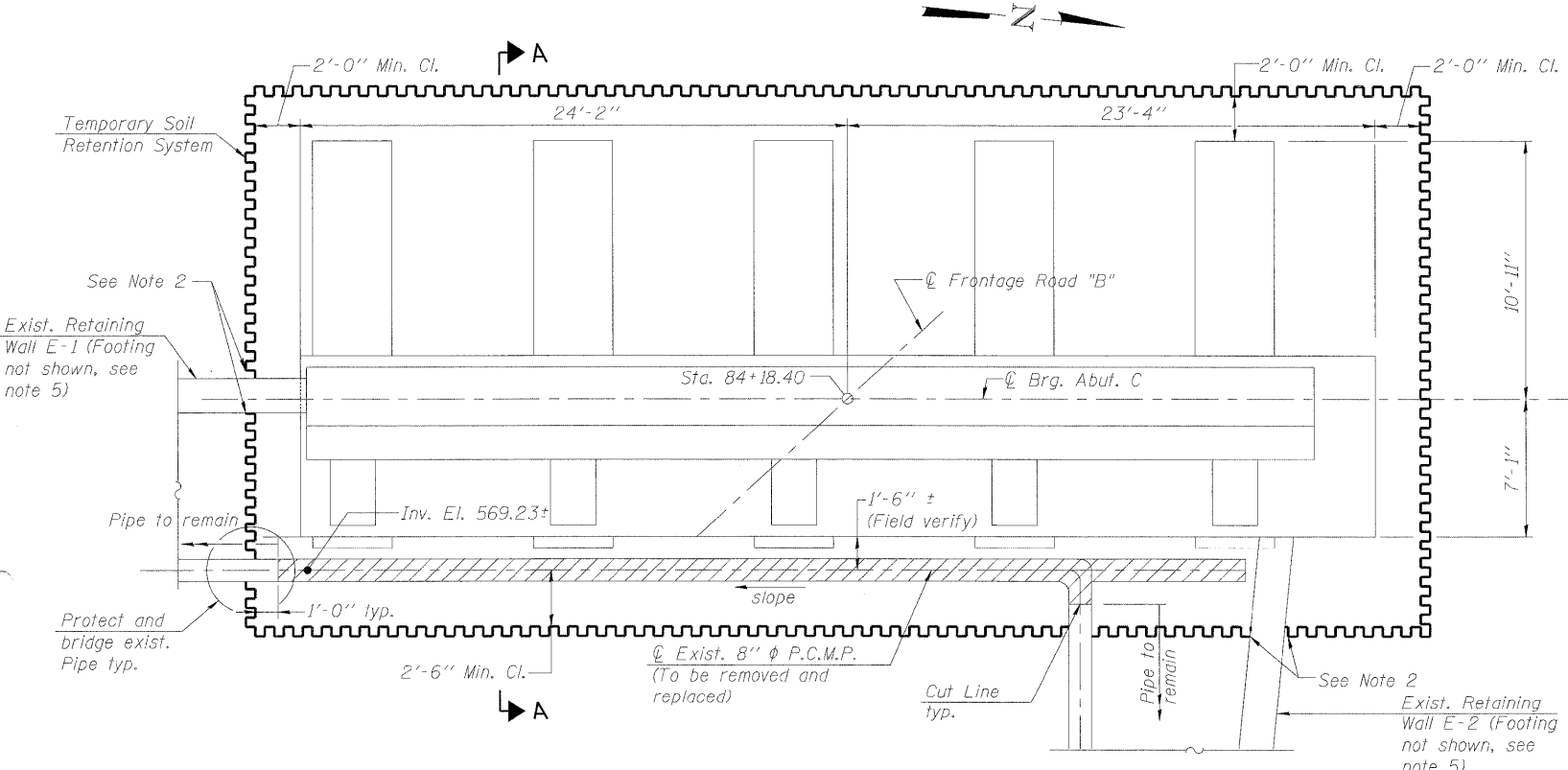


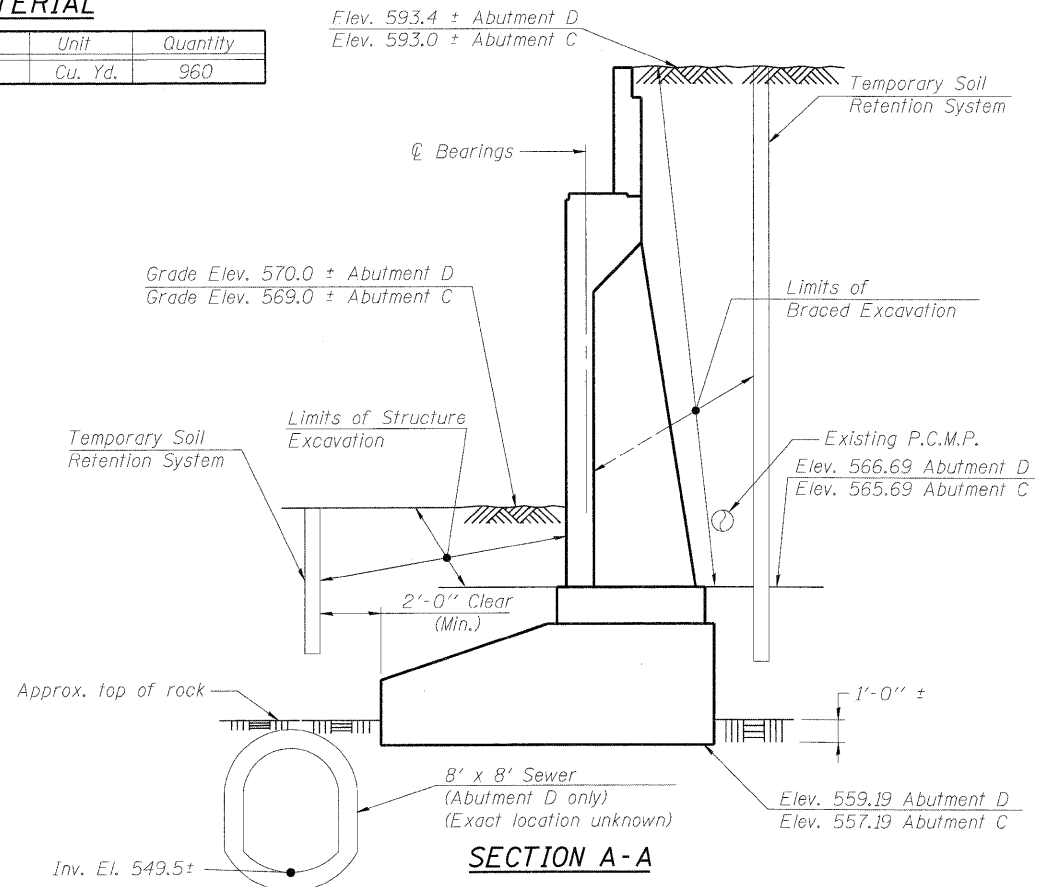
PLAN ABUTMENT D



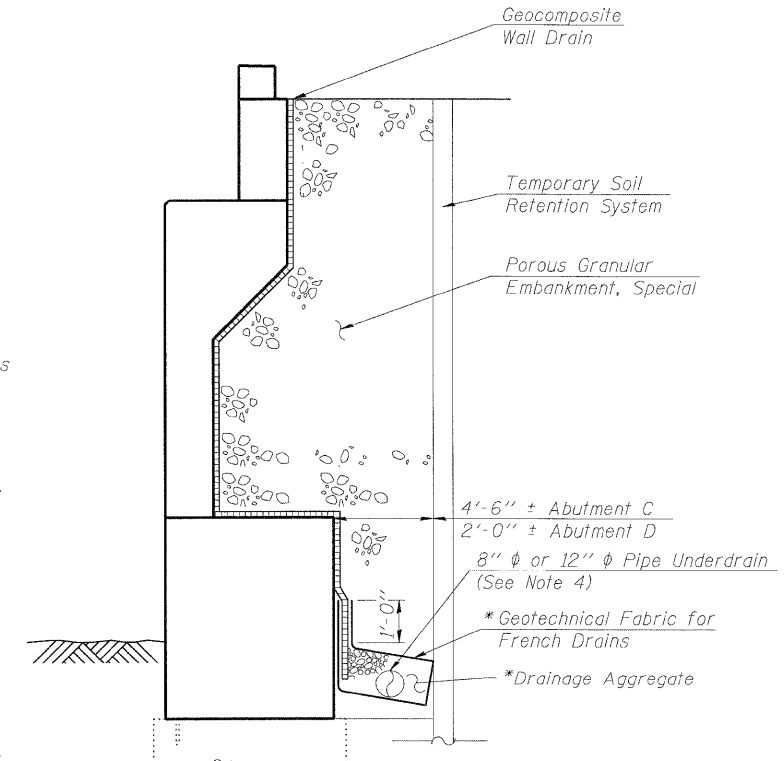
PLAN ABUTMENT C

BILL OF MATERIAL

Item	Unit	Quantity
Braced Excavation	Cu. Yd.	960



SECTION A-A



UNDERDRAIN DETAIL

* Included in the cost of Pipe Underdrains for Structures.

NOTES:

1. 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. The temporary soil retention system is included in the cost for Braced Excavation.
2. The Contractor shall connect the temporary soil retention system to the existing retaining wall stem to ensure stability of system members placed to the top of existing footing. This connection shall be reviewed and accepted by the Engineer and included in the cost for Braced Excavation.
3. P.C.M.P. - Perforated Corrugated Metal Pipe.
4. A new pipe underdrain (sized to match existing) shall be installed at the same location as the pre-existing drain pipe that is removed during excavation. This new pipe shall connect into the existing drainage system, maintaining the existing slope configuration.
5. Contractor shall field verify the location of existing retaining wall footings prior to installing the temporary soil retention system.



DESIGNED - LSD	REVISÉ -
DRAWN - JJN	REVISÉ -
CHECKED - TNS	REVISÉ -
DATE - 1/13/09	REVISÉ -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SOIL RETENTION SYSTEM
F.A.P. 392 FRANKLIN CONNECTOR (AT I-55 FRONTAGE ROAD B)
STRUCTURE NO. 016-1093

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
392	1717-2-3B-R	COOK	114	97

CONTRACT NO. 62197

SCALE: NTS SHEET NO. SB19 OF SB24 SHEETS STA. 85+60.68

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT