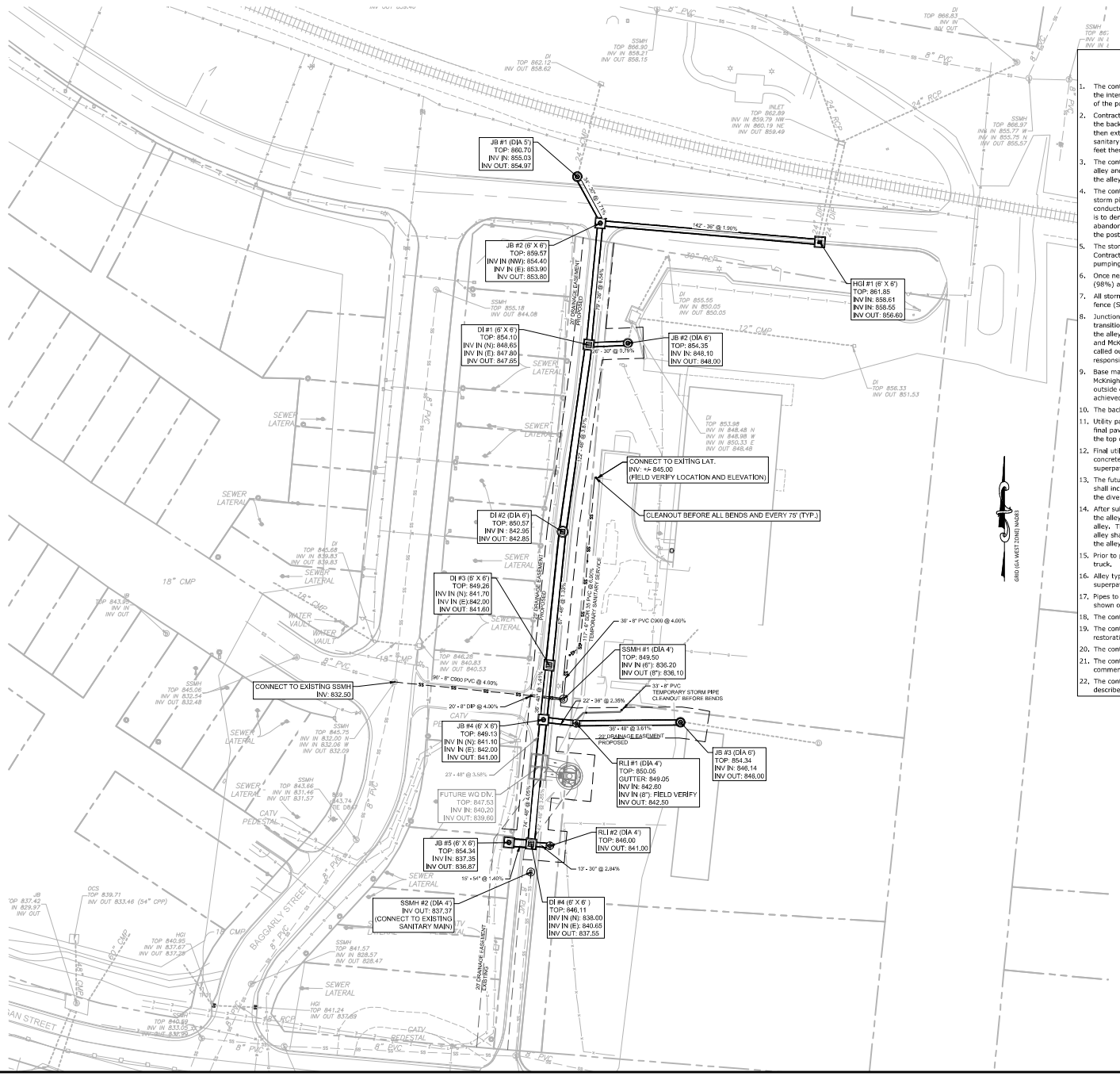

PHASING ON CONSTRUCTION & NOTES

1. The contractor shall begin work by first installing the new 8-inch PVC, C-900, sanitary sewer main from the intersection of Baggerly to the centerline of the future McKnight Drive to serve the southeast corner of the post office tract.
2. Contractor shall install in terminal manhole as shown on plans and extend an 8-inch, PVC, C-900 line to the back of the future McKnight Drive as re-connection of the post office sanitary line. Service line shall then extend from the 8" by 6" reducer. The Post office shall receive a new 6-inch, SDR-35 or better, sanitary service line with a clean out at the location of the reducer, upstream of bends and every 75 feet thereafter, as shown on plans.
3. The contractor shall next begin the removal of the existing 8-inch sanitary sewer line located within the alley and install the new terminal manhole approximately 119' north of the Morgan Street SSMH within the alley.
4. The contractor shall then install the stormwater connections that will serve as replacement for the storm pipes in place today. The pipe installation of the storm water replacement pipe shall be conducted on a day when no rain or inclement weather is expected for the next three days. The intent is to demo only what is required to install the new storm line as shown on the plans and allow abandoned pipe to remain in place until such time in the future it is removed by the redevelopment of the post office site.
5. The storm installation shall be installed to the extent possible within 2 to 3 calendar days. The Contractor shall be 100% responsible for all costs related to any and all temporary piping or temporary pumping needed if unexpected rain occurs while the storm pipe installation is underway.
6. Once new storm pipes are installed the contactor will provide the backfill to minimum compaction (98%) and minimum 2 feet of cover over the newly installed storm pipes.
7. All storm junction boxes located outside of Gin Street and Baggerly Way shall be wrapped with silt fence (Sd2-F) per the GA Erosion and Sedimentation control manual, latest edition.
8. Junction boxes within the alley are to be set to final grade after McKnight Drive grading and alley transition grading is complete. The contractor is responsible for fill material to bring the intersection of the alley and McKnight Drive to final grade. This plan anticipates raising the intersection of the alley and McKnight Drive approximately 18-inches (+-) above existing grade. The tops of structures are called out at the proposed final grade after the 18-inches (+-) of fill is installed. The contractor shall be responsible for resetting lids as necessary after all proposed grading is complete.
9. Base material (GAB) shall be applied in all locations of existing or future roads including the section of McKnight Drive between Baggerly and the alley as soon as to subgrade elevations. All other areas outside of future pavement shall be treated with permanent grassing per plans when final grade is achieved.
10. The backfill over the new storm pipe will be compacted to 98%.
11. Utility patches shall be installed as soon as practicable within Gin Street and Baggerly Way. Until such final pavement patch is installed all public roads shall be maintained by the contractor with GAB filled to the top of the utility trench.
12. Final utility patches shall be per the GADOT standard with a minimum 8-inches of high early strength concrete overlapping the utility trench 12 inches on each side and capped with 1.5 inches of 12.5 mm superpave final wearing coarse.
13. The future diversion structure and water quality structure are shown herein for reference only, Phase 1 shall include straight pipe between JB#4 and DI#4 and which will later be removed to accommodate the diversion and WQ structures.
14. After subgrade is achieved, the contractor shall install new 6-inch header curb along the east side of the alley, except where otherwise noted, and a new 12-inch ribbon curb along the west side of the alley. The alley shall be graded to drain to the center curb inlets as indicated on the plans. The new alley shall tie into McKnight Drive as indicated and shall be graded to have low spots as indicated by the alley profile.
15. Prior to paving the alley shall pass proof roll inspection, conducted by city personnel, with loaded dump truck.
16. Alley typical section shall match plans and at a minimum have 8-inches of GAB, 2-inches of 25 mm superpave binder coarse and 1.5 inches of 12.5 mm superpave surface wearing coarse.
17. Pipes to be abandoned shall be cut below grade, and capped, plugged or bricked up at both ends as shown on the plans.
18. The contractor shall be responsible for all temporary traffic control and signage.
19. The contractor shall be responsible for all erosion control including temporary and final stabilization and restoration of site to match or exceed the existing.
20. The contractor shall be responsible for all demolition and disposal.
21. The contractor shall be responsible for having underground utilities located by calling 811 prior to work commencing.
22. The contractor shall supply all materials, labor and supplies to complete the project herein shown and described on plans and details in accordance with GA DOT specifications and standard details.

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GEORGIA REGISTERED No. PEC0015133 PROFESSIONAL ENGINEER
DAVID C. KLANG
01/30/23

Rev.	Description	Date	Apr.
2.	ISSUED FOR CONSTRUCTION	01/30/23	DCS
1.	ISSUED FOR REVIEW	01/24/23	-

Date: 01/30/23
Project # 1165.2301
Design by: DCG
Drawn by: DCG
Check by: DCS
Review by: DCS
SCALE: 1" = 30'

UTILITY IMPROVEMENT PLAN
FOR
SENOJIA MASTER DRAINAGE
LAND LOT 01 OF THE 03 DISTRICT, CITY OF SENOJIA, COWETA COUNTY, GEORGIA

STORMWATER SITE PLAN

DRAWING NO.
C200

GEORGIA 811 Utilities Protection Center, Inc.
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