Knox County Capital Projects



Brad Warren PE

Chief Operations Engineer

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Presentation Outline



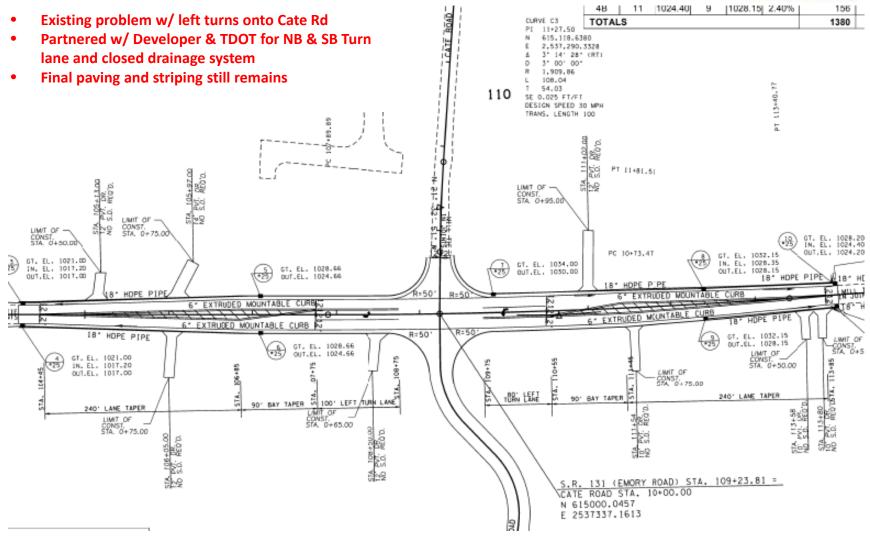
- Introductions / Personal Bio
- Recently Completed Projects
- Projects in Construction Phase
- Future Projects
- Questions

Recently Completed Projects



W. Emory Road & Cate Road



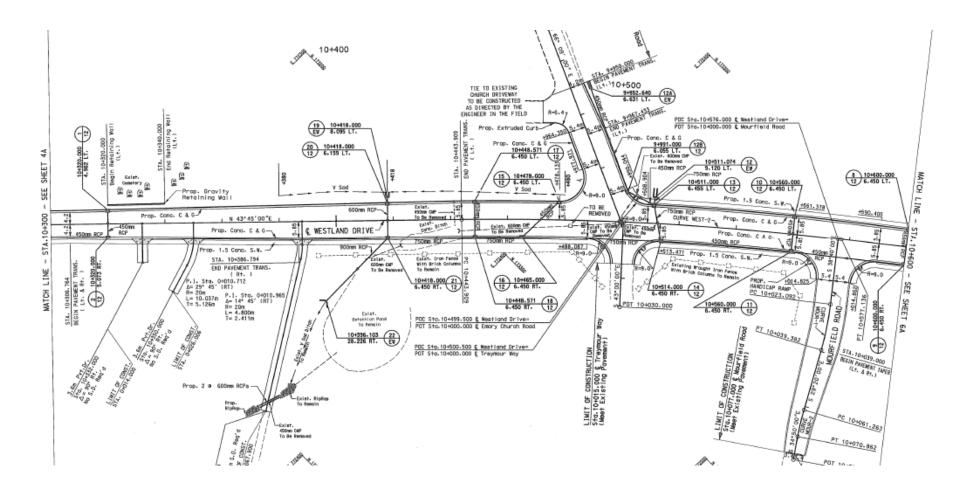


New Subdivision

Westland Drive & Emory Church Road



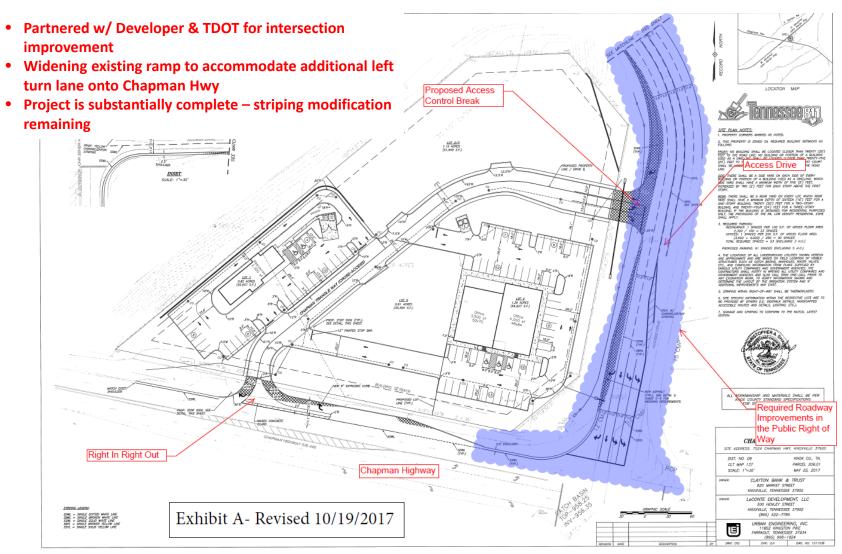
- Partnered w/ Developer to cost share intersection improvement
- Installation of signal, turn lane and curbs
- Complete and operational



Ramp Improvements

Chapman Highway to John Sevier Highway





Projects in Construction Phase

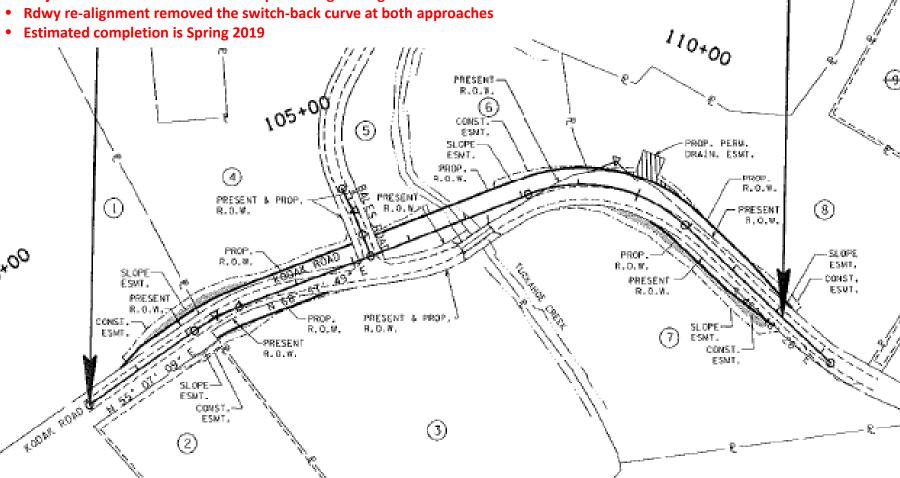


Kodak Road

Bridge Replacement



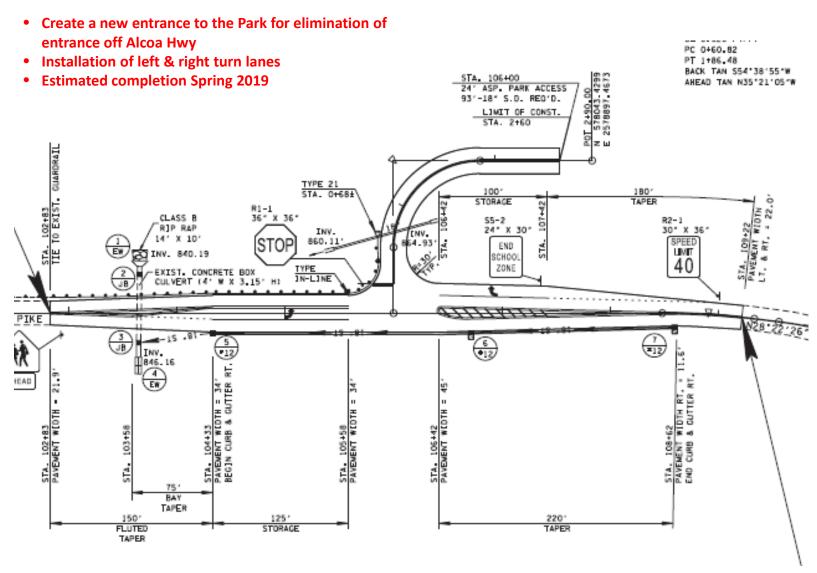
- Bridge replacement & Rdwy re-alignment
- Project was warranted as a result of poor bridge rating from TDOT



IC King Park Turn Lane

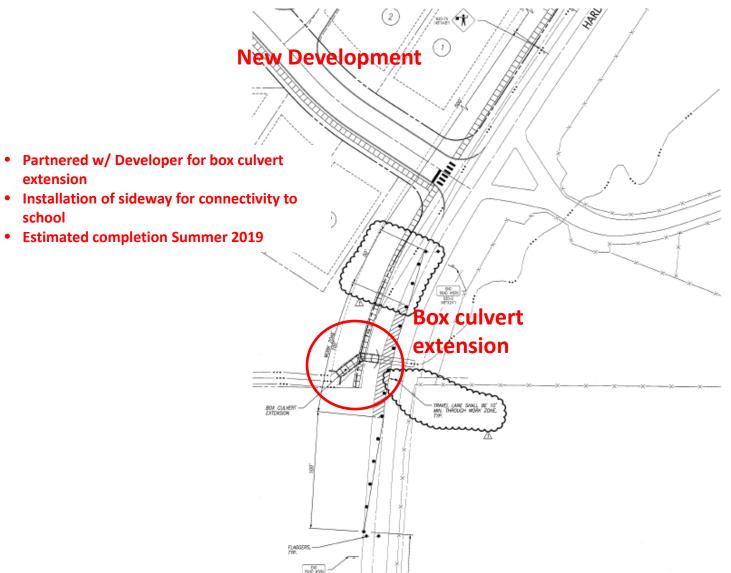
Maryville Pike





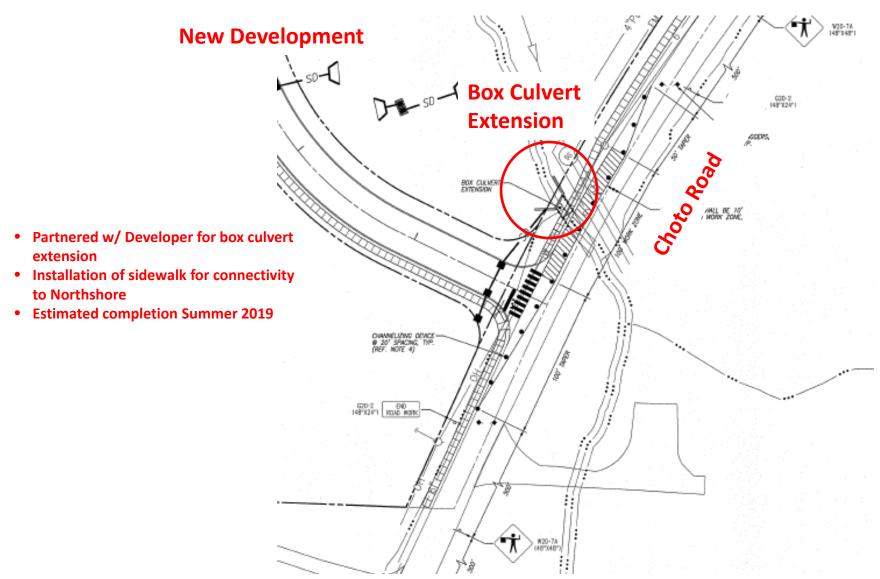
Hardin Valley Road Sidewalk Extension





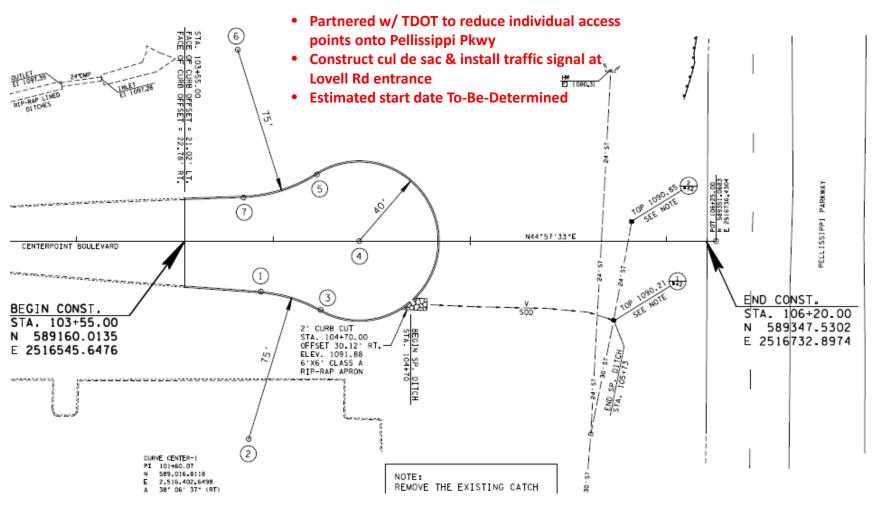
Choto Road Sidewalk Extension





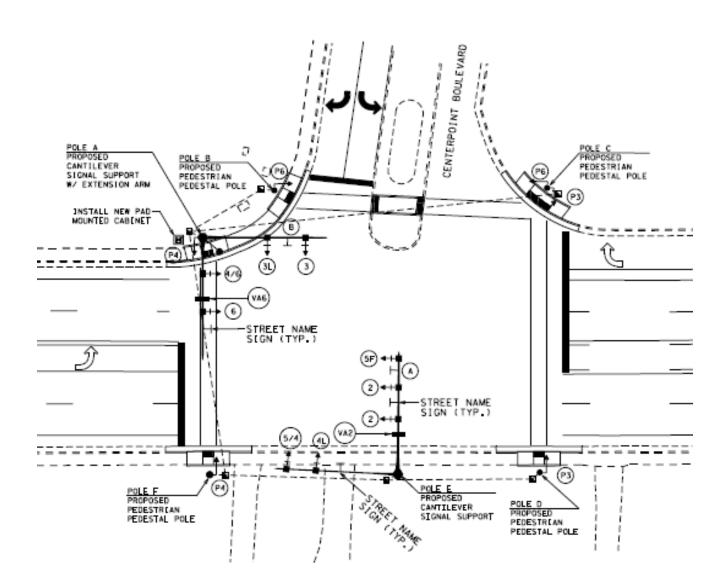
Lovell Road and Centerpoint Boulevard





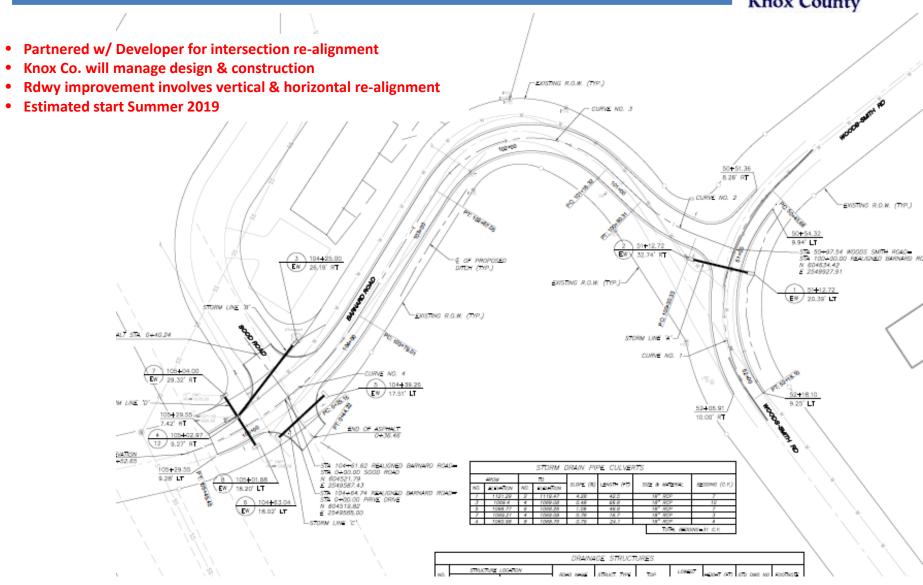
Lovell Road and Centerpoint Boulevard





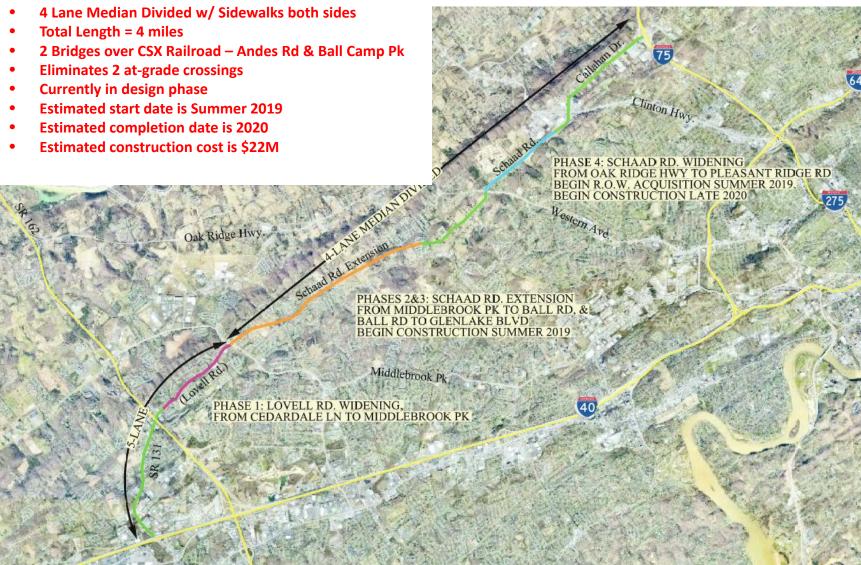
Barnard Road & Woodsmith Road





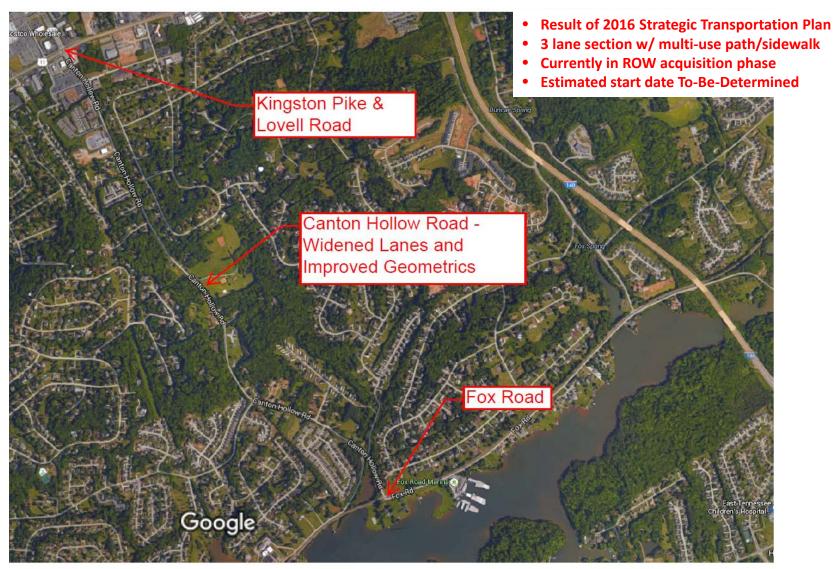
Schaad Road Phases 2-3





Canton Hollow Improvements





Annual Repaving Schedule



									transation of the
	2018-19 Paving List								
					Pounds per SY used for estimate		220		
					Estimated Cost per Ton Used		95		
	Road/Subdivision	<u>Length</u>	Width	<u>From</u>	<u>To</u>	Mix Type	Estimated Milling	Leveling	Estimated Tonage
								*All leveling to be	
								done with C mix*	
istrict 1		0500	4.0	n:		_			4050
