

THE STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION
TRANSPORTATION SOLUTIONS, BRIDGE MANAGEMENT
QUANTITY ESTIMATIONS AND SPECIFICATIONS FOR
Bridge Painting, New Castle County, FY20

CONTRACT NUMBER - T201807701

PRIMAVERA ID – 18-07701

FEDERAL AID NUMBER – EBHOS-2018(13)

COUNTY: New Castle

PLANS PREPARED BY: Jonathan T. Moore, E.I.T.
DeIDOT – CE III/ DESIGNER

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THIS SEAL APPLIES TO ALL SHEETS WITHIN THIS REPORT



DELDOT –CE IV/PROJECT MANAGER
TRANSPORTATION SOLUTIONS

8/22/19
DATE

APPROVED FOR ADVERTISEMENT



DIRECTOR OF TRANSPORTATION SOLUTIONS

8/29/19
DATE

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GENERAL NOTES

1. This project is to be constructed in accordance with Delaware Department of Transportation “Standard Specifications”, dated August 2016 and the Delaware Department of Transportation “Standard Construction Details”, dated 2017, including all revisions up to the date of advertisement.

2.

Erosion potential for this project	Site reviewer requirement
<input checked="" type="checkbox"/> Insignificant	None
<input type="checkbox"/> Minor	Contractor training program, as defined in Section 6.2 of the Delaware Sediment and Stormwater Regulations.
<input type="checkbox"/> Medium	Contractor training program, as defined in Section 6.2 of the Delaware Sediment and Stormwater Regulations.
<input type="checkbox"/> Major	Certified construction reviewer (CCR) as defined in Section 6.3 of the Delaware Sediment and Stormwater Regulations.

3. Electronic project files that will be made available to the contractor include: None.
4. Project files that will be made available to the contractor include: Archived Construction Plans for each bridge.
5. American Traffic Safety Association (ATSSA) Certified Traffic Control Supervisor Requirement for the project:

<input checked="" type="checkbox"/>	THE CONTRACTOR SHALL NOT BE REQUIRED TO HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT.
<input type="checkbox"/>	THE CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT. THE CONTRACTOR'S GENERAL SUPERINTENDENT FOR THIS PROJECT OR ANOTHER ATSSA CERTIFIED MEMBER OF THE CONTRACTOR'S PROJECT STAFF MAY BE THE ATSSA SUPERVISOR. PAYMENT FOR ATSSA SUPERVISOR IS INCIDENTAL TO ITEM 801500.

6. The disturbed area for this project is 0 acres. Added impervious area for this project is 0 acres.

PROJECT NOTES

1. The purpose of this contract is to clean and paint the items listed on this contract. **The perimeter of all faying surfaces shall be sealed with caulk as directed by section 616 or the manufacturer's recommendations. The caulk material to be used shall be compatible with the proposed paint system and submitted with the proposed paint system for approval. Payment incidental to Item # 616000 – Cleaning and Painting Existing Steel.**
2. Staging areas - Proper erosion and sediment control measures as determined by the Engineer shall be installed in the staging areas. All areas used by the contractor for staging operations shall be fully restored by the contractor upon completion of the project. If the staging area is paved, it shall be restored to its original condition. If the staging area is unpaved, it shall be re-graded, top soiled, seeded and mulched in accordance with Delaware Standard Specification 908, for topsoil, seed and mulch, to the satisfaction of the Engineer. The seed shall adhere to the specifications of Section 908 for Permanent Grass Seeding – Dry Ground. All costs associated with the restoration of the staging area shall be at the contractor's expense. If the Engineer determines that a satisfactory stand of grass does not exist at the time of final inspection, all costs associated with re-establishing a satisfactory stand of grass shall be at the contractor's expense. Staging and/or stockpiling shall not take place in wetland or archaeological sensitive upland areas.
3. Trash, rubbish, debris, or brush, which hampers contract operations (determined by the Engineer), shall be removed within the project limits and shall be incidental to Item no. 616000 – Cleaning and Painting Existing Steel. The Contractor, just prior to the start of the Contractor's cleaning operation, shall remove all non-traffic signs attached to the steel. The signs shall be reinstalled upon completion of the painting of the bridge as directed by the Engineer. Payment shall be incidental to the corresponding Item no. 616000.
4. For all bridges in this contract, any cleaning requiring pressure washing shall be incidental to Item no. 616000. The Contractor shall be responsible to check and monitor the structure during the paint removal process to ensure that damage is not occurring to any part of the structure.
5. During the cleaning operation, the Contractor shall report to the Engineer any defects in the steel. These defects include, but are not limited to, loss of section, cracking, buckling, loose bolts, and loose rivets.
6. All work shall be performed in a manner that will reasonably provide the least practicable obstruction to all road users, including vehicular, pedestrian, and bicycle traffic, and shall conform to the requirements of the most recent, at time of bid including all revisions, Delaware Manual on Uniform Traffic Control Devices, Part 6 herein referred to as the Traffic Control Manual.

The contractor shall be responsible for preparing traffic control plans for approval by DeIDOT Traffic Safety section if different from that of the plans provided by DeIDOT and as described in the Structure Specific Notes. All maintenance of traffic plans and traffic control devices required shall be included in the lump sum bid price for Item No. 801500 – Maintenance of Traffic – All Inclusive.

7. The contractor shall be responsible for ensuring that there is no overlap in detours. It is the expectation that the Contractor will have the roadways reopened in a timely manner. Contractor shall provide estimated time durations for each location which will be subject to approval by DeIDOT's Bridge Management and Traffic Safety Sections. Any extension of the time frame in which DeIDOT approves must be submitted for approval. Unapproved time extensions will result in the application of liquidated damages.

8. The contract will run for 400 calendar days during which there will be an approximately 3 month suspension for the winters of 2020 and 2021. There will be no contract time charged during this time suspension.
9. All traffic control devices shall be in new or refurbished condition, shall be in compliance with the Traffic Control Manual and with the NCHRP Report 350 and/or MASH as defined in Section 'A' of the Traffic Control Manual, and shall be approved by the Engineer before installation. Traffic control devices shall be maintained in good condition for duration of use.
10. Unless detoured, during non-construction hours, all construction equipment shall be removed from all shoulders and lanes. All equipment shall be stored in accordance with the Traffic Control Manual. All traffic control devices required for equipment storage shall be included in the lump sum bid price for Item No. 801500 – Maintenance of Traffic – All Inclusive.
11. Two Portable Changeable Message Signs shall be placed at each bridge location ten days prior to the start of construction to notify drivers of the lane/shoulder closure and impending construction activity. The message and location shall include the dates and times of the lane/shoulder closures and how long the closures will be necessary, message shall be approved by the Safety Officer. For locations that have parallel structures, a total of two Portable Changeable Message Signs shall be used for both bridges. Payment under Item no. 803001-Furnish and Maintain Portable Changeable Message Sign.
12. Lane closures shall only occur during the periods shown in the tables below. The contractor shall strictly adhere to these time restrictions for lane closures. Any lane closures outside of the allowable hours shall require approval from DelDOT's Traffic Safety Section.
13. The contractor shall contact the chief of scheduling for DART First State, 14 days prior to the start of construction. If there are any DART bus stops affected, road closures or detours needed, contractor shall contact John Calnan, Planner for DART First State at 302-576-6053, or David Dooley, Senior Planner at DART First State at 302-576-6064, 14 days prior to the start of construction. Bill Williamson, Passenger Facilities Coordinator for DART First State should be contacted if John or David cannot be reached. His telephone number is 302-576-6132.
14. All work shall be performed within the existing right-of-way.
15. No environmental permits are required for this work provided no jurisdictional wetlands or waters are impacted.
16. The Contractor may store the equipment needed for this project at a pre-approved area or in the nearest State of Delaware maintenance yard. The Contractor must remove equipment when the district deems it necessary. Areas in which the soil and vegetation have been damaged from equipment during this contract, shall be repaired with topsoil, seed and mulch in accordance with the requirements for Section 908 at the Contractor's own expense.
17. All downspouts shall be vacuum power tool cleaned or abrasive blast cleaned, and where necessary, galvanized downspouts shall be painted with a moisture cure aluminum paint system. If the downspouts are non-galvanized, then they shall be painted with the steel paint system used to paint the bridge as indicated in Item no. 616000. All galvanized utility or lighting conduits shall be brush painted with moisture cure aluminum paint after receiving an S.S.P.C. SP-7 (Brush off blast cleaning) finish. All non-galvanized utility or lighting conduits shall be brush painted with the steel paint system after receiving an S.S.P.C. SP-6 (Commercial blast cleaning) finish. All exposed steel armor angles and plates shall be brush painted with the steel paint system after receiving an S.S.P.C. SP-6 (Commercial blast cleaning) finish, care should be

taken not to damage the joint gland. All steel weep hole pipes that protrude from the abutments and wingwalls shall be cleaned and painted with the steel paint system (Payment under Item no. 616000).

If there are any dry standpipes, natural gas line conduits, or any plastic pipe conduits on the bridges, then they shall be left as is. Any natural gas lines found on Bridges shall be shielded during blasting operations. Payment for shielding shall be under Item no. 616000.

18. All bearings for these bridges shall be abrasive blast cleaned to an S.S.P.C. SP-10 finish. Care shall be taken when cleaning "frozen" bearings, because the abrasive blasting operation sometimes causes the bearings to "unfreeze". All pitted areas of the structural steel shall be brush painted along with spraying when applying every coat of paint of the paint system. Cleaning of bearing areas shall be included under Item no. 616000. After all the bearings have been painted, after the paint has cured, and after all concrete has been sealed, the contractor shall coat all the bearings with a NLGI grade 2 grease either Mobil Centaur Moly grease, Shell Rhodina SDX 2 grease, or an approved equal. Bearings shall be coated from the interface between the masonry and the masonry plate to the top of the sole plate or bottom of the beam. Grease shall be black or clear in color and painted with the topcoat color. Payment shall be incidental to Item no. 616000.
19. Hazardous waste shall be removed immediately from the jobsite and disposed of at a licensed hazardous waste disposal facility. ~~The waste shall be removed from the jobsite by a licensed hazardous waste hauling Contractor with the required permits and approvals by DNREC.~~ All copies of hazardous waste manifests and tickets shall be submitted to the Department as per Item no. 616003-Testing and Disposal of Existing Hazardous Steel Coating.
20. In regards to the air monitoring requirement in Item no. 616003-Testing and Disposal of Existing Hazardous Steel Coating; paint removal shall include all blasting and clean-up activities.
21. All concrete surfaces as directed in the Structure Specific Notes shall be prepared and sealed as indicated in Item no. 613000-Epoxy Concrete Sealer or 613001-Silicone-Based Acrylic Concrete Sealer. All sealer boundaries will be a straight horizontal or vertical line unless directed otherwise by the Engineer or Structure Specific Notes.
22. A minimum under clearance of 14'6" must be maintained at all times for bridges that cross over another roadway. DeIDOT's Oversize, Overweight Permitting Section must be notified what the under clearance will be once the containment system is installed on the bridge at least 10 days prior to its installation. The locations are specified in the Structure Specific notes. The Permit Section may be reached at 302-744-2700 or haulpermit@delaware.gov.
23. As a result of the current project coordination, the portion of this project relating to BR 1-028P, 1-326, 1-326P, 1-341, 1-505, 1-509, 1-649, 1-649A, 1-702, 1-739, & 1-797 is consistent with Stipulation II of DeIDOT's Programmatic Agreement with the DE State Historic Preservation Office (DE SHPO), Federal Highway Administration (FHWA) and Advisory Council on Historic Preservation (ACHP). There are no cultural resource concerns as long as the project scope is not modified and all staging and stockpiling remain within the existing roadway footprint. Should it be necessary to add additional access locations, other stockpiling/staging areas, or otherwise alter the scope of the project, DeIDOT Environmental Studies staff will need to review these changes for potential cultural resources concerns.
24. The portion of the project relating to BR 1-112, 1-118, and 1-216 is consistent with Stipulation III.B.2.a.i of the same Programmatic Agreement. Bridge 1-118 is listed on and bridges 1-112 and 1-216 are eligible for the National Register of Historic Places. Should any unforeseen damage occur, DeIDOT Cultural Resources should be contacted immediately and all repairs should be done according to the Secretary of the

Interior's Standards for the Treatment of Historic Properties.

25. Bridges under this contract (with the exception of BR 1-216) have not been surveyed for the presence of migratory birds. All bridges should be surveyed before construction activities take place. If a survey detects active nests, impacts should be avoided by performing construction activities outside the breeding season, from August 1 to April 15. If construction cannot be performed in this time period, a deterrent such as mesh netting should be used to block access to nesting sites on the underside of the bridge. The material would need to be in place no later than April 15, the underside of the bridge fully encapsulated, and the material should be left in place until construction begins.

26. DNREC-SCRIP previously completed a survey for BR 1-216 and observed one or more pairs of barn swallow and/or Eastern phoebe nesting under the bridge. Impacts should be avoided by performing construction activities outside the breeding season, from August 1 to April 15. If construction cannot be performed in this time period, a deterrent such as mesh netting should be used to block access to nesting sites on the underside of the bridge. The material would need to be in place no later than April 15, the underside of the bridge fully encapsulated, and the material should be left in place until construction begins.

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STRUCTURE SPECIFIC NOTES**1-028P**

1. Bridge 1-028P is a pedestrian bridge over Rt. 13 (DuPont Highway).
2. The structural steel paint color shall be cyan-blue (#25183) as per federal standard 595C. The color shall be submitted for approval.
3. The structural steel on the stairwells at the east and west ends of the bridge shall be painted cyan-blue (#25183) under Item no. 616000-Cleaning and Painting Existing Steel.
4. All sidewalk cover plates and joint armor angles above joint material shall be painted cyan-blue (#25183) under Item no. 616000-Cleaning and Painting Existing Steel.
5. Remove and dispose of existing hazardous steel coating in accordance with Item no. 616003-Testing and Disposal of Existing Hazardous Steel Coating.
6. There is no viable pedestrian detour for this bridge. When painting the steel on the stairs and bridge itself, the contractor will be responsible for setting up a containment system that only covers half of the stairway and bridge at a time. A 4 foot path must be maintained at all times. The stairway must be cleaned and painted using hand tools.
7. There are traffic signals mounted to the bridges beams over southbound Rt. 13. These traffic signals cannot be impacted and must stay fully visible and operational at all times. The containment system may not block the signal in any way. The area around the signals will need to be cleaned and painted using hand tools.
8. Lane closures on Rt. 13 shall be permitted using Typical Application 33 and Typical Application 37 of the Traffic Control Manual as directed by the Engineer.
9. Lane closures of Rt. 13 shall be permitted using Typical Application 3A, Typical Application 33 and Typical Application 37 of the Traffic Control Manual as directed by the Engineer during the times of 8 p.m. and 5 a.m. The first lane may be taken after 8 p.m. and the second lane may be taken at 10 p.m. All lanes must reopen by 5 a.m. Follow the specifications for holidays and the Firefly Festival.

1-112

1. Bridge 1-112 carries Yorklyn Road over Red Clay Creek.
2. The structural steel paint color shall be forest-green (#24172) as per federal standard 595C. The color shall be submitted for approval.
3. For all gusset plates, steel-to-steel connections, and crevices where pack rust could form, place a paintable caulk in accordance with Section 616 of DelDOT's Standard Specifications.
4. Abutment seats and bearing pedestals, abutment breast walls and abutment back walls, shall be prepared and sealed with Epoxy Concrete Sealer, Item no. 613000.
5. The Epoxy Concrete Sealer color shall be white (#37722) as per federal standard 595C. The color shall be submitted for approval.
6. All faces of the concrete railing at all four corners of the bridge shall be prepped and sealed with Silicone-Based Acrylic Concrete Sealer, Item no. 613001.

7. Silicone-Based Acrylic Concrete Sealer color shall be white (#37722) as per federal standard 595C. The color shall be submitted for approval.
8. This bridge should be painted between the dates of November 1st to April 1st in order to minimize the impact to Auburn Valley State Park.
9. Full closure of Yorklyn Road shall be permitted using the signed detour plan provided by DelDOT's Traffic Safety Section.

1-118

1. Bridge 1-118 carries Barley Mill Road over Red Clay Creek.
2. The structural steel paint color shall be forest green (#24172) as per federal standard 595C. The color shall be submitted for approval.
3. For all gusset plates, steel-to-steel connections, and crevices where pack rust could form, place a paintable caulk in accordance with Section 616 of DelDOT's Standard Specifications.
4. The Epoxy Concrete Sealer color shall be white (#37722) as per federal standard 595C. The color shall be submitted for approval.
5. Full closure of Barley Mill Road shall be permitted using the signed detour plan provided by DelDOT's Traffic Safety Section.

1-216

1. Bridge 1-216 carries Chambers Rock Road over White Clay Creek.
2. The structural steel paint color shall be forest green (#24172) as per federal standard 595C. The color shall be submitted for approval.
3. For all gusset plates, steel-to-steel connections, and crevices where pack rust could form, place a paintable caulk in accordance with Section 616 of DelDOT's Standard Specifications.
4. Abutment seats and bearing pedestals, 6" down abutment breast walls, and 6" up abutment back walls shall be prepared and sealed with Epoxy Concrete Sealer, Item no. 613000.
5. The Epoxy Concrete Sealer color shall be white (#37722) as per federal standard 595C. The color shall be submitted for approval.
6. Full closures of Chambers Rock Road shall be permitted using the signed detour plan provided by DelDOT's Traffic Safety Section.

1-326 & 1-326P

1. Bridge 1-326 carries West Chestnut Hill Road over Christina Creek. 1-326P is the steel truss pedestrian bridge spanning the creek adjacent to 1-326.
2. The structural steel paint color for 1-326 & 1-326P shall be cyan-blue (#25183) as per federal standard 595C. The color shall be submitted for approval.
3. For the pedestrian bridge 1-326P, all gusset plates, steel-to-steel connections, and crevices where pack rust could form, place a paintable caulk in accordance with Section 616 of DelDOT's Standard Specifications.
4. The inside face, top face, ends, and curb portions of both parapets shall be prepared and sealed with Silicone-Based Acrylic Concrete Sealer, Item no. 613001.
5. The Silicone-Based Acrylic Concrete Sealer color shall be white (#37722) as per federal standard 595C. The color shall be submitted for approval.
6. Painting of these bridges must be done when University of Delaware and public school is not in session.
7. Sidewalk closures on West Chestnut Hill Road shall be permitted using Typical Application 28 of the Traffic Control Manual as directed by the Engineer. When bridge 1-326P is closed to pedestrian traffic, shift pedestrians onto a 5 foot path on bridge 1-326. Note that a 5 foot path for pedestrians must be maintained at all times.
8. Full closures of West Chestnut Hill Road shall be permitted using the signed detour plan provided by DelDOT's Traffic Safety Section.

1-341

1. Bridge 1-341 carries SR 896 to I 95 southbound over Christina Creek.
2. The structural steel paint color shall be cyan- blue (#25183) as per federal standard 595C. The color shall be submitted for approval.
3. All joint armor angles above joint material shall be painted cyan-blue (#25183) under Item no. 616000-Cleaning and Painting Existing Steel.
4. Remove and dispose of existing hazardous steel coating in accordance with Item no. 616003-Testing and Disposal of Existing Hazardous Steel Coating.
5. Full closure of ramp from SR 896 to I 95 southbound shall be permitted using the signed detour plan provided by DelDOT's Traffic Safety Section.

1-505

1. Bridge 1-505 carries Highland Avenue over SR 141.
2. Note that the existing ITMS pathway is present within the bridge utility hanger.
3. The structural steel paint color shall be cyan-blue (#25183) as per federal standard 595C. The color shall be submitted for approval.

4. Abutment seats and bearing pedestals, approximately 3.5' down abutment breast walls (smooth portion only, not the textured wall portion), abutment back walls, Pier cap tops and bearing pedestals, and approximately 4' down sides (smooth portion only, not the textured wall portion) shall be prepared and sealed with Epoxy Concrete Sealer, Item no. 613000.
5. The Epoxy Concrete Sealer color shall be white (#37722) as per federal standard 595C. The color shall be submitted for approval.
6. All joint armor angles above joint material shall be painted cyan-blue (#25183) under Item no. 616000-Cleaning and Painting Existing Steel.
7. Sidewalk closures on Highland Avenue shall be permitted using Typical Application 28 of the Traffic Control Manual as directed by the Engineer.
8. Full closures of Highland Avenue shall be permitted using the signed detour plan provided by DelDOT's Traffic Safety Section.
9. Full closures of SR 141 northbound on-ramp shall be permitted using the signed detour plan provided by DelDOT's Traffic Safety Section.
10. Full closures of SR 141 northbound off-ramp shall be permitted using the signed detour plan provided by DelDOT's Traffic Safety Section.

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1-509

1. Bridge 1-509 carries Burnside Boulevard over SR 141.
2. Note that the existing ITMS pathway is present within the bridge utility hanger.
3. The structural steel paint color shall be cyan-blue (#25183) as per federal standard 595C. The color shall be submitted for approval.
4. Abutment seats and bearing pedestals, abutment breast walls, abutment back walls, Pier cap tops and bearing pedestals, and approximately 4' down sides (smooth portion only, not the textured wall portion) shall be prepared and sealed with Epoxy Concrete Sealer, Item no. 613000.
5. The Epoxy Concrete Sealer color shall be white (#37722) as per federal standard 595C. The color shall be submitted for approval.
6. All joint armor angles above joint material shall be painted cyan-blue (#25183) under Item no. 616000-Cleaning and Painting Existing Steel.
7. Sidewalk closures of Burnside Boulevard shall be permitted using Typical Application 28 of the Traffic Control Manual as directed by the Engineer.
8. Full closure of Burnside Boulevard shall be permitted using the signed detour plan provided by DelDOT's Traffic Safety Section.
9. Full closures of the on-ramp to SR 141 shall be permitted using the signed detour plan provided by DelDOT's Traffic Safety Section.
10. Lane closures of the SR 141 off-ramp to James Street shall be permitted using Typical Application 44 of the Traffic Control Manual as directed by the Engineer.

1-649

1. Bridge 1-649 carries South College Avenue northbound over Christina Creek.
2. The structural steel paint color shall be cyan-blue (#25183) as per federal standard 595C. The color shall be submitted for approval.
3. All joint armor angles above joint material shall be painted cyan-blue (#25183) under Item no. 616000-Cleaning and Painting Existing Steel.
4. Remove and dispose of existing hazardous steel coating in accordance with Item no. 616003-Testing and Disposal of Existing Hazardous Steel Coating.
5. Lane and shoulder closures of South College Avenue northbound shall be permitted using Typical Application 33 of the Traffic Control Manual as directed by the Engineer. Due to the proximity of this location to the ramp from I 95 southbound to SR 896 northbound, this Typical Application may need to be modified. Contractor will be responsible for submitting the modifications to DeIDOT's Traffic Safety Section for approval prior to the start of any work.
6. Depending on the location of the containment system and other necessary equipment, the contractor will be responsible for submitting a designed staging plan that illustrates barrier protection. Plan must be submitted to and approved by DeIDOT's Traffic Safety Section prior to the start of any work.

1-649A

1. Bridge 1-649A carries South College Avenue southbound over Christina Creek.
2. The structural steel paint color shall be cyan-blue (#25183) as per federal standard 595C. The color shall be submitted for approval.
3. All joint armor angles above joint material shall be painted cyan-blue (#25183) under Item no. 616000-Cleaning and Painting Existing Steel.
4. Remove and dispose of existing hazardous steel coating in accordance with Item no. 616003-Testing and Disposal of Existing Hazardous Steel Coating.
5. Full closure of the ramp from northbound SR 896 to northbound I 95 shall be permitted using the signed detour plan provided by DeIDOT's Traffic Safety Section. There is a grassy median southwest of Bridge 1-649A that may be used to store the containment system and any necessary equipment.

1-702

1. Bridge 1-702 carries Welsh Tract Road over I 95 JFK Memorial Highway.
2. The structural steel paint color shall be cyan-blue (#25183) as per federal standard 595C. The color shall be submitted for approval.
3. Remove and dispose of existing hazardous steel coating in accordance with Item no. 616003-Testing and Disposal of Existing Hazardous Steel Coating.
4. All joint armor angles above joint material shall be painted cyan-blue (#25183) under Item no. 616000-Cleaning and Painting Existing Steel.

5. Abutment seats and bearing pedestals, 6" down the abutment breast walls, 6" up the abutment back walls, Pier cap tops and bearing pedestals, and approximately 6" down the pier cap on all sides shall be prepared and sealed with Epoxy Concrete Sealer, Item no. 613000.
6. The Epoxy Concrete Sealer color shall be white (#37722) as per federal standard 595C. The color shall be submitted for approval.
7. The remainder of the abutment breastwall, abutment backwall, pier faces and underside of pier, columns and all faces of the concrete railing shall be prepared and sealed with a Silicone-Based Acrylic Concrete Sealer, Item no. 613001.
9. The Silicone-Based Acrylic Concrete Sealer color shall be white (#37722) as per federal standard 595C. The color shall be submitted for approval.
10. A minimum under clearance below Bridge 1-702 of 14'6" shall be maintained at all times. DelDOT's Oversize, Overweight Permitting Section shall be notified what the under clearance will be once the containment system is installed to the bridge at least 10 days prior to its installation.
11. Sidewalk closures of Welsh Tract Road shall be permitted using Typical Application 28 of the Traffic Control Manual as directed by the Engineer.
12. Full closure of Welsh Tract Road shall be permitted using the signed detour plan provided by DelDOT's Traffic Safety Section.
13. Lane closures of I 95 shall be permitted using the approved maintenance of traffic plan attached to this proposal as well as the use of Typical Application 37. Closures will be allowed from 8 p.m. and 5 a.m. The first lane may be taken after 8 p.m. and the second lane may be taken at 10 p.m. All lanes must reopen by 5 a.m.

1-739

1. Bridge 1-739 carries I 95 northbound over I 295 southbound.
2. Note that the existing ITMS pathway is present within the outside median barrier.
3. The structural steel paint color shall be cyan-blue (#25183) as per federal standard 595C. The color shall be submitted for approval.
4. All joint armor angles above joint material shall be painted cyan-blue (#25183) under Item no. 616000-Cleaning and Painting Existing Steel.
5. A minimum under clearance below Bridge 1-739 of 14'6" shall be maintained at all times. DelDOT's Oversize, Overweight Permitting Section shall be notified what the under clearance will be once the containment system is installed to the bridge at least 10 days prior to its installation.
6. Lane and shoulder closures of I 95 northbound shall be permitted using Typical Application 33 and Typical Application 37 of the Traffic Control Manual as directed by the Engineer during the times of 8 p.m. and 5 a.m. The first lane may be taken after 8 p.m. and the second lane may be taken at 10 p.m. All lanes must reopen by 5 a.m.
7. Lane and shoulder closures of I 295 southbound shall be permitted using Typical Application 5 and Typical Application 33 of the Traffic Control Manual as directed by the Engineer during the times of 8 p.m. and 5 a.m. Shoulder must reopen by 5 a.m.

1-797

1. Bridge 1-797 carries Ramp 6202 over I 495 northbound.
2. The structural steel paint color shall be cyan-blue (#25183) as per federal standard 595C. The color shall be submitted for approval.
3. All joint armor angles above joint material shall be painted cyan-blue (#25183) under Item no. 616000-Cleaning and Painting Existing Steel.
4. Remove and dispose of existing hazardous steel coating in accordance with Item no. 616003-Testing and Disposal of Existing Hazardous Steel Coating.
5. A minimum under clearance below Bridge 1-797 of 14'6" shall be maintained at all times. DeIDOT's Oversize, Overweight Permitting Section shall be notified what the under clearance will be once the containment system is installed to the bridge at least 10 days prior to its installation.
6. Full closures of Ramp 6202 shall be permitted using the signed detour plan provided by DeIDOT's Traffic Safety Section.
7. Shoulder closures of I 495 northbound shall be permitted using Typical Application 5 of the Traffic Control Manual as directed by the Engineer during the times of 9 p.m. and 6 a.m. Shoulder must reopen by 6 a.m.
8. Lane closures of I 495 northbound shall be permitted using Typical Application 33 of the Traffic Control Manual as directed by the Engineer during the times of 9 p.m. to 6 a.m.

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ALLOWABLE LANE CLOSURE MATRIX FOR BRIDGE 1-739 (I 95 Northbound) (TA-33 & TA-37)							
HOUR	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
12:00 AM							
1:00 AM							
2:00 AM							
3:00 AM							
4:00 AM							
5:00 AM							
6:00 AM							
7:00 AM							
8:00 AM							
9:00 AM							
10:00 AM							
11:00 AM							
12:00 PM							
1:00 PM							
2:00 PM							
3:00 PM							
4:00 PM							
5:00 PM							
6:00 PM							
7:00 PM							
8:00 PM							
9:00 PM							
10:00 PM							
11:00 PM							
	LANE CLOSURES NOT PERMITTED						
	LANE CLOSURES PERMITTED						

ALLOWABLE LANE CLOSURE MATRIX FOR BRIDGE 1-739 (I 295 Shoulders) (TA-5)							
HOUR	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
12:00 AM							
1:00 AM							
2:00 AM							
3:00 AM							
4:00 AM							
5:00 AM							
6:00 AM							
7:00 AM							
8:00 AM							
9:00 AM							
10:00 AM							
11:00 AM							
12:00 PM							
1:00 PM							
2:00 PM							
3:00 PM							
4:00 PM							
5:00 PM							
6:00 PM							
7:00 PM							
8:00 PM							
9:00 PM							
10:00 PM							
11:00 PM							
	LANE CLOSURES NOT PERMITTED						
	LANE CLOSURES PERMITTED						

ALLOWABLE LANE CLOSURE MATRIX FOR BRIDGE 1-797 (1 495 NB Shoulders) (TA-5)							
HOURL	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
12:00 AM							
1:00 AM							
2:00 AM							
3:00 AM							
4:00 AM							
5:00 AM							
6:00 AM							
7:00 AM							
8:00 AM							
9:00 AM							
10:00 AM							
11:00 AM							
12:00 PM							
1:00 PM							
2:00 PM							
3:00 PM							
4:00 PM							
5:00 PM							
6:00 PM							
7:00 PM							
8:00 PM							
9:00 PM							
10:00 PM							
11:00 PM							
		LANE CLOSURES NOT PERMITTED					
		LANE CLOSURES PERMITTED					

ALLOWABLE LANE CLOSURE MATRIX FOR BRIDGE 1-797 (1 495 NB Lanes) (TA-33)							
HOURL	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
12:00 AM							
1:00 AM							
2:00 AM							
3:00 AM							
4:00 AM							
5:00 AM							
6:00 AM							
7:00 AM							
8:00 AM							
9:00 AM							
10:00 AM							
11:00 AM							
12:00 PM							
1:00 PM							
2:00 PM							
3:00 PM							
4:00 PM							
5:00 PM							
6:00 PM							
7:00 PM							
8:00 PM							
9:00 PM							
10:00 PM							
11:00 PM							
		LANE CLOSURES NOT PERMITTED					
		LANE CLOSURES PERMITTED					

QUANTITY SHEET

Bridge No.	Area of Steel (ft²)	Area of Concrete (ft²)
1-028P	5565	0
1-112	3000	762
1-118	1636	0
1-216	2100	168
1-326 & 1-326P	4218	564
1-341	4094	0
1-505	14262	2211
1-509	8412	1337
1-649	8098	0
1-649A	6755	0
1-702	22054	8034
1-739	21097	0
1-797	7591	0
TOTAL	108882	13076

Areas given are estimates only; the contractor shall verify all quantities before submitting bids.

UNOFFICIAL
WEBSITE
COPY

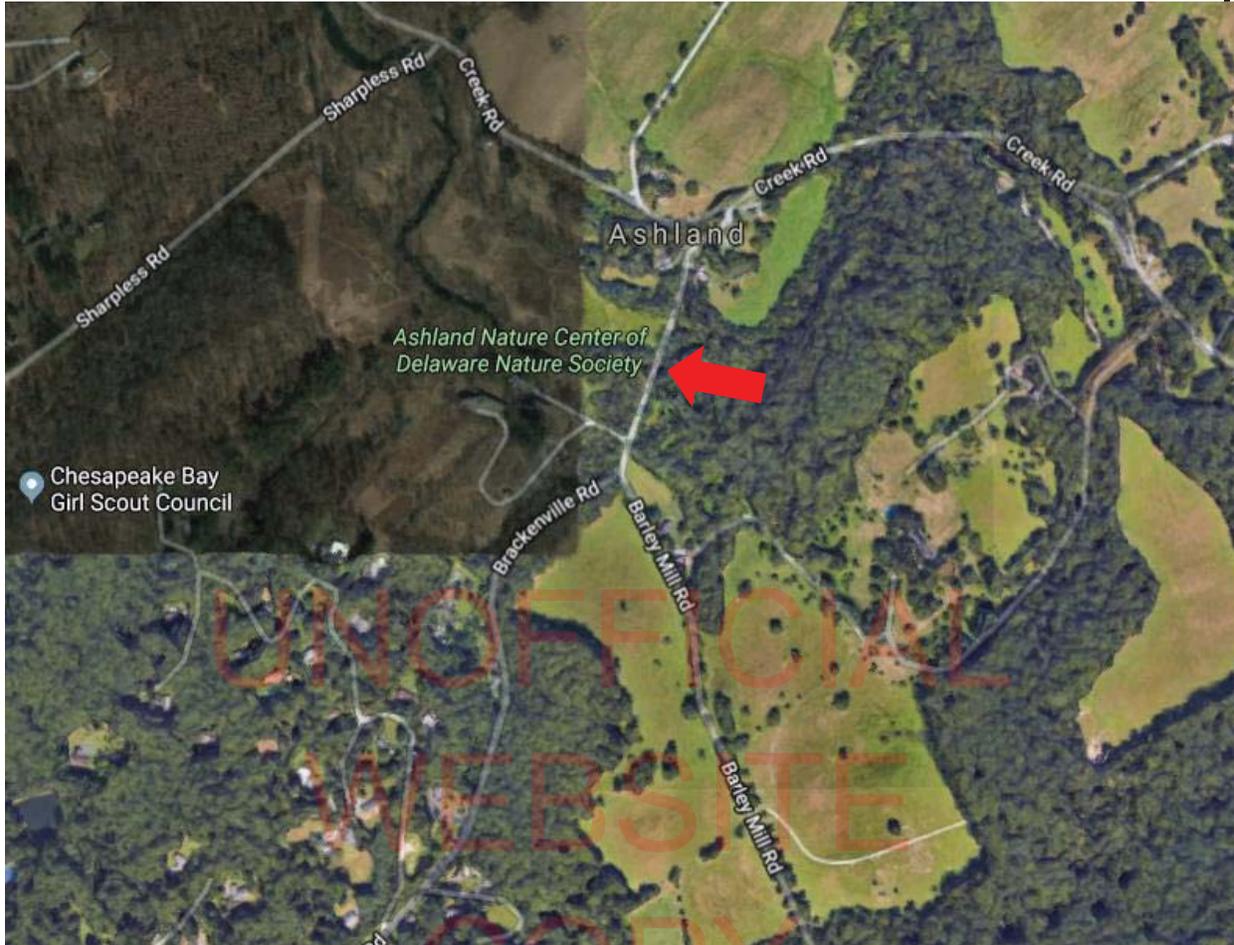
LOCATION MAPS



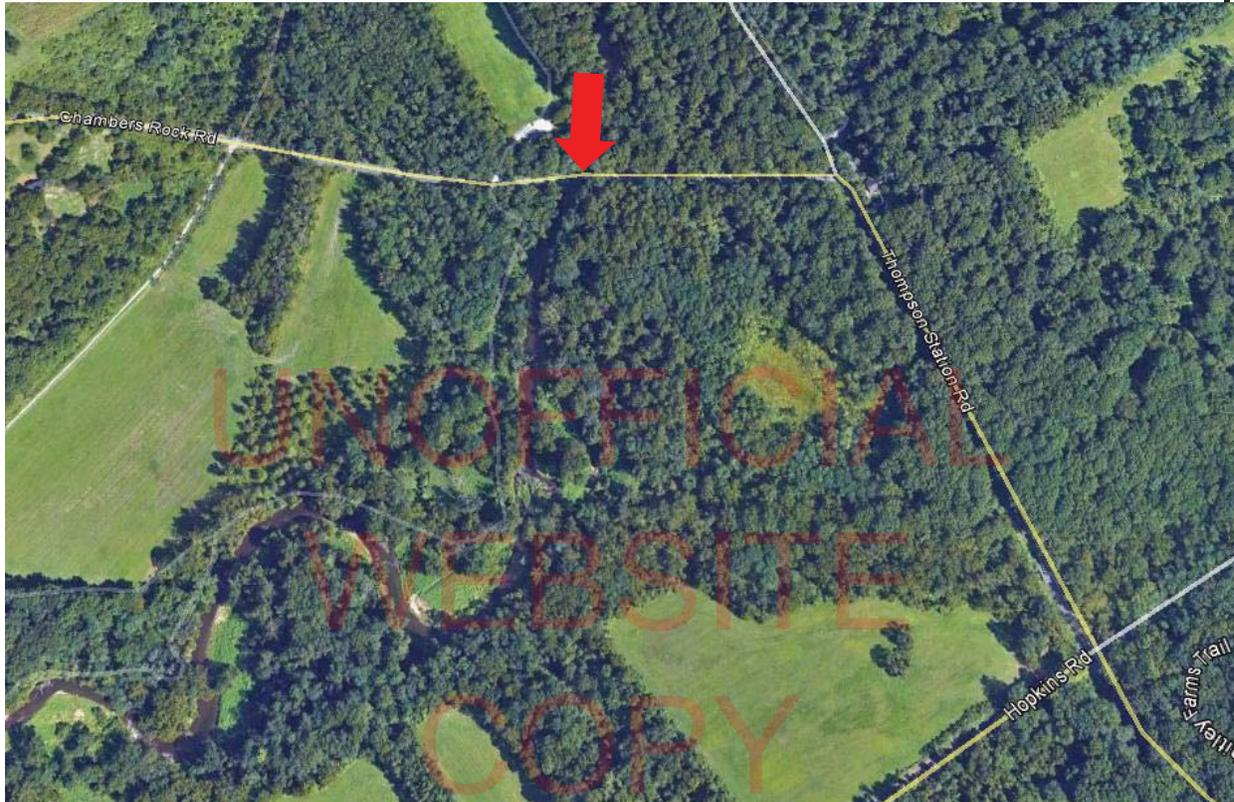
Bridge 1-028P



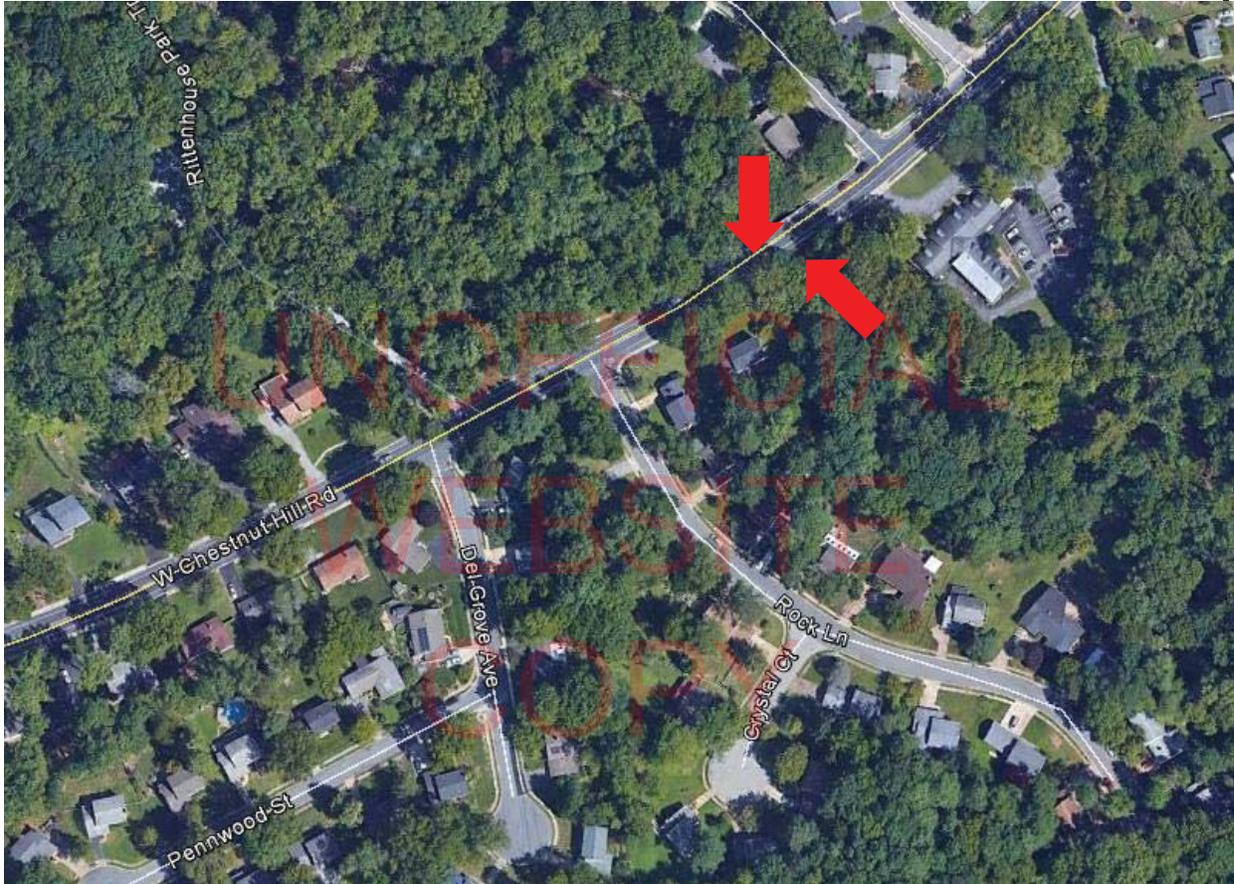
Bridge 1-112



Bridge 1-118



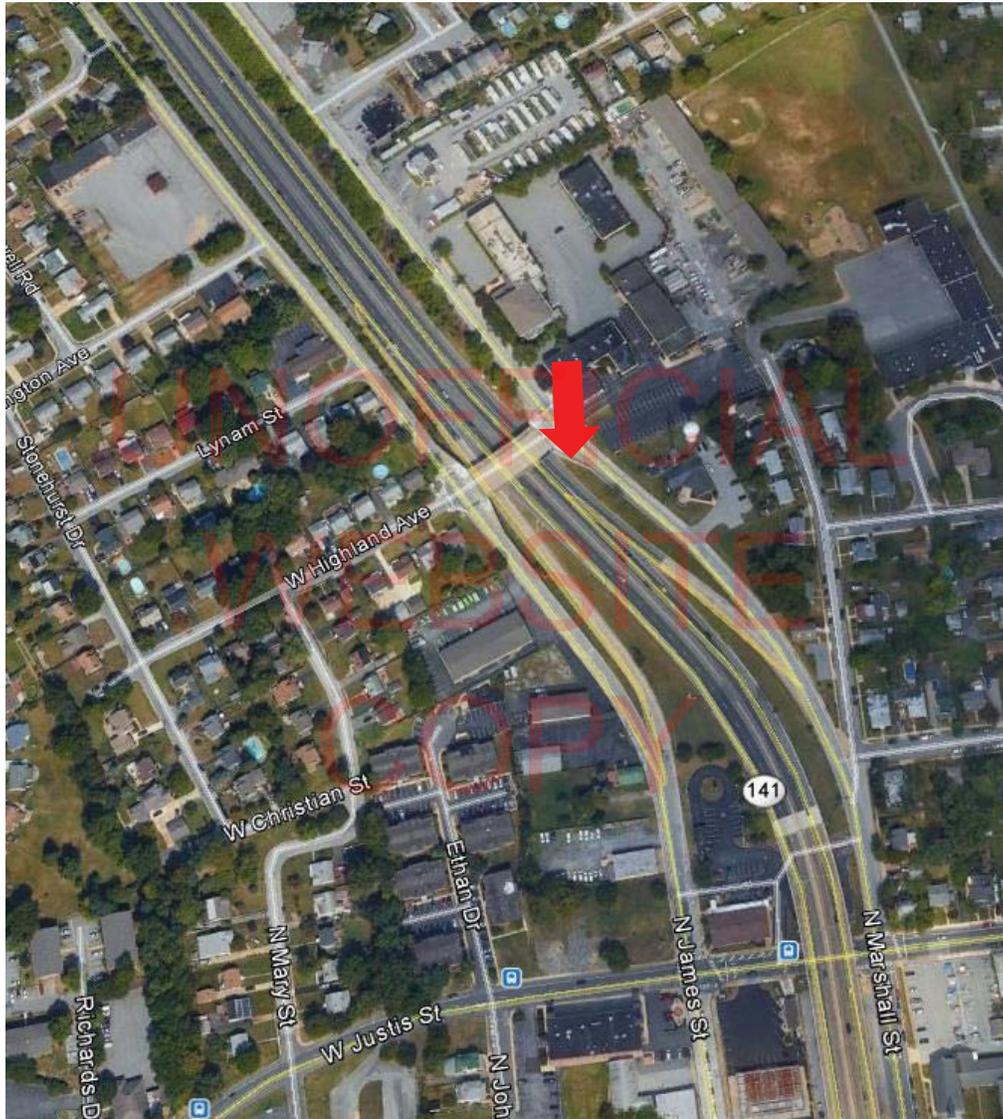
Bridge 1-216



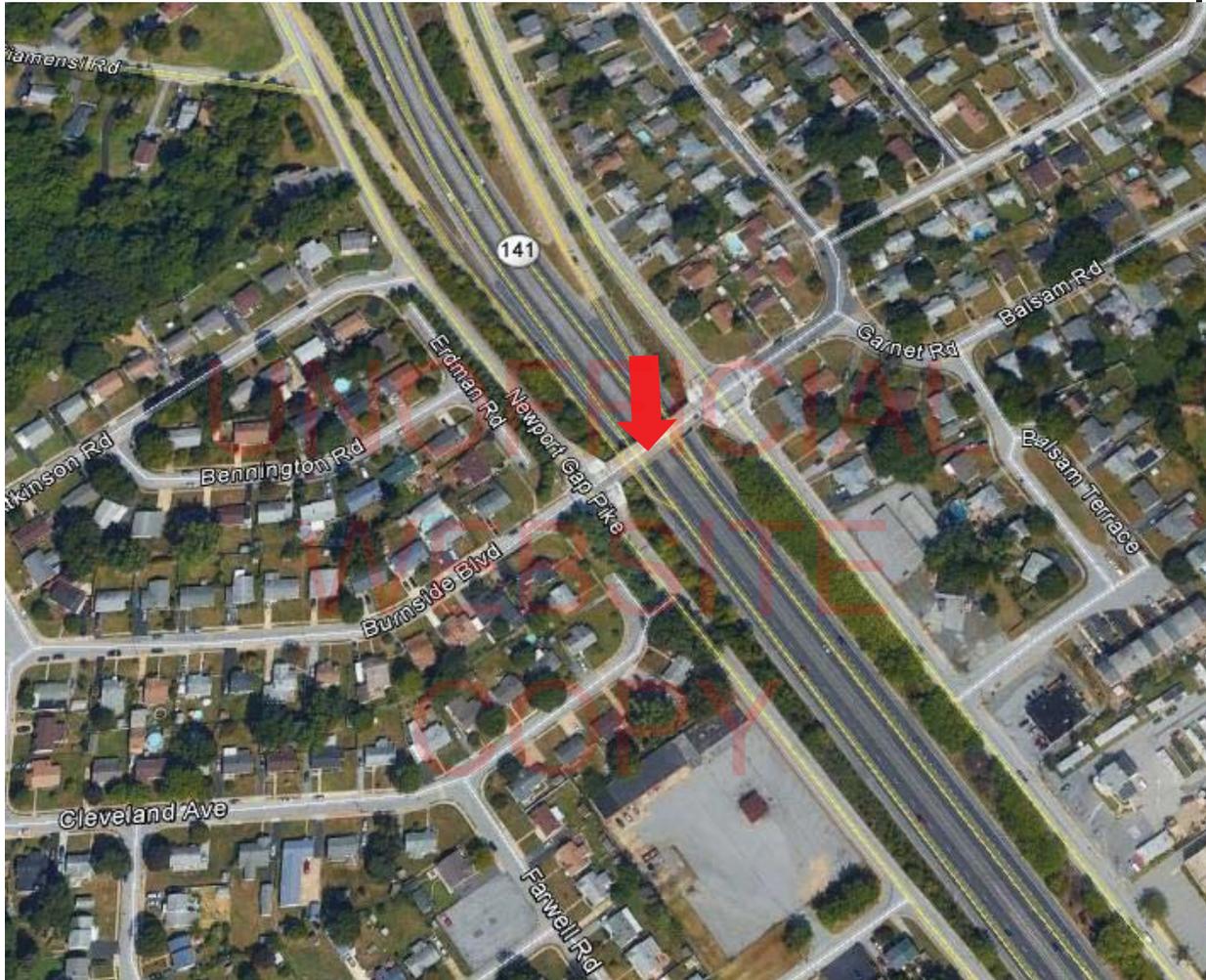
Bridge 1-326 & 1-326P



Bridge 1-341



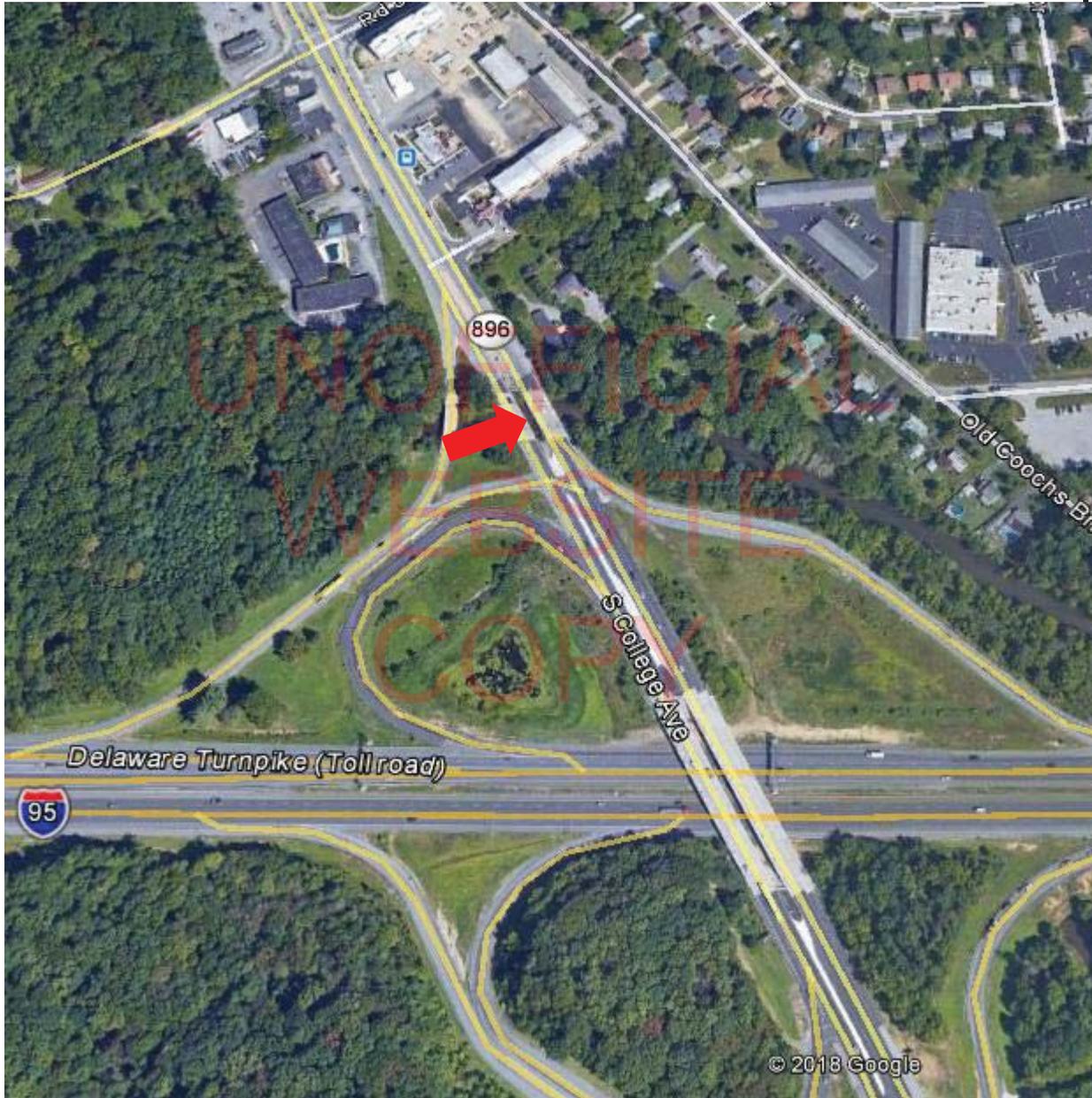
Bridge 1-505



Bridge 1-509



Bridge 1-649



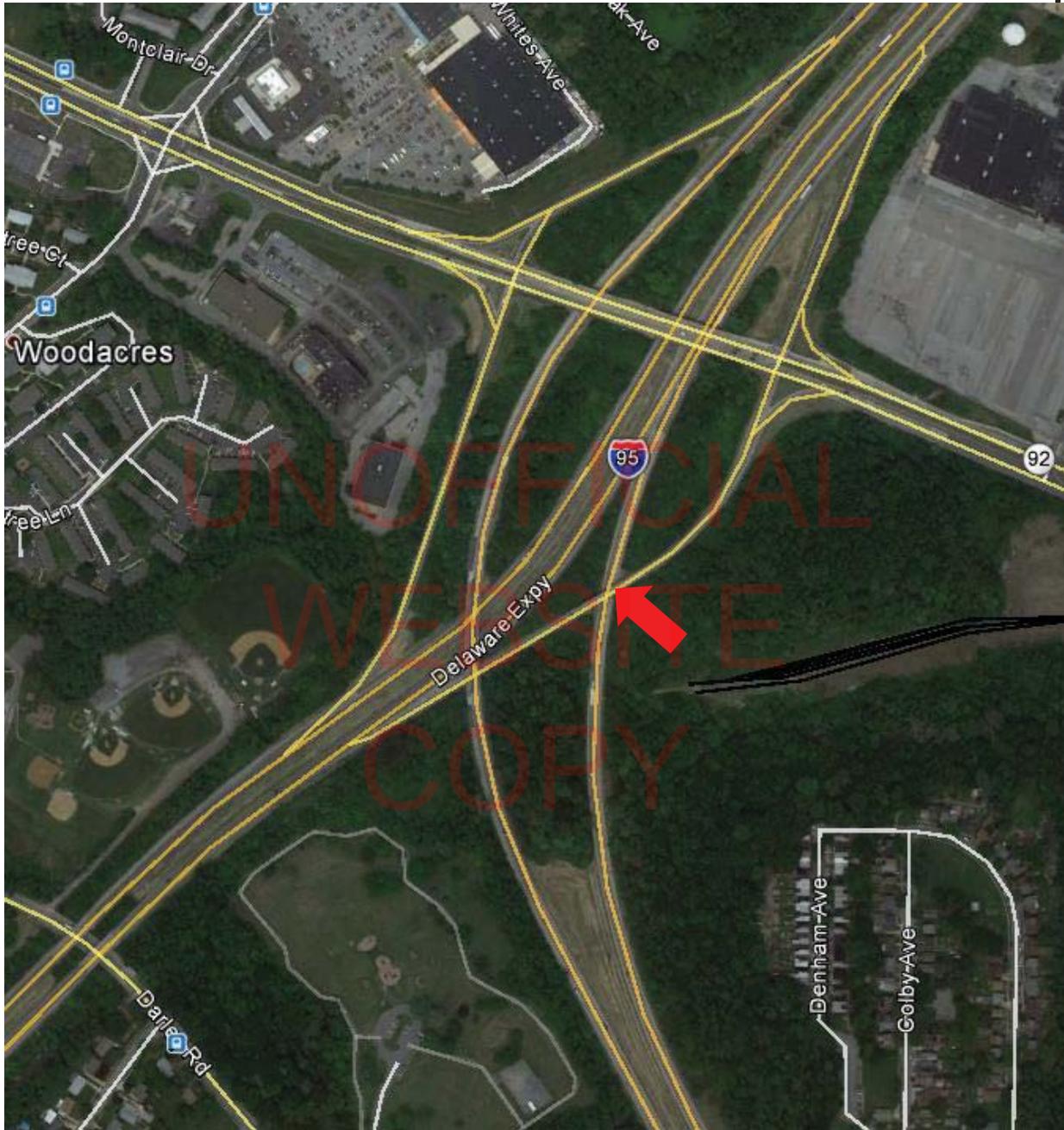
Bridge 1-649A



Bridge 1-702

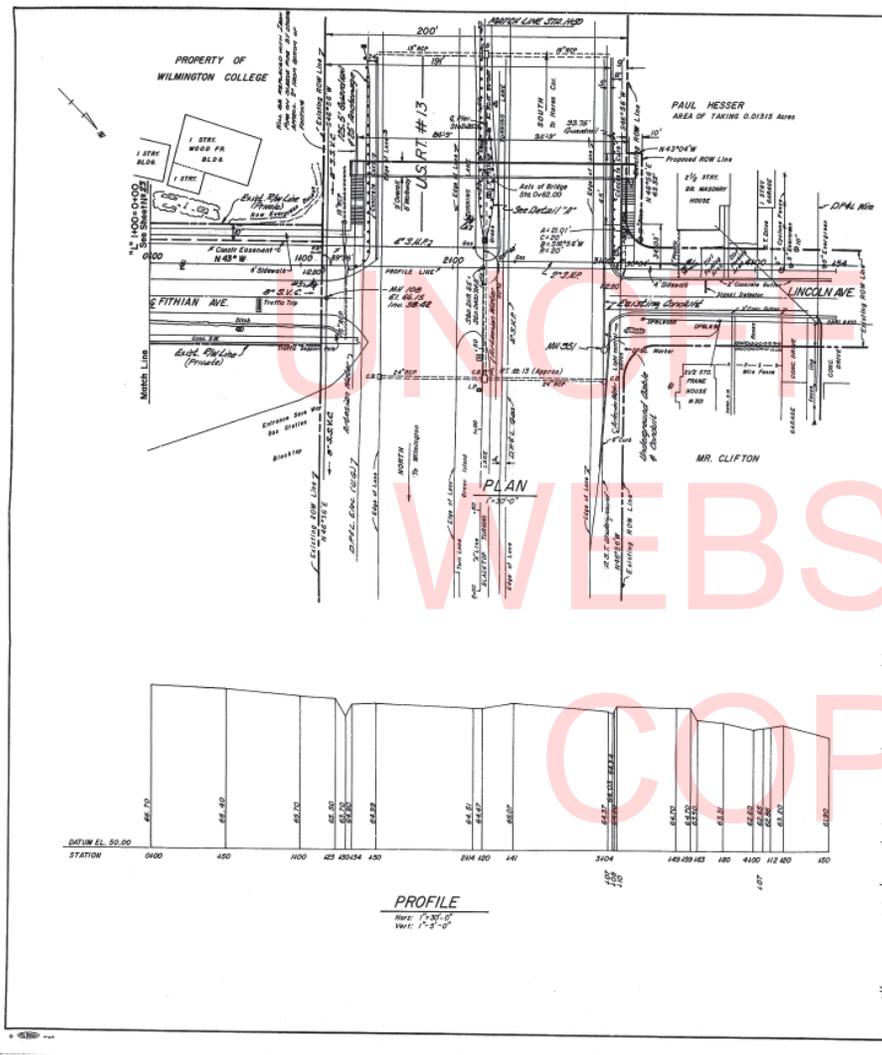


Bridge 1-739



Bridge 1-797

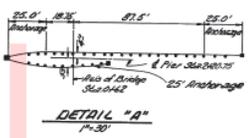
RIGHT OF WAY PLANS



BENCH MARK No. 1: Chained "X" to N.W. Cor. of Hesseford, 26.5' L.S. Sta. 1+30, El. 65.71

See Sheet No. 6 for General Plans & Elevation.
See Sheet No. 5 and No. 25 for Concrete Bridges.
See Sheet No. 4 and No. 24 for Details.

COUNTY		CONTRACT	SHEET	NO. OF SHEETS
N. C.		70-12-008	2	DEL.
BRIDGE NO. 27 AT LINCOLN AVE., & BRIDGE NO. 28 AT HARRISON AVE. OVER U.S. RT. NO. 13.				
PEDESTRIAN BRIDGES				
REVISIONS				
NO.	DESCRIPTION	BY	DATE	
1	See Elevation 24' R.C.P.	TCB	11-8-58	



GENERAL

SPECIFICATIONS: Design Criteria are based on 1969 Standard Specifications for Highway Bridges, American Association of State Highway Officials, including Interim Specifications of 1970 and Design Criteria for Pedestrian Bridges, A.S.T.M. Materials and Workmanship are in conformity with the State of Delaware, State Highway Department Standard Specifications dated June 1, 1970, unless otherwise noted and/or specified in Special Provisions. All welding shall conform to the current specifications for Welding Highway and Railway Bridges by the American Welding Society.

LIVE LOADS: 1969 D.S.H.D. Section 1.2.1 (1) and (2).

FOUNDATION DATA: Foundation design and foundation quantities are based on a study of the borings made at the site. This being information, the accuracy of which the State does not guarantee, is presented with these plans to the contractor for his information only. The contractor must make his own observations of actual conditions, which may affect his method or cost of construction.

PORTLAND CEMENT CONCRETE MASONRY: All concrete shall have a 28 day strength of 3000 p.s.i. min. Cover over the bar reinforcement shall be 2 inches except as otherwise noted on the drawings. All exposed edges of concrete shall be chamfered 3/4" x 1/4" unless otherwise shown. Clearings for slabs shall be finished at least 1/8" high, and after curing, ground to a true plane and elevation over an area extending 1" beyond the contact surfaces.

BAR REINFORCEMENT: Bar Reinforcement shall conform with Deformed Ribbed Steel Bars, Grade 40, ASTM A615 (ASTM spec). Lap and Splices, unless otherwise noted, shall be 24 bar diameters.

STRUCTURAL STEEL: All Structural Steel shall conform to the requirements of ASTM A36. Girders shall be cambered for dead load deflection and where required, for additional permanent camber due to vertical curvature. Do not paint steel surfaces in contact with concrete. Anchor bolts, immediately after the concrete has attained its initial set, shall be completely wrapped in burlap. All portions of steel structure are required to be painted.

SLAB SURFACES: See Special Provisions for information on Colma 361 Green mixed with Colma 361 Granules for treatment of steel surface.

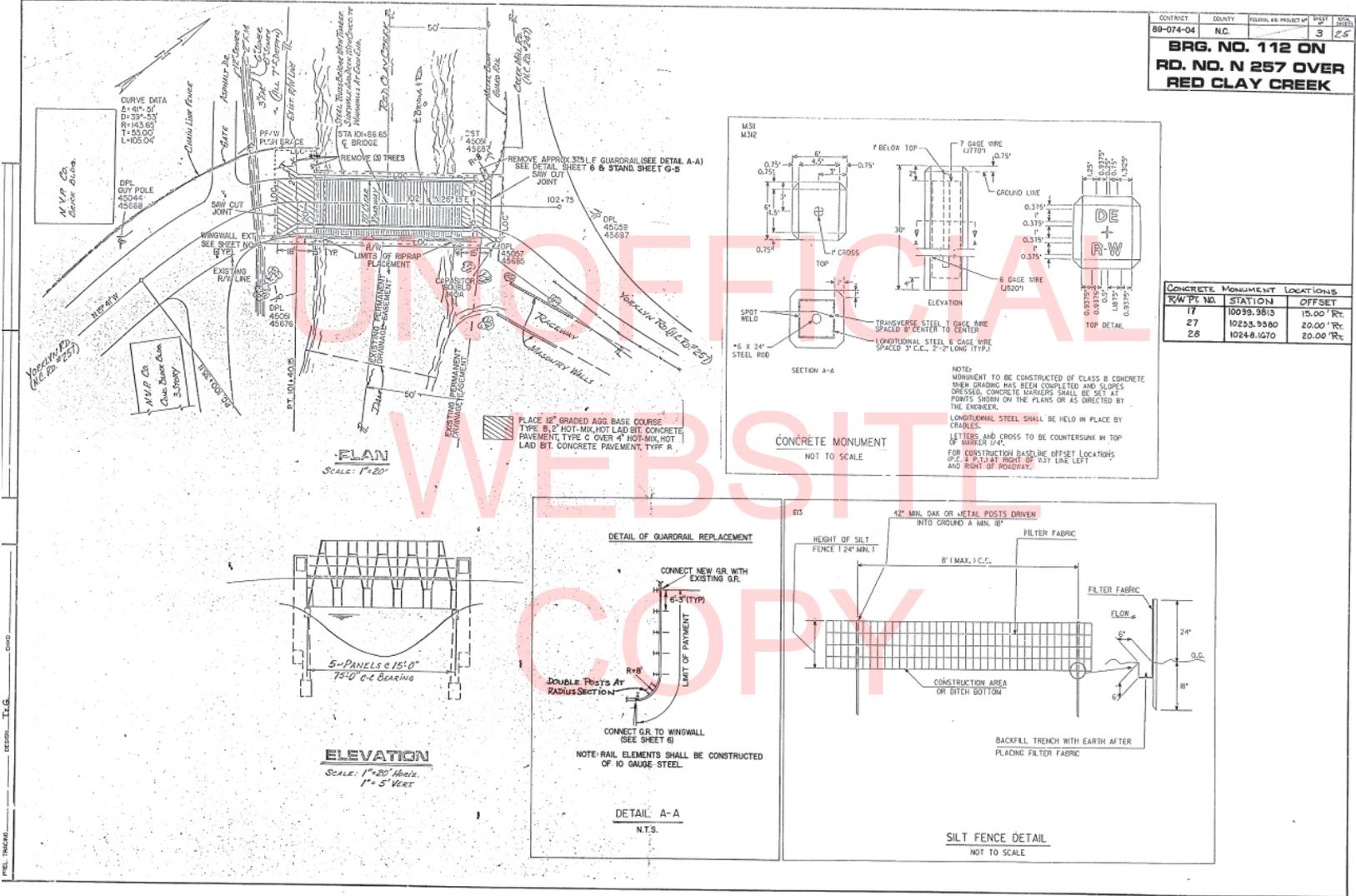
NOTES

FOOTINGS: The footings may be ordered by the Engineer to be at any elevation or of any dimensions necessary to provide a proper foundation.

GALVANIZED FENCE AND SUPPORTS: Chain link fence fabric conforming to ASTM A951 shall be No. 9 galv wire woven in a 2" Mesh and galvanized after weaving in accordance with ASTM A653. Galvanized pipe and steel fence supports shall conform to ASTM A53 Grade B, 3" O.D. x 0.2803 A-MS steel shall be used for all hardware, and after fabrication, shall be galvanized in accordance with ASTM B117. Any galvanized surfaces damaged by handling or by welding after galvanizing shall be repaired using "Gals-Weld" or an acceptable equal. Such repair compound shall meet Federal Specification 00-53.

DELAWARE DEPARTMENT OF HIGHWAYS & TRANSPORTATION DIVISION OF HIGHWAYS		
SITE PLAN		
BRIDGE NO. 27, LINCOLN AVE.		
D. CHN	SCALE	APPROVED BY
T. & R. B.	As Shown	<i>[Signature]</i>
C. T. D.		BRIDGE ENGINEER

1-028P Right of Way



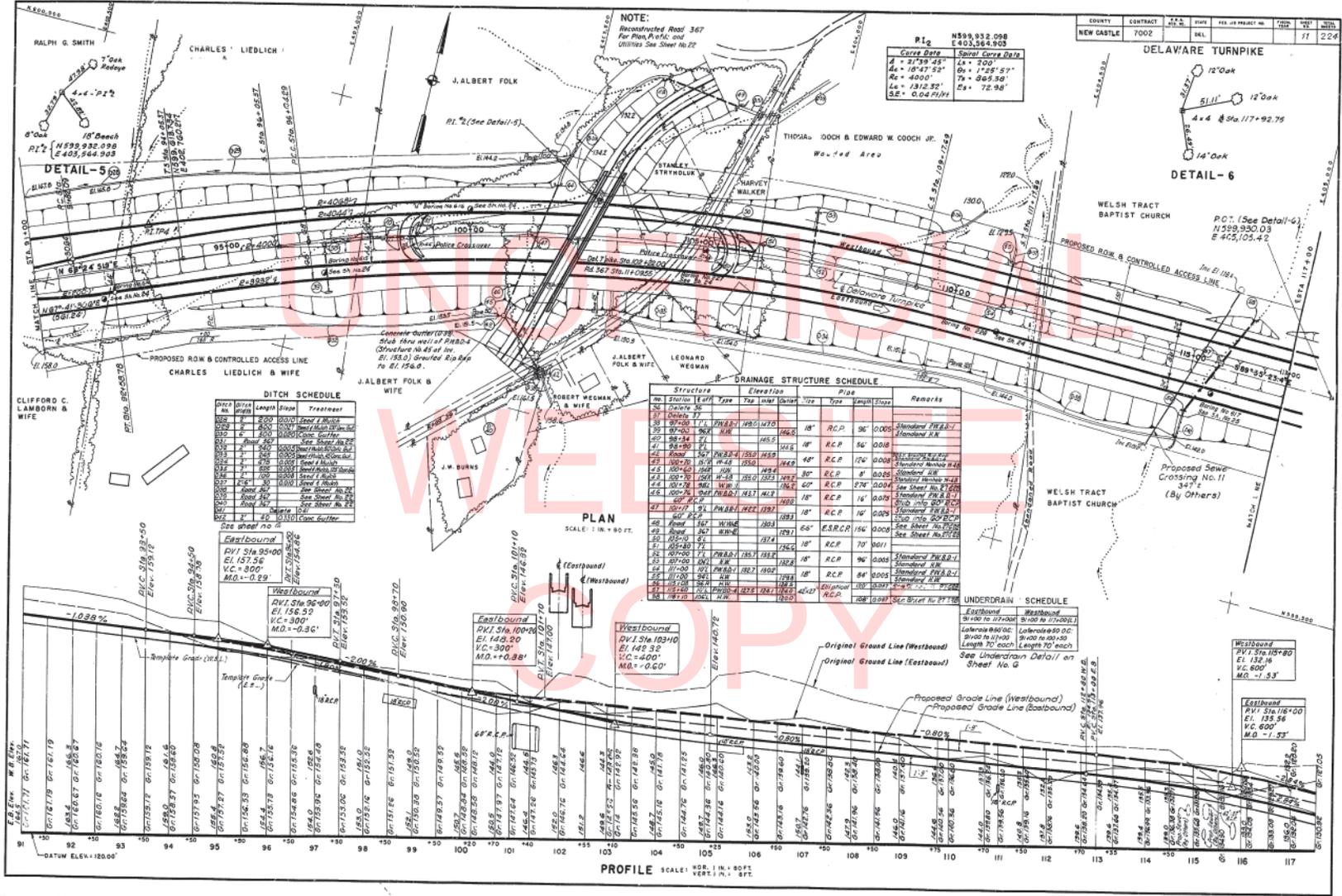
1-112 Right of Way



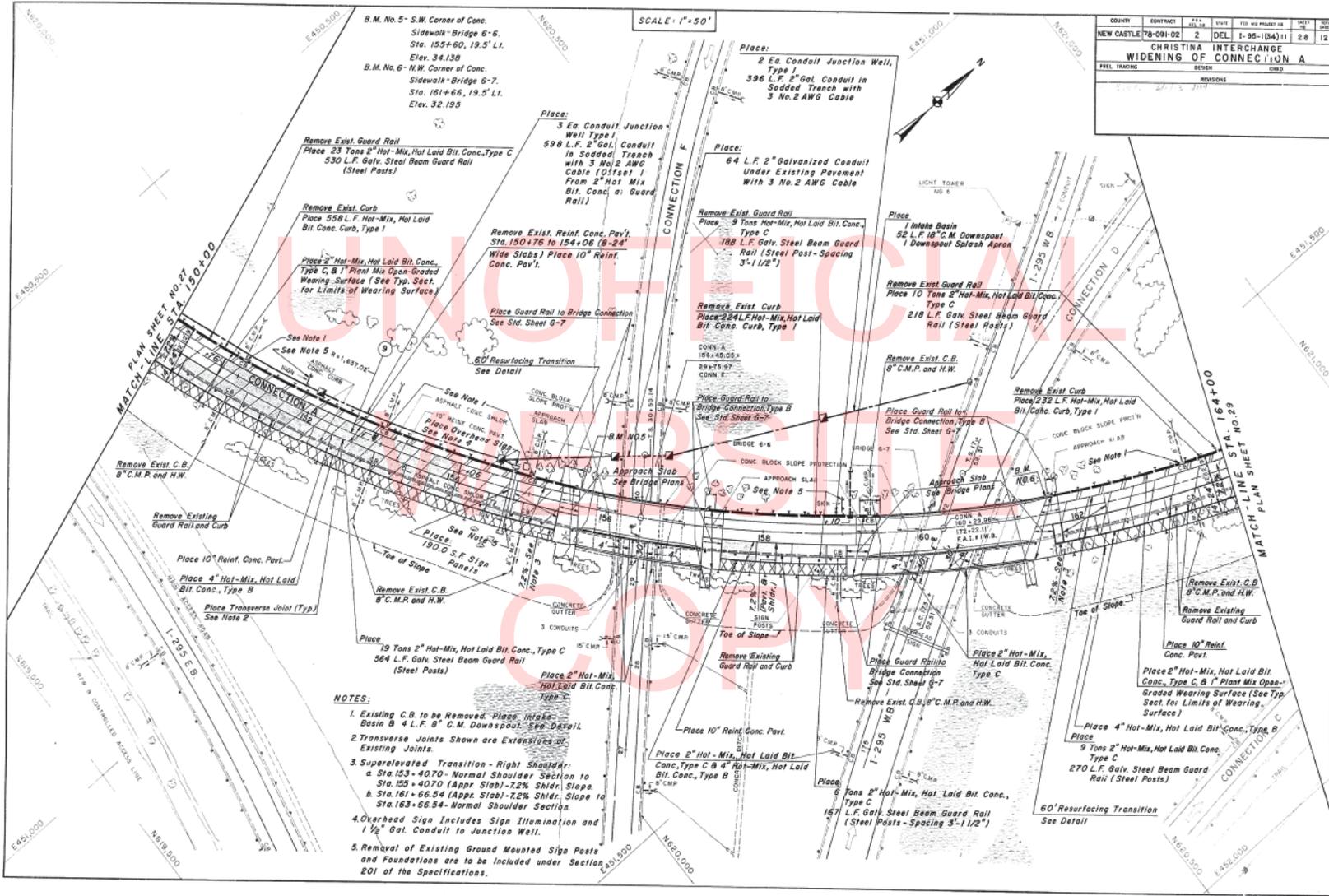
1-341 Right of Way



1-649 and 1-649A Right of Way



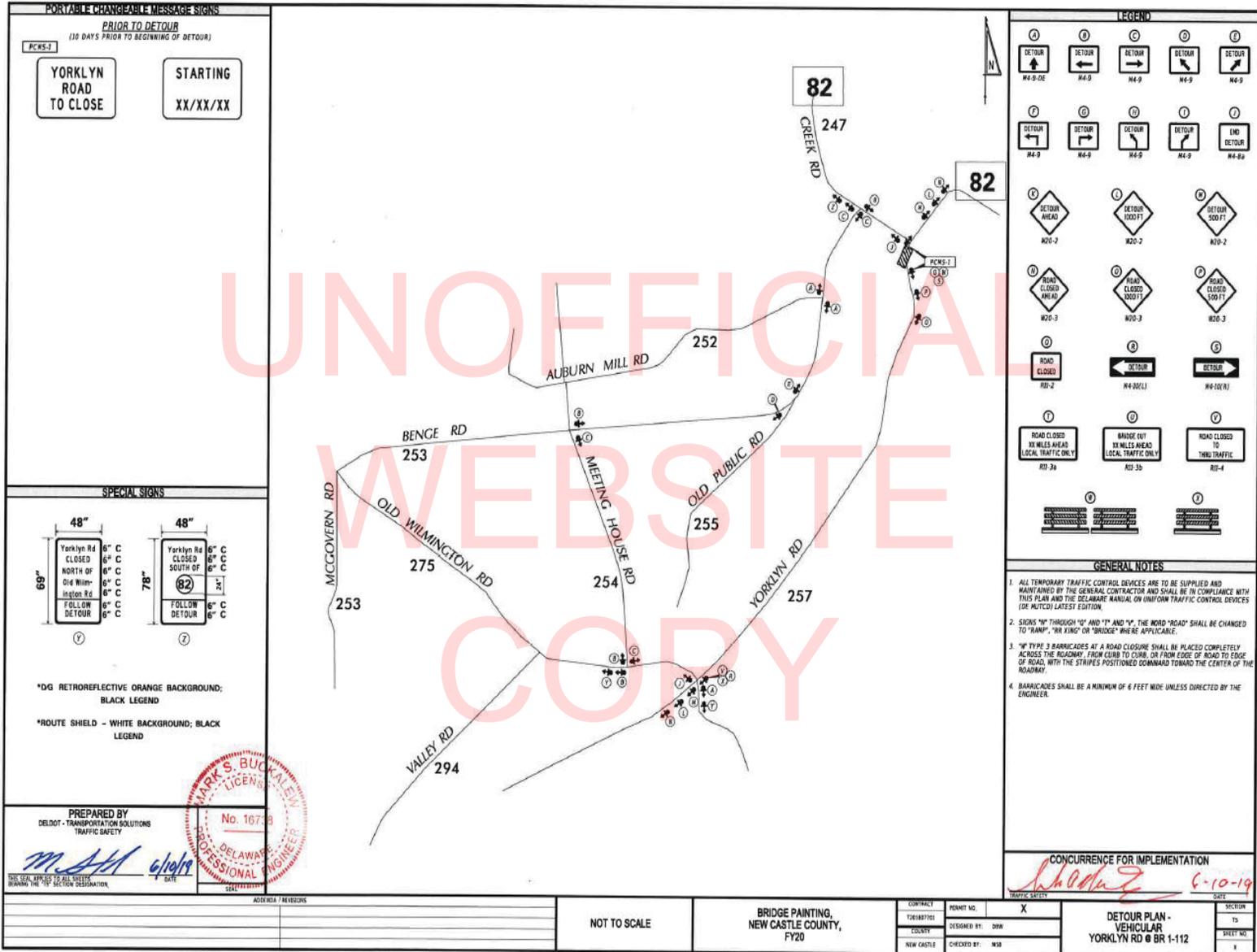
1-702 Right of Way



- NOTES:**
- Existing C.B. to be Removed. Place Intake Basin B 4 L.F. 8" C.M. Downspout. See Detail.
 - Transverse Joints Shown are Extensions of Existing Joints.
 - Superelevated Transition - Right Shoulder:
 - Sta. 153+40.70 - Normal Shoulder Section to Sta. 155+40.70 (Appr. Slab) - 7.2% Shldr. Slope
 - Sta. 161+66.54 (Appr. Slab) - 7.2% Shldr. Slope to Sta. 163+66.54 - Normal Shoulder Section
 - Overhead Sign Includes Sign Illumination and 1 1/2" Gal. Conduit to Junction Well.
 - Removal of Existing Ground Mounted Sign Posts and Foundations are to be Included under Section 201 of the Specifications.

1-739 Right of Way

DETOUR PLANS



1-112 Detour Plan

PORTABLE CHANGABLE MESSAGE SIGNS

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

PKMS-1

YORKLYN ROAD TO CLOSE

STARTING XX/XX/XX

SPECIAL SIGNS

48" x 68" sign: Yorklyn Rd CLOSED NORTH OF Old Wilmington Rd FOLLOW DETOUR

48" x 78" sign: Yorklyn Rd CLOSED SOUTH OF Old Wilmington Rd FOLLOW DETOUR

*DG RETROREFLECTIVE ORANGE BACKGROUND; BLACK LEGEND

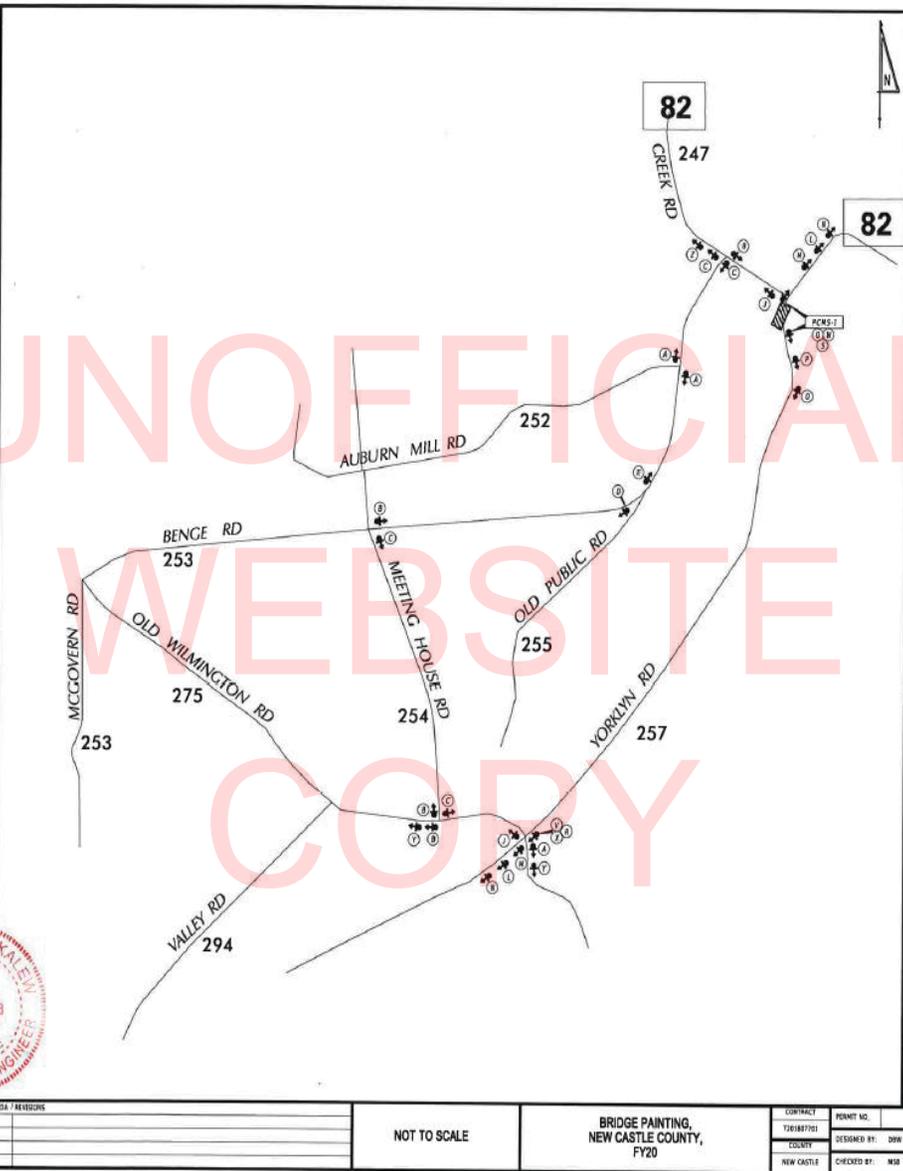
*ROUTE SHIELD - WHITE BACKGROUND; BLACK LEGEND

PREPARED BY
DELDOT - TRANSPORTATION SOLUTIONS
TRAFFIC SAFETY

M. A. H. G. H. G.

DATE: 6/10/19

MARK S. BUCKALEW
LICENSED PROFESSIONAL ENGINEER
No. 16733
DELAWARE



LEGEND

A: DETOUR (AHEAD) (M4-5-DE)

B: DETOUR (M4-5)

C: DETOUR (M4-5)

D: DETOUR (M4-5)

E: DETOUR (M4-5)

F: DETOUR (M4-5)

G: DETOUR (M4-5)

H: DETOUR (M4-5)

I: DETOUR (M4-5)

J: DETOUR (M4-5)

K: DETOUR (M4-5)

L: DETOUR (M4-5)

M: DETOUR (M4-5)

N: DETOUR (M4-5)

O: DETOUR (M4-5)

P: DETOUR (M4-5)

Q: DETOUR (M4-5)

R: DETOUR (M4-5)

S: DETOUR (M4-5)

T: DETOUR (M4-5)

U: DETOUR (M4-5)

V: DETOUR (M4-5)

W: DETOUR (M4-5)

X: DETOUR (M4-5)

Y: DETOUR (M4-5)

Z: DETOUR (M4-5)

AA: DETOUR (M4-5)

AB: DETOUR (M4-5)

AC: DETOUR (M4-5)

AD: DETOUR (M4-5)

AE: DETOUR (M4-5)

AF: DETOUR (M4-5)

AG: DETOUR (M4-5)

AH: DETOUR (M4-5)

AI: DETOUR (M4-5)

AJ: DETOUR (M4-5)

AK: DETOUR (M4-5)

AL: DETOUR (M4-5)

AM: DETOUR (M4-5)

AN: DETOUR (M4-5)

AO: DETOUR (M4-5)

AP: DETOUR (M4-5)

AQ: DETOUR (M4-5)

AR: DETOUR (M4-5)

AS: DETOUR (M4-5)

AT: DETOUR (M4-5)

AV: DETOUR (M4-5)

AW: DETOUR (M4-5)

AX: DETOUR (M4-5)

AY: DETOUR (M4-5)

AZ: DETOUR (M4-5)

BA: DETOUR (M4-5)

BB: DETOUR (M4-5)

BC: DETOUR (M4-5)

BD: DETOUR (M4-5)

BE: DETOUR (M4-5)

BF: DETOUR (M4-5)

BF-2: ROAD CLOSED (M4-2)

BF-3: ROAD CLOSED (M4-3)

BF-4: ROAD CLOSED (M4-4)

BF-5: ROAD CLOSED (M4-5)

BF-6: ROAD CLOSED (M4-6)

BF-7: ROAD CLOSED (M4-7)

BF-8: ROAD CLOSED (M4-8)

BF-9: ROAD CLOSED (M4-9)

BF-10: ROAD CLOSED (M4-10)

BF-11: ROAD CLOSED (M4-11)

BF-12: ROAD CLOSED (M4-12)

BF-13: ROAD CLOSED (M4-13)

BF-14: ROAD CLOSED (M4-14)

BF-15: ROAD CLOSED (M4-15)

BF-16: ROAD CLOSED (M4-16)

BF-17: ROAD CLOSED (M4-17)

BF-18: ROAD CLOSED (M4-18)

BF-19: ROAD CLOSED (M4-19)

BF-20: ROAD CLOSED (M4-20)

BF-21: ROAD CLOSED (M4-21)

BF-22: ROAD CLOSED (M4-22)

BF-23: ROAD CLOSED (M4-23)

BF-24: ROAD CLOSED (M4-24)

BF-25: ROAD CLOSED (M4-25)

BF-26: ROAD CLOSED (M4-26)

BF-27: ROAD CLOSED (M4-27)

BF-28: ROAD CLOSED (M4-28)

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BF-30: ROAD CLOSED (M4-30)

BF-31: ROAD CLOSED (M4-31)

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BF-33: ROAD CLOSED (M4-33)

BF-34: ROAD CLOSED (M4-34)

BF-35: ROAD CLOSED (M4-35)

BF-36: ROAD CLOSED (M4-36)

BF-37: ROAD CLOSED (M4-37)

BF-38: ROAD CLOSED (M4-38)

BF-39: ROAD CLOSED (M4-39)

BF-40: ROAD CLOSED (M4-40)

BF-41: ROAD CLOSED (M4-41)

BF-42: ROAD CLOSED (M4-42)

BF-43: ROAD CLOSED (M4-43)

BF-44: ROAD CLOSED (M4-44)

BF-45: ROAD CLOSED (M4-45)

BF-46: ROAD CLOSED (M4-46)

BF-47: ROAD CLOSED (M4-47)

BF-48: ROAD CLOSED (M4-48)

BF-49: ROAD CLOSED (M4-49)

BF-50: ROAD CLOSED (M4-50)

BF-51: ROAD CLOSED (M4-51)

BF-52: ROAD CLOSED (M4-52)

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BF-56: ROAD CLOSED (M4-56)

BF-57: ROAD CLOSED (M4-57)

BF-58: ROAD CLOSED (M4-58)

BF-59: ROAD CLOSED (M4-59)

BF-60: ROAD CLOSED (M4-60)

BF-61: ROAD CLOSED (M4-61)

BF-62: ROAD CLOSED (M4-62)

BF-63: ROAD CLOSED (M4-63)

BF-64: ROAD CLOSED (M4-64)

BF-65: ROAD CLOSED (M4-65)

BF-66: ROAD CLOSED (M4-66)

BF-67: ROAD CLOSED (M4-67)

BF-68: ROAD CLOSED (M4-68)

BF-69: ROAD CLOSED (M4-69)

BF-70: ROAD CLOSED (M4-70)

BF-71: ROAD CLOSED (M4-71)

BF-72: ROAD CLOSED (M4-72)

BF-73: ROAD CLOSED (M4-73)

BF-74: ROAD CLOSED (M4-74)

BF-75: ROAD CLOSED (M4-75)

BF-76: ROAD CLOSED (M4-76)

BF-77: ROAD CLOSED (M4-77)

BF-78: ROAD CLOSED (M4-78)

BF-79: ROAD CLOSED (M4-79)

BF-80: ROAD CLOSED (M4-80)

BF-81: ROAD CLOSED (M4-81)

BF-82: ROAD CLOSED (M4-82)

BF-83: ROAD CLOSED (M4-83)

BF-84: ROAD CLOSED (M4-84)

BF-85: ROAD CLOSED (M4-85)

BF-86: ROAD CLOSED (M4-86)

BF-87: ROAD CLOSED (M4-87)

BF-88: ROAD CLOSED (M4-88)

BF-89: ROAD CLOSED (M4-89)

BF-90: ROAD CLOSED (M4-90)

BF-91: ROAD CLOSED (M4-91)

BF-92: ROAD CLOSED (M4-92)

BF-93: ROAD CLOSED (M4-93)

BF-94: ROAD CLOSED (M4-94)

BF-95: ROAD CLOSED (M4-95)

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BF-100: ROAD CLOSED (M4-100)

GENERAL NOTES

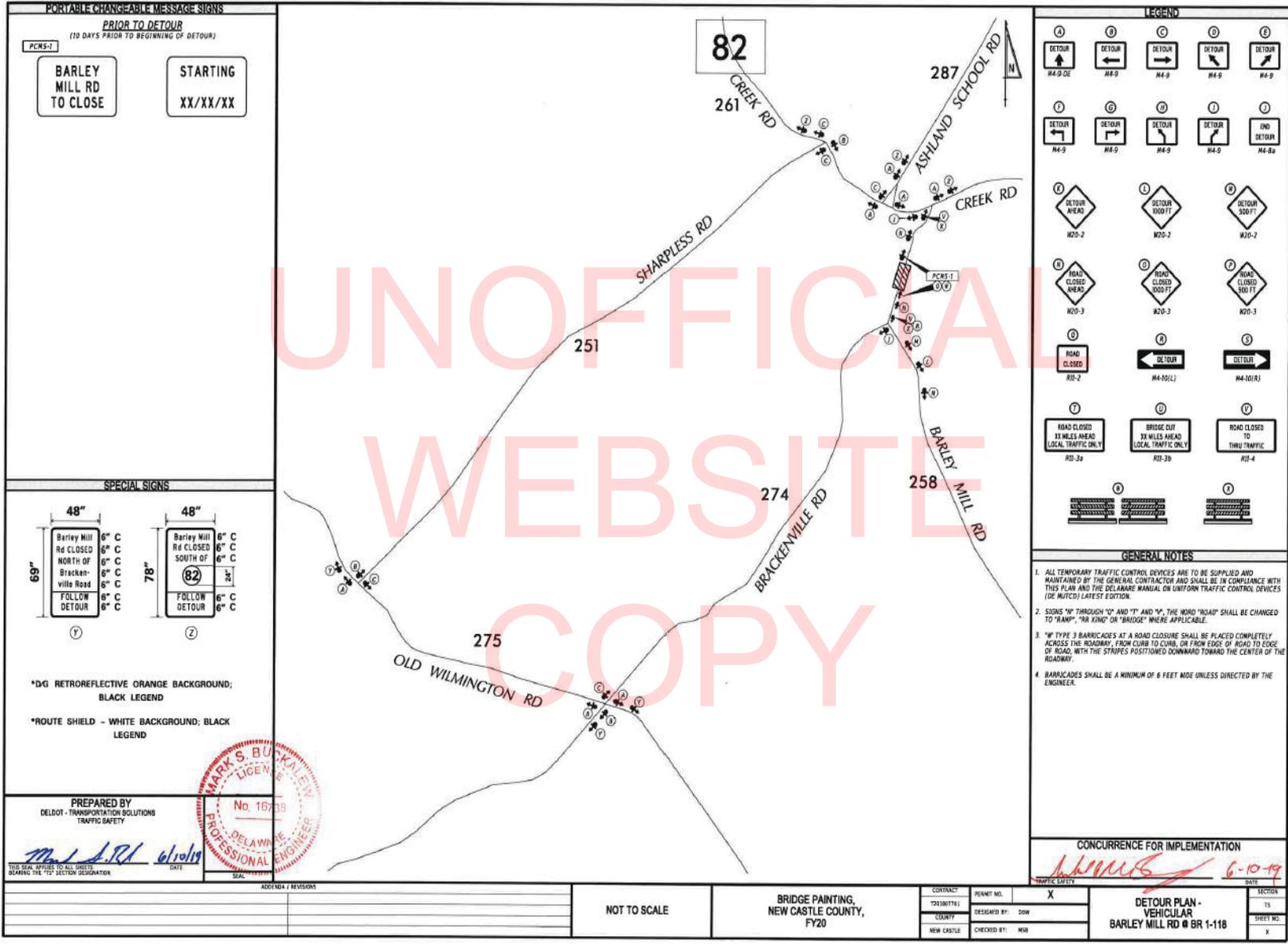
- ALL TEMPORARY TRAFFIC CONTROL DEVICES ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR AND SHALL BE IN COMPLIANCE WITH THIS PLAN AND THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE MUTCD) LATEST EDITION.
- SIGNS "M" THROUGH "Q" AND "Y" AND "Y", THE WORD "ROAD" SHALL BE CHANGED TO "RAMP", "RR KING" OR "BRIDGE" WHERE APPLICABLE.
- "M" TYPE 3 BARRICADES AT A ROAD CLOSURE SHALL BE PLACED COMPLETELY ACROSS THE ROADWAY, FROM CURB TO CURB, OR FROM EDGE OF ROAD TO EDGE OF ROAD, WITH THE STRIPES POSITIONED DOWNWARD TOWARD THE CENTER OF THE ROADWAY.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

CONCURRENCE FOR IMPLEMENTATION

Mark S. Buckalew 6-10-19

CONTRACT	PROJECT NO.	SECTION
T201807701	X	TS
COUNTY	DESIGNED BY:	SHEET NO.
NEW CASTLE	DRW	1
	CHECKED BY:	
	MSB	

DETOUR PLAN - VEHICULAR
YORKLYN RD @ BR 1-112

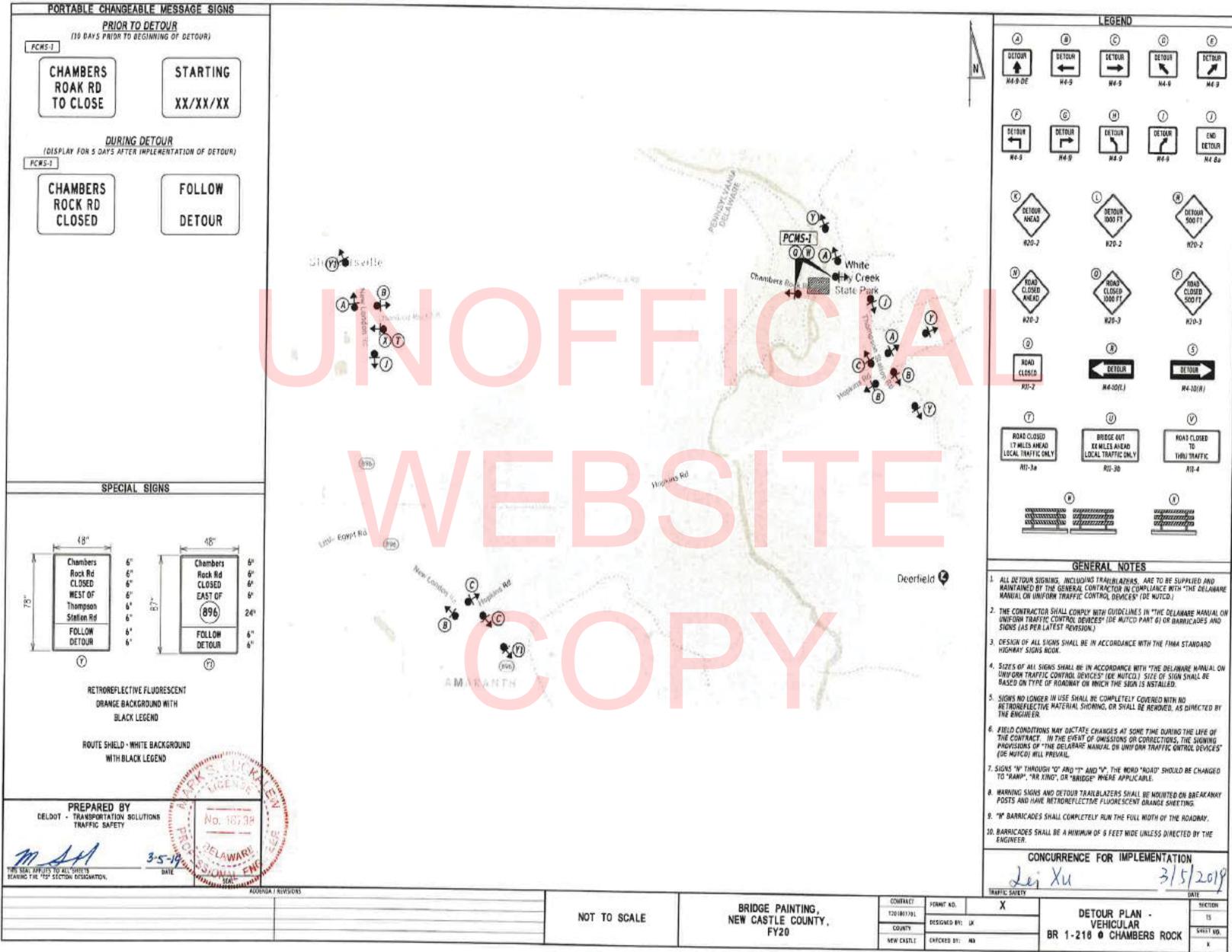


1-118 Detour Plan

UNOFFICIAL WEBSITE COPY

PORTABLE CHANGEABLE MESSAGE SIGNS									
PRIOR TO DETOUR (10 DAYS PRIOR TO BEGINNING OF DETOUR)									
PCMS-2 BARLEY MILL RD TO CLOSE	STARTING XX/XX/XX								
SPECIAL SIGNS									
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>48"</p> <p>69"</p> <p>Barley Mill Rd CLOSED NORTH OF Brackenville Road</p> <p>FOLLOW DETOUR</p> <p>Y</p> </div> <div style="text-align: center;"> <p>48"</p> <p>78"</p> <p>Barley Mill Rd CLOSED SOUTH OF (82)</p> <p>FOLLOW DETOUR</p> <p>Z</p> </div> </div>	<p>*DG RETROREFLECTIVE ORANGE BACKGROUND; BLACK LEGEND</p> <p>*ROUTE SHIELD - WHITE BACKGROUND; BLACK LEGEND</p>								
<p>PREPARED BY DELDOT - TRANSPORTATION SOLUTIONS TRAFFIC SAFETY</p> <p><i>Mark S. Bucklew</i> 6/10/19 THIS SEAL APPLIES TO ALL SHEETS BEARING THE "TS" SECTION DESIGNATION</p>									
<p>MARK S. BUCKLEW LICENSE No. 15739 DELAWARE PROFESSIONAL ENGINEER</p>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">NOT TO SCALE</td> <td style="width: 50%;">BRIDGE PAINTING, NEW CASTLE COUNTY, FY20</td> </tr> <tr> <td>CONTRACT NO. T201807701</td> <td>PERMIT NO. X</td> </tr> <tr> <td>COUNTY NEW CASTLE</td> <td>DESIGNED BY: DOW</td> </tr> <tr> <td></td> <td>CHECKED BY: MGB</td> </tr> </table>		NOT TO SCALE	BRIDGE PAINTING, NEW CASTLE COUNTY, FY20	CONTRACT NO. T201807701	PERMIT NO. X	COUNTY NEW CASTLE	DESIGNED BY: DOW		CHECKED BY: MGB
NOT TO SCALE	BRIDGE PAINTING, NEW CASTLE COUNTY, FY20								
CONTRACT NO. T201807701	PERMIT NO. X								
COUNTY NEW CASTLE	DESIGNED BY: DOW								
	CHECKED BY: MGB								

LEGEND				
A DETOUR M4-9 DE	B DETOUR M4-9	C DETOUR M4-9	D DETOUR M4-9	E DETOUR M4-9
F DETOUR M4-9	G DETOUR M4-9	H DETOUR M4-9	I DETOUR M4-9	J END DETOUR M4-9a
K DETOUR AHEAD W20-2	L DETOUR 100 FT W20-2	M DETOUR 500 FT W20-2		
N ROAD CLOSED AHEAD W20-3	O ROAD CLOSED 100 FT W20-3	P ROAD CLOSED 500 FT W20-3		
Q ROAD CLOSED R2-2	R DETOUR M4-10(L)	S DETOUR M4-10(R)		
T ROAD CLOSED 3/4 MILES AHEAD LOCAL TRAFFIC ONLY R2-2a	U BRIDGE OUT 3/4 MILES AHEAD LOCAL TRAFFIC ONLY R2-2b	V ROAD CLOSED TO TRUCK TRAFFIC R3-4		
GENERAL NOTES				
<p>1. ALL TEMPORARY TRAFFIC CONTROL DEVICES ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR AND SHALL BE IN COMPLIANCE WITH THIS PLAN AND THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE MUTC) LATEST EDITION.</p> <p>2. SIGNS "K" THROUGH "P" AND "T" AND "U", THE WORD "ROAD" SHALL BE CHANGED TO "TRAMP", "RA KING" OR "BRIDGE" WHERE APPLICABLE.</p> <p>3. "W" TYPE 3 BARRICADES AT A ROAD CLOSURE SHALL BE PLACED COMPLETELY ACROSS THE ROADWAY, FROM CURB TO CURB, OR FROM EDGE OF ROAD TO EDGE OF ROAD, WITH THE STRIPES POSITIONED DOWNWARD TOWARD THE CENTER OF THE ROADWAY.</p> <p>4. BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.</p>				
CONCURRENCE FOR IMPLEMENTATION				
<i>Mark S. Bucklew</i> 6-10-19				DATE
TRAFFIC SAFETY				SCALE
DETOUR PLAN - VEHICULAR				SECTION
BARLEY MILL RD # BR 1-118				75
				SHEET NO.
				X



1-216 Detour Plan

PORTABLE CHANGEABLE MESSAGE SIGNS

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

PCMS-1

CHAMBERS
ROAK RD
TO CLOSE

STARTING
XX/XX/XX

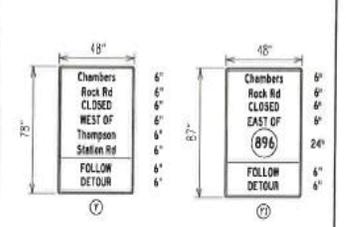
DURING DETOUR
(DISPLAY FOR 5 DAYS AFTER IMPLEMENTATION OF DETOUR)

PCMS-1

CHAMBERS
ROCK RD
CLOSED

FOLLOW
DETOUR

SPECIAL SIGNS



RETROREFLECTIVE FLUORESCENT
ORANGE BACKGROUND WITH
BLACK LEGEND

ROUTE SHIELD - WHITE BACKGROUND
WITH BLACK LEGEND

PREPARED BY
DELDOT - TRANSPORTATION SOLUTIONS
TRAFFIC SAFETY

M. S. H.
DATE: 3-5-19

NO. 18738
DELAWARE
PROFESSIONAL ENGINEER

LEGEND

(A) DETOUR AHEAD	(B) DETOUR LEFT	(C) DETOUR RIGHT	(D) DETOUR	(E) DETOUR
(F) DETOUR	(G) DETOUR	(H) DETOUR	(I) DETOUR	(J) END DETOUR
(K) DETOUR AHEAD 100 FT	(L) DETOUR 100 FT	(M) DETOUR 500 FT		
(N) ROAD CLOSED AHEAD	(O) ROAD CLOSED 100 FT	(P) ROAD CLOSED 500 FT		
(Q) ROAD CLOSED	(R) DETOUR	(S) DETOUR		
(T) ROAD CLOSED 17 MILES AHEAD LOCAL TRAFFIC ONLY	(U) BRIDGE OUT 20 MILES AHEAD LOCAL TRAFFIC ONLY	(V) ROAD CLOSED TO THRU TRAFFIC		
(W) BARRICADE	(X) BARRICADE	(Y) BARRICADE		

- GENERAL NOTES**
- ALL DETOUR SIGNING, INCLUDING TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE WITH "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD).
 - THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD) PART 61 OR BARRICADES AND SIGNS (AS PER LATEST REVISIONS).
 - DESIGN OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE FHWA STANDARD HIGHWAY SIGNS BOOK.
 - SIZES OF ALL SIGNS SHALL BE IN ACCORDANCE WITH "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD). SIZE OF SIGN SHALL BE BASED ON TYPE OF ROADWAY ON WHICH THE SIGN IS INSTALLED.
 - SIGNS NO LONGER IN USE SHALL BE COMPLETELY COVERED WITH NO RETROREFLECTIVE MATERIAL SHOWING, OR SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER.
 - FIELD CONDITIONS MAY IMPOSE CHARGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PRACTICES OF "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD) WILL PREVAIL.
 - SIGNS "W" THROUGH "Q" AND "T" AND "P" THE WORD "ROAD" SHOULD BE CHANGED TO "BRIDGE", "RAIL CROSSING", OR "BRIDGE" WHERE APPLICABLE.
 - WARNING SIGNS AND DETOUR TRAILBLAZERS SHALL BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT ORANGE SHEETING.
 - "W" BARRICADES SHALL COMPLETELY RUN THE FULL WIDTH OF THE ROADWAY.
 - BARRICADES SHALL BE A MINIMUM OF 5 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
- CONCURRENCE FOR IMPLEMENTATION**
- Lei Xu* 3/5/2019

NOT TO SCALE	BRIDGE PAINTING, NEW CASTLE COUNTY, FY20	CONTRACT 1201807701	PERMIT NO. X	SECTION 15
		COUNTY NEW CASTLE	DESIGNED BY DK	SHEET NO. X
		CHECKED BY NA	DETOUR PLAN - VEHICULAR BR 1-216 • CHAMBERS ROCK	

SPECIAL SIGNS

NOTES

- *D/G RETROREFLECTIVE ORANGE BACKGROUND; BLACK LEGEND
- *ROUTE SHIELD - WHITE BACKGROUND; BLACK LEGEND
- *DISPLAY (1) AND (2), ALONG WITH THE (3) PLAQUE, FOR 10 DAYS PRIOR TO THE IMPLEMENTATION OF DETOUR. (2) PLAQUE TO COMPLETELY COVER "FOLLOW DETOUR" LEGEND ON (1) AND (2) SIGNS. UPON IMPLEMENTATION OF DETOUR, REMOVE (2) PLAQUE FROM (1) AND (2) SIGNS AND RELOCATE (1) AND (2) TO LOCATIONS OUTSIDE OF CLOSURE AREA.

PREPARED BY
DELOOT - TRANSPORTATION SOLUTIONS
TRAFFIC SAFETY

DATE: 6/10/19

SEAL: MARK S. BUCALA, LICENSE No. 16738, DELAWARE PROFESSIONAL ENGINEER

LEGEND

(A) DETOUR N4-DE	(B) DETOUR N4-S	(C) DETOUR N4-E	(D) DETOUR N4-W	(E) DETOUR N4-SE
(F) DETOUR N4-SW	(G) DETOUR N4-NE	(H) DETOUR N4-W	(I) DETOUR N4-E	(J) END DETOUR N4-S
(K) DETOUR AHEAD W20-2	(L) DETOUR 1000 FT W20-2	(M) DETOUR 500 FT W20-2	(N) ROAD CLOSED AHEAD W20-3	(O) ROAD CLOSED 300 FT W20-3
(P) ROAD CLOSED W20-2	(Q) DETOUR N4-100(L)	(R) DETOUR N4-100(R)	(S) ROAD CLOSED 1/2 MILES AHEAD LOCAL TRAFFIC ONLY W20-3a	(T) BRIDGE OUT 1/2 MILES AHEAD LOCAL TRAFFIC ONLY W20-3b
(U) ROAD CLOSED TO THRU TRAFFIC W20-4	(V) BARRICADE	(W) BARRICADE	(X) BARRICADE	(Y) BARRICADE

GENERAL NOTES

- ALL TEMPORARY TRAFFIC CONTROL DEVICES ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR AND SHALL BE IN COMPLIANCE WITH THIS PLAN AND THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE MUTCD) LATEST EDITION.
- SIGNS "W" THROUGH "Q" AND "T" AND "U", THE WORD "ROAD" SHALL BE CHANGED TO "RAVE", "RR JIMS" OR "BRIDGE" WHERE APPLICABLE.
- "W" TYPE 3 BARRICADES AT A ROAD CLOSURE SHALL BE PLACED COMPLETELY ACROSS THE ROADWAY, FROM CURB TO CURB, OR FROM EDGE OF ROAD TO EDGE OF ROAD, WITH THE STRIPES POSITIONED DOWNWARD TOWARD THE CENTER OF THE ROADWAY.
- BARRICADES SHALL BE A MINIMUM OF 4 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

CONCURRENCE FOR IMPLEMENTATION

TRAFFIC SAFETY: *[Signature]* 6-10-19

NOT TO SCALE

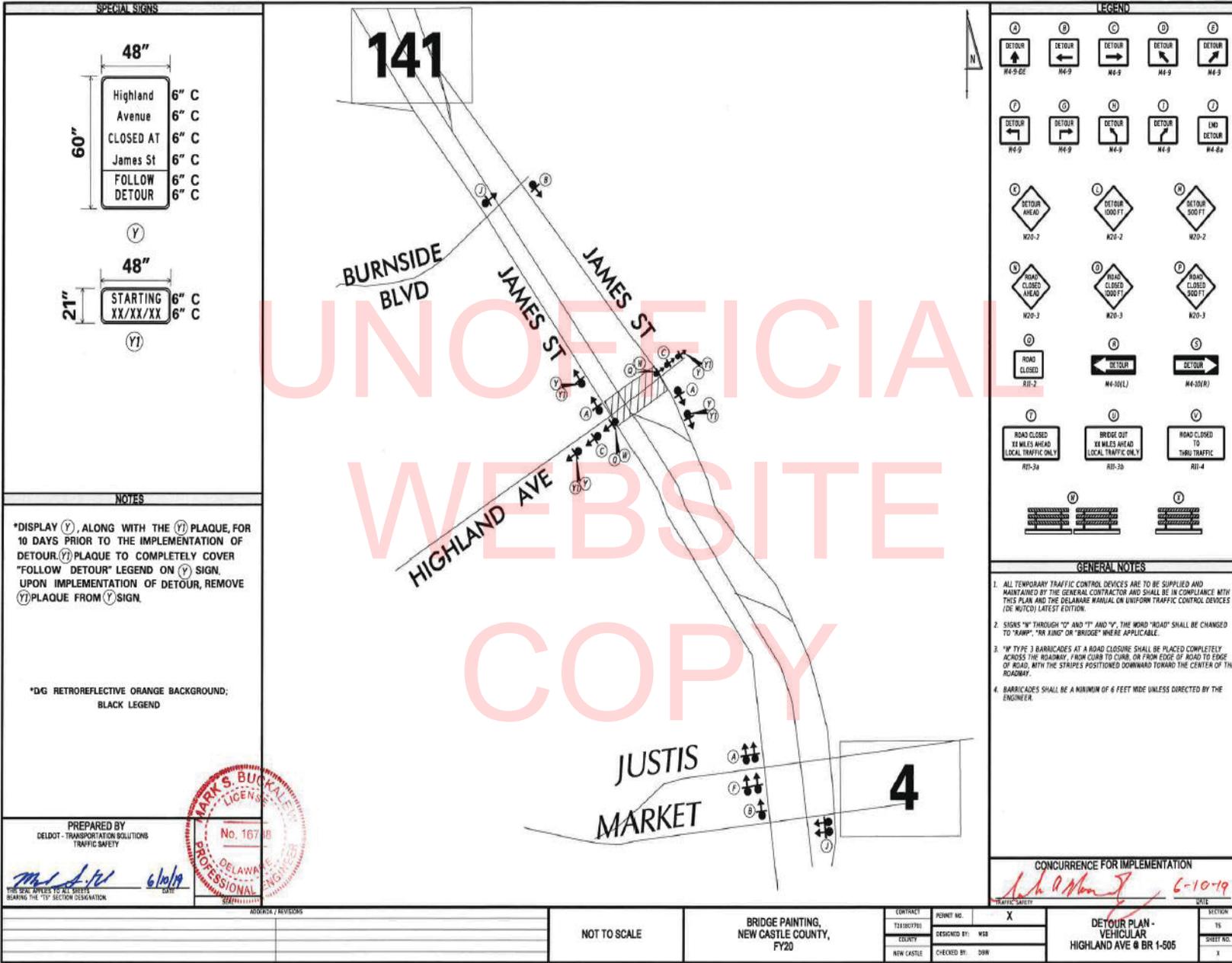
BRIDGE PAINTING,
NEW CASTLE COUNTY,
FY20

CONTRACT	PERMIT NO.	X
731807701	DESIGNED BY:	CEN
NEW CASTLE	CHECKED BY:	MSB

DETOUR PLAN - VEHICULAR
W CHESTNUT HILL RD @ BR 1-326

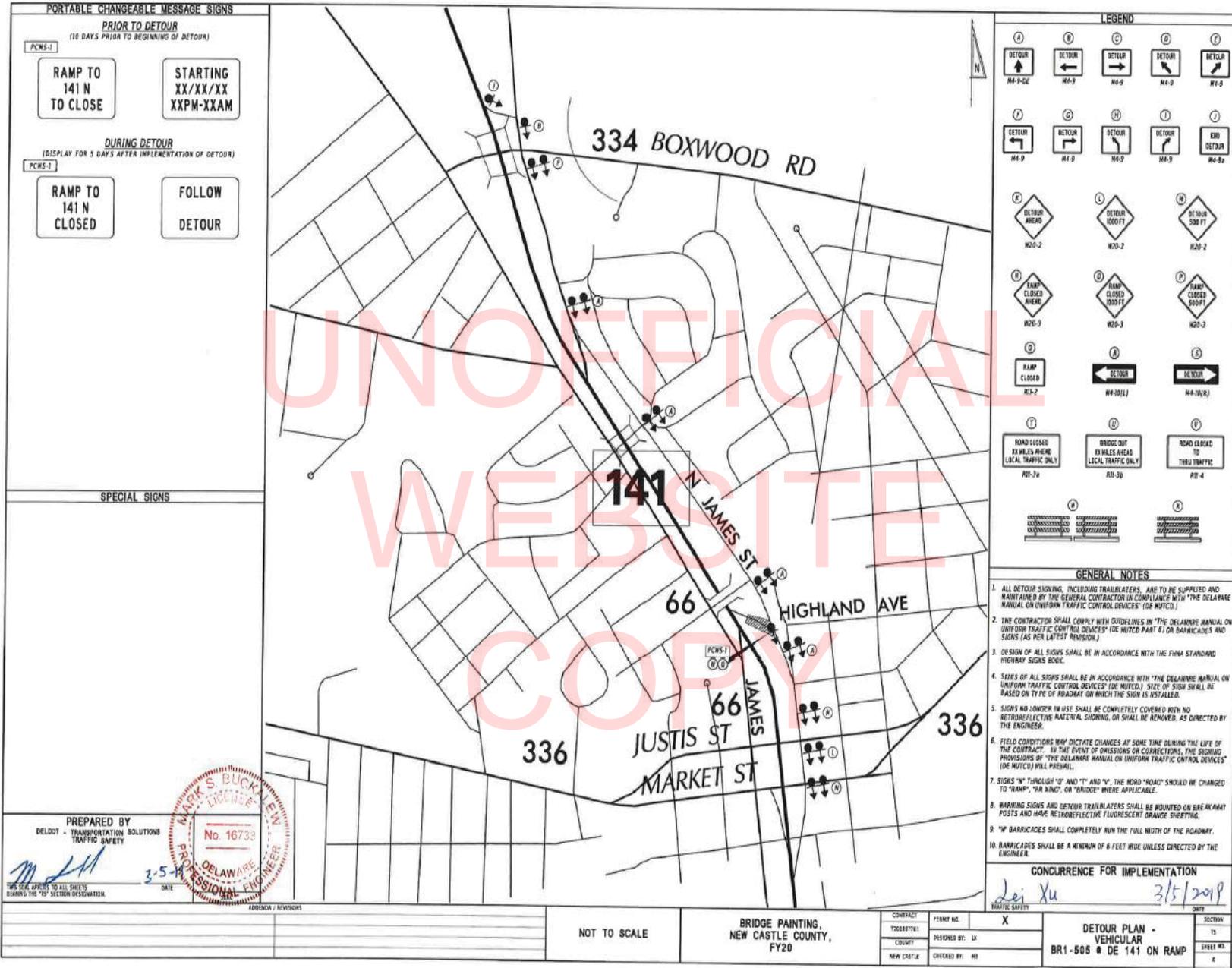
SECTION: TS
SHEET NO.: X

1-326 Detour Plan



1-505 Detour Plan (Highland Ave.)

PREPARED BY DELDOT - TRANSPORTATION SOLUTIONS TRAFFIC SAFETY <i>[Signature]</i> 6/10/19 <small>THIS SEAL APPLIES TO ALL SHEETS BEARING THE "TS" SECTION DESIGNATION.</small>		CONTRACT T201807701 COUNTY NEW CASTLE	POINT NO. X DESIGNED BY: WSB CHECKED BY: DSW	BRIDGE PAINTING, NEW CASTLE COUNTY, FY20	DETOUR PLAN - VEHICULAR HIGHLAND AVE @ BR 1-505	SECTION TS
MARKED / REVISIONS						SHEET NO. X



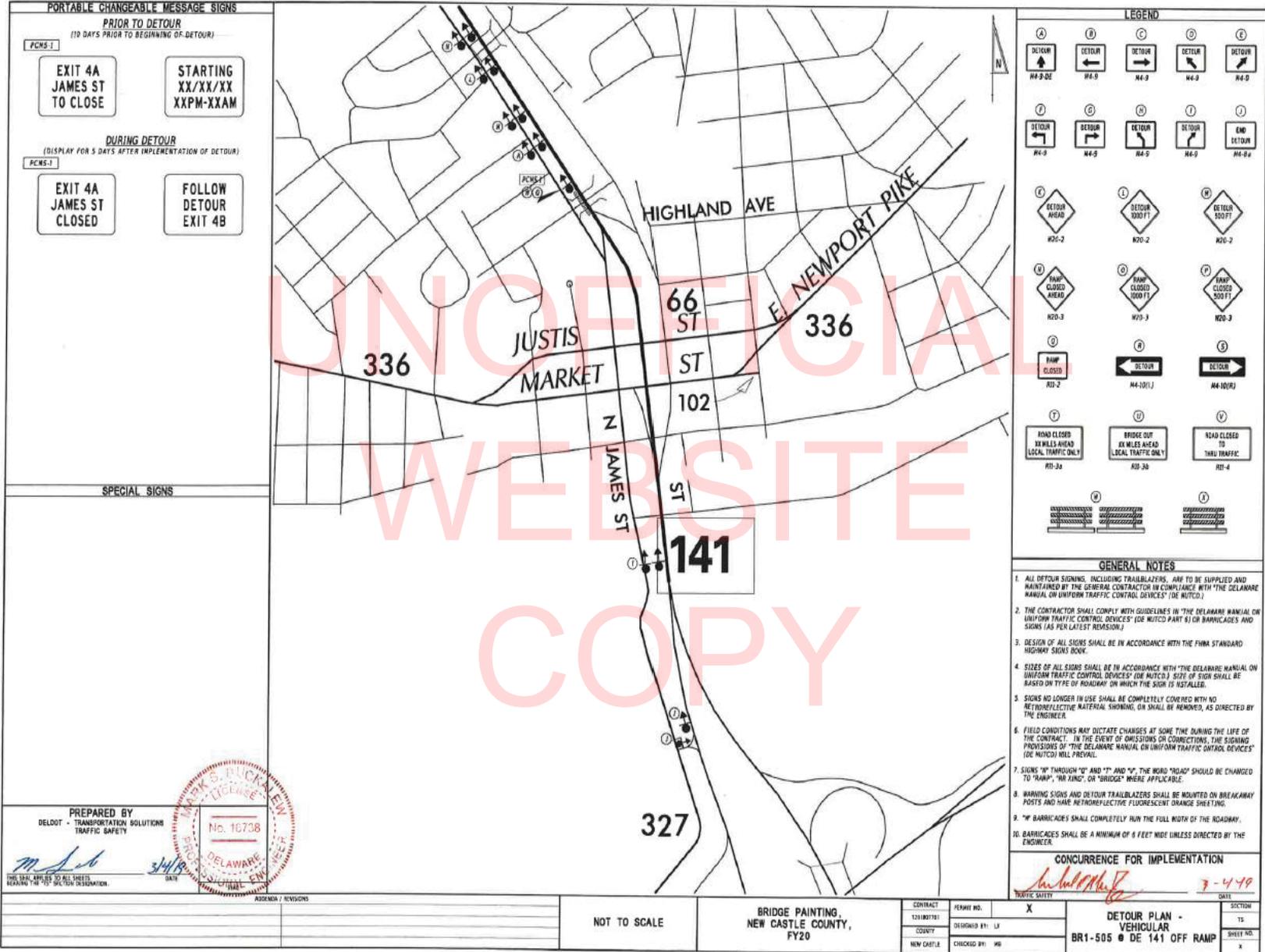
1-505 Detour Plan (141 On Ramp)



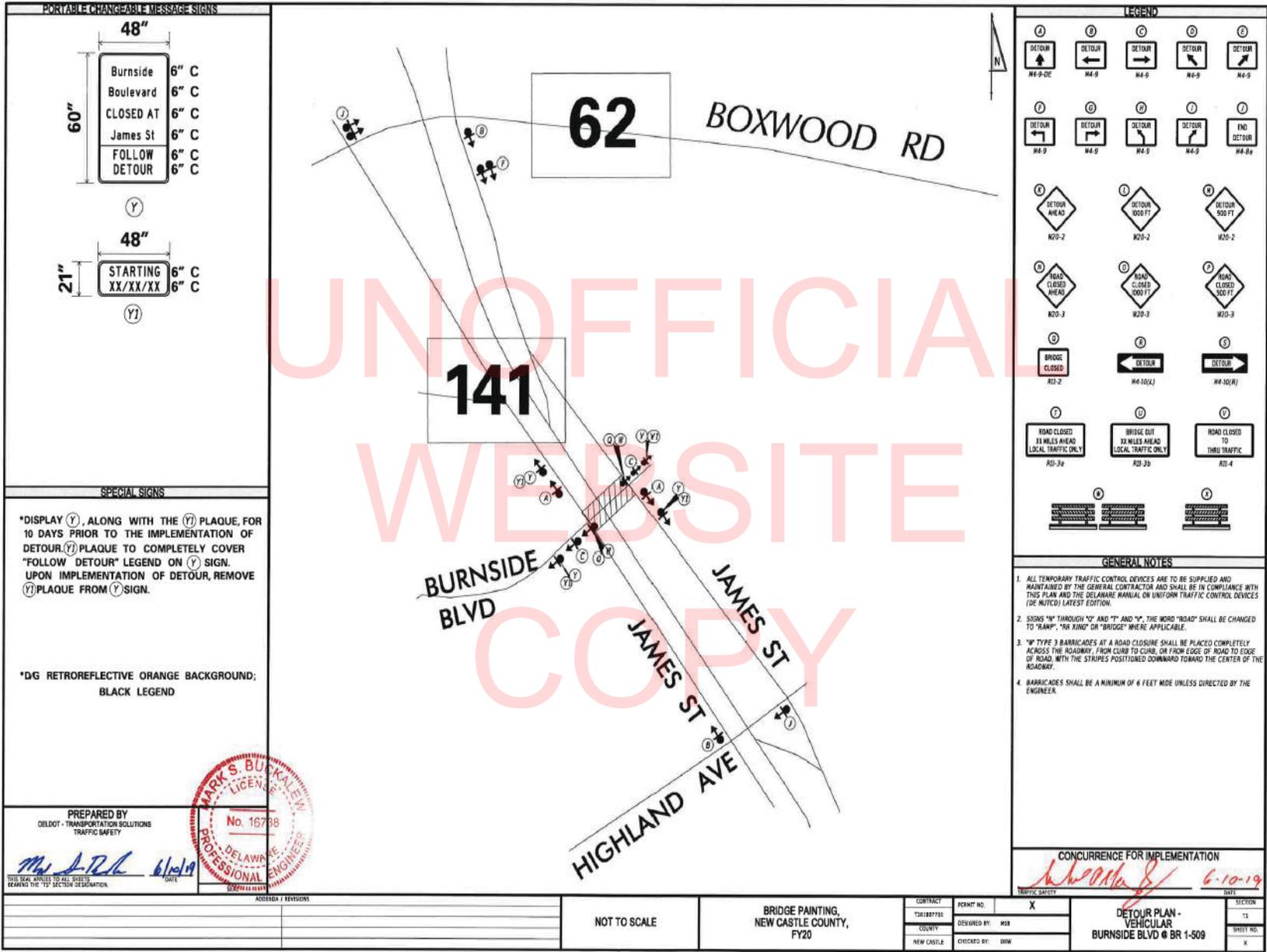
PREPARED BY
DELODOT - TRANSPORTATION SOLUTIONS
TRAFFIC SAFETY

