CITY OF CHEVIOT

HAMILTON COUNTY, OHIO

BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS

32088

CITY OF CHEVIOT OFFICIALS

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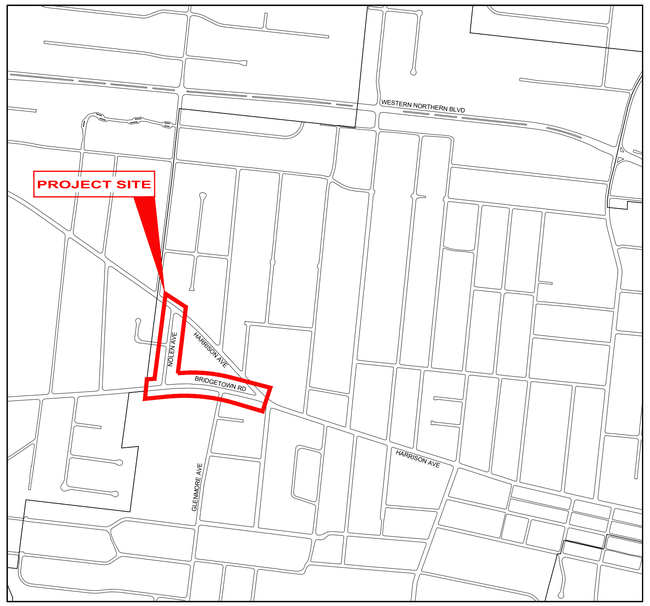
BRENT CRAIG



VICINITY MAP

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O.D.O.T. SPECIFICATIONS

THE LATEST STANDARD SPECIFICATIONS OF THE OHIO DEPARTMENT OF TRANSPORTATION , INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO AND CITY OF CHEVIOT ENGINEERING DEPARTMENT REQUIREMENTS SHALL GOVERN THIS IMPROVEMENT.

SOURCE OF BOUNDARY INFORMATION

THE BOUNDARY INFORMATION SHOWN ON THESE PLANS IS BASED UPON HAMILTON COUNTY G.I.S. MAPPING AND DOES NOT REPRESENT AN ACTUAL FIELD BOUNDARY SURVEY BY CT CONSULTANTS, INC.

Digitally signed by Shawn Riggs
Date: 2025.08.04 09:10:12-04'00'

SHAWN RIGGS *DATE*

STATE OF OHIO
SHAWN RIGGS
PE84714
REGISTERED PROFESSIONAL ENGINEER

verdantas

NO	REVISION	DATE

ISSUED FOR: BID
ISSUE DATE: 8/4/2025
SCALE:
DESIGNED BY: PMAD
DRAWN BY: PMAD
CHECKED BY: SRIG

BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS
CITY OF CHEVIOT
HAMILTON COUNTY, OHIO

TITLE SHEET

PROJECT NO. 32088
DISCIPLINE CIVIL
SHEET NAME TTL
SHEET 1 OF 12

GENERAL NOTES

IN GENERAL, UNLESS SPECIFICALLY SET FORTH HEREIN, THE WORK AND MATERIALS SHALL CONFORM TO THE APPLICABLE DIVISIONS AND PARAGRAPHS OF THE MOST CURRENT EDITION OF THE:

STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS

MATERIALS AND SPECIFICATIONS UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL BE NEW AND BOTH WORKMANSHIP AND MATERIALS SHALL BE OF PREMIUM QUALITY, PROPER AND SUFFICIENT FOR THE PURPOSE CONTEMPLATED. THE CONTRACTOR SHALL FURNISH, IF SO REQUIRED, SATISFACTORY EVIDENCE AS TO TYPE AND QUALITY OF MATERIALS AND WORKMANSHIP.

ALL ITEMS OF EQUIPMENT AND/OR MATERIAL PROPOSED BY THE CONTRACTOR FOR SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER IN WRITING AND SHALL BE EQUAL OR SUPERIOR TO THE ITEMS SPECIFIED IN THE CONTRACT DOCUMENTS. IF SAID SUBSTITUTION PROPOSED BY THE CONTRACTOR FOR A SPECIFIED ITEM REQUIRES ENGINEERING REVISIONS, THE TOTAL EXPENSE OF SAID REVISIONS SHALL BE PAID BY THE CONTRACTOR.

ANY ITEMS OF LABOR AND MATERIALS REQUIRED BUT NOT SHOWN AS A SEPARATE PAY ITEM IN THE PROPOSAL SHALL BE FURNISHED AND INSTALLED AS INCIDENTAL TO THE CONTRACT, EXCEPT AS NOTED IN THE PLANS AND SPECIFICATIONS.

PERMITS THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY ALL CHARGES AND FEES AS MAY BE NECESSARY AND REQUIRED BY THE CITY OR STATE.

RESPONSIBILITY IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM HIS WORK IN SUCH A MANNER AS NOT TO DAMAGE OR DESTROY ANY EXISTING FEATURE, (I.E. EXISTING INLETS, CONDUITS, ETC.) WHICH IS NOT MARKED FOR REPLACEMENT OR REMOVAL. IF ANY SUCH DAMAGE DOES OCCUR DUE TO THE OPERATIONS OF THE CONTRACTOR, HE SHALL REPLACE THE DAMAGED PORTION AT HIS EXPENSE. THE CONTRACTOR SHALL EXERCISE DUE CARE DURING CONSTRUCTION SO AS NOT TO DESTROY ANY TREES, PLANTS, SHRUBS OR STRUCTURES OUTSIDE OF THE INDICATED WORK LIMITS AND THOSE NOT SPECIFICALLY MARKED FOR REMOVAL OR RELOCATION WITHIN THE WORK LIMITS. IN SOME INSTANCES, THE CONTRACTOR WILL BE REQUIRED TO EXCAVATE UNDER AND AROUND THE EXISTING UTILITIES. EXTREME CARE SHOULD BE USED NOT TO DAMAGE THE UTILITY DURING THIS OPERATION.

WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL THE CONTRACTOR SHALL TAKE EXTREME CARE AND UTILIZE BEST MANAGEMENT PRACTICES TO CONTROL SEDIMENT AND EROSION DURING THE PROJECT AND TO PREVENT UNNECESSARY EROSION, WATER POLLUTION AND SILTATION AT ALL POINTS OF THE PROJECT. TEMPORARY SEEDING AND MULCHING; INLET PROTECTION; STRAW BALES; SLOPE DRAINS, ETC., SHALL BE USED AS NECESSARY OR AS DIRECTED BY THE CITY, THE COST OF WHICH SHALL BE INCIDENTAL TO THE OVERALL CONTRACT PRICE.

EROSION AND DUST CONTROL THE CONTRACTOR SHALL TAKE EXTREME CARE TO PREVENT UNNECESSARY EROSION AT ALL POINTS OF THE PROJECT. DUST SHALL BE KEPT TO A MINIMUM. COST OF EQUIPMENT, WATER, **LABOR AND MATERIAL, ETC. REQUIRED TO PERFORM DUST CONTROL SHALL BE INCIDENTAL TO THE OVERALL BID PRICE.**

TESTING THE CONTRACTOR SHALL INCLUDE THE COST OF ALL REQUIRED TESTS IN THE UNIT PRICE BID FOR THE PERTINENT ITEM AND NO SEPARATE COMPENSATION IS TO BE MADE FOR SAID TESTING.

CITY OWNED TRAFFIC SIGNS, POSTS, SIGNALS, AND POLES TRAFFIC SIGNS, POSTS, SIGNAL EQUIPMENT AND POLES THAT ARE NOT INTENDED TO BE REUSED SHALL BE CAREFULLY REMOVED, CLEANED AND DELIVERED TO THE CITY MAINTENANCE GARAGE FOR INSPECTION AND STORAGE. IF ANY OF THOSE ITEMS GET DAMAGED BY THE CONTRACTOR THEY SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CITY.

PROTECTION OF MONUMENTATION CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ANY SURVEY MONUMENTS ENCOUNTERED IN FIELD. COST FOR PROTECTION, RELOCATION AND COORDINATION WITH COUNTY TO BE MADE INCIDENTAL TO OVERALL CONTRACT PRICE.

REVIEW OF DRAINAGE FACILITIES BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY , THE CONTRACTOR WITH THE CITY ENGINEER OR INSPECTOR SHALL MAKE AN INSPECTION OF THE EXISTING SEWERS WITHIN THE WORK LIMITS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTIONS SHALL BE KEPT IN WRITING BY THE CONTRACTOR.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE CITY.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.

CONNECTIONS EXISTING ROOF DRAINS, FOOTER DRAINS OR YARD DRAINS DISTURBED BY THE PROPOSED WORK SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS BY CONNECTING TO A STORM SEWER, MANHOLE, CATCH BASIN, AS DIRECTED BY THE ENGINEER.

THE LOCATION, TYPE, SIZE AND GRADE OF REQUIRED REPLACEMENTS WILL BE DETERMINED BY THE FIELD INSPECTOR DURING CONSTRUCTION.

COORDINATION WITH OTHER CONTRACTORS OTHER CONTRACTORS AND/OR UTILITY COMPANIES MAY BE WORKING IN THIS AREA CONCURRENT WITH THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE WORK ACTIVITIES WITH ALL OTHER CONTRACTORS IN THE AREA.

MANHOLES, CATCH BASINS AND INLETS ALL CASTINGS FOR MANHOLES, CATCH BASINS AND INLETS SHALL CONFORM TO THOSE SPECIFIED IN THE STANDARD CONSTRUCTION DRAWINGS. ALL CASTINGS WHICH MIGHT BE SUBJECT TO VEHICLE TRAFFIC SHALL BE OF THE HEAVY DUTY GRADE. GRATED INLET TOPS SHALL BE PLACED AS SPECIFIED ON THE PLANS.

TOP OF CASTING ELEVATIONS ARE SUBJECT TO FINAL ADJUSTMENTS AS APPROVED BY THE ENGINEER. ALL MANHOLES WITHIN WALK AREA SHALL HAVE A FLAT FLUSH COVER. ALL CASTINGS USED SHALL BE SUBJECT TO THE FINAL APPROVAL OF THE ENGINEER.

CONTINGENCY QUANTITIES THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR PLAN ITEMS SET UP TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE FIELD INSPECTOR'S DISCRETION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

SEED, MULCH & FERTILIZER ALL SEEDING, MULCHING AND FERTILIZING SHALL BE DONE TO DAMAGED AREAS AT THE EXPENSE OF THE CONTRACTOR. THE VILLAGE ENGINEER SHALL DETERMINE ALL AREAS REQUIRING SEEDING, MULCHING AND FERTILIZER PERTINENT TO THIS CONTRACT.

GRADES CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE ON ALL FINISHED SURFACES. CONTRACTOR SHALL CONSULT WITH ENGINEER FOR AREAS SUBJECT TO PONDING.

GENERAL NOTES (CONT)

SAW CUTTING EXISTING PAVEMENT ALL EXISTING PAVEMENT SHALL BE SAW CUT BEFORE REMOVAL TO OBTAIN A UNIFORM EDGE. THE COST OF SAW CUTTING AND PAVEMENT REMOVAL SHALL BE INCIDENTAL TO THE PERTINENT REMOVAL ITEM.

ITEM 201 CLEARING AND GRUBBING, AS PER PLAN THIS WORK SHALL CONSIST OF CLEARING, GRUBBING, REMOVAL OF ALL TREES AND STUMPS AND ALL VEGETATION AND DEBRIS WITHIN THE WORK LIMITS. THE WORK SHALL ALSO INCLUDE ANY REMOVAL OF POSTS, ROCKS, LANDSCAPING AND ANY OTHER OBJECTS WITHIN THE CONSTRUCTION LIMITS WHICH THE REMOVAL AND DISPOSAL OF IS DEEMED NECESSARY TO ALLOW FOR THE PROPOSED IMPROVEMENTS TO TAKE PLACE. ANY EXISTING MAILBOX SHALL BE REMOVED, STORED, AND RESET AS A PART OF THIS ITEM. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

ITEM 204 PROOF ROLLING AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. ITEM 204 - PROOF ROLLING 8 HOUR

BUTT JOINT BUTT JOINTS SHALL BE PROVIDED 10' BEYOND ALL NOTED LIMITS OF PAVEMENT. THE WIDTH SHALL BE AS INDICATED ON THE PLANS. THE BUTT JOINT SHALL BE CONSTRUCTED AS PER ODOT CONSTRUCTION DRAWING BP-3.1, WITH COST INCIDENTAL TO ITEM 441.

FIELD ADJUSTMENT OF PROPOSED ELEVATIONS UPON COMPLETION OF THE PROPOSED TOP OF CURB AND CENTERLINE ELEVATIONS LAYOUT STAKING, THE ENGINEER WILL REVIEW AND ADJUST THE PROPOSED ELEVATIONS AT THE ENGINEERS DISCRETION.

ITEM 452, NON-REINFORCED CONCRETE PAVEMENT, MISC.: 7" PLAIN PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL & REPLACEMENT

IN ADDITION TO THE SPECIFICATIONS PROVIDED IN THE BID BOOK, DETAILS PROVIDED ON THE DRIVEWAY SHEETS, THE FOLLOW SHALL APPLY:

1. THE ABOVE-NOTED BID ITEMS ARE ALL-INCLUSIVE COSTS FOR THE COMPLETE REMOVAL AND CONSTRUCTION OF THE DRIVEWAY SECTIONS AS NOTED IN THE PLANS.
2. THE INTENT IS FOR THE HORIZONTAL LOCATION TO MATCH THE EXISTING DRIVEWAY, UNLESS OTHERWISE NOTED. THE FINAL LOCATIONS, ETC., MAY BE REVIEWED BY THE ENGINEER WHO MAY ADJUST THE LOCATION AT THEIR DISCRETION.
3. CONCRETE SHALL BE CLASS QC MS.

ITEM 608 - CONCRETE WALK IN ADDITION TO THE REQUIREMENTS OF ODOT ITEM 608, THE CONTRACTOR SHALL MATCH ANY SPECIAL PAVING FINISHES OR MATERIALS OF THE ADJACENT EXISTING WALK.

SUBGRADE COMPACTION REQUIREMENTS

A. COMPACT THE SUBGRADE IN ACCORDANCE WITH 204.03.

B. FOR AREAS WHERE THE SUBGRADE APPEARS TO BE STABLE, PROOF ROLL AFTER THE TOP 12" OF THE SUBGRADE MEETS COMPACTION REQUIREMENTS AND AFTER THE SUBGRADE HAS BEEN BROUGHT TO THE APPROXIMATE SHAPE REQUIRED BY PLANS.

   - FOR AREAS THAT HAVE MOISTURE CONTENT THAT IS EITHER TOO HIGH OR TOO LOW, THE CONTRACTOR SHALL DISK UP THE SUBGRADE MATERIAL FROM THE DESIGNATED AREA AND EITHER ALLOW TO DRY OR ADD MOISTURE IN ORDER TO OBTAIN THE PROPER MOISTURE CONTENT. THE MATERIAL SHALL THEN BE RECOMPACTED. THE COST FOR THIS SHALL BE INCIDENTAL TO ITEM 204 - SUBGRADE COMPACTION.

C. THE ENGINEER AND / OR THE DESIGNATED GETECHNICAL ENGINEER SHALL REVIEW THE PROOF ROLLING OPERATION AND DETERMINE IF THE SUBGRADE IS ACCEPTABLE OR IF THE ADDITIONAL SUBGRADE TREATMENT IS REQUIRED.

D. IF ADDITIONAL TREATMENT IS REQUIRED, THE SPECIFIC METHOD AND EXTENT SHALL BE DETERMINED BY THE ENGINEER AND GEOTECHNICAL ENGINEER; CONTINGENCY QUANTITIES FOR BOTH CHEMICALLY STABILIZED SUBGRADES AND MECHANICALLY STABILIZED SUBGRADE ARE INCLUDED IN THE QUANTITIES AND WILL ONLY BE UTILIZED AS DIRECTED BY THE ENGINEER AND THE DESIGNATED GEOTECHNICAL ENGINEER.

PROTECTION OF THE SUBGRADE

UPON REMOVAL OF THE EXISTING PAVEMENT, THE ENGINEER / TESTING FIRM SHALL EVALUATE THE EXISTING SUBGRADE AND DETERMINE ANY AREAS OF THE SUBGRADE REQUIRING SUBGRADE STABILIZATION METHODS AS INDICATED IN THE NOTES.

ANY OTHER AREAS OF THE SUBGRADE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN REGARDING ITS ABILITY TO BE PROPERLY COMPACTED, INCLUDING BUT NOT LIMITED TO MOISTURE CONTENT.

THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL MEASURES TO EITHER PRESERVE OR RESTORE THE SUBGRADE TO A "COMPACTABLE" STATE, REGARDING, BUT NOT LIMITED TO MOISTURE CONTENT.

DOWNTIME DUE TO FIELD CONFLICT

DURING THE CONSTRUCTION ACTIVITIES OF THIS PROJECT, THERE MAY BE TIMES WHEN THE CONSTRUCTION IN SOME AREAS MAY NEED TO BE SUSPENDED PENDING RESPONSE ON, OR RESOLUTION TO AN ISSUE FROM THE OWNER AND/OR ENGINEER. THE CONTRACTOR, IN THIS CASE SHALL MOVE THE CREWS AND EQUIPMENT TO WORK IN A DIFFERENT AREA OR ON A DIFFERENT TASK. COST OF MOBILIZING AND DEMOBILIZING OF THE CONTRACTORS WORK CREWS AND EQUIPMENT INCLUDING "DOWNTIME" SHALL BE INCIDENTAL TO THE OVERALL BID PRICE FOR THIS PROJECT.

RIGHT-OF-WAY AND PROPERTY LINES SHOWN ARE PLOTTED FROM HAMILTON COUNTY G.I.S. MAPPING AND ARE APPROXIMATE AND NOT THE RESULT OF A FIELD BOUNDARY SURVEY. THE CONTRACTOR SHALL LIMIT THEIR WORK AREA TO THE EASEMENTS AND

RIGHTS-OF-WAY SHOWN ON THESE PLANS UNLESS WRITTEN PERMISSION IS GIVEN BY THE PROPERTY OWNER AND APPROVED BY THE CITY OF CHEVIOT. THE CITY OF CHEVIOT DOES NOT GUARANTEE THE RIGHT OF WAY ON THIS ROAD, NOR WILL IT BE RESPONSIBLE FOR AND CLAIMS OR DAMAGES BROUGHT BY THE PROPERTY OWNER.

LOCAL LAWS, ORDINANCES AND REGULATIONS IN ACCORDANCE WITH SECTION 107.01 OF THE GENERAL PROVISIONS, THE CONTRACTOR SHALL STAY FULLY INFORMED OF ALL LOCAL LAWS, ORDINANCES, REGULATIONS, ORDERS, AND DECREES THAT AFFECT THE WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBSERVE AND COMPLY WITH ALL SUCH LAWS, ORDINANCES, REGULATIONS, ORDERS, AND DECREES AT NO ADDITIONAL COST TO THE PROJECT

CONTINGENCY QUANTITIES THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR PLAN ITEMS SET UP TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE FIELD INSPECTOR'S DISCRETION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

STATIONING AND LOCATIONS STATIONING AND LOCATIONS INDICATED ON THESE PLANS ARE APPROXIMATE. ALL LOCATIONS AND ITEMS CALLED OUT BY STATION ARE SUBJECT TO ADJUSTMENT IN THE FIELD "AS DIRECTED BY THE ENGINEER" AT NO ADDITIONAL COST.

GENERAL NOTES (CONT)

PAVEMENT REPAIR OPERATIONS PAVEMENT REPAIRS AS SHOWN ON THE PLANS ARE BASED ON FIELD OBSERVATIONS. FINAL REPAIRS SHALL BE DETERMINED BY FIELD REVIEW AFTER PAVEMENT HAS BEEN PLANED CURB-TO-CURB (EDGE-TO-EDGE) WITHIN THE STREET SEGMENT LIMITS.

APPROVED METHODS FOR REMOVAL OF THE REMAINING (AFTER PLANING) ASPHALT CONCRETE OVERLAY AND, WHERE REQUIRED, CONCRETE SHALL SATISFACTORILY ESTABLISH A NEAT VERTICAL FACE ALONG THE ENTIRE PERIMETER OF THE RECTANGLE SHAPED REMOVAL AREAS IN ORDER TO SUBSEQUENTLY PERMIT THE PROPER PLACEMENT AND COMPACTION OF THE FULL DEPTH PAVEMENT REPLACEMENT MATERIALS.

BEFORE PLACING THE PAVEMENT REPLACEMENT MATERIALS, CLEAN ALL VERTICAL FACES OF THE EXISTING PAVEMENT AND COAT THEM WITH ASPHALT MATERIAL ACCORDING TO 401.14. ALSO, APPLY ITEM 407 – TACK COAT TO THE SURFACE OF THE REPAIRED/EXISTING CONCRETE OR EXISTING ASPHALT BASE COURSE.

MATERIALS FOR THE PAVEMENT REPLACEMENT SHALL BE AS DETAILED ON THE FULL DEPTH PAVEMENT REPAIR DETAILS. PLACE AND COMPACT THE PAVEMENT REPLACEMENT IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS. THE FULL DEPTH PAVEMENT REPLACEMENT SHALL BE PERFORMED CONCURRENTLY WITH THE CURB AND WALK REPLACEMENT AND REPAIRS. ONLY AFTER THE REPAIRS ARE PERFORMED FOR PHASED SEGMENT OF WORK, MAY THE CONTRACTOR THEN INSTALL THE ASPHALT SURFACE AND INTERMEDIATE COURSES.

ITEM 611, DOWNSPOUT CONDUIT, MISC : PVC SCHEDULE 40 PIPE, 3"

THIS ITEM IS AN ALL INCLUSIVE EACH (EA) ITEM AND SHALL INCLUDE ALL MATERIALS, LABOR, AND INCIDENTALS TO REMOVE AND RECONNECT DOWNSPOUT LEADERS THRU THE PROPOSED CURB. SEE DETAIL SHEET.

ITEM 611, ITEM 611 - CATCH BASIN FRAME AND GRATE, AS PER PLAN
REMOVE EX & INSTALL NEW CATCH BASIN FRAME AND TYPE "L" GRATE(S). THIS SHALL APPLY TO BOTH CB-3 AND CB-3A TYPE CATCH BASINS. THE UNIT PRICE EACH (EA) FOR THIS ITEM SHALL INCLUDE ALL ITEMS NECESSARY TO REPLACE THE CATCH BASIN FRAMES, AND EITHER BOTH GRATES FOR CB-3 OR SINGLE GRATES FOR CB-3A.

UTILITY NOTES

UTILITIES DATA IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANIES AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THE ENGINEER OR THE OWNER IS NOT RESPONSIBLE OR LIABLE FOR DATA SUPPLIED BY OTHERS.

UTILITIES NOT UNDERGROUND, AND PRIVATE SEPTIC SYSTEMS IN SINGLE OR DOUBLE FAMILY DWELLINGS UTILIZED FOR ONLY THAT DWELLING AND NOT CONNECTED TO ANY OTHER SYSTEM ARE NOT INCLUDED ON THE PLAN.

WITHIN 10 DAYS OF THE AWARD OF THE CONTRACT, THE OWNER SHALL NOTIFY ALL UTILITIES OF THE NAME, ADDRESS AND PHONE NUMBER OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE REGISTERED UNDERGROUND UTILITY PROTECTION SERVICE AND NON-MEMBER OWNERS OF THE STARTING DATE AT LEAST TWO WORKING DAYS PRIOR TO STARTING WORK. THE UTILITY SHALL MARK, STAKE OR OTHERWISE DESIGNATE THE LOCATION OF THE UNDERGROUND FACILITIES WITHIN 48 HOURS OF RECEIVING THE CONTRACTORS NOTICE OF A STARTING DATE. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO DAYS AHEAD OF THE PLANNED CONSTRUCTION.

DURING CONSTRUCTION, THE CONTRACTOR SHALL REPORT IMMEDIATELY TO THE OWNERS OF THE UNDERGROUND FACILITIES ANY BREAK OR LEAK IN THE FACILITIES, OR ANY DENT, GOUGE, GROOVE OR OTHER DAMAGE. THE CONTRACTOR SHALL NOTIFY NEARBY OCCUPANTS OF ANY EMERGENCY SITUATION THAT MAY ARISE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL UTILITY ACTIVITIES AND SCHEDULES.

ALL UTILITY RELOCATIONS AND/OR ADJUSTMENTS SHALL BE COORDINATED BETWEEN CONTRACTOR AND THE UTILITY OWNERS IN SUCH A WAY AS TO AVOID AND/OR MINIMIZE ANY INCONVENIENCE TO POTENTIALLY AFFECTED CUSTOMERS. UPON THE CONTRACT AWARD, THE COORDINATION OF ALL NECESSARY UTILITY RELOCATIONS AND/OR ADJUSTMENTS SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.

MSD HAS EXISTING FACILITIES WITHIN THE CONSTRUCTION LIMITS OR PROJECT AREA THAT WILL STAY IN PLACE AND IN SERVICE. TO SCHEDULE AN MSD INSPECTOR, THE CONTRACTOR SHALL CONTACT RAY SCHORK OF MSD WWE INSPECTIONS AT 513.244.5537 OR MSDWWEINSPECTIONS@CINCINNATI-OH.GOV A MINIMUM OF FIVE (5) BUSINESS DAYS BEFORE STARTING CONSTRUCTION ON OR NEAR MSD SEWERS, INCLUDING ANY MANHOLE ADJUSTMENTS REQUIRED FOR THE PROJECT. MANHOLE ADJUSTMENTS MUST BE MADE PER MSD STANDARD DRAWING ACCESSION NOS. 49058 OR 49058-A

49058: SANITARY MANHOLE ADJUSTMENT USING BRICK AND MORTAR PRIOR TO MACHINE PAVING

49058-A: SANITARY MANHOLE ADJUSTMENT WITH PRECAST CONCRETE RING AND MORTAR PRIOR TO MACHINE PAVING

MAINTENANCE OF TRAFFIC NOTES

ITEM 614, MAINTAINING TRAFFIC

THE REQUIREMENTS FOR MAINTAINING TRAFFIC SHALL BE AS INDICATED IN THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", CURRENT EDITION, THE PROPOSAL, THE SPECIFICATIONS, AND THESE PLANS. ANY VARIANCE FROM THESE REQUIREMENTS SHALL BE APPROVED IN ADVANCE BY THE DIRECTOR IN WRITING.

A. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT TO THE ENGINEER AND THE OWNER A TRAFFIC CONTROL PLAN FOR THIS PROJECT. BEFORE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF PERSONS WHO CAN BE CONTACTED 24 HOURS A DAY BY THE CITY OF CHEVIOT AND ALL INTERESTED POLICE AGENCIES. THESE PERSONS SHALL BE RESPONSIBLE FOR PLACING OR REPLACING NECESSARY TRAFFIC CONTROL DEVICES TO MAINTAIN THE TRAVELED PAVEMENT SAFELY.
B. TRAFFIC SHALL BE MAINTAINED AT ALL INTERSECTIONS AND DRIVES AT ALL TIMES, AND SHALL BE CONTROLLED WITH FLAGGERS AND TRAFFIC CONTROL DEVICES AS REQUIRED AND SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
C. LANE CLOSURES THAT LIMIT TRAFFIC TO 1 WAY IS ALLOWABLE, AND SHALL BE FLAGGED IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
D. LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.
G. ANY COST FOR ITEMS NOT SPECIFICALLY NOTED UNDER THE MAINTENANCE OF TRAFFIC NOTE OR TEMPORARY PAVEMENT MARKING REQUIRED TO REOPEN LANES SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 614, MOT.

THE CONTRACTOR SHALL OBEY ALL LOCAL LAWS AND ORDINANCES INCLUDING ANY NOISE RESTRICTIONS.

MAINTENANCE OF TRAFFIC NOTES

ITEM 614, MAINTAINING TRAFFIC (CONT.)

THE CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF SPEC. 614.

SPECIFIC ATTENTION WILL BE DIRECTED TOWARD THE PROPER USE OF FLAGGERS, LIGHTS, DRUMS, AND TEMPORARY PAVEMENT MARKINGS. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY SIGNS, AND PROVIDE TEMPORARY STRIPING. ALL WORK ZONES SHALL CONFORM TO THE OHIO MANUAL OF UNIFORM CONTROL DEVICES. THE CONTRACTOR SHALL ALSO PROVIDE ALL PLATING, TEMPORARY PAVEMENT AND TRAFFIC CONTROL MEASURES NECESSARY TO MAINTAIN TRAFFIC. THE COST OF ALL TEMPORARY TRAFFIC CONTROL ITEMS NECESSARY TO SAFELY MAINTAIN TRAFFIC SHALL BE INCLUDED WITH PAYMENT FOR ITEM 614 MAINTAINING TRAFFIC.

MAINTENANCE OF TRAFFIC SHALL BE ONGOING THROUGH THE PROJECT, INCLUDING ALL PERIODS OF INACTIVITY BY THE CONTRACTOR, UNTIL FINAL ACCEPTANCE OF THE PROJECT.

MAINTAINING ADJACENT STREET TRAFFIC THE CONTRACTOR SHALL MAINTAIN TRAFFIC TO ALL ROADWAYS INTERSECTING THE CONSTRUCTION AREAS.

OPEN TRENCHES ALL OPEN TRENCHES FOR STORM SEWERS, WATERMAINS, ETC., SHALL BE PROPERLY DELINEATED FROM THE TRAVELED ROADWAY BY REFLECTIVE DRUMS. TRENCHES SHALL EITHER BE BACKFILLED OR COVERED FOR ANY EXTENDED PERIODS OF NO CONSTRUCTION IN ORDER TO MAINTAIN CONTINUOUS TWO-WAY TRAFFIC, PART WIDTH CONSTRUCTION AND OFF PEAK TRAFFIC VOLUME PERIODS (SEE NOTE "TIME RESTRICTIONS") SHALL BE UTILIZED TO CONSTRUCT ANY REQUIRED UTILITY CROSSOVERS, LATERALS, OR CATCH BASIN LEADS WITHIN THE TRAVELED ROADWAY.

MAINTENANCE OF DRIVEWAYS THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL DRIVEWAYS IN GOOD CONDITION WITH RESPECT TO BOTH SAFETY AND SMOOTHNESS OF TRAVEL FOR THE DURATION OF THE PROJECT. THE COST OF ADDITIONAL WORK AND MATERIAL NECESSARY TO REPAIR AND MAINTAIN THE DRIVEWAYS SHALL BE INCIDENTAL TO THE APPROPRIATE PAY ITEM.

CONSTRUCTION STIPULATION

A. THE CONTRACTOR SHALL NOT STORE MATERIALS AND EQUIPMENT, OPERATE EQUIPMENT ON OR OVER PROPERTY OTHER THAN THE PUBLIC RIGHT-OF-WAY OR AREAS THAT ARE A PART OF THE PROJECT CONSTRUCTION.

B. THE CONTRACTOR SHALL SUBMIT, IN WRITING, A SCHEDULE OF OPERATIONS TO THE ENGINEER AND RECEIVE APPROVAL BEFORE STARTING WORK ON THIS PROJECT.

C. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ORGANIZE THE WORK IN SUCH A MANNER TO PROVIDE THE MOST SAFETY WITH THE LEAST INCONVENIENCE TO THE TRAVELING PUBLIC.

D. THE CONTRACTOR SHALL ALSO FURNISH, INSTALL, MAINTAIN, AND REMOVE ALL ADDITIONAL SIGNS OR TRAFFIC CONTROL DEVICES DEEMED NECESSARY BY THE ENGINEER WITH ALL ASSOCIATED COSTS INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 - "MAINTENANCE OF TRAFFIC AS PER PLAN."

E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING SAFE AND EFFECTIVE TRAFFIC CONTROL 24-HOURS A DAY FOR THE DURATION OF THIS PROJECT. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR.

THE CONTRACTOR SHALL NOTIFY AFFECTED RESIDENTS 48 HOURS IN ADVANCE BEFORE COMMENCING WORK .

TEMPORARY BLOCKING OF THE DRIVEWAY TO ANY RESIDENTIAL PROPERTY DURING CONSTRUCTION IS ALLOWABLE (MAX. 120 HOURS). HOWEVER, ACCESS TO PROPERTIES FOR DELIVERIES, SERVICE, EMERGENCY VEHICLES, ETC., SHALL BE MAINTAINED AT ALL TIMES. IN ADDITION, THE CONTRACTOR MUST NOTIFY ALL RESIDENTS IN WRITING 48 HOURS BEFORE COMMENCING TO ALLOW THEM ADEQUATE TIME TO MOVE ANY VEHICLE IN OR OUT.

THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO THE RESIDENT AND/OR BUSINESS AND GIVE A COPY OF SAID WRITTEN NOTICE TO THE PROJECT INSPECTOR 48 HOURS PRIOR TO BEING ALLOWED TO COMMENCE WORK WHICH WOULD INVOLVE ACCESS TO SAID PROPERTY.

TEMPORARY SIDEWALKS, ETC. WILL BE NECESSARY TO PREVENT PERSONS FROM WALKING IN MUD IN ORDER TO ENTER THEIR PROPERTY. TEMPORARY BRIDGES, RAILINGS ETC. WILL BECOME NECESSARY IN ORDER TO CROSS FORMED CURB LINES, EXCAVATED AREAS BEHIND CURB LINES AND WALKWAYS, ETC. THESE TEMPORARY SIDEWALKS, ETC. SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT. THE CONTRACTOR SHALL REFER TO FIGURE 6H-28 FOR SIDEWALK DETOUR OR DIVERSIONS, AND FIGURE 6H-29 FOR CROSSWALK CLOSURES AND PEDESTRIAN DETOURS IN THE 2009 MUTCD FOR GUIDANCE ON MANAGING PEDESTRIANS IN THE VICINITY OF WORK ZONES WITHIN SIDEWALK AREAS. THE CONTRACTOR SHALL PROVIDE AS A MINIMUM THESE LEVELS OF TEMPORARY PEDESTRIAN SIGNING AND PROTECTION MEASURES FOR THIS PROJECT.

PROPOSED SIGN LOCATIONS ARE APPROXIMATE AND SHALL BE MODIFIED IN THE FIELD TO AVOID CONFLICTS WITH OBSTRUCTIONS.

HOLIDAY TRAFFIC LIMITATION NO WORK SHALL BE PERFORMED, AND ALL EXISTING LANES WHICH ARE NOT INSIDE A DESIGNATED WORK ZONE SHALL BE OPEN TO TRAFFIC DURIGN THE FOLLOWING DESIGNATED HOLIDAY OR EVENTS:

MEMORIAL DAY (LAST MONDAY IN MAY)
INDEPENDENCE Day (JULY 4)
LABOR DAY (FIRST MONDAY IN SEPTEMBER)
THANKSGIVING DAY (FOURTH THURSDAY IN NOVEMBER)

NO EXTENSIONS OF TIME SHALL BE GRANTED FOR DELAYS IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY-WIDE, OR FOR LABOR STRIKES, UNLESS SUCH STRIKES ARE AREA-WIDE.

CASTING ADJUSTMENTS IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DELINEATE ANY CASTINGS THAT MAY PROTRUDE ABOVE THE MILLED ASPHALT SURFACE. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT MATERIAL IN THE VICINITY OF THESE CASTINGS TO PROVIDE AN ADEQUATE RAMP AROUND THE CASTINGS. IN NO CASE SHALL THE CASTING REMAIN EXPOSED WITHOUT PROPER PROTECTION. ALL COSTS RESULTING FROM THE ABOVE REQUIREMENTS SHALL BE CONSIDERED TO BE INCLUDED IN THE LUMP SUM BID ITEM PRICE FRO ITEM 614 - MAINTAINING TRAFFIC.

INSTALLATION OF WORK ZONE PAVEMENT MARKINGS AND SIGNS
ALL WORK ZONE PAVEMENT MARKINGS AND SIGNS REQUIRED FOR A PARTICULAR LANE CLOSURE OR TRAFFIC PATTERN SHALL BE INSTALLED ON A SINGLE WORKDAY, AND THE CORRESPONDING TRAFFIC PATTERN, AS DETAILED ON THE PLANS, SHALL BE IMPLEMENTED IMMEDIATELY. IN ADDITION, THE REQUIREMENTS OF 614.11(G) SHALL APPLY. THE CONTRACTOR SHALL BE RESPONSIBLE, WITH THE ASSISTANCE OF THE ENGINEER, FOR THE ENTIRE LAYOUT AND LOCATIONS OF THE REQUIRED PAVEMENT MARKINGS.

SYMBOL LEGEND

Symbol	Description
GAS	*EXISTING GAS LINE*
GS	*EXISTING GAS SERVICE*
ELEC-UG / ELEC-OH	*EXISTING ELECTRIC (UNDERGROUND / OVERHEAD)*
CATV-UG / CATV-OH	*EXISTING CABLE (UNDERGROUND / OVERHEAD)*
TEL-UG / TEL-OH	*EXISTING TELEPHONE (UNDERGROUND / OVERHEAD)*
WAT	*EXISTING WATER MAIN*
WS	*EXISTING WATER SERVICE*
STM	*EXISTING STORM SEWER*
RD	*EXISTING ROOF DRAIN*
SAN	*EXISTING SANITARY SEWER*
FM	*EXISTING SANITARY FORCE MAIN*
FOC	*EXISTING FIBER OPTICS*
X	*EXISTING FENCE*
650	*EXISTING CONTOURS (MAJOR)*
648	*EXISTING CONTOURS (MINOR)*
EX. R/W	*EXISTING RIGHT OF WAY*
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	EXISTING GUARDRAIL
	EXISTING TREE LINE
GAS	PROPOSED GAS LINE
GS	PROPOSED GAS SERVICE
ELEC-UG / ELEC-OH	EXISTING ELECTRIC (UNDERGROUND / OVERHEAD)
CATV-UG / CATV-OH	PROPOSED CABLE (UNDERGROUND / OVERHEAD)
TEL-UG / TEL-OH	PROPOSED TELEPHONE (UNDERGROUND / OVERHEAD)
	PROPOSED WATER MAIN
WS	PROPOSED WATER SERVICE
	PROPOSED STORM SEWER
	PROPOSED UNDERDRAIN
UD/DSC	PROPOSED UNDERDRAIN / DOWNSPOUT COLLECTOR COMBO
	PROPOSED SANITARY SEWER
SAN-FM	PROPOSED SANITARY FORCE MAIN
FOC	PROPOSED FIBER OPTICS
X	PROPOSED FENCE
650	PROPOSED CONTOURS (MAJOR)
648	PROPOSED CONTOURS (MINOR)
	PROPOSED RIGHT OF WAY
	PROPOSED PROPERTY LINE
	PROPOSED EASEMENT
	PROPOSED GUARDRAIL
	PROPOSED TREE LINE / CLEARING LIMITS
	PROPOSED DISTURBED LIMITS

Symbol	Description	Symbol	Description
	EXISTING FLAGPOLE		PROPOSED FLAGPOLE
MB	*EXISTING MAILBOX*	MB	PROPOSED MAILBOX
	EXISTING SIGN		PROPOSED SIGN
CP	*EXISTING CABLE PEDESTAL*	CP	PROPOSED CABLE PEDESTAL
EP	*EXISTING ELECTRIC PEDESTAL*	EP	PROPOSED ELECTRIC PEDESTAL
PB	*EXISTING PULL BOX*	PB	PROPOSED PULL BOX
	EXISTING GROUND LIGHT		PROPOSED GROUND LIGHT
	EXISTING LIGHT POLE		PROPOSED LIGHT POLE
EM	*EXISTING ELECTRIC METER*	EM	PROPOSED ELECTRIC METER
E	*EXISTING ELECTRIC MANHOLE*	E	PRPOSED ELECTRIC MANHOLE
GM	*EXISTING GAS METER*	GM	PROPOSED GAS METER
GV	*EXISTING GAS VALVE*	GV	PROPOSED GAS VALVE
GF	*EXISTING GAS BOX*	GF	PROPOSED GAS BOX
	EXISTING UTILITY POLE		PROPOSED UTILITY POLE
	EXISTING GUY WIRE / ANCHOR		PROPOSED GUY WIRE / ANCHOR
S	*EXISTING SANITARY MANHOLE*	S	PROPOSED SANITARY MANHOLE
SCO	*EXISTING SANITARY CLEANOUT*	SCO	PROPOSED SANITARY CLEANOUT
D	*EXISTING STORM MANHOLE*	D	PROPOSED STORM MANHOLE
	EXISTING SINGLE / DOUBLE CURB INLET		PROPOSED SINGLE / DOUBLE CURB INLET
	EXISTING CATCH BASIN		PROPOSED CATCH BASIN
DCO	*EXISTING STORM CLEANOUT*	DCO	PROPOSED STORM CLEANOUT
T	*EXISTING TELEPHONE MANHOLE*	T	PROPOSED TELEPHONE MANHOLE
TP	*EXISTING TELEPHONE PEDESTAL*	TP	PROPOSED TELEPHONE PEDESTAL
	EXISTING FIRE HYDRANT		PROPOSED FIRE HYDRANT
WM	*EXISTING WATER METER*	WM	PROPOSED WATER METER
WV	*EXISTING WATER VALVE*	WV	PROPOSED WATER VALVE
	EXISTING BUSHES / TREES		REMOVE EXISTING BUSH / TREE
	EXISTING SURVEY BENCHMARK		PROPOSED SLOPE DIRECTION
TB	*TEST BORING LOCATION*		

NO	REVISION	DATE

ISSUED FOR:	BID
ISSUE DATE:	8/4/2025
SCALE:	
DESIGNED BY:	PMAD
DRAWN BY:	PMAD
CHECKED BY:	SRIG

BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS
CITY OF CHEVIOT
HAMILTON COUNTY, OHIO

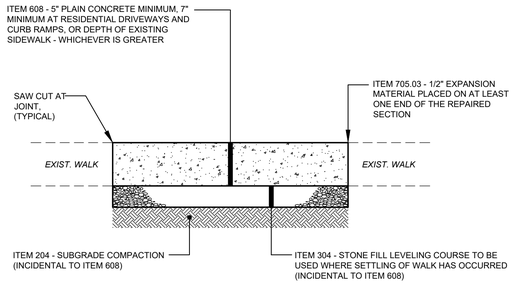
NOTES AND LEGEND

PROJECT NO. **32088**

DISCIPLINE **CIVIL**

SHEET NAME **NOTES**

SHEET **2** OF **12**



ITEM 608 - SIDEWALK REPLACEMENT

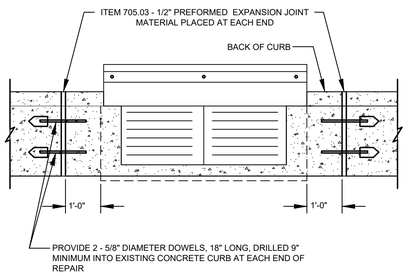
NOTES:

1.) THE CITY SHALL MARK IN THE FIELD THE WALK TO BE REPLACED. REPLACEMENT WALK SHALL MATCH THE LINE AND GRADE OF THE EXISTING WALK AND THE SAME JOINT PATTERN SHALL BE MAINTAINED. ITEM 705.03 - 1/2" PREFORMED EXPANSION JOINT MATERIAL SHALL BE PLACED ON AT LEAST ONE END OF THE REPAIRED AREA. ALL REPAIRS ARE TO BE MADE TO THE NEAREST JOINT. ANY DAMAGE TO ADJACENT WALK OR DRIVEWAY BY THE CONTRACTOR SHALL BE REPAIRED AND THE COST SHALL BE INCURRED BY THE CONTRACTOR.

2.) THE FINISH APPLIED TO THE CONCRETE WALK SHALL BE CONSISTENT WITH THE EXISTING WALK IT IS TO MATCH AND BE APPROVED BY THE CITY. ALL JOINTS AND OUTSIDE EDGES OF THE WALK SHALL BE TOOLED WITH AN EDGER OR JOINT TOOL AFTER BROOMING OR HAND FINISHING OF THE FINAL SURFACE.

3.) THE REPLACEMENT SIDEWALK SHALL BE A MINIMUM THICKNESS OF 7" AT RESIDENTIAL APRONS.

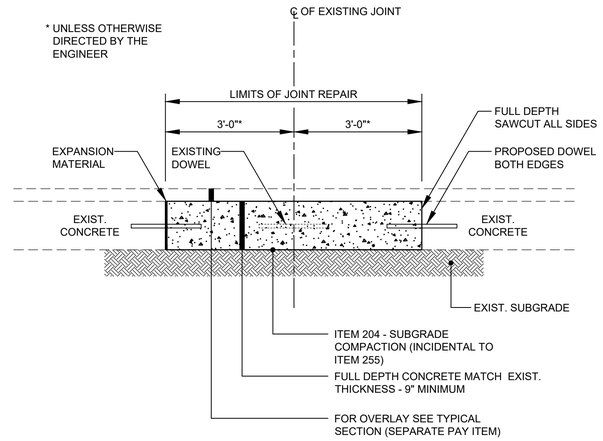
4.) ALL DISTURBED YARD AREAS SHALL BE RESTORED TO GRADE, SEEDED, AND MULCHED BEFORE THE WORK IS APPROVED FOR PAYMENT AND SHALL BE INCIDENTAL TO ITEM 608.



ITEM 609 - VERTICAL CURB REPLACEMENT ADJACENT TO CB

NOTES:

1.) SEE ODOT STANDARD DRAWINGS CB-3 & CB-3A

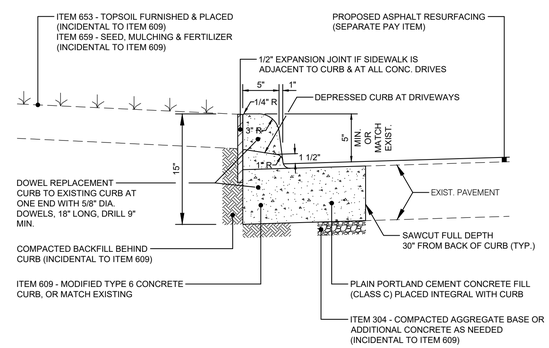


NOTES:

1.) USE 304 COMPACTED AGGREGATE BASE TO FILL VOIDS AS DIRECTED BY ENGINEER. ITEM 304 SHALL BE INCIDENTAL TO ITEM 255.

2.) SEE ODOT STANDARD DRAWING BP-2.5.

ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT DETAIL
NTS



ITEM 609 - CURB, MISC.: MODIFIED TYPE 6 CONCRETE CURB REPLACEMENT

NOTES:

1.) CONTRACTOR SHALL FILL BEHIND CURB TO TOP OF CURB WITH TOPSOIL AND RESTORE YARD WITH TOPSOIL AND/OR SEEDING AND MULCHING WHICH SHALL BE INCIDENTAL TO ITEM 609.

2.) MAXIMUM SPACING OF EXPANSION JOINTS IS FORTY (40) FEET AND THE MAXIMUM SPACING FOR CONTRACTION JOINTS IS TEN (10) FEET.

3.) CONCRETE SHALL BE 4000 PSI AT 28 DAYS WITH 5% MIN. TO 8% MAX. ENTRAINED AIR.

4.) THE MIN. CURB REPLACEMENT SHALL BE 3'-0". EXPANSION MATERIAL AND DOWELS SHALL BE PLACED ON AT LEAST ONE END OF THE REPAIRED SECTION.

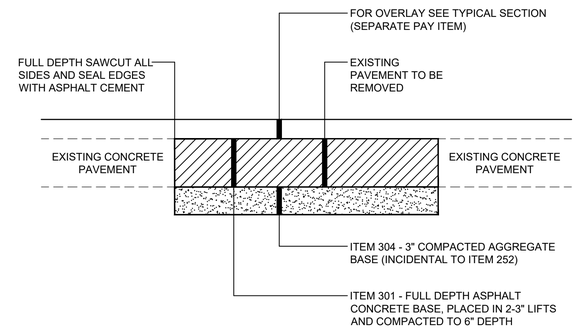
5.) DOWELING WILL BE REQUIRED AT EXPANSION JOINTS IN THE NEW CURB. TWO DOWELS SHALL BE PLACED PER DETAIL. EXPANSION JOINTS SHALL BE PLACED:

A.) AT A MAXIMUM SPACING OF 40' (IF HAND FORMED).
B.) ONE FOOT ON EACH SIDE OF CATCH BASIN PER ODOT STANDARD DRAWINGS.
C.) ALL CURB RADII RETURNS AND AT ALL STOP IN POURS.
D.) WHERE THE NEW CURB MEETS THE EXISTING CURB.

7.) THE DIMENSIONS ABOVE MAY BE MODIFIED BY THE ENGINEER IN THE FIELD TO MATCH THE DIMENSIONS OF THE VARIOUS EXISTING CURBS TO BE REMOVED.

8.) DEPRESSED CURB AT DRIVEWAYS. HEIGHT OF CURB TO BE 2" AT BACK OF CURB TO 1 1/2" AT FACE OF CURB ABOVE NEW SURFACE COURSE.

9.) REMOVAL AND DISPOSAL OF EXISTING CURB SHALL BE INCIDENTAL TO THIS ITEM.



ITEM 252 - FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT DETAIL
NTS

verdantas

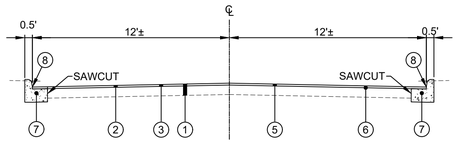
NO	REVISION	DATE

ISSUED FOR:	BID
ISSUE DATE:	8/4/2025
SCALE:	
DESIGNED BY:	PMAD
DRAWN BY:	PMAD
CHECKED BY:	SRNG

BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS
CITY OF CHEVIOT
HAMILTON COUNTY, OHIO

DETAILS

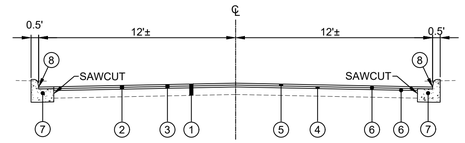
PROJECT NO. 32088
DISCIPLINE: CIVIL
SHEET NAME: DET
SHEET 3 OF 12



LEGEND

1. EXISTING PAVEMENT
2. EXISTING ASPHALT SURFACE COURSE
3. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE, (1-1/2")
4. NOT USED
5. ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 , FIBER REINFORCED (1 1/2")
6. ITEM 407 - TRACKLESS TACK COAT AT 0.10 GAL./S.Y.
7. ITEM 609 - CURB, MISC.: MODIFIED TYPE 6 CONCRETE CURB REPLACEMENT (SPOT REPLACE)
8. 3" WIDE SEAL OF ASPHALT BINDER WHERE ASPHALT MEETS CURB FOLLOWING THE PLACEMENT OF ITEM 448 SURFACE COURSE. (INCIDENTAL TO ITEM 441)

NOLEN AVENUE - PAVEMENT MILL AND OVERLAY

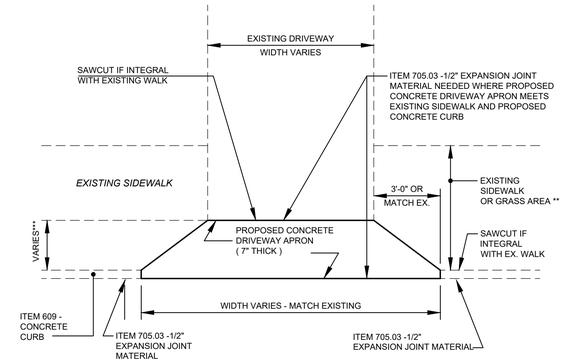


LEGEND

1. EXISTING PAVEMENT
2. EXISTING ASPHALT PAVEMENT
3. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE, (3")
4. ITEM 441 - ASPHALT CONCRETE LEVELING COURSE, TYPE 1, PG 64-22 (448) (1-1/2")
5. ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 , FIBER REINFORCED (1 1/2")
6. ITEM 407 - TRACKLESS TACK COAT AT 0.10 GAL./S.Y.
7. ITEM 609 - CURB, MISC.: MODIFIED TYPE 6 CONCRETE CURB REPLACEMENT (SPOT REPLACE)
8. 3" WIDE SEAL OF ASPHALT BINDER WHERE ASPHALT MEETS CURB FOLLOWING THE PLACEMENT OF ITEM 448 SURFACE COURSE. (INCIDENTAL TO ITEM 441)

BRIDGETOWN ROAD - PAVEMENT MILL AND OVERLAY

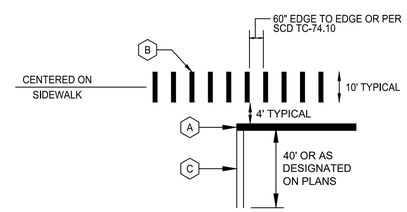
*NOTE - PROFILE AND ALIGNMENT - PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT



ITEM 452, NON-REINFORCED CONCRETE PAVEMENT, MISC.: 7" PLAIN PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL & REPLACEMENT

** WHERE SIDEWALK ABUTS CURB, EXTENT OF WALK REMOVAL AND REPLACEMENT TO BE FIELD DETERMINED.

*** 5' WHERE GRASS STRIP IS GREATER THAN 5' IN WIDTH

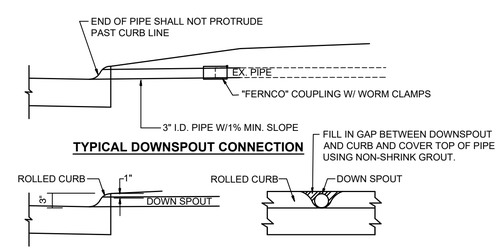


LEGEND

- A ITEM 644 - 24" STOP LINE
- B ITEM 644 - CROSSWALK LINE, 24"
- C ITEM 644 - 4" SOLID DOUBLE YELLOW CENTERLINE

ITEM 644 - PAVEMENT MARKING DETAIL

N.T.S.



