CAPE MAY LATERAL REPLACEMENT - PHASE 2 US ROUTE 9 TRAFFIC CONTROL PLAN

DENNIS & MIDDLE TWP, CAPE MAY COUNTY, NEW JERSEY



NOTE TO CONTRACTOR:
BEFORE PERFORMING ANY WORK, THE CONTRACTOR SHALL
CONTACT THE "DIG NUMBER" (PHONE 800-272-1000),
FOR A MARK-OUT OF ALL UNDERGROUND UTILITIES. IT IS
THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE
"DIG NUMBER" AND TO ASCERTAIN THE LOCATION OF ALL
UNDERGROUND CONSTRUCTION IN THE AREA OF THE PROJECT

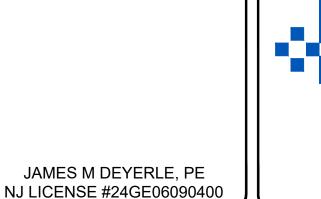
THE CONTRACTOR SHALL CONDUCT TEST PITS TO VERIFY THE LOCATIONS OF UNDERGROUND UTILITIES WHERE POTENTIAL CONFLICTS MAY OCCUR OR WHERE DISCREPANCIES ARE PRESENT BETWEEN THE PLAN AND UNDERGROUND UTILITY MARK-OUTS.

THESE TEST PITS SHALL BE IN ADDITION TO THE SPECIFIED TEST PIT LOCATIONS AS DENOTED ON THE PLANS AND SHALL NOT BE LIMITED TO EXCAVATION SOLELY BUT INCLUDE ANY ADDITIONAL MEANS TO DETERMINING THE LOCATION OF UTILITIES IN QUESTION.

CALL BEFORE YOU DIG
1-800-272-1000
TO LOCATE UNDERGROUND UTILITIES
IF YOU'RE GOING TO DIG, BLAST OR DRILL
THREE (3) WORKING DAYS NOTICE
REMEMBER
IT'S THE LAW!

Dig & Safely

No.	REVISION	APPROVE	DATE
1	ISSUED FOR SUBMITTAL		7/27/2025
2	REVISED PER NJDOT COMMENTS		9/09/2025
3	REVISED PER NJDOT COMMENTS		10/24/2025
4	REVISED PER NJDOT COMMENTS		10/29/2025
5			
6			
7			
8			
9			





	SOUTH JERSEY GAS 1 SOUTH JERSEY PLACE, ATLANTIC CITY, NJ 084 TELEPHONE: (609) 561-9000 FAX: 609-852-2371
	PROPOSED 12" STEEL GAS TRANSMISSION LINE
PROPOSED 12" STEEL GAS TRANSMISSION LINE	DEDMIT DDAWINGS

PERMIT DRAWINGS
CAPE MAY DIVISION

CAPE MAY LATERAL REPLACEMENT - PHASE 2
COVER SHEET

 DENNIS & MIDDLE TWP
 CAPE MAY
 NEW JERSEY

 DRAWN BY
 DT
 DATE
 10/24/2025
 PLATE MAP
 MULTIPLE

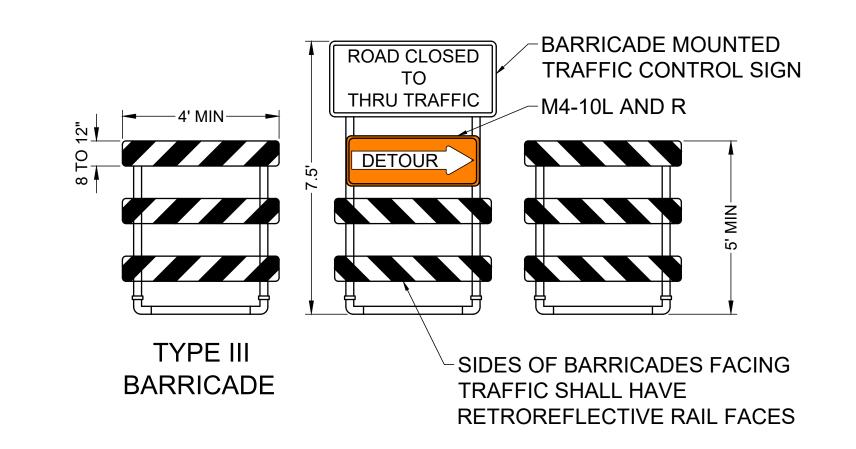
 CHECKED BY
 RA
 SCALE
 1" = 2,000"
 WORK ORDER
 5436482

 APPROVED BY
 ID
 SHEET
 1
 OF
 14
 SHEET NUMBER
 TCD
 C

ADVANCED NOTICE OF ROAD CLOSURE

- A. ADVANCED NOTICE ROAD CLOSURE SIGNS TO BE POSTED A MINIMUM OF 6 DAYS BEFORE CLOSURE FOR EACH SECTION.
- B. SIGNS TO BE POSTED AT BOTH THE BEGINNING AND END OF THE CLOSURE SECTIONS.
- C. SIGNS MAY BE VARIABLE MESSAGE BOARDS (PREFERRED) OR PREFABRICATED SIGNS. MESSAGES TO READ:
- C.1. ROUTE 9 TO CLOSE
- C.2. STARTING XX/XX/XX [PLANNED CALENDAR DATE]
- D. ROAD CLOSURE NOTICE SIGNS TO BE POSTED WHILE ROAD IS CLOSED. MESSAGES TO READ:
- D.1. ROUTE 9 CLOSED
- D.2. FOLLOW POSTED DETOUR

NJDOT STANDARD CONSTRUCTION DETAILS (ROADWAY, TRAFFIC CONTROL, & BRIDGE)



JAMES M DEYERLE, PE

NJ LICENSE #24GE06090400

NOTE TO CONTRACTOR:
BEFORE PERFORMING ANY WORK, THE CONTRACTOR SHALL
CONTACT THE "DIG NUMBER" (PHONE 800-272-1000),
FOR A MARK-OUT OF ALL UNDERGROUND UTILITIES. IT IS
THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE
"DIG NUMBER" AND TO ASCERTAIN THE LOCATION OF ALL

THE CONTRACTOR SHALL CONDUCT TEST PITS TO VERIFY THE LOCATIONS OF UNDERGROUND UTILITIES WHERE POTENTIAL CONFLICTS MAY OCCUR OR WHERE DISCREPANCIES ARE PRESENT BETWEEN THE PLAN AND UNDERGROUND UTILITY MARK-OUTS.

INDERGROUND CONSTRUCTION IN THE AREA OF THE PROJEC

THESE TEST PITS SHALL BE IN ADDITION TO THE SPECIFIED TEST PIT LOCATIONS AS DENOTED ON THE PLANS AND SHALL NOT BE LIMITED TO EXCAVATION SOLELY BUT INCLUDE ANY ADDITIONAL MEANS TO DETERMINING THE LOCATION OF LITH LITHES IN OUTSTION



IT'S THE LAW!

Dig 🏅 Safely.

No.	REVISION	APPROVE	DATE
1	ISSUED FOR SUBMITTAL		7/27/2025
2	REVISED PER NJDOT COMMENTS		9/09/2025
3	REVISED PER NJDOT COMMENTS		10/24/2025
4	REVISED PER NJDOT COMMENTS		10/29/2025
5			
6			
7			
8			
9			



450 DAVIS DRIVE, PLYMOUTH MEETING, PA 19462 OFFICE NUMBER: 484-344-2161

SOUTH JERSEY GAS 1 SOUTH JERSEY PLACE, ATLANTIC CITY, NJ 084 TELEPHONE: (609) 561-9000 FAX: 609-852-2371
PROPOSED 12" STEEL GAS TRANSMISSION LINE

PERMIT DRAWINGS
CAPE MAY DIVISION

CAPE MAY LATERAL REPLACEMENT - PHASE 2
COVER SHEET

ININIS & MIDDLE I	VVF			CAFE	VIA I		NEW JENSET
AWN BY	DT	DATE		10/2	24/2025	PLATE MAP	MULTIPLE
ECKED BY	RA	SCALE		1" :	= 2,000'	WORK ORDER	5436482
PROVED BY	JD	SHEET	2	OF	14	SHEET NUMBER	TCP-C

LEGEND

BREAKAWAY BARRICADES BREAKAWAY BARRICADES WITH SIGN CONSTRUCTION SIGNS DRUMS CONE PRECAST CONCRETE CURB CONSTRUCTION BARRIER (TYPE SPECIFIED) DIRECTION OF TRAFFIC FLOW $\overline{}$ TRAFFIC DIRECTOR, FLAGGER TRAILER MOUNTED MOUNTED ARROW BOARD SHOWING CAUTION MODE ILLUMINATED FLASHING ARROW MOUNTED ON TOWING VEHICLE SHOWING ARROW PATTERN (Left, Right, Both) LEFT RIGHT BOTH TRAFFIC CONTROL TRUCK WITH MOUNTED CRASH CUSHION AND ARROW BOARD SHOWING CAUTION MODE TRAFFIC CONTROL TRUCK WITH MOUNTED CRASH CUSHION AND ARROW BOARD SHOWING ARROW PATTERN (Left, Right, Both) LEFT RIGHT BOTH TEMPORARY CRASH CUSHION, INERTIAL BARRIER SYSTEM TEMPORARY CRASH CUSHION, (all other approved) **BUFFER ZONE WORK AREA**

PAINT STRIPING TRUCK OR OTHER OPERATING VEHICLE

GENERAL NOTES:

- ADVANCE WARNING SIGNS DISTANCES, AND TAPER LENGTHS MAY BE EXTENDED, AT DIRECTION OF THE DEPARTMENT, TO ADJUST FOR REDUCED VISIBILITY DUE TO HORIZONTAL AND VERTICAL CURVATURE OF THE ROADWAY.
- THE APPROXIMATE LOCATIONS OF THE ILLUMINATED FLASHING ARROW BOARDS ARE SHOWN ON THE TRAFFIC CONTROL PLANS. THESE LOCATIONS MAY BE MODIFIED AS APPROVED BY RE TO ADJUST FOR VISIBILITY DUE TO HORIZONTAL OR VERTICAL CURVATURE OF THE ROADWAY OR TO POSITION AT A SAFER LOCATION. ILLUMINATED FLASHING ARROW BOARDS ARE TO BE USED FOR TEMPORARY LANE CLOSINGS AND AT LOCATIONS SHOWN ON THE TRAFFIC CONTROL PLANS.
- PRIOR TO ANY ROAD CONSTRUCTION, TRAFFIC CONTROL SIGNS AND DEVICES SHALL
- 4. RAMPS AND/OR SIDE STREETS ENTERING THE ROADWAY AFTER THE FIRST ADVANCE WARNING SIGN SHALL BE PROVIDED WITH AT LEAST ONE W20-IF SIGN (ROAD WORK
- 5. ALL EXISTING ROAD SIGNS, PAVEMENT MARKINGS AND/OR PLOWABLE PAVEMENT REFLECTORS WHICH CONFLICT WITH THE PROPOSED TRAFFIC CONTROL PLAN SHALL BE COVERED, REMOVED OR RELOCATED AS DIRECTED BY THE RE.
- CONFLICTING OR NON-OPERATING SIGNAL INDICATIONS ON EITHER THE EXISTING, TEMPORARY,OR PROPOSED TRAFFIC SIGNAL SYSTEMS SHALL BE BAGGED OR COVERED.
- MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES - PART VI "STANDARDS AND GUIDES FOR TRAFFIC CONTROL FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, UTILITY, AND INCIDENT MANAGEMENT OPERATIONS", UNLESS OTHERWISE NOTED IN THE PLANS AND SPECIFICATIONS.
- 8. CONSTRUCTION SIGN W99-2 (GIVE US A BRAKE) SHALL BE LOCATED 200 FEET IN ADVANCE OF PROJECT LIMITS.
- 9. A W1-6 (ARROW) SIGN MOUNTED ON A BREAKAWAY BARRICADE AND CENTERED ON THE CLOSED WIDTH SHALL BE LOCATED 100 FEET BEYOND EACH INTERSECTION OR MAIN ACCESS POINT WITHIN THE AREA OF A LANE OR SHOULDER CLOSURE.
- 10. CONSTRUCTION SIGNS R11-4 (ROAD CLOSED TO THRU TRAFFIC) SHALL BE PLACED AT THE INTERSECTING STREETS WHICH ARE CLOSED TO TRAFFIC BECAUSE OF CONSTRUCTION.
- CONSTRUCTION SIGNS W8-9A (SYMBOL FOR UNEVEN PAVEMENT) AND W8-14A (GROOVED PAVEMENT) SHALL BE USED WHEN SUCH PAVEMENT CONDITIONS EXIST. THE PLACEMENT OF THESE SIGNS SHALL BE AS DIRECTED BY THE RE.
- 12. MOVING WORK AREAS IN A LANE CLOSURE REQUIRE A TRAILER MOUNTED ILLUMINATED FLASHING ARROW TO REMAIN AT THE END OF THE TAPER, THE TRAFFIC CONTROL TRUCK WITH MOUNTED CRASH CUSHION THAT SHALL MOVE WITH THE WORK AREAS TO KEEP A 70 FEET MIN. AND 150 FEET MAX. BUFFER IN ADVANCE OF EACH WORK AREA.
- 13. THE CONTRACTOR SHALL SUBMIT A PLAN FOR THE SAFE ACCESS OF CONSTRUCTION VEHICLES THROUGHOUT THE WORK SITE WHERE SPACE CONSTRAINTS PREVENT THE USE OF LANE CLOSURES. THE PLAN SHALL BE SUBMITTED TO THE RE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- 14 ALL EXCAVATED AREAS WITHIN OR ADJACENT TO THE ROADWAY SHALL BE BACKFILLED AND PLACED ON AT LEAST 6H: 1V SLOPE BEFORE THE END OF EACH WORK DAY. OTHER EXCAVATED AREA WITHIN THE CLEAR ZONE SHALL BE BACKFILLED.
- 15. WHERE REQUIRED, THE CONTRACTOR SHALL MAKE PROVISIONS FOR MAINTAINING PEDESTRIAN CROSSING LOCATIONS AND TYPE AS DIRECTED BY THE RE.
- 16. BITUMINOUS CONCRETE PLACED DURING THE VARIOUS CONSTRUCTION STAGES SHALL BE TRANSITIONED ON A MINIMUM 20H : 1V SLOPE TO MEET THE ADJACENT EXISTING GRADE AT THE LONGITUDINAL AND TRANSVERSE LIMITS OF THE STAGE CONSTRUCTION AREAS UNLESS OTHERWISE NOTED ON THE STAGE CONSTRUCTION PLANS.
- 17. THE PLACEMENT AND OR RELOCATION OF PRECAST CONCRETE CURB. CONSTRUCTION BARRIER SHALL BE DONE DURING APPROVED OFF-PEAK HOURS WHEN TRAFFIC MAY BE REDUCED TO ONE LANE IN EACH DIRECTION.
- 18. CONSTRUCTION ZONE SPEED LIMIT WILL BE DETERMINED BY THE TRAFFIC SIGNAL & SAFETY ENGINEERING, REGIONAL TRAFFIC ENGINEER - WORK ZONE, AT THE TIME OF OR DURING CONSTRUCTION, AS REQUESTED BY THE R.E..
- 19. THE SPEED LIMIT, R2-1 (BLACK ON WHITE) WITH ADDED WORK ZONE PLATE (BLACK ON ORANGE) SIGNS SHALL BE LOCATED THROUGH WORK AREAS AS DIRECTED BY THE TRAFFIC SIGNAL & SAFETY ENGINEERING REGIONAL TRAFFIC ENGINEER - WORK ZONE.
- 20. THE REDUCED SPEED AHEAD SIGN, W3-5(S) (BLACK ON ORANGE) SHALL BE LOCATED IN ADVANCE OF SPEED LIMIT R2-1 SIGNS WHICH REDUCE THE NORMAL POSTED SPEED LIMIT THROUGH THE CONSTRUCTION ZONE.
- 21. TRAFFIC FINES DOUBLED IN WORK AREA R(NJ)5-17(S), 4 FEET BY 2.5 FEET SIGN SHALL BE LOCATED 500 FEET AFTER THE FIRST ADVANCE WARNING SIGN, (W20 SERIES) AT EACH WORK AREA LOCATED WITHIN URBAN AREAS. THIS SIGN SHALL ALSO BE USED ON PROJECTS REQUIRING MOVING OPERATIONS IN WHICH CASE THE SIGN SHALL BE MOUNTED ON A SLOW MOVING CONSTRUCTION VEHICLE.
- 22. THE FINAL HMA SURFACE PAVEMENT SHALL NOT BE CONSTRUCTED UNTIL THE FINAL STAGE OF THE PROJECT UNLESS OTHERWWISE DIRECTED BY THE RE OR INDICATED ON THE PLANS. MANHOLES AND INLETS SHALL BE SET TO FINISHED GRADE AND TEMPORARY PAVEMENT RAMPS ARE TO BE CONSTRUCTED AROUND THEM WITH A MINIMUM 20H : 1V SLOPE IN ALL DIRECTIONS USING HOT MIX ASPHALT PAVEMENT. THIS TEMPORARY MATERIAL WILL BE REMOVED IMMEDIATELY PRIOR TO PLACING THE SURFACE COURSE.

