



# **Isothermal Regional Comprehensive Transportation Plan**

*July 15, 2020 Zoom Meeting Agenda*

## **1. Polk County (Morning Session)**

- a. Project List (attached)  
Discussion
- b. Further Discussion  
(including next steps, non-highway, etc.)

## **2. McDowell & Rutherford Counties (Afternoon Session)**

- a. Project List (attached)  
Discussion
- b. Further Discussion  
(including next steps, non-highway, etc.)

## **3. Next meeting**

- a. Non-Highway recommendations
- b. Meeting dates  
Polk County - **August 19<sup>th</sup>**  
Regional - **Sometime in September**



## Polk County

### STIP Projects

#### Notes/Explanations:

**Committed projects** will be funded in first 6 years of STIP (FY20-FY25)

**Carryover projects** are funded in last 4 years of STIP (FY26-FY29) BUT need to be resubmitted

**Unfunded Projects** are in the STIP, but funding is "future years" (FY30+) and will need to be resubmitted

**Not Included Projects** are not in the STIP document at all and will need to be resubmitted

STIP <b>1</b>	I-4729B	<b>NC 108</b>	<u>From:</u> St Luke's Hospital <u>To:</u> Houston Rd/Weaver St in Columbus
	<u>Committed</u>	<b>Description</b>	Add center turn lane and sidewalks within Columbus town limits; replace bridge over I-26 with wider bridge; reconstruct new, wider roundabouts with I-26 ramps
		<b>Schedule</b>	ROW in progress; Construction FY24
STIP <b>2</b>	R-5873	<b>US 74</b>	<u>Interchange:</u> NC 108/Fox Mtn. Rd (Exit 163)
	<u>Committed</u>	<b>Description</b>	Realign US 74 EB off-ramp with US 74 EB on-ramp, improve intersection; Fox Mtn. Rd will have T intersection with NC 108
		<b>Schedule</b>	ROW FY21; Construction FY22
STIP <b>3</b>	R-5840	<b>NC 9</b>	<u>From:</u> NC 108 in Mill Spring <u>To:</u> US 74 (Exit 167)
	<u>Committed</u>	<b>Description</b>	Modernize Roadway: 12' lanes + 6' paved shoulder (NOT adding any lanes); separate/coexistent maintenance project will replace bridge over S. Branch Little White Oak Creek
		<b>Schedule</b>	ROW FY21; Construction FY23




# Isothermal Regional Comprehensive Transportation Plan

Polk County DRAFT CTP Highway Project List - July 15, 2020

## SPOT Projects

These are projects that have been submitted for potential inclusion in the *next* STIP (2023-2032), which is being developed right now. These projects include all STIP projects labelled "Carryover" and "Unfunded", and also includes new projects that can be submitted by the RPO and by NCDOT Division 13.

SPOT <b>1</b>	H141905	<b>US 74</b> <u>From:</u> I-26/US 74 split <u>To:</u> West end of Shelby Bypass in Shelby	<b>Description</b> Upgrade to Interstate standards
SPOT <b>2</b>	H150572	<b>NC 9</b> <u>Intersection</u> with Landrum Rd/Sandy Plains Rd	<b>Description</b> Intersection Improvement
SPOT <b>3</b>	H191392	<b>NC 108</b> <u>Intersection:</u> Harmon Field Rd & Howard Gap Rd	<b>Description</b> Intersection Improvement
SPOT <b>4</b>	H191393	<b>Coxe Rd (SR 1005)</b> <u>Intersection:</u> Pea Ridge Rd & Sandy Plains Rd	<b>Description</b> Intersection Improvement
SPOT <b>5</b>	H191592	<b>NC 108</b> <u>From:</u> Polk Co. Complex  <u>To:</u> NC 9 in Mill Spring	<b>Description</b> Modernize Roadway; <del>add bike lanes</del> & sidewalk



## CTP Projects

These are projects that come from both the Committee and input from the public survey. Any and all projects here can be added/removed by the committee. **THIS LIST IS NOT FINAL AND ALL PROJECTS ARE SUBJECT TO STEERING COMMITTEE AND PUBLIC CONCURRENCE.**

