HIGH FRICTION SURFACE TREATMENT LOCATIONS

1. LOCATION R1 - THARP ROAD
2. LOCATION R2 - KIRKWOOD-ST. GEORGE'S ROAD
3. LOCATION R3 - MT. FRIENDSHIP ROAD
4. LOCATION R4 - MORRIS MILL ROAD
5. LOCATION R5 - MONTCHANIN ROAD
6. LOCATION R6 - BAYARD ROAD
7. LOCATION R7 - OAK ROAD
8. LOCATION R8 - MORRIS MILL ROAD
9. LOCATION R9 - NEW LONDON ROAD
10. LOCATION R10 - OAK ROAD
11. LOCATION R11 - GUM ROAD
12. LOCATION R12 - CANNON ROAD
13. LOCATION R13 - ABBURY ROAD
14. LOCATION R14 - PHILLIPS BRANCH ROAD
15. LOCATION R15 - CONCORD POND ROAD
16. LOCATION R17 - THOMPSONVILLE ROAD (BETTS POND ROAD)
17. LOCATION R18 - GRAVEL HILL ROAD
18. LOCATION R19 - NEWTON ROAD
19. LOCATION R20 - OLD FURNACE ROAD

ADDENDUM PREPARED BY
WRA Whitman, Requardt and Associates, LLP

REVISION PREPARED BY
WRA Whitman, Requardt and Associates, LLP

INDEX OF SHEETS

DESIGN DESIGNATION
SEE LOCATION SPECIFIC PLANS

TABLE OF CONTENTS

TOTAL SHEETS 25
GENERAL NOTES

1. This project is to be constructed in accordance with the Delaware Department of Transportation standards specifications, dated August 2019 and the Delaware Department of Transportation standard construction details, dated 2019, inclusive, as revisions up to the date of advertisement.

2. Electronic project files that will be made available to the non-contractor include:
   -前三行
   -ADD/DRAWING NUMBER
   -COVER SHEET
   -EXISTING DIGITAL TERRAIN MODEL
   -PROPOSED DIGITAL TERRAIN MODEL
   -DESIGN FILE, IN DWG FORMAT, CONTAINING ONLY THE PROPOSED TRACT OF THE PROPOSED DIGITAL TERRAIN MODEL.

NOTE: THE DOCUMENT SPECIFIED FOR DELIVERY OF DOCUMENTS IN ELECTRONIC FORM TO A CONTRACTOR MUST BE SIGNED BY ALL PARTIES PRIOR TO THE DELIVERY OF ANY ELECTRONIC PROJECT FILE.

PROJECT NOTES

SECTION 100

1. The contractor will construct the Delaware m at the 300-400. Prior to any underground utility work (boring), the contractor will be required to furnish the following information: the registration number of the监理, the registration number of the监理, and the site plan of the project.

2. NOTE: THE DOCUMENT ENTITLED “RELEASE FOR DELIVERY OF DOCUMENTS IN ELECTRONIC FORM TO A CONTRACTOR,” MUST BE SIGNED BY ALL PARTIES PRIOR TO THE DELIVERY OF ANY ELECTRONIC PROJECT FILE.

SECTION 400

1. UNLESS SPECIFIED, DETAIL NOTE WILL MATCH EXISTING NOTES.


SECTION 700

1. ALL AERIAL MARKINGS WILL BE LABELED WITH THE CONTRACTOR’S NAME, DATE, AND LOCATION.

2. THE CONTRACTOR’S NAME, DATE, AND LOCATION.

MISCELLANEOUS

1. THE CONTRACTOR SHALL CONTACT THE DEPARTMENT OF TRANSPORTATION AT 300-400 PRIOR TO ANY UNDERGROUND UTILITY WORK (BORING). THE CONTRACTOR WILL BE REQUIRED TO FURNISH THE FOLLOWING INFORMATION:

   a. DRIVEWAYS
   b. CURB AND GUTTER INSTALLATION.
   c. LOW VOLUME ACCESS RAMPS (IDENTIFIED IN THE CONTRACT DOCUMENTS)
   d. EDGE DROP-OFFS ADJACENT TO LIVE ROADWAY (LANES AND SHOULDER) AND THE PROPOSED ROAD CONSTRUCTION
   e. EDGE OF ROADWAY DROP-OFF

2. THE CONTRACTOR SHALL PLACE A 500-600 DROP-OFF MATERIALS AT THE BEGINNING AND END OF THE WORK LIMITS 10 DAYS PRIOR TO THE START OF ROAD WORK. THE MESSAGE SHALL BE AS FOLLOWS:

   a. DRIVEWAYS
   b. CURB AND GUTTER INSTALLATION.
   c. LOW VOLUME ACCESS RAMPS (IDENTIFIED IN THE CONTRACT DOCUMENTS)
   d. EDGE DROP-OFFS ADJACENT TO LIVE ROADWAY (LANES AND SHOULDER) AND THE PROPOSED ROAD CONSTRUCTION
   e. EDGE OF ROADWAY DROP-OFF

3. THE USE OF MELTING-CURED CHAINS (SCS), IN THE TRAVEL LANE, WILL REDUCE VEHICLE SPEEDS AND IMPROVE SAFETY. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:

   a. DRIVEWAYS
   b. CURB AND GUTTER INSTALLATION.
   c. LOW VOLUME ACCESS RAMPS (IDENTIFIED IN THE CONTRACT DOCUMENTS)
   d. EDGE DROP-OFFS ADJACENT TO LIVE ROADWAY (LANES AND SHOULDER) AND THE PROPOSED ROAD CONSTRUCTION
   e. EDGE OF ROADWAY DROP-OFF

4. THE USE OF MELTING-CURED CHAINS (SCS), IN THE TRAVEL LANE, WILL REDUCE VEHICLE SPEEDS AND IMPROVE SAFETY. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:

   a. DRIVEWAYS
   b. CURB AND GUTTER INSTALLATION.
   c. LOW VOLUME ACCESS RAMPS (IDENTIFIED IN THE CONTRACT DOCUMENTS)
   d. EDGE DROP-OFFS ADJACENT TO LIVE ROADWAY (LANES AND SHOULDER) AND THE PROPOSED ROAD CONSTRUCTION
   e. EDGE OF ROADWAY DROP-OFF

5. THE USE OF MELTING-CURED CHAINS (SCS), IN THE TRAVEL LANE, WILL REDUCE VEHICLE SPEEDS AND IMPROVE SAFETY. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:

   a. DRIVEWAYS
   b. CURB AND GUTTER INSTALLATION.
   c. LOW VOLUME ACCESS RAMPS (IDENTIFIED IN THE CONTRACT DOCUMENTS)
   d. EDGE DROP-OFFS ADJACENT TO LIVE ROADWAY (LANES AND SHOULDER) AND THE PROPOSED ROAD CONSTRUCTION
   e. EDGE OF ROADWAY DROP-OFF
SEQUENCE OF CONSTRUCTION:

1. PLACE ROAD WORK AHEAD AND "END ROAD WORK" SIGNS IN EACH DIRECTION 500 FEET UPSTREAM AND 500 FEET DOWNSTREAM OF WORK AREA. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.

2. USING THE SETOUP PROVIDED ON SHEET 6 DURING ALLOWABLE LANE CLOSURE HOURS, MILE POINT 2.56 TO 2.62, REMOVE "ROAD WORK AHEAD" AND "END ROAD WORK" SIGNS IN EACH DIRECTION, 1000 FEET UPSTREAM AND 100 FEET DOWNSTREAM OF WORK AREA. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.

3. USING THE SETOUP PROVIDED ON SHEET 6 DURING ALLOWABLE LANE CLOSURE HOURS, PAVE THE BITUMINOUS CONCRETE PAVEMENT WITHIN THE LIMITS SHOWN. AT THE END OF EACH DAY'S OPERATION, PRIOR TO REMOVING TEMPORARY TRAFFIC CONTROL, PLACE TEMPORARY STRIPING TO MATCH EXISTING STRIPING.

4. USING THE SETOUP PROVIDED ON SHEET 6 DURING ALLOWABLE LANE CLOSURE HOURS, MILE POINT 2.56 TO 2.62, PLACE "ROAD WORK AHEAD" AND "END ROAD WORK" SIGNS IN EACH DIRECTION, UPSTREAM AND DOWNSTREAM OF WORK AREA. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.

5. USING THE SETOUP PROVIDED ON SHEET 6 DURING ALLOWABLE LANE CLOSURE HOURS, MILE POINT 2.56 TO 2.62, PLACE "ROAD WORK AHEAD" AND "END ROAD WORK" SIGNS IN EACH DIRECTION, 1000 FEET UPSTREAM AND 100 FEET DOWNSTREAM OF WORK AREA. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.

6. PERFORM ADDITIONAL SWEEPING AS REQUIRED BY THE CONTRACT DOCUMENTS.

END WORK 39°34'14.00"N 75°41'48.41"W MILEPOINT 2.62

BEGIN WORK 39°34'10.93"N 75°41'46.77"W MILEPOINT 2.56

LOCATION PLAN
KIRKWOOD ST. GEORGES ROAD (N409)
END WORK
39°14′06.68"N
75°38′06.39"W
MILEPOINT 0.91

BEGIN WORK
39°13′53.98"N
75°37′50.09"W
MILEPOINT 0.54

LOCATION PLAN
MT. FRIENDSHIP ROAD (K91)

SEQUENCE OF CONSTRUCTION:

1. 10 DAYS PRIOR TO THE START OF WORK, PLACE ONE MESSAGE BOARD IN EACH DIRECTION AT THE LIMITS OF WORK. MESSAGE SHALL BE AS SHOWN IN MAINTENANCE OF TRAFFIC NOTE 6 ON THE CONTRACT DOCUMENTS.

2. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS IN EACH DIRECTION, 1,000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.

3. USING TA-10 DURING ALLOWABLE LANE CLOSURE HOURS, MILL 2" OF BITUMINOUS CONCRETE PAVEMENT WITHIN THE LIMITS SHOWN AT THE END OF EACH WORK DAY, PRIOR TO REMOVING TEMPORARY TRAFFIC CONTROL, PLACE TEMPORARY STRIPING TO MATCH EXISTING STRIPING.

4. USING TA-10 DURING ALLOWABLE LANE CLOSURE HOURS, MILL THE TYPE C WEARING COURSE WITHIN THE LIMITS SHOWN AT THE END OF EACH WORK DAY, PRIOR TO REMOVING TEMPORARY TRAFFIC CONTROL, PLACE TEMPORARY STRIPING TO MATCH EXISTING STRIPING.

