

**Engineering Bureau** 

2100 Clarendon Boulevard, Suite 813, Arlington, VA 22201
TEL 703.228.3669 FAX 703.228.3606 TTY 703.228.4611 www.arlingtonva.us

# **Memorandum**

**To:** File **Date:** 09/20/2021

**From:** Carlos Córdova, Project Officer & Construction Manager

**Subject:** Change Order No. 7 – Time Extension

**Project:** Nauck Town Square Improvements at 2406 Shirlington Rd, Arlington, VA 22206

Project No. – NTSP, Contract No. 19-129-ITB

#### **Background and Justifiction**

Original project completion date is 4/23/2021. However, various utility companies have not completed their work (e.g. Dominion, Verizon), which interferes with the completion of the ductbank, two pole removal and other construction activities. The work of these companies is outside the contractor's control. Currently Verizon needs to underground their overhead lines before Dominion can continue. In the past, Dominion Energy indicated it may take up to three months to complete their work, and a time extension was issued (CO #3). Nevertheless, three months passed and the precise completion of Dominion's work still unknown.

This change order will extend the contract duration by 152 calendar days, based on the assumption that Dominion Energy will complete their work in a timely manner. If Dominion have not completed their work in a timely manner, an additional time extension may be needed. The new project completion date is February 28, 2022.

#### **Change Order Detail and Summary**

No compensation is associated with the proposed time extension; hence *no additional funding authorization is needed* at this time.

#### **Attachments**

- 1. NTSP CO #5 (DES CO #3) including Dominion Schedule email dated 5/26/2021
- 2. Contractor's CPM schedule



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#### **CONSTRUCTION CHANGE ORDER BUDGET SUMMARY**

Please use this form to track change order cost throughout the construction phase

Contractor:	Ardent Company, LLC
Project Name:	Nauck Town Square Improvements
Project No:	NTSP
Prepared by:	Carlos Córdova

Date: 8/3/2021

Revised: 1/12/2020

 Contract #:
 19-129-ITB

 Purchase Order #:
 269874

Account Number to Increase PO: 316 437405 72301 NTSP C18 0000

**TOTAL CONTRACT AUTHORIZATION** 

\$ 4,883,460.00

(PO and Contingency)

ORIGINAL PURCHASE ORDER AMOUNT: \$ 4,220,400.00

(Contract without Contingency)

CONTRACT CONTINGENCY AMOUNT: \$ 633,060.00

TOTAL CHANGE ORDERS INCREASE: \$ 57,522.00

Change #	Amount	Description	Date
CO #1 (DES CO #1)	515 600 00	Ductbank Quantity Overrun: Item #57 (4-8" Standard Ductbank 2W x 2H and 4-4" Standard Ductbank 2W x 2H, All Depths)	1/29/2020
CO #2 (DES CO #2)	\$0.00	Time Extension	4/13/2021
CO #3 (DPR CO #1)	\$27,738.00	Bulletin No. 1 - Freed Sculpture Foundation Revisions	12/23/2020
CO #4 (DPR CO #2)	\$19,359.00	Bulletin No. 3 - Freed Sculpture Revised Lighting	12/23/2020
CO #5 (DES CO #3)	\$0.00	Time Extension	6/14/2021
CO # 6 (DES CO #4)	(\$5,175.00)	DES Overruns and Underruns	7/27/2021
CO # 7 (DES CO #5)	\$0.00	Time Extension	9/20/2021
CO # 8			
CO # 9			
CO # 10			
CO # 11			

AUTHORIZED CONTINGENCY BALANCE: \$575,538.00



Revised: 5/31/2019

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### **CONSTRUCTION CHANGE ORDER FORM**

ITB#:	19-129-ITB	PURCHASE ORDER #:	269874	CHANGE OR	DER #:	7	
PROJECT NAM	ΛE:		Nauck Town	Square Impr	ovements		
PROJECT NO	:			<u>NTSP</u>			
LOCATION AN	ND DESCRIPTIC	ON OF PROPOSED WORK					
		SEE CHANG	E ORDER JUSTIFICA	ATION MEMO			
EXPLANATION	N OF NECESSIT	Y FOR PROPOSED WORK					
			E ORDER JUSTIFICA				
A time extens		152 calendar days will	be allowed for this	work.			
New complet		2/28/2022			457 522 22		
	iginal contract			her C.O. (s):	\$57,522.00		
New contract	: amount:	\$4,277,922.00					
		ECTIM	ATE OF DRODOSE	D WORK			
ITEM NO.	LOCATION	ITEM	ATE OF PROPOSE  QUANTITY	UNIT	UNIT PRICE	INCREASE	DECREASE
1	NTSP	Time Extension	QUANTITI	ONII	1	LS	DECKLASE
	14131	Time Extension			1	LJ	
			Total			\$0.00	\$0.00
			Net Increase	/Decrease		\$0.00	
with the Contracthe adjusted quaprice and/or Con	t provisions and s intities, including of itract Time stipula es that this Change	l/or nonperform as indicated, the work de pecifications and/or other provisions incoloverruns up to twenty-five percent of the ted in this Change Order constitute full, consider represents an all-inclusive and equipment. Except as hereby specifically modifications are company, LLC	rporated herein. Furthe quantities shown hereir omplete and final compe uitable adjustment to th	r, I/we hereby ago The Contractor! ensation for all cose Contract, and fu	ree that the quanti s signature is its agi sts and time associa irther agrees to wa	ties set forth herein verement that the adjusted with this Changeive all rights to make modified remain uncl	will be applicable to ustments in Contract e Order. The further claims
continueron.		FIRM'S NAME			OFFICER OF THE F	IRM	DATE
Carlos	córdo		21		011102110111121		57.112
PROJECT OFFICE	R (CONSTRUCTION	I MANAGER)	DATE				
Joseph ?	Dragasa	9/27/202	21				
DESIGN TEAM SU	JPERVISOR (DETS)		DATE				
Edwar	d Sand	ders 9/27/2021					
CONSTRUCTION	MANAGEMENT SU	JPERVISOR (CMS)	DATE				
18/1	12	9/27/2021					
ENGINEERING BU	JREAU DIVISION C	HIEF (EBC)	DATE				

Memorandum Page 2 of 3

# Attachment #1



**Engineering Bureau** 

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# **Memorandum**

**To:** File **Date:** 06/14/2021

From: Carlos Córdova, Project Officer & Construction Manager

**Subject:** Change Order No. 3 – Time Extension

**Project:** Nauck Town Square Improvements at 2406 Shirlington Rd, Arlington, VA 22206

Project No. – NTSP, Contract No. 19-129-ITB

#### **Background and Justification**

Original project completion date was 04/23/2021, while the current completion date is set to 06/30/2021. Incomplete work to be performed by Dominion Energy (pole removals, utility undergrounding, adjacent housing and park energization, service traffic lights, etc.) has significantly delayed related work by the Contractor and telecommunications utilities (i.e. Verizon). Dominion expects this work to take up to three additional months to complete (see Attachment 1). These delays are outside of the Contractor's control.

This Change Order will add 92 calendar days to the Contract Duration and extends the Completion Date to 09/30/2021 based on information provided by Dominion. Additional time extension(s) may be needed if Dominion does not complete their work in a timely manner.

#### **Change Order Detail and Summary**

The Contractor has not submitted a claim for compensation related to this delay as of today. As such, no compensation is expected to be associated with the proposed time extension; thus, *no additional funding authorization is needed* at this time.

#### **Attachments**

1. NTSP - Dominion Schedule email dated 05/26/2021



ITB #:

19-129-ITB PURCHASE ORDER #:

# DEPARTMENT OF ENVIRONMENTAL SERVICES

Revised: 5/31/2019

**Engineering Bureau** 

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### **CONSTRUCTION CHANGE ORDER FORM**

269874

CHANGE ORDER #:

PROJECT NAM	ИE :		<u>Na</u>	uck Town Sq	uare Improve	<u>ements</u>					
PROJECT NO :		<u>NTSP</u>									
LOCATION AN	ND DESCRIPTIO										
				USTIFICATIO	N MEMO						
EXPLANATIO	N OF NECESSIT				N. N. S.						
A time a system	ion of										
EXPLANATION OF NECESSITY FOR PROPOSED WORK  SEE CHANGE ORDER JUSTIFICATION MEMO  A time extension of New completion date:  Al time extension of New completion date:  A time extension of New contract:  New contract amount:  SESTIMATE OF PROPOSED WORK  SPEC NO. LOCATION ITEM QUANTITY UIT UNIT PRICE INCREASE DECREASE  N/A											
•			220 400 00	Total of oth	or ( ( (s):	\$62.607.00					
	_			Total of oti	iei C.O. (S).	302,097.00					
New Contract	. amount.	<u> 54</u>	,283,097.00								
			ESTIMATE OF	PROPOSED W	/ORK						
SPEC NO.	LOCATION	ITE				UNIT PRICE	INCREASE	DECREASE			
,	,			,	,	,	,	,			
				Total							
				Net Increase/	Decrease		\$0.00				
accordance with will be applicable the adjustments with this Change rights to make for	the Contract prove to the adjusted q in Contract price a Order. The Contra urther claims arisin	isions and specifications quantities, including over and/or Contract Time stip actor agrees that this Chang out of or as a result of	and/or other provision: runs up to twenty-five p pulated in this Change C ange Order represents a	s incorporated her percent of the qua Order constitute fu In all-inclusive and	ein. Further, I/w ntities shown her III, complete and I equitable adjust	e hereby agree the ein. The Contractor final compensation ment to the Contr	at the quantities sor's signature is it or's signature is it on for all costs and fact, and further a	set forth herein s agreement that time associated agrees to waive all			
CONTRACTOR:		Ardent Company,	, LLC	ВУ	12- Noo	shags	6/1	6/2021			
							RM	DATE			
Carl	los Córd	lova	6/16/2021								
^			DATE								
121	12		6/24/21								
			DATE								
Edwa	rd San	ders	6/17/2021								
CONSTRUCTION	MANAGEMENT SU	JPERVISOR (CMS)	DATE								
122	12		6/24/21								
ENGINEERING BU	JREAU DIVISION C	HIEF (EBC)	DATE								



**Engineering Bureau** 

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#### **CONSTRUCTION CHANGE ORDER BUDGET SUMMARY**

Please use this form to track change order cost throughout the construction phase

Contractor:	Ardent Company, LLC
Project Name:	Nauck Town Square Improvements
Project No:	NTSP
Prepared by:	Carlos Córdova

Date: 6/14/2021

Revised: 1/12/2020

 Contract #:
 19-129-ITB

 Purchase Order #:
 269874

Account Number to Increase PO: 316 437405 72301 NTSP C18 0000

**TOTAL CONTRACT AUTHORIZATION** 

\$ 4,883,460.00

(PO and Contingency)

ORIGINAL PURCHASE ORDER AMOUNT:

\$ 4,220,400.00

(Contract without Contingency)

\$ 633,060.00

**TOTAL CHANGE ORDERS INCREASE:** 

**CONTRACT CONTINGENCY AMOUNT:** 

\$ 62,697.00

Change #	Amount	Description	Date
CO #1 (DES CO #1)	\$ 15,600.00	Ductbank Quantity Overrun: Item #57 (4-8" Standard Ductbank 2W x 2H and 4-4" Standard Ductbank 2W x 2H, All Depths)	1/29/2020
CO #2 (DES CO #2)	\$0.00	Time Extension	4/13/2021
CO #3 (DPR CO #1)	\$ 27,738.00	Bulletin No. 1 - Freed Scuipture Foundation Revisions	12/23/2020
CO #4 (DPR CO #2)	\$ 19,359.00	Bulletin No. 3 - Freed Sculpture Revised Lighting	12/23/2020
CO #5 (DES CO #3)	\$0.00	Time Extension	6/14/2021
CO # 6			
CO # 7			
CO # 8			
CO # 9			
CO # 10			
CO # 11			_

AUTHORIZED CONTINGENCY BALANCE:

\$570,363.00

Memorandum Page 2 of 2

# Attachment I

 From:
 Peter Rigby Jr

 To:
 Carlos Cordova Alvira

 Cc:
 Peter Rigby Jr

Subject: RE: NTSP - Dominion schedule

Date: Wednesday, May 26, 2021 9:08:43 AM

Carlos,

Per Dominion they expect to finish in about 2 months (their subconsultant is likely to finish this week – DA Foster). So, I would say a time extension of 2.5 or 3.0 months to be safe? See Denise's response below. Thanks.

It will probably be about 2 months of work after DA is finished. Remember we will need to coordinate work together to change the service to the house and also transfer your service to the traffic lights.

From: Carlos Cordova Alvira <ccordova@arlingtonva.us>

**Sent:** Tuesday, May 25, 2021 11:35 AM **To:** Peter Rigby Jr cprigby@arlingtonva.us>

Subject: NTSP - Dominion schedule

Hello Peter.

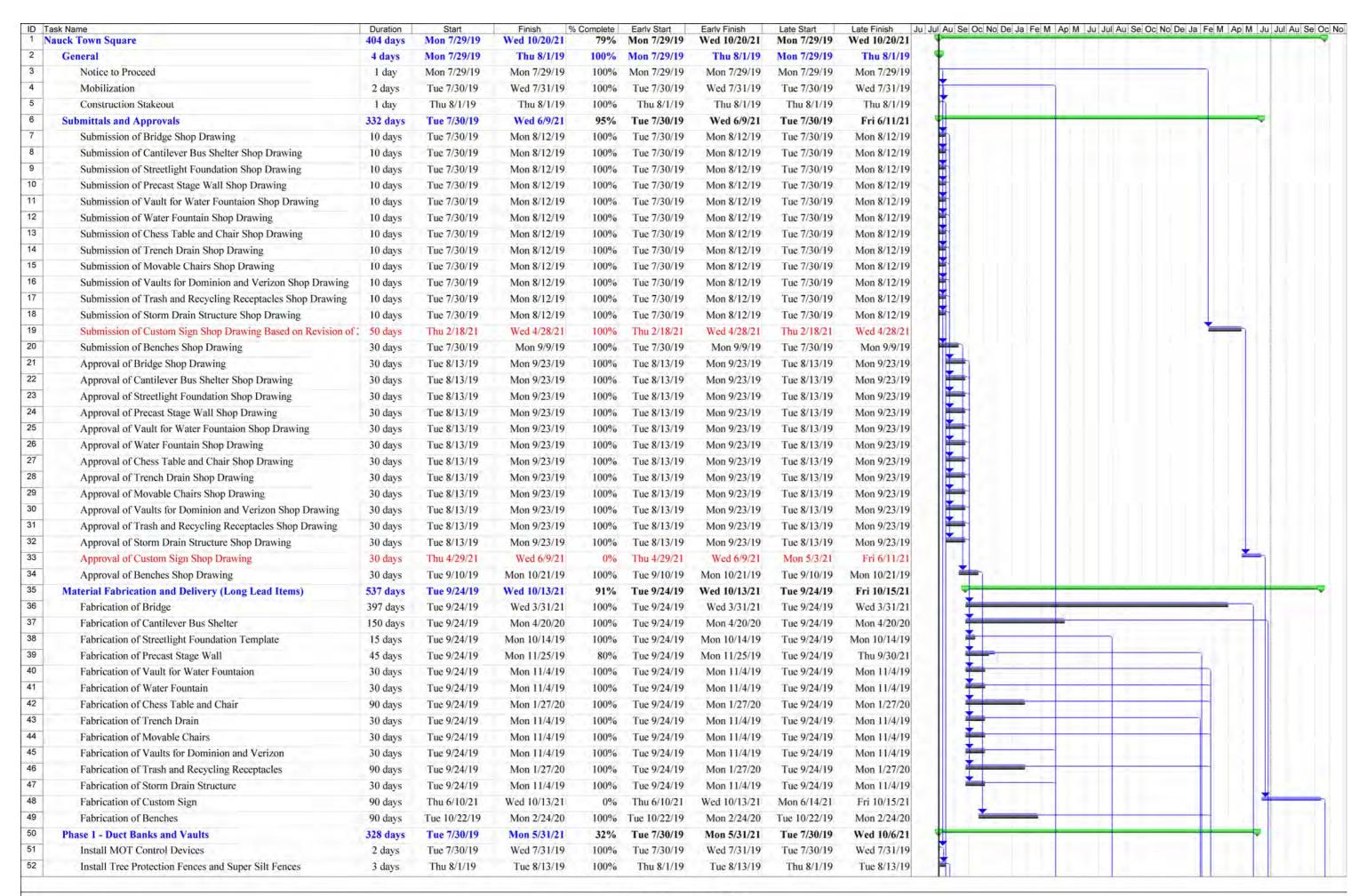
Can you please talk with Denise Stevens from Dominion and ask her about when they expect to finish Nauck?