CTP 1	NC 108	<u>Intersections:</u> 1) Old Howard Gaps/Capps Rd/Story Rd & 2) Clarence Rhodes Rd/Lynn P.O.
	Description	Improve Intersection; replace 1952 bridge over N Pacolet River; add turn lane to Old Howard Gap/Capps/Story Rds; add turn lane to Lynn Post Office & Clarence Rhodes Rd
CTP 2	NC 108	<u>Intersection:</u> Skyuka Rd
	Description	Improve Intersection; add turn lane to Skyuka Rd from NC 108 East
CTP 3	NC 108	<u>From:</u> I-26 <u>To:</u> Houston Rd/Walker St in Columbus
	Description	Access Management, particularly around the Food Lion/Weaver St area
CTP 4	NC 9	<u>Intersection:</u> Coxe Rd (SR 1005)
	Description	Improve/realign intersection





## McDowell County

### STIP Projects

#### Notes/Explanations:

**Committed projects** will be funded in first 6 years of STIP (FY20-FY25)

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**Unfunded Projects** are in the STIP, but funding is "future years" (FY30+) and will need to be resubmitted

**Not Included Projects** are not in the STIP document at all and will need to be resubmitted

STIP <b>1</b>	R-0204D	US 221	From: NC 226 south of Marion	To: I-40 (Exit 86)
	<u>Unfunded</u>	<b>Description</b>	Widen to 4 lanes, divided	

STIP <b>2</b>	R-0204E	US 221	From: I-40 (Exit 86)	To: Goose Creek Rd (SR 1153)	
	<u>Committed</u>	<b>Description</b>	Widen to 4 lanes, divided		
		<b>Schedule</b>	As of July 2020: ROW FY21; Construction FY24		

STIP <b>3</b>	R-2596B/C	US 221	From: just south of N Cove School Rd (SR 1569)	To: NC 194 in Avery Co.
	<u>Not Included</u>	<b>Description</b>	Widen to 5 lanes w/center turn lane	

STIP <b>4</b>	R-2597C	US 221	From: Polly Sprout Rd (northern intersection)	To: Goose Creek Rd (SR 1153)
	<u>Unfunded</u>	<b>Description</b>	Widen to 4 lanes, divided	

STIP <b>5</b>	R-5923	NC 226	From: US 221 in north of county	To: NC 226A
	<u>Carryover</u>	<b>Description</b>	Widen to 3 lanes w/center turn lane (ROW in FY29)	

STIP <b>6</b>	U-5835	Rutherford Rd (US 221 Bus.)	From: US 221/NC 226	To: Georgia Ave in Marion	
	<u>Committed</u>	<b>Description</b>	Widen to 3 lanes		
		<b>Schedule</b>	As of July 2020: ROW FY21; Construction FY24		



# Isothermal Regional Comprehensive Transportation Plan

McDowell County DRAFT CTP Highway Project List v2 - July 15, 2020

## SPOT Projects

These are projects that have been submitted for potential inclusion in the *next* STIP (2023-2032), which is being developed right now. These projects include all STIP projects labelled "Carryover" and "Unfunded", and also includes new projects that can be submitted by the RPO and by NCDOT Division 13.

SPOT <b>1</b>	H090846	<b>NC 226</b> <u>From:</u> US 221 in north of county <u>To:</u> Blue Ridge Parkway
		<b>Description</b> Widen to 3 lanes w/center turn lane
SPOT <b>2</b>	H150875	<b>Sugar Hill Rd (SR 1001)</b> <u>Intersection</u> with Dink Cannon Rd
		<b>Description</b> Intersection Improvement
SPOT <b>3</b>	H171075	<b>US 70</b> <u>From:</u> W McDowell Jr. H.S. Rd <u>To:</u> N Main St (US 221 Bus.)
		<b>Description</b> Modernize roadway w/intersection improvements
SPOT <b>4</b>	H191386	<b>W Henderson St</b> <u>From:</u> US 221 (Bypass) <u>To:</u> Burgin St
		<b>Description</b> Road Diet: Reduce from 4 lanes to 3; add sidewalks
SPOT <b>5</b>	H191388	<b>Fleming Ave &amp; Airport Rd</b> <u>From:</u> N Garden St <u>To:</u> Holly St
		<b>Description</b> Modernize Roadway; add bike lanes & sidewalk
SPOT <b>6</b>	H191390	<b>N Main St (US 70/221 Bus.)</b> <u>From:</u> Viewpoint Dr <u>To:</u> US 70/221 Bus. split north of Marion
		<b>Description</b> Road Diet: Reduce from 5 lanes to 4; add sidewalk



## CTP Projects

These are projects that come from both the 2013 McDowell County CTP and the 2015 Marion CTP, along with any other new projects that come from this CTP. Projects here can be added/removed by the committee. Projects #1~3 were from the 2013 CTP, and projects 4~13 were from the 2015 Marion CTP.

