FIRST LOOK STUDY, 9-8303.0 INFORMATION FOLDER



Kentucky Transportation Cabinet Flemingsburg District 9

Prepared by: Phil Mauney, P.E.

TABLE OF CONTENTS FIRST LOOK STUDY, 9-8303.0 MAPLE LEAF ROAD (KY 1448)

What is this Study?	1
Where is this location?	1
Draft Purpose and Need	2
Project Identification Form (PIF)	3
Funding	6
Existing Conditions / Roadway Plans	6
City Streets	6
Access Control	7
Existing Utilities	7
Truck Weight Class	9
Posted Speed Limit	9
City of Maysville Zoning Map	10
Traffic Count Information (2009)	11
Existing Right of Way/PVA Map	13
PVA Map Information	14
City of Maysville Contacts	15
Mason County Contacts	16
Media Contacts	16
Tom Browning Boys and Girls Club Contacts	17
YMCA Contact	17
Mason County Schools Contacts	17
Mason County School Bus Traffic Diagram	18
Campus Traffic Flow Diagram	19
Photos along KY 1448	20

What is this Study?

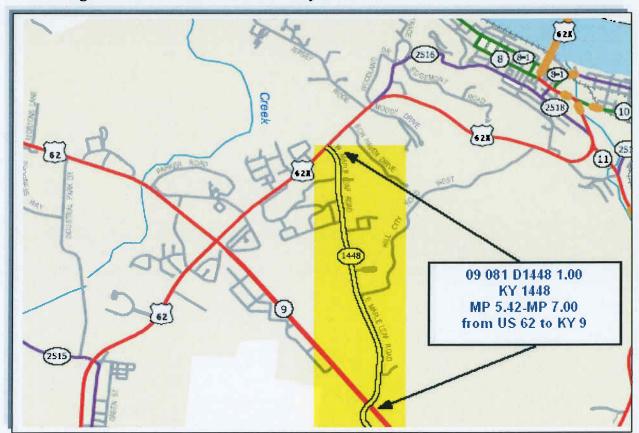
The KYTC District 9 Planning Section is performing a FIRST LOOK Study for improvements to KY 1448 in the City of Maysville and Mason County, Kentucky. The purpose of the project is to accommodate future travel demand on KY 1448 by reducing congestion, improving mobility, balancing multimodal use, and providing effective access along existing KY 1448 in the study area.

A FIRST LOOK Study is an initial scoping review conducted for a proposed project area. This type of study helps define issues and restrictions that will be considered during alignment studies in the design phase. The purpose of a FIRST LOOK Study is to aid in the roadway design process by providing the project manager/project team/ and consultant with preliminary information on existing conditions contained within the project limits.

A FIRST LOOK Study is not an extensive, in-depth study of the area and does not provide a detailed analysis of solutions.

Where is this location?

Item No. 9-8303.0 is located in Maysville (Mason County). This project is in the city limits and provides connectivity between the AA Highway and US 62X. This segment of KY 1448 begins at MP 5.42 and extends easterly to MP 7.0.



Draft Purpose and Need Statement

The purpose of this project is to reconstruct KY 1448 (Maple Leaf Road), an urban collector, from the intersection of KY 9 (AA Highway) to US 62X in Maysville. The proposed improvements will serve to enhance safety along the travel system, provide improved linkage between the AA and US 68, provide additional mobility within the project area, add pedestrian/multiuse paths, and will encourage economic development. The proposed project is expected to provide a safe and efficient facility, reduce the number of traffic accidents and provide infrastructure enhancement. The roadway will be built to current standards and correct geometric deficiencies. The need of this project is based on the increased volume of traffic, deficient vertical grades, roadway widths, lack of sufficient shoulder widths and the accidents that have occurred in this area. In addition to this study, the following Project Identification Form (PIF) provides the first description of the proposed project.



Horizontal - Vertical curve deficiencies located near the approach to the AA.



PIF Revised: Aug. 2004

KYTC Project Identification Form

	Cycle Ye	ar: 2005
Priority: L: Med	R: <u>Hi</u>	D: Hi
Tier: 2		
Tier Rank:	R: 10	D:
Overall Top Ten:	R:	D:

		Overa	Rank: R: 10 all Top Ten: R:	
Requested by: Committee Title/Organization: BTADD	Parent Control #: 09 (RSE Unique Number: 081	081 D1448 1.00 KY-1448	Co. #: <u>081</u>	
Date:	District: 9 ADD: BTADD	County: Mason/B		KY 1448 Maysville
Form Completed by: A. Kennedy/A.Cooper Title/Organization: BTADD Date: 10-2004	Type: Major Widening		Class: Urban C	oll Str.
Revision 1 by: VBrace/DDH Title/Organization: BTADD/D-9 Date: 9/1/06	Project Length: 1.6 Possible Funding Sources (IM NH HES	(P:200 D:500 Check all that apply):	ost Estimate: \$ 7500 R:1300 U:900	(1000's) C:4600)
Revision 2 by: Title/Organization: Date:	☐PLH ☐Other: Highway Networks (Check ☐NN ☐Scenic Byw ☐Defense ☐Strahnet		□Non NHS □Bike □ADHS()	□NHS □Forest
Section II – Problem Statement	Existing Project Studies: 2	003 Maysville Small	Urban Study	
Route Number: KY 1448	November of the control of the contr	Original	Rev. 1	Rev. 2
Beginning MP: <u>5.423 (US 68)</u>	Adequacy Rating: (Year)	83: (03)	67.5: (05)	:()
Ending MP: 7.003 (KY 9)	• CRF: (Year) • IRI: (Year)	.54: (03) 124: (03)	.79: (05) 142: (05)	:() :()
Total Length: 1.6 miles	• V/SF: (Year)	.63: (03)	.54: (05)	:()
Primary Purpose: Upgrade Existing System(Major)	Current ADT: (Year): Percent Trucks: (Year):	2896: (03) : () r: 2025 %Growt	3415: (05) : () h: 2.0 ADT	:() :() :: 5075
This segment of KY 1448 is a narrow 2 lane rothorough fare from KY 9 to US 68/62. There a & Girls Club on the KY 9 end, a middle school center and YMCA on the US 68 end. The ADT expected. As it exists now, KY 1448 does not lethe Bluegrass Tour Bike Route. The proposed trail for the pedestrian traffic. This route is us the Tom Browning Boys & Girls Club Widening Driving lanes, adding shoulders for the pedestrian traffic.	re several residential hou and a rapidly developing of this segment increased end itself to pedestrian or project would allow for sl ed heavily by school child or bike traffic and sidewal	ses located along subdivision in med 2896 in 03 to 34 bike travel even houlders to be a ren to and from lks for pedestria e route and the su	the route as we nid section, and 415 in 05 with m though it is cur dded and for si the schools to the traffic would in traffic would in trounding com	ell as a Boys a shopping core increase rent a part of dewalks or the YMCA or increase the munity.
Section III – Project Description	This project is in D phase (500K) s show up in the pl	cheduled in 201		
	show up in the pi	411.		11 / 11 11 11
Project Description Narrative:				

Correct width deficiencies, improve ped and bike usability, and improve operational efficiency of KY 1448 from US 68 (MP 5.423) to KY 9 (MP 7.00)

Regional Goals/Objectives Addressed: Promote regional transportation planning practices that will provide the most efficient, feasible and safe movement of people and goods through the Buffalo Trace Area Development District.

Page 1 of 3

Filename: 09 081 D1448 1^00.docm

UPL#:	09 081	D1448 1.00				
		County: Mason	Co. #:	081	Route: KY	1448

Section IV – Project Area Information:

1. Miscellaneous		Existing: Permit	Madian Tana	Existing: <u>N/A</u>	Width:		
Roadway Conditions	Access Control:	Proposed: Permit	Median Type:	Proposed: N/A	Width:		
Conditions	Lane	Existing: 2/9		Existing: Earth	Width: 2		
	No./Width:	December 2/12	Shoulders:	Dronogod: Agribalt	Width: 10		
		Proposed: 2/12 Existing: 0	Other	Proposed: Asphalt			
	No. of Bridges:		Improvement	□None □SYP □Res	surface		
	Comment	Proposed: <u>0</u>	Projects in Area:				
	Comments:						
2. Right of Way	Avg. Width: Exist	ing: 50 Source: ⊠ HI	S Plans M	ficrofilm Other			
	Current Primary U	se:	cial Residential	☐Farmland ☐Other:	<u></u>		
	□ No ⊠ Yes	Project may require additional R/W	Possible Reloc	ations: Homes: 1-5 Bus	inesses: 0		
	Comments:	Project may require additional to w	. Possible Reioca	ations. Homes. 1-3 Dus	inesses. <u>u</u>		
	Comments.						
3. Utilities		Np Gc N	T. 1. 1. 5.	70.11	-t CITE		
	Existing Utilities:		Telephone $\[igstar{igstar}{}$	Cable Sewer Wa	ater LITS		
			. Comments:				
	No ☐ Yes	Project may require Utility Relocat	ions.				
4. Environmental	(Check all that apply	A.			S COMMISSION OF		
Impacts	(Check an that apply			· · · · · · · · · · · · _			
Impacts	Blueline Stream				Historic Properties Public Land/Park		
	☐ Cemeteries ☐ Noise Impact				Other:		
	3		_				
	☐ Potential Conta	aminated sites: Gas Stations	Landfills	Auto Repair Ju	nkyards Other		
	Comments:						
5. Air Quality	⊠No □Yes	Project is located in a Maintenance	or Nonattainment A	Area Ozone	☐ PM 2.5		
	⊠No □Yes	Project adds through lane capacity					
	⊠No □Yes	Project results from a Congestion N	/lanagement Plan				
	⊠No □Yes	Project is included in TIP/STIP		TIP Page # STIP	Page #		
	Comments:						
	Comments.						
6. Economic	□No ⊠Yes	Planning/Zoning Regulations	□ No □	Yes Project may affect of Commercial or Indu	established Business,		
Impacts	No ☐ Yes	exist in Community This project has economic impacts	on regional/local ed		istrial Districts.		
	3	☐ Development ☐ Tax Revenues ☐					
		Please Describe:					
	⊠ No ☐ Yes	This project provides direct access	to major points of in	nterest:			
		☐ Nat'l/State Parks ☐ Monuments ☐	JHistoric Sites □Am	nusement Parks US Public La	and U Other		
		Please Describe:					
	☐ No ⊠ Yes	This project provides direct access Shopping Centers Schools SIn					
		Please Describe: access to Bluegrass S					

							The Mark		
7. Multimodal Opportunities	This project is a candi	date for: (cl	heck all that apply)		cycle Path rk/Ride Lo		☑ Shared-Us	se Paths	
	This project improves	s direct access to: (check all that apply)			☐ Airports ☐ Railways ☐ Trucking Routes ☐ N/A		Riverports		
	Type of Public Transp	ortation av	ailable:	⊠ Fi	xed Route	☐ Demand Respo	onse		
	Comments:								
8. Social Impacts	This project may affect (Check all that apply) Comments/Impact De		Neighborhood or C Travel Patterns (Ve Household Relocat Elderly, disabled, n No adverse effects	chicular, con ions iondrivers, n	nmuter, bic ninorities, l	ow-income persons			
Section V – Cost I	Estimate Information								
Cost Estimate by Pl					2000	1210			
Phase	Original Estimate	By:	Revision 1	Date	By:	Revision 2	Date	By:	
Planning			200,000						
Design	\$406,000	ddh	500,000						
ROW	\$1,044,000	ddh	1,300,000						
Utilities	\$696,000	ddh	900,000						
Construction	\$3,654,000	ddh	4,600,000						
Total Cost	\$5,800,000	ddh	7,500,000	9-2006	DDH				
Estimate Procedure Original	Used: Estimate:		Revision	1:		Rev	vision 2:	+ 12	
					TRUE		. PTY		
Per Mile@ S	3.6 million		Per Mile@\$			Per Mile@	§ \$		
		HOS.			15/19				
Terrain: Ro	lling		Terrain:			Terrain: _			
Detailed Estin			Detailed Estimate Calculations Attac			Detailed Es			
Estimate Assumption 2-12' lanes w/8' pave for bike lanes and s Estimate based on 9 County- upgrade K	ed shoulder idewalks 9-181.00; Fleming 7 32 near FCHS	Added	te Assumptions: a planning phase us phase estimate		ased	Estimate Assumption	ons:		
(w/sidwalk on 1 side T= 1.6 miles x \$3.6 r D= 10% x 70%T R= 60% x 30%T U= 40% x 30%T C= 90% x 70%T									
Estimate Class: E-Requ	uires further study	Estimat	e Class:			Estimate Class:			
Section VI – Attack			☐ Location Map	Photo	graph(s)	Other:			
Comments:									

Funding:

According to <u>"Kentucky's 2008 Highway Plan"</u> dated June 2009. This project has State Funded Bond money for Design, Right of Way and Utilities.

The **Design** funding amount in 2009 is \$570,000.

The **Right of Way** funding amount in 2009 is \$1,100,000.

The Utility funding amount in 2009 is \$700,000.

The Construction phase is currently state funds.

The Construction funding amount in 2012 is \$3,700,000.

The projected project total cost is \$6,070,000.

Existing Conditions / Roadway Plans:

This segment of KY 1448 has original plans that are dated 1955.

Project Name: Maple Leaf (R.S. 81-715) from station 70+00 to 169+41 (1.88 miles). This project was severed by the construction of the AA in the 80's. Copies of the original plans are available at the district office by contacting Phil Mauney or Darrin Eldridge.

The Typical Section reveals 9' driving lanes with 3' earthen shoulders. It is obvious that the 3' shoulders have vanished over time. The ditch slopes are 1 ½:1 over 4' and 2:1 under 4'. These ditch slopes pose safety problems with the present volumes of traffic and the projected increased travel along this project in the future.

Drainage structures consist of 200' of 18" culvert pipe, 80' of 24" culvert pipe and 52' of 36" culvert pipe. Many of the headwalls constructed for the culvert pipes create safety hazards are located very near the edge line.

At the intersection of KY 1448 and US 68, KYTC is presently constructing a new signal. This intersection has extensive delays in the morning and afternoon rush hours as well as after major school events. This intersection should also be evaluated for safety improvements when tying into US 68.

City Streets:

There are several city maintained streets that intersect with KY 1448. These streets serve as subdivision roads, roads into schools, and a city street providing connectivity to US 68.

Bluegrass Shopping Center Access Road to the rear entrances, Maple Ridge Drive (38 townhouses), two unnamed School Access Roads, Chenault Drive (3rd School Access Rd), Glascock Glen (Elmcroft Subdivision, 27 homes), Mefford Heights Circle (16 homes), and South Hill City Road (several homes and connectivity to US 68).

Access Control:

Access control along KY 1448 is by permit. There are several types of entrances and land uses along this project.

Existing Utilities:

The Water and Sewer are provided by Maysville Utility Commission (606) 564-3531.

The Television Cable is provided by Limestone Cable Vision (606) 564-9220.

There are many poles located along this project. KU is the local provider in this area. www.kuenergy.com

It is possible that Fleming Mason RECC might have lines as well. www.fmenergy.net

In addition, there are two sets of high voltage lines that cross KY 1448. These could be owned by East KY Power.

The telephone companies providing service to the area are AT&T and Windstream. www.windstream.com The area along the AA is serviced by Windstream and north of the AA, AT&T provides service.

AT&T has a substation located near the intersection of US 68 and KY 1448. This is accessible adjacent to the water tower access entrance. This could be fiber optic.





Radio tower entrance access



The natural gas service is provided by Columbia Gas. www.columbiagasky.com Columbia Gas transmission station entrance access.



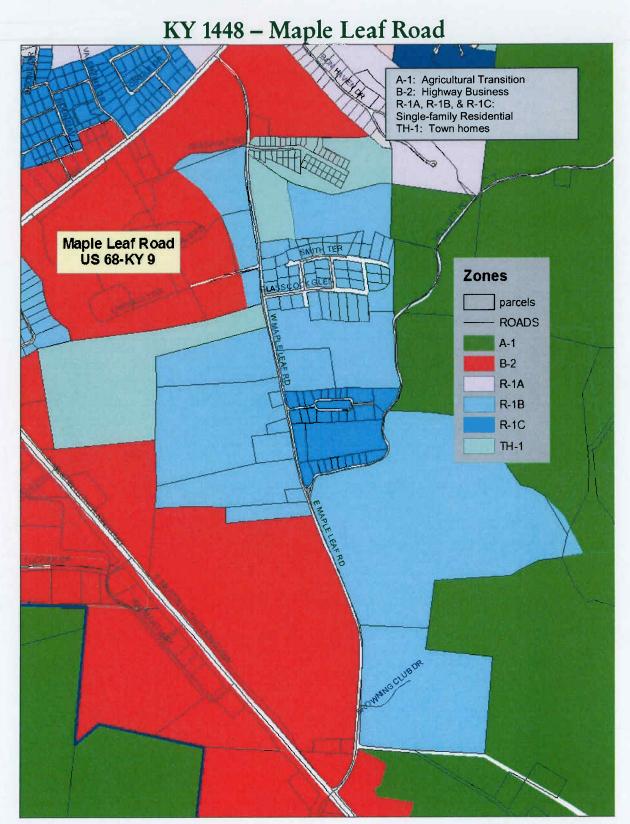
Truck Weight Class

COUNTY NAME	ROUTE	BEGIN MP	END MP	Class	Description
Mason	KY-1448	0	3.79	A	From KY 1449 to KY 9
Mason	KY-1448	3.79	7.0030	ΙΔΔ	From KY 9 to US 62 in Maysville

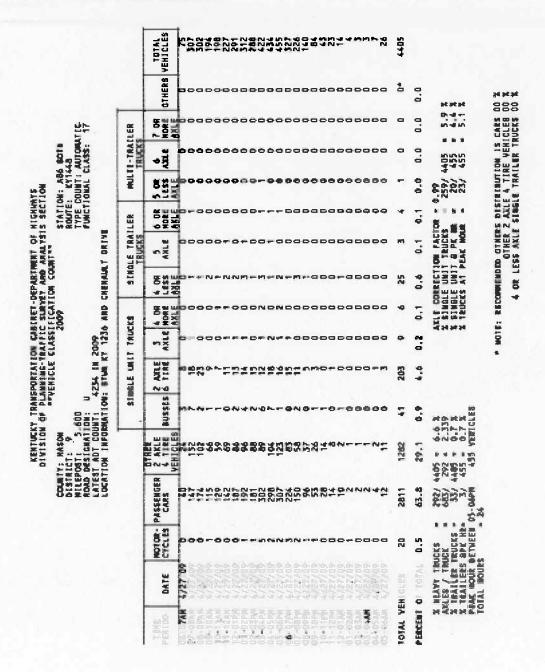
Posted Speed Limit

COUNTY NAME	ROUTE	BEGIN MP	END MP	Posted Speed Limit
Mason	KY-1448	5.98	7.0030	45

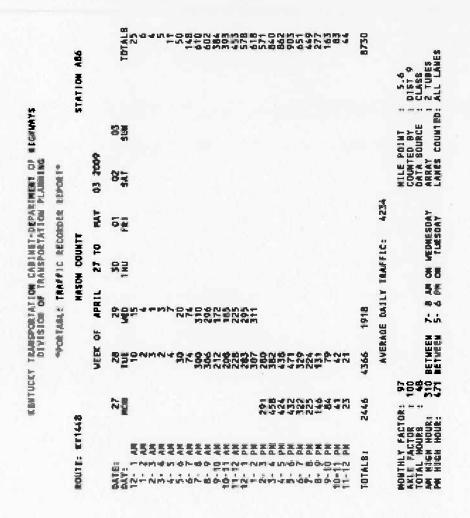
City of Maysville Zoning Map:



Traffic Count Information



Traffic Count Information (cont.)



Existing Right of Way:

Information about the right of way along this corridor is attached. This information was obtained from the PVA office in Maysville. A map identifies property owners for the project area. The original plans show that a 60' wide corridor was obtained for the original construction

and is easily noticeable while driving the project.



MASON COUNTY PVA MAP # 49

PARCEL#	PROPERTY OWNER	DEED BOOK	PAGE #
20	Mason County Board of Education	23	33 391
20A	Bluegrass Center LLC	25	58 515
21	Harriet S. Ryan & Henry Ward Collier Smith	24	17 584
21B	South Central Bell Telephone Co.	18	303
21C	Bloxton Construction LLC	31	15 109
22	Limestone Family YMCA Inc.	See source deed	for 22A
22A	Traxel, Smith, Naylor	32	26 701

MASON COUNTY PVA MAP # 50

PARCEL#	PROPERTY OWNER	DEED BOOK	P A	AGE
5	Phillip B & Theresa G. Hollan		323	26
5A	Maysville Church of the Nazarene		258	568
9	William C. McNeill		299	581
10	Same as #9			
10A	Sarah McNeill		275	603
11	Rose H. Campbell	Look under Pat Schumacher		
12	Helen Applegate		324	710
12A	same as #12			
13	Applegate, Kenneth, Linda and Helen		324	710
13A	John R. Denham		215	198
	for #13A also see Deed 198 page 689			
13B	Tom Browning Boys and Girls Club, Inc.		239	654
13C	Gale and Judy Clos		252	278
14	Herman and Margaret Ward		230	491
14A	Columbia Gas Co.	See #14 source	deed	

Deed information for Mefford Heights, Elmcroft Estates, Maple Ridge, and Au Vergne are not included. The deed information for the properties located along KY 1448 but included in the subdivisions will need to be obtained from the plats.

City Contact Information

The City of Maysville's legislative body is the Board of Commissioners, which consists of Mayor David Cartmell, and Commissioners Rick Litton, Johnny Mains, Judy Pfeffer, and Kelly Ashley.

The Board of Commissioners meets on the second Thursday, of each month at 5:15 p.m., at Maysville Municipal Building, 216 Bridge Street, Maysville, KY 41056.

David Cartmell
Mayor
dcartmell@maysvilleky.net
606-564-4663 home
606-564-9419 city hall

Rick Litton
Commissioner
ricklitton@hotmail.com
606-584-1619

Johnny Mains Commissioner johnnymains@yahoo.com 606-564-5104

Judy Pfeffer Commissioner jcpfeffer@maysvilleky.net 606-584-3720 cell 606-564-3650 home

Kelly Ashley Commissioner ksf@maysvilleky.net 606-584-2855

Ramon Young, ext. 317 City Manager rayyoung@maysvilleky.net

Mason County Contact Information

The Mason County Fiscal Court is consists of Judge Exec. James "Buddy" Gallenstein, Commissioners Pat McKay, Bear Finn, and Donald Tumey.

James L. Gallenstein, Judge/Executive

Address: 221 Stanley Reed Court Street, Maysville, Kentucky 41056

Phone: 606-564-6706, FAX: 606-564-7315

Amy Asher, Deputy Judge/Executive

Patrick McKay IV, Commissioner - District 1

F.J. 'Bear' Finn, Commissioner - District 2

Donald E. Tumey, Commissioner - District 3

Media Contact information

The Ledger Independent

P.O. Box 518, Maysville, KY 41056, phone: 606-564-9091, FAX: 606-564-6893

WFTM: AM 1240 and FM 95.9 radio stations

626 Forest Avenue, Maysville, KY 41056, phone: 606-564-3361

WAGX: FM 101.3 radio station

Phone: 800-845-9770

Tom Browning Boys and Girls Club Contact information

Roger H. Barnett, Executive Director 241 Maple Leaf Road East Maysville, KY 41056 (606) 564-3093

YMCA Contact information

Tonya Wenz, Executive Director Limestone Family YMCA 1080 US 68, Maysville, KY 41056 (606) 564-6772 (606) 564-6774 fax

Mason County School Contact information

There are three schools located along this section of KY 1448. In addition, there are three access points to the campus. The three schools are the Elementary, Middle and the High School along with several fields and gymnasiums.

Mason County Board of Education 2nd & Limestone Street, Maysville, KY 41056 Phone: (606) 564-5563, Fax: (606) 564-5392

Tim Moore, Superintendent, timothy.moore@mason.kyschools.us
Kelly Middleton, Associate Superintendent, kelly.middleton@mason.kyschools.us
Gerald Fulk, Transportation Director, gerald.fulk@mason.kyschools.us

<u>Charles Straub Elementary School</u>
387 Chenault Drive
Maysville, KY 41056

Robert Moore, Principal
Ph: (606) 564-9047
Fax: (606) 564-3345

Mason County High SchoolSteve Appelman, Principal1320 US Highway 68Ph: (606) 564-3393Maysville, KY 41056Fax: (606) 564-5360

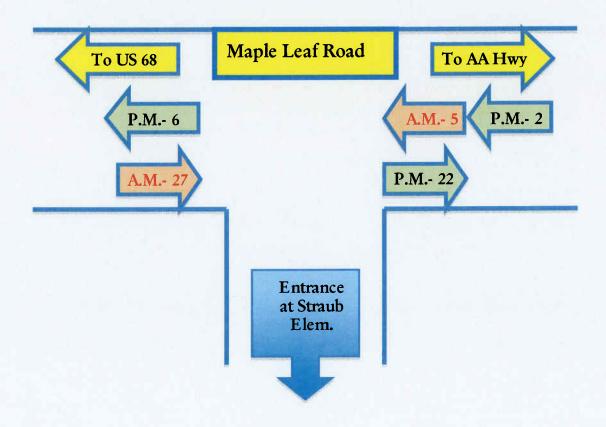
Mason County Middle SchoolBetsy Cook, Principal420 Chenault DrivePh: (606) 564-6748Maysville, KY 41056Fax: (606) 564-5958

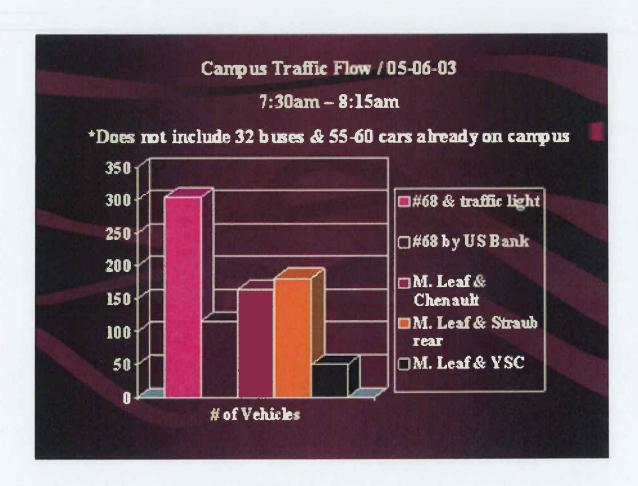
MASON COUNTY SCHOOL BUS TRAFFIC On Maple Leaf Road

Numbers represented here are times buses have children onboard. Some also travel Maple Leaf going back home in the mornings & returning in the afternoons.

Other traffic considerations:

- large number of parent vehicles dropping students off in a.m.
- large number of parent vehicles picking students up in the p.m.
- student drivers (most students leave campus via Maple Leaf)
- school staff vehicles





The bus garage is located on this campus as well.

In addition there are several football and soccer fields, track, and the Fieldhouse that hosts several large basketball tournaments.

The Fieldhouse seats up to 5400 and the football stadium seats up to 2000.

There are numerous other activities that draw large crowds to the school campus.

Looking East on KY 1448: rear entrance to Bluegrass Shopping Center (high retaining wall)



Looking East on KY 1448: Maple Ridge Subdivision entrance on the left and one of the three school entrances on the right.



Looking East on KY 1448: Chenault Drive (entrance to schools on the right)



Looking East on KY 1448: Mefford Heights entrance on the left.



Looking East on KY 1448: Hill City Road on the left.



Looking East on KY 1448: Tom Browning Boys and Girls Club entrance on the left, entrance to a Columbia Gas substation on the right, and approaching the intersection of the AA.



Looking South on US 68 with the approach to KY 1448 on the left. This intersection is presently under construction for a new signal. The steel strand poles and bases are complete.



Looking West on KY 1448 at the intersection of the AA.

