

**Annual Work Plan
2016
Bell County Road and Bridge Department**

PRECINCT 1

PROJECT NAME	SCOPE OF WORK	TRAFFIC	LENGTH	PAVE WIDTH	MATERIAL (ORIG)	ROW EST	UTIL	REMARKS	Construction	Status
Description (<i>Limits</i>)		(ADT)	(mi)	(ft)	BUDGETED	BUDGETED	BUDGETED		% Complete	
N Harber Rd. (Hackberry southward to end of Malicot Property)	New construction- Northern end of gravel section - Alignment, 60' Row, Base, Pave 2500', Structures	-	0.47	20	\$15,000	-	-		20%	60' wide ROW acquired 10-2014. Vegetation has been cleared.1-15-16 Construction underway.
N Harber Rd. (Malicot property southward to South Darrs Creek Bridge)	New construction- Alignment, 60' Row, Base, Pave last section in middle, Structures	-	0.85	20	\$27,000	\$30,000	\$40,000	ROW and utilities must be acquired.	0%	
Lindemann Rd (Harber E to MB10875)	Full depth restoration- (1 section) Pulverize 6" deep and process with soil stabilizer, add 7" of new flex base, prime, and seal coat 1 crse		0.90	22	\$41,843	-	-	No ROW required	0%	
Old 95 (curve south of Barnhardt Rd)	New Construction- Obtain ROW to improve the horizontal alignment of a section of roadway.		0.32	22	\$20,000	\$20,000	\$10,000	ROW and utility relocation required.	0%	Focus on ROW in 2016
Holt Rd (at Pennington Branch)	Replace existing low water crossing at creek. Construct a 3-8'x6'x30' box culvert. Improve side road ditches and edge drop offs in the vicinity.		0.09	20	\$18,500	-	-	Requires ROW to raise the road. Low water crossing hydraulics is a DA= 2.78 sq. mi and a Q10 = 951 cfs. New box will raise roadway and allow water to pass designed to a 10 yr storm.	0%	
Inactive Projects										
Sparta Rd. (FM 439 to West 1 mile)	New Construction- alignment & ROW	-		22				New Alignment	0%	
Romberg Road @ Darrs Creek (Structure No. 51)	Structure Replacement	-	0.10	28 / 60	\$75,000	\$2,500	-	Replace 30' Bridge Span with 120' pan girder bridge	0%	10-21-09 Site visit. Banks are high and eroded. ROW is skewed to the west side. Alignment requires bridge to be extended toward the north. ROW is needed to improve the side slopes on the east side. This project is not feasible until we can determine if ROW is obtainable.

PRECINCT 1 Summary

Prct \$ Budget \$1,064,753

	Seal Coat miles	Paved miles in Pct	% seal
SEAL COAT & LEVEL UP=	25.17	195.49	12.88%

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PRECINCT 2

PROJECT NAME	SCOPE OF WORK	TRAFFIC	LENGTH	PAVE WIDTH	MATERIAL (ORIG)	ROW EST	UTIL	REMARKS	Construction	Status
Description (Limits)		(ADT)	(ft)	(ft)	BUDGETED	BUDGETED	BUDGETED		% Complete	
E. Amity @ Salado Creek (Str No. 60)	Bridge Construction- TxDOT OSB program for replacement of existing culvert. Remove low water crossing, construct new bridge and approaches.	735	800	28	-	\$30,000	\$70,000		0%	10-05-09 Submitted response letter to TxDOT outlining our priority for this OSB project. It is considered for the 2011-2015 program by TxDOT. SR is in 40s. 1-26-15 meeting on 60% set of PS&E. Utility and Deed research to begin. Goal is begin construction in July 15. Utility verification underway 2-20-15.
Royal (culverts .5 miles west of Blackberry)	Culvert widening- extend two structures by 5' on each side improve safety of roadside.	895	200	24	\$7,297	\$5,000	-	ROW is required. There are 4 owners at estimated cost of \$500 each. Surveying add for \$3000. Utilities unknown at this time.	0%	ROE received. Survey topo and set up ROW needs.
Marie Ln (Blackberry to new subdivision)	New Construction- upgrade existing gravel road to a paved road. Pave gravel road within the existing ROW if not able to purchase 60'	-	2300	20	\$20,917	-	-	Pave within existing ROW. Connect to new subdivision.	0%	A new subdivision is planned at the end of the existing gravel road.

Inactive Projects

Chaparral Rd (Pct Line E to Harker Heights City Limits)	Shoulder widening- widen shoulder with 6" base, prime & surface to 24' crown width. Repair pavement sections. Seal coat full width. Stripe yellow centerline and white edge stripe.	2464	16843	24	\$159,100	\$20,000	\$15,000	Cost of construction may require the project to be built in 2 sections.	0%	
Rose St (at low water crossing)	Bridge Construction- Improve low water crossing with a 3 span, 90' pan girder bridge or culvert. ROW required.	-	500	20	\$51,000	unknown	unknown	Hydraulic study completed. Evaluate ROW and utility cost for future work.		2-1-12 Commissioner authorized Bryan to pursue contract with engineer for hydraulic study of new bridge. 5-15-13 Hydraulic study completed by KPA. Options are available.
Darrs Creek Rd. @ South Darrs Creek (Str No. 52)	Bridge Construction- Replace southern abutment span with 2-30' pan girder bridge spans.	-		28	\$35,000	-	-	Remove one span on the south abut. Add two spans.	0%	No ROW required 9-20-09 Site visit and evaluation of construction required. Removal of a span is difficult to do with our crews. Demolition would be best by a pro. We are concerned about causing more damage by sliding the deck into a cap. TxDOT has this bridge on their potential OSB program for 2011-2015. We need to hold back on this project and let TxDOT build this one.

PRECINCT 2 Summary

Prc't \$ Budget	\$776,626			
		Seal Coat Miles	Paved miles in Pct	% seal
SEAL COAT & LEVEL UP=		24.28	169.22	14.35%

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PRECINCT 3

PROJECT NAME	SCOPE OF WORK	TRAFFIC	LENGTH	PAVE WIDTH	MATERIAL (ORIG)	ROW EST	UTIL	REMARKS	Construction	STATUS
Description (Limits)		(ADT)	(ft)	(ft)	BUDGETED	BUDGETED	BUDGETED		% Complete	
Stringtown Rd. (Sect A) (Fr SH 3117 E, to 1.0 mile)	Full depth restoration- (1 section) Pulverize 6" deep and process with soil stabilizer, add 6" of new flex base, prime, and seal coat 1 crse	228	2500	20	\$52,000	-	-		50%	
Stringtown Rd. (Sect B) (Fr nr Seaton Rd, west .98 mi)	Full depth restoration- (1 section) Pulverize 6" deep and process with soil stabilizer, add 6" of new flex base, prime, and seal coat 1 crse	228	2500	20	\$50,964	-	-		50%	
Buckhorn Cemetery Rd. (Fr SH 2601 S 1584')	Full depth restoration- (1 section) Pulverize 6" deep and process with soil stabilizer, add 6" of new flex base, prime, and seal coat 1 crse	268	1584	20	\$16,091	-	-		0%	
Oscar School Rd. (Sect A) (Fr Seaton Rd to MB 10114)	Full depth restoration- (1 section) Pulverize 6" deep and process with soil stabilizer, add 6" of new flex base, prime, and seal coat 1 crse	-	8553	20	\$78,827	-	-		50%	
Oscar School Rd. (Sect B) (Fr SH 3117 E, to MB 10114)	Full depth restoration- (1 section) Pulverize 6" deep and process with soil stabilizer, add 6" of new flex base, prime, and seal coat 1 crse	-	7761	20	\$75,420	-	-		50%	

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PRECINCT 3

PROJECT NAME	SCOPE OF WORK	TRAFFIC	LENGTH	PAVE WIDTH	MATERIAL (ORIG)	ROW EST	UTIL	REMARKS	Construction	STATUS
Curtis Williams (Arthur Cemetery NW to 1.27 mi)	Full depth restoration- (1 section) Pulverize 6" deep and process with soil stabilizer, add 7" of new flex base, prime, and seal coat 1 crse	-	6706	20	\$62,160	-	-		0%	
Shiloh (East Big Elm to pavement joint)	Full depth restoration- (1 section) Pulverize 6" deep and process with soil stabilizer, add 7" of new flex base, prime, and seal coat 1 crse	106	2904	20	\$27,300	-	-		0%	
Willow Grove (Southerland N to box culvert)	Full depth restoration- (1 section) Pulverize 6" deep and process with soil stabilizer, add 7" of new flex base, prime, and seal coat 1 crse	118	2746	20	\$25,900	-	-		0%	
Cindy Ln (FM 436 E to end of road)	Full depth restoration- (1 section) Pulverize 6" deep and process with soil stabilizer, add 7" of new flex base, prime, and seal coat 1 crse	-	600	21	\$7,000	-	-		0%	
Pritchard (Reeds Lake N .36 mi toward SH 36)	Full depth restoration- (1 section) Pulverize 6" deep and process with soil stabilizer, add 7" of new flex base, prime, and seal coat 1 crse		1900	20	\$18,426	-	-		75%	

