

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
DISTRICT 7

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POLYESTER PAVEMENT MARKING
D07-PPM-FY19

AUG-VAR
CHP-VAR
CLA-VAR
DAR-VAR
LOG-VAR

MER-VAR
MIA-VAR
MOT-VAR
SHE-VAR

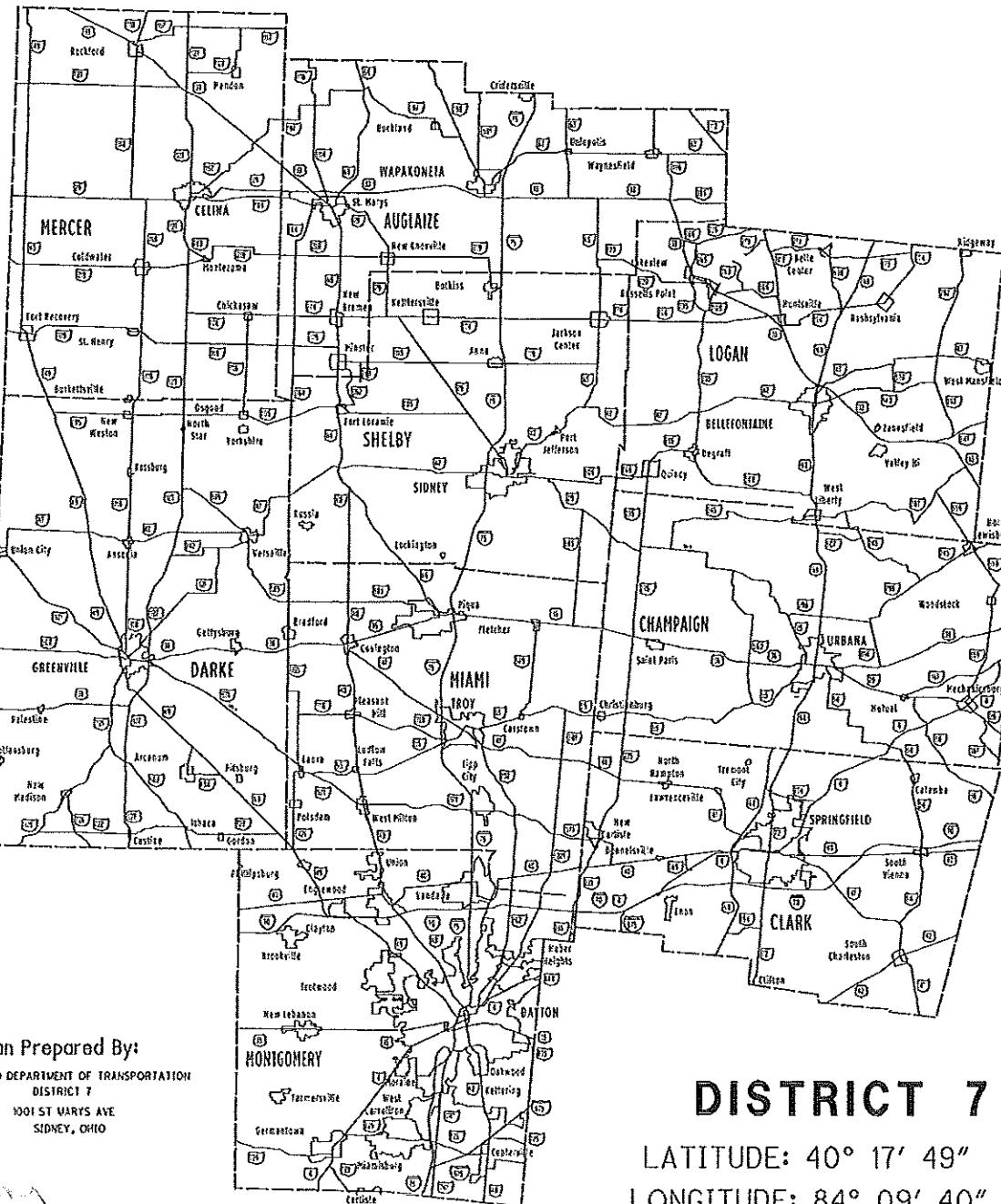
FEDERAL PROJECT NO.

103263

NONE

D07-PPM-FY19

Project Earth Disturbed Area = N/A (Maintenance Project)
Estimated Contractor Earth Disturbed Area = N/A (Maintenance Project)
Notice of Intent Earth Disturbed Area = N/A (Maintenance Project)



The Standard 2016 Specifications of the State of Ohio, Department of Transportation, including changes and Supplemental Specifications listed in the plans and proposal shall govern these improvements.

I hereby approve these plans and declare that the making of these improvements will not require the closing to traffic of the highways and that provisions for the maintenance and safety of traffic will be as set forth on plans and estimate.

1-2-19

Date Approved

1-2-19

Date Approved

Randy Chevalley, P.E. PS./RPH
District Deputy Director of Transportation

John M. Hartman Jr.
Director, Department of Transportation

Supplemental Specifications	
800	1/18/19
821	4/20/12
832	10/19/18
921	4/20/12

Standard Construction Drawings

DM-4.3	1/15/16	MT-95.60	7/19/13	MT-105.10	7/19/13
DM-4.4	1/15/16	MT-97.10	7/18/14		
		MT-98.11	1/20/17		
		MT-98.20	7/18/14	TC-71.10	1/19/18
MT-95.30	7/21/17				
MT-95.31	7/21/17			TC-72.20	7/20/18
MT-95.32	7/21/17	MT-99.20	7/20/18		

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D07 - PPM FY19
190230 PID - 103263
Dist 7 4/4/2019

Contract Proposal Available @
www.contracts.dot.state.oh.us/home

In addition to the requirements of 640, the following shall apply:

MAINTENANCE OF TRAFFIC

Traffic shall be maintained in accordance with this plan, 614, and the OMUTCD, part 6. The flashing arrow panel, including caution bar mode, shall not be used on two lane, two way roads.

ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

Use of Law Enforcement Officers (LEOs) by Contractors other than the uses specified below will not be permitted at the project cost. LEO's should not be used where the OMUTCD intends that flaggers be used.

In addition to the requirements of CMS 614 and the OMUTCD, a uniformed LEO with an official patrol car (car with top-mounted emergency flashing lights and complete markings of the appropriate law enforcement agency) shall be provided for the following traffic control tasks:

During the entire advance preparation and closure sequence where complete blockage of traffic is required.

During a traffic signal installation when impacting the normal function of the signal or the flow of traffic or when traffic needs to be directed through an energized traffic signal contrary to the signal display (E.G. directing motorists through a red light).

In addition to the requirement of CMS 614 and the OMUTCD, a uniformed LEO with an official patrol car (car with top-mounted emergency flashing lights and complete markings of the appropriate law enforcement agency) should be provided for the following traffic control tasks as approved by the Engineer:

For lane closures: during initial set-up periods, tear down periods, substantial shifts of a closure point or when new lane closure arrangements are initiated for long-term lane closures/shifts (for the first and last day of major changes in traffic control setup).

In general, LEO's should be positioned in advance of and on the same side as the lane restriction or road closure and to manually control traffic movements through signalized intersections in work zones.

LEO's should not forgo their traffic control responsibilities to apprehend motorists for routine traffic violations. However, if a motorist's actions are considered to be reckless, then pursuit of the motorist is appropriate.

The LEO's work at the direction of the Contractor. The Contractor is responsible for securing the services of the LEO's with the appropriate agencies and communicating the intentions of the plans with respect to duties of the LEO's. The Engineer shall have final control over the LEO's duties and placement, and will resolve any issues that may arise between the two parties.

Ensure provided LEO have been trained appropriate to the job decisions they are required to make while on the project with CMS 614.03.

The LEO shall report in to the Contractor prior to the start of the shift, in order to receive instructions regarding specific work assignments during his/her shift. The LEO is expected to stay at the project site for the entire duration of his/her shift. The LEO shall report to the Contractor at the end of his/her shift. Once the LEO has completed the duties described above and still has time remaining on his/her shift, the LEO may be asked to patrol through the work zone (with flashing lights off) or be placed at a location to deter motorists from speeding. Should it be necessary to leave the project site, the LEO shall notify the Engineer. The Contractor shall provide the LEO with a two-way communication device which shall be returned to the contractor at the end of his/her shift.

LEO's (with patrol car) required by the traffic maintenance tasks above shall be paid for on a unit price (hourly) basis under item 614, Law Enforcement Officer (with patrol car) for assistance. The following estimated quantities have been carried to the General Summary.

Item 614, Law Enforcement Officer With Patrol Car for Assistance = 24 hours.

The hours paid shall include any minimum show-up time required by the Law Enforcement agency involved.

Any additional costs (administrative or otherwise) incurred by the Contractor to obtain the services of an LEO are included with the bid unit price for item 614, Law Enforcement Office With Patrol Car For Assistance.

MAINTENANCE OF TRAFFIC, AS PER PLAN

IT IS THE INTENT TO PERFORM THE REQUIRED WORK WITH THE LEAST INCONVENIENCE TO AND THE MAXIMUM SAFETY TO THE CONTRACTOR AND THE TRAVELING PUBLIC. ANY VARIANCE FROM THESE MAINTENANCE OF TRAFFIC NOTES MUST BE APPROVED IN ADVANCE, IN WRITING, BY THE ENGINEER. EXCEPT AS MODIFIED BELOW, THE REQUIREMENTS FOR MAINTENANCE OF TRAFFIC AS INDICATED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND PERTINENT ITEMS, SPECIFICATIONS AND PROPOSALS SHALL APPLY.

ALL VEHICLES, EQUIPMENT, WORKERS AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TRAFFIC SHALL BE MAINTAINED IN A UNIFORM PATTERN THROUGHOUT THE ENTIRE LENGTH OF THE PROJECT AND IS NOT TO BE SUBJECTED TO CONSTANT LANE SHIFTING.

THE CONTRACTOR SHALL ARRANGE TRAFFIC CONTROL DEVICES SO THAT TRAFFIC TO AND FROM THE FREEWAY IS MAINTAINED AT ALL TIMES.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE, ERECT, AND MAINTAIN IN PROPER POSITION, CLEAN, LEGIBLE, AND IN GOOD WORKING CONDITION AND SUBSEQUENTLY REMOVE ALL LIGHTS, SIGNS, BARRICADES, CONES, AND OTHER TRAFFIC CONTROL DEVICES BEFORE BEGINNING WORK AND REMOVE IMMEDIATELY AS SOON AS WORK IS SUSPENDED OR COMPLETED. PLACEMENT OF ALL TRAFFIC CONTROL DEVICES SHALL START AND PROCEED IN THE DIRECTION OF THE FLOW OF TRAFFIC. REMOVAL OF TRAFFIC CONTROL DEVICES SHALL START AT THE END OF THE CONSTRUCTION AREA AND PROCEED TOWARD THE ONCOMING TRAFFIC. WHEN PERFORMING WORK IN THE CENTER LANE, UNDER NO CIRCUMSTANCES WILL THE CENTER LANE BE CLOSED WITHOUT CLOSING ONE (1) OF THE ADJACENT LANES AND BERMS.

MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH ITEM 614 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS BOOK AND SHALL INCLUDE THE FOLLOWING NOTES:

- a) NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING HOLIDAYS OR EVENTS:

CHRISTMAS	FOURTH OF JULY
NEW YEARS	LABOR DAY
MEMORIAL DAY	THANKSGIVING

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF THE WEEK	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00AM FRIDAY
THURSDAY (THANKSGIVING ONLY)	6:00AM WEDNESDAY THROUGH 6:00AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY

- b) THE CONTRACTOR SHALL PERFORM NO WORK ON ROADS IN MONTGOMERY COUNTY, MIAMI COUNTY, SOUTH OF SR55, OR CLARK COUNTY, WEST OF US68 FROM 12:00N THURSDAY TO 6:00AM MONDAY DURING THE WEEKEND OF THE DAYTON AIR SHOW.
- c) LANE CLOSURES SHALL ONLY BE IMPLEMENTED AT THE TIMES LISTED ON THE OHIO DEPT. OF TRANSPORTATION'S PERMITTED LANE CLOSURE WEBSITE WHICH IS LOCATED AT:

<http://plcm.dot.state.oh.us/>

THE PERMITTED CLOSURE TIMES LISTED ON THE WEBSITE, 14 DAYS PRIOR TO THE BID LETTING DATE, SHALL BE IN EFFECT FOR THIS PROJECT.

NO WORK WITHIN ACTIVE TRAVEL LANES, OR WHICH WILL SLOW TRAFFIC, IS PERMITTED AT ANY OTHER TIMES.

- d) FOR AUXILIARY MARKING: THE CONTRACTOR SHALL NOT WORK ON THE FOLLOWING ROADS FROM 6:00AM TO 9:00AM AND FROM 3:00PM TO 6:00PM ON WEEKDAYS UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

I675	MOT CO. (SLM 0.00 - 7.77)	CLA CO. (SLM 0.00 - 1.49)
I70	MOT CO. (SLM 0.00 - 23.55)	CLA CO. (SLM 0.00 - 29.25)
I75	MOT CO. (SLM 0.00 - 24.42)	MIA CO. (SLM 0.00 - 19.96)
	SHE CO. (SLM 0.00 - 20.55)	AUG CO. (SLM 0.00 - 12.55)
US35	MOT CO. (SLM 0.00 - 11.33)	
US40	MOT CO. (SLM 0.00 - 20.24)	MIA CO. (SLM 0.00 - 6.32)
	CLA CO. (SLM 0.00 - 10.88)	
SR4	MOT CO. (SLM 0.00 - 24.38)	CLA CO. (SLM 0.00 - 18.18)
SR48	MOT CO. (SLM 0.00 - 26.25)	MIA CO. (SLM 0.00 - 1.04)
SR49	MOT CO. (SLM 0.00 - 15.96)	
SR123	MOT CO. (SLM 0.00 - 2.08)	
SR235	MOT CO. (SLM 0.00 - 2.52)	
SR725	MOT CO. (SLM 0.00 - 22.31)	
SR741	MOT CO. (SLM 0.00 - 9.54)	

THE ONLY EXCEPTION TO THE ABOVE TIMES ARE SR725 FROM MIAMISBURG TO CENTERVILLE AND SR741 FROM LYONS ROAD TO SR725. WORK ON THESE ROUTES SHALL BE FROM DAWN TO NOON ON SUNDAY OR 10:00PM TO 6:00AM MONDAY NIGHT THROUGH FRIDAY MORNING UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

- e) IN ADDITION, THE CONTRACTOR SHALL INSTALL LANELINE FOR THE LOCATIONS AS LISTED BELOW:

MOT725	MOT CO. (14.81 - 16.48)	10:00PM TO 6AM MONDAY THROUGH THURSDAY OR 12:00AM TO 10:00AM SUNDAY
MOT741	MOT CO. (0.00 - 6.20)	10:00PM TO 6AM MONDAY THROUGH THURSDAY OR 12:00AM TO 10:00AM SUNDAY

- f) PORTABLE CHANGEABLE MESSAGE SIGN: THE USE OF PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED ON THIS PROJECT. THE PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE WITHIN $\frac{1}{2}$ MILE TO 1 MILE IN ADVANCE OF THE LANE RESTRICTION ON MULTILANE DIVIDED AND UNDIVIDED AT ALL TIMES.

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE WHEN NO LONGER NEEDED, A CHANGEABLE MESSAGE SIGN. THE SIGN SHALL BE OF THE TYPE SHOWN ON A LIST OF APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIAL MANAGEMENT WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCES OF 800 FT. AND 650 FT. RESPECTIVELY.

EACH SIGN SHALL BE TRAILER-MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM, TO DIM THE SIGN DURING DARKNESS, AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATING INSTRUCTIONS TO ENABLE ON-SITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. THE PCMS SHALL BE DELINEATED IN ACCORDANCE WITH CMS 614.03.

PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISABLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE VISIBILITY OR ACCOMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS SHALL BE TURNED OFF. ADDITIONALLY, WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED AWAY FROM ALL TRAFFIC.

THE ENGINEER SHALL BE PROVIDED ACCESS TO EACH SIGN UNIT AND SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ODOT PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT, AND TO REVISE SIGN MESSAGES, IF NECESSARY.

ALL MESSAGES DISPLAYED ON THE SIGN WILL BE PROVIDED BY THE ENGINEER. A LIST OF ALL REQUIRED PRE-PROGRAMMED MESSAGES WILL BE GIVEN TO THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. THE SIGN SHALL HAVE THE CAPACITY TO STORE UP TO 99 MESSAGES. MESSAGE MEMORY OR PRE-PROGRAMMED DISPLAYS SHALL NOT BE LOST AS A RESULT OF POWER FAILURES TO THE ON-BOARD COMPUTER. THE SIGN LEGEND SHALL BE CAPABLE OF BEING CHANGED IN THE FIELD. THREE-LINE PRESENTATION FORMATS WITH UP TO SIX MESSAGE PHASES SHALL BE SUPPORTED. PCMS FORMAT SHALL PERMIT THE COMPLETE MESSAGE FOR EACH PHASE TO BE READ AT LEAST TWICE.

THE PCMS SHALL CONTAIN AN ACCURATE CLOCK AND PROGRAMMING LOGIC WHICH WILL ALLOW THE SIGN TO BE ACTIVATED, DEACTIVATED, OR MESSAGE CHANGED AUTOMATICALLY AT DIFFERENT TIMES OF DAY FOR DIFFERENT DAYS OF THE WEEK.

THE PCMS UNIT SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR IN ACCORDANCE WITH THE PROVISIONS OF CMS 614.07. THE CONTRACTOR SHALL, PRIOR TO ACTIVATING THE UNIT, MAKE ARRANGEMENTS, WITH AN AUTHORIZED SERVICE AGENT FOR THE PCMS, TO ASSURE PROMPT SERVICE IN THE EVENT OF FAILURE. ANY FAILURE SHALL NOT RESULT IN THE SIGN BEING OUT OF SERVICE FOR MORE THAN 12 HOURS, INCLUDING WEEKENDS. FAILURE TO COMPLY MAY RESULT IN AN ORDER TO STOP WORK AND OPEN ALL TRAFFIC LANES AND/OR IN THE DEPARTMENT TAKING APPROPRIATE ACTION TO SAFELY CONTROL TRAFFIC. THE ENTIRE COST TO CONTROL TRAFFIC, ACCRUED BY THE DEPARTMENT DUE TO THE CONTRACTOR'S NONCOMPLIANCE, WILL BE DEDUCTED FROM MONEY DUE, OR TO BECOME DUE THE CONTRACTOR ON HIS CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR 24-HOUR-PER-DAY OPERATION AND MAINTENANCE OF THESE SIGN ON THE PROJECT FOR THE DURATION OF THE PHASES WHEN THE PLAN REQUIRES THEIR USE.

- g) LANE CLOSURES SHALL BE A MAXIMUM OF 2 MILES IN LENGTH OR AS OTHERWISE DIRECTED BY THE ENGINEER.

PAYMENT FOR ALL THE ABOVE INCLUDING PROVIDING, ERECTING, MAINTAINING, AND REMOVING ALL LIGHTS, SIGNS, BARRICADES, DRUMS, CONES PORTABLE CHANGEABLE MESSAGE SIGN AND ALL OTHER TRAFFIC CONTROL DEVICES, SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 MAINTAINING TRAFFIC, AS PER PLAN.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIME TABLE		
ITEM	DURATION OF CLOSURE	NOTICE DUE TO D7 PERMITS & PIO
RAMP & ROAD CLOSURES	>= 2 WKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HRS & < 2 WKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HRS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES AND RESTRICTIONS	>= 2 WKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

RAILROAD SYMBOL MARKING				SCHOOL SYMBOL MARKING					GENERAL NOTES
COUNTY	ROUTE	SLM	QUANTITY	COUNTY	ROUTE	SLM	QUANTITY	SCHOOL	
Auglaize	SR-198	6.66	2	Auglaize	SR-66	13.4	1	St Marys High Southbound Only	
Auglaize	SR-219	3.35	2	Champaign	US-68	13.79	2	West Liberty Salem	
Auglaize	SR-219	14.15	2	Clark	SR-235	2.5	1	Park Layne Elementary - Southbound marking ONLY	
				Clark	US-40	2.80	1	Tecumseh High- Eastbound marking Only	
				Clark	US-40	9.32	2	Rockway	
Auglaize	SR-364	15.31	2	Clark	SR-41	26.43	2	Northwestern	
Champaign	SR-4	2.76	2	Darke	SR-47	4.40	2	Mississinawa High	
Champaign	SR-4	4.67	2	Darke	SR-118	2.70	2	Woodland Heights	
Champaign	SR-4	6.08	2	Logan	SR-47	20.5	2	Benjamin Logan	
Champaign	SR-29	3.61	2	Logan	SR-235	14.56	2	Indian Lake School	
Champaign	SR-54	1.56	2	Mercer	SR-119	16.97	1	Marion Local- Eastbound Only	
Champaign	SR-55	6.24	2	Mercer	SR-716	3.54	2	Marion High	
Champaign	SR-56	2.00	2	Mercer	SR-118	23.65	1	Rockford	
Champaign	SR-296	1.16	2						
Clark	SR-54	3.00	2	Miami	SR-201	2.85	2	Bethel Local	
Darke	SR-49	19.05	2	Miami	SR-589	2.48	2	Miami East Local High	
Darke	SR-49	25.40	2	Miami	SR-718	8.46	1	Concord Elementary Eastbound Only	
Logan	SR-47	0.59	2	Montgomery	SR-741	4.58	2	Bower (Southbound Only)	
Logan	US-68	11.43	1	Montgomery	SR-741	4.82	4	Bishop Leibold	
Logan	SR-508	8.69	2						
Mercer	SR-119	0.00	1	Total Carried to General Summary		32			
Shelby	SR-65	7.08	2						
Shelby	SR-274	8.28	2						
Total Carried to General Summary		40							

COORDINATION OF WORK:

The Contractor shall be advised that there are projects within the work limits of this plan that will impact the project schedule. The Contractor shall not apply pavement markings on these sections of roadway until after the date stated below:

Clark County IR-70 0.51 – 10.00 6/30/19

Montgomery County IR-70 6.71 – 10.79 6/30/19

Montgomery County IR-75 7.53 – 11.01 8/1/19

WATER RESOURCES PROTECTION

WATER RESOURCES PROTECTION: The Contractor shall not discharge toxic or hazardous materials such as sealants, paint, solvents, cleaning agents, earthen materials, waste-water, fuels or debris of any kind to waterway or drainage ways. If refueling of immobile equipment is necessary within the floodplain or near any tributary drainage ways, ditches, or stream, the contractor shall provide secondary containment with enough capacity to completely contain and collect all potential liquid wastes in the event of a spill.

Any and all construction debris, earthen debris, excess asphalt or concrete, wood debris from clearing, excess fill material, and trash should be disposed of at an approved upland site or land fill above FEMA 100-year flood elevations. Disposal of any such materials within 1000 feet of a scenic river is prohibited.

In accordance with ORC 3750.06, reportable spills must be reported to the local fire department (911); the local emergency coordinator (Auglaize County: 419-733-3857; Champaign County: 937-605-1786; Clark County: 937-324-7615; Darke County: 937-548-2020; Logan County: 937-935-0221; Mercer County: 419-586-6455; Miami County: 937-339-6400; Montgomery County: 937-901-5112; Shelby County: 937-498-1111], and the Ohio Spill Line (1-800-282-9378).

ITEM 642-PAVEMENT MARKING MISC.: BLACK SHADOW LANE LINES

This item shall consist of applying black shadow markings to white lane lines that are existing or newly painted. The shadow line shall trail the white lane line.

The following quantity is being carried to the General Summary to be used on IR-70 EB/WB in Montgomery County from 17.32 to 23.55 (Concrete section), on IR-75 NB/SB in Miami County from 4.92 to 10.84 (Concrete section)

Item 642-Pavement Marking Misc.: Black Shadow Lane Line....48.40 Mile

GENERAL NOTES

CALCULATED
CHECKED

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AIR SPEED ZONE MARKING

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CHECK

Air speed zone markings shall be white and 24 inches wide measured in the direction of travel and 4 feet in length. On two-lane roadways with paved shoulders less than 4 feet in width, the air speed markings shall be placed with 2 feet on each side of the centerline or edge line markings. When paved shoulders of sufficient width are available, the air speed zone markings shall be placed on the shoulders.

Place the markings at 0.25 mile intervals over a 1 mile length of roadway.

The Contractor shall reapply material to an existing air speed zone marking.

Materials, equipment and application shall be according to the type of pavement marking material used.

Payment shall be according to the pavement marking material used. The five markings placed in each 1 mile of roadway shall equal one zone. One zone shall be measured as 1 Each for Air Speed Zone Marking.

County	Route	SLM	Quantity	Description
Auglaize	IR-75	108.46 to 109.46	2	Northbound south of US-33
Champaign	US-68	10.15 to 11.15	1	North of SR-296
Champaign	SR-235	3.00-4.00	1	North of Old Troy Pike
Champaign	SR-4	1.40-2.40	1	North of SR-54
Clark	SR-4	22.00-23.00	1	Norht of Twichell Road
Clark	IR-70	42.0 - 43.0	2	Eastbound east of SR-235 Interchange
Clark	IR-70	45.00 - 46.00	2	Westbound east of IR-675
Clark	IR-70	57.00 - 58.00	1	Eastbound, 0.37 mile west of Possum Rd
Clark	IR-70	60.75 - 61.75	1	Westbound , between Plattsburg Rd and Titus Rd
Clark	IR-70	68.00 to 69.00	2	Westbound east of SR-54
Logan	US-33	10.50 to 12.80	4	Eastbound and Westbound, 0.5 mile east SR-117 to 2.8 mile west US-68
Logan	US-33	28.00 to 29.00	4	Eastbound and Westbound, east of SR-347
Logan	US-68	13.00 to 14.00	2	Northbound and Southbound, north of TR-57
Mercer	US-33	11.00 to 12.00	1	0.50 West of Palmer Rd to 0.05 East Stikes Rd
Mercer	US-33	13.50-15.00	1.5	0.25 West Bogart Rd to 0.26 East Rice Rd
Mercer	SR-29	16.89 to 17.89	2	Eastbound, east of Riley Rd
Mercer	SR-29	17.00-18.00	1	Westbound, east of Riley Rd
Mercer	US-127	16.50-18.00	1.5	South of Morrow Rd
Miami	IR-75	76.00 to 77.00	4	Northbound and Southbound, north of SR-41
Montgomery	IR-70	19.00 to 20.00	2	Eastbound, east of Number Nine Rd
Montgomery	IR-70	22.00 to 23.00	2	Westbound, 0.19 mile west to 0.81 mile east of Brookville Phillipsburg Rd
Montgomery	IR-70	25.84 to 26.84	2	Eastbound, east of SR-49 to Hoke Rd
TOTAL		41		
TOTAL CARRIED TO GENERAL SUMMARY		41		

GENERAL NOTES

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6" LANELINE SUB-SUMMARY

CALCULATED
CHECKED

6" LANE LINE SUB-SUMMARY

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Loc. No.	LOCATION			S.L.M. SECTION	TOTAL MILES	6" LANELINE QUALNITY				PARTICPATION TYPE				REMARKS		
	COUNTY	ROUTE	S.L.M. SECTION			DASH	SOLID			01/SAF/OT						
			FROM	TO												
AUG	IR-75	0.00	4.51	9.02	9.02				9.02					SHELBY CO LINE TO 0.46 SOUTH OF US-33 UNDERPASS		
AUG	SR-29	0.00	1.88	3.76	3.76				3.76					MERCER CO LINE TO US-33 INTERCHANGE		
AUG	SR-29	0.59		0.08	0.08				0.08					SR-364 INTERCHANGE		
AUG	SR-29	1.88	2.46	1.16	1.16				1.16					US-33/SR-29 EASTBOUND RAMP TO ST MARYS CORP		
AUG	SR-29	5.04	5.22	0.36	0.36				0.36					CR-33A TO END 4 LANE		
AUG	US-33	2.19	3.09	1.80	1.80				1.80					BEGIN 4 LANE TO SR-29 EASTBOUND RAMP		
AUG	US-33	15.16	16.48	2.45	2.45				2.45					EASTBOUND EXIT RAMP SR-67/198/501 TO TO END 4 LANE		
AUG	US-33	15.07		0.14	0.14				0.14					SR-67 INTERCHANGE EAST BOUND ENTRANCE/ WESTBOUND EXIT		
AUG	US-33	16.19		0.29	0.29				0.29					IR-75 INTERCHANGE		
AUG	SR-66	12.65	12.90	0.50	0.50				0.50					ST MARYS NCL TO END 4 LANE		
AUG	SR-67	0.25	0.41	0.30	0.30				0.30					CR-25A TO WAPAKONETA SCL		
TOTAL FOR AUGLAIZE COUNTY			19.86	19.86					19.86							
CHP	US-68	0.00	1.27	2.54	2.54				2.54					CLARKE COUNTY LINE TO END CONCRETE		
CHP	US-68	1.27	1.71	0.33	0.33				0.33					END CONCRETE TO END 4 LANE		
TOTAL FOR CHAMPAIGN COUNTY			2.87	2.87					2.87							

6" LANELINE SUB-SUMMARY

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6" LANE LINE SUB-SUMMARY

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Loc. No.	LOCATION			S.L.M. SECTION	6" LANELINE QUANTITIES				PARTICPATION TYPE				REMARKS	
	COUNTY	ROUTE	FROM		TOTAL MILES	DASH	SOLID			01/SAF/OT				
			FROM	TO										
	CLA	IR-675	0.00	1.00	2.00	2.00				2.00			GREENE CO LINE TO RAMP TO IR70 EB	
	CLA	IR-70	0.51	6.34	23.32	23.32				23.32			.14 W LOWER VALLEY PIKE TO RR BRIDGE	
	CLA	IR-70	6.34	10.54	16.80	16.80				16.80			RR BRIDGE TO REBERT RD OVERPASS	
	CLA	IR-70	13.95	20.79	27.36	27.36				27.36			BEGIN 6 LANE SECTION TO US-40 INTG	
	CLA	IR-70	18.13		0.20	0.20				0.20			SR-41 INTERCHANGE	
	CLA	IR-70	20.79		0.18	0.18				0.18			US-40 INTERCHANGE	
	CLA	IR-70	25.11	29.25	16.56	16.56				16.56			SR-54 TO MADISON CO LINE	
	CLA	IR-70	25.11		0.16	0.16				0.16			SR-54 INTERCHANGE	
	CLA	SR-4	5.54	11.30	11.52	11.52				11.52			IR-70 TO US-40	
	CLA	SR-4	6.91		0.04	0.04				0.04			ENON RD INTERCHANGE	
	CLA	SR-4	8.59		0.26	0.26				0.26			SR-369 INTERCHANGE	
	CLA	SR-4	11.03		0.08	0.08				0.08			LOWER VALLEY INTERCHANGE	
	CLA	SR-4	11.34		0.03	0.03				0.03			US-40 INTERCHANGE	
	CLA	SR-4	17.64	17.70	0.19	0.19				0.19			HOME CROFT RD TO END MULTILANE	
	CLA	US-40	9.82	10.82	2.25	2.25				2.25			BEGIN DIVIDED HIGHWAY TO SPRINGFIELD WCL	
	CLA	US-40	10.36		0.31	0.31				0.31			US-68 INTERCHANGE	
	CLA	US-68	4.51	5.76	2.40	2.40				2.40			BEGIN 4 LANE TO REBERT ROAD OVERPASS	
	CLA	US-68	5.33		0.28	0.28				0.28			IR-70 INTERCHANGE	
	CLA	US-68	15.17		0.09	0.09				0.09			COUNTY LINE RD INTERCHANGE NORTHSIDE	
	CLA	SR-41	20.34	20.65	0.62	0.62				0.62			SPRINGFIELD WCL TO US-68 SOUTHBOUND RAMPS	
	CLA	SR-72	11.51	13.24	3.46	3.46				3.46				
	TOTAL FOR CLARK COUNTY			108.11	108.11				108.11					

6" LANELINE SUB-SUMMARY

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6" LANE LINE SUB-SUMMARY

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Loc. No.	LOCATION			S.L.M. SECTION	6" LANELINE QUANTITIES				PARTICIPATION TYPE				REMARKS	
	COUNTY	ROUTE	FROM		TOTAL MILES	DASH	SOLID		01/SAF/OT					
			TO											
DAR	SR-571	13.33	13.51	0.36	0.36				0.36				US-36 TO SR-571 TURN	
DAR	US-36	13.28	13.41	0.26	0.26				0.26				SR-571 TO END 4 LANE	
TOTAL FOR DARKE COUNTY				0.62	0.62				0.62					
LOG	US-33	10.79	15.77	9.86	9.86				9.86				BEGIN 4 LANE TO US-68 OVERPASS	
LOG	US-33	10.79		0.00	0.00				0.00				SR-117 INTERCHANGE	
LOG	US-33	15.67		0.00	0.00				0.00				US-68 WEST SIDE	
LOG	US-33	15.67		0.04	0.04				0.04				US-68 INTERCHANGE EAST SIDE	
LOG	US-33	15.77	29.71	27.88	27.88				27.88				US-68 OVERPASS TO UNION CO LINE	
LOG	US-33	17.22		0.18	0.18				0.18				SR-540 INTERCHANGE	
LOG	US-33	19.51		0.14	0.14				0.14				CR-10 INTERCHANGE	
LOG	US-33	21.53		0.16	0.16				0.16				SR-292 INTERCHANGE	
LOG	US-33	25.50		0.15	0.15				0.15				SR-347 INTERCHANGE	
LOG	SR-347	3.63	4.54	1.70	1.70				1.70				CR-154 TO END 4 LANE	
LOG	SR-47	14.51	15.22	1.42	1.42				1.42				BELLEFONTAINE CORP TO END 4 LANE	
LOG	SR-540	1.47	2.04	0.83	0.83				0.83				BEGIN LANELINE WEST OF US-33 TO END LANE LINE	
TOTAL FOR LOGAN COUNTY				42.36	42.36				42.36					
MER	SR-29	13.55	14.26	1.42	1.42				1.42				CELINA CORP(.09 EAST SR-707) TO CELINA CORP (RR BRIDGE)	
MER	SR-29	15.53	18.80	6.54	6.54				6.54				CELINA CORP(.25 EAST STAEGER RD) TO AUGLAIZE CO LINE	
MER	SR-29	16.79		0.05	0.05				0.05				RILEY RD CROSSOVER	
MER	SR-29	18.30		0.03	0.03				0.03				HARRIS RD CROSSOVER	
TOTAL FOR MERCER COUNTY				8.04	8.04				8.04					
MIA	IR-75	10.85	13.72	5.74	5.74				5.74				END OF 6 LANE TO CR15 TROY PQUA OVPS	
MIA	IR-75	15.00	19.96	9.92	9.92				9.92				REST AREA TO SHELBY CO LINE	
TOTAL FOR MIAMI COUNTY				15.66	15.66				15.66					

6" LANELINE SUB-SUMMARY

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6" LANE LINE SUB-SUMMARY

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Loc. No.	LOCATION			S.L.M. SECTION	6" LANELINE QUANTITIES				PARTICPATION TYPE				REMARKS
	COUNTY	ROUTE	FROM		TOTAL MILES	DASH	SOLID		01/SAF/OT				
MOT	IR-675	4.11	7.44		13.32	13.32			13.32				PARAGON RD OVPS TO GREENE COUNTY LINE
MOT	IR-675	2.10			0.44	0.44			0.44				SR-725 INTERCHANGE FROM YANKEE ST TO SR-725
MOT	IR-675	4.47			0.08	0.08			0.08				ALEX BELL
MOT	IR-675	4.79			0.28	0.28			0.28				SR-48 INTERCHANGE
MOT	IR-675	7.42			0.24	0.24			0.24				WILMINGTON PIKE INTERCHANGE
MOT	IR-70	0.00	10.79		21.58	21.58			21.58				PREBLE COUNTY LINE TO BEGIN PROJECT (SR-48)
MOT	IR-70	8.21			0.10	0.10			0.10				EAST JUNCTION SR-49
MOT	IR-70	10.79	14.20		12.88	12.88			12.88				SR-48 INTERCHANGE TO PETERS PIKE OVERPASS
MOT	IR-70	14.20	15.53		6.06	6.06			6.06				PETER PIKE OVERPASS TO 370 FT WEST N DIXIE DR OVPS
MOT	IR-70	19.00			0.15	0.15			0.15				ON THE SR-202 ENTRANCE RAMPS TO IR-70
MOT	IR-70	20.97			0.11	0.11			0.11				ON SR-201 ENTRANCE RAMP TO IR-70
MOT	IR-70	23.34			0.16	0.16			0.16				ON SR-235 RAMPS
MOT	IR-75	0.76			0.12	0.12			0.12				AUSTIN PIKE INTERCHANGE ENTRANCE RAMPS CONCRETE SECTION
MOT	IR-75	7.53	10.42		11.56	11.56			11.56				0.23 MILE SOUTH E RIVER RD TO DAYTON SCL
MOT	IR-75	9.31			0.13	0.13			0.13				DRYDEN ROAD INTERCHANGE
MOT	IR-75	9.57			0.06	0.06			0.06				SR-741 INTERCHANGE
MOT	IR-75	10.42	11.75		5.32	5.32			5.32				DAYTON SCL TO BRIDGE OVER US-35
MOT	IR-75	10.78			0.07	0.07			0.07				EDWIN C MOSES INTERCHANGE
MOT	IR-75 NB	13.48	14.95		2.94	2.94			2.94				END PROJECT TO NORTHBOUND EXIT RAMP PHYSICAL GORE TO STANLEY AVE
MOT	IR-75 SB	13.82	14.95		2.97	2.97			2.97				END PROJECT TO NORTHBOUND EXIT RAMP PHYSICAL GORE STANLEY AVE
MOT	IR-75	13.46			0.13	0.13			0.13				MAIN ST INTERCHANGE WHICH IS NOT IN PROJECT
MOT	IR-75	14.36			1.97	1.97			1.97				SR-4 INTERCHANGE WHICH IS NOT IN PROJECT
MOT	IR-75	15.03			0.05	0.05			0.05				STANLEY RD INTERCHANGE NORTHBOUND EXIT RAMP ONLY
MOT	IR-75	18.74			0.32	0.32			0.32				BENCHWOOD WYSE INTERCHANGE CONCRETE SECTION
MOT	IR-75	20.44			4.32	4.32			4.32				IR-70 INTERCHANGE
MOT	US-35	10.15	10.35		0.20	0.20			0.20				OLIVE RD TO SR-49
MOT	US-35	10.35	11.33		1.96	1.96			1.96				SR-49 TO DAYTON WCL
MOT	SR-4	11.58	11.88		0.30	0.30			0.30				SOLDIERS HOME -WEST CARROLTON RD TO DAYTON CL

6" LANELINE SUB-SUMMARY

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6" LANELINE SUB-SUMMARY

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Loc. No.	LOCATION			S.L.M. SECTION	6" LANELINE QUANTITIES				PARTICIPATION TYPE				REMARKS	CALCULATED CHECKED		
	COUNTY	ROUTE	FROM		TOTAL MILES	DASH	SOLID			01/SAF/OT						
			TO													
	SHE	IR-75	0.00	8.88	17.76	17.76			17.76							
	SHE	IR-75	8.88	17.78	17.80	17.80			17.80							
	SHE	IR-75	17.54		0.08	0.08			0.08							
	SHE	IR-75	17.78	20.55	5.54	5.54			5.54							
	SHE	IR-75	19.54		0.23	0.23			0.23							
	TOTAL FOR SHELBY COUNTY			41.41	41.41				41.41							
	TOTAL FOR AUGLAIZE COUNTY			19.86	19.86				19.86							
	TOTAL FOR CHAMPAIGN COUNTY			2.87	2.87				2.87							
	TOTAL FOR CLARK COUNTY			108.11	108.11				108.11							
	TOTAL FOR DARKE COUNTY			0.62	0.62				0.62							
	TOTAL FOR LOGAN COUNTY			42.36	42.36				42.36							
	TOTAL FOR MERCER COUNTY			8.04	8.04				8.04							
	TOTAL FOR MIAMI COUNTY			15.66	15.66				15.66							
	TOTAL FOR MONTGOMERY COUNTY			101.85	101.85				101.85							
	TOTAL FOR SHELBY COUNTY			41.41	41.41				41.41							
	TOTAL CARRIED TO GENERAL SUMMARY			340.78	340.78				340.78							

AUXILIARY SUB-SUMMARY

Loc. No.	LOCATION			PARTICIPATION TYPE	24" STOP LINE	24" TRANSVERSE/ DIAGONAL LINE	12" CROSSWALK LINES	WORD ON PAVEMENT	LANE ARROWS				4" DOTTED LINE	6" DOTTED LINE	12" DOTTED LINE	Bike Lane Symbol	YIELD LINE	REMARKS		CALCULATED CHECKED					
	COUNTY	ROUTE	SLM						ONLY	TURN	THRU	COMB													
			FT.					72"	96"	EACH	EACH	LEFT	RIGHT												
			FT.					WHITE	YELLOW	FT.	EACH	EACH	FT.	FT.	FT.										
AUGLAIZE	SR-29	0.59	01/SAF/OT		122	344																			
AUGLAIZE	SR-29	5.04	01/SAF/OT		44																			SR-364 INTERCHANGE	
AUGLAIZE	SR-29	9.24	01/SAF/OT		36																			CR-33A	
AUGLAIZE	SR-65	1.16	01/SAF/OT		31																			CR-81 GLENWOOD-N KNOXVILLE RD	
AUGLAIZE	SR-65	10.51	01/SAF/OT		52																			SR-720	
AUGLAIZE	SR-66	12.73	/SAF/OT																					SR-67	
AUGLAIZE	SR-66	20.35	01/SAF/OT		46																			US-33	
AUGLAIZE	SR-67	2.77	01/SAF/OT		30																			SR-197 WEST APPROACH	
AUGLAIZE	SR-67	3.45	01/SAF/OT					57	207															CR-25A	
AUGLAIZE	SR-116	9.05	01/SAF/OT		27																			IR-75	
AUGLAIZE	SR-116	10.09	01/SAF/OT		22																			CR-218 BAKER WRIGHT RD	
AUGLAIZE	SR-116	10.53	01/SAF/OT		22																			CR226 DEEP CUT	
AUGLAIZE	SR-117	3.91	01/SAF/OT		41																			CR226 DEEP CUT	
AUGLAIZE	SR-117	1.14	01/SAF/OT		44																			SR-67	
AUGLAIZE	SR-119	6.68	01/SAF/OT		28																			SR-364	
AUGLAIZE	SR-197	1.11	01/SAF/OT		20																			SR-363	
AUGLAIZE	SR-197	2.12	01/SAF/OT		20																			CR-190 SALEM NOBLE RD	
AUGLAIZE	SR-197	3.13	01/SAF/OT		50																			CR-200 BARBER WERNER	
AUGLAIZE	SR-197	4.15	01/SAF/OT		24																			SR-116	
AUGLAIZE	SR-197	5.16	01/SAF/OT		16																			CR-200/CR-41A	
AUGLAIZE	SR-197																							CR-41A ST MARYS RIVER RD	
AUGLAIZE	SR-198	4.85	01/SAF/OT		25																			SR-197	
AUGLAIZE	SR-219	1.09	01/SAF/OT		64																			SR-197	
AUGLAIZE	SR-219	14.23	01/SAF/OT		28																			SR-364	
AUGLAIZE	SR-274	1.12	01/SAF/OT		42																			CR-25A	
AUGLAIZE	SR-364	2.67	01/SAF/OT		48																			SR-364	
AUGLAIZE	SR-501	5.57	01/SAF/OT		27																			CR-30 MINISTER-FORT RECOVERY RD	
AUGLAIZE	SR-703	0.59	01/SAF/OT		22																			BUCKLAND HOLDEN RD WEST APPROACH	
AUGLAIZE	US-33	3.09	01/SAF/OT					97	240															SR-364	
AUGLAIZE																								4 LANE TRANSITION WEST AND SR-29 /US-33	

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AUXILIARY SUB-SUMMARY

Loc. No.	LOCATION			PARTICIPATION TYPE	24" STOP LINE	24" TRANSVERSE/ DIAGONAL LINE	12" CROSSWALK LINES	WORD ON PAVEMENT		LANE ARROWS				4" DOTTED LINE	6" DOTTED LINE	12" DOTTED LINE	Bike Lane Symbol	YIELD LINE	REMARKS	CALCULATED CHECKED				
	COUNTY	ROUTE	SLM					ONLY		TURN		THRU	COMB											
								72"	96"	EACH		EACH	EACH											
					FT.	FT.	FT.	EACH	EACH	LEFT	RIGHT		FT.	FT.	FT.									
AUGLAIZE	US-33	3.09	01/SAF/OT		38	622									1095						SR-29/US-33 INTERCHANGE (WEST SIDE)			
AUGLAIZE	US-33	4.91	01/SAF/OT		39	1136	71														SR-66 INTERCHANGE (RAMP SIDE ONLY)			
AUGLAIZE	US-33	7.33	01/SAF/OT			422															EASTBOUND REST AREA (RAMP SIDE ONLY)			
AUGLAIZE	US-33	7.90	01/SAF/OT			260															WESTBOUND REST AREA (RAMP SIDE ONLY)			
AUGLAIZE	US-33	9.26	01/SAF/OT		143	428															MOULTON RD INTERCHANGE (RAMP SIDE ONLY)			
AUGLAIZE	US-33	12.81	01/SAF/OT		156	610															CR-33A INTERCHANGE (RAMP SIDE ONLY)			
AUGLAIZE	US-33	14.8	01/SAF/OT		60																CR-133 A HARDIN PIKE INTERCHANGE (RAMP SIDE ONLY)			
AUGLAIZE	US-33	15.07	01/SAF/OT		38																SR-67 INTERCHANGE (RAMP SIDE ONLY)			
AUGLAIZE	US-33	16.36	01/SAF/OT		64		133									2446					IR-75 INTERCHANGE			
AUGLAIZE	US-33	16.64	01/SAF/OT		37		208		3												CEMENTARY RD			
AUGLAIZE	US-33	21.07	01/SAF/OT		42					2											SR-65 WEST JUNCTION			
AUGLAIZE	US-33	28.04	01/SAF/OT		56	126															SR-33 AND SR-196			
AUGLAIZE	US-33	23.12	01/SAF/OT		39					4											SR-65 EAST JUNCTION			
AUGLAIZE	IR-75	5.45	01/SAF/OT		98																BELLEFONTAINE ST INTG			
AUGLAIZE	IR-75	7.20	01/SAF/OT		56																SR-67 INTG TOP OF RAMP			
AUGLAIZE	IR-75	12.34	01/SAF/OT		68																CR-208 NATIONAL RD INTG			
TOTAL FOR AUGLAIZE COUNTY				01/SAF/OT	1865	4102	859	655		6	8				6585									

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SUB-SUMMARY																					CALCULATED CHECKED		
Loc. No.	LOCATION			PARTICIPATION TYPE	24" STOP LINE	24" TRANSVERSE/ DIAGONAL LINE	12" CROSSWALK LINES	WORD ON PAVEMENT		LANE ARROWS				4" DOTTED LINE	6" DOTTED LINE	12" DOTTED LINE	Bike Lane Symbol	YIELD LINE	REMARKS				
	COUNTY	ROUTE	SLM					ONLY		TURN		THRU	COMB										
								72"	96"	EACH		EACH	LEFT	RIGHT									
	FT.	WHITE	YELLOW	FT.	EACH	EACH	FT.	FT.	FT.	EACH	EACH	FT.	FT.	FT.									
Champaign	US-36	2.18	01/SAF/OT	93						4		4									SR-235		
Champaign	US-36	4.49	01/SAF/OT			251				3											GRAHAM JR HIGH		
Champaign	US-36	6.39	01/SAF/OT			197				3											GRAHAM HIGH SCHOOL		
Champaign	US-36	10.42	01/SAF/OT	39																	SR-560		
Champaign	US-36	19.53	01/SAF/OT	63																	SR-814		
Champaign	US-36	27.43	01/SAF/OT	24																	SR-559		
Champaign	US-68	1.51	01/SAF/OT	72	50	3083		2	2	2					810						CR-468 SPRINGFIELD URBANA PIKE		
Champaign	US-68	2.10	01/SAF/OT	56																	CR-184 DALLAS RD		
Champaign	US-68	9.92	01/SAF/OT	45																	SR-296		
Champaign	US-68	14.34	01/SAF/OT					6	6												WEST LIBERTY SALEM SCHOOL		
Champaign	SR-4	1.33	01/SAF/OT	80																	SR-54		
Champaign	SR-4	4.28	01/SAF/OT	53																	SR-56		
Champaign	SR-4	11.40	01/SAF/OT	22																	SR-161		
Champaign	SR-29	7.22	01/SAF/OT	16																	CR-37		
Champaign	SR-29	8.21	01/SAF/OT	24																	CR-241		
Champaign	SR-29	10.06	01/SAF/OT	27																	SR-560		
Champaign	SR-29	15.06	01/SAF/OT	15																	CR-25		
Champaign	SR-29	15.76	01/SAF/OT	30																	SR-296		
Champaign	SR-29	27.15	01/SAF/OT	34																	SR-56		
Champaign	SR-29	32.36	01/SAF/OT	52																	SR-187		
Champaign	SR-54	5.80	01/SAF/OT	49																	CR-97		
Champaign	SR-54	6.80	01/SAF/OT	22																	CR-236		
Champaign	SR-54	8.31	01/SAF/OT	40																	CR-92 HICKORY GROVE RD		
Champaign	SR-55	6.39	01/SAF/OT	36																	CR-22		
Champaign	SR-55	8.65	01/SAF/OT	26																	CR-85		
Champaign	SR-55	11.70	01/SAF/OT	50																	SR-560		
Champaign	SR-161	5.48	01/SAF/OT	24																	SR-559		
Champaign	SR-235	1.49	01/SAF/OT	24																	SR-55		
Champaign	SR-235	7.36	01/SAF/OT							3											KTH		
Champaign	SR-235	9.57	01/SAF/OT	22		283		2	2												CR-63 Possum Hollow Rd.		
Champaign	SR-235	11.09	01/SAF/OT	43		230		2	2												Park Entrance (Kiser Lake)		
Champaign	SR-235	12.59	01/SAF/OT	27																	SR-29 NORTH JUNCTION		

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AUXILIARY SUB-SUMMARY

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Loc. No.	LOCATION			PARTICIPATION TYPE	24" STOP LINE	24" TRANSVERSE/ DIAGONAL LINE	12" CROSSWALK LINES	WORD ON PAVEMENT		LANE ARROWS				4" DOTTED LINE	6" DOTTED LINE	12" DOTTED LINE	Bike Lane Symbol	YIELD LINE	REMARKS	CALCULATED CHECKED				
	COUNTY	ROUTE	SLM					ONLY		TURN		THRU	COMB											
								72"	96"	EACH		EACH	EACH											
					FT.	FT.	FT.	EACH	EACH	LEFT	RIGHT		FT.	FT.	FT.									
Clark	US-40	10.36	01/SAF/OT	150						11	11		2											
Clark	US-40	10.36	01/SAF/OT	50							2											Upper Valley Pike South Approach Only		
Clark	US-40	10.43	01/SAF/OT																			US-68		
Clark	SR-41	6.72	01/SAF/OT	24							2											IR-70		
Clark	SR-41	12.05	01/SAF/OT	91							5											SR-54		
Clark	SR-41	12.25	01/SAF/OT	112		242				6												TITUS RD		
Clark	SR-41	20.39	01/SAF/OT	136	168	827		2	4													IR-70		
Clark	SR-41	24.14	01/SAF/OT	17							3											US-68 (NO WEST APPROACH)		
Clark	SR-41	24.63	01/SAF/OT	78							6											Old Rte 41		
Clark	SR-41	24.76	01/SAF/OT	16																		CR-325 Ballentine Rd		
Clark	SR-41	26.43	01/SAF/OT		344			3	4													Lawerence Dr		
Clark	SR-41	31.14	01/SAF/OT		272																	Northwestern School		
Clark	SR-42	1.04	01/SAF/OT	46												115						SR-235 (Roundabout)		
Clark	SR-54	1.75	01/SAF/OT	40																		Selma Rd		
Clark	SR-54	3.06	01/SAF/OT	60																		TR-101 Stewart Rd		
Clark	SR-54	6.47	01/SAF/OT	41																		CR-364 Plattsburg-London Rd		
Clark	US-68	0.22	01/SAF/OT	28		116																CR-362 Columbus Rd		
Clark	US-68	0.55	01/SAF/OT	75																		Youngs Jersey Dairy east approach		
Clark	US-68	1.27	01/SAF/OT	37																		Jackson Rd		
Clark	US-68	3.75	01/SAF/OT	12																		Airpark Dr		
Clark	US-68	4.18	01/SAF/OT	24																		Bike Route Crossing		
Clark	US-68	4.45	01/SAF/OT		116																	Fairfield Pike Side Street Only		
Clark	US-68	5.32	01/SAF/OT		257												2017					BEGIN 4 LANE		
Clark	US-68	15.19	01/SAF/OT	124	168																	IR-70 INTERCHANGE		
Clark	IR-70	3.10	01/SAF/OT																			County Line Road Intg Northside only		
Clark	IR-70	6.07	01/SAF/OT																			SR-675 Interchange		
Clark	IR-70	6.57	01/SAF/OT	50																		SR-4 Interchange		
Clark	IR-70	18.13	01/SAF/OT	166				2	4								1487					Enon Rd Interchange		
Clark	IR-70	20.79	01/SAF/OT	42													2076					SR-41 Interchange		
Clark	IR-70	25.11	01/SAF/OT	113														985					US-40 Intg Westside Only All Stop line	
Clark	IR-70																	281					SR-54 Intg Eastside Only All Stop lines	

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Loc. No.	LOCATION			PARTICIPATION TYPE	24" STOP LINE	24" TRANSVERSE/ DIAGONAL LINE	12" CROSSWALK LINES	WORD ON PAVEMENT		LANE ARROWS				4" DOTTED LINE	6" DOTTED LINE	12" DOTTED LINE	Bike Lane Symbol	YIELD LINE	REMARKS	CALCULATED CHECKED		
	COUNTY	ROUTE	SLM					ONLY		TURN		THRU	COMB									
			FT.		FT.	FT.	EACH	EACH	EACH	EACH	LEFT	RIGHT										
	FT.	WHITE	YELLOW		FT.	EACH	EACH	FT.	FT.	FT.	FT.											
DARKE	SR-121	18.32	01/SAF/OT	96		174		2	2													KRUCKBERG RD
DARKE	SR-121	24.37	01/SAF/OT	49																		CR-126 Etters
DARKE	SR-121	27.53	01/SAF/OT	14																		SR-242
DARKE	US-127	5.18	01/SAF/OT	33																		Arcanum Hollansburg Rd
DARKE	US-127	5.95	01/SAF/OT	39																		SR-503
DARKE	US-127	13.71	01/SAF/OT	90																		TR-32 Horotio-Harrison Creek Rd
DARKE	US-127	19.54	01/SAF/OT	117																		Beamesville Union Rd
DARKE	US-127	20.36	01/SAF/OT												200							Annie Oakly Park
DARKE	US-127	20.60	01/SAF/OT	54																		SR-242
DARKE	US-127	22.58	01/SAF/OT	72		139		4	4													SR-47
DARKE	US-127	25.57	01/SAF/OT	41																		SR-185
DARKE	US-127	30.56	01/SAF/OT	31																		SR-705
DARKE	SR-47	7.64	01/SAF/OT	40																		SR-49
DARKE	SR-49	0.67	01/SAF/OT	27																		SR-722
DARKE	SR-49	6.27	01/SAF/OT	72				2						1269								SR-49A SOUTH JUNCTION
DARKE	SR-49	8.91	01/SAF/OT	34										500								SR-49 A NORTH JUNCTION
DARKE	SR-49	36.36	01/SAF/OT	20																		SR-705
DARKE	SR-118	15.32	01/SAF/OT	38			198															ELDORA SPEEDWAY
DARKE	SR-118	16.61	01/SAF/OT	38																		SR-705
DARKE	SR-185	11.76	01/SAF/OT	26																		SR-721
DARKE	SR-242	2.16	01/SAF/OT	12																		TR-124
DARKE	SR-242	2.67	01/SAF/OT	12																		TR-159
DARKE	SR-502	7.87	01/SAF/OT	22																		GREENVILLE NASHVILLE RD
DARKE	SR-705	16.40	01/SAF/OT	20																		SR-364
DARKE	SR-726	1.53	01/SAF/OT	25																		SR-722
TOTAL FOR DARKE COUNTY				01/SAF/OT	1407	35	424	198	2	12	7	1	1969									

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Loc. No.	LOCATION			PARTICIPATION TYPE	24" STOP LINE	24" TRANSVERSE/ DIAGONAL LINE	12" CROSSWALK LINES	WORD ON PAVEMENT		LANE ARROWS				4" DOTTED LINE	6" DOTTED LINE	12" DOTTED LINE	Bike Lane Symbol	YIELD LINE	REMARKS								
	COUNTY	ROUTE	SLM					ONLY		TURN		THRU	COMB														
								FT.	FT.	EACH	EACH		72"	96"	EACH	EACH											
	FT.	WHITE	YELLOW		FT.			EACH	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.							
LOGAN	US-33	1.37	01/SAF/OT		21																	SR-366					
LOGAN	US-33	4.56	01/SAF/OT		83			97			4											MIDWAY RD					
LOGAN	US-33	6.57	01/SAF/OT		68																	TR-94					
LOGAN	US-33	9.79	01/SAF/OT		28					5												SR-274					
LOGAN	US-33	10.57	01/SAF/OT		38																	TR-221					
LOGAN	US-33	10.96	01/SAF/OT		89																	SR-117 Interchange					
LOGAN	US-33	11.33	01/SAF/OT		35					2												CR-37					
LOGAN	US-33	12.64	01/SAF/OT		41					2												TR-57					
LOGAN	US-33	12.95	01/SAF/OT													1155						Eastbound Rest Area					
LOGAN	US-33	13.03	01/SAF/OT													1211						Westbound Rest Area					
LOGAN	US-33	15.66	01/SAF/OT		63											1826						US-68 Interchange					
LOGAN	US-33	17.22	01/SAF/OT		86											1835						SR-540 Interchange					
LOGAN	US-33	19.82	01/SAF/OT		148											1719						CR-10 Interchange					
LOGAN	US-33	21.96	01/SAF/OT		130	376										1873						SR-292 Interchange					
LOGAN	US-33	25.50	01/SAF/OT			59																SR-347 Interchange					
LOGAN	US-68	2.09	01/SAF/OT		13																	SR-508					
LOGAN	US-68	15.03	01/SAF/OT		86																	SR-274					
LOGAN	US-68	18.75	01/SAF/OT		47																	SR-273					
LOGAN	SR-47	19.97	01/SAF/OT		20	184				3												SR-533					
LOGAN	SR-47	20.35	01/SAF/OT		16																	CR-5					
LOGAN	SR-47	23.32	01/SAF/OT		21																	SR-292 (NORTH APPROACH)					
LOGAN	SR-117	0.71	01/SAF/OT		13																	SR-273					
LOGAN	SR-117	1.54	01/SAF/OT		14																	SR-273					
LOGAN	SR-117	4.81	01/SAF/OT		18										994							SR-366					
LOGAN	SR-117	6.53	01/SAF/OT		13																	SR-274					
LOGAN	SR-235	1.04	01/SAF/OT		27																	SR-706					
LOGAN	SR-235	8.19	01/SAF/OT		69																	SR-47					
LOGAN	SR-235	14.39	01/SAF/OT		153	1037				11												SR-274					
LOGAN	SR-235	15.01	01/SAF/OT			124				4	4											DRIVEWAY					
LOGAN	SR-235	15.17	01/SAF/OT		25					4	3											SR-708					
LOGAN	SR-235	17.46	01/SAF/OT		30																	SR-720					
LOGAN	SR-235	18.08	01/SAF/OT		24					3	3											SR-366					
LOGAN	SR-235	19.62	01/SAF/OT		13																	SR-365					

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Loc. No.	LOCATION		PARTICIPATION TYPE	24" STOP LINE	24" TRANSVERSE/ DIAGONAL LINE		12" CROSSWALK LINES	WORD ON PAVEMENT		LANE ARROWS				4" DOTTED LINE	6" DOTTED LINE	12" DOTTED LINE	Bike Lane Symbol	YIELD LINE	REMARKS	CALCULATED CHECKED
	COUNTY	ROUTE			FT.	FT.		EACH	EACH	ONLY	TURN	THRU	COMB	72"	96"	EACH	EACH			
				FT.	FT.															
LOGAN	SR-235	20.15	01/SAF/OT	34																SR-366
LOGAN	SR-274	5.83	01/SAF/OT	22						3										TR-61 ROUGHTON RD
LOGAN	SR-287	5.70	01/SAF/OT	12																CR-41
LOGAN	SR-287	9.83	01/SAF/OT	26																CR-153 IN MIDDLEBURG
LOGAN	SR-287	11.00	01/SAF/OT	12																SR-347
LOGAN	SR-287	11.26	01/SAF/OT							3										NK PARTS
LOGAN	SR-287	11.69	01/SAF/OT							3										NEX TRANSPORT
LOGAN	SR-287	12.36	01/SAF/OT	48						3										TR157A
LOGAN	SR-292	0.52	01/SAF/OT	12																CR-153
LOGAN	SR-292	5.29	01/SAF/OT	30																SR-540
LOGAN	SR-347	4.46	01/SAF/OT	107	46					2	3	6			110					HONDA DRIVE #1
LOGAN	SR-347	4.64	01/SAF/OT			800				3	1	3								HONDA DRIVE #2
LOGAN	SR-366	7.10	01/SAF/OT	32						2	2									SR-368
LOGAN	SR-540	1.65	01/SAF/OT		56	932			1	1										US-33 Interchange
LOGAN	SR-508	8.67	01/SAF/OT				50													RAILROAD
LOGAN	SR-638	0.41	01/SAF/OT	43																SR-274
LOGAN	SR-720	2.12	01/SAF/OT	16																CR-54
TOTAL FOR LOGAN COUNTY				01/SAF/OT	1826	537	3077	147		6	45	30	3	0	1104	9619				

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Loc. No.	LOCATION			PARTICIPATION TYPE	24" STOP LINE	24" TRANSVERSE/ DIAGONAL LINE	12" CROSSWALK LINES	WORD ON PAVEMENT		LANE ARROWS			4" DOTTED LINE	6" DOTTED LINE	12" DOTTED LINE	Bike Lane Symbol	YIELD LINE	REMARKS	CALCULATED CHECKED			
	COUNTY	ROUTE	SLM					ONLY		TURN		THRU	COMB									
			FT.		FT.			FT.	EACH	EACH	LEFT	RIGHT										
	FT.	WHITE	YELLOW		FT.			FT.	FT.	EACH	EACH	EACH	EACH	FT.	FT.	FT.						
MERCER	SR-29	0.96	01/SAF/OT		40															SR-49		
MERCER	SR-29	8.17	01/SAF/OT		14															W JCT SR-118 SOUTH APPROACH		
MERCER	SR-29	9.22	01/SAF/OT		33		283			4										E JCT SR-118		
MERCER	SR-29	16.83	01/SAF/OT		34															RILEY RD		
MERCER	SR-29	18.34	01/SAF/OT		40	137				6	3									HARRIS RD		
MERCER	SR-49	9.36	01/SAF/OT		33															SR-219		
MERCER	SR-49	21.45	01/SAF/OT		44															SR-707		
MERCER	SR-117	2.54	01/SAF/OT		12															TR-246 SHINDELDECKER RD		
MERCER	SR-117	3.11	01/SAF/OT		12															TR-250 OLD TOWN RUN RD		
MERCER	SR-118	0.01	01/SAF/OT		100															SR-319		
MERCER	SR-118	7.88	01/SAF/OT		27															Siegrist Jutte Rd		
MERCER	SR-118	21.98	01/SAF/OT		46															SR-707		
MERCER	SR-118	24.98	01/SAF/OT		18															SR-117		
MERCER	SR-119	17.09	01/SAF/OT		32		304													SR-716		
MERCER	US-33	9.88	01/SAF/OT		33															SR-707		
MERCER	US-33	16.14	01/SAF/OT		44															SR-197		
MERCER	SR-197	3.40	01/SAF/OT		38															CR-145 STAEGER		
MERCER	SR-197	3.90	01/SAF/OT		12															CR-160 HOWICK		
MERCER	SR-197	5.73	01/SAF/OT		24															CR-161 RILEY RD		
MERCER	SR-197	8.26	01/SAF/OT		14															TR-171 BURD RD		
MERCER	SR-219	14.04	01/SAF/OT		12															CR-219A		
MERCER	SR-219	14.94	01/SAF/OT		15															TR-106		
MERCER	SR-703	0.15	01/SAF/OT														11			0.15 - 11.2		
MERCER	SR-703	10.73	01/SAF/OT		11															HARRIS RD		
MERCER	US-127	3.71	01/SAF/OT		64															SR-119		
MERCER	US-127	5.75	01/SAF/OT		26															SR-274		
MERCER	US-127	8.99	01/SAF/OT		125	167				4	4									SR-219		
MERCER	US-127	10.05	01/SAF/OT		10	177				2										SR-703		
MERCER	US-127	12.07	01/SAF/OT		66						3									TR-126 MONROE		
MERCER	US-127	20.84	01/SAF/OT		137	230				12										US-33 (TRANSVERS LINES US-127 Only)		
MERCER	US-127	22.11	01/SAF/OT		32															SR-707		
MERCER	US-127	25.12	01/SAF/OT		21															SR-117 EAST APPROACH ONLY		
TOTAL FOR MERCER COUNTY				01/SAF/OT	1169	137	857	304		16	22					683	11			23	36	

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Loc. No.	LOCATION			PARTICIPATION TYPE	24" STOP LINE	24" TRANSVERSE/ DIAGONAL LINE	12" CROSSWALK LINES	WORD ON PAVEMENT		LANE ARROWS			4" DOTTED LINE	6" DOTTED LINE	12" DOTTED LINE	Bike Lane Symbol	YIELD LINE	REMARKS	
	COUNTY	ROUTE	SLM					ONLY		TURN		THRU	COMB						
			FT.					72"	96"	EACH		EACH	EACH	FT.	FT.	FT.			
	FT.	WHITE	YELLOW		FT.			EACH	EACH	LEFT	RIGHT								
MIAMI	US-36	0.00	01/SAF/OT		32													SR-721 Only	
MIAMI	US-36	3.07	01/SAF/OT		26													CR-9 Range Line Rd	
MIAMI	US-36	12.65	01/SAF/OT		43													Ohio State Patrol Exit	
MIAMI	US-36	20.10	01/SAF/OT		40													SR-589 East	
MIAMI	US-36	21.12	01/SAF/OT		35													CR-26 Alcony-Conover Rd	
MIAMI	US-40	4.26	01/SAF/OT		66													SR-201	
MIAMI	US-40	5.27	01/SAF/OT		32													CR-177 Palmer Rd	
MIAMI	SR-41	0.23	01/SAF/OT		57													CR-7A Dayton-Brandt Rd	
MIAMI	SR-41	2.04	01/SAF/OT		45													SR-201	
MIAMI	SR-41	7.78	01/SAF/OT		109					13								SR-202	
MIAMI	SR-41	12.94	01/SAF/OT		165	183				6								CR-35 Washington Pike	
MIAMI	SR-41	17.48	01/SAF/OT		26													CR-31 Farrington Rd	
MIAMI	SR-48	5.17	01/SAF/OT		23													SR-55	
MIAMI	SR-48	16.97	01/SAF/OT		68													SR-185	
MIAMI	SR-49	0.06	01/SAF/OT		34													SR-721 Only	
MIAMI	SR-55	4.49	01/SAF/OT		18													CR-111 Calumet	
MIAMI	SR-55	4.62	01/SAF/OT		32													CR-43 Kessler-Federick Rd	
MIAMI	SR-55	13.01	01/SAF/OT		19													SR-202	
MIAMI	SR-55	19.30	01/SAF/OT		22													SR-201	
MIAMI	SR-185	3.02	01/SAF/OT		57													CR-9 Range Line Rd	
MIAMI	IR-75	4.40	01/SAF/OT		40					3	3			77				SR-25A Intg SB Exit Ramp	
MIAMI	IR-75	7.85	01/SAF/OT		71				2	3								SR-55 Intg Ramp Only	
MIAMI	IR-75	9.71	01/SAF/OT	111	11				3	6	3	3		231				SR-41 intg	
MIAMI	IR-75	13.16	01/SAF/OT		73									1465				SR-25A Intg	
MIAMI	IR-75	16.66	01/SAF/OT											1640				Northbound Rest Area	
MIAMI	IR-75	16.66	01/SAF/OT											1640				Southbound Rest Area	
MIAMI	IR-75	16.72	01/SAF/OT		93				6		4			1446	4013			US-36 Intg	
MIAMI	IR-75	17.77	01/SAF/OT		50									1475				SR-25A Intg	
MIAMI	SR-201	2.14	01/SAF/OT		74													TR-179 Ross Road	
MIAMI	SR-201	2.44	01/SAF/OT			338			9	2								Bethel School	

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Loc. No.	LOCATION			PARTICIPATION TYPE	24" STOP LINE	24" TRANSVERSE/ DIAGONAL LINE	12" CROSSWALK LINES	WORD ON PAVEMENT	LANE ARROWS				4" DOTTED LINE	6" DOTTED LINE	12" DOTTED LINE	Bike Lane Symbol	YIELD LINE	REMARKS		CALCULATED CHECKED												
	COUNTY	ROUTE	SLM						ONLY		TURN		THRU	COMB																		
									FT.		72"				EACH																	
									FT.	WHITE	YELLOW	FT.	EACH	EACH	LEFT	RIGHT	EACH	EACH	FT.	FT.	FT.											
MIAMI	SR-202	5.07	01/SAF/OT		76								1	8										SR-571 (Not South approach)								
MIAMI	SR-571	1.08	01/SAF/OT		33																			SR-721								
MIAMI	SR-571	3.69	01/SAF/OT		45																			CR-9 Rangeline Rd								
MIAMI	SR-571	4.30	01/SAF/OT		35																			TR-60 Elleman								
MIAMI	SR-571	4.32	01/SAF/OT		29																			CR-45 Markley								
MIAMI	SR-571	8.97	01/SAF/OT		60																			CR-43 Kessler-Frederick								
MIAMI	SR-571	8.97	01/SAF/OT		15																			Nashville Rd								
MIAMI	SR-571	11.84	01/SAF/OT		123								6											CR-149 Peters Pike								
MIAMI	SR-571	20.09	01/SAF/OT		73																			SR-201								
MIAMI	SR-571	20.90	01/SAF/OT		52																			CR-7A Dayton Brandt Rd								
MIAMI	SR-571	21.07	01/SAF/OT		32																			Palmer Rd								
MIAMI	SR-721	9.62	01/SAF/OT		30																			SR-718								
MIAMI	SR-721	11.14	01/SAF/OT		12																			CR-78 Sugar Grove-Circle City Rd								
MIAMI	SR-721	11.85	01/SAF/OT		20																			TR-257								
TOTAL FOR MIAMI COUNTY			01/SAF/OT	2096	11	521			6	51	14		10				7974	4013														
MOT	SR-4	1.82	01/SAF/OT		35																			SR-123								
MOT	SR-4	7.51	01/SAF/OT		69																			Farmersville-W. Carrollton Road								
MOT	SR-4	9.60	01/SAF/OT		28																			Miamisburg-Soldiers Home Road								
MOT	SR-4	11.03	01/SAF/OT					163																Belcourt Dr								
MOT	SR-4	11.22	01/SAF/OT					114																Liscum Dr								
MOT	SR-4	12.15	01/SAF/OT		15			131																Vanguard Road								
MOT	SR-4	12.52	01/SAF/OT		60																			Dayton-Liberty Road								
MOT	US-35	6.16	01/SAF/OT		102		191				4													Diamond Mill								
MOT	US-35	9.21	01/SAF/OT		97		245	400		2	4													Union Road								
MOT	US-35	9.26	01/SAF/OT							22														TWLTL (9.26-10.07)								
MOT	US-35	10.15	01/SAF/OT		112			482			4													Olive Rd								
MOT	US-35	10.32	01/SAF/OT		191			874		3	15	4	3	3			131							SR-49								
MOT	US-35	11.09	01/SAF/OT		168			645		3	5	3												Infirmary Road								
MOT	US-40	13.33	01/SAF/OT		24				1	2														Dogleg Rd								
MOT	SR-48	0.00	01/SAF/OT		48		148			4	2													Crooked Creek Dr								
MOT	SR-48	0.65	01/SAF/OT		126		212			6														Social Row Rd								
MOT	SR-48	1.18	01/SAF/OT		94																			Nutt Rd								
MOT	SR-48	1.57	01/SAF/OT		67		175		3	6														SLM 1.57-1.70								
MOT	SR-48	4.33	01/SAF/OT		960	296	1345		14	37	6	1			88									SLM 4.33-6.05								

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Loc. No.	LOCATION			PARTICIPATION TYPE	24" STOP LINE	24" TRANSVERSE LINE	12" CROSSWALK LINES	WORD ON PAVEMENT	LANE ARROWS				4" DOTTED LINE	6" DOTTED LINE	12" DOTTED LINE	Bike Lane Symbol	YIELD LINE	REMARKS	CALCULATED CHECKED		
	COUNTY	ROUTE	SLM						ONLY		TURN		THRU	COMB							
			FT.		FT.	FT.	EACH		EACH	LEFT	RIGHT	EACH	EACH								
	FT	WHITE	YELLOW		FT.										FT.	FT.	FT.				
MOT	SR-48	16.21	01/SAF/OT		25			90												Wampler-Waverly Side Streets Only	
MOT	SR-48	16.53	01/SAF/OT		15															Bennington Rd	
MOT	SR-48	16.56	01/SAF/OT		50			121												Nottingham Rd Side Street Only	
MOT	SR-48	16.69	01/SAF/OT		12			27												Forest Park Rd Side Street Only	
MOT	SR-48	16.86	01/SAF/OT		13															Julia Ave	
MOT	SR-48	17.10	01/SAF/OT		82			282							230					Turner Shoup Mill Rd Side Street Only	
MOT	SR-48	17.23	01/SAF/OT		14			141												Markey Rd Side Street Only	
MOT	SR-48	17.49	01/SAF/OT		12															Erdiel Dr	
MOT	SR-48	17.76	01/SAF/OT		67			386												Philadelphia Ave Side Street Only	
MOT	SR-48	17.85	01/SAF/OT		57		48	290												Shiloh Springs Ave Not South Approach	
MOT	SR-48	18.14	01/SAF/OT		137			662		26										SLM 17.85-19.02 (Shiloh Springs St to End TWLTL at Westbrook)	
MOT	SR-49	12.00	01/SAF/OT		73	400	100		3	2	2	2								US-40 North and East approach	
MOT	SR-725	15.00	01/SAF/OT		160	320				14	5									SR-741 TO Lois Ave	
MOT	SR-741	0.00	01/SAF/OT		109			289		9				251						WARREN COUNTY LINE TO SOUTH TECH DR	
MOT	SR-741	0.64	01/SAF/OT		168		489	898		5	8			600						Austin Blvd Intersection (Not south approach)	
MOT	SR-741	3.17	01/SAF/OT		236	93	177	588		33	5									.07 N Kingsridge Dr to SR-725	
MOT	SR-741	4.56	01/SAF/OT		130			503		22										SLM 4.56-5.80 MIAMISBURG CORP TO ORCHARD RUN RD	
MOT	SR-741	5.80	01/SAF/OT		300			1070		20	5									SLM 5.8-6.20 Orchard Run Rd to Moraine Corp	
MOT	IR-70	3.33	01/SAF/OT		53									2630						Arlington Rd Intg	
MOT	IR-70	6.04	01/SAF/OT		36									1350						Brookville Salem Rd Interchange	
MOT	IR-70	138/8.2	01/SAF/OT			400								543						SR-49 NB and SB Interchanges	
MOT	IR-70	8.59	01/SAF/OT		34															Hoke Road Interchange	
MOT	IR-70	11.30	01/SAF/OT		68			90		3	7	5								SR-48 ramps only	
MOT	IR-70	16.20	01/SAF/OT			165								370						IR-75 Intg Concrete Ramps Only	
MOT	IR-70	19.00	01/SAF/OT		106				7	11	9			1861						SR-202 Interchange	
MOT	IR-70	20.97	01/SAF/OT		109		20			3	14		7	1753						SR-201 Interchange	
MOT	IR-70	23.34	01/SAF/OT			1000	345							2333						SR-235 Interchange	
MOT	IR-75	0.76	01/SAF/OT		118			661		7	7	7								AUSTIN BLVD INTERCHAGE Concrete Only	
MOT	IR-75	3.74	01/SAF/OT		107	82			3	4	2									SR-725 Interchange NB exit ramp	
MOT	IR-75	6.66	01/SAF/OT		126			307		7	8	7								DIXIE DRIVE INTERCHANGE Ramps Only	
MOT	IR-75	9.32	01/SAF/OT		61									1985						Dryden Rd Interchange	
MOT	IR-75	9.58	01/SAF/OT		34				2					707						SR-741 Interchange	

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AUXILIARY SUB-SUMMARY

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AUXILIARY SUB-SUMMARY

Loc. No.	LOCATION			PARTICIPATION TYPE	24" STOP LINE	24" TRANSVERSE/ DIAGONAL LINE	12" CROSSWALK LINES	WORD ON PAVEMENT		LANE ARROWS				4" DOTTED LINE	6" DOTTED LINE	12" DOTTED LINE	Bike Lane Symbol	YIELD LINE	REMARKS	CALCULATED CHECKED			
	COUNTY	ROUTE	SLM					ONLY		TURN		THRU	COMB										
			FT.					FT.		EACH		LEFT	RIGHT										
	FT.	WHITE	YELLOW		FT.	EACH		EACH	EACH	LEFT	RIGHT												
SHELBY	SR-29	7.65	01/SAF/OT	24																	SR-119		
SHELBY	SR-29	11.98	01/SAF/OT	12																	SR-705		
SHELBY	SR-29	20.04	01/SAF/OT	14																	SR-706		
SHELBY	SR-29	23.73	01/SAF/OT	43																	SR-589		
SHELBY	SR-47	23.55	01/SAF/OT	19																	SR-65		
SHELBY	SR-47	24.56	01/SAF/OT	37																	TR-63		
SHELBY	SR-48	5.03	01/SAF/OT	28																	SR-66		
SHELBY	SR-65	3.21	01/SAF/OT	29																	SR-119		
SHELBY	SR-66	8.11	01/SAF/OT	52																	SR-47		
SHELBY	SR-274	1.13	01/SAF/OT	14												2					SR-29 West		
SHELBY	SR-274	1.98	01/SAF/OT	50																	SR-29 East		
SHELBY	SR-362	1.11	01/SAF/OT	36																	CR-27 Fort Loramie Swanders Rd		
SHELBY	SR-706	3.65	01/SAF/OT	30																	CR-19		
SHELBY	SR-706	4.15	01/SAF/OT	28																	CR-19		
SHELBY	IR-75	5.28	01/SAF/OT	90													3666				FAIR RD INTERCHANGE		
SHELBY	IR-75	6.66	01/SAF/OT	38												6	6				SR-47 INTERCHANGE		
SHELBY	IR-75	8.53	01/SAF/OT	110												6					SR-29 INTERCHANGE		
SHELBY	IR-75	9.43	01/SAF/OT	135																	CR-25A INTERCHANGE		
SHELBY	IR-75	14.47	01/SAF/OT	91																	SR-119 INTERCHANGE		
SHELBY	IR-75	17.54	01/SAF/OT	64																	SR-274 INTERCHANGE		
SHELBY	IR-75	19.54	01/SAF/OT	103	609																SR-219 INTERCHANGE		
TOTAL FOR SHELBY COUNTY			01/SAF/OT	1047	609											6	14						
TOTAL FOR AUGLAIZE COUNTY			01/SAF/OT	1865	4102	859	655									6	8				6585		
TOTAL FOR CHAMPAIGN COUNTY			01/SAF/OT	1244	50	4044										2	18	19	4		810		
TOTAL FOR CLARK COUNTY			01/SAF/OT	2907	2177	3353	536									7	90	45	0	10	1221	14260	
TOTAL FOR DARKE COUNTY			01/SAF/OT	1407	35	424	198									2	12	7	1		1969		
TOTAL FOR LOGAN COUNTY			01/SAF/OT	1826	537	3077	147									6	45	30	3	0	1104	9619	
TOTAL FOR MERCER COUNTY			01/SAF/OT	1169	137	857	304									16	22				683		
TOTAL FOR MIAMI COUNTY			01/SAF/OT	2096	11	521										6	51	14	10		7974	4013	
TOTAL FOR MOT COUNTY			01/SAF/OT	5174	5534	3495	9534									53	316	112	6	40	1169	17132	
TOTAL FOR SHELBY COUNTY			01/SAF/OT	1047	609											6	14				20138		
TOTAL TO GENERAL SUMMARY			01/SAF/OT	18735	13192	16630	11374									76	560	271	9	65	5463	77201	
																					4923	13	
																					68		

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CALCULATED
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AUXILIARY SUB-SUMMARY

CHANNELIZING LINE SUB-SUMMARY

Loc. No.	LOCATION		QUANTITIES						REMARKS	CALC
	COUNTY	ROUTE	SLM	12"CHL	8" CHL					
				FT.	FT.					
	AUGLAIZE	SR-29	0.59	1188					SR-364 INTERCHANGE	
	AUGLAIZE	SR-29	5.04	170					CR-33A	
	AUGLAIZE	SR-29	9.05	160					GLENWOOD-N KNOXVILLE RD	
	AUGLAIZE	US-33	3.09	822					4-LANE TRANSITION WEST AND US-33/ SR-29 INTG	
	AUGLAIZE	US-33	3.09	1935					SR-29/US-33 INTERCHANGE (WEST SIDE)	
	AUGLAIZE	US-33	4.91	1578					SR-66 INTERCHANGE (RAMP SIDE ONLY)	
	AUGLAIZE	US-33	7.33	565					EASTBOUND REST AREA (RAMP SIDE ONLY)	
	AUGLAIZE	US-33	7.90	449					WESTBOUND REST AREA (RAMP SIDE ONLY)	
	AUGLAIZE	US-33	9.26	738					MOULTON RD INTERCHANGE (RAMP SIDE ONLY)	
	AUGLAIZE	US-33	12.81	802					CR-33 A INTERCHANGE (RAMP SIDE ONLY)	
	AUGLAIZE	US-33	14.8	1053					CR-133A INTERCHANGE (RAMP SIDE ONLY)	
	AUGLAIZE	US-33	15.07	419					SR-67 INTERCHANGE (RAMP SIDE ONLY)	
	AUGLAIZE	US-33	16.36	1436					IR-75 INTERCHANGE	
	AUGLAIZE	US-33	16.64	227					CEMENTARY RD	
	AUGLAIZE	US-33	21.07		235				SR-65 WEST JUNCTION	
	AUGLAIZE	US-33	23.12		420				SR-65 EAST JUNCTION	
	AUGLAIZE	SR-67	3.45		624				IR-75	
	AUGLAIZE	IR-75	8.01	460					WITHIN THE NB Rest Area-	
	AUGLAIZE	IR-75	8.01	443					WITHIN THE SB Rest Area	
	TOTAL FOR AUGLAIZE COUNTY		12445	1279						
	Champaign	US-36	2.18		277				SR-235	
	Champaign	US-36	4.49		270				GRAHAM JR HIGH SCHOOL	
	Champaign	US-36	6.39		207				GRAHAM HIGH SCHOOL	
	Champaign	US-68	1.51	963					CR468 SPRINGFIELD URBANA PIKE	
	Champaign	US-68	14.34		1060				WEST LIBERTY SALEM SCHOOL	
	Champaign	SR-235	7.36		245				KTH	
	Champaign	SR-235	9.57		266				CR-63 Possum Hollow Road	
	Champaign	SR-235	11.09		300				Park Entrance (Kiser Creek)	
	TOTAL FOR CHAMPAIGN COUNTY		963	967						

