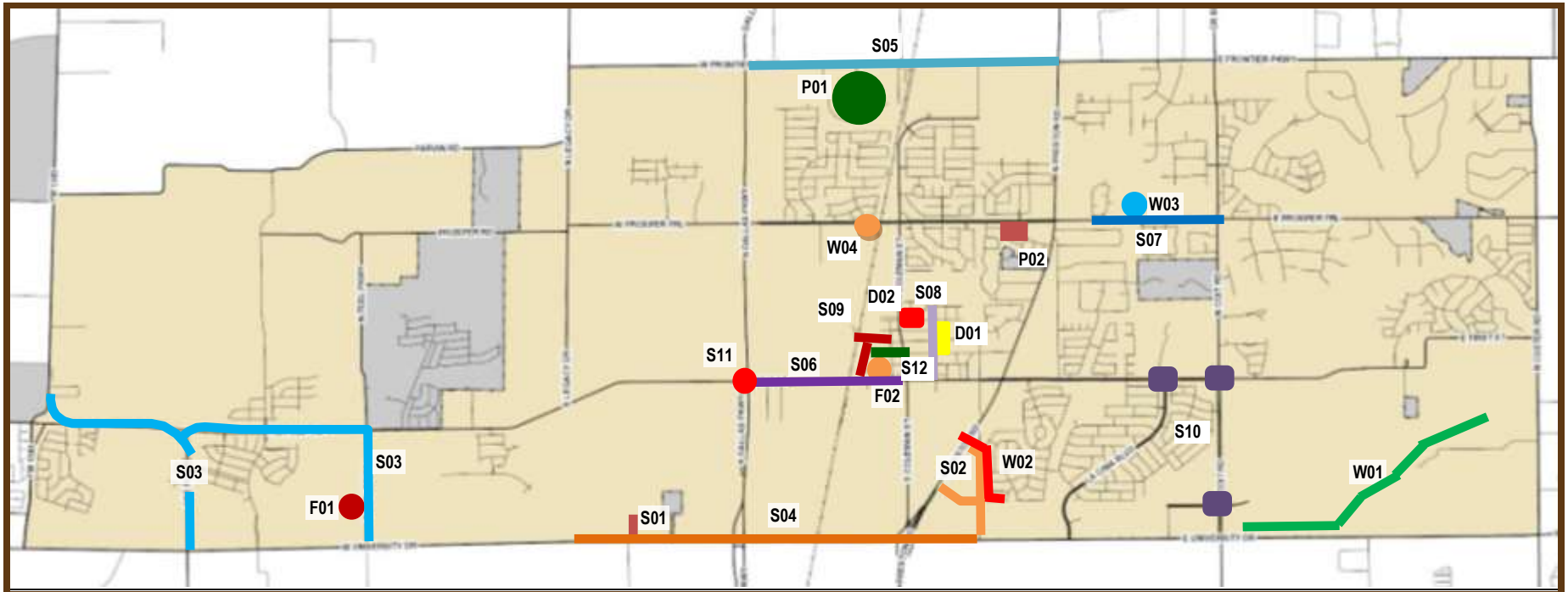
TOWN OF PROSPER
"A Place Where Everyone Matters"

Capital Improvement Program

Week of September 26, 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 Projects (Page 2)
P01 – Frontier Park – North Field Improvements
P02 – Preston Lakes Playground

Street & Traffic Projects (Page 3):
S01 – Mahard Parkway (north of US 380)
S02 – Richland Boulevard & Lovers Lane
S03 – West Prosper Road Improvements
S04 – US 380 (Denton County Line – Lovers Lane)
S05 – Frontier Parkway (DNT – Preston Road)
S06 – First Street (DNT – Coleman Street)
S07 – Prosper Trail (Kroger – Coit Road)
S08 - Church Street (First Street – 8th Street)
S09 – Old Town Streets 2015
S10 – Decorative Monument Signs
S11 – First and DNT Traffic Signal
S12 – Broadway (McKinley–Coleman)

Water & Wastewater Projects (Page 8):
W01 – Rutherford Branch Sanitary Sewer Interceptor
W02 – 42" Lower Pressure Plane at Lovers Lane
W03 – Prosper Trail Elevated Storage Tank
W04 – Prosper Trail PRV

Facility Projects (Page 9):
F01 – Windsong Ranch Fire Station
F02 – Town Hall / Multi-Purpose Facility

Drainage Projects (Page 10):
D01 – Church and Parvin Drainage Improvements
D02 – Hawk Ridge Drainage Improvements

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 100% Complete	Professional Cost:	$4,000
		Est. Construction Cost:	$90,000
		Total Project Cost:	$94,000
Status Update:	Staff received 100% plans from the designer. The improvements include a playground, two benches, and two trash receptacles. Finalizing bid packet to be advertised for bid.		

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:	Fall 2016 (estimated)	Contractor:	Pavecon Ltd.
Current Phase:	Construction 97% Complete	Estimated Cost:	TBD (Town participation through tax rebates)
Status Update:	Contractor waiting on pole relocation/removal by CoServ to finish one panel of pavement.		

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:	December 2016 (estimated)	Contractor:	Mario Sinacola & Sons, Inc.
Current Phase:	Construction 55% Complete	Estimated Cost:	$2,900,000 (Town participation through tax rebates)
Status Update:	Earthwork and drainage work on the retail development site continues. Crews have excavated decel lanes and turn lanes on Richland for concrete. Oncor continues to work on relocating electrical facilities for the construction of Lovers Lane. The 42" Lower Pressure Plane water line under Lovers Lane (W02) is scheduled to begin construction in November.		

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 87% Complete	Total Project Cost:	$12.5 Million (Town Participation $4.2 Million)
Status Update:	Crews have finished paving turn lanes and median openings on Gee Road. Structure crews have finished construction of inlet tops on Teel Parkway and will begin throats when weather permits. Paving crews finished one entrance to Fire Station #2 Saturday, and will continue preparation of decel lanes and approaches when weather permits. The completion of Teel is scheduled for the end of October. 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 19% Complete	Total Project Cost:	$71 Million (Town Participation $0)
	Status Update:	Concrete crews are scheduled to complete the concrete paving of the Preston ramps October 3rd and 4th, motorists should anticipate delays while the ramps are closed each day. Utility crews continue to work on finishing drainage improvements at the DNT intersection. 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 70% complete	Est. Professional Cost: Est. Construction Cost: Total Project Cost:	$590,000 $7,650,000 $8,240,000
	Status Update:	Engineer has delivered revised plans for realigning roadway between BNSF and Coleman Street. Staff has begun receiving updated exhibits for right-of-way acquisition. 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 funded in the FY 2016-2017 budget. Staff anticipates 90% plans this fall, and continues to work with franchise utilities on relocating facilities.		
S08	**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:	December 2016	Contractor:	GRod Construction, LLC.
	Current Phase:	Pre-Construction	Est. Construction Cost:	$700,000
	Status Update:	Contractor has begun installation of 8-inch water line between Broadway and 6th Street.		
S09	**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:	Spring 2017	Engineer:	Kimley Horn
	Construction End Date:	Fall 2017	Contractor:	TBD
	Current Phase:	Pre-Design	Est. Construction Cost:	$1,000,000
	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 the first of October 2016.		
S10	**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:	October 2016	Contractor:	Starlight Signs
	Current Phase:	Construction 95% Complete	Total Project Cost:	$130,000
	Status Update:	Staff working on establishing electrical services.		

S11	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:	October 2016	Contractor:	Durable Specialties
	Current Phase:	Substantially Complete	Total Project Cost:	$120,000
	Status Update:	Staff awaiting replacement luminares ahead of final acceptance.		

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:	Design	Est. Total Project Cost:	$1,850,000
	Status Update:	Council approved design contract at the September 13, 2016, Town Council meeting. Surveyors anticipated to begin collecting data when weather permits.		

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:	Substantially Complete	Estimated Cost:	$1,080,000
Status Update:	Contractor finalizing cleanup before final walkthrough.		

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:	November 2016	Engineer:	Freese & Nichols, Inc.
Construction End Date:	January 2017	Contractor:	Mario Sinacola and Sons
Current Phase:	Pre-Construction	Estimated Cost:	$900.000
Status Update:	Council awarded project to Mario Sinacola and Sons August 9, 2016. Fabrication of pipe expected to be complete in early November.		

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 68% Complete	Est. Professional Cost: Est. Construction Cost: Total Project Cost:	$517,300 $4,403,300 $4,920,600
Status Update:	Exterior finish of tank has begun, will continue when weather permits. All work is anticipated to be complete in June 2017.		

W04 Prosper Trail Pressure Reducing Valve (PRV)

Project Scope:	Install a 12" Pressure Reducing Valve on existing water line west of BNSF of Prosper Trail.		
Construction Start Date:	December 2016 (estimated)	Engineer:	Alan Plummer Associates
Construction End Date:	February 2017 (estimated)	Contractor:	TBD
Current Phase:	Bidding	Est. Professional Cost: Est. Construction Cost:	$35,000 $100,000
Status Update:	Project currently bidding. Bid opening scheduled for October 14, 2016		

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:	October 2016 (estimated)	Contractor:	Pogue Construction Co., LLC
Current Phase:	Construction 99% Complete	Total Project Cost:	$7,500,000
Status Update:	Trades working on finalizing touch ups of interior. Landscaping crews to complete remaining work once paving of Teel Parkway is finished.		

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

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:	October 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 $ 2,316,000 $2,500,000
Status Update:	Award of bid will be brought for Council's consideration on September 27, 2016. Funding for this project is from the following CIP projects: $625,000: Main Street (First-Broadway) - (Project 1622-ST). $1,275,000: Town Hall - Offsite Infrastructure - (Project 1514-ST). $600,000: Old Town Drainage - McKinley & Broadway Trunk Main - (Project 1616-DR). Discussions with owner of needed ROW continue, AT&T has begun preliminary work associated with utility relocations. Atmos has relocations project out to bid.		

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:	Summer 2017	Engineer:	Wier & Associates Inc.
	Construction End Date:	Fall 2017	Contractor:	TBD
	Current Phase:	Design	Est. Professional Cost: Est. Construction Cost: Total Project Cost:	$109,500 $390,500 $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:	October 2016	Contractor:	Gilco Construction
	Current Phase:	Construction 99% Complete	Total Project Cost:	$120,000
	Status Update:	Contractor waiting for weather to clear to place erosion control.		