



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

February 12, 2019

Addendum No. 1

RE: Contract # C204275
WBS # 15005.1092017
STATE FUNDED
Wake County
US-70 PIPE REPLACEMENT

February 19, 2019 Letting

To Whom It May Concern:

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

The following revisions have been made to the Roadway plans:

Sheet No.	Revision
EC-1	Revised name of Plan Reviewer
EC-3	Revised erosion control design

Please void the above listed sheets in your plans and staple the revised plan 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 02-12-2019"

Please void the Proposal Cover and staple the revised Proposal Cover thereto.

On the item sheets the following pay items have been revised:


<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
043-6012000000-E-1610	Sediment Control Stone	40 TON	45 TON
050-6042000000-E-1632	¼" Hardware Cloth	80 LF	100 LF

The Contractor's bid must be based on these revised pay item quantities.

The electronic bidding file has been updated to reflect these revisions. Please download the Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

The contract will be prepared accordingly.

Sincerely,

DocuSigned by:

 F81B6038A47A442...

Ronald E. Davenport, Jr., PE
 State Contract Officer

RED/jjr
 Attachments

cc: Mr. Lamar Sylvester, PE
 Mr. Joey Hopkins, PE
 Mr. Ron Hancock, PE
 Mr. Jon Weathersbee, PE
 Mr. Ken Kennedy, PE
 Mr. Mitchell Dixon
 Project File (2)

Mr. Ray Arnold, PE
 Mr. Mike Gwyn
 Ms. Lori Strickland
 Ms. Jaci Kincaid
 Ms. Penny Higgins
 Mr. Alex Foster

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

PROPOSAL

INCLUDES ADDENDUM No.1 DATED 2-12-2019

DATE AND TIME OF BID OPENING: **FEBRUARY 19, 2019 AT 2:00 PM**

CONTRACT ID C204275
WBS 15005.1092017

FEDERAL-AID NO. STATE FUNDED
COUNTY WAKE
T.I.P. NO.
MILES 0.100
ROUTE NO. US 70
LOCATION US-70 PIPE REPLACEMENT

TYPE OF WORK GRADING AND DRAINAGE.

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 PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

County : Wake

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0063000000-N	SP	GRADING	Lump Sum	L.S.	
0004	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	20 TON		
0005	0320000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	60 SY		
0006	0335300000-E	305	18" DRAINAGE PIPE	60 LF		
0007	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	8 LF		
0008	0402000000-E	310	48" RC PIPE CULVERTS, CLASS III	92 LF		
0009	0973100000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (48", 0.500")	120 LF		
0010	0973300000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.500")	40 LF		
0011	1220000000-E	545	INCIDENTAL STONE BASE	5 TON		
0012	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	4 TON		
0013	2209000000-E	838	ENDWALLS	12 CY		
0014	2275000000-E	SP	FLOWABLE FILL	22 CY		
0015	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	4 EA		
0016	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	15 LF		
0017	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	3 EA		
0018	2396000000-N	840	FRAME WITH COVER, STD 840.54	1 EA		

County : Wake

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0019	2570000000-N	SP	MODIFIED CONCRETE FLUME	1		EA
0020	2619000000-E	850	4" CONCRETE PAVED DITCH	54		SY
0021	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	5		EA
0022	3380000000-E	862	TEMPORARY STEEL BEAM GUARDRAIL	225		LF
0023	3382000000-E	862	TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED)	50		LF
0024	3389150000-N	SP	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)	3		EA
0025	3210000000-N	862	GUARDRAIL END UNITS, TYPE CAT-1	3		EA
0026	3628000000-E	876	RIP RAP, CLASS I	50		TON
0027	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	55		SY
0028	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	200		SF
0029	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	453		SF
0030	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	16		SF
0031	4415000000-N	1115	FLASHING ARROW BOARD	2		EA
0032	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	2		EA
0033	4430000000-N	1130	DRUMS	106		EA
0034	4445000000-E	1145	BARRICADES (TYPE III)	16		LF
0035	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	1		EA
0036	4480000000-N	1165	TMA	2		EA
0037	4485000000-E	1170	PORTABLE CONCRETE BARRIER	220		LF

County : Wake

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0038	4510000000-N	1190	LAW ENFORCEMENT	50		
				HR		
0039	4516000000-N	1180	SKINNY DRUM	106		
				EA		
0040	6000000000-E	1605	TEMPORARY SILT FENCE	155		
				LF		
0041	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	20		
				TON		
0042	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	10		
				TON		
0043	6012000000-E	1610	SEDIMENT CONTROL STONE	45		
				TON		
0044	6015000000-E	1615	TEMPORARY MULCHING	0.5		
				ACR		
0045	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	100		
				LB		
0046	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	0.5		
				TON		
0047	6024000000-E	1622	TEMPORARY SLOPE DRAINS	200		
				LF		
0048	6030000000-E	1630	SILT EXCAVATION	40		
				CY		
0049	6036000000-E	1631	MATTING FOR EROSION CONTROL	365		
				SY		
0050	6042000000-E	1632	1/4" HARDWARE CLOTH	100		
				LF		
0051	6070000000-N	1639	SPECIAL STILLING BASINS	1		
				EA		
0052	6084000000-E	1660	SEEDING & MULCHING	0.5		
				ACR		
0053	6090000000-E	1661	SEED FOR REPAIR SEEDING	50		
				LB		
0054	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25		
				TON		
0055	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	50		
				LB		
0056	6108000000-E	1665	FERTILIZER TOPDRESSING	0.25		
				TON		

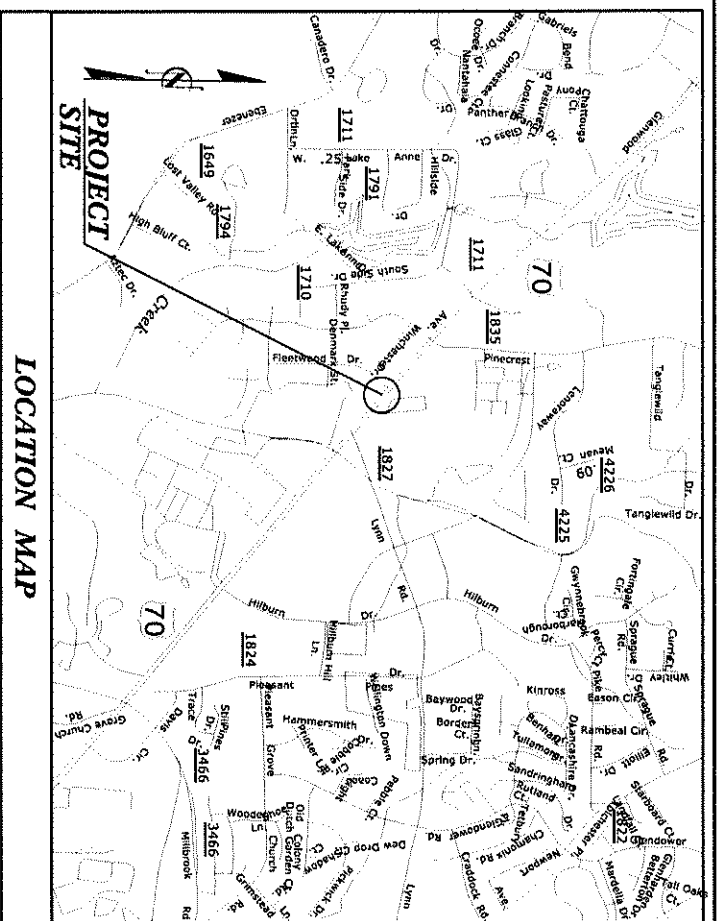
County : Wake

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0057	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	1 EA		

1450/Feb11/Q3228.0/D211746850000/E57

Total Amount Of Bid For Entire Project :

