

RESOLUTION APPROVING THE DETAILED CONSTRUCTION PLANS FOR THE PELTON ROAD WATERLINE IMPROVEMENT PROJECT, AUSTINBURG TOWNSHIP, ACDES

WHEREAS, Doug Starkey, Director of the Ashtabula County Department of Environmental Services, has presented detailed construction plans prepared by David Rapp Services, and approved by Ashtabula County Sanitary Engineer, for the Pelton Road Waterline Improvement Project, Austinburg Township; and

WHEREAS, the project description is as follows:

This is a waterline project where the existing water main will be extended approximately 60 feet east on Clay St. to Pelton Rd. A new main will extend down Pelton Rd. approximately 2950 feet, stopping prior to the I90 bridge. This will be a directional bore on Clay St. to cross to the south side of Pelton Rd. The line will go down the west side of Pelton Rd. Approximately 3 hydrants will be installed on Pelton Rd. The new water main will be 8" AWWA C909, in Austinburg Township, Ashtabula County.

WHEREAS, Doug Starkey, Director of ACDES, is authorized after plan approval to submit signed drawings for PTI; Permit to Install; and

WHEREAS, Doug Starkey, Director of ACDES, recommends approval of these plans; now

THEREFORE, BE IT RESOLVED, by the Board of County Commissioners of the County of Ashtabula, Ohio, that:

Section 1. The detailed construction plans for the Pelton Rd. Waterline Improvement Project in Austinburg Township are hereby approved.

Section 2. Those detailed plans shall be filed in the office of the Ashtabula County Sanitary Engineer, in the Department of Environmental Services and kept continuously on file there for inspection by all persons interested therein.

Section 3. This Board finds and determines that all formal actions of this Board concerning and relating to the adoption of this resolution were taken in an open meeting of the Board and all deliberations of this Board and of any of its committees that resulted in those formal actions were in meetings open to the public.

**ASHTABULA COUNTY COMMISSIONERS
CERTIFICATION PAGE**

Resolution No. 2024-374

August 07, 2024

**RESOLUTION APPROVING DETAILED CONSTRUCTION PLANS FOR THE
PELTON ROAD WATERLINE IMPROVEMENT PROJECT, AUSTINBURG
TOWNSHIP, ACDES**

Upon the motion of J.P. Ducro IV, seconded by Casey R. Kozlowski.

VOTE:

**Kathryn L. Whittington
J.P. Ducro IV
Casey R. Kozlowski**

**Aye
Aye
Aye**

CERTIFICATE OF CLERK

IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of a resolution acted upon and duly passed by the Board of County Commissioners of Ashtabula County, Ohio, on the date noted above.



Lisa Hawkins, Clerk of the Board
Board of County Commissioners
Ashtabula County, Ohio

