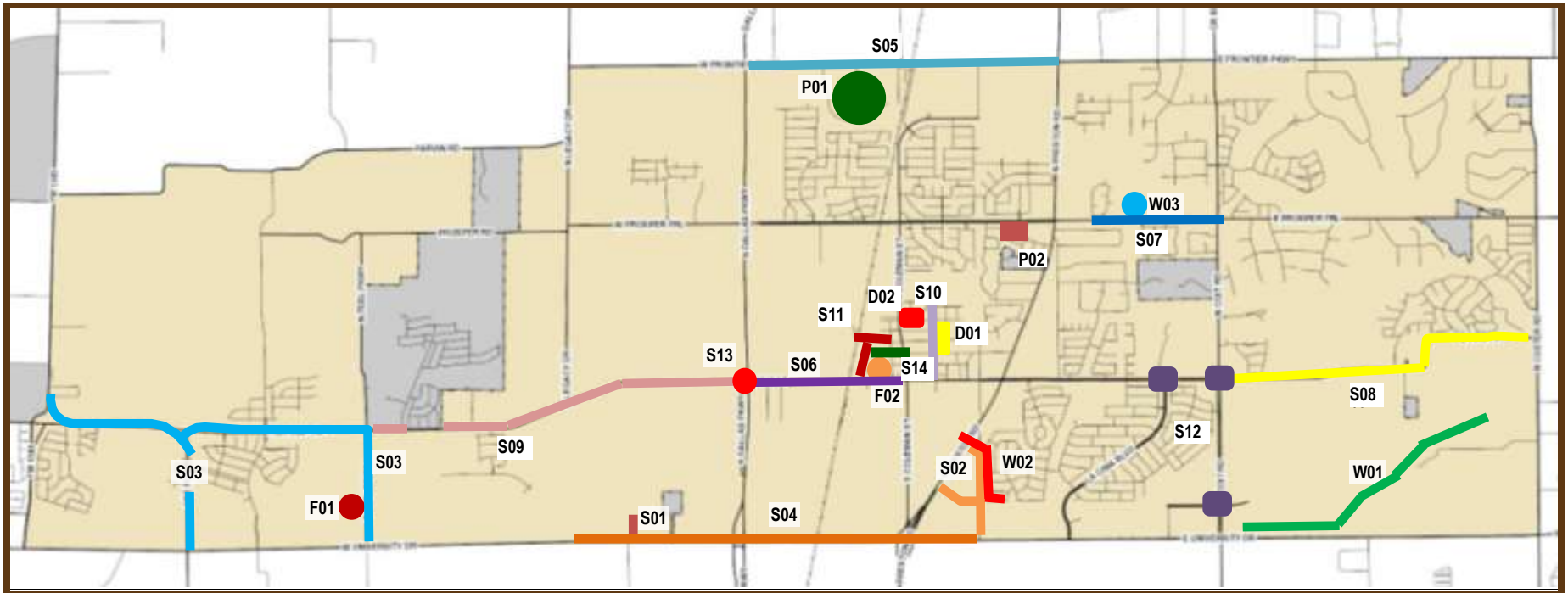
Capital Improvement Program

Week of August 22, 2016

For additional information on any Capital Improvement Project, please contact the Town of Prosper Engineering Department at (972) 346-3502 or engineer@prospertx.gov.



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PARKS

P01 Frontier Park – North Field Improvements

Project Scope:	Construct three new all-weather youth baseball/softball fields and two all-weather multi-purpose fields. Also includes the construction of additional parking lots, bridge over pond with trails and park accoutrements.		
Construction Start Date:	Fall 2016 (estimated)	Engineer:	Dunaway Associates
Construction End Date:	Fall 2017 (estimated)	Contractor:	Dean Construction
Current Phase:	Design 50% Complete	Est. Professional Cost:	$930,000
		Est. Construction Cost:	$9,521,225
		Total Project Cost:	$10,451,225
Status Update:	Staff continues coordinating with designers on proposed improvements. At a special called Council meeting on May 31, 2016, Council approved the expansion of the northwest and southwest youth ballfields from 225' outfields, to 275' outfields. The southwest ballfield center field will be extended further and both fields will have 10'-12' high chain link outfield fencing. The cost for these additions is estimated to not exceed $700,000. The major components of the project are anticipated to be substantially complete for Town's Fall 2017 sports leagues. Staff has received the engineer's 50% plan set and is coordinating comments for 75% submittal September 1, 2016.		

P02 Preston Lakes Playground

Project Scope:	Construct playground in Preston Lakes Park adjacent to existing hike and bike trail.		
Construction Start Date:	November 2016	Designer:	Cody Johnson Studio
Construction End Date:	March 2017 (estimated)	Contractor:	TBD
Current Phase:	Design 50% Complete	Professional Cost:	$4,000
		Est. Construction Cost:	$90,000
		Total Project Cost:	$94,000
Status Update:	Staff working with designer to finalize construction documents and bid specifications. The improvements include a playground, two benches, and two trash receptacles.		

STREETS & TRAFFIC

S01 Mahard Parkway (north of US 380)

Project Scope:	**Developer project.** Construct a new minor arterial roadway to be known as Mahard Parkway north of US 380 to serve new development.		
Construction Start Date:	September 2015	Engineer:	Sanchez & Associates, LLC
Construction End Date:	September 2016	Contractor:	Pavecon Ltd.
Current Phase:	Construction 90% Complete	Estimated Cost:	TBD (Town participation through tax rebates)
Status Update:	Crews have finished paving, inlet crews continue to set up inlet tops and throats. Staff coordinating additional work with TxDOT.		

S02 Richland Boulevard & Lovers Lane (Gates of Prosper)

Project Scope:	**Developer project.** Construct 4-lane minor arterial roadways for Richland Boulevard (Preston Road – Lovers Lane) and Lovers Lane (US HWY 380 – Preston Road) to serve the Gates of Prosper development at the northeast corner of US HWY 380 & Preston Road.		
Construction Start Date:	October 2015	Engineer:	Kimley-Horn & Associates, Inc.
Construction End Date:	October 2016 (estimated)	Contractor:	Mario Sinacola & Sons, Inc.
Current Phase:	Construction 45% Complete	Estimated Cost:	$2,900,000 (Town participation through tax rebates)
Status Update:	Earthwork of the retail development site continues. Crews have begun stabilizing Richland Boulevard. 42" Lower Pressure Plane water line under Lovers Lane (W02) scheduled for construction in September.		

S03 West Prosper Road Improvements

Project Scope:	Construct four-lane (ultimate six-lane) concrete curb & gutter roadway on Gee Road from US HWY 380 to 800 feet north. Construct two-lane (ultimate six-lane) concrete curb & gutter roadways from 800 feet north of US hwy 380 to Fishtrap Road, Fishtrap from Gee to FM1385, and Teel Parkway from US HWY 380 to Fishtrap Road. Construct two-lane (ultimate four-lane) concrete roadway of Fishtrap from Gee Road to Teel Parkway. Construct asphalt road improvements on FM 1385 at Fishtrap Road.		
Construction Start Date:	October 2015	Engineer:	Spiars Engineering, Inc.
Construction End Date:	TBD	Contractor:	Mario Sinacola & Sons, Inc.
Current Phase:	Construction 75% Complete	Total Project Cost:	$12.5 Million (Town Participation $4.2 Million)
Status Update:	Crews have removed old Gee Road asphalt. Town staff is coordinating with TxDOT regarding the approval process for the realignment of FM 1385 at Fishtrap Road and approval of $4 million in Regional Toll Revenue financing for this project.		

S04	**US 380 (Denton County Line – Lovers Lane)**			
	Project Scope:	**TxDOT project.** Improve four-lane undivided rural roadway to a six-lane suburban freeway with frontage roads in each direction between the Denton County Line and Lovers Lane. Through traffic on US HWY 380 will bypass the SH 289 and Dallas Parkway intersections when completed.		
	Construction Start Date:	January 2016	Engineer:	TxDOT In-House
	Construction End Date:	3rd Quarter 2018 (estimated)	Contractor:	Mario Sinacola & Sons, Inc.
	Current Phase:	Construction 17% Complete	Total Project Cost:	$71 Million (Town Participation $0)
	Status Update:	Crews have hung bridge beams at BNSF overpass and are preparing for bridge deck construction. Steel has been delivered for concrete pavement, anticipate beginning pouring next week. Utility crews working on drainage improvements east of Preston. Temporary signals on north and southbound Preston ramps have been constructed. The entire project is expected to take 24-30 months to complete. TxDOT Project Tracker: http://apps.dot.state.tx.us/apps-cq/project_tracker/		
S05	**Frontier Parkway (DNT – Preston Road)**			
	Project Scope:	**Collin County project.** Improve two-lane rural roadway to a four-lane (ultimate six-lane) divided suburban arterial between the Dallas North Tollway and Preston Road, including an overpass over the BNSF Railroad. A two-lane access road will be provided to the north of the overpass to provide access to properties in Celina.		
	Construction Start Date:	TBD	Engineer:	Birkhoff Hendricks & Carter, LLP
	Construction End Date:	TBD	Contractor:	TBD
	Current Phase:	Planning	Total Project Cost:	$16 Million (Town Participation $3.65 Million)
	Status Update:	The Town of Prosper and the City of Celina both approved Resolutions supporting the project on January 12, 2016. Collin County will manage the design and construction of the project. A timeline for construction has not yet been determined.		
S06	**First Street (DNT – Coleman Street)**			
	Project Scope:	Improve two-lane rural roadway to a four-lane divided suburban arterial between the Dallas North Tollway and Coleman Street. Project includes concrete curb and gutter roadway, underground drainage improvements, twelve inch water line, and median lighting.		
	Construction Start Date:	TBD	Engineer:	Graham Associates, Inc.
	Construction End Date:	TBD	Contractor:	TBD
	Current Phase:	Design 60% complete	Est. Professional Cost: Est. Construction Cost: Total Project Cost:	$590,000 $7,650,000 $8,240,000
	Status Update:	Engineer has started revising plans for realignment between BNSF and Coleman Street. Staff anticipates receiving updated exhibits for right-of-way acquisition in August. A timeline for construction to be determined once funding for construction is allocated. Staff coordinating with franchise utilities within the area.		

S07	**Prosper Trail (Kroger - Coit Road)**			
	Project Scope:	Improve two-lane rural roadway to a four-lane divided suburban arterial from 1000' east of Preston Road to Coit Road as well as the Coit and Prosper Trail intersection. Project includes concrete curb and gutter roadway, underground drainage improvements, and median lighting.		
	Construction Start Date:	January 2017 (estimated)	Engineer:	Graham Associates, Inc.
	Construction End Date:	August 2017 (estimated)	Contractor:	TBD
	Current Phase:	Design 70% complete	Est. Professional Cost: Est. Construction Cost: Total Project Cost:	$305,000 $3,975,000 $4,280,000
	Status Update:	Construction proposed to be funded in the FY 2016-2017 budget. Staff anticipates 90% plans this fall.		
S08	**First Street (Townlake Boulevard – Custer Road)**			
	Project Scope:	Resurface existing two lane asphalt road from Townlake intersection to the Custer Road intersection		
	Construction Start Date:	July 2016	Engineer:	In House
	Construction End Date:	September 2016	Contractor:	Pavecon
	Current Phase:	50% Complete	Est. Construction Cost:	$670,000
	Status Update:	Contractor has finished northern half of existing roadway and has begun stabilization process on southern half. Crews are expected to begin placing asphalt next week.		
S09	**Fishtrap Road (Artesia – Dallas Parkway)**			
	Project Scope:	Resurface existing two lane asphalt road from Artesia to the Dallas Parkway		
	Construction Start Date:	June 2016	Engineer:	In House
	Construction End Date:	August 2016	Contractor:	Pavecon
	Current Phase:	98% Complete	Est. Construction Cost:	$1,320,000
	Status Update:	Construction crews have opened Fishtrap to two way traffic. Crews have milled the eastern portion of the First Street intersection and anticipate placing asphalt this week.		
S10	**Church Street (First Street – PISD)**			
	Project Scope:	Reconstruction of existing two lane asphalt road to a concrete roadway without curb and gutter.		
	Construction Start Date:	September 2016	Engineer:	In House
	Construction End Date:	Fall 2016	Contractor:	GRod Construction, LLC.
	Current Phase:	Pre-Construction	Est. Construction Cost:	$700,000
	Status Update:	Council awarded contract to GRod Construction August 9, 2016.		
S11	**Old Town Streets 2015**			
	Project Scope:	Reconstruction of existing two lane asphalt roads to a concrete roadway without curb and gutter (Fifth, McKinley)		
	Construction Start Date:	Winter 2016	Engineer:	Kimley Horn
	Construction End Date:	Spring 2017	Contractor:	TBD
	Current Phase:	Pre-Design	Est. Construction Cost:	$1,044,000
	Status Update:	Staff has received direction to narrow scope of project to Fifth Street and McKinley. Kimley Horn is expected to deliver a revised proposal in August.		

S12	**Decorative Monument Signs**			
	Project Scope:	Construct eight decorative stone and steel signs at La Cima and First (3 EA), First and Coit (2 EA), and Coit and Richland (3 EA) intersections.		
	Construction Start Date:	March 2016	Engineer:	In House
	Construction End Date:	September 2016	Contractor:	Starlight Signs
	Current Phase:	Construction 95% Complete	Total Project Cost:	$130,000
	Status Update:	Crews have completed construction of stone signs, staff working on establishing electrical services.		
S13	**First Street and Dallas Parkway Traffic Signal**			
	Project Scope:	Construct span wire traffic signal at First Street and Dallas Parkway intersection.		
	Construction Start Date:	July 2016	Engineer:	Lee Engineering
	Construction End Date:	August 2016	Contractor:	Durable Specialties
	Current Phase:	99% complete	Total Project Cost:	$120,000
	Status Update:	Signal placed in operation Saturday. Adjustments continue to be made to timing.		
S14	**Broadway – (McKinley to Coleman)**			
	Project Scope:	Reconstruct existing concrete paving to typical downtown section with two lanes of travel, head in parking, and extra wide sidewalks. Project also includes the installation underground drainage, 12" water line, sanitary sewer crossings, landscaping and street lights.		
	Construction Start Date:	Spring 2017 (estimated)	Engineer:	Weir & Associates
	Construction End Date:	Fall 2017 (estimated)	Contractor:	TBD
	Current Phase:	Pre-Design	Est. Total Project Cost:	$1,850,000
	Status Update:	Staff is reviewing design proposal and will bring the design contract for Council consideration at the September 13, 2016, Town Council meeting.		

WATER & WASTEWATER

W01	**Rutherford Branch Sewer Interceptor**			
	Project Scope:	**Developer project.** Construct approximately 2 miles of variable diameter (24-inch to 8-inch) sanitary sewer main along Rutherford Branch to provide sanitary sewer service to a large area of southeast Prosper, between Coit and Custer, south of Richland Boulevard.		
	Construction Start Date:	June 2016	Engineer:	Corwin Engineering
	Construction End Date:	October 2016	Contractor:	Mario Sinacola & Sons
	Current Phase:	92% Complete	Estimated Cost:	$1,080,000
	Status Update:	Contractor finishing final segment of sewer line. Crews will begin to fall back and work on manholes and clean up next week.		
W02	**Lovers Lane Segment – 42" Lower Pressure Plane Water (Gates of Prosper)**			
	Project Scope:	Construct 2400 LF segment of 42" water line under Lovers Lane from Richland Boulevard to Preston Road prior to Developer constructing roadway.		
	Construction Start Date:	September 2016	Engineer:	Freese & Nichols, Inc.
	Construction End Date:	November 2016	Contractor:	Mario Sinacola and Sons
	Current Phase:	Pre-Construction	Estimated Cost:	$900.000
	Status Update:	Bids received July 21, 2016. Council awarded project to Mario Sinacola and Sons August 9, 2016. Anticipate starting construction in September.		
W03	**Prosper Trail Elevated Storage Tank**			
	Project Scope:	Construct a 2 million gallon elevated storage tank (water tower) on the north side of Prosper Trail, midway between Preston Road and Coit Road.		
	Construction Start Date:	January 2016	Engineer:	Brown & Gay Engineers
	Construction End Date:	June 2017 (estimated)	Contractor:	Landmark Structures
	Current Phase:	Construction 60% Complete	Est. Professional Cost: Est. Construction Cost: Total Project Cost:	$517,300 $4,403,300 $4,920,600
	Status Update:	Lower bowl complete. Steel panels for tank construction continue to be assembled on site. All work is anticipated to be complete in June 2017.		

FACILITIES

F01 Windsong Ranch Fire Station

Project Scope:	Construct a second fire station to be located on Teel Parkway between US 380 and Fishtrap Road.		
Construction Start Date:	August 2015	Architect:	Wington Hooker Jeffry Architects
Construction End Date:	September 2016 (estimated)	Contractor:	Pogue Construction Co., LLC
Current Phase:	Construction 98% Complete	Total Project Cost:	$7,500,000
Status Update:	Structure substantially complete, Finish-out crews touching up interior. Furniture scheduled for delivery in two weeks. Hardscape and Landscape improvements have begun.		

F02 Town Hall / Multi-Purpose Facility

Project Scope:	Construct a Town Hall / Multi-Purpose Facility to serve the Town's increasing needs, including administrative offices, council chambers, municipal court, library, multi-purpose rooms, and other functions. Estimated cost includes construction services, equipment, and furniture.		
Construction Start Date:	4th Quarter 2016 (estimated)	Architect (Facility):	Randall Scott Architects
Construction End Date:	1st Quarter 2018 (estimated)	Contractor (Facility):	Pogue Construction Co., LLC
Current Phase:	Design 75% Complete	Est. Professional Cost: Est. Construction Cost: Total Project Cost:	$1,550,000 $20,175,000 $21,725,000
Status Update:	Town Council continues to provide direction regarding scope and timeline of the facility with a move-in goal of 4th Quarter 2017. Council authorized the use of Pogue Construction for Construction Manager At-Risk services on September 8, 2015. 75% Design plans to be provided to Pogue by end of July 2016, for establishment of Guaranteed Maximum Price (GMP). Staff continuing coordination of engineering comments and franchise utilities.		

F02 Town Hall / Infrastructure

Project Scope:	Reconstruction of Main Street (First Street to Broadway) to curb and guttered concrete roadway. Project also constructs additional street within alley easement south of Broadway to Crockett. In addition to pavement, project includes water, sewer, and drainage improvements for Town Hall, as well as, lighting and landscaping improvements for Main Street.		
Construction Start Date:	September 2016	Engineer (Infrastructure):	Teague Nall and Perkins, Inc.
Construction End Date:	Summer 2017	Contractor (Infrastructure):	TBD
Current Phase:	Award	Est. Professional Cost: Est. Construction Cost: Total Project Cost:	$184,000 $1,091,000 $1,275,000
Status Update:	Bids opened August 4, 2016. Award of bid will be brought for Council's consideration on September 13, 2016. Discussions with owner of needed ROW continue, AT&T has begun preliminary work associated with utility relocations. Oncor and Atmos expected to begin relocations in August 2016.		

DRAINAGE

	Church and Parvin Drainage Improvements			
	Project Scope:	Design of underground storm sewer currently flowing through an unimproved alley and across residential lots east between Church Street and Parvin Street, north of Broadway and south of Seventh Street.		
	Construction Start Date:	TBD	Engineer:	Wier & Associates Inc.
	Construction End Date:	TBD	Contractor:	TBD
	Current Phase:	Design	Est. Professional Cost:	$109,500
			Est. Construction Cost:	$390,500
			Total Project Cost:	$500,000
	Status Update:	Design contract approved by Town Council at November 10, 2015, meeting. Engineer continues to develop design options for drainage system. Staff working on appraisal for possible property acquisition.		
D02	**Hawk Ridge Drainage Improvements**			
	Project Scope:	Construction of retaining walls and 200 feet of concrete flume between Hawk Ridge and Seventh Street properties.		
	Construction Start Date:	March 2016	Engineer:	Wier & Associates Inc.
	Construction End Date:	September 2016	Contractor:	Gilco Construction
	Current Phase:	Construction 95% Complete	Total Project Cost:	$120,000
	Status Update:	Crews have finished construction of retaining walls. Contractor continues cleanup.		