

STATE OF OHIO
 DEPARTMENT OF TRANSPORTATION
 SW-MOWING-FY2013

PID NO.	95235
FEDERAL PROJECT NO.	100% STATE
CONSTRUCTION PROJECT NO.	

LOCATION MAP



2010 SPECIFICATIONS

THE STANDARD 2010 SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND THE PROPOSAL SHALL GOVERN THESE IMPROVEMENTS.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING OF THE HIGHWAY TO TRAFFIC AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH IN THE PLANS AND ESTIMATES.

APPROVED Steve Mory / 1/18/13
 DATE 1/18/13 DISTRICT DEPUTY DIRECTOR

APPROVED Larry Wright / 2-27-13
 DATE 2-27-13 DIRECTOR, DEPARTMENT OF TRANSPORTATION

LATITUDE: N 39°25'52" LONGITUDE : W 84°17'01"

INDEX OF SHEETS:

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PROJECT DESCRIPTION: THE WORK PROPOSED BY THIS PROJECT IS FOR THE MOWING OF THE SPECIFIED US ROUTES, INTERSTATE ROUTES, AND STATE ROUTES WITHIN BUTLER, CHAMPAIGN, CLARK, CLERMONT, CLINTON, FAYETTE, GREENE, HAMILTON, MADISON, MONTGOMERY, PREBLE, AND WARREN COUNTIES.

NPDES PERMIT REQUIREMENTS:

PROJECT EARTH DISTURBED AREA = N/A (MAINTENANCE PROJECT)
 ESTIMATED CONTRACTOR EARTH DISTURBED AREA = N/A (MAINTENANCE PROJECT)
 NOTICE OF INTENT DISTURBED AREA = N/A (MAINTENANCE PROJECT)

UNDERGROUND UTILITIES
 CONTACT BOTH SERVICES
 CALL TWO WORKING DAYS
 BEFORE YOU DIG

CALL
 1-800-382-2764
 (TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE
 NON-MEMBERS
 MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS PROTECTIVE
 SERVICE CALL: 1-800-925-0988

ENGINEERS SEAL:

SIGNED: [Signature]
 DATE: 1/17/13

STANDARD CONSTRUCTION DRAWINGS		SUPPLEMENTAL SPECIFICATIONS	
DM-4.3	1/18/13	800	1/18/13
DM-4.4	7/20/12	832	5/5/09

PLAN PREPARED BY:
 OHIO DEPARTMENT OF TRANSPORTATION
 DISTRICT 8 ENGINEERING

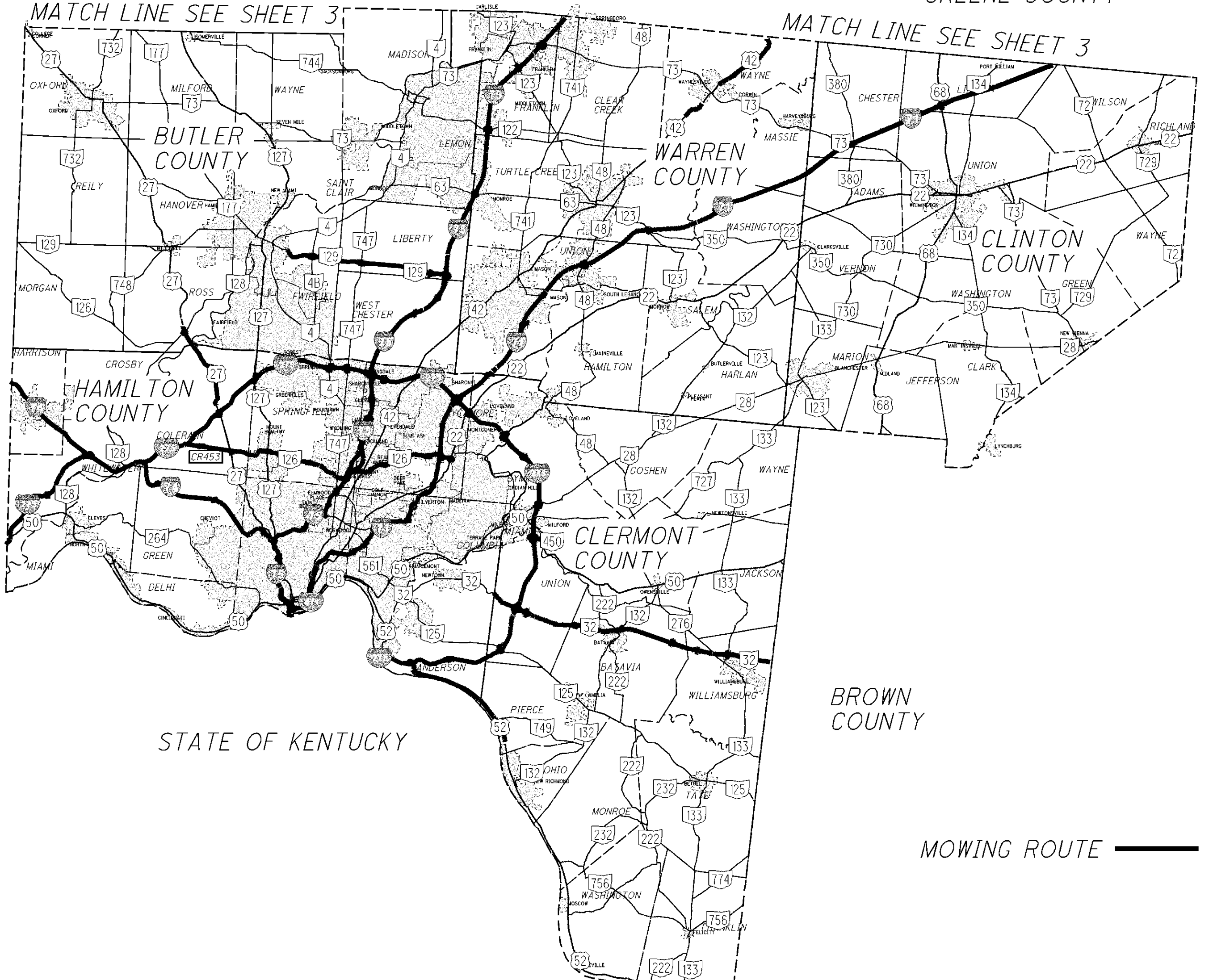
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PREBLE COUNTY
MATCH LINE SEE SHEET 3

