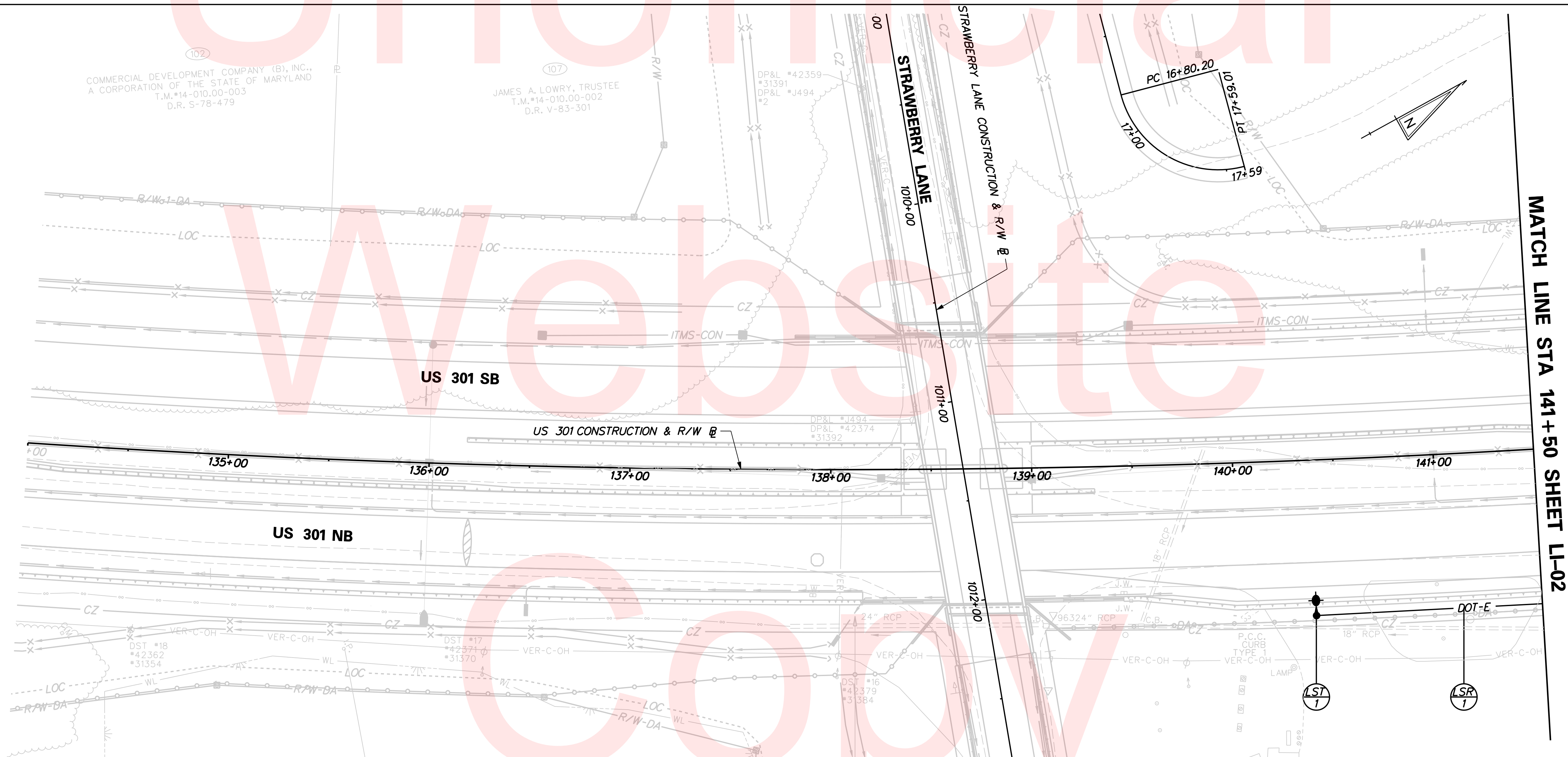


PROJECT LIGHTING NOTES:

- ALL OFFSET AND COBRA HEAD LIGHTING STANDARD POLE BASES SHALL BE TYPE 6.
- SERVICE RUNS ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL LOCATE THE SERVICE RUNS IN A MANNER THAT AVOIDS CONFLICTS WITH ALL EXISTING AND PROPOSED FEATURES AS FIELD CONDITIONS DICTATE AND AS APPROVED BY THE ENGINEER.
- STATIONS AND OFFSETS NOTED IN THE LIGHTING STANDARD SCHEDULES ARE GIVEN TO THE CENTER OF THE POLE.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL THE CONTRACTORS INVOLVED ON THIS PROJECT. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND THE GENERAL SUPERINTENDENT THE LOCATIONS OF ALL CONDUIT AND POLE BASES TO ELIMINATE CONSTRUCTION CONFLICTS.
- BURIED ELECTRICAL CABLE AND CONDUIT, AND OTHER UTILITIES MAY EXIST THROUGHOUT THIS PROJECT. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PREVENTING DAMAGE TO THEM, AND MAINTAINING THEM IN SERVICE WHEN AND WHERE REQUIRED. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES BY HAND EXCAVATION PRIOR TO TRENCHING BY MACHINE.
- TERMINATE ALL CONDUITS WHEN ENTERING ENCLOSURES WITH LOCKNUT AND BONDING BUSHINGS. ALL RGS CONDUITS SHALL BE BONDED WITH THE GROUND WIRE.
- COLOR CODING SHALL BE PROVIDED THROUGHOUT THE ENTIRE NETWORK FOR SERVICE, FEEDER, BRANCH AND CONTROL CONDUCTORS. EACH PHASE SHALL BE AN INDEPENDENT COLOR. CONDUCTORS SHALL HAVE FACTORY IMPREGNATED COLOR THROUGHOUT THEIR ENTIRE LENGTH. PHASE TAPING IS NOT PERMITTED.
- ALL LIGHTING POLE BASES OUTSIDE THE LIMITS OF PROPOSED PAVEMENT TO BE REMOVED SHALL BE REMOVED TO A MINIMUM OF 12 INCHES BELOW PROPOSED GRADE. ALL LIGHTING POLE BASES INSIDE THE LIMITS OF PROPOSED PAVEMENT TO BE REMOVED SHALL BE REMOVED TO A MINIMUM OF 12 INCHES BELOW THE SUBGRADE ELEVATION.
- ALL FUSED CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE. SPLICES IN JUNCTION WELLS, JUNCTION AND PULL BOXES SHALL NOT BE FUSED.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE PRIOR TO WORK.
- ALL CONDUITS, JUNCTION WELLS, LIGHTING STANDARDS, ETC. SHALL BE STAKED OUT AND EVERY LOCATION APPROVED BY THE ENGINEER BEFORE ANY WORK IS DONE.
- ALL GROUNDING CONDUCTORS IN PROPOSED UNDERGROUND CONDUITS SHALL BE STRANDED COPPER WITH SIZE AS NOTED IN THE LIGHTING SERVICE SCHEDULE.
- THE CONTRACTOR SHALL VERIFY THE OPERATING VOLTAGE OF ALL CIRCUITS OF THE EXISTING LIGHTING SYSTEMS THAT ARE BEING TIED INTO TO ENSURE COMPATIBILITY WITH PROPOSED LUMINAIRES.
- THE CONTRACTOR SHALL VERIFY THE OPERATING CIRCUIT AND PHASE OF ALL EXISTING ROADWAY LIGHTING EQUIPMENT WHERE THE ELECTRICAL SERVICE IS BEING INTERRUPTED. THE EXISTING ROADWAY EQUIPMENT SHALL BE RECONNECTED TO THE SAME CIRCUIT AND PHASE AS IS EXISTING UNLESS OTHERWISE NOTED ON THE PLANS.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF LIGHTING CONDUITS WITH ITMS CONDUITS. ITMS AND LIGHTING CONDUITS MAY SHARE A COMMON TRENCH BUT SHALL NOT SHARE COMMON JUNCTION WELLS.
- EXISTING ROADWAY LIGHTING CONDUITS SHALL BE EXISTING TO REMAIN UNLESS NOTED OTHERWISE ON THE PLANS.
- SPLICES FOR ALL ROADWAY LIGHTING ELECTRICAL CABLES, INCLUDING RE-CONNECTION OF EXISTING IMPACTED ELECTRICAL CABLES, SHALL BE COMPLETED USING APPROVED SPLICE KITS OR METHODS APPROVED BY THE ENGINEER AND SHALL BE INCIDENTAL TO THE SUPPLY AND INSTALLATION OF VARIOUS ROADWAY LIGHTING ELECTRICAL CABLES.
- POLE NUMBERS, CIRCUITS AND CABLE SIZES FOR EXISTING ROADWAY LIGHTING OBTAINED FROM DELDOT CONTRACT NOS. 23-500-38 AND 25-128-04.
- UNDERGROUND CONDUITS SHALL BE SLOPED TO DRAIN TO THE NEAREST JUNCTION WELL. IF THIS CANNOT BE ACCOMPLISHED, PROVIDE A DRAINAGE TEE AT THE LOW POINT OF CONDUIT RUN. DRAINAGE TEES SHALL BE INCIDENTAL TO CONDUIT ITEMS.
- PAYMENT FOR THE RELOCATION OR REMOVAL OF EXISTING FEATURES SHALL BE MADE UNDER THE FOLLOWING ITEMS:
211000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS (LS) - FOR CONDUIT REMOVAL
744519 - RELOCATION OF EXISTING JUNCTION WELL (EA)
746509 - RELOCATING LIGHT POLE (EA)
- IN ADDITION TO THE CONDUIT LENGTHS IN THE SCHEDULES, AN ADDITIONAL 10' LENGTH OF CABLE SHALL BE ADDED PER JUNCTION WELL LEFT IN A LOOP. AN ADDITIONAL 6' LENGTH OF CABLE SHALL BE ADDED AT EACH LIGHTING STANDARD LOCATION TO ACCOUNT FOR THE LENGTH OF CABLE EXTENDING INTO THE POLE BASE AND BACK DOWN TO CONTINUE THE LIGHTING CIRCUIT.
- IF AN UNDERGROUND UTILITY IS DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF THE UTILITY. ANY DAMAGED SUSTAINED TO UTILITIES ABOVE OR BELOW GROUND SHALL BE REPAIRED BY THE CONTRACTOR UNDER THE DIRECTION OF THE UTILITY OWNER AT THE CONTRACTOR'S EXPENSE. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR BACKFILL AN EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNER.
- ALL JUNCTION WELL LIDS AND FRAMES SHALL BE BONDED TO THE GROUND WIRE.
- ALL PROPOSED OFFSET AND COBRA LIGHTING STANDARDS SHALL BE INSTALLED WITH BREAKAWAY TRANSFORMER BASES, WHETHER PROTECTED OR UNPROTECTED, UNLESS OTHERWISE NOTED.
- THE I.D. TAGS ON THE EXISTING LIGHTING POLES SHALL BE REPLACED WITH THE INFORMATION SHOWING THE NEW CIRCUIT NAMES, LIGHTING STANDARD NUMBERS, AND LAMP WATTAGES. NEW I.D. TAGS SHALL BE ATTACHED ON THE NEW LIGHTING POLES SHOWING THE SAME INFORMATION.



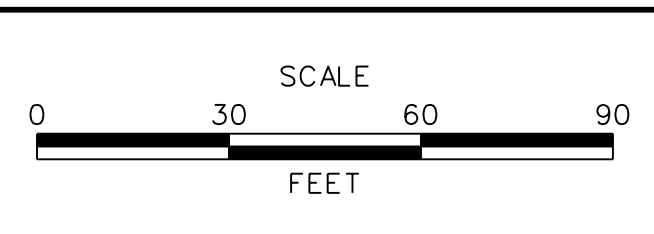
| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|------------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 1 | A | 140+39 | 77.5 RT. | - | 40FT W/250W HPS OFFSET |

| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 1 | 155.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |

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| ADDENDUMS / REVISIONS | |
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US 301 MARYLAND STATE LINE TO LEVELS ROAD

| | |
|------------------------|-----------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: ML |
| | CHECKED BY: JM |

LIGHTING PLAN

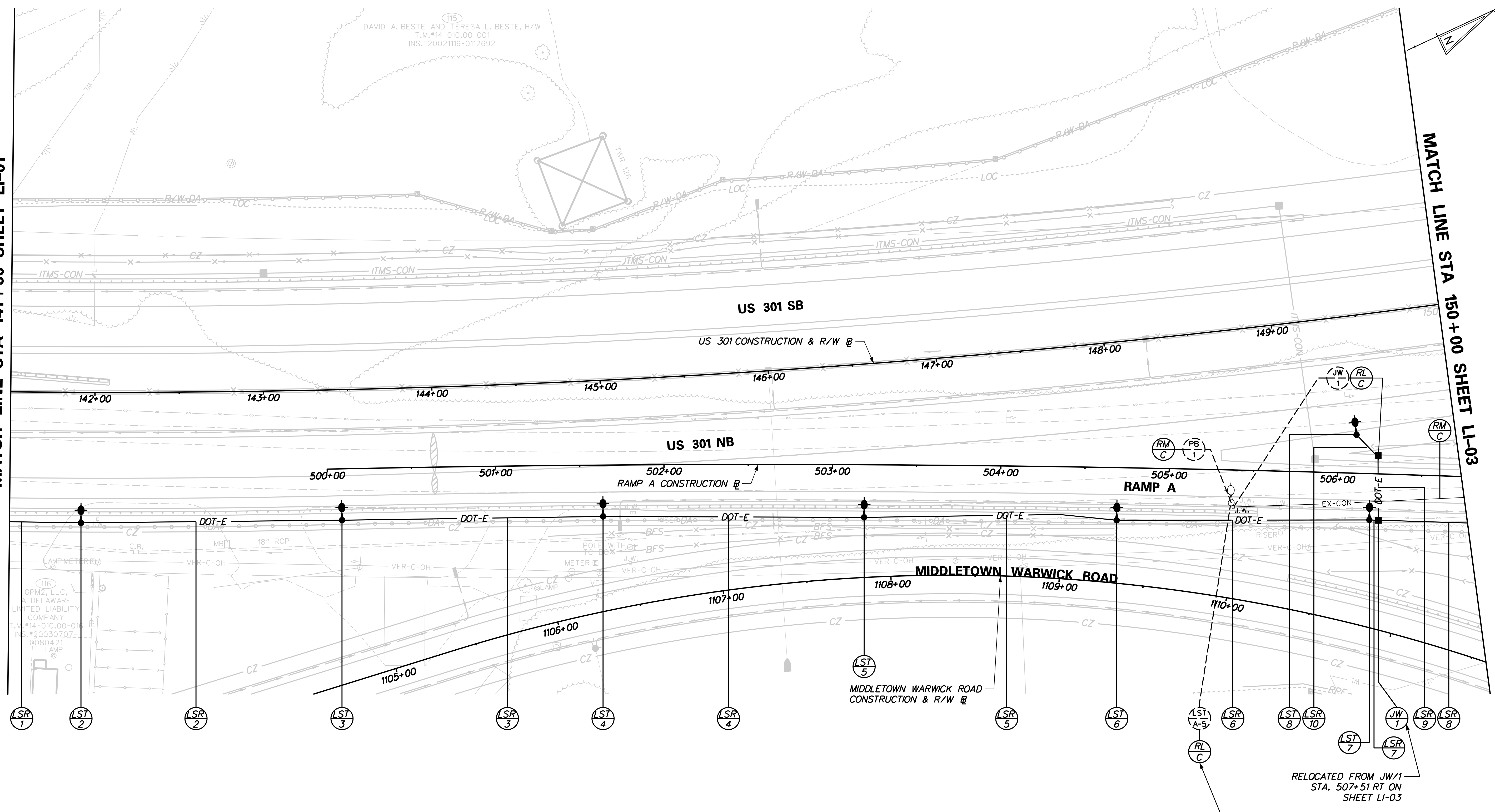
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| SHEET NO. | 666 |
| TOTAL SHTS. | 850 |

LI-01

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MATCH LINE STA 141+50 SHEET LI-01

MATCH LINE STA 150+00 SHEET LI-03



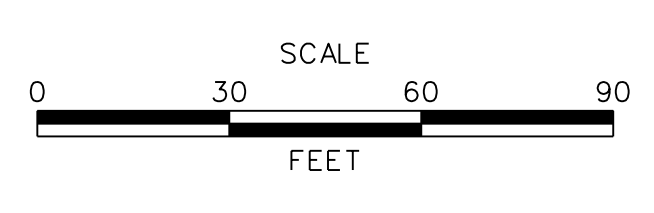
| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|------------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 2 | A | 141+92 | 77.5 RT. | - | 40FT W/250W HPS OFFSET |
| 3 | A | 500+08 | 30.5 RT. | - | 40FT W/250W HPS OFFSET |
| 4 | A | 501+64 | 30.5 RT. | - | 40FT W/250W HPS OFFSET |
| 5 | A | 503+19 | 31.3 RT. | - | 40FT W/250W HPS OFFSET |
| 6 | A | 504+69 | 31.3 RT. | - | 40FT W/250W HPS OFFSET |
| 7 | A | 506+20 | 27.5 RT. | - | 40FT W/250W HPS OFFSET |
| 8 | A | 149+42 | 70.6 RT. | - | 40FT W/250W HPS OFFSET |

| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 2 | 155.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 3 | 155.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 4 | 155.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 5 | 150.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 6 | 150.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 7 | 4.2 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 8 | 143.7 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 9 | 32.3 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 10 | 20.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |

RELOCATED FROM JW/1 STA. 507+51 RT ON SHEET LI-03
 RELOCATE TO LIGHTING STANDARD 9 ON SHEET LI-03



| ADDENDUMS / REVISIONS | |
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US 301
MARYLAND STATE LINE
TO LEVELS ROAD

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|------------------------|-----------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: ML |
| | CHECKED BY: JM |

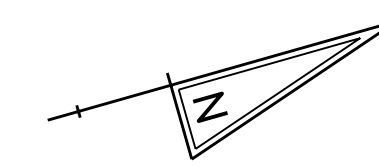
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|----------------------|--------------------|
| LIGHTING PLAN | SHEET NO. 667 |
| | TOTAL SHTS. 850 |

LI-02

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|-------------------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 9 | A | 507+70 | 27.5 RT. | - | EXIST. 35FT W/250W HPS OFFSET |
| 10 | A | 509+20 | 27.5 RT. | - | EXIST. 35FT W/250W HPS OFFSET |
| 11 | A | 510+70 | 9.5 LT. | - | EXIST. 35FT W/250W HPS OFFSET |
| 12 | A | 512+21 | 9.2 LT. | - | EXIST. 35FT W/250W HPS OFFSET |

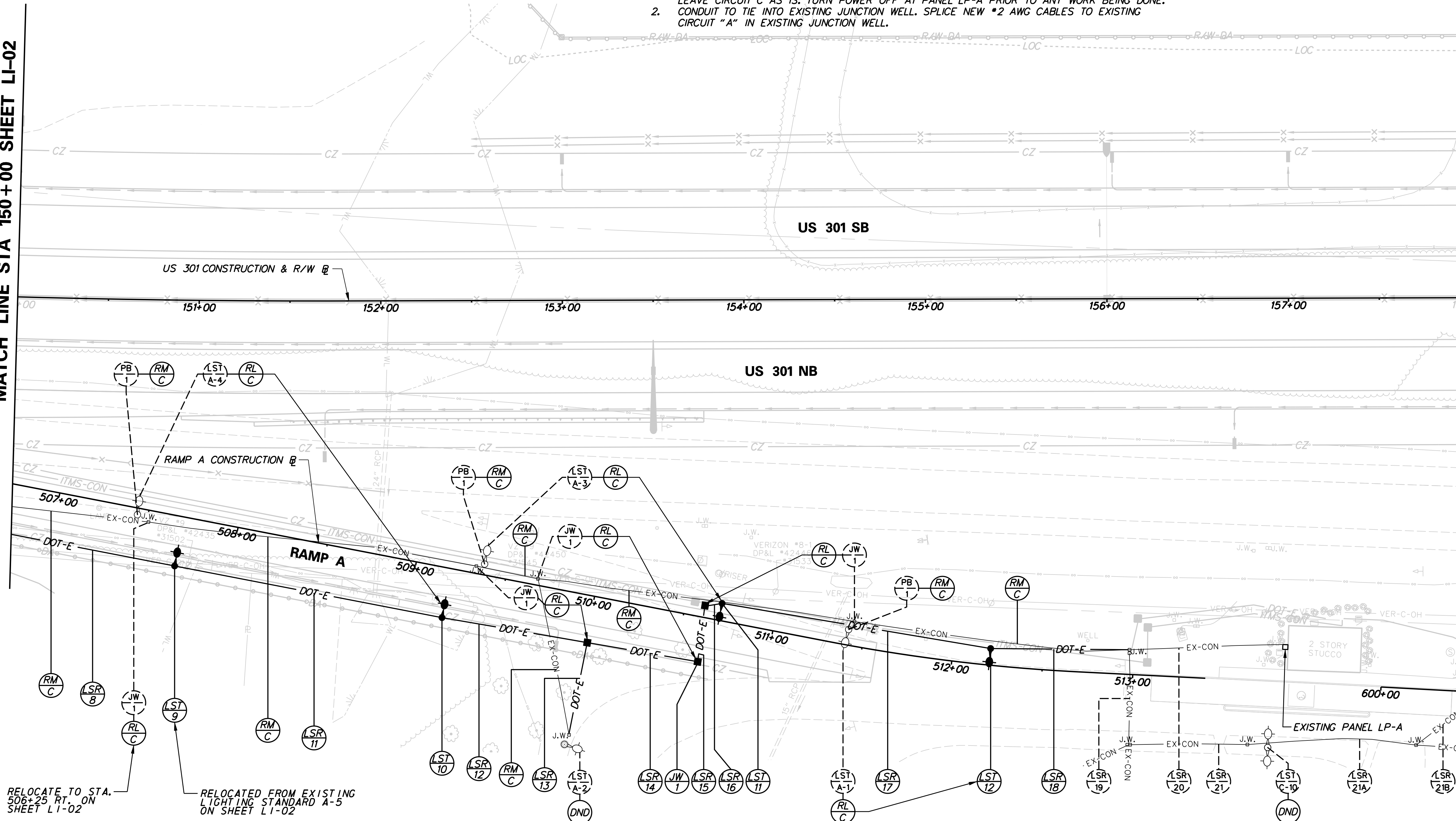
| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|-----------------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 11 | 150.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 12 | 80.1 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 13 | 50.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH (NOTE 2) |
| 14 | 59.6 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 15 | 29.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 16 | 8.5 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 17 | 150.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 18 | 75.7 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH (NOTE 2) |
| 19 | 50.4 | 2 #2/0 & 1 #2/0 GND IN EXIST. CONDUIT | EXIST. COND. (NOTE 1) |
| 20 | 84.6 | 2 #2/0 & 1 #2/0 GND IN EXIST. CONDUIT | EXIST. COND. (NOTE 1) |
| 21 | 66.0 | 2 #2/0 & 1 #2/0 GND IN EXIST. CONDUIT | EXIST. COND. (NOTE 1) |
| 21A | 93.0 | 2 #2/0 & 1 #2/0 GND IN EXIST. CONDUIT | EXIST. COND. (NOTE 1) |
| 21B | 99.0 | 2 #2/0 & 1 #2/0 GND IN EXIST. CONDUIT | EXIST. COND. |

- NOTES:
- REMOVE EXISTING CIRCUIT D CABLES AND INSTALL NEW CABLES AS SHOWN FOR CIRCUIT D. LEAVE CIRCUIT C AS IS. TURN POWER OFF AT PANEL LP-A PRIOR TO ANY WORK BEING DONE.
 - CONDUIT TO TIE INTO EXISTING JUNCTION WELL. SPLICE NEW #2 AWG CABLES TO EXISTING CIRCUIT "A" IN EXISTING JUNCTION WELL.



MATCH LINE STA 150+00 SHEET LI-02

MATCH LINE STA 158+00 SHEET LI-04



RELOCATE TO STA. 506+25 RT. ON SHEET LI-02

RELOCATED FROM EXISTING LIGHTING STANDARD A-5 ON SHEET LI-02

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| ADDENDUMS / REVISIONS |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

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|------------------------|-----------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: ML |
| | CHECKED BY: JM |

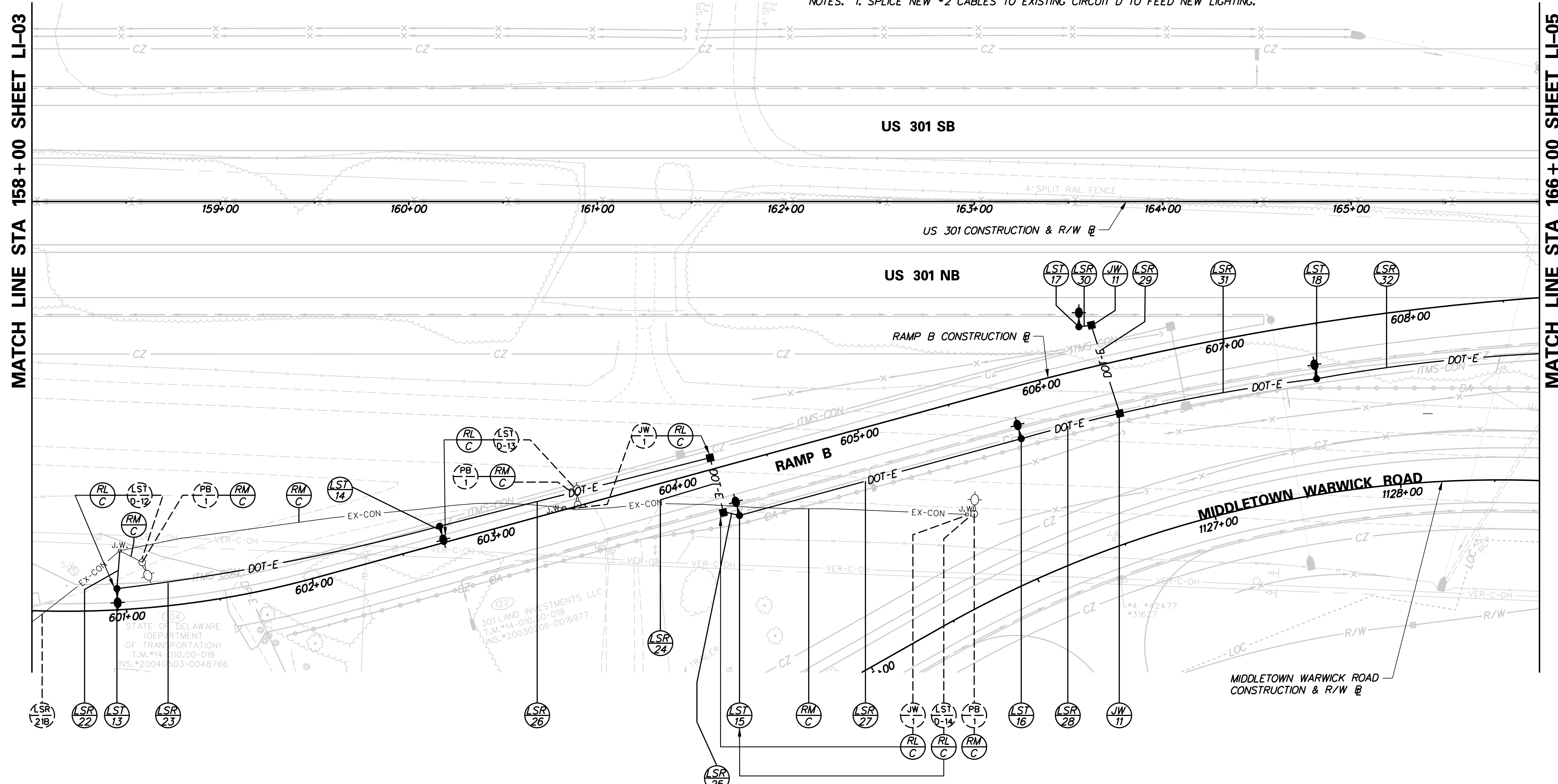
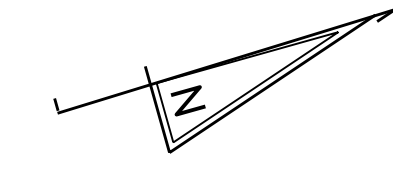
LIGHTING PLAN

| | |
|-------|--------------------|
| LI-03 | SHEET NO. 668 |
| | TOTAL SHTS. 850 |

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|-------------------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 13 | D | 600+96 | 11.3 LT. | - | EXIST. 35FT W/250W HPS OFFSET |
| 14 | D | 602+73 | 10.3 LT. | - | EXIST. 35FT W/250W HPS OFFSET |
| 15 | D | 604+28 | 27.5 RT. | - | EXIST. 35FT W/250W HPS OFFSET |
| 16 | D | 605+83 | 27.6 RT. | - | 40FT W/250W HPS OFFSET |
| 17 | D | 163+56 | 66.5 RT. | - | 40FT W/250W HPS OFFSET |
| 18 | D | 607+46 | 29.3 RT. | - | 40FT W/250W HPS OFFSET |

| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|-----------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 22 | 19.4 | 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC COND. | TRENCH (NOTE 1) |
| 23 | 167.0 | 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC COND. | TRENCH |
| 24 | 27.8 | 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC COND. | TRENCH |
| 25 | 7.7 | 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC COND. | TRENCH |
| 26 | 145.0 | 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC COND. | TRENCH |
| 27 | 155.0 | 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC COND. | TRENCH |
| 28 | 52.9 | 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC COND. | TRENCH |
| 29 | 47.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 30 | 5.6 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 31 | 105.0 | 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC COND. | TRENCH |
| 32 | 150.0 | 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC COND. | TRENCH |

NOTES. 1. SPLICE NEW #2 CABLES TO EXISTING CIRCUIT D TO FEED NEW LIGHTING.



MATCH LINE STA 158+00 SHEET LI-03

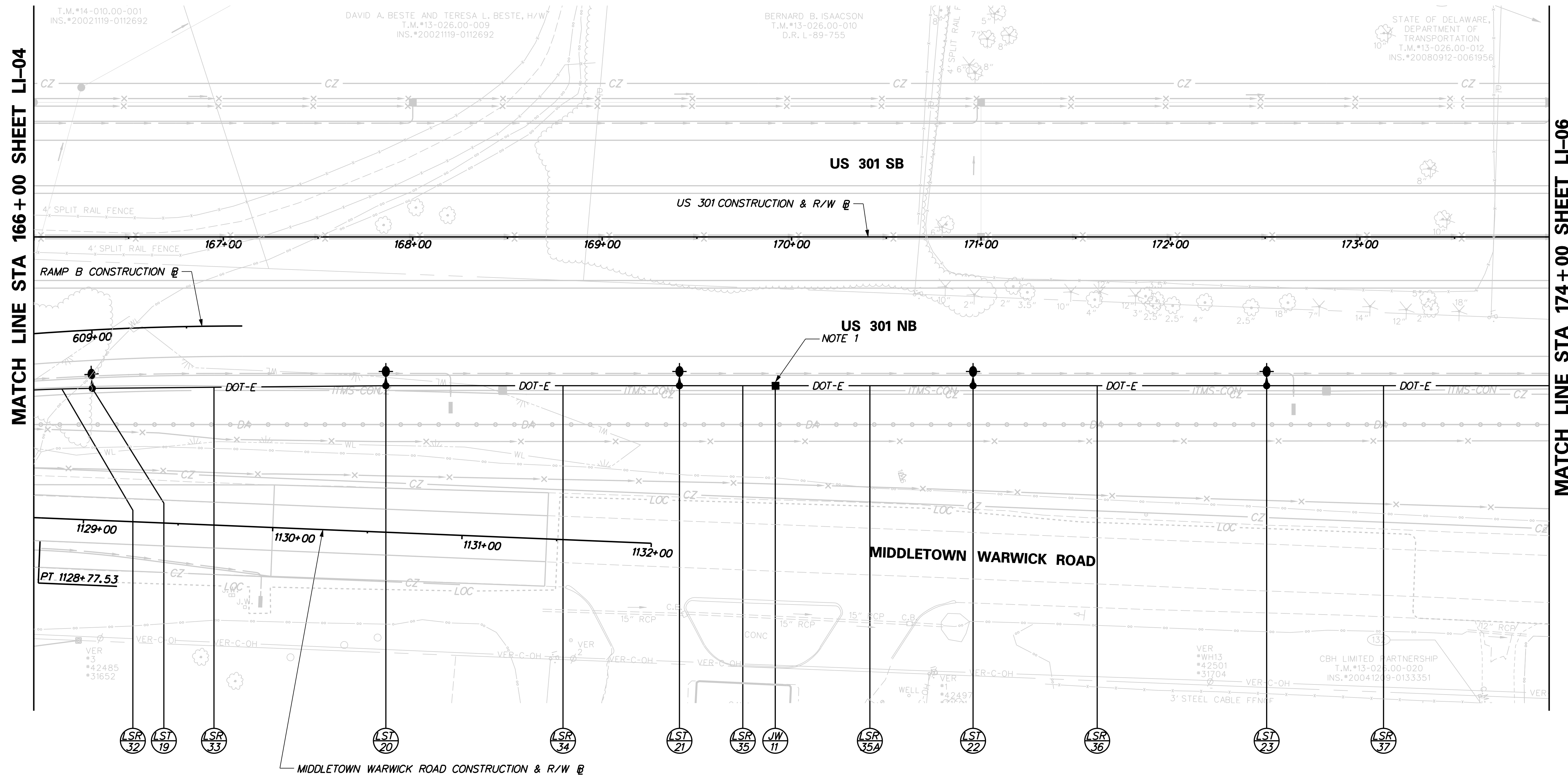
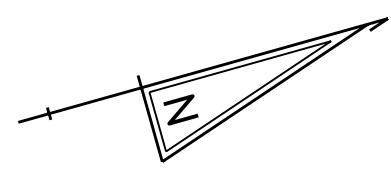
MATCH LINE STA 166+00 SHEET LI-05

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| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|------------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 19 | D | 608+99 | 30.8 RT. | - | 40FT W/250W HPS OFFSET |
| 20 | D | 167+86 | 78.5 RT. | - | 40FT W/250W HPS OFFSET |
| 21 | D | 169+41 | 78.5 RT. | - | 40FT W/250W HPS OFFSET |
| 22 | D | 170+96 | 78.5 RT. | - | 40FT W/250W HPS OFFSET |
| 23 | D | 172+51 | 78.5 RT. | - | 40FT W/250W HPS OFFSET |

| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|---|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 33 | 155.0 | 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CON. | TRENCH |
| 34 | 155.0 | 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CON. | TRENCH |
| 35 | 51.0 | 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CON. | TRENCH |
| 35A | 105.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 36 | 155.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 37 | 155.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |

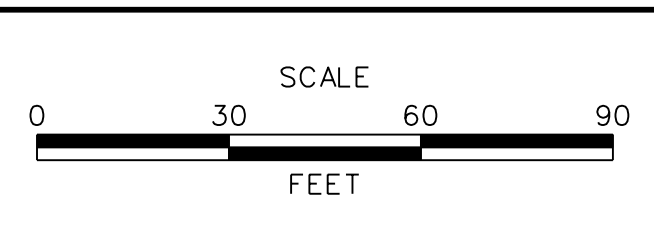
NOTES. 1. CABLES TO BE SPLICED FROM #2/0 TO #2 IN JUNCTION WELL.



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| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

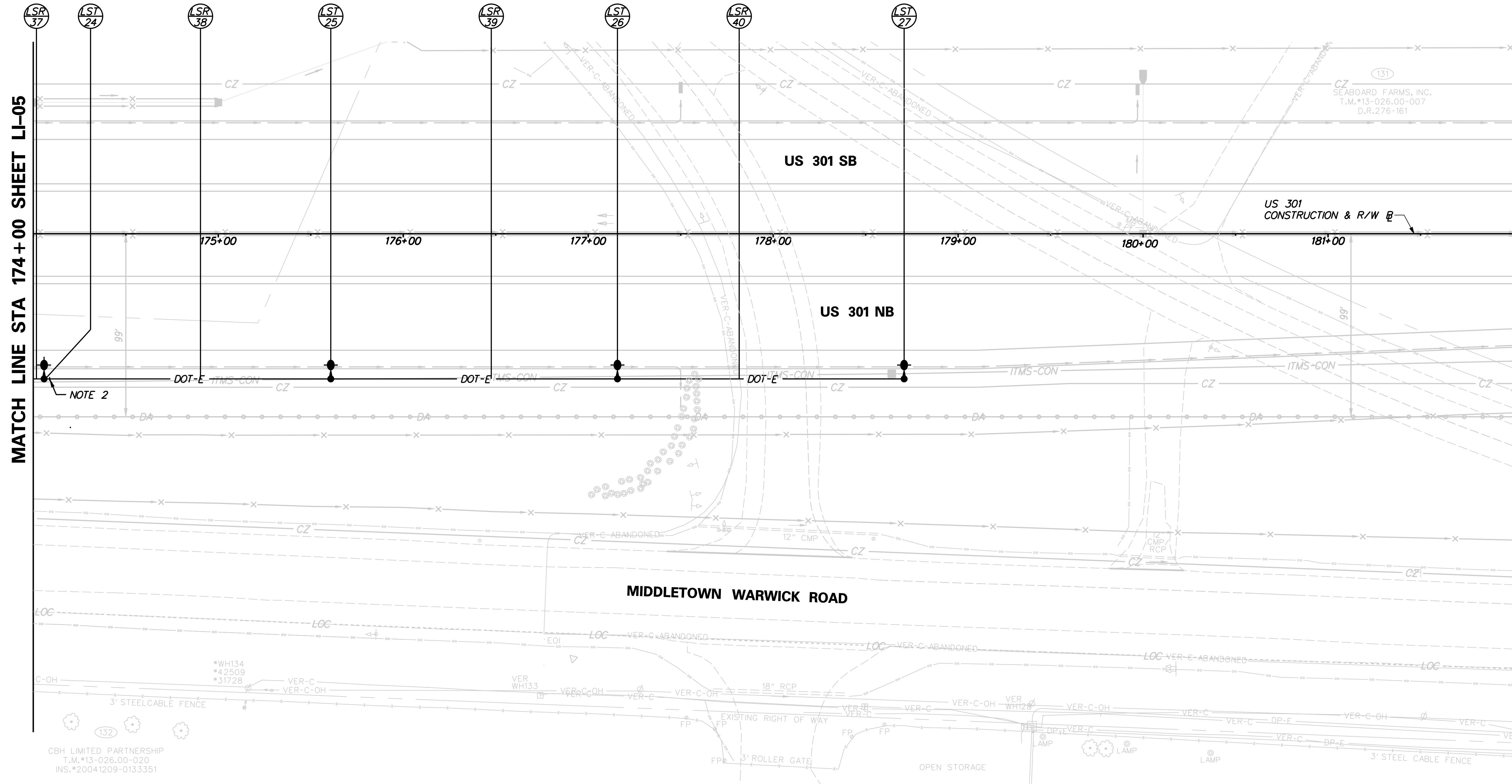
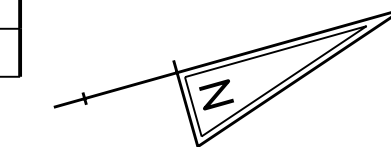
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| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: ML |
| NEW CASTLE | CHECKED BY: JM |

LIGHTING PLAN

| | |
|--------------|-----|
| LI-05 | |
| SHEET NO. | 670 |
| TOTAL SHTS. | 850 |

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|---------------------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 24 | D | 174+06 | 78.5 RT. | - | 40FT W/250W HPS OFFSET |
| 25 | D | 175+61 | 78.5 RT. | - | 40FT W/250W HPS OFFSET (NOTE 1) |
| 26 | D | 177+16 | 78.5 RT. | - | 40FT W/250W HPS OFFSET (NOTE 1) |
| 27 | D | 178+71 | 78.5 RT. | - | 40FT W/250W HPS OFFSET (NOTE 1) |

| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|-----------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 38 | 155.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH (NOTE 1) |
| 39 | 155.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH (NOTE 1) |
| 40 | 155.0 | 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH (NOTE 1) |



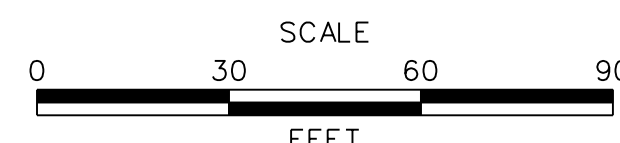
NOTE:

- LIGHTING SERVICE RUNS AND STANDARDS ARE SHOWN FOR INFORMATION ONLY AND ARE TO BE INSTALLED UNDER CONTRACT T200911303.
- LEAVE CONDUIT STUB EXTENDING 3'-0" FROM POLE FOUNDATION TO ALLOW FOR FUTURE CONNECTION OF POLES LST-25, LST-26, AND LST-27 UNDER CONTRACT T200911303.

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ADDENDUMS / REVISIONS



**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

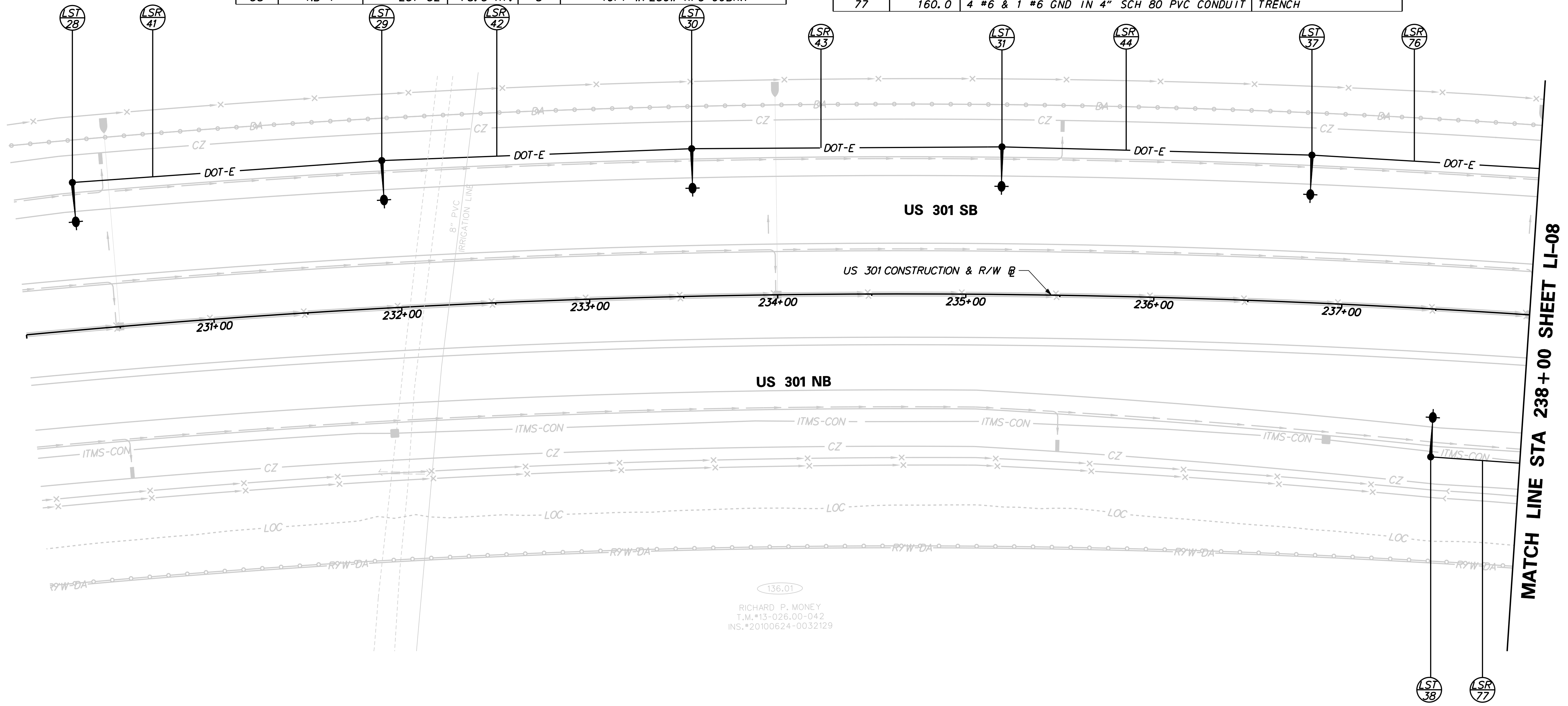
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| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: ML |
| NEW CASTLE | CHECKED BY: JM |

LIGHTING PLAN

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|--------------|
| LI-06 |
| SHEET NO. |
| 671 |
| TOTAL SHTS. |
| 850 |

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|-----------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 28 | SB-6 | 230+31 | 78.5 LT. | 8 | 40FT W/250W HPS COBRA |
| 29 | SB-4 | 231+94 | 78.5 LT. | 8 | 40FT W/250W HPS COBRA |
| 30 | SB-2 | 233+56 | 78.5 LT. | 8 | 40FT W/250W HPS COBRA |
| 31 | SB-6 | 235+18 | 78.5 LT. | 8 | 40FT W/250W HPS COBRA |
| 37 | SB-4 | 236+81 | 78.5 LT. | 8 | 40FT W/250W HPS COBRA |
| 38 | NB-4 | 237+52 | 78.5 RT. | 8 | 40FT W/250W HPS COBRA |

| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 41 | 165.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 42 | 165.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 43 | 165.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 44 | 165.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 76 | 164.9 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 77 | 160.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |



136.01
 RICHARD P. MONEY
 T.M.*13-026.00-042
 INS.*20100624-0032129

MATCH LINE STA 238+00 SHEET LI-08

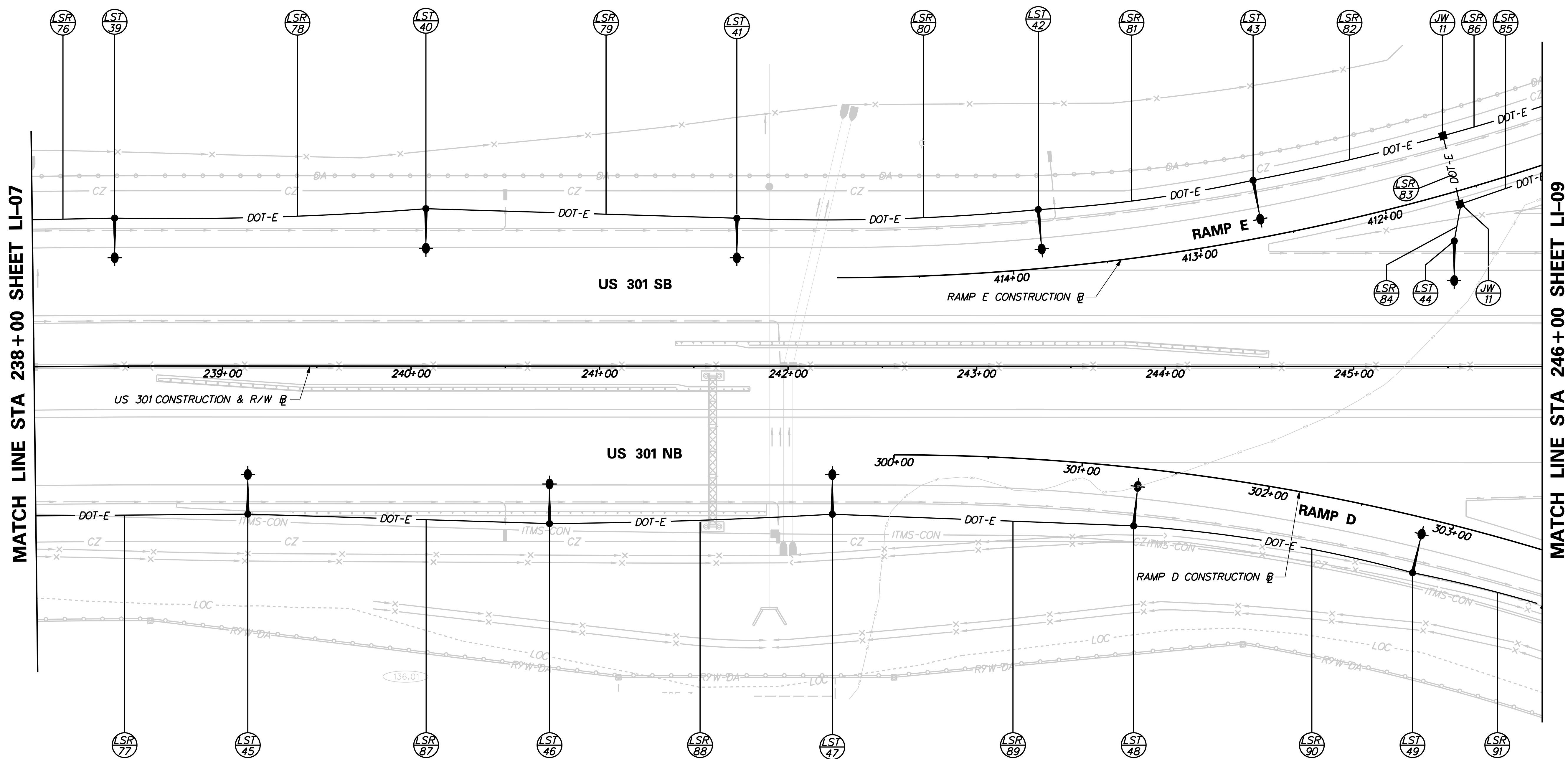
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|--|-----------------------|-----------|--|--|------------------------|-----------------|----------------------|------------------|
| | ADDENDUMS / REVISIONS | SCALE | US 301 MARYLAND STATE LINE TO LEVELS ROAD | | CONTRACT T200811301 | BRIDGE NO. | LIGHTING PLAN | SHEET NO. 672 |
| | | | | | NEW CASTLE | DESIGNED BY: ML | | CHECKED BY: JM |

LI-07

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|-----------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 39 | SB-2 | 238+43 | 78.5 LT. | 8 | 40FT W/250W HPS COBRA |
| 40 | SB-6 | 240+08 | 83.5 LT. | 8 | 40FT W/250W HPS COBRA |
| 41 | SB-4 | 241+73 | 78.5 LT. | 8 | 40FT W/250W HPS COBRA |
| 42 | SB-2 | 413+84 | 31.2 RT. | 8 | 40FT W/250W HPS COBRA |
| 43 | SB-6 | 412+66 | 30.7 RT. | 8 | 40FT W/250W HPS COBRA |
| 44 | SB-2 | 245+53 | 66.5 LT. | 8 | 40FT W/250W HPS COBRA |

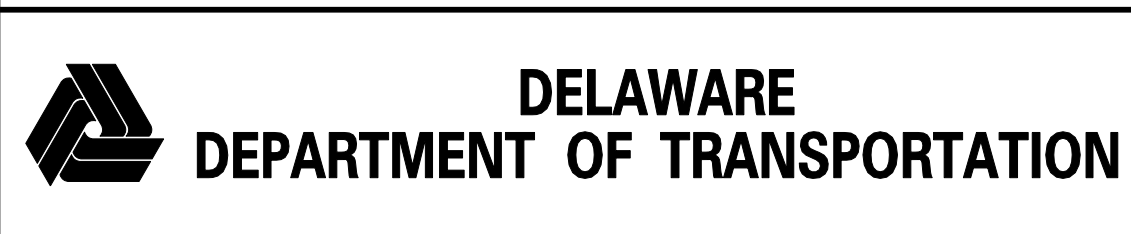
| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 78 | 165.2 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 79 | 165.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 80 | 160.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 81 | 115.1 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 82 | 102.3 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 83 | 35.3 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 84 | 19.0 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 85 | 224.7 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 86 | 70.7 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |



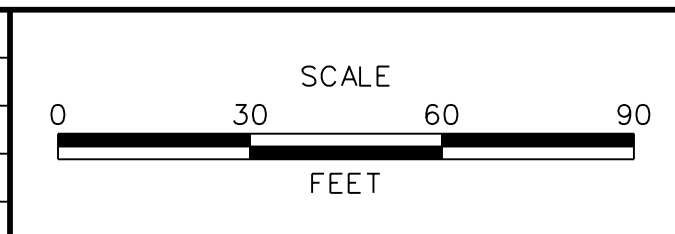
| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|-----------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 45 | NB-2 | 239+13 | 78.5 RT. | 8 | 40FT W/250W HPS COBRA |
| 46 | NB-6 | 240+73 | 83.5 RT. | 8 | 40FT W/250W HPS COBRA |
| 47 | NB-4 | 242+23 | 78.5 RT. | 8 | 40FT W/250W HPS COBRA |
| 48 | NB-2 | 301+31 | 30.7 RT. | 8 | 40FT W/250W HPS COBRA |
| 49 | NB-6 | 302+85 | 29.7 RT. | 8 | 40FT W/250W HPS COBRA |

| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 87 | 160.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 88 | 150.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 89 | 160.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 90 | 150.2 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 91 | 100.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |

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| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

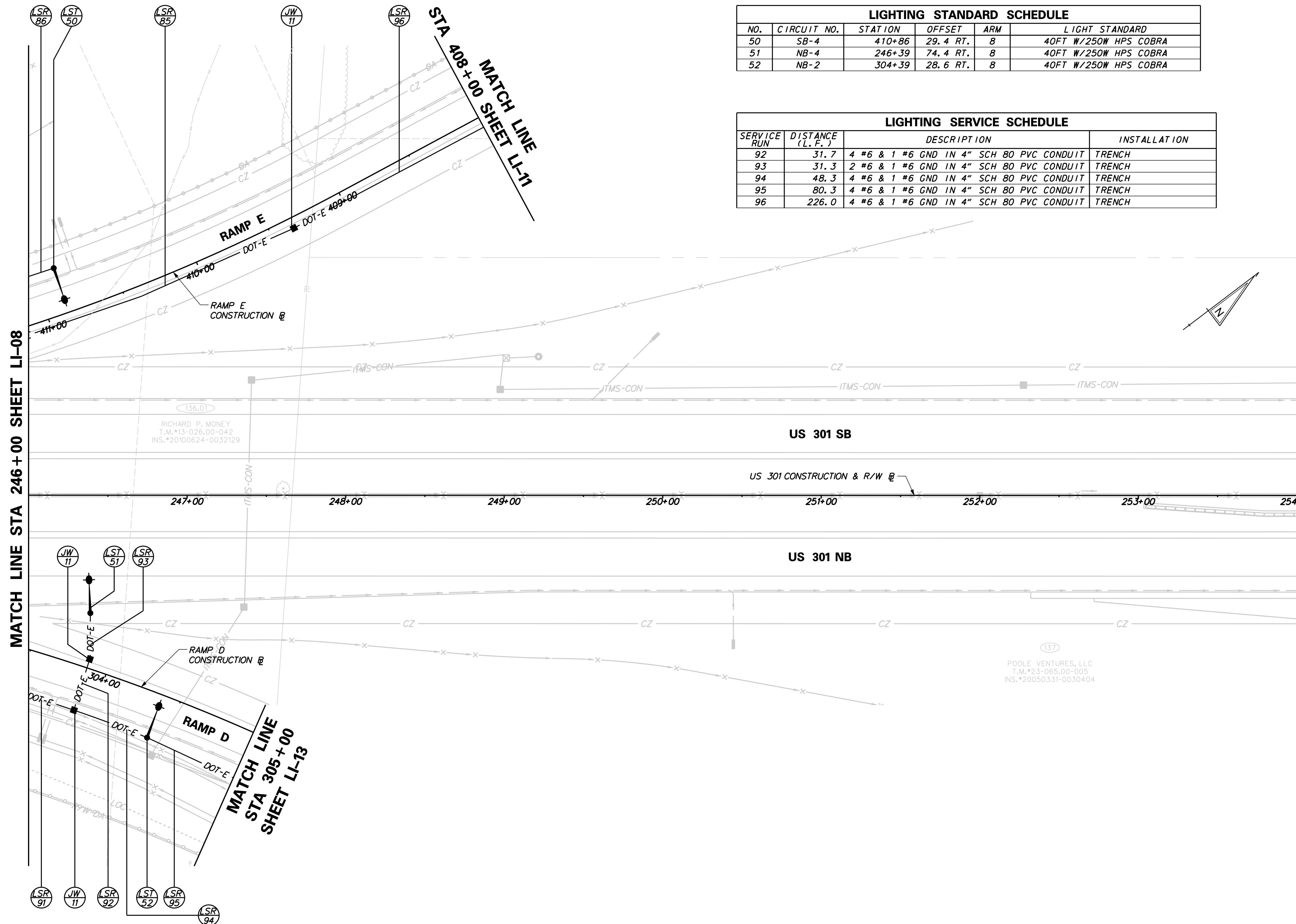
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| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: ML |
| | CHECKED BY: JM |

LIGHTING PLAN

| |
|--------------------|
| LI-08 |
| SHEET NO. 673 |
| TOTAL SHTS. 850 |

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|-----------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 50 | SB-4 | 410+86 | 29.4 RT. | 8 | 40FT W/250W HPS COBRA |
| 51 | NB-4 | 246+39 | 74.4 RT. | 8 | 40FT W/250W HPS COBRA |
| 52 | NB-2 | 304+39 | 28.6 RT. | 8 | 40FT W/250W HPS COBRA |

| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 92 | 31.7 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 93 | 31.3 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 94 | 48.3 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 95 | 80.3 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 96 | 226.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |



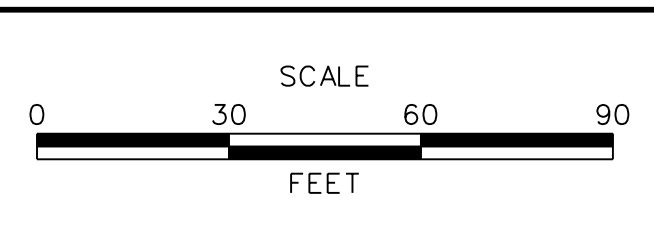
136.01
 RICHARD P. MONEY
 T.M.*13-026.00-042
 INS.*20100624-0032129

137
 POOLE VENTURES, LLC
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| ADDENDUMS / REVISIONS | |
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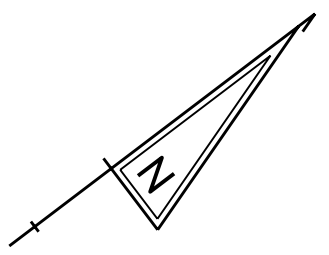


