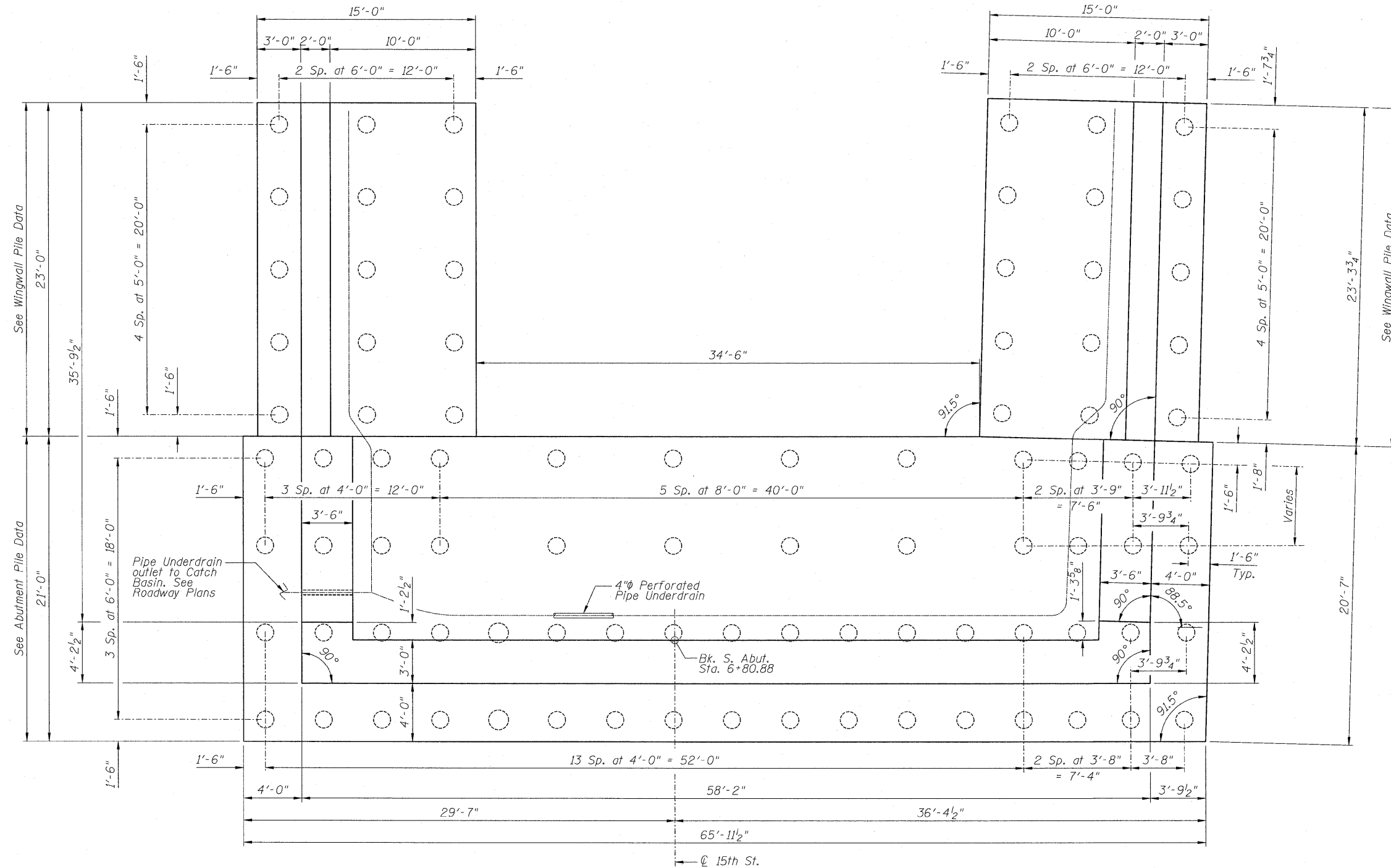


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



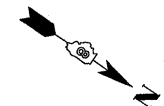
ABUTMENT PILE DATA

Type: 14" Metal Shell Pile x .312 Walls
Nominal Required Bearing: 450K
Factored Resistance Available: 225K
Est. Length: 67 ft.
No. Production Piles: 57
No. Test Piles: 1

WINGWALL PILE DATA

Type: 14" Metal Shell Pile x .312 Walls
Nominal Required Bearing: 300K
Factored Resistance Available: 150K
Est. Length: 42 ft.
No. Production Piles: 30
No. Test Piles: 0

SOUTH ABUTMENT PILE LAYOUT



ZROKA engineering
Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

DESIGNED	LAS
CHECKED	JLA
DRAWN	SAW
CHECKED	LAS

3-31-2010

SOUTH ABUTMENT PILE LAYOUT
STRUCTURE NO. 082-0377

SHEET NO. 26 44 SHEETS	F.A.I. RTE. 64	SECTION 82-1-2HB	COUNTY ST. CLAIR	TOTAL SHEETS 345	SHEET NO. 233
	CONTRACT NO. 76C49			ILLINOIS FED. AID PROJECT	

REVISION 4/15/2010