PELTON ROAD WATERLINE IMPROVEMENT PLANS AUSTINBURG TWP., ASHTABULA COUNTY, OHIO

JUNE, 2024

INDEX OF SHEETS

TITLE SHEET-OVERALL PLAN AND GENERAL NOTES..... 1
 PLAN AND PROFILE, DETAILS.....2-4
 WATERLINE NOTES AND DETAILS..... 5

APPROVALS

ASHTABULA COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES

APPROVED THIS 22 DAY OF JUNE, 2024

TIMOTHY JAMES TOULS STARKY

ASHTABULA COUNTY COMMISSIONERS

APPROVED THIS _____ DAY OF _____, 2024

KATHARIN L. WERTINGTON PRESIDENT

DAVID R. TOULSONS VICE PRESIDENT

J.P. TOULSONS COMMISSIONER

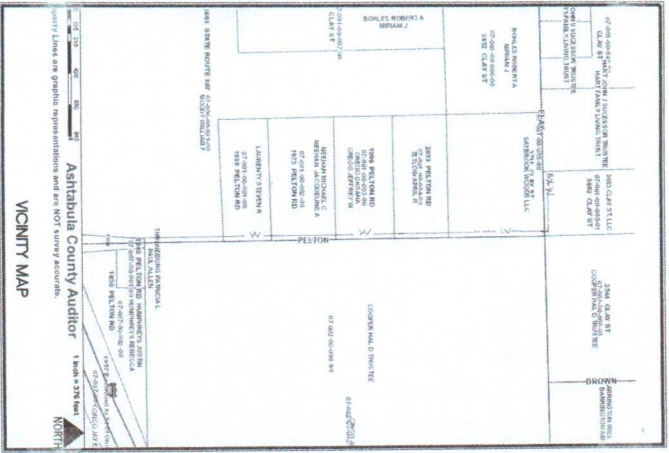
OHIO UTILITIES PROTECTION SERVICE
 2 WORKING DAYS
 BEFORE YOU DIG
 CALL TOLL FREE 800-362-2764



David A. Rapp 06/29/24
 State of Ohio No. 15562

DAVID RAPP SERVICES

Engineer - Surveyor - Inspector
 david@usedaq.com 440-983-1607



UTILITIES

THE LOCATION OF ALL UNDERGROUND UTILITY FACILITIES ARE SHOWN ON THE PLANS FROM DATA AVAILABLE AT THE TIME OF THE FIELD SURVEY IN ACCORDANCE WITH SECTION 1546.64 OF THE PUBLIC UTILITIES CODE. THE LOCATION OF THE EXISTING UTILITY OWNERS AND UTILITY PROTECTION SERVICE LISTED BELOW IN ACCORDANCE WITH SECTION 1546.64 OF THE P.U.C. AND AS OUTLINED IN PROJECT SPECIFICATIONS.

- THE UTILITY OWNERSHIPS ARE AS FOLLOWS:
- OHIO UTILITIES PROTECTION SERVICE
 108 WEST REXEN, ROOM 427
 YOUNGSTOWN, OHIO 44001
 PH: (800) 382-2766
 - DOMINION OHIO GAS COMPANY
 7001 CENTER ROAD
 COLUMBUS, OHIO 43004
 PH: 982-5100
 - THE WARNER CABLE
 ENGINEERS OFFICE
 MALE HEIGHTS, OHIO 44137
 PH: 216-663-4003
 - THE CLEVELAND ELECTRIC
 ILLUMINATING COMPANY
 2210 SOUTH RIDE ROAD WEST
 CLEVELAND, OHIO 44115
 PH: (440) 934-8267
 ATTN: - CARY WEIR
 - THE CITY OF ENCKVA
 44 NORTH FOREST ST.
 GENEVA, OHIO 44041
 PH: 1-440-466-4675
 - ASHTABULA COUNTY ENVIRONMENTAL DEPT.
 25 W. JEFFERSON ST.
 JEFFERSON, OHIO
 PH: 1-440-576-3722

NOTES

1. TEN FOOT MIN. HORIZONTAL SEPARATION (OUT TO OUT) MUST BE MAINTAINED BETWEEN THE WATERLINE AND SANITARY AND STORM SEWERS AT ALL CROSSINGS.
2. AN 18" VERTICAL SEPARATION (OUT TO OUT) MUST BE MAINTAINED BETWEEN THE WATERLINE AND SANITARY AND STORM SEWERS AT ALL CROSSINGS.
3. BOOSTER PUMPS ARE PROHIBITED ON SERVICE CONNECTIONS.
4. THE WATERLINE SHALL PROVIDE A MINIMUM OF 35 PSI PRESSURE AT THE CURB STOP DURING NORMAL OPERATIONS.
5. WATERLINES SHALL BE DISINFECTED ACCORDING TO AWMA C-651.
6. WATERLINES OF 36 PSI SHALL BE MAINTAINED TO THE CURB STOP DURING NORMAL OPERATING CONDITIONS.
7. A MINIMUM PRESSURE OF 20 PSI SHALL BE MAINTAINED AT GROUND LEVEL AT ALL POINTS IN THE DISTRIBUTION SYSTEM UNDER ALL CONDITIONS OF FLOW.

DAVID RAPP SERVICES

dave@drapp.com

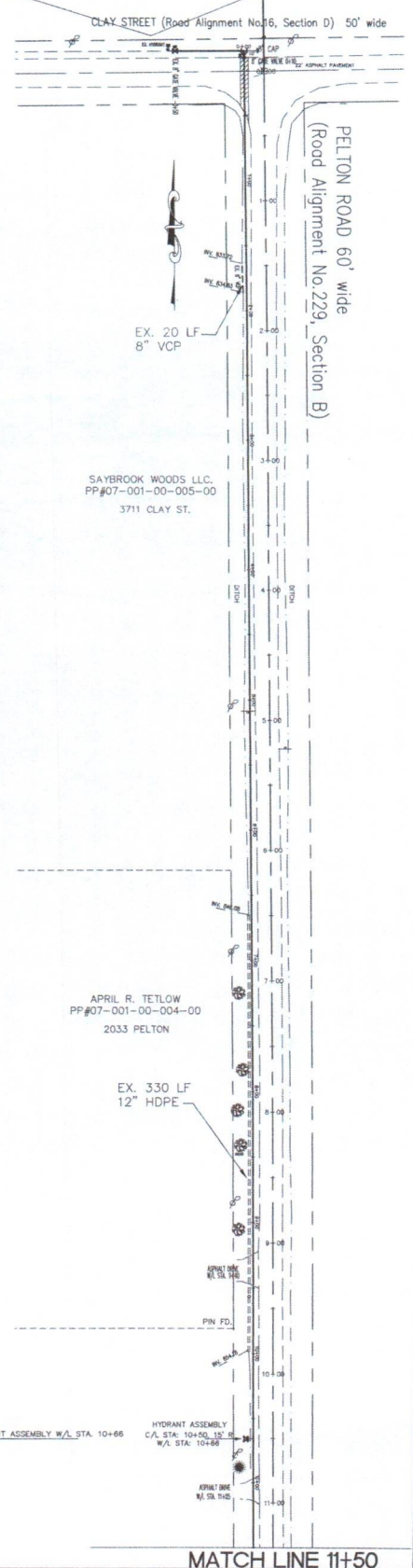
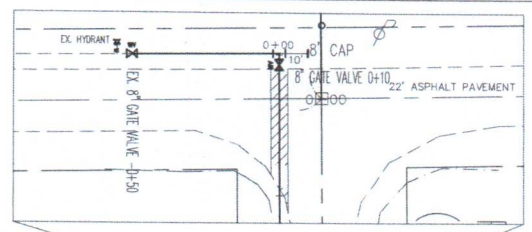
440-983-1607

