

**GENERAL NOTES**

1. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED IN THE STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS. UTILITY LOCATIONS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL USE CAUTION WHERE THERE ARE POTENTIAL CONFLICTS.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

4. ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.

5. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE TO STRUCTURES AT ALL TIMES.

6. WHERE THE PROPOSED PAVEMENT, SIDEWALK, OR CURB AND GUTTER ABUTS THE EXISTING PAVEMENT OR CONCRETE TO REMAIN IN PLACE, THE EXISTING PAVEMENT OR CONCRETE SHALL BE SAWCUT TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND THE EXISTING SURFACES. THIS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

7. THE CONTRACTOR SHALL PROTECT AND REPLACE ALL SIGNS REMOVED DURING CONSTRUCTION AS NEAR AS POSSIBLE TO THEIR ORIGINAL LOCATION, OR AS DETERMINED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE EARTH EXCAVATION PAY ITEM.

8. REMOVAL OF EXISTING POST AND ATTACHING EXISTING SIGN ONTO NEW POLE IS INCIDENTAL TO METAL POST TYPE A.

9. TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIPLINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

10. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.

11. TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURED.

12. EROSION CONTROL WORK ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATIONS NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.

13. THE LANDSCAPING AND EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.

STANDARD NO.	HIGHWAY STANDARDS
000001-05	STANDARD SYMBOLS AND ABBREVIATIONS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMP FOR SIDEWALKS
602011-01	CATCH BASIN, TYPE C
604001-03	FRAME AND LID, TYPE I
604036-02	GRATE, TYPE 8
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)

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**SUMMARY OF QUANTITIES**

NO.	ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	46
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	208
20101100	TREE TRUNK PROTECTION	EACH	10
20101200	TREE ROOT PRUNING	EACH	5
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	87
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	87
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	87
20101700	SUPPLEMENTAL WATERING	UNIT	70
20200100	EARTH EXCAVATION	CU YD	906
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1033
20800150	TRENCH BACKFILL	CU YD	75
21101815	TOP SOIL FURNISH AND PLACE, 4"	SO YD	7019
21400100	GRADING AND SHAPING DITCHES	FOOT	273
25200100	SODDING	SO YD	7019
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SO YD	6520
42001300	PROTECTIVE COAT	SO YD	326
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY, 6 INCH	SO YD	47621
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SO FT	11056.1
42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	SO FT	350
42400800	DETECTABLE WARNINGS	SO FT	3274
44000200	DRIVEWAY PAVEMENT REMOVAL	SO FT	4935
44000600	SIDEWALK REMOVAL	SO FT	472
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	21
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SO YD	42
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SO YD	33
50105225	PIPE CULVERT REMOVAL (SPECIAL)	FOOT	40
54200211	PIPE CULVERTS, CLASS C, TYPE 1, 6"	FOOT	20
54200213	PIPE CULVERTS, CLASS C, TYPE 1, 8"	FOOT	308
54200217	PIPE CULVERTS, CLASS C, TYPE 1, 12"	FOOT	6
X0374272	STEEL END SECTIONS 6"	EACH	4
X33072223	STEEL END SECTIONS 8"	EACH	40
54213867	STEEL END SECTIONS 12"	EACH	5
56109210	WATER VALVES TO BE ADJUSTED	EACH	5
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	6
60236200	INLETS, TYPE A, TYPE B GRATE	EACH	10
60255500	MANHOLES TO BE ADJUSTED	EACH	2
60260100	INLETS TO BE ADJUSTED	EACH	1
60406100	FRAMES AND LID, TYPE 1, CLOSED LID	EACH	1
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL & PROTECTION - STANDARD 701501	L SUM	1
70102640	TRAFFIC CONTROL & PROTECTION - STANDARD 701801	L SUM	1
72900100	METAL POST - TYPE A	FOOT	98
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	836
A2001220	TREE, ACER RUBRUM RED SUNSET (RED SUNSET RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8
X0006420	TREE, QUERCUS ALBA (WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8
XX000613	MODULAR BLOCK RETAINING WALL	SO FT	332
XX006806	HOT-MIX ASPHALT DRIVEWAY PAVEMENT	SO YD	2559
40201080	AGGREGATE FOR TEMPORARY ACCESS	TON	20
XX006215	BRICK PAVEMENT REMOVAL AND REPLACEMENT	SO YD	19

**SPECIALTY ITEMS**

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**CITY OF OAK FOREST, ILLINOIS  
METRA STATION SIDEWALKS**

**GENERAL NOTES, SUMMARY OF QUANTITIES,  
INDEX OF SHEETS AND HIGHWAY STANDARDS**

SCALE:	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				07-00087-00-SW	COOK	48	2
						CONTRACT NO. 63104	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							