ISTRICT 1	Jones Road	9500	16	Ridgeview Road	Washington Pike	D	No	Yes	1858
istrict 2	McCubbins Road	13000	20	Cooper Bood	Strawplains Pike	D	No	Yes	3178
ISTRICT Z	IVICCUBBITIS ROAU	13000	20	Cooper Road	Strawpiains Pike	U	INO	res	31/6
istrict 3	McCammon Road	7700	16	Martin Mill Road	County Line	D	No	Yes	1506
istrict 3	Wiccuminon Noau	7700	10	Wiai tiir iviiii Nodu	County Line	D	NO	163	1300
istrict 3	South Hills Sub								
istrict 3	South Hills Drive	2300	20	Woodson Road	Wells Road	F	No	No	562
istrict 3	East End Road	950	16	Stevens Lane	Wells Road	F	No	No	186
istrict 3	Berry Road	400	16	East End Road	DE DE	F	No	No	78
istrict 3	Wells Road	1900	16	South Hills Road	DE	E	No	No	372
istrict 3	South Forest Drive	650	24	Southdale Road	Wells Road	F	No	No	191
istrict 3	Kemper Lane	500	22	Wells Road	DE DE		No	No	134
istrict 3	Southdale Road	700	24	Mellowood Circle	DE	F	No	No	205
istrict 3	Mellowood Circle	1200	24	South Hills Road	DE	E	No	No	352
istrict 3	Lavendale Circle	800	24	South Hills Road	DE	E	No	No	235
DISCIPLE S	Laveridate Circle	800	24	30uti i iii s Nodu	DE.		NO	NO	233
istrict 4	Gallaher Station Sub								
istrict 4	Gallaher Station Drive	800	26	All		Е	No	No	254
istrict 4	Station View Road	2100	26	All		E	No	No	667
istrict 4	Faircrest Lane	800	26	All		Е	No	No	254
istrict 4	Robins Nest Lane	800	26	All		Е	No	No	254
istrict 4	Spring Haven Lane	600	26	All		Е	No	No	191
istrict 4									
istrict 4	Millstone Sub								
istrict 4	S Cedar Bluff Road	4000	26	All		D	419.47	No	1271
istrict 4	Elkmont Road	5050	26	All		D	529.58	No	1605
strict 4	Abrams Drive	950	26	All		D	99.62	No	302
istrict 4	Snowbird Drive	800	26	All		D	83.89	No	254
istrict 4	Topoco Drive	1200	26	All		D	125.84	No	381
strict 4	Guyot Drive	1350	26	All		D	141.57	No	429
strict 4	Clingman Drive	800	26	All		D	83.89	No	254
istrict 4	Kephard Circle	1000	26	All		D	104.87	No	318
istrict 4									
istrict 4	Whittington Creek	6100	40	Northshore	Northshore	D	984.13	No	2982

Annual Repaving Schedule



District 5	Hardin Valley Farms Sub								
istrict 5	Hardin Farms Lane	1400	26	All		E	No	No	445
strict 5									
trict 5	Rennboro Sub								
trict 5	Rennboro Road	1800	26	All		E	189	No	572
trict 5	Sheretz Court	400	26	All		E	42	No	127
trict 5	Coluzzi Drive	1000	26	All		E	105	No	318
strict 5									
trict 5	Crestwood Heights Sub								
strict 5	Roderick Road	5000	26	All		E	524	No	1589
trict 5	Chicory Circle	450	26	All		E	47	No	143
trict 5	Fernway Drive	500	26	All		E	52	No	159
trict 5	Coral Circle	200	26	All		E	21	No	64
trict 5	Farmington Drive	1825	26	All		E	191	No	580
trict 5	Leyton Drive	850	26	All		E	89	No	270
trict 5	Regent lane	325	26	All		E	34	No	103
trict 5	Corning Road	2450	26	All		E	257	No	779
trict 5	Parrish Road	3150	26	All		E	330	No	1001
trict 5	Farne Island Boulevard	1250	26	All		E	131	No	397
trict 5	Lyme Lane	300	50	All		E	61	No	183
trict 5	Ripon Circle	650	26	All		E	68	No	207
trict 5	Barlow Cicrle	275	26	All		E	29	No	87
trict 5	Stately Circle	350	26	All		E	37	No	111
trict 6	Cate Road	4500	20	W Emory Road	County Line	D	No	Yes	1100
trict 6									
trict 6	Ponderosa Hills Sub								
trict 6	Lula Bell Drive	1600	26	All		E	168	No	508
trict 6	Little Joe Road	750	26	All		E	79	No	238
trict 6	Hoss Road	1350	26	All		E	142	No	429
trict 6	Paradise Drive	3500	26	All		E	367	No	1112
trict 6	Cricket Road	1150	26	All		E	121	No	365
trict 6	Spruceland Road	1475	26	All		E	155	No	469
trict 6	Bonanaza Road	1600	26	All		E	168	No	508
trict 6	Ponderosa Drive	2000	26	All		E	210	No	636
trict 6									
strict 6	Dannaher Drive	950	50	Emory		D	581	No	581
trict 6		330							
trict 6	Connor Road	671	40	Emory		D	328	No	328
trict 6		5/1							
trict 6	Old Callahan	1500	26	Clinton Hwy	City Limits	D		Yes	477
		2300			,				
trict 7	Tell Mynatt Road	8000	20	Maynardville Hwy	Majors Road	D	No	Yes	1956
trict 7	,	0000		,,	,313 11000	ž –			1330
trict 7	Greenwood Forest Sub								
trict 7	Greenwood Road	1400	26	All		F	147	No	445
rict 7	West Garwood Circle	1700	26	All		F	178	No	540
rict 7	East Garwood Circle	1225	26	All		F	128	No	389
rict 7	Gordon Place	850	26	All		F	89	No	270
trict 7	SSI WOIT I IBCC	630	20	OII			05	140	270
trict 7	Fountain Valley Drive	2000	22	Maynardville Hwy	End	D	538	No	538
.ncc /	Fountain Valley Drive	2000	22	iviayilaruville nwy	EIIU	U	536	INO	336
							Total Estimated Tons		36297

Future Projects



Andersonville Pike @ Hill/McCloud Roads





• Re-align intersection w/ roundabout to improve traffic flow

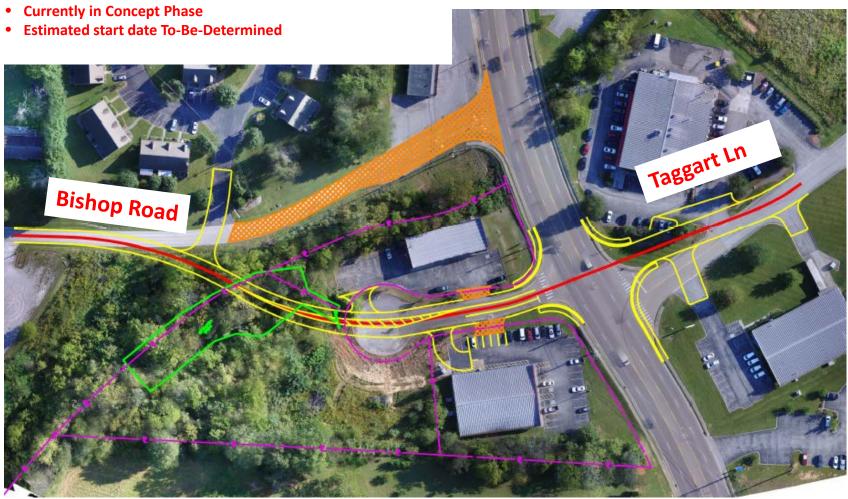


E. Emory Road @

Bishop/Taggart/Norman Jack Lane

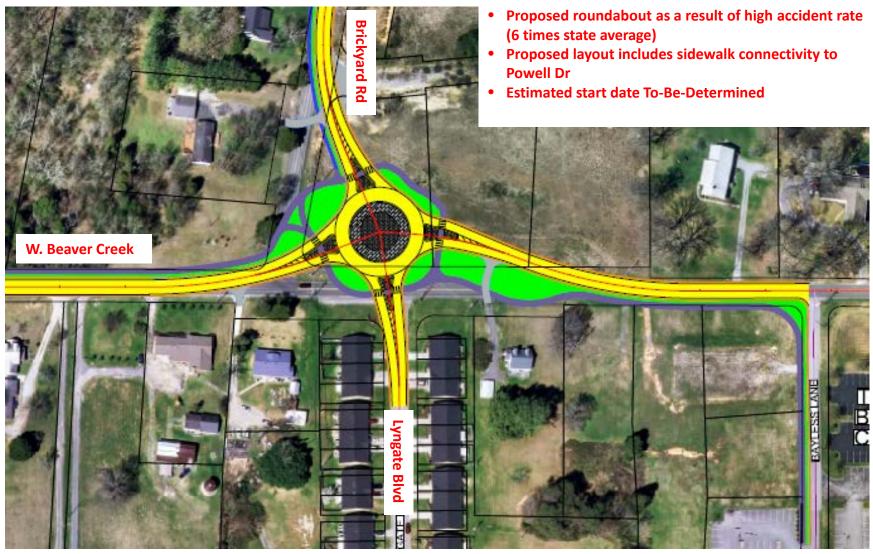


• Partnership w/ TDOT to Re-align intersection & install signal



West Beaver Creek & Brickyard Road

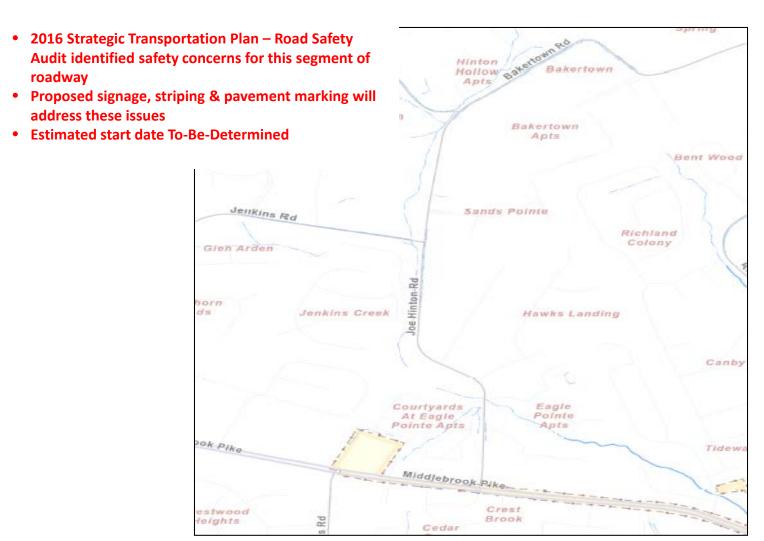




Joe Hinton Road - RSAR

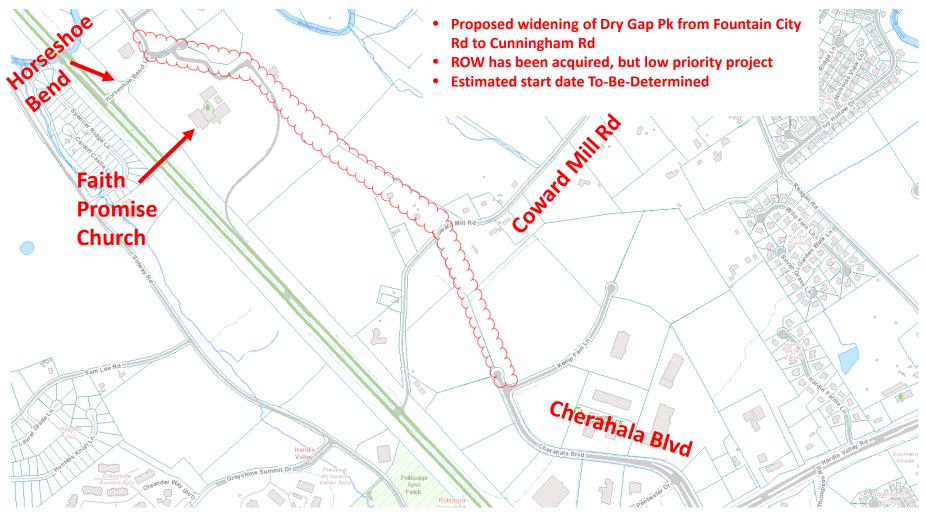
Middlebrook Pike to Bakertown Road





Cherahala Extension

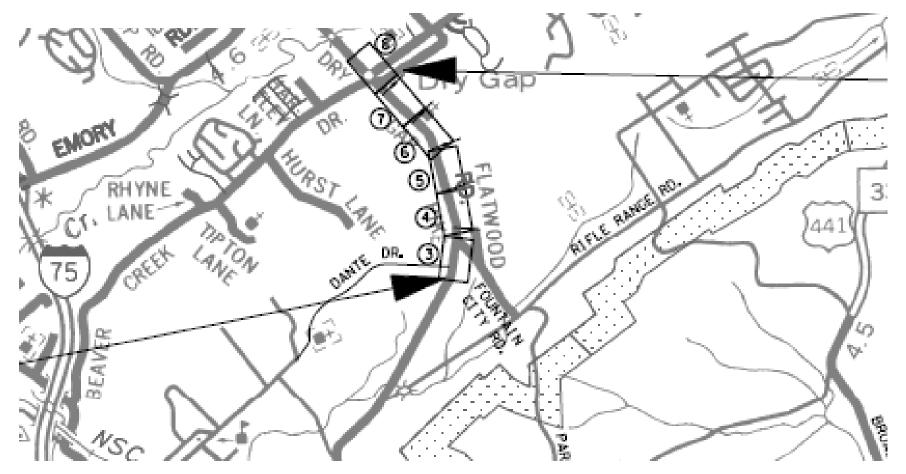




Dry Gap Pike Widening



- Proposed widening of Dry Gap Pk from Fountain City Rd to Cunningham Rd
- ROW has been acquired, but low priority project
- Estimated start date To-Be-Determined



Buttermilk Road Re-Alignment

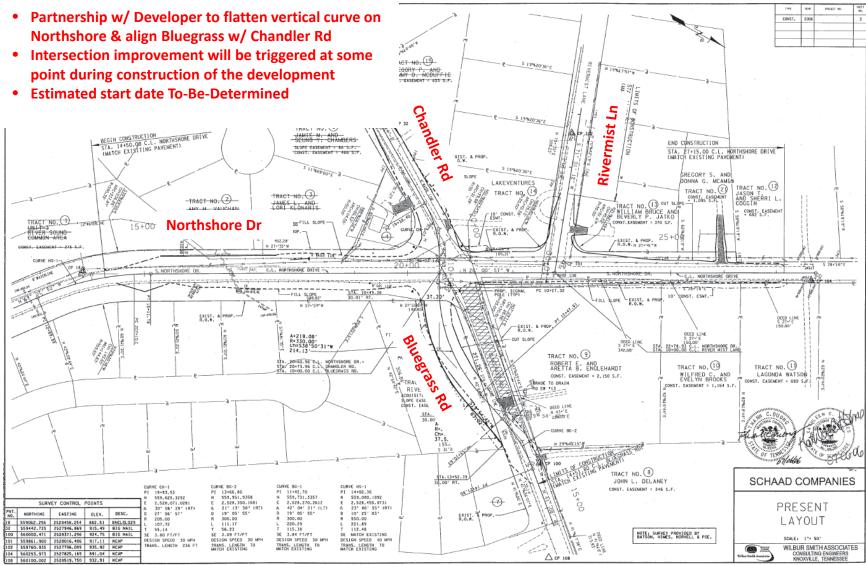


Proposed re-alignment to provide lateral buffer away from slope failure at Vulcan quarry



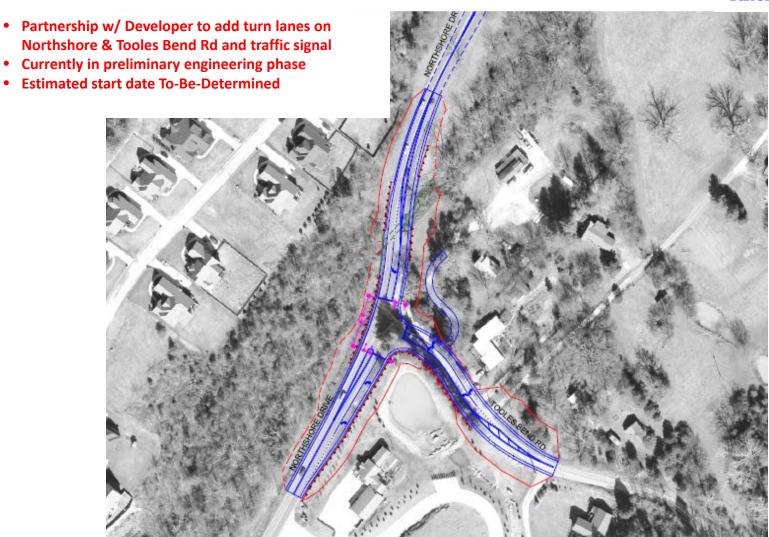
Northshore Drive and Bluegrass Road





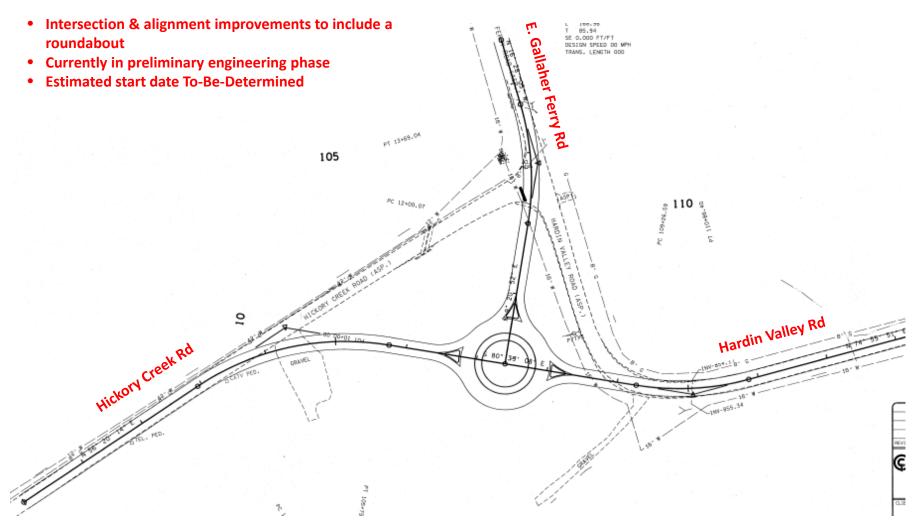
Northshore Drive & Tooles Bend Road





Hardin Valley & Hickory Creek/ E. Gallaher Ferry Road





Questions?