## **GENERAL NOTES**

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" REFERRED TO AS THE "STANDARD SPECIFICATIONS", THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
- THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY OR SPRINKLER SYSTEM THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER OR VILLAGE.
- THE CONTRACTOR SHALL NOTIFY THE DIRECTOR OF PUBLIC WORKS AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
- 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. IN THE JUDGMENT OF THE ENGINEER, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE ENGINEER WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR WILL BE BILLED (CHARGED) ACCORDINGLY.
- THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED WITH A VILLAGE OF CAPPENTERSVILE METER. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REOURED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE VILLAGE 48 HOURS IN ADVANCE WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORABILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ADE ADOUT TO DE CLOSED. DRIVEWAYS ARE ABOUT TO BE CLOSED.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNERS, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ACCESS TO COMMERCIAL DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES, ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL. THIS WORK WILL BE PAID FOR AS TEMPORARY ACCESS OF THE TYPE SPECIFIED.
- ANY SIGNS OR MAILBOXES THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH VILLAGE STANDARDS AND INCLUDED IN THE PAY ITEM FOR PAVEMENT REMOVAL. MAIL SERVICE SHALL BE MAINTAINED AT
- EXISTING PAVEMENT, DRIVEWAY 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
- IN AREAS WHERE THE EXISTING DRIVEWAY, SIDEWALK, OR CURB AND GUTTER IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED DRIVEWAY, SIDEWALK, OR CURB AND GUTTER SUBGRADE ELEVATION SHALL BE INCLUDED IN THE REMOVAL PAY ITEMS.
- 13. THE CURB SHALL BE TAPERED TO THE GUTTER IN A FIVE (5) FOOT LENGTH WHEREVER THE CURB AND GUTTER TERMINATES, WITH AN EXPANSION JOINT PLACED AT THE START OF THE TAPER.
- 14. CURB AND GUTTER SHALL BE DEPRESSED AT DRIVEWAYS AND SIDEWALK RAMPS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS. SIDEWALK RAMPS FOR ACCESS FOR THE DISABLED SHALL BE PROVIDED AT THE PROPOSED CROSSWALKS IN ACCORDANCE WITH THE IDOT HICHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
- 15. THE FINISHED HOT-MIX ASPHALT SURFACE SHALL BE CONSTRUCTED 0.25 INCH ABOVE THE GUTTER FLAG.
- 16. 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.
- PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 6-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES DRIVEWAYS. TRANSVERSE EXPANSION JOINTS 3/4" SHALL BE PLACED EVERY 50 FEET OR AS DETERMINED BY THE ENGINEER. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED EVERY 5-FEET.
- A 1/2-INCH THICK EXPANSION JOINT SHALL BE PROVIDED AT THE JUNCTION OF THE DRIVEWAY APRON AND CURB, AND AT THE JUNCTION OF THE DRIVEWAY APRON AND THE SIDEWALK. THIS WORK WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE
- DETECTABLE WARNINGS SHALL BE CONSTRUCTED WITH THE INSTALLATION OF A CAST-IN-PLACE "ARMOR-TILE" 24" NOMINAL PANEL WIDTH AS MANUFACTURED BY "ENGINEERED PLASTICS, INC." (BOO) 682-2525 OF WILLIAMSVILLE, NY OR AN APPROVED EQUAL. THE PANEL SHALL BE A POLYMER COMPOSITE AND COMPLY WITH ADD REQUIREMENTS. THE DOMES LOCATED ON THE PANEL SHALL PARALLEL THE PAVEMENT CROSS WALK WITH THE CLOSEST EDGE LOCATED AT THE BACK OF CURB. THE PANEL COLOR SHALL BE SELECTED BY THE VILLAGE, INSTALLATION SHALL OCCUR IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
- ALL POSTS, RATLROAD TIES, AND DECORATIVE TIMBER IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.

- 21. PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES, THE CONTRACTOR SHALL EXCAVATE AND LOCATE THE EXISTING UTILITIES TO VERIFY THEIR LOCATION, SIZE, AND DEPTH TO INSURE THAT GRADE CONFLICTS WILL NOT OCCUR. THE COST OF THIS EXPLORATION SHALL BE INCLUDED IN THE COST OF THE PROPOSED UTILITY CONSTRUCTION.
- 22. CONNECTION OF PROPOSED STORM SEWER INTO EXISTING STORM SEWER OR EXISTING STORM SEWER STRUCTURES SHALL BE INCLUDED IN THE COST OF STORM
- 23. CONNECTION OF EXISTING STORM SEWER INTO PROPOSED STORM SEWER STRUCTURES SHALL BE INCLUDED IN THE COST OF THE STORM SEWER STRUCTURE. ANY ADDITIONAL STORM SEWER PIPE REQUIRED TO MAKE THE CONNECTION SHALL BE OF THE SAME SIZE AND MATERIAL TYPE AS THE EXISTING STORM SEWER AND SHALL BE INCLUDED IN THE COST OF THE STORM SEWER STRUCTURE.
- 24. IF ANY STORM SEWER LATERALS ARE FOUND DURING CONSTRUCTION AND ARE NOT IDENTIFIED ON THE PLANS, THEY SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM AND INCLUDED IN THE COST OF THE STORM SEWER CONSTRUCTION.
- 25. STORM STRUCTURE OFFSET LOCATIONS ARE TO THE EDGE OF PAVEMENT IF THE STRUCTURE IS IN THE CURB LINE OR TO THE CENTER OF STRUCTURE IF THE STRUCTURE IS NOT IN THE CURBLINE.
- 26. ALL CLOSED LIDS SHALL BE STAMPED WITH THE WORDS "CARPENTERSVILLE" AND EITHER "STORM", "SANITARY", OR "WATER".
- 27. FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF COST OF THE STRUCTURE.
- 28. A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.
- 29. THE PRIME COAT APPLICATION RATE SHALL BE 0.1 GAL/SY. THE MC-30 PRIME COAT APPLICATION RATE SHALL BE 0.5 GAL/SY.
- 30. THE DAYS SURFACE COURSE PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.
- 31. HMA RECREATIONAL PATHS AND PCC SIDEWALKS TO BE REMOVED SHALL BE PAID FOR AS SIDEWALK REMOVAL.
- 32. FRAMES AND GRATES OR LIDS, FIRE HYDRANTS, AND WATER VALVES THAT ARE REMOVED AS PART OF ADJUSTMENTS OR REMOVALS SHALL BE DELIVERED TO THE VILLAGE PUBLIC WORKS FACILITY. THE CONTRACTOR SHALL SCHEDULE A DELIVERY DATE AND TIME WITH THE VILLAGE PRIOR TO DELIVERY. THIS WORK SHALL BE INCLUDED IN THE STRUCTURE ADJUSTMENT OR REMOVAL.
- 33. ALL AGGREGATE USED ON THE PROJECT SHALL BE CRUSHED MATERIAL.
- 34. ANY DAMAGE DONE TO WATER MAIN, WATER SERVICES, SANITARY SEWER, OR SANITARY SEWER SERVICES NOT CONSIDERED IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE.
- 35. MATERIALS, STRUCTURES, OR MACHINES SHALL NOT BE STORED WHERE THEY WILL OBSTRUCT STREET CROSSINGS OR DRIVEWAY SIGHTLINES.
- 36. REMOVAL AND REPLACEMENT OF CURB AND GUTTER AND DRIVEWAYS PROVIDING ACCESS FOR COMMERCIAL OR MULTIFAMILY DWELLINGS SHALL BE STAGED TO MAINTAIN CONTINUOUS ACCESS.
- EXISTING ARMOR TILE DETECTABLE WARNINGS SHALL BE CAREFULLY REMOVED FROM EXISTING SIDEWALK, CLEANED OF ALL CONCRETE, AND DELIVERED TO THE VILLAGE PUBLIC WORKS FACILITY. THE CONTRACTOR SHALL SCHEDULE DELIVERY DATE AND TIME WITH THE VILLAGE PRIOR TO DELIVERY. THIS WORK SHALL BE INCLUDED IN THE SIDEWALK REMOVAL.
- REMOVAL OF THE EXISTING BOX CULVERT SHALL INCLUDE ALL HEADWALLS AND WINGWALLS AND SHALL BE INCLUDED IN THE COST OF REMOVAL OF EXISTING STRUCTURES.
- PIPE UNDERDRAINS SHALE BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL ON THE PLANS AND SHALL INCLUDE EXCAVATION: CONNECTIONS TO EXISTING OR PROPOSED STORM PIPES, DRAINAGE STRUCTURES OR PIPE DRAINS; GEOTECHNICAL FABRIC SOCK; AND CA-11 TRENCH BACKFILL TO THE BOTTOM OF THE HOT-MIX ASPHALT BASE COURSE.
- 40. FOR PATCHES ON STREETS NOT BEING RESURFACED UNDER THIS CONTRACT, THE TOP 1 1/2"
  OF MIX SHALL BE HOT-MIX ASPHALT SURFACE COURSE, EXISTING PAVEMENT SHALL BE SAW
  CUT FULL DEPTH PRIOR TO REMOVAL. THIS WORK WILL NOT BE PAID FOR SEPARATELY,
  BUT SHALL BE INCLUDED IN THE COST OF CLASS D PATCHES.
- 41. A QUANTITY OF TREES AND SHRUBS HAVE BEEN INCLUDED IN THE PLANS. THE LOCATION OF THESE ITEMS SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTLICTION BY THE
- 42. THE LAYOUT AND COLOR OF ALL NON-STANDARD SIGN PANELS SHALL MATCH THE EXISTING SIGN PANEL LAYOUT AND COLOR AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO FABRICATION.
- 43. TRENCH BACKFILL MATERIAL SHALL BE CA-6 AND SHALL BE COMPACTED BY METHOD 1 ONLY.
- 44. AN UNCONTAMINATED SOIL CERTIFICATION FORM (LPC-663) HAS BEEN OBTAINED FOR THIS PROJECT.
- THE CONCRETE PAVEMENT SHALL HAVE A TYPE A FINAL FINISH EXCEPT THAT THE TINING SHALL BE PLACED LONGITUDINALLY AND INCLUDED IN THE COST OF THE CONCRETE PAVEMENT. THE LONGITUDINAL TINING METHOD SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONCRETE PLACEMENT.
- 46. ONLY SUITABLE TREES SHALL BE PLANTED NEAR/UNDER OVERHEAD WIRES. THIS WORK SHALL BE AS DETERMINED BY THE ENGINEER.
- 47. THE CONTRACTOR SHALL NOTIFY THE IDOT TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

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# **HIGHWAY STANDARDS**

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### **BENCHMARKS**

*[	ARROW BOLT ON TOP FLANGE OF HYDRANT LOCATED AT THE SOUTHEAST CORNER OF MAPLE AVENUE AND WASHINGTON STREET. ELEVATION = 760.22 (NAVD88)	BM=4 ARROW BOLT ON TOP FLANGE OF HYDRANT LOCATED AT THE NORTHEAST CORNER OF MAPLE AVENUE AND BROOKDALE DRIVE. ELEVATION = 870.97 (NAVD88)	
12	ARROW BOLT ON TOP FLANGE OF HYDRANT LOCATED AT THE NORTHEAST CORNER OF MAPLE AVENUE AND CALIFORNIA AVENUE, ELEVATION = 748,75 (NAVD88)	BM*5 ARROW BOLT ON TOP FLANGE OF HYDRANT LOCATED ON THE EAST SIDE OF BESINGER DRIVE ACROSS FROM THE EAST END OF MAPLE_AVENUE.	

BM\*5 ARROW BOLT ON TOP FLANGE OF HYDRANT LOCATED ON THE EAST SIDE OF BESINGER DRIVE ACROSS FROM THE EAST END OF MAPLE AVENUE. ELEVATION = 869.91 (NAVD88)

ARROW BOLT ON TOP FLANCE OF HYDRANT LOCATED AT THE SOUTHWEST CORNER OF MAPLE AVENUE AND TAMARAC DRIVE. ELEVATION = 754.81 (NAVD88) BM#3

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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**  INDEX OF SHEETS, HIGHWAY STANDARDS, DISTRICT ONE DETAILS, BENCHMARKS AND GENERAL NOTES

ВМ\*

BM#2

SECTION SHEETS NO. 4006 95-00049-00-PV KANE 138 2 CONTRACT NO. 63745 FEO, ROAD DIST, NO. 1 | ILLINOIS | FED. AID PROJECT M-8003 (095)