

SUMMARY OF QUANTITIES				URBAN URBAN URBAN CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE	0005 100% CITY	0021 100% CITY
<del>* 88800100</del>	<del>PEDESTRIAN PUSH BUTTON</del>	<del>EACH</del>	<del>10</del>	<del>5</del>		<del>5</del>
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3985	1992.5		1992.5
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1		1
89502380	REMOVE EXISTING HANDHOLE	EACH	2	1		1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3	1.5		1.5
* X0324543	RELOCATE EXISTING CONFIRMATION BEACON	EACH	2	1		1
X4060995	TEMPORARY RAMP, SPECIAL	SO YD	1069	1069		
X4400500	COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)	FOOT	23	23		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	665	665		
X4402805	ISLAND REMOVAL	SO FT	195	195		
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	23	23		
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10	5		5
Z0016702	DETOUR SIGNING	L SUM	1	1		
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	14	14		

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0005	0021

\* SPECIALTY ITEM

⚠️ REVISED 4-12-2022

MODEL: Default  
FILE NAME: p:\ultracaw\berkeley.com\PWIDOT\Documents\DOT Off\Esri\Project\74797\CADD\DATA\CAD\Sheet\74797-sh-SD00.dgn

USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/20/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	12ZRS-2	EFFINGHAM	107	7
				CONTRACT NO. 74797
ILLINOIS FED. AID PROJECT				

# BILL OF MATERIALS - TEMPLE

CODE	ITEM	UNIT	QUANTITY
72000100	SIGN PANEL-TYPE 1	SOFT	30
72000200	SIGN PANEL-TYPE 2	SOFT	56
81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA	FOOT	73
81028330	UNDERGROUND CONDUIT, PVC, 1-1/4" DIA	FOOT	70
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	62
81028360	UNDERGROUND CONDUIT, PVC, 2-1/2" DIA	FOOT	11
81400100	HANDHOLE	EACH	2
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	822
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1371
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1054
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN NO 14 1 PAIR	FOOT	870
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	209
87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT	EACH	1
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	2
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	7
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT	EACH	2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26
87900200	DRILL EXISTING HANDHOLE	EACH	7
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2

CODE	ITEM	UNIT	QUANTITY
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8
88600100	DETECTOR LOOP, TYPE 1	FOOT	727
<del>88800100</del>	<del>PEDESTRIAN PUSH BUTTON</del>	<del>EACH</del>	<del>8</del>
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3439
89502380	REMOVE EXISTING HANDHOLE	EACH	2
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X0324543	RELOCATE EXISTING CONFIRMATION BEACON	EACH	2
<del>X8760200</del>	<del>ACCESSIBLE PEDESTRIAN SIGNALS</del>	<del>EACH</del>	<del>8</del>



⚠️ REVISED 4-11-2022

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USER NAME = bakeral	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/11/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF US 45 (3rd St) & TEMPLE AVE  
BILL OF MATERIALS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	12ZRS-2	EFFINGHAM	107	90
CONTRACT NO. 74797				
ILLINOIS FED. AID PROJECT				



Illinois Department  
of Transportation  
Division of Highways  
IDOT D7

# SOIL BORING LOG

Date 3/28/22

ROUTE FAP 328 (US 45) DESCRIPTION Intersection of 3rd Street and Temple Avenue LOGGED BY E. Sandschafer

SECTION 12ZRS-2 LOCATION East 1/2, SEC. 21, TWP. 8N, RNG. 6E, 3rd PM,  
Latitude N 39.127391, Longitude W 88.541010

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

STRUCT. NO. Traffic Signal Mast  
Arm  
Station 127+32.2

BORING NO. B-1 (Northwest Corner)  
Station 127+16  
Offset 75.9 ft LT  
Ground Surface Elev. 601.00 ft

	D	B	U	M	Surface Water Elev.	ft
	E	L	C	O	Stream Bed Elev.	ft
	P	O	S	I		
	T	W	Qu	S	Groundwater Elev.:	
	H	S		T	First Encounter	ft
					Upon Completion	ft
	(ft)	(/6")	(tsf)	(%)	After	ft
Concrete	600.27				N/A	
Wet, grey, silty CLAY					N/A	
	598.70	2				
Very stiff, moist, brown CLAY		3	2.9	27		
w/silt		4	B			
	-5	2				
		2	1.0	23		
		3	B			
		1				
		1	1.4	23		
		3	B			
	-10	1				
		2	1.7	19		
Stiff, moist, brown, sandy LOAM		3	B			
	589.00					
Very stiff, moist, brown, sandy		3				
clay LOAM (Till)		14	3.7	10		
		19	B			
	586.50					
Hard, moist, brown, Clay LOAM		3				
(Till)		26	4.3	11		
	585.00	50	B			
Benchmark: Boring elevation		4-3/4				
estimated from Google Earth data.						
End of Boring						
	-20					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer,  
NT-Not Tested.

