

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1067	99-00119-00-BR	JO DAVIESS	9	1
ROAD DET.	LANDS			

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

**PLANS FOR PROPOSED  
FEDERAL BRIDGE PROGRAM**

**FAS 1067 (COUNTY HIGHWAY 6)  
SECTION 99-00119-00-BR  
JO DAVIESS COUNTY  
PROJ. NO. BRS-1067(102)  
C-92-097-00  
CONTRACT # 85402**

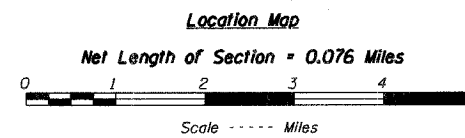
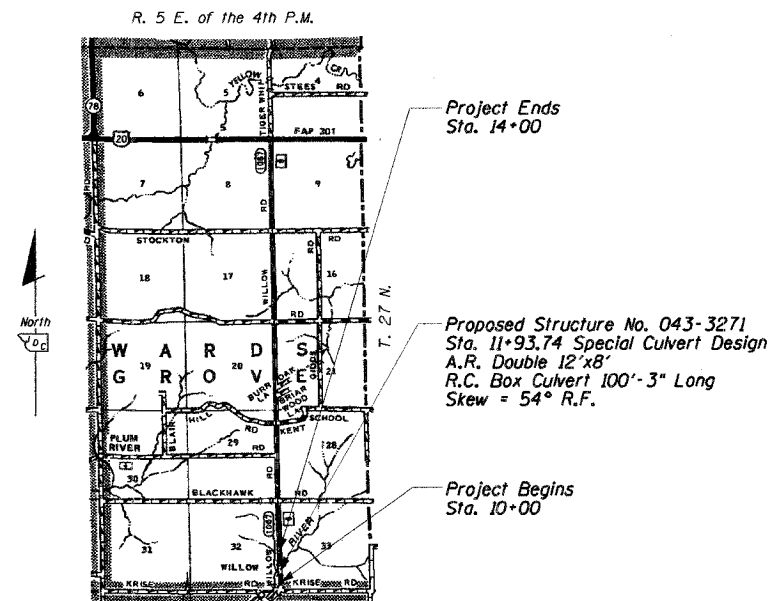
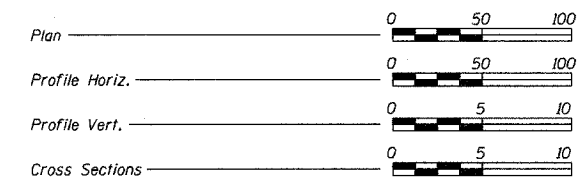
Index of Sheets

- 1. Cover Sheet
- 2. Summary of Quantities and Typical Cross Sections
- 3. Plan and Profile and Schedule of Quantities
- 4. Erosion Control Plan
- 5.-6. Culvert Plans
- 6.-9. Station Cross Sections

Standards

- 280001-03 Temporary Erosion Control Systems
- 515001-02 Name Plates for Bridges
- 665001-01 Woven Wire Fence
- 702001-06 Traffic Control Devices
- 720011 Metal Posts for Signs, Markers & Delineators
- 728001 Telescoping Steel Sign Support
- 729001 Applications of Types A & B Metal Posts (For Signs & Markers)
- 780001-01 Typical Pavement Markings
- BLR-21-6 Typical Application of Traffic Control Devices for Construction On Rural Local Highways

Scales



Rural Bridge  
Collector  
ADT = 200 (2026); 2% Trucks  
Design Speed = 40 mph



Illinois Professional No. 062-049706  
Expires 11/30/07

Utilities

Electricity:

Commonwealth Edison  
2900 W. Route 20  
P.O. Box 568  
Rockford, IL 61109

Telephone:

Verizon  
302 W. Main Street  
Freeport, IL 61032

Toll Free Joint Utility Locating  
Information for Excavators (J.U.L.I.E.)  
Telephone Number 1-800-892-0123

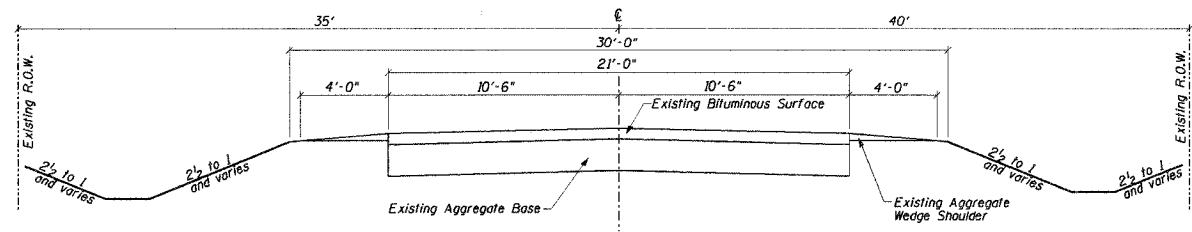
Approved FEB 16 2007  
*Stephen R. Kerber*  
County Engineer

Passed MARCH 1 2007  
*Joseph E. Dwyer*  
District Engineer of Local Roads and Streets

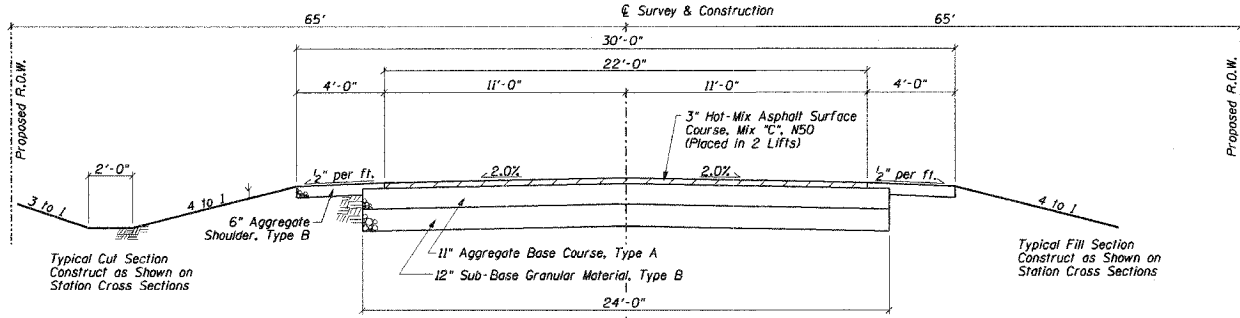
Releasing for Bid Based on Limited Review MARCH 1 2007  
*Joseph E. Dwyer*  
Deputy Director of Highways/Region 2 Engineer

State of Illinois  
Department of Transportation

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ROAD DIST.	ILLINOIS			



Typical Existing Cross Section



Typical Proposed Cross Section

Sta. 10+50 to Sta. 13+50

Transition from existing roadway to proposed roadway to be constructed from Sta. 10+00 to Sta. 10+50 and from Sta. 13+50 to Sta. 14+00

**Pavement Design - FAS 1067**

**Traffic Parameters**  
 Structural Design Traffic (S.D.T.) - Year 2027 - P.V. = 176; S.U. = 18; M.U. = 6  
 Class IV Road  
 Heavy Commercial Vehicles (HCV) = S.U. + M.U. = 24

**Subgrade Parameters**  
 Subgrade Soil Properties (Based on Information from Jo Daviess County Soil Survey)  
 Soil Type - Beavercreek  
 Subgrade Resilient Modulus ERI  
 ERI @ Optimum Moisture Content = 6.0 ksi  
 ERI adjusted for seasonal moisture = < 2.0 ksi (will require subgrade improvement)  
 Immediate Bearing Value (IBV) = 3.72

**Pavement Design**  
 Figure 37-3L from BLR Design Manual - 3" HMA - 11" Aggregate Type A Base

**Subgrade Improvement**  
 Figure 37-7B from BLR Design Manual - 12" Granular Sub-Base for Subgrade Improvement

**Asphalt Mix Requirements**  
 Mixture Use(s) : Surface  
 PG: PG 58-22  
 Design Air Voids: 3.0@N50  
 Mixture Composition (Gradation Mixture) IL9.5 or 12.5  
 Friction Aggregate: C  
 20 Year ESAL: 0.06  
 Density to the satisfaction of the Engineer

**General Notes**

Where Section or Subsection Monuments are encountered, the Engineer shall be notified before such Monuments are removed. The Contractor shall protect and carefully preserve all property marks and monuments until the owner, an authorized surveyor or agent has witnessed or otherwise referenced their location

Removal of the existing pavement (bituminous surface and aggregate base), where necessary to construct the proposed pavement, shall be considered Earth Excavation.