TYPICAL DOWNSPOUT CONNECTION

NOTES: CONDUIT MATERIAL SHALL BE CAST IRON. SIZE TO MATCH EXISTING DOWNSPOUT.

DOWNSPOUT LEADER IS TO DRAIN ONLY DOWNSPOUTS, AND SHALL NOT BE CONNECTED TO ANY UNDERGROUND WATER SOURCE.

ITEM 611, DOWNSPOUT CONDUIT, MISC : PVC SCHEDULE 40 PIPE, 3"

N.T.S.

verdantas

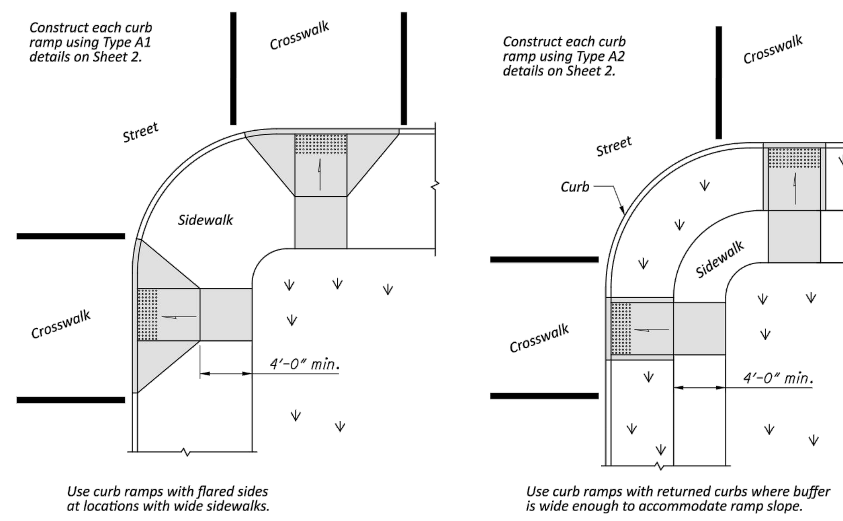
NO	REVISION	DATE

ISSUED FOR:	BID
ISSUE DATE:	8/4/2025
SCALE:	
DESIGNED BY:	PMAD
DRAWN BY:	PMAD
CHECKED BY:	SRIG

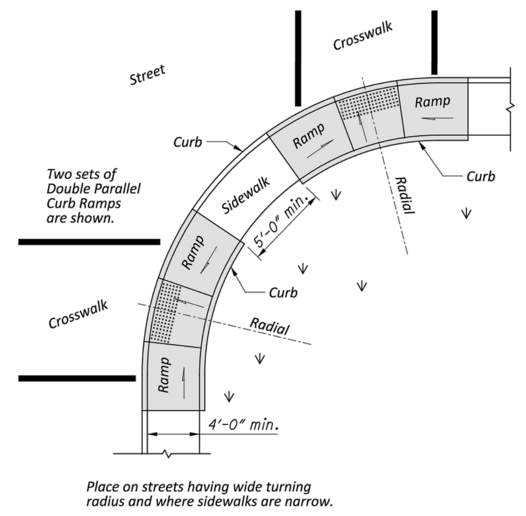
BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS
CITY OF CHEVIOT
HAMILTON COUNTY, OHIO

DETAILS 2

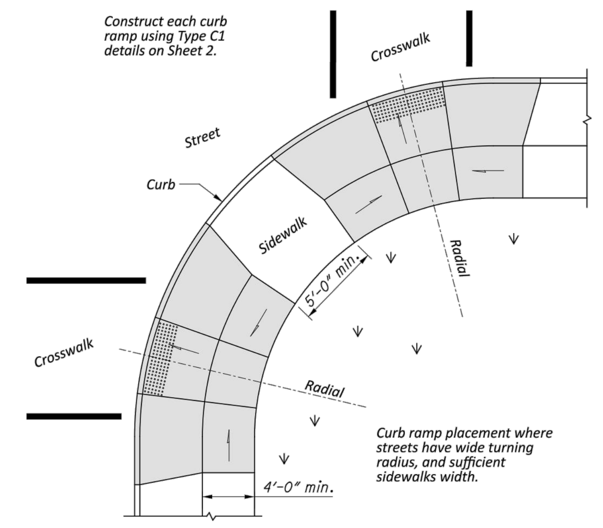
PROJECT NO. 32088
DISCIPLINE CIVIL
SHEET NAME DET2
SHEET 4 OF 12



PERPENDICULAR CURB RAMPS

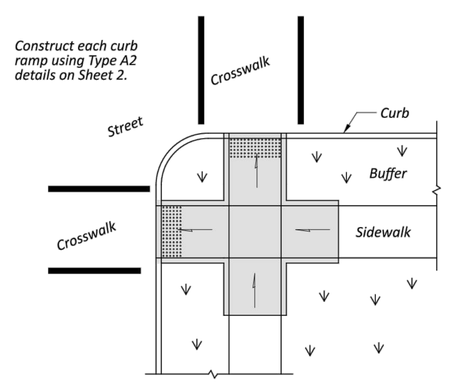


PARALLEL CURB RAMPS



COMBINATION CURB RAMPS

PREFERRED CONSTRUCTION PLACEMENT



NOTES

GENERAL: This drawing shows curb ramp types details and placement examples for curb ramp construction, including the installation of detectable warnings.

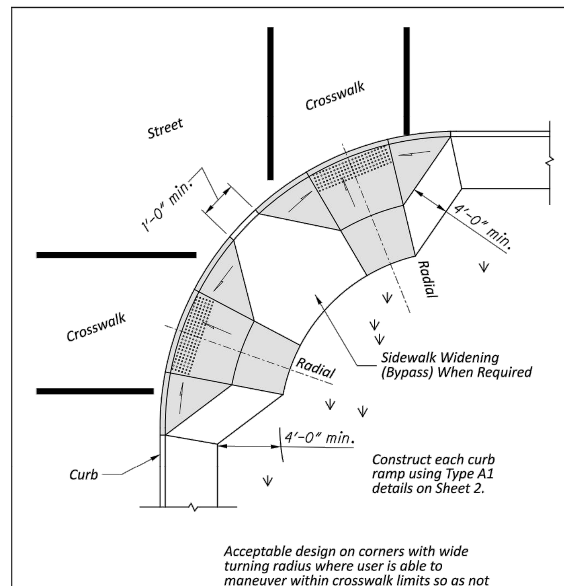
Curb ramp types are shown on Sheet 2 and include Perpendicular, Parallel, and Combined types as specified to be constructed in the locations shown on the project plans.

Curb ramps added to an existing intersection or walk should be individually detailed on the project plans to assure that the design is appropriate for site constraints and all items can be constructed to ADA standards. The contractor may adjust the placement of curb ramps if existing field conditions warrant with the approval of the Engineer.

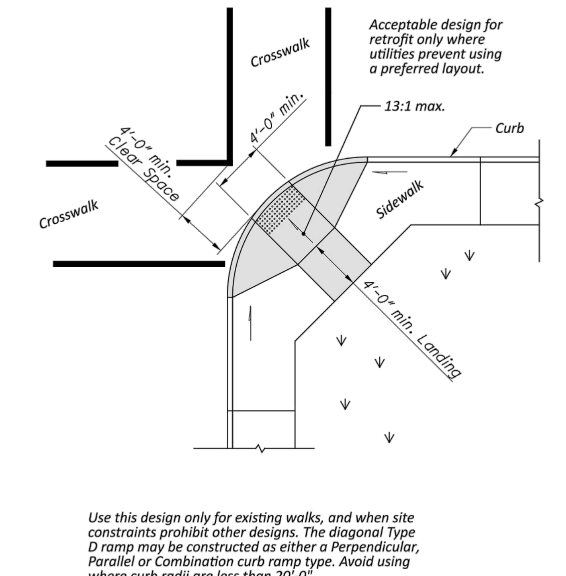
PAYMENT: Measure and pay for the ramp area within the shaded limits of this drawing as Item 608 Curb Ramp, Square Foot. This includes the cost of any curb or curb and gutter, detectable warnings, landing areas and any additional materials, installation, grading, forming, and finishing required within the shaded area.

Work beyond the shaded ramp/landing area is paid for as curb (609) and walk (608). Removal of existing curb, walk (or existing curb ramps) are paid under Item 202.

For at-grade crossing locations where only detectable warnings are required in order to acheive ADA compliance, measure and pay for the strip of detectable warnings as Item 608 Detectable Warning, Square Foot. The work to cast the tiles in place will also require removal of existing pavement (Item 202) to the nearest joint, or if no joint exists, a minimum of 4 feet.



PERPENDICULAR RAMPS



DIAGONAL RAMP (Type D)

ACCEPTABLE CONSTRUCTION PLACEMENT

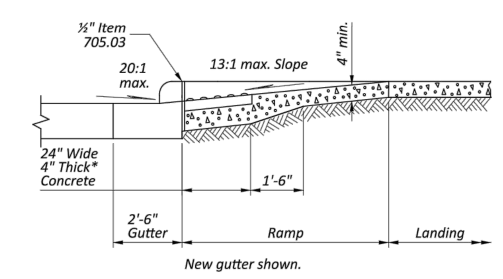
BP-7.1

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 6/6/2024 TIME: 12:28:15 PM USER: ahollow1
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\03 Standards\PIS_SCD\Roadway\Working Folder\2024\07_July\BP-7.1_2024-01-19.dgn

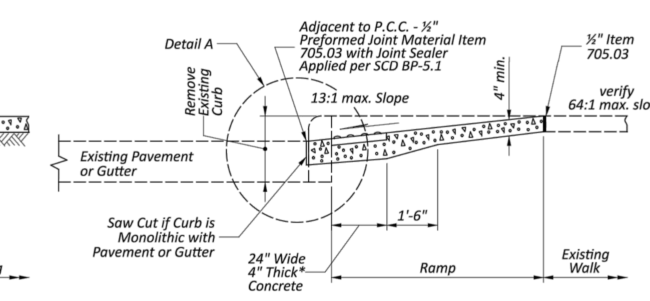
THIS DRAWING REPLACES BP-7.1 DATED 07-21-2023.

STANDARD ROADWAY CONSTRUCTION DRAWING
NEW CURB RAMPS
(with Detectable Warnings)

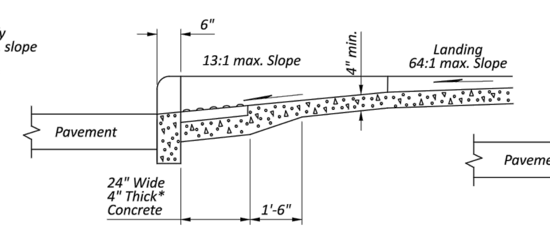
OFFICE OF ROADWAY ENGINEERING
REVISIONS: 01-21-2022, 01-20-2023, 07-21-2023, 01-19-2024, 07-19-2024
STDS ENGINEER: D. Fisher
STATE OF OHIO OFFICE OF ROADWAY ENGINEERING ADMINISTRATOR: Adam Koenig
DESIGN AGENCY
SCD NUMBER: BP-7.1
SHEET: P.1 TOTAL: 4



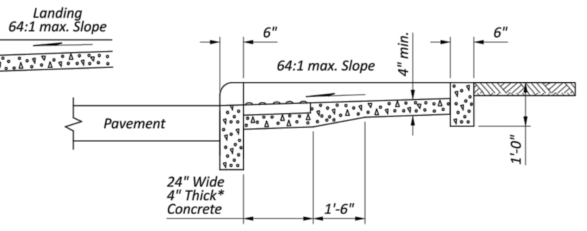
SECTION A-A
NORMAL DETAIL
See Sheet 2.



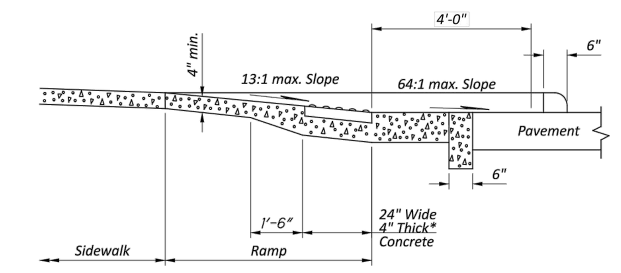
SECTION A-A
EXISTING WALK DETAIL
See Sheet 2.



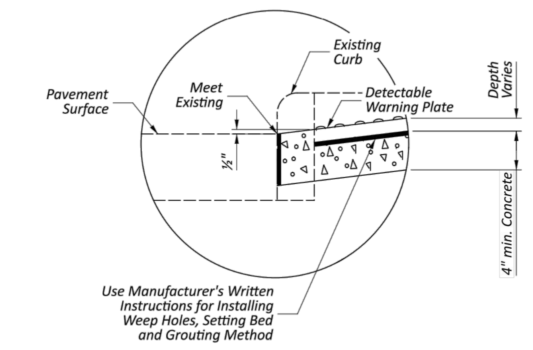
SECTION B-B
See Sheet 2.



SECTION C-C
See Sheet 2.



SECTION D-D
See Sheet 2.
*Where possible, pour ramp area integral with the curb, otherwise use 6" thick walk.



DETAIL A

DETECTABLE WARNINGS NOTES

GENERAL: Detectable Warnings are a distinctive surface pattern of truncated domes which are detectable by cane or underfoot to alert people with vision impairments of their approach to streets and hazardous drop-offs.

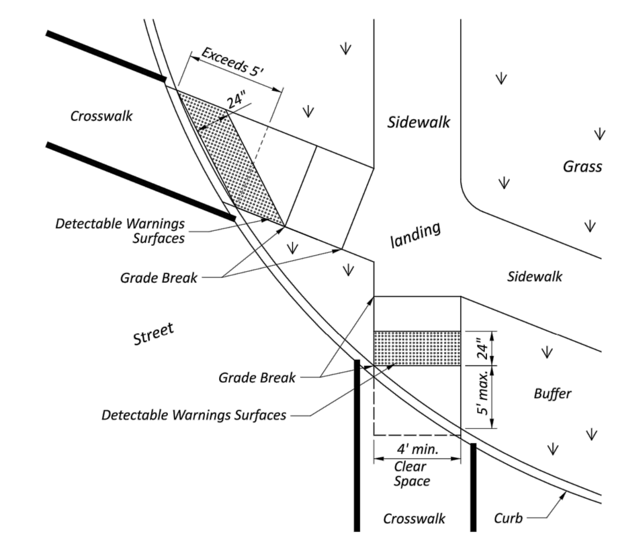
PLACEMENT: Detectable warnings are to be installed at any location where pedestrians might cross paths with vehicular traffic lanes, such as the base of curb ramps or at blended curbs. A 24" strip of domes is to be installed for the full width of the ramp or walk. Typical street corner placement locations are shown on Sheet 1.

Some detectable warning products require a concrete border for proper installation. The concrete border should not exceed 2". Where the back of curb edge is tooled to provide a radius, the border dimension should be measured from the end of the radius.

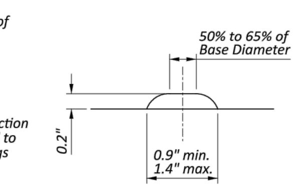
The depth of concrete underneath detectable warning products shall be a minimum of 4". See DETAIL A.

ALIGNMENT: Truncated domes should be aligned with the primary direction of the ramp as shown on the DETECTABLE WARNING ALIGNMENT Detail to direct pedestrians toward the landing. Normally the detectable warnings should be flush with the back of the curb, but for skewed conditions see DETECTABLE WARNING ALIGNMENT Detail. For non-standard layouts, detectable warning materials may have to be mitered and placed segmentally.

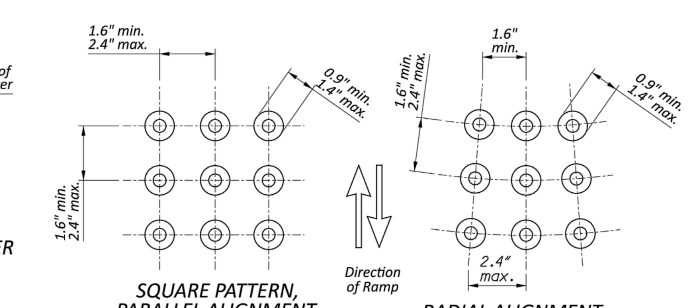
PRODUCTS & COLORS: Color of the detectable warnings should contrast with surrounding concrete walk and ramp. Black is not an acceptable color. Approved products and guidance on color may be found on the Office of Roadway Engineering Service's Detectable Warnings Approved List. Install products as per manufacturer's printed instructions.



DETECTABLE WARNING ALIGNMENT
FOR DIRECTIONAL CURB RAMPS



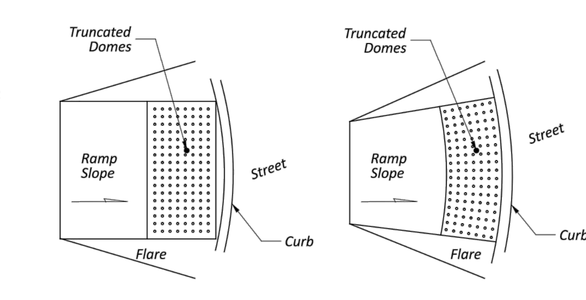
HEIGHT AND DIAMETER



SQUARE PATTERN, PARALLEL ALIGNMENT

RADIAL ALIGNMENT

TRUNCATED DOMES DETAILS



DOME ALIGNMENT ON RADIUSED CURB

BP-7.1

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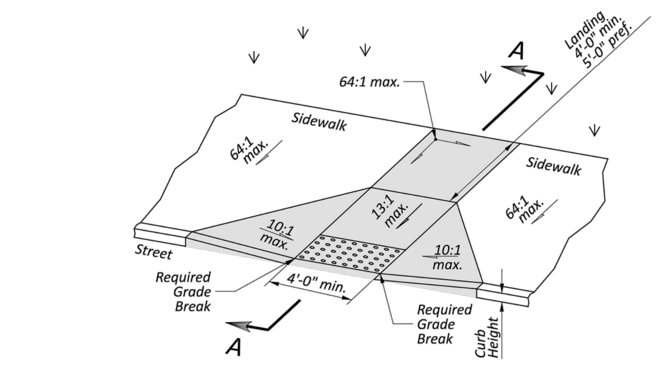
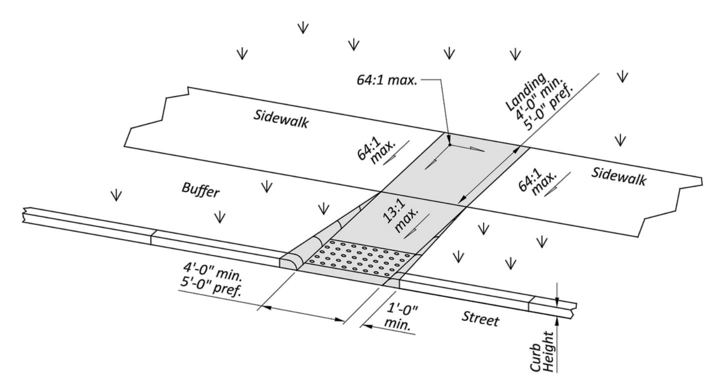
THIS DRAWING REPLACES BP-7.1 DATED 07-21-2023.

STANDARD ROADWAY CONSTRUCTION DRAWING
NEW CURB RAMPS
(with Detectable Warnings)

OFFICE OF ROADWAY ENGINEERING
REVISIONS: 01-21-2022, 01-20-2023, 07-21-2023, 01-19-2024, 07-19-2024
STDS ENGINEER: D. Fisher
STATE OF OHIO OFFICE OF ROADWAY ENGINEERING ADMINISTRATOR: Adam Koenig
DESIGN AGENCY
SCD NUMBER: BP-7.1
SHEET: P.3 TOTAL: 4

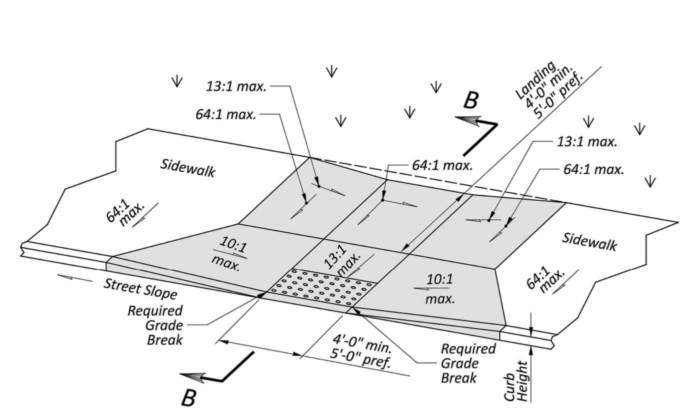


Type A1 (Perpendicular with flared sides)

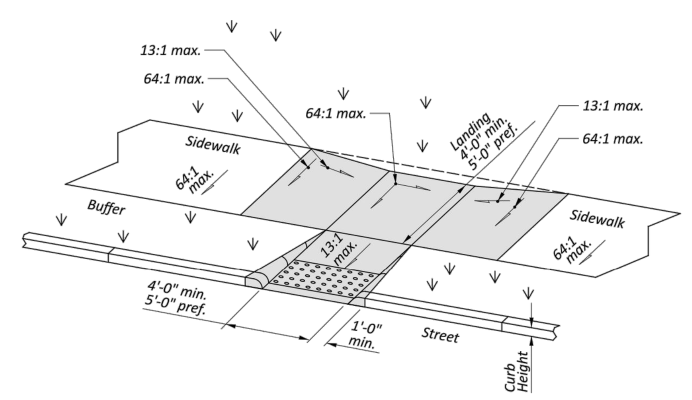


Type A2 (Perpendicular with returned curb)

PERPENDICULAR CURB RAMP DETAILS



Type C1 (Combined with flared sides)



Type C2 (Combined with returned curb)

COMBINED CURB RAMP DETAILS

NOTES CONTINUED

The running slope of the curb ramp shall be a 13:1 maximum or flatter. In existing sidewalks, where the maximum ramp slope is not feasible due to site constraints (e.g. utility poles or vaults, right-of-way limits) it may be reduced as follows:

A) 10:1 for a max. rise of 6",
B) 8:1 for a max. rise of 3",
C) 6:1 over a max. run of 2'-0" for historic areas where a flatter slope is not feasible.

To prevent chasing the grade indefinitely, the transition from existing sidewalk to the shaded curb ramp area is not required to exceed 15 feet in length.

While ramps may be skewed to the crosswalk, the entire lower landing area must fall within the cross walk that the ramp serves and cannot be located in the traveled lane of opposing traffic.

The counter slope of the gutter or street at the foot of a curb ramp, landing, or blended transitions shall be 20:1 or flatter.

The bottom edge of the ramp shall change planes perpendicular to the landing.

The edge of the curb shall be flush with the edge of the adjacent pavement and gutter and surface slopes that meet grade breaks shall also be flush.

Ramp landings shall be 4' min. x 4' min. with a 64:1 or flatter cross slope and running slope.

Provide 24" wide level strip if the algebraic difference between the ramp slope and the street exceeds 11%.

DETECTABLE WARNINGS: Install Detectable Warnings on each curb ramp with approved materials, as shown on Sheet 3. Install these proprietary products as per manufacturer's written instructions.

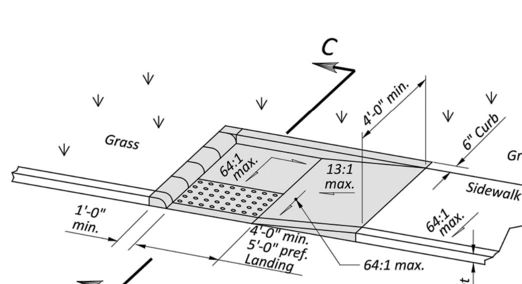
BLENDED TRANSITIONS: Blended Transititons do not require a landing since the slopes shall not exceeed 5%.

DRAINAGE: Contractor is to ensure the base of each constructed curb ramp allows for proper drainage, without exceeding allowable cross slope or ramp slopes. Vertical change in level exceeding ⅛" between the 1) pavement and gutter, and 2) gutter and ramp, are not allowed.

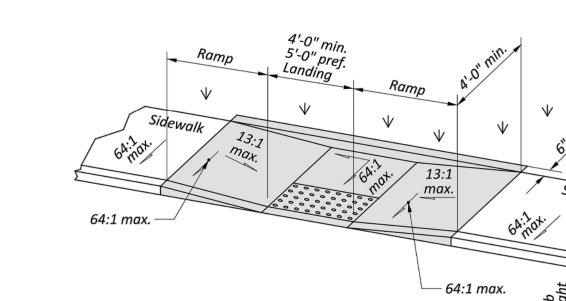
SURFACE TEXTURE: Texture concrete surfaces by coarse brooming transverse to the ramp slopes to be rougher than the adjacent walk.

JOINTS: Provide expansion joints in the curb ramp as extensions of walk joints and consistent with Item 608.03 requirements for a new concrete walk. Provide a ½" Item 705.03 expansion joint filler around the edge of ramps built in existing concrete walks. Lines shown on this drawing indicate the ramp edges and slope changes, and do not necessarily indicate joint lines.

See Sheet 3 for Sections.

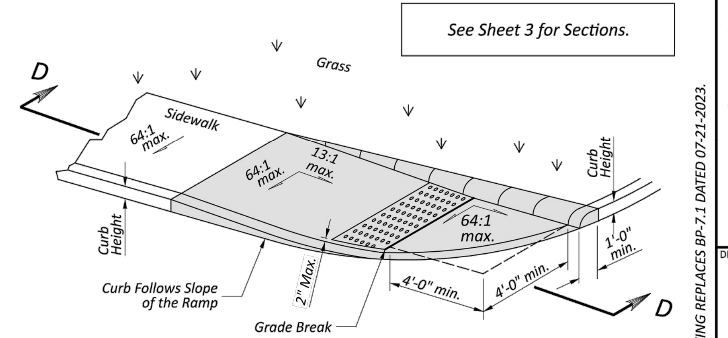


Type B1 (Single sided Parallel)



Type B2 (Double sided Parallel)

PARALLEL CURB RAMP DETAILS



Type B3 (Single sided Parallel)

BP-7.1

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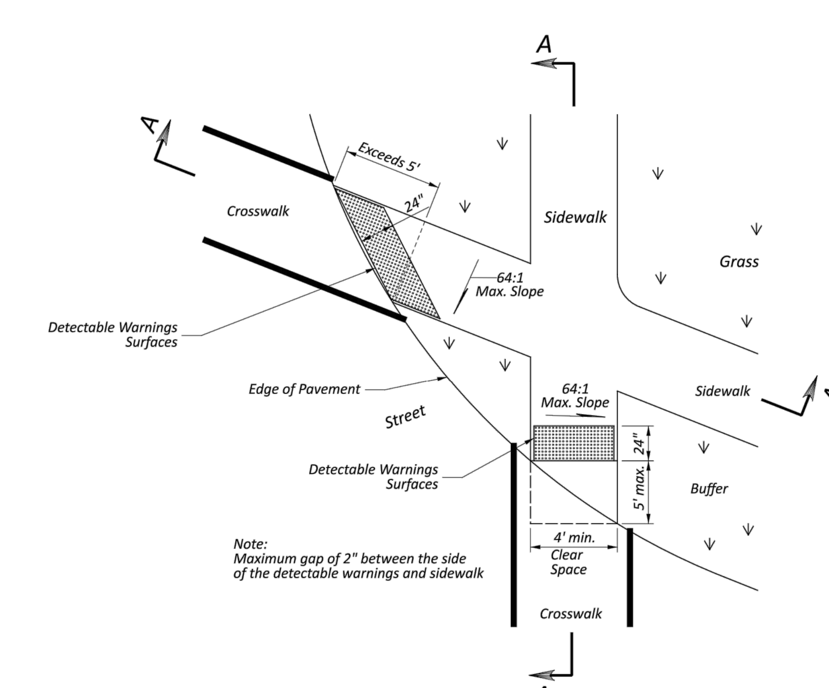
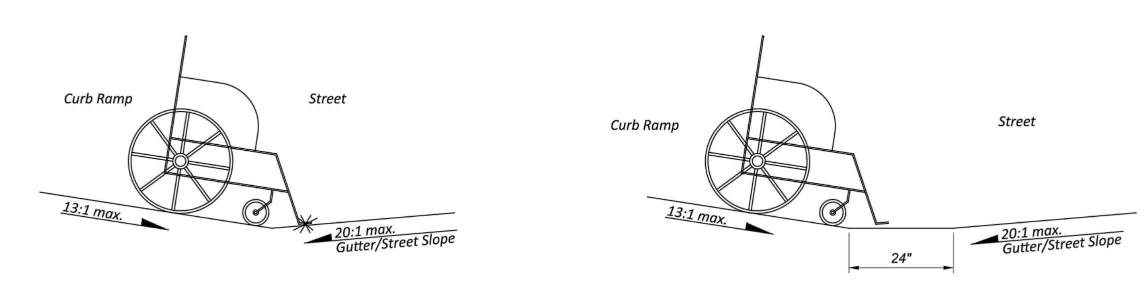
THIS DRAWING REPLACES BP-7.1 DATED 07-21-2023.

STANDARD ROADWAY CONSTRUCTION DRAWING
NEW CURB RAMPS
(with Detectable Warnings)

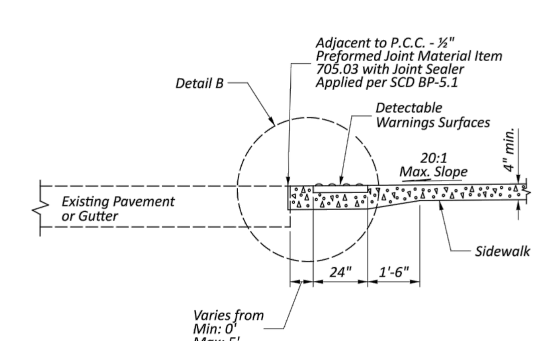
OFFICE OF ROADWAY ENGINEERING
REVISIONS: 01-21-2022, 01-20-2023, 07-21-2023, 01-19-2024, 07-19-2024
STDS ENGINEER: D. Fisher
STATE OF OHIO OFFICE OF ROADWAY ENGINEERING ADMINISTRATOR: Adam Koenig
DESIGN AGENCY
SCD NUMBER: BP-7.1
SHEET: P.2 TOTAL: 4



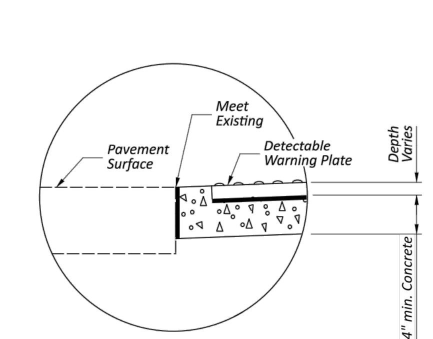
BLENDED TRANSITION



ALGEBRAIC GRADE DIFFERENCE DETAIL



SECTION A-A



DETAIL B

BP-7.1

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THIS DRAWING REPLACES BP-7.1 DATED 07-21-2023.

STANDARD ROADWAY CONSTRUCTION DRAWING
NEW CURB RAMPS
(with Detectable Warnings)

OFFICE OF ROADWAY ENGINEERING
REVISIONS: 01-21-2022, 01-20-2023, 07-21-2023, 01-19-2024, 07-19-2024
STDS ENGINEER: D. Fisher
STATE OF OHIO OFFICE OF ROADWAY ENGINEERING ADMINISTRATOR: Adam Koenig
DESIGN AGENCY
SCD NUMBER: BP-7.1
SHEET: P.4 TOTAL: 4

verdantas

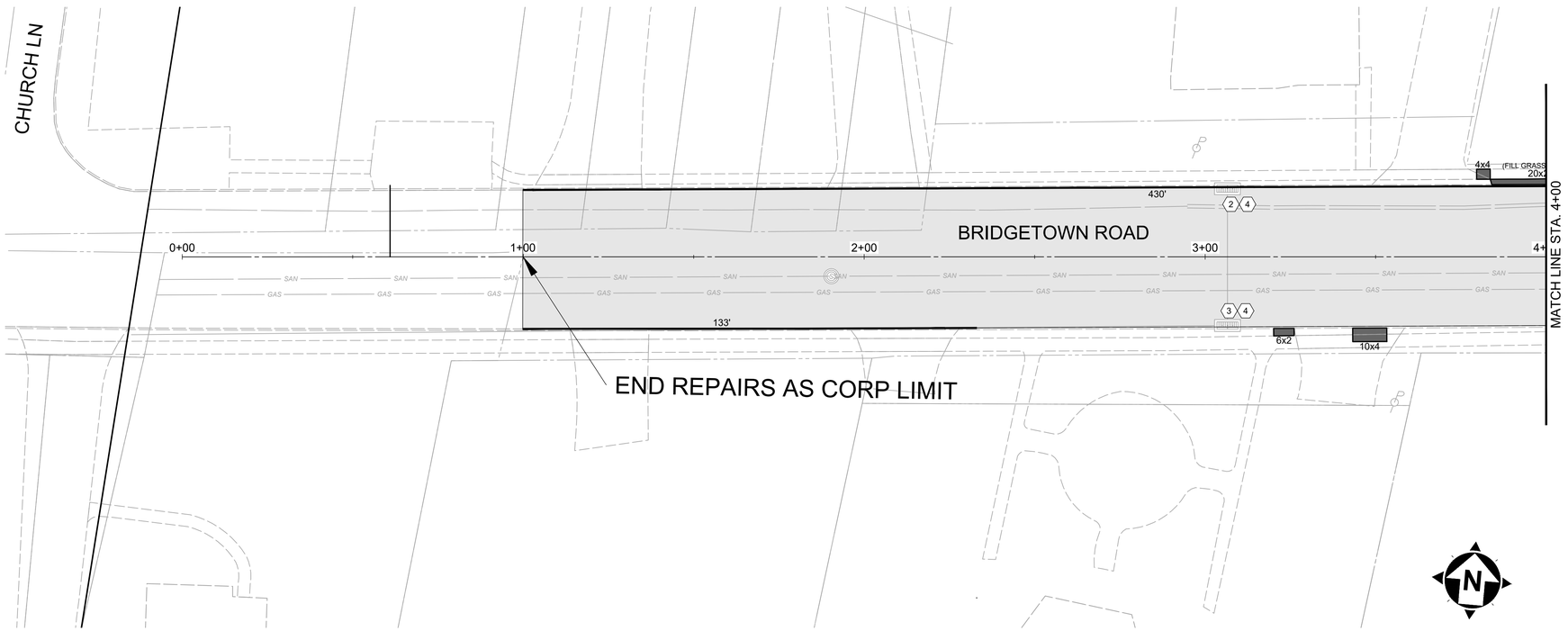
NO	REVISION	DATE

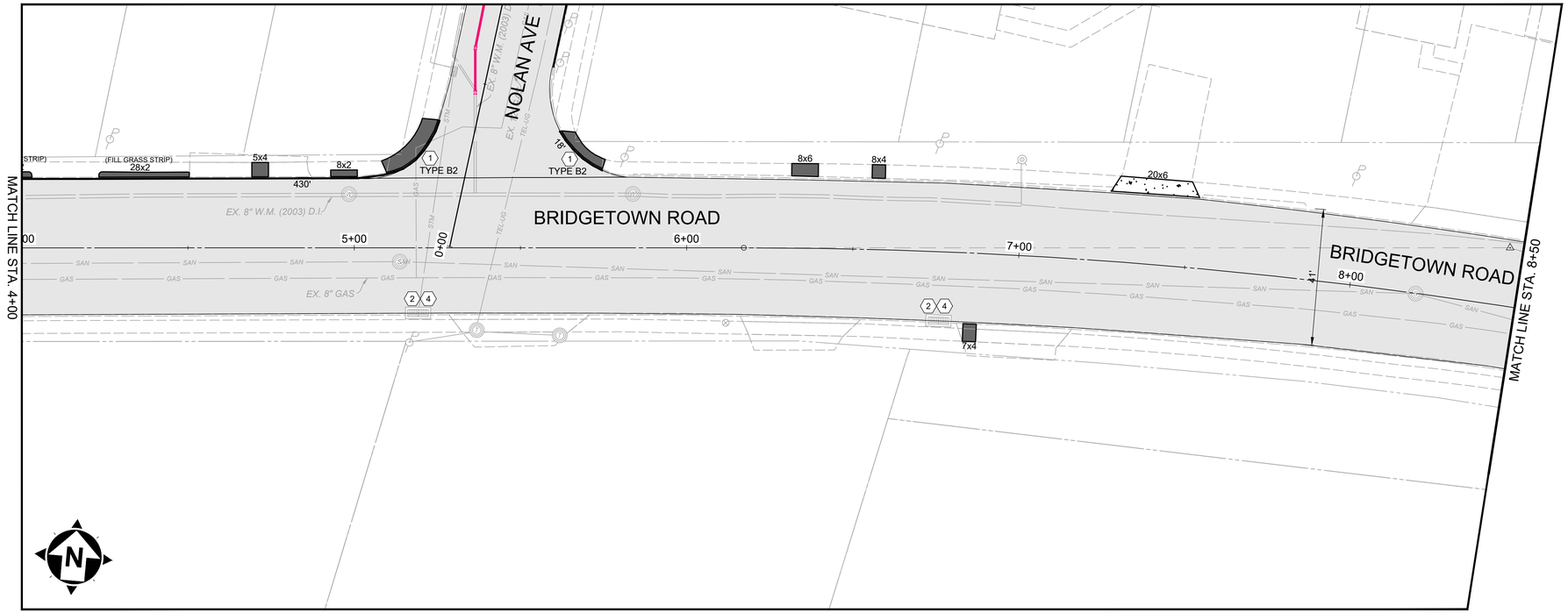
ISSUED FOR:	BID
ISSUE DATE:	8/4/2025
SCALE:	
DESIGNED BY:	PMAD
DRAWN BY:	PMAD
CHECKED BY:	SRIG

BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS
CITY OF CHEVIOT
HAMILTON COUNTY, OHIO

DETAILS 3

PROJECT NO.: 32088
DISCIPLINE: CIVIL
SHEET NAME: DET3
SHEET 5 OF 12





HATCH LEGEND

	BRIDGETOWN ROAD ONLY ITEM 254 - 3" PAVEMENT PLANING & ITEM 441 - 1-1/2" ASPHALT CONCRETE LEVELING COURSE, TYPE 1, PG 64-22 (448) ITEM 441 - 1-1/2" SURFACE COURSE (FIBER REINFORCED)
	ITEM 252 - FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT, AS PER PLAN
	ITEM 608 - 5" CONCRETE WALK (MIN 7" AT DRIVEWAYS AND CURB RAMPS)
	ITEM 452, NON-REINFORCED CONCRETE PAVEMENT, MISC.: 7" PLAIN PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL & REPLACEMENT
	ITEM 608: CURB, MISC.: MODIFIED TYPE 6 CONCRETE CURB REPLACEMENT
	PR. WATERLINE, SEE GCWW PLANS

NOTES

1. FULL DEPTH REPAIR WILL BE MARKED WHEN THE PLANING OPERATIONS HAVE BEEN COMPLETED, WITH A CONTINGENCY QUANTITY OF APP 20% OF TOTAL AREA.
2. ADJUSTMENTS TO VALVE BOXES, METERS OR OTHER ASSOCIATED GAS, ELECTRIC, TELEPHONE, WATER, OR CABLE FACILITIES, IF NECESSARY, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND SHALL BE COMPLETED PER UTILITY OWNER REQUIREMENTS.
3. RESTORE ALL DOWNSPOUT LINES IN CURB. A CONTINGENCY QUANTITY FOR ITEM 611 - DOWN SPOUT CONDUIT, MISC.: PVC SCHEDULE 40 PIPE, 3" HAS BEEN PROVIDED IN THE CONTRACT QUANTITIES..
4. FINAL LOCATIONS IF CURB AND GUTTER REMOVE AND REPLACE AND DRIVE APRON REMOVE AND REPLACE TO BE MARKED IN FIELD BY ENGINEER

CONSTRUCTION NOTES

1. ITEM 609 - CURB RAMP, BY TYPE
2. ITEM 611 - DRAINAGE STRUCTURE, MISC.: REBUILD TOP 24"
3. ITEM 611 - DRAINAGE STRUCTURE, MISC.: REBUILD TOP 36"
4. ITEM 611 - CATCH BASIN FRAME AND GRATE, AS PER PLAN

NOTE: FINAL LIMITS OF FULL DEPTH REPAIR AND DRIVEWAY APRON REPLACEMENT TO BE MARKED IN FIELD BY ENGINEER.

20 ' 0 ' 20 '
SCALE: 1" = 20 '

verdantas

NO	REVISION	DATE

ISSUED FOR: BID
ISSUE DATE: 8/4/2025
SCALE: AS SHOWN
DESIGNED BY: PMAD
DRAWN BY: PMAD
CHECKED BY: SRG

BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS
CITY OF CHEVIOT
HAMILTON COUNTY, OHIO

PLAN 1 - BRIDGETOWN RD

PROJECT NO. 32088
DISCIPLINE CIVIL
SHEET NAME C1
SHEET 6 OF 12

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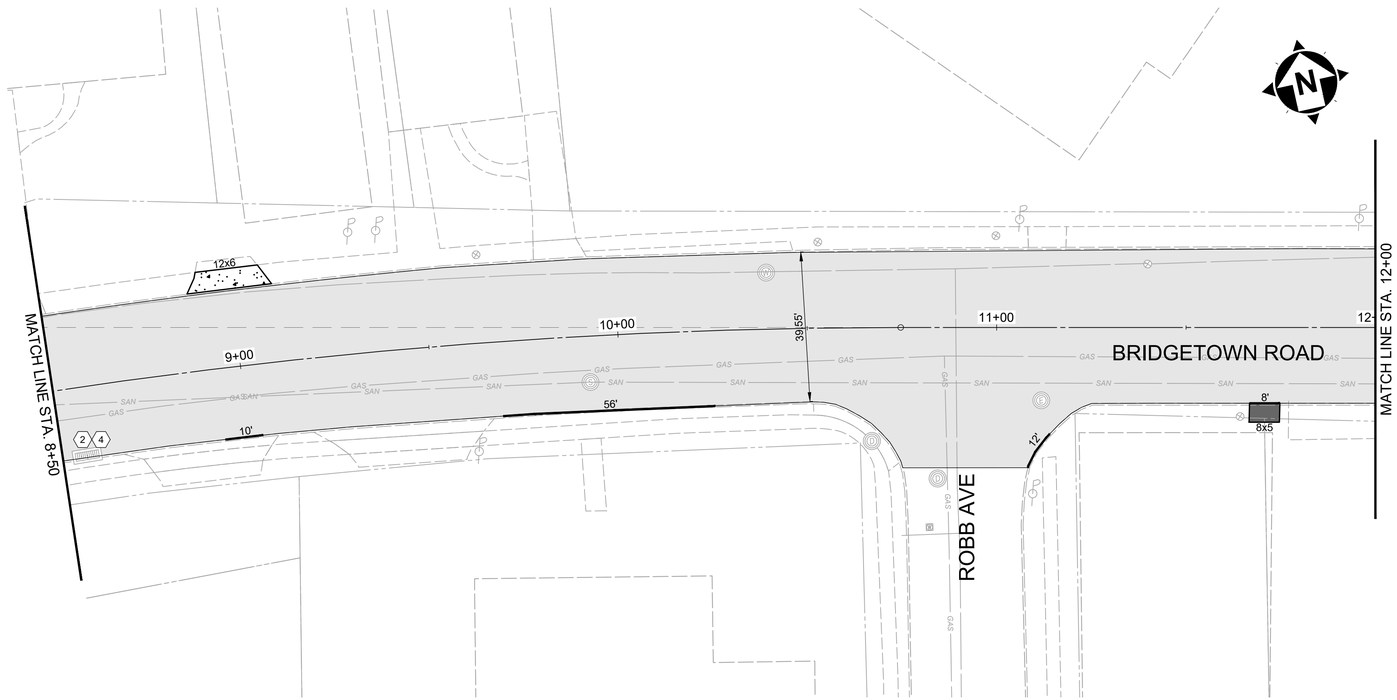
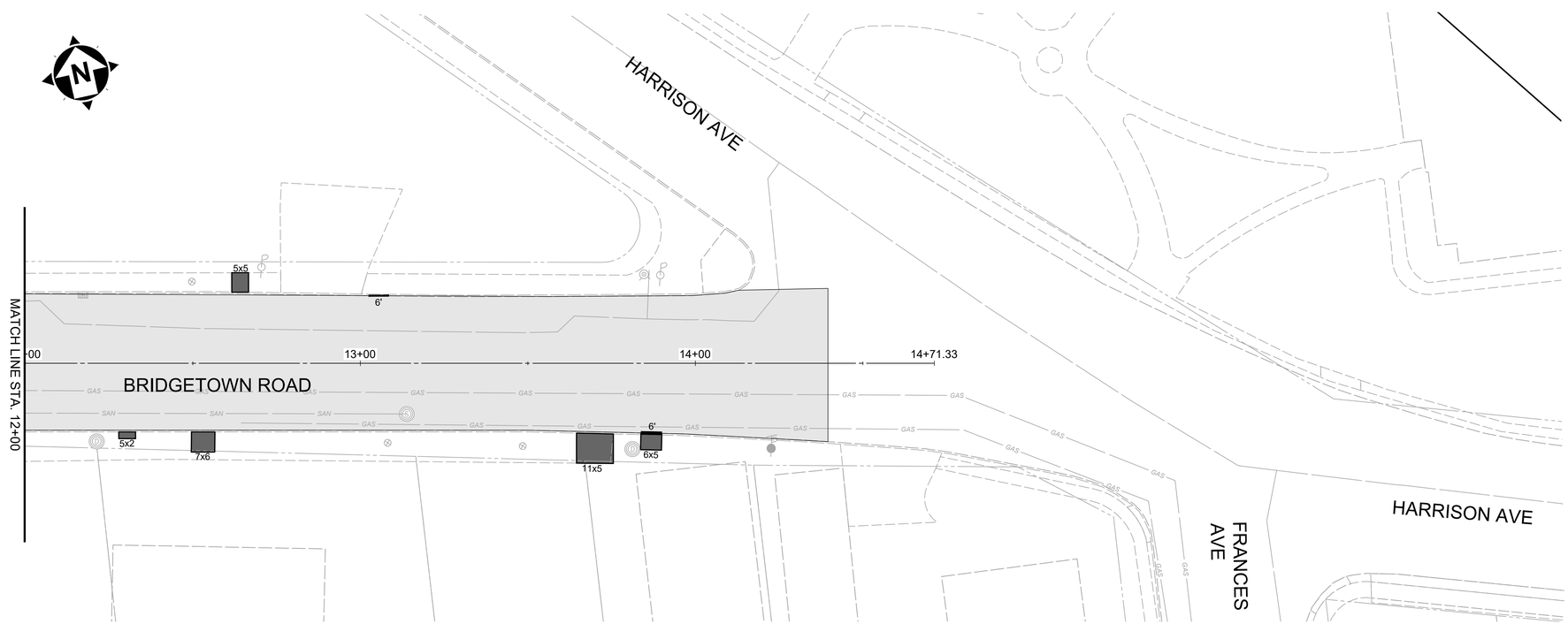




HATCH LEGEND

BRIDGETOWN ROAD ONLY
ITEM 254 - 3" PAVEMENT PLANING &
ITEM 441 - 1-1/2" ASPHALT CONCRETE LEVELING COURSE, TYPE 1, PG 64-22 (448)
ITEM 441 - 1-1/2" SURFACE COURSE (FIBER REINFORCED)

ITEM 252 - FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT, AS PER PLAN

ITEM 608 - 5" CONCRETE WALK (MIN 7" AT DRIVEWAYS AND CURB RAMPS)

ITEM 452, NON-REINFORCED CONCRETE PAVEMENT, MISC.: 7" PLAIN PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL & REPLACEMENT

ITEM 608: CURB, MISC.: MODIFIED TYPE 6 CONCRETE CURB REPLACEMENT

PR. WATERLINE, SEE GCWW PLANS

NOTES

1. FULL DEPTH REPAIR WILL BE MARKED WHEN THE PLANING OPERATIONS HAVE BEEN COMPLETED, WITH A CONTINGENCY QUANTITY OF APP 20% OF TOTAL AREA.
2. ADJUSTMENTS TO VALVE BOXES, METERS OR OTHER ASSOCIATED GAS, ELECTRIC, TELEPHONE, WATER, OR CABLE FACILITIES, IF NECESSARY, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND SHALL BE COMPLETED PER UTILITY OWNER REQUIREMENTS.
3. RESTORE ALL DOWNSPOUT LINES IN CURB. A CONTINGENCY QUANTITY FOR ITEM 611 - DOWN SPOUT CONDUIT, MISC.: PVC SCHEDULE 40 PIPE, 3" HAS BEEN PROVIDED IN THE CONTRACT QUANTITIES..
4. FINAL LOCATIONS IF CURB AND GUTTER REMOVE AND REPLACE AND DRIVE APRON REMOVE AND REPLACE TO BE MARKED IN FIELD BY ENGINEER

CONSTRUCTION NOTES

1. ITEM 609 - CURB RAMP, BY TYPE
2. ITEM 611 - DRAINAGE STRUCTURE, MISC.: REBUILD TOP 24"
3. ITEM 611 - DRAINAGE STRUCTURE, MISC.: REBUILD TOP 36"
4. ITEM 611 - CATCH BASIN FRAME AND GRATE, AS PER PLAN

NOTE: FINAL LIMITS OF FULL DEPTH REPAIR AND DRIVEWAY APRON REPLACEMENT TO BE MARKED IN FIELD BY ENGINEER.

20 ' 0 ' 20 '
SCALE: 1" = 20 '

verdantas

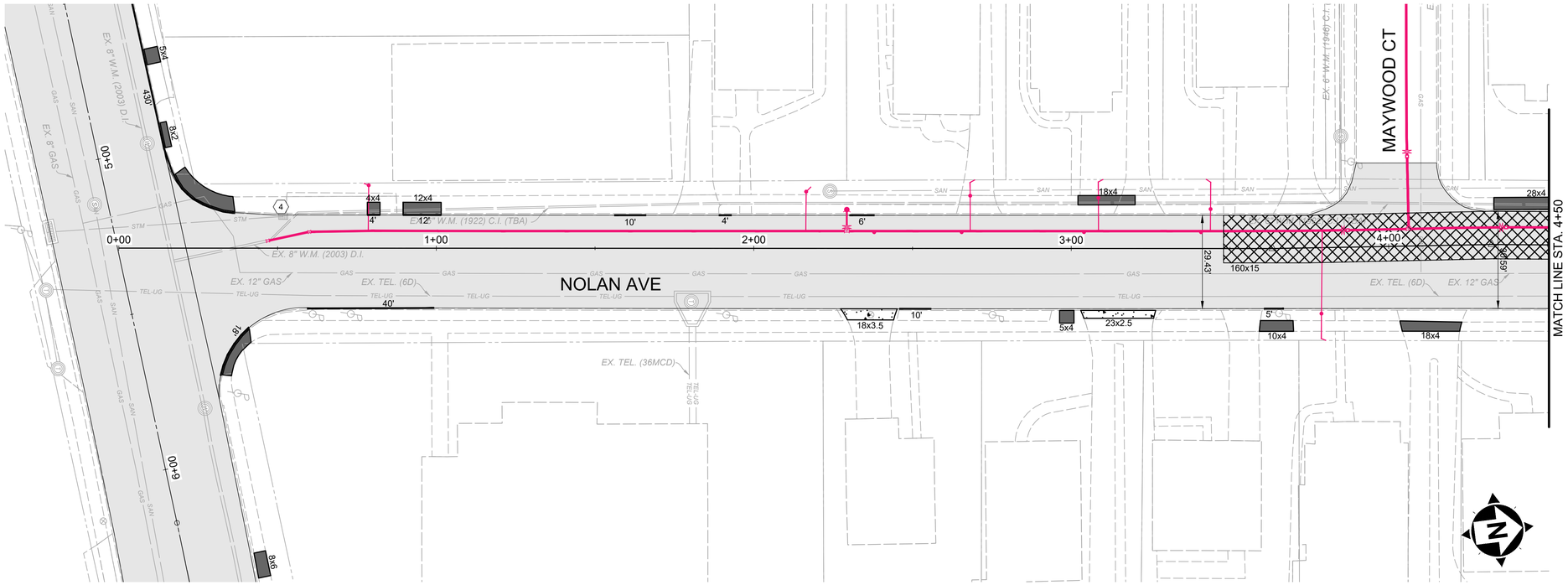
NO	REVISION	DATE

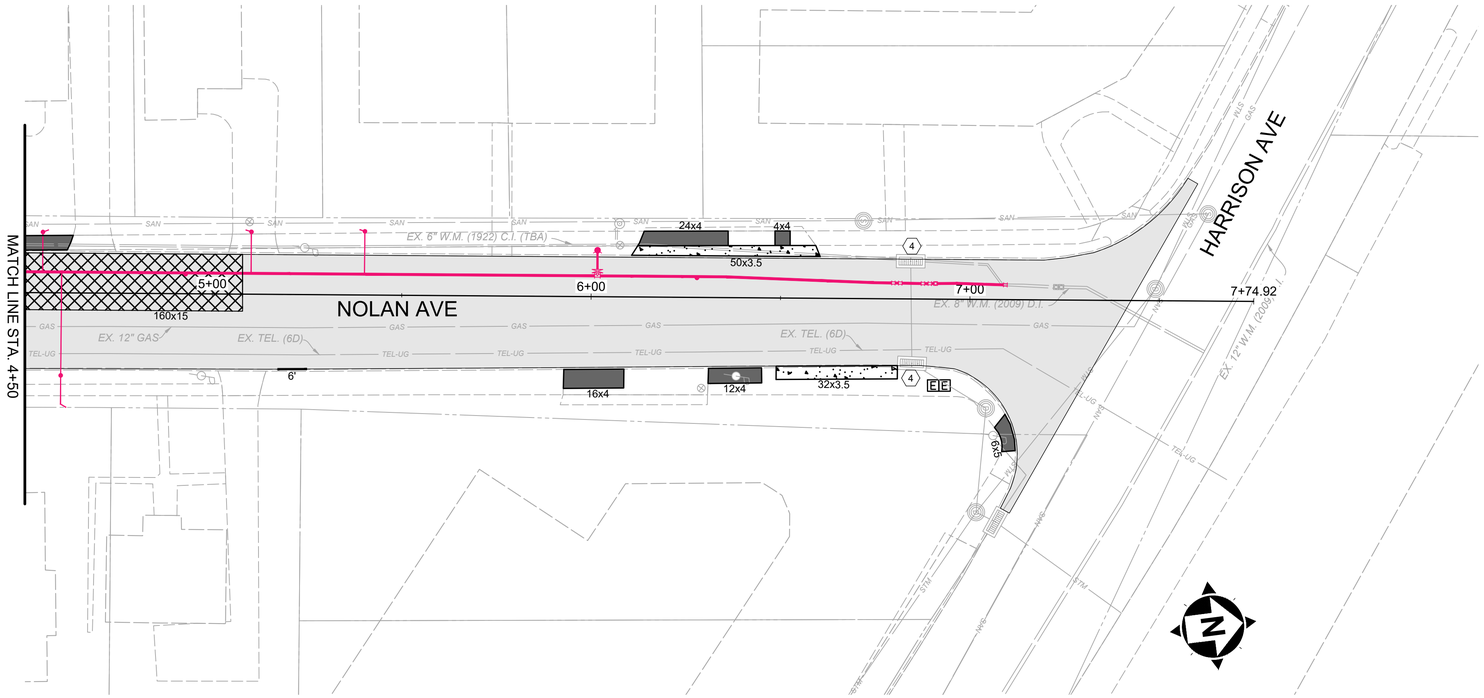
ISSUED FOR:	BID
ISSUE DATE:	8/4/2025
SCALE:	AS SHOWN
DESIGNED BY:	PMAD
DRAWN BY:	PMAD
CHECKED BY:	SRG

BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS
CITY OF CHEVIOT
HAMILTON COUNTY, OHIO

PLAN 2 - BRIDGETOWN RD

PROJECT NO.
32088
DISCIPLINE
CIVIL
SHEET NAME
C2
SHEET 7 OF 12





HATCH LEGEND

	NOLEN AVENUE ONLY ITEM 254 - 1-1/2" PAVEMENT PLANING & ITEM 441 - 1-1/2" SURFACE COURSE (FIBER REINFORCED)
	ITEM 252 - FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT, AS PER PLAN
	ITEM 608 - 5" CONCRETE WALK (MIN 7" AT DRIVEWAYS AND CURB RAMPS)
	ITEM 452, NON-REINFORCED CONCRETE PAVEMENT, MISC.: 7" PLAIN PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL & REPLACEMENT
	ITEM 608: CURB, MISC.: MODIFIED TYPE 6 CONCRETE CURB REPLACEMENT
	PR. WATERLINE, SEE GCWW PLANS

NOTES

1. FULL DEPTH REPAIR WILL BE MARKED WHEN THE PLANING OPERATIONS HAVE BEEN COMPLETED, WITH A CONTINGENCY QUANTITY OF APP 20% OF TOTAL AREA.
2. ADJUSTMENTS TO VALVE BOXES, METERS OR OTHER ASSOCIATED GAS, ELECTRIC, TELEPHONE, WATER, OR CABLE FACILITIES, IF NECESSARY, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND SHALL BE COMPLETED PER UTILITY OWNER REQUIREMENTS.
3. RESTORE ALL DOWNSPOUT LINES IN CURB. A CONTINGENCY QUANTITY FOR ITEM 611 - DOWN SPOUT CONDUIT, MISC.: PVC SCHEDULE 40 PIPE, 3" HAS BEEN PROVIDED IN THE CONTRACT QUANTITIES..
4. FINAL LOCATIONS IF CURB AND GUTTER REMOVE AND REPLACE AND DRIVE APRON REMOVE AND REPLACE TO BE MARKED IN FIELD BY ENGINEER

CONSTRUCTION NOTES

1. ITEM 609 - CURB RAMP, BY TYPE
2. ITEM 611 - DRAINAGE STRUCTURE, MISC.: REBUILD TOP 24"
3. ITEM 611 - DRAINAGE STRUCTURE, MISC.: REBUILD TOP 36"
4. ITEM 611 - CATCH BASIN FRAME AND GRATE, AS PER PLAN

NOTE: FINAL LIMITS OF FULL DEPTH REPAIR AND DRIVEWAY APRON REPLACEMENT TO BE MARKED IN FIELD BY ENGINEER.

20 ' 0 ' 20 '
SCALE: 1" = 20 '

verdantas

NO	REVISION	DATE

ISSUED FOR:	BID
ISSUE DATE:	8/4/2025
SCALE:	AS SHOWN
DESIGNED BY:	PMAD
DRAWN BY:	PMAD
CHECKED BY:	SRG

BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS
CITY OF CHEVIOT
HAMILTON COUNTY, OHIO

PLAN 3 - NOLEN AVE

PROJECT NO. 32088
DISCIPLINE: CIVIL
SHEET NAME: C3
SHEET 8 OF 12

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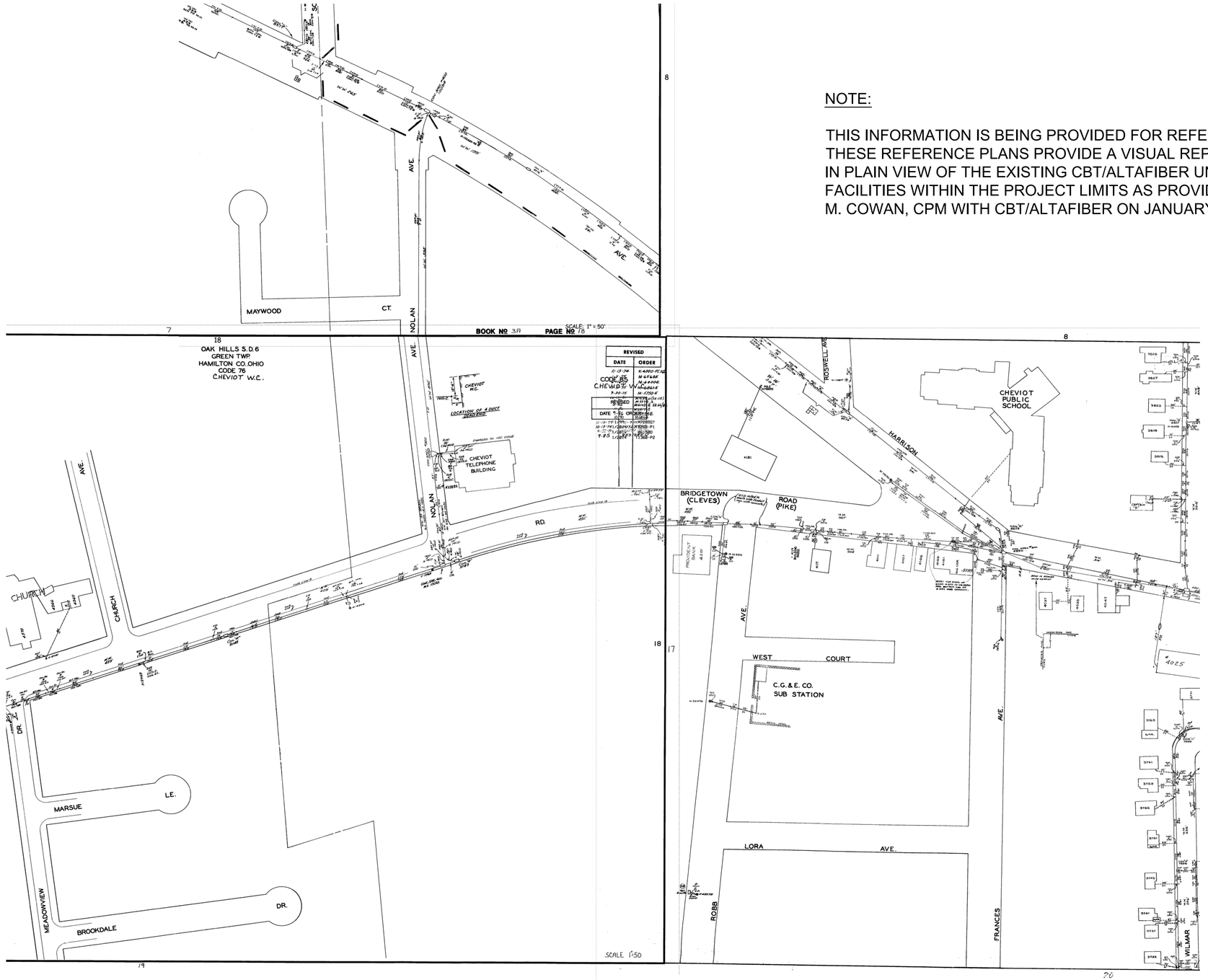
NOTE:

THIS INFORMATION IS BEING PROVIDED FOR REFERENCE ONLY. THESE REFERENCE PLANS PROVIDE A VISUAL REPRESENTATION IN PLAIN VIEW OF THE EXISTING CBT/ALTAFIBER UNDERGROUND FACILITIES WITHIN THE PROJECT LIMITS AS PROVIDED BY BRECK M. COWAN, CPM WITH CBT/ALTAFIBER ON JANUARY 22, 2025.



verdantas

NO	REVISION	DATE

ISSUED FOR:	BID
ISSUE DATE:	8/4/2025
SCALE:	AS SHOWN
DESIGNED BY:	PMAD
DRAWN BY:	PMAD
CHECKED BY:	SRIG

BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS
CITY OF CHEVIOT
HAMILTON COUNTY, OHIO

EX. UG CBT-ALTAFIBER MAP

PROJECT NO.
32088
DISCIPLINE
CIVIL
SHEET NAME
UTL1

SHEET	OF
9	12

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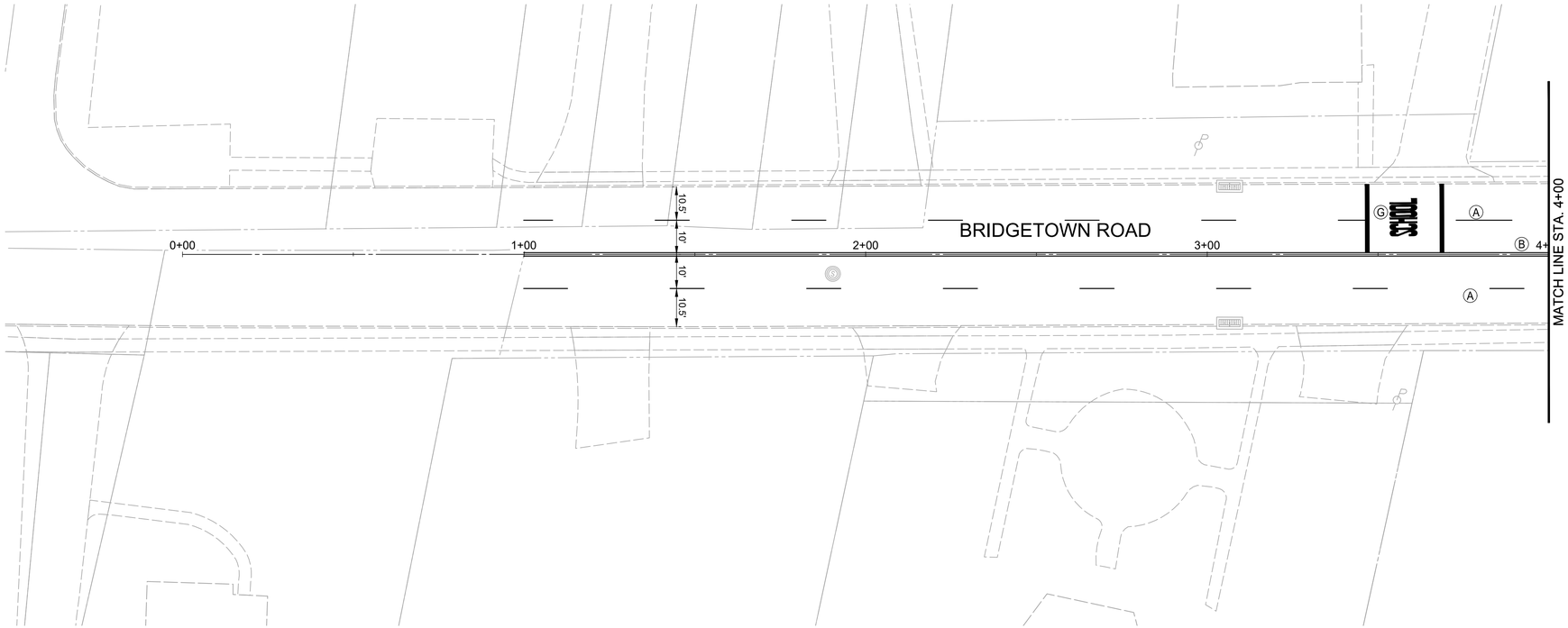
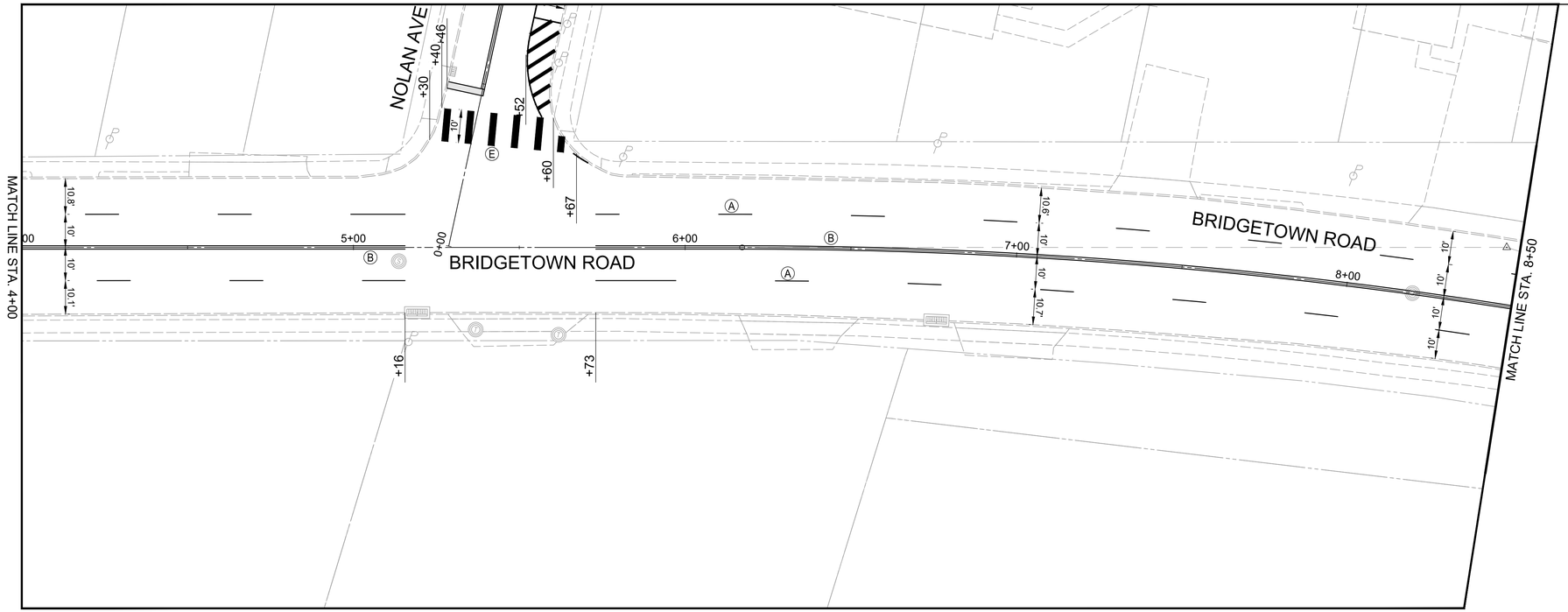




