VILLAGE OF LOWELLVILLE **WEST WOOD STREET IMPROVEMENTS PROJECT** LOWELLVILLE, OHIO **OPWC PROJECT No. CT28W**

	INDEX OF SHEETS					
SHEET NUMBER	SHEET TITLE					
01	COVER SHEET					
02	GENERAL NOTES - 01					
03	LEGEND & SYMBOLOGY					
04	CONSTRUCTION DETAILS - 01					
05	CONSTRUCTION DETAILS - 02					
06	SURVEY CONTROL PLAN					
07	EXISTING CONDITIONS					
08	SITE IMPROVEMENTS - 01					
09	SITE IMPROVEMENTS - 02					
10	SITE IMPROVEMENTS - 03					
11	SITE IMPROVEMENTS - 04					

OUPS DESIGN SERIAL NUMBERS:

3903900405-00B

OUPS UTILITY LIST:

	WATER	-	AQUA OHIO
2.	GAS	-	DOMINION EAST OHIO
3.	PHONE	-	AT&T
ŀ.	FIBER	-	CENTURYLINK
5.	FIBER	-	CHARTER
b .	ELECTRIC	-	OHIO EDISON



1-800-362-2764

CALL TWO WORKING DAYS BEFORE YOU DIG

(NON MEMBERS MUST BE CALLED DIRECTLY)

UNDERGROUND BUILDING SERVICE UTILITY LINES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, MAINTAINING AND REPLACING AS NECESSARY TO ENSURE CONTINUAL SERVICE TO BUILDINGS

THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, HREE WORKING DAYS PRIOR TO CONSTRUCTION

THE CONTRACTOR IS RESPONSIBLE TO COORDINATE THEIR EFFORTS WITH THE LISTED OUPS ONE CALL UTILITIES AS WELL AS ANY ENCOUNTERED UTILITIES THAT MAY BE UNLISTED

JULY, 2019





20 FEDERAL PLAZA WEST SUITE 303 | YOUNGSTOWN, OHIO 44503 | PHONE: 330-746-1200







ENGINEER'S PROJECT No. 190074

1. 1 2. 1 3. 1 4. 1 5. 1 6. 1 7. 1 8. 1 9. 1 10. 1	ANY REVISIONS TO THE ACCEPTED CONSTRUCTION PLANS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND SHALL NOTIFY THE ENGINEER, IN WRITING, OF ANY DISCREPANCIES. NO WORK SHALL COMMENCE WITHOUT AN EXECUTED NOTICE TO PROCEED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH OSHA SAFETY REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL VISITORS, EMPLOYEES AND WORKERS ON THE CONSTRUCTION SITE. THE CONTRACTOR SHALL CONSTRUCT THIS PROJECT IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL BUILDING CODES. ALL EXCAVATIONS ARE TO BE SECURED AND PROTECTED AT ALL TIMES. ALL SEDIMENT AND EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED. ANY DISTURBED AREAS NOT SCHEDULED FOR CONSTRUCTION ACTIVITIES WITHIN 14 DAYS OF DISTURBANCE SHALL BE TEMPORARILY STABILIZED.	1. 2. 3. 4.	THE L CONC HOUR WORF IN THE IMMEE AT NC SUPP WHER WORF DURIN EXIST THE C	LOCA CERNI XS BE K WIT E EVE DIATE D ADE ORT CORT XE EX X EFF NG TH ING F
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8. / 9. ⁻ 10. ⁻	ALL SEDIMENT AND EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTORBANCE IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED. ANY DISTURBED AREAS NOT SCHEDULED FOR CONSTRUCTION ACTIVITIES WITHIN 14 DAYS OF DISTURBANCE SHALL BE TEMPORARILY STABILIZED.	4.	THE U	
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9. · · · · · · · · · · · · · · · · · · ·				
10. ⁻ I	THE CONTRACTOR SHALL WORK WITHIN DESIGNATED STREET RIGHTS-OF-WAY, UTILITY EASEMENTS, AND CONSTRUCTION EASEMENTS WHILE CONSTRUCTING THIS PROJECT UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL MINIMIZE LAND AND PROPERTY DISTURBANCE WITHIN SAID RIGHTS-OF-WAY AND EASEMENTS.		6650 SC BOARDI 330-397	DUTH MAN, '-0787
:	THE CONTRACTOR SHALL PRESERVE ALL CORNERSTONES, IRON PINS, CONCRETE MONUMENTS, OR ANY OTHER TYPE OF LAND MONUMENT. THE CONTRACTOR SHALL HAVE ALL MONUMENTS IN THE PROXIMITY OF THE WORK REFERENCED. THE CONTRACTOR SHALL REPLACE DESTROYED OR DISTURBED LAND MONUMENTS AND SHALL FURNISH A CERTIFICATION BY AN OHIO REGISTERED SURVEYOR THAT THE MONUMENTS HAVE BEEN RESTORED.		DOMINI BILL SN 320 SPF AKRON 330-926	<u>ON E</u> IYDEF RINGS I, OHI(
11 (ALL POLLUTANTS OTHER THAN SEDIMENT THAT OCCUR ON-SITE DURING CONSTRUCTION SHALL BE HANDLED AND LEGALLY DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORM OR SURFACE WATERS. POLLUTANTS OF CONCERN INCLUDE, BUT ARE NOT LIMITED TO, FUELS, LUBRICANTS, SOLVENTS, CONCRETE BI-PRODUCTS AND CONSTRUCTION MATERIALS.		M	\T
12.	THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS.	1.	THE R THE C LOCA	<⊨MO CONTI L.ST
13	AT LEAST FIVE DAYS PRIOR TO THE START OF ACTUAL CONSTRUCTION WORK, A PRE-CONSTRUCTION CONFERENCE WILL BE HELD AT A TIME MUTUALLY AGREEABLE TO THE PARTICIPANTS. THE PROJECT ENGINEER, APPROPRIATE VILLAGE, TOWNSHIP, AND COUNTY OFFICIALS, THE CONTRACTOR, AND REPRESENTATIVES OF THE UTILITY COMPANIES SHALL ATTEND THE MEETING.			
14. (CONTRACTOR IS REQUIRED TO SUBMIT A COMPREHENSIVE WORK SCHEDULE AT THE PRE-CONSTRUCTION MEETING FOR REVIEW AND APPROVAL BY THE OWNER.	2.	OF TH COVE BE PR	IS CONTI IS CO R BY ROPEI
15.	THE CONTRACTOR SHALL NOT COMMENCE WITH ANY FORM OF CONSTRUCTION WITHOUT CONTACTING CT CONSULTANTS, INC. (330) 746-1200 A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITY TO ARRANGE FOR OBSERVATION. IF ANY CHANGE IN WORK SCHEDULE BECOMES NECESSARY, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT CT CONSULTANTS, INC. TO AVOID UNNECESSARY OBSERVATION COSTS. IF NO NOTIFICATION IS MADE IN REGARDS TO CANCELLATION OF WORK, THE CONTRACTOR WILL BE CHARGED FOR THE TIME INCURRED.	3.	THE C CONS NO SE	E AR COST SIDER EPAR
16.	ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED FROM 7:30 A.M. TO 7:30 P.M. MONDAY THROUGH FRIDAY, UNLESS OTHERWISE APPROVED BY THE MUNICIPALITY AND THE ENGINEER.	4.	TEMP PLACI TO TH	'ORAF ED BY 1E OV
17. J	AS BUILT RECORDS - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A SET OF PROJECT RECORD DOCUMENTS. THESE DOCUMENTS SHALL INCLUDE REVIEWED SHOP DRAWINGS, CHANGE ORDERS, EQUIPMENT OPERATING INSTRUCTIONS, FIELD TEST	5.		
	RECORDS, AND AS BUILT DRAWINGS. THE AS BUILT DRAWINGS SHALL BE MARKED LEGIBLY IN RED WITH THE ACTUAL LOCATION OF EQUIPMENT AND CONDUITS AS CONSTRUCTED. ALL EQUIPMENT AND UNDERGROUND CONDUITS INSTALLED SHALL HAVE LOCATIONS MARKED IN DISTANCE OFF A LANDMARK AT LEAST EVERY 25 FEET AND AS NECESSARY AT BENDS FOR LOCATION OF A LATER DATE. FINAL DOCUMENTS AND PLANS SHALL BE DELIVERED TO THE OWNER. THE CONTRACTOR SHALL SUBMIT RECORD DRAWINGS TO THE ENGINEER WITHIN 30 CALENDAR DAYS OF THE ISSUANCE OF THE CERTIFICATION OF SUBSTANTIAL COMPLETION OR PRIOR TO THE	6.	DUMP	' SITE
:	SUBMISSION OF THE FINAL PAYMENT APPLICATION, WHICH EVER OCCURS FIRST.	1.	ALL S CONT	
1. [.]	THE "CONSTRUCTION AND MATERIAL SPECIFICATIONS" OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION (ODOT), LATEST	2.	NO BA	
	EDITION, CURRENT ODOT SUPPLEMENTAL SPECIFICATIONS, AND CURRENT ODOT STANDARD DRAWINGS SHALL GOVERN WORK AND MATERIALS WHICH ARE NOT SPECIFIED OR MODIFIED HEREIN OR ON THE PROJECT CONTRACT DRAWINGS. ALL REFERENCES TO "THE DEPARTMENT" SHALL BE CHANGED TO "THE OWNER OR HIS REPRESENTATIVE." THE PROJECT CONTRACT DRAWINGS AND SPECIFICATIONS, IN THE EVENT OF A DISCREPANCY, SHALL SUPERSEDE THE ODOT SPECIFICATIONS.	3.	ALL E	XCAV
2. 	THE ABSENCE OF AN "AS PER PLAN" DESIGNATION ON SOME ITEM DESCRIPTIONS IN THE PROPOSAL FOR WHICH THERE ARE CLEAR AND CONTROLLING PLAN NOTES, SPECIFICATIONS, OR OTHER REQUIREMENTS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO READ, BID AND CONSTRUCT THOSE PARTICULAR ITEMS IN ACCORDANCE WITH THE GOVERNING PLAN NOTES, SPECIFICATIONS, OR OTHER REQUIREMENTS AND THE CONTRACTOR SHALL HAVE NO BASIS OF CLAIM BASED UPON AN "ORDER OF PRECEDENCE".	4.	THE C LINE (ENGIN PERM	CONTE OF WO NEER. 1ISSIC
	EXISTING CONDITIONS:	1.	CONT	RACI
1. : I	SHOULD IT BECOME NECESSARY TO CHANGE THE POSITION OR TEMPORARILY REMOVE ANY STORM DRAIN, SANITARY SEWER, ELECTRIC CONDUITS, WATER PIPES, GAS PIPES, PROCESS OR OTHER PIPES OR WIRES IN ORDER TO PERMIT THE CONTRACTOR TO USE		SMOC	ER. FO DTH T
-	A PARTICULAR METHOD OF CONSTRUCTION OR IN ORDER TO CLEAR THE STRUCTURES BEING BUILT, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE LOCATION AND CIRCUMSTANCES AND SHALL CEASE WORK, IF NECESSARY, UNTIL SATISFACTORY ARRANGEMENTS HAVE BEEN MADE BY THE OWNERS OF SAID PIPES OR WIRES TO PROPERLY CARE FOR THE SAME, NO CLAIMS FOR	2.	ALL G	RASS
	DAMAGES WILL BE ALLOWED ON ACCOUNT OF ANY DELAY OCCASIONED THEREBY. THE ENTIRE COST OF THE CHANGES OR TEMPORARY REMOVAL MUST BE INCLUDED IN THE PRICES STIPULATED FOR THE VARIOUS ITEMS OF WORK TO BE DONE UNDER THIS	3.	ALL D DISTU	JRBA
(4. 5	THE C	
1.	THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF THE PUBLIC FROM ANY HAZARDS CAUSED BY THE CONSTRUCTION OF	5.	WITH	THE
	PROTECTION. THE CONTRACTOR SHALL PROVIDE SIGNS, BARRICADES, FENCING, PLATES, COVERS, ETC. NEEDED TO PROVIDE THIS PROTECTION. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS WITH RESPECT TO PROTECTING THE PUBLIC.	1	CONS	TRUC
	DUST CONTROL:	1. 2.	CONS	STRUC
1.	MATERIALS AND EQUIPMENT, SUCH AS WATER, ARE TO BE PROVIDED BY THE CONTRACTOR FOR USE AS DUST CONTROL, AS DIRECTED BY THE ENGINEER. NO SEPARATE PAYMENT WILL BE MADE.	3.	ALL C	ONST

H-\2019\190074\DWG\SHEETS\G_190074 - GENERAL NOTES & SYMBOLOGY DWG - GN-01 - 4/4/2019 4:15:22 PM - ERIC SCHUBER

EXISTING UTILITIES:

IONS OF THE UNDERGROUND UTILITIES ARE PLOTTED ACCORDING TO THE INFORMATION FURNISHED BY THE UTILITIES D AND THE OWNER DOES NOT GUARANTEE THE ACCURACY THEREOF. CONTRACTOR TO CALL OUPS (1-800-362-2764) "48 FORE YOU DIG" AND CALL OIL & GAS PRODUCERS PROTECTIVE (1-800-925-0988). CONTRACTOR ALSO TO COORDINATE HIS H THE UTILITIES LISTED ON THIS SHEET.

INT OF DAMAGE TO EXISTING PUBLIC AND/OR PRIVATE UTILITIES, THE AGENCY CONCERNED SHALL BE NOTIFIED LY AND ALL REPAIR WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RESPECTIVE AGENCY ITIONAL EXPENSE TO THE OWNER INCLUDING ANY INSPECTION FEES OR MAINTENANCE CREWS. UTILITY RELOCATION AND COST SHALL BE INCLUDED IN OTHER BID ITEMS.

