

**Ohio Statewide Urban Congestion
Mitigation/Air Quality Program
2014 Application**

Application Forms and Instructions

This Application Form is to be filled out by the applicant. Supplemental information attached to the form should be as condensed as possible. For example, if a feasibility report has been prepared for the proposal, the applicant should excerpt and summarize rather than simply attaching the entire report.

All CMAQ applications will be provided to OSUCC members, therefore project applicants must provide eight copies for each of the project(s) being submitted for consideration.

Tips on the Application Process

Scrutinize the cost vs. benefit when applying for federal funds. The program requirements can be demanding, and what is originally thought of as a small, inexpensive project can spiral quickly into a complicated and expensive project. For example: a project once thought to have a total cost of \$85,000 with no right-of-way acquisition became a \$120,000 construction cost with an additional \$220,000 required for right-of-way acquisition.

Federally funded projects are subjected to many requirements, including the National Environmental Policy Act, the Uniform Relocation Assistance and Acquisition Policies Act, and other ODOT regulations and standards. Most locally planned and funded projects are not subject to these requirements and may often be developed more quickly and at less expense than those that are federally funded. When developing a project schedule, keep in mind that the project will be subject to all of the ODOT Project Development Processes.

Before hiring a consultant, review the experience of the firm with federally funded projects. How many have they successfully advanced through the system? When, where, and what type of project(s)?

The Project Evaluation Criteria is the method under which the OSUCC reviews and ranks the individual applications. An Overall Project Cover Sheet, Milestones Activities, and a detailed explanation of the Scoring Criteria for the Ohio CMAQ Program are shown on the following pages, including Criteria, Measures and Scoring Description, and Frequently Asked Questions and Answers. Examples of Project Type Descriptions are listed within the OSUCC Program, Policies, and Procedures.

The application should also include the following:

- ✓ Complete and detailed description of the proposed project and its relation to the intermodal transportation system and any other phases of the project. Location maps, elevations, photographs included, as necessary, to fully illustrate the project.
- ✓ Complete and detailed breakdown of the proposed construction/implementation costs inflated to year of expenditure - **certified by a professional engineer** – including funding sources.
- ✓ Complete and detailed description of the project's characteristics and benefits and how it is included or justified in a local plan or program. Description of how the project will be coordinated with a neighboring jurisdiction if project ends at or crosses a corporation line.
- ✓ The anticipated month and year, when the project will be ready for construction. Include the present status of property ownership and plan preparation.
- ✓ A certified copy of a resolution from the applicant's governing body authorizing the submission and local prioritization of the application(s) for CMAQ funds and committing to share in the project cost.

Overall Project Cover Worksheet - OSUCC Application

General Project Information

<u>Date:</u>	<u>PID:</u>	<u>Project Name:</u>
<u>Project Type:</u>		<u>Project Sponsor:</u>
<u>Project Useful Life (see Appendix B – Emission and Cost Effectiveness Procedures):</u> _____ years		
<u>Total Project Cost (TPC) - All Sources: \$</u>		
<u>MPO:</u>	<u>County:</u>	<u>ODOT District:</u>

Brief Scope of Work:

<u>Management Option - select one:</u>	<u>Contact Information:</u>
<u>LPA:</u>	<u>Name/Title:</u>
<u>ODOT-Let:</u>	<u>Phone:</u>
	<u>E-mail:</u>

Total Project Cost Breakdown by Phase and Funding

	Fiscal Year	OSUCC CMAQ Request	Federal Pro-Rata	Other Federal Funding	Federal Funding Source	Local Match	Non-Fed Funding Source	Phase totals
<u>Description of Work</u>					<u>Name</u>		<u>Name</u>	
Preliminary Engineering (PE)	20	\$	%	\$		\$		\$
Detailed Design (DD)	20	\$	%	\$		\$		\$
Right-of-Way (RW)	20	\$	%	\$		\$		\$
Construction (CO)	20	\$	%	\$		\$		\$
Funding Totals		\$		\$		\$		\$
Funding Percentage of TPC - all sources:		%		%		%		%

Total Emission Reductions (to be completed by MPO staff)

<u>Pollutant</u>	<u>kg/day</u>
Hydrocarbons (HC)/Volatile Organic Compound (VOC)	
Nitrogen Oxide (NO _x)	
Particulate Matter (PM _{2.5}) Micrometers in Diameter	
Total Emissions Reductions	
Conversion to kg/year	

Total Points Awarded: Based on Maximum Points Available = 100		Maximum Points Available	Scored Points
1.	Project Type	10	
2.	Cost Effectiveness	15	
3.	Other Benefits	15	
4.	Existing Modal Level of Service (LOS)	15	
5.	Positive Impact on LOS	15	
6.	Status of Project	10	
7.	Non-Federal Match of Requested CMAQ Funds	10	
8.	Regional Priority	10	
9.	Beginning in FY 2015 or Later; History of Project Delivery (Minus Points)		
		100	

MILESTONE ACTIVITY	EXPECTED DATE (month/year)
<ul style="list-style-type: none"> Project Programmed with ODOT. 	
<ul style="list-style-type: none"> Begin Planning Phase: The date that the planning scope of work is developed. 	
<ul style="list-style-type: none"> Project Initiation Package: The date that the Project Initiation Package is approved by the District. 	
<ul style="list-style-type: none"> Consultant Authorized to Begin Design. 	
<ul style="list-style-type: none"> Purpose and Need Submittal: The date that the Draft Purpose and Need is submitted. 	
<ul style="list-style-type: none"> Begin Environmental Clearance: The date when the scoping for an environmental consultant or scoping for an environmental study is initiated. 	
<ul style="list-style-type: none"> Feasibility Study Submittal: The date when the Feasibility Study is received for review by the District from a consultant or local public agency. 	
<ul style="list-style-type: none"> Preferred Alternative Approval: The date when a single Preferred Alternative is approved the preferred alternative may be established at scope development. If so, provide the scoping date. Otherwise, enter the appropriate approval date associated with the Feasibility Study or Alternative Evaluation Report. 	
<ul style="list-style-type: none"> Preliminary Right-of-Way Plan Submittal: The date when Preliminary RW plans are received for review by the District from a consultant or local public agency. 	
<ul style="list-style-type: none"> Right-of-Way Authorization: The date when authorization is given to a local public agency to begin acquisition activities. 	
<ul style="list-style-type: none"> Stage 2 Design Plan Submittal 	
<ul style="list-style-type: none"> Environmental Document Approval: The date when the responsible agency (FHWA or ODOT) approves the document or the District confirms the project is exempt from documentation. 	
<ul style="list-style-type: none"> Stage 3 Design Plan Submittal 	
<ul style="list-style-type: none"> Right-of-Way Acquisition Complete: Date on which the local public agency certifies the completion of RW acquisition activities. (Utilities/encroachments not included.) 	
<ul style="list-style-type: none"> Final Plans and Bid Package Submittal to ODOT 	
<ul style="list-style-type: none"> Award Contract: The date the local public agency approves a contract with a successful bidder. 	
<ul style="list-style-type: none"> Begin Construction 	
<ul style="list-style-type: none"> Project Completion 	
<ul style="list-style-type: none"> For programs, purchases, studies, and other projects that do not have a construction phase, please provide a schedule for project development (including environmental approval) and funding. Provide an estimate of the date(s) that federal funds would need to be available. Give a summary of the schedule to be followed before the project is ready for funding and while it is being implemented. See also instructions for Item #48 above. Describe other relevant aspects of the project schedule. For example, is the funding schedule contingent upon other actions? Will the project need funding from other sources to proceed? 	

Criteria	Measure	Points
4. Existing Modal Level of Service (LOS) (Maximum Points =15)	F E D A-C	15 10 4 0

Existing (LOS) documents the existing congestion in the project area. A project may be awarded up to 15 points depending upon the current LOS. No points will be awarded to projects to improve modes currently operating at LOS C or better. The applicant must provide documentation and data showing how the LOS was determined. For transit projects, the application is to provide information to assess the “level of service” primarily with respect to the lack of capacity for which the project will provide benefits. Similarly, for bike or pedestrian projects, information is to be provided to demonstrate the poor level of service being provided for users of those modes. However, for transit, bike and pedestrian projects, lack of service or absence of a facility does not equate to poor level of service. Information must be provided that demonstrates there is demand for the service or facility that is not being met

What is the Current and Projected LOS? Please Provide Supporting Documentation:

Total points: (to be completed by MPO staff)

Criteria	Measure	Points
5. Positive Impact on LOS (Maximum Points =15)	High impact	15
	Medium impact	10
	Low impact	3
	No impact	0

The Positive Project on LOS assesses the impact the proposal will have on the existing situation, ranging from 0 to 15 points. Some examples of Positive Impacts for LOS for Roads, Transit and Bicycle and Pedestrian LOS Impacts are shown below.

ROAD LOS IMPACTS

HIGH	MEDIUM	LOW
The project will improve the LOS will from F to C	The project will improve the LOS from F to D or from E to C	The project will improve the LOS from F, E or D by one level or substantially reduce delay if resulting LOS remains F.

TRANSIT LOS IMPACTS¹

HIGH	MEDIUM	LOW
Significantly reduces transit vehicle crowding, increases service capacity significantly, increases service reliability significantly. Interconnect or fare coordination project, bus turnouts at major intersections, intermodal facility accommodating major transfers, reduces travel time.	Increases service reliability in a minor capacity, interconnect or fare coordination project, general bus turnouts, intermodal facility accommodating major transfers.	Increases passenger comfort or convenience, bike racks.

BICYCLE and PEDESTRIAN LOS IMPACTS²

HIGH	MEDIUM	LOW
Facility that will primarily serve commuters and/or school sites, sidewalks where none exist. Completes final pieces of a significant regional route.	Mixed use bicycle/pedestrian facility (recreation & commuter), usable sidewalk segments including upgrades and new installations and signage.	Public educational, promotional, and safety programs that promote and facilitate increased use of non-motorized modes of transportation.

What is the Positive Impact on LOS? Please Provide Supporting Documentation:

Total points: (to be completed by MPO staff)

¹ Council of Fresno County Governments, January 2006 CMAQ Call for Projects

² Council of Fresno County Governments, January 2006 CMAQ Call for Projects

Criteria	Measure	Points
6. Status of Project (Maximum Points =10)	Construction plans complete	10
	Non construction activity ready for authorization	8
	ROW clear and complete	8
	Environmental document complete	6
	Environmental document underway	2

The Status of Project points reflect the existing status of the project. The closer a project is to the construction/implementation phase, the more points it will receive. Those that are early in the project development process with environmental studies underway will receive 2 points. Projects with completed environmental status earn 6 points; those with right-of-way cleared and complete will be awarded 8 points. Non construction projects that do not require right-of-way and are ready for authorization such as a bus purchase also earn 8 points. Projects with construction plans complete earn 10 points.

