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STATE OF OHIO
 DEPARTMENT OF TRANSPORTATION
 DISTRICT 7

AUG-VAR
 CHP-VAR
 CLA-VAR
 DAR-VAR
 LOG-VAR
 MER-VAR
 MIA-VAR
 MOT-VAR
 SHE-VAR

FEDERAL PROJECT NO.
 E190(300)

FAST DRY PAVEMENT MARKING
 FY 2019

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)

D07 - FDPM FY19 Conformed Set
 190149 PID - 103259
 Dist 7 3/7/2019
 Contract Proposal Available @
 www.contracts.dot.state.oh.us/home

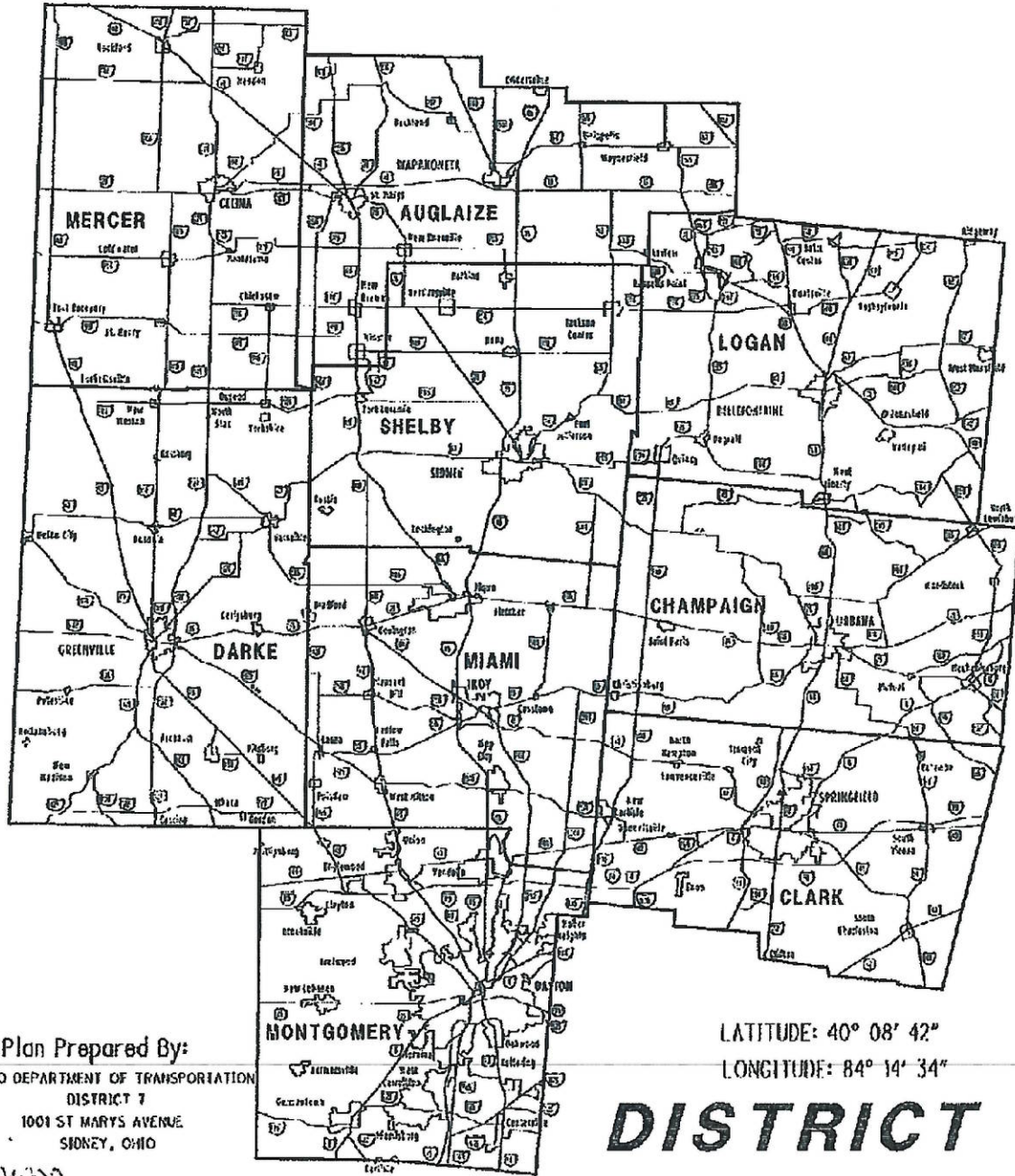
2016 SPECIFICATIONS

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

I hereby approve these plans and declare that the making of this improvement 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 estimates.

12/7/18 Randy Chervinsky, PEPS/RPH
 Date Approved District Deputy Director

1/3/19 Sean W. [Signature]
 Date Approved Director, Department of Transportation



Supplemental Specifications	Special Provisions
800 01/18/19	
821 04/20/12	
832 10/19/18	
921 04/20/12	

Standard Construction Drawings

DM-4.3	01/15/16	MT-95.60	07/19/13		
DM-4.4	01/15/16	MT-98.11	01/20/17	TC-71.10	01/19/18
		MT-98.20	07/18/14	TC-72.20	07/20/18
		MT-99.20	07/20/18		
MT-95.30	07/21/17	MT-105.10	07/19/13		
MT-95.31	07/21/17				
MT-95.32	07/21/17				

ENGINEER'S SEAL



Plan Prepared By:
 OHIO DEPARTMENT OF TRANSPORTATION
 DISTRICT 7
 1001 ST MARYS AVENUE
 SIDNEY, OHIO

Signed: Betty Ann Buening
 Date: 12/7/18

DISTRICT 7

FID NO.
 103259

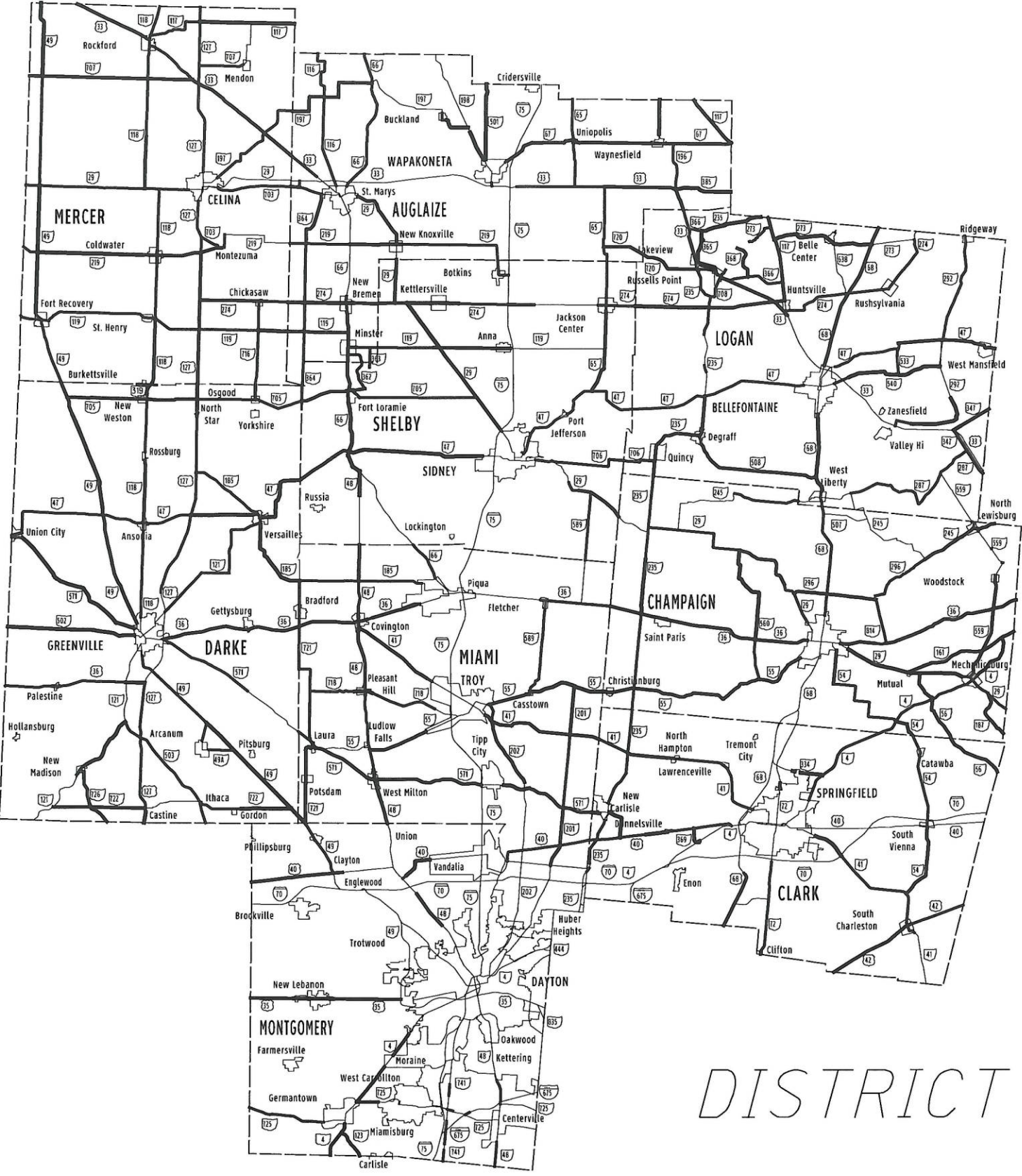
CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT
 NONE

D07 - FDPM - FY19

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CENTERLINE PAVEMENT MARKING LOCATION MAP



DISTRICT 7

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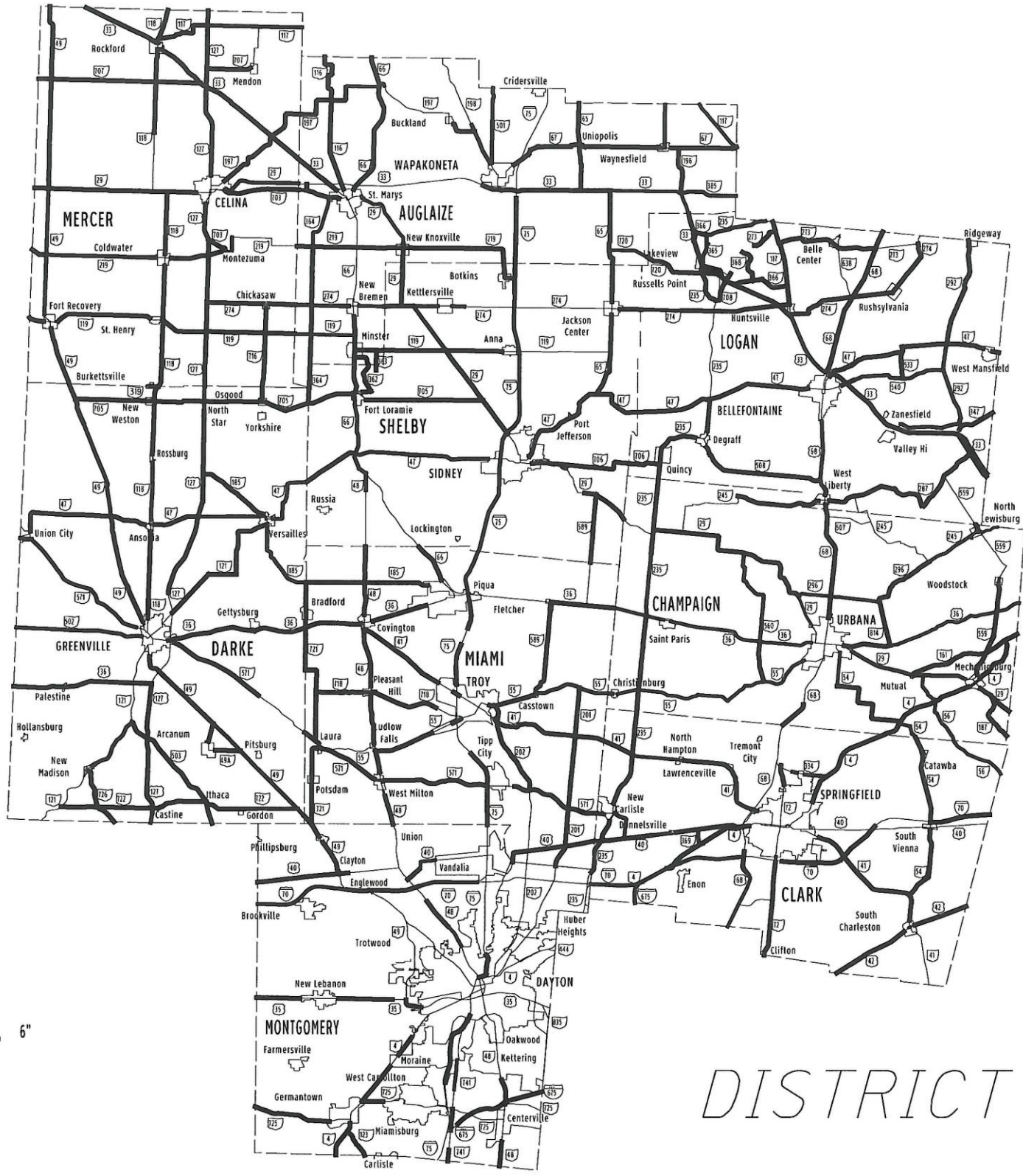
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LOCATION MAP

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EDGE LINE PAVEMENT MARKING LOCATION MAP



DISTRICT 7

LOCATION MAP

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FAST DRY PAINT

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GENERAL NOTES

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IN ADDITION TO THE REQUIREMENTS OF 640, THE FOLLOWING SHALL APPLY:

MATERIALS

THE MATERIALS USED ON THIS PROJECT SHALL BE 740.02, TYPE 1, FAST DRY, WATER-BASED, 100 PERCENT ACRYLIC TYPE TRAFFIC PAINT, UNLESS OTHERWISE INDICATED.

LAYOUT AND PREMARKING

NEW AUXILIARY MARKINGS SHALL BE PLACED OVER EXISTING MARKINGS EXCEPT AT LOCATIONS NOTED IN THE PLANS. SCHEMATIC FORMS FOR THE LOCATIONS NOTED IN THE PLANS WILL BE FURNISHED BY THE ENGINEER AT THE PRECONSTRUCTION CONFERENCE. WHERE THE MARKINGS WHICH WERE TO BE RETRACED ARE NO LONGER VISIBLE, THE CONTRACTOR SHALL PREMARK AUXILIARY MARKINGS FROM THE SCHEMATIC FORMS FURNISHED BY THE ENGINEER, UNLESS THE ENGINEER DIRECTS OTHERWISE.

A "NO PASSING ZONE" LOG WILL BE FURNISHED BY THE ENGINEER AT THE PRECONSTRUCTION MEETING TO ESTABLISH THE T-MARKING OF NO PASSING ZONES.

CENTER LINE EQUIVALENT SOLID LINE

THE EQUIVALENT SOLID LINE QUANTITIES (TAKEN FROM THE DISTRICT NO-PASSING ZONE LOG) ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR TO ESTIMATE THE APPROXIMATE QUANTITY OF CENTER LINE PAVEMENT MARKING MATERIAL NEEDED. THESE EQUIVALENT SOLID LINE QUANTITIES ARE NOT TO BE UTILIZED FOR PAY QUANTITIES OR AS A BASIS OF PAYMENT FOR DELIVERED MATERIALS.

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.

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.

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 HOLIDAY OR EVENT	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)	12:00N WEDNESDAY THROUGH 6:00AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY

NO EXTENSIONS OF TIME SHALL BE GRANTED FOR DELAYS IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY-WIDE, OR FOR LABOR STRIKES, UNLESS SUCH STRIKES ARE AREA-WIDE.

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- 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 DEPARTMENT OF TRANSPORTION 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:

1675	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)
175	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 - 20.33)	MIA CO. (SLM 0.00 - 6.32)
	CLA CO. (SLM 0.00 - 10.88)	
SR4	MOT CO. (SLM 0.00 - 25.79)	CLA CO. (SLM 0.00 - 18.18)
SR48	MOT CO. (SLM 0.00 - 26.49)	MIA CO. (SLM 0.00 - -1.04)
SR49	MOT CO. (SLM 0.00 - 18.12)	
SR123	MOT CO. (SLM 0.00 - 2.08)	
SR235	MOT CO. (SLM 0.00 - 2.52)	CLA CO. (SLM 0.00 - 3.92)
SR725	MOT CO. (SLM 0.00 - 22.18)	
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 CENTERLINE OR EDGELINE FOR THE LOCATIONS AS LISTED BELOW:

SR48	MOT CO. (16.38 - 19.34)	6PM TO 6AM AND 9AM TO 3PM
SR725	MOT CO. (14.81 - 16.48)	6PM TO 6AM AND 9AM TO 3PM
SR741	MOT CO. (0.00 - 6.20)	6PM TO 6AM AND 9AM TO 3PM
SR35	MOT CO. (9.21 - 10.35)	6PM TO 6AM AND 9AM TO 3PM

- 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 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 A 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 FEET AND 650 FEET, 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 ACCOMMODATE 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 MONEYS DUE, OR TO BECOME DUE THE CONTRACTOR ON THIS 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.

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 ITEM 614, MAINTAINING TRAFFIC, AS PER PLAN.

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GENERAL NOTES

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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
Mercer County	US-127	14.93 – 26.13	6/30/19
Mercer County	SR-49	13.90 – 21.45	6/30/19
Mercer County	SR-119	12.89 – 17.01	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 EDGE LINE 6", TYPE 1, AS PER PLAN

Follow C&MS 642 with the following exceptions:

BINDER THICKNESS: 30 Mils (Wet Film Thickness) Install 3M Connected Roads All Weather Elements at 5.3 LB/100 SQ/Ft and glass beads (C&MS 740.09A) at 8 LB/100 SQ./Ft using a double-drop elements/bead delivery system with All-Weather Elements as the first drop. Apply at rates in accordance with manufacturer's recommendations.

The Wet-Reflective pavement markings shall be placed in the EASTBOUND DIRECTION ONLY, (Left Edge Line, Right Edge Line) on Logan US-33 from SLM 22.44 (SR-292 End Eastbound entrance ramp) to SLM 29.65 (Logan/Union County Line). **This work will be completed by May 15, 2019.**

SPECIFICATION FOR CONNECTED ROADS ALL WEATHER ELEMENTS

SECTION I - GENERAL

The purpose of this document is to define the material, composition, performance, and application requirements necessary to install Connected Roads All Weather Elements into liquid pavement markings for optimized retroreflectivity performance.

This work shall consist of furnishing and installing a multi-component, retroreflective traffic marking system in accordance with this specification and in reasonably close conformance to the dimensions and lines shown on the plans or established by the engineer.

This specification describes the traffic marking system, which consists of a liquid pavement marking, composite optical elements, and glass beads and can be applied over existing markings on bituminous and Portland cement concrete pavements.

Waterborne or two-component liquid pavement markings shall be applied using a spray method, followed immediately by a double drop application of composite optical elements and glass beads. Thermoplastic liquid pavement markings shall be applied using a screed or ribbon method, followed immediately by a double drop application of composite optical elements and glass beads. The resulting traffic marking system shall comprise a stripe of specified thickness, length, and width that is retroreflective under both dry and wet conditions and capable of resisting deformation by traffic.

SECTION II – MATERIALS DESCRIPTION

A. CONSTRUCTION

A marking shall comprise a durable white and yellow liquid pavement marking binder with reflective media adhered to it. The reflective media shall consist of glass beads and composite optical elements.

B. BINDER

The finished liquid binder shall be formulated and manufactured from first-grade materials, be capable of being installed at the required thickness, and resist weathering by withstanding air and roadway temperatures without bleeding, staining, discoloring, or deforming.

C. REFLECTIVE MEDIA

The reflective media shall be reflective composite optical elements and glass beads designed for drop-on application. The reflective media shall conform to the requirements described in Section II D and Section II E.

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D. COMPOSITE OPTICAL ELEMENTS

The composite optical elements shall be constructed of either clear or yellow tinted microcrystalline ceramic beads bonded to opacified cores. The composite elements shall not be manufactured using materials known to contain more than trace amounts of lead, chromate, or arsenic.

1. Index of Refraction

All "dry-performing" microcrystalline ceramic bead components of the composite elements shall have a minimum index of refraction of 1.80 when tested using the liquid oil immersion method. All "wet-performing" microcrystalline ceramic bead components of the composite elements shall have a minimum index of refraction of 2.30 when tested using the liquid oil immersion method.

Testing procedure for refractive index of beads by liquid immersion

It is recommended that users familiarize themselves with these testing procedures prior to marking installations.

Equipment Required:

- Microscope (minimum 100X magnification)
- Light Source - preferably a sodium light or other monochromatic source
- Refractive Index Liquids (available from R.P. Cargille Laboratories, Inc., Cedar Grove, NJ.)
- Microscope Slide and Slide Cover
- Mortar and Pestle

Procedure:

Using the mortar and pestle, crush a few representative beads and place a few of the crushed particles onto a microscope slide. Place a drop of a refractive index liquid with an index as close to that of the crushed particles as can be estimated on the particles. Cover the slide with a microscope slide cover and view the crushed particles by transmitted light normal to the slide surface (illuminated from the bottom). Adjust the microscope light intensity to the minimum required for viewing. Proper light intensity is particularly important if a sodium light is not used. Bring a relatively flat and transparent particle into focus by slightly raising or lowering the objective (microscope tube) and look for one or both of the following:

Becke Line:

A Becke line will appear to move either into the particle or away from it. In general, if the objective is lowered, the line will move toward the material of lower index.

Variation in Particle Brightness

When raising the objective from a sharp focus, the particle will appear to get brighter or darker than the surrounding field. If it becomes brighter, the particle has a higher refractive index than the liquid. If the particle becomes darker, it has a lower refractive index than the liquid. In both cases, the opposite will be observed when the objective is lowered.

The liquid immersion test can be used to confirm whether beads are above or below a specified index. It can also be used to accurately determine beads' precise index of refraction (± 0.001) by testing with several liquids, with varying indices, until a match or near match is found. The index of the glass beads will equal that of the immersion liquid when no Becke line and no variation in particle brightness is observed.

2. Element Gradation

See Table 1.

Table 1. Element Gradation

US Mesh	Micron	Mass Percent of Standard Elements Passing ASTM D1214
10	2000	95-100
14	1410	0-40
20	850	0-5

3. Acid Resistance

Microcrystalline ceramic reflective elements, as supplied by the manufacturer, shall resist surface corrosion when exposed to a 1% solution (by weight) of sulfuric acid.

Procedure:

Place 10g of microcrystalline ceramic beads in a 100 ml beaker and cover with 30-40 ml of 1 wt% aqueous sulfuric acid. Cover beaker, to prevent evaporation, and allow sample to sit for 24 hours. After 24 hours, decant acid, rinse sample with fresh deionized water, and dry it in a 150°F (66°C) oven for approximately 15 minutes, or until dry. To pass the acid resistance test, microscopic examination (20X) shall show not more than 15% of the beads entirely covered in a corrosion layer (distinct opaque white surface).

4. Surface Treatment

Composite optical elements for use with two-component liquid binders shall be surface treated to optimize their embedment and adhesion properties.

E. GLASS BEADS

The required second drop glass beads shall have an index of refraction of 1.5 when tested by the immersion method at 77°F (25°C). The glass beads shall be surface treated to optimize their embedment and adhesion with the liquid binder. The surfaces of the glass beads shall be free of pits and scratches. Any #40 U.S. (425 microns) glass beads used shall have a minimum crush strength of 30 pounds, in accordance with ASTM D1213. At minimum, 15% of the total weight of the glass beads used shall be direct melt glass beads. All beads greater than 600 microns (30 US Mesh) in size shall be 85% minimum rounds. Overall rounds shall be 75% minimum, as measured according to ASTM D1155. Second drop glass beads shall conform to one of the bead gradations described in Table 2.

Table 2. Gradations of 1.5 Index Glass Beads

Mass Percent Passing (ASTM D1214)					
US mesh	Microns	AASHTO M247 Type 1	Missouri specification Type P	FP03 718.19 Type 3	18/50 (Utah) performance specification
12	1700			100	
14	1410			95-100	
16	1180	100		80-95	
18	1000			10-40	65-80
20	850	95-100	90-97	0-5	
25	710			0-2	

30	600	75-95	60-87		0-30
40	425				
50	300	15-35	0-15		0-5
70	212		0-5		
80	180				
100	150	0-5			

SECTION III - CHARACTERISTICS OF FINISHED TRAFFIC MARKING

Because of the normal variabilities of road surfaces, application processes, and measurements, the properties of markings produced from the materials specified herein will vary from one installation to the next. When the materials described above are applied according to the procedures presented in Section IV, they shall form markings with the following properties.

A. RETROREFLECTANCE VALUES

Typical initial retroreflectance, R_L , values are shown in Table 3. The values presented in Table 3 represent the averages of many readings.

Table 3. Typical Initial Retroreflectance Values in [$\text{mcd}(\text{ft}^2)(\text{fc}^{-1})$], metric equivalent [$\text{mcd}(\text{m}^2)(\text{lux}^{-1})$]

Property/test method	Series Dry, Dry E, Dry M	Series 50, 50E, 50M	Series 90, 70E, 70M	Series Wet, Wet E, Wet M
Retroreflectivity, Dry Average ASTM E1710	White: 1250 Yellow: 900	White: 700 Yellow: 525	White: 500 Yellow: 375	N/A
Retroreflectivity, Wet Recovery Average ASTM E2177	N/A	White: 275 Yellow: 225	White: 375 Yellow: 300	White: 425 Yellow: 325
Retroreflectivity, Wet Continuous Average ASTM E2832	N/A	White: 200 Yellow: 150	White: 275 Yellow: 225	White: 325 Yellow: 250

Typical minimum initial retroreflectance values are shown in Table 4. The values presented in Table 4 represent the averages of many readings.

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Table 4. Typical Minimum Initial Retroreflectance Values in [mcd(ft²)(fc⁻¹)], metric equivalent [mcd(m⁻²)(lux⁻¹)]

Property/test method	Series Dry, Dry E, Dry M	Series 50, 50E, 50M	Series 90, 70E, 70M	Series Wet, Wet E, Wet M
Retroreflectivity, Dry Average ASTM E1710	White: 1000 Yellow: 700	White: 550 Yellow: 400	White: 400 Yellow: 300	N/A
Retroreflectivity, Wet Recovery Average ASTM E2177	N/A	White: 200 Yellow: 175	White: 300 Yellow: 225	White: 325 Yellow: 250
Retroreflectivity, Wet Continuous Average ASTM E2832	N/A	White: 150 Yellow: 100	White: 200 Yellow: 175	White: 250 Yellow: 200

Note: Typical retroreflectance results represent average performances for smooth pavement surfaces. Results may vary due to differences in pavement type and surface roughness. Increased element drop rate may be necessary to compensate for increased surface area characteristic of rough pavement surfaces.

Some reasonable variance should be expected (for example, application on very rough road surfaces or variations in glass bead source or type).

B. SAMPLING PROCEDURE

1. Initial Retroreflectance

The initial retroreflectance of any single installation shall be the average value determined using the procedures outlined in ASTM E1710.

Initial retroreflectance of pavement marking shall be measured 3-7 days after application. Measurements taken immediately after application may be different due to excess non-adhered beads, elements remaining on the line, and residual surface treatment.

2. Sampling Intervals

Step 1: A visual night inspection must be made in the presence of both a manufacturer representative and customer representative to identify the areas of the installation that appear to be below the minimum values presented in Table 4. Areas that appear to be below the minimum R_L value shall be identified as potential zones of replacement ("Zone of Replacement"). To qualify for replacement, a zone must be at least 360 feet (108 meters) in road length and shall consist of either edge lines, center lines or lane lines, but not in combination.

Step 2: Within each zone, reflectance measurements must be taken at specified measurement sections. The measurement procedure varies based on the total length of the Zone of Replacement, as described below.

a. Zones Measuring 360 Feet (108 m) to 1,080 Feet (324 m) in Length

For continuous lines, reflectance measurements must be made at approximately 20 ft (6 m) intervals throughout the Zone of Replacement. For skip lines, two measurements must be taken at two random locations on each skip throughout the Zone of Replacement.

b. Zones Measuring 1,080 Feet (324 m) to 6 Miles (9.6 km) in Road Length

A minimum of three measurement sections must be specified within the Zone of Replacement: the start point, the mid point, and the end point. Each measurement section must be at least 360 ft (110 m) in road length. A minimum of 18 measurements must be made in each of the three measurement sections within the Zone of Replacement. For continuous lines, reflectance measurements must be made at 20-foot (6 m) intervals throughout each measurement section. For skip lines, two measurements must be taken at two random locations on each skip in the measurement sections.

c. Zones Greater than 6 Miles in Road Length

A minimum of 18 measurements must be made in each measurement section within the Zone of Replacement. The measurement sections consist of: a start point, an end point, and each 3-mile (4.8 kilometers) interval throughout the Zone of Replacement. Each measurement section must be at least 360 ft (110 m) in road length. For continuous lines, reflectance measurements must be made at 20-foot (6 m) intervals throughout each measurement section. For skip lines, two measurements must be taken at two random locations on each skip in the measurement section.

Step 3: All reflectance measurements made at the checkpoints shall be made on a clean, dry surface at a minimum temperature of 40° F (4° C). The test instrument shall use an Entrance Angle of 88.76° and an Observation Angle 1.05° which represent a simulated driver viewing geometry at a 30 meter distance.

Step 4: All reflectance measurements within the Zone of Replacement must be averaged to determine if the minimum retained retroreflectance values have been met.

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3. Wet Retroreflectance

Wet retroreflectance values measured under a "condition of continuous wetting" (simulated rain) shall be in accordance with ASTM E2832, and to reduce variability between measurements, the test method shall be performed in a controlled laboratory environment while the representative marking, applied to a rigid panel (i.e. 20 ga. aluminum or thicker) is positioned with a 3 to 5 degree lateral slope. Measurements shall be reported as the average value from a minimum of three locations as identified in Step 2 above. Samples of the completed finished product shall be applied to flat panels during application and brought back to the lab for testing.

Wet recovery retroreflectance values shall be obtained in accordance with ASTM E2177. Measurements shall be reported as the average value from a minimum of three locations as identified in Step 2, Section III B. above.

SECTION IV - APPLICATION

The contractor shall furnish equipment and apply materials according to the following specifications:

A. EQUIPMENT

1. General

Application equipment shall be capable of producing markings that meet the specifications contained herein using the materials specified in Section II. Specifically:

- a. The equipment shall be capable of double-drop application of composite optical elements and glass beads to the surface of the pavement marking.
- b. The composite optical element dispenser for the first drop shall be attached to the striping machine in such a manner that the composite optical elements are dispensed closely behind the binder application device.
- c. The glass bead dispenser for the second drop shall be attached to the striping machine in such a manner that the glass beads are dispensed immediately after the first drop of composite optical elements.

- d. The composite optical element and glass bead applicators should be equipped with automatic cut-off controls that are synchronized with the cut-off of the binder material.
- e. The composite optical element and glass bead applicators shall be capable of delivering uniform drop rates at the required application speed.
- f. The composite optical elements and glass beads shall be applied such that they appear uniform across the entire traffic marking.

1. Mobile Truck Mounted Applicators

Mobile truck mounted applicators shall be capable of traveling at uniform, predetermined speeds over variable road grades to produce uniform applications of striping material following straight lines and normal curves in true arcs. Mobile truck mounted applicators shall be capable of air-blasting pavement application surfaces, applying stripes, and immediately dropping composite optical elements and glass beads in a single pass, at speeds of up to 8 mph (13 km/h).

2. Walk-Behind Cart Applicators

Walk-behind cart applicators shall be capable of uniformly applying striping material at walking speeds, following straight lines, and making tight turns on symbols and legends. Mobile equipment must be available to air blast application surfaces immediately prior to hand cart application. Walk-behind carts shall be capable of applying liquid binder and immediately dropping composite optical elements and glass beads in a single pass, at walking speeds.

3. Equipment Inspection

At any time throughout the duration of the project, the contractor shall provide free access to application equipment for inspection by the engineer, an authorized representative, or a materials representative.

B. APPLICATION CONDITIONS:

1. Liquid Binder

Follow all liquid binder manufacturer's application condition requirements pertaining to air and surface temperature, moisture levels, and surface preparation.

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2. Surface Preparation

Marking operations shall not begin until all required surface preparation work has been completed and approved by the engineer:

- a. Prior to applying markings, the contractor shall remove any existing markings showing obvious signs of degradation and/or lack of adhesion.
- b. Prior to applying markings, the contractor shall remove all curing compounds from new Portland cement concrete surfaces.
- c. Prior to applying markings, the contractor shall remove all dirt, sand, dust, oil, grease, and any other contaminants from application surfaces.

3. Dimensions

Reflectorized pavement markings shall be placed only on properly prepared surfaces and in the widths and patterns designated on the contract plans. The contractor shall ensure there is no excessive overspray of the liquid binder. The markings shall be applied in accordance with the "Manual on Uniform Traffic Control Devices" and in accordance with the engineer's plans.

4. Other Restrictions

The engineer and/or contractor shall determine and define any further restrictions and requirements related to weather and pavement conditions necessary to meet all other application specifications and produce markings that perform to the satisfaction of the engineer. If the pavement surface contains heavy tines or very large aggregate, which are used in open grade friction courses and stone matrix asphalt mixes, additional surface preparations may be required prior to application of the liquid traffic marking system.

5. Binder Thickness

Liquid binder shall be applied at the proper thickness, per the project plans. The minimum thickness applied, shall be as specified by the engineer or per the manufacturer recommendations for the binder type being applied.

6. Reflective media application

Reflective media consists of retroreflective elements followed by glass beads, commonly called "double-drop." The specified reflective media shall be dropped immediately after binder application in sufficient quantities to achieve the application rates shown in Table 5 and Table 6.

Table 5. Element Application Rates

Units	Minimum for smooth surface
Pounds per 4-inch lineal foot	0.018
Pounds per mile, 4-inch width	93
Grams per 4-inch lineal foot	8
Grams per square foot	24
Grams per square meter	260

Table 6. Glass Bead Application Rates

Binder type units	High build waterborne paint	Polyurea / 3M LPM 5000	Epoxy*	MMA	Thermoplastic
Pounds per 4" lineal foot	0.026 – 0.053	0.033 – 0.053	0.05 – 0.0917	0.033 – 0.053	0.033 – 0.053
Grams per 4" lineal foot	12 – 24	15 – 24	22.7 – 41.6	15 – 24	15 – 24
Pounds per gallon – 20 mils ~ 240 ft/gal	6.4 – 12.8	8.0 – 12.8	12 – 22		
Pounds per gallon – 25 mils ~ 190 ft/gal	5.1 – 10.2	6.4 – 10.2	9.5 – 17.4		
Pounds/100 Sq ft	7.94 – 15.87	9.92 – 15.87	15 – 27.5	9.92 – 15.87	9.92 – 15.87
Preferred bead type	Missouri Type P or 18/50 (Utah)			18/50 (Utah) or FP -3 #718.19 Type 3	

*Bead drop rate may be adjusted to achieve adequate track-free time.

7. Adhesion

The contractor shall ensure that markings are well adhered to the road surface, and that glass beads and composite optical elements are well adhered to the binder.

8. Rain Event

The liquid binder must be allowed to harden, per the manufacturer's recommendations, sufficiently in advance of a rain event to prevent wash out.

9. Retroreflectivity

The contractor shall ensure that the reflectorized pavement markings meet the typical initial minimum retroreflectance performance criteria stated in Table 3 and Table 4, when measured according to the procedures described in Section III B.

10. Protective Measures

- a. Traffic - Control and protect traffic with warning and directional signs during striping. Set up warning signs before beginning each operation and place signs well ahead of the striping equipment. When necessary, use a pilot car to protect both the traffic and the striping operation.
- b. Marking - Protect freshly applied markings based on weather conditions.

SECTION V - INSPECTION AND TESTING

At any time throughout the duration of the project, the contractor shall provide free access to application equipment for inspection by the engineer, an authorized representative, or a materials representative.

A. REFLECTIVE MEDIA

When required by the engineer, the contractor shall demonstrate to the engineer that the reflective element and glass bead delivery systems have been properly calibrated per the manufacturer's requirement. This may be accomplished by one of the two methods described below.

1. Pressurized Delivery Systems

Calibration shall be conducted with a graduated cylinder, portable scale, or similar measuring device. Reflective elements or glass beads shall be collected from their respective dispenser for a timed period. The volume of the reflective elements and glass beads shall then be measured and compared with the manufacturer's requirements.

2. Non-Pressurized Delivery Systems

Calibration shall be conducted with catch pans that are wide enough to capture the width of the drop and of known geometry. Position a pan in the marking application path on the road. Then, separately for each glass beads and composite optical elements, with the applicator off, the applicator is passed over the catch pan at the appropriate speed and drop rate. Finally, weigh the drop and calculate the drop rate from the length of the pan and the width of the drop using the following equation:

$$\text{Drop rate} = \text{drop capture weight} / [(\text{drop width}) \times (\text{pan length})].$$

B. APPLICATION PANEL

The contractor shall provide, when required by the engineer, at least one representative sample coated onto an aluminum panel, or equivalent. This coated panel will serve as a record of the project output and the application conditions and settings used.

SECTION VI - CONTRACT UNITS AND BASIS FOR PAYMENT

Pavement markings will be measured in feet complete-in-place for the width specified.

Retroreflective markings will be paid for at the contract unit price, which shall be full compensation for cleaning and preparing the pavement surface, for furnishing and placing all materials, and for all materials, labor, tools, equipment, and incidentals necessary to complete the work.

Payment will be made under:

Item 642 Edge Line, 6", Type 1, As Per Plan

When materials are found to be non-conforming under Section II, the material supplier shall provide replacement materials at no cost.

When markings are found to be non-conforming under Section III, the contractor shall bear full responsibility for all repair work and associated costs, including purchase of replacement materials.

When the fault of non-conformance with the specification is indeterminate or in dispute, the materials supplier shall provide replacement materials and the contractor shall repair the markings, both at no cost to the engineer and/or agency.

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Loc. No.	LOCATION				CENTERLINE QUANTITIES			PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION		TOTAL MILES	DASH	EQUIV SOLID	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO										
	AUG	SR-116	1.21	11.08	9.87	0.00	6.97			0.84			9.03	ST MARYS NCL TO VAN WERT CO LINE
	AUG	SR-117	0.00	3.91	3.91	0.00	3.53					3.91		ALLEN CO LINE TO HARDIN CO LINE
	AUG	SR-119	0.00	4.16	4.16	0.00	1.97			0.97		3.19		MERCER COUNTY LINE TO SR-66
	AUG	SR-119	5.17	7.19	2.02	0.00	1.11			0.75		1.27		SOUTH JCT SR-66 TO SHELBY COUNTY LINE
	AUG	SR-196	0.00	3.19	3.19	0.00	3.12					3.19		JCT US-33 TO JCT-SR-67
	AUG	SR-196	4.15	7.17	3.02	0.00	1.82					3.02		SR-67 TO ALLEN CO LINE
	AUG	SR-197	0.00	7.44	7.44	0.00	4.89					7.44		MERCER COUNTY LINE TO SR-66
	AUG	SR-197	13.44	16.03	2.59	0.00	3.17					2.59		BUCKLAND WCL TO JCT-SR-198
	AUG	SR-198	2.67	7.90	5.23	0.00	2.90			1.08		1.10	3.05	WAPAKONETA NCL TO CR-208 NATIONAL RD
	AUG	SR-219	0.00	15.26	15.26	0.00	9.81					15.26		MERCER CO LINE TO SHELBY COUNTY LINE
	AUG	SR-274	0.00	6.15	6.15	0.00	3.50			2.23		3.92		MERCER CO LINE TO SHELBY COUNTY LINE
	AUG	SR-29	5.04	9.67	4.63	0.00	4.05			1.36		3.27		CR-33A TO NEW KNOXVILLE WCL
	AUG	SR-362	0.00	1.32	1.32	0.00	1.48			0.54		0.78		SHELBY CO LINE TO SR-66
	AUG	SR-363	0.00	1.01	1.01	0.00	0.30						1.01	SHELBY CO LINE TO SR-119
	AUG	SR-364	0.00	13.43	13.43	0.00	9.80			1.59		2.11	9.73	MERCER CO LINE TO ST MARYS CORP
	AUG	SR-364	15.12	15.66	0.54	0.00	1.03			0.17		0.37		JCT SR-703 TO END WESTBOUND RAMPS
	AUG	SR-385	0.00	3.93	3.93	0.00	4.24						3.93	US-33 TO HARDIN COUNTY LINE
	AUG	SR-501	3.06	7.59	4.53	0.00	3.23			0.48		4.05		WAPAKONETA NCL TO ALLEN CO LINE
	AUG	SR-65	0.00	5.27	5.27	0.00	5.10					5.27		SHELBY CO LINE TO JCT US-33
	AUG	SR-65	7.32	13.36	6.04	0.00	5.42					6.04		US-33 TO ALLEN CO LINE
	AUG	SR-66	0.00	1.52	1.52	0.00	0.55			1.52				SHELBY CO LINE TO SEVENTH ST
	AUG	SR-66	1.52	4.57	4.63	0.00	5.70			4.63				SEVENTH ST TO NEW BREMEN NCL
	AUG	SR-66	12.65	22.41	9.76	0.00	5.47			0.49		9.27		ST MARYS NCL TO ALLEN CO LINE
	AUG	SR-67	0.25	0.41	0.16	0.00	0.32			0.16				CR-25A TO WAPAKONETA SCL
	AUG	SR-67	2.75	18.94	16.19	0.00	14.37			1.43		14.76		WAPAKONETA ECL TO JCT SR-117
	AUG	SR-703	0.00	2.74	3.19	0.00	3.71			3.19				MERCER CO LINE TO ST MARYS WCL
	AUG	SR-720	0.00	2.81	2.81	0.00	1.48						2.81	SR-65 TO LOGAN CO LINE
	AUG	US-33	0.00	2.19	2.19	0.00	0.95			0.12		2.07		MERCER CO LINE TO BEGIN 4 LANE
	AUG	US-33	16.48	16.72	0.24	0.00	0.63				0.24			END 4 LANE IR-75 TO 0.07 W CR33A WAPAK FISHER RD
	AUG	US-33	16.94	29.20	12.26	0.00	7.73				12.26			.015 E CR33A WAPAK FISHER RD T LOGAN CO LINE
TOTAL FOR AUGLAIZE COUNTY					156.49	0.00	118.35			21.55	12.5	92.88	29.56	

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Loc. No.	LOCATION				CENTERLINE QUANTITIES			PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION		TOTAL MILES	DASH	EQUIV SOLID	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO										
	CHP	SR-161	0.00	7.08	7.08	0.00	9.72						7.08	SR-29 TO SR-4
	CHP	SR-187	0.00	3.39	3.39	0.00	5.52						3.39	MADISON CO LINE TO SR-29
	CHP	SR-235	0.00	16.11	16.11	0.00	9.38					12.59	3.52	CLARKE CO LINE TO LOGAN CO LINE
	CHP	SR-245	6.16	10.74	4.58	0.00	6.31						4.58	CR-43 CARILSE PIKE TO LOGAN CO LINE
	CHP	SR-245	17.06	22.54	5.48	0.00	10.00					5.48		SR-296 TO UNION CO LINE
	CHP	SR-29	2.68	17.87	15.19	0.00	18.41			0.24		14.95		NORTH JUNCTION SR-235 TO URBANA WCL
	CHP	SR-29	21.75	33.95	12.20	0.00	8.27			0.38		11.82		URBANA ECL TO MADISON CO LINE
	CHP	SR-296	0.00	10.52	10.52	0.00	12.46			0.51		10.01		SR-29 TO SR-245
	CHP	SR-4	0.00	12.23	12.23	0.00	14.22					12.23		CLARKE CO LINE TO UNION CO LINE
	CHP	SR-54	0.00	10.61	10.61	0.00	10.77			0.32		10.29		CLARKE CO LINE TO URBANA SCL
	CHP	SR-55	0.00	15.07	15.07	0.00	21.68			0.05		15.02		MIAMI CO LINE TO URBANA SCL
	CHP	SR-559	0.29	7.88	7.59	0.00	8.56					7.59		SR-29 TO WOODSTOCK NCL
	CHP	SR-559	11.38	11.80	0.42	0.00	0.15					0.42		NORTH LEWISBURG SCL TO SR-245
	CHP	SR-559	12.01	12.61	0.60	0.00	0.67						0.60	SR-245 TO LOGAN CO LINE
	CHP	SR-56	0.00	5.32	5.32	0.00	9.35					5.32		SR-29 TO CLARK CO LINE
	CHP	SR-560	0.00	9.94	9.94	0.00	11.77					2.76	7.18	SR-55 TO SR-29
	CHP	SR-814	0.00	3.07	3.07	0.00	1.76					3.07		US-36 TO SR-296
	CHP	US-36	0.00	14.04	14.41	0.00	10.25			2.00		12.41		MIAMI CO LINE TO URBANA WCL
	CHP	US-36	17.17	29.05	11.91	0.00	15.42			0.08		11.83		URBANA ECL TO UNION CO LINE
	CHP	US-68	8.65	16.20	7.55	0.00	3.16				7.55			URBANA NCL (RT) TO LOGAN CO LINE
TOTAL FOR CHAMPAIGN COUNTY					173.27	0.00	187.83			3.58	7.55	135.79	26.35	

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Loc. No.	LOCATION				CENTERLINE QUANTITIES			PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION		TOTAL MILES	DASH	EQUIV SOLID	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO										
	CLA	IR-675	1.58	1.72	0.14	0.00	0.38					0.14		NORTH OF IR-70 TO BEGIN 2 LANE
	CLA	SR-235	0.00	3.90	4.99	0.00	6.31		4.99					MONTGOMERY CO LINE TO NEW CARLISLE SCL
	CLA	SR-235	5.90	8.73	3.12	0.00	2.55					3.12		NEW CARLISLE NCL TO ROUNDABOUT
	CLA	SR-235	8.73	8.96	0.27	0.00	0.54					0.27		ROUNDABOUT AT SR-41
	CLA	SR-235	8.96	11.82	2.86	0.00	1.09					2.86		ROUNDABOUT TO CHAMPAIGN CO LINE
	CLA	SR-334	1.85	2.31	0.46	0.00	0.24		0.46					END 4 LANE TO DERR RD
	CLA	SR-334	2.74	4.24	1.50	0.00	1.23		1.50					SPRINGFIELD ECL TO SR-4
	CLA	SR-369	0.11	1.40	1.29	0.00	1.69					1.29		SR-4 TO US-40
	CLA	SR-4	17.64	24.85	7.28	0.00	7.95		2.15			5.13		SPRINGFIELD ECL TO CHAMPAIGN CO LINE
	CLA	SR-41	3.63	14.87	11.24	0.00	11.48		2.82			8.42		SOUTH CHARLESTON SCL TO SPRINGFIELD ECL
	CLA	SR-41	20.98	31.05	10.52	0.00	9.78		4.37			6.15		BEGIN 4 LANE UNDIVIDED TO ROUNDABOUT
	CLA	SR-41	31.05	31.30	0.16	0.00	0.32					0.16		ROUNDABOUT AT SR-235
	CLA	SR-41	31.30	33.37	2.07	0.00	2.31					2.07		ROUNDABOUT TO MIAMI COUNTY LINE
	CLA	SR-54	0.00	5.67	5.67	0.00	7.82					5.67		SR-41 TO IR-70 EB RAMPS
	CLA	SR-54	5.72	11.75	6.03	0.00	9.30					6.03		IR-70 WB RAMPS TO CHAMPAIGN CO LINE
	CLA	SR-56	0.00	4.13	4.13	0.00	5.87					4.13		CHAMPAIGN CO LINE TO MADISON CO LINE
	CLA	SR-571	0.00	0.27	0.27	0.00	0.27		0.27					MIAMI CO LINE TO NEW CARLISLE WCL
	CLA	SR-571	1.25	3.50	2.25	0.00	1.69		0.03			2.22		NEW CARLISLE ECL TO US-40
	CLA	SR-72	0.00	6.49	6.49	0.00	6.56		1.67			4.82		GREENE CO LINE TO BEGIN 4 LANE
	CLA	SR-72	11.51	11.91	0.40	0.00	0.79		0.40					SPRINGFIELD CL TO BEGIN 4 LANE
	CLA	US-40	0.00	9.88	9.88	0.00	9.76		6.23			3.65		MIAMI CO LINE TO SR-4 INTG
	CLA	US-42	0.00	10.07	10.07	0.00	4.03					10.07		GREENE CO LINE TO MADISON CO LINE
	CLA	US-68	0.00	4.56	4.86	0.00	5.09		2.14			2.72		GREENE CO LINE TO BEGIN 4 LANE
TOTAL FOR CLARK COUNTY					95.95	0.00	97.05		27.03			68.92		

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Loc. No.	LOCATION				CENTERLINE QUANTITIES			PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION		TOTAL MILES	DASH	EQUIV SOLID	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO										
	DAR	SR-118	1.85	17.67	15.82	0.00	12.71			0.81		15.01		GREENVILLE NCL TO MERCER CO LINE
	DAR	SR-121	5.80	9.94	4.14	0.00	5.60					4.14		NEW MADISON NCL TO SR-503
	DAR	SR-121	18.11	29.97	11.86	0.00	10.27			0.76		11.10		GREENVILLE NCL TO SR-47
	DAR	SR-185	0.00	5.20	5.20	0.00	7.06					5.20		US-127 TO SR-47
	DAR	SR-185	6.20	11.84	5.64	0.00	5.92					5.64		SR-121 TO MIAMI CO LINE
	DAR	SR-319	0.00	0.56	0.56	0.00	0.28						0.56	RAILROAD IN BURKETSVILLE TO SR-118
	DAR	SR-364	0.00	1.03	1.03	0.00	0.49						1.03	SR-705 TO MERCER CO LINE
	DAR	SR-47	0.00	23.81	23.93	0.00	19.40			1.77		22.16		INDIANA STATE LINE TO SHELBY CO LINE
	DAR	SR-49	0.00	15.25	15.25	0.00	7.03			1.24		14.01		MIAMI CO LINE TO GREENVILLE SCL
	DAR	SR-49	18.32	35.96	17.64	0.00	16.80			0.71		16.93		GREENVILLE NCL TO MERCER CO LINE
	DAR	SR-49A	0.00	1.84	1.84	0.00	0.52					1.84		SR-49 SOUTH JUNCTION TO ANSONIA SCL (RIGHT)
	DAR	SR-49A	2.87	4.09	1.22	0.00	0.42					1.22		ANSONIA NCL (RIGHT) TO SR-49 NORTH JUNCTION
	DAR	SR-502	0.00	8.81	8.81	0.00	8.01					8.81		INDIANA STATE LINE TO GREENVILLE WCL
	DAR	SR-503	0.00	9.29	9.29	0.00	10.66					7.70	1.59	PREBLE CO LINE TO SR-121
	DAR	SR-571	0.00	11.12	11.12	0.00	12.33				11.12			INDIANA STATE LINE TO GREENVILLE WCL
	DAR	SR-571	13.51	20.73	7.22	0.00	4.53			1.65		5.57		US-36 TO CR-20 GETTYSBURG PITTSBURG RD
	DAR	SR-705	0.00	16.47	16.47	0.00	8.90					11.00	5.47	SR-49 TO SHELBY CO LINE
	DAR	SR-716	0.00	0.99	0.99	0.00	0.38					0.99		SR-705 TO MERCER CO LINE
	DAR	SR-721	0.00	6.01	6.01	0.00	2.98					6.01		MIAMI CO LINE TO SR-185
	DAR	SR-722	0.00	6.16	6.16	0.00	5.53						6.16	SR-121 TO CASTINE WCL
	DAR	SR-722	10.30	16.74	6.44	0.00	3.40						6.44	SR-503 SOUTH TO SR-49
	DAR	SR-726	0.00	4.00	4.00	0.00	7.33					4.00		PREBLE CO LINE TO NEW MADISON NCL
	DAR	US-127	0.00	9.57	9.57	0.00	6.53					9.57		PREBLE CO LINE TO BEGIN 4 LANE
	DAR	US-127	14.98	15.18	0.20	0.00	0.40			0.20				RAMP TO SR-121
	DAR	US-127	16.40	31.14	14.74	0.00	6.70			0.28		14.46		END 4 LANE TO MERCER CO LINE
	DAR	US-36	0.00	3.32	3.32	0.00	3.39					3.32		INDIANA ST LINE TO PALISTINE WCL
	DAR	US-36	3.63	9.60	6.07	0.00	3.20					6.07		PALISTINE ECL TO US-127
	DAR	US-36	13.41	22.76	9.35	0.00	6.61			1.38		7.97		END 4 LANE TO MIAMI CO LINE
TOTAL FOR DARKE COUNTY					223.89	0.00	177.38			8.80	11.12	182.72	21.25	

CENTERLINE SUB-SUMMARY

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CENTERLINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				CENTERLINE QUANTITIES			PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION		TOTAL MILES	DASH	EQUIV SOLID	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO										
	LOG	SR-117	0.00	6.85	6.85	0.00	4.95			2.01		4.84		HARDIN CO LINE TO US-33 EASTBOUND RAMP
	LOG	SR-235	0.00	8.18	8.18	0.00	8.81					7.14	1.04	CHAMPAIGN CO LINE TO SR-47
	LOG	SR-235	13.89	24.48	10.59	0.00	14.55			7.05		3.54		CR-91 TO HARDIN CO LINE
	LOG	SR-245	0.00	2.10	2.10	0.00	3.99					0.34	1.76	CHAMPAIGN CO LINE WEST TO BRIDGE 0210
	LOG	SR-273	0.00	2.02	2.02	0.00	3.41			2.02				LONG ISLAND TO SR-117
	LOG	SR-273	2.85	9.91	7.06	0.00	7.13						7.06	SR-117 TO US-68
	LOG	SR-274	0.00	10.30	10.84	0.00	8.43					10.84		SHELBY CO LINE TO SR-117 NORTH JUNCTION
	LOG	SR-274	11.00	22.64	11.64	0.00	20.08					6.86	4.78	SR-117 S OUTH JUNCTION TO SR-273
	LOG	SR-287	0.00	12.63	12.63	0.00	19.05						12.63	SR-245 TO UNION CO LINE
	LOG	SR-292	0.24	3.63	3.39	0.00	2.16					3.39		US-33 EASTBOUND RAMP TO CR-296
	LOG	SR-292	4.65	5.41	0.76	0.00	1.52					0.76		CR-271 TO CR-2
	LOG	SR-292	10.81	18.28	7.47	0.00	7.46					7.47		SR-47 TO HARDIN COUNTY LINE
	LOG	SR-347	0.00	5.73	5.73	0.00	5.06					3.17	2.56	SR-287 TO UNION CO LINE
	LOG	SR-365	0.00	0.16	0.16	0.00	0.33			0.16				SR-235 TO END ROUTE
	LOG	SR-366	0.00	0.91	0.91	0.00	1.52			0.91				US-33 TO SR-235 NORTH JUNCTION
	LOG	SR-366	2.98	9.70	6.72	0.00	6.96			4.26		2.46		SR-235 TO SR-117
	LOG	SR-368	0.00	2.59	2.59	0.00	4.24			2.59				SR-366 TO END ROUTE (CR-286)
	LOG	SR-47	0.00	11.35	11.35	0.00	12.97			1.95		9.40		SHELBY CO LINE TO BELLEFONTAINE WCL
	LOG	SR-47	15.30	27.22	11.94	0.00	16.17			1.47		10.47		END 4 LANE TO UNION CO LINE
	LOG	SR-508	0.00	9.46	9.46	0.00	13.36					9.46		SR-235 TO US-68
	LOG	SR-533	0.00	1.80	1.80	0.00	3.18						1.80	SR-540 TO SR-47
	LOG	SR-540	1.40	8.72	7.44	0.00	12.16			1.39		6.05		BELLEFONTAINE CORP WEST OF US-33 TO SR-292
	LOG	SR-706	0.00	2.29	2.29	0.00	2.06					2.29		SHELBY CO LINE TO SR-235
	LOG	SR-708	0.00	2.32	2.32	0.00	2.06			1.61		0.71		SR-235 TO END ROUTE
	LOG	SR-720	0.00	5.39	5.39	0.00	4.03			2.24			3.15	AUGLAIZE CO LINE TO US-33
	LOG	US-33	0.00	10.81	10.81	0.00	10.87				10.81			AUGLAIZE CO LINE TO BEGIN 4 LANE (SR-117)
	LOG	US-68	0.00	5.80	5.90	0.00	8.41				5.9			CHAMPAIGN CO LINE TO BELLEFONTAINE SCL
	LOG	US-68	10.38	20.26	9.88	0.00	11.22			0.10		9.78		BELLEFONTAINE NCL TO HARDIN CO LINE
TOTAL FOR LOGAN COUNTY					178.22	0.00	216.14			27.76	16.71	98.97	34.78	

CENTERLINE SUB-SUMMARY

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CENTERLINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				CENTERLINE QUANTITIES			PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION		TOTAL MILES	DASH	EQUIV SOLID	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO										
	MER	SR-117	0.00	10.65	10.65	0.00	8.95					10.65		SR-118 TO VAN WERT CO LINE
	MER	SR-118	0.00	13.38	13.43	0.00	6.35			2.51		10.92		DARKE CO LINE TO SR-29
	MER	SR-118	17.97	24.19	6.22	0.00	2.93					6.22		CR170 FRAHM RD TO US-33 SOUTH JUNCTION
	MER	SR-118	24.70	27.10	2.40	0.00	1.14					2.40		US-33 TO VAN WERT CO LINE
	MER	SR-119	0.00	19.03	19.03	0.00	11.69					19.03		INDIANA STATE LINE TO AUGLAIZE CO LINE
	MER	SR-197	2.26	9.24	6.98	0.00	5.78			1.11		5.87		CELINA ECL TO AUGLAIZE CO LINE
	MER	SR-219	0.00	17.66	17.66	0.00	12.92			2.00		15.66		INDIANA STATE LINE TO TR163B CLUB ISLAND RD
	MER	SR-274	0.00	6.14	6.14	0.00	3.86					6.14		US-127 TO AUGLAIZE CO LINE
	MER	SR-29	0.00	10.93	11.09	0.00	6.85			2.76		8.33		INDIANA STATE LINE TO CELINA WCL
	MER	SR-364	0.00	0.03	0.03	0.00	0.06						0.03	DARKE CO LINE TO AUGLAIZE CO LINE
	MER	SR-49	0.00	26.59	26.59	0.00	16.41					26.59		DARKE CO LINE TO VAN WERT CO LINE
	MER	SR-703	0.00	1.45	1.45	0.00	1.33					1.45		SR-219 TO US-127
	MER	SR-703	6.48	11.23	4.75	0.00	5.22			2.54		2.21		CELINA ECL TO AUGLAIZE CO LINE
	MER	SR-707	0.00	11.29	11.29	0.00	5.04					11.29		INDIANA STATE LINE TO US-33
	MER	SR-707	13.08	16.65	3.57	0.00	2.86					3.57		US-127 TO MENDON NCL
	MER	SR-716	0.00	5.71	5.71	0.00	2.44					5.71		DARKE CO LINE TO SR-274
	MER	US-127	0.00	12.32	12.56	0.00	6.00			1.70		10.86		DARKE CO LINE TO CELINA SCL
	MER	US-127	14.68	26.13	11.67	0.00	5.95			0.25		11.42		CELINA NCL TO VAN WERT CO LINE
	MER	US-33	0.00	18.57	18.73	0.00	10.66				18.73			VAN WERT CO LINE TO AUGLAIZE CO LINE
TOTAL FOR MERCER COUNTY					189.95	0.00	116.44			12.87	18.73	158.32	0.03	

CENTERLINE SUB-SUMMARY

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CENTERLINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				CENTERLINE QUANTITIES			PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION		TOTAL MILES	DASH	EQUIV SOLID	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO										
	MIA	SR-185	0.00	8.69	8.69	0.00	7.11		1.65			7.04		DARKE CO LINE TO PIQUA WCL
	MIA	SR-201	0.00	12.50	12.50	0.00	10.08		1.57			10.93		MONTGOMERY CO LINE TO SR-55
	MIA	SR-202	5.06	11.62	6.72	0.00	6.88		0.38			6.34		SR-571 TO SR-55
	MIA	SR-41	0.00	7.98	7.98	0.00	7.97					7.98		CLARK CO LINE TO TROY ECL
	MIA	SR-41	12.90	19.02	6.12	0.00	3.31					6.12		TROY WCL TO SR-48
	MIA	SR-48	0.00	19.41	20.53	0.00	14.17		5.50			15.03		MONTGOMERY CO LINE TO SHELBY CO LINE
	MIA	SR-49	0.00	0.75	0.75	0.00	0.28			0.75				MONTGOMERY CO LINE TO DARKE COUNTY LINE
	MIA	SR-55	2.90	3.31	0.41	0.00	0.56					0.41		LUDLOW FALLS WCL TO SR-48
	MIA	SR-55	3.79	8.22	4.43	0.00	2.86		0.55			3.88		SR-48 TO TROY WCL
	MIA	SR-55	13.24	21.33	8.09	0.00	7.60		0.46			7.63		TROY ECL TO CHAMPAIGN CO LINE
	MIA	SR-571	0.00	12.53	12.53	0.00	14.45		2.93			9.60		DARKE CO LINE TO TIPP CITY WCL
	MIA	SR-571	15.47	22.07	6.60	0.00	7.54		2.36			4.24		TIPP CITY ECL TO CLARK CO LINE
	MIA	SR-589	0.00	6.47	6.47	0.00	6.22					6.47		SR-55 TO US-36
	MIA	SR-66	1.48	4.36	2.88	0.00	0.90		1.73			1.15		PIQUA NCL TO SHELBY CO LINE
	MIA	SR-718	0.00	10.18	10.18	0.00	7.96		2.00			8.18		SR-721 TO TROY WCL
	MIA	SR-721	0.00	5.77	5.77	0.00	4.53					5.77		SR-49 TO SR-571
	MIA	SR-721	6.12	11.85	5.73	0.00	4.35					5.73		SR-571 TO DARKE CO LINE
	MIA	US-36	0.00	8.66	8.66	0.00	4.29		1.45			7.21		DARKE CO LINE TO PIQUA WCL
	MIA	US-36	17.20	22.02	4.82	0.00	4.68					4.82		FLETCHER WCL TO CHAMPAIGN CO LINE
	MIA	US-40	0.00	6.30	6.30	0.00	5.65		4.25			2.05		MONTGOMERY COUNTY LINE TO CLARK CO LINE
TOTAL FOR MIAMI COUNTY					146.16	0.00	121.39		24.83		0.75	120.17	0.41	

CENTERLINE SUB-SUMMARY

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CENTERLINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				CENTERLINE QUANTITIES			PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION		TOTAL MILES	DASH	EQUIV SOLID	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO										
	MOT	IR-675	2.10	2.98	0.88	0.00	0.88	0.88						SR-725 INTERCHANGE FROM YANKEE ST TO SR-725
	MOT	SR-123	0.00	2.08	2.08	0.00	3.03		2.08					WARREN CO LINE TO SR-4
	MOT	SR-4	0.00	2.48	2.48	0.00	1.34				2.48			BUTLER CO LINE TO GERMANTOWN SCL
	MOT	SR-4	4.48	7.13	2.65	0.00	2.40				2.65			GERMANTOWN NCL TO MORRAINE CL
	MOT	SR-4	8.13	11.88	3.75	0.00	4.40				3.75			MORRAINE NCL TO DAYTON CL
	MOT	SR-48	0.00	1.70	1.94	0.00	2.87				1.94			WARREN CO LINE TO CENTERVILLE SCL
	MOT	SR-48	4.33	6.05	2.91	0.00	3.44				2.91			SR-725 KETTERING SCL
	MOT	SR-48	16.14	18.14	2.00	0.00	4.13				2.00			DAYTON NCL TO POPLAR ST
	MOT	SR-48	18.14	19.10	1.83	0.00	2.37				1.83			POPLAR ST TO CLAYTON SCL
	MOT	SR-49	12.00	15.96	4.08	0.00	3.49				4.08			US-40 TO MIAMI CO LINE
	MOT	SR-725	0.00	4.84	4.84	0.00	6.61		1.06			3.78		PREBLE COUNTY LINE TO GERMANTOWN WCL
	MOT	SR-725	8.56	10.13	1.59	0.00	1.06		1.59					GERMANTOWN ECL TO MIAMISBURG WCL
	MOT	SR-725	15.16	15.26	0.10	0.00	0.20		0.10					MALL PARK DR TO TR1841 LOIS AVE
	MOT	SR-741	0.00	0.38	0.68	0.00	0.95				0.68			WARREN CO LINE TO SOUTH TECH DR
	MOT	SR-741	0.76	0.97	0.42	0.00	0.63				0.42			AUSTIN BLVD TO 0.21 N AUSTIN BLVD
	MOT	SR-741	3.15	3.62	0.68	0.00	0.64				0.68			KINGSRIDGE RD TO SR-725
	MOT	SR-741	4.56	5.80	2.33	0.00	3.04		2.33					MIAMISBURG NCL TO ORCHARD RUN RD
	MOT	SR-741	5.80	6.20	0.58	0.00	0.37		0.58					ORCHARD RUN RD TO ALEX BELL RD
	MOT	US-35	0.00	9.66	10.82	0.00	9.07		4.66			6.16		PREBLE COUNTY LINE TO BRICKER AVE
	MOT	US-35	9.66	10.32	1.21	0.00	1.51		1.21					BRICKER AVE TO SR-49
	MOT	US-40	0.00	6.22	6.22	0.00	3.31		0.58			5.64		PREBLE CO LINE TO CLAYTON WCL
	MOT	US-40	11.12	13.34	2.22	0.00	3.74		2.21		0.01			ENGLEWOOD ECL TO VANDALIA WCL
	TOTAL FOR MONTGOMERY COUNTY				56.29	0.00	59.48	0.88	16.4		23.43	15.58		

CENTERLINE SUB-SUMMARY

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CENTERLINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				CENTERLINE QUANTITIES			PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION		TOTAL MILES	DASH	EQUIV SOLID	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO										
	SHE	SR-119	0.00	4.20	4.20	0.00	2.01					4.20		AUGLAIZE CO LINE TO MCCARTYVILLE RD
	SHE	SR-119	4.20	4.48	0.28	0.00	0.30					0.28		MCCARTYVILLE RD TO RENEE RD
	SHE	SR-119	4.48	9.35	4.87	0.00	4.26					4.87		RENEE RD TO IR-75 UNDERPASS
	SHE	SR-219	0.00	1.74	1.74	0.00	0.84					1.74		AUGLAIZE CO LINE TO END ROUTE AT IR-75
	SHE	SR-274	0.00	10.73	10.73	0.00	5.59					10.73		AUGLAIZE CO LINE TO TR17 SIDNEY FREYBURG RD
	SHE	SR-274	15.24	17.76	2.52	0.00	2.14					2.52		JACKSON CENTER WCL TO LOGAN CO LINE
	SHE	SR-29	0.00	2.97	2.97	0.00	2.31					2.97		AUGLAIZE CO LINE TO SR-274 WEST JUNCTION
	SHE	SR-29	3.81	14.79	10.98	0.00	7.44		0.32			10.66		SR-274 EAST JUNCTION TO SIDNEY NCL
	SHE	SR-29	18.19	19.99	1.80	0.00	3.07		1.80					SIDNEY ECL TO SR-706
	SHE	SR-29	22.31	26.26	3.95	0.00	2.92					3.95		317 FT WEST CR-37 MCCLOSKEY SCHOOL RD TO CHP CO LINE
	SHE	SR-362	0.00	3.24	3.24	0.00	3.93			3.11		0.13		SR-66 TO AUGLAIZE CO LINE
	SHE	SR-363	0.00	0.42	0.42	0.00	0.41						0.42	BEGIN ROUTE TO AUGLAIZE CO LINE
	SHE	SR-47	0.00	12.88	12.88	0.00	7.12		2.18			10.7		DARKE CO LINE TO SIDNEY WCL
	SHE	SR-47	16.66	20.35	3.69	0.00	4.48		3.69					SIDNEY ECL TO PORT JEFFERSON WCL
	SHE	SR-47	20.95	27.09	6.14	0.00	6.48		0.11			6.03		PORT JEFFERSON ECL TO LOGAN CO LINE
	SHE	SR-48	3.03	5.03	2.00	0.00	0.90					2.00		MP3 TO SR-66
	SHE	SR-589	0.00	4.70	4.70	0.00	1.77					4.70		MIAMI CO LINE TO SR-29
	SHE	SR-65	0.00	9.21	9.21	0.00	7.01					9.21		SR-47 TO AUGLAIZE CO LINE
	SHE	SR-66	6.42	14.32	7.90	0.00	10.12			3.23		4.67		SR-48 TO AUGLAIZE CO LINE
	SHE	SR-705	0.00	12.33	12.33	0.00	7.41			1.83		10.50		DARKE CO LINE TO SR-29
	SHE	SR-706	0.00	5.14	5.14	0.00	2.91		0.21			4.93		SR-29 TO LOGAN CO LINE
TOTAL FOR SHELBY COUNTY					111.69	0.00	83.42		8.31	8.17		94.79	0.42	
AUGLAIZE COUNTY					156.49	0.00	118.35			21.55	12.5	92.88	29.56	
CHAMPAIGN COUNTY					173.27	0.00	187.83			3.58	7.55	135.79	26.35	
CLARK COUNTY					95.95	0.00	97.05		27.03			68.92		
DARKE COUNTY					223.89	0.00	177.38			8.80	11.12	182.72	21.25	
LOGAN COUNTY					178.22	0.00	216.14			27.76	16.71	98.97	34.78	
MERCER COUNTY					189.95	0.00	116.44			12.87	18.73	158.32	0.03	
MIAMI COUNTY					146.16	0.00	121.39				24.83	0.75	120.17	0.41
MONTGOMERY COUNTY					56.29	0.00	59.48	0.88	16.4		23.43	15.58		
SHELBY COUNTY					111.69	0.00	83.42			8.31	8.17	94.79	0.42	
TOTAL FOR DISTRICT 7					1331.91	0.00	1177.48	0.88	76.57	83.99	83.24	974.43	112.8	

CENTERLINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	AUG	SR-116	1.21	11.08	19.74	19.74					1.68				18.06	ST MARYS NCL TO VAN WERT CO LINE
	AUG	SR-117	0.00	3.91	7.82	7.82							7.82			ALLEN CO LINE TO HARDIN CO LINE
	AUG	SR-119	0.00	4.16	8.32	8.32					1.94		6.38			MERCER COUNTY LINE TO SR-66
	AUG	SR-119	5.78	7.19	2.82	2.82					0.28		2.54			END CURB MINSTER TO SHELBY COUNTY LINE
	AUG	SR-196	0.00	3.19	6.38	6.38							6.38			JCT US-33 TO JCT-SR-67
	AUG	SR-196	4.41	7.17	5.52	5.52							5.52			END CURB WAYNESFIELD TO ALLEN CO LINE
	AUG	SR-197	0.00	7.44	14.88	14.88							14.88			MERCER COUNTY LINE TO SR-66
	AUG	SR-197	13.94	16.03	4.18	4.18							4.18			BEGIN EDGE LINE BUCKLAND TO SR-198
	AUG	SR-198	2.67	7.90	10.46	10.46					2.16		2.20	6.10		WAPAKONETA NCL TO CR-208 NATIONAL RD
	AUG	SR-219	0.00	7.25	14.50	14.50							14.50			MERCER CO LINE TO BEGIN CURB NEW KNOXVILLE
	AUG	SR-219	7.47	15.26	15.58	15.58							15.58			END CURB NEW KNOXVILLE TO SHELBY CO LINE
	AUG	SR-274	0.00	3.64	7.28	7.28					1.44		5.84			MERCER CO LINE TO BEGIN CURB NEW BREMAN
	AUG	SR-274	4.63	6.15	3.04	3.04					1.04		2.00			END CURB NEW BREMAN TO SHELBY CO LINE
	AUG	SR-29	1.88	2.46	1.63	1.63					1.63					US-33/SR-29 EASTBOUND RAMP TO ST MARYS CORP
	AUG	SR-29	1.88	2.46	1.63			1.63			1.63					US-33/SR-29 EASTBOUND RAMP TO ST MARYS CORP
	AUG	SR-29	5.19	9.67	8.96	8.96					2.42		6.54			END CURB ST MARYS TO NEW KNOXVILLE WCL
	AUG	SR-362	0.00	0.82	1.64	1.64					0.08		1.56			SHELBY CO LINE TO BEGIN CURB MINSTER
	AUG	SR-363	0.00	1.01	2.02	2.02								2.02		SHELBY CO LINE TO SR-119
	AUG	SR-364	0.00	13.43	26.86	26.86					3.18		4.22	19.46		MERCER CO LINE TO ST MARYS CORP
	AUG	SR-364	15.12	15.66	1.08	1.08					0.34		0.74			JCT SR-703 TO END WESTBOUND RAMPS
	AUG	SR-385	0.00	3.93	7.86	7.86								7.86		US-33 TO HARDIN COUNTY LINE
	AUG	SR-501	3.06	7.59	9.06	9.06					0.96		8.10			WAPAKONETA NCL TO ALLEN CO LINE
	AUG	SR-65	0.00	5.27	10.54	10.54							10.54			SHELBY CO LINE TO JCT US-33
	AUG	SR-65	7.32	13.36	12.08	12.08							12.08			US-33 TO ALLEN CO LINE
	AUG	SR-66	0.00	0.50	0.79	0.79					0.79					SHELBY CO LINE TO BEGIN CURB MINSTER
	AUG	SR-66	1.52	3.42	3.80	3.80					3.80					SEVENTH ST TO BEGIN CURB NEW BREMAN
	AUG	SR-66	4.15	4.57	0.84	0.84					0.84					END CURB NEW BREMAN TO NEW BREMAN NCL
	AUG	SR-66	12.65	22.41	19.52	19.52					0.98		18.54			ST MARYS NCL TO ALLEN CO LINE

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	AUG	SR-67	0.25	0.41	0.32	0.32					0.32					CR-25A TO WAPAKONETA SCL
	AUG	SR-67	2.75	13.82	22.14	22.14					2.86		19.28			WAPAKONETA ECL TO BEGIN CURB WAYNESFIELD
	AUG	SR-67	14.12	18.94	9.64	9.64							9.64			END CURB WAYNESFIELD TO SR-117
	AUG	SR-703	0.00	2.17	4.34	4.34					4.34					MERCER CO LINE TO SR-364 EAST
	AUG	SR-720	0.00	2.81	5.62	5.62								5.62		SR-65 TO LOGAN CO LINE
	AUG	US-33	0.00	2.19	4.38	4.38					0.24		4.14			MERCER CO LINE TO BEGIN 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	2.19	3.09	1.80		1.80					1.80				BEGIN 4 LANE TO SR-29 EASTBOUND RAMP
	AUG	US-33	16.48	16.72	0.48	0.48						0.48				END 4 LANE IR-75 TO 0.07 W CR33A WAPAK FISHER RD
	AUG	US-33	16.94	29.20	24.52	24.52						24.52				0.15 E CR-33A WAPAK FISHER RD TO LOGAN CO LINE
TOTAL FOR AUGLAIZE COUNTY					303.87	300.44	0.00	3.43	0.00			32.95	28.6	183.20	59.12	
	CHP	SR-161	0.00	7.08	14.16	14.16								14.16		SR-29 TO SR-4
	CHP	SR-187	0.00	3.39	6.78	6.78								6.78		MADISON CO LINE TO SR-29
	CHP	SR-235	0.00	16.11	32.22	32.22							25.18	7.04		CLARKE CO LINE TO LOGAN CO LINE
	CHP	SR-245	6.16	10.74	9.16	9.16								9.16		CR-43 CARLISE PIKE TO LOGAN CO LINE
	CHP	SR-245	17.06	20.02	5.92	5.92							5.92			SR-296 TO NORTH LEWISBURG SCL(BEGIN CURB)
	CHP	SR-245	21.61	22.54	1.86	1.86							1.86			NORTH LEWISBURG NCL (END CURB) TO UNION CO LINE
	CHP	SR-29	2.68	17.87	30.38	30.38					0.48		29.90			NORTH JUNCTION SR-235 TO URBANA WCL
	CHP	SR-29	21.75	26.26	9.02	9.02					0.76		8.26			URBANA ECL TO BEGIN CURB MUTUAL
	CHP	SR-29	26.47	30.15	7.36	7.36							7.36			END CURB MUTUAL TO BEGIN CURB MECHANICSBURG
	CHP	SR-29	31.09	33.95	5.72	5.72							5.72			END CURB MECHANICSBURG TO MADISON CO LINE
	CHP	SR-296	0.00	10.52	21.04	21.04					1.02		20.02			SR-29 TO SR-245
	CHP	SR-4	0.00	7.21	14.42	14.42							14.42			CLARKE CO LINE TO BEGIN CURB MECHANICSBURG
	CHP	SR-4	7.96	12.23	8.54	8.54							8.54			END CURB MECHANICSBURG TO UNION CO LINE
	CHP	SR-54	0.00	10.61	21.22	21.22					0.64		20.58			CLARKE CO LINE TO URBANA SCL
	CHP	SR-55	0.00	0.27	0.54	0.54							0.54			MIAMI CO LINE TO BEGIN CURB CHRISTIANSBURG
	CHP	SR-55	0.55	15.07	29.04	29.04					0.10		28.94			END CURB CHRISTIANSBURG TO URBANA WCL
	CHP	SR-559	0.59	7.51	13.84	13.84							13.84			END CURB MECHANICSBURG TO BEGIN CURB WOODSTOCK
	CHP	SR-559	7.70	7.88	0.36	0.36							0.36			END CURB WOODSTOCK TO WOODSTOCK NCL
	CHP	SR-559	11.38	11.80	0.84	0.84							0.84			NORTH LEWISBURG SCL TO SR-245
	CHP	SR-559	12.01	12.61	1.20	1.20								1.20		SR-245 TO LOGAN CO LINE
	CHP	SR-56	0.00	5.32	10.64	10.64							10.64			SR-29 TO CLARK CO LINE

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	CHP	SR-560	0.00	9.94	19.88	19.88							5.52	14.36	SR-55 TO SR-29	
	CHP	SR-814	0.00	3.07	6.14	6.14							6.14		US-36 TO SR-296	
	CHP	US-36	0.00	3.17	6.34	6.34							6.34		MIAMI CO LINE TO BEGIN CURB ST PARIS	
	CHP	US-36	4.21	14.04	19.66	19.66					3.26		16.40		RAILROAD IN ST PARIS TO URBANA WCL	
	CHP	US-36	17.17	29.05	23.76	23.76					0.10		23.66		URBANA ECL TO UNION CO LINE	
	CHP	US-68	1.74	1.82	0.16	0.16						0.16			END 4 LANE TO 0.28 M SOUTH DALLAS RD	
	CHP	US-68	8.65	16.20	15.10	15.10						15.1			URBANA NCL LOGAN CO LINE	
	TOTAL FOR CHAMPAIGN COUNTY				335.30	335.30					6.36	15.26	260.98	52.70		
	CLA	SR-235	0.00	3.90	7.80	7.80					7.80				MONTGOMERY CO LINE TO NEW CARLISLE SCL	
	CLA	SR-235	5.90	8.73	5.66	5.66							5.66		NEW CARLISLE NCL TO ROUNDABOUT	
	CLA	SR-235	8.73	8.96	0.57	0.34		0.23					0.57		ROUNDABOUT	
	CLA	SR-235	8.96	11.82	5.72	5.72							5.72		ROUNDABOUT TO CHAMPAIGN CO LINE	
	CLA	SR-334	1.85	2.31	0.92	0.92					0.92				END 4 LANE TO DERR RD	
	CLA	SR-334	2.74	4.24	3.00	3.00					3.00				SPRINGFIELD ECL TO SR-4	
	CLA	SR-369	0.11	1.40	2.58	2.58							2.58		SR-4 TO US-40	
	CLA	SR-4	17.74	24.85	14.22	14.22					3.96		10.26		END CURB SPRINGFIELD ECL TO CHAMPAIGN CO LINE	
	CLA	SR-41	3.63	3.85	0.44	0.44							0.44		SOUTH CHARLESTON SCL TO BEGIN CURB SOUTH CHARLESTON	
	CLA	SR-41	4.74	14.87	20.10	20.10					5.48		14.62		END CURB SOUTH CHARLESTON TO SPRINGFIELD ECL	
	CLA	SR-41	20.34	22.05	3.42	3.42					3.42				SPRINGFIELD WCL TO TR-41	
	CLA	SR-41	20.34	21.08	1.48			1.48			1.48				SPRINGFIELD WCL TO UPPER VALLEY PIKE	
	CLA	SR-41	22.05	31.05	18.00	18.00					5.70		12.30		TR-41 TO ROUNDABOUT	
	CLA	SR-41	31.05	31.30	0.67	0.36		0.31					0.67		ROUNDABOUT	
	CLA	SR-41	31.30	33.37	4.14	4.14							4.14		ROUNDABOUT TO MIAMI COUNTY LINE	
	CLA	SR-54	0.00	5.20	10.40	10.40							10.4		SR-41 TO BEGIN CURB SOUTH VIENNA	
	CLA	SR-54	5.55	5.67	0.24	0.24							0.24		END CURB SOUTH VIENNA TO IR70 RAMP EB	
	CLA	SR-54	5.72	11.75	12.06	12.06							12.06		IR-70 WB RAMP TO CHAMPAIGN COUNTY LINE	
	CLA	SR-56	0.00	4.13	8.26	8.26							8.26		CHAMPAIGN CO LINE TO MADISON CO LINE	
	CLA	SR-571	0.00	0.27	0.54	0.54					0.54				MIAMI CO LINE TO NEW CARLISLE WCL	
	CLA	SR-571	1.25	3.50	4.50	4.50					0.06		4.44		NEW CARLISLE ECL TO US-40	
	CLA	SR-72	0.00	6.85	13.64	13.64					4		9.64		GREENE CO LINE TO LEFFEL LANE	
	CLA	SR-72	6.49	6.85	0.72			0.72			0.72				BEGIN DIVIDED HIGHWAY TO LEFFEL LANE	
	CLA	SR-72	11.91	13.24	2.66	2.66					2.66				BEGIN DIVIDED HIGHWAY TO US-68	
	CLA	SR-72	11.91	13.24	2.66			2.66			2.66				BEGIN DIVIDED HIGHWAY TO US-68	

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS	
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT		
			FROM	TO													
	CLA	SR-72	13.24		2.67		2.67									RAMPS AT SR-334	
	CLA	SR-72	13.24		1.31			1.31								RAMPS AT SR-334	
	CLA	US-40	0.00	9.82	19.64	19.64				12.52			7.12			MIAMI CO LINE TO SR-4 INTG	
	CLA	US-42	0.00	5.71	11.42	11.42							11.42			GREENE CO LINE TO BEGIN CURB SOUTH CHARLESTON	
	CLA	US-42	6.19	10.07	7.76	7.76							7.76			END CURB SOUTH CHARLESTON TO MADISON CO LINE	
	CLA	US-68	0.00	4.56	9.12	9.12				3.68			5.44			GREENE CO LINE TO BEGIN 4 LANE	
	TOTAL FOR CLARK COUNTY				196.32	186.94	2.67	5.40	1.31		62.58			133.74			
	DAR	SR-118	1.85	7.59	11.48	11.48					1.62		9.86			GREENVILLE NCL TO BEGIN CURB ANSONIA	
	DAR	SR-118	8.45	12.42	7.85	7.85							7.85			END CURB ANSONIA TO BEGIN CURB ROSSBURG	
	DAR	SR-118	12.96	17.67	9.42	9.42							9.42			END CURB ROSSBURG TO MERCER CO LINE	
	DAR	SR-121	5.80	9.94	8.28	8.28							8.28			NEW MADISON NCL TO SR-503	
	DAR	SR-121	18.11	29.54	22.86	22.86				1.52			21.34			GREENVILLE NCL TO SR-185	
	DAR	SR-185	0.00	4.96	9.92	9.92							9.92			US-127 TO JACKSON ST(BEGIN CURB)	
	DAR	SR-185	6.20	11.78	11.16	11.16							11.16			SR-121 TO MIAMI CO LINE	
	DAR	SR-319	0.16	0.56	0.69	0.69								0.69		END CURB IN BURKETSVILLE TO SR-118	
	DAR	SR-364	0.00	1.03	2.06	2.06								2.06		SR-705 TO MERCER CO LINE	
	DAR	SR-47	0.76	10.08	18.64	18.64					1.78		16.86			END CURB UNION CITY TO BEGIN CURB ANSONIA	
	DAR	SR-47	10.85	18.54	15.38	15.38							15.38			END CURB ANSONIA TO BEGIN CURB IN VERSAILLES	
	DAR	SR-47	19.55	23.81	8.52	8.52							8.52			END CURB VERSAILLES TO SHELBY CO LINE	
	DAR	SR-49	0.00	15.25	30.50	30.50					2.48		28.02			MIAMI CO LINE TO GREENVILLE SCL	
	DAR	SR-49	18.32	35.96	35.28	35.28					1.42		33.86			GREENVILLE NCL TO MERCER CO LINE	
	DAR	SR-49A	0.00	1.84	3.68	3.68							3.68			SR-49 SOUTH JUNCTION TO ARCANUM SCL	
	DAR	SR-49A	2.87	4.09	2.44	2.44							2.44			EARCANUM NCL TO SR-49 NORTH JUNCTION	
	DAR	SR-49A	4.09		0.34		0.17		0.17				0.34			SR-49 NORTH JUNCTION	
	DAR	SR-502	0.00	8.81	17.62	17.62							17.62			INDIANA STATE LINE TO GREENVILLE WCL	
	DAR	SR-503	0.00	9.29	18.58	18.58							15.4	3.18		PREBLE CO LINE TO SR-121	

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	DAR	SR-571	0.61	11.12	21.02	21.02						21.02				END CURB UNION CITY TO GREENVILLE WCL
	DAR	SR-571	13.33	13.51	0.36	0.36					0.36					US-36 TO SR-571 TURN
	DAR	SR-571	13.33	13.51	0.36			0.36			0.36					US-36 TO SR-571 TURN
	DAR	SR-571	13.57	20.73	14.32	14.32					3.18		11.14			END 4 LANE TO CR-20 GETTYSBURG PITTSBURG RD
	DAR	SR-705	0.00	4.93	9.86	9.86								9.86		SR-49 TO BEGIN CURB NEW WESTON
	DAR	SR-705	5.27	12.77	14.92	14.92							13.84	1.08		END CURB NEW WESTON TO BEGIN CURB OSGOOD
	DAR	SR-705	13.34	16.47	6.26	6.26							6.26			END CURB OSGOOD TO SHELBY CO LINE
	DAR	SR-716	0.24	0.99	1.50	1.50							1.5			END CURB OSGOOD TO MERCER CO LINE
	DAR	SR-721	0.00	3.47	6.94	6.94							6.94			MIAMI CO LINE TO BEGIN CURB BRADFORD
	DAR	SR-721	4.52	6.01	2.98	2.98							2.98			END CURB BRADFORD TO SR-185
	DAR	SR-722	0.00	6.16	12.32	12.32								12.32		SR-121 TO CASTINE WCL
	DAR	SR-722	10.30	12.65	4.70	4.70								4.7		SR-503 SOUTH TO BEGIN CURB GORDON
	DAR	SR-722	12.89	16.74	7.70	7.70								7.7		END CURB GORDON TO SR-49
	DAR	SR-726	0.00	4.00	8.00	8.00							8			PREBLE CO LINE TO NEW MADISON SCL
	DAR	US-127	0.00	0.83	1.65	1.65							1.65			PREBLE CO LINE TO CASTINE SCL (BEGIN CURB)
	DAR	US-127	1.17	9.57	16.80	16.80							16.8			END CURB CASTINE TO US-36
	DAR	US-127	16.57	28.96	24.74	24.74					0.22		24.52			END 4 LANE TO BEGIN CURB NORTH STAR
	DAR	US-127	29.45	31.14	3.38	3.38							3.38			NORTH STAR NCL (END CURB) TO MERCER CO LINE
	DAR	US-36	0.00	3.32	6.64	6.64							6.64			INDIANA STATE LINE TO PALESTINE WCL
	DAR	US-36	3.63	9.60	11.94	11.94							11.94			END CURB PALESTINE TO US-127
	DAR	US-36	13.28	13.41	0.40			0.40			0.4					SR-571 TO END 4 LANE
	DAR	US-36	13.28	13.41	0.26	0.26					0.26					SR-571 TO END 4 LANE
	DAR	US-36	13.41	22.76	18.70	18.70					2.76		15.94			END 4 LANE TO MIAMI CO LINE
TOTAL FOR DARKE COUNTY					430.45	429.35	0.17	0.76	0.17			16.36	21.02	351.48	41.59	

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	LOG	SR-117	0.00	6.85	13.70	13.70					4.02			9.68		HARDIN CO LINE TO US-33 EASTBOUND RAMPS
	LOG	SR-235	0.00	5.13	10.26	10.26								8.18	2.08	CHAMPAIGN CO LINE TO BEGIN CURB IN DEGRAFF
	LOG	SR-235	5.36	8.18	5.64	5.64								5.64		END CURB IN DEGRAFF TO SR-47
	LOG	SR-235	13.89	17.72	7.66	7.66					0.58			7.08		CR-91 TO BEGIN CURB LAKEVIEW
	LOG	SR-235	18.05	24.48	12.86	12.86					12.86					END CURB LAKEVIEW TO HARDIN CO LINE
	LOG	SR-245	0.00	1.52	2.97	2.97									2.97	CHAMPAIGN CO LINE WEST TO BEGIN CURB WEST LIBERTY
	LOG	SR-245	2.06	2.10	0.08	0.08								0.08		END CURB WEST LIBERTY TO BRIDGE 0210
	LOG	SR-273	0.00	2.02	4.04	4.04					4.04					LONG ISLAND TO SR-117
	LOG	SR-273	2.85	9.91	14.12	14.12									14.12	SR-117 TO US-68
	LOG	SR-274	0.00	10.30	20.60	20.60								20.60		SHELBY CO LINE TO SR-117 NORTH JUNCTION
	LOG	SR-274	11.00	18.54	15.08	15.08								5.52	9.56	SR-117 S OUTH JUNCTION TO BEGIN CURB RUSHSYLVANIA
	LOG	SR-274	18.75	22.64	7.78	7.78								7.78		END CURB RUSHSYLVANIA TO SR-273
	LOG	SR-287	0.00	12.63	25.26	25.26									25.26	SR-245 TO UNION CO LINE
	LOG	SR-292	0.24	3.63	6.78	6.78								6.78		US-33 EASTBOUND RAMP TO CR-296
	LOG	SR-292	4.65	5.41	1.52	1.52								1.52		CR-271 TO CR-2
	LOG	SR-292	10.81	18.28	14.94	14.94								14.94		SR-47 TO HARDIN COUNTY LINE
	LOG	SR-347	0.00	5.73	11.46	11.46								6.34	5.12	SR-287 TO UNION CO LINE
	LOG	SR-365	0.00	0.16	0.32	0.32										SR-235 TO END ROUTE
	LOG	SR-366	0.00	0.91	1.82	1.82					0.32					US-33 TO SR-235 NORTH JUNCTION
	LOG	SR-366	2.98	4.72	3.48	3.48					1.82					SR-235 SOUTH JUNCTION TO BEGIN CURB RUSSELS POINT
	LOG	SR-366	5.29	9.78	9.00	9.00					3.48					END CURB RUSSELS POINT TO SR-117
	LOG	SR-366	9.28	9.78	0.38	0.38								5.10		RAMP EASTBOUND TO SR-117
	LOG	SR-366	9.28	9.78	0.38	0.38								0.38		RAMP EASTBOUND TO SR-117
	LOG	SR-368	0.00	2.59	5.18	5.18										SR-366 TO END ROUTE (CR-286)
	LOG	SR-47	0.00	11.35	22.70	22.70								3.90	18.80	SHELBY CO LINE TO BELLEFONTAINE WCL
	LOG	SR-47	14.51	15.30	1.58	1.58								1.58		BELLEFONTAINE CORP TO END 4 LANE
	LOG	SR-47	14.51	15.30	1.58	1.58								1.58		BELLEFONTAINE CORP TO END 4 LANE
	LOG	SR-47	15.30	26.32	22.04	22.04								2.94	19.10	END 4 LANE TO BEGIN CURB IN WEST MANSFIELD
	LOG	SR-47	26.93	27.22	0.58	0.58									0.58	BEGIN EDGE LINE TO UNION CO LINE
	LOG	SR-508	0.20	9.46	18.52	18.52									18.52	RAILROAD IN DEGRAFF TO US-68
	LOG	SR-533	0.00	1.80	3.60	3.60									3.60	SR-540 TO SR-47
	LOG	SR-540	1.40	8.72	14.64	14.64								2.54	12.10	BELLEFONTAINE CORP WEST OF US-33 TO SR-292

6" EDGE LINE SUB-SUMMARY

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Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	LOG	SR-706	0.00	2.29	4.58	4.58							4.58		SHELBY CO LINE TO SR-235	
	LOG	SR-708	0.00	1.45	2.90	2.90					1.48		1.42		SR-235 TO BEGIN CURB RUSSEL POINT	
	LOG	SR-708	1.85	2.32	0.87	0.87					0.87				END CURB RUSSELS POINT TO END ROUTE	
	LOG	SR-720	0.00	5.39	10.78	10.78					4.48			6.30	AUGLAIZE CO LINE TO US-33	
	LOG	US-33	0.00	10.81	21.62	21.62						21.62			AUGLAIZE CO LINE TO BEGIN 4 LANE (SR-117)	
	LOG	US-68	0.00	0.47	0.99	0.99						0.99			CHAMPAIGN CO LINE TO BEGIN CURB WEST LIBERTY	
	LOG	US-68	1.04	5.80	9.52	9.52						9.52			END CURB WEST LIBERTY TO BELLEFONTAINE SCL	
	LOG	US-68	10.38	20.26	19.76	19.76					0.20		19.56		BELLEFONTAINE NCL TO HARDIN CO LINE	
TOTAL FOR LOGAN COUNTY					351.57	349.61		1.96			55.77	32.13	194.66	69.01		
	MER	SR-117	0.00	10.65	21.30	21.30							21.30		SR-118 TO VAN WERT CO LINE	
	MER	SR-118	0.00	8.39	16.78	16.78					1.02		15.76		DARKE CO LINE TO BEGIN CURB COLDWATER	
	MER	SR-118	9.90	13.38	6.96	6.96					0.98		5.98		END CURB COLDWATER TO SR-29	
	MER	SR-118	17.97	23.77	11.60	11.60							11.60		CR-170 FRAHM RD TO BEGIN CURB ROCKFORD	
	MER	SR-118	24.70	27.10	4.80	4.80							4.80		US-33 (END CURB ROCKFORD) TO VAN WERT CO LINE	
	MER	SR-119	0.00	1.09	2.18	2.18							2.18		INDIANA STATE LINE TO BEGIN CURB FT RECOVERY	
	MER	SR-119	1.86	8.56	13.40	13.40							13.40		END CURB FT RECOVERY TO BEGIN CURB ST HENRY	
	MER	SR-119	9.67	19.03	18.72	18.72							18.72		SR-118 TO AUGLAIZE CO LINE	
	MER	SR-197	2.26	9.24	13.96	13.96					2.22		11.74		CELINA ECL TO AUGLAIZE CO LINE	
	MER	SR-219	0.00	8.54	17.08	17.08							17.08		INDIANA STATE LINE TO BEGIN CURB COLDWATER	
	MER	SR-219	9.80	13.49	7.38	7.38					0.98		6.40		END CURB COLDWATER TO BEGIN CURB MONTEZUMA	
	MER	SR-219	13.75	17.66	7.82	7.82							7.82		END CURB MONTEZUMA TO TR163B CLUB ISLAND RD	
	MER	SR-274	0.00	3.90	7.80	7.80							7.80		US-127 TO BEGIN CURB CHICKASAW	
	MER	SR-274	4.35	6.14	3.58	3.58							3.58		END CURB CHICKASAW TO AUGLAIZE CO LINE	
	MER	SR-29	0.00	10.93	21.86	21.86					5.20		16.66		INDIANA STATE LINE TO CELINA WCL	

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	MER	SR-364	0.00	0.03	0.06	0.06								0.06	DARKE CO LINE TO AUGLAIZE CO LINE	
	MER	SR-49	0.00	4.20	8.40	8.40							8.40		DARKE CO LINE TO BEGIN CURB FT RECOVERY	
	MER	SR-49	4.77	26.59	43.64	43.64							43.64		END CURB FT RECOVERY TO VAN WERT CO LINE	
	MER	SR-703	0.04	1.45	2.82	2.82							2.82		END CURB MONTEZUMA TO US-127	
	MER	SR-703	6.48	11.23	9.50	9.50				5.08			4.42		CELINA ECL TO AUGLAIZE CO LINE	
	MER	SR-707	0.00	11.29	22.58	22.58							22.58		INDIANA STATE LINE TO US-33	
	MER	SR-707	13.08	16.42	6.68	6.68							6.68		US-127 TO BEGIN CURB MENDON	
	MER	SR-716	0.00	5.44	10.88	10.88							10.88		DARKE CO LINE TO BEGIN CURB CHICKASAW	
	MER	US-127	0.00	12.32	24.64	24.64					2.92		21.72		DARKE CO LINE TO CELINA SCL	
	MER	US-127	14.68	26.13	22.90	22.90					0.06		22.84		CELINA NCL TO VAN WERT CO LINE	
	MER	US-33	0.00	5.57	11.14	11.14						11.14			VAN WERT CO LINE TO SR-118	
	MER	US-33	6.17	18.57	24.80	24.80						24.80			END CURB ROCKFORD TO AUGLAIZE CO LINE	
	TOTAL FOR MERCER COUNTY				363.26	363.26					18.46	35.94	308.80	0.06		
	MIA	SR-185	0.00	8.69	17.38	17.38							3.30	14.08	DARKE COUNTY LINE TO PIQUA WCL	
	MIA	SR-201	0.00	12.50	25.00	25.00							3.14	21.86	MONTGOMERY CO LINE TO SR-55	
	MIA	SR-202	5.06	11.62	13.12	13.12							0.44	12.68	SR-571 TO SR-55	
	MIA	SR-41	0.00	7.98	15.96	15.96								15.96	CLARK CO LINE TO TROY ECL	
	MIA	SR-41	12.90	19.02	12.24	12.24								12.24	TROY WCL TO SR-48 (BEGIN CURB COVINGTON)	
	MIA	SR-48	0.00	1.47	2.94	2.94							2.94		MONTGOMERY CO LINE TO BEGIN CURB WEST MILTON	
	MIA	SR-48	3.65	8.93	10.54	10.54							1.70	8.84	END CURB WEST MILTON TO BEGIN CURB PLEASANT HILL	
	MIA	SR-48	9.64	13.34	7.40	7.40								7.40	PLEASANT HILL NCL TO BEGIN CURB COVINGTON	
	MIA	SR-48	14.61	19.41	9.60	9.60								9.60	END CURB COVINGTON TO SHELBY CO LINE	
	MIA	SR-49	0.00	0.75	1.50	1.50								1.50	MONTGOMERY CO LINE TO DARKE COUNTY LINE	
	MIA	SR-55	3.21	3.28	0.07	0.07								0.07	IN LUDLOW FALLS FROM VINE ST TO FRIEND ST	
	MIA	SR-55	3.79	8.22	8.86	8.86							1.10	7.76	SR-48 TO TROY WCL	
	MIA	SR-55	13.24	15.80	5.12	5.12							0.32	4.80	TROY ECL TO BEGIN CURB CASSTOWN	
	MIA	SR-55	16.30	21.33	10.46	10.46								10.46	END CURB CASSTOWN TO CHAMPAIGN CO LINE	

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	MIA	SR-571	0.00	5.90	11.70	11.70				0.98			10.72		DARKE CO LINE TO BEGIN CURB WEST MILTON	
	MIA	SR-571	6.47	12.53	12.12	12.12				2.80			9.32		END CURB WEST MILTON TO TIPP CITY WCL	
	MIA	SR-571	15.47	22.07	13.20	13.20				4.72			8.48		TIPP CITY ECL TO CLARK CO LINE	
	MIA	SR-589	0.04	5.99	11.90	11.90							11.90		BEGIN EDGELINE CASSTOWN TO BEGIN CURB FLETCHER	
	MIA	SR-66	1.48	4.36	5.76	5.76				3.46			2.30		PIQUA NCL TO SHELBY CO LINE	
	MIA	SR-718	0.00	3.41	6.66	6.66							6.66		SR-721 TO BEGIN CURB PLEASANT HILL	
	MIA	SR-718	4.04	10.18	11.99	11.99				2.29			9.70		END CURB PLEASANT HILL TO TROY WCL	
	MIA	SR-721	0.00	2.84	5.68	5.68							5.68		SR-49 TO BEGIN CURB POTSDAM	
	MIA	SR-721	3.22	5.52	4.60	4.60							4.60		END CURB POTSDAM BEGIN CURB LAURA	
	MIA	SR-721	6.12	11.85	11.46	11.46							11.46		SR-571 TO DARKE CO LINE	
	MIA	US-36	0.00	3.92	7.84	7.84							7.84		DARKE CO LINE TO BEGIN CURB COVINGTON	
	MIA	US-36	4.61	8.66	8.10	8.10				1.52			6.58		END CURB COVINGTON TO PIQUA WCL	
	MIA	US-36	17.20	17.37	0.34	0.34							0.34		FLETCHER WCL TO BEGIN CURB FLETCHER	
	MIA	US-36	17.53	22.02	8.98	8.98							8.98		SR-589 TO CHAMPAIGN CO LINE	
	MIA	US-40	0.00	6.30	12.60	12.60				8.50			4.10		MONTGOMERY CO LINE TO CLARK CO LINE	
	TOTAL FOR MIAMI COUNTY				273.12	273.12				37.21		1.50	234.34	0.07		
	MOT	SR-123	0.00	2.08	4.16	4.16				4.16					WARREN CO LINE TO SR-4	
	MOT	SR-4	0.00	2.48	4.96	4.96						4.96			BUTLER CO LINE TO GERMANTOWN SCL	
	MOT	SR-4	4.48	7.13	5.30	5.30						5.30			GERMANTOWN NCL TO MORRAINE CL	
	MOT	SR-4	8.13	11.88	7.50	7.50						7.50			MORRAINE NCL TO DAYTON CL	
	MOT	SR-48	0.00	1.70	3.27	3.27						3.27			WARREN CO LINE TO CENTERVILLE SCL	
	MOT	SR-48	4.33	4.69	0.72	0.72						0.72			SR-725 TO LOOP RD	
	MOT	SR-48	5.45	6.05	1.20	1.20						1.20			END CURB NORTH OF WHIPP RD TO KETTERING SCL	
	MOT	SR-48	16.14	19.10	5.92	5.92						5.92			DAYTON NCL TO CLAYTON SCL	
	MOT	SR-49	8.98	9.37	0.98	0.98						0.98			IR-70 OVERPASS TO IR-70	
	MOT	SR-49	8.98	9.37	0.98		0.98					0.98			IR-70 OVERPASS TO IR-70	
	MOT	SR-49	12.00	14.30	4.60	4.60						4.60			US-40 TO BEGIN CURB PHILLIPSBURB	
	MOT	SR-49	14.90	15.96	2.12	2.12						2.12			END CURB PHILLIPSBURB TO MIAMI CO LINE	

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS	
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT		
			FROM	TO													
	MOT	SR-725	0.00	4.84	9.68	9.68							2.12		7.56	PREBLE COUNTY LINE TO GERMANTOWN WCL	
	MOT	SR-725	8.56	10.13	3.14	3.14							3.14			GERMANTOWN ECL TO MIAMISBURG WCL	
	MOT	SR-725	14.99	15.26	0.54	0.54							0.54			SR-741 TO TR1841 LOIS AVE	
	MOT	SR-725	14.99	15.16	0.34			0.34					0.34			SR-741 TO MALL PARK DR	
	MOT	SR-741	0.00	0.97	1.94	1.94								1.94		WARREN COUNTY LINE TO 0.21 NORTH AUSTIN BLVD	
	MOT	SR-741	3.17	3.61	0.88	0.88								0.88		.07 NORTH KINGSRIDGE RD TO SR-725	
	MOT	SR-741	5.80	6.20	0.80	0.80								0.8		ORCHARD RUN RD TO MORAINES SCL	
	MOT	US-35	0.00	2.98	5.96	5.96								5.96		PREBLE COUNTY LINE TO BEGIN CURB NEW LEBANON	
	MOT	US-35	5.61	9.14	7.06	7.06							5.96	1.1		END CURB NEW LEBANON TO BEGIN CURB WEST OF UNION RD	
	MOT	US-40	0.00	6.22	12.44	12.44								11.28		PREBLE CO LINE TO CLAYTON WCL	
	MOT	US-40	11.12	13.34	4.44	4.44							4.42	0.02		ENGLEWOOD ECL TO VANDALIA WCL	
	TOTAL FOR MONTGOMERY COUNTY				88.93	87.61		1.32					21.84		41.19	25.9	
	SHE	SR-119	0.00	4.20	8.40	8.40									8.4		AUGLAIZE CO LINE TO MCCARTYVILLE RD
	SHE	SR-119	4.20	4.48	0.56	0.56									0.56		MCCARTYVILLE RD TO RENEE RD
	SHE	SR-119	4.48	8.46	7.96	7.96									7.96		RENEE RD TO BEGIN CURB ANNA
	SHE	SR-119	8.73	9.35	1.24	1.24									1.24		CR-25A TO IR-75 UNDERPASS
	SHE	SR-219	0.00	0.75	1.50	1.50									1.5		AUGLAIZE CO LINE TO BEGIN CURB BOTKINS
	SHE	SR-219	1.49	1.74	0.55	0.55									0.55		END CURB BOTKINS TO END ROUTE AT IR-75
	SHE	SR-274	0.00	3.89	7.78	7.78									7.78		AUGLAIZE CO LINE TO BEGIN CURB KETTLERSVILLE
	SHE	SR-274	4.19	10.73	13.08	13.08									13.08		END CURB KETTLERSVILLE TO TR-17 SIDNEY FREYBURG RD
	SHE	SR-274	16.33	17.76	2.60	2.60									2.6		END CURB JACKSON CENTER TO LOGAN CO LINE
	SHE	SR-29	0.00	2.97	5.94	5.94									5.94		AUGLAIZE CO LINE TO SR-274 WEST JUNCTION
	SHE	SR-29	3.81	14.79	21.96	21.96									21.32		SR-274 EAST JUNCTION TO SIDNEY NCL
	SHE	SR-29	18.19	19.99	3.60	3.60							0.64		3.6		SIDNEY ECL TO SR-706
	SHE	SR-29	22.31	26.22	7.82	7.82									7.82		317 FT W CR-37 MCCLOSKEY SCHOOL RD TO CHP CO LINE
	SHE	SR-362	0.53	3.24	5.92	5.42		0.50							0.26		END CURB FT LORAMIE TO AUGLAIZE CO LINE
	SHE	SR-363	0.00	0.42	0.84	0.84										0.84	BEGIN ROUTE TO AUGLAIZE CO LINE
	SHE	SR-47	0.00	12.69	25.38	25.38									21.4		DARKE CO LINE TO BEGIN CURB (KUTHER RD)
	SHE	SR-47	16.66	20.35	7.38	7.38							3.98				SIDNEY ECL TO PORT JEFFERSON WCL
	SHE	SR-47	20.95	27.09	12.28	12.28							7.38				PORT JEFFERSON ECL TO LOGAN COUNTY LINE
	SHE	SR-48	3.03	5.03	4.00	4.00									4		MP3 TO SR-66

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS				
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT		05/STR/OT	06/NFP/OT		
			FROM	TO														
	SHE	SR-589	0.00	4.70	9.40	9.40								9.4		MIAMI CO LINE TO SR-29		
	SHE	SR-65	0.00	5.72	11.44	11.44								11.44		SR-47 TO BEGIN CURB JACKSON CENTER		
	SHE	SR-65	6.71	9.21	5.00	5.00								5		END CURB JACKSON CENTER TO AUGLAIZE CO LINE		
	SHE	SR-66	6.42	11.84	10.84	10.84				1.48				9.36		SR-48 TO BEGIN CURB FT LORAMIE		
	SHE	SR-66	12.48	14.32	3.68	3.68				3.68						END CURB FT LORAMIE TO AUGLAIZE CO LINE		
	SHE	SR-705	0.00	3.15	6.30	6.30					1			5.3		DARKE CO LINE TO BEGIN CURB FT LORAMIE		
	SHE	SR-705	3.71	12.33	17.24	17.24					1.54			15.7		END CURB FT LORAMIE TO SR-29		
	SHE	SR-706	0.00	5.14	10.28	10.28								9.86		SR-29 TO LOGAN CO LINE		
	TOTAL FOR SHELBY COUNTY				212.97	212.47		0.50						33.46	8.2		170.47	0.84
	TOTAL FOR AUGLAIZE COUNTY				303.87	300.44		3.43				32.95	28.6		183.20	59.12		
	TOTAL FOR CHAMPAIGN COUNTY				335.30	335.30						6.36	15.26		260.98	52.70		
	TOTAL FOR CLARK COUNTY				196.32	186.94	2.67	5.40	1.31			62.58			133.74			
	TOTAL FOR DARKE COUNTY				430.45	429.35	0.17	0.76	0.17			16.36	21.02		351.48	41.59		
	TOTAL FOR LOGAN COUNTY				351.57	349.61		1.96				55.77	32.13		194.66	69.01		
	TOTAL FOR MERCER COUNTY				363.26	363.26						18.46	35.94		308.80	0.06		
	TOTAL FOR MIAMI COUNTY				273.12	273.12						37.21	1.50		234.34	0.07		
	TOTAL FOR MONTGOMERY COUNTY				88.93	87.61		1.32				21.84	41.19		25.9			
	TOTAL FOR SHELBY COUNTY				212.97	212.47		0.50				33.46	8.2		170.47	0.84		
	TOTAL FOR DISTRICT 7				2555.79	2538.10	2.84	13.37	1.48			155.09	138.1	175.64	1863.57	223.39		

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	AUG	IR-75	0.00	4.51	9.02			9.02		9.02						SHELBY CO LINE TO 325 FT SOUTH OF BEGINNING OF NORTHBOUND US-33 EXIT RAMP
	AUG	IR-75	0.00	4.51	9.02	9.02				9.02						SHELBY CO LINE TO 325 FT SOUTH OF BEGINNING OF NORTHBOUND US-33 EXIT RAMP
	AUG	IR-75	7.97		0.33		0.33			0.33						NORTHBOUND REST AREA (PHYSICAL GORE INTO REST AREA)
	AUG	IR-75	7.97		0.26				0.26	0.26						NORTHBOUND REST AREA (PHYSICAL GORE INTO REST AREA)
	AUG	IR-75	8.14		0.28		0.28			0.28						SOUTHBOUND REST AREA (PHYSICAL GORE INTO REST AREA)
	AUG	IR-75	8.14		0.25				0.25	0.25						SOUTHBOUND REST AREA (PHYSICAL GORE INTO REST AREA)
	AUG	SR-29	0.00	2.13	3.41	3.41					1.21		2.20			MERCER CO LINE TO US-33 INTERCHANGE
	AUG	SR-29	0.00	2.13	4.26			4.26			2.06		2.20			MERCER CO LINE TO US-33 INTERCHANGE
	AUG	SR-29	0.59		1.43		1.43						1.43			SR-364 INTERCHANGE
	AUG	SR-29	0.59		0.80				0.80				0.80			SR-364 INTERCHANGE
	AUG	SR-29	1.88		1.63		1.63				1.63					US-33 INTERCHANGE(EAST SIDE)
	AUG	SR-29	1.88		1.30				1.30		1.30					US-33 INTERCHANGE(EAST SIDE)
	AUG	US-33	3.00		1.58		1.58					1.58				SR-29 INTERCHANGE (WEST SIDE)
	AUG	US-33	3.00		1.28				1.28			1.28				SR-29 INTERCHANGE (WEST SIDE)
	AUG	US-33	4.19		2.40		2.40					2.40				SR-66 INTERCHANGE
	AUG	US-33	4.19		1.77				1.77			1.77				SR-66 INTERCHANGE
	AUG	US-33	15.16	16.48	2.64	2.64						2.64				SR501/SR197 RAMP EASTSIDE TO END 4 LANE
	AUG	US-33	15.16	16.48	2.64			2.64				2.64				SR501/SR197 RAMP EASTSIDE TO END 4 LANE
	AUG	US-33	7.40		0.80		0.80					0.80				REST AREA
	AUG	US-33	7.40		0.65				0.65			0.65				REST AREA
	AUG	US-33	9.26		0.80		0.80					0.80				CR-91 FT AMANDA INTERCHANGE
	AUG	US-33	9.26		0.65				0.65			0.65				CR-91 FT AMANDA INTERCHANGE
	AUG	US-33	12.81		1.04		1.04					1.04				CR-33A INTERCHANGE
	AUG	US-33	12.81		0.88				0.88			0.88				CR-33A INTERCHANGE
	AUG	US-33	14.80		1.45		1.45					1.45				HARDIN PIKE INTERCHANGE
	AUG	US-33	14.80		1.36				1.36			1.36				HARDIN PIKE INTERCHANGE
	AUG	US-33	15.07		1.18		1.18					1.18				SR-67 INTERCHANGE
	AUG	US-33	15.07		1.17				1.17			1.17				SR-67 INTERCHANGE
TOTAL FOR AUGLAIZE COUNTY					54.28	15.07	12.92	15.92	10.37	19.16		6.20	22.29	6.63		

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	CHP	US-68	0.00	1.27	2.54	2.54						2.54				CLARKE COUNTY LINE TO 4 TO 2 LANE TRANSITION
	CHP	US-68	0.00	1.27	2.54			2.54				2.54				CLARKE COUNTY LINE TO 4 TO 2 LANE TRANSITION
	CHP	US-68	1.27	1.51	0.48	0.48						0.48				4 TO 2 LANE TRANSITION TO SPRINGFIELD URBANA RD
	CHP	US-68	1.27	1.51	0.48			0.48				0.48				4 TO 2 LANE TRANSITION TO SPRINGFIELD URBANA RD
	CHP	US-68	1.51	1.74	1.15	1.15						1.15				SPRINGFIELD URBANA RD TO END 4 LANE
	CHP	US-68	1.51	1.71	0.20			0.20				0.20				SPRINGFIELD URBANA RD TO END MEDIAN
	CHP	US-68	1.51		0.04		0.04					0.04				SPRINGFIELD URBANA RD
	CHP	US-68	1.51		0.14				0.14			0.14				SPRINGFIELD URBANA RD
	TOTAL FOR CHAMPAIGN COUNTY				7.57	4.17	0.04	3.22	0.14			7.57				
	CLA	IR-675	0.00	1.50	3.09			3.09		3.09						GREENE CO LINE TO END 4 LANE
	CLA	IR-675	1.00	1.50	2.29	2.29				2.29						GREEN CO LINE TO IR-70
	CLA	IR-70	0.51	6.34	10.46	10.46				10.46						.14 W LOWER VALLEY PIKE TO RAILROAD BRIDGE
	CLA	IR-70	0.51	6.34	11.66			11.66		11.66						.14 W LOWER VALLEY PIKE TO RAILROAD BRIDGE
	CLA	IR-70	3.10		4.79		4.79			4.79						IR-675 INTERCHANGE
	CLA	IR-70	3.10		3.02				3.02	3.02						IR-675 INTERCHANGE
	CLA	IR-70	6.07		0.65		0.65			0.65						SR-4 INTERCHANGE
	CLA	IR-70	6.07		0.19				0.19	0.19						SR-4 INTERCHANGE
	CLA	IR-70	6.34	10.54	7.48	7.48				7.48						RAILROAD BRIDGE TO REBERT RD
	CLA	IR-70	6.34	10.54	8.40			8.40		8.40						RAILROAD BRIDGE TO REBERT RD
	CLA	IR-70	6.57		0.87		0.87			0.87						ENON RD INTERCHANGE
	CLA	IR-70	6.57		0.40				0.40	0.40						ENON RD INTERCHANGE
	CLA	IR-70	11.01		4.21		4.21			4.21						US-68 INTERCHANGE
	CLA	IR-70	11.01		2.49				2.49	2.49						US-68 INTERCHANGE
	CLA	IR-70	13.95	20.79	12.61	12.61				12.61						6 LANE SECTION TO US-40
	CLA	IR-70	13.95	20.79	13.68			13.68		13.68						6 LANE SECTION TO US-40
	CLA	IR-70	18.13		1.77		1.77			1.77						SR-41 INTERCHANGE
	CLA	IR-70	18.13		0.81				0.81	0.81						SR-41 INTERCHANGE
	CLA	IR-70	20.79		2.23		2.23			2.23						US-40 INTERCHANGE
	CLA	IR-70	20.79		1.10				1.10	1.10						US-40 INTERCHANGE

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	CLA	IR-70	25.11	29.25	7.42	7.42				7.42						SR-54 TO MADISON CO LINE
	CLA	IR-70	25.11	29.25	8.28			8.28		8.28						SR-54 TO MADISON CO LINE
	CLA	IR-70	25.11		0.80		0.80			0.80						SR-54 INTERCHANGE
	CLA	IR-70	25.11		0.45				0.45	0.45						SR-54 INTERCHANGE
	CLA	SR-4			2.55		2.55					2.55				ENON RD, SR-369, LOWER VALLEY PIKE, US-40 INTGS
	CLA	SR-4			1.15				1.15			1.15				ENON RD, SR-369, LOWER VALLEY PIKE, US-40 INTGS
	CLA	SR-4	5.54	11.30	10.80	10.80						10.80				IR-70 TO US-40
	CLA	SR-4	5.54	11.30	11.52			11.52				11.52				IR-70 TO US-40
	CLA	US-40	9.82	10.82	1.27	1.27					0.26		1.01			BEGIN DIVIDED HIGHWAY TO SPRINGFIELD WCL
	CLA	US-40	9.82	10.82	1.58			1.58			0.25		1.33			BEGIN DIVIDED HIGHWAY TO SPRINGFIELD WCL
	CLA	US-68	4.56	5.76	0.99	0.99						0.99				BEGIN 4 LANE TO REBERT RD OVPS
	CLA	US-68	4.56	5.76	2.40			2.40				2.4				BEGIN 4 LANE TO REBERT RD OVPS
	CLA	US-68			2.50		2.50					2.5				US-40 INTERCHANGE
	CLA	US-68			0.71				0.71			0.71				US-40 INTERCHANGE
	CLA	US-68	15.17		0.36		0.36					0.36				COUNTY LINE RD INTERCHANGE NORTHSIDE
	CLA	US-68	15.17		0.38				0.38			0.38				COUNTY LINE RD INTERCHANGE NORTHSIDE
	CLA	US-68	15.17		0.08		0.04		0.04			0.08				COUNTY LINE RD INTERCHANGE SOUTHSIDE (CONCRETE AT STOP LINE)
TOTAL FOR CLARK COUNTY					145.44	53.32	20.77	60.61	10.74	109.15	0.51		35.78			