MONTGOMERY COUNTY

GREENE COUNTY
MATCH LINE SEE SHEET 3

STATE OF INDIANA



STATE OF KENTUCKY

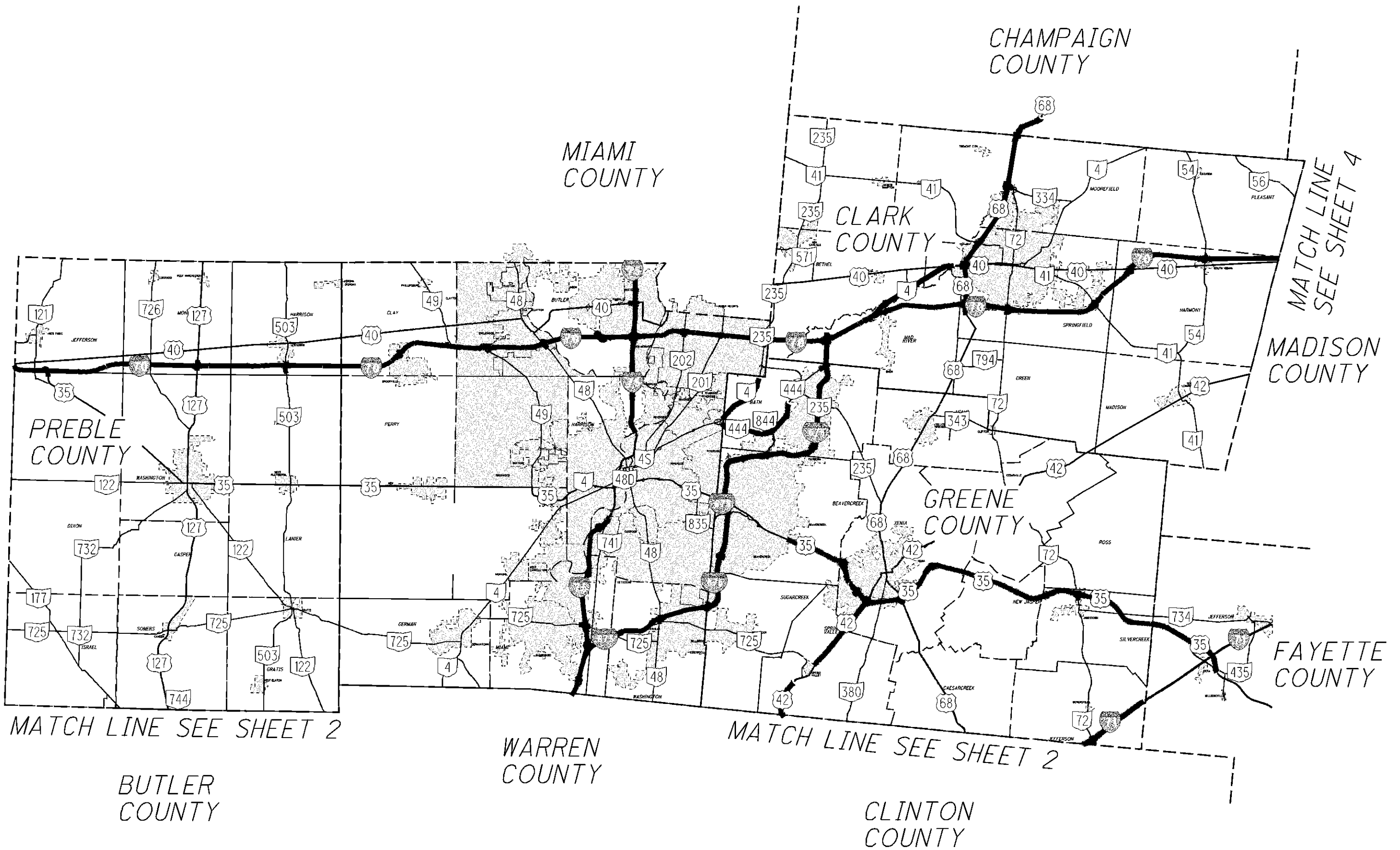
BROWN COUNTY

MOWING ROUTE ———

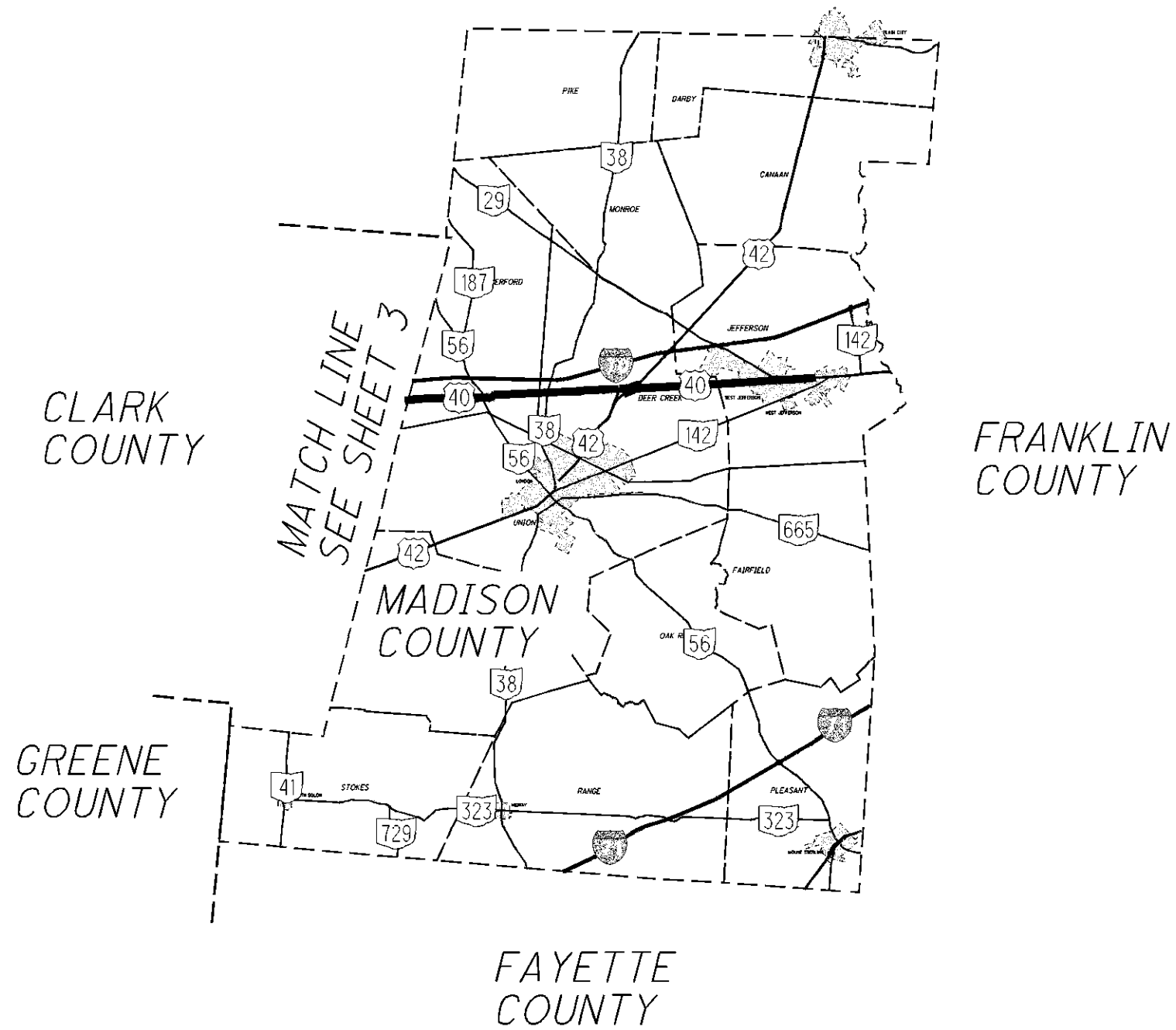
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SW-MOWING-FY2013

LOCATION MAP 1



MOWING ROUTE



MOWING ROUTE 

CALCULATED
CHECKED

SW-MOWING-FY2013

LOCATION MAP 3

DESCRIPTION

THIS WORK SHALL CONSIST OF CONTROLLING VEGETATIVE GROWTH WITHIN THE RIGHT- OF-WAY BY MULTIPLE MOWINGS IN ACCORDANCE WITH THESE SPECIFICATIONS AT LOCATIONS SHOWN ON THE PLANS. MINOR DEVIATIONS FROM THE PLAN LINES AND QUANTITIES SHALL NOT EXCEED 5% AT THE DIRECTION OF THE ENGINEER.

EQUIPMENT

CUTTING BLADES SHALL BE KEPT SHARP AT ALL TIMES AND EQUIPMENT PROPERLY MAINTAINED TO PRODUCE CLEAN CUTS ON ALL VEGETATION. ALL EQUIPMENT SHALL MEET THE APPROVAL OF THE ENGINEER PRIOR TO STARTING WORK.

EQUIPMENT SHALL HAVE THE APPROPRIATE SAFETY SHIELDS AND SKIRTS IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATION AND INDUSTRY STANDARDS.

GENERAL

THE CONTRACTOR SHALL SUBMIT A MOWING SCHEDULE IN ADVANCE TO THE PROJECT ENGINEER TO ENSURE THE ABOVE REQUIREMENTS ARE MET. ANY SCHEDULING PROBLEMS ARE TO BE RESOLVED BY THE PROJECT ENGINEER.

THE MOWING LIMITS WILL BE AS SHOWN ON THE PLAN. ANY OBJECT MOVABLE BY HAND WHICH INTERFERES WITH THE MOWING OPERATION SHALL BE REMOVED FROM THE MOWERS PATH BY THE CONTRACTOR. THE WORK SHALL CONSIST OF FOUR (4) MOWINGS WITH MOWBACKS ON THE 2ND AND 4TH CUTS IN RURAL AREAS AND (5) FIVE MOWINGS WITH MOWBACKS ON ALL CUTS IN URBAN AREAS AS SPECIFIED IN THE PLAN.

ALL WORK SHALL BE PERFORMED ONLY IN THE PERIOD FROM ONE HALF HOUR FOLLOWING SUNRISE (OFFICIAL TIME) TO ONE HALF HOUR BEFORE SUNSET (OFFICIAL TIME).

NO WORK SHALL BE PERFORMED ON SUNDAY OR LEGAL HOLIDAYS UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER. NO WORK SHALL BE PERFORMED WHEN RAIN, FOG OR OTHER WEATHER CONDITIONS WOULD CREATE A SAFETY HAZARD.

AREAS TO BE MOWED SHALL BE SUFFICIENTLY DRY AS NOT TO CAUSE RUTTING OR OTHER DAMAGE.

ALL MOWING ALONG THE PAVEMENT EDGE INCLUDING IN FRONT OF THE GUARDRAIL SHALL BE PERFORMED WITH THE EQUIPMENT MOVING IN THE DIRECTION OF TRAFFIC FLOW.

THE HEIGHT OF VEGETATION SHALL BE 6 INCHES AFTER MOWING. ANY TRIMMING WORK REQUIRING POWER OR HAND EQUIPMENT SHALL BE DONE SIMULTANEOUSLY WITH EACH MOWING AND SHALL NOT LAG BEHIND OR LEAD THE TRACTOR MOWING BY MORE THAN (2) TWO WORKING DAYS.

AREAS WITHIN THE DESCRIBED MOWING LIMITS WHERE A DESIRABLE NATURAL GROWTH OR PLANTING EXISTS WILL BE IDENTIFIED BY THE ENGINEER, AND THE CONTRACTOR SHALL MOW ONLY TO THE LINE OF SUCH GROWTH OR PLANTING OR AROUND SUCH PLANTING IN THE CASE OF A TREE, TAKING CARE NOT TO DAMAGE THE TREE OR PLANTING.

IT SHOULD ALSO BE EMPHASIZED THAT DURING THE IMPLEMENTATION OF THIS CONTRACT, A NUMBER OF CONTRACTORS AND/OR ODOT FORCES MAY BE LANDSCAPING OR WORKING IN CONSTRUCTION ZONES AT VARIOUS LOCATIONS AT THE SAME TIME MOWING OPERATIONS MAY BE OCCURRING. SPECIFIC ATTENTION IS DIRECTED TO C.M.S. 105.08, COOPERATION BETWEEN

CONTRACTORS. IF THE CONTRACTOR COMES UPON A WORK ZONE THAT HAS PERMANENT LANE CLOSURES AND LIMITED ACCESS TO THE AREAS NEEDED TO BE MOWED, THE PROJECT ENGINEER SHALL BE NOTIFIED AND ARRANGEMENTS SHALL BE MADE, IF POSSIBLE, TO ENTER THE ZONE TO PERFORM MOWING OPERATIONS.

THE CONTRACTOR SHALL BE FURNISHED IN WRITING, BY THE ENGINEER, A LIST OF ANY DAMAGE RESULTING FROM HIS OPERATION WHICH REQUIRES REPAIR OR REPLACEMENT AT HIS EXPENSE. THIS WORK SHALL BE DONE WITHIN THE DATES SPECIFIED FOR MOWING OR AS DIRECTED BY THE ENGINEER.

SHOULD TREES, SHRUBS, PLANTINGS, CATCH BASIN COVERS, DELINEATORS OR ANY ROADSIDE INSTALLATIONS BECOME DAMAGED IN ANY WAY AS A RESULT OF MOWING OPERATIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE THE DAMAGED PLANTING/INSTALLATION AS DIRECTED BY THE ENGINEER.

FREEWAY REFERENCE MARKERS HAVE BEEN ERECTED THROUGHOUT THE STATE ALONG THE INTERSTATES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE OR REPAIR ANY REFERENCE MARKER INSTALLATION THAT IS DAMAGED AS DIRECTED BY THE ENGINEER DUE TO MOWING OPERATIONS.

GRASS AREAS WHERE GUARDRAIL IS IN CLOSE PROXIMITY TO THE FENCE LINE OR NOISE WALLS, PARTICULARLY ALONG MARGINAL ROADS, MUST BE CUT. ANY EXCEPTIONS ARE TO BE APPROVED BY THE ENGINEER.

THERE ARE VARIOUS NOISE BARRIER WALL INSTALLATIONS AT VARIOUS LOCATIONS WITHIN THE LIMITS OF THIS CONTRACT. IN GENERAL, MOWING LIMITS SHALL BE CONSISTENT WITH THAT DESCRIBED UNDER THE "SCOPE OF WORK" NOTES AND IN THE TYPICAL SECTIONS DEPICTING NOISE BARRIER WALLS REGARDLESS OF THEIR LOCATION. NOISE BARRIER WALL PLANS ARE AVAILABLE AT THE OHIO DEPARTMENT OF TRANSPORTATION DISTRICT OFFICES.

