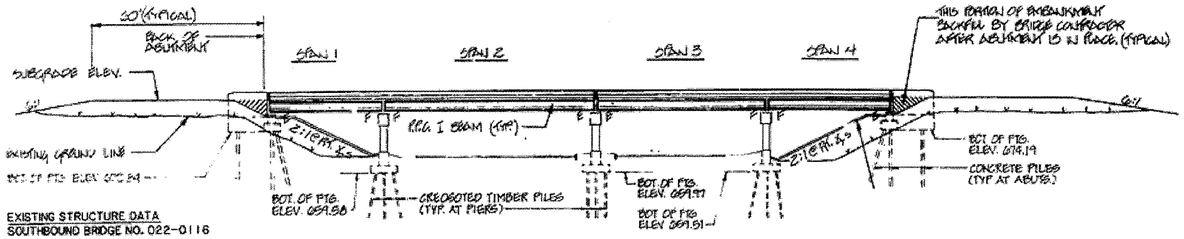
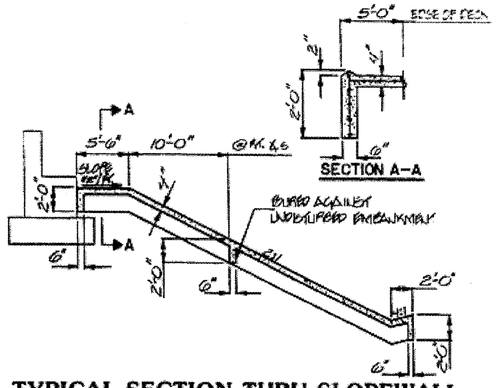


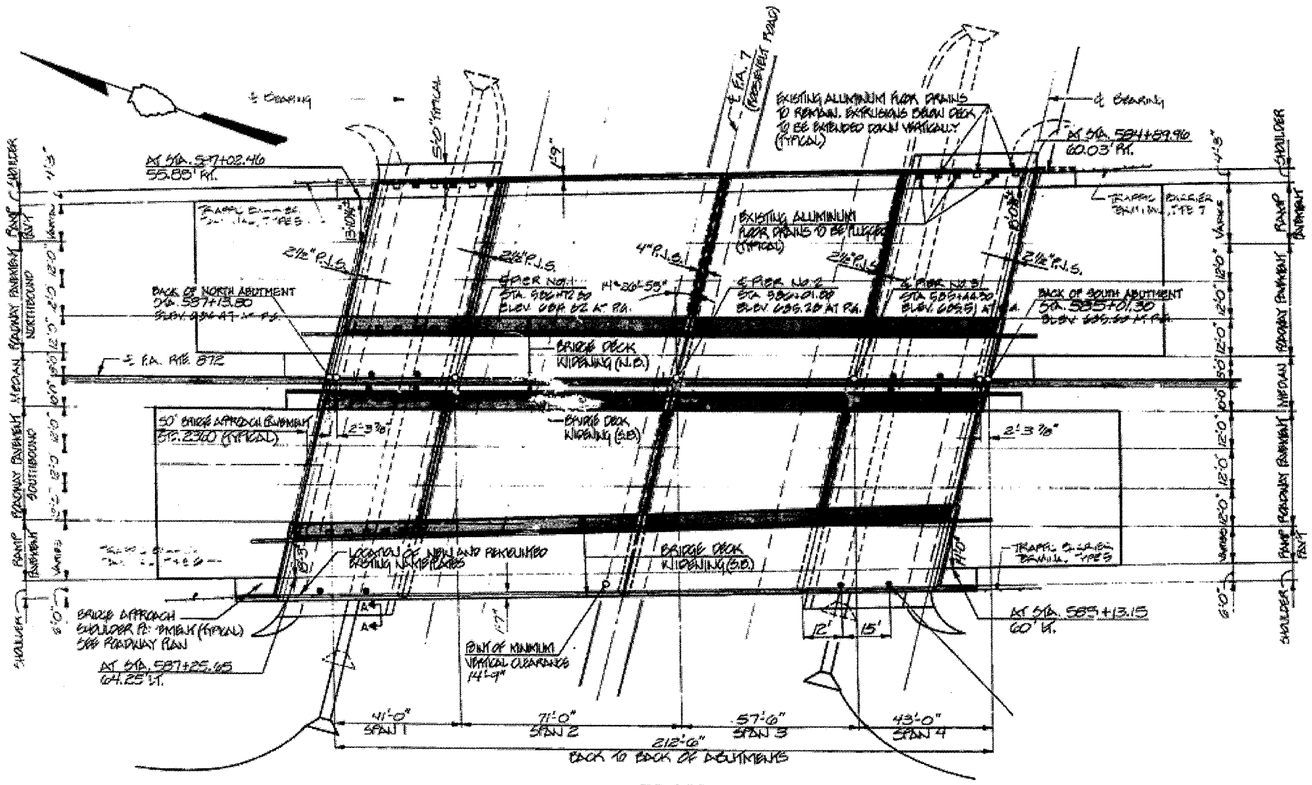
ELEVATION

EXISTING STRUCTURE DATA
SOUTHBOUND BRIDGE NO. 022-0116
NORTHBOUND BRIDGE NO. 022-0115
EACH BRIDGE IS A FOUR SPAN PRECAST PRESTRESSED CONCRETE I-BEAM STRUCTURE WITH REINFORCED CONCRETE DECK AND REINFORCED CONCRETE PIERS WITH TIMBER PILES AND REINFORCED CONCRETE ABUTMENTS ON CONCRETE PILES.
TOTAL STRUCTURE LENGTH 210.13 FEET WITH A NORMAL SKEW ANGLE OF 14 - 26 - 55".

BENCHMARK – T.B.M. "P" ELEVATION 686.34
DESCRIPTION – CHISELED SQUARE CUT ON WINGWALL N.E. CORNER OF ROOSEVELT ROAD BRIDGE ,N.B.



TYPICAL SECTION THRU SLOPEWALL



PLAN

LICENSED STRUCTURAL ENGINEER
DAVID CARL PUZEY
081-005470
SPRINGFIELD ILLINOIS
STATE OF ILLINOIS

5/13/11
Expires 11/30/2012

EXISTING PLAN, ELEVATION & SECTION SHOWN FOR INFORMATION ONLY

TOTAL BILL OF MATERIAL	UNIT	QUANTITY
STRUCTURAL REPAIR OF CONCRETE ≤ 5"	SQFT	1855
STRUCTURAL REPAIR OF CONCRETE > 5"	SQFT	34
TEMPORAY SHORING AND CRIBBING	EACH	35
FIBER WRAP	SQFT	418
ACRYLIC COATING	SQYD	46
SILICONE JOINT SEALER 1-3/4"	FOOT	575
SILICONE JOINT SEALER 2-3/4"	FOOT	150
POLYMER MODIFIED PORTLAND CEMENT MORTAR	SQFT	267

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		DRAWN - TO	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BN	REVISED -
	PLOT DATE = 5/12/2011	DATE - 05-09-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	543 R-HB-BR	DUPAGE	19	4
		CONTRACT NO. 60L52		
	ILLINOIS FED. AID PROJECT			