



State of Delaware
Department of Natural Resources and Environmental Control
Delaware Division of Parks and Recreation
89 Kings Highway
Dover, Delaware 19901

ADDENDUM No. TWO

Project Name: Tri-Valley Trail, Phase 2
White Clay Creek State Park

Project No.: WCCSP-7A

Date of Issue: August 1, 2018

Notice No. 2: Attach this addendum to the Project Manual for this project. It modifies and becomes part of the Bidding Documents. Work or material not specifically mentioned herein is to be as described in the main body of the specification and as shown on the drawings.

Bids Due: Thursday, August 9, 2018 at 2:00 PM

DNREC Division of Parks and Recreation
Richardson and Robbins Building, **Auditorium**
89 Kings Highway
Dover, DE 19901

Questions

1. Are there penalties associated with this project? I do not see Liquidated Damages in the specifications.
 - *There are no Liquidated Damages associated with this project. However, this project must be completed prior to April 15, 2019.*
2. On sheet SWM1.0, Can you please explain what “post construction verification documents” need to be submitted?
 - *Post construction verification documents are checklists required by DNREC Division of Watershed Stewardship for the proposed BMPs. These checklists are completed by the CCR for the project. The Contractor is responsible for correcting any deficiencies identified on the checklists.*

3. The following subcontractor categories are listed:
 - a. Signage and Striping: I only see one stop sign. Are there more signs and is there striping?
 - i. *The four proposed Farm Crossings shown on plansheet C1.2 are going to be signed and striped per the enclosed Signing Plansheet C7.3 by the contractor as a part of the base price.*
4. Electric and Power: What electric and power is required? Is this the signal wiring work?
 - i. *At the intersection of Corner Ketch Road and Paper Mill Road, there is a Junction Well (J.W.) for the traffic signal that needs to be relocated. The work must be done by a license electrician who is certified to work on DelDOT's traffic signal.*
5. Is the unit price for "Disposal of Excess material" intended for the onsite disposal or off-site disposal and is this the material used to backfill the existing foundations?
 - *The unit price for Disposal of Excess Material is intended for the off-site disposal of material. Existing soil excavated for the trail construction, and meeting the requirements of DelDOT Borrow, Type F, shall be used for backfill at the foundations and as fill for areas of the trail to be constructed above existing grade.*
6. Does your DelDOT permit allow closure of Pleasant Hill Rd to set up the crane to lift the bridge?
 - *The DelDOT Safety Permit is for the proposed construction work at the intersection of the Corner Ketch Road and Paper Mill Road, and not the closure of Pleasant Hill Road for the installation of the bridge.*
7. What trees are to be removed outside of Union Road? Are they tagged?
 - *No trees are to be removed outside of Union Road if it does not fall within the footprint or the pavement box of the trail.*
8. Does the undercut unit price include backfilling and if so what type of material will be used for backfill?
 - *The undercut price must include backfilling material, and Borrow Type F must be used as the backfill.*
9. Are there compaction requirements for the fill material placed inside the existing foundations?
 - *No compactions test is required for the fill material placed inside of the existing foundations. However, the fill material must be top soiled and seeded.*
9. The written specifications call for H10 vehicular loading while the drawings reference H5 – can you please clarify?
 - *See question number #2 in the Pre-Bid Meeting Minute Document for the response to this question.*

11. Please verify if IPE is desired for the rub rail.
 - *IPE can be used as the rub rail.*
12. There are several references to an FRP decking, but the drawings also reference SYP please verify the desired decking
 - *Deck for the boardwalk and bridge is to be FRP decking.*
13. Please clarify the blast finish required for the weathered steel.
 - *All weathering steel shall be cleaned to “SSPC No. 7 Brush-Off” blast cleaning.*
14. Will a new set of plans be published that isn’t redlined with “Not for BID” or all the plans available the final set?
 - *See question number #4 of the Pre-Bid Meeting Minute Document for the response to this question.*
15. The specs call out for a low profile Pratt truss which usually means an Underhung floor beam but the plans show an H Section floor beam. Can you please confirm which is required?
 - *A Pratt truss shall be used for the side trusses. Based on the required depth of the truss, the bottom chord may be adjusted below the deck and transverse cross members may be connected to the vertical truss elements producing an H-Section. Floor beams are not to be underhung below the truss.*
16. The specs call out a 5/16” minimum wall thickness on structural members. The industry standard is 1/4" and 5/16” wall can be difficult/impossible to obtain in A847 weathering steel. Is 1/4' wall acceptable?
 - *A minimum 1/4" wall thickness shall be allowed. However, corrosion mitigation shall be considered and wall thickness shall be increased in accordance with AASHTO LRFD requirements.*

SPECIFICATIONS

Specification Sections: None

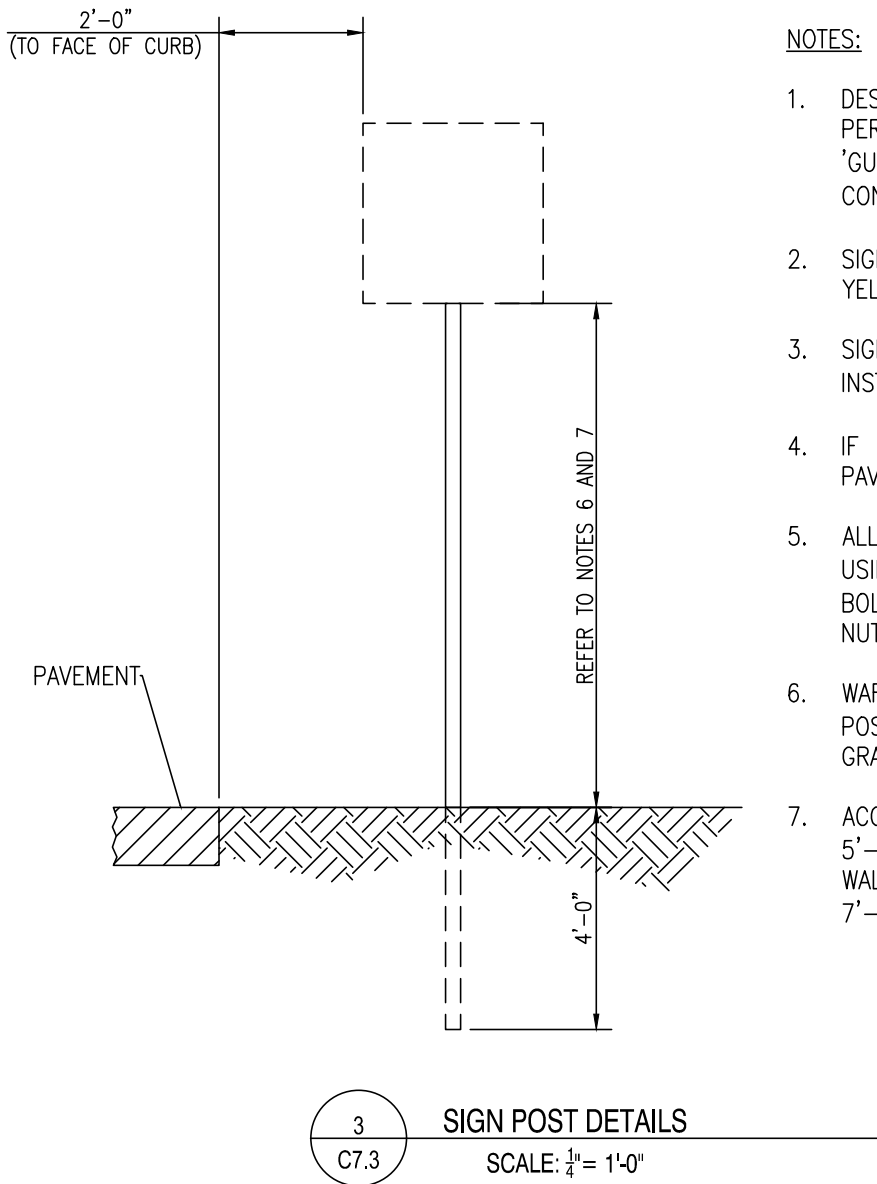
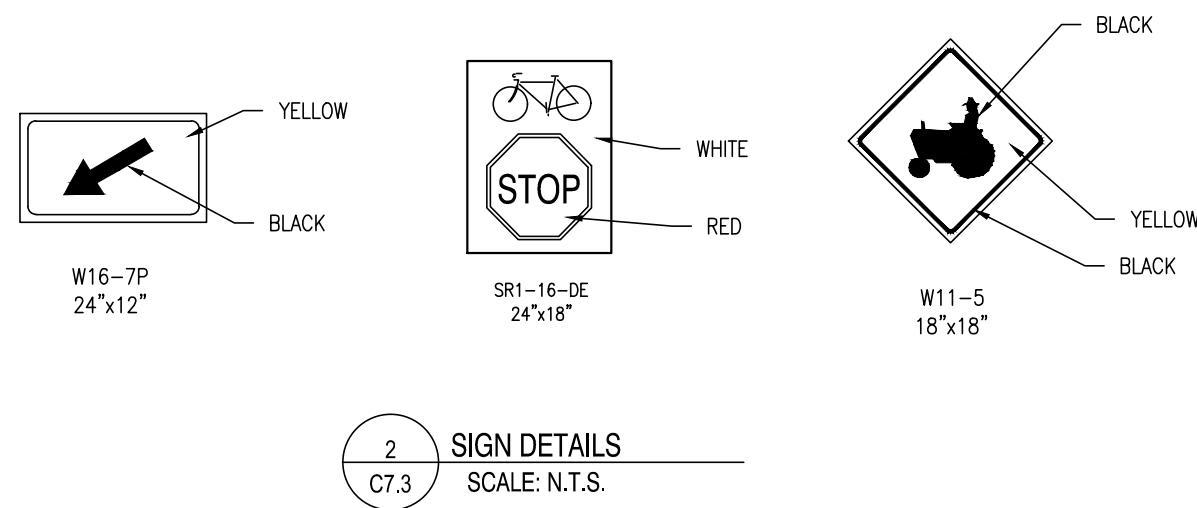
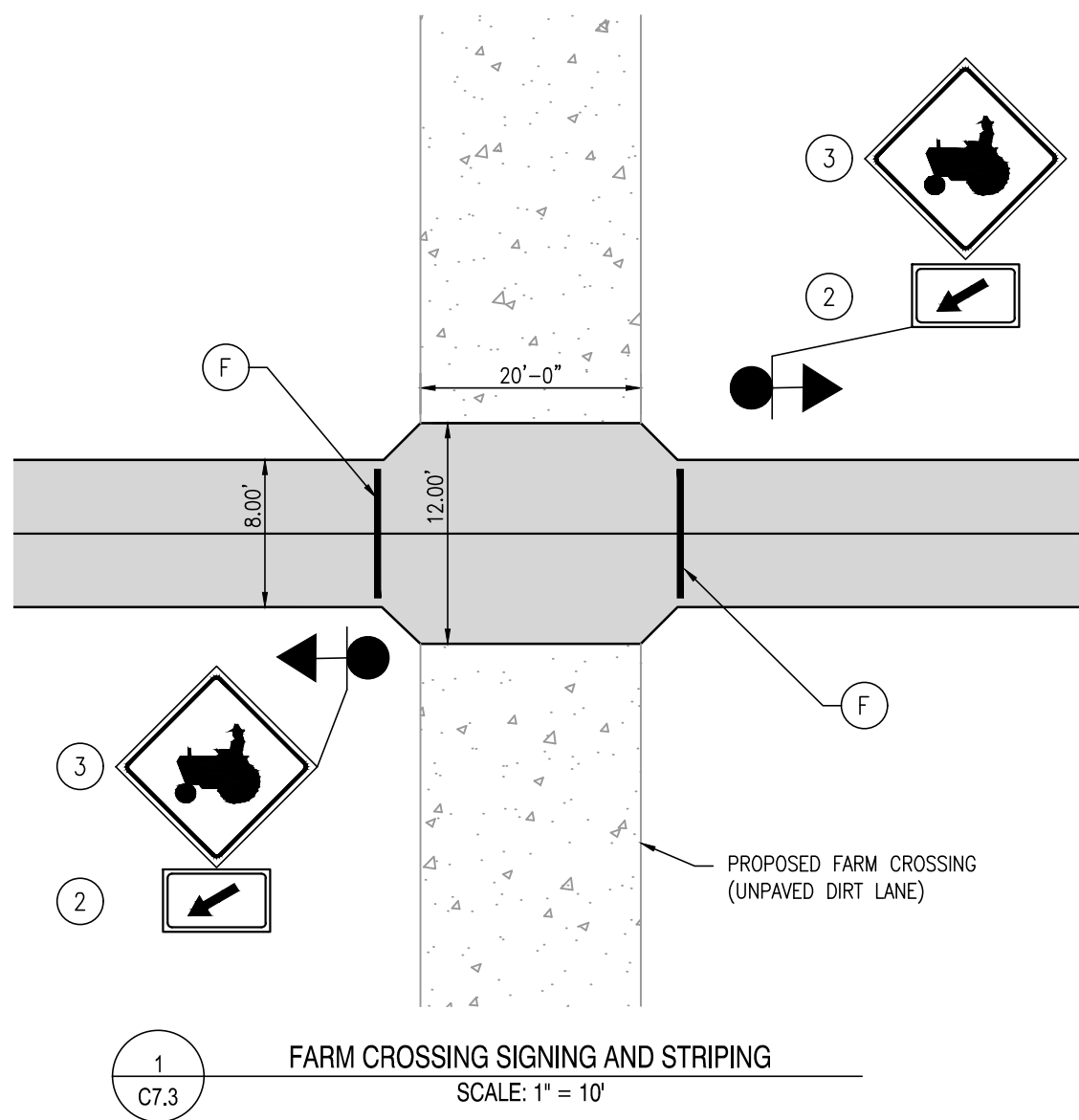
DRAWINGS

Drawings: Plansheet C7.3, the signage and striping plan for the farm crossings is enclosed for your use.

End of Addendum No. 2

Enclosures (1)





- NOTES:
- DESIGN, FABRICATION AND INSTALLATION OF ALL PERMANENT SIGNING SHALL BE AS OUTLINED IN THE 'GUIDE FOR FABRICATION AND INSTALLATION OF TRAFFIC CONTROL DEVICES' LATEST EDITION.
 - SIGNS TO BE INSTALLED WOODEN, 4"x4" SOUTHERN YELLOW PINE PRESSURE TREATED POST, ACQ 0.4 PCF.
 - SIGNS GREATER THAN 36 INCHES IN WIDTH SHALL BE INSTALLED ON TWO (2) POSTS.
 - IF NO CURB, PLACE SIGN 6'-0" FROM EDGE OF PAVEMENT, OR AS DIRECTED BY OWNER.
 - ALL SIGNS SHALL BE INSTALLED ON TIMBER POSTS USING A MINIMUM OF TWO (2) 5/16" GALVANIZED BOLTS WITH TWO (2) GALVANIZED WASHERS AND LOCK NUTS.
 - WARNING AND REGULATORY SIGN PANELS SHALL BE POSITIONED NOT LESS THAN 7'-0" FROM FINISHED GRADE TO BOTTOM OF SIGN.
 - ACCESSIBLE PARKING SIGNS SHALL BE POSITIONED 5'-0" FROM FINISHED GRADE UNLESS LOCATED IN WALKWAY, AT WHICH TIME THEY SHALL BE POSITIONED 7'-0" FROM FINISHED GRADE.

PAVEMENT MARKING S LEGEND	
SYMBOL	ITEM
(A)	24" SOLID WHITE LATEX PAINT PAVEMENT STRIPING
(B)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING
(C)	BLUE LATEX PAINT SYMBOL/LEGEND
(D)	4" WHITE LATEX PAINT PAVEMENT STRIPING
(E)	5" BLUE LATEX PAINT PAVEMENT STRIPING
(F)	4" WHITE EPOXY PAVEMENT STRIPING

NOTE: NOT ALL SYMBOLS USED ON THIS DRAWING.

SIGN SCHEDULE																				
#	SHEET NO.	PLAN INDICATOR	CODE	QTY.	DESCRIPTION	ASSEMBLY NO.	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	SIGN AREA (SF)	ITEM 749687 SINGLE POST (EACH)			ITEM 749690 MULTI POST (POST NEEDED)			POST INSTALLATION TYPE	Code X11 12' Post (W/ Basepost)	ITEM 749688 4" HOLE, 0-6" (EACH)	ITEM 749689 4" HOLE, >6" (EACH)	REMARKS
										SIGN DISPOSITION	REMOVE	INSTALL	SIGN DISPOSITION	REMOVE	INSTALL					
694	C6.1	—	SR1-16-DE	1	STOP (shared-use path only)		24"	24"	4	NEW		1			SOIL	1	0	0		
1357	C7.3	2	W16-7P_R(24)	8	RIGHT DOWNWARD DIAGONAL ARROW (plaque) - 24x12		24"	12"	2	NEW		4			SOIL	4	0	0		
	C7.3	3	W11-5a(18)	8	FARM MACHINERY (Symbol)		18"	18"	2.25	NEW		6			SOIL	6	0	0		

REVISIONS:

DATE: 7/31/2018

DESCRIPTION: A ADDED SIGNING PLAN SHEET

BY: WJH

WCCSP TRI-VALLEY TRAIL, PHASE II

CONSTRUCTION PLANS

SIGNING PLAN

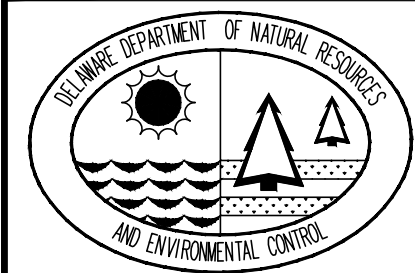
SEAL:



CIVIL ENGINEER:

CENTURY
ENGINEERING
CONSULTING ENGINEERS, SURVEYORS
4134 N. DUPONT HWY.
DOVER, DELAWARE 19901

CEI CONTRACT NO.: 125002.25



DESIGNED BY:

WJH

DRAWN BY:

DFS

CHECKED BY:

AES

DATE:

JUNE 2018

SCALE:

AS SHOWN

SHEET NO.:

C7.3

CONTRACT NO.:

2017-WCCSP-07A