TRIMMED AREAS SHALL INCLUDE BUT NOT BE LIMITED TO GUARDRAIL, DELINEATOR POSTS, NOISE WALLS, TRAFFIC CONTROL DEVICES, AND CONSTRUCTION DEVICES.

IF THE MOWING OPERATIONS ENTER AN AREA WHERE THERE ARE ANY TYPE OF CONSTRUCTION OR SURVEY STAKES IN PLACE THE CONTRACTOR SHALL TRIM AROUND EACH ONE AND TAKE CARE AS TO NOT DAMAGE OR MOW OVER THEM. IF THIS OCCURS, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND TAKE IMMEDIATE ACTION TO RE-ESTABLISH THE DAMAGED STAKES LOCATION.

IN ADDITION TO TYPICAL MOWING OPERATIONS, THE FOURTH (4TH) CUT OF RURAL AREAS AND THE FIFTH (5TH) CUT IN URBAN AREAS SHALL ALSO INCLUDE THE CUTTING OF CATTAILS AND WILD FLOWER PLOTS IN ALL ACCESSIBLE AREAS. THIS OPERATION SHALL BE CONSIDERED AS INCIDENTAL TO TYPICAL MOWING OPERATIONS. UTILIZATION OF BOOM MOWERS IS SUGGESTED BUT NOT REQUIRED.

SCOPE OF WORK

MOWING SHALL BE AS FOLLOWS:

1. MOWING OPERATIONS SHALL BEGIN AT THE EDGE OF GROWTH NEAREST TO THE PAVED SHOULDER EDGE AND CONTINUE THROUGH THE DITCHES IN FLAT SECTIONS AND CUT OR FILL SECTIONS WITH SLOPES OF 3 TO 1 OR LESS. MOWING SHALL EXTEND A MINIMUM OF 20' FROM THE PAVED SHOULDER EDGE UNLESS OTHERWISE RESTRICTED BY THE RIGHT-OF-WAY LIMITS OR THE DITCH BACK SLOPE LIMITS (SEE TYPICALS 1 AND 2). MOWERS SHALL STRADDLE DITCHES AND SWALES. WHEELS OF TRACTORS SHALL NOT BE OPERATED IN DITCH OR SWALE BOTTOMS.
2. MOWBACK OPERATIONS SHALL BEGIN AT THE EDGE OF GROWTH NEAREST TO THE PAVED SHOULDER EDGE AND CONTINUE TO A MAXIMUM OF THE R/W LINE, THROUGH THE DITCHES IN FLAT SECTIONS AND CUT OR FILL SECTIONS WITH SLOPES OF 3:1 OR LESS. MOWING SHALL EXTEND TO THE R/W LINE FROM THE PAVED SHOULDER EDGE UNLESS OTHERWISE RESTRICTED BY THE DITCH BACK SLOPE LIMITS (SEE TYPICAL 1). MOWER SHALL STRADDLE DITCHES. WHEELS OF TRACTOR SHALL NOT BE OPERATED IN DITCH BOTTOMS.
3. MOWING SHALL EXTEND A MINIMUM OF 3 FEET BEYOND THE BREAK OF THE SLOPE OF THE SHOULDER OR FILL SECTIONS (WITH OR WITHOUT GUARDRAIL) HAVING SLOPES STEEPER THAN 3:1.
4. NO MOWING IS REQUIRED ON SLOPES STEEPER THAN 3:1, EXCEPT AS NOTED IN ITEMS 1 & 2.
5. VEGETATION SHALL BE CUT IN FRONT OF, UNDER, AND BEHIND THE GUARDRAIL AND CABLE RAIL TO THE LIMITS SPECIFIED IN ITEMS 1-3. TRIMMING BY MACHINE OR HAND METHODS SHALL BE PERFORMED AS NECESSARY AROUND ALL SIGN POSTS, GUARDRAIL POSTS, CABLE RAIL POSTS, DELINEATOR POSTS, LIGHT POLE/SIGN SUPPORT FOUNDATIONS, TELEPHONE POLES, TREES IN LANDSCAPED AREAS AND OTHER OBSTRUCTIONS WITHIN THE MOWING LIMITS SO AS TO PRODUCE A UNIFORM CUT OF VEGETATION. NO HERBICIDAL SPRAYING SHALL BE PERMITTED TO ACCOMPLISH THIS WORK.
6. ALL INTERCHANGE RAMP SHOULDERS SHALL BE MOWED TO THE INTERSECTING ROUTE. WHEN AT-GRADE INTERSECTIONS ARE ENCOUNTERED MOWING SHALL CONTINUE AT A MINIMUM WIDTH OF 15 FEET OR AS DIRECTED BY THE ENGINEER ALONG EACH SIDE OF THE INTERSECTING ROUTE TO THE R/W LIMITS OF THE ROUTE BEING MOWED.
7. IF THE FOLLOWING AREAS OCCUR WITHIN THE PROJECT:
 - A. TRUCK WEIGH STATIONS...SHALL BE MOWED IN THEIR ENTIRETY.
 - B. ROAD SIDE REST AREAS...MOW 20' FROM THE PAVED SHOULDER EDGE THROUGH THE SECTION OF REST AREA OFF MAINLINE. NO MOWING WILL BE REQUIRED WITHIN THE REST AREA BEYOND THE RAMP GORES.
8. MEDIAN MOWING: MEDIANS SHALL BE MOWED THEIR FULL WIDTH EXCEPT THOSE NOTED ON DATA SHEETS WITH "BARRIER". MEDIAN WIDTHS AS NOTED ON ANY DATA SHEETS MAY VARY SLIGHTLY DUE TO THE CHANGING GEOMETRIC CHARACTERISTICS OF THE HIGHWAY.
9. THE CONTRACTOR SHALL NOT MOW AREAS CONTAINING PLANTINGS OF CROWN VETCH, HAIRY VETCH, OR WILDFLOWERS UNLESS OTHERWISE NOTED.
10. UNLESS LOCATED IN LIMITS SPECIFIED IN ITEMS 1 AND 2, CATTAILS, WEEDS, GRASS OR VEGETATIVE GROWTH OF ANY KIND IN ACCESSIBLE DRAINAGE DITCHES WITHIN THE PROJECT LIMITS SHALL BE CUT AS PART OF THE REGULAR MOWING OPERATIONS ONLY ON THE SECOND (2ND) AND FOURTH (4TH) CUT IN RURAL AREAS AND THE SECOND (2ND) AND FIFTH (5TH) CUT IN URBAN AREAS.

GROWTH SHALL BE SIX (6) INCHES AFTER MOWING. MOWING SHALL EXTEND A MINIMUM OF THREE (3) FEET ON THE UPSLOPE OF DRAINAGE DITCHES. TRACTOR WHEELS SHALL NOT BE OPERATED IN DITCH BOTTOMS. TO AVOID DAMAGE TO DRAINAGE DITCHES, IT IS RECOMMENDED THAT THE CONTRACTOR USE A BOOM TYPE MOWER TO PERFORM THIS TYPE OF WORK TO THE SATISFACTION OF THE ENGINEER. ALTHOUGH IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE EQUIPMENT NECESSARY TO PERFORM THIS WORK, A BOOM MOWER WITH A REACH OF 24 FT. +/- (OR SIMILAR) MAY BE NEEDED IN SOME AREAS.

11. AT THE COMPLETION OF EACH OF THE FOUR (4) CUTS IN RURAL AREAS AND FIVE (5) CUTS IN URBAN AREAS THE CONTRACTOR SHALL MEET WITH THE PROJECT ENGINEER TO PREPARE A DETAILED LIST OF ANY DAMAGE CAUSED BY MOWING OPERATIONS. LABOR AND MATERIALS FOR ANY REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND DONE IN A TIMELY MATTER.

REPAIR WORK FOR DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATION SHALL BE DONE PRIOR TO THE BEGINNING OF THE SUBSEQUENT CUT UNLESS THE CONTRACTOR HAS WRITTEN PERMISSION FROM THE ENGINEER TO PERFORM IT AT A LATER DATE.

12. THE CONTRACTOR SHALL NOT STAGE MOWING EQUIPMENT OF ANY KIND AT ODOT MAINTENANCE FACILITIES OR OUTPOSTS. IF A STAGING OR STORAGE AREA IS NECESSARY THE CONTRACTOR SHALL GET THE APPROVAL OF THE PROJECT ENGINEER PRIOR TO STORING EQUIPMENT.

13. THE CONTRACTOR SHALL GIVE A MINIMUM NOTICE OF SEVEN (7) DAYS TO THE PROJECT ENGINEER PRIOR TO MOBILIZING FOR THE 2ND, 3RD AND 4TH CUTS IN RURAL AREAS AND FOR THE 2ND, 3RD, 4TH AND 5TH CUTS IN URBAN AREAS. THE CONTRACTOR SHALL NOT MOBILIZE FOR THESE CUTS LISTED WITHOUT THE APPROVAL OF THE ENGINEER.

METHOD OF MEASUREMENT

MOWING MEASUREMENT SHALL BE COMPUTED AS ACRES MOWN AS SHOWN IN THE PLANS.

BASIS OF PAYMENT

NO PARTIAL PAYMENT WILL BE MADE FOR AREAS WHICH HAVE BEEN MOWED BUT NOT TRIMMED TO THE SATISFACTION OF THE ENGINEER. PAYMENT WILL BE MADE FOR ACCEPTED ACRES OF MOWING BASED ON PLAN ACRES AT THE CONTRACT UNIT PRICE.

THIS PROJECT WILL NOT BE CONSIDERED COMPLETE AND FINAL PAYMENT WILL NOT OCCUR UNTIL ANY AND ALL DAMAGED TREES, SHRUBS, PLANTINGS, DELINEATORS, ETC. ARE REPLACED TO THE SATISFACTION OF THE ENGINEER.

THE DEPARTMENT WILL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE CONTRACTORS EQUIPMENT OR TRAVELLING PUBLIC DUE TO OBSTACLES, STONES, SAND, BOTTLES, OR OTHER DEBRIS THAT MAY BE ENCOUNTERED WHILE DOING THE WORK AND NO ADDITIONAL COMPENSATION WILL BE MADE. ANY COSTS RESULTING SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM OF WORK AND INCLUDED IN THE CONTRACT UNIT PRICE.

ITEM	UNIT	DESCRIPTION
SPEC	ACRE	FIRST MOWING
SPEC	ACRE	SECOND MOWING
SPEC	ACRE	THIRD MOWING
SPEC	ACRE	FOURTH MOWING
SPEC	ACRE	FIFTH MOWING

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SW-MOWING-FY2013

GENERAL NOTES

CONTRACTORS RESPONSIBILITIES

SPECIFIC ATTENTION IS DIRECTED TO THE 100 SERIES OF SPECIFICATIONS IN THE DEPARTMENTS "CONSTRUCTION AND MATERIAL SPECIFICATIONS" AND IN PARTICULAR TO THE FOLLOWING SECTIONS:

- 102.05 EXAMINATION OF BID DOCUMENTS AND SITE OF WORK
- 105.08 COOPERATION BETWEEN CONTRACTORS
- 107.07 PUBLIC CONVENIENCE AND SAFETY
- 107.10 PROTECTION AND RESTORATION OF PROPERTY
- 107.12 RESPONSIBILITY FOR DAMAGE CLAIMS AND LIABILITY INSURANCE
- 107.18 NO WAIVER OF LEGAL RIGHTS
- 108.00 PROSECUTION AND PROGRESS

VERIFICATION OF RIGHT OF WAY

A NUMBER OF LANDSCAPING OR NOISE BARRIER WALL PROJECTS ARE EITHER IN THE PLANNING PHASE, CURRENTLY UNDER CONSTRUCTION, OR MAY HAVE RECENTLY BEEN COMPLETED. IN ADDITION TO THIS, A NUMBER OF LANDSCAPING CONTRACTS MAY BE SOLD AND CONSTRUCTED DURING THE IMPLEMENTATION OF THIS MOWING CONTRACT. INSPECTION OF EXISTING CONDITIONS AS WELL AS PROPOSED LANDSCAPING IS SUGGESTED. THE CONTRACTOR IS REFERRED TO C.M.S. 102.05.

PARTICULAR ATTENTION SHOULD BE BROUGHT TO THESE AREAS WHERE SIGNIFICANT LANDSCAPING HAS OCCURRED. CONSIDERABLE TRIMMING AROUND THESE TREES, SHRUBS, PLANTINGS, ETC. WILL BE REQUIRED. THE CONTRACTOR SHALL BE CAPABLE OF PROVIDING THE MACHINERY, EQUIPMENT AND/OR LABOR AS NECESSARY TO MOW AND TRIM AROUND, BETWEEN AND BEYOND THESE TREES, SHRUBS, ETC. IN PARTICULAR, AS WELL AS AT ALL OTHER LANDSCAPING LOCATIONS. INSPECTION OF WORK LOCATIONS PRIOR TO BIDDING IS SUGGESTED.

MOWING SCHEDULE 2013

	STARTING DATE	INTERIM COMPLETION DATE
FIRST MOWING	APRIL 23	MAY 21
SECOND MOWING	MAY 28	JUNE 25
THIRD MOWING*	JULY 2*	JULY 30*
FOURTH MOWING	AUGUST 13	SEPTEMBER 10
FIFTH MOWING	OCTOBER 1	OCTOBER 29

THESE ARE THE ACTUAL STARTING AND INTERIM COMPLETION DATES. MOWING OPERATIONS SHALL NOT COMMENCE WITHOUT THE APPROVAL OF THE PROJECT ENGINEER. IF EXTREME WEATHER CONDITIONS ARISE, SUCH AS SEVERE DROUGHT OR A VERY LATE WINTER/WET SPRING, ONLY THE PROJECT ENGINEER HAS THE AUTHORITY TO DELAY THE STARTING DATE OF ANY CUT AND WILL DO SO IF NECESSARY. IF WEATHER AND GRASS GROWTH IS NORMAL, THESE DATES WILL NOT CHANGE. THE ENGINEER SHALL RESCHEDULE ANY MOWING(S) IF EXTREME WEATHER CONDITIONS ARE DETERMINED. LIQUIDATED DAMAGES SHALL BE ASSESSED IN ACCORDANCE WITH CMS SECTION 108.07 FOR EACH CALENDAR DAY PAST THE INTERIM COMPLETION DATE THAT THE MOWING IS NOT COMPLETE.

* IF A 4 MOWING SCHEDULE IS BEING FOLLOWED (RURAL) THEN SKIP THIS MOWING.

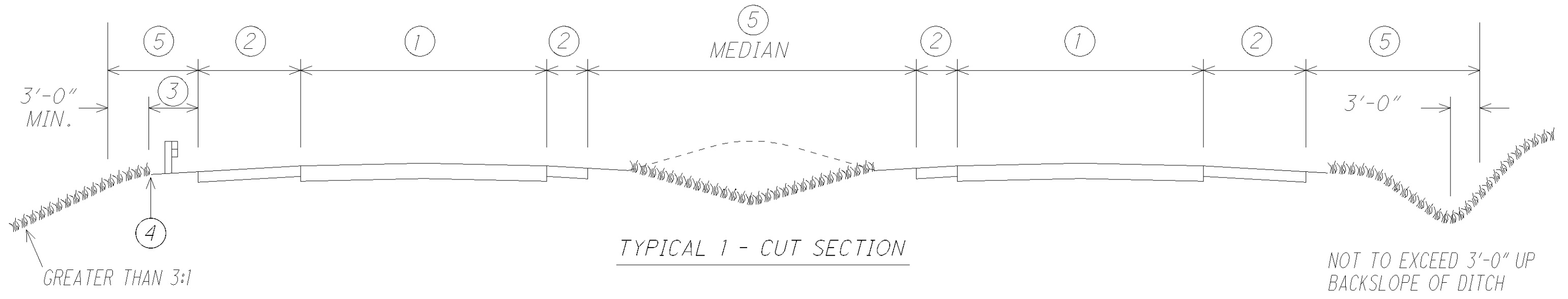
MAINTENANCE OF TRAFFIC

MAINTENANCE OF TRAFFIC SHALL BE AS PER C.M.S. 614. IN ADDITION, A 48 INCH W21-8 "MOWING AHEAD" SIGN SHALL BE LOCATED ON THE SHOULDER A MINIMUM DISTANCE OF FIVE HUNDRED FEET IN ADVANCE OF THE MOWING OPERATION. BUT, THE DISTANCE BETWEEN THE "MOWING AHEAD" SIGN AND THE MOWING OPERATION SHALL NOT EXCEED TWO MILES. THE SIGN SHALL BE PLACED ON BOTH SHOULDERS OF THE ROADWAY IN THE DIRECTION OF THE MOWING OPERATION. MULTIPLE SETS OF SIGNS MAY BE USED IF THE CONTRACTOR ANTICIPATES MOWING AREAS GREATER THAN 2 MILES PER DAY. THE SPACING BETWEEN SIGNS MAY BE ADJUSTED BY THE ENGINEER BUT SHALL NOT BE GREATER THAN 2 MILES. ANY SIGNS USED SHALL MEET THE REQUIREMENTS OF NCHRP 350 AND SHOULD BE APPROVED BY THE ENGINEER.

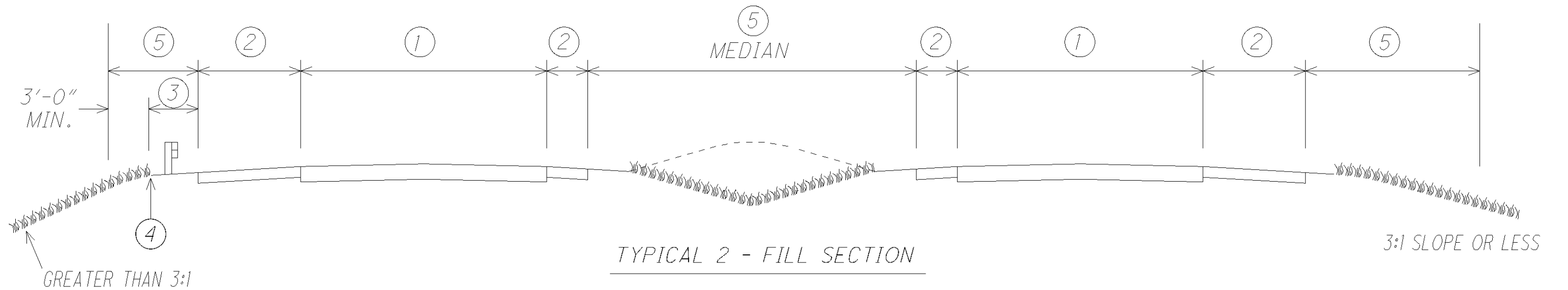
ALL MOWING TRACTORS SHALL BE EQUIPPED WITH AMBER FLASHING LIGHTS. FLASHERS SHALL BE VISIBLE TO ONCOMING AND OVERTAKING HIGHWAY TRAFFIC. FLASHERS WILL HAVE A MINIMUM OF 32 CP OUTPUT AND FLASH 50 TO 60 TIMES PER MINUTE.

ALL EQUIPMENT AND VEHICLES NOT IN USE, IF STORED ON THE HIGHWAY RIGHT OF WAY, SHALL BE A MINIMUM OF THIRTY (30) FEET FROM THE TRAVELED PAVEMENT OR 6' BEHIND THE GUARDRAIL.

THE CONTRACTOR SHALL FURNISH SAFETY VESTS TO ALL WORKERS WHILE WORKING IN THE RIGHT-OF-WAY LIMITS.



TYPICAL 1 - CUT SECTION

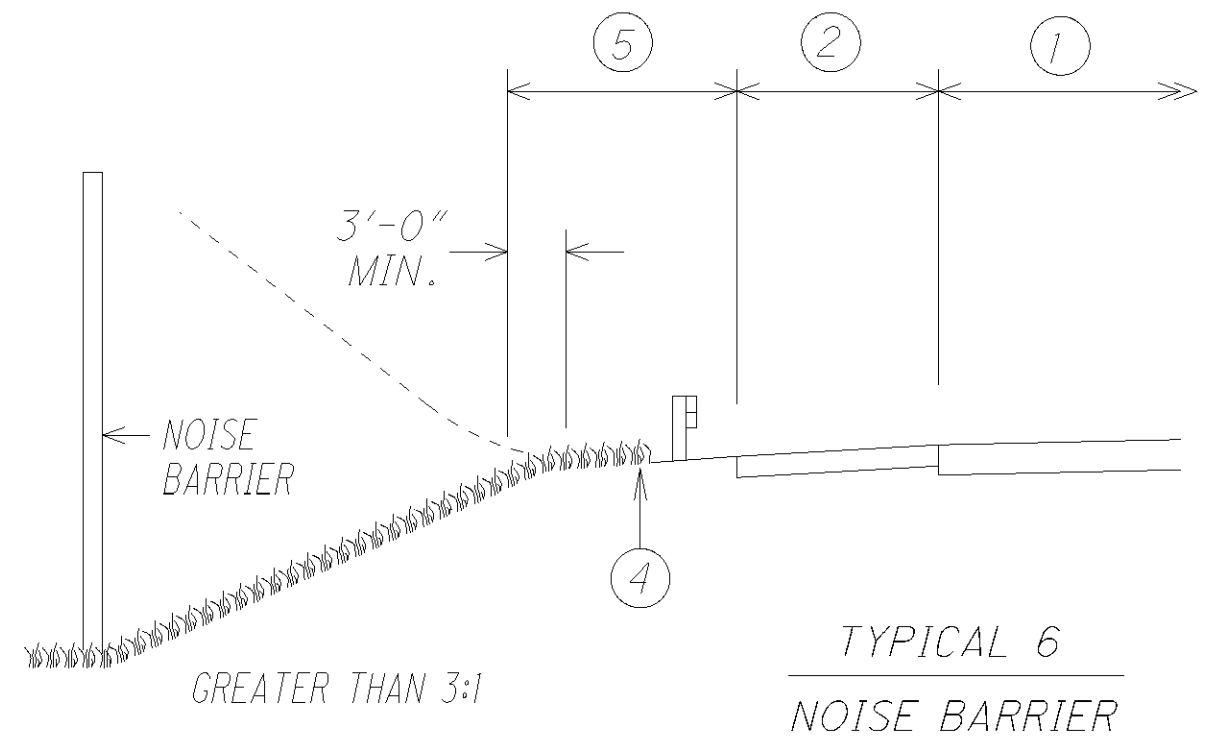
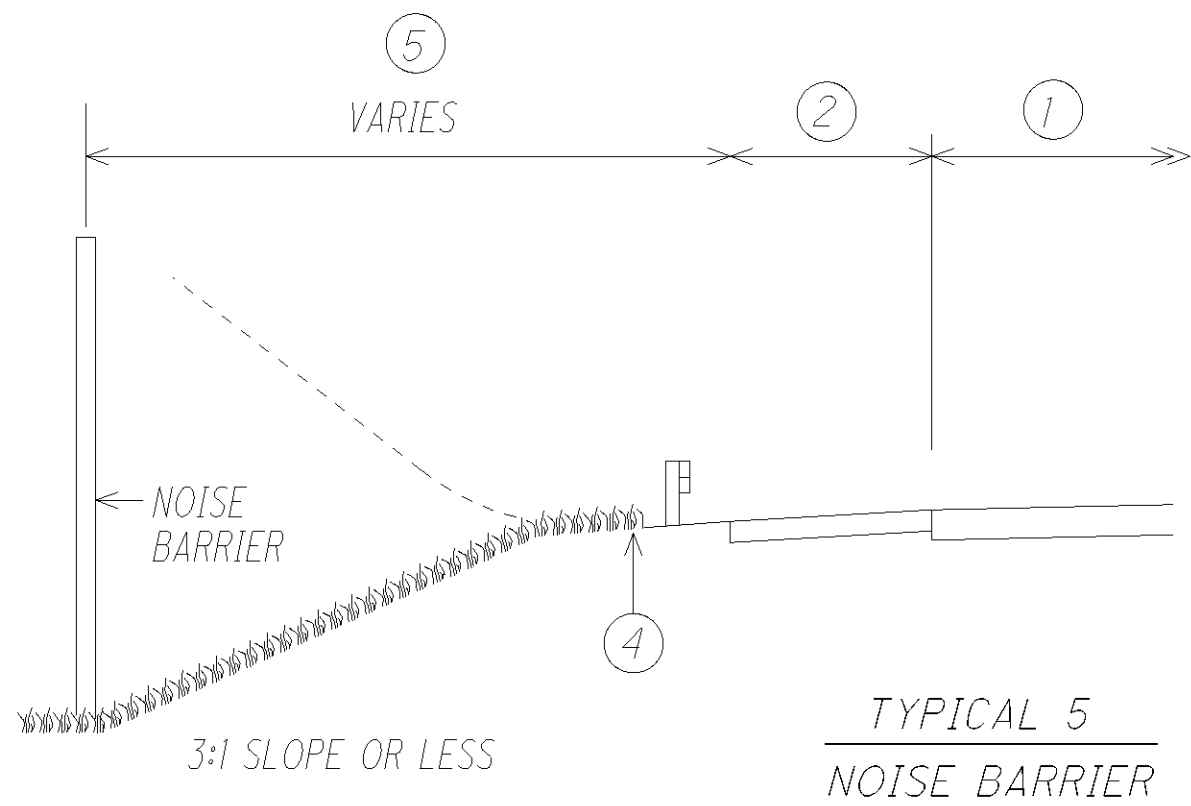
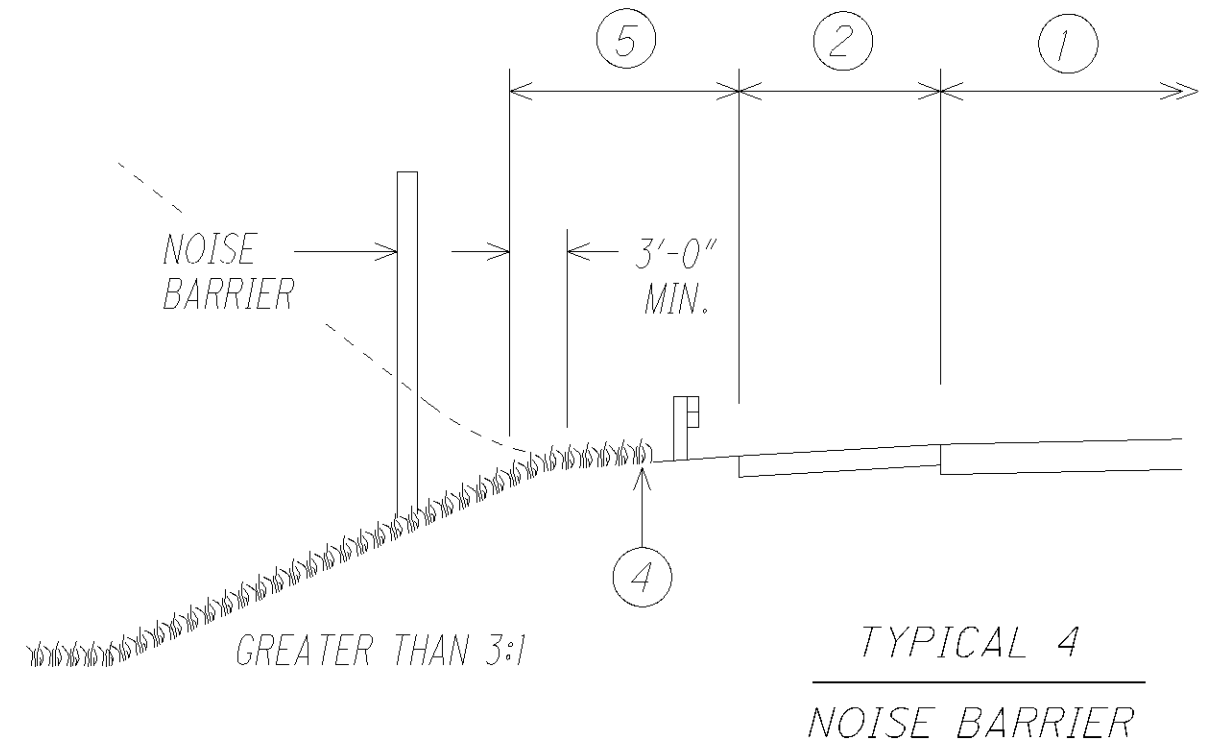
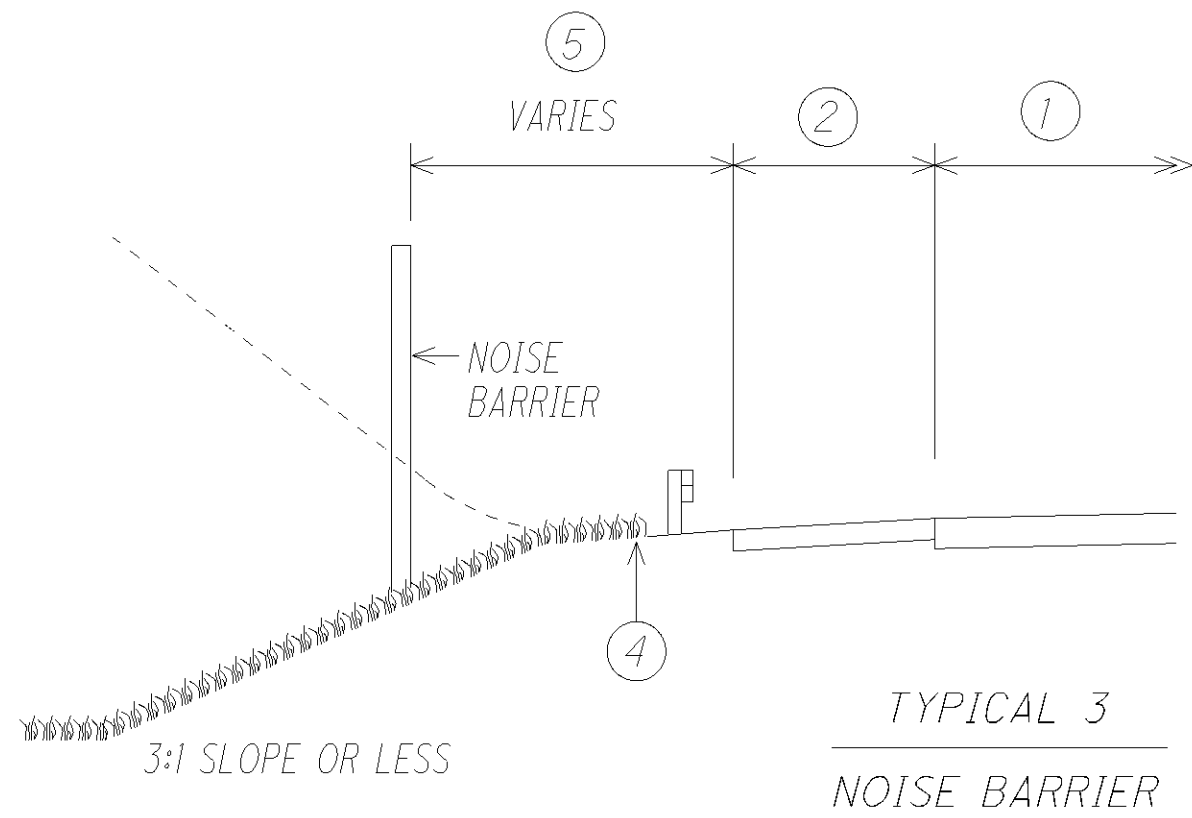


TYPICAL 2 - FILL SECTION

LEGEND

- ① PAVEMENT
- ② PAVED SHOULDERS
- ③ EARTH SHOULDERS
- ④ BREAK BETWEEN EARTH SHOULDER AND FORE SLOPE
- ⑤ TO BE MOWED
- R/W - RIGHT OF WAY FENCE LINE

FOR LEGEND SEE SHEET 8.



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TYPICAL SECTIONS

FOR INFORMATION ONLY

* NOISE WALLS LOCATED WITHIN SECTION LIMITS

PART	COUNTY	ROUTE	START LOG POINT	END LOG POINT	LINEAL MILES	RAMP MILES	INTERSECTING ROUTE	MEDIAN WIDTH (FT.)	TOTAL ACRES FOR MOWING	TOTAL ACRES FOR MOWBACK	REMARKS	
1	BUTLER	IR-75	0.00	1.77	1.77	0.71	UNION CENTRE BLVD.	137		63	BUTLER/HAMILTON CO. LINE TO UNION CEN. INTERCHANGE	
			1.77	3.76	1.99*	0.83	CINCINNATI DAYTON ROAD	137		52		
			3.76	5.35	1.59*	0.60	TYLERSVILLE ROAD	137		43		
			5.35	6.72	1.37*	1.23	SR-129/LIBERTY WAY	137		65		
			6.72	11.25	4.53*			BARRIER		53	BUTLER/WARREN CO. LINE	
1	BUTLER	IR-75	TOTAL		11.25	3.37				276		
2	BUTLER	SR-129	15.89	17.83	1.94*	0.86	SR-4 BYPASS	BARRIER		50	CITY OF HAMILTON CORP. LINE TO SR4B INTERCHANGE	
			17.83	20.62	2.79*	0.87	SR-747	60		83		
			20.62	24.56	3.94*	0.93	CINCINNATI DAYTON ROAD	60		111		
			24.56	25.53	0.97		IR-75	BARRIER		11	CIN/DAY RD. INTERCHANGE TO END OF ROUTE	
2	BUTLER	SR-129	TOTAL		9.64	2.66				255		
3	BUTLER	US-27	0.00	0.8	0.8	0.6	SR-128	44		20	BUTLER/HAMILTON COUNTY LINE	
			0.8	1.25	0.45			44		6	END OF 4 LANE SECTION	
3	BUTLER	US-27	TOTAL		1.25					26		
4	CHAMPAIGN	US-68	0.00	2.1	2.1	XX	DALLAS ROAD	VARIABLES	13	35	CHAMPAIGN/CLARK COUNTY LINE	
4	CHAMPAIGN	US-68	TOTAL		2.1	0			13	35		
5	CLARK	IR-70	0	0.51	0.51	0.38				6	8	CLARK/MONTGOMERY COUNTY LINE TO END OF RAMPS
			0.51	3.1	2.59	2.24	IR-675/SPANGLER ROAD	BARRIER	49	65		
			3.10	6.07	2.97	1.41	SR-4	BARRIER	64	80		
			6.07	6.57	0.5	0.36	ENON ROAD	BARRIER	0	0		
			6.57	11.01	4.44	1.88	US-68	60	74	109		
			11.01	13.25	2.24	0.94	SR-72	60	38	48		
			13.25	18.14	4.89	0.7	SR-41	60	73	108		
			18.14	20.8	2.66	1.03	US-40	60	44	73		
			20.80	25.11	4.31	0.66	SR-54	60	57	92		
25.11	29.25	4.14			40	43	69	CLARK/MADISON COUNTY LINE				
5	CLARK	IR-70	TOTAL		29.25	9.6			448	652		

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MOWING SUB-SUMMARY

FOR INFORMATION ONLY

* NOISE WALLS LOCATED WITHIN SECTION LIMITS

PART	COUNTY	ROUTE	START LOG POINT	END LOG POINT	LINEAL MILES	RAMP MILES	INTERSECTING ROUTE	MEDIAN WIDTH (FT.)	TOTAL ACRES FOR MOWING	TOTAL ACRES FOR MOWBACK	REMARKS
6	CLARK	IR-675	0.00	0.99	0.99		SPANGLER ROAD	75	11	18	CLARK/GREENE CO. LINE TO BEGIN SPANGLER ROAD
6	CLARK	IR-675	TOTAL		0.99				11	18	
7	CLARK	SPANGLER RD	0	0.5	0.5		IR-70	75	4	4	END OF IR-675 TO IR-70
			0.50	0.71	0.21			75	2	3	IR-70 TO END OF DIVIDED ROADWAY
7	CLARK	SPANGLER RD	TOTAL		0.71				6	7	
8	CLARK	SR-4	5.55	6.91	1.36	0.52	ENON ROAD	60	9	13	END OVERLAP WITH IR-70 TO ENON ROAD
			6.91	8.59	1.68	0.47	SR-369	60	28	49	
			8.59	11.3	2.71	0.49	LOWER VALLEY PIKE	60	25	32	LOWER VALLEY PIKE TO BEGIN OVERLAP WITH US-40
8	CLARK	SR-4	TOTAL		5.75	1.48			62	94	
9	CLARK	US-68	4.51	5.35	0.84	0.67	IR-70	52	12	19	BEGIN DIVIDED ROADWAY TO IR-70
			5.35	7.42	2.07	1.67	SR-4/US-40	40	39	48	
			7.42	8.89	1.47	0.78	SR-41	32	32	45	
			8.89	12.39	3.5	0.98	SR-334	37	56	80	
			12.39	15.18	2.79	0.53	COUNTY LINE ROAD	60	44	68	END AT CLARK/CHAMPAIGN CO. LINE
9	CLARK	US-68	TOTAL		10.67	10.67			183	260	
10	CLERMONT	IR-275	0.00	1.28	1.28	0.79	WARDS CORNER ROAD	44		32	CLERMONT/HAMILTON CO. LINE TO WARDS CORNER
			1.28	4.29	3.01	1.24	SR-28	44		59	
			4.29	6.18	1.89	1.95	SR-450	40		76	
			6.18	10.4	4.22*	2.13	SR-32	36		104	
			10.40	12.89	2.49*	1.42	SR-125	32		67	
			12.89	13.88	0.99			32		9	CLERMONT/HAMILTON CO. LINE
10	CLERMONT	IR-275	TOTAL		13.88	7.53				347	
11	CLERMONT	SR-32	0.00	1.48	1.48		IR-275	30		16	CLERMONT/HAMILTON CO. LINE TO IR-275 INTERCHANGE
			1.48	2.05	0.57	0.77	EASTGATE BLVD.	30		19	
			2.05	4.98	2.93	0.64	OLIVE BRANCH-STONELICK RD	30		38	
			4.98	6.84	1.86	0.46	CR-171	VARIES		17	
			6.84	7.34	0.5	0.50	SR-132	BARRIER		9	
			7.34	10.58	3.24	0.59	BATAVIA RD	50		57	
			10.58	12.14	1.56	0.68	HALF ACRE ROAD	50		45	
			12.14	13.95	1.81	0.67	SR-133	50		45	
			13.95	16.44	2.49			50		38	CLERMONT/BROWN CO. LINE
11	CLERMONT	SR-32	TOTAL		16.44	4.31				284	

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MOWING SUB-SUMMARY

FOR INFORMATION ONLY

* NOISE WALLS LOCATED WITHIN SECTION LIMITS

PART	COUNTY	ROUTE	START LOG POINT	END LOG POINT	LINEAL MILES	RAMP MILES	INTERSECTING ROUTE	MEDIAN WIDTH (FT.)	TOTAL ACRES FOR MOWING	TOTAL ACRES FOR MOWBACK	REMARKS
12	CLERMONT	SR-450	0	0.32	0.32		IR-275	32		SEE IR-275	BEGIN AT SR-450/IR-275 RAMPS WEST OF INTERCHANGE
			0.32	1.06	0.74		US-50	32		10	END AT US-50
12	CLERMONT	SR-450	TOTAL		1.06					10	
13	CLERMONT	US-52	0	2.69	2.69			32	23	27	CLERMONT/HAMILTON CO. LINE TO NEW RICHMOND CORP.
13	CLERMONT	US-52	TOTAL		2.69				23	27	
14	CLINTON	IR-71	0	2.95	2.95	0.67	SR-73	75	46	93	CLINTON/WARREN CO. LINE TO SR-73 INTERCHANGE
			2.95	8.58	5.63	0.73	US-68	75	94	158	
			8.58	15.39	6.81			75	105	174	CLINTON/GREENE CO. LINE
14	CLINTON	IR-71	TOTAL		15.39	1.40			245	425	
15	FAYETTE	US-35	0	2.04	2.04		SR-435	48	35	62	FAYETTE/GREENE CO. LINE TO SR-435 INTERSECTION
	FAYETTE	US-35	2.04	4.37	2.33		SR-435	48	36	67	END AT SR-435 INTERSECTION
15	FAYETTE	US-35	TOTAL		4.37				71	129	
16	GREENE	IR-71	0	0.46	0.46	0.64	SR-72	75	13	28	GREENE/CLINTON CO. LINE TO SR-72 INTERCHANGE
			0.46	4.01	3.55			75	47	76	SR-72 INTERCHANGE TO GREENE/FAYETTE CO. LINE
16	GREENE	IR-71	TOTAL		4.01	0.64			60	104	
17	GREENE	IR-675	0.00	0.35	0.35	0.49	WILMINGTON PIKE	40		10	GREENE/MONTGOMERY CO. LINE TO END OF WIL. RAMPS
			0.35	3.1	2.75*	1.17	INDIAN RIPPLE ROAD	40		64	
			3.1	5.91	2.81*	2.73	US-35	40		91	
			5.91	8.22	2.31	0.80	SKYLINE (WPAF BASE)	40		46	
			8.22	8.95	0.73*	0.39	GRANGE HALL ROAD	40		18	
			8.95	10.25	1.3	0.67	SR-844	60		36	
			10.25	10.34	0.09	0.76	NORTH FAIRFIELD ROAD	76		20	
			10.34	13.12	2.78	1	DAYTON YELLOW SPRINGS RD	76		71	
			13.12	15.42	2.3	1.07	SR-235	76		77	
			15.42	17.69	2.27	0.65	SR-444	76		45	GREENE/CLARK CO. LINE
17	GREENE	IR-675	TOTAL		17.69	9.73				478	

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MOWING SUB-SUMMARY

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PART	COUNTY	ROUTE	START LOG POINT	END LOG POINT	LINEAL MILES	RAMP MILES	INTERSECTING ROUTE	MEDIAN WIDTH (FT.)	TOTAL ACRES FOR MOWING	TOTAL ACRES FOR MOWBACK	REMARKS
18	GREENE	SR-4	0.00	3.06	3.06			60		29	GREENE/MONTOMERY TO GREENE/MONTGOMERY CO. LINE
18	GREENE	SR-4	TOTAL		3.06					29	
19	GREENE	SR-444	0.00	0.16	0.16		SPRINGFIELD STREET	60		3	GREENE/MONTGOMERY CO. LINE
			0.16	2.69	2.53	0.42	SR-844	60		32	
			2.69	4.68	1.99			52		26	ENTER CITY OF FAIRBORN
			7.33	7.62	0.29		IR-675	12		2	LEAVE FAIRBORN TO IR-675 RAMPS
19	GREENE	SR-444	TOTAL		4.97	0.42				63	
20	GREENE	SR-844	2.13	2.4	0.27			50		2	LEAVE CITY OF FAIRBORN AND END AT GATE 15A WPAFB
20	GREENE	SR-844	TOTAL		0.27					2	
21	GREENE	US-35	4.51	9.42	4.91	0.69	LOWER BELLBROOK	56		101	LEAVE CITY OF BEAVERCREEK (INCLUDES US35/35B INTER)
			9.42	10.11	0.69	1.59	US-42	56		38	
			10.11	12.03	1.92	0.78	US-68	56		42	
			12.03	14.44	2.41	0.82	NORTH BICKETT ROAD	52		62	
21	GREENE	US-35	TOTAL (URBAN)		9.93	3.88				243	
22	GREENE	US-35	14.44	20.91	6.47	0.85	OLD US-35 E	50	90	168	
			20.91	22.67	1.76	0.73	SR-72	48	32	50	
			22.67	27.23	4.56			48	66	105	GREENE/FAYETTE CO. LINE
22	GREENE	US-35	TOTAL (RURAL)		12.79	1.58			188	323	
23	GREENE	US-42	0.00	2.04	2.04			40	14	21	GREENE/WARREN CO. LINE TO END OF DIVIDED LANES
			3.63	6.79	3.16			50	32	44	BEGIN DIVIDED LANES TO HEDGES ROAD
			6.79	8.03	1.24	SEE US35	US-35	50	10	15	HEDGES ROAD TO US-35 INTERCHANGE TO XENIA CORP.
23	GREENE	US-42	TOTAL		6.44				56	80	
24	HAMILTON	IR-71	0.00	2.19	2.19		GILBERT AVENUE	BARRIER			OHIO/KENTUCKY LINE TO READING ROAD INTERCHANGE
			2.19	2.93	0.74		MCGREGOR AVENUE	30			
			2.93	5.27	2.34		US-22	BARRIER			
			5.27	6.03	0.76		DANA AVENUE	BARRIER			
			6.03	6.75	0.72		SMITH ROAD	BARRIER			
			6.75	6.96	0.21		WILLIAMS AVENUE	BARRIER			
			6.96	7.74	0.78			BARRIER			
24	HAMILTON IR-71 SUB-TOTAL CARRIED TO NEXT SHEET				7.74						

FOR INFORMATION ONLY

PART	COUNTY	ROUTE	START LOG POINT	END LOG POINT	LINEAL MILES	RAMP MILES	INTERSECTING ROUTE	MEDIAN WIDTH (FT.)	TOTAL ACRES FOR MOWING	TOTAL ACRES FOR MOWBACK	REMARKS
24	HAMILTON IR-71 SUB-TOTAL FROM PREVIOUS SHEET				7.74						
			7.74	7.92	0.18		SR-562	VARIES			
			7.92	8.42	0.5			VARIES			
			8.42	8.51	0.09		RIDGE ROAD	BARRIER			
			8.51	8.75	0.24		KENNEDY AVE	BARRIER			
			8.75	9.91	1.16		RED BANK	BARRIER			
			9.91	10.68	0.77		STEWART ROAD	BARRIER			
			10.68	11.81	1.13		KENWOOD ROAD	BARRIER			
			11.81	12.44	0.63		US-22	BARRIER			
			12.44	14.13	1.69		SR-126	BARRIER			
			14.13	15.8	1.67		PFEIFFER ROAD	BARRIER			
			15.8	17.52	1.72		IR-275	BARRIER			
			17.52	19.88	2.36		FIELDS ERTEL ROAD	BARRIER			
			19.88	19.91	0.03						HAMILTON/WARREN CO. LINE
24	HAMILTON	IR-71	TOTAL		19.91					165	
25	HAMILTON	IR-74	0.00	1.6	1.60		NEW HAVEN ROAD	52			OHIO/INDIANA STATE LINE TO NEW HAVEN INTERCHANGE
			1.60	3.58	1.98		DRY FORK ROAD	52			
			3.58	5.85	2.27		IR-275	52			BEGIN OVERLAP WITH IR-275
			5.85	7.76	1.91		SR-128	BARRIER			
			7.76	9.55	1.79		IR-275	36			END OVERLAP WITH IR-275
			9.55	10.35	0.8			52			
			10.35	11.16	0.81		HARRISON AVE.	74			
			11.16	14.66	3.50		NORTH BEND ROAD	52			
			14.66	17.44	2.78		MONTANA AVE.	52			
			17.44	18.20	0.76			52			
			18.20	18.50	0.30		BEEKMAN ST.	BARRIER			
			18.5	19.08	0.58		SPRING GROVE	BARRIER			
			19.08	19.47	0.39		IR-75	BARRIER			END AT IR-75
25	HAMILTON	IR-74	TOTAL		19.47					288	
26	HAMILTON	IR-75	0.00	0.74	0.74		8TH STREET CONNECTOR	BARRIER			OHIO/KENTUCKY STATE LINE
			0.74	1.42	0.68		EZZARD CHARLES	BARRIER			
			1.42	2.18	0.76		BANK ST.	BARRIER			
			2.18	2.51	0.33		WESTERN HILLS VIADUCT	BARRIER			
			2.51	3.5	0.99		HOPPLE ST.	BARRIER			
26	HAMILTON IR-75 SUB-TOTAL CARRIED TO NEXT SHEET				3.50						

FOR INFORMATION ONLY

PART	COUNTY	ROUTE	START LOG POINT	END LOG POINT	LINEAL MILES	RAMP MILES	INTERSECTING ROUTE	MEDIAN WIDTH (FT.)	TOTAL ACRES FOR MOWING	TOTAL ACRES FOR MOWBACK	REMARKS
26	HAMILTON IR-75 SUBTOTAL FROM PREVIOUS SHEET				3.50						
			3.50	4.4	0.90		IR-74	BARRIER			
			4.40	4.7	0.3		US-127	BARRIER			
			4.70	6.46	1.76		MITCHELL AVE.	BARRIER			
			6.46	7.92	1.46		NORWOOD LATERAL (SR-562)	BARRIER			
			7.92	8.57	0.65		TOWNE ST.	BARRIER			
			8.57	9.31	0.74		SEYMOUR AVE.	BARRIER			
			9.31	9.45	0.14		PADDOCK RD.	BARRIER			
			9.45	10.61	1.16		RONALD REGAN HIGHWAY	BARRIER			
			10.61	11.02	0.41		GALBRAITH ROAD	BARRIER			
			11.02	11.84	0.82		DAVIS ST.	BARRIER			
			11.84	12.92	1.08		SHEPARD LANE	BARRIER			
			12.92	13.38	0.46		GE RAMP SOUTH	BARRIER			
			13.38	13.9	0.52		GE RAMP NORTH	BARRIER			
			13.90	14.26	0.36		GLENDALE MILFORD RD	BARRIER			
			14.26	14.6	0.34			44			
			14.60	15.39	0.79		SHARON ROAD	170			
			15.39	16.77	1.38		IR-275	160			
			16.77	17.47	0.7			150			HAMILTON/BUTLER CO. LINE
26	HAMILTON	IR-75	TOTAL		17.47					252	
27	HAMILTON	IR-275	0.00	3.97	3.97		KILBY RD.	52			
			3.97	7.61	3.64		IR-74				BEGIN OVERLAP WITH IR-74
			10.57	13.45	2.88		RONALD REGAN HIGHWAY	70			END OVERLAP WITH IR-74
			13.45	13.89	0.44		BLUE ROCK RD.	70			
			13.89	16.02	2.13		COLERAIN AVE. (US-27)	70			
			16.02	18.82	2.80		HAMILTON AVE (US-127)	65			
			18.82	21.23	2.41		WINTON ROAD	60			
			21.23	23.38	2.15		SPRINGFIELD PIKE (SR-4)	BARRIER			
			23.38	24.38	1.00		PRINCETON PIKE (SR-747)	BARRIER			
			24.38	25.72	1.34		IR-75	BARRIER			
			25.72	26.45	0.73		MOSTELLER ROAD	BARRIER			
			26.45	28.34	1.89		LEBANON RD. (US-42)	BARRIER			
			28.34	29.79	1.45		REED HARTMAN HIGHWAY	BARRIER			
			29.79	31.22	1.43		IR-71	BARRIER			
			31.22	32.2	0.98		MONTGOMERY RD (US-22)	50			
27	HAMILTON IR-275 SUBTOTAL CARRIED TO NEXT SHEET				29.24						

FOR INFORMATION ONLY

PART	COUNTY	ROUTE	START LOG POINT	END LOG POINT	LINEAL MILES	RAMP MILES	INTERSECTING ROUTE	MEDIAN WIDTH (FT.)	TOTAL ACRES FOR MOWING	TOTAL ACRES FOR MOWBACK	REMARKS
27	HAMILTON	IR-275	HAMILTON IR-275 SUB-TOTAL FROM PREVIOUS SHEET		28.26						
			32.20	34.84	2.64		LOVELAND MADEIRA RD	64			
			34.84	35.07	0.23			64			HAMILTON/CLERMONT CO. LINE (ENTER CLERMONT CO)
			35.07	37.28	2.21		5 MILE ROAD	32			HAMILTON/CLERMONT CO. LINE (LEAVE CLERMONT CO)
			37.28	39.40	2.12		US-52	84			
			39.40	41.09	1.69		KELLOGG AVE (US-52)	60			
			41.09	41.6	0.51			60			OHIO/KENTUCKY STATE LINE
27	HAMILTON	IR-275	TOTAL		37.66					529	
28	HAMILTON	IR-471	0.00	0.26	0.26		COLUMBIA PARKWAY				OHIO/KENTUCKY STATE LINE
			0.26	0.73	0.47		IR-71	50			END AT IR-71
28	HAMILTON	IR-471	TOTAL		0.73					20	
29	HAMILTON	CR-453	0.24	0.85	0.61		BLUE ROCK ROAD	28			BEGIN IR-275 INTERCHANGE TO BLUE ROCK INTERCHANGE
			0.85	2.85	2		US-27	28			END AT START OF SR 126
29	HAMILTON	CR-453	TOTAL		2.61					45	
30	HAMILTON	SR-126	7.09	7.25	0.16		US-27	28			BEGIN AT US-27 INTERCHANGE
			7.25	9.04	1.79		US-127	28			
			9.04	10.81	1.77		WINTON RD.	28			
			10.81	11.49	0.68		W. GALBRAITH RD.	28			
			11.49	13.73	2.24		IR-75	40			
			13.73	15.01	1.28		READING RD.	BARRIER			
			15.01	15.55	0.54		KNOLLCREST DR.	BARRIER			
			15.55	16.30	0.75		RIDGE AVE.	BARRIER			
			16.30	18.18	1.88		PLAINFIELD RD.	BARRIER			
			18.18	18.82	0.64		BLUE ASH RD.	BARRIER			
			18.82	19.64	0.82		IR-71	BARRIER			
			19.64	20.29	0.65		US-22	20			END AT US-22 INTERCHANGE
30	HAMILTON	SR-126	TOTAL		13.20					121	
31	HAMILTON	US-27	14.69	16.87	2.18		W KEMPER RD.	44			BEGIN AT COLERAIN
			16.87	18.39	1.52		EAST MIAMI RIVER RD	44			
			18.39	18.52	0.13			44			HAMILTON/BUTLER CO. LINE
31	HAMILTON	US-27	TOTAL		3.83					41	
32	HAMILTON	US-52	35.54	35.92	0.38		KELLOGG AVE	BARRIER			BEGIN AT IR-275 INTERCHANGE
			35.92	37.80	1.88			BARRIER			
			37.80	40.07	2.27			40			HAMILTON/CLERMONT CO. LINE
32	HAMILTON	US-52	TOTAL		4.53					25	

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PART	COUNTY	ROUTE	START LOG POINT	END LOG POINT	LINEAL MILES	RAMP MILES	INTERSECTING ROUTE	MEDIAN WIDTH (FT.)	TOTAL ACRES FOR MOWING	TOTAL ACRES FOR MOWBACK	REMARKS
33	MADISON	US-40	0.00	7.49	7.49	1.06	US-42	VARIES	67	92	MADISON/CLARK CO. LINE TO US-42 INTERCHANGE
			7.49	11.79	4.30				35	51	END DIVIDED. WEST JEFFERSON CORPORATION LIMITS
33	MADISON	US-40	TOTAL		11.79	1.06			102	143	
34	MONTGOMERY	IR-70	0.00	3.34	3.34	0.98	BROOKVILLE-ARLINGTON RD	75	66	98	MONTGOMERY/PREBLE CO. LINE
			3.34	6.04	2.70	0.51	BROOKVILLE-SALEM RD	50	36	57	
			6.04	6.38	0.34	1.64	SR-49 (WESTERN RAMPS)	50/BARRIER	25	32	
			6.38	8.21	1.83	1.07	SR-49 (EASTERN RAMPS)	BARRIER/50	20	24	
			8.21	8.59	0.38	0.61	HOKE RD	BARRIER	12	18	
			8.59	11.30	2.71	0.89	SR-48	50	33	42	
			11.30	14.41	3.11	2.79	AIRPORT ACCESS	50	63	80	
			14.41	16.20	1.79	6.90	IR-75	BARRIER	29	33	
			16.20	19.00	2.8	1.31	SR-202	BARRIER	24	40	
			19.00	20.97	1.97	0.74	SR-201	BARRIER	14	22	
			20.97	23.33	2.36	4.12	SR-235	BARRIER	53	64	
			23.33	23.55	0.22			BARRIER	6	9	MONTGOMERY/CLARK CO. LINE
34	MONTGOMERY	IR-70	TOTAL		23.55	21.56			381	519	
35	MONTGOMERY	IR-75	0.00	0.76	0.76	0.71	AUSTIN PIKE	170	37	48	MONTGOMERY/WARREN CO. LINE
			0.76	2.59	1.83	4.33	IR-675	170	71	85	
			2.59	3.74	1.15	1.38	SR-725	170	46	56	
			3.74	6.66	2.92	0.74	E CENTRAL AVE.	170	78	97	
			6.66	9.31	2.65	1.3	DRYDEN RD	25	28	35	
			9.31	9.57	0.26	0.92	SPRINGBORO PIKE	0	7	7	
			9.57	10.44	0.87			0	5	5	ENTER DAYTON CORPORATION LIMITS
			15.34	15.82	0.48	0.57	WAGONER FORD RD	0	3	5	LEAVE DAYTON CORPORATION LIMITS
			15.82	17.29	1.47	0.9	NEEDMORE RD	0	5	6	
			17.29	18.80	1.51	1.57	BENCHWOOD/WYSE RD	0	7	8	
			18.80	20.43	1.63	3.37	IR-70	0	20	24	
			20.43	22.26	1.83	0.96	US-40	0	17	20	
			22.26	22.92	0.66	0.79	NORTHWOODS BLVD.	0	12	20	
			22.92	24.42	1.50			0	11	20	MONTGOMERY/MIAMI CO. LINE
35	MONTGOMERY	IR-75	TOTAL		19.52	17.54			347	436	

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PART	COUNTY	ROUTE	START LOG POINT	END LOG POINT	LINEAL MILES	RAMP MILES	INTERSECTING ROUTE	MEDIAN WIDTH (FT.)	TOTAL ACRES FOR MOWING	TOTAL ACRES FOR MOWBACK	REMARKS
36	MONTGOMERY	IR-675	0.00	2.10	2.10	0.94	SR-725	80 - 40	44	59	BEGIN AT IR-75
			2.10	4.47	2.37	0.34	ALEXANDER BELLBROOK RD	40	20	28	
			4.47	4.79	0.32	0.88	SR-48	40	17	19	
			4.79	7.42	2.63	1.02	WILMINGTON PIKE	40	35	39	
			7.42	7.44	0.02			40			MONTGOMERY/GREENE CO. LINE
36	MONTGOMERY	IR-675	TOTAL		7.44	3.18			116	145	
37	PREBLE	IR-70	0.00	1.83	1.83	0.93	US-35	76	30	56	OHIO/INDIANA STATE LINE
			1.83	9.91	8.08	0.76	US-127	76	115	191	
			9.91	14.66	4.75	0.7	SR-503	76	65	111	
			14.66	17.67	3.01			76	38	58	PREBLE/MONTGOMERY CO. LINE
37	PREBLE	IR-70	TOTAL		17.67	2.39			248	416	
38	WARREN	IR-71	0.00	0.34	0.34	0.33	FIELDS ERTEL RD.	30		9	WARREN/HAMILTON CO. LINE TO END OF FIELDS E. RAMPS
			0.34	3.11	2.77*			BARRIER		26	
			3.11	3.62	0.51	0.93	WESTERN ROW RD.	30		20	
			3.62	5.39	1.77	0.69	KINGS MILLS RD.	36		43	
			5.39	8.42	3.03	1.01	SR-48	36		42	
38	WARREN	IR-71	TOTAL (URBAN)		8.42	2.96				140	
39	WARREN	IR-71	8.42	12.65	4.23	0.67	SR-123	60	42	52	
			12.65	16.83	4.18	0.6	WILMINGTON RD.	60	45	60	
			16.83	22.26	5.43			65	68	112	WARREN/CLINTON CO. LINE
39	WARREN	IR-71	TOTAL (RURAL)		13.84	1.27			155	224	
40	WARREN	IR-75	0.00	0.38	0.38	0.86	SR-63	BARRIER		19	WARREN/BUTLER CO. LINE
			0.38	4.10	3.72	1.17	SR-122	BARRIER		41	
			4.10	8.17	4.07	0.98	SR-123	BARRIER		30	
			8.17	9.50	1.33			BARRIER		8	
			9.50	10.02	0.52	0.83	SR-73	170		29	
			10.02	12.20	2.18			170		65	WARREN/MONTGOMERY CO. LINE
40	WARREN	IR-75	TOTAL		12.20	3.84				192	
41	WARREN	US-42	17.94	19.2	1.26			40	11	12	BEGIN DIVIDED LANES TO BEGIN WAYNESVILLE CORP. LIMIT
			20.64	24.74	4.10			20	31	35	WAYNESVILLE CORP. LIMIT TO WARREN/GREENE CO. LINE
41	WARREN	US-42	TOTAL		5.36				42	47	

CALCULATED
JDO
CHECKED

SW-MOWING-FY2013

MOWING SUB-SUMMARY

PART					FIRST MOWING	SECOND MOWING	THIRD MOWING	FOURTH MOWING	FIFTH MOWING			
					ACRE	ACRE	ACRE	ACRE	ACRE			
1					276	276	276	276	276			
2					255	255	255	255	255			
3					26	26	26	26	26			
4					13	35	13	35				
5					448	652	448	652				
6					11	18	11	18				
7					6	7	6	7				
8					62	94	62	94				
9					183	260	183	260				
10					347	347	347	347	347			
11					284	284	284	284	284			
12					10	10	10	10	10			
13					23	27	23	27				
14					245	425	245	425				
15					71	129	71	129				
16					60	104	60	104				
17					478	478	478	478	478			
18					29	29	29	29	29			
19					63	63	63	63	63			
20					2	2	2	2	2			
21					243	243	243	243	243			
22					188	323	188	323				
23					56	80	56	80				
24					165	165	165	165	165			
25					288	288	288	288	288			
26					252	252	252	252	252			
27					529	529	529	529	529			
28					20	20	20	20	20			
29					45	45	45	45	45			
30					121	121	121	121	121			
31					41	41	41	41	41			
32					25	25	25	25	25			
33					102	143	102	143				
34					381	519	381	519				
35					347	436	347	436				
36					116	145	116	145				
37					248	416	248	416				
38					140	140	140	140	140			
39					155	224	155	224				
40					192	192	192	192	192			
41					42	47	42	47				
TOTALS CARRIED TO THE GENERAL SUMMARY					6588	7915	6588	7915	3831			

CALCULATED
JDO
CHECKED

SW-MOWING-FY2013

MOWING SUBSUMMARY

SHEET NUMBER										ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION
					19									
					6588					SPECIAL	69210100	6588	ACRE	FIRST MOWING
					7915					SPECIAL	69220100	7915	ACRE	SECOND MOWING
					6588					SPECIAL	69230100	6588	ACRE	THIRD MOWING
					7915					SPECIAL	69230270	7915	ACRE	FOURTH MOWING
					3831					SPECIAL	69230284	3831	ACRE	FIFTH MOWING
										614	11000	LUMP		MAINTAINING TRAFFIC
										624	10000	LUMP		MOBILIZATION