5. USING TA-10 DURING ALLOWABLE LANE CLOSURE HOURS, PLACE PERMANENT MILLING, BITUMINOUS CONCRETE PAVEMENT.

6. USING TA-17A DURING ALLOWABLE LANE CLOSURE HOURS, PLACE PERMANENT PAVEMENT STRIPING EPOXY RESIN PAINT, WHITE/YELLOW, 5" WITHIN THE LIMITS SHOWN.

7. PERFORM ADDITIONAL SWEEPING AS REQUIRED BY THE CONTRACT DOCUMENTS.
LOCATION PLAN
MORRIS MILL ROAD (S297)

SEQUENCE OF CONSTRUCTION

1. 10 DAYS PRIOR TO THE START OF WORK, PLACE ONE MESSAGE BOARD IN EACH DIRECTION AT THE LIMITS OF WORK. MESSAGE SHALL BE AS SHOWN IN MAINTENANCE OF TRAFFIC NOTE 6 ON THE CONTRACT DOCUMENTS.

2. PLACE "ROAD WORK AHEAD" AND "END ROAD WORK" SIGNS IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSRREEM OF WORK AREA. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.

3. USING TA-10 DURING ALLOWABLE LANE CLOSURE HOURS, MOW 2" OF BITUMINOUS CONCRETE PAVEMENT WITHIN THE LIMITS SHOWN. AT THE END OF EACH DAY'S OPERATION, PRIOR TO REMOVING TEMPORARY TRAFFIC CONTROL, PLACE TEMPORARY STRIPING TO MATCH EXISTING STRIPING.

4. USING TA-10 DURING ALLOWABLE LANE CLOSURE HOURS, MILL 2" OF BITUMINOUS CONCRETE WITHIN THE LIMITS SHOWN. AT THE END OF EACH DAY'S OPERATION, PLACE HIGH FRICTION SURFACE TREATMENT, SWEEP ROADWAY IN THE LIMITS SHOWN. AFTER PLACING HIGH FRICTION SURFACE TREATMENT, SWEEP ROADWAY IN THE LIMITS SHOWN. AT THE END OF EACH DAY'S OPERATION, PRIOR TO REMOVING TEMPORARY TRAFFIC CONTROL, PLACE TEMPORARY STRIPING TO MATCH EXISTING STRIPING.

5. USING TA-17A DURING ALLOWABLE LANE CLOSURE HOURS, PLACE PERMANENT STRIPING. REMOVE TEMPORARY TRAFFIC CONTROL, PLACE TEMPORARY STRIPING TO MATCH EXISTING STRIPING.

6. USING TA-17A DURING ALLOWABLE LANE CLOSURE HOURS, PLACE PERMANENT STRIPING. REMOVE TEMPORARY TRAFFIC CONTROL, PLACE TEMPORARY STRIPING TO MATCH EXISTING STRIPING.

7. PERFORM ADDITIONAL SWEEPING AS REQUIRED BY THE CONTRACT DOCUMENTS.

END WORK 38°38'13.50"N 75°18'54.50"W
MILEPOINT 0.09

BEGIN WORK 38°38'13.50"N 75°18'54.50"W
MILEPOINT 0.00
SEQUENCE OF CONSTRUCTION

1. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS IN EACH DIRECTION, 100 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.

2. USING THE DETOUR PLAN ON SHEET 10 DURING ALLOWABLE LANE CLOSURE HOURS, PLACE PERMANENT STRIPING. PRIOR TO REMOVING TEMPORARY TRAFFIC CONTROL, PLACE TEMPORARY STRIPING TO MATCH EXISTING STRIPING.

3. USING THE DETOUR PLAN ON SHEET 10 DURING ALLOWABLE LANE CLOSURE HOURS, PLACE THE TYPE C WEARING COURSE WITHIN THE LIMITS SHOWN. AT THE END OF EACH DAY'S OPERATION, PRIOR TO REMOVING TEMPORARY TRAFFIC CONTROL, PLACE TEMPORARY STRIPING TO MATCH EXISTING STRIPING.

4. USING TA-17A DURING ALLOWABLE LANE CLOSURE HOURS, PLACE PERMANENT STRIPING.

5. USING THE DETOUR PLAN ON SHEET 10 DURING ALLOWABLE LANE CLOSURE HOURS, MILL 2" OF BITUMINOUS CONCRETE PAVEMENT WITHIN THE LIMITS SHOWN. AT THE END OF EACH DAY'S OPERATION, PRIOR TO REMOVING TEMPORARY TRAFFIC CONTROL, PLACE PERMANENT STRIPING.

6. USING TA-17A DURING ALLOWABLE LANE CLOSURE HOURS, PERFORM ADDITIONAL SWEEPING AS REQUIRED BY THE CONTRACT DOCUMENTS.

END WORK
39°48'51.74"N 75°35'12.15"W
MILEPOINT 3.69

BEGIN WORK
39°48'46.95"N 75°35'10.60"W
MILEPOINT 3.79

LOCATION PLAN
MONTCHANIN ROAD (N232)
PORTABLE CHANGEABLE MESSAGE SIGNS

DE 100
TO CLOSE

STARTING
XX/XXXX
XAM-XPM

GENERAL NOTES

1. All temporary traffic control devices, signs, and markings shall be in accordance with the Delaware Manual on Uniform Traffic Control Devices (DE MUTCD) latest edition.

2. These restrictions shall not apply to emergency vehicles, service vehicles, and law enforcement vehicles.

3. Signs "N" through "Q" and "T" and "V", the word "ROAD" shall be changed to "RAMP", "RR XING" or "BRIDGE" where applicable.

4. Detour signs shall be posted at a minimum of 6 feet high inside or outside of the control zone.

DATE: 9/1/2020

CONCURRENCE FOR IMPLEMENTATION

9/2/20

PE: S. HOYE

A. WEISER

PREPARED BY

Whitman, Requardt and Associates, LLP

Engineers, Planners, Environmental Planners

Est. 1915

LOCATION: R5

MONTCHANIN ROAD

HIGH FRICTION SURFACE TREATMENT

RURAL

DETUR PLAN

LOCATION: RD

MONTCHANIN ROAD

NOT TO SCALE

DETOUR PLAN

N232
**SEQUENCE OF CONSTRUCTION**

1. 30 days prior to the start of work, place one message board in each direction at the limits of work. Message shall be as shown in Maintenance of Traffic Note 6 on Sheet A.

2. Using TA-17, during allowable lane closure hours, mask pavement markings and utility appurtenances and place high friction surface treatment in each travel lane within the limits shown. After placing high friction surface treatment, sweep roadway in accordance with the contract documents. Remove pavement marking machine and open travel lanes.

3. Using TA-15, during allowable lane closure hours, perform additional sweeping as required by the contract documents.
LOCATION PLAN
OAK ROAD (N594)

END WORK
38°44'22.98"N
75°32'52.79"W
MILEPOINT 2.25

BEGIN WORK
38°44'18.00"N
75°32'55.90"W
MILEPOINT 2.16

SEQUENCE OF CONSTRUCTION:

1. 10 DAYS PRIOR TO THE START OF WORK, PLACE ONE MESSAGE BOARD IN EACH DIRECTION AT THE LIMITS OF WORK. MESSAGE SHALL BE AS SHOWN IN MAINTENANCE OF TRAFFIC NOTE 6 ON SHEET A.

2. USING 14-10 DURING ALLOWABLE LANE CLOSURE HOURS, REMOVE PAVEMENT MARKINGS AND UTILITY APARTMENTS AND PLACE HIGH FRICTION SURFACE TREATMENT IN EACH TRAVEL LANE WITHIN THE LIMITS SHOWN.

3. AFTER PLACING HIGH FRICTION SURFACE TREATMENT, SWEEP ROADWAY IN ACCORDANCE WITH THE LIMITS OF WORK. MESSAGE SHALL BE AS SHOWN IN MAINTENANCE OF TRAFFIC NOTE 6 ON SHEET A.

4. REMOVE PAVEMENT MARKING WORKING AND OPEN TRAVEL LANES.

5. PERFORM ADDITIONAL SWEEPING AS REQUIRED BY THE CONTRACT DOCUMENTS.

QUANTITIES

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ALLOWABLE LANE CLOSURE SCURES-OAK ROAD

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Lane Closure Permitted
All Lanes Open
LOCATION PLAN
MORRIS MILL ROAD (S297)

BEGIN WORK
38°38'04.21"N
75°18'46.33"W
MILEPOINT 0.31

END WORK
38°38'00.96"N
75°18'15.16"W
MILEPOINT 0.45

SUSSEX COUNTY DEPARTMENT OF HIGHWAYS

QUANTITIES

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ALLOWABLE LANE CLOSURE HOURS - MORRIS MILL ROAD

SEQUENCE OF CONSTRUCTION:

1. BEGIN 10 DAYS PRIOR TO THE START OF WORK, PLACE ONE MESSAGE BOARD IN EACH DIRECTION AT THE LIMITS OF WORK. MESSAGE SHALL BE AS SHOWN IN MAINTENANCE OF TRAFFIC NOTE 6 ON SHEET 1.

2. PLACE "ROAD WORK AHEAD" AND "END ROAD WORK" SIGNS IN EACH DIRECTION 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.

3. USING TA-10 DURING ALLOWABLE LANE CLOSURE HOURS, MILL 2" OF BITUMINOUS CONCRETE PAVEMENT WITHIN THE LIMITS SHOWN AT THE END OF EACH WORK DAY, PRIOR TO REMOVING TEMPORARY TRAFFIC CONTROL. PLACE TEMPORARY TRAFFIC CONTROL TO MATCH EXISTING PAVEMENT MARKINGS WITHIN THE LIMITS SHOWN. AT THE END OF EACH DAY'S OPERATION, PRIOR TO REMOVING TEMPORARY TRAFFIC CONTROL, PLACE TEMPORARY TRAFFIC CONTROL TO MATCH EXISTING PAVEMENT MARKINGS WITHIN THE LIMITS SHOWN.

4. USING TA-10 DURING ALLOWABLE LANE CLOSURE HOURS, REMOVE TEMPORARY TRAFFIC CONTROL, PLACE 'ROAD WORK AHEAD' AND 'END ROAD WORK' SIGNS IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.

