	T	SUMMARY OF QUANTITIES			CONSTRUCTO	SRTS
PECIALTY ITEM	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	SFTY-18	·
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	252	125	127
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	324	56	268
	20100600	HEDGE REMOVAL	UNIT	153	40	113
	20101200	TREE ROOT PRUNING	EACH	20	10	10
	20200100	EARTH EXCAVATION	CU YD	3100	950	2150
	20800150	TRENCH BACKFILL	CU YD	35		35
	20900310	POROUS GRANULAR BACKFILL	TON	120	50	70
	21101610	TOPSOIL FURNISH AND PLACE, 3"	SQ YD	8491	2678	5813
	21400100	GRADING AND SHAPING DITCHES	FOOT	500	250	250
	25000100			ļ		
		SEEDING, CLASS 1	ACRE	1.75	0.55	1.2
	25100125	MULCH, METHOD 3	ACRE	1.75	0.55	1.2
	25200200	SUPPLEMENTAL WATERING	UNIT	20	7	13
	31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	65	22	43
	35101400	AGGREGATE BASE COURSE, TYPE B	TON	454	136	318
	40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.53	0.16	0.37
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	38	10	28
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	25	7	18
	42001300	PROTECTIVE COAT	SQ YD	9024	3170	5854
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	395	45	350
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	64,782	23722	41060
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11.451	3420	8031
	42400800	DETECTABLE WARNINGS	SQ FT	1300	510	790
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	374	135	239
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1950	550	1400
	44000300	CURB REMOVAL	FOOT	510	190	320
	44000600	SIDEWALK REMOVAL	SQ FT	1115	15	1100
	44002500	GUTTER OUTLET REMOVAL	EACH	1	-	1
	44004400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	9	_	9
	44201717	CLASS D PATCHES, TYPE II. 6 INCH	SQ YD	20	10	10
	48101200	AGGREGATE SHOULDERS, TYPE B	TON	100	50	50
	50105200	REMOVE EXISTING CULVERTS	EACH	39	13	26
	542C0217	PIPE CULVERTS, CLASS C, TYPE 1, 12"	FOOT	2500	1050	1450
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 12"	EACH	2	1	1
	54213867	STEEL END SECTIONS 12"	EACH	110	50	60
	55019500	STORM SEWERS, TYPE 1. REINFORCED CONCRETE CULVERT. STORM DRAIN. AND SEWER PIPE, CLASS IV. 12"	FOOT	160	40	120
	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	31	6	25
	60107600	PIPE UNDERDRAINS 4"	FOOT	1025	550	475
	60236200	INLETS. TYPE A, TYPE 8 GRATE	EACH	8	3	5
	60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	2	1	1
	60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	18	10	8
	60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	6	3	3
	60255500	MANHOLES TO BE ADJUSTED	EACH	27	8	19
		VALVE BOXES TO BE ADJUSTED	EACH	10	3	7
	60266600			 		
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	4	1	3
	60500040	REMOVING MANHOLES	EACH	10	3	7
	60600095	CLASS ST CONCRETE (OUTLET)	CUYD	7	3	4
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE 8-6.12	FOOT	2500	700	1300
*	63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	80	40	40
N .	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT	EACH	4	2	2
*	63200310	GUARDRAIL REMOVAL	FOOT	20	40	40
*		MOBILIZATION	LSUM	. 1	0.50	0.50
*	67100100				0.50	0.50
*	67100100 70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	. 1	0.50	
*			L S UM EACH	. 1	7	18
*	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501		ļ		18 4800
	70102620 72400500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	. 25	7	
*	70102620 72400500 78000200	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY-TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4"	EACH FOOT	25 6500	7 1700	4800
*	70102620 72400500 78000200 78000400	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY-TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 6" THERMOPLASTIC PAVEMENT MARKING - LINE 12"	EACH FOOT FOOT FOOT	25 6500 4070 776	7 1700 800 50	4800 3270 726
*	70102620 72400500 78000200 78000400 78000600 78000650	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY-TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 6" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT FOOT FOOT FOOT	25 6500 4070 776 725	7 1700 800 50 225	4800 3270 726 500
*	70102620 72400500 78000200 78000400 78000600 78000650 Z0000940	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY-TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 6" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24" AGGREGATE FOR DRIVEWAY MAINTENANCE	FOOT FOOT FOOT FOOT TON	25 6500 4070 776 725 40	7 1700 800 50 225 20	4800 3270 726 500 20
*	70102620 72400500 78000200 78000400 78000600 78000650 Z0000940 Z0018900	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY - TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 6" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24" AGGREGATE FOR DRIVEWAY MAINTENANCE DRILL AND GROUT DOWEL BARS	FOOT FOOT FOOT TON EACH	25 6500 4070 776 725 40 95	7 1700 800 50 225 20 35	4800 3270 726 500 20 60
*	70102620 72400500 72000200 78000400 78000600 78000650 Z0000940 Z0018900 Z0022800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY - TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 6" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24" AGGREGATE FOR DRIVEWAY MAINTENANCE DRILL AND GROUT DOWEL BARS FENCE REMOVAL	FOOT FOOT FOOT TON EACH FOOT	25 6500 4070 776 725 40 95 545	7 1700 800 50 225 20 35 435	4800 3270 726 500 20 60 110
*	70102620 72400500 78000200 78000400 78000600 78000650 Z0000940 Z0018900 Z0022800 Z0055900	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY - TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24" AGGREGATE FOR DRIVEWAY MAINTENANCE DRILL AND GROUT DOWEL BARS FENCE REMOVAL RUSTIC WOOD POST AND RAIL FENCE	FOOT FOOT FOOT TON EACH FOOT FOOT	25 6500 4070 776 725 40 95 545 270	7 1700 800 50 225 20 35 435	4800 3270 726 500 20 60 110 170
*	70102620 72400500 72000200 78000400 78000600 78000650 Z0000940 Z0018900 Z0022800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY - TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 6" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24" AGGREGATE FOR DRIVEWAY MAINTENANCE DRILL AND GROUT DOWEL BARS FENCE REMOVAL	FOOT FOOT FOOT FOOT FOOT FOOT FOOT FOOT	25 6500 4070 776 725 40 95 545 270 4600	7 1700 800 50 225 20 35 435	4800 3270 726 500 20 60 110
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*	70102620 72400500 73000200 73000400 78000600 78000650 Z000940 Z0013900 Z0022800 Z0055900 Z0062300	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY - TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24" AGGREGATE FOR DRIVEWAY MAINTENANCE DRILL AND GROUT DOWEL BARS FENCE REMOVAL RUSTIC WOOD POST AND RAIL FENCE SAWING ASPHALT SURFACE	FOOT FOOT FOOT FOOT FOOT FOOT FOOT FOOT	25 6500 4070 776 725 40 95 545 270 4600	7 1700 800 50 225 20 35 435 100	4300 3270 726 500 20 60 110 170 3300
*	70102620 72400500 73000200 73000400 78000600 78000650 70000940 70013900 70022800 70062300 7000856	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY - TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24" AGGREGATE FOR DRIVEWAY MAINTENANCE DRILL AND GROUT DOWEL BARS FENCE REMOVAL RUSTIC WOOD POST AND RAIL FENCE SAWING ASPHALT SURFACE MAILBOX REMOVAL AND RELOCATION	FACH FOOT FOOT FOOT TON EACH FOOT FOOT FOOT FOOT FOOT	25 6500 4070 776 725 40 95 545 270 4600 25	7 1700 800 50 225 20 35 435 100 1300	4300 3270 726 500 20 60 110 170 3300
*	70102620 72400500 73000200 78000400 78000600 78000650 Z000940 Z0018900 Z0022800 Z0055900 X000856 XX001621 XX006806	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY - TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24" AGGREGATE FOR DRIVEWAY MAINTENANCE DRILL AND GROUT DOWEL BARS FENCE REMOVAL RUSTIC WOOD POST AND RAIL FENCE SAWING ASPHALT SURFACE MAILBOX REMOVAL AND RELOCATION BRICK PAVER REMOVAL	EACH FOOT FOOT FOOT TON EACH FOOT FOOT EACH SQ FT SQ YD	25 6500 4070 776 725 40 95 545 270 4600 25 36	7 1700 800 50 225 20 35 435 100 1300 1	4800 3270 726 500 20 60 110 170 3300 24
*	70102620 72400500 73000200 78000400 78000600 78000650 Z000940 Z0018900 Z0022800 Z0055900 Z0062300 XX000856 XX001621 XX006806 X0322256	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY - TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 6" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24" AGGREGATE FOR DRIVEWAY MAINTENANCE DRILL AND GROUT DOWEL BARS FENCE REMOVAL RUSTIC WOOD POST AND RAIL FENCE SAWING ASPHALT SURFACE MAILBOX REMOVAL AND RELOCATION BRICK PAVER REMOVAL HOT-MIX ASPHALT DRIVEWAY PAVEMENT TEMPORARY INFORMATIONAL SIGNING	EACH FOOT FOOT FOOT TON EACH FOOT FOOT EACH SQ FT SQ YD SQ FT	25 6500 4070 776 725 40 95 545 270 4600 25 36 650	7 1700 800 50 225 20 35 435 100 1300 1 36 200 50	4300 3270 726 500 20 60 110 170 3300 24 - 450 50
*	70102620 72400500 73000200 78000400 78000600 78000650 Z000940 Z0018900 Z0022800 Z0055900 X000856 XX001621 XX006806	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY - TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 6" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24" AGGREGATE FOR DRIVEWAY MAINTENANCE DRILL AND GROUT DOWEL BARS FENCE REMOVAL RUSTIC WOOD POST AND RAIL FENCE SAWING ASPHALT SURFACE MAILBOX REMOVAL AND RELOCATION BRICK PAVER REMOVAL HOTMIX ASPHALT DRIVEWAY PAVEMENT	EACH FOOT FOOT FOOT TON EACH FOOT FOOT EACH SQ FT SQ YD	25 6500 4070 776 725 40 95 545 270 4600 25 36	7 1700 800 50 225 20 35 435 100 1300 1 36	4300 3270 726 500 20 60 110 170 3300 24 -
*	70102620 72400500 73000200 78000400 78000600 78000650 Z000940 Z0018900 Z0022800 Z0055900 Z0062300 XX000856 XX001621 XX006806 X0322256	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY - TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 6" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24" AGGREGATE FOR DRIVEWAY MAINTENANCE DRILL AND GROUT DOWEL BARS FENCE REMOVAL RUSTIC WOOD POST AND RAIL FENCE SAWING ASPHALT SURFACE MAILBOX REMOVAL AND RELOCATION BRICK PAVER REMOVAL HOT-MIX ASPHALT DRIVEWAY PAVEMENT TEMPORARY INFORMATIONAL SIGNING	EACH FOOT FOOT FOOT TON EACH FOOT FOOT EACH SQ FT SQ YD SQ FT	25 6500 4070 776 725 40 95 545 270 4600 25 36 650	7 1700 800 50 225 20 35 435 100 1300 1 36 200 50	4300 3270 726 500 20 60 110 170 3300 24 450 50
*	70102620 72400500 73000200 73000400 78000600 78000650 Z0009940 Z0018900 Z0022800 Z0055900 Z0062300 XX000856 XX001621 XX006806 X0322256 X0322923	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 RELOCATE SIGN PANEL ASSEMBLY - TYPE A THERMOPLASTIC PAVEMENT MARKING - LINE 4" THERMOPLASTIC PAVEMENT MARKING - LINE 6" THERMOPLASTIC PAVEMENT MARKING - LINE 12" THERMOPLASTIC PAVEMENT MARKING - LINE 24" AGGREGATE FOR DRIVEWAY MAINTENANCE DRILL AND GROUT DOWEL BARS FENCE REMOVAL RUSTIC WOOD POST AND RAIL FENCE SAWING ASPHALT SURFACE MAILBOX REMOVAL AND RELOCATION BRICK PAVER REMOVAL HOT-MIX ASPHALT DRIVEWAY PAVEMENT TEMPORARY INFORMATIONAL SIGNING	EACH FOOT FOOT FOOT TON EACH FOOT FOOT EACH SQ FT SQ YD SQ FT	25 6500 4070 776 725 40 95 545 270 4600 25 36 650	7 1700 800 50 225 20 35 435 100 1300 1 36 200 50	4300 3270 726 500 20 60 110 170 3300 24 450

PLAN NOTES

- 1 ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007, AND THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", ADOPTED ON JANUARY 1, 2009, THE DETAILS IN THESE PLANS AND THE CONTRACT DOCUMENTS.
- 2. THE ELEVATIONS SHOWN ON THESE PLANS ARE U.S.G.S. DATUM
- 3. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT SOME QUANTITIES ARE GIVEN IN BOTH SUMMARY FORM AND ON THE PLAN SHEETS. CARE SHOULD, THEREFORE, BE TAKEN TO AVOID DUPLICATION OF QUANTITIES.
- 4. THE CONTRACTOR SHALL NOTIFY JULIE (811) FOR UTILITY LOCATIONS AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
- DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIALS BLOCKING DITCH LINES, STORM SEWERS, MANHOLES, ETC., SHALL BE REMOVED AT THE END OF EACH DAY. MAINTENANCE OF DRAINAGE WAYS AND STRUCTURES SHALL BE INCLUDED IN THE
- ALL SUITABLE EXCAVATED MATERIALS FROM SEWER TRENCHES, ENTRANCES OR OTHER NECESSARY EXCAVATIONS SHALL BE USED IN THE CONSTRUCTION OF THE ROADWAY, PLACEMENT AND COMPACTION OF THIS MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 202 EARTH EXCAVATION.
- 7. EXISTING SUMP PUMPS, FIELD TILES, ETC., DISCHARGING INTO EXISTING STORM SEWERS SHALL BE PROTECTED.
- 8. ALL SOD OR OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM EXISTING SURFACES BEFORE PLACING AGGREGATE
- 9. THE LOCATION AND/OR ELEVATIONS OF THE EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS, TELEPHONES AND POWER ARE SHOWN ON THE PLANS BASED ON THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR MUST ASSUME RESPONSIBILITY FOR ALL UTILITIES, WHETHER SHOWN OR NOT, AND MUST REALIZE THAT THE ACTUAL LOCATIONS AND/OR ELEVATIONS OF THE UTILITIES SHOWN MAY BE DIFFERENT THAN INDICATED. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY COMPANIES SO THAT ANY RELOCATION NECESSARY WILL PROCEED IN AN ORDERLY MANNER
- 10. FRAME ELEVATIONS SHOWN ON THE PLAN ARE APPROXIMATE ONLY AND SHALL BE ADJUSTED TO FINAL GRADE AT THE TIME CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITHIN 6 INCHES OF PLAN ELEVATION.
- 11. HANDICAP RAMPS SHALL BE PROVIDED AT ALL INTERSECTIONS. SIDEWALK SHALL BE 5 INCHES THICK EXCEPT WHERE IT CROSSES A DRIVE, WHERE IT SHALL BE 6 INCHES THICK.
- 12. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB AND GUTTER, P.C.C. SIDEWALK AND P.C.C. SIDEWALK.
- 13. PIPES TO BE ABANDONED SHALL BE PLUGGED AND BULKHEADED AS DIRECTED BY THE ENGINEER AT EACH END. COST OF BULKHEADING SHALL BE INCLUDED IN THE PRICE OF STORM SEWER INSTALLATION.
- 14. ANY EXISTING DECORATIVE LANDSCAPING WITHIN THE RIGHT-OF-WAY THAT INTERFERES WITH THE WORK, SUCH AS RETAINING WALL TIMBERS, RAILROAD TIES, ORNAMENTAL ROCKS, FENCES, DECORATIVE WALKS, PLANTERS AND BUSHES SHALL BE REMOVED AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- 15. AGGREGATE FOR AGGREGATE BASE COURSE, AGGREGATE SHOULDERS, AGGREGATE FOR DRIVEWAY MAINTENANCE AND SUB BASE GRANULAR MATERIAL SHALL BE CA-6, CRUSHED STONE OR GRAVEL.
- 16. THE PAY ITEM FOR DRIVEWAY REMOVAL SHALL INCLUDE BOTH CONCRETE AND HMA DRIVEWAYS. HMA DRIVEWAY PAVEMENT SHALL BE PAID FOR AT THE UNIT PRICE PER SQUARE YARD OF HOT—MIX ASPHALT DRIVEWAY PAVEMENT. MATERIAL THICKNESS FOR DRIVEWAYS SHALL BE 3 INCHES.
- 17. SIDEWALK AND CURB REMOVAL SHALL INCLUDE SAW CUTTING WHERE NECESSARY.
- 18. REMOVAL OF EXISTING END SECTIONS AND DELIVERY OF ANY SALVAGED MATERIALS REQUESTED BY THE OWNER SHALL BE INCLUDED IN THE COST OF REMOVE EXISTING CULVERTS.
- 19. PIPE CULVERTS SHALL CONFORM TO SECTION 542 OF THE STANDARD SPECIFICATIONS. MATERIALS SHALL BE CORRUGATED STEEL CULVERT PIPE AND INCLUDE ALL NECESSARY COUPLING RINGS, ETC.
- 20. THE PAY ITEM FOR DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED SHALL INCLUDE BOTH WATER AND GAS SERVICES.
- 21. ADJUSTMENT OF MANHOLES AND VALVE VAULTS SHALL BE MADE WITH PRECAST CONCRETE ADJUSTMENT RINGS AND SEALED WITH A BUTYL BASED ROPE GASKET.
- 22. THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING DRIVEWAYS ALONG THE ROUTE. FOR NEW CURB, THE VOID IN FRONT AND BACK WILL BE FILLED WITH AGGREGATE FOR DRIVEWAY MAINTENANCE IMMEDIATELY THE VOID IN FRUNT AND BACK WILL BE FILLED WITH AGGREGATE FOR DRIVEWAY MAINTENANCE IMMEDIATELY
 AFTER THE CURB HAS CURED. AGGREGATE USED FOR ACCESS TO DRIVES SHALL BE RE-USED AS PART OF THE DRIVEWAY SHAPING
 AND GRADING, PAYMENTS SHALL BE AT THE UNIT PRICE PER TON AND INCLUDE SCARIFYING, GRADING, RE-HANDLING OF THE
 MATERIAL, COMPACTING, FURNISHING, INSTALLING AND REMOVING OF MATERIALS FOR AGGREGATE FOR DRIVEWAY
- 23. STORM SEWER INSTALLATION SHALL BE IN ACCORDANCE WITH SECTIONS 550 AND 551 OF THE STANDARD SPECIFICATIONS WITH THE FOLLOWING EXCEPTIONS: BEDDING MATERIALS SHALL BE PLACED FROM A POINT 4 INCHES BELOW THE PIPE TO AT LEAST THE SPRINGLINE OF THE PIPE. PIPE MATERIAL SHALL BE REINFORCED CONCRETE PIPE, ASTM C-76 WITH ASTM C-443 JOINTS.
- 24. EXISTING PUBLIC AND PRIVATE UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES, MUNICIPALITIES, AND SURVEYS. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE LOCATION OF ALL UTILITIES AND STRUCTURES THAT MAY BE FOUND IN THE VICINITY OF THE CONSTRUCTION AND ASSUME RESPONSIBILITY FOR ALL UTILITIES WHETHER SHOWN OR NOT, AND MUST REALIZE THAT THE ACTUAL LOCATIONS AND/OR ELEVATIONS OF THE UTILITIES MAY BE DIFFERENT THAN INDICATED. SHOULD ANY DAMAGES OCCUR DUE TO THE CONTRACTOR'S NEGLIGENCE, REPAIRS SHALL BE MADE BY THE CONTRACTOR AT HIS OWN EXPENSE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OF HIS CONSTRUCTION SCHEDULE AND COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY COMPANIES SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER.

- 25. EXISTING SIGNS THAT REQUIRE RELOCATION DUE TO THE DAMAGED ROADWAY ALIGNMENT SHALL BE REMOVED AND RELOCATED TO THE LOCATION DESIGNATED BY THE ENGINEER. RELOCATION SHALL BE PAID FOR EACH LOCATION AND INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT TO BE COMPLETE AND IN-PLACE. SIGNS THAT INTERFERE AND INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT TO BE COMPLETE AND IN-THE ASS. SIGN THE AND THE ASS. SIGN THE ASS. IS A PAY ITEM OR NOT, SHALL OCCUR AS SOON AS PRACTICAL AND AT THE DIRECTION OF THE ENGINEER.
 PAYMENT SHALL BE AT THE UNIT PRICE PER ITEM OF RELOCATION OF SIGN PANEL ASSEMBLY, TYPE A.
- 26. TREE REMOVAL SHALL BE MEASURED IN UNITS-DIAMETER. UNITS FOR THE PAY ITEM SHALL BE MEASURES BY THE INCH.
- 27. CLASS SI CONCRETE (OUTLETS) SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARDS 606006 WITH THE FOLLOWING EXCEPTION. THE OUTLET SHALL BE MODIFIED FOR A COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 SECTION.
- 28. PIPE UNDERDRAINS ADJACENT TO MASONRY RETAINING WALL SHALL BE INSTALLED AS FOLLOWS:
 - A.) BACKFILL SHALL CONSIST OF CA-16 AND SHALL BE INCLUDED IN THE PRICE FOR THE UNDERDRAINS.
 B.) PIPE MATERIAL SHALL BE PERFORATED PVC, AASHTO M278 OR PERFORATED CORRUGATED PVC WITH
 - A SMOOTH INTERIOR ASTM F949, SIZE AS SHOWN ON THE DRAWINGS.
 C.) PIPE JOINTS SHALL BE GASKET OR "O-RING" TYPE.

 - D.) FABRIC ENVELOPE FOR PIPE UNDERDRAIN SHALL BE PROVIDED AND COMPLY WITH ARTICLE 1080.01A FOR NONWOVEN, NEEDLE PUNCH FABRIC. THE COST OF THE FABRIC ENVELOPE SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT OF PIPE UNDERDRAINS, 4"
- 29. SIDEWALKS SHALL BE CONSTRUCTED ACCORDING TO SECTION 424 OF THE STANDARD SPECIFICATIONS WITH THE FOLLOWING EXCEPTIONS. THE PLANS ARE ILLUSTRATIVE ONLY TO PROVIDE THE CONTRACTOR WITH THE SCOPE AND ESTIMATE OF WORK REQUIRED. FINAL LOCATION OF THE SIDEWALKS SHALL BE STAKED IN THE FIELD AND WILL BE SUBJECT MINOR TO DEVIATION AS DETERMINED BY ENGINEER, NO ADDITIONAL COMPENSATION WILL BE PERMITTED DUE TO MINOR REALIGNMENT OF THE SIDEWALK. EXPANSION JOINTS SHALL BE INSTALLED EVERY 50 FEET WITH PERFORMED JOINT FILLER IN ACCORDANCE WITH SECTION 424 OF THE STANDARD SPECIFICATIONS. EXCAVATION TO SUBBORADE SHALL BE PAID FOR AS EARTH EXCAVATION OR SIDEWALK REMOVAL. AGGREGATE MATERIALS SHALL BE P. FOR AS SUBBASE GRANULAR MATERIALS, TYPE A. SIDEWALK SHALL BE PAID FOR AT THE UNIT PRICE PER SQUARE
- 30. THERE ARE U.S. POSTAL SERVICE MAILBOXES WHICH WILL REQUIRE REMOVAL, TEMPORARY PLACEMENT FOR CONTINUED THERE ARE U.S. POSTAL SERVICE MAILBOXES WHICH WILL REQUIRE REMOVAL, TEMPORARY PLACEMENT FOR CONTINUED OPERATION, AND RESETTING TO THERE NEW LOCATION. PRIOR TO MOUNG ANY MAILBOXES, THE CONTRACTOR MUST FIRST CHECK WITH THE LOCAL POST OFFICE TO DETERMINE ANY AND ALL CONDITIONS REQUIRED FOR MOVING SAID MAILBOXES. IF ANY POST OR MAILBOXES ARE BROKEN DURING RELOCATION, THE CONTRACTOR WILL REPLACED THE DAMAGED MATERIALS IN KIND AND AT NO COST TO THE CONTRACT. ALL REPLACEMENT MATERIALS SHALL MEET THE APPROVAL OF THE ENGINEER AND POST OFFICE. PERMANENT RELOCATION OF THE MAILBOXES SHALL TAKE PLACE AS SOON AS POSSIBLE AFTER COMPLETION OF THE ROADWAY WIDENING, AND BE ST IN A MANNER SO APPROVED BY THE POST OFFICE AND ENGINEER. AS PER ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS PAYMENT FOR MAIL BOX REMOVAL AND RELOCATION WILL BE PAID AT THE UNIT PRICE PROVIDED.
- 31. ANY EXISTING SUMP PUMP/DOWNSPOUT DRAINS THAT DISCHARGE UNDER THE PROPOSED SIDEWALK SHALL BE CONNECTED AND EXTENDED BEYOND THE SIDEWALK AND HAVE AN OPEN DISCHARGE. PAYMENT SHALL BE AT THE UNIT PRICE PER FOOT OF PIPE UNDERDRAIN. 4".

HIGHWAY STANDARDS

000001-05 . . . STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

424001-05 CURB RAMPS FOR SIDEWALKS

606001-04 CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER

701.301-0.3 LANE CLOSURE, 2L, 2W,SHORT TIME OPERATIONS 701501-05 . URBAN LANE CLOSURE, 2L, 2W UNDIVIDED

TRAFFIC CONTROL DEVICES

780001-02 TYPICAL PAVEMENT MARKINGS PRECAST REINFORCED CONCRETE FLARED END SECTION 542301-02

542401-01 . . METAL END SECTIONS FOR PIPE CULVERTS

602306-02 INLET, TYPE B

INI FT. TYPF A 602301-02

604001-03 FRAME AND LIDS, TYPE 1

. . . GRATE, TYPE 8 604036-02 CLASS C AND D PATCHES 442201-03

606006-02 . . . OUTLET FOR CONCRETE CURB AND GUTTER TYPE B-15.60 (B-6.24)

FILE NAME = 10258802.DWG USER NAME =	DESIGNED RJD	REVISED -
FILE NAME =	DRAWN — EC	REVISED —
PLOT SCALE =	CHECKED — RJD	REVISED —
PLOT DATE =	DATE - 10/02/09	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SUMMARY	OF	QUANTITIES,	PLAN	NOTES

SHEET NO. 2 OF 73 SHEETS

SCALE: N.T.S.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHE N(
	08-00062-00-SW	LAKE	73	2		
		CONTRACT	NO. 63	328		
ILLINOIS FED. AID PROJECT						