



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

March 8, 2017

**Addendum No. 1**

RE: Contract # C203847

WBS # 46112.3.1

F. A. # BRZ-2213(2)

**Rutherford County (B-5397)**

Bridge # 51 Over Floyds Creek On SR-2213

**March 21, 2017 Letting (Advertisement Extended from the February 21, 2017 Letting)**

To Whom It May Concern:

Reference is made to the plans and proposal furnished to you on this project.

The following revisions have been made to the plans:

Sheet No.	Revisions
Title Sheet	The let date on the Roadway Title Sheet has been revised
Title Sheet	The let date on the Structures Title Sheet has been revised

Please delete the Title Sheets in your plans and staple the revised Title Sheets thereto.

The following revisions have been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 03-8-2017".
G-3	Revised the base index price for Diesel within the project special provision entitled "Fuel Price Adjustment"
R-11	Revised the base index price for asphalt binder and the date within the project special provision entitled "Price Adjustment-Asphalt Binder For Plant Mix"

Please void the Proposal Cover and Page Nos. G-3 and R-11 in your proposal and staple the revised pages thereto.

The contract will be prepared accordingly.

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT  
1591 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1591

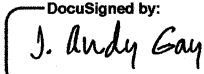
*Telephone:* (919) 707-6900  
*Fax:* (919) 250-4127  
*Customer Service:* 1-877-368-4968

*Location:*  
1020 BIRCH RIDGE DR.  
RALEIGH, NC 27610

*Website:* www.ncdot.gov

**Please delete the EBS file you previously downloaded for the February 21, 2017 letting and download the new EBS file listed for the March 21, 2017 letting. Bid Express will not accept your bid unless the new EBS file associated with the March 21, 2017 letting is used.**

Sincerely,

DocuSigned by:  
  
1C72C8D1867C48E...

Andy Gay, PE  
Proposals and Contracts Engineer

JAG/jag

cc: Mr. Lamar Sylvester, PE  
Mr. Jay Swain, PE  
Mr. Rodger Rochelle, PE  
Mr. R.E. Davenport, PE  
Mr. Ken Kennedy, PE  
Ms. Jaci Kincaid  
Project File (2)

Mr. Ray Arnold, PE  
Ms. Theresa Canales, PE  
Ms. Marsha Sample  
Mr. Mike Gwyn  
Mr. Mitchell Dixon  
Ms. Penny Higgins  
Ms. Lori Strickland

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH, N.C.

PROPOSAL

**INCLUDES ADDENDUM No. 1 DATED 03-08-2017**

DATE AND TIME OF BID OPENING: **MARCH 21, 2017 AT 2:00 PM**

CONTRACT ID C203847  
WBS 46112.3.1

FEDERAL-AID NO. BRZ-2213(2)  
COUNTY RUTHERFORD  
T.I.P. NO. B-5397  
MILES 0.137  
ROUTE NO. SR 2213  
LOCATION BRIDGE #51 OVER FLOYDS CREEK ON SR-2213.

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

**NOTICE:**

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

**BIDS WILL BE RECEIVED AS SHOWN BELOW:**

**THIS IS A ROADWAY & STRUCTURE PROPOSAL**

**5% BID BOND OR BID DEPOSIT REQUIRED**

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Line #	Description
37 - 41	Guardrail
45 - 47	Signing
55	Long-Life Pavement Markings
56 - 78	Erosion Control

**FUEL PRICE ADJUSTMENT:**

(11-15-05) (Rev. 2-18-14)

109-8

SP1 G43

Revise the *2012 Standard Specifications* as follows:

**Page 1-83, Article 109-8, Fuel Price Adjustments**, add the following:

The base index price for DIESEL #2 FUEL is \$ **1.6906** per gallon. Where any of the following are included as pay items in the contract, they will be eligible for fuel price adjustment.

The pay items and the fuel factor used in calculating adjustments to be made will be as follows:

Description	Units	Fuel Usage Factor Diesel
Unclassified Excavation	Gal/CY	0.29
Borrow Excavation	Gal/CY	0.29
Class IV Subgrade Stabilization	Gal/Ton	0.55
Aggregate Base Course	Gal/Ton	0.55
Sub-Ballast	Gal/Ton	0.55
Asphalt Concrete Base Course, Type _____	Gal/Ton	2.90
Asphalt Concrete Intermediate Course, Type _____	Gal/Ton	2.90
Asphalt Concrete Surface Course, Type _____	Gal/Ton	2.90
Open-Graded Asphalt Friction Course	Gal/Ton	2.90
Permeable Asphalt Drainage Course, Type _____	Gal/Ton	2.90
Sand Asphalt Surface Course, Type _____	Gal/Ton	2.90
Aggregate for Cement Treated Base Course	Gal/Ton	0.55
Portland Cement for Cement Treated Base Course	Gal/Ton	0.55
____ " Portland Cement Concrete Pavement	Gal/SY	0.245
Concrete Shoulders Adjacent to ____ " Pavement	Gal/SY	0.245

**SCHEDULE OF ESTIMATED COMPLETION PROGRESS:**

(7-15-08) (Rev. 5-17-16)

108-2

SP1 G58

The Contractor's attention is directed to the Standard Special Provision entitled *Availability of Funds Termination of Contracts* included elsewhere in this proposal. The Department of Transportation's schedule of estimated completion progress for this project as required by that Standard Special Provision is as follows:

	<b><u>Fiscal Year</u></b>	<b><u>Progress (% of Dollar Value)</u></b>
2018	(7/01/17 - 6/30/18)	100% of Total Amount Bid

**ASPHALT BINDER CONTENT OF ASPHALT PLANT MIXES:**

(11-21-00) (Rev. 7-17-12)

609

SP6 R15

The approximate asphalt binder content of the asphalt concrete plant mixtures used on this project will be as follows:

Asphalt Concrete Base Course	Type B 25.0	4.4%
Asphalt Concrete Intermediate Course	Type I 19.0	4.8%
Asphalt Concrete Surface Course	Type S 4.75A	6.8%
Asphalt Concrete Surface Course	Type SA-1	6.8%
Asphalt Concrete Surface Course	Type SF 9.5A	6.7%
Asphalt Concrete Surface Course	Type S 9.5	6.0%
Asphalt Concrete Surface Course	Type S 12.5	5.6%

The actual asphalt binder content will be established during construction by the Engineer within the limits established in the *2012 Standard Specifications*.

**ASPHALT PLANT MIXTURES:**

(7-1-95)

609

SP6 R20

Place asphalt concrete base course material in trench sections with asphalt pavement spreaders made for the purpose or with other equipment approved by the Engineer.

**PRICE ADJUSTMENT - ASPHALT BINDER FOR PLANT MIX:**

(11-21-00)

620

SP6 R25

Price adjustments for asphalt binder for plant mix will be made in accordance with Section 620 of the *2012 Standard Specifications*.

The base price index for asphalt binder for plant mix is \$ **339.64** per ton.

This base price index represents an average of F.O.B. selling prices of asphalt binder at supplier's terminals on **February 1, 2017**.

**FINAL SURFACE TESTING NOT REQUIRED:**

(5-18-04) (Rev. 2-16-16)

610

SP6 R45

Final surface testing is not required on this project in accordance with Section 610-13, *Final Surface Testing and Acceptance*.

**GUARDRAIL ANCHOR UNITS, TYPE 350 (TL-3):**

(4-20-04) (Rev. 7-21-15)

862

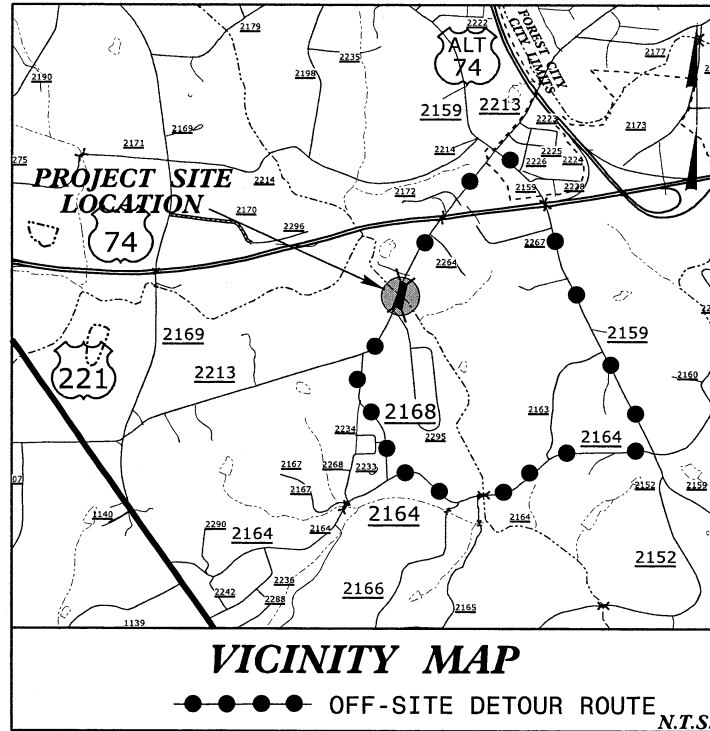
SP08 R065

**Description**

Furnish and install guardrail anchor units in accordance with the details in the plans, the applicable requirements of Section 862 of the *2012 Standard Specifications*, and at locations shown in the plans.

09/08/09

See Sheet 1A For Index of Sheets  
See Sheet 1B For Conventional Symbols



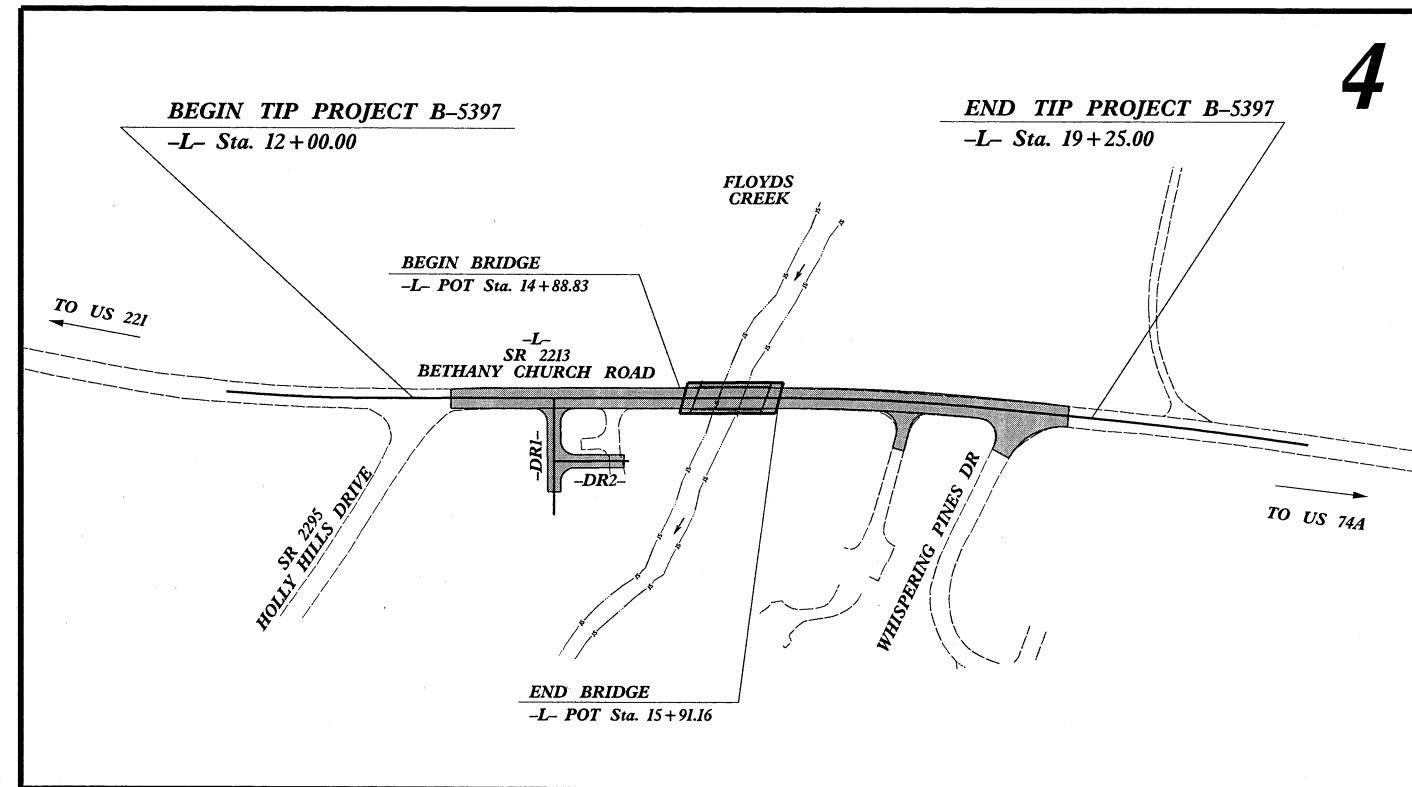
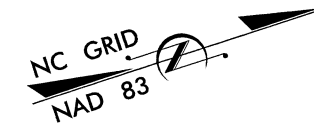
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**RUTHERFORD COUNTY**

