

09/08/99

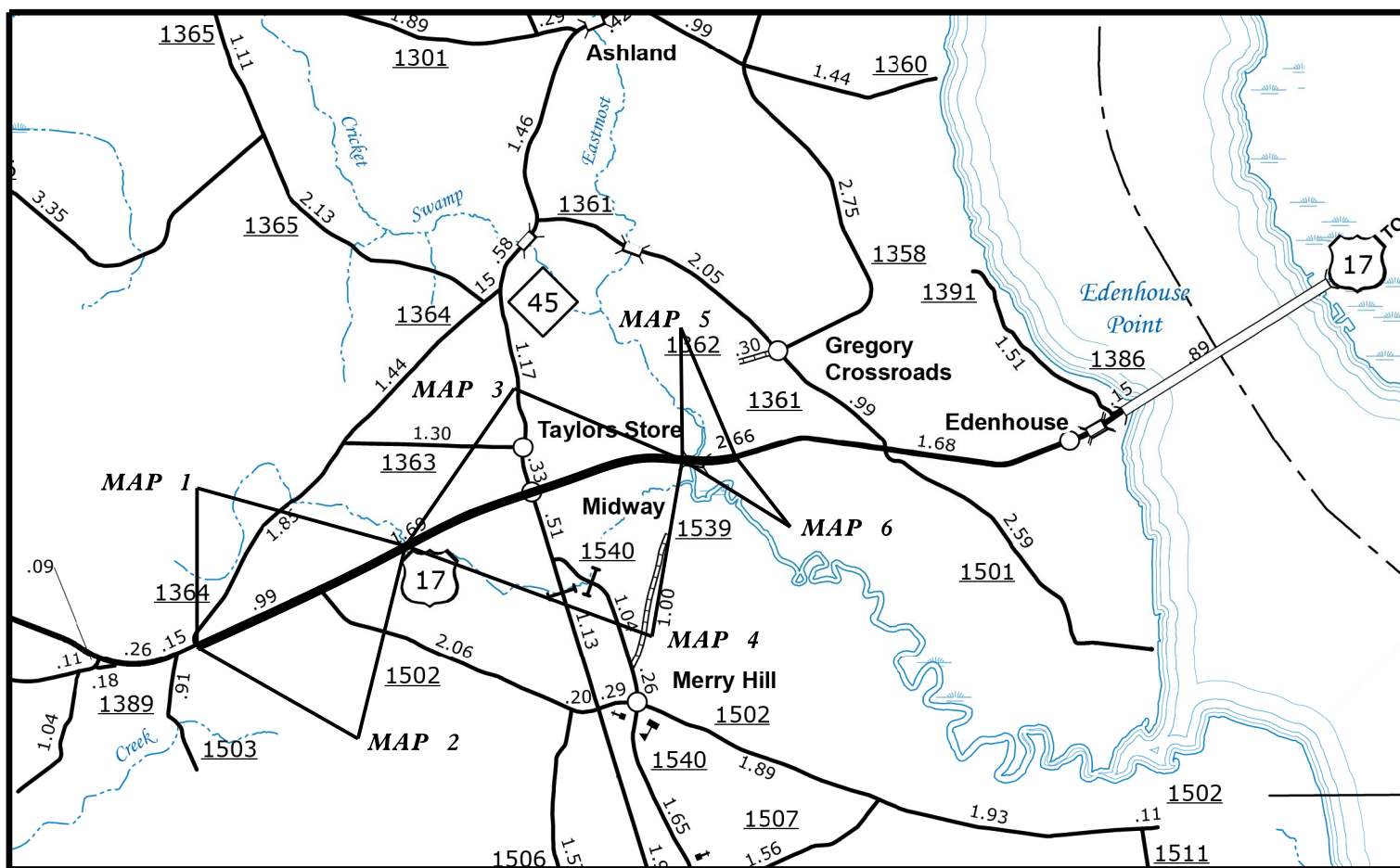
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	48965.3.1	1
STATE PROJ. NO.		DESCRIPTION
48965.3.1		PE, CONST

