85348

PLANS FOR PROPOSED FEDERAL -AID BRIDGE REPLACEMENT AND REHABILITATION PROGRAM

C.H. 22 (ELDENA ROAD)
SECTION 03-00284-00-BR
LEE COUNTY
ILLINOIS PROJECT BROS-103(134)

JOB NO. C 92-076-04
CONTRACT NO. 85348

INDEX OF SHEETS

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STANDARDS

280001-02	TEMPORARY ERROSION CONTROL SYSTEMS
515001-02	NAME PLATE FOR BRIDGES
630001-05	STEEL PLATE BEAM GUARD RAIL
630301-03	SHOULDER WIDENING FOR TYPE 1 TRAFFIC BARRIER TERMINALS
631026-02	TRAFFIC BARRIER TERMINAL, TYPE 5 AND 5A
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
702001-05	TRAFFIC CONTROL DEVICES
BLR 21-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
BLR 22-4	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
BLR 23-1	TRAFFIC BARRIER TERMINAL, TYPE 1

ADT : 900

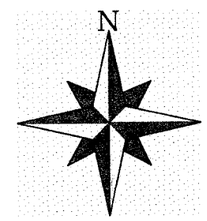
HIGHWAY CLASS : LOCAL ROAD

DESIGN SPEED = 50 mph

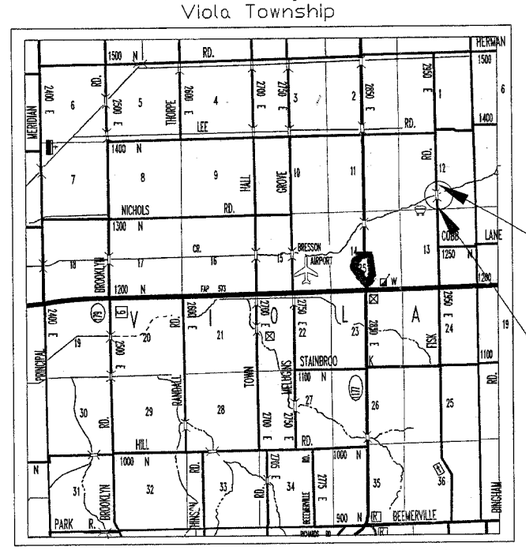
EXISTING STRUCTURE NUMBER : 052-3490

PROPOSED STRUCTURE NUMBER : 052-3491

SCALES
PLAN: 1" = 25'
PROFILE HOR.: 1" = 25'
PROFILE VERT.: 1" = 5'
CROSS SECTIONS 1" = 4'



Lee County
Viola Township



LENGTH OF PROJECT = 600 FEET = 0.114 MILES

SEC 03-00284-00-BR
BEGINS STA. 7+00

PROPOSED STRUCTURE NO. 052-3491
Single span PPC Dk. Bm. Bridge on Concrete pile bent abutments with roadway approaches

SEC 03-00284-00-BR
ENDS STA. 13+00

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	X080-2A
20200100	Earth Excavation	Cu. Yd.	529
20300100	Channel Excavation	Cu. Yd.	40
20400800	Furnished Excavation	Cu. Yd.	512
25000200	Seeding, Class 2	Acre	0.73
25000400	Nitrogen Fertilizer Nutrient	Pound	66
25000500	Phosphorous Fertilizer Nutrient	Pound	66
25000600	Potassium Fertilizer Nutrient	Pound	66
25100115	Mulch, Method 2	Acre	0.73
35101400	Agg. Base. Cse., Type B	Ton	1026
40500100	Bituminous Matls Pr Ct	Gallon	728
40500300	Bituminous Mixture Complete	Ton	240
44000100	Pavement Removal	Sq Yd	1345
48101200	Aggregate Shoulders, Type B	Ton	290
50100100	Removal of Existing Structure	Each	1
50300225	Concrete Structures	Cu. Yd.	20.6
50400505	PPC Deck Beams, 27" Dp.	Sq. Ft.	1540
50500405	Furn and Erec Struct Steel	Pound	3304
50700305	Hardware	Pound	327
50800105	Reinforcement Bars	Pound	1776
50901005	Steel Railing Type SM	Foot	110
51201000	Furnish Metal PileShells, 12"	Foot	225
51202600	Driving and Filling Shells	Foot	225
51204200	Test Pile, Concrete	Each	1
X5121800	Perm Steel Sht Piling	Sq Ft	4073
51500100	Name Plates	Each	1
63000000	Steel Plate Beam Guard Rail, Type A	Foot	475
63100075	Traffic Barrier Terminal, Type 5A	Each	4
63100167	Traffic Barrier Terminal, Type 1 Special (Tangent)	Each	4
78201000	Terminal Marker Direct Applied	Each	4
Z0013825	Controled Low Strength Material	Cu. Yd.	40

THESE PLANS WERE PREPARED BY ME OR A FULL-TIME MEMBER OF MY STAFF WORKING UNDER MY PERSONAL SUPERVISION.

P.E. Russell L. Renner
RUSSELL L. RENNER P.E., S.E.

DATE: 1/10/05

LICENSE EXPIRES 11/30/05

RUSSELL L. RENNER
062-048813
REGISTERED
PROFESSIONAL
ENGINEER
STATE OF ILLINOIS

APPROVED JANUARY 10, 20 05
Russell L. Renner
COUNTY ENGINEER

PASSED JANUARY 19, 20 05
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

APPROVED January 19, 20 05
DISTRICT ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION