

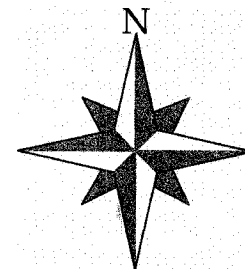
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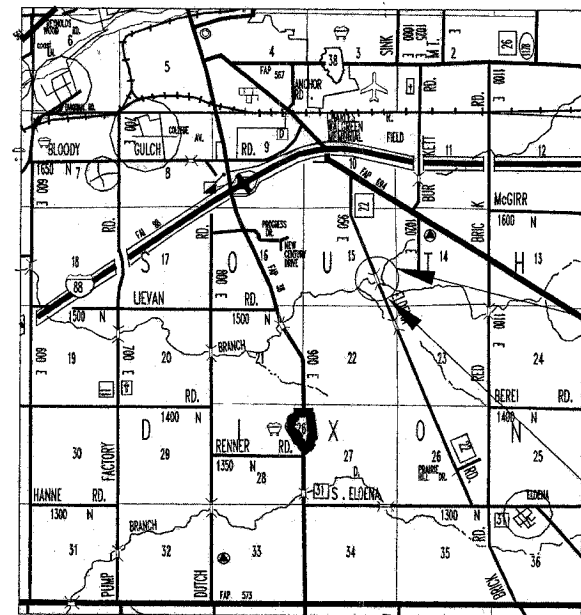
PLANS FOR PROPOSED FEDERAL -AID BRIDGE REPLACEMENT AND REHABILITATION PROGRAM

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 |
| 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 |
| 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 EROSION 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

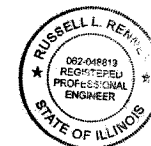
* Revised 2/23/05

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 | <i>February 16, 2005</i> | 20 | 05 |
| <i>Russell L. Renner</i> COUNTY ENGINEER | | | |
| PASSED | FEB 18 2005 | 20 | |
| <i>Jim L. Johnson</i> DISTRICT ENGINEER OF LOCAL ROADS AND STREETS | | | |
| APPROVED | FEB 18 2005 | 20 | |
| <i>Barry L. Mowbray</i> DISTRICT ENGINEER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | | |