INDEPENDENCE CITY OFFICIALS

MAYOR

CHRIS REINERSMAN

CITY CLERK

GINA GABBARD

CITY ADMINISTRATOR

CHRIS MORICONI

CITY COUNCIL MEMBERS

BILL ASEERE TOM BRINKER LUCAS DEATON **AMY ENGELMAN CAROL FRANZEN GREG WAITE**

CITY ATTORNEY

JACK GATLIN

PUBLIC WORKS DIRECTOR

KEN HICKS

GENERAL NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, THE 8. ALL OSHA, STATE AND LOCAL SAFETY REGULATIONS SHALL BE FOLLOWED DURING LATEST EDITION OF THE KENTON COUNTY SUBDIVISION REGULATIONS AND THE KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD
- 2. CONCRETE FOR CURB, DRIVES AND SIDEWALKS ETC. SHALL BE KDOT 601 CLASS AA STRENGTH MIX. SPECIFICATIONS OR APPROVED EQUAL, F = 4000 P.S.I. 28-DAY
- 3. EXPANSION MATERIAL SHALL BE 1/2" THICK FLEXIBLE FOAM MATERIAL, SUCH AS
- A. AT ALL FIXED OBJECTS (I.E. UTILITY COVERS, VALVES, MANHOLES, ETC.)
- B. AT ALL RIGID STRUCTURES (I.E. DRIVES, CURBS, STEPS, ETC.) PAYMENT FOR THIS ITEM AND ZIP STRIPS INCLUDED IN THE PERTINENT CONCRETE PAVEMENT
- C. AT ALL STREET INTERSECTIONS AT THE POINT OF CURVATURE OF THE TURNING RADII ENTERING THE INTERSECTION.
- D. NO CONCRETE SHALL BE LEFT ABOVE THE EXPANSION MATERIAL OR ACROSS THE JOINT AT ANY POINT. ANY CONCRETE SPANNING THE ENDS OF THE JOINT NEXT TO THE FORMS SHALL BE CAREFULLY CUT AWAY AFTER THE FORMS ARE REMOVED. BEFORE THE PAVEMENT IS OPENED TO TRAFFIC, THE GROOVE ABOVE THE EXPANSION JOINT MATERIAL SHALL BE CLEANED AND SEALED WITH JOINT SEALING MATERIAL.
- 4. DOWNSPOUT AND UNDERDRAIN CONSTRUCTION SHALL MEET THESE AND THE LATEST SPECIFICATION OF THE KENTON COUNTY SUBDIVISION REGULATIONS, SD-1 REGULATIONS AND STANDARD DRAWINGS, AND DETAILS SHOWN ON THIS PLAN. BEDDING. BACKFILLING. JOINTS. EXCAVATION AND INSTALLATION SHALL BE INCLUDED IN THE COST PER FOOT OF PIPE. STORM SEWER, DOWNSPOUT AND UNDERDRAIN PIPE MATERIAL SHALL HAVE A MANNING'S "N" VALUE OF 0.013 OR LESS (UNLESS OTHERWISE SHOWN) AND BE RIGID / SMOOTH INTERIOR WALLED PVC SDR-35 PIPE, RIBBED PVC PIPE, A-2000 PVC PIPE, UNLESS OTHERWISE
- 5. ALL DISTURBED AREAS ARE TO BE RESTORED (SEEDED AND MULCHED) BY THE CONTRACTOR AND SHALL PROCEED WITH JOB PROGRESSION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVING ANY EXCESS MATERIALS AT THE SITE AND MAINTAINING ALL SEEDED AND MULCHED AREAS UNTIL PROJECT COMPLETION AND FINAL INSPECTION PER KDOT SPEC. 212. A RESIDENTIAL YARD SHALL BE RESTORED WITHIN TWENTY -ONE (21) DAYS AFTER CONSTRUCTION.
- 6. ALL APPLICABLE RECOMMENDATIONS IN KENTUCKY'S BEST MANAGEMENT PRACTICES MANUAL SHALL BE FOLLOWED BY THE CONTRACTOR, INCLUDING SEEDING OF DISTURBED GROUND.
- 7. THE CONTRACTOR SHALL LIMIT THEIR WORK AREA TO THE EASEMENTS AND RIGHTS-OF-WAY SHOWN ON THESE PLANS UNLESS WRITTEN PERMISSION IS GIVEN 18. LIMITS OF DRIVEWAY APRON & SIDEWALK REPLACEMENT TO BE MARKED IN THE FIELD BY THE PROPERTY OWNER AND APPROVED BY THE **CITY OF INDEPENDENCE**.

MAINTENANCE OF TRAFFIC NOTES

- 1. ALL SIGNS AND CONTROL OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, LATEST EDITION, PART VI, AND SAFETY REQUIREMENTS SHALL COMPLY WITH THE
- 2. ANY CONSTRUCTION ACTIVITY REQUIRING A LANE CLOSURE SHALL BE RESTRICTED TO BETWEEN THE HOURS OF 9:00 AM TO 3:00 PM MONDAY - FRIDAY . NO MORE THAN ONE (1) TRAVELED LANE SHALL BE BLOCKED OR OBSTRUCTED DURING THESE HOURS, ALL SIGNS AND FLAGGERS DURING LANE CLOSURE SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE REQUIREMENTS OF THE KENTUCKY TRANSPORTATION CABINET.
- 3. THE TRAVELED WAY AND SHOULDERS SHALL BE KEPT CLEAR OF MUD AND OTHER CONTRUCTION DEBRIS AT ALL TIMES DURING CONSTRUCTION OF THE PERMITTED
- 4. NO NONCONSTRUCTION EQUIPMENT OR VEHICLES OR OFFICE TRAILERS SHALL BE ALLOWED ON THE RIGHT OF WAY DURING WORKING HOURS.
- 5. THE RIGHT OF WAY SHALL BE LEFT FREE AND CLEAR OF EQUIPMENT, MATERIAL, AND VEHICLES DURING NON-WORKING HOURS.

- 9. THIS PLAN SHOWS THE APPROXIMATE LOCATION OF UNDERGROUND UTILITIES (GAS, WATER, STORM SEWER, SANITARY SEWER, TELEPHONE, ELECTRIC, ETC.). THE PREPARER DOES NOT GUARANTEE THEIR ACCURACY OR CORRECTNESS. THE INFORMATION PROVIDED SHALL BE FIFLD VERIFIED PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE UTILITY AS WELL AS THE SERVICE LATERALS AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PRACTICE CARE DURING THE GRADING AND TRENCH EXCAVATION AND SHALL BE RESPONSIBLE
- 10. RELOCATION OR REINSTALLATION OF EXISTING MAIL BOXES, FENCES, PRIVATE LANDSCAPE LIGHTS. PRIVATE SIGNS. STREET SIGNS. RESTORATION OF LANDSCAPING AND TREATMENT OF EXISTING WALLS WHERE A PORTION HAS BEEN REMOVED SHALL BE INCIDENTAL TO CLEARING AND GRUBBING.
- 11. TOPS OF EXISTING AND PROPOSED CASTING ELEVATIONS ARE SUBJECT TO FINAL ADJUSTMENTS AS APPROVED BY THE ENGINEER AND REQUIREMENTS OF UTILITY OWNER. THIS WORK WILL BE INCIDENTAL TO THE CONTRACT.
- 12. 36" AND SMALLER STORM SEWER PIPE MATERIAL SHALL BE POLYVINYL CHLORIDE (PVC) SMOOTH WALL PIPE PER ASTM D3034, POLYVINYL CHLORIDE (PVC) PROFILE WALL PER ASTM F794 OR F949, OR HIGH DENSITY POLYETHYLENE (HDPE) PER AASHTO M294. JOINTS FOR PVC PIPE SHALL BE GASKET, BELL AND SPIGOT, PUSH ON TYPES PER ASTM D3212; HDPE PIPE SHALL BE JOINED USING AN INLINE BELL AND SPIGOT JOINT PER AASHTO M252, AASHTO M294 OR ASTM F2306. ALL JOINTS SHALL BE SOIL TIGHT. ALL GASKETS SHALL MEET ASTM F477.
- 13. FORTY-EIGHT (48) HOURS BEFORE EXCAVATION IS TO COMMENCE, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES: THE KENTUCKY UTILITY PROTECTION SERVICE AND ALL OTHER UTILITIES THAT MAY HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NON-MEMBERS OF KENTUCKY UNDERGROUND
- 14. NO CONSTRUCTION SHALL COMMENCE UNTIL ALL KENTON COUNTY AND THE CITY OF INDEPENDENCE PERMITS HAVE BEEN ISSUED AS REQUIRED.
- 15. THE CONTRACTOR SHALL COORDINATE ALL WORK WITHIN THE PUBLIC RIGHT OF WAY WITH THE CITY OF INDEPENDENCE . LOCAL TRAFFIC MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- 16. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN SANITARY SEWER AND STORM SEWER FLOW THROUGH THE PROJECT, FOR THE DURATION OF CONSTRUCTION. ALL COST FOR THE ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.
- 17. ADDITIONAL BMP'S, AND EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS DEEMED NECESSARY. ALL COST FOR ABOVE SHALL BE INCLUDED IN LUMP SUM BID FOR EROSION CONTROL AND WATER POLLUTION CONTROL.
- BY THE ENGINEER. ADDITIONAL DRIVEWAY & SIDEWALK REPLACEMENTS, NOT SHOWN ON THE PLANS MAY BE REQUIRED BY THE ENGINEER.

6. PAVEMENT DROP-OFF

PAVEMENT EDGES THAT TRAFFIC IS NOT EXPECTED TO CROSS, EXCEPT ACCIDENTALLY, SHOULD BE TREATED AS FOLLOWS: - LESS THAN TWO INCHES - NO PROTECTION REQUIRED. WARNING SIGNS SHOULD BE PLACED IN ADVANCE AND TROUGHOUT THE DROP-OFF AREA. TWO TO FOUR INCHES - PLACE PLASTIC DRUMS, VERTICAL PANELS OR BARRICADES EVERY 80 FEET ON TANGENT SECTIONS FOR SPEEDS OF 50 MILES PER HOUR OR GREATER. CONES MAY BE USED IN PLACE OF PLASTIC DRUMS, PANELS AND BARRICADES DURING DAY LIGHT HOURS. FOR TANGENT SECTIONS WITH SPEEDS LESS THAN 50 MILES PER HOUR AND FOR CURVES. DEVICES SHOULD BE PLACED EVERY 50 FEET. SPACING FOR TAPERS SHOULD BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". GREATER THAN FOUR INCHES - POSITIVE SEPARATION OR WEDGE WITH 3:1 OR FLATTER SLOPE NEEDED. IF THERE IS EIGHT FEET OR MORE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND DROP-OFF, DRUMS, PANELS OR BARRICADES MAY

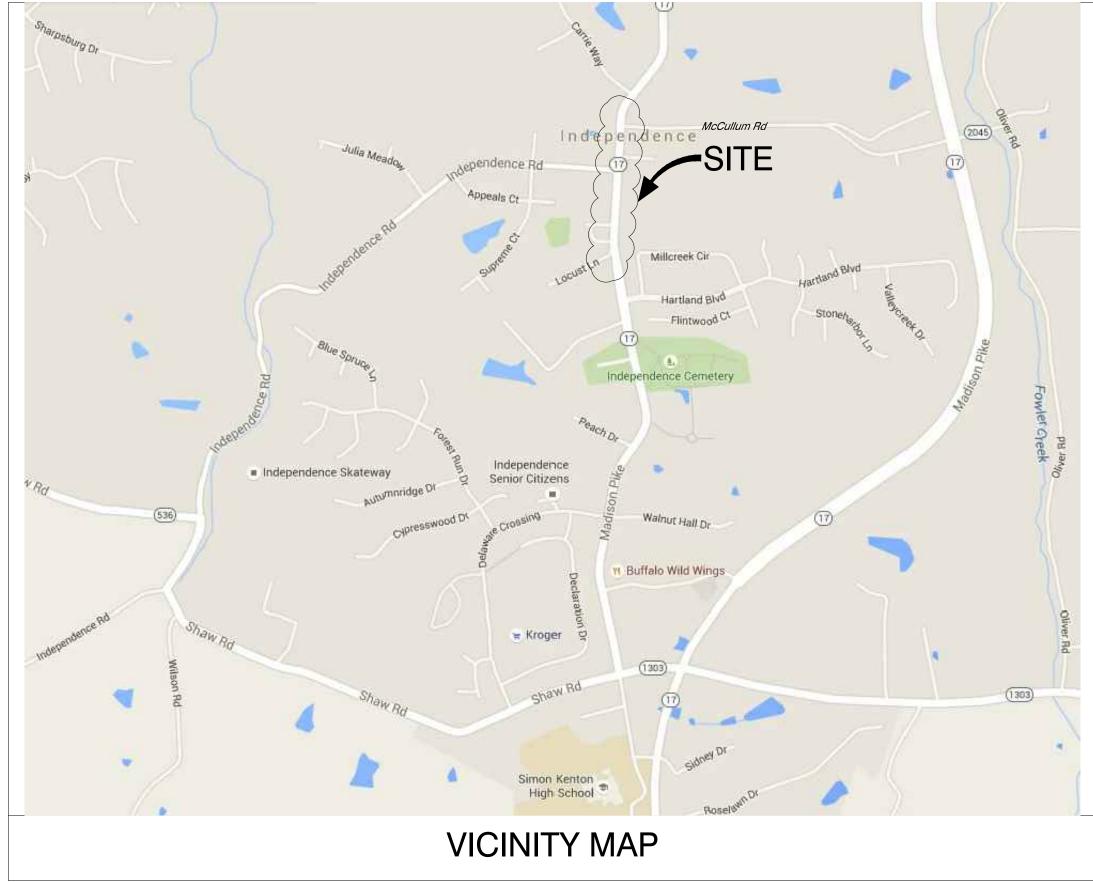
FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN FOUR INCHES MAY BE PROTECTED BY PLASTIC DRUMS, VERTICAL PANELS OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE

- 7. WHEN THE SEQUENCE OF CONSTRUCTION CALLS FOR PARTIAL WIDTH CONSTRUCTION OF PAVEMENT FOR A SECTION OF HIGHWAY IN A PHASE, THE SURFACE COURSE SHALL NOT BE PLACED UNTIL THE FULL WIDTH OF PAVEMENT INCLUDING SHOULDERS HAS BEEN COMPLETED IN A LATER PHASE.
- 8. PAYMENT OF MAINTENANCE OF TRAFFIC SHALL BE AS LUMP SUM.

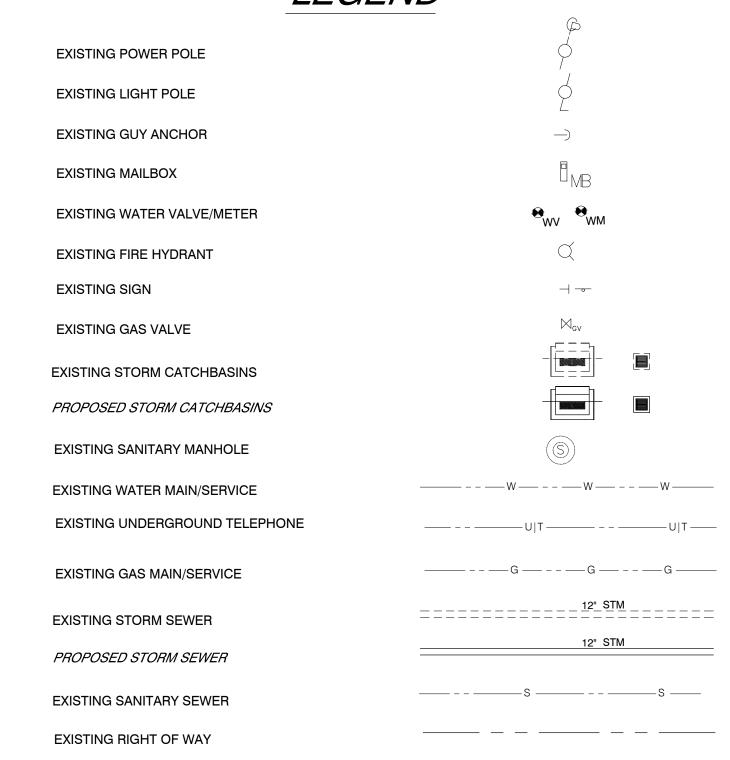
CITY OF INDEPENDENCE

KENTON COUNTY, KENTUCKY MADISON PIKE SIDEWALK

150595



LEGEND



HATCH LEGEND

PROPOSED 4" CONCRETE SIDEWALK	Δ Δ Δ
PROPOSED CONCRETE CURB AND GUTTER	
PROPOSED 6" CONCRETE DRIVEWAY REPLACEMENT	
PROPOSED 8" CONCRETE DRIVEWAY REPLACEMENT	+ + + + + + + + + + + + + + + + + + +
PROPOSED ASPHALT DRIVEWAY REPLACEMENT	
PROPOSED GRAVEL DRIVEWAY REPLACEMENT	

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NKWD SPECIFICATIONS

THE LATEST STANDARD SPECIFICATIONS AND DRAWINGS FOR THE INSTALLATION OF WATER MAIN AND METER PITS SHALL GOVERN ALL WATER MAIN CONSTRUCTION ITEMS ON THIS PROJECT.

SD1 SPECIFICATIONS

THE LATEST STANDARD SPECIFICATIONS OF NORTHERN KENTUCKY REGIONAL STORM WATER MANAGEMENT PROGRAM RULES AND REGULATIONS, AND OF THE SANITATION DISTRICT NO. 1 SANITARY RULES AND REGULATIONS, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO SHALL GOVERN THIS IMPROVEMENT.

K.T.C. SPECIFICATIONS

THE LATEST STANDARD SPECIFICATIONS OF THE KENTUCKY TRANSPORTATION CABINET, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO SHALL GOVERN THIS IMPROVEMENT.

MARTIN P. HELLMANN

P.E. # 27046

