

# Cherry Lane Petition for Road Improvement

March 7, 2023, 11:00 AM

Logan County Commissioners

Joe Antram

Mark Robinson

Michael Yoder

Logan County Engineer

Scott Coleman, P.E., P.S.

Logan County Auditor

Jack Reser

Please sign in to record your attendance for our public records.

# Agenda

1. Roll Call: Commissioner Joe Antram  
Commissioner Mark Robinson  
Commissioner Michael Yoder
2. Opening comments
3. Presentation – Scott Coleman, County Engineer
4. Assessment payments & construction fund establishment – Jack Reser, County Auditor
5. Public discussion
  - Before sharing comments, please state your name and address.
  - Please limit your comments to 3 minutes per person.
6. Commissioners vote:
  - EITHER motion to affirm the former order finding for the improvement and proceed with the letting of the bids
  - OR motion to dismiss the petition with costs incurred to the landowners. Assessments will be levied according to the same ratio presented in the landowner assessment schedule.
7. Motion on assessments:
  - The Commissioners shall confirm the levying of the assessments and the assessment schedule submitted by the Engineer's Office
  - The Commissioners shall determine the period of time (in semiannual payments, as taxes are paid) that landowners will have to pay the assessments. After the hearing, the clerk shall transmit the assessment schedule to the Auditor.
8. Motion to set the bid date, time and place.
9. Adjournment

**OFFICE OF THE  
LOGAN COUNTY ENGINEER  
P.O. BOX 427  
1991 COUNTY ROAD 13  
BELLEFONTAINE, OH 43311  
www.lceo.us**

**SCOTT C. COLEMAN, P.E., P.S.  
LOGAN COUNTY ENGINEER**

**Telephone: (937) 592-2791  
Fax: (937) 599-2658**

Brian Miller  
11044 Cherry Lane  
Belle Center, OH 43310-9769

April 28, 2022

**Re: Inquiry on petition of Cherry Lane**

Dear Mr. Miller:

Thank you for contacting our office about the possibility of making improvements to Cherry Lane and the potential of said road improvements leading to the establishment of a public township road to be maintained by the Richland Township Trustees.

The process for this potential road improvement and establishment is two-fold and dictated by Ohio Revised Code (ORC) 5555, which deals with the improvement of a public road, and ORC 5553, which deals with the establishment of a road.

Currently, the Commissioners would not accept and establish Cherry Lane per ORC 5553 as the road does not meet the Logan County Engineer's Technical Design Standards. However, the road does meet the following requirements of ORC 5553.02: it "begins on a public road and terminates on a public road" and it "begins on a public road and services at least three private residences". Cherry Lane connects Oak Avenue and Barnes Drive which were established as public roads by the Logan County Commissioners (LCC) in 1970 and Cherry Lane currently services over three private residences per the Logan County Auditor's website.

In order to bring the road in compliance with the Logan County Engineer's Technical Design Standards, you and your fellow lot owners could either do so privately or by using the petition process. Doing so privately would involve, among other things, working together with your fellow lot owners to finance the project, hiring an engineering firm and surveying firm, and getting a contractor to perform the work in accordance to the Logan County Engineer's

Technical Design Standards. Using the petition process would provide an avenue to ensure all lot owners paid their share according to the number of lots they have abutting Cherry Lane and it would make the County Engineer responsible for performing the engineering, surveying and construction inspection services for the project. Here's a quick breakdown of the steps involved with the petition process for a road improvement:

(1) Submit the attached petition to the Logan County Commissioners (LCC) with signatures from "at least fifty-one per cent of the land or lot owners, residents of such county, who are to be specially taxed or assessed for said improvement" (ORC 5555.03). Attached is a schedule of landowners showing the percentage of total costs for which each lot owner would be responsible.

(2) Upon receiving your petition, the Commissioners "shall within thirty days after such petition is presented, go upon the line of the proposed improvement" (ORC 5555.03).

(3) It is our recommendation that after viewing the proposed improvement, the LCC shall give our office sufficient time to put together a preliminary estimate and proposed schedule of landowners before proceeding to "determine whether the public convenience and welfare require that such improvement be made" (ORC 5555.03). It is also our recommendation that the LCC send the preliminary estimate and proposed schedule of landowners to the respective lot owners for their review and comment, allowing them at least 30 days to comment on the proposed project before proceeding with any resolutions. Lastly, we would also recommend the LCC discuss the financing options with the County Auditor and County Prosecutor before proceeding with any resolution.

(4) If the Commissioners make a resolution to proceed with the road improvement, it shall "order the county engineer to prepare the necessary surveys, plans, profiles, cross sections, estimates of cost, and specifications for the improvement" (ORC 5555.06) and to prepare a landowner assessment schedule based on the final estimated cost of the project. The Board may also declare against such road improvement; below are the steps that would be followed if the LCC vote to proceed with the road improvement.

(5) "The county engineer shall prepare and file with the board of county commissioners, by the time fixed therefor by the board, copies of the surveys, plans, profiles, cross sections, estimates of costs, and specifications for the improvement and estimated assessments upon lands benefited thereby. Thereupon such board shall file such copies in its office for the inspection and

examination of all persons interested...[and] the board shall publish in a newspaper of general circulation in the county, for the period of two weeks or as provided in section 7.16 of the Revised Code, notice that a resolution has been adopted providing for said improvement, and that copies of the surveys, plans, profiles, cross sections, estimates, and specifications, together with estimated assessments upon the lands benefited by such improvement for the proportion of the cost thereof to be assessed therefor, are on file in the office of the board for the inspection of persons interested therein. Such notice shall state the time and place for hearing objections to said improvement and to such estimated assessments. In a case involving the improvement of a public road in which no land or property is taken or assessed, the board shall publish the notice required by this section once a week for two consecutive weeks” (ORC 5555.07).

(6) Once the road improvement is completed by the contractor, the Logan County Engineer will perform a final inspection to confirm that Cherry Lane meets the Logan County Engineer’s Technical Design Standards and then do two things: (1) present an updated landowner assessment schedule to the Commissioners that reflects actual project costs and (2) recommend the Commissioners issue a resolution that states the following: Cherry Lane has been improved by grading, draining, widening, straightening, and paving; Cherry Lane has passed a final inspection by the Logan County Engineer; and Cherry Lane should be established and accepted as a public road and be assigned to the Richland Township Trustees for maintenance per ORC 5553.

Please let our office know if you have any questions.

Respectfully,



Michael J. Kerns, P.E.

Assistant Engineer

Logan County Engineer’s Office

cc: Logan County Commissioners; Richland Township Trustees; File

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**SCOTT C. COLEMAN, P.E., P.S.  
LOGAN COUNTY ENGINEER**

**TELEPHONE: (937) 592-2791  
FAX: (937) 599-2658**

Honorable Board of  
Logan County Commissioners  
117 E. Columbus Ave, Ste. 100  
Bellefontaine, OH 43311

January 20, 2023

**Re: Submittal of Engineer's Report for Cherry Lane Petition for Road Improvement**

Honorable Commissioners:

As ordered by Resolution No. 177-22, submitted herewith are the plans, specifications, a cost estimate and an estimated landowner assessment schedule for the Cherry Lane petition for road improvement.

The total estimated cost is \$128,094. Here is a brief summary of the estimated costs:

<b>Estimated Construction Cost</b>	<b>\$ 118,094</b>
<b>Estimated Engineering and Surveying Cost</b>	<b>\$ 7,500</b>
<b>Estimated Inspection Cost</b>	<b>\$ 1,500</b>
<b>Estimated Administration Cost</b>	<b>\$1,000</b>
<b>Estimated Total Project Cost</b>	<b>\$ 128,094</b>

The proposed estimated landowner assessment schedule was based upon charging special assessments to lots that have drives that require drive pipes and/or structural concrete. After these special assessments were accounted for, the remaining estimated project costs were evenly distributed to every lot abutting Cherry Lane.

Per ORC 5555.07, this submittal shall be filed in your office for the inspection and examination of all persons interested and notice of said filing shall be published in a newspaper of general circulation. The notice shall state the time and place for hearing objections to the improvement and estimated assessments. It's also recommended that you notify the landowners with lots abutting Cherry Lane via mail as some landowners have requested such notification. With regards to the hearing, ORC 5555.07 states "At such hearing the board may order said

surveys, plans, profiles, cross sections, estimates, and specifications to be changed or modified and shall make such adjustments of the estimated assessments as seem just to it. Thereupon the board may approve such surveys, plans, profiles, cross sections, specifications, and estimates and approve and confirm estimated assessments as made by the engineer or as modified and changed by the board. Such assessments when so approved and confirmed shall be certified to the county auditor of the county and shall thereupon become a lien upon the land charged therewith. The board may declare against said improvement.”

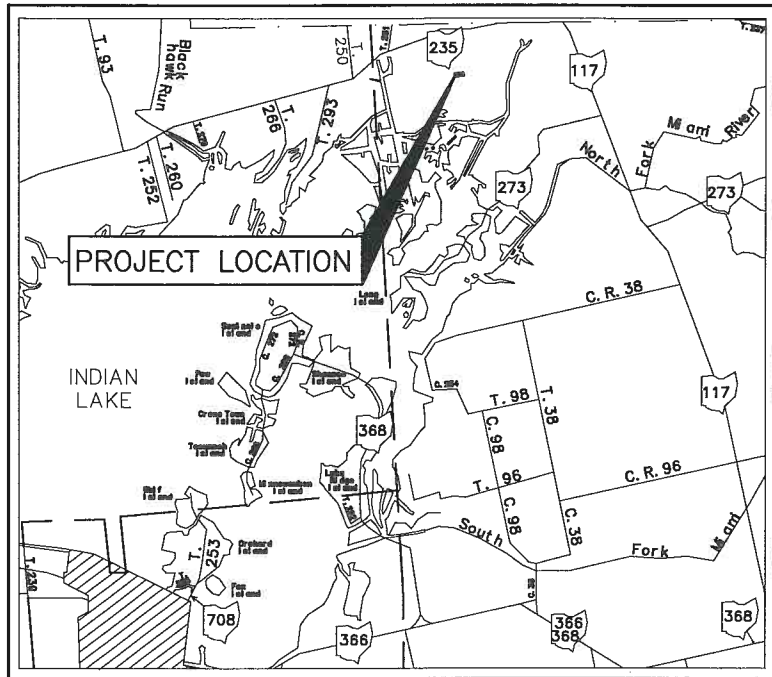
Please contact me if there are any questions on the material contained in this submittal or if I can be of any other assistance in the proceedings of this improvement.

Respectfully,

A handwritten signature in black ink that reads "Scott C. Coleman". The signature is written in a cursive, flowing style.

Scott C. Coleman, P.E., P.S.  
Logan County Engineer

cc: File, Richland Township Trustees, Logan County Auditor, Logan County Sewer District



LOCATION MAP

PORTION TO BE IMPROVED -----  
 STATE AND FEDERAL ROUTES -----  
 OTHER ROADS -----

DESIGN DESIGNATION

CURRENT A.D.T. (2022) ----- 77  
 DESIGN YEAR A.D.T. (2042) ----- 94  
 DIRECTIONAL DISTRIBUTION ----- 50%  
 TRUCKS (24 HOUR B&C) ----- 9  
 DESIGN SPEED ----- 35 MPH  
 LEGAL SPEED ----- 35 MPH  
 DESIGN FUNCTIONAL CLASSIFICATION ----- LOCAL

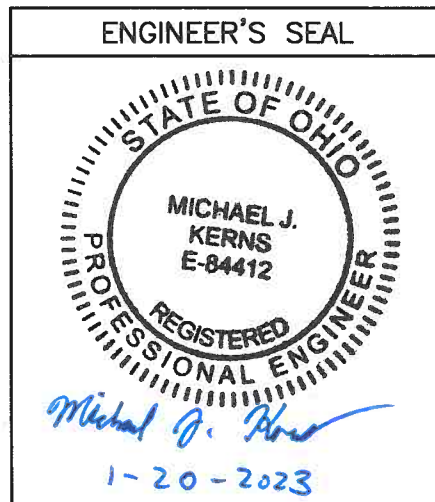
KEY

⊙ ROADWAY -----  
 ⊙ PROPOSED DITCH -----  
 EXISTING FEATURE -----  
 PROPOSED EDGE OF PAVEMENT -----  
 RIGHT-OF-WAY -----  
 PROPERTY LINE -----

REMOVE EXISTING FEATURE = X

EXISTING TREE OR SHRUB = ☼

EX. = EXISTING  
 PR. = PROPOSED



LOGAN COUNTY  
 ENGINEER'S OFFICE  
 SCOTT C. COLEMAN, P.E., P.S.  
 COUNTY ENGINEER  
 CHERRY LANE  
 ROAD IMPROVEMENT

RICHLAND TOWNSHIP  
 2023

INDEX OF SHEETS

TITLE SHEET ----- 1  
 SITE PLAN & PROFILE ----- 2  
 REFERENCE TABLE & GENERAL NOTES ----- 3  
 PAVEMENT NOTES ----- 4  
 TYPICAL SECTION ----- 5  
 CROSS-SECTIONS ----- 6-10

STANDARD CONSTRUCTION DRAWINGS	SUPPLEMENTAL SPECIFICATIONS
	O.D.O.T. CONSTRUCTION AND MATERIALS SPECIFICATIONS, DATED JANUARY 1, 2019
	THE LOGAN COUNTY TECHNICAL DESIGN STANDARDS

PROJECT DESCRIPTION

IMPROVE ALL OF CHERRY LANE BY GRADING, DRAINING, STRAIGHTENING, WIDENING AND PAVING SAID STREET WHICH IS LOCATED IN INDIAN LAKE SHORES ALLOTMENT NO. 1, V.M.S 13393, RICHLAND TOWNSHIP, LOGAN COUNTY, OHIO. SAID STREET BEING ALL OF CHERRY LANE AS SHOWN ON THE PLAT OF INDIAN LAKE SHORES ALLOTMENT NO. 1 (PLAT CABINET A, SLIDE 399).

LOGAN COUNTY ENGINEER APPROVAL

I HEREBY APPROVE OF THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING OF THE ROAD TO THROUGH TRAFFIC, AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THESE PLANS.

1-20-23  
 DATE

*Scott C. Coleman*  
 LOGAN COUNTY, OHIO, ENGINEER

FEDERAL PROJECT NO.  
 NON-FEDERAL

PID NO.  
 NONE

WORK ORDER NO.  
 11664

RAILROAD INVOLVEMENT  
 NONE

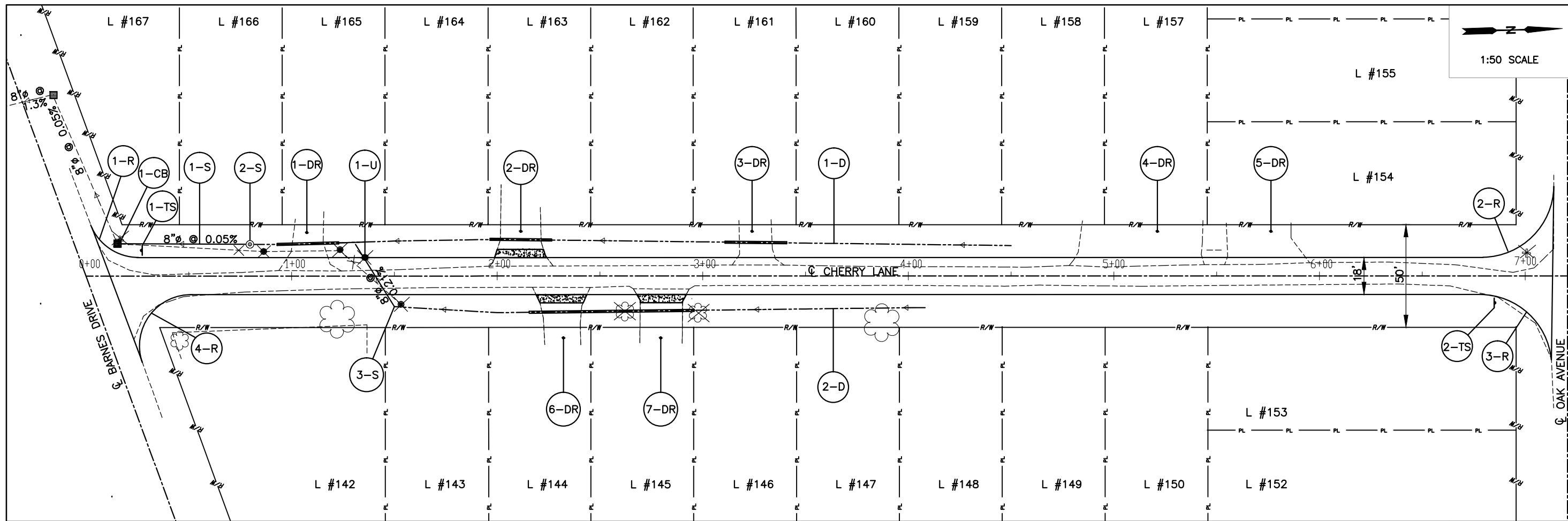
CHERRY LANE

1  
 10

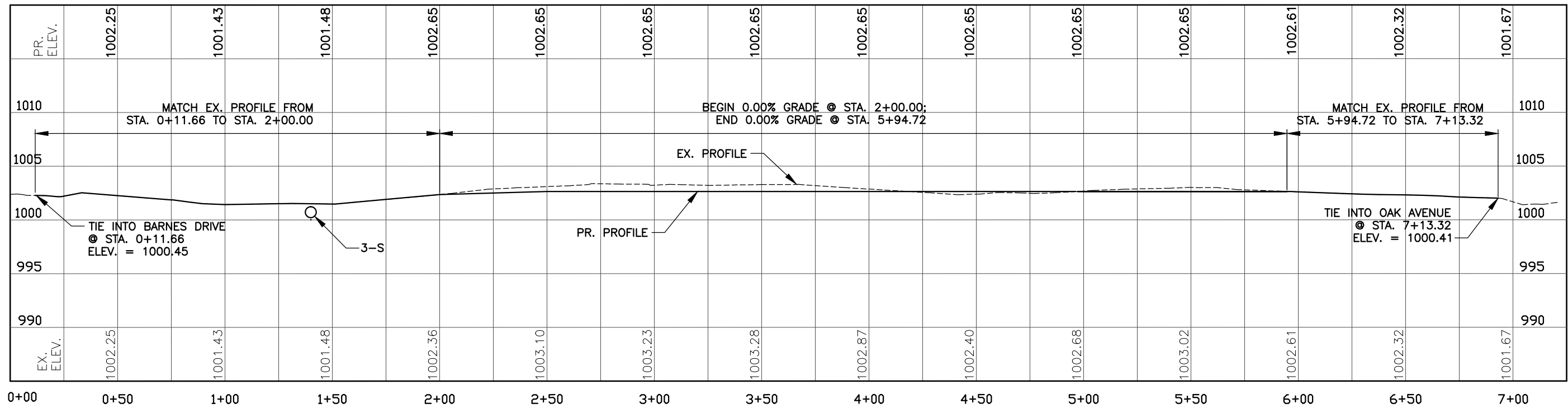


PLANS PREPARED BY:  
 LOGAN COUNTY ENGINEER'S OFFICE  
 1991 C.R. 13, P.O. BOX 427  
 BELLEFONTAINE, OHIO 43311





SITE PLAN



PROFILE

LOGAN COUNTY ENGINEER'S OFFICE  
 1991 C.R. 13, P.O. BOX 427  
 BELLEFONTAINE, OHIO 43311

DATE: 12/21/2022  
 REVIEWED: WTB  
 DRAWN: MJK  
 DESIGNED: MJK  
 CHECKED: SCC

WORK ORDER NUMBER: 11664

SITE PLAN & PROFILE

CHERRY LANE

2/10

**REFERENCE TABLE**

REF. NO.	SHEET NO.	DESCRIPTION	STATION (BEGIN, END)	BID ITEM	QUANTITY	UNIT
1-DR	2,6	EX. GRAVEL DRIVE	0+93.00, 1+23.00	611: 8" TYPE D	30	LF
2-DR	2,7	EX. ASPHALT DRIVE	1+96.50, 2+26.50	611: 8" TYPE D	30	LF
3-DR	2,8	EX. GRAVEL DRIVE	3+10.80, 3+40.80	611: 8" TYPE D	30	LF
4-DR	2	EX. GRAVEL DRIVE				
5-DR	2	EX. GRAVEL DRIVE				
6-DR	2,7	EX. ASPHALT DRIVE	2+15.58, 2+45.58	611: 8" TYPE D	30	LF
7-DR	2,7	EX. CONCRETE DRIVE	2+45.58, 2+95.58	611: 8" TYPE D	50	LF
1-R	2,6	PR. RADIUS = 25'	0+11.66, 0+24.75			
2-R	2,10	PR. RADIUS = 35'	6+79.57, 7+13.32			
3-R	2,10	PR. RADIUS = 35'	6+78.18, 7+13.32			
4-R	2,6	PR. RADIUS = 25'	0+11.66, 0+50.70			
1-TS	2	PR. R1-1 ('STOP') TRAFFIC SIGN INSTALLED PER OMUTCD			1	EA
2-TS	2	PR. R1-1 ('STOP') TRAFFIC SIGN INSTALLED PER OMUTCD			1	EA
1-U	2,6	EX. PRIVATE SEWAGE PIPE. RELOCATE EX. PIPE TO EDGE OF RIGHT-OF-WAY AND CAP TO IN-KIND CONDITION.				
1-S	2,6	PR. 8"Ø CULVERT WITH 0.05% GRADE INLET $\bar{\ell}$ : 998.70 OUTLET $\bar{\ell}$ : 998.67	0+15.19, 0+80	611: TYPE C	65	LF
2-S	2,6	PR. 8"Ø METAL GRATE AND TILE CONNECTION TO 8"Ø TILE. TOP OF GRATE FLUSH WITH GROUND ELEV.		611: METAL GRATE INLET	1	EA
3-S	2,6-7	PR. 8"Ø CULVERT WITH 32' RF SKEW & 0.21% GRADE INLET $\bar{\ell}$ : 1000.20 OUTLET $\bar{\ell}$ : 1000.12	1+50 (R), 1+30 (L)	611: TYPE A	36	LF
1-CB	2,6	EX. 2-2 CATCH BASIN TO REMAIN				
1-D	2,5-10	PR. DITCH WITH 0.04% GRADE & MAX 3:1 SLOPES	0+80, 4+50		370	LF
2-D	2,5-10	PR. DITCH WITH 0.04% GRADE & MAX 3:1 SLOPES	1+50, 4+08		258	LF

**GENERAL NOTES**

1. USE EXCAVATED MATERIAL FROM PROJECT SITE WHEN SAID MATERIAL CONFORMS TO PROJECT SPECIFICATIONS
2. HAUL AND DISPOSE OF ALL THE EXCAVATED MATERIAL AND DEBRIS FROM SITE THAT DOES NOT CONFORM TO GENERAL NOTE (1)
3. DRIVEWAYS ARE TO BE REPAIRED IN-KIND AND ALL DRIVEWAYS MUST ADHERE TO DRAWING B-15 OF THE LOGAN COUNTY TECHNICAL DESIGN STANDARDS
4. ITEM #304: QUANTITIES SHOWN ON BID SHEET INCLUDE THE AGGREGATE FOR GRAVEL DRIVEWAYS
5. ITEM #404: QUANTITIES SHOWN ON BID SHEET INCLUDES THE ASPHALT FOR DRIVEWAYS 2-DR AND 6-DR
6. ITEM #511: QUANTITIES SHOWN ON BID SHEET INCLUDES THE CONCRETE FOR DRIVEWAY 7-DR
7. EX. DRAINAGE TILES ARE BE HANDLED IN ACCORDANCE WITH ODOT CMS ITEM 202
8. TEMPORARY SEDIMENT AND EROSION CONTROL: INSTALL DROP INLET PROTECTION IN THE FORM OF A SILT SACK OR EQUIVALENT FILTER DEVICE ON 1-CB
9. ITEM #611, TYPE A, C, AND D: PIPE MATERIAL TO BE DUCTILE IRON
10. NOTIFICATION OF TRAFFIC RESTRICTIONS: THE CONTRACTOR SHALL NOTIFY THE COUNTY ENGINEER 21 DAYS BEFORE BEGINNING CONSTRUCTION AND SHALL PERSONALLY NOTIFY THE LANDOWNERS ABUTTING CHERRY LANE 14 DAYS BEFORE BEGINNING CONSTRUCTION. THE COUNTY ENGINEER'S OFFICE WILL NOTIFY THE PUBLIC ABOUT THE ROAD CLOSURE 14 DAYS PRIOR TO CLOSURE. LOCAL TRAFFIC WILL BE MAINTAINED WHEN POSSIBLE. THE LOGAN COUNTY ENGINEER'S OFFICE WILL PROVIDE PROPER 'ROAD CLOSED' SIGNAGE.

DESIGN AGENCY  
**LOGAN COUNTY ENGINEER'S OFFICE**  
 1991 C.R. 13, P.O. BOX 427  
 BELLEFONTAINE, OHIO 45311

DATE  
**12/21/2022**  
 REVIEWED  
**WTB**  
 WORK ORDER NUMBER  
**11664**

DRAWN  
**MJK**  
 DESIGNED  
**MJK**  
 CHECKED  
**SCC**  
 REVISION  
**.**

**REFERENCE TABLE & GENERAL NOTES**

**CHERRY LANE**

AGGREGATE

THE CONTRACTOR SHALL PROVIDE THE NAME AND LOCATION OF THE AGGREGATE PRODUCER PROVIDING THE AGGREGATE FOR THIS PROJECT. THE ENGINEER SHALL THEN INFORM THE LABORATORY, WHO WILL TEST THE AGGREGATE TO INSURE IT COMPLIES WITH ALL OF THE REQUIREMENTS OF THE O.D.O.T. SPECIFICATIONS. HOWEVER, IF THE AGGREGATE HAS BEEN PREVIOUSLY TESTED BY THE COUNTY, NO TESTING WILL BE REQUIRED. THE PERCENTAGE OF CRUSHED AGGREGATE SHALL BE DETERMINED BY COUNTING THE NUMBER OF SINGLE FRACTURED FACES. THE COUNTY MAY PERFORM DURABILITY TESTING OF THE AGGREGATE STOCKPILE.

JOB MIX FORMULA

THE JOB MIX FORMULA SHALL BE DESIGNED FOR LOW VOLUME TRAFFIC. WARM MIX ASPHALT IS REQUIRED FOR THIS PROJECT. THE CONTRACTOR SHALL PROVIDE THE JOB MIX FORMULA TO THE ENGINEER AT THE TIME OF BIDDING. THE ENGINEER SHALL FORWARD THE JMF TO THE LABORATORY FOR VERIFICATION.

JOB MIX

JOB MIX FORMULA SHALL BE 20% PERCENT R.A.P. (RECLAIMED ASPHALT PAVEMENT) MAXIMUM FOR SURFACE MATERIAL. JOB MIX FORMULA MUST INCLUDE MAXIMUM PERCENT OF R.A.P. PROPOSED AND MINIMUM PERCENT VIRGIN ASPHALT BINDER PROPOSED FOR ALL MIXES BEING BID.

ASPHALT BINDER

SHALL BE BINDER GRADE PG58-28.

ITEM 402LVT (AS PER PLAN)

IS A COARSE VERSION OF THE OHIO DOT 404LVT. THIS AS PER PLAN MIX DESIGN WILL BE USED FOR LEVELING AND INTERMEDIATE MAT PLACEMENT. ODOT SPECIFICATION ITEM 404LVT SHALL BE FOLLOWED WHEN DEVELOPING JMF WITH EXCEPTION OF MIXTURE PROPORTIONS OUTLINED BELOW. COMPLETE MIX DESIGN DOCUMENTATION SHALL BE PROVIDED ALONG WITH THE JMF AT THE TIME OF BIDDING FOR APPROVAL BY THE COUNTY ENGINEER.

402LVT (AS PER PLAN) - MIXTURE PROPORTIONS  
50-BLOW MARSHALL

SIEVE	TOTAL PERCENT PASSING
1 1/2	100
1	95 TO 100
3/4	90 TO 100
1/2	75 TO 90
#4	50 TO 65
#8	35 TO 50
#16	25 TO 40
#30	15 TO 30
#50	8 TO 16
#100	2 TO 10
TOTAL BINDER	5.5 TO 6.5 INDICATE GRAVEL OR LESTONE COARSE AGGREGATE
VIRGIN BINDER	5.3 (MINIMUM)
BINDER GRADE	PG 58-28
AIR VOIDS	3.5%

ITEM 404LVT, EXTRA MATERIAL

QUANTITIES OF ASPHALT CONCRETE HAVE BEEN PROVIDED TO CORRECT SURFACE IRREGULARITIES AND TO PROVIDE FOR TWO FEET WIDE TAPERS AT DRIVEWAYS AND MAILBOXES. ADDITIONAL QUANTITIES HAVE ALSO BEEN PROVIDED TO RESURFACE INTERSECTIONS TO THE RIGHT OF WAY LINE. THESE QUANTITIES ARE ESTIMATED AND SHALL BE USED AT THE DIRECTION OF THE ENGINEER OR THE ENGINEER'S DESIGNEE. ALL EXTRA MATERIAL SHALL BE OF THE SAME TYPE AS USED FOR THE FINISH COURSE.

ASPHALT BINDER PRICE ADJUSTMENT

2019 O.D.O.T. CMS, SHALL NOT APPLY TO THIS PROJECT

TESTING

THE ENGINEER'S REPRESENTATIVE MAY COLLECT A SAMPLE OF THE MATERIAL BEING DELIVERED TO THE PROJECT. EACH SAMPLE SHALL BE MARKED WITH THE DATE, TIME THE SAMPLE WAS TAKEN, AND THE DELIVERY TICKET NUMBER. THE SAMPLES WILL BE ANALYZED BY THE LABORATORY FOR ASPHALT CONTENT, GRADATION AND AGGREGATE PROPERTIES.

QUALITY CONTROL

NOTIFY THE ENGINEER A MINIMUM OF 48 HOURS, EXCLUDING WEEKENDS AND LEGAL HOLIDAYS, PRIOR TO STARTING ASPHALT CONCRETE PRODUCTION. THE FAILURE TO PROVIDE THE REQUIRED MINIMUM NOTICE MAY RESULT IN THE ENGINEER BEING UNABLE TO OBSERVE THE TESTING AS MAY BE REQUIRED BY THIS SPECIFICATION. PRODUCTION AND/OR PLACEMENT OF ASPHALT SHALL NOT TAKE PLACE WITHOUT TESTING EQUIPMENT BEING IN PROPER WORKING ORDER.

THE MINIMUM ASPHALT BINDER CONTENT AS SPECIFIED HEREIN BY THE APPROVED JMF FOR EACH TYPE OF ASPHALT MATERIAL PER DAY OF PRODUCTION AND PLACEMENT SHALL BE TESTED IN ACCORDANCE WITH AASHTO T-287 AND ASTM D 4125. ASPHALT CONTENT OF EACH ASPHALT MATERIAL TYPE SHALL BE TESTED A MINIMUM OF ONE (1) TIME PER 500 TONS OF PRODUCTION DURING EACH DAY. THE ENGINEER OR HIS DESIGNATED REPRESENTATIVE SHALL DETERMINE WHEN, DURING THE DAY'S PRODUCTION, EACH OF THE REQUIRED TESTS SHALL BE MADE; HOWEVER, THE CONTRACTOR MAY CONDUCT ADDITIONAL TESTS BEYOND THOSE ORDERED BY THE ENGINEER TO ENSURE PROPER QUALITY CONTROL.

DOCUMENT EACH ASPHALT CONTENT TEST IN A MANNER ACCEPTABLE TO THE ENGINEER'S REPRESENTATIVE. AT A MINIMUM INCLUDE IN EACH TEST REPORT THE INFORMATION SPECIFIED IN AASHTO T-287. PROVIDE THE WRITTEN TEST REPORTS TO THE ENGINEER AS SOON AS PRACTICABLE UPON COMPLETION OF EACH TEST.

WHEN DIRECTED BY THE ENGINEER, PROVIDE SAMPLES OF MATERIAL PER 403.06. SAMPLES OBTAINED PER 403.06 WILL BE USED, AT THE ENGINEER'S DISCRETION, TO DETERMINE AGGREGATE GRADATION.

THE ENGINEER MAY ORDER ADDITIONAL TESTS BASED ON THE SCOPE OF THE PROJECT, SCHEDULE OF ASPHALT CONCRETE PLACEMENT, OR IF WORKMANSHIP PROBLEMS BECOME EVIDENT. NOTHING IN THIS SPECIFICATION, IF AND WHEN DEEMED NECESSARY, SHALL PRECLUDE THE ENGINEER FROM OBTAINING AND TESTING SAMPLES BY ANY OTHER GENERALLY ACCEPTABLE METHOD, IN ACCORDANCE WITH ESTABLISHED STANDARDS AND PRACTICES.

PAYMENT AND ACCEPTANCE

PAYMENT FOR ASPHALT CONCRETE PAVING ITEMS REPRESENTING EACH DAY'S PRODUCTION WILL BE AS ACCEPTED AND AUTHORIZED BY THE ENGINEER ON THE BASIS OF WEIGHT SLIPS AND THE FOLLOWING PAY SCHEDULE. WEIGHT SLIPS SHALL INDICATE GROSS, TARE, AND NET WEIGHTS, NOT BATCH WEIGHTS.

ACCEPTANCE AND PAYMENT FOR EACH TYPE OF MATERIAL WILL BE BASED ON THE MEASURED TOTAL ASPHALT BINDER CONTENT AS COMPARED WITH THAT SPECIFIED, AND VERIFIED THROUGH LABORATORY TEST RESULTS AND THE DATA LOGS. ALL PRODUCTION DATA LOGS SHALL BE CORRELATED TO THE LOADING TIME BY THE PRODUCTION PLANT. QUALITY CONTROL REPORTS SHALL BE SUBMITTED USING OHIO DOT CONTRACTOR FORM TE-199. RESULTING PAY ADJUSTMENT(S) WILL BE MADE IN ACCORDANCE WITH THE FOLLOWING PAY SCHEDULE:

PAY FACTOR	DEVIATION BELOW REQUIRED TOTAL ASPHALT BINDER CONTENT	MINIMUM SPECIFIED
1.00	0.00 TO 0.10	
0.99	0.11 TO 0.20	
0.98	0.21 TO 0.30	
0.95	0.31 TO 0.40	
0.70	0.41 TO 0.50	
REMOVAL	MORE THAN 0.50	

THE PAY FACTOR WILL BE APPLIED TO THE UNIT PRICE FOR THE RESPECTIVE ITEM IN THE CONTRACT WHEN CALCULATING PAYMENT PROGRESS ESTIMATES.

DESIGN AGENCY  
LOGAN COUNTY ENGINEER'S OFFICE  
1991 C.R. 13, P.O. BOX 427  
BELLEFONTAINE, OHIO 43311

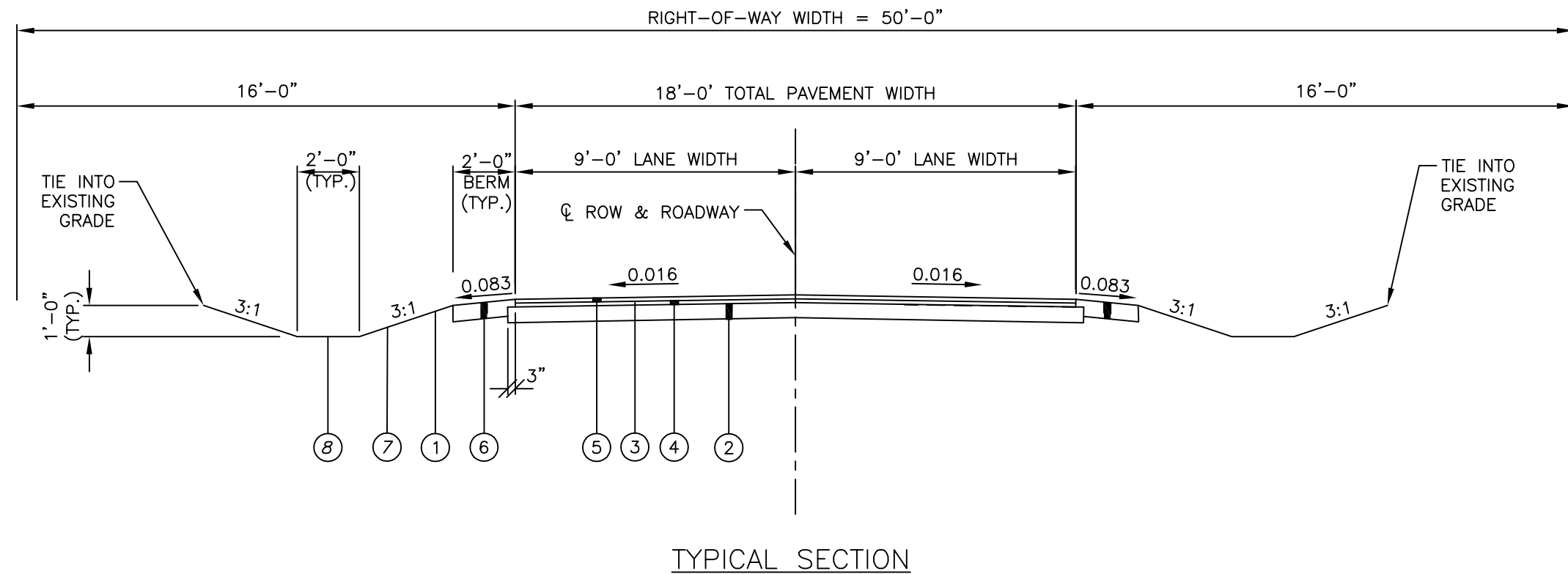
DATE  
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DRAWN  
MJK  
REVISION  
DESIGNED  
MJK  
CHECKED  
SOC

PAVEMENT NOTES

CHERRY LANE

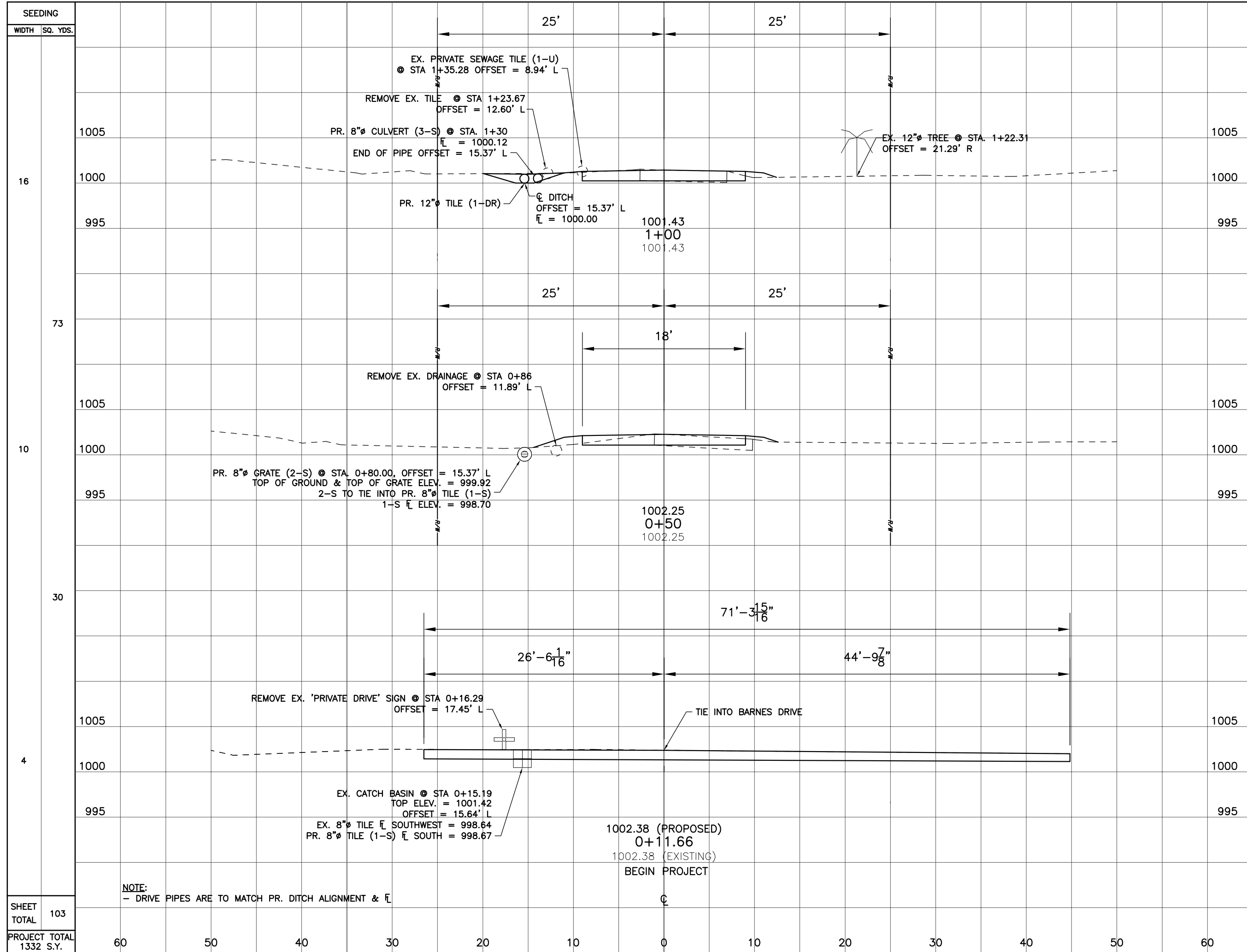
4  
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LEGEND

- ① ITEM 203 EXCAVATION & EMBANKMENT, AS PER CROSS SECTIONS
- ② ITEM 304 9" AGGREGATE BASE
- ③ ITEM 407 TACK COAT, 0.075 GAL./SQ. YD.
- ④ 402 LVT 2" INTERMEDIATE COURSE, PG58-28
- ⑤ 404 LVT 1½" SURFACE COURSE, PG58-28
- ⑥ ITEM 617 BERM, TYPE A, 6" MIN.
- ⑦ ITEM 659 TOPSOIL FURNISHED AND PLACED (6" DEPTH)
- ⑧ ITEM 659 SEEDING AND MULCHING, CLASS 1

CHERRY LANE	TYPICAL SECTION	DESIGNED MJK CHECKED SCC	DRAWN MJK REVISED .
		REVIEWED WTB	DATE 12/21/2022
		WORK ORDER NUMBER 11664	DESIGN AGENCY LOGAN COUNTY ENGINEER'S OFFICE 1991 C.R. 13, P.O. BOX 427 BELLEFONTAINE, OHIO 43311



END AREA	VOLUME	DESIGNED	CHECKED
17.4	1.9		
22.1	5.0		
6.5	3.5		
6.8	4.6		
3	3		
<b>SHEET TOTAL</b>	<b>28.9 9.6</b>		
<b>PROJECT TOTALS (C.Y.)</b>	<b>394 104</b>		

CROSS SECTIONS  
STA. 0+11.66 TO 1+00

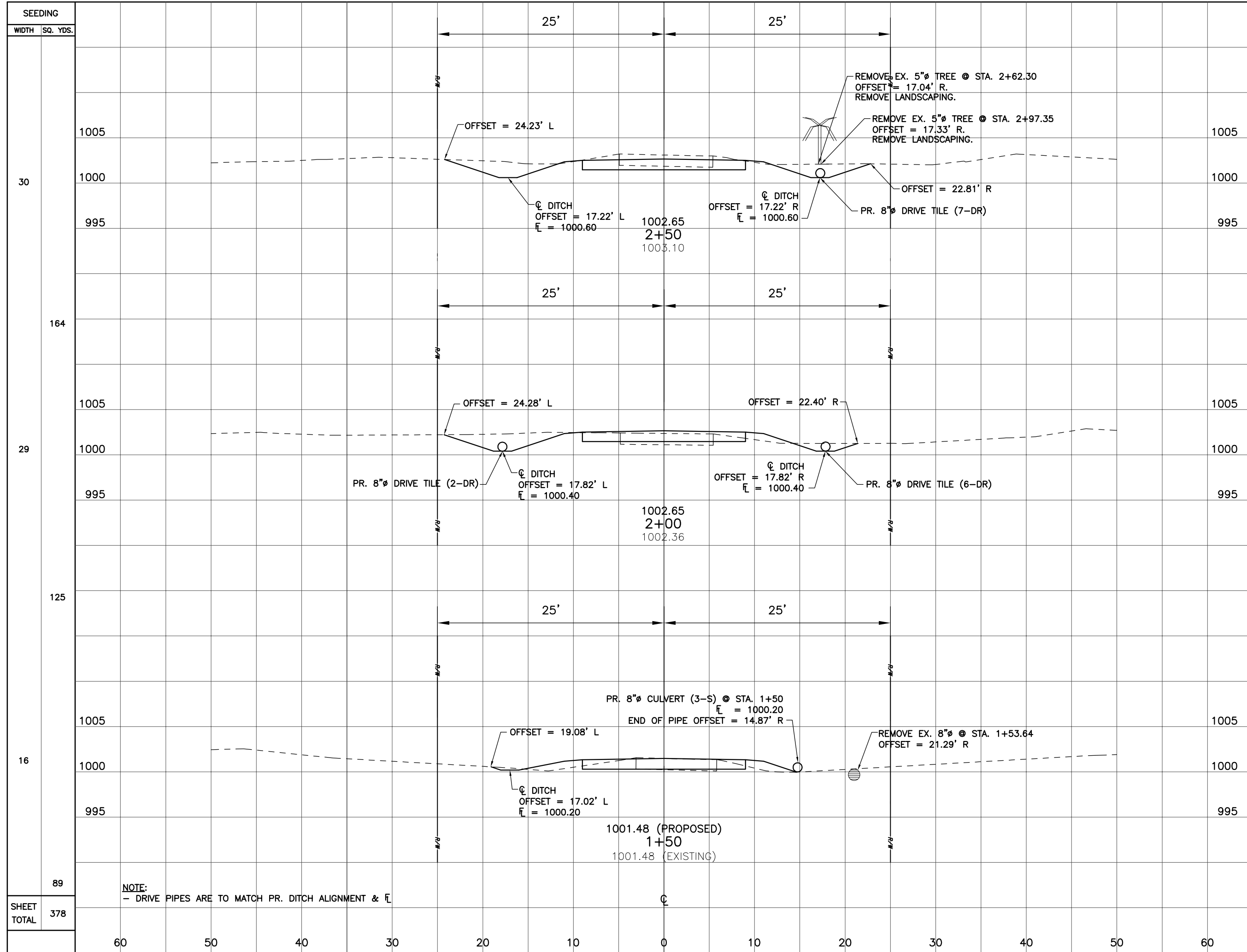
CHERRY LANE

6  
10

SHEET TOTAL	103
PROJECT TOTAL	1332 S.Y.

**NOTE:**  
- DRIVE PIPES ARE TO MATCH PR. DITCH ALIGNMENT &  $\bar{\ell}$

1002.38 (PROPOSED)  
0+11.66  
1002.38 (EXISTING)  
BEGIN PROJECT

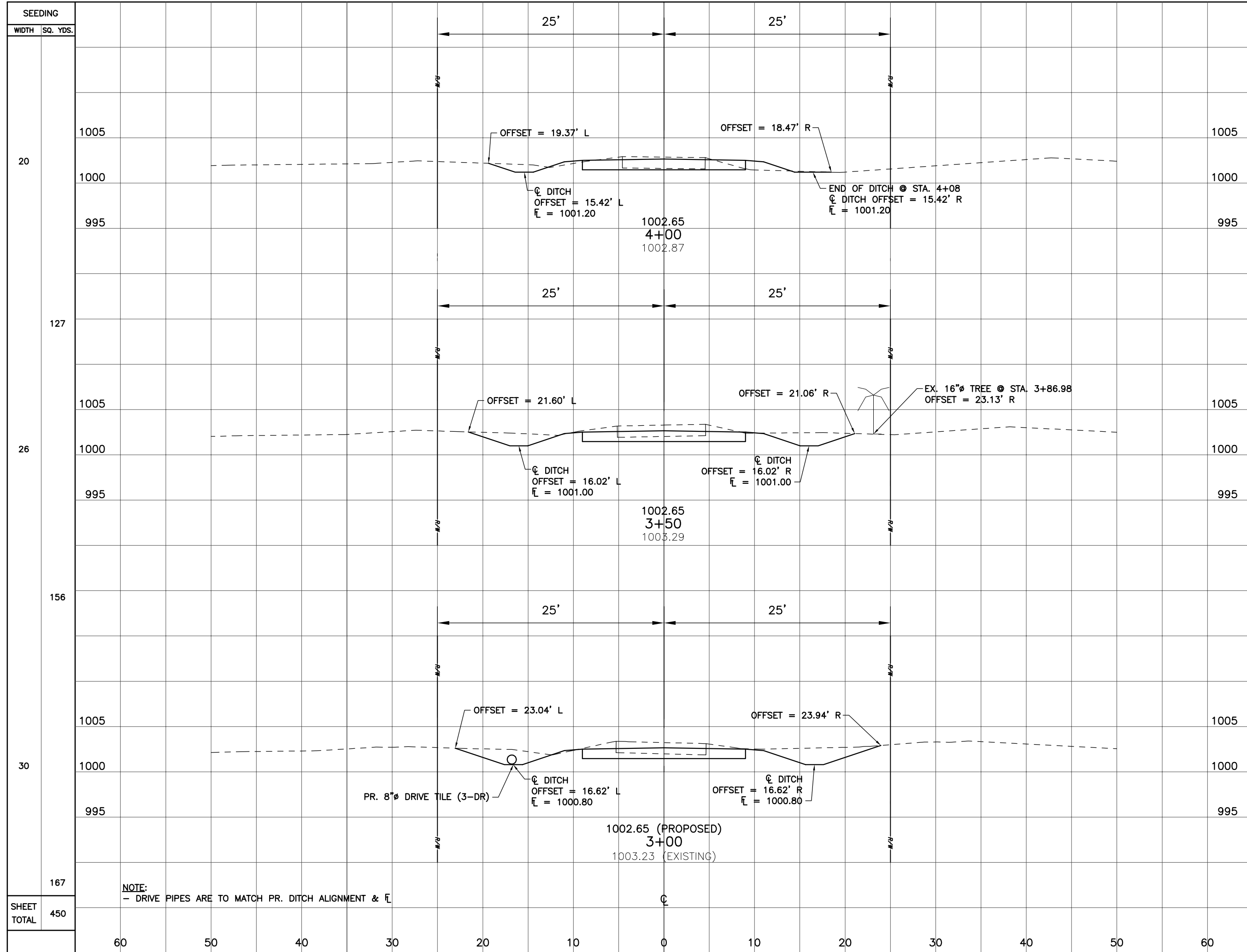


SEEDING	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
1005	32.2	0.0		
1000				
995				
164			53.3	0.0
1005				
1000	25.4	0.0		
995				
125			30.7	6.3
1005	7.7	6.8		
1000				
995				
89			23.2	8.1
<b>SHEET TOTAL</b>	<b>107.2</b>	<b>14.4</b>		

DESIGNED: MJK  
 CHECKED: SCC  
**CROSS SECTIONS**  
**STA. 1+50 TO 2+50**  
**CHERRY LANE**  
7  
10

**NOTE:**  
 - DRIVE PIPES ARE TO MATCH PR. DITCH ALIGNMENT &  $\bar{L}$

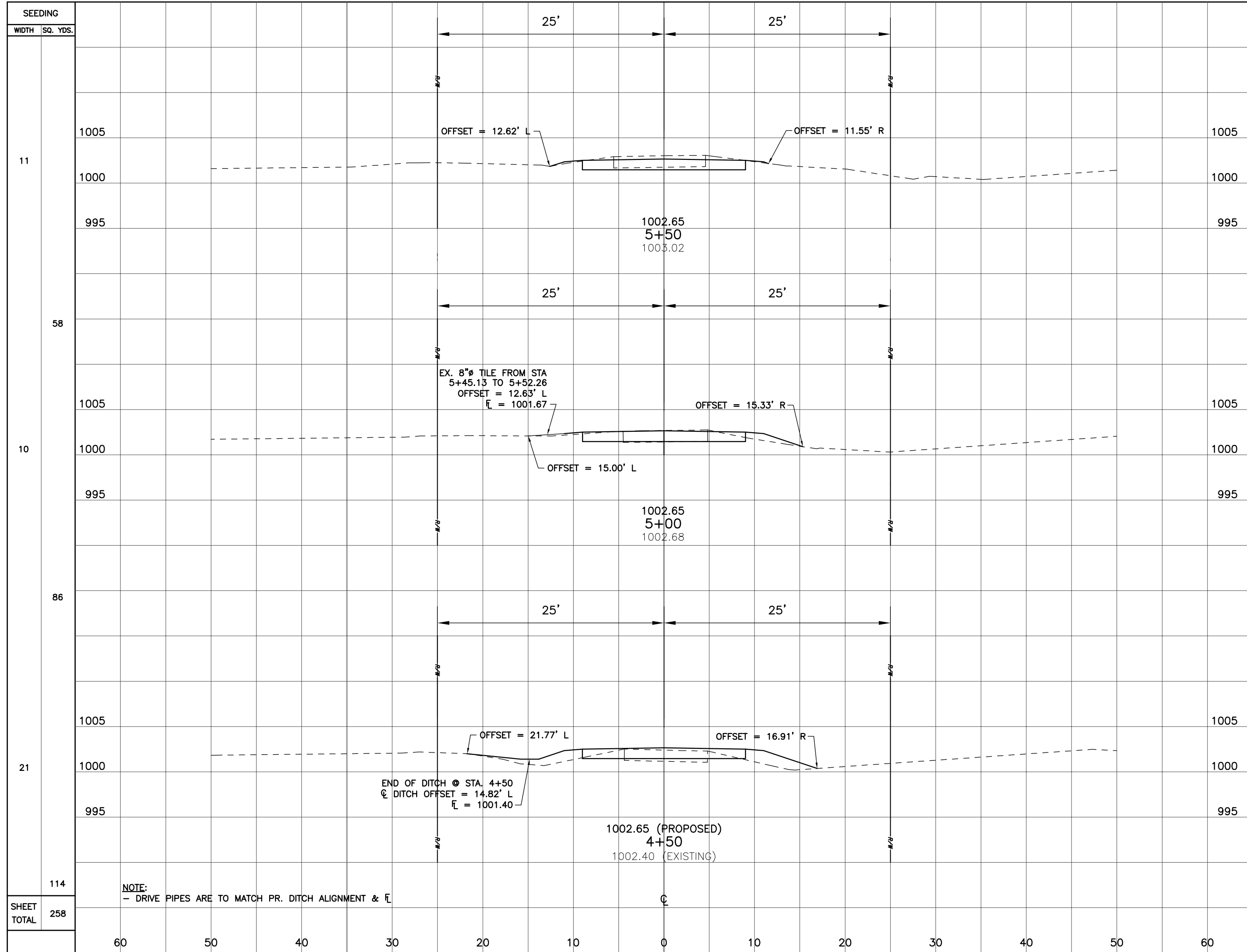
1001.48 (PROPOSED)  
 1+50  
 1001.48 (EXISTING)



SEEDING		END AREA		VOLUME	
WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL
20		11.9	3.8		
127				38.0	3.5
26		29.1	0.0		
156				70.7	0.0
30		47.2	0.0		
167				73.5	0.0
<b>SHEET TOTAL</b>	<b>450</b>	<b>182.2</b>	<b>3.5</b>		

DESIGNED MJK  
 CHECKED SCC  
 CROSS SECTIONS  
 STA. 3+00 TO 4+00  
 CHERRY LANE  
 8  
 10

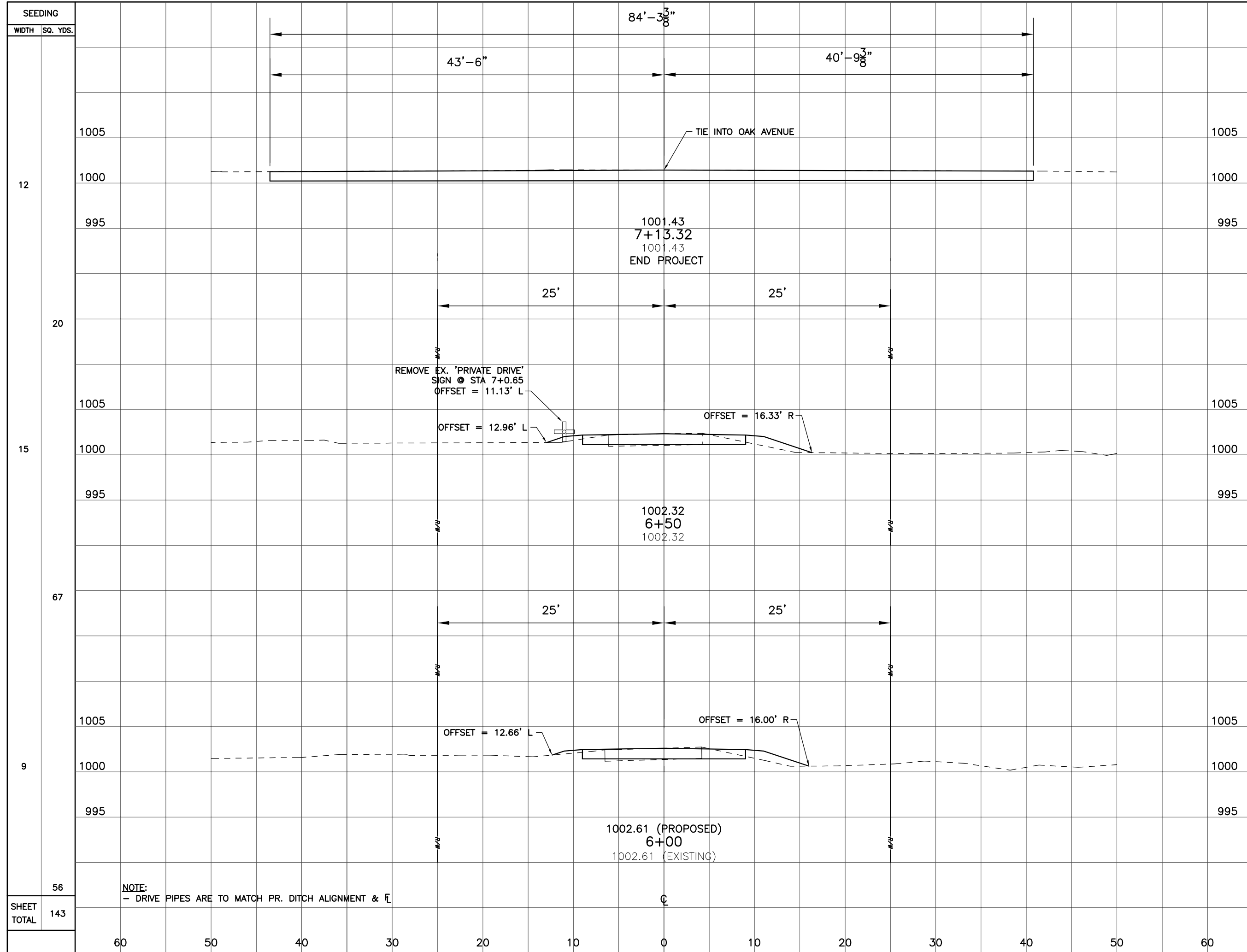
NOTE:  
 - DRIVE PIPES ARE TO MATCH PR. DITCH ALIGNMENT &  $\bar{L}$



SEEDING		END AREA		VOLUME	
WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL
11		10.4	0.0		
58				17.0	3.2
10		8.0	3.5		
86				11.3	15.6
21		4.2	13.3		
114				14.9	15.8
<b>SHEET TOTAL</b>	<b>258</b>	<b>32.6</b>	<b>20.8</b>	<b>43.2</b>	<b>34.6</b>

DESIGNED: MJK  
 CHECKED: SCC  
 CROSS SECTIONS  
 STA. 4+50 TO 5+50  
 CHERRY LANE  
 9  
 10





SEEDING		END AREA		VOLUME	
WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL
12		2.0	10.0		
20				5.4	25.0
15		2.6	11.3		
67				9.7	13.6
9		7.9	3.4		
56				16.9	3.2
<b>SHEET TOTAL</b>	<b>143</b>	<b>32.0</b>	<b>41.8</b>		

DESIGNED: MJK  
CHECKED: SCC

CROSS SECTIONS  
STA. 6+00 TO 7+13.32

CHERRY LANE

10  
10

**FINAL ENGINEER'S ESTIMATE - CHERRY LANE IMPROVEMENT**

ITEM	QUAN	UNIT	DESCRIPTION	EST. COST	TOTAL
<b>RICHLAND TOWNSHIP</b>					
<b>CHERRY LANE IMPROVEMENT</b>					
201	1	LUMP	Clearing and Grubbing	\$ 2,000.00	\$ 2,000.00
202	1	LUMP	Removal of structures and obstructions	\$ 3,000.00	\$ 3,000.00
203	498	CY	Excavation & Embankment	\$ 22.00	\$ 10,956.00
204	1501	SY	Subgrade Compaction	\$ 2.00	\$ 3,002.00
209	628	LF	Linear Grading	\$ 5.00	\$ 3,140.00
304	360	TON	Aggregate Base (9" depth)	\$ 50.00	\$ 18,000.00
402	175	TON	402 LVT Asphalt Concrete Base Course, PG 58-28 (2" depth)	\$ 111.58	\$ 19,526.50
404	130	TON	404 LVT Asphalt Concrete Surface Course, PG 58-28 (1.5" depth)	\$ 113.68	\$ 14,778.40
407	116	GAL	Tack Coat	\$ 2.10	\$ 243.60
411	111	TON	Crushed Berm Aggregate (agg. size # 617)	\$ 50.00	\$ 5,550.00
511	1	CY	Structural Concrete, QC 2 (1 driveway)	\$ 500.00	\$ 500.00
611	36	FT	8" ø Type A: Ductile iron	\$ 70.00	\$ 2,520.00
611	65	FT	8" ø Type C: Ductile iron	\$ 70.00	\$ 4,550.00
611	170	FT	8" ø Type D: Ductile iron	\$ 70.00	\$ 11,900.00
611	1	EA	8" Metal Grate Inlet (includes connection to 8" ø tile)	\$ 300.00	\$ 300.00
659	1332	SY	Seeding (Hydroseed Class 1)	\$ 1.50	\$ 1,998.00
659	0.12	TON	Commercial Fertilizer	\$ 850.00	\$ 102.00
659	7409	GAL	Watering	\$ 0.15	\$ 1,111.35
SPEC	1	LUMP	Miscellaneous catch basin & tile connections	\$ 500.00	\$ 500.00
SPEC	1	LUMP	Hauling and disposing of excavation material and debris	\$ 2,500.00	\$ 2,500.00
SPEC	1	LUMP	Temporary sediment and erosion control (drop inlet protection)	\$ 200.00	\$ 200.00
SPEC	1	LUMP	Relocate and cap private sewage tile	\$ 500.00	\$ 500.00
SPEC	60	LF	Saw cut existing driveways (2 asphalt, 1 concrete)	\$ 8.00	\$ 480.00
				<b>CONSTRUCTION SUBTOTAL:</b>	\$ 107,358
				Construction contingencies (10%)	\$ 10,736
				<b>TOTAL CONSTRUCTION:</b>	\$ 118,094
				Engineering	\$ 7,500
				Inspection	\$ 1,500
				Administration	\$ 1,000
				<b>TOTAL ENGINEERING, INSPECTION, AND ADMINISTRATION:</b>	\$ 10,000
<b>CONSTRUCTION, ENGINEERING, INSPECTION, AND ADMINISTRATION GRAND TOTAL:</b>					<b>\$ 128,094</b>

Prepared by:

*Michael Kerns*

Michael J. Kerns, P.E.  
Assistant Engineer  
Logan County Engineer's Office

Date: January 5, 2023

**FINAL SCHEDULE OF LANDOWNERS**

**Cherry Lane Improvement**

Final Engineer's Estimate: \$ 128,094

Owner's Name Per Auditor's Tax Duplicate	Parcel Number	Lot Number	Percent of Assessment	Base cost per lot	Base cost per landowner	Special assessment per lot	Total assessment per landowner
SHEPARD LINDA	38-006-15-02-015-000	142	4.55%	\$ 5,259	\$ 5,259		\$ 5,259
MILLER BRIAN K & TINA M	38-006-15-02-014-000	143	4.55%	\$ 5,259			
MILLER BRIAN K & TINA M	38-006-15-02-013-000	144	4.55%	\$ 5,259	\$ 10,518	\$ 2,100	\$ 12,618
ROSE CAROLYN J LE ETAL & PAMELA SUE ELSON ETAL	38-006-15-02-012-000	145	4.55%	\$ 5,259		\$ 4,000	
ROSE CAROLYN J LE ETAL & PAMELA SUE ELSON ETAL	38-006-15-02-011-000	146	4.55%	\$ 5,259			
ROSE CAROLYN J LE ETAL & PAMELA SUE ELSON ETAL	38-006-15-02-010-000	147	4.55%	\$ 5,259			
ROSE CAROLYN J LE ETAL & PAMELA SUE ELSON ETAL	38-006-15-02-009-000	148	4.55%	\$ 5,259	\$ 21,035		\$ 25,035
SMITH LORI L ETAL & JAMES D	38-006-15-02-008-000	149	4.55%	\$ 5,259			
SMITH LORI L ETAL & JAMES D	38-006-15-02-007-000	150	4.55%	\$ 5,259	\$ 10,518		\$ 10,518
CAUDILL GINGER L ETAL	38-006-15-02-006-000	153	4.55%	\$ 5,259	\$ 5,259		\$ 5,259
FLORY CHAD A TRUSTEE	38-006-15-03-001-000	154	4.55%	\$ 5,259	\$ 5,259		\$ 5,259
BRADSHAW LOWELL R ETUX & JUDITH E	38-006-15-03-027-000	157	4.55%	\$ 5,259	\$ 5,259		\$ 5,259
HOWELL EDWARD M	38-006-15-03-026-000	158	4.55%	\$ 5,259	\$ 5,259		\$ 5,259
FOGLE GEROLD BRADLEY	38-006-15-03-025-000	159	4.55%	\$ 5,259			
FOGLE GEROLD BRADLEY	38-006-15-03-024-000	160	4.55%	\$ 5,259			
FOGLE GEROLD BRADLEY	38-006-15-03-023-000	161	4.55%	\$ 5,259	\$ 15,776	\$ 2,100	\$ 17,876
NOBLE JACOB	38-006-15-03-022-000	162	4.55%	\$ 5,259			
NOBLE JACOB	38-006-15-03-021-000	163	4.55%	\$ 5,259	\$ 10,518	\$ 2,100	\$ 12,618
BURNS RONALD A	38-006-15-03-020-000	164	4.55%	\$ 5,259			
BURNS RONALD A	38-006-15-03-019-000	165	4.55%	\$ 5,259	\$ 10,518	\$ 2,100	\$ 12,618
DYSERT GREGORY M	38-006-15-03-018-000	166	4.55%	\$ 5,259			
DYSERT GREGORY M	38-006-15-03-017-000	167	4.55%	\$ 5,259	\$ 10,518		\$ 10,518

**Totals: \$ 115,694 \$ 12,400 \$ 128,094**

Special assessment notes

Special assessments have been charged to lots requiring:

- (a) 30' of drive pipe for lots 144, 161, 163 & 165
- (b) 50' of drive pipe for lot 145
- (c) structural concrete for driveway of lot 145

# Looking north from Barnes Drive



# Looking south from Oak Avenue



# Looking south from station 3+25



# Alternatives for landowners if Commissioners vote to dismiss road petition

(1) Continue with existing surface

(2) Chip-seal over existing surface: \$19,550  
(based upon cost of \$2.50/SY)

(3) Quote sent to Indian Lake Shores from Quality Paving in July of 2021 to edge perimeter as needed, grade and compact all stone base to proper elevations and pave over existing surface: \$41,525

(this quote used 8,207 SF of existing pavement; LCEO survey showed existing SF = 7,819)

# Questions and Open Discussion

This presentation has been prepared by the Logan County Engineer's Office and can be found online at [www.lceo.us](http://www.lceo.us) under the tabs 'Construction Projects' > 'Cherry Lane Petition for Road Improvement' > 'Final Hearing'. The Engineer's Report, which includes the Plans, Estimate and Assessment Schedule, is also located under 'Cherry Lane Petition for Road Improvement'.



Sample Resolution Language for Cherry Lane Hearing on March 7, 2023

RE: CHERRY LANE PETITION FOR ROAD IMPROVEMENT – **EITHER** DETERMINATION TO PROCEED WITH ROAD IMPROVEMENT **OR** DETERMINATION TO SET ASIDE ITS FORMER ORDER AND DISMISS THE PETITION

Whereas, a petition for road improvement has been filed by Brian Miller for Cherry Lane,

Said street being all of Cherry Lane as shown on the plat of Indian Lake Shores Allotment No. 1 (Plat Cabinet A, Slide 399). Cherry Lane being 697.62 feet more or less in length measured along the centerline.

Whereas, on June 16, 2022, a view of Cherry Lane was held,

Whereas, on July 21, 2022, the Logan County Board of Commissioners met and passed Resolution No. 177-22, ordering the county engineer to proceed to prepare the necessary surveys, plans, profiles, cross sections, estimates of cost, and specifications for the improvement, together with an estimated landowner assessment schedule, based upon the estimate of cost, upon the real estate to be charged therewith. Said landowner assessment schedule shall be according to the benefits which will result to such real estate and said special assessments will be levied to the lots abutting the road improvement, per ORC 5555.41(D), as requested in the petition;

Whereas, the Commissioners have reviewed and reconsidered their former order to proceed with the roadway improvement,

Resolved, the Commissioners (**EITHER**) affirm said order to proceed (**OR**) set aside its former order and dismiss the petition and order that all costs be assessed to the landowners;

Whereas, the Commissioners have heard all the evidence offered for or against the assessment proposed to be levied against any owner or on any land as shown by the schedule of assessments filed by the County Engineer and they have heard any competent evidence on the question of benefits,

Resolved, that the Commissioners confirm the schedule of assessments that was submitted by the County Engineer;

Resolved, that \_\_\_\_ years shall be the period of time, in semi-annual installments, as taxes are paid, be given the owners of the lands benefitted to pay the assessments;

Resolved, that when assessments are made payable in installments and bonds or notes have been sold to pay for the improvement, interest shall be added to the installments of assessments at the same rate as is drawn by the bonds or notes issued to pay for the improvements. Any owner may pay the estimated assessments on the owner's land within thirty days after the construction has finished and such assessments are levied;

Resolved, that a construction fund be established per the Logan County Auditor's recommendation *{insert construction fund details}*;

Resolved, that on (Month Day, time) *{not less than 30 days after the Commissioners affirm the order to proceed}* at the Logan County Commissioners Office bids for construction will be received;