- 23. TRAFFIC CONTROL DEVICES FOR LANE CLOSURES INCLUDING SIGNS, CONES, BARRICADES ETC. SHALL BE PLACED AS SHOWN ON PLANS. SIGNS SHALL NOT BE PLACED WITHOUT ACTUAL LANE CLOSURES AND SHALL BE IMMEDIATELY REMOVED UPON REMOVAL OF THE CLOSURES.
- 24. CONES MAY BE SUBSTITUTED FOR DRUMS AND INSTALLED UPON THE APPROVAL OF THE RE.
- 25. TRAFFIC IMPACT NOTICES AND CHANGES

WHEN THE FOLLOWING TERMS ARE USED, THE INTENT AND MEANING SHALL BE AS FOLLOWS:

i. IMPACTS TO NORMAL TRAFFIC FLOW - WORK THAT REQUIRES A PORTION OF THE PAVED ROADWAY BEING BLOCKED OR CLOSED WITH SAFETY DEVICES OR VEHICLES, INCLUDING, BUT NOT LIMITED TO, FULL OR PARTIAL LANE CLOSURES, FULL OR PARTIAL RAMP CLOSURES, SHOULDER CLOSURES, MOVING OPERATIONS SUCH AS TRAFFIC STRIPING OR SWEEPING. LANE SHIFTS, OR ALTERNATING TRAFFIC. THIS APPLIES EVEN WHEN DETOURS ARE PROVIDED.

ii. TEMPORARY LANE CLOSURES - WORK DESCRIBED UNDER "IMPACTS TO NORMAL TRAFFIC FLOW" WHICH IS ROUTINELY SET UP AND REMOVED ON A DAILY BASIS.

iii. PERMANENT LANE CLOSURES - WORK DESCRIBED UNDER "IMPACTS TO NORMAL TRAFFIC FLOW" WHICH REMAINS IN PLACE CONTINUOUSLY FOR 24 HOURS OR MORE.

B. ADVANCE NOTICES

FOR THE INITIAL START OF WORK THAT REQUIRES "IMPACTS TO NORMAL TRAFFIC FLOW", THE CONTRACTOR SHALL NOTIFY THE RE IN WRITING, ON THE ADVANCE FORM TO-103 PROVIDED BY THE DEPARTMENT, OF THE PROPOSED DATE. THE NOTICE SHALL BE SUBMITTED AT LEAST TWENTY-EIGHT CALENDAR DAYS BUT NOT MORE THAN SIXTY CALENDAR DAYS BEFORE THE PROPOSED DATE. START OF WORK THAT IMPACTS NORMAL TRAFFIC FLOW WILL NOT BE PERMITTED PRIOR TO THE DATE STATED IN THE NOTICE. THE CONTRACTOR SHALL CONFIRM, IN WRITING TO THE RE, THE PROPOSED DATE SEVEN (AND/OR FOURTEEN) CALENDAR DAYS BEFORE STARTING THE ESTABLISHMENT OF THE TRAFFIC CONTROL MEASURES FOR THE TRAFFIC IMPACT THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE RE IF THE PROPOSED ESTABLISHMENT CAN NOT BE COMPLETED ON THE PROPOSED DATE.

FOR A "PERMANENT LANE CLOSURE", THE CONTRACTOR SHALL NOTIFY THE RE IN WRITING, ON ADVANCE FORM TO-103, OF THE PROPOSED DATE A NEW TRAFFIC PATTERN WILL BE ESTABLISHED. THE NOTICE SHALL BE SUBMITTED AT LEAST TWENTY-EIGHT CALENDAR DAYS, BUT NOT MORE THAN SIXTY CALENDAR DAYS, IN ADVANCE OF THE PROPOSED DATE. START OF A NEW TRAFFIC PATTERN WILL NOT BE PERMITTED PRIOR TO THE DATE STATED IN THE NOTICE. THE CONTRACTOR SHALL CONFIRM, IN WRITING TO THE RE, THE PROPOSED DATE OF THE NEW TRAFFIC PATTERN SEVEN (AND/OR FOURTEEN) DAYS BEFORE STARTING TRAFFIC CONTROL MEASURES FOR THE ESTABLISHMENT OF THE NEW PATTERN. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE RE IF THE PROPOSED ESTABLISHMENT CAN NOT BE COMPLETED ON THE PROPOSED DATE.

STARTING THE ESTABLISHMENT OF A NEW PERMANENT TRAFFIC PATTERN SHALL BEGIN NO EARLIER THAN 11:00 PM FRIDAY AND SHALL BE COMPLETED AND READY FOR OPERATIONS BY 6:00 PM THE FOLLOWING SUNDAY. THE ESTABLISHMENT SHALL BE COMPLETED IN ACCORDANCE WITH THE LANE CLOSURE HOURS

ADVANCE NOTICES SENT PRIOR TO THE PRE-CONSTRUCTION MEETING SHALL BE ADDRESSED TO THE CONTACT PERSON AS SPECIFIED IN SUBSECTION 101.04 OF THE SPECIAL PROVISIONS.

C. PROGRESS NOTICES

ALL "IMPACTS TO NORMAL TRAFFIC FLOW" SCHEDULED FOR THE SEVEN DAY PERIOD STARTING ON THE FOLLOWING MONDAY SHALL BE SUBMITTED TO THE RE BY 9:00 AM OF EACH FRIDAY ON WEEKLY FORM TO-101 PROVIDED BY THE DEPARTMENT.

EACH DAY OF "TEMPORARY LANE CLOSURES" SHALL BE SUBMITTED TO THE RE BY 9:00 AM THE DAY IN ADVANCE OF THE START OF THOSE OPERATIONS ON DAILY FORM TO-102 PROVIDED BY THE DEPARTMENT.

"TEMPORARY LANE CLOSURES" FOR WEEKENDS SHALL BE SUBMITTED TO THE RE BY 9:00 AM ON THE MMEDIATELY PRECEDING FRIDAY ON THE DAILY FORM TO-102 PROVIDED BY THE DEPARTMENT.

D. CHANGES TO THE SCHEDULED CLOSURES

REQUEST FOR A CHANGE TO THE TRAFFIC CONTROL REQUIREMENTS IN THE CONTRACT DOCUMENTS SHALL BE SUBMITTED IN WRITING TO THE RE AS FOLLOWS:

CHANGES TO THE SCHEDULED HOURS FOR "TEMPORARY LANE CLOSURES" SHALL BE SUBMITTED TO THE R.E. AT LEAST EIGHT CALENDAR DAYS IN ADVANCE OF WHEN THE CHANGE IS PROPOSED TO START.

OTHER PROPOSED CHANGES TO "TEMPORARY LANE CLOSURES" AND ALL CHANGES TO "PERMANENT LANE

NOTE TO DESIGNER:

THIS SHEET REQUIRES DESIGN SPECIFIC INFORMATION TO BE ADDED AND INCLUDED IN THE CONTRACT PLANS.

REMOVE THIS NOTE AFTER DESIGN SPECIFIC INFORMATION IS ADDED.

TCD-1

NEW JERSEY DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS

146

NOTE TO CONTRACTOR:
BEFORE PERFORMING ANY WORK, THE CONTRACTOR SHALL CONTACT THE "DIG NUMBER" (PHONE 800-272-1000), FOR A MARK-OUT OF ALL UNDERGROUND UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE "DIG NUMBER" AND TO ASCERTAIN THE LOCATION OF ALL INDERGROUND CONSTRUCTION IN THE AREA OF THE PROJEC

THE CONTRACTOR SHALL CONDUCT TEST PITS TO VERIFY THE LOCATIONS OF UNDERGROUND UTILITIES WHERE POTENTIAL CONFLICTS MAY OCCUR OR WHERE DISCREPANCIES ARE PRESENT BETWEEN THE PLAN AND UNDERGROUND UTILITY

MARK-OUTS. THESE TEST PITS SHALL BE IN ADDITION TO THE SPECIFIED TEST PIT LOCATIONS AS DENOTED ON THE PLANS AND SHALL NOT BE LIMITED TO EXCAVATION SOLELY BUT INCLUDE ANY ADDITIONAL MEANS TO DETERMINING THE LOCATION OF UTILITIES IN QUESTION.



CALL BEFORE YOU DIG YOU'RE GOING TO DIG, BLAST OR DRIL THREE (3) WORKING DAYS NOTICE IT'S THE LAW!

Dig & Safely

No.	REVISION	APPROVE	DATE
1	ISSUED FOR SUBMITTAL		7/27/2025
2	REVISED PER NJDOT COMMENTS		9/09/2025
3	REVISED PER NJDOT COMMENTS		10/24/2025
4	REVISED PER NJDOT COMMENTS		10/29/2025
5			
6			
7			
8			
9			



NJ LICENSE #24GE06090400

MasTec Professional Services

OFFICE NUMBER: 484-344-2161

SOUTH JERSEY 1 SOUTH JERSEY PLACE, ATLANTIC CITY, NJ 08401 TELEPHONE: (609) 561-9000 FAX: 609-852-2371 PROPOSED 12" STEEL GAS TRANSMISSION LINI PERMIT DRAWINGS

CAPE MAY DIVISION CAPE MAY LATERAL REPLACEMENT - PHASE 2 NJDOT STANDARD CONSTRUCTION DETAILS

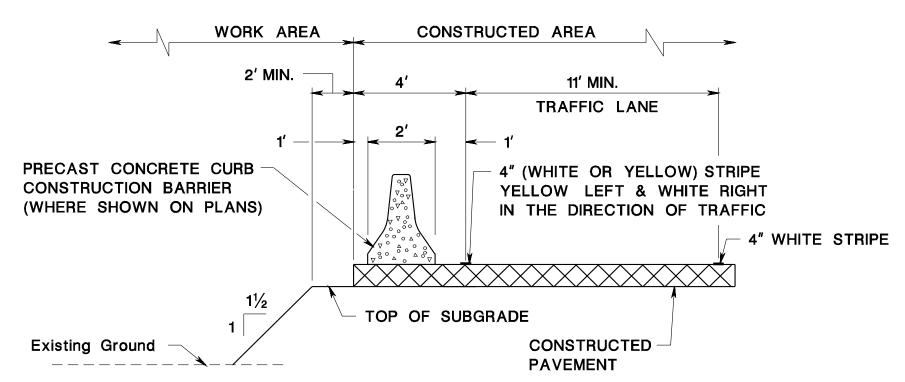
DENNIS & MIDDLE TWP 10/24/2025 MULTIPLE 1" = 2,00 543648 TCP-0

NOTE:

MATERIAL AS APPROVED BY THE R.E.

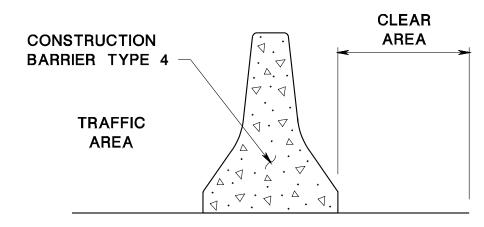
ESCAPE RAMPS MUST BE CONSTRUCTED AND MAINTAINED DURING NON-WORKING HOURS WHERE A VERTICAL DROP GREATER THAN 2 INCHES EXISTS ADJACENT TO TRAVELED LANE.

ESCAPE RAMP DETAIL



TYPICAL SECTION

PLACEMENT OF PRECAST CONCRETE CONSTRUCTION BARRIER



NOTES:

- 1. CHANGES TO THE PROPOSED JOINT CLASS AT ANY LOCATION MUST BE APPROVED BY THE DEPT.
- 2. NO ROADWAY DROP OFFS, OBSTRUCTIONS, STORAGE
 OF MATERIALS OR WORK WILL BE PERMITTED IN THE CLEAR
 AREA UNLESS APPROVED BY THE R.E.

