

County Engineer's Capital Project and Noteworthy projects report

Friday, February 4, 2022

LEGEND

- Complete, or nearing Completion
- Under Construction
- In Design and/or Bidding Process
- Not yet started; future project

Project #	Project Name	Project Description	Project Status	Next Step(s)
1	Effingham Parkway	New route from Hwy 30 in Chatham County to Blue Jay Road tie-in.	Pre-Construction Conference was held October 27, 2021.	Balfour Beatty is clearing. See GDOT update.
2	LMIG 2020 Resurfacing	Annual various county road resurfacing project.	All work complete.	Close out paperwork.
3	TSPLOST Resurfacing (excl. Hodgeville Road)	Resurfacing on various county roads.	Construction underway.	Continue paving through March 2022.
4	LMIG 2021 / TSPLOST 2021 Resurfacing	Resurfacing on various county roads.	Construction underway.	Continue paving through March 2022.
5	LMIG 2021 SAP	Safety improvements on various county roads.	All work complete.	Close out paperwork.
6	Blue Jay Road & McCall Road realignment	Realign Blue Jay Road to tie into McCall Road as a curve.	Construction underway. Traffic switch over 12/20/21.	Close out; Substantial Completion occurred in December 2021.
7	McCall Road @ Blandford Rd. Intersection	Addition of turn lanes on McCall Road at Blandford Road. (Add on to BJ Rd. & McCall Rd. realignment project.)	Construction underway.	Close out; Substantial Completion occurred in December 2021.
8	TSPLOST Ash Road FDR	Full Depth reclamation of various ash roads.	Engineering field work complete; design and bid specs in progress	Bidding for construction mid-February 2022.
9	Transportation Master Plan	Study major state and county routes throughout the County for long range planning of CIP needs.	BOC adopted Dec. 7, 2021. Close out paperwork & electronic deliverables rec'd.	COMPLETE.
10	TSPLOST intersection improvements	Various county road intersection improvements.	Design Underway. Kolic Helmey Road turn lanes at Elementary school to be fast-tracked. Potential Development Agreement for Kolic Helmey Road and Hwy 30 intersection being negotiated.	Design completed and bid for Kolic-Helmey @ school. Other design forthcoming.
11	TSPLOST - Hodgeville Road Resurfacing	Resurfacing.	On hold pending completion of various intersection improvements.	IFB for Construction.
12	TSPLOST - Courthouse Rd. realignment	Realignment of Courthouse Road and McCall Road intersection.	RFQ for engineering design services in process.	Bid and Award Design services.
13	TSPLOST - Goshen Road widening	major widening.	Transportation Master Plan concurs with TSPLOST scope.	RFQ for engineering design services.
14	TSPLOST - Misc. Drainage Improvements	Misc. drainage improvements to improve county roads.	Not started. This project compliments other road projects as needed. Labrador Lane repairs in TSLPOST resurfacing contract canceled. Funds will be used for Westwood Heights Subdivision.	RFQ for engineering design services as needed.
15	New Administration Building	Remodeling 802 (second floor) and 804 S. Laurel St. for administrative offices.	Substantial Completion. Move in complete. Punch list and close out documents in process.	Begin Design on remodel of the first floor of the north building once the bank moves out.
16	Fire Station - Hodgeville Road	New fire station.	Construction underway. Building under construction. Change Orders pending.	Completion date scheduled for late July 2022.

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17	Fire Station - Guyton	New fire station.	Design underway. Preparing bid package.	IFB for Construction.
18	EMS HQ expansion	expansion of EMS HQ	Design underway. Site design and Architectural drawings concept only.	Complete design; prepare bid package.
19	Sheriff's Maint. Shed	New storage for Sheriff's office use.	Design underway. Site design and Architectural drawings concept only.	Complete design; prepare bid package.
20	Prison Maint. Bldg.	Replace damaged building for prison maint. Use.	Design underway. Site design and Architectural drawings concept only.	Complete design; prepare bid package.
21	So. Effingham Fire Station (Ladessie Zeigler Road / Hwy 30)	Expansion of existing fire station.	Not started. Concept Architectural alternatives only.	Authorize Architect to design with preferred alternate.
22	Facilities Master Plan	Study most County owned facilities throughout the County for long range planning of CIP needs.	Staff reviewed draft and returned for corrections and additions.	BOC review of final draft.
23	McCall Park	Rehabilitation and expansion of McCall Park	Construction ongoing. Material delivery delays.	Close out.
24	Annex Hwy 119 - Ballfield #2 field lights	Replacement of field lighting on Field #2.	Construction underway. Poles in. Electrical wiring in progress.	Close out.
25	Atlas Mine Soil Remediation	Remove contaminated soil and restore site for future use(s)	Engineering design consultant preparing construction plans. Alternative soil re-use option being added to RFP. Applying for USEPA Brownfield Grant. Pursuing other grant opportunities.	Pending grant results; bid and/or award construction contract.
26	Water Loop A	Installation of 16" water line from Blandford Elementary School on McCall Road to Blandford Crossing Subdivision on Blue Jay Road. (HGB designer)	Complete.	Close out paperwork.
27	Water Booster Station	New waterline booster pump station for City of Savannah supply on Hodgeville Road	Construction underway. Pump skid in production.	Completion date TBD.
28	Hodgeville Lift Station Upgrades	Upgrade existing Hodgeville lift station (#4)	Design complete. Permitting complete. Pending minor plan revisions. Preparing bid package.	Bidding for construction.
29	Hodgeville LS #4 Sanitary Sewer Force Main	Installation of a new 18" PVC force main from Hodgeville Road lift station #4 to the Effingham WWTP.	Design at 70% complete. Permitting in progress.	Easement Acquisition; IFB for Construction.
30	Water Loop B	Installation of 16" water line from Emerald Crossing Subdivision to Marlow Elementary on Highway 17.	Design complete. Permits in place. Preparing bid package. Adding re-use line back into project for the Blue Jay Road portion.	Bidding for construction.
31	WWTP SCADA	Upgrade the WWTP supervisory control and data acquisition system	Set up of software and computer hardware complete. Upgraded to components in progress. Crossover to new system 100% complete.	Complete setup. Employee training on new systems. Implementation of recommended replacement in future years

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32	Additional WWTP Spray field	Installation of additional spray fields or irrigation to increase current permit limits.	Waste Load Allocation letter received from GA-EPD. Antidegradation analysis w/ additional testing in progress.	Concept design.
33	Direct WWTP Effluent Discharge to Little Ogeechee River	Create a surface water discharge for the WWTP to lessen need for Land Application of effluent water.	Ogeechee Run WLA request is pending additional D.O. testing. County is conducting a Tide study to assist GA-EPD with D.O. study.	Antidegradation analysis w/ additional testing, then concept design
34	Water and Sewer Master Plan	Water, Sewer, and Re-use Master Plan will be created to identify short term and long term capacity needs and system improvement projects.	Data collection, interviews with stakeholders complete. Modeling and Mapping in progress	Draft report.
35	Sewer Force Main along Hwy 17 from Marlow to Blue Jay	New sewer force main along Hwy 17 from Marlow Elementary School through the roundabout at Blue Jay Road.	Concept only. Need based on development trends. Applying for State Fiscal Recovery Fund grant.	Wait on Water and Sewer Master Plan to define need.
36	Upgrade Existing Sewer Force Main on Blue Jay & Extend to Hwy 17	Replace existing sewer force mains along Blue Jay Road from Hodgeville to Greystone Subdivision and the roundabout at Highway 17.	Concept only. Need based on development trends. Applying for State Fiscal Recovery Fund grant.	Wait on Water and Sewer Master Plan to define need.
37	Stormwater Feasibility Study	Determining the feasibility of a storm water utility and developing a rate structure.	Draft report presented to stakeholders 11/8/21 and public 11/10/21. Presentation to BOC on 11/16/21.	On Hold due to negative feedback.
38	Stormwater Master Plan	Stormwater Master Plan will be created to identify short term and long term storm drainage improvement projects and MS4 program needs.	The County received a Coastal Incentive Grant to fund 50% of the project cost over 24 months. Funding match is anticipated Stormwater Utility fees upon adoption of the Utility.	Prepare a RFQ and scope of work for an engineering consultant.
39	Shearouse Flooding	Resolve localized flooding at intersection with Hwy 30.	Design complete. Permitting complete. Bidding in progress.	Award Bid and begin Construction.
40	Staffordshire Drainage Coop.	Resolve localized flooding in subdivision.	County staff and the developer cooperating on a drainage solution for the neighborhood and the immediate vicinity. Developer's engineer preparing design.	Agreement of the solution and any off-site improvement needs.
41	Patriot Point termini completion	Complete construction of a road stub into former future phase of subdivision.	Design complete. Permitting complete. Bidding in progress.	Award Bid and begin Construction.
42	Clarence Morgan Ballfield Complex Ticketing Booths	Construct 8'x10' booths on existing foundations	Proposals for design rejected due to cost. Seeking opinion of const. cost.	Contract for design; solicit bids. Potential to put project on hold pending Parks master plan.
43	Animal Shelter Cat Patio	Add screened outdoor patio for cat room	Bids received. Rejected due to cost. Seeking local quotes.	Award for construction.
44	Veteran's Memorial Park Restrooms	Construct restrooms for the park	grant application for Planter's grant submitted.	If grant awarded, hire a consultant; design; bid; construct.
45	Parks Master Plan update and concept plans	Update 2015 report on needs, prepare conceptual plans and budget estimates	Soliciting scope of work proposals from IDC Consultants	Hire consultant and prepare plan
46	Water Meter Change out	Replace approx. 1500 meters to Master Meter	Meters ordered. Installed in progress.	Complete orders and installs.
47	Solid Waste Management Plan update	Update the 2007 plan to project future solid waste disposal needs for the County	Final report presented to the BOC Oct 5, 2021.	Public meeting and BOC vote - Date TBD.

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48	Re-Use extension - Blue Jay Commons Sub'd	Cost share in up-sizing of the reuse line to serve this new development and future expansion	Agreement approved. Under Const.	Reimburse via Service Recovery fee credits
49	Plans scanning and GIS integration	Scan archived drawings, plans, plats from past and current projects; digitize information from scanned documents to build GIS maps.	Spatial Engineering hired to scan documents. In progress. Completion in April 2022.	Additional work orders to digitize water, sewer, storm, other utilities, easements, roads, and other features to build GIS layers for mapping.
50	Development Services Codes revision and updates	review existing codes, regulations, policies, procedures within the Zoning Ordinance, Subdivision regulations, Engineering Specifications, Stormwater Management guide, building code, and others to update, revise, delete, etc. to improve the quality of development in the County	Contract awarded to SM&E. Kick off meeting held. Stakeholder meeting December 1, 2021. Public workshops held Feb. 8, 2022.	Draft plans, additional stakeholder and public meetings. Completion winter 2022.
51	Development bonds review	research status on older development projects and associated bonds and determine which bonds can be released.	List updates ongoing; inspections made as needed.	proactively manage the list going forward to prevent legacy projects.
52	SPLOST 2021 facility projects	numerous facility and county property projects, subject to vote approved SPLOST referendum in fall 2021	Referendum passed.	Develop budget and schedule for projects. See other projects.
53	Fleet replacements	Enterprise lease program for county vehicles	FY 2021 and partial FY 2022 ordered placed. Delayed due to OEM issues.	pending delivery of units.
54	Fuel management	update and improvement to fuel cards and purchasing of fuel	staff researching options.	RFP for system.
55	Gas canopy and fuel pump upgrades	replace canopy and pumps.	Pending decision on Fuel Management Program	
56	Baker Park Tennis Court Surfacing	replace playing surface	seeking grant funding.	
57	Baker Park Trail repairs	repair hazards	Urgent spot repair construction complete. Full replacement listed in SPLOST 2021 project list.	RFP for design; IFB for const.
58	Meldrim Maintenance Agreement with Community Group	Renew agreement with community group for routine maintenance of the park.		Staff draft Agreement.
59	Sand Hill Park Disc golf course	Add disc golf to park.	Staff working with a subject matter expert on a concept layout. Survey work pending.	
60	County Jail HVAC automation	Upgrade HVAC system to balance air flow and control temperature through automation.	Not started.	
61	EMA Facility Generator needs, grant applications	Add generators to County critical facilities.	EMA and facility staff defined projects and submitted grant applications.	If grant awarded, hire a consultant; design; bid; construct.
62	Old Louisville Road pipe Collapse	Storm damage. Restore road and drainage from wash out.	Contract for Design Build with contractor approved by BOC November 16, 2021. Construction started Feb. 7, 2022.	construction.
63	Broadband Grant	Partner with Planters Coop to extend Broadband services	State Fiscal Recovery Grant application submitted.	wait for grant award.

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64	Old River Road Widening	Partner with Chatham County to widen from SR 204 to US 80.	Chatham Co. awarded Core MPO Z230 funds for design and ROW acquisition within Chatham Co. area. IGA for Effingham County cost share in progress. Effingham and Chatham intend to also do an IGA to partner on a EDA grant for the Effingham County portion. Potentially incorporate TSPLOST ORR / Hwy 80 project into this project and use TSPLOST funding for grant match. PROJECT CANCELED.	Apply for grants and revisit partnerships with Chatham County and CORE MPO.
65	Westwood Heights Drainage Improvements	Repair ditches and culverts to improve drainage throughout subdivision.	Pending award for design services.	Award Design, begin survey work.
66	Water and Sewer Extension on Old Augusta Road	Extend services to within 1000' of Abercorn Road	Design bid and put on hold pending a DA with a developer to cost share the project.	Sign DA and reimburse developer for design and construction.
67	CEM Gym Expansion	Add wing for Rec. office, EMA HQ, and multi-purpose room	Not started.	RFQ for engineering design services.
68	Central School restoration	total restoration and upfit for use as office, warehouse.	Not started.	RFQ for engineering design services.
69	902 S. Pine St. remediation and remodel	remove black mold and remodel for future use.	Not started.	RFQ for engineering design services.
70	904 S. Pine St. remodel	remodel for future use.	RFQ for engineering design services in progress.	Bid award and design.
71	900 Block S. Pine Parking Lot	build parking behind buildings	Not started.	RFQ for engineering design services.
72	Hwy 119 Annex Remodel	remodel space in phases	Not started.	RFQ for engineering design services.
73	802 S. Laurel 1st floor remodel	remodel former bank space for Tax Assessor and Tax Commissioner.	Greenline Arch. Has concept. Need contract for design.	RFQ for Architect design services.
74	LMIG 2022	Annual resurfacing contract	Project recommendations complete. LMIG 2022 grant awarded.	Prepare bid package.
75	LMIG 2023	Annual resurfacing contract	Submitted mileage to GDOT for future allocations of LMIG funds. Approval pending.	Prepare LMIG 2023 grant application in fall 2022.