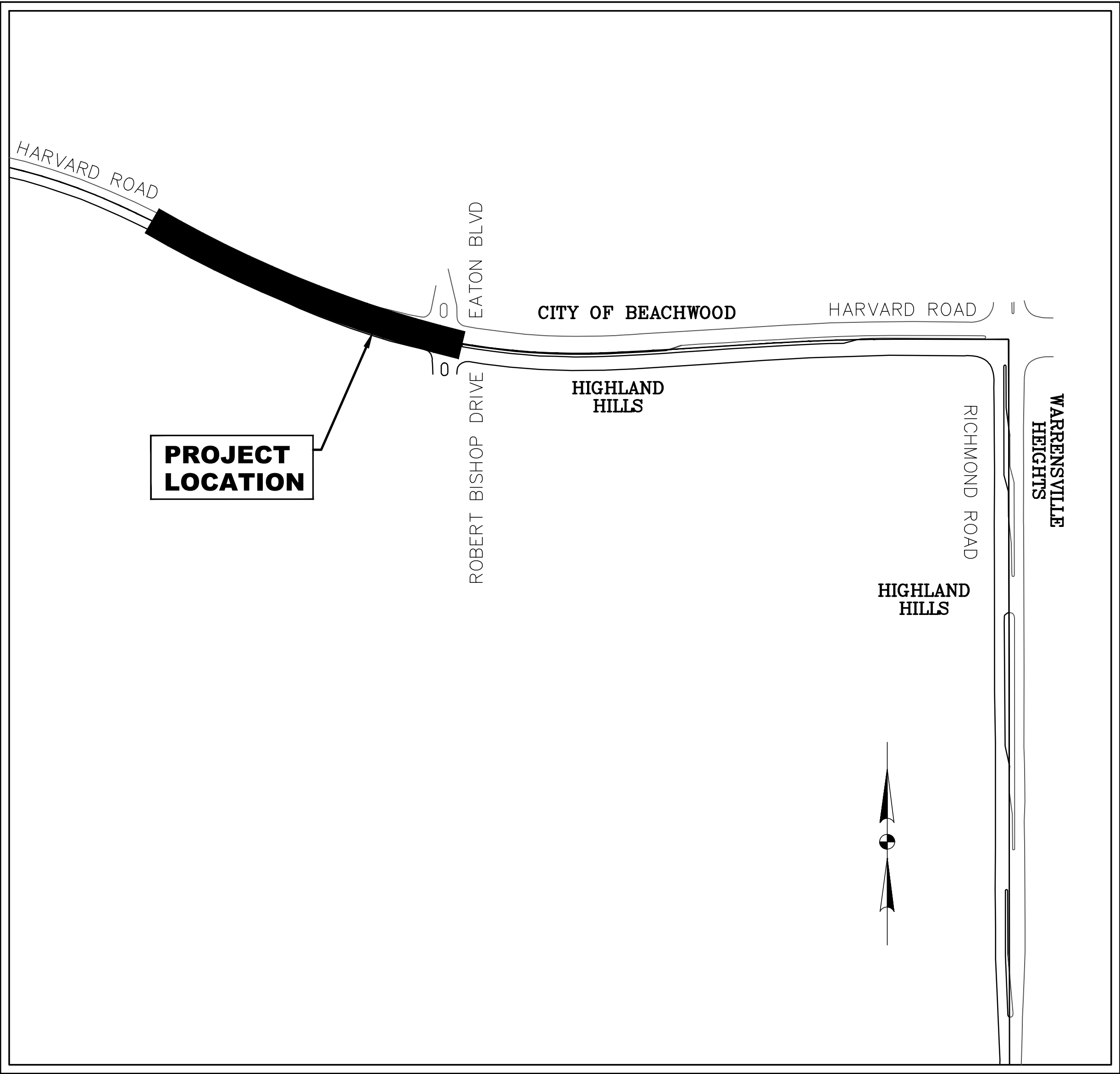


VILLAGE OF HIGHLAND HILLS HARVARD ROAD CONCRETE REPAIRS

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LOCATION MAP

N.T.S.

JUNE 2026

PREPARED FOR:

VILLAGE OF HIGHLAND HILLS

MAYOR MICHAEL L. BOOKER

COUNCIL

COUNCIL PRESIDENT.....CASSANDRA PRIDE
COUNCIL PRO TEM.....ROBERT L. WRIGHT, II
COUNCILWOMAN.....GEAVONA GREENE
COUNCILMAN.....JAMES McMANUS
COUNCILMAN.....DAVID MILLS

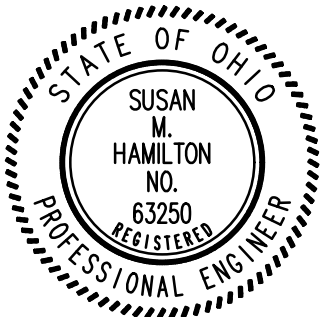
PREPARED BY:

STEPHEN HOVANCSEK & ASSOC., INC.

CONSULTING ENGINEERS & PLANNERS
TWO MERIT DRIVE
RICHMOND HEIGHTS, OHIO 44143

Susan M. Hamilton

SUSAN M. HAMILTON, P.E. #63250



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GENERAL

THIS PROJECT CONSISTS OF CONCRETE REPAIRS ALONG HARVARD ROAD NEAR THE INTERSECTION OF ROBERT BISHOP DRIVE.

IT IS ENCOURAGED THAT THE CONTRACTOR READ ALL GENERAL NOTES, REVIEW PLANS AND DETAILS FOR ANY ADDITIONAL REQUIREMENTS AND PERFORM A SITE VISIT OF ANY UNFAMILIAR AREA.

CONSTRUCTION AND MATERIAL SPECIFICATIONS

THE STANDARD FOR ALL MATERIALS AND/OR WORKMANSHIP SHALL BE AS SPECIFIED IN THE "STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, CONSTRUCTION AND MATERIAL SPECIFICATIONS", DATED JANUARY 1, 2019, OR ANY SUBSEQUENT ISSUES THEREOF. THROUGHOUT THE PLANS THE REFERENCE TO SPECIFIC O.D.O.T. ITEM NUMBERS ARE INDICATED. WHERE REFERENCE IS MADE IN THE SPECIFICATIONS TO THE STATE OF OHIO, IT SHALL MEAN THE VILLAGE OF HIGHLAND HILLS; REFERENCE MADE TO THE DEPARTMENT SHALL MEAN THE SERVICE DEPARTMENT OF THE VILLAGE OF HIGHLAND HILLS; REFERENCE MADE TO THE DIRECTOR SHALL MEAN THE SERVICE DIRECTOR OF THE VILLAGE OF HIGHLAND HILLS; AND REFERENCE MADE TO THE ENGINEER SHALL MEAN THE ENGINEER OF THE VILLAGE OF HIGHLAND HILLS

MATERIAL AND WORKMANSHIP SHALL ALSO CONFORM TO THE "UNIFORM STANDARDS FOR SEWERAGE IMPROVEMENTS", RELATED GRAPHICS DETAILS OF THE "UNIFORM STANDARD SEWER DETAILS", O.D.O.T. BUREAU OF LOCATION AND DESIGN STANDARD CONSTRUCTION DRAWINGS, THE RULES AND REGULATIONS OF THE CUYAHOGA COUNTY SANITARY ENGINEERING DEPARTMENT AND THE ORDINANCES OF HIGHLAND HILLS VILLAGE. WHERE CONFLICTS OCCUR IN THE ABOVE, THE ENGINEER OF THE VILLAGE OF HIGHLAND HILLS SHALL DETERMINE THE GOVERNING AUTHORITY. ANY DEFECTS IN THE CONSTRUCTION SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER OF THE VILLAGE OF HIGHLAND HILLS. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND LICENSES AS NECESSARY, AND SHALL BE RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING WATER AND SEWERAGE SYSTEM RESULTING FROM NON-CONFORMANCE WITH THE APPLICABLE STANDARDS, THROUGH GENERAL NEGLIGENCE, OR NOT TAKING ANY NECESSARY PRECAUTIONS. THE STANDARD FOR ALL MATERIALS AND/OR WORKMANSHIP, GENERAL PROVISIONS, MEASUREMENT AND PAYMENT SHALL FOLLOW THE ABOVE MENTIONED SOURCES UNLESS OTHERWISE STATED IN THESE NOTES, THE PLANS OR CONTRACT SPECIFICATIONS.

CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH ALL OSHA REQUIREMENTS REGARDING ENTRANCE INTO CONFINED SPACES (MANHOLES, TRENCHES, ETC.) FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN FORFEITURE OF THE CONTRACT.

ELEVATION DATUM

ALL ELEVATIONS SHOWN ON THESE PLANS ARE IN FEET ABOVE THE "U.S.G.S." DATUM PLANE.

UTILITIES

THE FOLLOWING IS BELIEVED TO BE THE LIST OF UTILITY OWNERS WITHIN THE LIMITS OF CONSTRUCTION:

ILLUMINATING COMPANY
6896 MILLER RD., #101
BRECKSVILLE, OHIO 44141-3299
ATTN: MARK ROBINSON
PHONE: (440) 717-6845

CITY OF CLEVELAND
DEPT. OF PUBLIC UTILITIES
DIVISION OF WATER AND HEAT
5953 DEERING AVENUE
PARMA HEIGHTS, OHIO 44130
PHONE: (216) 664-2342

CABLEVISION
ENGINEERING AND DESIGN DIV.
14300 S. INDUSTRIAL PARKWAY
MAPLE HEIGHTS, OHIO 44131
PHONE: (216) 663-4003

ENBRIDGE GAS OHIO
1201 E. 55TH ST.
CLEVELAND, OHIO 44102
PHONE: (216) 736-6675

VILLAGE OF HIGHLAND HILLS
3700 NORTHFIELD ROAD
HIGHLAND HILLS, OHIO 44122
PHONE: (216) 283-3000

NORTHEAST OHIO REGIONAL SEWER
14021 LAKESHORE BLVD.
CLEVELAND, OH 44115-2504
PHONE: 216-531-4892

THE CONTRACTOR SHALL PERFORM ITS OWN FIELD INVESTIGATION OF EXISTING FACILITIES (BOTH ABOVE GROUND AND UNDERGROUND) PRIOR TO BIDDING THIS CONTRACT. THE CONTRACTOR SHALL TAKE THE NECESSARY MEASURES TO PROTECT ALL UTILITIES AS REQUIRED TO COMPLETE THE CONSTRUCTION AS OUTLINED.

THE PROCEDURE OUTLINED IN THE OHIO REVISED CODE SECTION 163.64, REGARDING UTILITY IDENTIFICATION, SHALL BE FOLLOWED. NAMELY THE OWNER WILL NOTIFY THE OWNERS OF UNDERGROUND UTILITY FACILITIES OF THE IMPENDING PROJECT. THE CONTRACTOR MUST NOTIFY THE UNDERGROUND UTILITY PROTECTION SERVICE (1-800-362-2764) AND THE INDIVIDUAL UTILITIES FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING WORK. THE UNDERGROUND UTILITY OWNER MUST STAKE, MARK OR OTHERWISE DESIGNATE THE LOCATION OF ITS FACILITY.

THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ANY MARKING, RELOCATION OR SUPPORTING OF ANY EXISTING UTILITIES (I.E. CEI POLES, AMERITECH, EAST OHIO GAS, CABLEVISION, ETC.) WHICH MAY BE ENCOUNTERED. THE CONTRACTOR SHALL NOT BE COMPENSATED FOR ANY DOWN TIME OR EXTRA WORK WHICH MAY RESULT.

CONSTRUCTION SCHEDULE

ALL WORK MUST BE COMPLETED WITHIN THIRTY (45) CONSECUTIVE DAYS FROM THE BEGINNING OF CONSTRUCTION OR PRIOR TO OCTOBER 31, 2026.

PRE-CONSTRUCTION MEETING

A PRE-CONSTRUCTION MEETING IS TO BE HELD A MINIMUM OF TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION.

STATIONING AND LOCATIONS

ALL REPAIR LOCATION LIMITS WILL BE MARKED BY THE VILLAGE ENGINEER.

THE VILLAGE RESERVES THE RIGHT TO ADD OR REMOVE DESIGNATED MISCELLANEOUS REPAIR LOCATIONS.

CONSTRUCTION OBSERVATION

THE CONTRACTOR SHALL NOT COMMENCE ANY CONSTRUCTION ACTIVITIES WITHOUT PROVIDING A MINIMUM OF FORTY-EIGHT (48) HOURS NOTICE TO THE OFFICE OF THE ENGINEER FOR THE VILLAGE OF HIGHLAND HILLS AT (216) 731-6255 TO ARRANGE FOR CONSTRUCTION OBSERVATION SERVICES.

IF ANY CHANGES TO THE WORK SCHEDULE BECOME NECESSARY, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER DIRECTLY, OR THE ENGINEER'S OFFICE, AT LEAST ONE-HALF (1/2) HOUR PRIOR TO THE SCHEDULED START TIME TO AVOID UNNECESSARY CONSTRUCTION OBSERVATION COSTS. FAILURE TO PROVIDE NOTICE OF CANCELLATION OR SCHEDULE CHANGES SHALL RESULT IN THE PRIME CONTRACTOR BEING CHARGED FOR ALL CONSTRUCTION OBSERVATION TIME INCURRED, WITH A MINIMUM CHARGE OF THREE (3) HOURS.

CONSTRUCTION OBSERVATION HOURS SHALL BE ESTIMATED BY THE CONTRACTOR AND INCLUDED IN THE BID DOCUMENTS IN ACCORDANCE WITH THE SPECIAL SPECIFICATIONS CONTAINED IN THE BID PACKAGE. CONTRACTORS SHALL NOT BE PERMITTED TO ENTER A NUMBER OF HOURS LESS THAN THE MINIMUM AMOUNT SPECIFIED ON THE BID FORM.

PRE-CONSTRUCTION VIDEO/PHOTOGRAPHS AS PER PLAN

THE CONTRACTOR SHALL PROVIDE PRECONSTRUCTION VIDEO DOCUMENTATION IN ACCORDANCE WITH THE SPECIFICATIONS FOR PRECONSTRUCTION VIDEO (SMALL PROJECT). DUE TO THE LIMITED SIZE OF THE PROJECT, THE CONTRACTOR MAY, AT THEIR DISCRETION, PROVIDE PRECONSTRUCTION PHOTOGRAPHS IN LIEU OF VIDEO DOCUMENTATION. THE CONTRACTOR SHALL DETERMINE WHETHER PHOTOGRAPHS ARE NECESSARY FOR MISCELLANEOUS REPAIR AREAS.

ALL VIDEO RECORDINGS AND/OR PHOTOGRAPHS SHALL BE COMPLETED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. PHOTOGRAPHS SHALL CLEARLY DEPICT THE EXISTING CONDITION OF THE PROJECT AREA, INCLUDING ANY PRE-EXISTING DAMAGE AND ADJACENT AREAS NOT SCHEDULED FOR REPLACEMENT. COPIES OF ALL VIDEO RECORDINGS AND PHOTOGRAPHS SHALL BE SUBMITTED TO THE OFFICE OF THE VILLAGE ENGINEER A MINIMUM OF ONE (1) WEEK PRIOR TO THE START OF CONSTRUCTION.

ANY DAMAGED OR DETERIORATED EXISTING CONDITIONS SHALL ALSO BE BROUGHT TO THE ATTENTION OF THE VILLAGE OBSERVER PRIOR TO SAW CUTTING AND REMOVAL OPERATIONS SO THAT SUCH CONDITIONS MAY BE DOCUMENTED IN THE PROJECT REPORTS.

FAILURE TO PROPERLY DOCUMENT EXISTING DAMAGED CONDITIONS MAY RESULT IN REPAIR OR REPLACEMENT WORK BEING COMPLETED AT THE CONTRACTOR'S EXPENSE.

ALL COSTS ASSOCIATED WITH PRECONSTRUCTION VIDEO, PHOTOGRAPHS, AND REPORTING OF EXISTING DAMAGE SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN OTHER BID ITEMS.

PRECAUTION AGAINST UTILITY DAMAGE

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS, AT NO EXPENSE TO THE OWNER, TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITY LINES DURING THE INSTALLATION OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL MAKE INVESTIGATIONS TO DETERMINE THE LOCATION OF EXISTING UTILITY LINES PRIOR TO CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING WATER AND SEWERAGE SYSTEM RESULTING FROM NON-CONFORMANCE WITH THE APPLICABLE STANDARDS OR THROUGH GENERAL NEGLIGENCE. THE DAMAGED INFRASTRUCTURE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE VILLAGE. ANY ADDITIONAL WORK AND/OR MATERIALS REQUIRED TO COMPLETE THE CORRECTIVE MEASURE SHALL BE AT THE CONTRACTORS COST.

GENERAL

THE CONTRACTOR SHALL BE REGISTERED IN THE VILLAGE OF HIGHLAND HILLS AND OBTAIN A HIGHLAND HILLS STREET OPENING PERMIT BEFORE BEGINNING WORK WITHIN THE RIGHT-OF-WAY.

NO SLAG SHALL BE USED ON THIS PROJECT.

ANY DEFECTS IN THE CONSTRUCTION, INCLUDING MATERIALS OR WORKMANSHIP, SHALL BE CORRECTED BY REMOVAL AND REPLACEMENT OR OTHER APPROVED METHODS PRIOR TO ACCEPTANCE BY THE VILLAGE.

ITEMS IDENTIFIED "AS DIRECTED BY THE ENGINEER", AND THE DISCRETIONARY ALLOWANCE SHALL BE USED BY THE CONTRACTOR ONLY IF AUTHORIZATION IS GIVEN BY THE VILLAGE. ANY ADDITIONAL WORK COMPLETED BY THE CONTRACTOR WITHOUT AUTHORIZATION FROM THE VILLAGE COULD BE AT RISK OF NON-PAYMENT.

EROSION CONTROL

EROSION AND SEDIMENT CONTROL REQUIREMENTS FOR THIS PROJECT ARE ANTICIPATED TO BE MINIMAL. REQUIRED MEASURES ARE EXPECTED TO CONSIST PRIMARILY OF INLET PROTECTION, DUST CONTROL, AND PAVEMENT SWEEPING OPERATIONS.

THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY ON A DAILY BASIS TO MAINTAIN CLEAN AND SAFE ROADWAY CONDITIONS THROUGHOUT THE DURATION OF CONSTRUCTION. SUCH MEASURES MAY INCLUDE, BUT ARE NOT LIMITED TO, CALCIUM CHLORIDE APPLICATION, WATER FOR DUST SUPPRESSION, AND THE USE OF A MOTORIZED DUST-FREE STREET SWEEPING DEVICE, AS DIRECTED BY THE ENGINEER. THESE REQUIREMENTS SHALL APPLY TO ALL ROADWAYS WITHIN THE PROJECT LIMITS AS WELL AS ANY ROADWAYS UTILIZED FOR ACCESS TO THE CONSTRUCTION SITE.

ALL STORM SEWER INLETS AND MANHOLES SHALL BE INSPECTED PRIOR TO THE START OF CONSTRUCTION AND AGAIN UPON COMPLETION OF CONSTRUCTION ACTIVITIES. ANY DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS AND FOUND WITHIN THESE STRUCTURES SHALL BE REMOVED BY THE CONTRACTOR AT NO ADDITIONAL COST. CATCH BASINS SHALL BE PROTECTED USING A DROP-IN STYLE INLET PROTECTION DEVICE SUCH AS FLEXSTORM, SILTSACK, OR AN APPROVED EQUAL.

UPON COMPLETION OF SAW CUTTING OPERATIONS, ALL SLURRY MATERIAL SHALL BE SCRAPED AND COLLECTED USING HAND TOOLS AND PROPERLY DISPOSED OF PRIOR TO ANY WASHING OPERATIONS. SAW CUT SLURRY SHALL NOT BE WASHED OR FLUSHED UNTIL ALL ACCUMULATED MATERIAL HAS BEEN REMOVED.

CONCRETE WASHOUT FROM PAVING OPERATIONS SHALL NOT BE DISCHARGED INTO THE STORM SEWER SYSTEM. THE CONTRACTOR SHALL PROVIDE A DESIGNATED CONCRETE WASHOUT AREA ON-SITE OR OTHERWISE NOTIFY THE VILLAGE OF THE PROPOSED DISPOSAL LOCATION.

INLET PROTECTION DEVICES SHALL BE INSPECTED AND MAINTAINED REGULARLY THROUGHOUT CONSTRUCTION. PRIOR TO REMOVAL OF INLET PROTECTION, ALL ACCUMULATED SEDIMENT AND DEBRIS LOCATED AROUND AND ON TOP OF THE BASIN SHALL BE REMOVED. COLLECTED DEBRIS SHALL BE PROPERLY REMOVED FROM THE SITE AND SHALL NOT BE STOCKPILED ADJACENT TO THE BASIN.

ALL DUST CONTROL AND EROSION AND SEDIMENT CONTROL MEASURES DESCRIBED HEREIN, ALONG WITH ANY ADDITIONAL CONTROLS DEEMED NECESSARY BY THE VILLAGE, SHALL BE CONSIDERED INCIDENTAL TO THE WORK AND INCLUDED IN THE LUMP SUM BID ITEM FOR EROSION CONTROL.

PAVEMENT REMOVED AS PER PLAN

PAVEMENT REMOVAL LIMITS SHALL BE DETERMINED AND MARKED BY THE VILLAGE ENGINEER. DUE TO TRAFFIC VOLUMES, MISCELLANEOUS REPAIR AREAS WILL NOT BE MARKED UNTIL THE CONTRACTOR IS PREPARED TO PERFORM SAWCUTTING OPERATIONS FOR THE REPAIR WORK.

THE UNIT PRICE FOR PAVEMENT REPAIR SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR SAWCUTTING, PAVEMENT REMOVAL, AND OFF-SITE DISPOSAL. REMOVAL OF THE EXISTING BASE MATERIAL WILL NOT BE REQUIRED UNLESS IT IS DETERMINED TO BE UNSUITABLE BY THE ENGINEER.

WHEN AN EXISTING LOOP DETECTOR IS REQUIRED TO BE TAKEN OUT OF SERVICE, THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF HIGHLAND HILLS PRIOR TO COMMENCING WORK.

AGGREGATE BASE AS PER PLAN

BASE MATERIAL IS LIMITED TO LIMESTONE MEETING ODOT 304 GRADATION.

CONTRACTOR IS PERMITTED TO REUSE THE EXISTING BASE MATERIAL UNLESS DETERMINED BY THE ENGINEER IT REQUIRES REPLACEMENT.

A CONTINGENCY QUANTITY OF BASE MATERIAL IS PROVIDED IN THE BID PACKAGE TO REFRESH THE EXISTING BASE MATERIAL. CONTRACTOR WILL BE REQUIRED TO TOP DRESS THE EXISTING BASE MATERIAL AND COMPACT PRIOR TO THE PAVEMENT PLACEMENT.

REINFORCED CONCRETE PAVEMENT AS PER PLAN

ALL CONCRETE WORK SHALL BE COMPLETED IN MODERATE SET (QC-MS) CONCRETE.

CONTRACTOR SHALL USE FIBER REINFORCEMENT.

RECORDS INDICATE A 10" REINFORCED CONCRETE PAVEMENT ON A 6" STONE BASE ON HARVARD ROAD.

TIE BARS/HOOK BOLTS AND DOWEL BARS SHALL BE IN ACCORDANCE WITH ODOT BP 2.1.

FOR JOINT REPAIRS, HOOK BOLTS SHALL BE PLACED AT 12" ON CENTER FOR THE PERIMETER OF THE REPAIR. SLAB REPLACEMENT, WILL REQUIRE THE PLACEMENT OF DOWEL BARS ON THE TRANSVERSE JOINTS. JOINT REPAIRS ARE CONSIDERED REPAIRS BETWEEN 4'-5.5' IN WIDTH. SLAB REPAIRS ARE ANY REPAIR 6' OR GREATER.

THE MISCELLANEOUS CONCRETE REPAIRS ARE INCLUSIVE OF ANY INTEGRAL CURB.

THE CONTRACTOR SHALL MATCH THE LOCATION OF ANY EXISTING EXPANSION JOINTS FOR THE TURN LANE REPLACEMENT. THE CONTRACTOR SHALL REPLACE THE EXPANSION JOINT, IF PRESENT, ON ANY SLAB REPAIR. FOR A JOINT REPAIR, AN EXPANSION JOINT SHALL BE INSTALLED ON ONE SIDE OF THE REPAIR IF THE JOINT BEING REMOVED HAS AN EXISTING EXPANSION JOINT. EXPANSION JOINTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE CONCRETE PAVEMENT

ALL REMOVED PAVEMENT AREAS AND NEWLY PLACED CONCRETE SHALL BE ADEQUATELY PROTECTED FROM VEHICULAR TRAFFIC THROUGH THE USE OF PROPER LANE CLOSURES UTILIZING BARRELS AND/OR BARRICADES, AS INDICATED ON THE DETAIL SHEETS. ANY REPAIR AREA THAT WILL REMAIN EXPOSED TO TRAFFIC SHALL BE PROTECTED WITH STEEL PLATING AND THE APPROPRIATE WARNING SIGNAGE IN ACCORDANCE WITH APPLICABLE TRAFFIC CONTROL REQUIREMENTS.

LOOP DETECTOR REPLACEMENT AS PER PLAN

THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF HIGHLAND HILLS WHEN THE EXISTING LOOP DETECTOR WILL BE TAKEN OUT OF SERVICE.

ONE 30' X 6' LOOP DETECTOR SHALL BE INSTALLED ONCE ALL REPAIRS ON HARVARD ARE COMPLETED. LOOP DETECTOR REPLACEMENT SHALL INCLUDE ALL WIRING FOR A COMPLETELY OPERATIONAL SYSTEM INCLUSIVE OF NECESSARY WIRING ACROSS THE FULL WIDTH OF THE EASTBOUND LANES.

WIRING DIAGRAM FROM THE ORIGINAL PAVEMENT IMPROVEMENTS ARE PROVIDED. CONTRACTOR SHALL VERIFY THAT NO ADDITIONAL

MAINTENANCE OF TRAFFIC AS PER PLAN

SEE MAINTENANCE OF TRAFFIC SHEET FOR REQUIREMENTS

PAVEMENT MARKING AS PER PLAN

THE CONTRACTOR WILL BE REQUIRED TO REPAINT ALL THE EXISTING EASTBOUND MARKING IN ALL LANES FROM THE BEGINNING OF THE TURN LANE THROUGH THE ROBERT BISHOP/EATON INTERSECTION. MARKINGS INCLUDE ALL ARROWS, LANE LINES, CHANNEL LINES, STOP BARS AND THE CROSSWALK FROM THE CURB TO THE MEDIAN ISLAND BUT EXCLUDES THE BULL NOSE AND TRANSVERSE LINES AT THE EAST END OF THE PROJECT.

WHERE THE WORD "ONLY" APPEARS IT SHALL BE REPLACED WITH A LEFT ARROW.

SITE RESTORATION AS PER PLAN

THE CONTRACTOR MUST COMPLETELY RESEED THE LEFT-TURN LANE MEDIAN ISLAND.

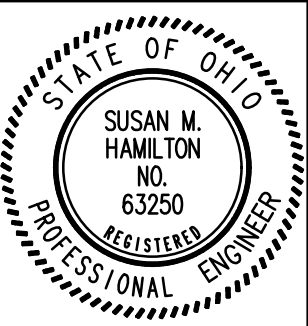
FOR MISCELLANEOUS REPAIRS, THE CONTRACTOR MUST MINIMIZE GROUND DISTURBANCE OUTSIDE THE PAVEMENT REPLACEMENT ZONE.

RESTORATION REQUIRES SUPPLYING AND PLACING TOPSOIL, SEED, AND STRAW OVER ALL DISTURBED AREAS. THE MEDIAN ISLAND RESTORATION ALSO INCLUDED NETTING TO SECURE THE STRAW BEFORE GERMINATION. UPON NOTIFICATION BY THE VILLAGE AFTER GRASS ESTABLISHMENT, THE CONTRACTOR MUST RETURN TO REMOVE THE NETTING AND STRAW.

THE CONTRACTOR IS ONLY RESPONSIBLE FOR THE INITIAL WATERING, PROVIDED THE WORK SATISFIES THE VILLAGE AND DISTURBANCE WAS MINIMIZED.

ALL SEEDED AREAS MUST UTILIZE A MIX OF 30% KENTUCKY BLUEGRASS, 30% CREEPING RED FESCUE, 20% PERENNIAL RYEGRASS, AND 20% ANNUAL RYEGRASS. PRIOR TO SEEDING, RESTORATION AREAS REQUIRE A MINIMUM 2-INCH TOPSOIL LAYER. THIS TOPSOIL MUST SIT ON A GRADED, LIGHTLY COMPACTED BASE FREE OF FOREIGN DEBRIS AND STONES 1/2 INCH OR LARGER.

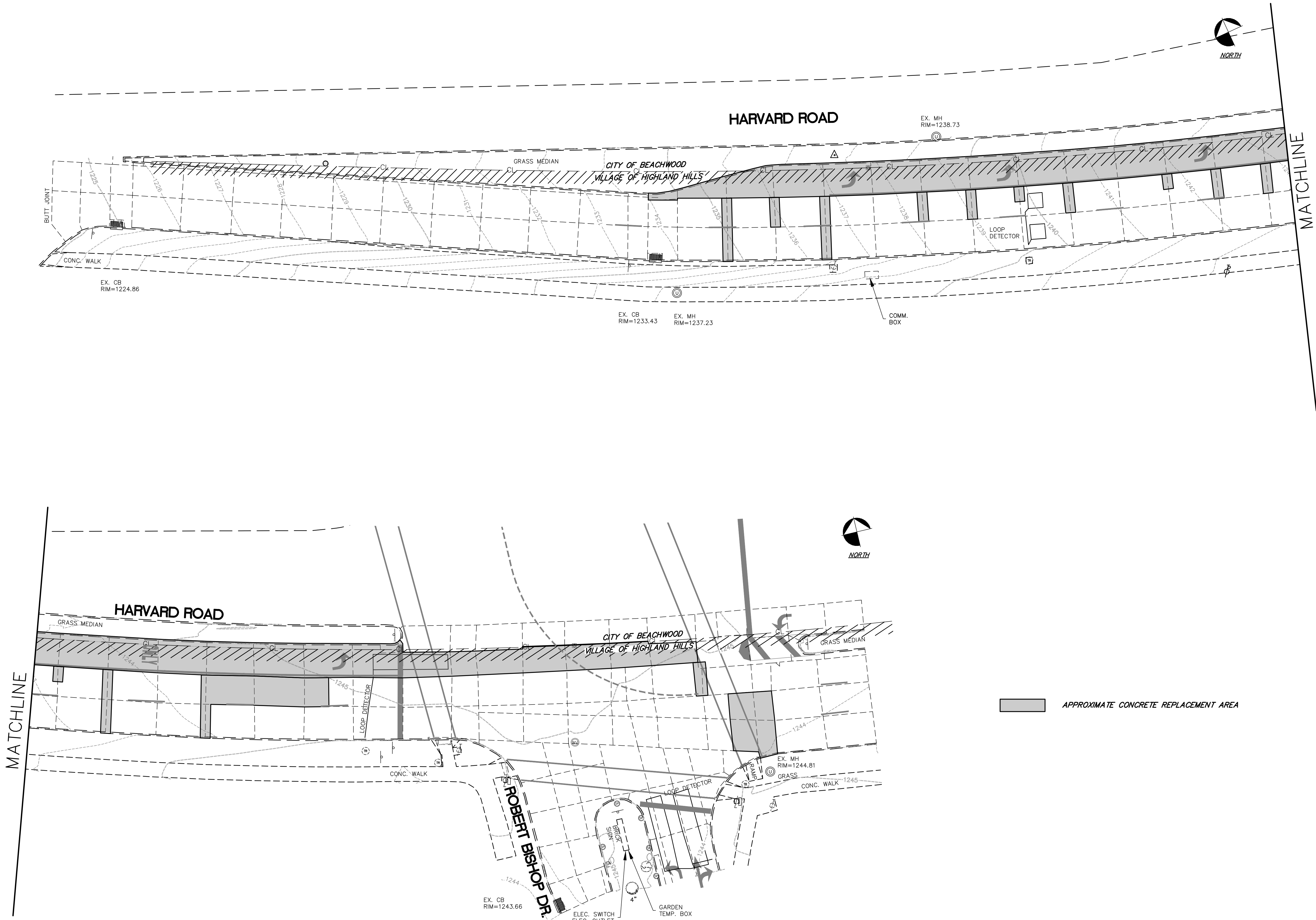
ALL RESTORATION COSTS MUST BE INCLUDED IN THE LUMP-SUM BID FOR SITE RESTORATION.



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STATE OF OHIO
SUSAN M. HAMILTON
NO. 63250
REGISTERED
PROFESSIONAL ENGINEER

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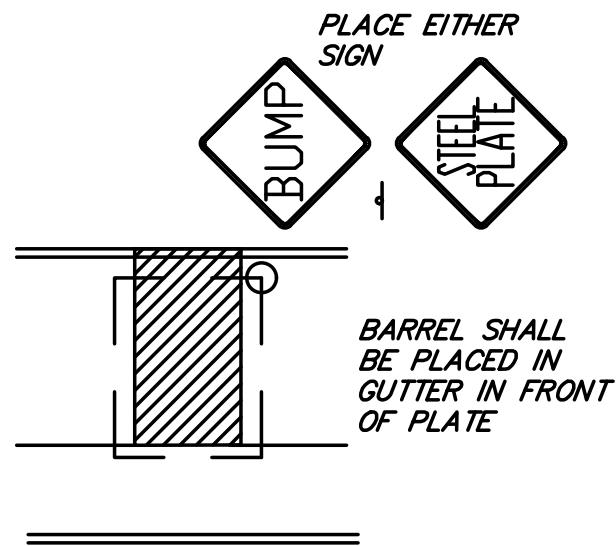
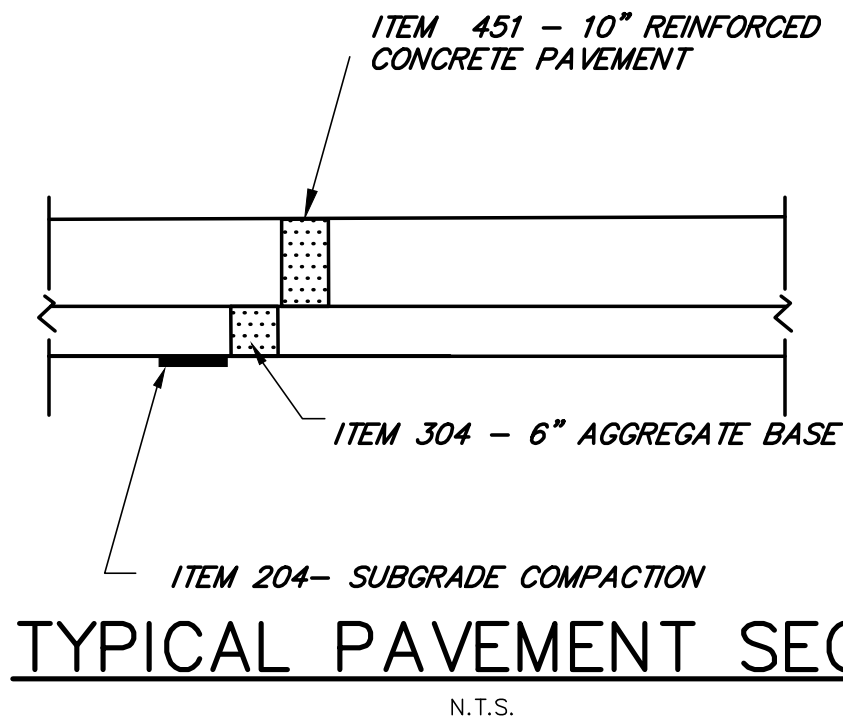
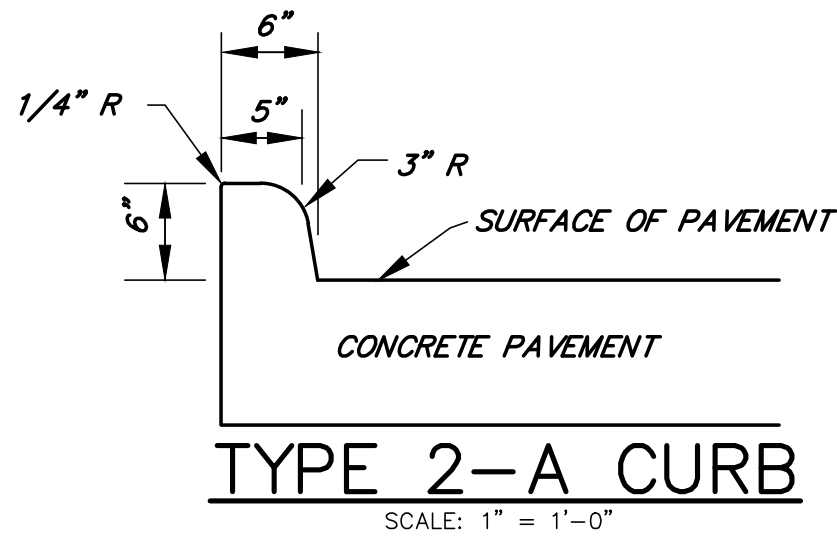
HIGHLAND HILLS, OHIO
HARVARD ROAD CONCRETE REPAIRS
REPAIR LOCATIONS

JUNE 2026

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*STEEL PLATES TO BE ANCHORED IN PLACE TO PREVENT BOUNCING.

HIGHLAND HILLS, OHIO
HARVARD ROAD CONCRETE REPAIRS
MISCELLANEOUS DETAILS

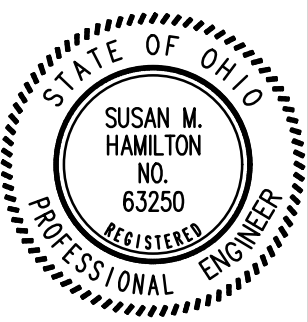
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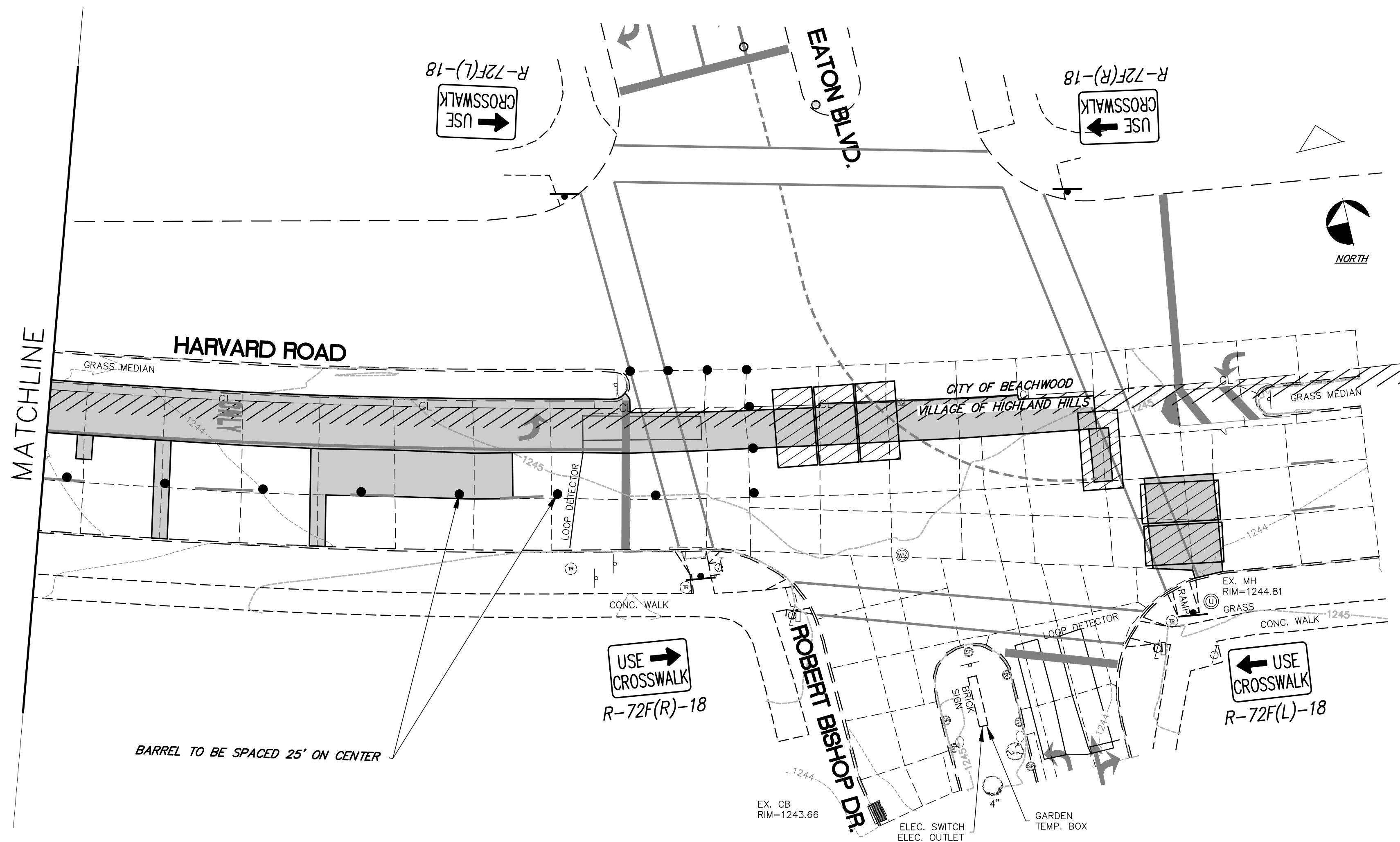
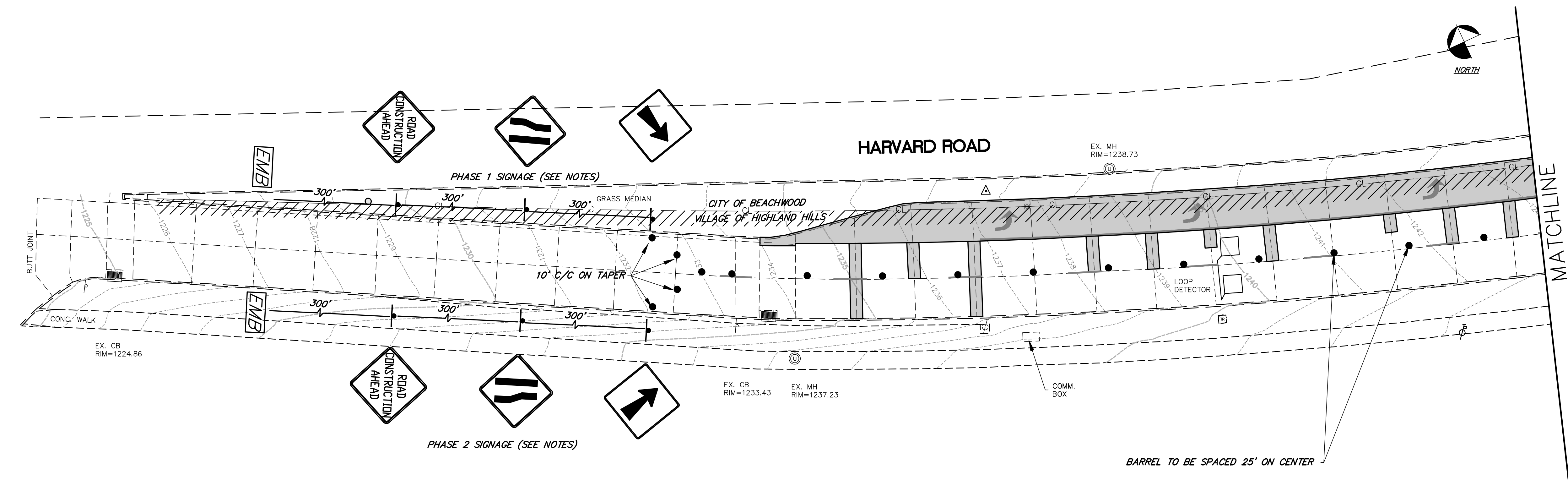
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LEGEND

- APPROXIMATE CONCRETE REPLACEMENT AREA
- ELECTRONIC MESSAGE BOARD
- STEEL PLATES

MAINTENANCE OF TRAFFIC NOTES

WORK SHALL BE COMPLETED IN TWO PHASES.
PHASE 1 - CLOSURE OF CENTER THROUGH LANE AND EASTBOUND LEFT TURN LANE
PHASE 2 - CLOSURE OF THE EASTBOUND CURB LANE.

THE CONTRACTOR MUST SUPPLY AND DEPLOY AN OPERATIONAL ELECTRONIC MESSAGE BOARD ON-SITE A MINIMUM OF TWO WEEKS BEFORE CONSTRUCTION BEGINS. THIS MESSAGE BOARD MUST REMAIN IN PLACE AND ACTIVE FOR THE ENTIRE DURATION OF PHASE 1 OF THE PROJECT. THE EMB SHALL INCLUDE A MESSAGE PROHIBITING THE LEFT TURN MOVEMENT ONTO EATON BOULEVARD AND DIRECTING VEHICLES TO USE THE RICHMOND ROAD ENTRANCE FOR EATON BOULEVARD WHILE APPLICABLE.

WORK AT THE INTERSECTION OF ROBERT BISHOP DRIVE AND EATON BOULEVARD MUST BE PHASED TO ENSURE THAT LEFT TURNS ARE ALLOWED AT ALL TIMES WITH THE EXCEPTION OF THE MOVEMENT FROM HARVARD ROAD EASTBOUND ONTO EATON BOULEVARD. LEFT TURNS WILL BE PROHIBITED FROM THIS MOVEMENT DURING CONSTRUCTION IN THE LEFT TURN AND CENTER THROUGH LANE. UPON THE COMPLETION OF THE LEFT AND CENTER LANES, LEFT TURNS ONTO EATON BOULEVARD FROM HARVARD ROAD EASTBOUND MAY RESUME.

EATON BOULEVARD LEFT TURN MOVEMENT ONTO EASTBOUND HARVARD ROAD SHALL BE REDUCED TO A SINGLE TURN LANE DURING CONSTRUCTION.

A SINGLE LANE OF EASTBOUND TRAFFIC SHALL BE MAINTAINED ON HARVARD ROAD AT ALL TIMES.

STEEL PLATES SHALL BE USED IN LOCATIONS AS INDICATED ON THE PLANS FOR MAINTAINING TRAFFIC WITHIN THE INTERSECTION

WORK WITHIN THE INTERSECTION SHALL REQUIRE POLICE PRESENCE DURING PEAK TRAFFIC HOURS

STANDARD CONSTRUCTION HOURS ON HARVARD ROAD ARE RESTRICTED TO MONDAYS THROUGH FRIDAYS FROM 7:00 A.M. TO 7:00 P.M. ANY ADDITIONAL WORK OUTSIDE THESE HOURS, IS PROHIBITED WITHOUT PRIOR AUTHORIZATION. PAVEMENT REMOVAL AND POURING OF THE PHASE 2 WORK SHALL NOT BE COMPLETED DURING PEAK TRAFFIC HOURS.

HIGHLAND HILLS, OHIO

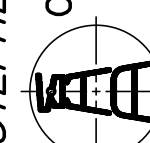
HARVARD ROAD CONCRETE REPAIRS MAINTENANCE OF TRAFFIC

JUNE 2026

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CONSULTING ENGINEERS AND PLANNERS
TWO MERIT DRIVE
RICHMOND HEIGHTS, OHIO 44143
PH: (216) 731-6255 FAX: (216) 731-4483



NO.	DESCRIPTION	DATE	BY
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