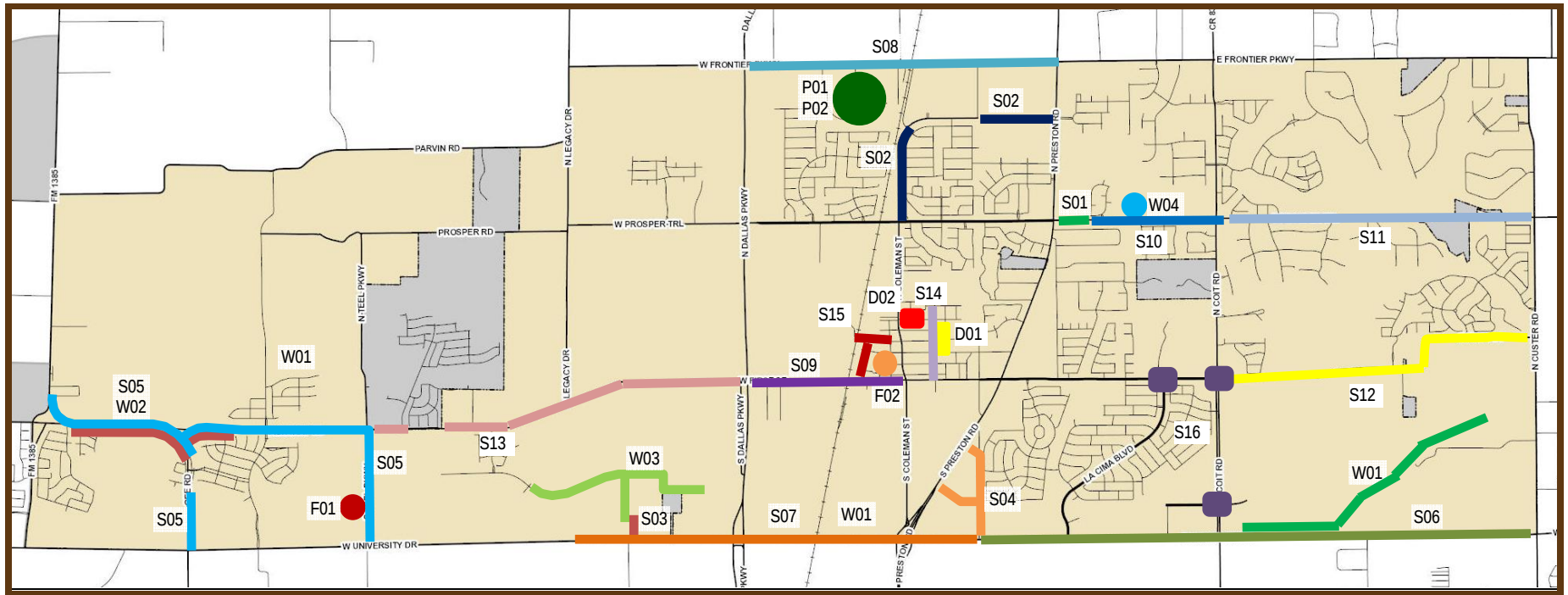
TOWN OF PROSPER
"A Place Where Everyone Matters"

Capital Improvement Program

Week of April 18, 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 – Parking Lot Improvements 2016

Project Scope:	Construct parking lot expansions west of the baseball field complex and south of the baseball field complex. Construct parking modifications near the Windmill Playground and pavilion.		
Construction Start Date:	December 2015	Engineer:	Town In-House
Construction End Date:	April 2016	Contractor:	Quality Excavation, Ltd.
Current Phase:	Construction 95% Complete	Total Project Cost:	$450,000
Status Update:	Installation of lighting began April 18, 2016, and will continue weather permitting.		

P02 Frontier Park – North Field Improvements

Project Scope:	Construct three new all-weather baseball/softball fields and two all-weather soccer/football fields around pavilion. 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:	TBD
Current Phase:	Design 15% Complete	Est. Professional Cost:	$930,000
		Est. Construction Cost:	$8,606,225
		Total Project Cost:	$9,536,225
Status Update:	Staff continues to receive input and coordinate with designers on proposed improvements. Preliminary design scheduled for delivery the week of April 18. Staff reviewing CMAR submissions from six eligible submissions and selection of construction firm tentatively scheduled for April 26th Town Council meeting. The major components of the project are anticipated to be substantially complete prior to Fall 2017 so that the facility can be utilized by the Town's sports leagues beginning in their Fall 2017 season.		

STREETS & TRAFFIC

S01 Prosper Trail (Kroger)

Project Scope:	**Developer project.** Construct 1000' of four-lane divided roadway east of Preston Road.		
Construction Start Date:	July 2015	Engineer:	Winkelmann & Associates
Construction End Date:	April 2016	Contractor:	McMahon Contracting
Current Phase:	Construction Complete	Total Project Cost:	$1,084,933 (Town participation through fee credits)
Status Update:	Crews working on completing punch list items for final acceptance.		

S02 Coleman Street (Prosper Trail – Preston Road)

Project Scope:	Construct two lanes of an ultimate 4-lane divided roadway from Prosper Trail to Preston Road. Project includes concrete pavement, underground drainage, a traffic signal at Prosper Trail, and a segment of 16-inch water line. The project is divided into two phases: Phase 1 includes work from Prosper Trail to PHS and Phase 2 includes work from PHS to Preston Road.		
Construction Start Date:	Phase 1: March 2015 Phase 2: December 2015	Engineer:	Kimley-Horn and Associates, Inc.
Construction End Date:	Phase 1: September 2015 Phase 2: April 2016	Contractor:	Phase 1: Tiseo Paving Co. Phase 2: Tiseo Paving Co.
Current Phase:	Phase 1: Construction Complete Phase 2: Construction 99% Complete	Total Project Cost:	$4,400,000 (Collin County Participation $1,412,500)
Status Update:	Handrail on Preston headwall rescheduled for installation this week, weather permitting.		

S03 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:	Summer 2016	Contractor:	Pavecon Ltd.
Current Phase:	Construction 40% Complete	Estimated Cost:	TBD (Town participation through tax rebates)
Status Update:	Grading work and utility construction 90% complete. Construction is anticipated to be complete in Summer 2016.		

S04 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 380 – Preston Road) to serve the Gates of Prosper development at the northeast corner of US 380 & Preston Road.		
Construction Start Date:	October 2015	Engineer:	Kimley-Horn & Associates, Inc.
Construction End Date:	July 2016 (estimated)	Contractor:	Mario Sinacola & Sons, Inc.
Current Phase:	Construction 25% Complete	Estimated Cost:	$2,900,000 (Town participation through tax rebates)
Status Update:	Earthwork, including mass-grading of the retail development site continues. Water line improvements are complete and drainage work has begun. Freese & Nichols working on design of 42" Lower Pressure Plane water line to be installed prior to paving operations. Electrical services for median lighting, signals, irrigation, and signage finalized, coordinating with Oncor for service.		

S05	West Prosper Road Improvements			
	Project Scope:	Construct four-lane (ultimate six-lane) concrete curb & gutter roadway on Gee Road from US 380 to 800 feet north. Construct two-lane (ultimate six-lane) concrete curb & gutter roadways on Gee Road from 800 feet north of US 380 to Fishtrap Road, Fishtrap Road from Gee Road to FM 1385, and Teel Parkway from US 380 to Fishtrap Road. Construct two-lane (ultimate four-lane) concrete curb & gutter roadway on Fishtrap Road 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 35% Complete	Total Project Cost:	$12.5 Million (Town Participation $4.2 Million)
	Status Update:	Weather permitting, structure crews continue to work on large culverts on Teel Parkway and Gee Road. Rough grading and moisture conditioning continue on Teel Parkway as contractor begins placement of drainage pipe. Current work on Gee, Fishtrap, and Teel is anticipated to be complete in 3rd Quarter 2016. Town staff is coordinating with TxDOT regarding the approval process for the realignment of FM 1385 at Fishtrap Road. Town staff is coordinating with TxDOT regarding final approval of $4 million in Regional Toll Revenue financing for this project.		
S06	US 380 (Lovers Lane – Custer Road)			
	Project Scope:	TxDOT project. Improve four-lane undivided rural roadway to six-lane divided suburban roadway between Lovers Lane and Custer Road.		
	Construction Start Date:	September 2014	Engineer:	TxDOT In-House
	Construction End Date:	3rd Quarter 2016 (estimated)	Contractor:	Mario Sinacola & Sons, Inc.
	Current Phase:	Construction 96% Complete	Total Project Cost:	$23 Million (Town Participation $0)
	Status Update:	Concrete crews continue to work on stamped and stained concrete median paving. Dirt crews have finished backfilling medians and sod placement is nearly complete. Asphalt crews have begun placement of final layer on inner lanes and will continue placement when weather improves. Final completion of project is scheduled for the 3rd Quarter 2016. TxDOT Project Tracker: http://apps.dot.state.tx.us/apps-cq/project_tracker/		
S07	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 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 3% Complete	Total Project Cost:	$71 Million (Town Participation $0)
	Status Update:	Retaining wall and bridge construction continues at BNSF overpass. Rough grading continues between Preston and DNT ahead of drainage improvements, weather permitting. 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/		

S08	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.		
S09	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:	$550,000 $7,650,000 $8,200,000
	Status Update:	Staff received 60% submittal and review with Graham Associates February 17, 2016. Staff redirecting Engineer to center proposed roadway alignment on existing property lines between BNSF and Coleman Street. A timeline for construction to be determined once funding for construction is allocated. Staff coordinating with franchise utilities within the area.		
S10	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:	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:	$305,000 $3,975,000 $4,280,000
	Status Update:	A timeline for construction to be determined once funding for construction is allocated.		
S11	Prosper Trail (Coit Road – Custer Road)			
	Project Scope:	Resurface existing two lane asphalt road from the Coit Road intersection to the Custer Road intersection.		
	Construction Start Date:	Late Spring 2016	Engineer:	In House
	Construction End Date:	Summer 2016	Contractor:	TBD
	Current Phase:	Design	Est. Construction Cost:	$272,000
	Status Update:	Public Works Staff working on putting bid package together.		

S12	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:	Late Spring 2016	Engineer:	In House
	Construction End Date:	Summer 2016	Contractor:	TBD
	Current Phase:	Bidding	Est. Construction Cost:	$670,000
	Status Update:	Requests for proposals were received March 31st, 2016. Staff submitting for Council's consideration at the April 26, 2016, Town Council meeting.		
S13	Fishtrap Road (Artesia – Dallas Parkway)			
	Project Scope:	Resurface existing two lane asphalt road from Artesia to the Dallas Parkway		
	Construction Start Date:	Late Spring 2016	Engineer:	In House
	Construction End Date:	Summer 2016	Contractor:	TBD
	Current Phase:	Bidding	Est. Construction Cost:	$1,320,000
	Status Update:	Requests for proposals were received March 31st, 2016. Staff submitting for Council's consideration at the April 26, 2016, Town Council meeting.		
S14	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:	Late Spring 2016	Engineer:	In House
	Construction End Date:	Summer 2016	Contractor:	TBD
	Current Phase:	Design	Est. Construction Cost:	$850,000
	Status Update:	Staff working on putting bid package together.		
S15	Old Town Streets 2015			
	Project Scope:	Reconstruction of existing two lane asphalt roads to a concrete roadway without curb and gutter (Broadway, Fifth, McKinley)		
	Construction Start Date:	Fall 2016	Engineer:	In House
	Construction End Date:	Spring 2017	Contractor:	TBD
	Current Phase:	Design	Est. Construction Cost:	$1,044,000
	Status Update:	Staff working on putting bid package together.		
S15	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:	Summer 2016	Contractor:	Starlight Signs
	Current Phase:	Construction 10% Complete	Total Project Cost:	$130,000
	Status Update:	Contractor preparing to pour foundations this week, weather permitting. Installation of new pull boxes and conduit anticipated to begin next week, weather permitting.		

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:	April 2016	Engineer:	Corwin Engineering
Construction End Date:	October 2016	Contractor:	Mario Sinacola & Sons
Current Phase:	0% Complete	Estimated Cost:	$1,080,000
Status Update:	Pre-construction meeting was held April 5th, contractor anticipates beginning construction in late April, weather permitting.		

W02 Preserve at Doe Creek 24-Inch Water Line

Project Scope:	**Developer project.** Construct a 24-inch diameter water line along Fishtrap Road and Gee Road to provide water service to the Preserve at Doe Creek and Glenbrook Estates subdivisions. The developer will construct the project and the Town will participate in the full cost through Water Impact Fee credits and reimbursement from the Water Impact Fee fund.		
Construction Start Date:	August 2015	Engineer:	Pettit Barraza
Construction End Date:	April 2016	Contractor:	RKM Utility Services
Current Phase:	Construction Complete	Estimated Cost:	$1,000,000 (Fee Credits / Town Reimbursement)
Status Update:	The contractor working on cleanup and punch list items before final acceptance.		

W03 MSW Sanitary Sewer Main

Project Scope:	**Developer project.** Construct an 18-inch, 15-inch, and 10-inch diameter sanitary sewer line north of US 380 and west of the Dallas North Tollway to provide sanitary sewer service to properties in the vicinity of US 380 and the Dallas North Tollway.		
Construction Start Date:	August 2015	Engineer:	Jones & Carter, Inc.
Construction End Date:	July 2016	Contractor:	Louis Contracting.
Current Phase:	Construction 99% Complete	Estimated Cost:	$2,500,000 (Town participation through tax rebates)
Status Update:	Contractor has completed the installation of sewer line. Crews continue to work on clean up.		

W04 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 12% Complete	Est. Professional Cost: Est. Construction Cost: Total Project Cost:	$517,300 $4,403,300 $4,920,600
Status Update:	Contractor has constructed the first level of tower base, working on second level, weather permitting. 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:	August 2016 (estimated)	Contractor:	Pogue Construction Co., LLC
Current Phase:	Construction 45% Complete	Total Project Cost:	$7,500,000
Status Update:	Masonry crews continue CMU construction, weather permitting, steel framing 85% complete.		

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:	3rd Quarter 2016 (estimated)	Architect (Facility):	Randall Scott Architects
Construction End Date:	4th Quarter 2017 (estimated)	Contractor (Facility):	Pogue Construction Co., LLC
Current Phase:	Design 30% 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.		

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:	3rd Quarter 2016 (estimated)	Engineer (Infrastructure):	Teague Nall and Perkins, Inc.
Construction End Date:	3rd Quarter 2016 (estimated)	Contractor (Infrastructure):	TBD
Current Phase:	Design 80% Complete	Est. Professional Cost: Est. Construction Cost: Total Project Cost:	$184,000 $1,091,000 $1,275,000
Status Update:	TNP expected to deliver 90% plans for the offsite infrastructure April 24th. Staff working on ROW acquisition and franchise utility relocations necessary for infrastructure improvements.		

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. Surveyors awaiting permission from property owners, anticipate to begin gathering datum in April.		
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:	June 2016 (estimated)	Contractor:	Gilco Construction
	Current Phase:	Construction 15% Complete	Total Project Cost:	$120,000
	Status Update:	Engineer has revised plans to accommodate underground electrical services. Staff currently working on construction alternatives to facilitate construction.		