DATE

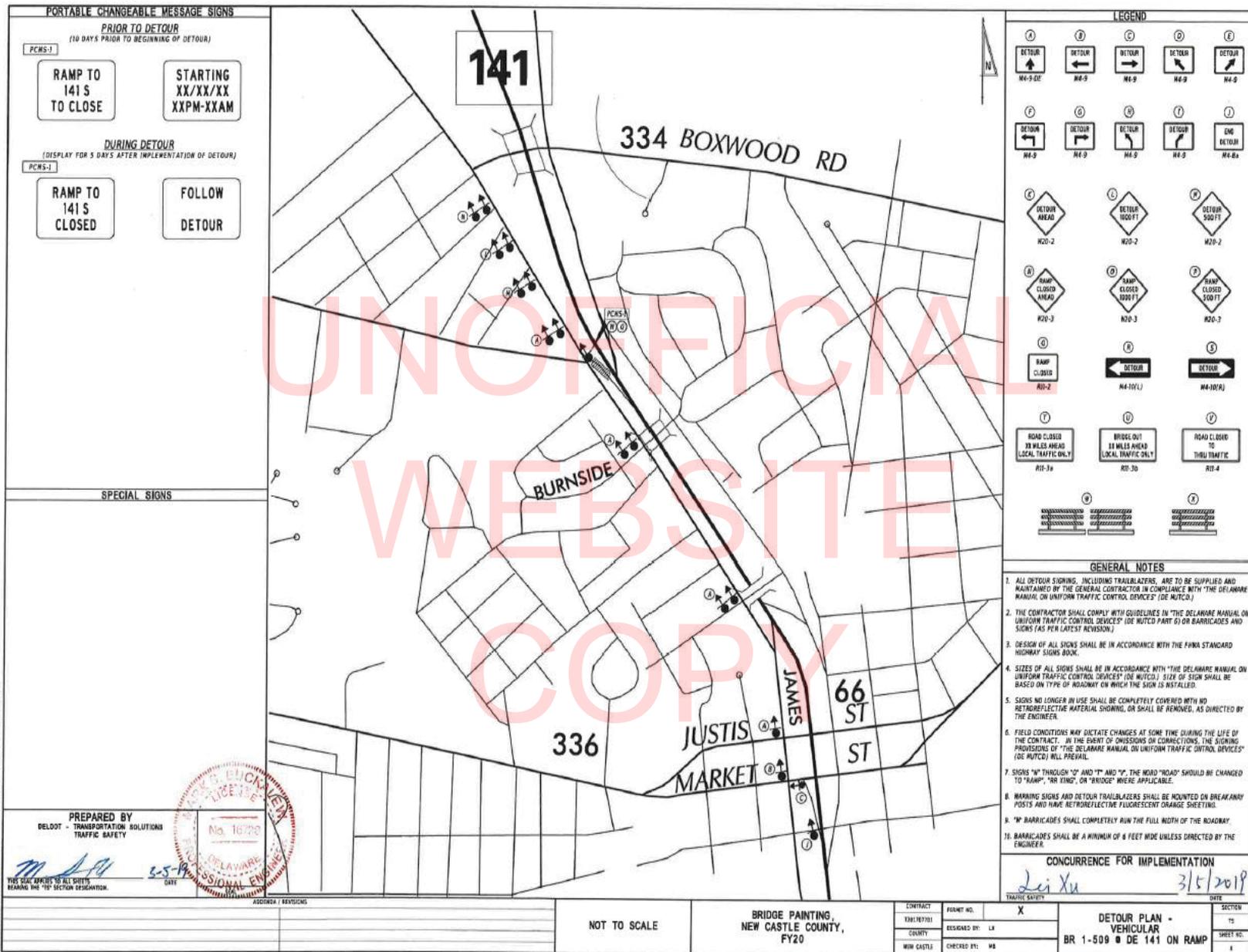
TWO YEAR APPLIES TO ALL SHEETS
MARKING THE "S" SECTION DESIGNATION



1-505 Detour Plan (141 Off Ramp)



1-509 Detour Plan (Burnside Blvd.)



PORTABLE CHANGEABLE MESSAGE SIGNS

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

PCMS-1

RAMP TO 141 S TO CLOSE

STARTING XX/XX/XX XXPM-XXAM

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

PCMS-1

RAMP TO 141 S CLOSED

FOLLOW DETOUR

SPECIAL SIGNS

PREPARED BY
DELOOT - TRANSPORTATION SOLUTIONS
TRAFFIC SAFETY

DATE: 3-5-19

PROFESSIONAL ENGINEER
No. 16792

DELAWARE

THIS PLAN APPLIES TO ALL SHEETS BEARING THE "141" SECTOR DESIGNATION.

LEGEND

A DETOUR M4-5-0E
B DETOUR M4-9
C DETOUR M4-9
D DETOUR M4-9
E DETOUR M4-9

F DETOUR M4-9
G DETOUR M4-9
H DETOUR M4-9
I DETOUR M4-9
J END DETOUR M4-8a

K DETOUR AHEAD W20-2
L DETOUR 1000 FT W20-2
M DETOUR 500 FT W20-2

N RAMP CLOSED AHEAD W20-3
O RAMP CLOSED 1000 FT W20-3
P RAMP CLOSED 500 FT W20-3

Q RAMP CLOSED M4-2
R DETOUR M4-10(L)
S DETOUR M4-10(R)

T ROAD CLOSED TO MILLS AHEAD LOCAL TRAFFIC ONLY M1-1a
U BRIDGE OUT TO MILLS AHEAD LOCAL TRAFFIC ONLY M1-3b
V ROAD CLOSED TO THRU TRAFFIC M1-4

W
X

- GENERAL NOTES**
- ALL DETOUR SIGNING, INCLUDING TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE WITH "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD).
 - THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD PART 6) OR BARRICADES AND SIGNS (AS PER LATEST REVISION).
 - DESIGN OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE FHWA STANDARD HIGHWAY SIGNS BOOK.
 - SIZES OF ALL SIGNS SHALL BE IN ACCORDANCE WITH "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD). SIZE OF SIGN SHALL BE BASED ON TYPE OF ROADWAY ON WHICH THE SIGN IS INSTALLED.
 - SIGNS NO LONGER IN USE SHALL BE COMPLETELY COVERED WITH NO RETROREFLECTIVE MATERIAL SHOWING, OR SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER.
 - FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD) WILL PREVAIL.
 - SIGNS "W" THROUGH "Q" AND "T" AND "P", THE WORD "ROAD" SHOULD BE CHANGED TO "RAMP", "RR YARD", OR "BRIDGE" WHERE APPLICABLE.
 - WARNING SIGNS AND DETOUR TRAILBLAZERS SHALL BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT ORANGE SHEETING.
 - "W" BARRICADES SHALL COMPLETELY RUN THE FULL WIDTH OF THE ROADWAY.
 - BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
- CONCURRENCE FOR IMPLEMENTATION
TRAFFIC SAFETY: Lei Xu
DATE: 3/5/2019

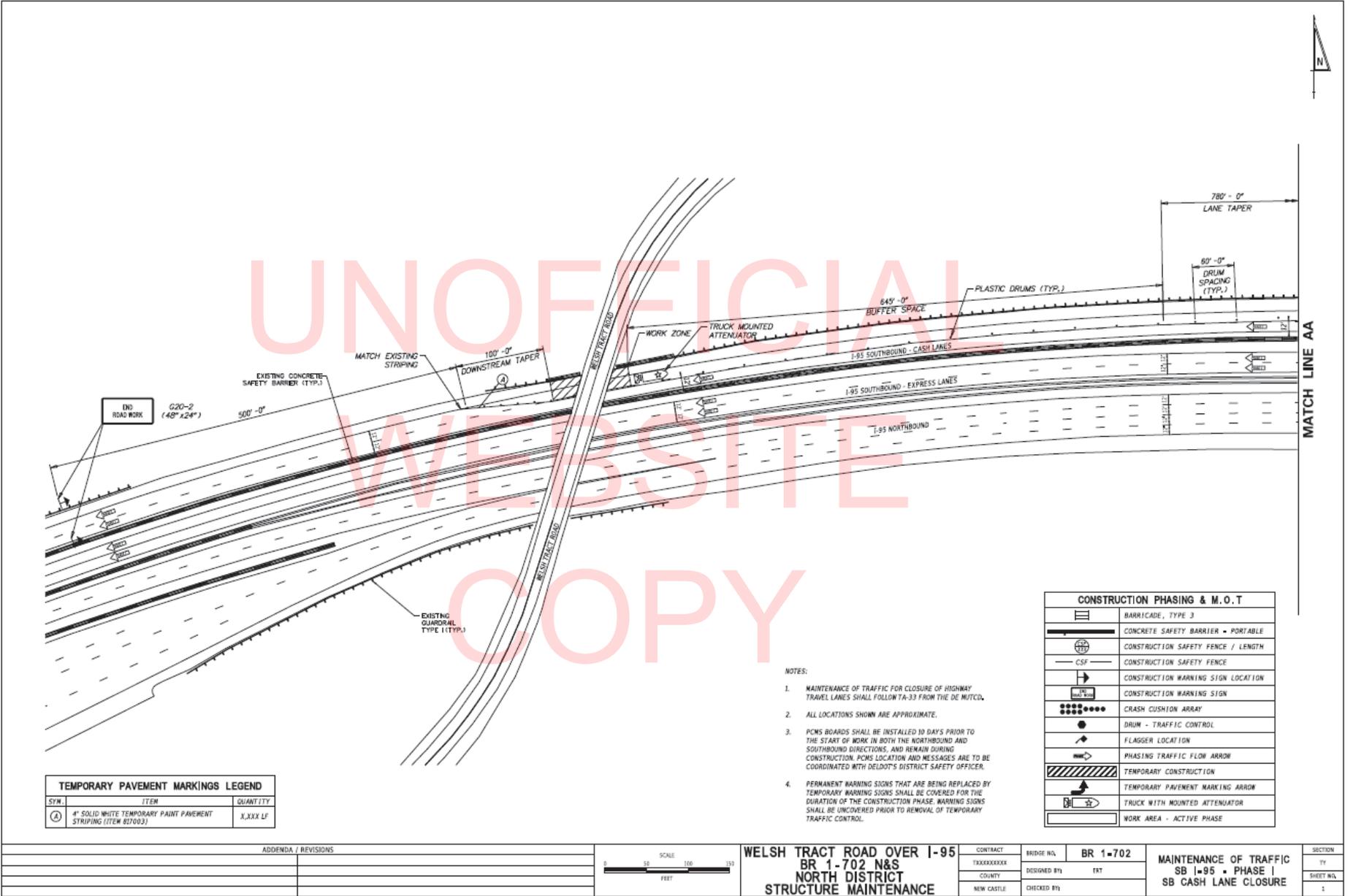
1-509 Detour Plan (141 On Ramp)

ASSEMBLER / REVISIONS	NOT TO SCALE	BRIDGE PAINTING, NEW CASTLE COUNTY, FY20	CONTRACT T201807701	PROJECT NO. X	SECTION 75
			COUNTY NEW CASTLE	DESIGNED BY LK	SHEET NO. 1
			CHECKED BY MB	DETOUR PLAN - VEHICULAR BR 1-509 ■ DE 141 ON RAMP	

Maintenance of Traffic Plans for BR 1-702

Welsh Tract Road over I-95

UNOFFICIAL
WEBSITE
COPY



TEMPORARY PAVEMENT MARKINGS LEGEND		
SYN.	ITEM	QUANTITY
①	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 827003)	X,XXX LF

- NOTES:
1. MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE MUTCD.
 2. ALL LOCATIONS SHOWN ARE APPROXIMATE.
 3. PCMS BOARDS SHALL BE INSTALLED 10 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PCMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
 4. PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.

CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS

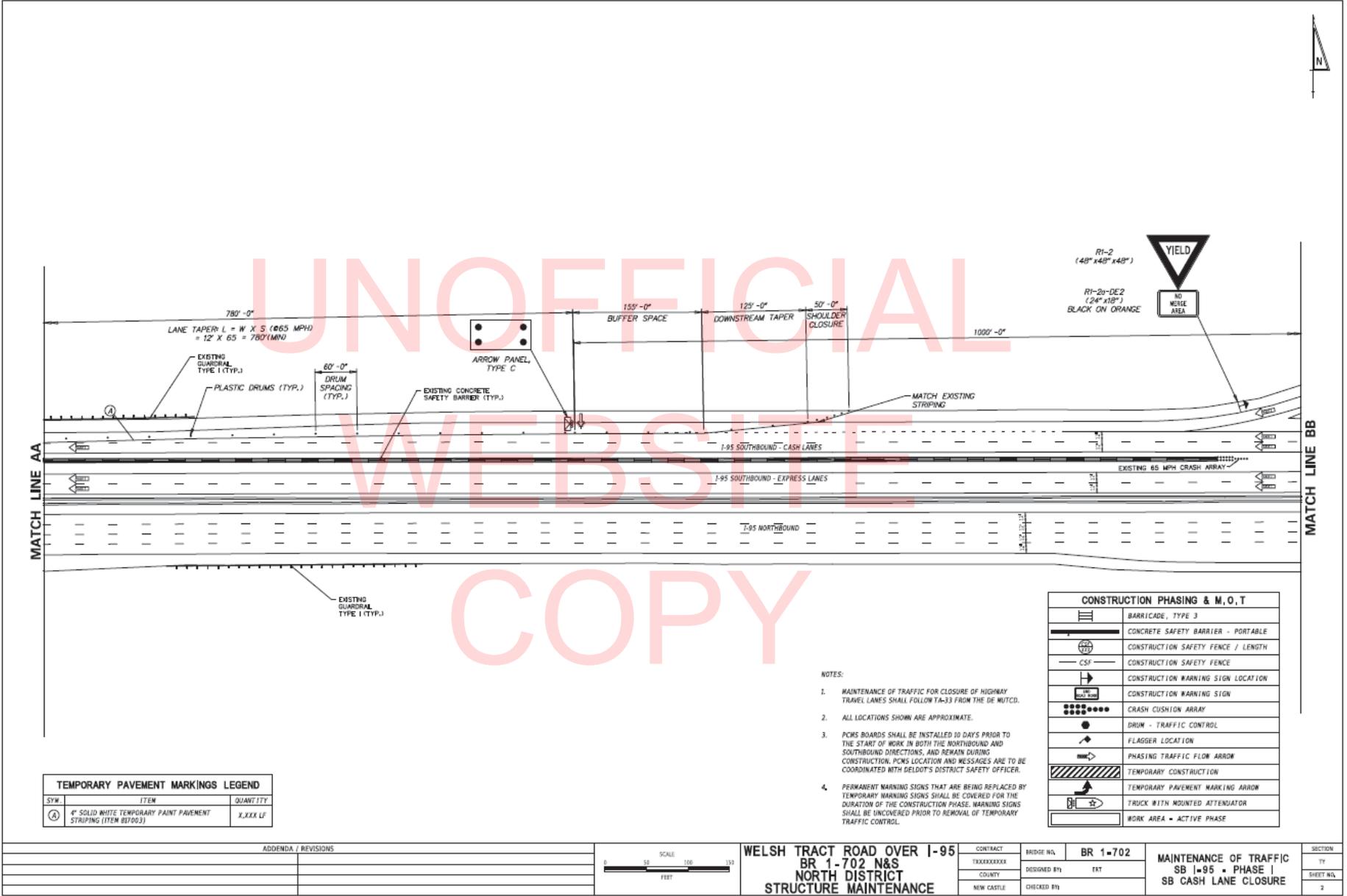


**WELSH TRACT ROAD OVER I-95
BR 1-702 N&S
NORTH DISTRICT
STRUCTURE MAINTENANCE**

CONTRACT	BRIDGE NO.	BR 1-702
TXKXXXXXXXX	DESIGNED BY	ERT
COUNTY	CHECKED BY	
NEW CASTLE		

**MAINTENANCE OF TRAFFIC
SB I-95 - PHASE I
SB CASH LANE CLOSURE**

SECTION
TY
SHEET NO.
1



TEMPORARY PAVEMENT MARKINGS LEGEND		
SYW	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY FINE PAVEMENT STRIPING (ITEM 67003)	X,XXX LF

- NOTES:
1. MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE MUTCD.
 2. ALL LOCATIONS SHOWN ARE APPROXIMATE.
 3. PCMS BOARDS SHALL BE INSTALLED 10 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PCMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
 4. PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.

CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS	

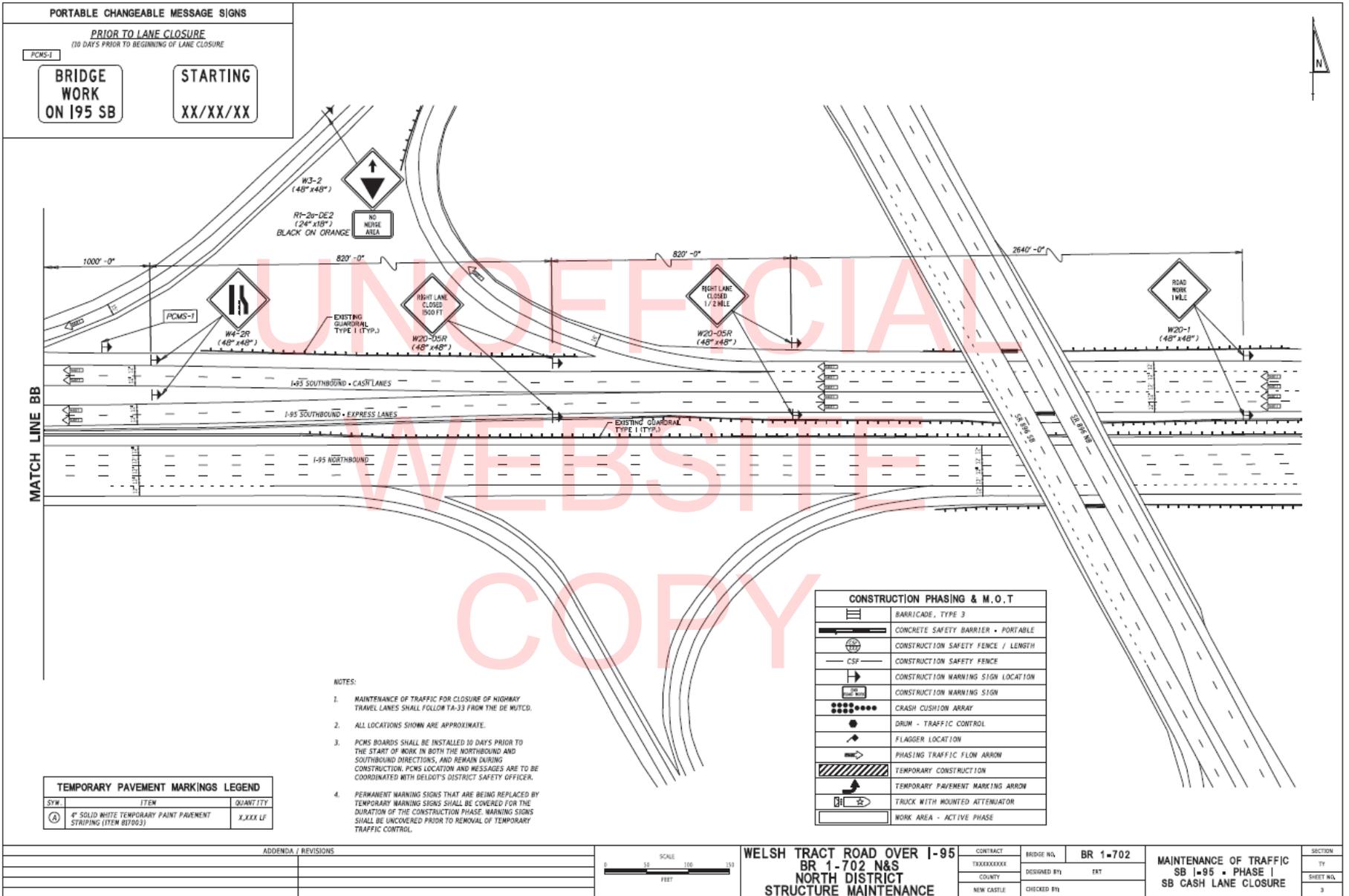


WELSH TRACT ROAD OVER I-95
BR 1-702 N&S
NORTH DISTRICT
STRUCTURE MAINTENANCE

CONTRACT	BRIDGE NO.	BR 1-702
TXXXXXXXXX	DESIGNED BY	EXT
COUNTY	CHECKED BY	
NEW CASTLE		

MAINTENANCE OF TRAFFIC
SB I-95 - PHASE 1
SB CASH LANE CLOSURE

SECTION	TY
SHEET NO.	2



PORTABLE CHANGEABLE MESSAGE SIGNS
PRIOR TO LANE CLOSURE
 (10 DAYS PRIOR TO BEGINNING OF LANE CLOSURE)

PCMS-1

BRIDGE WORK ON I95 SB

STARTING XX/XX/XX

- NOTES:**
1. MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE WUTCO.
 2. ALL LOCATIONS SHOWN ARE APPROXIMATE.
 3. PCMS BOARDS SHALL BE INSTALLED 10 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PCMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
 4. PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.

TEMPORARY PAVEMENT MARKINGS LEGEND

SYM.	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM B17003)	X,XXX LF

CONSTRUCTION PHASING & M.O.T

	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

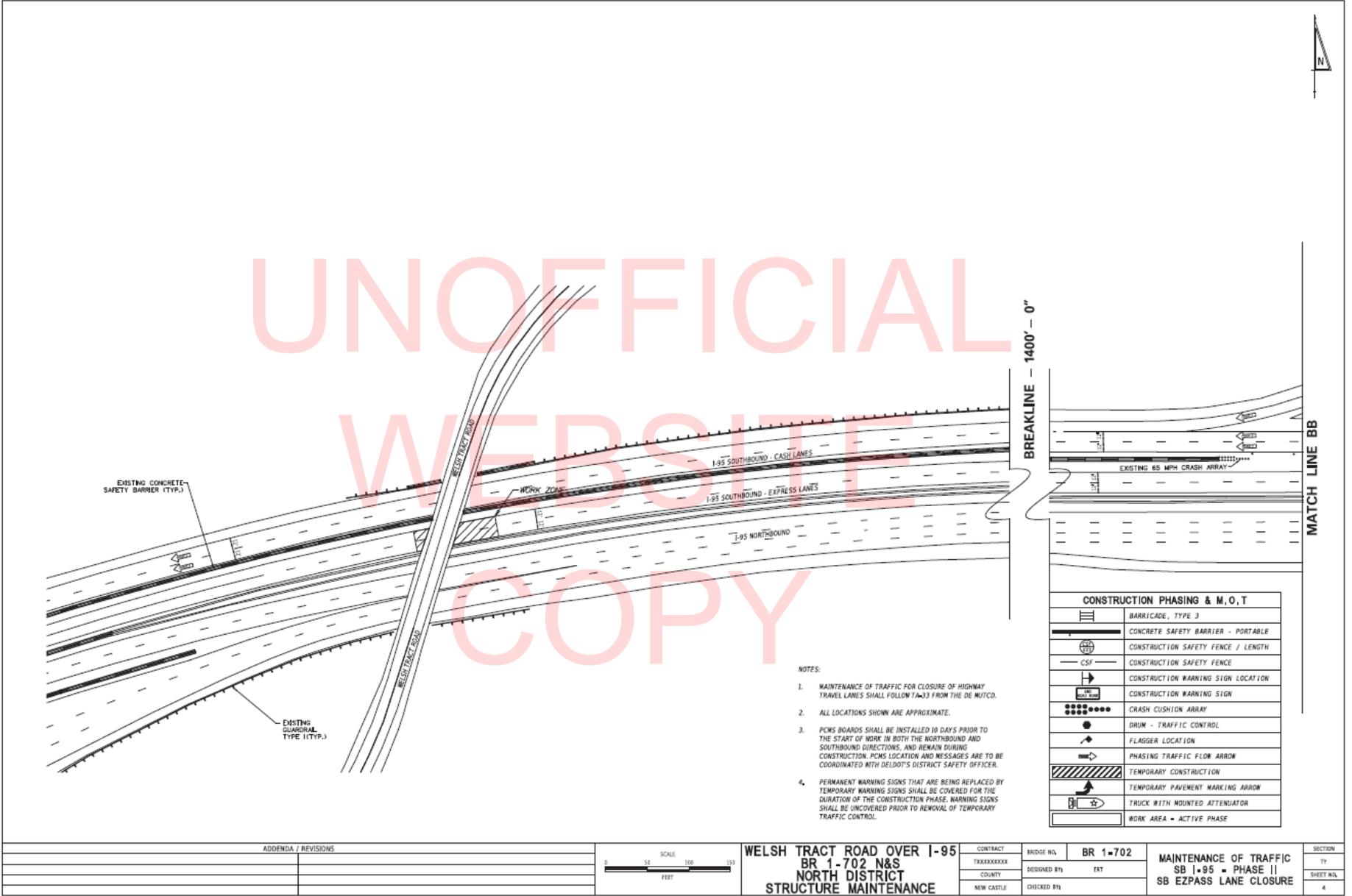


**WELSH TRACT ROAD OVER I-95
 BR 1-702 N&S
 NORTH DISTRICT
 STRUCTURE MAINTENANCE**

CONTRACT	BRIDGE NO.	BR 1-702
TXXXXXXXX	DESIGNED BY:	EAT
COUNTY	CHECKED BY:	
NEW CASTLE		

**MAINTENANCE OF TRAFFIC
 SB I-95 - PHASE I
 SB CASH LANE CLOSURE**

SECTION
TY
SHEET NO.
3

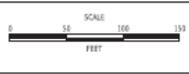


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WEBSITE
COPY

- NOTES:
1. MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW 7A-33 FROM THE DE MUTCO.
 2. ALL LOCATIONS SHOWN ARE APPROXIMATE.
 3. PCMS BOARDS SHALL BE INSTALLED 10 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PCMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
 4. PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.

CONSTRUCTION PHASING & M, O, T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS	

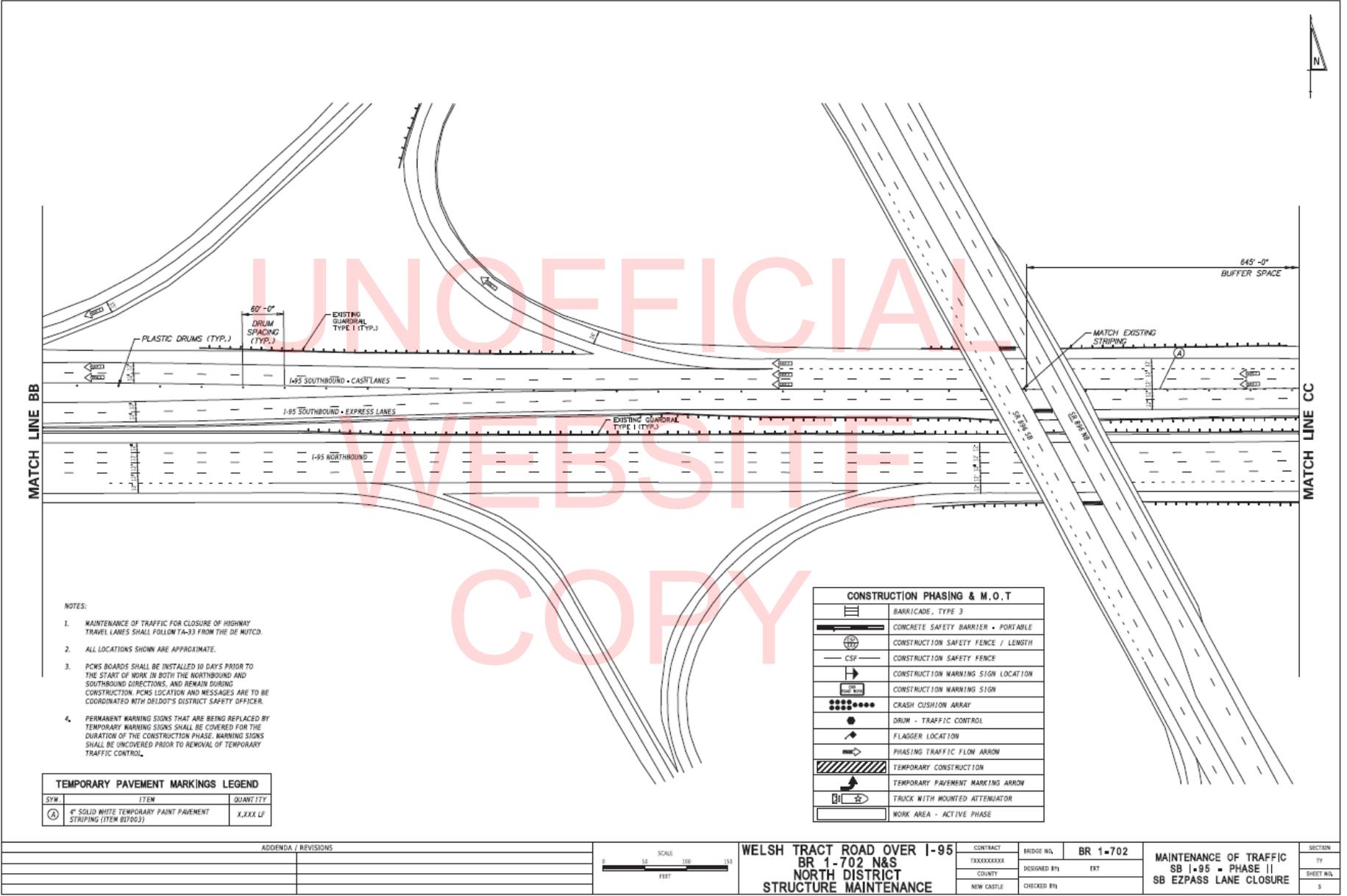


**WELSH TRACT ROAD OVER I-95
BR 1-702 N&S
NORTH DISTRICT
STRUCTURE MAINTENANCE**

CONTRACT	BRIDGE NO.	BR 1-702
XXXXXXXXXX	DESIGNED BY	ERT
COUNTY	CHECKED BY	
NEW CASTLE		

**MAINTENANCE OF TRAFFIC
SB I-95 - PHASE II
SB EZPASS LANE CLOSURE**

SECTION	TY
SHEET NO.	4



NOTES:

1. MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE MUTCD.
2. ALL LOCATIONS SHOWN ARE APPROXIMATE.
3. PCMS BOARDS SHALL BE INSTALLED 10 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PCMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
4. PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.

TEMPORARY PAVEMENT MARKINGS LEGEND

SYM.	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM B77023)	X,XXX LF

CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS

NO.	DATE	DESCRIPTION

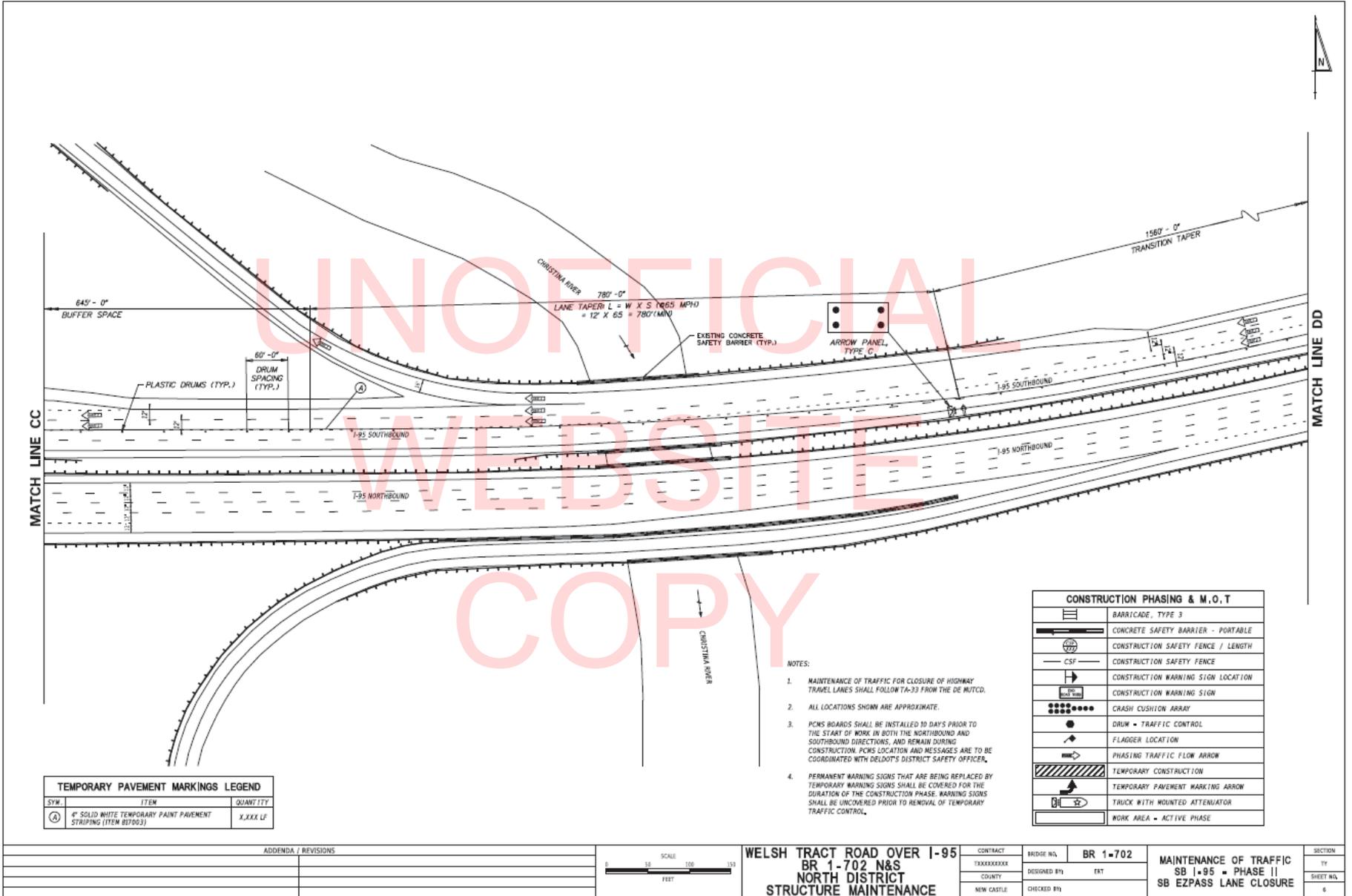


WELSH TRACT ROAD OVER I-95
BR 1-702 N&S
NORTH DISTRICT
STRUCTURE MAINTENANCE

CONTRACT	BRIDGE NO.	BR 1-702
DESIGNED BY	EST	
CHECKED BY		

MAINTENANCE OF TRAFFIC
SB I-95 - PHASE II
SB EZPASS LANE CLOSURE

SECTION
TY
SHEET NO.
5



TEMPORARY PAVEMENT MARKINGS LEGEND		
SYM.	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM B17053)	X,XXX LF

- NOTES:
1. MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE MUTCD.
 2. ALL LOCATIONS SHOWN ARE APPROXIMATE.
 3. PCMS BOARDS SHALL BE INSTALLED 30 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PCMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
 4. PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.

CONSTRUCTION PHASING & M.O.T	
	BARRICADE - TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS

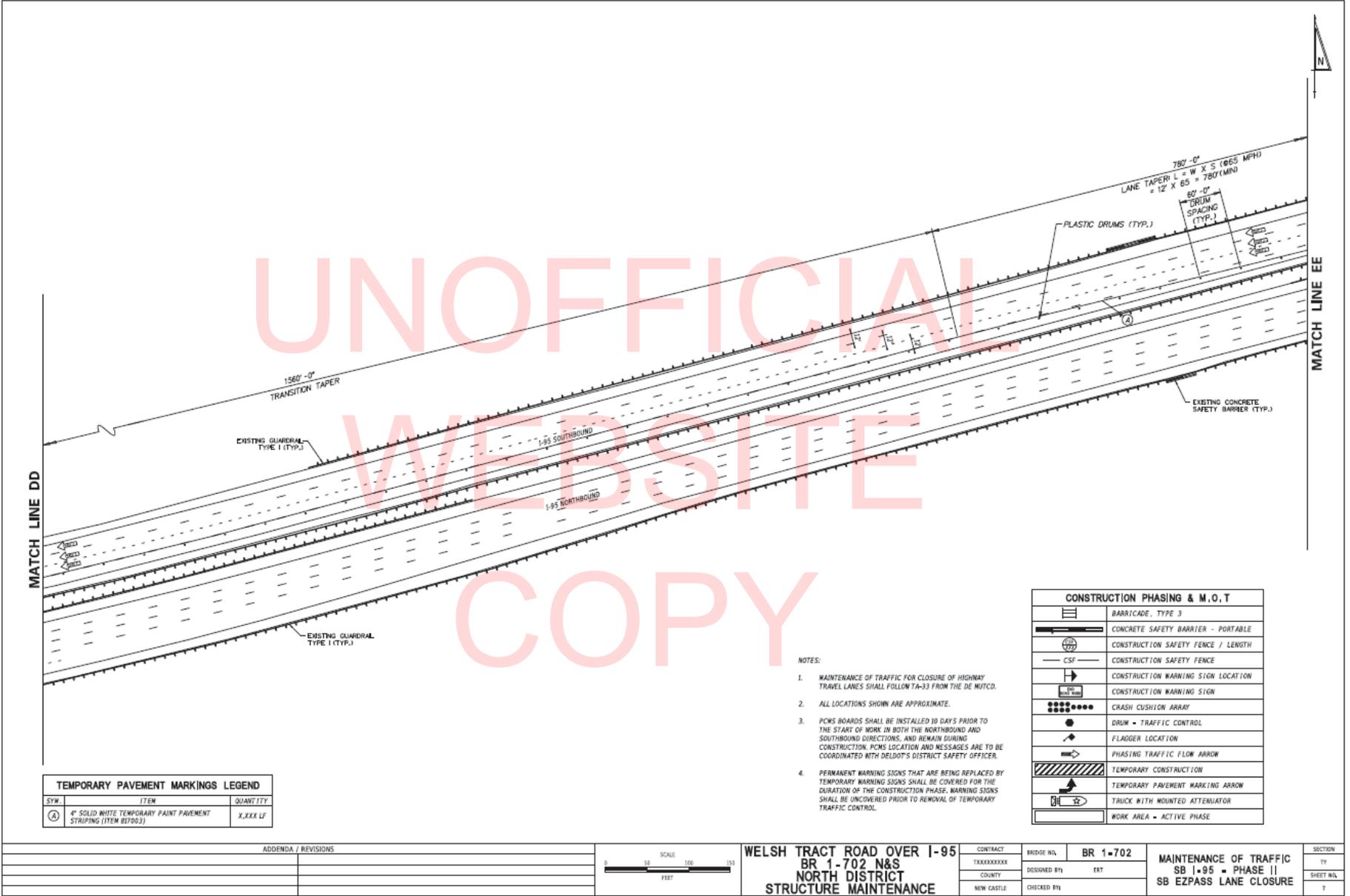


WELSH TRACT ROAD OVER I-95
BR 1-702 N&S
NORTH DISTRICT
STRUCTURE MAINTENANCE

CONTRACT	BRIDGE NO.	BR 1-702
TEXASDOT	DESIGNED BY	EST
COUNTY	CHECKED BY	
NEW CASTLE		

MAINTENANCE OF TRAFFIC
SB I-95 - PHASE II
SB EZPASS LANE CLOSURE

SECTION	TY
	6



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WEBSITE
COPY

TEMPORARY PAVEMENT MARKINGS LEGEND		
SYM.	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM B17003)	X,XXX LF

- NOTES:
1. MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE MUTCD.
 2. ALL LOCATIONS SHOWN ARE APPROXIMATE.
 3. PCWS BOARDS SHALL BE INSTALLED 10 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PCMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
 4. PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.

CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS

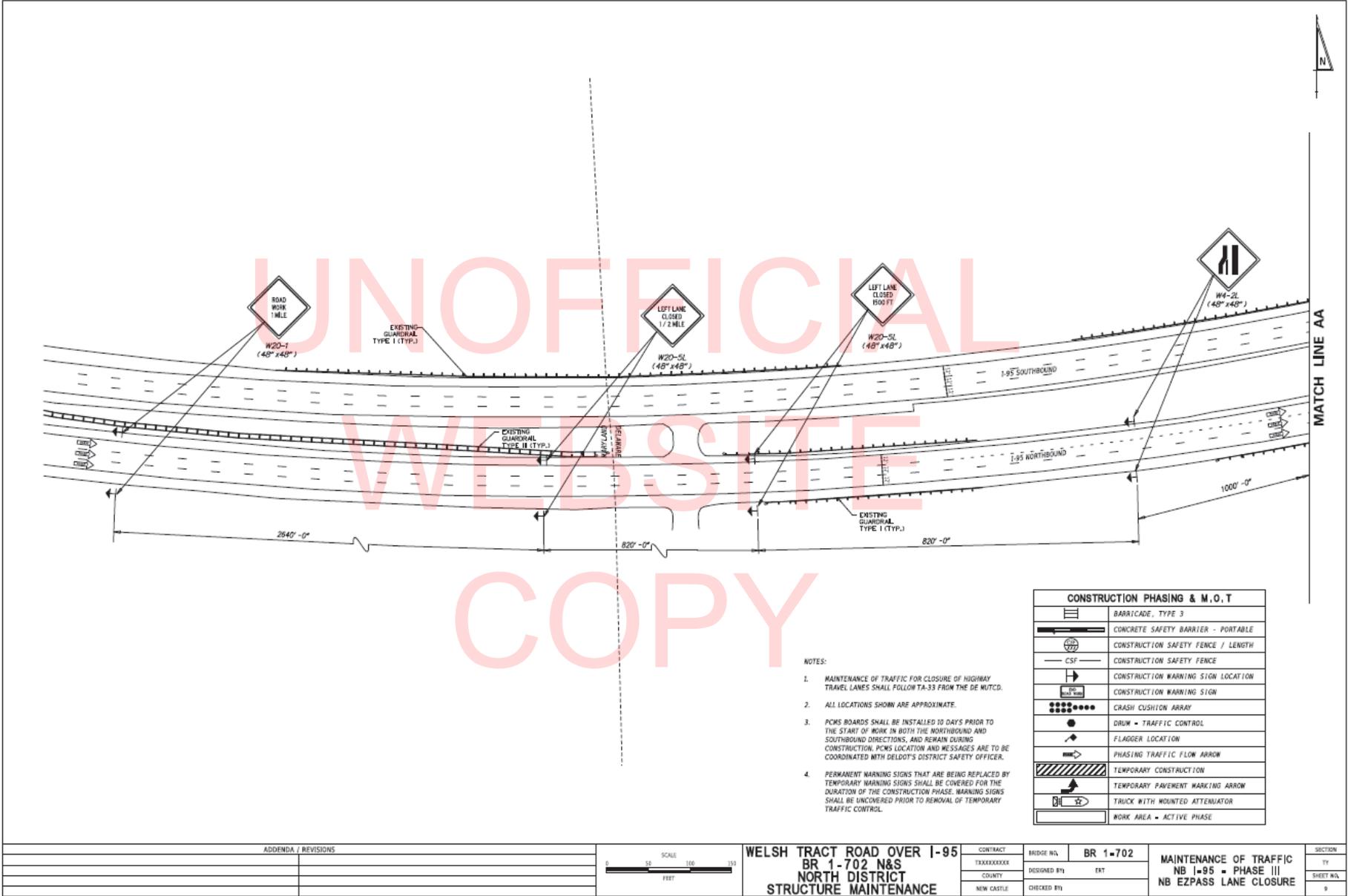


**WELSH TRACT ROAD OVER I-95
BR 1-702 N&S
NORTH DISTRICT
STRUCTURE MAINTENANCE**

CONTRACT	BRIDGE NO.	BR 1-702
TEXXXXXXXXX	DESIGNED BY:	ERT
COUNTY	NEW CASTLE	CHECKED BY:

**MAINTENANCE OF TRAFFIC
SB I-95 - PHASE II
SB EZPASS LANE CLOSURE**

SECTION	7
TY	
SHEET NO.	7



- NOTES:
1. MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE MUTCD.
 2. ALL LOCATIONS SHOWN ARE APPROXIMATE.
 3. PCMS BOARDS SHALL BE INSTALLED 10 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PCMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
 4. PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.

CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS

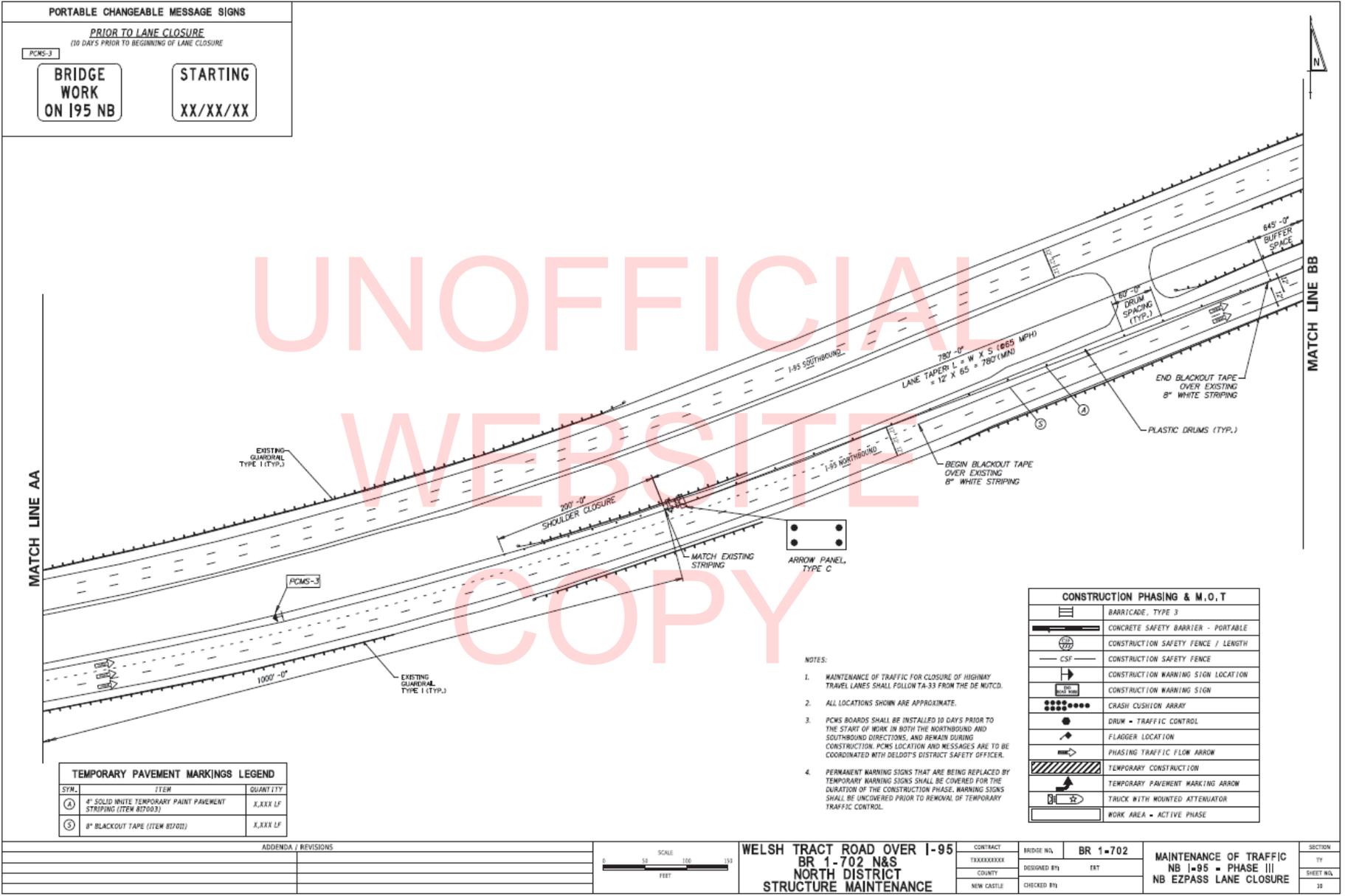


**WELSH TRACT ROAD OVER I-95
BR 1-702 N&S
NORTH DISTRICT
STRUCTURE MAINTENANCE**

CONTRACT	BRIDGE NO.	BR 1-702
TXXXXXXXXX	DESIGNED BY:	ERT
COUNTY	CHECKED BY:	
NEW CASTLE		

MAINTENANCE OF TRAFFIC NB I-95 - PHASE III NB EZPASS LANE CLOSURE
--

SECTION
TY
SHEET NO.
9



PORTABLE CHANGEABLE MESSAGE SIGNS	
PRIOR TO LANE CLOSURE (10 DAYS PRIOR TO BEGINNING OF LANE CLOSURE)	
PCMS-3	
BRIDGE WORK ON I95 NB	STARTING XX/XX/XX

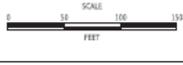
UNOFFICIAL WEBSITE COPY

SYM.	ITEM	QUANTITY
④	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 807003)	X,XXX LF
⑤	8" BLACKOUT TAPE (ITEM 807001)	X,XXX LF

- NOTES:
- MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE MUTCD.
 - ALL LOCATIONS SHOWN ARE APPROXIMATE.
 - PCMS BOARDS SHALL BE INSTALLED 10 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PCMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
 - PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.

