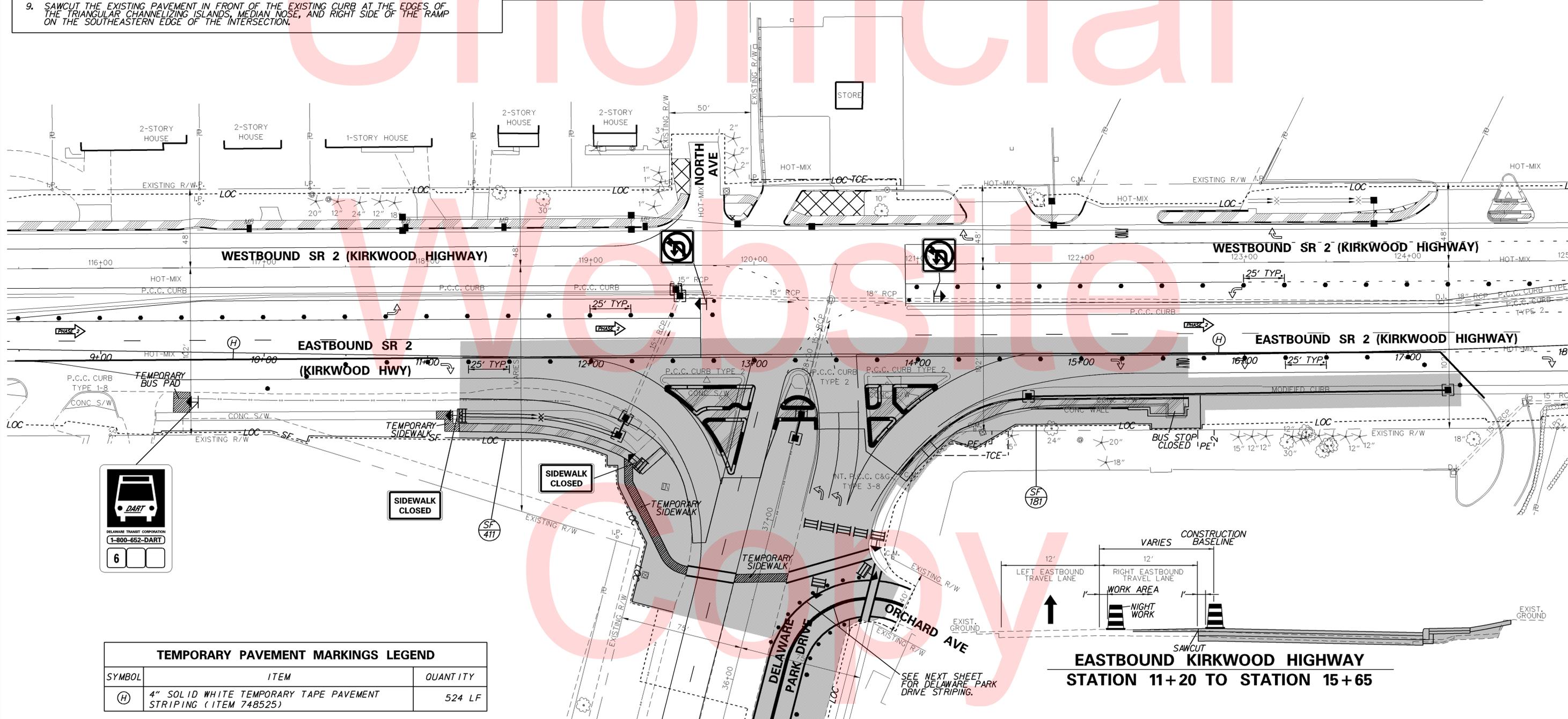
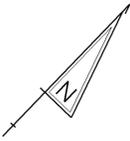


## SEQUENCE OF CONSTRUCTION

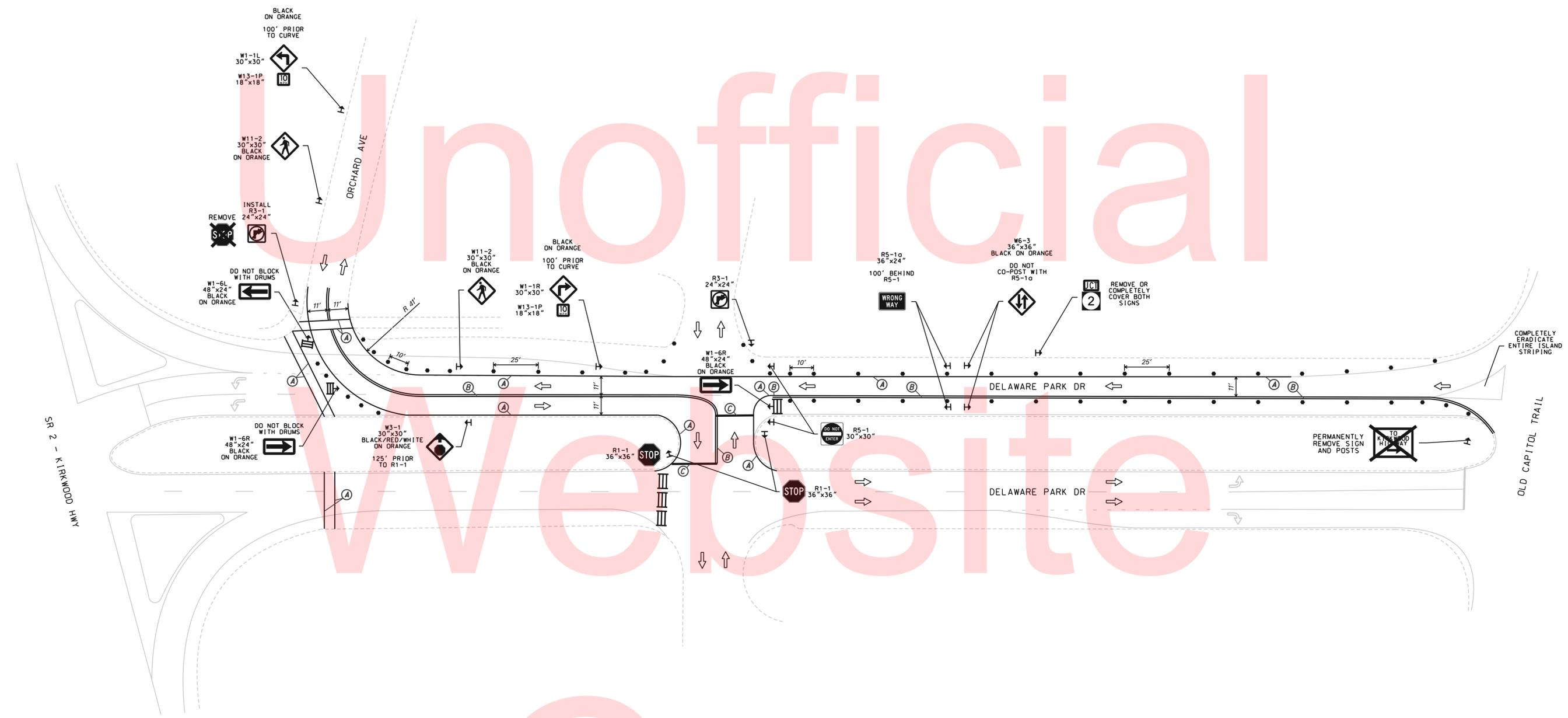
1. INSTALL MAINTENANCE OF TRAFFIC USING TA-3A OF THE DE MUTCD TO CLOSE THE RIGHT SHOULDER OF EASTBOUND SR2 ON THE SOUTHWEST CORNER OF THE INTERSECTION WITH DELAWARE PARK. MAINTAIN ACCESS FOR RIGHT TURN TO SOUTHBOUND DELAWARE PARK DRIVE.
2. INSTALL INLET SEDIMENT CONTROL MEASURES AS SHOWN IN THE PLANS BELOW.
3. CONSTRUCT PROPOSED SIGNALIZATION APPURTENANCES ON THE SOUTHWEST CORNER OF THE DELAWARE PARK DRIVE INTERSECTION.
4. GRADE OUT AND BOX OUT FOR PROPOSED SIDEWALK IN THE SOUTHWEST CORNER. CONSTRUCT PROPOSED SIDEWALK.
5. CONSTRUCT TEMPORARY BUS PAD AT STATION 9+50 AND TEMPORARY SIDEWALK SECTIONS USING MILLINGS. COORDINATE WITH DART TO RELOCATE BUS STOP FROM EXISTING LOCATION AT STATION 15+50 TO TEMPORARY BUS PAD.
6. INSTALL PEDESTRIAN DETOUR PER PEDESTRIAN DETOUR PLAN B AND CLOSE EXISTING CROSSWALK ACROSS SR2 AT DELAWARE PARK DRIVE. CLOSE OFF EXISTING SIDEWALK SOUTH OF CHANNELIZING ISLANDS AND AT STATION 11+15.
7. REFER TO DETOUR PLANS. CLOSE RIGHT TURN FROM EASTBOUND SR2 TO DELAWARE PARK DRIVE. CLOSE LEFT TURN FROM WESTBOUND SR2 TO DELAWARE PARK DRIVE. CLOSE DELAWARE PARK DRIVE AT SR2.
8. USE TA-3A OF THE MUTCD, TO CLOSE THE RIGHT SHOULDER OF EASTBOUND SR2 THROUGH THE DELAWARE PARK DRIVE INTERSECTION. DURING NIGHT WORK HOURS, UTILIZE TA-33B OF THE MUTCD TO CLOSE THE RIGHT LANE.
9. SAWCUT THE EXISTING PAVEMENT IN FRONT OF THE EXISTING CURB AT THE EDGES OF THE TRIANGULAR CHANNELIZING ISLANDS, MEDIAN NOSE, AND RIGHT SIDE OF THE RAMP ON THE SOUTHEASTERN EDGE OF THE INTERSECTION.
10. REMOVE EXISTING CHANNELIZING ISLANDS AND CURB.
11. CONSTRUCT PROPOSED SIGNAL CONDUITS, FIBER CONDUITS, JUNCTION WELLS, POLE BASES, AND OTHER SIGNAL STRUCTURES SOUTH OF THE EASTBOUND LANES. INSTALL LIGHTING, CCTV CABINET AND CCTV CAMERAS. BORE CONDUIT RUNS 11 AND 12 INTO THE MEDIAN. INSTALL NEW SIGNAL CABINET AND EASTBOUND MAST ARM. DO NOT DISTURB EXISTING SIGNAL POLES OR ACTIVATE NEW SIGNALS UNTIL STEP 22.
12. REFER TO PHASE 2A FOR CONSTRUCTION OF JUNCTION WELLS, CONDUITS, AND CURB RUN 23 IN THE MEDIAN.
13. EXCAVATE PAVEMENT IN THE AREAS OF THE PROPOSED MEDIAN. GRADE OUT AND BOX OUT FOR PROPOSED CURB AND SIDEWALKS.
14. CONSTRUCT PROPOSED CHANNELIZING ISLANDS, CURB, AND SIDEWALK PRIOR TO STATION 14+60.
15. SAWCUT EXISTING PAVEMENT ON EASTBOUND SR2 AT RIGHT EDGE OF RIGHT TRAVEL LANE.
16. EXCAVATE PAVEMENT EAST OF STATION 14+60 TO ALLOW FOR CONSTRUCTION OF DRAINAGE SYSTEM.
17. CONSTRUCT DRAINAGE INLET 19, PIPE 14, AND DRAINAGE INLET 14, BEGINNING AT THE DOWNSTREAM END. INSTALL INLET SEDIMENT CONTROL AND SEAL DRAINAGE INLETS 14 AND 19 TO PREVENT STORMWATER RUNOFF FROM ENTERING UNFINISHED DRAINAGE SYSTEM. BACKFILL EXCAVATED AREAS.
18. GRADE OUT AND CONSTRUCT CURB AND SIDEWALK FROM STATION 14+60 TO 15+65.
19. GRADE OUT FOR PROPOSED PAVEMENT SECTION TO STATION 15+65.
20. CONSTRUCT PROPOSED PAVEMENT UP TO THE TOP OF TYPE B WARM-MIX. MILL AS NECESSARY AND BUILD WARM MIX WEDGE ON EXISTING RIGHT TRAVEL LANE OF SR2 TO ENSURE POSITIVE DRAINAGE AND NO DROP-OFFS.
21. STRIPE PEDESTRIAN CROSSWALKS ACROSS DELAWARE PARK DRIVE AS SHOWN IN PHASE 3. REMOVE PEDESTRIAN DETOUR. REMOVE TEMPORARY SIDEWALKS BY DELAWARE PARK DRIVE. MAINTAIN TEMPORARY SIDEWALK TIE-IN TO EXISTING SIDEWALK AND BUS PAD.
22. REMOVE EXISTING SIGNAL POLES. REFER TO PHASE 2A TO REMOVE EXISTING SIGNAL POLES ON THE WESTBOUND SIDE OF SR2. ACTIVATE NEW SIGNALS.
23. STABILIZE DISTURBED AREAS WITH TOPSOIL AND SEED.
24. REMOVE TEMPORARY TAPE STRIPING ALONG EASTBOUND SR2 INSTALLED EARLIER IN THIS PHASE. REMOVE STRIPING INSTALLED IN THIS PHASE ON NORTHBOUND DELAWARE PARK DRIVE BETWEEN ORCHARD AVENUE AND THE MEDIAN CROSSOVER. REMOVE TEMPORARY TAPE STRIPING INSTALLED FOR THE DETOURED CROSSWALK ON SOUTHBOUND DELAWARE PARK DRIVE. RESTRIPE AREA AS SHOWN IN PHASE 3.
25. REMOVE MAINTENANCE OF TRAFFIC (INSTALLED USING TA-3A OF THE DE MUTCD) TO REOPEN THE SHOULDER OF EASTBOUND SR2. REMOVE DETOURS OF DELAWARE PARK DRIVE AND THE TURNING MOVEMENTS ONTO DELAWARE PARK DRIVE FROM SR2. BEGIN PHASE 3.



| TEMPORARY PAVEMENT MARKINGS LEGEND |   |          |
|------------------------------------|---|----------|
| SYMBOL                             | ITEM  | QUANTITY |
| (H)                                | 4" SOLID WHITE TEMPORARY TAPE PAVEMENT STRIPING (ITEM 748525) | 524 LF   |

**EASTBOUND SAWCUT KIRKWOOD HIGHWAY  
STATION 11+20 TO STATION 15+65**

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SR 2 - KIRKWOOD HWY

ORCHARD AVE

DELAWARE PARK DR

DELAWARE PARK DR

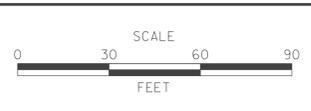
OLD CAPITOL TRAIL

| PAVEMENT MARKINGS LEGEND |   |          |
|--------------------------|---|----------|
| SYMBOL                   | ITEM  | QUANTITY |
| (A)                      | 4" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748506)            | 1,195 LF |
| (B)                      | 4" SOLID DOUBLE YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748506)    | 725 LF   |
| (C)                      | 16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015) | 64 SF    |

- NOTES:
1. THIS PLAN SHALL BE IMPLEMENTED IN CONJUNCTION WITH THE APPLICABLE VEHICULAR AND PEDESTRIAN DETOUR PLANS FOR THE FULL CLOSURE OF DELAWARE PARK DRIVE.
  2. CONTRACTOR SHALL COMPLETELY ERADICATE ALL CONFLICTING PAVEMENT MARKINGS PRIOR TO INSTALLATION OF TEMPORARY MARKINGS AND IMPLEMENTATION OF NEW TRAFFIC PATTERN ON DELAWARE PARK DRIVE AND ORCHARD AVENUE.
  3. CONTRACTOR SHALL RESTORE PAVEMENT MARKINGS AND REMOVED OR COVERED SIGNAGE TO THEIR ORIGINAL CONFIGURATIONS OR PER THE PLANS PRIOR TO THE REOPENING OF DELAWARE PARK DRIVE.



| ADDENDUMS / REVISIONS |  |
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|                       |  |



HEP NCC, SR2,  
WOLLASTON ROAD  
TO MILLTOWN ROAD

|            |                  |   |
|------------|------------------|---|
| CONTRACT   | BRIDGE NO.       | X |
| T201200701 | DESIGNED BY: SWN |   |
| COUNTY     | CHECKED BY: ASW  |   |
| NEW CASTLE |                  |   |

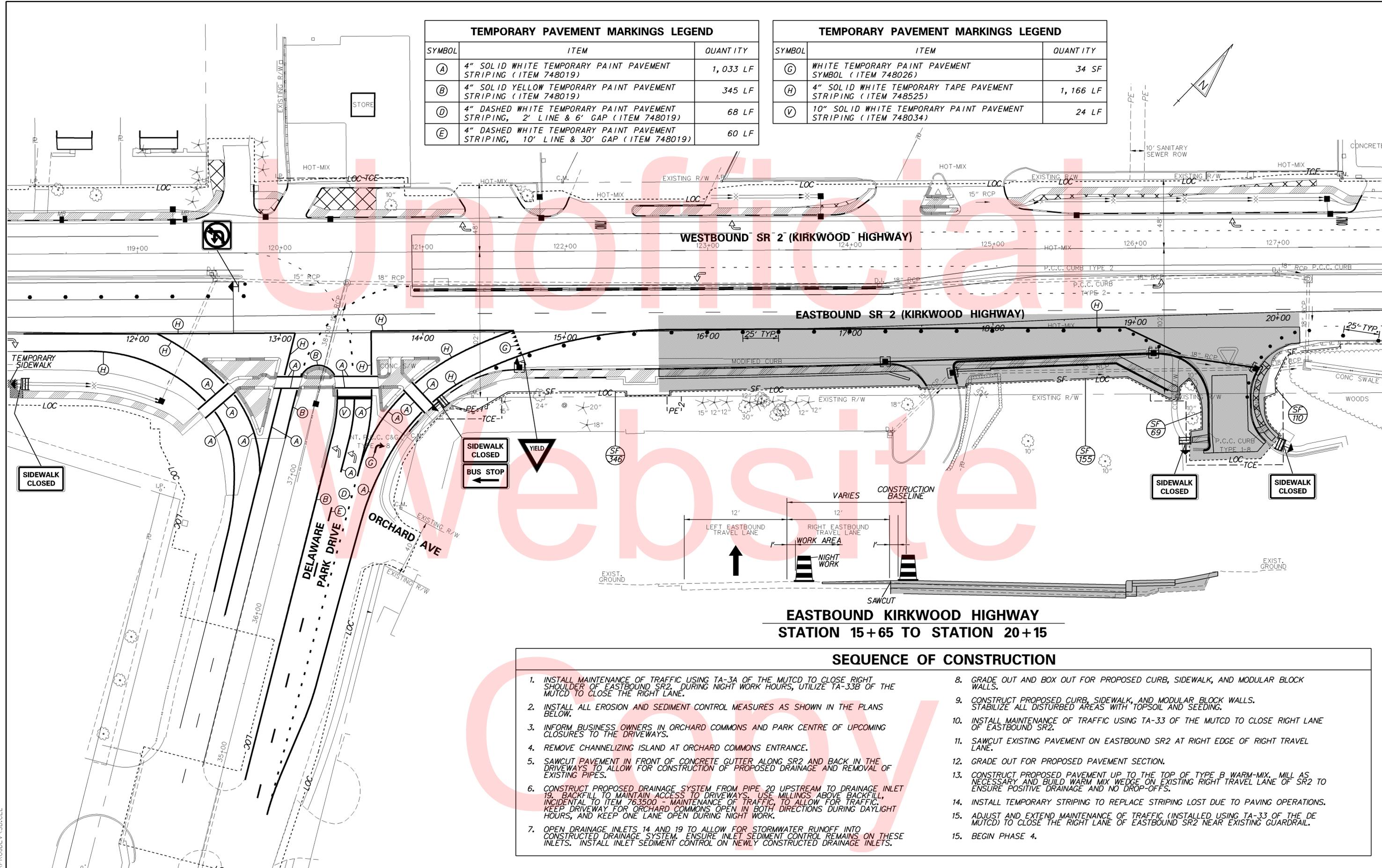
PHASE 2  
DELAWARE PARK DR  
SIGNING AND STRIPING

|             |    |
|-------------|----|
| SHEET NO.   | 32 |
| TOTAL SHTS. | 64 |



| TEMPORARY PAVEMENT MARKINGS LEGEND |   |          |
|------------------------------------|---|----------|
| SYMBOL                             | ITEM  | QUANTITY |
| (A)                                | 4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)                      | 1,033 LF |
| (B)                                | 4" SOLID YELLOW TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)                     | 345 LF   |
| (D)                                | 4" DASHED WHITE TEMPORARY PAINT PAVEMENT STRIPING, 2' LINE & 6' GAP (ITEM 748019)   | 68 LF    |
| (E)                                | 4" DASHED WHITE TEMPORARY PAINT PAVEMENT STRIPING, 10' LINE & 30' GAP (ITEM 748019) | 60 LF    |

| TEMPORARY PAVEMENT MARKINGS LEGEND |   |          |
|------------------------------------|---|----------|
| SYMBOL                             | ITEM  | QUANTITY |
| (G)                                | WHITE TEMPORARY PAINT PAVEMENT SYMBOL (ITEM 748026)             | 34 SF    |
| (H)                                | 4" SOLID WHITE TEMPORARY TAPE PAVEMENT STRIPING (ITEM 748525)   | 1,166 LF |
| (V)                                | 10" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748034) | 24 LF    |



**EASTBOUND KIRKWOOD HIGHWAY  
STATION 15+65 TO STATION 20+15**

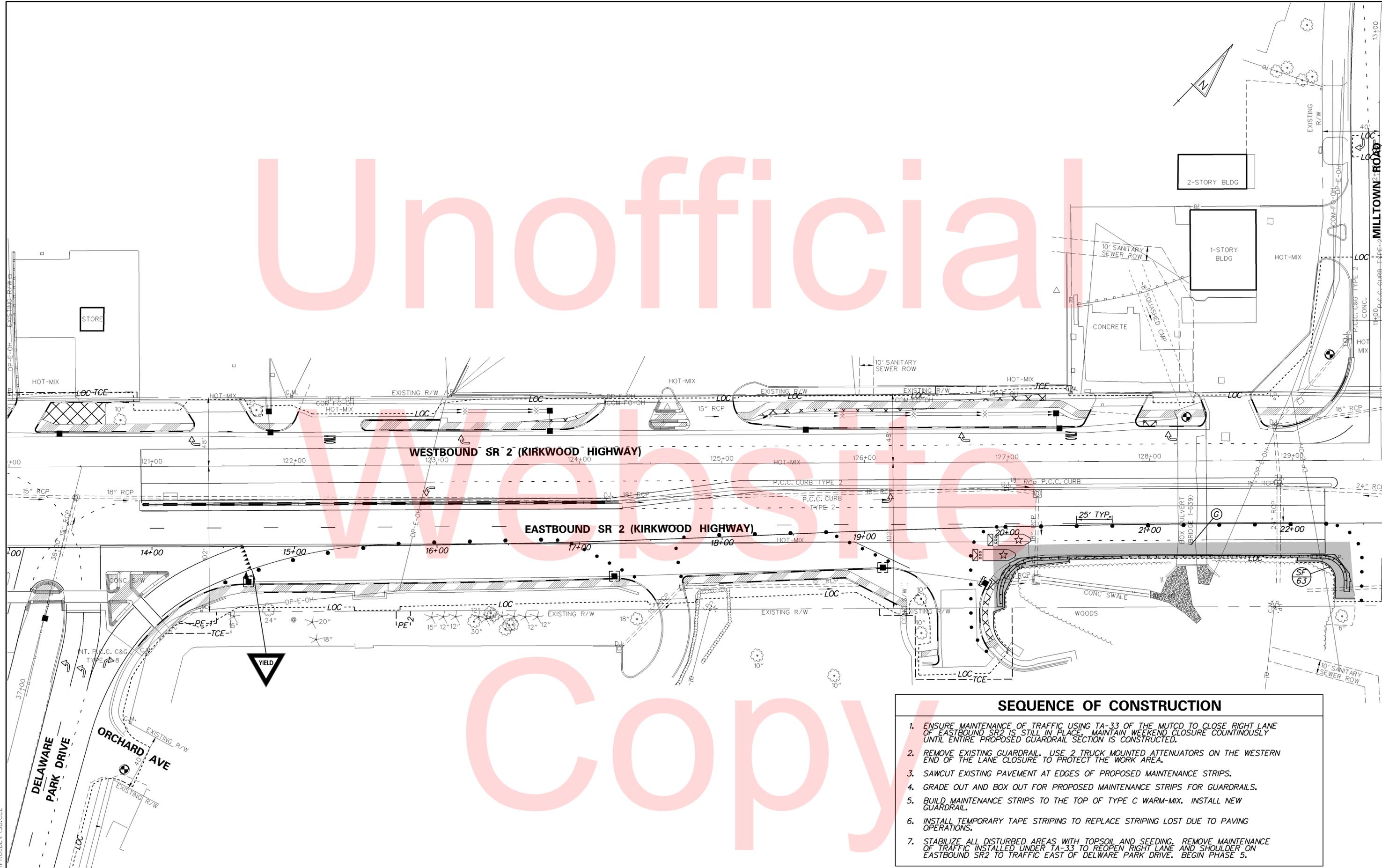
- SEQUENCE OF CONSTRUCTION**
- INSTALL MAINTENANCE OF TRAFFIC USING TA-3A OF THE MUTCD TO CLOSE RIGHT SHOULDER OF EASTBOUND SR2. DURING NIGHT WORK HOURS, UTILIZE TA-33B OF THE MUTCD TO CLOSE THE RIGHT LANE.
  - INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN IN THE PLANS BELOW.
  - INFORM BUSINESS OWNERS IN ORCHARD COMMONS AND PARK CENTRE OF UPCOMING CLOSURES TO THE DRIVEWAYS.
  - REMOVE CHANNELIZING ISLAND AT ORCHARD COMMONS ENTRANCE.
  - SAWCUT PAVEMENT IN FRONT OF CONCRETE GUTTER ALONG SR2 AND BACK IN THE DRIVEWAYS TO ALLOW FOR CONSTRUCTION OF PROPOSED DRAINAGE AND REMOVAL OF EXISTING PIPES.
  - CONSTRUCT PROPOSED DRAINAGE SYSTEM FROM PIPE 20 UPSTREAM TO DRAINAGE INLET 19. BACKFILL TO MAINTAIN ACCESS TO DRIVEWAYS. USE MILLINGS ABOVE BACKFILL, INCIDENTAL TO ITEM 763500 - MAINTENANCE OF TRAFFIC, TO ALLOW FOR TRAFFIC. KEEP DRIVEWAY FOR ORCHARD COMMONS OPEN IN BOTH DIRECTIONS DURING DAYLIGHT HOURS, AND KEEP ONE LANE OPEN DURING NIGHT WORK.
  - OPEN DRAINAGE INLETS 14 AND 19 TO ALLOW FOR STORMWATER RUNOFF INTO CONSTRUCTED DRAINAGE SYSTEM. ENSURE INLET SEDIMENT CONTROL REMAINS ON THESE INLETS. INSTALL INLET SEDIMENT CONTROL ON NEWLY CONSTRUCTED DRAINAGE INLETS.
  - GRADE OUT AND BOX OUT FOR PROPOSED CURB, SIDEWALK, AND MODULAR BLOCK WALLS.
  - CONSTRUCT PROPOSED CURB, SIDEWALK, AND MODULAR BLOCK WALLS. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL AND SEEDING.
  - INSTALL MAINTENANCE OF TRAFFIC USING TA-33 OF THE MUTCD TO CLOSE RIGHT LANE OF EASTBOUND SR2.
  - SAWCUT EXISTING PAVEMENT ON EASTBOUND SR2 AT RIGHT EDGE OF RIGHT TRAVEL LANE.
  - GRADE OUT FOR PROPOSED PAVEMENT SECTION.
  - CONSTRUCT PROPOSED PAVEMENT UP TO THE TOP OF TYPE B WARM-MIX. MILL AS NECESSARY AND BUILD WARM MIX WEDGE ON EXISTING RIGHT TRAVEL LANE OF SR2 TO ENSURE POSITIVE DRAINAGE AND NO DROP-OFFS.
  - INSTALL TEMPORARY STRIPING TO REPLACE STRIPING LOST DUE TO PAVING OPERATIONS.
  - ADJUST AND EXTEND MAINTENANCE OF TRAFFIC (INSTALLED USING TA-33 OF THE DE MUTCD) TO CLOSE THE RIGHT LANE OF EASTBOUND SR2 NEAR EXISTING GUARDRAIL.
  - BEGIN PHASE 4.

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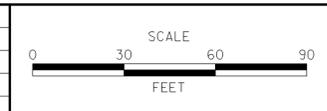
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- SEQUENCE OF CONSTRUCTION**
1. ENSURE MAINTENANCE OF TRAFFIC USING TA-33 OF THE MUTCD TO CLOSE RIGHT LANE OF EASTBOUND SR2 IS STILL IN PLACE. MAINTAIN WEEKEND CLOSURE CONTINUOUSLY UNTIL ENTIRE PROPOSED GUARDRAIL SECTION IS CONSTRUCTED.
  2. REMOVE EXISTING GUARDRAIL. USE 2 TRUCK MOUNTED ATTENUATORS ON THE WESTERN END OF THE LANE CLOSURE TO PROTECT THE WORK AREA.
  3. SAWCUT EXISTING PAVEMENT AT EDGES OF PROPOSED MAINTENANCE STRIPS.
  4. GRADE OUT AND BOX OUT FOR PROPOSED MAINTENANCE STRIPS FOR GUARDRAILS.
  5. BUILD MAINTENANCE STRIPS TO THE TOP OF TYPE C WARM-MIX. INSTALL NEW GUARDRAIL.
  6. INSTALL TEMPORARY TAPE STRIPING TO REPLACE STRIPING LOST DUE TO PAVING OPERATIONS.
  7. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL AND SEEDING. REMOVE MAINTENANCE OF TRAFFIC INSTALLED UNDER TA-33 TO REOPEN RIGHT LANE AND SHOULDER ON EASTBOUND SR2 TO TRAFFIC EAST OF DELAWARE PARK DRIVE. BEGIN PHASE 5.

| ADDENDUMS / REVISIONS |
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**HEP NCC, SR2,  
WOLLASTON ROAD  
TO MILLTOWN ROAD**

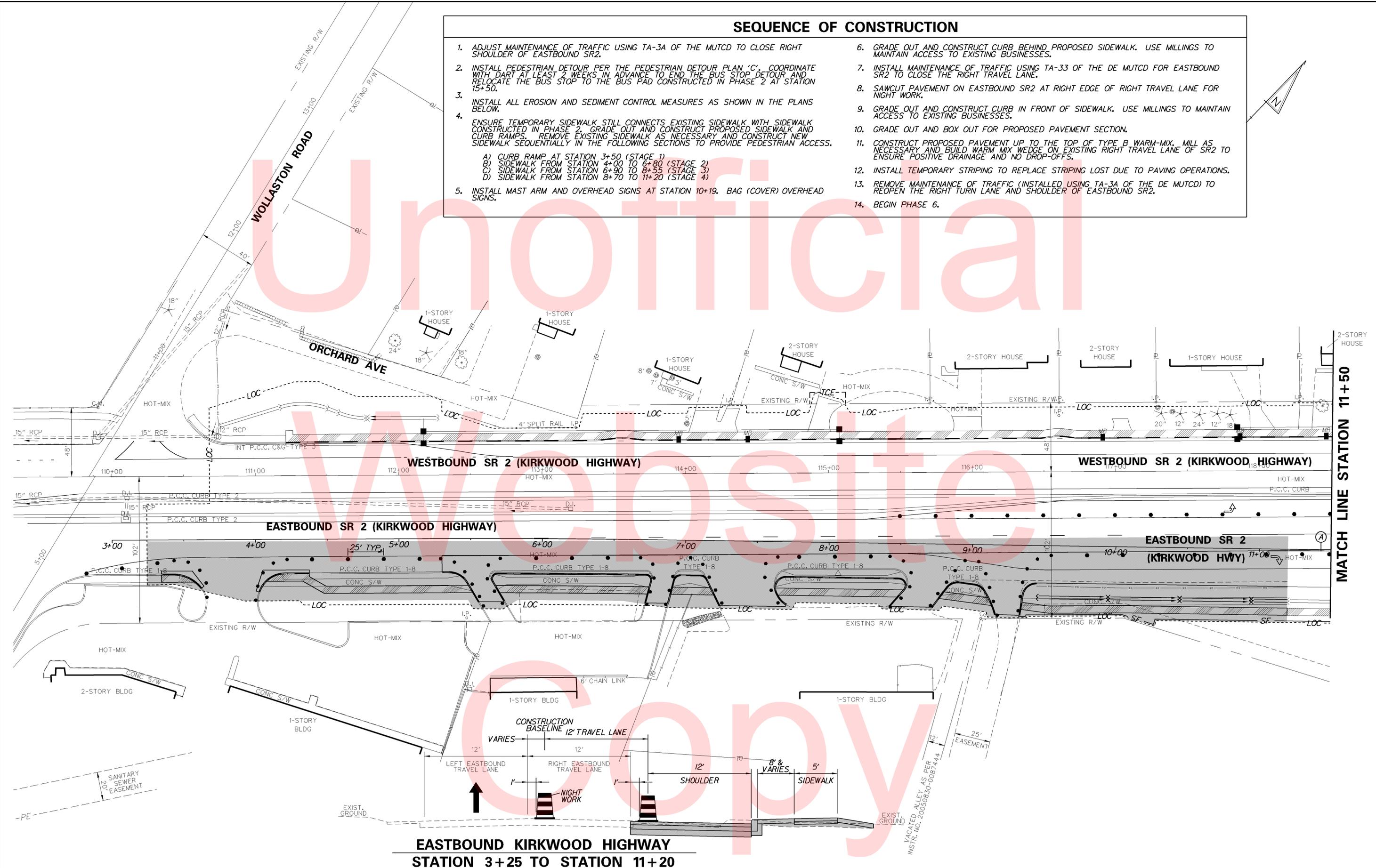
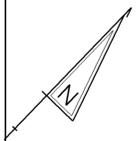
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|------------------------|---------------------|--------------------|
| CONTRACT<br>T201200701 | BRIDGE NO.<br>      | <b>NA</b>          |
| COUNTY<br>NEW CASTLE   | DESIGNED BY:<br>SHB | CHECKED BY:<br>JKL |

|   |                   |
|---|-------------------|
| <b>CONSTRUCTION PHASING,<br/>M.O.T., AND EROSION<br/>CONTROL PLAN - PHASE 4</b> | SHEET NO.<br>35   |
|   | TOTAL SHTS.<br>64 |

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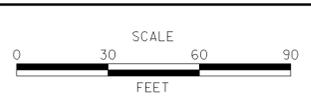
### SEQUENCE OF CONSTRUCTION

1. ADJUST MAINTENANCE OF TRAFFIC USING TA-3A OF THE MUTCD TO CLOSE RIGHT SHOULDER OF EASTBOUND SR2.
2. INSTALL PEDESTRIAN DETOUR PER THE PEDESTRIAN DETOUR PLAN 'C'. COORDINATE WITH DART AT LEAST 2 WEEKS IN ADVANCE TO END THE BUS STOP DETOUR AND RELOCATE THE BUS STOP TO THE BUS PAD CONSTRUCTED IN PHASE 2 AT STATION 15+50.
3. INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN IN THE PLANS BELOW.
4. ENSURE TEMPORARY SIDEWALK STILL CONNECTS EXISTING SIDEWALK WITH SIDEWALK CONSTRUCTED IN PHASE 2. GRADE OUT AND CONSTRUCT PROPOSED SIDEWALK AND CURB RAMPS. REMOVE EXISTING SIDEWALK AS NECESSARY AND CONSTRUCT NEW SIDEWALK SEQUENTIALLY IN THE FOLLOWING SECTIONS TO PROVIDE PEDESTRIAN ACCESS.
  - A) CURB RAMP AT STATION 3+50 (STAGE 1)
  - B) SIDEWALK FROM STATION 4+00 TO 6+80 (STAGE 2)
  - C) SIDEWALK FROM STATION 6+90 TO 8+55 (STAGE 3)
  - D) SIDEWALK FROM STATION 8+70 TO 11+20 (STAGE 4)
5. INSTALL MAST ARM AND OVERHEAD SIGNS AT STATION 10+19. BAG (COVER) OVERHEAD SIGNS.
6. GRADE OUT AND CONSTRUCT CURB BEHIND PROPOSED SIDEWALK. USE MILLINGS TO MAINTAIN ACCESS TO EXISTING BUSINESSES.
7. INSTALL MAINTENANCE OF TRAFFIC USING TA-33 OF THE DE MUTCD FOR EASTBOUND SR2 TO CLOSE THE RIGHT TRAVEL LANE.
8. SAWCUT PAVEMENT ON EASTBOUND SR2 AT RIGHT EDGE OF RIGHT TRAVEL LANE FOR NIGHT WORK.
9. GRADE OUT AND CONSTRUCT CURB IN FRONT OF SIDEWALK. USE MILLINGS TO MAINTAIN ACCESS TO EXISTING BUSINESSES.
10. GRADE OUT AND BOX OUT FOR PROPOSED PAVEMENT SECTION.
11. CONSTRUCT PROPOSED PAVEMENT UP TO THE TOP OF TYPE B WARM-MIX. MILL AS NECESSARY AND BUILD WARM MIX WEDGE ON EXISTING RIGHT TRAVEL LANE OF SR2 TO ENSURE POSITIVE DRAINAGE AND NO DROP-OFFS.
12. INSTALL TEMPORARY STRIPING TO REPLACE STRIPING LOST DUE TO PAVING OPERATIONS.
13. REMOVE MAINTENANCE OF TRAFFIC (INSTALLED USING TA-3A OF THE DE MUTCD) TO REOPEN THE RIGHT TURN LANE AND SHOULDER OF EASTBOUND SR2.
14. BEGIN PHASE 6.



MATCH LINE STATION 11+50

| ADDENDUMS / REVISIONS |
|-----------------------|
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|                       |
|                       |



**HEP NCC, SR2, WOLLASTON ROAD TO MILLTOWN ROAD**

|                        |                     |                    |
|------------------------|---------------------|--------------------|
| CONTRACT<br>T201200701 | BRIDGE NO.<br>      | <b>N/A</b>         |
| COUNTY<br>NEW CASTLE   | DESIGNED BY:<br>SHB | CHECKED BY:<br>JKL |

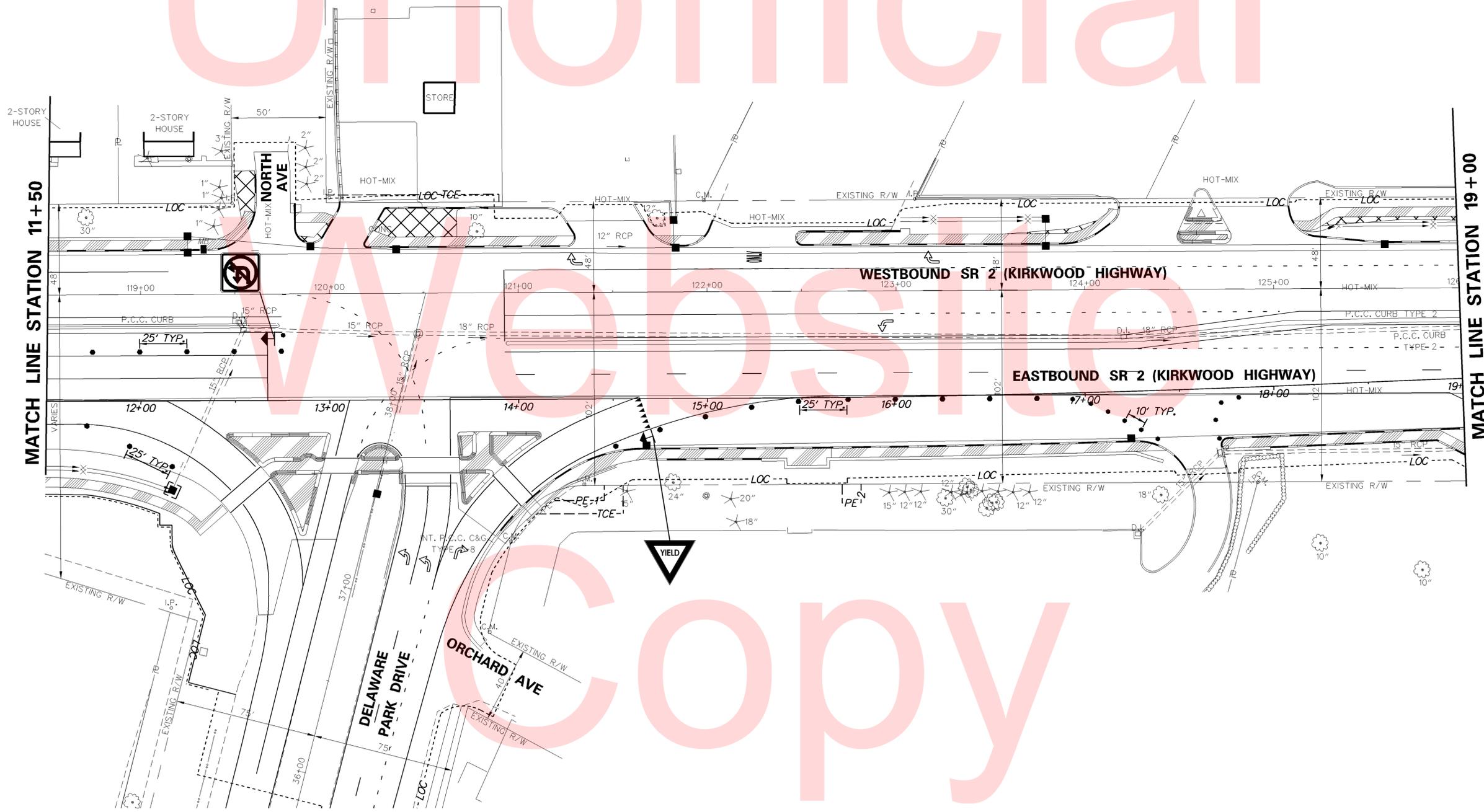
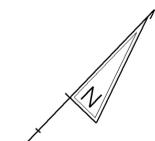
**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 5**

|                   |
|-------------------|
| SHEET NO.<br>36   |
| TOTAL SHTS.<br>64 |

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## SEQUENCE OF CONSTRUCTION

1. ADJUST MAINTENANCE OF TRAFFIC USING TA-3A OF THE MUTCD TO CLOSE RIGHT SHOULDER OF EASTBOUND SR2.
2. INSTALL PEDESTRIAN DETOUR PER THE PEDESTRIAN DETOUR PLAN 'C'. COORDINATE WITH DART AT LEAST 2 WEEKS IN ADVANCE TO END THE BUS STOP DETOUR AND RELOCATE THE BUS STOP TO THE BUS PAD CONSTRUCTED IN PHASE 2 AT STATION 15+50.
3. INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN IN THE PLANS BELOW.
4. ENSURE TEMPORARY SIDEWALK STILL CONNECTS EXISTING SIDEWALK WITH SIDEWALK CONSTRUCTED IN PHASE 2. GRADE OUT AND CONSTRUCT PROPOSED SIDEWALK AND CURB RAMPS. REMOVE EXISTING SIDEWALK AS NECESSARY AND CONSTRUCT NEW SIDEWALK SEQUENTIALLY IN THE FOLLOWING SECTIONS TO PROVIDE PEDESTRIAN ACCESS.
  - A) CURB RAMP AT STATION 3+50 (STAGE 1)
  - B) SIDEWALK FROM STATION 4+00 TO 6+80 (STAGE 2)
  - C) SIDEWALK FROM STATION 6+90 TO 8+55 (STAGE 3)
  - D) SIDEWALK FROM STATION 8+70 TO 11+20 (STAGE 4)
5. INSTALL MAST ARM AND OVERHEAD SIGNS AT STATION 10+19. BAG (COVER) OVERHEAD SIGNS.
6. GRADE OUT AND CONSTRUCT CURB BEHIND PROPOSED SIDEWALK. USE MILLINGS TO MAINTAIN ACCESS TO EXISTING BUSINESSES.
7. INSTALL MAINTENANCE OF TRAFFIC USING TA-33 OF THE DE MUTCD FOR EASTBOUND SR2 TO CLOSE THE RIGHT TRAVEL LANE.
8. SAWCUT PAVEMENT ON EASTBOUND SR2 AT RIGHT EDGE OF RIGHT TRAVEL LANE FOR NIGHT WORK.
9. GRADE OUT AND CONSTRUCT CURB IN FRONT OF SIDEWALK. USE MILLINGS TO MAINTAIN ACCESS TO EXISTING BUSINESSES.
10. GRADE OUT AND BOX OUT FOR PROPOSED PAVEMENT SECTION.
11. CONSTRUCT PROPOSED PAVEMENT UP TO THE TOP OF TYPE B WARM-MIX. MILL AS NECESSARY AND BUILD WARM MIX WEDGE ON EXISTING RIGHT TRAVEL LANE OF SR2 TO ENSURE POSITIVE DRAINAGE AND NO DROP-OFFS.
12. INSTALL TEMPORARY STRIPING TO REPLACE STRIPING LOST DUE TO PAVING OPERATIONS.
13. REMOVE MAINTENANCE OF TRAFFIC (INSTALLED USING TA-3A OF THE DE MUTCD) TO REOPEN THE RIGHT TURN LANE AND SHOULDER OF EASTBOUND SR2.
14. BEGIN PHASE 6.



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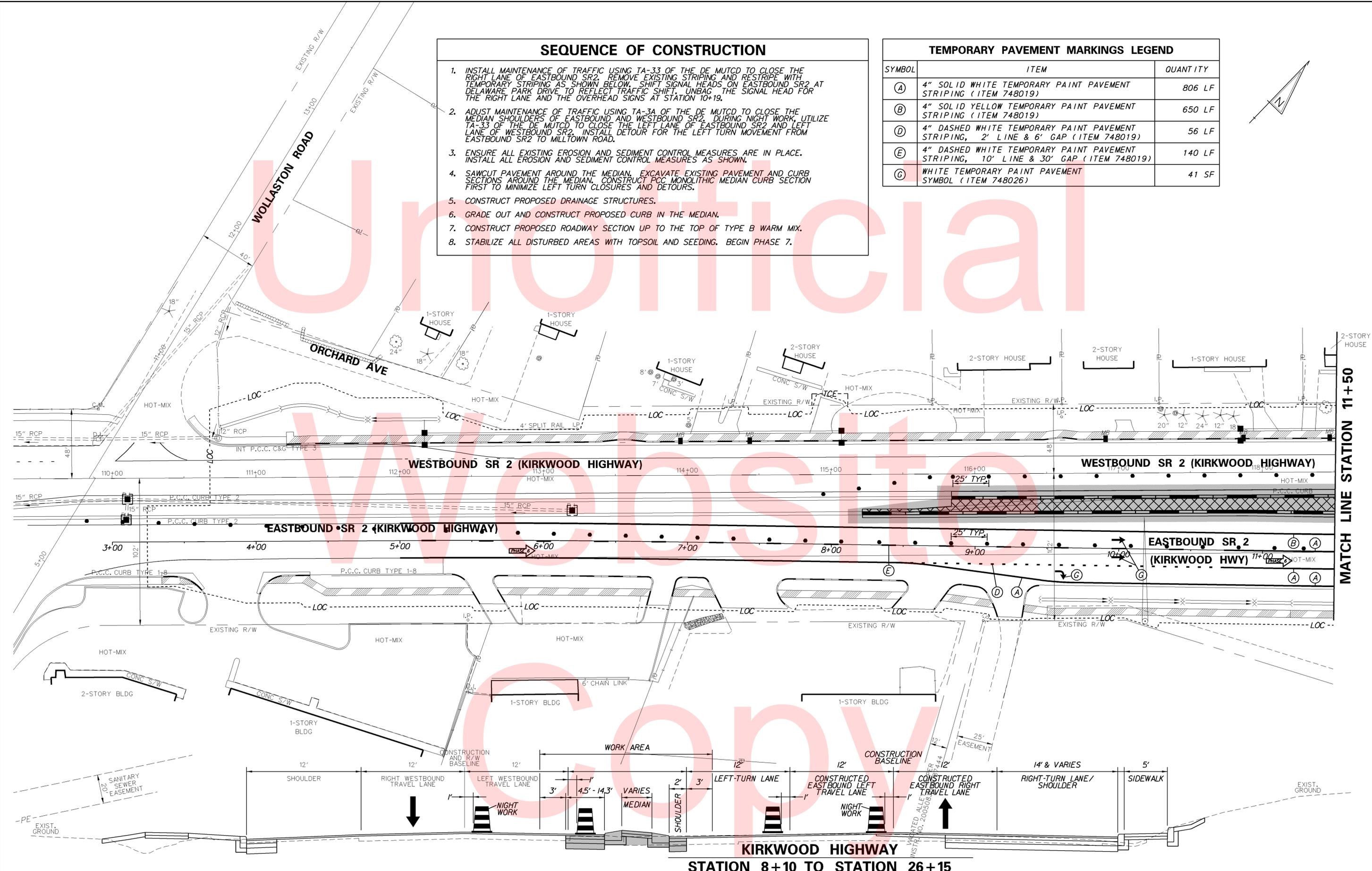
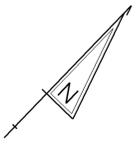
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|--|-----------------------|--|--|------------------------|-------------------|---|------------------|
| <b>DELAWARE<br/>DEPARTMENT OF TRANSPORTATION</b> | ADDENDUMS / REVISIONS | SCALE<br>0      30      60      90<br>FEET | <b>HEP NCC, SR2,<br/>WOLLASTON ROAD<br/>TO MILLTOWN ROAD</b> | CONTRACT<br>T201200701 | BRIDGE NO.<br>N/A | <b>CONSTRUCTION PHASING,<br/>M.O.T., AND EROSION<br/>CONTROL PLAN - PHASE 5</b> | SHEET NO.<br>37  |
|  |                       |  |  |                        | NEW CASTLE        |   | DESIGNED BY: SHB |

### SEQUENCE OF CONSTRUCTION

1. INSTALL MAINTENANCE OF TRAFFIC USING TA-33 OF THE DE MUTCD TO CLOSE THE RIGHT LANE OF EASTBOUND SR2. REMOVE EXISTING STRIPING AND RESTRIPE WITH TEMPORARY STRIPING AS SHOWN BELOW. SHIFT SIGNAL HEADS ON EASTBOUND SR2 AT DELAWARE PARK DRIVE TO REFLECT TRAFFIC SHIFT. UNBAG THE SIGNAL HEAD FOR THE RIGHT LANE AND THE OVERHEAD SIGNS AT STATION 10+19.
2. ADJUST MAINTENANCE OF TRAFFIC USING TA-3A OF THE DE MUTCD TO CLOSE THE MEDIAN SHOULDERS OF EASTBOUND AND WESTBOUND SR2. DURING NIGHT WORK, UTILIZE TA-33 OF THE DE MUTCD TO CLOSE THE LEFT LANE OF EASTBOUND SR2 AND LEFT LANE OF WESTBOUND SR2. INSTALL DETOUR FOR THE LEFT TURN MOVEMENT FROM EASTBOUND SR2 TO MILLTOWN ROAD.
3. ENSURE ALL EXISTING EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE. INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN.
4. SAWCUT PAVEMENT AROUND THE MEDIAN. EXCAVATE EXISTING PAVEMENT AND CURB SECTIONS AROUND THE MEDIAN. CONSTRUCT PCC MONOLITHIC MEDIAN CURB SECTION FIRST TO MINIMIZE LEFT TURN CLOSURES AND DETOURS.
5. CONSTRUCT PROPOSED DRAINAGE STRUCTURES.
6. GRADE OUT AND CONSTRUCT PROPOSED CURB IN THE MEDIAN.
7. CONSTRUCT PROPOSED ROADWAY SECTION UP TO THE TOP OF TYPE B WARM MIX.
8. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL AND SEEDING. BEGIN PHASE 7.

### TEMPORARY PAVEMENT MARKINGS LEGEND

| SYMBOL | ITEM  | QUANTITY |
|--------|---|----------|
| (A)    | 4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)                      | 806 LF   |
| (B)    | 4" SOLID YELLOW TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)                     | 650 LF   |
| (D)    | 4" DASHED WHITE TEMPORARY PAINT PAVEMENT STRIPING, 2' LINE & 6' GAP (ITEM 748019)   | 56 LF    |
| (E)    | 4" DASHED WHITE TEMPORARY PAINT PAVEMENT STRIPING, 10' LINE & 30' GAP (ITEM 748019) | 140 LF   |
| (G)    | WHITE TEMPORARY PAINT PAVEMENT SYMBOL (ITEM 748026)                                 | 41 SF    |

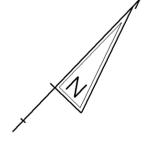


MATCH LINE STATION 11+50

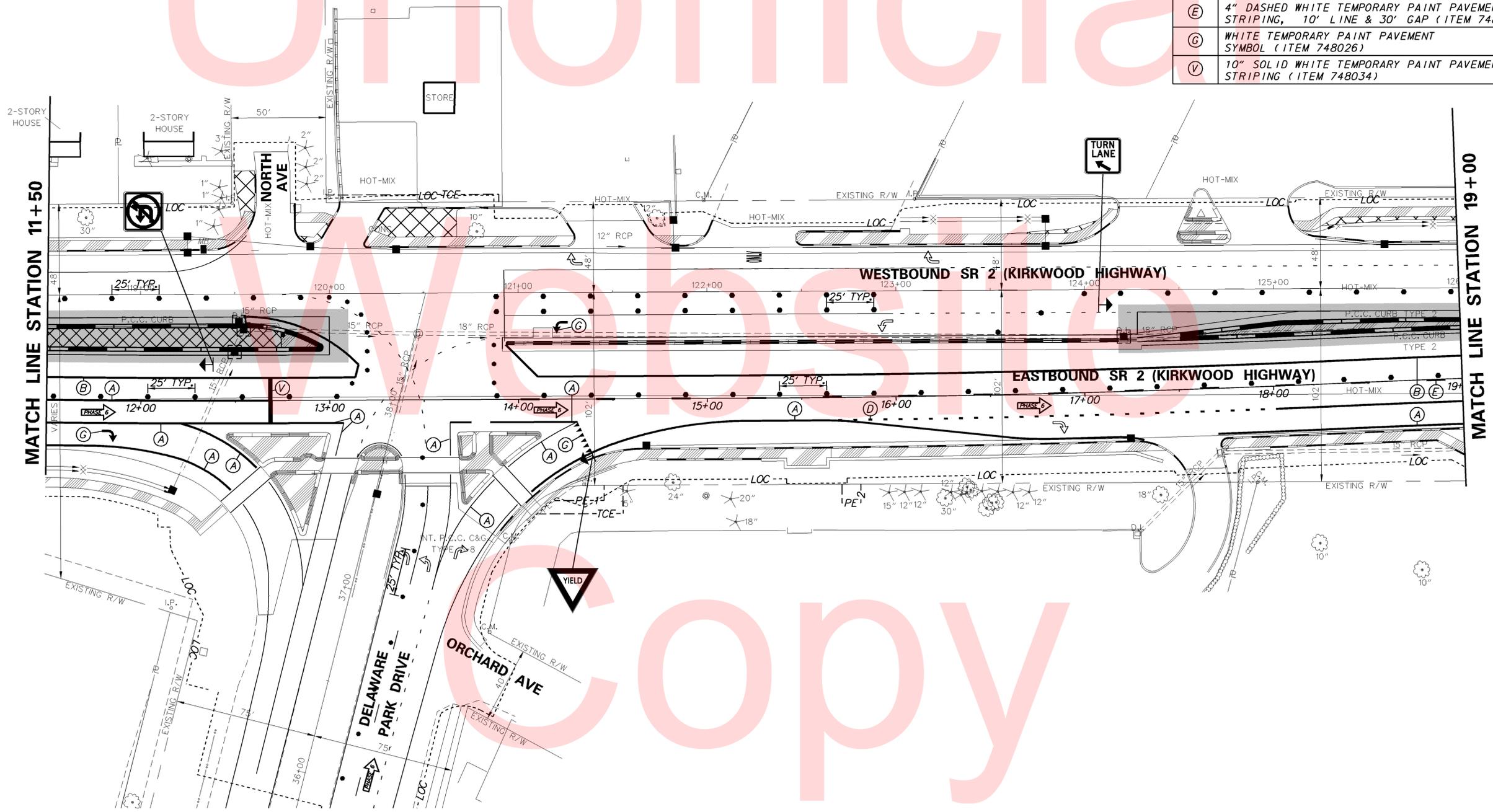
KIRKWOOD HIGHWAY  
STATION 8+10 TO STATION 26+15

### SEQUENCE OF CONSTRUCTION

1. INSTALL MAINTENANCE OF TRAFFIC USING TA-33 OF THE DE MUTCD TO CLOSE THE RIGHT LANE OF EASTBOUND SR2. REMOVE EXISTING STRIPING AND RESTRIPE WITH TEMPORARY STRIPING AS SHOWN BELOW. SHIFT SIGNAL HEADS ON EASTBOUND SR2 AT DELAWARE PARK DRIVE TO REFLECT TRAFFIC SHIFT. UNBAG THE SIGNAL HEAD FOR THE RIGHT LANE AND THE OVERHEAD SIGNS AT STATION 10+19.
2. ADJUST MAINTENANCE OF TRAFFIC USING TA-3A OF THE DE MUTCD TO CLOSE THE MEDIAN SHOULDERS OF EASTBOUND AND WESTBOUND SR2. DURING NIGHT WORK, UTILIZE TA-33 OF THE DE MUTCD TO CLOSE THE LEFT LANE OF EASTBOUND SR2 AND LEFT LANE OF WESTBOUND SR2. INSTALL DETOUR FOR THE LEFT TURN MOVEMENT FROM EASTBOUND SR2 TO MILLTOWN ROAD.
3. ENSURE ALL EXISTING EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE. INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN.
4. SAWCUT PAVEMENT AROUND THE MEDIAN. EXCAVATE EXISTING PAVEMENT AND CURB SECTIONS AROUND THE MEDIAN. CONSTRUCT PCC MONOLITHIC MEDIAN CURB SECTION FIRST TO MINIMIZE LEFT TURN CLOSURES AND DETOURS.
5. CONSTRUCT PROPOSED DRAINAGE PIPES AND STRUCTURES.
6. GRADE OUT AND CONSTRUCT PROPOSED CURB IN THE MEDIAN.
7. CONSTRUCT PROPOSED ROADWAY SECTION UP TO THE TOP OF TYPE B WARM MIX.
8. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL AND SEEDING. BEGIN PHASE 7.

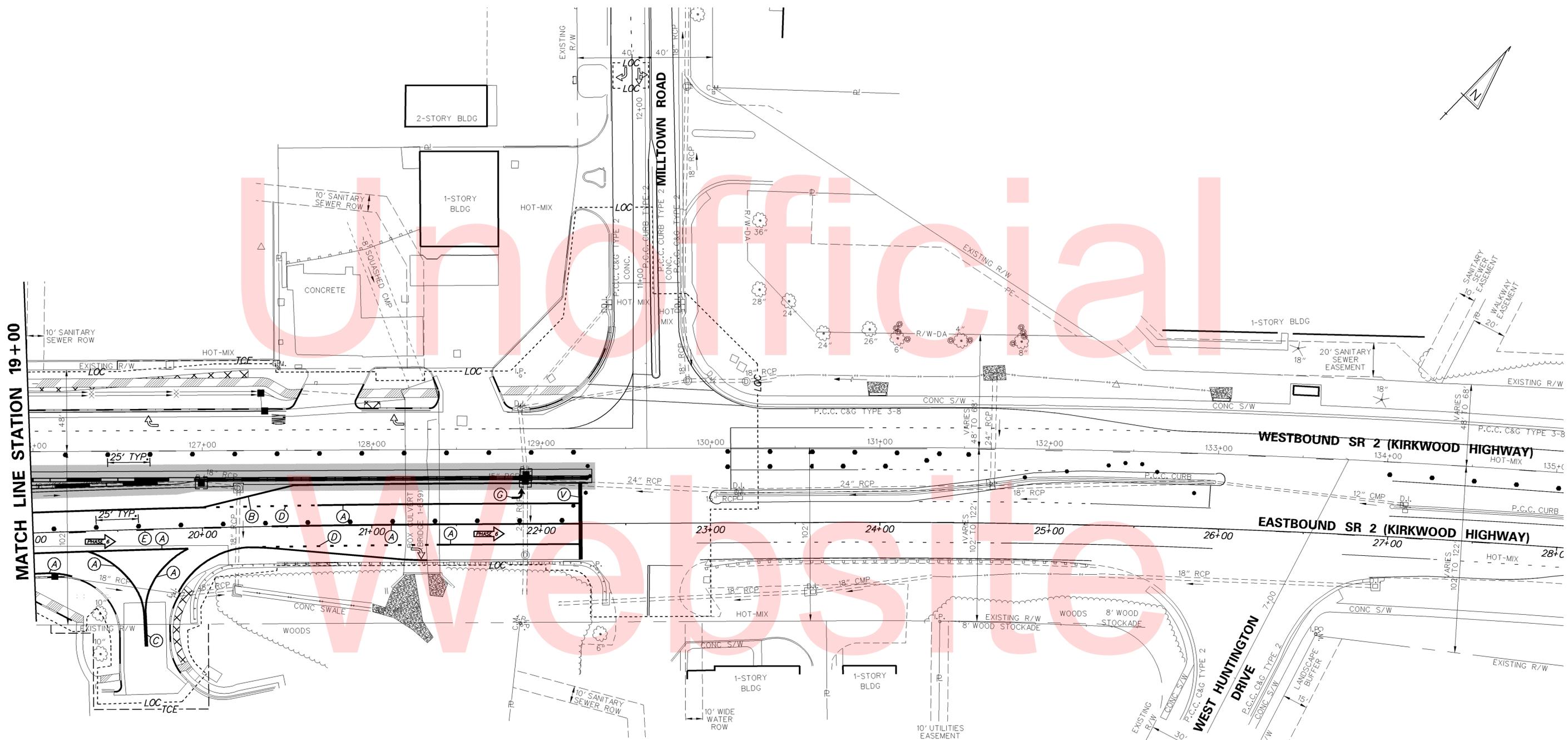
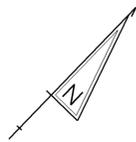


| TEMPORARY PAVEMENT MARKINGS LEGEND |   |          |
|------------------------------------|---|----------|
| SYMBOL                             | ITEM  | QUANTITY |
| (A)                                | 4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)                      | 1,025 LF |
| (B)                                | 4" SOLID YELLOW TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)                     | 751 LF   |
| (D)                                | 4" DASHED WHITE TEMPORARY PAINT PAVEMENT STRIPING, 2' LINE & 6' GAP (ITEM 748019)   | 60 LF    |
| (E)                                | 4" DASHED WHITE TEMPORARY PAINT PAVEMENT STRIPING, 10' LINE & 30' GAP (ITEM 748019) | 130 LF   |
| (G)                                | WHITE TEMPORARY PAINT PAVEMENT SYMBOL (ITEM 748026)                                 | 34 SF    |
| (V)                                | 10" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748034)                     | 24 LF    |



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|  |                       |               |  |  |   |   |                                      |
|--|-----------------------|---------------|--|--|---|---|--------------------------------------|
| <b>DELAWARE DEPARTMENT OF TRANSPORTATION</b> | ADDENDUMS / REVISIONS | SCALE<br>FEET | <b>HEP NCC, SR2,<br/>WOLLASTON ROAD<br/>TO MILLTOWN ROAD</b> | CONTRACT<br>T201200701<br>COUNTY<br>NEW CASTLE | BRIDGE NO.<br><b>N/A</b><br>DESIGNED BY: SHB<br>CHECKED BY: JKL | <b>CONSTRUCTION PHASING,<br/>M.O.T., AND EROSION<br/>CONTROL PLAN - PHASE 6</b> | SHEET NO.<br>39<br>TOTAL SHTS.<br>64 |
|  |                       |               |  |  |   |   |                                      |



**SEQUENCE OF CONSTRUCTION**

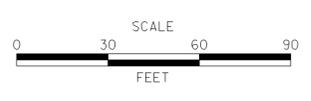
1. INSTALL MAINTENANCE OF TRAFFIC USING TA-33 OF THE DE MUTCD TO CLOSE THE RIGHT LANE OF EASTBOUND SR2, REMOVE EXISTING STRIPING AND RESTRIPE WITH TEMPORARY STRIPING AS SHOWN BELOW. SHIFT SIGNAL HEADS ON EASTBOUND SR2 AT DELAWARE PARK DRIVE TO REFLECT TRAFFIC SHIFT. UNBAG THE SIGNAL HEAD FOR THE RIGHT LANE AND THE OVERHEAD SIGNS AT STATION 10+19.
2. ADJUST MAINTENANCE OF TRAFFIC USING TA-3A OF THE DE MUTCD TO CLOSE THE MEDIAN SHOULDERS OF EASTBOUND AND WESTBOUND SR2. DURING NIGHT WORK, UTILIZE TA-33 OF THE DE MUTCD TO CLOSE THE LEFT LANE OF EASTBOUND SR2 AND LEFT LANE OF WESTBOUND SR2. INSTALL DETOUR FOR THE LEFT TURN MOVEMENT FROM EASTBOUND SR2 TO MILLTOWN ROAD.
3. ENSURE ALL EXISTING EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE. INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN.
4. SAWCUT PAVEMENT AROUND THE MEDIAN. EXCAVATE EXISTING PAVEMENT AND CURB SECTIONS AROUND THE MEDIAN. CONSTRUCT PCC MONOLITHIC MEDIAN CURB SECTION FIRST TO MINIMIZE LEFT TURN CLOSURES AND DETOURS.
5. CONSTRUCT PROPOSED DRAINAGE PIPES AND STRUCTURES.
6. GRADE OUT AND CONSTRUCT PROPOSED CURB IN THE MEDIAN.
7. CONSTRUCT PROPOSED ROADWAY SECTION UP TO THE TOP OF TYPE B WARM MIX.
8. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL AND SEEDING. BEGIN PHASE 7.

**TEMPORARY PAVEMENT MARKINGS LEGEND**

| SYMBOL | ITEM  | QUANTITY |
|--------|---|----------|
| (A)    | 4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)                      | 604 LF   |
| (B)    | 4" SOLID YELLOW TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)                     | 330 LF   |
| (C)    | 4" SOLID DOUBLE YELLOW TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)              | 39 LF    |
| (D)    | 4" DASHED WHITE TEMPORARY PAINT PAVEMENT STRIPING, 2' LINE & 6' GAP (ITEM 748019)   | 44 LF    |
| (E)    | 4" DASHED WHITE TEMPORARY PAINT PAVEMENT STRIPING, 10' LINE & 30' GAP (ITEM 748019) | 30 LF    |
| (G)    | WHITE TEMPORARY PAINT PAVEMENT SYMBOL (ITEM 748026)                                 | 16 SF    |
| (V)    | 10" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748034)                     | 45 LF    |

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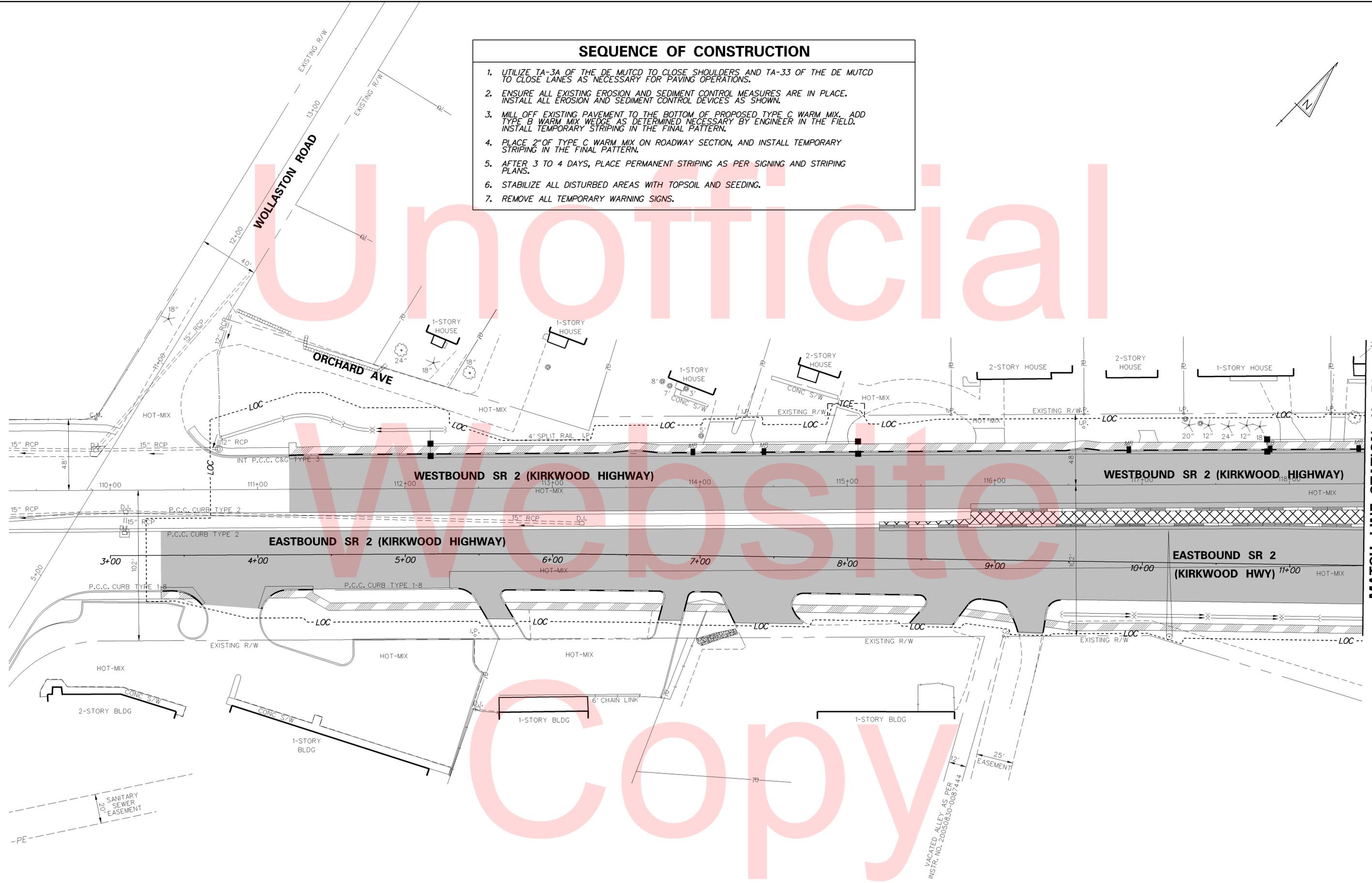
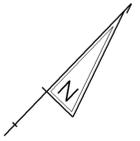
| ADDENDUMS / REVISIONS |
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|------------------------|-------------------------------------|
| CONTRACT<br>T201200701 | BRIDGE NO.<br>N/A                   |
| COUNTY<br>NEW CASTLE   | DESIGNED BY: SHB<br>CHECKED BY: JKL |

### SEQUENCE OF CONSTRUCTION

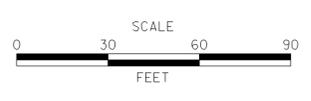
1. UTILIZE TA-3A OF THE DE MUTCD TO CLOSE SHOULDERS AND TA-33 OF THE DE MUTCD TO CLOSE LANES AS NECESSARY FOR PAVING OPERATIONS.
2. ENSURE ALL EXISTING EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE. INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN.
3. MILL OFF EXISTING PAVEMENT TO THE BOTTOM OF PROPOSED TYPE C WARM MIX. ADD TYPE B WARM MIX WEDGE AS DETERMINED NECESSARY BY ENGINEER IN THE FIELD. INSTALL TEMPORARY STRIPING IN THE FINAL PATTERN.
4. PLACE 2" OF TYPE C WARM MIX ON ROADWAY SECTION, AND INSTALL TEMPORARY STRIPING IN THE FINAL PATTERN.
5. AFTER 3 TO 4 DAYS, PLACE PERMANENT STRIPING AS PER SIGNING AND STRIPING PLANS.
6. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL AND SEEDING.
7. REMOVE ALL TEMPORARY WARNING SIGNS.



MATCH LINE STATION 11+50

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| ADDENDUMS / REVISIONS |  |
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**HEP NCC, SR2,  
WOLLASTON ROAD  
TO MILLTOWN ROAD**

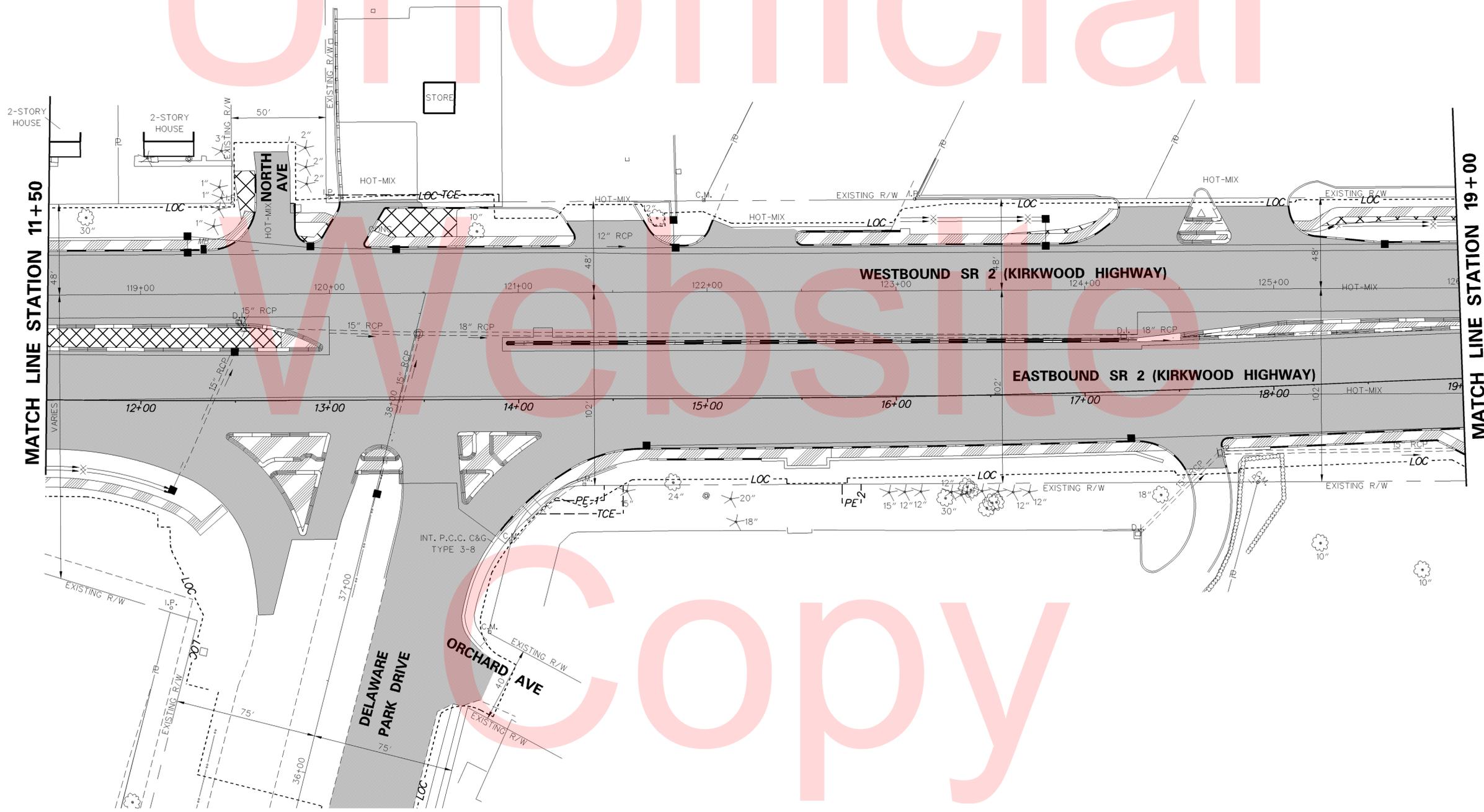
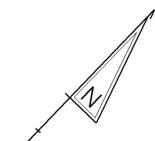
|                        |                     |                    |
|------------------------|---------------------|--------------------|
| CONTRACT<br>T201200701 | BRIDGE NO.<br>      | <b>NA</b>          |
| COUNTY<br>NEW CASTLE   | DESIGNED BY:<br>SHB | CHECKED BY:<br>JKL |

**CONSTRUCTION PHASING,  
M.O.T., AND EROSION  
CONTROL PLAN - PHASE 7**

|                   |
|-------------------|
| SHEET NO.<br>41   |
| TOTAL SHTS.<br>64 |

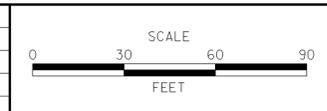
**SEQUENCE OF CONSTRUCTION**

1. UTILIZE TA-3A OF THE DE MUTCD TO CLOSE SHOULDERS AND TA-33 OF THE DE MUTCD TO CLOSE LANES AS NECESSARY FOR PAVING OPERATIONS.
2. ENSURE ALL EXISTING EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE. INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN.
3. MILL OFF EXISTING PAVEMENT TO THE BOTTOM OF PROPOSED TYPE C WARM MIX. ADD TYPE B WARM MIX WEDGE AS DETERMINED NECESSARY BY ENGINEER IN THE FIELD. INSTALL TEMPORARY STRIPING IN THE FINAL PATTERN.
4. PLACE 2" OF TYPE C WARM MIX ON ROADWAY SECTION, AND INSTALL TEMPORARY STRIPING IN THE FINAL PATTERN.
5. AFTER 3 TO 4 DAYS, PLACE PERMANENT STRIPING AS PER SIGNING AND STRIPING PLANS.
6. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL AND SEEDING.
7. REMOVE ALL TEMPORARY WARNING SIGNS.



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| ADDENDUMS / REVISIONS |
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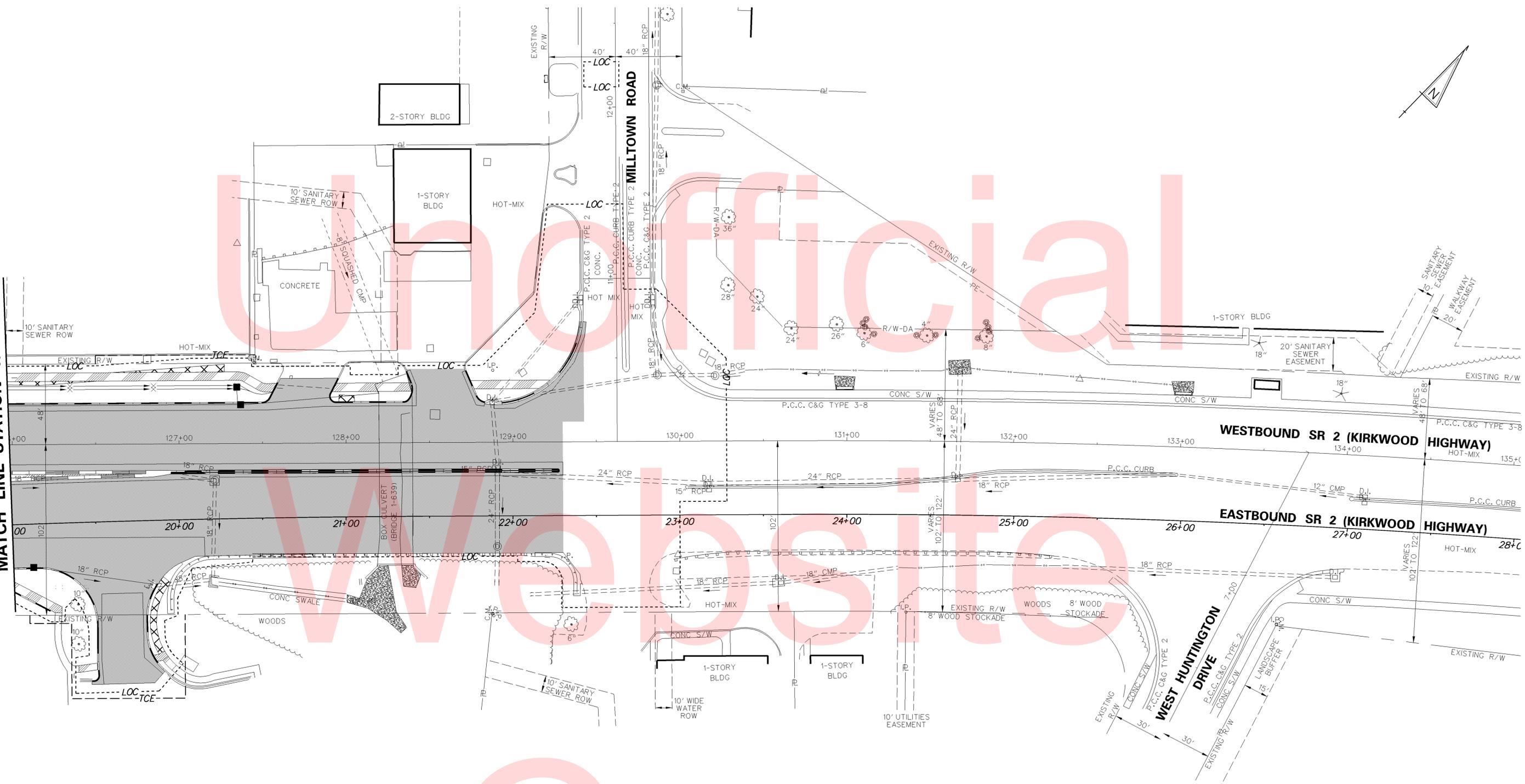
**HEP NCC, SR2, WOLLASTON ROAD TO MILLTOWN ROAD**

|                        |                                     |
|------------------------|-------------------------------------|
| CONTRACT<br>T201200701 | BRIDGE NO.<br>N/A                   |
| COUNTY<br>NEW CASTLE   | DESIGNED BY: SHB<br>CHECKED BY: JKL |

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 7**

|                   |
|-------------------|
| SHEET NO.<br>42   |
| TOTAL SHTS.<br>64 |

MATCH LINE STATION 19+00

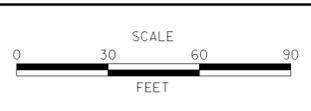


**SEQUENCE OF CONSTRUCTION**

1. UTILIZE TA-3A OF THE DE MUTCD TO CLOSE SHOULDERS AND TA-33 OF THE DE MUTCD TO CLOSE LANES AS NECESSARY FOR PAVING OPERATIONS.
2. ENSURE ALL EXISTING EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE. INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN.
3. MILL OFF EXISTING PAVEMENT TO THE BOTTOM OF PROPOSED TYPE C WARM MIX. ADD TYPE B WARM MIX WEDGE AS DETERMINED NECESSARY BY ENGINEER IN THE FIELD. INSTALL TEMPORARY STRIPING IN THE FINAL PATTERN.
4. PLACE 2" OF TYPE C WARM MIX ON ROADWAY SECTION, AND INSTALL TEMPORARY STRIPING IN THE FINAL PATTERN.
5. AFTER 3 TO 4 DAYS, PLACE PERMANENT STRIPING AS PER SIGNING AND STRIPING PLANS.
6. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL AND SEEDING.
7. REMOVE ALL TEMPORARY WARNING SIGNS.

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| ADDENDUMS / REVISIONS |
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|------------------------|---------------------|--------------------|
| CONTRACT<br>T201200701 | BRIDGE NO.<br>      | <b>N/A</b>         |
| COUNTY<br>NEW CASTLE   | DESIGNED BY:<br>SHB | CHECKED BY:<br>JKL |

\DDJ\F508\CADD\ACTIVE\_DESIGNS\TRAFFIC\SAFETY\CAPITAL PROJECTS\NEWCASTLE\SCOTT\NORTH\201200701 - SR 2, WOLLASTON ROAD TO MILLTOWN ROAD\DETOURS\PEDESTRIAN PED DETOUR A.DGN



**LEGEND**

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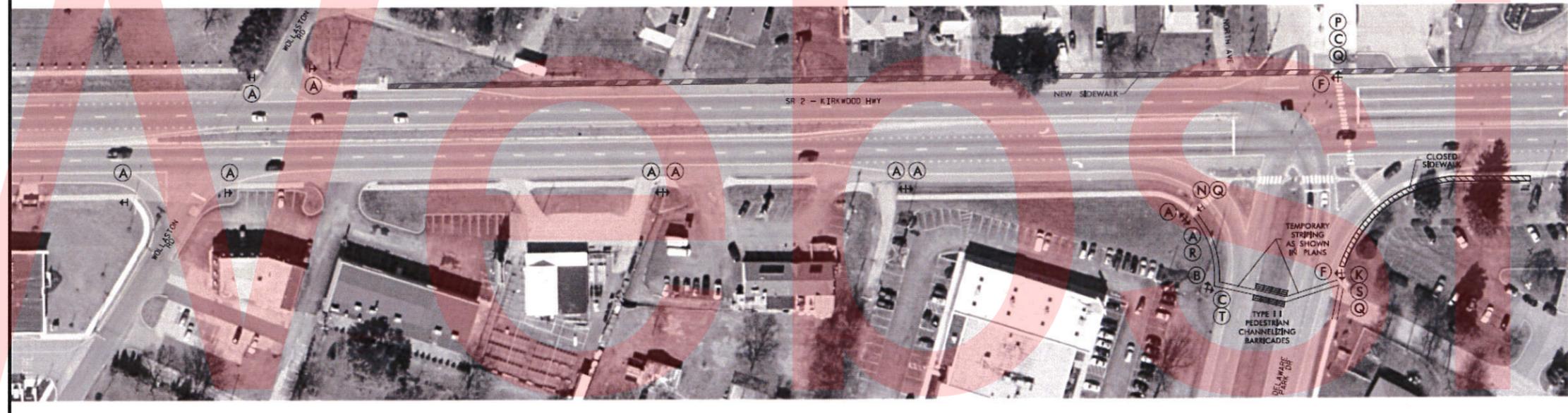
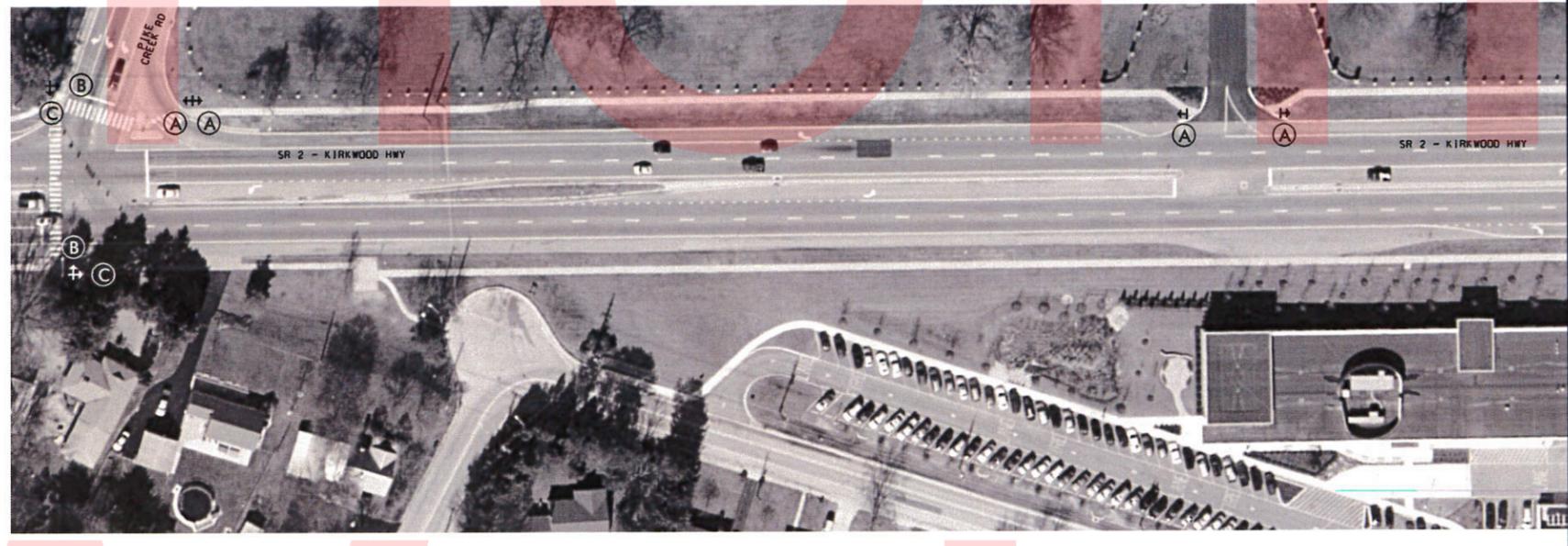
**GENERAL NOTES**

- ALL DETOUR SIGNING, INCLUDING TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE WITH "THE DELAWARE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD.)
- THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD PART 6) FOR BARRICADES AND SIGNS (AS PER LATEST REVISION.)
- DESIGN OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE FHWA STANDARD HIGHWAY SIGNS BOOK.
- SIZES OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD.) SIZE OF SIGN SHALL BE BASED ON TYPE OF ROADWAY ON WHICH THE SIGN IS INSTALLED.
- SIGNS NO LONGER IN USE SHALL BE COMPLETELY COVERED WITH NO RETROREFLECTIVE MATERIAL SHOWING, OR SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER.
- FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD) WILL PREVAIL.
- WARNING SIGNS AND DETOUR TRAILBLAZERS SHALL BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT ORANGE SHEETING.
- "Q" BARRICADE SHALL COMPLETELY RUN THE FULL WIDTH OF SIDEWALK OR PEDESTRIAN PATH.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
- PEDESTRIAN DETOUR TRAILBLAZERS NOT ATTACHED TO BARRICADES ARE TO EITHER BE GROUND MOUNTED OR ATTACHED TO AN EXISTING SIGN POST AT THE LOCATION SHOWN ON THE PLAN.

NOTE: PEDESTRIAN DETOUR 'A' TO BE IMPLEMENTED DURING CONSTRUCTION PHASE 1.

|                                       |                               |   |   |  |
|---------------------------------------|-------------------------------|---|---|--|
| RECOMMENDED _____ DATE: _____         | RECOMMENDED _____ DATE: _____ | RECOMMENDED <i>Rose &amp; DeWitt</i> DATE: <i>8/18/15</i> | APPROVED CHIEF SAFETY OFFICER <i>W. Blodgett</i> DATE: <i>8-19-15</i> | APPROVED TRAFFIC ENGINEER <i>SW</i> DATE: <i>8/19/15</i> |
| DELAWARE DEPARTMENT OF TRANSPORTATION |                               | ADDENDUM / REVISIONS                                      | NOT TO SCALE  | HEP NCC, SR2,<br>WOLLASTON ROAD<br>TO MILLTOWN ROAD      |
|                                       |                               |   | CONTRACT T201200701<br>COUNTY NEW CASTLE                              | BRIDGE NO. X<br>DESIGNED BY: SWN<br>CHECKED BY: ASW      |
|                                       |                               |   |   | PEDESTRIAN<br>DETOUR PLAN 'A'                            |
|                                       |                               |   |   | SHEET NO. 44<br>TOTAL SHTS. 64                           |

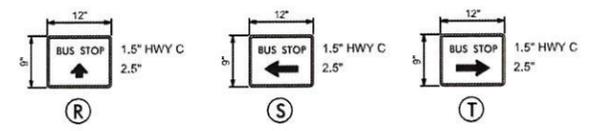
\\D01FF508\CADD\ACTIVE\_DESIGNS\TRAFFIC\SAFETY\CAPITAL PROJECTS\NEWCASTLE\SCOTT\NORTH\201200701-SR 2-WOLLASTON ROAD TO MILLTOWN ROAD\DETOURS\PEDESTRIAN\PED DETOUR B.DGN



### LEGEND

|                 |                 |                 |
|-----------------|-----------------|-----------------|
| <br>A           | <br>B           | <br>C           |
| <br>D           | <br>E           | <br>F           |
| <br>G R9-8      | <br>H R9-10     |                 |
| <br>I R9-11(L)  | <br>J R9-11(R)  |                 |
| <br>K R9-11a(L) | <br>L R9-11a(R) | <br>M R9-9(MOD) |
| <br>N R9-9      | <br>O R9-9(MOD) | <br>P R9-9(MOD) |
| <br>Q           |                 |                 |

- ### GENERAL NOTES
1. ALL DETOUR SIGNING, INCLUDING TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE WITH "THE DELAWARE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD.)
  2. THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD PART 6) FOR BARRICADES AND SIGNS (AS PER LATEST REVISION.)
  3. DESIGN OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE FHWA STANDARD HIGHWAY SIGNS BOOK.
  4. SIZES OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD.) SIZE OF SIGN SHALL BE BASED ON TYPE OF ROADWAY ON WHICH THE SIGN IS INSTALLED.
  5. SIGNS NO LONGER IN USE SHALL BE COMPLETELY COVERED WITH NO RETROREFLECTIVE MATERIAL SHOWING, OR SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER.
  6. FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD) WILL PREVAIL.
  7. WARNING SIGNS AND DETOUR TRAILBLAZERS SHALL BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT ORANGE SHEETING.
  8. "Q" BARRICADE SHALL COMPLETELY RUN THE FULL WIDTH OF SIDEWALK OR PEDESTRIAN PATH.
  9. BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
  10. PEDESTRIAN DETOUR TRAILBLAZERS NOT ATTACHED TO BARRICADES ARE TO EITHER BE GROUND MOUNTED OR ATTACHED TO AN EXISTING SIGN POST AT THE LOCATION SHOWN ON THE PLAN.



\*SIGNS R, S, T TO BE BLACK ON RETROREFLECTIVE FLUORESCENT ORANGE

NOTE: PEDESTRIAN DETOUR 'B' TO BE IMPLEMENTED DURING CONSTRUCTION PHASE 2.

|                               |                               |  |  |
|-------------------------------|-------------------------------|--|--|
| RECOMMENDED _____ DATE: _____ | RECOMMENDED _____ DATE: _____ | RECOMMENDED _____ DATE: <u>8/19/15</u>                             | APPROVED CHIEF SAFETY OFFICER: <u>[Signature]</u> DATE: <u>8-21-15</u> |
| ADDENDUM / REVISIONS          |                               | APPROVED TRAFFIC ENGINEER: <u>[Signature]</u> DATE: <u>8/24/15</u> |  |
|                               |                               | NOT TO SCALE   | HEP NCC, SR2,<br>WOLLASTON ROAD<br>TO MILLTOWN ROAD                    |
|                               |                               | CONTRACT<br>T201200701   | BRIDGE NO.<br>X  |
|                               |                               | COUNTY<br>NEW CASTLE   | DESIGNED BY: SWN<br>CHECKED BY: ASW                                    |
|                               |                               | PEDESTRIAN<br>DETOUR PLAN 'B'                                      |  |
|                               |                               | SHEET NO.<br>45  | TOTAL SHTS.<br>64  |

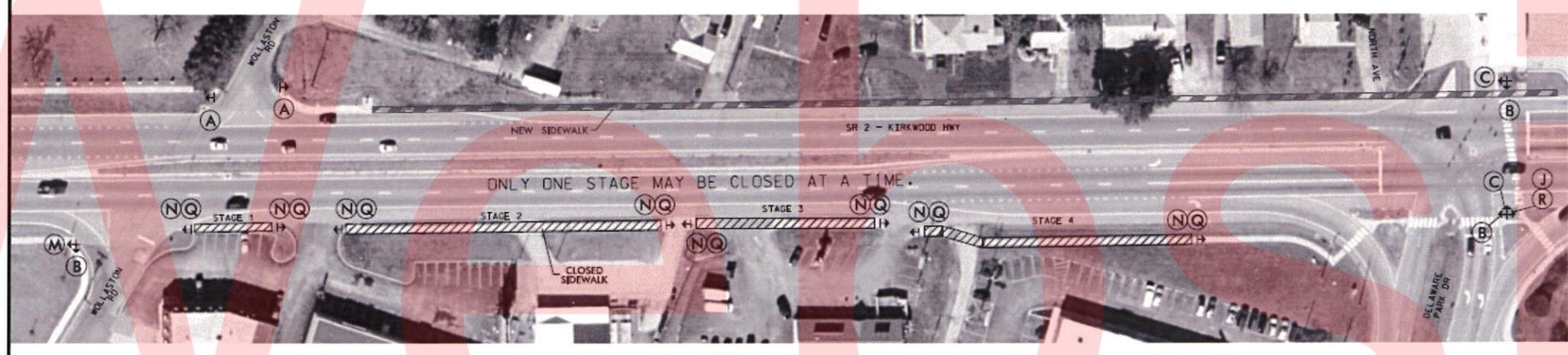
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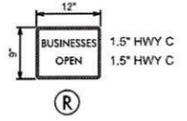
MATCH LINE

### LEGEND

|                 |                 |                 |
|-----------------|-----------------|-----------------|
| <br>A           | <br>B           | <br>C           |
| <br>D           | <br>E           | <br>F           |
| <br>G R9-8      | <br>H R9-10     |                 |
| <br>I R9-11(L)  | <br>J R9-11(R)  |                 |
| <br>K R9-11a(L) | <br>L R9-11a(R) | <br>M R9-9(MOD) |
| <br>N R9-9      | <br>O R9-9(MOD) | <br>P R9-9(MOD) |
| <br>Q           |                 |                 |



MATCH LINE



SIGN R SHALL BE BLACK ON RETROREFLECTIVE FLUORESCENT ORANGE

NOTE: PEDESTRIAN DETOUR 'C' TO BE IMPLEMENTED DURING CONSTRUCTION PHASE 5.

- ### GENERAL NOTES
1. ALL DETOUR SIGNING, INCLUDING TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE WITH "THE DELAWARE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD.)
  2. THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD PART 6) FOR BARRICADES AND SIGNS (AS PER LATEST REVISION.)
  3. DESIGN OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE FHWA STANDARD HIGHWAY SIGNS BOOK.
  4. SIZES OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD.) SIZE OF SIGN SHALL BE BASED ON TYPE OF ROADWAY ON WHICH THE SIGN IS INSTALLED.
  5. SIGNS NO LONGER IN USE SHALL BE COMPLETELY COVERED WITH NO RETROREFLECTIVE MATERIAL SHOWING, OR SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER.
  6. FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD) WILL PREVAIL.
  7. WARNING SIGNS AND DETOUR TRAILBLAZERS SHALL BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT ORANGE SHEETING.
  8. "Q" BARRICADE SHALL COMPLETELY RUN THE FULL WIDTH OF SIDEWALK OR PEDESTRIAN PATH.
  9. BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
  10. PEDESTRIAN DETOUR TRAILBLAZERS NOT ATTACHED TO BARRICADES ARE TO EITHER BE GROUND MOUNTED OR ATTACHED TO AN EXISTING SIGN POST AT THE LOCATION SHOWN ON THE PLAN.

|   |                               |   |   |   |           |            |             |            |                  |  |        |                 |  |            |  |  |
|---|-------------------------------|---|---|---|-----------|------------|-------------|------------|------------------|--|--------|-----------------|--|------------|--|--|
| RECOMMENDED _____ DATE: _____             | RECOMMENDED _____ DATE: _____ | RECOMMENDED <i>[Signature]</i> DATE: <u>8/19/15</u> | APPROVED CHIEF SAFETY OFFICER <i>[Signature]</i> DATE: <u>8-21-15</u> | APPROVED TRAFFIC ENGINEER <i>[Signature]</i> DATE: <u>8/24/15</u>   |           |            |             |            |                  |  |        |                 |  |            |  |  |
| <br>DELAWARE DEPARTMENT OF TRANSPORTATION | ADDENDUM / REVISIONS          | NOT TO SCALE  | HEP NCC, SR2, WOLLASTON ROAD TO MILLTOWN ROAD                         | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CONTRACT</td> <td>BRIDGE NO.</td> <td style="text-align: center;">X</td> </tr> <tr> <td>T201200701</td> <td>DESIGNED BY: SWN</td> <td></td> </tr> <tr> <td>COUNTY</td> <td>CHECKED BY: ASW</td> <td></td> </tr> <tr> <td>NEW CASTLE</td> <td></td> <td></td> </tr> </table> | CONTRACT  | BRIDGE NO. | X           | T201200701 | DESIGNED BY: SWN |  | COUNTY | CHECKED BY: ASW |  | NEW CASTLE |  |  |
|   | CONTRACT                      | BRIDGE NO.  | X   |   |           |            |             |            |                  |  |        |                 |  |            |  |  |
| T201200701                                | DESIGNED BY: SWN              |   |   |   |           |            |             |            |                  |  |        |                 |  |            |  |  |
| COUNTY                                    | CHECKED BY: ASW               |   |   |   |           |            |             |            |                  |  |        |                 |  |            |  |  |
| NEW CASTLE                                |                               |   |   |   |           |            |             |            |                  |  |        |                 |  |            |  |  |
|   |                               |   | PEDESTRIAN DETOUR PLAN 'C'  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SHEET NO.</td> <td style="text-align: center;">46</td> </tr> <tr> <td>TOTAL SHTS.</td> <td style="text-align: center;">64</td> </tr> </table>   | SHEET NO. | 46         | TOTAL SHTS. | 64         |                  |  |        |                 |  |            |  |  |
| SHEET NO.                                 | 46                            |   |   |   |           |            |             |            |                  |  |        |                 |  |            |  |  |
| TOTAL SHTS.                               | 64                            |   |   |   |           |            |             |            |                  |  |        |                 |  |            |  |  |

\ADOIT\JOB-C-ADD\ACTIVE\_DESIGN\TRAFFIC SAFETY\CAPITAL PROJECTS\NEWCASTLE\SCOTTY\NORTH\201200701 - SR 2, WOLLASTON ROAD TO MILLTOWN ROAD\DETOURS\DETOURS.DGN

**PORTABLE CHANGEABLE MESSAGE SIGNS**

**PRIOR TO DETOUR**  
(10 DAYS PRIOR TO BEGINNING OF DETOUR)

PCMS-1

DELAWARE PARK DR CLOSING

AT SR 2 STARTING XXXX/XX

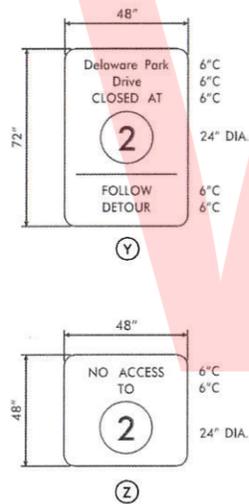
**DURING DETOUR**  
(DISPLAY FOR 5 DAYS AFTER IMPLEMENTATION OF DETOUR)

PCMS-2

DELAWARE PARK DR CLOSED

AT SR 2 FOLLOW DETOUR

**SPECIAL SIGNS**



SPECIAL SIGNS TO BE BLACK ON RETROREFLECTIVE FLUORESCENT PRISMATIC ORANGE.

ROUTE SHIELDS TO BE BLACK LEGEND ON WHITE BACKGROUND.



**LEGEND**

|   |  |  |                    |                         |
|---|--|--|--------------------|-------------------------|
| (A) DETOUR<br>M4-9-DE                                       | (B) DETOUR<br>M4-9   | (C) DETOUR<br>M4-9                       | (D) DETOUR<br>M4-9 | (E) DETOUR<br>M4-9      |
| (F) DETOUR<br>M4-9  | (G) DETOUR<br>M4-9   | (H) DETOUR<br>M4-9                       | (I) DETOUR<br>M4-9 | (J) END DETOUR<br>M4-9a |
| (K) DETOUR AHEAD<br>W20-2                                   | (L) DETOUR 1000 FT<br>W20-2                                | (M) DETOUR 500 FT<br>W20-2               |                    |                         |
| (N) ROAD CLOSED AHEAD<br>W20-3                              | (O) ROAD CLOSED 1000 FT<br>W20-3                           | (P) ROAD CLOSED 500 FT<br>W20-3          |                    |                         |
| (Q) ROAD CLOSED<br>R11-2                                    | (R) DETOUR<br>M4-10(L)                                     | (S) DETOUR<br>M4-10(R)                   |                    |                         |
| (T) ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY<br>R11-3a | (U) BRIDGE OUT XX MILES AHEAD LOCAL TRAFFIC ONLY<br>R11-3b | (V) ROAD CLOSED TO THRU TRAFFIC<br>R11-4 |                    |                         |
|   |  | (W) BARRICADE                            |                    |                         |
|   |  | (X) BARRICADE                            |                    |                         |

**GENERAL NOTES**

- ALL DETOUR SIGNING, INCLUDING TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE WITH "THE DELAWARE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD.)
- THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD PART 6) FOR BARRICADES AND SIGNS (AS PER LATEST REVISION.)
- DESIGN OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE FHWA STANDARD HIGHWAY SIGNS BOOK.
- SIZES OF ALL SIGNS SHALL BE IN ACCORDANCE WITH "THE DELAWARE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD.) SIZE OF SIGN SHALL BE BASED ON TYPE OF ROADWAY ON WHICH THE SIGN IS INSTALLED.
- SIGNS NO LONGER IN USE SHALL BE COMPLETELY COVERED WITH NO RETROREFLECTIVE MATERIAL SHOWING, OR SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER.
- FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD) WILL PREVAIL.
- SIGNS "N" THROUGH "G" AND "I" AND "V"; THE WORD "ROAD" SHOULD BE CHANGED TO "RAMP", "RR XING", OR "BRIDGE" WHERE APPLICABLE.
- WARNING SIGNS AND DETOUR TRAILBLAZERS SHALL BE MOUNTED ON THEIR OWN BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT ORANGE SHEETING.
- "W" BARRICADES SHALL COMPLETELY RUN THE FULL WIDTH OF THE ROADWAY.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

**SPECIAL NOTES:**  
IN CONJUNCTION WITH THIS DETOUR, CONTRACTOR SHALL IMPLEMENT THE ALTERNATE TRAFFIC PATTERN ON DELAWARE PARK DRIVE AS SHOWN ON THE APPLICABLE SIGNING AND STRIPING PLAN.

|                               |                               |  |  |  |  |
|-------------------------------|-------------------------------|--|--|--|--|
| RECOMMENDED _____ DATE: _____ | RECOMMENDED _____ DATE: _____ | RECOMMENDED <i>Paul P. Dot</i> DATE: 8/18/15 | APPROVED CHIEF SAFETY OFFICER <i>h. h. h. h.</i> DATE: 8-19-15 | APPROVED TRAFFIC ENGINEER <i>SAI</i> DATE: 8/19/15   |  |
|                               |                               | ADDENDUM / REVISIONS                         | NOT TO SCALE   | CONTRACT: T201200701<br>COUNTY: NEW CASTLE<br>BRIDGE NO.: N/A<br>DESIGNED BY: SWN<br>CHECKED BY: ASW | <b>VEHICULAR DETOUR PLAN</b><br>Delaware Park Dr<br>SHEET NO.: 47<br>TOTAL SHTS.: 64 |

**NOTES:**

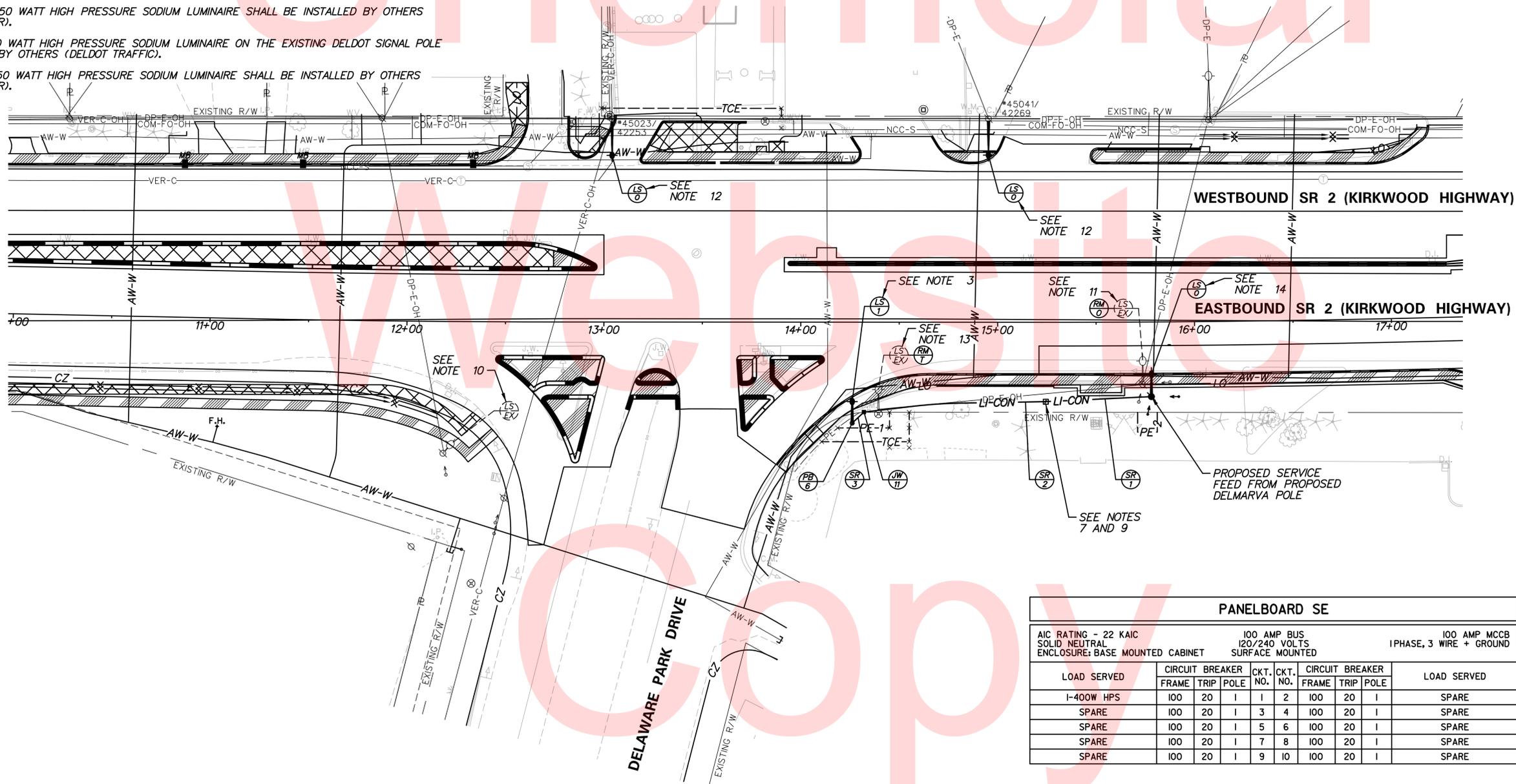
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY AND/OR THE APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS.
- ALL CONDUITS SHALL BE SCHEDULE 80 PVC WHEN INSTALLED BY TRENCHING AND SCHEDULE 80 HDPE WHEN INSTALLED BY BORING, UNLESS OTHERWISE NOTED.
- THE PROPOSED DELDOT STANDARD LUMINAIRE SHALL BE 400 WATT H.P.S. WITH MEDIUM VERTICAL DISTRIBUTION, IES TYPE 3 HORIZONTAL DISTRIBUTION, COBRA-HEAD STYLE FIXTURES WITH CUT-OFF OPTICS MOUNTED WITH 0° TILT ANGLE.
- PHOTOELECTRIC CONTROL SHALL BE AT THE PHOTOCELL ON LUMINAIRE.
- THE CONTRACTOR SHALL STAKEOUT THE PROPOSED LIGHT POLE LOCATION PRIOR TO THE INSTALLATION OF THE POLE BASE. IF THE CONTRACTOR PERCEIVES THAT AN UNDERGROUND OR OVERHEAD UTILITY CONFLICT EXISTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR A RESOLUTION.
- DELDOT LIGHTING STANDARD SHALL BE INSTALLED ON A BREAKAWAY TRANSFORMER BASE.
- FURNISH AND INSTALL ELECTRICAL UTILITY SERVICE PEDESTAL (100 AMP) PER DELDOT STANDARD NO. T-17 (2013) WITH (1) 30 AMP INLINE FUSE KIT IN TYPE "C" CONDULET.
- THE CONTRACTOR SHALL PROVIDE (4) SETS OF RED-LINED AS-BUILT PLANS TO THE ENGINEER SHOWING OFFSETS FROM THE CENTERLINE OF THE ROAD AND DEPTH OF THE CONDUIT FROM THE CENTERLINE OF THE ROAD.
- POWER FEED TO THE ELECTRICAL SERVICE PEDESTAL IS SUPPLIED FROM THE PROPOSED DELMARVA UTILITY POLE.
- THE EXISTING 250 WATT HIGH PRESSURE SODIUM MONGOOSE LUMINAIRE ON DELMARVA POWER UTILITY POLE TO REMAIN.
- THE EXISTING 250 WATT HIGH PRESSURE SODIUM LUMINAIRE ON DELMARVA POWER UTILITY POLE TO BE REMOVED BY OTHERS (DELMARVA POWER).
- THE PROPOSED 250 WATT HIGH PRESSURE SODIUM LUMINAIRE SHALL BE INSTALLED BY OTHERS (DELMARVA POWER).
- THE EXISTING 250 WATT HIGH PRESSURE SODIUM LUMINAIRE ON THE EXISTING DELDOT SIGNAL POLE TO BE REMOVED BY OTHERS (DELDOT TRAFFIC).
- THE PROPOSED 150 WATT HIGH PRESSURE SODIUM LUMINAIRE SHALL BE INSTALLED BY OTHERS (DELMARVA POWER).

| LIGHTING STANDARD SCHEDULE |             |                          |        |      |                                    |
|----------------------------|-------------|--------------------------|--------|------|------------------------------------|
| NO.                        | CIRCUIT NO. | OFFSET FROM EDGE OF ROAD | HEIGHT | ARM  | LIGHT STANDARD                     |
| LS-1                       | 1           | 13 FT                    | 40 FT  | 8 FT | 400 W HPS, IES TYPE 3 DISTRIBUTION |

| LIGHTING SERVICE SCHEDULE |               |      |          |                     |              |
|---------------------------|---------------|------|----------|---------------------|--------------|
| SERVICE RUN               | # OF CONDUITS | SIZE | DISTANCE | DESCRIPTION         | INSTALLATION |
| 1*                        | 1             | 2.0" | 54 FT    | (3)#2, (1)#2 GROUND | TRENCH       |
| 2*                        | 1             | 2.0" | 92 FT    | (2)#6, (1)#6 GROUND | TRENCH       |
| 3                         | 1             | 4.0" | 9 FT     | (2)#6, (1)#6 GROUND | TRENCH       |

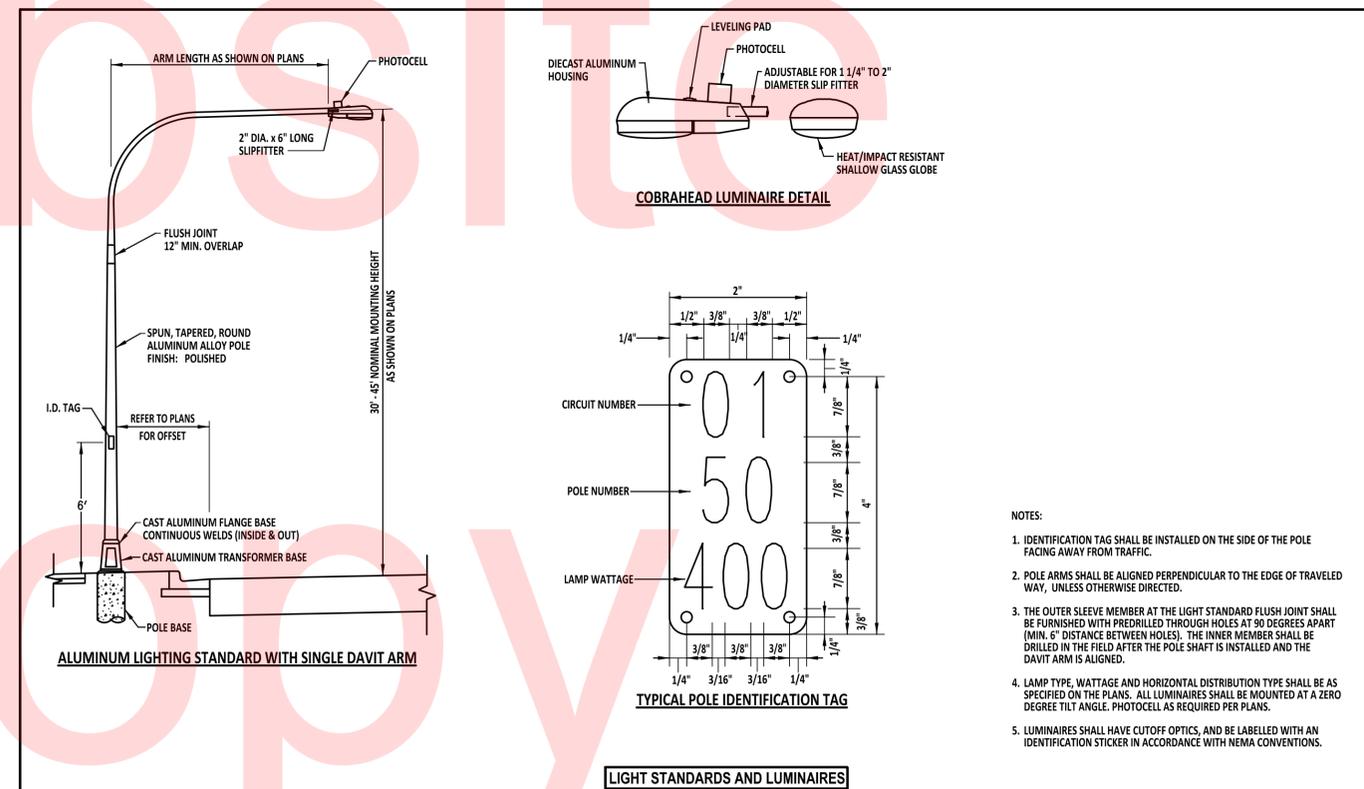
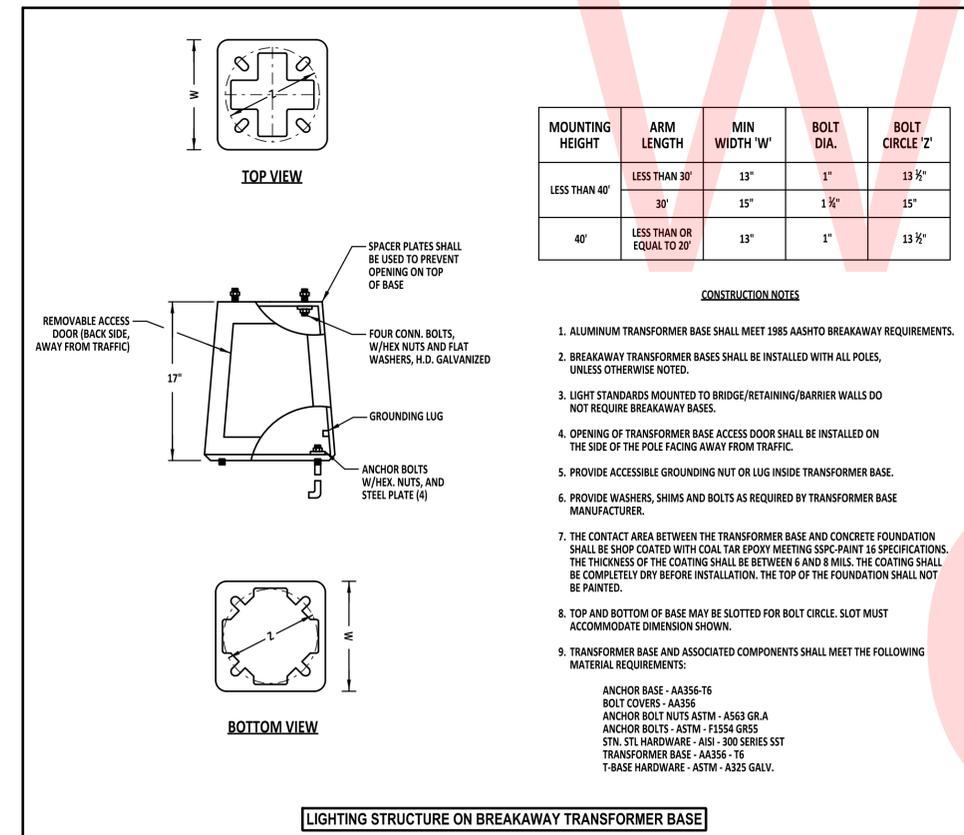
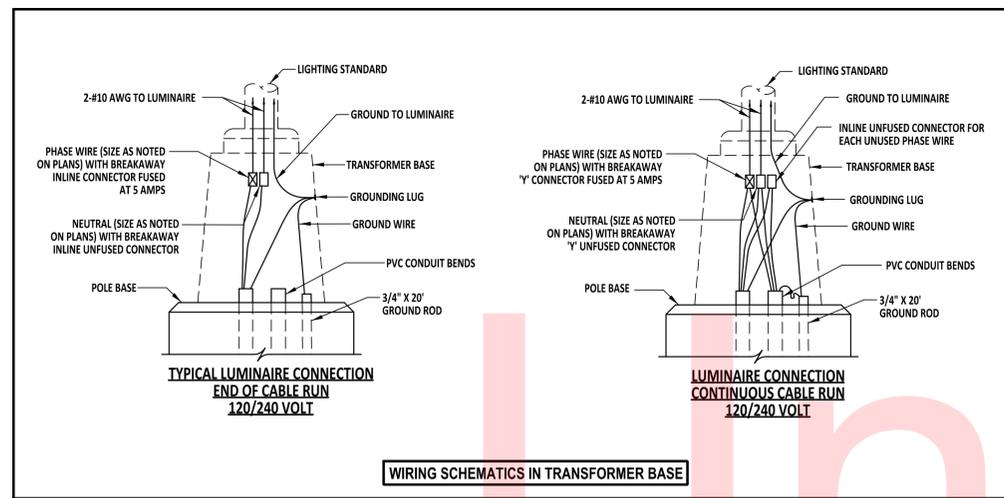
NOTE: SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTH ONLY.  
\*RIGID GALVANIZED STEEL CONDUIT

| LIGHTING SYMBOL LEGEND |   |
|------------------------|---|
| SYMBOL                 | DESCRIPTION                                       |
|                        | PROPOSED LIGHTING STANDARD AND POLE BASE          |
|                        | PROPOSED LIGHTING JUNCTION WELL                   |
|                        | PROPOSED LIGHTING STANDARD IDENTIFIER             |
|                        | PROPOSED LIGHTING SERVICE RUN                     |
|                        | PROPOSED SERVICE RUN IDENTIFIER                   |
|                        | PROPOSED LIGHTING JUNCTION WELL IDENTIFIER (TYPE) |
|                        | PROPOSED LIGHTING POLE BASE IDENTIFIER (TYPE)     |
|                        | PROPOSED SERVICE PEDESTAL                         |
|                        | EXISTING UTILITY POLE                             |
|                        | EXISTING LIGHTING STANDARD IDENTIFIER             |
|                        | EXISTING LIGHTING STANDARD                        |



| PANELBOARD SE                   |                       |                 |      |                         |          |                       |      |      |             |
|---------------------------------|-----------------------|-----------------|------|-------------------------|----------|-----------------------|------|------|-------------|
| AIC RATING - 22 KAIC            |                       | 100 AMP BUS     |      | 100 AMP MCCB            |          |                       |      |      |             |
| SOLID NEUTRAL                   |                       | 120/240 VOLTS   |      | 1PHASE, 3 WIRE + GROUND |          |                       |      |      |             |
| ENCLOSURE: BASE MOUNTED CABINET |                       | SURFACE MOUNTED |      |                         |          |                       |      |      |             |
| LOAD SERVED                     | CIRCUIT BREAKER FRAME | TRIP            | POLE | CKT. NO.                | CKT. NO. | CIRCUIT BREAKER FRAME | TRIP | POLE | LOAD SERVED |
| I-400W HPS                      | 100                   | 20              | 1    | 1                       | 2        | 100                   | 20   | 1    | SPARE       |
| SPARE                           | 100                   | 20              | 1    | 3                       | 4        | 100                   | 20   | 1    | SPARE       |
| SPARE                           | 100                   | 20              | 1    | 5                       | 6        | 100                   | 20   | 1    | SPARE       |
| SPARE                           | 100                   | 20              | 1    | 7                       | 8        | 100                   | 20   | 1    | SPARE       |
| SPARE                           | 100                   | 20              | 1    | 9                       | 10       | 100                   | 20   | 1    | SPARE       |

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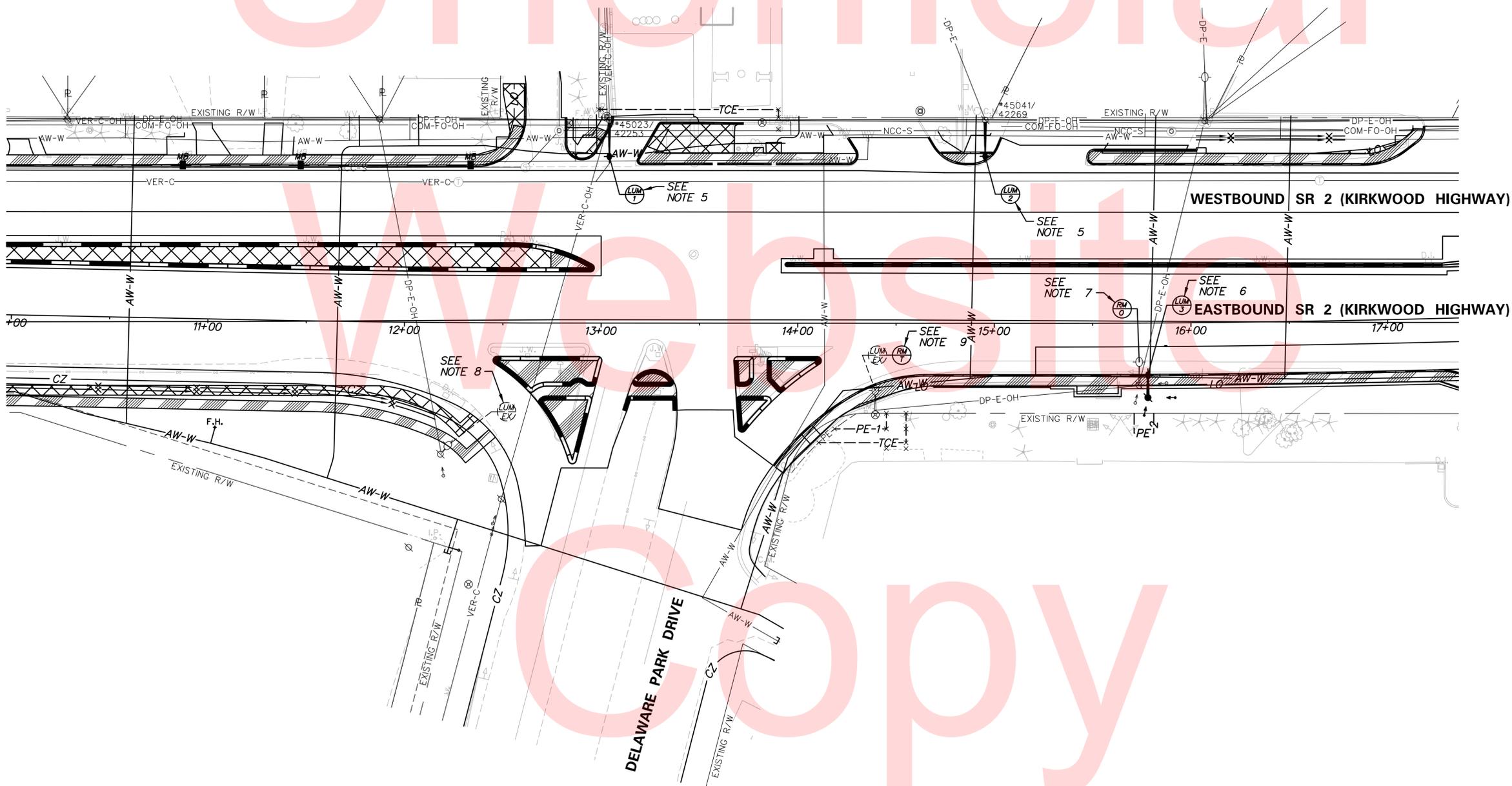
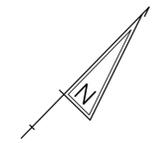


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**NOTES:**

4. ALL PROPOSED LUMINAIRES SHALL BE 250 OR 150 WATT H.P.S. WITH MEDIUM VERTICAL DISTRIBUTION, IES TYPE 3 HORIZONTAL DISTRIBUTION, COBRA-HEAD STYLE FIXTURES WITH CUT-OFF OPTICS MOUNTED WITH 0° TILT ANGLE.
5. DELMARVA POWER SHALL INSTALL A 250 WATT LUMINAIRE WITH A 15-FT BRACKET ARM (DELMARVA STOCK NO. 4102-0644) MOUNTED ON THE EXISTING UTILITY POLE, AS SHOWN.
6. DELMARVA POWER SHALL INSTALL A 150 WATT LUMINAIRE WITH A 8-FT BRACKET ARM (DELMARVA STOCK NO. 4102-4216) MOUNTED ON THE PROPOSED UTILITY POLE, AS SHOWN.
7. THE EXISTING 250 WATT HIGH PRESSURE SODIUM LUMINAIRE MOUNTED ON THE EXISTING DELMARVA POWER UTILITY POLE TO BE REMOVED BY DELMARVA POWER.
8. THE EXISTING 250 WATT HIGH PRESSURE SODIUM MONGOOSE LUMINAIRE ON DELMARVA POWER UTILITY POLE TO REMAIN.
9. THE EXISTING 250 WATT HIGH PRESSURE SODIUM LUMINAIRE MOUNTED ON THE EXISTING DELDOT SIGNAL POLE TO BE REMOVED BY DELDOT TRAFFIC.
10. THE PROPOSED LEASED LIGHTS SHALL BE ADDED TO DELDOT OUTDOOR LIGHTING ACCOUNT NO. 2761214-9996.
11. THE LUMINAIRES SHALL BE MOUNTED AT A MINIMUM MOUNTING HEIGHT OF 30 FEET AND A MAXIMUM MOUNTING HEIGHT OF 35 FEET. SEE THE PROPOSED LUMINAIRE SCHEDULE FOR THE PREFERRED MOUNTING HEIGHT OF EACH LUMINAIRE.

| PROPOSED LUMINAIRE SCHEDULE |                    |                     |           |                       |                     |               |                 |
|-----------------------------|--------------------|---------------------|-----------|-----------------------|---------------------|---------------|-----------------|
| LUM. #                      | DELMARVA STOCK NO. | DESCRIPTION         | LAMP      | PREF. MOUNTING HEIGHT | MOUNTING ARM LENGTH | VERTICAL TILT | POLE NO.        |
| 1                           | 4102-0644          | COBRA HEAD (CUTOFF) | 250 W HPS | 30 FT.                | 15 FT.              | 0 DEGREES     | 45023/<br>42253 |
| 2                           | 4102-0644          | COBRA HEAD (CUTOFF) | 250 W HPS | 30 FT.                | 15 FT.              | 0 DEGREES     | 45041/<br>42269 |
| 3                           | 4102-4216          | COBRA HEAD (CUTOFF) | 150 W HPS | 30 FT.                | 8 FT.               | 0 DEGREES     | PROPOSED POLE   |



**LEGEND**

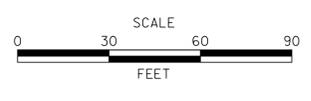
- REMOVE BY OTHERS
- RELOCATE BY OTHERS
- ABANDON
- PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
- EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
- PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
- EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
- PROPOSED CONDUIT RUN IDENTIFIER (\* OF CONDUIT RUN)
- EXISTING CONDUIT RUN IDENTIFIER (\* OF CONDUIT RUN)
- PROPOSED OVERHEAD RUN IDENTIFIER (\* OF OVERHEAD RUN)
- EXISTING OVERHEAD RUN IDENTIFIER (\* OF OVERHEAD RUN)
- PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)
- EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)
- PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)
- EXISTING CABINET IDENTIFIER (TYPE OF CABINET)
- PROPOSED LIGHTING STANDARD IDENTIFIER (\* OF LIGHTING STANDARD)
- PROPOSED SPAN WIRE
- EXISTING SPAN WIRE
- RIGHT-OF-WAY OR PROPERTY LINE
- SERVICE PEDESTAL
- PROPOSED LIGHTING STANDARD
- EXISTING LIGHTING STANDARD
- PROPOSED SIGNAL CABINET
- EXISTING SIGNAL CABINET
- PROPOSED SIGNAL POLE BASE
- EXISTING SIGNAL POLE BASE
- PROPOSED PEDESTRIAN POLE BASE
- EXISTING PEDESTRIAN POLE BASE
- PROPOSED WOOD POLE
- EXISTING UTILITY POLE
- PROPOSED JUNCTION WELL
- EXISTING JUNCTION WELL
- PROPOSED SIGNAL HEAD
- EXISTING SIGNAL HEAD

**GENERAL NOTES**

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY AND/OR THE APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS.
2. LUMINAIRE AND MOUNTING BRACKET ARM TO BE INSTALLED, OWNED, AND MAINTAINED BY UTILITY COMPANY.
3. DELMARVA POWER CONSTRUCTION ACTIVITIES PERFORMED OUTSIDE DELDOT'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH DELMARVA POWER POLICIES AND STANDARDS FOR WORKING WITHIN PRIVATE UTILITY EASEMENTS.

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| ADDENDUM / REVISIONS |  |
|----------------------|--|
|                      |  |
|                      |  |
|                      |  |



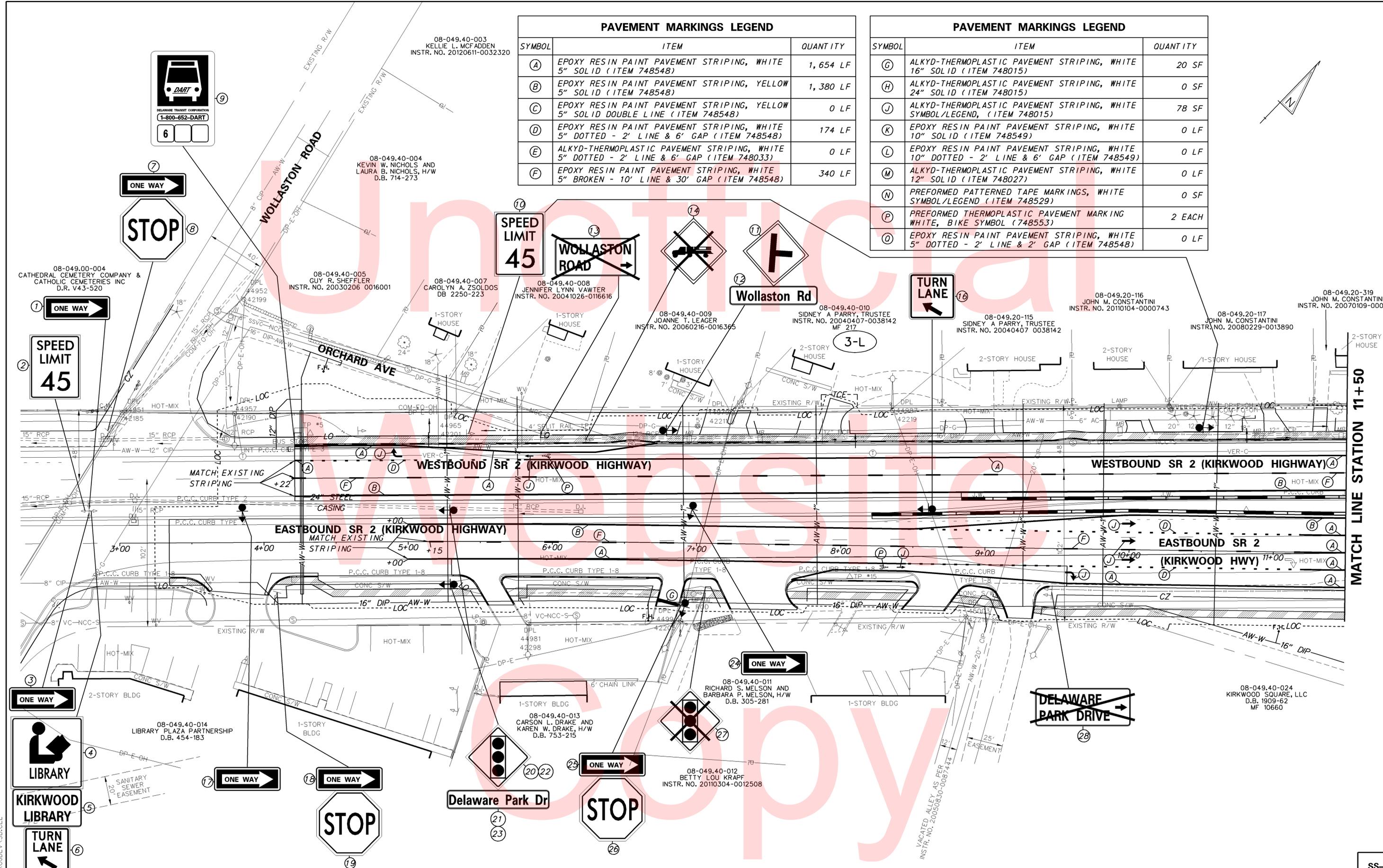
**HEP NCC, SR2,  
WOLLASTON ROAD  
TO MILLTOWN ROAD**

|            |              |              |
|------------|--------------|--------------|
| CONTRACT   | PERMIT NO.   | <b>N/A</b>   |
| T201200701 | DESIGNED BY: | B.S.S. (WRA) |
| COUNTY     | CHECKED BY:  | M.J.B. (WRA) |
| NEW CASTLE |              |              |

|                             |  |             |
|-----------------------------|--|-------------|
| <b>LEASED LIGHTING PLAN</b> |  | SHEET NO.   |
|                             |  | 50          |
|                             |  | TOTAL SHTS. |
|                             |  | 64          |

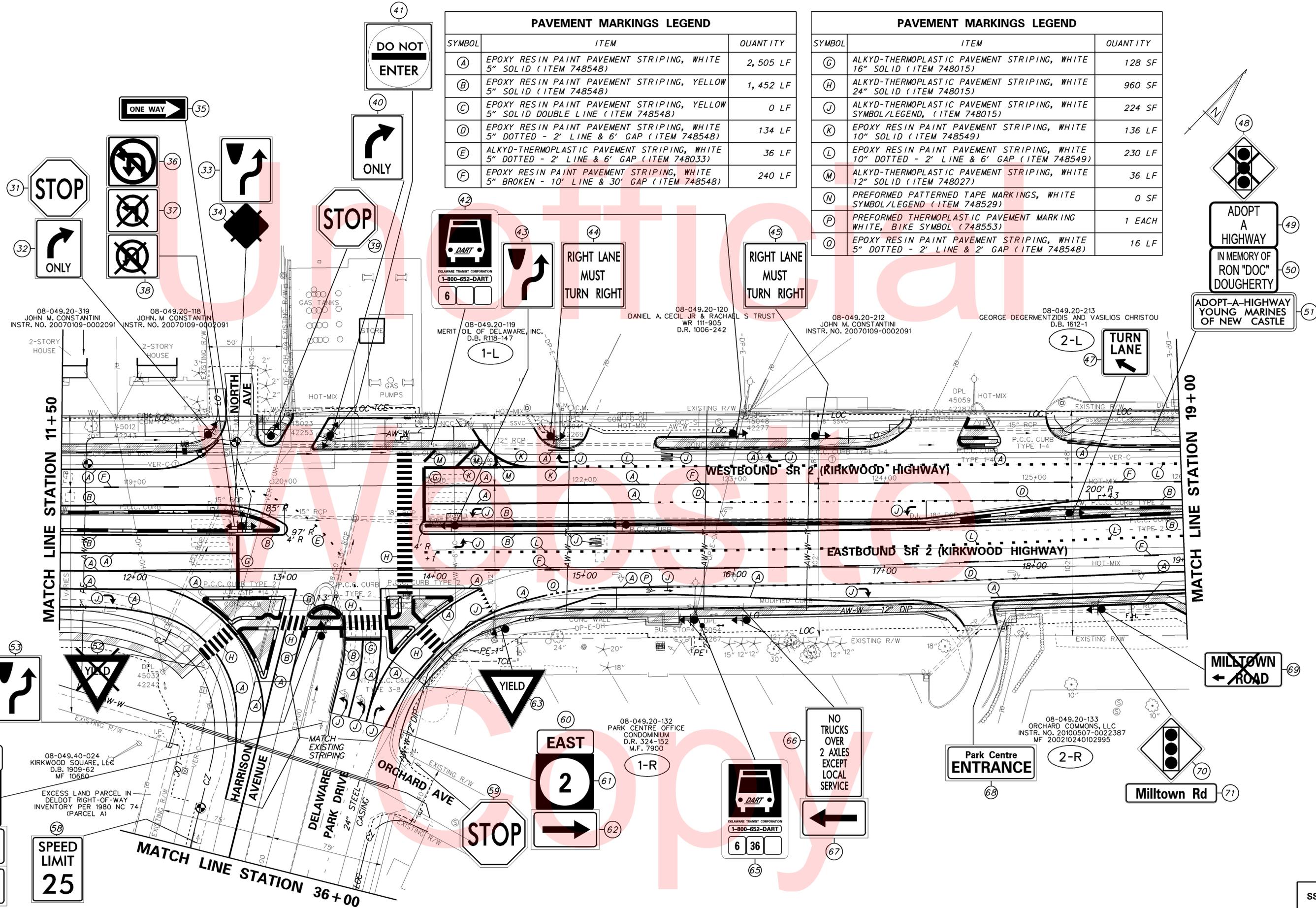
| PAVEMENT MARKINGS LEGEND |   |          |
|--------------------------|---|----------|
| SYMBOL                   | ITEM  | QUANTITY |
| (A)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)                       | 1,654 LF |
| (B)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID (ITEM 748548)                      | 1,380 LF |
| (C)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID DOUBLE LINE (ITEM 748548)          | 0 LF     |
| (D)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)   | 174 LF   |
| (E)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748033) | 0 LF     |
| (F)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" BROKEN - 10' LINE & 30' GAP (ITEM 748548) | 340 LF   |

| PAVEMENT MARKINGS LEGEND |  |          |
|--------------------------|--|----------|
| SYMBOL                   | ITEM   | QUANTITY |
| (G)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 748015)                   | 20 SF    |
| (H)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 748015)                   | 0 SF     |
| (J)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 748015)              | 78 SF    |
| (K)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" SOLID (ITEM 748549)                     | 0 LF     |
| (L)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" DOTTED - 2' LINE & 6' GAP (ITEM 748549) | 0 LF     |
| (M)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 748027)                   | 0 LF     |
| (N)                      | PERFORMED PATTERNED TAPE MARKINGS, WHITE SYMBOL/LEGEND (ITEM 748529)                   | 0 SF     |
| (P)                      | PERFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (748553)                   | 2 EACH   |
| (Q)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 2' GAP (ITEM 748548)  | 0 LF     |



| PAVEMENT MARKINGS LEGEND |   |          |
|--------------------------|---|----------|
| SYMBOL                   | ITEM  | QUANTITY |
| (A)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)                       | 2,505 LF |
| (B)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID (ITEM 748548)                      | 1,452 LF |
| (C)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID DOUBLE LINE (ITEM 748548)          | 0 LF     |
| (D)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)   | 134 LF   |
| (E)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748033) | 36 LF    |
| (F)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" BROKEN - 10' LINE & 30' GAP (ITEM 748548) | 240 LF   |

| PAVEMENT MARKINGS LEGEND |  |          |
|--------------------------|--|----------|
| SYMBOL                   | ITEM   | QUANTITY |
| (G)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 748015)                   | 128 SF   |
| (H)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 748015)                   | 960 SF   |
| (J)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 748015)              | 224 SF   |
| (K)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" SOLID (ITEM 748549)                     | 136 LF   |
| (L)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" DOTTED - 2' LINE & 6' GAP (ITEM 748549) | 230 LF   |
| (M)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 748027)                   | 36 LF    |
| (N)                      | PERFORMED PATTERNED TAPE MARKINGS, WHITE SYMBOL/LEGEND (ITEM 748529)                   | 0 SF     |
| (P)                      | PERFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (748553)                   | 1 EACH   |
| (Q)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 2' GAP (ITEM 748548)  | 16 LF    |

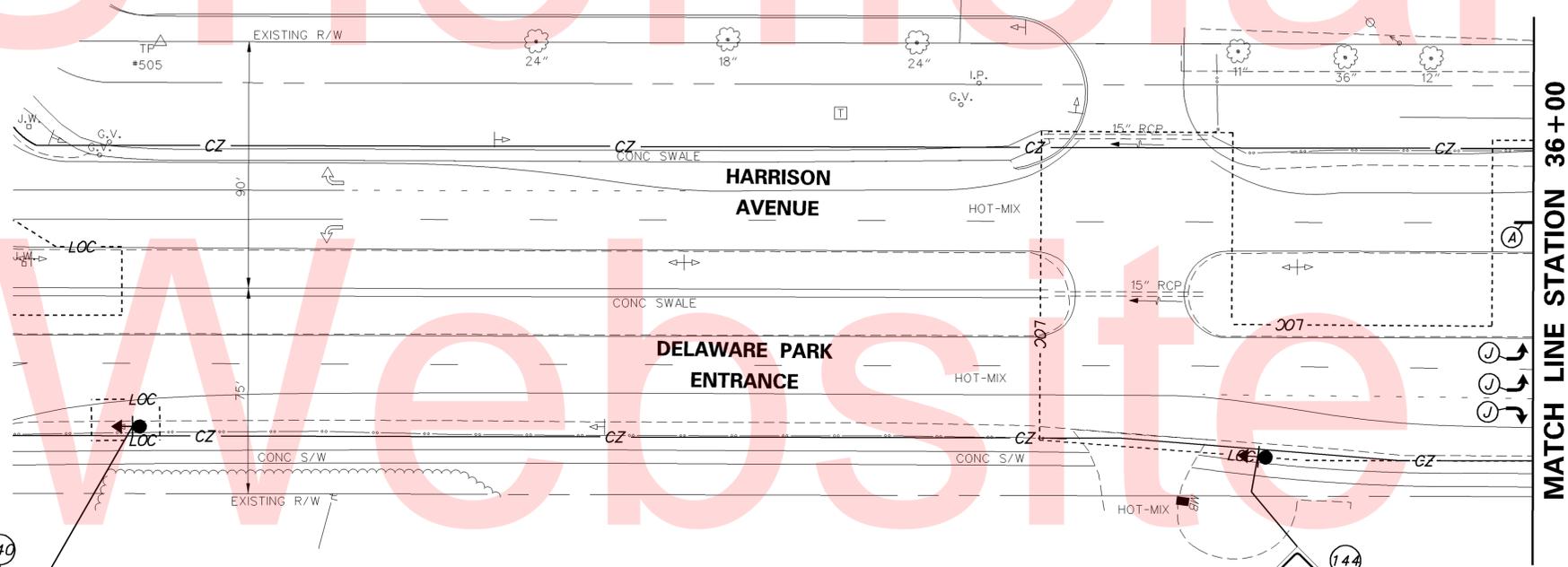




# Unofficial

08-049.40-174  
KIRKWOOD SQUARE, L.L.C.  
D.B. 2412-293

08-049.40-024  
KIRKWOOD SQUARE, LLC  
D.B. 1909-62



REPLACE EXISTING SIGN IN EXISTING LOCATION.

08-049.40-025  
STATE OF DELAWARE DIV OF HISTORICAL & CULTURAL AFFAIRS  
D.R. G49-372

08-049.20-126  
KIRKWOOD ASSETS, INC.  
INSTR. NO. 20110504-0023030



| PAVEMENT MARKINGS LEGEND |   |          |
|--------------------------|---|----------|
| SYMBOL                   | ITEM  | QUANTITY |
| (A)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)                       | 7 LF     |
| (B)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID (ITEM 748548)                      | 0 LF     |
| (C)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID DOUBLE LINE (ITEM 748548)          | 0 LF     |
| (D)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)   | 0 LF     |
| (E)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748033) | 0 LF     |
| (F)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" BROKEN - 10' LINE & 30' GAP (ITEM 748548) | 0 LF     |

| PAVEMENT MARKINGS LEGEND |  |          |
|--------------------------|--|----------|
| SYMBOL                   | ITEM   | QUANTITY |
| (G)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 748015)                   | 0 SF     |
| (H)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 748015)                   | 0 SF     |
| (J)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 748015)              | 47 SF    |
| (K)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" SOLID (ITEM 748549)                     | 0 LF     |
| (L)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" DOTTED - 2' LINE & 6' GAP (ITEM 748549) | 0 LF     |
| (M)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 748027)                   | 0 LF     |
| (N)                      | PREFORMED PATTERNED TAPE MARKINGS, WHITE SYMBOL/LEGEND (ITEM 748529)                   | 0 SF     |

ADDENDUMS / REVISIONS



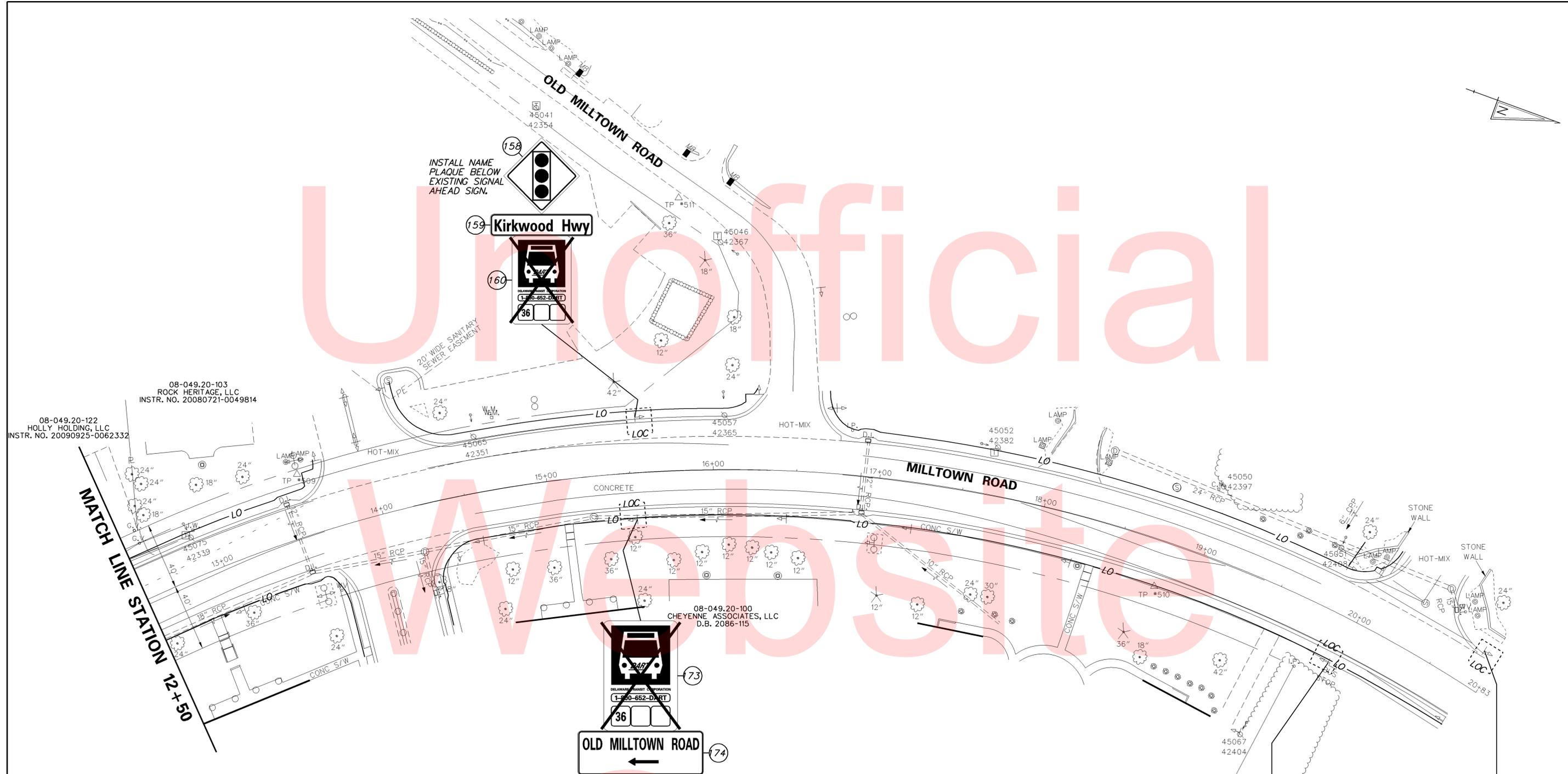
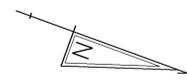
HEP NCC, SR2,  
WOLLASTON ROAD  
TO MILLTOWN ROAD

|                        |                                     |
|------------------------|-------------------------------------|
| CONTRACT<br>T201200701 | BRIDGE NO.<br>N/A                   |
| COUNTY<br>NEW CASTLE   | DESIGNED BY: SHB<br>CHECKED BY: JKL |

SIGNING, STRIPING  
AND CONDUIT PLAN

|                   |
|-------------------|
| SS-04             |
| SHEET NO.<br>54   |
| TOTAL SHTS.<br>64 |

Unofficial



| PAVEMENT MARKINGS LEGEND |   |          |
|--------------------------|---|----------|
| SYMBOL                   | ITEM  | QUANTITY |
| (A)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)                       | 0 LF     |
| (B)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID (ITEM 748548)                      | 0 LF     |
| (C)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID DOUBLE LINE (ITEM 748548)          | 0 LF     |
| (D)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)   | 0 LF     |
| (E)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748033) | 0 LF     |
| (F)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" BROKEN - 10' LINE & 30' GAP (ITEM 748548) | 0 LF     |
| (G)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 748015)                    | 0 SF     |

| PAVEMENT MARKINGS LEGEND |  |          |
|--------------------------|--|----------|
| SYMBOL                   | ITEM   | QUANTITY |
| (H)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 748015)                   | 0 SF     |
| (J)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 748015)              | 0 SF     |
| (K)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" SOLID (ITEM 748549)                     | 0 LF     |
| (L)                      | EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" DOTTED - 2' LINE & 6' GAP (ITEM 748549) | 0 LF     |
| (M)                      | ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 748027)                   | 0 LF     |
| (N)                      | PREFORMED PATTERNED TAPE MARKINGS, WHITE SYMBOL/LEGEND (ITEM 748529)                   | 0 SF     |



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T201200701 - SIGN SCHEDULE

| #                  | SHEET NO. | PLAN INDICATOR | CODE       | QTY. | DESCRIPTION   | ASSEMBLY NO. | SIGN WIDTH (IN) | SIGN HEIGHT (IN) | SIGN AREA (SF) | ITEM 749687 SINGLE POST (EACH) |           |           | ITEM 749690 MULTI POST (SF) |          |          | POST INSTALLATION TYPE | Code X11 12' Post (W/ Basepost) | ITEM 749688 4" HOLE, 0-6" (EACH) | ITEM 749689 4" HOLE, >6" (EACH) | REMARKS |
|--------------------|-----------|----------------|------------|------|---|--------------|-----------------|------------------|----------------|--------------------------------|-----------|-----------|-----------------------------|----------|----------|------------------------|---------------------------------|----------------------------------|---------------------------------|---------|
|                    |           |                |            |      |   |              |                 |                  |                | SIGN DISPOSITION               | REMOVE    | INSTALL   | SIGN DISPOSITION            | REMOVE   | INSTALL  |                        |                                 |                                  |                                 |         |
| 51                 | 1         |                |            | 1    |   |              |                 |                  |                | REMAIN                         |           |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 51                 | 2         |                |            | 1    | SPEED LIMIT (45 MPH - 30x36)                                  |              |                 |                  |                | REMAIN                         |           |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 51                 | 3         |                |            | 1    | ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18                     |              |                 |                  |                | REMAIN                         |           |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 51                 | 4         |                |            | 1    | LIBRARY (Symbol) - 30x30                                      |              |                 |                  |                | REMAIN                         |           |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 51                 | 5         |                |            | 1    | KIRKWOOD LIBRARY  |              |                 |                  |                | REMAIN                         |           |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 51                 | 6         |                |            | 1    | TURN LANE   |              |                 |                  |                | REMAIN                         |           |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 51                 | 7         |                |            | 1    | ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18                     |              |                 |                  |                | REMAIN                         |           |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 51                 | 8         |                |            | 1    | STOP  |              |                 |                  |                | REMAIN                         |           |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 51                 | 9         |                |            | 1    | BUS STOP (DART)   |              |                 |                  |                | REMAIN                         |           |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 51                 | 10        |                |            | 1    | SPEED LIMIT (45 MPH - 30x36)                                  |              |                 |                  |                | REPOSITION                     | 1         | 1         |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 822                | 51        | 11             | W2-2_R(30) | 1    | SIDE ROAD (Perpendicular - Right) - 30x30                     |              | 30"             | 30"              | 6.25           | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               |                                  |                                 |         |
| 1367               | 51        | 12             | W16-8P     | 1    | ADVANCE STREET NAME (1 - line plaque)                         |              | 42"             | 9"               | 2.625          | NEW                            |           | 1         |                             |          |          |                        |                                 | Wollaston Rd                     |                                 |         |
| 51                 | 13        |                |            | 1    | ADVANCE STREET NAME (2 - line plaque)                         |              |                 |                  |                | REMOVE                         | 1         |           |                             |          | 0        | 0                      | 0                               | WOLLASTON ROAD                   |                                 |         |
| 51                 | 14        |                |            | 1    | EMERGENCY VEHICLE (Symbol) - 30x30                            |              |                 |                  |                | REMOVE                         | 1         | 0         |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 252                | 51        | 16             | R3-20-DE   | 1    | TURN LANE   |              | 18"             | 18"              | 2.25           | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               |                                  |                                 |         |
| 393                | 51        | 17             | R6-1_R(54) | 1    | ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18                     |              | 54"             | 18"              | 6.75           | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               |                                  |                                 |         |
| 393                | 51        | 18             | R6-1_R(54) | 1    | ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18                     |              | 54"             | 18"              | 6.75           | ADD TO EXIST.                  |           | 1         |                             |          |          |                        |                                 |                                  |                                 |         |
| 51                 | 19        |                |            | 1    | STOP  |              |                 |                  |                | REPOSITION                     | 1         | 1         |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 877                | 51        | 20             | W3-3(30)   | 1    | SIGNAL AHEAD (Symbol) - 30x30                                 |              | 30"             | 30"              | 6.25           | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               |                                  |                                 |         |
| 1367               | 51        | 21             | W16-8P     | 1    | ADVANCE STREET NAME (1 - line plaque)                         |              | 54"             | 9"               | 3.375          | NEW                            |           | 1         |                             |          |          |                        |                                 | Delaware Park Drive              |                                 |         |
| 877                | 51        | 22             | W3-3(30)   | 1    | SIGNAL AHEAD (Symbol) - 30x30                                 |              | 30"             | 30"              | 6.25           | NEW                            |           | 1         |                             |          |          |                        |                                 |                                  |                                 |         |
| 1367               | 51        | 23             | W16-8P     | 1    | ADVANCE STREET NAME (1 - line plaque)                         |              | 54"             | 9"               | 3.375          | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               | Delaware Park Drive              |                                 |         |
| 393                | 51        | 24             | R6-1_R(54) | 1    | ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18                     |              | 54"             | 18"              | 6.75           | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               |                                  |                                 |         |
| 393                | 51        | 25             | R6-1_R(54) | 1    | ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18                     |              | 54"             | 18"              | 6.75           | ADD TO EXIST.                  |           | 1         |                             |          |          |                        |                                 |                                  |                                 |         |
| 51                 | 26        |                |            | 1    | STOP  |              |                 |                  |                | REPOSITION                     | 1         | 1         |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 51                 | 27        |                |            | 1    | SIGNAL AHEAD (Symbol) - 30x30                                 |              |                 |                  |                | REMOVE                         | 1         |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 51                 | 28        |                |            | 1    | ADVANCE STREET NAME (2 - line plaque)                         |              |                 |                  |                | REMOVE                         | 1         |           |                             |          | 0        | 0                      | 0                               | DELAWARE PARK DRIVE              |                                 |         |
| 4                  | 52        | 31             | R1-1(36)   | 1    | STOP  |              | 36"             | 36"              | 9              | NEW                            |           | 1         |                             |          |          |                        |                                 |                                  |                                 |         |
| 124                | 52        | 32             | R3-5_R     | 1    | MANDATORY MOVEMENT LANE CONTROL (Right)                       |              | 30"             | 36"              | 7.5            | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               |                                  |                                 |         |
| 52                 | 33        |                |            | 1    | KEEP RIGHT (Symbol) - 24x30                                   |              |                 |                  |                | REPOSITION                     | 1         | 1         |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 52                 | 34        |                |            | 1    | TYPE 1 OBJECT MARKER  |              |                 |                  |                | REMOVE                         | 1         |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 393                | 52        | 35             | R6-1_R(54) | 1    | ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18                     |              | 54"             | 18"              | 6.75           | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               |                                  |                                 |         |
| 248                | 52        | 36             | R3-18(36)  | 1    | COMBINATION U-TURN AND LEFT TURN PROHIBITION (Symbol) - 36x36 |              | 36"             | 36"              | 9              | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               |                                  |                                 |         |
| 52                 | 37        |                |            | 1    | LEFT TURN PROHIBITION   |              |                 |                  |                | REMOVE                         | 1         |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 52                 | 38        |                |            | 1    | U-TURN PROHIBITION  |              |                 |                  |                | REMOVE                         | 1         |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 4                  | 52        | 39             | R1-1(36)   | 1    | STOP  |              | 36"             | 36"              | 9              | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               |                                  |                                 |         |
| 124                | 52        | 40             | R3-5_R     | 1    | MANDATORY MOVEMENT LANE CONTROL (Right)                       |              | 30"             | 36"              | 7.5            | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               |                                  |                                 |         |
| 359                | 52        | 41             | R5-1(36)   | 1    | DO NOT ENTER - 36x36  |              | 36"             | 36"              | 9              | NEW                            |           | 1         |                             |          |          |                        |                                 |                                  |                                 |         |
| 52                 | 42        |                |            | 1    | BUS STOP (DART)   |              |                 |                  |                | REPOSITION                     | 1         | 1         |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| 311                | 52        | 43             | R4-7(24)   | 1    | KEEP RIGHT (Symbol) - 24x30                                   |              | 24"             | 30"              | 5              | NEW                            |           | 1         |                             | CONCRETE | 1        | 1                      | 0                               |                                  |                                 |         |
| 135                | 52        | 44             | R3-7_R(36) | 1    | RIGHT LANE MUST TURN RIGHT - 36"x36"                          |              | 36"             | 36"              | 9              | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               |                                  |                                 |         |
| 135                | 52        | 45             | R3-7_R(36) | 1    | RIGHT LANE MUST TURN RIGHT - 36"x36"                          |              | 36"             | 36"              | 9              | NEW                            |           | 1         |                             | SOIL     | 1        | 0                      | 0                               |                                  |                                 |         |
| 252                | 52        | 47             | R3-20-DE   | 1    | TURN LANE   |              | 18"             | 18"              | 2.25           | NEW                            |           | 1         |                             | CONCRETE | 1        | 1                      | 0                               |                                  |                                 |         |
| 52                 | 48        |                |            | 1    | SIGNAL AHEAD (Symbol) - 30x30                                 |              |                 |                  |                | REMOVE                         | 1         |           |                             |          | 0        | 0                      | 0                               |                                  |                                 |         |
| <b>PAGE TOTALS</b> |           |                |            |      |   |              |                 |                  | <b>140.375</b> |                                | <b>13</b> | <b>27</b> |                             |          | <b>0</b> | <b>0</b>               | <b>15</b>                       | <b>2</b>                         | <b>0</b>                        |         |

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T201200701 - SIGN SCHEDULE

| NO.                | SHEET NO. | PLAN INDICATOR | CODE       | QTY. | DISCRIPTION   | ASSEMBLY NO. | SIGN WIDTH (IN) | SIGN HEIGHT (IN) | SIGN AREA (SF) | ITEM 749687 SINGLE POST (EACH) |        |         | ITEM 749690 MULTI POST (SF) |          |         | POST INSTALLATION TYPE | Code X11 12' Post (W/ Basepost) | ITEM 749688 4" HOLE, 0-6" (EACH) | ITEM 749689 4" HOLE, >6" (EACH) | REMARKS  |  |
|--------------------|-----------|----------------|------------|------|---|--------------|-----------------|------------------|----------------|--------------------------------|--------|---------|-----------------------------|----------|---------|------------------------|---------------------------------|----------------------------------|---------------------------------|----------|--|
|                    |           |                |            |      |   |              |                 |                  |                | SIGN DISPOSITION               | REMOVE | INSTALL | SIGN DISPOSITION            | REMOVE   | INSTALL |                        |                                 |                                  |                                 |          |  |
| 52                 | 49        |                |            | 1    | ADOPT A HIGHWAY   |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 50        |                |            | 1    | ACKNOWLEDGEMENT - RON "DOC" DOUGHERTY                         |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 51        |                |            | 1    | ADOPT A HIGHWAY - YOUNG MARINES OF NEW CASTLE                 |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 52        |                |            | 1    | YIELD   |              |                 |                  |                | REMOVE                         | 1      |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 53        |                |            | 1    | KEEP RIGHT (Symbol) - 24x30                                   |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             | SOIL     |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 54        |                |            | 1    | CARDINAL DIRECTION - WEST - 24x12                             |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 55        |                |            | 1    | STATE ROUTE (2 - Digit Sign) - 24x24                          |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 56        |                |            | 1    | DIRECTIONAL ARROW (Left) - 21x15                              |              |                 |                  |                | REMOVE                         | 1      |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 1588               | 52        |                | M5-1_R     | 1    | ADVANCE TURN ARROW (Left - 90)                                |              | 21"             | 15"              | 2.2            | ADD TO EXIST.                  |        | 1       |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 58        |                |            | 1    | SPEED LIMIT (25 MPH - 30x36)                                  |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 59        |                |            | 1    | STOP  |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 60        |                |            | 1    | CARDINAL DIRECTION - EAST - 24x12                             |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 61        |                |            | 1    | STATE ROUTE (2 - Digit Sign) - 24x24                          |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 62        |                |            | 1    | DIRECTIONAL ARROW (Right) - 21x15                             |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 9                  | 52        |                | R1-2(48)   | 1    | YIELD   |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 65        |                |            | 1    | BUS STOP (DART)   |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             | SOIL     |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 66        |                |            | 1    | NO TRUCKS OVER 2 AXLES EXCEPT LOCAL SERVICES                  |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             | SOIL     |         | 0                      | 0                               | 0                                |                                 |          |  |
| 52                 | 67        |                |            | 1    | DIRECTIONAL ARROW (Left) - 21x15                              |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             | SOIL     |         | 0                      | 0                               | 0                                |                                 |          |  |
| 1687               | 52        |                |            | 1    | DEVELOPMENT NAME  |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                | Park Centre ENTRANCE            |          |  |
| 52                 | 69        |                |            | 1    | ADVANCE STREET NAME (2 Line)                                  |              |                 |                  |                | REMOVE                         | 1      |         |                             |          |         | 0                      | 0                               | 0                                | MILLTOWN ROAD                   |          |  |
| 877                | 52        |                | W3-3(30)   | 1    | SIGNAL AHEAD (Symbol) - 30x30                                 |              | 30"             | 30"              | 6.25           | NEW                            |        | 1       |                             | SOIL     | 1       | 0                      | 0                               |                                  |                                 |          |  |
| 1367               | 52        |                | W16-8P     | 1    | ADVANCE STREET NAME (1 - line plaque)                         |              | 36"             | 9"               | 2.25           | NEW                            |        | 1       |                             |          |         |                        |                                 | Milltown Rd                      |                                 |          |  |
| 1511               | 53        |                | M3-2(24)   | 1    | CARDINAL DIRECTION - EAST - 24x12                             |              | 24"             | 12"              | 2              | NEW                            |        | 1       |                             |          |         |                        |                                 |                                  |                                 |          |  |
| 1488               | 53        |                | M1-5(24)   | 1    | STATE ROUTE (2 - Digit Sign) - 24x24                          |              | 24"             | 24"              | 4              | NEW                            |        | 1       |                             | SOIL     | 1       | 0                      | 0                               |                                  |                                 |          |  |
| 1589               | 53        |                | M5-1_L     | 1    | ADVANCE TURN ARROW (Left - 90)                                |              | 21"             | 15"              | 2.2            | NEW                            |        | 1       |                             |          |         |                        |                                 |                                  |                                 |          |  |
| 1517               | 53        |                | M3-4(24)   | 1    | CARDINAL DIRECTION - WEST - 24x12                             |              | 24"             | 12"              | 2              | NEW                            |        | 1       |                             |          |         |                        |                                 |                                  |                                 |          |  |
| 1488               | 53        |                | M1-5(24)   | 1    | STATE ROUTE (2 - Digit Sign) - 24x24                          |              | 24"             | 24"              | 4              | NEW                            |        | 1       |                             | SOIL     | 1       | 0                      | 0                               |                                  |                                 |          |  |
| 1604               | 53        |                | M6-1_R(21) | 1    | DIRECTIONAL ARROW (Right) - 21x15                             |              | 21"             | 15"              | 2.2            | NEW                            |        | 1       |                             |          |         |                        |                                 |                                  |                                 |          |  |
| 53                 | 78        |                |            | 1    | ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18                     |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 53                 | 79        |                |            | 1    | STOP  |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 53                 | 80        |                |            | 1    | LEFT TURN PROHIBITION   |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 247                | 53        |                | R3-18(24)  | 1    | COMBINATION U-TURN AND LEFT TURN PROHIBITION (Symbol) - 24x24 |              | 24"             | 24"              | 4              | ADD TO EXIST.                  |        | 1       |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 53                 | 82        |                |            | 1    | LEFT TURN PROHIBITION   |              |                 |                  |                | REMOVE                         | 1      |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 53                 | 83        |                |            | 1    | U-TURN PROHIBITION  |              |                 |                  |                | REMOVE                         | 1      |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 53                 | 84        |                |            | 1    | KEEP RIGHT (Symbol) - 24x30                                   |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 53                 | 85        |                |            | 1    | TYPE 1 OBJECT MARKER  |              |                 |                  |                | REMOVE                         | 1      |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 135                | 53        |                | R3-7_R(36) | 1    | RIGHT LANE MUST TURN RIGHT - 36"x36"                          |              | 36"             | 36"              | 9              | NEW                            |        | 1       |                             | SOIL     | 1       | 0                      | 0                               |                                  |                                 |          |  |
| 53                 | 87        |                |            | 1    | YIELD   |              |                 |                  |                | REMOVE                         | 1      |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 393                | 53        |                | R6-1_R(54) | 1    | ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18                     |              | 54"             | 18"              | 6.75           | NEW                            |        | 1       |                             | CONCRETE | 1       | 1                      | 0                               |                                  |                                 |          |  |
| 53                 | 90        |                |            | 1    | WATCH CHILDREN (Symbol)                                       |              |                 |                  |                | REMOVE                         | 1      |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 53                 | 91        |                |            | 1    | LEFT TURN PROHIBITION   |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 53                 | 92        |                |            | 1    | LEFT TURN PROHIBITION   |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 53                 | 93        |                |            | 1    | NO TRUCKS OVER 2 AXLES EXCEPT LOCAL SERVICES                  |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 53                 | 94        |                |            | 1    | ADOPT A HIGHWAY   |              |                 |                  |                | REMAIN                         |        |         |                             |          |         | 0                      | 0                               | 0                                |                                 |          |  |
| 53                 | 95        |                |            | 1    | ADVANCE STREET NAME (1 Line)                                  |              |                 |                  |                | REMOVE                         | 1      |         |                             |          |         | 0                      | 0                               | 0                                | MILLTOWN RD                     |          |  |
| <b>PAGE TOTALS</b> |           |                |            |      |   |              |                 |                  | <b>46.85</b>   |                                |        |         |                             |          |         |                        |                                 | <b>5</b>                         | <b>1</b>                        | <b>0</b> |  |

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**NOT TO SCALE**

**HEP NCC, SR2,  
WOLLASTON ROAD  
TO MILLTOWN ROAD**

|                        |                   |
|------------------------|-------------------|
| CONTRACT<br>T201200701 | BRIDGE NO.<br>N/A |
| COUNTY<br>NEW CASTLE   | DESIGNED BY: SHB  |
|                        | CHECKED BY: JKL   |

**SIGNING, STRIPING  
AND CONDUIT PLAN**

|                   |
|-------------------|
| <b>SS-07</b>      |
| SHEET NO.<br>57   |
| TOTAL SHTS.<br>64 |

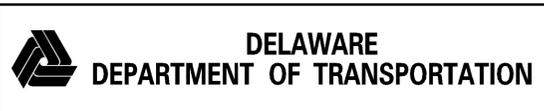
# Unofficial

**T201200701 - SIGN SCHEDULE**

| NO.                | SHEET NO. | PLAN INDICATOR | CODE        | QTY. | DISCRIPTION   | ASSEMBLY NO. | SIGN WIDTH (IN) | SIGN HEIGHT (IN) | SIGN AREA (SF) | ITEM 749687 SINGLE POST (EACH) |        |         | ITEM 749690 MULTI POST (SF) |        |         | POST INSTALLATION TYPE | Code X11 12' Post (W/ Basepost) | ITEM 749688 4" HOLE, 0-6" (EACH) | ITEM 749689 4" HOLE, >6" (EACH) | REMARKS |
|--------------------|-----------|----------------|-------------|------|---|--------------|-----------------|------------------|----------------|--------------------------------|--------|---------|-----------------------------|--------|---------|------------------------|---------------------------------|----------------------------------|---------------------------------|---------|
|                    |           |                |             |      |   |              |                 |                  |                | SIGN DISPOSTION                | REMOVE | INSTALL | SIGN DISPOSTION             | REMOVE | INSTALL |                        |                                 |                                  |                                 |         |
| 53                 | 96        |                |             | 1    | NO TRUCKS OVER 2 AXLES EXCEPT LOCAL SERVICES        |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 97        |                |             | 1    | DIRECTIONAL ARROW (Right) - 21x15                   |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 98        |                |             | 1    | BUS STOP (DART)                                     |              |                 |                  |                | REMAIN                         |        |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 877                | 53        | 99             | W3-3(30)    | 1    | SIGNAL AHEAD (Symbol) - 30x30                       |              | 30"             | 30"              | 6.25           | NEW                            |        | 1       |                             |        |         | 1                      | 0                               | 0                                |                                 |         |
| 1367               | 53        | 100            | W16-8P      | 1    | ADVANCE STREET NAME (1 - line plaque)               |              | 54"             | 9"               | 3.375          | NEW                            |        | 1       |                             |        |         |                        |                                 |                                  | Delaware Park Dr                |         |
| 393                | 53        | 101            | R6-1_R(54)  | 1    | ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18           |              | 54"             | 18"              | 6.75           | ADD TO EXIST.                  |        | 1       |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 102       |                |             | 1    | STOP  |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 103       |                |             | 1    | RIGHT TURN ONLY                                     |              |                 |                  |                | REMOVE                         | 1      |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 104       |                |             | 1    | KEEP RIGHT (Symbol) - 24x30                         |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             |        |         | 0                      | 1                               | 0                                |                                 |         |
| 53                 | 105       |                |             | 1    | TYPE 1 OBJECT MARKER                                |              |                 |                  |                | REMOVE                         | 1      |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 106       |                |             | 1    | KEEP RIGHT (Symbol) - 24x30                         |              |                 |                  |                | REMAIN                         |        |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 107       |                |             | 1    | TYPE 1 OBJECT MARKER                                |              |                 |                  |                | REMOVE                         | 1      |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 108       |                |             | 1    | U-TURN PROHIBITION                                  |              |                 |                  |                | REMAIN                         |        |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 311                | 53        | 109            | R4-7(24)    | 1    | KEEP RIGHT (Symbol) - 24x30                         |              | 24"             | 30"              | 5              | NEW                            |        | 1       |                             |        |         | 1                      | 1                               | 0                                |                                 |         |
| 53                 | 110       |                |             | 1    | STREET NAME (1 Line)                                |              |                 |                  |                | REMOVE                         | 1      |         |                             |        |         | 0                      | 0                               | 0                                | MILLTOWN RD                     |         |
| 53                 | 111       |                |             | 1    | STREET NAME (1 Line)                                |              |                 |                  |                | REMOVE                         | 1      |         |                             |        |         | 0                      | 0                               | 0                                | KIRKWOOD HWY                    |         |
| 53                 | 112       |                |             | 1    | YIELD   |              |                 |                  |                | REMOVE                         | 1      |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 113       |                |             | 1    | NO MERGE AREA (plaque) - 24x30                      |              |                 |                  |                | REMOVE                         | 1      |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 573                | 53        | 114            | R10-11(36)  | 1    | NO TURN ON RED (Bell) - 36x48                       |              | 36"             | 48"              | 12             | NEW                            |        | 1       |                             |        |         | 1                      | 0                               | 0                                |                                 |         |
| 1686               | 53        | 116            |             | 1    | DEVELOPMENT NAME                                    |              |                 |                  |                | REMAIN                         |        |         |                             |        |         | 0                      | 0                               | 0                                | PINECREST (Right Arrow)         |         |
| 53                 | 117       |                |             | 1    | ADOPT A HIGHWAY                                     |              |                 |                  |                | REMAIN                         |        |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 118       |                |             | 1    | ACKNOWLEDGEMENT - DELAWARE OPEN CARRY               |              |                 |                  |                | REMAIN                         |        |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 121                | 53        | 119            | R3-4(36)    | 1    | U - TURN PROHIBITION (Symbol) - 36x36               |              | 36"             | 36"              | 9              | NEW                            |        | 1       |                             |        |         | 1                      | 1                               | 0                                |                                 |         |
| 53                 | 120       |                |             | 1    | WATCH CHILDREN (Symbol)                             |              |                 |                  |                | REMAIN                         |        |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 121       |                |             | 1    | SPEED LIMIT (25 MPH - 24x30)                        |              |                 |                  |                | REMAIN                         |        |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 122       |                |             | 1    | NO OUTLET - 30x30                                   |              |                 |                  |                | REMAIN                         |        |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 123       |                |             | 1    | KEEP RIGHT (Symbol) - 24x30                         |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             |        |         | 1                      | 1                               | 0                                |                                 |         |
| 252                | 53        | 124            | R3-20-DE    | 1    | TURN LANE   |              | 18"             | 18"              | 2.25           | NEW                            |        | 1       |                             |        |         | 1                      | 1                               | 0                                |                                 |         |
| 53                 | 125       |                |             | 1    | STOP  |              |                 |                  |                | REMAIN                         |        |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 53                 | 126       |                |             | 1    | DIVIDED HIGHWAY CROSSING (T - Intersection) - 30x24 |              |                 |                  |                | REMAIN                         |        |         |                             |        |         | 0                      | 0                               | 0                                |                                 |         |
| 42.5               | 54        | 140            | R2-1-25(30) | 1    | SPEED LIMIT (25 MPH - 30x36)                        |              | 30"             | 36"              | 7.5            | RENEW                          | 1      | 1       |                             |        |         | 1                      | 0                               | 0                                |                                 |         |
| <b>PAGE TOTALS</b> |           |                |             |      |   |              |                 |                  | <b>52.125</b>  |                                |        |         |                             |        |         | <b>7</b>               | <b>5</b>                        | <b>0</b>                         |                                 |         |

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**NOT TO SCALE**

**HEP NCC, SR2,  
WOLLASTON ROAD  
TO MILLTOWN ROAD**

|                        |                   |
|------------------------|-------------------|
| CONTRACT<br>T201200701 | BRIDGE NO.<br>N/A |
| COUNTY<br>NEW CASTLE   | DESIGNED BY: SHB  |
|                        | CHECKED BY: JKL   |

**SIGNING, STRIPING  
AND CONDUIT PLAN**

|                   |
|-------------------|
| <b>SS-08</b>      |
| SHEET NO.<br>58   |
| TOTAL SHTS.<br>64 |

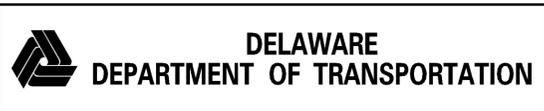
# Unofficial

**T201200701 - SIGN SCHEDULE**

| NO.                | SHEET NO. | PLAN INDICATOR | CODE     | QTY. | DISCRPTION  | ASSEMBLY NO. | SIGN WIDTH (IN) | SIGN HEIGHT (IN) | SIGN AREA (SF) | ITEM 749687 SINGLE POST (EACH) |        |         | ITEM 749690 MULTI POST (SF) |                    |         | POST INSTALLATION TYPE | Code X11 12' Post (W/ Basepost) | ITEM 749688 4" HOLE, 0-6" (EACH) | ITEM 749689 4" HOLE, >6" (EACH)                                    | REMARKS |
|--------------------|-----------|----------------|----------|------|---|--------------|-----------------|------------------|----------------|--------------------------------|--------|---------|-----------------------------|--------------------|---------|------------------------|---------------------------------|----------------------------------|--|---------|
|                    |           |                |          |      |   |              |                 |                  |                | SIGN DISPOSTION                | REMOVE | INSTALL | SIGN DISPOSTION             | REMOVE             | INSTALL |                        |                                 |                                  |  |         |
| 877                | 54        | 144            | W3-3(30) | 1    | SIGNAL AHEAD (Symbol) - 30x30                                 |              | 30"             | 30"              | 6.25           | NEW                            |        | 1       |                             |                    | SOIL    | 1                      | 0                               | 0                                |  |         |
| 1367               | 54        | 145            | W16-8P   | 1    | ADVANCE STREET NAME (1 - line plaque)                         |              | 42              | 9                | 2.625          | NEW                            |        | 1       |                             |                    |         |                        |                                 |                                  | Kirkwood Hwy   |         |
| 877                | 53        | 146            | W3-3(30) | 1    | SIGNAL AHEAD (Symbol) - 30x30                                 |              | 30"             | 30"              | 6.25           | NEW                            |        | 1       |                             |                    |         |                        |                                 |                                  |  |         |
| 1367               | 53        | 147            | W16-8P   | 1    | ADVANCE STREET NAME (1 - line plaque)                         |              | 36              | 9                | 2.25           | NEW                            |        | 1       |                             |                    | SOIL    | 1                      | 0                               | 0                                | Milltown Rd  |         |
| 877                | 53        | 148            | W3-3(30) | 1    | SIGNAL AHEAD (Symbol) - 30x30                                 |              | 30"             | 30"              | 6.25           | NEW                            |        | 1       |                             |                    |         |                        |                                 |                                  |  |         |
| 1367               | 53        | 149            | W16-8P   | 1    | ADVANCE STREET NAME (1 - line plaque)                         |              | 36              | 9                | 2.25           | NEW                            |        | 1       |                             |                    | SOIL    | 1                      | 0                               | 0                                | Milltown Rd  |         |
| 877                | 55        | 158            |          | 1    | SIGNAL AHEAD (Symbol) - 30x30                                 |              |                 |                  |                | REMAIN                         |        |         |                             |                    |         | 0                      | 0                               | 0                                |  |         |
| 1367               | 55        | 159            | W16-8P   | 1    | ADVANCE STREET NAME (1 - line plaque)                         |              | 42              | 9                | 2.625          | ADD TO EXIST.                  |        | 1       |                             |                    |         | 0                      | 0                               | 0                                | Kirkwood Hwy   |         |
|                    | 55        | 160            |          | 1    | BUS STOP (DART)   |              |                 |                  |                | REMOVE                         | 1      |         |                             |                    |         | 0                      | 0                               | 0                                |  |         |
|                    | 55        | 173            |          | 1    | BUS STOP (DART)   |              |                 |                  |                | REMOVE                         | 1      |         |                             |                    |         | 0                      | 0                               | 0                                |  |         |
| 1686               | 55        | 174            | D3-2-DE2 | 1    | DEVELOPMENT NAME  |              |                 |                  |                | REPOSITION                     | 1      | 1       |                             |                    |         | 0                      | 0                               | 0                                | OLD MILLTOWN ROAD  |         |
|                    | 55        | 181            |          | 1    | BUS STOP (DART)   |              |                 |                  |                | REMOVE                         | 1      |         |                             |                    |         | 0                      | 0                               | 0                                |  |         |
|                    | 55        | 183            |          | 1    | BUS STOP (DART)   |              |                 |                  |                | REMOVE                         | 1      |         |                             |                    |         | 0                      | 0                               | 0                                |  |         |
|                    | 60        | S-1            | D3-1     | 1    | STREET NAME (1 Line)  |              | 120             | 18               | 15             | NEW                            |        |         |                             | INSTALL BY TRAFFIC | 0       | 0                      | 0                               |                                  | Delaware Park Dr (Arrow) / (Arrow) Delaware Park Dr [Back-to-Back] |         |
|                    | 60        | S-2            | D3-1     | 1    | STREET NAME (1 Line)  |              | 120             | 18               | 15             | NEW                            |        |         |                             | INSTALL BY TRAFFIC | 0       | 0                      | 0                               |                                  | Delaware Park Dr (Arrow) / (Arrow) Delaware Park Dr [Back-to-Back] |         |
|                    | 60        | S-3            | R3-18    | 1    | COMBINATION U-TURN AND LEFT TURN PROHIBITION (Symbol) - 36x36 |              | 36              | 36               | 9              | NEW                            |        |         |                             | INSTALL BY TRAFFIC | 0       | 0                      | 0                               |                                  |  |         |
|                    | 60        | S-4            | D3-1a    | 1    | STREET NAME + ROUTE SHIELD (1 Line)                           |              | 96              | 18               | 12             | NEW                            |        |         |                             | INSTALL BY TRAFFIC | 0       | 0                      | 0                               |                                  | Kirkwood Hwy & State Route 2 Shield                                |         |
|                    | 60        | S-5            | D15-1    | 1    | COMBINATION LANE USE/DESTINATION                              |              | 60              | 72               | 30             | NEW                            |        |         |                             | INSTALL BY TRAFFIC | 0       | 0                      | 0                               |                                  | Milltown Road & ONLY Ahead   |         |
|                    | 60        | S-6            | D15-1    | 1    | COMBINATION LANE USE/DESTINATION                              |              | 54              | 78               | 29.25          | NEW                            |        |         |                             | INSTALL BY TRAFFIC | 0       | 0                      | 0                               |                                  | EAST State Route 2 & ONLY Ahead                                    |         |
|                    | 60        | S-7            | D15-1    | 1    | COMBINATION LANE USE/DESTINATION                              |              | 54              | 78               | 29.25          | NEW                            |        |         |                             | INSTALL BY TRAFFIC | 0       | 0                      | 0                               |                                  | EAST State Route 2 & ONLY Ahead                                    |         |
|                    | 60        | S-8            | D15-1    | 1    | COMBINATION LANE USE/DESTINATION                              |              | 60              | 72               | 30             | NEW                            |        |         |                             | INSTALL BY TRAFFIC | 0       | 0                      | 0                               |                                  | Delaware Park Dr & ONLY Right                                      |         |
| 606                | 61        | S-9            | R10-26   | 1    | BIKE PUSH BUTTON FOR GREEN LIGHT (arrow)                      |              | 9"              | 15"              | 0.94           | NEW                            |        |         |                             | INSTALL BY TRAFFIC | 0       | 0                      | 0                               |                                  |  |         |
| <b>PAGE TOTALS</b> |           |                |          |      |   |              |                 |                  | <b>198.94</b>  |                                | 5      | 8       |                             | 0                  | 0       | 3                      | 0                               | 0                                |  |         |
| <b>JOB TOTALS</b>  |           |                |          |      |   |              |                 |                  | <b>438.29</b>  |                                | 48     | 68      |                             | 0                  | 0       | 30                     | 8                               | 0                                |  |         |

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| ADDENDUMS / REVISIONS |
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**NOT TO SCALE**

**HEP NCC, SR2,  
WOLLASTON ROAD  
TO MILLTOWN ROAD**

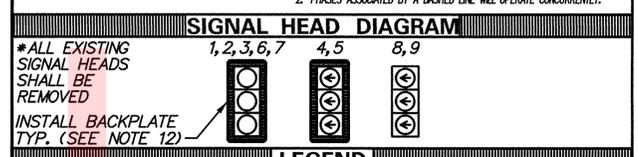
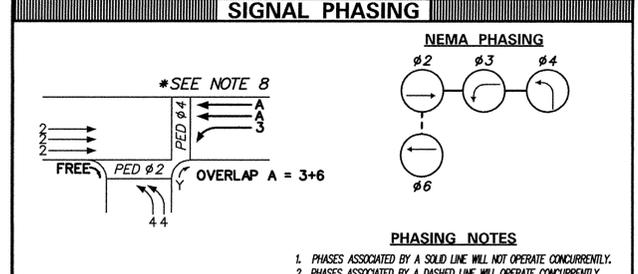
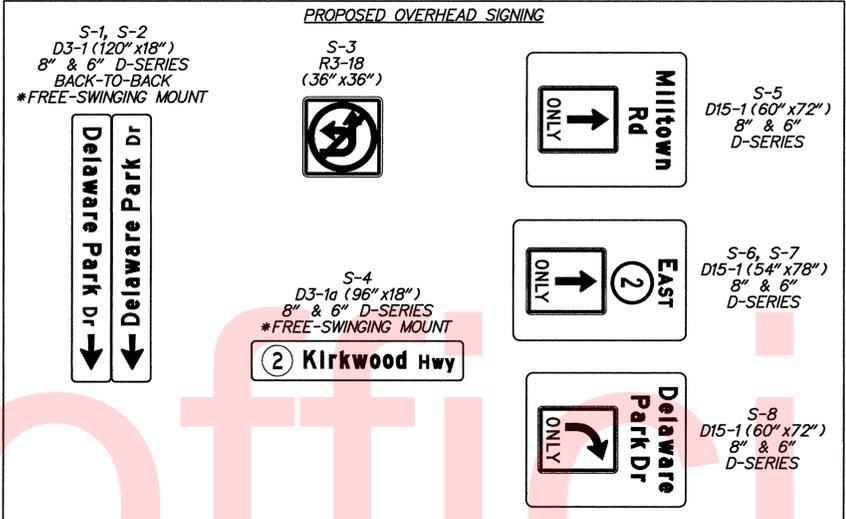
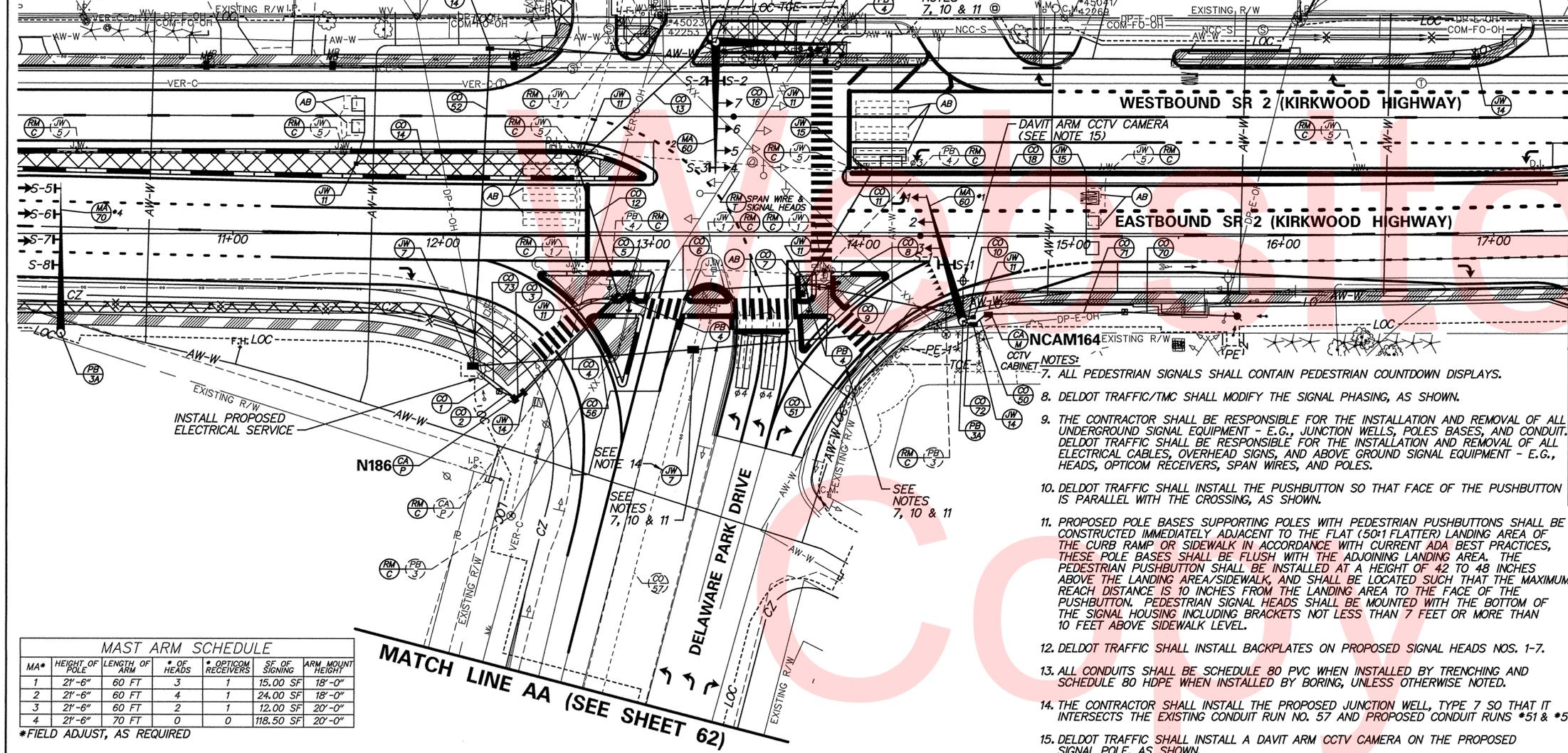
|                        |                  |                 |
|------------------------|------------------|-----------------|
| CONTRACT<br>T201200701 | BRIDGE NO.<br>   | <b>N/A</b>      |
| COUNTY<br>NEW CASTLE   | DESIGNED BY: SHB | CHECKED BY: JKL |

**SIGNING, STRIPING  
AND CONDUIT PLAN**

|                   |
|-------------------|
| <b>SS-09</b>      |
| SHEET NO.<br>59   |
| TOTAL SHTS.<br>64 |

| CO#   | # OF CONDUITS | SIZE   | LENGTH | B/T/O | AMOUNT AND TYPE OF CABLE/ WIRE  |
|-------|---------------|--------|--------|-------|---|
| ***1  | 1             | 2.0 IN | 11 FT  | T     | [NEW (1) 2/*8 U.F. W/GROUND - LINE SIDE]  |
| ***2  | 1             | 2.0 IN | 8 FT   | T     | [NEW (1) 2/*8 U.F. W/GROUND - LOAD SIDE]  |
| 3     | 3             | 4.0 IN | 6 FT   | T     | [NEW (3) 9/*14, [NEW (3) 4/*18], [NEW (4) 5/*14, [NEW (8) 2/*14], [NEW (3) *6 GRD]  |
| 4     | 2             | 4.0 IN | 65 FT  | B     | [NEW (3) 9/*14, [NEW (3) 4/*18], [NEW (4) 5/*14, [NEW (8) 2/*14], [NEW (2) *6 GRD]  |
| 5     | 1             | 2.5 IN | 6 FT   | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]   |
| 6     | 1             | 4.0 IN | 90 FT  | B     | [NEW (1) 9/*14], [NEW (1) 4/*18], [NEW (2) 5/*14, [NEW (6) 2/*14], [NEW (1) *6 GRD] |
| 7     | 1             | 2.5 IN | 9 FT   | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]   |
| 8     | 1             | 2.5 IN | 11 FT  | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]   |
| 9     | 1             | 4.0 IN | 82 FT  | B     | [NEW (1) 9/*14], [NEW (1) 4/*18], [NEW (1) *6 GRD]                                  |
| 10    | 1             | 3.0 IN | 5 FT   | T     | [NEW (1) 9/*14], [NEW (1) 4/*18], [NEW (1) *6 GRD]                                  |
| 11    | 1             | 4.0 IN | 62 FT  | B     | [NEW (4) 2/*14, [NEW (1) *6 GRD]  |
| 12    | 1             | 4.0 IN | 65 FT  | B     | [NEW (2) 9/*14], [NEW (2) 4/*18], [NEW (1) 5/*14, [NEW (2) 2/*14], [NEW (1) *6 GRD] |
| 13    | 1             | 4.0 IN | 85 FT  | B     | [NEW (2) 9/*14], [NEW (2) 4/*18], [NEW (1) 5/*14], [NEW (1) *6 GRD]                 |
| 14    | 1             | 4.0 IN | 105 FT | T     | [NEW (2) 2/*14, [NEW (1) *6 GRD]  |
| 15    | 1             | 3.0 IN | 3 FT   | T     | [NEW (2) 9/*14], [NEW (2) 4/*18], [NEW (1) *6 GRD]                                  |
| 16    | 1             | 4.0 IN | 49 FT  | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]   |
| 17    | 1             | 2.5 IN | 4 FT   | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]   |
| 18    | 1             | 4.0 IN | 103 FT | T     | [NEW (3) 2/*14, [NEW (1) *6 GRD]  |
| 50    | 1             | 4.0 IN | 9 FT   | T     | [NEW (1) FIBER], [NEW (1) CCTV CONTROL CABLE]                                       |
| 51    | 1             | 4.0 IN | 133 FT | B     | [NEW (1) FIBER]   |
| 52    | 1             | 4.0 IN | 150 FT | B     | [NEW (1) FIBER]   |
| 53    | 1             | 4.0 IN | 470 FT | B     | [NEW (1) FIBER]   |
| ***54 | 1             | 4.0 IN | 495 FT | B     | [NEW (1) FIBER]   |
| 56    | 1             | 4.0 IN | 103 FT | B     | [NEW (1) FIBER]   |
| ***57 | 1             | 4.0 IN | 190 FT | -     | [NEW (1) FIBER]   |
| ***70 | 1             | 2.0 IN | 51 FT  | T     | [NEW (1) 2/*8 U.F. W/GROUND - LINE SIDE]  |
| ***71 | 1             | 2.0 IN | 65 FT  | T     | [NEW (1) 2/*8 U.F. W/GROUND - LOAD SIDE]  |
| 72    | 1             | 4.0 IN | 5 FT   | T     | [NEW (1) CCTV CONTROL CABLE]  |
| 73    | 1             | 4.0 IN | 25 FT  | T     | [NEW (1) FIBER]   |

ALL EXISTING CONDUIT TO BE ABANDONED IN PLACE, UNLESS OTHERWISE NOTED B = BORE, T = TRENCH, O = OPEN CUT  
 CONDUIT NOT EXCLUSIVE TO THIS SIGNAL PLAN  
 RIGID GALVANIZED STEEL CONDUIT



| LEGEND                               |  |
|--------------------------------------|--|
| PROPOSED SIGNAL CABINET              | REMOVE BY CONTRACTOR   |
| EXISTING SIGNAL CABINET              | REMOVE BY TRAFFIC  |
| PROPOSED SIGNAL POLE BASE            | ABANDON  |
| EXISTING SIGNAL POLE BASE            | PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)            |
| PROPOSED PEDESTRIAN POLE BASE        | EXISTING PEDESTRIAN POLE BASE IDENTIFIER (TYPE OF POLE BASE) |
| EXISTING PEDESTRIAN POLE BASE        | PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)    |
| PROPOSED WOOD POLE                   | EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)    |
| EXISTING UTILITY POLE                | PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)           |
| PROPOSED JUNCTION WELL               | EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)           |
| EXISTING JUNCTION WELL               | PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)         |
| PROPOSED SIGNAL HEAD                 | EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)         |
| EXISTING SIGNAL HEAD                 | PROPOSED PEDESTRIAN SIGNAL HEAD                              |
| PROPOSED PEDESTRIAN SIGNAL HEAD      | EXISTING PEDESTRIAN SIGNAL HEAD                              |
| EXISTING PEDESTRIAN SIGNAL HEAD      | PROPOSED PEDESTRIAN PUSHBUTTON                               |
| PROPOSED PEDESTRIAN PUSHBUTTON       | EXISTING PEDESTRIAN PUSHBUTTON                               |
| EXISTING PEDESTRIAN PUSHBUTTON       | PROPOSED VIDEO DETECTION                                     |
| PROPOSED VIDEO DETECTION             | EXISTING VIDEO DETECTION                                     |
| EXISTING VIDEO DETECTION             | PROPOSED MICROWAVE DETECTION                                 |
| PROPOSED MICROWAVE DETECTION         | EXISTING MICROWAVE DETECTION                                 |
| EXISTING MICROWAVE DETECTION         | PROPOSED OVERHEAD SIGNING                                    |
| PROPOSED OVERHEAD SIGNING            | EXISTING OVERHEAD SIGNING                                    |
| EXISTING OVERHEAD SIGNING            | PROPOSED OPTICOM RECEIVER                                    |
| PROPOSED OPTICOM RECEIVER            | EXISTING OPTICOM RECEIVER                                    |
| EXISTING OPTICOM RECEIVER            | PROPOSED MAST ARM  |
| PROPOSED MAST ARM                    | EXISTING MAST ARM  |
| EXISTING MAST ARM                    | PROPOSED LUMINAIRE   |
| PROPOSED LUMINAIRE                   | EXISTING LUMINAIRE   |
| EXISTING LUMINAIRE                   | PROPOSED LOOP DETECTOR (TYPE 1 OR 2)                         |
| PROPOSED LOOP DETECTOR (TYPE 1 OR 2) | EXISTING LOOP DETECTOR (TYPE 1 OR 2)                         |

**GENERAL SIGNAL NOTES**

- PROPOSED LOOP DETECTORS (TO BE INSTALLED):  
 TYPE #1 - 8' x 25' - SR 2 WESTBOUND LEFT-TURN MOVEMENT.  
 TYPE #2 - 8' x 25' - DELAWARE PARK DRIVE LEFT-TURN MOVEMENTS.  
 SYSTEM - 6' x 6' - SR 2 RECEIVING LANES.
- ALL PROPOSED SIGNAL POLES ARE DELDOT MAST ARMS.
- ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
- POLE BASES, CONDUIT, JUNCTION WELLS, AND THE CABINET ARE TO BE REMOVED IN ACCORDANCE WITH SECTION 202 AND 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.
- ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS. SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY AND/OR THE APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY DELDOT TRAFFIC IMMEDIATELY BEFORE CONSTRUCTION.

| MAST ARM SCHEDULE |                |               |            |                        |                  |
|-------------------|----------------|---------------|------------|------------------------|------------------|
| MA#               | HEIGHT OF POLE | LENGTH OF ARM | # OF HEADS | # OF OPTICOM RECEIVERS | ARM MOUNT HEIGHT |
| 1                 | 21'-6"         | 60 FT         | 3          | 7                      | 15.00 SF 18'-0"  |
| 2                 | 21'-6"         | 60 FT         | 4          | 7                      | 24.00 SF 18'-0"  |
| 3                 | 21'-6"         | 60 FT         | 2          | 7                      | 12.00 SF 20'-0"  |
| 4                 | 21'-6"         | 70 FT         | 0          | 0                      | 118.50 SF 20'-0" |

\*FIELD ADJUST, AS REQUIRED

RECOMMENDED \_\_\_\_\_ DATE: \_\_\_\_\_ RECOMMENDED \_\_\_\_\_ DATE: \_\_\_\_\_ RECOMMENDED *Neil J. Bl...* DATE: 10/21/15 APPROVED TRAFFIC ENGINEER *John SAINTEL* DATE: 10/6/15 APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER *Neil J. Bl...* DATE: 10/6/15

DELAWARE DEPARTMENT OF TRANSPORTATION

HEP NCC, SR2, WOLLASTON ROAD TO MILLTOWN ROAD

SIGNAL PLAN SR 2 (KIRKWOOD HIGHWAY) @ DELAWARE PARK DRIVE

SCALE 0 30 60 90 FEET

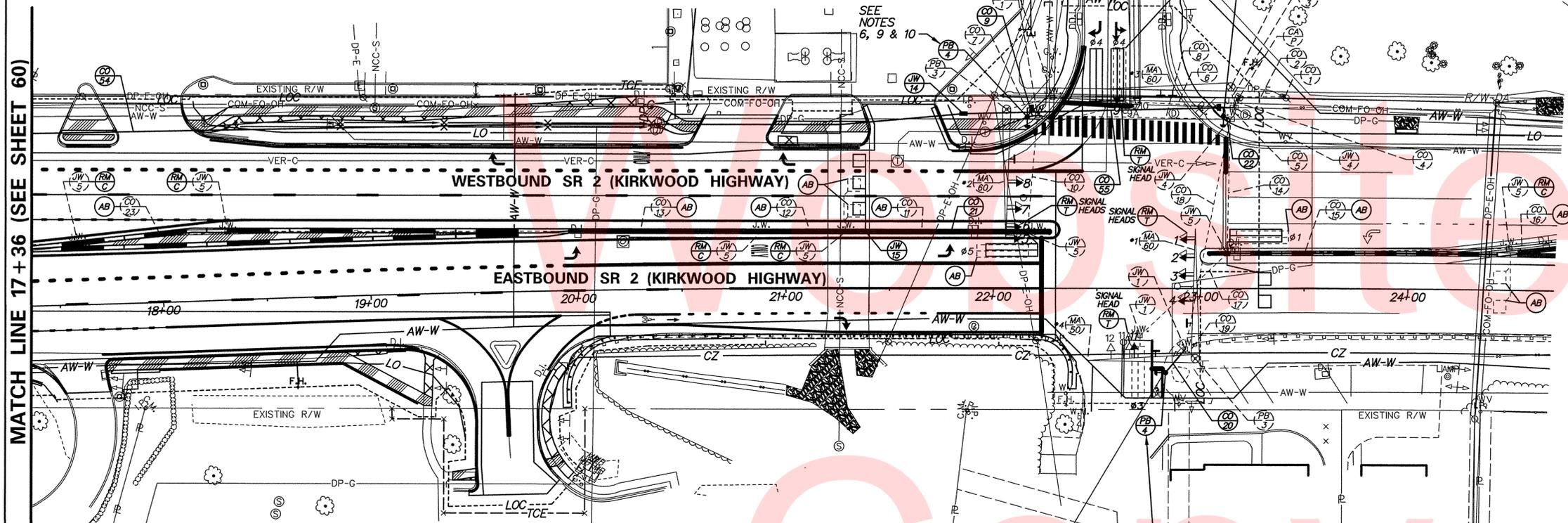
CONTRACT T201200701 COUNTY NEW CASTLE PERMIT NO. N186 & NCAM164 DESIGNED BY: B.S.S. (WRA) CHECKED BY: M.J.B. (WRA) SHEET NO. 60 TOTAL SHTS. 64

CONDUIT RUN SCHEDULE

| CO#  | * OF CONDUITS | SIZE   | LENGTH | B/T/O | AMOUNT AND TYPE OF CABLE/ WIRE  |
|------|---------------|--------|--------|-------|---|
| *1   | 1             | 2.0 IN | 3 FT   | -     | EX. (1) 2/*8 U.F. W/GROUND - LINE SIDE  |
| *2   | 1             | 2.0 IN | 21 FT  | -     | EX. (1) 2/*8 U.F. W/GROUND - LOAD SIDE  |
| *3   | 1             | 3.0 IN | 10 FT  | -     | EX. (1) 9/*14, EX. (1) 4/*18  |
| *4   | 3             | 2.5 IN | 6 FT   | -     | EX. (5) 4/*18, EX. (4) 9/*14, <REMOVE EX. (5) 4/*18>, <REMOVE EX. (1) COMM. CABLE>, [NEW (9) 2/*14], [NEW (3) 5/*14], [NEW (3) *6 GRD], [NEW (1) FIBER] |
| *5   | 1             | 2.5 IN | 6 FT   | -     | EX. (3) 4/*18, EX. (2) 9/*14, <REMOVE EX. (5) 4/*18>, <REMOVE EX. (2) COMM. CABLE>, [NEW (9) 2/*14], [NEW (3) 5/*14], [NEW (1) *6 GRD]                  |
| *6   | 1             | 4.0 IN | 93 FT  | -     | EX. (1) 9/*14, EX. (1) 4/*18  |
| *7   | 1             | 3.0 IN | 24 FT  | -     | EX. (1) 9/*14, EX. (1) 4/*18  |
| *8   | 1             | 2.5 IN | 93 FT  | -     | <REMOVE EX. (3) 4/*18>, <REMOVE EX. (1) COMM. CABLE>, [NEW (6) 2/*14], [NEW (1) 5/*14], [NEW (1) *6 GRD]  |
| *9   | 1             | 2.5 IN | 5 FT   | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]   |
| *10  | 1             | 2.5 IN | 57 FT  | -     | <REMOVE EX. (2) 4/*18>, <REMOVE EX. (1) COMM. CABLE>, [NEW (4) 2/*14], [NEW (1) *6 GRD]   |
| *11  | 1             | 2.5 IN | 87 FT  | -     | <REMOVE EX. (1) 4/*18>, <REMOVE EX. (1) COMM. CABLE>  |
| *12  | 1             | 2.5 IN | 41 FT  | -     | <REMOVE EX. (1) COMM. CABLE>  |
| *13  | 1             | 2.5 IN | -      | -     | <REMOVE EX. (1) COMM. CABLE>  |
| *14  | 1             | 2.5 IN | 64 FT  | -     | EX. (1) 4/*18, <REMOVE EX. (2) 4/*18>, <REMOVE EX. (1) COMM. CABLE>, [NEW (3) 2/*14], [NEW (1) *6 GRD]  |
| *15  | 1             | 2.5 IN | 137 FT | -     | <REMOVE EX. (1) 4/*18>, <REMOVE EX. (1) COMM. CABLE>  |
| *16  | 1             | 2.5 IN | -      | -     | <REMOVE EX. (1) COMM. CABLE>  |
| *17  | 1             | 2.5 IN | 58 FT  | -     | EX. (1) 4/*18   |
| *18  | 1             | 2.5 IN | 112 FT | -     | EX. (2) 9/*14, EX. (2) 4/*18, [NEW (1) 5/*14], [NEW (1) *6 GRD]   |
| *19  | 1             | 3.0 IN | 7 FT   | -     | EX. (2) 9/*14, EX. (2) 4/*18  |
| *20  | 1             | 2.5 IN | 17 FT  | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]   |
| *21  | 1             | 4.0 IN | 77 FT  | T     | [NEW (3) 2/*14], [NEW (1) *6 GRD]   |
| *22  | 1             | 2.5 IN | 7 FT   | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]   |
| *23  | 1             | 2.5 IN | 73 FT  | -     | <REMOVE EX. (1) COMM. CABLE>  |
| **54 | 1             | 4.0 IN | 495 FT | B     | [NEW (1) FIBER]   |
| 55   | 1             | 4.0 IN | 131 FT | B     | [NEW (1) FIBER]   |

\* DENOTES EXISTING CONDUIT  
 \*\*CONDUIT NOT EXCLUSIVE TO THIS SIGNAL PLAN  
 B = BORE, T = TRENCH, O = OPEN CUT

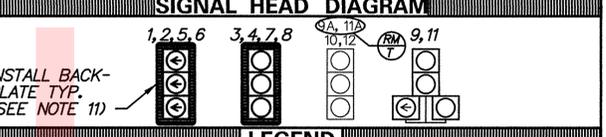
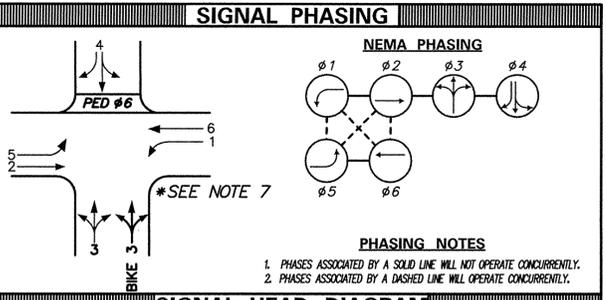
- NOTES:
- ALL PEDESTRIAN SIGNALS SHALL CONTAIN PEDESTRIAN COUNTDOWN DISPLAYS.
  - DELDOT TRAFFIC/TMC SHALL MODIFY THE SIGNAL PHASING, AS SHOWN.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND REMOVAL OF ALL UNDERGROUND SIGNAL EQUIPMENT - E.G., JUNCTION WELLS, POLE BASES, AND CONDUIT. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND REMOVAL OF ALL ELECTRICAL CABLES AND ABOVE GROUND SIGNAL EQUIPMENT - E.G., HEADS, POLES AND PEDESTRIAN SIGNALS/PUSHBUTTONS.
  - DELDOT TRAFFIC SHALL INSTALL THE PUSHBUTTON SO THAT FACE OF THE PUSHBUTTON IS PARALLEL WITH THE CROSSING, AS SHOWN.
  - PROPOSED POLE BASES SUPPORTING POLES WITH PEDESTRIAN PUSHBUTTONS SHALL BE CONSTRUCTED IMMEDIATELY ADJACENT TO THE FLAT (50:1 FLATTER) LANDING AREA OF THE CURB RAMP OR SIDEWALK IN ACCORDANCE WITH CURRENT ADA BEST PRACTICES. THESE POLE BASES SHALL BE FLUSH WITH THE ADJOINING LANDING AREA. THE PEDESTRIAN PUSHBUTTON SHALL BE INSTALLED AT A HEIGHT OF 42 TO 48 INCHES ABOVE THE LANDING AREA/SIDEWALK, AND SHALL BE LOCATED SUCH THAT THE MAXIMUM REACH DISTANCE IS 10 INCHES FROM THE LANDING AREA TO THE FACE OF THE PUSHBUTTON. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 7 FEET OR MORE THAN 10 FEET ABOVE SIDEWALK LEVEL.
  - DELDOT TRAFFIC SHALL INSTALL BACKPLATES ON PROPOSED SIGNAL HEADS NOS. 1-8.
  - DELDOT'S TRAFFIC CONTRACTOR SHALL INSTALL A 6' PEDESTAL POLE WITH ONE-BUTTON ASSEMBLY.
  - ALL CONDUITS SHALL BE SCHEDULE 80 PVC WHEN INSTALLED BY TRENCHING AND SCHEDULE 80 HDPE WHEN INSTALLED BY BORING, UNLESS OTHERWISE NOTED.
  - DELDOT TRAFFIC SHALL REPLACE EXISTING SIGNAL HEADS 9A AND 11A WITH PROPOSED SIGNAL HEADS 9 AND 11, RESPECTIVELY.



INSTALL REGULATORY SIGN ON PEDESTAL POLE S-9 R10-26 (9' x 15')

MAST ARM SCHEDULE

| MA# | HEIGHT OF POLE | LENGTH OF ARM | * OF HEADS | * OPTICOM RECEIVERS | SF OF SIGNING | ARM MOUNT HEIGHT |
|-----|----------------|---------------|------------|---------------------|---------------|------------------|
| 1   | 21'-6"         | 60 FT         | 4          | 1                   | 12.00 SF      | 20'-0"           |
| 2   | 21'-6"         | 60 FT         | 4          | 1                   | 12.00 SF      | 18'-0"           |
| 3   | 21'-6"         | 60 FT         | 2          | 1                   | 23.25 SF      | 18'-0"           |
| 4   | 21'-6"         | 50 FT         | 2          | 1                   | 11.25 SF      | 18'-0"           |



LEGEND

|                                      |   |
|--------------------------------------|---|
| PROPOSED SIGNAL CABINET              | REMOVE BY CONTRACTOR                                      |
| EXISTING SIGNAL CABINET              | REMOVE BY TRAFFIC   |
| PROPOSED SIGNAL POLE BASE            | ABANDON   |
| EXISTING SIGNAL POLE BASE            | PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)         |
| PROPOSED PEDESTRIAN POLE BASE        | EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)         |
| EXISTING PEDESTRIAN POLE BASE        | PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL) |
| PROPOSED WOOD POLE                   | EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL) |
| EXISTING UTILITY POLE                | PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)        |
| PROPOSED JUNCTION WELL               | EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)        |
| EXISTING JUNCTION WELL               | PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)      |
| PROPOSED SIGNAL HEAD                 | EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)      |
| EXISTING SIGNAL HEAD                 | PROPOSED PEDESTRIAN SIGNAL HEAD                           |
| PROPOSED PEDESTRIAN SIGNAL HEAD      | EXISTING PEDESTRIAN SIGNAL HEAD                           |
| EXISTING PEDESTRIAN SIGNAL HEAD      | PROPOSED PEDESTRIAN PUSHBUTTON                            |
| PROPOSED PEDESTRIAN PUSHBUTTON       | EXISTING PEDESTRIAN PUSHBUTTON                            |
| EXISTING PEDESTRIAN PUSHBUTTON       | PROPOSED VIDEO DETECTION                                  |
| PROPOSED VIDEO DETECTION             | EXISTING VIDEO DETECTION                                  |
| EXISTING VIDEO DETECTION             | PROPOSED MICROWAVE DETECTION                              |
| PROPOSED MICROWAVE DETECTION         | EXISTING MICROWAVE DETECTION                              |
| EXISTING MICROWAVE DETECTION         | OVERHEAD SIGNING  |
| OVERHEAD SIGNING                     | PROPOSED OPTICOM RECEIVER                                 |
| PROPOSED OPTICOM RECEIVER            | EXISTING OPTICOM RECEIVER                                 |
| EXISTING OPTICOM RECEIVER            | PROPOSED MAST ARM   |
| PROPOSED MAST ARM                    | EXISTING MAST ARM   |
| EXISTING MAST ARM                    | PROPOSED LUMINAIRE  |
| PROPOSED LUMINAIRE                   | EXISTING LUMINAIRE  |
| EXISTING LUMINAIRE                   | PROPOSED LOOP DETECTOR (TYPE 1 OR 2)                      |
| PROPOSED LOOP DETECTOR (TYPE 1 OR 2) | EXISTING LOOP DETECTOR (TYPE 1 OR 2)                      |

- GENERAL SIGNAL NOTES
- EXISTING LOOP DETECTORS (TO REMAIN): TYPE #2 - 6' x 25' - DRIVEWAY LEFT-TURN/THROUGH MOVEMENTS. PROPOSED LOOP DETECTORS (TO BE INSTALLED): TYPE #2 - 6' x 25' - SR 2 WESTBOUND LEFT-TURN MOVEMENT. TYPE #2 - 6' x 25' - SR 2 EASTBOUND LEFT-TURN MOVEMENT. TYPE #2 - 6' x 25' - MILLTOWN ROAD LEFT-TURN/THROUGH AND RIGHT-TURN MOVEMENTS. SYSTEM - 6' x 6' - SR 2 RECEIVING LANES.
  - ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
  - CONDUIT JUNCTION WELLS ARE TO BE REMOVED IN ACCORDANCE WITH SECTION 202 AND 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.
  - ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS, SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
  - ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY, AND/OR THE APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY DELDOT TRAFFIC IMMEDIATELY BEFORE CONSTRUCTION.

RECOMMENDED \_\_\_\_\_ DATE: \_\_\_\_\_

RECOMMENDED \_\_\_\_\_ DATE: \_\_\_\_\_

RECOMMENDED *W. J. R.* DATE: 10/2/15

APPROVED TRAFFIC ENGINEER *J. P. SANTIL* DATE: 10/6/15

APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER *W. J. R.* DATE: 10/6/15

DELAWARE DEPARTMENT OF TRANSPORTATION

HEP NCC, SR2, WOLLASTON ROAD TO MILLTOWN ROAD

CONTRACT T201200701

PERMIT NO. N152

COUNTY NEW CASTLE

DESIGNED BY: B.S.S. (WRA)

CHECKED BY: M.J.B. (WRA)

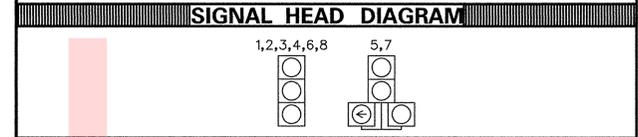
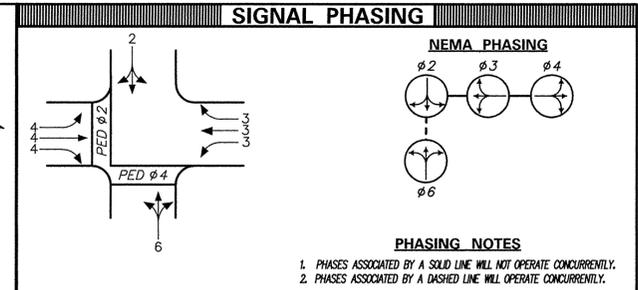
SIGNAL PLAN SR 2 (KIRKWOOD HIGHWAY) @ MILLTOWN ROAD

SHEET NO. 61

TOTAL SHTS. 64

| CO*  | # OF CONDUITS | SIZE   | LENGTH | B/T/O | AMOUNT AND TYPE OF CABLE/ WIRE   |
|------|---------------|--------|--------|-------|--|
| *1   | 1             | 2.0 IN | 15 FT  | -     | EX. (1) 2/*8 U.F. W/GROUND - LINE SIDE   |
| *2   | 1             | 2.0 IN | 6 FT   | -     | EX. (1) 2/*8 U.F. W/GROUND - LOAD SIDE   |
| *3   | 3             | 4.0 IN | 5 FT   | -     | EX. (10) 4/*18, EX. (3) 9/*14, EX. (2) 16/*14, EX. (3) *6 GRD, [NEW (1) FIBER] |
| *4   | 1             | 4.0 IN | 6 FT   | -     | EX. (2) 4/*18, EX. (1) 16/*14, EX. (1) *6 GRD                                  |
| *5   | 1             | 4.0 IN | 12 FT  | -     | EX. (1) 9/*14, EX. (1) *6 GRD  |
| *6   | 1             | 4.0 IN | 21 FT  | -     | EX. (8) 4/*18, EX. (2) 9/*14, EX. (1) 16/*14, EX. (1) *6 GRD                   |
| *7   | 1             | 4.0 IN | 59 FT  | -     | EX. (7) 4/*18, EX. (2) 9/*14, EX. (1) 16/*14, EX. (1) *6 GRD                   |
| *8   | 1             | 4.0 IN | 41 FT  | -     | EX. (7) 4/*18, EX. (2) 9/*14, EX. (1) 16/*14, EX. (1) *6 GRD                   |
| *9   | 1             | 4.0 IN | 52 FT  | -     | EX. (7) 4/*18, EX. (2) 9/*14, EX. (1) 16/*14, EX. (1) *6 GRD                   |
| *10  | 1             | 4.0 IN | 90 FT  | -     | EX. (5) 4/*18, EX. (2) 9/*14, EX. (1) 16/*14, EX. (1) *6 GRD                   |
| *11  | 1             | 3.0 IN | 8 FT   | -     | EX. (2) 4/*18, EX. (1) 16/*14, EX. (1) *6 GRD                                  |
| *12  | 1             | 2.5 IN | 10 FT  | -     | EX. (1) 9/*14, EX. (1) *6 GRD  |
| *13  | 1             | 4.0 IN | 79 FT  | -     | EX. (2) 4/*18, EX. (1) 9/*14, EX. (1) *6 GRD                                   |
| *14  | 1             | 2.5 IN | 4 FT   | -     | EX. (1) 9/*14, EX. (1) *6 GRD  |
| **57 | 1             | 4.0 IN | 190 FT | -     | [NEW (1) FIBER]  |
| *58  | 1             | 4.0 IN | 143 FT | -     | [NEW (1) FIBER]  |
| *59  | 1             | 4.0 IN | 179 FT | -     | [NEW (1) FIBER]  |
| *60  | 1             | 4.0 IN | 176 FT | -     | [NEW (1) FIBER]  |
| 61   | 1             | 4.0 IN | 92 FT  | B     | [NEW (1) FIBER]  |
| 62   | 1             | 4.0 IN | 13 FT  | T     | [NEW (1) FIBER]  |

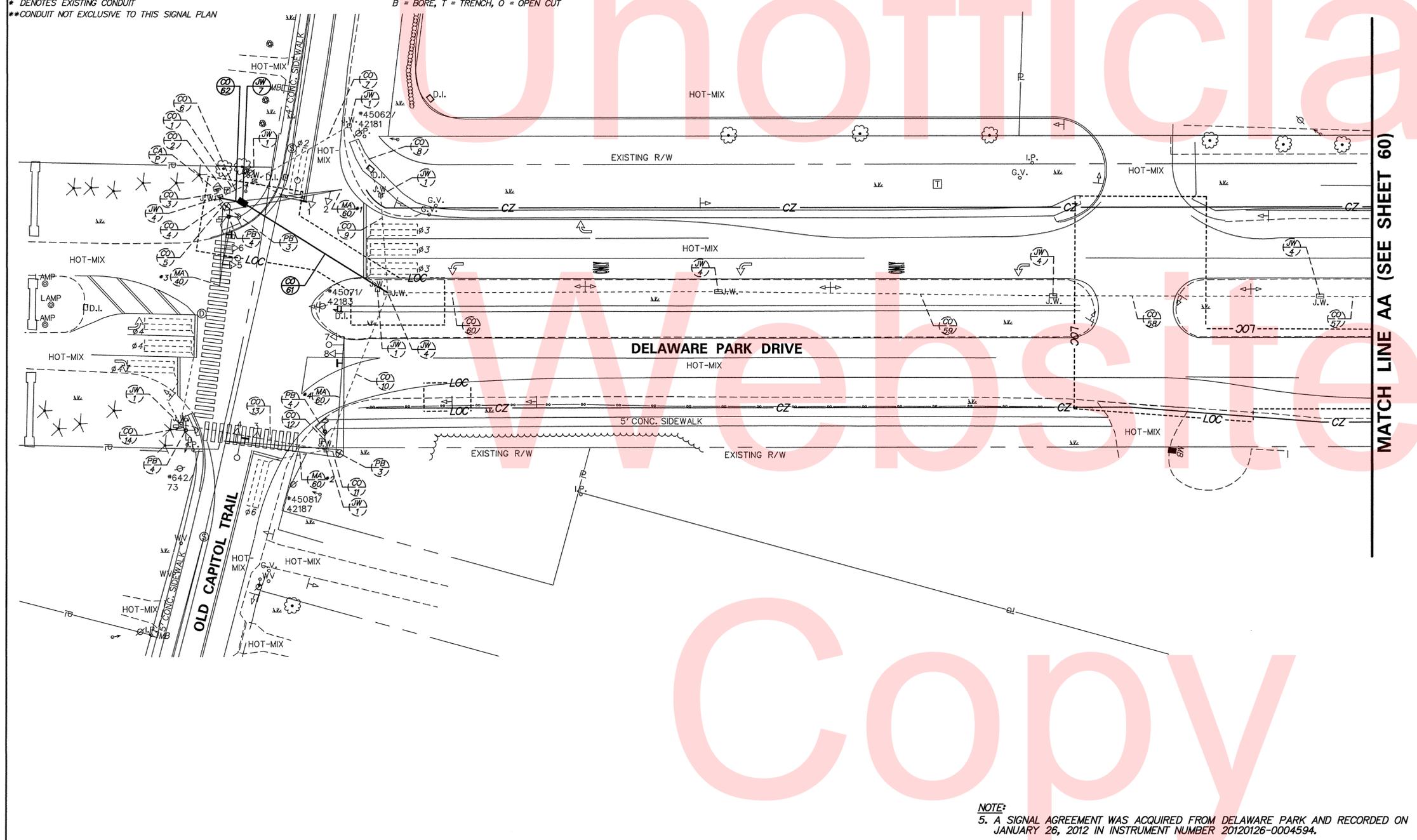
| MA# | HEIGHT OF POLE | LENGTH OF ARM | # OF HEADS | # OPTICOM RECEIVERS | SF OF SIGNING | ARM MOUNT HEIGHT |
|-----|----------------|---------------|------------|---------------------|---------------|------------------|
| 1   | 21'-0"         | 60 FT         | 2          | 1                   | 14.00 SF      | 19'-0"           |
| 2   | 21'-0"         | 60 FT         | 2          | 1                   | 14.00 SF      | 19'-0"           |
| 3   | 21'-0"         | 40 FT         | 2          | 1                   | 16.00 SF      | 19'-0"           |
| 4   | 21'-0"         | 60 FT         | 2          | 1                   | 16.00 SF      | 19'-0"           |



| LEGEND |   |
|--------|---|
| ■      | PROPOSED SIGNAL CABINET                                   |
| □      | EXISTING SIGNAL CABINET                                   |
| ○      | PROPOSED SIGNAL POLE BASE                                 |
| ⊙      | EXISTING SIGNAL POLE BASE                                 |
| ⊙      | PROPOSED PEDESTRIAN POLE BASE                             |
| ⊙      | EXISTING PEDESTRIAN POLE BASE                             |
| ■      | PROPOSED WOOD POLE  |
| ■      | EXISTING UTILITY POLE                                     |
| ■      | PROPOSED JUNCTION WELL                                    |
| J.W.   | EXISTING JUNCTION WELL                                    |
| →      | PROPOSED SIGNAL HEAD                                      |
| →      | EXISTING SIGNAL HEAD                                      |
| →      | PROPOSED PEDESTRIAN SIGNAL HEAD                           |
| →      | EXISTING PEDESTRIAN SIGNAL HEAD                           |
| →      | PROPOSED PEDESTRIAN PUSHBUTTON                            |
| →      | EXISTING PEDESTRIAN PUSHBUTTON                            |
| ■      | PROPOSED VIDEO DETECTION                                  |
| ■      | EXISTING VIDEO DETECTION                                  |
| ■      | PROPOSED MICROWAVE DETECTION                              |
| ■      | EXISTING MICROWAVE DETECTION                              |
| →      | OVERHEAD SIGNING  |
| →      | PROPOSED OPTICOM RECEIVER                                 |
| →      | EXISTING OPTICOM RECEIVER                                 |
| →      | PROPOSED MAST ARM   |
| →      | EXISTING MAST ARM   |
| →      | PROPOSED LUMINAIRE  |
| →      | EXISTING LUMINAIRE  |
| □      | PROPOSED LOOP DETECTOR (TYPE 1 OR 2)                      |
| □      | EXISTING LOOP DETECTOR (TYPE 1 OR 2)                      |
| ○      | REMOVE BY CONTRACTOR                                      |
| ○      | REMOVE BY TRAFFIC   |
| ○      | ABANDON   |
| ○      | PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)         |
| ○      | EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)         |
| ○      | PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL) |
| ○      | EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL) |
| ○      | PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)        |
| ○      | EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)        |
| ○      | PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)      |
| ○      | EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)      |
| ○      | PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)              |
| ○      | EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)              |
| ○      | PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)             |
| ○      | EXISTING CABINET IDENTIFIER (TYPE OF CABINET)             |
| ○      | PROPOSED SPAN WIRE  |
| ○      | EXISTING SPAN WIRE  |
| ○      | RIGHT-OF-WAY OR PROPERTY LINE                             |
| ○      | PROPOSED SPAN INSULATOR                                   |
| ○      | EXISTING SPAN INSULATOR                                   |
| ○      | SERVICE PEDESTAL  |

**GENERAL SIGNAL NOTES**

- ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
- ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS. SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY AND/OR THE APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY DELDOT TRAFFIC IMMEDIATELY BEFORE CONSTRUCTION.
- ALL CONDUITS SHALL BE SCHEDULE 80 PVC WHEN INSTALLED BY TRENCHING AND SCHEDULE 80 HDPE WHEN INSTALLED BY BORING, UNLESS OTHERWISE NOTED.



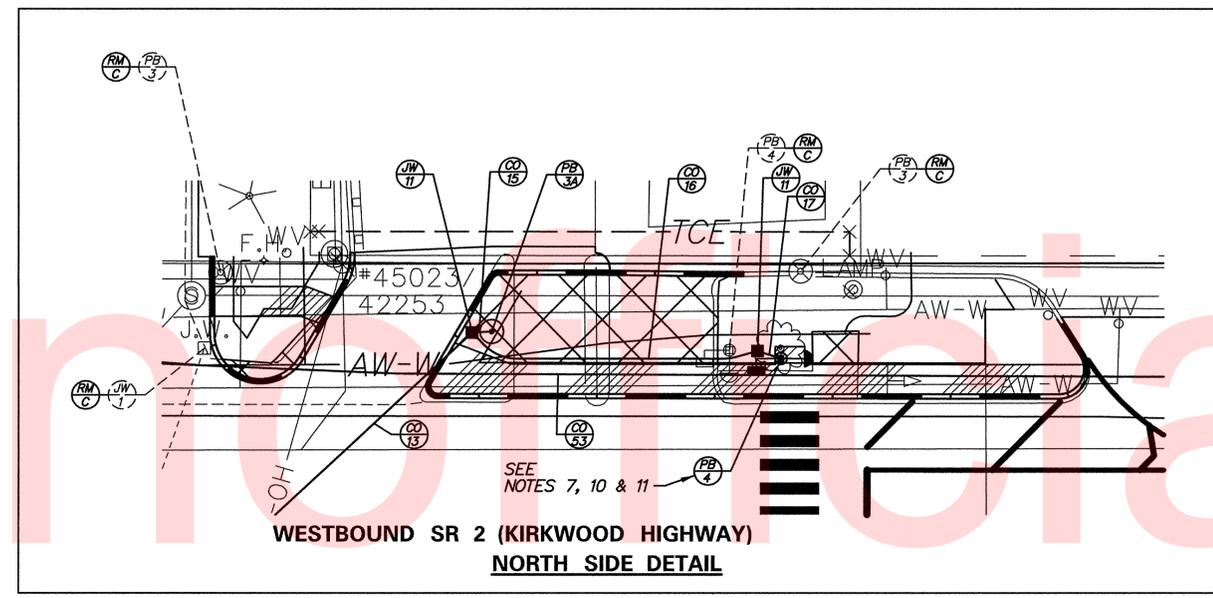
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**NOTE:**  
 5. A SIGNAL AGREEMENT WAS ACQUIRED FROM DELAWARE PARK AND RECORDED ON JANUARY 26, 2012 IN INSTRUMENT NUMBER 20120126-0004594.

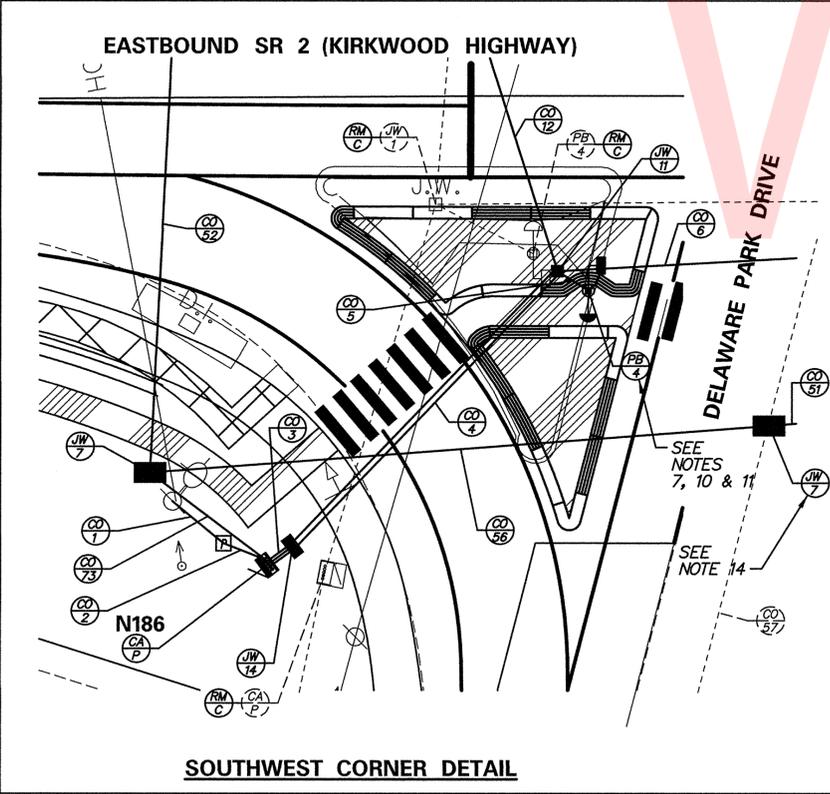
|  |                               |   |  |  |  |                                |
|--|-------------------------------|---|--|--|--|--------------------------------|
| RECOMMENDED _____ DATE: _____                | RECOMMENDED _____ DATE: _____ | RECOMMENDED <i>[Signature]</i> DATE: 10/21/15 | APPROVED TRAFFIC ENGINEER <i>[Signature]</i> DATE: 10/6/15 | APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER <i>[Signature]</i> DATE: 10/6/15  |  |                                |
| <b>DELAWARE DEPARTMENT OF TRANSPORTATION</b> |                               | SCALE<br>0 30 60 90<br>FEET                   | <b>HEP NCC, SR2, WOLLASTON ROAD TO MILLTOWN ROAD</b>       | CONTRACT T201200701<br>COUNTY NEW CASTLE<br>PERMIT NO. <b>N020P-N186-N152</b><br>DESIGNED BY: B.S.S. (WRA)<br>CHECKED BY: M.J.B. (WRA) | <b>INTERCONNECT PLAN N020P - N186 - N152</b> | SHEET NO. 62<br>TOTAL SHTS. 64 |

| CO#   | * OF CONDUITS | SIZE   | LENGTH | B/T/O | AMOUNT AND TYPE OF CABLE/ WIRE   |
|-------|---------------|--------|--------|-------|--|
| ***1  | 1             | 2.0 IN | 11 FT  | T     | [NEW (1) 2/*8 U.F. W/GROUND - LINE SIDE]   |
| ***2  | 1             | 2.0 IN | 8 FT   | T     | [NEW (1) 2/*8 U.F. W/GROUND - LOAD SIDE]   |
| 3     | 3             | 4.0 IN | 6 FT   | T     | [NEW (3) 9/*14], [NEW (3) 4/*18], [NEW (4) 5/*14], [NEW (8) 2/*14], [NEW (3) *6 GRD] |
| 4     | 2             | 4.0 IN | 65 FT  | B     | [NEW (3) 9/*14], [NEW (3) 4/*18], [NEW (4) 5/*14], [NEW (8) 2/*14], [NEW (2) *6 GRD] |
| 5     | 1             | 2.5 IN | 6 FT   | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]  |
| 6     | 1             | 4.0 IN | 90 FT  | B     | [NEW (1) 9/*14], [NEW (1) 4/*18], [NEW (2) 5/*14], [NEW (6) 2/*14], [NEW (1) *6 GRD] |
| 7     | 1             | 2.5 IN | 9 FT   | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]  |
| 8     | 1             | 2.5 IN | 11 FT  | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]  |
| 9     | 1             | 4.0 IN | 82 FT  | B     | [NEW (1) 9/*14], [NEW (1) 4/*18], [NEW (1) *6 GRD]                                   |
| 10    | 1             | 3.0 IN | 5 FT   | T     | [NEW (1) 9/*14], [NEW (1) 4/*18], [NEW (1) *6 GRD]                                   |
| 11    | 1             | 4.0 IN | 62 FT  | B     | [NEW (4) 2/*14], [NEW (1) *6 GRD]  |
| 12    | 1             | 4.0 IN | 65 FT  | B     | [NEW (2) 9/*14], [NEW (2) 4/*18], [NEW (1) 5/*14], [NEW (2) 2/*14], [NEW (1) *6 GRD] |
| 13    | 1             | 4.0 IN | 85 FT  | B     | [NEW (2) 9/*14], [NEW (2) 4/*18], [NEW (1) 5/*14], [NEW (1) *6 GRD]                  |
| 14    | 1             | 4.0 IN | 105 FT | T     | [NEW (2) 2/*14], [NEW (1) *6 GRD]  |
| 15    | 1             | 3.0 IN | 3 FT   | T     | [NEW (2) 9/*14], [NEW (2) 4/*18], [NEW (1) *6 GRD]                                   |
| 16    | 1             | 4.0 IN | 49 FT  | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]  |
| 17    | 1             | 2.5 IN | 4 FT   | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]  |
| 18    | 1             | 4.0 IN | 103 FT | T     | [NEW (3) 2/*14], [NEW (1) *6 GRD]  |
| 50    | 1             | 4.0 IN | 9 FT   | T     | [NEW (1) FIBER], [NEW (1) CCTV CONTROL CABLE]  |
| 51    | 1             | 4.0 IN | 133 FT | B     | [NEW (1) FIBER]  |
| 52    | 1             | 4.0 IN | 150 FT | B     | [NEW (1) FIBER]  |
| 53    | 1             | 4.0 IN | 470 FT | B     | [NEW (1) FIBER]  |
| ***54 | 1             | 4.0 IN | 495 FT | B     | [NEW (1) FIBER]  |
| 56    | 1             | 4.0 IN | 103 FT | B     | [NEW (1) FIBER]  |
| ***57 | 1             | 4.0 IN | 190 FT | -     | [NEW (1) FIBER]  |
| ***70 | 1             | 2.0 IN | 51 FT  | T     | [NEW (1) 2/*8 U.F. W/GROUND - LINE SIDE]   |
| ***71 | 1             | 2.0 IN | 65 FT  | T     | [NEW (1) 2/*8 U.F. W/GROUND - LOAD SIDE]   |
| 72    | 1             | 4.0 IN | 5 FT   | T     | [NEW (1) CCTV CONTROL CABLE]   |
| 73    | 1             | 4.0 IN | 25 FT  | T     | [NEW (1) FIBER]  |

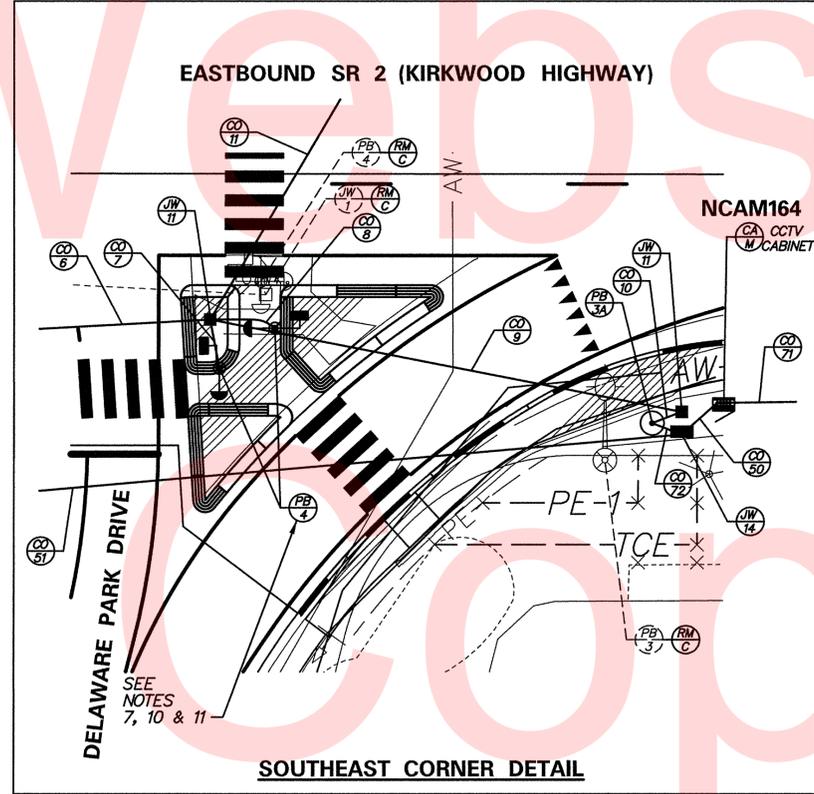
\* ALL EXISTING CONDUIT TO BE ABANDONED IN PLACE, UNLESS OTHERWISE NOTED B = BORE, T = TRENCH, O = OPEN CUT  
 \*\*CONDUIT NOT EXCLUSIVE TO THIS SIGNAL PLAN  
 \*\*\*RIGID GALVANIZED STEEL CONDUIT



WESTBOUND SR 2 (KIRKWOOD HIGHWAY)  
 NORTH SIDE DETAIL

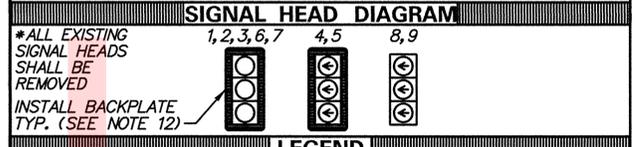
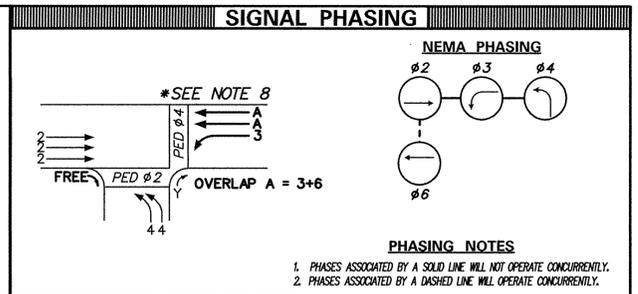


SOUTHWEST CORNER DETAIL



SOUTHEAST CORNER DETAIL

- NOTES:**
- ALL PEDESTRIAN SIGNALS SHALL CONTAIN PEDESTRIAN COUNTDOWN DISPLAYS.
  - DELDOT TRAFFIC/TMC SHALL MODIFY THE SIGNAL PHASING, AS SHOWN.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND REMOVAL OF ALL UNDERGROUND SIGNAL EQUIPMENT - E.G., JUNCTION WELLS, POLES BASES, AND CONDUIT. DELDOT TRAFFIC SHALL BE RESPONSIBLE FOR THE INSTALLATION AND REMOVAL OF ALL ELECTRICAL CABLES, OVERHEAD SIGNS, AND ABOVE GROUND SIGNAL EQUIPMENT - E.G., HEADS, OPTICOM RECEIVERS, SPAN WIRES, AND POLES.
  - DELDOT TRAFFIC SHALL INSTALL THE PUSHBUTTON SO THAT FACE OF THE PUSHBUTTON IS PARALLEL WITH THE CROSSING, AS SHOWN.
  - PROPOSED POLE BASES SUPPORTING POLES WITH PEDESTRIAN PUSHBUTTONS SHALL BE CONSTRUCTED IMMEDIATELY ADJACENT TO THE FLAT (50:1 FLATTER) LANDING AREA OF THE CURB RAMP OR SIDEWALK IN ACCORDANCE WITH CURRENT ADA BEST PRACTICES. THESE POLE BASES SHALL BE FLUSH WITH THE ADJOINING LANDING AREA. THE PEDESTRIAN PUSHBUTTON SHALL BE INSTALLED AT A HEIGHT OF 42 TO 48 INCHES ABOVE THE LANDING AREA/SIDEWALK, AND SHALL BE LOCATED SUCH THAT THE MAXIMUM REACH DISTANCE IS 10 INCHES FROM THE LANDING AREA TO THE FACE OF THE PUSHBUTTON. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 7 FEET OR MORE THAN 10 FEET ABOVE SIDEWALK LEVEL.
  - DELDOT TRAFFIC SHALL INSTALL BACKPLATES ON PROPOSED SIGNAL HEADS NOS. 1-7.
  - ALL CONDUITS SHALL BE SCHEDULE 80 PVC WHEN INSTALLED BY TRENCHING AND SCHEDULE 80 HDPE WHEN INSTALLED BY BORING, UNLESS OTHERWISE NOTED.
  - THE CONTRACTOR SHALL INSTALL THE PROPOSED JUNCTION WELL, TYPE 7 SO THAT IT INTERSECTS THE EXISTING CONDUIT RUN NO. 57 AND PROPOSED CONDUIT RUNS \*51 & \*56.
  - DELDOT TRAFFIC SHALL INSTALL A DAVIT ARM CCTV CAMERA ON THE PROPOSED SIGNAL POLE, AS SHOWN.



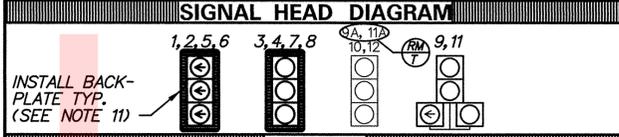
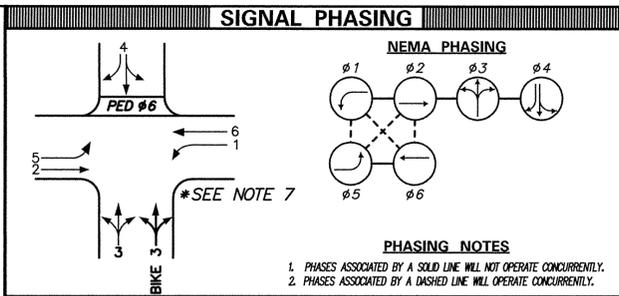
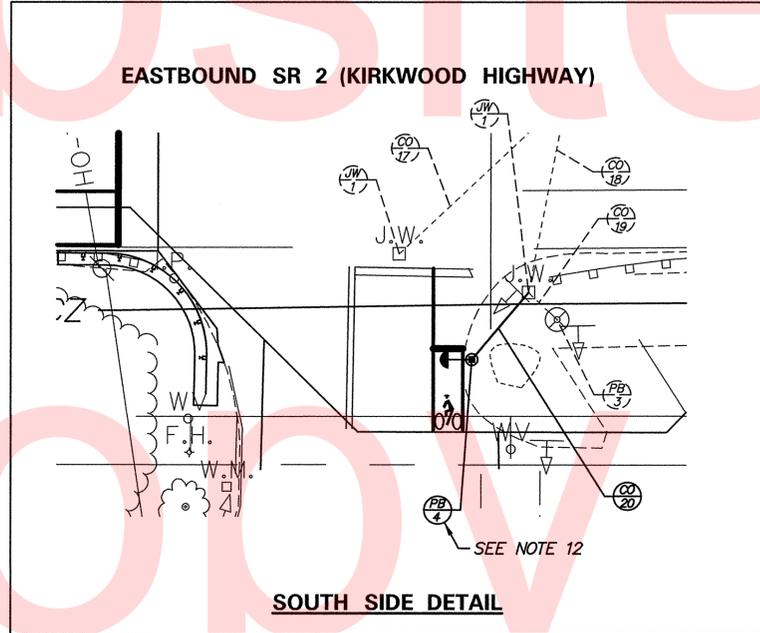
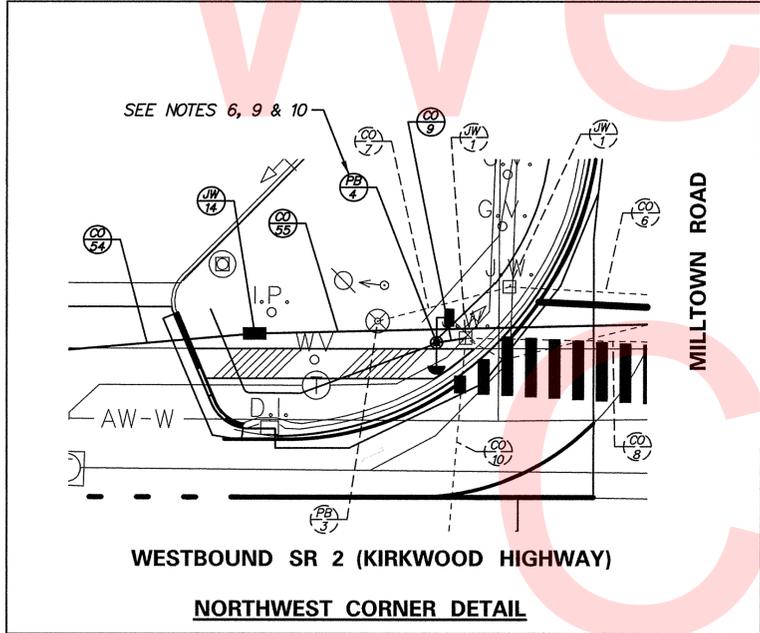
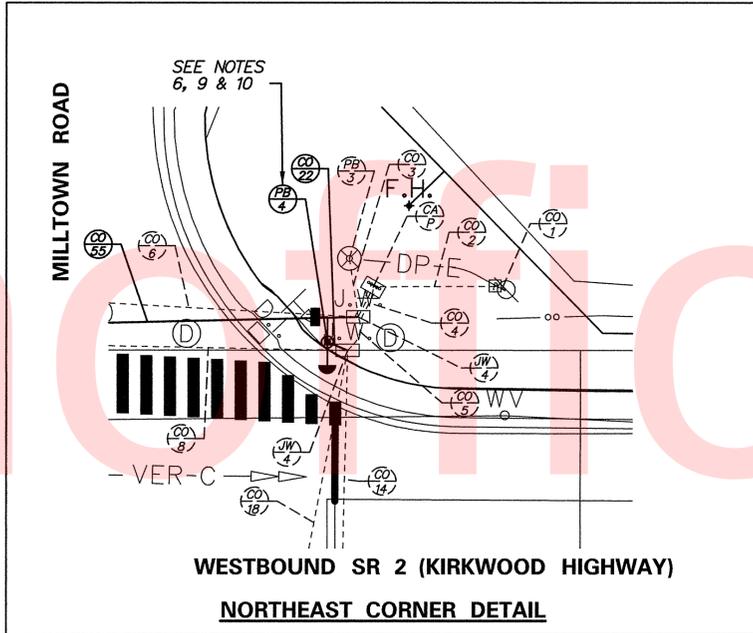
| LEGEND |                                     |      |  |
|--------|-------------------------------------|------|--|
| ■      | PROPOSED SIGNAL CABINET             | RM C | REMOVE BY CONTRACTOR   |
| □      | EXISTING SIGNAL CABINET             | RM T | REMOVE BY TRAFFIC  |
| ○      | PROPOSED SIGNAL POLE BASE           | AB   | ABANDON  |
| ⊗      | EXISTING SIGNAL POLE BASE           | PB X | PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)            |
| ⊙      | PROPOSED PEDESTRIAN POLE BASE       | PB X | EXISTING PEDESTRIAN POLE BASE IDENTIFIER (TYPE OF POLE BASE) |
| ⊖      | EXISTING PEDESTRIAN POLE BASE       | PB X | EXISTING PEDESTRIAN POLE BASE IDENTIFIER (TYPE OF POLE BASE) |
| ⊙      | PROPOSED WOOD POLE                  | JW X | PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)    |
| ⊖      | EXISTING UTILITY POLE               | JW X | EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)    |
| ⊙      | PROPOSED JUNCTION WELL              | JW X | EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)    |
| ⊖      | EXISTING JUNCTION WELL              | CO   | PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)           |
| →      | PROPOSED SIGNAL HEAD                | CO   | EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)           |
| →      | EXISTING SIGNAL HEAD                | OH   | PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)         |
| →      | PROPOSED PEDESTRIAN SIGNAL HEAD     | OH   | EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)         |
| →      | EXISTING PEDESTRIAN SIGNAL HEAD     | MA X | PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)                 |
| →      | PROPOSED PEDESTRIAN PUSHBUTTON      | MA X | EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)                 |
| →      | EXISTING PEDESTRIAN PUSHBUTTON      | CA X | PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)                |
| →      | PROPOSED VIDEO DETECTION            | CA X | EXISTING CABINET IDENTIFIER (TYPE OF CABINET)                |
| →      | EXISTING VIDEO DETECTION            | CA X | EXISTING CABINET IDENTIFIER (TYPE OF CABINET)                |
| →      | PROPOSED MICROWAVE DETECTION        | —    | PROPOSED SPAN WIRE   |
| →      | EXISTING MICROWAVE DETECTION        | —    | EXISTING SPAN WIRE   |
| →      | PROPOSED OPTICOM RECEIVER           | —    | RIGHT-OF-WAY OR PROPERTY LINE                                |
| →      | EXISTING OPTICOM RECEIVER           | —    | PROPOSED SPAN INSULATOR                                      |
| →      | PROPOSED MAST ARM                   | —    | EXISTING SPAN INSULATOR                                      |
| →      | EXISTING MAST ARM                   | —    | SERVICE PEDESTAL   |
| →      | PROPOSED LUMINAIRE                  | —    |  |
| →      | EXISTING LUMINAIRE                  | —    |  |
| →      | PROPOSED LOOP DETECTOR (TYPE TOR 2) |      |  |
| →      | EXISTING LOOP DETECTOR (TYPE TOR 2) |      |  |

- GENERAL SIGNAL NOTES**
- PROPOSED LOOP DETECTORS (TO BE INSTALLED): TYPE #1 - 6' x 25' - SR 2 WESTBOUND LEFT-TURN MOVEMENT. TYPE #2 - 6' x 25' - DELAWARE PARK DRIVE LEFT-TURN MOVEMENTS. SYSTEM - 6' x 6' - SR 2 RECEIVING LANES.
  - ALL PROPOSED SIGNAL POLES ARE DELDOT MAST ARMS.
  - ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
  - POLE BASES, CONDUIT, JUNCTION WELLS, AND THE CABINET ARE TO BE REMOVED IN ACCORDANCE WITH SECTION 202 AND 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.
  - ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS. SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
  - ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY, AND/OR THE APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY DELDOT TRAFFIC IMMEDIATELY BEFORE CONSTRUCTION.

|                               |                               |  |  |   |
|-------------------------------|-------------------------------|--|--|---|
| RECOMMENDED _____ DATE: _____ | RECOMMENDED _____ DATE: _____ | RECOMMENDED <i>W. J. Bl...</i> DATE: 10/2/15 | APPROVED TRAFFIC ENGINEER <i>D. Jax Saw...</i> DATE: 10/6/15   | APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER <i>W. J. Bl...</i> DATE: 10/6/15   |
|                               |                               | SCALE<br>0 15 30 45<br>FEET                  | CONTRACT T201200701<br>COUNTY NEW CASTLE<br>PERMIT NO. N186 & NCAM164<br>DESIGNED BY: B.S.S. (WRA)<br>CHECKED BY: M.J.B. (WRA) | SHEET NO. 63<br>TOTAL SHTS. 64<br><b>SIGNAL DETAILS</b><br><b>SR 2 (KIRKWOOD HIGHWAY)</b><br><b>@ DELAWARE PARK DRIVE</b> |

| CONDUIT RUN SCHEDULE |               |        |        |       |   |  |
|----------------------|---------------|--------|--------|-------|---|--|
| CO#                  | * OF CONDUITS | SIZE   | LENGTH | B/T/O | AMOUNT AND TYPE OF CABLE/ WIRE  |  |
| *1                   | 1             | 2.0 IN | 3 FT   | -     | EX. (1) 2/*8 U.F. W/GROUND - LINE SIDE  |  |
| *2                   | 1             | 2.0 IN | 21 FT  | -     | EX. (1) 2/*8 U.F. W/GROUND - LOAD SIDE  |  |
| *3                   | 1             | 3.0 IN | 10 FT  | -     | EX. (1) 9/*14, EX. (1) 4/*18  |  |
| *4                   | 3             | 2.5 IN | 6 FT   | -     | EX. (5) 4/*18, EX. (4) 9/*14, <REMOVE EX. (5) 4/*18>, <REMOVE EX. (1) COMM. CABLE>, [NEW (9) 2/*14], [NEW (3) 5/*14], [NEW (3) *6 GRD], [NEW (1) FIBER] |  |
| *5                   | 1             | 2.5 IN | 6 FT   | -     | EX. (3) 4/*18, EX. (2) 9/*14, <REMOVE EX. (5) 4/*18>, <REMOVE EX. (2) COMM. CABLE>, [NEW (9) 2/*14], [NEW (3) 5/*14], [NEW (1) *6 GRD]                  |  |
| *6                   | 1             | 4.0 IN | 93 FT  | -     | EX. (1) 9/*14, EX. (1) 4/*18  |  |
| *7                   | 1             | 3.0 IN | 24 FT  | -     | EX. (1) 9/*14, EX. (1) 4/*18  |  |
| *8                   | 1             | 2.5 IN | 93 FT  | -     | <REMOVE EX. (3) 4/*18>, <REMOVE EX. (1) COMM. CABLE>, [NEW (6) 2/*14], [NEW (1) 5/*14], [NEW (1) *6 GRD]  |  |
| *9                   | 1             | 2.5 IN | 5 FT   | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]   |  |
| *10                  | 1             | 2.5 IN | 57 FT  | -     | <REMOVE EX. (2) 4/*18>, <REMOVE EX. (1) COMM. CABLE>, [NEW (4) 2/*14], [NEW (1) *6 GRD]   |  |
| *11                  | 1             | 2.5 IN | 87 FT  | -     | <REMOVE EX. (1) 4/*18>, <REMOVE EX. (1) COMM. CABLE>  |  |
| *12                  | 1             | 2.5 IN | 41 FT  | -     | <REMOVE EX. (1) COMM. CABLE>  |  |
| *13                  | 1             | 2.5 IN | -      | -     | <REMOVE EX. (1) COMM. CABLE>  |  |
| *14                  | 1             | 2.5 IN | 64 FT  | -     | EX. (1) 4/*18, <REMOVE EX. (2) 4/*18>, <REMOVE EX. (1) COMM. CABLE>, [NEW (3) 2/*14], [NEW (1) *6 GRD]  |  |
| *15                  | 1             | 2.5 IN | 137 FT | -     | <REMOVE EX. (1) 4/*18>, <REMOVE EX. (1) COMM. CABLE>  |  |
| *16                  | 1             | 2.5 IN | -      | -     | <REMOVE EX. (1) COMM. CABLE>  |  |
| *17                  | 1             | 2.5 IN | 58 FT  | -     | EX. (1) 4/*18   |  |
| *18                  | 1             | 2.5 IN | 112 FT | -     | EX. (2) 9/*14, EX. (2) 4/*18, [NEW (1) 5/*14], [NEW (1) *6 GRD]   |  |
| *19                  | 1             | 3.0 IN | 7 FT   | -     | EX. (2) 9/*14, EX. (2) 4/*18  |  |
| *20                  | 1             | 2.5 IN | 17 FT  | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]   |  |
| *21                  | 1             | 4.0 IN | 77 FT  | T     | [NEW (3) 2/*14], [NEW (1) *6 GRD]   |  |
| *22                  | 1             | 2.5 IN | 7 FT   | T     | [NEW (1) 5/*14], [NEW (1) *6 GRD]   |  |
| *23                  | 1             | 2.5 IN | 73 FT  | -     | <REMOVE EX. (1) COMM. CABLE>  |  |
| **54                 | 1             | 4.0 IN | 495 FT | B     | [NEW (1) FIBER]   |  |
| 55                   | 1             | 4.0 IN | 131 FT | B     | [NEW (1) FIBER]   |  |

\* DENOTES EXISTING CONDUIT  
 \*\*CONDUIT NOT EXCLUSIVE TO THIS SIGNAL PLAN  
 B = BORE, T = TRENCH, O = OPEN CUT



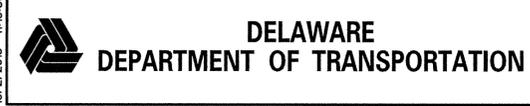
| LEGEND |                                 |                 |   |
|--------|---------------------------------|-----------------|---|
| ■      | PROPOSED SIGNAL CABINET         | ○ (with X)      | REMOVE BY CONTRACTOR                                      |
| □      | EXISTING SIGNAL CABINET         | ○ (with T)      | REMOVE BY TRAFFIC   |
| ○      | PROPOSED SIGNAL POLE BASE       | ○ (with AB)     | ABANDON   |
| ⊗      | EXISTING SIGNAL POLE BASE       | ○ (with PB X)   | PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)         |
| ⊙      | PROPOSED PEDESTRIAN POLE BASE   | ○ (with PB X)   | EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)         |
| ⊖      | EXISTING PEDESTRIAN POLE BASE   | ○ (with J.W. X) | PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL) |
| ⊕      | PROPOSED WOOD POLE              | ○ (with J.W. X) | EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL) |
| ⊖      | EXISTING UTILITY POLE           | ○ (with CO X)   | PROPOSED CONDUIT RUN IDENTIFIER (* OF CONDUIT RUN)        |
| ⊕      | PROPOSED JUNCTION WELL          | ○ (with CO X)   | EXISTING CONDUIT RUN IDENTIFIER (* OF CONDUIT RUN)        |
| J.W.   | EXISTING JUNCTION WELL          | ○ (with OH X)   | PROPOSED OVERHEAD RUN IDENTIFIER (* OF OVERHEAD RUN)      |
| →      | PROPOSED SIGNAL HEAD            | ○ (with OH X)   | EXISTING OVERHEAD RUN IDENTIFIER (* OF OVERHEAD RUN)      |
| →      | EXISTING SIGNAL HEAD            | ○ (with MA X)   | PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)              |
| →      | PROPOSED PEDESTRIAN SIGNAL HEAD | ○ (with MA X)   | EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)              |
| →      | EXISTING PEDESTRIAN SIGNAL HEAD | ○ (with CA X)   | PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)             |
| →      | PROPOSED PEDESTRIAN PUSHBUTTON  | ○ (with CA X)   | EXISTING CABINET IDENTIFIER (TYPE OF CABINET)             |
| →      | EXISTING PEDESTRIAN PUSHBUTTON  | —               | PROPOSED SPAN WIRE  |
| →      | PROPOSED VIDEO DETECTION        | —               | EXISTING SPAN WIRE  |
| →      | EXISTING VIDEO DETECTION        | ---             | RIGHT-OF-WAY OR PROPERTY LINE                             |
| →      | PROPOSED MICROWAVE DETECTION    | ◆               | PROPOSED SPAN INSULATOR                                   |
| →      | EXISTING MICROWAVE DETECTION    | ◇               | EXISTING SPAN INSULATOR                                   |
| →      | OVERHEAD SIGNING                | □               | SERVICE PEDESTAL  |
| →      | PROPOSED OPTICOM RECEIVER       | □               | PROPOSED LOOP DETECTOR (TYPE 1 OR 2)                      |
| →      | EXISTING OPTICOM RECEIVER       | □               | EXISTING LOOP DETECTOR (TYPE 1 OR 2)                      |
| →      | PROPOSED MAST ARM               |                 |   |
| →      | EXISTING MAST ARM               |                 |   |
| →      | PROPOSED LUMINAIRE              |                 |   |
| →      | EXISTING LUMINAIRE              |                 |   |

**GENERAL SIGNAL NOTES**

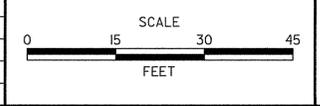
- EXISTING LOOP DETECTORS (TO REMAIN):  
 TYPE #2 - 6' x 25' - DRIVEWAY LEFT-TURN/THROUGH MOVEMENTS.  
 PROPOSED LOOP DETECTORS (TO BE INSTALLED):  
 TYPE #2 - 6' x 25' - SR 2 WESTBOUND LEFT-TURN MOVEMENT.  
 TYPE #2 - 8' x 25' - SR 2 EASTBOUND LEFT-TURN MOVEMENT.  
 TYPE #2 - 8' x 25' - MILLTOWN ROAD LEFT-TURN/THROUGH AND RIGHT-TURN MOVEMENTS.  
 SYSTEM - 6' x 6' - SR 2 RECEIVING LANES.
- ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
- CONDUIT JUNCTION WELLS ARE TO BE REMOVED IN ACCORDANCE WITH SECTION 202 AND 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.
- ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS. SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY, AND/OR THE APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY DELDOT TRAFFIC IMMEDIATELY BEFORE CONSTRUCTION.

- NOTES:**
- ALL PEDESTRIAN SIGNALS SHALL CONTAIN PEDESTRIAN COUNTDOWN DISPLAYS.
  - DELDOT TRAFFIC/TMC SHALL MODIFY THE SIGNAL PHASING, AS SHOWN.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND REMOVAL OF ALL UNDERGROUND SIGNAL EQUIPMENT - E.G., JUNCTION WELLS, POLE BASES, AND CONDUIT. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND REMOVAL OF ALL ELECTRICAL CABLES AND ABOVE GROUND SIGNAL EQUIPMENT - E.G., HEADS, POLES AND PEDESTRIAN SIGNALS/PUSHBUTTONS.
  - DELDOT TRAFFIC SHALL INSTALL THE PUSHBUTTON SO THAT FACE OF THE PUSHBUTTON IS PARALLEL WITH THE CROSSING, AS SHOWN.
  - PROPOSED POLE BASES SUPPORTING POLES WITH PEDESTRIAN PUSHBUTTONS SHALL BE CONSTRUCTED IMMEDIATELY ADJACENT TO THE FLAT (50:1 FLATTER) LANDING AREA OF THE CURB RAMP OR SIDEWALK IN ACCORDANCE WITH CURRENT ADA BEST PRACTICES. THESE POLE BASES SHALL BE FLUSH WITH THE ADJOINING LANDING AREA. THE PEDESTRIAN PUSHBUTTON SHALL BE INSTALLED AT A HEIGHT OF 42 TO 48 INCHES ABOVE THE LANDING AREA/SIDEWALK, AND SHALL BE LOCATED SUCH THAT THE MAXIMUM REACH DISTANCE IS 10 INCHES FROM THE LANDING AREA TO THE FACE OF THE PUSHBUTTON. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 7 FEET OR MORE THAN 10 FEET ABOVE SIDEWALK LEVEL.
  - DELDOT TRAFFIC SHALL INSTALL BACKPLATES ON PROPOSED SIGNAL HEADS NOS. 1-8.
  - DELDOT'S TRAFFIC CONTRACTOR SHALL INSTALL A 6' PEDESTAL POLE WITH ONE-BUTTON ASSEMBLY.
  - ALL CONDUITS SHALL BE SCHEDULE 80 PVC WHEN INSTALLED BY TRENCHING AND SCHEDULE 80 HDPE WHEN INSTALLED BY BORING, UNLESS OTHERWISE NOTED.
  - DELDOT TRAFFIC SHALL REPLACE EXISTING SIGNAL HEADS 9A AND 11A WITH PROPOSED SIGNAL HEADS 9 AND 11, RESPECTIVELY.

RECOMMENDED \_\_\_\_\_ DATE: \_\_\_\_\_ RECOMMENDED \_\_\_\_\_ DATE: \_\_\_\_\_ RECOMMENDED *W. J. Z...* DATE: 10/2/15 APPROVED TRAFFIC ENGINEER *John S. Smith* DATE: 10/6/15 APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER *W. J. Z...* DATE: 10/6/15



| ADDENDUM / REVISIONS |  |
|----------------------|--|
|                      |  |
|                      |  |



HEP NCC, SR2, WOLLASTON ROAD TO MILLTOWN ROAD

|            |                           |             |
|------------|---------------------------|-------------|
| CONTRACT   | PERMIT NO.                | <b>N152</b> |
| T201200701 | DESIGNED BY: B.S.S. (WRA) |             |
| COUNTY     | CHECKED BY: M.J.B. (WRA)  |             |
| NEW CASTLE |                           |             |

|   |  |             |
|---|--|-------------|
| <b>SIGNAL DETAILS</b>                   |  | SHEET NO.   |
| SR 2 (KIRKWOOD HIGHWAY) @ MILLTOWN ROAD |  | 64          |
|   |  | TOTAL SHTS. |
|   |  | 64          |

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