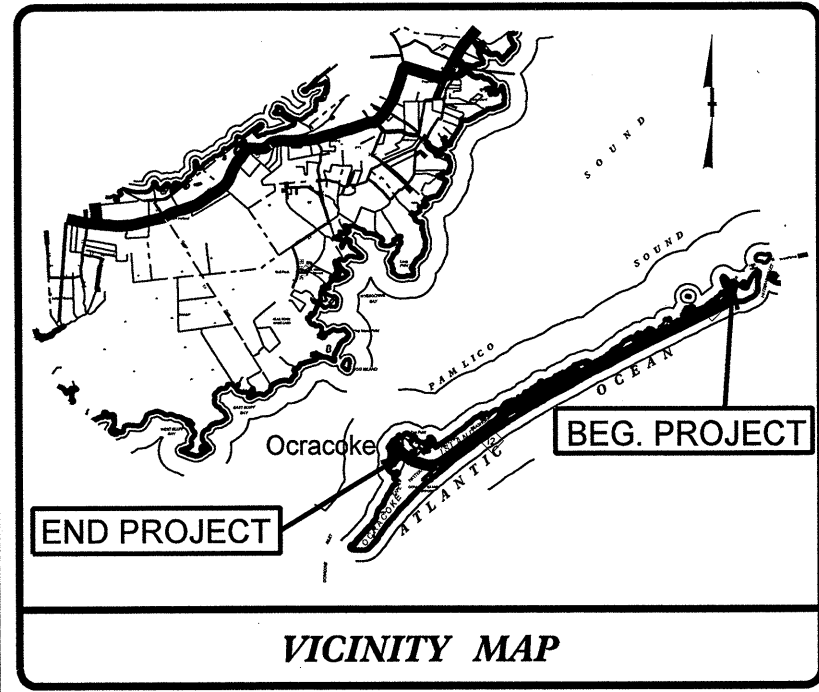


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5149	1	

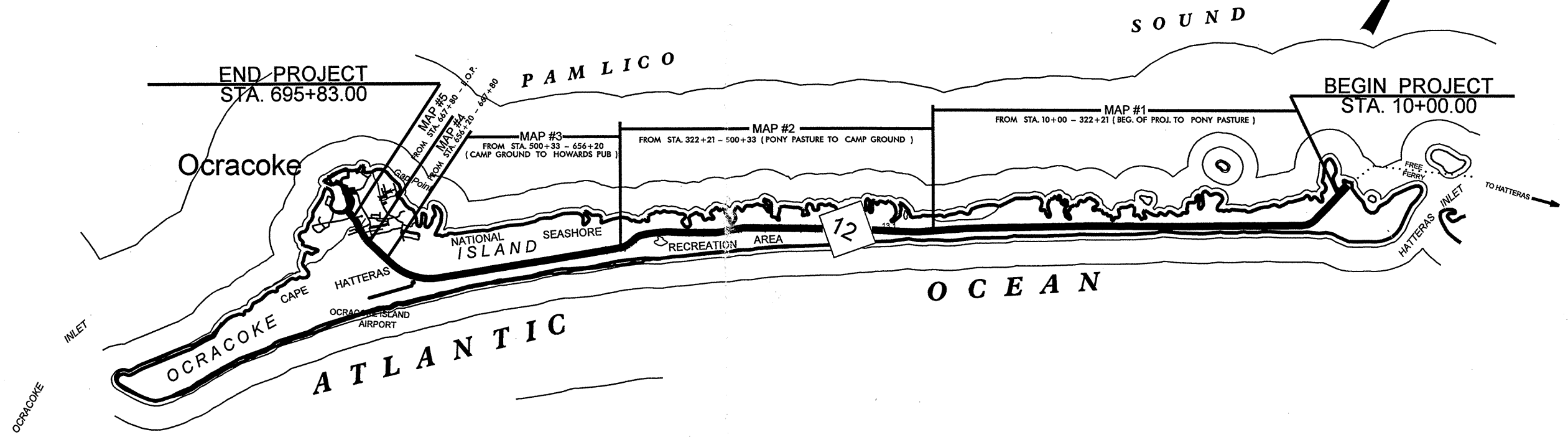
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

