			CONSTRUCTIO			ON TYPE C	ODE		-		SUMMA	RY OF QUANTITIES		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	100% STATE 0005	80% FED 20% STATE COOK 0005	80% FED 20% STATE WILL 0005	20% STATE COOK PEDESTRIAN SIGNAL 0021	80% FED 20% STATE COOK CULVERT 0004			CODE NO		ITEM	UN
42001 300	PROTECTIVE COAT	SO YD	500		500						54003000	CONCRETE BOX	CULVERTS	CU Y
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	4, 050		4,050						59100100	GEOCOMPOSITE	WALL DRAIN	so '
42400800	DETECTABLE WARNINGS	SO FT	680		680						60146304	PIPE UNDERDR	AINS FOR STRUCTURES 4"	FO
44000158	HOT-MIX ASPHALT SURFACE REMOVAL,	SO YD	34, 850		31, 713	3, 137					63000001	STEEL PLATE	BEAM GUARDRAIL, TYPE A, 6 FOOT	FC
	2 1/4											POSTS		
											63000030	STRONG POST	GUARDRAIL ATTACHED TO CULVERT	FO
44000600	SIDEWALK REMOVAL	SO FT	4, 050		4,050						63200310	GUARDRAIL RE	MOVAL	F(
										] <b>*</b>	63100167	TRAFFIC BARRIEF	R TERMINAL, TYPE 1 (SPECIAL)	EA
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	265		250	15				18		TANGENT		
										- Č  *	66900200	NON-SPECIAL	WASTE DISPOSAL	<u>+</u>
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SO YD	315		300	15				*	66900530	SOIL DISPOS	AL ANALYSIS	EA
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SO YD	370		350	20				*	66901001	REGULATED SU	3STANCES PRE-CONSTRUCTION PLAN	L
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	151		1 3 8	13				*	66901003	REGULATED SU	STANCES FINAL CONSTRUCTION	L :
												REPORT		<u> </u>
50102400	CONCRETE REMOVAL	CU YD	33					33						
										*	66901006	REGULATED SU	STANCES MONITORING	CAL
50200100	STRUCTURE EXCAVATION	CU YD	111					111						
											67000400	ENGINEER'S	FIELD OFFICE, TYPE A	CAL
50300300	PROTECTIVE COAT	SO YD	14					14						
											67100100	MOBILIZATIO	N	LS
50800105	REINFOREMENT BARS	POUND	3210					3210						
											70102620	TRAFFIC CON	TROL AND PROTECTION, STANDARD	LS
52200015	PERMANENT SHEET PILING	SO FT	3925					3925				701501		
52200020	TEMPORARY SOIL RETENTION SYSTEM	SO FT	490					490			70102635	TRAFFIC CON	TROL AND PROTECTION, STANDARD	LS
												701701		
FILE NAME = pw:\Vidot-pw.bentley.co	USER NAME = homwim D om/PWIDDT-Occuments/VDDT Offices/District NProjects/Di033/8/CADData/Design/Di033/8-snt-ScD20 PLOT SCALE = 100,0000 '/ In, C	ESIGNED - PAAWN - HECKED -		REVISED REVISED REVISED	- - -		D	ST EPARTME	ATE OF NT OF	IL TR/	LINOIS Ansport <i>a</i>	TION	WOLF RD (US 6, SOU SUMMARY	THWES
	PLOT DATE = 6/13/2022 D	ATE -		REVISED	-								SUALE:   SHEET NO. OF	SHEETS

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т	OUANTITIES	100% STATE	20% 514		СООК	COOK								
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т нw	Y TO 183RD	PL)	F.A. RTE	J. SECTI	ON		EETS NO.							
JANTI	TIES	•	268	3 2017-04	0-RS 0		96 5							
STA.	т	D STA.	FED.	ROAD DIST. NO. 1 1	LINOIS FED. AID	PROJECT	U. 02F75							

ſ		SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		SUMMARY OF QUANTITIES						CO	NSTRUCTIO	N TYPE C	ODE				
	CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	100% STATE 0005 0005	80% FED 20% STATE WILL 0005	80% FED 20% STATE COOK PEDESTRIAN SIGNAL 0021	80% FED 20% STATE COOK CULVERT 0004		CODE NO		ITEM	UNIT	TOTAL QUANTITIES URBAN	100% STATE 0005	80% FED 20% STATE COOK 0005	80% FED 20% STATE WILL 0005	80% FED 20% STATE COOK PEDESTRIAN SIGNAL 0021	80% FED 20% STATE COOK CULVERT 0004	
ŧ	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO, 14 2C	FOOT	880			880			X0900064	MEMBRANE WATE	ERPROOFING SYSTEM FOR BURIED	SO YD	43					43	
ŀ											STRUCTURES									
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO, 14 3C	FOOT	895			895													
										X0900075	COFFEERDAM (1	TYPE 1) (IN-STREAM/WETLAND	EACH	8					8	
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT	FOOT	1 35			1 35				WORK)									
		GROUNDING CONDUCTOR, NO. 6 1C																		
									k	* x1400367	PEDESTRIAN SI	IGNAL POST, 10 FT.	EACH	3				3		
*	87900200	DRILL EXISITING HANDHOLE	EACH	3			3													
										X2020110	GRADING AND S	SHAPING SHOULDERS	UNIT	96		88	8			
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE,	EACH	4			4													
		BRACKET MOUNTED WITH COUNTDOWN TIMER								X4400501	COMBINATION	CURB AND GUTTER REMOVAL	FOOT	350		350				
											AND REPLACEN	MENT LESS THAN OR TO 10 FEET						m		4
*	88600600	DETECTOR LOOP REPLACEMENT	FOOT	2, 209	1, 445		764			x6330725	STEEL PLATE 8	EAM GUARDRAIL ( SHORT RADIUS)	FOOT	25					25	3
										x7010216	TRAFFIC CONTR	ROL AND PROTECTION, (SPECIAL)								
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1												
										X8760200	ACCESSIBLE PE	EDESTRIAN SIGNALS	EACH	12				12		
	89502200	MODIFY EXISTING CONTROLLER	EACH	1			1													
										X8780012	CONCRETE FOUN	NDATION, TYPE A 12-INCH	FOOT	12				12		
	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1				DIAMETER									
.	K0029624	WEED CONTROL, TEASEL	GALLON	2	1	1				X8950212	MODIFY EXISTI	ING CONTROLLER CABINET, SPECIA	L EACH	1					1	
.	к 1004595	PRUNING FOR SAFETY AND EOUIPMENT CLEARANCE	L SUM	1	0. 9	0.1				Z0012754	STRUCTURAL RE	EPAIR OF CONCRETE (DEPTH EQUAL	SO FT	20					20	
Ì											TO OR LESS TH	HAN 5 INCHES)								
	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	0. 9	0.1														
										Z0018100	DRAINAGE STR	UCTURES ADJUSTMENT (SPECIAL)	EACH	2		2				
	x0325222	WEED CONTROL, BASAL TREATMENT	GALLON	12	11	1														
										Z0018500	DRAINAGE STR	UCTURES TO BE CLEANED	EACH	20	20					
	x0327036	BIKE PATH REMOVAL	SO YD	150	150															<u> </u>
										Z0004562	COMBINATION	CONCRETE CURB AND GUTTER	FOOT	300		300				<u> </u>
											REMOVAL AND	REPLACEMENT			VISED SHE	ET 7/14/20	22	* = ∆ =	SPECIALTY NON-PARTI WORK (100	(ITEMS ICIPATING 0% STATE)
	FILE NAME =	USER NAME = hannvlm DES ann-PWIDOT-Occuments/DOT Offices/District NPrajects/Di033/8/csth-sci0.2004	IGNED - WN -		REVISED - REVISED -			ST	ATE OF I			WOLF RD (US 6, SOU	THWEST HW	/Y TO 183RD	PL)	F.A.U. RTE.	SECTI	ON CON		OTAL SHEET HEETS NO.
		PLOT SCALE = 100,0000 '/ In. CHEI	CKED -		REVISED -		D	EPARTME	NT OF TF	RANSPORTA	TION		OF QUANT	ITIES	0 514	2088	2017-04		CONTRACT N	<b>10.</b> 62F75
PLUI UAIE = 6/13/2022 UAIE - REVISED - SCAL									STALL:   SHELL NU. UP	JHELIS   SIA	• 1	U JIA.	FED. RO	AU UIST. NO. 1 II	LINUIS FED. AID	PRUJECT				

**REV-SEP** 



7/8/2022 10:59:09 AM

1. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished

Layout of the slope protection system may be varied to suit ground conditions in the field as

3. Protective coat shall not be applied to surfaces to which Waterproofing Membrane System is

4. A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the

5. Existing reinforcement shall be cleaned and incorporated into the new construction. Cost

6. It shall be the responsibility of the contractor to divert the stream flow during construction in order to keep the construction area free of water. The method of the water diversion shall be subject to the approval of the Engineer and the cost shall be included with the cost of Concrete Box Culverts. See Erosion Control Plans for more information.

7. Protective coat shall be applied to the top of headwall.

All exposed concrete edges shall be chamfered 3#4" except as noted.

Extra caution shall be taken when installing permanent sheet piling and temporary soil retention system in the vicinity of aerial wires. It is the Contractor's responsibility to repair or replace the damaged utilities caused by the construction operations to the original

Remove and replace 5'-0" (as measured perpendicular to headwall) of barrel top slab and walls in-kind at each end.

Construct permanent steel sheetpile wingwalls in front of existing wingwalls. Excavate behind existing wingwalls. Abandon existing cast-in-place wingwalls in-place.

3. Perform structural repair of concrete on faces of centerwall paid for under Structural Repair of Concrete (Depth equal to of less than 5 inches).

4. Place backfill behind permanent sheet pile wingwalls after the ends of the culvert are constructed and sheet pile installation is completed. See Article 502.10 for

FICATIONS	-	1017		01 1474			-
Specifications		17	ΓEM		UNIT	TOTAL	
20 11	Channel Ex	cavati	on		Cu Yd	194	1
20-44	Channel Exe	cavati	on		Cu Yd	139	1
earing surface.	Porous Gra	nular	Backfill		Cu Yd	40	1
ESSES	Concrete Re	emovai	1		Cu Yd	29	
IG CONDITIONS	Structure E	xcava	tion		Cu Yd	100	
io compilitions	Protective (	Coat			Sq Yd	12	
nforcoment)	Reinforcem	ent Ba	nrs		Pound	2950	
	Permanent	Sheet	Piling		Sq Ft	3255	
EFAIRS	Temporary	Soil R	letention S	System	Sq Ft	454	
or comont )	Concrete Bo	ox Cul	verts		Cu Yd	30	
sheet niling)	Geocomposi	te Wa	ll Drain		Sq Yd	28	
Sheet philig)	Pipe Under	drains	For Strue	Foot	56		
St.	Membrane V Buried Stru	Vaterp Icture	proofing S	ystem For	Sq Yd	40	
	Structural Equal to or	Repair Less	of Concr than 5 In	ete (Depth ches)	Sq Ft	20	
	GENE	RAL	PLAN A	AND ELI	EVATIO	N	
14Ve	WOLF	ROA	d over	MARLE	Y CREI	Ξ <u>Κ</u>	
$2 \frac{St}{2} \frac{St}{m} \frac{St}{F}$	A.U. ROUT	E 26	5 <u>88 - 5</u>	ECTION	2017-	040-F	<u>≀S</u>
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			соок с	OUNTY			
<u>ETCH</u>	STRI	істі		ARER O	$16_{-1}/1$	a	
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		2688	2017 <b>-</b> 0	40-RS	COOK	96	36
LUCATION I)					CONTRAC	T NO. 62F	75
SHEETS				ILLINOIS FED. AL	PROJECT		

## TOTAL RILL OF MATERIAL



7/8/2022 8:52:54 AM

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the

Protective coat shall not be applied to surfaces to which Waterproofing Membrane System is applied.

A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including

Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with

6. It shall be the responsibility of the contractor to divert the stream flow during construction in order to keep the construction area free of water. The method of the water diversion shall be subject to the approval of the Engineer and the cost shall be included with the cost of Concrete Box Culverts. See Erosion Control Plans

Extra caution shall be taken when installing permanent sheet piling and temporary soil retention system in the vicinity of aerial wires. It is the Contractor's responsibility to repair or replace the damaged utilities caused by the construction operations to the original condition at Contractor's own expense.

	<u>T07</u>	AL B	ILL OF M	IATEF	RIAL							
arrel top slab		ITEM		U	NIT	ТОТ	AL					
	Channel Excav	ation		Cu	.Yd.	.36	5					
	Furnished Exc	avation		Cu	.Yd.	14	4					
etpile	Porous Granul	ar Back	fill	.Yd.	3.	3						
wingwalls.	Stone Riprap,	Class A	5	Sq	.Yd.	16	5					
walls.	Filter Fabric			Sq	.Yd.	16	5					
ing wingwall.	Protective Coa	t		Sq	.Yd.	1	2					
e wingwalls	Concrete Remo	val		Cu	.Yd.	3.	4					
	Structure Exc.	avation		Cu	.Yd.	1.	1					
nt choot nilo	Reinforcement	Bars		Pc	ound	26	0					
he culvert are	Permanent She	eet Pilir	ng	Sq	. Ft.	67	0					
tallation is	Temporary So	l Reten	tion System	Sq	. Ft.	36	5					
for Standard	Concrete Box	Culverts	5	Cu	. Yd.	2	2					
TOT Stanuaru	Geocomposite	Wall Dr	ain	Sq	. Yd.	5	2					
	Pipe Underdra	in for S	Structures 4	1" F	oot	19	2					
14	Membrane Wat	erproof	ing System	Sc	ı.Yd.	3	2					
surface	for Buried Str	ructures										
Surrace.	HIGH	AM AY	CLASSIE		ΙΟΝ							
5	11101	Rto	EAU 2699	ICAI	101							
	Funct	Kte. F.A.U. 2688 Hinor Artorial										
<u>NDITIONS</u>		CTIONAI CIASS: MINOR ARTERIAI 11 200 (2018): 18 200 (2028)										
	ADT	T: 234	(2018): 549	(2036)	0)							
cement)	101	DHV: 1,830 (2038)										
IRS	Ľ	Design S	peed: 45 m.	.p.h.								
		Posted	Speed: 45	m.p.h.								
ment)		Two-Way Traffic										
et piling)	Dire	ctional	Distribution	: 50/50								
	DES	IGN S	PECIFIC		NS							
. <i>M</i> .			tandard En	ocificat	ione							
	2002 AF	ASHIU Standard Specifications										
4	101 111	gnway i	briuges, in	.n Lunu	011							
	GENEI	RAL P	LAN AND	) ELE	VAT	ION	1					
	WOLE ROA	AD OVER MARIEY CREEK TRIB										
2		E 2688 SECTION 2017 040 PS										
st 98	1.A.U. NUUTL	L 2000 - SECTION 2017-040-RS										
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		F.A.U.			SED S		T 7/14	/2022 SHEET				
		F.A.U. RTE 2688				HEE	T 7/14	/2022 SHEET NO. 37				
PLAN OCATION 2)	)	F.A.U. RTE 2688	2017-040-RS				T 7/14, TOTAL SHEETS 96 T NO. 62	/2022 SHEET NO. 37 2F75				