



LEGEND

- ⊕ Soil Borings
- Proposed Storm Sewer
- G— Existing Gas Line
- A— Existing Ariel Lines
- Proposed Pipe Underdrain
- W— Proposed Water Main

CURVE DATA

@ IL Rte 31
 Δ = 45° 06' 40" (RT)
 D = 8° 07' 36"
 T = 292.84'
 L = 555.10'
 E = 58.40'
 R = 705.04'
 P.C. = Sta. 119+58.42
 P.T. = Sta. 125+13.52
 P.I. = Sta. 122+51.26
 S.E. = 4.00%
 S.E. Runoff = 100' (NB)
 S.E. Runoff Sta. 119+25 to 120+25 (NB)

CURVE DATA

@ Ramp B
 Δ = 47° 17' 41" (RT)
 D = 10° 22' 47"
 T = 241.71'
 L = 455.65'
 E = 50.60'
 R = 552.00'
 P.C. = Sta. 4+30.09
 P.T. = Sta. 8+85.74
 P.I. = 6+71.79
 S.E. = 6.00%
 S.E. Runoff = 122' (NB)
 S.E. Runoff Sta. 8+30 to 9+52

PLAN

Notes:
 The foundation, posts & noise wall panels shall be designed to accommodate the ultimate or maximum Noise Wall height and earth retention conditions.
 The foundation is to be designed by the Contractor. The foundation is not to be placed within 1'-0" of any pipes or utilities.
 The Contractor shall verify any obstruction to pipes and utilities prior to construction of foundation.
 Offsets are measured to the back face of wall.
 F.F. = Front Face
 B.F. = Back Face

GENERAL PLAN & ELEVATION II
CONCRETE NOISE ABATEMENT WALL
IL RTE. 31 & NB EXIT RAMP (RAMP B); O.R. 0003
SECTION 18A-2, McHENRY COUNTY
IL RTE. 31 STA. 111+62 TO STA. 124+58.29

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DRAWN	-	D. ATKINS
DESIGNED	-	M. LANGE
CHECKED	-	G. HATLESTAD
DATE	-	5/3/2012

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION II
CONCRETE NOISE ABATEMENT WALL
IL RTE 31 & NB EXIT RAMP (RAMP B)
 SHEET NO. WN 2 OF WN5 SHEETS

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHEMRY	825	666
CONTRACT NO. 60F72			ILLINOIS FED. AID PROJECT	