

ADDENDUM #4

Citrus Grove Road Phase 5
Project No. 2023-08, Bid No. 23-562

This addendum is being issued to make the following changes, corrections, clarifications and additions to the bidding document. The information in this addendum modifies and changes the original bidding documents and takes precedence over the original documents. **Receipt of this addendum shall be acknowledged by the bidder by signing and dating the appropriate line on page W-4 of the bid proposal.** Failure to acknowledge this addendum may preclude consideration of the bid proposal for award.

Questions asked via email

Q1: When is the anticipated completion of the bridge?

A1: At this time, the Turnpike contractor's estimated completion date is November 2024.

Q2: What work on and/or around the bridge is NOT included in the Turnpike contract?

A2: Contractors shall bid to construct Citrus Grove Road per plan.

Q3: It appears that Pond WRA-3 is already built. Is this configuration acceptable or will new plans be issued detailing how this existing pond is to be reshaped?

A3: The Pond WRA-3 has already been built by Willow Ridge subdivision and has already been re-shaped; however, outfall pipe of this roadway plan needs to be built. Please see attached revised plan sheets 1, 21, 33, 35, and 63 contained within Addendum #4.

Q4: As there are already 2 pipes from the new subdivision discharging into this pond, will this pond be sufficient to receive the inflow from another pipe?

A4: Yes, pond capacity is sufficient for both sites.

Q5: At Pond WRA-3, there is an existing privacy wall that is not shown on the plans. Is the contractor to install the shown access driveway just up to the privacy wall?

A5: As shown on sheet 21 of the revised construction plans this driveway has been removed from this project.

Q6: Is the contractor to tunnel under the existing privacy wall to install the pipe run from S-28 to S-30?

A6: The Willow Ridge Developer will remove and replace the section of wall where the outfall pipe will cross. Contractor shall field adjust the outfall pipe to avoid the column footings.

Q7: Who is responsible for any damages that may occur to this wall?

A7: If the wall is damaged by the developer while moving the one panel, then they would be responsible to repair/ replace. If wall is damaged by Citrus Grove Road contractor or subcontractors, then they would be responsible to repair/ replace. Citrus Grove contractor shall take all precautions to protect this wall as they would any other appurtenances on private property.

Q8: We are hearing from MSE wall manufacturers that the details shown on the bird will be difficult to achieve on a concrete panel. Would the County allow the logo that was just installed on the Turnpike job at the new CR 455 bridge?

A8: No, the County would not allow the change.

Q9: Can the location of Item 0515-2221, Pedestrian/Bicycle Railing, Steel only, 54' Type 1 be identified please?

A9: Yes, please see revised sheets 18, and 22 identifying the locations of the proposed "Bike Lean" rails. It should also be noted there is an error in the Bid Tabulation; the height of the rail should be 42" not 54' and the bid item number should be 515-1-1 Pipe Handrail- Guiderail, steel. Contractor shall use detail sheet 509 contained within this addendum to construct the "Bike Lean" rail. Contractor shall include in their bid a cost to provide a "Ribbon curb" to fasten the rail to.


Deborah Marchese, Construction Program Supervisor


Date

COMPONENTS OF CONTRACT PLANS SET
ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
STRUCTURES PLANS

LAKE COUNTY
DEPARTMENT OF PUBLIC WORKS

CONTRACT PLANS

RSQ NO. 19-0910

CITRUS GROVE ROAD
DESIGN PHASE V
FROM WEST SR 91 TO BLACKSTILL LAKE
ROAD

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	DRAINAGE MAP
5 - 8	TYPICAL SECTIONS
9 - 10	SUMMARY OF DRAINAGE STRUCTURES
11 - 12	PROJECT LAYOUT
13	PROJECT CONTROL
14 - 15	PROJECT NOTES
16 - 22	ROADWAY PLAN
23 - 31	ROADWAY PROFILE
32	INTERSECTION DETAIL
32A	INTERSECTION GRADING
33	DRAINAGE STRUCTURE TABULATION
34 - 35	POND DETAILS
36 - 37	SPECIAL DETAILS
38	SOIL SURVEY SHEET
39 - 43	BORING PROFILES
44 - 71	CROSS SECTIONS
72 - 73	MAINTENANCE OF TRAFFIC
74	STORM WATER POLLUTION PREVENTION PLAN
U-1 -U-7	UTILITY ADJUSTMENT SHEET

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2020-2021 Standard plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

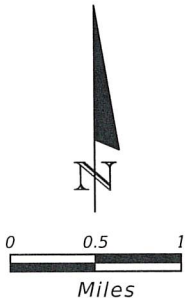
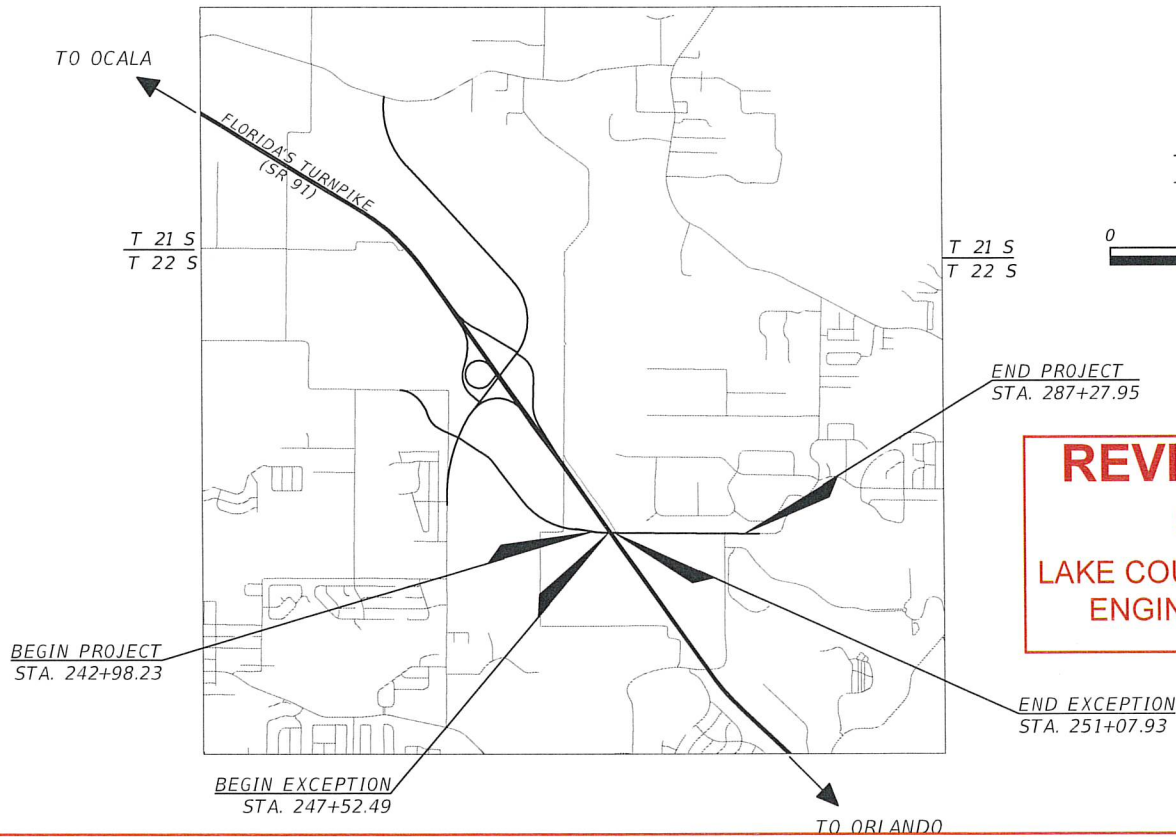
Standard Plans for Road Construction and associated IRs are available at the following website:
<http://www.fdot.gov/design/Standardplans.shtm>

APPLICABLE IRs: n/a

Standard Plans for Bridge Construction are included in the Structures Plans Component.

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, July 2020 Standard Specifications for Road and Bridge Construction at the following website:

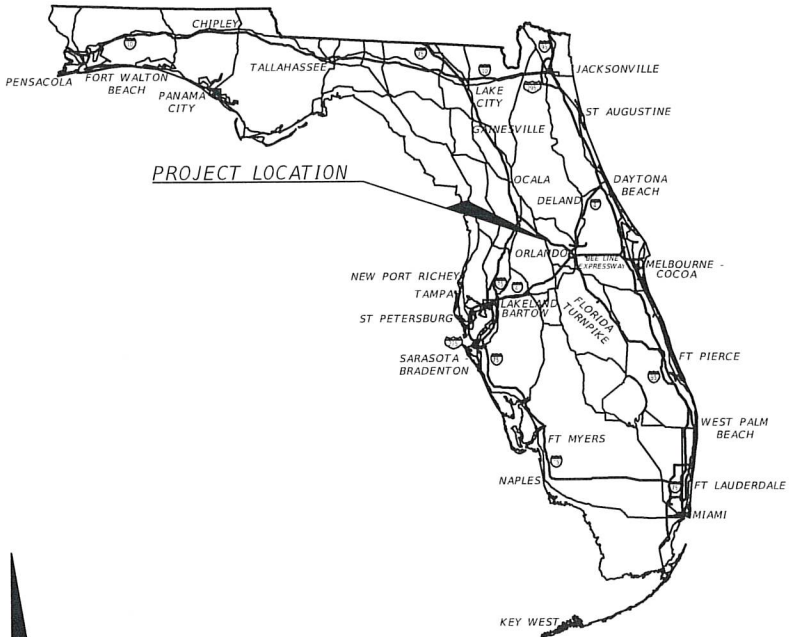
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



REVISED PLANS
9/7/2023
LAKE COUNTY PUBLIC WORKS
ENGINEERING DIVISION

Revisions Notes for Contractor:

1. Pond WRA-3 Will not be built with this roadway plan since it has been built with subdivision development.
2. Turnout for Pond WRA-3 at STA. 278+00 RT will not be built. Contractor to follow Typical Section for Trail and adjust in the field as necessary.
3. Pond WRA-3 when built has a bottom of 115' elevation (vs. 112' from this plan design), therefore structures S-28 & s-30 inverts have been revised. See Sheet No. 33 - Drainage Structures Tabulation.
4. There is an existing (built) masonry perimeter wall, in which the subdivision developer will remove and replace wall panel where 24" stormwater pipe from S-28 to S-30 will be located. Coordination from Contractor with subdivision developer will be required.
5. Contractor shall field adjust the 24" stormwater pipe to avoid existing wall footings.



ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:
JOHN R. BURKETT, P.E. NO. 40064
DRMP, INC.
941 LAKE BALDWIN LANE
ORLANDO, FL 32814

PLANS PREPARED BY:
DRMP, INC.
941 LAKE BALDWIN LANE
ORLANDO, FL 32814

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

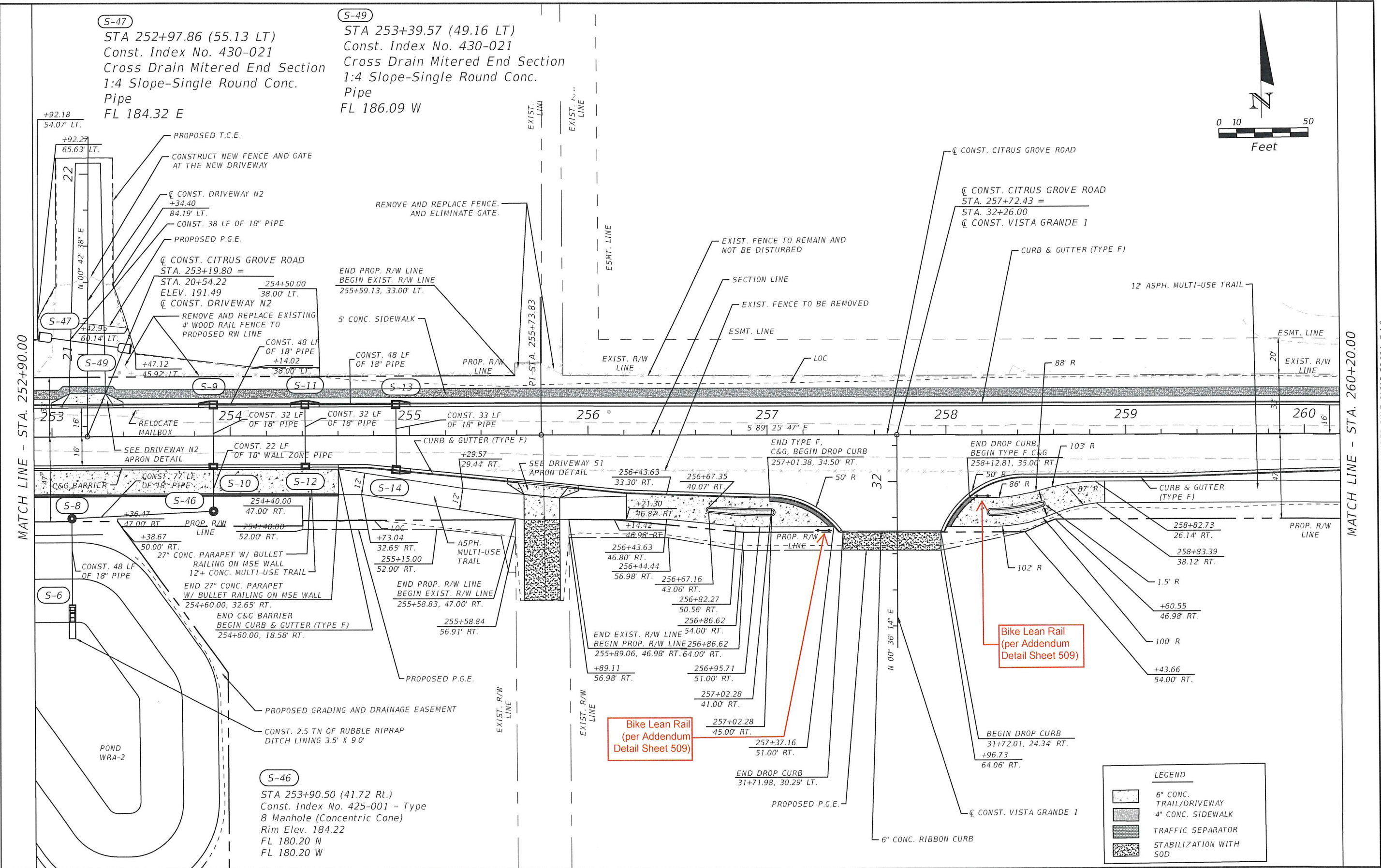
ROADWAY PLANS
ENGINEER OF RECORD:
JOHN R. BURKETT, P.E. NO. 40064
DRMP, INC.
941 LAKE BALDWIN LANE
ORLANDO, FL 32814
(407) 896-0594

LAKE COUNTY DEPT. OF PUBLIC WORKS
PROJECT MANAGER:
OSVALDO NUNEZ

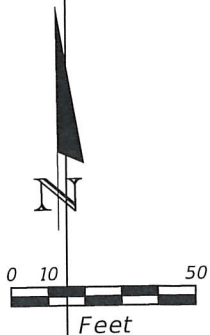
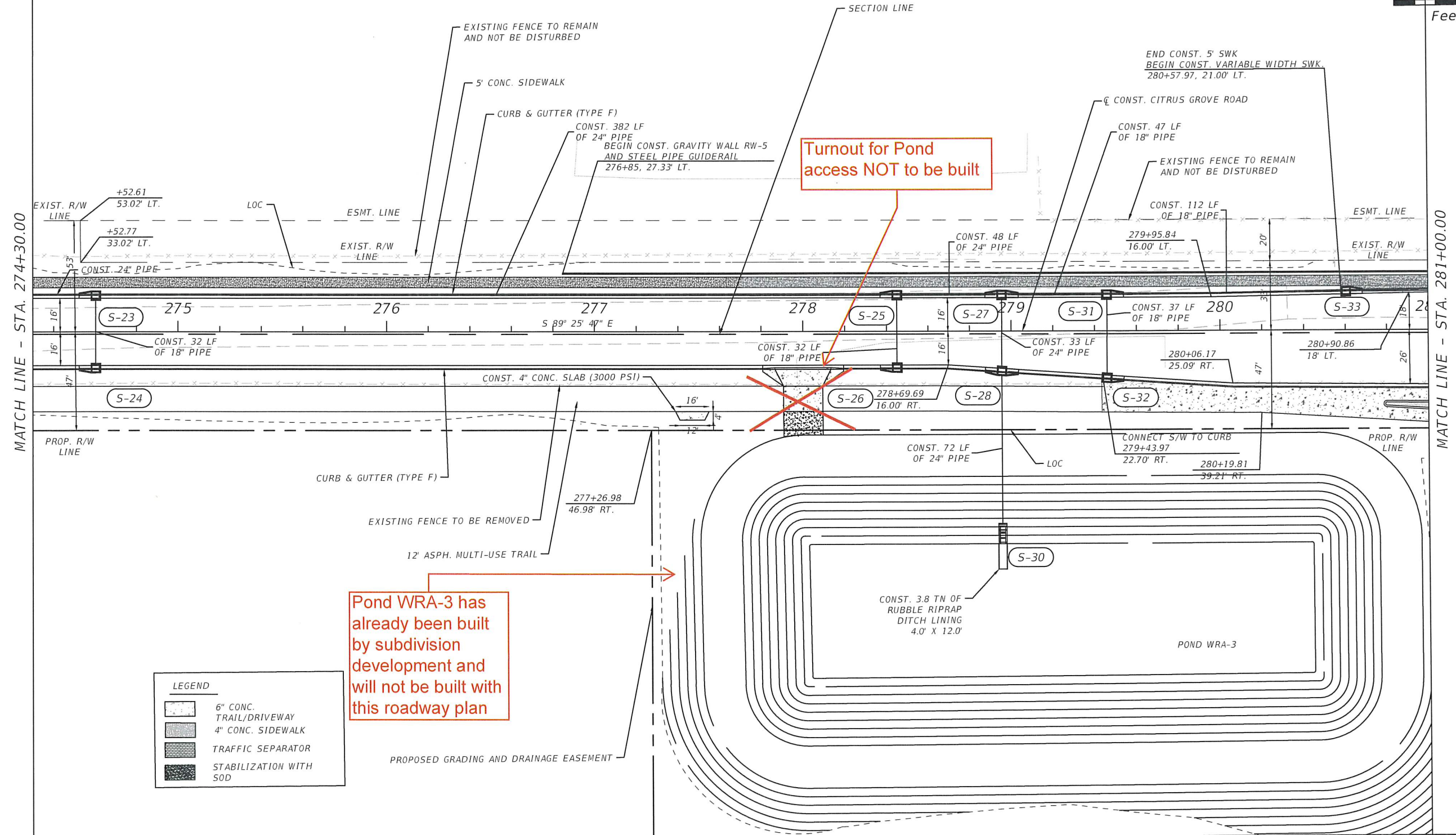
SHEET
NO.

1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



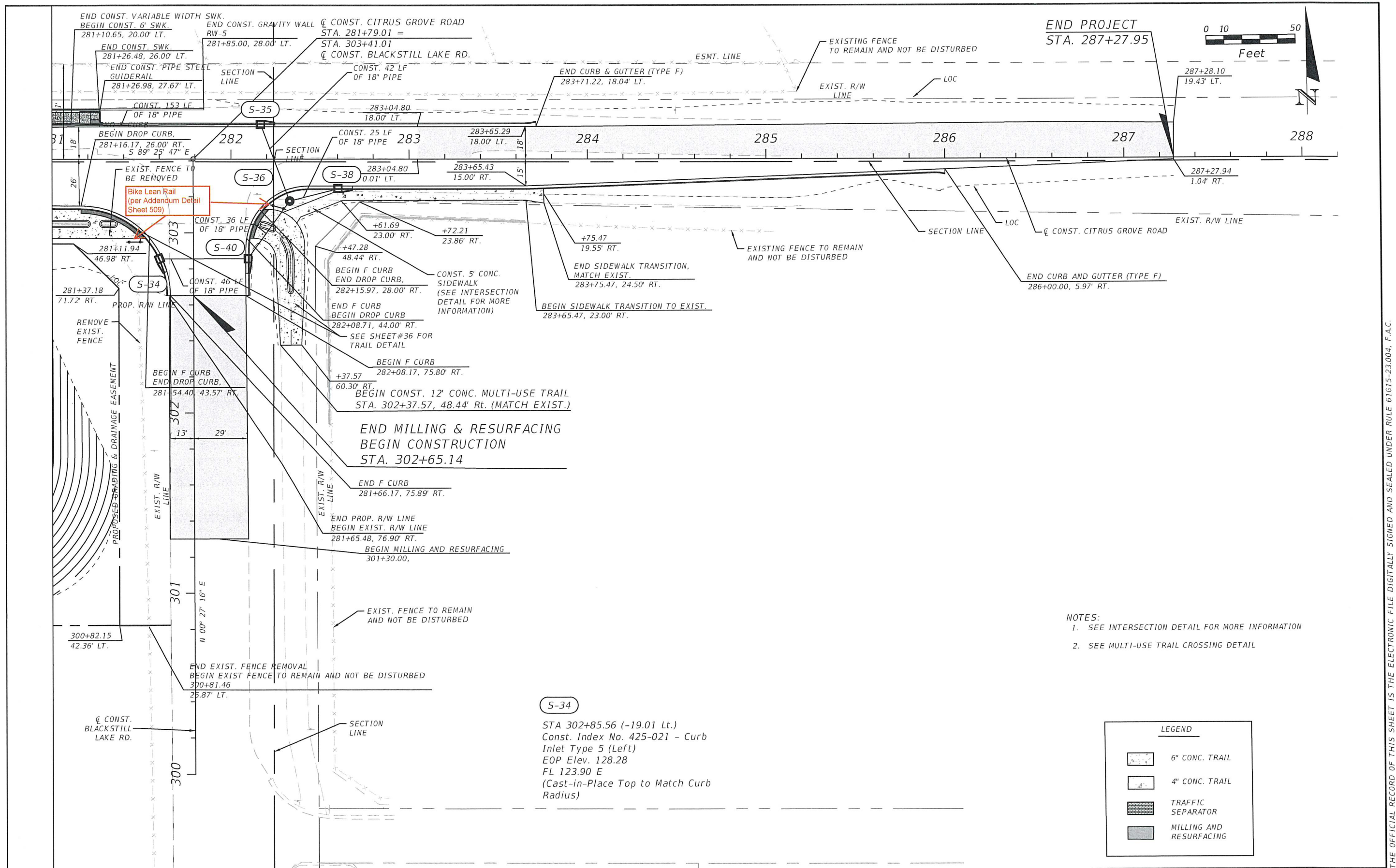
REVISIONS		DATE	 DRMP ENGINEERING & SURVEYING PLANNING & DESIGN DRMP, INC 941 LAKE BALDWIN LANE ORLANDO, FLORIDA 32814 P 407.896.0594 F 407.896.4836	 LAKE COUNTY, FL REAL FLORIDA REAL CLOSE	LAKE COUNTY DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		ROADWAY PLAN (3)	SHEET NO.
---		---						
								18
					ROAD	RSO NO.		
					CITRUS GROVE ROAD	19-0910		
			JOHN R. BURKETT, P.E. LICENSE NO. 40064					
			DATE:					



LEGEND	
	6" CONC. TRAIL/DRIVEWAY
	4" CONC. SIDEWALK
	TRAFFIC SEPARATOR
	STABILIZATION WITH SOD

REVISIONS		DATE	 DRMP ENGINEERING SURVEYING PLANNING SCIENTISTS DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FLORIDA 32814 P 407.896.0594 F 407.896.4836	 LAKE COUNTY, FL REAL FLORIDA REAL CLOSE	LAKE COUNTY DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION			ROADWAY PLAN (6)	SHEET NO.
----	----	ROAD			RSO NO.	21			
		CITRUS GROVE ROAD			19-0910				
		JOHN R. BURKETT, P.E. LICENSE NO. 40064							
		DATE:							

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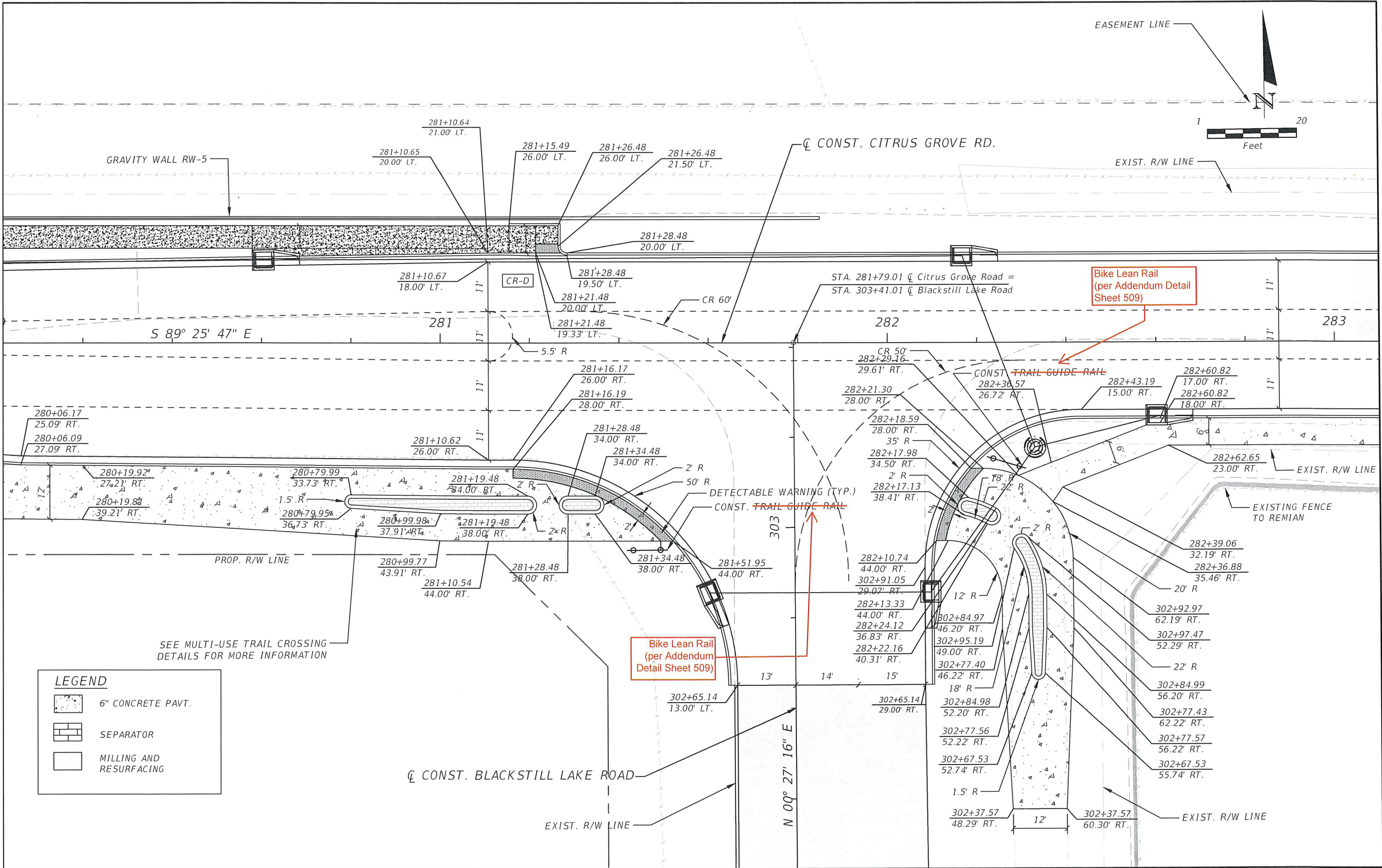


- NOTES:
- 1. SEE INTERSECTION DETAIL FOR MORE INFORMATION
 - 2. SEE MULTI-USE TRAIL CROSSING DETAIL

LEGEND	
	6" CONC. TRAIL
	4" CONC. TRAIL
	TRAFFIC SEPARATOR
	MILLING AND RESURFACING

REVISIONS		DATE			LAKE COUNTY DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		ROADWAY PLAN (7)	SHEET NO. 22
NO.	DESCRIPTION				ROAD	RSQ NO.		
1					CITRUS GROVE ROAD	19-0910	JOHN R. BURKETT, P.E. LICENSE NO. 40064	
							DATE:	

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REVISIONS		DATE	 DRMP ENGINEERING AND SURVEYING PROFESSIONAL SERVICES, INC. DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FLORIDA 32814 P 407.896.0594 F 407.896.4836	 LAKE COUNTY, FL REAL FLORIDA REAL CLOSE	LAKE COUNTY DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		<i>INTERSECTION DETAIL</i>	SHEET NO.
					ROAD RSO NO.			32
					CITRUS GROVE ROAD	19-0910		
					JOHN R. BURKETT, P.E. LICENSE NO. 40064			
					DATE:			

Rasha AL Obaydi

4/4/2022 7:15:34 AM

C:\Users\RAL0baydi\Desktop\Citrus grove\CADD\Roadway\INTDRD02.dwg

(S-1)
STA 244+40.00 (17.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Right)
EOP Elev. 179.05
FL 174.20 E
FL 174.20 S
FL 174.20 W

(S-2)
STA 244+40.00 (16.83 Rt.)
Const. Index No. 425-032 - Curb
& Gutter Barrier Inlet
Theo. Gutter Line Elev. 178.94
FL 174.40 N

(S-3)
STA 247+16.70 (16.87 Lt.)
Const. Index No. 425-031 -
Adjacent Barrier Inlet
Grate Elev. 189.54
Structure to Include Resilient
Connector for Pipe
FL 184.80 S
FL 184.80 W

(S-4)
STA 247+16.70 (16.87 Rt.)
Const. Index No. 425-031 -
Adjacent Barrier Inlet
Grate Elev. 189.54
FL 185.00 N

(S-6)
STA 253+10.93 (94.39 Rt.)
Const. Index No. 430-011 -
U-Type Concrete Endwall With
Baffles (1:4 Slope)
FL 176.00 N

(S-8)
STA 253+10.93 (45.34 Rt.)
Const. Index No. 425-001 - Type
8 Manhole (Concentric Cone)
Rim Elev. 183.66
FL 179.60 E
FL 176.20 S

(S-9)
STA 253+90.50 (17.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Left)
EOP Elev. 190.47
FL 185.20 E
FL 185.20 S

(S-10)
STA 253+90.50 (16.83 Rt.)
Const. Index No. 425-032 - Curb
& Gutter Barrier Inlet
Theo. Gutter Line Elev. 190.61
Structure to Include Resilient
Connector for Pipe
FL 185.10 N
FL 181.00 S

(S-11)
STA 254+41.60 (17.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 6
EOP Elev. 190.27
FL 185.40 S
FL 185.90 E
FL 185.40 W

(S-12)
STA 254+41.60 (16.83 Rt.)
Const. Index No. 425-032 - Curb
& Gutter Barrier Inlet
Theo. Gutter Line Elev. 190.41
FL 185.50 N

(S-13)
STA 254+92.50 (17.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Right)
EOP Elev. 190.47
FL 186.10 S
FL 186.10 W

(S-14)
STA 254+92.50 (18.91 Rt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Left)
EOP Elev. 190.44
FL 186.20 N

(S-15)
STA 260+80.00 (17.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Left)
EOP Elev. 189.74
FL 185.40 S
FL 185.40 E

(S-16)
STA 260+80.00 (17.71 Rt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Right)
EOP Elev. 189.73
FL 185.50 N

(S-17)
STA 263+80.00 (17.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Left)
EOP Elev. 177.69
FL 173.30 S
FL 173.30 W
FL 170.00 E

(S-18)
STA 263+80.00 (17.25 Rt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Right)
EOP Elev. 177.69
FL 173.40 N

(S-19)
STA 266+80.00 (17.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Left)
EOP Elev. 165.73
FL 161.40 S
FL 161.40 W
FL 156.20 E

(S-20)
STA 266+80.00 (17.25 Rt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Right)
EOP Elev. 165.73
FL 161.50 N

(S-21)
STA 270+70.00 (17.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Left)
EOP Elev. 151.13
FL 146.80 S
FL 146.30 W
FL 137.50 E

(S-22)
STA 270+70.00 (17.25 Rt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Right)
EOP Elev. 151.13
FL 146.90 N

(S-23)
STA 274+60.00 (17.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Left)
EOP Elev. 134.31
FL 130.00 S
FL 129.50 W
FL 123.00 E

(S-24)
STA 274+60.00 (17.25 Rt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Right)
EOP Elev. 134.31
FL 130.10 N

(S-25)
STA 278+45.00 (17.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Left)
EOP Elev. 121.10
FL 116.30 W
FL 116.80 S
FL 116.30 E

(S-26)
STA 278+45.00 (17.25 Rt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Right)
EOP Elev. 121.10
FL 116.90 N

(S-27)
STA 278+95.51 (17.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 6
EOP Elev. 120.90
FL 115.30 E
FL 116.10 W
FL 115.30 S

(S-28)
STA 278+95.51 (18.97 Rt.)
Const. Index No. 425-021 - Curb
Inlet Type 6
EOP Elev. 120.87
FL 115.20 N
~~FL 112.20 S~~ 115.20 S

(S-30)
STA 278+95.51 (92.78 Rt.)
Const. Index No. 430-011 -
U-Type Concrete Endwall With
Baffles (1:4 Slope)
~~FL 112.00 N~~ 115.00 N

(S-31)
STA 279+46.00 (17.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Right)
EOP Elev. 121.10
FL 115.50 E
FL 116.70 S
FL 115.50 W

(S-32)
STA 279+46.00 (22.33 Rt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Left)
EOP Elev. 121.10
FL 116.80 N

(S-33)
STA 280+60.50 (18.38 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Right)
EOP Elev. 123.00
FL 115.90 E
FL 115.90 W

(S-35)
STA 282+16.81 (-19.25 Lt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Right)
EOP Elev. 128.06
FL 123.40 S
FL 121.00 W

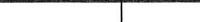
(S-36)
STA 282+32.97 (23.29 Rt.)
Const. Index No. 425-001 - Type
8 Manhole (Concentric Cone)
Rim Elev. 129.70
FL 123.50 SW
FL 123.50 E
FL 123.50 N

(S-38)
STA 282+60.17 (16.25 Rt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Left)
EOP Elev. 129.59
FL 125.30 W

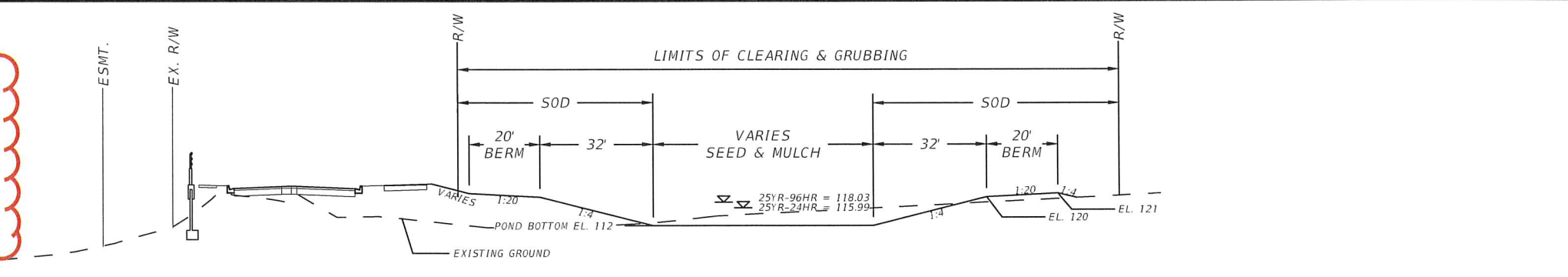
(S-40)
STA 302+85.56 (30.31 Rt.)
Const. Index No. 425-021 - Curb
Inlet Type 5 (Right)
EOP Elev. 128.06
FL 123.70 W
FL 123.70 NE

(S-42) (S-44)
See Pond Detail Sheet

(S-34) (S-46) (S-47) (S-49) (S-101) (S-103)
See respective plan sheet

REVISIONS		DATE	 DRMP ENGINEERING, SURVEYING, PLANNING & SCIENTISTS DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FLORIDA 32814 P 407.896.0594 F 407.896.4836	 LAKE COUNTY, FL REAL FLORIDA REAL CLOSE	LAKE COUNTY DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION			DRAINAGE STRUCTURE TABULATION	SHEET NO.	
					ROAD	RSO NO.			JOHN L. MINTON, P.E. LICENSE NO. 54657 DATE:	33
					CITRUS GROVE ROAD	19-0910				

Pond WRA-3 has already been built. It will not need to be built with this roadway plan.

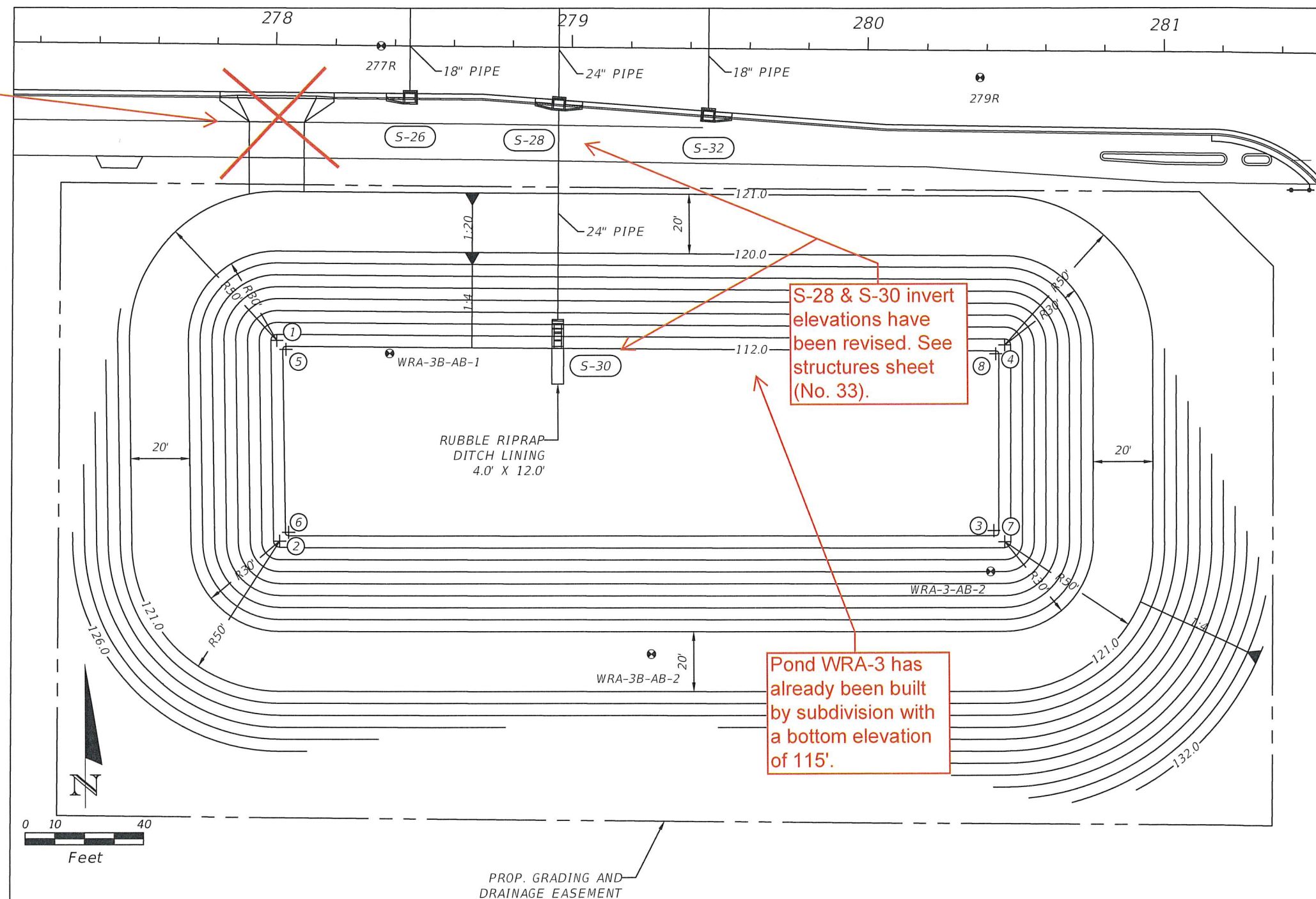


Turnout NOT to be built

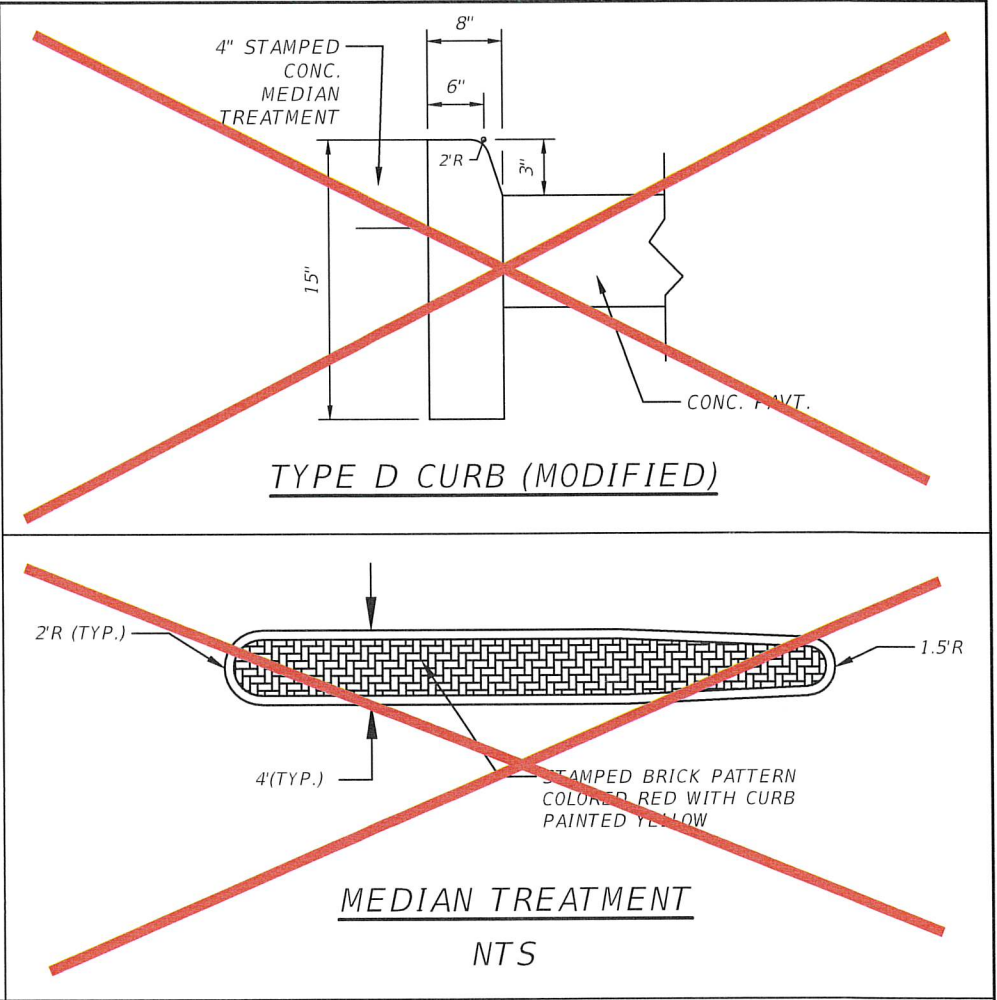
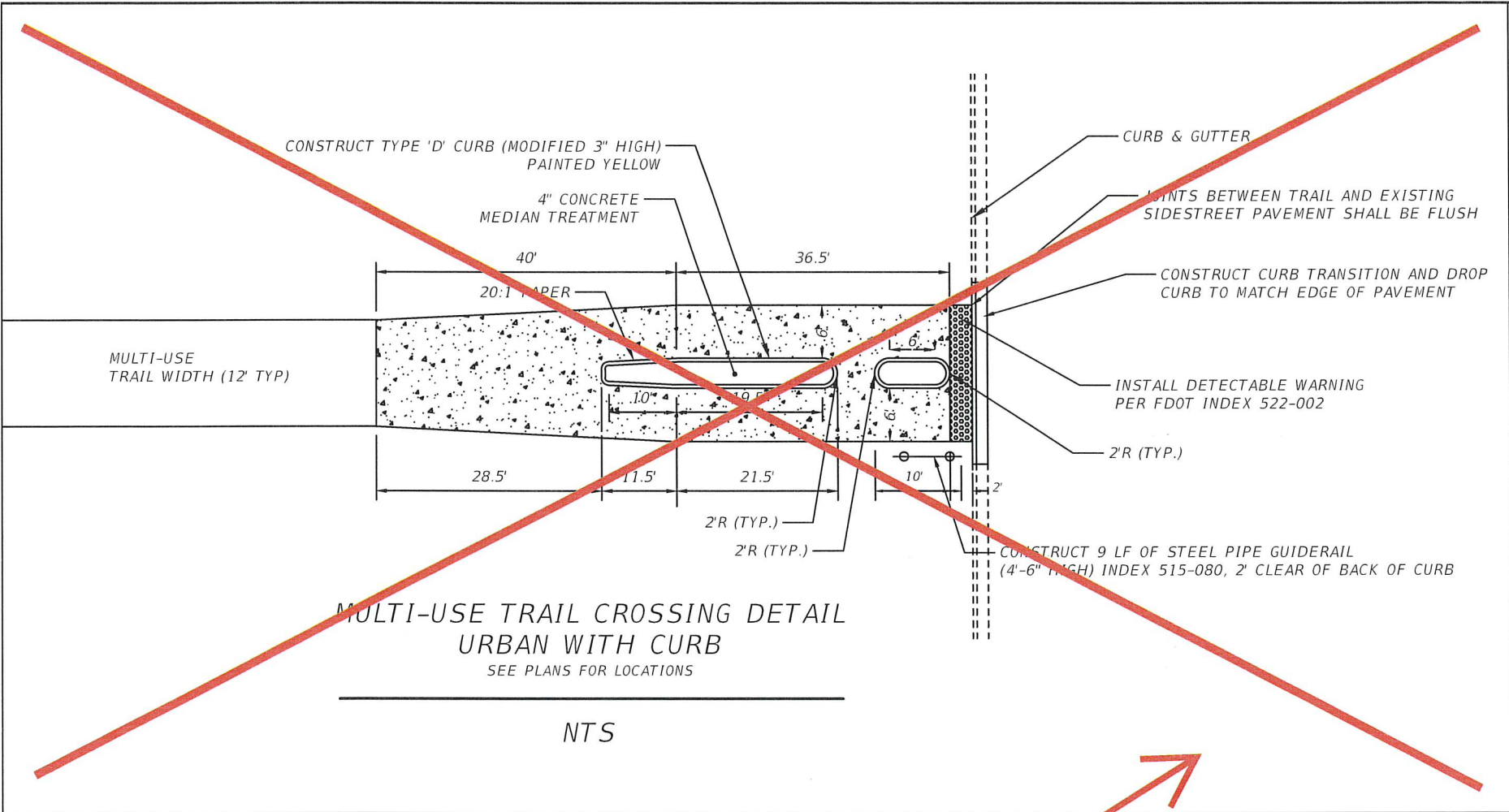
POND CONTROL POINTS			
ID	STATION	OFFSET (FT)	RADIUS (FT)
1	278+00.56	99.29 RT	30.00
2	278+01.88	166.63 RT	50.00
3	280+42.73	161.09 RT	1.00
4	280+46.22	98.82 RT	50.00
5	278+03.62	102.28 RT	1.00
6	278+04.80	163.63 RT	1.00
7	280+46.46	164.77 RT	30.00
8	280+43.22	101.83 RT	1.00

NOTES:

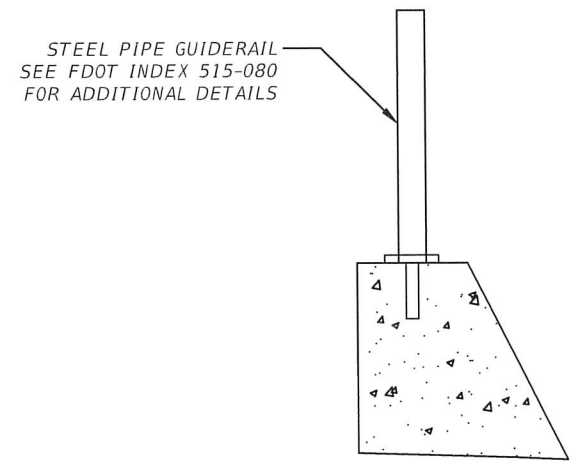
1. INITIAL CONSTRUCTION OF THE POND SHALL BE TO ROUGH GRADE BY UNDER-EXCAVATING THE POND BOTTOM AND SIDE SLOPES BY APPROXIMATELY 12 INCHES.
2. AFTER THE DRAINAGE AREA CONTRIBUTING TO THE POND HAS BEEN FULLY STABILIZED, THE INTERIOR SIDE SLOPES AND POND BOTTOM SHALL BE EXCAVATED TO FINAL DESIGN SPECIFICATIONS (LINES AND GRADES). THE EXCESS SOIL AND UNSUITABLE MATERIAL SHALL BE CAREFULLY EXCAVATED AND REMOVED FROM THE POND SO THAT ALL ACCUMULATED SILTS, CLAYS, AND ORGANICS AND OTHER FINE SEDIMENT MATERIAL ARE REMOVED FROM THE POND AREA. THE EXCAVATED MATERIAL SHOULD BE DISPOSED OF BEYOND THE LIMITS OF THE PROJECT.
3. ONCE THE POND HAS BEEN EXCAVATED TO FINAL GRADE, THE ENTIRE POND BOTTOM SHOULD BE DEEP RAKED A MINIMUM OF 2' AND LOOSENED FOR OPTIMAL INFILTRATION AND SEED AND MULCHED.
4. NO FILL OR OTHER CONSTRUCTION MATERIALS SHALL BE STORED AND/OR PLACED WITHIN THE LIMITS OF THE POND EXCAVATION/FILL AREAS.



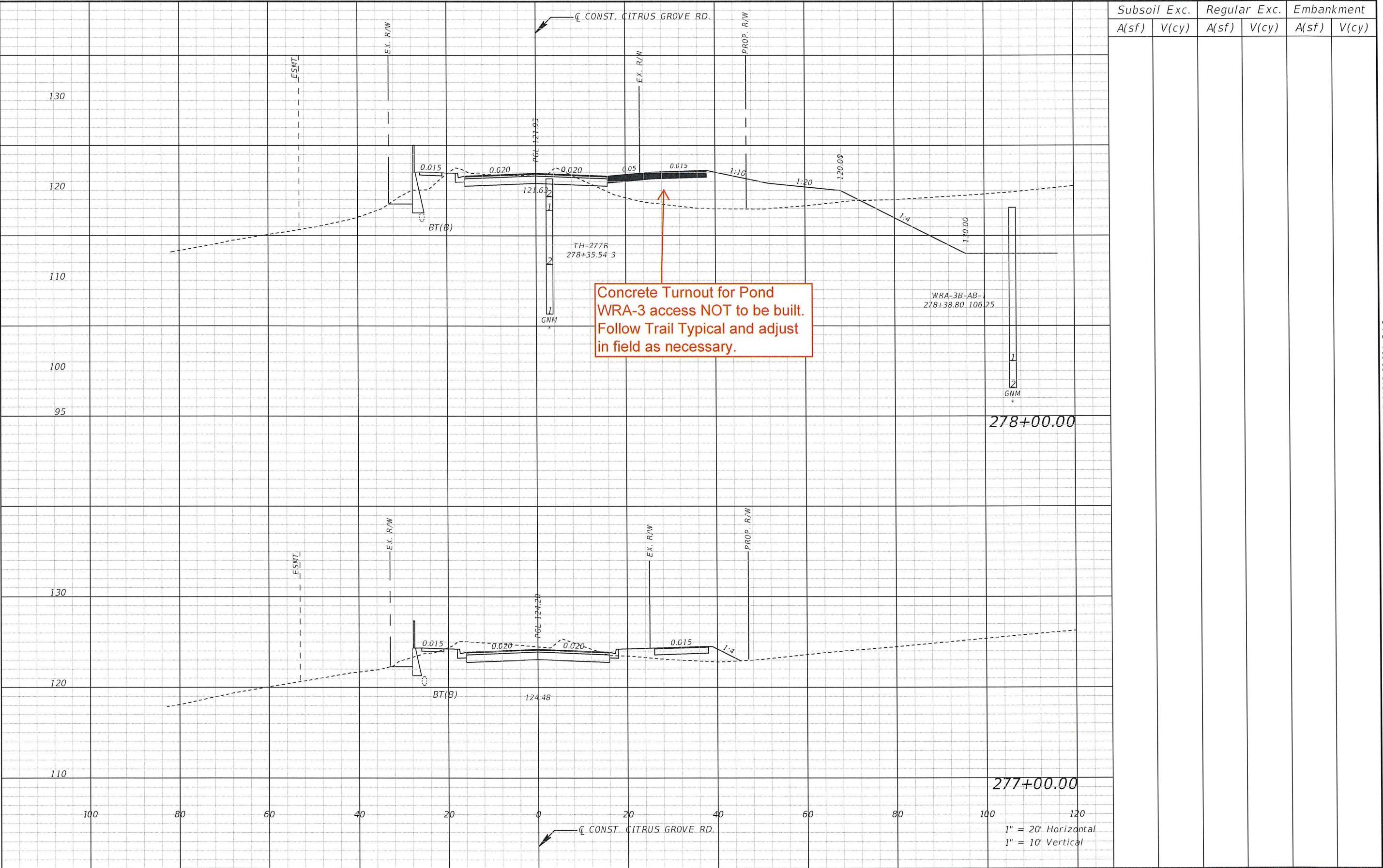
REVISIONS	DATE	 DRMP ENGINEERING SURVEYING PLANNING SCIENTISTS DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FLORIDA 32814 P 407.896.0594 F 407.896.4836	 LAKE COUNTY, FL REAL FLORIDA REAL CLOSE	LAKE COUNTY DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		POND DETAIL WRA-3		SHEET NO.	
----	----			ROAD	RSQ NO.			JOHN L. MINTON, P.E. LICENSE NO. 54657 DATE:	35
				CITRUS GROVE ROAD	19-0910				



FOR THE MULTI-USE TRAIL CROSSING, TYPE "D" CURB (MODIFIED) AND MEDIAN TREATMEN DETAIL, REFER TO (USE) ADDEMDUM DETAIL SHEET 509



REVISIONS	DATE	 DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FLORIDA 32814 P 407.896.0594 F 407.896.4836		 LAKE COUNTY, FL REAL FLORIDA REAL CLOSE		LAKE COUNTY DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		JOHN R. BURKETT, P.E. LICENSE NO. 40064 DATE:		SPECIAL DETAIL MULTI-USE TRAIL		SHEET NO.
						ROAD	RSQ NO.					36
						CITRUS GROVE ROAD	19-0910					



REVISIONS		DATE	 DRMP ENGINEERS SURVEYORS PLANNERS & SCIENTISTS DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FLORIDA 32814 P 407.896.0594 F 407.896.4836	 LAKE COUNTY, FL REAL FLORIDA REAL CLOSE	LAKE COUNTY DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		CROSS SECTION	SHEET NO.	
----		----			ROAD			RSO NO.	63
					CITRUS GROVE ROAD			19-0910	
								JOHN R. BURKETT, P.E. LICENSE NO. 40064	
								DATE:	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.