

NOTE: SEE SHEET TCP-3A FOR SHORING NOTES.

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APPROVED: _____ DATE: _____	PHASE I DETAILS	
SCALE: NONE		REVISIONS
DATE: 3/09		
DWG. BY: KPB		
DESIGN BY: KPB		
REVIEWED BY: JWG		CADD FILE

PROJ. REFERENCE NO.	SHEET NO.
B-3928	TCP-3A

SHORING NOTES

Temporary Shoring No. 1

FOR TEMPORARY SHORING, SEE TEMPORARY SHORING SPECIAL PROVISION.

FOR CONTRACTOR DESIGNED SHORING, SURVEY THE SHORING LOCATION TO DETERMINE EXISTING ELEVATIONS AND ACTUAL DESIGN HEIGHTS BEFORE BEGINNING DESIGN.

WHEN USING CONTRACTOR DESIGNED SHORING FROM STATION 10+30.00 -DR2-, 15.0 FT. LEFT OF -DR2-, TO STATION 10+70.00 -DR2-, 15.0 FT. LEFT OF -DR2-, USE THE FOLLOWING SOIL PARAMETERS:

UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 120$ PCF
 UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma = 60$ PCF
 FRICTION ANGLE, $\phi = 30$ DEGREES
 COHESION, $c = 0$ PSF

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF THE TEMPORARY SHORING FROM STATION 10+30.00 -DR2-, 15.0 FT. LEFT OF -DR2-, TO STATION 10+70.00 -DR2-, 15.0 FT. LEFT OF -DR2-. THE INFORMATION PROVIDED FOR DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

FOR PORTABLE CONCRETE BARRIERS ABOVE AND BEHIND TEMPORARY SHORING, USE AN NCDOT PORTABLE CONCRETE BARRIER (UNANCHORED OR ANCHORED) OR AN OREGON TALL F-SHAPE CONCRETE BARRIER IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS.

Temporary Shoring No. 2

FOR TEMPORARY SHORING, SEE TEMPORARY SHORING SPECIAL PROVISION.

FOR CONTRACTOR DESIGNED SHORING, SURVEY THE SHORING LOCATION TO DETERMINE EXISTING ELEVATIONS AND ACTUAL DESIGN HEIGHTS BEFORE BEGINNING DESIGN.

WHEN USING CONTRACTOR DESIGNED SHORING FROM STATION 13+20.00 -EY-, 25.0 FT. RIGHT OF -EY-, TO STATION 13+60.00 -EY-, 25.0 FT. RIGHT OF -EY-, USE THE FOLLOWING SOIL PARAMETERS:

UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 120$ PCF
 UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma = 60$ PCF
 FRICTION ANGLE, $\phi = 30$ DEGREES
 COHESION, $c = 0$ PSF

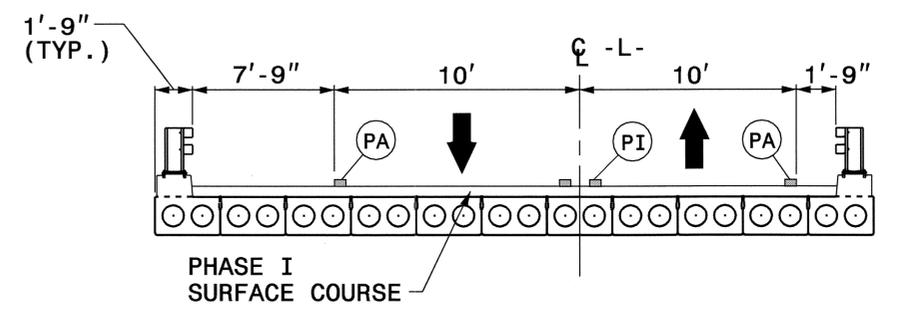
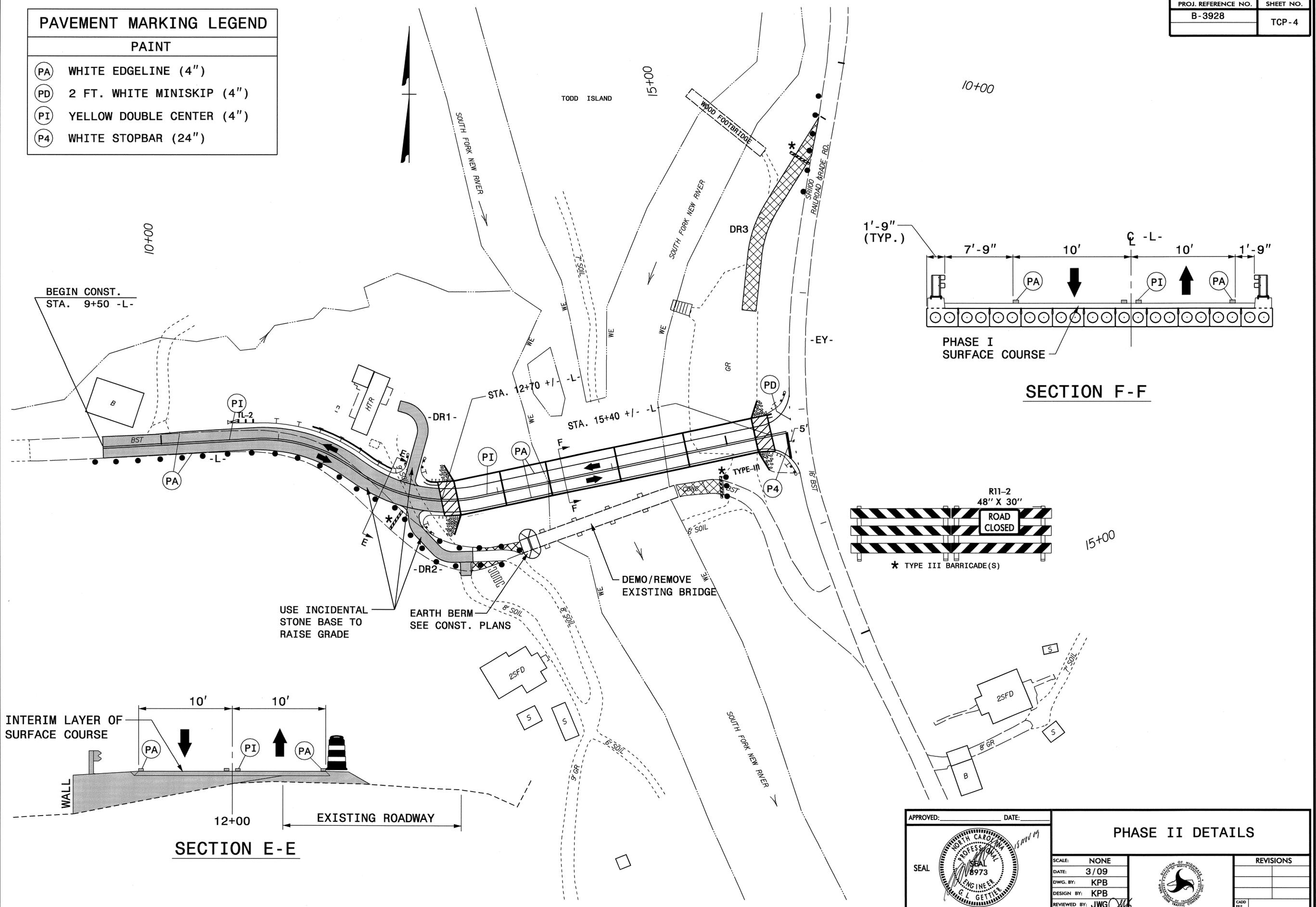
LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF THE TEMPORARY SHORING FROM STATION 13+20.00 -EY-, 25.0 FT. RIGHT OF -EY-, TO STATION 13+60.00 -EY-, 25.0 FT. RIGHT OF -EY-. THE INFORMATION PROVIDED FOR DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

FOR PORTABLE CONCRETE BARRIERS ABOVE AND BEHIND TEMPORARY SHORING, USE AN NCDOT PORTABLE CONCRETE BARRIER (UNANCHORED OR ANCHORED) OR AN OREGON TALL F-SHAPE CONCRETE BARRIER IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS.

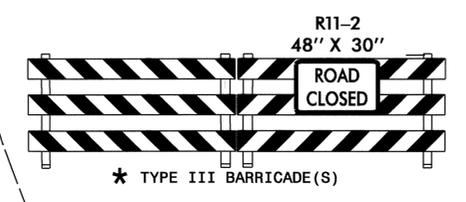
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APPROVED: _____	DATE: _____	SHORING NOTES	
	SCALE: NONE		REVISIONS
	DATE: 5/09		
	DESIGN BY: KPB		
	REVIEWED BY: JWG		
		CADD FILE	

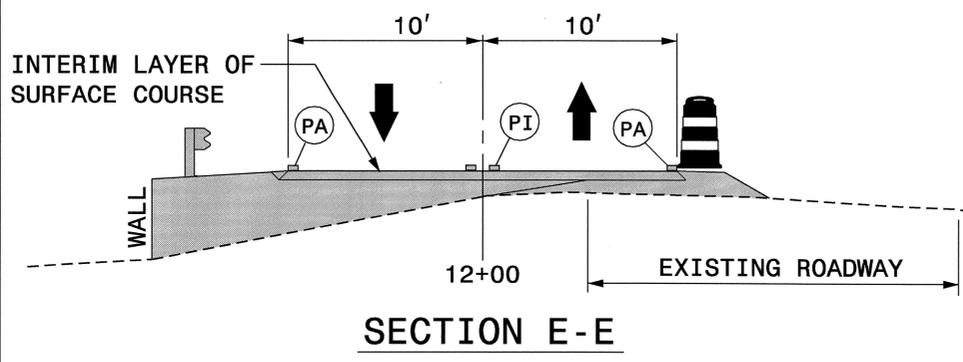
PAVEMENT MARKING LEGEND	
PAINT	
(PA)	WHITE EDGELINE (4")
(PD)	2 FT. WHITE MINISKIP (4")
(PI)	YELLOW DOUBLE CENTER (4")
(P4)	WHITE STOPBAR (24")



SECTION F-F



15+00



SECTION E-E

APPROVED:	DATE:	PHASE II DETAILS	
SCALE:	NONE		REVISIONS
DATE:	3/09		
DWG. BY:	KPB		
DESIGN BY:	KPB		
REVIEWED BY:	JWG		

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