Narrative for Status of Project and Supporting Documentation:

Total points:

Criteria	Measure	Points	Measure	Points
7. Non-Federal Match of Requested CMAQ Funds of the phase(s) cost (Maximum Points =10)	Above 40%	5	Greater than \$2.0 M	5
	>35 to 40%	4	\$1.0 M to \$2.0 M	4
	>30 to 35%	3	>\$500,000 to \$1.0 M	3
	>25 to 30%	2	\$150,000 to \$500,000	2
	>20 to 25%	1	\$50,000 to \$150,000	1
	Up to 20%	0	\$0 to \$50,000	0

The Non-Federal Match of Requested CMAQ Funds – The criteria rewards applicants that increase their local share to “overmatch” the required rate for local participation. The standard match rate for federal CMAQ funds is 20 percent (although there are exceptions); however, the applicant can gain up to a maximum of 10 points through overmatching.

Narrative for Non-Federal Match and Supporting Documentation:

Total points: (to be completed by MPO staff)

Criteria	Measure	Points
8. Regional Priority (Maximum Points =10) (determined by each MPO)	First Priority Project	10
	Second Priority Project	7
	Third Priority Project	4
	Fourth Priority Project	2
	All Other	0

Regional Priority – MPO’s will be responsible for collecting, reviewing for completeness and ranking CMAQ applications from the eligible recipients in their regions. Top ranking projects from each region will receive 10 points, second highest receives 7 points, third highest receives 4 points, fourth highest receives 2 points. All others receive 0 points. Each MPO will develop their own approach to determining their regional priority. In cases where a project is in more than one MPO an average point score will be used.

Narrative for Regional Priority and Supporting Documentation:

Total points: (to be completed by MPO staff)

Criteria	Measure	Points
9. Beginning in FY 2015 or Later: History of Project Delivery By Project Sponsor in the previous two years	One project slipped past programmed year	-5
	Two or more project slipped past programmed year	-10
	One or more projects cancelled	-10

History of Project Delivery – It is critical that projects that compete for and receive Ohio CMAQ dollars be delivered on time and within budget in order to fully realize the user benefits for Ohio citizens. Therefore, an applicant who has accepted CMAQ dollars in FY 2015 or later and allows the project to slip beyond the programmed year of obligation will be penalized 5 points on all subsequent applications for a period of two years. Applicants that allow two or more projects to slip will be penalized 10 points on subsequent applications for a period of two years. Project cancellation will also be cause for a 10 points reduction for a period of two years. Exceptions may be granted by the OSUCC for circumstances beyond the control of the applicant.

Narrative for History of Project Delivery:

Total points: (to be completed by MPO staff)

MAXIMUM POINTS 100	Applicant total points for this project.
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EXHIBIT "A"

TO BE ELIMINATED
WITH AICHOLTZ CONNECTOR
PROJECT IN 2016

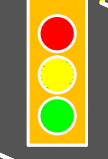
BELL'S LANE

STATE ROUTE 32

OLD STATE ROUTE 74

MT. CARMEL-TOBASCO ROAD

AICHOLTZ ROAD



2015 PM Volumes - Existing Conditions

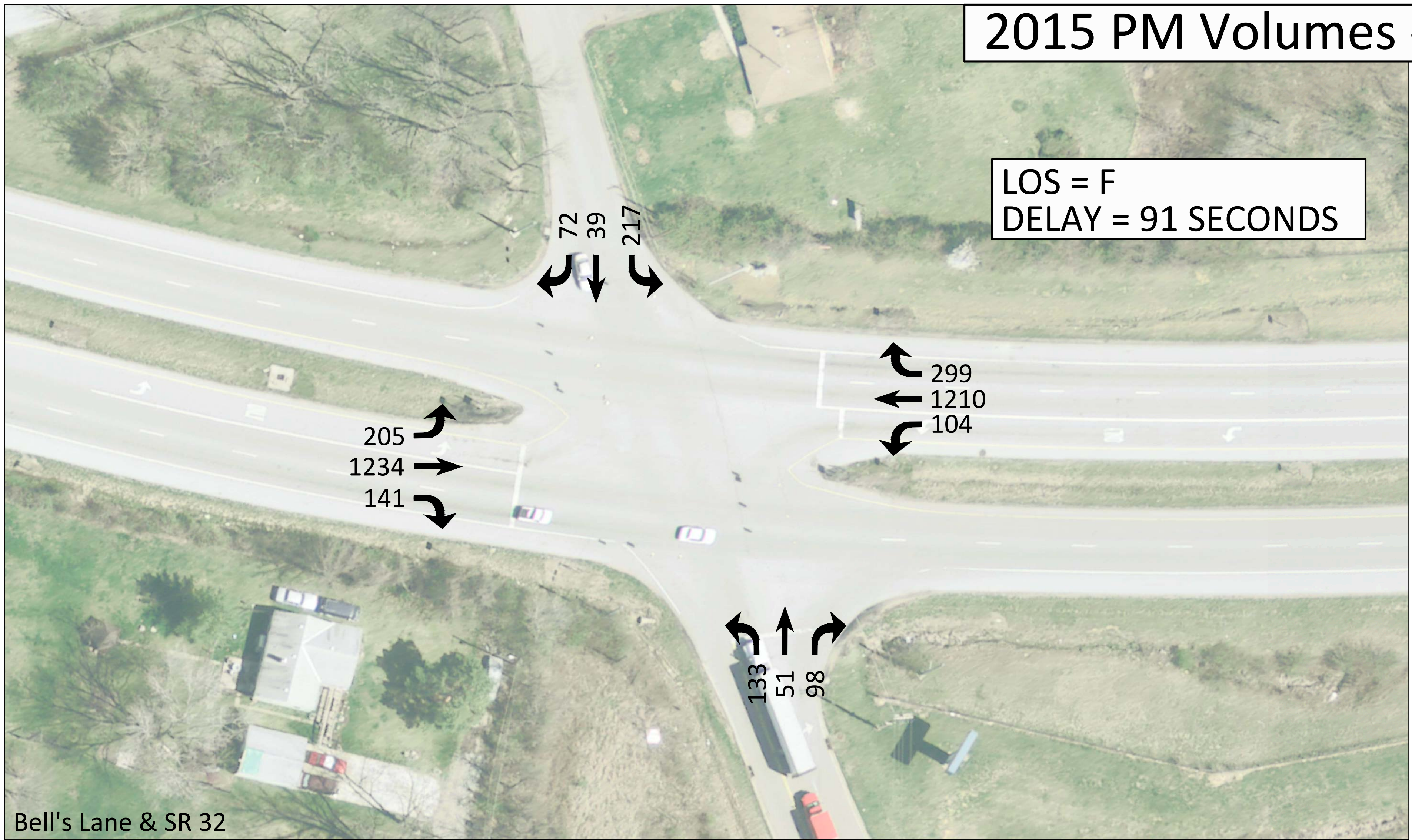
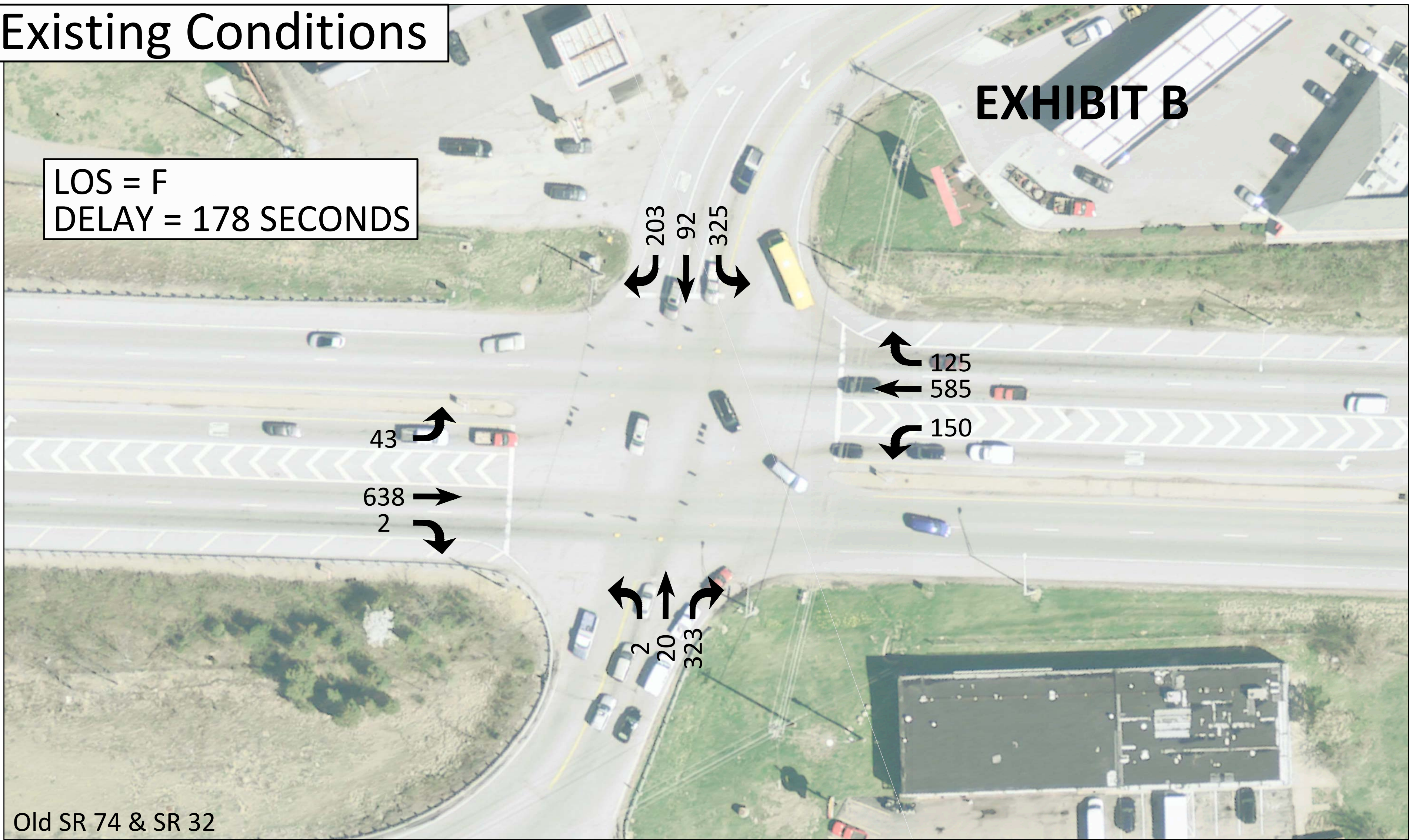
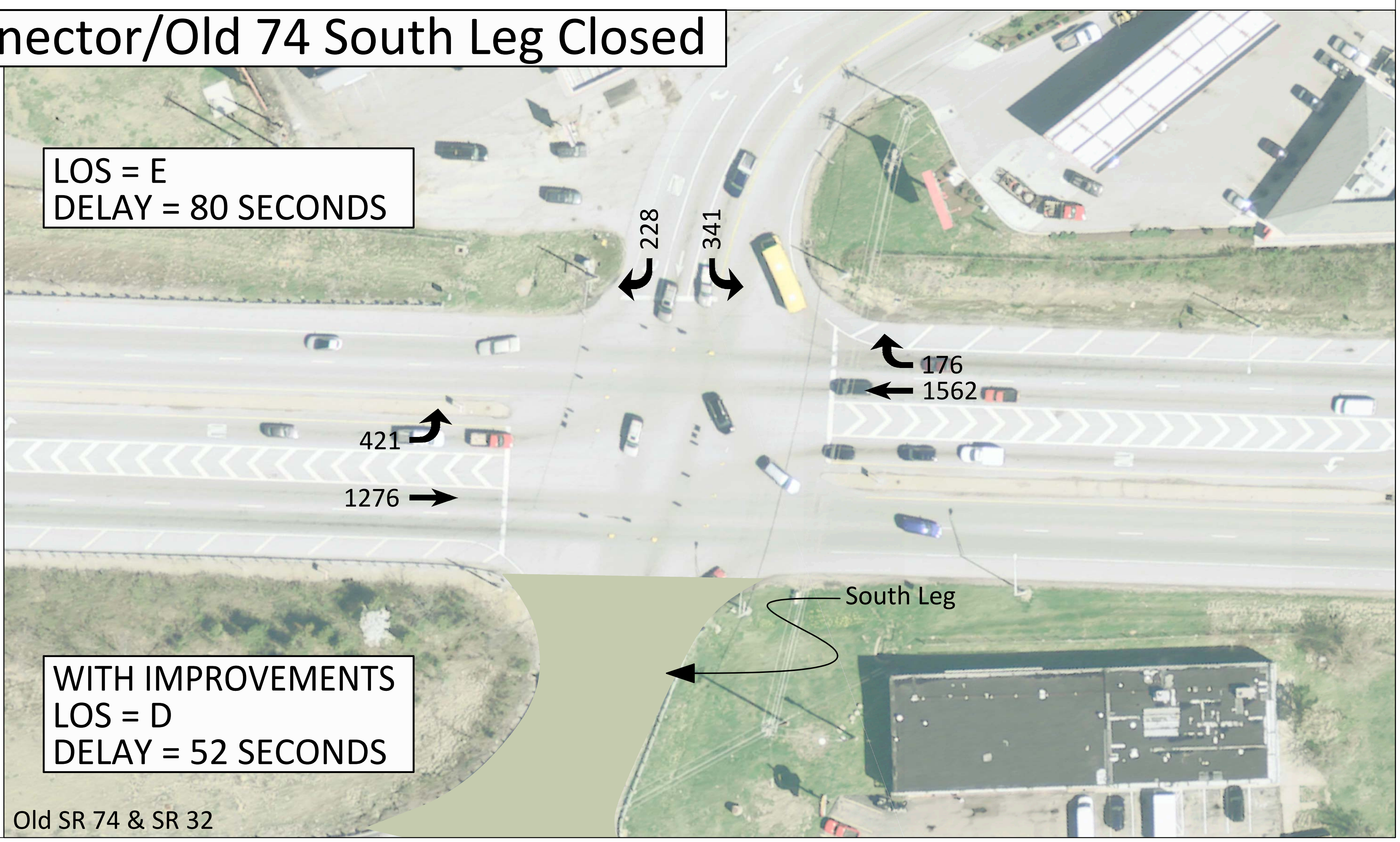
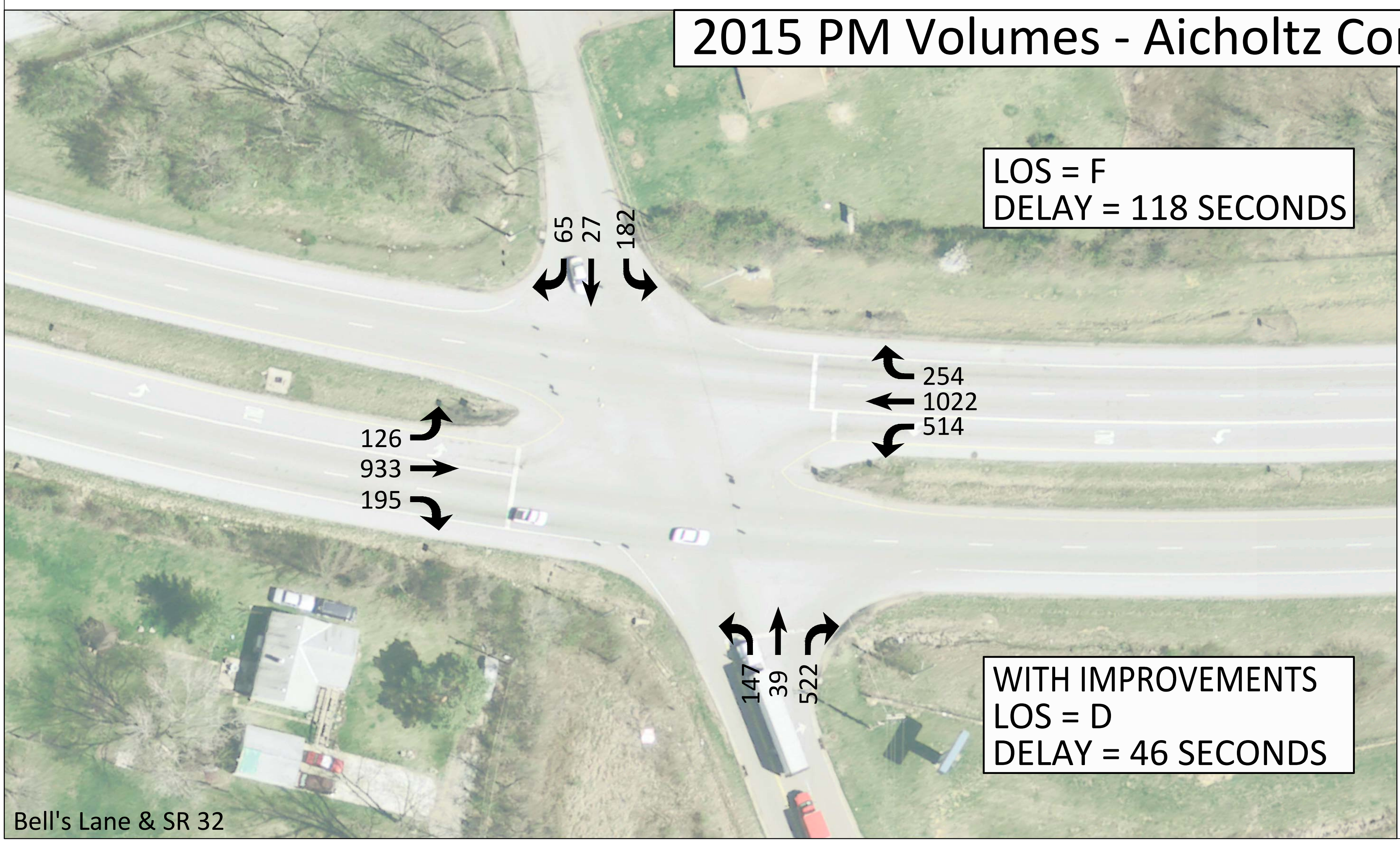


EXHIBIT B



2015 PM Volumes - Aicholtz Connector/Old 74 South Leg Closed



2015 Bells @ SR 32 PM Exist.txt
HCS+: Signalized Intersections Release 5.2

Analyst: Evans
Agency: CCEO
Date: 5/12/2014
Period: PM
Project ID: Existing Geometry
E/W St: SR 32

Inter.: Bells & SR 32
Area Type: All other areas
Jurisd:
Year : 2015
N/S St: Bells Lane

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	2	0	0	1	1	0	1	1
LGConfig	L	TR		L	TR			LT	R		LT	R
Volume	205	1234	141	104	1210	299	133	51	98	217	39	72
Lane Width	12.0	12.0		12.0	12.0			12.0	12.0		12.0	12.0
RTOR Vol			5			5			13			1

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P						
Thru			P					
Right			P					
Peds								
WB Left		P						
Thru			P					
Right			P					
Peds								
NB Right								
SB Right								
Green		19.0	40.5	0.0		25.5	0.0	
Yellow		4.0	4.0			4.0		
All Red		1.0	1.0			1.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	343	1805	0.66	0.19	47.3	D		
TR	1443	3564	1.05	0.41	69.3	E	66.5	E
Westbound								
L	343	1805	0.34	0.19	37.7	D		
TR	1422	3511	1.18	0.41	116.3	F	111.2	F
Northbound								
LT	195	763	1.05	0.25	115.9	F	89.1	F
R	412	1615	0.23	0.25	30.8	C		
Southbound								
LT	248	974	1.15	0.25	139.2	F	115.5	F
R	412	1615	0.19	0.25	30.2	C		
Intersection Delay = 91.4			(sec/veh)		Intersection LOS = F			

2015 Old 74 @ SR 32 PM Exist.txt
HCS+: Signalized Intersections Release 5.2

Analyst: Evans
Agency: CCEO
Date: 5/12/2014
Period: PM
Project ID: Existing Geometry
E/W St: SR 32

Inter.: Old SR 74 & SR 32
Area Type: All other areas
Jurisd:
Year : 2015
N/S St: Old SR 74

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	2	0	0	1	1	1	1	1
LGConfig	L	TR		L	TR			T	R	L	T	R
Volume	263	1285	0	513	1445	151		200	394	322	88	168
Lane Width	12.0	12.0		12.0	12.0			12.0	12.0	12.0	12.0	12.0
RTOR Vol			5			5			13			1

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P							
Thru		P				P		
Right		P				P		
Peds								
WB Left	P							
Thru		P				P		
Right		P				P		
Peds								
NB Right								
SB Right								
Green	28.0	42.0	0.0		10.0	20.0	0.0	
Yellow	4.0	4.0			4.0	4.0		
All Red	1.0	1.0			1.0	1.0		

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	421	1805	0.69	0.23	51.2	D		
TR	1266	3618	1.13	0.35	107.2	F	97.7	F
Westbound								
L	421	1805	1.35	0.23	220.2	F		
TR	1249	3568	1.42	0.35	230.8	F	228.2	F
Northbound								
T	317	1900	0.70	0.17	59.3	E	233.5	F
R	269	1615	1.57	0.17	324.8	F		
Southbound								
L	257	1805	1.39	0.29	243.4	F		
T	554	1900	0.18	0.29	32.4	C	151.3	F
R	471	1615	0.39	0.29	36.5	D		
Intersection Delay = 177.6 (sec/veh)					Intersection LOS = F			

2015 Bells @ SR 32 PM 074 Closed.txt
HCS+: Signalized Intersections Release 5.2

Analyst: Evans
Agency: CCEO
Date: 5/12/2014
Period: PM
Project ID: Old SR 74 Closed
E/W St: SR 32

Inter.: Bells & SR 32
Area Type: All other areas
Jurisd:
Year : 2015

N/S St: Bells Lane

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	1	2	0	0	1	1	0	1	1
LGConfig	L	TR		L	TR			LT	R		LT	R
Volume	126	933	195	514	1022	254	147	39	522	182	27	65
Lane Width	12.0	12.0		12.0	12.0			12.0	12.0		12.0	12.0
RTOR Vol			6			5			50			1

