

**CONTRACT: DJ00302**      **TIP PROJECT: I-5797**

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

MECKLENBURG COUNTY

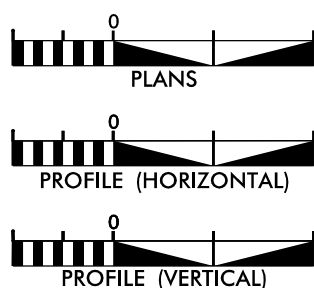
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5797	1	10
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50441.3.1	NHPIM-0085(041)	CONST.	

**LOCATION:**                      *I-85 FROM THE CONCRETE PAVEMENT JOINT SOUTH OF  
 NC 16 BROOKSHIRE BLVD TO CONCRETE PAVEMENT JOINT AT I-85  
 CONNECTOR ROAD MM 35.95 TO MM 42.03*

**TYPE OF WORK:**              *MILLING AND PATCHING WITH HOT MIX ASPHALT  
 PAVEMENT MARKINGS & SNOWPLOWABLE  
 PAVEMENT MARKERS*



**GRAPHIC SCALES**



**DESIGN DATA**

ADT 2016 = 181,000  
 ADT =  
 K = %  
 D = %  
 T = % \*  
 V = 60 MPH  
 \* TTST = DUAL

**PROJECT LENGTH**

LENGTH OF ROADWAY PROJECT 50441.3.1 = 6.08 MILES  
 TOTAL LENGTH OF STATE PROJECT 50441.3.1 = 6.08 MILES

Prepared in the Office of  
**DIVISION OF HIGHWAYS**  
 DIVISION 10

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

N/A

LETTING DATE:

July 18, 2018

JOHN EDMONDS  
 PROJECT ENGINEER

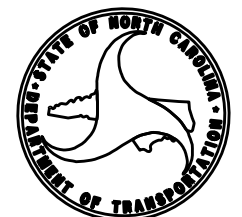
JOHN EDMONDS  
 PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

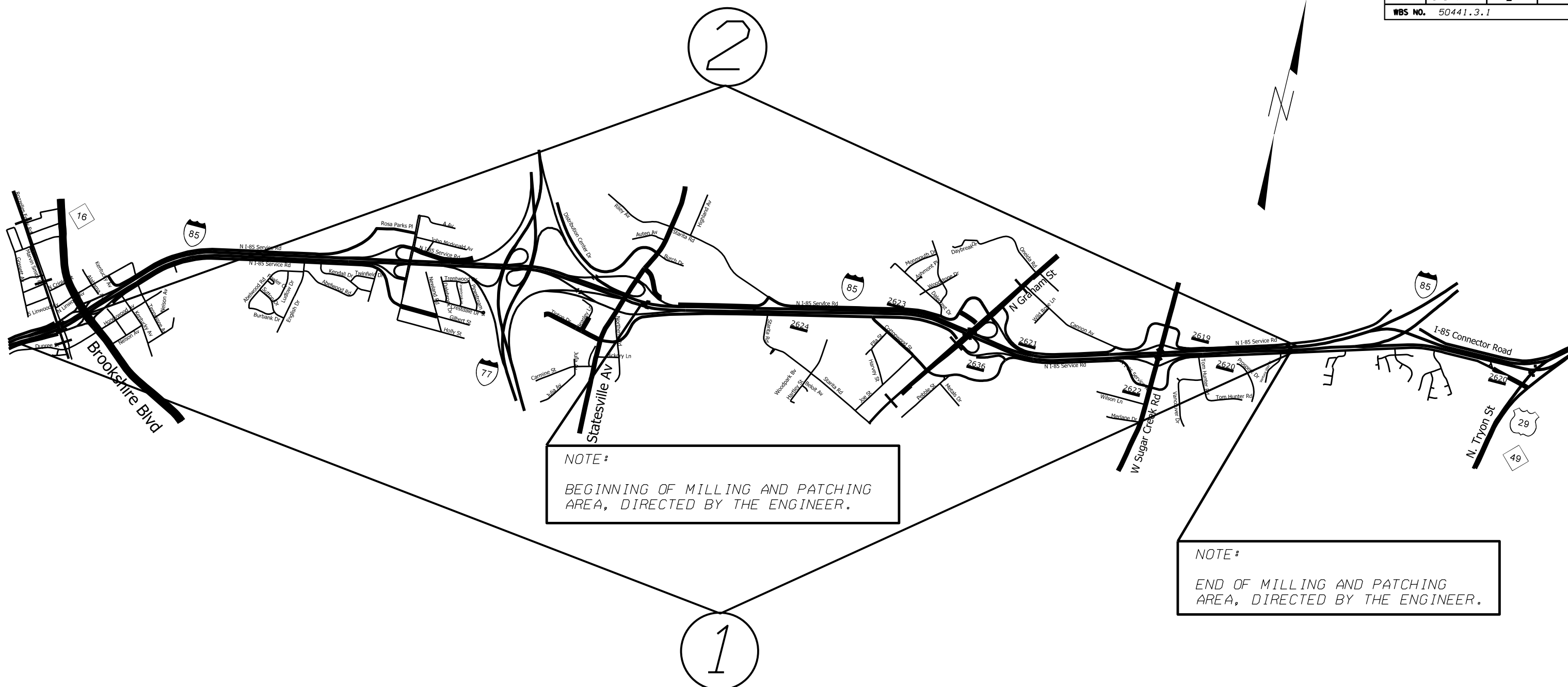
SIGNATURE: \_\_\_\_\_ P.E.

ROADWAY DESIGN  
 ENGINEER

SIGNATURE: \_\_\_\_\_ P.E.



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	1-5797	2	
WBS NO. 50441.3.1			



NOTE:  
 BEGINNING OF MILLING AND PATCHING  
 AREA, DIRECTED BY THE ENGINEER.

NOTE:  
 END OF MILLING AND PATCHING  
 AREA, DIRECTED BY THE ENGINEER.

MAPS


# 1 I-85 NORTH BOUND

# 2 I-85 SOUTH BOUND

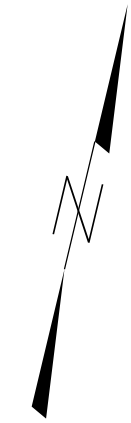
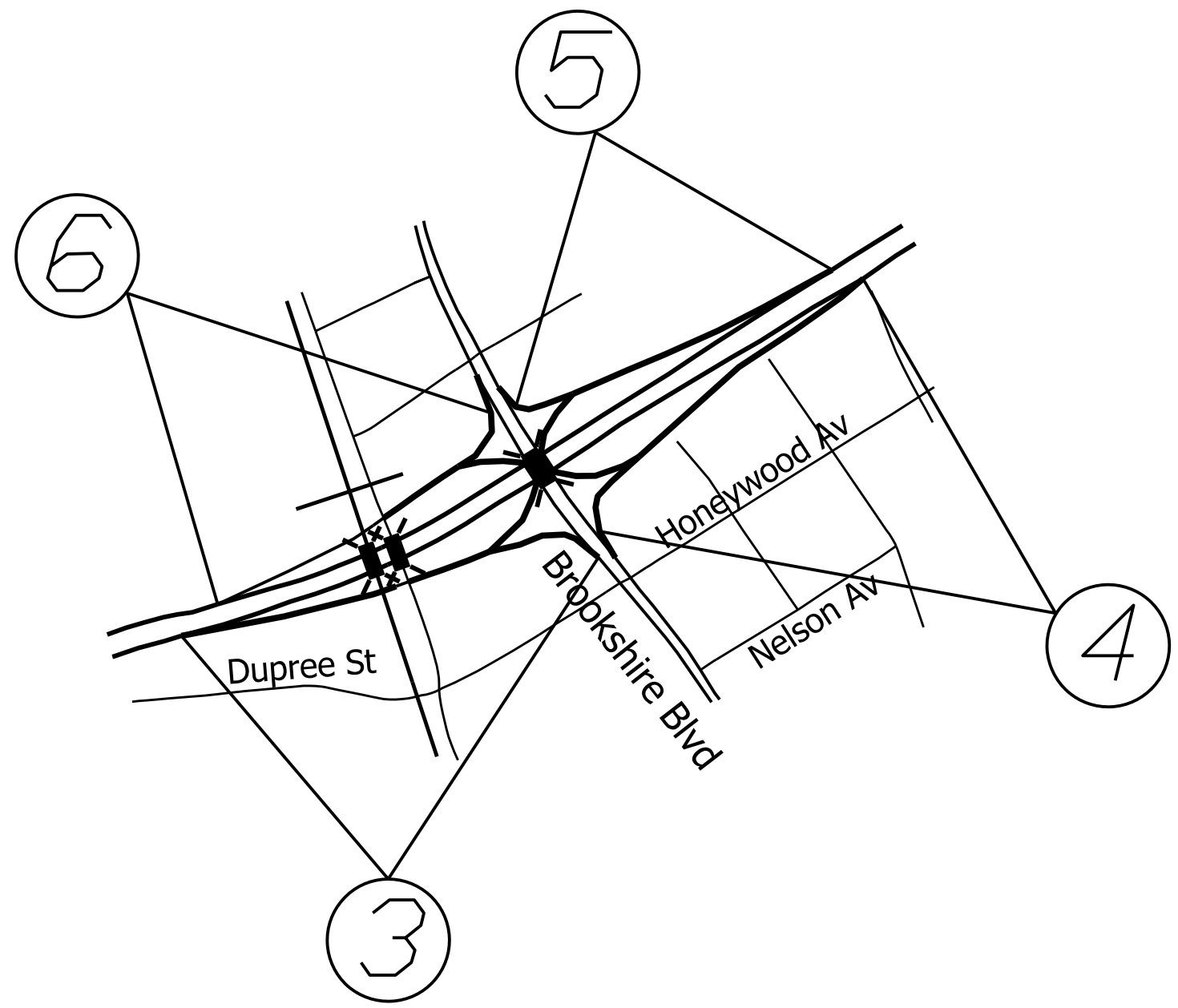
DESCRIPTION

FROM CONCRETE PAVEMENT JOINT SOUTH OF  
 BROOKSHIRE BLVD TO CONCRETE PAVEMENT  
 JOINT SOUTH OF THE I-85 CONNECTOR ROAD

FROM THE CONCRETE JOINT SOUTH  
 THE I-85 CONNECTOR TO THE CONCRETE  
 PAVEMENT JOINT SOUTH  
 OF BROOKSHIRE BLVD.

<b>1-5797 I-85 PAVEMENT PRESERVATION</b>										
SCALE	-NA-									
DATE	2/18									
DWG. BY	JHE									
DESIGN BY	JHE									
APPROVED		<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS							
REVISIONS										

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	1-5797	3	
WBS NO.	50441.3.1		



MAPS

DESCRIPTION

# 3 NB OFF RAMP

FROM PHYSICAL GORE TO TOP OF RAMP AT BROOKSHIRE BLVD.

# 4 NB ON RAMP

FROM TOP OF RAMP AT BROOKSHIRE TO PHYSICAL GORE

# 5 SB OFF RAMP

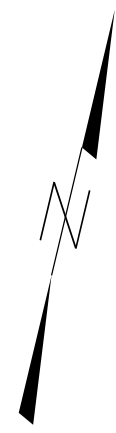
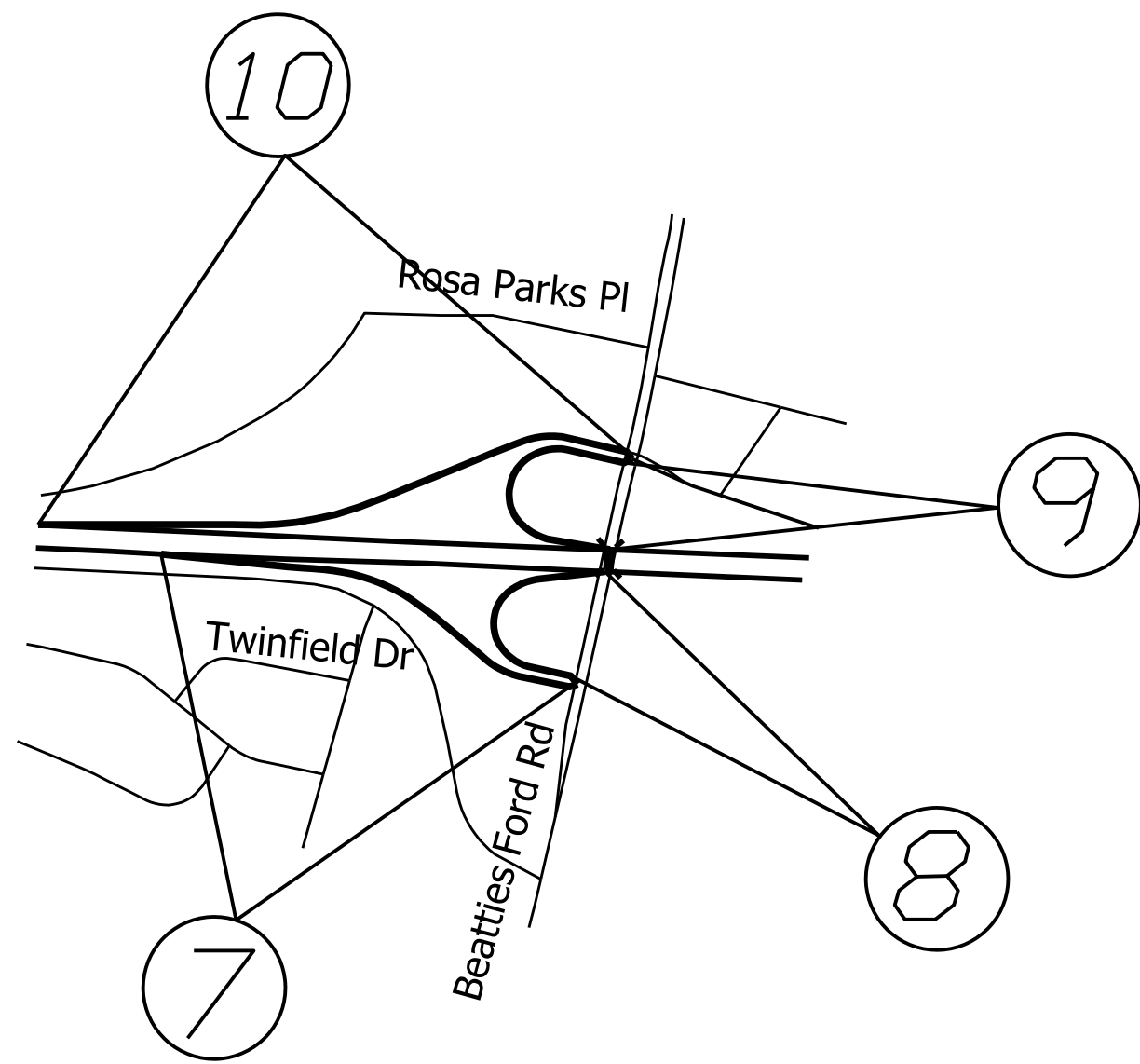
FROM PHYSICAL GORE TO TOP OF RAMP AT BROOKSHIRE BLVD.

# 6 SB ON RAMP

FROM TOP OF RAMP AT BROOKSHIRE TO PHYSICAL GORE

1-5797 I-85 PAVEMENT PRESERVATION				
SCALE	-MA-		REVISIONS	
DATE	2/18		4/6/18	
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED	TB			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	1-5797	4	
WBS NO.		50441.3.1	




MAPS

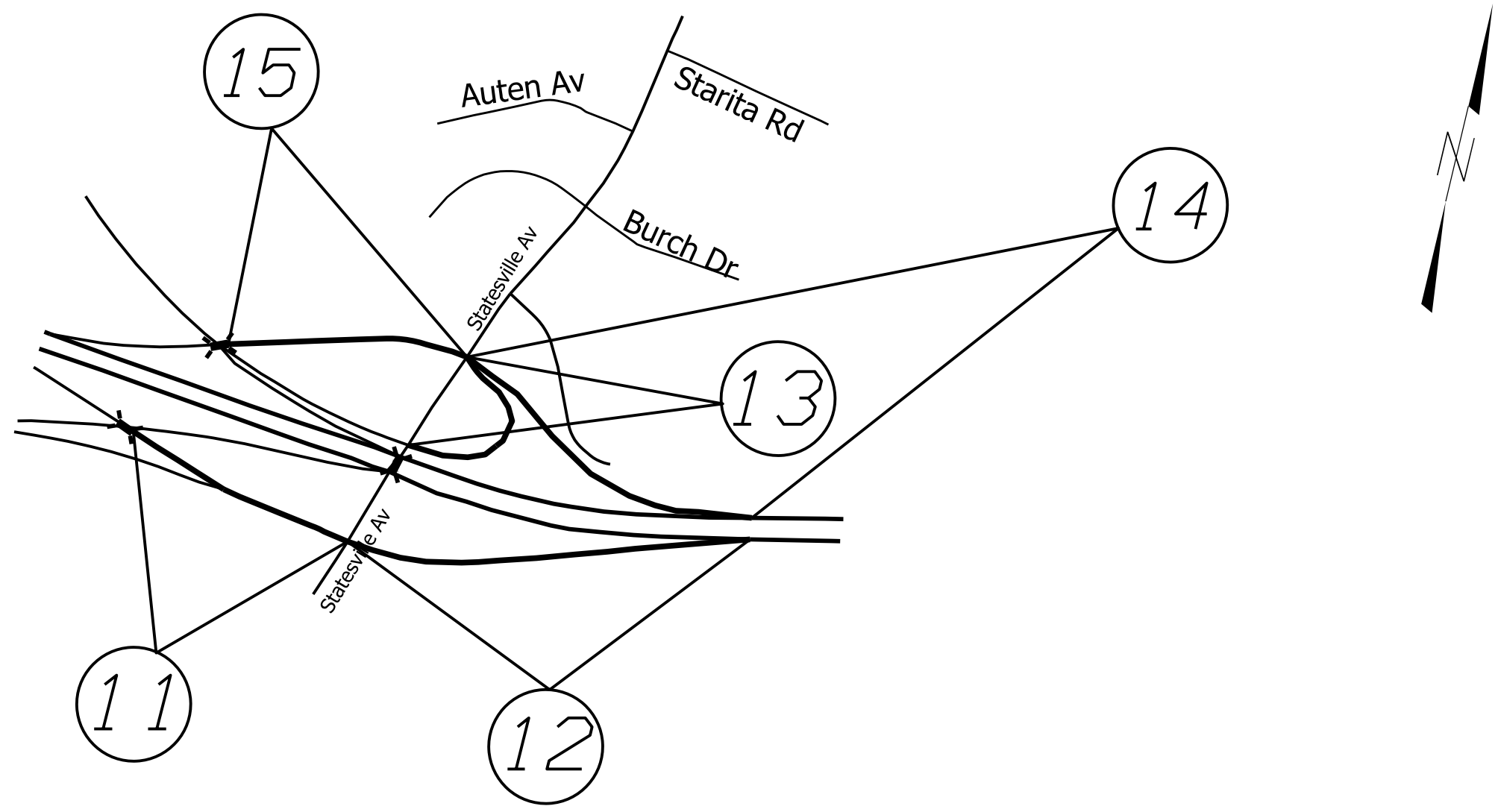
DESCRIPTION

- #7 NB OFF RAMP FROM PHYSICAL GORE TO TOP OF RAMP AT BEATTIES FORD RD
- #8 NB LOOP ON RAMP FROM TOP OF LOOP RAMP AT BEATTIES FORD RD TO PHYSICAL GORE
- #9 SB LOOP OFF RAMP FROM PHYSICAL GORE TO TOP OF LOOP RAMP AT BEATTIES FORD RD.
- #10 SB ON RAMP FROM TOP OF RAMP AT BEATTIES FORD RD TO PHYSICAL GORE