DATE: **JUNE 2024**
 DRAWN BY: **DAR**
 CHECKED BY: **DAR**
 APPROVED BY: **DAR**
 PE No. **00071**

PELTON ROAD WATERLINE IMPROVEMENT PLANS
 AUSTINBURG TOWNSHIP - ASHTABULA COUNTY, OHIO

PLAN AND PROFILE

HORIZ SCALE: **1" = 40'**
 VERT SCALE: **1" = 4'**
 CONTRACT NO: **43505**
 SHEET NO: **2** OF **5**



MATCH LINE 11+50

MATCH LINE 11+50

OXSANA AND JEFFREY GREGG
PP#07-001-00-003-00
1999 PELTON

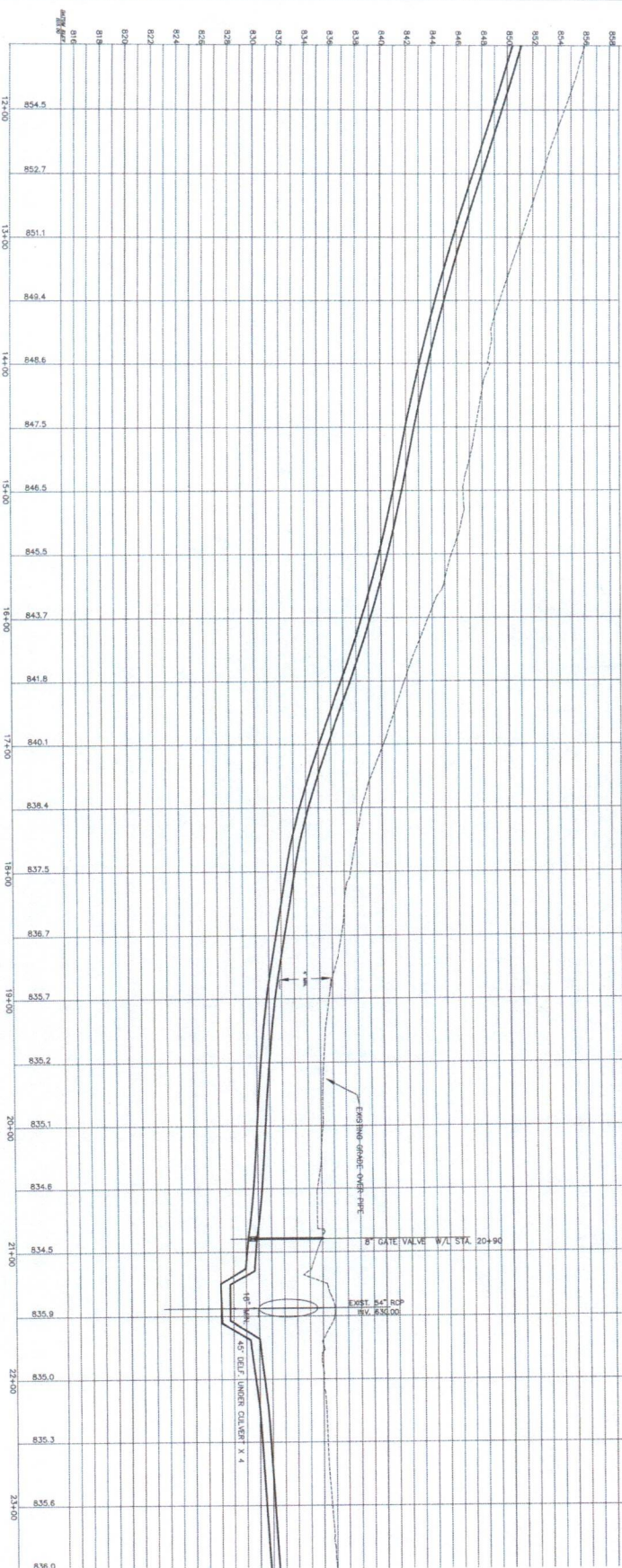
MICHAEL AND JACQUELINE MEEHAN
PP#07-001-00-002-00
1973 PELTON

STEVEN LAURENTY
PP#07-001-00-001-00
1939 PELTON

WILLIAM MOODY
PP#07-006-00-023-00
3661 SR. 307

PELTON ROAD WATERLINE

MATCH LINE 23+50



DAVID RAPP SERVICES
dave@dsesq.com 440-983-1607

DATE: MARCH 2024
DRAWN BY: DAR
CHECKED BY: DAR
APPROVED BY: DAR
PE No. 60081

PELTON ROAD WATERLINE IMPROVEMENT PLANS
AUSTINBURG TOWNSHIP - ASHTABULA COUNTY, OHIO

PLAN AND PROFILE

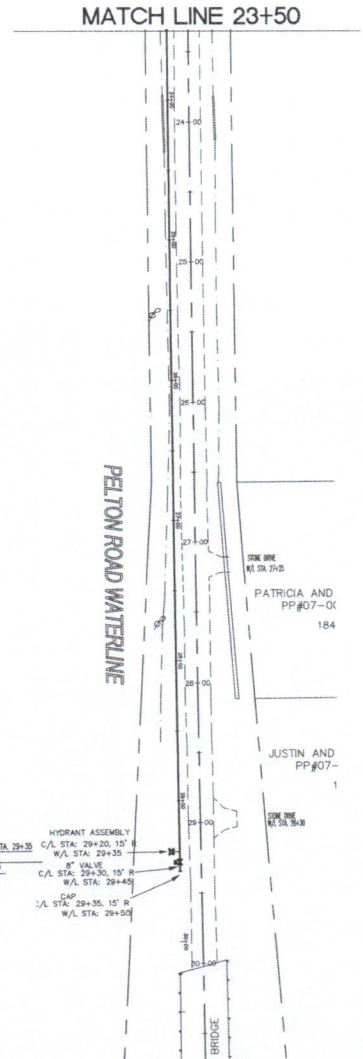
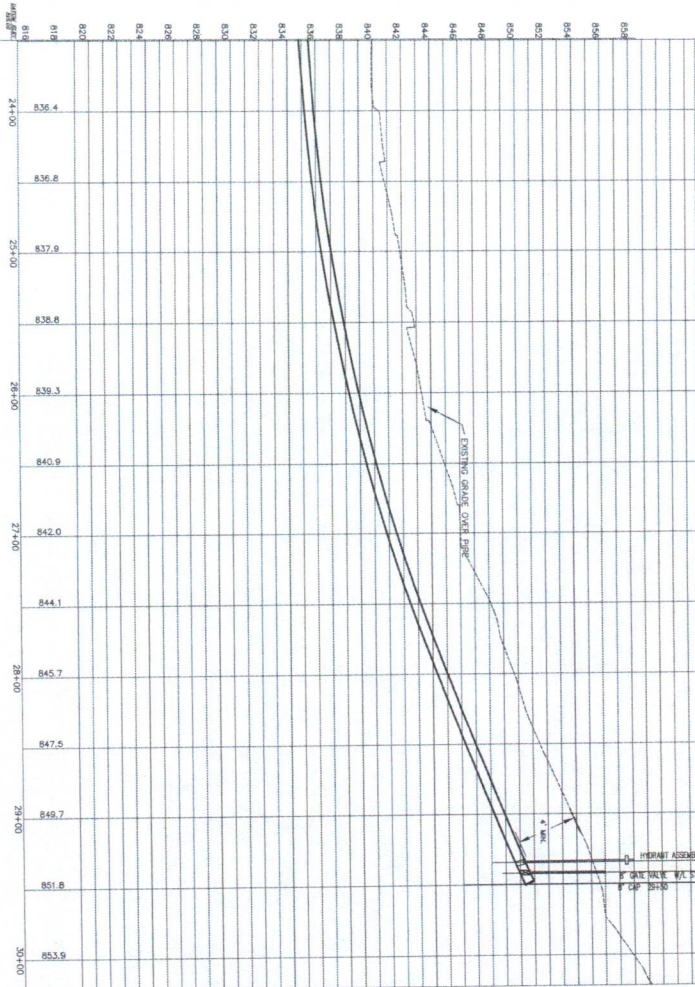
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 4'
CONTRACT NO. 43505
SHEET No. 3 OF 5

DATE: MARCH 2024
 DRAWN BY: DAB
 CHECKED BY: DAB
 APPROVED BY: DAB
 PLOT No. 6001

PELTON ROAD WATERLINE IMPROVEMENT PLANS
 AUSTINBURG TOWNSHIP - ASHTABULA COUNTY, OHIO

PLAN AND PROFILE

Horizontal Scale: 1" = 40'
 Vertical Scale: 1" = 4'
 CONTRACT NO. 43505
 SHEET No. 4 OF 5



MATCH LINE 23+50

PELTON ROAD WATERLINE

STAKE LINE
 W/L STA 24+00
 PATRICIA AND
 PP#07-01
 184
 JUSTIN AND
 PP#07-01
 1
 STAKE LINE
 W/L STA 30+00

HYDRANT ASSEMBLY
 C/A STA: 29+20, 15' R
 W/L STA: 29+35
 8" VALVE
 C/A STA: 29+30, 15' R
 W/L STA: 29+40
 CAP
 C/A STA: 29+35, 15' R
 W/L STA: 29+50

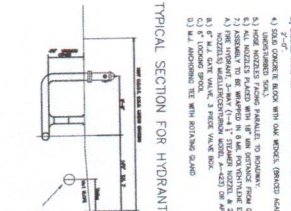
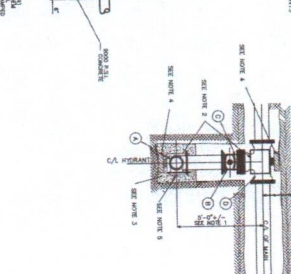
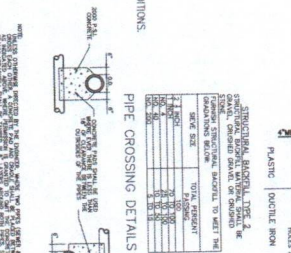
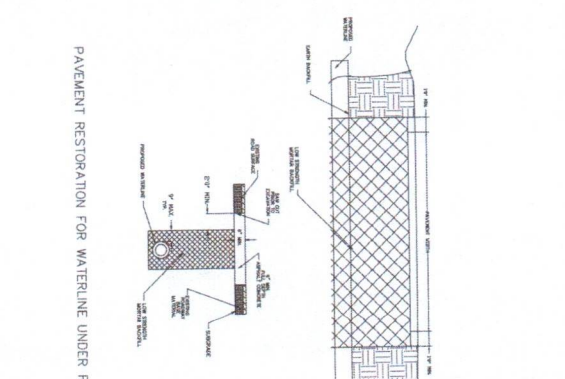
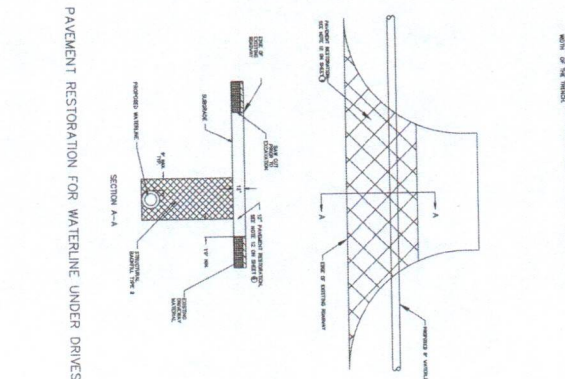
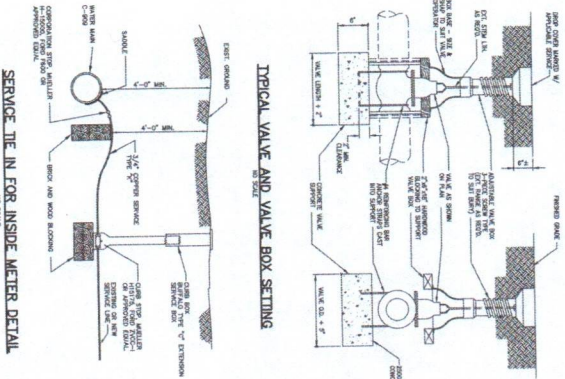
BRIDGE

WATERLINE NOTES

- 1) CONTRACTOR NOTIFY HARRISFIELD TOWNSHIP FIRE DEPARTMENT FOR THE FOLLOWING PHASES OF THE PROJECT WITH DATES AND TIMES: STAKING AND LAYOUT OF PROJECT; TRENCHING AND TYPING INTO EXISTING WATERMAIN AT JEFFERSON RD; INSTALLATION OF ALL FIRE HYDRANT ASSEMBLIES; PRESSURE TESTING OF SYSTEM.
- 2) MAINTAINING TRAFFIC, AS PER O.D.O.T. STANDARD CONSTRUCTION DRAWING: M-1-97.10 (1-18-13).
- 3) MEGA-LUG RETAINERS SHALL BE USED AT ALL FITTINGS INCLUDING BENDS, TEES, VALVES, HYDRANTS, ETC.
- 4) WATERLINE MATERIALS AND INSTALLATION PROCEDURES SHALL MEET OR EXCEED ALL APPLICABLE A.W.W.A. STANDARDS.
- 5) SOLID CONCRETE BLOCK TO BE USED UNDER ALL ANCHORING TEES, ANCHORING ELBOWS AND ANCHORING FLOORS.
- 6) WHEREVER WATER LINES CROSS COUNTY & TWP ROADS, THE BACKFILL REQUIRED WILL BE LOW STRENGTH MORTAR BACKFILL UNLESS OTHERWISE NOTED ON THE PLANS.
- 7) DRIVEWAY REPAIRS: WHEN THE INSTALLATION OF THE WATERLINE REQUIRES CUTTING THROUGH A DRIVEWAY, THE RESTORATION SHALL BE DONE BY FILLING THE TRENCH WITH STRUCTURAL BLOCK FILL TYPE 2 UP TO SUBGRADE, COMPACTED IN LAYERS NOT TO EXCEED 8 INCHES. FOR GRAVEL DRIVES THE FINAL 12" WILL BE 3/4" AGGREGATE LIMESTONE TROP DRESSED WITH #57 LIMESTONE. FOR ASPHALT OR CONCRETE DRIVES THE FINAL 12" SHALL BE 6" OF 3/4" AGGREGATE LIMESTONE TOPPED WITH 6" OF THE RESPECTIVE ASPHALT OR CONCRETE. DRIVE REPAIR SHALL BE FROM ROADWAY EDGE TO ONE FOOT PAST THE DISTURBED TRENCH.
- 8) THE FOLLOWING IS A LIST OF PERMITS ACQUIRED BY THE COUNTY FOR THIS PROJECT. THE CONTRACTOR SHALL ADOBE BY ANY AND ALL PERMIT REQUIREMENTS. COPIES OF THESE PERMITS ARE AVAILABLE UPON REQUEST AT THE ENGINEER'S OFFICE.
 - A) WATERLINE INSTALLATION, E.P.A.
 - 9) BOOSTER PUMPS ARE NOT PERMITTED ON SERVICE CONNECTIONS.
 - 10) THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHLORINATION AND PRESSURE TESTING OF WATERLINE.
 - 11) BACTERIA TESTING OF WATERLINE WILL BE PERFORMED BY ASHTABULA COUNTY AND IS NOT THE RESPONSIBILITY OF THE CONTRACTOR.
 - 12) THE CONTRACTOR SHALL HAVE A CURRENT SEWER / WATER BUILDER LICENSE ISSUED BY THE ASHTABULA COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES.
 - 13) WATER VALVES MUST MEET ASHTABULA COUNTY STANDARDS. GATE VALVES SHALL BE REQUIRMENT SEATED COMPROMING TO A W.W.A. C509, MECHANICAL JOINT AND MAN-FACTURED BY WILLETTER, KENNEDY OR APPROVED EQUAL.
 - 14) INSPECTION SERVICES SHALL BE PERFORMED BY THE ASHTABULA COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES. THE COST OF INSPECTION SHALL BE INCLUDED AS PART OF THIS CONSTRUCTION PROJECT AT A RATE OF \$60.00 PER 8-HOUR DAY. INSPECTION COST SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OVER-TIME, WEEKENDS AND HOLIDAYS SHALL BE AT A RATE OF 1.5 TIMES THE BASE PAY RATE.
 - 15) HYDRANT ASSEMBLIES, GATE VALVES AND MISC. FITTINGS MAY BE MOVED 1/2 OF A PIPE LENGTH FROM PLAN STATION TO FACILITATE INSTALLATION (ANY MORE THAN THIS WILL REQUIRE APPROVAL OF THE ENGINEER).
 - 16) ALL BOLTS, NUTS AND WASHERS SHALL BE STAINLESS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. (BOLTS WILL BE CARBON STEEL)
 - 17) THE CONTRACTOR SHALL INSTALL TRACED WIRE, 12 GAUGE INSULATED COPPER WIRE, TO ALL VALVES, FITTINGS AND HYDRANTS. THE WIRE SHALL BE INSTALLED UNDER OR UNINSULATED AREAS SHALL BE WRAPPED WITH ELECTRICAL TAPE. WIRE TO BE STUBBED UP AT EACH VALVE BOX.

ADDED

- 18) THE WATERLINE SHALL BE INSTALLED TO INSURE A 4" MINIMUM DEPTH OF COVER UNLESS OTHERWISE NOTED IN THESE PLANS.
- 19) THE DEGREE OF BEND AND THE NUMBER OF M.I. FITTINGS CALLED OUT IN THESE PLANS IS ONLY AN ESTIMATE AND SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 20) SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL WITHIN THE CONSTRUCTION LIMITS. QUANTITY CALCULATIONS FOR ITEM 659 SEEDING AND MULCHING ARE BASED ON AN ASSUMED AVERAGE WIDTH OF 8' TIMES THE LENGTH OF THE PROJECT.
- 21) ALL OFFSETS SHOWN ARE MEASURED FROM CENTERLINE. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THIS LINE AND MAINTAIN THE PROPER OFFSET AS SHOWN IN THESE PLANS.
- 22) THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS HAVE BEEN OBTAINED BY DUGOUT FIELD CHECKS AND SERVICES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, HOWEVER, ASHTABULA COUNTY DOES NOT GUARANTEE THEIR ACCURACY AND/OR COMPLETENESS.
- 23) THE WATERLINE SHALL PROVIDE A MINIMUM OF 35 PSF PRESSURE AT THE CURB STOP DURING NORMAL OPERATIONS.
- 24) WATERLINES SHALL BE INSTALLED AND PRESSURE TESTED ACCORDING TO A.W.W.A. C-605.
- 25) WATERLINES SHALL BE DESPECTED ACCORDING TO A.W.W.A. C-651.
- 26) A MINIMUM OF 35 PSF SHALL BE MAINTAINED TO THE CURB STOP DURING NORMAL OPERATING CONDITIONS.
- 27) A MINIMUM PRESSURE OF 20 PSF SHALL BE MAINTAINED AT GROUND LEVEL AT ALL POINTS IN THE DISTRIBUTION SYSTEM UNDER ALL CONDITIONS OF FLOW. ALL PRESSURE TESTING OF WATERLINE WILL BE PERFORMED BY THE CONTRACTOR WITH INSPECTION BY ASHTABULA COUNTY.



| ITEM NO. | DESCRIPTION | QUANTITY | UNIT | PRICE |
|----------|--------------------------|----------|------|---------|
| 1 | CONCRETE THRUST BLOCKING | 10 | EA | 150.00 |
| 2 | PIPE CROSSING | 5 | EA | 120.00 |
| 3 | TRENCHING AND BACKFILL | 100 | LF | 10.00 |
| 4 | PIPE | 100 | LF | 1.00 |
| 5 | VALVE | 1 | EA | 200.00 |
| 6 | HYDRANT | 1 | EA | 150.00 |
| 7 | CONCRETE | 10 | CY | 100.00 |
| 8 | COMPACTED FILL | 100 | CY | 5.00 |
| 9 | SEEDING AND MULCHING | 100 | SF | 1.00 |
| 10 | INSPECTION | 1 | DAY | 60.00 |
| 11 | PERMITS | 1 | SET | 100.00 |
| 12 | TESTING | 1 | TEST | 100.00 |
| 13 | REPAIRS | 1 | DAY | 60.00 |
| 14 | TRACED WIRE | 100 | LF | 1.00 |
| 15 | WARRANTY | 1 | YEAR | 100.00 |
| 16 | TOTAL | | | 1000.00 |

NOTES ADDED 08/21/21

DAVID RAPP SERVICES

440-983-1607

DATE: JUNE 2024
 DRAWN BY: DAR
 CHECKED BY: DAR
 APPROVED BY: DAR
 P.E. NO. 60091

PELTON ROAD WATERLINE IMPROVEMENT PLANS
 AUSTINTSBURG TOWNSHIP - ASHTABULA COUNTY, OHIO

WATERLINE DETAILS

Scale: 1" = 40'
 CONTRACT NO. 43505
 SHEET NO. 5 OF 5