

DRIVE ACCESS

VEHICULAR TRAFFIC TO ALL PROPERTIES ABUTTING THE PROJECT SHALL BE MAINTAINED AT ALL TIMES. IF A PROPERTY HAS MORE THAN ONE DRIVEWAY, THEN AT LEAST ONE DRIVEWAY MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. WHERE A PROPERTY IS SERVED BY ONLY ONE DRIVEWAY, THEN THE AFFECTED DRIVEWAY MUST REMAIN OPEN AT ALL TIMES WITH THE IMPROVEMENTS CONSTRUCTED IN STEPS AND/OR SUPPLEMENTED WITH ITEM 410 SO THAT ACCESS IS NOT DISRUPTED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE CONSTRUCTION ACTIVITIES WITH THE ENGINEER AND THE OWNERS OF THE ABUTTING PROPERTIES IN ADVANCE OF ANY OPERATIONS WHICH AFFECT ACCESS.

TIME LIMITATIONS FOR PROPOSED DRIVEWAY WORK ON PARCELS 7 & 8

THE CONTRACTOR SHALL COMPLETE THE PROPOSED DRIVEWAY WORK AND ALL OTHER WORK LOCATED WITHIN THE TEMPORARY EASEMENT AREAS (AS DETAILED ON THE PLANS) WITHIN 30 CONSECUTIVE CALENDAR DAYS AFTER BEGINNING WORK WITHIN THESE PROPERTIES. BOTH DRIVEWAYS ON PARCEL 8 SHALL REMAIN OPENED AT ALL TIMES DURING CONSTRUCTION ACTIVITIES. PART WIDTH DRIVE CONSTRUCTION SHALL BE UTILIZED AND/OR SUPPLEMENTED WITH ITEM 410.

ITEM SPECIAL ROADWAY, MISC.: TOW TRUCK SERVICE

THE CONTRACTOR SHALL PROVIDE A TOW SERVICE FOR ANY DISABLED VEHICLE WITHIN THE ROADWAY THAT AFFECTS THE FLOW OF TRAFFIC DURING ANY TEMPORARY OR PERMANENT LANE (S) CLOSURE. THE INTENT IS TO REMOVE THE DISABLED VEHICLE TO A LOCATION OFF THE TRAVELED WAY.

THE TOW TRUCKS SHALL BE CAPABLE OF HANDLING A GROSS WEIGHT OF 18,000 POUNDS. EACH TRUCK SHALL BE EQUIPPED WITH AN AMBER CAB MOUNTED FLASHING LIGHT, TWO WAY RADIO, TOW RIG, CUSHIONED BUMPER, AND REAR PINTLE HOOKS. FOR LARGE DISABLED TRUCKS, THE CONTRACTOR SHALL PROVIDE MORE THAN ONE TOW TRUCK, AS NEEDED. TOWING SHALL BE PROVIDED TO REMOVE DISABLED VEHICLES FROM WITHIN THE ROADWAY TO SAFE LOCATION OFF THE TRAVELED WAY. THIS SERVICE SHALL BE PROVIDED AT NO CHARGE TO THE OPERATORS OF THE DISABLED VEHICLES. THE OPERATORS OF THE DISABLED VEHICLES SHALL FILL OUT A FORM PROVIDED BY ODOT. THIS FORM SHALL BE SUBMITTED TO ODOT FOR PAYMENT OF THE TOW. ANY ADDITIONAL TOWING SHALL BE ARRANGED BY THE POLICE OR MOTORIST, BUT SHALL NOT BE PART OF THE WORK REQUIRED UNDER THIS CONTRACT.

THE TOW TRUCK MAY BE CALLED TO THE SCENE BY THE POLICE, CONTRACTOR, ENGINEER OR DESIGNATED ENGINEER'S OR CONTRACTOR'S REPRESENTATIVES. THE TOW TRUCK MUST RESPOND AND ARRIVE AT THE SCENE OF THE DISABLED VEHICLE NO LATER THAN TEN MINUTES AFTER THE RECEIPT OF THE CALL. IF THE TOW TRUCK CANNOT ARRIVE IN TEN MINUTES AS DEEMED BY THE PROJECT ENGINEER, THIS REQUIREMENT MAY BE WAIVED. MUST PROVIDE TEN MINUTES RESPONSE SERVICE EVEN THOUGH THERE MIGHT BE MULTIPLE DISABLED VEHICLES AT DIFFERENT LOCATIONS WITHIN THE LIMITS OF WORK. IN THE CASE OF SERIOUS VEHICULAR ACCIDENTS, THE TOW TRUCK MUST NOT REMOVE THE DISABLED VEHICLES(S) UNTIL AUTHORIZED BY THE POLICE OR THE ENGINEER.

THE CONTRACTOR SHALL NOT LET ANY VEHICLE REMAIN IN THE TRAVELED WAY FOR 30 MINUTES WITHOUT NOTIFYING THE TOWING SERVICE. IF THE TOWING SERVICE IS NOT NOTIFIED IN 30 MINUTES, THE CONTRACTOR SHALL ONLY BE PAID FOR ONE HALF OF THE TOW TRUCK SERVICE UNIT PRICE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE REPRESENTATIVES TO ENSURE THE TOWING SERVICE RESPONDS WITHIN THESE GUIDELINES. THE TOWING SERVICE SHALL RESPOND TO ANY VEHICLE WITHIN THE WORK LIMITS OF THE THE FIRST ADVANCED WARNING SIGNS ON THE PROJECT. THE CONTRACTOR SHALL PROVIDE THE PHONE NUMBERS OF THE TOW TRUCK SERVICE TO THE POLICE AND ENGINEER AS SOON AS THEY BECOME AVAILABLE.

TOW TRUCK SERVICE SHALL BE MEASURED BY THE NUMBER OF TOWS THAT THE TOW TRUCK SERVICE ACTUALLY PERFORMS. THE RELOCATION OF EACH VEHICLE OFF THE TRAVELED WAY, WHETHER BY TOWING OR PUSHING, SHALL BE COUNTED AS A TOW. IF TOWING IS PERFORMED BY MORE THAN ONE TOW TRUCK (AS NEEDED TO REMOVE HEAVY VEHICLES) MEASUREMENT WILL BE MADE PER EACH TOW TRUCK.

PAYMENT FOR TOW TRUCK SERVICE WILL BE MADE AT THE CONTRACT UNIT PRICE, PER EACH TOW. THIS PRICE SHALL BE FULL COMPENSATION FOR FURNISHING THE TOW TRUCK, OPERATOR, TOOLS, EQUIPMENT, INSURANCE AND ALL OTHER MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL

SUMMARY:

ITEM SPECIAL ROADWAY, MISC.: TOW TRUCK SERVICE (AUTO) 30 EACH

ITEM SPECIAL ROADWAY, MISC.: TOW TRUCK SERVICE (COMMERCIAL) 15 EACH

STAGING AREA WITHIN STATE RIGHT OF WAY

A SPECIFIC AREA(S) IS/ARE SHOWN IN THE PLANS FOR THE CONTRACTOR TO USE AS STAGING AREA(S). NO D-12 PERMIT WILL BE REQUIRED FOR THE CONTRACTOR TO UTILIZE THIS LOCATION. THE CONTRACTOR SHALL SUBMIT A WRITTEN DESCRIPTION OF THEIR PLANNED USE TO THE PROJECT ENGINEER FOR CONCURRENCE. ALL USES OF THE R/W SHALL BE COORDINATED BY THE PROJECT ENGINEER.

NO CONCRETE OR ASPHALT PLANTS ARE ALLOWED. THE CONTRACTOR SHALL NOT UTILIZE THIS PROJECT'S STAGING AREA FOR OTHER PROJECTS. THE CONTRACTOR SHALL NOT STOCKPILE MATERIAL ON TOP OF EXISTING DRAINAGE PIPES AND UNDERGROUND UTILITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RESTORATION OF THE STAGING AREA(S). IN ADDITION TO SECITON 104.04 OF THE CMS, RESTORATION WORK SHALL INCLUDE, AT NO ADDITIONAL COST TO THE STATE:

- 1. REMOVAL OF AT LEAST 4 INCHES OF MATERIAL AND REPLACEMENT WITH TOPSOIL PER ITEM 659.
- 2. SEED AND MULCH THE AREA PER ITEM 659

3. REPLACEMENT OF ALL TREES REMOVED BY CONTRACTOR ON CALIPER-INCH BASIS WITH ONE (1) YEAR WARRANTY.

IF THE PROJECT ENGINEER DEEMS THAT ALL THE CONDITIONS OF THE R/W USE ARE NOT MET, THEN 10% OF THE CONTRACT BID AMOUNT FOR MOBILIZATION SHALL BE WITHHELD UNTIL ALL CONDITIONS OF THE R/W USE ARE SATISFIED.

UNSUITABLE SOILS AT CROSS OVER LOCATIONS

IF CROSS OVERS ARE UTILIZED FOR MAINTENANCE OF TRAFFIC: THE FOLLOW QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER.

ITEM 204 - GRANULAR MATERIAL, TYPE B	1,530 CU YD
ITEM 204 - EXCAVATION OF SUBGRADE	1,530 CU YD
ITEM 304 - AGGREGATE BASE	765 CU YD
ITEM 451 - 11" REINFORCED CONCRETE PAVEMENT	6,563 SY YD

AT LOCATIONS DETERMINED BY THE ENGINEER THE CONTRACTOR SHALL UNDERCUT THE EXISTING SOIL, REPLACE WITH GRANULAR MATERIAL AND PLACE SUITABLE THICKNESS OF AGGREGATE BASE AS DETERMINED BY THE ENGINEER AND REINFORCED CONCRETE FOR THE CROSSOVER LOCATIONS IN THE EXISTING GRASS MEDIAN.

CONSTRUCTION TRAFFIC

ALL CONSTRUCTION TRAFFIC SHALL USE ACCEPTABLE TRUCK ROUTES TO ACCESS THE CONSTRUCTION AREA. USE OF LOCAL RESIDENTIAL STREETS IS STRICTLY PROHIBITED UNLESS ALLOWED IN WRITING BY THE LOCAL ENFORCEMENT AUTHORITY.

PERMANENT PAVEMENT MARKINGS

AFTER PLACING THE SURFACE COURSE, THE CONTRACTOR MAY PLACE PERMANENT PAVEMENT MARKINGS AT LOCATIONS SHOWN IN THE TYPICAL SECTIONS AND THE TRAFFIC CONTROL SHEETS INSTEAD OF PLACING WORK ZONE PAVEMENT MARKINGS, WHICH SHALL BE NON-PERFORMED AT THESE LOCATIONS.

ITEM 614, WORK ZONE LANE LINE, BY TYPE

ALL WORK ZONE LANE LINES SHALL BE 6 INCHES WIDE.

COVERING OF GROUND MOUNTED SIGNS--GENERAL

WHEN REQUIRED BY OTHER ITEMS OR INCIDENTALLY TO ITEM 614 MAINTAINING TRAFFIC, COVER EXISTING GROUND MOUNTED SIGNS WITH PLYWOOD OR OSB BLANKS (1/2" MINIMUM THICKNESS) COVERING 80% OF THE SIGN AREA AND ALL OF THE SIGN LEGEND. THE USE OF LOW QUALITY MATERIALS SUCH AS DUCT TAPE AND BLACK PLASTIC IS NOT PERMITTED.

SUSPENSION OF WORK

IF THE CONTACTOR FAILS TO COMPLY WITH THE PROVISIONS FOR TRAFFIC CONTROL AS SET FORTH IN THESE PLANS OR WITH PROVISIONS OF THE ODOTCDM, THE ENGINEER SHALL SUSPEND WORK UNTIL THE CONTRACTOR COMPLIES WITH THE NECESSARY REQUIREMENTS.

MAINTAINING TRAFFIC - GENERAL PROVISIONS

- 1. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE "SCHEDULE OF THROUGH LANES TO BE MAINTAINED." THE CONTRACTOR SHALL SET UP AND OPERATE HIS EQUIPMENT IN SUCH A MANNER AS TO MINIMIZE ENCROACHMENT UPON THE TRAVELED WIDTH OF PAVEMENT.
- 2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, THE RESPONSIBLE LAW ENFORCEMENT AGENCY AND THE OHIO DEPARTMENT OF TRANSPORTATION, DISTRICT 12 PUBLIC INFORMATION OFFICER ((216) 584-2007) NOT LESS THAN 24 HOURS PRIOR TO A SCHEDULED DISRUPTION OF TRAFFIC.
- 3. NIGHTTIME WORK SHALL BE PERMITTED IN ACCORDANCE WITH THESE PLANS AND NOTES. THE CONTRACTOR SHALL PROVIDE FLOOD LIGHTING OF THE WORK AREA IN ORDER TO ASSURE THE SAFEST CONDITIONS DURING NIGHTTIME WORK. A LIGHTING PLAN FOR NIGHTTIME WORK SHALL BE PRESENTED TO AND APPROVED BY THE ENGINEER.

WINTER TIME LIMITATIONS

CONDUCT ALL WORK SUBJECT TO THE FOLLOWING LIMITATIONS. PAVEMENT AND BRIDGES WORK ARE TREATED SEPERATELY:

- 1. BY OCTOBER 1ST OF EACH YEAR, COMPLETE ALL PAVEMENT WORK (UP TO AND INCLUDING THE PROPOSED INTERMEDIATE COURSE) REQUIRED FOR THE AFFECTED STAGE OF CONSTRUCTION AND RETURN TRAFFIC TO UN-SHIFTED POSITION WITH FULL LANE WIDTHS.
- 2. WORK ZONES AND PAVEMENT SHIFTS FOR PROPOSED BRIDGE WORK MAY REMAIN IN PLACE BETWEEN NOVEMBER 1 AND MARCH 1. LIMIT PAVEMENT SHIFTS TO THE MINIMUM LENGTH NEEDED TO PROTECT BRIDGE WORK. NO SHIFTING BETWEEN PHASES OR SUB-PHASES IS PERMITTED DURING THIS PERIOD.
- 3. PLACE PAVEMENT MARKINGS AND RPM'S FOR THE PHASE OF CONSTRUCTION TO REMAIN IN PLACE OVER WINTER BY OCTOBER 15 EACH YEAR.
- 4. FROM NOVEMBER 1 TO MARCH 1, COORDINATE ANY PROPOSED WORK REQUIRING LANE CLOSURES WITH LAKE COUNTY. NO SHORT TERM LANE CLOSURES ARE PERMITTED DURING PERIODS WHEN LAKE COUNTY IS CONDUCTING SNOW AND ICE OPERATIONS (INCLUDING PRE-TREATMENT) OR WHEN TEMPERATURES ARE BELOW 40 DEGREES AND SNOW IS IN THE FORECAST.