**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

| | |
|------------------------|-----------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: ML |
| | CHECKED BY: JM |

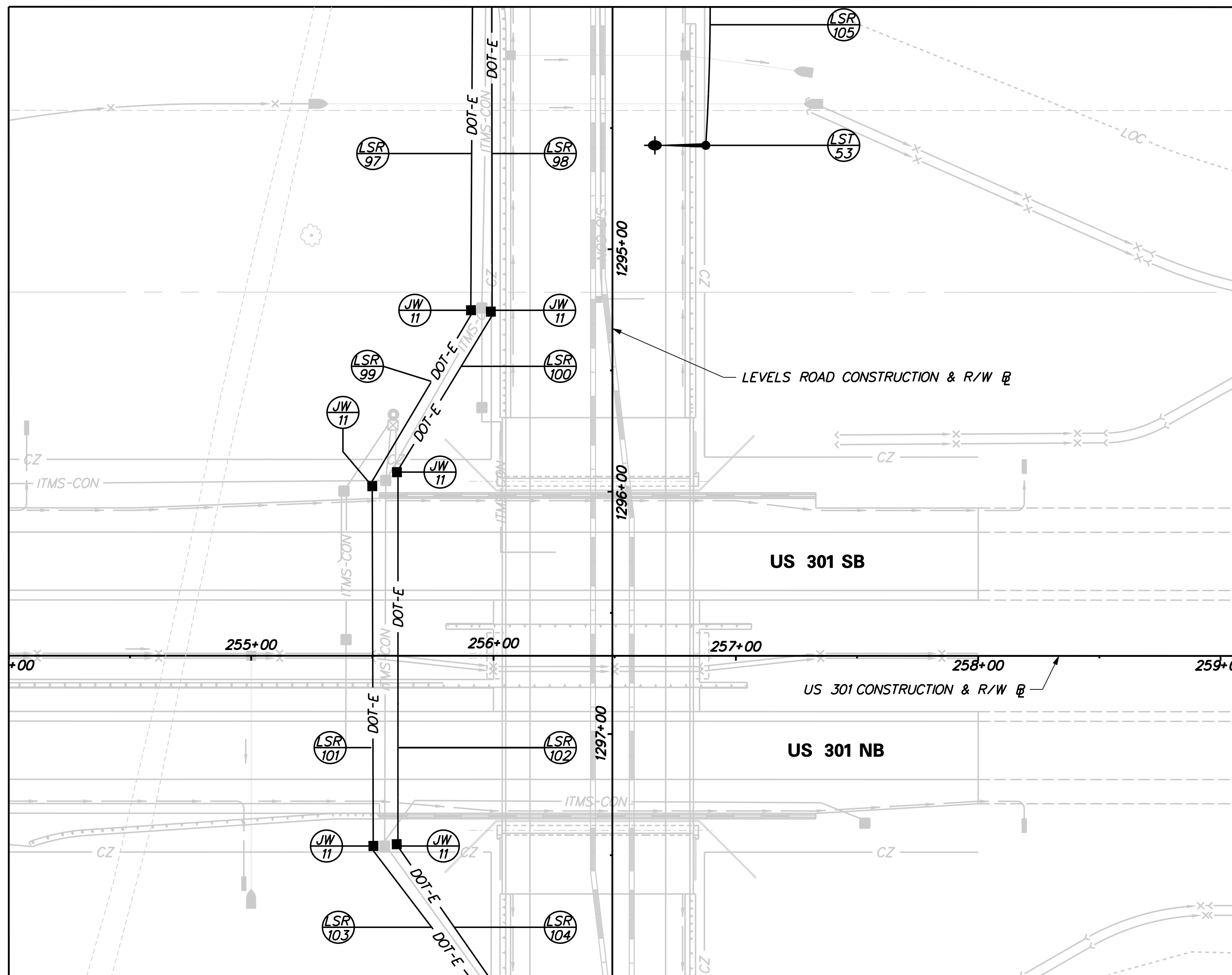
LIGHTING PLAN

| |
|--------------------|
| LI-09 |
| SHEET NO. 674 |
| TOTAL SHTS. 850 |



MATCH LINE STA 1294+00 SHEET LI-12

MATCH LINE STA 254+00 SHEET LI-09



MATCH LINE STA 1298+00 SHEET LI-14

LIGHTING STANDARD SCHEDULE

| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
|-----|-------------|---------|----------|-----|-----------------------|
| 53 | SB-7 | 1294+57 | 38.5 LT. | 8 | 30FT W/150W HPS COBRA |

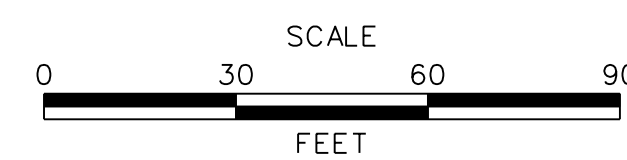
LIGHTING SERVICE SCHEDULE

| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
|-------------|-----------------|--|--------------|
| 97 | 231.2 | 2 #4, 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT ITMS CKTS 2, 5 | TRENCH |
| 98 | 231.2 | 4 #2/0 AND 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT FEED TO LIGHTING DISTRIBUTION CAB. #2 | TRENCH |
| 99 | 74.4 | 2 #4, 2 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT ITMS CKTS 2, 5 | TRENCH |
| 100 | 74.4 | 4 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT FEED TO LIGHTING DISTRIBUTION CAB. #2 | TRENCH |
| 101 | 150.8 | 2 #4, 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT ITMS CKTS 2, 4, 5 | TRENCH |
| 102 | 150.8 | 4 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT FEED TO LIGHTING DISTRIBUTION CAB. #2 | TRENCH |
| 103 | 72.0 | 2 #4, 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT ITMS CKTS 2, 4, 5 | TRENCH |
| 104 | 72.0 | 4 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT FEED TO LIGHTING DISTRIBUTION CAB. #2 | TRENCH |
| 105 | 153.0 | 2 #8 & 1 #8 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |

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ADDENDUMS / REVISIONS



**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------|-----------------|
| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: ML |
| NEW CASTLE | CHECKED BY: JM |

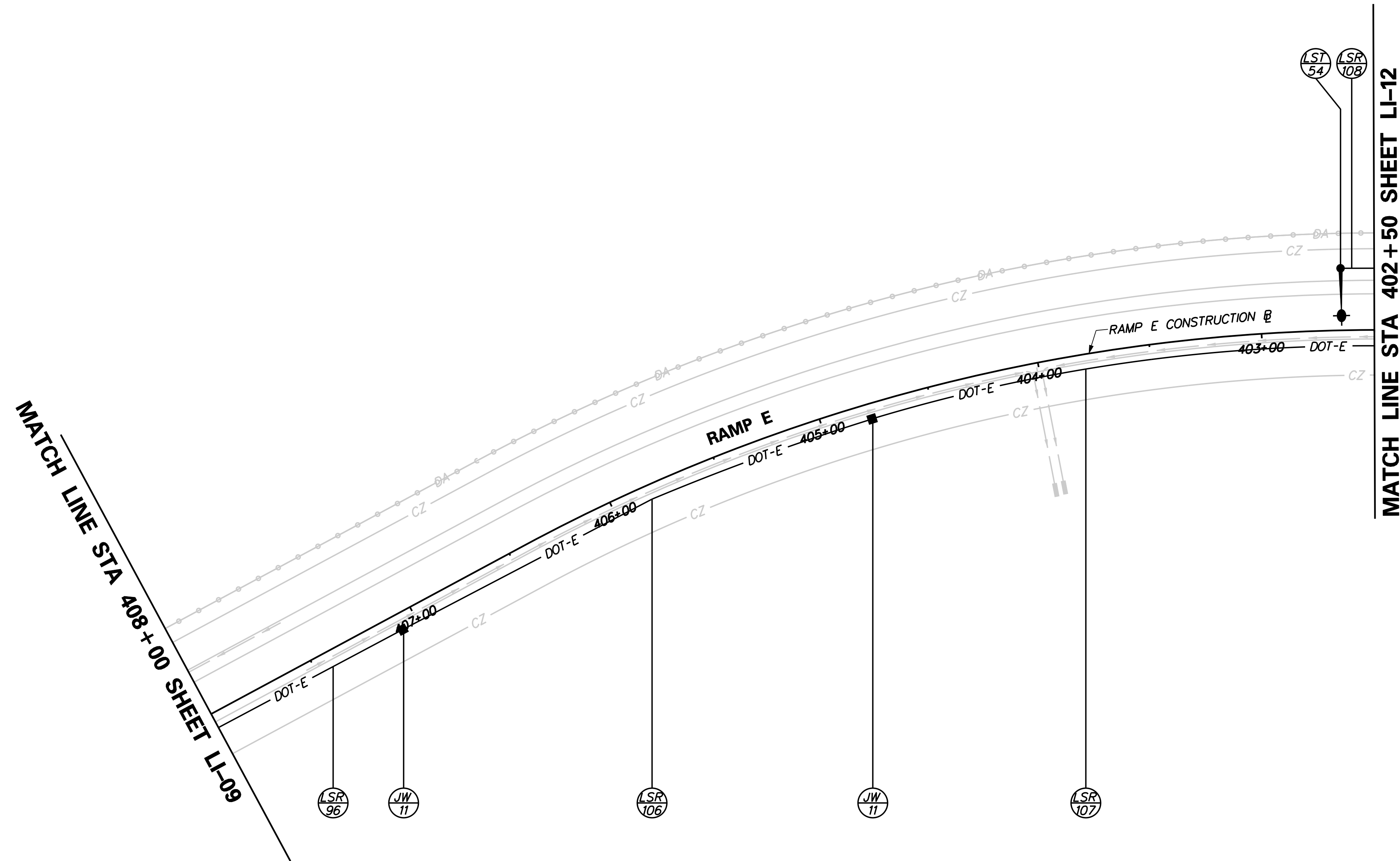
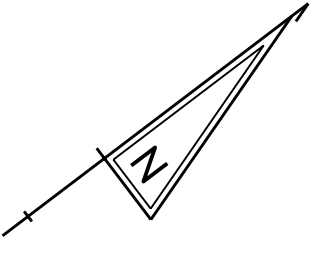
LIGHTING PLAN

LI-10

| |
|-------------|
| SHEET NO. |
| 675 |
| TOTAL SHTS. |
| 850 |

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|-----------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 54 | SB-7 | 402+64 | 27.5 RT. | 8 | 30FT W/150W HPS COBRA |

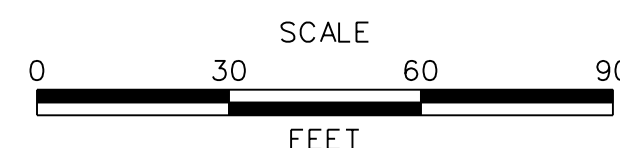
| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 106 | 226.4 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 107 | 227.3 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 108 | 130.0 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |



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| ADDENDUMS / REVISIONS | |
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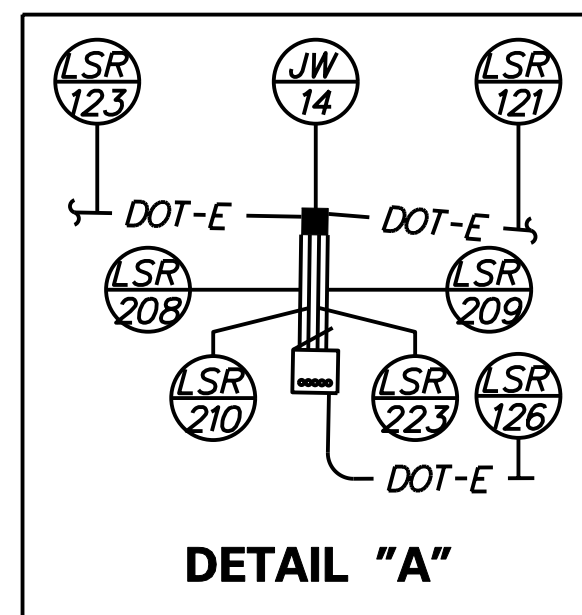
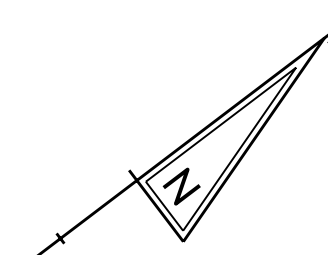


**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------|-----------------|
| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: ML |
| NEW CASTLE | CHECKED BY: JM |

LIGHTING PLAN

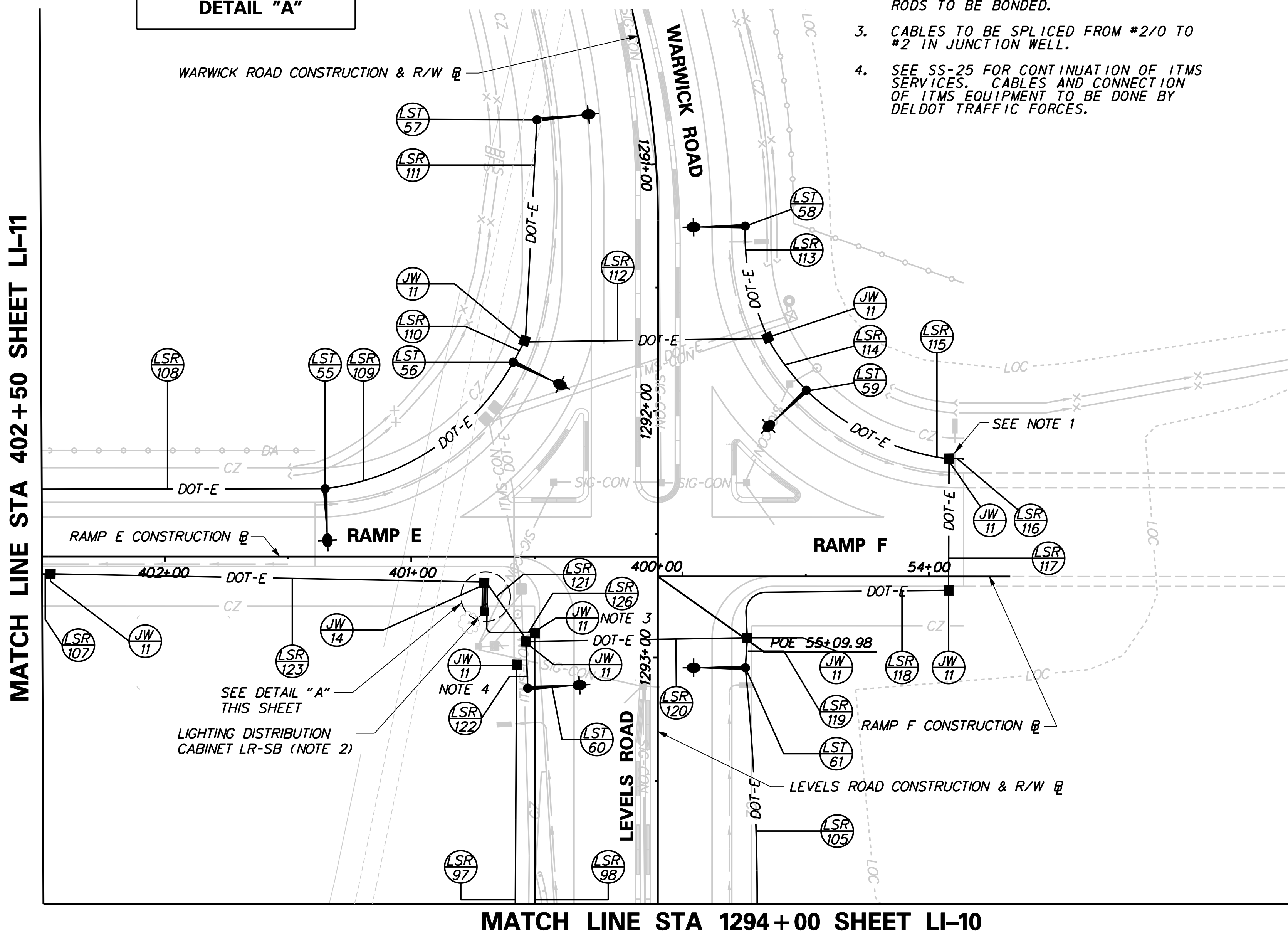
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|--------------|-----|
| LI-11 | |
| SHEET NO. | 676 |
| TOTAL SHTS. | 850 |



- NOTE:
1. CABLES FOR RAMP F LIGHTING TO BE LEFT CAPPED IN JUNCTION WELL. CONNECTION BY OTHERS. LR-SB CKTS #1, 3, 5
 2. CABINET GROUND ROD TO BE LOCATED A MINIMUM DISTANCE OF 6' FROM NEARBY JUNCTION WELL GROUND RODS. GROUND RODS TO BE BONDED.
 3. CABLES TO BE SPLICED FROM #2/0 TO #2 IN JUNCTION WELL.
 4. SEE SS-25 FOR CONTINUATION OF ITMS SERVICES. CABLES AND CONNECTION OF ITMS EQUIPMENT TO BE DONE BY DELDOT TRAFFIC FORCES.

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|-----------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 55 | SB-9 | 401+35 | 27.6 RT. | 8 | 30FT W/150W HPS COBRA |
| 56 | SB-7 | 1291+80 | 58.7 RT. | 8 | 30FT W/150W HPS COBRA |
| 57 | SB-11 | 1290+76 | 46.3 RT. | 8 | 30FT W/150W HPS COBRA |
| 58 | SB-9 | 1291+25 | 35.4 LT. | 8 | 30FT W/150W HPS COBRA |
| 59 | SB-11 | 1291+92 | 60.2 LT. | 8 | 30FT W/150W HPS COBRA |
| 60 | SB-11 | 1293+12 | 52.8 RT. | 8 | 30FT W/150W HPS COBRA |
| 61 | SB-9 | 1293+04 | 35.5 LT. | 8 | 30FT W/150W HPS COBRA |

| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|---|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 109 | 95.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 110 | 7.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 111 | 90.0 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 112 | 99.2 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 113 | 45.5 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 114 | 25.6 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 115 | 64.3 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 116 | 5.0 | 4" SCH 80 PVC CONDUIT - NOTE 1 | TRENCH |
| 117 | 51.4 | 4 #6, 4 #4 & 1 #4 GND IN 4" SCH 80 PVC CONDUIT LS-RB CKTS 1, 3, 5, 7, 9, 11 | TRENCH |
| 118 | 95.1 | 4 #6, 4 #4 & 1 #4 GND IN 4" SCH 80 PVC CONDUIT LS-RB CKTS 1, 3, 5, 7, 9, 11 | TRENCH |
| 119 | 13.6 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 120 | 87.6 | 4 #6, 4 #4 & 1 #4 GND IN 4" SCH 80 PVC CONDUIT LS-RB CKTS 1, 3, 5, 7, 9, 11 | TRENCH |
| 121 | 27.7 | 4 #6, 4 #4 & 1 #4 GND IN 4" SCH 80 PVC CONDUIT LS-RB CKTS 1, 3, 5, 7, 9, 11 | TRENCH |
| 122 | 17.9 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 123 | 173.9 | 4 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 126 | 24.4 | 4 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 208 | 9.2 | 4 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT LR-SB CKTS 2, 4, 6 | TRENCH |
| 209 | 9.2 | 4 #6, 4 #4 & 1 #4 GND IN 4" SCH 80 PVC LR-SB CKTS 1, 3, 5, 7, 9, 11 | TRENCH |
| 210 | 9.2 | SPARE 4" SCH 80 PVC CONDUIT | TRENCH |
| 223 | 9.2 | SPARE 4" SCH 80 PVC CONDUIT | TRENCH |



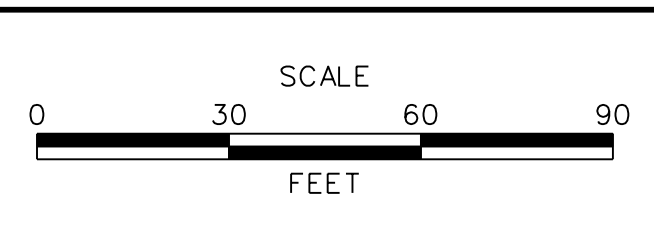
MATCH LINE STA 402+50 SHEET LI-11

MATCH LINE STA 1294+00 SHEET LI-10

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| ADDENDUMS / REVISIONS | |
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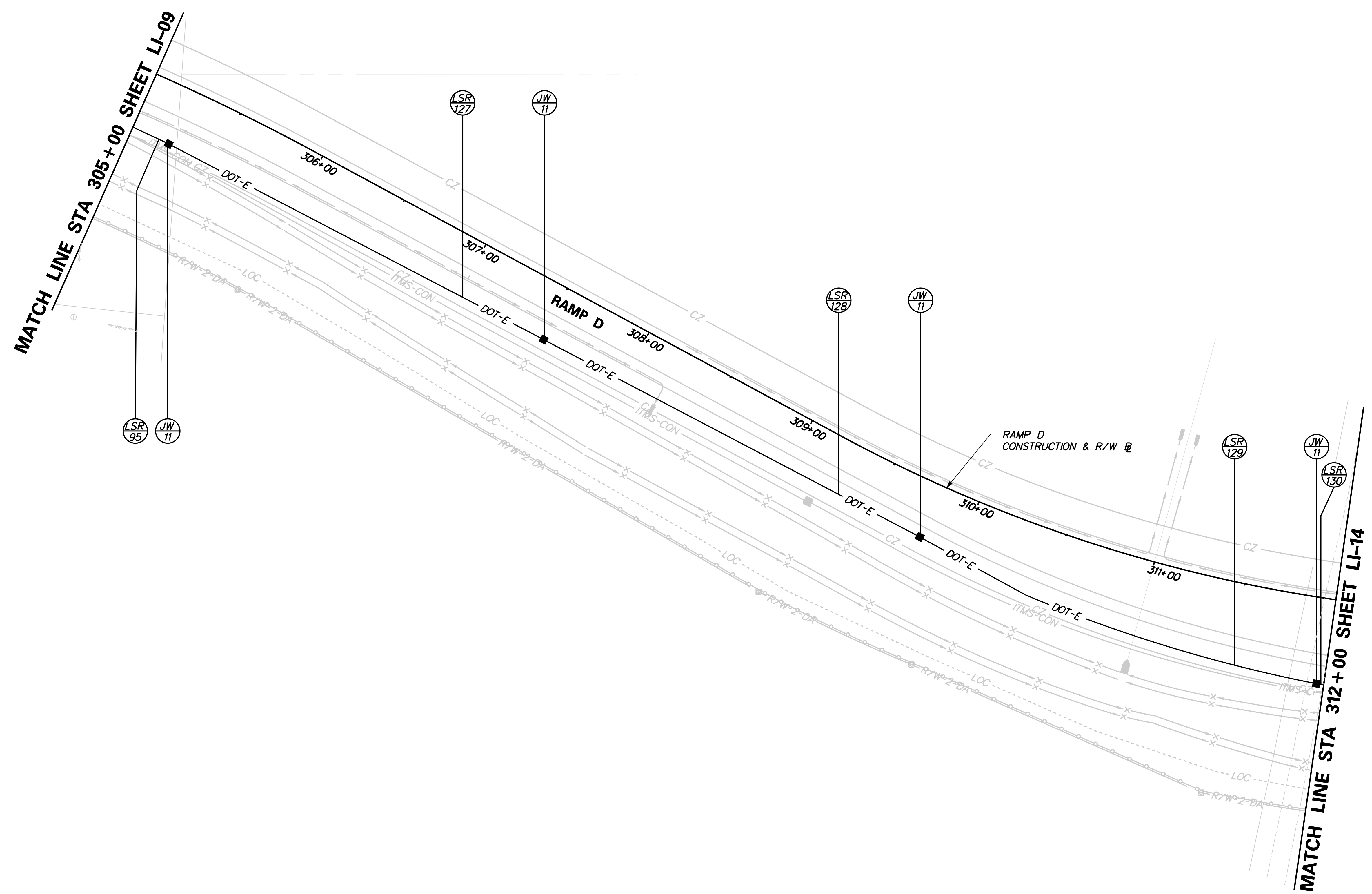
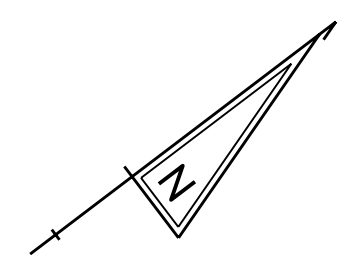


**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------|-----------------|
| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: ML |
| NEW CASTLE | CHECKED BY: JM |

LIGHTING PLAN

| | |
|--------------|-----|
| LI-12 | |
| SHEET NO. | 677 |
| TOTAL SHTS. | 850 |

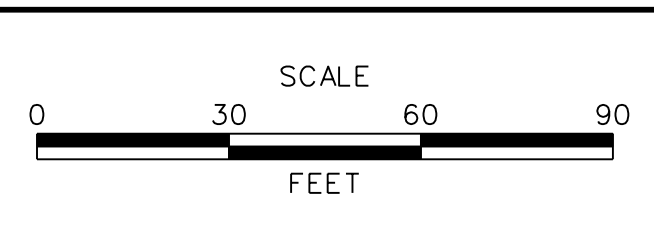


| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|------------------|--|--------------|
| SERVICE RUN | DISTANCE (L. F.) | DESCRIPTION | INSTALLATION |
| 127 | 226.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 128 | 227.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 129 | 227.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 130 | 224.2 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |

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| ADDENDUMS / REVISIONS | |
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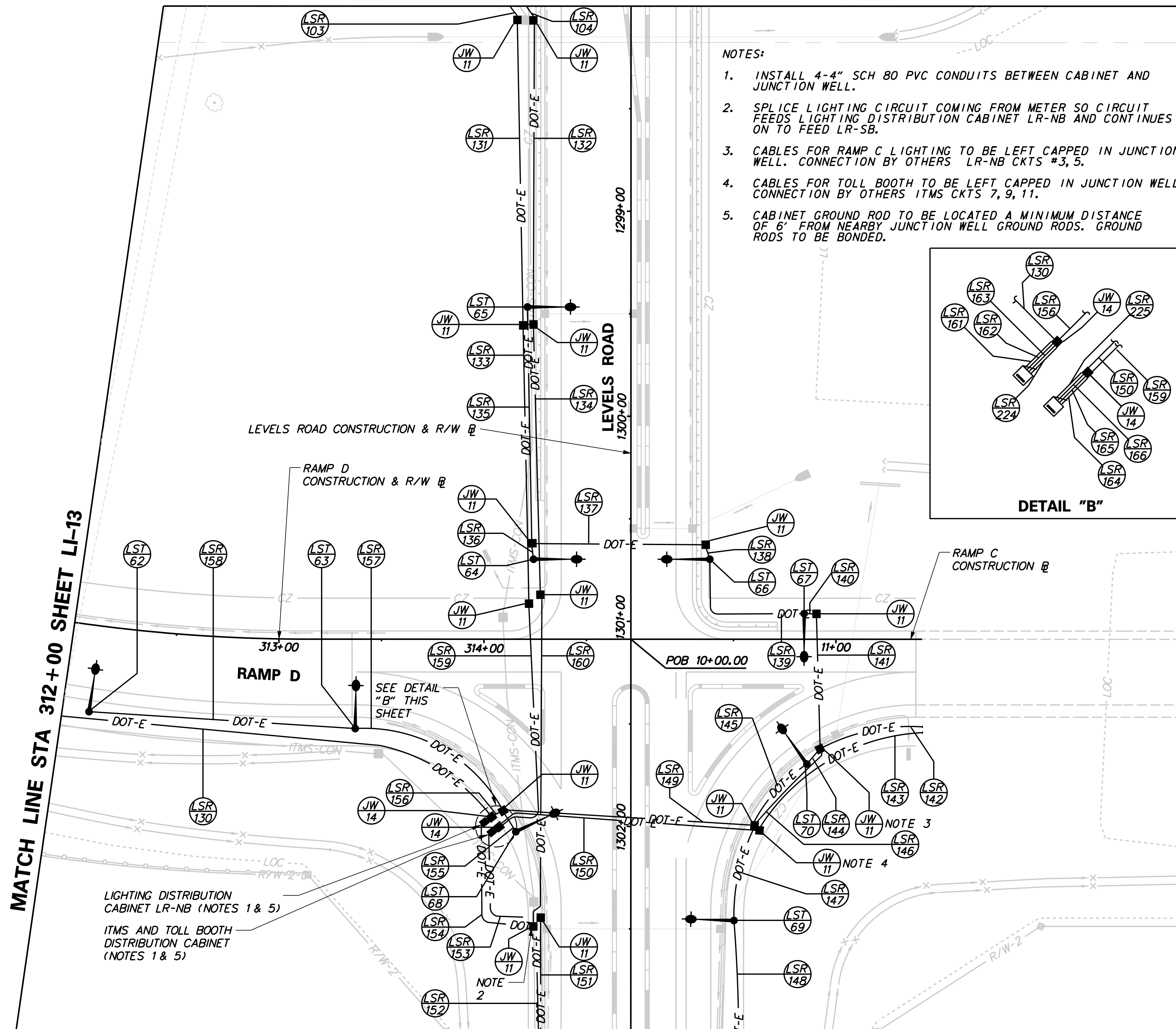
**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------------------|-----------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: ML |
| | CHECKED BY: JM |

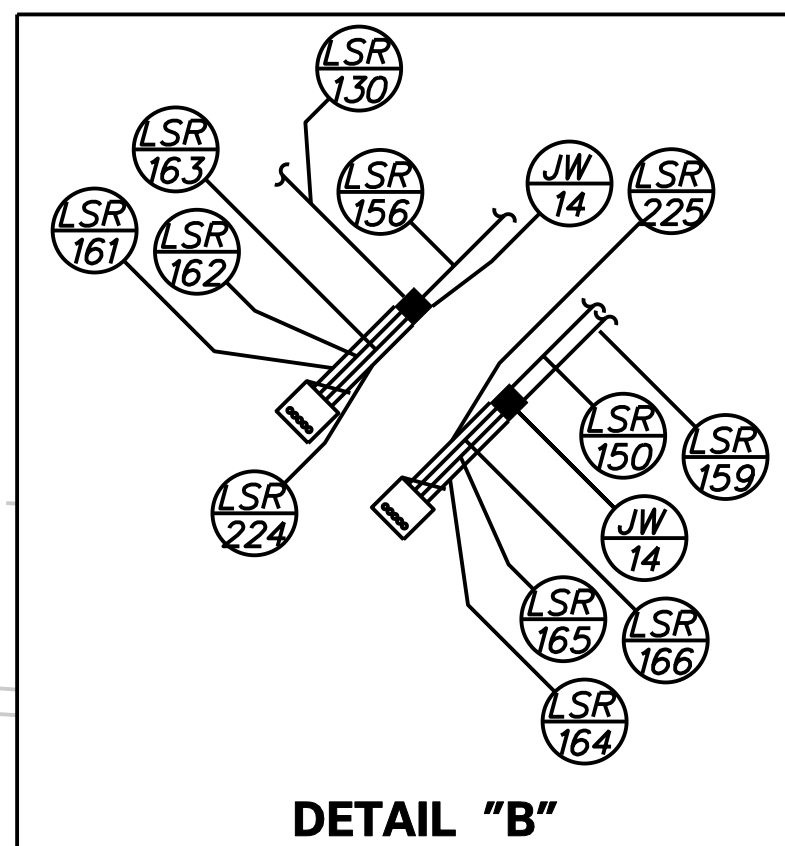
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|----------------------|--------------------|
| LIGHTING PLAN | SHEET NO. 678 |
| | TOTAL SHTS. 850 |
| | |

LI-13

MATCH LINE STA 1298+00 SHEET LI-10



- NOTES:
- INSTALL 4-4" SCH 80 PVC CONDUITS BETWEEN CABINET AND JUNCTION WELL.
 - SPLICE LIGHTING CIRCUIT COMING FROM METER SO CIRCUIT FEEDS LIGHTING DISTRIBUTION CABINET LR-NB AND CONTINUES ON TO FEED LR-SB.
 - CABLES FOR RAMP C LIGHTING TO BE LEFT CAPPED IN JUNCTION WELL. CONNECTION BY OTHERS LR-NB CKTS #3, 5.
 - CABLES FOR TOLL BOOTH TO BE LEFT CAPPED IN JUNCTION WELL. CONNECTION BY OTHERS ITMS CKTS 7, 9, 11.
 - CABINET GROUND ROD TO BE LOCATED A MINIMUM DISTANCE OF 6' FROM NEARBY JUNCTION WELL GROUND RODS. GROUND RODS TO BE BONDED.



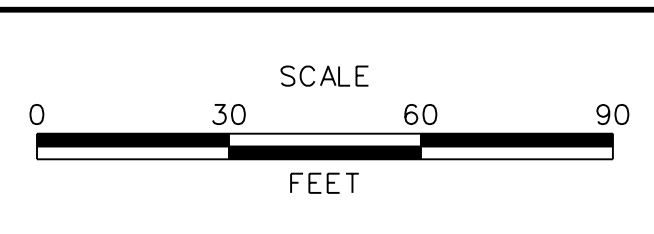
| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|-----------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 62 | NB-7 | 312+12 | 42.2 RT. | 8 | 30FT W/150W HPS COBRA |
| 63 | NB-9 | 313+37 | 43.6 RT. | 8 | 30FT W/150W HPS COBRA |
| 64 | NB-7 | 1300+70 | 47.5 RT. | 8 | 30FT W/150W HPS COBRA |
| 65 | NB-11 | 1299+47 | 50.5 RT. | 8 | 30FT W/150W HPS COBRA |
| 66 | NB-9 | 1300+70 | 38.5 LT. | 8 | 30FT W/150W HPS COBRA |
| 67 | NB-11 | 10+85 | 12.5 LT. | 8 | 30FT W/150W HPS COBRA |
| 68 | NB-11 | 1302+02 | 56.0 RT. | 8 | 30FT W/150W HPS COBRA |
| 69 | NB-9 | 1302+46 | 50.3 LT. | 8 | 30FT W/150W HPS COBRA |
| 70 | NB-7 | 10+86 | 60.9 LT. | 8 | 30FT W/150W HPS COBRA |

| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 131 | 145.5 | 2 #4, 2 #2/0, & 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT ITMS CKTS 2, 4, 5 | TRENCH |
| 132 | 145.5 | 4 #2/0, & 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT FEED TO LIGHTING DISTRIBUTION CAB. #2 | TRENCH |
| 133 | 131.2 | 2 #4, 2 #2/0 AND 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT ITMS CKTS 2, 4, 5 | TRENCH |
| 134 | 131.2 | 4 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT FEED TO LIGHTING DISTRIBUTION CAB. #2 | TRENCH |
| 135 | 114.4 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 136 | 6.3 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 137 | 82.3 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 138 | 6.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 139 | 71.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 140 | 5.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 141 | 67.4 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 142 | 52.0 | 4" SCH 80 PVC CONDUIT | TRENCH |
| 143 | 96.0 | 4" SCH 80 PVC CONDUIT | TRENCH |
| 144 | 6.5 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 145 | 39.2 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 146 | 44.3 | 4 #4 & 1 #4 GND IN 4" SCH 80 PVC CONDUIT LR-NB CKTS 1, 3, 5 | TRENCH |
| 147 | 47.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 148 | 147.2 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 149 | 121.0 | 4 #4, 4 #6 & 1 #4 GND IN 4" SCH 80 PVC CONDUIT LR-NB CKTS 1, 3, 5, 7, 9, 11 | TRENCH |
| 150 | 127.6 | 4 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT ITMS CKTS 7, 9, 11 | TRENCH |
| 151 | 230.4 | 4 #350 KCMIL & 1 #350 KCMIL GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 152 | 230.4 | 4 #4/0 & 1 #4/0 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 153 | 64.0 | 4 #4/0 & 1 #4/0 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 154 | 74.0 | 4 #2 & 1 #2 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 155 | 11.0 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 156 | 4.2 | 4 #6, 4 #4 & 1 #4 GND IN 4" SCH 80 PVC CONDUIT LR-NB CKTS 2, 4, 6, 7, 9, 11 | TRENCH |
| 157 | 86.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 158 | 130.0 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 159 | 123.4 | 2 #6, 2 #4, 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT ITMS CKTS 6, 2, 4, 5 | TRENCH |
| 160 | 154.4 | 4 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT FEED TO LIGHTING DISTRIBUTION CAB. #2 | TRENCH |
| 161 | 4.5 | 4 #6, 4 #4 & 1 #4 GND IN 4" SCH 80 PVC CONDUIT LR-NB CKTS 2, 4, 6, 7, 9, 11, 1, 3, 5 | TRENCH |
| 162 | 4.5 | SPARE 4" SCH 80 PVC CONDUIT | TRENCH |
| 163 | 4.5 | SPARE 4" SCH 80 PVC CONDUIT | TRENCH |
| 164 | 4.5 | 4 #2/0, 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CONDUIT ITMS CKTS 7, 9, 11, 4 | TRENCH |
| 165 | 4.5 | 2 #6, 2 #4, 2 #2/0 & 1 #2/0 GND IN 4" SCH 80 PVC CON. ITMS CKTS 6, 2, 5 | TRENCH |
| 166 | 4.5 | SPARE 4" SCH 80 PVC CONDUIT | TRENCH |
| 224 | 4.5 | SPARE 4" SCH 80 PVC CONDUIT | TRENCH |
| 225 | 4.5 | SPARE 4" SCH 80 PVC CONDUIT | TRENCH |

MATCH LINE STA 1303+00 SHEET LI-15

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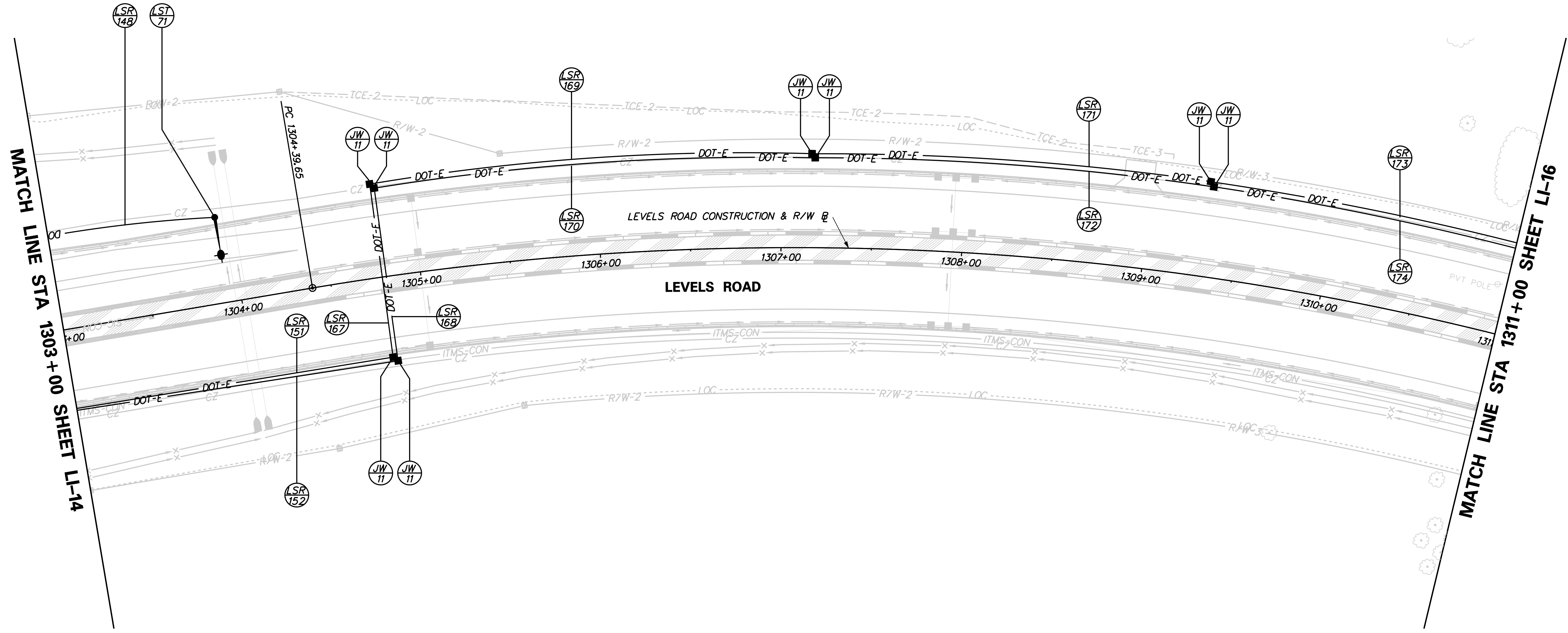
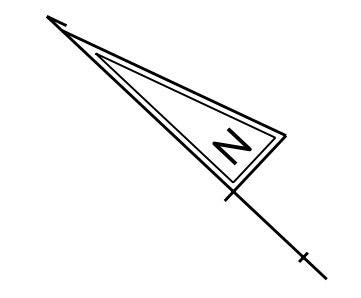
| ADDENDUMS / REVISIONS |
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| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: ML CHECKED BY: JM |

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|-----------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 71 | NB-11 | 1303+93 | 47.5 LT. | 8 | 30FT W/150W HPS COBRA |

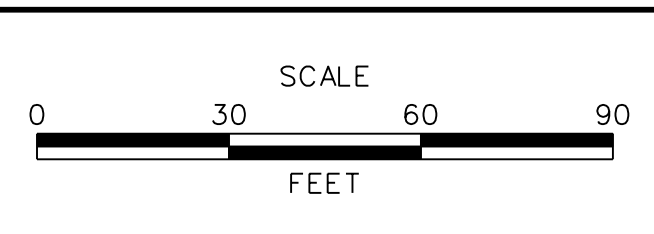
| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 167 | 92.7 | 4 #350 KCMIL & 1 #350 KCMIL GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 168 | 92.7 | 4 #4/0 & 1 #4/0 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 169 | 242.2 | 4 #350 KCMIL & 1 #350 KCMIL GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 170 | 242.2 | 4 #4/0 & 1 #4/0 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 171 | 218.7 | 4 #350 KCMIL & 1 #350 KCMIL GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 172 | 218.7 | 4 #4/0 & 1 #4/0 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 173 | 246.6 | 4 #350 KCMIL & 1 #350 KCMIL GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 174 | 239.7 | 4 #4/0 & 1 #4/0 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |



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| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

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| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: ML |
| | CHECKED BY: JM |

LIGHTING PLAN

| | |
|--------------|-----|
| LI-15 | |
| SHEET NO. | 680 |
| TOTAL SHTS. | 850 |

| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 175 | 240.0 | 4 #350 KCMIL & 1 #350 KCMIL GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 176 | 240.0 | 4 #4/0 & 1 4/0 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 177 | 232.0 | 4 #350 KCMIL & 1 #350 KCMIL GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 178 | 232.0 | 4 #4/0 & 1 #4/0 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 179 | 8.6 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 180 | 102.0 | 4 #350 KCMIL & 1 #350 KCMIL GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 181 | 105.0 | 4 #4/0 & 1 #4/0 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 182 | 108.4 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 183 | 5.6 | 4 #350 KCMIL & 1 #350 KCMIL GND IN 4" GALV. CONDUIT | TRENCH |
| 184 | 6.8 | 4 #4/0 & 1 #4/0 GND IN 4" GALV. CONDUIT | TRENCH |
| 185 | 13.0 | 4" GALV. CONDUIT - NOTE 4 | TRENCH |
| 186 | 9.0 | 4" GALV. CONDUIT - NOTE 4 | TRENCH |
| 187 | 183.6 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| *188 | 51.5 | 2 #6 & 1 #6 GND IN EXISTING CONDUIT | |
| 189 | 43.2 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 190 | 6.0 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 191 | 15.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 192 | 172.9 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| *193 | 91.5 | 4 #6 & 1 #6 GND IN EXISTING CONDUIT | |
| 194 | 20.0 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| *195 | 99.6 | 4 #6 & 1 #6 GND IN EXISTING CONDUIT | |
| *196 | 153.2 | 4 #6 & 1 #6 GND IN EXISTING CONDUIT | |
| *197 | 126.0 | 4 #6 & 1 #6 GND IN EXISTING CONDUIT | |
| 198 | 9.4 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 199 | 108.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 200 | 17.2 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 201 | 177.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 202 | 184.0 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 203 | 120.2 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |

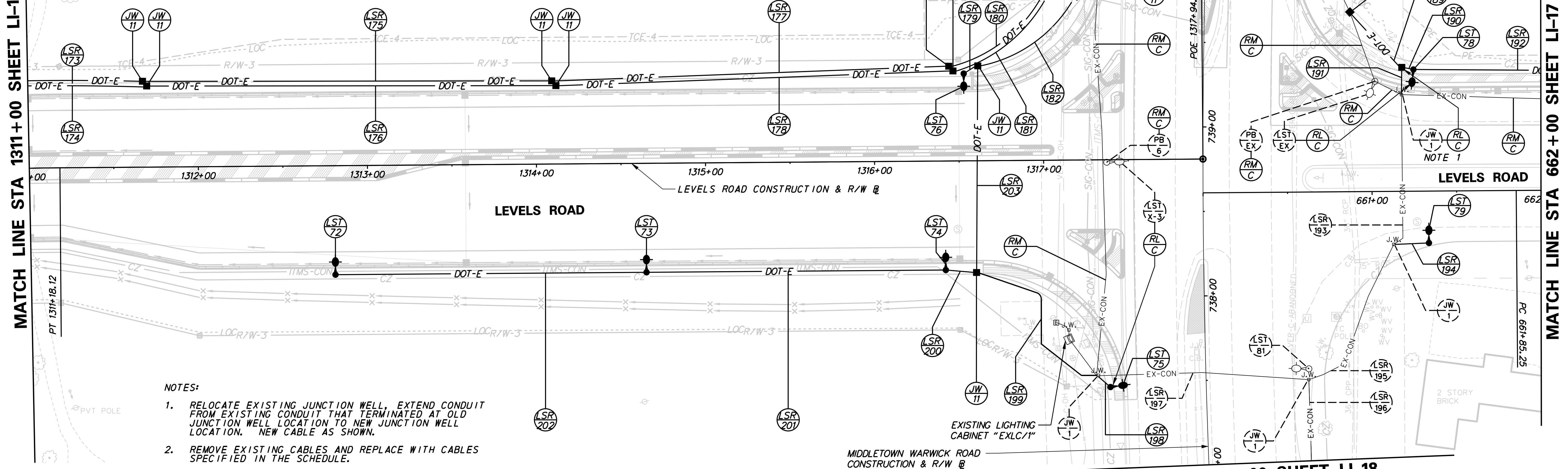
*SEE NOTE 2

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|--------------------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 72 | A | 1312+81 | 64.5 RT. | - | 40 FT W/250W HPS OFFSET |
| 73 | B | 1314+65 | 64.5 RT. | - | 40 FT W/250W HPS OFFSET |
| 74 | A | 1316+42 | 64.5 RT. | - | 40 FT W/250W HPS OFFSET |
| 75 | B | 737+48 | 56.7 LT. | - | *EXIST 40 FT W/250W HPS OFFSET |
| 76 | B | 1316+53 | 51.7 LT. | - | 40 FT W/250W HPS OFFSET |
| 77 | A | 740+10 | 67.7 LT. | - | 40 FT W/250W HPS OFFSET |
| 78 | A | 661+25 | 72.0 LT. | - | *EXIST 40 FT W/250W HPS OFFSET |
| 79 | B | 661+33 | 30.7 RT. | - | 40 FT W/250W HPS OFFSET |
| 80 | B | - | - | - | *EXIST 40 FT W/250W HPS OFFSET |
| 81 | A | - | - | - | *EXIST 40 FT W/250W HPS OFFSET |

*SEE NOTE 5

MATCH LINE STA 1311+00 SHEET LI-15

MATCH LINE STA 741+00 SHEET LI-19



NOTES:

1. RELOCATE EXISTING JUNCTION WELL, EXTEND CONDUIT FROM EXISTING CONDUIT THAT TERMINATED AT OLD JUNCTION WELL LOCATION TO NEW JUNCTION WELL LOCATION. NEW CABLE AS SHOWN.
2. REMOVE EXISTING CABLES AND REPLACE WITH CABLES SPECIFIED IN THE SCHEDULE.
3. SERVICE PEDESTALS FOR LIGHTING AND ITMS. SEE DETAILS ON SHEET LI-25.
4. 4" GALV. CONDUIT TO UTILITY POLE. CONDUITS TO RUN 10' UP POLE. WIRES BY UTILITY COMPANY.
5. REPLACE EXISTING 400W BULB WITH A 250W BULB.

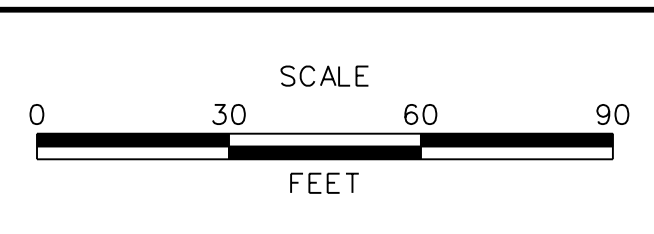
MIDDLETOWN WARWICK ROAD CONSTRUCTION & R/W

MATCH LINE STA 737+00 SHEET LI-18

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| ADDENDUMS / REVISIONS | |
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US 301 MARYLAND STATE LINE TO LEVELS ROAD

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| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: ML |
| | CHECKED BY: JM |

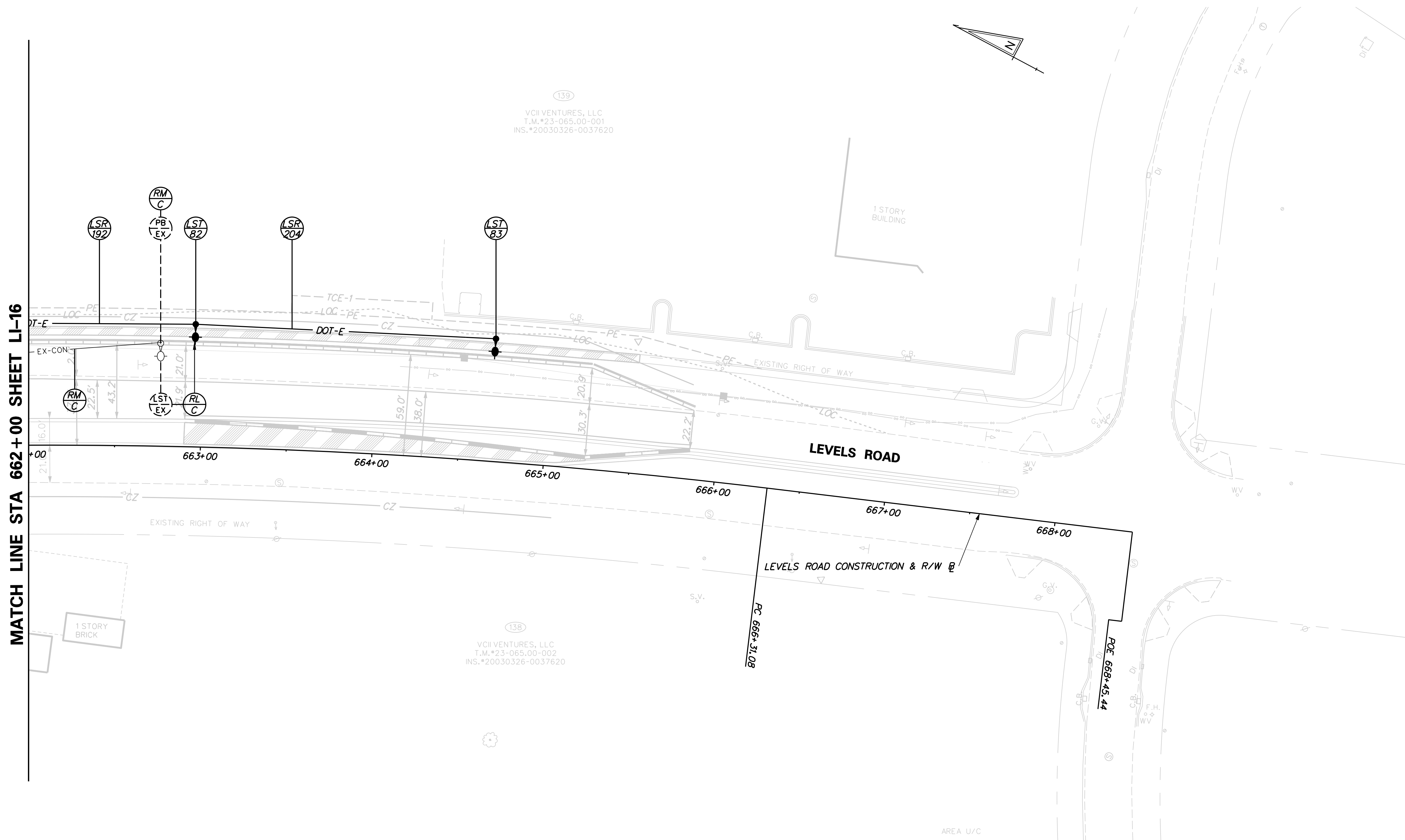
LIGHTING PLAN

| |
|--------------------|
| LI-16 |
| SHEET NO. 681 |
| TOTAL SHTS. 850 |

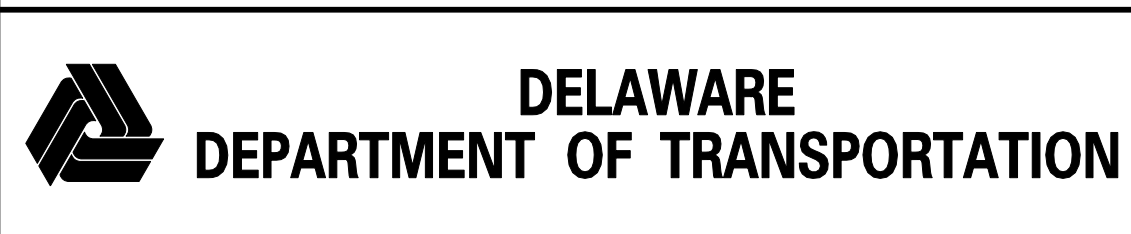
| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 204 | 175.1 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|--------------------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 82 | B | 662+96 | 71.5 LT. | - | *EXIST 40 FT W/250W HPS OFFSET |
| 83 | A | 664+67 | 71.5 TL. | - | 40 FT W/250W HPS OFFSET |

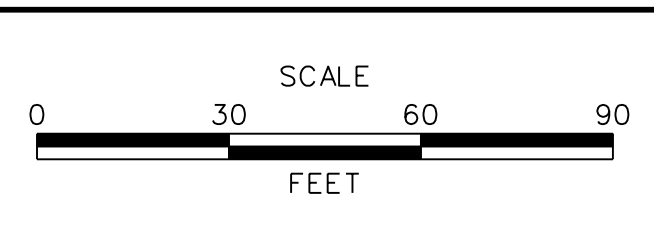
*SEE NOTE 5 ON LI-16



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| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

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| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: ML |
| NEW CASTLE | CHECKED BY: JM |

LIGHTING PLAN

| | |
|--------------|-----|
| LI-17 | |
| SHEET NO. | 682 |
| TOTAL SHTS. | 850 |

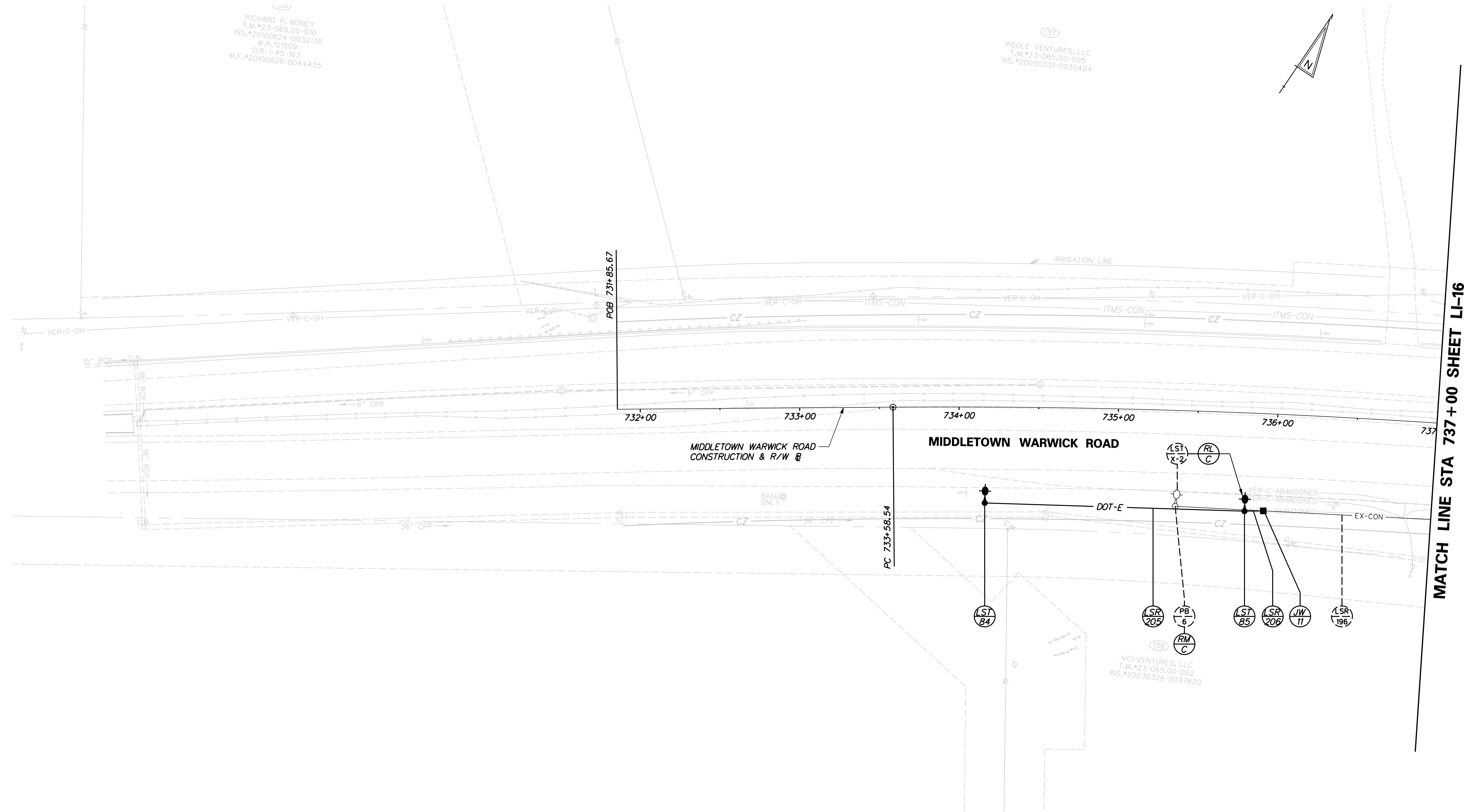
| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 205 | 163.0 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |
| 206 | 11.8 | 4 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|--------------------------------|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 84 | A | 734+16 | 60.2 RT. | - | 40FT W/250W HPS OFFSET |
| 85 | B | 735+82 | 61.7 RT. | - | *EXIST. 40FT W/250W HPS OFFSET |

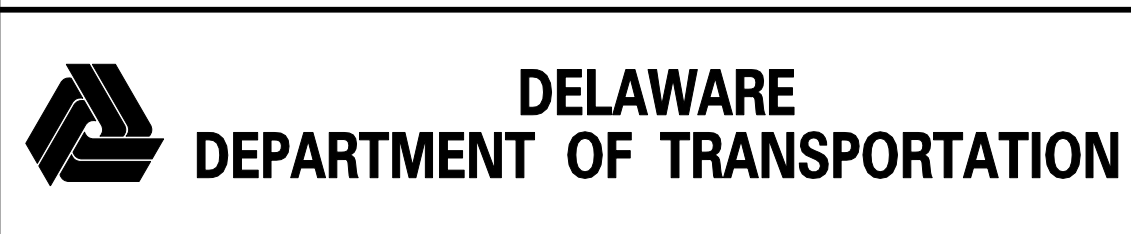
*SEE NOTE 5 ON LI-16

RICHARD P. MONEY
T.M.#23-065.00-010
INS.#20100624-0032130
W.R.101509
D.R.1-45-163
M.F.#20100826-0044435

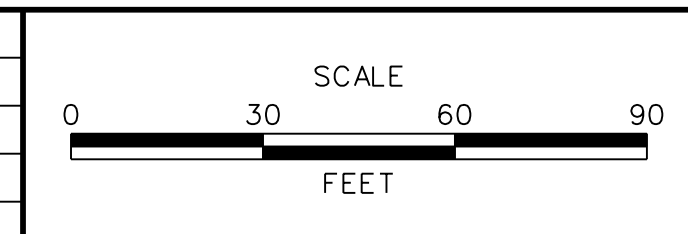
POOLE VENTURES, LLC
T.M.#23-065.00-005
INS.#20050331-0030404



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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

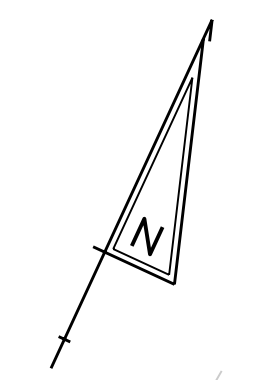
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|------------|-----------------|
| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: ML |
| NEW CASTLE | CHECKED BY: JM |

LIGHTING PLAN

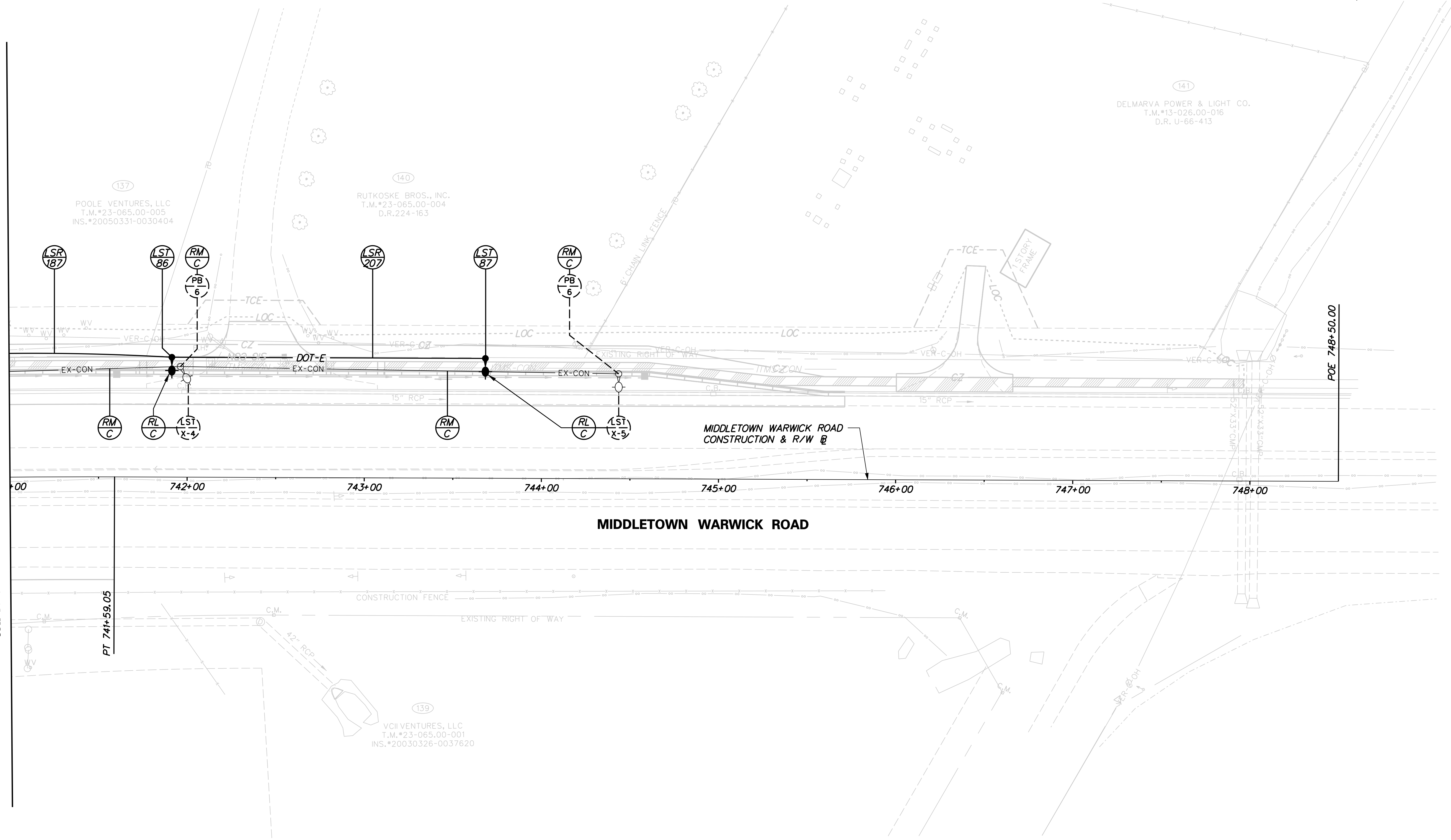
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| LI-18 |
| SHEET NO. 683 |
| TOTAL SHTS. 850 |

| LIGHTING SERVICE SCHEDULE | | | |
|---------------------------|-----------------|--|--------------|
| SERVICE RUN | DISTANCE (L.F.) | DESCRIPTION | INSTALLATION |
| 207 | 177.0 | 2 #6 & 1 #6 GND IN 4" SCH 80 PVC CONDUIT | TRENCH |

| LIGHTING STANDARD SCHEDULE | | | | | |
|----------------------------|-------------|---------|----------|-----|--|
| NO. | CIRCUIT NO. | STATION | OFFSET | ARM | LIGHT STANDARD |
| 86 | B | 741+91 | 67.7 LT. | - | *EXIST. 40FT W/250W HPS OFFSET |
| 87 | A | 743+68 | 67.7 LT. | - | *EXIST. 40FT W/250W HPS OFFSET *SEE NOTE 5 ON LI-16 |



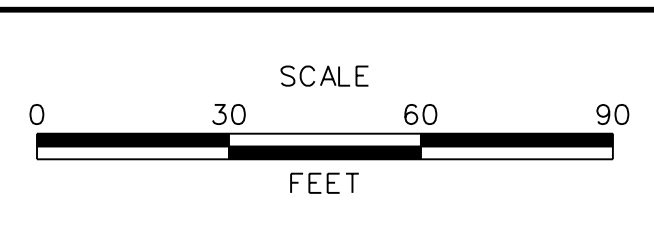
MATCH LINE STA 741+00 SHEET LI-16



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| ADDENDUMS / REVISIONS | |
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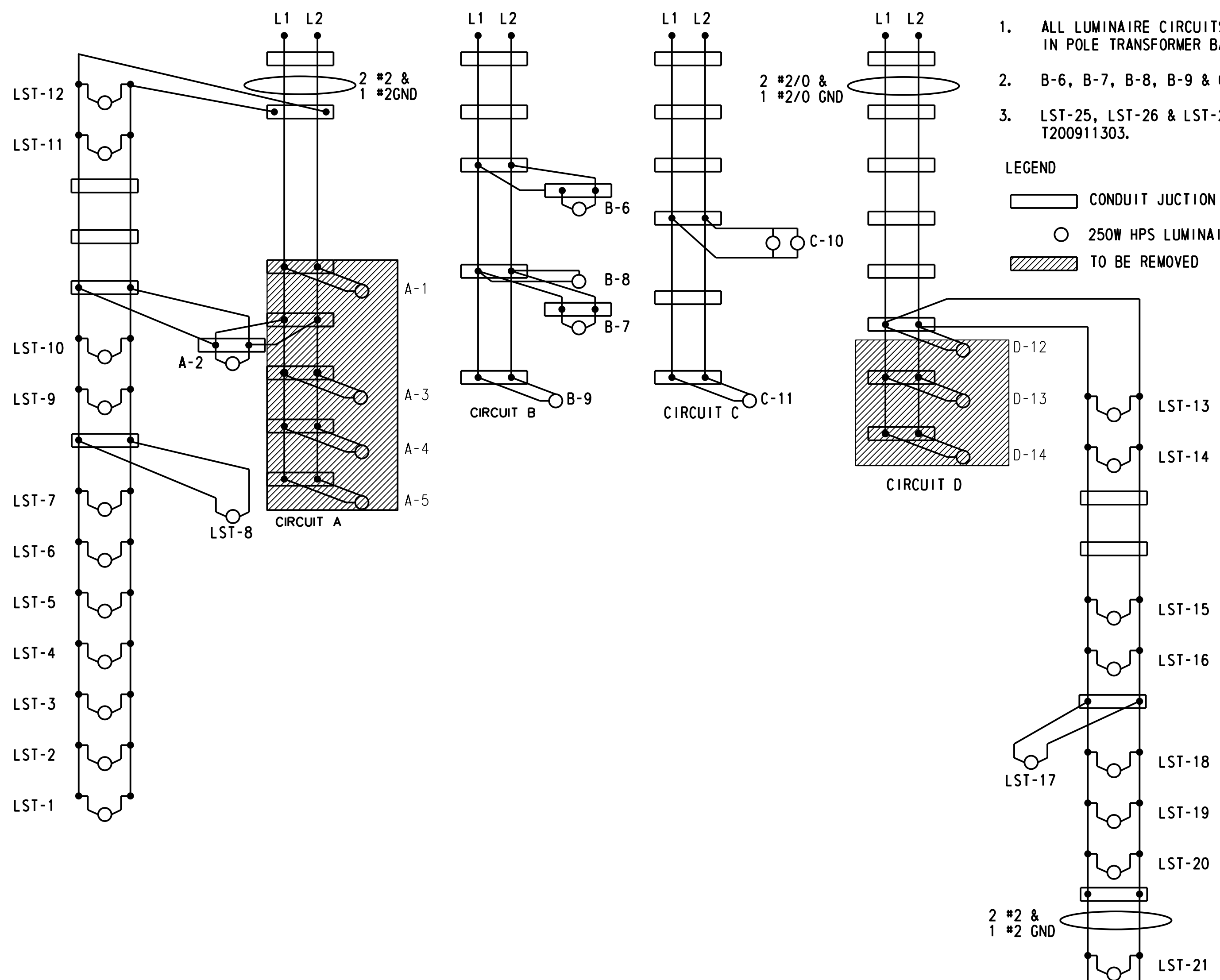


**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

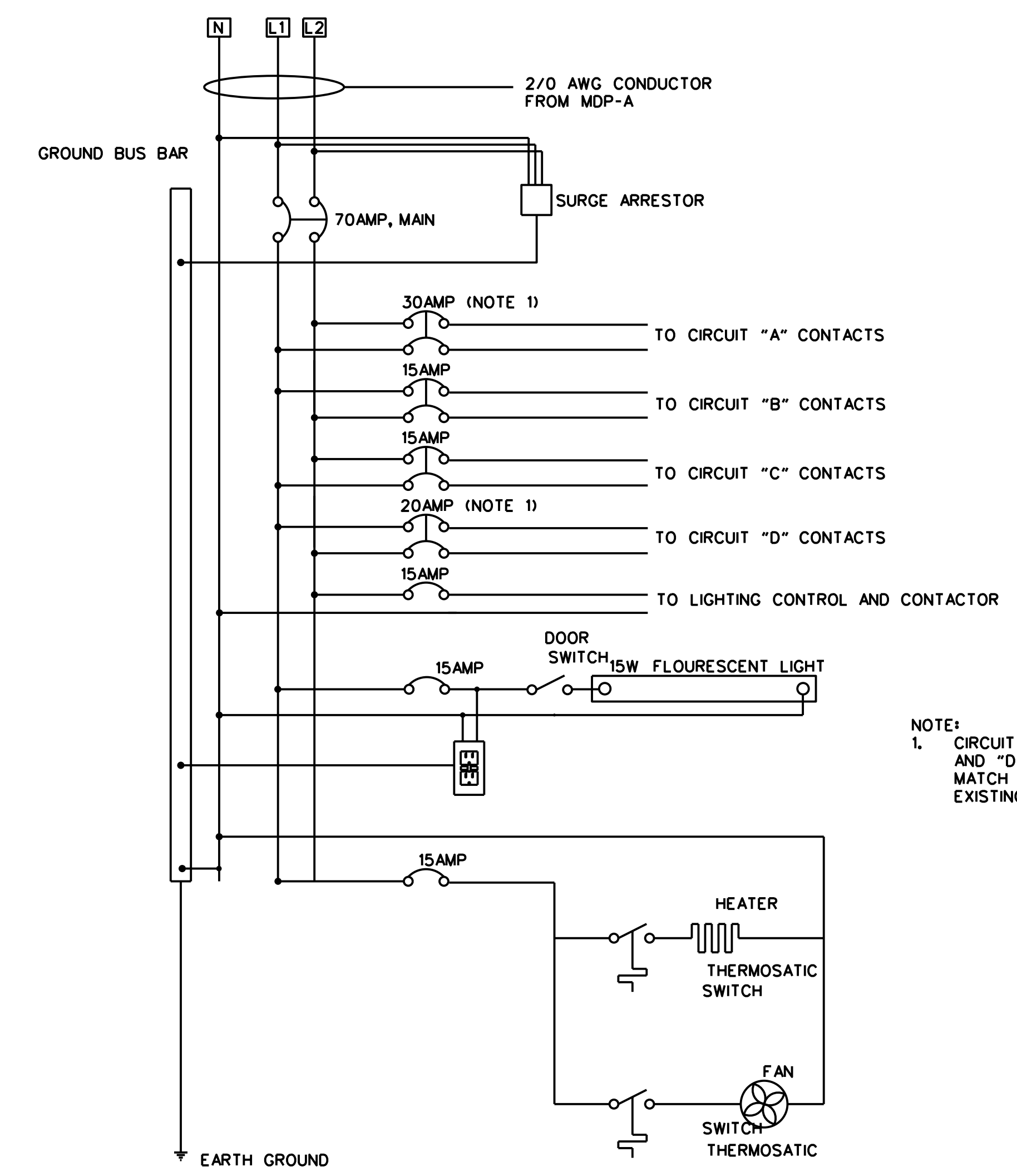
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|------------------------|-----------------------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: ML CHECKED BY: JM |

LIGHTING PLAN

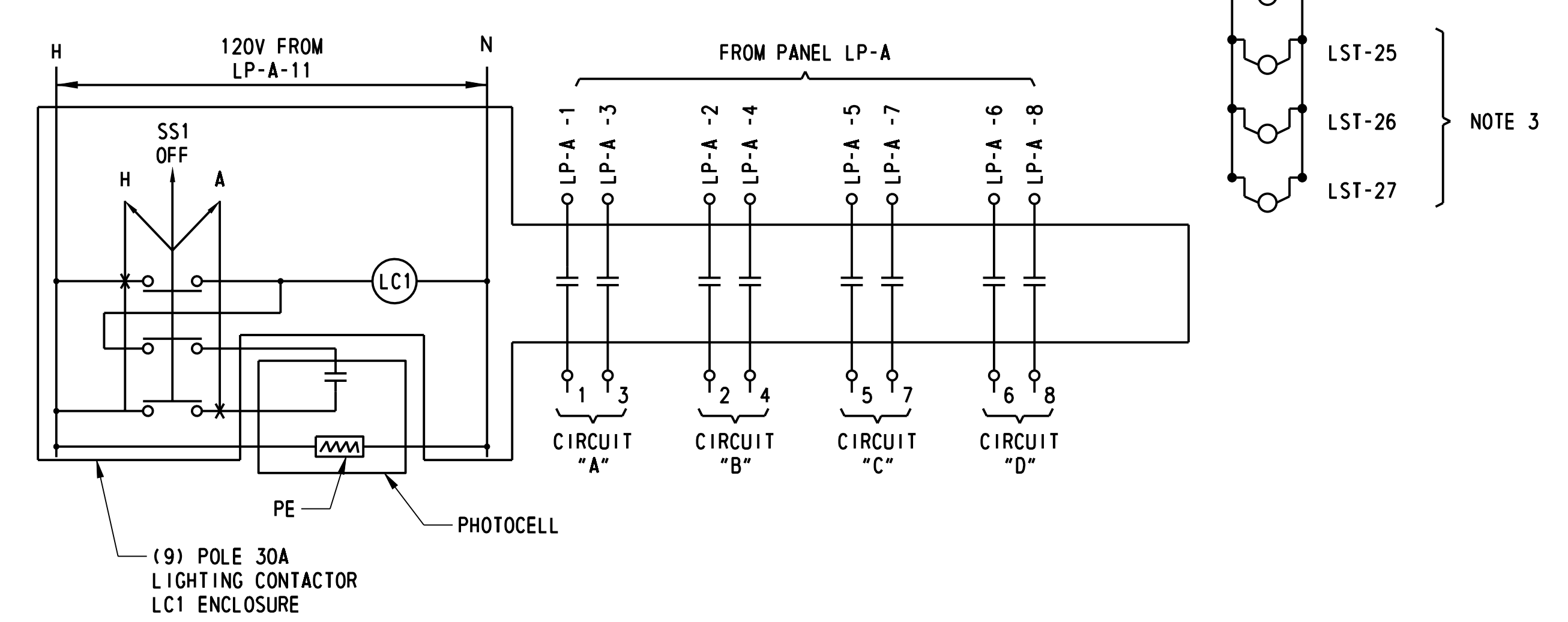
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| LI-19 | |
| SHEET NO. | 684 |
| TOTAL SHTS. | 850 |



WIRING SCHEMATICS



PANEL WIRING DIAGRAM



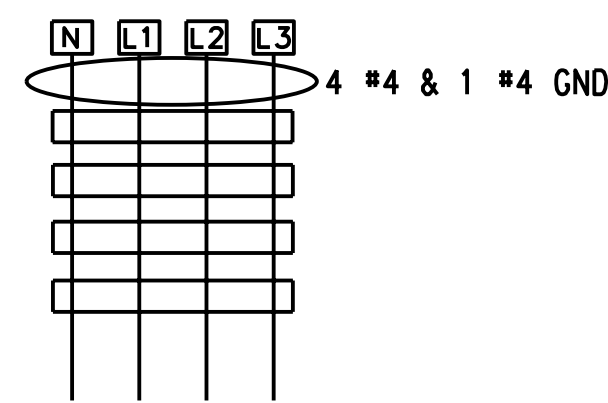
LIGHTING CONTROL DIAGRAM

| PANEL DESIGNATION | | TYPE: SINGLE PHASE 3W NUMBER OF POLES: 20 GROUND BUS RATING: 100% MAIN BUS RATING: 100A MAIN RATING: 70A 2P MCB | | | | LOCATION: SOUTH SIDE OF WEIGH STATION BLDG. VOLTAGE: 120/240 PANEL MOUNTING: SURFACE PANEL ENCLOSURE (NEMA): TYPE 3R PANEL MIN. A.I.C. RATING: 10KA | | | |
|-------------------------|-----------|---|------------|------|------|---|--------------------|-----------|----------|
| CIR. NO. | CIR. BKR. | DESCRIPTION | LOAD/PHASE | | | | DESCRIPTION | CIR. BKR. | CIR. NO. |
| | | | LOAD | L1 | L2 | LOAD | | | |
| 1 | 30A | CIRCUIT "A" | 2015 | 2635 | | 620 | CIRCUIT "B" | 15A | 2 |
| 3 | | | 2015 | | 2635 | 620 | | | 4 |
| 5 | 15A | CIRCUIT "C" | 465 | 2790 | | 2325 | CIRCUIT "D" | 20A | 6 |
| 7 | | | 465 | | 2790 | 2325 | | | 8 |
| 9 | 15A | FAN AND HEATER | 720 | 915 | | 195 | RECEPTACLE & LIGHT | 15A | 10 |
| 11 | 15A | PHOTO CONTROL & CONTACTOR | 600 | | 600 | | SPARE | 15A | 12 |
| 13 | | SPACE | | | | | SPACE | | 14 |
| 15 | | SPACE | | | | | SPACE | | 16 |
| TOTAL CONNECTED VA LOAD | | | 6340 | | 6025 | | | | |

100% SOLID NEUTRAL BUS
CU EQUIPMENT GROUND BUS

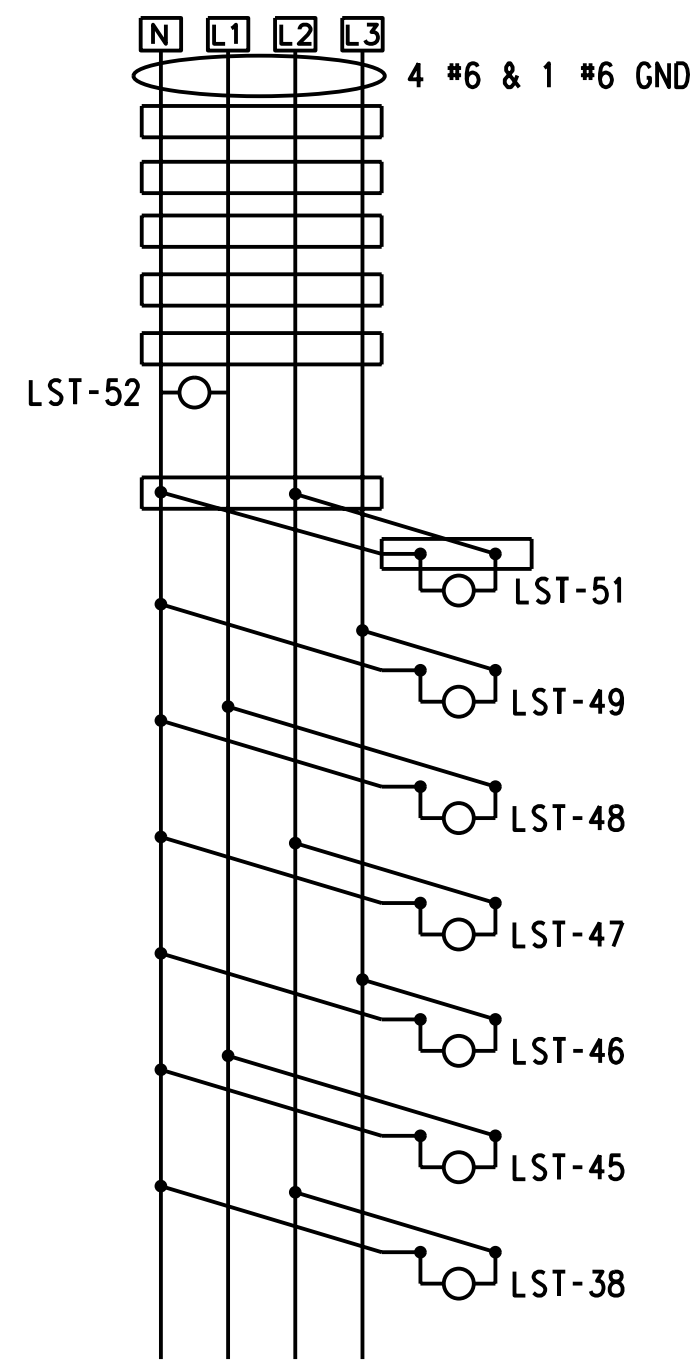
EXISTING PANEL SCHEDULE

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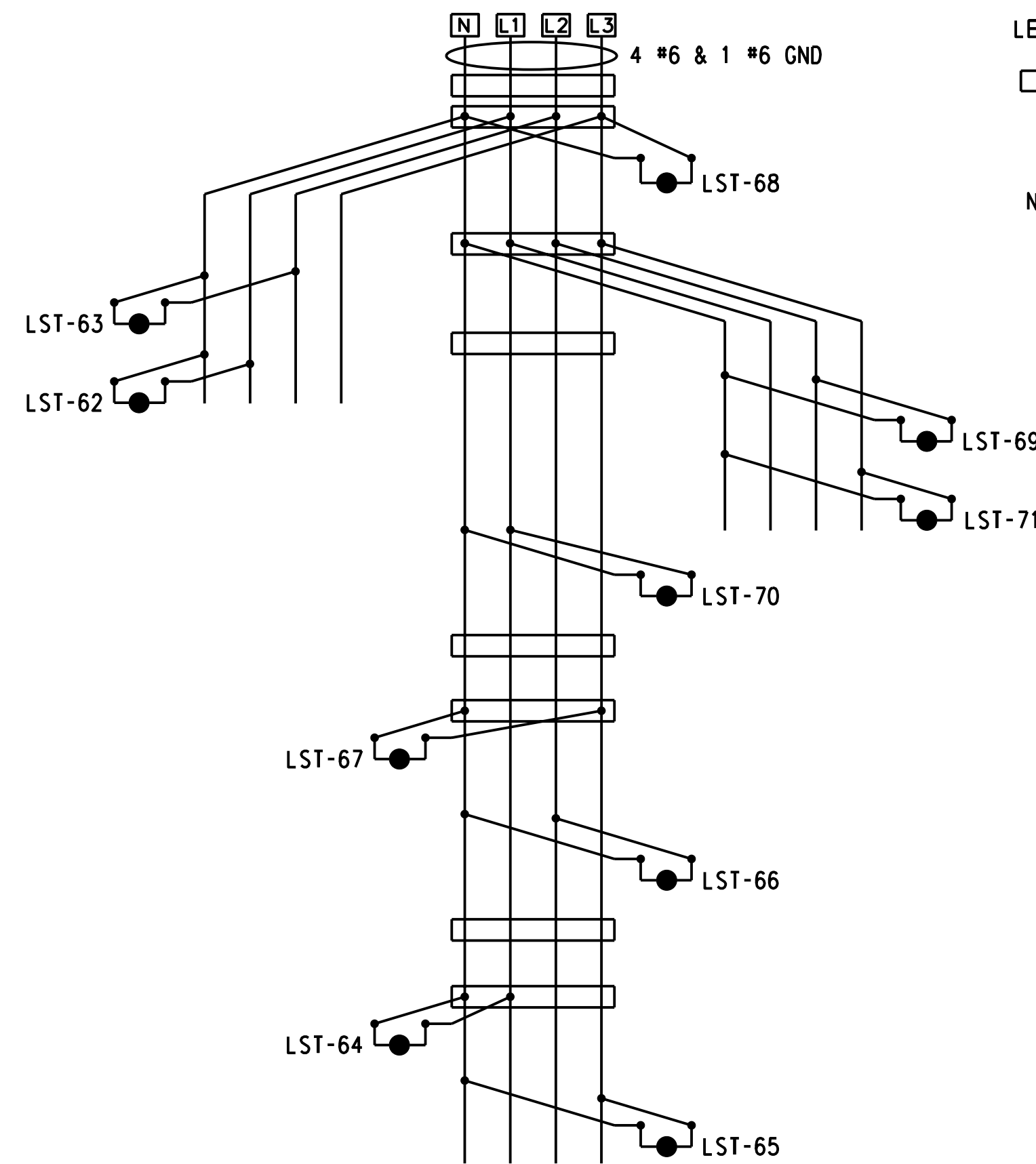


LIGHTING BY OTHERS (NOTE 1)

CIRCUIT NB-A



CIRCUIT NB-B

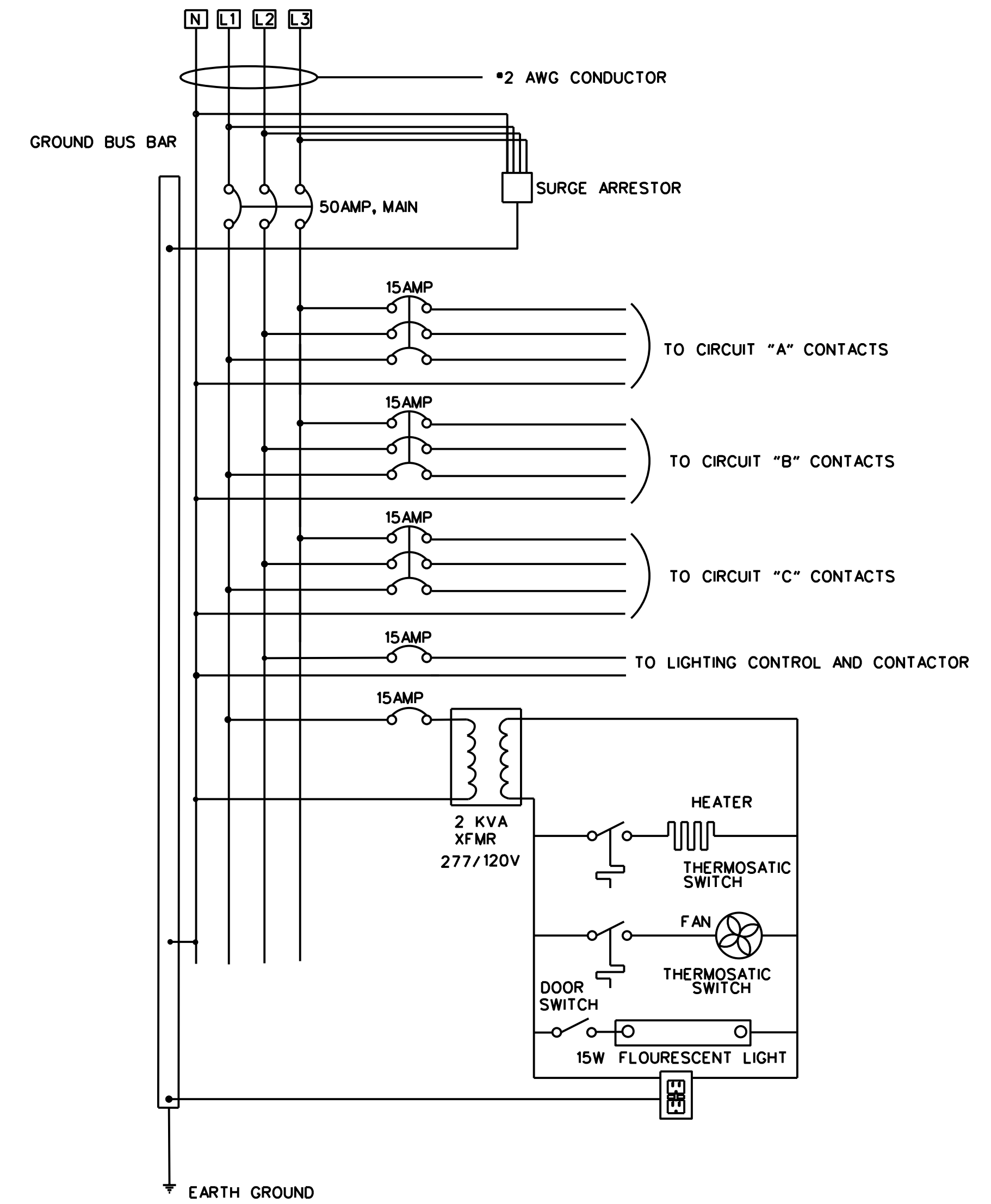


CIRCUIT NB-C

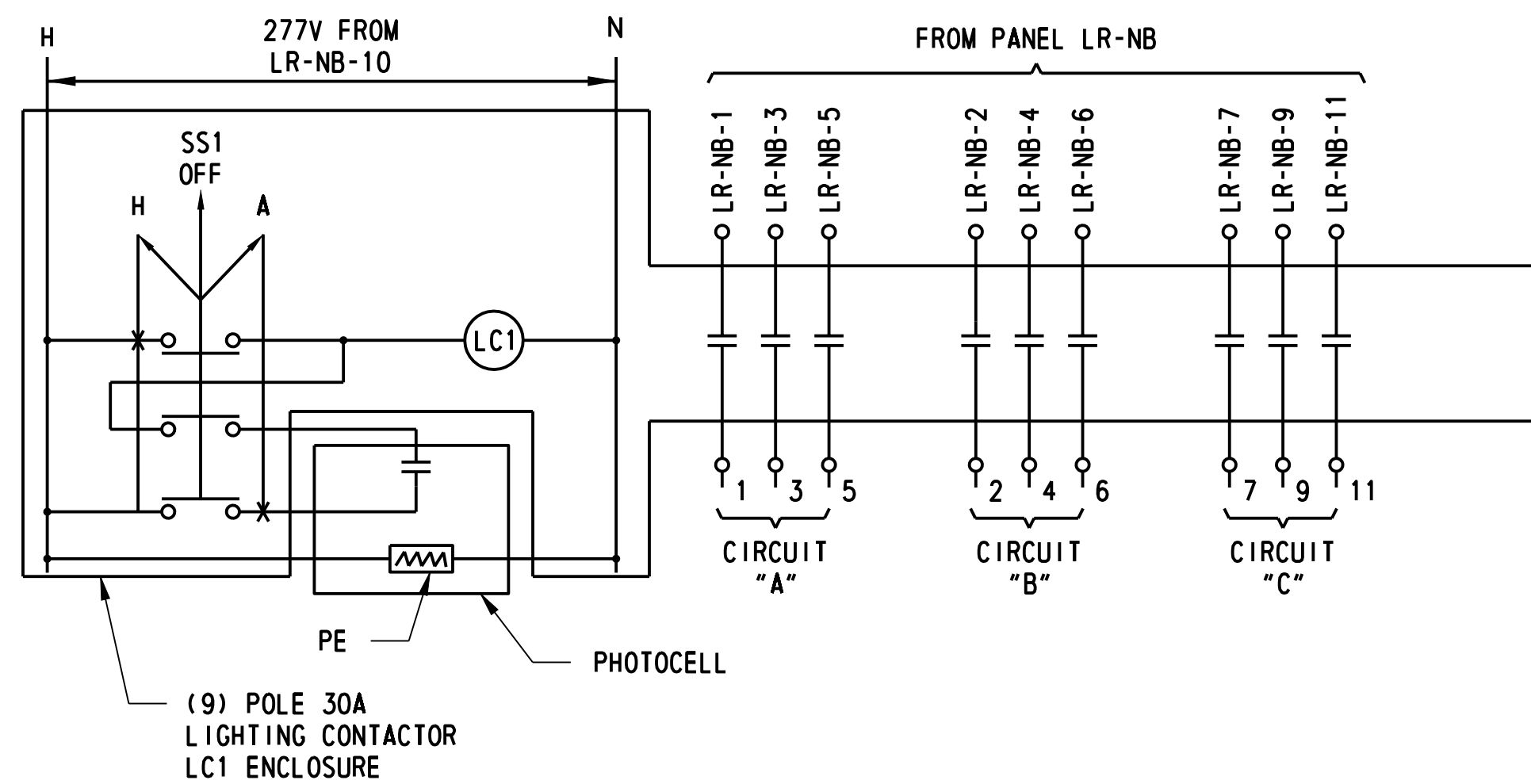
LEGEND

- CONDUIT JUNCTION WELL
- 250W HPS LUMINAIRE, 277V
- 150W HPS LUMINAIRE, 277V

NOTE:
1. THERE ARE 1-150W LUMINAIRES AND 11-250W LUMINAIRES ON RAMP C. (BY OTHERS)



PANEL WIRING DIAGRAM



LIGHTING CONTROL DIAGRAM

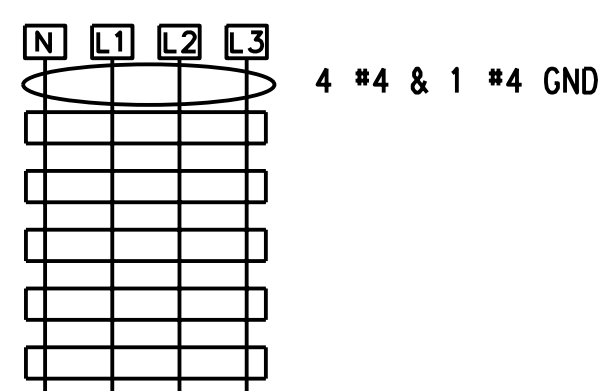
| PANEL DESIGNATION | | TYPE: THREE PHASE 4W | | LOCATION: LEVELS ROAD WITH RAMP D | | | | |
|-------------------------|-----------|-------------------------------|------------|-----------------------------------|------|-------------|-----------|----------|
| LR-NB | | NUMBER OF POLES: 20 | | VOLTAGE: 277/480 VAC | | | | |
| | | GROUND BUS RATING: 100% | | PANEL MOUNTING: PAD | | | | |
| | | MAIN BUS RATING: 100A | | PANEL ENCLOSURE (NEMA): TYPE 3R | | | | |
| | | CONDUCTOR RATING: 50A 3P MCB | | PANEL MIN. A.I.C. RATING: 10KA | | | | |
| CIR. NO. | CIR. BKR. | DESCRIPTION | LOAD/PHASE | | | DESCRIPTION | CIR. BKR. | CIR. NO. |
| | | | LOAD | L1 | L2 | | | |
| 1 | 15A | CIRCUIT "NB-A" (RAMP C) | 1120 | 2050 | | 930 | 15A | 2 |
| 3 | | | 1240 | | 2170 | 930 | | 4 |
| 5 | | | 1240 | | | 1860 | | 620 |
| 7 | 15A | CIRCUIT "NB-C" (INTERSECTION) | 570 | 2570 | | 2000 | 15A | 8 |
| 9 | | | 570 | | 1170 | 600 | 15A | 10 |
| 11 | | | 760 | | | 760 | | 15A |
| TOTAL CONNECTED VA LOAD | | | 4620 | 3340 | 2620 | | | |

100% SOLID NEUTRAL BUS
EQUIPMENT GROUND BUS

PANEL SCHEDULE

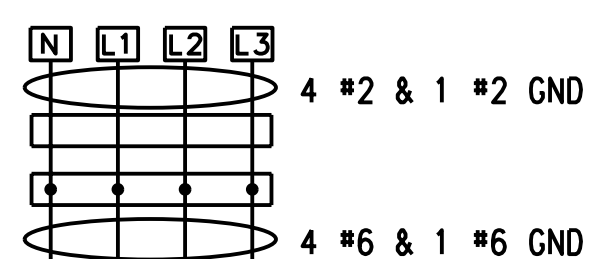
LEVELS ROAD INTERCHANGE- NORTHBOUND RAMPS

LI-21

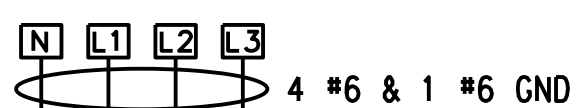


LIGHTING BY OTHERS (NOTE 1)

CIRCUIT SB-A



CIRCUIT SB-B

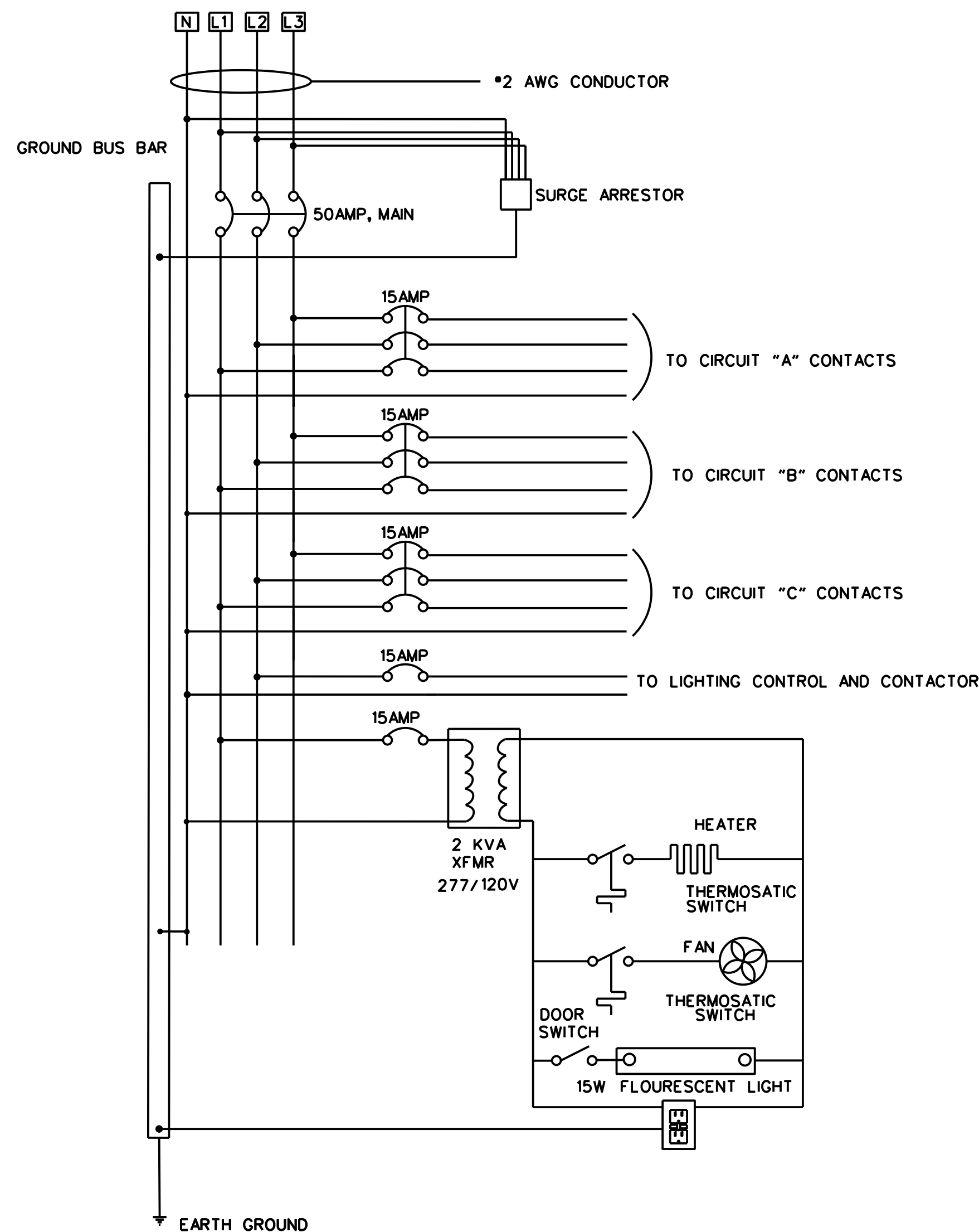
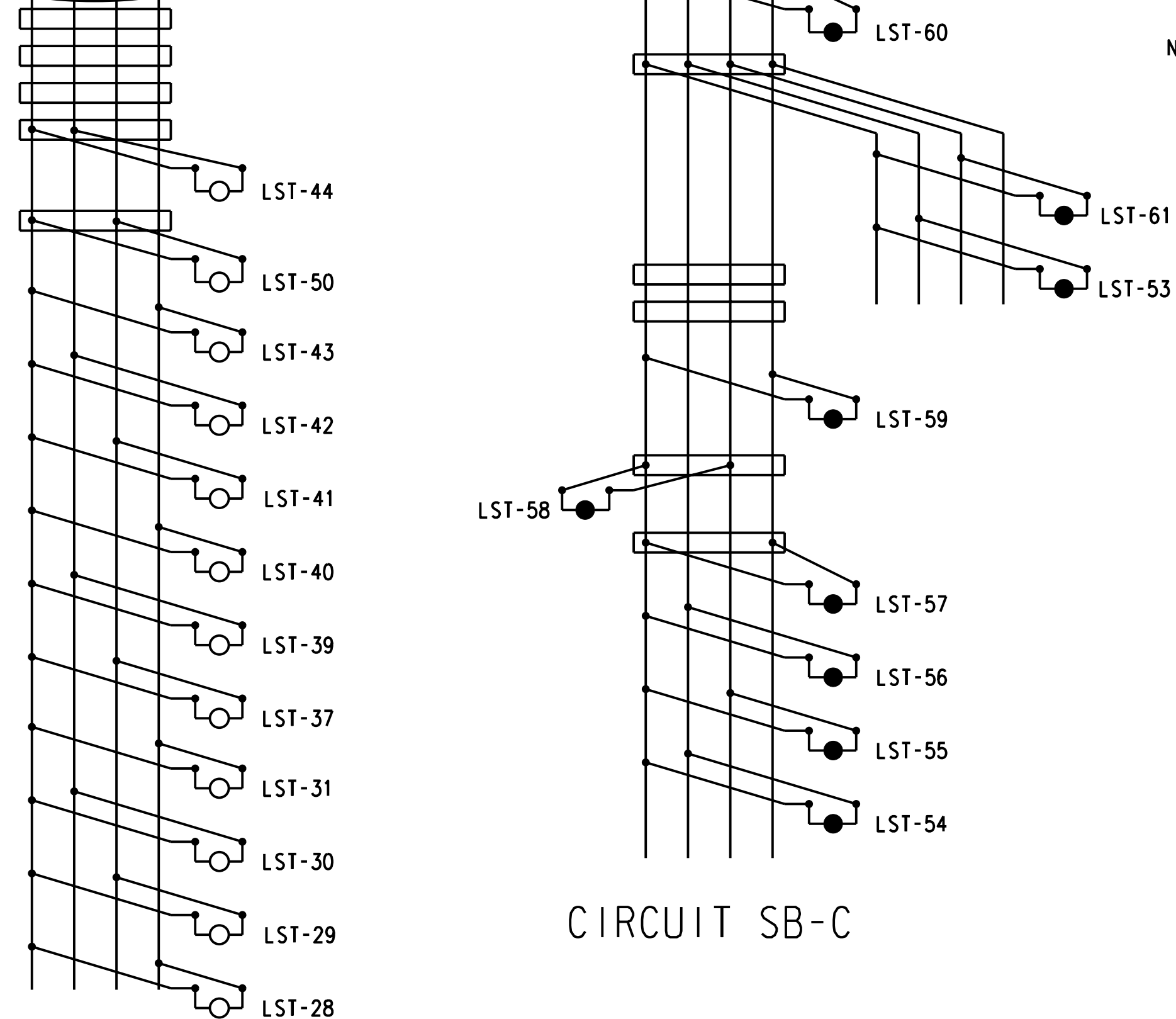


CIRCUIT SB-C

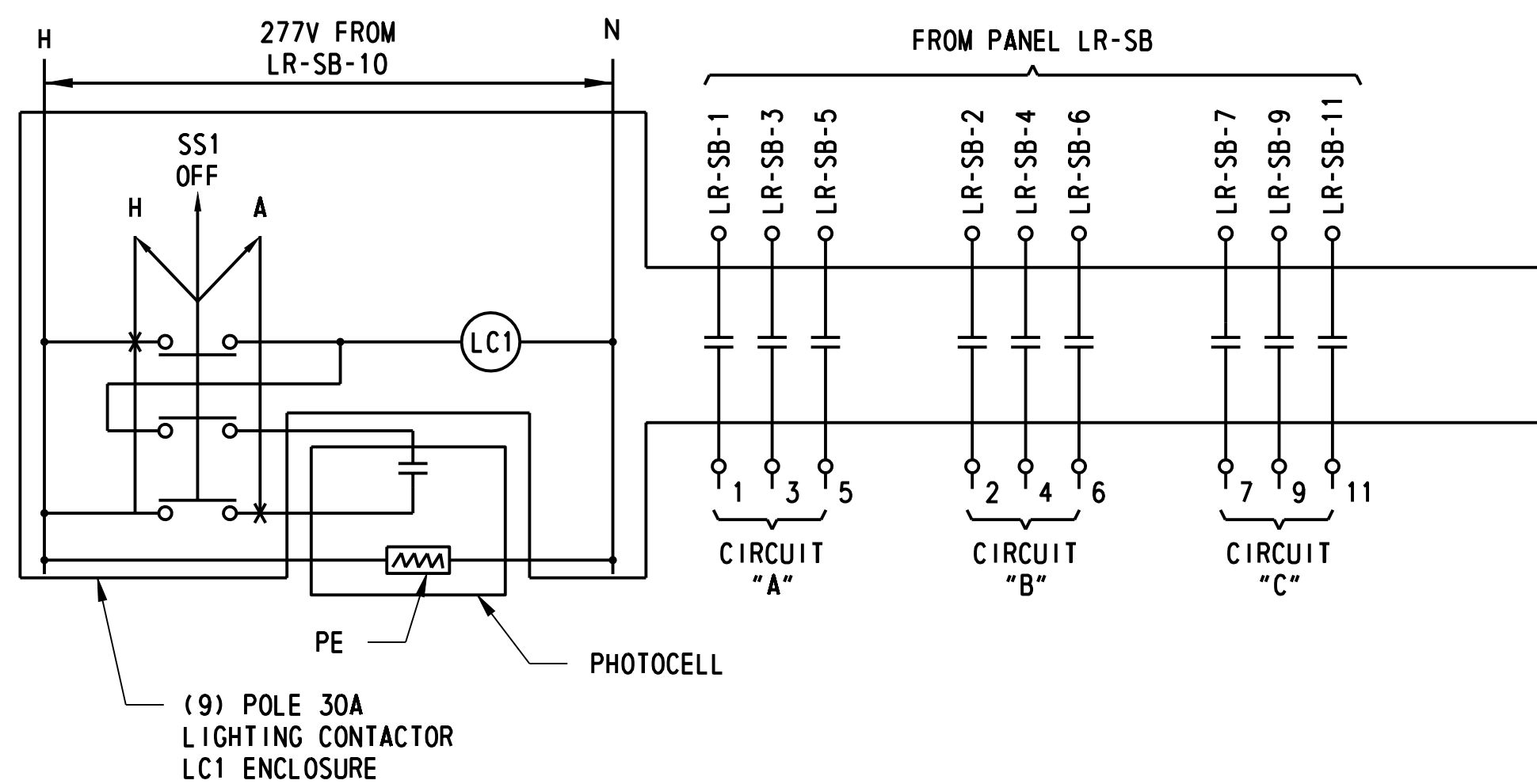
LEGEND

- CONDUIT JUCTION WELL
- 250W HPS LUMINAIRE, 277V
- 150W HPS LUMINAIRE, 277V

NOTE:
1. THERE ARE 2-150W LUMINAIRES AND 9-250W LUMINAIRES ON RAMP F. (BY OTHERS)



PANEL WIRING DIAGRAM



LIGHTING CONTROL DIAGRAM

| PANEL DESIGNATION | | TYPE: THREE PHASE 4W NUMBER OF POLES: 20 GROUND BUS RATING: 100% MAIN BUS RATING: 100A MAIN RATING: 50A 3P MCB | | | | LOCATION: LEVELS ROAD WITH RAMP E VOLTAGE: 277/480 VAC PANEL MOUNTING: PAD PANEL ENCLOSURE (NEMA): TYPE 3R PANEL MIN. A.I.C. RATING: 10KA | | | |
|-------------------------|-----------|--|---|------|------|---|-----------|----------|----|
| CIR. NO. | CIR. BKR. | DESCRIPTION | LOAD/PHASE | | | DESCRIPTION | CIR. BKR. | CIR. NO. | |
| | | | LOAD | L1 | L2 | | | | L3 |
| 1 | 15A | CIRCUIT "SB-A" (RAMP F) | 1120 | 2360 | | 1240 | 15A | 2 | |
| 3 | | | 1120 | | 2360 | 1240 | | 4 | |
| 5 | | | 930 | | | 2170 | | 1240 | 6 |
| 7 | 15A | CIRCUIT "SB-C" (INTERSECTION) | 570 | 2570 | | 2000 | 15A | 8 | |
| 9 | | | 570 | | 1170 | 600 | 15A | 10 | |
| 11 | | | 570 | | | 570 | 15A | 12 | |
| TOTAL CONNECTED VA LOAD | | | 4930 | 3530 | 2740 | | | | |
| | | | CU EQUIPMENT GROUND BUS 100% SOLID NEUTRAL BUS | | | | | | |

PANEL SCHEDULE

LEVELS ROAD INTERCHANGE- SOUTHBOUND RAMPS

LI-22



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

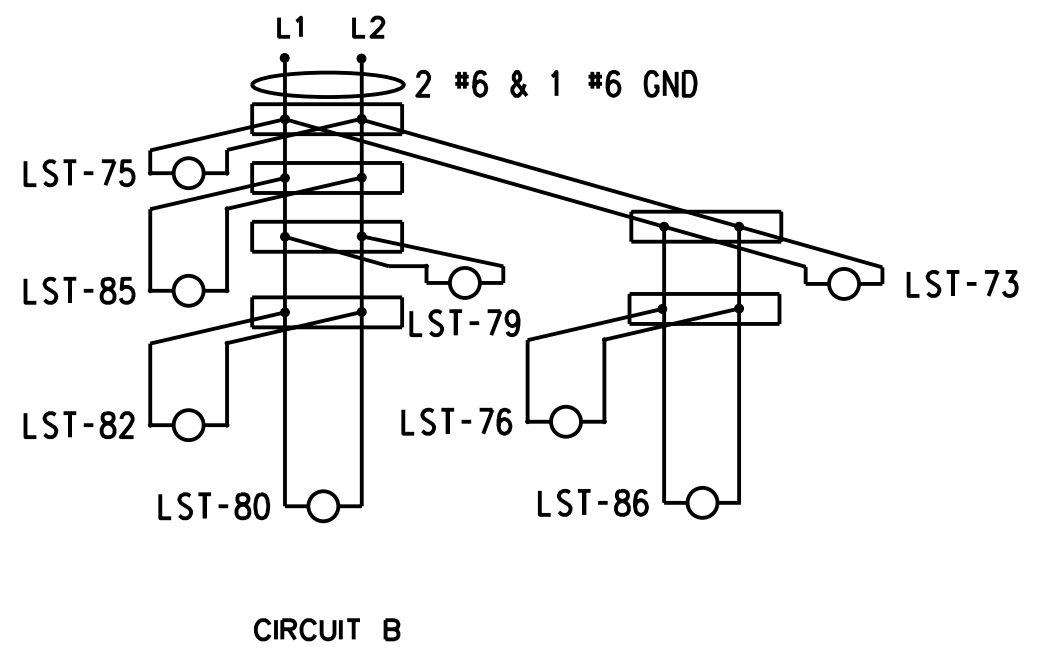
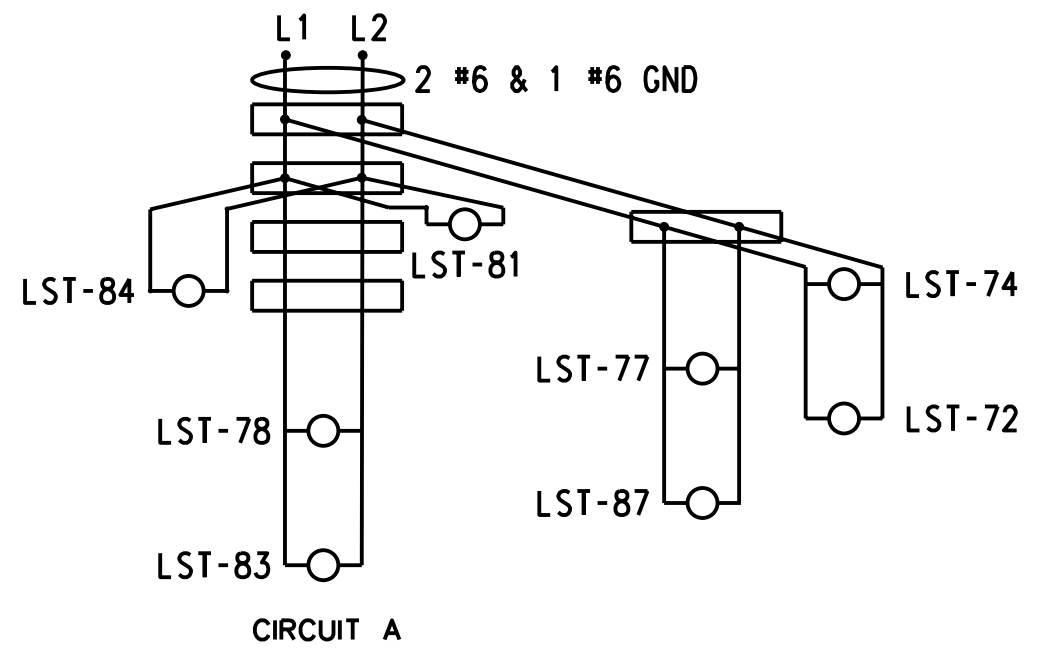
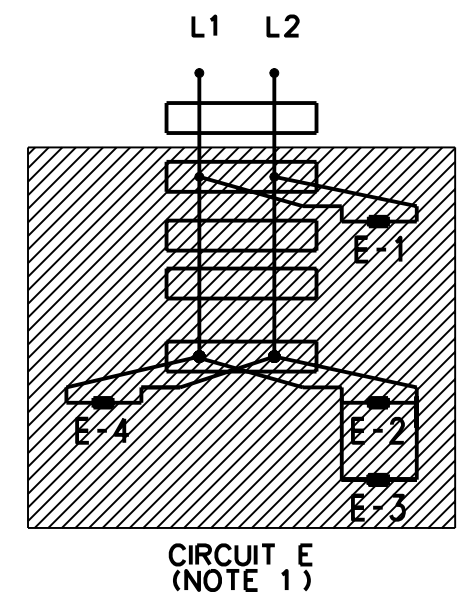
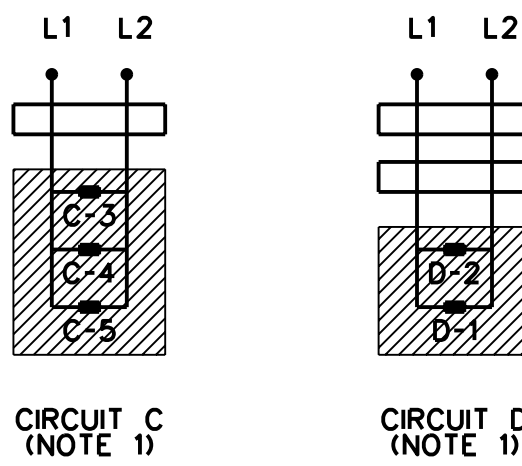
NOT TO SCALE

US 301
MARYLAND STATE LINE
TO LEVELS ROAD

| | |
|------------------------|-----------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: ML |
| | CHECKED BY: JM |

| | |
|--|--------------------|
| LIGHTING DETAILS LEVELS ROAD INTERCHANGE | SHEET NO. 687 |
| | TOTAL SHTS. 850 |

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LEGEND

CONDUIT JUCTION WELL

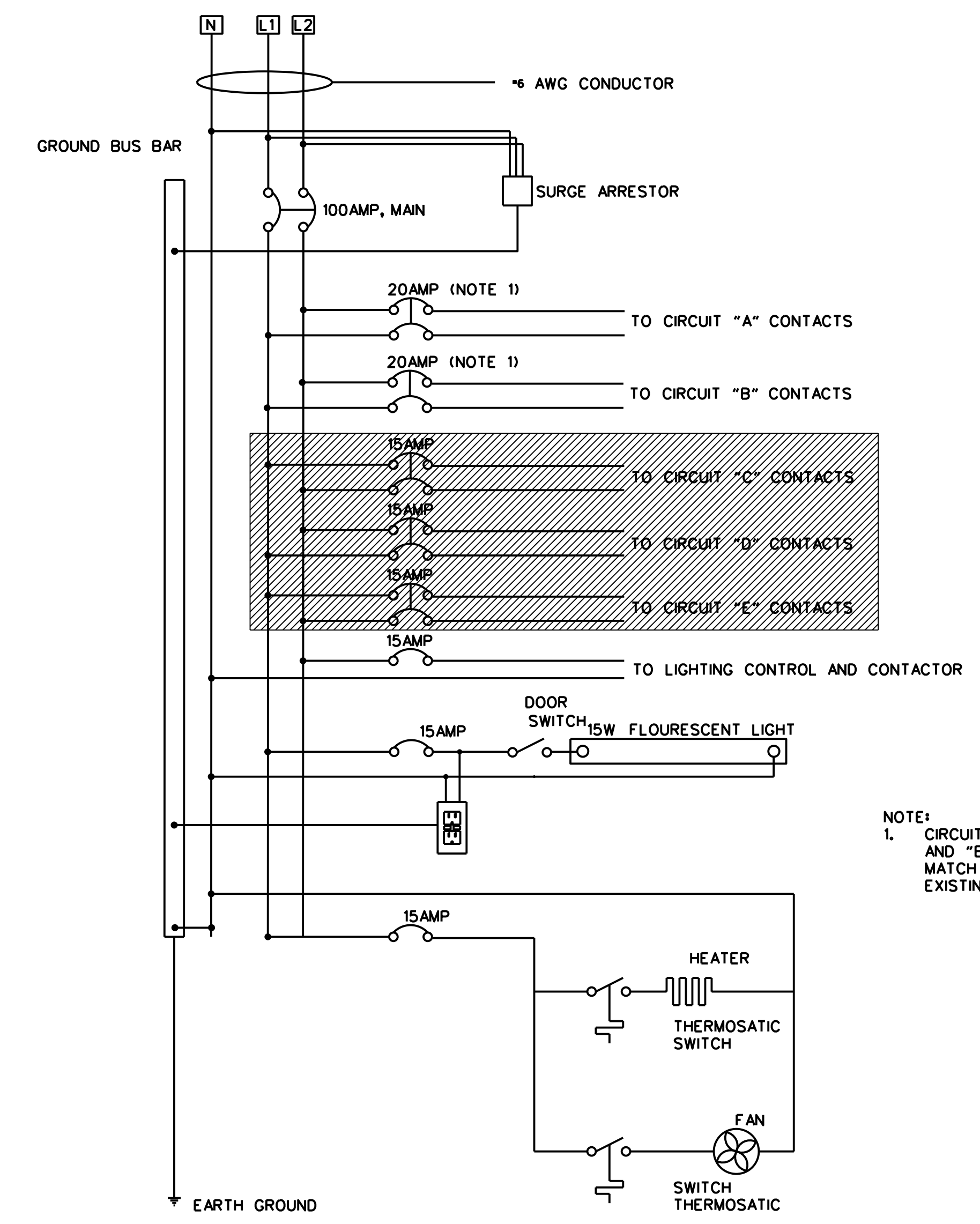
400W HPS LUMINAIRE, 240V

250W HPS LUMINAIRE, 240V

TO BE REMOVED

NOTES:

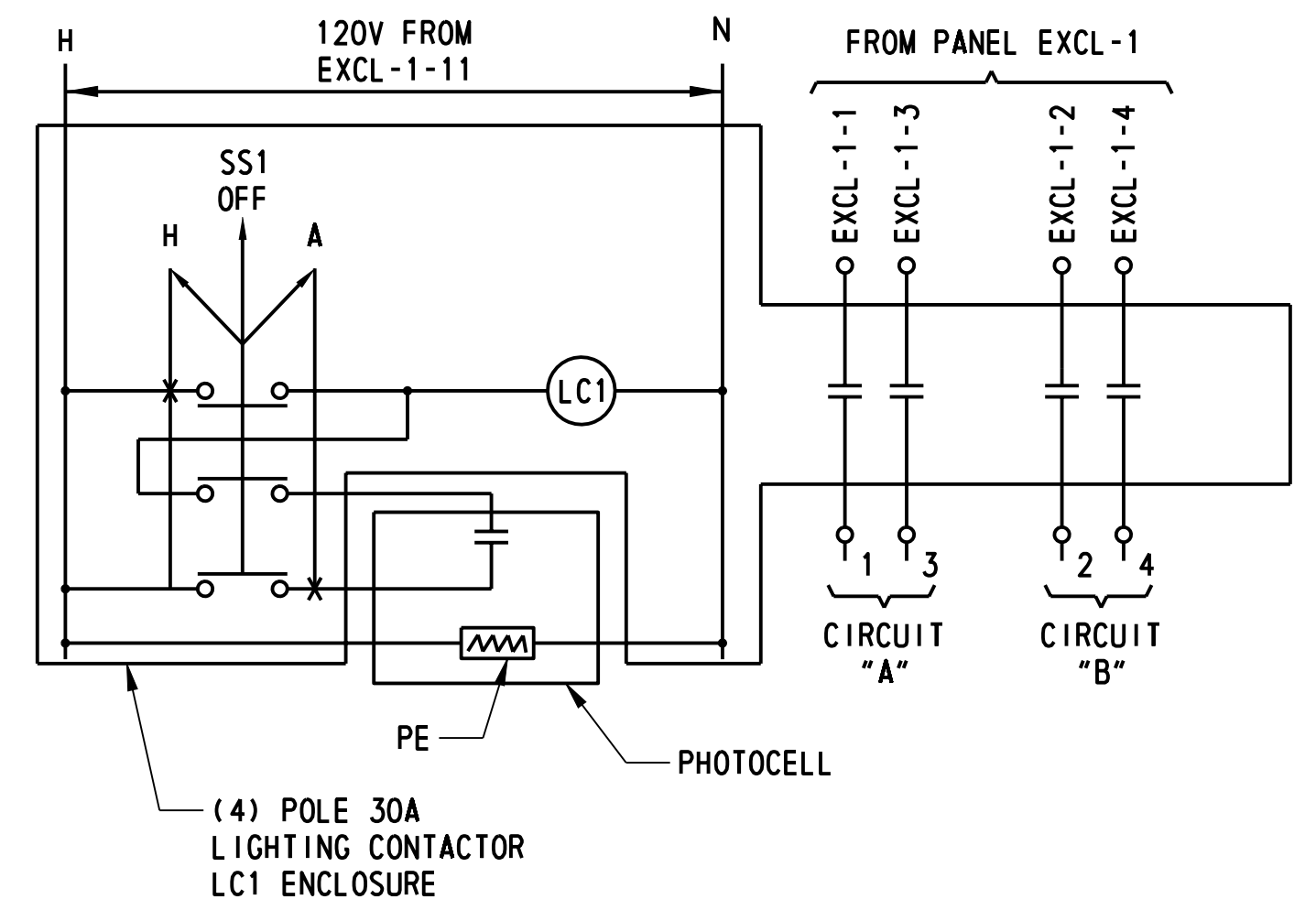
1. SEE PLANS FOR NEW POLE NUMBERS AND LUMINAIRES. EXISTING CIRCUITS C, D, & E TO BE REMOVED FROM PANEL BOARD AND PANEL BOARD TO BE RELABELED AS SHOWN BELOW IN EXISTING PANEL SCHEDULE.



NOTE:

1. CIRCUIT BREAKERS FOR CIRCUIT "A" AND "B" ARE NEW AND ARE TO MATCH TYPE NEEDED FOR EXISTING PANEL.

PANEL WIRING DIAGRAM



LIGHTING CONTROL DIAGRAM

| PANEL DESIGNATION | | TYPE: SINGLE PHASE 9W | | | | LOCATION: LEVELS ROAD WITH MIDDLETOWN WARWICK ROAD | | | |
|-------------------------|-----------|---------------------------|------------|------|------|--|--------------------|-----------|----------|
| EXCL-1 | | NUMBER OF POLES: - | | | | VOLTAGE: 120/240VAC | | | |
| | | GROUND BUS RATING: 100% | | | | PANEL MOUNTING: PAD | | | |
| | | MAIN BUS RATING: 100A | | | | PANEL ENCLOSURE (NEMA): TYPE 3R | | | |
| | | MAIN RATING: 100A 2P MCB | | | | PANEL MIN. A.I.C. RATING: 10KA | | | |
| CIR. NO. | CIR. BKR. | DESCRIPTION | LOAD/PHASE | | | | DESCRIPTION | CIR. BKR. | CIR. NO. |
| | | | LOAD | L1 | L2 | LOAD | | | |
| 1 | 20A | CIRCUIT "A" | 1240 | 2480 | | 1240 | CIRCUIT "B" | 20A | 2 |
| 3 | | | 1240 | | 2480 | 1240 | | | 4 |
| 5 | | | | | | | | 6 | |
| 7 | | | | | | | | 8 | |
| 9 | 15A | FAN AND HEATER | 720 | 915 | | 195 | RECEPTACLE & LIGHT | 15A | 10 |
| 11 | 15A | PHOTO CONTROL & CONTACTOR | 600 | | 600 | | | | 12 |
| TOTAL CONNECTED VA LOAD | | | | 3395 | 3080 | | | | |
| | | | | 6475 | | | | | |

100% SOLID NEUTRAL BUS
CU EQUIPMENT GROUND BUS

EXISTING PANEL SCHEDULE

LI-23

J:\2008 PROJECTS\E3X34801\700CADD\750AET\LIGHT\LL_301AET_023.DGN



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

NOT TO SCALE

US 301
MARYLAND STATE LINE
TO LEVELS ROAD

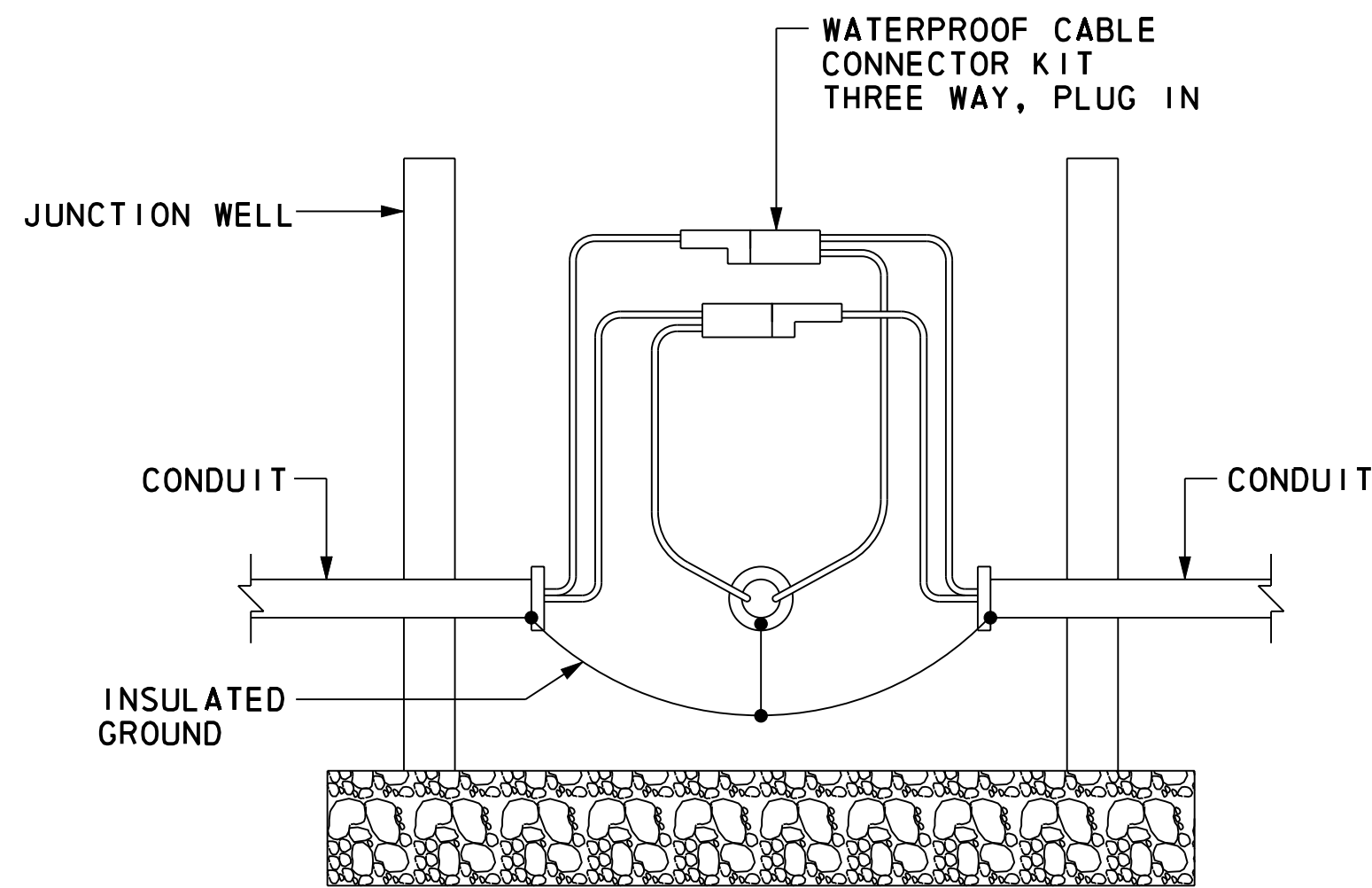
| | |
|------------|-----------------|
| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: ML |
| NEW CASTLE | CHECKED BY: JM |

LIGHTING DETAILS
LEVELS ROAD
AT WARWICK
MIDDLETOWN ROAD

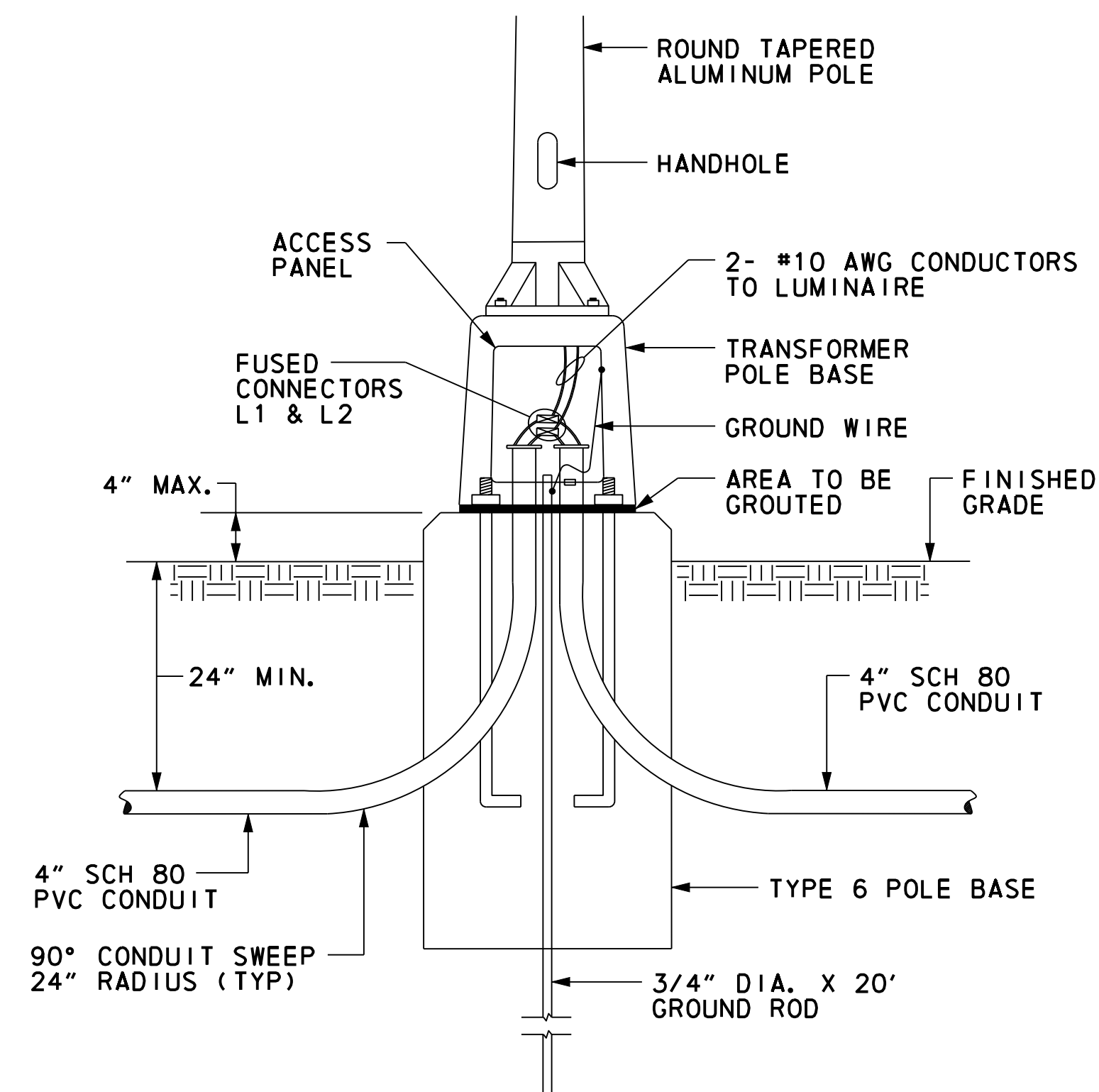
| |
|-------------|
| SHEET NO. |
| 688 |
| TOTAL SHTS. |
| 850 |

NOTES:

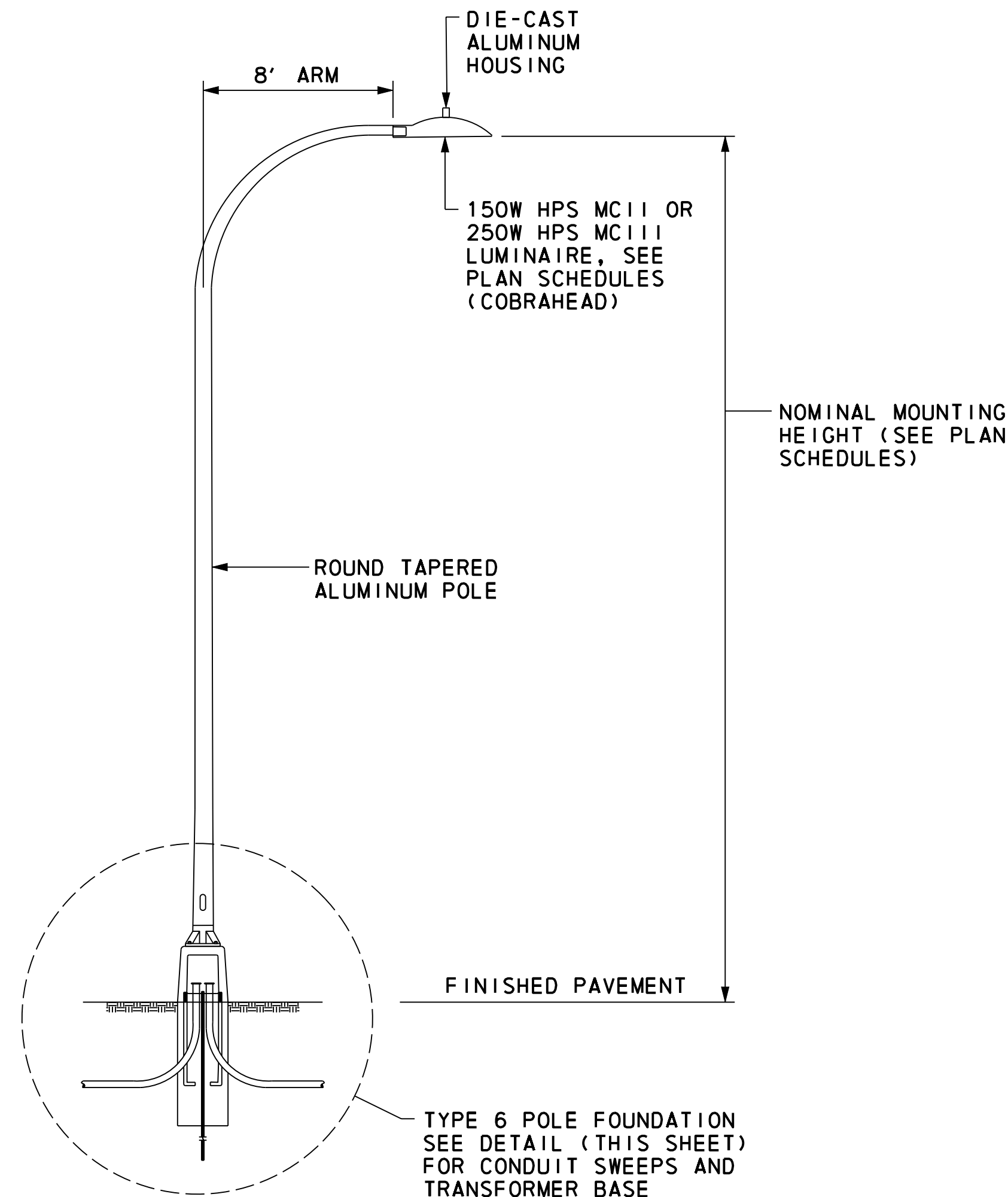
1. CONDUIT BUSHINGS SHALL BE USED AT EACH END OF EVERY CONDUIT TO PREVENT CABLE DAMAGE.
2. CONNECTOR/FUSE KITS WILL BE INCIDENTAL TO THE PROVISION OF THE CONDUCTORS.
3. ALL LUMINAIRES WILL HAVE STANDARD 2" TENON MOUNTING.
4. INSULATION ON LIGHTING CONDUCTORS SHALL BE DIFFERENT COLORS, L1 CONDUCTOR SHALL BE BLACK, AND L2 CONDUCTOR SHALL BE RED.



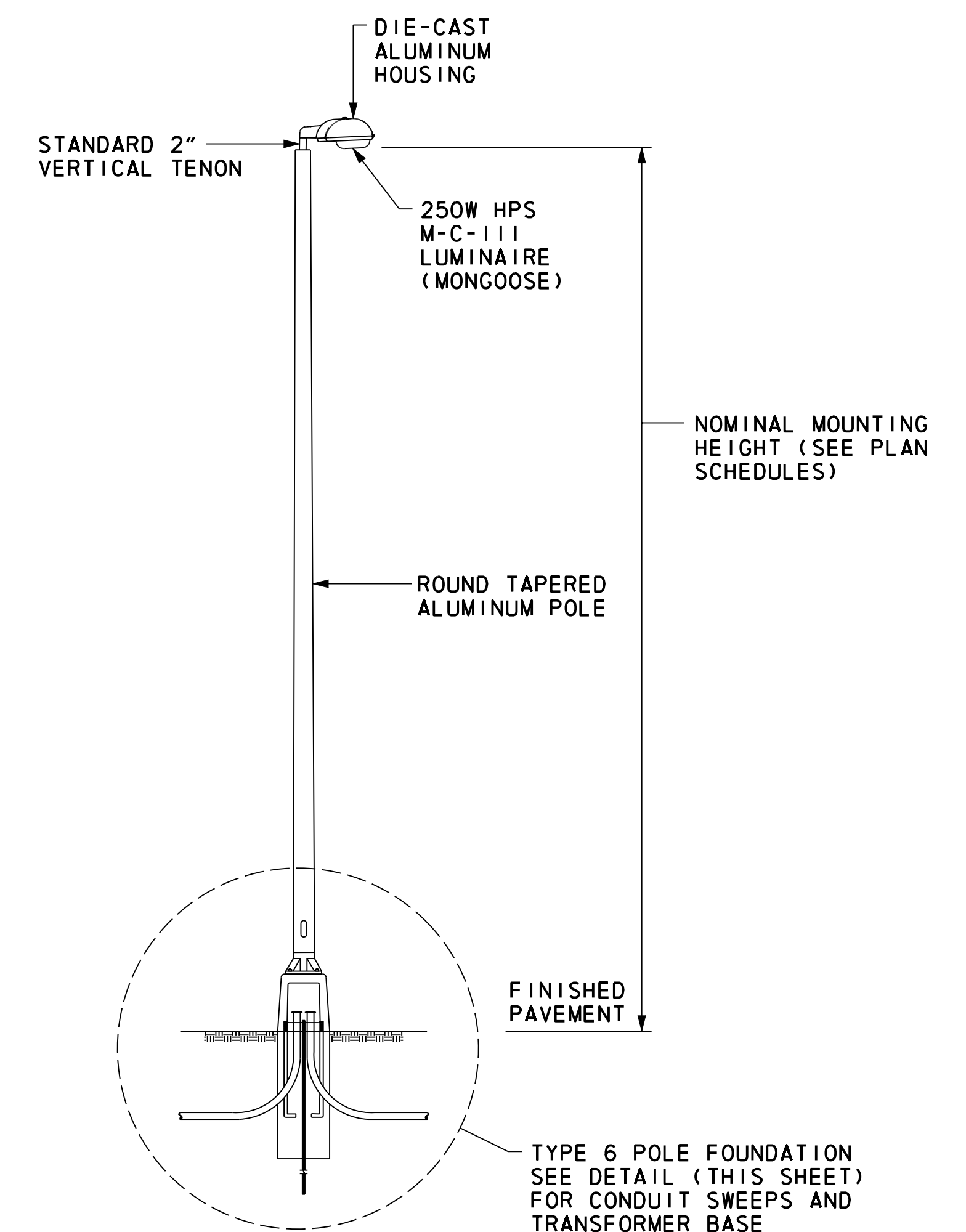
THREWAY SPLICE
NOT TO SCALE



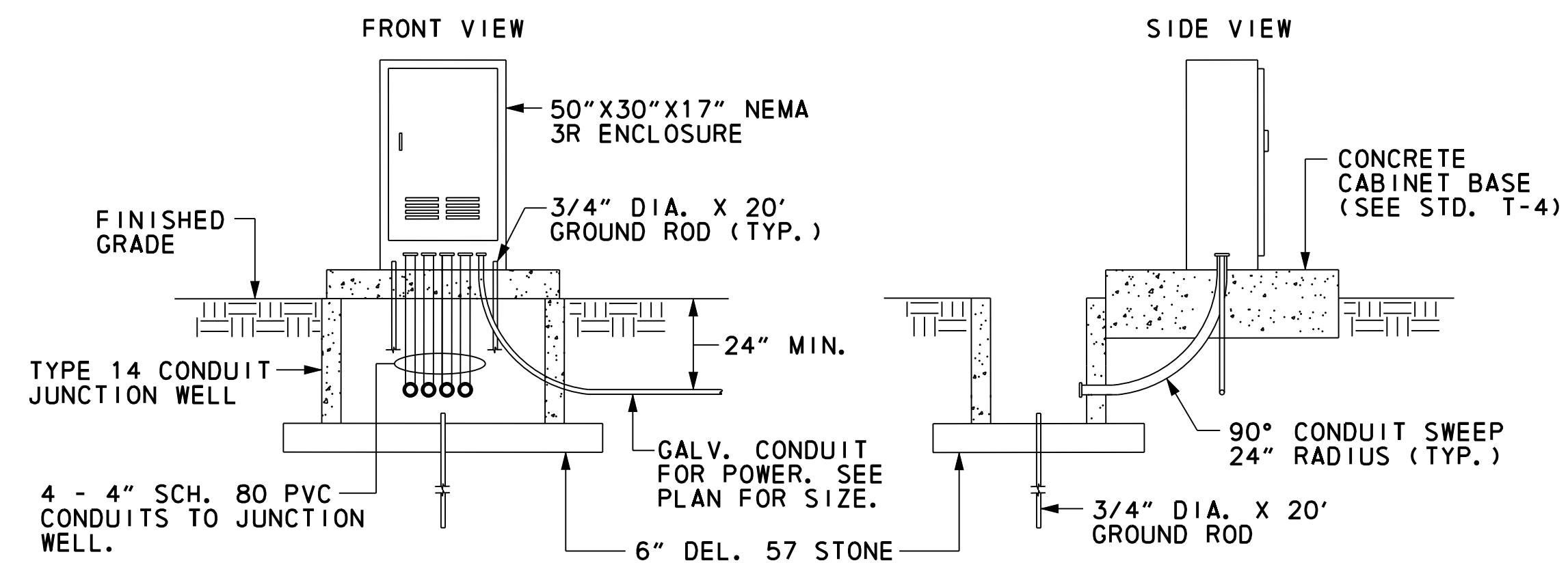
TYPICAL LIGHT POLE FOUNDATION
NOT TO SCALE



TYPICAL LIGHT STANDARD WITH SINGLE DAVIT ARM
NOT TO SCALE

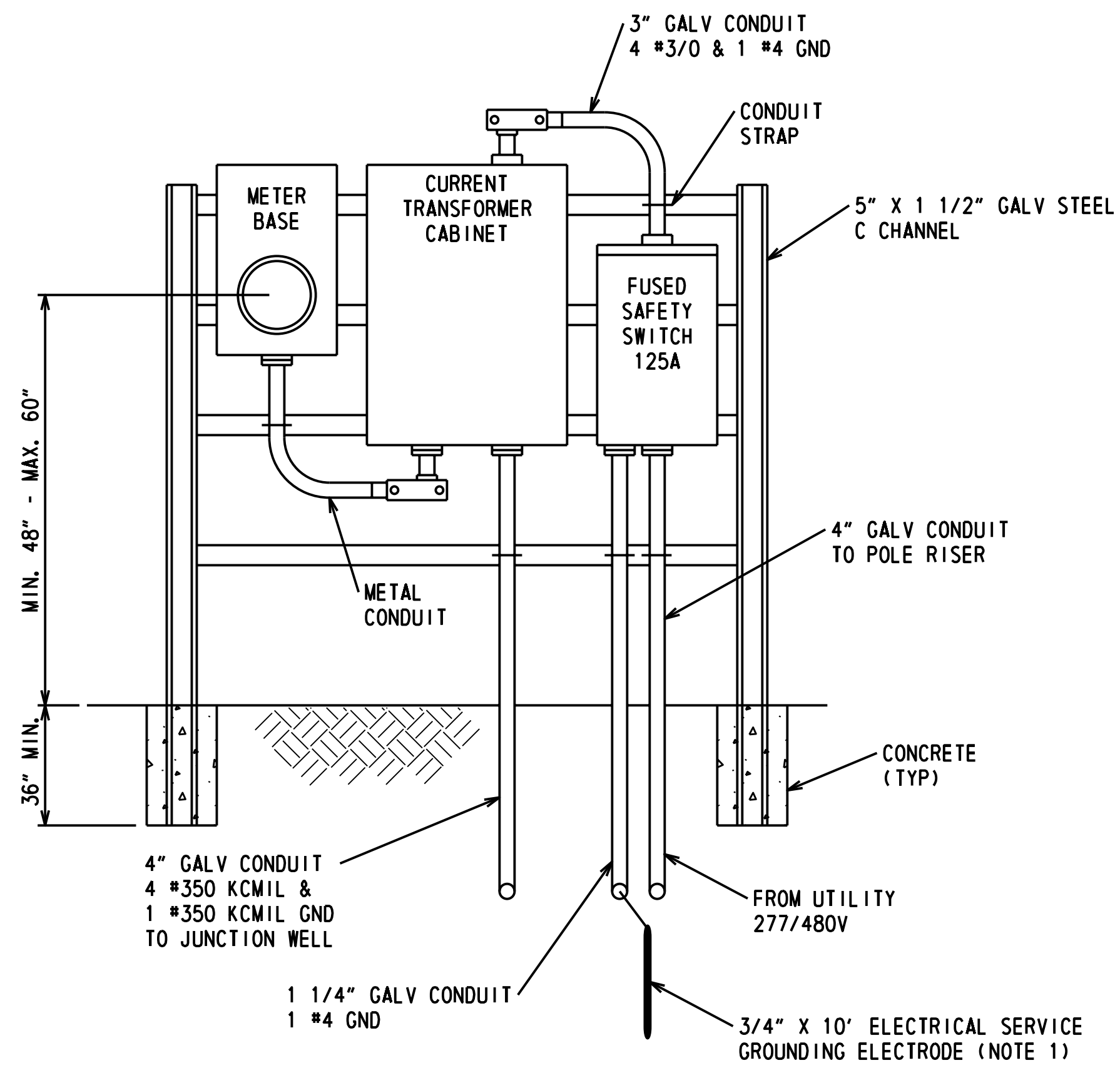


TYPICAL LIGHT STANDARD
NOT TO SCALE

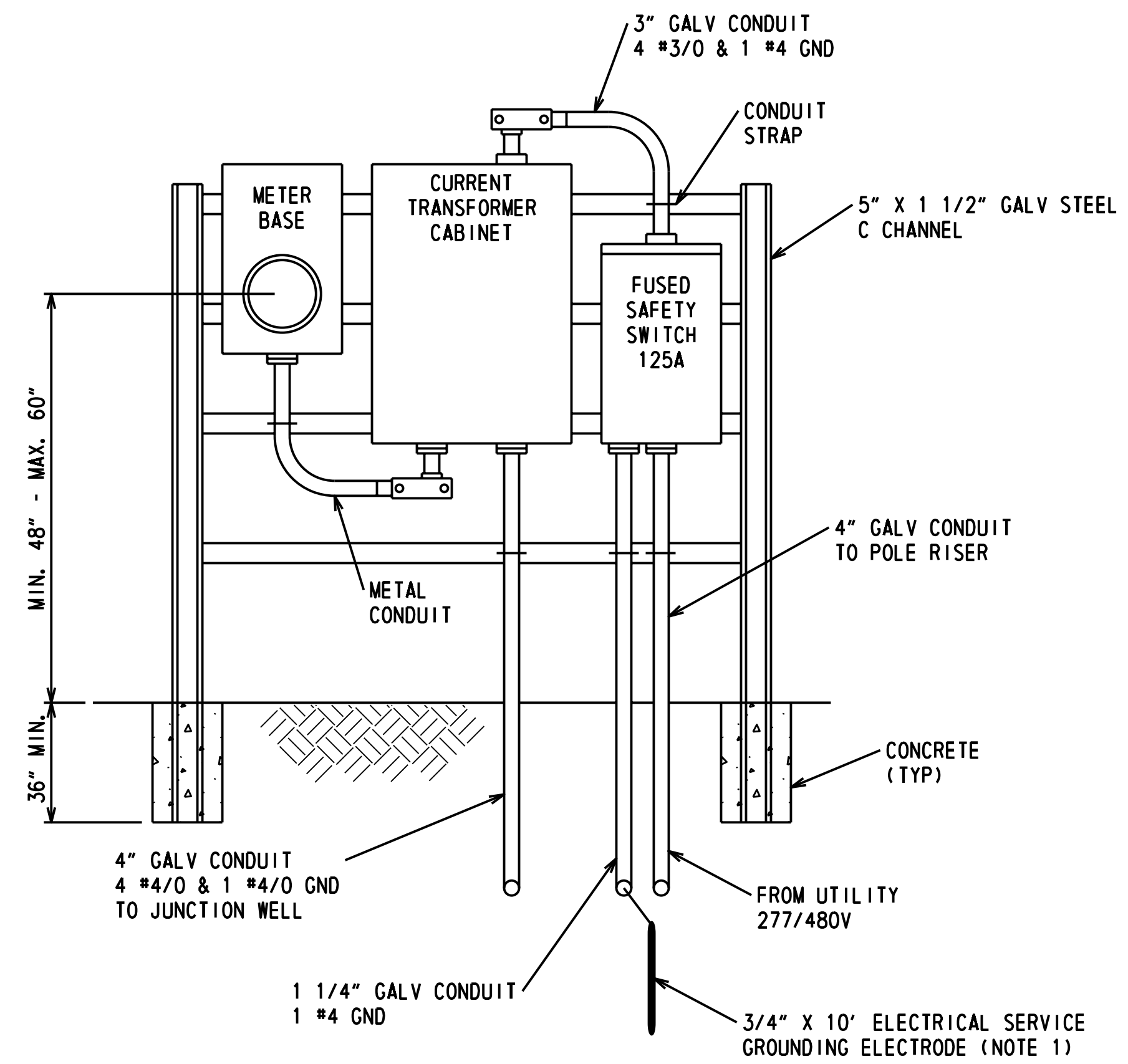


LIGHTING AND EQUIPMENT ENCLOSURE
NOT TO SCALE

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SERVICE FOR ITMS, SIGNAL, AND TOLL BOOTHS



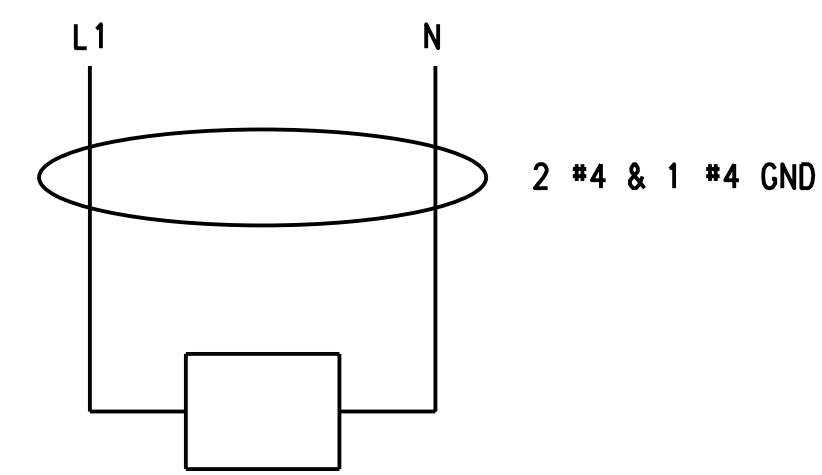
SERVICE FOR LIGHTING

NOTES:

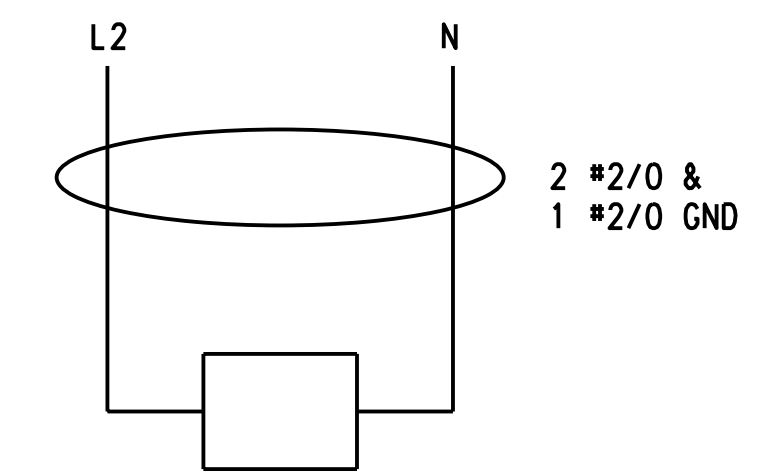
- IF THE RESISTANCE TO EARTH IS GREATER THAN 25 OHMS, THAN A SECOND ELECTRODE SHALL BE ADDED (NEC 2011 250.53. A. 2 EXCEPTION).
- SEE PLANS FOR LOCATION WHERE WIRES ARE REDUCED IN SIZE BASED ON VOLTAGE DROP.

| PANEL DESIGNATION | | TYPE: THREE PHASE 4W NUMBER OF POLES: 20 GROUND BUS RATING: 100% MAIN BUS RATING: 100A MAIN RATING: 100A 3P MCB | | LOCATION: RAMP D INTERSECTION VOLTAGE: 277/480 VAC PANEL MOUNTING: PAD PANEL ENCLOSURE (NEMA): TYPE 3R PANEL MIN. A.I.C. RATING: 10KA | | | | | | |
|-------------------------|-----------|---|------------|---|--------|--------|---|-------------------------------|----------|------|
| CIR. NO. | CIR. BKR. | DESCRIPTION | LOAD/PHASE | | | | DESCRIPTION | CIR. BKR. | CIR. NO. | |
| | | | LOAD | L1 | L2 | L3 | | | | LOAD |
| 1 | 15A | SPARE | | 500 | | | 500 | CCTV @ 1291+50 | 15A | 2 |
| 3 | 15A | SPARE | | | 3000 | | 3000 | RWIS @ 255+50 | 20A | 4 |
| 5 | 15A | TRAFFIC SIGNAL INTERSECTION E | 1500 | | | 3000 | 1500 | TRAFFIC SIGNAL INTERSECTION D | 15A | 6 |
| 7 | 80A | TOLL BOOTHS | 17,334 | 17,334 | | | | SPARE | 15A | 8 |
| 9 | | | 17,333 | | 18,053 | | 720 | FAN AND HEATER | 15A | 10 |
| 11 | | | 17,333 | | | 17,333 | | SPARE | 15A | 12 |
| TOTAL CONNECTED VA LOAD | | | | 17,834 | 21,053 | 20,333 | | | | |
| | | | 59,220 | | | | NOTE: REFER TO ITMS PLANS FOR CONNECTION TO LOADS | | | |

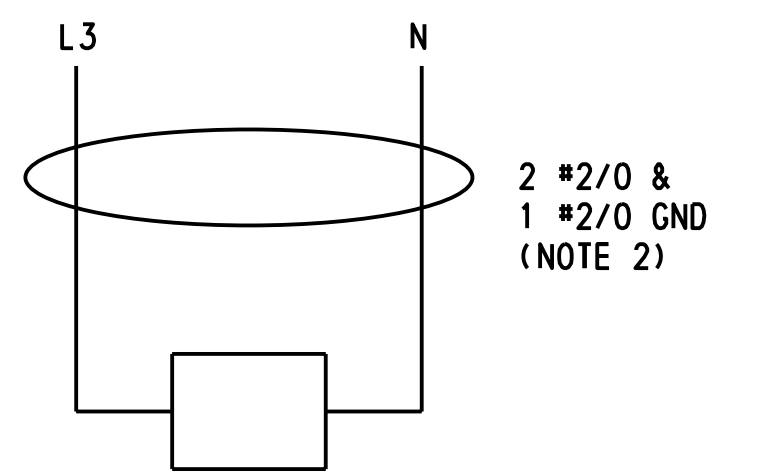
100% SOLID NEUTRAL BUS
CU EQUIPMENT GROUND BUS



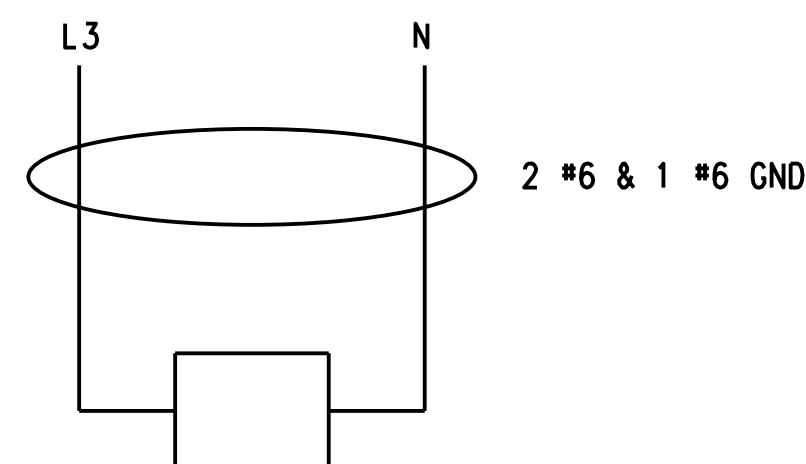
CCTV @ 1291+50
CIRCUIT NO. 2



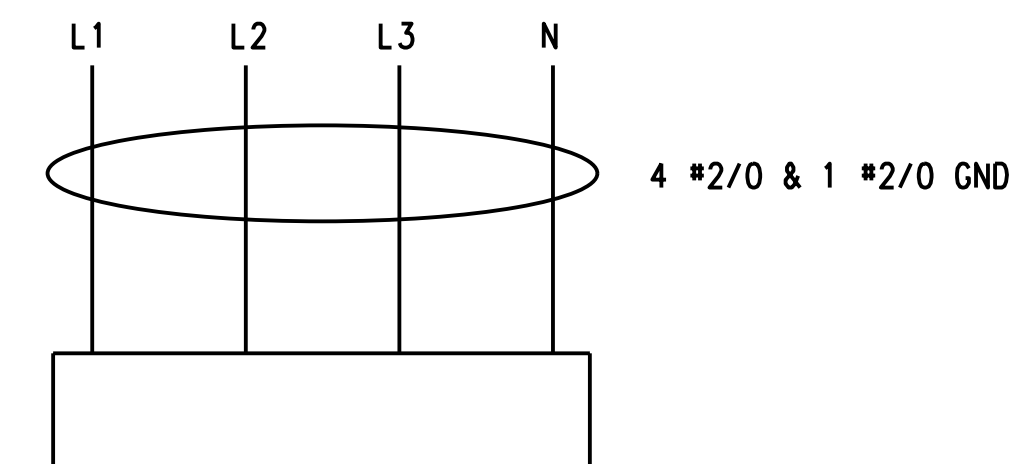
RWIS @ 255+50
CIRCUIT NO. 4



TRAFFIC SIGNAL RAMP E & LEVELS ROAD
CIRCUIT NO. 5



TRAFFIC SIGNAL RAMP D & LEVELS ROAD
CIRCUIT NO. 6



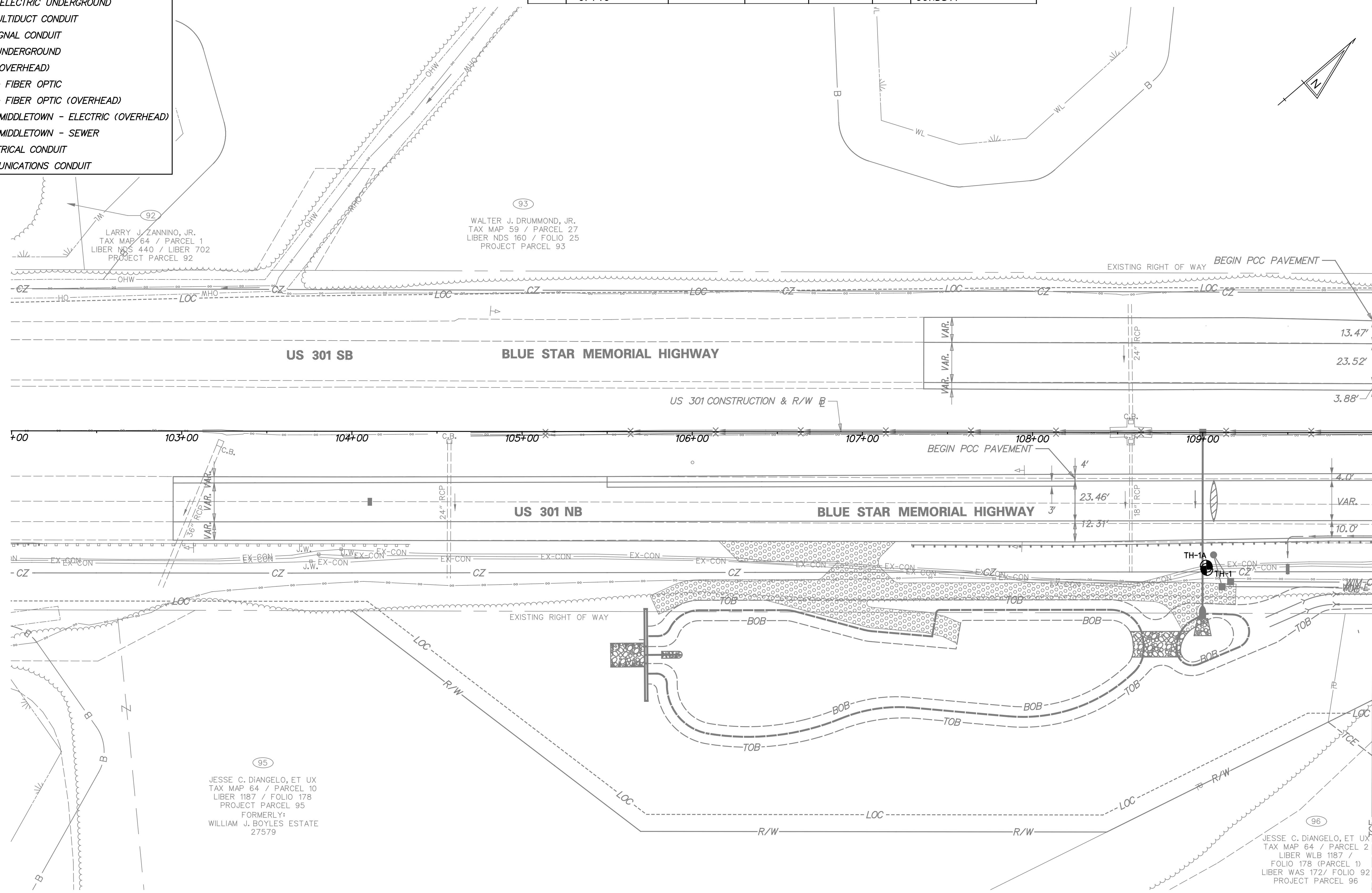
TOLL BOOTHS
CIRCUIT NO. 7, 9, & 11

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LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

| UTILITY TEST HOLE SCHEDULE | | | | | | |
|----------------------------|--------------------|-----------|-----------|----------|-------|---------------------------|
| NO. | UTILITY | STATION | OFFSET | GRND EL. | COVER | O. D. & MATERIAL |
| 1 | DELDOT ELECTRIC | 109+02.4± | 80.6' RT. | 62.20 | 2.41' | (2) 2 1/4" STEEL |
| 1A | DELDOT FIBER OPTIC | 109+02.2± | 78.6' RT. | 62.73 | 2.65' | 4 1/2" PLASTIC FO CONDUIT |



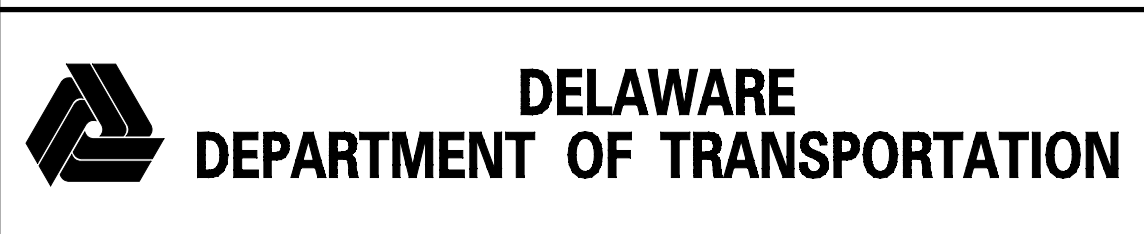
92
LARRY J. ZANNINO, JR.
TAX MAP 64 / PARCEL 1
LIBER NDS 440 / LIBER 702
PROJECT PARCEL 92

93
WALTER J. DRUMMOND, JR.
TAX MAP 59 / PARCEL 27
LIBER NDS 160 / FOLIO 25
PROJECT PARCEL 93

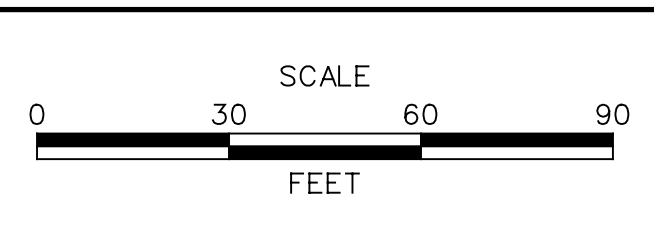
95
JESSE C. DIANGELO, ET UX
TAX MAP 64 / PARCEL 10
LIBER 1187 / FOLIO 178
PROJECT PARCEL 95
FORMERLY:
WILLIAM J. BOYLES ESTATE
27579

96
JESSE C. DIANGELO, ET UX
TAX MAP 64 / PARCEL 2
LIBER WLB 1187 /
FOLIO 178 (PARCEL 1)
LIBER WAS 172 / FOLIO 92
PROJECT PARCEL 96

MATCH LINE STA 110+00 SHEET UT-02



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



**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

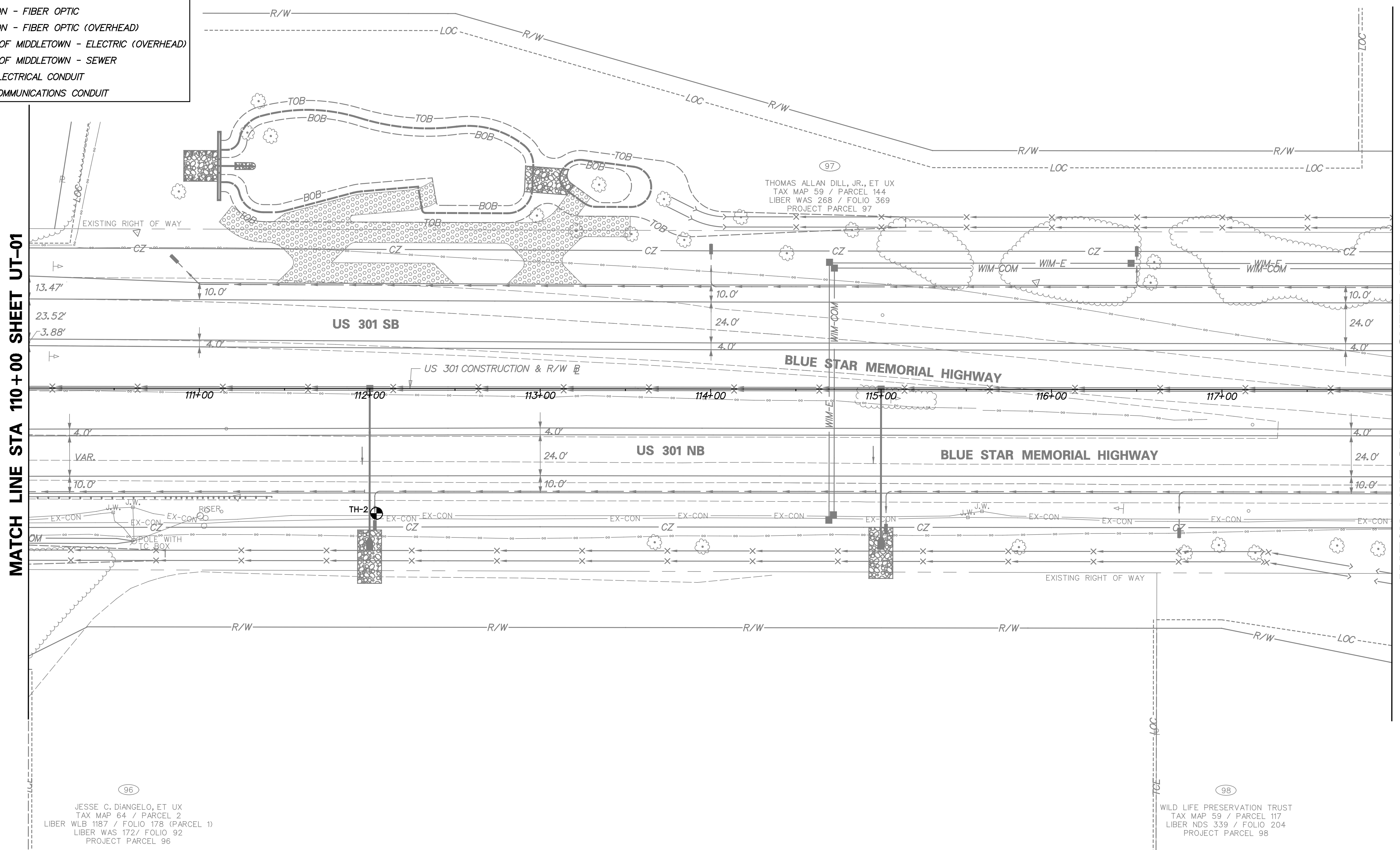
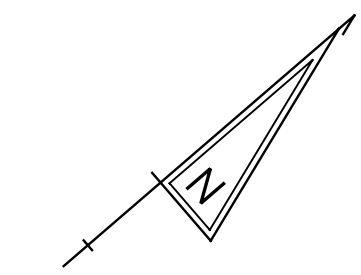
UTILITY RELOCATION PLAN

| | |
|--------------|--------------------|
| UT-01 | SHEET NO. 691 |
| | TOTAL SHTS. 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

| UTILITY TEST HOLE SCHEDULE | | | | | | |
|----------------------------|--------------------|-----------|-----------|----------|-------|--|
| NO. | UTILITY | STATION | OFFSET | GRND EL. | COVER | O. D. & MATERIAL |
| 2 | DELDOT FIBER OPTIC | 112+04.5± | 73.2' RT. | 67.60 | 2.43' | 4 1/2" PLASTIC FO & 2 1/4" STEEL E-CONDUIT |



