

COMPONENTS OF CONTRACT PLANS SET
ROADWAY PLANS

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

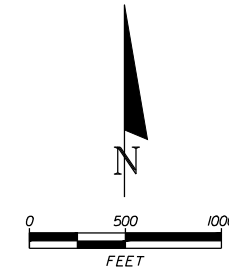
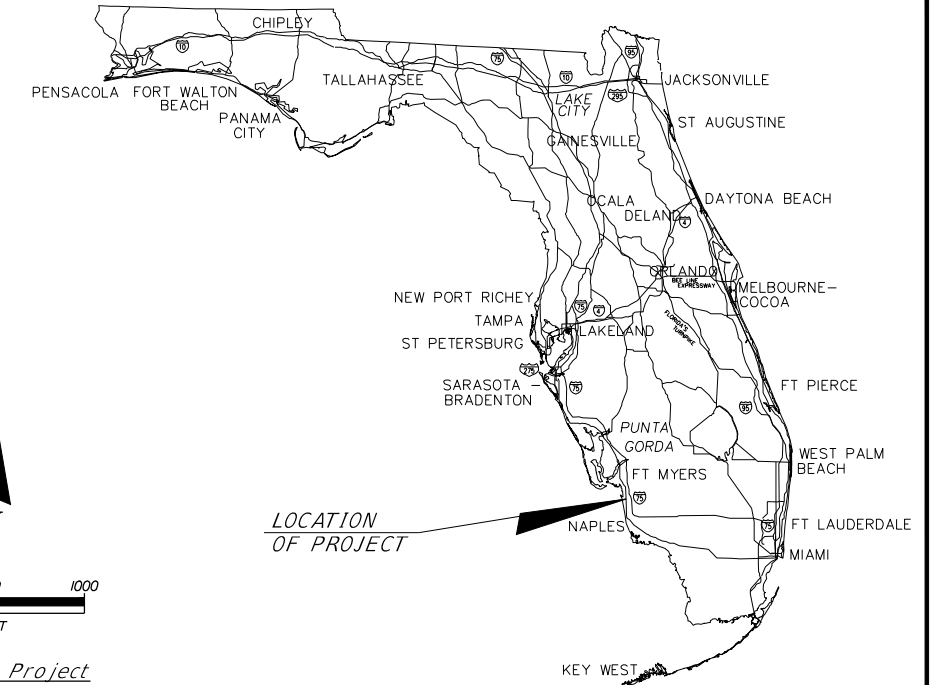
VILLAGE OF ESTERO
CONTRACT PLANS

WILLIAMS ROAD
TURN LANE IMPROVEMENTS
& BUFFER BIKE LANES

VILLAGE OF ESTERO PROJECT NO.
LEE COUNTY, FLORIDA

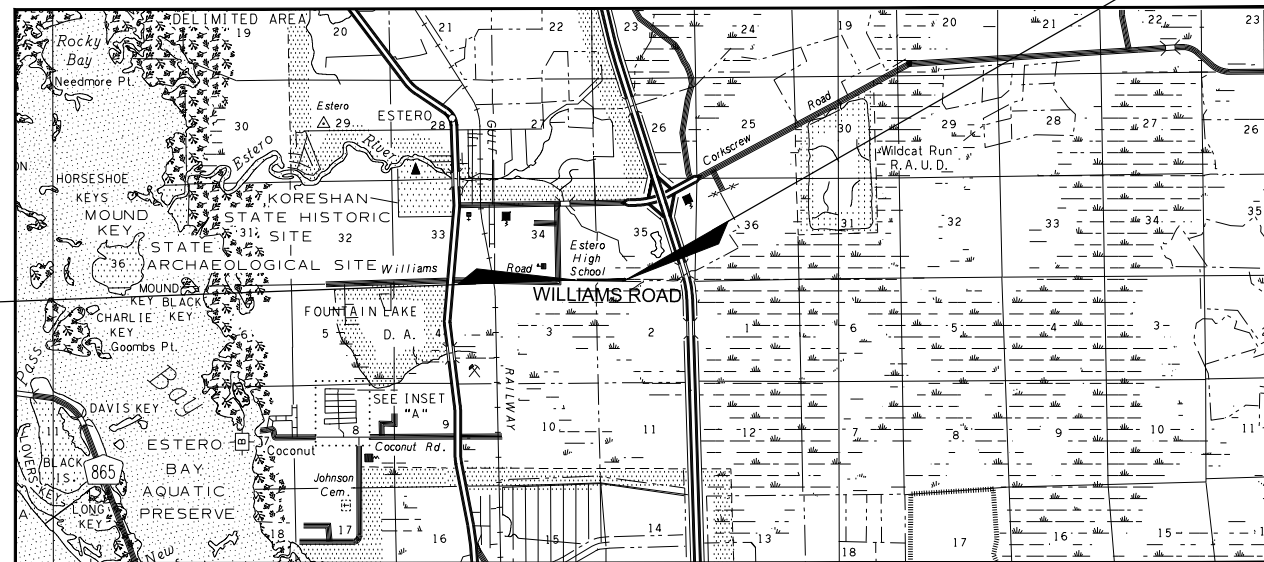
INDEX OF ROADWAY PLANS

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Ending of Project
STA. 58+95.00

Beginning of Project
STA. 40+89.98



REVISIONS:

THIS DOCUMENT HAS BEEN
DIGITALLY SIGNED AND SEALED BY:

ROADWAY PLANS
ENGINEER OF RECORD:

Robert L. Murray, P.E.
P.E. NO.: 35826



6200 Whiskey Creek Dr.
Fort Myers, FL 33919
Phone: (239) 985-1200
Florida Certificate of
Authorization No.1772

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED.
THE SIGNATURE MUST BE VERIFIED ON
THE ELECTRONIC DOCUMENTS.

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR
THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

KEY SHEET REVISIONS	
DATE	DESCRIPTION
#	#
#	#
#	#
#	#
#	#
#	#
#	#

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

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2019-20 Design Standards 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>

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, Jan. 2019 Standard Specifications
for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/implemented/SpecBooks>

FINAL PLANS
10/23/2019

FISCAL YEAR	SHEET NO.
19	1

H:\2018\2018081\DWG\TRA\SHEET FILES\2018081 - Summary of Pay Items.dwg Tab: PLS Oct 24, 2019 - 3:31pm Plotted by: Kevr Payne

PROJECT SUMMARY OF PAY ITEMS			
ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-10-3	SEDIMENT BARRIER	LF	4290
110-1-1	CLEARING AND GRUBBING	AC	3.0100
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	261
120-1	REGULAR EXCAVATION	CY	1158
120-6	EMBANKMENT	CY	580
160-4	TYPE B STABILIZATION	SY	5967
285-706	OPTIONAL BASE, BASE GROUP 6	SY	153
285-707	OPTIONAL BASE, BASE GROUP 7	SY	4610
327-70-1	MILLING EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)	SY	5461
331-2-1	ASPHALTIC CONCRETE S-1	TN	494
331-2-2	ASPHALTIC CONCRETE S-3	TN	603
520-3	2.0' VALLEY GUTTER	LF	77
520-70	CONCRETE TRAFFIC SEPERATOR, SPECIAL-VARIABLE WIDTH	SY	24
522-2	CONCRETE SIDEWALK, 6" THICK	SY	234
527-2	DETECTABLE WARNING (INSET/WET SET TYPE)	SF	64
570-1-2	PERFORMANCE TURF, SOD	SY	4130
SP-1	COURSE AGGREGATE	LS	1

NOTE: SP-1 COMPLETE INSTALLATION OF A 3'X3'X4" DEEP, #2 COURSE AGGREGATE (INCLUDING FILTER FABRIC, DIRT REMOVAL, ETC.)

PROJECT SUMMARY OF PAY ITEMS			
ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY
700-1-11	SINGLE POST SIGN, F & I, GROUND MOUNT, UP TO 12 SF.	AS	2
700-1-50	SINGLE POST SIGN, RELOCATE	AS	1
700-1-60	SINGLE POST SIGN, REMOVE, GROUND MOUNTED	AS	2
705-11-1	DELINEATOR, FLEXIBLE MOUNT	EA	1
706-3	RETRO-REFLECTIVE PAVEMENT MARKER	EA	247
710-11-19	ISLAND NOSING, PAINT, WHITE	SF	7
711-11-101	THERMOPLASTIC, STD, WHITE, SOLID 6"	GM	0.8400
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF	282
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	LF	47
711-11-201	THERMOPLASTIC, STD, YELLOW, SOLID, 6"	GM	1.0900
711-11-224	THERMOPLASTIC, STD, YELLOW, SOLID, 18"	LF	404
711-14-170	THERMOPLASTIC, PREFORMED WHITE, ARROW	EA	15

NUMBER	REVISIONS	DATE



**WILLIAMS ROAD
TURN LANE & PAVED
SHOULDER IMPROVEMENTS**

DESIGNED BY: RLM	DATE: 05/29/2019
DRAWN BY: KLP	DATE: 05/29/2019
CHECKED BY: RLM	DATE: 05/29/2019
VERTICAL SCALE:	HORIZONTAL SCALE:



ROBERT L. MURRAY, P.E.
P.E. NO.: 35826
HOLE MONTES, INC.
6200 WHISKEY CREEK DRIVE
FORT MYERS, FL. 33919
CERTIFICATE OF AUTHORIZATION NO.1772

**SUMMARY OF
PAY ITEMS**

REFERENCE NO. 18081	DRAWING NO. SPP-1
PROJECT NO. 2018081	SHEET NO. 2

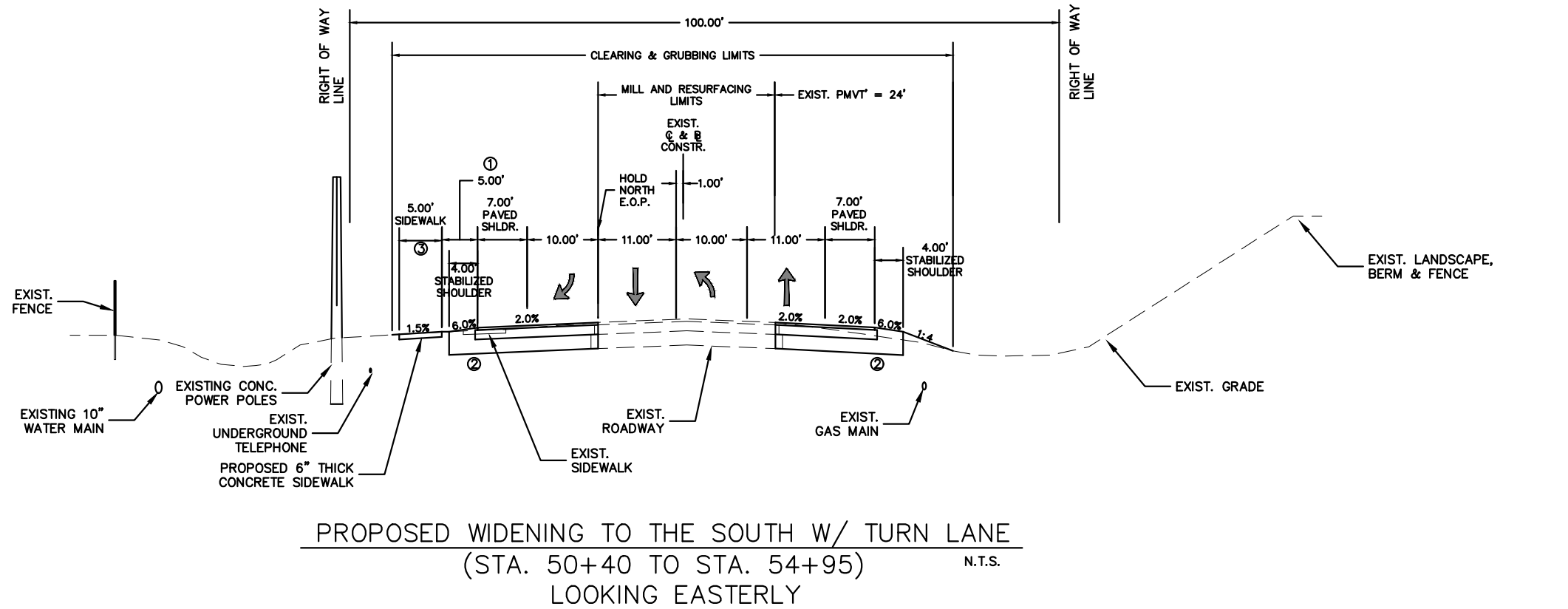
MILLING:
MILL EXISTING ASPHALT PAVEMENT (1" AVERAGE DEPTH)

RESURFACING:
WEARING COURSE TYPE S-3 (1")

WIDENING: WILLIAMS ROAD
1" WEARING COURSE TYPE S-3
2" STRUCTURAL COURSE TYPE S-1
8.5" (BASE GROUP 7) LIMEROCK BASE (LBR 100)
12" TYPE 'B' STABILIZATION (LBR 40)

WIDENING: SCHOOL ENTRANCE
3/4" WEARING COURSE TYPE S-3
1-1/4" STRUCTURAL COURSE TYPE S-1
8" (BASE GROUP 6) LIMEROCK BASE (LBR 100)
12" TYPE 'B' STABILIZATION (LBR 40)*
*EXTEND STABILIZED SUBGRADE TO 4 FEET MINIMUM OUTSIDE E.O.P.

- ① TRANSITION TO 2.0' AT APPROACH TO DRIVEWAYS
- ② BASE MATERIAL TO EXTEND 6" BEYOND EDGE OF PAVEMENT
- ③ SIDEWALK AREA WHEN CROSSING DRIVEWAYS SHALL NOT EXCEED ADA LIMITS OF 2% CROSS SLOPE

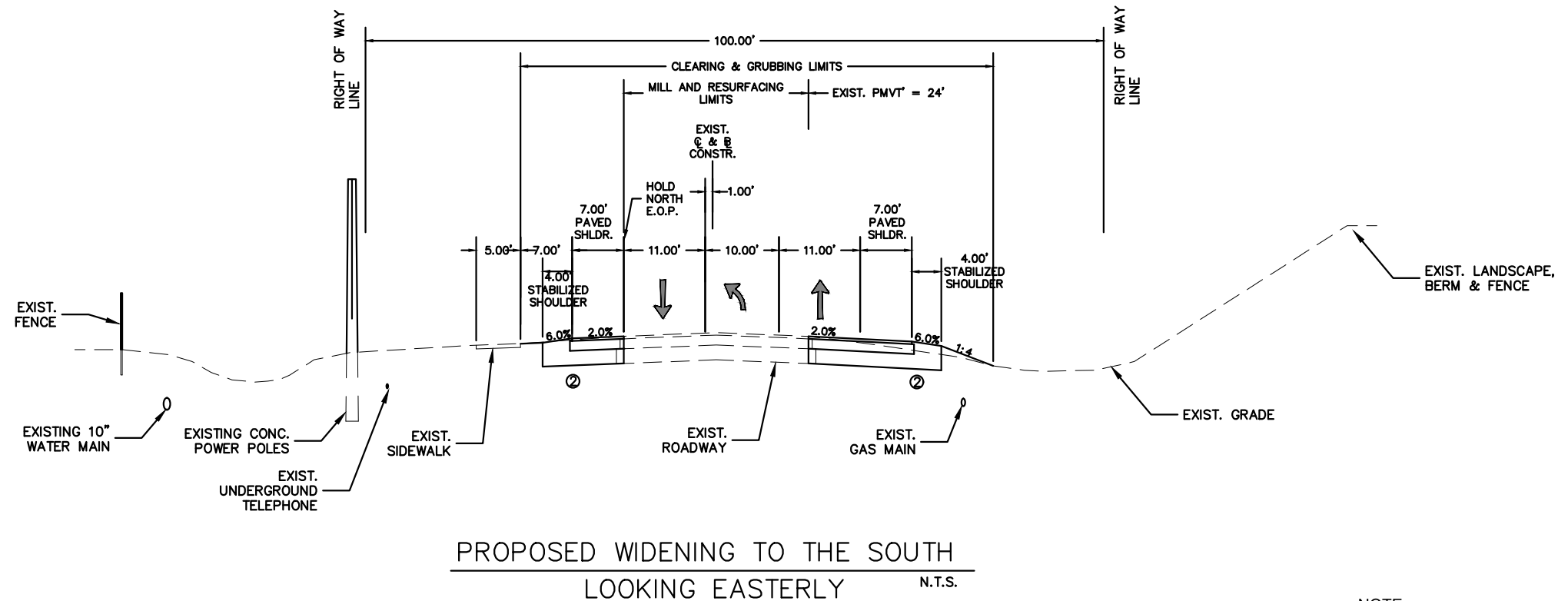


SILT FENCE NOTE:

INSTALL STAKED TEMPORARY SILT FENCE THROUGH PROJECT LIMITS PER FDOT SPEC. 104-6.4 AND FDOT INDEX 102.

SILT FENCE TO BE ON THE NORTH R/W LINE. AT SCHOOL ENTRANCES, ±STA. 50+00 AND ±STA. 53+00, EXTEND SILT FENCE TO SCHOOL FENCE LINE.

ON SOUTH SIDE, INSTALL SILT FENCE AT ±40' RT. AT ±STA. 51+42 RT., INSTALL STAKED FILTER FABRIC OR HAY BALES FOR PROTECTION OF THE EXIST. 14" X 23" RCP DRAINAGE PIPE.



NOTE:
POSTED & DESIGN SPEED 45 MPH
ALL DISTURBED AREA'S TO BE SODDED

H:\2018\2018081\DWG\TR\SHEET FILES\2018081 TYPICAL SECTIONS.dwg Job: TYP SECTION Oct. 22, 2019 - 5:03pm Plotted by: Kevin Payne

NUMBER	REVISIONS	DATE



**WILLIAMS ROAD
TURN LANE & PAVED
SHOULDER IMPROVEMENTS**

DESIGNED BY: RLM	DATE: 05/29/2019
DRAWN BY: KLP	DATE: 05/29/2019
CHECKED BY: RLM	DATE: 05/29/2019
VERTICAL SCALE:	HORIZONTAL SCALE:



ROBERT L. MURRAY, P.E.
P.E. NO.: 35826
HOLE MONTES, INC.
6200 WHISKEY CREEK DRIVE
FORT MYERS, FL. 33919
CERTIFICATE OF AUTHORIZATION NO.1772

TYPICAL SECTION
FINAL PLANS 10/23/19

REFERENCE NO. 18081	DRAWING NO. TYP
PROJECT NO. 2018081	SHEET NO. 3

GENERAL NOTES:

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO EXCAVATION AS REQUIRED BY CHAPTER 77-153 OF THE FLORIDA STATUTES.
3. CONTRACTOR SHALL FIELD VERIFY THE EXISTING PAVEMENT ELEVATIONS OF ALL DRIVEWAYS AND SIDEWALKS TO ENSURE THE PROPOSED IMPROVEMENTS MATCH EXISTING ELEMENTS AT CONNECTION.
4. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON RECORDS AND SURVEYS AVAILABLE DURING PLAN DEVELOPMENT, BUT IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES, AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY LOCATES PRIOR TO AND DURING ANY CONSTRUCTION ACTIVITIES, AS WELL AS ANY COORDINATION OF UTILITY RELOCATION NECESSARY WITHIN THE PROJECT CONSTRUCTION. CONTRACTOR SHALL VERIFY DEPTH OF ALL EXISTING UTILITY MAINS AND ENSURE THAT THE MINIMUM COVERAGE TO THE TOP OF PIPE WILL BE MAINTAINED.
5. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.

6. UTILITY / AGENCY OWNERS:

COMPANY	CONTACT	PHONE No.
FP&L	Michael Martinez	239-353-6047
FIBERNET DIRECT	Danny Haskett	786-246-7827
COMCAST	Mark Cook	239-432-1805
TECO PEOPLES GAS	Marilyn Aloï	239-690-5517
CENTURY LINK	James Nottingham	239-336-2035
LEE COUNTY UTILITIES	William Boone	239-693-2992
CROWN CASTLE	Rebecca Caldwell	724-416-9917

7. SOD ALL DISTURBED AREAS UNLESS OTHERWISE DIRECTED. SOD SHALL MATCH EXISTING TYPE SOD UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SEED AND MULCH IS NOT ACCEPTABLE IN RIGHT-OF-WAY. SHOULDER SODDING SHALL BE PLACED 1" BELOW EDGE OF PAVEMENT IN ACCORDANCE WITH FDOT INDEX # 105.
8. UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED APPURTENANCES (I.E. VALVE BOXES, METER BOXES, PULL BOXES, MANHOLES, ETC.) MEANT TO BE FLUSH WITH FINISHED GRADE.
9. ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS. COST TO BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.
10. UNLESS OTHERWISE NOTED, ALL REMOVED MATERIAL (EXCEPT FOR SIGNS) SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE TO BE APPROPRIATELY DISPOSED OF IN AREAS PROVIDED BY THE CONTRACTOR.
11. ALL EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE RIGHT-OF-WAY SHALL REMAIN, UNLESS OTHERWISE DIRECTED.
12. ALL P.R.M.'S SHOWN ON PLANS, OR FOUND, SHALL BE PRESERVED IN A PERMINENT MANNER.

13. ANY U.S.C. & G.S. MONUMENTS (I.E. PUBLIC LAND CORNERS) WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED, AND IF IN DANGER OF DAMAGE, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE STATE GEODETIC ADVISOR, 3900 COMMONWEALTH BOULEVARD, TALLAHASSEE, FL, (850)245-2606. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO MARKERS AND SHALL REPLACE AT CONTRACTOR'S EXPENSE IF DAMAGED.
14. CONTRACTOR SHALL COOPERATE WITH THE OWNERS DESIGNATED REPRESENTATIVE(S) AT ALL TIMES WITH RESPECT TO SAMPLING, TESTING, AND INSPECTIONS.
15. SIGN LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED AND NOTED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.
16. ALL STATION/OFFSETS SHOWN ARE TO THE BASELINE OF CONSTRUCTION UNLESS OTHERWISE SPECIFIED. NO OTHER PROJECT CONTROL INFORMATION OTHER THAN THAT SHOWN IN THESE PLANS WILL BE PROVIDED. PRIOR TO FIRST APPLICATION FOR PAYMENT, THE CONTRACTOR SHALL STAKE THE RIGHT OF WAY AT 100 FEET WHOLE-STATION INTERVALS (WITH STATIONING SHOWN ON THE STAKES).
17. WITH EXCEPTION OF MAILBOXES, ALL PERSONAL PROPERTY WITHIN THE RIGHT-OF-WAY THAT IS NOT RELOCATED BY THE PROPERTY OWNER SHALL BE REMOVED BY THE CONTRACTOR AS NECESSARY TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE PLANS.
18. CONTRACTOR IS TO MAINTAIN UNINTERRUPTED ACCESS TO ALL DRIVEWAYS AT ALL TIMES AND IS TO NOTIFY PROPERTY OWNERS FIVE (5) DAYS PRIOR TO STARTING CONSTRUCTION ADJACENT TO THEIR INDIVIDUAL PROPERTIES.
19. ACCESS TO INTERSECTING SIDE STREETS SHALL BE MAINTAINED AT ALL TIMES.
20. CONTRACTOR SHALL PERFORM WORK IN ACCORDANCE WITH REQUIREMENTS OF FDOT STANDARD SPECIFICATIONS, SECTION 104 - PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION. ENVIRONMENTAL CONTROLS SHALL BE USED AT LOCATIONS DESIGNATED IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PROVIDED IN THESE PLANS AND/OR APPROVED BY THE ENGINEER.
21. IN LOCATIONS WHERE EXISTING ASPHALT IS TO BE SAWCUT OR CURBING IS TO BE REMOVED / REPLACED WITH NEW CURB OR CURB & GUTTER, CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THE EXISTING TRAVEL LANES THROUGH THE DURATION OF THE PROJECT, AND SHALL BE REQUIRED TO REPAIR ANY PAVEMENT THAT IS DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE OWNER, WHICH COULD ENTAIL MILLING/RESURFACING AND/OR FULL DEPTH RECONSTRUCTION OF THE PAVEMENT SECTION DEPENDING UPON THE LEVEL OF DAMAGE THAT MAY OCCUR.
22. CONTRACTOR SHALL NOT CREATE A PUBLIC NUISANCE INCLUDING, BUT NOT LIMITED TO, ENCROACHMENT ON ADJACENT LANDS, FLOODING OF ADJACENT LANDS, OR EXCESSIVE NOISE. SOUND LEVELS SHALL NOT EXCEED 65 DBA 7 A.M. TO 10 P.M., OR 60 DBA FROM 10 P.M. TO 7 A.M. WHEN PERMITTED TO WORK AT NIGHT. THIS SOUND LEVEL SHALL BE MEASURED AT THE EXTERIOR OF THE NEAREST EXTERIOR WALL OF THE NEAREST RESIDENCE. LEVELS AT THE EQUIPMENT SHALL NOT EXCEED 85 DBA AT ANY TIME. SOUND LEVELS IN EXCESS OF THESE VALUES ARE SUFFICIENT CAUSE TO HAVE THE WORK HALTED UNTIL EQUIPMENT CAN BE QUIETED TO THESE LEVELS. WORK STOPPAGE BY THE ENGINEER OR OWNER FOR EXCESSIVE NOISE SHALL NOT RELIEVE THE CONTRACTOR OF THE COMPLETION DATES AND BID AMOUNTS, AND NO ADDITIONAL COMPENSATION OR SCHEDULE EXTENSIONS WILL BE PROVIDED FOR TIME LOST DUE TO WORK STOPPAGE RESULTING FROM THE CREATION OF A PUBLIC NUISANCE.

23. WHEN NOTED FOR REMOVAL IN THESE PLANS, EXISTING TREES SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR, INCLUDING LIMBS, TRUNKS, AND THEIR ROOT SYSTEM(S). CONTRACTOR SHALL USE CAUTION WHEN REMOVING EXISTING TREES IN ORDER TO AVOID DAMAGE TO OTHER ELEMENTS THAT MAY BE IN CLOSE PROXIMITY, SUCH AS FENCES OR OTHER PRIVATE PROPERTY, EXISTING UTILITIES, OTHER TREES, ETC. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE CAUSED, AND NO ADDITIONAL COMPENSATION SHALL BE PROVIDED TO RESTORE ITEMS THAT ARE DAMAGED DURING CONSTRUCTION. IN LOCATIONS WHERE SUBSTANTIAL ROOT SYSTEMS ARE ENCOUNTERED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL CONTACT THE PUBLIC WORKS DIRECTOR TO DETERMINE WHETHER OR NOT PORTIONS OF EXISTING ROOT SYSTEMS WILL BE PERMITTED TO REMAIN IN THE GROUND IN ORDER TO AVOID DISRUPTION OF EXISTING UTILITIES.

24. REFER TO SHEET 23 FOR SIGNING AND MARKING GENERAL NOTES.

H:\2018\2018081\DWG\TRASH\GENERAL NOTES.dwg Tab: GEN01 Oct 22, 2019 - 5:07pm Plotted by: Kevin Payne

NUMBER	REVISIONS	DATE



**WILLIAMS ROAD
TURN LANE & PAVED
SHOULDER IMPROVEMENTS**

DESIGNED BY: RLM	DATE: 05/29/2019
DRAWN BY: KLP	DATE: 05/29/2019
CHECKED BY: RLM	DATE: 05/29/2019
VERTICAL SCALE:	HORIZONTAL SCALE:



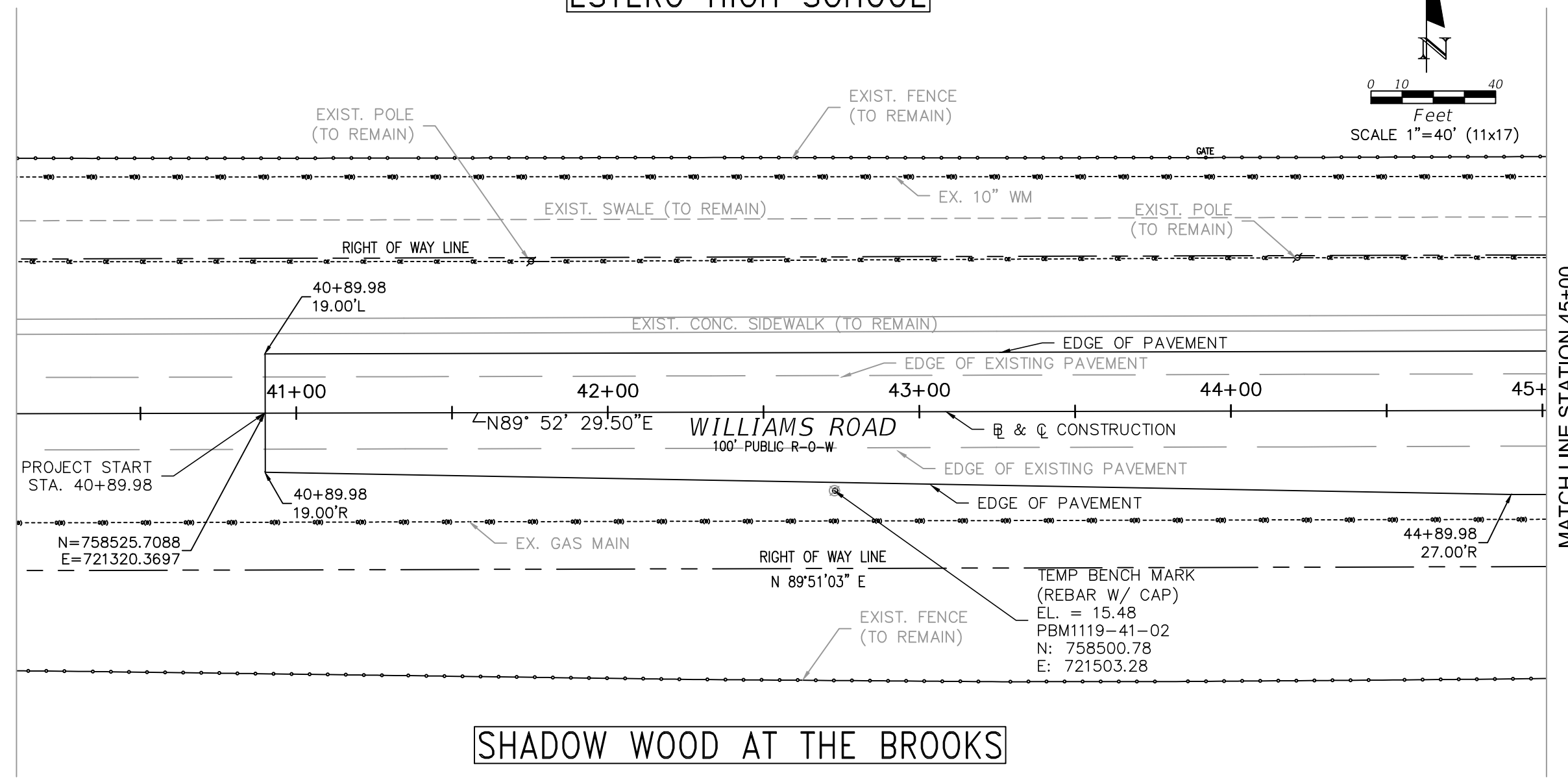
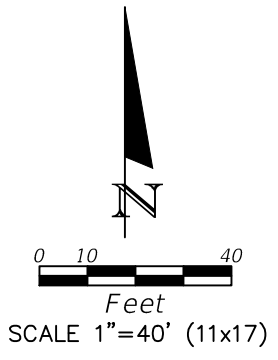
ROBERT L. MURRAY, P.E.
P.E. NO.: 35826
HOLE MONTES, INC.
6200 WHISKEY CREEK DRIVE
FORT MYERS, FL. 33919
CERTIFICATE OF AUTHORIZATION NO.1772

GENERAL NOTES

FINAL PLANS 10/23/19

REFERENCE NO. 18081	DRAWING NO. GN-1
PROJECT NO. 2018081	SHEET NO. 5

ESTERO HIGH SCHOOL



SHADOW WOOD AT THE BROOKS


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NUMBER	REVISIONS	DATE



WILLIAMS ROAD
TURN LANE & PAVED
SHOULDER IMPROVEMENTS

DESIGNED BY: RLM	DATE: 05/29/2019
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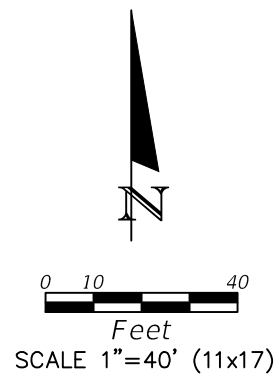
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ROADWAY PLAN SHEET

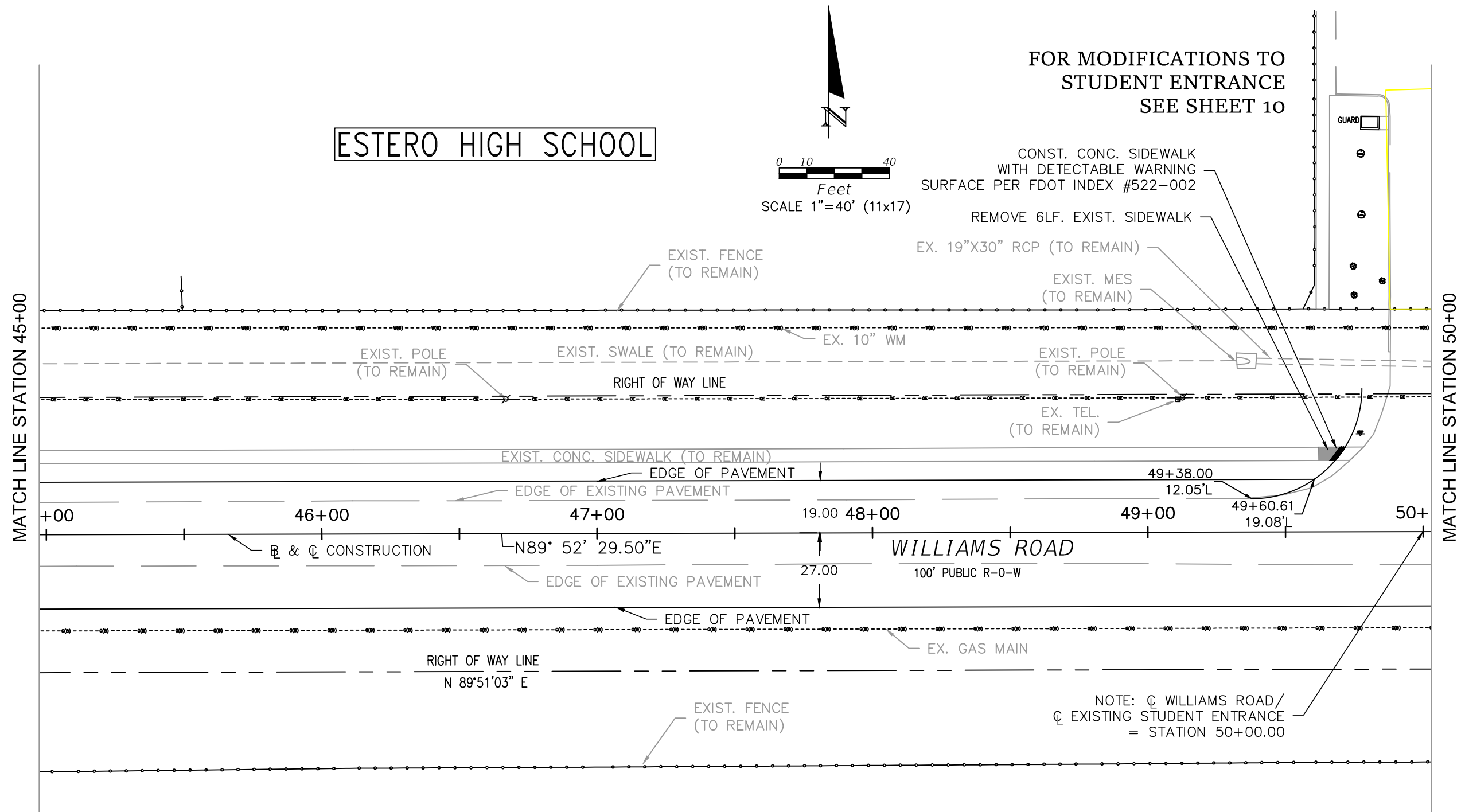
FINAL PLANS 10/23/19

REFERENCE NO. 18081	DRAWING NO. PLAN-1
PROJECT NO. 2018081	SHEET NO. 6

ESTERO HIGH SCHOOL



FOR MODIFICATIONS TO
STUDENT ENTRANCE
SEE SHEET 10



SHADOW WOOD AT THE BROOKS

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NUMBER	REVISIONS	DATE



**WILLIAMS ROAD
TURN LANE & PAVED
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HM
HOLE MONTES
ENGINEERS • PLANNERS • SURVEYORS

ROBERT L. MURRAY, P.E.
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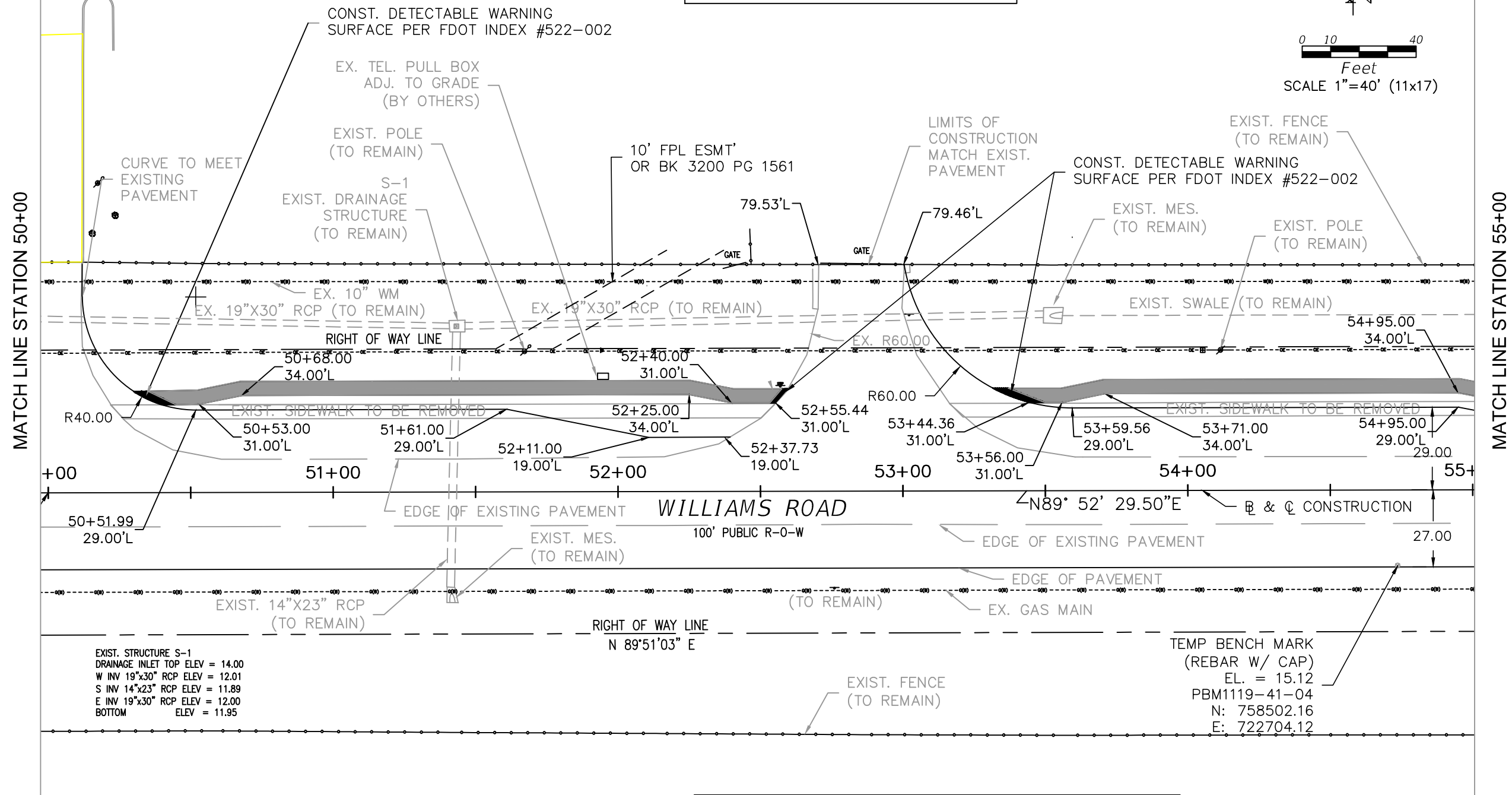
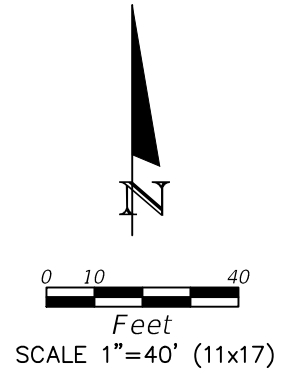
ROADWAY PLAN SHEET

FINAL PLANS 10/23/19

REFERENCE NO. 18081	DRAWING NO. PLAN-1
PROJECT NO. 2018081	SHEET NO. 7

FOR MODIFICATIONS TO
STUDENT ENTRANCE
SEE SHEET 10

ESTERO HIGH SCHOOL



SHADOW WOOD AT THE BROOKS

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NUMBER	REVISIONS	DATE



**WILLIAMS ROAD
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SHOULDER IMPROVEMENTS**

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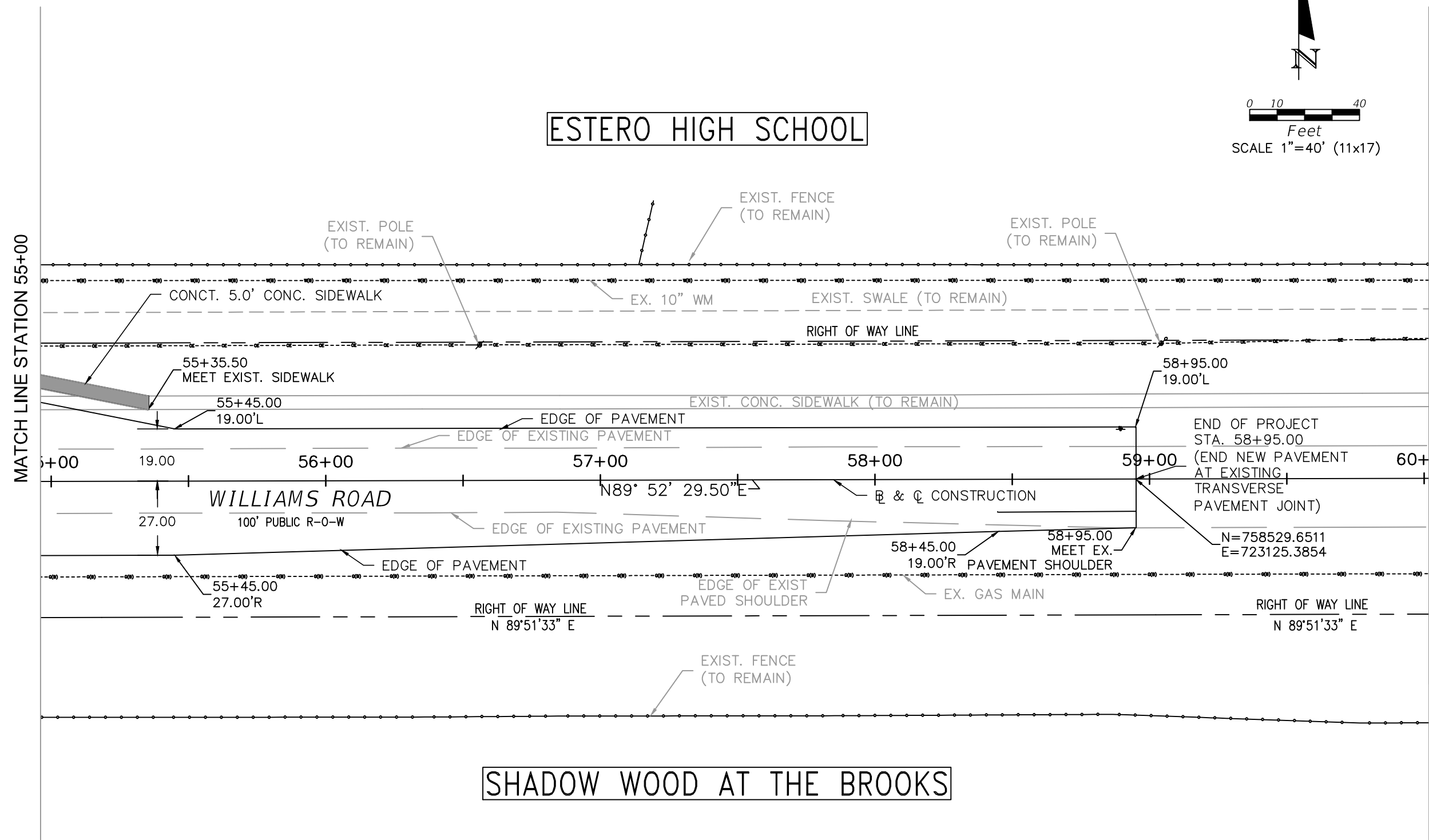
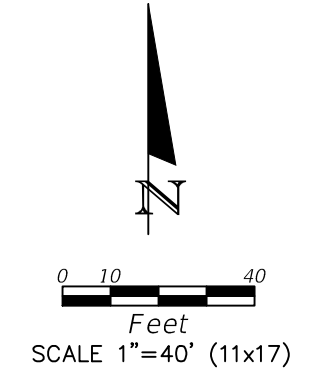


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ROADWAY PLAN SHEET
FINAL PLANS 10/23/19

REFERENCE NO. 18081	DRAWING NO. PLAN-1
PROJECT NO. 2018081	SHEET NO. 8

ESTERO HIGH SCHOOL



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NUMBER	REVISIONS	DATE



**WILLIAMS ROAD
TURN LANE & PAVED
SHOULDER IMPROVEMENTS**

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ROADWAY PLAN SHEET
FINAL PLANS 10/23/19

REFERENCE NO. 18081	DRAWING NO. PLAN-1
PROJECT NO. 2018081	SHEET NO. 9

2.C.3 WASTE DISPOSAL:

THE CONTRACTOR SHALL DEMONSTRATE THE PROPER DISPOSAL OF ALL CONSTRUCTION WASTE GENERATED WITHIN THE PROJECT LIMITS. WASTE MAY INCLUDE, BUT NOT BE LIMITED TO, VEGETATION FROM CLEARING AND GRUBBING ACTIVITIES, PACKAGING MATERIALS, SCRAP BUILDING MATERIALS, LITTER FROM TRAVELING PUBLIC, SEWAGE FROM SANITARY FACILITIES, HERBICIDES AND PESTICIDES AND THEIR CONTAINERS, AND HYDROCARBON PRODUCTS. CONTRACTOR SHALL DESIGNATE A WASTE COLLECTION AREA ON SITE AND DELINEATE THE AREA ON THE SWPPP SITE MAP.

SANITARY/SEPTIC FACILITIES SHALL BE PROVIDED AND MAINTAINED IN A NEAT AND SANITARY CONDITION, FOR THE USE OF THE CONTRACTOR'S EMPLOYEES AS NECESSARY TO COMPLY WITH THE REQUIREMENTS AND REGULATIONS OF THE STATE AND LOCAL BOARDS OF HEALTH. A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS WILL COLLECT ALL SANITARY WASTE FROM THE PORTABLE UNITS.

THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES. CONTRACTOR WILL PROVIDE AN ADEQUATE NUMBER OF LITTER CONTAINERS WITH LIDS AT THE STAGING, STOCKPILE, AND FIELD OFFICE AREAS. WASTE COLLECTION WILL BE SCHEDULED SO THAT CONTAINERS ARE EMPTIED PRIOR TO OVERFLOW. SPILLED LITTER CONTAINERS WILL BE CLEANED UP IMMEDIATELY.

2.C.4. FERTILIZERS AND PESTICIDES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SECTION 570 OF THE SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

2.D. APPROVED STATE AND LOCAL PLANS:

NONE

3.0 MAINTENANCE:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

TEMPORARY EROSION PROTECTION AND SEDIMENT BARRIERS PROPOSED FOR PROJECT INCLUDE:

SEDIMENT BARRIER: MAINTAIN PER SECTION 104

INLET PROTECTION SYSTEM: MAINTAIN PER SECTION 104

4.0 INSPECTION

THE CONTRACTOR IS REQUIRED TO INSPECT ALL EROSION CONTROL FEATURES AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM OF .50 INCH (12.7MM) OR GREATER. IN ADDITION, MAINTAIN ALL EROSION CONTROL FEATURES AS REQUIRED HEREIN AND AS SPECIFIED IN STATE AND/OR FEDERAL ENVIRONMENTAL REGULATORY PERMITS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE DAILY REVIEW OF THE LOCATION OF SILT FENCES IN AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CHANGED THE NATURAL CONTOUR AND DRAINAGE RUNOFF TO ENSURE THAT SILT FENCES ARE PROPERLY LOCATED FOR EFFECTIVENESS. FINDINGS AND CORRECTIVE ACTIONS TAKEN AS A RESULT OF THE INSPECTION.

THE CONTRACTOR SHALL SIGN EACH INSPECTION REPORT AND SUBMIT IT WEEKLY TO THE ENGINEER. THE CONTRACTOR SHALL COMPLETE ALL SWPPP INSPECTION REPORT FORMS REQUIRED FOR THE NPDES PERMIT. THE INSPECTOR MUST BE QUALIFIED THROUGH CERTIFICATION BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION'S FLORIDA STORMWATER, EROSION AND SEDIMENT CONTROL TRAINING AND CERTIFICATION PROGRAM FOR INSPECTORS AND CONTRACTORS. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE FOLLOWING ITEMS SHALL BE INSPECTED:

- ❖ POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- ❖ POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS.
- ❖ STORMWATER MANAGEMENT SYSTEMS.
- ❖ DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- ❖ AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- ❖ STRUCTURAL CONTROLS.
- ❖ LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE FDOT STORMWATER POLLUTION PREVENTION PLAN CONSTRUCTION INSPECTION REPORT (FORM #650-040-031) SHALL BE USED TO REPORT THE INSPECTION FINDINGS TO THE ENGINEER AND THE CONTRACTOR AS TO THE ABOVE REFERENCED SCHEDULE. IF CORRECTIVE ACTION IS NECESSARY, IT SHALL BE RECORDED ON THE INSPECTION REPORT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE THE CORRECTION IMMEDIATELY.

5.0 NON-STORMWATER DISCHARGES:

IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR IS TO CEASE OPERATIONS IN THAT AREA. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER WHO WILL NOTIFY THE DISTRICT IMPACT COORDINATOR.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP A DEWATERING SYSTEM THAT PROVIDES PRETREATMENT OF EFFLUENT PRIOR TO DISCHARGE INTO ADJACENT SURFACE WATERS. THE CONTRACTOR'S DEWATERING METHOD MUST MEET ALL FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING THIS PRACTICE INCLUDING THE USE OF PERMITTED OUTFALL STRUCTURES. THIS SWPPP IS ONLY A PART OF THE SECTION 104 EROSION CONTROL PLAN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT TO THE ENGINEER A HAZARDOUS MATERIALS CONTROL PLAN TO BE INCLUDED IN THE SECTION 104 CONTROL PLAN.

THE CONTRACTOR SHALL ALSO INCLUDE WITH THE SECTION 104 EROSION CONTROL PLAN THE LOCATIONS OF STAGING AREAS AND STOCKPILE YARDS AND STABILIZATION PRACTICES FOR THESE SITES. THE CONTRACTOR SHALL BE AWARE THAT MODIFICATION OF THE TRAFFIC CONTROL PLANS MAY REQUIRE THE CONTRACTOR TO MODIFY THE SWPPP. THE CONTRACTOR'S MODIFIED SWPPP MUST RECEIVE APPROVAL FROM THE ENGINEER PRIOR TO IMPLEMENTATION.

THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE FOLLOWING ITEMS TO MPO IN ORDER FOR THE NPDES PERMIT TO BE PROCESSED:

1. SIGNED CONTRACTOR CERTIFICATION FORMS (2).
2. CONSTRUCTION PLAN SHEETS THAT ARE LISTED IN THE SWPPP (FULL SETS WILL NOT BE ACCEPTED).
3. HAZARDOUS MATERIALS SPILL CONTROL PLAN.
4. SIGNED STATEMENT THAT THE SWPPP INCLUDED IN THE CONTRACT AS PART OF THE SECTION 104 EROSION CONTROL PLAN FOR THE PROJECT WILL BE IMPLEMENTED DURING THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR MAY ELECT TO SUBMIT A REVISED SWPPP THAT IS IN COMPLIANCE WITH THE STORMWATER REGULATIONS AT 40 CFR 122.26(B)(14) AND STATE WATER QUALITY STANDARDS.
5. STAGING AREA AND STOCKPILE LOCATIONS.

THIS INFORMATION SHOULD BE SUBMITTED TO THE ENGINEER THIRTY (30) DAYS PRIOR TO ANY CLEARING AND GRUBBING ACTIVITIES. NO SOIL DISTURBING ACTIVITIES CAN BE CONDUCTED UNTIL THE NPDES PACKAGE AND PERMIT HAS BEEN APPROVE AND ATTAINED.

6.0 CONTRACTOR SUBMITTAL:

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AN EROSION CONTROL PLAN THAT PROVIDES A DETAILED DESCRIPTION OF ALL EROSION AND SEDIMENT CONTROLS, BEST MANAGEMENT PRACTICES, AND MEASURES THAT WILL BE IMPLEMENTED AT THE CONSTRUCTION SITE FOR EACH ACTIVITY IDENTIFIED IN SECTION 1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TIMEFRAMES IN WHICH THE CONTROLS WILL BE IMPLEMENTED, MAINTAINED AND REMOVED. THIS INFORMATION SHALL BE KEPT AT THE PROJECT FIELD OFFICE IN ORDER FOR THE PROJECT BOE BE CONSIDERED IN COMPLIANCE WITH THE FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION SITES.

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE FOLLOWING ITEMS ARE ON SITE:

1. COPY OF THE STORMWATER POLLUTION PREVENTION PLAN WITH THE ORIGINAL CERTIFICATION SIGNATURES.
2. COPY OF THE CONTRACTOR'S EROSION CONTROL PLAN.
3. HAZARDOUS SPILL CONTROL PLAN WITH GUIDELINES ON CONTACTING THE 24-HOUR EMERGENCY RESPONSE PROGRAM FOR HAZARDOUS MATERIAL SPILLS. THIS SHALL INCLUDE COPIES OF DISCHARGE NOTIFICATIONS THAT HAVE OCCURRED WITHIN THE PROJECT LIMITS.
4. COMPLETED INSPECTION FORMS.

THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE FOLLOWING ITEMS TO FDEP IN ORDER FOR THE NPDES PERMIT TO BE PROCESSED:

1. FDEP FORM 62-621.300(4Xb) - NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THIS NOTICE OF INTENT SHALL BE SIGNED BY THE CONTRACTOR.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT THE NOI TO FDEP NO LESS THAN 48-HOURS PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROOF OF DATE TO THE PROJECT ADMINISTRATOR.

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NUMBER	REVISIONS	DATE



**WILLIAMS ROAD
TURN LANE IMPROVEMENTS
& BUFFER BIKE LANES**

DESIGNED BY: RLM	DATE: 05/29/2019
DRAWN BY: KLP	DATE: 05/29/2019
CHECKED BY: RLM	DATE: 05/29/2019
VERTICAL SCALE:	HORIZONTAL SCALE:



ROBERT L. MURRAY, P.E.
P.E. NO.: 35826
HOLE MONTES, INC.
6200 WHISKEY CREEK DRIVE
FORT MYERS, FL. 33919
CERTIFICATE OF AUTHORIZATION NO.1772

**STORMWATER
POLLUTION PREVENTION
PLAN NOTES**
FINAL PLANS 10/23/19

REFERENCE NO. 18081	DRAWING NO. SPPPN-1
PROJECT NO. 2018081	SHEET NO. 20

MAINTENANCE OF TRAFFIC NOTES

ROADWAY

1. THE MAINTENANCE OF TRAFFIC FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FLORIDA D.O.T. DESIGN STANDARDS (600 SERIES), THE STANDARD FOR ROAD AND BRIDGE CONSTRUCTION, AND THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). TRAFFIC CONTROL AND LANE CLOSURES (AS REQUIRED) SHALL BE IN ACCORDANCE WITH THE APPROPRIATE DESIGN STANDARDS TRAFFIC CONTROL THROUGH WORK ZONE INDEX.
2. THE CONTRACTOR SHALL SUBMIT COMPLETE TRAFFIC CONTROL PLANS FOR REVIEW AND APPROVAL BY THE ENGINEER NO LESS THAN 7 DAYS PRIOR TO CONSTRUCTION; TRAFFIC CONTROL PLANS SHALL BE PREPARED BY QUALIFIED PROFESSIONALS WHO HAVE COMPLETED A COURSE OF PREPARATION OF TRAFFIC CONTROL PLANS AND SHALL BE SIGNED BY A PROFESSIONAL ENGINEER (P.E.) REGISTERED IN THE STATE OF FLORIDA. ALL MAINTENANCE OF TRAFFIC RELATED COSTS SHALL BE INCLUDED UNDER PAY ITEM 102-1 EXCEPT FOR SPECIFIC MAINTENANCE OF TRAFFIC PAY ITEMS IDENTIFIED IN THE PLANS.
3. THE CONTRACTOR SHALL INSTALL CONSTRUCTION SIGNING PRIOR TO COMMENCEMENT OF CONSTRUCTION AND MAINTAIN SIGNING DURING ALL PHASES OF CONSTRUCTION.
4. THE ALTERATION OF TRAVEL WAYS TO CREATE A WORK ZONE SHALL NOT COMMENCE UNTIL ALL LABOR AND MATERIAL ARE READY FOR THE CONSTRUCTION IN THAT ZONE.
5. PUBLIC ACCESS TO BUSINESSES, RESIDENCES, SCHOOL AND SIDE STREETS MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
6. NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 CALENDAR DAYS PRIOR TO CLOSURE OR DETOUR BY SUBMITTING THE REQUIRED LANE CLOSURE FORM, SKETCHES, CALCULATIONS AND OTHER DATA REQUIRED BY THE PROJECT ENGINEER.
7. THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE REMOVAL OF STORM WATER FROM THE ROADWAY(S) DURING CONSTRUCTION. PROVISION SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO USE. THE COST OF WATER REMOVAL SHALL BE INCLUDED IN PAY ITEM NO. 102-1, MAINTENANCE OF TRAFFIC (LUMP SUM).
8. THE CONTRACTOR SHALL REMOVE OR COVER ANY EXISTING OR PROPOSED SIGNS OR PAVEMENT MARKINGS WHICH CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS OR PAVEMENT MARKINGS TO THEIR ORIGINAL POSITION. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED BY MILLING, GRINDING OR BY OTHER METHODS APPROVED BY THE PROJECT ENGINEER. USE OF BLACK PAINT TO COVER EXISTING PAVEMENT MARKINGS IS PROHIBITED. THE COST OF SIGN REMOVAL AND RESTORING, PAVEMENT MARKING REMOVAL AND RESTORING SHALL BE INCLUDED IN PAY ITEM NO. 102-1, MAINTENANCE OF TRAFFIC (LUMP SUM).
9. THE CONTRACTOR SHALL FURNISH PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS). MESSAGES FOR THE PCMS SHALL BE AS INDICATED AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE IN PLACE ONE WEEK PRIOR TO THE START OF ANY WORK ITEMS AFFECTING EXISTING VEHICULAR AND PEDESTRIAN TRAVELWAYS. PCMS SHALL BE REMOVED TWO CALENDAR WEEKS AFTER THE START OF THE ABOVE REFERENCED WORK ITEMS, EXCEPT DURING NIGHT WORK OR, AS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. PCMS SHALL BE PAID FOR UNDER ITEM 102-1, MAINTENANCE OF TRAFFIC (LUMP SUM).

ROADWAY, CONT.

10. PEAK HOURS ARE CONSIDERED TO BE BETWEEN 6 AM TO 7:30 AM AND 1:00 PM TO 2:30 PM MONDAY THROUGH FRIDAY DUE TO SCHOOL OPERATIONS. LANE CLOSURES SHALL BE ALLOWED ONLY DURING OFF-PEAK HOURS. ANY LANE CLOSURES BETWEEN 7:30 AM TO 1:00 PM AND 2:30 PM TO 8:00 PM, REQUIRE 24 HOUR NOTICE TO THE VILLAGE AND SCHOOL ADMINISTRATION.
11. THE CONTRACTOR SHALL USE A STREET SWEEPER (USING WATER) OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO WORK. CLEANING AND SWEEPING IS TO BE INCLUDED IN PAY ITEM NO. 102-1.

DROP OFFS AND ABOVE GROUND HAZARDS:

1. AT THE END OF EACH WORK PERIOD, ANY DROP OFF IN THE AREA ADJACENT TO THE TRAVEL WAY SHALL BE BACKFILLED IN ACCORDANCE WITH STANDARD INDEX NO. 600, OR SHALL BE OTHERWISE PROTECTED WITH TEMPORARY BARRIER WALL AT CONTRACTORS EXPENSE. TEMPORARY IMPACT ATTENUATORS MAY BE REQUIRED DEPENDING ON HOW THE CONTRACTOR ALIGNS THE ENDS OF THE BARRIER WALLS.
2. CONTRACTOR SHALL PROVIDE PROTECTION FROM ABOVE GROUND HAZARDS IN THE AREA ADJACENT TO THE TRAVELWAY. PROTECTION FROM ABOVE GROUND HAZARDS SHALL BE AT THE CONTRACTORS EXPENSE.

UTILITIES:

1. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY OWNERS IN DETERMINING SUITABLE UTILITY RELOCATIONS/ ADJUSTMENTS THAT WILL BE REQUIRED TO ACCOMMODATE THE MAINTENANCE OF TRAFFIC. THE COST FOR CONTRACTOR COORDINATING WITH THE UTILITY OWNERS SHALL BE PAID UNDER PAY ITEM 102-1, MAINTENANCE OF TRAFFIC (LUMP SUM).

TEMPORARY PAVEMENT

1. WHERE TEMPORARY PAVEMENT IS REQUIRED IT SHALL CONSIST OF OPTIONAL BASE GROUP 9, TYPE B-12.5 (ONLY). THE TEMPORARY PAVEMENT SHALL BE CONSTRUCTED ON A FIRM, UNYIELDING, WELL COMPACTED SUBGRADE. THE COST OF THE TEMPORARY PAVEMENT, INCLUDING THE WELL COMPACTED SUBGRADE, REMOVAL AND DISPOSAL OF THE TEMPORARY PAVEMENT, TO BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC (LUMP SUM).

WORK ZONE LIMITS:

1. THE CONTRACTOR WILL NOT BE ALLOWED TO OPEN UP TRENCHES THAT CANNOT BE BACKFILLED DURING THE SAME WORKING PERIOD WITHOUT THE APPROVAL OF THE PROJECT ENGINEER.

PEDESTRIAN, BICYCLES, & WHEELCHAIRS:

1. AT THE END OF EACH WORK PERIOD, ANY DROP OFF ADJACENT TO THE SUBJECT TRAVELWAYS SHALL BE BACKFILLED FLUSH WITH THE TRAVELWAY OR SHALL BE PROTECTED WITH BARRICADES, TEMPORARY BARRIER WALL, OR APPROVED HANDRAIL.
2. THROUGHOUT THE PROJECT LIMITS, WHERE EXISTING PEDESTRIAN AND BICYCLE FACILITIES EXIST, CONTRACTOR SHALL MAINTAIN ACCOMMODATION. PROVISION FOR THE DISABLED MUST BE PROVIDED. THE TRAVELWAY SHALL BE A MINIMUM OF 5' WIDE, SMOOTH BUT NOT SLICK, WITH A WATERPROOF SURFACE.

3. PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAFFIC SHALL BE GUIDED AND MAINTAINED USING APPROVED WARNING LIGHTS, SIGNING AND CHANNELIZATION DEVICES FOR GUIDANCE. SUCH

PEDESTRIAN, BICYCLES, & WHEELCHAIRS, CONT.

4. CONTROL DEVICES SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH FDOT SPECIFICATIONS AND THE MUTCD SECTIONS ON WORK ZONE TRAFFIC CONTROL.
5. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A SAFE AND ADEQUATE WALKING SURFACE APPLICABLE TO THE AMERICANS WITH DISABILITIES ACT (ADA) FOR PEDESTRIANS. SAFE WALK ROUTES FOR ALL PEDESTRIANS AND TRANSIT USERS WITHIN THE VICINITY OF THE CONSTRUCTION ZONE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. THIS INCLUDES SAFE WALK/ACCESS TO AND FROM EXISTING BUS STOPS AND TRANSIT VEHICLES IF THE CURRENT WALKING SURFACE AND ACCESS TO AND FROM TRANSIT VEHICLES AT BUS STOPS CAN NOT BE MAINTAINED, THEN A TEMPORARY ROAD-ROCK 4' WALK WAY SHALL BE CREATED. THE SAFE WALK ROUTE SHALL BE SEPARATED FROM THE CONSTRUCTION ACTIVITY BY THE 4' HIGH ORANGE CONSTRUCTION FENCE FOR THE ENTIRE LENGTH OF THE PROJECT OR THE LENGTH OF THE WALK ROUTE, WHICHEVER IS LESS.
6. PEDESTRIAN WALKWAYS SHOULD BE MAINTAINED FREE OF ANY OBSTRUCTIONS AND HAZARDS SUCH AS HOLES, DEBRIS, MUD, CONSTRUCTION EQUIPMENT, STORED MATERIALS, ETC. ANY HAZARDS NEAR OR ADJACENT TO WALKWAYS SHOULD BE CLEARLY DELINEATED.
7. WHERE SAFE PEDESTRIAN ACCESS/WALKWAYS CAN NOT BE PROVIDED, PEDESTRIANS SHOULD BE DIRECTED TO ALTERNATIVE ROUTES BY APPROPRIATE TRAFFIC CONTROL DEVICES. PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAFFIC SHALL BE GUIDED AND MAINTAINED (SPECIAL ATTENTION IS DIRECTED TO THE EXISTING BUS STOP LOCATION ACCESS) USING APPROVED WARNING LIGHTS, SIGNING, AND CHANNELIZATION DEVICES. SUCH CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE MUTCD SECTIONS ON WORK ZONE TRAFFIC CONTROL FOR PEDESTRIANS AND CHAPTER 6D, PEDESTRIAN AND WORKER SAFETY.
8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL ANY NECESSARY PAVEMENT, ROAD ROCK, PAVEMENT MARKINGS AND SIGNAGE AND/ OR ANY PEDESTRIAN SIGNALIZATION AND/OR SIGNAL MODIFICATION TO ACCOMMODATE AN EXISTING OR ALTERNATE WALK ROUTE.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A SAFE AND ADEQUATE WALKING ROUTE FOR ALL SCHOOL STUDENTS WITHIN THE VICINITY OF THE CONSTRUCTION ZONE DURING THE TIMES STUDENTS ARE ARRIVING AT OR LEAVING SCHOOL. IF THE CURRENT WALKING SURFACE CAN NOT BE MAINTAINED, THEN A TEMPORARY ROAD ROCK 4' WALK WAY SHALL BE CREATED. THE SAFE WALK ROUTE SHALL BE SEPARATED FROM THE CONSTRUCTION ACTIVITY BY A 4' HIGH ORANGE CONSTRUCTION FENCE FOR THE ENTIRE LENGTH OF THE PROJECT OR THE LENGTH OF THE WALK ROUTE, WHICHEVER IS LESS.
10. ALL CONSTRUCTION EQUIPMENT AROUND ANY DESIGNATED CROSSWALK SHALL CEASE TO OPERATE DURING TIMES STUDENTS ARE ARRIVING OR LEAVING SCHOOL. ALL CONSTRUCTION EQUIPMENT ADJACENT TO A DESIGNATED WALK ROUTE SHALL CEASE OPERATING UNLESS SATISFACTORILY BARRICADED FROM THE WALK ROUTE.
11. IN THE CASE THAT A DESIGNATED CROSSING OR ANY PORTION OF THE DESIGNATED WALK ROUTE CAN NOT BE MAINTAINED, THEN THE CONTRACTOR SHALL NOTIFY THE OWNERS

REPRESENTATIVE, A MINIMUM OF TEN (10) WORKING DAYS PRIOR TO CLOSING THAT ROUTE IN ORDER THAT AN ALTERNATE CROSSING/ROUTE CAN BE ESTABLISHED.

PEDESTRIAN, BICYCLES, & WHEELCHAIRS, CONT.

12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL ANY NECESSARY PAVEMENT, ROAD ROCK, PAVEMENT MARKINGS, SIGNAGE AND/OR PEDESTRIAN SIGNALIZATION AND/OR SIGNAL MODIFICATION TO ACCOMMODATE AN EXISTING OR ALTERNATE WALK CROSSING/ROUTE.
13. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE STATE CERTIFIED SCHOOL CROSSING GUARDS OR OFF DUTY POLICE OFFICERS TO CROSS STUDENTS AT ANY LOCATIONS OTHER THAN THOSE PREVIOUSLY DESIGNATED. THE CONTRACTOR MAY USE FLAGMEN, ONLY IF THEY ARE STATE CERTIFIED AS A SCHOOL CROSSING GUARD.
14. THIRTY (30) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE OWNERS REPRESENTATIVE TO ARRANGE A PRE-CONSTRUCTION - SCHOOL SAFETY MEETING.
15. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS REPRESENTATIVE AND ASSIST TO ARRANGE A PRE-CONSTRUCTION - SCHOOL BUS MEETING. THIS MEETING IS TO DETERMINE ALL BUS ROUTES AND TO MAKE ANY NECESSARY ARRANGEMENTS FOR REROUTING. THIS MEETING SHALL INCLUDE THE OWNERS REPRESENTATIVE.
16. ALL COSTS FOR MAINTAINING PEDESTRIAN, TRANSIT, SCHOOL STUDENT, BICYCLES & WHEELCHAIRS ACCESS ARE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC (LUMP SUM).

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NUMBER	REVISIONS	DATE



**WILLIAMS ROAD
TURN LANE & PAVED
SHOULDER IMPROVEMENTS**

DESIGNED BY: RLM	DATE: 05/29/2019
DRAWN BY: KLP	DATE: 05/29/2019
CHECKED BY: RLM	DATE: 05/29/2019
VERTICAL SCALE:	HORIZONTAL SCALE:



ROBERT L. MURRAY, P.E.
P.E. NO.: 35826
HOLE MONTES, INC.
6200 WHISKEY CREEK DRIVE
FORT MYERS, FL. 33919
CERTIFICATE OF AUTHORIZATION NO.1772

MAINTENANCE OF TRAFFIC

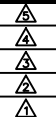


FINAL PLANS 10/23/19

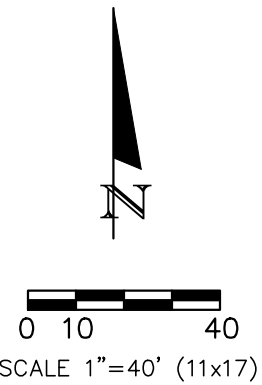
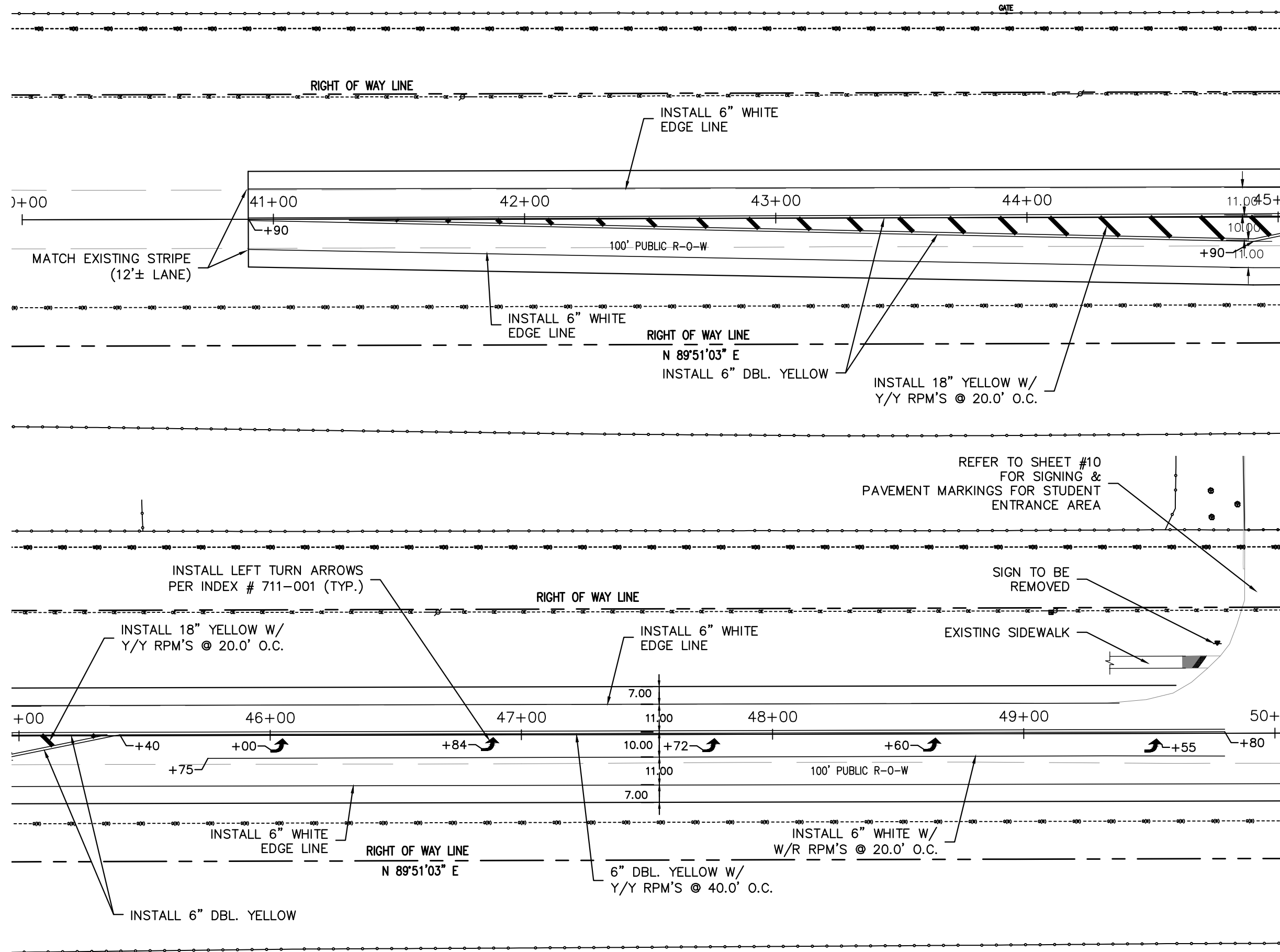
REFERENCE NO. 18081	DRAWING NO. MOT
PROJECT NO. 2018081	SHEET NO. 21

GENERAL NOTES

1. ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PER FDOT STD. SPEC. SEC. 711-001, UNLESS OTHERWISE NOTED IN THE PLANS.
2. THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
3. SIGNS TO BE RELOCATED SHALL BE CONFIRMED TO HAVE REQUIRED REFLECTIVITY PER ASTM D4956.
4. UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS SHALL REMAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL SIGNS WHICH ARE TO BE REMOVED OR RELOCATED, AS NOTED IN THESE PLANS. SIGNS TO BE RELOCATED SHALL BE STORED AND PROTECTED DURING CONSTRUCTION, UNTIL SUCH TIME THEY ARE RE-INSTALLED AND THE PROJECT IS COMPLETE. ANY SIGNS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER. SIGNS WHICH ARE NOT INTENDED TO BE RE-UTILIZED SHALL BE DELIVERED TO THE OWNERS REPRESENTATIVE.
5. SIGN ASSEMBLY LOCATIONS SHOWN ON THE PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, LANDSCAPE, DRIVEWAYS, ETC., MAY BE ADJUSTED BY THE ENGINEER IN ACCORDANCE WITH DESIGN STANDARDS INDEX NO. 700-101. WARNING SIGN LOCATION CHANGES MUST BE APPROVED BY THE OWNER'S TRAFFIC ENGINEER.
6. FOR REMOVAL OF CONFLICTING STRIPING WATER BLASTING IS THE ONLY METHODS OF REMOVAL OF PAVEMENT MARKINGS ALLOWED.
7. ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH DESIGN STANDARDS INDEX 711-001, AND RPM'S TO BE PLACED PER INDEX 706-001.
8. A BLUE RPM SHALL BE PLACED IN THE CENTER OF THE NEAR LANE, ADJACENT TO FIRE HYDRANTS WITHIN THE PROJECT LIMITS.

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					WILLIAMS ROAD TURN LANE & PAVED SHOULDER IMPROVEMENTS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNED BY: RLM</td> <td>DATE: 05/29/2019</td> </tr> <tr> <td>DRAWN BY: KLP</td> <td>DATE: 05/29/2019</td> </tr> <tr> <td>CHECKED BY: RLM</td> <td>DATE: 05/29/2019</td> </tr> <tr> <td>VERTICAL SCALE:</td> <td>HORIZONTAL SCALE:</td> </tr> </table>	DESIGNED BY: RLM	DATE: 05/29/2019	DRAWN BY: KLP	DATE: 05/29/2019	CHECKED BY: RLM	DATE: 05/29/2019	VERTICAL SCALE:	HORIZONTAL SCALE:		ROBERT L. MURRAY, P.E. P.E. NO.: 35826 HOLE MONTES, INC. 6200 WHISKEY CREEK DRIVE FORT MYERS, FL. 33919 CERTIFICATE OF AUTHORIZATION NO.1772	SIGNING & PAVEMENT MARKING GENERAL NOTES	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>REFERENCE NO.</td> <td>18081</td> </tr> <tr> <td>PROJECT NO.</td> <td>2018081</td> </tr> </table>	REFERENCE NO.	18081	PROJECT NO.	2018081	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DRAWING NO.</td> <td>SPP-GN</td> </tr> <tr> <td>SHEET NO.</td> <td>23</td> </tr> </table>	DRAWING NO.	SPP-GN	SHEET NO.	23
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MATCH LINE STATION 45+00 ABOVE

MATCH LINE STATION 50+00

REFER TO SHEET #10
FOR SIGNING &
PAVEMENT MARKINGS FOR STUDENT
ENTRANCE AREA

SIGN TO BE
REMOVED

EXISTING SIDEWALK

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NUMBER	REVISIONS	DATE



**WILLIAMS ROAD
TURN LANE & PAVED
SHOULDER IMPROVEMENTS**

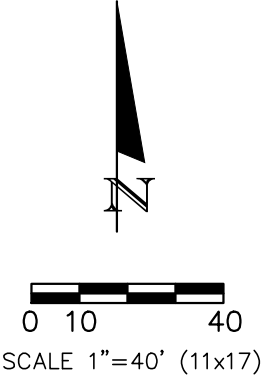
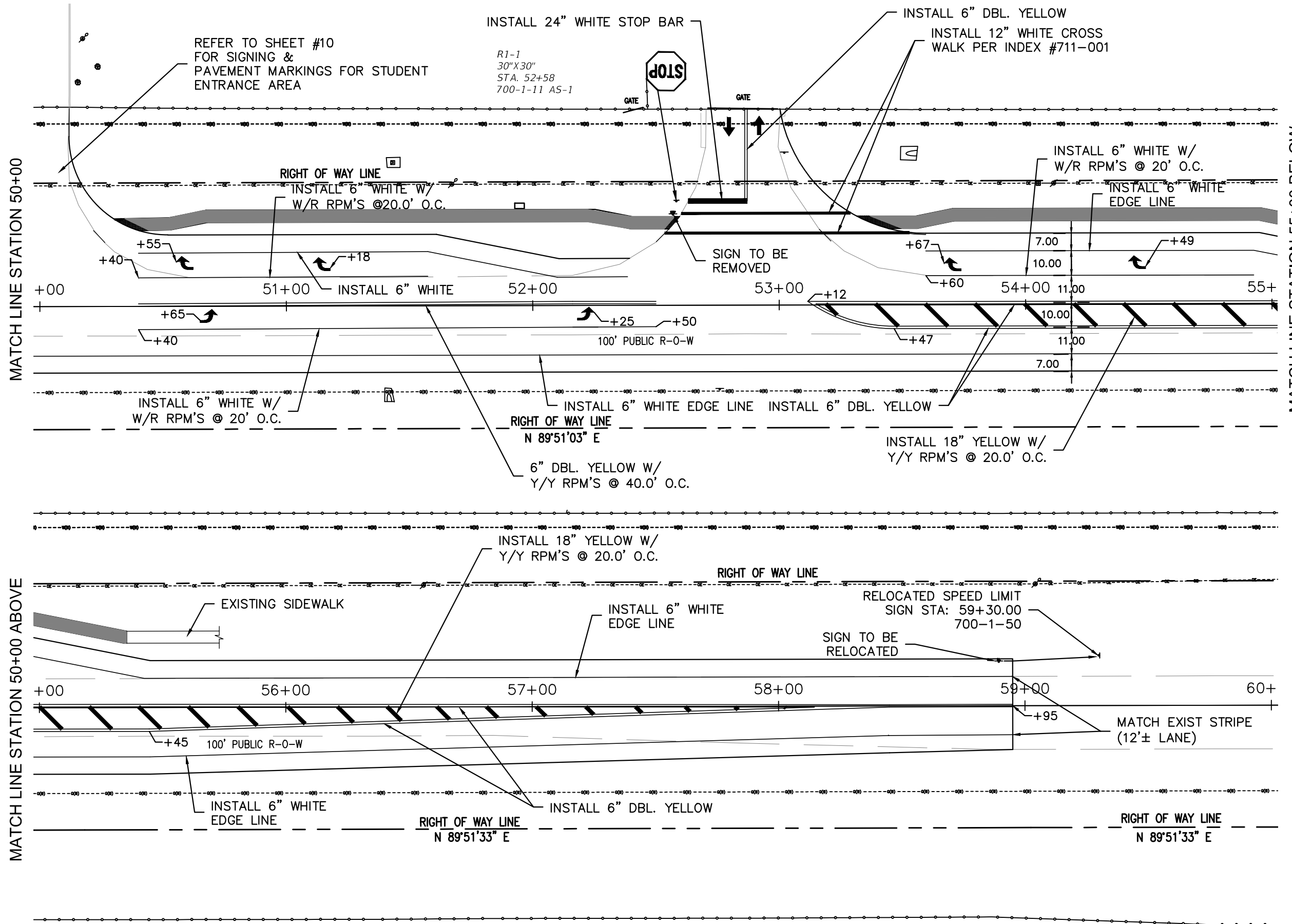
DESIGNED BY: RLM	DATE: 05/29/2019
DRAWN BY: KLP	DATE: 05/29/2019
CHECKED BY: RLM	DATE: 05/29/2019
VERTICAL SCALE:	HORIZONTAL SCALE:



ROBERT L. MURRAY, P.E.
P.E. NO.: 35826
HOLE MONTES, INC.
6200 WHISKEY CREEK DRIVE
FORT MYERS, FL. 33919
CERTIFICATE OF AUTHORIZATION NO.1772

**SIGNING & PAVEMENT
MARKING PLANS**
FINAL PLANS 10/23/19

REFERENCE NO. 18081	DRAWING NO. SPP-1
PROJECT NO. 2018081	SHEET NO. 24



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NUMBER	REVISIONS	DATE



**WILLIAMS ROAD
 TURN LANE & PAVED
 SHOULDER IMPROVEMENTS**

DESIGNED BY: RLM DATE: 05/29/2019
 DRAWN BY: KLP DATE: 05/29/2019
 CHECKED BY: RLM DATE: 05/29/2019
 VERTICAL SCALE: HORIZONTAL SCALE:



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REFERENCE NO. 18081	DRAWING NO. SPP-1
PROJECT NO. 2018081	SHEET NO. 25