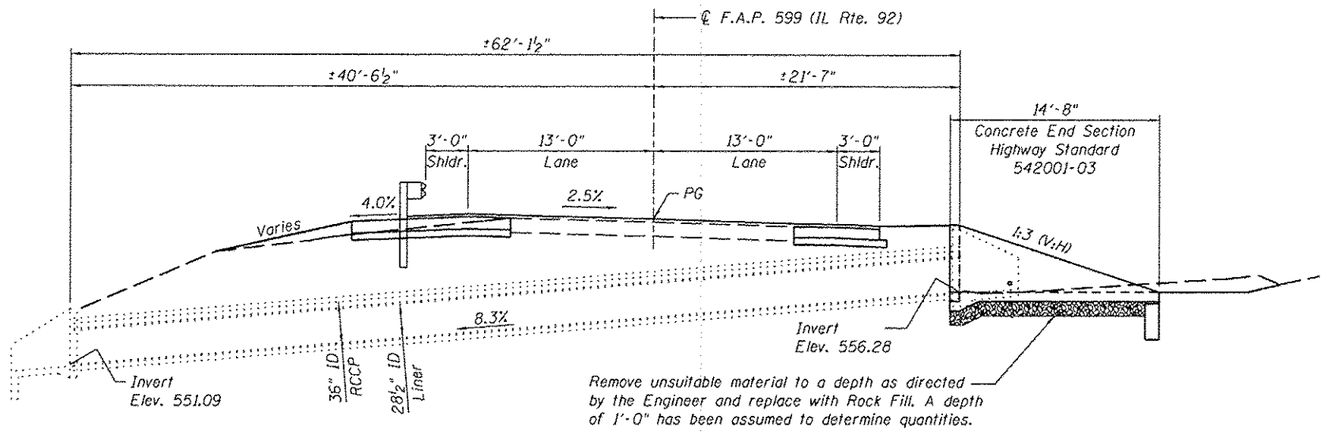
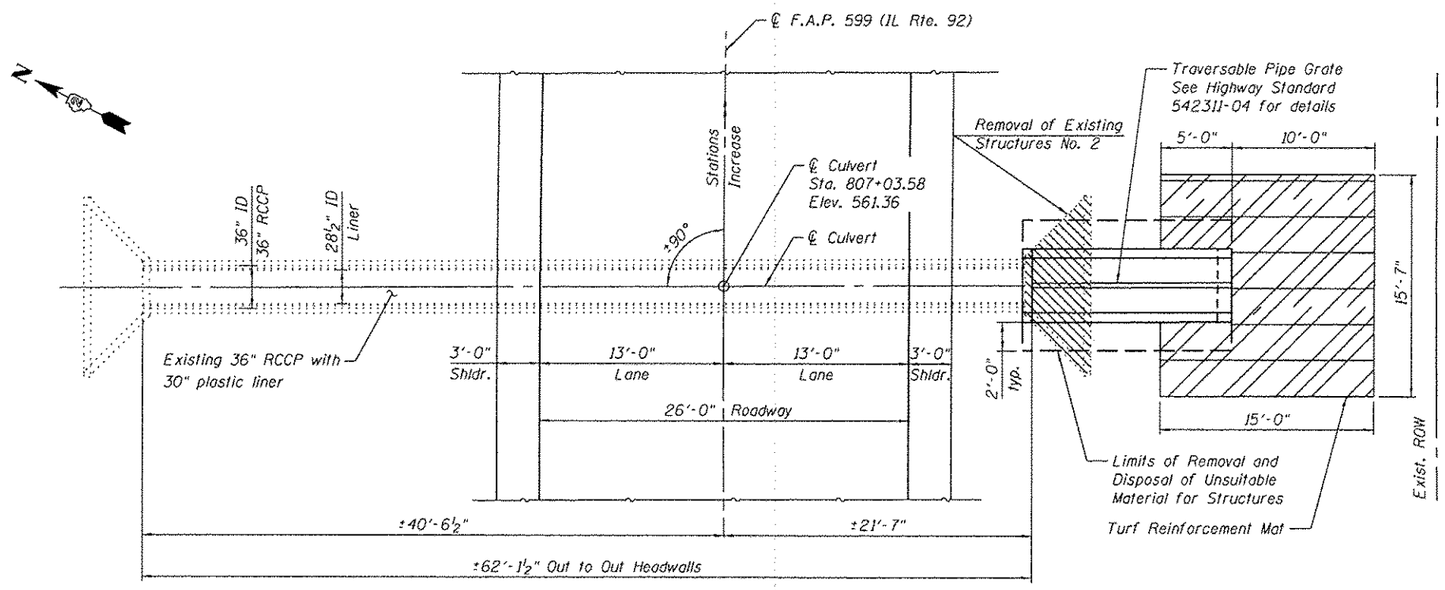
Existing Structure: Existing culvert is a 36" ϕ reinforced concrete culvert pipe with 30" ϕ plastic liner pipe with 28½" ϕ inside diameter. The exisitng culvert is approximately 62'-1" out to out headwalls. The end sections are reinforced concrete end sections that consist of headwall, wingwalls and apron. The upstream end of the existing culvert will be extended with a concrete end section. One lane of traffic to be maintained at all times utilizing staged construction.

No salvage.



LONGITUDINAL SECTION



PLAN

GENERAL NOTES

1. Plan dimensions and details have been taken from existing plans or survey/field checks. As such, these dimensions and details are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Turf Reinforcement Mat	Sq. Yd.	23
Removal of Existing Structures No. 2	Each	1
Removal And Disposal Of Unsuitable Material For Structures	Cu. Yd.	6
Traversable Pipe Grate	Foot	12.8
Concrete End Section, Standard 542001, 36", 1:3	Each	1
Rock Fill	Ton	10

DESIGN SPECIFICATIONS

2002 AASHTO Bridge Design Specifications

DESIGN STRESSES

FIELD UNITS

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

LICENSED STRUCTURAL ENGINEER
DAVID L. SMOOT
081 - 005861
ST. CHARLES
ILLINOIS
STATE OF ILLINOIS

David L. Smoot
Signature
Date: March 13, 2013
License Expires 11/30/2014

GENERAL PLAN & ELEVATION
ILLINOIS ROUTE 92
F.A.P. RTE 599 - SEC. (83 MFT & 103MFT)W
ROCK ISLAND COUNTY
STATION 807+03.58

FILE NAME = W:\Projects\2818\182128 PTB 157-29\cadd\Structural\Dgn\WD #3 IL 92 Culverts\Station807+03.58\Final Submittal 13\8328\807+03.58-64H11-081-GPE.dgn

WILLS BURKE KELSEY ASSOCIATES LTD. 116 West Main Street, Suite 201 St. Charles, Illinois 60174	USER NAME = nparris	DESIGNED - HLF	REVISED -
		CHECKED - DLS	REVISED -
	PLOT SCALE =	DRAWN - HLF	REVISED -
	PLOT DATE = 3/21/2013	CHECKED - DLS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STA. 807+03.58
SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	(83MFT & 103MFT)W	ROCK ISLAND	340	133
		CONTRACT NO. 64H11		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		