

SUMMARY OF QUANTITIES					PAVEMENT		
S.I.	CODE NO.	PAY ITEM	UNIT	QUAN	CONSTRUCTION TYPE CODE		
					SPY-1B		
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	18	18		
	20101100	TREE TRUNK PROTECTION	EACH	2	2		
	20101200	TREE ROOT PRUNING	EACH	2	2		
	20101700	SUPPLEMENTAL WATERING	UNIT	1	1		
	20200100	EARTH EXCAVATION	CU YD	550	550		
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	20	20		
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	20	20		
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	20	20		
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1520	1520		
	21400100	GRADING AND SHAPING DITCHES	FOOT	15	15		
	25200110	SODDING, SALT TOLERANT	SQ YD	1520	1520		
	28000400	PERIMETER EROSION BARRIER	FOOT	2250	2250		
	31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1182	1182		
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	49	49		
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	6	6		
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	10244	10244		
	42400400	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	390	390		
	42400800	DETECTABLE WARNINGS	SQ FT	88	88		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	75	75		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	121	121		
	44000600	SIDEWALK REMOVAL	SQ FT	75	75		
	44201749	CLASS D PATCHES, TYPE 1, 9 INCH	SQ YD	16	16		
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	5	5		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	12	12		
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	125	125		
	67100100	MOBILIZATION	L SUM	1	1		
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
	70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	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		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	744	744		
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	55	55		
	XX001621	BRICK PAVER REMOVAL	SQ FT	13	13		
	XX007761	BUFFALO BOX ADJUSTMENT, SPECIAL	EACH	1	1		
	X7240505	RELOCATE SIGN PANEL AND POST	EACH	6	6		

* - INDICATES SPECIALTY ITEMS

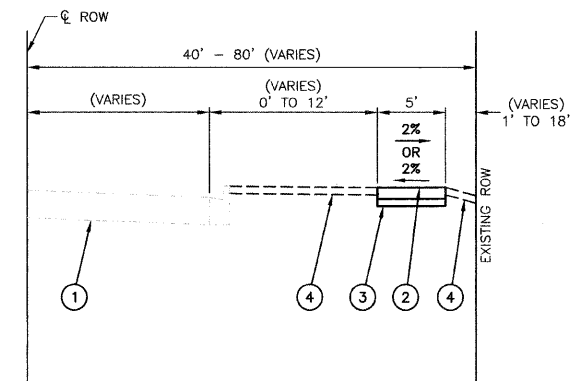
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
PAVEMENT PATCHING	
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 Gyr.
DRIVEWAYS	
HOT MIX ASPHALT SURFACE COURSE, MIX "C", N50(IL-9.5mm); 2"	4% @ 50 Gyr.
HOT MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0mm); 6"	4% @ 50 Gyr.

NOTE:
 THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
 THE "AC-TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC-TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

GENERAL NOTES

- ROBINSON ENGINEERING SHALL BE NOTIFIED TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION. CALL (708) 331-6700.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE 1 AND TYPE 2 BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE INSTALLED ON EACH BOTTOM RAIL.
- THE REMOVAL OF ANY DRIVEWAYS, PAVEMENT, CURB, ETC. SHALL BE ACCOMPLISHED BY MEANS OF A SAW CUT JOINT, AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS REMOVAL ITEMS.
- WHEN, IN THE CONSTRUCTION OPERATION, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH DAY BY THE CONTRACTOR AT HIS EXPENSE. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, COMMUNICATIONS, AND GAS UTILITIES. (48 HOUR NOTIFICATION REQUIRED.)
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- AREAS DISTURBED BY CONSTRUCTION SHALL BE KEPT TO A MINIMUM. ALL AREAS DISTURBED WHICH WERE NOT SCHEDULED FOR REPAIR OR REPLACEMENT SHALL BE RESTORED AT THE CONTRACTORS EXPENSE.
- UTILITIES INDICATED ON THE PLANS ARE PROVIDED FOR THE CONTRACTORS USE AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF THE UTILITY INFORMATION.
- ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES NOT SPECIFICALLY CALLED OUT ON THE PLANS SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER.
- ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- THE APPROXIMATE LOCATION OF KNOWN PUBLIC UTILITIES ARE SHOWN ON THE PLANS. HOWEVER, THE DEPARTMENT DOES NOT GUARANTEE ITS ACCURACY. PRIOR TO COMMENCING OPERATIONS ON THE PROJECT WHICH MAY IN ANY WAY CREATE THE POSSIBILITY OF INVOLVEMENT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL CONTACT THE FIRM (OR COMMUNITY) INVOLVED. ADJUSTMENT OF ALL PUBLIC UTILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT WILL BE DONE BY THE RESPECTIVE OWNERS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCE CAUSED BY THESE ADJUSTMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATION BEFORE STARTING CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR TRAFFIC CONTROL AND PROTECTION IN ACCORDANCE WITH THE LATEST IDOT STANDARD SPECIFICATIONS ADOPTED, THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS THROUGHOUT THE CONSTRUCTION LIMITS AT ALL TIMES. IF DRIVEWAY ACCESS MUST BE RESTRICTED, THE CONTRACTOR SHALL NOTIFY THE RESIDENT/PROPERTY OWNER IN WRITING 24 HOURS IN ADVANCE.
- SIDEWALK SLOPES SHALL NOT EXCEED A 2% CROSS SLOPE, 5% LONGITUDINAL SLOPE.



PROPOSED TYPICAL CROSS SECTION

PROPOSED LEGEND

- ① EXISTING ROADWAY TO REMAIN
- ② PROPOSED P.C.C. SIDEWALK, 5"
- ③ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- ④ PROPOSED TOPSOIL, FURNISH AND PLACE, 4"
- ④ FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS, POTASSIUM) SODDING, SALT TOLERANT