

**Open End Pedestrian Access
Routes and Sidewalk Improvements,
New Castle County
FY20-FY23**

Contract Number: T201901401

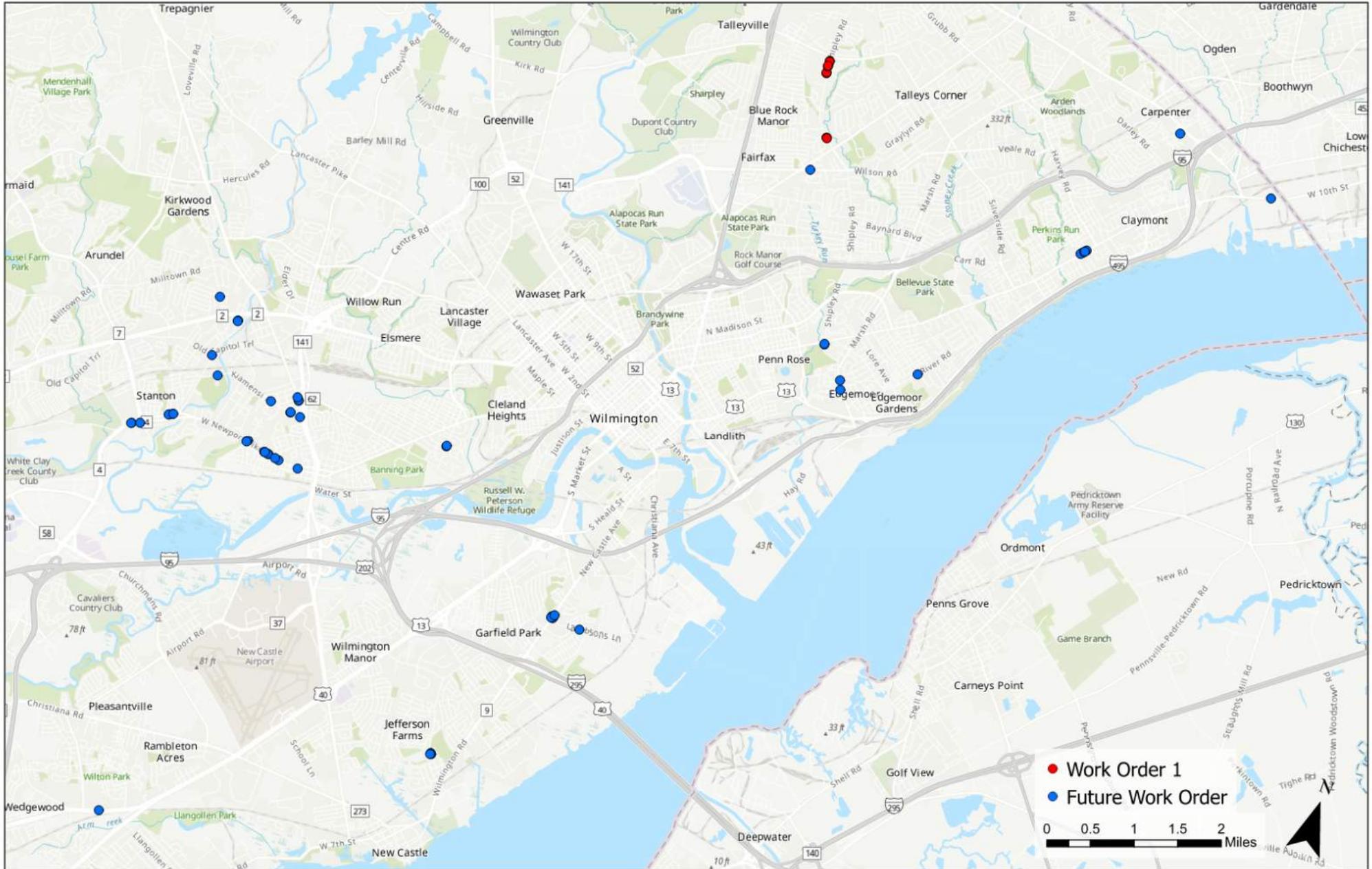
Mandatory Pre-Bid Meeting

June 15, 2020 at 10am

Meeting Agenda

- ❖ **Contract Administration Presentation**
- ❖ **Introduction and Roll Call**
- ❖ **Project Description and Locations**
 - » **Present and Discuss Location Map**
- ❖ **Project Details**
 - » **Sample Plan Presentation**
 - » **Special Provisions**
 - » **Project MOT Needs**
- ❖ **Addendum #1**
- ❖ **Bidding Deadlines and Upcoming Dates**
- ❖ **Contractor Questions**
- ❖ **Final Roll Call and Closing**

Project Descriptions and Locations



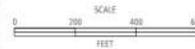
Project Details – Sample Plan Presentation (Cont.)



INDEX OF SHEETS		
SECTION	SHEET DESCRIPTION	SHEET NO(S)
PLANNING	TITLE	1
PLANNING	INDEX OF SHEETS	2
PLANNING	ADDENDA AND REVISIONS	3
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PLANNING	SHIPLEY RD & KAMMARER DR	7
PLANNING	SHIPLEY RD & FRANCIS LN	8
PLANNING	SHIPLEY RD & KENDALL CT	9
PLANNING	SHIPLEY RD & ELGIN LN	10
PLANNING	CONSTRUCTION DETAILS	11



ADDENDA / REVISIONS



PEDESTRIAN ACCESS ROUTES AND SIDEWALK IMPROVEMENTS, NEW CASTLE COUNTY FY20-FY23

CONTRACT	BRIDGE NO.	N/A
T201901401	DESIGNED BY:	AB
COUNTY	CHECKED BY:	TF
NEW CASTLE		

PLAN SHEET INDEX

SECTION
PLANNING
SHEET NO.
2

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APPENDIX / REVISIONS

SCALE NOT NOTED

PEDESTRIAN ACCESS ROUTES AND SIDEWALK IMPROVEMENTS, NEW CASTLE COUNTY FY20-FY23

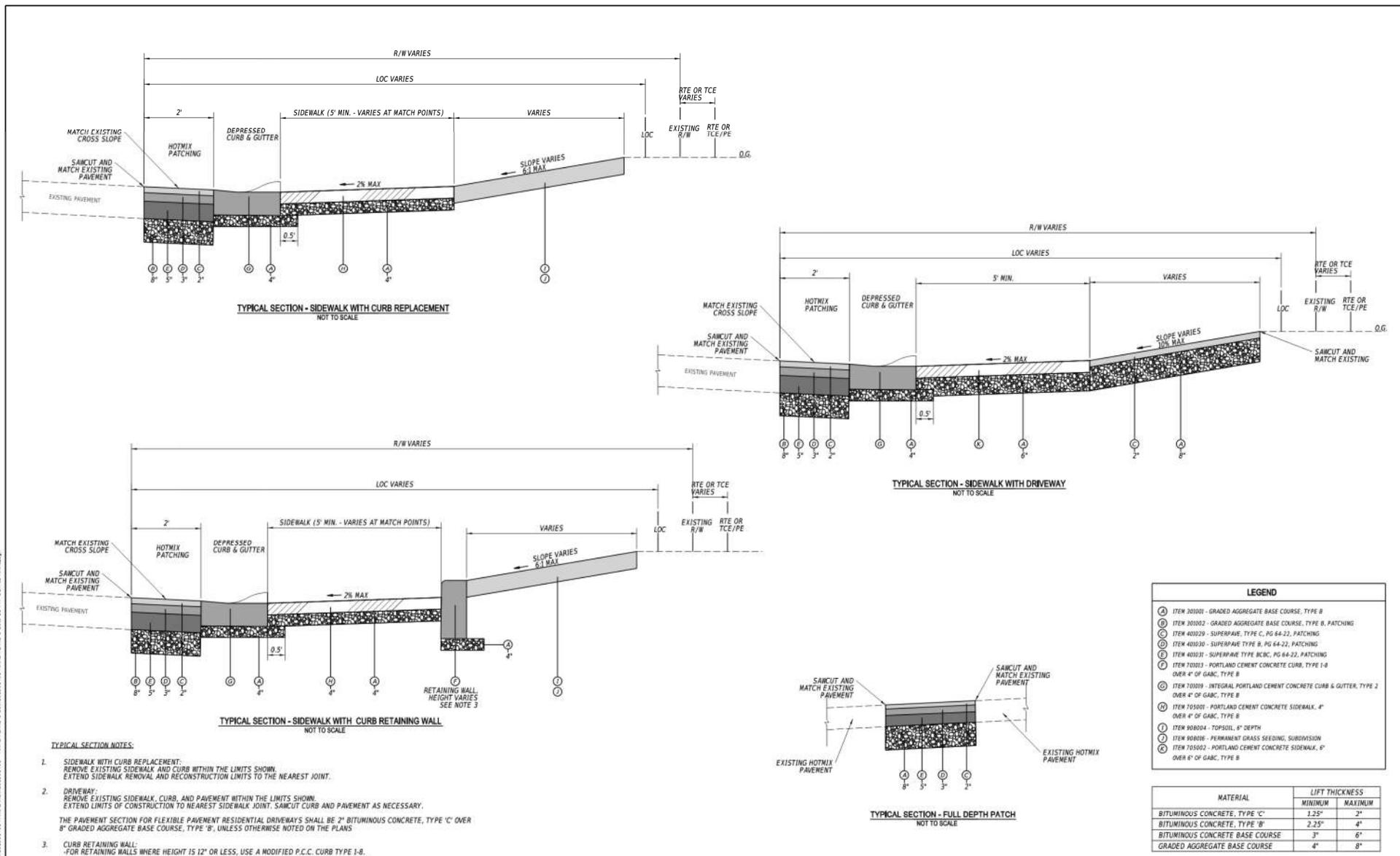
CONTRACT	BRIDGE NO.	N/A
T201901401	DESIGNED BY:	AB
COUNTY	CHECKED BY:	TF
NEW CASTLE		

LEGEND

SECTION
PLANNING
SHEET NO.
4

Contract: T201901401

Project Details – Sample Plan Presentation (Cont.)



ADDENDA / REVISIONS

NOT TO SCALE

PEDESTRIAN ACCESS ROUTES AND SIDEWALK IMPROVEMENTS, NEW CASTLE COUNTY FY20-FY23

CONTRACT	BRIDGE NO.	N/A
T201901401	DESIGNED BY:	AB
COUNTY	CHECKED BY:	TF
NEW CASTLE		

TYPICAL SECTIONS

SECTION
PLANNING
SHEET NO.
6

Contract: T201901401

Project Details – Sample Plan Presentation (Cont.)



LOCATION MAP
SCALE: 1" = 50'

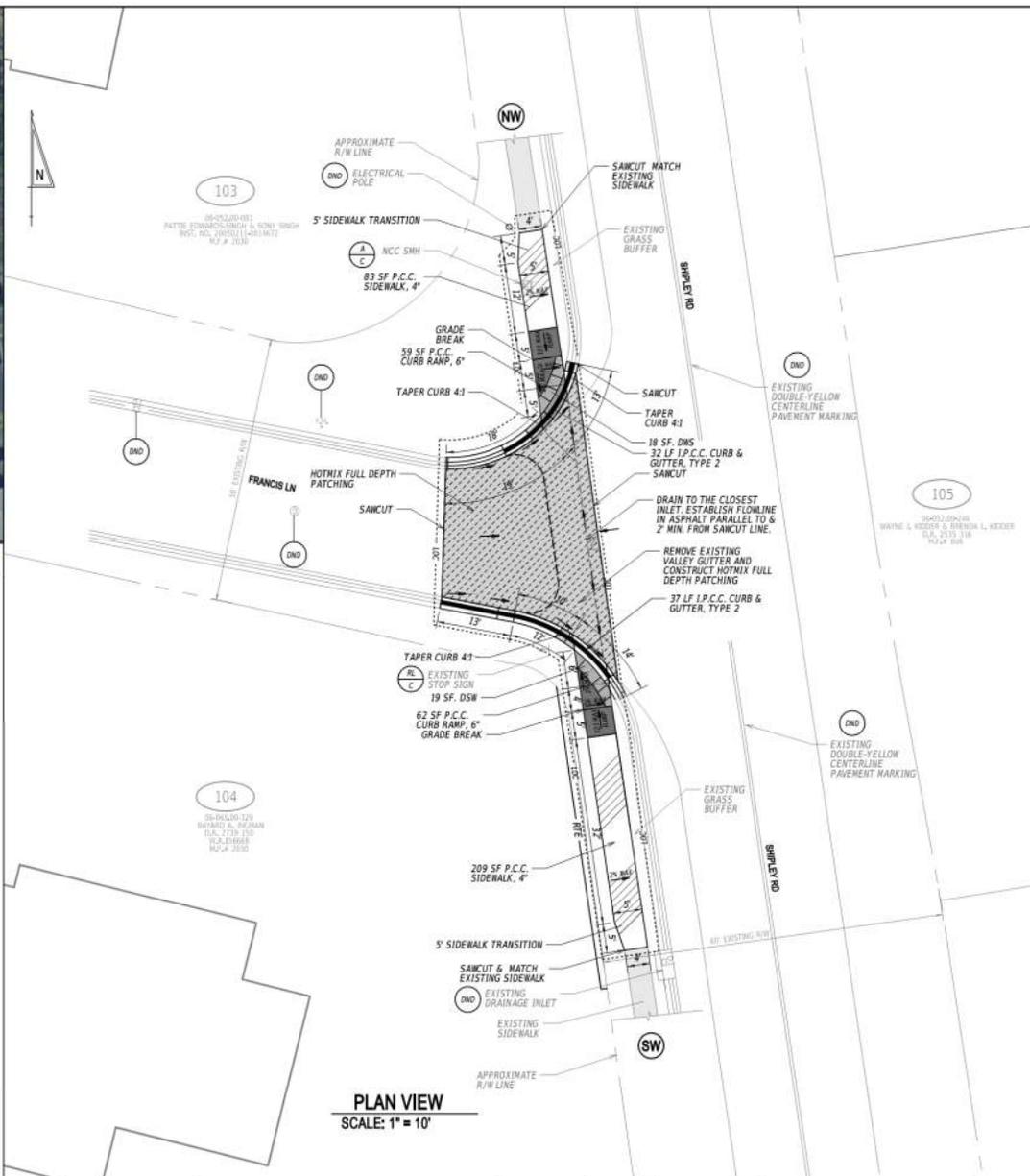
NOTES:

- WHERE A RIGHT TO ENTER (RTE) LINE IS DESIGNATED ON THE PLANS, IT INDICATES LOCATIONS WHERE THE DEPARTMENT ALREADY HAS THE RIGHT, UNDER DELAWARE CODE, TO ENTER ONTO PRIVATE PROPERTY TO MAINTAIN, REPAIR OR RECONSTRUCT FACILITIES USED BY THE PUBLIC AND MAINTAINED AT PUBLIC EXPENSE.
- REMOVE EXISTING SIDEWALK AND CURB WITHIN THE LIMITS SHOWN. EXTEND SIDEWALK REMOVAL AND RECONSTRUCTION LIMITS TO THE NEAREST JOINT, SAW CUT CURB AND PAVEMENT AS NECESSARY.
- THE CONTRACTOR SHALL STAKE ALL GRADES TO ENSURE POSITIVE DRAINAGE PRIOR TO CONSTRUCTION. ALL GRADES MUST BE APPROVED BY THE ENGINEER IN THE FIELD PRIOR TO CONSTRUCTION. ALL WORK REQUIRED FOR CALCULATING AND STAKING OF GRADES SHALL BE PAID UNDER ITEM 763622 - CONSTRUCTION ENGINEERING, PAR REHABILITATION.
- PROPOSED CURBS OR PAVEMENT THAT TIE INTO EXISTING PAVEMENT OR CURB SHALL MATCH THE EXISTING PAVEMENT OR CURB ELEVATIONS.
- SIDEWALK TO MATCH EXISTING GRADE OR AS DIRECTED IN THE FIELD BY THE ENGINEER. THE PROPOSED SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% PER ADA REGULATIONS. THE SIDEWALK SHALL BE LAID OUT FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION. ALL COSTS ARE INCIDENTAL TO THE PROJECT.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE THE PROPER CONSTRUCTION EQUIPMENT AS NECESSARY TO MEET ACCESSIBILITY REQUIREMENTS AS SET FORTH IN DELDOT'S PEDESTRIAN ACCESSIBILITY STANDARDS FOR FACILITIES IN THE PUBLIC RIGHT-OF-WAY.
- IF UNFORSEEN PHYSICAL LIMITATIONS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE ENGINEER. THE CONTRACTOR SHALL RESUME WORK ACTIVITIES AFTER THE ENGINEER DETERMINES IF THE PLAN NEEDS TO BE MODIFIED OR REVISED.

QUANTITY		
ITEM NO	ITEM DESCRIPTION / TYPE	QTY
202000	EXCAVATION & EMBANKMENT	33 CY
209006	BORROW, TYPE F	15 CY
311001	REMOVAL OF P.C.C. CURB AND SIDEWALK	101 SF
301001	GRADED AGGREGATE, BASE COURSE, TYPE B	21 CY
301002	GRADED AGGREGATE, BASE COURSE, TYPE B, PATCHING	13 CY
401029	SUPERPAVE, TYPE C, PG 64-22, PATCHING	11 TON
401030	SUPERPAVE, TYPE B, PG 64-22, PATCHING	16 TON
401031	SUPERPAVE, TYPE BCBC, PG 64-22, PATCHING	26 TON
701019	INTEGRAL P.C.C. CURB & GUTTER, TYPE 2	69 LF
705001	P.C.C. SIDEWALK, 4"	267 SF
705002	P.C.C. SIDEWALK, 6"	121 SF
705007	SIDEWALK SURFACE DETECTABLE WARNING SYSTEM	37 SF
711500	ADJUST & REPAIR EXISTING SANITARY MANHOLE	1 EA
762000	SAWCUTTING, BITUMINOUS CONCRETE	139 LF
762001	SAWCUTTING, CONCRETE, FULL DEPTH	16 LF
817013	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	20 LF
819018	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S)	2 EA
908004	TOPSOIL, 6" DEPTH	46 SY
908016	PERMANENT GRASS SEEDING, SUBDIVISION	46 SY
908020	EROSION CONTROL BLANKET MULCH	46 SY

- REFER TO STANDARD PLAN SHEETS FOR ADDITIONAL NOTES & DETAILS OF TYPE 1 TO TYPE 5 PEDESTRIAN CONNECTION.
- REFER TO STANDARD PLAN SHEETS FOR THE CONSTRUCTION OF INTEGRAL P.C.C. CURB & GUTTER, INCLUDING P.C.C. CURB & GUTTER DETAILS FOR TRANSITIONS FROM STANDARD GUTTER SLOPE TO SLOPE ON SECTIONS THAT ARE DIRECTLY IN FRONT OF CURB RAMPS.
- EXISTING RIGHT-OF-WAY SHOWN ON LOCATION MAP IS APPROXIMATE AND FOR INFORMATIONAL PURPOSE ONLY.
- IN AREAS WHERE WHITE EDGE LINES WILL BE REMOVED BECAUSE OF THE NEW CONSTRUCTION, THE CONTRACTOR SHALL REPLACE THE WHITE LINES IN KIND IN ORDER TO MATCH EXISTING CONDITIONS. THE CONTRACTOR MUST DOCUMENT EXISTING DELINEATION PRIOR TO CONSTRUCTION.

ADDENDA / REVISIONS



PLAN VIEW
SCALE: 1" = 10'

PEDESTRIAN ACCESS ROUTES AND SIDEWALK IMPROVEMENTS, NEW CASTLE COUNTY FY20-FY23

CONTRACT	BRIDGE NO.	N/A
T201901401	DESIGNED BY:	AB
COUNTY	CHECKED BY:	TF
NEW CASTLE		

CONSTRUCTION PLANS
NW & SW CORNERS OF SHIPLEY ROAD & FRANCIS LANE WILMINGTON, DE

SECTION
PLANNING
SHEET NO.
8

Contract: T201901401

Project Details – Sample Plan Presentation (Cont.)



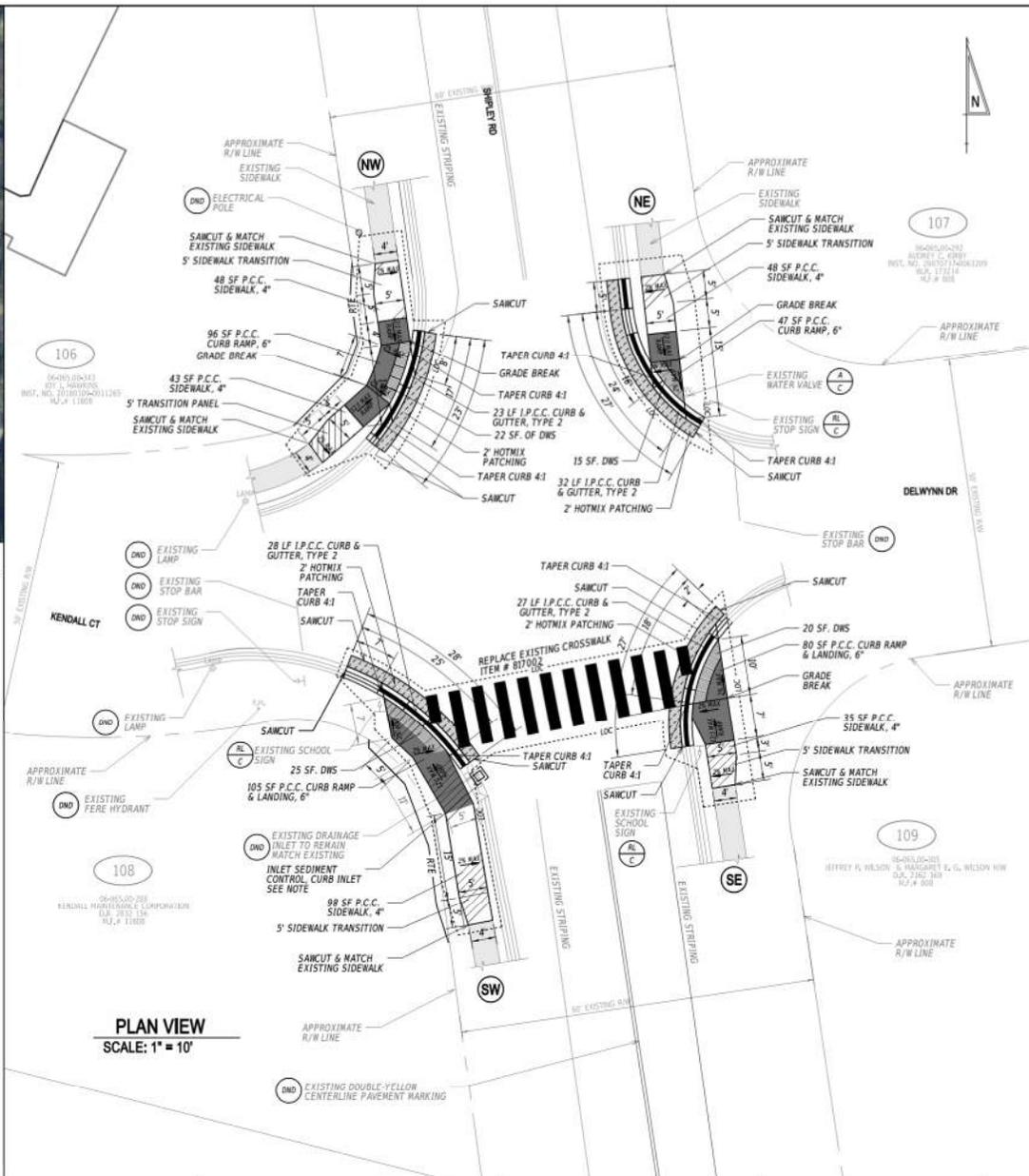
LOCATION MAP
SCALE: 1" = 50'

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- WHERE A RIGHT TO ENTER (RTE) LINE IS DESIGNATED ON THE PLANS, IT INDICATES LOCATIONS WHERE THE DEPARTMENT ALREADY HAS THE RIGHT, UNDER DELAWARE CODE, TO ENTER ONTO PRIVATE PROPERTY TO MAINTAIN, REPAIR OR RECONSTRUCT FACILITIES USED BY THE PUBLIC AND MAINTAINED AT PUBLIC EXPENSE.
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 - PROPOSED CURBS OR PAVEMENT THAT TIE INTO EXISTING PAVEMENT OR CURB SHALL MATCH THE EXISTING PAVEMENT OR CURB ELEVATIONS.

ITEM NO.	QUANTITY	ITEM DESCRIPTION / TYPE	QTY
202000	8 CY	EXCAVATION & EMBANKMENT	8 CY
209006	2 CY	BORROW, TYPE F	2 CY
211001	78 SY	REMOVAL OF P.C.C. CURB AND SIDEWALK	78 SY
301001	2 CY	GRADED AGGREGATE BASE COURSE, TYPE B	2 CY
301002	9 CY	GRADED AGGREGATE BASE COURSE, TYPE B, PATCHING	9 CY
401029	3 TON	SUPERPAVE, TYPE C, PG 64-22, PATCHING	3 TON
401030	5 TON	SUPERPAVE, TYPE B, PG 64-22, PATCHING	5 TON
401031	7 TON	SUPERPAVE, TYPE BCBC, PG 64-22, PATCHING	7 TON
701019	110 LF	INTEGRAL P.C.C. CURB AND GUTTER, TYPE 2	110 LF
705001	272 SF	P.C.C. SIDEWALK, 4"	272 SF
705002	328 SF	P.C.C. SIDEWALK, 6"	328 SF
705007	82 SF	SIDEWALK SURFACE DETECTABLE WARNING SYSTEM	82 SF
710002	1 EA	ADJUST WATER VALVE BOXES	1 EA
762000	126 LF	SAWCUTTING, BITUMINOUS CONCRETE	126 LF
762001	36 LF	SAWCUTTING, CONCRETE, FULL DEPTH	36 LF
817002	220 SF	PERMANENT PAVEMENT STRIPING, ALKYL-THERMOPLASTIC	220 SF
817013	30 LF	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	30 LF
817019	10 LF	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK, 5"	10 LF
817031	200 SF	REMOVAL OF PAVEMENT STRIPING	200 SF
919018	6 EA	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S)	6 EA
905005	1 EA	INLET SEDIMENT CONTROL, CURB INLET	1 EA
908004	44 SY	TOPSOIL, 6" DEPTH	44 SY
908016	44 SY	PERMANENT GRASS SEEDING, SUBDIVISION	44 SY
908020	44 SY	EROSION CONTROL BLANKET MULCH	44 SY

- CONSTRUCT INLET SEDIMENT CONTROL, CURB INLET AND FOLLOW THE STANDARD CONSTRUCTION DETAILS OR MANUFACTURERS RECOMMENDATIONS. ALL COSTS INCIDENTAL TO ITEM 905005 - INLET SEDIMENT CONTROL, CURB INLET.
- SIDEWALK TO MATCH EXISTING GRADE OR AS DIRECTED IN THE FIELD BY THE ENGINEER. THE PROPOSED SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% PER ADA REGULATIONS. THE SIDEWALK SHALL BE LAID OUT FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION. ALL COSTS ARE INCIDENTAL TO THE PROJECT.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE THE PROPER CONSTRUCTION EQUIPMENT AS NECESSARY TO MEET ACCESSIBILITY REQUIREMENTS AS SET FORTH IN DELDOT'S PEDESTRIAN ACCESSIBILITY STANDARDS FOR FACILITIES IN THE PUBLIC RIGHT-OF-WAY.
- IF UNFORSEEN PHYSICAL LIMITATIONS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE ENGINEER. THE CONTRACTOR SHALL RESUME WORK ACTIVITIES AFTER THE ENGINEER DETERMINES IF THE PLAN NEEDS TO BE MODIFIED OR REVISED.
- REFER TO STANDARD PLAN SHEETS FOR ADDITIONAL NOTES & DETAILS OF TYPE 1 TO TYPE 5 PEDESTRIAN CONNECTION.
- REFER TO STANDARD PLAN SHEETS FOR THE CONSTRUCTION OF INTEGRAL P.C.C. CURB & GUTTER, INCLUDING I.P.C.C. CURB & GUTTER DETAILS FOR TRANSITIONS FROM STANDARD GUTTER SLOPE TO SLOPE ON SECTIONS THAT ARE DIRECTLY IN FRONT OF CURB RAMPS.
- EXISTING RIGHT-OF-WAY SHOWN ON LOCATION MAP IS APPROXIMATE AND FOR INFORMATIONAL PURPOSE ONLY.
- IN AREAS WHERE WHITE EDGE LINES WILL BE REMOVED BECAUSE OF THE NEW CONSTRUCTION, THE CONTRACTOR SHALL STRIPE THE WHITE LINES IN KIND IN ORDER TO MATCH EXISTING CONDITIONS. THE CONTRACTOR MUST DOCUMENT EXISTING DELINEATION PRIOR TO CONSTRUCTION.

ADDENDA / REVISIONS



PLAN VIEW
SCALE: 1" = 10'



PEDESTRIAN ACCESS ROUTES AND SIDEWALK IMPROVEMENTS, NEW CASTLE COUNTY FY20-FY23

CONTRACT	BRIDGE NO.	N/A
T201901401	DESIGNED BY:	AB
COUNTY	CHECKED BY:	TF
NEW CASTLE		

CONSTRUCTION PLANS		SECTION
CORNERS OF SHIPLEY ROAD & KENDALL COURT & SHIPLEY ROAD & DELWYNN DRIVE WILMINGTON, DE		PLANNING
		SHEET NO.
		9

Contract: T201901401

Project Details – Sample Plan Presentation (Cont.)



LOCATION MAP
SCALE: 1" = 50'

NOTES:

- WHERE A RIGHT TO ENTER (RTE) LINE IS DESIGNATED ON THE PLANS, IT INDICATES LOCATIONS WHERE THE DEPARTMENT ALREADY HAS THE RIGHT, UNDER DELAWARE CODE, TO ENTER ONTO PRIVATE PROPERTY TO MAINTAIN, REPAIR OR RECONSTRUCT FACILITIES USED BY THE PUBLIC AND MAINTAINED AT PUBLIC EXPENSE.
- REMOVE EXISTING SIDEWALK AND CURB WITHIN THE LIMITS SHOWN. EXTEND SIDEWALK REMOVAL AND RECONSTRUCTION LIMITS TO THE NEAREST JOINT. SAW CUT CURB AND PAVEMENT AS NECESSARY.
- THE CONTRACTOR SHALL STAKE ALL GRADES TO ENSURE POSITIVE DRAINAGE PRIOR TO CONSTRUCTION. ALL GRADES MUST BE APPROVED BY THE ENGINEER IN THE FIELD PRIOR TO CONSTRUCTION. ALL WORK REQUIRED FOR CALCULATING AND STAKING OF GRADES SHALL BE PAID UNDER ITEM 763622 - CONSTRUCTION ENGINEERING, PAR REHABILITATION.
- PROPOSED CURBS OR PAVEMENT THAT TIE INTO EXISTING PAVEMENT OR CURB SHALL MATCH THE EXISTING PAVEMENT OR CURB ELEVATIONS.
- SIDEWALK TO MATCH EXISTING GRADE OR AS DIRECTED IN THE FIELD BY THE ENGINEER. THE PROPOSED SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% PER ADA REGULATIONS. THE SIDEWALK SHALL BE LAID OUT FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION. ALL COSTS ARE INCIDENTAL TO THE PROJECT.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE THE PROPER CONSTRUCTION EQUIPMENT AS NECESSARY TO MEET ACCESSIBILITY REQUIREMENTS AS SET FORTH IN DELDOT'S PEDESTRIAN ACCESSIBILITY STANDARDS FOR FACILITIES IN THE PUBLIC RIGHT-OF-WAY.

ITEM NO.	QUANTITY	ITEM DESCRIPTION / TYPE	QTY
202000	34	EXCAVATION & EMBANKMENT	CY
209006	17	BORROW, TYPE F	CY
211001	159	REMOVAL OF P.C.C. CURB AND SIDEWALK	SY
301001	22	GRADED AGGREGATE BASE COURSE, TYPE B	CY
301002	3	GRADED AGGREGATE BASE COURSE, TYPE B, PATCHING	CY
401029	11	SUPERPAVE, TYPE C, PG 64-22, PATCHING	TON
401030	17	SUPERPAVE, TYPE B, PG 64-22, PATCHING	TON
401031	27	SUPERPAVE, TYPE RCBC, PG 64-22, PATCHING	TON
701019	76	INTEGRAL P.C.C. CURB AND GUTTER, TYPE 2	LF
705001	207	P.C.C. SIDEWALK, 4"	SF
705002	169	P.C.C. SIDEWALK, 6"	SF
705007	35	SIDEWALK SURFACE DETECTABLE WARNING SYSTEM	SY
710002	2	ADJUST WATER VALVE BOXES	EA
762000	183	SAWCUTTING, BITUMINOUS CONCRETE	LF
762001	20	SAWCUTTING, CONCRETE, FULL DEPTH	LF
817013	20	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/ YELLOW, 5"	LF
818018	4	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S)	EA
905005	1	INLET SEDIMENT CONTROL, CURB INLET	EA
908004	29	TOPSOIL, 6" DEPTH	SY
908016	29	PERMANENT GRASS SEEDING, SUBDIVISION	SY
908020	29	EROSION CONTROL BLANKET MULCH	SY

CONSTRUCT INLET SEDIMENT CONTROL, CURB INLET AND FOLLOW THE STANDARD CONSTRUCTION DETAILS OR MANUFACTURERS RECOMMENDATIONS. ALL COSTS INCIDENTAL TO ITEM 905005 - INLET SEDIMENT CONTROL, CURB INLET.

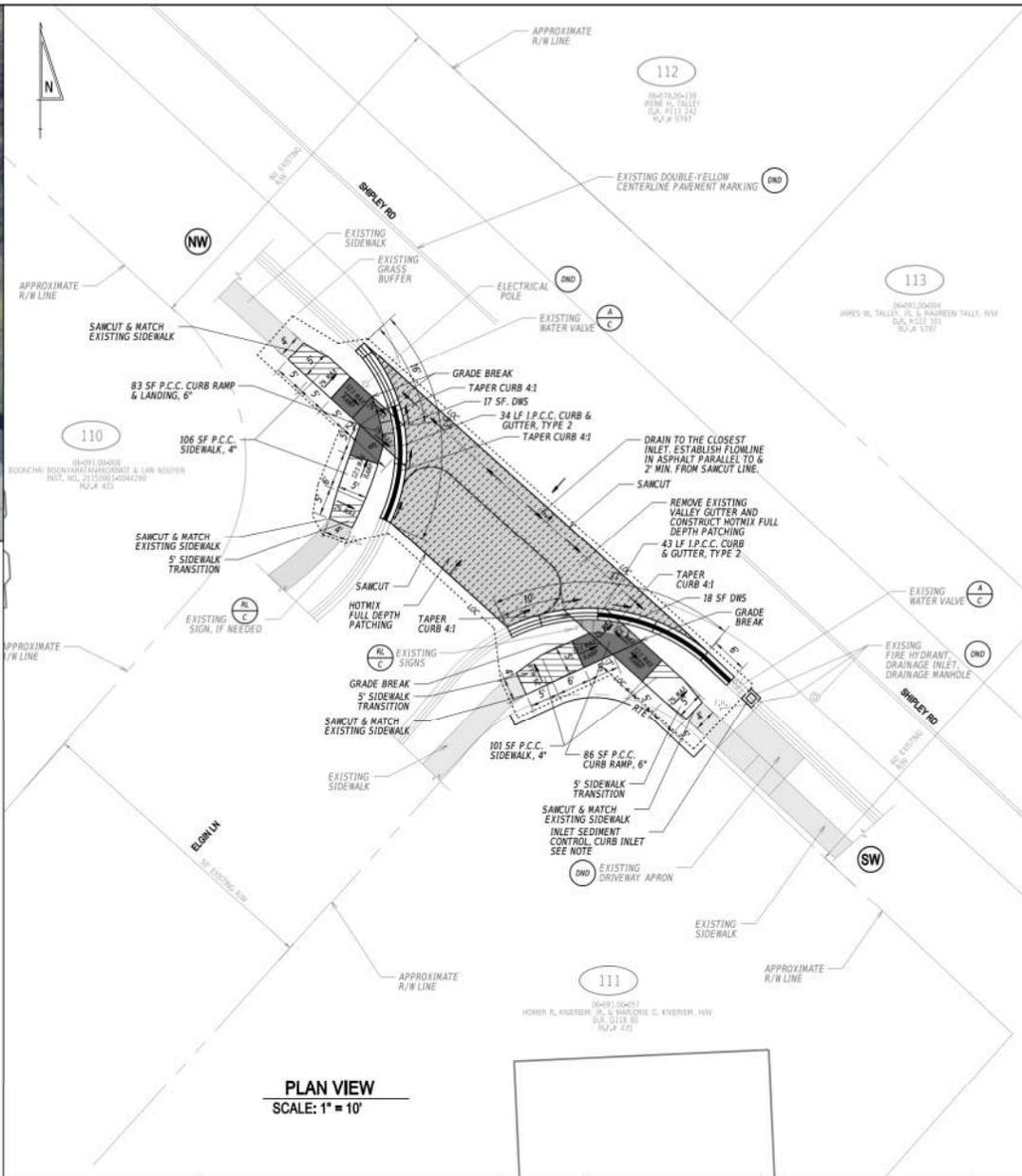
IF UNFORSEEN PHYSICAL LIMITATIONS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE ENGINEER. THE CONTRACTOR SHALL RESUME WORK ACTIVITIES AFTER THE ENGINEER DETERMINES IF THE PLAN NEEDS TO BE MODIFIED OR REVISED.

REFER TO STANDARD PLAN SHEETS FOR ADDITIONAL NOTES & DETAILS OF TYPE 1 TO TYPE 5 PEDESTRIAN CONNECTION.

REFER TO STANDARD PLAN SHEETS FOR THE CONSTRUCTION OF INTEGRAL P.C.C. CURB & GUTTER, INCLUDING 1" P.C.C. CURB & GUTTER DETAILS FOR TRANSITIONS FROM STANDARD GUTTER SLOPE TO SLOPE ON SECTIONS THAT ARE DIRECTLY IN FRONT OF CURB RAMPS.

EXISTING RIGHT-OF-WAY SHOWN ON LOCATION MAP IS APPROXIMATE AND FOR INFORMATIONAL PURPOSE ONLY.

IN AREAS WHERE WHITE EDGE LINES WILL BE REMOVED BECAUSE OF THE NEW CONSTRUCTION, THE CONTRACTOR SHALL REPLACE THE WHITE LINES IN KIND IN ORDER TO MATCH EXISTING CONDITIONS. THE CONTRACTOR MUST DOCUMENT EXISTING DELINEATION PRIOR TO CONSTRUCTION.



PLAN VIEW
SCALE: 1" = 10'

ADDENDA / REVISIONS



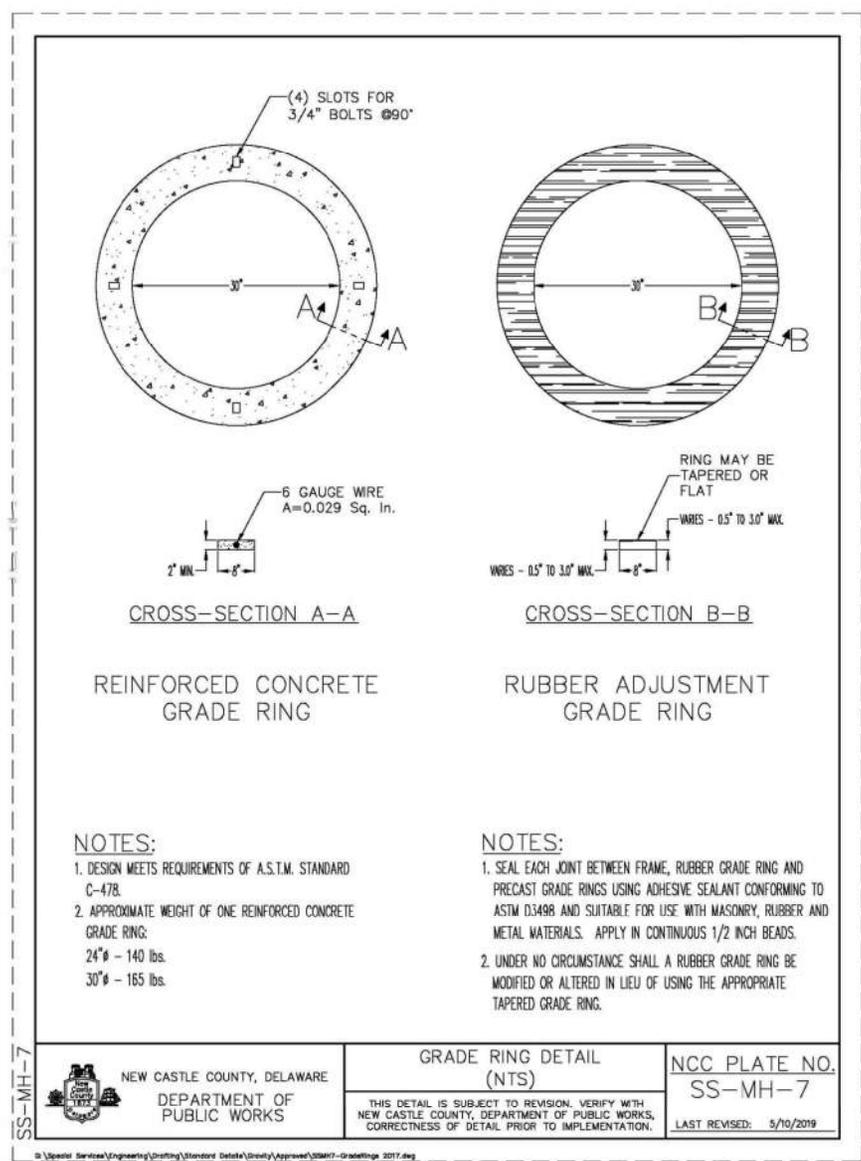
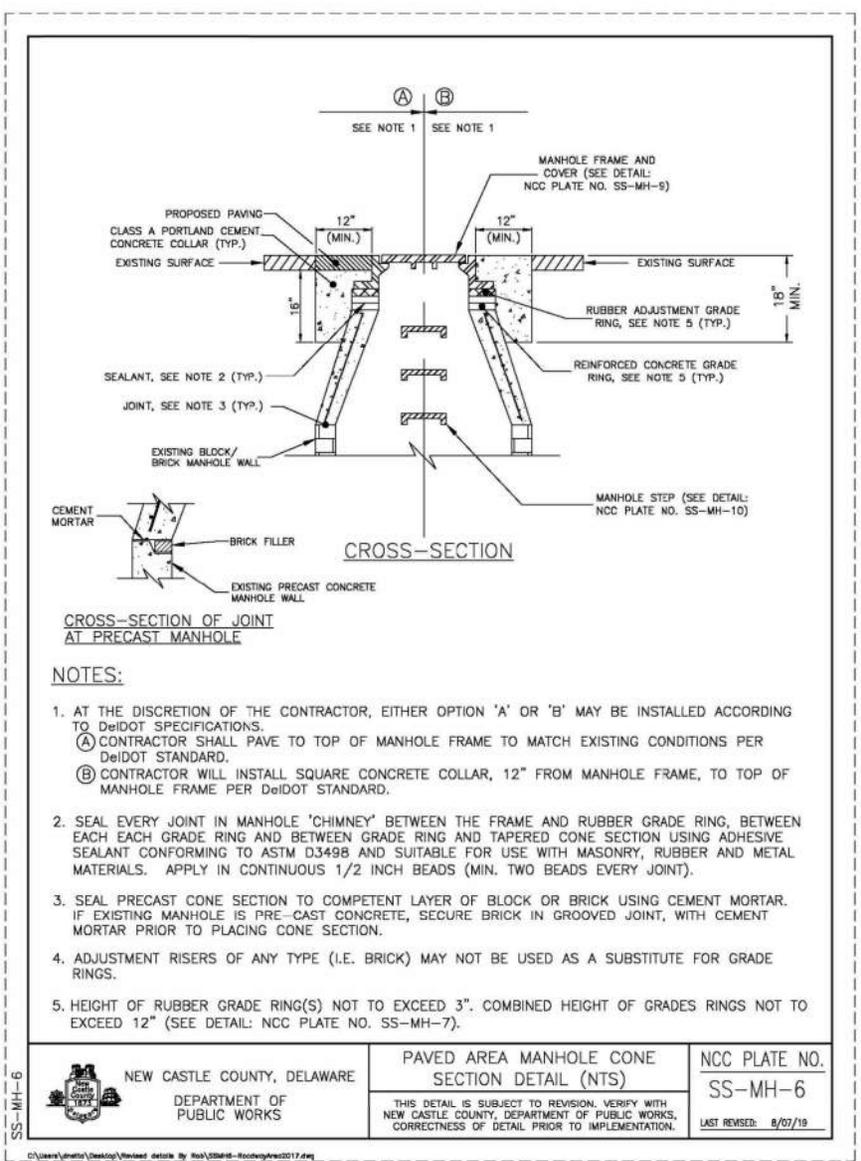
PEDESTRIAN ACCESS ROUTES AND SIDEWALK IMPROVEMENTS, NEW CASTLE COUNTY FY20-FY23

CONTRACT	BRIDGE NO.
T201901401	
COUNTY	DESIGNED BY:
NEW CASTLE	AB
	CHECKED BY:
	TF

CONSTRUCTION PLANS
NW & SW CORNERS OF SHIPLEY ROAD & ELGIN LN
WILMINGTON, DE

SECTION
PLANNING
SHEET NO.
10

Project Details – Sample Plan Presentation (Cont.)



Contract: T201901401

Special Provisions Discussion

❖ Item 760506 – Removal of ¼” to 1” Vertical Discontinuities in the PAR

Contract No. T201901401.01

Contract No. T201901401.01

760506 – REMOVAL OF ¼” to 1” VERTICAL DISCONTINUITIES IN THE PAR

Description:

Eliminate vertical differences in the Pedestrian Access Route (PAR) greater than ¼” and up to 1”.

Materials:

Joint/ Crack Sealant Material Section 1042

Construction Methods:

Use a handheld or walk-behind diamond grinding machine suitable for use on Portland Cement Concrete (P.C.C.) or other equipment approved by the Engineer. Examine the integrity of the existing P.C.C. sidewalk and measure the maximum vertical difference at the discontinuity before commencing work. Cease operation and contact the Engineer if the vertical discontinuity exceeds 1” or if it is determined that that existing P.C.C. is structurally inadequate to complete the described work. Bevel existing P.C.C sidewalk to remove the vertical difference in accordance with Table 1.

Table 1. Maximum Allowable Slope of Bevel

Vertical Difference	Maximum Allowable Slope of Bevel
¼” to ½”	2H:1V (50.0%)
Greater than ½” to 1”	12H:1V (8.33%)

Bevel the entire length across the discontinuity to create a smooth continuous surface. Clean the surface and crack seal any residual horizontal gap.

Method of Measurement:

The quantity of “Removal of ¼” to 1” Vertical Discontinuities in the PAR” will be measured as the linear feet length of discontinuity corrected as well as all additional length required to make a single continuous plane along the discontinuity.

Basis of Payment:

The quantity of “Removal of ¼” to 1” Vertical Discontinuities in the PAR” will be paid for at the Contract Unit Price per linear feet. Price and payment will constitute full compensation for removing the vertical discontinuity; for the cleanup of the PCC sidewalk residue left from the grinding operation; and for all labor, tools, Equipment, and incidentals to complete the Work.

5/22/2020

Special Provisions Discussion (Cont.)

❖ Item 763531 – Work Order Mobilization and De-Mobilization

763531 – WORK ORDER MOBILIZATION AND DE-MOBILIZATION

Description:

Perform all operations necessary for the assembling and setting up of the Work Order, including the initial movement of personnel and equipment to the Work Order site, the establishment of the contractor's offices, shops, plants, storage areas, and sanitary facilities, any other activities required by the contract and by law or regulation, and all other work and operations that must be performed prior to beginning compensable items of work on the Work Order.

Perform all operations necessary for the final cleanup of the Work Order jobsite, for de-mobilization of all personnel and equipment, and for all paperwork necessary to close out the Work Order, including, but not limited to, obtaining releases from subcontractors.

Materials:

Assume responsibility for the adequacy of all materials that are required to assemble and set up the Work Order that are not to be a part of the completed work.

Construction Methods:

Perform all work in a safe and workmanlike manner.

Method of Measurement:

This item will not be measured.

Basis of Payment:

Payment will be made at the Each unit bid price for "Work Order Mobilization and Demobilization," for which price and payment constitutes full compensation for all work associated with mobilizing and demobilizing the Work Order as described above and for furnishing all materials, labor, equipment and incidentals required to complete the work.

Special Provisions Discussion (Cont.)

❖ Item 763622 – Construction Engineering, PAR Rehabilitation

763622 – CONSTRUCTION ENGINEERING, PAR REHABILITATION

Description:

Perform all survey and associated lay out required to complete an assigned Work Order. This provision voids Subsection 105.10 “Construction Stakes, Lines, and Grades Provided by the Engineer” of the Standard Specifications.

When individuals or firms other than the Contractor perform any professional services under this item, that work shall not be subject to the subcontracting requirements of Subsection 108.01 of the Standard Specifications. The Contractor shall assume full responsibility for any errors and/or omissions in the work of the engineering or survey staff described herein. If construction errors are caused due to erroneous work done under Construction Engineering the Contractor accepts full responsibility, no matter when the error is discovered. Consideration will not be given for any extension of contract time or additional compensation due to delays, corrective work, or additional work that may result from faulty and erroneous construction stakeout, surveying, and engineering required by this specification.

Materials:

The contractor shall use adequate equipment and instruments that are in good working order. The contractor should immediately replace or recalibrate any equipment found to be out of adjustment or inadequate to perform its function to the satisfaction of the Engineer.

The contractor shall provide and have available for the project an adequate survey or engineering staff that is competent and experienced to set lines and grades needed to construct a Work Order.

Construction Methods:

The Engineer will provide existing topographic survey information when this information is complete and available. The Contractor shall review and verify the topographic data before completing any computations or associated lay out. When topographic survey is either not provided by the Engineer or deemed insufficient by the Contractor, the Contractor shall obtain all required topographic information needed to complete the Work Order in accordance with the Contract requirements. The Contractor shall be responsible for the preservation of the Department's project control points and benchmarks if provided.

The Contractor shall verify all proposed construction grades and coordinates provided by the Engineer for compliance with the contract requirements prior to field lay out. The Contractor shall immediately bring to the attention of the Engineer any discovered discrepancies or other elements which would prohibit the Contractor from meeting the requirements of the contract. When the Engineer does not provide proposed grades and coordinate information, the contractor shall be responsible for computing and establishing this information such that it meets all contract requirements. In all cases, the Contractor shall ensure that all proposed work including pedestrian connections, roadways or ditches, drainage structures, or other items of work as determined by the Engineer, have positive drainage.

The Engineer may request that right-of-way lines and easements, limits of construction lines, wetland limits or other features as requested by the Engineer be laid out in the field. In these cases, the Engineer will provide the required information to be laid out in the field.

All computations necessary to establish the exact position of all work from the control points shall be made and preserved by the Contractor. All computations, survey notes, electronic files, and other records necessary to accomplish the work shall be made available to the Department in a neat and organized manner at any time as directed by the Engineer. The Engineer may check all or any portion of the stakeout survey work or notes made by the Contractor and any necessary correction to the work shall be made as soon as possible.

The Contractor shall remove all field lay out staking, fencing or other similar items at the completion of the work as directed by the Engineer.

Method of Measurement:

The quantity of “Construction Engineering, PAR Rehabilitation” will be measured as the actual number of hours the Contractor's survey crew is in the field actively engaged in Construction Engineering – PAR Rehabilitation.

Basis of Payment:

The quantity of “Construction Engineering – PAR Rehabilitation” will be paid for at the contract unit price per hour. Price and payment constitutes full compensation for furnishing all labor, equipment, instruments, stakes, fencing, and other material necessary to satisfactorily complete the work as herein described under this item.

Contract: T201901401

Project MOT Needs

T 201901401 PAR Open End Contract

Main Road Name	Main Rd Typical Application	Intersecting Street /Side Rd Name	Side Rd Typical Application	Shoulder	Sidewalk	Flagger for Pedestrians	No Lane Closure Hours
W Newport Pike	TA-33	Lindberg Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Edgemoor Rd	Close through/right turn lane and shift traffic to left lane			Yes	Yes	Yes	6am - 9am and 3pm - 6pm
Edgemoor Rd	TA-21			No	Yes	Yes	6am - 9am and 3pm - 6pm
Greenbank Rd	TA-10	Grafton Dr.	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
River Rd	TA-10	Lore Ave	TA-11	No	Yes	Yes	6am - 9am and 3pm - 6pm
River Rd	TA-10	S Rd	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
W Newport Pike	TA-33	Westmont Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
W Newport Pike	TA-33	Lindberg Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
W Newport Pike	TA-33	Cypress Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Kiamensi Rd	TA-10	Stanley Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
US 40	TA-3A			Yes	Yes	No	Please see attached Allowable Lane Closure Hours Table
River Rd	TA-10			No	Yes	Yes	6am - 9am and 3pm - 6pm
Harvey Rd	TA-11B			Yes	No	No	6am - 9am and 3pm - 6pm
Kiamensi Rd	TA-10	Stanley Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
W Newport Pike	TA-33	Mac Arthur Dr	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
W Newport Pike	TA-3A	W. Redwood Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Edgemoor Rd /SR 3	Close through/right turn lane and shift traffic to left lane, then shift back			No	Yes	Yes	6am - 9am and 3pm - 6pm
ShIPLEY Rd	TA-10	Kammerer Dr	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
ShIPLEY Rd	TA-10	Kendall Ct	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
ShIPLEY Rd	TA-10	Kendall Ct	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Greenbank Rd	TA-10	Grafton Dr.	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
W Newport Pike	TA-33	W. Redwood Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
ShIPLEY Rd	TA-10	Elgin Ln	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm

Contract: T201901401

Project MOT Needs (Cont.)

T 201901401 PAR Open End Contract

Main Road Name	Main Rd Typical Application	Intersecting Street /Side Rd Name	Side Rd Typical Application	Shoulder	Sidewalk	Flagger for Pedestrians	No Lane Closure Hours
ShipleY Rd	TA-10	Francis Ln	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Philadelphia Pike/US13	TA-33			Yes	Yes	Yes	6am - 9am and 3pm - 6pm
Harvey Rd	TA-11B	Grant Ave	TA-10	Yes	Yes	Yes	6am - 9am and 3pm - 6pm
Newport Gap Pike	TA-33	Livingston Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Kiamensi Rd	TA-10			No	Yes	Yes	6am - 9am and 3pm - 6pm
Kiamensi Rd	TA-10	Gunard St	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Duncan Rd	TA-10	Everlyn Dr.	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
E Reamer Ave	TA-10	S Dupont Rd	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
W Newport Pike	TA-33	Adelphia Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
W Newport Pike	TA-33	Harding Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Stanton Rd	TA-10			No	Yes	Yes	6am - 9am and 3pm - 6pm
S Dupont Rd	TA-10	E Reamer Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Newport Gap Pike	TA-33	Livingston Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Boxwood Rd	TA-11B	N Augustine St.	TA-10	Yes	Yes	Yes	Please see attached Allowable Lane Closure Hours Table
W Newport Pike	TA-33	Harding Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Silverside Rd	TA-3	Pennrock Rd	TA-10	Yes	Yes	Yes	6am - 9am and 3pm - 6pm
US 13	TA-33			No	Yes	Yes	6am - 9am and 3pm - 6pm
ShipleY Rd	TA-10	Francis Ln	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
ShipleY Rd	TA-10	Kammerer Dr	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Lambsons Lane	TA-10	West Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Kiamensi Rd	TA-10	Mansion House Ct	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Landers Ln	TA-10	W Market Pl	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
W Newport Pike	TA-33	Cypress Ave	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
W Newport Pike WB	Close SR 4 WB to EB turn lane			Yes	Yes	Yes	6am - 9am and 3pm - 6pm

Contract: T201901401

Project MOT Needs (Cont.)

T 201901401 PAR Open End Contract

Main Road Name	Main Rd Typical Application	Intersecting Street /Side Rd Name	Side Rd Typical Application	Shoulder	Sidewalk	Flagger for Pedestrians	No Lane Closure Hours
Boxwood Rd	TA-11B	Birmingham Ave	TA-10	Yes	Yes	Yes	Please see attached Allowable Lane Closure Hours Table
Moores Lane	TA-11B	Swedes St	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Harvey Rd	TA-11B	Washington Ave	TA-10	Yes	Yes	Yes	6am - 9am and 3pm - 6pm
Peachtree Rd	TA-11B	Side Street	TA-11	No	Yes	Yes	6am - 9am and 3pm - 6pm
Edgemoor Rd	TA-21A	Brandywine Blvd TA-21A	Blue Rock Rd TA -10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Shiplely Rd	TA-10	Elgin Ln	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
Newport Gap Pike	TA-21	Lloyd St -- TA-10	Boxwood Rd -- close second left turn lane to Newport Gap Pike	No	Yes	Yes	6am - 9am and 3pm - 6pm
SR 7/Stanton Christiana Rd	TA-21A	Honeysuckle Dr	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
SR 7/Stanton Christiana Rd	TA-21A	Honeysuckle Dr	TA-10	No	Yes	Yes	6am - 9am and 3pm - 6pm
SR 4 / Main St	TA-21A			No	Yes	Yes	6am - 9am and 3pm - 6pm

- Add General Notes:**
1. THE CONTRACTOR SHALL PROVIDE ONE TRAFFIC OFFICER FOR ANY OPERATION WHERE AN EXISTING SIGNALIZED INTERSECTION IS PLACED IN FLASH MODE. THE TRAFFIC OFFICER IS THE ONLY INDIVIDUAL THAT CAN PLACE A TRAFFIC SIGNAL IN FLASH MODE, AND THE TRAFFIC OFFICER SHALL STAY ON LOCATION UNTIL THE SIGNAL IS PLACED BACK IN STOP-AND-GO OPERATION IN ACCORDANCE WITH DELDOT'S TEMPORARY TRAFFIC CONTROL WITHIN INTERSECTIONS MEMORANDUM (WWW.MUTCD.DELDOT.GOV).
 2. When bike lanes will be impacted, add "BIKES IN LANE" warning sign (W11-1-DE).

Major Road Name	NO Lane Closure Hrs (Monday - Sunday)
W Newport Pike	6am - 9am and 3pm - 6pm
W Newport Pike	6am - 9am and 3pm - 6pm
W Newport Pike	6am - 9am and 3pm - 6pm
W Newport Pike	6am - 9am and 3pm - 6pm
W Newport Pike	6am - 9am and 3pm - 6pm
W Newport Pike	6am - 9am and 3pm - 6pm
W Newport Pike	6am - 9am and 3pm - 6pm
W Newport Pike	6am - 9am and 3pm - 6pm
W Newport Pike	6am - 9am and 3pm - 6pm

Please see 2nd Sheet for Allowable Lane Closure Hours Tables

Contract: T201901401

Project MOT Needs (Cont.)

	Allowable One Lane Closure Hours for W Newport Pike and New Port Gap Pike (2 lanes/ direction)																							
	12:00AM	01:00AM	02:00AM	03:00AM	04:00AM	05:00AM	06:00AM	07:00AM	08:00AM	09:00AM	10:00AM	11:00AM	12:00PM	01:00PM	02:00PM	03:00PM	04:00PM	05:00PM	06:00PM	07:00PM	08:00PM	09:00PM	10:00PM	11:00PM
Sunday																								
Monday																								
Tuesday																								
Wednesday																								
Thursday																								
Friday																								
Saturday																								

<input type="checkbox"/>	One Lane Closure
<input checked="" type="checkbox"/>	All Lane Open

	Allowable One Lane Closure Hours for US 40 EB																							
	12:00AM	01:00AM	02:00AM	03:00AM	04:00AM	05:00AM	06:00AM	07:00AM	08:00AM	09:00AM	10:00AM	11:00AM	12:00PM	01:00PM	02:00PM	03:00PM	04:00PM	05:00PM	06:00PM	07:00PM	08:00PM	09:00PM	10:00PM	11:00PM
Sunday																								
Monday																								
Tuesday																								
Wednesday																								
Thursday																								
Friday																								
Saturday																								

<input type="checkbox"/>	One Lane Closure
<input checked="" type="checkbox"/>	All Lane Open

	Allowable One Lane Closure Hours for Kiamansi Rd, Harvey Rd, Shipley Rd, and Stanton Rd (1 lane / direction)																							
	12:00AM	01:00AM	02:00AM	03:00AM	04:00AM	05:00AM	06:00AM	07:00AM	08:00AM	09:00AM	10:00AM	11:00AM	12:00PM	01:00PM	02:00PM	03:00PM	04:00PM	05:00PM	06:00PM	07:00PM	08:00PM	09:00PM	10:00PM	11:00PM
Sunday																								
Monday																								
Tuesday																								
Wednesday																								
Thursday																								
Friday																								
Saturday																								

<input type="checkbox"/>	One Lane Closure
<input checked="" type="checkbox"/>	All Lane Open

	Allowable One Lane Closure Hours for Boxwood Rd																							
	12:00AM	01:00AM	02:00AM	03:00AM	04:00AM	05:00AM	06:00AM	07:00AM	08:00AM	09:00AM	10:00AM	11:00AM	12:00PM	01:00PM	02:00PM	03:00PM	04:00PM	05:00PM	06:00PM	07:00PM	08:00PM	09:00PM	10:00PM	11:00PM
Sunday																								
Monday																								
Tuesday																								
Wednesday																								
Thursday																								
Friday																								
Saturday																								

<input type="checkbox"/>	One Lane Closure
<input checked="" type="checkbox"/>	All Lane Open

	Allowable One Lane Closure Hours for US 40 WB																							
	12:00AM	01:00AM	02:00AM	03:00AM	04:00AM	05:00AM	06:00AM	07:00AM	08:00AM	09:00AM	10:00AM	11:00AM	12:00PM	01:00PM	02:00PM	03:00PM	04:00PM	05:00PM	06:00PM	07:00PM	08:00PM	09:00PM	10:00PM	11:00PM
Sunday																								
Monday																								
Tuesday																								
Wednesday																								
Thursday																								
Friday																								
Saturday																								

<input type="checkbox"/>	One Lane Closure
<input checked="" type="checkbox"/>	All Lane Open

Meeting Agenda

- ❖ **Addendum #1 – Posted June 12, 2020 and Includes the Following**
 - » 1. The Bid Proposal Cover, revised, to be substituted for the same page of the Proposal.
 - » 2. One (1) page, Completion Time, page 2 of 50, revised, to be substituted for the same page in the Proposal. The Completion Time has been revised to 365 Calendar Days to match the Project Notes.
 - » 3. One (1) page, Special Provision Listing, page 10 of 50, revised, to be substituted for the same page in the Proposal. The description for 760506 has been revised to match the special provision.

- ❖ **Bidding Deadlines and Upcoming Dates**
 - » Questions Due June 22nd at 2pm Local Time
 - » Bids Due June 30th at 2PM Local Time

- ❖ **Contractor Questions**

- ❖ **Final Roll Call and Closing**