LOCATION: BRIDGE NO. 51 OVER FLOYDS CREEK  
ON SR 2213 (BETHANY CHURCH ROAD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

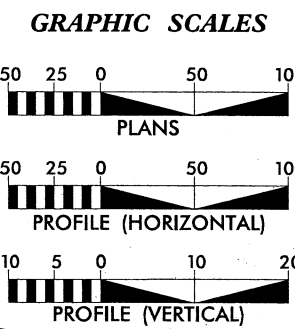
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N.C.	B-5397	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46112.1.1	BRZ-2213(2)	P.E.	
46112.2.1	BRZ-2213(2)	R/W	
46112.2.1	BRZ-2213(2)	UTILITY	
46112.3.1	BRZ-2213(2)	CONST.	



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

TIP PROJECT: B-5397

CONTRACT: C203847



**DESIGN DATA**

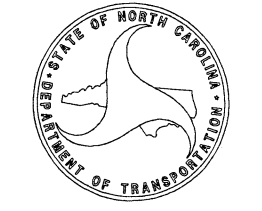
ADT 2017 =	5,000
ADT 2040 =	5,400
K =	10 %
D =	55 %
T =	6 % *
V =	40 MPH
* TTST =	1% DUAL 5%
FUNC CLASS =	LOCAL
SUB-REGIONAL TIER	

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-5397	=	0.118 mi.
LENGTH STRUCTURE TIP PROJECT B-5397	=	0.019 mi.
TOTAL LENGTH TIP PROJECT B-5397	=	0.137 mi.

<p>PLANS PREPARED BY:</p> <p><b>CH ENGINEERING</b></p> <p>3220 GLEN ROYAL RD. RALEIGH, NC 27817 TELE 919.788.0224 FAX 919.788.0232 NC LICENSE #P-0189</p> <p>2012 STANDARD SPECIFICATIONS</p>	<p>PLANS PREPARED FOR:</p> <p>DIVISION OF HIGHWAYS</p> <p>1000 Birch Ridge Dr. Raleigh, NC 27610</p>
<p>RIGHT OF WAY DATE:</p> <p>FEBRUARY 19, 2016</p>	<p><b>BRIAN A. WILES, PE</b> PROJECT ENGINEER</p>
<p>LETTING DATE:</p> <p>MARCH 21, 2017</p>	<p><b>BRENDA MOORE, PE</b> NCDOT CONTACT</p>

<p><b>HYDRAULICS ENGINEER</b></p> <p>2/21/2017</p> <p>DocuSigned by: <b>Joshua G. Dalton</b> SIGNATURE: 1398ANDRC14894C3</p>	
<p><b>ROADWAY DESIGN ENGINEER</b></p> <p>2/21/2017</p> <p>DocuSigned by: <b>Brian A Wiles</b> SIGNATURE: 88900DFEA2E34DE...</p>	



2/21/2017 R:\R0000000\Proj\B5397\_Rdy\_tsh.dgn -USERNAME-

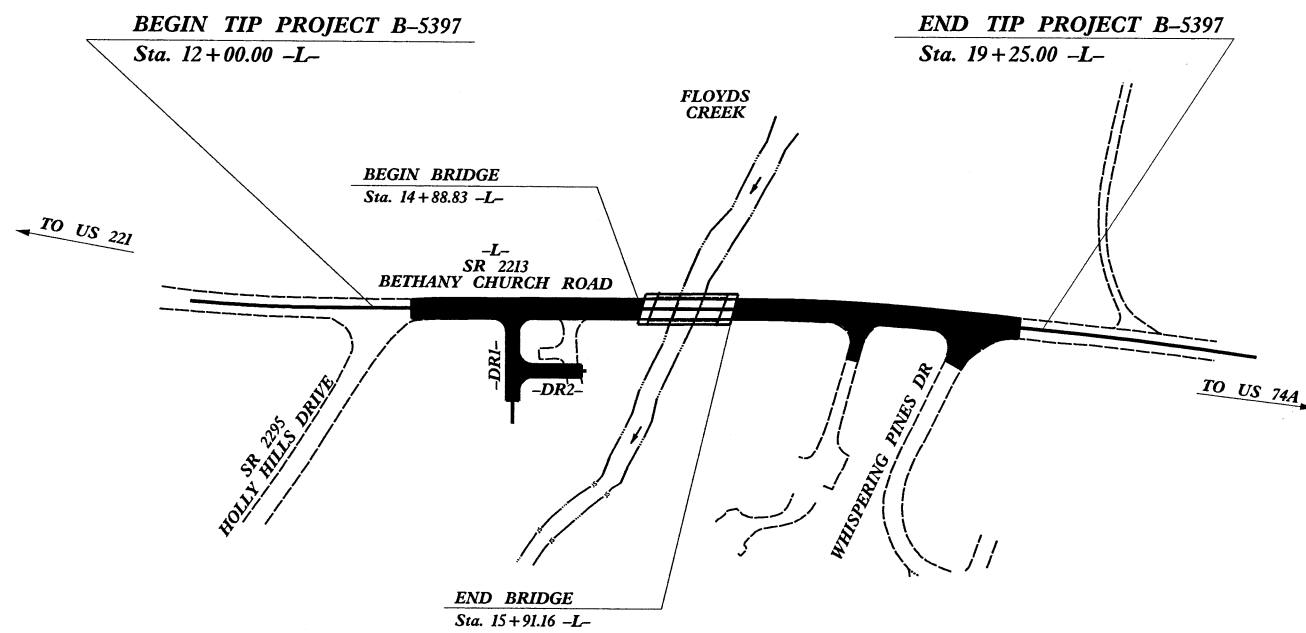
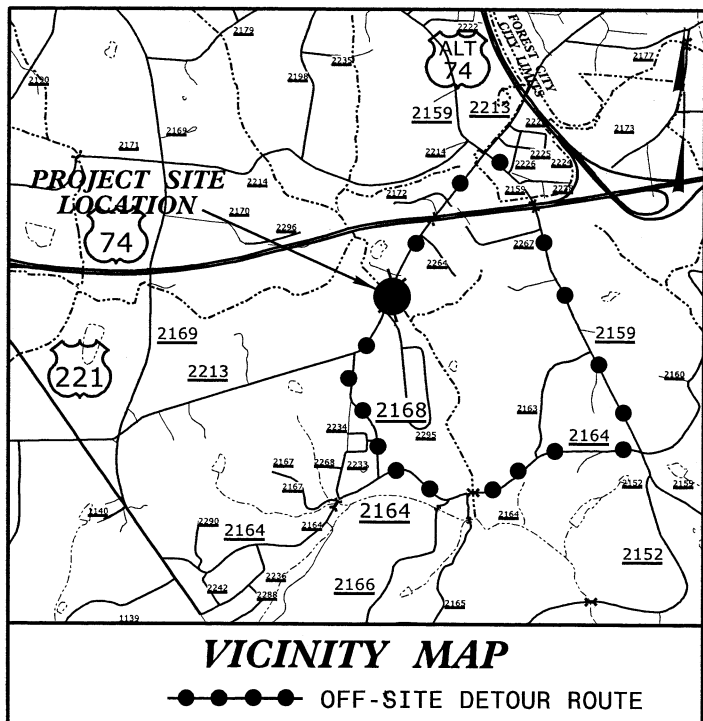
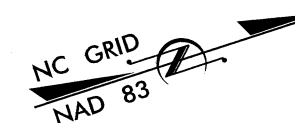
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**RUTHERFORD COUNTY**

LOCATION: BRIDGE NO. 51 OVER FLOYDS CREEK  
ON SR 2213 (BETHANY CHURCH ROAD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5397		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46112.1.1	BRZ-2213(2)	P.E.	
46112.2.1	BRZ-2213(2)	RAW	
46112.3.1	BRZ-2213(2)	CONSTRUCTION	



**STRUCTURE**



**DESIGN DATA**  
 ADT 2017 = 5,000  
 ADT 2040 = 5,400  
 K = 10 %  
 D = 55 %  
 T = 6 % \*  
 V = 40 MPH  
 \* TTST = 1% DUAL 5%  
 FUNC. CLASSIFICATION =  
 LOCAL SUB-REGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-5397 = 0.118 mi.  
 LENGTH STRUCTURE TIP PROJECT B-5397 = 0.019 mi.  
 TOTAL LENGTH TIP PROJECT B-5397 = 0.137 mi.

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
 STRUCTURES MANAGEMENT UNIT  
 1000 BIRCH RIDGE DR.  
 RALEIGH, N.C. 27610

2012 STANDARD SPECIFICATIONS

LETTING DATE:  
 MARCH 21, 2017

MARC G. CHEEK, PE  
 PROJECT DESIGN ENGINEER

TIP PROJECT: B-5397

CONTRACT: C203847

09/08/19