

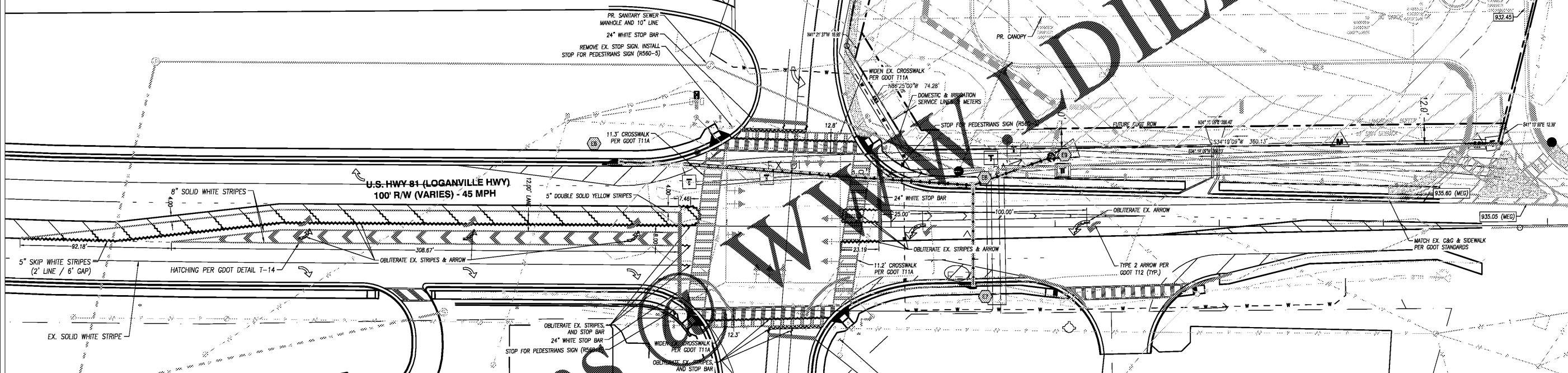
Know what's below.
Call before you dig.

N/F GEORGIA DEPARTMENT OF
TRANSPORTATION

N/F LEE KI NAM

N/F RACETRAC PETROLEUM, INC.

EXCHANGE BLVD
CUL DE SAC WEST



PROJECT DATA
 PROPERTY OWNER: RACETRAC PETROLEUM, 200 GALLERIA PKWY, SUITE 900, ATLANTA, GA 30339
 APPLICANT: RACETRAC PETROLEUM, 200 GALLERIA PKWY, SUITE 900, ATLANTA, GA 30339
 ENGINEER: W&A ENGINEERING, 2470 DANIELS BRIDGE RD., SUITE 181, ATHENS, GA 30606
 G.M.D.: 249
 GDOT DISTRICT: 1
 COUNTY: BARROW
 PROJECT FRONTAGE: 360.11' OWNED & DEVELOPED
 PHYSICAL ADDRESS: 839 LOGANVILLE HIGHWAY
 TAX PARCEL: X0052 103
 TOTAL PROJECT ACREAGE: 5.53 ACRES
 CONTOUR INTERVAL: 2' FIELD R/W TOPO BY W&A ENGINEERING DATED 12/21/2017.
 BOUNDARY SURVEY: THIS DRAWING WAS PREPARED USING A W&A ENGINEERING ALTA/NPS LAND TITLE SURVEY FOR RACETRAC PETROLEUM, INC. AND FIRST AMERICAN TITLE INSURANCE COMPANY, DATED 12/21/2017.
 EXISTING ZONING: C3
 PROPOSED ZONING: C3
 EXISTING USE: VACANT LOT
 PROPOSED USE: CONVENIENCE STORE / GAS STATION

GEORGIA DOT NOTES
 THE WORK AUTHORIZED MUST BEGIN WITHIN THREE MONTHS AND BE COMPLETED WITHIN TWELVE MONTHS ON A SCHEDULE SATISFACTORY TO THE DEPARTMENT FROM THE PERMIT APPROVAL DATE AND ALSO, BE COMPLETED BEFORE THIS FACILITY IS OPEN TO THE PUBLIC.
 THE FOLLOWING WILL NOT BE ALLOWED ON DOT RIGHT-OF-WAY: (1) DIVERSION OF ADDITIONAL DRAINAGE AREA ONTO THE RIGHT-OF-WAY, OR INCREASE IN THE CFS OF CURRENT VOLUMES OF WATER (2) GRADING EXCEPT AT DRIVEWAY CONSTRUCTION LOCATIONS (3) HEADWALLS, (4) SIGNS, DISPLAY DEVICES, AND OTHER STRUCTURES WHICH ARE DESIGNED, INTENDED, OR USED TO ADVERTISE OR INFORM, (5) LANDSCAPING WITHOUT PRIOR APPROVAL OF THE LANDSCAPE PLAN.
 ALL EXISTING UTILITIES WHICH WOULD BE UNDER NEW PAVEMENT OR ACCELERATION/DECELERATION LANES SHALL BE RELOCATED BEFORE GRADING OR PAVING AND AT NO COST TO THE DOT, OR AN APPROVED RETENTION LETTER FROM THE UTILITY OWNER.
 APPLICANT SHALL RESTORE ALL EXISTING SIGNS AND REGULATORY DOT SPECIFICATIONS ALL RIGHT-OF-WAY THAT IS DISTURBED DURING WORK TO ORIGINAL CONDITION.
 THE PERMIT APPLICANT IS RESPONSIBLE FOR REPLACEMENT OF ALL EXISTING PAVEMENT MARKINGS DAMAGED BY THE PERMIT CONSTRUCTION AND THE ADDITION OF NEW PAVEMENT MARKINGS AND SIGNS AS SHOWN ON THE APPROVED PLAN, OR CURRENTLY U.T.C.C. DETAILS.
 ALL CURBED ISLANDS SHALL BE FILLED TO THE TOP OF CURB WITH TOP SOIL CRUSHED ASPHALT. THIS APPROVAL DOES NOT ALLOW ANY WORK ON STATE CRUSHED ASPHALT IN CONNECTION WITH UTILITY LINES (SANITARY SEWER, WATER, TELEPHONE, GAS, ETC.).

PLAN/PERMIT APPROVAL CONDITIONS NOTES
 THIS PLAN IS APPROVED ON THE CONDITION THAT IT APPLIES TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION DIVISION, EROSION AND SEDIMENT CONTROL REGULATIONS, CHAPTER 391-3-7.
 THE PERMIT APPROVAL IS SUBJECT TO THE PERMITS AND COMMENTS SHOWN ON THE ATTACHED PLAN COPY AND SHALL REMAIN DEPENDENT UPON COMPLIANCE WITH THESE.
 ALL CONSTRUCTION UNDER THIS PERMIT MUST BE COMPLETED BEFORE THIS FACILITY IS OPEN TO THE PUBLIC.
 THE MAINTENANCE OF THE DRIVEWAY FROM THE NORMAL EDGE OF PAVEMENT IS THE RESPONSIBILITY OF THE PERMITEE.
EXISTING UTILITIES NOTE
 THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO DIGGING, INCLUDING GAS, ELECTRICAL AND TELECOMMUNICATION LINES. EXISTING UTILITIES SHOWN ON PLAN ARE APPROXIMATE. ANY DAMAGE TO SUCH UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. W&A ENGINEERING SHALL BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
EROSION CONTROL NOTES
 EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ON THE SITE AND SHALL BE MAINTAINED UNTIL A PERMANENT GROUND COVER IS ESTABLISHED.
 SOIL EROSION PREVENTION METHODS THAT ARE DEEMED NECESSARY ON THIS SITE WILL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL ORDINANCES AND CODES.
HYDROLOGICAL ANALYSIS
 NO STORMWATER FROM THE SITE WILL FLOW TOWARDS THE ROADWAY IN EXISTING AND PROPOSED CONDITIONS. ALL STORMWATER FROM THE SITE WILL BE REDIRECTED TO THE PROPOSED DETENTION FACILITY THROUGH A SERIES OF PIPES AS SHOWN ON THE GRADING PLAN.
GDOT RIGHT-OF-WAY NOTE
 ALL ITEMS SHOWN IN GDOT RIGHT-OF-WAY ARE GDOT PROPOSED CONDITIONS AS SHOWN ON GDOT PLANS CALLED: "INTERCHANGE CONSTRUCTION SR 316/SUS 29 AT SR 81 - BARROW COUNTY" (FEDERAL AND PROJECT CSNHS-0008-00(429)).

GENERAL NOTES
 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2013 EDITION.
 2. ADDITIONAL NOTES MAY BE FOUND ON SUBSEQUENT DRAWINGS. SUCH NOTES, WHILE PERTAINING TO THE SPECIFIC DRAWING THEY ARE PLACED ON, ALSO SUPPLEMENT THE GENERAL NOTES LISTED HEREIN.
 3. ALL WORK WILL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 4. THE CONTRACTOR SHALL OBSERVE ALL APPLICABLE LOCAL, STATE AND FEDERAL SAFETY REGULATIONS. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT.
 5. HORIZONTAL CONTROL IS BASED UPON THE STATE PLANE COORDINATE SYSTEM. VERTICAL CONTROL IS BASED UPON NAVD83. SEE PLAN SHEETS FOR LOCATIONS AND DESCRIPTIONS OF CONTROL.
 6. THE PROJECT WILL BE OVERSEEN BY W&A ENGINEERING. REPRESENTATIVES WILL ASSUME ALL DUTIES, RESPONSIBILITIES, RIGHTS AND AUTHORITY ASSIGNED TO THE ENGINEER IN THE CONTRACT DOCUMENTS IN CONNECTION WITH THE COMPLETION OF THE WORK.
 7. ALL WORK TO COMPLY WITH AND TO BE PERFORMED IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION'S CONSTRUCTION STANDARDS AND CONSTRUCTION DETAILS, AS APPLICABLE AT THE DATE ON THE PLANS.
 8. BARROW COUNTY OR THEIR APPOINTED REPRESENTATIVES, WILL BE RESPONSIBLE FOR ALL ON-SITE CONSTRUCTION INSPECTION.
 9. PROJECT SPECIFIC ALTERNATES REQUIRING APPROVAL BY THE DEPARTMENT HAS BEEN IDENTIFIED IN THE SPECIFICATIONS SHALL BE SUBMITTED TO AND APPROVED BY BARROW COUNTY. BARROW COUNTY RESERVES THE RIGHT TO REFUSE ANY AND ALL ALTERNATES THAT DO NOT MAINTAIN THE INTENT OF THE PROJECT OR SPECIFICATIONS.
 10. CONTRACTOR SHALL PROVIDE REFLECTIVE MARKERS IN ACCORDANCE WITH GDOT DETAIL TS-15C. LOCATION OF MARKERS TO BE PLACED IN ACCORDANCE WITH GDOT DETAIL TS-15A AND/OR AT THE DIRECTION OF THE BARROW COUNTY INSPECTORS.

UTILITY NOTES
 1. UTILITY DISCLAIMER: EXISTING UTILITY LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR / INSTALLER SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. DAMAGE TO EXISTING UTILITY LINES RESULTING FROM THE CONTRACTOR'S / INSTALLER'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S / INSTALLER'S EXPENSE.
 2. CONTRACTOR / INSTALLER SHALL CONTACT UTILITY LOCATOR SERVICE, 811, PRIOR TO CONSTRUCTION.

EROSION CONTROL NOTES:
 1. THIS PROJECT WILL REQUIRE A NOTICE OF INTENT (NOI)
 2. THE CONTRACTOR SHALL STRICTLY ADHERE TO DUST CONTROL REGULATIONS. ALL AREAS SUBJECTED TO DUST FORMATION MUST BE PERIODICALLY WATERED, SUFFICIENT TO RETAIN DUST. ALL COSTS FOR DUST CONTROL SHALL BE INCLUDED IN BID PRICE FOR GRADING.
 3. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH LAND DISTURBANCE ACTIVITIES AND SHALL BE MAINTAINED AT ALL TIMES.
 4. ALL SILT FENCES MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT FENCE INSTALLATION IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL SILT FENCES AND TO REPAIR OR REPLACE ANY SILT FENCE THAT IS NOT SATISFACTORY. EROSION CONTROL GATES SHALL BE PLACED IMMEDIATELY AFTER DRAINAGE STRUCTURES ARE IN PLACE. ALL EROSION CONTROL DEVICES SHALL BE PLACED ACCORDING TO THE PLANS AND AS DIRECTED BY THE ENGINEER. SEE GEORGIA STANDARD SPECIFICATIONS, CURRENT EDITION REGARDING EROSION CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP STREAMS FREE FROM SILTATION. THE CONTRACTOR SHALL OBTAIN AND ABIDE BY ALL CORPS OF ENGINEERS RULES AND REGULATIONS CONCERNING CONSTRUCTION ADJACENT TO WATERWAYS AND MAINTAIN WATER QUALITY.

STORM DRAINAGE
 1. CONCRETE RISERS ARE TO BE USED IN PAVED AREAS UNLESS OTHERWISE SPECIFIED.
 2. ALL PIPE LENGTHS ARE MEASURED TO THE CENTER OF THE STRUCTURE.
 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RAISE AND LOWER ALL INLETS AND TIPS TO MATCH FINAL GRADES AND TO ENSURE THAT ALL INLETS FUNCTION PROPERLY WITH NO PONDING IN THE DRAINAGE AREA. ANY DRAINAGE AREAS THAT DO NOT FUNCTION PROPERLY SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE.
 4. ALL STORMWATER MANHOLES IN PAVED AREAS SHALL HAVE TRAFFIC BEARING RINGS & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE GRADE AND LIDS SHALL BE LABELED "STORM SEWER".
 5. PRECAST STRUCTURES MAY BE USED AT CONTRACTORS OPTION.
 6. ALL STORM DRAINAGE CONSTRUCTION METHODS SHALL CONFORM WITH GDOT STANDARD SPECIFICATION SECTION 550 REINFORCED CONCRETE PIPE (CLASS III) - SECTION 643.01
 7. STORM PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
 TYPE 1: RCP PER ASTM C-78, WITH FLEXIBLE PLASTIC BITUMINOUS GASKETS AT JOINTS.
 - FILLS UP TO 15' OVER TOP OF PIPE, CLASS III OR GREATER MAY BE USED.
 - FILLS 15' OVER TOP OF PIPE, CLASS IV OR GREATER MAY BE USED.
 - FILLS GREATER THAN 20' OVER TOP OF PIPE, CLASS V MUST BE USED.
 8. EXISTING DRAINAGE STRUCTURES ARE TO BE INSPECTED AND REPAIRED AS NEEDED. CONTRACTOR IS RESPONSIBLE FOR CLEARING DEBRIS FROM EXISTING PIPES AND SHALL BE INCLUDED IN BASE BID.
 9. ALL STORMWATER PIPE ENTERING STORMWATER STRUCTURES SHALL BE GRADED TO ASSURE CONNECTION AT THE STRUCTURE IS WATERTIGHT AND SHALL HAVE A SMOOTH UNIFORM PAVED MORTAR INVERT FROM INVERT-IN TO INVERT OUT.

TRAFFIC CONTROL
 1. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PLANS, INCLUDING PEDESTRIAN & VEHICULAR DETOUR PLANS, TO THE AGENCY CONTROLLING THE RIGHT OF WAY FOR APPROVAL PRIOR TO PERFORMING ANY WORK IN A PUBLIC RIGHT OF WAY.
 2. APPROVED COPIES OF "TRAFFIC CONTROL PLANS" AND LANE/SIDEWALK CLOSURE PERMITS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.
 3. ALL TRAFFIC CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST VERSION.
 4. THE CONTRACTOR SHALL UNCOVER EXISTING SIGNS AND REPLACE PAVEMENT MARKINGS IN-KIND AS ORIGINALLY CONFIGURED AT THE END OF CONSTRUCTION OPERATIONS AND PRIOR TO FINAL ACCEPTANCE BY THE OWNER.
 5. ALL TEMPORARY SIGNS, BARRICADES, WARNING LIGHTS AND OTHER MISCELLANEOUS TRAFFIC CONTROL MEASURES SHALL BE REMOVED AND ORIGINAL TRAFFIC CONTROL MEASURES REPLACED AT THE END OF THE CONTRACTOR'S CONSTRUCTION OPERATIONS.

10. ALL PRECAST CONCRETE STRUCTURES SHALL CONFORM WITH ASTM C-478 WITH MINIMUM F_c=4000 PSI.
 11. ALL CAST-IN-PLACE CONCRETE DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING GDOT CLASS A CONCRETE - SECTION 500.
 12. ALL STORM SEWER TRENCHING SHALL BE BACKFILLED PER THE PROJECT SITE WORK SPECIFICATIONS AND/OR DETAILS.
 13. A MINIMUM OF 1:08 SLOPE FOR STORM PIPES IS REQUIRED, UNLESS SPECIFICALLY NOTED.

ENCROACHMENT PLAN
 RACETRAC 316081
 839 Loganville Hwy
 Bethlehem, Georgia
 Barrow County

DRAWN-BY: AGRUNER
 DATE: 04.26.2019
 SCALE: 1" = 30'
 DRAWING NAME: Traffic-1293.dwg
 SHEET NO. SI-3
 VERSION

W&A Engineering
 CIVIL ENGINEERING - LABORATORY CERTIFIED
 SURVEYING - SURVEYING CERTIFIED
 TRANSPORTATION ENGINEERING - LICENSED PROFESSIONAL ENGINEER

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NO.	REVISIONS PER GDOT COMMENTS	DATE
1		05/20/19