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS		
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT			
			FROM	TO														
	DAR	US-127	10.69		0.21		0.21					0.21					SR-49 INTERCHANGE	
	DAR	US-127	10.69		0.21				0.21									SR-49 INTERCHANGE
	DAR	US-127	13.09		0.26		0.26					0.26						SR-571/US-36 INTERCHANGE
	DAR	US-127	13.09		0.24				0.24			0.24						SR-571/US-36 INTERCHANGE
	TOTAL FOR DARKE COUNTY				0.92		0.47		0.45			0.92						
	LOG	US-33	10.81	15.77	8.10	8.10						8.10						BEGIN 4 LANE TO SR-47
	LOG	US-33	10.81	15.77	9.92			9.92				9.92						BEGIN 4 LANE TO SR-47
	LOG	US-33	10.97		2.29		1.33		0.96			2.29						SR-117 INTERCHANGE
	LOG	US-33	13.23		1.65		1.15		0.50			1.65						EASTBOUND AND WESTBOUND REST AREA
	LOG	US-33	15.67		2.21		1.37		0.84			2.21						US-68 INTERCHANGE
	LOG	US-33	15.77	29.71	27.50	27.50						27.50						SR-47 TO UNION CO LINE *
	LOG	US-33	15.77	29.71	27.88			27.88				27.88						SR-47 TO UNION CO LINE *
	LOG	US-33	17.22		1.13		1.13					1.13						SR-540 INTERCHANGE
	LOG	US-33	17.22		0.92				0.92			0.92						SR-540 INTERCHANGE
	LOG	US-33	19.51		0.83		0.83					0.83						CR-10 INTERCHANGE
	LOG	US-33	19.51		0.79				0.79			0.79						CR-10 INTERCHANGE
	LOG	US-33	21.53		1.13		1.13					1.13						SR-292 INTERCHANGE
	LOG	US-33	21.53		0.99				0.99			0.99						SR-292 INTERCHANGE
	LOG	US-33	25.50		2.27		2.27					2.27						SR-347 INTERCHANGE
	LOG	US-33	25.50		2.03				2.03			2.03						SR-347 INTERCHANGE
	TOTAL FOR LOGAN COUNTY				89.64	35.60	9.21	37.80	7.03			89.64						
																* SEE ITEM 642 EDGE LINE, 6", TYPE 1, AS PER PLAN NOTE ON SHEET 6-6F		

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	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	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					0.52		6.02			CELINA CORP(.25 EAST STAEGER RD) TO AUGLAIZE CO LINE
	MER	SR-29	15.53	18.80	6.54			6.54			0.52		6.02			CELINA CORP(.25 EAST STAEGER RD) TO AUGLAIZE CO LINE
	TOTAL FOR MERCER COUNTY				15.92	7.96		7.96			3.88		12.04			
	MIA	IR-75	0.00	4.94	9.73	9.73				9.73						MONTGOMERY COUNTY LINE TO BEGIN OF CONCRETE SECTION
	MIA	IR-75	0.00	4.94	9.88			9.88		9.88						MONTGOMERY COUNTY LINE TO BEGIN OF CONCRETE SECTION
	MIA	IR-75	2.62		1.65		1.65			1.65						SR-571 INTERCHANGE
	MIA	IR-75	2.62		0.49				0.49	0.49						SR-571 INTERCHANGE
	MIA	IR-75	4.40		1.62		1.62			1.62						CR-25A INTERCHANGE
	MIA	IR-75	4.40		0.72				0.72	0.72						CR-25A INTERCHANGE
	MIA	IR-75	7.85		1.54		1.54			1.54						SR-55 INTERCHANGE
	MIA	IR-75	7.85		0.62				0.62	0.62						SR-55 INTERCHANGE
	MIA	IR-75	9.71		2.20		2.20			2.20						SR-41 INTERCHANGE
	MIA	IR-75	9.71		0.88				0.88	0.88						SR-41 INTERCHANGE
	MIA	IR-75	10.85	13.72	5.47	5.47				5.47						END OF CONCRETE SECTION TO CR15 TROY PIQUA RD OVPS
	MIA	IR-75	10.85	13.72	6.15			6.15		6.15						END OF CONCRETE SECTION TO CR15 TROY PIQUA RD OVPS
	MIA	IR-75	13.15		1.66		1.66			1.66						CR-25A FARRINGTON INTERCHANGE
	MIA	IR-75	13.15		0.96				0.96	0.96						CR-25A FARRINGTON INTERCHANGE
	MIA	IR-75	15.00	19.96	8.96	8.96				8.96						REST AREA TO SHELBY CO LINE
	MIA	IR-75	15.00	19.96	10.78			10.78		10.78						REST AREA TO SHELBY CO LINE
	MIA	IR-75	14.79		0.71		0.71			0.71						NORTHBOUND REST AREA
	MIA	IR-75	14.79		0.40				0.40	0.40						NORTHBOUND REST AREA
	MIA	IR-75	14.98		0.71		0.71			0.71						SOUTHBOUND REST AREA
	MIA	IR-75	14.98		0.40				0.40	0.40						SOUTHBOUND REST AREA
	MIA	IR-75	16.72		1.32		1.32			1.32						US-36 INTERCHANGE
	MIA	IR-75	16.72		0.71				0.71	0.71						US-36 INTERCHANGE
	MIA	IR-75	17.77		1.77		1.77			1.77						CR-25A NORTH OF PIQUA
	MIA	IR-75	17.77		1.05				1.05	1.05						CR-25A NORTH OF PIQUA
	TOTAL FOR MIAMI COUNTY				70.38	24.16	13.18	26.81	6.23	70.38						

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	MOT	IR-675	4.11	7.44	6.66	6.66				6.66						PARAGON RD OVPS TO GREENE COUNTY LINE
	MOT	IR-675	4.11	7.44	4.83			4.83		4.83						PARAGON RD OVPS TO GREENE COUNTY LINE
	MOT	IR-675	4.47		0.77		0.77			0.77						Alex Bell
	MOT	IR-675	4.47		0.34				0.34	0.34						Alex Bell
	MOT	IR-675	4.79		1.81		1.81			1.81						SR-48
	MOT	IR-675	4.79		0.97				0.97	0.97						SR-48
	MOT	IR-675	7.42		0.97		0.97			0.97						Wilmington Pike
	MOT	IR-675	7.42		0.54				0.54	0.54						Wilmington Pike
	MOT	IR-70	0.00	10.79	20.39	20.39				20.39						PREBLE COUNTY LINE TO BEGIN PROJECT (SR-48)
	MOT	IR-70	0.00	10.79	21.58			21.58		21.58						PREBLE COUNTY LINE TO BEGIN PROJECT (SR-48)
	MOT	IR-70	3.34		1.68		1.68			1.68						ARLINGTON RD INTERCHANGE
	MOT	IR-70	3.34		0.75				0.75	0.75						ARLINGTON RD INTERCHANGE
	MOT	IR-70	6.03		0.80		0.80			0.80						BROOKVILLE SALEM INTERCHANGE
	MOT	IR-70	6.03		0.35				0.35	0.35						BROOKVILLE SALEM INTERCHANGE
	MOT	IR-70	8.21		0.51		0.51			0.51						EAST JUNCTION SR-49
	MOT	IR-70	8.21		0.51				0.51	0.51						EAST JUNCTION SR-49
	MOT	IR-70	8.59		0.89		0.89			0.89						HOKE RD INTERCHANGE
	MOT	IR-70	8.59		0.41				0.41	0.41						HOKE RD INTERCHANGE
	MOT	IR-70	10.79	14.20	6.82	6.82				6.82						SR-48 TO PETERS PIKE OVERPASS
	MOT	IR-70	10.79	14.20	6.82			6.82		6.82						SR-48 TO PETERS PIKE OVERPASS
	MOT	IR-70	11.30		0.70		0.70			0.70						SR-48 INTERCHANGE
	MOT	IR-70	11.30		0.70				0.70	0.70						SR-48 INTERCHANGE
	MOT	IR-70	14.20	15.53	2.66	2.66				2.66						PETERS PIKE OVERPASS TO IR-75 RAMP
	MOT	IR-70	14.20	15.53	2.66			2.66		2.66						PETERS PIKE OVERPASS TO IR-75 RAMP
	MOT	IR-70	14.20	23.55	11.02		11.02			11.02						SR-202, SR-201, SR-235 INTERCHANGES
	MOT	IR-70	14.20	23.55	6.19				6.19	6.19						SR-202, SR-201, SR-235 INTERCHANGES

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	MOT	IR-75	0.76		0.30		0.30			0.30						AUSTIN BLVD INTERCHANGE (CONCRETE AT STOP LINE)
	MOT	IR-75	0.76		0.30				0.30	0.30						AUSTIN BLVD INTERCHANGE (CONCRETE AT STOP LINE)
	MOT	IR-75	3.74		0.10		0.10			0.10						SR-725 INTERCHANGE (CONCRETE AT STOP LINE)
	MOT	IR-75	3.74		0.10				0.10	0.10						SR-725 INTERCHANGE (CONCRETE AT STOP LINE)
	MOT	IR-75	6.66		0.71		0.71			0.71						DIXIE DRIVE INTECHANGE
	MOT	IR-75	6.66		0.68				0.68	0.68						DIXIE DRIVE INTECHANGE
	MOT	IR-75	7.53	10.42	4.97	4.97				4.97						MP48.45 TO DAYTON SCL
	MOT	IR-75	7.53	10.42	5.78			5.78		5.78						MP48.45 TO DAYTON SCL
	MOT	IR-75	9.31		1.73		1.73			1.73						DRYDEN ROAD INTERCHANGE
	MOT	IR-75	9.31		1.09				1.09	1.09						DRYDEN ROAD INTERCHANGE
	MOT	IR-75	9.57		1.00		1.00			1.00						SR-741 INTERCHANGE
	MOT	IR-75	9.57		0.65				0.65	0.65						SR-741 INTERCHANGE
	MOT	IR-75	10.42	11.75	2.26	2.26				2.26						DAYTON SCL TO BRIDGE OVER US-35
	MOT	IR-75	10.42	11.75	2.64			2.64		2.64						DAYTON SCL TO BRIDGE OVER US-35
	MOT	IR-75	10.78		0.94		0.94			0.94						EDWIN C MOSES INTERCHANGE
	MOT	IR-75	10.78		0.55				0.55	0.55						EDWIN C MOSES INTERCHANGE
	MOT	IR-75	11.22		0.18		0.09		0.09	0.18						STEWART INTERCHANGE NB ENTRANCE RAMP ONLY
	MOT	IR-75	11.22		0.32		0.16		0.16	0.32						STEWART INTERCHANGE SB ENTRANCE RAMP ONLY
	MOT	IR-75 NB	13.48	14.95	2.13	0.66		1.47		2.13						END PROJECT TO GORE OF NORTHBOUND EXIT RAMP TO STANLEY AVE
	MOT	IR-75 SB	13.82	14.95	2.00	0.87		1.13		2.00						END PROJECT TO GORE OF NORTHBOUND EXIT RAMP TO STANLEY AVE
	MOT	IR-75	13.46		0.93		0.37		0.56	0.93						MAIN ST INTERCHANGE (NOT IN PROJECT)
	MOT	IR-75	14.36		5.67		3.38		2.29	5.67						SR-4 INTERCHANGE (NOT IN PROJECT)
	MOT	IR-75	15.03		0.14		0.14			0.14						STANLEY RD INTERCHANGE (BEGIN NB RAMP TO PHYSICAL GORE)
	MOT	IR-75	18.74		1.66		1.66			1.66						BENCHWOOD WYSE INTERCHANGE
	MOT	IR-75	18.74		1.12				1.12	1.12						BENCHWOOD WYSE INTERCHANGE
	MOT	US-35	10.35	11.33	1.98	1.98							1.98			SR-49 TO DAYTON WCL
	MOT	US-35	10.35	11.33	1.65			1.65					1.65			SR-49 TO DAYTON WCL
	TOTAL FOR MONTGOMERY COUNTY				143.91	47.27	29.73	48.56	18.35	140.28			3.63			

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	SHE	IR-75	0.00	8.88	16.54	16.54				16.54						MIAMI CO LINE TO 1.73 N SIDNEY CORP LIMIT
	SHE	IR-75	0.00	8.88	17.76			17.76		17.76						MIAMI CO LINE TO 1.73 N SIDNEY CORP LIMIT
	SHE	IR-75	5.28		1.91		1.91			1.91						FAIR ROAD INTERCHANGE
	SHE	IR-75	5.28		0.73			0.73		0.73						FAIR ROAD INTERCHANGE
	SHE	IR-75	6.66		1.66		1.66			1.66						SR-47 INTERCHANGE
	SHE	IR-75	6.66		0.62			0.62		0.62						SR-47 INTERCHANGE
	SHE	IR-75	8.53		1.74		1.74			1.74						SR-29 INTERCHANGE
	SHE	IR-75	8.53		0.68			0.68		0.68						SR-29 INTERCHANGE
	SHE	IR-75	8.88	18.85	17.75	17.75				17.75						1.73 N SIDNEY CORP LIMIT TO BRIDGE 18.83
	SHE	IR-75	8.88	18.85	19.94			19.94		19.94						1.73 N SIDNEY CORP LIMIT TO BRIDGE 18.83
	SHE	IR-75	9.43		1.81		1.81			1.81						CR-25A INTERCHANGE
	SHE	IR-75	9.43		0.99			0.99		0.99						CR-25A INTERCHANGE
	SHE	IR-75	14.47		1.82		1.82			1.82						SR-119 INTERCHANGE
	SHE	IR-75	14.47		0.91			0.91		0.91						SR-119 INTERCHANGE
	SHE	IR-75	17.54		1.83		1.83			1.83						SR-274 INTERCHANGE
	SHE	IR-75	17.54		0.89			0.89		0.89						SR-274 INTERCHANGE
	SHE	IR-75	18.85	20.55	2.34	2.34				2.34						BRIDGE 18.83 TO AUGLAIZE CO LINE
	SHE	IR-75	18.85	20.55	3.40			3.40		3.40						BRIDGE 18.83 TO AUGLAIZE CO LINE
	SHE	IR-75	19.54		1.70		1.70			1.70						SR-219 INTERCHANGE
	SHE	IR-75	19.54		0.61			0.61		0.61						SR-219 INTERCHANGE
TOTAL FOR SHELBY COUNTY					95.63	36.63	12.47	41.10	5.43	95.63						

6" EDGE LINE SUB-SUMMARY

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6" EDGELINE SUB-SUMMARY

CALCULATED
CHECKED

Loc. No.	LOCATION				TOTAL MILES	WHITE EDGE LINE		YELLOW EDGE LINE		PARTICIPATION TYPE						REMARKS
	COUNTY	ROUTE	S.L.M. SECTION			HIGHWAY	RAMP	HIGHWAY	RAMP	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	
			FROM	TO												
	TOTAL FOR AUGLAIZE COUNTY				54.28	15.07	12.92	15.92	10.37	19.16		6.20	22.29	6.63		
	TOTAL FOR CHAMPAIGN COUNTY				7.57	4.17	0.04	3.22	0.14				7.57			
	TOTAL FOR CLARK COUNTY				145.44	53.32	20.77	60.61	10.74	109.15	0.51		35.78			
	TOTAL FOR DARKE COUNTY				0.92		0.47		0.45			0.92				
	TOTAL FOR LOGAN COUNTY				89.64	35.60	9.21	37.80	7.03				89.64			
	TOTAL FOR MERCER COUNTY				15.92	7.96		7.96				3.88		12.04		
	TOTAL FOR MIAMI COUNTY				70.38	24.16	13.18	26.81	6.23	70.38						
	TOTAL FOR MONTGOMERY COUNTY				143.91	47.27	29.73	48.56	18.35	140.28			3.63			
	TOTAL FOR SHELBY COUNTY				95.63	36.63	12.47	41.10	5.43	95.63						
	TOTAL FOR DISTRICT 7				623.69	224.18	98.79	241.98	58.74	434.60	0.51	11.00	158.91	18.67		

6" EDGE LINE SUB-SUMMARY

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GENERAL SUMMARY

SEE SHEET 15	SEE SHEET 26	SEE SHEET 35	01/IMS/OT	02/S>2/OT	03/S<2/OT	04/NHS/OT	05/STR/OT	06/NFP/OT	ITEM	ITEM EXT.	TOTAL QUANTITY	UNIT	DESCRIPTION	SEE SHEET NO
TRAFFIC CONTROL														
	2555.79	609.27	434.6	155.6	149.1	320.13	1882.24	223.39	642	00104	3165.06	MILE	EDGE LINE, 6", TYPE 1	
		14.42				14.42			642	00105	14.42	MILE	EDGE LINE, 6", TYPE 1, AS PER PLAN	6-6F
1331.91			0.88	76.57	83.99	83.24	974.43	112.8	642	00300	1331.91	MILE	CENTERLINE, TYPE 1	
INCIDENTAL														
			LS	LS	LS	LS	LS	LS	614	11001	LS		MAINTAINING TRAFFIC, AS PER PLAN	4-6
			LS	LS	LS	LS	LS	LS	624	10000	LS		MOBILIZATION	

CALCULATED
CHECKED

GENERAL SUMMARY

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