MATCH LINE STA 110+00 SHEET UT-01

MATCH LINE STA 118+00 SHEET UT-03

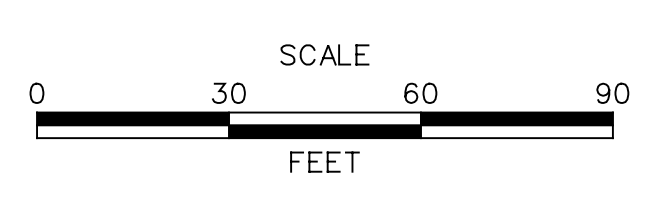
96
 JESSE C. DIANGELO, ET UX
 TAX MAP 64 / PARCEL 2
 LIBER WLB 1187 / FOLIO 178 (PARCEL 1)
 LIBER WAS 172 / FOLIO 92
 PROJECT PARCEL 96

98
 WILD LIFE PRESERVATION TRUST
 TAX MAP 59 / PARCEL 117
 LIBER NDS 339 / FOLIO 204
 PROJECT PARCEL 98

UT-02



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

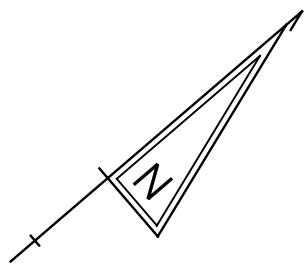


**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

| |
|--------------------|
| SHEET NO. 692 |
| TOTAL SHTS. 850 |

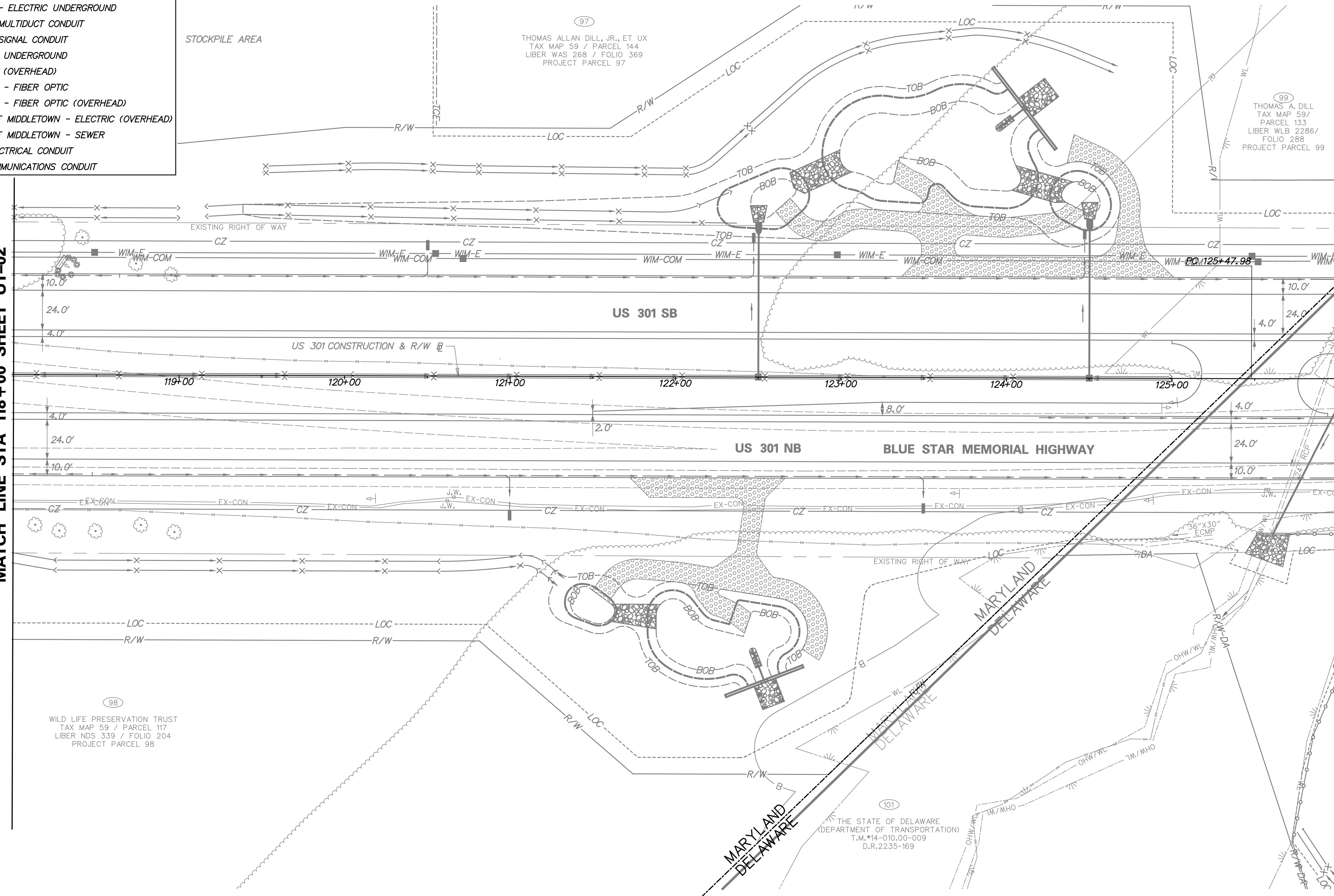


LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

MATCH LINE STA 118+00 SHEET UT-02

MATCH LINE STA 126+00 SHEET UT-04

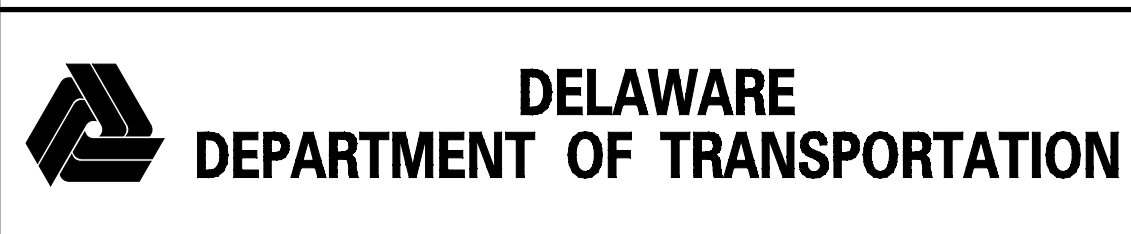


98
WILD LIFE PRESERVATION TRUST
TAX MAP 59 / PARCEL 117
LIBER NDS 339 / FOLIO 204
PROJECT PARCEL 98

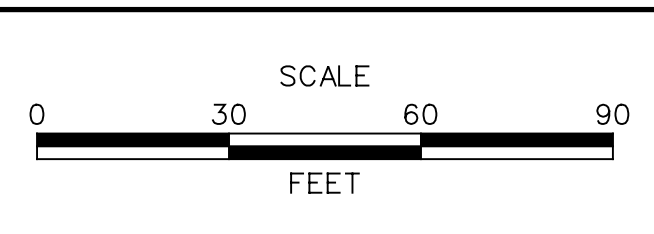
97
THOMAS ALLAN DILL, JR., ET UX
TAX MAP 59 / PARCEL 144
LIBER WAS 268 / FOLIO 369
PROJECT PARCEL 97

99
THOMAS A. DILL
TAX MAP 59/
PARCEL 133
LIBER WLB 2286/
FOLIO 288
PROJECT PARCEL 99

101
THE STATE OF DELAWARE
(DEPARTMENT OF TRANSPORTATION)
T.M.*14-010.00-009
D.R.2235-169



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



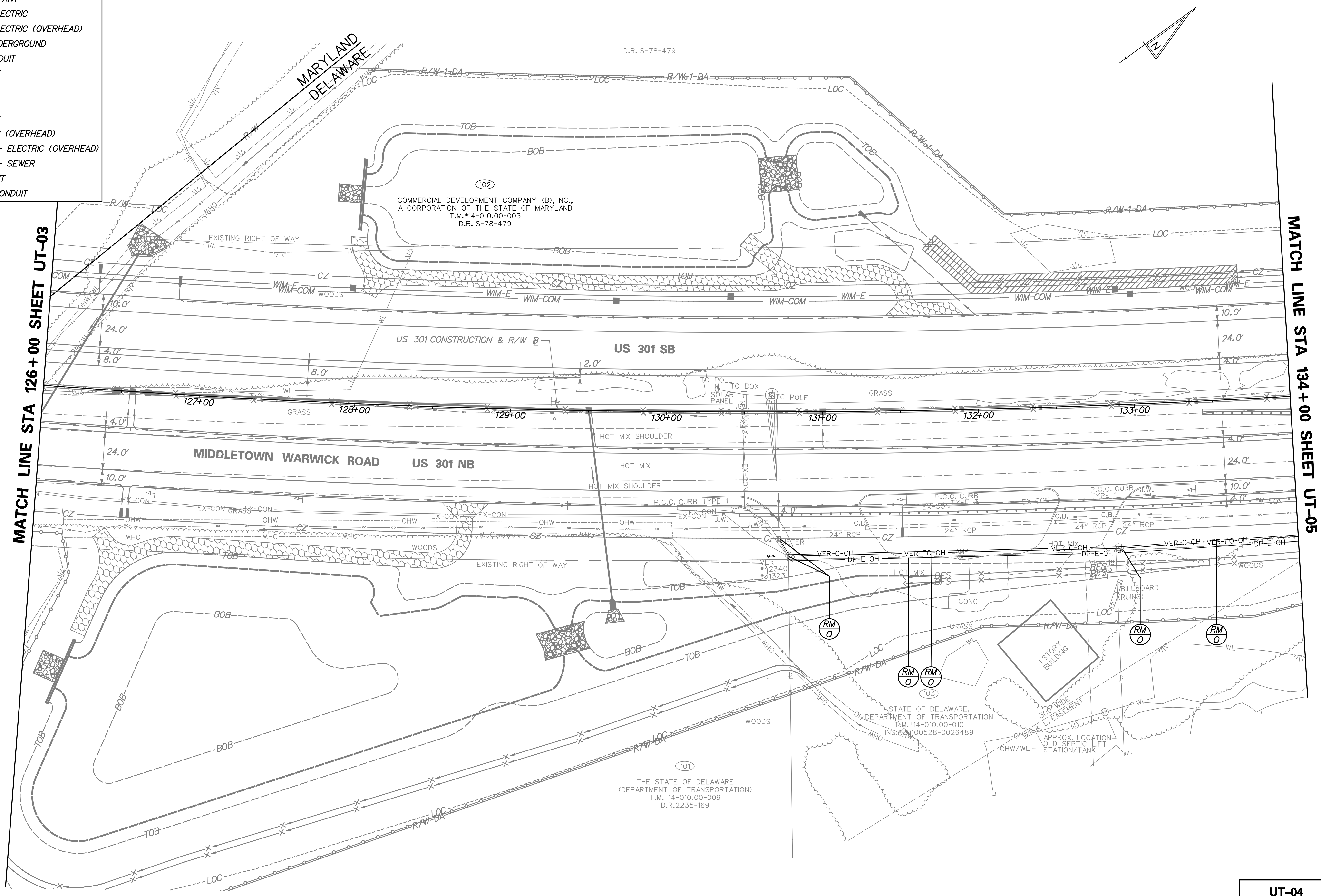
**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

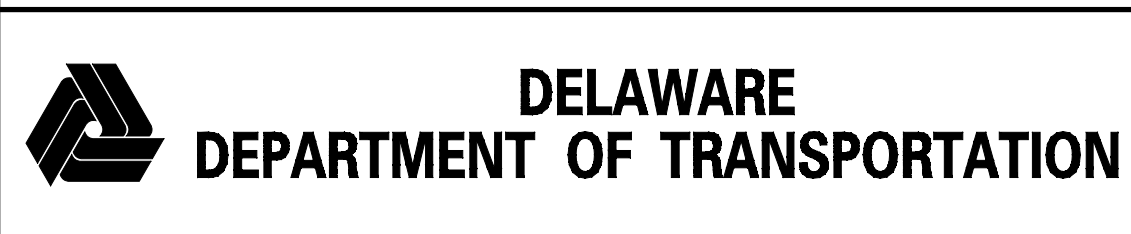
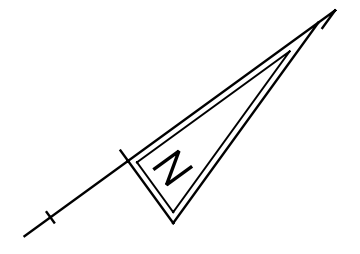
| | |
|--------------|--------------------|
| UT-03 | SHEET NO. 693 |
| | TOTAL SHTS. 850 |

- LEGEND**
- AW-W— ARTESIAN WATER COMPANY
 - CU-G— CHESAPEAKE GAS COMPANY
 - DP-E— DELMARVA POWER - ELECTRIC
 - DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
 - DOT-E— DELDOT - ELECTRIC UNDERGROUND
 - ITMS-CON— DELDOT MULTIDUCT CONDUIT
 - SIG-CON— DELDOT SIGNAL CONDUIT
 - VER-C— VERIZON UNDERGROUND
 - VER-C-OH— VERIZON (OVERHEAD)
 - VER-FO— VERIZON - FIBER OPTIC
 - VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
 - TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
 - TM-S— TOWN OF MIDDLETOWN - SEWER
 - WIM-E— WIM ELECTRICAL CONDUIT
 - WIM-COM— WIM COMMUNICATIONS CONDUIT

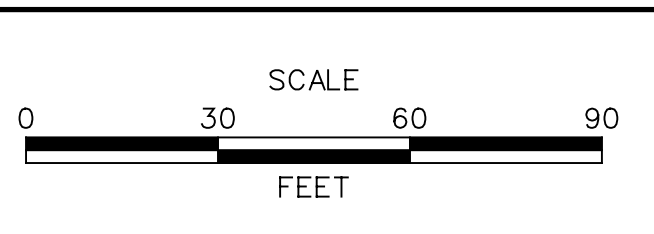


MATCH LINE STA 126+00 SHEET UT-03

MATCH LINE STA 134+00 SHEET UT-05



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



**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

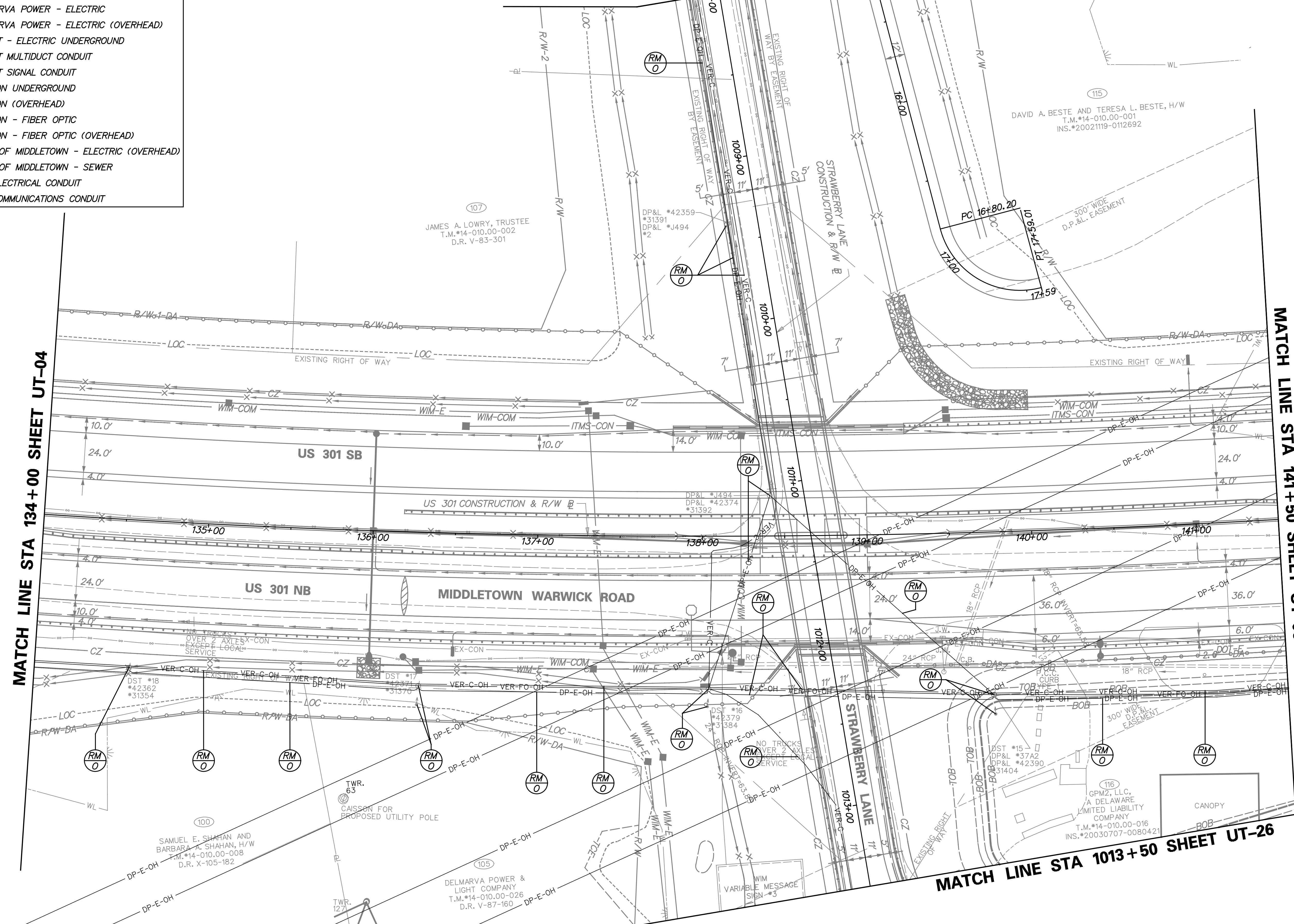
| |
|--------------------|
| UT-04 |
| SHEET NO. 694 |
| TOTAL SHTS. 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

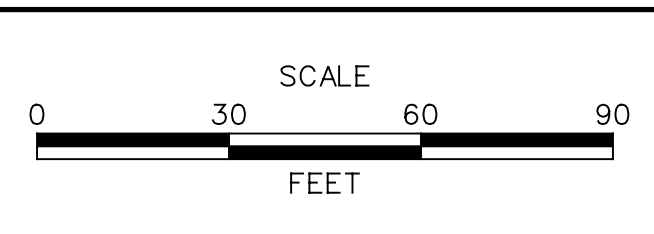
MATCH LINE STA 134+00 SHEET UT-04

MATCH LINE STA 141+50 SHEET UT-06



MATCH LINE STA 1013+50 SHEET UT-26

| ADDENDUMS / REVISIONS | |
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US 301 MARYLAND STATE LINE TO LEVELS ROAD

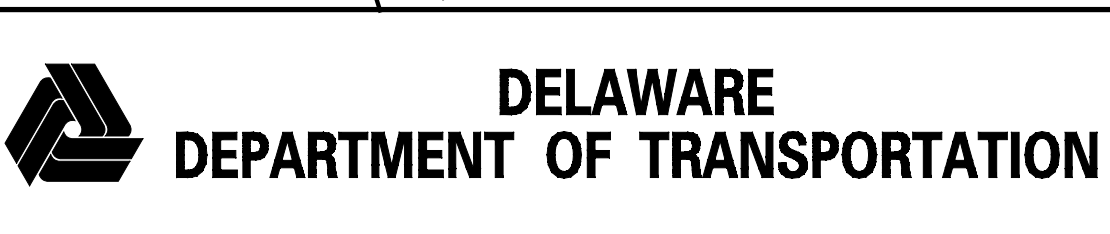
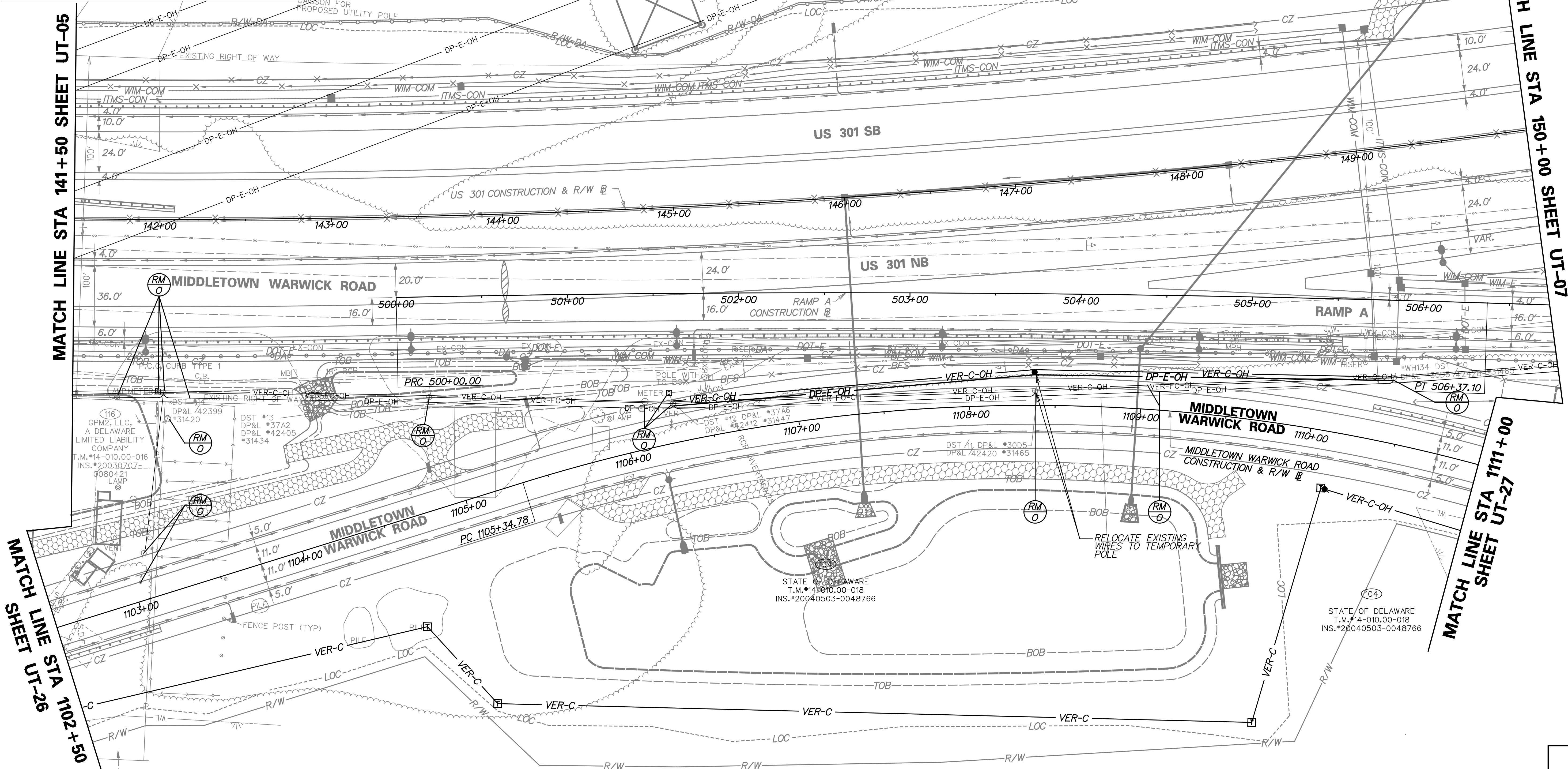
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|------------|----------------------|
| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: MAG/TAM |
| NEW CASTLE | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

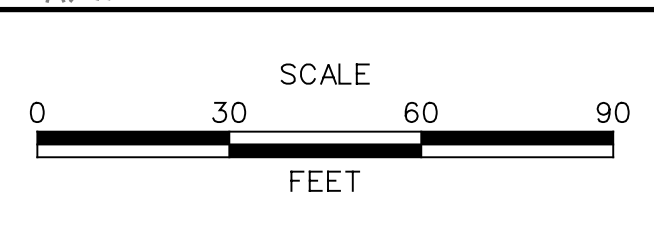
| UT-05 | |
|-------------|-----|
| SHEET NO. | 695 |
| TOTAL SHTS. | 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

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|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

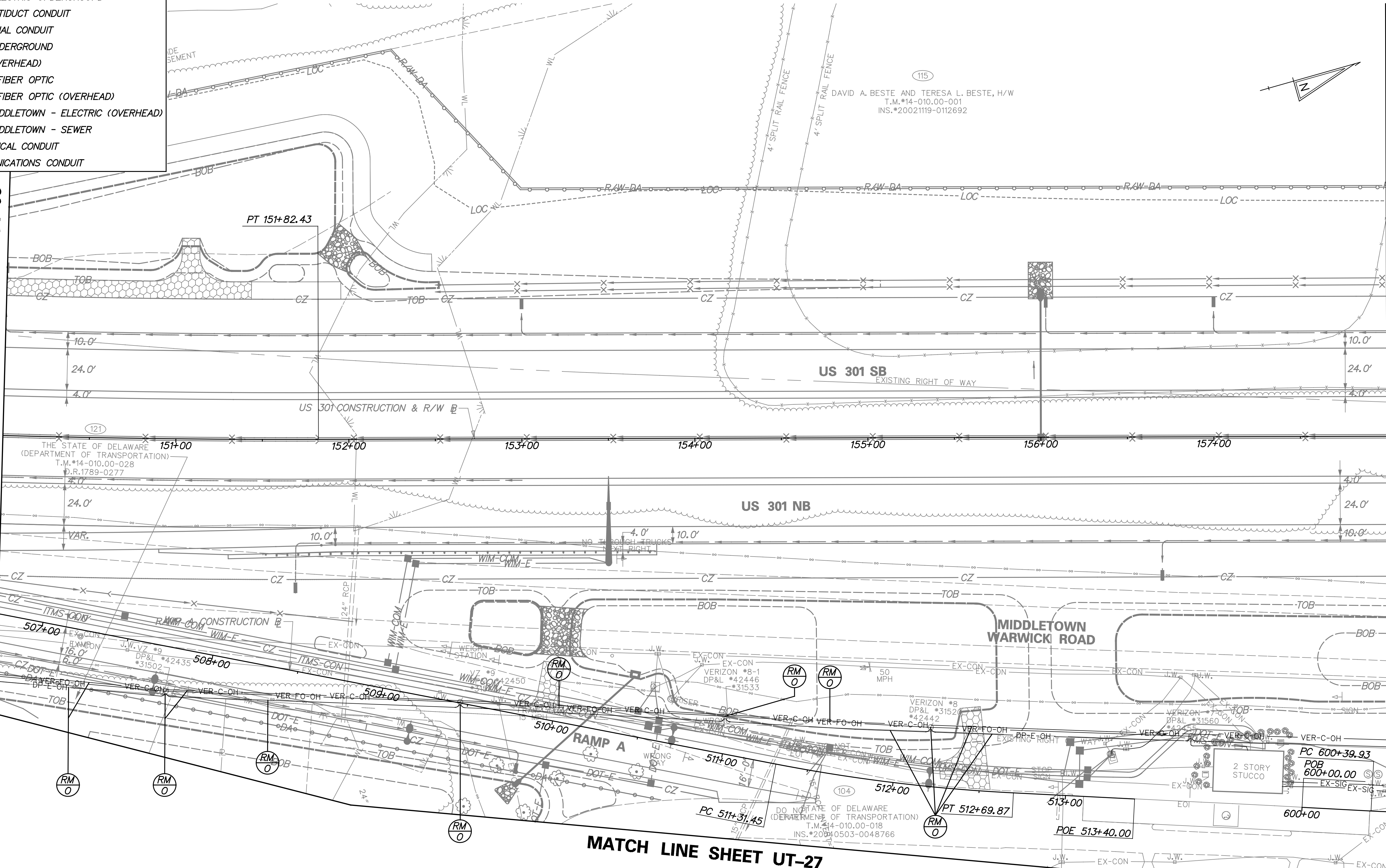
| | |
|--------------------------------|--------------------|
| UTILITY RELOCATION PLAN | |
| SHEET NO. 696 | TOTAL SHTS. 850 |

UT-06

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

MATCH LINE STA 150+00 SHEET UT-06



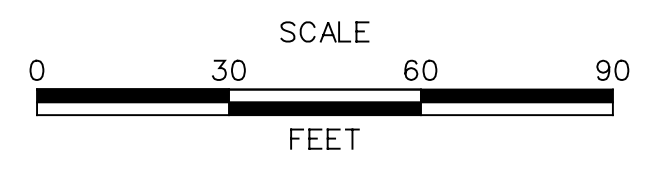
MATCH LINE STA 158+00 SHEET UT-08

MATCH LINE SHEET UT-27

MATCH LINE



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

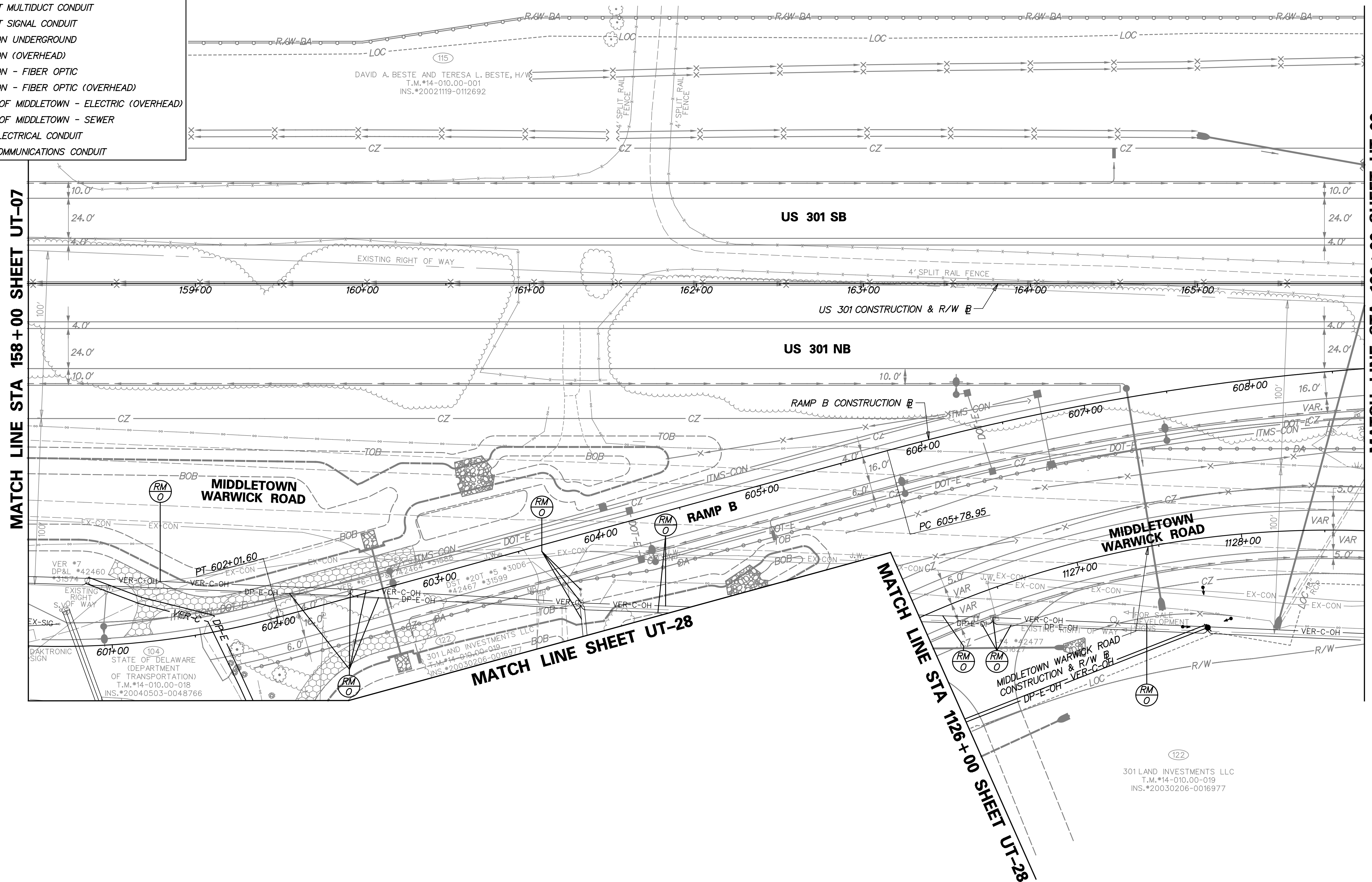
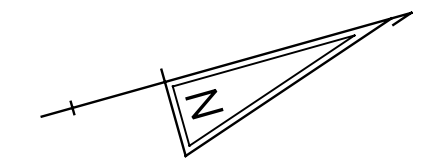
| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

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|--------------------|
| UT-07 |
| SHEET NO. 697 |
| TOTAL SHTS. 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



MATCH LINE STA 158 + 00 SHEET UT-07

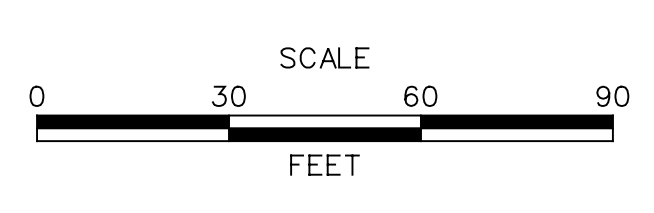
MATCH LINE STA 166 + 00 SHEET UT-09

MATCH LINE SHEET UT-28

MATCH LINE STA 1126 + 00 SHEET UT-28



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

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|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

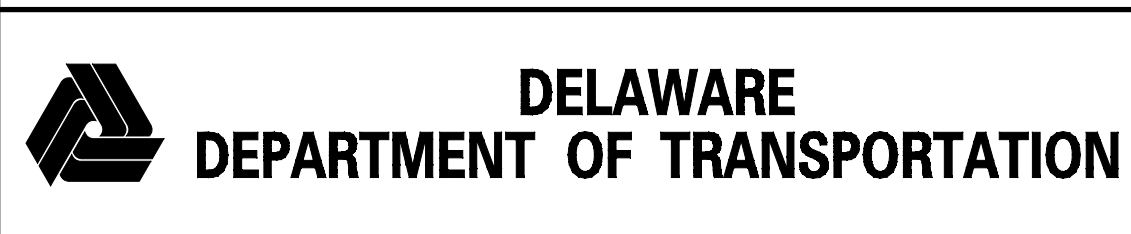
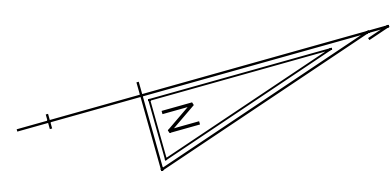
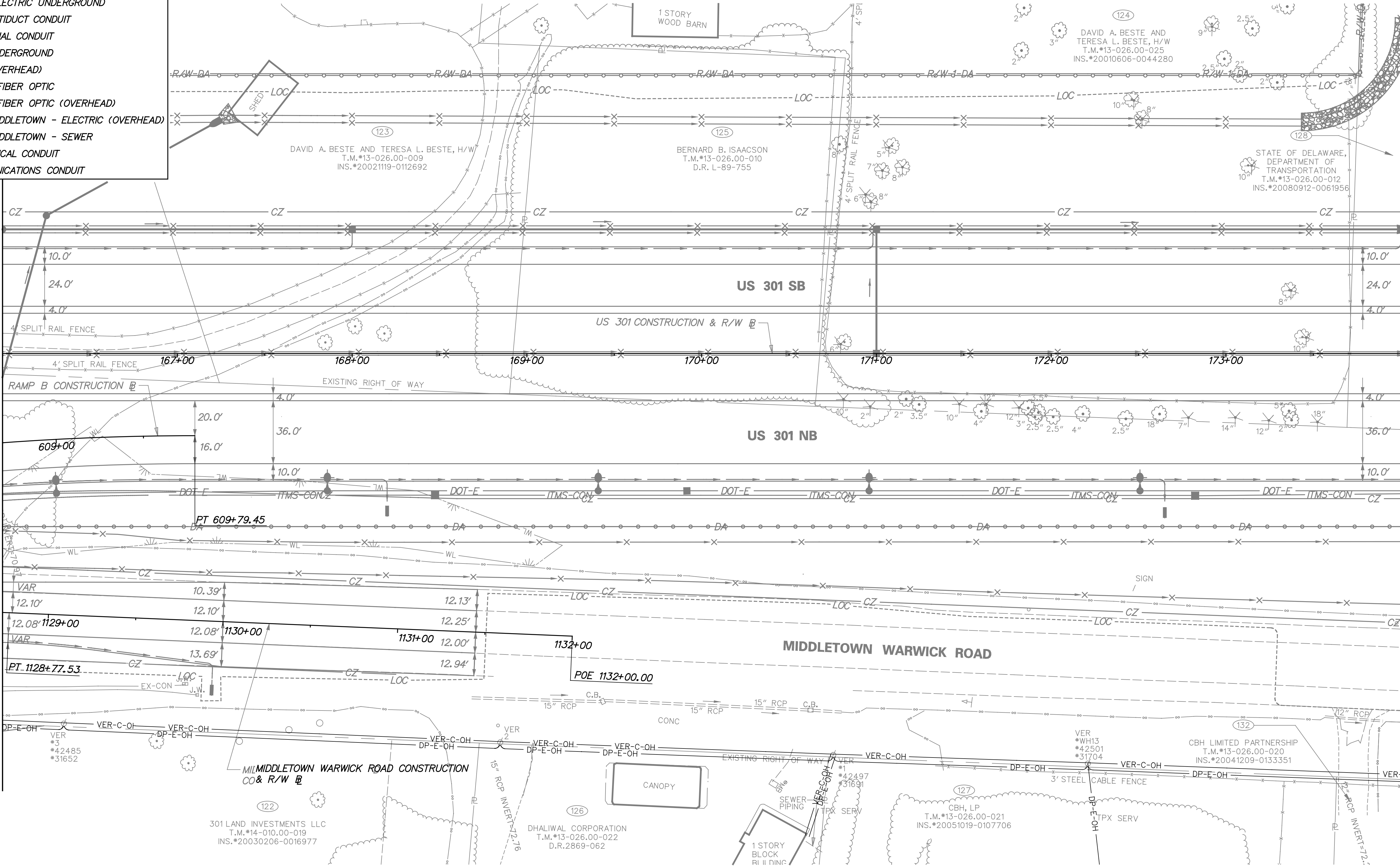
| |
|--------------------|
| UT-08 |
| SHEET NO. 698 |
| TOTAL SHTS. 850 |

LEGEND

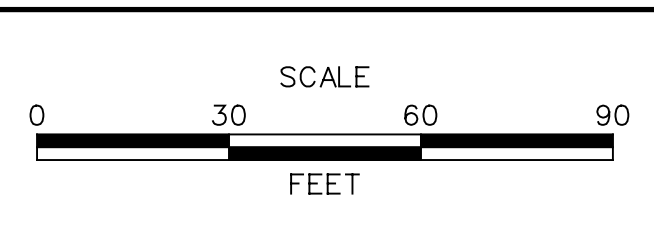
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

MATCH LINE STA 166+00 SHEET UT-08

MATCH LINE STA 174+00 SHEET UT-10



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

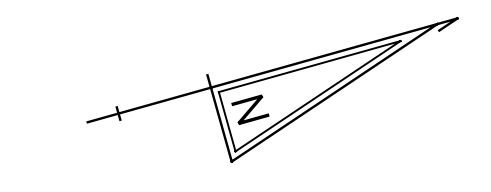
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|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

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|--------------|-----|
| UT-09 | |
| SHEET NO. | 699 |
| TOTAL SHTS. | 850 |

- LEGEND**
- AW-W— ARTESIAN WATER COMPANY
 - CU-G— CHESAPEAKE GAS COMPANY
 - DP-E— DELMARVA POWER - ELECTRIC
 - DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
 - DOT-E— DELDOT - ELECTRIC UNDERGROUND
 - ITMS-CON— DELDOT MULTIDUCT CONDUIT
 - SIG-CON— DELDOT SIGNAL CONDUIT
 - VER-C— VERIZON UNDERGROUND
 - VER-C-OH— VERIZON (OVERHEAD)
 - VER-FO— VERIZON - FIBER OPTIC
 - VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
 - TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
 - TM-S— TOWN OF MIDDLETOWN - SEWER
 - WIM-E— WIM ELECTRICAL CONDUIT
 - WIM-COM— WIM COMMUNICATIONS CONDUIT

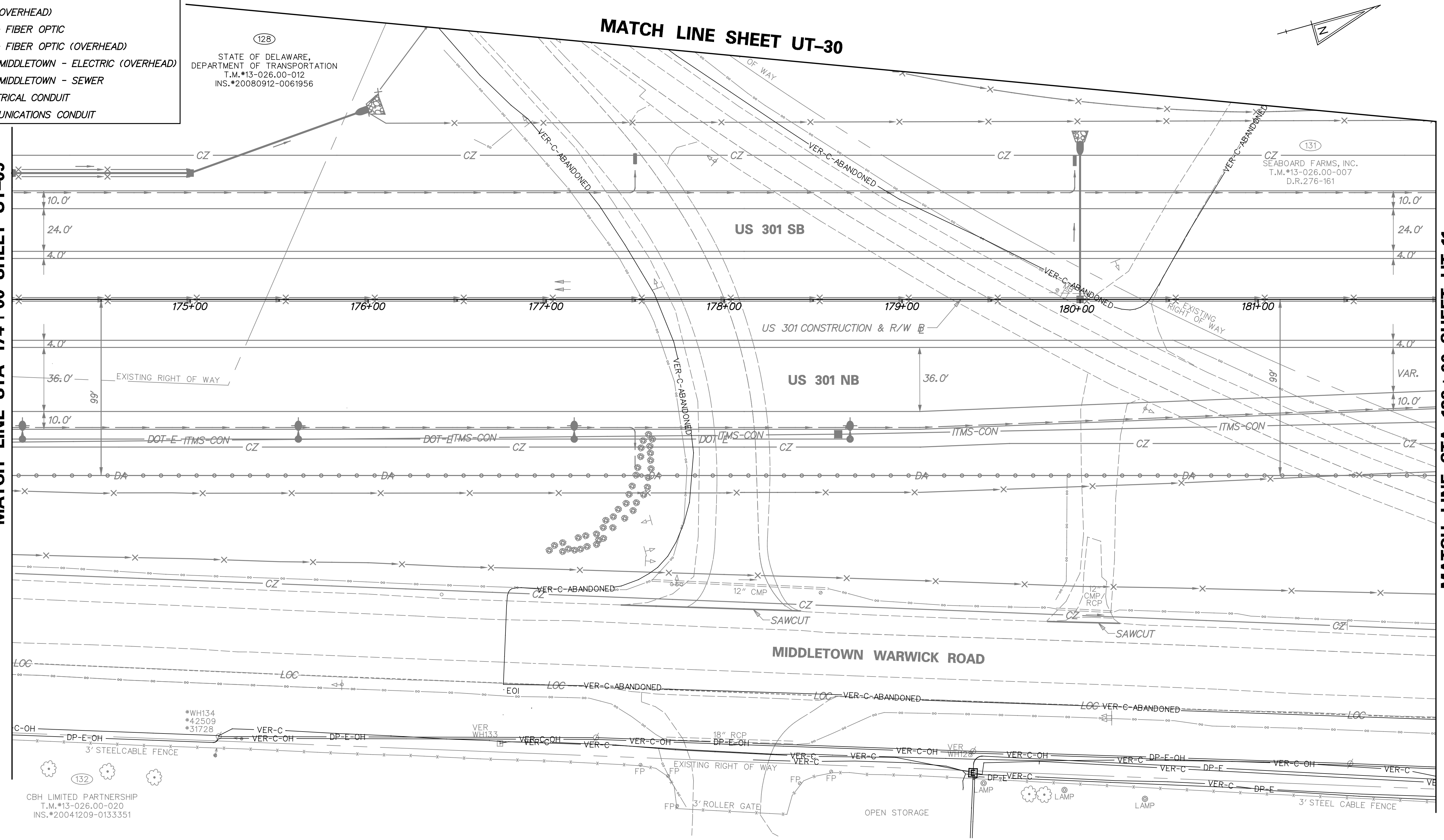
STATE OF DELAWARE,
DEPARTMENT OF TRANSPORTATION
T.M.#13-026.00-012
INS.#20080912-0061956



MATCH LINE SHEET UT-30

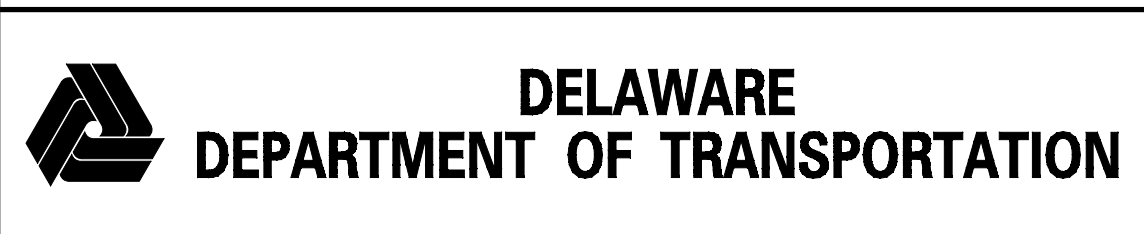
MATCH LINE STA 174+00 SHEET UT-09

MATCH LINE STA 182+00 SHEET UT-11

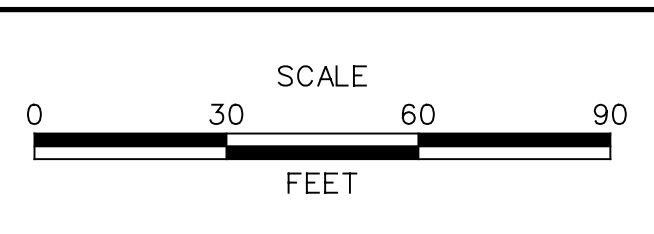


*WH134
*42509
*31728
CBH LIMITED PARTNERSHIP
T.M.#13-026.00-020
INS.#20041209-0133351

SEABOARD FARMS, INC.
T.M.#13-026.00-007
D.R.276-161



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

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|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

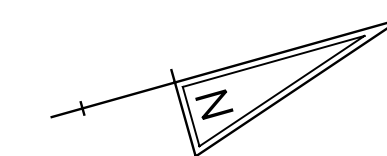
UT-10

| |
|--------------------|
| SHEET NO. 700 |
| TOTAL SHTS. 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

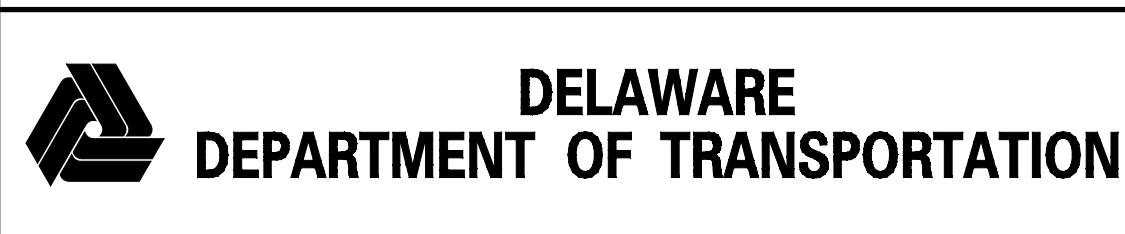
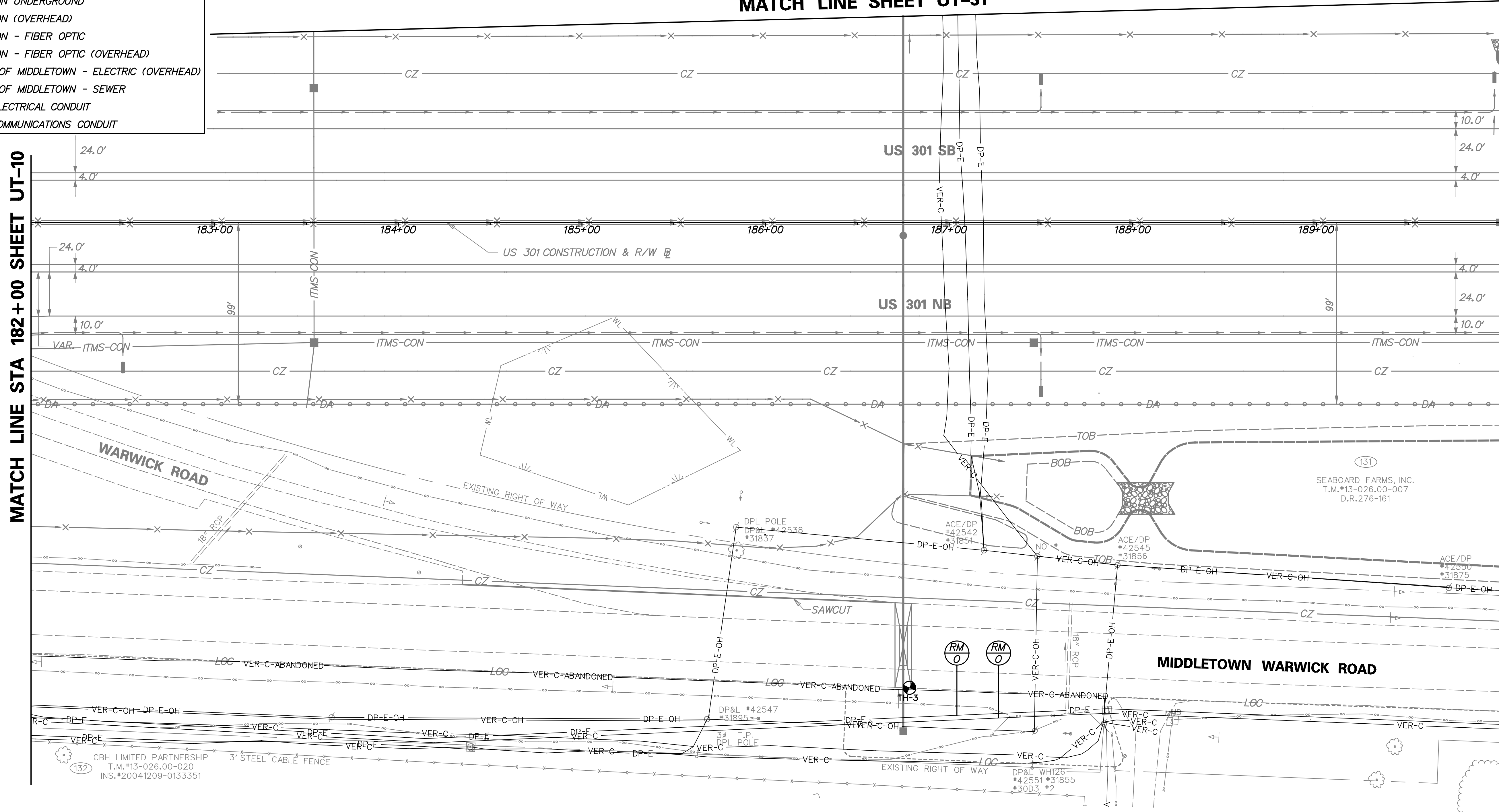
| UTILITY TEST HOLE SCHEDULE | | | | | | |
|----------------------------|---------|-----------|------------|----------|-------|------------------------|
| NO. | UTILITY | STATION | OFFSET | GRND EL. | COVER | O. D. & MATERIAL |
| 3 | VERIZON | 186+78.4± | 253.5' RT. | 70.22 | 2.62' | 1 1/4" TELEPHONE CABLE |



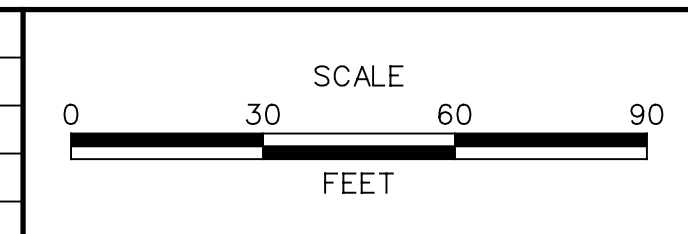
MATCH LINE SHEET UT-31

MATCH LINE STA 182+00 SHEET UT-10

MATCH LINE STA 190+00 SHEET UT-12



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

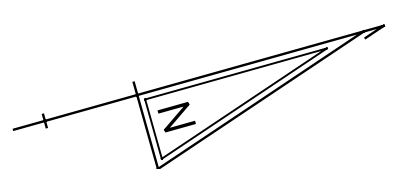
UTILITY RELOCATION PLAN

| | |
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| UT-11 | |
| SHEET NO. | 701 |
| TOTAL SHTS. | 850 |

LEGEND

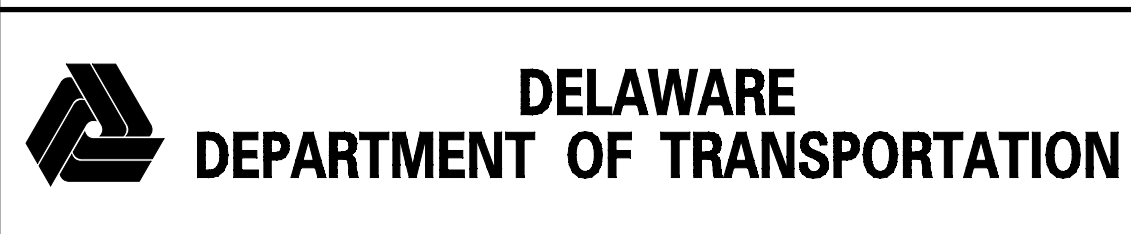
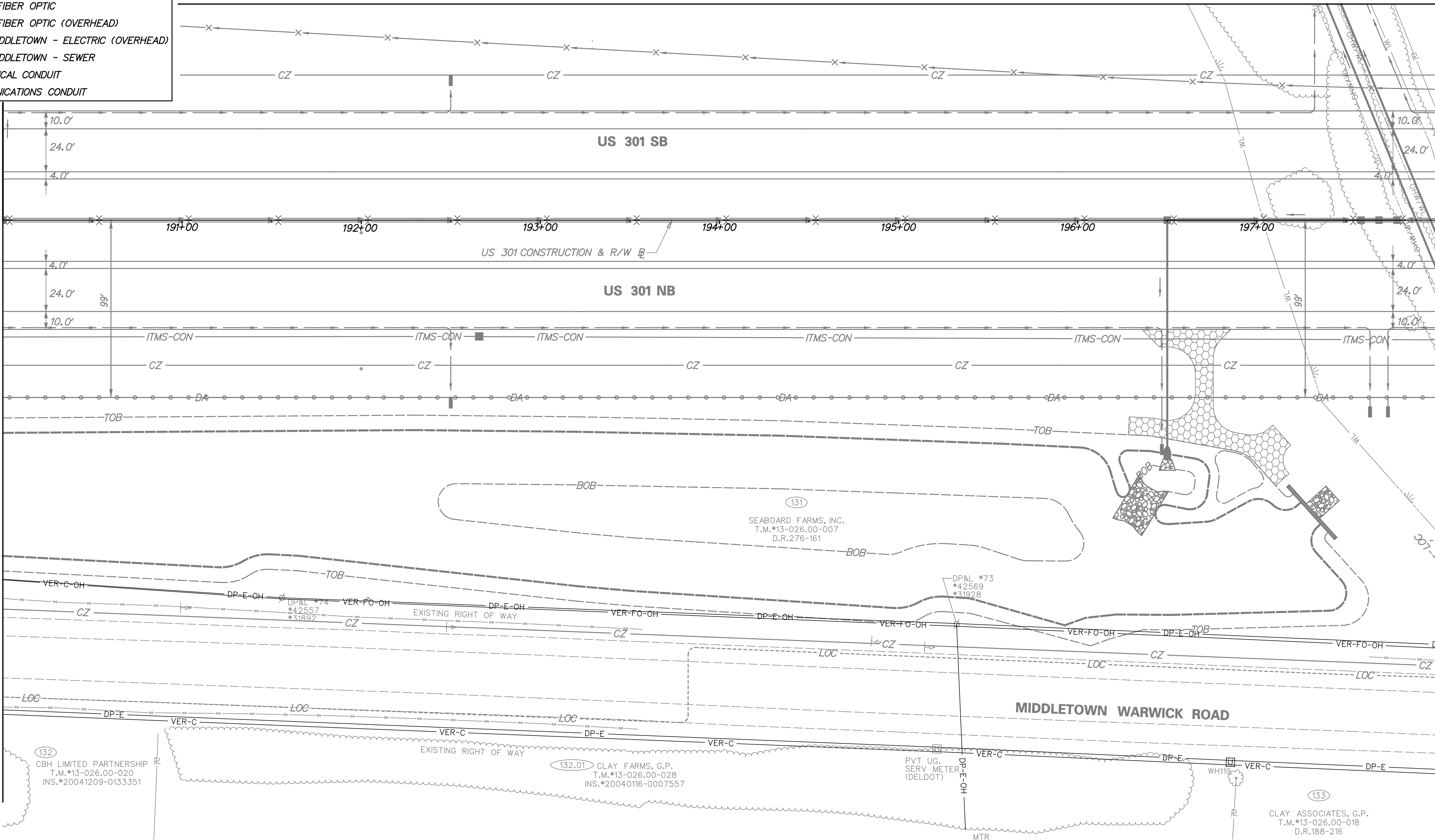
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

MATCH LINE SHEET UT-32

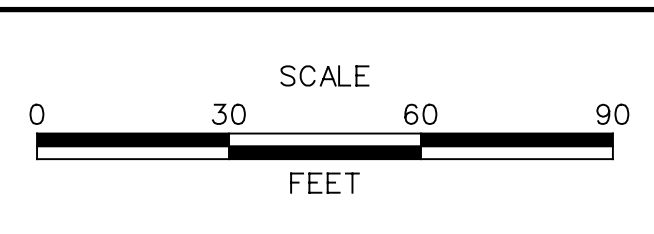


MATCH LINE STA 190+00 SHEET UT-11

MATCH LINE STA 198+00 SHEET UT-13



| ADDENDUMS / REVISIONS | |
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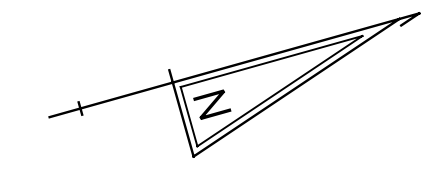
**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

| | |
|--------------|-----|
| UT-12 | |
| SHEET NO. | 702 |
| TOTAL SHTS. | 850 |

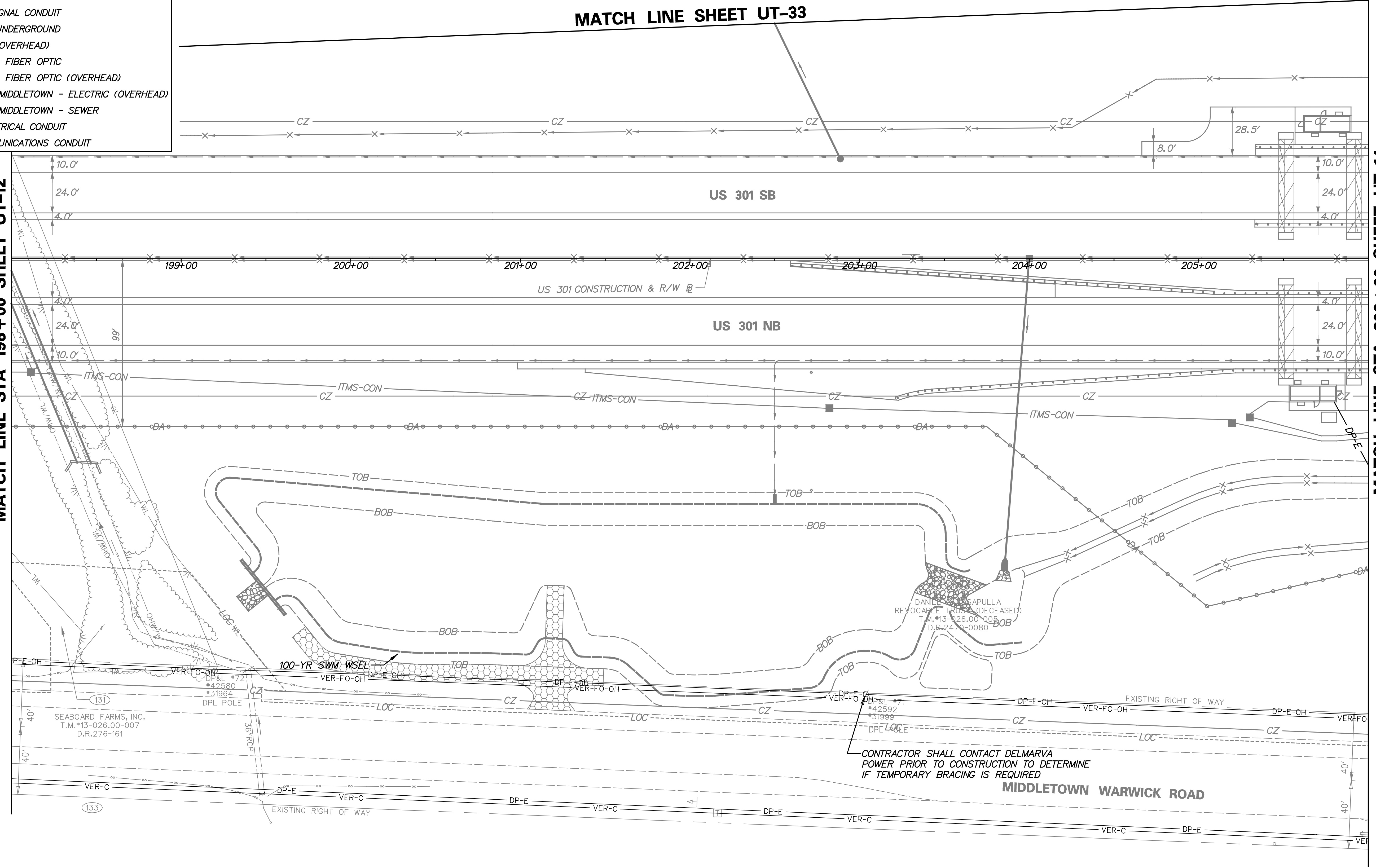
- LEGEND**
- AW-W— ARTESIAN WATER COMPANY
 - CU-G— CHESAPEAKE GAS COMPANY
 - DP-E— DELMARVA POWER - ELECTRIC
 - DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
 - DOT-E— DELDOT - ELECTRIC UNDERGROUND
 - ITMS-CON— DELDOT MULTIDUCT CONDUIT
 - SIG-CON— DELDOT SIGNAL CONDUIT
 - VER-C— VERIZON UNDERGROUND
 - VER-C-OH— VERIZON (OVERHEAD)
 - VER-FO— VERIZON - FIBER OPTIC
 - VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
 - TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
 - TM-S— TOWN OF MIDDLETOWN - SEWER
 - WIM-E— WIM ELECTRICAL CONDUIT
 - WIM-COM— WIM COMMUNICATIONS CONDUIT



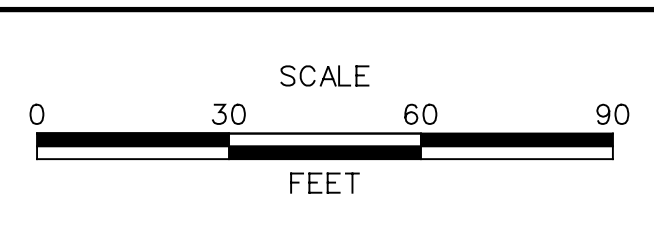
MATCH LINE SHEET UT-33

MATCH LINE STA 198+00 SHEET UT-12

MATCH LINE STA 206+00 SHEET UT-14



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

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|------------------------|---|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM CHECKED BY: PAH |

UTILITY RELOCATION PLAN

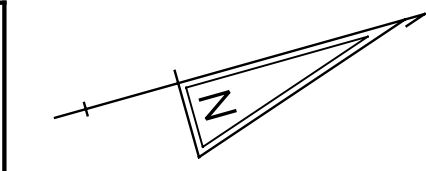
UT-13

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|--------------------|
| SHEET NO. 703 |
| TOTAL SHTS. 850 |

LEGEND

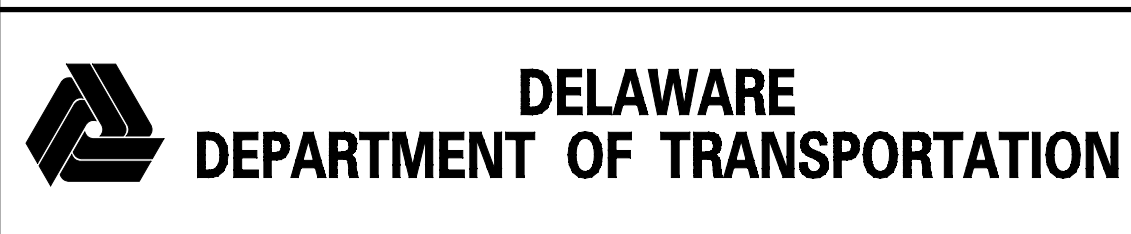
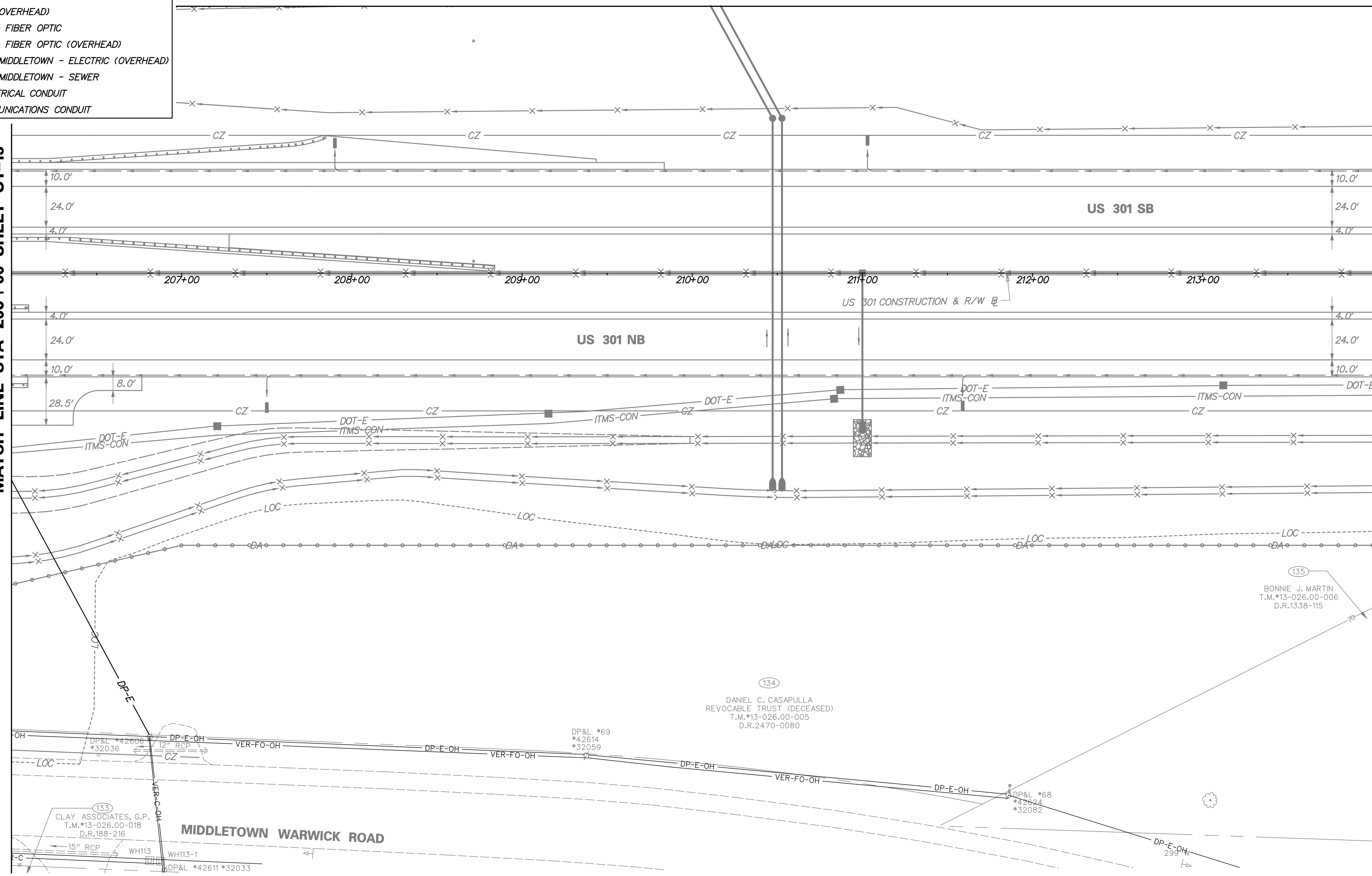
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

MATCH LINE SHEET UT-34

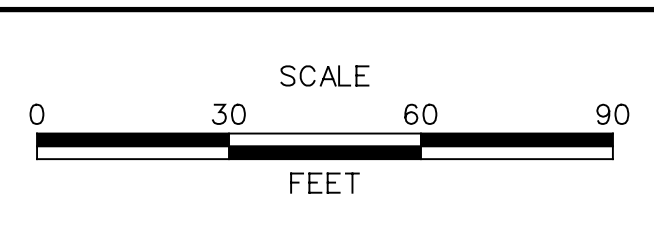


MATCH LINE STA 206+00 SHEET UT-13

MATCH LINE STA 214+00 SHEET UT-15



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

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|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

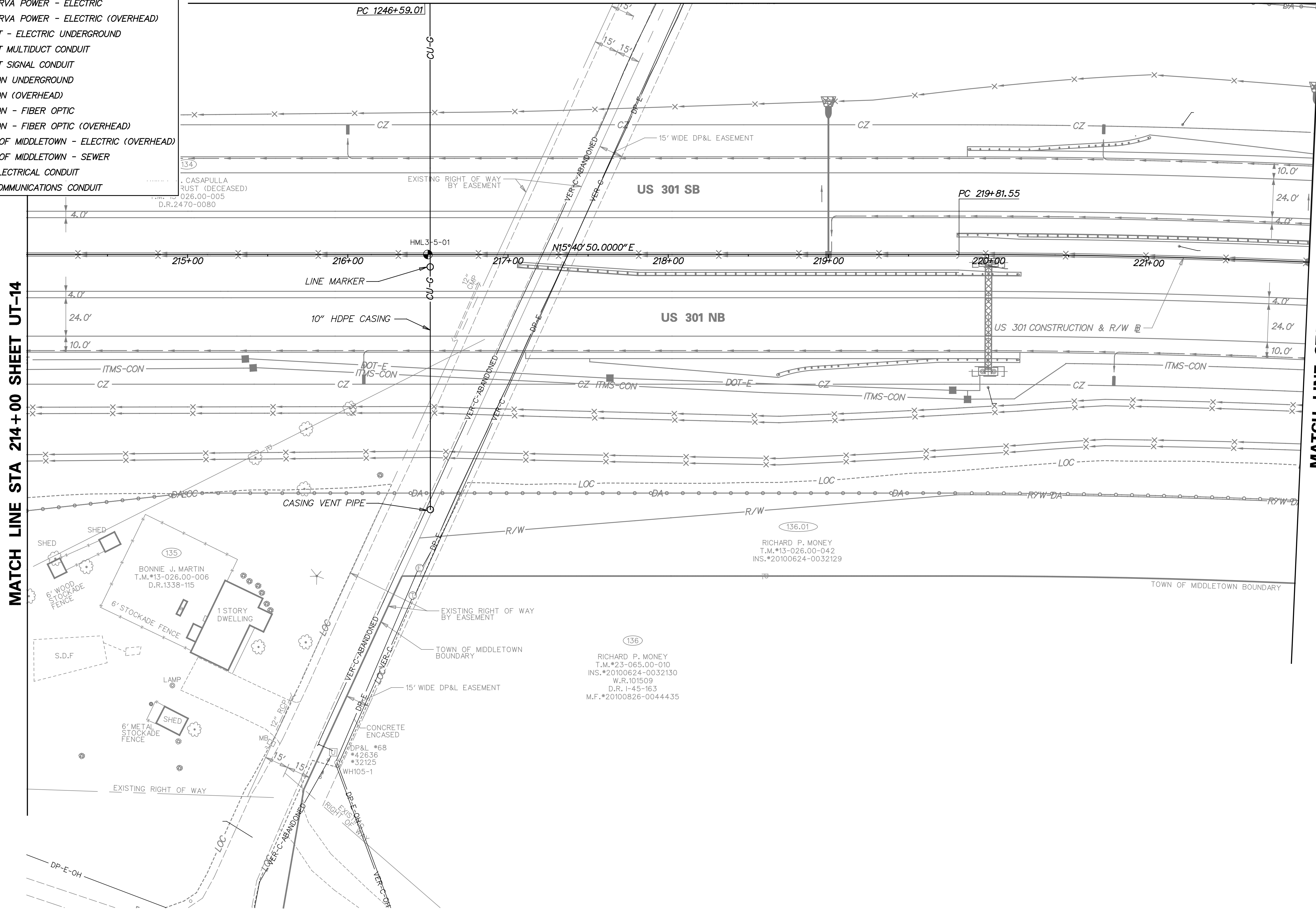
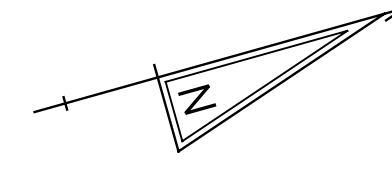
UTILITY RELOCATION PLAN

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| UT-14 |
| SHEET NO. 704 |
| TOTAL SHTS. 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

MATCH LINE SHEET UT-35

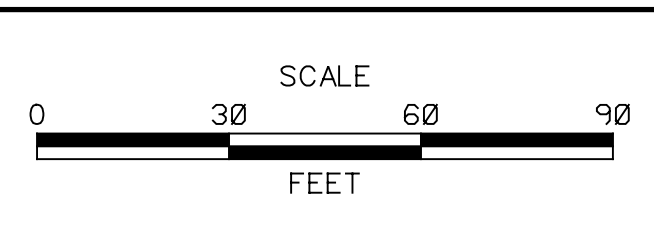


MATCH LINE STA 214+00 SHEET UT-14

MATCH LINE STA 222+00 SHEET UT-16



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

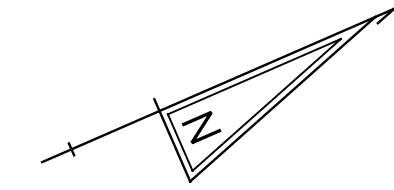
| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

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|--------------------|
| UT-15 |
| SHEET NO. 705 |
| TOTAL SHTS. 850 |

LEGEND

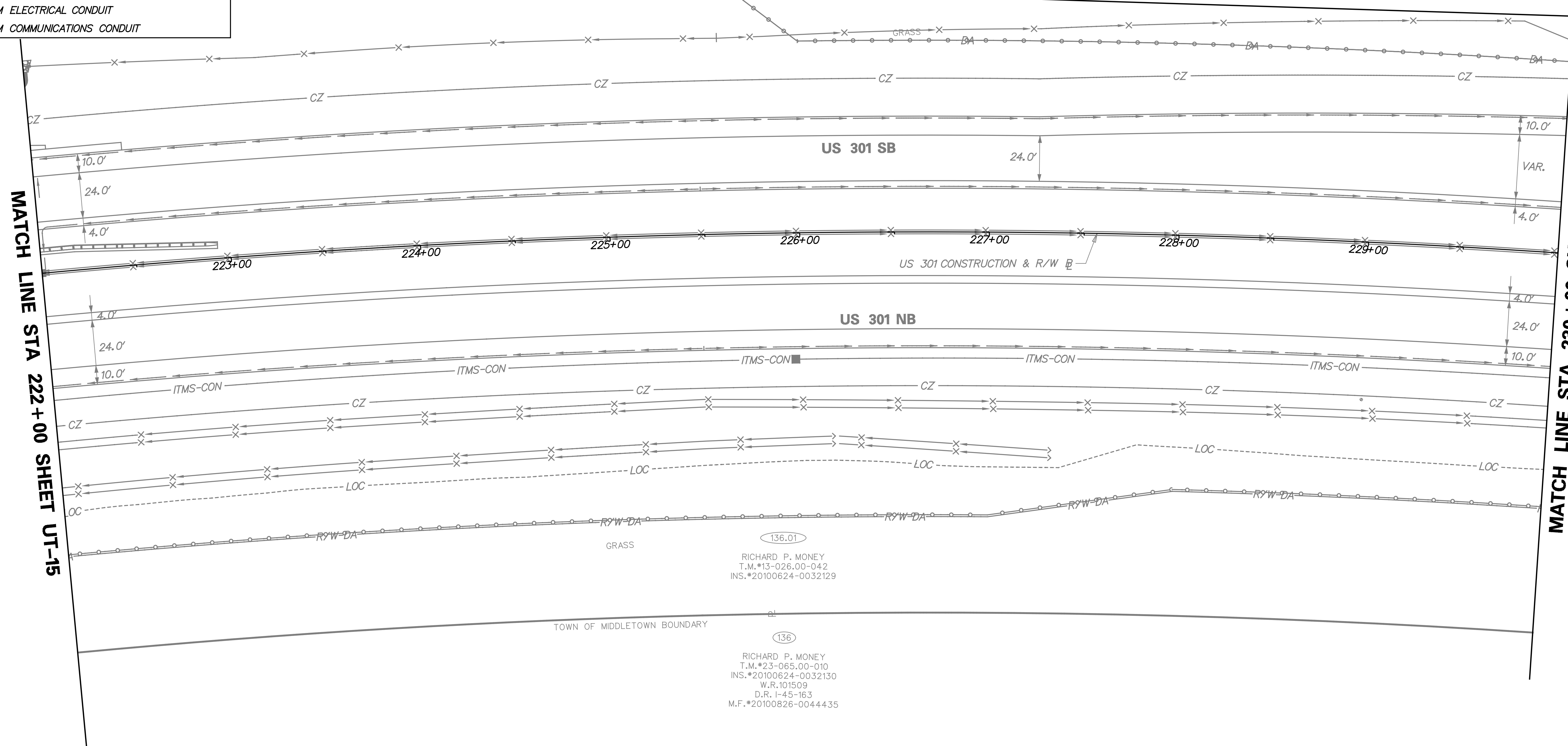
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



MATCH LINE STA 230+00 SHEET UT-36

MATCH LINE STA 222+00 SHEET UT-15

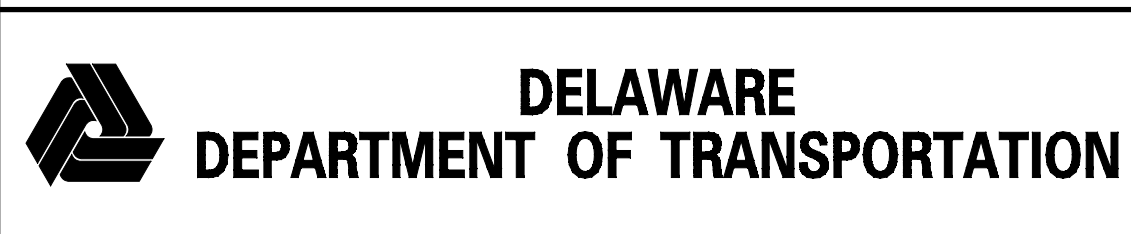
MATCH LINE STA 230+00 SHEET UT-17



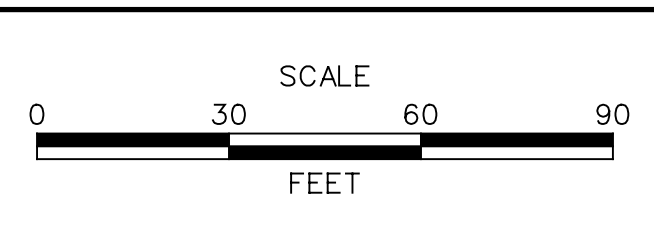
136.01
 RICHARD P. MONEY
 T.M.#13-026.00-042
 INS.#20100624-0032129

136
 RICHARD P. MONEY
 T.M.#23-065.00-010
 INS.#20100624-0032130
 W.R.101509
 D.R.1-45-163
 M.F.#20100826-0044435

UT-16



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



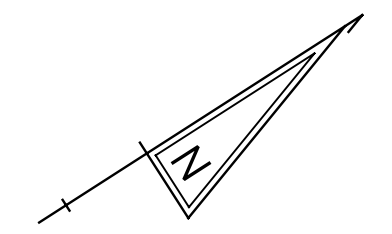
**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

| | |
|------------|----------------------|
| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: MAG/TAM |
| NEW CASTLE | CHECKED BY: PAH |

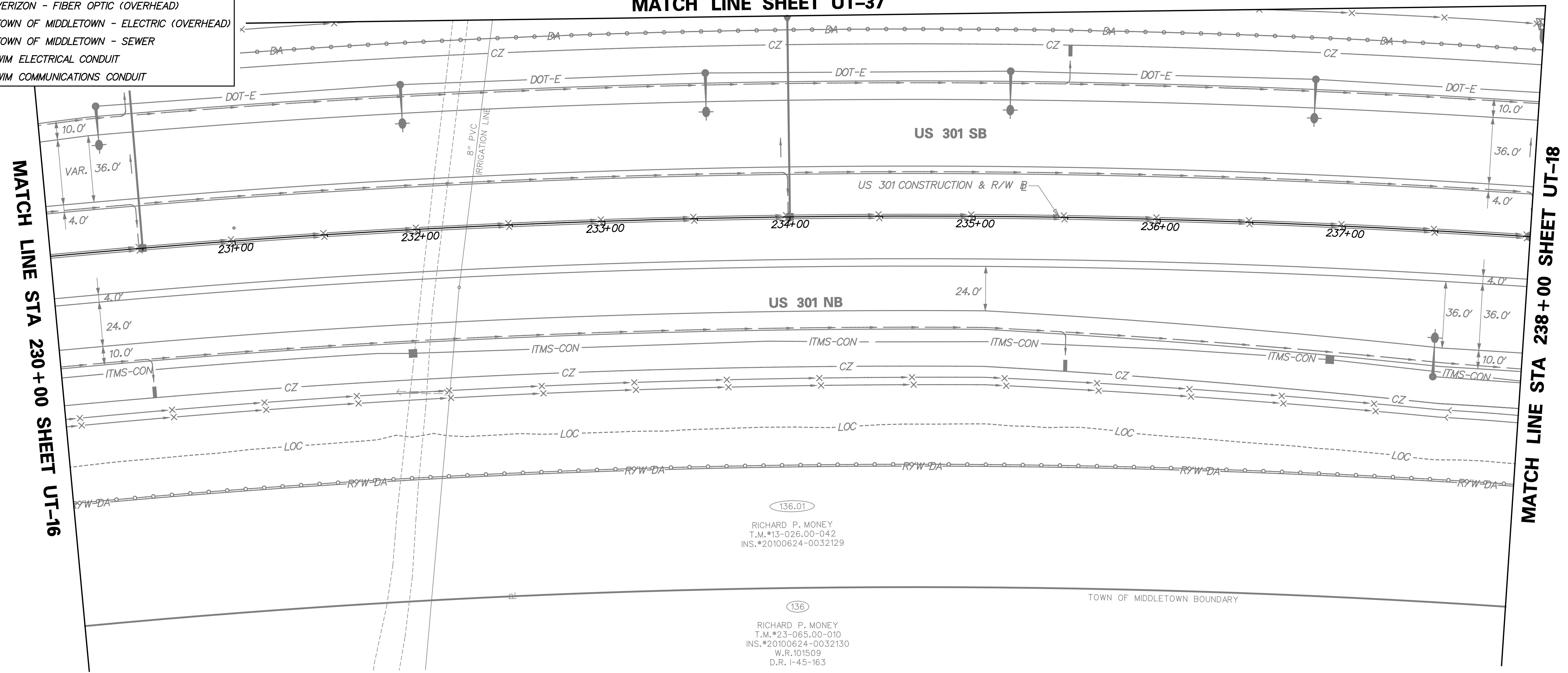
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| UTILITY RELOCATION PLAN | SHEET NO. |
| | 706 |
| | TOTAL SHTS. 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



MATCH LINE SHEET UT-37

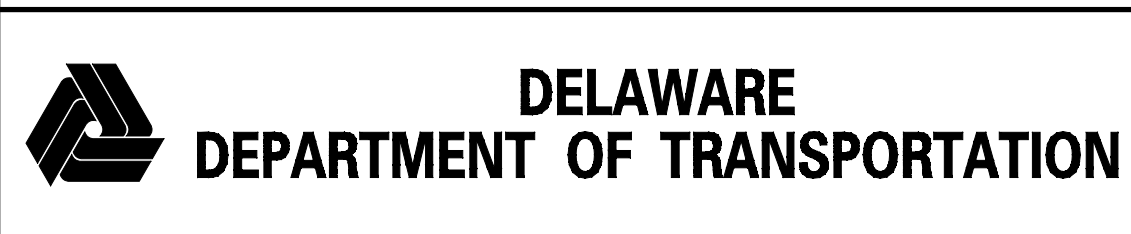


136.01
 RICHARD P. MONEY
 T.M.#13-026.00-042
 INS.#20100624-0032129

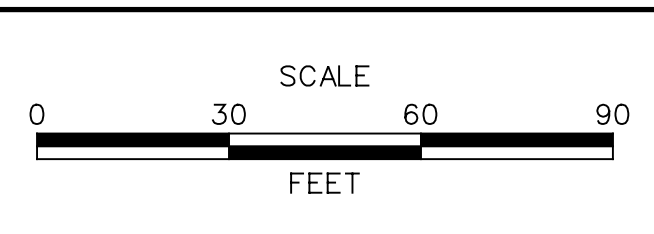
136
 RICHARD P. MONEY
 T.M.#23-065.00-010
 INS.#20100624-0032130
 W.R.101509
 D.R. I-45-163

TOWN OF MIDDLETOWN BOUNDARY

UT-17



| ADDENDUMS / REVISIONS | |
|-----------------------|--|
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**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

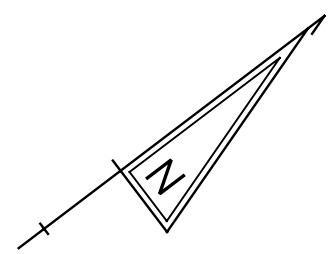
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|------------------------|---|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM CHECKED BY: PAH |

UTILITY RELOCATION PLAN

| |
|--------------------|
| SHEET NO. 707 |
| TOTAL SHTS. 850 |

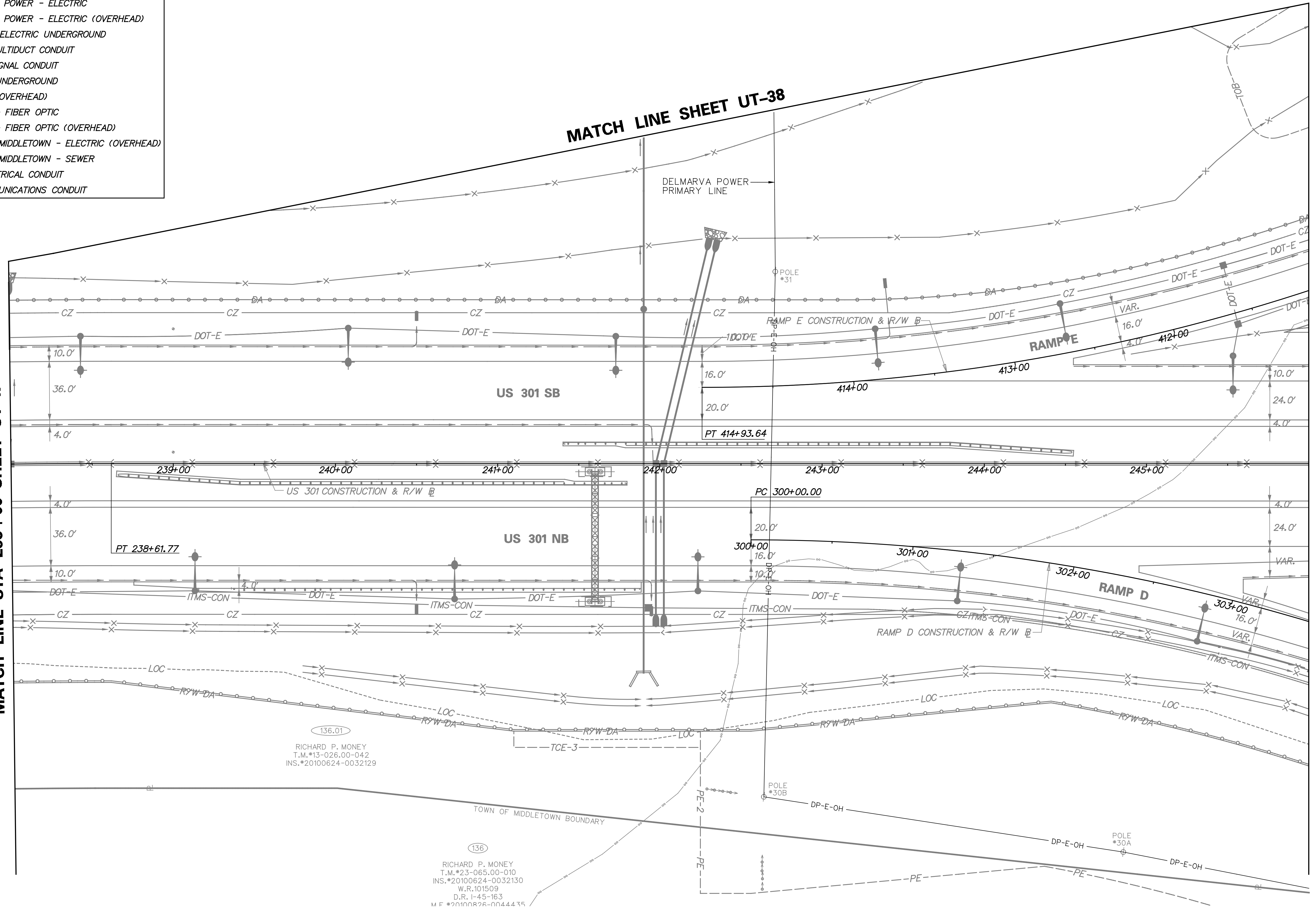
LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



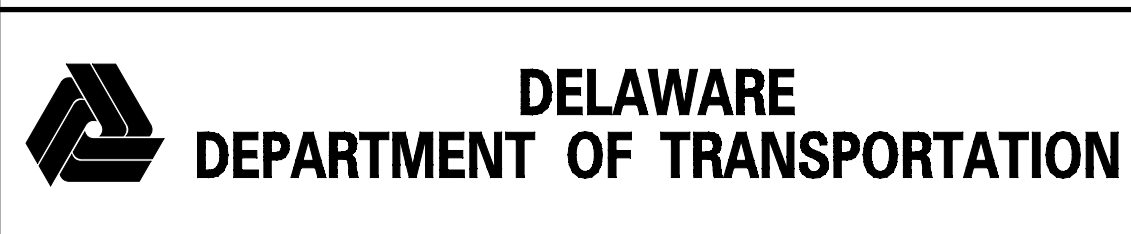
MATCH LINE STA 238+00 SHEET UT-17

MATCH LINE STA 246+00 SHEET UT-19

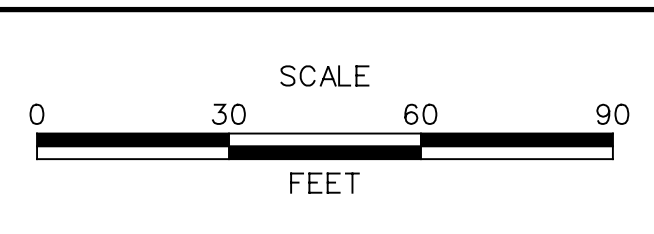


136.01
 RICHARD P. MONEY
 T.M.#13-026.00-042
 INS.#20100624-0032129

136
 RICHARD P. MONEY
 T.M.#23-065.00-010
 INS.#20100624-0032130
 W.R.101509
 D.R. I-45-163
 M.F.#20100826-0044435



| ADDENDUMS / REVISIONS | |
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**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

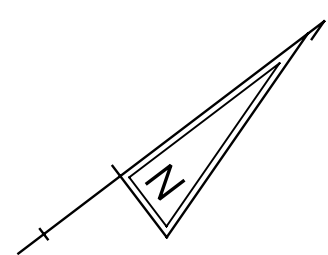
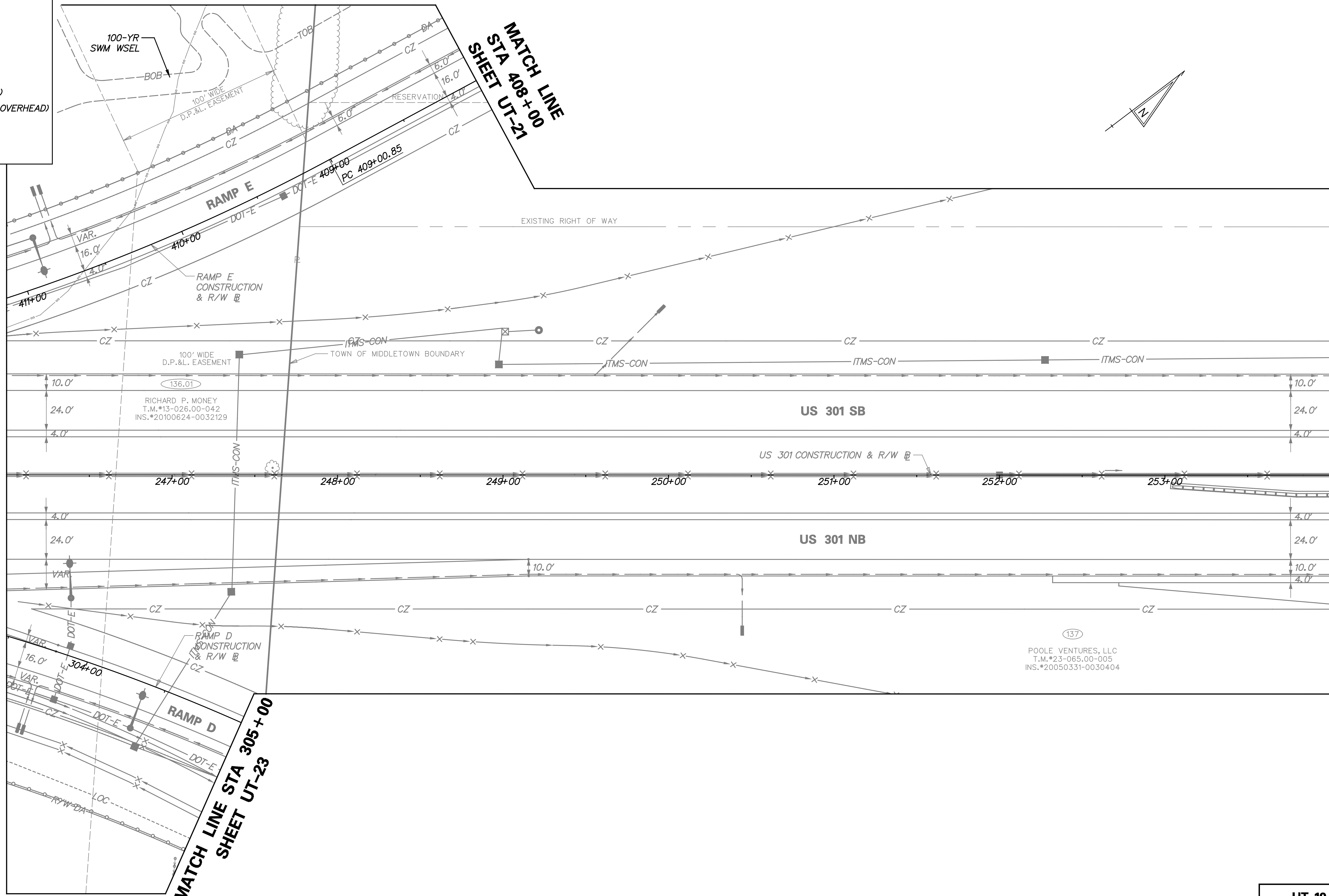
| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

| | |
|--------------|-----|
| UT-18 | |
| SHEET NO. | 708 |
| TOTAL SHTS. | 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



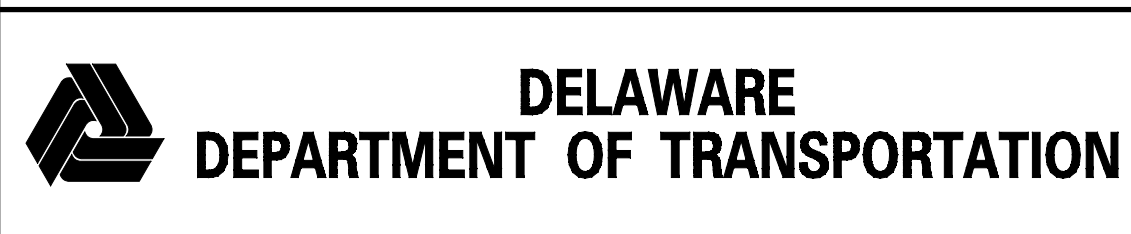
MATCH LINE STA 246+00 SHEET UT-18

MATCH LINE STA 254+00 SHEET 20

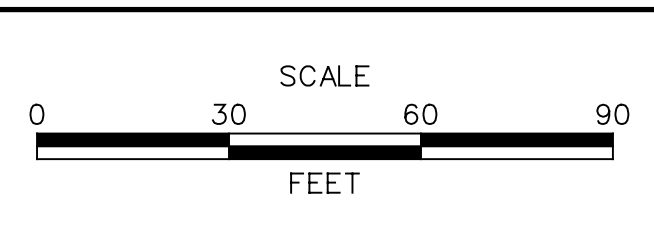
MATCH LINE
STA 408+00
SHEET UT-21

MATCH LINE STA 305+00
SHEET UT-23

(137)
POOLE VENTURES, LLC
T.M.#23-065.00-005
INS.#20050331-0030404



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

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|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

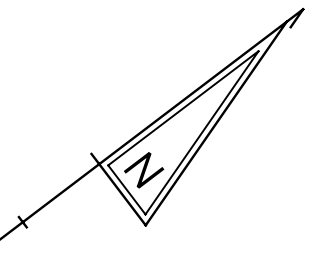
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| UTILITY RELOCATION PLAN |
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| UT-19 |
| SHEET NO. 709 |
| TOTAL SHTS. 850 |

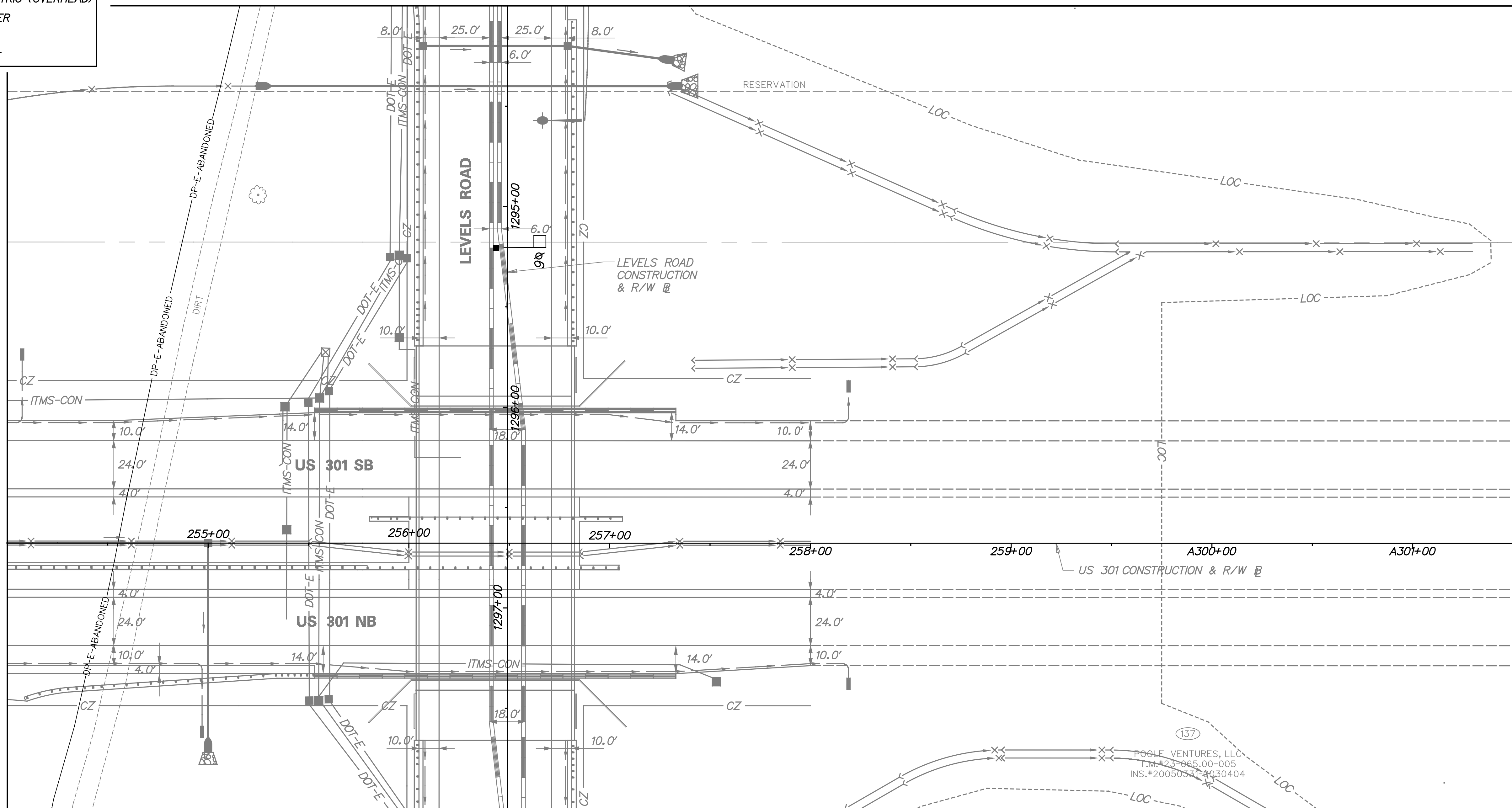
LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

MATCH LINE STA 1294+00 SHEET UT-22



MATCH LINE STA 254+00 SHEET UT-19

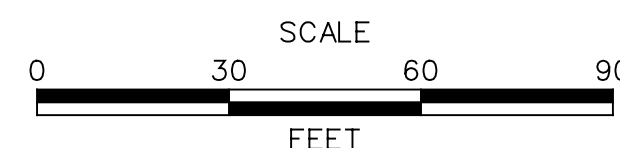


MATCH LINE STA 1298+00 SHEET UT-24

POOLE VENTURES, LLC
 T.M.#23-065.00-005
 INS.#20050531-0030404



ADDENDUMS / REVISIONS



**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

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|------------|----------------------|
| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: MAG/TAM |
| NEW CASTLE | CHECKED BY: PAH |

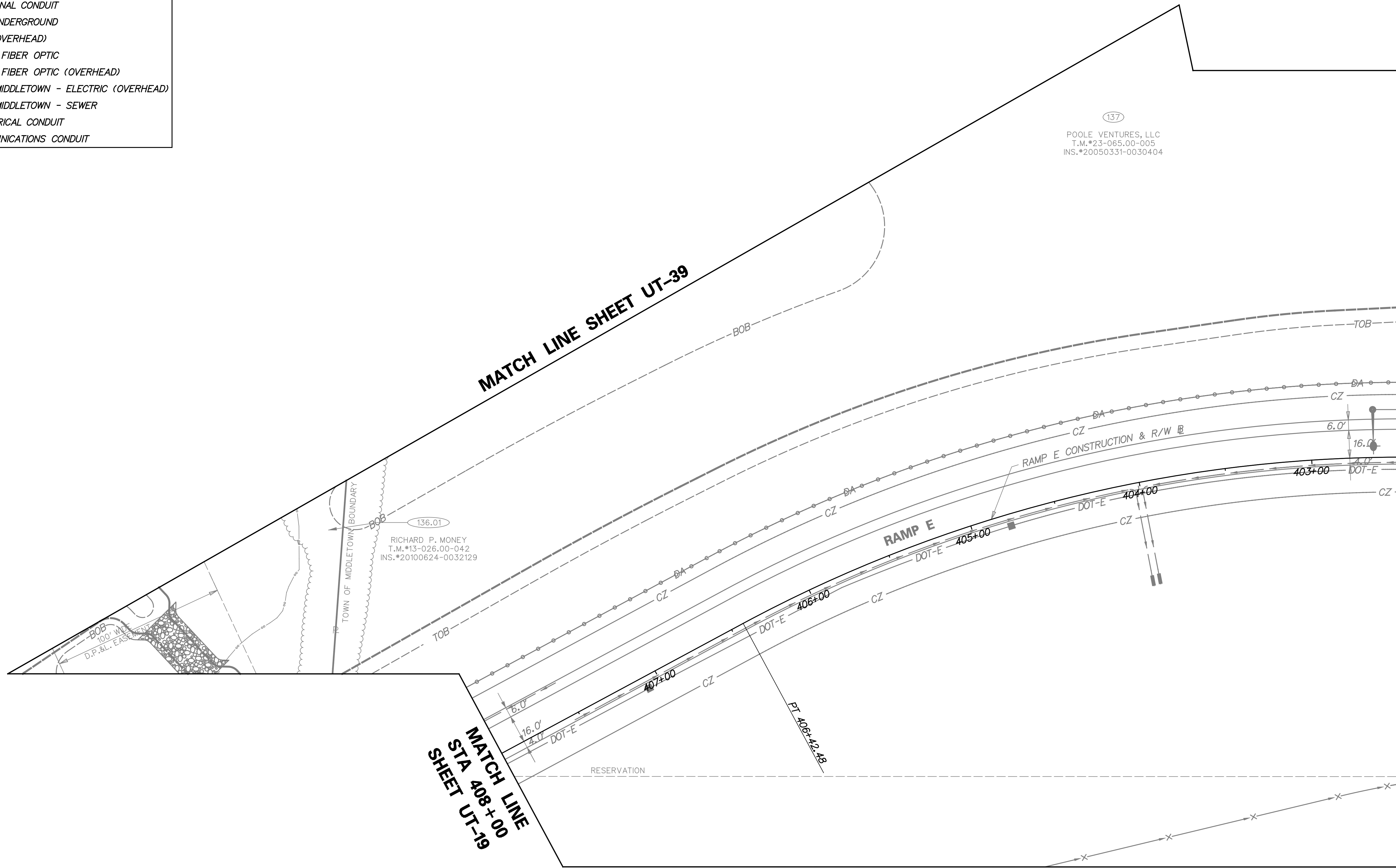
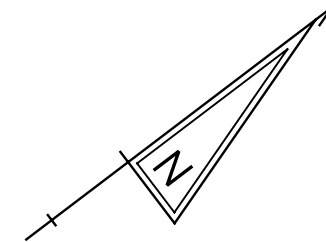
UTILITY RELOCATION PLAN

UT-20

| |
|-------------|
| SHEET NO. |
| 710 |
| TOTAL SHTS. |
| 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



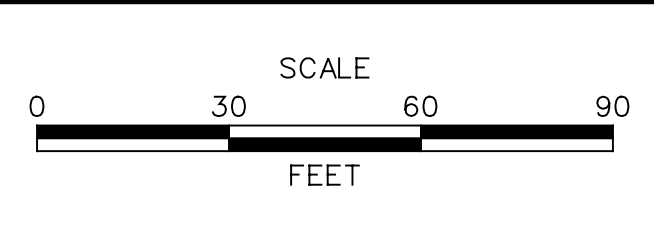
MATCH LINE STA 402+50 SHEET UT-22

MATCH LINE
STA 408+00
SHEET UT-19

UT-21



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

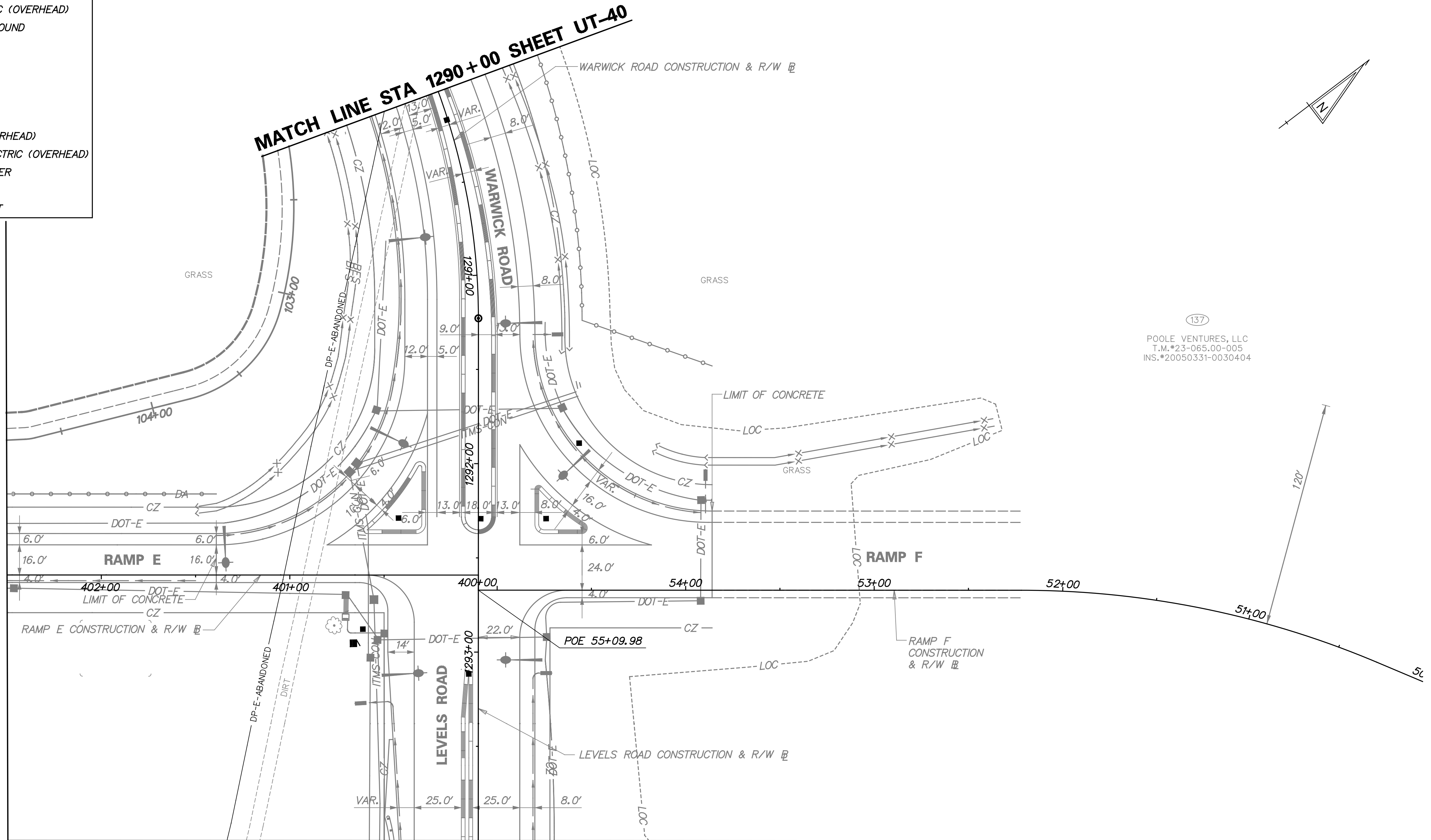
UTILITY RELOCATION PLAN

| |
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| SHEET NO. 711 |
| TOTAL SHTS. 850 |

LEGEND

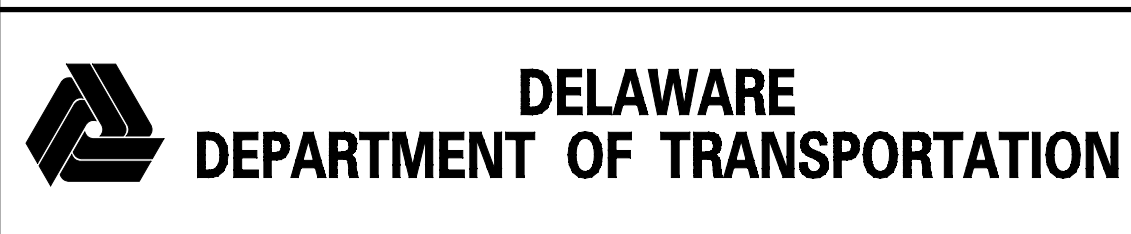
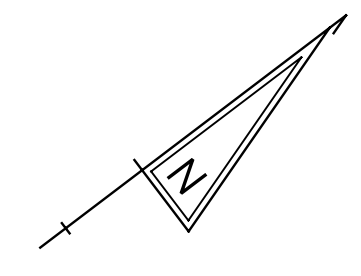
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

MATCH LINE STA 402+50 SHEET UT-21

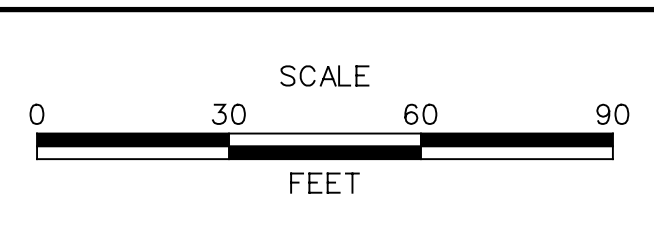


MATCH LINE STA 1294+00 SHEET UT-20

137
 POOLE VENTURES, LLC
 T.M.#23-065.00-005
 INS.#20050331-0030404



| ADDENDUMS / REVISIONS | |
|-----------------------|--|
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**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

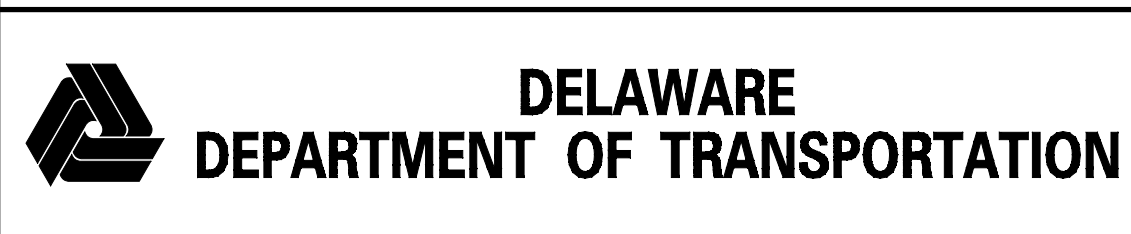
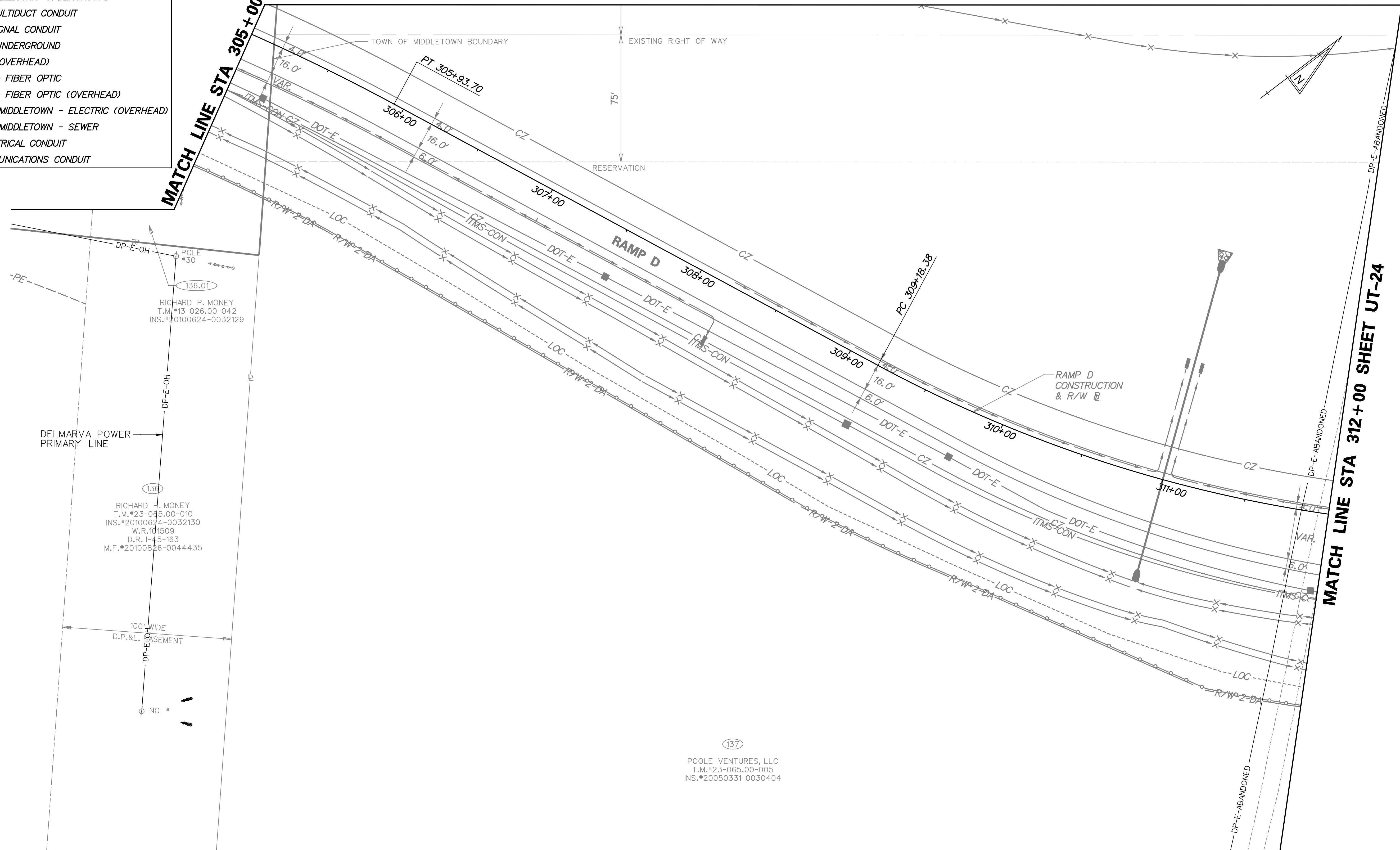
UTILITY RELOCATION PLAN

| |
|--------------------|
| UT-22 |
| SHEET NO. 712 |
| TOTAL SHTS. 850 |

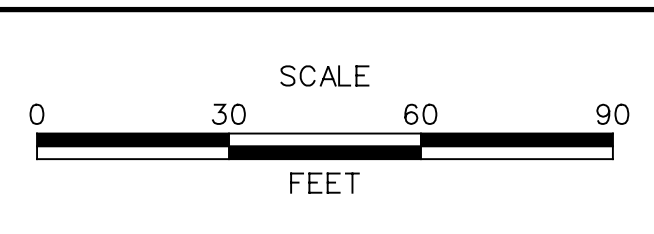
LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

SHEET UT-19



| ADDENDUMS / REVISIONS | |
|-----------------------|--|
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

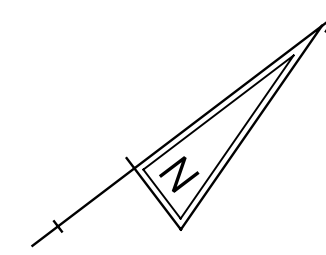
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| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM CHECKED BY: PAH |

UTILITY RELOCATION PLAN

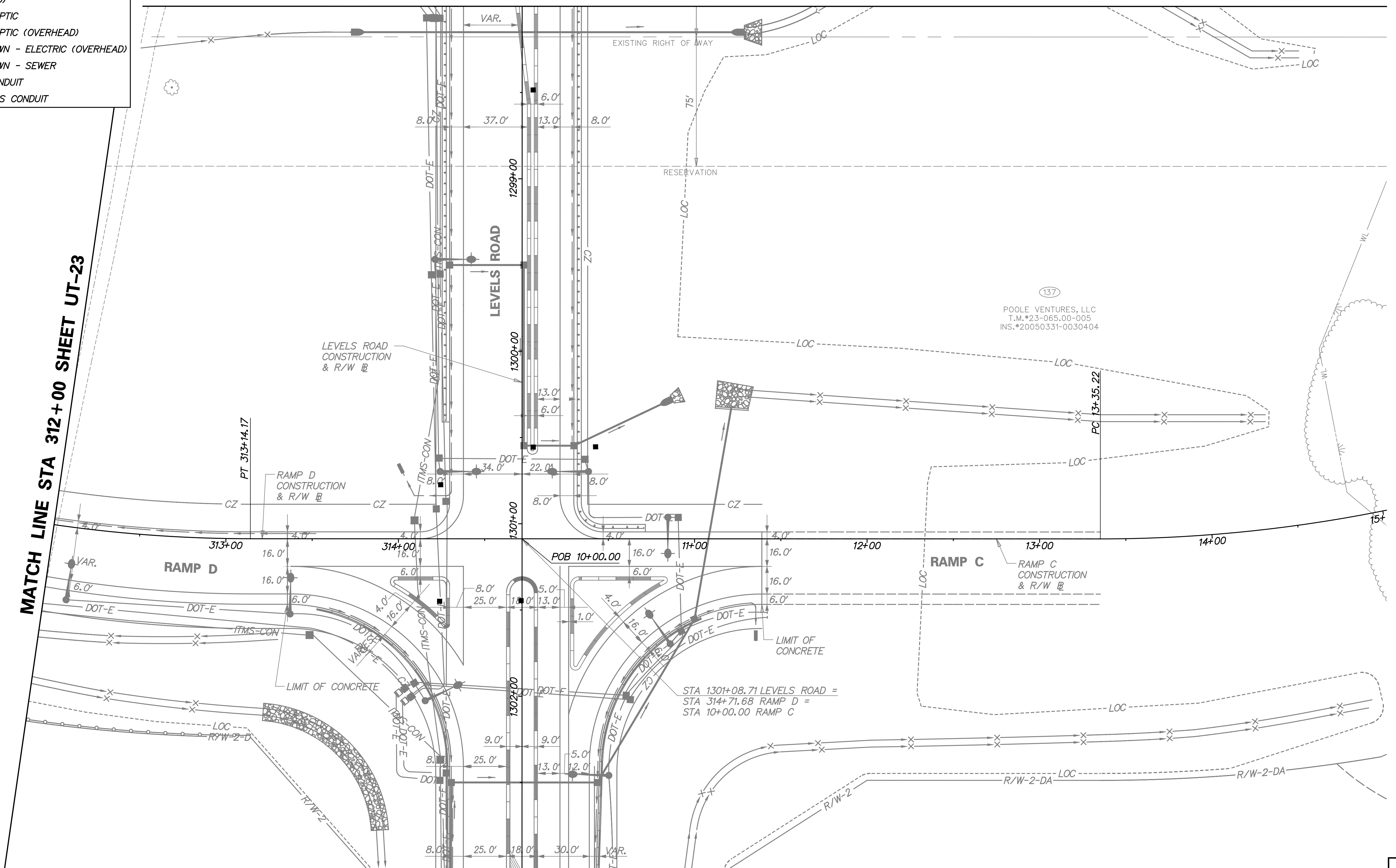
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| UT-23 | SHEET NO. 713 |
| | TOTAL SHTS. 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



MATCH LINE STA 1298+00 SHEET UT-20



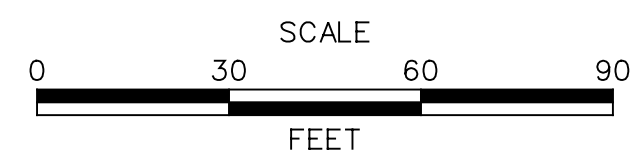
MATCH LINE STA 312 + 00 SHEET UT-23

MATCH LINE STA 1303+00 SHEET UT-41

UT-24



| ADDENDUMS / REVISIONS | |
|-----------------------|--|
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

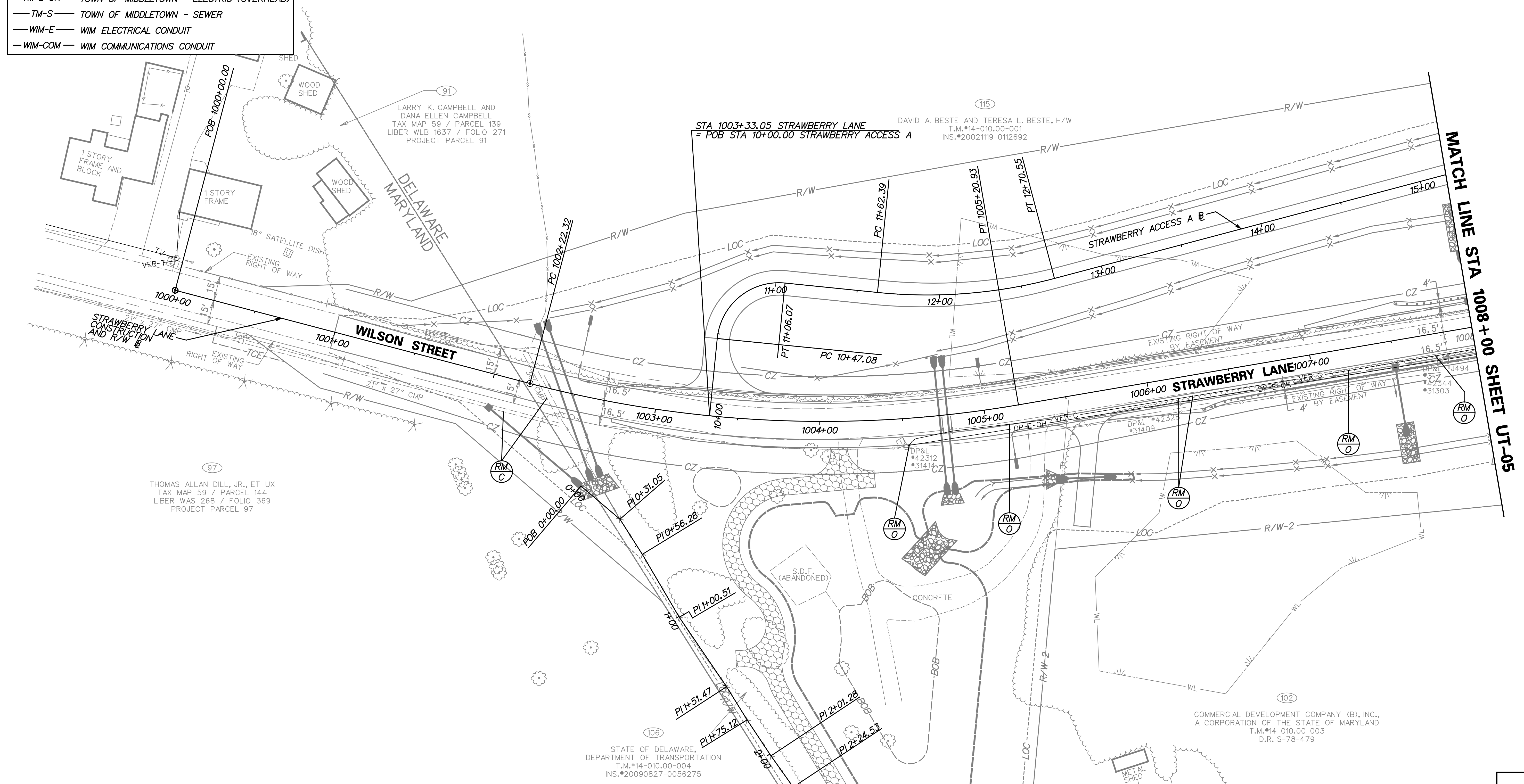
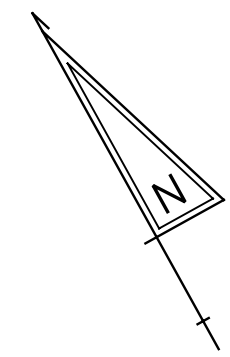
| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

| |
|--------------------|
| SHEET NO. 714 |
| TOTAL SHTS. 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



MATCH LINE STA 1008+00 SHEET UT-05

LARRY K. CAMPBELL AND
DANA ELLEN CAMPBELL
TAX MAP 59 / PARCEL 139
LIBER WLB 1637 / FOLIO 271
PROJECT PARCEL 91

DAVID A. BESTE AND TERESA L. BESTE, H/W
T.M.#14-010.00-001
INS.#20021119-0112692

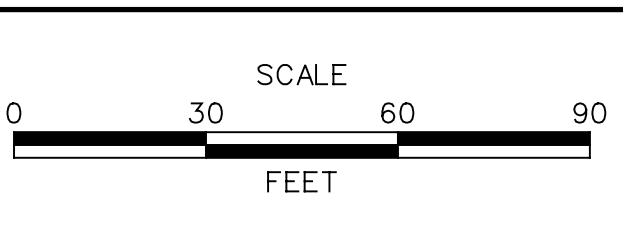
THOMAS ALLAN DILL, JR., ET UX
TAX MAP 59 / PARCEL 144
LIBER WAS 268 / FOLIO 369
PROJECT PARCEL 97

STATE OF DELAWARE,
DEPARTMENT OF TRANSPORTATION
T.M.#14-010.00-004
INS.#20090827-0056275

COMMERCIAL DEVELOPMENT COMPANY (B), INC.,
A CORPORATION OF THE STATE OF MARYLAND
T.M.#14-010.00-003
D.R. S-78-479



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------|----------------------|
| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: MAG/TAM |
| NEW CASTLE | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

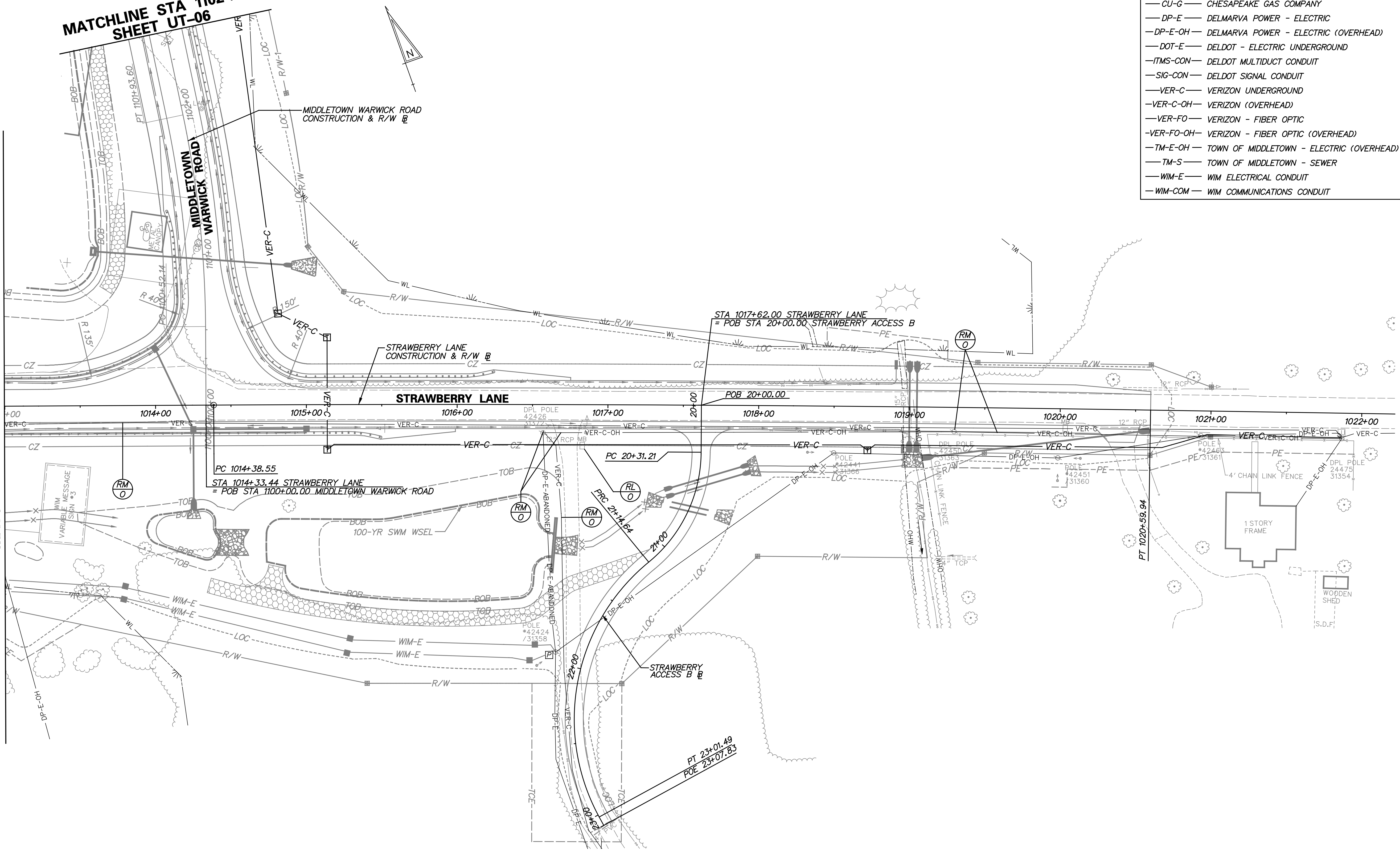
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| UT-25 |
| SHEET NO. 715 |
| TOTAL SHTS. 850 |

MATCHLINE STA 1102+50
SHEET UT-06

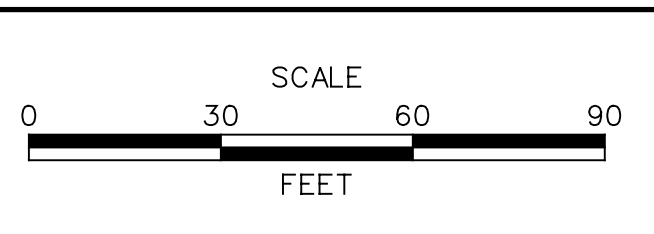
LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

MATCHLINE STA 1013+00 SHEET UT-05



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

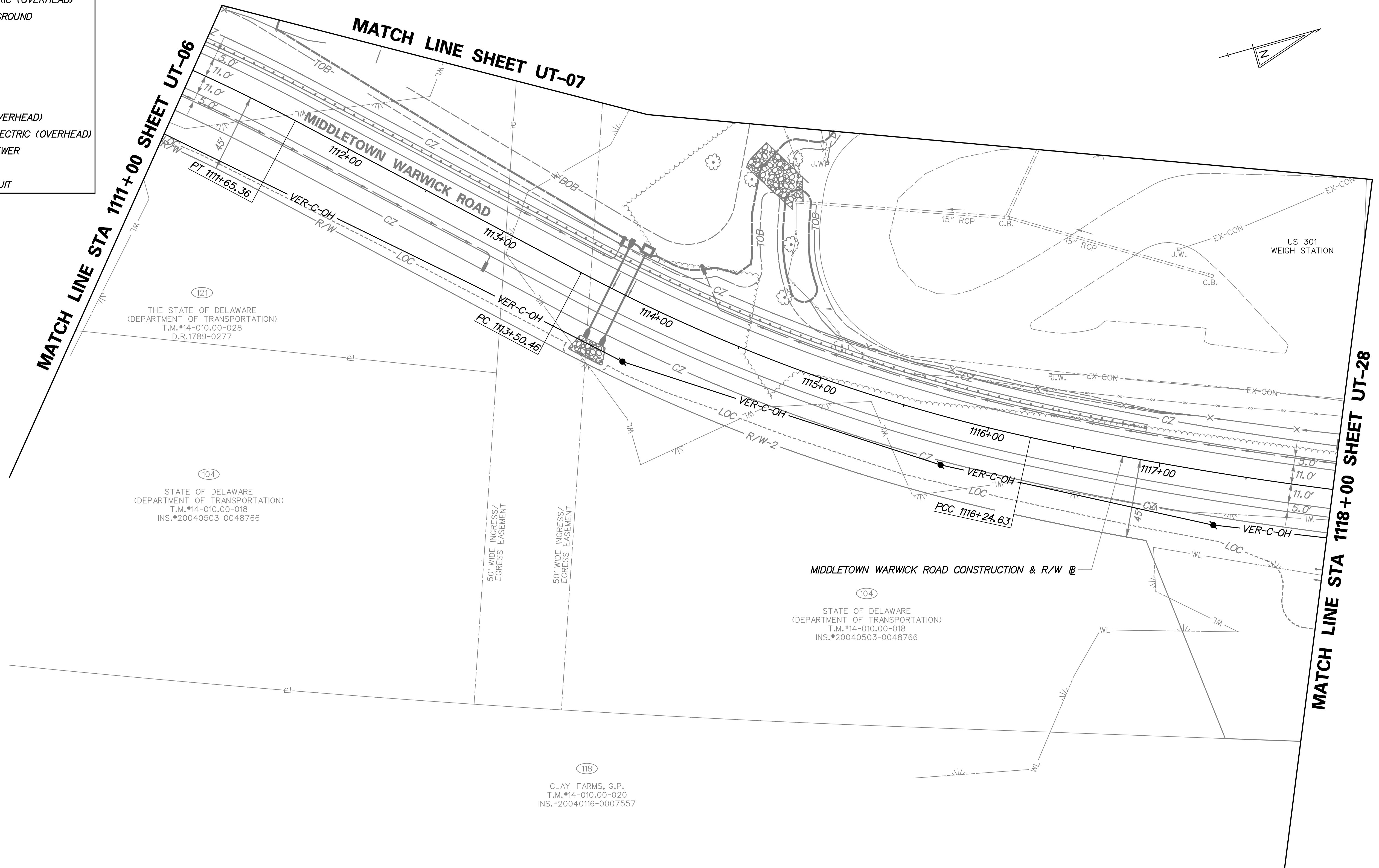
UTILITY RELOCATION PLAN

| |
|--------------------|
| SHEET NO. 716 |
| TOTAL SHTS. 850 |

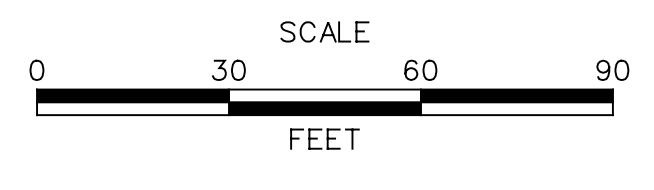
UT-26

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

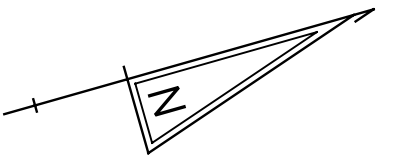
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| UTILITY RELOCATION PLAN | |
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| UT-27 | |
| SHEET NO. | 717 |
| TOTAL SHTS. | 850 |

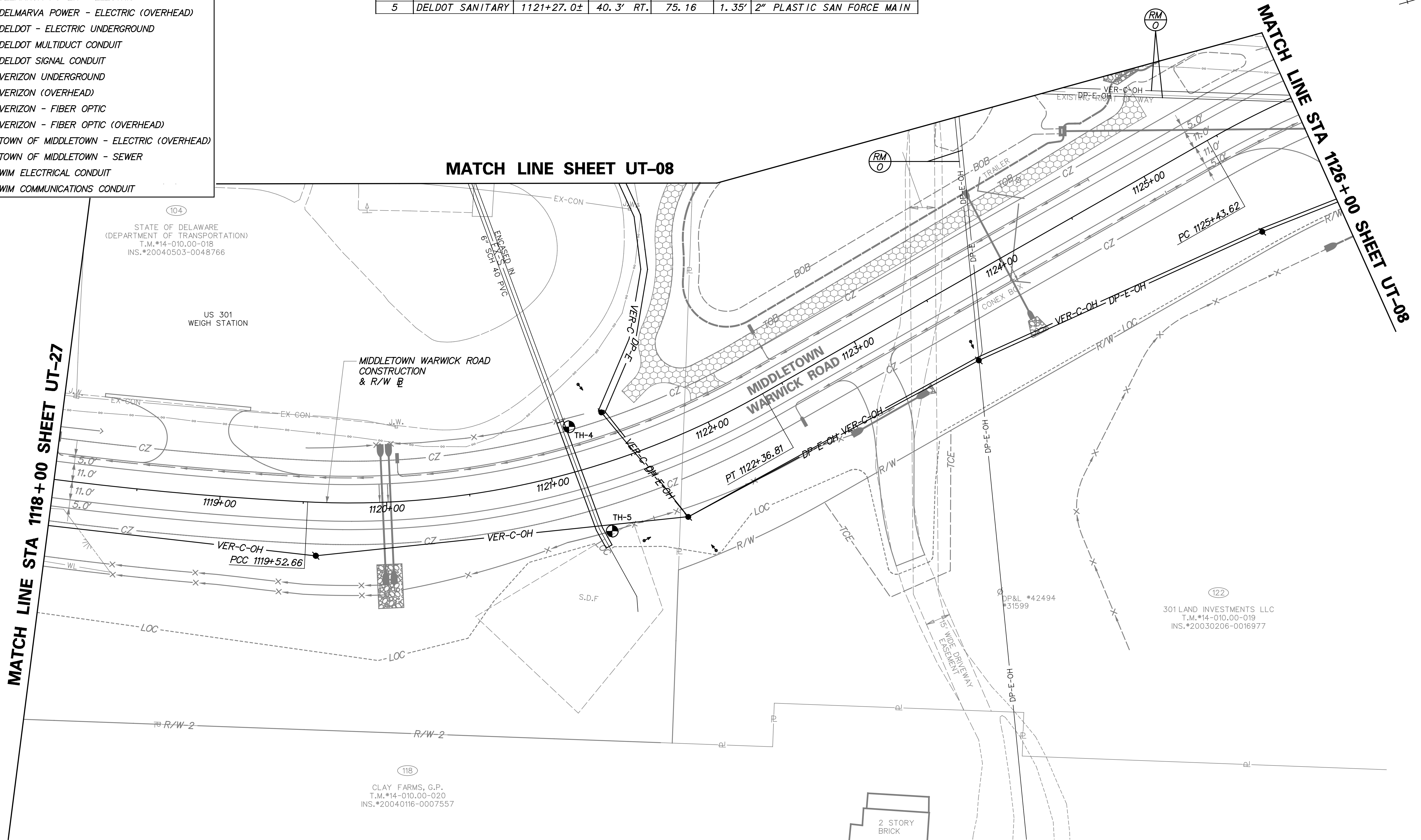
LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

| UTILITY TEST HOLE SCHEDULE | | | | | | |
|----------------------------|-----------------|------------|-----------|----------|-------|---|
| NO. | UTILITY | STATION | OFFSET | GRND EL. | COVER | O. D. & MATERIAL |
| 4 | DELDOT SANITARY | 1121+20.0± | 27.1' LT. | 74.15 | 1.75' | 6 1/2" PLASTIC CASING FOR 2" PLASTIC FORCE MAIN |
| 5 | DELDOT SANITARY | 1121+27.0± | 40.3' RT. | 75.16 | 1.35' | 2" PLASTIC SAN FORCE MAIN |

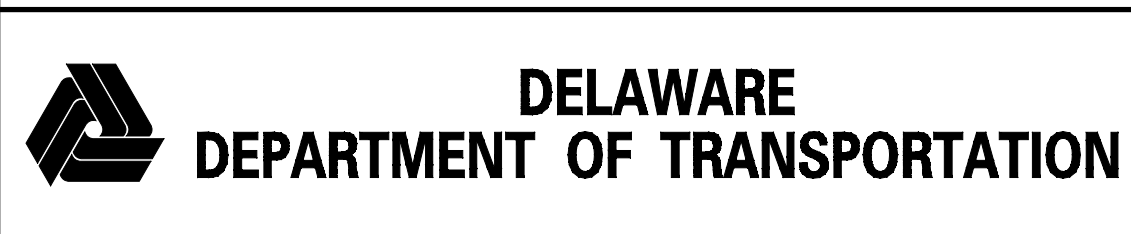


MATCH LINE SHEET UT-08

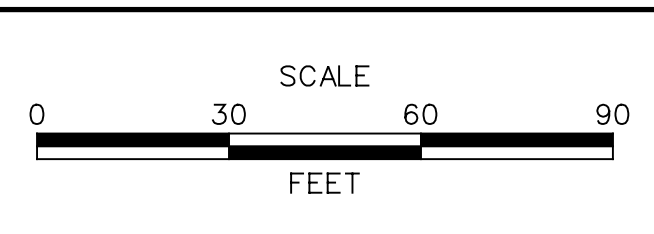


MATCH LINE STA 1118 + 00 SHEET UT-27

MATCH LINE STA 1126 + 00 SHEET UT-08



| ADDENDUMS / REVISIONS | |
|-----------------------|--|
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

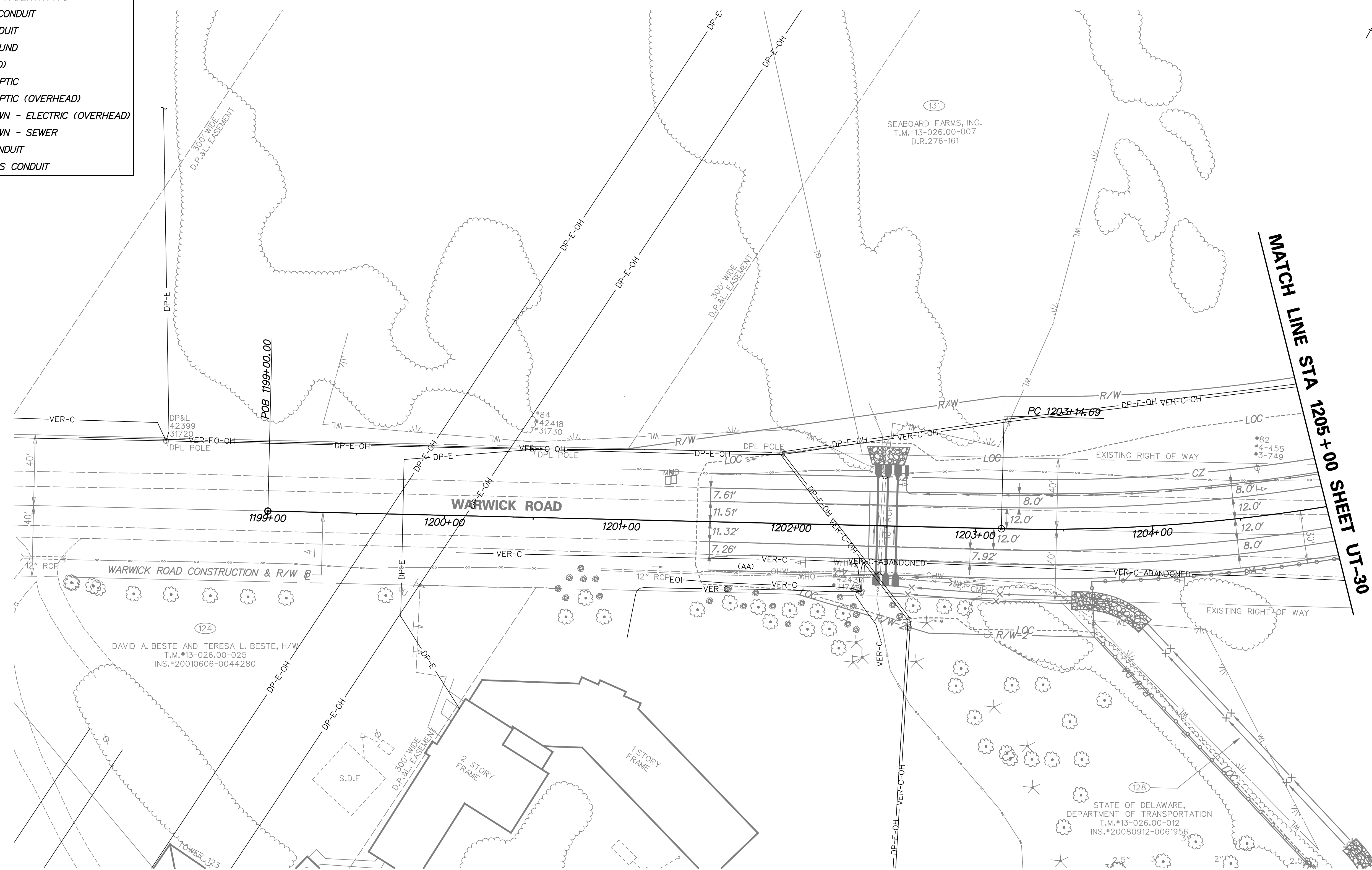
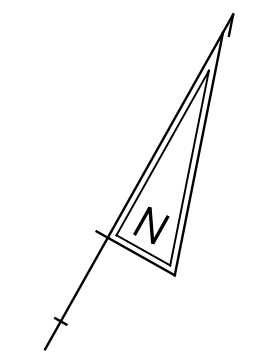
| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

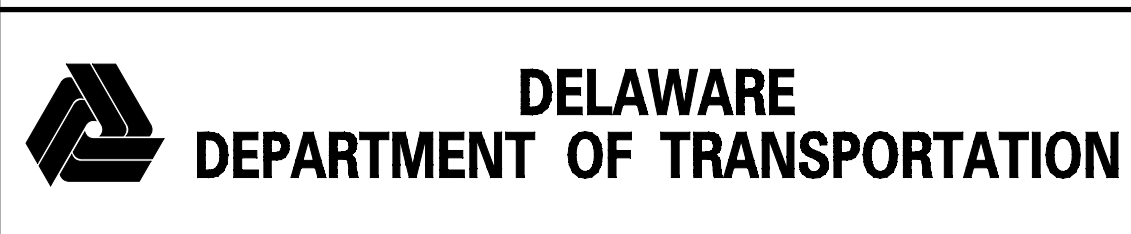
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|--------------|--------------------|
| UT-28 | SHEET NO. 718 |
| | TOTAL SHTS. 850 |

LEGEND

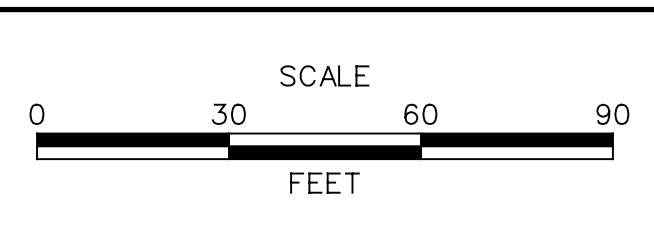
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



MATCH LINE STA 1205 + 00 SHEET UT-30



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

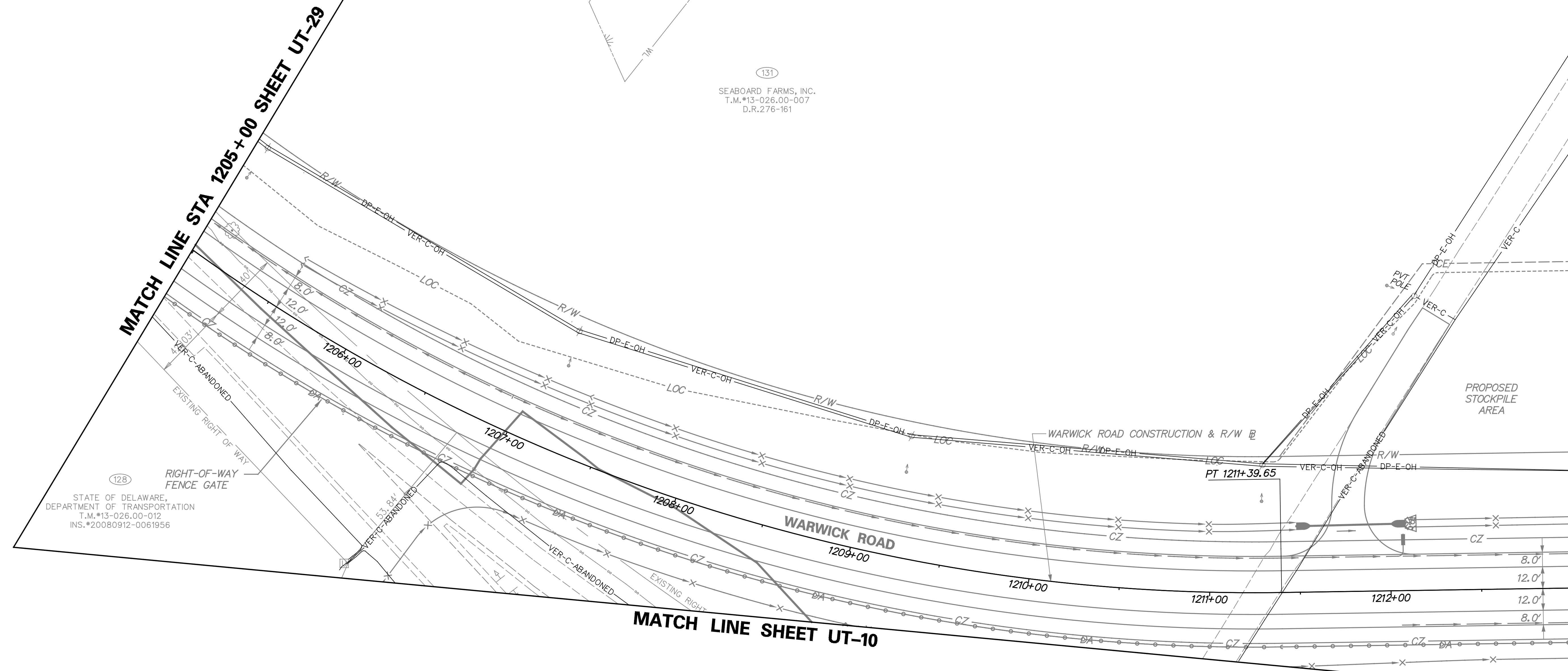
| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

| | |
|--------------|-----|
| UT-29 | |
| SHEET NO. | 719 |
| TOTAL SHTS. | 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



(128)
STATE OF DELAWARE,
DEPARTMENT OF TRANSPORTATION
T.M.#13-026.00-012
INS.#20080912-0061956

(131)
SEABOARD FARMS, INC.
T.M.#13-026.00-007
D.R.276-161

MATCH LINE STA 1213+00 SHEET UT-31

MATCH LINE STA 1205+00 SHEET UT-29

MATCH LINE SHEET UT-10

UT-30



| ADDENDUMS / REVISIONS | |
|-----------------------|--|
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------------------|---|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM CHECKED BY: PAH |

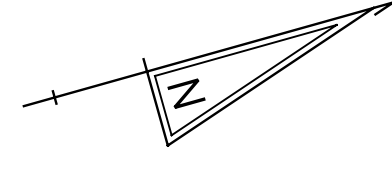
UTILITY RELOCATION PLAN

| |
|--------------------|
| SHEET NO. 720 |
| TOTAL SHTS. 850 |

LEGEND

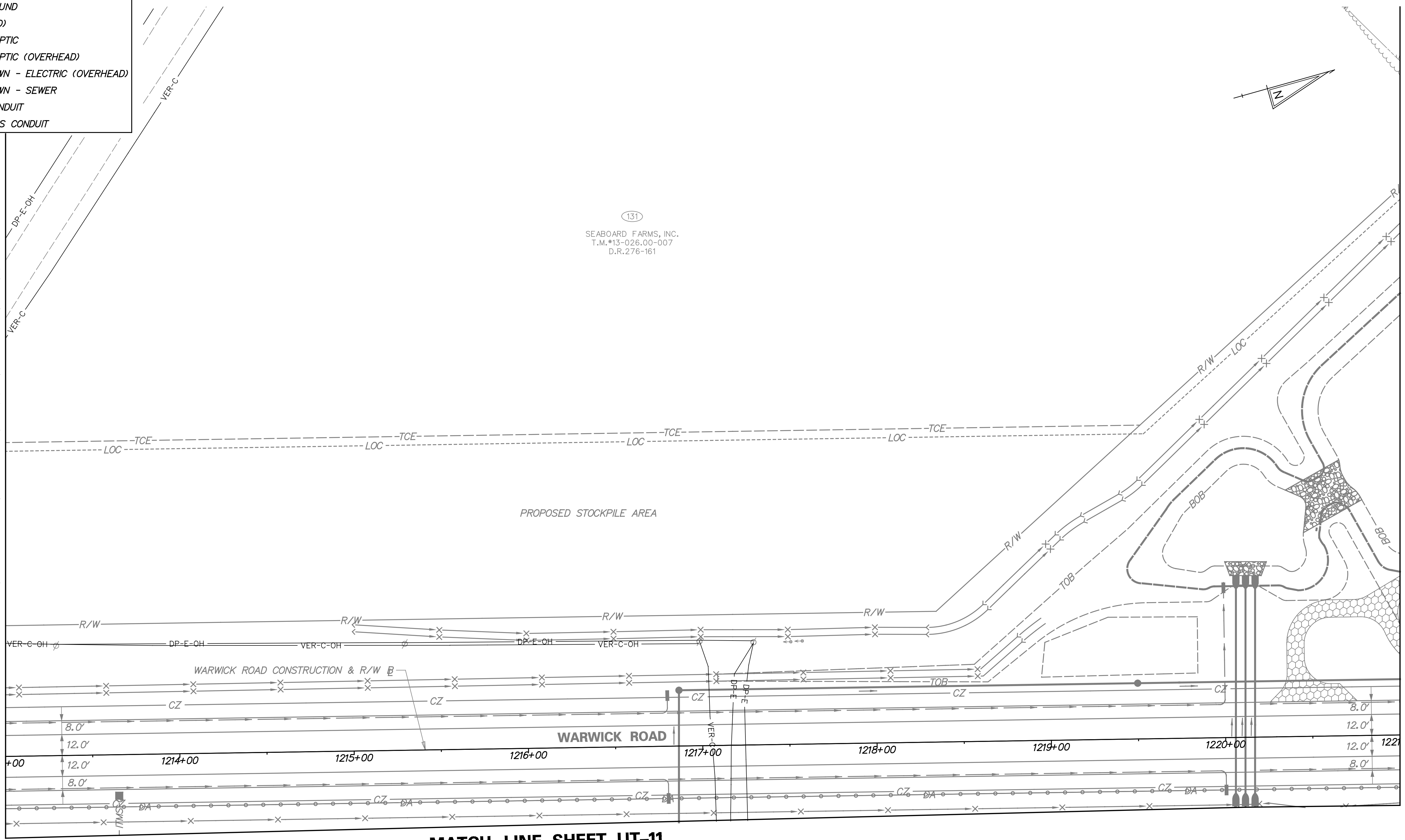
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

131
SEABOARD FARMS, INC.
T.M.#13-026.00-007
D.R.276-161

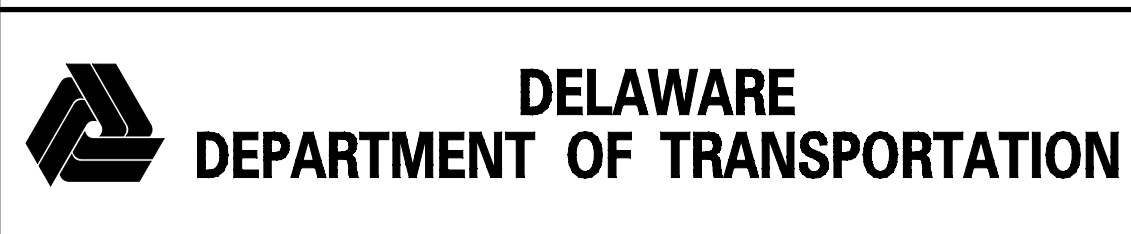


MATCH LINE STA 1213+00 SHEET UT-30

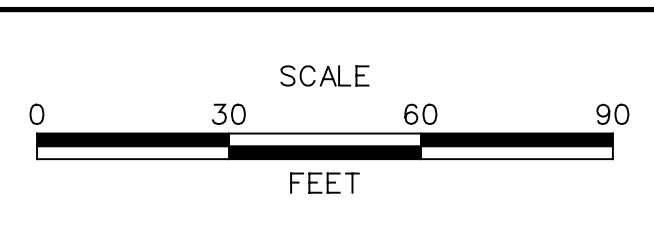
MATCH LINE STA 1221+00 SHEET UT-32



MATCH LINE SHEET UT-11



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

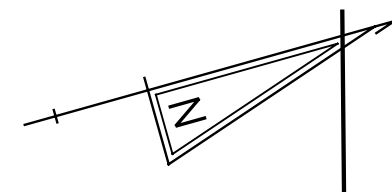
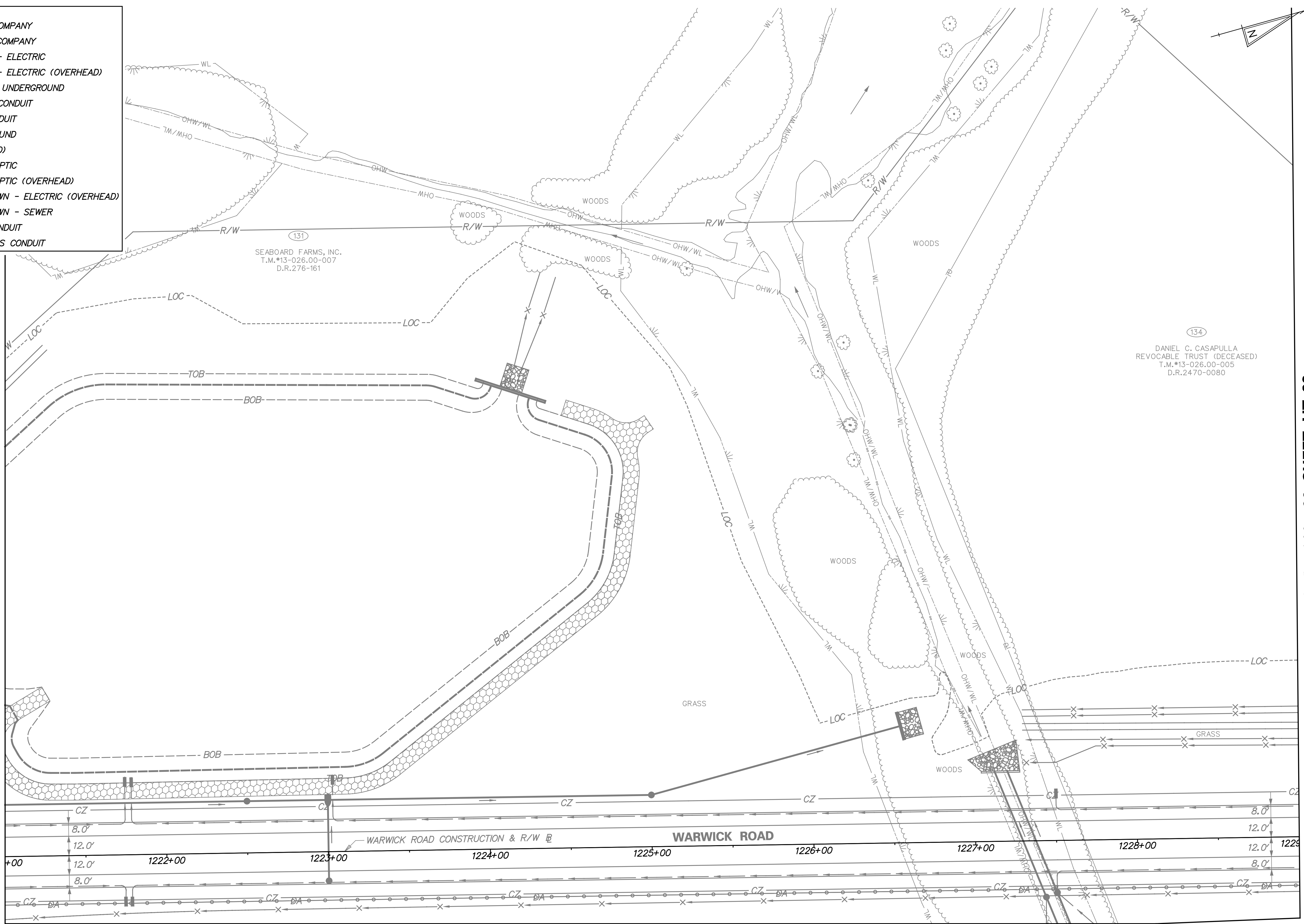
UTILITY RELOCATION PLAN

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| UT-31 | SHEET NO. 721 |
| | TOTAL SHTS. 850 |

LEGEND

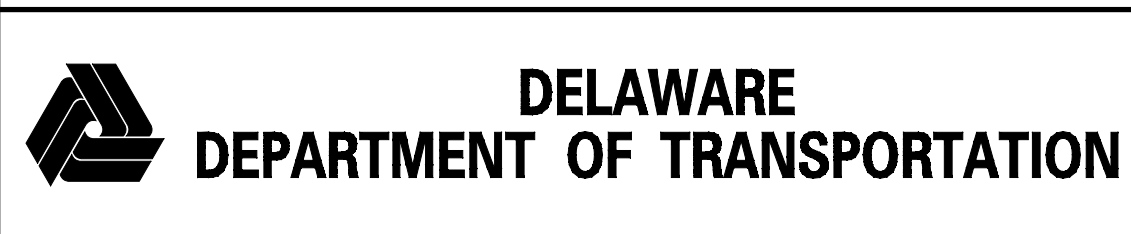
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

MATCH LINE STA 1221+00 SHEET UT-31

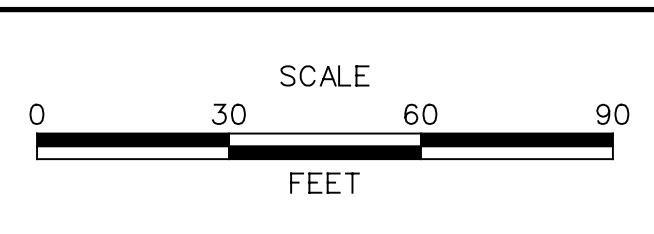


MATCH LINE STA 1229+00 SHEET UT-33

MATCH LINE SHEET UT-12



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

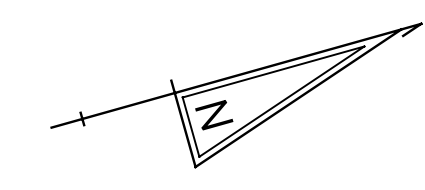
| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

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| UT-32 |
| SHEET NO. 722 |
| TOTAL SHTS. 850 |

LEGEND

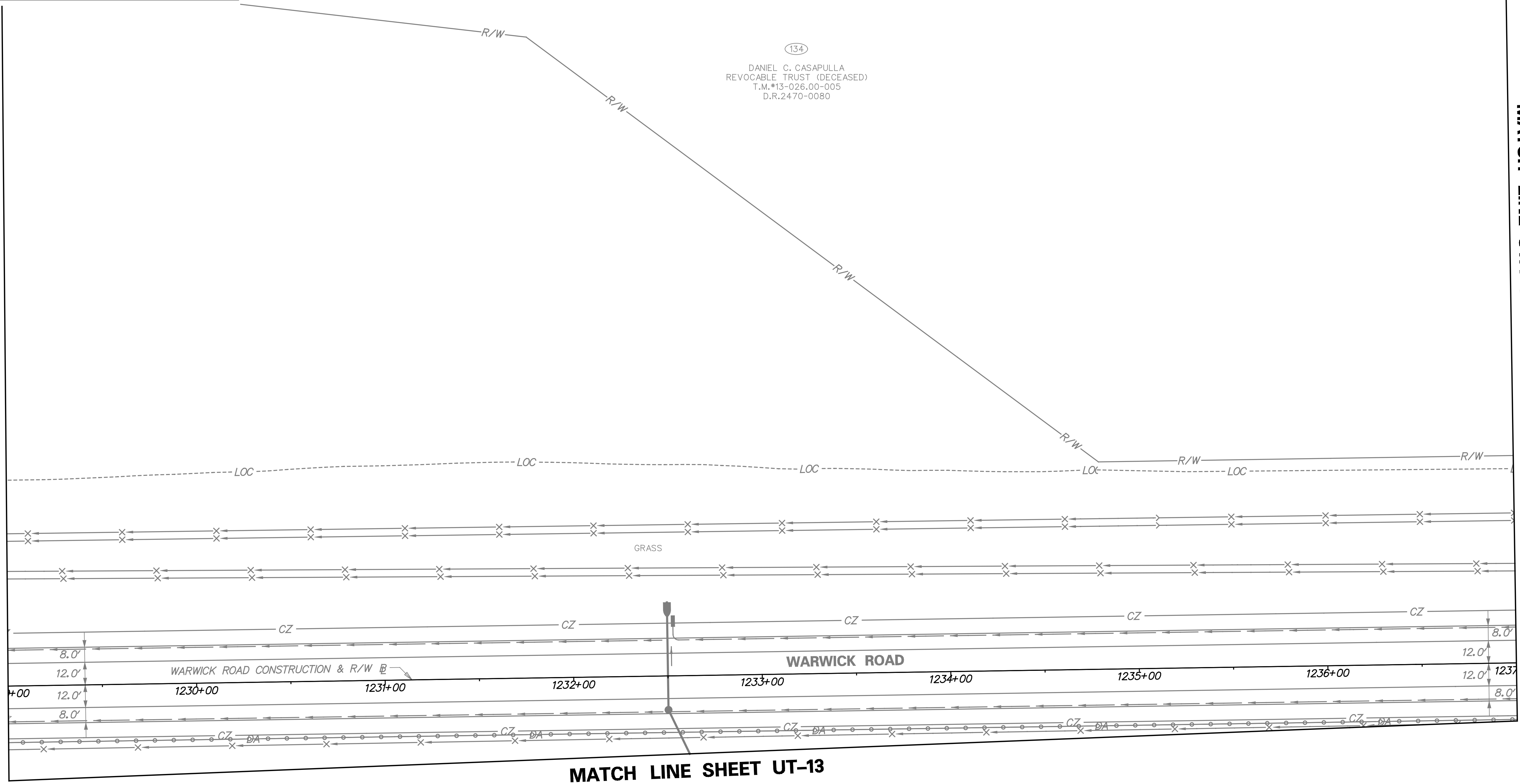
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



(134)
 DANIEL C. CASAPULLA
 REVOCABLE TRUST (DECEASED)
 T.M.#13-026.00-005
 D.R.2470-0080

MATCH LINE STA 1229+00 SHEET UT-32

MATCH LINE STA 1237+00 SHEET UT-34

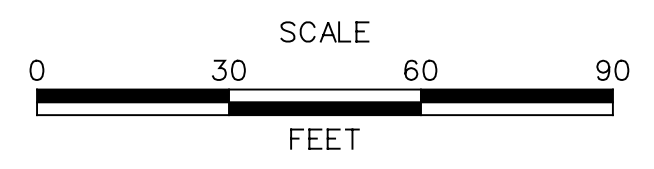


MATCH LINE SHEET UT-13

UT-33



| ADDENDUMS / REVISIONS | |
|-----------------------|--|
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**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

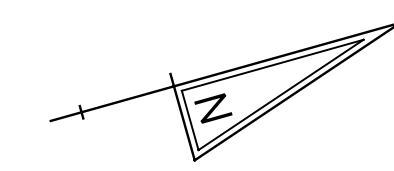
UTILITY RELOCATION PLAN

| |
|--------------------|
| SHEET NO. 723 |
| TOTAL SHTS. 850 |

LEGEND

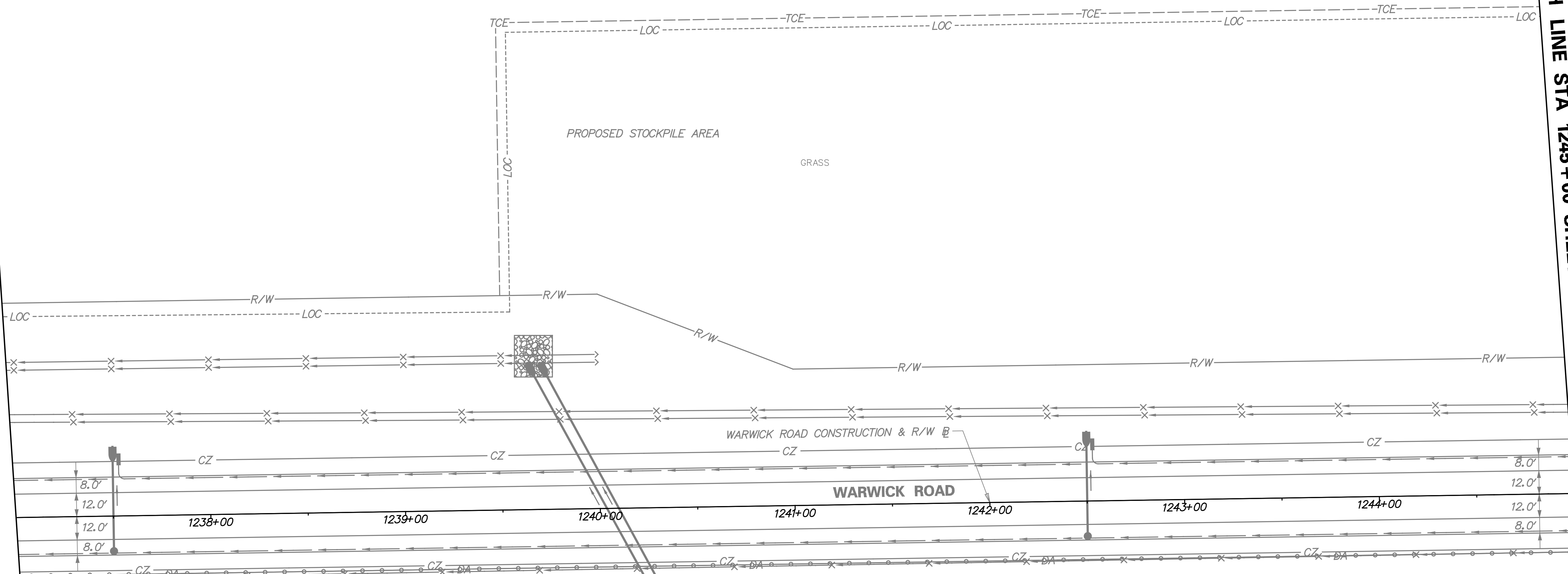
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

(134)
 DANIEL C. CASAPULLA
 REVOCABLE TRUST (DECEASED)
 T.M.#13-026.00-005
 D.R.2470-0080



MATCH LINE STA 1237+00 SHEET UT-33

MATCH LINE STA 1245+00 SHEET UT-35

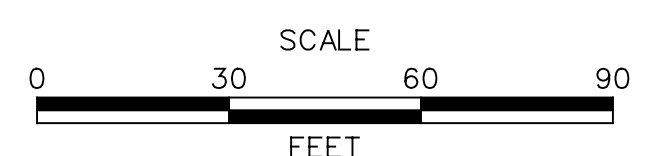


MATCH LINE SHEET 14

UT-34



| ADDENDUMS / REVISIONS | |
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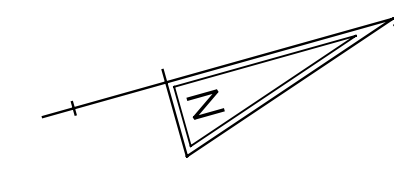
**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

| | | |
|------------------------|----------------------|--|
| CONTRACT T200811301 | BRIDGE NO. | |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM | |
| | CHECKED BY: PAH | |

| | |
|--------------------------------|--------------------|
| UTILITY RELOCATION PLAN | SHEET NO. 724 |
| | TOTAL SHTS. 850 |

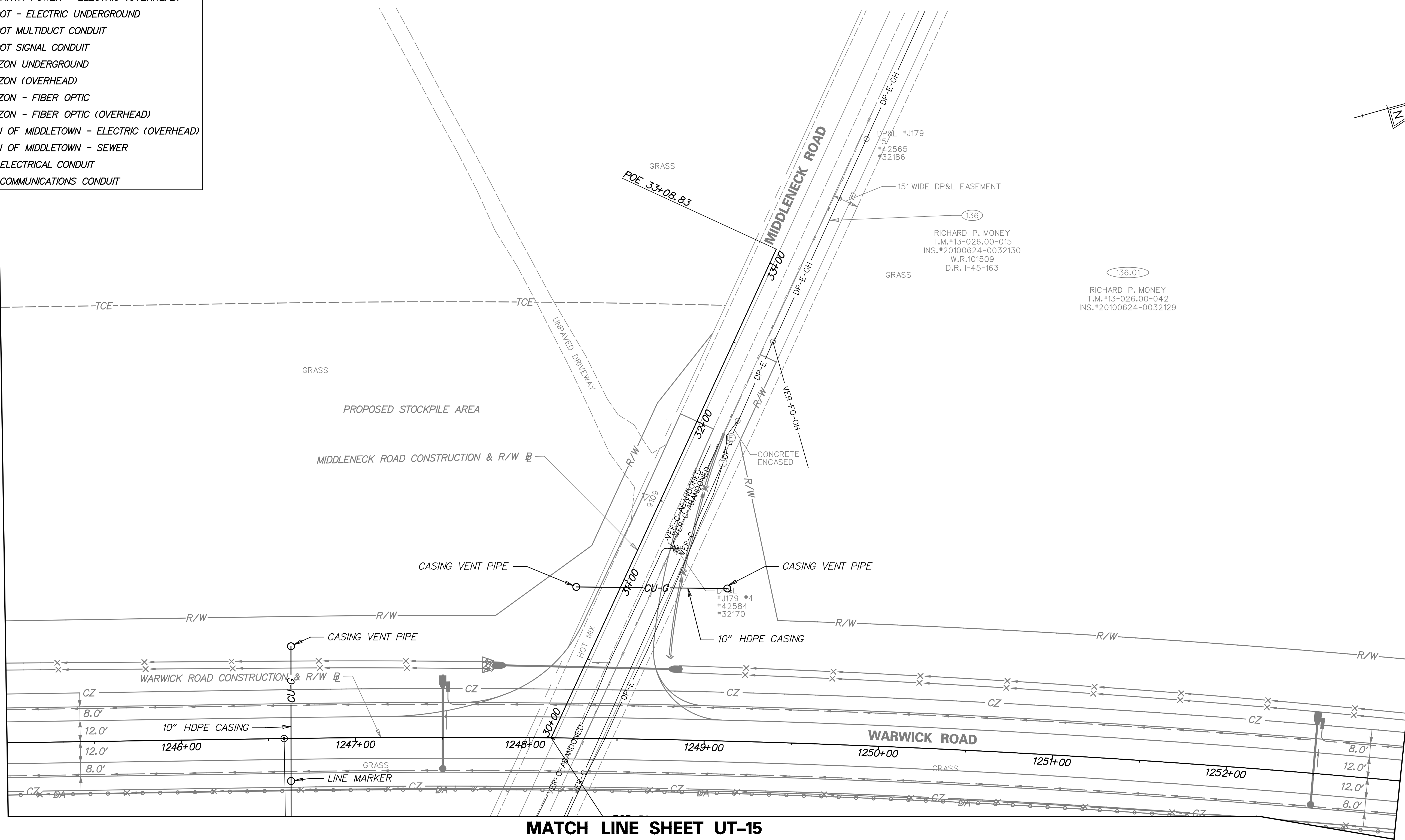
LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
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- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



MATCH LINE STA 1245 + 00 SHEET UT-34

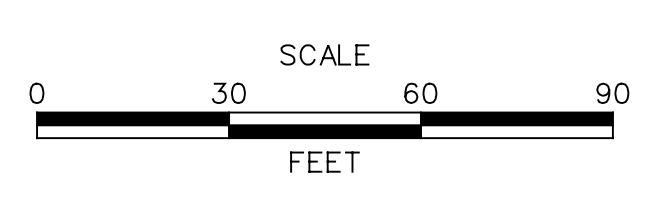
MATCH LINE STA 1253 + 00 SHEET UT-36



MATCH LINE SHEET UT-15



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

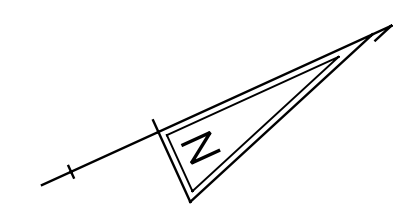
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|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

| | |
|--------------------------------|-----|
| UTILITY RELOCATION PLAN | |
| SHEET NO. | 725 |
| TOTAL SHTS. | 850 |

UT-35

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
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- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

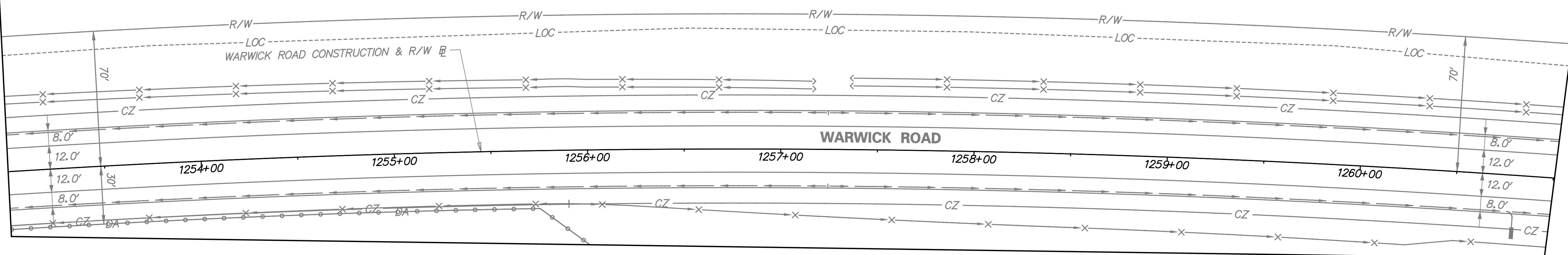


136.01
 RICHARD P. MONEY
 T.M.#13-026.00-042
 INS.#20100624-0032129

GRASS

MATCH LINE STA 1253+00 SHEET UT-35

MATCH LINE STA 1261+00 SHEET UT-37

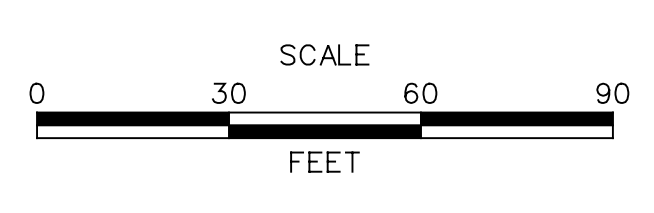


MATCH LINE SHEET UT-16

UT-36



| ADDENDUMS / REVISIONS | |
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**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

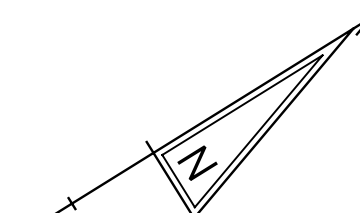
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|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

| |
|--------------------|
| SHEET NO. 726 |
| TOTAL SHTS. 850 |

LEGEND

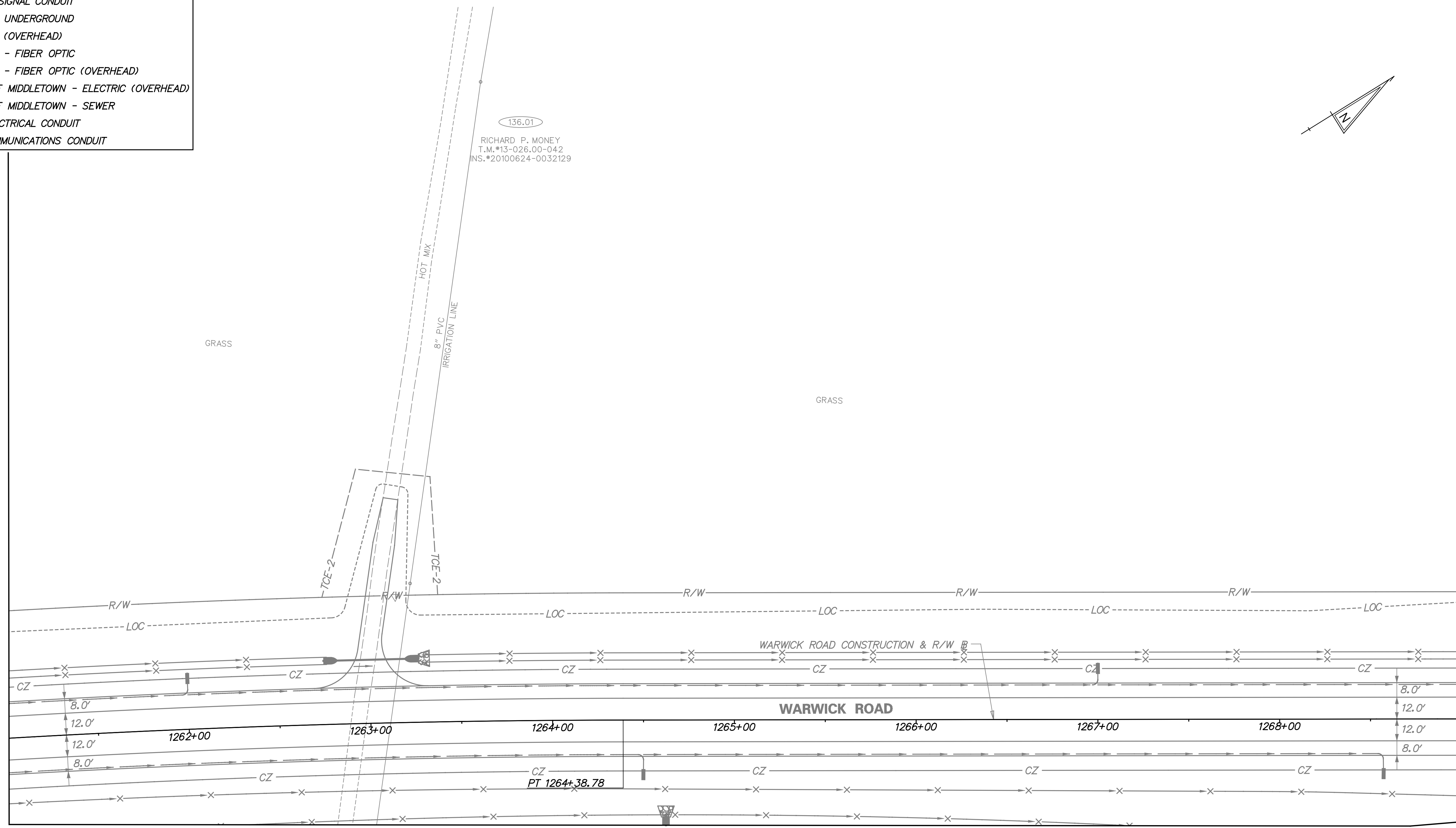
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



136.01
 RICHARD P. MONEY
 T.M.*13-026.00-042
 NS.*20100624-0032129

MATCH LINE STA 1261+00 SHEET UT-36

MATCH LINE STA 1269+00 SHEET UT-38

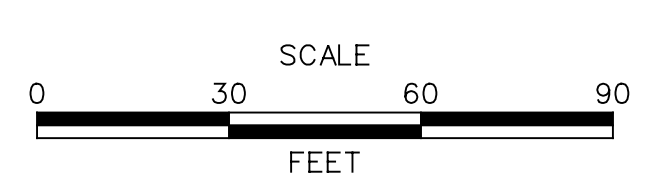


MATCH LINE SHEET UT-17

UT-37



| ADDENDUMS / REVISIONS | |
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**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

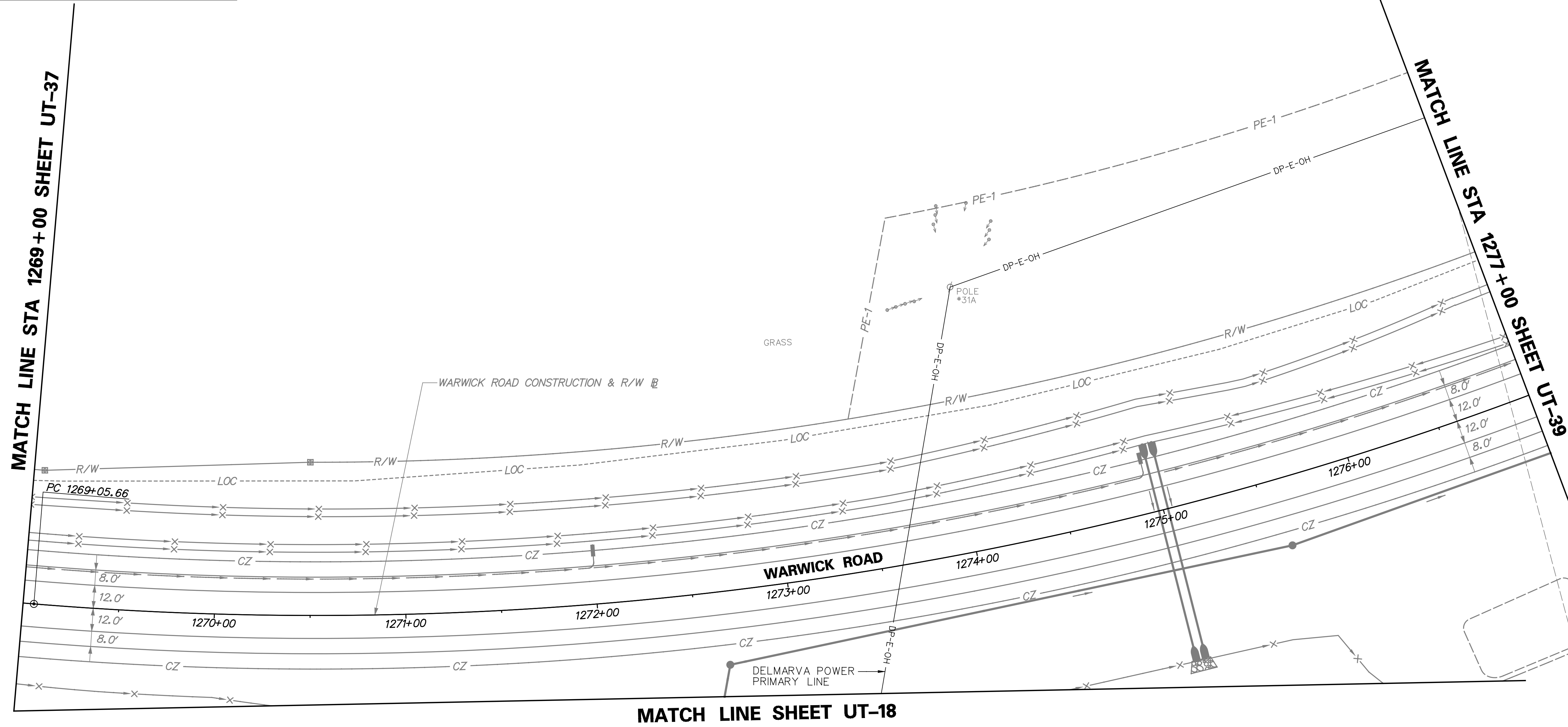
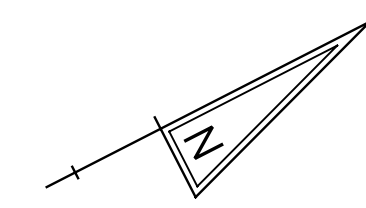
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|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

| | |
|--------------------------------|--------------------|
| UTILITY RELOCATION PLAN | SHEET NO. 727 |
| | TOTAL SHTS. 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

136.01
 RICHARD P. MONEY
 T.M.#13-026.00-042
 INS.#20100624-0032129

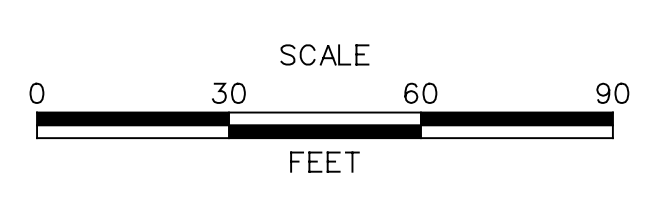


MATCH LINE SHEET UT-18

UT-38



| ADDENDUMS / REVISIONS | |
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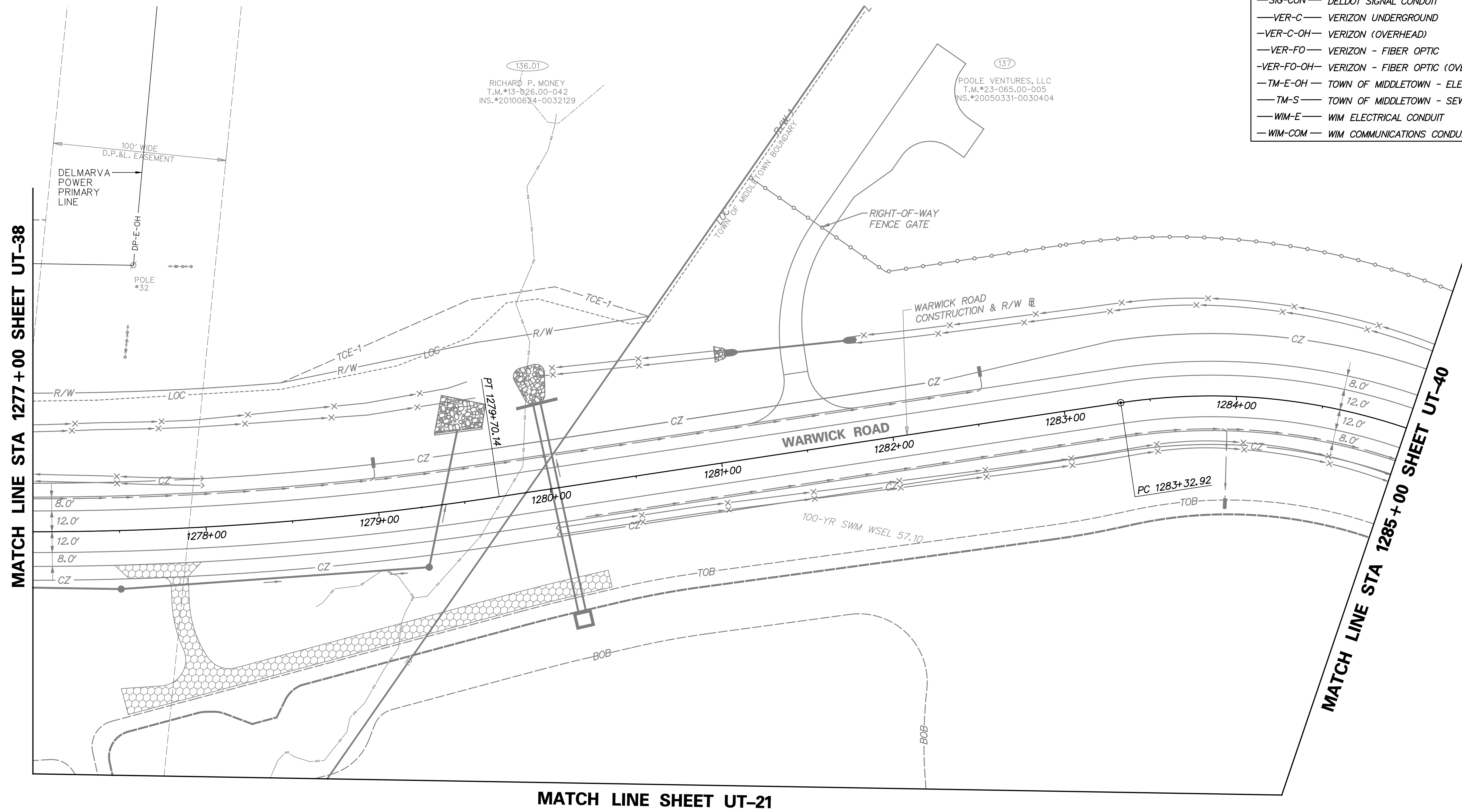


**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

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|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

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|--------------------------------|--------------------|
| UTILITY RELOCATION PLAN | SHEET NO. 728 |
| | TOTAL SHTS. 850 |

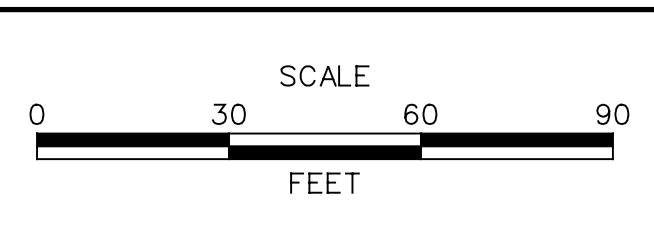
| LEGEND | |
|-------------|--|
| —AW-W— | ARTESIAN WATER COMPANY |
| —CU-G— | CHESAPEAKE GAS COMPANY |
| —DP-E— | DELMARVA POWER - ELECTRIC |
| —DP-E-OH— | DELMARVA POWER - ELECTRIC (OVERHEAD) |
| —DOT-E— | DELDOT - ELECTRIC UNDERGROUND |
| —ITMS-CON— | DELDOT MULTIDUCT CONDUIT |
| —SIG-CON— | DELDOT SIGNAL CONDUIT |
| —VER-C— | VERIZON UNDERGROUND |
| —VER-C-OH— | VERIZON (OVERHEAD) |
| —VER-FO— | VERIZON - FIBER OPTIC |
| —VER-FO-OH— | VERIZON - FIBER OPTIC (OVERHEAD) |
| —TM-E-OH— | TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD) |
| —TM-S— | TOWN OF MIDDLETOWN - SEWER |
| —WIM-E— | WIM ELECTRICAL CONDUIT |
| —WIM-COM— | WIM COMMUNICATIONS CONDUIT |



MATCH LINE SHEET UT-21



| ADDENDUMS / REVISIONS | |
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**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

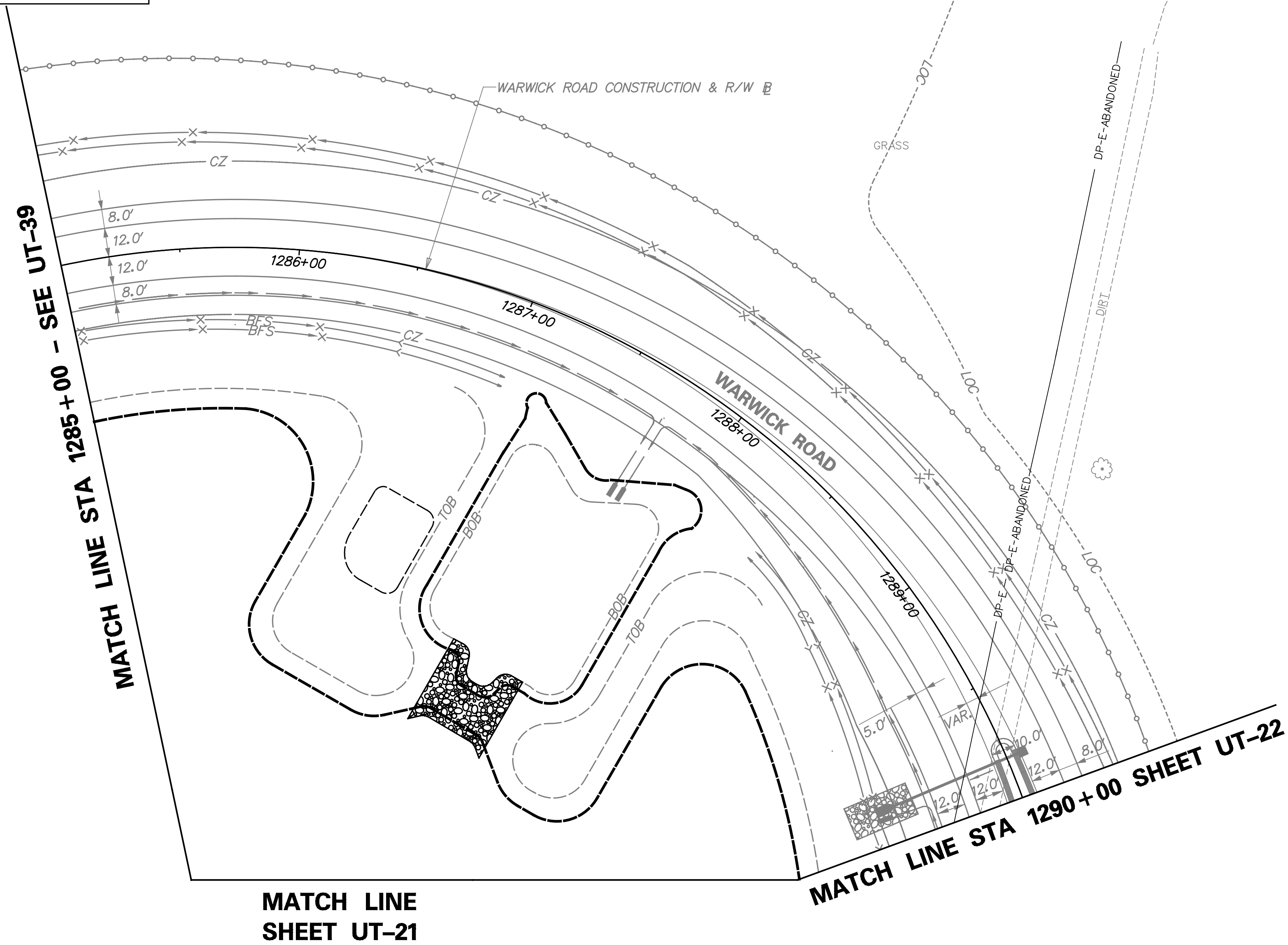
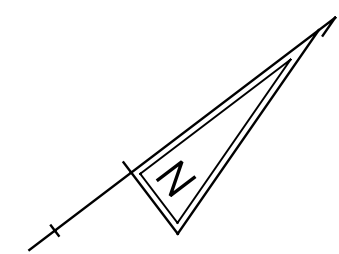
UT-39

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|--------------------|
| SHEET NO. 729 |
| TOTAL SHTS. 850 |

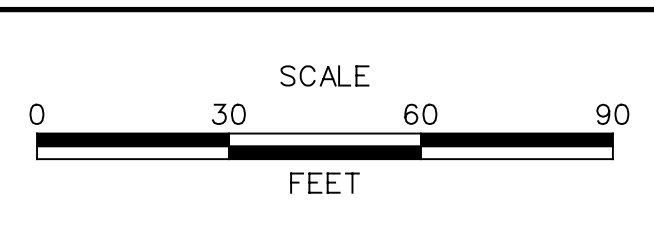
LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

137
 POOLE VENTURES, LLC
 T.M.#23-065.00-005
 INS.#20050331-0030404



| ADDENDUMS / REVISIONS | |
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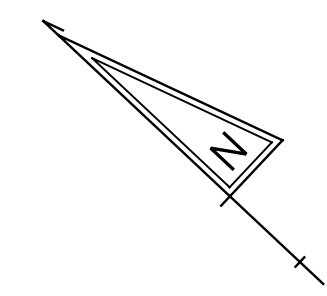


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| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: MAG/TAM |
| NEW CASTLE | CHECKED BY: PAH |

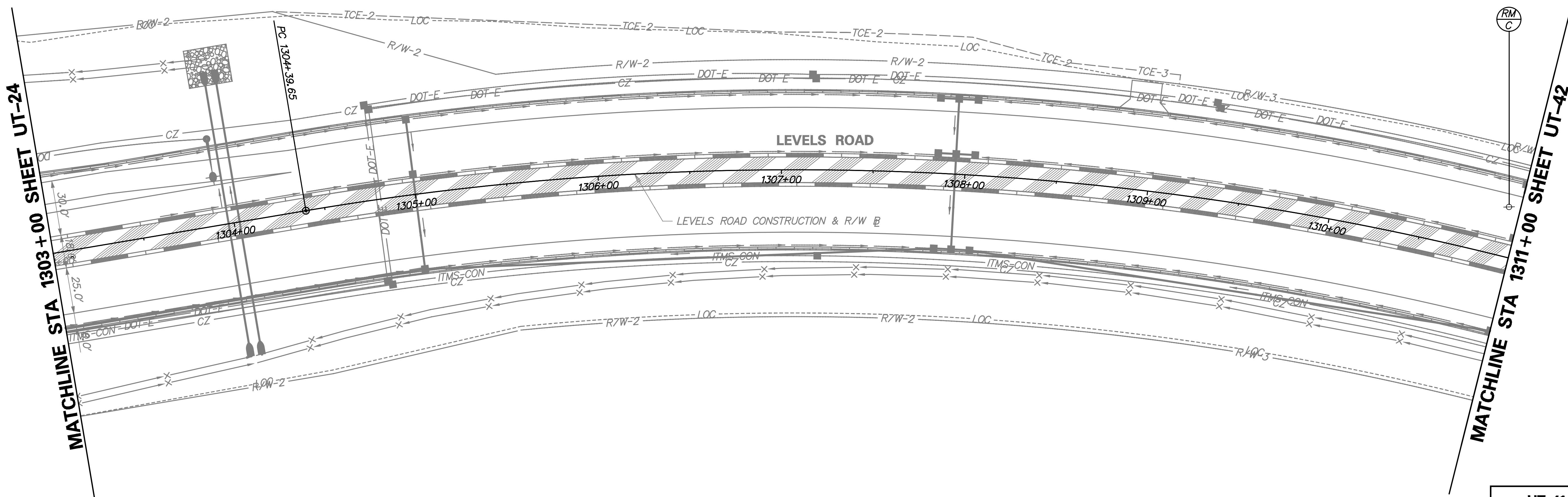
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| UT-40 | |
| SHEET NO. | 730 |
| TOTAL SHTS. | 850 |

LEGEND

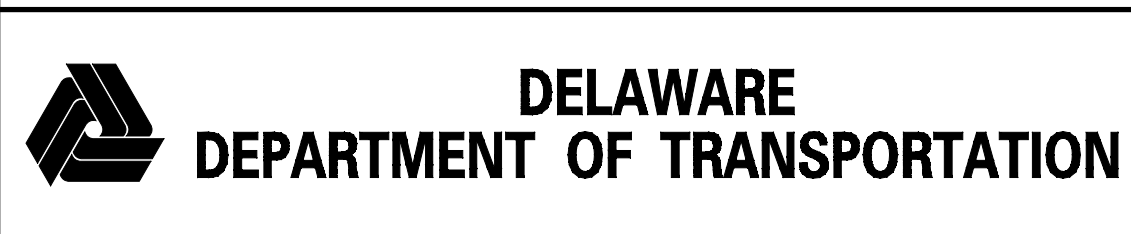
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT



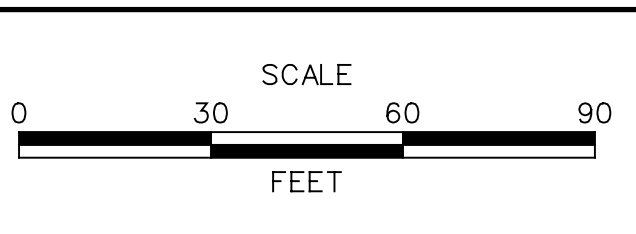
(137)
 POOLE VENTURES, LLC
 T.M.#23-065.00-005
 INS.#20050331-0030404



UT-41



| ADDENDUMS / REVISIONS |
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**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

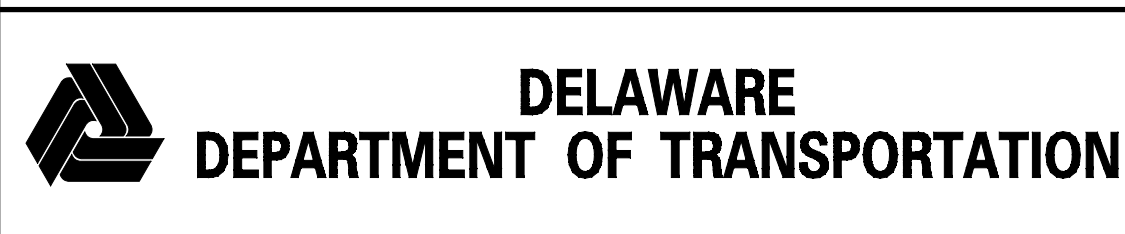
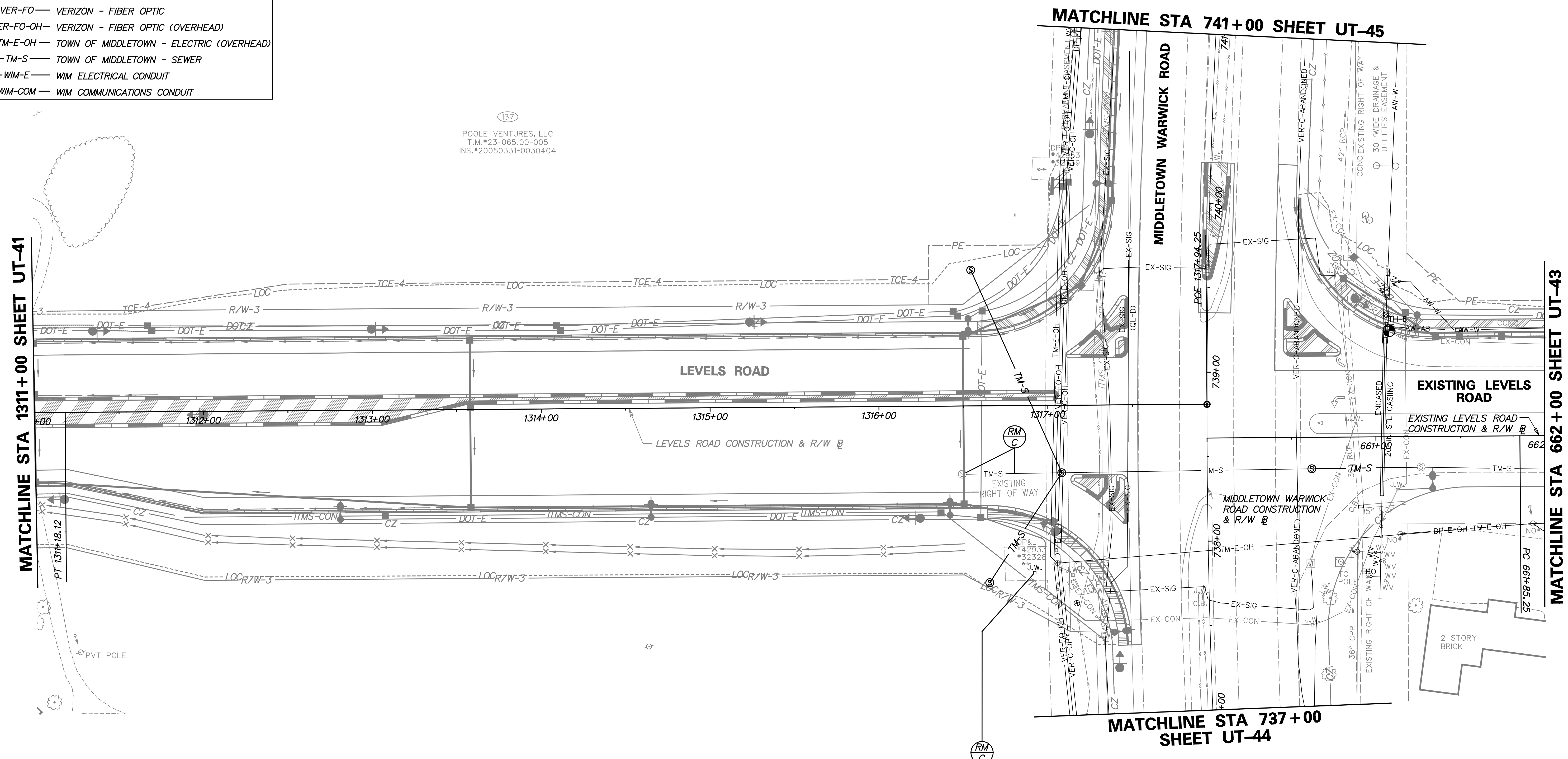
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| UTILITY RELOCATION PLAN | SHEET NO. 731 |
| | TOTAL SHTS. 850 |

LEGEND

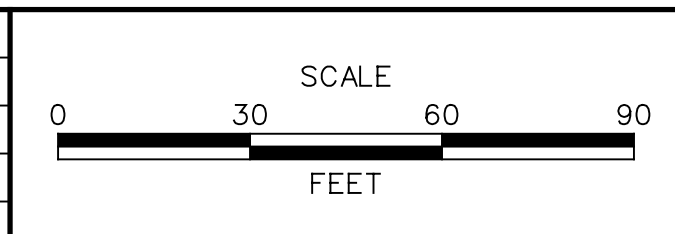
- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

| UTILITY TEST HOLE SCHEDULE | | | | | | |
|----------------------------|----------|-----------|-----------|----------|-------|----------------------|
| NO. | UTILITY | STATION | OFFSET | GRND EL. | COVER | O. D. & MATERIAL |
| 6 | ARTESIAN | 661+08.2± | 62.8' LT. | 64.90 | 4.01' | 12" D. I. WATER LINE |

(137)
 POOLE VENTURES, LLC
 T.M.*23-065.00-005
 INS.*20050331-0030404



| ADDENDUMS / REVISIONS | |
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**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

| | |
|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

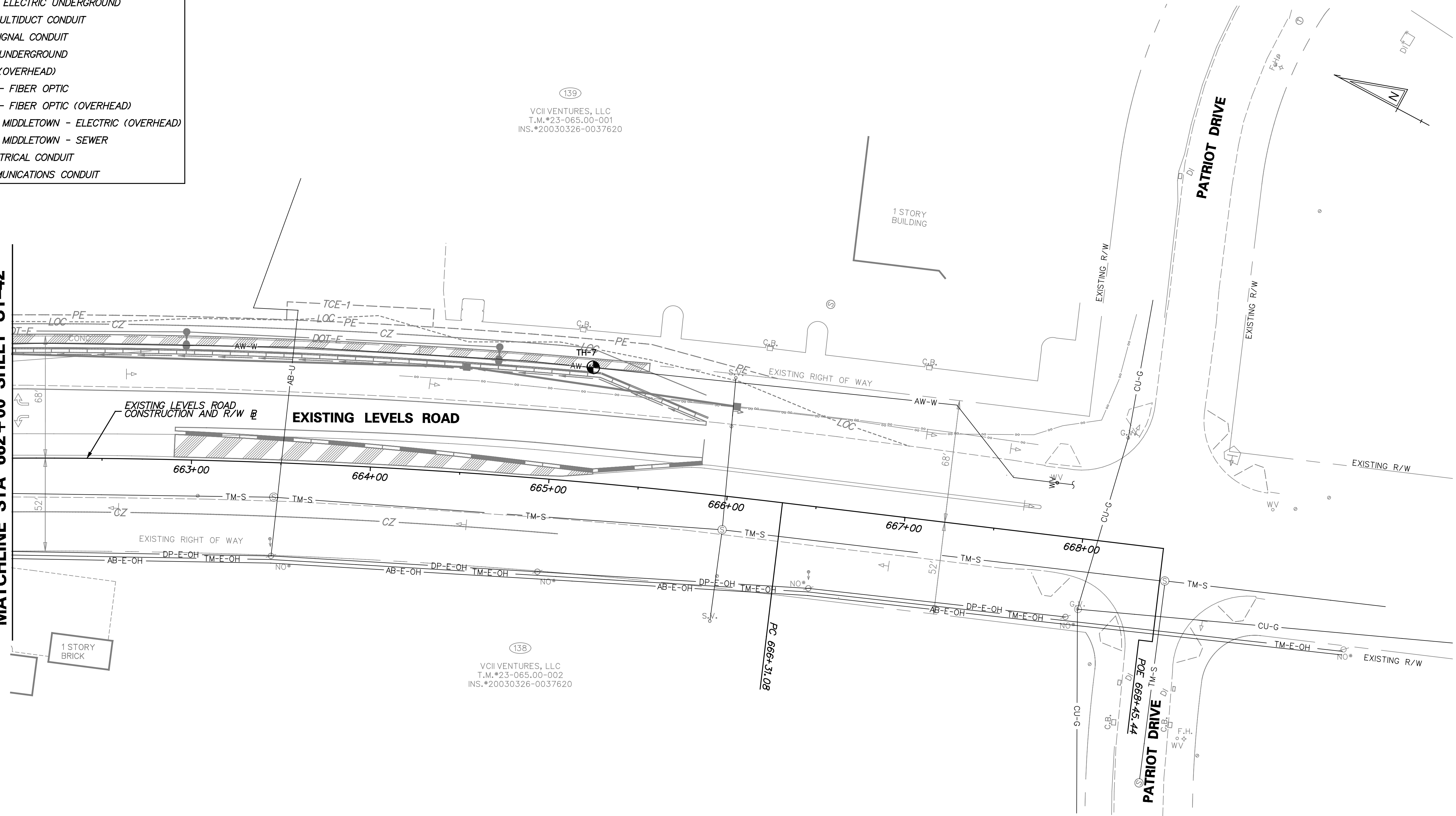
| |
|--------------------|
| UT-42 |
| SHEET NO. 732 |
| TOTAL SHTS. 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

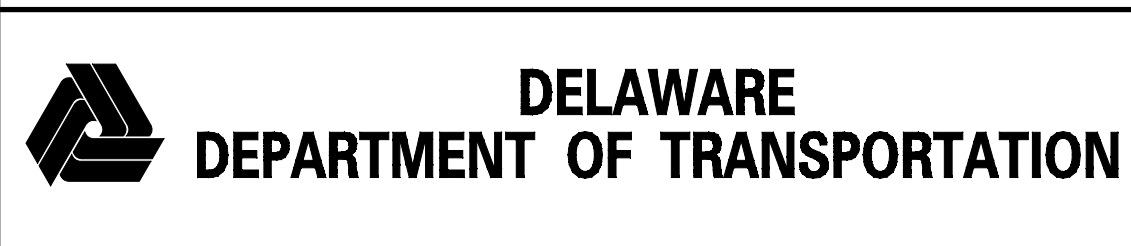
| UTILITY TEST HOLE SCHEDULE | | | | | | |
|----------------------------|----------|-----------|-----------|----------|-------|----------------------|
| NO. | UTILITY | STATION | OFFSET | GRND EL. | COVER | O. D. & MATERIAL |
| 7 | ARTESIAN | 665+19.2± | 64.2' LT. | 69.55 | 4.05' | 12" D. I. WATER LINE |

MATCHLINE STA 662+00 SHEET UT-42

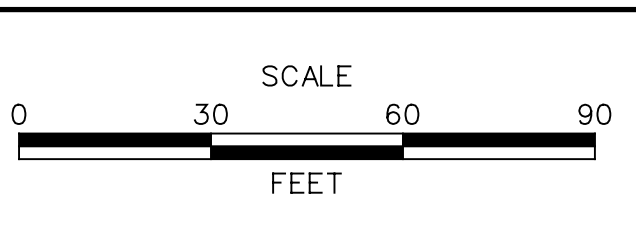


NOTE:
ALL DRIVEWAYS, UTILITY FACILITIES AND FENCES LOCATED WITHIN THE EXISTING BUSINESS 301 CORRIDOR WILL BE RELOCATED UNDER CONTRACT 25-128-04.

UT-43



| ADDENDUMS / REVISIONS | |
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US 301
MARYLAND STATE LINE
TO LEVELS ROAD

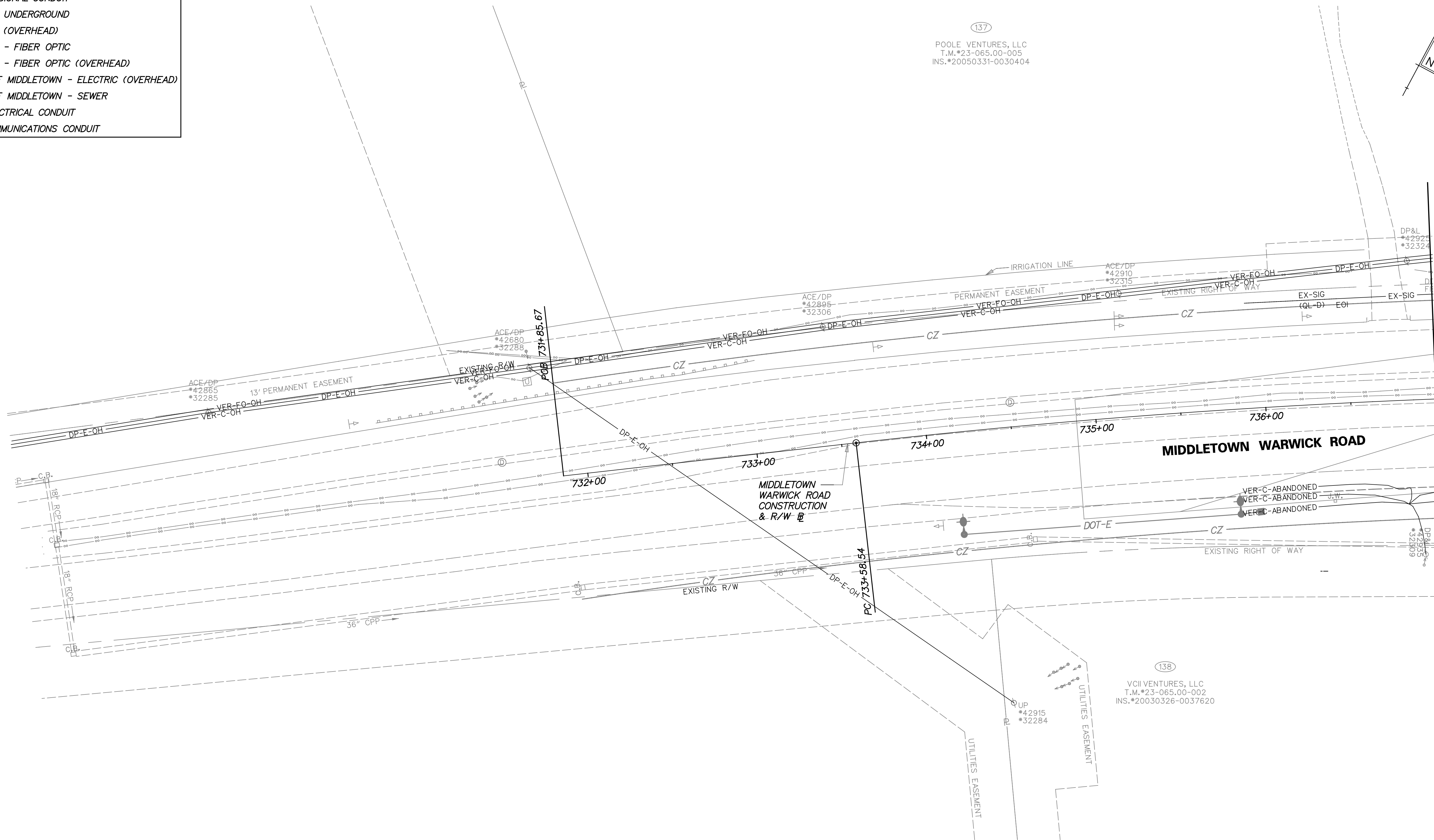
| | |
|------------|----------------------|
| CONTRACT | BRIDGE NO. |
| T200811301 | |
| COUNTY | DESIGNED BY: MAG/TAM |
| NEW CASTLE | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

| |
|-------------|
| SHEET NO. |
| 733 |
| TOTAL SHTS. |
| 850 |

LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

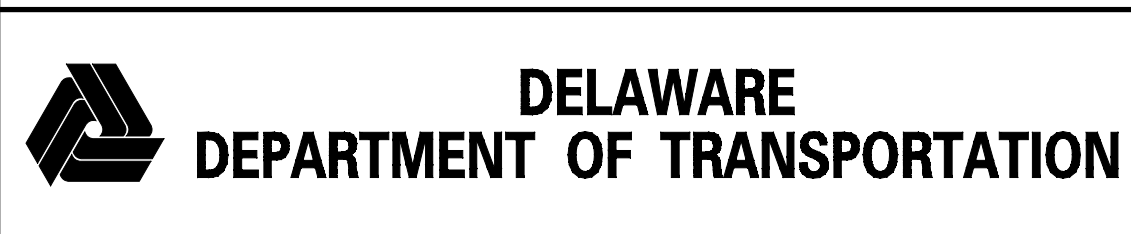


(137)
 POOLE VENTURES, LLC
 T.M.#23-065.00-005
 INS.#20050331-0030404

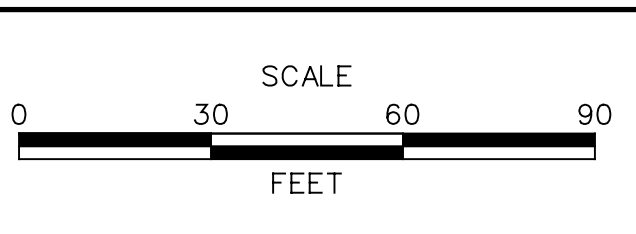
(138)
 VCH VENTURES, LLC
 T.M.#23-065.00-002
 INS.#20030326-0037620

NOTE:
 ALL DRIVEWAYS, UTILITY FACILITIES AND FENCES LOCATED WITHIN THE EXISTING BUSINESS 301
 CORRIDOR WILL BE RELOCATED UNDER CONTRACT 25-128-04.

MATCHLINE STA 737+00 SHEET UT-42



| ADDENDUMS / REVISIONS | |
|-----------------------|--|
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**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

| | |
|------------------------|---|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM CHECKED BY: PAH |

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| UTILITY RELOCATION PLAN |
| SHEET NO. 734 |
| TOTAL SHTS. 850 |

UT-44

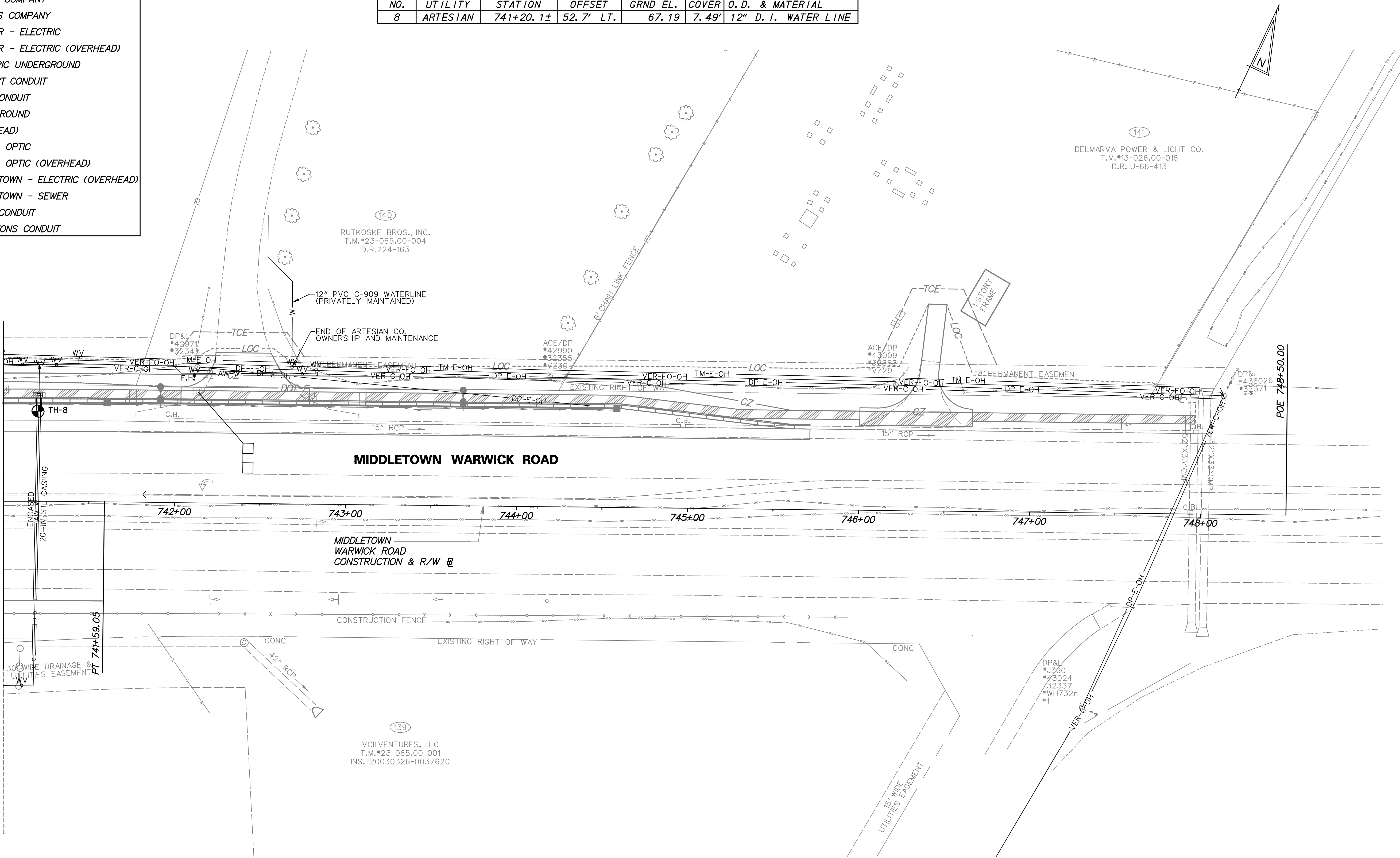
LEGEND

- AW-W— ARTESIAN WATER COMPANY
- CU-G— CHESAPEAKE GAS COMPANY
- DP-E— DELMARVA POWER - ELECTRIC
- DP-E-OH— DELMARVA POWER - ELECTRIC (OVERHEAD)
- DOT-E— DELDOT - ELECTRIC UNDERGROUND
- ITMS-CON— DELDOT MULTIDUCT CONDUIT
- SIG-CON— DELDOT SIGNAL CONDUIT
- VER-C— VERIZON UNDERGROUND
- VER-C-OH— VERIZON (OVERHEAD)
- VER-FO— VERIZON - FIBER OPTIC
- VER-FO-OH— VERIZON - FIBER OPTIC (OVERHEAD)
- TM-E-OH— TOWN OF MIDDLETOWN - ELECTRIC (OVERHEAD)
- TM-S— TOWN OF MIDDLETOWN - SEWER
- WIM-E— WIM ELECTRICAL CONDUIT
- WIM-COM— WIM COMMUNICATIONS CONDUIT

UTILITY TEST HOLE SCHEDULE

| NO. | UTILITY | STATION | OFFSET | GRND EL. | COVER | O. D. & MATERIAL |
|-----|----------|-----------|-----------|----------|-------|----------------------|
| 8 | ARTESIAN | 741+20.1± | 52.7' LT. | 67.19 | 7.49' | 12" D. I. WATER LINE |

MATCHLINE STA 741+00 SHEET 42

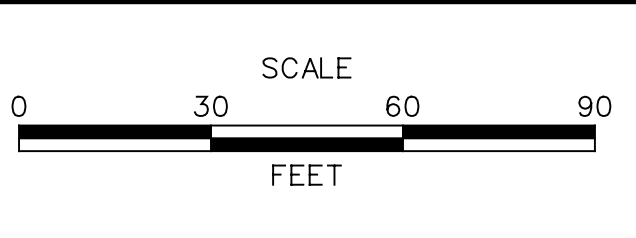


NOTE:
 ALL DRIVEWAYS, UTILITY FACILITIES AND FENCES LOCATED WITHIN THE EXISTING BUSINESS 301 CORRIDOR WILL BE RELOCATED UNDER CONTRACT 25-128-04.

UT-45



| ADDENDUMS / REVISIONS | |
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**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

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|------------------------|----------------------|
| CONTRACT T200811301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: MAG/TAM |
| | CHECKED BY: PAH |

UTILITY RELOCATION PLAN

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|--------------------|
| SHEET NO. 735 |
| TOTAL SHTS. 850 |