**Seeding, Class 2 (Special)**

The area to be seeded shall consist of all disturbed earth surfaces within the Right of Way, as directed by the Engineer

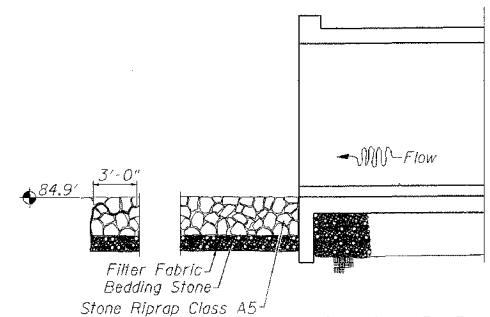
**Application Rates Used in Quantity Calculations**

Sub-Base Granular Material, Type B	120 lb./Cu. Ft.
Aggregate Base Course, Type A	125 lb./Cu. Ft.
Bituminous Materials (Prime Coat)	0.20 Gallons/Sq. Yd.
Hot-Mix Asphalt Surface Course, Mix "C", N50	1.51 Ton/Cu. Yd.
Aggregate Shoulders, Type B	120 lb./Cu. Ft.

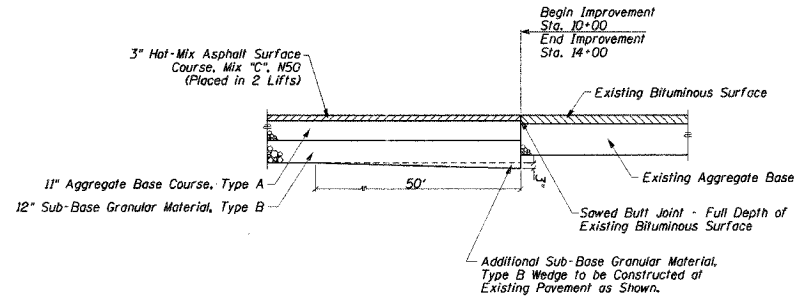
Note: The above application rates for Bituminous Materials (Prime Coat) are for quantity calculations only. The application rate to be applied will be determined by the Engineer at the time of placement.

**Summary of Quantities, Typical Sections, Details, Pavement Design & General Notes**

FAS 1067  
 Section No. 99-00119-BR  
 Jo Daviess County



Section B-B  
 Rip Rap Placement Profile



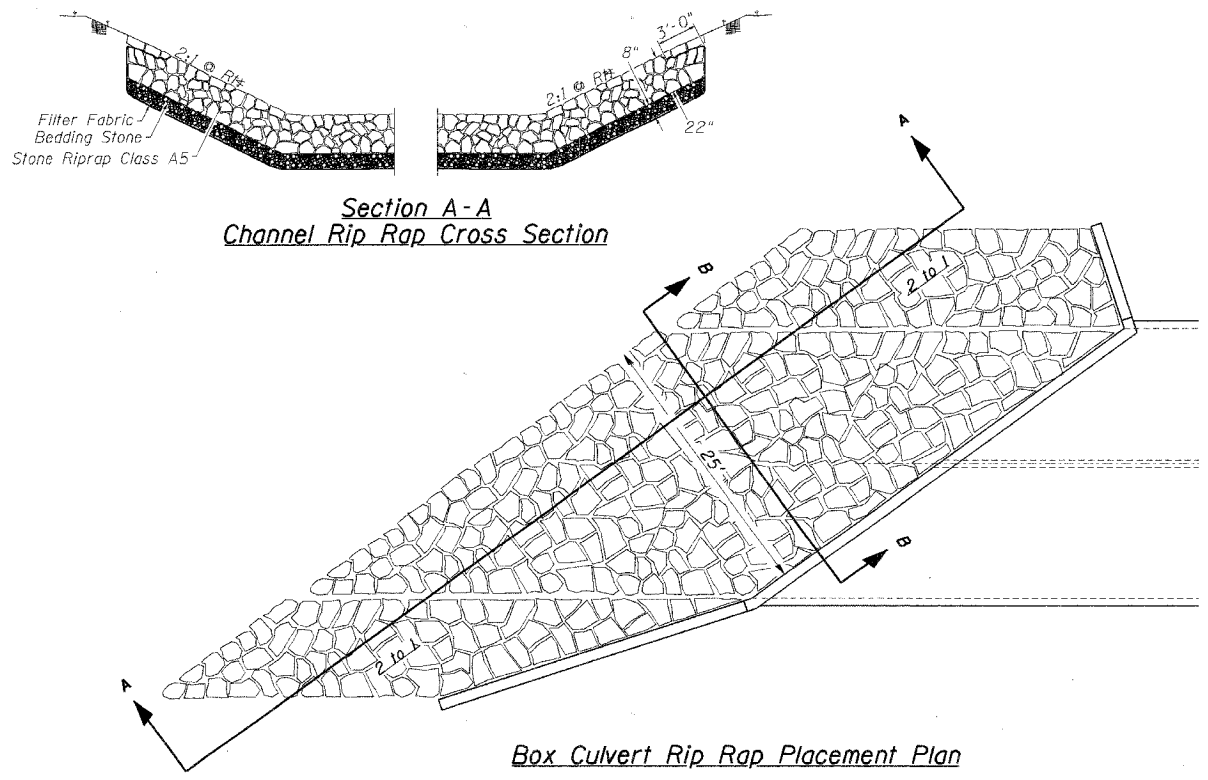
Joint Details

Elevation at Beginning and End of Improvement

**Summary of Quantities**  
 Construction Type Code: X028-2A

Code No.	Item	Unit	Quantity
20200100	Earth Excavation	Cu. Yd.	850
20300100	Channel Excavation	Cu. Yd.	150
20400800	Furnished Excavation	Cu. Yd.	500
20700220	Porous Granular Embankment	Cu. Yd.	257
25001000	Seeding Class 2 (Special)	Acre	0.84
25100630	Erosion Control Blanket	Sq. Yd.	75
28000200	Earth Excavation for Erosion Control	Cu. Yd.	10
28000250	Temporary Erosion Control Seeding	Pound	350
28000300	Temporary Ditch Checks	Each	11
28000900	Fence (Erosion Control)	Foot	1050
28100109	Stone Rip Rap, Class A5	Sq. Yd.	190
28200200	Filter Fabric	Sq. Yd.	190
31101000	Sub-Base Granular Material, Type B	Ton	580
35100100	Aggregate Base Course, Type A	Ton	550
40600100	Bituminous Materials (Prime Coat)	Gallon	200
40603310	Hot-Mix Asphalt Surface Course, Mix "C", N50	Ton	165
48101200	Aggregate Shoulders, Type B	Ton	96
50100100	Removal of Existing Structures	Each	1
50200400	Rock Excavation for Structures	Cu. Yd.	10
50800105	Reinforcement Bars	Pound	51740
51500100	Name Plates	Each	1
51608000	Drilled Shaft in Soil 18"	Cu. Yd.	2.5
51609000	Drilled Shaft in Rock 18"	Cu. Yd.	6.5
54003000	Concrete Box Culverts	Cu. Yd.	270
66503200	Barbed Wire Fence, Five Strand	Foot	405
70101830	Traffic Control and Protection, Standard BLR 21	L. Sum	1
* 78001110	Paint Pavement Marking - Line 4"	Foot	900
67100100	Mobilization	L. Sum	1

\* SPECIALTY ITEMS



Box Culvert Rip Rap Placement Plan

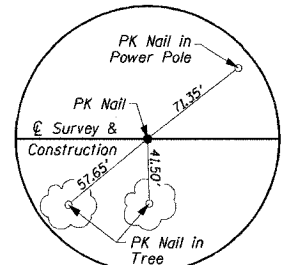
Section A-A  
 Channel Rip Rap Cross Section

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FAS 1067	99-0019-00-BR	JO DAVIESS	9	3
ROAD DIST.	ILLINOIS			

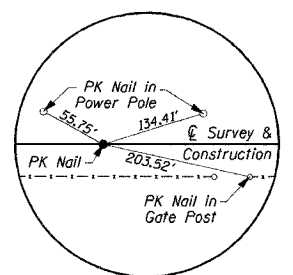
Karl E. and Lori L. Lawfer  
East of Section 32, T. 27 N., R. 5 E. of the 4th P.M.

Schedule of Quantities

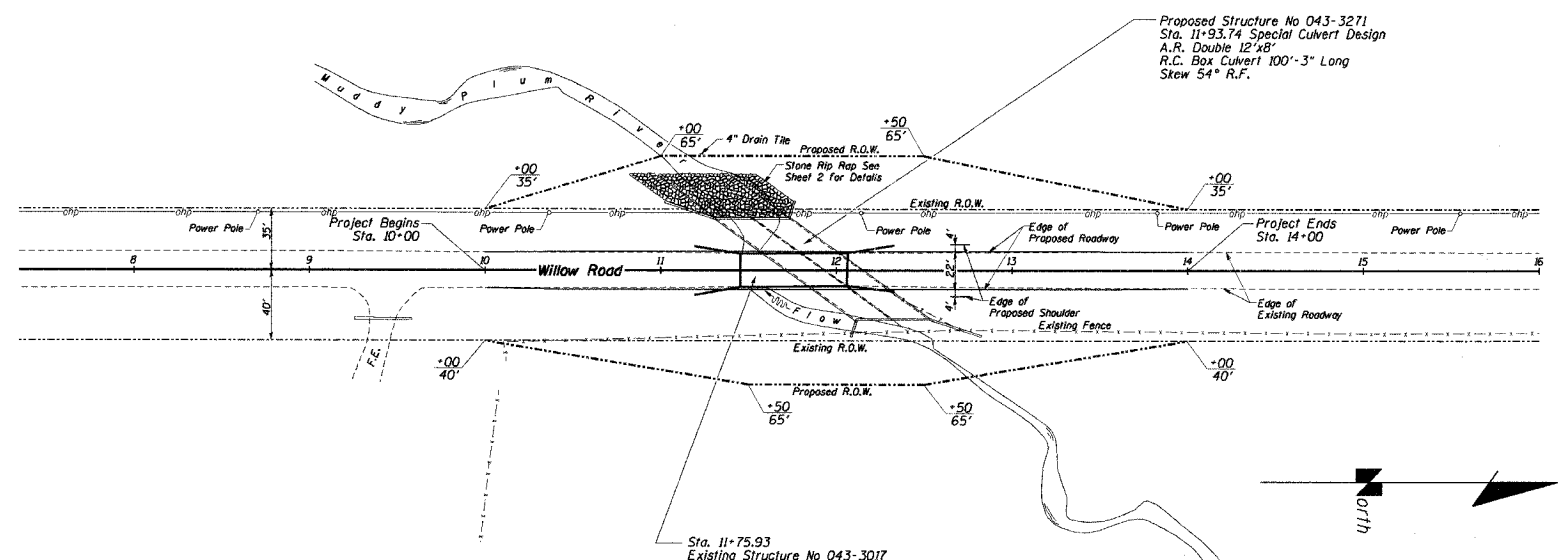
Item	Location	Quantity	Unit
<b>Earth Excavation</b>	Location: Sta. 10+00 - Sta. 14+00	850	Cu. Yd.
<b>Channel Excavation</b>	Location: Sta. 11+93.74 (Culvert)	150	Cu. Yd.
<b>Furnished Excavation</b>	Location: Sta. 10+00 - Sta. 14+00	500	Cu. Yd.
<b>Porous Granular Embankment</b>	Location: Sta. 11+93.74 (Culvert)	257	Cu. Yd.
<b>Seeding Class 2 (Special)</b>	Location: Sta. 10+00 - Sta. 14+00	0.84	Acres
<b>Erosion Control Blanket</b>	See 'Erosion Control Plan' - Sheet 4		
<b>Earth Excavation for Erosion Control</b>	See 'Erosion Control Plan' - Sheet 4		
<b>Temporary Erosion Control Seeding</b>	See 'Erosion Control Plan' - Sheet 4		
<b>Temporary Ditch Checks</b>	See 'Erosion Control Plan' - Sheet 4		
<b>Fence (Erosion Control)</b>	See 'Erosion Control Plan' - Sheet 4		
<b>Stone Rip Rap, Class A5</b>	Location: Sta. 11+93.74 L1. (Culvert Outlet)	190	Sq. Yd.
<b>Filter Fabric</b>	Location: Sta. 11+93.74 L1. (Culvert Outlet)	190	Sq. Yd.
<b>Sub-Base Granular Material, Type B</b>	Location: Sta. 10+00 - Sta. 14+00	580	Ton
<b>Aggregate Base Course, Type A</b>	Location: Sta. 10+00 - Sta. 14+00	550	Ton
<b>Bituminous Materials (Prime Coat)</b>	Location: Sta. 10+00 - Sta. 14+00	200	Gallon
<b>Hot Mix Asphalt Surface Course, Mix C, MSO</b>	Location: Sta. 10+00 - Sta. 14+00	165	Ton
<b>Aggregate Shoulders, Type B</b>	Location: Sta. 10+00 - Sta. 14+00	56	Ton
<b>Removal of Existing Structures</b>	Location: Sta. 11+93.74 (Culvert)	1	Each
<b>Rock Excavation for Structures</b>	Location: Sta. 11+93.74 (Culvert)	10	Cu. Yd.
<b>Reinforcement Bars</b>	Location: Sta. 11+93.74 (Culvert)	51740	Pound
<b>Name Plates</b>	Location: Sta. 11+93.74 (Culvert)	1	Each
<b>Drilled Shaft in Soil</b>	Location: Sta. 11+93.74 (Culvert)	2.5	Cu. Yd.
<b>Drilled Shaft in Rock</b>	Location: Sta. 11+93.74 (Culvert)	6.5	Cu. Yd.
<b>Concrete Box Culverts</b>	Location: Sta. 11+93.74 (Culvert)	270	Cu. Yd.
<b>Barbed Wire Fence, Five Strand</b>	Location: Sta. 10+00 - Sta. 14+00 Rt.	405	Foot
<b>Traffic Control and Protection, Standard BLR 2)</b>	Location: Sta. 10+00 - Sta. 14+00	1	Each
<b>Paint Pavement Marking - Line 4'</b>	Location: Sta. 10+00 - Sta. 14+00 Lt. & Rt.	800	Foot
<b>Yellow Skip Dash (10' in 40')</b>	Location: Sta. 10+00 - Sta. 14+00 E	100	Foot



P.O.T. Sta. 4+56.84 (Ties)



P.O.T. Sta. 16+00.00 (Ties)



Lucas E. and Mary L. Harriss  
West of Section 33, T. 27 N., R. 5 E. of the 4th P.M.

Sta. 11+75.93  
Existing Structure No 043-3017  
Single Span Concrete Deck on Steel Beams with Steel Railing on Closed Concrete Abutments  
59' Face to Face of Abutments  
19'-5" Face to Face Railings  
Skew = 0°

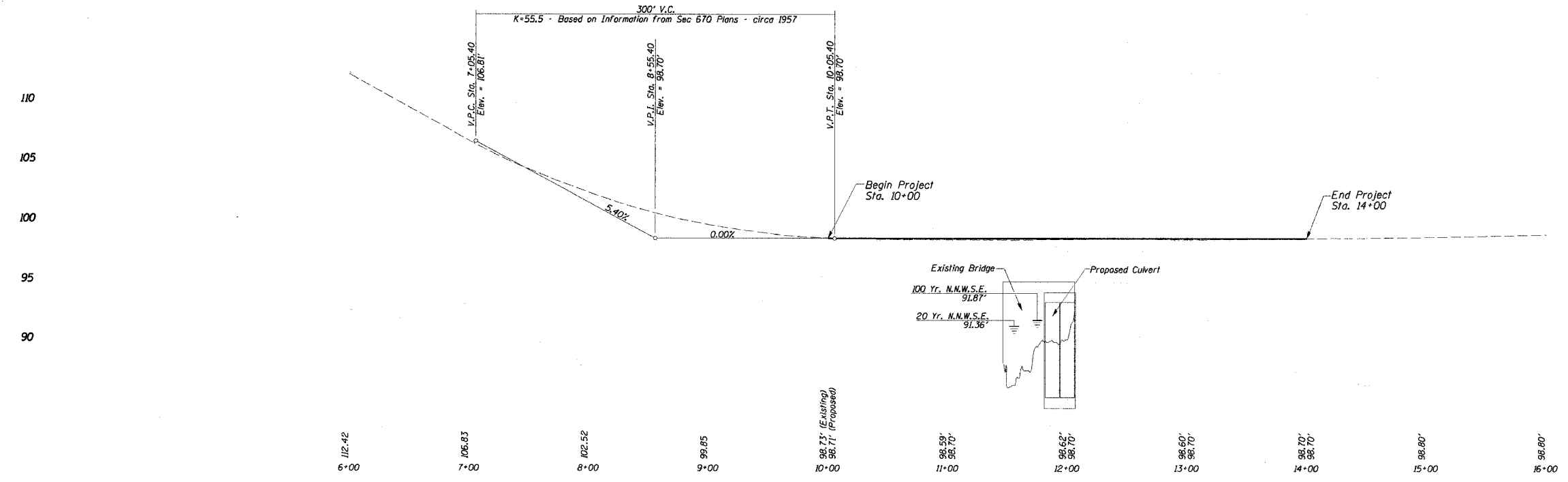
B.M. # 2 - Spike Nail in Power Pole  
34.00' Left, Sta. 6+98.99, Elev. = 103.06'

B.M. # 1 - Chiseled "X" in NE Wingwall  
11.95' Right, Sta. 12+32.64, Elev. = 100.00'

B.M. # 3 - Spike Nail in Power Pole  
34.85' Left, Sta. 15+55.31, Elev. = 98.42'

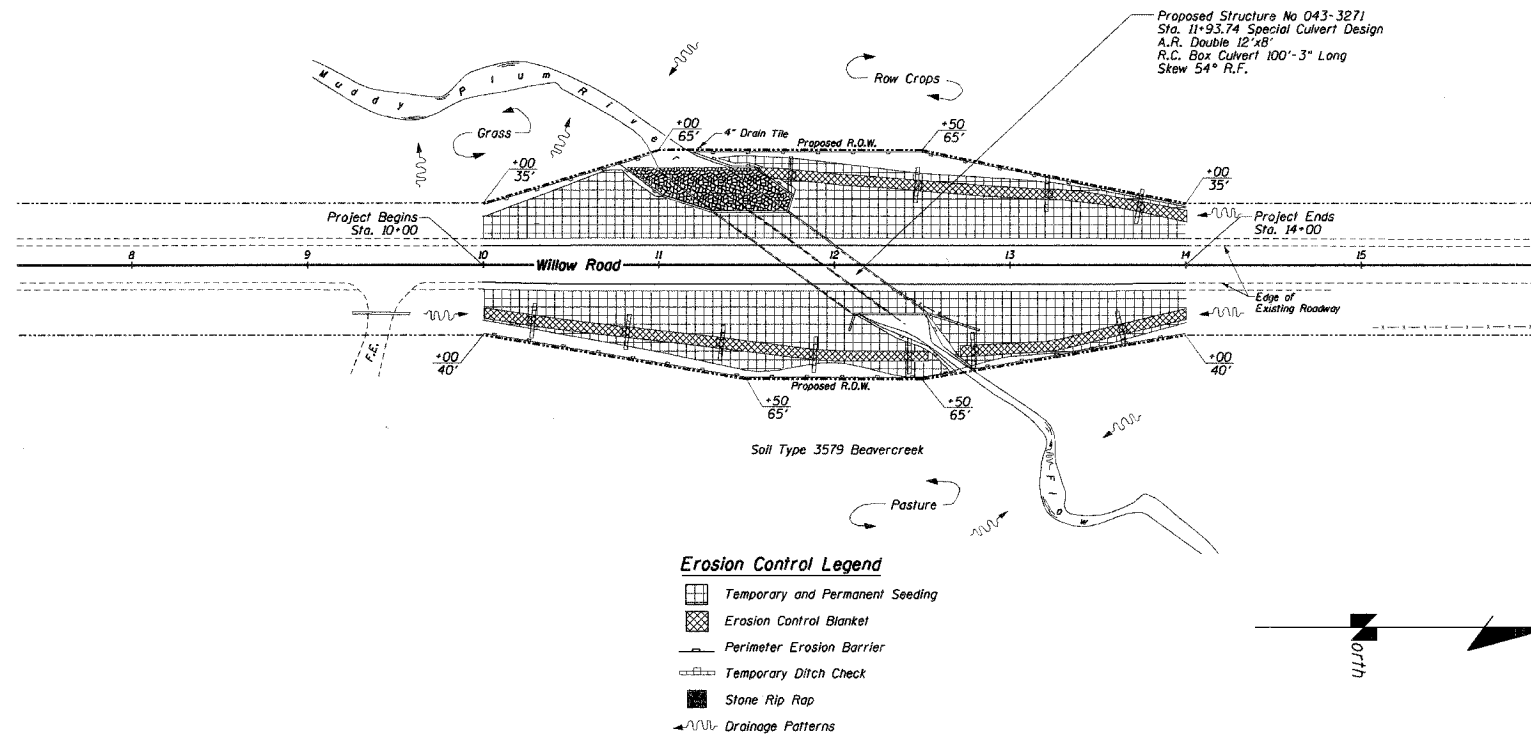
Earthwork Quantities

- Channel Excavation - The channel shall be excavated as shown in the details on sheet 2 and taper back to the existing channel at the R.O.W.
- Channel Excavation - 150 Cu. Yds.
- Earth Excavation - 850 Cu. Yds.
- Embankment (for information only) - 1500 Cu. Yds.
- Structure Excavation (for information only) - 500 Cu. Yds.
- Furnished Excavation = 500 Cu. Yds.
- Notes: Embankment quantity has been adjusted for the volume of the box culvert
- Shrinkage factor of 25% applied for Furnished Excavation calculation



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ROAD DIST.	ILLINOIS			

## Erosion Control Plan

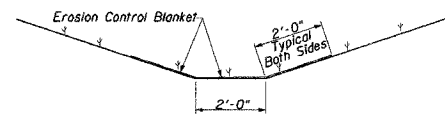


### Erosion Control Legend

- Temporary and Permanent Seeding
- Erosion Control Blanket
- Perimeter Erosion Barrier
- Temporary Ditch Check
- Stone Rip Rap
- Drainage Patterns

### Bill of Materials

Item	Unit	Quantity
Temporary Erosion Control Seeding	Pound	350
Seeding Class 2 (Special)	Acre	0.84
Temporary Ditch Checks	Each	11
Perimeter Erosion Barrier	Feet	1050
Earth Excavation for Erosion Control	Cu. Yd.	10
Erosion Control Blanket	Sq. Yd.	75
Stone Riprap, Class A5	Sq. Yd.	190
Filter Fabric	Sq. Yd.	190



### Erosion Control Blanket Installation Detail

See Standard 280001-03 for Details on Remaining Erosion Control Items

### Description of Stabilization Practices During Construction

1. During construction, areas outside the construction limits as outlined previously herein shall be protected. The contractor shall not use this area for staging (except as described on the plans and directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
  - (a.) Within the construction limits, areas which may be susceptible to erosion as determined by the Engineer shall remain undisturbed until full-scale construction is underway to prevent unnecessary soil erosion.
  - (b.) Earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
  - (c.) As construction proceeds, the contractor shall institute the following as directed by the Engineer:
    - i. Place temporary erosion control facilities at locations shown on the plans.
    - ii. Temporarily seed erodible bare earth on a weekly basis to minimize the amount of erodible surface area within the contract limits.
    - iii. Construct roadside ditches and provide temporary erosion control systems.
    - iv. Temporarily divert water around proposed culvert locations.
    - v. Build necessary embankment at culvert locations and then excavate and place culvert.
    - vi. Continue building up the embankment to the proposed grade while at the same time, placing permanent erosion control such as rip rap ditch lining and conducting final shaping to the slopes.
  - (d.) Excavated areas and embankment shall be permanently seeded immediately after final grading. If not, they shall be temporarily seeded if no construction activity in the area is planned for 7 days.
  - (e.) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or other pollutant in accordance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.
  - (f.) The Resident Engineer shall inspect the project daily during construction activities. Inspection shall also be done weekly and after rains of 1/2 inch or greater or equivalent snowfall and during the winter shutdown period.
  - (g.) Sediment collected during construction of the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance shall be included in the unit bid price for earth excavation for erosion control.
  - (h.) The temporary erosion control systems shall be removed as directed by the engineer after use is no longer needed or no longer functioning. The cost of this removal shall be included in the unit bid price for various temporary erosion control pay items.

### Description of Structural Practices after Final Grading

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established.
2. Once permanent erosion controls as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf re seeded.

### Maintenance after Construction

1. Construction is complete after acceptance by I.D.O.T. final inspection. Maintenance up to this date will be by the contractor.

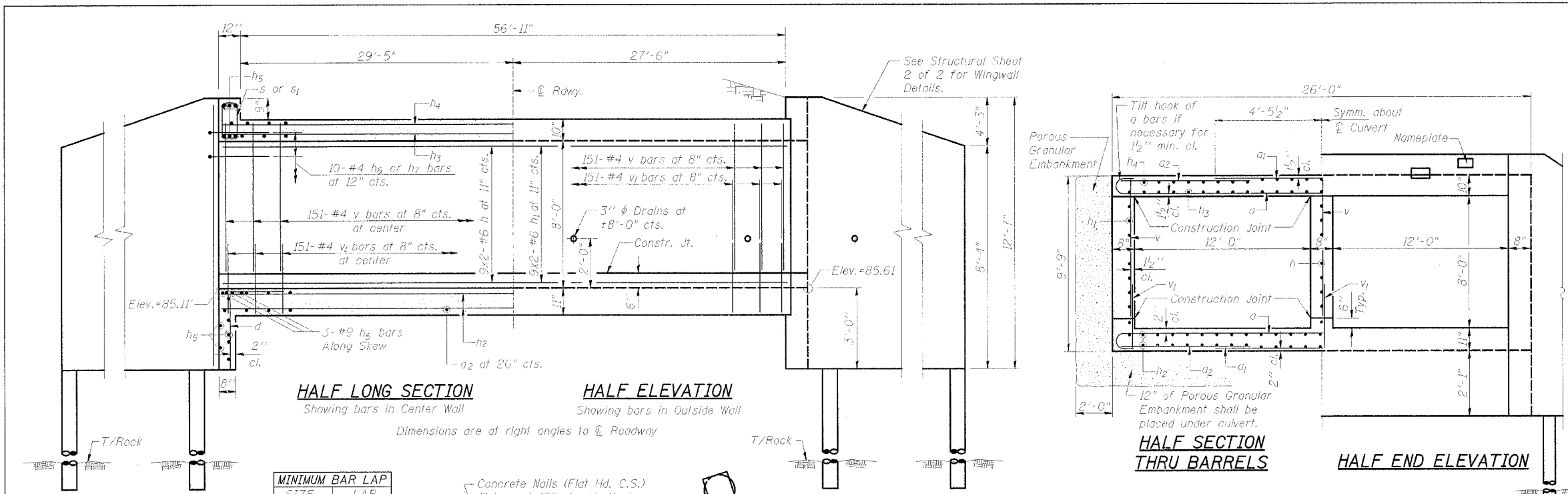
### Miscellaneous

1. Temporary ditch checks shall be located at every 1.5 ft. fall/rise ditch grade.
2. Temporary erosion control seeding shall be applied at a rate of 100 lbs/acres.
3. Temporary ditch checks shall be constructed with products from the Department's approved list or shall be constructed from aggregate with the approval of the Engineer.
4. Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis, as directed by the Engineer. The cost of this maintenance shall be paid for at the contract unit price per cubic yard for earth excavation for erosion control.
5. All erosion control products furnished shall be specifically recommended by the manufacturer for the use specified in the erosion control plan. Prior to the approval and use of the product, the contractor shall submit to the Engineer a notarized certification by the producer stating the intended use of the product and that the physical properties required for this application are met or exceeded. The contractor shall provide manufacturer installation procedures to facilitate the Engineer in the construction inspection.

Notes: All items shall be constructed as shown on standard 280001-03 and as directed by the Engineer. Maintenance and cleaning of the erosion control items shall be included in the respective erosion control pay items.

See proposal booklet for the "Storm Water Pollution Prevention Plan".

DATE	SECTION	COUNTY	DATE	SHEET
10/67	99-0019-00-BR	JO DAVIESS	9	5
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT - F.A.S. 1067	STRUCTURAL SHEET 1 OF 2	



**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a	202	#7	27'-5"	C
a <sub>1</sub>	240	#8	8'-11"	
a <sub>2</sub>	240	#4	9'-9"	
d	50	#4	4'-6"	L
h	18	#6	51'-0"	
h <sub>1</sub>	36	#6	51'-0"	
h <sub>2</sub>	92	#5	50'-10"	
h <sub>3</sub>	54	#5	50'-10"	
h <sub>4</sub>	54	#4	50'-8"	
h <sub>5</sub>	24	#9	43'-8"	
h <sub>6</sub>	20	#4	6'-8"	
h <sub>7</sub>	20	#4	5'-9 1/2"	
h <sub>8</sub>	12	#8	28'-10"	
h <sub>9</sub>	12	#8	8'-7"	
h <sub>10</sub>	24	#5	28'-10"	
h <sub>11</sub>	16	#4	28'-6"	
h <sub>12</sub>	24	#5	8'-7"	
h <sub>13</sub>	16	#4	8'-7"	
s	43	#4	4'-11"	
s <sub>1</sub>	43	#4	4'-9"	
sp	12	#3	11'-1"	W
v	453	#4	8'-0"	
v <sub>1</sub>	453	#4	2'-9"	
v <sub>2</sub>	8	#4	12'-3"	
v <sub>3</sub>	144	#9	11'-1"	
v <sub>4</sub>	36	#5	12'-3"	
v <sub>5</sub>	32	#5	10'-10"	
v <sub>6</sub>	32	#5	9'-5"	
v <sub>7</sub>	12	#5	10'-7"	
v <sub>8</sub>	12	#5	9'-2"	
v <sub>9</sub>	12	#5	7'-9"	
v <sub>10</sub>	12	#5	6'-4"	
v <sub>11</sub>	28	#5	12'-3"	
v <sub>12</sub>	12	#5	10'-7"	
v <sub>13</sub>	12	#5	7'-1"	
v <sub>14</sub>	72	#7	7'-0"	

Concrete Box Culverts Cu. Yds. 270.0  
 Reinforcement Bars Lbs. 51,740  
 Name Plate Each 1  
 Porous Granular Embankment Cu. Yds. 257  
 Drilled Shafts in Soil Cu. Yds. 2.5  
 Drilled Shafts in Rock Cu. Yds. 6.5

\*Length of Spiral = 183'-6"  
 No Allowance for Lap, Minimum Spiral Lap 1/2 Turns.  
 Place 1/2 Extra Turn @ Top & Bottom of Spiral.

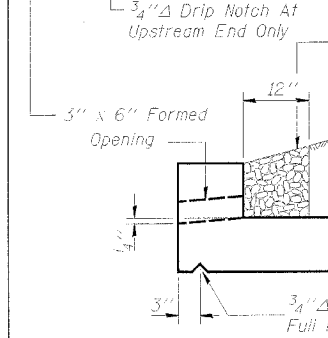
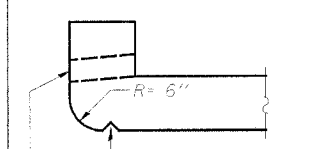
**Notes:**  
 No Precast Allowed.  
 Class SI concrete shall be used throughout.  
 Exposed edges shall be beveled 3/4".  
 For backfill & embankment, See Special Provisions.  
 Reinforcement bars shall conform to the requirements of ASTM A705 Grade 60 (Illinois Modified) See Special Provisions.  
 2x3-#5 bars Indicates Two Lines of bars with Three Lengths Per Line.  
 All Structure Excavation shall be incidental to the cost of "Concrete Box Culverts."  
 \*\* See Structural Sheet 2 of 2 for Details.

**STATION 11+93.74**  
**DOUBLE BARREL 12'-0" x 8'-0" BOX CULVERT**  
**WILLOW ROAD OVER MUDDY PLUM RIVER**  
**SECTION 99-0019-00-BR**  
**JO DAVIESS COUNTY**  
 WHA # 1222D06

**MINIMUM BAR LAP**

SIZE	LAP
#4	1'-4"
#5	1'-8"
#6	2'-0"
#7	3'-5"
#8	4'-6"

**REINFORCEMENT**



**LOADING**

HS20-44

**DESIGN STRESSES**

f<sub>y</sub> = 60,000 p.s.i.  
 f'c = 3,500 p.s.i.

**NAME PLATE LETTERING**  
 REFER TO STA. 515001

**WATERWAY INFORMATION**

DRAINAGE AREA	1.96 Sq. Mi.
DESIGN DISCHARGE (20 YR.)	801 CFS
EXISTING OPENING	79 Sq. Ft.*
REQUIRED OPENING	136.6 Sq. Ft.*
PROPOSED OPENING	136.6 Sq. Ft.*
CREATED HEAD (20 YR.)	< 0.5 Ft.
100 YR. DISCHARGE	1202 CFS
CREATED HEAD (100 YR.)	< 1.0 Ft.
HIGH WATER ELEV. (100 YR.)	91.82 Ft.
* UNDER 20 YR. H.W.E.	

**DESIGN SPECIFICATIONS**

DESIGN IN ACCORDANCE WITH 2002 AASHTO SPECIFICATIONS.

**SHOWING REINFORCEMENT**

**PLAN**

**SHOWING OUTLINES**

Cut a bars to fit skew Use balance of bar in opposite end.



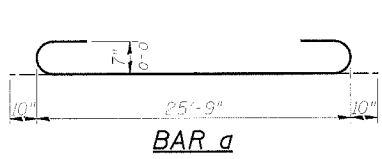
Brian K. Converse

DATE: 2/2/2007

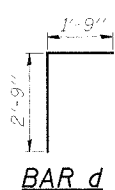
EXPIRES 11/30/08

I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THIS BRIDGE DESIGN IS STRUCTURALLY ADEQUATE FOR THE DESIGN LOADS SHOWN ON THE PLANS. THE DESIGN IS AN ECONOMICAL ONE COMPLIES WITH REQUIREMENTS OF THE CURRENT AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES.

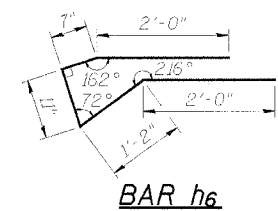
DATE	SECTION	COUNTY	TITLE	SHEET
10/67	99-00119-00-BR	JO DAVIESS	3	6
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT - FAS. 1067	
STRUCTURAL SHEET 2 OF 2				



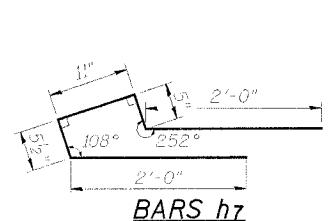
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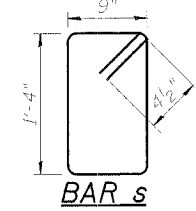
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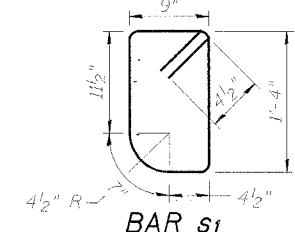
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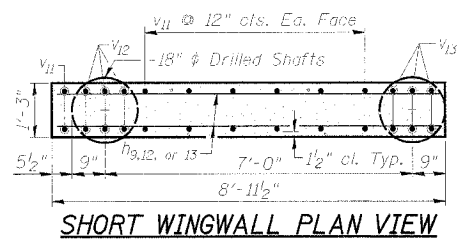
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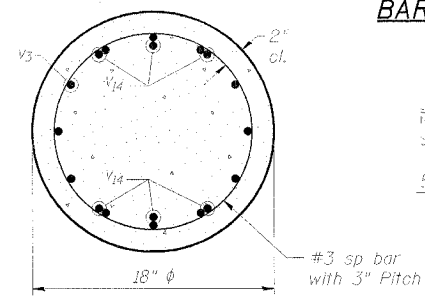
BAR s



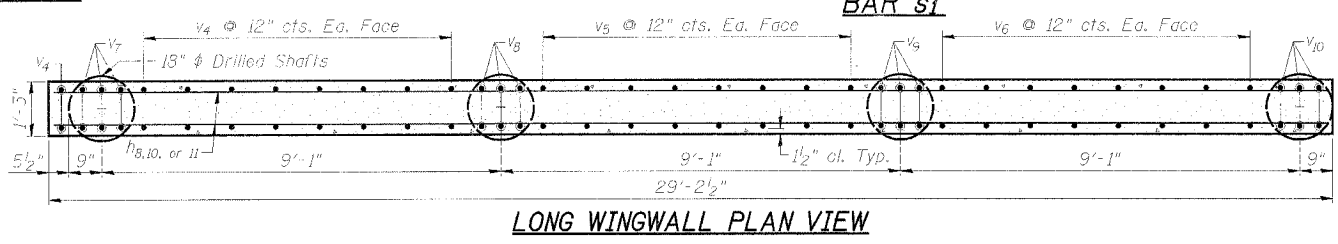
BAR s1



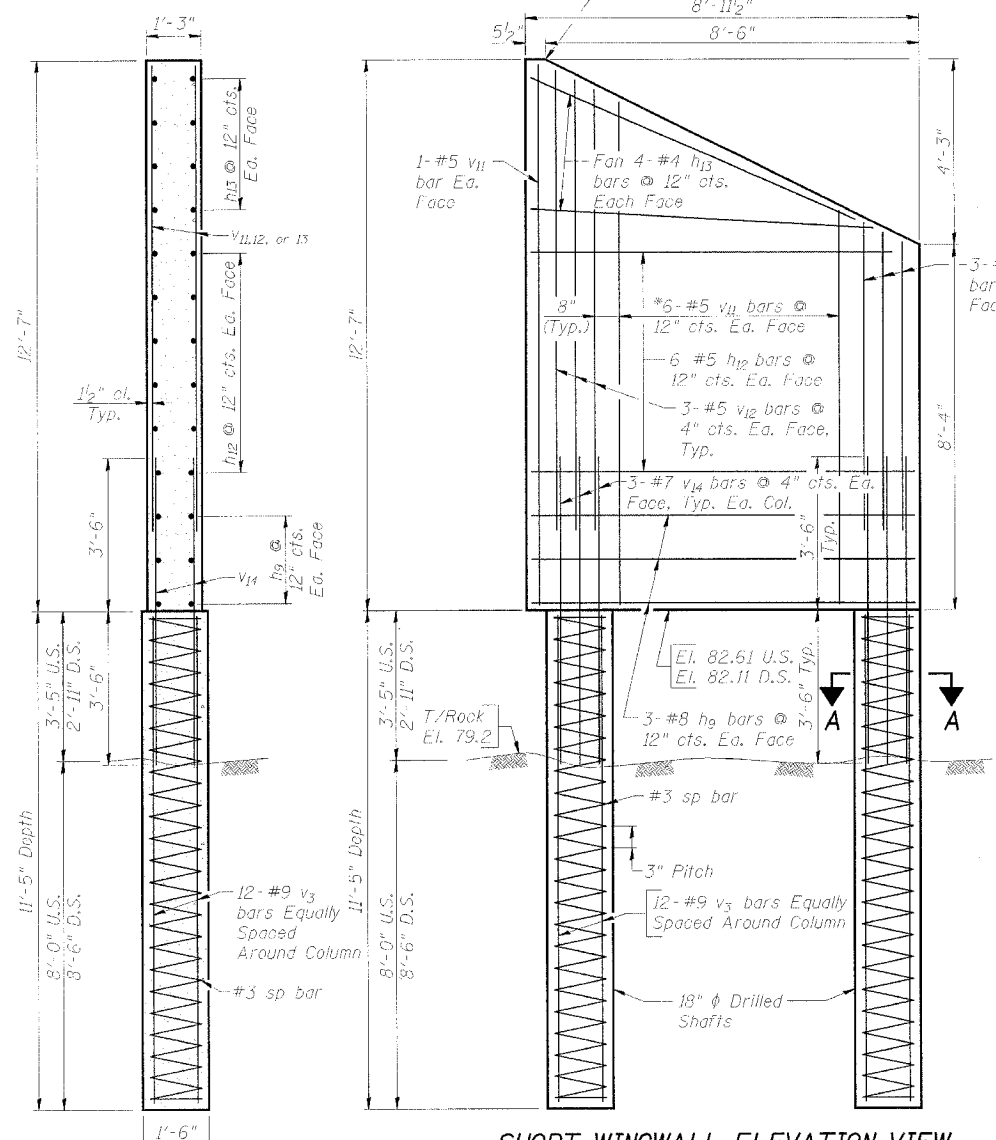
SHORT WINGWALL PLAN VIEW



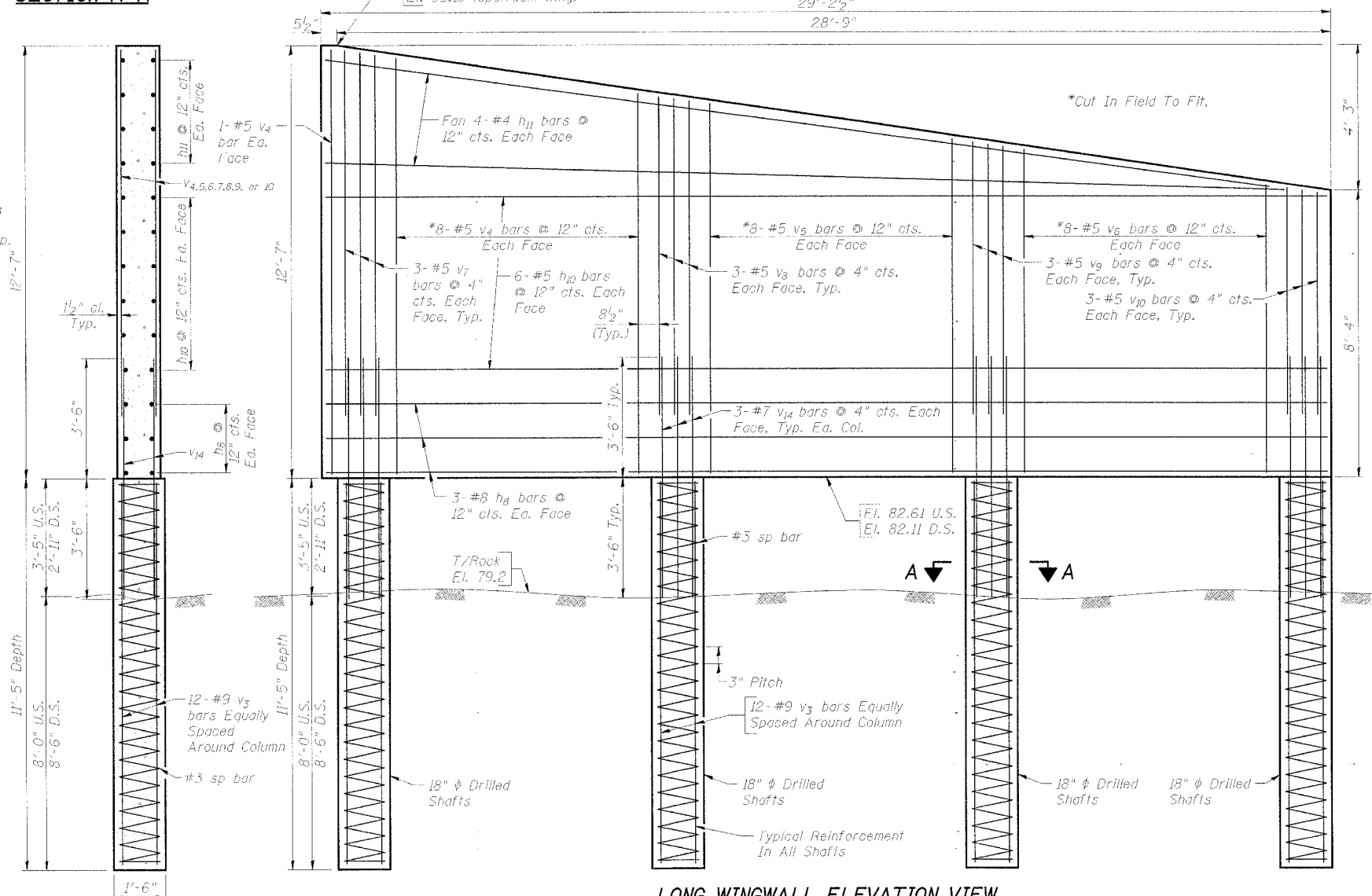
SECTION A-A



LONG WINGWALL PLAN VIEW



SHORT WINGWALL ELEVATION VIEW



LONG WINGWALL ELEVATION VIEW

SHORT WINGWALL END VIEW

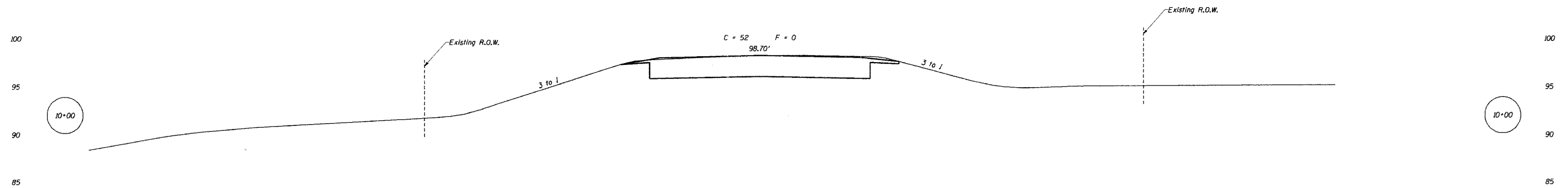
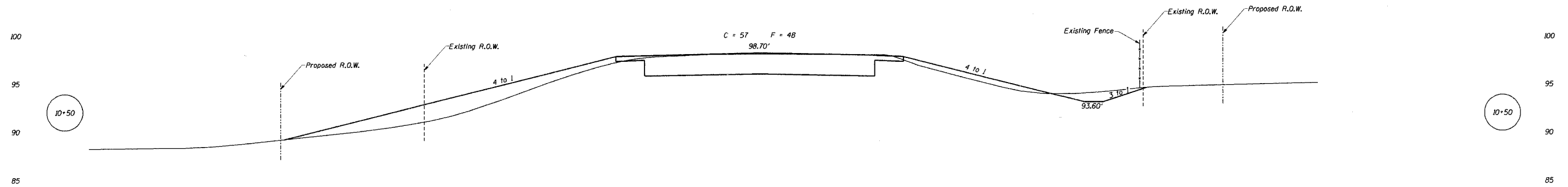
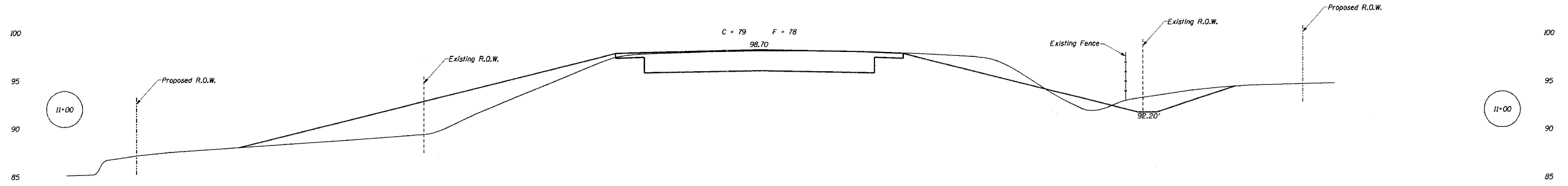
LONG WINGWALL END VIEW

STATION 11+93.74  
 DOUBLE BARREL 12'-0" x 8'-0" BOX CULVERT  
 WILLOW ROAD OVER MUDDY PLUM RIVER  
 SECTION 99-00119-00-BR  
 JO DAVIESS COUNTY  
 WHA # 1222D06

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1067	99-00119-00-BR	JO DAVIESS	9	7
ROAD DIST.	ILLINOIS			

65 70 75 80



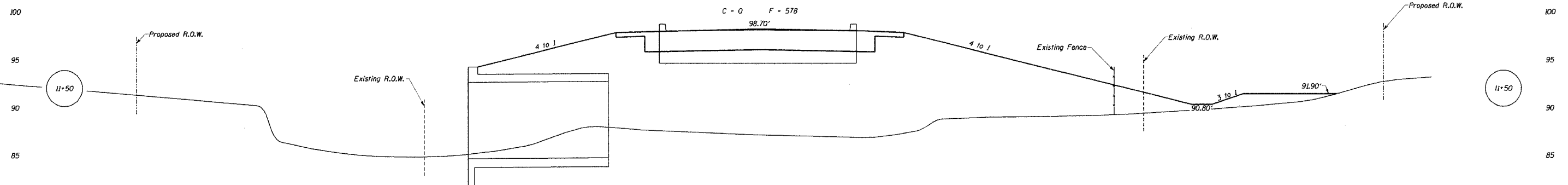
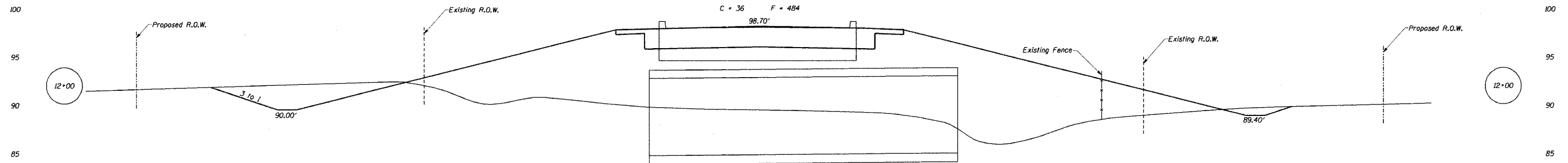
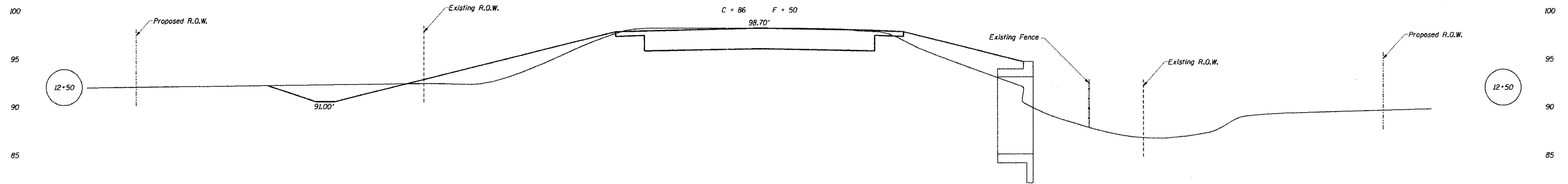
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80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1067	99-0019-00-BR	JO DAVIESS	9	8

ROAD DIST. KLINDIS

65 70 75 80



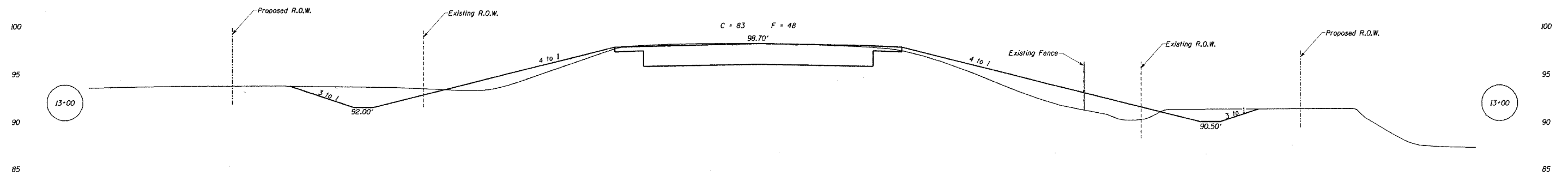
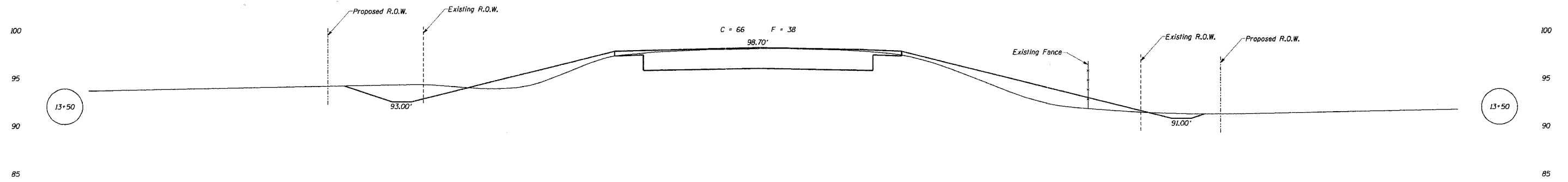
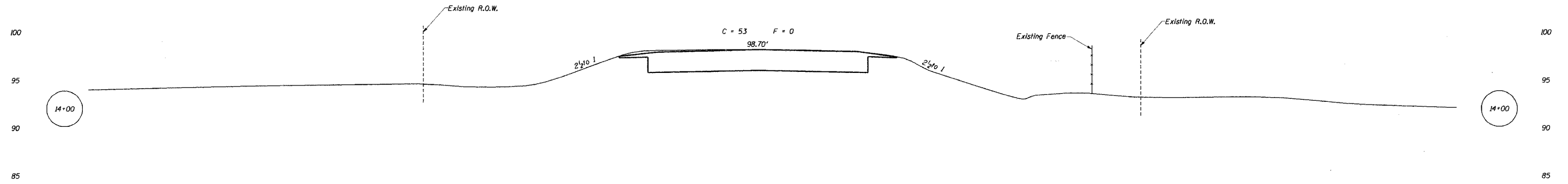
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1067	99-00119-00-BR	JO DAVIESS	9	9
ROAD DIST.	ILLINOIS			

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60

65 70 75 80



80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80