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

BERTIE COUNTY

LOCATION: US HWY 17 FROM SR 1364 (LEDREW PERRY RD)
TO BEGINNING OF DIVIDED HIGHWAY

TYPE OF WORK: SINUSOIDAL MILLED RUMBLE STRIPS & PAVEMENT MARKINGS



48965.3.1

WBS PROJECT:

CONTRACT: DA00497

GRAPHIC SCALES

NTS

PROJECT LENGTH

- LENGTH OF ROADWAY MAP #1 = 1.5 MILES
- LENGTH OF ROADWAY MAP #2 = 1.5 MILES
- LENGTH OF ROADWAY MAP #3 = 2.2 MILES
- LENGTH OF ROADWAY MAP #4 = 2.2 MILES
- LENGTH OF ROADWAY MAP #5 = 0.4 MILES
- LENGTH OF ROADWAY MAP #6 = 0.4 MILES

Prepared In the Office of:
DIVISION OF HIGHWAYS

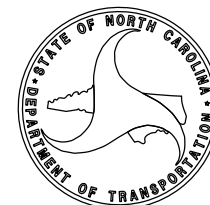
113 AIRPORT DR., EDENTON, NC, 27932

2018 STANDARD SPECIFICATIONS

W.B. HOBBS, P.E.
DIVISION PROJECT TEAM LEAD

CHRIS SLACHTA
DIVISION PROPOSALS ENGINEER

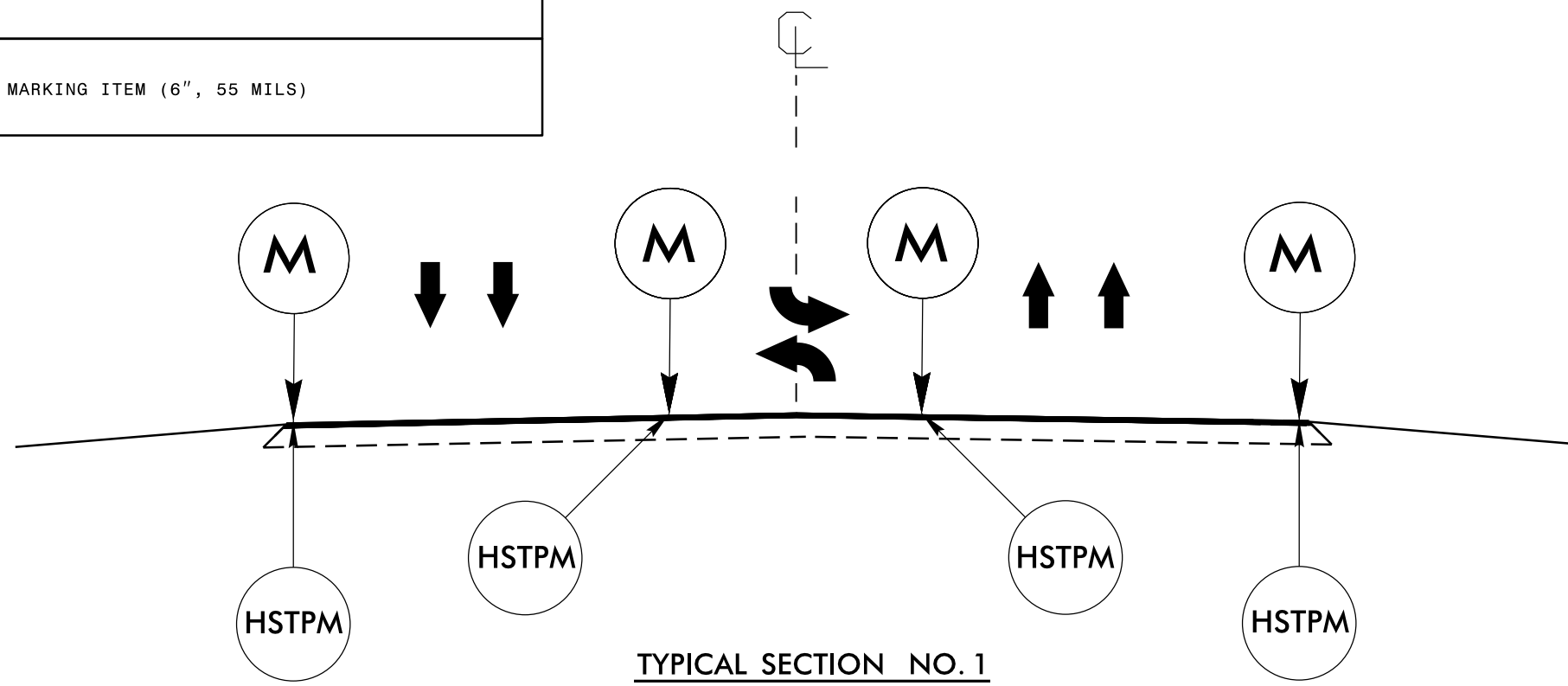
S.P. FENWICK, PLS
DESIGN ENGINEER



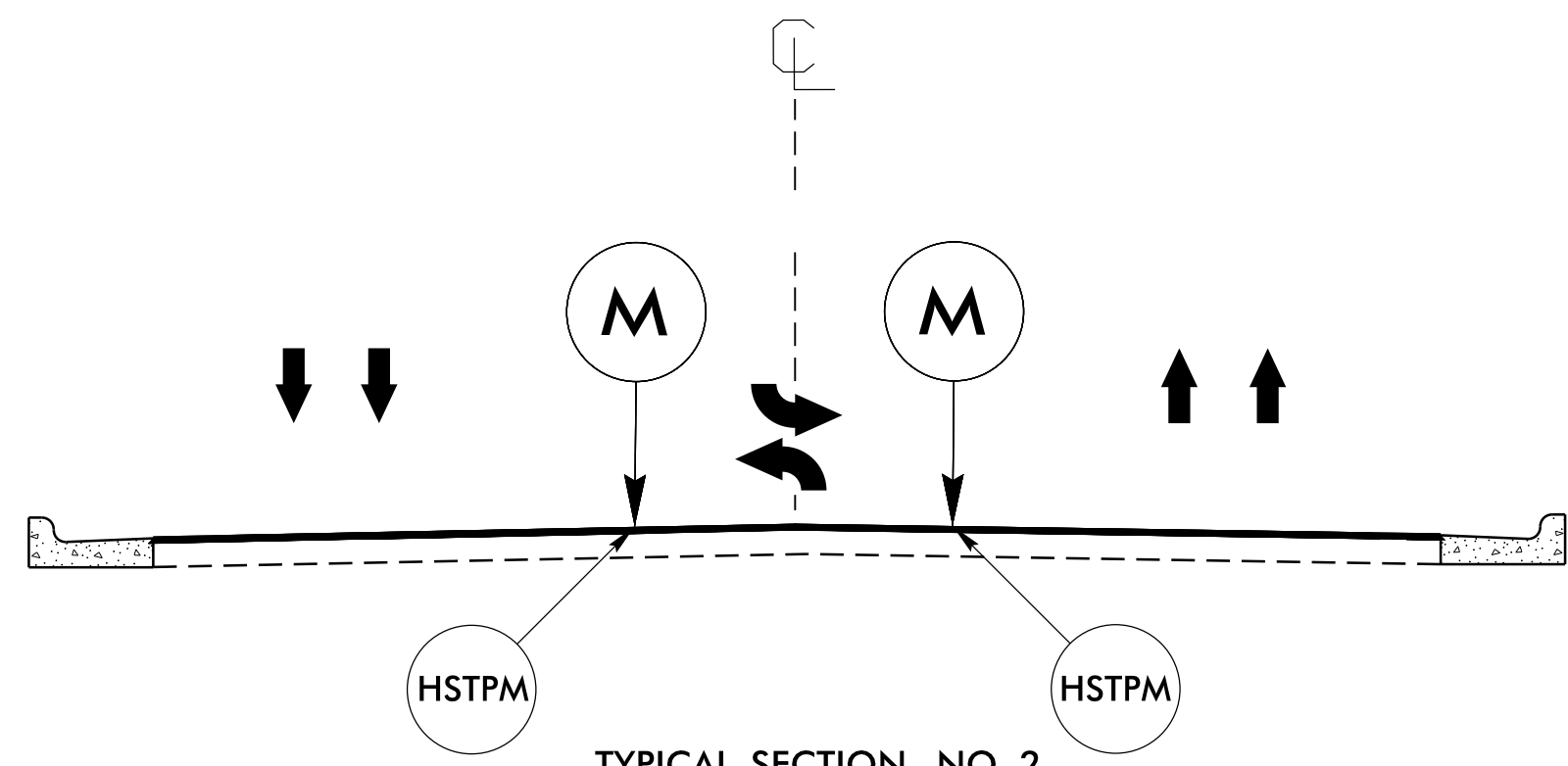
21-JAN-2021 09:56
C:\Users\DLR\OneDrive\Documents\Projects\48965.3.1\Design Files\DNXXXX_Diddc.shl.dgn
\$\$\$USERNAME\$\$\$

PAVEMENT SCHEDULE

M	SINUSOIDAL MILLED RUMBLE STRIPS
HSTPM	HOT-SPRAY THERMOPLASTIC MARKING ITEM (6", 55 MILS)

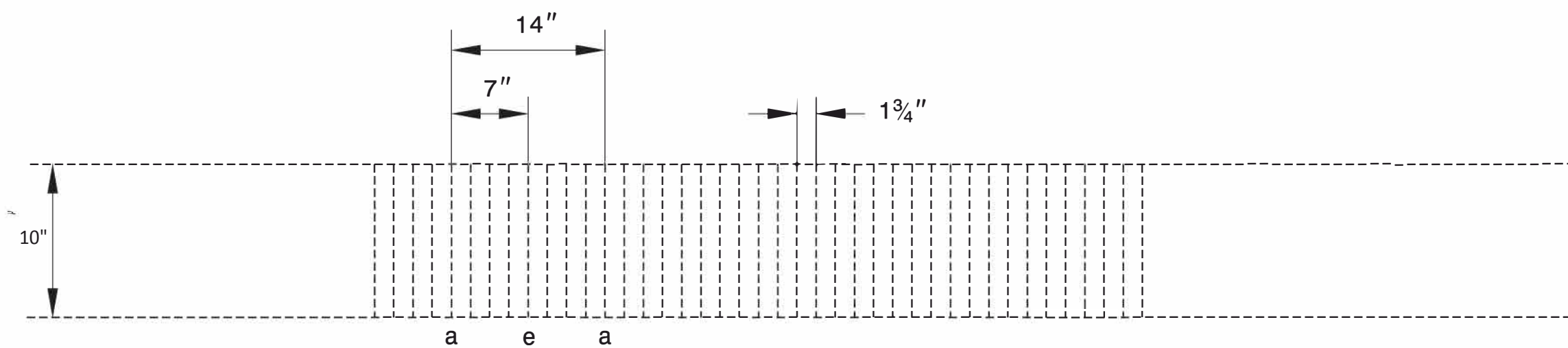


TYPICAL SECTION NO. 1
 USE WITH: MAP 1, MAP 2, MAP 5, & MAP 6



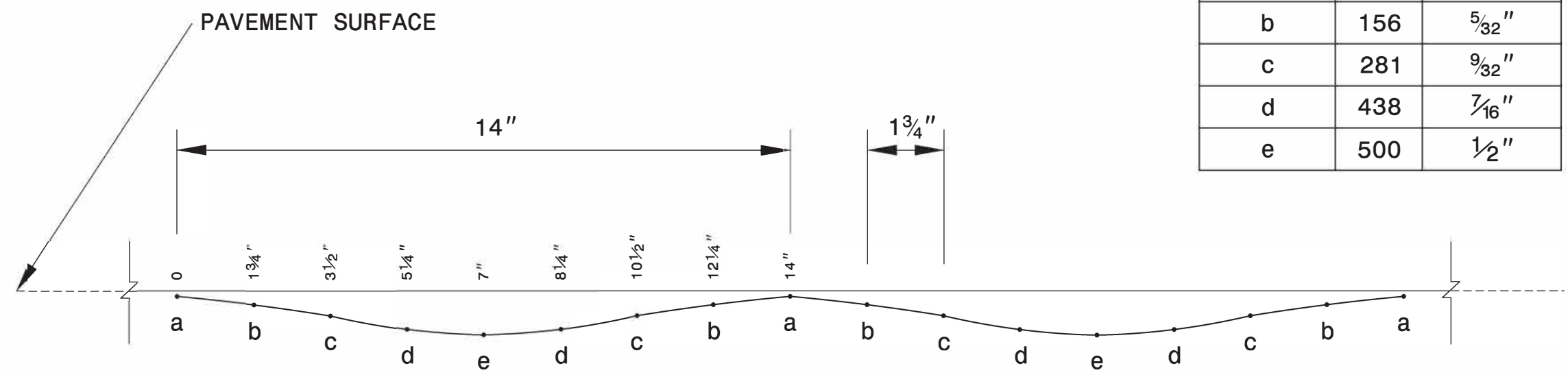
TYPICAL SECTION NO. 2
 USE WITH: MAP 3 & MAP 4

28-Jul-2021 10:42
 C:\Users\BKR\OneDrive\Documents & Settings\BKR\My Recent Documents\48965.3J-0400497\Design Files\48965.3J-0400497.dgn
 \$\$\$USERNAME\$\$\$



PLAN

LOCATION	DEPTH	
