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**CLEARING AND GRUBBING, AS PER PLAN**

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING, AS PER PLAN (SEE SCHEMATIC PLAN SHEETS FOR WORK LOCATIONS). SCALPING IS NOT REQUIRED FOR THIS ITEM OF WORK. ALL VEGETATION SHALL BE REMOVED FROM THE HIGHWAY SIDE OF NOISEWALLS. ALL OTHER PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING, AS PER PLAN.

**UTILITIES**

THE CONTRACTOR SHALL USE THE FOLLOWING PROCEDURE AT EACH LOCATION WHERE WORK IS PERFORMED, IN ACCORDANCE WITH SECTIONS 105.07 AND 107.16 IN THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, OHIO811, THE OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 4 HEADQUARTERS (MICHELLE CHANEY AT 330-786-2267) AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN ALL AREAS.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN ON THE PLANS, BUT CAN BE OBTAINED FROM THE OWNERS OF THE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

**ITEM SPECIAL - NOISE BARRIER: RE-SEALING NOISE BARRIER**

THE PURPOSE OF THIS ITEM IS TO CLEAN AND RE-SEAL THE FACING OF NOISE BARRIER (HIGHWAY SIDE ONLY) AND COLUMNS (HIGHWAY SIDE ONLY) WHERE THE EXISTING SEAL IS BEGINNING TO WEAR OFF. THE CONTRACTOR SHALL APPLY A LIGHT POWER WASHING WITH A FAN PATTERN, DIRECTED AT AN ANGLE TO THE WALL TO GET A CLEAN SURFACE. CONTRACTOR SHALL TAKE EXTRA CARE THAT THE ABSORPTIVE MATERIAL ON THE FACE OF THE BARRIER PANELS DOES NOT GET BLOWN OFF. ALLOW TO DRY AND SPRAY ACRYLIC STAIN. SEE BELOW FOR COLORS TO BE APPLIED.

BRICK FINISH PANELS: BRICK RED (FED# 20109)  
ICON PANELS: LIGHT NEUTRAL (FED# 17778)

THE CONTRACTOR SHALL USE DUE CARE IN THE SEALING OPERATION NOT TO ALLOW OVERSPRAY TO AFFECT EXISTING SIGNAGE ADJACENT TO I.R. 77. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING ANY SIGNAGE AFFECTED BY OVERSPRAY ON THEIR PART, AS JUDGED AND DIRECTED BY THE ENGINEER.

THIS ITEM IS TO BE PAID FOR ON A SQUARE FOOT BASIS AND SHALL INCLUDE ALL COSTS ASSOCIATED WITH COMPLETING THIS ITEM OF WORK.

**ITEM SPECIAL - NOISE BARRIER: PATCHING ACOUSTACRETE**

THE PURPOSE OF THIS ITEM IS TO PATCH THE ABSORPTIVE NOISE BARRIER FACE WHERE MATERIAL HAS SPALLED. THE LOCATIONS TO BE PATCHED SHALL BE DETERMINED BY THE PROJECT ENGINEER UPON VISUAL INSPECTION. THE CONTRACTOR SHALL CHIP AWAY ALL LOOSE OR DAMAGED MATERIAL. IT IS NOT NECESSARY TO REMOVE ACOUSTACRETE DOWN TO STRUCTURAL CONCRETE, UNLESS A CRACK IS THE FULL DEPTH OF THE ACOUSTACRETE. THE SURFACE OF SOUND MATERIAL IS THEN TO BE CLEANED WITH A WIRE BRUSH AND SATURATED WITH WATER. MIX AN APPROVED CEMENT AND WATER AND APPLY TO AREA, FILLING ALL VOIDS. PRE-MIX WOOD CHIPS WITH CEMENT AS SPECIFIED BELOW:

- A. CHEMICALLY TREATED ACOUSTACRETE WOOD FIBERS (IF FOR FIELD REPAIRS OF PANELS DAMAGED IN TRANSIT OR INSTALLATION - SUPPLIED IN 5 GALLON PAILS, PRE-TREATED BY FADDIS - CONTRACTOR TO MAKE ARRANGEMENTS WITH FADDIS CONCRETE PRODUCTS FOR ORDERING AND OBTAINING MATERIAL. SEE BELOW FOR CONTACT INFORMATION)
- B. 3 PARTS WOOD CHIPS TO 1 PART CEMENT MEASURED BY VOLUME (THESE ARE THE PROPORTIONS AS USED IN THE MIX DESIGN FOR THE PRODUCT)
- C. IF INTEGRAL PIGMENT IS USED IN THE PRODUCT, MEASURE BY PROPORTION BY WEIGHT OF CEMENT THE SAME AS THE PRODUCT
- D. 1/16 PART WATER, APPROXIMATELY, MEASURED BY VOLUME

APPLY ACOUSTACRETE PATCHING MIX BY COMPRESSING INTO THE PANEL BY HAND AND MOLDING TO MATCH THE SHAPE OF THE NOISE BARRIER PANEL. APPLY SURFACE COATING AS PER ITEM SPECIAL NOISE BARRIER: RE-SEALING NOISE BARRIER (SEE THIS SHEET).

FADDIS CONCRETE PRODUCTS  
2206 HORSHESHOE PIKE  
HONEY BROOK, PA 19344  
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**ITEM SPECIAL - NOISE BARRIER: SEALING ALUMINUM NOISE BARRIER**

THIS ITEM INCLUDES THE SEALING OF ALUMINUM NOISE BARRIER PORTION OF THE NOISEWALL (HIGHWAY SIDE ONLY) AT THE FOLLOWING LOCATIONS:

IR-77 OVER ORCHARD PARK DR NW (STA-77-1276, SFN 7604297)  
IR-77 OVER 38TH STREET (STA-77-1350, SFN 7604386)

ANY PEELING OR PEELED COATING SHALL BE REMOVED WHILE TAKING CARE NOT TO DAMAGE THE NOISE WALL. THE CONTRACTOR WILL USE SEALANT COMPATIBLE WITH THE EXISTING COATING. THE COLOR FOR THE SPECIFIED ALUMINUM NOISE BARRIER IS BRICK RED (FED# 20109).

**WEST BRANCH TRAIL AND ARBORETUM PARK AVOIDANCE - THE 38TH STREET EAST AND WEST NOISE BARRIER WALLS**

THE 38TH STREET EAST AND WEST NOISE BARRIER WALLS ABUT THE WEST BRANCH TRAIL (RECREATIONAL TRAIL) AND ARBORETUM PARK, RESPECTIVELY. THIS PROJECT IS SUBJECT TO THE REQUIREMENTS OF SECTION 4(F) OF THE DEPARTMENT OF TRANSPORTATION (DOT) ACT OF 1966, WHICH AFFORDS PROTECTION TO PUBLICLY-OWNED PARKS, RECREATION AREAS, AND WILDLIFE AND WATERFOWL REFUGES. ALL PROJECT WORK SHALL BE PERFORMED WITHIN EXISTING I-77 LIMITED ACCESS RIGHT-OF-WAY. STAGING AND/OR STORAGE OF CONSTRUCTION EQUIPMENT AND/OR MATERIALS OUTSIDE PROPOSED CONSTRUCTION LIMITS IS PROHIBITED. USE OF THE WEST BRANCH TRAIL AND/OR ARBORETUM PARK PROPERTY FOR ANY REASON IS PROHIBITED. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT ABUTTING PRIVATE AND/OR PUBLIC PROPERTIES AND FACILITIES AND THE PUBLIC DURING PROJECT CONSTRUCTION.

**ENDANGERED BAT HABITAT REMOVAL**

THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED AT THE WOODRIDGE NOISE BARRIER WALL AND/OR THE 38TH STREET EAST AND WEST NOISE BARRIER WALL LOCATIONS UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL AT THESE LOCATIONS SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THE INDIANA BAT AND NORTHERN LONG-EARED BAT SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

**WETLANDS AVOIDANCE**

WETLANDS ARE PRESENT AT THE 38TH STREET EAST NOISE BARRIER WALL LOCATION, AT THE SOUTH END OF THE PROJECT LIMITS ALONG THE EXISTING TOE OF THE I-77 EMBANKMENT SLOPE (I.E., EXISTING DRAINAGE DITCH AREA). NO TREES ARE PRESENT WITHIN THE 0.07-ACRE WETLAND AREA. THE WETLAND AREA WILL BE DEMARCATED IN THE FIELD PRIOR TO PROJECT CONSTRUCTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PLACE FILL INTO OR STORE EQUIPMENT AND/OR MATERIALS WITHIN THE 0.07-ACRE WETLAND AREA.

**STREAM AVOIDANCE**

UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR IMPACT THE WEST BRANCH OF NIMISHILLIN CREEK PRESENT AT THE 38TH STREET EAST AND WEST NOISE BARRIER WALL LOCATIONS. NO EXCAVATION, GRADING OR FILLING OPERATIONS SHALL BE PERFORMED BELOW THE ORDINARY HIGH WATER MARK (OHWM) OF ANY STREAM, RIVER OR OTHER JURISDICTIONAL WATERS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE CONSTRUCTION EQUIPMENT AND/OR MATERIALS IN ANY STREAMS, RIVERS OR OTHER JURISDICTIONAL WATERS.

CALCULATED  
RCB  
CHECKED  
TJP

GENERAL NOTES

STA-77-12.59

NOISE WALL REPAIR

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