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CHANNELIZING SUB-SUMMARY

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CHANNELIZING LINE SUB-SUMMARY

Loc. No.	LOCATION			QUANTITIES						REMARKS	CALCULATED CHECKED		
	COUNTY	ROUTE	SLM	12"CHL	8" CHL								
				FT.	FT.								
Clark	SR-4	6.93	1208							Enon Rd Interchange			
Clark	SR-4	8.59	820							SR-369 Interchange			
Clark	SR-4	11.24	369							Lower Valley Pike			
Clark	SR-4	11.30	525							US-40 Interchange			
Clark	SR-4	17.65		472						Home Croft Rd (north approach)			
Clark	US-40	0.49		728						SR-235			
Clark	US-40	2.08		346						SR-571			
Clark	US-40	2.61		1020						TR-21 Whaley Rd			
Clark	US-40	10.36		2420						Upper Valley Pike			
Clark	US-40	10.43		930						US-68			
Clark	SR-41	6.72		220						SR-54			
Clark	SR-41	12.05		230						Titus Rd			
Clark	SR-41	12.25		323						IR-70 Intg			
Clark	SR-41	20.39		1290						US-68			
Clark	SR-41	24.14		191						Old Rte 41			
Clark	SR-41	24.63		383						CR-325 Ballentine Rd			
Clark	SR-41	26.43		612						Northwestern School			
Clark	US-68	5.32	3421							IR-70 Intg			
Clark	US-68	15.19	700							County Line Rd (North Side Only)			
Clark	IR-70	6.07	1352							SR-4 Interchange			
Clark	IR-70	18.13	2871							SR-41 Interchange			
Clark	IR-70	20.79	1048							US-40 Interchange Westside only			
Clark	IR-70	25.11	696							SR-54 Eastside only			
Clark	SR-72	5.52		292						West Possum Rd			
Clark	SR-72	6.83		315						Leffel Lane South Approach			
Clark	SR-72	12.24		833						Villa/Eagle City			
Clark	SR-72	13.17		1843						SR-334			
Clark	SR-235	0.24		531						Gerlaugh Rd			
Clark	SR-235	1.52		170						North approach Dille Rd			
Total for Clark County			13010	13149									

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CHANNELIZING SUB-SUMMARY

CHANNELIZING LINE SUB-SUMMARY

Loc. No.	LOCATION			QUANTITIES						REMARKS	CALCULATED CHECKED
	COUNTY	ROUTE	SLM	12" CHL	8" CHL						
				FT.	FT.						
	DARKE	US-36	8.35		265					SR-121 (US-36 ONLY)	
	DARKE	US-36	13.28		73					SR-571	
	DARKE	SR-121	18.32		121					KRUCKENBERG RD	
	DARKE	US-127	20.36		87					Annie Oakley Park	
	DARKE	US-127	22.58		448					SR-47	
	DARKE	SR-49	6.27		240					ALT SR-49 A SOUTH	
	DARKE	SR-49	8.91		280					ALT SR-49 A NORTH	
	TOTAL FOR DARKE COUNTY				1514						
	LOGAN	US-33	4.56		221					MIDWAY RD	
	LOGAN	US-33	9.79		343					SR-274	
	LOGAN	US-33	10.96	1222						SR-117 INTERCHANGE	
	LOGAN	US-33	11.33	104						CR-37	
	LOGAN	US-33	12.64	111						TR-57	
	LOGAN	US-33	12.95	1517						Eastbound and Westbound Rest Areas	
	LOGAN	US-33	15.66	2022						US-68 Interchange	
	LOGAN	US-33	17.22	1038						SR-540 Interchange	
	LOGAN	US-33	19.82	1141						CR-10 Interchange	
	LOGAN	US-33	21.96	984						SR-292 Interchange	
	LOGAN	US-33	25.50	2094						SR-347 Interchange	
	LOGAN	SR-47	19.97		250					SR-533	
	LOGAN	SR-117	0.71		103					SR-273	
	LOGAN	SR-117	4.81		252					SR-366	
	LOGAN	SR-235	14.39		659					SR-274	
	LOGAN	SR-235	15.01		737					DRIVEWAY	
	LOGAN	SR-235	15.17		546					SR-708	

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CHANNELIZING LINE SUB-SUMMARY

Loc. No.	LOCATION			QUANTITIES						REMARKS	CALCULATED CHECKED
	COUNTY	ROUTE	SLM	12" CHL	8" CHL						
				FT.	FT.						
	LOGAN	SR-235	18.08		170					SR-366	
	LOGAN	SR-274	5.83		290					TR-61 ROUGHTON RD	
	LOGAN	SR-287	11.26		286					NEX TRANSPORT	
	LOGAN	SR-287	11.69		160					NEX TRANSPORT	
	LOGAN	SR-287	12.36		909					TR-157A	
	LOGAN	SR-347	4.46		1142					HONDA DRIVE #1	
	LOGAN	SR-347	4.64		579					HONDA DRIVE #2	
	LOGAN	SR-366	7.10		130					SR-368	
	LOGAN	SR-540	1.65		307					US-33 Interchange	
	TOTAL FOR LOGAN COUNTY			10215	5523						
	MERCER	SR-29	9.22		345					E JCT SR-118	
	MERCER	SR-29	18.37	1022						Harris Rd	
	MERCER	US-127	8.99		392					SR-219	
	MERCER	US-127	10.05		83					SR-703	
	MERCER	US-127	12.07		170					TR-126 MONROE	
	MERCER	US-127	20.84		770					US-33	
	TOTAL FOR MERCER COUNTY			1022	1760						
	MIAMI	SR-41	7.78		851					SR-202	
	MIAMI	SR-41	12.94		406					CR-35 Washington Pike	
	MIAMI	IR-75	4.40	250						CR-25A SB EXIT RAMP	
	MIAMI	IR-75	7.85	417						SR-55 INTERCHANGE Ramp Only	
	MIAMI	IR-75	9.71	1037						SR-41 INTERCHANGE Ramp Only	
	MIAMI	IR-75	16.66	1269						NORTHBOUND REST AREA	
	MIAMI	IR-75	16.66	1167						SOUTHBOUND REST AREA	
	MIAMI	IR-75	16.72	2862						US-36 Interchange	
	MIAMI	IR-75	17.77	2463						CR-25A	
	MIAMI	SR-201	2.44		651					Bethel School	
	MIAMI	SR-202	5.07		710					SR-571 (Not South approaches)	
	MIAMI	SR-571	11.84		620					CR-149 Peters Pike	
	TOTAL FOR MIAMI COUNTY			9465	3238						

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CHANNELIZING LINE SUB-SUMMARY

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CHANNELIZING LINE SUB-SUMMARY

Loc. No.	LOCATION			QUANTITIES						REMARKS	CALCULATED CHECKED		
	COUNTY	ROUTE	SLM	12"CHL	8" CHL	FT.	FT.						
				FT.	FT.								
MOT	IR-75	0.76	1362							Austin Blvd Interchange Concrete Only			
MOT	IR-75	3.74	643							SR-725 Interchange NB Exit Ramp			
MOT	IR-75	6.66	2000							Dixie Drive Interchange Ramps Only			
MOT	IR-75	9.32	1008							Dryden Rd Interchange			
MOT	IR-75	9.58	948							SR-741 Interchange			
MOT	IR-75	10.78	2345							Edwin C Moses Interchange			
MOT	IR-75	13.46	2206							SR-48 (Main St) Interchange			
MOT	IR-75	18.74	1850							Benchwood Wyse Rd Interchange Ramps Only			
MOT	IR-75	20.44	1990							IR-70 Interchange Concrete Ramps			
MOT	IR-675	2.10	308							SR-725 Interchange Leona Lane			
MOT	IR-675	2.33	140							Yankee St Interchange Leona Lane			
MOT	IR-675	4.47	1074							Alex Bell Intg			
MOT	IR-675	4.79	2509							SR-48 Interchange			
MOT	IR-675	7.42	1623							Wilmington Pike Interchange			
TOTAL FOR MONTGOMERY COUNTY				38004	12534								
SHELBY	SR-274	1.13		100						SR-29 West			
SHELBY	IR-75	5.28	2680							Fair Rd Interchange			
SHELBY	IR-75	6.66	3437							SR-47 Interchange			
SHELBY	IR-75	8.53	2339							SR-29 Interchange			
SHELBY	IR-75	9.43	2294							CR-25A Interchange			
SHELBY	IR-75	14.47	1492							SR-119 Interchange			
SHELBY	IR-75	17.54	1710							SR-274 Interchange			
SHELBY	IR-75	19.54	1474							SR-219 Interchange			
TOTAL FOR SHELBY COUNTY				15426	100								
											34		
											36		

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CHANNELIZING SUB-SUMMARY

CHANNELIZING LINE SUB-SUMMARY

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GENERAL SUMMARY

SHEET NUMBER 2	SHEET NUMBER 5	SHEET NUMBER 6	SHEET NUMBER 7	SHEET NUMBER 13	SHEET NUMBER 28	SHEET NUMBER 35	PARTICIPATION			ITEM	ITEM EXT.	TOTAL QUANTITY	UNIT	DESCRIPTION	SEE SHEET NO.
							01/SAF/OT	02/SAF/OT							
TRAFFIC CONTROL															
	48.40						48.40			642	50000	48.40	MILE	PAVEMENT MARKINGS MISC.: BLACK SHADOW LANE LINE	6
		340.78			340.78					643	00204	340.78	MILE	LANE LINE, 6"	
			40064	40064						643	00400	40064	FT.	CHANNELIZING LINE, 8"	
			100550	10550						643	00404	10550	FT.	CHANNELIZING LINE, 12"	
			18735	18735						643	00500	18735	FT.	STOP LINE	
			11374	11374						643	00600	11374	FT.	CROSSWALK LINE	
			29822	29822						643	00700	29822	FT.	TRANSVERSE / DIAGONAL LINE	
	40				40					643	01000	40	EACH	RAILROAD SYMBOL MARKING	5
	32				32					643	01110	32	EACH	SCHOOL SYMBOL MARKING, 96"	5
			905	905						643	01300	905	EACH	LANE ARROWS	
			76	76						643	01410	76	EACH	WORD ON PAVEMENT, 96 "	
			5463	5463						643	01500	5463	FT.	DOTTED LINE, 4"	
			77201	77201						643	01510	77201	FT.	DOTTED LINE, 6"	
			4923	4923						643	01550	4923	FT.	DOTTED LINE, 12"	
			13	13						643	01602	13	EACH	BIKE LANE SYMBOL MARKING	
			68	68						643	20802	68	FT.	YIELD LINE	
	41				41					SPECIAL	64340000	41	EACH	AERIAL SPEED ZONE MARKING	7
MAINTENANCE OF TRAFFIC															
24						24				614	11110	24	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
INCIDENTALS															
						LS				624	10000	LS		MOBILIZATION	
						LS				614	11001	LS		MAINTAINING TRAFFIC, AS PER PLAN	3,4