

GENERAL NOTES

- THE THICKNESS OF HOT MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT MIX ASPHALT MIXTURE IS PLACED.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT	2.016 TONS/CU. YD.
ALL AGGREGATE	115 LB/SO YD/IN
BITUMINOUS MATERIALS:	
ON AGGREGATE SURFACE	0.05 LBS/SO. FT.
AGGREGATE (PRIME COAT)	0.25 LBS/SO. FT.
- FORMS FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 AND COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.
- ATTAINMENT OF PROPER CROWN OR SUPER ELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT MIX ASPHALT SURFACE REMOVAL OR HOT MIX ASPHALT BINDER COURSE OR LEVELING BINDER, WHEN SPECIFIED.
- AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- THE EXISTING HOT-MIX ASPHALT ON PRIVATE AND COMMERCIAL ENTRANCES SHALL BE BLADED OFF OR MILLED AND DISPOSED OF OUTSIDE OF THE PROJECT LIMITS. THIS COULD BE THE ENTIRE ENTRANCE OR TAPERED AT THE END DEPENDING ON IF THE MAINLINE IS RESURFACED OR MILLED AND RESURFACED. THE COST OF THE BLADING, MILLING, ROLLING AND DISPOSAL IS INCLUDED IN THE CONTRACT UNIT PRICE FOR BITUMINOUS SURFACE COURSE.
- ALL BORROW/WASTE/USE SITES MUST BE APPROVED BY THE DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTH MOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.
- THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 4 OR 2A SHALL BE USED, EXCEPT IN FRONT OF PROPERTIES WHERE THE GRASS WILL BE MOWED, THEN USE SEEDING CLASS 1A. CLASS 2A SHALL BE USED ON FRONT SLOPES AND DITCH BOTTOMS. CLASS 4 SHALL BE USED BEHIND TYPE A GUTTER, ON ALL BACK SLOPES AND AREAS BEHIND THE BACK SLOPE, AND BEYOND THE TOE OF THE FRONT SLOPE ON FILL SECTIONS WITHOUT DITCHES. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE TOTAL BID PRICE OF THE CONTRACT.
- FERTILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SEEDING AND PLACEMENT OF SOD AT THE RATE SPECIFIED IN SECTIONS 250 AND 252 OF THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS. THE COST OF FERTILIZER SHALL BE CONSIDERED INCIDENTAL TO THE TOTAL BID PRICE OF THE CONTRACT.
- MULCH METHOD II SHALL BE APPLIED OVER ALL SEEDED AREAS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE TOTAL BID PRICE OF THE CONTRACT.

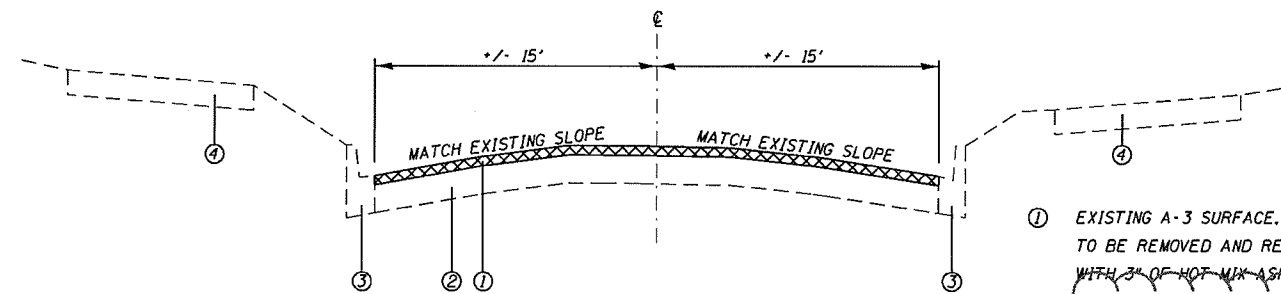
- MILLING MACHINES ON THIS PROJECT SHALL BE CAPABLE OF REMOVING A LAYER OF BITUMINOUS A MINIMUM OF 6' WIDE AND 1-1/2 INCHES IN DEPTH IN A SINGLE PASS.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATIONS	HOT-MIX ASPHALT SURFACE COURSE	HOT-MIX ASPHALT LEVELING BINDER
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	HOT-MIX ASPHALT LEVELING BINDER, N70 FINE GRADED
AG/PG:	PG64-22	PG64-22
ABR% (MAX):	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS:	4.0%, 7- GYRATION DESIGN	4.0%, 70 GYRATION DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-9.5MM	IL-9.5MM FINE GRADED
FRICITION AGGREGATE:	D SURFACE C SURFACE	NONE
MIXTURE WEIGHT:	112 LBS/SO YD/IN	112 LBS/SO YD/IN
QUALITY MANAGEMENT PROGRAM:	OQOA	OQOA

- THE CONTRACTOR SHALL PLACE TEMPORARY HOT-MIX ASPHALT TAPERS ALONG ALL SIDES OF THE UTILITY STRUCTURES PROTRUDING ABOVE THE MILLED SURFACE. THE TEMPORARY TAPERS SHALL EXTEND 2' OUTSIDE OF THE CASTINGS, EXCEPT FOR THE APPROACH SIDED TO TRAFFIC SHALL HAVE A 4' TAPER LENGTH, HOT-MIX ASPHALT MEETING THE APPROVAL OF THE ENGINEER SHALL BE USED, NO COLD MILLINGS WILL BE ALLOWED. THE COST OF THE MATERIAL, PLACEMENT, MAINTENANCE, REMOVAL AND DISPOSAL OF SAID WORK WILL BE INCLUDED IN THE PAY ITEM FOR HOT-MIX ASPHALT SURFACE REMOVAL.
- THE AREA TO BE PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAYS PRODUCTIVITY, BUT NO MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER.
- ALL DISABLED RAMPS MUST HAVE BARRIER CURBS ON THE SIDES OF THE RAMPS AS SHOWN ON HIGHWAY STANDARD 424001. THE BARRIER CURBS SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL OF SIDE CURB ON HIGHWAY STANDARD 424001.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.

UTILITY	CONTACT	PHONE
CLEARWAVE COMMUNICATIONS	ROTH CLAYTON	N/A
NEW WAVE COMMUNICATIONS	ROBERT EVRLEY	217-823-4039
FRONTIER COMMUNICATIONS	KALIN HINSHAW	815-895-1515
AMEREN-IP (SOUTH)	NATHAN HILL	618-301-5327
CITY OF PINCKNEYVILLE	MIKE MILLIKIN	618-357-5214

- THE APPLICABLE PORTIONS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS SHALL APPLY EXCEPT FOR THE FOLLOWING: THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE ALL THE VERTICAL DEPTHS OF THE UNDERGROUND UTILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THIS WORK WILL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR THE ITEMS OF CONSTRUCTION INVOLVED.
- THE CONTRACTOR SHALL REMOVE AND RECONSTRUCT THE EXISTING BLOCK RETAINING WALL AT THE NORTHWEST QUADRANT OF SOUTH WALNUT ST. & WEST SOUTH ST. AS A RESULT OF CURB RAMP IMPROVEMENTS. THE CONTRACTOR SHALL UTILIZE EXISTING MATERIAL, AND SUPPLEMENT SIMILAR MATERIAL AS NECESSARY PER OWNERS APPROVAL. THE COST OF SAID WORK WILL BE INCLUDED IN THE PAY ITEM FOR SIDEWALK REMOVAL & PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH.
- DURING THE CURB & GUTTER REMOVAL, EXISTING INLET STRUCTURES AND FRAME & GRATES SHALL BE PRESERVED IN ORDER TO BE RE-SET IN CONJUNCTION WITH THE NEW COMBINATION CURB AND GUTTER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO COMBINATION CURB AND GUTTER REMOVAL AS WELL AS COMBINATION CURB AND GUTTER TYPE B-6.12.



TYPICAL SECTION
SOUTH WALNUT STREET
W. KASKASKIA ST. TO W. RANDOLPH ST.

- EXISTING A-3 SURFACE, APPROX. 3" TO BE REMOVED AND REPLACED WITH 3" OF HOT MIX ASPHALT.
1-1/2" HMA SURFACE COURSE, IL-9.5, MIX "D", N70
1-1/2" HMA BINDER COURSE, IL-9.5, N70
1-1/2" HMA SURFACE COURSE, IL-9.5, MIX "C", N70
- EXISTING CRUSHED STONE BASE
- EXISTING CURB & GUTTER
- EXISTING SIDEWALK

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				ROADWAY 0001
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	73	73
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5741	5741
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1148	1148
40600990	TEMPORARY RAMP	SQ YD	170	170
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	148	148
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70			
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	296	296
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1563.9	1564
42400800	DETECTABLE WARNINGS	SQ FT	121	121
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	2641	2641
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	218.8	219
44000600	SIDEWALK REMOVAL	SQ FT	1445.9	1446
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	7	7
60300350	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	218.6	219
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	350	350
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	46	46

△ SPECIALTY ITEMS

FILE NAME = D:\XXXXX-shs-500.dgn	DESIGNED - M. O'BRIEN	REVISED - <u>5/20/20</u>	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	DRAWN - M. O'BRIEN	REVISED -							9956	19-00033-00-RS	PERRY	16	3
USER NAME = mobrien	CHECKED - T.J. KEYS	REVISED -	SCALE: N.T.S.		SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT 4SEF501			
PLOT SCALE = 40,0000 1/4" in.	DATE - 2-10-2020	REVISED -	CONTRACT NO. 99647										
PLOT DATE = 3/9/2020													