

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION TYPE CODE		
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL
				ROADWAY 0004	BOX CULVERT 0010	UTILITY 0043
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	9	9		
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	72	72		
40701896	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 3/4"	SQ YD	960	960		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3218	3218		
44000100	PAVEMENT REMOVAL	SQ YD	856	856		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	73	73		
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	640	640		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	828	828		
44000600	SIDEWALK REMOVAL	SQ FT	830	830		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1	
50200100	STRUCTURE EXCAVATION	CU YD	592		592	
50800105	REINFORCEMENT BARS	POUND	47090		47090	
50900805	PEDESTRIAN RAILING	FOOT	132	132		1

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION TYPE CODE		
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				ROADWAY 0004	BOX CULVERT 0010	UTILITY 0043
51500100	NAME PLATES	EACH	1		1	
54003000	CONCRETE BOX CULVERTS	CU YD	243.6		243.6	
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1		1
54262736	METAL FLARED END SECTIONS 36"	EACH	1	1		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	76	76		
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	36	36		
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	25	25		1
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	24	24		
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	5	5		
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	24	24		1
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	53	53		
55100500	STORM SEWER REMOVAL 12"	FOOT	15	15		
55100700	STORM SEWER REMOVAL 15"	FOOT	26	26		
55100900	STORM SEWER REMOVAL 18"	FOOT	123	123		

*SPECIALTY ITEM

MODEL: Default; FILE NAME: I:\P\1\DOT\6249\PTB 181_006\Work Order #7 IL 1 @ Deer Creek\CADD Sheets\18106249-6249-6249.dgn

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

USER NAME = nrankin	DESIGNED - JKP	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - DMW	REVISED -
PLOT DATE = 10/18/2021	CHECKED - SPF	REVISED -
	DATE - 10/15/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 OVER DEER CREEK
SUMMARY OF QUANTITIES**

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
876	10WB-B	WILL	39	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D49	

1 REVISED SHEET 1/5/2022

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION TYPE CODE		
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL
				ROADWAY 0004	BOX CULVERT 0010	UTILITY 0043
55101100	STORM SEWER REMOVAL 21"	FOOT	27	27		
55101400	STORM SEWER REMOVAL 30"	FOOT	9	9		
55101800	STORM SEWER REMOVAL 42"	FOOT	73	73		
56107400	REMOVE AND RELOCATE WATER MAIN 12"	FOOT	39			39
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	121	121		
60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2		
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60223810	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3 FRAME, CLOSED LID	EACH	1	1		
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	4	4		
60500040	REMOVING MANHOLES	EACH	3	3		
60500050	REMOVING CATCH BASINS	EACH	1	1		
60500060	REMOVING INLETS	EACH	2	2		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	890	890		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION TYPE CODE		
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL
				ROADWAY 0004	BOX CULVERT 0010	UTILITY 0043
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	125	125		
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	112.5	112.5		
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	50	50		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4		
63200310	GUARDRAIL REMOVAL	FOOT	245	245		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	675	675		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1		
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1		
* 66901005	ENGINEERED BARRIER	SQ YD	125	125		
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MC	12	12		
67100100	MOBILIZATION	L SUM	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		

* SPECIALTY ITEM

REVISD SHEET 1/3/2022

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	USER NAME = nrankin	DESIGNED - JKP	REVISED -
	PLOT SCALE = 40.0000' / in.	DRAWN - DMW	REVISED -
	PLOT DATE = 10/18/2021	CHECKED - SPF	REVISED -
		DATE - 10/15/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 1 OVER DEER CREEK
SUMMARY OF QUANTITIES**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 876	SECTION 10WB-B	COUNTY WILL	TOTAL SHEETS 39	SHEET NO. 5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D49	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION TYPE CODE		
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL
				ROADWAY 0004	BOX CULVERT 0010	UTILITY 0043
* 72000100	SIGN PANEL - TYPE 1	SQ FT	31	31		
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5		
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	66	66		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	69	69		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	800	800		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	361	361		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	27	27		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	27	27		
X0326864	BRICK SIDEWALK REMOVAL	SQ FT	285	285		
X0426200	DEWATERING	L SUM	1		1	
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	196.1 -178.8		196.1 -178.8	△
X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	81	81		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION TYPE CODE		
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL
				ROADWAY 0004	BOX CULVERT 0010	UTILITY 0043
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	55	55		
Z0056612	STORM SEWER (WATER MAIN REQUIREMENT) 18 INCH	FOOT	25	25		
Z0056616	STORM SEWER (WATER MAIN REQUIREMENT) 24 INCH	FOOT	30	30		△
Z0056622	STORM SEWER (WATER MAIN REQUIREMENT) 36 INCH	FOOT	24	24		
Z0064600	SELECTIVE CLEARING	ACRE	0.11	0.11		
Ø						
Ø	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3	3	
Z0076600	TRAINEES	HOURS	500	500		
Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500		
* X0328012	CONTROLLED STIFFNESS COLUMN GROUND IMPROVEMENT	L SUM	1		1	

*SPECIALTY ITEM

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USER NAME = nrankin	DESIGNED - JKP	REVISED -
	DRAWN - DMW	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SPF	REVISED -
PLOT DATE = 10/18/2021	DATE - 10/15/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 1 OVER DEER CREEK
SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

REVISED SHEET 1/5/2022		0042	
F.A.P. RTE. 876	SECTION 10WB-B	COUNTY WILL	TOTAL SHEETS 39 SHEET NO. 6
		CONTRACT NO. 62D49	
ILLINOIS FED. AID PROJECT			

REV-SEP

DRAINAGE STRUCTURE SCHEDULE					
STRUCTURE NO.	DESCRIPTION	STATION	OFFSET	RIM ELEV.	INVERT ELEV.
1	INLET, TYPE A, TYPE 3 FRAME & GRATE	214+47	18' RT	694.14	692.14 N
2	MANHOLE, TYPE A, 6'-DIAMETER, TYPE 3 FRAME & GRATE	214+69	18' RT	694.12	691.92 S, 690.93 W, 691.98 N, 690.18 NE
3	MANHOLE, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	214+79	30' RT	692.92	689.95 N, 689.95 SE, 689.95 SW
4	MANHOLE, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	215+09	32' RT	693.21	686.05 W, 685.55 N, 688.35 S
5	METAL FLARED END SECTIONS, 36" 	215+33	36' RT	-	685.31
6	EX CATCH BASIN	214+54	33' RT	692.43	EX-S, 690.00 N
7	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	215+94	18' LT	694.40	EX-N, 685.56 E, 686.56 W
8	INLET, TYPE A, TYPE 3 FRAME & GRATE	214+84	18' LT	694.13	692.13 S
9	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME & GRATE	214+69	18' LT	694.12	691.98 N, 691.65 E, 691.90 S
10	INLET, TYPE A, TYPE 3 FRAME & GRATE	214+45	18' LT	694.14	692.14 N
11	MANHOLE, TYP A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	215+97	26' LT	694.52	EX-N, 687.59 E
12	INLET, TYPE A, TYPE 3 FRAME & GRATE	214+84	18' RT	694.13	692.13 S

STORM SEWER SCHEDULE									
PIPE NO.	FROM STR.	TO STR.	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE %	TB (CY)	UPSTREAM INVERT	DOWNSTREAM INVERT
1	7	NE HEADWALL	53	42	RCP	1.0	71.85	686.03	685.50
2	4	5	24	36	DIP 	1.0	0	685.55	685.31
3	14	3	25	18	DIP	0.6	3.44	690.00	689.95
4	3	4	30	24	DIP	2.0	7.61	689.95	688.35
5	2	3	16	24	RCP	1.5	2.13	690.18	689.95
6	1	2	22	12	RCP	1.0	2.34	692.14	691.92
7	12	2	15	12	RCP	1.0	1.33	692.13	691.98
8	9	2	36	15	RCP	2.0	6.19	691.65	690.93
9	10	9	24	12	RCP	1.0	2.80	692.14	691.90
10	8	9	15	12	RCP	1.0	1.49	692.13	691.98
11	11	7	8	24	RCP	1.0	2.83	687.59	687.53
12	EX PIPE	4	5	30	RCP	EX-0.8	62.66	686.09	686.05

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USER NAME = jjoang	DESIGNED - JKP	REVISED ADDENDUM 1 - 12/17/2021 
PLOT SCALE = 100.0000' / in.	DRAWN - DMW	REVISIONS
PLOT DATE = 12/16/2021	CHECKED - SPF	REVISIONS
	DATE - 10/15/2021	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 1 OVER DEER CREEK
DRAINAGE SCHEDULE

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
876	10WB-B	WILL	39	16
CONTRACT NO. 62D49				
ILLINOIS FED. AID PROJECT				

 REVISED SHEET 1/5/2022