

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
2. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE DEPARTMENT DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS.
3. THE CONTRACTOR SHALL NOTIFY THE VILLAGE PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.
4. THE ENGINEER WILL FURNISH A RESIDENT PROJECT REPRESENTATIVE (RPR) TO ASSIST THE ENGINEER IN PROVIDING JOB-SITE OBSERVATION OF THE CONTRACTOR'S WORK. THE RPR WILL PROVIDE BASE LINES, BENCHMARKS AND REFERENCE POINTS, ASSIST THE CONTRACTOR WITH INTERPRETATION OF THE PLANS AND SPECIFICATIONS, OBSERVE IN GENERAL IF THE CONTRACTOR'S WORK IS IN CONFORMITY WITH THE CONTRACT DOCUMENTS, AND MONITOR THE CONTRACTOR'S PROGRESS AS RELATED TO THE DATE OF COMPLETION. THE LIMITATIONS ON AUTHORITY AND RESPONSIBILITY OF THE ENGINEER SHALL ALSO APPLY TO THE ENGINEER'S CONSULTANTS, RESIDENT PROJECT REPRESENTATIVE AND ASSISTANTS.
5. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.
6. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AS TEMPORARY ACCESS.
7. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, RESIDENTS, AND THE VILLAGE WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE ENGINEER TO RESIDENTS AT LEAST 24 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
8. THE FINISHED HOT-MIX ASPHALT SURFACE SHALL BE CONSTRUCTED 0.25 INCH ABOVE THE GUTTER FLAG.
9. PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 6-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES RESIDENTIAL DRIVEWAYS. TRANSVERSE EXPANSION JOINTS 3/4" SHALL BE PLACED EVERY 50 FEET OR AS DETERMINED BY THE ENGINEER. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED EVERY 5-FEET.
10. A 1/2-INCH THICK EXPANSION JOINT SHALL BE PROVIDED AT THE JUNCTION OF THE DRIVEWAY APRON AND CURB, AND AT THE JUNCTION OF THE DRIVEWAY APRON AND THE SIDEWALK. THIS WORK WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT.
11. THE CONTRACTOR SHALL CONTACT THE LOCAL AGENCY MATERIAL INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY CONCRETE OR HOT-MIX ASPHALT MATERIAL DELIVERIES.
12. ALL FRAME AND LID CASTINGS LOCATED WITHIN THE PAVEMENT WHICH REQUIRE RESETTING TO FINISH GRADE SHALL BE BACKFILLED WITH CLASS SI CONCRETE AND ALLOWED TO CURE FOR 72 HOURS PRIOR TO PLACEMENT OF SURFACE COURSE. CLASS PP CONCRETE SHALL BE USED IF PLACEMENT OF SURFACE COURSE IS PLANNED IN LESS THAN 72 HOURS. HMA MATERIALS WILL NOT BE ALLOWED AS BACKFILL AROUND AN ADJUSTED CASTING. THIS WORK SHALL APPLY TO ALL CASTINGS ADJUSTED OR RECONSTRUCTED AS PART OF THIS CONTRACT, WHETHER PAID FOR SEPARATELY OR INCLUDED IN OTHER CONTRACT WORK.
13. THE DAYS PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.
14. DETECTABLE WARNINGS SHALL BE CONSTRUCTED WITH THE INSTALLATION OF A CAST-IN-PLACE REPLACEABLE ADA SOLUTIONS, ENGINEERED PLASTICS OR DETECTILE DETECTABLE WARNINGS. THE PANEL SHALL BE A POLYMER COMPOSITE AND COMPLY WITH ADA REQUIREMENTS. THE DOMES LOCATED ON THE PANEL SHALL PARALLEL THE PAVEMENT CROSS WALK WITH THE CLOSEST EDGE LOCATED AT THE BACK OF CURB. THE PANEL COLOR SHALL BE SELECTED BY THE VILLAGE. INSTALLATION SHALL OCCUR IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
15. IN AREAS WHERE THE EXISTING DRIVEWAY, SIDEWALK, OR CURB AND GUTTER IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED DRIVEWAY, SIDEWALK, OR CURB AND GUTTER SUBGRADE ELEVATION SHALL BE INCLUDED IN THE REMOVAL PAY ITEMS.
16. THE CONTRACTOR WILL BE REQUIRED TO USE A STEEL PLATE OR PLATES TO CLOSE ANY GAPS OCCURRING WHEN A FRAME IS OFFSET FROM THE STRUCTURE. THE STEEL PLATE SHALL BE 1/2-INCH THICK AND APPROXIMATELY 6-INCH WIDE BY 24-INCH LONG. SOME ADJUSTMENT IN SIZE MAY BE NECESSARY TO PREVENT THE STEEL PLATE FROM OVERHANGING THE OUTSIDE OF THE STRUCTURE WALL. THE STEEL PLATE SHALL BE BEDDED IN AND COVERED WITH MORTAR. THIS WORK SHALL BE INCLUDED IN THE COST OF STRUCTURE ADJUSTMENTS OR STRUCTURE RECONSTRUCTION.
17. THE CURB SHALL BE TAPERED TO THE GUTTER IN A FIVE (5) FOOT LENGTH WHEREVER THE CURB AND GUTTER TERMINATES, WITH AN EXPANSION JOINT PLACED AT THE START OF THE TAPER.
18. ALL POSTS, RAILROAD TIES, AND DECORATIVE TIMBER IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
19. PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES, THE CONTRACTOR SHALL EXCAVATE AND LOCATE THE EXISTING UTILITIES TO VERIFY THEIR LOCATION, SIZE, AND DEPTH TO INSURE THAT GRADE CONFLICTS WILL NOT OCCUR. THE COST OF THIS EXPLORATION SHALL BE PAID FOR AS EXPLORATION TRENCH, SPECIAL.
20. THE COST OF MAKING ANY SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER OR STRUCTURE. ANY ADDITIONAL STORM SEWER PIPE REQUIRED TO MAKE THE CONNECTION SHALL BE OF THE SAME SIZE AND MATERIAL TYPE AS THE EXISTING STORM SEWER AND SHALL BE INCLUDED IN THE COST OF THE SEWER OR STRUCTURE.
21. IF ANY STORM SEWER LATERALS ARE FOUND DURING CONSTRUCTION AND ARE NOT IDENTIFIED ON THE PLANS, THEY SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM AND INCLUDED IN THE COST OF THE STORM SEWER CONSTRUCTION.
22. STORM STRUCTURE OFFSET LOCATIONS ARE TO THE EDGE OF PAVEMENT IF THE STRUCTURE IS IN THE CURB LINE OR TO THE CENTER OF STRUCTURE IF THE STRUCTURE IS NOT IN THE CURBLINE.
23. IN ALL TRENCHES CROSSING DRIVEWAYS, SIDEWALKS, AND ALL PROPOSED AND EXISTING ROADWAYS, THE MATERIAL FOR THE TOP 12 INCHES SHALL BE CA-6 CRUSHED GRAVEL OR CRUSHED STONE AND BE INCLUDED IN THE PAY ITEM FOR TRENCH BACKFILL.
24. FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF COST OF THE STRUCTURE.
25. A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.
26. ALL CRACKS AND JOINTS SHALL BE CLEANED PRIOR TO FILLING THEM. THIS WORK SHALL BE INCLUDED IN THE ITEM "MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS."
27. THE PRIME COAT APPLICATION RATE SHALL BE 0.1 GAL/SY. THE MC-30 PRIME COAT APPLICATION RATE SHALL BE 0.3 GAL/SY.
28. PIPE UNDERDRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL ON THE PLANS AND SHALL INCLUDE EXCAVATION; CONNECTIONS TO EXISTING OR PROPOSED STORM PIPES, DRAINAGE STRUCTURES OR PIPE DRAINS; GEOTECHNICAL FABRIC SOCK; AND CA-II TRENCH BACKFILL TO THE BOTTOM OF THE HOT-MIX ASPHALT BASE COURSE.
29. THE DETAIL FOR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT SHOWN IN THE PLANS SHALL BE MODIFIED TO INCLUDE THE FOLLOWING. THE WORK SHALL INCLUDE SAW-CUTTING AND REMOVING THE EXISTING PAVEMENT A MINIMUM OF 6-INCHES MEASURED FROM THE EXISTING EDGE OF PAVEMENT, AND FILLING THE 6" GAP WITH CLASS SI CONCRETE TO AN ELEVATION 2" BELOW THE PROPOSED CURB AND GUTTER FLAG. IF THE CONCRETE IS POURED HIGHER THAN 2" FROM THE GUTTER FLAG FOR STREETS TO BE RESURFACED, THE CONTRACTOR WILL BE REQUIRED TO GRIND ADDITIONAL CONCRETE TO THE REQUIRED 2" DEPTH. THE AREA BEHIND THE PROPOSED CURB AND GUTTER SHALL BE RESTORED WITH NATIVE SOD IN ACCORDANCE WITH SECTION 1081.03 RATHER THAN SALT TOLERANT SOD.
30. ON STREETS TO BE FULL WIDTH MILLED (2" OR MORE), THE EXISTING STRUCTURES IN THE PAVEMENT SHALL BE ADJUSTED IN ACCORDANCE WITH THE IDOT DETAIL "DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING". THIS WORK SHALL BE IN ADDITION TO THE REQUIREMENTS FOR DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED AND SHALL BE PAID FOR ONCE AT THE CONTRACT UNIT PRICE FOR DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED.
31. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND SHALL NOT EXCEED 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. A MAXIMUM GRADE DIFFERENCE OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H), AS DETERMINED BY THE ENGINEER.
32. FRAMES AND GRATES OR LIDS THAT ARE REMOVED AS A PART OF ADJUSTMENTS OR REMOVALS SHALL BE DELIVERED TO THE VILLAGE PUBLIC WORKS FACILITY. THE CONTRACTOR SHALL SCHEDULE A DELIVERY DATE AND TIME WITH THE VILLAGE PRIOR TO DELIVERY. THIS WORK SHALL BE INCLUDED IN THE STRUCTURE ADJUSTMENT OR REMOVAL.
33. ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.
34. MATERIALS, STRUCTURES OR MACHINES SHALL NOT BE STORED WHERE THEY WILL OBSTRUCT STREET CROSSINGS OR DRIVEWAY SIGHTLINES.
35. REMOVAL AND REPLACEMENT OF CURB AND GUTTER AND DRIVEWAYS PROVIDING ACCESS TO COMMERCIAL OR MULTIFAMILY DWELLINGS SHALL BE STAGED TO MAINTAIN CONTINUOUS ACCESS.
36. ALL PAVEMENT REMOVAL AND SAW CUTTING SHALL BE INCLUDED IN EARTH EXCAVATION.
37. A QUANTITY OF TREES HAS BEEN INCLUDED IN THE PLANS. THE LOCATION OF THESE TREES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER AT THE TIME OF CONSTRUCTION.
38. THE RESIDENT ENGINEER SHALL CONTACT WALTER CLARNY, AREA TRAFFIC FIELD ENGINEER AT (847) 715-8419 AT LEAST 2 WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.
39. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
40. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST (5) FIVE DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR WORKER PROTECTION.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES	
SCALE: NONE	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
195	13-00061-00-WR	LAKE	62	3
CONTRACT NO. 61A28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(193)				

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY	SAFETY	NON PARTICIPATING
				0003 STU	0021 STU	
55100700	STORM SEWER REMOVAL 15"	FOOT	40	40		
55101600	STORM SEWER REMOVAL 36"	FOOT	12	12		
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1		
* 56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	3	3		
* 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	10	10		
60107600	PIPE UNDERDRAINS 4"	FOOT	80	80		
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2		
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	6	6		
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1		
60207905	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	8	8		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2		
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	12	12		
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	8	8		

* SPECIALTY ITEM

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY	SAFETY	NON PARTICIPATING
				0003 STU	0021 STU	
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	1	1		
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	2	2		
60500050	REMOVING CATCH BASINS	EACH	2	2		
60500060	REMOVING INLETS	EACH	8	8		
60600605	CONCRETE CURB, TYPE B	FOOT	22	22		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4,900	4,900		
67100100	MOBILIZATION	L SUM	1	1		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	850	850		
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	10,200	10,200		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,940	1,940		

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
195	13-00061-00-WR	LAKE	62	6
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003193				CONTRACT NO. 61A28

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY	SAFETY	NON PARTICIPATING
				0003 STU	0021 STU	
Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	3	3		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	167	167		
Z0056606	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT	149	149		
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	194	194		
Z0062456	TEMPORARY PAVEMENT	SQ YD	377	377		
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1	
Z0007510	ENGINEERED BARRIER	SQ YD	90	90		
\$ Z0076600	TRAINEES	HOURL	1,000	1,000		
\$ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	1,000	1,000		
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	267			267
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	200	200		
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	31	31		
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4	4		
X6011705	PIPE DRAINS 6" (SPECIAL)	FOOT	50	50		
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1	
* X8771170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT. (SPECIAL)	EACH	1		1	

* SPECIALTY ITEM
\$ CONSTRUCTION CODE 0042 TRAINEES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY	SAFETY	NON PARTICIPATING
				0003 STU	0021 STU	
* X8771180	STEEL MAST ARM ASSEMBLY AND POLE 28 FT. (SPECIAL)	EACH	1		1	
* X8771190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT. (SPECIAL)	EACH	1		1	
* X8771210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT. (SPECIAL)	EACH	1		1	
XX001621	BRICK PAVER REMOVAL	SQ FT	1,560	1,560		
XX004688	BRICK PAVER SIDEWALK	SQ FT	1,120	1,120		
* XX005931	TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	4		4	
XX006355	RELOCATE EXISTING BRICK PILLAR	EACH	1	1		

* SPECIALTY ITEM

LOCATION	EARTHWORK										
	UNDERCUT AND AGGREGATE SUBGRADE IMPROVEMENT (CU YD)	UNSUITABLE EXCAVATION (TOPSOIL) (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	UTILITY EXCAVATION (CU YD)	EXCESS STRUCTURE EXCAVATION (CU YD)	TOTAL SUITABLE EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	
LAKE STREET	142	541	683	676	433	-	1,109	943	332	611	
IL RTE 120 (BELVIDERE ROAD)	75	75	150	105	4	-	109	93	25	68	
TOTAL	217	616	833	781	437	-	1,218	1,036	357	679	

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SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
195	13-00061-00-WR	LAKE	62	9
CONTRACT NO. 61A28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031093				