

TIP PROJECT: I-5797

CONTRACT: DJ00277

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MECKLENBURG COUNTY

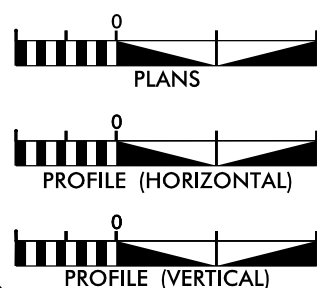
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5797	1	10
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50441.3.1	NHPIM-0085(041)	CONST.	

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:

MAY 18, 2018

JOHN EDMONDS
PROJECT ENGINEER

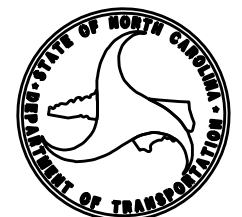
JOHN EDMONDS
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

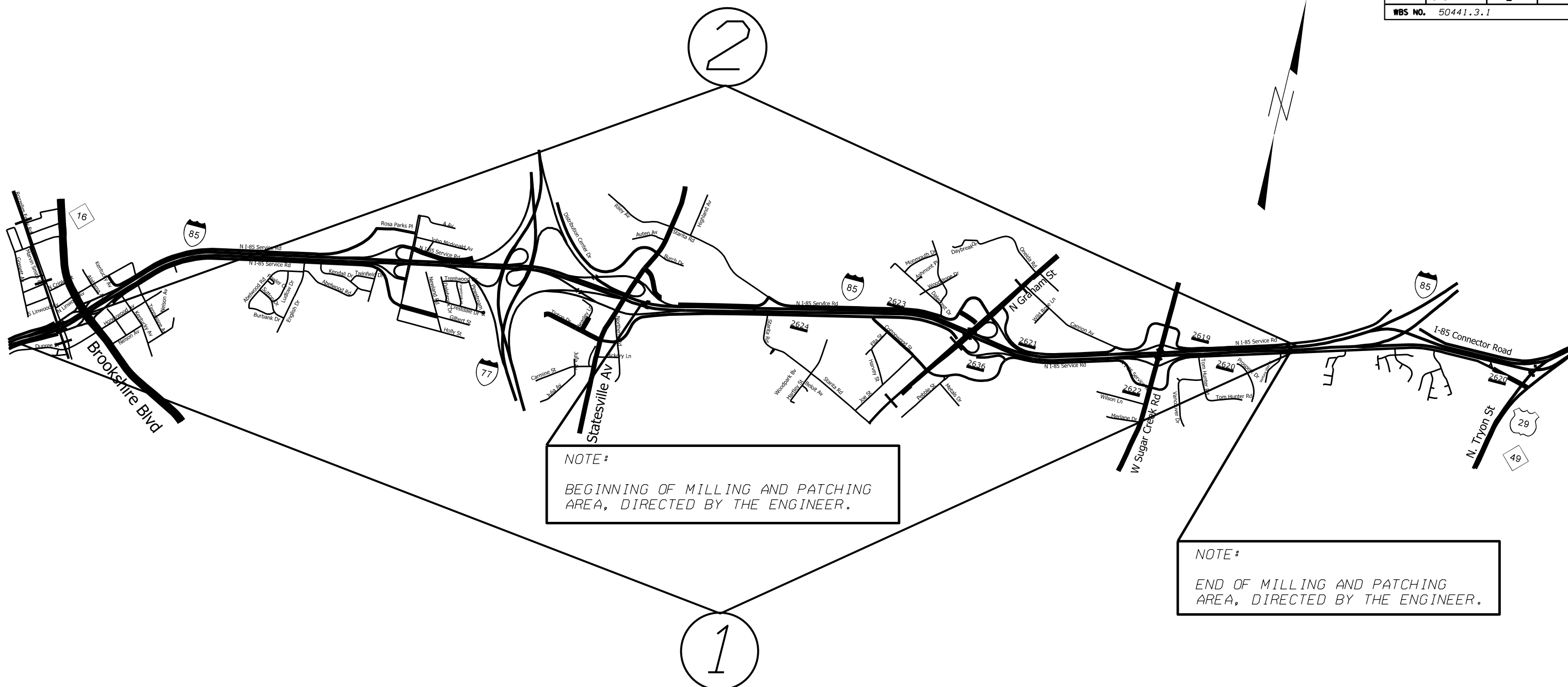
SIGNATURE: _____ P.E.

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


DESCRIPTION

1 I-85 NORTH BOUND

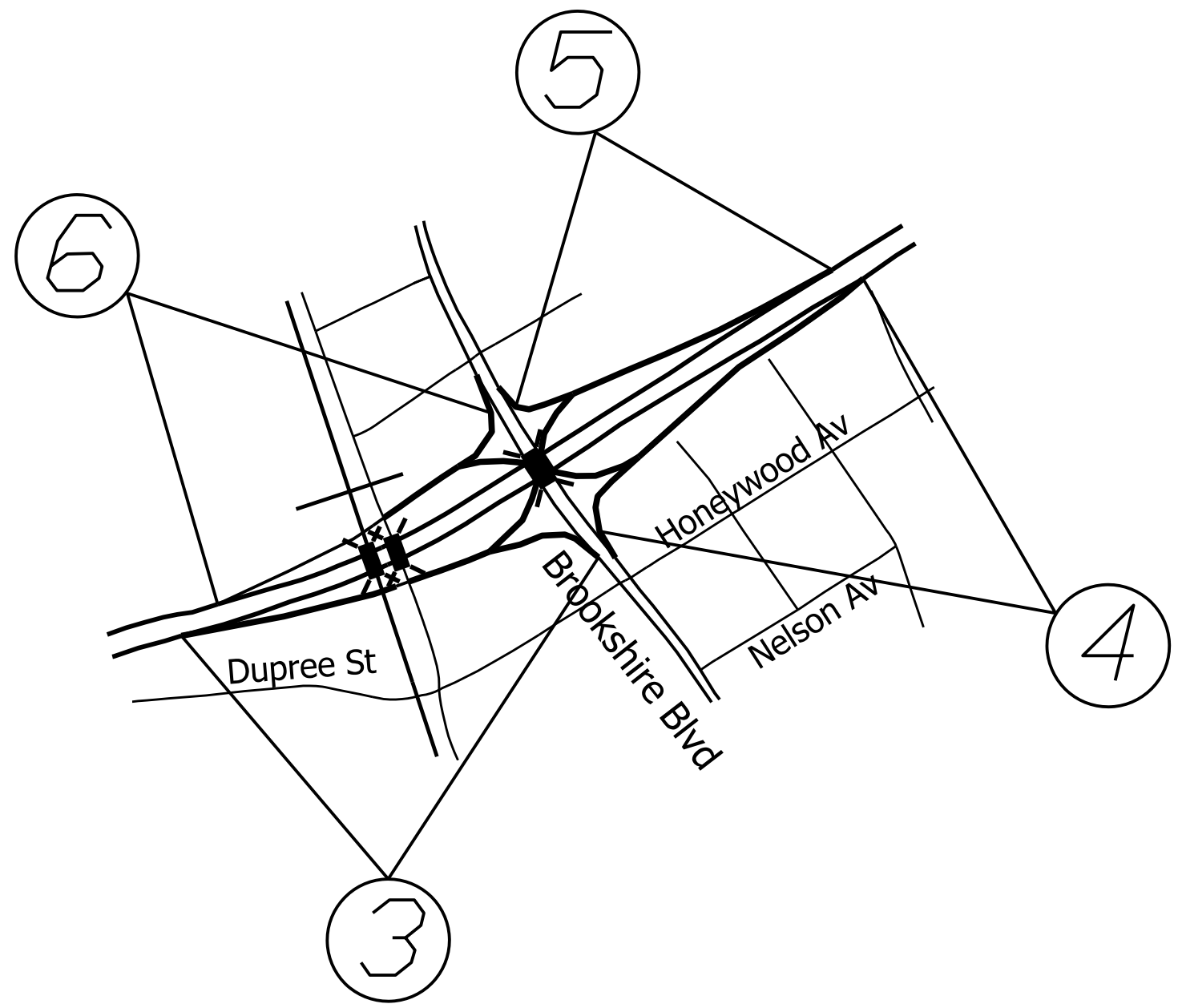
FROM CONCRETE PAVEMENT JOINT SOUTH OF
 BROOKSHIRE BLVD TO CONCRETE PAVEMENT
 JOINT SOUTH OF THE I-85 CONNECTOR ROAD

2 I-85 SOUTH BOUND

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

1-5797 I-85 PAVEMENT PRESERVATION										
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

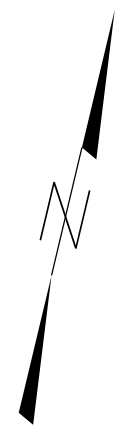
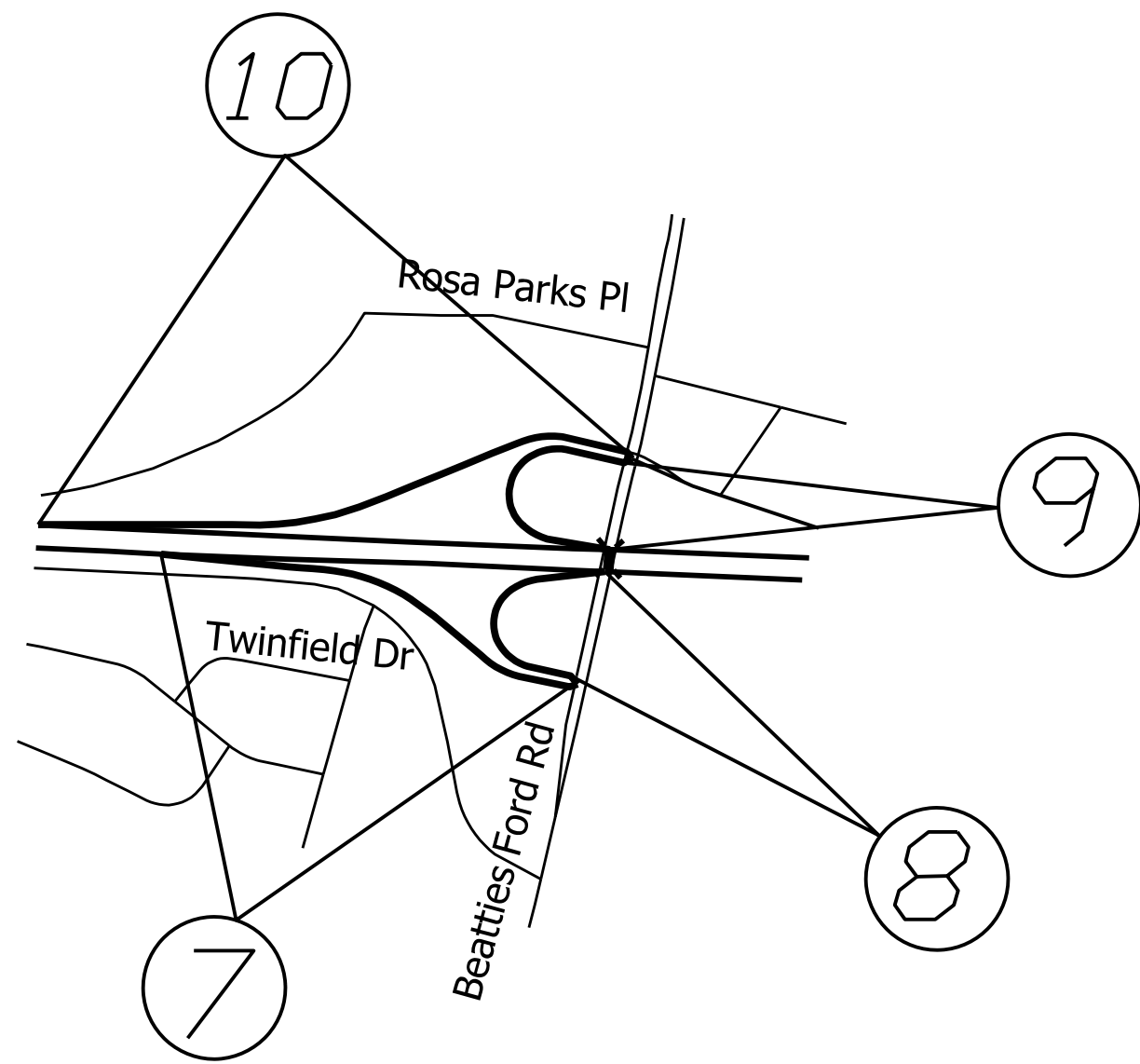
DESCRIPTION

- # 3 NB OFF RAMP
- # 4 NB ON RAMP
- # 5 SB OFF RAMP
- # 6 SB ON RAMP

- FROM PHYSICAL GORE TO TOP OF RAMP AT BROOKSHIRE BLVD.
- FROM TOP OF RAMP AT BROOKSHIRE TO PHYSICAL GORE
- FROM PHYSICAL GORE TO TOP OF RAMP AT BROOKSHIRE BLVD.
- 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		



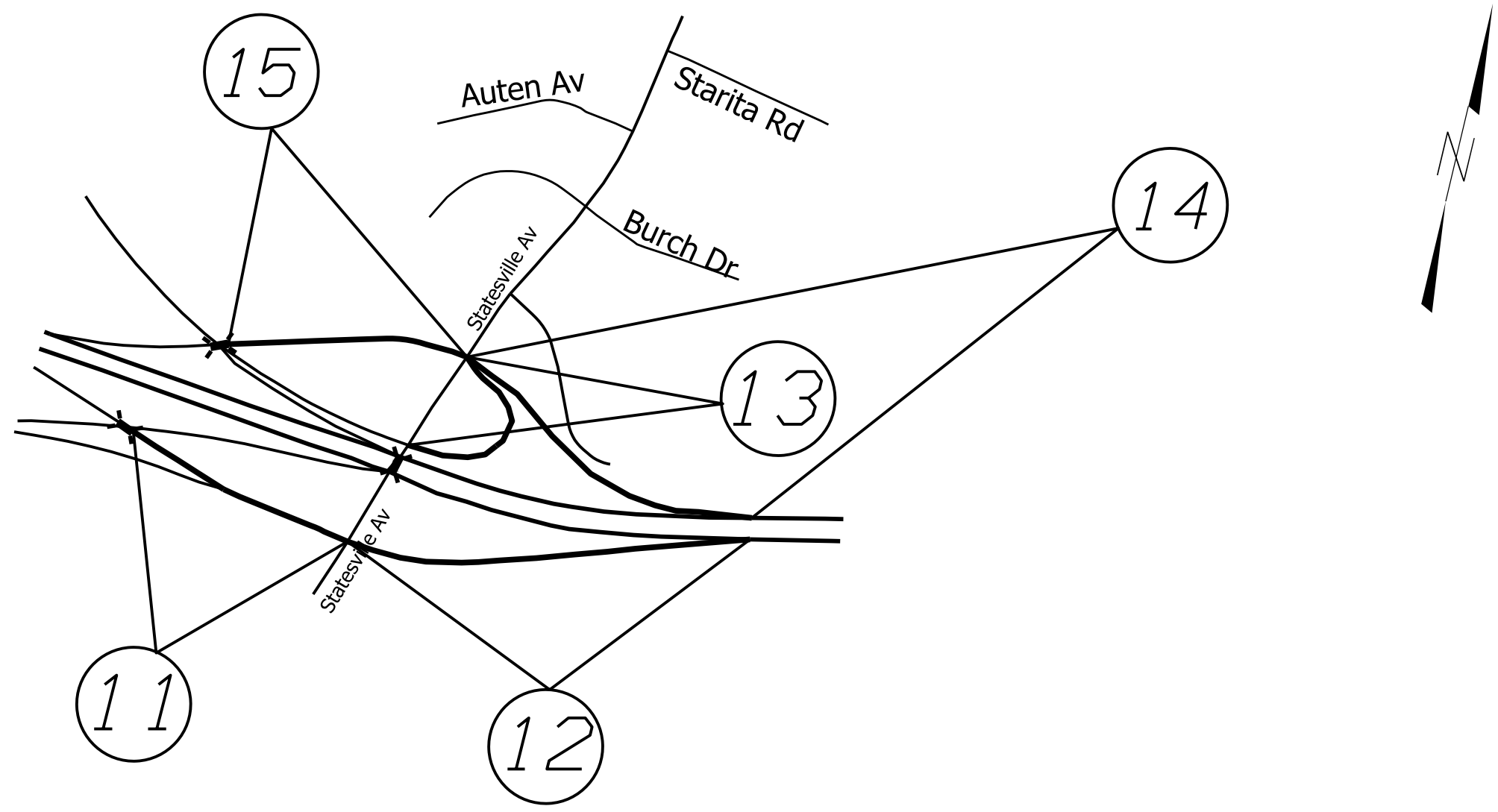
MAPS

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

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 PYHSICAL GORE TO TOP OF RAMP AT STATESVILLE ROAD

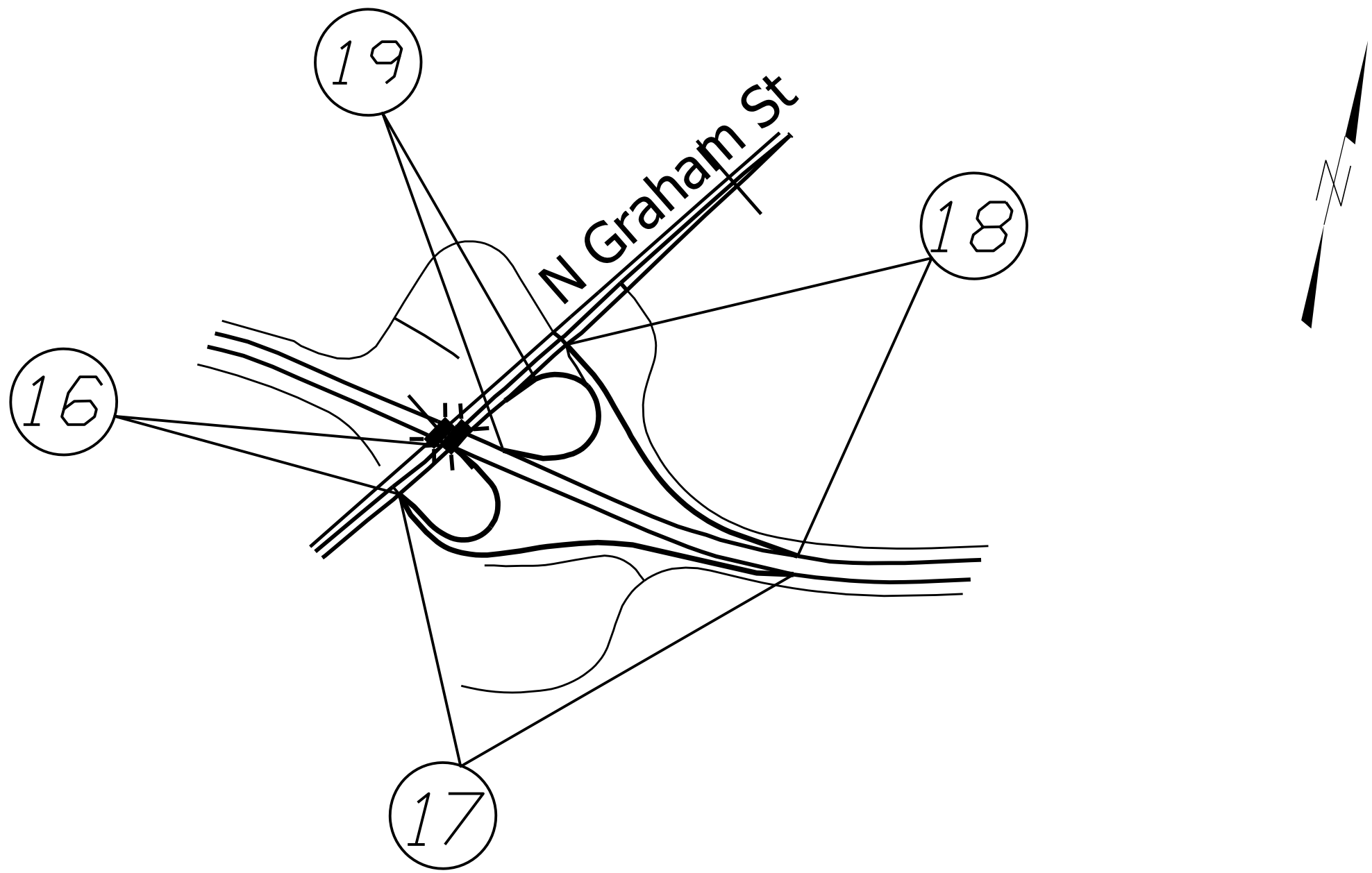
15 SB ON RAMP

FROM TOP OF RAMP AT STATESVILLE ROAD TO BRIDGE DECK

I-5797 I-85 PAVEMENT PRESERVATION		
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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.

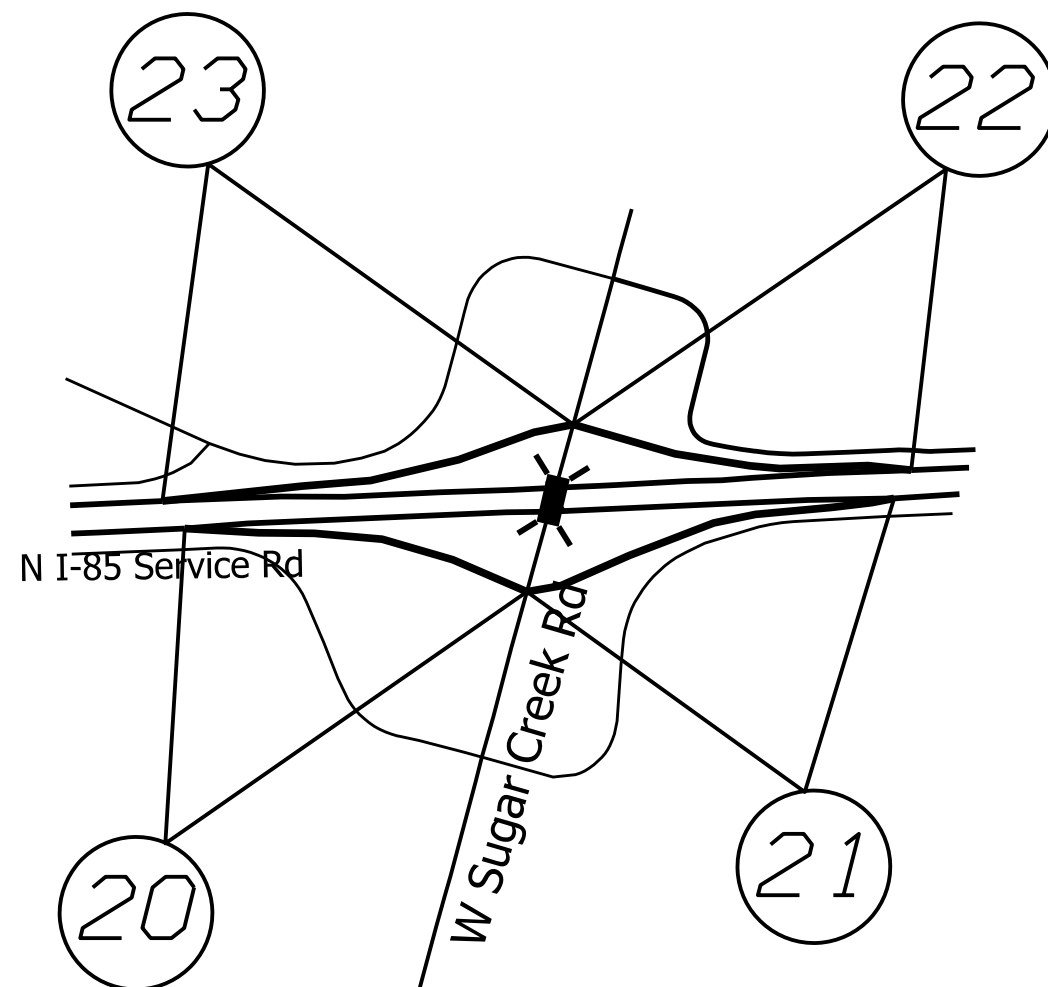
19 SB LOOP ON RAMP

FROM TOP OF RAMP AT GRAHAM ST. TO PHYSICAL GORE

1-5797 I-85 PAVEMENT PRESERVATION		
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DESIGN BY	JHE	
APPROVED	TB	



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:

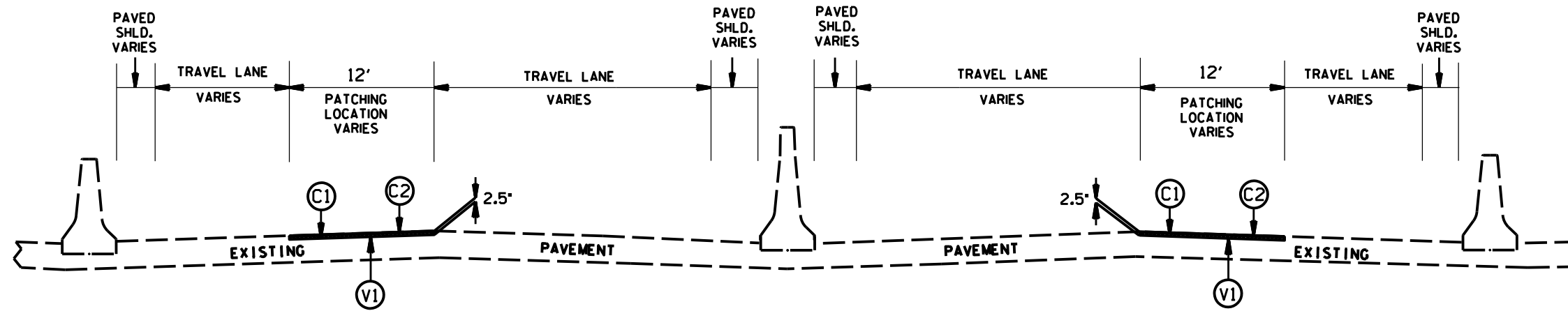
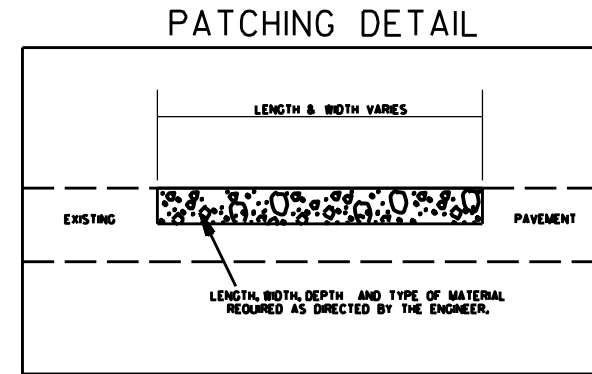
- P1 NORTH BOUND RIGHT CENTER LANE FROM MILE MARKER 38.5 TO 38.9 APPROXIMATELY 2112 FEET LONG AT 12 FOOT WIDE.
- P2 NORTH BOUND RIGHT CENTER LANE FROM MILE MARKER 40.0 TO 40.3 APPROXIMATELY 1584 FEET LONG AT 12 FOOT WIDE.
- P3 NORTH BOUND RIGHT CENTER LANE FROM MILE MARKER 41.8 TO 42.0 APPROXIMATELY 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		
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DESIGN BY	JHE	
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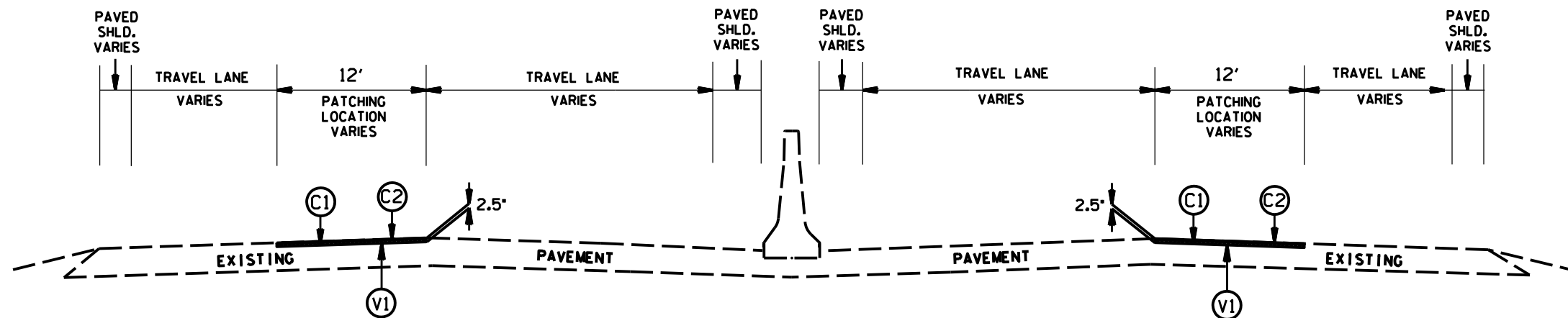
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	1-5797	9	
WBS NO.	50441.3.1		