TIP PROJECT: 15005.1092017



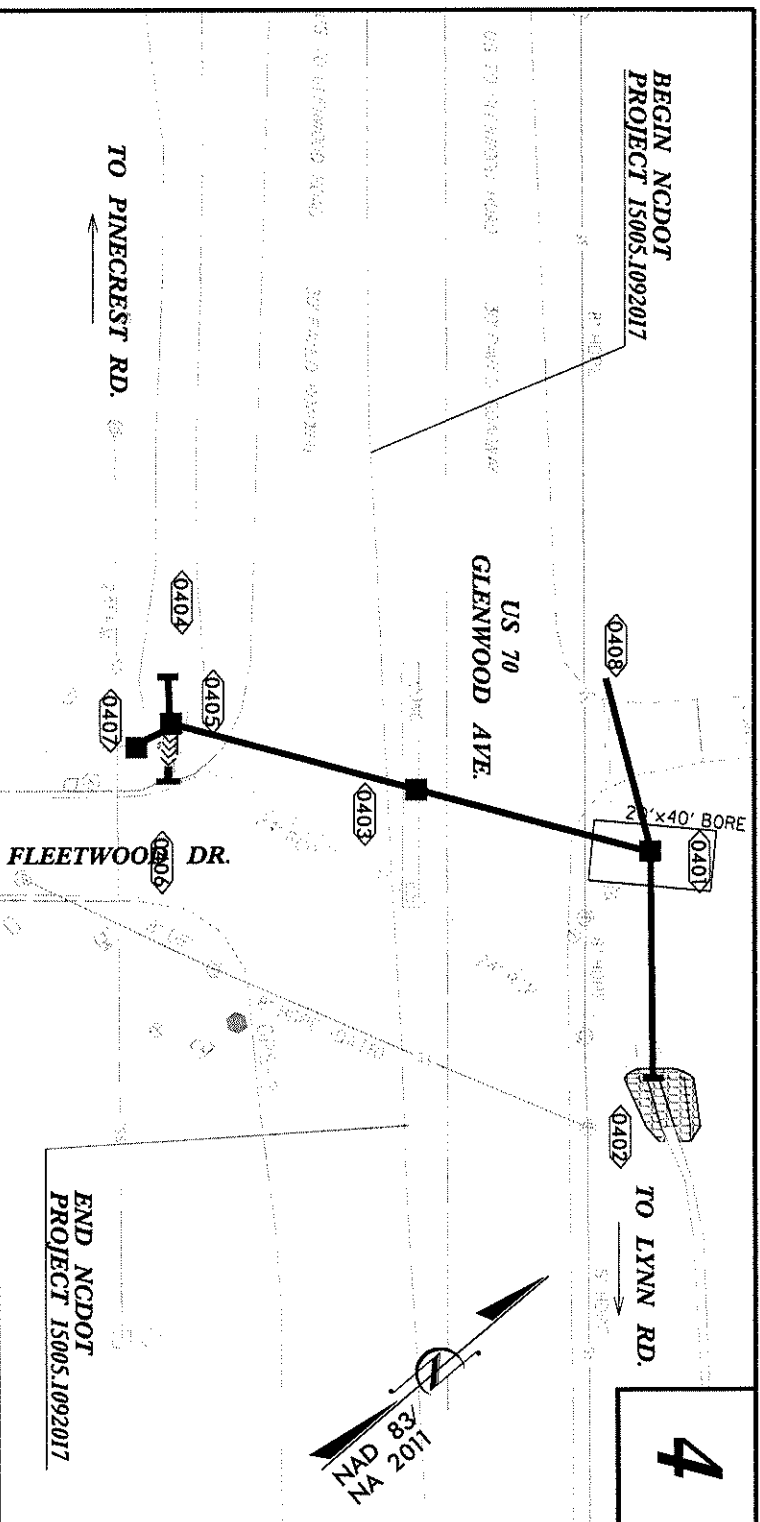
LOCATION MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WAKE COUNTY

PLAN FOR PROPOSED HIGHWAY EROSION CONTROL

LOCATION: PIPE CROSSING ON US 70 (GLENWOOD AVENUE)
TYPE OF WORK: GRADING AND DRAINAGE

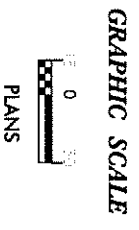


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STATE	STATE PROJECT SUBSEQUENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	15005.1092017	BC-1	
STATE PROJECT NO.	P.A. PROJECT NO.	SECTION	

EROSION AND SEDIMENT CONTROL MEASURES

Sht. #	Description	Symbol
163005	Temporary Silt Ditch	— to —
163005	Temporary Diversion	— to —
163001	Temporary Silt Fence	— to —
163001	Special Sediment Control Fence	— to —
163201	Temporary Berms and Slope Drains	— to —
163002	Silt Basin Type B	— to —
163301	Temporary Rock Silt Check Type-A	— to —
163301	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	— to —
163302	Temporary Rock Silt Check Type-B	— to —
163302	Wash / Coir Fiber Wall	— to —
163401	Wash / Coir Fiber Wall with Polyacrylamide (PAM)	— to —
163402	Temporary Rock Sediment Dam Type-A	— to —
163501	Temporary Rock Sediment Dam Type-B	— to —
163502	Rock Pipe Inlet Sediment Trap Type-A	— to —
163004	Rock Pipe Inlet Sediment Trap Type-B	— to —
163006	Skimming Basin	— to —
163201	Rock Inlet Sediment Trap Type A	— to —
163202	Type B	— to —
163203	Type C	— to —
	Skimmer Basin	— to —
	Tiered Skimmer Basin	— to —
	Infiltration Basin	— to —



THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 1, 2016 AND ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER RESOURCES.

Prepared in the Office of:
WETHERILL ENGINEERING, INC.
1223 JONES FRANKLIN ROAD
RALEIGH, NC 27606

Designed by:
HARMINDER SINGH
LEVEL III CERTIFICATION NO. 3519

Reviewed in the Office of:
ROADSIDE ENVIRONMENTAL FIELD OPERATIONS
DIVISION 4 AND 5
1425 Rock Quarry Rd.
Suite 106
Raleigh, NC 27610

Reviewed by:
JOSHUA YOUNG

Roadway Standard Drawings
The following roadway symbols standards as appear in "Roadway Standard Drawings", Roadway Design Unit, N.C. Department of Transportation - Raleigh, N.C., dated January 2018, and the latest revision, hereto are applicable to this project and by reference hereby are considered a part of these plans.

160401	Railroad Erosion Control Detail	163201	Rock Inlet Sediment Trap Type A
160501	Temporary Silt Fence	163202	Rock Inlet Sediment Trap Type B
160601	Special Sediment Control Fence	163203	Rock Inlet Sediment Trap Type C
160701	Gravel Construction Entrance	163301	Temporary Rock Silt Check Type A
162201	Temporary Berms and Slope Drains	163302	Temporary Rock Silt Check Type B
163001	River Basin	163401	Temporary Rock Sediment Dam Type A
163002	Silt Basin Type B	163402	Temporary Rock Sediment Dam Type B
163003	Temporary Silt Ditch	163501	Rock Pipe Inlet Sediment Trap Type A
163004	Silted Basin	163502	Rock Pipe Inlet Sediment Trap Type B
163005	Temporary Diversion	164001	Coir Fiber Wall
163006	Special Silted Basin	164501	Temporary Stream Crossing
163101	Matting Installation		

KEYSTONE PLACER LLC
DB 12909 PG 1692

KEYSTONE PLACER LLC
DB 12909 PG 1692

MIDAS PROPERTIES
OF NC LLC
DB 12722 PG 198
BM 2007 PG 1509

USF DORE COPE WF, LLC
DB 16557 PG 2205
SM 2002 PG 1817

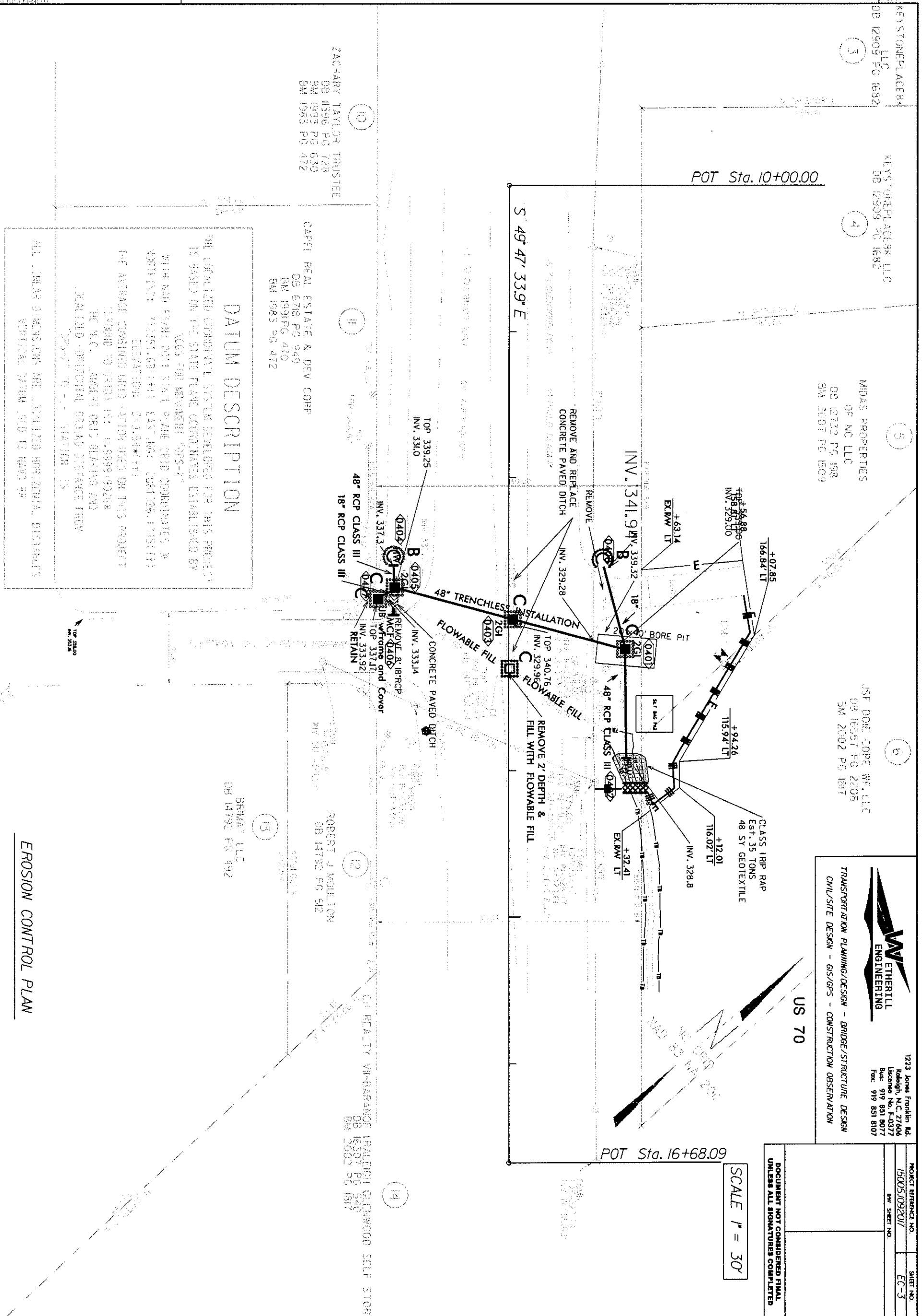
W ETHERILL ENGINEERING

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
GML/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

1223 Jonas Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
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Fax: 919 851 8107

PROJECT REFERENCE NO.	150051092017	SHEET NO.	EC-3
BY SHEET NO.			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

SCALE 1" = 30'



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NAD 83 WITH THE 2011 STATE PLANE GRID COORDINATES. THE VERTICAL DATUM IS NAVD 83. THE HORIZONTAL DATUM IS NAD 83. THE DATUM POINT IS THE NAD 83 POINT 150051092017. THE DATUM POINT IS THE NAD 83 POINT 150051092017. THE DATUM POINT IS THE NAD 83 POINT 150051092017.

ALL DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM IS NAVD 83

EROSION CONTROL PLAN

ZACHARY TAYLOR TRUSTEE
DB 11596 PG 728
SM 1997 PG 630
BM 1983 PG 472

CAPEL REAL ESTATE & DEV CORP
DB 6718 PG 949
BM 1991 PG 470
BM 1985 PG 472

BRIMAT LLC
DB 14792 PG 492

ROBERT J MOULTON
DB 14792 PG 512

GR REALTY VII-BARBARA
DB 16307 PG 540
SM 2002 PG 1817

US 70

POT Sta. 16+68.09

POT Sta. 10+00.00

S 49° 47' 33.9" E