



PiggushEng.com

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Rev	Issued	Description
△	2.6.20	per IDOT review
△	2.14.20	per IDOT review
△	3.13.20	QTY Changes
△	5.15.20	Revised Scope

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**KING MIDDLE SCHOOL - IDOT SAFE ROUTES TO SCHOOL**  
IL Route 17  
Kankakee, Illinois

**CITY OF KANKAKEE**  
304 S. Indiana Avenue  
Kankakee, Illinois 60901

Project: 18133.0301

Issued: 05.15.20

Drawn by: LMM

Checked by: NAP

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20101700	SUPPLEMENTAL WATERING	UNIT	5
20200100	EARTH EXCAVATION	CU YD	140
20800150	TRENCH BACKFILL	CU YD	2
21101625	TOPSOIL, FURNISH AND PLACE, 6"	SQ YD	396
25000110	SEEDING, CLASS 1A	ACRE	0.11
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	11
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	11
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	11
25100630	EROSION CONTROL BLANKET	SQ YD	280
25200110	SODDING, SALT TOLERANT	SQ YD	115
28000500	INLET AND PIPE PROTECTION	EACH	3
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	454
35300115	PORTLAND CEMENT CONCRETE BASE COURSE 6 3/4"	SQ YD	135
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	31
40603340	POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	10
40604060	POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	11
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5"	SQ FT	1,994
42400800	DETECTABLE WARNINGS	SQ FT	100
44000100	PAVEMENT REMOVAL	SQ YD	596
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	298
44000600	SIDEWALK REMOVAL	SQ FT	1,295
55A00640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	47
55100500	STORM SEWER REMOVAL 12"	FOOT	8
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1
60500060	REMOVING INLETS	EACH	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	389
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	303
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	273
60618390	CONCRETE MEDIAN SURFACE, CORRUGATED	SQ FT	433
67100100	MOBILIZATION	L SUM	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	10
40604060	HOT-Mix ASPHALT SURFACE COURSE, IL-9.5, Mix "D", N50	TON	11

\* SPECIAL PROVISIONS  
△ SPECIAL ITEMS

△ Revised 7/21/20

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	52.4
73000100	WOOD SIGN SUPPORT	FOOT	30
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	6.2
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,019
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	406
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	281
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	26
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	48
78300200	RAISED RELECTIVE PAVEMENT MARKER REMOVAL	EACH	48
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	809
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	289
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3
85800100	FLASHER CONTROLLER	EACH	1
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,014
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	202
87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT	EACH	2
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30
88000105	FLASHING BEACON INSTALLATION	EACH	2
88040045	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 2-SECTION, MAST ARM MOUNTED	EACH	4
88200310	TRAFFIC SIGNAL BACKPLATE, LOUVERED, PLASTIC	EACH	4
X0322330	HANDICAP SIGN	EACH	2
X1800003	PLANTING SOIL MIX FURNISH AND PLACE	CU YD	19
X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	.2
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	0.24
K0013020	PERENNIAL PLANTS, PRAIRIE TYPE, GALLON POT	UNIT	0.34
K0013080	PERENNIAL PLANTS, SEDGE MEADOW TYPE, GALLON POT	UNIT	0.19
K1005481	SHREDDED BARK MULCH 3"	SQ YD	28
XX009367	SHRUB, ROSA MEIPSIDUE (FIRE RED MEIDLAND ROAD), 2' HEIGHT, BALLED AND BURLAPPED	EACH	12

\* SPECIAL PROVISIONS  
△ SPECIALTY ITEMS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	19-00282-00-SW	KANKAKEE	24	4
ILLINOIS		CONTRACT NO. _____		

**PIGGUSH ENGINEERING**



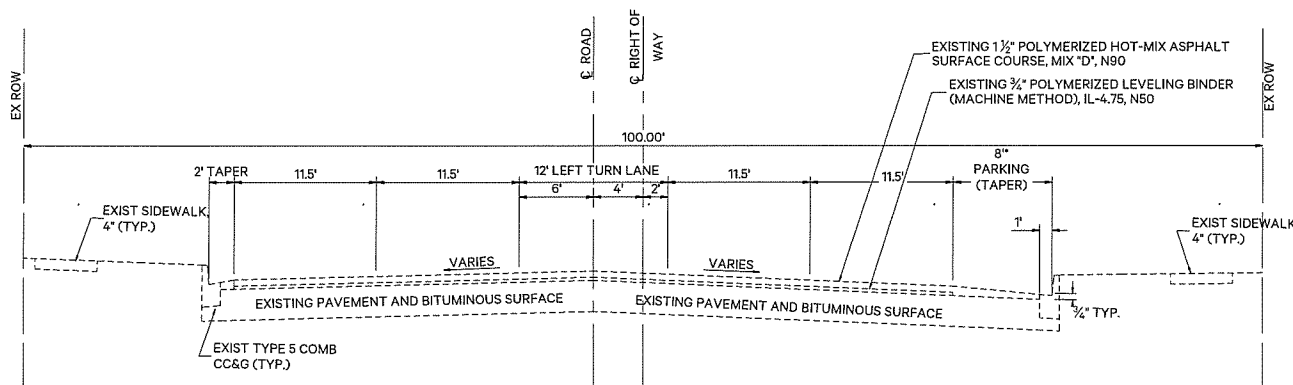
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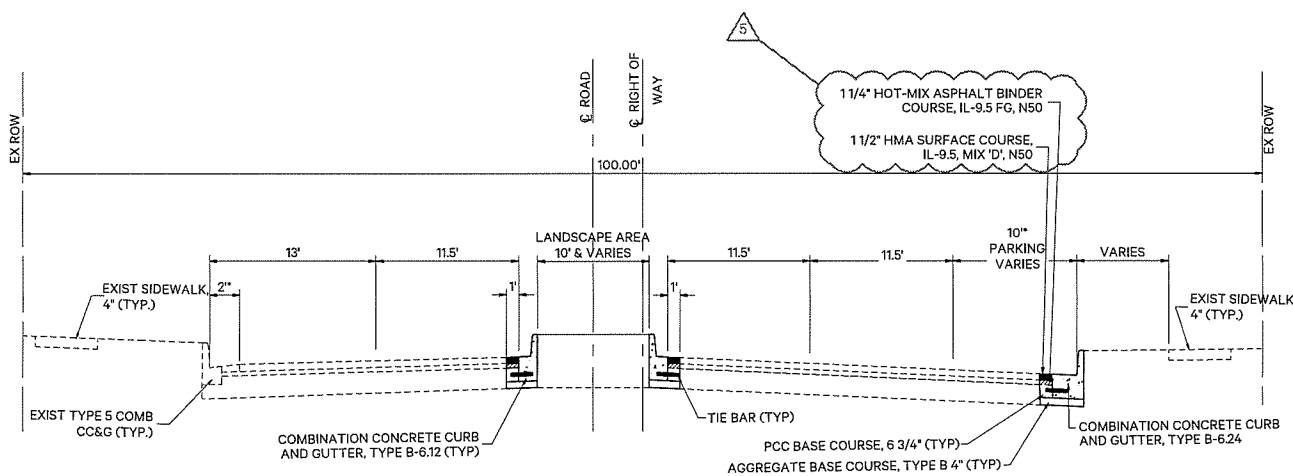
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5	7.17.20	Per Addendum 1

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**EXISTING  
IL ROUTE 17 (COURT STREET) TYPICAL SECTION**



**PROPOSED W/ MEDIAN  
IL ROUTE 17 (COURT STREET) TYPICAL SECTION**

**MIXTURES TABLE**

	HMA BINDER	HMA SURFACE
PG GRADE	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5FG	IL 9.5
FRICTION AGGREGATE		MIXTURE D
DENSITY TEST METHOD	CORES	CORES
MIXTURE WEIGHT	112# / Sq.Yd. / In.	112# / Sq.Yd. / In.
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
LOCATION(S)	ENTIRE PROJECT	ENTIRE PROJECT

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**TYPICAL SECTIONS**



Revised 7/21/20

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	19-00282-00-SW	KANKAKEE	24	6
ILLINOIS		CONTRACT NO.		

EROSION CONTROL ITEMS		
LOCATION		INLET AND PIPE PROTECTION
		28000500
STATION	OFFSET	EACH
COURT STREET (IL RTE 17)		
205+50.00	42.5' LT	1
205+94.00	42.5' LT	1
206+80.00	34' RT	1
TOTAL		3

PAVEMENT ITEMS													
LOCATION				AGGREGATE BASE COURSE, TYPE B 4"	PORTLAND CEMENT CONCRETE BASE COURSE 6 3/4"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-9.5 FG, N50	HMA SURFACE COURSE, IL-9.5, MIX "D", N50	RCC SIDEWALK 5 INCH	DETECTABLE WARNINGS	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	
				35101600	35300115	40600290	40602965	40604060	42400200	42400800	60603900	60605000	
STATION	OFFSET	TO	STATION	OFFSET	SQ YD	SQ YD	POUND	TON	TON	SQ FT	SQ FT	FOOT	FOOT
COURT STREET (IL RTE 17)													
202+25.00			202+74.74	RT	18	25	6	2	2				64
202+27.95			202+36.07	RT	5					48	11		
204+37.00			207+61.75	LT/RT		74	17	5	6				
204+38.00			206+95.00	LT/RT	68							389	
204+38.25			205+04.00	LT/RT	39								
205+00.00			206+99.54	RT	58	23	5	2	2				202
205+13.46			206+17.50	RT	133					1187	20		
206+86.20			206+15.61	LT	11								37
205+88.52			206+24.99	LT	41								
205+95.00			206+05.00	LT/RT	10					369	29		
206+59.49			206+81.69	RT	24					90	40		
206+96.00			207+61.75	LT	39					215			
TAYLOR AVENUE													
20+32.10			20+52.22	RT		13	3	1	1				
21+96.21			22+11.10	RT	8					75			
TOTAL					454	135	31	10	11	1994	100	389	303

SIGN ITEMS				
LOCATION		SIGN PANEL - TYPE 1	WOOD SIGN SUPPORT	HANDICAP SIGN
		72000100	73000100	X0322330
STATION	OFFSET	SQ FT	FOOT	EACH
COURT STREET (IL RTE 17)				
202+46.72	32.77' RT	8	15	
205+44.50	35.89' RT			1
205+92.50	RT	8		
205+92.50	33.50' RT	8		
205+92.50	33.50' RT	2.2		
206+07.50	LT	8		
206+07.50	41.50' LT	8		
206+07.50	41.50' LT	2.2		
206+84.47	37.49' RT			1
208+50.25	38.19' LT	8	15	
TOTAL		524	30	2

MEDIAN ITEMS						
LOCATION				CONCRETE MEDIAN SURFACE, 6 INCH	CONCRETE MEDIAN SURFACE, CORRUGATED	
				60618320	60618390	
STATION	OFFSET	TO	STATION	OFFSET	SQ FT	SQ FT
COURT STREET (IL RTE 17)						
204+38.25			205+04.00	LT/RT	136	217
206+96.00			207+61.75	LT	137	216
TOTAL					273	433

PLANTING ITEMS										
LOCATION			PLANTING SOIL MIX FURNISH AND PLACE	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	PERENNIAL PLANTS, PRAIRIE TYPE, GALLON POT	PERENNIAL PLANTS, SEDGE MEADOW TYPE, GALLON POT	SHREDDED BARK MULCH 3"	S-ROSA MEIPSIDUE 2'		
			X1800003	K0012990	K0013020	K0013080	K1005481			
STATION	OFFSET	TO	STATION	OFFSET	CU YD	UNIT	UNIT	SQ YD	EACH	
COURT STREET (IL RTE 17)										
204+38.25			205+04.00	LT/RT	10	0.12	0.17	0.09	14	6
206+96.00			207+61.75	LT	9	0.12	0.17	0.1	14	6
TOTAL					19	0.24	0.34	0.19	28	12

PAVEMENT MARKING ITEMS										
LOCATION				THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER	
				78000100	78000200	78000400	78000600	78000650	78100100	
STATION	OFFSET	TO	STATION	OFFSET	SQ FT	FOOT	FOOT	FOOT	EACH	
COURT STREET (IL RTE 17)										
202+54.50			205+62.50	RT		174		31		
203+58.34			208+39.83	RT		389			24	
203+58.34			204+38.00	LT/RT				8		
203+58.34			205+71.94	LT/RT		419				
203+58.34			208+35.24	RT			135			
203+58.36			208+39.83	LT		482			24	
203+58.36			204+88.74	LT			40			
204+25.06			207+38.82	RT						
205+28.52					31					
205+95.00			206+05.00	LT/RT			97	150		
206+28.06			208+39.89	LT/RT		419				
206+37.50			209+13.24	RT			136	18		
206+69.52					31					
207+62.77			208+39.83	LT/RT				8		
TAYLOR AVENUE										
20+46.00				LT/RT			72	66		
20+53.90				LT					13	
ORCHARD AVENUE										
10+46.27				RT					13	
10+55.00				LT/RT			62			
TOTAL					62	2019	406	281	26	48

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**SCHEDULE OF QUANTITIES**

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