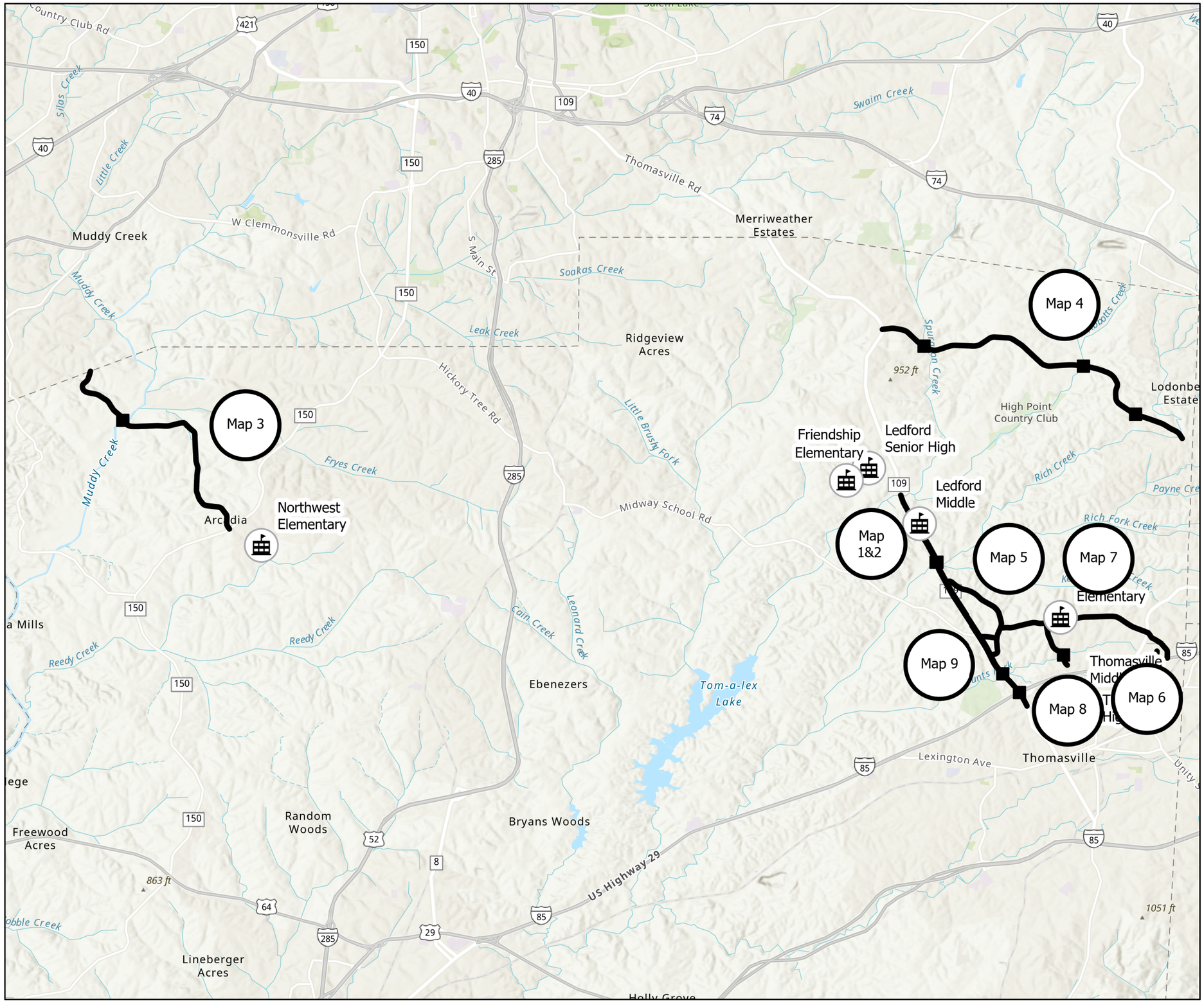
PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	TITLE

Map 1 NC109NB
Map 2 NC109SB
Map 3 SR1493 Frye Bridge Rd
Map 4 SR1741 Wallburg-High Point Rd
Map 5 SR3056 Scenic Way
Map 6 SR1770 N Albertson Rd
Map 7 SR1772 Hasty School Rd
Map 8 SR1781 Will Johnson Rd
Map 9 SR1800 Midway School Rd



Legend

- Davidson_2025
- PublicSchool selection 1
- NCDOTStructureLocations selection 1

N

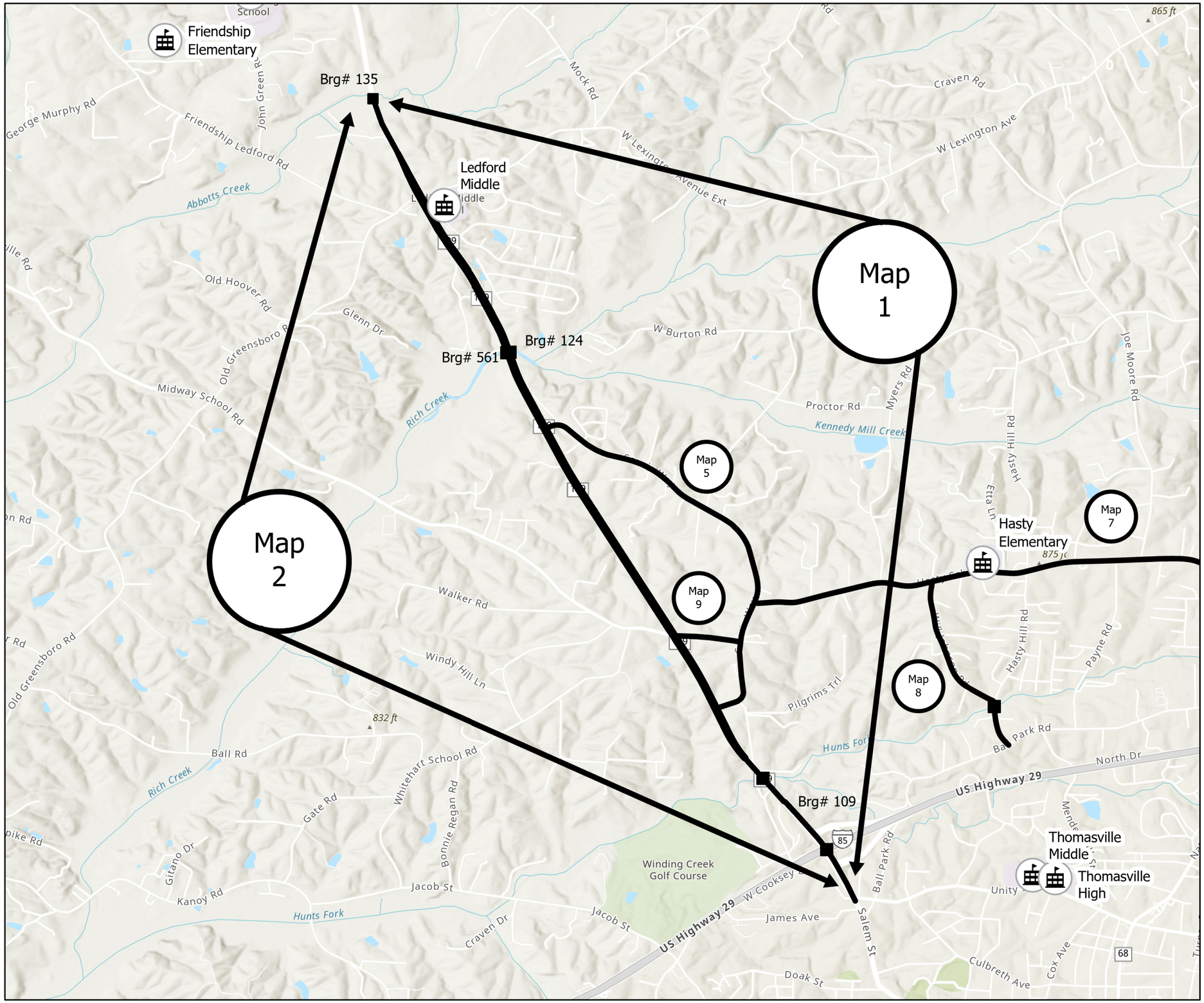
DAVIDSON

NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	2

Map 1 NC109NB
From Unity St SR2051 to Brg# 135 at Abbotts Creek
Mill 11/2" entire width
Pave 11/2" S9.5C

Map 2 NC109SB
From Brg# 135 at Abbotts Creek to Unity St SR1800
Mill 11/2" entire width
Pave 11/2" S9.5C



Legend

- Davidson_2025
- PublicSchool selection 1
- NCDOTStructureLocations selection 1

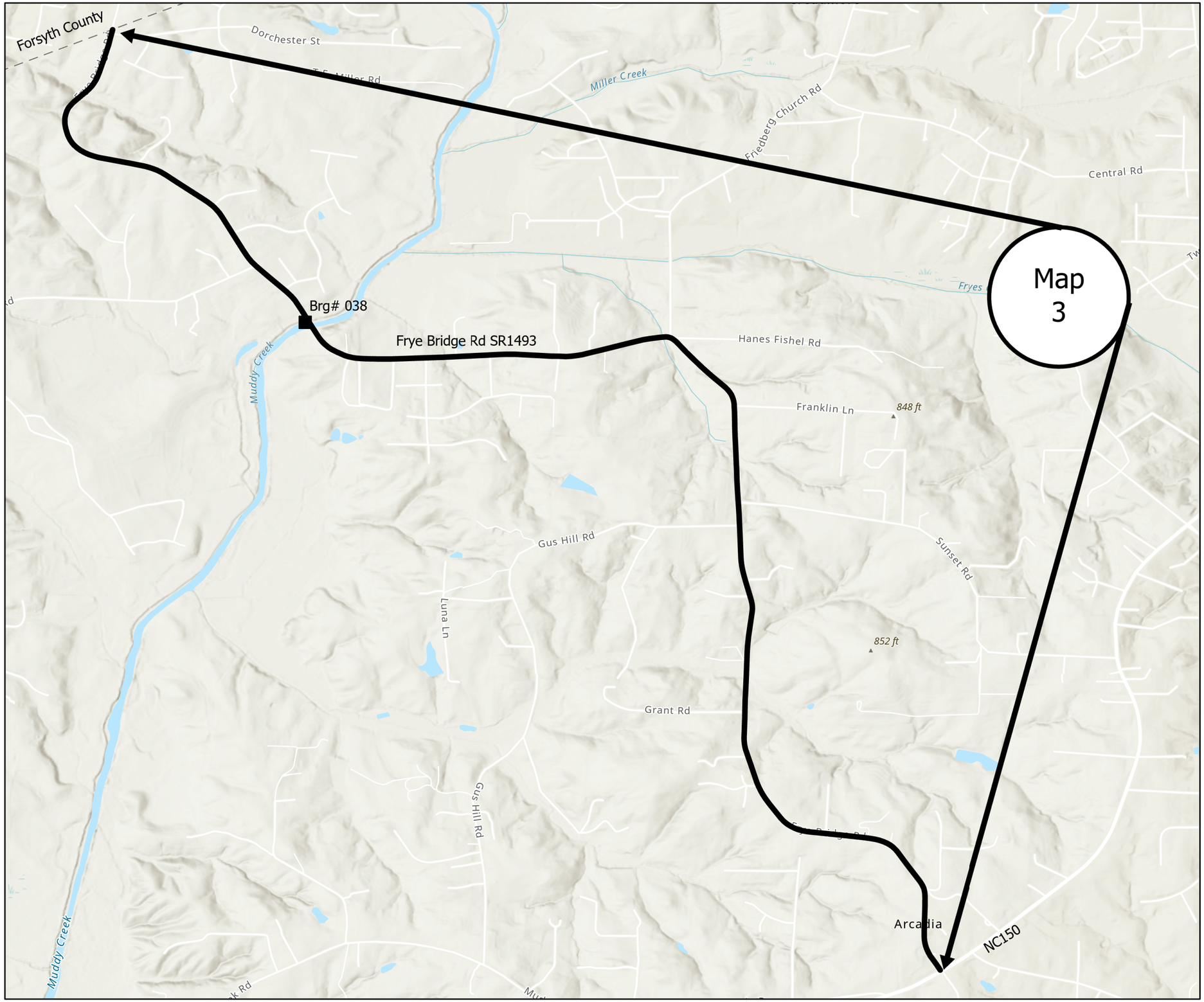
N

DAVIDSON

NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	3

Map 3 Frye Bridge Rd SR1493
From Forsyth County Line to NC150
Mill 11/2" entire width
Pave 11/2" S9.5B



Legend

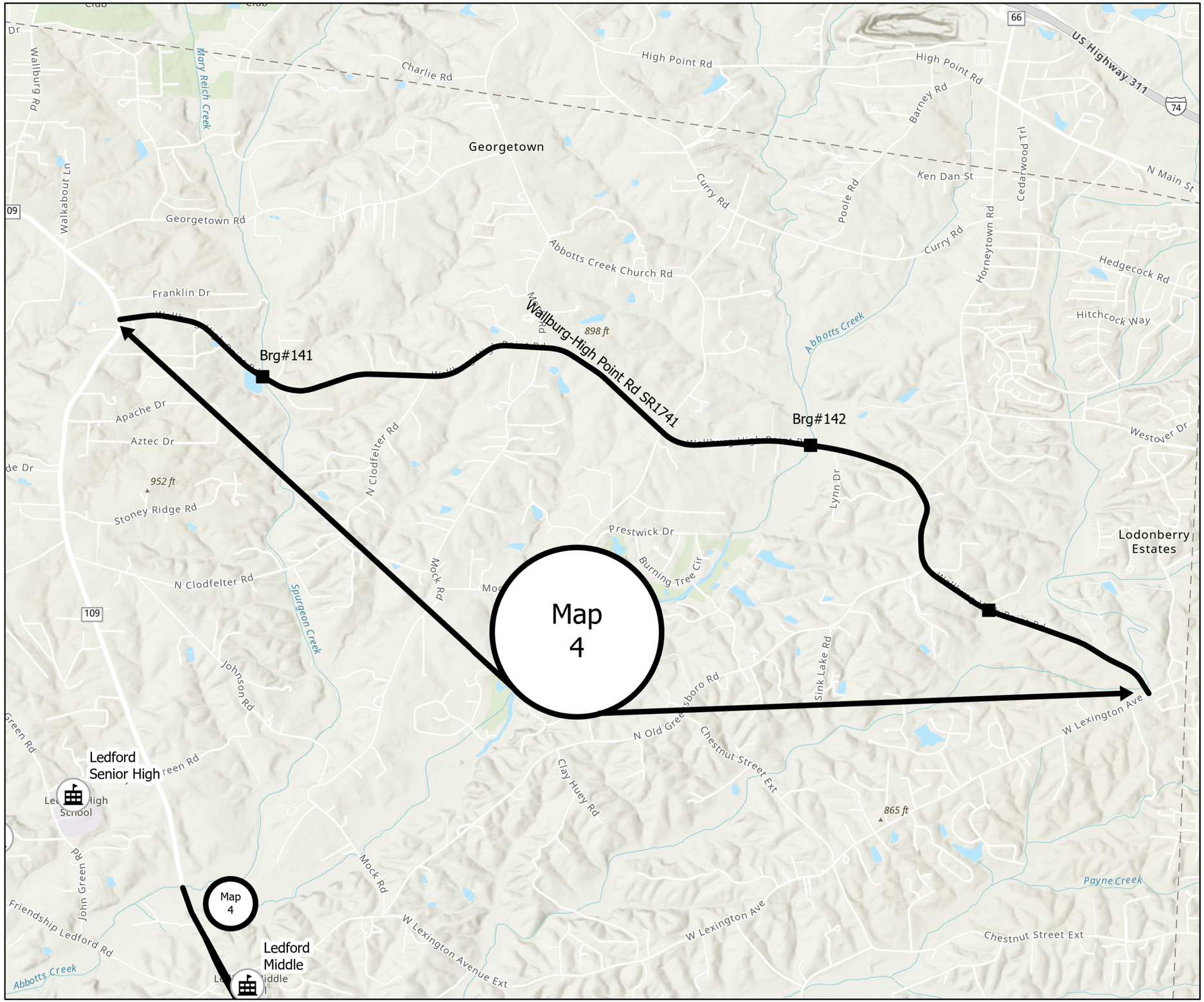
- Davidson_2025
- PublicSchool selection 1
- NCDOTStructureLocations selection 1

N

DAVIDSON
NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	4

Map 4 Wallburg-High Point Rd SR1741
From NC109 to W Lexington Ave
SR1755
Mill 11/2" entire width
Pave 11/2" S9.5B



Legend

- Davidson_2025
- PublicSchool selection 1
- NCDOTStructureLocations selection 1

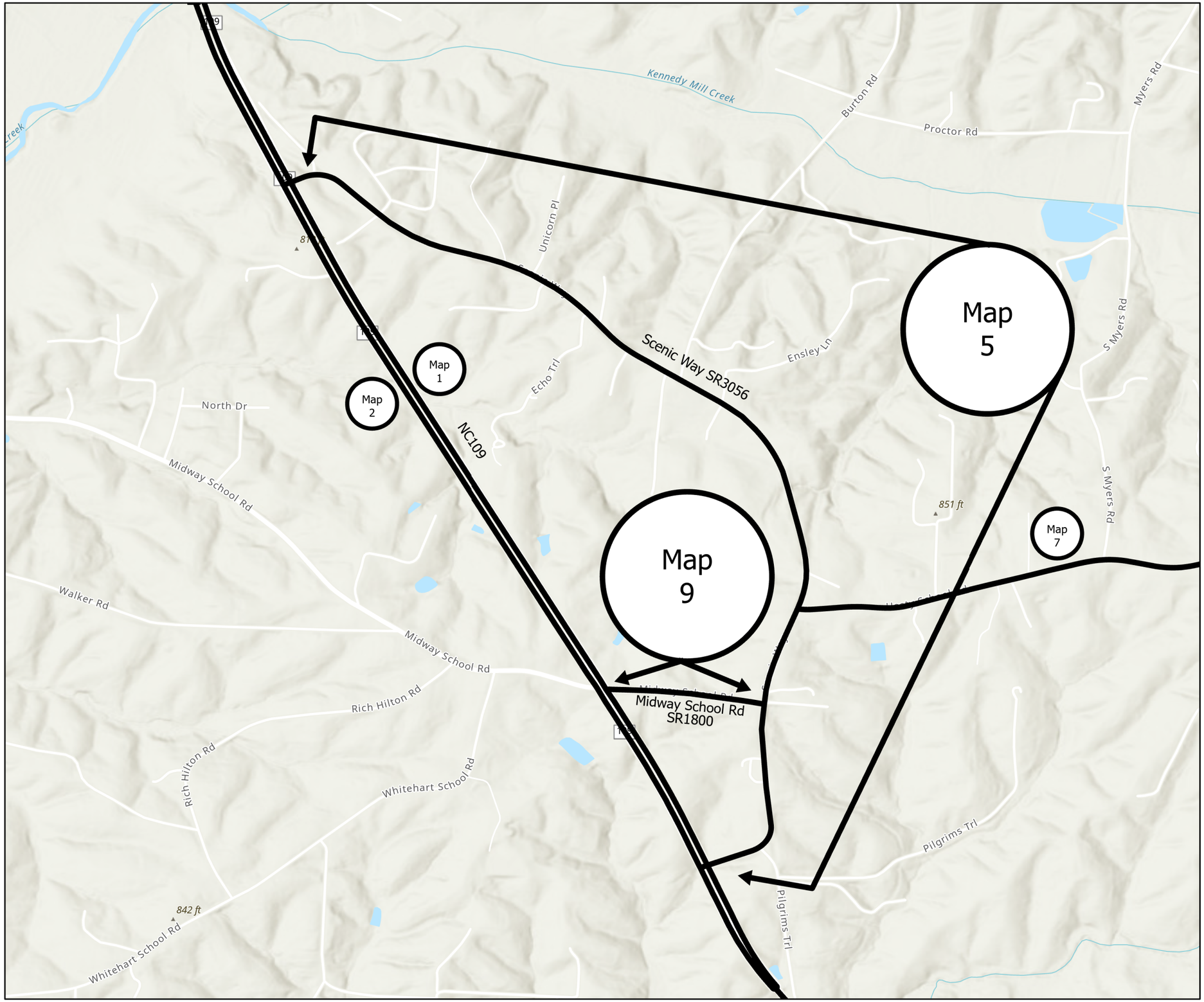
N

DAVIDSON
NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	5

Map 5 Scenic Way SR3056
From NC109 to NC109
Mill 11/2" entire width
Pave 11/2" S9.5B

Map 9 Midway School Rd SR1800
From Scenic Rd SR3056 to NC109
Mill 11/2" entire width
Pave 11/2" S9.5B



