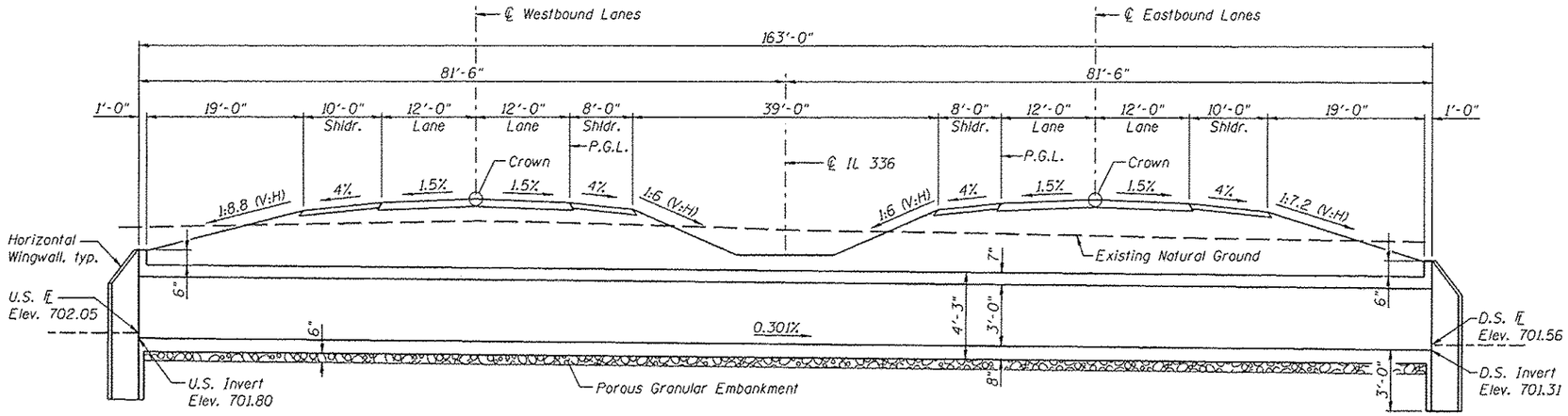
Benchmark: Railroad Spike in power pole on 1500 N Rd., Sta. 6025+15, 24' Rt., Elev. 714.88.

Existing Structure: None

INDEX OF SHEETS

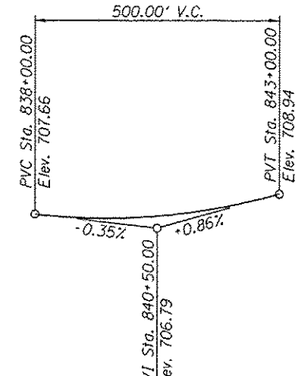
TOTAL BILL OF MATERIAL

Item	Unit	Total
Porous Granular Embankment	Cu. Yd.	114
Reinforcement Bars	Pound	13,030
Concrete Box Culvert	Cu. Yd.	74.7



LONGITUDINAL SECTION

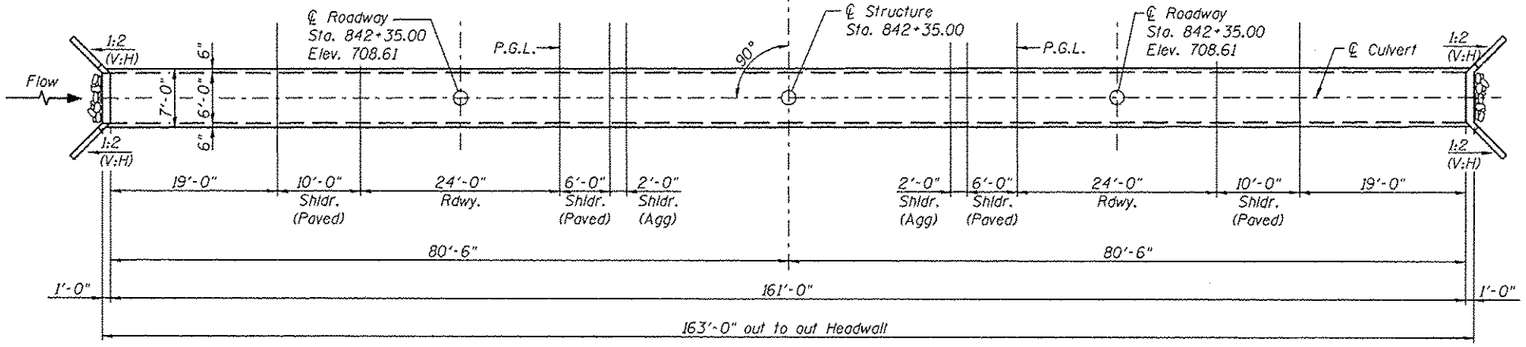
(Looking East)



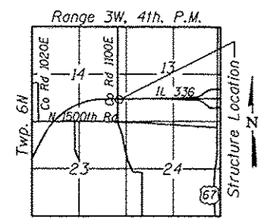
PROFILE GRADE

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	U.S. Invert	D.S. Invert
	698.80	698.31



PLAN



LOCATION SKETCH

GENERAL NOTES

Backfill within the limits of the paved surface to the top of culvert elevation shall be performed using Porous Granular Embankment.
See Roadway plans for layout of riprap and riprap quantities.
See Roadway plans for limits of Porous Granular Embankment.
Precast alternate is not allowed.

DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications, 6th Edition

LOADING HL-93

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

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

LICENSED STRUCTURAL ENGINEER * STATE OF ILLINOIS * MICHAEL T. HALEY 81-5991 CHATHAM

Michael T. Haley 11-28-12

Michael T. Haley — Date
Licensed Structural Engineer
State of Illinois No. 81-5991
Expires 11/30/2014

GENERAL PLAN & ELEVATION
ILLINOIS ROUTE 336
OVER DRAINAGE DITCH
F.A.P. RTE. 407 - SEC. (55-3)A
MCDONOUGH COUNTY
STA. 842+35.00

LIN ENGINEERING, LTD. Consulting Engineers, Springfield, Illinois

USER NAME =	DESIGNED - PSS	REVISED -	
FILE NAME =	CHECKED - TBP	REVISED -	
PLOT SCALE =	DRAWN - AJF	REVISED -	
PLOT DATE =	CHECKED - MTH	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	(55-3)A	MCDONOUGH	67	279
		CONTRACT NO. 68A42		
	ILLINOIS	FED. AID PROJECT - D-94-036-11		