

SUMMARY OF QUANTITIES				
CONSTRUCTION TYPE CODE: 0028				
S.P.	SPECIALTY ITEM	CODE NO.	DESCRIPTION	TOTAL QUANTITY
		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	126
		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	654
		20100500	TREE REMOVAL, ACRES	0.28
		20200200	ROCK EXCAVATION	100
		20400800	FURNISHED EXCAVATION	110
		21101615	TOPSOIL FURNISH AND PLACE, 4"	14500
		25000110	SEEDING, CLASS 1A	3.00
		25000400	NITROGEN FERTILIZER NUTRIENT	270
		25000500	PHOSPHORUS FERTILIZER NUTRIENT	270
		25000600	POTASSIUM FERTILIZER NUTRIENT	270
		25100115	MULCH, METHOD 2	3
		28000305	TEMPORARY DITCH CHECKS	252
		28000400	PERIMETER EROSION BARRIER	9435
		28000500	INLET AND PIPE PROTECTION	28
		28100103	STONE RIPRAP, CLASS A2	26
		28200200	FILTER FABRIC	26
*		31101000	SUBBASE GRANULAR MATERIAL, TYPE B	50
*		35101600	AGGREGATE BASE COURSE, TYPE B, 4-INCH	1041
*		35101800	AGGREGATE BASE COURSE, TYPE B, 6-INCH	285
*		35102000	AGGREGATE BASE COURSE, TYPE B, 8-INCH	9091
*		35102200	AGGREGATE BASE COURSE, TYPE B, 10-INCH	222
*		35102400	AGGREGATE BASE COURSE, TYPE B, 12-INCH	100
*		40200300	AGGREGATE SURFACE COURSE, TYPE A, 4-INCH	867
*		40200720	AGGREGATE SURFACE COURSE, TYPE A, 12-INCH	65
*		40600100	BITUMINOUS MATERIALS (PRIME COAT)	4966
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	480
		40603310	HOT-MIX ASPHALT SURFACE COURSE, M X C, N50	945
*		40603415	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, N50	1002
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6-INCH	78
		42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7-INCH	1116
*		42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH	9256
*		42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6-INCH	1815
		42400800	DETECTABLE WARNINGS	414
		44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2.5-INCH	6907
*		44000500	COMBINATION CURB AND GUTTER REMOVAL	898

SUMMARY OF QUANTITIES-CONTINUED				
CONSTRUCTION TYPE CODE: 0028				
S.P.	SPECIALTY ITEM	CODE NO.	DESCRIPTION	TOTAL QUANTITY
*		44000600	SIDEWALK REMOVAL	9068
		44201696	CLASS D PATCH, TYPE IV, 4-INCH	136
		48100500	AGGREGATE SHOULDERS, TYPE A, 6-INCH	5664
		50105220	PIPE CULVERT REMOVAL	146
*		50901760	PIPE HANDRAIL	38
		54214533	PRECAST REINFORCED CONCRETE FLARED END SECTION, EQUIVALENT ROUND SIZE, 48-INCH	2
		54215547	METAL END SECTION, 12-INCH	14
		54215550	METAL END SECTION, 15-INCH	2
		54215559	METAL END SECTION, 24-INCH	2
		54215769	METAL END SECTION, EQUIVALENT ROUND SIZE, 24-INCH	6
		542A5503	PIPE CULVERT, CLASS A, TYPE 1, EQUIVALENT ROUND SIZE, 48-INCH	40
		542D0217	PIPE CULVERT, CLASS D, TYPE 1, 12-INCH	276
		542D0220	PIPE CULVERT, CLASS D, TYPE 1, 15-INCH	52
		542D0229	PIPE CULVERT, CLASS D, TYPE 1, 24-INCH	45
		542D5479	PIPE CULVERT, CLASS D, TYPE 1, EQUIVALENT ROUND SIZE, 24-INCH	90
		550A0070	STORM SEWERS, CLASS A, TYPE 1, 15-INCH	1281
		550A0090	STORM SEWERS, CLASS A, TYPE 1, 18-INCH	45
*		56108300	ADJUSTING WATER VALVES, 8-INCH	1
*		56108400	ADJUSTING WATER VALVES, 10-INCH	5
*		56108600	ADJUSTING WATER VALVES, 16-INCH	1
		60218300	MANHOLE, TYPE A, 4-FT DIAMETER, TYPE 1 FRAME, OPEN LID	1
		60236200	INLETS, TYPE A, TYPE B GRATE	7
*		60255500	MANHOLES TO BE ADJUSTED	6
*		60262700	INLETS TO BE RECONSTRUCTED	1
		60600605	CONCRETE CURB, TYPE B	252
*		60609800	COMBINATION CONCRETE CURB AND GUTTER, TYPE M6, 18	1014
		60801018	FLAP GATE, 18-INCH	1
		63200310	GUARDRAIL REMOVAL	18
		66900200	NON-SPECIAL WASTE DISPOSAL	1,621
		66900305	SPECIAL WASTE DISPOSAL	1281
		66900450	SPECIAL WASTE PLANS & REPORTS	1
		66900530	SOIL DISPOSAL ANALYSIS	2
		67100100	MOBILIZATION	1
		72000300	SIGN PANEL, TYPE 1	330
		72000200	SIGN PANEL, TYPE 2	45

SUMMARY OF QUANTITIES-CONTINUED				
CONSTRUCTION TYPE CODE: 0028				
S.P.	SPECIALTY ITEM	CODE NO.	DESCRIPTION	TOTAL QUANTITY
*		72900200	METAL POST, TYPE B	864
		78000100	THERMOPLASTIC PAVEMENT MARKINGS, LETTERS & SYMBOLS	187
		78000200	THERMOPLASTIC PAVEMENT MARKING, LINE - 4"	2655
		78000400	THERMOPLASTIC PAVEMENT MARKING, LINE - 6"	5799
		78000500	THERMOPLASTIC PAVEMENT MARKING, LINE - 12"	395
		78000600	THERMOPLASTIC PAVEMENT MARKING, LINE - 24"	112
*		80400100	ELECTRIC SERVICE INSTALLATION	1
*		80400200	ELECTRIC UTILITY SERVICE CONNECTION	1
		81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA	1960
		81702410	ELECT. CABLE IN CONDUIT, 600V (XLP-TYPE RWH) 3-1C NO. 4	9910
		81702415	ELECT. CABLE IN CONDUIT, 600V (XLP-TYPE RWH) 3-1C NO. 6	3300
*		83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	120
*		A2000116	TREE, ACER X FREEMANII AUTUMN BLAZE, 2" CALIPER, BALLED AND BURLAPPED	12
*		A2008116	TREE, TILIA CORDATA GREENSPIRE, 2" CALIPER, BALLED AND BURLAPPED	13
*		B2005716	TREE, PYRUS CALLERYANA CHANTICLEER, 2" CALIPER, BALLED AND BURLAPPED	12
*		X0322024	TRENCH DRAIN	1
*		X0326865	POST MOUNTED FLASHING BEACON INSTALLATION	2
*		X0327008	REMOVE AND RELOCATE SIGN (SPECIAL)	6
*		X0350810	BOLLARD REMOVAL	1
*		X0202410	EARTH EXCAVATION, SPECIAL	7836
*		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1
*		X8300001	LIGHT POLE SPECIAL	20
*		Z0004002	BOLLARDS	3
*		Z0613302	SEGMENTAL CONCRETE BLOCK WALL	1085
*		Z0022800	FENCE REMOVAL	417
*		Z0048685	RAILROAD PROTECTION LIABILITY INSURANCE	1
*		Z0655905	TEMPORARY CONSTRUCTION FENCE	426
*		Z0075496	CONCRETE RETAINING WALL REMOVAL	116
*		Z0077900	WOOD POST AND RAIL FENCE	180
*		XX007063	LIGHTING SYSTEM, COMPLETE	1
*		XX008653	FENCE (SPECIAL)	466
*		XX065752	REMOVE, STORE AND RE-INSTALL EXISTING MONUMENT	1
*		XX006821	CONCRETE TRUCK WASHOUT	1
*		XX007452	RELOCATE BOLLARDS	2

SCHEDULE OF AGGREGATE BASE							
FROM STATION	TO STATION	OFFSET	AGGREGATE BASE	AGGREGATE BASE	AGGREGATE BASE	AGGREGATE BASE	
			COURSE, TYPE B 4-INCH (SQ YD) 35101600	COURSE, TYPE B 6-INCH (SQ YD) 35101800	COURSE, TYPE B 8-INCH (SQ YD) 35102000	COURSE, TYPE B 10-INCH (SQ YD) 35102200	COURSE, TYPE B 12-INCH (SQ YD) 35102400
119+88	121+81	RT			257		
123+88	123+96	RT		3			
123+95	127+21	LT	204				
124+76	127+23	LT				34	
SW Quadrant	Linden & Van Buren	LT				3	
SW Quadrant	Linden & Van Buren	LT					
SW Quadrant	Linden & Van Buren	LT	44				
127+19	127+27	RT				1	
127+12	127+25	RT	9				
127+13	127+21	LT		4			
127+17	127+25	RT		4			
127+85	127+81	RT		7			
127+66	127+74	LT				3	
127+75	128+01	LT	24				
128+55	129+51	RT	48				
128+96	130+40	LT	84				
129+26	129+46	RT		13			
129+31	129+41	RT		6			
129+41	130+14	RT	50				
130+10	130+16	RT				1	
130+14	130+20	RT		3			
130+35	130+56	LT		24			
130+39	130+53	LT		8			
130+53	133+68	LT	214				
130+57	130+64	RT		3			
130+64	131+25	RT	45				
130+69	130+66	RT				1	
131+18	131+40	RT		16			
131+25	131+34	RT		5			
131+34	133+13	RT	117				
133+08	133+25	RT				16	
133+08	133+17	RT		4			
133+35	133+55	LT		8			
133+57	133+77	RT		8			
133+60	133+92	RT	21				
133+89	134+03	LT				10	
133+96	134+00	LT		6			
134+00	135+42	LT	83				
134+37	134+96	RT	28				
135+38	135+90	LT		37			
135+42	135+65	LT		24			
136+41	136+55	RT	7				
136+56	136+70	RT				17	
136+55	136+63	RT		3			
136+77	137+16	RT				14	
136+87	137+08	LT	15				
136+92	137+08	LT	17				
136+97	137+07	LT		4			
136+97	137+06	RT		3			
137+04	137+23	RT	15				
137+18	137+27	RT		4			
137+33	137+45	LT	3				
137+33	137+39	LT		3			
142+00	142+89	LT & RT			100		
142+55	143+75	LT & RT					
142+54	143+82	LT & RT			222		
142+89	143+05	LT & RT		12			
143+41	143+56	LT & RT		12			
143+56	144+98	LT & RT			126		
144+84	145+45	LT & RT			156		
145+32	146+90	LT & RT			140		
146+76	147+25	LT & RT			104		
147+10	150+92	LT & RT			340		
SUBTOTAL			1028	224	1223	222	100

SCHEDULE OF AGGREGATE BASE-CONTINUED							
FROM STATION	TO STATION	OFFSET	AGGREGATE BASE	AGGREGATE BASE	AGGREGATE BASE	AGGREGATE BASE	
			COURSE, TYPE B 4-INCH (SQ YD) 35101600	COURSE, TYPE B 6-INCH (SQ YD) 35101800	COURSE, TYPE B 8-INCH (SQ YD) 35102000	COURSE, TYPE B 10-INCH (SQ YD) 35102200	COURSE, TYPE B 12-INCH (SQ YD) 35102400
151+80		RT	13				
150+81	151+37	LT & RT			122		
151+23	152+24	LT & RT			90		
152+18	152+42	LT & RT			43		
152+36	154+27	LT & RT			170		
154+12	154+72	LT & RT			155		
154+59	155+06	LT & RT			42		
154+93	155+41	LT & RT			112		
155+26	156+32	LT & RT			94		
156+19	156+68	LT & RT			102		
156+52	160+25	LT & RT			332		
160+07	160+50	LT & RT			123		
160+45	162+05	LT & RT			142		
162+05	162+25	LT & RT		13			
162+72	162+84	LT & RT		10			
162+82	189+59	LT & RT			2280		
189+79	197+25	LT & RT			663		
189+44	189+94	LT & RT			138		
197+13	197+51	LT & RT			61		
197+39	202+76	LT & RT			477		
202+76	202+88	LT & RT		9			
203+13	203+27	LT & RT		11			
203+27	204+52	LT & RT			111		
204+52	204+52	LT & RT		9			
205+53	205+63	LT & RT		9			
205+63	207+47	LT & RT			164		
306+00	320+78	LT & RT			2347		
SUBTOTAL			13	61	7868	0	0
TOTAL			1041	285	9091	222	100

GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A FINAL GRADE THAT IS SUITABLE FOR SEEDING AND LANDSCAPING (MINIMUM OF 4" OF TOPSOIL).

THE LOCATIONS FOR EXISTING UTILITIES AS SHOWN ON THE PLANS ARE BASED ON BEST INFORMATION AVAILABLE, BUT NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

PROTECT OVERHEAD UTILITY LINES AND UNDERGROUND LINES DURING ALL CONSTRUCTION.

SPECIFICATIONS FOR THIS PROJECT SHALL BE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION; SPECIAL PROVISIONS, "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.

ANY CONSTRUCTION OR WORK INDICATED IN THE PLANS OR SPECIFIED IN THE PROPOSAL SHALL BE COMPLETED BY THE CONTRACTOR.

QUANTITIES SHOWN ARE FOR INFORMATION ONLY, CONTRACTOR MUST VERIFY. FINAL PAYMENT SHALL BE ON AN AS-MEASURED BASIS.

CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITY LOCATIONS IN FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THE UTILITY COMPANY AND ANY POTENTIAL UTILITY ADJUSTMENTS.

CALL J.U.L.I.E. (1-800-892-0123) FOR UTILITY LOCATION INFORMATION PRIOR TO EXCAVATION.

ALL EXCAVATION FOR STRUCTURES SHALL BE KEPT DEWATERED DURING CONSTRUCTION OPERATIONS UNTIL BACKFILL IS IN PLACE.

TRENCH BACKFILL SHALL BE USED IN LOCATIONS WHERE THERE IS AN EXISTING OR NEW PERMANENT SURFACE AND SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

ALL EXCESS EARTH EXCAVATION TO BE DISPOSED OF BY CONTRACTOR OFF-SITE.

LOCATION OF PROPERTY LINES IS APPROXIMATE.

RIGHT OF WAY LINES INDICATED ON THE PLANS ARE APPROXIMATE.

THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL EXISTING PROPERTY MARKERS UNTIL AN AUTHORIZED SURVEYOR HAS REFERENCED THEIR LOCATION. PROPERTY MARKERS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

ALL PROPERTY CORNER MONUMENTATION SHALL BE RESTORED TO THE CONDITION EXISTING BEFORE CONSTRUCTION BEGAN.

CONTRACTOR SHALL RESTORE ALL DISTURBED GRASS AREAS.

THE CONTRACTOR SHALL CAREFULLY REMOVE ALL MAILBOXES AT THE HOMEOWNER'S OPTION, DISPOSE OF THEM OFF-SITE OR DELIVER TO HOMEOWNER. COORDINATE REMOVAL WITH THE UNITED STATES POSTAL SERVICE. PROVIDE TEMPORARY MAILBOX INSTALLATION. THE CONTRACTOR SHALL RE-INSTALL MAILBOXES TO THEIR ORIGINAL LOCATION AFTER CONSTRUCTION IS COMPLETE. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

THE CONTRACTOR SHALL REMOVE EXISTING STREET SIGNS AND POSTS TO BE COLLECTED BY THE PUBLIC WORKS DEPARTMENT TO PREVENT DAMAGE AND THEFT. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

PLANTING LOCATION FOR ALL TREES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. CONTRACTOR SHALL NOTIFY THE CITY OF FREEPORT AND THE ENGINEER A MINIMUM OF 2 DAYS IN ADVANCE OF PLANTING TO COORDINATE PROPER TREE PLACEMENT.

CONTRACTOR SHALL PROTECT AND PREVENT DAMAGE TO EXISTING TREES WHICH ARE NOT INDICATED ON THE PLANS TO BE REMOVED. TREE PROTECTION SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

TOP OF CURB (TBC) ELEVATIONS INDICATED ON THE PLANS ARE TO STANDARD 6" CURB HEIGHT.

VAN BUREN BRIDGE SHALL NOT BE USED TO MOVE CONSTRUCTION EQUIPMENT FROM ONE SIDE TO THE OTHER.

GRANITE BARRIER CURB SECTIONS LOCATED ON VAN BUREN AVE. IN AREAS MARKED OUT FOR REMOVAL WILL BE REMOVED AND DELIVERED TO CITY OF FREEPORT STREET MAINTENANCE FACILITY FOR SALVAGE. THIS IS CONSIDERED INCIDENTAL TO THE CONTRACT.

PROPERTY LINE LOCATIONS ARE FROM RECORDED DOCUMENTS AND HAVE NOT BEEN FIELD VERIFIED.

CONTRACTOR WILL BE RESPONSIBLE FOR A FINAL MOWING OF CONSTRUCTION LIMITS PRIOR TO CITY OF FREEPORT, OR TOWNSHIP TAKING POSSESSION. THIS IS TO BE CONSIDERED INCIDENTAL TO THE CONTRACT.

ANY EXCESS TOPSOIL STRIPPED FROM TWIN MAPLES TRUST SHALL BE STOCKPILED AND REMAIN PROPERTY OF THE CITY OF FREEPORT.

SUBGRADE PREPARATION

TOPSOIL OR OTHERWISE UNSUITABLE SOIL SHALL BE STRIPPED. STOCKPILE TOPSOIL IN AREA APPROVED BY OWNER AND REMOVE UNSUITABLE MATERIAL AND EXCESS SOIL FROM SITE.

THE UPPER 12 INCHES OF SUBGRADE BELOW PAVEMENTS, OR NEW FILLS SHALL BE BROUGHT TO WITHIN ±2% OF OPTIMUM MOISTURE AND COMPACTED TO NOT LESS THAN 90% OF MAXIMUM DENSITY. OPTIMUM MOISTURE IS ESTIMATED TO BE IN THE RANGE OF 8% TO 9% DURING COOL OR WET SEASONS. THEREFORE IT MAY BE NECESSARY TO DISK AND AERATE THE EXISTING UPPER 12 INCHES OF SOIL TO ACHIEVE OPTIMUM MOISTURE CONTENT.

NO FILL OR BACKFILL SHALL CONSIST OF OR BE PLACED OVER FROZEN, MUDDY, OR OTHERWISE UNSTABLE MATERIAL.

ALL FILL OR BACKFILL PLACED BENEATH EXTERIOR PAVED AREAS SHALL BE COMPACTED TO NOT LESS THAN 90% OF MAXIMUM DENSITY.

ALL FILL AND BACKFILL SHALL BE PLACED IN LIFTS NOT GREATER THAN 8 INCHES IN THICKNESS, LOOSE MEASUREMENT, PRIOR TO COMPACTION.

AREAS OF SOFT OR UNSTABLE SUB-BASE SHALL BE UNDERCUT A MINIMUM OF 12" AND AGGREGATE BASE (CA-2 AND IDOT BREAKER RUN) PLACED AND COMPACTED TO 90% OF MAXIMUM DENSITY.

ALL DENSITY MEASUREMENTS REFERENCED ABOVE SHALL BE IN ACCORDANCE WITH ASTM DESIGNATION D1557-78 MODIFIED PROCTOR METHOD.

EROSION AND SEDIMENTATION CONTROL NOTES

EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AS CONTAINED IN IEPA/WPC/ 87-012 OR CURRENT EDITION AND ACCORDING TO PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS, LATEST EDITION AND ACCORDING TO THE STANDARDS OF THE CITY OF FREEPORT.

A TEMPORARY SEDIMENT BARRIER OF FILTER FABRIC SHALL BE PLACED AROUND EACH STORM SEWER INLET POTENTIALLY IMPACTED BY WORK. (SEE DETAILS)

FABRIC FILTER FENCES SHALL BE PLACED AROUND ANY SOIL STOCK PILE WITH MORE THAN 10 CU. YD. OF MATERIAL. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL SWEEP OR CLEAN (NOT FLUSH) ANY CONSTRUCTION SOIL MATERIAL FROM THE STREET TO PREVENT TRACKING.

THE CONTRACTOR SHALL INSPECT EROSION CONTROL STRUCTURES DAILY AND IMMEDIATELY AFTER ANY STORM OF 1/2" RAINFALL OR MORE.

THE ENGINEER SHALL DETERMINE THE ADEQUACY OF THE CONTRACTOR'S EROSION CONTROL EFFORTS. OWNER SHALL HAVE FULL AUTHORITY TO SUSPEND OR LIMIT THE CONTRACTOR'S OPERATIONS PENDING ADEQUATE PERFORMANCE OF EROSION CONTROL MEASURES.

SEE CROSS SECTIONS FOR SPECIAL DITCHES AND BACKSLOPES.

PREVIOUSLY PUGMILLED STOCKPILES OF "TYPE A" AGGREGATES OLDER THAN 1 MONTH WILL NOT BE APPROVED FOR USE UNTIL A MOISTURE CHECK IS RUN TO VERIFY MOISTURE CONTENT. MATERIAL SHIPPED TO PROJECTS WITHOUT BEING TESTED WILL NOT BE ACCEPTED.

REVISIONS		
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	4/19/14