

SHEET INDEX

SHEET 1	COVER PAGE
SHEET 2	PROJECT AREA MAP
SHEET 3	COLUMBUS OVERALL PROJECT AREA
SHEET 4-8	COLUMBUS PLANS
SHEET 9	COLUMBUS SECTIONS
SHEET 10	GERONA PLAN
SHEET 11-12	GERONA SECTIONS

COLUMBUS NOTES:

- THIS PROJECT CONSISTS OF APPROXIMATELY 3,085 LINEAR FEET OF DITCH RE-GRADING.
- ALL PROPOSED GRADES SHOWN ARE FINISHED GRADE.
- CONTRACTOR TO OVER EXCAVATE TO PROVIDE AN ADDITIONAL 2 INCHES FOR SOD.
- ALL EXISTING CONFLICTING VEGETATION SHALL BE CLEARED AND DISPOSED OF.
- 8 FEET OF DITCH BOTTOM TO BE SODDED. THE REMAINDER TO BE SEED & MULCH RESTORATION.

COLUMBUS NOTES:

- THIS PROJECT CONSISTS OF REPAIRING SETTLED CULVERTS. THEY ARE EXISTING RCP PIPE.
- THEY ARE TO BE EXCAVATED AND REMOVED, BEDDING REPLACED, INSPECTED FOR DAMAGE, AND RE-INSTALLED.

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

ORIGINAL SIZE 11"x17"

Important:

The information and design shown on these drawings is based on the best available information provided for design. The drawing is to scale as much as possible; however no measurements should be made by scaling from these drawings as some items may be not to scale for drawing clarity. Any questions or conflicts should be brought to the engineer immediately for clarification or resolution. Polston Engineering Inc. shall not be responsible for any errors made by others caused by making assumptions about the plans or errors caused by scaling the plans. All construction shall follow the accepted safety procedures and construction techniques as required by any applicable government standards.



SUN 'N LAKE
GOLF & RECREATION

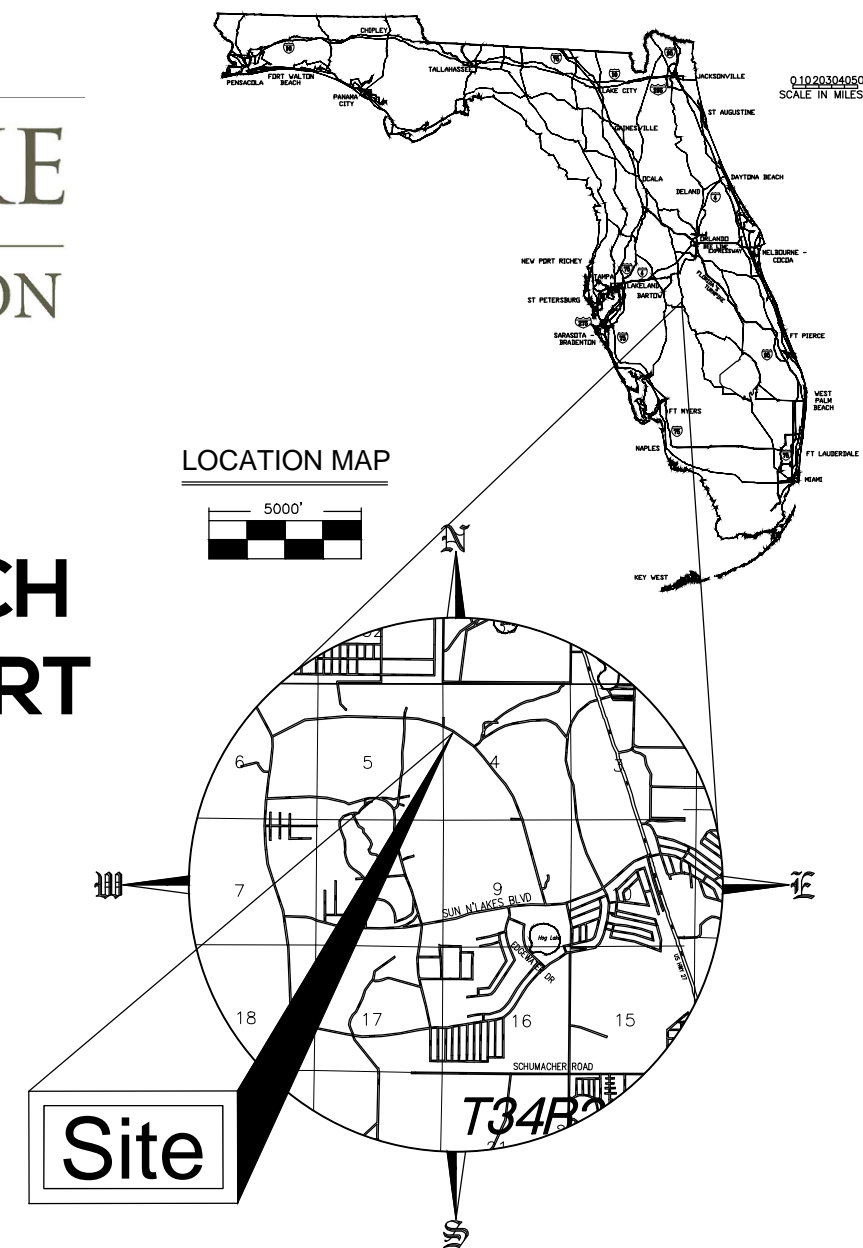
SUN 'N LAKE OF SEBRING
IMPROVEMENT DISTRICT
COLUMBUS BLVD. DITCH
& GERONA AVE. CULVERT
IMPROVEMENTS