Duration	0.25	Area Type:	All other areas						
Phase Combination		Signal Operations							
		1	2	3	4	5	6	7	8
EB	Left		P			NB	Left	P	
	Thru			P			Thru	P	
	Right			P			Right	P	
	Peds						Peds		
WB	Left		P			SB	Left	P	
	Thru			P			Thru	P	
	Right			P			Right	P	
	Peds						Peds		
NB	Right					EB	Right		
SB	Right					WB	Right		
Green		26.0	32.5	0.0			25.5	0.0	
Yellow		4.0	4.0				4.0		
All Red		1.0	1.0				1.0		

Cycle Length: 99.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	474	1805	0.30	0.26	30.8	C		
TR	1158	3526	1.08	0.33	83.0	F	77.7	E
Westbound								
L	474	1805	1.20	0.26	147.2	F		
TR	1153	3511	1.23	0.33	142.6	F	143.9	F
Northbound								
LT	236	915	0.87	0.26	68.4	E	142.6	F
R	416	1615	1.26	0.26	171.7	F		
Southbound								
LT	249	968	0.93	0.26	77.7	E	66.4	E
R	416	1615	0.17	0.26	29.4	C		
Intersection Delay = 117.5 (sec/veh)					Intersection LOS = F			

Analyst: Evans
Agency: CCEO
Date: 5/12/2014
Period: PM
Project ID: South Leg Closed
E/W St: SR 32

Inter.: Old SR 74 & SR 32
Area Type: All other areas
Jurisd:
Year : 2015
N/S St: Old SR 74

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	0	2	0	0	0	0	1	0	1
LGConfig	L	T			TR					L	LR	R
Volume	421	1276			1562	176				341		228
Lane Width	12.0	12.0			12.0					12.0	12.0	12.0
RTOR Vol						5						1

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P						
Thru		P						
Right								
Peds								
WB Left								
Thru			P					
Right			P					
Peds								
NB Right								
SB Right								
Green		22.0	58.5	0.0		24.5	0.0	
Yellow		4.0	4.0			4.0		
All Red		1.0	1.0			1.0		

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	331	1805	1.41	0.18	252.3	F		
T	2578	3618	0.55	0.71	9.0	A	69.4	E
Westbound								
TR	1737	3564	1.11	0.49	88.6	F	88.6	F
Northbound								
Southbound								
L	369	1805	1.03	0.20	101.7	F		
LR	388	1900	0.00	0.20	38.0	D	85.2	F
R	330	1615	0.76	0.20	60.4	E		
Intersection Delay = 80.0- (sec/veh)					Intersection LOS = E			

2015 Bells @ SR 32 PM 074 Closed + Improv2.txt
HCS+: Signalized Intersections Release 5.2

Analyst: Evans Inter.: Bells & SR 32
Agency: CCEO Area Type: All other areas
Date: 5/12/2014 Jurisd:
Period: PM Year : 2015
Project ID: Old SR 74 Closed - WB LT + NB RT
E/W St: SR 32 N/S St: Bells Lane

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	0	2	2	0	1	1	2	1	1	1
LGConfig	L	TR		L	TR		L	T	R	L	T	R
Volume	126	933	195	514	1022	254	147	39	522	182	27	65
Lane Width	12.0	12.0		12.0	12.0		12.0	12.0	12.0	12.0	12.0	12.0
RTOR Vol			6			5			50			1

Duration	0.25	Area Type:	All other areas						
Phase Combination		Signal Operations							
		1	2	3	4	5	6	7	8
EB Left		P				NB Left	P		
Thru			P			Thru	P		
Right			P			Right	P		
Peds						Peds			
WB Left		P				SB Left	P		
Thru			P			Thru	P		
Right			P			Right	P		
Peds						Peds			
NB Right						EB Right			
SB Right						WB Right			
Green		24.0	40.0	0.0			21.0	0.0	
Yellow		4.0	4.0				4.0		
All Red		1.0	1.0				1.0		

Cycle Length: 100.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	433	1805	0.32	0.24	33.3	C		
TR	1410	3526	0.88	0.40	36.3	D	36.0	D
Westbound								
L	841	3505	0.68	0.24	38.9	D		
TR	1404	3511	1.01	0.40	55.6	E	50.8	D
Northbound								
L	294	1401	0.55	0.21	42.7	D		
T	399	1900	0.11	0.21	32.5	C	50.4	D
R	600	2859	0.87	0.21	54.3	D		
Southbound								
L	291	1385	0.69	0.21	49.4	D		
T	399	1900	0.08	0.21	32.1	C	44.1	D
R	339	1615	0.21	0.21	34.0	C		
Intersection Delay = 45.6			(sec/veh)		Intersection LOS = D			

2015 Old 74 @ SR 32 PM 074 Closed + EB LT.txt
HCS+: Signalized Intersections Release 5.2

Analyst: Evans
Agency: CCEO
Date: 5/12/2014
Period: PM
Project ID: Old SR 74 Closed + EB LT
E/W St: SR 32
Inter.: Old SR 74 & SR 32
Area Type: All other areas
Jurisd:
Year : 2015
N/S St: Old SR 74

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	2	2	0	0	2	0	0	0	0	1	0	1
LGConfig	L	T			TR					L	LR	R
Volume	421	1276			1562	176				341		228
Lane Width	12.0	12.0			12.0					12.0	12.0	12.0
RTOR Vol						5						1

Duration 0.25 Area Type: All other areas

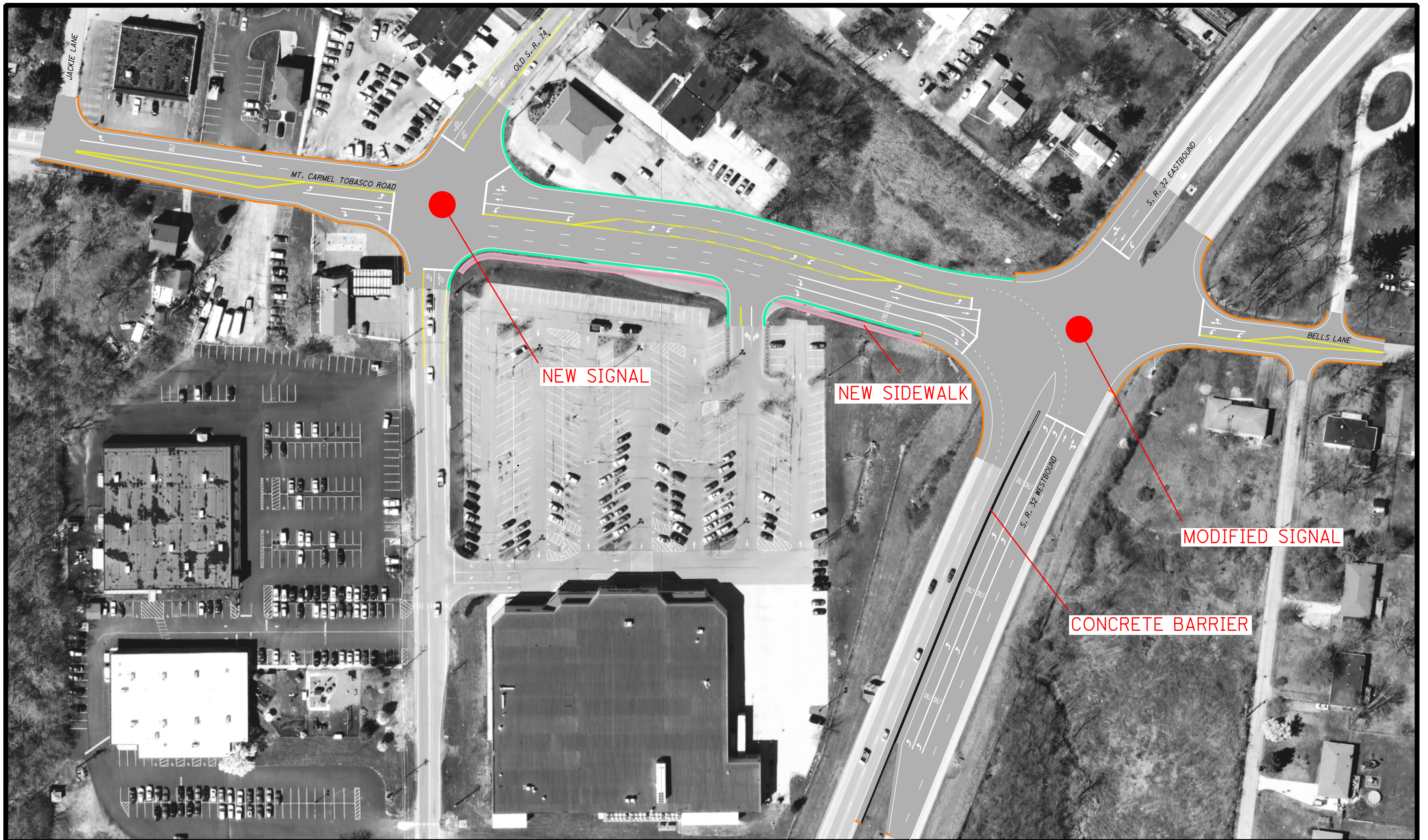
Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P						
Thru		P						
Right								
Peds								
WB Left								
Thru			P					
Right			P					
Peds								
NB Right								
SB Right								
Green		15.0	62.0	0.0		28.0	0.0	
Yellow		4.0	4.0			4.0		
All Red		1.0	1.0			1.0		

Cycle Length: 120.0 secs

Intersection Performance Summary

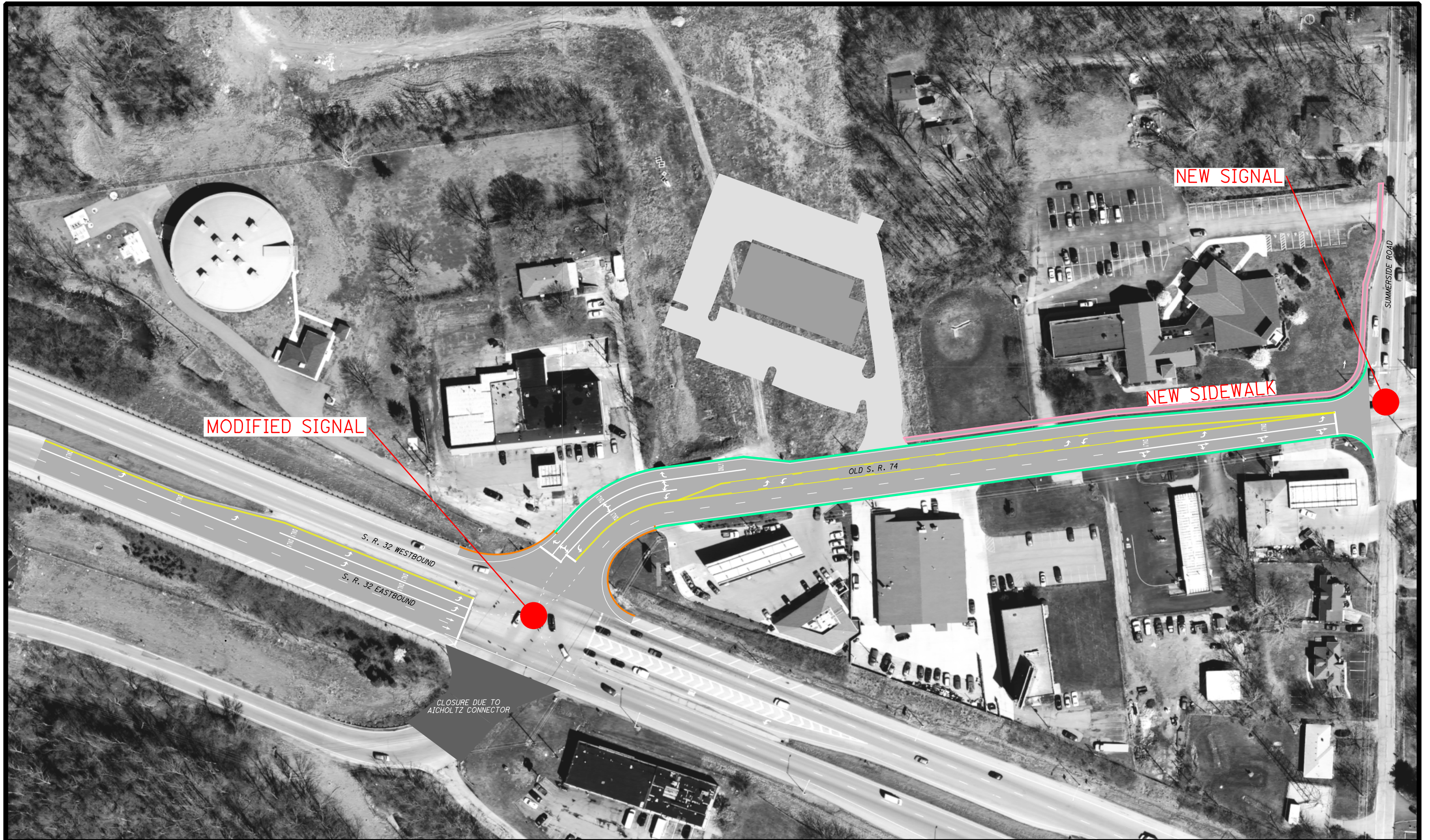
Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Approach			
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	438	3505	1.07	0.13	115.0	F		
T	2472	3618	0.57	0.68	10.9	B	36.7	D
Westbound								
TR	1841	3564	1.05	0.52	63.2	E	63.2	E
Northbound								
Southbound								
L	421	1805	0.90	0.23	69.5	E		
LR	443	1900	0.00	0.23	35.3	D	62.0	E
R	377	1615	0.67	0.23	50.9	D		
Intersection Delay = 51.8			(sec/veh)		Intersection LOS = D			



RECOMMENDED IMPROVEMENTS TO BELLS LANE AND INTERSECTION WITH SR 32

CLERMONT COUNTY TRANSPORTATION IMPROVEMENT DISTRICT

EXHIBIT C-1



May 2014



RECOMENDED IMPROVEMENTS TO OLD SR 74 AND SR 32 INTERSECTION

CLERMONT COUNTY TRANSPORTATION IMPROVEMENT DISTRICT

EXHIBIT C-2

Estimate SR32/BellsLn

Estimated Cost:\$1,950,000.00

Contingency: 0.00%

Estimated Total: \$1,950,000.00

SR 32 / Bell's Lane Improvements

Base Date: 01/01/14

Spec Year: 13

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 448

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: CLERMONT

Midpoint of Latitude:

Midpoint of Longitude:

District:

Federal/State Project Number:

Estimate Type: C1

Prepared by Stantec on 05/28/14

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
Group 0001: Pavement Removal					
0001	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	0.000	LS	\$0.00000	\$0.00
Total for Group 0001:					\$0.00
Group 0002: Excavation - Rock					
0002	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1.000	LS	\$0.00000	\$0.00
Total for Group 0002:					\$0.00
Group 0003: Excavation - Soil					
0003	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	8,685.000	CY	\$8.00000	\$69,480.00
Total for Group 0003:					\$69,480.00
Group 0004: Excavation - Hazardous					
0004	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1.000	LS	\$0.00000	\$0.00
Total for Group 0004:					\$0.00
Group 0005: Fill - Embankment					
0005	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	7,382.000	CY	\$9.00000	\$66,438.00
Total for Group 0005:					\$66,438.00
Group 0006: Fill - Lime Modified Soil					
0006	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1.000	LS	\$0.00000	\$0.00
Total for Group 0006:					\$0.00
Group 0007: Fill - Borrow					
0007	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	0.000	CY	\$10.00000	\$0.00
Total for Group 0007:					\$0.00
Group 0008: Concrete Barrier					
0008	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	455.000	FT	\$140.00000	\$63,700.00
Total for Group 0008:					\$63,700.00
Group 0009: Subgrade Treatment - Lime					
0009	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1.000	LS	\$0.00000	\$0.00
Total for Group 0009:					\$0.00
Group 0010: Subgrade Treatment - Cement					

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	Description Supplemental Description				
0010	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1.000	LS	\$0.00000	\$0.00
Total for Group 0010:					\$0.00

Group 0011: Subgrade Treatment - Undercut & Backfill

0011	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1.000	LS	\$0.00000	\$0.00
Total for Group 0011:					\$0.00

Group 0012: Other Roadway Costs

0012	A-OC-RDWY OTHER COSTS, ROADWAY <i>Guardrail</i>	0.000	FT	\$14.00000	\$0.00
0013	A-OC-RDWY OTHER COSTS, ROADWAY <i>Impact Attenuator</i>	1.000	EACH	\$20,000.00000	\$20,000.00
0014	A-OC-RDWY OTHER COSTS, ROADWAY <i>Curb</i>	1,232.000	FT	\$18.00000	\$22,176.00
0015	A-OC-RDWY OTHER COSTS, ROADWAY <i>Sidewalk</i>	2,343.000	SF	\$5.00000	\$11,715.00
0016	A-OC-RDWY OTHER COSTS, ROADWAY <i>Clearing & Grubbing; light brush with dozer, ball & chain</i>	4.000	ACRE	\$2,000.00000	\$8,000.00
0017	A-OC-RDWY OTHER COSTS, ROADWAY <i>Clearing & Grubbing; medium clearing with dozer & rake</i>	0.000	ACRE	\$2,500.00000	\$0.00
Total for Group 0012:					\$61,891.00

Group 0013: Seeding & Mulching / Sodding

0018	B-MC-ERCO MAJOR COST DRIVERS, EROSION CONTROL <i>Seeding & Mulching</i>	8,653.000	SY	\$3.00000	\$25,959.00
Total for Group 0013:					\$25,959.00

Group 0014: Rock Channel Protection

0019	B-MC-ERCO MAJOR COST DRIVERS, EROSION CONTROL	1.000	LS	\$0.00000	\$0.00
Total for Group 0014:					\$0.00

Group 0015: Erosion Control - Item 832

0020	B-MC-ERCO MAJOR COST DRIVERS, EROSION CONTROL <i>Earthwork Cost \$100,000-\$200,000</i>	1.000	LS	\$12,000.00000	\$12,000.00
Total for Group 0015:					\$12,000.00

Group 0016: Other Erosion Control Costs

0021	B-OC-ERCO OTHER COSTS, EROSION CONTROL	1.000	LS	\$10,000.00000	\$10,000.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
<i>Erosion Control Plan (project \$1 - \$5 mil)</i>					
					Total for Group 0016:\$10,000.00
Group 0017: Underdrains					
0022	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	4,400.000	FT	\$10.00000	\$44,000.00
					Total for Group 0017:\$44,000.00
Group 0018: Culverts - Type A: < 5'					
0023	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	0.000	FT	\$400.00000	\$0.00
					Total for Group 0018:\$0.00
Group 0019: Culverts, Type A: 5' - 10'					
0024	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	0.000	FT	\$900.00000	\$0.00
					Total for Group 0019:\$0.00
Group 0020: Culverts, Type A: 10' - 20'					
0025	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	0.000	FT	\$1,400.00000	\$0.00
					Total for Group 0020:\$0.00
Group 0021: Median Drainage					
0026	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	1.000	LS	\$0.00000	\$0.00
					Total for Group 0021:\$0.00
Group 0022: BMP's					
0027	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	1.000	LS	\$5,000.00000	\$5,000.00
					Total for Group 0022:\$5,000.00
Group 0023: Closed Storm System					
0028	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	1.000	LS	\$150,000.00000	\$150,000.00
					Total for Group 0023:\$150,000.00
Group 0024: Other Drainage Costs					
0029	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE <i>Paved Gutter Type 1-2</i>	0.000	FT	\$35.00000	\$0.00
0030	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE <i>Paved Gutter Type 1-4</i>	0.000	FT	\$48.00000	\$0.00
					Total for Group 0024:\$0.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0025: Mainline - Travel Lanes

0031	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	10,260.000	SY	\$45.00000	\$461,700.00
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Total for Group 0025:\$461,700.00

Group 0026: Mainline - Outside Shoulder

0032	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0026:\$0.00

Group 0027: Mainline - Inside Shoulder

0033	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0027:\$0.00

Group 0028: Ramps

0034	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	0.000	SY	\$45.00000	\$0.00
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Total for Group 0028:\$0.00

Group 0029: Non - Mainline Lanes

0035	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	0.000	SY	\$45.00000	\$0.00
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Total for Group 0029:\$0.00

Group 0030: Concrete Overlay

0036	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0030:\$0.00

Group 0031: Rubblize & Roll

0037	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0031:\$0.00

Group 0032: Joint Repair

0038	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0032:\$0.00

Group 0033: Slab Replacement

0039	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0033:\$0.00

Group 0034: Overlay

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	Description Supplemental Description				
0040	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>includes milling</i>	2,798.000	SY	\$14.00000	\$39,172.00

Total for Group 0034:\$39,172.00

Group 0035: Dowel Bar Retrofit

0041	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0035:\$0.00

Group 0036: Diamond Grinding

0042	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0036:\$0.00

Group 0037: Undersealing

0043	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0037:\$0.00

Group 0038: Other Pavement Costs

0044	D-OC-PVMT OTHER COSTS, PAVEMENT <i>Driveways</i>	326.000	SY	\$80.00000	\$26,080.00
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Total for Group 0038:\$26,080.00

Group 0039: Water Works

0045	E-MC-WATR MAJOR COST DRIVERS, WATER LINE	1.000	LS	\$10,000.00000	\$10,000.00
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Total for Group 0039:\$10,000.00

Group 0040: Sanitary Line

0046	F-MC-SANI MAJOR COST DRIVERS, SANITARY SEWER	1.000	LS	\$3,000.00000	\$3,000.00
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Total for Group 0040:\$3,000.00

Group 0041: Lighting - Full Interchange

0047	G-MC-LTNG MAJOR COST DRIVERS, LIGHTING	0.000	LS	\$400,000.00000	\$0.00
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Total for Group 0041:\$0.00

Group 0042: Lighting - Partial Interchange

0048	G-MC-LTNG MAJOR COST DRIVERS, LIGHTING	0.000	EACH	\$300,000.00000	\$0.00
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Total for Group 0042:\$0.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0043: Lighting - Continuous Roadway

0049	G-MC-LTNG MAJOR COST DRIVERS, LIGHTING	0.000	FT	\$100.00000	\$0.00
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Total for Group 0043:\$0.00

Group 0044: Other Lighting Costs

0050	G-OC-LTNG OTHER COSTS, LIGHTING	1.000	LS	\$0.00000	\$0.00
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Total for Group 0044:\$0.00

Group 0045: Traffic Surveillance

0051	H-MC-SURV MAJOR COST DRIVERS, TRAFFIC SURVEILLANCE	1.000	LS	\$0.00000	\$0.00
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0052	H-OC-SURV OTHER COSTS, TRAFFIC SURVEILLANCE	1.000	LS	\$0.00000	\$0.00
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Total for Group 0045:\$0.00

Group 0046: Signs

0053	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL	0.420	MILE	\$200,000.00000	\$84,000.00
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Total for Group 0046:\$84,000.00

Group 0047: Pavement Marking

0054	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Edge Line</i>	0.950	MILE	\$3,000.00000	\$2,850.00
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0055	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Lane Line</i>	0.380	MILE	\$1,250.00000	\$475.00
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0056	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Center Line</i>	0.320	MILE	\$3,200.00000	\$1,024.00
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0057	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Channelizing Line</i>	1,977.000	FT	\$1.25000	\$2,471.25
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0058	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Stop Line</i>	362.000	FT	\$5.00000	\$1,810.00
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0059	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Transverse Line</i>	0.000	FT	\$4.50000	\$0.00
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0060	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Dotted Line</i>	346.000	FT	\$1.50000	\$519.00
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0061	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Lane Arrow</i>	36.000	EACH	\$75.00000	\$2,700.00
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0062	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Word on Pavement</i>	9.000	EACH	\$95.00000	\$855.00
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Total for Group 0047:\$12,704.25

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0048: Other Traffic Control Costs

0063	J-OC-TRAF OTHER COSTS, TRAFFIC CONTROL	1.000	LS	\$0.00000	\$0.00
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Total for Group 0048:\$0.00

Group 0049: Signals - Intersections

0064	K-MC-SGNL MAJOR COST DRIVERS, SIGNALS <i>Mt. Carmel-Tobasco & Old SR 74</i>	1.000	EACH	\$200,000.00000	\$200,000.00
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Total for Group 0049:\$200,000.00

Group 0050: Other Traffic Signal Costs

0065	K-OC-SGNL OTHER COSTS, SIGNALS <i>Modify Existing Signal - Bells Lane & SR 32</i>	1.000	EACH	\$100,000.00000	\$100,000.00
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0066	K-OC-SGNL OTHER COSTS, SIGNALS <i>Remove Existing Signal</i>	0.000	EACH	\$50,000.00000	\$0.00
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Total for Group 0050:\$100,000.00

Group 0051: Landscaping

0067	L-MC-LSCP MAJOR COST DRIVERS, LANDSCAPING	0.000	LS	\$324,531.00000	\$0.00
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Total for Group 0051:\$0.00

Group 0052: Retaining Walls

0068	M-MC-WALL MAJOR COST DRIVERS, RETAINING WALLS	0.000	SF	\$200.00000	\$0.00
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Total for Group 0052:\$0.00

Group 0053: Other Retaining Wall Costs

0069	M-OC-WALL OTHER COSTS, RETAINING WALLS	1.000	LS	\$0.00000	\$0.00
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Total for Group 0053:\$0.00

Group 0054: Building Demolition

0070	N-MC-DEMO MAJOR COST DRIVERS, BUILDING DEMOLITION <i>Residential</i>	0.000	EACH	\$10,000.00000	\$0.00
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0071	N-MC-DEMO MAJOR COST DRIVERS, BUILDING DEMOLITION <i>Service Station Island & Tanks</i>	0.000	EACH	\$50,000.00000	\$0.00
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0072	N-MC-DEMO MAJOR COST DRIVERS, BUILDING DEMOLITION <i>Commercial</i>	0.000	EACH	\$25,000.00000	\$0.00
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0073	N-MC-DEMO MAJOR COST DRIVERS, BUILDING DEMOLITION <i>Sheds</i>	0.000	EACH	\$750.00000	\$0.00
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0074	N-MC-DEMO MAJOR COST DRIVERS, BUILDING DEMOLITION	0.000	EACH	\$2,500.00000	\$0.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Garages

Total for Group 0054:\$0.00

Group 0055: Noise Barrier

0075	P-MC-NSBR MAJOR COST DRIVERS, NOISE BARRIER	1.000	LS	\$0.00000	\$0.00
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Total for Group 0055:\$0.00

Group 0056: Other Noise Barrier Costs

0076	P-OC-NSBR OTHER COSTS, NOISE BARRIER	1.000	LS	\$0.00000	\$0.00
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Total for Group 0056:\$0.00

Group 0057: New Structures

0077	R-MC-STRC MAJOR COST DRIVERS, STRUCTURES	0.000	SF	\$250.00000	\$0.00
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Total for Group 0057:\$0.00

Group 0058: Rehabilitated Structures

0078	R-MC-STRC MAJOR COST DRIVERS, STRUCTURES	1.000	LS	\$0.00000	\$0.00
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Total for Group 0058:\$0.00

Group 0060: Temporary Road and Pavement Costs

0079	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	0.000	SY	\$60.00000	\$0.00
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Total for Group 0060:\$0.00

Group 0061: Portable Concrete Barrier (PCB)

0080	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	1,500.000	FT	\$9.00000	\$13,500.00
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Total for Group 0061:\$13,500.00

Group 0062: Impact Attenuators

0081	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>Temporary Uni-directional</i>	2.000	EACH	\$6,500.00000	\$13,000.00
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Total for Group 0062:\$13,000.00

Group 0063: Sheeting

0082	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	0.000	LS	\$100,000.00000	\$0.00
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Total for Group 0063:\$0.00

Group 0064: Temporary Signals

0083	S-MC-MNTC	0.000	MNTH	\$19,000.00000	\$0.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC
2 signals

Total for Group 0064:\$0.00

Group 0065: Work Zone Lighting

0084	S-MC-MNTC	1.000	LS	\$0.00000	\$0.00
MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC					

Total for Group 0065:\$0.00

Group 0066: Innovative Contracting Incentatives

0085	S-MC-MNTC	0.000	LS	\$1,500,000.00000	\$0.00
MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC					

Total for Group 0066:\$0.00

Group 0067: Other MOT Costs

0086	S-OC-MNTC	5.000	MNTH	\$1,800.00000	\$9,000.00
OTHER COSTS, MAINTENANCE OF TRAFFIC					
<i>Arrow Board (2 each)</i>					

0087	S-OC-MNTC	5.000	MNTH	\$3,600.00000	\$18,000.00
OTHER COSTS, MAINTENANCE OF TRAFFIC					
<i>Portable Changeable Message Sign (2 each)</i>					

Total for Group 0067:\$27,000.00

Group 0068: Wetland Construction

0088	T-MC-WTLD	0.000	ACRE	\$75,000.00000	\$0.00
MAJOR COST DRIVERS, WETLAND CONSTRUCTION					

0089	T-OC-WTLD	0.000	FT	\$1,000.00000	\$0.00
OTHER COSTS, WETLAND CONSTRUCTION					
<i>Stream Restoration</i>					

Total for Group 0068:\$0.00

Group 0069: Misc. Costs

0090	U-MC-MISC	1.000	LS	\$11,300.00000	\$11,300.00
MAJOR COST DRIVERS, MISCELLANEOUS COSTS					
<i>Performance Bond: 0.75% of total project cost (\$1,506,625)</i>					

0091	U-MC-MISC	5.000	MNTH	\$1,600.00000	\$8,000.00
MAJOR COST DRIVERS, MISCELLANEOUS COSTS					
<i>Field Office Type B</i>					

0092	U-MC-MISC	1.000	LS	\$40,000.00000	\$40,000.00
MAJOR COST DRIVERS, MISCELLANEOUS COSTS					
<i>Mobilization: from CMS Item 624 for total project cost (\$1,506,625)</i>					

0093	U-MC-MISC	1.000	LS	\$11,300.00000	\$11,300.00
MAJOR COST DRIVERS, MISCELLANEOUS COSTS					
<i>Construction Layout Stakes: 0.75% of total project cost (\$1,506,625)</i>					

0094	U-MC-MISC	1.000	LS	\$45,200.00000	\$45,200.00
MAJOR COST DRIVERS, MISCELLANEOUS COSTS					
<i>Maintaining Traffic: 3.0% of total project cost (\$1,506,625)</i>					

Total for Group 0069:\$115,800.00

Group 0070: Design Contingency Costs

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	<u>Description</u>				
	<u>Supplemental Description</u>				
0095	V-MC-CNTG	1.000	LS	\$335,575.75000	\$335,575.75
	MAJOR COST DRIVERS, CONTINGENCY COSTS				
	<i>PDP Design Contingency (step 6): 20% of total construction cost (\$1,614,425)</i>				

Total for Group 0070:\$335,575.75

Estimate SR32/OldSR74

Estimated Cost:\$1,050,000.00

Contingency: 0.00%

Estimated Total: \$1,050,000.00

SR 32 / Bell's Lane Improvements

Base Date: 01/01/14

Spec Year: 13

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 448

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: CLERMONT

Midpoint of Latitude:

Midpoint of Longitude:

District:

Federal/State Project Number:

Estimate Type: C1

Prepared by Stantec on 05/28/14

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
Group 0001: Pavement Removal					
0108	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	0.000	LS	\$0.00000	\$0.00
Total for Group 0001:					\$0.00
Group 0002: Excavation - Rock					
0002	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1.000	LS	\$0.00000	\$0.00
Total for Group 0002:					\$0.00
Group 0003: Excavation - Soil					
0003	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1,800.000	CY	\$8.00000	\$14,400.00
Total for Group 0003:					\$14,400.00
Group 0004: Excavation - Hazardous					
0004	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1.000	LS	\$0.00000	\$0.00
Total for Group 0004:					\$0.00
Group 0005: Fill - Embankment					
0005	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1,530.000	CY	\$9.00000	\$13,770.00
Total for Group 0005:					\$13,770.00
Group 0006: Fill - Lime Modified Soil					
0006	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1.000	LS	\$0.00000	\$0.00
Total for Group 0006:					\$0.00
Group 0007: Fill - Borrow					
0007	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	0.000	CY	\$10.00000	\$0.00
Total for Group 0007:					\$0.00
Group 0008: Concrete Barrier					
0008	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	0.000	FT	\$140.00000	\$0.00
Total for Group 0008:					\$0.00
Group 0009: Subgrade Treatment - Lime					
0009	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1.000	LS	\$0.00000	\$0.00
Total for Group 0009:					\$0.00
Group 0010: Subgrade Treatment - Cement					

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	Description				
	Supplemental Description				
0010	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1.000	LS	\$0.00000	\$0.00

Total for Group 0010:\$0.00

Group 0011: Subgrade Treatment - Undercut & Backfill

0011	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY	1.000	LS	\$0.00000	\$0.00
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Total for Group 0011:\$0.00

Group 0012: Other Roadway Costs

0012	A-OC-RDWY OTHER COSTS, ROADWAY <i>Guardrail</i>	0.000	FT	\$14.00000	\$0.00
0013	A-OC-RDWY OTHER COSTS, ROADWAY <i>Impact Attenuator</i>	0.000	EACH	\$20,000.00000	\$0.00
0014	A-OC-RDWY OTHER COSTS, ROADWAY <i>Curb</i>	1,769.000	FT	\$18.00000	\$31,842.00
0015	A-OC-RDWY OTHER COSTS, ROADWAY <i>Sidewalk</i>	3,635.000	SF	\$5.00000	\$18,175.00
0016	A-OC-RDWY OTHER COSTS, ROADWAY <i>Clearing & Grubbing; light brush with dozer, ball & chain</i>	1.500	ACRE	\$2,000.00000	\$3,000.00
0017	A-OC-RDWY OTHER COSTS, ROADWAY <i>Clearing & Grubbing; medium clearing with dozer & rake</i>	0.000	ACRE	\$2,500.00000	\$0.00

Total for Group 0012:\$53,017.00

Group 0013: Seeding & Mulching / Sodding

0018	B-MC-ERCO MAJOR COST DRIVERS, EROSION CONTROL <i>Seeding & Mulching</i>	4,445.000	SY	\$3.00000	\$13,335.00
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Total for Group 0013:\$13,335.00

Group 0014: Rock Channel Protection

0019	B-MC-ERCO MAJOR COST DRIVERS, EROSION CONTROL	1.000	LS	\$0.00000	\$0.00
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Total for Group 0014:\$0.00

Group 0015: Erosion Control - Item 832

0020	B-MC-ERCO MAJOR COST DRIVERS, EROSION CONTROL <i>Earthwork Cost \$100,000-\$200,000</i>	1.000	LS	\$8,000.00000	\$8,000.00
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Total for Group 0015:\$8,000.00

Group 0016: Other Erosion Control Costs

0021	B-OC-ERCO OTHER COSTS, EROSION CONTROL	1.000	LS	\$5,000.00000	\$5,000.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
<i>Erosion Control Plan (project \$50,000 - \$1 mil)</i>					
					Total for Group 0016:\$5,000.00
Group 0017: Underdrains					
0022	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	2,432.000	FT	\$10.00000	\$24,320.00
					Total for Group 0017:\$24,320.00
Group 0018: Culverts - Type A: < 5'					
0023	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	0.000	FT	\$400.00000	\$0.00
					Total for Group 0018:\$0.00
Group 0019: Culverts, Type A: 5' - 10'					
0024	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	0.000	FT	\$900.00000	\$0.00
					Total for Group 0019:\$0.00
Group 0020: Culverts, Type A: 10' - 20'					
0025	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	0.000	FT	\$1,400.00000	\$0.00
					Total for Group 0020:\$0.00
Group 0021: Median Drainage					
0026	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	1.000	LS	\$0.00000	\$0.00
					Total for Group 0021:\$0.00
Group 0022: BMP's					
0027	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	1.000	LS	\$5,000.00000	\$5,000.00
					Total for Group 0022:\$5,000.00
Group 0023: Closed Storm System					
0028	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	1.000	LS	\$85,000.00000	\$85,000.00
					Total for Group 0023:\$85,000.00
Group 0024: Other Drainage Costs					
0029	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE <i>Paved Gutter Type 1-2</i>	0.000	FT	\$35.00000	\$0.00
0030	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE <i>Paved Gutter Type 1-4</i>	0.000	FT	\$48.00000	\$0.00
					Total for Group 0024:\$0.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0025: Mainline - Travel Lanes

0032	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	2,051.000	SY	\$45.00000	\$92,295.00
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Total for Group 0025:\$92,295.00

Group 0026: Mainline - Outside Shoulder

0033	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0026:\$0.00

Group 0027: Mainline - Inside Shoulder

0034	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0027:\$0.00

Group 0028: Ramps

0035	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	0.000	SY	\$45.00000	\$0.00
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Total for Group 0028:\$0.00

Group 0029: Non - Mainline Lanes

0036	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	0.000	SY	\$45.00000	\$0.00
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Total for Group 0029:\$0.00

Group 0030: Concrete Overlay

0037	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0030:\$0.00

Group 0031: Rubblize & Roll

0038	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0031:\$0.00

Group 0032: Joint Repair

0039	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0032:\$0.00

Group 0033: Slab Replacement

0040	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0033:\$0.00

Group 0034: Overlay

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	Description Supplemental Description				
0041	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>includes milling</i>	4,242.000	SY	\$14.00000	\$59,388.00

Total for Group 0034:\$59,388.00

Group 0035: Dowel Bar Retrofit

0042	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0035:\$0.00

Group 0036: Diamond Grinding

0043	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0036:\$0.00

Group 0037: Undersealing

0044	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	1.000	LS	\$0.00000	\$0.00
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Total for Group 0037:\$0.00

Group 0038: Other Pavement Costs

0045	D-OC-PVMT OTHER COSTS, PAVEMENT <i>Driveways</i>	216.000	SY	\$80.00000	\$17,280.00
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Total for Group 0038:\$17,280.00

Group 0039: Water Works

0046	E-MC-WATR MAJOR COST DRIVERS, WATER LINE	1.000	LS	\$15,000.00000	\$15,000.00
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Total for Group 0039:\$15,000.00

Group 0040: Sanitary Line

0048	F-MC-SANI MAJOR COST DRIVERS, SANITARY SEWER	1.000	LS	\$2,000.00000	\$2,000.00
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Total for Group 0040:\$2,000.00

Group 0041: Lighting - Full Interchange

0050	G-MC-LTNG MAJOR COST DRIVERS, LIGHTING	0.000	LS	\$400,000.00000	\$0.00
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Total for Group 0041:\$0.00

Group 0042: Lighting - Partial Interchange

0051	G-MC-LTNG MAJOR COST DRIVERS, LIGHTING	0.000	EACH	\$300,000.00000	\$0.00
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Total for Group 0042:\$0.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
Group 0043: Lighting - Continuous Roadway					
0052	G-MC-LTNG MAJOR COST DRIVERS, LIGHTING	0.000	FT	\$100.00000	\$0.00
Total for Group 0043:					\$0.00
Group 0044: Other Lighting Costs					
0053	G-OC-LTNG OTHER COSTS, LIGHTING	1.000	LS	\$0.00000	\$0.00
Total for Group 0044:					\$0.00
Group 0045: Traffic Surveillance					
0054	H-MC-SURV MAJOR COST DRIVERS, TRAFFIC SURVEILLANCE	1.000	LS	\$0.00000	\$0.00
0055	H-OC-SURV OTHER COSTS, TRAFFIC SURVEILLANCE	1.000	LS	\$0.00000	\$0.00
Total for Group 0045:					\$0.00
Group 0046: Signs					
0056	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL	0.270	MILE	\$200,000.00000	\$54,000.00
Total for Group 0046:					\$54,000.00
Group 0047: Pavement Marking					
0057	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Edge Line</i>	0.600	MILE	\$3,000.00000	\$1,800.00
0058	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Lane Line</i>	0.220	MILE	\$1,250.00000	\$275.00
0059	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Center Line</i>	0.300	MILE	\$3,200.00000	\$960.00
0060	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Channelizing Line</i>	1,381.000	FT	\$1.25000	\$1,726.25
0061	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Stop Line</i>	112.000	FT	\$5.00000	\$560.00
0062	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Transverse Line</i>	0.000	FT	\$4.50000	\$0.00
0063	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Dotted Line</i>	289.000	FT	\$1.50000	\$433.50
0064	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Lane Arrow</i>	25.000	EACH	\$75.00000	\$1,875.00
0065	J-MC-TRAF MAJOR COST DRIVERS, TRAFFIC CONTROL <i>Word on Pavement</i>	11.000	EACH	\$95.00000	\$1,045.00
Total for Group 0047:					\$8,674.75

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0048: Other Traffic Control Costs

0066	J-OC-TRAF OTHER COSTS, TRAFFIC CONTROL	1.000	LS	\$0.00000	\$0.00
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Total for Group 0048:\$0.00

Group 0049: Signals - Intersections

0068	K-MC-SGNL MAJOR COST DRIVERS, SIGNALS <i>Summerside & Old SR 74</i>	1.000	EACH	\$200,000.00000	\$200,000.00
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Total for Group 0049:\$200,000.00

Group 0050: Other Traffic Signal Costs

0069	K-OC-SGNL OTHER COSTS, SIGNALS <i>Modify Existing Signal - Old SR 74 & SR 32</i>	1.000	EACH	\$100,000.00000	\$100,000.00
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0070	K-OC-SGNL OTHER COSTS, SIGNALS <i>Remove Existing Signal</i>	0.000	EACH	\$50,000.00000	\$0.00
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Total for Group 0050:\$100,000.00

Group 0051: Landscaping

0071	L-MC-LSCP MAJOR COST DRIVERS, LANDSCAPING	0.000	LS	\$0.00000	\$0.00
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Total for Group 0051:\$0.00

Group 0052: Retaining Walls

0074	M-MC-WALL MAJOR COST DRIVERS, RETAINING WALLS	0.000	SF	\$200.00000	\$0.00
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Total for Group 0052:\$0.00

Group 0053: Other Retaining Wall Costs

0076	M-OC-WALL OTHER COSTS, RETAINING WALLS	1.000	LS	\$0.00000	\$0.00
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Total for Group 0053:\$0.00

Group 0054: Building Demolition

0077	N-MC-DEMO MAJOR COST DRIVERS, BUILDING DEMOLITION <i>Residential</i>	0.000	EACH	\$10,000.00000	\$0.00
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0078	N-MC-DEMO MAJOR COST DRIVERS, BUILDING DEMOLITION <i>Service Station Island & Tanks</i>	0.000	EACH	\$50,000.00000	\$0.00
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0079	N-MC-DEMO MAJOR COST DRIVERS, BUILDING DEMOLITION <i>Commercial</i>	0.000	EACH	\$25,000.00000	\$0.00
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0080	N-MC-DEMO MAJOR COST DRIVERS, BUILDING DEMOLITION <i>Sheds</i>	0.000	EACH	\$750.00000	\$0.00
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0081	N-MC-DEMO MAJOR COST DRIVERS, BUILDING DEMOLITION	0.000	EACH	\$2,500.00000	\$0.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Garages

Total for Group 0054:\$0.00

Group 0055: Noise Barrier

0082	P-MC-NSBR MAJOR COST DRIVERS, NOISE BARRIER	1.000	LS	\$0.00000	\$0.00
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Total for Group 0055:\$0.00

Group 0056: Other Noise Barrier Costs

0083	P-OC-NSBR OTHER COSTS, NOISE BARRIER	1.000	LS	\$0.00000	\$0.00
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Total for Group 0056:\$0.00

Group 0057: New Structures

0084	R-MC-STRC MAJOR COST DRIVERS, STRUCTURES	0.000	SF	\$250.00000	\$0.00
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Total for Group 0057:\$0.00

Group 0058: Rehabilitated Structures

0089	R-MC-STRC MAJOR COST DRIVERS, STRUCTURES	1.000	LS	\$0.00000	\$0.00
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Total for Group 0058:\$0.00

Group 0060: Temporary Road and Pavement Costs

0090	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	0.000	SY	\$60.00000	\$0.00
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Total for Group 0060:\$0.00

Group 0061: Portable Concrete Barrier (PCB)

0091	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	0.000	FT	\$9.00000	\$0.00
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Total for Group 0061:\$0.00

Group 0062: Impact Attenuators

0092	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>Temporary Uni-directional</i>	0.000	EACH	\$6,500.00000	\$0.00
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Total for Group 0062:\$0.00

Group 0063: Sheeting

0093	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	0.000	LS	\$100,000.00000	\$0.00
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Total for Group 0063:\$0.00

Group 0064: Temporary Signals

0094	S-MC-MNTC	0.000	MNTH	\$19,000.00000	\$0.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC
2 signals

Total for Group 0064:\$0.00

Group 0065: Work Zone Lighting

0095	S-MC-MNTC	1.000	LS	\$0.00000	\$0.00
MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC					

Total for Group 0065:\$0.00

Group 0066: Innovative Contracting Incentatives

0096	S-MC-MNTC	0.000	LS	\$1,500,000.00000	\$0.00
MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC					

Total for Group 0066:\$0.00

Group 0067: Other MOT Costs

0097	S-OC-MNTC	4.000	MNTH	\$1,800.00000	\$7,200.00
OTHER COSTS, MAINTENANCE OF TRAFFIC					
<i>Arrow Board (2 each)</i>					

0098	S-OC-MNTC	4.000	MNTH	\$3,600.00000	\$14,400.00
OTHER COSTS, MAINTENANCE OF TRAFFIC					
<i>Portable Changeable Message Sign (2 each)</i>					

Total for Group 0067:\$21,600.00

Group 0068: Wetland Construction

0099	T-MC-WTLD	0.000	ACRE	\$75,000.00000	\$0.00
MAJOR COST DRIVERS, WETLAND CONSTRUCTION					

0100	T-OC-WTLD	0.000	FT	\$1,000.00000	\$0.00
OTHER COSTS, WETLAND CONSTRUCTION					
<i>Stream Restoration</i>					

Total for Group 0068:\$0.00

Group 0069: Misc. Costs

0101	U-MC-MISC	1.000	LS	\$6,000.00000	\$6,000.00
MAJOR COST DRIVERS, MISCELLANEOUS COSTS					
<i>Performance Bond: 0.75% of total project cost (\$798,480)</i>					

0102	U-MC-MISC	4.000	MNTH	\$1,600.00000	\$6,400.00
MAJOR COST DRIVERS, MISCELLANEOUS COSTS					
<i>Field Office Type B</i>					

0103	U-MC-MISC	1.000	LS	\$20,000.00000	\$20,000.00
MAJOR COST DRIVERS, MISCELLANEOUS COSTS					
<i>Mobilization: from CMS Item 624 for total project cost (\$798,480)</i>					

0104	U-MC-MISC	1.000	LS	\$6,000.00000	\$6,000.00
MAJOR COST DRIVERS, MISCELLANEOUS COSTS					
<i>Construction Layout Stakes: 0.75% of total project cost (\$798,480)</i>					

0105	U-MC-MISC	1.000	LS	\$24,000.00000	\$24,000.00
MAJOR COST DRIVERS, MISCELLANEOUS COSTS					
<i>Maintaining Traffic: 3.0% of total project cost (\$798,480)</i>					

Total for Group 0069:\$62,400.00

Group 0070: Design Contingency Costs

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	<u>Description</u>				
	<u>Supplemental Description</u>				
0107	V-MC-CNTG	1.000	LS	\$195,520.25000	\$195,520.25
	MAJOR COST DRIVERS, CONTINGENCY COSTS				
	<i>PDP Design Contingency (step 6): 20% of total construction cost</i>				

Total for Group 0070:\$195,520.25

AICHOLTZ CONNECTOR

PRELIMINARY PREFERRED ALTERNATIVE



**CLERMONT COUNTY
TRANSPORTATION IMPROVEMENT DISTRICT**

Resolution Number 2014-13

**A RESOLUTION DESIGNATING AND APPROVING INCLUSION IN THE RTIP OF
THE FOLLOWING CLERMONT COUNTY TRANSPORTATION IMPROVEMENT
PROJECTS: BELLS LANE/SR32 IMPROVEMENT PROJECT (CCTID No. 90260) AND
ITS - Phase 3 (CCTID No. 90270); AND, AUTHORIZING PROJECT APPLICATION
WITH OKI FOR CMAQ PROJECT FUNDING**

WHEREAS, the Clermont County Transportation Improvement District (“CCTID”) is authorized by Ohio Revised Code (“ORC”) Chapter 5540 (1) to finance, construct, maintain, repair, and operate street, highway, and other transportation projects and (2) to construct, reconstruct, improve, alter, and repair roads, highways, public places, buildings, and other infrastructure;

WHEREAS, the projects undertaken by the CCTID pursuant to ORC Chapter 5540 are essential and will contribute to the improvement of the prosperity, health, safety, and welfare of the people of Clermont County (the “County”) and of the State of Ohio (the “State”) and are essential governmental functions; and the exercise by the CCTID of the authority granted by ORC Chapter 5540 is necessary for the prosperity, health, safety, and welfare of the County and the State and their people and is consistent with and will promote industry, commerce, distribution, and research activity in the County, its environs and the State;

WHEREAS, the CCTID consistent with its purpose and mission, which includes the development of its projects under ORC Chapter 5540 as established by its Board of Trustees, is assisting and cooperating to the greatest extent possible with the local project sponsors, including, but not limited to, the County, the Office of the Clermont County Engineer (the “CCEO”), the City of Milford, Ohio (the “City), Union Township, Clermont County, Ohio (the “Township”), Miami Township, Clermont County, Ohio and the Union Township Community Improvement Corporation (the “UTCIC”) (the “Local Project Sponsors”), and coordinating as appropriate with the Ohio Department of Transportation, including its Office of Jobs & Commerce (“ODOT”), in the development of the specific transportation improvement projects and the related long-term financial strategy for the Regional Transportation Improvement Program or the “RTIP,” within the County, and these various local political subdivisions within the County, as well as Hamilton County with respect to the inter-county Eastern Corridor Multi-Modal Project, which it believes is all consistent and compatible with the transportation improvements and related economic development initiatives within the County, in general, and within local political subdivisions, including, but not limited to, the Townships and the City (the “RTIP”);

WHEREAS, the CCTID pursuant to ORC§5540.03(A)(4), in coordination with the County, the CCEO, and the Township is accordingly hereby designating, as a CCTID project, the Bells

Lane/SR32 Improvement Project (CCTID No. 90260), turn lane improvements to SR 32 and Bells Lane at the SR 32 intersection with related road improvements to Bell's Lane from SR 32 to Old SR 74 and the ITS-Phase 3 Improvement Project (PID No. 90270), will add emergency preemption, enhance the safety of non-signalized pedestrian crossings, and build upon the system of interconnected and synchronized traffic signals, in cooperation with ODOT and OKI, and as further described and set forth in plans and documents on file with the CCTID, the Township, CCEO and ODOT (the "Projects"), and that the respective Projects both be added to and made part of the RTIP and that the RTIP accordingly be updated to reflect the same.

WHEREAS, the CCTID, in said cooperative effort with the Township, CCEO and ODOT, is accordingly further preparing to administer and manage the Projects, that may include, as appropriate and feasible, but is not limited to, continued planning, development, implementation, engineering, acquisition of right of way, which includes the coordination and accommodation of utilities, and construction of the Project;

WHEREAS, OKI has announced the availability of federal Congestion Mitigation and Air Quality (CMAQ) funds for FY 18, FY19, and FY20 which requires eligible jurisdictions, such as the CCTID, requesting such project funding to make application to OKI for such funding on or before June 2, 2014, which the CCTID is proposing to submit for the Project;

WHEREAS, the CCTID, pursuant to ORC §5540.03 is authorized to take such actions, receive such funding, and enter into all agreements necessary or incidental to performance of its functions and the execution of its powers to effect its purposes and transportation projects under ORC Chapter 5540; and

NOW, THEREFORE, BE IT RESOLVED by the CCTID Board that the Bells Lane/SR32 Improvement Project (CCTID No. 90260), turn lane improvements to SR 32 and Bells Lane at the SR 32 intersection with related road improvements to Bell's Lane from SR 32 to Old SR 74 and the ITS-Phase 3 Improvement Project (PID No. 90270), which will add emergency preemption, enhance the safety of non-signalized pedestrian crossings, and build upon the system of interconnected and synchronized traffic signals, in cooperation with ODOT and OKI, and as further described and set forth in plans and documents on file with the CCTID, the Township, CCEO and ODOT (the "Projects") are hereby designated as a transportation improvement projects of the CCTID, pursuant to ORC§5540.03(A)(4) and both the Projects are hereby added to and made part of the RTIP to be developed, implemented and constructed pursuant to and in accordance with ORC Chapter 5540 as a CCTID project and that the RTIP shall accordingly be updated to reflect the same;

BE IT FURTHER RESOLVED, that the Board accordingly hereby authorizes and directs that an application be prepared by the CCTID Chairman and/or Secretary-Treasurer, in consultation with the CCEO, ODOT, and the Township, and be submitted, to OKI for CMAQ funding for each of the Projects, and that the taking of any such action and the execution and delivery or acceptance of any such documents or instruments by the CCTID Chairman, Vice-Chairman and/or Secretary-Treasurer shall be conclusive evidence of the CCTID Board's determination that such actions are necessary in order for the CCTID to carry out the purposes of this resolution and of the authorization thereof by the CCTID Board.

It is found and determined that all formal actions of this Board concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board that resulted in such formal action, were in meetings open to the public, in compliance with the law, including § 121.22 of the Ohio Revised Code.

Adopted at a regularly adjourned meeting of the Board of Trustees of the Clermont County Transportation Improvement District, Clermont County, Ohio, this 9th day of May, 2014.

Clermont County Transportation Improvement District
Chairman

Attest:

Clermont County Transportation Improvement District
Secretary-Treasurer

Motion to Pass Resolution: _____

Seconded by: _____