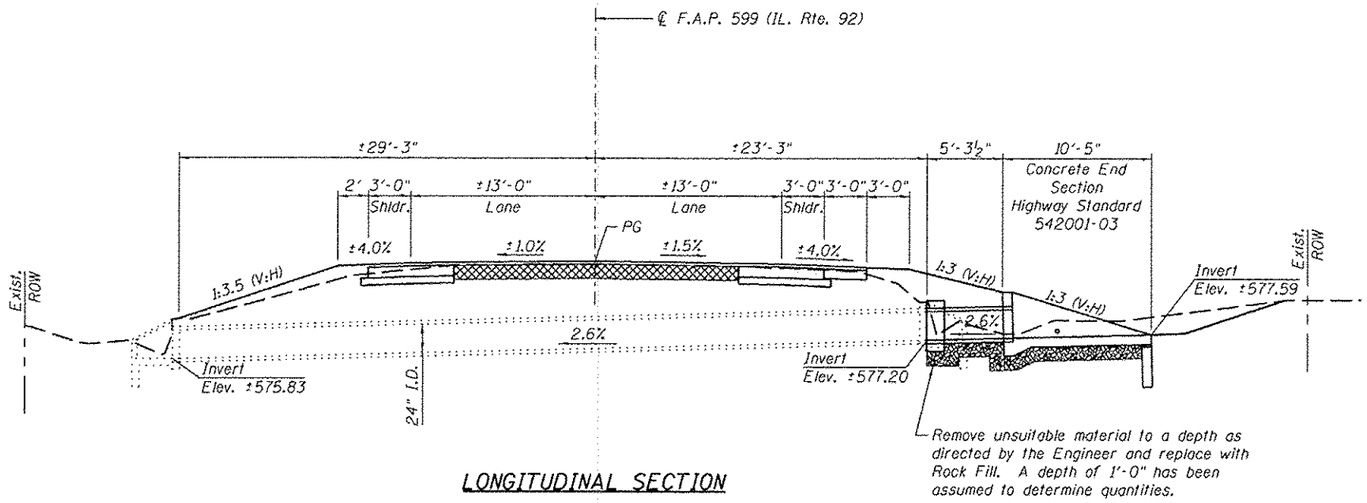
Existing Structure:
Existing culvert is a 24" RC pipe. The exisitng culvert is approximately 53'-0" out to out headwalls. The end sections are reinforced concrete end sections that consist of headwall, wingwalls and apron. The upstream end of the existing culvert will be extended with a concrete end section. One lane of traffic to be maintained at all times utilizing staged construction.

No salvage.

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.

2. All construction joints shall be bonded.



LONGITUDINAL SECTION

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Turf Reinforcement Mat	Sq. Yd.	21
Removal of Existing Structures No. 6	Each	1
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	5
Reinforcement Bars	Pound	30
Expansion Bolts ¾ Inch	Each	12
Concrete Collar	Cu. Yd.	0.3
Pipe Culverts, Class A, Type 1 24"	Foot	6
Concrete End Section, Standard 542001, 24", 1:3	Each	1
Rock Fill	Ton	9

DESIGN SPECIFICATIONS

2002 AASHTO Bridge Design Specifications

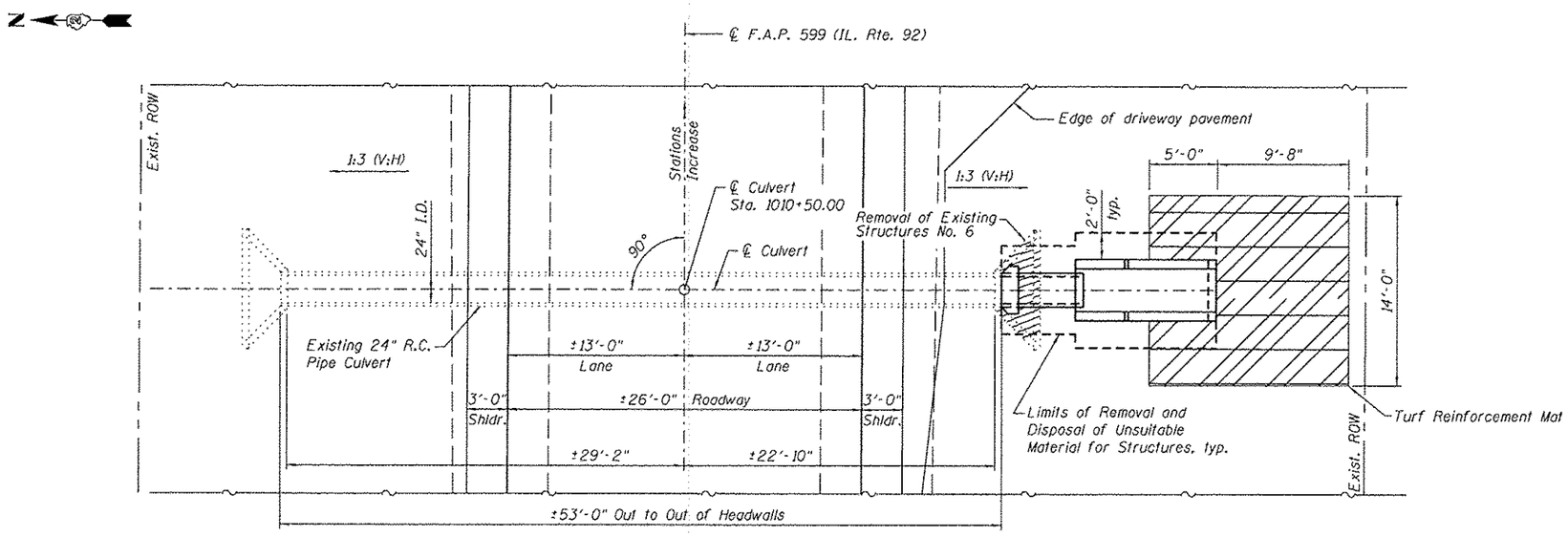
DESIGN STRESSES

FIELD UNITS

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

INDEX OF SHEETS

1. General Plan & Elevation
2. Concrete Collar Details



PLAN

STATE OF ILLINOIS
ANDREW E. UNDERWAGER
081-006218
CHICAGO, IL
LICENSED STRUCTURAL ENGINEER

Signature: Andrew E. Underwager
Date 3-13-2013
License Expires: 11-30-2014

GENERAL PLAN & ELEVATION
ILLINOIS ROUTE 92
F.A.P. RTE 599 - SEC. (83MFT & 103MFT)W
ROCK ISLAND COUNTY
STATION 1010+50.00

WILLS BURKE KELSEY ASSOCIATES LTD. 116 West Main Street, Suite 201 St. Charles, Illinois 60174	USER NAME = hferstl	DESIGNED - HLF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION STA. 1010+50.00	F.A.P. RTE. 599	SECTION (83MFT & 103MFT)W	COUNTY ROCK ISLAND	TOTAL SHEETS 340 / SHEET NO. 210
		CHECKED - AEU	REVISED -					CONTRACT NO. 64H11	
	PLOT SCALE :	DRAWN - HLF	REVISED -						
	PLOT DATE = 3/20/2013	CHECKED - AEU	REVISED -		SHEET NO. 1 OF 2 SHEETS	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

FILE NAME = W:\Projects\2010\100120 PTB 157\25\cadd\Structural\Dgn\WO #3 IL 92 Culverts\Station1010+50\Final Submittal 13.0320\1010+50.00-64H11-001-GPE.dgn