PROJECT: COLUMBUS BLVD. DITCH & GERONA AVE. CULVERT DRAINAGE IMPROVEMENTS SEC. 4-5, TWP. 34S, RGE. 28E

ENGINEER: ROGER DALE POLSTON, P.E.
POLSTON ENGINEERING, INC.
P.O. BOX 588
SEBRING, FL 33871-0588
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GENERAL NOTES:

- CONSTRUCTION TO ADHERE TO THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
- CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION AND AVOID ANY CONFLICTS. ANY CONFLICTS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. UTILITIES SHOWN ARE APPROXIMATE ONLY.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES AFFECTED BY THEIR WORK.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CLEARING AND REMOVAL OF EXCESS MATERIAL FROM THE PROJECT.
- A MAINTENANCE OF TRAFFIC PLAN WILL BE REQUIRED FOR ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY. TRAFFIC BARRICADES AND CONES SHOULD BE PLACED PREVENTING TRAFFIC FROM ENTERING THE CONTRACTORS CONSTRUCTION AREA.
- LOCAL TRAFFIC ACCESS MUST BE MAINTAINED THROUGHOUT THE PROJECT.
- ALL TEMPORARY ROAD CLOSURES TO BE COORDINATED WITH DISTRICT STAFF.
- ALL WORK TO BE PERFORMED BY A CONTRACTOR LICENSED IN THE STATE OF FLORIDA.



ALWAYS CALL 811 TWO FULL BUSINESS DAYS BEFORE YOU DIG

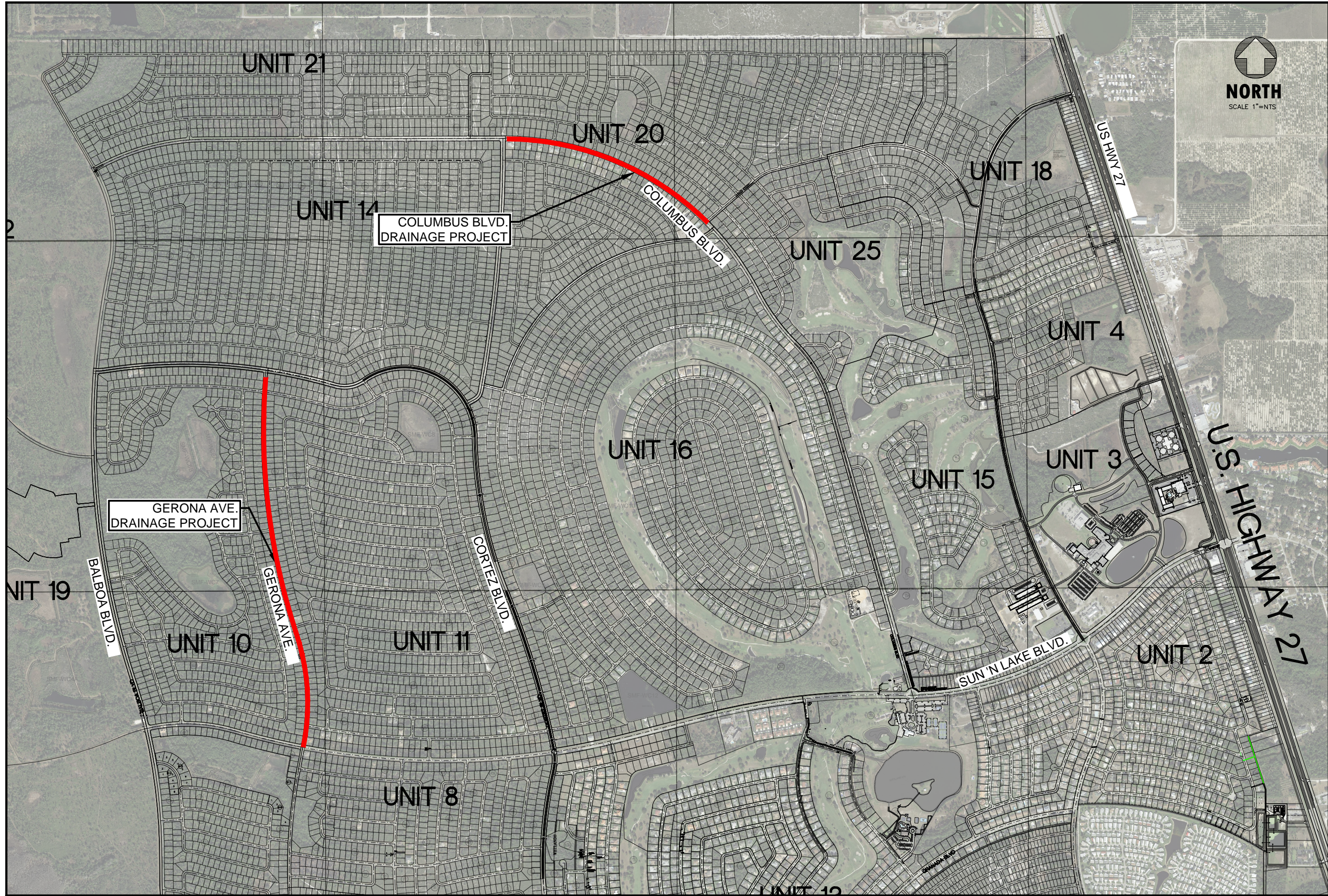


SCALE: 1"= N.T.S.	SHEET: 1 OF 12	JOB #:	16079
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DATE		REMARK	DRJCH

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SUN 'N LAKE OF SEBRING
DRAINAGE IMPROVEMENTS
COLUMBUS BLVD. & GERONA AVE



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SUN 'N LAKE OF SEBRING
 DRAINAGE IMPROVEMENTS
 PROJECT AREA MAP



SUN'N LAKE OF SEBRING
UNIT 20 DRAINAGE IMPROVEMENTS
COLUMBUS BLVD - DITCH RE-GRADING



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**SUN'N LAKE OF SEBRING
UNIT 20 DRAINAGE IMPROVEMENTS
COLUMBUS BLVD - DITCH RE-GRADING**

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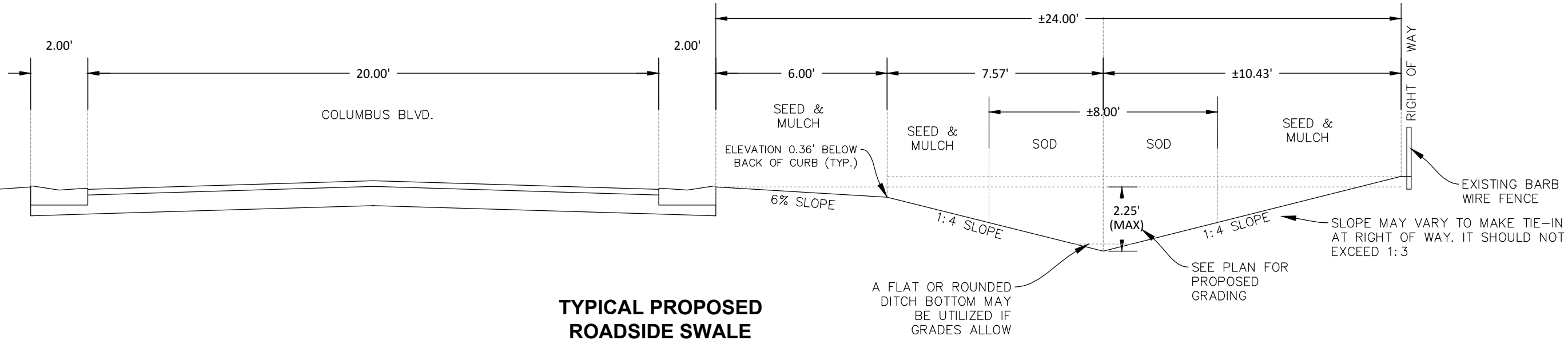
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UNIT 20 DRAINAGE IMPROVEMENTS
COLUMBUS BLVD - DITCH RE-GRADING



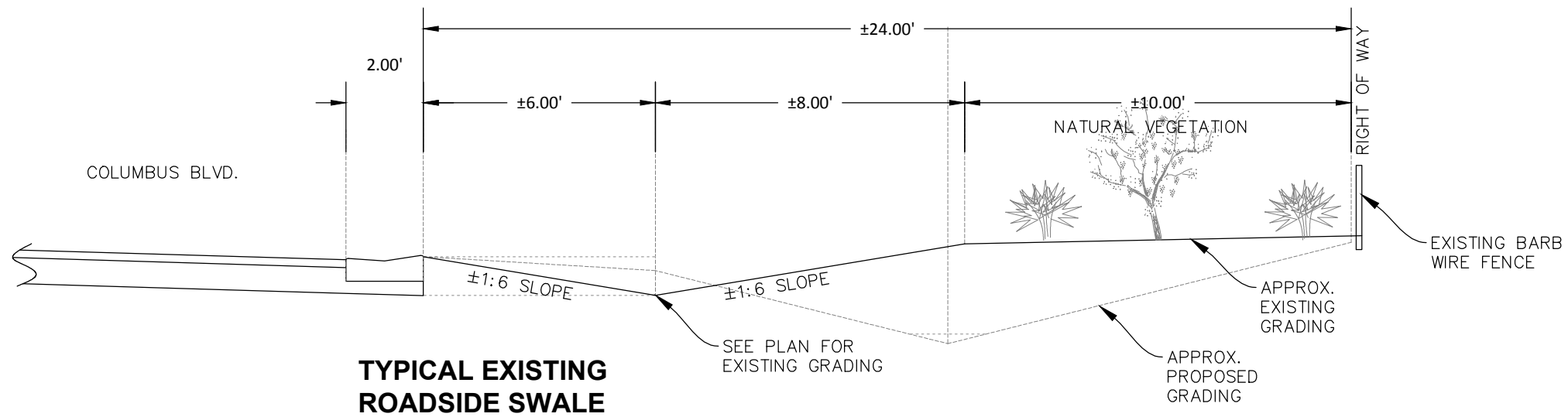
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**TYPICAL PROPOSED
ROADSIDE SWALE
SECTION
(N.T.S.)**



**TYPICAL EXISTING
ROADSIDE SWALE
SECTION
(N.T.S.)**

NOTES:
 -ALL PROPOSED GRADES SHOWN ARE FINISHED GRADE.
 -CONTRACTOR TO OVER EXCAVATE TO PROVIDE AN ADDITIONAL 2 INCHES FOR SOD.
 -ALL EXISTING CONFLICTING VEGETATION SHALL BE CLEARED AND DISPOSED OF.

SCALE: 1" = N.T.S.	SHEET: 9 OF 12	JOB #: 16079
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**SUN'N LAKE OF SEBRING
 UNIT 20 DRAINAGE IMPROVEMENTS
 COLUMBUS BLVD - DITCH RE-GRADING**



10

-WC7
THIS AREA HAS BEEN REPLATED
PORTIONS OF THIS
MAY BE INCORRECT

SUN'N LAKE OF SEBRING
DRIANAGE IMPROVEMENTS
GERONA - PLAN SHEET



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SCALE: 1"=300'

SHEET: 10 OF 12

JOB #: 16079

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DITCH NOTES:

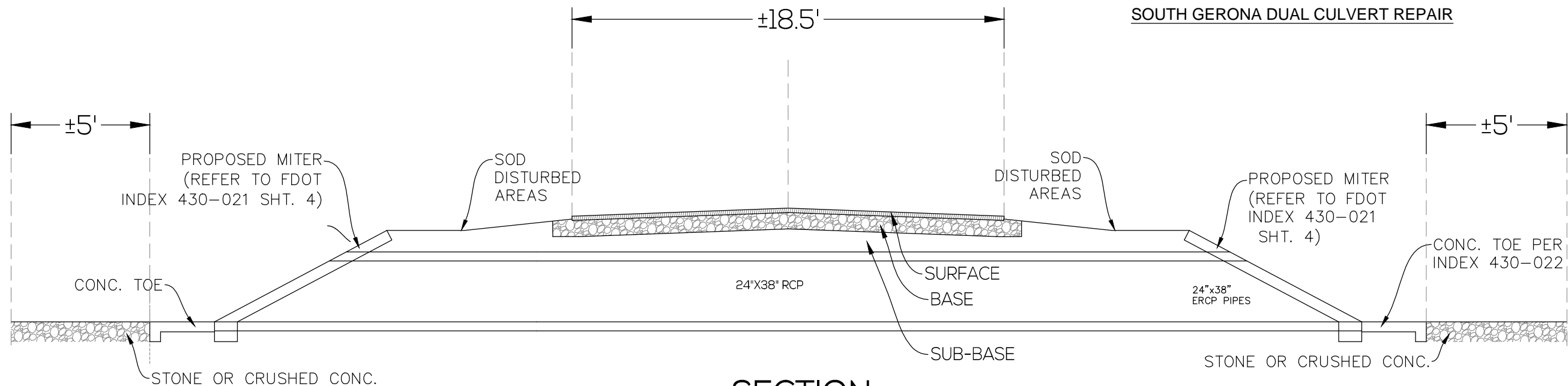
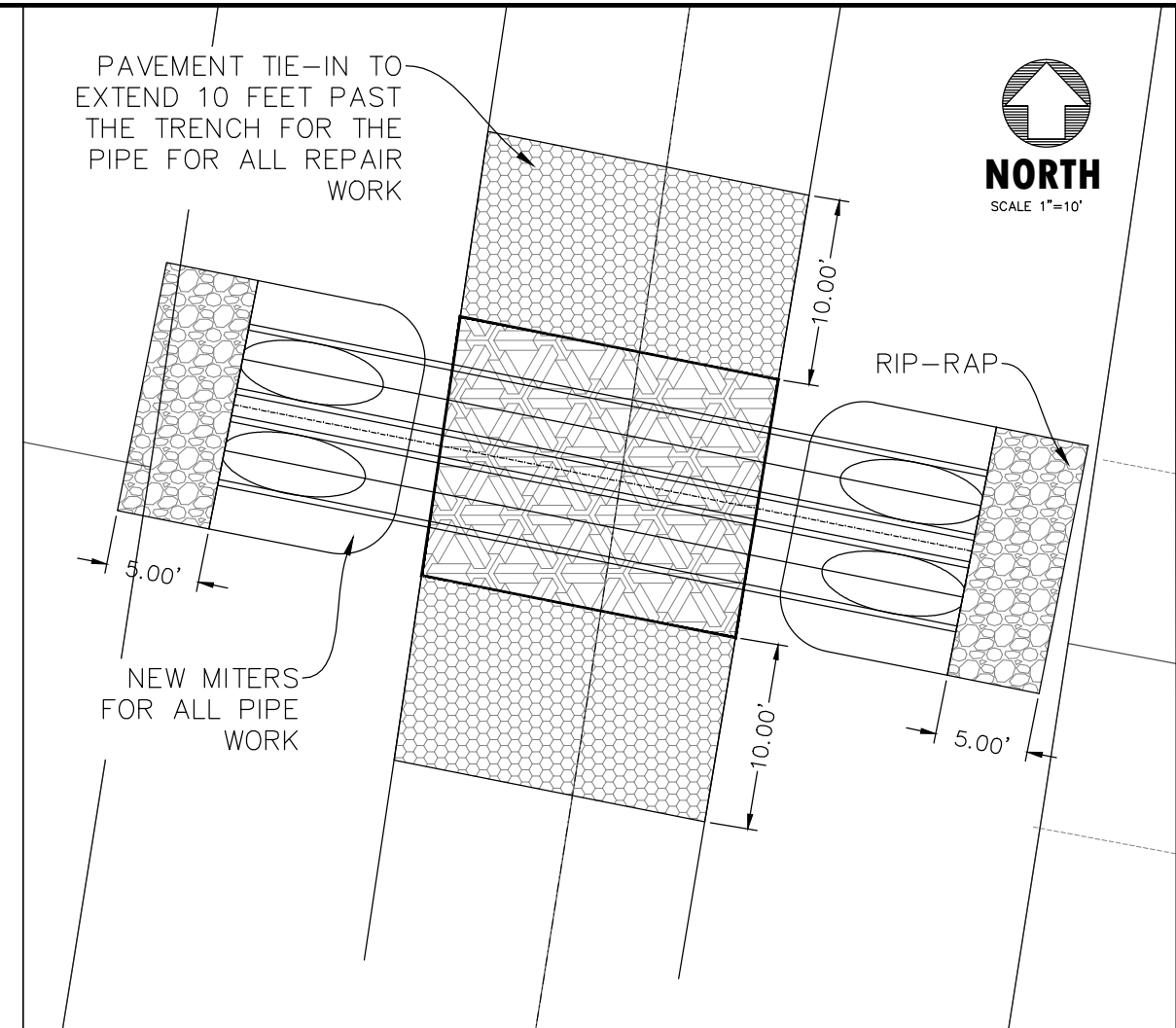
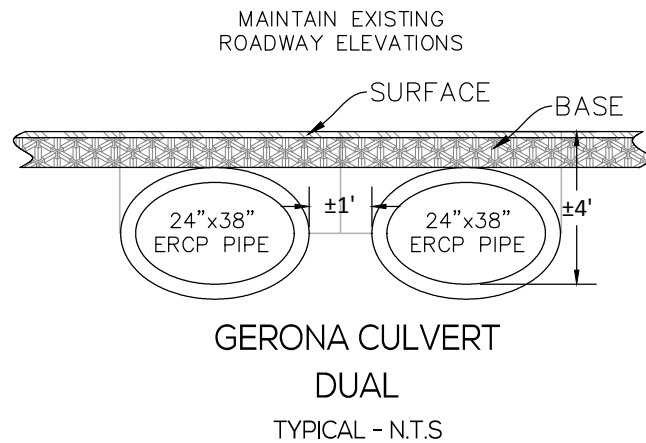
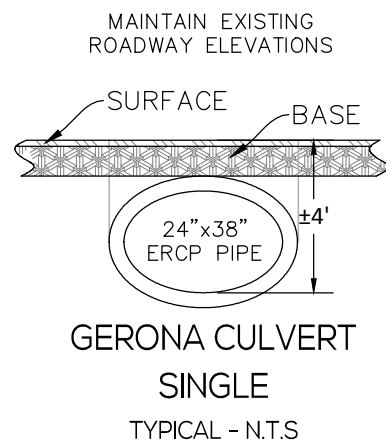
- ALL DISTURBED AREAS TO BE SODDED WITH BAHIA SOD IF NOT IN A RIP-RAP LOCATION.
- SIDE SLOPES TO BE 1:3 MAX, 1:4 PREFERRED IF AREA ALLOWS.
- DITCH BOTTOM 4-6" SIZED STONE/CRUSHED CONCRETE 8-12" THICK (WHERE SHOWN, OTHERWISE SOD)
- ALL RIP-RAP TO HAVE GEO-TEXTILE MATERIAL PLACED UNDER PRIOR TO INSTALLATION OF RIP-RAP ROCKS/STONE, MIRAFI 140N OR EQUIVALENT.

RESTORATION NOTES:

- ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITIONS.
- RESTORATION MAY INCLUDE, BUT NOT LIMITED TO, GRADING, AND SODDING.
- ANY DAMAGE TO THE ROADWAY FROM CONTRACTORS WORK WILL BE REPAIRED BY THE CONTRACTOR.

CULVERT NOTES:

- EXISTING SETTLED PIPES TO BE REMOVED AND INSPECTED FOR DAMAGE. THEY ARE TO BE RE-USED IF IN GOOD CONDITION. IF ANY DAMAGE EXISTS, DISTRICT STAFF OR DISTRICT ENGINEER TO INSPECT AND APPROVE OF REPLACEMENT.
- AT THE TIME OF DESIGN, THE CULVERTS WERE PARTIALLY SUBMERGED. DEWATERING WILL BE REQUIRED TO ACHIEVE COMPACTION.
- REFER TO FDOT INDEX 125-001 PAGE 1 & FDOT SPEC BOOK SECTION 430 FOR DETAILS ON PIPE INSTALLATION AND ROAD CUT. THE BEDDING AND BACKFILL MUST BE PROPERLY COMPACTED WITH ADEQUATE MATERIAL.
- ALL PIPE JOINTS TO BE WRAPPED WITH GEO-TEXTILE FABRIC ACCORDING TO FDOT INDEX 430-001.
- ROAD MATERIAL SPECIFICATIONS:
 SURFACE: 2" TYPE SP-9.5 ASPHALT
 BASE: 10" LIMEROCK OR SHELLROCK, 98% DENSITY, LBR 100 (AASHTO T180, LIMEROCK BEARING RATIO)
 SUB-BASE: STABILIZED, 98% DENSITY, FBV 60 PSI
- PAVEMENT JOINT BETWEEN NEW AND EXISTING TO EITHER BE SAW CUT OR MILLED AND OVERLAID AT THE JOINT.



