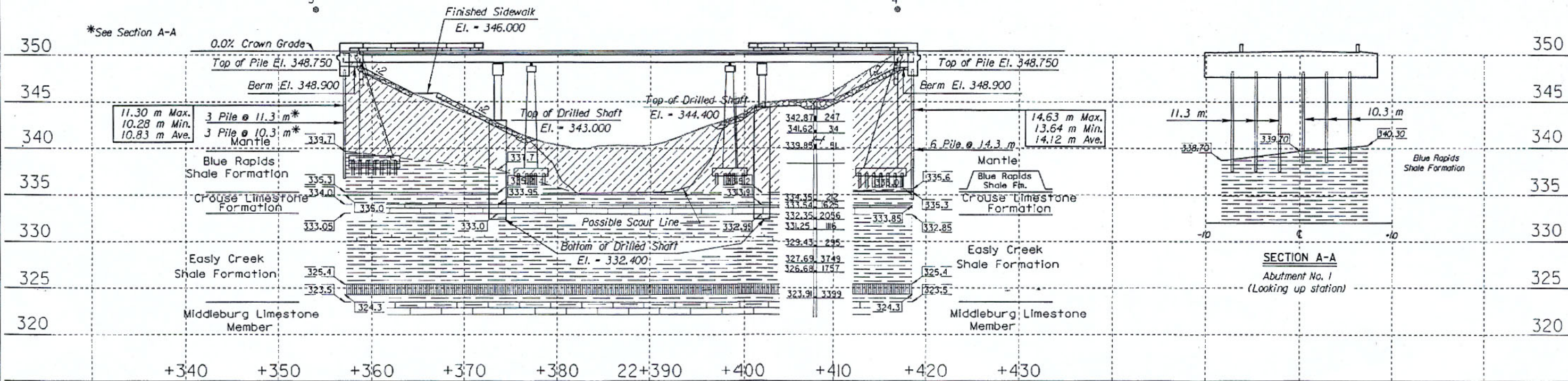


The footing elevations listed will place the shaft sockets in the Speiser Shale Formation. The bottom of the shaft should be cleared of drilling debris. A 1.5 m deep test hole, no larger than 102 mm (4 inches) in diameter, should be made in the rock socket of each shaft as part of the acceptance of the founding elevation. This verification test should be done in the presence of the KDOT personnel in charge of the project.

PILE NOTE: Due to the varying depth to bedrock, we recommend the pile driving procedure be monitored closely. Final pile tip elevations should be established by the field engineer, based on observed blow counts. Once bearing has been obtained, driving should cease to avoid damage to the pile. Should this occur, some pile cut off will be required.



STANDARD		GEOLOGIC SYMBOLS		GEOLOGIC PROFILE	
	Clay		Calliche		Weathered Shale
	Silty Clay		Silty Clayey Shale		Sandstone
	Silt		Limy Shale		Shaly Sandstone
	Sand		Black or Fossiliferous Shale		Silty Limestone
	Gravel		Sandy Shale		Siltstone
	Boulders		Gypsum		Weathered or Broken Limestone
			Gypsiferous Shale		Coal

NOTE: Soundings shown on these plans are taken from notes obtained in the field and represent the best information available. Logs of these soundings are in the files of the Kansas Department of Transportation and are available at their offices at Topeka, Kansas for inspection by interested and qualified bidders.

SCALE: 1:200

3				
2	5/1/200	Revised Drilled Shaft Dimensions	MEF	KEH
NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION
 Br. No. 99-75-14.56(056) 22+387.800

ENGINEERING GEOLOGY
 (K-99 over Rock Creek)

Proj. No. 99-75 K-6421-01 Pottawatomie Co

SHEET NO. OF SCALE APP'D
 DESIGNED MEF DETAILED MEF QUANTITIES MEF CAOD
 DESIGN CK. DRT DETAIL CK. DRT QUANT. CK. DRT CAOD CK.

Plot/Red By: Jank
 File: \\DOTCOM\H71\Projects\Working\99-75\14.56\AsBuilt\Geology\642101-056-01.ab.dgn
 Plot Date: 03-FEB-2005 13:40