	MIL	INCHES
a	62.5	1/16"
b	156	5/32"
c	281	9/32"
d	438	7/16"
e	500	1/2"



PROFILE

CONTRACTS STANDARDS AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

SINUSOIDAL MILLED RUMBLE STRIPS

ORIGINAL BY: K.A.KEMPF DATE: 08/02/17
MODIFIED BY: DATE: _____
CHECKED BY: DATE: _____
FILE SPEC.: sinusodial_rumble_strips.dgn

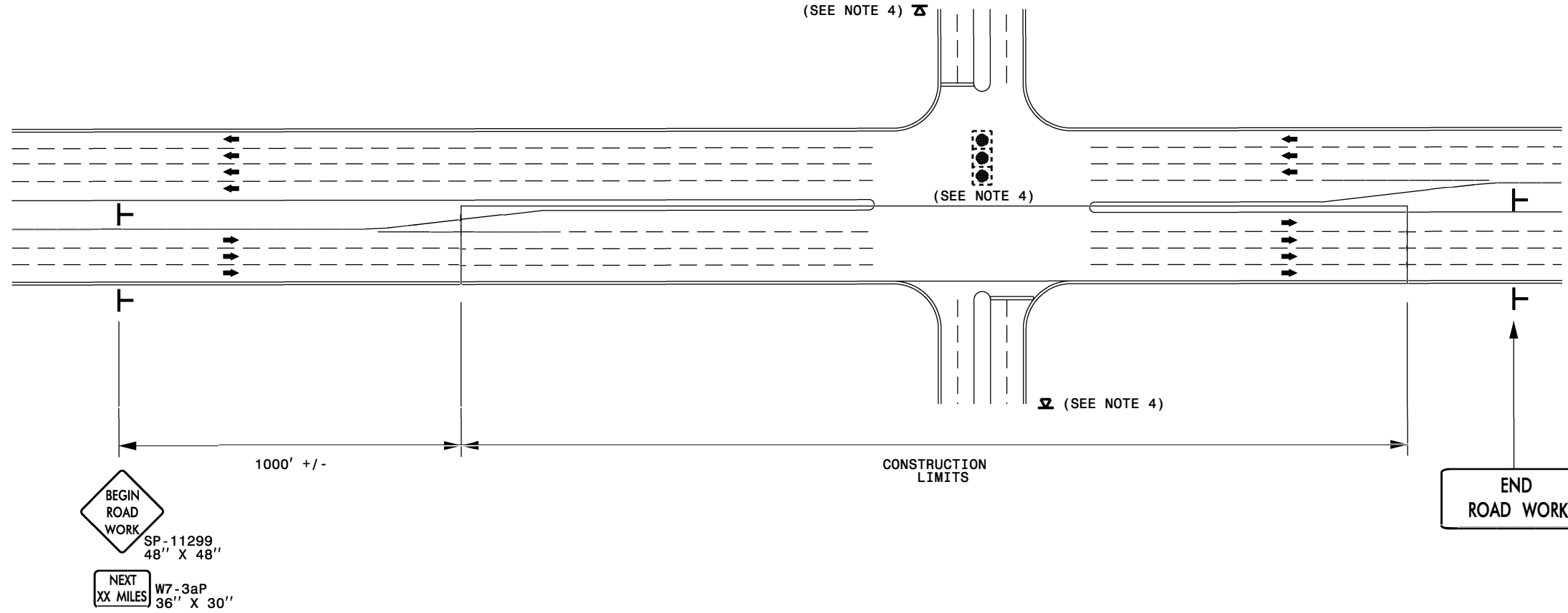
02-AUG-2017 14:46
S:\Contracts\Projects\Special Details\kempf\english\sinusodial_rumble_strips.dgn
Jlowerton AT CSD-292996

PROJECT NO.	SHEET NO.
48965.3.1	4

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	MOBILIZATION	TEMPORARY TRAFFIC CONTROL	GENERIC PAVING ITEM (SINUSOIDAL MILLED RUMBLE STRIP 14")	HOT - SPRAY THERMOPLASTIC PAVEMENT MARKING ITEM (6" / 55 MILS)
										MI	FT	LS	LS	LF	LF
48965.3.1	Bertie	1	US 17 NORTH BOUND LANE	FROM LEDREW PEERY RD SR 1364 TO BEGIN CURB & GUTTER	1	5	MU	NO	NO	1.5	60	1	1	15,840	19,800
48965.3.1	Bertie	2	US 17 SOUTH BOUND LANE	FROM BEGIN CURB & GUTTER TO LEDREW PERRY SR 1364	1	5	MU	NO	NO	1.5	60	*	*	15,840	19,800
48965.3.1	Bertie	3	US 17 NOUTH BOUND LANE	FROM BEGIN CURB & GUTTER TO END CURB & GUTTER	1	5	MU	NO	NO	2.2	60	*	*	11,616	17,424
48965.3.1	Bertie	4	US 17 SOUTH BOUND LANE	FOM END CURB & GUTTER TO BEGIN CURB & GUTTER	1	5	MU	NO	NO	2.2	60	*	*	11,616	17,424
48965.3.1	Bertie	5	US 17 NORTH BOUND LANE	FROM END CURB & GUTTER TO BEGIN DIVIDED HIGHWAY	1	5	MU	NO	NO	0.4	60	*	*	4,224	5,280
48965.3.1	Bertie	6	US 17 SOUTH BOUND LANE	FROM DIVIDED HIGHWAY TO BEG CURB & GUTTER	1	5	MU	NO	NO	0.4	60	*	*	4,224	5,280
GRAND TOTAL										8.2		1	1	63,360	85,008

URBAN / SUBURBAN WORKZONES



NOTES:

- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND	
T	STATIONARY SIGN
➔	DIRECTION OF TRAFFIC FLOW

	<p>RESURFACING ADVANCE WARNING SIGNS FOR URBAN / SUBURBAN FACILITIES</p>
--	---

21-JAN-2021 10:32
 C:\Users\bkbr\OneDrive\Documents\Rick's Contracts\Ber-tie\48965.3.1\Design Files\48965.3.1\11ddc.sh5.dgn
 \$\$\$USERNAME\$\$\$