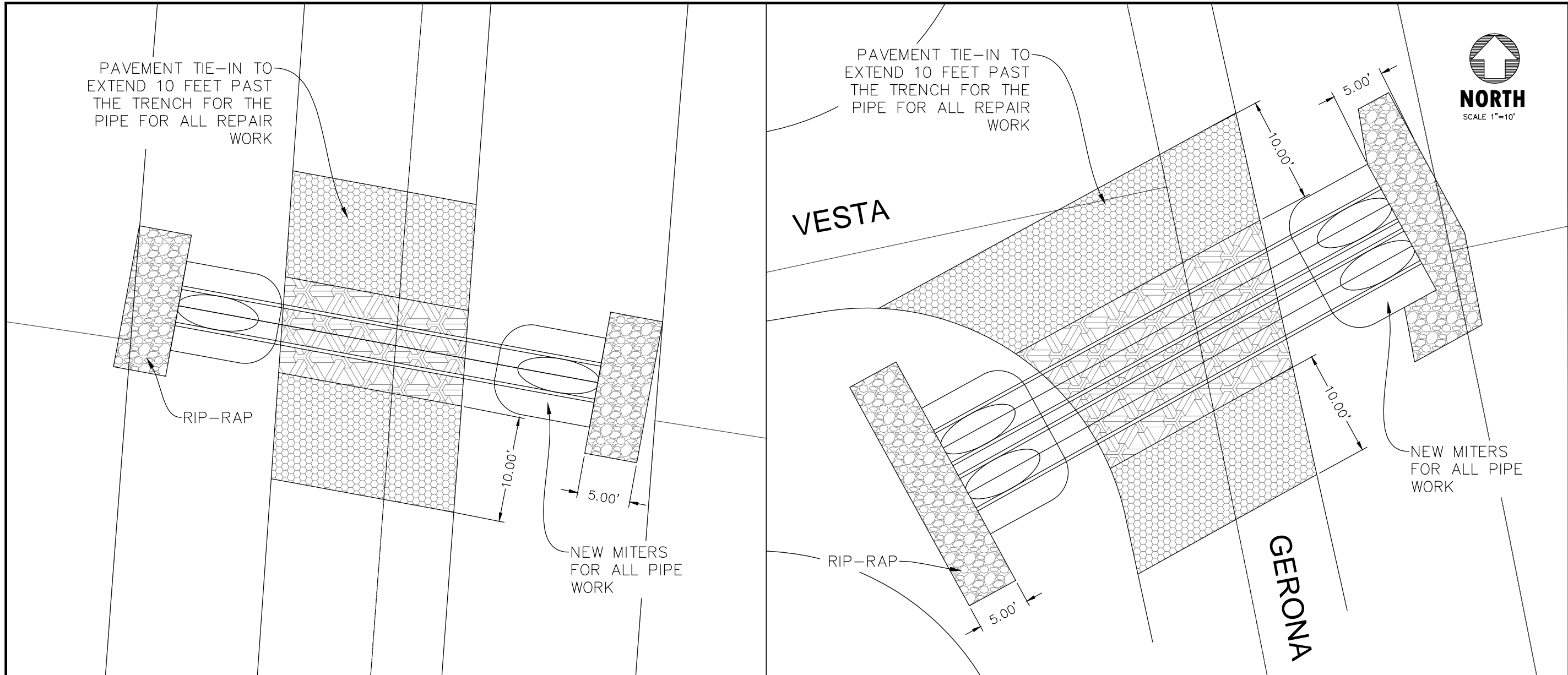
- MITER NOTES:**
- REFER TO FDOT INDEX 430-021 SHEET 4 FOR MITER DETAIL, GRATE IS NOT REQUIRED.
 - MITER SLOPE IS INTENDED TO BE 1:2 BUT MAY VARY FROM FDOT INDEX TO FIT AVAILABLE AREA.

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SUN'N LAKE OF SEBRING
 DRAINAGE IMPROVEMENTS
 GERONA - SECTIONS



NORTH GERONA SINGLE CULVERT REPAIR

VESTA & GERONA DUAL CULVERT REPAIR

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SUN'N LAKE OF SEBRING
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GERONA - DETAILS