SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE: ROADWAY 0004 FED 80% STATE 20%	TRAFFIC 0021 FED 80% STATE 20%	BIKE PATH 0028 FED 80% VILLAGE 20% (GLENVIEW)	TRAFFIC 0021 FED 80% STATE 10% VILLAGE 10% (GLENVIEW)	TRAFFIC 0021 VILLAGE 100% (GLENVIEW)	ROADWAY 0004 STATE 100%
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE	TON	1246	1246					
	COURSE, IL-9.5, MIX "E", N70								
42001300	PROTECTIVE COAT	SQ YD	545	545					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2130	2130					
42400800	DETECTABLE WARNINGS	SQ FT	230	230					
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	11407	11407					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	76	76					
44000400	GUTTER REMOVAL	FOOT	150	150					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1010	1010					
44000600	SIDEWALK REMOVAL	SQ FT	2130	2130					
44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SQ YD	368	368					
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	149	149					
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	260	260					
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	149	149					
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	635	635					

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55100500	STORM SEWER REMOVAL 12"	FOOT	500	500					
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	1005	1005					
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE	EACH	3	3					
	24 FRAME AND GRATE								
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND	EACH	7	7					
	GRATE								
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1	EACH	3	3					
	FRAME, CLOSED LID								
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	3	3					
60500050	REMOVING CATCH BASINS	EACH	16	16					
60500060	REMOVING INLETS	EACH	1	1					
60605000	COMBINATION CONCRETE CURB AND GUTTER,	FOOT	1010	1010					
	TYPE B-6.24								
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	2330	2330					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	340	340					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION	LSUM	1	1					
	PLAN								

1

1 REV. SHEET 9/3/2020

* SPECIALTY ITEMS

REV-SEP

FILE NAME = pw:\\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\PI7\109\CADData\Design\PI7\109-sht-SOQ.dgn	USER NAME = paraymool	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/6/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLOW ROAD AT PFINGSTEN ROAD
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	1719-N(14)	COOK	80	4

CONTRACT NO. 60Y23

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE: ROADWAY 0004 FED 80% STATE 20%	TRAFFIC 0021 FED 80% STATE 20%	BIKE PATH 0028 FED 80% VILLAGE 20% (GLENVIEW)	TRAFFIC 0021 FED 80% STATE 10% VILLAGE 10% (GLENVIEW)	TRAFFIC 0021 VILLAGE 100% (GLENVIEW)	ROADWAY 0004 STATE 100%
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE	FOOT	360					360	
		SENSOR CABLE, NO. 20 3/C								
*	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	3700		3700				
*	X0327698	LED INTERNALLY ILLUMINATED STREET NAME	EACH	4					4	
		SIGN								
*	X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER	EACH	1		1				
		P CABINET (SPECIAL)								
*	X1400150	SERVICE INSTALLATION, GROUND MOUNTED,	EACH	1		1				
		METERED								
*	X1400201	RADAR VEHICLE DETECTION SYSTEM, SINGLE	EACH	2		2				
		APPROACH, STOP BAR								
*	X1400324	STEEL MAST ARM ASSEMBLY & POLE	EACH	2				2		
		(SPECIAL) 48 FT.								
*	X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	0.25	0.25					
	X2511630	EROSION CONTROL BLANKET (SPECIAL)	SO YD	29	29					
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1	1					
	X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	225						225
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	3	3					

1

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	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	6110	6110					
*	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1				
*	X8710024	FIBER OPTIC CABLE IN CONDUIT, NO.	FOOT	5975		5975				
		62.5/125, MM12F SM24F								
*	X8760055	PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	1		1				
*	X8771220	STEEL MAST ARM ASSEMBLY AND POLE, 36	EACH	1				1		
		FT. (SPECIAL)								
*	X8771250	STEEL MAST ARM ASSEMBLY AND POLE, 42	EACH	1				1		
		FT. (SPECIAL)								
	Z0004562	COMBINATION CONCRETE CURB AND GUTTER	FOOT	165	165					
		REMOVAL AND REPLACEMENT								
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	15						15
	Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	102.8	102.8					
*	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL	EACH	1		1				
		2								
	Z0056668	STORM SEWERS, TYPE 2, WATER MAIN	FOOT	111	111					
		QUALITY PIPE, 12"								
	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1				

* SPECIALTY ITEMS

1 REV. SHEET 9-3-2020

REV-SEP

FILE NAME = pw:\\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\PI71109\CADData\Design\PI71109-sht-SOQ.dgn	USER NAME = paraymal	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1000.000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/6/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLOW ROAD AT PFINGSTEN ROAD
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	1719-N(14)	COOK	80	8

CONTRACT NO. 60Y23

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

NOTE:
UNLESS OTHERWISE NOTED, STATIONING AND OFFSET ARE RELATIVE TO WILLOW ROAD MAINLINE.

DRAINAGE STRUCTURES TABLE

1
EXISTING STRUCTURE TO REMAIN IN PLACE
STA. 45+11.8 / 34.0 LT
T.O.G. = 676.45
INV.(S) = 671.25 (INFLOW, 12" RCP, PROP.)
INV.(N) = 671.25 (OUTFLOW, 12" RCP, EXIST.)

2
CB, TYP. C 2' DIA. W/ F&G TYP. 24
STA. 45+10.8 / 44 RT
T.O.G. = 676.34
INV.(N) = 672.12 (OUTFLOW, 12" RCP, PROP.)

3
EXISTING STRUCTURE TO REMAIN IN PLACE
STA. 46+28.1 / 33.9 LT
T.O.G. = 676.11
INV.(S) = 671.51 (INFLOW, 12" RCP, PROP.)
INV.(N) = 671.51 (OUTFLOW, 12" RCP, EXIST.)

4
CB, TYP. C 2' DIA. W/ F&G TYP. 24
STA. 46+24.8 / 43.6 RT
T.O.G. = 675.80
INV.(N) = 672.12 (OUTFLOW, 12" RCP, PROP.)

5
EXISTING STRUCTURE TO REMAIN IN PLACE
STA. 47+03.4 / 34.0 LT
T.O.G. = 675.85
INV.(S) = 670.45 (INFLOW, 12" RCP, PROP.)
INV.(N) = 670.45 (OUTFLOW, 12" RCP, EXIST.)

6
CB, TYP. C 2' DIA. W/ F&G TYP. 24
STA. 47+03.1 / 43.9 RT
T.O.G. = 675.59
INV.(N) = 671.24 (OUTFLOW, 12" RCP, PROP.)

7
EXISTING STRUCTURE TO REMAIN IN PLACE
STA. 47+55.0 / 33.9 LT
T.O.G. = 675.79
INV.(S) = 670.44 (INFLOW, 12" RCP, PROP.)
INV.(N) = 670.44 (OUTFLOW, 12" RCP, EXIST.)

8
CB, TYP. C 2' DIA. W/ F&G TYP. 24
STA. 47+53.9 / 43.9 RT
T.O.G. = 675.61
INV.(N) = 671.52 (OUTFLOW, 12" RCP, PROP.)

9
EXISTING STRUCTURE TO REMAIN IN PLACE
STA. 48+28.6 / 34.0 LT
T.O.G. = 675.84
INV.(S) = 670.39 (INFLOW, 12" RCP, PROP.)
INV.(N) = 670.39 (OUTFLOW, 12" RCP, EXIST.)

10
CB, TYP. C 2' DIA. W/ F&G TYP. 24
STA. 48+24.8 / 43.9 RT
T.O.G. = 675.68
INV.(N) = 671.43 (OUTFLOW, 12" RCP, PROP.)

FLAT TOP
11
CB, TYP. A 4' DIA. W/ F&G TYP. 24
STA. 49+18.1 / 33.2 RT
(STA. AND OFFSET RELATIVE TO PFINGSTEN RD.)
T.O.G. = 675.96
INV.(W) = 671.31 (INFLOW, 12" RCP, PROP.)
INV.(SE) = 671.31 (OUTFOW, 12" RCP, EXIST.)

FLAT TOP
12
CB, TYP. A 4' DIA. W/ F&G TYP. 24
STA. 49+19.9 / 37.4 LT
(STA. AND OFFSET RELATIVE TO PFINGSTEN RD.)
T.O.G. = 676.13
INV.(S) = 671.73 (INFLOW, 12" RCP, PROP.)
INV.(E) = 671.73 (OUTFLOW, 12" RCP, PROP.)

13
MH, TYP. A 4' DIA. W/ F&L, CL, TYP. 1 — 1
STA. 48+91.7 / 46.3 LT
(STA. AND OFFSET RELATIVE TO PFINGSTEN RD.)
T.O.G. = 676.78
INV.(N) = 671.98 (OUTFLOW, 12" RCP, PROP.)

FLAT TOP
14
CB, TYP. A 4' DIA. W/ F&G TYP. 24
STA. 50+77.5 / 38.1 RT
(STA. AND OFFSET RELATIVE TO PFINGSTEN RD.)
T.O.G. = 676.42
INV.(W) = 671.73 (INFLOW, 12" RCP, PROP.)
INV.(N) = 671.73 (INFLOW, 15" RCP, EXIST.)
INV.(S) = 671.73 (OUTFLOW, 15" RCP, EXIST.)

15
CB, TYP. C 2' DIA. W/ F&G TYP. 24 — 1
STA. 50+81.4 / 34.3 LT
(STA. AND OFFSET RELATIVE TO PFINGSTEN RD.)
T.O.G. = 676.41
INV.(E) = 672.20 (OUTFLOW, 12" RCP, PROP.)

16
MH, TYP. A 4' DIA. W/ F&L, CL, TYP. 1 — 1
STA. 53+44.7 / 48.4 LT
T.O.G. = 672.24
INV.(W) = 666.44 (INFLOW, 12" RCP, PROP.)
INV.(S) = 666.44 (OUTFLOW, 12" RCP, EXIST.)

17
MH, TYP. A 4' DIA. W/ F&L, CL, TYP. 1
STA. 52+67.1 / 49.6 LT
T.O.G. = 673.87
INV.(W) = 667.30 (INFLOW, 12" RCP, PROP.)
INV.(E) = 667.30 (OUTFLOW, 12" RCP, PROP.)

18
CB, TYP. C 2' DIA. W/ F&G TYP. 24
STA. 52+25.9 / 45.5 LT
T.O.G. = 674.28
INV.(E) = 667.80 (OUTFLOW, 12" RCP, PROP.)

SHORTHAND AND SYMBOL LEGEND

MH	=	MANHOLE
CB	=	CATCH BASIN
DIA.	=	DIAMETER, IN FEET
F&G	=	FRAME AND GRATE
F&L	=	FRAME AND LID
CL	=	CLOSED LID
OL	=	OPEN LID
TYP.	=	TYPE
STA.	=	STATION
T.O.G.	=	TOP OF GRADE ELEVATION IN FEET
INV.	=	INVERT ELEVATION IN FEET
LT	=	OFFSET DISTANCE TO THE LEFT OF ALIGNMENT LINE, IN FEET
RT	=	OFFSET DISTANCE TO THE RIGHT OF ALIGNMENT LINE, IN FEET

NOTES:

STORM SEWER OFFSET LOCATIONS GIVEN ON THE DETAIL PLANS ARE TO THE FOLLOWING POINTS:

A) STRUCTURES FALLING WITHIN THE CURB LINE ARE MEASURED TO THE EDGE OF PAVEMENT.

B) ALL OTHER STRUCTURES ARE MEASURED TO THE CENTER OF THE STRUCTURE.

THE INSTALLATION AND CONNECTION OF A PROPOSED STRUCTURE (CATCH BASIN/MANHOLE/INLET) OVER AN EXISTING STORM SEWER AND/OR A PROPOSED STORM SEWER CONNECTION TO AN EXISTING STRUCTURE, AND THE REMOVAL WORK REQUIRED TO MAKE THE CONNECTION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ITEM BEING INSTALLED.

PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED A MINIMUM OF 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.

BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ARTICLE 550.07 (b, c) OF THE SSRBC WILL NOT BE ALLOWED.

1 REVISED SHEET 9-3-2020