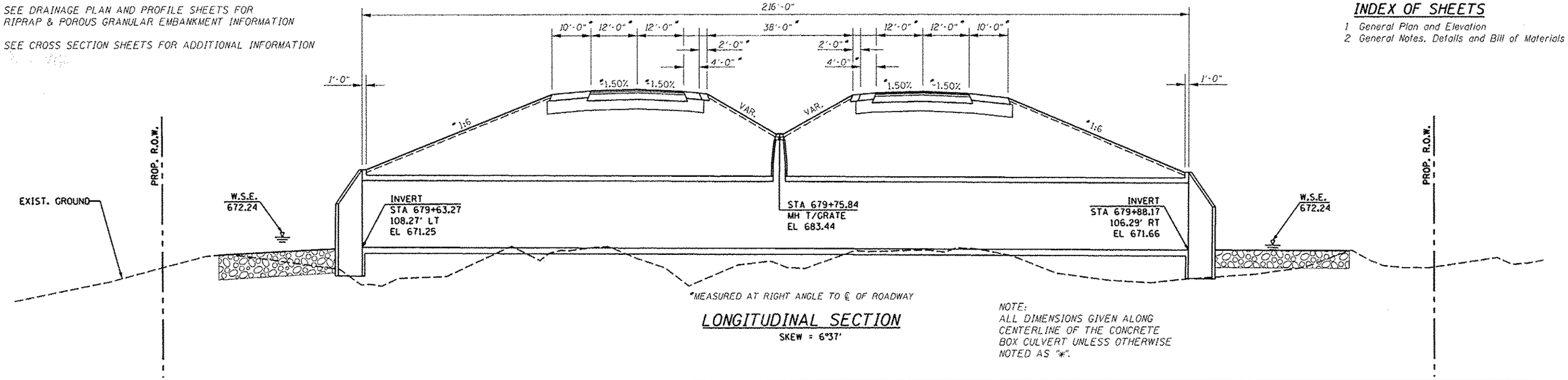
SEE DRAINAGE PLAN AND PROFILE SHEETS FOR RIPRAP & POROUS GRANULAR EMBANKMENT INFORMATION

SEE CROSS SECTION SHEETS FOR ADDITIONAL INFORMATION

INDEX OF SHEETS

1 General Plan and Elevation
2 General Notes, Details and Bill of Materials

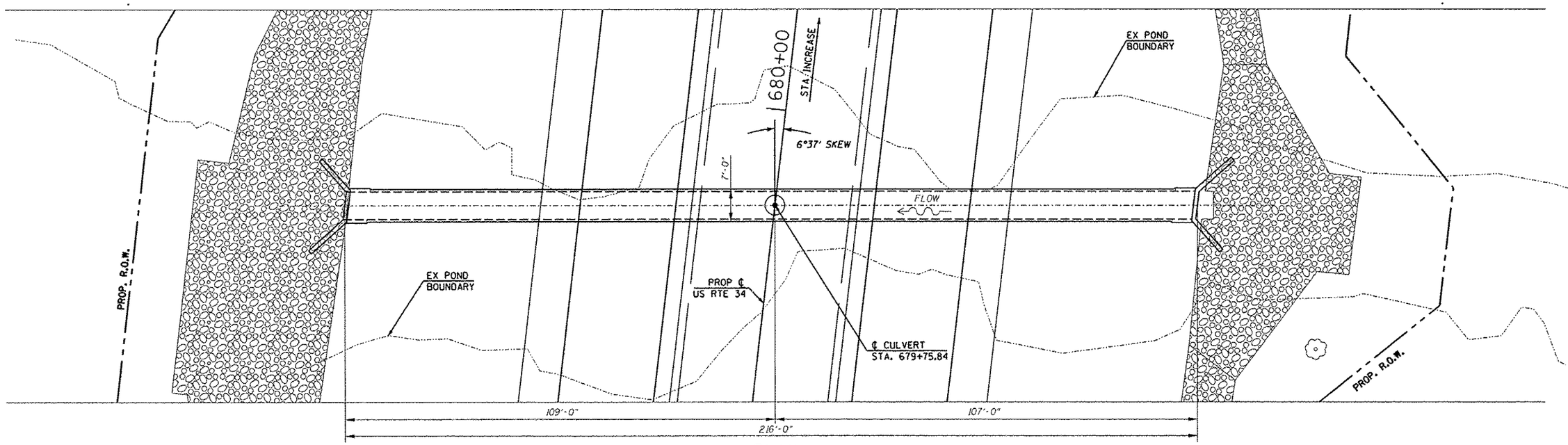


*MEASURED AT RIGHT ANGLE TO ℄ OF ROADWAY

LONGITUDINAL SECTION

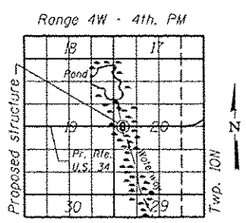
SKEW = 6°37'

NOTE:
ALL DIMENSIONS GIVEN ALONG CENTERLINE OF THE CONCRETE BOX CULVERT UNLESS OTHERWISE NOTED AS "*".

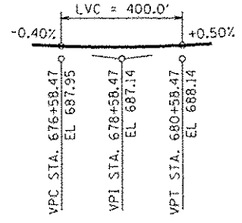


PLAN

N



LOCATION SKETCH



PROFILE GRADE

(along ℄ roadway)

DESIGNED	TCD
CHECKED	DSP
DRAWN	ZDL
CHECKED	DSP

TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THIS CULVERT DESIGN IS STRUCTURALLY ADEQUATE FOR THE DESIGN LOADING SHOW ON THE PLANS. THE DESIGN IS AN ECONOMICAL ONE FOR THE STYLE OF STRUCTURE AND COMPLIES WITH THE REQUIREMENTS OF THE CURRENT "AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES."

D.S.P. 10-17-12

STRUCTURAL ENGINEER — EXPIRES: 11/30/2012

PSBA

LICENSED STRUCTURAL ENGINEER — DAVID S. POLAND 081-005124 — STATE OF ILLINOIS

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 6th EDITION
2012 INTERIM REVISIONS

DESIGN STRESSES

FIELD UNITS

f'_c = 3,500 psi
f_y = 60,000 psi

GENERAL PLAN AND ELEVATION
C.I.P. 7' X 7' BOX CULVERT
F.A.P. RT. 313 - SEC. 7-2 : 6-1
HENDERSON COUNTY
STATION 679+75.84

FILE NAME = D468409-SHT-14-DETAIL-7X7 BOX CULVERT.dgn	USER NAME = danw	DESIGNED - DBS	REVISED -
	PLOT SCALE = 40.0000 ' / in.	DRAWN - PSBA	REVISED -
	PLOT DATE = 10/16/2012	CHECKED - CSB	REVISED -
		DATE - 10/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS
CAST IN PLACE 7' X 7' BOX CULVERT

SCALE: NTS | SHEET 14 OF 21 SHEETS | STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313	7-2 : 6-1	HENDERSON	976	535
		CONTRACT NO. 68409		
	ILLINOIS	FED. AID PROJECT		