



SUBSTRUCTURE LAYOUT PLAN

NOTES:

- All Substructure are oriented 90° to @ & PGL Ramp NW unless noted otherwise.
- The Contractor shall take precautions to not to damage existing retaining wall S.N. 016-Z024 during construction. The Contractor is responsible for the structural integrity and stability of the existing wall. Any damage to existing retaining wall shall be repaired by the Contractor at no additional cost.
- The Contractor shall field locate existing retaining wall (S.N. 016-Z024) piles near the S. Abutment and Pier 1 prior to drilling and installing the proposed steel H-piles. The contractor may need to field adjust the proposed pile locations to avoid conflict with existing retaining wall piles. The spacing between two adjacent piles, in any direction within the pile group, shall not be greater than 8'-0" and shall not be less than 3'-0". If field adjustment is required, the Contractor shall submit a revised foundation layout plan depicting the location of all piles to the Engineer for approval prior to constructing the proposed foundations.
- It is anticipated that existing Ramp NE approach wall foundation conflicts with installation of drilled shafts at Pier 5. The Contractor shall provide necessary equipment, labor and materials as required to construct proposed the proposed drilled shafts. This work shall be completed in accordance with the Special Provision Foundation Construction at Existing Obstructions.
- See sheet S-11 for Braced Excavation details at Pier 1, 2, 3 & 5.

LEGEND:

Telephone	— T —
Water Line	— W —
Gas Line	— G —
Fire Hydrant	⊙
Light Pole	⊗
Combined Sewer	←←←←←
Electric	— E —
Fiber Optic	— FO —
Storm Sewer	▷▷▷▷▷



USER NAME = floresg	DESIGNED - ATB	REVISED
PLOT SCALE = N.T.S.	CHECKED - DD	REVISED
PLOT DATE = 5/7/2014	DRAWN - MRK	REVISED
	CHECKED - ATB	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUBSTRUCTURE LAYOUT I
STRUCTURE NO. 016-1705**

SHEET NO. S-8 OF S-165 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	324
CONTRACT NO.			60W28	
ILLINOIS FED. AID PROJECT				

0161705-60W28-S008-SubStruct.dgn