

LOCATION MAP



STATE OF OHIO, DELAWARE COUNTY
 DELAWARE COUNTY ENGINEER

DAVENTRY PARK

DRAINAGE IMPROVEMENT PROJECT

DELAWARE COUNTY
 LIBERTY TOWNSHIP

INDEX OF SHEETS

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PROJECT DESCRIPTION

This project will include the installation of storm pipe and storm structures, the removal of existing trees and brush, and the taking of temporary and permanent easements.

This project/improvement is being done pursuant to Ohio Revised Code Sections 6131 and 6137.

2023 SPECIFICATIONS

The standard specifications of the State of Ohio, Department of Transportation, including changes and supplemental specifications listed in the proposal shall govern this improvement. English units shall govern.

UNDERGROUND UTILITIES

TWO WORKING DAYS
BEFORE YOU DIG

CALL 1-800-362-2764 (TOLL FREE)
 OHIO UTILITIES PROTECTION SERVICE
 NON-MEMBERS
 MUST BE CALLED DIRECTLY

PLAN JOINTLY PREPARED BY:
 DELAWARE SOIL AND WATER
 CONSERVATION DISTRICT
 557A SUNBURY RD
 DELAWARE, OHIO 43015
 PHONE: (740)368-1921 EXT.4 FAX: (740)369-8321

DELAWARE COUNTY ENGINEER'S OFFICE
 50 CHANNING STREET
 DELAWARE, OHIO 43015
 PHONE:(740) 833-2400 FAX: (740)833-2399

DAVENTRY PARK DRAINAGE IMPROVEMENT PROJECT	
DELAWARE COUNTY ENGINEER DELAWARE COUNTY, OH	
APPROVED <i>Chi. Bausem</i>	DATE <u>1/21/24</u> COUNTY ENGINEER
APPROVED _____	DATE _____ COUNTY COMMISSIONER
APPROVED _____	DATE _____ COUNTY COMMISSIONER
APPROVED _____	DATE _____ COUNTY COMMISSIONER

DESIGNED: BPB 10/24 CHECKED: _____
 DRAWN: BPB 10/24 REVIEWED: _____

CONSTRUCTION PROJECT NO. _____

RAILROAD INVOLVEMENT: NONE

DAVENTRY PARK

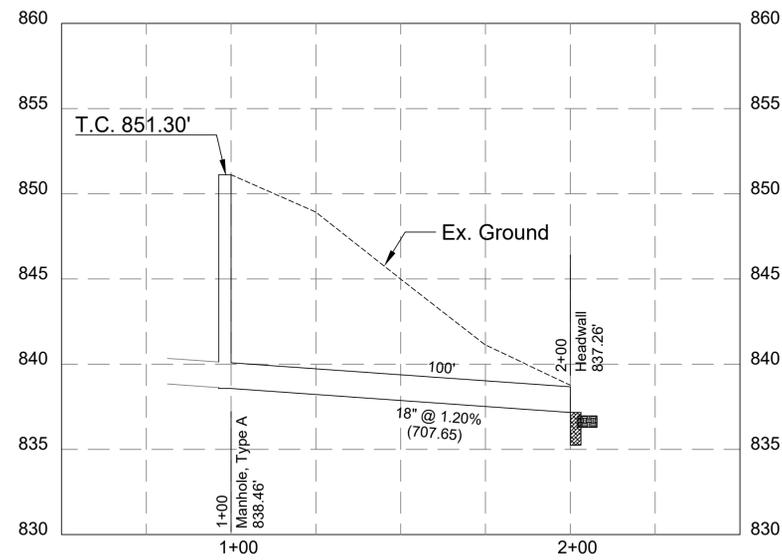
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DETAILS & NOTES