Legend

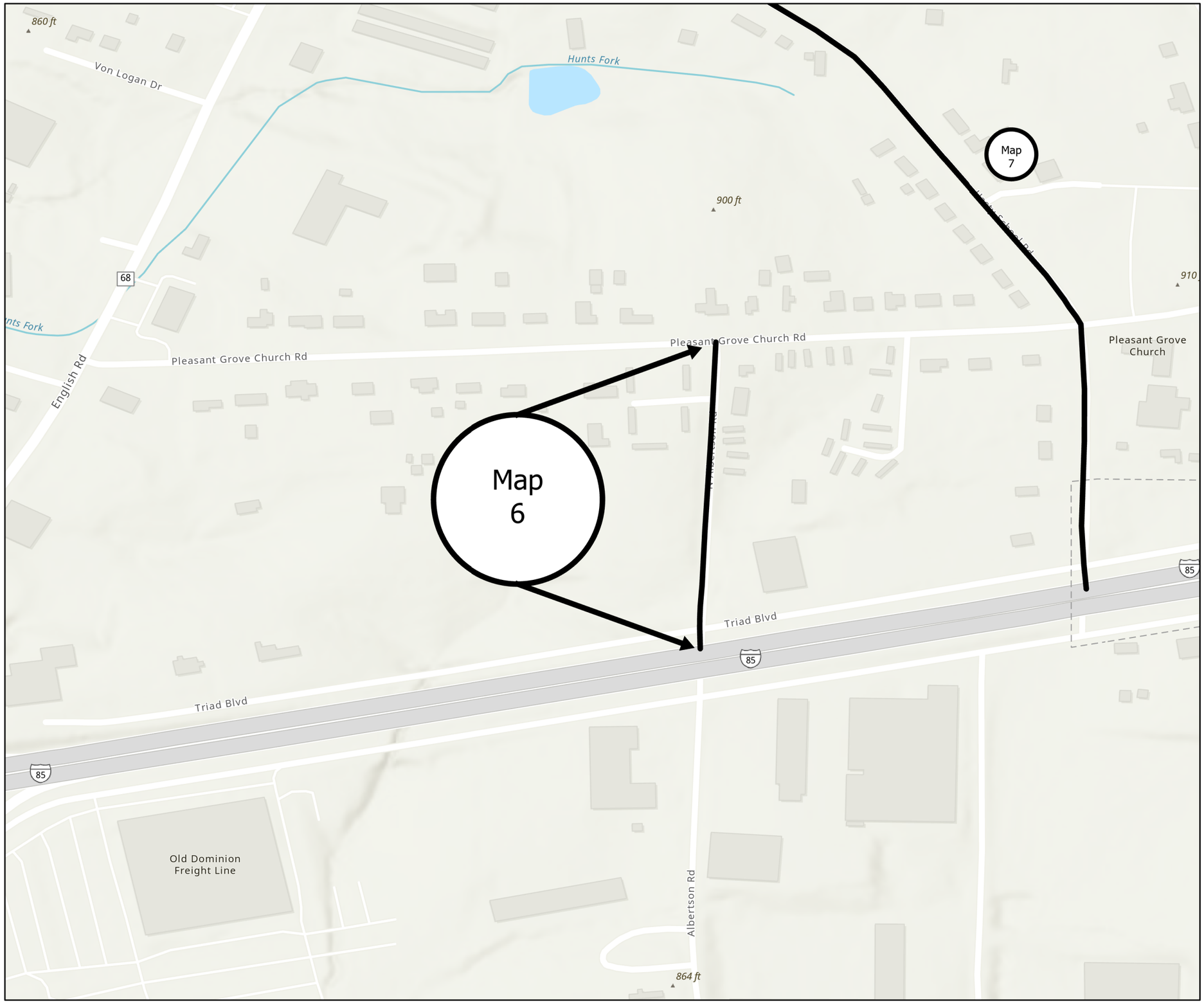
- Davidson_2025
- PublicSchool selection 1
- NCDOTStructureLocations selection 1

N

DAVIDSON
NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	6

Map 6 N Albertson Rd SR1770
From Pleasent Grove Ch Rd SR1769 to
W Triad Blvd SR1876/1877
Pave 2" S9.5B
Road reconditioned by DOT forces
Schedule paving with Jamie Burkholder,
Davidson County CME 336-224-3200



Legend

- Davidson_2025
- PublicSchool selection 1
- NCDOTStructureLocations selection 1

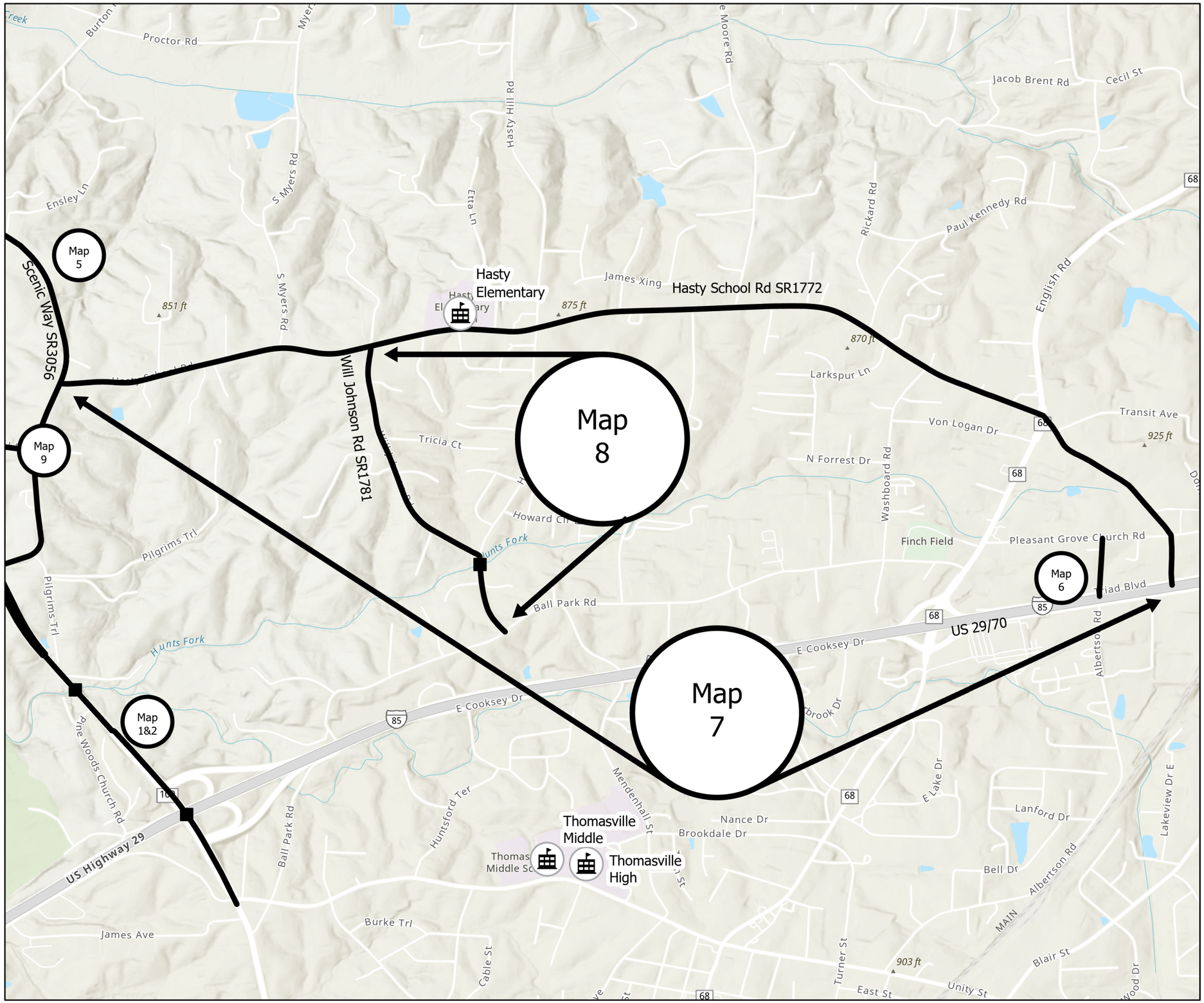
N

DAVIDSON
NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	7

Map 7 Hasty School Rd SR1772
From Scenic Way SR3056 to US29/70
Mill 11/2" entire width
Pave 11/2" S9.5B

Map 8 Will Johnson Rd SR1781
From Hasty School Rd SR1772 to Ball Park Rd
Incidental Mill 0-11/2" Beginning, end and at all SR intersections
Pave 11/2" S9.5B



Legend

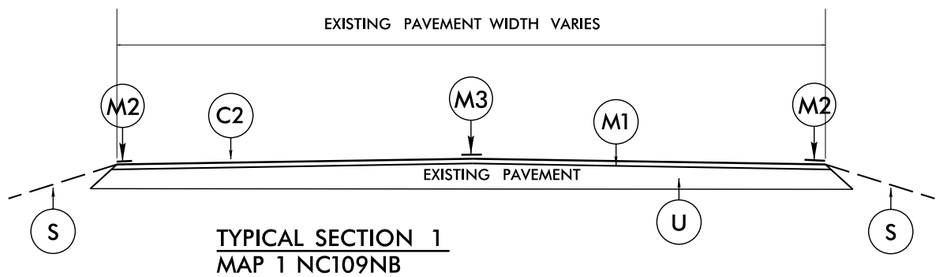
- Davidson_2025
- PublicSchool selection 1
- NCDOTStructureLocations selection 1

N

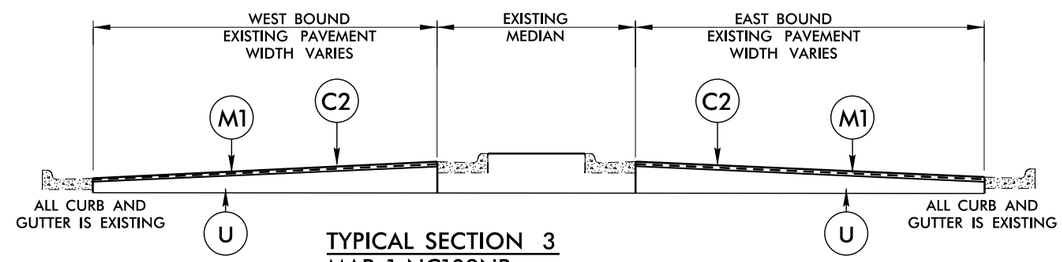
DAVIDSON

NORTH CAROLINA

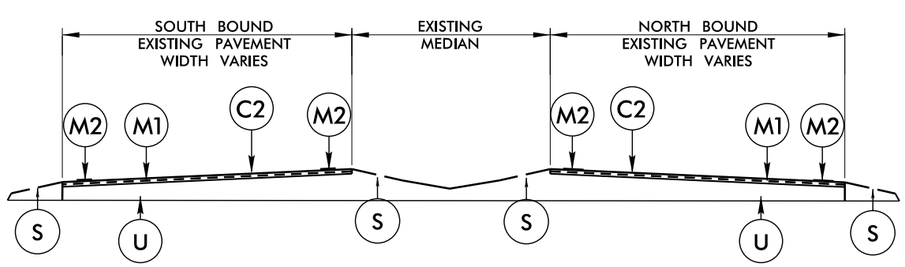
PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	8



TYPICAL SECTION 1
MAP 1 NC109NB
MAP 2 NC109SB



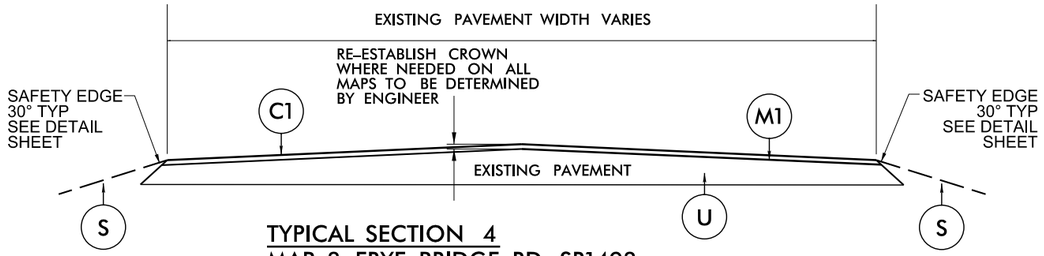
TYPICAL SECTION 3
MAP 1 NC109NB
MAP 2 NC109SB



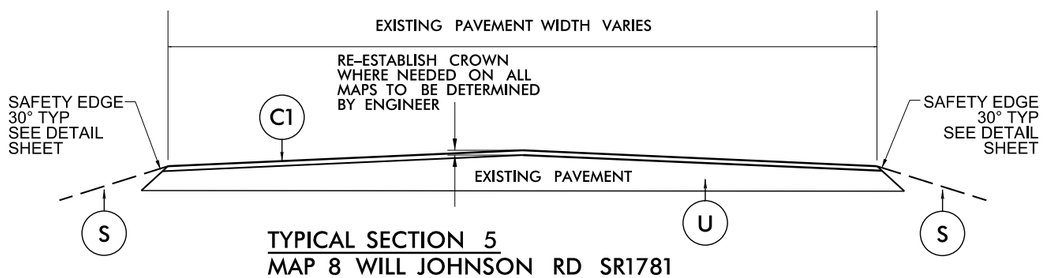
TYPICAL SECTION 2
MAP 1 NC109NB
MAP 2 NC109SB

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 165 LBS PER SQ YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD.
C3	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 220 LBS PER SQ YD.
M1	MILL ASPHALT PAVEMENT, 1½" DEPTH
M2	10" WIDE SINUSOIDAL MILLED RUMBLE STRIP ALONG EDGELINE
M3	18" WIDE SINUSOIDAL MILLED RUMBLE STRIP ALONG CENTERLINE
S	SHOULDER RECONSTRUCTION (SEE DETAIL)
U	EXISTING PAVEMENT
U2	EXISTING STONE

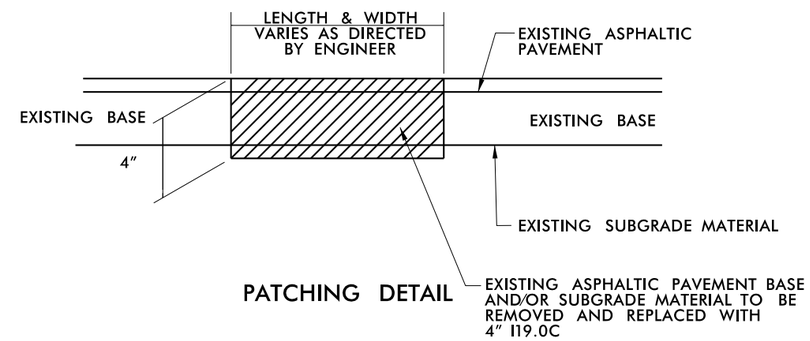
PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	9



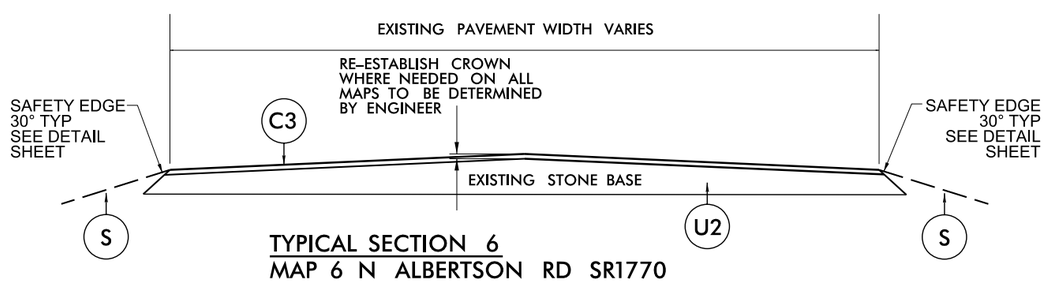
TYPICAL SECTION 4
MAP 3 FRYE BRIDGE RD SR1493
MAP 4 WALLBURG-HIGHPOINT RD SR1741
MAP 5 SCENIC WAY SR3056
MAP 7 HASTY SCHOOL RD SR1772
MAP 9 MIDWAY SCHOOL RD SR1800



TYPICAL SECTION 5
MAP 8 WILL JOHNSON RD SR1781



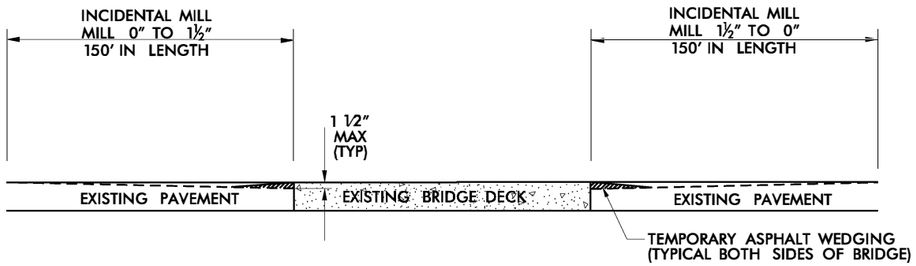
PATCHING DETAIL



TYPICAL SECTION 6
MAP 6 N ALBERTSON RD SR1770

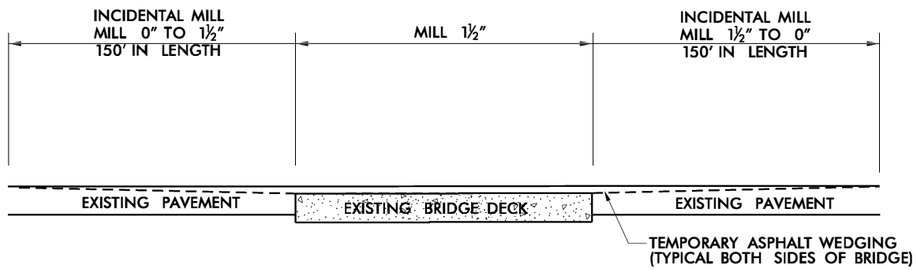
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 165 LBS PER SQ YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD.
C3	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 220 LBS PER SQ YD.
M1	MILL ASPHALT PAVEMENT, 1½" DEPTH
M2	10" WIDE SINUSOIDAL MILLED RUMBLE STRIP ALONG EDGELINE
M3	18" WIDE SINUSOIDAL MILLED RUMBLE STRIP ALONG CENTERLINE
S	SHOULDER RECONSTRUCTION (SEE DETAIL)
U	EXISTING PAVEMENT
U2	EXISTING STONE BASE

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	10



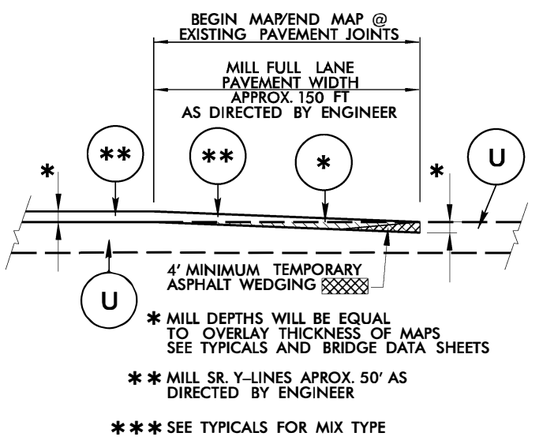
INCIDENTAL MILLING BRIDGE APPROACHES

(SEE BRIDGE DATA SHEET)

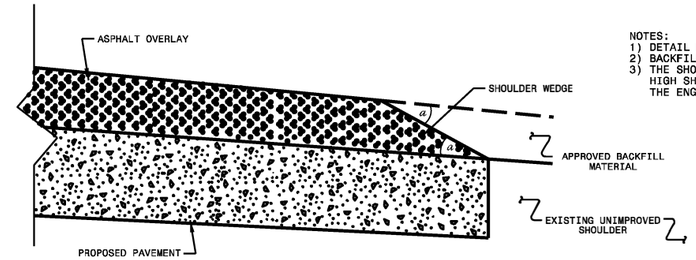


INCIDENTAL MILLING BRIDGE APPROACHES

(SEE BRIDGE DATA SHEET)



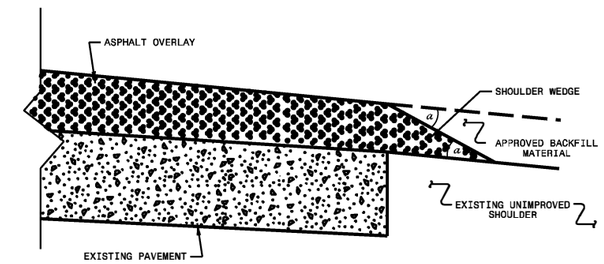
INCIDENTAL TIE-IN MILLING DETAIL



NOTES:
1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS DIRECTED BY THE ENGINEER.

