

ALL CONSTRUCTION IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007, THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", AND THE "MANUAL OF TEST PROCEDURES OF MATERIALS" IN EFFECT ON THE DATE OF INVITATION OF BIDS.

GENERAL NOTES:

1. UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THESE PLANS. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTORS EXPENSE TO THE SATISFACTION OF THE ENGINEER OR CITY.
2. THE CONTRACTOR SHALL NOTIFY CITY ENGINEER AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN CITY UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY DRIVEWAYS OR AREA IN THE PARKWAY THAT IS DISTURBED BY CONSTRUCTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT RATHER SHALL BE INCLUDED IN THE COST OF THE ITEMS FOR WHICH IT APPLIES.
4. MATERIALS RESULTING FROM THE REMOVAL OF PAVEMENT, DRIVEWAYS, CURB AND GUTTER, HOT MIX ASPHALT SURFACES, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE.
5. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE CITY IN ADVANCE WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE CITY TO RESIDENTS WITH WORK INCLUDED IN THE COST OF THE CONTRACT. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
6. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AND INCLUDED IN THE PAY ITEM FOR COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT.
7. EXISTING PAVEMENT, CURB AND GUTTER, AND SIDEWALK TO REMAIN IN PLACE SHALL BE SAW CUT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND EXISTING AND SHALL BE INCLUDED IN THE PRICE OF THE APPROPRIATE REMOVAL PAY ITEM.
8. IN AREAS WHERE THE EXISTING CURB AND GUTTER IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED CURB AND GUTTER SUBGRADE ELEVATION SHALL BE INCLUDED IN THE PAY ITEMS COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.
9. ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.
10. THE CURB SHALL BE TAPERED TO THE GUTTER IN A FIFTY (50) FOOT LENGTH WHENEVER THE CURB AND GUTTER TERMINATES, WITH AN EXPANSION JOINT PLACED AT THE START OF THE TAPER.
11. CURB AND GUTTER SHALL BE DEPRESSED AT DRIVEWAYS AND SIDEWALK WITH RAMPS IN ACCORDANCE WITH THE IDOT HIGHWAYS STANDARDS.
12. THE FINISHED HOT MIX ASPHALT SURFACE SHALL BE CONSTRUCTED 0.25 INCH ABOVE THE GUTTER FLAG.
13. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.
14. THE PRIME COAT APPLICATION RATE SHALL BE 0.1 GAL/SY.
15. FOR STEEL BAR CERTIFICATION, PLEASE CONTACT IDOT BUREAU OF MATERIALS AT (847) 705-4361.
16. DURING CONSTRUCTION STAGING OPERATIONS, THE CITY POLICE, CITY FIRE DEPARTMENT, AND SOUTHEAST EMERGENCY COMMUNICATIONS CENTER SHALL BE NOTIFIED IN WRITING 48-HOURS PRIOR TO STREET CLOSURES. EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
17. THE QUANTITIES FOR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT AND PATCHING WILL NOT EXCEED THE AMOUNT LISTED IN THE SUMMARY OF QUANTITIES.
18. THE LOCATIONS OF THE CLASS D PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
19. CURB AND GUTTER LOCATIONS TO BE REMOVED AND REPLACED WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
20. THE CONTRACTOR SHALL NOTIFY IDOT BUREAU OF MATERIALS (847) 705-4337 AT LEAST 24 HOURS PRIOR TO THE PLACEMENT OF HMA OR CONCRETE.
21. THE EXACT THERMOPLASTIC PAVEMENT MARKING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. ALL THERMOPLASTIC PAVEMENT MARKINGS MUST FOLLOW THE IDOT DETAIL AND HIGHWAY STANDARDS. THE THERMOPLASTIC PAVEMENT MARKINGS WILL BE REPLACED IN KIND.

SUMMARY OF QUANTITIES

Code No.	Items	Unit	Location 1	Location 2	Location 3	Location 4	Total Quantity
40600200	Bituminous Materials (prime coat)	TON	18.9	8.3	10.4	1.1	38.7
40600300	Aggregate (prime coat)	TON	67	29.3	37	3.9	137.2
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	1	0	3
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1798	305	1342	0	3445
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	2028	0	728	218	2974
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	0	1336	0	0	1336
44000157	Hot-Mix Asphalt Surface Removal 2"	SQ YD	44609	18357	24450	2542	89958
44001700	Combination Curb & Gutter Removal and Replacement	FOOT	240	70	300	0	610
44201747	Class D Patches, Type IV, 8"	SQ YD	500	200	50	50	800
44301200	Strip Reflective Crack Control Treatment, System B,24"	FOOT	1400	0	6240	440	8080
60255500	Manholes to be adjusted	EACH	80	78	31	8	197
67100100	Mobilization	L SUM	0.25	0.25	0.25	0.25	1
70101700	Traffic Control and Protection	L SUM	0.25	0.25	0.25	0.25	1
70300100	Short-Term Pavement Marking	FOOT	5000	5000	1500	60	11560
70301000	Work Zone Pavement Marking Removal	SQ FT	1600	1600	500	20	3720
78000100	Thermoplastic Pavement Marking- Letters and Symbols	SQ FT	197	300	0	0	497
78000200	Thermoplastic Pavement Marking-Line 4"	FOOT	10602	9262	1460	240	21564
78000400	Thermoplastic Pavement Marking-Line 6"	FOOT	1890	1558	852	0	4300
78000600	Thermoplastic Pavement Marking-Line 12"	FOOT	500	687	203	0	1390
78000650	Thermoplastic Pavement Marking-Line 24"	FOOT	380	294	245	0	919
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1913	820	1035	109	3877

SPECIAL ITEMS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

RESURFACING	MIXTURE TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50	PG 64-22		4% @ 50 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50	PG 64-22		4% @ 50 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70	PG 64-22		4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22		4% @ 50 GYR
PATCHING	MIXTURE TYPE	AC TYPE	AIR VOIDS
CLASS D PATCHES (HMA BINDER IL-19mm)	*PG 64-22		4% @ 70 GYR

NOTE:

1. *WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22
2. THE UNIT WEIGHT USED TO CALCULATE ALL HOT MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN

DESIGNED SCC	REVISED 2-25-2009	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	City of Crystal Lake, Illinois STP (LAPP) IMPROVEMENTS	GENERAL NOTES, SUMMARY OF QUANTITIES, MIXTURE REQUIREMENTS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN JAM	REVISED					08-00110-00-RS	MCHENRY	43	2
PLOT SCALE = 60' (plot to 11x17)	CHECKED EDM				CONTRACT NO. 63139				
PLOT DATE = 11-26-08	DATE 11-26-2008				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				