

ITEM 606 - NOISE BARRIER (REFLECTIVE)
THIS ITEM SHALL CONSIST OF THE INSTALLATION OF NEW CONCRETE NOISE BARRIER PANELS. SEE ARCHITECTURAL DETAILS NOTE FOR COLOR AND TEXTURE.

IT WILL ALSO INCLUDE THE REMOVAL, STORAGE, DISPOSAL, AND REPLACEMENT OF ANY CLIP ANGLES, SUPPORTS, BEARING PADS, AND/OR OTHER APPURTENANCES THAT MAY BE IN CONFLICT WITH THE PROPOSED DESIGN. DISPOSAL SHALL FOLLOW ANY APPLICABLE LOCAL, STATE, OR FEDERAL LAWS REGARDING SUCH DISPOSAL.

CARE SHALL BE TAKEN WITH THE INSTALLATION OF NEW PANELS AS TO NOT DAMAGE ANY PORTION OF THE EXISTING NOISE BARRIER PANEL, POST AND FOUNDATION THAT IS TO REMAIN OR TO BE REUSED. REPLACE OR REPAIR PANELS AND/OR POSTS DAMAGED BY THE INSTALLATION OPERATION AT NO COST TO THE PROJECT. AT LEAST SEVEN (7) BUSINESS DAYS BEFORE PERFORMING REPAIR WORK, SUBMIT A PROPOSED REPAIR PLAN, DEVELOPED BY AN OHIO REGISTERED PROFESSIONAL ENGINEER TO THE ENGINEER. OBTAIN THE ENGINEER'S APPROVAL BEFORE PERFORMING THE REPAIR.

REPLACEMENT PANELS SHALL BE DESIGNED TO FIT WITHIN THE EXISTING PRECAST CONCRETE POSTS. SECURE JOINTS AND CONNECTIONS IN SUCH A MANNER AS TO BE STRUCTURALLY ADEQUATE WITH NO VISIBLE OPENING FOR SOUND TRANSMISSION. NOISE PANEL ATTACHMENT TO POSTS AND INSTALLATION METHODS SHALL BE STRUCTURALLY SOUND. PROVIDE ADEQUATE SUPPORTS TO HOLD THE PANELS IN PLACE BOTH IN ELEVATION AND Laterally BASED ON THE MANUFACTURER'S RECOMMENDATIONS AND THAT ARE ACCEPTABLE TO THE ENGINEER; HOWEVER, WOOD SHIMS/BLOCKS SHALL NOT BE USED. THE DESIGNED SUPPORTS SHALL BE DETAILED IN THE SHOP DRAWINGS.

FOLLOW STANDARD DRAWING NBS-1-09 AND THE DETAILS OF THESE PLANS.

PRIOR TO INSTALLING THE NEW PANELS, REGRADE THE GROUND BETWEEN THE EXISTING PRECAST CONCRETE POSTS TO ENSURE A SMOOTH DRAINAGE SURFACE FREE FROM ALL IRREGULARITIES.

ANY ADDITIONAL EMBANKMENT THAT IS REQUIRED TO OBTAIN THE 6" MINIMUM BURY AND FILL ANY VOIDS REMAINING FROM THE PREVIOUS PANELS IS INCLUDED IN THE ITEM FOR PAYMENT.

REPLACEMENT NOISE BARRIER PANELS SHALL BE INSTALLED WITHIN 1 WEEK OF THE REMOVAL OF THE EXISTING PANELS.

PAYMENT FOR ALL OF THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID PER SQUARE FOOT FOR ITEM 606, SPECIAL - NOISE BARRIER (REFLECTIVE) UNLESS OTHERWISE NOTED, AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.
EXISTING STRUCTURE VERIFICATION

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURES HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05 AND 105.02.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTANTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

ITEM SPECIAL - NOISE BARRIER (FIBERGLASS PANELS)
THIS ITEM IS INTENDED FOR LOCATION 8 (IR-675 @ SLM 4.20/4.27) PER SHEET P.3.

THIS ITEM SHALL CONSIST OF THE INSTALLATION OF NEW FIBERGLASS NOISE BARRIER PANELS. SEE PLAN SHEETS FOR COLOR AND TEXTURE.

IT WILL ALSO INCLUDE THE REMOVAL, STORAGE, DISPOSAL, AND REPLACEMENT OF ANY CLIP ANGLES, SUPPORTS, BEARING PADS, AND/OR OTHER APPURTENANCES THAT MAY BE IN CONFLICT WITH THE PROPOSED DESIGN. DISPOSAL SHALL FOLLOW ANY APPLICABLE LOCAL, STATE, OR FEDERAL LAWS REGARDING SUCH DISPOSAL.

CARE SHALL BE TAKEN WITH THE INSTALLATION OF NEW PANELS AS TO NOT DAMAGE ANY PORTION OF THE EXISTING NOISE BARRIER PANEL, POST AND FOUNDATION THAT IS TO REMAIN OR TO BE REUSED. REPLACE OR REPAIR PANELS AND/OR POSTS DAMAGED BY THE INSTALLATION OPERATION AT NO COST TO THE PROJECT. AT LEAST SEVEN (7) BUSINESS DAYS BEFORE PERFORMING REPAIR WORK, SUBMIT A PROPOSED REPAIR PLAN, DEVELOPED BY AN OHIO REGISTERED PROFESSIONAL ENGINEER TO THE ENGINEER. OBTAIN THE ENGINEER'S APPROVAL BEFORE PERFORMING THE REPAIR.

REPLACEMENT PANELS SHALL BE DESIGNED TO FIT WITHIN THE EXISTING STEEL I-BEAM POSTS. SECURE JOINTS AND CONNECTIONS IN SUCH A MANNER AS TO BE STRUCTURALLY ADEQUATE WITH NO VISIBLE OPENING FOR SOUND TRANSMISSION. NOISE PANEL ATTACHMENT TO POSTS AND INSTALLATION METHODS SHALL BE STRUCTURALLY SOUND. PROVIDE ADEQUATE SUPPORTS TO HOLD THE PANELS IN PLACE BOTH IN ELEVATION AND Laterally BASED ON THE MANUFACTURER'S RECOMMENDATIONS AND THAT ARE ACCEPTABLE TO THE ENGINEER; HOWEVER, WOOD SHIMS/BLOCKS SHALL NOT BE USED. THE DESIGNED SUPPORTS SHALL BE DETAILED IN THE SHOP DRAWINGS.

FOLLOW STANDARD DRAWING NBS-1-09 AND THE DETAILS OF THESE PLANS.

PRIOR TO INSTALLING THE NEW PANELS, REGRADE THE GROUND BETWEEN THE EXISTING STEEL I-BEAM POSTS TO ENSURE A SMOOTH DRAINAGE SURFACE FREE FROM ALL IRREGULARITIES.

REPLACEMENT NOISE BARRIER PANELS SHALL BE INSTALLED WITHIN 1 WEEK OF THE REMOVAL OF THE EXISTING PANELS.

PAYMENT FOR ALL OF THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID PER SQUARE FOOT FOR ITEM SPECIAL - NOISE BARRIER, MISC.: FIBERGLASS PANELS UNLESS OTHERWISE NOTED, AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

COORDINATION WITH ADJACENT PROJECTS

THE CONTRACTOR SHALL COORDINATE WORK WITH ODOT AND THE CONTRACTORS ON THE ADJACENT PROJECTS:
PID 107376, MOT-75-14.74
PID 116494, MIA-571-12.14

PROTECTION OF BATS

IF TREE CLEARING IS REQUIRED TO ACCOMMODATE NOISE PANEL REPLACEMENTS, THE CONTRACTOR SHALL LIMIT THE NECESSARY CLEARING TO LESS THAN 0.1 TOTAL ACRES. PRIOR TO ANY TREE CLEARING, THE CONTRACTOR SHALL COORDINATE THE PROPOSED CLEARING WITH THE DISTRICT ENVIRONMENTAL OFFICE (TRICIA.BISHOP@DOT.OHIO.GOV AND JARED.STEEGE@DOT.OHIO.GOV). NO TREE CLEARING MAY OCCUR UNTIL THE DISTRICT ENVIRONMENTAL OFFICE HAS PROVIDED WRITTEN CONFIRMATION THAT THE CLEARING MAY PROCEED. 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.

ITEM SPECIAL - NOISE BARRIER, CONCRETE POST

THIS ITEM COVERS THE INSTALLATION OF NEW NOISE BARRIER POSTS ON EXISTING FOUNDATIONS. THE CONTRACTOR IS REQUIRED TO SUBMIT A PLAN FOR THIS ITEM, DEVELOPED BY AN OHIO REGISTERED PROFESSIONAL ENGINEER, TO THE PROJECT ENGINEER. OBTAIN THE PROJECT ENGINEER'S APPROVAL PRIOR TO PERFORMING WORK. PAYMENT INCLUDES THE DESIGN, MANUFACTURING, DELIVERY, ERECTION, AND ANY OTHER INCIDENTAL LABOR, EQUIPMENT, OR MATERIAL TO INSTALL A NEW IN-KIND POST. THIS PAY ITEM WILL BE PAID PER UNIT 'EACH'.

CONTINGENCY QUANTITIES

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 202 - REMOVAL, MISC.: CONCRETE POST REMOVAL 2 EACH

ITEM 202 - REMOVAL, MISC.: REMOVAL AND DISPOSAL OF EXISTING CONCRETE PANELS 500 SF

ITEM SPECIAL - NOISE BARRIER (REFLECTIVE) 500 SF

ITEM SPECIAL - NOISE BARRIER PANEL REMOVAL AND REUSE (REFLECTIVE) 10 EACH

ITEM SPECIAL - NOISE BARRIER PANEL REMOVAL AND REUSE (FIBERGLASS) 2 EACH

ITEM SPECIAL - NOISE BARRIER, CONCRETE POST 2 EACH

ITEM SPECIAL - NOISE BARRIER, FIBERGLASS PANELS 10 SF

ARCHITECTURAL DETAILS

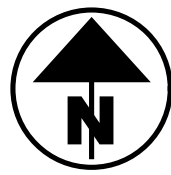
THE FOLLOWING TABLE SUMMARIZES THE APPROXIMATE ARCHITECTURAL DETAILS OF THE EXISTING WALLS BASED ON FIELD OBSERVATION FOR INFORMATION PURPOSES. THE CONTRACTOR SHALL VERIFY THAT PANELS AND POSTS MATCH IN KIND WITH THE EXISTING MATERIAL, TYPE, FORMLINER, AND STAIN COLOR AT THE PARTICULAR LOCATION, PER THE "WALL MATERIAL AND COLOR" NOTE ON SHEET 4, PRIOR TO ORDERING NOISE WALL REPAIR MATERIALS. MATERIALS SHALL BE ORDERED ONLY FROM ODOT-APPROVED SUPPLIERS.

Architecttural Details						
Location	Panel					Post and Cap
	Residential		Highway Side			Stain
	Formliner	Stain	Panel Type	Formliner	Stain	
1	Rolled Ashlar Stone Finish	Buff Federal Color No. 36440	Reflective	Rolled Ashlar Stone Finish	Buff Federal Color No. 36440	Federal Color No. 36628
2	Rolled Red Brick Finish	Buff Federal Color No. 17778	Reflective	Rolled Red Brick Finish	Brick Red Federal Color No. 20109	Brick Red Federal Color No. 20109 (Post), Light Neutral Federal Color No. 36628 (Cap)
3	Rolled Red Brick Finish	Buff Federal Color No. 17778	Reflective	Rolled Red Brick Finish	Brick Red Federal Color No. 20109	Brick Red Federal Color No. 20109 (Post), Light Neutral Federal Color No. 36628 (Cap)
4	Rolled Red Brick Finish	Buff Federal Color No. 17778	Reflective	Rolled Red Brick Finish	Brick Red Federal Color No. 20109	Brick Red Federal Color No. 20109 (Post), Light Neutral Federal Color No. 36628 (Cap)
5	Rolled Ashlar Stone Finish	Buff Federal Color No. 36628	Reflective	Rolled Ashlar Stone Finish	Buff Federal Color No. 36628	Buff Federal Color No. 36628
6	Rolled Ashlar Stone Finish	Buff Federal Color No. 36628	Reflective	Rolled Ashlar Stone Finish	Buff Federal Color No. 36628	Buff Federal Color No. 36628
7	Rolled Ashlar Stone Finish	Buff Federal Color No. 36628	Reflective	Rolled Ashlar Stone Finish	Buff Federal Color No. 36628	Buff Federal Color No. 36628
8	Tan Fiberglass Barrier with Horizontal Groove Pattern	Buff Federal Color No. 30450	Reflective	Tan Fiberglass Barrier with Horizontal Groove Pattern	Buff Federal Color No. 30450	N/A
9	Rolled Ashlar Stone Finish	Buff Federal Color No. 30450	Reflective	Rolled Ashlar Stone Finish	Buff Federal Color No. 30450	N/A

RESTORATION OF WORK AREAS
THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE PROJECT ENGINEER FOR THE REPAIR TO ORIGINAL CONDITION OF THE AREAS DISTURBED BY THE WORK. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO CONFINЕ THE WORK IN ORDER TO MINIMIZE THE DAMAGE AREA.

ITEM 659 - SEEDING AND MULCHING 500 SY
ITEM 659 - COMMERCIAL FERTILIZER 0.07 TON
ITEM 659 - LIME 0.10 TON
ITEM 659 - WATER 2 MGAL





EXECUTIVE BLVD

IR-70

STONEHURST DR

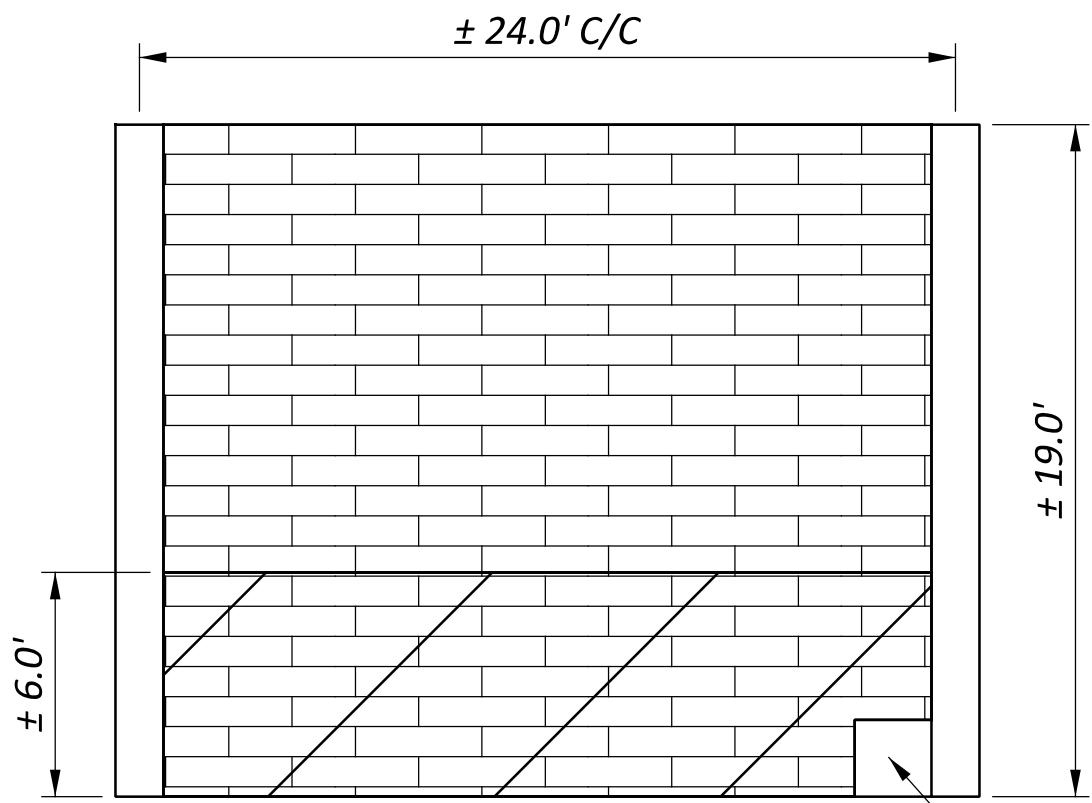
SERPENTINE DR

SR-201

SR-201

EX. NOISE BARRIER

PROP. NOISE BARRIER
PANEL REPLACEMENT



BARRIER WALL PANEL
REPLACEMENT DETAIL
MOT-70 @ SLM 20.75

LEGEND & NOTES:

 - REMOVE AND REPLACE

1. BARRIER WALL LOCATIONS ARE BASED ON AERIAL VIEWS AND ARE APPROXIMATED.
2. SECTIONS REQUIRE CLEARING & GRUBBING OF OVERGROWN VEGETATION ADJACENT TO BARRIER WALL.
3. 1' X 1' CUTOUT IS TO BE MADE IN BOTTOM RIGHT CORNER TO ACCOMMODATE THE FOUNDATION OF POST.

DESIGN AGENCY



DESIGNER

DAV

REVIEWER

BJA 09/18/25

PROJECT ID

114938

SUBSET

7

TOTAL

7

SHEET

P.29

TOTAL

39

MOT-70
NOISE BARRIER DETAILS