ISTING POWER OR TELEPHONE POLES ARE IN CLOSE PROXIMITY TO WORK, THE CONTRACTOR SHALL COORDINATE HIS ORTS WITH THOSE OF THE UTILITY COMPANIES SUCH THAT THEIR EXISTING FACILITIES CAN BE MAINTAINED AND PROTECTED E TIME WORK IS GOING ON ADJACENT TO THE POLE. THE COST FOR ANY REQUIRED PROTECTION OR RELOCATION OF OWER OR TELEPHONE POLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NOT BE THE RESPONSIBILITY OF

Y OWNERSHIPS, AS REPORTED BY OUPS, ARE AS LISTED ON THE COVER SHEET OF THIS PROJECT'S PLAN SET AND THE NFORMATION FOR EACH UTILITY IS LISTED BELOW.

AVENUE OHIO 44512

AST OHIO SIDE DR. SUITE 320 D 44333

GARY NAUMANN 8179 DOW CIRCLE STRONGSVILLE, OHIO 44136 216-575-8016

CHARTER

HAROLD MAYNARD **50 WEST BOWERY STREET** AKRON, OHIO 44308 330-384-8974

CENTURYLINK PAT FARONE 1 FEDERAL PLAZA WEST, STE 1000 YOUNGSTOWN, OHIO 44503 724-312-7908

OHIO EDISON RAYMOND JENKINS, JR. 730 SOUTH AVENUE YOUNGSTOWN, OHIO 44502 330-740-7625

ERIAL DISPOSAL AND TEMPORARY SURFACES:

VAL AND DISPOSAL OF ALL SURPLUS EXCAVATED MATERIAL AND CONSTRUCTION DEBRIS SHALL BE THE RESPONSIBILITY OF RACTOR FOR ULTIMATE DISPOSAL. THE CONTRACTOR SHALL OBTAIN ALL APPROVALS, PERMITS, LICENSES, ETC, FROM ATE AND FEDERAL AGENCIES AND/OR PRIVATE LANDOWNERS. THE CONTRACTOR SHALL FURNISH THE ENGINEER A COPY OF VALS OR WRITTEN PERMISSION PRIOR TO DISPOSING OF ANY WASTE AT SAID SITE.

RACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE RESTORATION OF ALL MATERIAL WASTE AREAS USED IN THE COURSE INTRACT. THE RESTORATION WORK SHALL INCLUDE CLEANUP, SHAPING AND GRADING AND ESTABLISHMENT OF VEGETATIVE SEEDING AND MULCHING IN ACCORDANCE WITH ODOT SPECIFICATION NO. 659. THE FINAL GRADING OF WASTE AREAS SHALL RLY SLOPED TO PROVIDE DRAINAGE RUNOFF. ALL ROCKS, BOULDERS AND CONCRETE CHUNKS SHALL BE BURIED WITHIN THE EA TO A DEPTH OF AT LEAST TWO (2) FEET AND SHALL NOT BE VISIBLE AT COMPLETION.

OF HEREIN DESCRIBED WORK, INCLUDING SEEDING AND MULCHING NECESSARY TO SECURE THESE RESULTS, SHALL BE ED INCIDENTAL TO THE OTHER VARIOUS ITEMS OF WORK IN THIS CONTRACT AND INCLUDED IN THE RESPECTIVE PAY ITEMS. ATE PAYMENT SHALL BE MADE.

RY SURFACES WHERE EXCAVATION ARE LOCATED IN STREETS, DRIVES AND PARKING AREAS SHALL BE FURNISHED AND THE CONTRACTOR AND SHALL BE FULLY MAINTAINED TO MINIMIZE INCONVENIENCE TO THE PUBLIC AT NO ADDITIONAL COST /NFR

DESCRIBED WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF ALL WORK AND INCLUDED IN THE /E PAY ITEMS AND SHALL NOT BE A SEPARATE PAY ITEM.

ES MUST BE APPROVED BY THE OWNER.

CLEARING AND GRUBBING:

PS, TREES, UNSUITABLE EXCAVATED MATERIAL, AND OTHER CONSTRUCTION DEBRIS SHALL BE DISPOSED OF BY THE OR. AND INCLUDED IN THE BID PRICE.

LLING OF ANY TRENCHES OR EXCAVATIONS WILL BE PERMITTED WITHOUT TAMPING EQUIPMENT BEING USED. FLOODING, R PUDDLING OF BACKFILL WILL NOT BE PERMITTED.

ATION SHALL BE CONSIDERED UNCLASSIFIED. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR SHALE EXCAVATION.

RACTOR SHALL INCLUDE ALL NECESSARY PRECAUTIONS TO PROTECT AND SAVE ALL TREES WHICH ARE ADJACENT TO THE DRK AND SHALL REMOVE ONLY THOSE TREES WHICH ARE DESIGNATED FOR REMOVAL ON THE PLANS OR DIRECTED BY THE TREE ROOTS AND OVERHANGING BRANCHES SHALL BE CUT AND REMOVED FROM THE SITE, EXCEPT WITH SPECIAL IN OF THE ENGINEER. REFER TO PLANS FOR LOCATIONS OF TREE REMOVAL AND CLEARING AND GRUBBING.

RESTORATION:

OR SHALL RESTORE ANY DISTURBED AREAS CAUSED FROM CONSTRUCTION TO PRE-CONSTRUCTION CONDITIONS OR OR DISTURBED LAWN AREAS, THE CONTRACTOR SHALL INSTALL COMPACTED, SCREENED, IMPORTED TOPSOIL TO PROVIDE A RANSITION FROM THE TOP BACK OF NEW CURB SURFACES TO THE EXISTING NON-PAVED SURFACE OR EXISTING SIDEWALK.

AREAS ARE TO BE RESTORED UNLESS OTHERWISE SHOWN ON THE CONTRACT DRAWINGS.

RED PROPERTY SHALL BE RESTORED TO THE PRE-CONSTRUCTION CONDITION OR BETTER WITHIN 30 DAYS OF ICE.

OSITION OF SEED MIXTURE SHALL CONFORM TO THE PROJECT SPECIFICATIONS FOR SEEDING.

NG CASTINGS, VALVE COVERS, PULL BOXES, AND ALL OTHER UTILITY APPURTENANCES SHALL BE ADJUSTED TO BE FLUSH FINISHED GRADE PRIOR TO FINAL RESURFACING.

NOISE CONTROL PRACTICES:

TION ACTIVITIES WILL BE LIMITED TO WEEKDAY DAYTIME HOURS, UNLESS APPROVED IN ADVANCE BY THE OWNER.

CTION EQUIPMENT WILL BE PROVIDED WITH INTAKE SILENCERS AND MUFFLERS, AS REQUIRED BY SAFETY STANDARDS.

FRUCTION VEHICLES SHOULD BE EQUIPPED WITH PROPER EMISSIONS CONTROL EQUIPMENT.

LLY CHECK EQUIPMENT AND MACHINERY FOR PROPER TUNING TO MINIMIZE EXHAUST EMISSIONS AND NOISE.

