

SUMMARY OF QUANTITIES				ROADWAY 0004	SIGNALS 0021	NON-PARTICIP
CODE NO.	ITEM	UNIT	TOTAL	TOTAL	TOTAL	TOTAL
1	20100110 TREE REMOVAL (9 TO 15 UNITS DIAMETER)	UNIT	16			
2	20200100 EARTH EXCAVATION	CU YD	899			
3	20800150 TRENCH BACKFILL	CU YD	550.4			
4	21101800 TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	258			
5	25200100 SODDING	SQ YD	19500			
6	25100630 EROSION CONTROL BLANKET	SQ YD	282			
7	28000500 INLET AND PIPE PROTECTION	EACH	63			
8	31101000 SUBBASE GRANULAR MATERIAL, TYPE B	TON	795			
9	40201000 AGGREGATE FOR TEMPORARY ACCESS	TON	163			
10	40800100 BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2925			
11	40600635 LEVELING BINDER (MACHINE METHOD), N70	TON	2846			
12	40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	454			
13	40600985 PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	715			
14	40603340 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3100			
15	40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	376			
16	42300200 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	3045			
17	42400100 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	64940			
18	42400800 DETECTABLE WARNINGS	SQ FT	524			
19	44000100 PAVEMENT REMOVAL	SQ YD	3908.8			
20	44000200 DRIVEWAY PAVEMENT REMOVAL	SQ YD	2723			
21	44000600 SIDEWALK REMOVAL	SQ FT	52429			
22	44201299 DOWEL BARS, 1 1/2"	EACH	780			
23	44200948 CLASS B PATCHES, TYPE I, 9 INCH	SQ YD	8			
24	44200956 CLASS B PATCHES, TYPE II, 9 INCH	SQ YD	291			
25	44200962 CLASS B PATCHES, TYPE III, 9 INCH	SQ YD	147			
26	44200964 CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	294			
27	44213200 SAW CUTS	FOOT	1329			
28	44300100 AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	38610			
29	44213204 TIE BARS 3/4"	EACH	296			
30	550A0050 STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	194			
31	550A0340 STORM SEWERS, CLASS A, TYPE 2, 12"	FOOT	88			
32	55100500 STORM SEWER REMOVAL 12"	FOOT	114			
33	56100015 DUCTILE IRON WATER MAIN TEE, 8"x8"	EACH				5
34	56100020 DUCTILE IRON WATER MAIN TEE, 8"x8"	EACH				3
35	56100600 WATER MAIN 6"	FOOT				47
36	56100700 WATER MAIN 8"	FOOT				2090
37	56104800 WATER VALVES 6"	EACH				5
38	56105000 WATER VALVES 8"	EACH				7
39	56108800 TAPPING VALVES & SLEEVES, 6"	EACH				1
40	56108900 TAPPING VALVES & SLEEVES, 8"	EACH				1
41	56200300 WATER SERVICE LINE 1"	FOOT				1368
42	56400500 FIRE HYDRANTS TO BE REMOVED	EACH				4
43	56400600 FIRE HYDRANTS	EACH				6
44	60260100 INLETS TO BE ADJUSTED	EACH				25
45	60255500 MANHOLES TO BE ADJUSTED	EACH				31
46	60266600 VALVE BOXES TO BE ADJUSTED	EACH				41
47	60500050 REMOVING INLETS	EACH				24
48	60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.12	FOOT				2399
49	67100100 MOBILIZATION	L SUM				1
50	70102620 TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM				1
51	70102622 TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM				1
52	70102625 TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM				1
53	70102635 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM				1
54	70102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM				1
55	70300220 TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT				69196
56	72000100 SIGN PANEL - TYPE 1	SQ FT				266.07
57	72900100 METAL POST - TYPE A	FOOT				310
58	78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT				719
59	78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT				19077
60	78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT				3601
61	78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT				3481
62	78000850 THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT				614
63	88030080 SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH				2
64	88200100 TRAFFIC SIGNAL BACKPLATE	EACH				2
65	88800100 DETECTOR LOOP, TYPE 1	FOOT				1495
66	88800100 PEDESTRIAN PUSH-BUTTON	EACH				8

SUMMARY OF QUANTITIES				ROADWAY 0004	SIGNALS 0021	NON-PARTICIP
CODE NO.	ITEM	UNIT	TOTAL	TOTAL	TOTAL	TOTAL
67	88102717 PED SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNT WITH CNTDWN TIMER	EACH				8
68	89602200 MODIFY EXISTING CONTROLLER	EACH				1
69	89602375 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH				1
70	89602376 REBUILD EXISTING HANDHOLE	EACH				6
71	87301285 ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT				345
72	89602300 REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT				345
73	X0840000 SANITARY SEWER REMOVAL, 8"	FOOT				111
74	X5620112 WATER SERVICE CONNECTION	EACH				41
75	X6024240 INLETS, SPECIAL	EACH				30
76	X6063401 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT				1739
77	X7010216 TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM				1
78	Z0056900 SANITARY SEWER 8"	FOOT				111
79	Z0062456 TEMPORARY PAVEMENT	SQ YD				476
80	XX008076 SIGN REMOVAL AND REPLACEMENT	EACH				6

Δ SPECIALTY ITEMS

GENERAL NOTES:

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES AT CRITICAL LOCATIONS TO VERIFY EXACT HORIZONTAL AND VERTICAL LOCATION.
- MAINTAIN POSITIVE DRAINAGE ON THE SITE THROUGHOUT THE PROJECT DURATION. ADJUST ALL VALVES, MANHOLES, CASTINGS, GAS VENTS, ETC., TO MATCH THE NEW SURFACE. ADJUSTMENT SHALL BE COORDINATED WITH THE UTILITY COMPANIES. AT NO ADDITIONAL COST TO THE OWNER, REPAIR ANY DAMAGE TO SAID STRUCTURES AND APPURTENANCES THAT OCCUR DURING CONSTRUCTION.
- SITE CLEAN-UP SHALL BE PERFORMED ON A DAILY BASIS. SIDEWALKS, PARKING LOTS, ROADWAYS, ETC. SHALL BE KEPT CLEAN AT ALL TIMES.
- ALL OPEN EXCAVATIONS SHALL BE PROTECTED.
- IT IS INTENDED THAT ALL COSTS OF MATERIALS, EQUIPMENT, TOOLS, LABOR AND INCIDENTALS BE PAID FOR UNDER THE ITEMS SHOWN ON THE PLAN DRAWINGS.
- MINIMAL EARTH EXCAVATION IS REQUIRED AT SIDEWALK AND DRIVE LOCATIONS. THE CONTRACTOR IS RESPONSIBLE FOR ACHIEVING GRADES AS INDICATED ON THE PLAN AND PROFILE/CROSS SECTION SHEETS.
- STRIP EXISTING TOPSOIL TO A DEPTH OF 6" MINIMUM WITHIN THE PROJECT LIMITS AND AREAS TO RECEIVE FILL. STOCKPILE AND PLACE (6" DEPTH) ON ALL DISTURBED AREAS IN PREPARATION FOR RECEIVING SOD, AS CALLED FOR ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR HAULING AND DISPOSAL OF EXCESS MATERIAL.
- FINISH GRADES SHOWN ARE TO TOP OF PAVEMENT, SIDEWALK OR TO TOP OF TOPSOIL UNLESS OTHERWISE NOTED.
- ALL SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING.
- COMPACT SUBGRADE BENEATH PAVEMENTS IN ACCORDANCE WITH GRADING NOTES.
- GRANULAR SUBBASE FOR PAVEMENTS SHALL MEET THE LIMITS OF GRADATION CA-6 (IDOT).
- MATERIALS AND CONSTRUCTION FOR PORTLAND CEMENT CONCRETE PAVEMENTS SHALL MEET THE REQUIREMENT OF THE IDOT STANDARD SPECIFICATIONS. MIX DESIGN SHALL BE SUBMITTED TO ENGINEER 2 WEEKS PRIOR TO PAVING.
- SIDEWALKS SHALL BE 4" PCC, EXCEPT WITHIN DRIVEWAY LOCATIONS SHALL BE 6" PCC.
- TESTING SHALL BE PERFORMED IN ACCORDANCE WITH ASTM STANDARDS FOR METHODS AND FREQUENCY.
- TRENCH BACKFILL ENTIRE TRENCH FOR PIPES UNDER PAVEMENT AND WITHIN 2' FROM THE EDGE OF PROPOSED PAVEMENT.
- STORM SEWER: PIPE MATERIAL SHALL BE REINFORCED CONCRETE (RCP) OF THE TYPE AND CLASS SPECIFIED IN THE CONSTRUCTION DOCUMENTS.
- SANITARY SEWER PIPING SHALL BE DUCTILE IRON PIPE (ANSI C151, CEMENT LINED) WITH RUBBER GASKET JOINTS CONFORMING TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS SECTION 40-2.02.
- WATERMAIN PIPING SHALL BE DUCTILE IRON, AWWA CLASS 52, PRESSURE CLASS 350.
- DIP FITTINGS (TEES, BENDS, ETC.) SHALL CONFORM TO ANSI A21.10 OR ANSI A21.53 MECHANICAL OR PUSH-ON JOINT, ANSI A21.11, CLASS 250 FOR UNDERGROUND PIPING. ALL UNDERGROUND JOINTS SHALL BE PUSH-ON EXCEPT WHERE MECHANICAL JOINTS ARE SHOWN ON PLANS. ALL FITTINGS SHALL BE CONSIDERED INCIDENTAL TO THE PRICE PER LINEAR FOOT OF PIPE.
- ALL UNDERGROUND FITTINGS SHALL BE POLY-WRAPPED AND HAVE THRUST BLOCKING.
- WATER SERVICES SHALL BE 1" TYPE 'K' COPPER CONSTRUCTED AT THE LOCATION SHOWN ON THE DRAWINGS. CURB STOPS SHALL BE LOCATED APPROXIMATELY 1' FROM THE RIGHT-OF-WAY LINE.
- NEW CONNECTIONS TO EXISTING MAINS SHALL BE PERFORMED BY THE CONTRACTOR WITH CITY SUPERVISION. A 48-HOUR NOTICE TO THE CITY IS REQUIRED PRIOR TO CONSTRUCTION IN EXISTING STREETS.
- HORIZONTAL AND OR VERTICAL SEPARATION BETWEEN SANITARY SEWER MAIN OR SERVICES AND WATER MAIN OR SERVICES SHALL BE AS DESCRIBED IN SECTION 41-2.01 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION.
- ALL SANITARY SEWERS SHALL BE TESTED FOR EITHER INFILTRATION OR EXFILTRATION OF AIR UNDER PRESSURE.

ALL CONSTRUCTION AND METHODS SHALL CONFORM TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION; THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION, IN ILLINOIS", LATEST EDITION; THE CITY OF EAST MOLINE STANDARDS AND THESE CONSTRUCTION DRAWINGS.

LEGEND		
UTILITIES		
EXISTING PLAN MARK	DESCRIPTION	PROPOSED PLAN MARK
	VALVE	
	UTILITY POLE	
	WATER SHUTOFF VALVE	
	GUY ANCHOR	
	FIRE HYDRANT	
	FLARED END SECTION	
	CLEANOUT	
	MANHOLE	
	STORM MANHOLE	
	ELECTRICAL MANHOLE	
	SANITARY MANHOLE	
	TELEPHONE PEDESTAL	
	WATER MANHOLE	
	HANDHOLE	
	CURB INLET	
	INTAKE - CIRCLE	
	SIDEWALK RAMP	
	SLOPE ARROW	
	BENCHMARK	
	IRON ROD - FOUND	
	MONUMENT FOUND	
	RIGHT OF WAY MARKER	
	MAILBOX	
	SHRUB	
	DECIDUOUS TREE	
	CONIFEROUS TREE	
	SINGLE POLE SIGN	
	DOUBLE POLE SIGN	
	WIRE FENCE	
	WOOD FENCE	
	TREE LINE	