



**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Temporary Soil Retention System	Sq. Ft.	307

Notes:  
 Hatched areas indicate Removal of Existing Structures.  
 For details of Temporary Concrete Barrier, see sheet 5 of 7.  
 See Roadway Plans for quantity of Temporary Concrete Barrier.  
 A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

**STAGE CONSTRUCTION DETAILS &  
 TEMPORARY SOIL RETENTION SYSTEM  
 STRUCTURE NO. 070-2018**

<b>CEC</b> Civil and Structural Engineering	Cummins Engineering Corporation	JOB = 2223.1	DESIGNED A.A.N. & T.S.H.
		FILE = 0702018-74165-002-stage.dgn	CHECKED M.D.C.
		DATE = 8/11/2014	DRAWN T.S.H.
			CHECKED M.D.C.

Sheet 2 of 7	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	323	(142BY)BR	MOULTRIE	35	25
	CONTRACT NO. 74165				
FED. ROAD DIST. NO. 7   ILLINOIS   FED. AID PROJECT					