

GENERAL NOTES:

1. ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JANUARY 1, 2007 OR LATER.
2. BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
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. ALL UTILITIES THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF UNMARKED UTILITIES ARE DISCOVERED AND IF UTILITIES ARE DAMAGED DURING CONSTRUCTION.
5. THE THICKNESSES OF HMA MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASIS ON WHICH THEY ARE TO BE PLACED. PLAN THICKNESSES SHOULD BE CONSIDERED THE MINIMUM THICKNESSES PERMITTED.
6. QUANTITIES FOR MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS AND STRIP REFLECTIVE CRACK CONTROL TREATMENT HAVE BEEN PROVIDED. AFTER THE HMA SURFACE REMOVAL OPERATIONS ARE COMPLETE ALL OPEN CRACKS AND OPEN EXPANSION JOINTS HAVING A WIDTH OF 1/2 IN. OR MORE SHALL BE CLEANED AND FILLED AND STRIP REFLECTIVE CRACK CONTROL WILL BE APPLIED ACCORDING TO ARTICLE 406 AND 443, RESPECTIVELY. THE ACTUAL NEED FOR THESE ITEMS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. IF CRACK FILLING IS NOT REQUIRED THE QUANTITIES WILL BE DEDUCTED PER THE TERMS OF ARTICLE 104.02.
7. QUANTITIES FOR PAVEMENT PATCHING (CLASS D PATCHES AND PAVEMENT PATCHING (PARTIAL DEPTH)) HAVE BEEN PROVIDED IN THE CONTRACT BASED ON FIELD OBSERVATIONS OF EXISTING CONDITIONS. LOCATIONS SHOWN IN THE PLANS MAY DIFFER AND WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF PAVEMENT PATCHING IS NOT REQUIRED THE QUANTITY WILL BE DEDUCTED PER THE TERMS OF ARTICLE 104.02.
8. AT LOCATIONS WHERE THERE IS CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO SIDEWALK, THE NEW CURB SHALL BE DEPRESSED AND THE NEW SIDEWALK RAMPED TO PROVIDE ACCESSIBILITY. THIS WORK SHALL BE DONE IN ACCORDANCE WITH IDOT STANDARD 424001.
9. THE CONTRACTOR SHALL SET AND CHECK ALL CURB FORMS AND STRING LINES PRIOR TO PLACING CONCRETE TO ENSURE POSITIVE DRAINAGE ALONG THE ROADWAY. IMPROPERLY DRAINING CURB SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
10. QUANTITIES FOR SIDEWALK REMOVAL, PCC SIDEWALK 5 INCH, SPECIAL, DETECTABLE WARNINGS, AND COMBINATION CONCRETE CURB AND GUTTER, OF THE TYPE SPECIFIED, (SPECIAL) HAVE BEEN PROVIDED. THE ACTUAL NEED FOR REPLACEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF CONSTRUCTION IS NOT REQUIRED, THE QUANTITIES WILL BE DEDUCTED PER THE TERMS OF ARTICLE 104.02.
11. QUANTITIES FOR DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED HAVE BEEN PROVIDED. LOCATIONS WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL ADJUSTMENTS SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS. IF ADJUSTMENTS ARE NOT REQUIRED, THE QUANTITY WILL BE DEDUCTED PER THE TERMS OF ARTICLE 104.02. THE FRAMES AND LIDS OF PRIVATE UTILITY STRUCTURES SHALL BE ADJUSTED BY THEIR RESPECTIVE OWNERS.
12. ALL SANITARY MANHOLES TO BE ADJUSTED SHALL BE WATERPROOFED IN ACCORDANCE WITH THE SPECIAL PROVISION FOR SANITARY MANHOLES TO BE ADJUSTED, SPECIAL.
13. PRIOR TO HMA SURFACE REMOVAL, ALL OPEN DRAINAGE UTILITY STRUCTURES SHALL BE PROTECTED WITH FILTER FABRIC TO PREVENT ROADWAY DEBRIS FROM ENTERING UNDERGROUND UTILITIES. THIS WORK SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL 2". IF THE ENGINEER FINDS EVIDENCE OF CONSTRUCTION DEBRIS IN THE UTILITY STRUCTURES AFTER THE HMA SURFACE REMOVAL AND / OR AFTER THE BINDER COURSE AND SURFACE COURSE ARE COMPLETED, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REMOVING DEBRIS.
14. THERE ARE MANHOLES AND VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHOULD BE TAKEN DURING MILLING OPERATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT ALL EXISTING MANHOLE LIDS, TOGETHER WITH THE ENGINEER, PRIOR TO STARTING CONSTRUCTION AND A RECORD KEPT OF THEIR CONDITION. ALL DEBRIS WHICH ACCUMULATES ON THE LIDS AND IN THE MANHOLE PICK HOLES DURING THE TIME THE CONTRACT IS IN FORCE, SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT HIS OWN EXPENSE.
15. PAVEMENT PATCHING SHALL BE SCHEDULED IMMEDIATELY FOLLOWING HMA SURFACE REMOVAL TO REDUCE DEGRADATION OF THE EXISTING BASE.
16. THE MAXIMUM ALLOWABLE VERTICAL PAVEMENT LANE DROP DIFFERENTIAL WILL BE 1-1/2".
17. THE CONTRACTOR SHALL PLACE FINAL THERMOPLASTIC PAVEMENT MARKINGS A MAXIMUM OF THREE (3) DAYS AFTER PLACEMENT OF THE FINAL HMA SURFACE COURSE.
18. THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION, AND SHALL PREVENT STORMWATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.
19. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE BUTT JOINT AND HMA TAPER DETAILS SHEET INCLUDED IN THE PLANS (BD-32).
20. ALL PAVEMENTS, CURB AND GUTTER, SIDEWALKS, AND DRIVEWAYS TO BE REMOVED SHALL BE SAW CUT PRIOR TO REMOVAL TO PREVENT DAMAGE TO THE ITEMS TO REMAIN. THE COST OF SAW CUTTING SHALL BE INCLUDED IN THE COST OF THE ITEMS BEING CONSTRUCTED.
21. PARKWAY RESTORATION SHALL INCLUDE REPLACEMENT OF DAMAGED AND DESTROYED LANDSCAPE, IN KIND, OF THE EXISTING TURF ADJACENT TO THE WORKING LIMITS AND WHERE THE CONTRACTOR'S EQUIPMENT HAS DESTROYED OR DAMAGED THE TURF. THE CONTRACTOR SHALL PREPARE THE GROUND ACCORDING TO SECTION 211 OF THE STANDARD SPECIFICATIONS. SALT TOLERANT SEED AND FERTILIZER SHALL BE PLACED ACCORDING TO SECTION 250 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR ITEMS BEING CONSTRUCTED SUCH AS COMBINATION CONCRETE CURB AND GUTTER, OF THE TYPE SPECIFIED, (SPECIAL) AND PCC SIDEWALK 5 INCH, SPECIAL.
22. ALL STREETS AND COMMERCIAL PARKING LOT ENTRANCES SHALL REMAIN OPEN DURING CONSTRUCTION. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT STANDARDS 701011, 701301, 701311, 701501, 701801, AND 701901.

23. WORK SHALL BE CAREFULLY PLANNED BY THE CONTRACTOR TO REDUCE DISRUPTION TO RESIDENTS, BUSINESSES, AND THE PUBLIC SEEKING TO ACCESS THE BUSINESSES. AT LEAST ONE LANE OF TRAFFIC MUST REMAIN OPEN AT ALL TIMES.
24. DURING AND AFTER CONSTRUCTION OPERATIONS, LOOSE MATERIAL ON ROADWAYS AS A RESULT OF CONTRACTOR OPERATIONS, INCLUDING BUT NOT LIMITED TO HMA SURFACE REMOVAL, BINDER COURSE AND SURFACE COURSE INSTALLATION, SHALL BE REMOVED AND DEPOSITED OFF SITE BY THE CLOSE OF EACH BUSINESS DAY. THIS WORK WILL NOT BE PAID FOR SEPARATELY PER THE TERMS OF ARTICLE 107.15. THIS APPLIES TO EXCESSIVE PRIMER LEFT ON ROADWAYS.
25. ALL FRAMES TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT, OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, VALVE VAULT, OR METER VAULT SHALL HAVE CAST INTO THE LID "CITY OF WEST CHICAGO" AND BEAR THE THE WORD "STORM", "SANITARY", OR "WATER" DEPENDING ON THE TYPE SPECIFIED.
26. THE CONTRACTOR SHALL PLACE "NO PASSING ZONES NOT STRIPED NEXT _ MILES" SIGNS AT THE BEGINNING OF UNSTRIPED AREAS, JUST BEYOND EACH MAJOR INTERSECTION WITHIN THE UPSTRIPED AREA, AND AT OTHER LOCATIONS AS DIRECTED BY THE ENGINEER. THE SIGNS SHALL BE PLACED JUST PRIOR TO REMOVAL OR COVERING OF THE STRIPING AND SHALL REMAIN IN PLACE UNTIL FULL NO PASSING ZONE STRIPING HAS BEEN RESTORED. THESE SIGNS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR MOBILIZATION.
27. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
28. ALL CATCH BASIN OR INLET FRAMES TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT, OR RECONSTRUCTION SHALL BE NEENAH R-3281-AL OR EJIW 7210, OR APPROVED EQUAL, WITH VANE GRATE ON FLOW THROUGH STRUCTURES. NEENAH TYPE C OR EJIW TYPE M1 GRATE, OR APPROVED EQUAL, TO BE USED AT ALL OTHER LOCATIONS. EJIW TYPE M3 GRATE, OR APPROVED EQUAL, TO BE USED AT ALL DRIVEWAY LOCATIONS. ANY FRAME CONSIDERED AS APPROVED EQUAL SHALL INCLUDE A BOTTOM FLANGE AT THE FRONT FACE OF THE FRAME.
29. THE CONTRACTOR SHALL FURNISH, AT THEIR EXPENSE, WHITE, PINK, OR PURPLE PAVEMENT MARKING PAINT IN AEROSOL CANS, FOR USE BY THE ENGINEER. THE CONTRACTOR AND SUBCONTRACTORS SHALL ONLY USE THESE SAME COLORS FOR THEIR OWN MARKINGS, THEREFORE, NOT USING J.U.L.I.E. UTILITY COLORS.
30. DETECTABLE WARNINGS SHALL CONSIST OF A SURFACE OF TRUNCATED DOMES MEETING THE REQUIREMENTS OF THE ACCESSIBILITY GUIDELINES (ADAAG) AND SHALL BE E-Z-SET POLYMER DETECTABLE WARNING PANELS OR APPROVED EQUAL. THE COLOR OF THE DETECTABLE WARNINGS SHALL BE FEDERAL STANDARD COLOR 30166 IN ORDER TO MEET ADAAG REQUIREMENTS. THE CONTRACTOR SHALL RECEIVE CITY OF WEST CHICAGO APPROVAL OF MATERIALS AND COLOR PRIOR TO INSTALLING THE DETECTABLE WARNINGS.

DENOTES ITEM(S) OR WORK NOT PAID FOR SEPARATELY

SUMMARY OF QUANTITIES

SPEC. ITEM	PAY CODE	DESCRIPTION	UNIT	TOTAL QUANTITY 1000
	35100100	AGGREGATE BASE COURSE, TYPE A	TON	5
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1715
	40600300	AGGREGATE (PRIME COAT)	TON	34
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	9
	40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	720
	40600895	CONSTRUCTING TEST STRIP	EACH	2
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	165
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1440
	42400430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	1700
	42400800	DETECTABLE WARNINGS	SQ FT	100
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	17148
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	300
	44000600	SIDEWALK REMOVAL	SQ FT	1700
	44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	50
	44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	100
	44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	65
	44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	450
	44212900	PAVEMENT PATCHING (PARTIAL DEPTH)	SQ YD	50
	44300300	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	17148
	44301200	STRIP REFLECTIVE CRACK CONTROL TREATMENT SYSTEM B, 24 INCH	FOOT	500
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	53
	60251500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	1
	60257700	MANHOLE ADJUSTING RING	EACH	2
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2
	60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	12
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	2
	60604200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	300
	67100100	MOBILIZATION	L SUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1540
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	9118
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1540
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	63
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9118
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	765
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	164
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	194
	X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	8

* = SPECIALTY ITEM

FILE NAME = 02_Gen Notes_Sum of Qty_Arbor LAPP	DESIGNED - DMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARBOR AVENUE - WASHINGTON STREET TO HAWTHORNE LANE		F.A.U. RTE. 2534	SECTION 09-0077-00-RS	COUNTY	TOTAL SHEETS 13	SHEET NO. 2
PLOT DATE = 4/9/10	DRAWN - DMM	REVISED -		GENERAL NOTES AND SUMMARY OF QUANTITIES				DUPAGE	CONTRACT NO. 63345	
	CHECKED - KCV	REVISED -		SCALE: NTS			FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(406)	
	DATE - 03/12/10	REVISED -								

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