

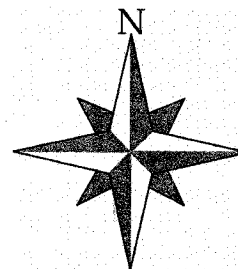
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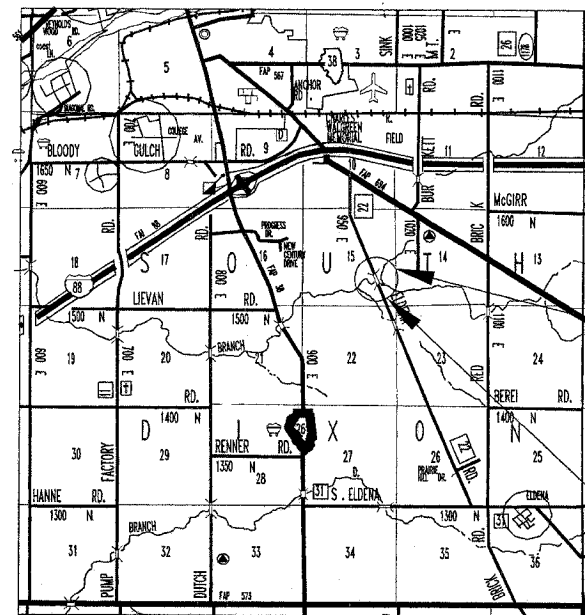
PLANS FOR PROPOSED FEDERAL -AID BRIDGE REPLACEMENT AND REHABILITATION PROGRAM

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



Lee County
South Dixon Township



LENGTH OF PROJECT = 600 FEET = 0.114 MILES

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	260
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
Δ 50700305	Hardware	Pound	630
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
X5121000	Perm Steel Sht Piling	Sq Ft	4073
51500100	Name Plates	Each	1
* 58100200	Waterproofing Membrane System	Sq Yd	177
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	Controlled Low Strength Material	Cu. Yd.	40

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

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

* Revised 2/23/05

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: 2/16/05

LICENSE EXPIRES 11/30/05



SCALES

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

APPROVED	<u>FEBRUARY 16,</u>	20 <u>05</u>
	<u>Russell L. Renner</u>	
	COUNTY ENGINEER	
PASSED	<u>FEB 18 2005</u>	20
	<u>Julie H.</u>	
	DISTRICT ENGINEER OF LOCAL ROADS AND STREETS	
APPROVED	<u>FEB 18 2005</u>	20
	<u>Barry L. Mowbray</u>	
	DISTRICT ENGINEER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	