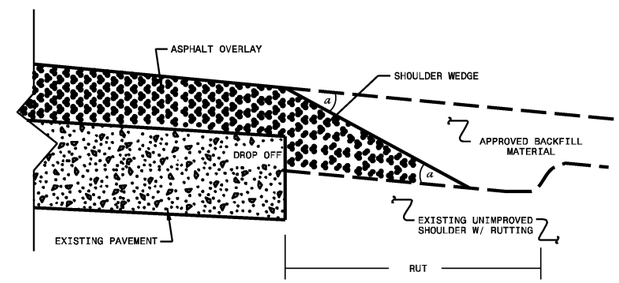
SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ Widening or with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL

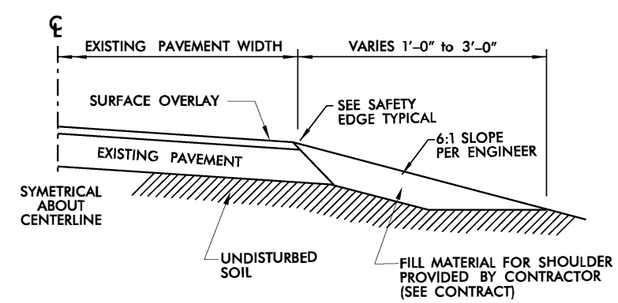
(Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL

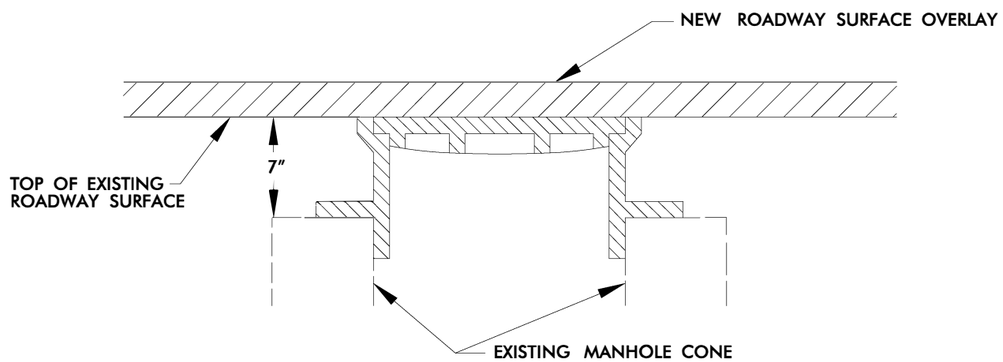
(Resurfacing Adjacent to Rutted Shoulder)

**** NOTE: MILL AND PAVE UP TO R x R ROW****

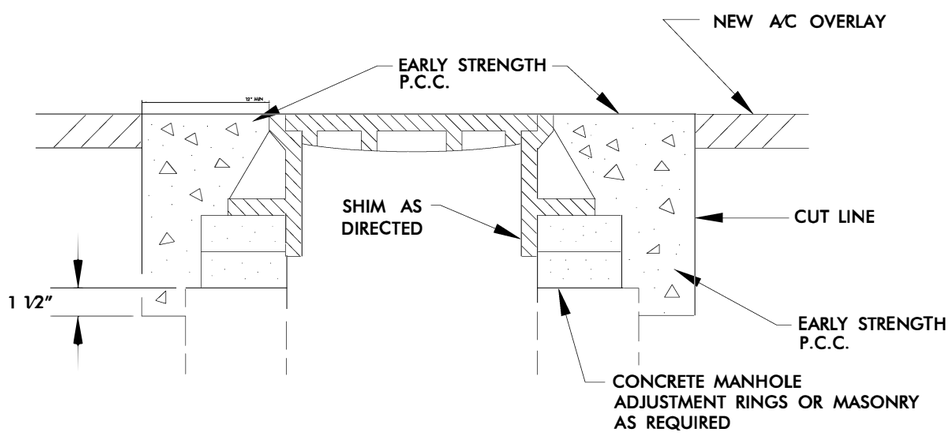


SHOULDER RECONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	11



STEP 1



STEPS 2,3, & 4

STEP 1 COVER EXISTING MANHOLE WITH APPROVED MATERIAL AND CONSTRUCT OVERLAY ACROSS TOP OF MANHOLE

STEP 2 SAW CUT EXCAVATION AROUND MANHOLE 12" MIN. FROM MANHOLE FRAME.

STEP 3 RAISE MANHOLE FRAME RINGS TO FINISH PAVEMENT PROFILE AND CROSS SLOPE.

STEP 4 BACKFILL WITH EARLY STRENGTH P.C.C. TO DEPTHS AS DIRECTED.

MANHOLE ADJUSTMENT DETAIL

CONSTRUCTION NOTES:

1. ALL QUANTITIES ARE "ESTIMATED" AS INDICATED IN THE "SUMMARY OF QUANTITIES".

2. CONSTRUCTION SHALL PROGRESS IN PHASES, IN THE ORDER INDICATED BELOW:

   PHASE 1 – MILLING AND PATCHING (WHEN REQUIRED)
   PHASE 2 – SURFACE OVERLAY
   PHASE 3 – SHOULDER DROP–OFF REPAIR (AS NEEDED AND DIRECTED BY ENGINEER)
   PHASE 4 – UTILITY ADJUSTMENTS (MANHOLE RING/COVER, VALVE/METER BOX RING/COVER, CATCH BASIN GRATE/COVER, DROP INLET GRATE/COVER, ETC.) WHEN REQUIRED.

3. BRIDGES THAT HAVE FLOOR DRAINS, SHALL HAVE ALL FLOOR DRAINS LEFT OPEN. EXTRA CARE SHALL BE EXERCISED IN MILLING (IF REQUIRED) AND IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE.

4. TEMPORARY ASPHALT WEDGING SHALL BE PLACED ON THE SAME DAY THAT BRIDGE AND/OR RAILROAD APPROACHES ARE MILLED (AND IF APPROACHES ARE MILLED PRIOR TO BRIDGE DECK).

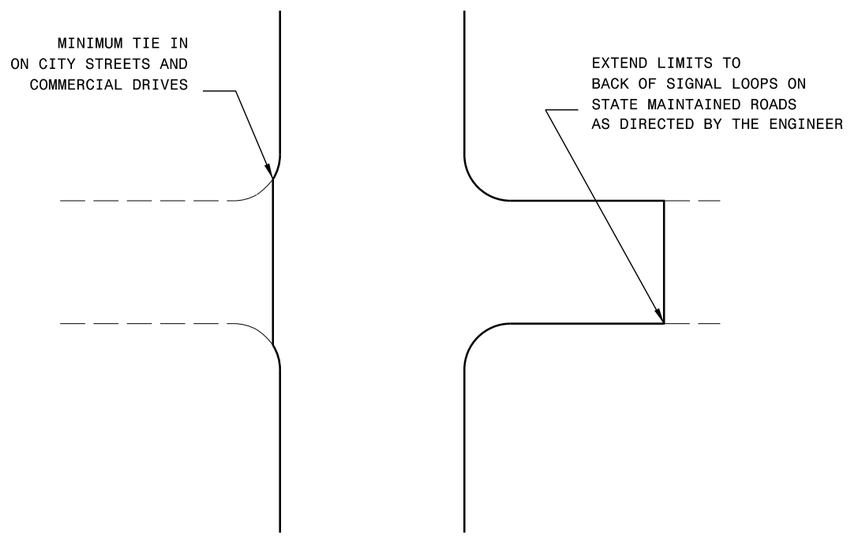
5. FOR TWO–LANE ROADWAYS – IT SHALL BE UNDERSTOOD THAT TYPICALLY ON A ROADWAY MEASURING 20 FEET OR LESS IN WIDTH, THE CENTER OF THE WHITE EDGELINE SHALL BE LOCATED SIX INCHES FROM THE EDGE OF PAVEMENT ON EITHER SIDE OF THE ROADWAY; ON A ROADWAY MEASURING 22 FEET IN WIDTH, TRAVEL LANES SHALL MEASURE 10 FEET AND THE WHITE EDGELINE SHALL BE LOCATED ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE; ON A ROADWAY MEASURING 24 FEET IN WIDTH, TRAVEL LANES SHALL MEASURE 11 FEET AND THE WHITE EDGELINE SHALL BE LOCATED ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE; ON A ROADWAY MEASURING 26 FEET OR MORE IN WIDTH, TRAVEL LANES SHALL MEASURE 12 FEET AND THE WHITE EDGELINE SHALL BE LOCATED NO LESS THAN ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE. THIS SHALL BE STANDARD PRACTICE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

6. PAPER JOINTS ARE TO BE PLACED BETWEEN DAYS OF PAVING OPERATIONS AS SPECIFIED IN THE STANDARD SPECIFICATIONS SECTION 610–11.

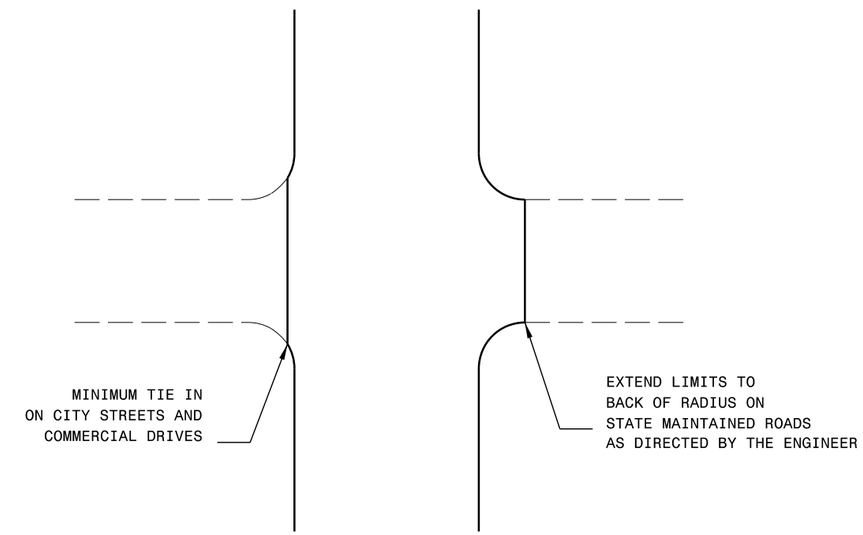
7. ALL MILLED AREAS WILL BE PAVED WITHIN 72 HOURS UNLESS APPROVED BY THE ENGINEER.

8. REPLACE ANY PORTION OF STOP BARS AND OTHER PAVEMENT MARKINGS AT ANY INTERSECTION INCLUDING Y–LINES NOT ACTUALLY BEING PAVED OVER, THAT ARE OBLITERATED BY THE PAVING OPERATION EITHER BY HAULING WHEEL TRACKS OR TACK TRUCK BY THE END OF EACH RESURFACING OPERATION

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	12



TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES



TYPICAL DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

ADDITIONAL INTERSECTIONS (NON-TYPICAL)

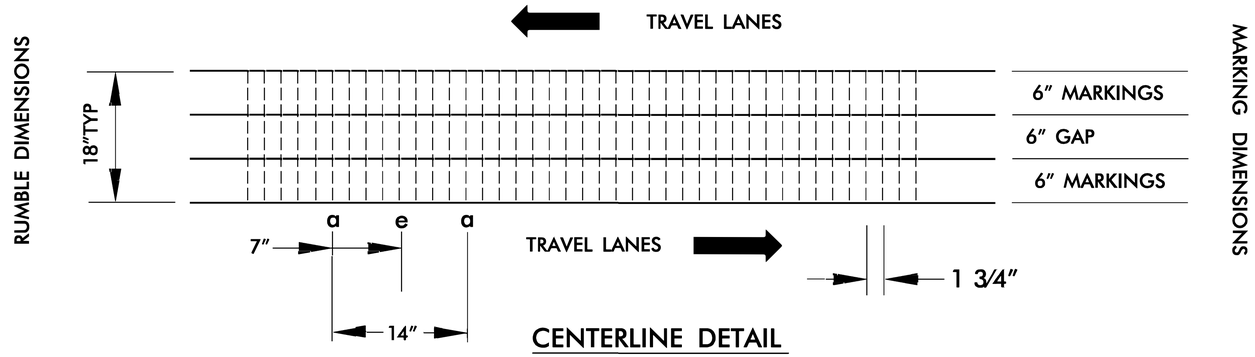
Extend paving limits to back of radius
or loop on the following intersections:

MAP#	STREET NAME	COMMENTS
MAP#1	SR2051 Unity	45x150
MAP#1	SR3056 Pilgrams	42x65
MAP#1	SR1800 Midway School	46x85
MAP#1	3056 Scenic Way	35x70
MAP#1	SR3074 Ironwood	30x36
MAP#1	SR3078 Beech Ridge	50x330
MAP#1	SR1756 W Lexington Ave	68x130
MAP#1	RMP4842	30x83
MAP#1	RMP 4873	38x83
MAP#1	RMP 4874	20x90
MAP#1	RMP 4875	45x90
MAP#2	SR1798 Old Greensboro	49x114
MAP#2	SR1800 Midway School	46x120
MAP#2	SR1783 Pinewoods	31x50
MAP#2	SR2144 W Cooksey	38x75
MAP#3	SR1566 Arcadia Ct	21x34

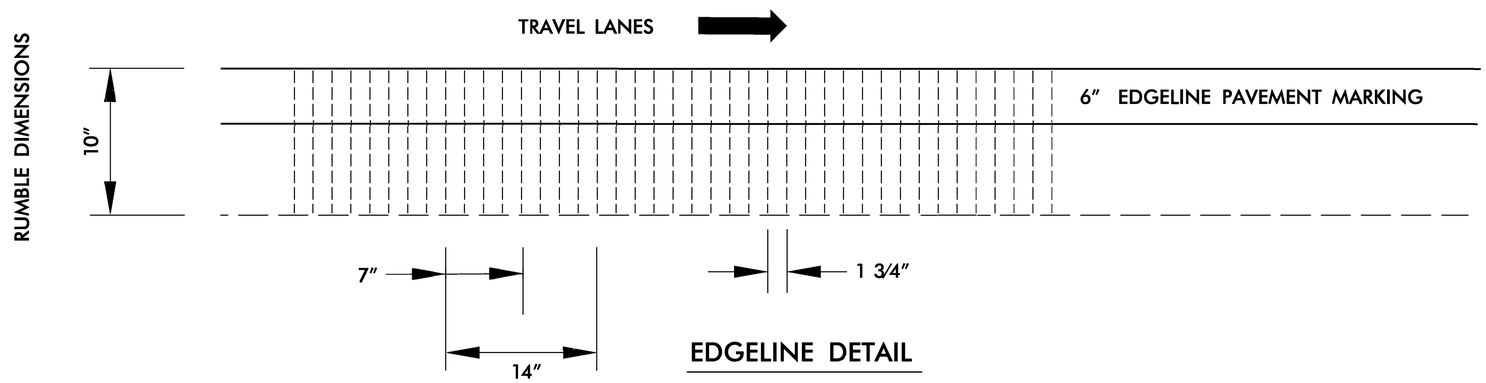
ADDITIONAL INTERSECTIONS (NON-TYPICAL)

Extend paving limits to back of radius
or loop on the following intersections:

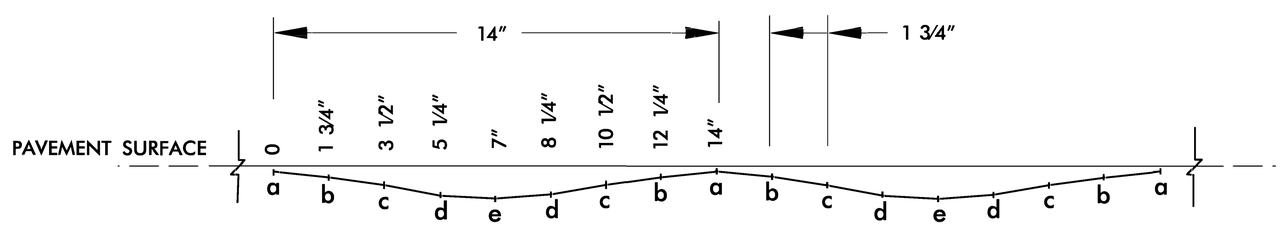
MAP#	STREET NAME	COMMENTS
MAP#3	SR1646 Tamworth Dr	27x50
MAP#3	SR1632 Grant Rd	22x31
MAP#3	SR1675 Pineview Dr	26x30
MAP#3	SR1498 Gushill	25x55
MAP#3	SR1522 Sunset	27x44
MAP#3	SR1621 Franklin	23x27
MAP#3	SR1520 Freiburg CH	28x78
MAP#3	SR1635 Dogwood	25x35
MAP#3	SR1633 Shady Oak	25x50
MAP#3	SR1490 Centenary Ch	23x45
MAP#3	SR3454 Bandelier Ct	26x40
MAP#3	SR3461 Dorchester	40x42
MAP#4	SR1756 N Old Greensboro	30x75
MAP#4	SR1735 Horneytown	32x72
MAP#4	SR1743 Abbotts Crk Ch	26x60
MAP#4	SR1743 Abbotts Crk Ch	22x60
MAP#4	SR1744 Mocks	22x60
MAP#4	SR1744 Mocks	22x60
MAP#4	SR1746 N Clodfelter	22x63
MAP#4	SR3015 Creekside	23x30
MAP#4	SR3604 Indigo	26x30
MAP#5	SR3055 Pilgram Trl	35x30
MAP#5	SR1800 Midway School	37x50
MAP#5	SR1772 Hasty School	40x73
MAP#5	SR1763 Burton	20x53
MAP#5	SR2900 Windsor Cir	26x35
MAP#5	SR3057 Scenic Way	29x45
MAP#7	SR1776 Triad Blvd	21x50
MAP#7	SR1875 Triad Blvd	21x50
MAP#7	SR3002 S Myers Way	21x50
MAP#7	SR1781 Will Johnson	22x50
MAP#7	SR3028 Etta	26x56
MAP#7	SR1777 Hasty Hill	27x35
MAP#7	SR1777 Hasty Hill	20x50
MAP#7	SR1779 Payne	27x35
MAP#7	SR1762 Joe Moore	27x43
MAP#7	SR1775 Paul Kennedy	26x50
Map#7	SR1769 Hasty School	20x45
MAP#7	SR1769 Hasty School	38x45



CENTERLINE DETAIL



EDGELINE DETAIL



PROFILE

	DEPTH	
LOCATION	MIL	INCHES
a	62.5	1/16"
b	125	1/8"
c	219	7/32"
d	344	11/32"
e	375	3/8"

SINUSOIDAL MILLED RUMBLE STRIPS DETAILS

NOTE: TYPICAL SECTIONS AND DETAILS ARE NOT DRAWN TO SCALE

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.09.01.10291	15	
2025CPT.09.02.20291		

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	BEGIN MP	END MP	1220000000-E INCIDENTAL STONE BASE	1245000000-E SHOULDER RECONSTRUCTION	1260000000-E AGGREGATE SHOULDER BORROW	1297000000-E MILLING ASPHALT PAVEMENT, 1 1/2"DEPTH	1330000000-E INCIDENTAL MILLING	1519000000-E SURFACE COURSE, S9.5B	1523000000-E SURFACE COURSE, S9.5C	1575000000-E ASPHALT BINDER FOR PLANT MIX	1704000000-E PATCHING EXISTING PAVEMENT	1881000000-E GENERIC PAVING ITEM SINUSOOIDAL MILLED RUMBLE STRIPS 10"	1881000000-E GENERIC PAVING ITEM SINUSOOIDAL MILLED RUMBLE STRIPS 18"	2830000000-N ADJ. OF MANHOLES	2845000000-N ADJ. OF METER OR VALVE BOX
										MI	FT			TONS	SMI	TONS	SY	SY	TONS	TONS	TONS	TONS	LF	LF	EA	EA
2025CPT.09.01.10291	Davidson	1	NC-109 N	FROM UNITY ST SR2051 TO BRG#135 AT ABBOTTS CREEK	1,2,3	2,4	MD	NO	NO	4.47	31-78	28.22	32.69		8.94	1,725	88,100	16,806		10,177	601	10	38,000	850	8	4
TOTAL FOR MAP NO. 1										**4.47**					**8.94**	**1,725**	**88,100**	**16,806**		**10,177**	**601**	**10**	**38,000**	**850**	**8**	**4**
2025CPT.09.01.10291	Davidson	2	NC-109 S	FROM BRIDGE #135 AT ABBOTTS CREEK TO UNITY ST SR1800	1,2,3	2,4	MD	NO	NO	4.431	31-78	6.199	10.63		8.86	1,710	87,564	10,656		9,438	557	10	38,130			
TOTAL FOR MAP NO. 2										**4.431**					**8.86**	**1,710**	**87,564**	**10,656**		**9,438**	**557**	**10**	**38,130**			
TOTAL FOR PROJ NO. 2025CPT.09.01.10291										**8.901**					**17.80**	**3,435**	**175,664**	**27,462**		**19,615**	**1,158**	**20**	**76,130**	**850**	**8**	**4**
2025CPT.09.02.20291	Davidson	3	SR-1493 / FRYE BRIDGE RD	FROM FORSYTH COUNTY LINE TO NC150	4	2	2WU	NO	NO	4.62	24.5-40	0	4.62	600	9.24	1,783	66,349	3,073	6,668		434	10			2	30
TOTAL FOR MAP NO. 3										**4.62**				**600**	**9.24**	**1,783**	**66,349**	**3,073**	**6,668**		**434**	**10**			**2**	**30**
2025CPT.09.02.20291	Davidson	4	SR-1741 / WALLBURG-HIGH POINT RD	FROM NC109 TO W LEXINGTON AVE SR1755	4	2,3	2WU	NO	NO	5.798	23.5-41	0	5.798	200	11.60	2,238	79,673	2,626	7,895		514	10			2	16
TOTAL FOR MAP NO. 4										**5.798**				**200**	**11.60**	**2,238**	**79,673**	**2,626**	**7,895**		**514**	**10**			**2**	**16**
2025CPT.09.02.20291	Davidson	5	SR-3056 / SCENIC WAY	FROM NC109 TO NC109	4	2,3	2WU	NO	NO	1.94	24.5-40	0	1.94	90	3.88	749	27,342	2,208	2,820		184	10			2	18
TOTAL FOR MAP NO. 5										**1.94**				**90**	**3.88**	**749**	**27,342**	**2,208**	**2,820**		**184**	**10**			**2**	**18**
2025CPT.09.02.20291	Davidson	6	SR-1770 / N ALBERTSON RD	FROM PLEASENT GROVE CH RD SR1769 TO W TRIAD BLVD SR1876/1877	6	2	2WU	NO	NO	0.16	19	0	0.16	20	0.32	62			254		17				2	
TOTAL FOR MAP NO. 6										**0.16**				**20**	**0.32**	**62**			**254**		**17**				**2**	
2025CPT.09.02.20291	Davidson	7	SR-1772 / HASTY SCHOOL RD	FROM SCENIC RD SR3056 TO US 29/70	4	2,3	2WU	NO	NO	2.99	24-37	0	2.99		5.98	1,154	43,216	3,687	4,476		291	10			8	32
TOTAL FOR MAP NO. 7										**2.99**					**5.98**	**1,154**	**43,216**	**3,687**	**4,476**		**291**	**10**			**8**	**32**
2025CPT.09.02.20291	Davidson	8	SR-1781 / WILL JOHNSON RD	FROM HASTY SCHOOL RD SR1772 TO BALL PARK RD	5	2	2WU	NO	NO	0.915	20	0	0.915	25	1.83	353		750	891		58	10				
TOTAL FOR MAP NO. 8										**0.915**				**25**	**1.83**	**353**		**750**	**891**		**58**	**10**				
2025CPT.09.02.20291	Davidson	9	SR-1800 / MIDWAY SCHOOL RD	FROM SCENIC RD SR3056 TO NC109	4	2,3	2WU	NO	NO	0.26	26-46	0	0.26	25	0.52	100	4,113		375		25	10				
TOTAL FOR MAP NO. 9										**0.26**				**25**	**0.52**	**100**	**4,113**		**375**		**25**	**10**				
TOTAL FOR PROJ NO. 2025CPT.09.02.20291										**16.683**				**960**	**33.37**	**6,439**	**220,693**	**12,344**	**23,379**		**1,523**	**60**			**16**	**96**
GRAND TOTAL										**25.584**				**960**	**51.17**	**9,874**	**396,357**	**39,806**	**23,379**	**19,615**	**2,681**	**80**	**76,130**	**850**	**24**	**100**

Note: All quantities listed include turn lanes and are estimates; Payment will be based on measurements and quantities recieved

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.09.01.10291	16	
2025CPT.09.02.20291		

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E WORK ZONE ADVANCE/GENERAL WARNING SIGNING	4457000000-N TEMPORARY TRAFFIC CONTROL	4685000000-E 4" X 90 M WHITE THERMO	4685000000-E 4" X 90 M YELLOW THERMO	4688000000-E 6" X 90 M WHITE THERMO	4688000000-E 6" X 90 M YELLOW THERMO	4695000000-E 8" X 90 M YELLOW THERMO	4695000000-E 8" X 90 M WHITE THERMO	4700000000-E THERMOPLASTIC PAVEMENT MARKINGLINES YELLOW(12", 90 MILS)	4709000000-E 24" X 90 M WHITE THERMO	4720000000-E THERMO MSG SCHOOL 90 M	4720000000-E THERMO MSG ONLY 90 M	4720000000-E THERMO MSG STOP 90 M	4720000000-E THERMO MSG AHEAD 90 M	4725000000-E THERMO LT ARROW 90 M	4725000000-E THERMO RT ARROW 90 M	4725000000-E THERMO STR & RT ARROW 90 M	4725000000-E THERMO STR ARROW 90 M	4725000000-E THERMO MERGE ARROW 90 M	4725000000-E THERMOPLASTIC PAVEMENT MARKINGSYMBOL 12" YIELD LINE TRIANGLE	4810000000-E 4" WHITE PAINT	4810000000-E 4" YELLOW PAINT	4820000000-E 8" YELLOW PAINT	4820000000-E 8" WHITE PAINT	4825000000-E 12" WHITE PAINT	4835000000-E 24" WHITE PAINT	4840000000-N PAINT MSG SCHOOL	4840000000-N PAINT MSG ONLY	4840000000-N PAINT MSG STOP	4840000000-N PAINT MSG AHEAD	4845000000-N PAINT LT ARROW	4845000000-N PAINT RT ARROW	4845000000-N PAINT STR & RT ARROW	4845000000-N PAINT STR ARROW	4845000000-N MERGE ARROW	4895000000-N POLYCARBONATE H-SHAPED MARKERS
								MI	FT			SF	LS	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
2025CPT.09.01.10291	Davidson	1	NC-109 N	FROM UNITY ST SR2051 TO BRG#135 AT ABBOTTS CREEK	1,2,3	2,4	MD	4.47	31-78	28.22	32.69	126	*			32,683	25,765			2,205	683	6				35	18	2	37	3		32,683	25,765			2,205	683	6				35	18	2	37	3	450
TOTAL FOR MAP NO. 1								**4.47**				**126**				**32,683**	**25,765**			**2,205**	**683**	**6**				**35**	**18**	**2**	**37**	**3**		**32,683**	**25,765**			**2,205**	**683**	**6**				**35**	**18**	**2**	**37**	**3**	**450**
2025CPT.09.01.10291	Davidson	2	NC-109 S	FROM BRIDGE #135 AT ABBOTTS CREEK TO UNITY ST SR1800	1,2,3	2,4	MD	4.431	31-78	6.199	10.63	126				33,850	25,765			2,710	550	6	4			31	7	3	34			33,850	25,765			2,710	500	6	4			31	7	3	34		450
TOTAL FOR MAP NO. 2								**4.431**				**126**				**33,850**	**25,765**			**2,710**	**550**	**6**	**4**			**31**	**7**	**3**	**34**			**33,850**	**25,765**			**2,710**	**500**	**6**	**4**			**31**	**7**	**3**	**34**		**450**
TOTAL FOR PROJ NO. 2025CPT.09.01.10291								**8.901**				**252**	**1.000**			**66,533**	**51,530**			**4,915**	**1,233**	**12**	**4**			**66**	**25**	**5**	**71**	**3**		**66,533**	**51,530**			**4,915**	**1,183**	**12**	**4**			**66**	**25**	**5**	**71**	**3**	**900**
																118,063						**16**				**170**						**118,063**						**16**				**170**					
2025CPT.09.02.20291	Davidson	3	SR-1493 / FRYE BRIDGE RD	FROM FORSYTH COUNTY LINE TO NC150	4	2	2WU	4.62	24.5-40	0	4.62	520				48,746	48,746				100			8	10							48,746	48,746				100			8	10						
TOTAL FOR MAP NO. 3								**4.62**				**520**				**48,746**	**48,746**				**100**			**8**	**10**							**48,746**	**48,746**				**100**			**8**	**10**						
2025CPT.09.02.20291	Davidson	4	SR-1741 / WALLBURG-HIGH POINT RD	FROM NC109 TO W LEXINGTON AVE SR1755	4	2,3	2WU	5.798	23.5-41	0	5.798	650				61,026	61,026				176			8	10							61,026	61,026				176			8	10						
TOTAL FOR MAP NO. 4								**5.798**				**650**				**61,026**	**61,026**				**176**			**8**	**10**							**61,026**	**61,026**				**176**			**8**	**10**						
2025CPT.09.02.20291	Davidson	5	SR-3056 / SCENIC WAY	FROM NC109 TO NC109	4	2,3	2WU	1.94	24.5-40	0	1.94	220		20,193	20,668			66			35					2						20,193	20,668	66			35					2					
TOTAL FOR MAP NO. 5								**1.94**				**220**		**20,193**	**20,668**			**66**			**35**					**2**						**20,193**	**20,668**	**66**			**35**					**2**					
2025CPT.09.02.20291	Davidson	6	SR-1770 / N ALBERTSON RD	FROM PLEASENT GROVE CH RD SR1769 TO W TRIAD BLVD SR1876/1877	6	2	2WU	0.16	19	0	0.16	20	*	1,722	1,722																																
TOTAL FOR MAP NO. 6								**0.16**				**20**		**1,722**	**1,722**																																
2025CPT.09.02.20291	Davidson	7	SR-1772 / HASTY SCHOOL RD	FROM SCENIC RD SR3056 TO US 29/70	4	2,3	2WU	2.99	24-37	0	2.99	340		31,628	31,998			120	90		349	12		8	10	6	4	1			9	31,628	31,998	120	90		349	12		8	10	6	4	1			
TOTAL FOR MAP NO. 7								**2.99**				**340**		**31,628**	**31,998**			**120**	**90**		**349**	**12**		**8**	**10**	**6**	**4**	**1**			**9**	**31,628**	**31,998**	**120**	**90**		**349**	**12**		**8**	**10**	**6**	**4**	**1**			
2025CPT.09.02.20291	Davidson	8	SR-1781 / WILL JOHNSON RD	FROM HASTY SCHOOL RD SR1772 TO BALL PARK RD	5	2	2WU	0.915	20	0	0.915	110		7,140	7,140																																
TOTAL FOR MAP NO. 8								**0.915**				**110**		**7,140**	**7,140**																																
2025CPT.09.02.20291	Davidson	9	SR-1800 / MIDWAY SCHOOL RD	FROM SCENIC RD SR3056 TO NC109	4	2,3	2WU	0.26	26-46	0	0.26	50		2,506	2,506													1				2,506	2,506												1		
TOTAL FOR MAP NO. 9								**0.26**				**50**		**2,506**	**2,506**													**1**				**2,506**	**2,506**												**1**		
TOTAL FOR PROJ NO. 2025CPT.09.02.20291								**16.683**				**1,910**	**1.000**	**63,189**	**64,034**	**109,772**	**109,772**	**186**	**90**		**660**	**12**		**24**	**30**	**8**	**4**	**2**			**9**	**164,099**	**164,944**	**186**	**90**		**660**	**12**		**24**	**30**	**8**	**4**	**2**			
														127,223		**219,544**		**276**				**66**				**23**						**329,043**		**276**				**66**				**14**			
GRAND TOTAL								**25.584**				**2,162**	**1.000**	**63,189**	**64,034**	**176,305**	**161,302**	**186**	**90**	**4,915**	**1,893**	**24**	**4**	**24**	**30**	**74**	**29**	**7**	**71**	**3**	**9**	**230,632**	**216,474**	**186**	**90**	**4,915**	**1,843**	**24**	**4**	**24**	**30**	**74**	**29**	**7**	**71**	**3**	**900**
														127,223		**337,607**		**276**				**82**				**193**						**447,106**		**276**				**82**				**184**			

Note: All quantities listed include turn lanes and are estimates; Payment will be based on measurements and quantites recieved

BRIDGE DATA

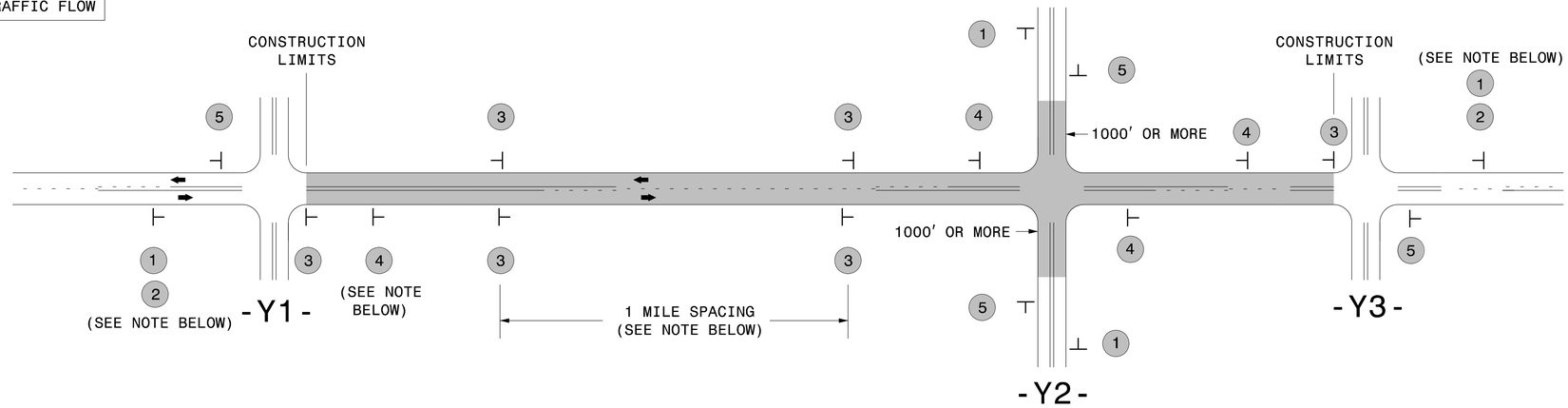
PROJECT NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	17

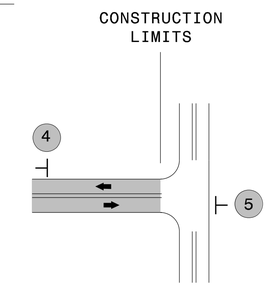
Map No.	Route No.	Route Name	Bridge No.	Feature Intersected	Floor Construction	Clear Roadway Width (Ft)	Horizontal Clearance Under (Ft.)	Vertical Clearance Under	Length (Ft)	Posting	Recommended Treatment, From Bridge Maintenance
1	NC109	NC109	135	ABBOTTS CREEK	81/4 RC SLAB	39.75	NA	NA	152	NA	DO NOT PAVE DO NOT MILL
1	NC109NB	NC109NB	561	RICH FORK CREEK	9"C SLAB	35.5	NA	NA	171	NA	DO NOT PAVE DO NOT MILL
1	NC109NB	NC109NB	109	I85BUS/US29/US70	53/8"RC, 31/2"PPC	94.417	NA	NA	177	NA	DO NOT PAVE DO NOT MILL
2	NC109SB	NC109SB	124	RICH FORK CREEK	9"RC SLAB, NO AWS	35.5	NA	NA	171	NA	DO NOT PAVE DO NOT MILL
3	SR1493	FRYE BRIDGE RD	38	MUDDY CREEK	5PPC BB/41/2"AWS	30	NA	NA	283	NA	MILL 11/2", PAVE 11/2"
4	SR1741	WALLBURG HIGH POINT RD	141	SPUGEON CREEK	PC BB 4.5" AWS	41.667	NA	NA	85	NA	MILL 11/2", PAVE 11/2"
4	SR1741	WALLBURG HIGH POINT RD	142	ABBOTTS CREEK	93/4" RC SLAB	NA	NA	NA	140	NA	DO NOT PAVE DO NOT MILL

PROJ. REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	TMP-1

SIGNING FOR RESURFACING PROJECTS

LEGEND
- ⊢ STATIONARY SIGN
- ← DIRECTION OF TRAFFIC FLOW





TEE INTERSECTION

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1	ROAD WORK AHEAD W20-1 48″ X 48″	PLACE 1000′ PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000′ ALONG -Y- LINE.
2	NEXT XX MILES W7-3aP 24″ X 18″	#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)
3	LOW/SOFT SHOULDER SP 13107 48″ X 48″	- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.
4	ROAD UNDER CONST SP 13106 48″ X 48″	- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500′ +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500′ OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500′ +/- OF THE INTERSECTION ALONG -L- LINE.
5	END ROAD WORK G20-2 A 48″ X 24″	PLACE 500′ FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

-Y- LINE SIGNING

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

1) LESS THAN 1000′ OF RESURFACING ALONG -Y- LINE
2) SUBDIVISION ROADS
3) DEAD END ROADS

WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

ROAD WORK AHEAD
W20-1
48″ X 48″

PLACED 500′ IN ADVANCE OF FLAGGER.

W20-7 A
48″ X 48″

PLACED 250′ IN ADVANCE OF FLAGGER.

MAPS LESS THAN 2 MILES

FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.

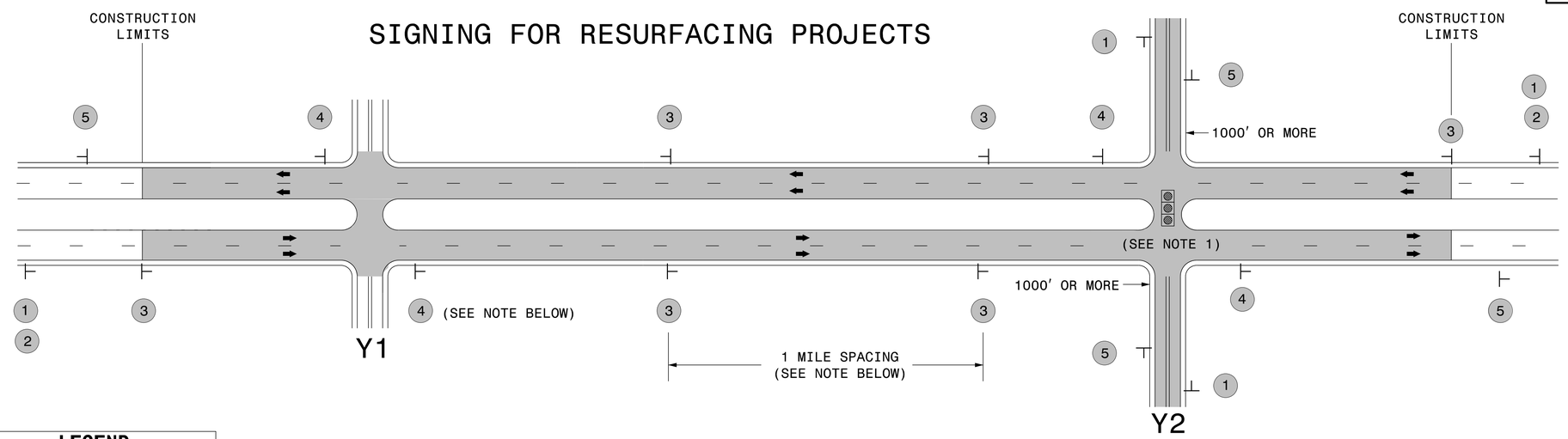
DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

5/15/2017
S:\TMU\WZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln.dgn
User:kedals

PROJ. REFERENCE NO.	SHEET NO.
2025CPT.09.01.10291 2025CPT.09.02.20291	TMP-2

SIGNING FOR RESURFACING PROJECTS



LEGEND

- ⊢ STATIONARY SIGN
- ⬅ DIRECTION OF TRAFFIC FLOW

SIGNING NOTES AND PLACEMENT PER DIRECTION

MAINLINE (-L-) SIGNING

1	ROAD WORK AHEAD W20-1 48″ X 48″	PLACE 1000′ PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000′ ALONG -Y- LINE.
2	NEXT XX MILES W7-3aP 24″ X 18″	#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)
3	LOW/SOFT SHOULDER SP 13107 48″ X 48″	PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET ½ MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.
4	ROAD UNDER CONST SP 13106 48″ X 48″	THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500′ +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500′ OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.
5	END ROAD WORK G20-2 A 48″ X 24″	PLACE 500′ FOLLOWING THE END OF CONSTRUCTION LIMITS.

-Y- LINE SIGNING

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

1) LESS THAN 1000′ OF RESURFACING ALONG -Y- LINE
2) SUBDIVISION ROADS
3) DEAD END ROADS

WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

PLACED 500′ IN ADVANCE OF FLAGGER. PLACED 250′ IN ADVANCE OF FLAGGER.

NOTES:

1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500′ IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

RESURFACING
ADVANCE WARNING SIGNS
FOR RURAL AND SUBURBAN
MULTI-LANE ROADWAYS
W/ SHOULDER SECTIONS

3/23/2015
C:\Users\rmgarrett\Downloads\Resurfacing_AdvWarn_UrSu_Shldr.dgn
User:rmgarrett