CONSTRUCTION PHASING & M.O.T	
	BARRICADE - TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS	

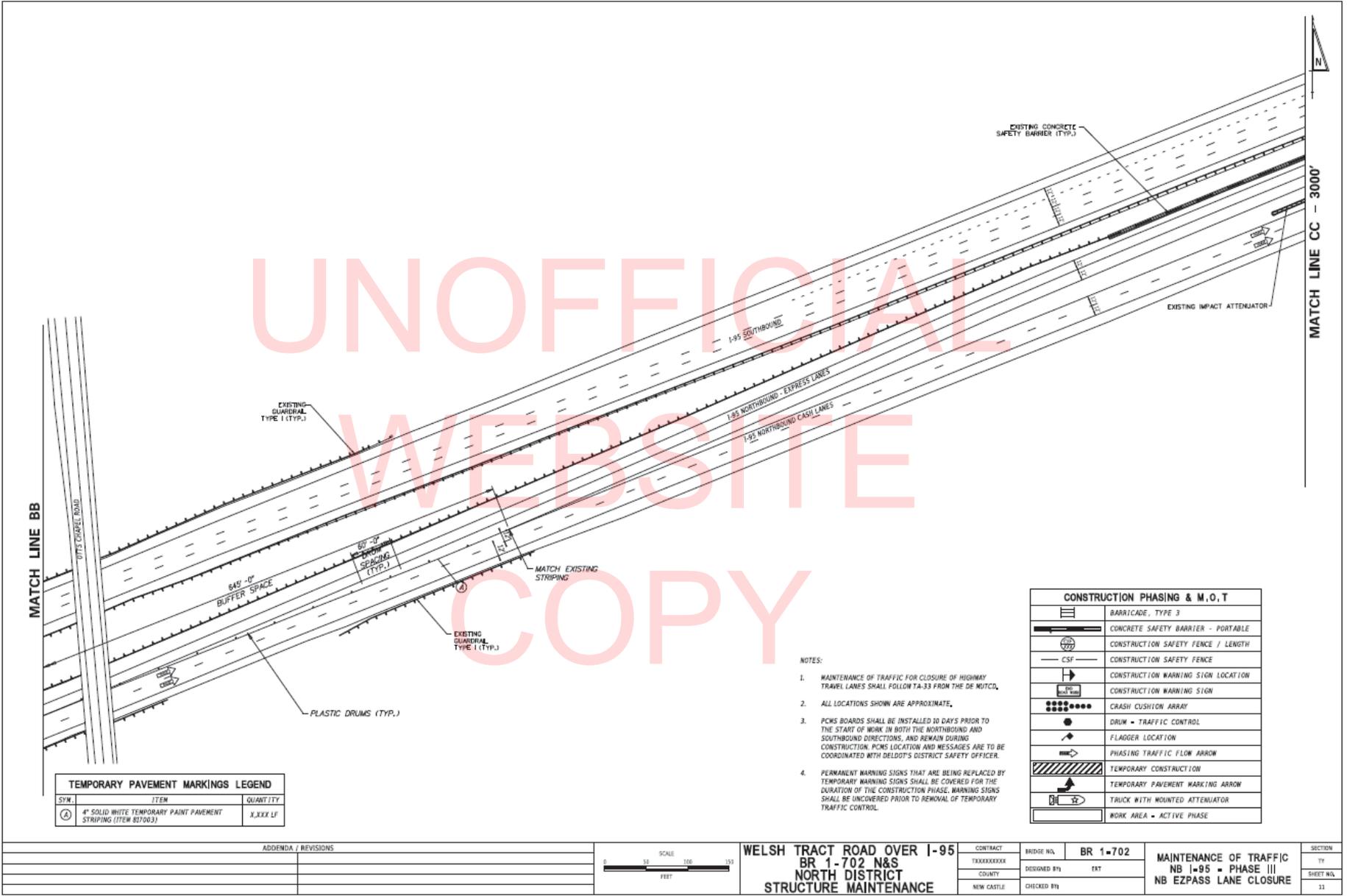


**WELSH TRACT ROAD OVER I-95
BR 1-702 N&S
NORTH DISTRICT
STRUCTURE MAINTENANCE**

CONTRACT	BRIDGE NO.	BR 1-702
XXXXXXXXXX	DESIGNED BY	FTT
COUNTY	CHECKED BY	
NEW CASTLE		

**MAINTENANCE OF TRAFFIC
NB I-95 - PHASE III
NB EZPASS LANE CLOSURE**

SECTION	TY
	SHEET NO.
	18



UNOFFICIAL
WEBSITE
COPY

TEMPORARY PAVEMENT MARKINGS LEGEND		
SYM.	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 827003)	X,XXX LF

NOTES:

1. MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE MUTCD.
2. ALL LOCATIONS SHOWN ARE APPROXIMATE.
3. PCMS BOARDS SHALL BE INSTALLED IN DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PCMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
4. PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.

CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS	

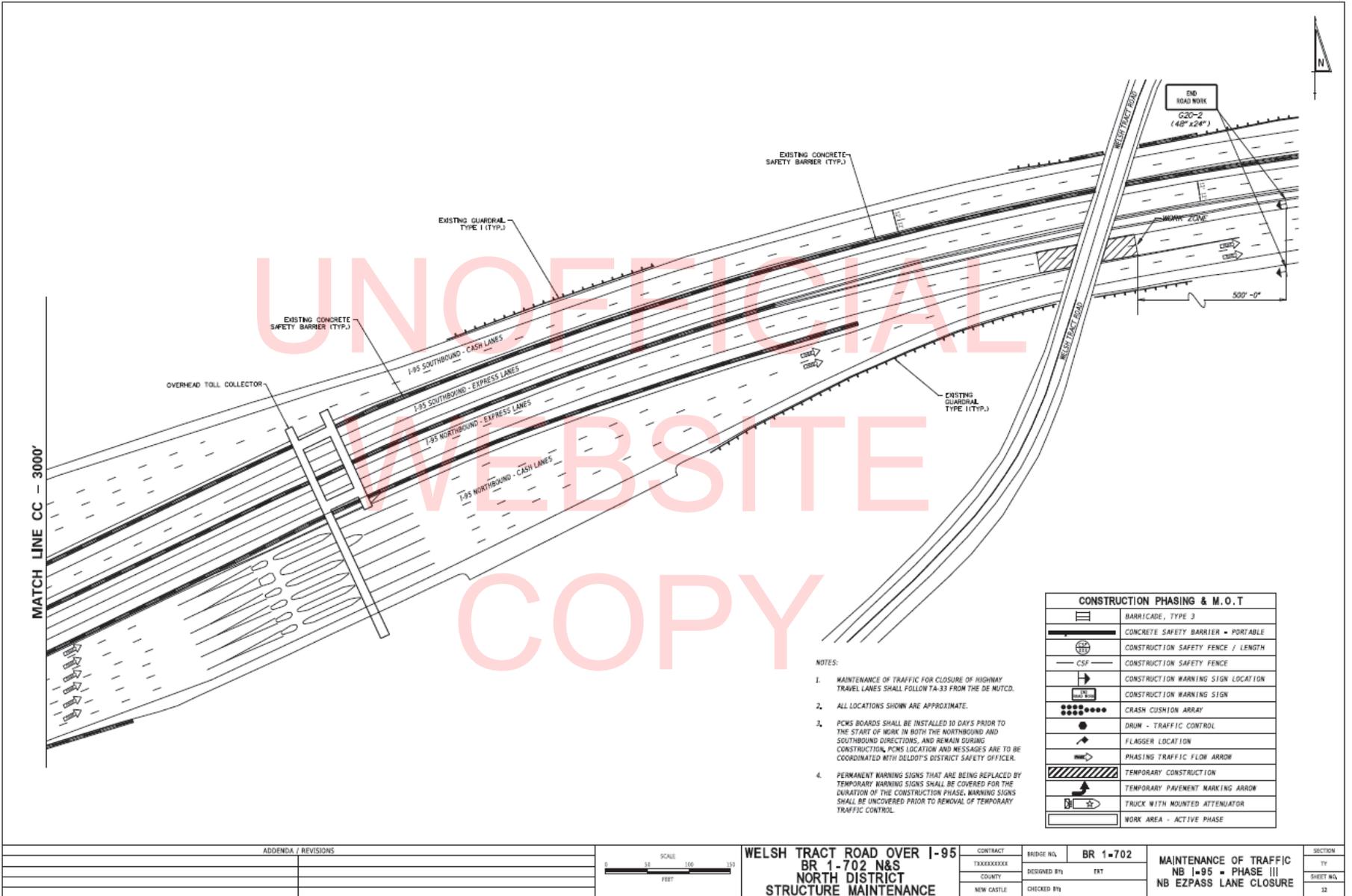


**WELSH TRACT ROAD OVER I-95
BR 1-702 N&S
NORTH DISTRICT
STRUCTURE MAINTENANCE**

CONTRACT	BRIDGE NO.	BR 1-702
TXXXXXXXXX	DESIGNED BY	ERT
COUNTY	CHECKED BY	
NEW CASTLE		

**MAINTENANCE OF TRAFFIC
NB I-95 - PHASE III
NB EZPASS LANE CLOSURE**

SECTION
TY
SHEET NO.
11



- NOTES:
1. MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE MUTCD.
 2. ALL LOCATIONS SHOWN ARE APPROXIMATE.
 3. PCMS BOARDS SHALL BE INSTALLED 10 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PCMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
 4. PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.

CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS	

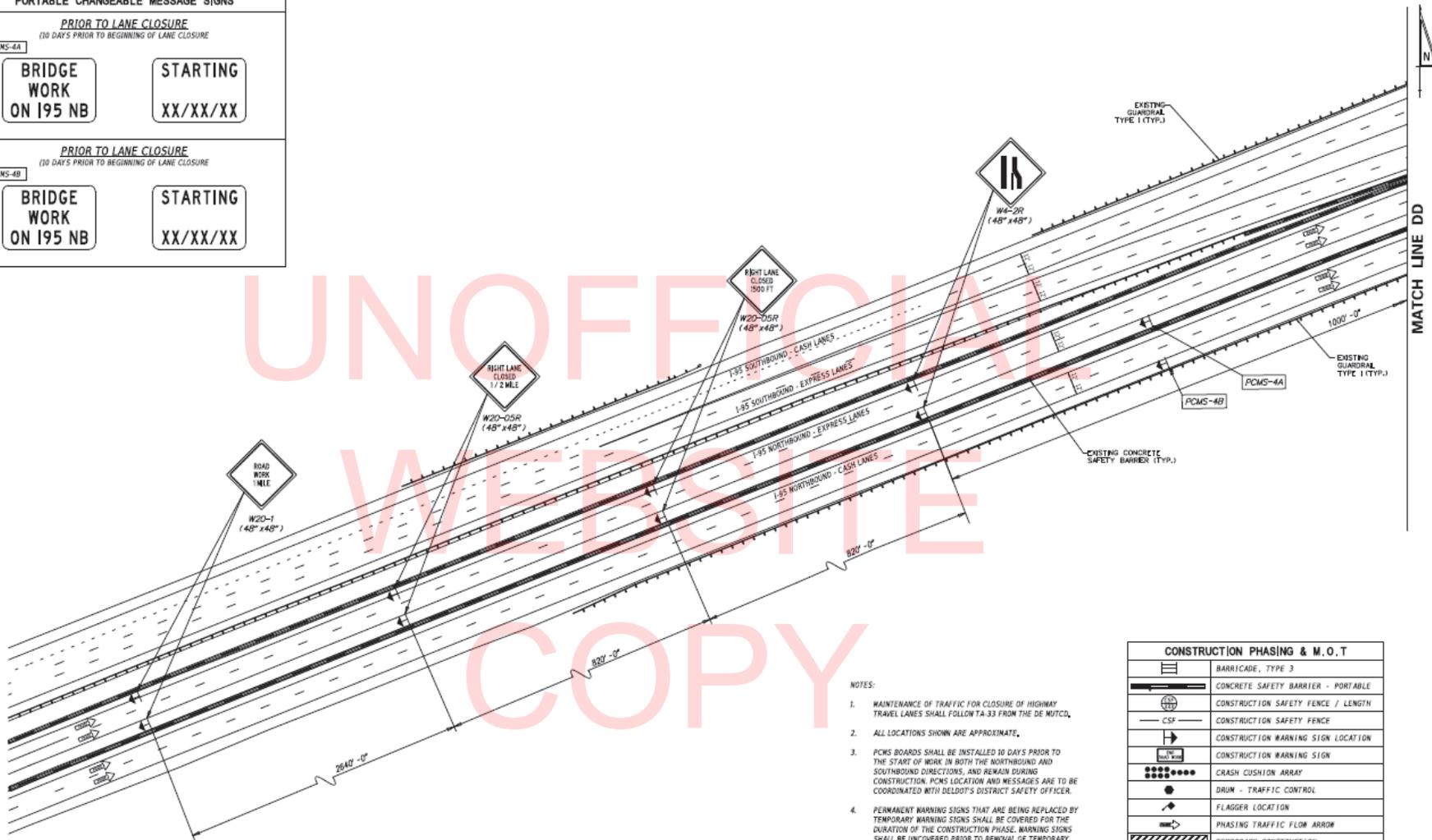


**WELSH TRACT ROAD OVER I-95
BR 1-702 N&S
NORTH DISTRICT
STRUCTURE MAINTENANCE**

CONTRACT	BRIDGE NO.	BR 1-702
TXXXXXXXXX	DESIGNED BY:	EXT
COUNTY	CHECKED BY:	
NEW CASTLE		

SECTION	TY
MAINTENANCE OF TRAFFIC NB I-95 - PHASE III NB EZPASS LANE CLOSURE	SHEET NO. 12

PORTABLE CHANGEABLE MESSAGE SIGNS	
PRIOR TO LANE CLOSURE (10 DAYS PRIOR TO BEGINNING OF LANE CLOSURE)	
PCMS-4A BRIDGE WORK ON I95 NB	STARTING XX/XX/XX
PRIOR TO LANE CLOSURE (10 DAYS PRIOR TO BEGINNING OF LANE CLOSURE)	
PCMS-4B BRIDGE WORK ON I95 NB	STARTING XX/XX/XX

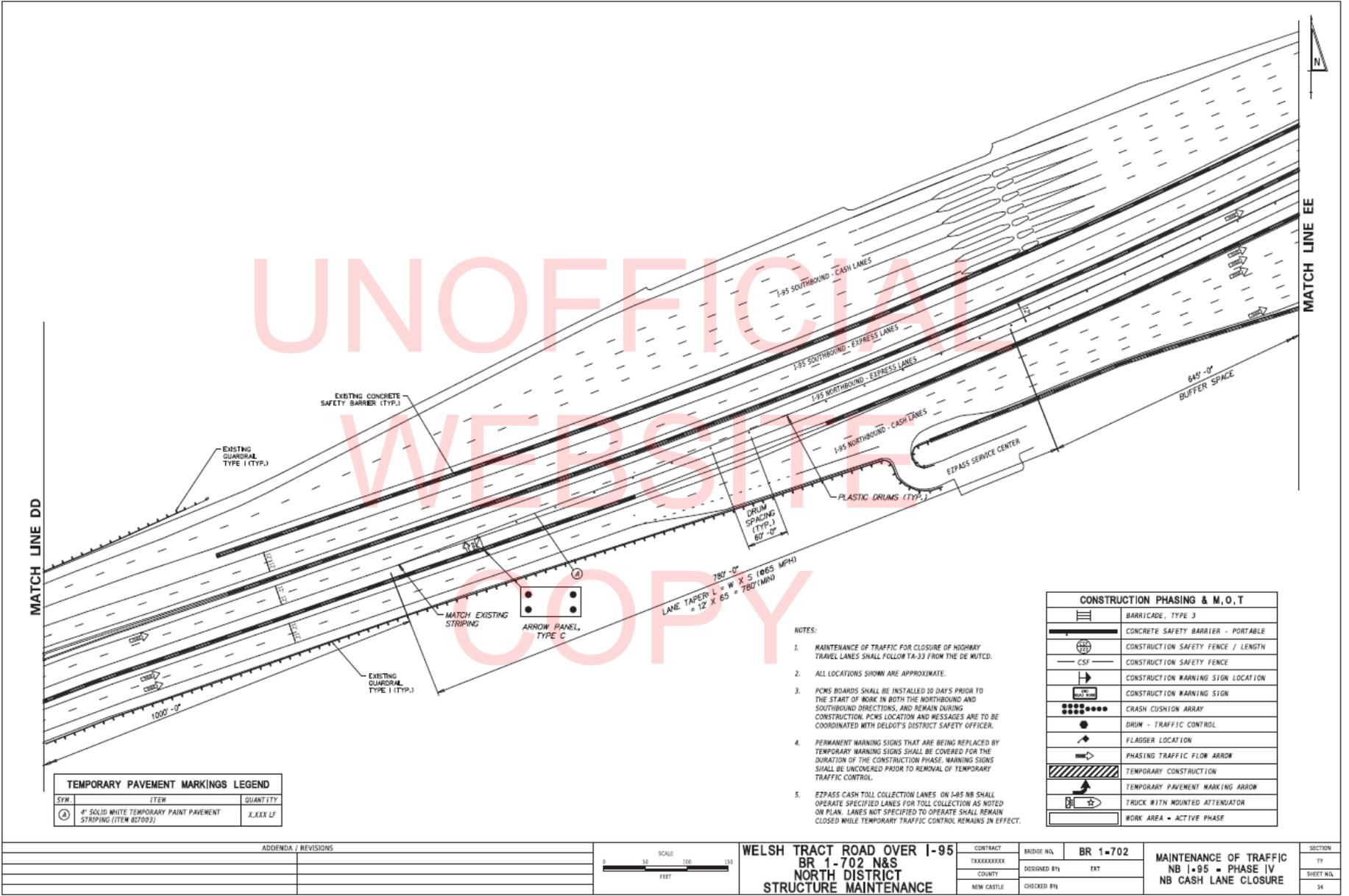


SYM.	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 81700.3)	X,XXX LF

- NOTES:
- MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE MUTCO.
 - ALL LOCATIONS SHOWN ARE APPROXIMATE.
 - PCMS BOARDS SHALL BE INSTALLED 10 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PCMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
 - PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.
 - EXPRESS CASH TOLL COLLECTION LANES ON I-95 NB SHALL OPERATE SPECIFIED LANES FOR TOLL COLLECTION AS NOTED ON PLAN. LANES NOT SPECIFIED TO OPERATE SHALL REMAIN CLOSED WHILE TEMPORARY TRAFFIC CONTROL REMAINS IN EFFECT.

	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS	SCALE 0 50 100 150 FEET	WELSH TRACT ROAD OVER I-95 BR 1-702 N&S NORTH DISTRICT STRUCTURE MAINTENANCE	CONTRACT: TEXXXXXXXXXX COUNTY: NEW CASTLE BRIDGE NO: BR 1-702 DESIGNED BY: EST CHECKED BY:	MAINTENANCE OF TRAFFIC NB I-95 - PHASE IV NB CASH LANE CLOSURE	SECTION: 7F SHEET NO: 13
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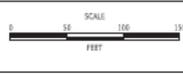


TEMPORARY PAVEMENT MARKINGS LEGEND		
SYM.	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 82700)	X,XXX LF

- NOTES:
1. MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE MUTCD.
 2. ALL LOCATIONS SHOWN ARE APPROXIMATE.
 3. PMS BOARDS SHALL BE INSTALLED 10 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION. PMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
 4. PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.
 5. EIPASS CASH TOLL COLLECTION LANES ON I-95 NB SHALL OPERATE SPECIFIED LANES FOR TOLL COLLECTION AS NOTED ON PLAN. LANES NOT SPECIFIED TO OPERATE SHALL REMAIN CLOSED WHILE TEMPORARY TRAFFIC CONTROL REMAINS IN EFFECT.

CONSTRUCTION PHASING & M, O, T	
	BARRICADE - TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

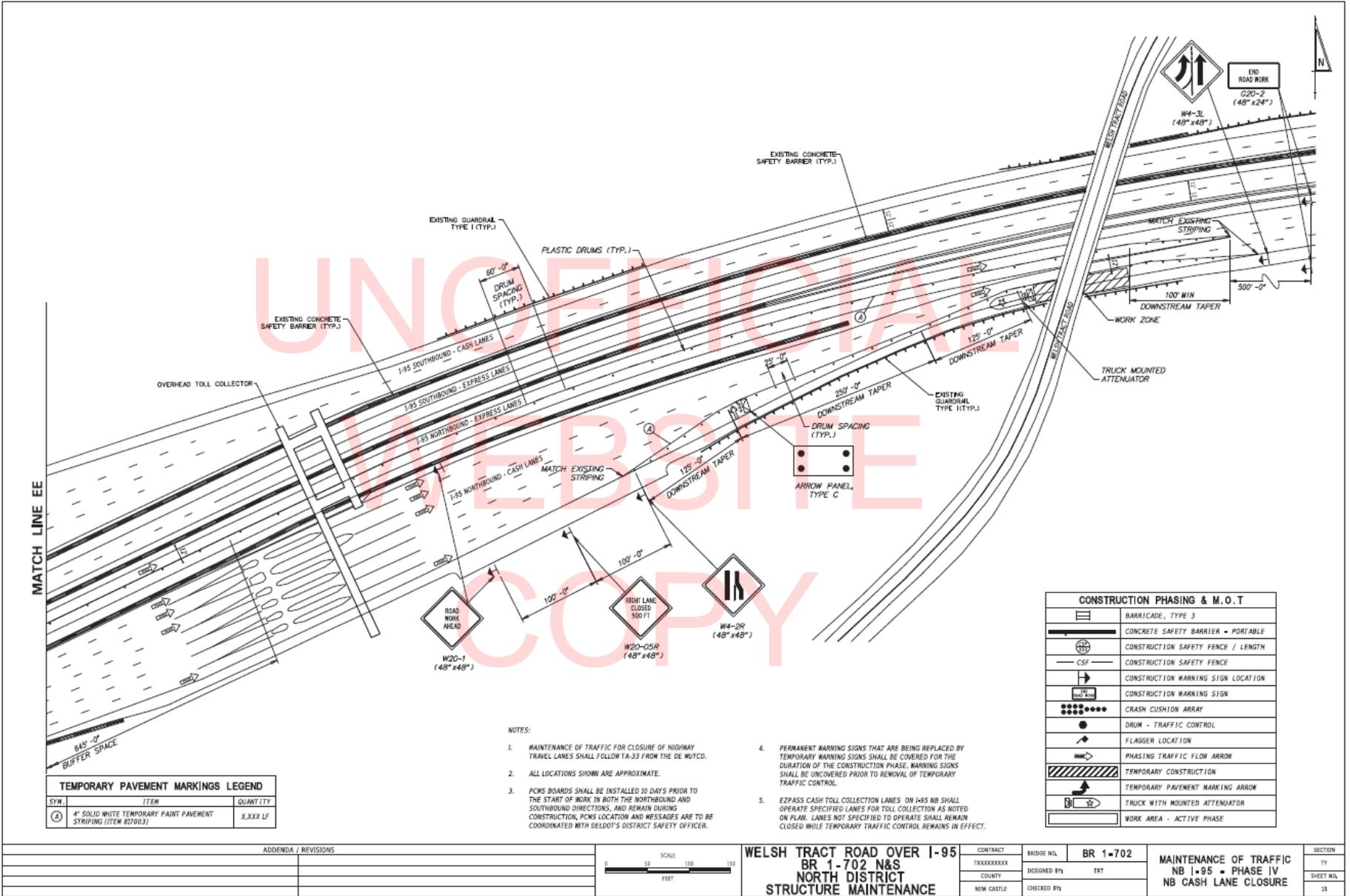
ADDENDA / REVISIONS	



**WELSH TRACT ROAD OVER I-95
BR 1-702 N&S
NORTH DISTRICT
STRUCTURE MAINTENANCE**

CONTRACT	BRIDGE NO.	BR 1-702
TEXXXXXXXXX	DESIGNED BY	EST
COUNTY	CHECKED BY	
NEW CASTLE		

MAINTENANCE OF TRAFFIC NB I-95 - PHASE IV NB CASH LANE CLOSURE	SECTION TY SHEET NO. 14
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TEMPORARY PAVEMENT MARKINGS LEGEND

SYM.	ITEM	QUANTITY
①	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 827003)	X,XXX LF

NOTES:

1. MAINTENANCE OF TRAFFIC FOR CLOSURE OF HIGHWAY TRAVEL LANES SHALL FOLLOW TA-33 FROM THE DE MUTED.
2. ALL LOCATIONS SHOWN ARE APPROXIMATE.
3. POMS BOARDS SHALL BE INSTALLED 10 DAYS PRIOR TO THE START OF WORK IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS, AND REMAIN DURING CONSTRUCTION, POMS LOCATION AND MESSAGES ARE TO BE COORDINATED WITH DELDOT'S DISTRICT SAFETY OFFICER.
4. PERMANENT WARNING SIGNS THAT ARE BEING REPLACED BY TEMPORARY WARNING SIGNS SHALL BE COVERED FOR THE DURATION OF THE CONSTRUCTION PHASE. WARNING SIGNS SHALL BE UNCOVERED PRIOR TO REMOVAL OF TEMPORARY TRAFFIC CONTROL.
5. EZPASS CASH TOLL COLLECTION LANES ON I-95 NB SHALL OPERATE SPECIFIED LANES FOR TOLL COLLECTION AS NOTED ON PLAN. LANES NOT SPECIFIED TO OPERATE SHALL REMAIN CLOSED WHILE TEMPORARY TRAFFIC CONTROL REMAINS IN EFFECT.

CONSTRUCTION PHASING & M.O.T

	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS



**WELSH TRACT ROAD OVER I-95
BR 1-702 N&S
NORTH DISTRICT
STRUCTURE MAINTENANCE**

CONTRACT	BRIDGE NO.	BR 1-702
TEXXXXXXXXX	DESIGNED BY	EST
COUNTY	CHECKED BY	
NEW CASTLE		

**MAINTENANCE OF TRAFFIC
NB I-95 - PHASE IV
NB CASH LANE CLOSURE**

SECTION	15
TY	
SHEET NO.	