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PRECINCT 3

PROJECT NAME	SCOPE OF WORK	TRAFFIC	LENGTH	PAVE WIDTH	MATERIAL (ORIG)	ROW EST	UTIL	REMARKS	Construction	STATUS
Little Flock (SH 53 S to bridge)	Full depth restoration- (1 section) Pulverize 6" deep and process with soil stabilizer, add 7" of new flex base, prime, and seal coat 1 crse		2112	22	\$21,120	-	-		0%	
Seaton Rd. (FM Oscar School Rd., south to Strington Rd.)	New Construction- Upgrade gravel road to a 20' wide paved road. Obtain 60' ROW and adjust utilities. Pulverize 6" existing gravel and stabilize, add 7" flex base, compact, prime and 1 crse seal coat.	162	4594	20	\$44,810	\$63,540	\$86,300	ROW and utilities must be obtained before construction. ROW+survey \$63,840. Water lines \$66,000. UG telephone = \$20,300. No electric. ROW taking is on west side north of the bridge, and east side south of the bridge. These will be addressed in 2014-15	0%	Focus in 2016 is to finish utilities.
Dove Rd. (Siler Rd, south to 3700')	New Construction- Upgrade gravel road to a 20' wide paved road. Obtain 60' ROW and adjust utilities. Pulverize 6" existing gravel and stabilize, add 7" flex base, compact, prime and 1 crse seal coat.		3700	20	\$36,000	\$15,360	\$0	ROW and utilities must be obtained before construction. ROW \$15,360 for donated land and fence only. Water lines not impacted. Electric relocate 4 poles in existing ROW. ROW taking is on west side and in realigned 40 mph curve.	0%	Focus in 2016 is to obtain property. Surveying and deeds are completed.
Reeds Lake (Knob Hill Rd., west to nr int Reeds Lake Lp.)	New Construction- Upgrade gravel road to a 20' wide paved road. Obtain 60' ROW and adjust utilities. Pulverize 6" existing gravel and stabilize, add 7" flex base, compact, prime and 1 crse seal coat. Widen 1 bridge 8' on downstrm side.		6300	20	\$70,000	\$12,600	\$0	ROW must be obtained before construction. ROW \$12,600 for donated land and fence only. 4" water lines not impacted on south side. No Electric to be relocated. ROW taking is on south side and in realigned 40 mph curve.	0%	Focus in 2016 is to obtain property. Surveying and deeds are completed.

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PROJECT NAME	SCOPE OF WORK	TRAFFIC	LENGTH	PAVE WIDTH	MATERIAL (ORIG)	ROW EST	UTIL	REMARKS	Construction	STATUS
Rabbit Rd (Fr Stallion to Beagle)	Full Depth Reclamation- Pulverize 6", add soil stabilizer, add 7" flex base, surface with PASS emulsion.		1570	22	\$14,929	-	-		0%	
Southerland (N of Moody to curve)	Full Depth Reclamation-(2 sections) Pulverize 6", add soil stabilizer, add 7" flexibase, surface with PASS emulsion.		3222	21	\$28,277					
Franklin (Rock N to end)	Full Depth Reclamation- Pulverize 8", remove 4" subgrade, add 3x5 riprap stone, add soil stabilizer, add 7" flexibase, surface with PASS emulsion.		3643	21	\$58,839					
East Big Elm (Wolf E to past the curve)	Full Depth Reclamation- Pulverize 8",remove 4" subgrade, add 3x5 riprap stone to existing subgrade, add soil stabilizer, add 7" flexibase, surface with PASS emulsion.		3010	21	\$48,902					

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PROJECT NAME	SCOPE OF WORK	TRAFFIC	LENGTH	PAVE WIDTH	MATERIAL (ORIG)	ROW EST	UTIL	REMARKS	Construction	STATUS
Inactive Projects										
Bottoms East Rd. <i>(Arthur Cemetery to Curtis Williams)</i>	<u>New Construction</u> - Upgrade gravel road to a paved road. Obtain new ROW, add 6" flex base, Paving, & Structure	-	5280	20	\$163,000	\$16,000	\$10,000	<u>ROW and utilities</u> must be obtained before construction.	0%	1 Landowner ROW, Project is inactive because of one landowner ROW acquisition problems.
Stone Rd. (Section A) <i>(FM 2904 to Possum Creek Rd)</i>	<u>New Construction</u> - Upgrade gravel road to a 20' wide paved road. Obtain 60' ROW and adjust utilities. Pulverize 6" existing gravel and stabilize, add 7" flex base, compact, prime and 2 crse seal coat.	-	4460	20	\$47,680	\$50,200	\$92,000	<u>ROW and utilities</u> must be obtained before construction. ROW+survey \$50,200. Water line \$44,000. Elec \$48,000. Option for ROW taking is on west side of road. These will be addressed in 2014-15	0%	Project is inactive due to ROW acquisition problems with owner.
Stone Rd. (Section B) <i>(Possum Creek Rd S to Big Elm Creek)</i>	<u>New Construction</u> - Upgrade gravel road to a 20' wide paved road. Obtain 60' ROW and adjust utilities. Pulverize 6" existing gravel and stabilize, add 7" flex base, compact, prime and 2 crse seal coat.	-	4768	20	\$50,939	\$46,740	\$105,000	<u>ROW and utilities</u> must be obtained before construction. ROW+survey \$46,740. Water line \$41,000. Elec \$64,000. Option for ROW taking is on west side of road. These will be addressed in 2014-15	0%	

PRECINCT 3 Summary

Prct \$ Budget \$1,595,864

	Seal Coat miles	Paved miles in Pct	% seal
SEAL COAT & LEVEL UP=	34.72	224.43	15.47%

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PRECINCT 4

PROJECT NAME	SCOPE OF WORK	TRAFFIC	LENGTH	PAVE WIDTH	MATERIAL (ORIG)	ROW EST	UTIL	REMARKS	Construction % Complete	STATUS
Description (Limits)		(ADT)	(ft)	(ft)	BUDGETED	BUDGETED	BUDGETED			
Gann Branch Rd (Maxdale Rd to West End)	New Construction- upgrade existing gravel road to a paved road. 60' ROW, Base & Paving	-	7392	20 / 60	\$64,000	\$31,934	-	ROW and utility relocation required. 2015 priority ROW and utility project in precinct. Est cost of fence is 28K, 6K septic, 15K new barn. Focus on ROW in 2015.	0%	Current expense of survey for deeds is \$6200 paid. ROW obtained from Prairie Haynes Trust was \$15,022 paid. Need to obtain Hammack parcel, offer made \$31,934. No other utilities known.
Mountain Creek Ranch (Mountain Creek, Raspberry, Wilson Branch, Wildhorse, Wildfire, Wildridge, Wild Mountain Rds)	Bridge Construction- Maintain existing gravel road. Realign sections to improve alignment . Replace the existing low water crossing with a bridge at Raspberry @ Wilson Branch of Rocky Creek. Obtain ROW and construct two new structures.	173	15840	20 / 40 Existing	\$75,000	\$15,000	-	ROW and utility relocation required. New alignment may require 2 parcels. Utility location is unknown at this time.	0%	Phase 1 ROW is cleared, road moved to center. Needs structures. 5-22-09 JF & BN met with Chisolm Trail water to start talk for utility and ROW adjustments. 12-1-09 visited culvert sites. Discussed with John F the middle bridge having spalling concrete. We need to plan to construct box culvert next spring or summer. 5-15-10 Order rebar for box. 10-28-10 Wilson Branch Box completed. Next structure may be constructed on west end in 2012. Nothing planned for 2011. Survey and determine ROW for low water crossing and new bridge in 2012.
Inactive Projects										
Chaparral Rd (SH 195 E to Pct Line)	Shoulder widening- widen shoulder with 6" base, prime & surface to 24' crown width. Repair pavement sections. Seal coat full width. Stripe yellow centerline and white edge stripe.	2446	12355	24	\$151,800	\$20,000	\$20,000	Project to be broken into 2 sections for funding. Ph 1, SH 195 to Featherline Rd (2.15 mi). Ph 2, Featherline to Cospers House (.94 mi)	0%	2-23-11 Section may be broken into smaller lengths if needed for budget. JF wants to meet with Killeen before we start and review project, discuss their input.
Iron Bridge Park Ln (FM 2484 N 2000')	New Construction- Increase grade with fill material (borrow), add 6" new flex base, prime, and seal 1 crse. ROW required.	43	1500	20	\$10,275	\$10,000		Need to run a profile and determine if 3' rise is adequate. We may need to get more ROW since front slope will not fit in existing 40' ROW.	0%	Lampasas River backs water onto the low water crossing. Need to raise the grade of the road and repave. Survey for topo and determine how much cost and ROW for project.

PRECINCT 4 Summary

Prct \$ Budget \$487,826

Seal Coat miles Paved miles in Pct % seal

SEAL COAT & LEVEL UP=

14.87 87.31 17.03%