STAGE	LOCATION	JOINT CLASS
	RTE. STA. TO STA.	

JOINT CLASS	CLEAR AREA
Α	20 INCHES
В	16 INCHES
С	11 INCHES

CONSTRUCTION BARRIER, TYPE 4 JOINT CLASS AND CLEAR AREA

REGULATORY APPROACH SPEED OF		MENDED SIGHT ING OF CHANN	DISTANCE TO IELIZING TAPERS
TRAFFIC	DESII	RABLE	MINIMUM
MILES/HOUR	RURAL FEET	URBAN FEET	RURAL AND URBAN FEET
25	375	525	150
30	450	625	200
35	525	725	250
40	600	825	325
45	675	925	400
50	750	1025	475
55	875	1150	550
60	1000	1275	650
65	1050		725

NOTES:

- 1. AVOIDANCE MANEUVER IS FOR A SPEED, PATH, AND/OR DIRECTION CHANGE PRIOR TO THE BEGINNING OF CHANNELIZING TAPERS.
- 2. RECOMMENDED DISTANCES BETWEEN TWO SEPARATE LANE CLOSURES SHALL BE DOUBLE THE VALUES SHOWN ABOVE.
- 3. RURAL AND URBAN ROAD DESIGNATIONS SHALL BE AS DEFINED IN THE NJDOT STATE HIGHWAY STRAIGHT LINE DIAGRAMS.
- 4. DESIRABLE VALUES SHALL BE PROVIDED WHEREVER POSSIBLE. IF IT IS NOT FEASIBLE OR PRACTICAL TO PROVIDE DESIRABLE VALUES BECAUSE OF HORIZONTAL OR VERTICAL CURVATURE OR IF RELOCATION OF THE TAPER IS NOT POSSIBLE, THEN MINIMUM VALUES CAN BE APPLIED. WHEN MINIMUM VALUES ARE USED, SPECIAL ATTENTION SHOULD BE GIVEN TO THE USE OF SUITABLE TRAFFIC CONTROL DEVICES FOR PROVIDING ADVANCED WARNING OF THE CONDITIONS THAT ARE LIKELY TO BE ENCOUNTERED.
- 5. TAPERS SHALL BE LOCATED TO MAXIMIZE THE VISIBILITY OF THEIR TOTAL LENGTH.

REC	OMMENDED TA FOR CHAI	RECOMMENDED SPACING ALONG TANGENTS					
REGULATORY APPROACH SPEED OF TRAFFIC	MINIMUM TAPER RATIO IN LENGTH PER FOOT OF WIDTH	MINIMUM TAPER LENGTH L - FOR LANE WIDTHS			MAXIMUM DEVICE (B) SPACING ALONG TAPERS IN FEET	MAXIMUM DEVICE (D) SPACING ALONG TANGENTS IN FEET	
MILES/HOUR		10′	11′	12'			
25	10.5:1	105	115	125	25	50	
30	15:1	150	165	180	30	60	
35	20.5:1	205	225	245	35	70	
40	27:1	270	300	325	40	80	
45	45:1	450	495	540	45	90	
50	50:1	500	550	600	50	100	
55	55:1	550	605	660	55	110	
60	60:1	600	660	720	60	120	
65	65:1	650	715	780	65	130	

NOTE:

THE MAXIMUM DEVICE SPACING ALONG CURVES SHALL BE AS DEFINED FOR TAPERS (B) IN THE ABOVE TABLE.

NOTE TO DESIGNER:

THIS SHEET REQUIRES DESIGN SPECIFIC INFORMATION TO BE ADDED AND INCLUDED IN THE CONTRACT PLANS.

REMOVE THIS NOTE AFTER DESIGN SPECIFIC INFORMATION IS ADDED.

N.T.S.

TCD-2

NEW JERSEY DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS

101

NOTE TO CONTRACTOR:
BEFORE PERFORMING ANY WORK, THE CONTRACTOR SHALL
CONTACT THE "DIG NUMBER" (PHONE 800-272-1000),
FOR A MARK-OUT OF ALL UNDERGROUND UTILITIES. IT IS
THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE
"DIG NUMBER" AND TO ASCERTAIN THE LOCATION OF ALL
UNDERGROUND CONSTRUCTION IN THE AREA OF THE PROJECT.

THE CONTRACTOR SHALL CONDUCT TEST PITS TO VERIFY THE LOCATIONS OF UNDERGROUND UTILITIES WHERE POTENTIAL CONFLICTS MAY OCCUR OR WHERE DISCREPANCIES ARE PRESENT BETWEEN THE PLAN AND UNDERGROUND UTILITY

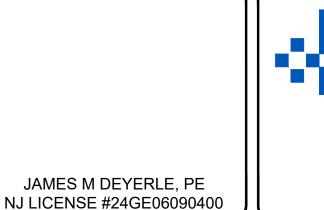
MARK-OUTS.

THESE TEST PITS SHALL BE IN ADDITION TO THE SPECIFIED TEST PIT LOCATIONS AS DENOTED ON THE PLANS AND SHALL NOT BE LIMITED TO EXCAVATION SOLELY BUT INCLUDE ANY ADDITIONAL MEANS TO DETERMINING THE LOCATION OF UTILITIES IN QUESTION.

See Jenes
ONE CALL
CALL BEFORE YOU DIG
TO LOCATE UNDERGROUND UTILITIES IF YOU'RE GOING TO DIG, BLAST OR DRILL
THREE (3) WORKING DAYS NOTICE REMEMBER IT'S THE LAW!

│Dig 🎖 Safely.

No.	REVISION	APPROVE	DATE
1	ISSUED FOR SUBMITTAL		7/27/2025
2	REVISED PER NJDOT COMMENTS		9/09/2025
3	REVISED PER NJDOT COMMENTS		10/24/2025
4	REVISED PER NJDOT COMMENTS		10/29/2025
5			
6			
7			
8			
9			





450 DAVIS DRIVE, PLYMOUTH MEETING, PA 19462 OFFICE NUMBER: 484-344-2161



PROPOSED 12" STEEL GAS TRANSMISSION LINE
PERMIT DRAWINGS
CAPE MAY DIVISION

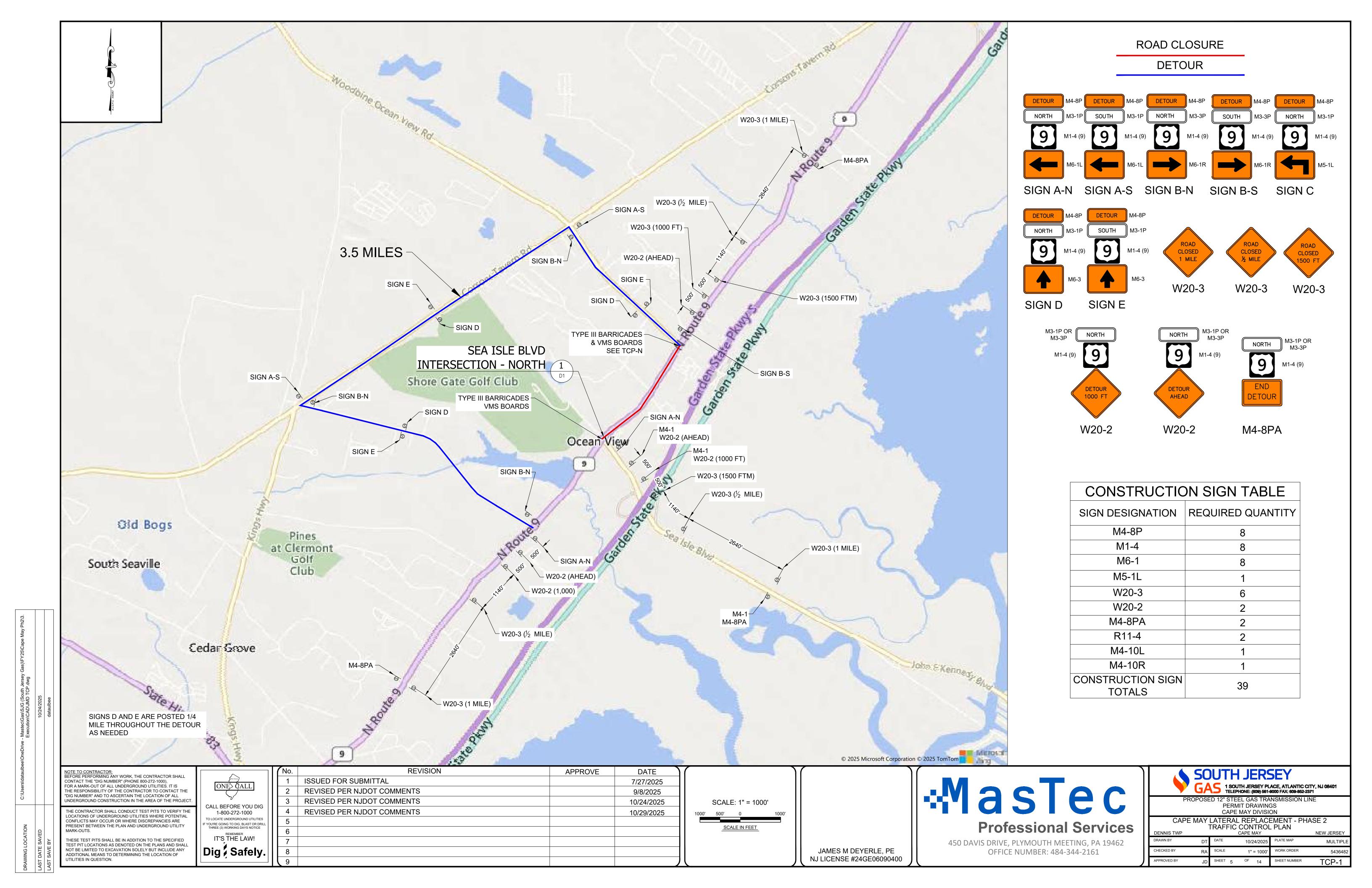
CAPE MAY LATERAL REPLACEMENT - PHASE 2

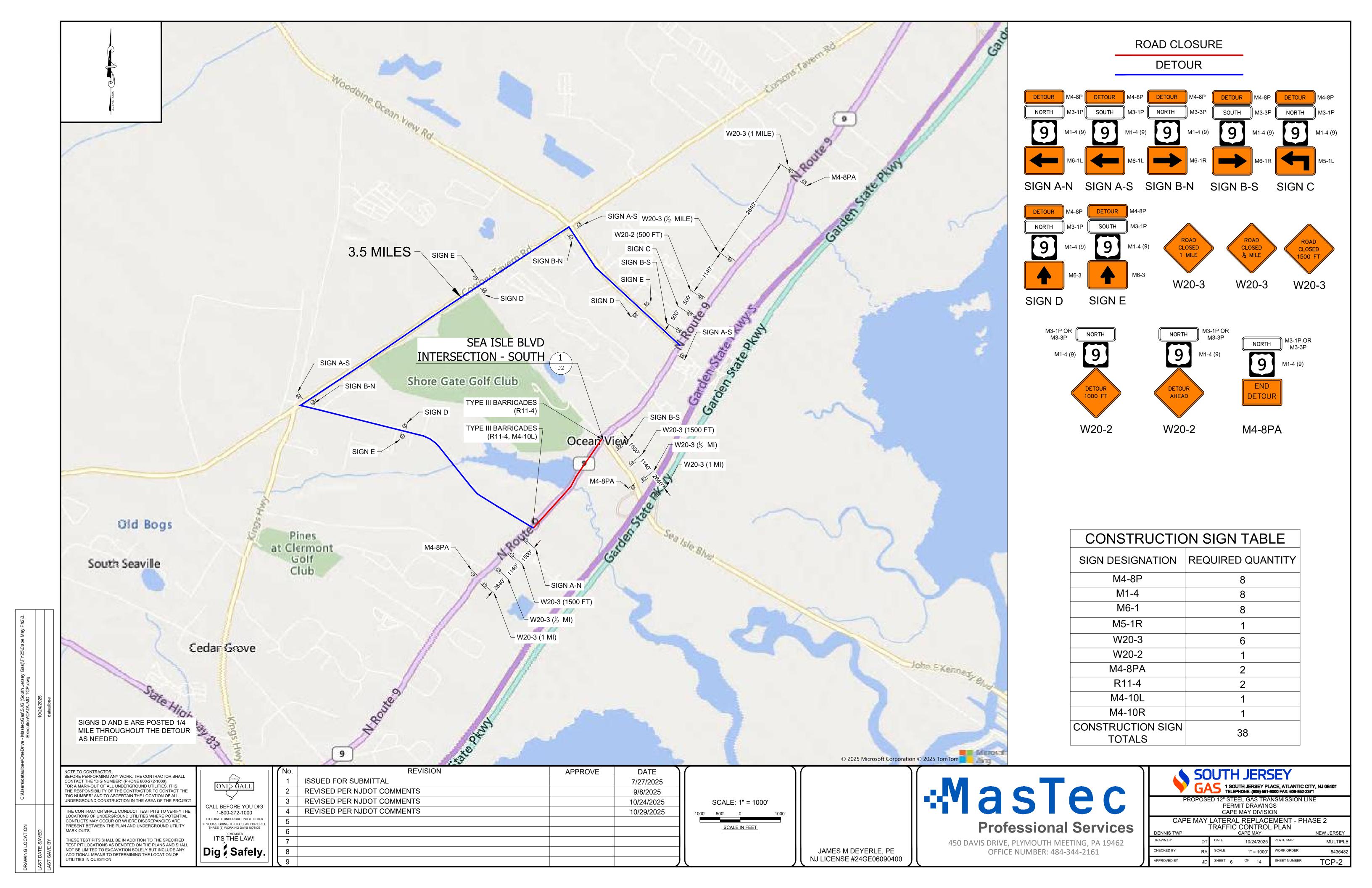
NJDOT STANDARD CONSTRUCTION DETAILS
DENNIS & MIDDLE TWP CAPE MAY NEW JERSEY

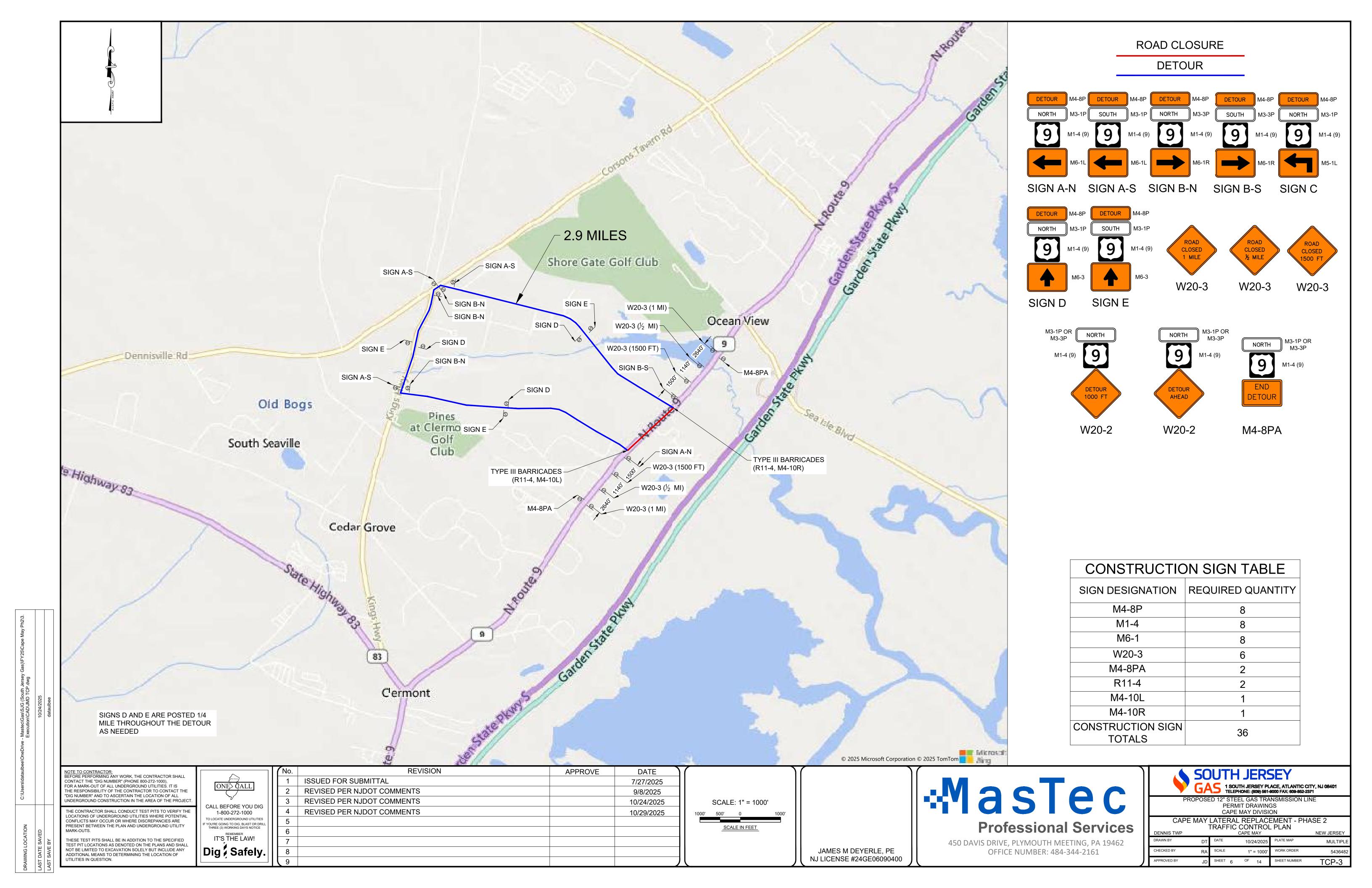
DRAWN BY DT DATE 10/24/2025 PLATE MAP MULTIPLE

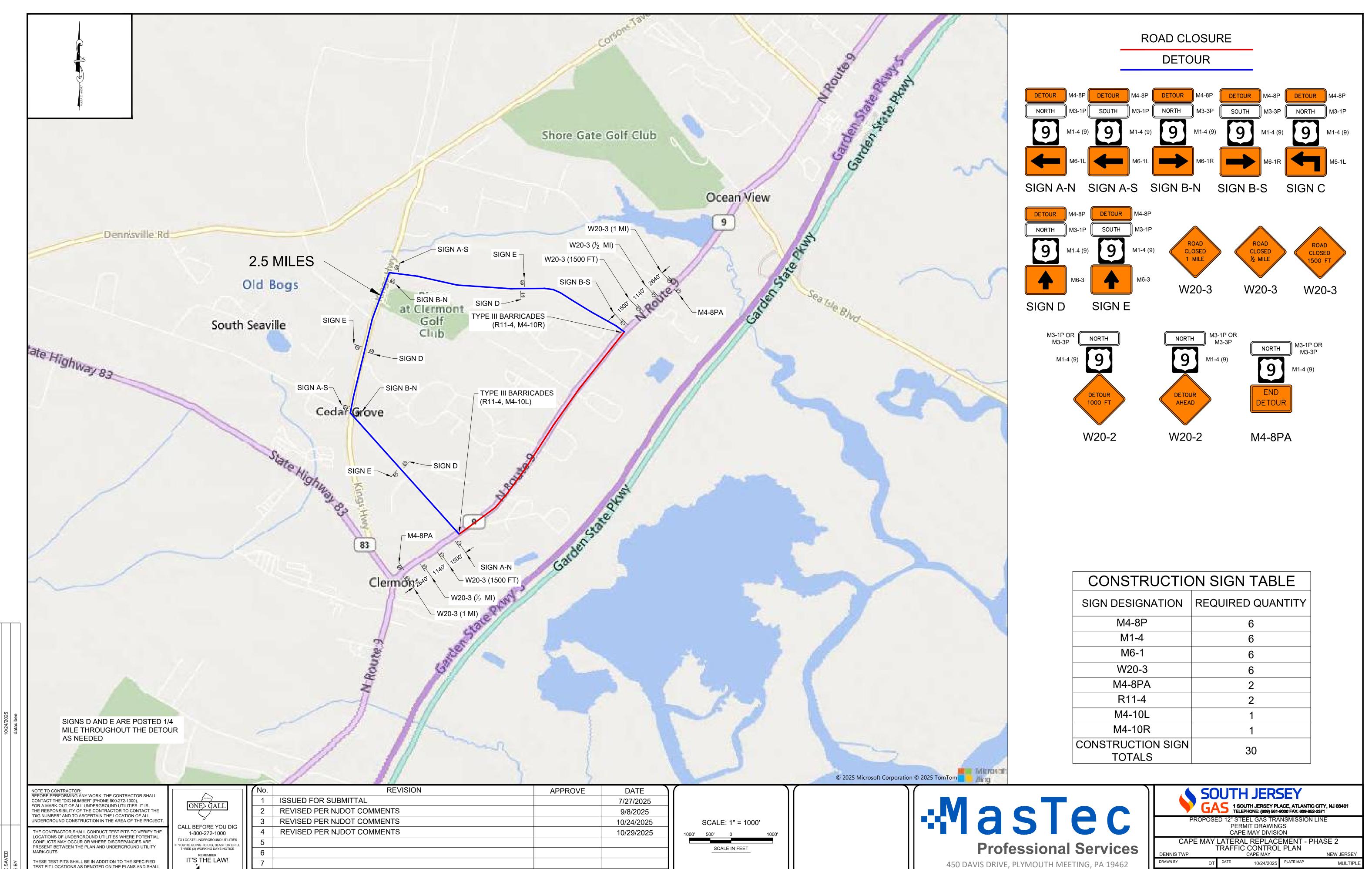
CHECKED BY RA SCALE 1" = 2,000' WORK ORDER 5436482

APPROVED BY JD SHEET 4 OF 14 SHEET NUMBER TCP-C









JAMES M DEYERLE, PE

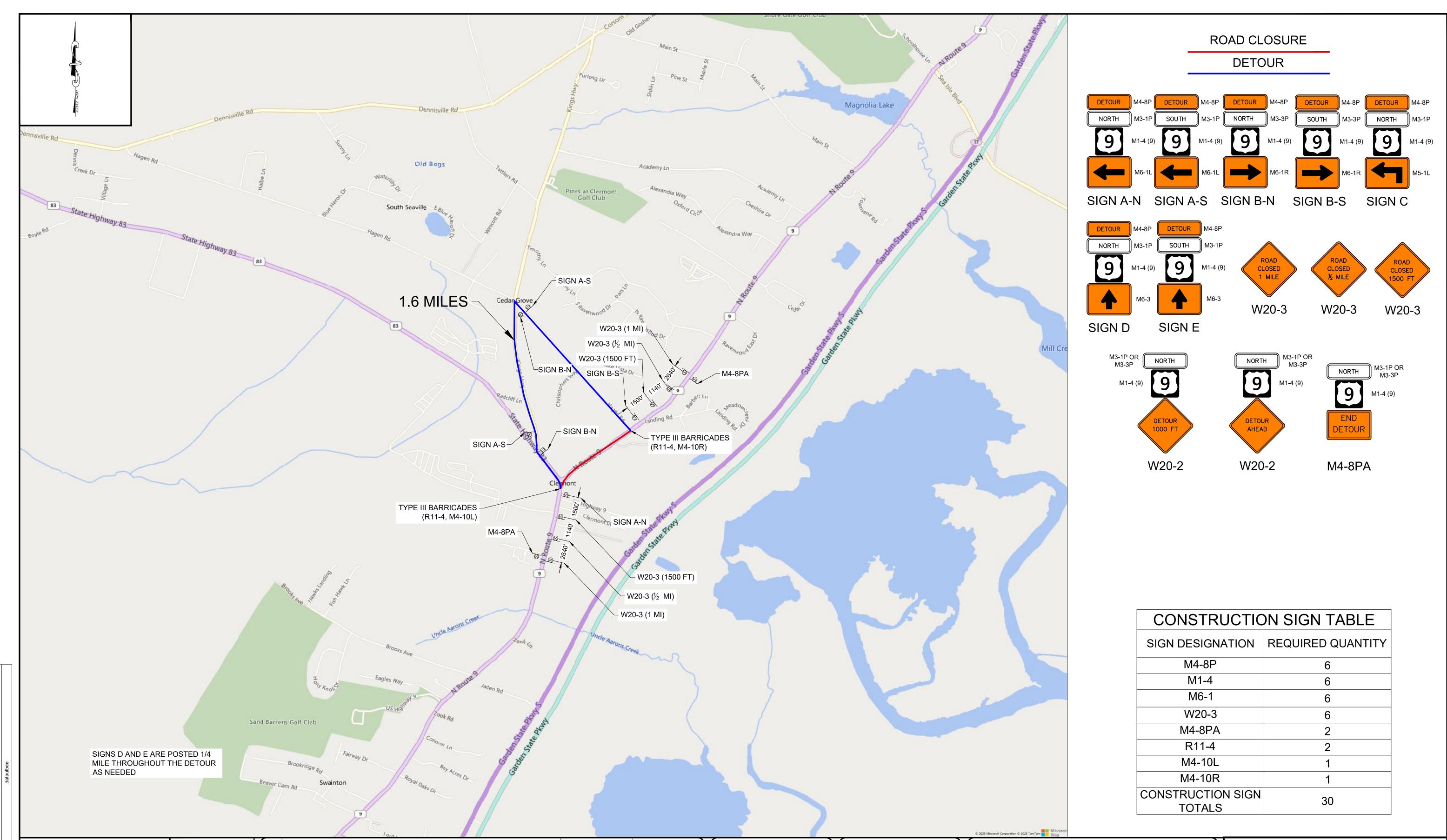
NJ LICENSE #24GE06090400

OFFICE NUMBER: 484-344-2161

TEST PIT LOCATIONS AS DENOTED ON THE PLANS AND SHALL NOT BE LIMITED TO EXCAVATION SOLELY BUT INCLUDE ANY

ADDITIONAL MEANS TO DETERMINING THE LOCATION OF

Dig / Safely.



NOTE TO CONTRACTOR:
BEFORE PERFORMING ANY WORK, THE CONTRACTOR SHALL
CONTACT THE "DIG NUMBER" (PHONE 800-272-1000),
FOR A MARK-OUT OF ALL UNDERGROUND UTILITIES. IT IS
THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE
"DIG NUMBER" AND TO ASCERTAIN THE LOCATION OF ALL
UNDERGROUND CONSTRUCTION IN THE AREA OF THE PROJECT.

THE CONTRACTOR SHALL CONDUCT TEST PITS TO VERIFY THE

THE CONTRACTOR SHALL CONDUCT TEST PITS TO VERIFY THE LOCATIONS OF UNDERGROUND UTILITIES WHERE POTENTIAL CONFLICTS MAY OCCUR OR WHERE DISCREPANCIES ARE PRESENT BETWEEN THE PLAN AND UNDERGROUND UTILITY MARK-OUTS.

THESE TEST PITS SHALL BE IN ADDITION TO THE SPECIFIED TEST PIT LOCATIONS AS DENOTED ON THE PLANS AND SHALL NOT BE LIMITED TO EXCAVATION SOLELY BUT INCLUDE ANY ADDITIONAL MEANS TO DETERMINING THE LOCATION OF LITTLE THE OUTSTION.

CALL BEFORE YOU DIG
1-800-272-1000
TO LOCATE UNDERGROUND UTILITIES
IF YOU'RE GOING TO DIG, BLAST OR DRILL
THREE (3) WORKING DAYS NOTICE

IT'S THE LAW!

Dig 🏅 Safely.

No.	REVISION	APPROVE	DATE) (
1	ISSUED FOR SUBMITTAL		7/27/2025
2	REVISED PER NJDOT COMMENTS		9/8/2025
3	REVISED PER NJDOT COMMENTS		10/24/2025
4	REVISED PER NJDOT COMMENTS		10/29/2025
5			
6			
7			
8			
9) (

SCALE: 1" = 1000'

1000' 500' 0 1000'

SCALE IN FEET

0'
1000'
JAMES M DEYERLE, PE

NJ LICENSE #24GE06090400



450 DAVIS DRIVE, PLYMOUTH MEETING, PA 19462 OFFICE NUMBER: 484-344-2161

SOUTH JERSEY
GAS 1 SOUTH JERSEY PLACE, ATLANTIC CITY, N. TELEPHONE: (609) 561-9000 FAX: 609-852-2371

PROPOSED 12" STEEL GAS TRANSMISSION LINE
PERMIT DRAWINGS
CAPE MAY DIVISION

 CAPE MAY LATERAL REPLACEMENT - PHASE 2

 TRAFFIC CONTROL PLAN

 DENNIS TWP
 CAPE MAY
 NEW JERSEY

 RAWN BY
 DT
 DATE
 10/24/2025
 PLATE MAP
 MULTIPLE

 HECKED BY
 RA
 SCALE
 1" = 1000'
 WORK ORDER
 5436482