BBS, form 137 (Rev. 8-99)

MODEL: Default  
FILE: \\idc-cw-bentley.com\PI\IDOT\Documents\IDOT Office\Dhurdt, J\Projects\17497\1\000Data\CAD\Sheets\17497-15-Temple Ave.dgn  
SOIL BORING 025-1506 2022.GPJ IL\_DOT.GBT 4/4/22

△ REVISSED SHEET 4-12-2022

USER NAME = bakeral	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION OF US 45 (3rd St) &amp; TEMPLE AVE BORING LOGS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -			328	12ZRS-2	Effingham	107	96
PLOT DATE = 4/4/2022	DATE -	REVISED -			CONTRACT NO. 74797				
					ILLINOIS	FED. AID PROJECT			

# BILL OF MATERIALS - EVERGREEN

CODE	ITEM	UNIT	QUANTITY
72000100	SIGN PANEL-TYPE 1	SQFT	6
81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA	FOOT	11
81400100	HANDHOLE	EACH	2
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	176
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	11
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	1
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT	EACH	2
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	2
87900200	DRILL EXISTING HANDHOLE	EACH	2
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION BRACKET MOUNTED	EACH	5
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION BRACKET MOUNTED	EACH	1
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION BRACKET MOUNTED	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	7
88600100	DETECTOR LOOP, TYPE 1	FOOT	689
<del>88800100</del>	<del>PEDESTRIAN PUSH BUTTON</del>	<del>EACH</del>	<del>2</del>
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	546
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
<del>X8760200</del>	<del>ACCESSIBLE PEDESTRIAN SIGNALS</del>	<del>EACH</del>	<del>2</del>



△ REVISED 4-12-2022

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 FILE: \\nas01c-pw-bentley.com\PWIDOT\Documents\DOT\_Offices\Bridgt. 7\Projects\74797\CADD\BOM\BOM.dwg  
 74797-15-Evergreen Ave.dgn

USER NAME = bakeral PLOT SCALE = 20.0000 ' / in. PLOT DATE = 4/11/2022	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION OF US 45 (3rd St) &amp; EVERGREEN ST BILL OF MATERIALS</b>	F.A.P. RTE. 328 SECTION 12ZRS-2 COUNTY EFFINGHAM TOTAL SHEETS 107 SHEET NO. 97 CONTRACT NO. 74797	SCALE: SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT
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# TOTAL BILL OF MATERIALS

CODE	ITEM	UNIT	QUANTITY
72000100	SIGN PANEL-TYPE 1	SQFT	36
72000200	SIGN PANEL-TYPE 2	SQFT	56
81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA	FOOT	73
81028330	UNDERGROUND CONDUIT, PVC, 1-1/4" DIA	FOOT	70
81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA	FOOT	11
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	62
81028360	UNDERGROUND CONDUIT, PVC, 2-1/2" DIA	FOOT	11
81400100	HANDHOLE	EACH	4
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	998
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1371
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1054
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN NO 14 1 PAIR	FOOT	870
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	220
87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT	EACH	1
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	3
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT	EACH	2
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	9
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT	EACH	2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26
87900200	DRILL EXISTING HANDHOLE	EACH	9

CODE	ITEM	UNIT	QUANTITY
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	7
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION BRACKET MOUNTED	EACH	1
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	10
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	15
88600100	DETECTOR LOOP, TYPE 1	FOOT	1416
<del>88800100</del>	<del>PEDESTRIAN PUSH BUTTON</del>	<del>EACH</del>	<del>10</del>
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3985
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
89502380	REMOVE EXISTING HANDHOLE	EACH	2
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3
X0324543	RELOCATE EXISTING CONFIRMATION BEACON	EACH	2
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10



⚠️ REVISED 4-12-2022

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USER NAME = bakeral	DESIGNED -	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 4/11/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF US 45 (3rd St) & TEMPLE AVE & EVERGREEN ST  
TOTAL BILL OF MATERIALS - SIGNALS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 328	SECTION 12ZRS-2	COUNTY EFFINGHAM	TOTAL SHEETS 107	SHEET NO. 98
			CONTRACT NO. 74797	
		ILLINOIS FED. AID PROJECT		