

LATITUDE: 39°15'49.6" N LONGITUDE: 84°24'18.7" W

INTERSTATE HIGHWAY ______

FEDERAL ROUTES ._____

COUNTY & TOWNSHIP ROADS ______

OTHER ROADS ______

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

HAM - SHARONVILLE SRTS 2021

CITY OF SHARONVILLE HAMILTON COUNTY

INDEX OF SHEETS:

TITLE SHEET SCHEMATIC PLAN P.2 -P.3 TYPICAL SECTIONS P.5 - P.8 GENERAL NOTES MAINTENANCE OF TRAFFIC NOTES P.9 -P.10 P.11 -P.12 GENERAL SUMMARY **SUBSUMMARIES** ROADWAY PLANS/INTERSECTION DETAILS P.19 - P.23 TRAFFIC CONTROL P.24 - P.26

DESIGN DESIGNATION CURRENT ADT (2022)	CORNELL ROAD 5,164	MAPLE STREET N/A	BEEKLEY WOODS DRIVE N/A	CREEK ROAD N/A	THORNVIEW DRIVE N/A	ROBINDALE DRIVE N/A
DESIGN YEAR ADT (2044)		, N/A	N/A	N/A	, N/A	N/A
DESIGN HOURLY VOLUME (20)		<i>N/A</i>	N/A	N/A	N/A	<i>N/A</i>
DIRECTIONAL DISTRIBUTION	<i>N/A</i>	N/A	<i>N/A</i>	N/A	N/A	N/A
TRUCKS (24 HOUR B&C)	96	N/A	<i>N/A</i>	N/A	N/A	<i>N/A</i>
DESIGN SPEED	25 MPH	25 MPH	25 MPH	25 MPH	25 MPH	25 MPH
LEGAL SPEED	25 MPH	25 MPH	25 MPH	25 MPH	25 MPH	25 MPH

DESIGN FUNCTIONAL CLASSIFICATION: CORNELL ROAD - MAJOR COLLECTOR (URBAN) MAPLE STREET - LOCAL (URBAN)
BEEKLEY WOODS DRIVE - LOCAL (URBAN)
CREEK ROAD - LOCAL (URBAN)
THORNVIEW DRIVE - LOCAL (URBAN) ROBINDALE DRIVE - LOCAL (URBAN)

NHS PROJECT _____ NO

DESIGN EXCEPTIONS

PORTION TO BE IMPROVED.

ADA DESIGN WAIVERS

REQUIRED

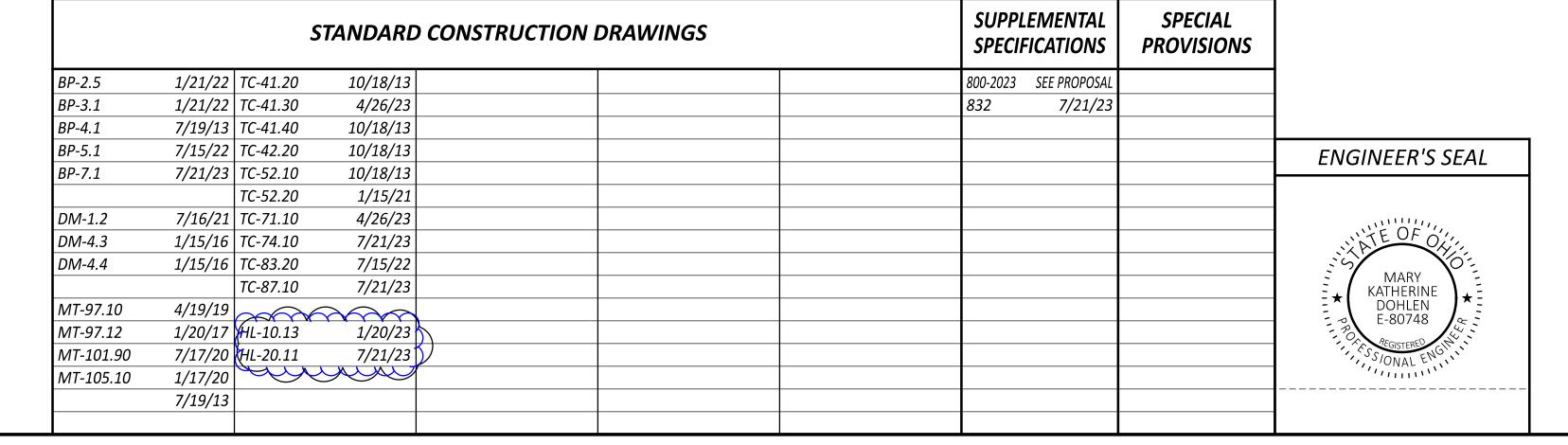
UNDERGROUND UTILITIES Contact Two Working Days Before You Dig **OHIO811.** org **→** Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764 (Non members must be called directly)

PLAN PREPARED BY:

Michael Baker INTERNATIONAL

1111 SUPERIOR AVE E, SUITE 2300 CLEVELAND, OH 44114



FEDERAL PROJECT NUMBER

E210 (417)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

AT THE INTERSECTION OF CREEK RD AT BEEKLEY WOODS, INSTALL ADA COMPLIANT CURB RAMPS; RELOCATE THE CROSSWALK TO THE EAST SIDE OF BEEKLEY WOODS DRIVE; INSTALL HIGH VISIBILITY CROSSWALKS, SIGNAGE, PEDESTRIAN ACTIVATED FLASHING BEACONS, AND DIGITAL SPEED FEEDBACK SIGNS.

AT CORNELL RD AT MAPLE STREET, INSTALL ADA COMPLIANT CURB RAMPS, INSTALL HIGH VISIBILITY CROSS WALKS, FLASHING STOP SIGNS, AND SCHOOL ZONE PAVEMENT MARKINGS AND SIGNAGE.

AT THE INTERSECTION OF THORNVIEW AND ROBINDALE/EVENDALE, INSTALL HIGH VISIBILITY CROSSWALKS, ADA COMPLIANT RAMPS, AND CROSSWALK SIGNAGE/PAVEMENT MARKING

EARTH DISTURBED AREAS

0.2 ACRES PROJECT EARTH DISTURBED AREA: 0.0 ACRES ESTIMATED CONTRACTOR EARTH DISTURBED AREA: NOTICE OF INTENT EARTH DISTURBED AREA: N/A (NOI not required)

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLAN AND ESTIMATES.

District 08 Deputy Director

lack Marchbanks, PhD Director, Department of Transportation

ESIGN AGENCY

NTERNATIONA

ESIGNER

MKD 08/22/23 ROJECT ID

115447 P.1 P.26

ITEM 630 - SIGNING, MISC.: SOLAR-POWERED DIGITAL FEEDBACK SPEED SIGN ASSEMBLY

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING A RADAR SOLAR-POWERED DIGITAL FEEDBACK SPEED SIGN. ALL MATERIAL AND LABOR REQUIRED TO PROVIDE A COMPLETE FUNCTIONING SYSTEM ARE TO BE INCLUDED. THE SIGN SHALL BE SELF-POWERED BY SOLAR PANELS AND BATTERIES WITH NO EXTERNAL ELECTRICAL POWER INSTALLATION. ALL PROVISIONS OF SECTIONS 630. 631 AND 632 OF THE OHIO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SHALL APPLY EXCEPT AS MODIFIED BELOW:

THE SCOPE OF THIS ITEM INCLUDES, BUT IS NOT LIMITED TO, SOLAR PANELS, BATTERIES, CONTROLLER ENCLOSURE, CONTROL SYSTEMS, CONDUIT, AN ALL LED TWO DIGIT RADAR DIGITAL SPEED FEEDBACK DISPLAY SIGN, MOUNTING BRACKETS, AND ANY INCIDENTAL COMPONENTS TO COMPLETE THE SYSTEM, AND SITE RESTORATION.

PRIOR TO ORDERING SOLAR POWERED SIGNS AT STA 6+78 (CREEK RD.), CONFIRM SIGN CAN BE LOCATED SO IT IS NOT SHADED IN DAYLIGHT HOURS. IF THIS IS NOT FEASIBLE, DIGITAL FEEDBACK SIGN AT THIS LOCATION SHALL CONNECT TO POWER DROP FOR EXISTING SIGN, AND NO SOLAR PANEL SHALL BE USED, ALL PAID INCIDENTAL TO THIS ITEM.

MATERIALS

ALL PROVISIONS OF SECTIONS 725, 730, 731, AND 733 SHALL APPLY TO THIS SPECIFICATION EXCEPT AS MODIFIED BELOW:

RADAR EQUIPMENT AND HOST CABINET:

THE LOCAL EQUIPMENT CONTROLLING THE COMPONENTS OF THE RADAR SPEED DISPLAY SHALL BE CONTAINED IN A CONTROLLER ENCLOSURE CONSTRUCTED OUT OF ALUMINUM AND BE AS LIGHTWEIGHT AS POSSIBLE (THE ENCLOSURE SHALL BE LOCKABLE, WATERTIGHT, VANDAL AND TAMPER RESISTANT). THE DIMENSIONS SHALL BE SUFFICIENT TO HOUSE THE CONTROLLER, COMMUNICATION COMPONENTS, TOGGLE SWITCH, RADAR GUN, AND BATTERIES FOR BACK-UP POWER SUPPLY. ALL COMPONENTS SHALL BE DESIGNED TO OPERATE UNDER AMBIENT TEMPERATURE CONDITIONS FROM -40 DEGREES FAHRENHEIT TO +130 DEGREES FAHRENHEIT FOR UP TO 24 HOURS PER DAY.

SPEED DISPLAY:

THE DRIVER FEEDBACK SPEED DISPLAY SHALL HAVE THE CAPABILITY TO DISPLAY THE APPROACHING VEHICLE SPEED IN INCREMENTS OF 1 MPH. THE DRIVER FEEDBACK DISPLAY SHALL UTILIZE NUMERIC CHARACTERS, 12 INCHES (MINIMUM) IN HEIGHT. THE LEDS LUMINOUS INTENSITY SHALL BE CONTROLLED AUTOMATICALLY TO OPTIMIZE LIGHTING INTENSITY FOR DAYTIME, NIGHTTIME, AND ADVERSE WEATHER CONDITIONS. THE SPEED LIMIT DISPLAY SHALL BE READABLE FROM AT LEAST 400 FEET AWAY IN ALL LIGHTING CONDITIONS. THE DRIVER FEEDBACK SPEED DISPLAY AND SIGN SHALL CONFORM TO THE REQUIREMENTS OF THE MUTCD AND PROVIDE FOR THE FEEDBACK DISPLAY ON THE LOWER PORTION AND SHALL HAVE "YOUR SPEED" PRINTED IN 4 INCH HIGH BLACK LETTERS ON A YELLOW BACKGROUND ABOVE THE DISPLAY ON THE SIGN FACE.

CONTROLS:

THE MINIMUM PC SYSTEM REQUIREMENTS SHALL BE WINDOWS 10 UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS. THE SYSTEM SHALL HAVE THE CAPABILITY TO REMOTELY TURN THE DISPLAY ON AND OFF DURING THE PROGRAMMED TIMES THROUGH THE USE OF A WIRELESS MODEM. A DIRECT LAND-LINE MODEM SHALL ALSO BE PROVIDED WHEN SPECIFIED IN THE CONTRACT DOCUMENTS. THE COMMUNICATION OPTION(S) SHALL BE CAPABLE OF DATA TRANSFER TO INCLUDE UPDATES.

EMERGENCY SHUTOFF:

ONE TOGGLE-TYPE POWER SWITCH, FOR THE SOLAR POWER SOURCE, SHALL BE PROVIDED FOR EMERGENCY SHUTOFF AT THE LOCAL ENCLOSURE ON THE POLE.

ITEM 630 - SIGNING, MISC.: SOLAR-POWERED DIGITAL FEEDBACK SPEED SIGN ASSEMBLY (CONTINUED)

SOFTWARE:

THE CONTROLLER SOFTWARE SHALL BE PROGRAMMABLE AND CAPABLE OF CREATING AND PRELOADING A SINGLE COMPUTER-CONTROLLED SCHEDULE OF OPERATION FOR THE DISPLAY FOR A MINIMUM OF ONE YEAR. THE OPERATOR MUST BE PROVIDED THE ABILITY TO REMOTELY AND INDEPENDENTLY ACTIVATE AND DEACTIVATE THE SYSTEM DURING THE PROGRAMMED TIMES. THE SOFTWARE SHALL PROVIDE A METHOD TO REMOTELY UPLOAD SCHEDULES TO THE DISPLAY. IN ADDITION, THE SOFTWARE SHALL ALLOW FOR REMOTELY RETRIEVING INFORMATION, SUCH AS THE STATUS OF THE DISPLAY AND DIRECT CONTROL OF DISPLAY FUNCTIONS SUCH AS TEST PATTERNS AND LIGHTING CONTROLS.

THE CONTRACTOR SHALL SET THE INITIAL PROGRAMMING SUCH THAT THE DIGITAL FEEDBACK SPEED SIGN IS OPERATIONAL ONLY DURING THE HOURS IN WHICH THE REDUCED SCHOOL SPEED LIMIT IS IN EFFECT UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

POWER SUPPLY:

THE POWER SUPPLY SHALL BE SOLAR, MEETING ALL APPLICABLE CODES AND "GENERAL ELECTRICAL REQUIREMENTS FOR SOLAR POWERED DEVICES" ON SHEET P.5.

SOLAR POWER SHALL INCLUDE THE FOLLOWING:

1. ONE SOLAR PANEL ARRAY WITH A BRACKET FOR MOUNTING TO THE TOP OF THE POLE.

MANUNCH MANUNC 2. ALL CABLE(S) BETWEEN THE SOLAR PANEL AND THE CONTROLLER/BATTERY ENCLOSURE SHALL BE ROUTED INTERNAL TO THE PEDESTAL POLE.

CONSTRUCTION DETAILS

ALL PROVISIONS OF SECTIONS 630, 631, AND 632 SHALL APPLY TO THIS SPECIFICATION EXCEPT AS MODIFIED BELOW:

ELECTRICAL AND COMMUNICATION SHALL BE RUN IN SEPARATE CONDUITS.

THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER, AT LEAST TWO WEEKS BEFORE INSTALLATION, DETAILED SPECIFICATIONS, PARTS LISTS, MANUFACTURER'S CUT SHEETS, INSTRUCTION SHEETS, AND WIRING DIAGRAMS FOR THE EQUIPMENT TO BE INSTALLED. THE ENGINEER WILL SUBMIT THE DOCUMENTS TO THE DISTRICT TRAFFIC ENGINEER FOR REVIEW. THE CONTRACTOR MUST RECEIVE APPROVAL FROM THE ENGINEER, PRIOR TO ANY INSTALLATION OF ANY OF THE COMPONENTS OF THE DIGITAL FEEDBACK SPEED SIGN ASSEMBLY.

THE CONTRACTOR SHALL PLACE AND ORIENT THE DIGITAL FEEDBACK SPEED SIGN ASSEMBLY IN SUCH A MANNER AS TO OPTIMIZE VIEWING AND DETECTION ANGLES USING THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS FOR INSTALLATION AND AS APPROVED BY THE ENGINEER.

IF THE ENGINEER DETERMINES THAT THE UNIT IS NOT FUNCTIONING PROPERLY, THE CONTRACTOR SHALL SECURE THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR THE INSTALLATION AND TESTING AND IF NECESSARY, FOR THE ORIENTATION OF THE DIGITAL FEEDBACK SPEED SIGN ASSEMBLY COMPONENTS, INCLUDING ORIENTING THE SOLAR PANEL ARRAY FOR OPTIMUM PERFORMANCE.

WHERE NEW WORK IS TO MEET EXISTING MATERIALS, THE CONTRACTOR'S METHODS SHALL PROVIDE FOR NEAT LINES, BEING CAREFUL NOT TO DAMAGE THE MATERIAL TO REMAIN. THE RESTORATION OF DISTURBED AREAS SHALL UTILIZE MATERIAL AND WORKMANSHIP OF LIKE-KIND-QUALITY COMMENSURATE WITH PREEXISTING CONDITIONS.

ITEM 630 - SIGNING, MISC.: SOLAR-POWERED DIGITAL FEEDBACK SPEED SIGN ASSEMBLY (CONTINUED)

PEDESTAL SHAFT AND BASE

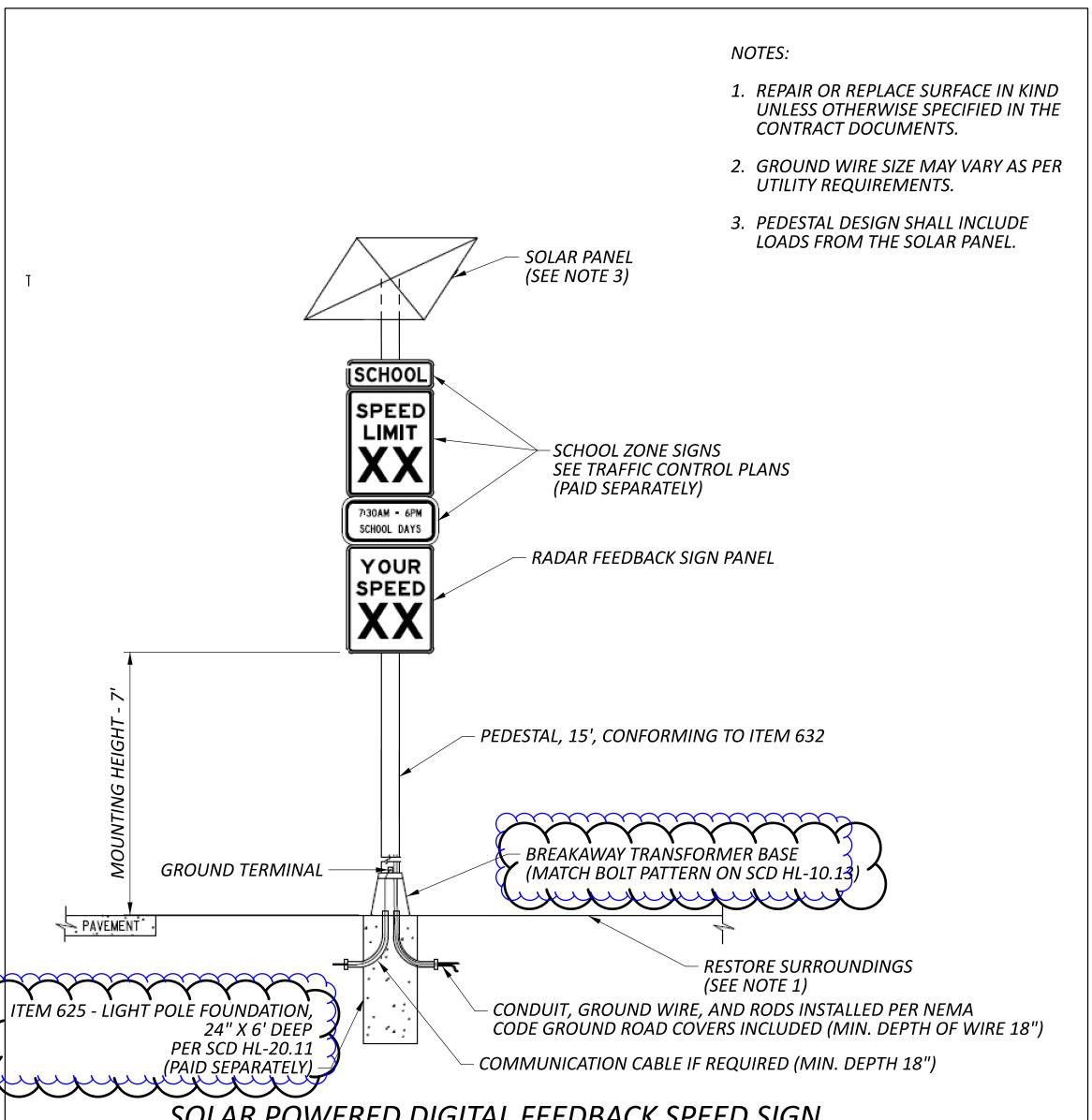
MOUNT ON A STANDARD 4.5-INCH OD ALUMINUM PEDESTAL POLE WITH BREAKAWAY BASE AS PER MANUFACTURER REQUIREMENTS. A 14 FOOT POLE SHALL BE PROVIDED AND FIELD ADJUSTED AND CAPPED TO MAINTAIN THE PROPER SIGN MOUNTING HEIGHTS, UNLESS SPECIFIED OTHERWISE IN THE PLANS. POLE AND BASE MANUFACTURER SHALL BE LISTED ON ODOT'S QUALIFIED PRODUCTS LIST.

METHOD OF MEASUREMENT

THIS WORK WILL BE MEASURED AS THE NUMBER OF COMPLETE FUNCTIONING RADAR SPEED DISPLAY ASSEMBLIES SATISFACTORILY FURNISHED AND INSTALLED.

BASIS OF PAYMENT

THE UNIT PRICE BID SHALL INCLUDE THE COST OF FURNISHING ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY TO SATISFACTORILY COMPLETE THE WORK. THE DIGITAL FEEDBACK SPEED SIGN WILL BE PAID UNDER THE UNIT BID PRICE FOR ITEM 630 SIGNING, MISC.: SOLAR-POWERED DIGITAL FEEDBACK SPEED SIGN ASSEMBLY. THE FLAT SHEET STATIC SIGNS, AND FOUNDATION SHOWN IN THE ASSOCIATED DETAILS WILL BE PAID FOR SEPARATELY.



SOLAR POWERED DIGITAL FEEDBACK SPEED SIGN

SMP REVIEWER

ESIGNER

ESIGN AGENCY

Michael Baker

NTERNATIONA

ROJECT ID 115447

MKD 08/22/23

P.8 P.26

SHEET NUMBER PARTICIPATION GRAND UNIT SEE ITEM | ITEM EXT. **DESCRIPTION** SHEET P.15 P.18 P.6 P.16 S>2/28 ROADWAY 11000 LS 201 LS CLEARING AND GRUBBING 47 23000 47 PAVEMENT REMOVED 2248 30000 2248 WALK REMOVED 2248 292 292 32000 292 FΤ CURB REMOVED 127 202 CURB AND GUTTER REMOVED 32500 127 40 10000 SUBGRADE COMPACTION 13000 26 **EXCAVATION OF SUBGRADE** 60200 LINEAR GRADING 4" CONCRETE WALK, AS PER PLAN 10001 803 1535 1535 52001 1535 608 CURB RAMP, AS PER PLAN 30 P.6 98100 WALKWAY, MISC.: SIDEWALK CURB 690E98000 EACH UTILITY TEST HOLE **EROSION CONTROL** SOIL ANALYSIS TEST 659 00100 EACH 33 659 33 CY00300 00500 300 *300* SEEDING AND MULCHING, CLASS 1 0.04 0.04 659 20000 TON COMMERCIAL FERTILIZER SUMMARY 0.06 0.06 0.06 659 31000 ACRE 659 MGAL | WATER 35000 5000 EACH 832 *5000* 30000 EROSION CONTROL DRAINAGE GENERAL 380 4" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, AS PER PLAN 605 06021 99655 EACH MANHOLE ADJUSTED TO GRADE, AS PER PLAN **PAVEMENT** 45 58 PAVEMENT REPAIR, AS PER PLAN P.5 *253* 02001 2372 2372 254 2372 01000 PAVEMENT PLANING, ASPHALT CONCRETE, 1 $\frac{1}{2}$ " 01000 PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH (0"-3") 70 304 26 26 20000 AGGREGATE BASE 221 20000 221 NON-TRACKING TACK COAT 102 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M 441 70100 12011 8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN 40 40 452 40 SY P.6 142 609 26001 142 CURB, TYPE 6, AS PER PLAN 128 98000 128 609 128 CURB, MISC.: HAMILTON COUNTY COMBINATION CURB AND GUTTER P.6 4 EACH LIGHT POLE FOUNDATION, 24" X 6' DEEP 625 14000 white the test of the second state of the seco 232000 PEACH GROUND ROD TO THE TOTAL STATE OF THE T 193.8 193.8 193.8 GROUND MOUNTED SUPPORT, NO. 3 POST 630 *03100* 223.4 223.4 223.4 630 P.6 04101 GROUND MOUNTED SUPPORT, NO. 4 POST, AS PER PLAN 12.0 08520 STREET NAME SIGN SUPPORT, NO. 3 POST 12.0 630 12.0 15 15 630 15 EACH 08600 SIGN POST REFLECTOR 204.0 204.0 204.0 630 80100 SIGN, FLAT SHEET 84900 22 22 630 22 REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL 85100 13 13 630 13 REMOVAL OF GROUND MOUNTED SIGN AND REERECTION 19 19 630 86002 19 REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL 20 630 97700 SIGNING, MISC.: SOLAR-POWERED DIGITAL FEEDBACK SPEED SIGN ASSEMBLY P.8 630 97700 SIGNING, MISC.: SOLAR-POWERED LED ENHANCED STOP (R1-1, 30") SIGN SRT ESIGN AGENCY 630 97700 P.7 SIGNING, MISC.: SOLAR-POWERED RRFB SIGN ASSEMBLY 94406 REMOVAL OF SIGNS WIRED SHARONVILLE 94490 REMOVAL, MISC.: REMOVAL OF LIGHTED CROSSWALK SIGN AND SUPPORT AND DISPOSAL P.6 631 Michael Bake INTERNATIONA 0.02 0.02 MILE EDGE LINE, 4" 0.02 644 00100 0.07 0.07 644 MILE CENTER LINE 0.07 00300 STOP LINE 99 99 00500 99 ESIGNER 430 00630 430 644 430 CROSSWALK LINE, 24" SMP 20100 SCHOOL SYMBOL MARKING, 72" 646 EACH REVIEWER MKD 08/22/23 646 50000 REMOVAL OF PAVEMENT MARKING ROJECT ID 115447 **INCIDENTALS** P.11 P.26 LS 614 11000 **MAINTAINING TRAFFIC**

630 630 630 630 630 630 630 630 630 630 630 631 631 STATION | SIDE CODE SIGN POST EACH EACH EACH EACH EACH EACH EACH EACH CORNELL RD. 6+93.00 S1-1-36 36 X 36 \ 14.6 9.0 W16-9P-24 24 X 12 2.0 6+93.00 *15.6* 24 X 30 \ S5-3-24 5.0 8+05.58 5.0 8+05.58 R2-1-24 24 X 30 (8.0 S5-H1-24 24 X 48 S-3 P.24 14.5 8+05.58 9+24.90 **SUBSUMMARY** 30 X 30 \ 10+06.82 R1-1-30 *15.0* 10+06.82 R1-3P-18 18 X 6 0.8 10+25.04 S-7 P.24 10+81.55 15.0 30 X 30 \ 10+81.55 R1-1-30 S-7 10+81.55 R1-3P-18 18 X 6 0.8 11+51.14 12+84.97 SIGNING S-9 S1-1-36 36 X 36 / 14.6 9.0 P.24 14+00.00 2.0 14+00.00 W16-9P-24 24 X 12 (14+72.21 19+65.62 24 X 48 \ 8.0 S5-H1-24 5.0 19+66.09 S5-3-24 24 X 30 ₍ 13.0 19+72.58 21+52.07 S1-1-36 36 X 36 14.6 9.0 21+52.07 24 X 12 P.24 W16-9P-24 2.0 LT MAPLE ST. 6+38.10 36 X 36 (9.0 S1-1-36 14.6 24 X 12 2.0 6+38.10 W16-9P-24 13.6 6.3 R1-1-30 30 X 30 \ 6+93.81 0.8 R1-3P-18 18 X 6 6+93.81 P.24 2 6+93.81 12.0 7+02.00 CREEK RD. 14.6 9.0 P.25 5+78.00 S1-1-36 36 X 36 \ P.25 5+78.00 W16-9P-24 24 X 12 (2.0 24 X 48 8.0 S5-H1-24 6+77.62 24 X 30 S5-3-24 5.0 13.0 6+79.00 20 14.5 S-22 24 X 48 ₍ 8.0 P.25 S5-H1-24 *11+75.00* SRTS S-23 S5-H1-24 14.5 8.0 P.25 24 X 48 (14+00.00 DESIGN AGENCY S-24 P.25 16+82.40 S-25 16+86.31 SHARONVILLE P.25 16+93.89 Michael Baker S-27 P.25 17+61.51 INTERNATION A S-28 P.25 17+62.06 RT P.25 18+98.00 ESIGNER S-30 14.6 9.0 20+25.00 S1-1-36 36 X 36 ₁ BKR S-30 P.25 W16-9P-24 24 X 12 \ 2.0 20+25.00 REVIEWER 8.0 S-31 P.25 22+04.34 S5-H1-24 24 X 48 (SS 08/22/23 ROJECT ID 24 X 30 ⁽ 15.6 S-32 P.25 22+04.67 R2-1-24 5.0 115447 TOTALS CARRIED TO SHEET P.18 147.7 97.6 148.8 12.0 12 8 20 2 P.17 P.26