



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

August 14, 2025

ADDENDA #1

MEMO TO: PLAN HOLDERS

FROM: Jennifer A. Sour
Division Contract Engineer

A handwritten signature in cursive script that reads "Jennifer A. Sour".

CONTRACT ID: DG00658

WBS ELEMENT NO.: 49998.3.1

FEDERAL AID NO.: 4999801

COUNTY: ORANGE

LOCATION: NC 54 FROM WESTBROOK DRIVE IN CARRBORO TO WEST OF
US 15 / US 501 / NC 86 (SOUTH COLUMBIA STREET) INTERCHANGE
IN CHAPEL HILL

TYPE OF WORK: GRADING, PAVING, AND SIGNALS

To Whom It May Concern:

REVISE THE INVITATION TO BID – THIS IS AN ELECTRONIC BID

ELECTRONIC BIDDING

Electronic bidding is required through Bid Express®. Their website is bidx.com

For electronic bidding, the following files will be located on bidx.com, exclusively. These files will **not** be included on the Bidding & Letting site on Connect.NCDOT.gov:

- EBSX files
- DBE_NC.BIN files
- EBSX addenda files

Do **NOT** submit bids for the project let by Division 7 to the NCDOT **Statewide** Project Letting Office.

Bidx related questions should be directed to **Jaci Kincaid** at **(919) 707-6920**.

Note: It takes a few minutes for Division staff to download the electronic bids before those can be read. The download does not start until 2:00 PM on the day of the letting.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS DIVISION 7
PO BOX 14996
GREENSBORO, NC 27415-4996

Telephone: (336) 487-0075
Fax: (336) 334-3637
Customer Service: 1-877-368-4968

Location:
1584 YANCEYVILLE STREET
GREENSBORO, NC 27405

Website: www.ncdot.gov

Several items have been revised in the Itemized Pay Item List, due to replacement and/or missing quantities. See below.

- Deleted Line Item 0039 Non-Cast Iron Snowplowable Marker.
- New Line Item - Polycarbonate H-shaped Markers.
- Deleted Line Item 0052 Vehicle Signal Head (12", 5 Section)
- New Line Item – Vehicle Signal Head (12", 4 Section)
- New line Item – 1-6" Concrete Curb and Gutter

A correction has been made to the itemized pay item list and the ebsx file.

Several questions have been asked, please see the questions below followed by an answer.

- The plans show a shelter that is supposed to be removed and relocated, and they show a new shelter as well. Are we responsible for doing this work? **The Contractor is not responsible for removal/relocation of the shelter. The concrete pad for the new location will be paid for as 4" sidewalk, the contractor will not be responsible for the shelter.**
- The plans call out relocate light pole. Who is responsible for this? **The property owner is responsible for removing/relocating the pole.**
- The plans call out an 8" DIP line. Is this for reference only? **Reference only.**
- There is no typical for the full depth asphalt. Will a typical be provided and will depths be shown for each layer? **See attached pavement design.**
- When we are milling the 1.5" are we assuming 1.5" of asphalt? I didn't see a typical/detail for this. **Yes assume 1 ½" of asphalt. No typical/detail will be provided as this is a mill and fill operation in these locations.**
- Plans call for six 4-section signal heads but proposal call for six 5-section heads. Please advise. I assume the 4-section is what is needed. **See information above.**
- The plans show an 18" curb & gutter, however there is no line item. Will this item be added? **See information above.**

Please be sure to update your ebsx file to DG00658.0001x, review the attached itemized pay item list, pavement schedule and acknowledge receipt of the addenda in BIDX.

JAS

ec: Website



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
Governor

JOEY HOPKINS, P.E.
Secretary

MEMO TO: PROJECT ENGINEER

FROM: James B. Yates, MS, PE

SUBJECT: Division 7 Final Pavement Design
BL-0044, 49998.1.1
NC HWY 54
Orange County, Division 7

DATE: 8/28/2025



DocuSigned by:

James B. Yates

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08/28/2025

The pavement designs for the above project are as follows:

Line	Surface	Intermed.	Base	ABC	Stab.	SN _{REQ}
NC HWY 54	3.0" S9.5C	4.0" I19.0C	5" B25.0C			4.39
Route 2						1.81
Route 3						1.87
Route 4						1.87
Route 5						1.87
Route 6						1.89

Overlay the existing pavement with the following: 1.5" S9.5C

Mill existing pavement to a depth of 1.5" and replace with 1.5".

See Geotechnical Recommendations for Pavement Design dated for additional recommendations and details.

The mix designations provided for the above designs are in accordance with the 2022 NCDOT QMS manual.

If any additional information is needed, please contact: James Yates (336-487-0075)

Design Information:

Initial Year:	2023	Projection Year:	2043
Initial Year ADT:	38,000	Proj. Yr. ADT:	56,500
% DUALS:	2.0	% TTST:	1.0
LANE/DIRECTION:	1	Des. Life (Years):	30
DIR %:	50	Subgrade M[r]:	8,043
Construction Year:	2026	Design TOT. 18K:	3,924,948
SN Required:	4.39	SN DESIGN:	

JMM/jby

cc: pavementrequests@ncdot.gov

Mailing Address: NC DEPARTMENT OF TRANSPORTATION Division 7 PO Box 14996 Greensboro, NC 27415-4996	Telephone: 336-487-0000 Fax: (336)334-3637 Customer Service: 1-877-368-4968 Website: www.ncdot.gov	Location: 1584 Yanceyville St. Greensboro, NC 27415
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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	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (12")	3 LF		
0005	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	8,950 SY		
0006	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	85 TON		
0007	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	50 TON		
0008	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	820 TON		
0009	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	65 TON		
0010	2253000000-E	840	PIPE COLLARS	1 CY		
0011	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	1 EA		
0012	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	1 EA		
0013	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	445 LF		
0014	2591000000-E	848	4" CONCRETE SIDEWALK	265 SY		
0015	2605000000-N	848	CONCRETE CURB RAMPS	15 EA		
0016	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	519 SY		
0017	2752000000-E	SP	GENERIC PAVING ITEM REMOVE AND REPLACE 2'-6" CURB AND GUTTER	155 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	2752000000-E	SP	GENERIC PAVING ITEM REMOVE CURB AND GUTTER	756 LF		
0019	2830000000-N	858	ADJUSTMENT OF MANHOLES	7 EA		
0020	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	3 EA		
0021	3030000000-E	862	STEEL BEAM GUARDRAIL	139 LF		
0022	3045000000-E	862	STEEL BEAM GUARDRAIL, SHOP CURVED	34 LF		
0023	3195000000-N	862	GUARDRAIL END UNITS, TYPE AT-1	2 EA		
0024	3287000000-N	862	GUARDRAIL END UNITS, TYPE TL-3	1 EA		
0025	3360000000-E	863	REMOVE EXISTING GUARDRAIL	162 LF		
0026	3389500000-N	865	ADDITIONAL GUIDERAIL POSTS	5 EA		
0027	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	80 SF		
0028	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	480 SF		
0029	4415000000-N	1115	FLASHING ARROW BOARD	2 EA		
0030	4422000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	42 DAY		
0031	4430000000-N	1130	DRUMS	400 EA		
0032	4447000000-E	SP	PEDESTRIAN CHANNELIZING DEVICES	108 LF		
0033	4510000000-N	1190	LAW ENFORCEMENT	48 HR		
0034	4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	4,537 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0035	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	108 LF		
0036	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	884 LF		
0037	4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	21 EA		
0038	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	40 EA		
0040	6000000000-E	1605	TEMPORARY SILT FENCE	375 LF		
0041	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	10 TON		
0042	6012000000-E	1610	SEDIMENT CONTROL STONE	10 TON		
0043	6036000000-E	1631	MATTING FOR EROSION CONTROL	200 SY		
0044	6071010000-E	1642	WATTLE	20 LF		
0045	6084000000-E	1660	SEEDING & MULCHING	1 ACR		
0046	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	3 EA		
0047	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT	10 EA		
0048	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 2	10 EA		
0049	7048500000-E	1705	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	14 EA		
0050	7060000000-E	1705	SIGNAL CABLE	3,425 LF		
0051	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	24 EA		
0053	7279000000-E	1715	TRACER WIRE	2,250 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0054	7288000000-E	1715	PAVED TRENCHING (*****) (1 CONDUIT, 2")	50 LF		
0055	7300000000-E	1715	UNPAVED TRENCHING (*****) (1 CONDUIT, 2")	1,850 LF		
0056	7300000000-E	1715	UNPAVED TRENCHING (*****) (2 CONDUIT, 2")	1,225 LF		
0057	7301000000-E	1715	DIRECTIONAL DRILL (*****) (2 CONDUIT, 2")	2,150 LF		
0058	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	30 EA		
0059	7348000000-N	1716	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	6 EA		
0060	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	1,950 LF		
0061	7456100000-E	1726	LEAD-IN CABLE (14-2)	6,450 LF		
0062	7481000000-N	SP	SITE SURVEY	2 EA		
0063	7481200000-N	SP	LUMINAIRE ARM FOR VIDEO SYSTEM	2 EA		
0064	7481240000-N	SP	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	2 EA		
0065	7481260000-N	SP	EXTERNAL LOOP EMULATOR PROCESSING UNIT	2 EA		
0066	7528000000-E	1730	DROP CABLE	2,825 LF		
0067	7540000000-N	1731	SPLICE ENCLOSURE	2 EA		
0068	7552000000-N	1731	INTERCONNECT CENTER	6 EA		
0069	7564000000-N	1732	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT	6 EA		
0070	7566000000-N	1733	DELINEATOR MARKER	8 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0071	7588000000-N	SP	METAL POLE WITH SINGLE MAST ARM	6 EA		
0072	7613000000-N	SP	SOIL TEST	6 EA		
0073	7614100000-E	SP	DRILLED PIER FOUNDATION	36 CY		
0074	7631000000-N	SP	MAST ARM WITH METAL POLE DESIGN	6 EA		
0075	7636000000-N	1745	SIGN FOR SIGNALS	6 EA		
0076	7642200000-N	1743	TYPE II PEDESTAL WITH FOUNDATION	25 EA		
0077	7684000000-N	1750	SIGNAL CABINET FOUNDATION	6 EA		
0078	7696000000-N	1751	CONTROLLERS WITH CABINET (*****) (TYPE 2070LX, BASE MOUNTED)	6 EA		
0079	7744000000-N	1751	DETECTOR CARD (TYPE 170)	24 EA		
0080	7901000000-N	1753	CABINET BASE EXTENDER	6 EA		
0081	7980000000-N	SP	GENERIC SIGNAL ITEM JUNCTION BOX (SPECIAL OVERSIZED, 36X24X24)	2 EA		
0260	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	6 EA		
0270	4895000000-N	SP	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKER	38 EA		
0420	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	380 LF		

1018/Aug29/Q42708/D419100110000/E82

Total Amount Of Bid For Entire Project :