- THERETO.
- OPEN BURNING OF PROJECT DEBRIS WITHOUT A PERMIT.
- PERMISSION OF THE PROPERTY OWNER AND THE CONSENT OF THE ENGINEER.
- THE HOURS ALLOWED BY LOCAL ORDINANCES OR REGULATIONS.
- MUNICIPAL OFFICIALS AND THE ENGINEER AND CLOSING CLEAR ACCESS:
- 8.1. BY FIRE PROTECTION EQUIPMENT AND EMERGENCY VEHICLES;
- PLACE OF RESIDENCE; OR

PROPOSED IMPROVEMENTS:

- COURSE.
- APPROVED SUBSTITUTE
- IMPROVEMENTS 01.
- APPROXIMATELY ILLUSTRATE WHERE IMPROVEMENTS BEGIN AND END.
- CONSTRUCTION AT THE SAME ELEVATION OR IN A SIMILAR MANNER TO EXISTING.
- SHOWN IN THE PLANS IF NO JOINT EXISTS WITHIN 10-FEET OF THE ILLUSTRATED LIMITS.
- 9.1. INTERFACE OF NEW AND EXISTING ASPHALT
- 9.3. INTERFACE OF NEW ASPHALT AND EXISTING CASTINGS
- STOCKPILE LOCATION HAS BEEN DETERMINED BY THE OWNER.
- OR MATERIALS WILL BE MADE.
- MADE.
- 48-HOURS PRIOR TO WORK INVOLVING REMOVING THE EXISTING CURB.
- SUBSTITUTE.
- AND EXISTING PAVEMENT/DRIVEWAY.

PROHIBITED CONSTRUCTION ACTIVITIES:

THE USE OF EXPLOSIVES WITHIN VILLAGE LIMITS. UNLESS A PERMIT IS ISSUED BY THE OWNER.

PUMPING OF SEDIMENT-LADEN WATER FROM TRENCHES OR OTHER EXCAVATIONS DIRECTLY INTO ANY SURFACE WATERS, STREAM CORRIDORS, OR STORM SEWERS; ALL SUCH WATER WILL BE PROPERLY FILTERED OR SETTLED TO REMOVE SILT PRIOR TO RELEASE.

DISCHARGING POLLUTANTS SUCH AS CHEMICALS, FUELS, LUBRICANTS, BITUMINOUS MATERIALS, RAW SEWAGE, OR ANY OTHER HARMFUL WASTE INTO OR ALONGSIDE OF RIVERS. STREAMS, IMPOUNDMENTS OR INTO NATURAL OR MAN-MADE CHANNELS LEADING

STORING CONSTRUCTION EQUIPMENT AND VEHICLES AND/OR STOCKPILING CONSTRUCTION MATERIALS ON PROPERTY, PUBLIC OR PRIVATE, NOT PREVIOUSLY SPECIFIED ON THE PLANS BY THE ENGINEER FOR SUCH PURPOSES.

RUNNING WELL POINT OR PUMP DISCHARGE LINES THROUGH PRIVATE OR PUBLIC PROPERTY AND RIGHTS-OF-WAY WITHOUT

OPERATION ENTAILING THE USE OF VIBRATORY HAMMERS OR COMPACTORS OUTSIDE THE HOURS OF 8:00 AM AND 5:00 PM OR OUTSIDE

CLOSING OFF CLEAR ACCESS TO ANY PUBLIC ALLEY, STREET, ROAD, AVENUE OR BOULEVARD WITHOUT THE PRIOR CONSENT OF

8.2. BY THE PUBLIC TO ANY COMMERCIAL OR PROFESSIONAL PLACE OF BUSINESS, QUASI-PUBLIC OR PUBLIC ESTABLISHMENT, OR

8.3. BY VEHICLES TO DRIVEWAYS WITHOUT THE PROVISION OF ALTERNATIVE MEANS OF BUILDING INGRESS AND EGRESS.

THE USE OF SLAG OR RECYCLED PRODUCTS WILL NOT BE PERMITTED FOR USE FOR ANY ASPECT OF THIS PROJECT UNLESS APPROVED BY THE MUNICIPALITY AND THE ENGINEER. SPECIFICALLY, NO RECYCLED ASPHALT PRODUCT (RAP) WILL BE PERMITTED.

THE COARSE AGGREGATE MATERIAL SHALL BE ONLY LIMESTONE FOR ALL ASPHALT CONCRETE AND ASPHALT CONCRETE SURFACE

THE EXPANSION JOINT MATERIAL SHALL BE W.R. MEADOWS SPONGE RUBBER EXPANSION JOINT MATERIAL, COLOR GRAY, OR

ADDITIONAL GENERAL SITE IMPROVEMENTS NOTES PERTAINING TO THE ENTIRETY OF THE PROJECT CAN BE FOUND ON SHEET 08 - SITE

THIS PROJECT UTILIZES STATIONS AND OFFSETS WITH REFERENCE TO ROADWAY CENTERLINE ALIGNMENTS IN ORDER TO

ALL STATIONS AND OFFSETS ARE APPROXIMATE. IMPROVEMENTS INVOLVING TYING NEW IMPROVEMENTS INTO EXISTING CONSTRUCTION SHALL BE PERFORMED AND INSTALLED TO THE NEAREST CONSTRUCTION JOINTS AND TIE-IN TO THE EXISTING

ALL PAVEMENT PAINTING SHALL CONFORM TO THE MOST CURRENT ODOT STANDARDS AND SPECIFICATIONS AND OCCUR AFTER FINAL PAVEMENT RESURFACING. TRAFFIC PAINT SHALL BE OF TYPE ODOT 643 - POLYESTER PAVEMENT MARKING.

THE LIMITS OF PROPOSED ASPHALT RESURFACING SHALL EXTEND TO THE NEAREST EXISTING PAVEMENT JOINT OR TO THE LIMITS

RUBBERIZED ASPHALT SEALER SHALL BE INSTALLED AFTER FINAL RESURFACING, AT A MINIMUM, AT THE FOLLOWING LOCATIONS:

9.2. INTERFACE OF NEW ASPHALT AND NEW OR EXISTING CURBING

9.4. COLD JOINTS OF NEW ASPHALT (24-HOURS OR MORE BETWEEN PLACEMENT OF ADJACENT ASPHALT)

10. ALL ASPHALT GRINDINGS WILL BE PROVIDED AND DELIVERED TO THE OWNER AT NO ADDITIONAL COST. THE OWNER SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 48-HOURS PRIOR TO STOCKPILING THE GRINDINGS IN ORDER TO DETERMINE THE SPECIFIC STOCKPILE LOCATION. THE GRINDINGS WILL BE STOCKPILED IN A LOCATION SPECIFIED BY THE OWNER AT THE VILLAGE OF LOWELLVILLE STREET DEPARTMENT GARAGE ON MCGAFFNEY STREET. NO STOCKPILING SHALL TAKE PLACE UNTIL THE OWNER IS NOTIFIED AND THE

ANY EXISTING DRIVEWAY APRON THAT IS DAMAGED OR AFFECTED BY CONSTRUCTION, UNLESS SPECIFIED TO BE REPLACED IN THE PLANS, SHALL BE REPLACED IN-KIND AT NO ADDITIONAL COST TO THE OWNER OR THE PROJECT. NO ADDITIONAL PAYMENT FOR TIME

. EXISTING SIDEWALK BEING REPLACED SHALL BE INSTALLED AT THE SAME ELEVATION AS EXISTING. THE NEW SIDEWALK SHALL TIE-IN FLUSH TO EXISTING SURROUNDING FEATURES SUCH AS EXISTING DRIVEWAYS, SIDEWALK, LAWN AREAS, ETC. IF THE NEW SIDEWALK IS DEEMED BY THE ENGINEER OR THE OWNER TO NOT CONFORM TO THE EXISTING FEATURES, THE CONTRACTOR WILL REPLACE THE NEW SIDEWALK AT NO ADDITIONAL COST TO THE OWNER OR THE PROJECT. NO ADDITIONAL PAYMENT FOR TIME OR MATERIALS WILL BE

3. EXISTING SANDSTONE CURB BEING REMOVED SHALL BE NEATLY SAWCUT AND REMOVED CAREFULLY SO AS TO PREVENT DAMAGE OR BROKEN SECTIONS, WHEN POSSIBLE. THE OWNER WILL DETERMINE IN THE FIELD WHICH, IF ANY, SECTIONS SHALL BE STOCKPILED AT THE VILLAGE OF LOWELLVILLE STREET DEPARTMENT AT NO ADDITIONAL COST. THE CONTRACTOR SHALL NOTIFY THE OWNER AT LEAST

4. ADA DETECTABLE WARNING PAD SHALL BE DURALAST DETECTABLE WARNING PLATE, EJIW PRODUCT NUMBER 00700571, OR APPROVED

. EXISTING PAVEMENT/DRIVEWAYS BEHIND LOCATIONS OF NEW CONCRETE DRIVEWAY APRONS SHALL BE NEATLY SAWCUT AT THE APPROXIMATE LIMITS SHOWN IN THE PLANS. THE CONTRACTOR SHALL FORM UP TO THE EXISTING DRIVEWAY APRON AND INSTALL EXPANSION JOINT MATERIAL AT THE INTERFACE OF EXISTING TO NEW PAVEMENT. IN NO CASE SHALL A GAP EXIST BETWEEN THE NEW

))	
			VILLAGE OF LOWELLVILLE	ISSUED FOR:	BID SET	ON	REVISION	DATE		
SHEET	GE	1	WEST WOOD STREET	ISSUE DATE:	07/19/2019					
	SHEET GN	90 DISCI		SCALE:	AS SHOWN				your trusted advisor	MICHAEL
	-R/		D D D D D D D D D D D D D D D D D D D	DESIGNED BY:	EMS				consultants engineers architects	
OF 11	аL I	4	GENERAL NOTES - 01	DRAWN BY:	EMS				planners	
				CHECKED BY:	CMK					

EXISTING LINEWORK LEGEND:

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	$ \begin{array}{c} 15" SAN \\ \hline 15" SAN \\ \hline SSS SS \\ SSS \\ S$

FENCE, GENERAL FENCE, BARBED WIRE FENCE, CHAIN LINK FENCE, DECORATIVE FENCE, ELECTRIC FENCE, VINYL FENCE, WOOD FENCE, WOVEN WIRE CABLE RAIL GUARDRAIL HANDRAIL TELEPHONE, ABANDONED TELEPHONE TELEPHONE, OH TELEPHONE, UG TELEPHONE, SERVICE TELEPHONE, SERVICE OH TELEPHONE, SERVICE, UG ELECTRIC, ABANDONED ELECTRIC, DUCT BANK ELECTRIC ELECTRIC, OH ELECTRIC, UG ELECTRIC, SERVICE ELECTRIC, SERVICE OH ELECTRIC, SERVICE, UG GAS, ABANDONED GAS GAS, SERVICE SANITARY, ABANDONED SANITARY FORCE MAIN SANITARY SEWER 12" & SMALLER SANITARY LEACH LINE SANITARY SEWER GREATER THAN 12" SANITARY SEWER IN PROFILE VIEW SANITARY SEWER, SERVICE STORM SEWER, ABANDONED STORM CULVERT STORM SEWER 12" & SMALLER STORM SEWER GREATER THAN 12" COMBINATION SEWER (SAN & STM) OVER / UNDER SANITARY / STORM SEWER STORM, ROOF DRAIN STORM, UNDERDRAIN WATER LINE, ABANDONED WATER LINE WATER LINE, DOUBLE WATER LINE, SERVICE BRUSH LINE BUSH LINE TREE LINE MAJOR CONTOUR MINOR CONTOUR TOP OF BANK TOP OF DITCH BOTTOM OF DITCH WATER EDGE PROPERTY LINE RIGHT-OF-WAY LINE RIGHT-OF-WAY C/L SURVEY STATIONING PAVED ROADWAY GRAVEL DRIVEWAY CURB FACE CURB BACK

EXISTING PLAN SYMBOLOGY:

(TEL)

TP

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(TW)

	AISTING PLA
\bigcirc	OVER / UNDER MANHOLE
C	COMBINED (SAN /STORM) MANHOLE
S	SANITARY MANHOLE
0	SANITARY CLEANOUT
I	SANITARY LINE CAP
SAN	SANITARY LINE PAINT MARKING
(00)	SANITARY STRUCTURE NUMBER
\otimes	SANITARY VENT PIPE
	SANITARY SERVICE CONNECTION
	STORM SERVICE CONNECTION
	STORM MANHOLE (SOLID LID)
Ð	STORM MANHOLE (OPEN GRATE)
	CURB INLET
	CURB INLET (DOUBLE)
	CATCH BASIN
	CATCH BASIN (ROUND LID)
	CATCH BASIN (DOME)
•	CATCH BASIN (SIDE INLET)
	DRAIN
	DOWNSPOUT
0	
0	STORM CLEANOUT
	STORM LINE CAP
	STORM ENDWALL
	STORM HEADWALL
STM X	STORM LINE PAINT MARKING
	STORM STRUCTURE NUMBER
	ROCK CHANNEL PROTECTION
~~~	SURFACE DRAINAGE FLOW
$\Box$	STORM FLOOD ROUTING ARROW
Ĩ	FIRE HYDRANT
ୖ	WATER SIAMESE CONNECTION
a wy	
$\otimes$ $\checkmark$	WATER VALVE
$\otimes$	WATER VALVE BOX
MM MM	WATER METER
WIM	WATER METER PIT
	WATER LINE REDUCER
	WATER LINE CAP
(	WATER LINE PLUG
WAT X	WATER LINE PAINT MARKING
PN	POST INDICATOR VALVE
	WATER MANHOLE
	WATER FULISHING ASSEMBLY
WI-	WATER FIXTURE
Ъ	WATER FITTING (TEE)
÷	WATER FITTING (CROSS)
ζ¥,	WATER FITTING (45° WYE)
H	WATER FITTING (11.25°)
$\sim$	WATER FITTING (45°)
Ч	WATER FITTING (90°)
~\!/~ ©	IRRIGATION SPRINKLER HEAD
	IRRIGATION CONTROL BOX
IRR	IRRIGATION BOX
SM	STEAM MANHOLE
(V)	STEAM VENT
-)	GAS LIGHT POST (YARD)
G	GAS MANHOLE
⊗G [√]	GAS VALVE
	CAS VALVE DOX
GM	GASMETER
GR	GAS REGULATOR
$\odot$	GAS VENT PIPE
GAS	GAS LINE PAINT MARKING
GF	GAS LINE FIXTURE
=	ELEGTRIC LIGHT POST (YARD)
E	ELECTRIC MANHOLE
PB	ELECTRIC PULL BOX
CTL	ELECTRIC CONTROL BOX

- JCT ELECTRIC JUNCTION BOX
- VL T ELECTRIC VAULT BOX
- EM ELECTRIC METER
- ELECTRIC PEDESTAL EP

# **GENERAL SYMBOLOGY NOTES:**

- 1. THIS IS A STANDARD SHEET SHOWING COMMONLY USED SYMBOLOGY.
- 2. ALL SYMBOLS & LINE TYPES ARE NOT NECESSARILY USED ON THIS PROJECT.
- 3. SCREENING OR SHADING OF WORK IS USED TO INDICATE EXISTING COMPONENTS OR TO DE-EMPHASIZE NEW IMPROVEMENTS SO AS TO HIGHLIGHT SPECIFIC TRADE WORK. REFER TO CONTEXT OF EACH SHEET FOR USAGE.
- 4. SYMBOLOGY OR DIAGRAMMATICAL LEGENDS MAY BE SHOWN ON INDIVIDUAL SHEETS FOR SCHEDULES, DIAGRAMS, DETAILS, SCHEMATICS OR EQUIPMENT.

ELECTRIC RISER BOX
ELECTRIC TRANSFORMER
ELECTRIC HVAC UNIT
ELECTRIC GROUND LIGHT
ELECTRIC LINE PAINT MARKING
CABLE TV MANHOLE
CABLE TV PEDESTAL
CABLE TV PAINT MARKING
TELEPHONE MANHOLE
TELEPHONE PULL BOX
TELEPHONE PEDESTAL
TELEPHONE RISER BOX
TELEPHONE LINE PAINT MARKING
TELEPHONE PAY PHONE
FIBER OPTIC CABLE MANHOLE
FIBER OPTIC CABLE PAINT MARKING
TRAFFIC CONTROL MANHOLE
TRAFFIC CONTROL BOX
TRAFFIC CONTROL PAINT MARKING
TRAFFIC PULL BOX
TRAFFIC SIGNAL PEDESTAL
UNKNOWN, PULL BOX
UNKNOWN, CLEANOUT
UNKNOWN, MANHOLE
UNKNOWN, VALVE
MONITORING WELL
TEST WELL
WATER WELL
SOIL BORING
SWAMP
POLE, ELECTRIC
POLE, TELEPHONE
POLE, LIGHT

POLE, LIGHT, DECORATIVE

POLE, LIGHT-OVERHEAD

POLE, CABLE TV

POLE, UTILITY

#### POLE, GENERAL

POLE, TRAFFIC CONTROL

POLE, GUY

POLE, BRACE

POLE, ELECTRIC/TELEPHONE

POLE, ELECTRIC W/LIGHT

POLE, ELECTRIC/CABLE TV

POLE, ELECTRIC/TELEPHONE/LIGHT

POLE, ELECTRIC/TELEPHONE/CABLE TV

POLE, ELEC./TELE./LIGHT/CABLE TV

POLE, TELEPHONE/LIGHT

POLE, TELEPHONE/CABLE TV

POLE, TELEPHONE/LIGHT/CABLE TV

#### POLE, CABLE TV W/LIGHT

POLE, GUY WIRE

#### SIGN

SIGN, DOUBLE SIDED

SIGN, DUAL POST

SIGN, RAILROAD POST

BOLLARD

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#### DELINEATOR POST

PARKING BUMPER BLOCK

HANDICAP PARKING SYMBOL HANDICAP PARKING SYMBOL

HANDICAP DETECTABLE WARNING

MB MAILBOX

PB	PAPERBOX
-P>	PARKING METER
RIP	GRAVE HEADSTONE
BBQ	EX. BARBEQUE GRILL
FUEL	FUEL PUMP
F	FLAG POLE
B	RAISED PAVEMENT MARKER
0	GUARDRAIL, CENTER POST
$\odot$	GUARDRAIL, TERMINAL POST
0	GUARDRAIL, BOTTOM POST
0	GUARDRAIL, TOP POST
•	FENCE POST
	PICNIC TABLE
	BENCH
$\odot$	DECIDUOUS TREE
*	EVERGREEN TREE
$\overline{\mathcal{Q}}$	STUMP
-	BUSH
0	IRON PIN FOUND
0	SOLID IRON PIN FOUND
$\odot$	IRON PIPE FOUND
$\boxtimes$	DRILL HOLE FOUND
$\times$	CHISELED "X" FOUND
Μ	MONUMENT BOX FOUND
$\langle \bigcirc \rangle$	MONUMENT CONCRETE FOUND
RW	MONUMENT RIGHT-OF-WAY FOUND
Ø	PK NAIL FOUND
Ø	MAG NAIL FOUND
$\bigtriangleup$	SPIKE FOUND
	HUB FOUND
٢	AXLE FOUND
·	WOOD POST FOUND
CS	CORNER STONE FOUND
() AER	AERIAL TARGET FOUND
(GPS)	GPS CONTROL FOUND
$\bullet$	BENCHMARK FOUND

#### **ABBREVIATIONS:**

ABAN.

ADJ.

AGG.

ASB.

ASPH.

B/B

BFE

BTW.

BC

FTG.

BWE

BLDG.

BHD.

CATV

CIP

СВ

C/L

C/C

CLF

CON.

CONC.

CONN.

CJ

COP.

CMP

DEMO.

DEP.

DS

DMH

DIP

DUMP.

ECC.

EΡ

ELEC.

ENCL.

EX.

F/F

ABANDONED ADJUST AGGREGATE ASBESTOS PIPE ASPHALT BACK TO BACK BASEMENT FLOOR ELEVATION BETWEEN BOTTOM OF CURB ELEVATION BOTTOM OF FOOTING ELEVATION BOTTOM OF WALL ELEVATION BUILDING BULKHEAD CABLE TELEVISION CAST IRON PIPE CATCH BASIN CENTERLINE CENTER TO CENTER CHAIN LINK FENCE CHEM. STABL CHEMICAL STABILIZATION CONCENTRIC CONCRETE CONNECTION CONTROL JOINT COPPER PIPE CORRUGATED METAL PIPE DEMOLITION DEPRESSED DOWNSPOUT DROP MANHOLE DUCTILE IRON PIPE DUMPSTER ECCENTRIC EDGE OF PAVEMENT ELEVATION ELECTRIC ENCLOSURE EXISTING FACE TO FACE

FINISHED FLOOR ELEVA FIRE HYDRANT FOUNDATION FULL DEPTH RECLAMAT FUTURE GAS GALVANIZED PIPE GRADE BREAK ELEVATI GRAVEL **GROUND ELEVATION** GUTTER ELEVATION HANDICAP (E.G. ACCES HIGH-DENSITY POLYETI HIGH POINT ELEVATION HORIZONTAL INSTALL IRRIGATION JOINT JOINT FILLER JUNCTION KNOCKOUT LATERAL LOW POINT ELEVATION MAINTAIN MATERIAL MOUNTED MISCELLANEOUS NOT TO SCALE ORNAMENTAL OUT TO OUT OVERHEAD **OXYGEN LINE** PARKING PAVEMENT PEDESTAL PERFORATE PIPE INVERT ELEVATION

POLYVINYL CHLORIDE PIPE

#### **PROPOSED LINEWORK LEGEND:**

STOP BAR CROSSWALK TRANSVERSE LINE CENTER LINE RESURFACING LIMITS FACE OF CURB BACK OF CURB

ATION	FFE	PREFORMED JOINT FILLER	PJF
	FH	PROPOSED	PR.
	FNDN.	PULL BOX	PB
ΓΙΟΝ	FDR	RAILROAD	RR
	FUT.	REINFORCED	REINF.
	G	REINFORCED CONCRETE PIPE	RCP
	GP	REMOVE	RMV.
ON	GB	RETAINING WALL	RET.WALL
	GVL.	ROOF LEADER	RL
	GND.	SALVAGE	SALV.
	GUT.	SANITARY SEWER	SAN.
SIBLE)	HC	SERVICE	SERV.
HYLENE PIPE	HDPE	SLEEVE	SLV.
1	HP	STABILIZATION	STABL.
	HOR.	STEAM PIPE	STEA.
	INSTL.	STEEL PIPE	STL.
	IRR.	STORM SEWER	STM.
	JT	SUMP PUMP	SP
	JF	TELEPHONE	TEL.
	JCT.	TEMPORARY	TEMP.
	KO	THICKENED	THK.
	LAT.	TOP OF CURB ELEVATION	TC
	LP	TOP OF HEADWALL ELEVATION	THW
	MAINT.	TOP OF STRUCTURE ELEVATION	RIM
	MATL.	TOP OF WALL ELEVATION	TW
	MTD.	TRENCH DRAIN	TD
	MISC.	TYPICAL	TYP.
	N.T.S.	UNDERDRAIN	UD
	ORN.	UNDERGROUND	UG
	O/O	VERTICAL	VERT.
	OH	VITRIFIED CLAY PIPE	VCP
	0	WATER MAIN	W.
	PKG.	WINDOW ELEVATION	WIN.
	PVMT.	WIRE MESH	WM
	PED.	WOOD	WD.
	PERF.	YARD HYDRANT	YH
N	INV.		

**PROPOSED HATCH /** 

SHADE SYMBOLOGY:

ROADWAY PAVING LIMITS

FILL AREA WITH ODOT 643, YELLOW PAINT

6 2 10 C 5 0 u l t 10 U 0 ш |_ 0 OWE D STRI M Σ S ΟЩ Ø ЩÑО Ζ AG A L L L L L L Ш U Σ **| _**' Ш Ę PROJECT NO. 190074 DISCIPLINE GENERAL SHEET NAME SYMB-01

SHEET

03

OF 11

* AJJ

PVC

NO	TES:			
1.	ALL EXISTING LAWN AREAS DISTURBED SHALL BE RESTORED TO MATCH THE EXISTING CONDITIONS BY FILLING ANY DISTURBED AREAS WITH SCREENED, IMPORTED TOPSOIL TO BE FLUSH WITH THE EXISTING AND/OR PROPOSED CURB AND SIDEWALK. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS.	EXISTING R/W 4" (		
2.	LAWN AREAS BETWEEN NEW OR EXISTING SIDEWALK BEHIND NEW CURB SHALL BE QUANTIFIED AND INCLUDED WITHIN THE BID ITEM COST FOR THE NEW CURB. ALL OTHER LAWN AREA RESTORATION AND LAWN AREAS BEHIND NEW SIDEWALK SHALL BE INCLUDED IN THE BID ITEM COST FOR SEEDING AND	ODO	SIDEWALK T ITEM 608	
	MULCHING.	SEED		
3.	THE CONTRACTOR SHALL INSTALL EXPANSION JOINT FILLER BETWEEN EXISTING SIDEWALK TO REMAIN IN PLACE AND NEW SIDEWALK INSTALLED AS PART OF THE PROJECT (PER ODOT 608.03). EXPANSION	(SEE NOTES	1 & 2)	
	JOINT MATERIAL SHALL BE INSTALLED BETWEEN EXISTING RIGID DRIVEWAYS AND NEW SIDEWALK.	1		
4.	NEW CONCRETE WALK SHALL TIE-IN AND MATCH THE EXISTING ELEVATION OF EXISTING SIDEWALK, CURB RAMPS, DRIVEWAYS AND DRIVE APRONS, ETC. NEWLY INSTALLED WALK NOT PROPERLY	EXISTING -/ GROUND		
	MATCHING ELEVATIONS AS DEEMED BY THE ENGINEER OR OWNER SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. NO ADDITIONAL PAYMENT WILL BE MADE FOR TIME OR MATERIAL.	D EXCAV	ATION AND -/ SUBGRADE	4" MIN. ODO LIMEST
5.	SURFACE OF SUBBASE TO BE UNIFORM AND FREE OF ANY UNDULATIONS OR FOREIGN MATERIAL PRIOR TO INSTALLATION OF 4" CONCRETE SIDEWALK.		MPACTION	AGGREGATE I (SEE NO
			TYPICAL SID	EWALK REPLAC
6.	CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE TO PREVENT PONDING WITHIN RIGHT-OF-WAY OR PRIVATE PROPERTY.			
	SIDEWALK REPLA		<b>1LD</b>	ETAIL

NOT TO SCALE

H:\2019\190074\DWG\SHEETS\G 190074 - CONSTRUCTION DETAILS.DWG - CD-01 - 4/8/2019 4:00:47 PM - ERIC SCHUBERT





H:\2019\190074\DWG\SHEETS\G_190074 - CONSTRUCTION DETAILS.DWG - CD-02 - 4/8/2019 4:00:47 PM - ERIC SCHUBERT



H:\2019\190074\DWG_SURVEY\190074-SURVEY-CONTROL.DWG - SVC - 3/28/2019 10:58:37 AM - ERIC SCHUBERT

SCALE: 1" = 80

1) HORIZONTAL DATUM IS NAD83 (2011 ADJ.), VERTICAL DATUM NAVD88 (GEOID 12B)

Benchmark #1

W WOOD ST. (40')

Iron Pin (Set)

- 2) ALL COORDINATE VALUES ARE GRID VALUES

Benchmark #2 evation=853.08 24 B.

- 4) ALL CONTROL POINTS ARE 5/8" REBAR WITH RED CAPS INSCRIBED WITH "CT REFERENCE"
- 5) PARCEL LINES SHOWN HEREON ARE DERIVED FROM A GIS DATABASE AND DO NOT REPRESENT ACTUAL BOUNDARY LIMITS.

#### **CONTROL MAP**

STATE OF OHIO, COUNTY OF MAHONING, VILLAGE OF LOWELLVILLE





#### **BENCHMARKS**:

BM#1 ELEV.=852.15'

*BM*#2 ELEV.=853.08'

BM#3 STREET. ELEV.=858.90'

BM#4 BEING A CHISELED "X" ON THE NORTHERLY ARROW BOLT OF A HYDRANT, SAID HYDRANT LOCATED ON THE SOUTHERLY SIDE OF W WOOD STREET, BEING APPROXIMATELY 25 FEET SOUTHWESTERLY FROM THE INTERSECTION OF SAID W WOOD STREET AND YOUNGSTOWN-LOWELLVILLE ROAD, AND 4 FEET SOUTHERLY FROM POWER POLE #72B-27, LOCATED AT THE SOUTHWESTERLY CORNER OF SAID INTERSECTION. ELEV.=856.16'

CONTROL TABLE								
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION				
1	508073.19	2505958.49	850.84	SCIPIS				
2	507929.98	2506375.60	851.94	SCIPIS				
3	507862.61	2506606.73	851.85	SCIPIS				
4	507589.97	2507098.54	855.64	SCIPIS				
5	507492.52	2507409.28	852.88	SCIPIS				
6	507323.84	2507804.24	857.32	SCIPIS				

VICINITY MAP 1"=600'

BEING A CHISELED "X" ON A NORTHERLY BOLT OF A HYDRANT, SAID HYDRANT LOCATED ON THE NORTHERLY SIDE OF W WOOD STREET, BEING APPROXIMATELY 200 FEET EASTERLY FROM THE INTERSECTION OF SAID W WOOD STREET AND DICKSON STREET.

BEING A CHISELED "X" ON A NORTHERLY BOLT OF A HYDRANT, SAID HYDRANT LOCATED ON THE NORTHERLY SIDE OF W WOOD STREET, BEING APPROXIMATELY 52 FEET WESTERLY FROM THE INTERSECTION OF SAID W WOOD STREET AND NORTH AVENUE.

BEING A CHISELED "X" ON A NORTHERLY BOLT OF A HYDRANT, SAID HYDRANT LOCATED ON THE NORTHERLY SIDE OF W WOOD STREET, BEING APPROXIMATELY 25 FEET EASTERLY FROM THE INTERSECTION OF SAID W WOOD STREET AND ELIZABETH

		→ CHRISTOPHER: ★ : MICHAEL C	NUGELNIK H		
		your trusted advisor	consultants engineers architects	planners	
DATE					
REVISION					
T NO	6	z	S	Ø	×
BID SE	07/19/201:	AS SHOW	EM	EM	CMI
ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
VILLAGE OF LOWELLVILLE	WEST WOOD STREET			SURVEY CONTROL PLAN	
PROJECT NO. 190074 DISCIPLINE CIVII					
SHEET NAME					
SHEET OF 0F 11					



- EX. R/W	GAS	EX. R/W GAS	STMH T/CASTING=850.94' -	CAD	EX. RW, +==		<del>040</del> - <b>EX. RW</b>	BENCHMARK #2
	3 WES	T WOOD STR	EET 4	d	5			CURB INLET 6 T/CASTING=8
— UTIL-UG —	UTIL-UG	UTIL-UG	— UTIL-UG	· · · · · · · · · · · · · · · · · · ·	— UTIL-UG ———— —	UTIL-UG	UTIL-UG	UTIL-UG
- UTIL-OH	— UTIL-OH — Þ — EX. R/W —	^b EX. R/W		EX. RW MH T/CAS	UTIL TING=851.54'	-OH	UTIL-OH	UTII -OH EX. RW CURB INLET T/CASTING=851.20'



07



H:\2019\190074\DWG\SHEETS\C_190074 - SITE IMPROVEMENTS.DWG - SI-01 - 4/4/2019 2:15:42 PM - ERIC SCHUBERT





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E	EX. RW	EX. R/W	EX. RW GAS	EX. R/W	EX. RN	V GAS	——————————————————————————————————————
GAS	GAS	GAS GAS .		4		EX. WALK	
1//A T	STA. 11+15.60 6			5			. 12+50
WEST	WOOD STREET		T WAT	WAT 12	WAT	WAT	
UTIL-UG	UTIL-UG 6 STA. 11+42.0	$\frac{1}{1} \int_{0}^{2} \sqrt{6} STA. 11+55.39} = 5$	0 STA. 11+78.20 - 6 STA		- UTIL-UG 5 UTIL- STA. 12+14.06 -	0G 6 STA. 12+38.17	UTIL-UG
	— UTIL-OH ———— UTIL-OH ——	UTIL-OH		UTIL-OH UTIL	-OH	UTIL-OH	
EX. R/	GAS GAS		GAS GA EX. RW GA	S GAS EX. R/W	EX.RW	EX. WALK	— GAS
	GAS GAS	GAS	GAS GA	S GAS GAS	GAS	GAS	GAS
1	STA. 13+71.07 6	6 STA. 14+05.23	STA. 14+2	3.07 6	5	— WAT — И	12+00
WAT	WAT	watr watr 14	WAT	WAI			L STA.
<b>WES</b> 	-UG UTIL-UG	UTIL-UG UTIL- 6 STA. 14+09.42	UG	— — — UTIL-UG — — —	UTIL-UG	• UTIL-UG UTIL-0	
UTILOM		UTIL-OH UTIL-OH	UTIL-OH		- UTIL-OH-	5 UTIL-OH	≥ <i>UTIL-OH</i>
	EX. WALK GAS GAS EX. RW	GAS	GAS	— GAS GAS	5 GAS	GAS	GAS
R PLAN S PER PLAN AS PER PLAN PLAN IG CURB/ PER DETAIL	8 REPLACE EX. CONCR EX. MANHOLE CASTIN	ETE BOX-OUT AROUND NG, AS PER DETAIL					

			VILLAGE OF LOWELLVILLE	ISSUED FOR:	BID SET	ON	REVISION	АТЕ		
SHEET <b>10</b>		1	WEST WOOD STREET	ISSUE DATE:	07/19/2019					
	DISCI CI SHEET SI-	PROJE 90		SCALE:	AS SHOWN				your trusted advisor	HICHAEL
	PLINE /IL NAM	CT NO 07		DESIGNED BY:	EMS				consultants engineers architects	
OF <b>1</b> 1	<b>-</b> E	). <b>4</b>	SITE IMPROVEMENTS - 03	DRAWN BY:	EMS				planners	
				CHECKED BY:	CMK					

10'	0 '	10'
	SCALE: 1" = 10'	

