

**STAGE I REMOVAL**

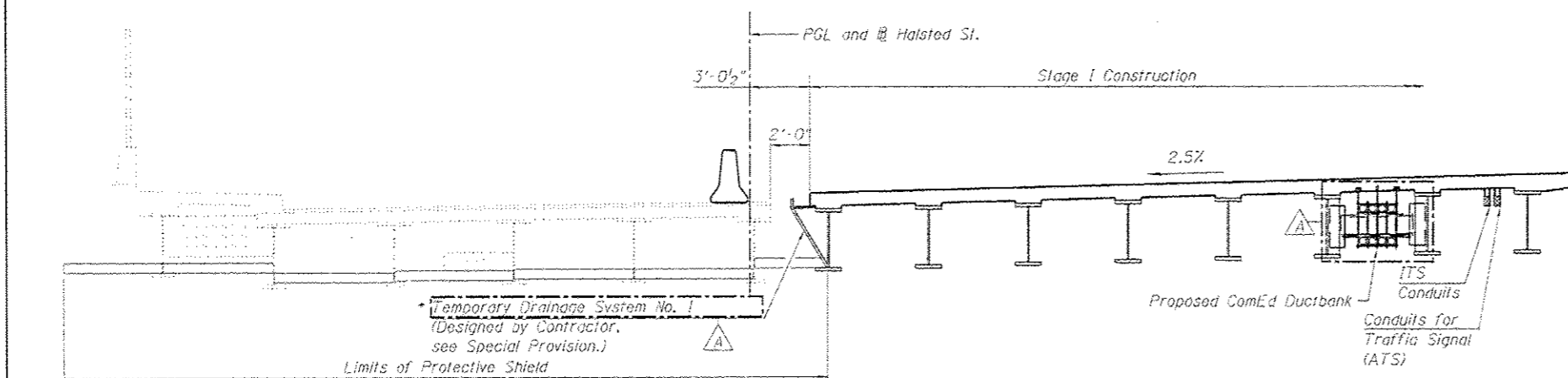
**STAGE I REMOVAL**

1. Install temporary concrete barrier as shown to locate construction work area on the east side of the existing structure.
2. Remove the existing CDOT ductbank with ComEd between existing girders 8 and 9 and remove the existing ComEd ductbank between existing girders 11 and 12. See Lighting and ITS plans. Utilities to be located to west portion of the existing bridge.
3. Install Temporary Soil Retention System at the abutments and Piers 2, 3 and 4.
4. Remove the existing structure as indicated.

**STAGE I CONSTRUCTION**

The following construction items will be performed within the limits of Stage I Construction:

1. Drill and cast drilled shafts for abutments and piers as shown in Foundation Layout.
2. Construct abutments, piers and soil retention systems.
3. Erect Girders 8 through 15.
4. Construct reinforced concrete deck and approach slab. Set reinforcement bars for east parapet. Set reinforcement expansion anchor or Ferrule Loop Slab insert for east sidewalk.
5. Perform bridge deck grooving for the bridge deck.
6. Apply protective coat for the bridge deck.
7. Erect ComEd ductbank.
8. Place temporary pavement markings on the top of deck for staged traffic.
9. Provide a temporary drainage system. Connection of formwork to girder must be designed to withstand additional loading.

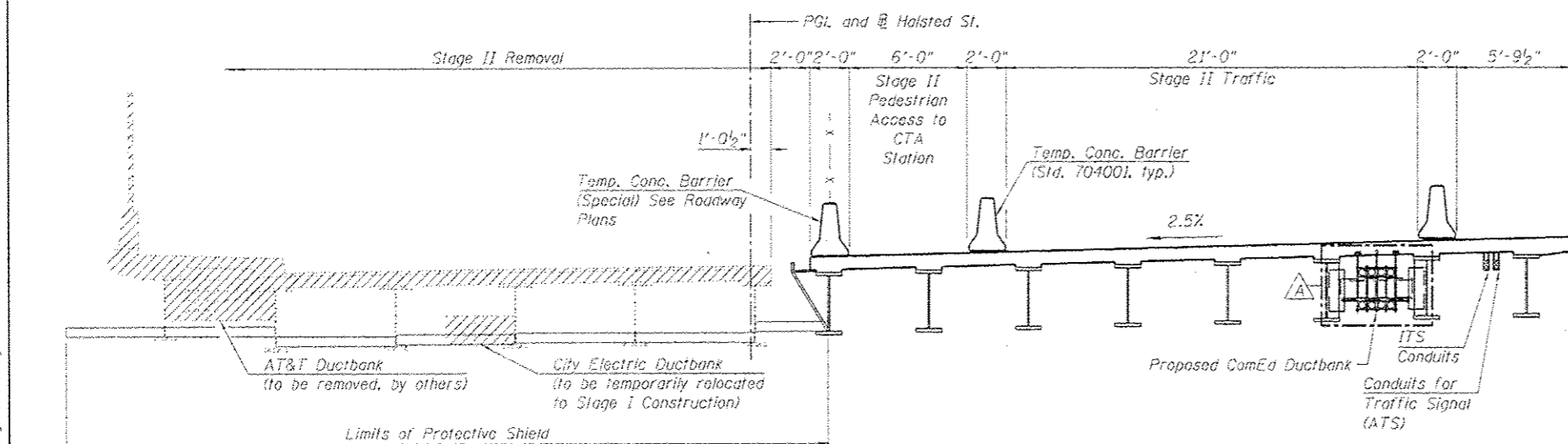


**STAGE I CONSTRUCTION**

**STAGE II REMOVAL**

1. Install temporary concrete barriers as shown to locate Stage II traffic, pedestrian access to CTA Station and construction work area on the Stage I Constructed portion of the bridge.
2. Relocate the existing ductbank to the Stage I constructed portion of the bridge. See Lighting, Utility, and ITS plans.
3. Remove the existing structure as indicated.
4. Construct temporary bridge for pedestrian access to the CTA station.

\*For Temporary Drainage System No. 1 details of the bridge, see Drainage Plan. Minimum cross-sectional area of Temporary Drainage System = 0.56 Sq. Ft.



**STAGE II REMOVAL**

Notes:  
 All staging cross sections are looking North. For quantity of Temporary Concrete Barrier, see roadway plans.  
 Hatched area indicates Removal of Existing Structures, No. 2.  
 Stage removal and stage construction lines are different for the superstructure and substructure.  
 Place conduits below diaphragm.

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Temporary Drainage System No. 1	L. Sum	1

10/15/2013 10:00 AM 10/15/2013 10:00 AM 10/15/2013 10:00 AM



USER NAME: mscuitz	DESIGNED: KAH	REVISION: 10/15/2013 KAH
PLLOT SCALE: 3/8" = 1' - 0" / in.	CHECKED: MDS	REVISION:
PLLOT DATE: 10/15/2013	DRAWN: RTS	REVISION:
	CHECKED: KAH	REVISION:

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION 1  
 STRUCTURE NO. 016-1716

SHEET NO. 52-09 OF 52-81 SHEETS

F.A.D. RITE:	SECTION	COUNTY	TOTAL SHEETS
3730	2013-008R	COOK	559 / 169
CONTRACT NO. 60W26			ILLINOISIFIED AID PROJECT