

Engineering Department FY 2022 Narrative

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Recipient Name

Mayor Norma L. Hernández, College Place City Council

Fund: Engineering

Department: Engineering

Staff: 1.0 FTE's (plus outsourced on-call engineering)

Mission:

To support the objectives of the City of College Place community through providing technical engineering services and recommendations to city departments and administration as they work to implement the direction and goals of City Council. To manage and oversee the city's Stormwater Utility

Overview:

In addition to providing civil site plan review services in support of residential and commercial development, the Engineering Department manages the Stormwater Utility and also promulgates and applies City-approved standards and specifications to projects and developments within the City's jurisdictional limits. Other activities in support of the Administration, Finance, Public Works and Planning Department include...

- Project Management
- Transportation Planning
- Utility Infrastructure Planning
- Long-term Community Development Planning (infrastructure concurrency...i.e. water rights, utility extensions, etc.)
- Project Financing including preparation of grant and loan applications.
- Municipal Code Updates

In addition to continuing to manage and assist with areas above, Engineering Department emphases for 2022 will include continuing to work on the on-going development of the city's Geographic Information System (GIS) and continued programming of the stormwater utility in compliance with Federal National Pollution Discharge Elimination System Phase 2 regulations.

Budget Summary:

Projected expenditures for 2022 are generally based upon last year's expenditures expect with changes on the personnel/staffing line items.

Personnel/Staff

The City Engineering function is currently staffed with one (1) Stormwater Engineering Technician as well as a on-call City Engineer (J-U-B Engineers) who works under a four year contract that was let via RSQ on October 13th, 2020 via Resolution #20-037. The on-call City Engineer handles development review as well as design for storm, street, wastewater, and water projects. The Engineering function is supervised by the Public Works Director. Long time Public Works Director Paul Hartwig retired at the end of August 2021. Mr. Robert McAndrews started work as Public Works Director in August 2021. Both the Stormwater Engineering Technician as well as the On Call Contract are under the supervision of Mr. Robert McAndrews – City Public Works Director.

Significant 2021 Activities

- Water System Plan Update
- Wastewater Financial Sustainability Plan (Master Plan)
- Wellhouse Engineering for Drinking Water Well #6 (Maple Ave)
- Local Road Safety Plan
- ADA Transition Plan
- Special Project Support Contract (Safebuilt)
- Staff Support of the Utility and Transportation Advisory Committee
- Begin developing out Iworq system – Asset Management and Street Pavement Inventory
- Complete 4Bikes Fourth (College to Davis) Engineering Design
- Complete Central College Place Sidewalks (SW Davis, SW Bade, SW 12th)
- Complete SE Meadowbrook Blvd Grind & Overlay
- Complete CDBG Storm Drywell Study
- Complete engineering design for Sky Avenue corridor water service adjustment
- Submit TIB grant applications for sidewalks on NE Lambert, NE Ash, and SE Date
- Submit TIB applications grant applications for SE 12th (College to Larch)
- Successfully submit Federal grant application for SW Mojonier Rd construction
- Wrap up construction of Southwest Wastewater Trunk Line and Lift Station 6
- Wrap up engineering for state-mandated Wastewater Treatment Plant Upgrade
- Six-Year Capital and Transportation Improvement Plan Update
- Engineering and funding strategy for Southwest Wastewater Trunk Line project
- NW Destito Ln stormwater design and construction
- Sidewalk engineering for CDBG funded projects (12th, Bade, and Davis)

- Adopted Urban Forestry Mapping and Tree Identification Study for city parks and Federally classified road right-of-way
- Continuing GIS Development
- Hayden Homes Homestead 3D, 3E, and 3F
- Whispering Creek subdivision
- Stepper Addition subdivision
- College Place Public Schools portable installation
- Homestead 3D and 3E
- Tad Sirmon Spitzenberg Development
- Burger King Site Design
- Goodwill Site Design

**Engineering Contracts, Agreements & Amendments Managed
with Finance and Public Works**

1. Safebuilt Homestead Phase 3E Review Amendment
2. Safebuilt Homestead Phase 3D Special Inspection Amendment
3. Safebuilt Fast-track Plan Review Services
4. AWC/Flo Analytics GIS Consortium Contract
5. DOT PHIMA Pipeline Safety GIS Grant Agreement
6. Complete Streets Design and Right-of-way
7. Complete Street Construction Engineering
8. Complete Street Construction
9. CDBG Safewalk Phase 1 Sidewalk Design
10. CDBG Safewalk Phase 1 Sidewalk Construction Engineering
11. CDBG Safewalk Phase 1 Construction
12. CDBG Planning Drywell Study
13. Ecology Stormwater PPE Grant Contract
14. Ecology Stormwater Hardship Contract Grant
15. On-Call Engineering JUB Contract
16. Jacobs Wastewater System Contract
17. Recreation Conservation Office LWCF Lions Park Grant
18. Recreation Conservation Office WWRP Lions Park Grant
19. Recreation Conservation Office YAF Lions Park Grant
20. Sewer lining contract
21. Sherwood Trust Lions Park Grant
22. Southwest Sewer Engineering Contract
23. Southwest Sewer Construction Engineering Contract
24. Southwest Sewer Construction Contract
25. Southwest Sewer Port .09 Grant Contract
26. Southwest Sewer USDA-RD Grant/Loan Agreement
27. Southwest Sewer Ecology Grant/Loan Agreement
28. Wastewater System Sustainability Plan Contract
29. Wastewater Treatment Plant Design
30. Water System Plan Contract
31. Stormwater Plan Finalization Contract
32. TIB Meadowbrook Grant Agreement
33. Meadowbrook Engineering Agreement

34. Meadowbrook Construction Engineering Contract
35. Meadowbrook Construction Contract
36. Wastewater Treatment Plant Design
37. Well #6 Construction Engineering Contract
38. Well #6 Wellhouse Construction Contract
39. DWSRF Well #6 Grant/Loan Agreement
40. MPO Mojonier RD Engineering and Right-of-Way Contract
41. Federal Highway Mojonier Rd Construction Contract

Significant 2022 Activities, Budget Changes and Requests

Beyond the regular activities of the Engineering Department, significant 2021 activities supported by the Engineering department are expected to include:

- Waster Master Plan acceptance by State Department of Health
- Wastewater Financial Sustainability Plan acceptance by State Department of Ecology
- Stormwater NPDES MS4 Permit Execution and Programming
- Grant writing and engineering development of Stormwater Decant Facility
- Lions Park Construction including dealing with pond
- Lions Park outfall improvements
- Wastewater Treatment Plan Design & Begin Construction
- Wrap up outstanding work with Southwest Wastewater Trunk Line and Lift Station Construction
- Sewer Lining
- Assist with pursuit of broadband construction funding
- Engineering of SE Birch Avenue (4th to 6th)
- Engineering of Wastewater Lift Station #5 Replacement (SW 1st) – Public Works Trust Fund
- Engineering of Drinking Water Well #7 (SW Teal) – Public Works Trust Fund
- Engineering of Elevated Water Tank #4 (WTTP) – Public Works Trust Fund
- Sky Avenue water main replacement
- SE 6th water main replacement and block resurfacing (College to Date)
- Develop and refine GIS data and system, including Iworq Asset Management System
- On Call Engineering Contract
- TIB Grant Funded 4Bikes Project (Fourth from Davis to College w/ Pedestrian Lights)
- CDBG Grant Funded Safewalk Sidewalk Construction (SW 6th, SW 8th)
- Stop signs at Whitman & Larch
- Investigate improvements to crosswalk in front of College Place Post Office at 500 S. College Avenue.
- Work with City of Walla Walla on solution to pedestrian crossing issues at Myra Rd and Garrison Village Way
- Adopt findings to College Avenue Transportation Assessment
- Drinking Water Well #6 Wellhouse and equipment Construction
- CIP data acquisition and development.

Sincerely,



Michael Rizzitiello

CITY ADMINISTRATOR