GENERAL CONSTRUCTION NOTES

- Activities and land use adjacent to this project may be affected by construction noise. In order to minimize any adverse construction noise impacts, do not operate power-operated construction-type devices between the hours of 7PM and 7AM. In addition, do not operate at any time any device in such a manner that the noise created substantially exceeds the noise customarily and necessarily attendant to the reasonable and efficient performance of such equipment.
- The contractor will be responsible for ensuring that all relevant OSHA regulations are met prior to beginning any construction activities.
- All ground disturbed by construction activity shall be returned to its pre-construction vegetative state and grade unless otherwise directed by the plans and/or the construction inspector.
- Unless otherwise noted on these plans or instructed by the construction inspector, debris from tree clearing activities is to be disposed of off-site by the contractor unless permission to place brush and logs outside of the established drainage easement is granted by the landowners. Payment for hauling and disposal shall be considered part of payment for each tree removal item. For the purposes of on-site disposal, a log will be defined as "a section of a tree bole (the main trunk of the tree) at least 8 feet long, not containing a fork, sufficiently straight and sound enough to yield at least an 8-foot board. Anything not considered a log by the above definition will be considered brush."
 - Seeding and Mulching will be done as per the specifications of ODOT #659 with the following stipulations/exceptions:
 - Seed mixture to be used will be Class-Type #1
 - Soil testing will not be required
 - Liming will not be required
 - Compost will not be required
 - The use of straw mulch will be acceptable for the entire project
 - Watering will not be required
 - Mulch anchoring will be required
- Linear alignments of surface and subsurface features may be modified to fit site specific conditions at the discretion of the construction inspector.
- All trees to be saved will be marked prior to the start of construction by the construction inspector. Markings will be done in the manner requested by the contractor. Unless specifically designated as "Save" or "Do not disturb" in the plans or by the construction inspector, remove all trees and stumps with the stated area. Trees marked to be saved shall be protected with a protective cover such as filter fabric or other suitable material. Replacement of any tree damaged or removed that was otherwise marked to be saved will be the responsibility of the contractor.

STORM PIPE REROUTE



New Drainage Easement to be Created				
Parcel ID	Owner	Address	Legal	Total Easement Area
31941103002000	Alinari Lapo & Lapalombella Rosa	1355 Daventry Ln	Lot 2448 Daventry Park Sec 1 Ph 2	0.021 Acres
31941204002000	Leeder Frederic G & Nancy L Trustees	1411 Brittingham Ln	Lot 2450 Daventry Park Sec 1 Ph 2	0.090 Acres

Drainage Maintenance Materials List			
STORM PIPE			
Item	Description	Quantity	Unit
ODOT 611	54" Concrete Pipe Type B	35	Lineal Feet
ODOT 611	54" Concrete Pipe Type C	80	Lineal Feet
ODOT 611	48" Concrete Pipe Type B	30	Lineal Feet
ODOT 611	48" Concrete Pipe Type C	60	Lineal Feet
ODOT 611	42" Concrete Pipe Type C	300	Lineal Feet
ODOT 611	36" Concrete Pipe Type C	585	Lineal Feet
ODOT 611	21" Concrete Pipe Type C	185	Lineal Feet
ODOT 611	18" Concrete Pipe Type C	390	Lineal Feet
ODOT 611	18" Polypropylene Smooth Lined Pipe	100	Lineal Feet
ODOT 611	15" Concrete Pipe Type B	110	Lineal Feet
ODOT 611	15" Concrete Pipe Type C	1,455	Lineal Feet
ODOT 611	12" Concrete Pipe Type B	35	Lineal Feet
ODOT 611	12" Concrete Pipe Type C	1,205	Lineal Feet
STRUCTURES			
Item	Description	Quantity	Unit
ODOT 611	Catch Basin, 2-4	1	Each
ODOT 611	Catch Basin, 2-2-A	1	Each
ODOT 611	Catch Basin, 2-2-B	16	Each
ODOT 611	Manhole Type A	6	Each
ODOT 611	Manhole Type B	6	Each
ODOT 611	Headwall	8	Each
OPEN CHANNEL/RAVINE			
Item	Description	Quantity	Unit
Special	Open Channel/Ravine	1,155	Lineal Feet

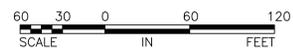
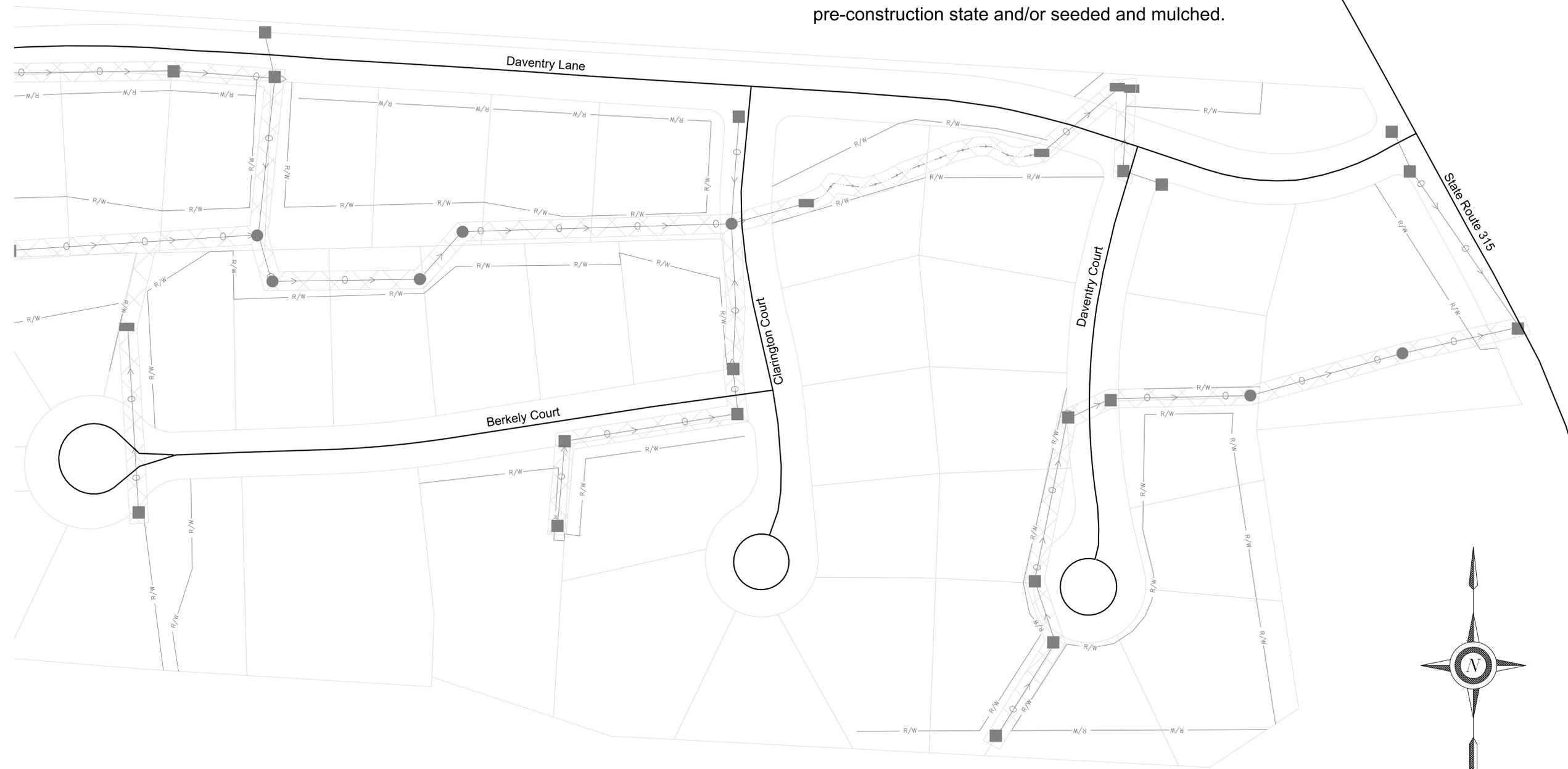
Estimated Quantities for Construction Improvement			
STORM PIPE REROUTE			
Item	Description	Quantity	Unit
ODOT 611	18" Pipe (707.65)	100	Lineal Feet
ODOT 611	Manhole Type B	1	Each
ODOT 611	Headwall	1	Each
TREE CLEARING			
Item	Size	Quantity	Unit
Special	<12" DBH	60	Each
Special	12-18" DBH	31	Each
Special	18-24" DBH	2	Each
Special	24-36" DBH	2	Each
Special	Brush Clearing	Lump	
ODOT 202	Fence Removal for Reuse	40	Lineal Feet

LEGEND

Existing Storm Pipe	
Existing Open Channel	
Proposed Storm Pipe	
Existing Drainage Easement	
Area to be included on Drainage Maintenance	
Existing CB	
Proposed CB	
Existing HW	
Proposed HW	
Existing MH	
Proposed MH	

Improvement Notes

1. All trees within 15 feet both sides of existing and proposed storm pipe are to be removed and material exported from the site.
2. All trees within the newly created access easement are to be removed and material exported from the site.
3. The contractor is encouraged to use ground-protective matting to minimize disturbance.
4. All disturbed areas are to be returned to their pre-construction state and/or seeded and mulched.



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3. The contractor is encouraged to use ground-protective matting to minimize disturbance.
4. All disturbed areas are to be returned to their pre-construction state and/or seeded and mulched.
5. Rerouted storm pipe to be installed according to the profile on P. 2 of 4.