CTP 1	<b>Bat Cave Rd (SR 1103)</b> <u>From:</u> I-40 in Old Fort <u>To:</u> Old Fort-Sugar Hill Rd (SR 1135)
	<b>Description</b> Widen to 3 lanes w/center turn lane and curb & gutter; replace bridge over Catawba River



CTP 2	<b>US 221</b> <u>From:</u> Toms Creek Rd (SR 1434) <u>To:</u> NC 226 in north of county
	<b>Description</b> Remove center turn lane and add median

CTP 3	<b>Sugar Hill Rd (SR 1001)</b> <u>From:</u> Goose Creek Rd (SR 1153) <u>To:</u> I-40
	<b>Description</b> Widen to 5 lanes w/center turn lane (coincides with project CTP-7)

Note: the description for this project in version 1 of the document was wrong, and is now corrected.

CTP 4	<b>US 221</b> <u>Interchange:</u> McDowell High School Rd (SR 1301)
	<b>Description</b> New Interchange

CTP 5	<b>New Road</b> <u>From:</u> W McDowell Jr. H.S. Rd <u>To:</u> Roby Conley Rd
	<b>Description</b> New 2-lane connector roadway with 12-ft. lanes

CTP 6	<b>US 70</b> <u>From:</u> Marion W Planning Boundary (Farm Fresh Market) <u>To:</u> W McDowell Jr High School Rd
	<b>Description</b> Widen to 5 lanes w/center turn lane; add right turn lane to W McDowell Jr High School Rd from US 70 East



CTP 7	<b>Sugar Hill Rd (SR 1001)</b> <u>From:</u> Marion S Planning Boundary (S of I-40) <u>To:</u> I-40
	<b>Description</b> Widen to 5 lanes w/center turn lane; add sidewalk (cf. project CTP-3)



**CTP Projects, cont.**

<b>CTP 8</b>	<b>Ashworth Rd (SR 1168)</b>	<u>From:</u> Burma Rd (SR 1169)	<u>To:</u> Shady Ln (SR 1164)
	<b>Description</b>	Modernize Roadway: Widen lanes from 8' → 12' lanes	
<b>CTP 9</b>	<b>Baldwin Ave (SR 1703)</b>	<u>From:</u> Rutherford Rd (US 221 Bus.)	<u>To:</u> E Court St (US 70)
	<b>Description</b>	Modernize Roadway: Widen lanes from 8' → 12' lanes	
<b>CTP 10</b>	<b>Nix Creek Rd (SR 1168)</b>	<u>From:</u> Laurel Crossing Dr	<u>To:</u> US 221
	<b>Description</b>	Modernize Roadway: Widen lanes from 8' → 12' lanes; add sidewalks to both sides	
<b>CTP 11</b>	<b>Reid St (SR 1168)</b>	<u>From:</u> Sugar Hill Rd (SR 1001)	<u>To:</u> Burma Rd (SR 1169)
	<b>Description</b>	Modernize Roadway: Widen lanes from 8' → 12' lanes	
<b>CTP 12</b>	<b>Yancey Rd (SR 1501)</b>	<u>From:</u> Fleming Ave (SR 1500)	<u>To:</u> near Yancey Ridge Ln (NE Planning Boundary of Marion)
	<b>Description</b>	Modernize Roadway: Widen lanes from 8' → 12' lanes	
<b>CTP 13</b>	<b>New Road</b>	<u>From:</u> US 70/US 221 Bus. split	<u>To:</u> NC 226 SE of Marion
	<b>Description</b>	Proposed East bypass of Marion; <u>Check that Marion wants to remove it</u>	





## Rutherford County

### STIP Projects

#### Notes/Explanations:

**Committed projects** will be funded in first 6 years of STIP (FY20-FY25)

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STIP <b>1</b>	R-2597A	US 221	<u>From:</u> Roper Loop Rd (SR 1366) <u>To:</u> Nanney Town Rd (SR 1325)
	<u>Carryover</u>	<b>Description</b>	Widen to 4 lanes, divided (ROW FY29)
STIP <b>2</b>	R-2597B	US 221	<u>From:</u> Nanney Town Rd (SR 1325) <u>To:</u> Polly Spout Rd - North Int.
	<u>Unfunded</u>	<b>Description</b>	Widen to 4 lanes, divided
STIP <b>3</b>	R-5880	US 221	<u>Intersection:</u> Coxe Rd/Thunder Rd (SRs 1005/2201)
	<u>Committed</u>	<b>Description</b>	Intersection Improvement
		<b>Schedule</b>	As of July 2020: ROW FY24; Construction FY25
STIP <b>4</b>	R-5916	NC 108 (Charlotte Rd)	<u>Intersection:</u> S Washington St/Monfredo St/Maple St (NC 108)
	<u>Carryover</u>	<b>Description</b>	Intersection Improvement (ROW FY29)
STIP <b>5</b>	R-5917	US 64/74-A (E Mountain St)	<u>Intersection:</u> N Washington St
	<u>Carryover</u>	<b>Description</b>	Intersection Improvement (ROW FY29)
STIP <b>6</b>	R-5918	E Main St [Spindale] (US 221A/74 Bus.)	<u>Intersection:</u> Oakland Rd/Kentucky St
	<u>Carryover</u>	<b>Description</b>	Intersection Improvement (ROW FY29)





Note: The Rutherford Bypass is not in this list, but is due to start construction FY21 (BB) & FY22 (BA)



## SPOT Projects




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<b>SPOT</b> <b>1</b>	H141905	<b>US 74</b> <u>From:</u> I-26 in Polk Co. <u>To:</u> Shelby Bypass in Cleveland Co.
		<b>Description</b> Upgrade to Interstate standards
<b>SPOT</b> <b>2</b>	H184160	<b>E Main St [Spindale]</b> <u>Intersection</u> with Oak St [Spindale] (US 221A/74 Bus.)
		<b>Description</b> Intersection Improvement
<b>SPOT</b> <b>3</b>	H184164	<b>NC 120</b> <u>Intersection:</u> Old Mooresboro/Franklin/Goode/Race Path Ch. Rds
		<b>Description</b> Intersection Improvement
<b>SPOT</b> <b>4</b>	H184177	<b>Bostic Sunshine Hwy (SR 1006)</b> <u>Intersection:</u> Andrew Mills/Piney Mtn. Ch. & Salem Ch. Rds
		<b>Description</b> Intersection Improvement
<b>SPOT</b> <b>5</b>	H191152	<b>Proposed Lake Lure Pkwy</b> <u>From:</u> Arcade Ave <u>To:</u> US 64/74-A
		<b>Description</b> New roadway to Chimney Rock State Park 
<b>SPOT</b> <b>6</b>	H191338	<b>S Oak St [Spindale] &amp; Thunder Rd</b> <u>From:</u> W Main St [Spindale] (US 221A) <u>To:</u> US 221
		<b>Description</b> Modernize roadway; Intersection improvements at US 74-A & W Main St 

Note: on Version 1 of this document, there was a project SPOT-7 here, but it was a duplicate of SPOT-6. Projects SPOT-8 through SPOT-11 on the next page have been renumbered to SPOT-7 through SPOT-10.



**SPOT Projects, cont.**

SPOT <b>7</b>	H191341	Charlotte Rd (NC 108 & US 221A)	<u>From:</u> Maple St (NC 108)	<u>To:</u> Yelton St in Spindale
		Description	Modernize roadway; add bike lanes & sidewalk	
SPOT <b>8</b>	H191349	Charlotte Rd (NC 108 & US 221A)	<u>Intersections:</u> 1) Main St [Rutherfordton] (US 221); 2) Railroad Ave (US 74-A)	
		Description	Intersection Improvements 	
SPOT <b>9</b>	H191520	W Main St [Forest City] (US 221A)	<u>From:</u> Smith Grove Rd	<u>To:</u> S Church St in Forest City
		Description	Access Management: remove center turn lane and add median; driveway consolidation 	
SPOT <b>10</b>	H191522	Oak St [Forest City]	<u>From:</u> Young St	<u>To:</u> College Ave (US 74-A)
		Description	Access Management: remove center turn lane and add median; pedestrian improvements; traffic signals for business access and pedestrian crossings 	



## CTP Projects

These are projects that come from both the 2018 Rutherford County CTP and the 2013 Lake Lure CTP, along with any other new projects that come from this CTP. Projects here can be added/removed by the committee. Projects #1~8 were from the 2018 CTP, and projects 9~13 were from the 2013 Lake Lure CTP.

CTP 1	<b>Oak St [Forest City]</b>	<u>From:</u> S Broadway St (US 221A)	<u>To:</u> McCall Dr/E Main St [Forest City] (US 74 Bus.) intersection
	<b>Description</b>	New roadway (extension): 4 lane, divided; bike lanes & sidewalk	
CTP 2	<b>US 64</b>	<u>From:</u> Bills Creek Rd (SR 1008)	<u>To:</u> McDowell Co. Line
	<b>Description</b>	Modernize Roadway: add passing lanes, turn lanes, etc.	
CTP 3	<b>Railroad Ave (US 74-A)</b>	<u>From:</u> Main St/Charlotte Rd (US 221A)	<u>To:</u> US 64/74-A (E Mountain St)
	<b>Description</b>	Some form of modernization/intersection improvements (2018 CTP: Widen to 3 lanes w/center turn lane)	
CTP 4	<b>US 74 Bus.</b>	<u>From:</u> S Broadway St (US 221A)	<u>To:</u> Old US 74 Hwy - 1 <sup>st</sup> intersection (SR 1595)
	<b>Description</b>	Widen to 3 lanes w/center turn lane; bike and pedestrian improvements	
CTP 5	<b>Bethany Church Rd &amp; S Church St (SR 2213)</b>	<u>From:</u> Doggett/Piney Ridge Rds (SR 2159)	<u>To:</u> Hardin Rd (SR 2178)
	<b>Description</b>	Widen to 3 x 12-ft lanes w/center turn lane (lanes go from 10'→12')	
CTP 6	<b>Hudlow Rd (SR 1510)</b>	<u>From:</u> W Main St [Forest City] (US 221A)	<u>To:</u> Weatherstone Dr (SR 1604)
	<b>Description</b>	Widen to 3 lanes w/center turn lane	
CTP 7	<b>Laurel Hill Rd (SR 2203)</b>	<u>From:</u> Current south terminus of Laurel Hill Rd	<u>To:</u> Thunder Rd (SR 2201)
	<b>Description</b>	Extension of Laurel Hill Rd from current south terminus; 2-lane road (alignment has changed due to project R-2233BB - Rutherford Bypass)	



## CTP Projects, cont.

Note: Project CTP-8 from the first version of this document was removed, as it became project SPOT-10. The projects CTP-9 through CTP-14 are now projects CTP-8 through CTP-13.

<b>CTP 8</b>	<b>Oakland Rd (SR 2169)</b>	<u>From:</u> Poors Ford/Piney Ridge Rds (SRs 2194/2159)	<u>To:</u> Withrow Rd (SR 2185)
	<b>Description</b>	Add center turn lane; bike improvements	
<b>CTP 9</b>	<b>NC 9</b>	<u>From:</u> US 64/74-A in Lake Lure	<u>To:</u> Polk Co. Line
	<b>Description</b>	Modernize Roadway: Widen lanes from 10' → 11' lanes; add 4' paved shoulder; add sidewalks to both sides between Girl Scout Camp Rd & Island Creek Rd	
<b>CTP 10</b>	<b>Arcade St</b>	<u>From:</u> West end at 64/74-A	<u>To:</u> East end at 64/74-A
	<b>Description</b>	Modernize Roadway: Widen entire length to 2 x 11-ft lanes; add 4' paved shoulder; grassy buffer and sidewalks	
<b>CTP 11</b>	<b>Island Creek Rd (SR 1185)</b>	<u>From:</u> NC 9	<u>To:</u> US 64/74-A
	<b>Description</b>	Modernize Roadway: Widen entire length; lanes from 10' → 11'; proposed bicycle route	
<b>CTP 12</b>	<b>New Road</b>	<u>From:</u> Carsons Way	<u>To:</u> Highland Heights
	<b>Description</b>	Proposed roadway with 2 x 10-ft lanes & 4' paved shoulder to connect to Rumbling Bald Resort	
<b>CTP 13</b>	<b>Proctor Rd</b>	<u>From:</u> Arcade St	<u>To:</u> Proposed Lake Lure Pkwy (see H191152)
	<b>Description</b>	Modernize Roadway: Widen from 1 lane to 2 x 11-ft lanes; add 4' paved shoulder; <u>Check updated alignment of project H191152 before adding to CTP</u>	

