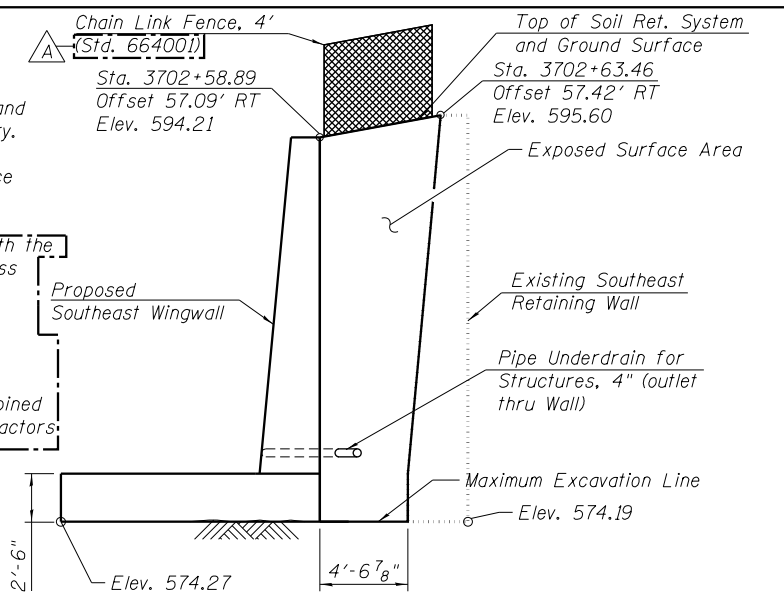
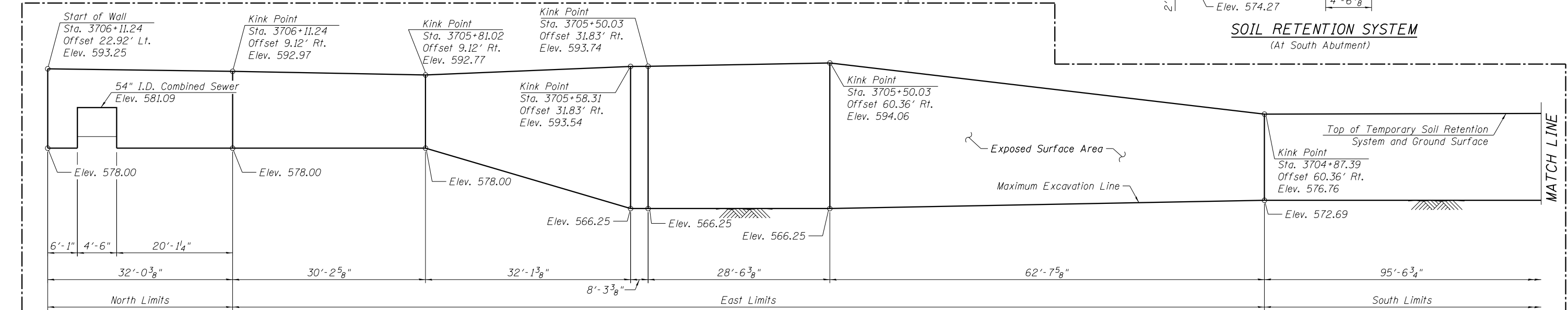


TEMPORARY SOIL RETENTION SYSTEM NO. 5
(At Pier 2)

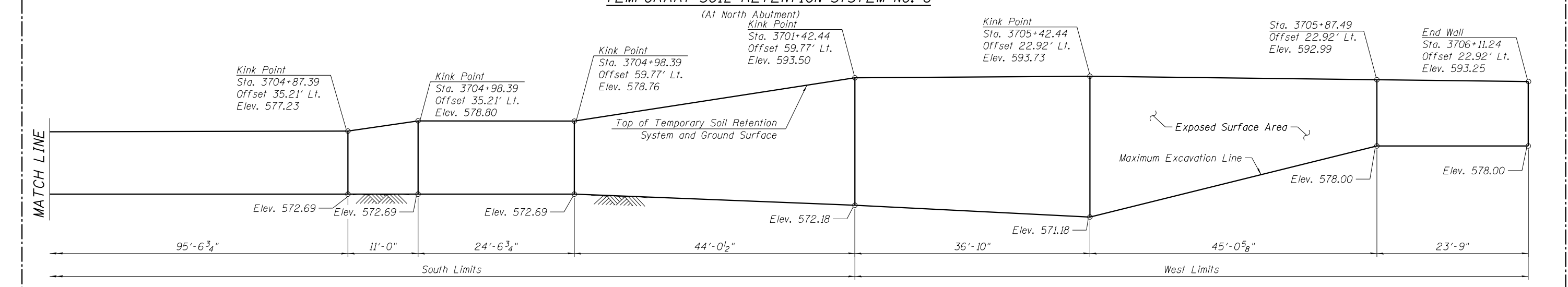
Notes:
 Driving piles and temporary sheet piling is not allowed. A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a soil retention system design including plan details and calculations for review and acceptance by The Engineer.
 The maximum allowable excavation slope is 1:2 (V:H).
 The portion of Temporary Soil Retention No. 6 in conflict with the existing siphon cannot be constructed until the temporary bypass is constructed. For Siphon Plans see Sheet 71 thru 76 of 356. The existing siphon and the existing 54" combined storm sewer location shall be verified in the field and approved by the Engineer prior to temporary soil retention construction.
 Any damage to the existing siphon and the existing 54" combined storm sewer during construction shall be repaired at the Contractors expense.
 Chain Link Fence, 4' shall be installed behind the Soil Retention System at the South Abutment.



SOIL RETENTION SYSTEM
(At South Abutment)



TEMPORARY SOIL RETENTION SYSTEM NO. 6



TEMPORARY SOIL RETENTION SYSTEM NO. 6
(At North Abutment)

BILL OF MATERIAL

Item	Unit	Quantity
Chain Link Fence, 4'	Foot	5
Temporary Soil Retention System	Sq. Ft.	7,022
Soil Retention System	Sq. Ft.	104

3:55:22 PM 01/17/08-60W29-5006-Substruct - TempExc2.dgn



USER NAME = kahastings	DESIGNED KAH	REVISED A 12/18/2013 KAH/MDS
PLOT SCALE = 8x0.0000 ' / in.	CHECKED MDS	REVISED
PLOT DATE = 1/10/2014	DRAWN AJP	REVISED
	CHECKED MDS	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SOIL RETENTION DETAILS 2
STRUCTURE NO. 016-1708

SHEET NO. 6 OF 55 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	138
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				