5. PLACE temporary TRAFFIC CONTROL, PLACE TEMPORARY STRIPING TO MATCH EXISTING STRIPING WITHIN THE LIMITS SHOWN.

6. PLACE 'ROAD WORK AHEAD' AND 'END ROAD WORK' SIGNS. REMOVE TEMPORARY TRAFFIC CONTROL, PLACE 'ROAD WORK AHEAD' AND 'END ROAD WORK' SIGNS IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.

7. PERFORM ADDITIONAL SWEEPING AS REQUIRED BY THE CONTRACT DOCUMENTS.
LOCATION PLAN
NEW LONDON ROAD (N262)

END WORK
39°47'29.32"N
75°37'30.48"W
MILEPOINT 0.99

BEGIN WORK
39°47'25.64"N
75°37'33.99"W
MILEPOINT 0.89

SEQUENCE OF CONSTRUCTION:
1. PLACE ROAD WORK AHEAD AND "END ROAD WORK" SIGNS IN EACH DIRECTION 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.
2. USING THE DETOUR PROVIDED ON SHEET IS DURING ALLOWABLE LANE CLOSURE HOURS. USE "ROAD WORK AHEAD" AND "END ROAD WORK" SIGNS IN EACH DIRECTION. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.
3. USING THE DETOUR PROVIDED ON SHEET IS DURING ALLOWABLE LANE CLOSURE HOURS. ALL "ROAD WORK" AND "END ROAD WORK" SIGNS IN EACH DIRECTION. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.
4. USING THE DETOUR PROVIDED ON SHEET IS DURING ALLOWABLE LANE CLOSURE HOURS. PLACE "ROAD WORK AHEAD" AND "END ROAD WORK" SIGNS IN EACH DIRECTION. THESE SIGNS SHALL REMAIN IN PLACE UNTIL HIGH FRICTION SURFACE TREATMENT IS INSTALLED.
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6. PERFORM ADDITIONAL SWEEPING AS REQUIRED BY THE CONTRACT DOCUMENTS.

QUANTITIES

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ALLOWABLE LANE CLOSURE HOURS - NEW LONDON ROAD

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</table>

DESIGN DESIGNATION

NEW LONDON ROAD (N262)

SCALE: 1" = 200'
**SEQUENCE OF CONSTRUCTION**

1. No work shall begin prior to the start of work. One message board in each direction at the limits of work. Message shall be as shown in Maintenance of Traffic Note 8 on Sheet 4.

2. Using TA-10 during allowable lane closure hours, mask pavement markings and utility appurtenances and place high friction surface treatment in each travel lane within the limits shown.

3. After placing high friction surface treatment, sweep roadway in accordance with Contract Documents.

4. Remove pavement marking masking and open travel lanes.

5. Perform additional sweeping as required by the Contract Documents.

**HIGH FRICTION SURFACE TREATMENT - RURAL**

**OAK ROAD (N594)**

**LOCATION PLAN**

**BEGIN WORK**
38°42'59.04"N 75°33'10.87"W
MILEPOINT 0.60

**END WORK**
38°43'03.34"N 75°33'10.69"W
MILEPOINT 0.69

**ALLOWABLE LANE CLOSURE HOURS-OAK ROAD**

**ITEM**

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<th>QUANTITIES</th>
<th>U.O.M.</th>
<th>ITEM DESCRIPTION</th>
<th>QUANTITY</th>
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<td>810001</td>
<td>EA-DY</td>
<td>TEMPORARY WARNING SIGNS AND PLAQUES</td>
<td>16</td>
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<td>811001</td>
<td>HR</td>
<td>FLAGGER, SURREY COUNTY, FEDERAL</td>
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<tr>
<td>811010</td>
<td>HR</td>
<td>FLAGGER, OVERY</td>
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**SEQUENCE OF CONSTRUCTION**

- No work shall begin prior to the start of work. One message board in each direction at the limits of work. Message shall be as shown in Maintenance of Traffic Note 8 on Sheet 4.
- Using TA-10 during allowable lane closure hours, mask pavement markings and utility appurtenances and place high friction surface treatment in each travel lane within the limits shown.
- After placing high friction surface treatment, sweep roadway in accordance with Contract Documents.
- Remove pavement marking masking and open travel lanes.
- Perform additional sweeping as required by the Contract Documents.

**LOCATION PLAN**

**Oak Road (N594)**

**SEQUENCE OF CONSTRUCTION**

1. No work shall begin prior to the start of work. One message board in each direction at the limits of work. Message shall be as shown in Maintenance of Traffic Note 8 on Sheet 4.

2. Using TA-10 during allowable lane closure hours, mask pavement markings and utility appurtenances and place high friction surface treatment in each travel lane within the limits shown.

3. After placing high friction surface treatment, sweep roadway in accordance with Contract Documents.

4. Remove pavement marking masking and open travel lanes.

5. Perform additional sweeping as required by the Contract Documents.
**SEQUENCE OF CONSTRUCTION**

1. Use the detour provided on Sheet 18 to close Gum Road during allowable lane closure hours. Park pavement markings and utility appurtenances. Place high friction surface treatment in each travel lane within the lane closure.

2. After placing high friction surface treatment, sweep roadway in accordance with the contract documents.

3. Remove masking from pavement markings and utility appurtenances and open road to traffic. Remove all detour signage and barricades.

4. During allowable lane closure hours, utilize TA-17, perform additional sweeping as required by the contract documents.