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.



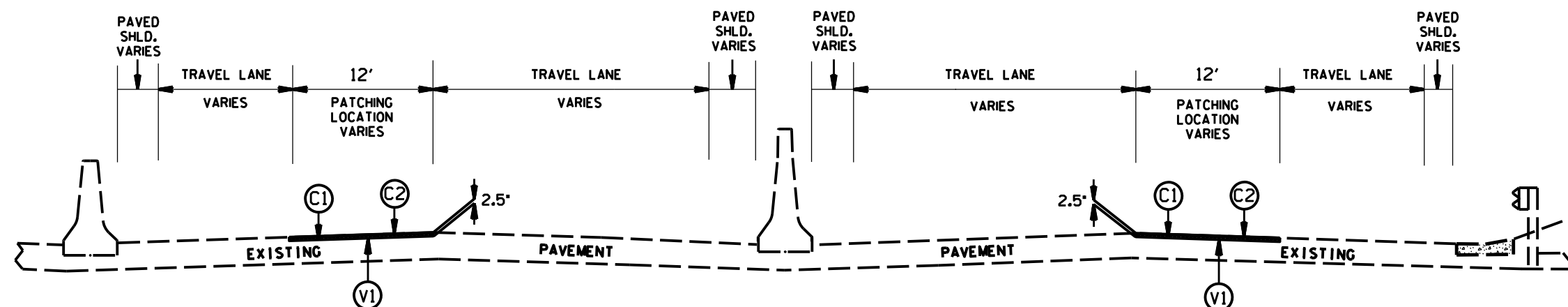
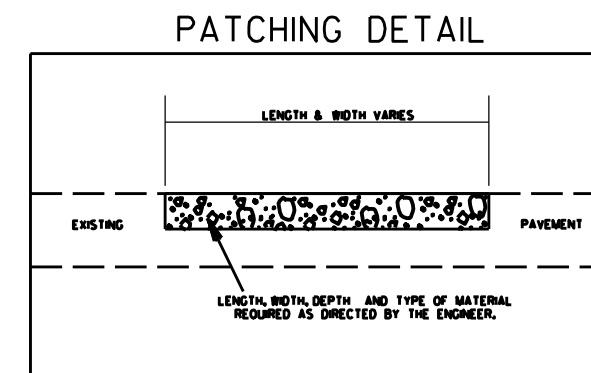
TYPICAL SECTION NO.2

FROM STATESVILLE AVE. TO I-85 CONNECTOR RD.

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

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-
DATE	2/18
DWG. BY	JHE
DESIGN BY	JHE
APPROVED	TB



REVISIONS	
4/6/18	