I want to do a time extension according the input she provides.

Respectfully yours,
Carlos Córdova
Construction Manager
Engineering Bureau
Dept. Of Environmental Services
Arlington County, VA
Desk (703) 228-0764
Mobile: (703) 859-0147

Memorandum Page 3 of 3

# Attachment #2



D 3	Task Name Install Duct Banks	Duration 118 days	Start Wed 8/14/19	Finish % Wed 4/1/20	Complete 100%	Early Start Wed 8/14/19	Early Finish Wed 4/1/20	Late Start Wed 8/14/19	Wed 4/1/20 Au Se Oc No	De Ja Fe M Ap M Ju	Jul Au Se Oc No De Ja	Fe M Ap M	Ju Jul Au Se O
4	Install Vaults	10 days	Thu 4/2/20	Thu 4/23/20	100%	Thu 4/2/20	Thu 4/23/20	Thu 4/2/20	Thu 4/23/20	*			
5	Delay in Ductbank Completion due to Verizon Conflict	287 days	Fri 4/24/20	Mon 5/31/21	0%	Fri 4/24/20	Mon 5/31/21	Mon 8/31/20	Wed 10/6/21	*			
	Phase 2 - Inside the Nauck Square	259 days	Fri 5/8/20	Tue 10/19/21	74%	Fri 5/8/20	Tue 10/19/21	Fri 5/8/20	Wed 10/20/21				
-	Install MOT and Erosion Control Devices	2 days	Fri 5/8/20	Thu 5/21/20	100%	Fri 5/8/20	Thu 5/21/20	Fri 5/8/20	Thu 5/21/20	*			
-	Perform Clearing and Grubbing and Remove Trees	2 days	Fri 5/8/20	Thu 5/21/20	100%	Fri 5/8/20	Thu 5/21/20	Fri 5/8/20	Thu 5/21/20	1			
	Perform Rough Grading Inside the Park	7 days	Fri 5/22/20	Tue 6/2/20	100%	Fri 5/22/20	Tue 6/2/20	Fri 5/22/20	Tue 6/2/20	*			
-	Install Waterline for Fountain and Vaults	1 day	Wed 6/3/20	Wed 6/3/20	100%	Wed 6/3/20	Wed 6/3/20	Wed 6/3/20	Wed 6/3/20	<u>*</u>			
-	Install PVC Pipes and Drain Basins	14 days	Fri 5/22/20	Thu 6/11/20	100%	Fri 5/22/20	Thu 6/11/20	Fri 5/22/20	Thu 6/11/20	₹.			
1	Construct Boulder Weir Wall	38 days	Fri 6/12/20	Mon 4/19/21	100%	Fri 6/12/20	Mon 4/19/21	Fri 6/12/20	Mon 4/19/21				
1	Construct Footing for Precast Stage Walls and East West Seatwall	and the second	Fri 6/26/20	Fri 7/10/20	100%	Fri 6/26/20	Fri 7/10/20	Fri 6/26/20	Fri 7/10/20	9			
+	Construct Abutments for Three Steel Bridges	143 days	Wed 7/22/20	Fri 4/30/21	100%		Fri 4/30/21	Wed 7/22/20	Fri 4/30/21		+		
ł	Construct Footings for Streetlight Poles and LED Lights Poles	10 days	Thu 7/30/20	Thu 8/20/20	100%		Thu 8/20/20	Thu 7/30/20	Thu 8/20/20				
1	Construct Retaining Walls with Footings	15 days	Thu 7/30/20	Thu 8/27/20	100%	Thu 7/30/20	Thu 8/27/20	Thu 7/30/20	Thu 8/27/20				
	Construct Structured Stormwater Wall	10 days	Fri 8/28/20	Fri 9/11/20	100%	Fri 8/28/20	Fri 9/11/20	Fri 8/28/20	Fri 9/11/20		*		
	Install Conduits (Trenched and bored) for Lighting	10 days	Fri 8/21/20	Thu 9/3/20	100%	Fri 8/21/20	Thu 9/3/20	Fri 8/21/20	Thu 9/3/20		*		
	Install Junction Boxes	4 days	Fri 9/4/20	Thu 9/3/20	100%	Fri 9/4/20	Thu 9/10/20	Fri 9/4/20	Thu 9/10/20		*		
	Construct Dry Swale and Microbio Rretention	10 days	Tue 9/22/20	Mon 10/5/20	100%		Mon 10/5/20	Tue 9/22/20	Mon 10/5/20		*		
1	Anchor Bolts and Templates for Freed Structure (To be provided	0 days	Mon 10/5/20	Mon 10/5/20 Mon 10/5/20		Mon 10/5/20	Mon 10/5/20 Mon 10/5/20	Mon 10/5/20	Mon 10/5/20				,
	by County)												
	Delay in Floodlight Due to CO#2	119 days	Wed 12/16/20	Mon 5/31/21		Wed 12/16/20	Mon 5/31/21	Mon 3/1/21	Thu 8/12/21				
	Foundation for FREED Sculpture	2 days	Wed 6/16/21	Thu 6/17/21	0%		Thu 6/17/21	Fri 8/20/21	Mon 8/23/21				
	Construct Stage Deck with Concrete	5 days	Tue 1/5/21	Tue 6/22/21	50%	Tue 1/5/21	Tue 6/22/21	Tue 1/5/21	Wed 10/20/21		9		1
	Construct New Curb and Gutter	7 days	Thu 10/15/20	Fri 10/30/20	100%	Thu 10/15/20	Fri 10/30/20	Thu 10/15/20	Fri 10/30/20		7=1		
	Install Water Meter and Service Taps	2 days	Mon 11/2/20	Tue 11/3/20	100%	Mon 11/2/20	Tue 11/3/20	Mon 11/2/20	Tue 11/3/20				
	Construct Trench Drain/Diversion Channel	31 days	Mon 2/1/21	Thu 4/1/21	100%	Mon 2/1/21	Thu 4/1/21	Mon 2/1/21	Thu 4/1/21				
	Continous Soil Panel	24 days	Tue 11/17/20	Thu 12/31/20	100%	Tue 11/17/20	Thu 12/31/20	Tue 11/17/20	Thu 12/31/20				
	Construct Reinforced Concrete Sidewalk	25 days	Mon 11/23/20	Thu 6/24/21	82%	Mon 11/23/20	Thu 6/24/21	Mon 11/23/20	Tue 10/19/21		9= -		1
	Install Busshelter	1 day	Thu 6/24/21	Fri 6/25/21	0%	Thu 6/24/21	Fri 6/25/21	Wed 10/20/21	Wed 10/20/21				Ĩ
	Install Pavers and Step Stone	8 days	Thu 1/21/21	Fri 2/26/21	100%	Thu 1/21/21	Fri 2/26/21	Thu 1/21/21	Fri 2/26/21		2		
	Install Precast Stage Walls	4 days	Thu 2/4/21	Fri 3/19/21	55%	Thu 2/4/21	Fri 3/19/21	Thu 2/4/21	Mon 10/4/21		9		
	Install 3 Bridges with toekick	3 days	Mon 5/24/21	Wed 5/26/21	5%	Mon 5/24/21	Wed 5/26/21	Mon 5/24/21	Wed 10/6/21			1	
	Install Bike Racks, Chess Tables, Trash Receptacles, Water Fountain, Movable Chairs, Wooden Benches	12 days	Tue 2/23/21	Tue 6/1/21	83%	Tue 2/23/21	Tue 6/1/21	Tue 2/23/21	Fri 10/8/21			98 6	
	Install Nauck Town Square Signage	2 days	Mon 10/18/21	Tue 10/19/21	0%	Mon 10/18/21	Tue 10/19/21	Mon 10/18/21	Tue 10/19/21				
	Pull Conductor Cables in New Conduit	3 days	Fri 9/11/20	Wed 9/23/20	100%	Fri 9/11/20	Wed 9/23/20	Fri 9/11/20	Wed 9/23/20		*		
	Install Brackets and Luminaires For Existing Poles	2 days	Thu 9/24/20	Fri 9/25/20	100%		Fri 9/25/20	Thu 9/24/20	Fri 9/25/20		<b>E</b>		1
	Install Streetlight and LED Poles, Luminaires and Fixtures	5 days	Fri 10/9/20	Thu 10/15/20	100%	Fri 10/9/20	Thu 10/15/20	Fri 10/9/20	Thu 10/15/20		Tay		
	Energize All New Light Poles	1 day	Tue 10/27/20	Tue 10/27/20	100%		Tue 10/27/20	Tue 10/27/20	Tue 10/27/20		*		
	Phase 3 - Work Outside Nauck Square	163 days	Thu 4/2/20	Tue 3/2/21	44%	Thu 4/2/20	Tue 3/2/21	Thu 4/2/20	Tue 10/19/21			-	
	Install MOT and Erosion Control Devices	1 day	Thu 4/2/20	Thu 4/2/20	100%	Thu 4/2/20	Thu 4/2/20	Thu 4/2/20	Thu 4/2/20	The second second			
	Construct Storm Drain Structures and Pipes	6 days	Thu 4/2/20	Fri 4/17/20	100%	Thu 4/2/20	Fri 4/17/20	Thu 4/2/20	Fri 4/17/20				
	Construct New Curb and Gutter	2 days	Mon 4/20/20	Tue 4/21/20	100%		Tue 4/21/20	Mon 4/20/20	Tue 4/21/20	*			
	Construct Sidewalk Behind the New C&G	2 days	Thu 5/21/20	Fri 5/22/20	100%	Thu 5/21/20	Fri 5/22/20	Thu 5/21/20	Fri 5/22/20	1			
	Construct Raised Crosswalk With Full Depth Repair	6 days	Mon 2/1/21	Tue 2/16/21	0%		Tue 2/16/21	Tue 9/21/21	Tue 9/28/21		3	-	
	Perform Milling and Paving	6 days	Wed 2/17/21	Wed 2/24/21	0%		Wed 2/24/21	Wed 9/29/21	Wed 10/6/21	7		*	
	Install Permanent Pavement Marking and Signs	2 days	Mon 3/1/21	Tue 3/2/21	0%	Mon 3/1/21	Tue 3/2/21	Mon 10/18/21	Tue 10/19/21			*	
	Phase 4 - Landscape Work and Completion	257 days	Tue 5/26/20	Wed 10/20/21	20%		Wed 10/20/21	Tue 5/26/20	Wed 10/20/21	-			
	Place Topsoil	3 days	Tue 5/26/20	Thu 5/28/20	100%		Thu 5/28/20	Tue 5/26/20	Thu 5/28/20	7			
	Streetscape and Planting	10 days	Fri 5/29/20	Thu 6/11/20	0%		Thu 6/11/20	Tue 9/28/21	Mon 10/18/21	*			
	Sculpture Install (By Others)	1 day	Tue 8/10/21	Tue 8/10/21	0%		Tue 8/10/21	Tue 10/19/21	Tue 10/19/21				*
	Completion and Demobilization	1 day	Wed 10/20/21	Wed 10/20/21		Wed 10/20/21	Wed 10/20/21		Wed 10/20/21				