**ALLOWABLE LANE CLOSURE HOURS - GUM RD**

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<th>Sunday</th>
<th>Monday</th>
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**DESIGN DESIGNATION**

- **Road No.:** S392
- **Description:** Gum Road
- **Location:** County (Rural)
- **High Friction Surface Treatment:** Rural

**QUANTITIES**

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<th>U.O.M.</th>
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**LOCATION PLAN**

- **Gum Road (S392)**

**QUANTITIES**

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<td>613001</td>
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<td>Temporary Barricades, Type III</td>
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LOCATION PLAN
CANNON ROAD (S307)

END WORK
38°37'36.87"N
75°13'12.37"W
MILEPOINT 0.30

BEGIN WORK
38°37'28.99"N
75°13'18.37"W
MILEPOINT 0.00

SEQUENCE OF CONSTRUCTION
1. DO NOT PLACE OR DETOUR WORKERS ON SHEET OR CLOSE CANNON ROAD DURING ALLOWABLE LANE CLOSURE HOURS. 
   PERMITTED WORK MUST BE LIMITED TO THE LIMITS SHOWN ON SHEET 20. ALLOWABLE LANE CLOSURE HOURS COMMENCE AT 7:00 AM ONトリプレーショント-marketed
   TUESDAY, SEPTEMBER 24, 2019, AND END AT 6:00 PM ON FRIDAY, SEPTEMBER 27, 2019.

2. AFTER PLACING HIGH FRICTION SURFACE TREATMENT, SWEEP ROADWAY IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. REMOVE MARKING FROM PAVEMENT MARKINGS AND UTILITY APPURTENANCES AND OPEN ROAD TO TRAFFIC. REMOVE ALL DETOUR SIGNAGE AND BARRICADES.
4. DURING ALLOWABLE LANE CLOSURE HOURS, UTILIZING TA-17, PERFORM ADDITIONAL SWEEPING AS REQUIRED BY THE CONTRACT DOCUMENTS.

SUSSEX COUNTY
S307
D. GUNYUZLU
A. WEISER
CONSTRUCTION PLAN
LOCATION R12
CANNON ROAD
HCRG
97/2099196
N:\PRODUCTS\SUSSEX COUNTY\S307\CONTRACT DOCUMENTS\FOR PRINTING\RURAL\CANNON ROAD - R12 (SHEET 19).dgn
PORTABLE CHANGEABLE MESSAGE SIGNS

PREVIOUS TO DETOUR
10 DAYS PRIOR TO START OF DETOUR

CANNON ROAD TO CLOSE

STARTING XXXXXXX XAM-XPM

DURING DETOUR
FOLLOW DETOUR

CANNON ROAD CLOSED

SPECIAL SIGNS

09-01-2020
9/1/2020
DATE

SEAL

PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

"I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN COMPLIANCE WITH THIS PLAN AND THE DELAWARE MANUAL ON SIGNS "N" THROUGH "Q" AND "T" AND "V", THE WORD "ROAD" FROM EDGE OF ROAD TO EDGE OF ROAD, WITH THE STRIPES DIRECTED BY THE ENGINEER.

GENERAL NOTES
1. MILL TOWNSHIP: MILL TOWNSHIP RESERVED THE RIGHT TO BE CLOSED UNTIL DEPARTMENT OF ENVIRONMENTAL PROTECTION COMPARES OFFICIAL MAP. NO VEHICLES WILL ENTER OR LEAVE PROPERTY AFTER ROAD IS CLOSED.

2. PINS AT LONG NECK

3. SAVANNAH ACRES

4. CANNON ROAD

NOT TO SCALE
HIGH FRICTION SURFACE TREATMENT
RURAL
LOCATION PLAN
ASBURY ROAD (S446)

END WORK
38°40'41.23"N
75°25'43.26"W
MILEPOINT 9.70

BEGIN WORK
38°40'34.78"N
75°25'47.96"W
MILEPOINT 9.40

SEQUENCE OF CONSTRUCTION
1. CONSTRUCT DETOUR MARKERS ON SHEET 20, CLOSE ASBURY ROAD DURING ALLOWABLE LANE CLOSURE HOURS. MASK EXISTING PAVEMENT MARKINGS AND UTILITY APPURTENANCES. PLACE HIGH FRICTION SURFACE TREATMENT IN EACH TRAVEL LANE WITHIN THE LIMITS SHOWN.
2. AFTER PLACING HIGH FRICTION SURFACE TREATMENT, SWEEP ROADWAY IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. REMOVE MASKING FROM PAVEMENT MARKINGS AND UTILITY APPURTENANCES, OPEN ROAD TO TRAFFIC AND REMOVE ALL DETOUR SIGNAGE AND BARRICADES.
4. DURING ALLOWABLE LANE CLOSURE HOURS, USING TA-17, PERFORM ADDITIONAL SWEEPING AS REQUIRED BY THE CONTRACT DOCUMENTS.

QUANTITIES

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<tr>
<th>ITEM</th>
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ALLOWABLE LANE CLOSURE HOURS - ASBURY ROAD

| 12:00 AM | 1:00 AM | 2:00 AM | 3:00 AM | 4:00 AM | 5:00 AM | 6:00 AM | 7:00 AM | 8:00 AM | 9:00 AM | 10:00 AM | 11:00 AM | 12:00 PM | 1:00 PM | 2:00 PM | 3:00 PM | 4:00 PM | 5:00 PM | 6:00 PM | 7:00 PM | 8:00 PM | 9:00 PM | 10:00 PM | 11:00 PM |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| SUNDAY   |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| MONDAY   |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| TUESDAY  |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| WEDNESDAY|         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| THURSDAY |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| FRIDAY   |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| SATURDAY |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE GUIDELINES SPECIFIED IN THE DELAWARE MANUAL ON TRAFFIC CONTROL. THIS PLAN IS FOR TEMPORARY TRAFFIC CONTROL CONSISTING OF PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS). THESE SIGNS ARE DESIGNED TO DIRECT TRAFFIC AROUND THE WORK ZONE DURING THE CONSTRUCTION PERIOD. THE SIGNS ARE POSITIONS ACCORDING TO THE DETOUR PLAN AND ARE TO BE PLACED SO AS NOT TO OBSTRUCT THE ROADWAY. THE SIGNS ARE TO BE PLACED AT INTERVALS ALONG THE ROAD TO DIRECT TRAFFIC AROUND THE WORK ZONE. THE SIGNS ARE TO BE PLACED IN A LOCATION WHERE THEY ARE VISIBLE TO TRAFFIC AND DO NOT OBSTRUCT THE ROADWAY. THE SIGNS ARE TO BE KEPT CLEAN AND IN GOOD CONDITION. THE SIGNS ARE TO BE REMOVED AT THE END OF THE CONSTRUCTION PERIOD. THE SIGNS ARE TO BE PLACED AT INTERVALS ALONG THE ROAD TO DIRECT TRAFFIC AROUND THE WORK ZONE. THE SIGNS ARE TO BE PLACED IN A LOCATION WHERE THEY ARE VISIBLE TO TRAFFIC AND DO NOT OBSTRUCT THE ROADWAY. THE SIGNS ARE TO BE KEPT CLEAN AND IN GOOD CONDITION. THE SIGNS ARE TO BE REMOVED AT THE END OF THE CONSTRUCTION PERIOD.

NOT TO SCALE

HIGH FRICTION SURFACE TREATMENT
RURAL

CONCURRENCE FOR IMPLEMENTATION

9/2/20

D. GUNYUZLU

PREPARED BY
Whitman, Requardt and Associates, LLP

DATE
09/22/2020

LOCAL TRAFFIC ONLY
ROAD CLOSED
ROAD CLOSED AHEAD
LOCAL TRAFFIC ONLY
PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
**SEQUENCE OF CONSTRUCTION**

1. 15 DAYS PRIOR TO THE START OF WORK, PLACE ONE MESSAGE BOARD IN EACH DIRECTION AT THE LIMITS OF WORK. MESSAGE SHALL BE AS SHOWN IN MAINTENANCE OF TRAFFIC NOTE 6 ON SHEET 3.

2. USING TA-10, CLOSE ONE LANE AT A TIME ON CONCORD POND ROAD DURING ALLOWABLE LANE CLOSURE HOURS. MASK EXISTING PAVEMENT MARKINGS AND UTILITY APPURTENANCES. PLACE HIGH FRICTION SURFACE TREATMENT IN EACH TRAVEL LANE WITHIN THE LIMITS SHOWN.

3. AFTER PLACING HIGH FRICTION SURFACE TREATMENT, SWEEP ROADWAY IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

4. REMOVE MASKING FROM PAVEMENT MARKINGS AND UTILITY APPURTENANCES. OPEN ROAD TO TRAFFIC AND REMOVE ALL DETOUR SIGNS AND BARRICADES.

5. DURING ALLOWABLE LANE CLOSURE HOURS, USING TA-10, PERFORM ADDITIONAL SWEEPING AS REQUIRED BY THE CONTRACT DOCUMENTS.

**ADDENDA / REVISIONS**

**QUANTITIES**

<table>
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<th>ITEM</th>
<th>U. O. M.</th>
<th>ITEM DESCRIPTION</th>
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<td>810301</td>
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<td>EA-DY</td>
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<td>TEMPORARY HOURS, SUSSEX COUNTY, FEDERAL, OVERTIME</td>
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**ALLOWABLE LANE CLOSURE HOURS - CONCORD POND ROAD**

<table>
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**Lane Closure Permitted**

1. All Lanes Open

LOCATION PLAN
CONCORD POND ROAD (S516 / S524)

END WORK S516
38°38'41.56"N
75°33'12.22"W
MILEPOINT 0.07

BEGIN WORK S524
38°38'35.55"N
75°33'14.47"W
MILEPOINT 0.28

END WORK S524 (MP 0.33)
BEGIN WORK S516 (MP 0.00)
38°38'12.12"N
75°33'12.44"W

**HIGH FRICTION SURFACE TREATMENT RURAL**

CONSTRUCTION PLAN LOCATION P10 / P16
CONCORD POND ROAD

S516 / S524
END WORK
38°35'55.34"N
75°18'31.12"W
MILEPOINT 1.05

BEGIN WORK
38°35'42.14"N
75°18'08.28"W
MILEPOINT 0.62

SLOW CURVE PAVEMENT MARKINGS
(DETAIL A)

LOCATION PLAN
BETTS POND ROAD (S326)
LOCATION PLAN
GRAVEL HILL ROAD (S248)

END WORK
38°39'55.65"N
75°18'02.68"W
MILEPOINT 4.88

BEGIN WORK
38°39'43.04"N
75°17'56.13"W
MILEPOINT 4.59

ALLOWABLE LANE CLOSURE HOURS - GRAVEL HILL ROAD

SUNDAY
MONDAY
TUESDAY
WEDNESDAY
THURSDAY
FRIDAY
SATURDAY

QUANTITIES

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SEQUENCE OF CONSTRUCTION:
1. 60 DAYS PRIOR TO THE START OF WORK, PLACE ONE MESSAGE BOARD IN EACH DIRECTION AT THE LIMITS OF WORK. MESSAGE SHALL BE AS SHOWN IN MAINTENANCE OF TRAFFIC NOTE B ON SHEET 1.
2. USE TA-10, CLOSE ONE LANE AT A TIME DURING ALLOWABLE LANE CLOSURE HOURS. MASK EXISTING PAVEMENT MARKINGS AND UTILITY APPURTENANCES. PLACES HIGH FRICTION SURFACE TREATMENT IN EACH TRAVEL LANE WITHIN THE LIMITS SHOWN.
3. REMOVE MASKING FROM PAVEMENT MARKINGS AND UTILITY APPURTENANCES. PLACES HIGH FRICTION SURFACE TREATMENT IN EACH TRAVEL LANE WITHIN THE LIMITS SHOWN.
4. SWEEP ROADWAY IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
5. DURING ALLOWABLE LANE CLOSURE HOURS, UTILIZING TA-17, PERFORM ADDITIONAL SWEEPING AS REQUIRED BY THE CONTRACT DOCUMENTS.

DESIGN DESIGNATION

ROAD NO. S248
CONSTRUCTION PLAN LOCATION R1B GRAVEL HILL ROAD

SCALE

HIGH FRICTION SURFACE TREATMENT
RURAL

END POINT A. R. ROBERTS
C. HOLLOWAY
A. WEISER

CONTRACT DOCUMENT
COUNTY DESIGNED BY:
CHECKED BY:
ADDENDA / REVISIONS

UNIT NO. SHEET NO. N :3 2 1 2 - 0 2 8 - C A D D - H F S T - R U R A L - C P 0 1_ S 2 4 8 _ R 18 (S H E E T 2 7 ).d g n
8 /3 1/2 0 2 0 5 :16 :3 4 P M
LOCATION PLAN
NEWTON ROAD (S582)

SEQUENCE OF CONSTRUCTION:
1. 10 DAYS PRIOR TO THE START OF WORK, PLACE ONE MESSAGE BOARD IN EACH DIRECTION AT THE LIMITS OF WORK. MESSAGE SHALL BE AS SHOWN IN MAINTENANCE OF TRAFFIC NOTE 6 ON SHEET 3.
2. DURING ALLOWABLE LANE CLOSURE HOURS, MASK PAINTED MARKERS AND PLACE HIGH FRICTION SURFACE TREATMENT IN EACH TRAVEL LANE WITHIN THE LIMITS SHOWN. AFTER PLACING HIGH FRICTION SURFACE TREATMENT, SWEEP ROADWAY IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. REMOVE PAINTED MARKING, masked, AND OPEN TRAVEL LANES.
3. DURING ALLOWABLE LANE CLOSURE HOURS, PERFORM ADDITIONAL SWEEPING AS REQUIRED BY THE CONTRACT DOCUMENTS.

END WORK
38°45'45.26"N
75°36'52.67"W
MILEPOINT 1.29

BEGIN WORK
38°45'47.06"N
75°36'50.06"W
MILEPOINT 0.97

END WORK
38°45'45.26"N
75°36'52.67"W
MILEPOINT 1.29

BEGIN WORK
38°45'47.06"N
75°36'50.06"W
MILEPOINT 0.97

QUANTITIES

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ALLOWABLE LANE CLOSURE HOURS - NEWTON ROAD

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Lane Closure Permitted
Ad Lanes Open

PREVIOUS PLAN WORK
NEWTON ROAD (S582)
SEQUENCE OF CONSTRUCTION

1. BEGIN WORK 38°40'01.51"N 75°34'05.75"W MILEPOINT 2.89

2. PLACE TEMPORARY WARNING SIGNS AND PLAQUES PERMANENTLY MOUNTED TRUCK MOUNTED ATTENTION TYPE II.

3. DURING ALLOWABLE LANE CLOSURE HOURS, UTILIZING TA-10, CLOSE ONE LANE AT A TIME ON OLD FURNACE ROAD DURING ALLOWABLE LANE CLOSURE HOURS.

4. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

5. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

6. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

7. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

8. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND.

9. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

10. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

11. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

12. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

13. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

14. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

15. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

16. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

17. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

18. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

19. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

20. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

21. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

22. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

23. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

24. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

25. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

26. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

27. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

28. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

29. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

30. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

31. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

32. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

33. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

34. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

35. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

36. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

37. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

38. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

39. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

40. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

41. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

42. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

43. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

44. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

45. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

46. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

47. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.

48. PLACE ROAD WORK AHEAD AND END ROAD WORK SIGNS ON OLD FURNACE ROAD, MIDDLEFORD ROAD, AND OLD MEADOW ROAD, IN EACH DIRECTION, 1000 FEET UPSTREAM AND DOWNSTREAM OF WORK AREA.

49. PLACE TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND, ALKYD THERMOPLASTIC PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND.