

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	1C.028043	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
1C.028043		PE, CONST	
1SP.20285.1		PE, CONST	

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

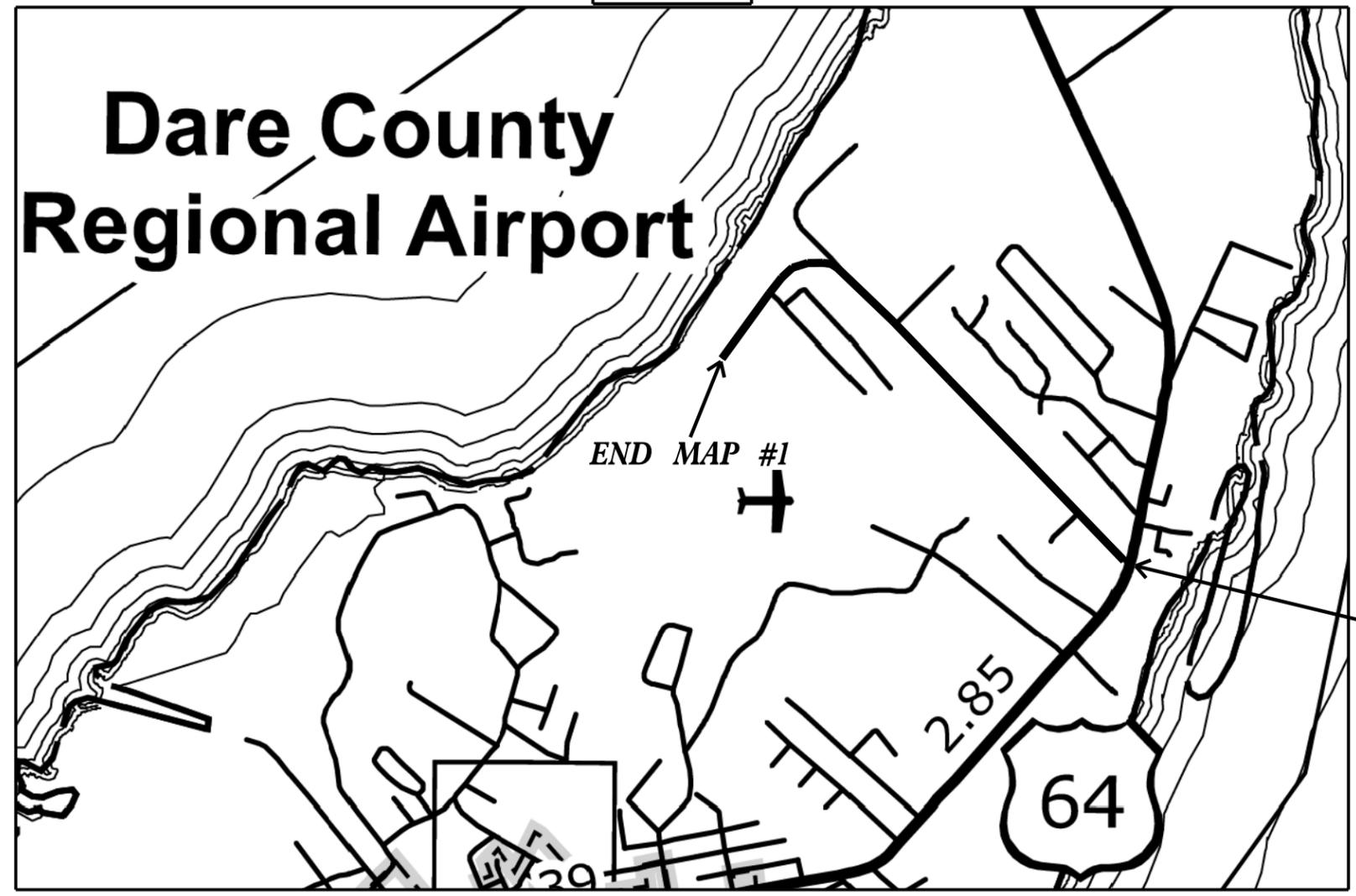
DARE COUNTY

LOCATION: MAP #1 SR 1116 (AIRPORT RD) FROM US 64 TO AIRPORT ENTRANCE

TYPE OF WORK: REPAIR OF JOINTED CONCRETE PAVEMENT SLABS



MAP # 1



CONTRACT: DA00223

WBS ELEMENTS: IC028043 & ISP.20285.1

**NTS**

PROJECT LENGTH

LENGTH OF ROADWAY PROJECT MAP 1 = 1.49 MI.

Prepared In the Office of:  
**DIVISION OF HIGHWAYS**  
113 Airport Dr., Edenton NC, 27932

2012 STANDARD SPECIFICATIONS

LETTING DATE:

**W.B. HOBBS, P.E.**  
DIVISION PROJECT MANAGER

**C.E. SLACHTA**  
DIVISION PROPOSALS ENGINEER



10-FEB-2015 10:31 C:\Users\stfenwick\Desktop\Current Projects\Concrete Pavement Repair\Airport Rd\ISP.20285.1\DOT\_sht.dgn stfenwick AT DICAD265783 09/08/99

INDEX OF SHEETS

SHEET NUMBER	SHEET
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES AND STANDARD DRAWINGS
2	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
3	ROADWAY SUMMARIES

GENERAL NOTES:

SUBSURFACE PLANS:

NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS:

FIELD TESTING INSTALLED DOWELS FOR ADEQUATE ADHESIVE WILL NOT BE REQUIRED ON THIS PROJECT.

TEMPORARY LANE CLOSURES WILL BE PERFORMED USING PORTABLE TRAFFIC SIGNAL SYSTEM.

2012 SPECIFICATIONS  
EFFECTIVE: 01-17-12  
REVISED: 11/01/11

2012 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January, 2012 are applicable to this project and by reference hereby are considered a part of these plans:

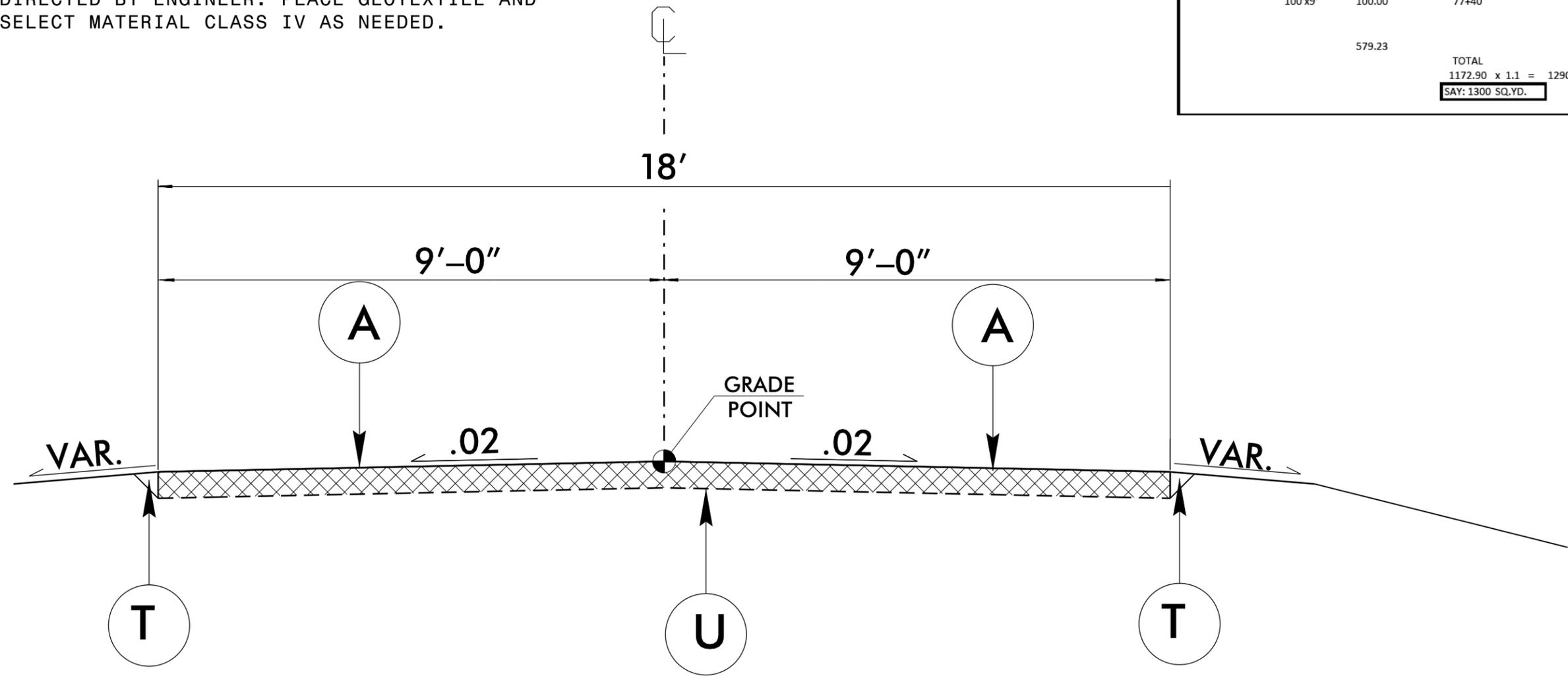
STD.NO.	TITLE
DIVISION 2 - EARTHWORK	
225.02	Guide for Grading Subgrade - Secondary and Local
DIVISION 4 - CONCRETE STRUCTURES	
420.13	ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS
DIVISION 7 - CONCRETE PAVEMENTS AND SHOULDERS	
700.01	Concrete Pavement Joints - Construction and Contraction Joints
700.03	Dowel Assembly
700.04	Concrete Pavement Header Board
700.05	Tying Proposed Pavement to Existing

# PAVEMENT SCHEDULE

A	PROPOSED APPROX. 7" PORTLAND CEMENT CONCRETE PAVEMENT (W/DOWELS), MATCH DEPTH OF ADJACENT EXISTING CONCRETE PAVEMENT.
T	EARTH MATERIAL, BACKFILL AFTER FORM REMOVAL.
U	EXISTING CONCRETE PAVEMENT TO BE REMOVED IN AREAS APPROVED BY ENGINEER.

**NOTE:**  
 PERFORM WORK USING PORTABLE TRAFFIC SIGNAL SYSTEM.  
 USE EXCAVATED MATERIAL TO BACKFILL AFTER FORM REMOVAL.  
 NO ADDITIONAL COMPENSATION WILL BE PAID. THIS WORK SHALL BE INCIDENTAL TO THE OTHER LINE ITEMS IN THE CONTRACT.  
 USE UNDERCUT EXCAVATION ONLY WHEN SUBGRADE IS NOT STABILIZED AND AS DIRECTED BY ENGINEER. PLACE GEOTEXTILE AND SELECT MATERIAL CLASS IV AS NEEDED.

BEGIN AT INTERSECT US 64 STATIONS ARE APPROXIMATE	LT. LANE SQ.YD.	STATION 0+00	RT. LANE SQ.YD.	
		3+84	27.78	25'x10'
		5+62	13.33	12'x10'
		6+52	27.78	25'x10'
		9+60	13.33	12'x10'
		18+86	13.33	12'x10'
		19+16	17.78	16'x10'
		19+46	8.89	8'x10'
		24+70	16.67	15'x10'
		29+22	15.56	14'x10'
		34+60		
		38+50	20.00	18'x10'
		49+00	23.33	21'x10'
		53+10		
		60+85	15.56	14'x10'
		65+43		
		66+00	53.33	48'x10'
		67+92	10.00	10'x9'
		68+43	8.00	8'x9'
		69+06	10.00	10'x9'
		70+63	20.00	20'x9'
		71+47	10.00	10'x9'
		72+22		
		72+50	7.00	7'x9'
		74+36	100.00	100'x9'
		75+50	35.00	35'x9'
		76+20	27.00	27'x9'
		77+40	100.00	100'x9'
			579.23	593.67
			TOTAL	
			1172.90 x 1.1 =	1290.19
			SAY: 1300 SQ.YD.	



**TYPICAL SECTION NO. 1**  
**USE: FROM US 64 TO AIRPORT ENTRANCE**

6/2/09  
 27-MAR-2015 10:33  
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PROJECT NO.	SHEET NO.
1C.028043	3

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	MOBILIZATION LS	UNDERCUT EXCAVATION CY	GEOTEXTILE FOR SOIL STABILIZATION SY	CLASS IV SUBGRADE STABILIZATION TON	GENERIC PAVING ITEM (REPAIR OF JOINTED CONCRETE PAVEMENT SLABS) SY	TEMPORARY TRAFFIC CONTROL LS	GENERIC TRAFFIC CONTROL ITEM (PTS SYSTEM) EA	4" WHITE POLYUREA (HIGHLY REFLECTIVE ELEMENTS) LF	4" YELLOW POLYUREA (HIGHLY REFLECTIVE ELEMENTS) LF
1C.028043	Dare	1	SR 1116 (AIRPORT RD.)	FROM US 64 TO AIRPORT	1	2	2WU	NO	NO	1.49	18	1	220	1,300	300	1,300	1	1	16,032	9,834
<b>GRAND TOTAL</b>										<b>1.49</b>	<b>18</b>	<b>1</b>	<b>220</b>	<b>1,300</b>	<b>300</b>	<b>1,300</b>	<b>1</b>	<b>1</b>	<b>16,032</b>	<b>9,834</b>