Notes:

Portions of the existing abutments which are to be removed shall be removed during Stage II Removal only. The Contractor shall retain an Illinois Licensed Structural Engineer to design and detail the method for any partial removal of the existing abutment. The design shall be submitted to Engineer for review and approval.

The Contractor's Temporary Soil Retention System shall be designed and installed in such a manner that does not damage or require partial removal of the existing abutment or tie-back system.

Dimensions and elevations relative to existing abutment tie-back systems are taken from existing plans and are subject to nominal construction variations. The Contactor shall field verify the locations of the tie-backs and make necessary adjustments to the Temporary Soil Retention System design prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

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 Enaineer.

Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure.

See existing bridge plans for addiitional details of existing abutments.





ESI	DESIGNED - DF CHECKED - ADG, SA DRAWN - ADG	REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL DATA & STAGE CONSTI Structure NO. 015-
ESI CONSULTANTS, LTD Excellence, Service, integrity PLOT DATE = 10/11/2011	CHECKED - DF	REVISED -		SHEET NO. 03 OF 24 SHE

SECTION TOTAL SHEE SHEETS NO. F.A.P. RTE. COUNTY STRUCTION DETAILS 91 (5BR)B-1 COLES 38 91 5-0075 CONTRACT NO. 74244 SHEETS FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT