



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

July 14, 2014

SUBJECT: ADDENDUM ONE FOR DE00100 – EB-4411D, GRADING, DRAINAGE AND PAVING ON SR 1110 (BARBEE CHAPEL RD/FARRINGTON RD) IN DURHAM COUNTY AND W-5205X, OPEN GRADED FRICTION COURSE ON SR 1728 WADE AVE IN WAKE COUNTY

MEMORANDUM TO PROSPECTIVE BIDDERS

This addendum is being issued to add additional widening work on SR 1110 (Barbee Chapel Road). The following plan sheets on project EB-4411D have been deleted and new plan sheets are attached. Sheet No. 4 of the original plan set will be replaced with RW-1 and Sheets No. X-1, X-2 and X-3 of the original plan set will be replaced with RW-3. Sheet No. 3-A has been revised. Additional pay items have been added and some quantities have been modified to accommodate this additional work.

Please note that the third party developer responsible for the subdivision and road to be built by others will be handling any waterline adjustments that may be in conflict with the proposed improvements and that it is the intent of the Department that this work will be done prior to availability of this construction contract.

Attached please find the attached new plan sheets and revised bid sheets, with the correct quantities for bidding purposes. Please substitute the new bid sheets for the bid sheets in the original proposal and acknowledge receipt of this addendum on page 102 of the proposal.

If you wish to use Expedite Entry in helping you prepare your bids, please note that an amendment file is provided on the website for your use in addition to the original EBS file.

If you have any questions, feel free to call me at (919) 220-4600.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael J. Kneis".

Michael J. Kneis, PE
Division Project Manager

cc: D. Jernigan
M. Gaddy
Civil Rights Office

County : Durham, Wake

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0043000000-N	226	GRADING	Lump Sum	L.S.	
0003	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	40 TON		
0004	0320000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	80 SY		
0005	0360000000-E	310	12" RC PIPE CULVERTS, CLASS III	8 LF		
0006	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	193 LF		
0007	0996000000-N	350	PIPE CLEAN-OUT	12 EA		
0008	1099500000-E	505	SHALLOW UNDERCUT	150 CY		
0009	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	300 TON		
0010	1220000000-E	545	INCIDENTAL STONE BASE	150 TON		
0011	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (2")	28,400 SY		
0012	1308000000-E	607	MILLING ASPHALT PAVEMENT, **** TO ***** (2" TO 4")	1,200 SY		
0013	1330000000-E	607	INCIDENTAL MILLING	500 SY		
0014	1489000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0B	6,050 TON		
0015	1498000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	4,515 TON		
0016	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	3,200 TON		
0017	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	680 TON		

County : Durham, Wake

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	1661000000-E	650	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1	66 TON		
0019	1704000000-E	SP	PATCHING EXISTING PAVEMENT	350 TON		
0020	2022000000-E	815	SUBDRAIN EXCAVATION	20 CY		
0021	2033000000-E	815	SUBDRAIN FINE AGGREGATE	20 CY		
0022	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	100 LF		
0023	2070000000-N	815	SUBDRAIN PIPE OUTLET	1 EA		
0024	2077000000-E	815	6" OUTLET PIPE	6 LF		
0025	2209000000-E	838	ENDWALLS	2 CY		
0026	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	1 EA		
0027	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	1 EA		
0028	2600000000-N	SP	RETROFIT EXISTING CURB RAMP	3 EA		
0029	2605000000-N	848	CONCRETE CURB RAMP	5 EA		
0030	2612000000-E	848	6" CONCRETE DRIVEWAY	50 SY		
0031	2830000000-N	858	ADJUSTMENT OF MANHOLES	6 EA		
0032	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	4 EA		
0033	3030000000-E	862	STEEL BM GUARDRAIL	3,000 LF		
0034	3195000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE AT-1	1 EA		
0035	3270000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350	15 EA		
0036	3345000000-E	864	REMOVE & RESET EXISTING GUARDRAIL	1,000 LF		

County : Durham, Wake

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0037	4116100000-N	904	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (TYPE, E)	10	EA	
0038	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	480	SF	
0039	4415000000-N	1115	FLASHING ARROW BOARD	2	EA	
0040	4422000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	13	DAY	
0041	4430000000-N	1130	DRUMS	48	EA	
0042	4435000000-N	1135	CONES	90	EA	
0043	4455000000-N	1150	FLAGGER	265	DAY	
0044	4480000000-N	1165	TMA	2	EA	
0045	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	27,860	LF	
0046	4686000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	26,975	LF	
0047	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	730	LF	
0048	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	215	LF	
0049	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	15	EA	
0050	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	56,840	LF	
0051	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	600	LF	
0052	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	204	LF	
0053	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	14	EA	
0054	4900000000-N	1251	PERMANENT RAISED PAVEMENT MARKERS	400	EA	

County : Durham, Wake

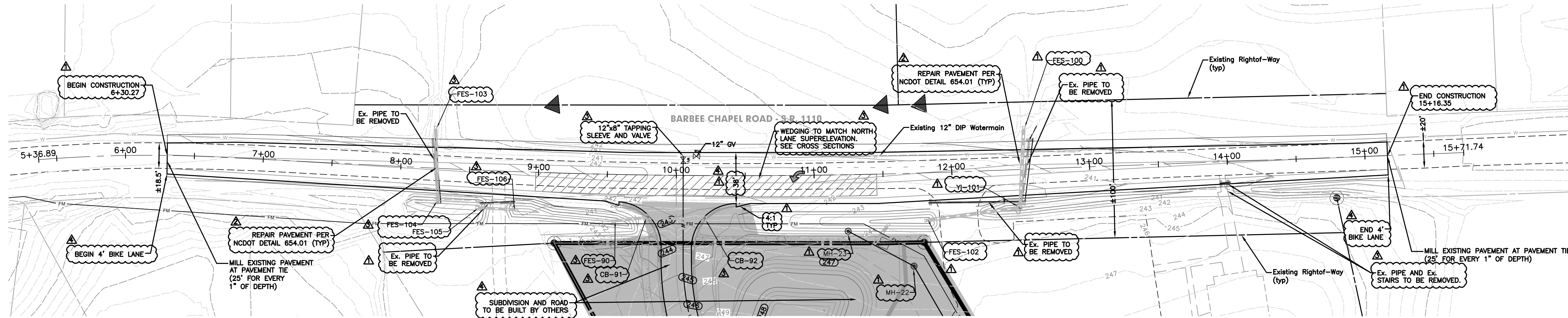
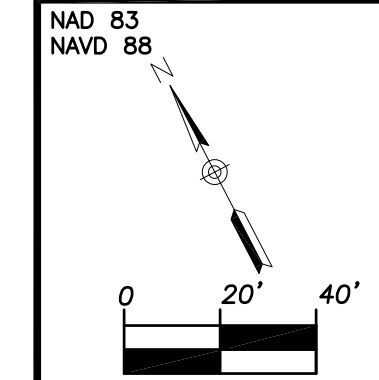
Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0055	6000000000-E	1605	TEMPORARY SILT FENCE	2,700 LF		
0056	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	75 TON		
0057	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	60 TON		
0058	6012000000-E	1610	SEDIMENT CONTROL STONE	30 TON		
0059	6015000000-E	1615	TEMPORARY MULCHING	1.5 ACR		
0060	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	200 LB		
0061	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	1 TON		
0062	6024000000-E	1622	TEMPORARY SLOPE DRAINS	200 LF		
0063	6030000000-E	1630	SILT EXCAVATION	30 CY		
0064	6036000000-E	1631	MATTING FOR EROSION CONTROL	1,245 SY		
0065	6038000000-E	SP	PERMANENT SOIL REINFORCEMENT MAT	150 SY		
0066	6042000000-E	1632	1/4" HARDWARE CLOTH	25 LF		
0067	6071010000-E	SP	WATTLE	85 LF		
0068	6071020000-E	SP	POLYACRYLAMIDE (PAM)	12 LB		
0069	6084000000-E	1660	SEEDING & MULCHING	10 ACR		
0070	6087000000-E	1660	MOWING	3 ACR		
0071	6090000000-E	1661	SEED FOR REPAIR SEEDING	50 LB		
0072	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0073	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	50 LB		
0074	6108000000-E	1665	FERTILIZER TOPDRESSING	1.25 TON		

County : Durham, Wake

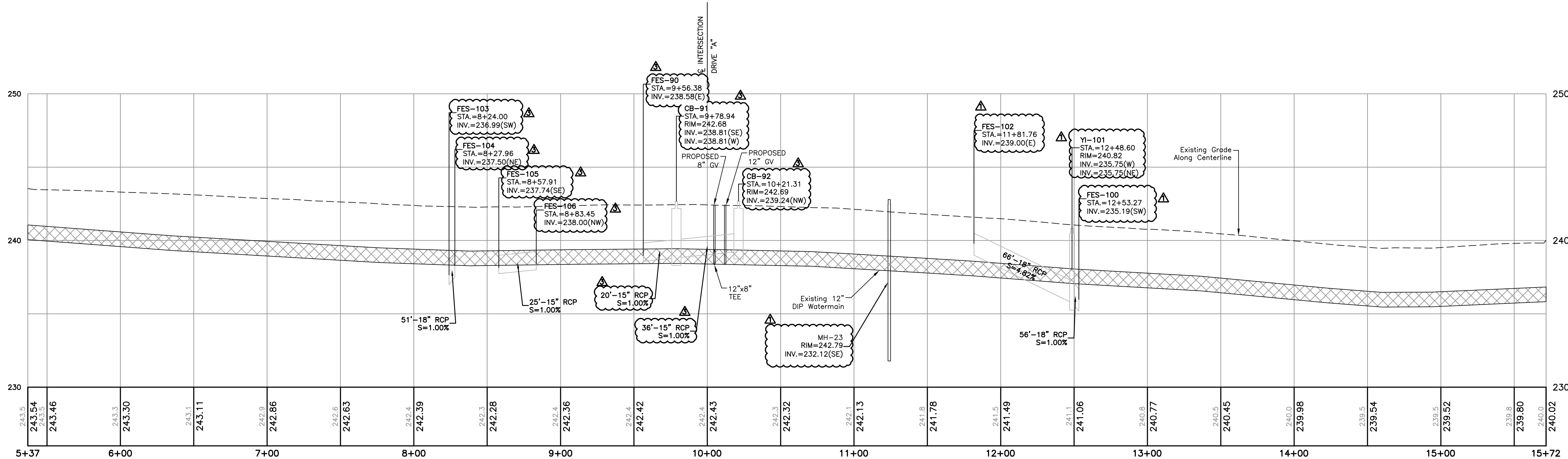
Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0075	6111000000-E	SP	IMPERVIOUS DIKE	70	LF	
0076	6114500000-N	1667	SPECIALIZED HAND MOWING	10	MHR	
0077	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	7	EA	
0078	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	600	LF	
0079	7456000000-E	1726	LEAD-IN CABLE (***** (14-2)	800	LF	
0080	8867000000-E	SP	GENERIC STRUCTURE ITEM (BRIDGE FENCE)	345	LF	
0081	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	25	LF	
0082	0453000000-E	310	*** PIPE END SECTION (15")	2	EA	
0083	0453000000-E	310	*** PIPE END SECTION (18")	4	EA	
0084	0995000000-E	340	PIPE REMOVAL	134	LF	
0085	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	147	TON	

1128/Jul14/Q171967.0/D312537930000/E85

Total Amount Of Bid For Entire Project :



PLAN VIEW
1"=40'



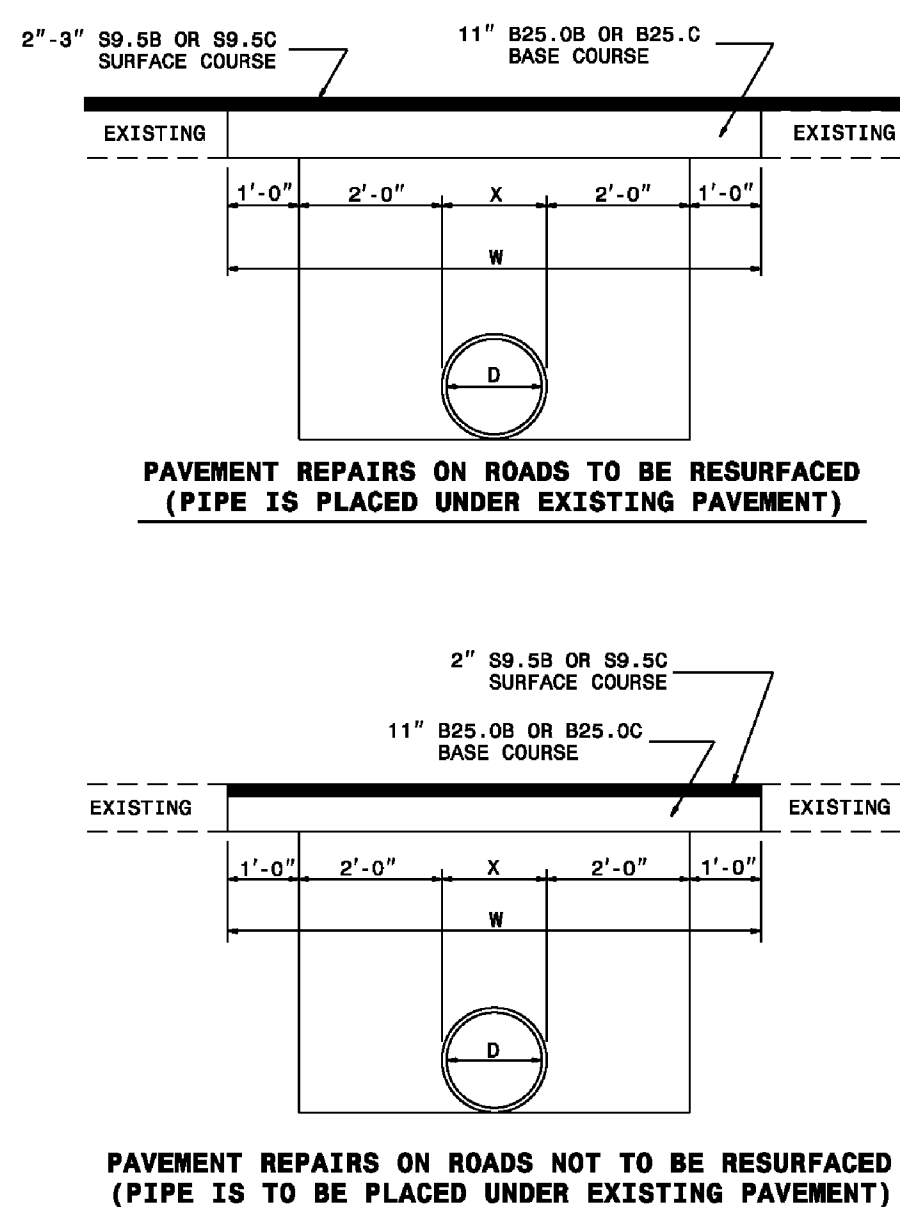
PROFILE VIEW
SCALE: 1"=40' H,
1"=4' V

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

ENGLISH STANDARD DRAWING FOR
PAVEMENT REPAIRS
 FOR SUPERPAVE MIX TYPES

SHEET 1 OF 1
654.01

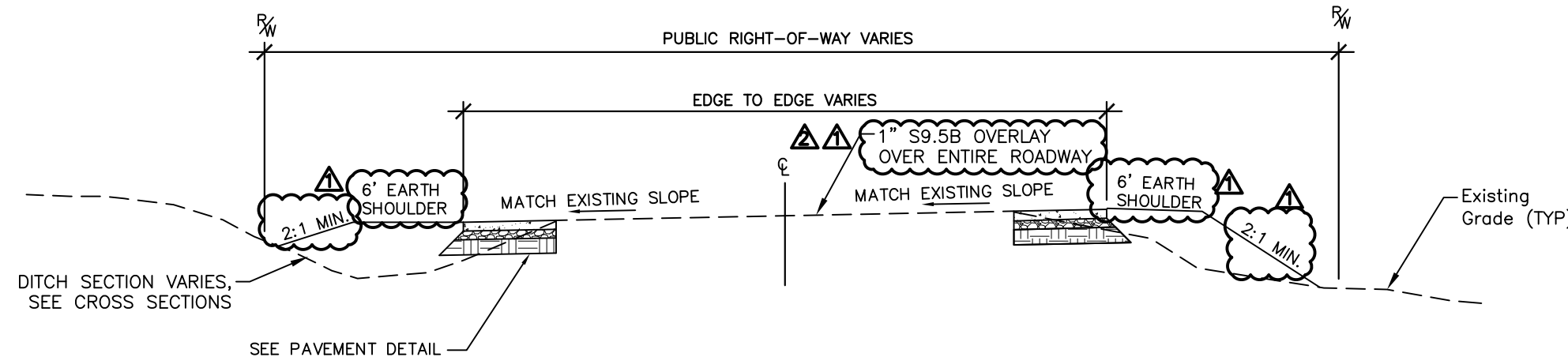
D	X	W
12"	1'-4"	7'-4"
15"	1'-7"	7'-7"
18"	1'-10"	7'-10"
24"	2'-6"	8'-6"
30"	3'-1"	9'-1"
36"	3'-8"	9'-8"
42"	4'-5"	10'-5"
48"	5'-0"	11'-0"



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ENGLISH STANDARD DRAWING FOR
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 FOR SUPERPAVE MIX TYPES

SHEET 1 OF 1
654.01



BARBEE CHAPEL ROAD TYPICAL SECTION
N.T.S.

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF DURHAM AND/OR NCDOT STANDARDS AND SPECIFICATIONS.

NOTE: CONTRACTOR TO VERIFY EXISTING INFORMATION PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES.

CITY OF DURHAM
 PUBLIC WORKS DEPARTMENT
 APPROVED

ENGINEERING: _____ DATE: _____
 STORM WATER: _____ DATE: _____
 TRANSPORTATION: _____ DATE: _____

PROPOSED LEGEND

	FIRE HYDRANT
	WATER METER
	WATER VALVE
	BACKFLOW PREVENTER
	GAS VALVE
	SANITARY SEWER W/CLEANOUT
	SANITARY SEWER W/MANHOLE
	WATER MAIN
	DOMESTIC WATER
	FIRE PROTECTION WATER
	FORCE MAIN
	GAS MAIN
	ELECTRIC, TELEPHONE, CABLE
	UTILITY POLE

PLAN REVISIONS

DATE	DESCRIPTION
12/09/13	CITY OF DURHAM, NCDOT
01/20/14	NCDOT
02/20/14	NCDOT
07/11/14	NCDOT

**PLAN AND PROFILE -
 BARBEE CHAPEL ROAD WIDENING**
 MONTCLAIR
 5904 BARBEE CHAPEL ROAD AND 8002 FARRINGTON MILL ROAD
 DURHAM, NORTH CAROLINA

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NC LICENSE# C-2745



FINAL DRAWING FOR REVIEW PURPOSES ONLY AND NOT RELEASED FOR CONSTRUCTION

EDENS LAND CORP
 ENGINEERING • DEVELOPMENT
 2314 S. MAIN BLVD., SUITE 151, DURHAM, NC 27703
 WWW.EDENS.LAND.COM • PH: (919) 706-0350

SCALE: 1"=40'
 DATE: OCTOBER 25, 2013
 DESIGN: AFL DRAFT: JSE CHECK: JBE
 PROJECT NUMBER: 1016-001
 SHEET NUMBER: RW-1

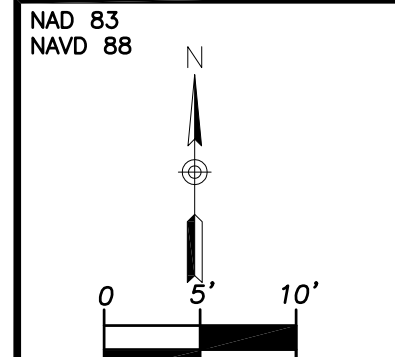
CITY OF DURHAM
PUBLIC WORKS DEPARTMENT
APPROVED

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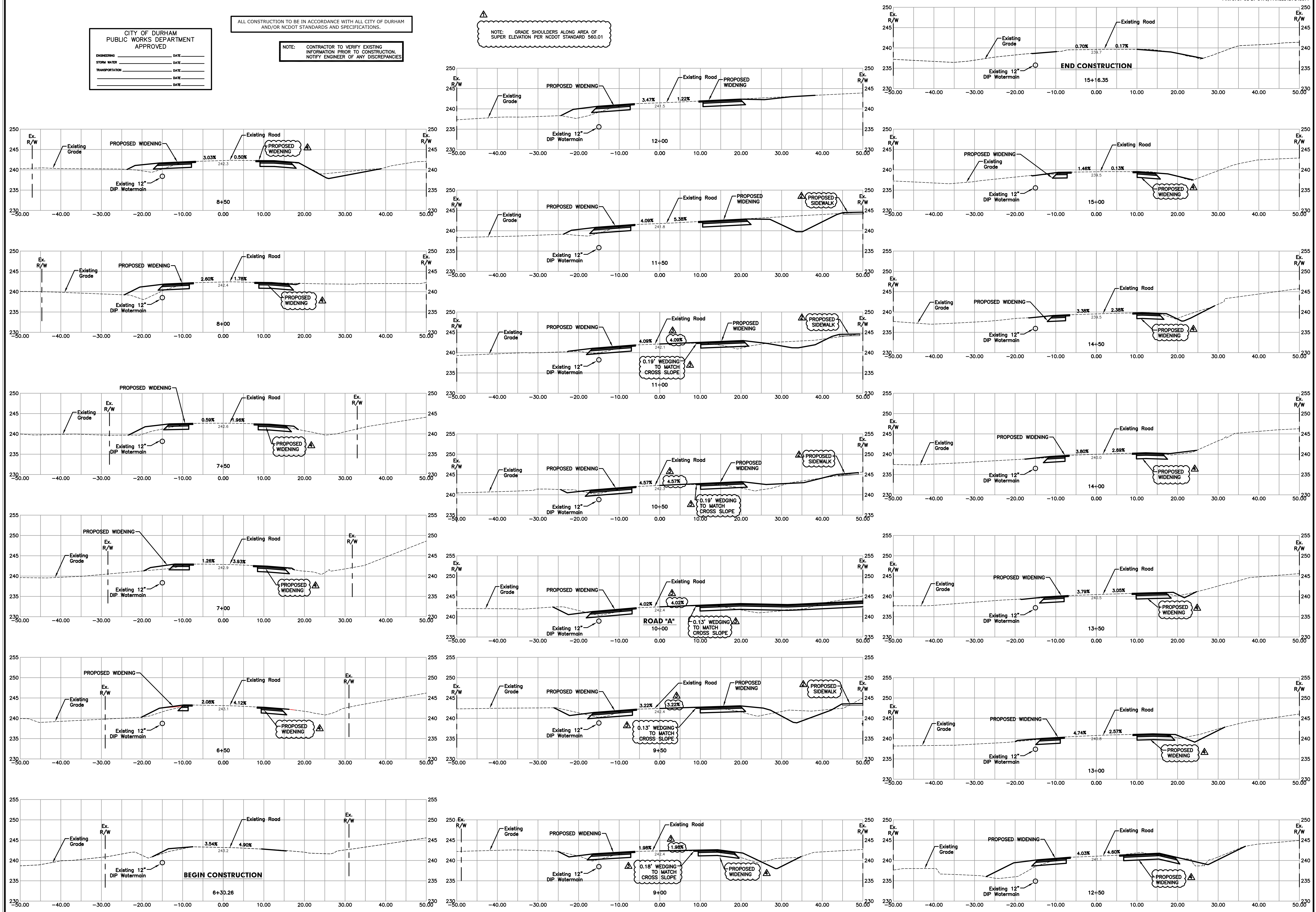
NOTE: GRADE SHOULDERS ALONG AREA OF SUPER ELEVATION PER NCDOT STANDARD 560.01

PIN: 0707-01-27-3502, PARCEL ID: 143082
PIN: 0707-01-27-6476, PARCEL ID: 143077



PLAN REVISIONS

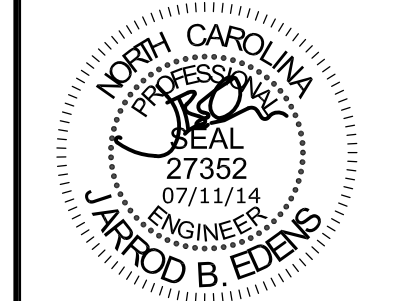
DATE	BY	REVISION
12/09/13	NDOT	ADDED
07/20/14	CITY OF DURHAM	ADDED
02/20/14	NDOT	ADDED
07/11/14	NDOT	ADDED



CROSS SECTIONS - BARBEE CHAPEL ROAD WIDENING
MONTCLAIR
5904 BARBEE CHAPEL ROAD AND 8002 FARRINGTON MILL ROAD
DURHAM, NORTH CAROLINA

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WWW.EDENSLAND.COM PH: (919) 706-0350

SCALE: 1"=10'

DATE: OCTOBER 25, 2013

DESIGN	DRAFT	CHECK
AFL	JSE	JBE

PROJECT NUMBER: 1016-001
SHEET NUMBER: RW-3