HYDE COUNTY

LOCATION: NC 12 From Hatteras Ferry Terminal To The Village Of Ocracoke, Ocracoke Island
TYPE OF WORK: Widening, Resurfacing, Milling and Shoulder Reconstruction



VICINITY MAP



T.I.P.#: R-5149

INDEX OF SHEETS

- SHEET 1 TITLE SHEET
- SHEET 2 & 3 PAVEMENT SCHEDULE
TYPICAL SECTIONS
- SHEET 4 DETAIL SHEET
- SHEET 5 SUMMARY of QUANTITIES

NOT TO SCALE

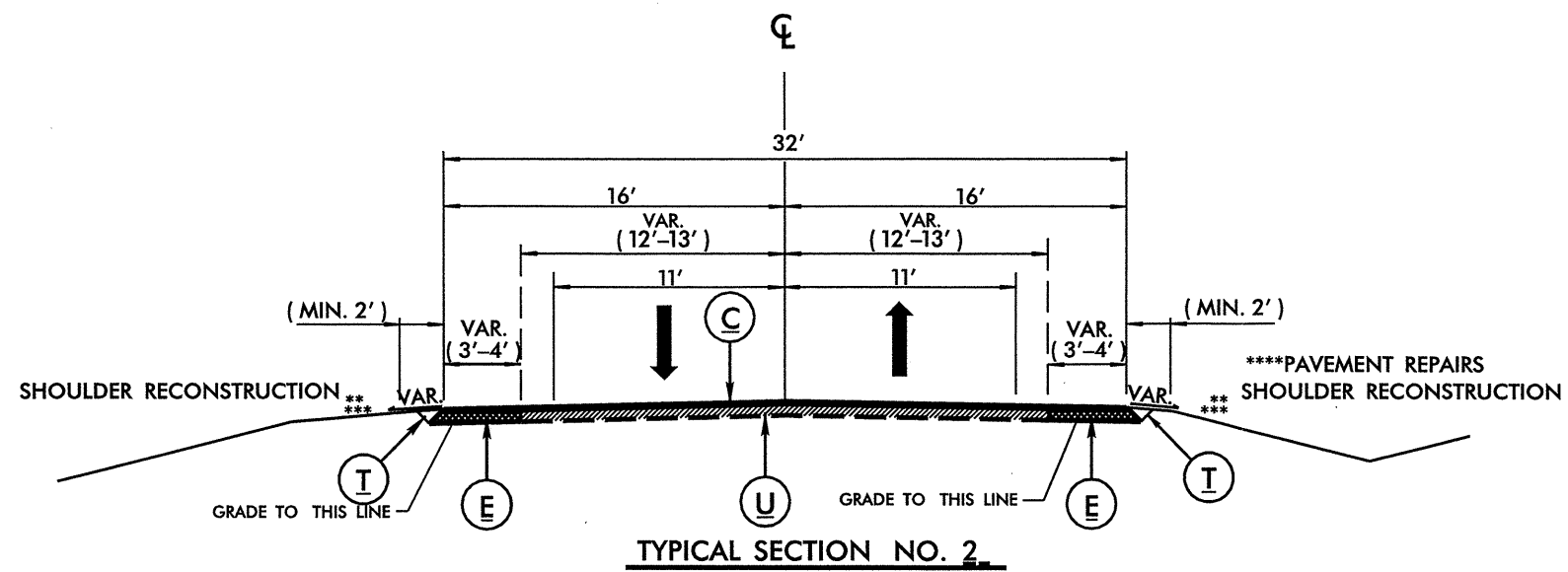


PROJECT LENGTH
12.989 MILES

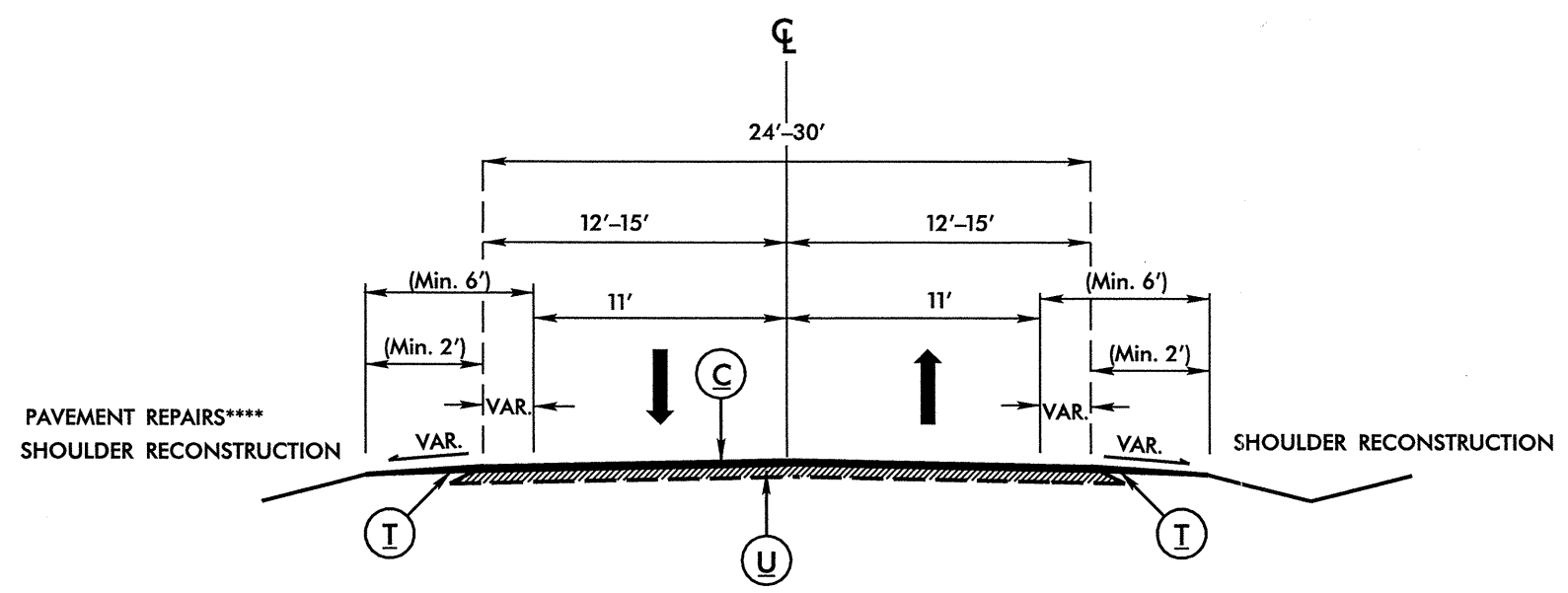
2006 SPECIFICATIONS

BARRY HOBBS, PE
DIV. PROJECT MANAGER

SCOTT P. FENWICK PLS
DESIGN ENGINEER



USE WITH: MAP#2



TYPICAL SECTION NO. 1
USE WITH: MAP#1 AND MAP#5



PAVEMENT SCHEDULE	
C	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
E	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T	EARTH MATERIAL - SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
Y	INCIDENTAL MILLING

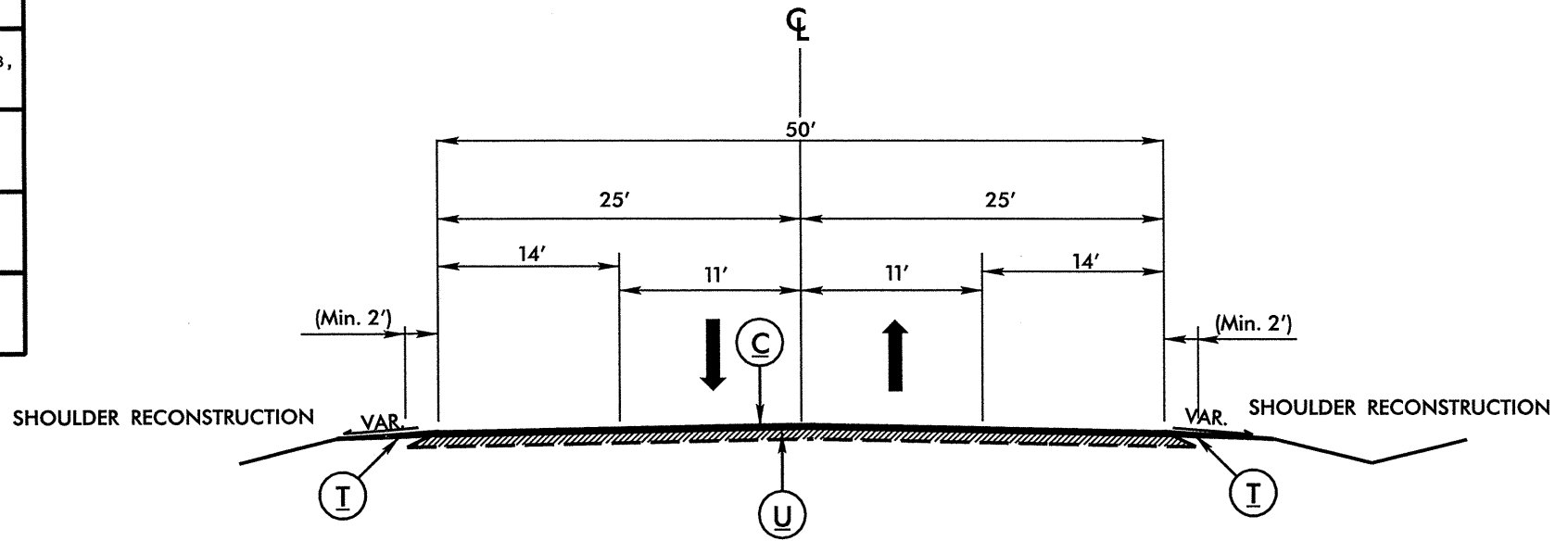
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

NOTES:

- ** THE CONTRACTOR SHALL RE-CONSTRUCT SHOULDERS AS SHOWN IN THE TYPICAL SECTIONS, BUT IN AREAS WHERE THE TOE OF THE EXISTING DUNE ENCROACHES INTO THE MINIMUM SHOULDER THEN THE CONTRACTOR SHALL ONLY ADDRESS THE SHOULDER BETWEEN THE EDGE OF PAVEMENT AND TOE OF DUNE. THE CONTRACTOR SHALL NOT IMPACT THE TOE OF THE EXISTING DUNE.
- *** EXISTING BRIDGES ON MAP#2 SHALL NOT BE RESURFACED. "INCIDENTAL MILLING" SHALL BE PERFORMED AT EACH BRIDGE APPROACH (100LF MAX.) TO ASSURE PROPER TIE IN.
- **** PAVEMENT REPAIRS ARE CONTAINED WITHIN MAP#2 AND MAP#5. THE LIMITS FOR PAVEMENT REPAIR WILL BE AT THE DISCRETION OF THE ENGINEER.

PAVEMENT SCHEDULE	
C	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
E	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T	EARTH MATERIAL - SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



TYPICAL SECTION NO. 4

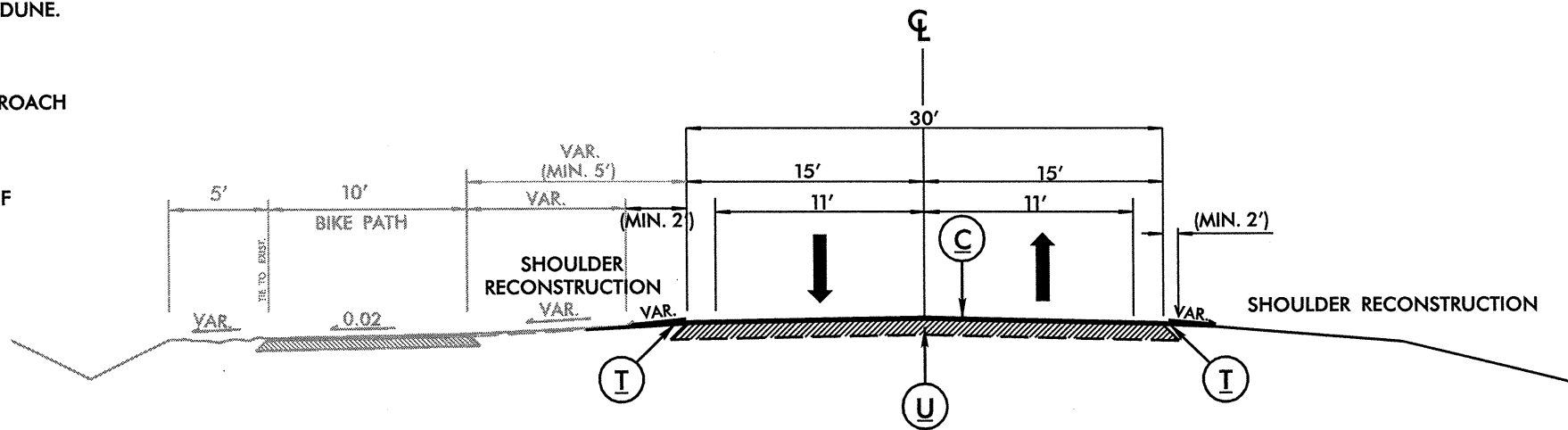
USE WITH MAP#4

NOTES:

** THE CONTRACTOR SHALL RE-CONSTRUCT SHOULDERS AS SHOWN IN THE TYPICAL SECTIONS, BUT IN AREAS WHERE THE TOE OF THE EXISTING DUNE ENCROACHES INTO THE MINIMUM SHOULDER THEN THE CONTRACTOR SHALL ONLY ADDRESS THE SHOULDER BETWEEN THE EDGE OF PAVEMENT AND TOE OF DUNE. THE CONTRACTOR SHALL NOT IMPACT THE TOE OF THE EXISTING DUNE.

*** EXISTING BRIDGES ON MAP#2 SHALL NOT BE RESURFACED. "INCIDENTAL MILLING" SHALL BE PERFORMED AT EACH BRIDGE APPROACH (100LF MAX.) TO ASSURE PROPER TIE IN.

**** PAVEMENT REPAIRS ARE CONTAINED WITHIN MAP#2 AND MAP#5. THE LIMITS FOR PAVEMENT REPAIR WILL BE AT THE DISCRETION OF THE ENGINEER.



TYPICAL SECTION NO. 3

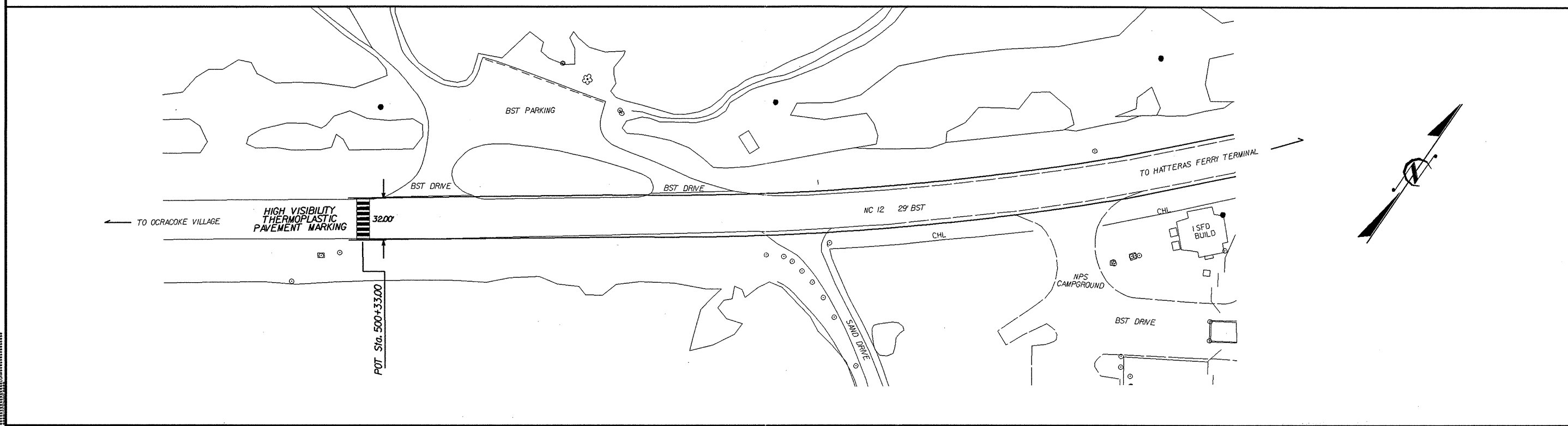
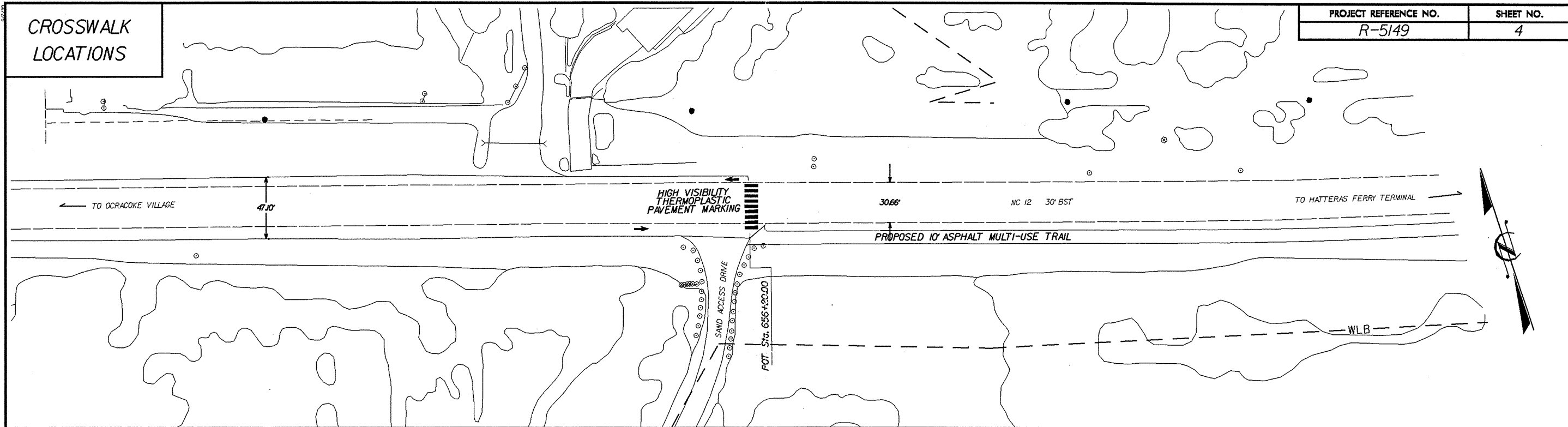
USE WITH MAP#3

NOTE TO CONTRACTOR
THE CONSTRUCTION OF A DETACHED 10' MULTIUSE PATH (SHOWN ABOVE), IS WORK TO BE DONE BY OTHERS AND WILL RUN CONCURRENTLY WITH THIS PROJECT.

THE CONTRACTOR ON THIS PROJECT SHALL COOPERATE WITH THE CONTRACTOR WORKING WITHIN OR ADJACENT TO THE LIMITS OF THIS PROJECT TO THE EXTENT THAT THE WORK CAN BE CARRIED OUT TO THE BEST ADVANTAGE OF ALL CONCERNED.

CROSSWALK
LOCATIONS

PROJECT REFERENCE NO.	SHEET NO.
R-5149	4



PROJECT NO.	SHEET NO.	TOTAL NO.
R-5149	5	

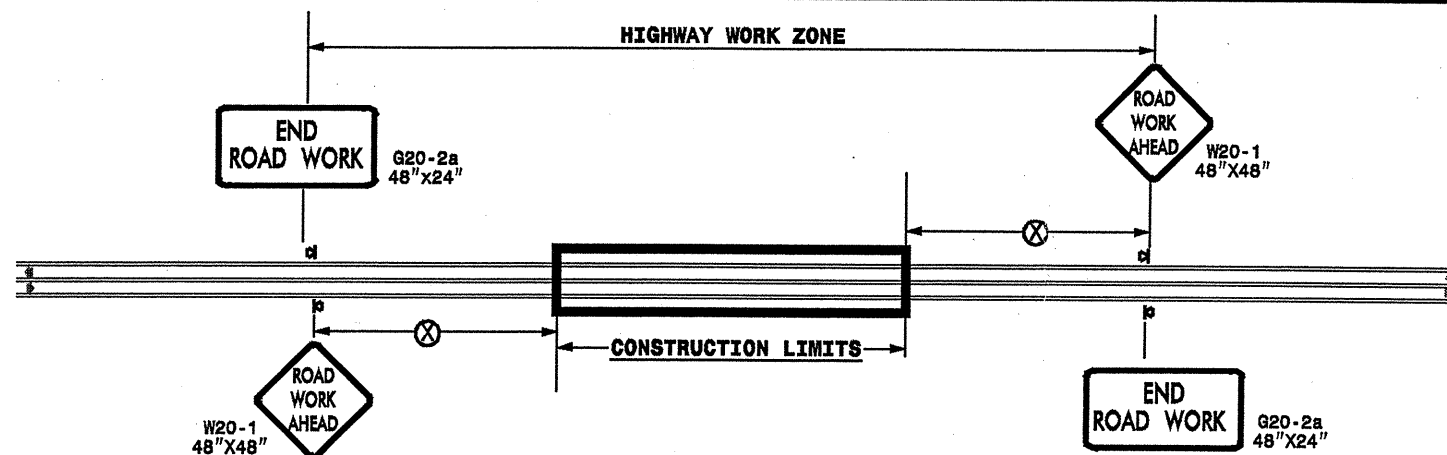
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	INCIDENTAL MILLING SY	BASE COURSE, B25.0B TONS	SURFACE COURSE, S9.5B TONS	PG 64-22 PLANT MIX TONS	ASPHALT PLANT MIX, PAVEMENT REPAIR TONS	SEED & MULCHING AC	FINAL SURFACE TESTING REQUIRED
R-5149	Hyde	1	NC 12	RESURFACING FROM BEG. OF PROJ. TO PONY PASTURE	1	5.91	24.5	50	12			7,889	473		8.60	NO
R-5149	Hyde	2	NC 12	WIDENING AND RESURFACING FROM PONY PASTURE TO CAMP GROUND	2	3.26	32		6.5	4,700	5,429	5,677	574	21	4.74	NO
R-5149	Hyde	3	NC 12	FROM CAMP GROUND TO HOWARDS PUB	3	3.06	30		6.5			4,997	300		4.50	NO
R-5149	Hyde	4	NC 12	FROM HOWARDS PUB TO PAV. WIDTH CHANGE	4	0.22	50		0.5			598	36		0.36	NO
R-5149	Hyde	5	NC 12	STA. 667+80 TO END OF PROJ.	1	0.53	30		1			866	52	285	0.80	NO
TOTAL FOR PROJ NO. R-5149						12.98		50	26.5	4,700	5,429	20,027	1,435	306	19	
GRAND TOTAL						12.98		50	26.5	4,700	5,429	20,027	1,435	306	19	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	24" X 120 M WHITE THERMO LF	THERMO MSG SCHOOL 120 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	LUMP SUM TRAFFIC CONTROL LS
R-5149	Hyde	1	NC 12	RESURFACING FROM BEG. OF PROJ. TO PONY PASTURE	63,592	39,006			63,592	39,006	*
R-5149	Hyde	2	NC 12	WIDENING AND RESURFACING FROM PONY PASTURE TO CAMP GROUND	35,078	21,516			35,078	21,516	*
R-5149	Hyde	3	NC 12	FROM CAMP GROUND TO HOWARDS PUB	32,926	20,196	146		32,926	20,196	*
R-5149	Hyde	4	NC 12	FROM HOWARDS PUB TO PAV. WIDTH CHANGE	2,367	1,452			2,367	319	*
R-5149	Hyde	5	NC 12	STA. 667+80 TO END OF PROJ.	5,703	3,498	160	12	5,703	3,498	*
TOTAL FOR PROJ NO. R-5149					139,666	85,668	306	12	139,666	84,535	1
GRAND TOTAL					139,666	85,668	306	12	224,201		1

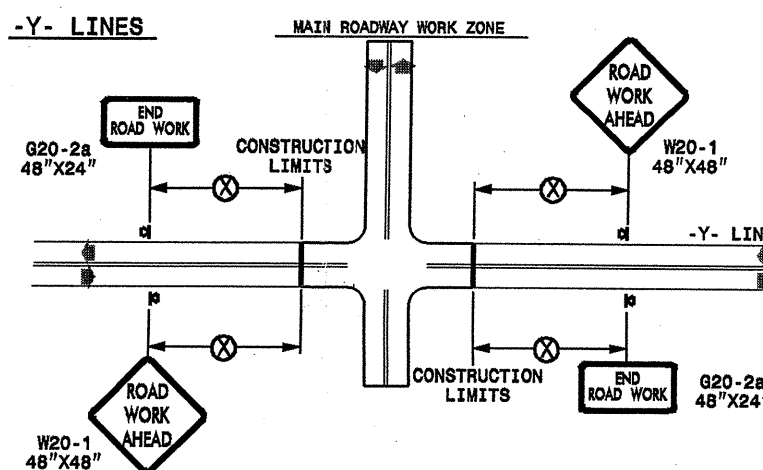
TWO-WAY UNDIVIDED ** (L-LINES)



POSTED SPEED LIMIT (M.P.H.)	RECOMMENDED MINIMUM SIGN SPACING
≤ 50	500'
≥ 55	1000'

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

ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)



GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCE WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH PORTABLE WORK ZONE SIGN STANDS SPECIFICALLY DESIGNED FOR ONE ANOTHER. PORTABLE WORK ZONE SIGNS MAY BE ROLL UP OR APPROVED COMPOSITE.
- PROVIDE PORTABLE WORK ZONE SIGN STANDS, PORTABLE SIGNS AND SIGN SHEETING WHICH ARE LISTED ON THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S APPROVED PRODUCT LIST OR ACCEPTED AS TRAFFIC QUALIFIED BY THE TRAFFIC CONTROL UNIT.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON URBAN MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

LEGEND

- ▢ PORTABLE SIGN
- ◄ DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1

**DETAIL DRAWING
FOR TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS**

APPROVED: _____	DATE: _____
SEAL	DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS
	SCALE: NONE
	DATE: _____
	DESIGN BY: _____
REVIEWED BY: _____	REVISIONS
	7-98 10/01
	10-98 03/04
	01/01 11/04

04-MAY-2009 15:28
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