KEYNOTES

- (A) LANE LINE, 4"
- (B) CENTER LINE, 4"
- (C) EDGE LINE, 4"
- (D) STOP LINE, 24"
- (E) CROSSWALK LINE, 24" (ODOT SCD TC-74.10)
- (F) TRANSVERSE, DIAGONAL LINE, 24" (INC. TO COST OF LANE LINE)
- (G) SCHOOL SYMBOL MARKING, 96"

20 ' 0 ' 20 '
SCALE: 1" = 20 '

verdantas

NO	REVISION	DATE

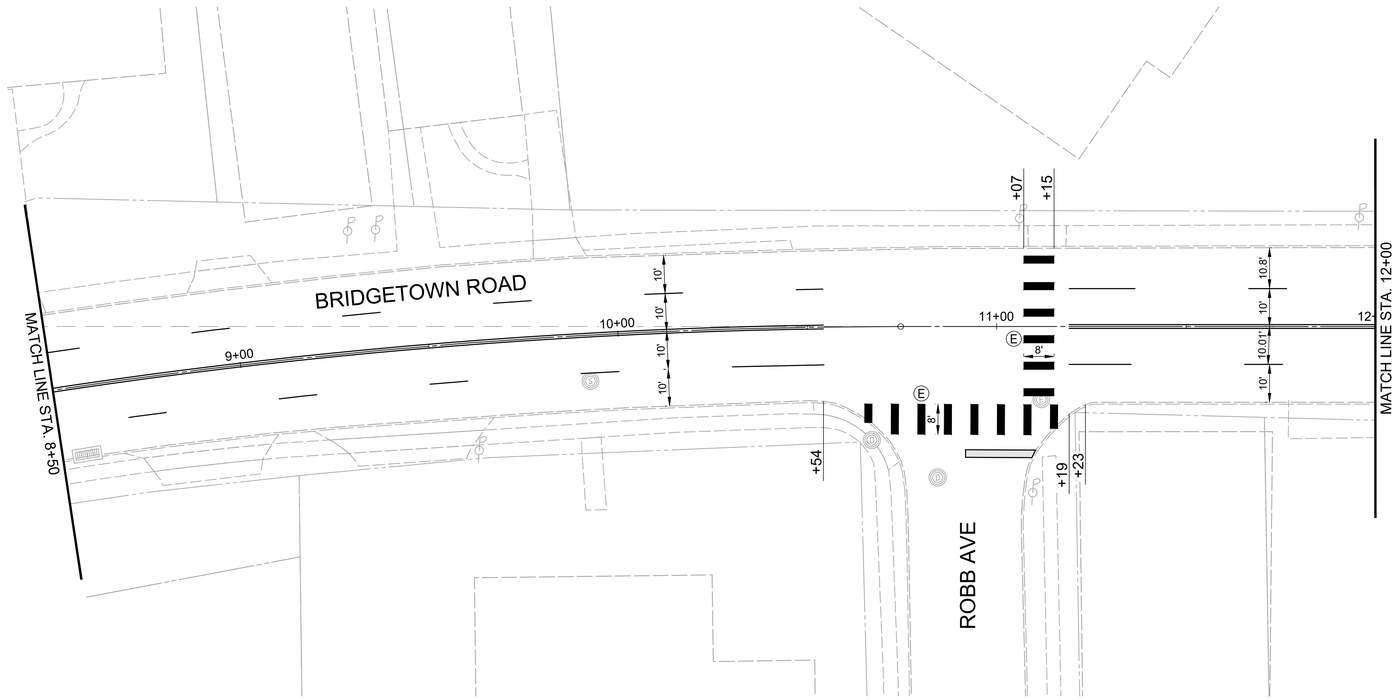
ISSUED FOR:	BID
ISSUE DATE:	8/4/2025
SCALE:	AS SHOWN
DESIGNED BY:	PMAD
DRAWN BY:	PMAD
CHECKED BY:	SRNG

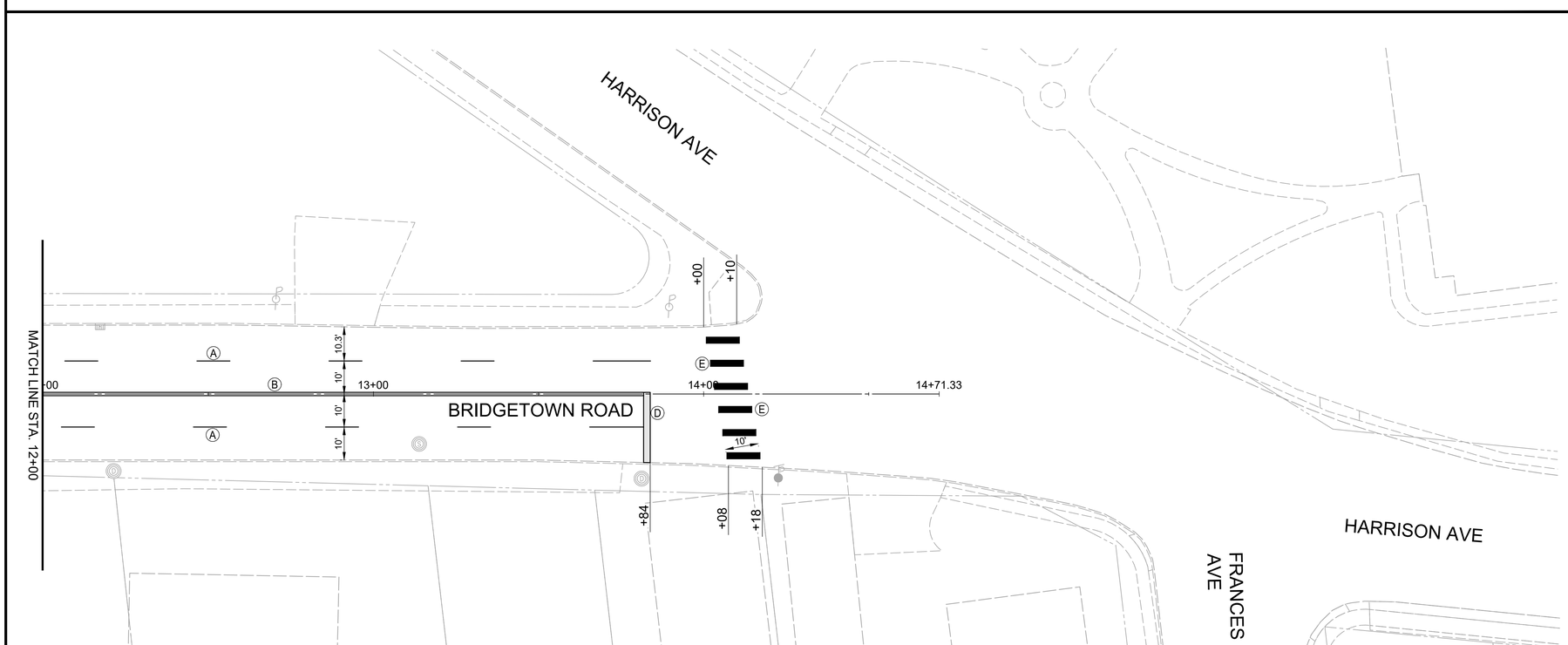
BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS
CITY OF CHEVIOT
HAMILTON COUNTY, OHIO

PAVEMENT MARKINGS 1

PROJECT NO.
32088
DISCIPLINE
CIVIL
SHEET NAME
PM1
SHEET 10 OF 12

H:\2025\CHEVIOT\32088 - CHEVIOT- BRIDGETOWN RD & NOLAN AVE IMPR\CAD\DWG\SHEETS\C_32088 - PM.DWG - PM1 - 8/4/2025 8:36:09 AM - PATRICK MADL





KEYNOTES

- (A) LANE LINE, 4"
- (B) CENTER LINE, 4"
- (C) EDGE LINE, 4"
- (D) STOP LINE, 24"
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20 ' 0 ' 20 '
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verdantas

NO	REVISION	DATE

ISSUED FOR:	BID
ISSUE DATE:	8/4/2025
SCALE:	AS SHOWN
DESIGNED BY:	PMAD
DRAWN BY:	PMAD
CHECKED BY:	SRIG

BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS
CITY OF CHEVIOT
HAMILTON COUNTY, OHIO

PAVEMENT MARKINGS 2

PROJECT NO. 32088
DISCIPLINE CIVIL
SHEET NAME PM2
SHEET 11 OF 12

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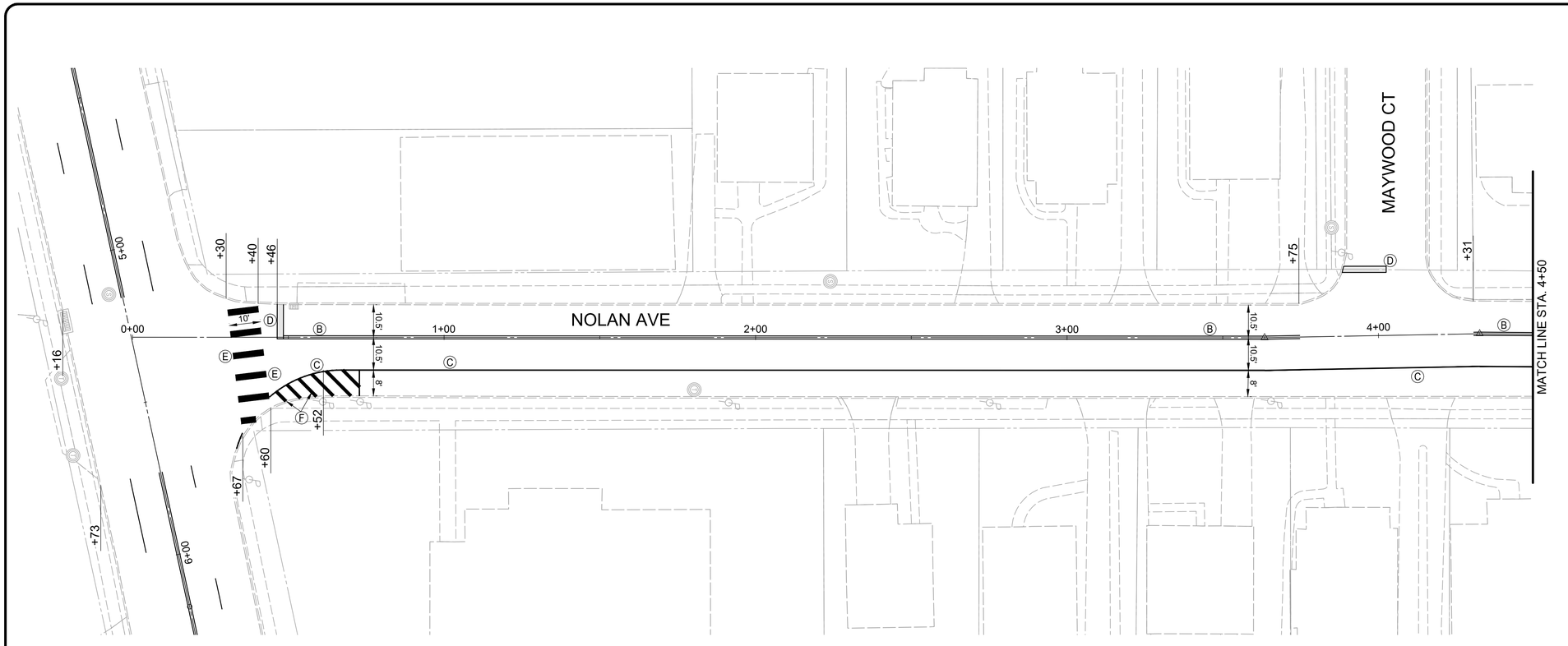

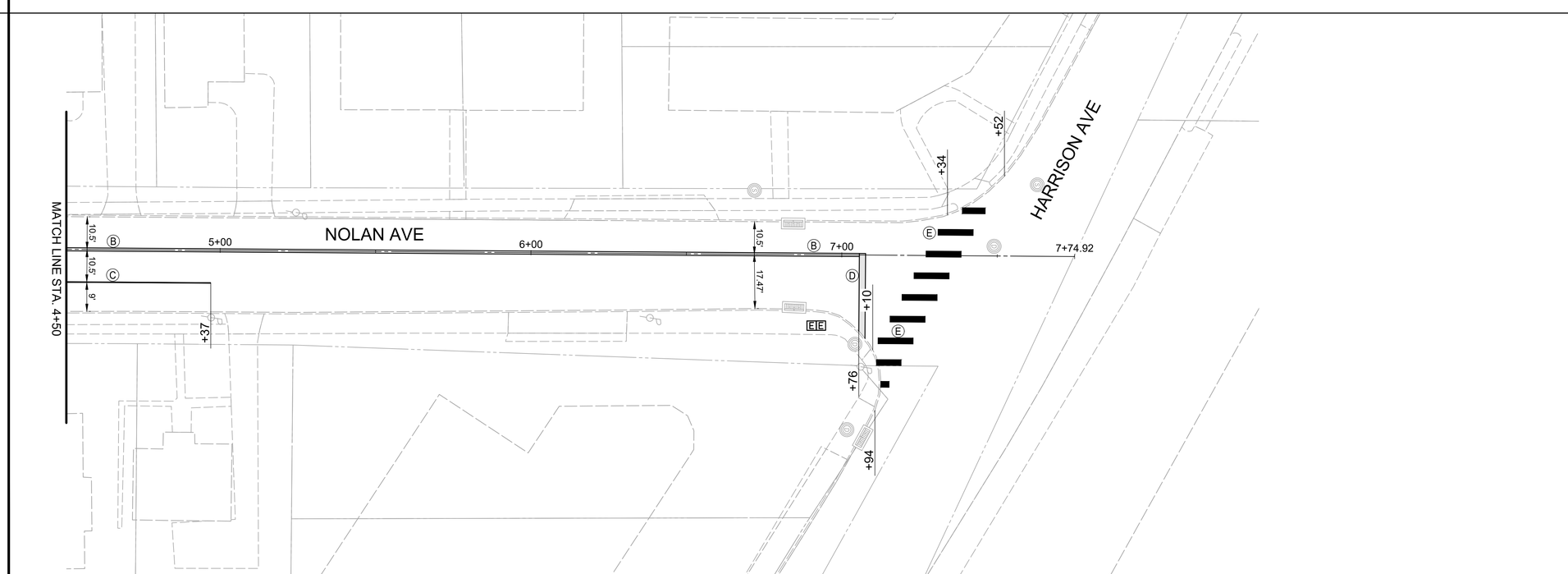

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20 ' 0 ' 20 '
SCALE: 1" = 20 '

verdantas

NO	REVISION	DATE

ISSUED FOR:	BID
ISSUE DATE:	8/4/2025
SCALE:	AS SHOWN
DESIGNED BY:	PMAD
DRAWN BY:	PMAD
CHECKED BY:	SRIG

BRIDGETOWN ROAD AND NOLAN AVENUE IMPROVEMENTS

CITY OF CHEVIOT
HAMILTON COUNTY, OHIO

PAVEMENT MARKINGS 3

PROJECT NO.
32088

DISCIPLINE
CIVIL

SHEET NAME
PM3

SHEET 12 OF 12