STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** PLANS FOR PROPOSED AMERICAN RECOVERY AND REINVESTMENT ACT **SCOTT COUNTY** SECTION 09-00006-02-BR

F.A.S. 605 (CH 3) OVER WOLF RUN CREEK

PROJECT NO. ARA-0605(107)

JOB NUMBER C-96-200-10

INDEX OF SHEETS

SHEET NO.

DESCRIPTION

COVER SHEET 1.

GENERAL NOTES. TYPICAL SECTIONS. 2. SUMMARY OFQUANTITIES,

SCHEDULES OF QUANTITIES

DETAILS

TRAFFIC CONTROL PLAN

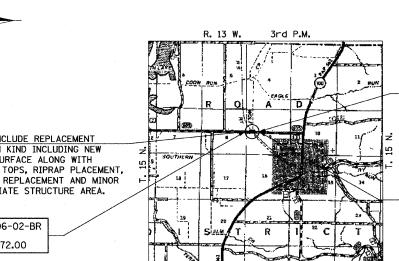
STRUCTURE PLANS 5. -10.

REQUIRED HIGHWAY STANDARDS

000001-05 515001-03 631011-06 635006-03 635011-02 701901-01 780001-02 BLR 21-8 BLR 26-2 BLR 27-1

PROPOSED IMPROVEMENTS INCLUDE REPLACEMENT OF THE SUPERSTRUCTURE IN KIND INCLUDING NEW STEEL RAIL AND WEARING SURFACE ALONG WITH REPLACEMENT OF WINGWALL TOPS. RIPRAP PLACEMENT. TRAFFIC BARRIER TERMINAL REPLACEMENT AND MINOR RESURFACING IN THE IMMEDIATE STRUCTURE AREA.

> SECTION 09-00006-02-BR BEGINS STATION 132+72.00



SECTION 09-00006-02-BR ENDS STATION 134+02.00

EXISTING STRUCTURE 086-3000 SINGLE SPAN 27" PPC DECK BEAM SUPERSTRUCTURE W/ SINGLE ELEMENT SIDE MOUNTED STEEL RAIL & CONCRETE CLOSED ABUTMENTS, 54'-0" BK. TO BK. & 33'-0" O. TO O., NO SKEW (SUPERSTRUCTURE TO BE REMOVED)

UTILITY COMPANIES

SOYLAND POWER COOPERATIVE JACKSONVILLE. ILLINOIS

JACKSONVILLE, ILLINOIS

J.U.L.I.E.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

OR 811

CONTRACT NO. 93519

LOCATION MAP

APPROXIMATE SCALE

NET LENGTH OF PROJECT = 130.00 FEET = 0.025 MILES DESIGN CLASSIFICATION: MAJOR-COLLECTOR (NON-URBAN) DESIGN ADT = 3.250 (2030) DESIGN SPEED = 60 MPH

Hutchison Engineering, Inc. JACKSONVILLE ILLINOIS

2009

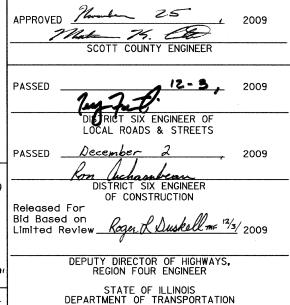


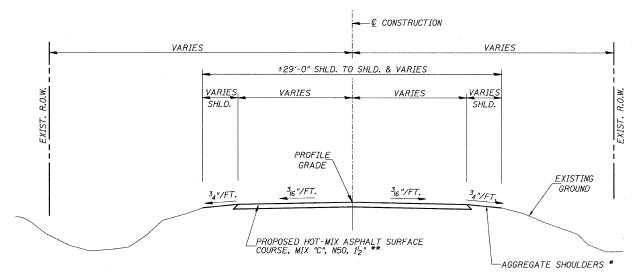
SIGNATURE

ENGINEERS SEAL

SCOTT 605 09-00006-02-BR FED. ROAD DIST. NO. 7 | ILLINOIS | CONTRACT NO. 9 3 5 1







MIXTURE USE	SURFACE (MIX "C"), N50			
PG GRADE	PG 64-22			
DESIGN AIR VOIDS	4% @ N50			
MAX COMPOSITION: (GRADATION MIXTURE)	IL-9.5 or 12.5			
FRICTION AGGREGATE	MIXTURE C			

MIX DESIGN TABLE

If RAP option is selected, the asphalt cement grade may need to be adjusted. This will be determined by the Engineer.

GENERAL NOTES

ALL WASTE OR UNDESIRABLE MATERIAL AS IDENTIFIED BY THE ENGINEER SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY AT THE CONTRACTOR'S EXPENSE.

ALL EXISTING PRIVATELY OWNED UTILITIES REQUIRING ADJUSTMENT WILL BE MADE BY THE UTILITY COMPANY INVOLVED. WHERE NO PROVISIONS HAVE BEEN MADE FOR ADJUSTMENTS ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCES CAUSED BY THE SAID UTILITY ADJUSTMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION

ANY EXISTING DRAINAGE STRUCTURES THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE COUNTY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE COUNTY, ITS OFFICERS AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLES 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE PROPERTY MARKERS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

EXISTING/PROPOSED TYPICAL SECTION

STA. 132+72.00 TO STA. 133+00.00 STA. 133+54.00 TO STA. 134+02.00 EXCEPT TRANSITIONS

BRIDGE OMISSION STA. 133+00.00 TO STA. 133+54.00

SURFACE COURSE. COST OF NEW AGGREGATE SHOULDERS FROM BACK OF STRUCTURE TO 2' BEYOND THE WINGS SHALL BE PAID FOR AS AGGREGATE SHOULDERS, TYPE A. SEE SCHEDULE.

* COST OF REGRADING EXISTING AGGREGATE SHOULDERS

2' PAST WING ENDS AND BEYOND DUE TO CONSTRUCTION

ACTIVITIES SHALL BE INCLUDED WITH HOT-MIX ASPHALT

**PROPOSED PAVEMENT WIDTH TO MATCH EXISTING PAVEMENT WIDTH.

HOT-MIX ASPHALT SCHEDULE

<u></u>	NOT WIN THE CONTENT							
STATION TO STATION	WIDTH	LENGTH	PRIME COAT GALLON O.10 GAL/SQ YD	HOT-MIX ASPHALT SURFACE CSE TON 112#/SQ YD/IN				
132+72.00 - 132+86.22	23.49' AVG.	14.22'	4	3				
132+86.22 - 133+00.00	27.61' AVG.	13.78′	4	4				
133+54.00 - 133+68.00	27.56' AVG.	14.00	4	4				
133+68.00 - 134+02.00	23.60' AVG.	34.00'	9	8				
		TOTAL	21	19				

[132+72.00 - 134+02.00	LEFT	WHITE EDGE LINE	130
[132+72.00 - 134+02.00	LEFT / €	SOLID YELLOW	130
	132+72.00 - 134+02.00	RIGHT / ©	YELLOW SKIP DASH	33
ı	132+72.00 - 134+02.00	RIGHT	WHITE EDGE LINE	130
			TOTAL	423

PAINT PAVEMENT MARKING - LINE 4"

STATION TO STATION | SIDE | DESCRIPTION

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	QUANTITY
	28100209	STONE RIPRAP, CLASS A5	TON	295
1	28200200	FILTER FABRIC	SQ YD	245
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	21
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	211
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	39
	48100100	AGGREGATE SHOULDERS, TYPE A	TON	7
1	50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1
	50102400	CONCRETE REMOVAL	CU YD	4.5
	50300225	CONCRETE STRUCTURES	CU YD	4.5
1	50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1,782
1	50800105	REINFORCEMENT BARS	POUND	370
	51500100	NAME PLATES	EACH	1
	58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	198
	58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	135
*①	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3
*①	63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4
	63200310	GUARDRAIL REMOVAL	FOOT	68
	67100100	MOBILIZATION	L SUM	1
1	70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
*	78001110	PAINT PAVEMENT MARKING ~ LINE 4"	FOOT	423
*①	78202000	TERMINAL MARKER - POST MOUNTED	EACH	4
*①	X0321203	TERMINAL MARKER POSTS	EACH	4
*①	XX006199	STEEL BRIDGE RAIL, TYPE SM (SPECIAL)	FOOT	162
1	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1

① SEE SPECIAL PROVISIONS

* SPECIALTY ITEMS

CONSTRUCTION CODE TYPE: X081-2A

TRAFFIC BARRIER TERMINAL, TYPE 2

SIDE	STATION TO STATION	EACH
LEFT	132+71.65 - 132+73.93	1
LEFT	133+77.30 - 133+73.11	1
RIGHT	133+73.35 - 133+74.13	1
	TOTAL	3

TRAFFIC BARRIER TERMINAL, TYPE 5A

SIDE	STATION TO STATION	EACH
LEFT	132+73.93 - 132+86.50	1
RIGHT	132+84.61 - 132+86.50	1
LEFT	133+67.50 - 133+77.30	1
RIGHT	133+67.50 - 133+73.55	1
	TOTAL	4

GUARDRAIL REMOVAL

STATION TO STATION	SIDE	FOOT
132+73.14 - 132+86.50	LEFT	24
132+85.65 - 132+86.50	RIGHT	12
133+67.50 - 133+63.41	LEFT	19
133+67.50 - 133+68.26	RIGHT	13
	TOTAL	68

AGGREGATE SHOULDERS, TYPE A

STATION TO STATION	SIDE	WIDTH	LENGTH	TON
132+84.50 - 133+00.00	LEFT	3.26' AVG.	<i>15.50′</i>	2
132+84.50 - 133+00.00	RIGHT	2.43' AVG.	15.50′	1
133+54.00 - 133+69.50	LEFT	2.88' AVG.	15.50′	2
133+54.00 - 133+69.50	RIGHT	2.91' AVG.	<i>15.50′</i>	2
*** 6" THICKNESS	`		TOTAL	7

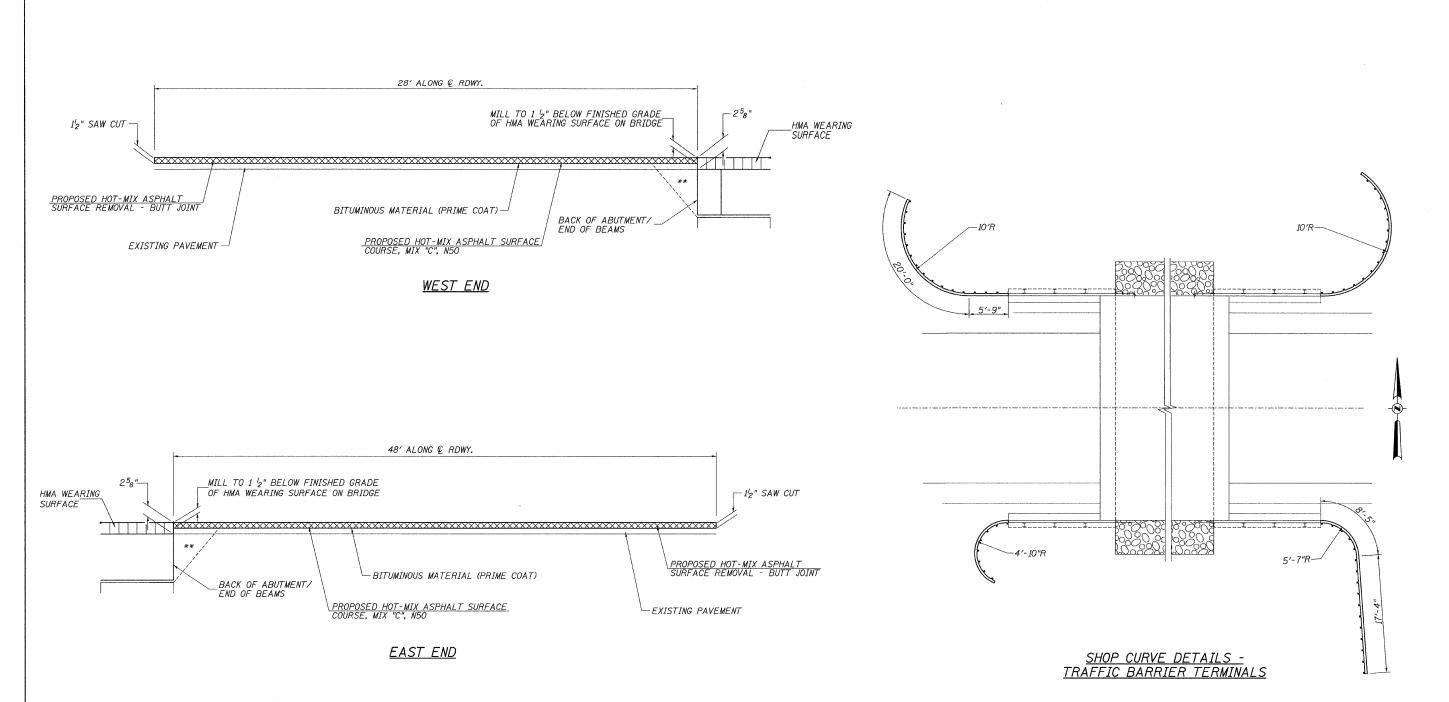
TERMINAL MARKER POSTS

© STATION	0FFSET	SIDE	EACH
132+79.00	19'	LEFT	1
132+84.00	19'	RIGHT	1
133+70.00	19′	LEFT	1
133+71.00	19′	RIGHT	1
		TOTAL	4

<u>HOT-MIX ASPHALT SURFACE</u> REMOVAL - BUTT JOINT

STATION TO STATION	WIDTH	LENGTH	SQ YD
132+72.00 - 132+86.22	23.49' AVG.	14.22′	37
132+86.22 - 133+00.00	27.61' AVG.	13.78′	42
133+54.00 - 133+68.00	27.56' AVG.	14.00′	43
133+68.00 - 134+02.00	23.60' AVG.	34.00′	89
		TOTAL	211

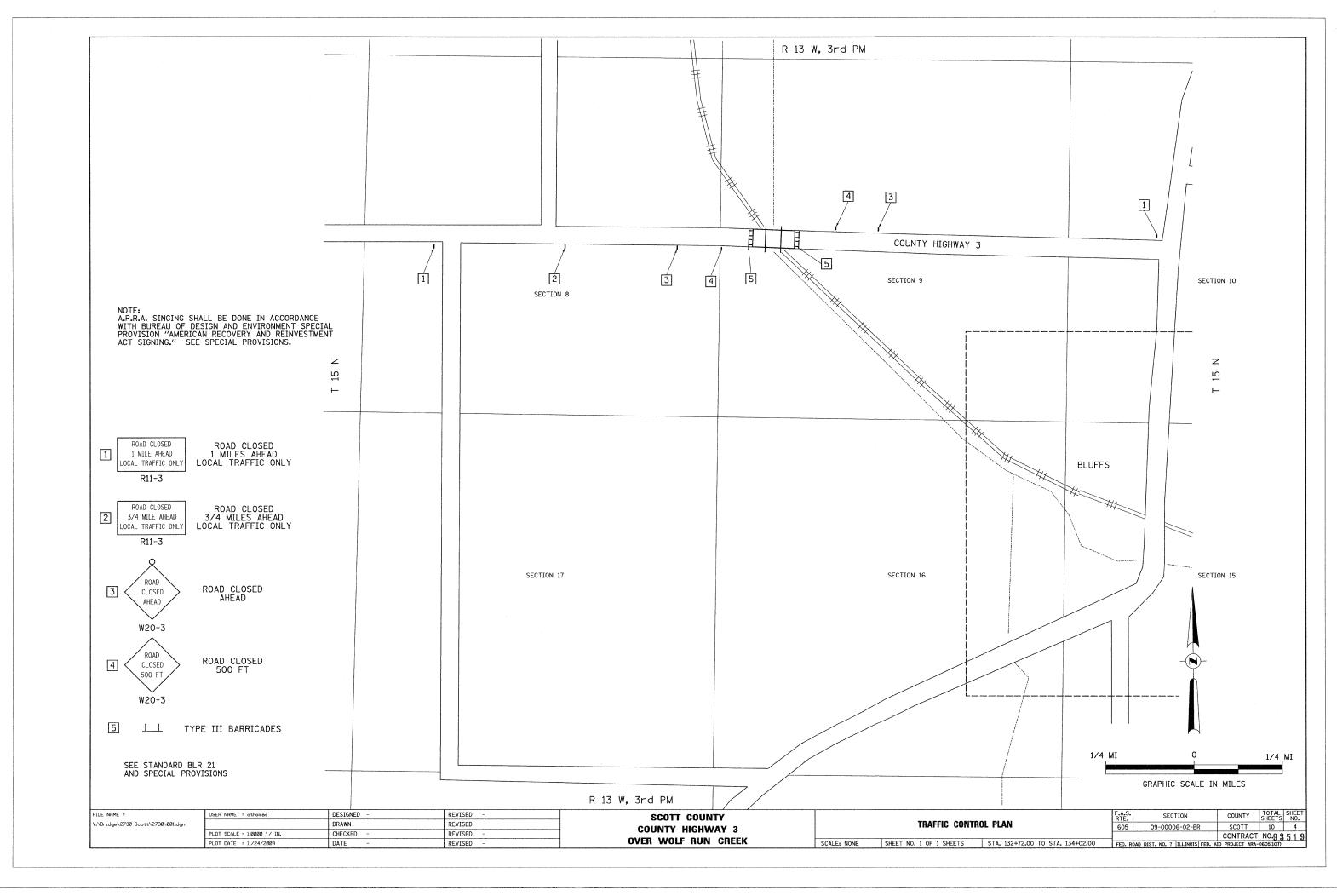
COUNTY TOTAL SHEET NO. FILE NAME = USER NAME = othomas DESIGNED REVISED SECTION SCOTT COUNTY **GENERAL NOTES, TYPICAL SECTION,** :\Bridge\2730-Scott\2730t001.dgr DRAWN REVISED SCOTT 10 2 CONTRACT NO.9 3 5 1 9 605 09-00006-02-BR **COUNTY HIGHWAY 3** SUMMARY OF QUANTITIES, SCHEDULES OF QUANTITIES PLOT SCALE = 1.0000 '/ IN. CHECKED REVISED **OVER WOLF RUN CREEK** SHEET NO. 1 OF 1 SHEETS STA. 132+72.00 TO STA. 134+02.00 FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT ARA-GOGGIGOT PLOT DATE = 11/24/2009 DATE REVISED



BUTT JOINT DETAILS

** ANY EXCAVATION REQUIRED BEHIND THE ABUTMENTS FOR REMOVAL OF THE EXISTING SUPERSTRUCTURE OR BALANCING OF SOIL PRESSURES SHALL BE BACKFILLED WITH CONTROLLED LOW-STRENGTH MATERIAL. COST OF ANY EXCAVATION OR BACKFILL REQUIRED SHALL BE INCLUDED WITH "REMOVAL OF EXISTING SUPERSTRUCTURES".

FILE NAME =	USER NAME = othomas	DESIGNED ~	REVISED -	SCOTT COUNTY		F.A.S. SECTION	COUNTY SHEET NO.
Vs\Bridge\2730-Scott\2730d001.dgn		DRAWN -	REVISED -	COUNTY HIGHWAY 3	DETAILS	605 09-00006-02-BR	SCOTT 10 3
	PLOT SCALE = 1.00000 '/ IN.	CHECKED -	REVISED -				CONTRACT NO. 9 3 5 1 9
1	PLOT DATE = 11/24/2009	DATE -	REVISED -	OVER WOLF RUN CREEK	SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. 132+72.00 TO STA. 134+02.00		



BENCH MARK

RR Spike in Power Pole Sta. 132+75, 37' Lt. Elev. 452.31 RR Spike in Power Pole Sta. 133+69, 33' Rt. Elev. 452.60

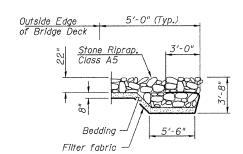
EXISTING STRUCTURE

Single span precast prestressed concrete deck beam structure on closed concrete abutments with metal shell piles. 54'-0" Bk. to Bk. and 33'-0" Out to Out., 0° Skew.

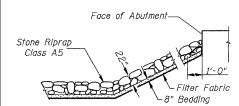
The existing superstructure is to be replaced with PPC Deck Beams and a HMA wearing surface.

Road to be closed during construction.

No Salvage



SECTION A-A



STONE RIPRAP DETAIL

Top of Riprap Shall Match Existina Groundline

B.A.N.

J.E.H.

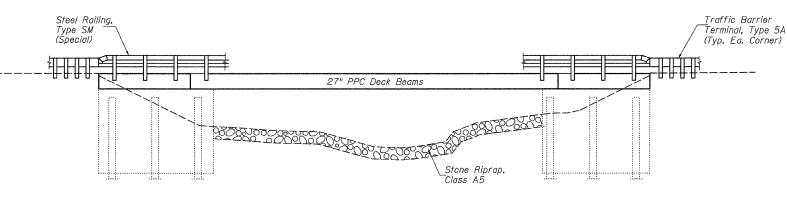
T.A.C.

B.A.N./J.E.H.

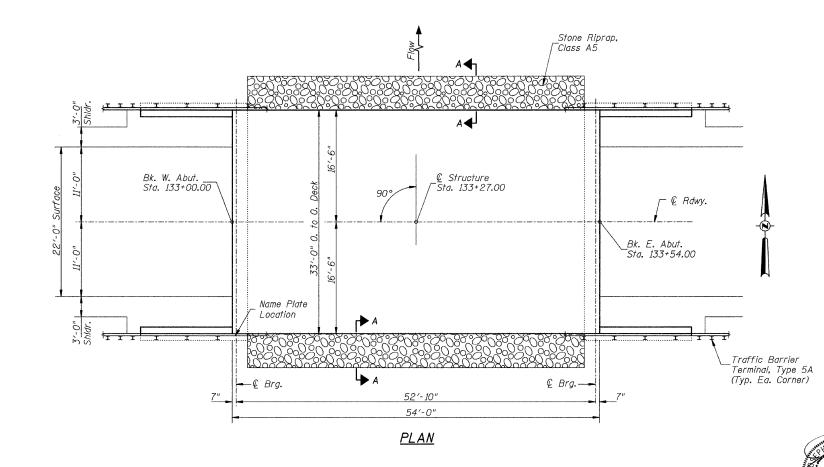
WOLF RUN CREEK
REBUILT 20.... BY
SCOTT COUNTY
SEC. 09-00006-02-BR
C.H. 3 STATION 133+27.00
F.A. PROJ. ARA-0605(107)
STR. NO. 086-3000 LOADING HL-93

NAME PLATE

Attach new name plate to back side of 8" rail element at West end of South rail. Clean and re-locate existing name plate adjacent to new name plate. Cost included in the cost of Name Plates. See Std. 515001



ELEVATION



DESIGN SPECIFICATIONS

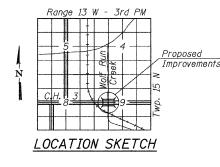
2007 AASHTO (LRFD) & Interims

DESIGN STRESSES

(FIELD UNITS) f'c = 3,500 p.s.i. fy = 60,000 p.s.i. (Rein.) (PRECAST PRESTRESSED UNITS) f'c = 6,000 p.s.i. f'ci = 5,000 p.s.i. f's = 270,000 p.s.i. (½" Strands) f'si = 201,960 p.s.i. (½" Strands)

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.



GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A706 Grade 60. Reinforcement bars designated (E) shall be epoxy coated.

The top surface of the beams shall be finished according to the IDOT Manual for Precast Prestressed Concrete Products.

A Corrosion Inhibitor shall be used in the concrete for Precast Prestressed Concrete Deck Beams according to Article 1020.05(b)(12) of the Standard Specifications.

Layout of the slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

Backfill shall not be placed behind the new abutments until the superstructure has been set and doweled.

Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

TOTAL BILL OF MATERIAL

	ITEM	UNIT	SUPER	SUB	TOTAL			
1	Removal of Existing Superstructures	EACH	1		1			
	Stone Riprap, Class A5	TON		295	295			
1	Filter Fabric	SQ YD		245	245			
	Concrete Removal	CU YD		4.5	4.5			
	Concrete Structures	CU YD		4.5	4.5			
1	Precast Prestressed Concrete Deck Beams (27" Depth)	SQ FT	1,782		1,782			
1	Reinforcement Bars	POUND		370	370			
1	Steel Bridge Rail, Type SM (Special)	FOOT	162	***************************************	162			
	Hot-Mix Asphalt Surface Course, Mix "C", N50	TON	20		20			
	Waterproofing Membrane System	SQ YD	198		198			
	Portland Cement Mortar Fairing Course	F00T	135		<i>13</i> 5			
	Name Plates	EACH	1		1			

① See Special Provisions

L'une Expires 11/30/2010

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO LRFD Bridge Design Specifications.

Illinois Structural No. 6440
Expires 11/30/2010

GENERAL PLAN AND ELEVATION

<u>SCOTT COUNTY</u> <u>SECTION 09-00006-02-BR</u>

C.H. 3 OVER WOLF RUN CREEK STA. 133+27.00

STRUCTURE NO. 086-3000

 RTE.
 SECTION
 COUNTY
 TOTAL SHEETS NO.

 C.H. 3
 09-00006-02-BR
 SCOTT
 10
 5

 6
 SHEETS
 SN 086-3000
 CONTRACT NO.
 93519

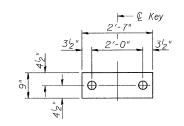
 FED. ROAD DIST. NO. 7
 ILLINOIS
 FED. AID PROJECT ARA-0605(107)

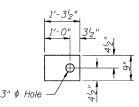
2730B001

DRAWN

DESIGNED

CHECKED



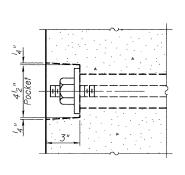


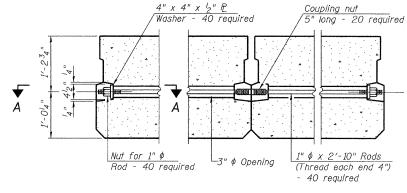
12" FABRIC BEARING PAD Interior (20 Required)

12" FABRIC BEARING PAD

Exterior (4 Required)

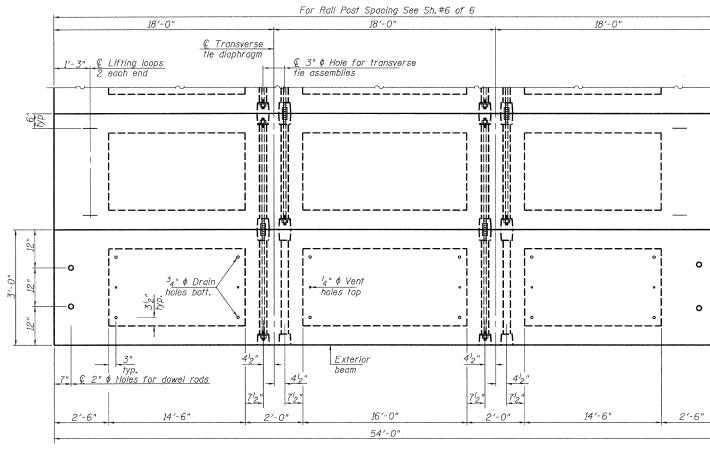
FIXED

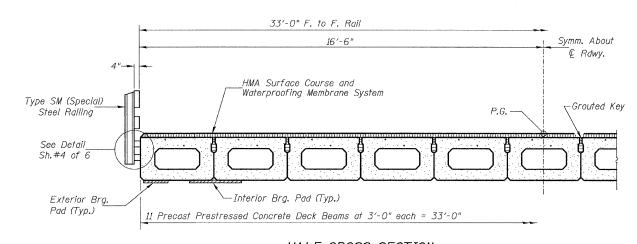




SECTION A-A

TYPICAL TRANSVERSE TIE ASSEMBLY





PLAN VIEW

HALF CROSS SECTION

BILL OF MATERIAL

①	ITEM	UNIT	QUANTITY
	Precast Prestressed Concrete Deck Beams (27" Depth)	SQ FT	1,782
	O		

(1) See Special Provisions

Note: Connect beams in pairs with the transverse tie configuration shown.

<u>NOTES</u>

Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be $\frac{1}{2}$ " and the nominal cross-sectional area shall be 0.153 sq. in. The 1" ϕ rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.

Reinforcement bars shall conform to ASTM A 706, Grade 60.

Two $\frac{1}{8}$ " fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.

A minimum $2\frac{1}{2}$ " ϕ lifting pin shall be used to engage the lifting loops during handling.

Corrosion Inhibitor, per Article 1020.05(b)(12) and 1021.06 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.

Compressive strength of prestressed concrete, f'c, shall be 6000 psi.

Compressive strength of prestressed concrete at release, f'ci, shall be 5000 psi.

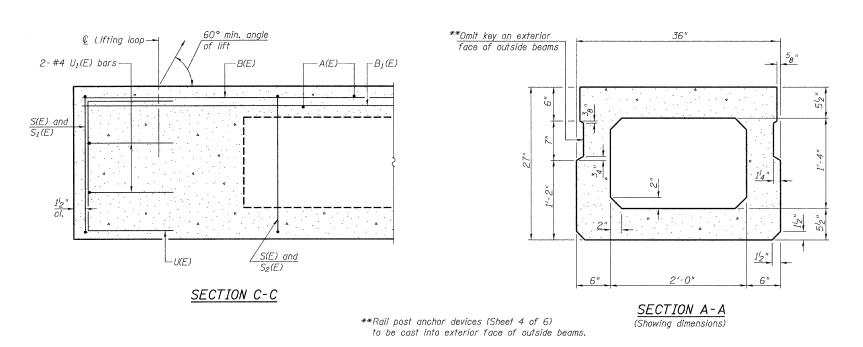
SUPERSTRUCTURE

SCOTT COUNTY

SECTION 09-00006-02-BR
C.H. 3 OVER WOLF RUN CREEK

SHEET NO. 2	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
011221 11012	CH 3	09-00006-02-BR	SCOTT	10	6	
6 SHEETS		SN 086-3000	CONTRACT NO. 93519			
	FED. RO	DAD DIST. NO. 7 ILLINOIS FE	D. AID PROJECT A	RA-0605(1	07)	

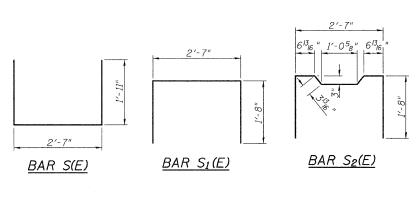
2730B002



68-#4 S₂(E) bars at ±8¹₂" cts., Top

17-#4 A(E) bars at ±2'-10" cts., Top

68-#4 S(E) bars at $\pm 8^{l}_{2}$ " cts., Bottom 34-#4 A(E) bars at $\pm 1^{l}$ -5" cts., Bottom of Top slab



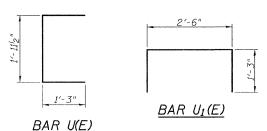
 $S_1(E)$

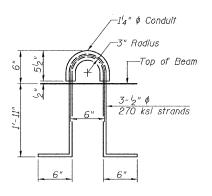
 $U_1(E)$

-B(E)

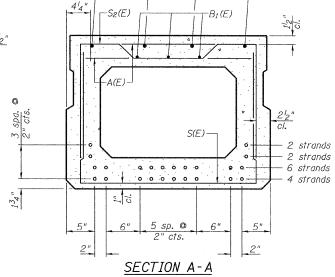
 $B_1(E)$

VIEW B-B





LIFTING LOOP DETAIL



-B(E)

14-½"\$\phi\$ Strands Each Strand Stressed to 30,900 Lbs. 4-Strands $1^3{}_4$ " up, 6-Strands $3^3{}_4$ " up, 2-Strands $5^3{}_4$ " up, and 2 Strands $7^3{}_4$ " up

Note: Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

BAR LIST-ONE BEAM ONLY

(For information only)

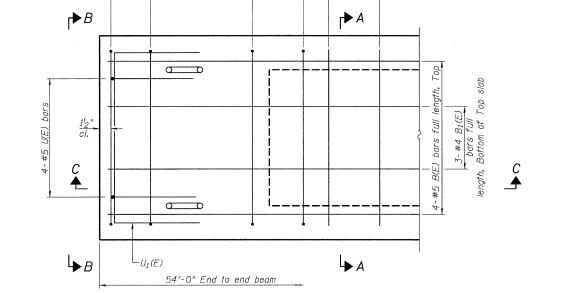
Bar	No.	Size	Length	Shape
A(E)	51	#4	2'-7"	
B(E)	4	#5	*53'-9"	
$B_1(E)$	3	#4	*53'-9"	
S(E)	78	#4	6'-5"	ш
$S_1(E)$	10	#4	5′-11"	
$S_2(E)$	68	#4	6'-2"	
U(E)	8	#5	4'-6"	
$U_1(E)$	4	#4	5′-0"	

Note: See sheet 2 of 6 for additional details and Bill of Material.

* Total Length, Lap as necassary

SUPERSTRUCTURE DETAILS
SCOTT COUNTY
SECTION 09-00006-02-BR
C.H. 3 OVER WOLF RUN CREEK

SHEET NO. 3	RTE.	SEC ⁻	COUNTY	TOTAL SHEETS	SHEET NO.		
Once Thosa	сн з	09-00006-02-BR			SCOTT	10	7
6 SHEETS	SN 086-3000				CONTRACT NO. 93519		
	FED. R	DAD DIST. NO. 7	ILLINOIS	FE	. AID PROJECT A	ARA-0605(1	07)



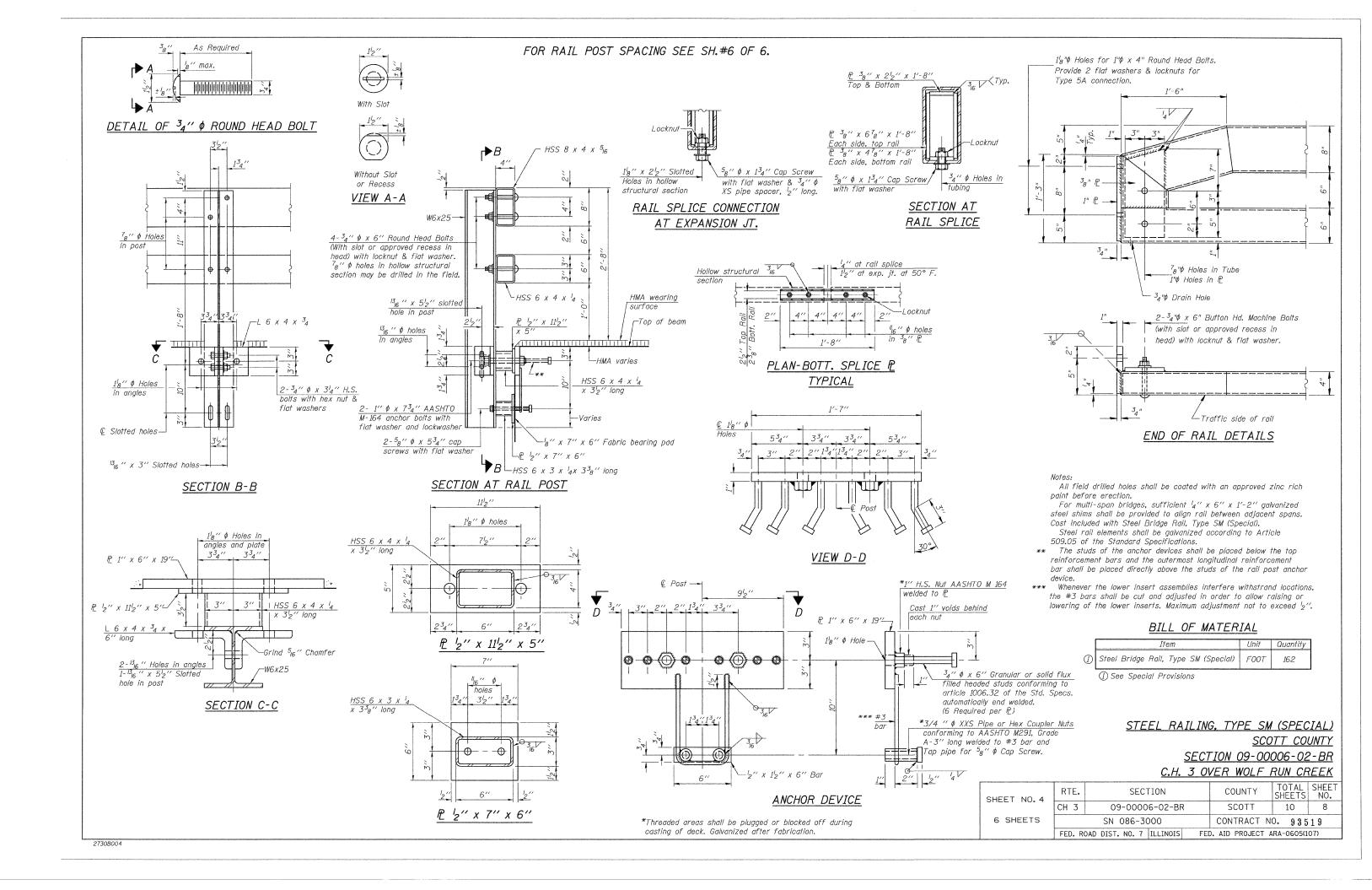
5-#4 S₁(E) bars, Top 5-#4 S(E) bars, Bottom

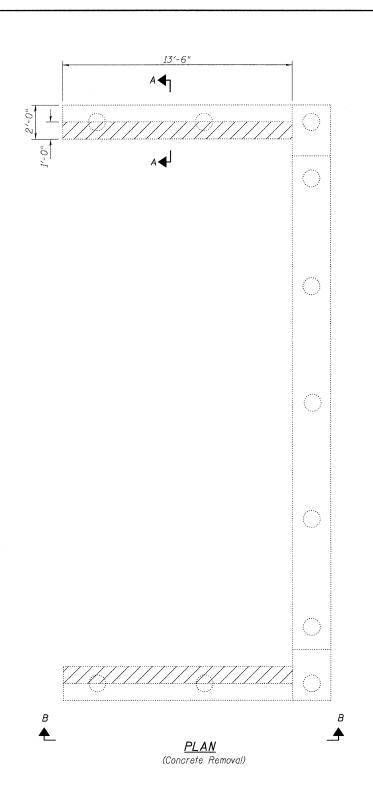
3 spaces at 6" =

PLAN VIEW

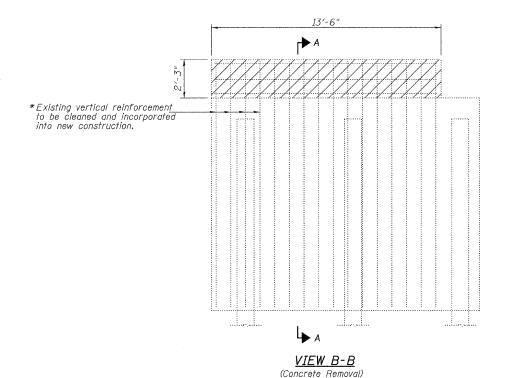
Note: Spacing of S(E) and $S_2(E)$ bars may be adjusted up to 4'' in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.

2730B003





Note: Any earth/shoulder material removal/replacement required on the back side of the wingwalls required for the concrete removal/ replacement shall be completed in accordance with the Standard Specifications and to the satisfaction of the Engineer. Cost of removal included with "Concrete Removal". Replacement of earth material shall be included with "Concrete Removal". Replacement of shoulder aggregate will be paid for as Aggregate Shoulders, Type A.



* Any reinforcement bars that have lost \(\frac{1}{4} \) or more of their original cross sectional area shall be cut off and mechanically spliced to a new bar. Cost included with Concrete Removal.

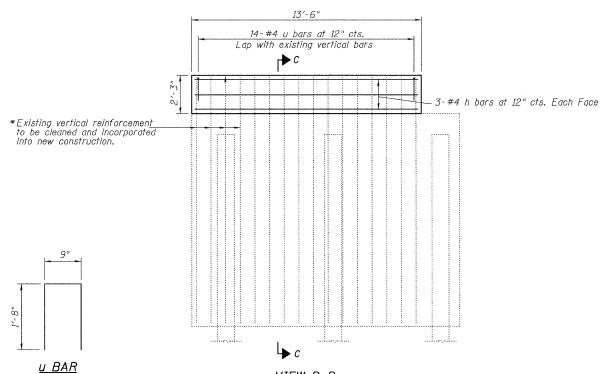
l ed

*Existing vertical reinforcement to be cleaned and incorporated

into new construction.

SECTION A-A (Concrete Removal)

Hatched area indicates portion of abutment to be removed.



VIEW B-B

(New Construction)

#4 h bar

#4 h bar

#Existing vertical reinforcement for be cleaned and incorporated into new construction.

SECTION C-C
(New Construction)

<u>ABUTMENT DETAILS</u> <u>SCOTT COUNTY</u>

SECTION 09-00006-02-BR C.H. 3 OVER WOLF RUN CREEK

 SHEET NO. 5
 RTE.
 SECTION
 COUNTY SHEETS NO.

 CH 3
 09-00006-02-BR
 SCOTT
 10
 9

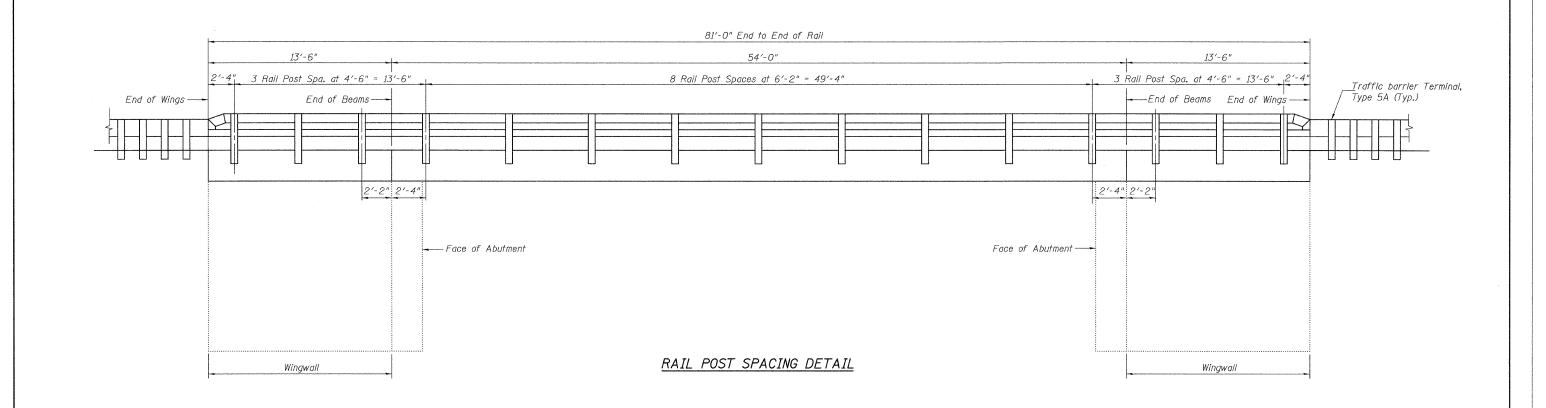
 6 SHEETS
 SN 086-3000
 CONTRACT NO. 93519

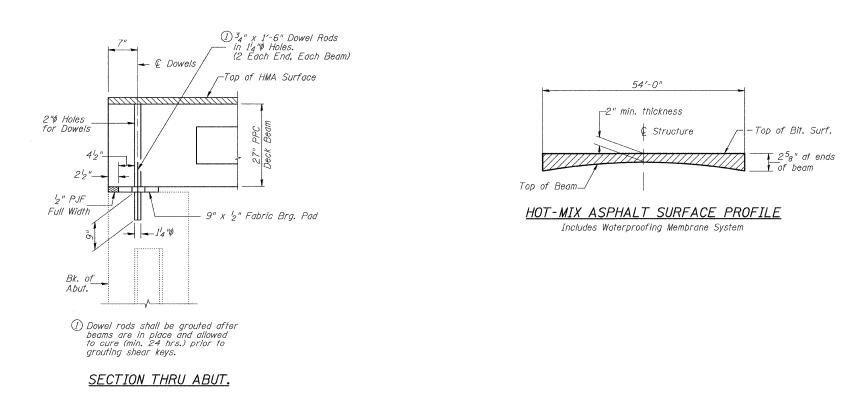
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT ARA-0605(107)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	24	#4	13'-3"	
и	56	#4	4'-1"	
Concre	te Remo	oval	CU YD	4.5
Concre	te Stru	ctures	CU YD	4.5
Reinfo	rcement	Bars	POUND	370

① See Special Provisions





RAIL POST SPACING AND SUPERSTRUCTURE DETAILS

SCOTT COUNTY
SECTION 09-00006-02-BR

C.H. 3 OVER WOLF RUN CREEK

	SHEET NO.6	RTE.	SEC ⁻	TION	COUNTY	TOTAL SHEETS	SHEET NO.
`	3,122, 110.0	CH 3	09-0000	6-02-BR	SCOTT	10	10
	6 SHEETS	SN 086-3000			CONTRACT NO. 93519		
		FED. RO	DAD DIST. NO. 7	ILLINOIS FE	D. AID PROJECT A	RA-0605(1	07)

2730B006