

## NOTES (1/5)

### **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.

### **EQUIPMENT CLEANLINESS**

TO PREVENT THE SPREAD OF NOXIOUS WEEDS AND INVASIVE SPECIES, PROVIDE CLEANED AND WASHED TRACTORS, MOWERS AND TRIMMING EQUIPMENT BEFORE THE START OF EACH MOWING CYCLE. ADDITIONALLY, BEFORE THE START OF EACH DAY OF OPERATION, TRACTORS, MOWERS AND TRIMMERS SHALL BE FREE OF VEGETATIVE DEBRIS SUCH AS LEAVES, SEEDS, SEED PODS AND ANY OTHER MATERIAL THAT COULD CONTRIBUTE TO THE SPREAD OF NOXIOUS OR INVASIVE SPECIES. THE DAILING CLEANING MAY BE ACHIEVED BY COMPRESSED AIR, LEAF BLOWERS OR OTHER SUITABLE MEANS AND METHODS.

### **GENERAL**

THE CONTRACTOR SHALL SUBMIT A MOWING SCHEDULE IN ADVANCE TO THE PROJECT ENGINEER TO ENSURE ALL PROJECT 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 THREE (3) MOWINGS WITH MOWBACKS ON THE THIRD CUT IN **AREAS OUTSIDE OF I-270** AND (3) THREE MOWINGS WITH MOWBACKS ON ALL CUTS IN **AREAS INSIDE OF I-270 (INCLUDING I-270)** AS SPECIFIED IN THE PLAN.

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

THE HEIGHT OF VEGETATION SHALL BE A NOMINAL 6 INCHES FROM THE EDGE OF PAVEMENT TO THE DITCH LINE. THE HEIGHT OF VEGETATION SHALL BE A NOMINAL 10 INCHES STARTING JUST BEHIND THE DITCH LINE TO THE ROW LINE. THE MEDIAN SHALL BE MOWED WITHIN (6) SIX WORKING DAYS OF EACH OTHER. 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.

IN ADDITION TO TYPICAL MOWING OPERATIONS, THE THIRD (3RD) CUT (PER THE MOWING SCHEDULE) SHALL INCLUDE THE CUTTING OF WILD FLOWER PLOTS IN ALL

ACCESSIBLE AREAS AT A HEIGHT NO LESS THAN 10-12 INCHES AND AT THE DISCRETION OF THE DISTRICT ENVIRONMENTAL COORDINATOR – MARCI LININGER 614-620-9830.

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.

## NOTES (2/5)

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 THIRD (3<sup>RD</sup>) CUT (PER THE MOWING SCHEDULE) SHALL ALSO INCLUDE THE CUTTING OF 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. IT IS THE INTENT OF THE DEPARTMENT THAT THE CONTRACTOR PROVIDE SUFFICIENT RESOURCES (EQUIPMENT AND PERSONNEL) TO COMPLETE THE REQUIRED MOWING (AND MOWBACKS WITHIN I-270) DURING THE SCHEDULED PERIODS WITHOUT DOWNTIME (EXCEPT FOR ALLOWABLE WEATHER DAYS) FOR EACH MOWING AND MOWBACK (WITHIN I-270). THE DEPARTMENT REQUIRES THE CONTRACTOR SCHEDULE JUST ENOUGH RESOURCES TO COMPLETE EACH MOWING AND MOWBACK (WITHIN I-270) DURING ALLOTTED SCHEDULE PERIODS. THE REQUIRED PROJECT SCHEDULE TO BE SUBMITTED PRIOR TO COMMENCING WITH MOWING OPERATIONS SHALL SATISFY THESE REQUIREMENTS AND BE APPROVED PRIOR TO STARTING WORK AND WILL BE REVIEWED AND ADJUSTED, IF NECESSARY, FOLLOWING EACH COMPLETE ROUND OF MOWING. THE CONTRACTOR WILL BE REQUIRED TO ALLOCATE ADDITIONAL RESOURCES FOR THE ADDITIONAL MOWBACKS REQUIRED ON ALL ROUTES WITH THE THIRD MOWING.

2. **MOWING OPERATIONS** SHALL BEGIN AT THE EDGE OF GROWTH NEAREST TO THE PAVEMENT 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 PAVEMENT EDGE UNLESS OTHERWISE RESTRICTED BY THE RIGHT-OF-WAY LIMITS OR THE DITCH BACK SLOPE LIMITS (SEE TYPICALS). MOWERS SHALL STRADDLE DITCHES AND SWALES. WHEELS OF TRACTORS SHALL NOT BE OPERATED IN DITCH OR SWAIL BOTTOMS.

3. **MOWBACK OPERATIONS** SHALL BEGIN AT THE EDGE OF GROWTH NEAREST TO THE PAVEMENT EDGE AND CONTINUE TO A MAXIMUM OF THE R/W LINE R/W FENCE, 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 PAVEMENT EDGE UNLESS OTHERWISE RESTRICTED BY THE DITCH BACK SLOPE LIMITS (SEE TYPICAL 1 - 5). ALL VEGETATION UP TO 3 INCH DIAMETER AND 54 INCHES IN HEIGHT (MEASURED FROM THE EXISTING GROUND) WILL BE CUT FLUSH WITH THE GROUND UNLESS CUT WITH A MOWER. IN THIS CASE, THE VEGETATION SHALL BE CUT TO THE MOWING HEIGHT. MOWER SHALL STRADDLE DITCHES. WHEELS OF TRACTOR SHALL NOT BE OPERATED IN DITCH BOTTOMS.

4. MOWING OF ALL VEGETATION SHALL EXTEND A MINIMUM OF 6 FEET BEYOND THE BACK OF THE GUARDRAIL POST OR FILL SECTIONS (WITH OR WITHOUT GUARDRAIL) HAVING SLOPES STEEPER THAN 3:1.

5. NO MOWING IS REQUIRED ON SLOPES STEEPER THAN 3:1, EXCEPT AS NOTED IN ITEMS 1, 2 & 3.

6. ALL VEGETATION SHALL BE CUT IN FRONT OF, UNDER, AND BEHIND THE GUARDRAIL TO THE LIMITS SPECIFIED IN ITEMS 1-3. TRIMMING BY MACHINE OR HAND METHODS SHALL BE PERFORMED AS NECESSARY AROUND ALL SIGN POSTS, GUARDRAIL, DELINEATOR POSTS, LIGHT POLE/SIGN SUPPORT FOUNDATIONS, TELEPHONE POLES, TREES IN LANDSCAPED AREAS AND ANY OTHER OBSTRUCTIONS WITHIN THE MOWING LIMITS SO AS TO PRODUCE A UNIFORM CUT OF VEGETATION. BROAD-LEAF HERBICIDAL SPRAYING IS PERMITTED TO ASSIST IN ACCOMPLISHING THIS WORK. THE INTENT OF HERBICIDAL SPRAYING IS TO ELIMINATE AND/OR REDUCE WEED EATING, BRUSH AND TREE GROWTH TO REDUCE LABOR AND EQUIPMENT REQUIRED FOR WEED EATING, BRUSH AND TREE REMOVAL. A TIME FRAME FOR THE SPRAYING IS PROVIDED UNDER THE NOTE FOR "ITEM SPECIAL – HERBICIDAL SPRAYING, WEED AND BRUSH CONTROL FROM ROAD; INTERSTATE".

7. **INTERCHANGE MOWING:** THE INFIELDS WILL BE MOWED IN THEIR ENTIRETY AS PART OF THE STANDARD MOWING (EXCEPT AS NOTED IN THE SUBSUMMARIES). 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.

8. IF THE FOLLOWING AREAS OCCUR WITHIN THE PROJECT:  
A. TRUCK WEIGH STATIONS...SHALL BE MOWED IN THEIR ENTIRETY.  
B. ROAD SIDE REST AREAS...THE ENTIRE R/W SHALL BE MOWED FROM THE BEGINNING OF THE ENTRANCE RAMP TO THE END OF THE EXIT RAMP AS PER PLAN. NO MOWING WILL BE REQUIRED IN PARK.

9. **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.

10. THE CONTRACTOR SHALL NOT MOW AREAS CONTAINING PLANTINGS OF CROWN VETCH, HAIRY VETCH, WILDFLOWERS, POLLINATOR HABITATS OR DESIGNATED NO MOW AREAS, UNLESS OTHERWISE NOTED. POLLINATOR HABITATS WILL BE SIGNED ACCORDINGLY AND SHOWN IN THESE PLANS ON SHEETS 3-5.

11. 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 THIRD (3<sup>RD</sup>) CUT IN **ALL 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.

**NOTES (3/5)**

12. AT THE COMPLETION OF EACH OF THE THREE (3) CUTS THE CONTRACTOR SHALL MEET WITH THE PROJECT ENGINEER TO PREPARE A DETAILED LIST OF ANY DAMAGE, INCLUDING RUTTING, 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.

13. THE CONTRACTOR SHALL NOT STAGE MOWING EQUIPMENT OF ANY KIND AT O.D.O.T. 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.

**METHOD OF MEASUREMENT**

MOWING MEASUREMENT SHALL BE COMPUTED AS ACRES MOWN AND ACRES OF MOWBACK 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 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	MOWBACK (FIRST MOWING)
SPEC	ACRE	SECOND MOWING
SPEC	ACRE	MOWBACK (SECOND MOWING)
SPEC	ACRE	THIRD MOWING
SPEC	ACRE	MOWBACK (THIRD MOWING)

**ITEM SPECIAL - HERBICIDAL SPRAYING, WEED AND BRUSH CONTROL FROM ROAD: INTERSTATE:**

THE CONTRACTOR SHALL PERFORM A ONE-TIME NON SELECTIVE VEGETATION SPRAY AROUND ALL LIGHT CONTROLLERS, CAPPED BARRIER WALL , BARRIER WALLS, RETAINING WALLS, RWIS TOWER, SIGNAL CONTROL CABINETS AND CURBED AREAS WITHIN THE INTERSTATE RIGHT-OF-WAYS (INCLUDING MEDIANS) AS DIRECTED BY THE

ENGINEER. THIS SAME WORK SHALL ALSO BE APPLIED TO INTERCHANGES, AREAS ADJACENT TO GUARDRAIL AND SIGN POSTS, AS WELL AS LIGHT POLES AND DELINEATORS.

**MULTI-LANE NON INTERSTATE**

THE CONTRACTOR SHALL PERFORM A ONE-TIME NON SELECTIVE VEGETATION SPRAY AROUND ALL TOWER LIGHTS, LIGHTING CONTROLLERS, RIGHT-OF-WAY FENCE, BARRIER WALLS, RETAINING WALLS, CURBED AREAS, GUARDRAIL, SIGN POSTS, SIGNALS, CABLE RAIL, RWIS TOWERS, SIGNAL CONTROL CABINETS, LIGHT POLES AND DELINEATORS.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT A HERBICIDE FORMULATION AND APPLICATION RATE CAPABLE OF ACHIEVING A MINIMUM OF A 90 PERCENT KILL. THE SELECTED HERBICIDE FORMULATION SHALL CONSIST OF CHEMICALS APPROVED FOR USE BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY. FIELD SAMPLES OF THE FORMULATION MAY BE TAKEN AT THE DISCRETION OF THE ENGINEER. NO HERBICIDE WILL BE USED WHICH WILL CAUSE DAMAGE TO DESIRABLE TURF AREAS OR WHICH ARE INVOLVED IN INVESTIGATIONS WITH THE EPA.

THE CONTRACTOR APPLYING THE HERBICIDE MUST BE LICENSED TO DO SO BY THE OHIO DEPARTMENT OF AGRICULTURE.

MEASUREMENT WILL BE THE NUMBER OF ACRES SPRAYED TIMES THE PERCENT OF KILL ACHIEVED AS INDICATED IN THE PAY FACTOR TABLE. PAYMENT FOR THIS ITEM SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK.

FOR DATA AND ESTIMATES REGARDING THIS WORK SEE DATA SHOWN ON [SHEET 20/35](#).

**METHOD OF PAYMENT:**

THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING WHEN A ROUTE HAS BEEN COMPLETED. THE DEPARTMENT WILL BEGIN INSPECTION OF COMPLETED ROUTES A MINIMUM OF 12 DAYS AFTER NOTIFICATION. METHOD OF PAYMENT FOR ALL SPRAYING ITEMS SHALL BE AS PER THE PAY FACTOR TABLE.

PAY FACTOR TABLE	
PERCENT OF KILL ACHIEVED	PAY FACTOR
100% - 90%	1
89.9% - 70%	0.75
LESS THAN 69.9%	0

## NOTES (4/5)

### **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
- 109 ACCEPTANCE, MEASUREMENT, AND PAYMENT (ENTIRE SECTION)

### **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.

### **CITY OF COLUMBUS PERMITS:**

OCCUPANCY PERMITS MUST BE OBTAINED AND COMPLETED BY THE CONTRACTOR 5 DAYS PRIOR TO BEGINNING WORK ON US-33 AND SR-315 WITHIN THE CITY OF COLUMBUS CORP LIMITS. THEY CAN BE OBTAINED FROM THE CITY OF COLUMBUS TRANSPORTATION DIVISION AT 614-645-5660. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND PAY FOR ALL LAW ENFORCEMENT OFFICER (LEO) HOURS REQUIRED BY THE CITY OF COLUMBUS

### **NOTIFICATION OF CONSTRUCTION INITIATION**

AT LEAST FOURTEEN DAYS PRIOR TO STARTING INITIAL CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL ADVISE THE DISTRICT OFFICE OF COMMUNICATIONS VIA EMAIL AT D06.PIO@DOT.OHIO.GOV, THE DISTRICT WORK ZONE TRAFFIC MANAGER VIA EMAIL AT D06.MOT@DOT.OHIO.GOV AND THE CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION BY FAX AT (614)728-4099 OF THE ANTICIPATED START DATE OF ANY CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE PLACING OF WORK ZONE SIGNS. THE NOTIFICATION SHALL ALSO INCLUDE THE PROJECT NUMBER, PID, NAME AND PHONE NUMBER OF THE CONTRACTOR, A POINT OF CONTACT AND THE ANTICIPATED IMPACT ON TRAFFIC. THE CONTRACTOR WILL IMMEDIATELY INFORM THE DISTRICT OFFICE OF COMMUNICATIONS AND THE DISTRICT WORK ZONE TRAFFIC MANAGER OF ANY AND ALL DELAYS AND/OR CHANGES REGARDING THE CONSTRUCTION INITIATION DATE.

### **MAINTENANCE OF TRAFFIC PERMITTED WORK HOURS**

PERMITTED WORK HOURS/DAYS IN THE INNERBELT AREA, DEFINED BY I-670 ON THE NORTH, I-71 ON THE EAST, I-70 ON THE SOUTH, AND SR-315 ON THE WEST, ARE LIMITED TO WEEKENDS ONLY ONE HALF HOUR FOLLOWING SUNRISE (OFFICIAL TIME) TO ONE HALF HOUR BEFORE SUNSET (OFFICIAL TIME). WORK IN OTHER LOCATIONS SHALL BE PERFORMED ANY DAY OF THE WEEK FROM ONE HALF HOUR FOLLOWING SUNRISE (OFFICIAL TIME) TO ONE HALF HOUR BEFORE SUNSET (OFFICIAL TIME).

NO WORK SHALL BE PERFORMED ON 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.

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

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.

MOWING EQUIPMENT WILL NOT BE ALLOWED TO CROSS TRAVELLED LANES ON THE INTERSTATE OR FREEWAY. A LICENSED VEHICLE SHALL BE UTILIZED TO TRANSPORT MOWING EQUIPMENT BETWEEN THE OUTSIDE OF THE PAVEMENT AND THE MEDIAN. MOWING EQUIPMENT WILL BE ALLOWED ON PAVEMENT FOR SHORT INTERVALS SUCH AS CROSSING BRIDGES AND RAMPS PROVIDED THAT THE EQUIPMENT IS TRAVELING IN THE SAME DIRECTION AS THE TRAFFIC. ALTHOUGH MOWING IS PERMITTED DURING HIGH TRAFFIC VOLUME TIMES (I.E., RUSH HOURS, 6AM-9AM, 3PM-6PM), THE CONTRACTOR IS PROHIBITED TO IMPEDE TRAFFIC WHILE CROSSING RAMPS, TRAVERSING NARROW SHOULDERS, AND NARROW SHOULDER BRIDGES AS PER C&MS 107.01, 107.02 AND 107.07.

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 BEHIND THE GUARDRAIL.