1-5797 I-85 PAVEMENT PRESERVATION		
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DATE	2/18	4/6/18
DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED	TB	



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	1-5797	5	
WBS NO. 50441.3.1			



MAPS

DESCRIPTION

# 11 NB OFF RAMP

FROM BRIDGE DECK TO TOP OF RAMP AT STATESVILLE AVE.

# 12 NB ON RAMP

FROM TOP OF RAMP AT STATESVILLE AVE TO PHYSICAL GORE

# 13 SB LOOP ON RAMP

FROM TOP OF LOOP RAMP AT STATESVILLE ROAD TO PHYSICAL GORE


# 14 SB OFF RAMP

FROM PHYSICAL GORE TO TOP OF RAMP AT STATESVILLE ROAD

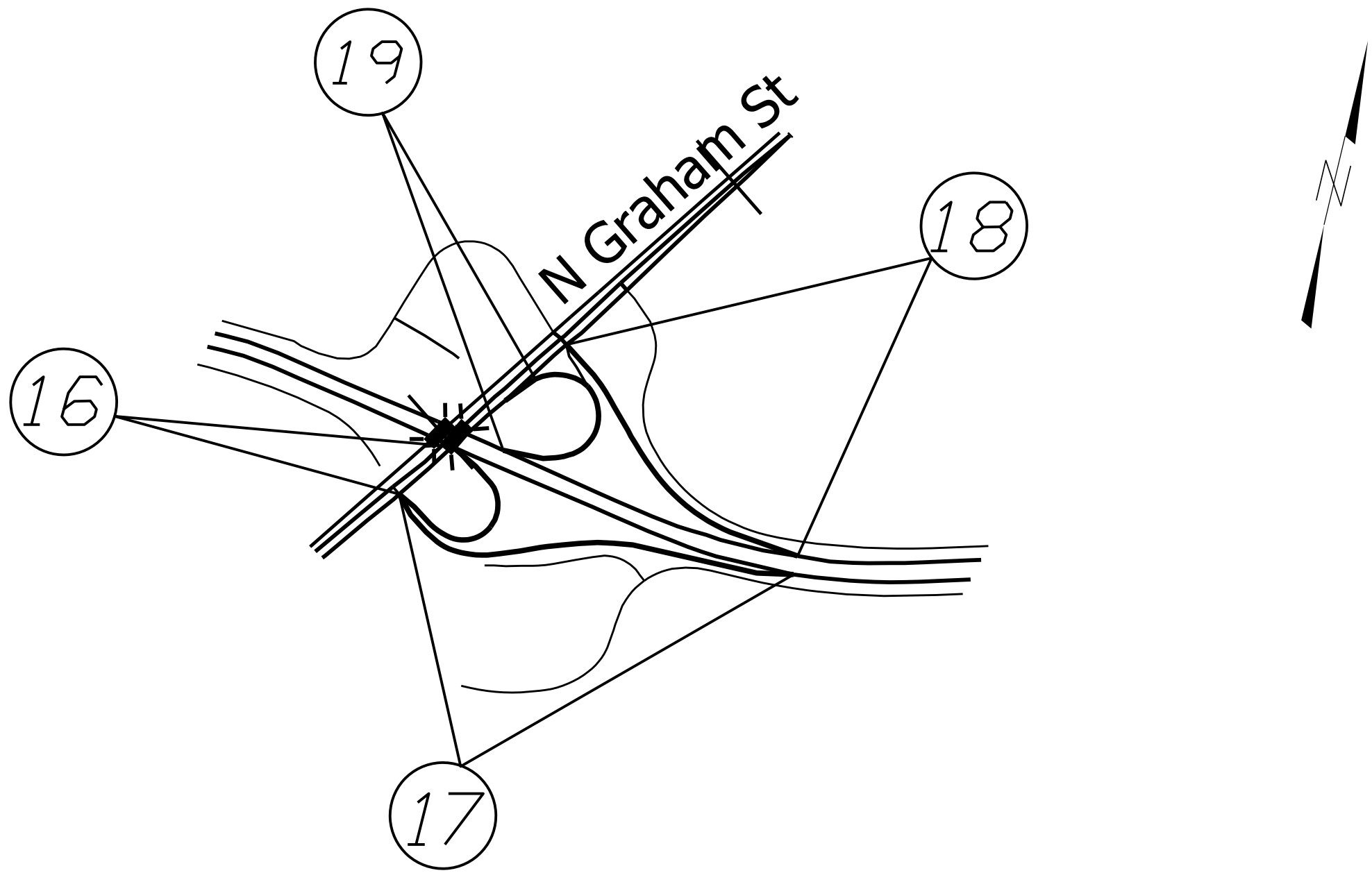
# 15 SB ON RAMP

FROM TOP OF RAMP AT STATESVILLE ROAD TO BRIDGE DECK

I-5797 I-85 PAVEMENT PRESERVATION		
SCALE	-MA-	REVISIONS
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DESIGN BY	JHE	
APPROVED	TB	



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	1-5797	6	
WBS NO.		50441.3.1	



MAPS

DESCRIPTION

# 16 NB LOOP RAMP

FROM PHYSICAL GORE TO TOP OF LOOP RAMP AT GRAHAM ST.

# 17 NB ON RAMP


FROM TOP OF RAMP AT GRAHAM ST. TO PHYSICAL GORE

# 18 SB OFF RAMP

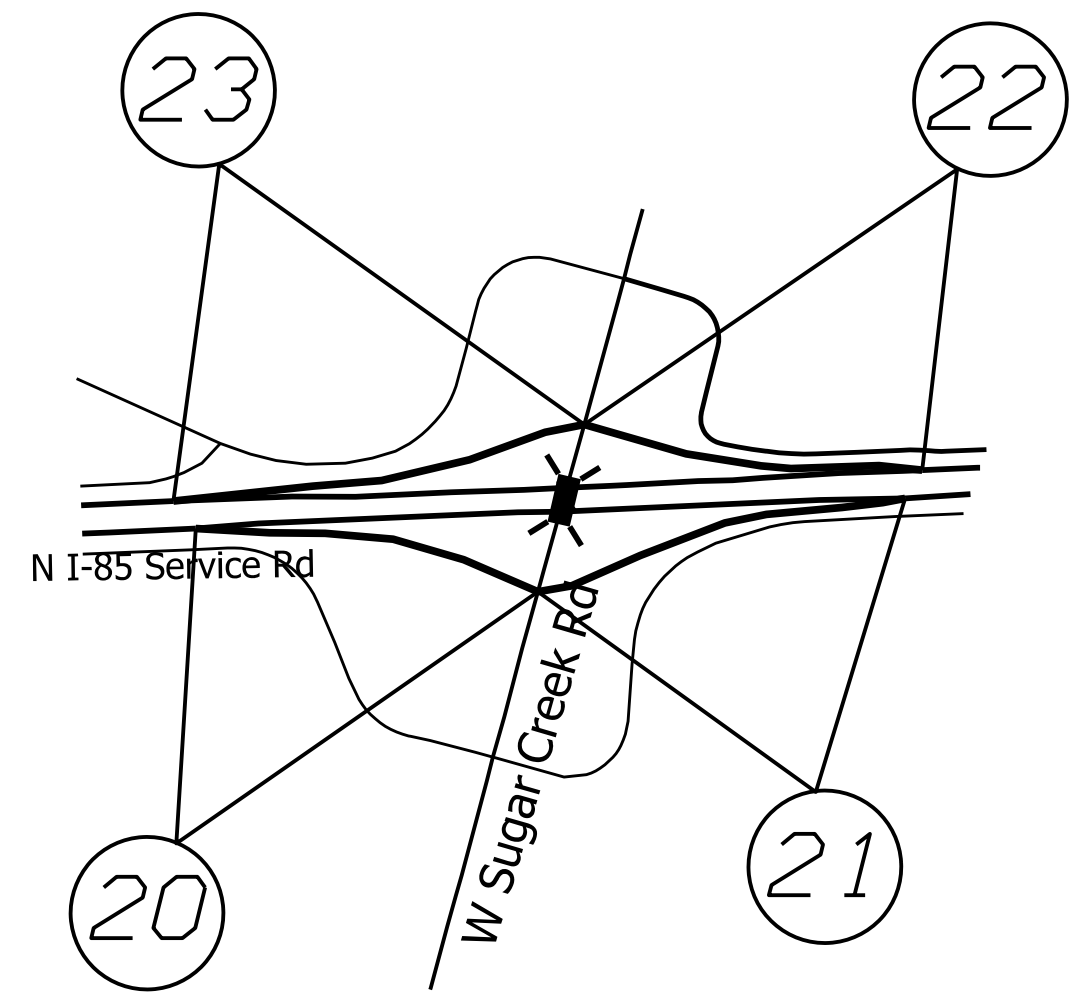
FROM PHYSICAL GORE TO TOP OF RAMP AT GRAHAM ST.

# 19 SB LOOP ON RAMP

FROM TOP OF RAMP AT GRAHAM ST. TO PHYSICAL GORE

1-5797 I-85 PAVEMENT PRESERVATION										
SCALE	-MA-									
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DESIGN BY	JHE									
APPROVED	TB									
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REVISIONS										
4/6/18										

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	1-5797	7	
WBS NO. 50441.3.1			



MAPS

DESCRIPTION

# 20 NB OFF RAMP

FROM PHYSICAL GORE TO TOP OF RAMP AT SUGAR CREEK RD

# 21 NB ON RAMP

FROM TOP OF RAMP AT SUGAR CREEK RD TO PHYSICAL GORE

# 22 SB OFF RAMP

FROM PHYSICAL GORE TO TOP OF RAMP AT SUGAR CREEK RD

# 23 SB ON RAMP

FROM TOP OF RAMP AT SUGAR CREEK RD TO PHYSICAL GORE

1-5797  
I-85 PAVEMENT PRESERVATION


SCALE	-MA-		REVISIONS	
DATE	2/18		4/6/18	
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED	TB			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	1-5797	8	
WBS NO. 50441.3.1			

PATCH LOCATIONS:

- P1 NORTH BOUND RIGHT CENTER LANE FROM MILE MARKER 38.5 TO 38.9 APPROXIMATELY 2112 FEET LONG AT 12 FOOT WIDE.
- P2 NORTH BOUND RIGHT CENTER LANE FROM MILE MARKER 40.0 TO 40.3 APPROXIMATELY 1584 FEET LONG AT 12 FOOT WIDE.
- P3 NORTH BOUND RIGHT CENTER LANE FROM MILE MARKER 41.8 TO 42.0 APPROXIMATELY 1056 FEET LONG AT 12 FOOT WIDE.
- P4 SOUTH BOUND RIGHT CENTER LANE FROM MILE MARKER 41.2 TO 41.0 APPROXIMATELY 1056 FEET LONG AT 12 FOOT WIDE.
- P5 SOUTH BOUND RIGHT CENTER LANE FROM MILE MARKER 40.1 TO 39.9 APPROXIMATELY 1056 FEET LONG AT 12 FOOT WIDE.
- P6 SOUTH BOUND RIGHT CENTER LANE FROM MILE MARKER 39.8 TO 39.4 APPROXIMATELY 2112 FEET LONG AT 12 FOOT WIDE.

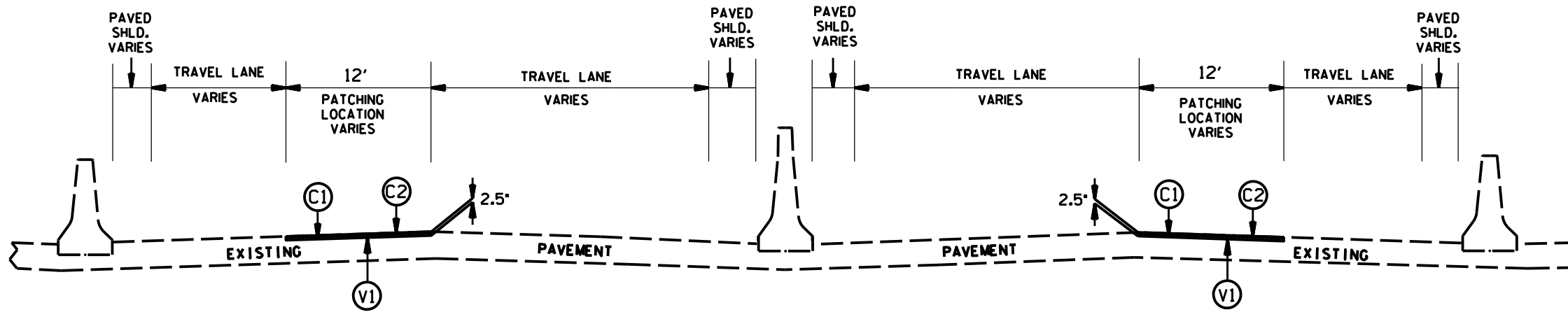
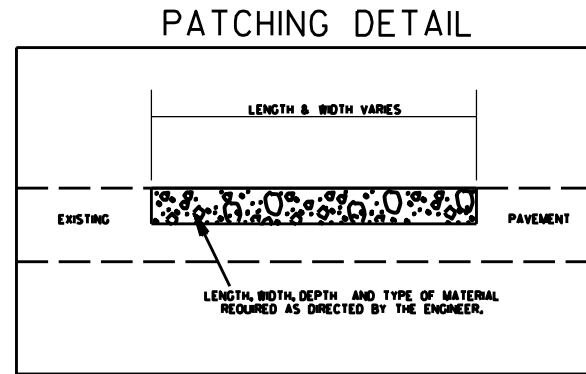
1-5797 I-85 PAVEMENT PRESERVATION		
SCALE	-NA-	REVISIONS
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DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED	TB	





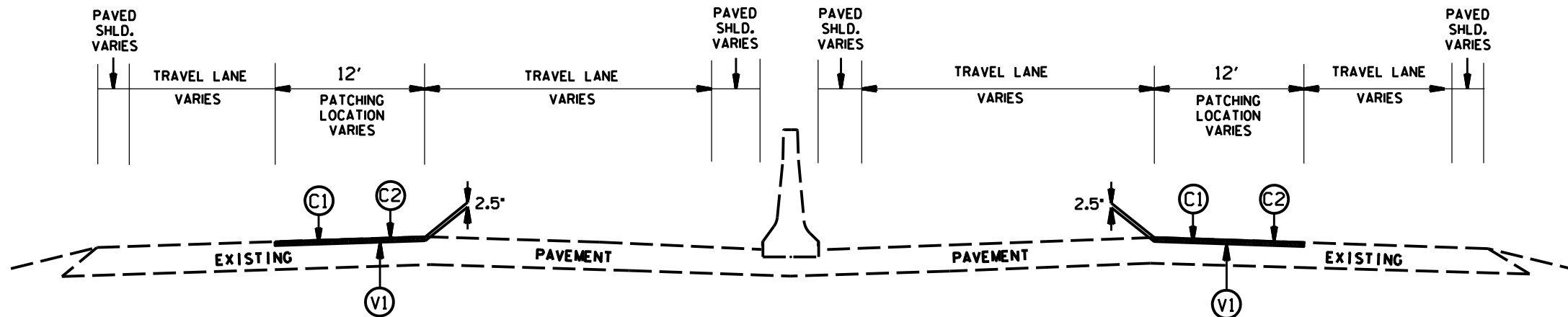
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	1-5797	9	
WBS NO. 50441.3.1			

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C2	PROP. APPROX. 5/8" OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
V1	MILLING, 2.5" DEPTH



TYPICAL SECTION NO.1

FROM STATESVILLE AVE. TO I-85 CONNECTOR RD.



TYPICAL SECTION NO.2

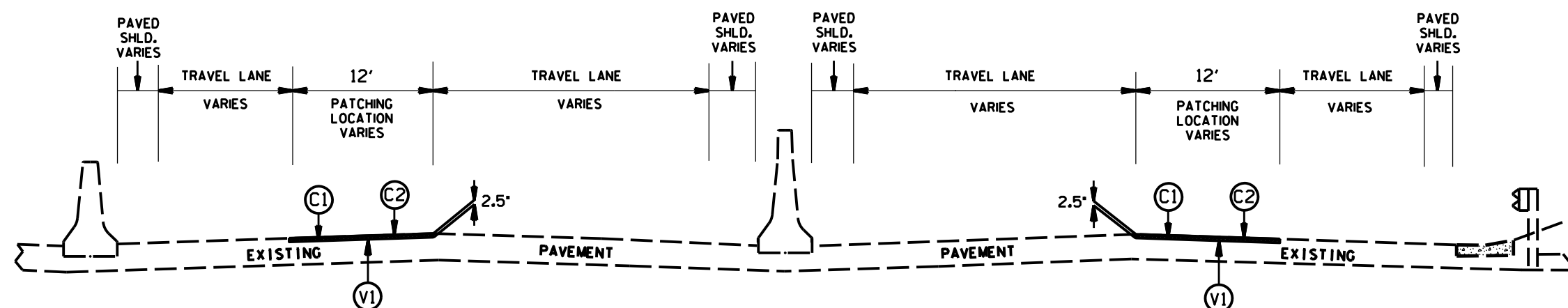
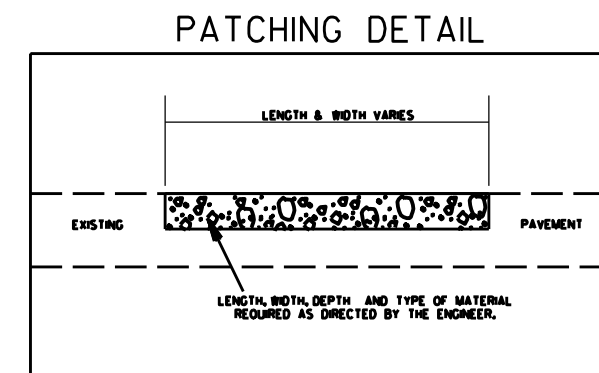
FROM STATESVILLE AVE. TO I-85 CONNECTOR RD.

1-5797 I-85 PAVEMENT PRESERVATION		
SCALE	-NA-	REVISIONS
DATE	2/18	4/6/18
DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED	TB	



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	1-5797	10	
WBS NO.	50441.3.1		

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C2	PROP. APPROX. 5/8" OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
V1	MILLING, 2.5" DEPTH



**TYPICAL SECTION NO.3**

FROM STATESVILLE AVE. TO I-85 CONNECTOR RD.

1-5797  
I-85 PAVEMENT PRESERVATION

SCALE	-NA-		REVISIONS	
DATE	2/18		4/6/18	
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED	TB			