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GENERAL NOTES:

1. ALL UNDERGROUND UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. 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 UTILITY OWNER.
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 NOTIFY THE CITY AND ENGINEER 72 HOURS IN ADVANCE WHEN DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER WORK. THE ENGINEER SHALL DISTRIBUTE NOTICES TO THE AFFECTED RESIDENTS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO ACCOMMODATE ACCESS TO THESE PROPERTY OWNERS INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE TO BE CLOSED.
4. 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.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY DRIVEWAYS OR AREA IN THE PARKWAY THAT IS DISTURBED BY CONSTRUCTION THAT DOES NOT INDICATE RESTORATION IN THE PLANS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ITEMS FOR WHICH IT APPLIES.
6. 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.
7. 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 RAP. THIS WORK SHALL BE INCLUDED IN THE PAY ITEM FOR COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT.
8. 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.
9. 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 ITEM COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.
10. THE CURB SHALL BE TAPERED TO THE GUTTER IN A SIX (6) FOOT LENGTH WHENEVER THE CURB AND GUTTER TERMINATES.
11. THE CURB AND GUTTER WILL BE DEPRESSED AT ALL CROSSINGS ALONG THE SHARED-USE PATH.
12. 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.
13. THE PRIME COAT APPLICATION RATE SHALL BE 0.05 GAL/SY.
14. FOR STEEL BAR CERTIFICATION, PLEASE CONTACT IDOT BUREAU OF MATERIALS AT (847) 705-4361.
15. THE LOCATIONS OF THE CLASS D PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD, OTHER THAN THOSE SHOWN IN THE PLANS.
16. CURB AND GUTTER LOCATIONS TO BE REMOVED AND REPLACED WILL BE DETERMINED IN THE FIELD BY THE ENGINEER, OTHER THAN THOSE SHOWN IN THE PLANS.
17. THE CONTRACTOR SHALL NOTIFY IDOT BUREAU OF MATERIALS (847) 705-4337 AT LEAST 24 HOURS PRIOR TO THE PLACEMENT OF HMA OR CONCRETE.
18. ALL THERMOPLASTIC PAVEMENT MARKINGS MUST FOLLOW THE IDOT DETAIL AND HIGHWAY STANDARDS. THE EXACT THERMOPLASTIC PAVEMENT MARKING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

COMMITMENTS:

1. UPON REOPENING OF ST. ANDREWS LANE, NASH ROAD WILL THEN BE CLOSED FOR NO MORE THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS TO COMPLETE THE STORM SEWER IMPROVEMENT AND THE CLASS D PATCH.
2. NO CLOSURES SHALL BE ALLOWED ON JULY 1, 2013 TO JULY 7, 2013. NO LANE CLOSURES WILL BE ALLOWED ALONG MCHENRY AVENUE ON JULY 4, 2013 TO JULY 7, 2013. SAFE ACCESS FOR THE RESIDENTS SHALL BE MAINTAINED AT ALL TIMES.

DRAINAGE NOTES:

1. DURING THE CONSTRUCTION OPERATION WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS, OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. 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 CONSIDERED INCLUDED IN THE CONTRACT.
2. PROPER DRAINAGE SHALL BE MAINTAINED IN THE IMPROVEMENT AREA DURING CONSTRUCTION. THE COST OF THIS WORK SHALL BE CONSIDERED INCLUDED IN THE VARIOUS ITEMS OF THE CONTRACT.
3. OFFSETS TO DRAINAGE STRUCTURES NOT LOCATED ALONG THE EDGE OF PAVEMENT ARE FROM THE SURVEY BASELINE TO CENTER OF STRUCTURE.
4. EXPENSE INVOLVED IN CONNECTING PROPOSED SEWERS TO EXISTING SEWERS OR PROPOSED SEWERS TO EXISTING SEWER STRUCTURES OR PROPOSED SEWER STRUCTURES TO EXISTING SEWERS WITH A CONCRETE COLLAR OR AS SPECIFIED BY THE ENGINEER SHALL BE CONSIDERED INCLUDED IN THE PRICE OF THE ITEM BEING CONNECTED.
5. FRAME ELEVATIONS ARE GIVEN ONLY TO ASSIST IN DETERMINING THE APPROXIMATE OVERALL HEIGHT AT THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST.
6. ALL PIPE SLOPES ARE FROM INSIDE WALL OF STRUCTURE TO INSIDE WALL OF STRUCTURE. THE PIPE WILL NOT BE PAID FOR THROUGH STRUCTURES.
7. WHERE REQUIRED BY RESTRICTIVE DEPTHS, PRECAST REINFORCED CONCRETE FLAT SLAB TOPS SHALL BE USED FOR MANHOLES AND CATCH BASINS, WITH THE USE OF TONGUE AND GROOVE WHERE DEPTHS ALLOW.
8. THE CONTRACTOR SHALL MAINTAIN FLOWS THROUGH EXISTING SEWER SYSTEMS AT ALL TIMES. THE EXISTING STRUCTURES SHALL BE INSPECTED BEFORE CONSTRUCTION STARTS. AS DIRECTED BY THE ENGINEER, ANY ACCUMULATION OF MATERIAL IN THE STRUCTURE DUE TO CONSTRUCTION OPERATIONS SHALL BE REMOVED BY THE CONTRACTOR AT HIS EXPENSE. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR STRUCTURES. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. HE SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
10. THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY FOR DEWATERING TRENCH EXCAVATIONS AS WELL AS SHORING TRENCH WALLS DURING UTILITY OPERATIONS. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
11. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLES, CATCH BASIN, INLET, VALVE VAULT, OR METER VAULT SHALL HAVE CAST INTO THE LID "CITY OF CRYSTAL LAKE" AND ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM". ALL LIDS TO BE USED ON SANITARY SEWER STRUCTURES SHALL BEAR THE WORD "SANITARY". ALL LIDS TO BE USED ON WATER SYSTEM STRUCTURES SHALL BEAR THE WORD "WATER". ALL OPEN GRATES SHALL INCLUDE THE WORDING "DUMP NO WASTE, DRAINS TO WATERWAYS". THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE STRUCTURE BEING CONSTRUCTED, ADJUSTED OR RECONSTRUCTED. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
12. 65 NEW TYPE 1 FRAMES, CLOSED LIDS HAVE BEEN QUANTIFIED. STORM SEWER STRUCTURES (14), SANITARY STRUCTURES (28), AND WATER SYSTEM STRUCTURES (15).
13. ALL TYPE 1 FRAMES SHALL BE EAST JORDAN IRON WORKS 1050Z1, NEENAH R-1713 OR APPROVED EQUAL. ALL LIDS FOR TYPE 1 FRAMES SHALL BE EAST JORDAN IRON WORKS 1020A, NEENAH R-1773, OR APPROVED EQUAL. ALL TYPE 11 FRAMES SHALL BE EAST JORDAN IRON WORKS 7210Z2/TYPE M2 GRATE, NEENAH R3281-A, OR APPROVED EQUAL. ALL LIDS SHALL BE SELF- SEALING WITH A CONCEALED PICK HOLE, EPA COMPLIANT. ALL FRAMES AND LIDS MUST BE MANUFACTURED IN THE UNITED STATES.
14. THE LOCATIONS OF KNOWN WETLANDS ARE SHOWN IN THE PLANS. THE IMPACTS TO THE WETLANDS SHALL BE LIMITED TO THE CONSTRUCTION LIMITS SHOWN IN THE PLANS. TEMPORARY FENCE SHALL BE PROVIDED ALONG THE CONSTRUCTION LIMITS BY THE WETLANDS. AT NO TIME WILL EQUIPMENT OR MATERIAL STORAGE BE ALLOWED TO ENTER THE WETLANDS BEYOND THE CONSTRUCTION LIMITS SHOWN. THE CONTRACTOR IS TO PAY FOR ANY DISTURBANCE OUTSIDE OF THE CONSTRUCTION LIMITS SHOWN.

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ENGINEERING CONSULTANT
Glomba Group, Inc.
 CONSULTING ENGINEERS
 5507 North Cumberland Avenue, Suite 402
 Chicago, IL 60630
 Tel: 773.772.4000 Fax: 773.772.4014
 Email: chicago@glomba.com

USER NAME = aharn	DESIGNED - RJR	REVISED -
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PLOT DATE = 2/22/2013	CHECKED - MRJ	REVISED -
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

MCHENRY AVENUE			
INDEX OF SHEETS/GENERAL NOTES/STATE STANDARDS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
120	11-00115-00-RS	MCHENRY	62	2
CONTRACT NO. 63806				
ILLINOIS FED. AID PROJECT				