

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15B	(17C)B	WAYNE	17	1

+1
18

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

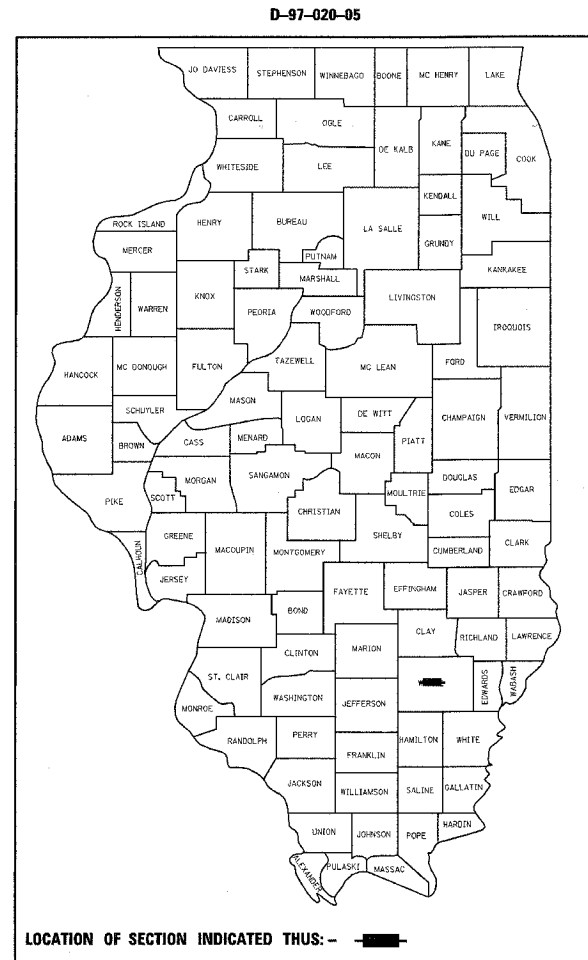
**PROPOSED
HIGHWAY PLANS**

SBI ROUTE 15B (OLD IL 15)
SECTION (17C)B

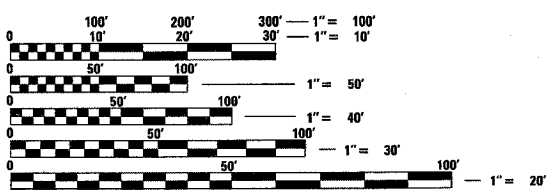
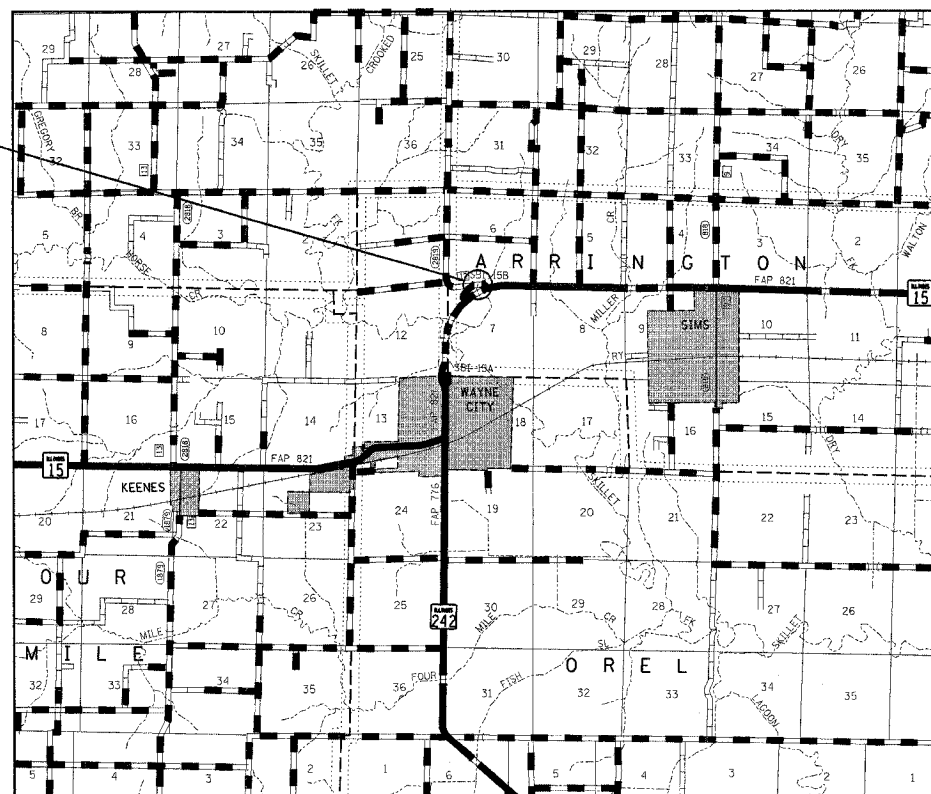
WAYNE COUNTY
BRIDGE REPLACEMENT WITH BOX CULVERT

C-97-053-05

FOR INDEX OF SHEETS, SEE SHEET NO. 2



EXISTING S. N. 096-0057
PROPOSED S. N. 096-2009



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 24 20 07
Christina M. Leahy
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 12, 20 07
Eric E. Harn
Interim ENGINEER OF DESIGN AND ENVIRONMENT

October 12, 20 07
Milton R. Sees, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PROJECT ENGINEER : MARK DAUGHERTY
SQUAD LEADER :
DESIGNER : BRIAN BIERMAN
TELEPHONE : 217/342-3951 EX

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15B	(17C)B	WAYNE	17	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

PERIMETER EROSION BARRIER IS FOR PLACEMENT AT THE TOE OF THE PROPOSED FILL SLOPE ALONG THE TOTAL LENGTH OF THE PROJECT. EROSION CONTROL BLANKET IS FOR PLACEMENT ON ALL NEW SLOPE CONSTRUCTION.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 4 INCH CONSISTS OF 104 FEET OF WHITE AND 20 FEET OF YELLOW.

THE PROCESS OF REMOVAL OF UNSUITABLE MATERIAL AND REPLACING WITH ROCK FILL SHALL BE A CONTINUOUS OPERATION AND CLOSELY MONITORED BY THE CONTRACTOR. ANY UNSUITABLE MATERIAL REMOVED DURING THE COURSE OF A DAY SHALL BE REPLACED WITH ROCK FILL THAT SAME DAY. THE SLOPE STABILITY OF THE NEW CULVERT CUT DEPENDS ON THIS MATERIAL BEING IN PLACE.

AGGREGATE FOR AGGREGATE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE OR RAP.

THE REMOVAL OF ALL EARTHWORK, SUB-GRADE AND PAVEMENT WITHIN THE LIMITS OF THE EXISTING BRIDGE STRUCTURE SHALL BE INCLUDED IN THE COST OF THE PAY ITEM REMOVAL OF EXISTING STRUCTURES. ALL EARTHWORK AND SUB-GRADE REMOVAL NECESSARY TO FACILITATE THE REMOVAL OF THE EXISTING BRIDGE STRUCTURE WHILE MAINTAINING SLOPE STABILITY (1:1 MINIMUM) SHALL BE INCLUDED IN THE COST OF THE PAY ITEM REMOVAL OF EXISTING STRUCTURES. ALL PAVEMENT REMOVAL IN THESE AREAS WILL BE PAID FOR AS PAVEMENT REMOVAL.

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF ACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

INDEX OF SHEETS

SHEET NO	TITLE
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, LIST OF HIGHWAY STANDARDS
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	PLAN SHEET
6	TRAFFIC CONTROL PLAN
7-12A	BOX CULVERT DETAILS
13-17	CROSS SECTIONS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

STD. NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-01	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-06	PAVEMENT JOINTS
420101-03	24' JOINTED PCC PAVEMENT
515001-02	NAME PLATE FOR BRIDGES
630001-07	STEEL PLATE BEAM GUARDRAIL
630101-07	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
701001-01	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-02	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-01	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-02	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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 USER = s3011000 / IN

REVISIONS	
NAME	DATE

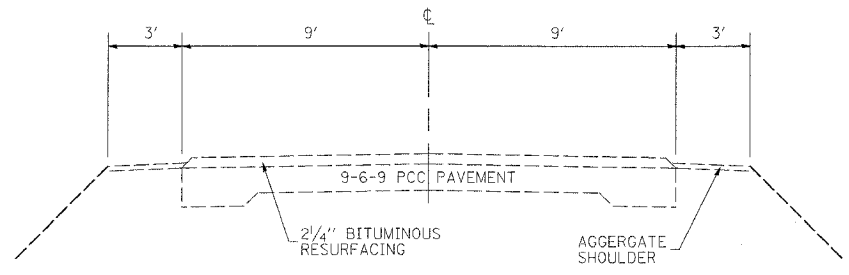
ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES
AND
INDEX OF SHEETS**

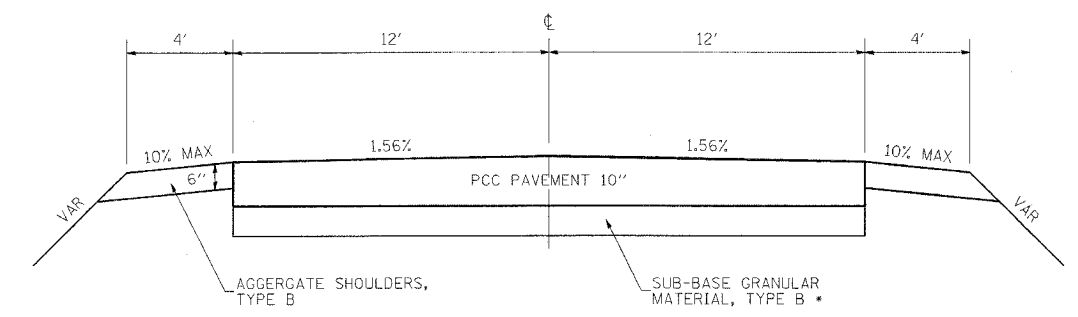
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 DATE _____

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 CHECKED BY _____

CONTRACT NO. 74092				
S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15B	(17C)B	WAYNE	17	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



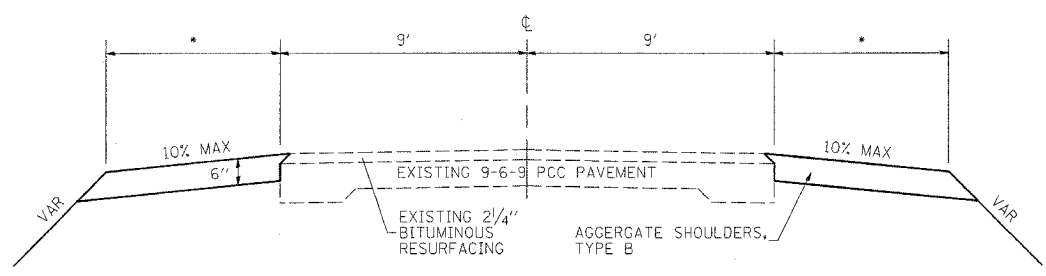
EXISTING ROADWAY TYPICAL SECTION



PROPOSED TYPICAL SECTION

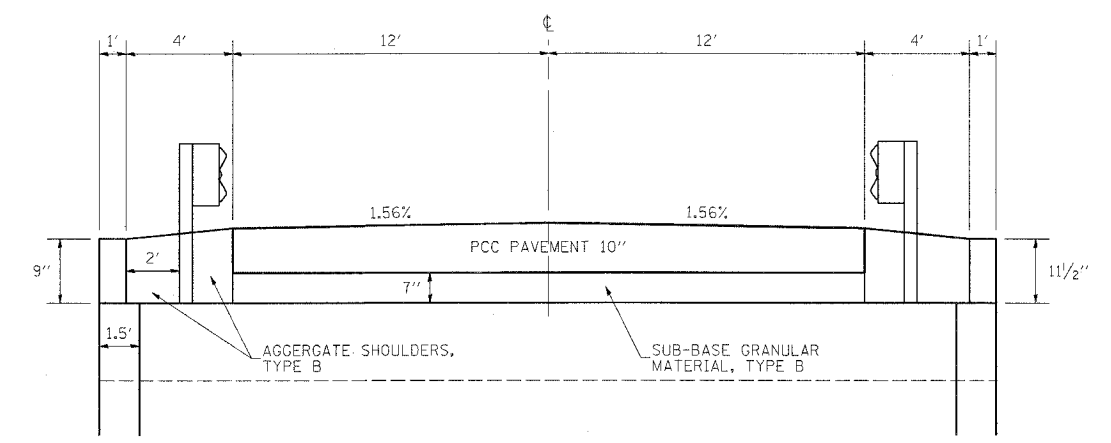
STA 1011+60 TO STA 1011+74
 STA 1011+98 TO STA 1012+12

• ONCE EXISTING RESURFACING AND PCC PAVEMENT IS REMOVED, PLACE SUB-BASE GRANULAR MATERIAL, TYPE B AS NEEDED TO ALLOW FOR NEW PCC PAVEMENT 10" (2" AVERAGE)



PROPOSED TYPICAL SECTION

STA 1010+89.5 TO STA 1011+13.5: ±=0' -7'
 STA 1011+13.5 TO STA 1011+60: ±=7'
 STA 1012+12 TO STA 1012+58.5: ±=7'
 STA 1012+58.5 TO STA 1012+82.5: ±=7' -0'



PROPOSED TYPICAL SECTION

STA 1011+74 TO STA 1011+98

PLT DATE = 8/24/2007
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 USER NAME = staffemk

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS.

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15B	(17C)B	WAYNE	17	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAVEMENT SCHEDULE

STATION TO STATION	LENGTH	AVERAGE PAVEMENT WIDTH	AREA	SUB-BASE GRANULAR MATERIAL, TYPE B	PCC PAVEMENT 10"	PAVEMENT REMOVAL	AGGREGATE SHOULDERS, TYPE B
1010+89.5 TO 1011+13.5	24	18.0	48	0.0	0.0	0.0	6.4
1011+13.5 TO 1011+60.0	47	18.0	93	0.0	0.0	0.0	24.7
1011+60.0 TO 1011+74.0	14	24.0	37	4.3	37.3	30.0	4.3
1011+74.0 TO 1011+98.0	24	24.0	64	25.5	64.0	0.0	15.8
1011+98.0 TO 1012+12.0	14	24.0	37	4.3	37.3	30.0	4.3
1012+12.0 TO 1012+58.5	47	18.0	93	0.0	0.0	0.0	24.7
1012+58.5 TO 1012+82.5	24	18.0	48	0.0	0.0	0.0	6.4
	193			34	139	60	86

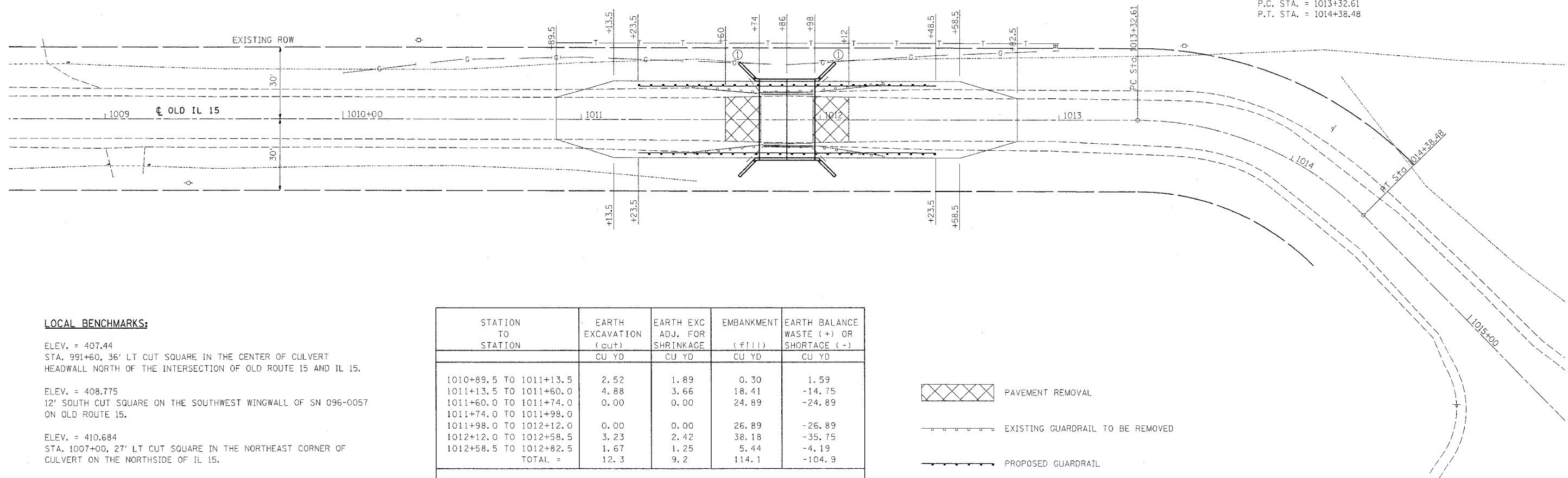
GUARDRAIL SCHEDULE

STATION TO STATION	LENGTH	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	GUARDRAIL MARKER, TYPE A	TERMINAL MARKER, DIRECT APPLIED
1011+23.5 TO 1012+48.5	125	50	164	4	8	4

NOTE ①:
ADJUST DITCH FLOWLINE AS NECESSARY TO ALLOW WATER FLOW AROUND PROPOSED WINGWALLS WHILE STAYING WITHIN R.O.W.
THE COST OF THIS WORK WILL BE INCLUDED WITH EARTH EXCAVATION.



EXIST. CURVE CURT
PI STA. = 1013+88.47
Δ = 45° 10' 43" (RT)
D = 42° 40' 37"
R = 134.26'
T = 55.86'
L = 105.86'
E = 11.16'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 1013+32.61
P.T. STA. = 1014+38.48



LOCAL BENCHMARKS:

ELEV. = 407.44
STA. 991+60, 36' LT CUT SQUARE IN THE CENTER OF CULVERT HEADWALL NORTH OF THE INTERSECTION OF OLD ROUTE 15 AND IL 15.

ELEV. = 408.775
12' SOUTH CUT SQUARE ON THE SOUTHWEST WINGWALL OF SN 096-0057 ON OLD ROUTE 15.

ELEV. = 410.684
STA. 1007+00, 27' LT CUT SQUARE IN THE NORTHEAST CORNER OF CULVERT ON THE NORTHSIDE OF IL 15.

STATION TO STATION	EARTH EXCAVATION (cut)	EARTH EXC ADJ. FOR SHRINKAGE	EMBANKMENT (fill)	EARTH BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
1010+89.5 TO 1011+13.5	2.52	1.89	0.30	1.59
1011+13.5 TO 1011+60.0	4.88	3.66	18.41	-14.75
1011+60.0 TO 1011+74.0	0.00	0.00	24.89	-24.89
1011+74.0 TO 1011+98.0				
1011+98.0 TO 1012+12.0	0.00	0.00	26.89	-26.89
1012+12.0 TO 1012+58.5	3.23	2.42	38.18	-35.75
1012+58.5 TO 1012+82.5	1.67	1.25	5.44	-4.19
TOTAL =	12.3	9.2	114.1	-104.9

PAY ITEMS: FURNISHED EXCAVATION 105 CU YD
EARTH EXCAVATION 15 CU YD

- PAVEMENT REMOVAL
- EXISTING GUARDRAIL TO BE REMOVED
- PROPOSED GUARDRAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: VERT. HORIZ.
DATE

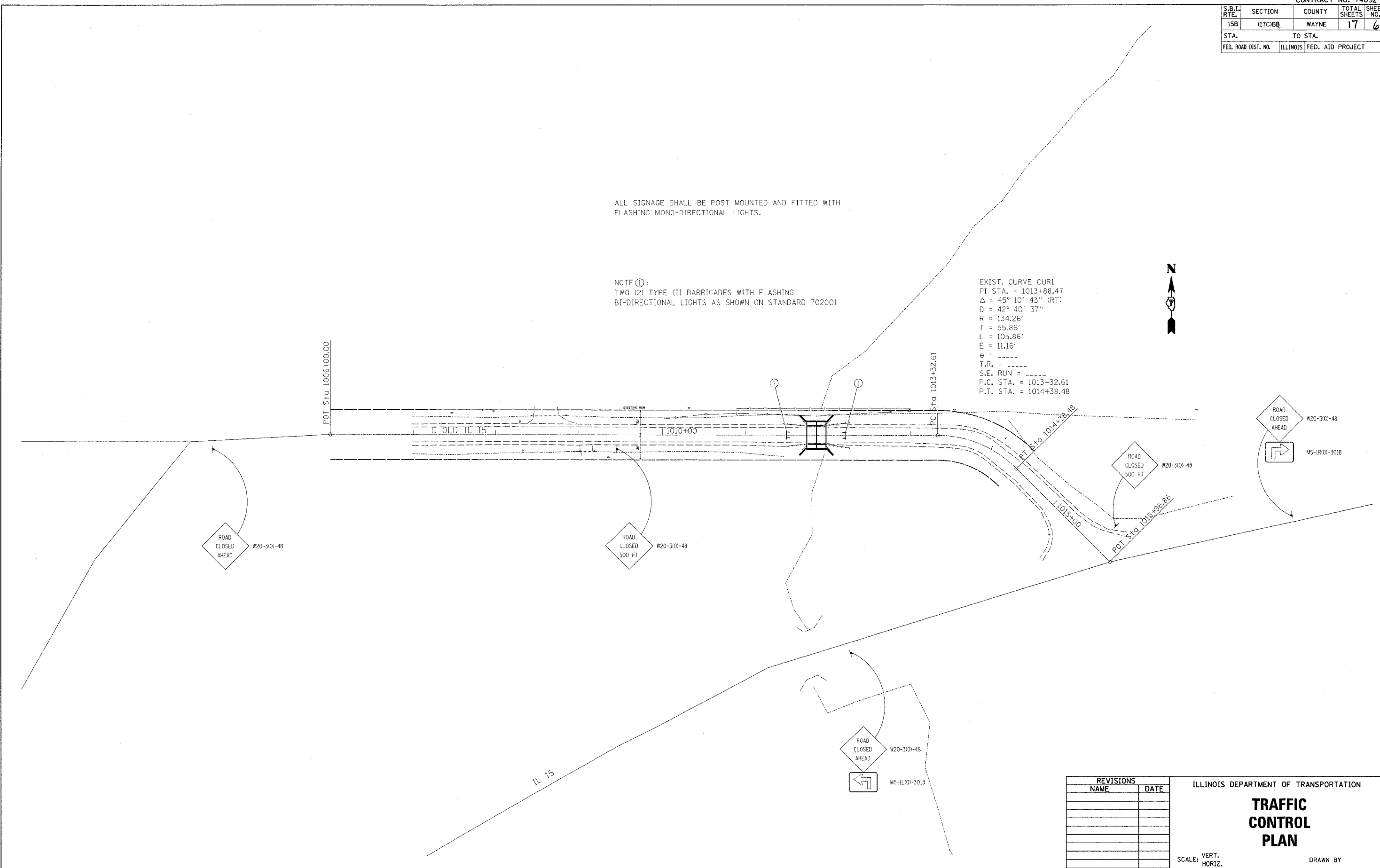
DRAWN BY
CHECKED BY

CONTRACT NO. 74092				
S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15B	(17C)B@	WAYNE	17	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ALL SIGNAGE SHALL BE POST MOUNTED AND FITTED WITH FLASHING MONO-DIRECTIONAL LIGHTS.

NOTE ①:
TWO (2) TYPE III BARRICADES WITH FLASHING BI-DIRECTIONAL LIGHTS AS SHOWN ON STANDARD 702001

EXIST. CURVE CUR1
PI STA. = 1013+88.47
 $\Delta = 45^\circ 10' 43''$ (RT)
D = 42° 40' 37"
R = 134.26'
T = 55.86'
L = 105.86'
E = 11.16'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 1013+32.61
P.T. STA. = 1014+38.48



PLOT DATE = 8/24/2007
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PLOT SCALE = 56.8000' / 1" IN.
USER NAME = starfernk

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

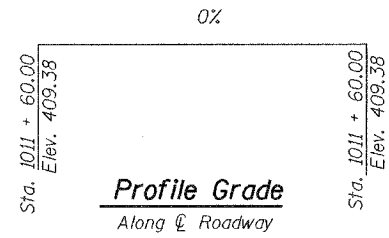
SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY _____
CHECKED BY _____

BENCHMARK: ELEV. = 408.775 Cut square on the southwest wingwall of the existing structure SN 096-0057

EXISTING STRUCTURE: S.N. 096-0057 Was originally constructed in 1918 under SBI-15, Section 17C as a single span slab superstructure on closed abutments supported by spread footings. The length of the existing structure is 20'-0" and the width is 22'-0" out to out. The existing structure is not skewed and is to be completely removed and replaced. The road will be temporarily closed during construction. No salvage.



Profile Grade
Along \varnothing Roadway

STATION 1011+86
BUILT 200 BY
STATE OF ILLINOIS
S.B.I. RT. 15B SEC. (17C)B
LOADING HS20
STR. NO. 096-2009

NAME PLATE

See Std. 515001
Index of Sheets

1. General Plan and Elevation
2. Riprap Details
3. & 4. Box Culvert End Section Details
5. Bar Splicer Assembly Details
6. Boring Logs

DESIGN SPECIFICATIONS

2002 AASHTO

LOADING HS20-44

Allow 50*/sq.ft for future wearing surface

DESIGN STRESSES

FIELD UNITS

f'_c = 3,500 psi
 f_y = 60,000 psi (reinforcement)
 f_y = 65,000 psi (welded wire fabric)

PRECAST UNITS

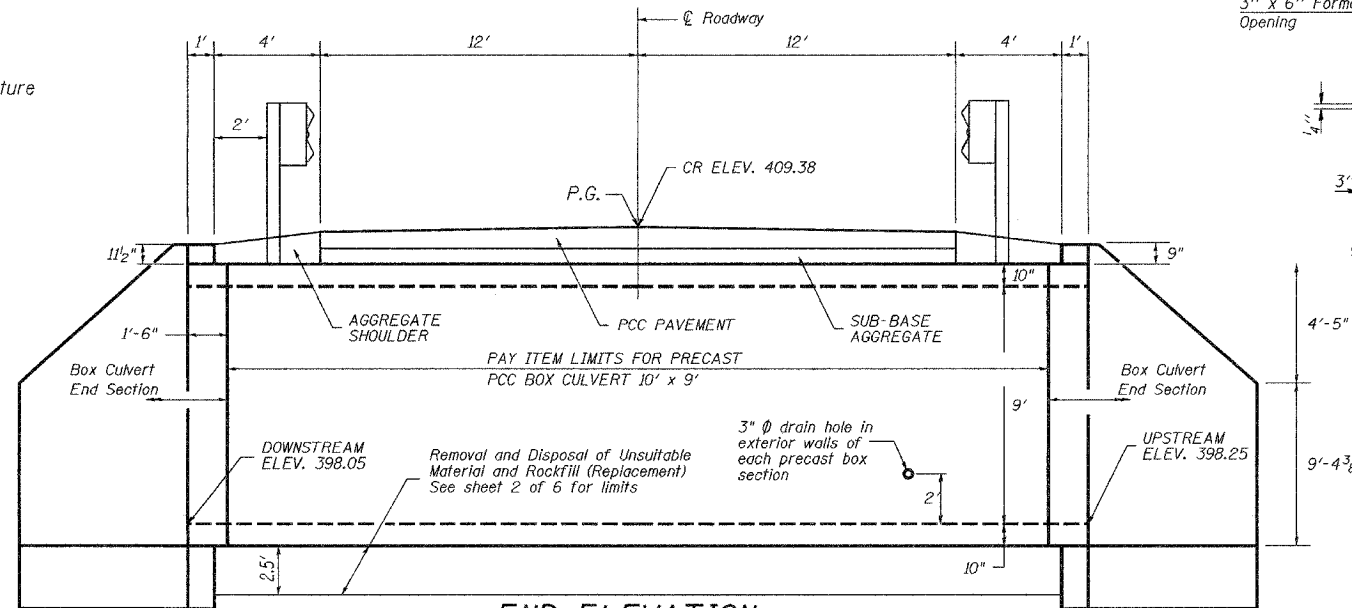
f'_c = 5,000 psi
 f_y = 65,000 psi (welded wire fabric)



Expires 11-30-08

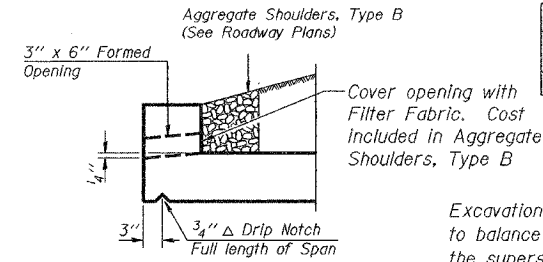
DESIGNED	D. Greifzu
CHECKED	S. Ryan
DRAWN	D. Greifzu
CHECKED	S. Ryan

October 10, 2007
EXAMINED
PASSED
ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES

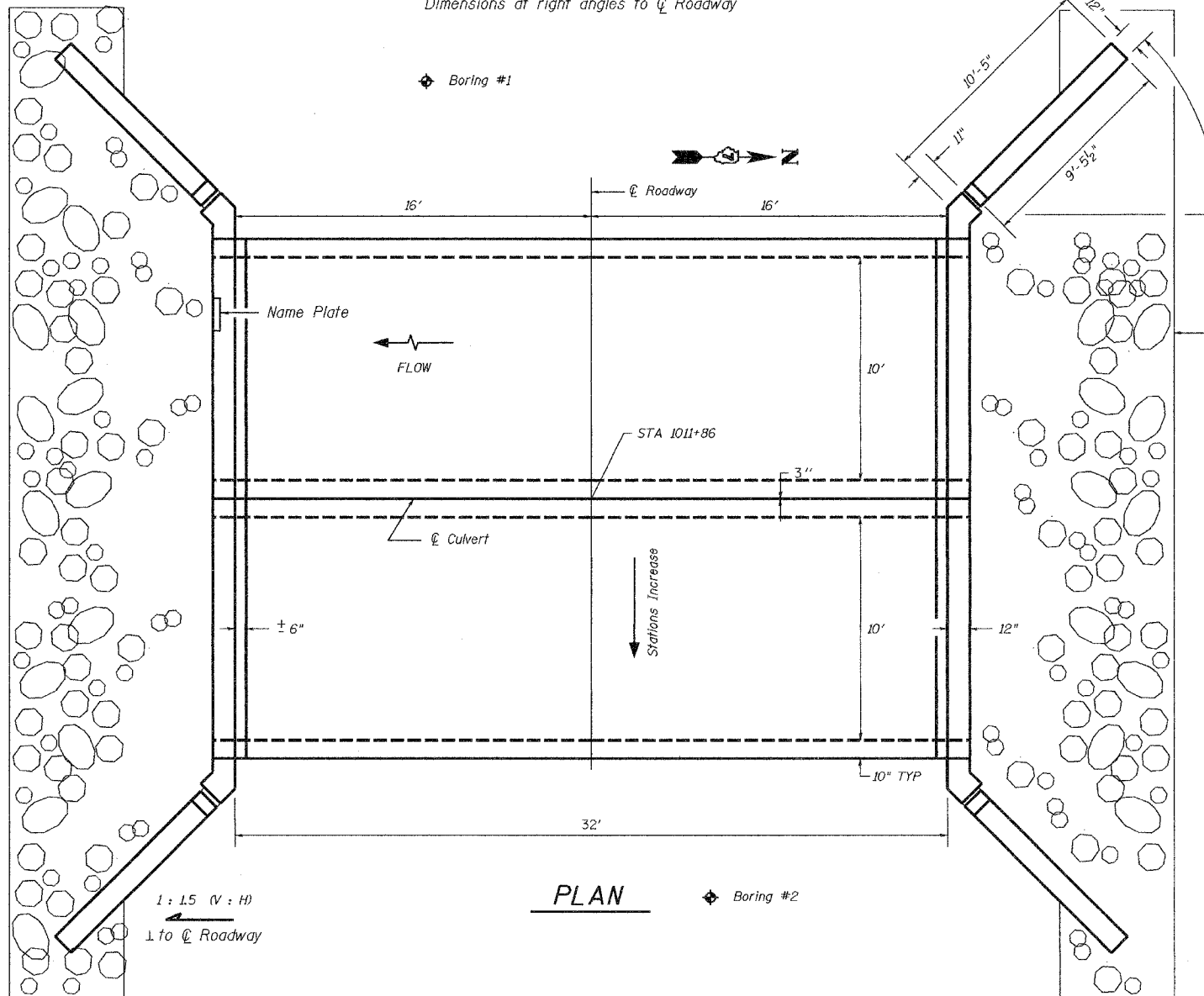


END ELEVATION

Dimensions at right angles to \varnothing Roadway



DRAIN DETAIL



PLAN

Boring #2

ROUTE 15B	SECTION (17C)B	COUNTY WAYNE	TOTAL SHEETS 17	SHEET 7	SHEET NO. 1 6 SHEET
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CONTRACT NO. 74092

General Notes

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

Build tops of headwalls parallel to profile grade.

Reinforcement bars shall conform to the requirements of ASTM A706 Gr 60 (IL Modified). See Special Provisions.

The design fill height for the precast boxes is less than 2 feet.

The welded wire fabric extending from the outside face of the vertical walls of the precast box sections shall be 2x3 W4.5 x W4.0 or equivalent. Substitution of reinforcement bar for welded wire fabric is not allowed.

For End Section only, 1/2" cover unless otherwise noted.

The ends of the the precast box sections adjacent to the end section shall be formed without the male and female shapes specified in Article 8.1 of AASHTO M273. See Section D-D on sheet 4 of 6.

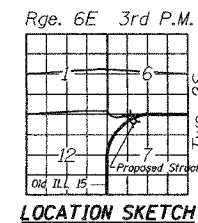
All portions of the precast box culverts in contact with cast-in-place concrete shall be sandblasted according to Article 503.09(b).

The box culvert end section shall be built in the field and a precast option is not allowed except the cut-off wall may be precast. If the contractor elects to use a precast cut-off wall, shop drawings and a proposed construction sequence shall be submitted to the Engineer for approval.

The joints between precast box sections shall be sealed and all void filled with a mastic joint sealer. In addition, the joints shall be externally sealed on all four sides with a 13 inch wide external sealing band. The seal shall be centered over the joint, secured in place and protected during the backfilling process.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	1
Removal and Disposal of Unsuitable Material	Cu. Yd.	100
Rockfill (Replacement)	Ton	246
Precast Concrete Box Culverts 10' x 9'	Foot	62
Box Culvert End Sections (Special)	Each	2
Name Plates	Each	1
Stone Riprap, Class A4	Sq. Yd.	94
Filter Fabric	Sq. Yd.	142
Porous Granular Embankment	Cu. Yd.	250



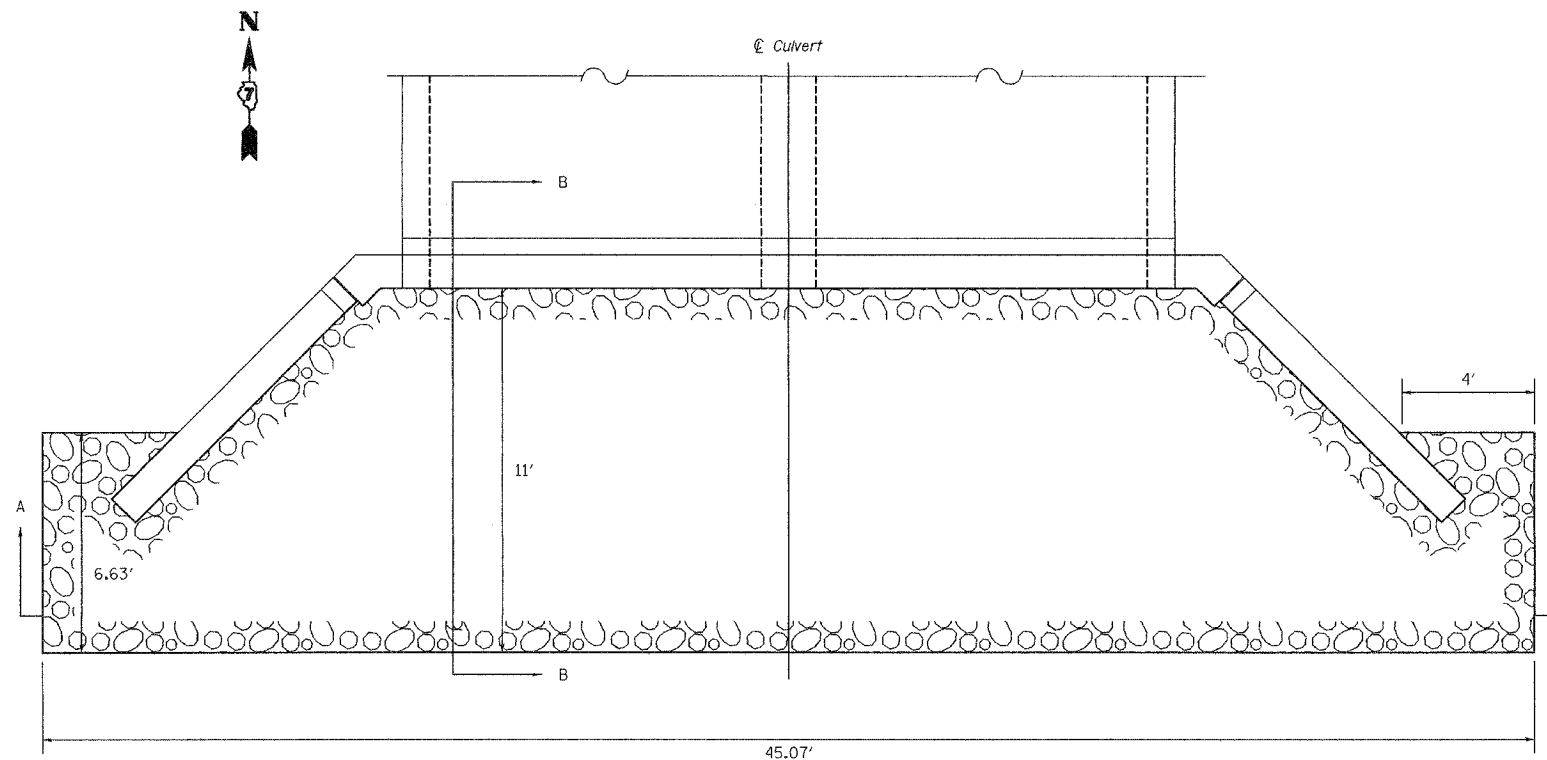
LOCATION SKETCH

GENERAL PLAN AND ELEVATION
DOUBLE 10'x9' PRECAST BOX CULVERT
SBI ROUTE 15B - SECTION (17C)B
WAYNE COUNTY
STATION 1011+86.00
STRUCTURE NO. 096-2009

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SBI Rt. 15B	(17C)B	WAYNE	17	8
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

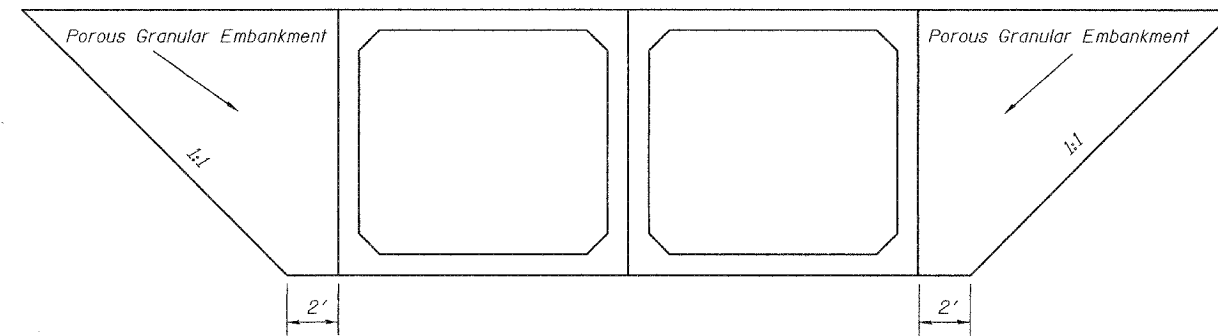
SHEET NO. 2
6 SHEET

CONTRACT NO. 74092



PLAN

South end shown, North end similar

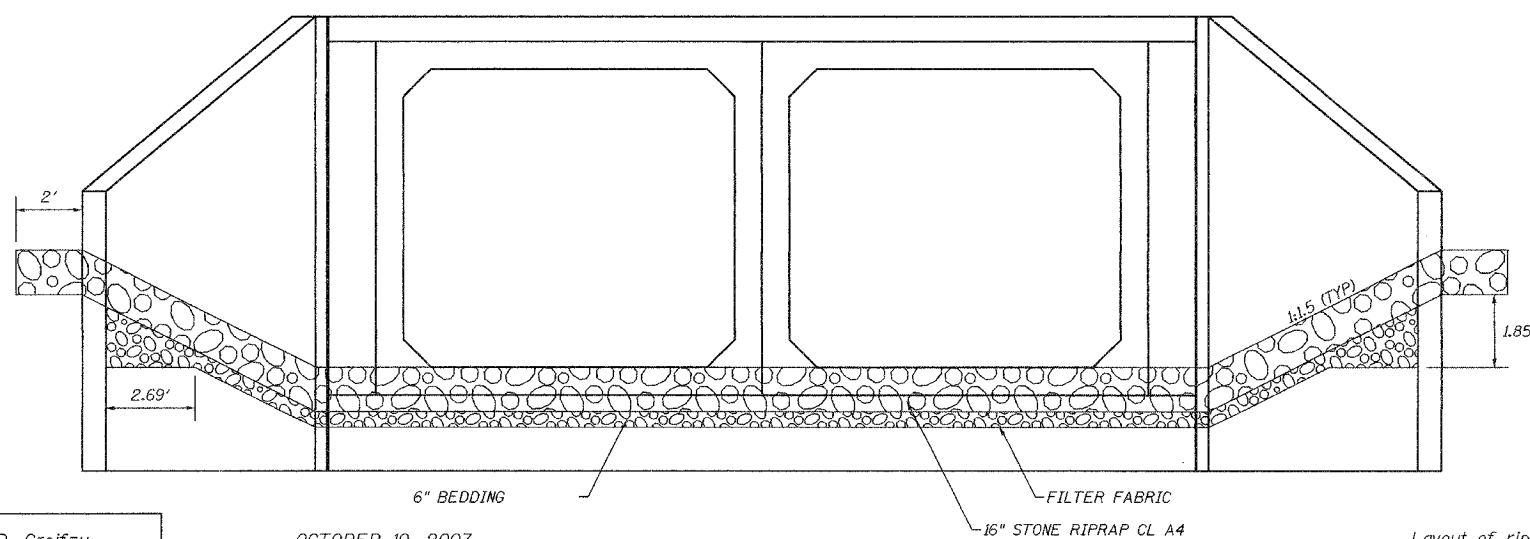


Limits of Porous Granular Embankment

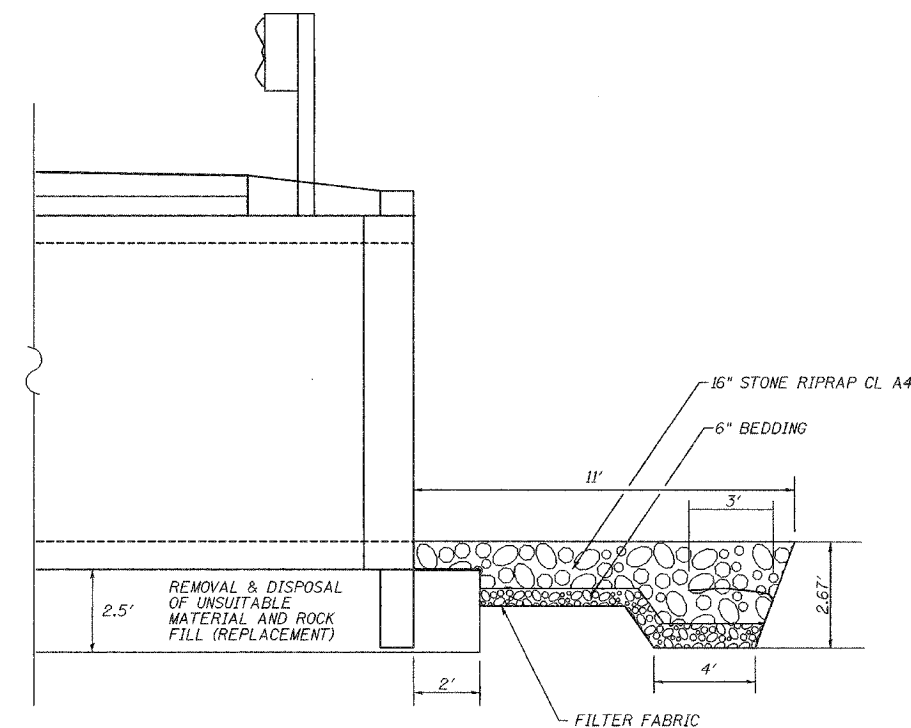
The limits shall be as shown above or as directed by the Engineer.

The granular material shall be compacted according to Article 205.06, or as directed by the Engineer.

That portion of the PGE outside the aggregate shoulders and behind the end section wingwalls shall be covered with a minimum of 1 foot of cohesive material as directed by the Engineer. Cost included with Porous Granular Embankment.



SECTION A-A



SECTION B-B

NOTES

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

The limits of Removal and Disposal of Unsuitable Material and Rockfill (Replacement) shall be, in plan view, two feet outside the limits of the proposed box culvert and collar and in the vertical direction, as shown in Section B-B.

DESIGNED	D. Greifzu
CHECKED	S. Ryan
DRAWN	D. Greifzu
CHECKED	S. Ryan

OCTOBER 10, 2007
 EXAMINED *Thomas J. Domagalaki*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

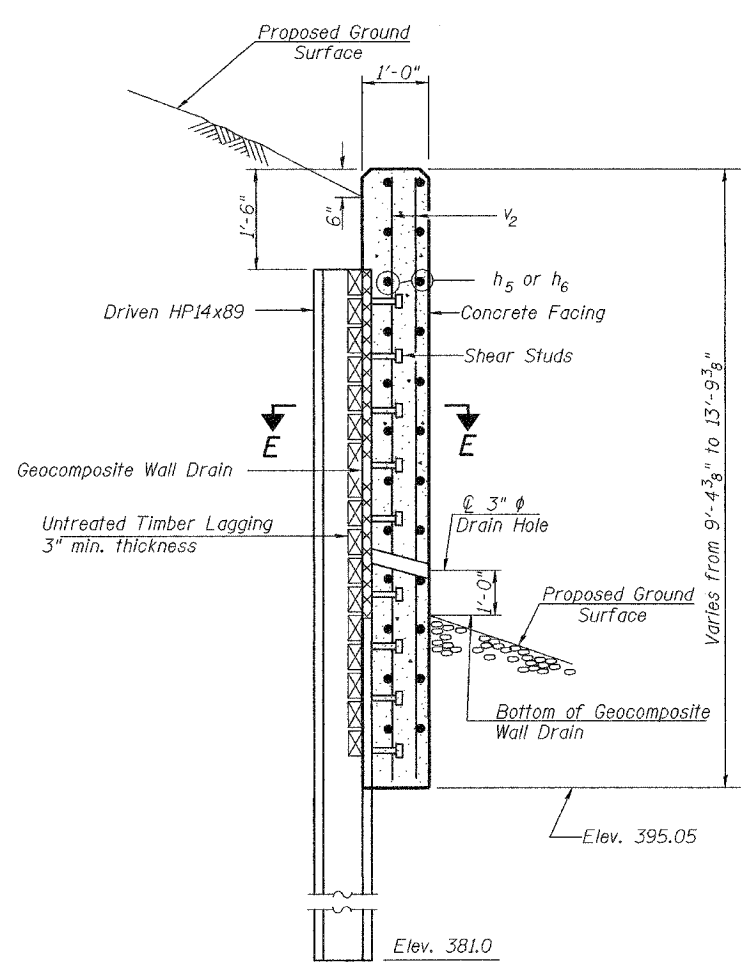
RIPRAP DETAILS
SBI ROUTE 15B - SECTION (17C)B
WAYNE COUNTY
STATION 1011+86.00
STRUCTURE NO. 096-2009

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

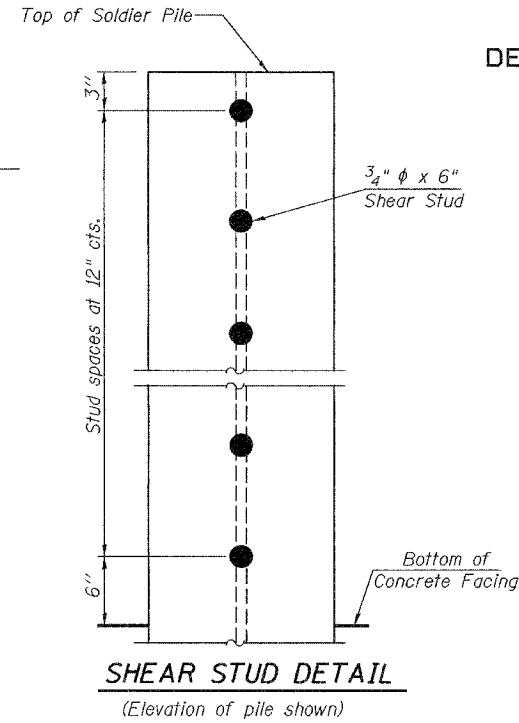
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SBI RT+ 15B	(17C)B	WAYNE	17	10
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 4
6 SHEET

CONTRACT NO. T4092

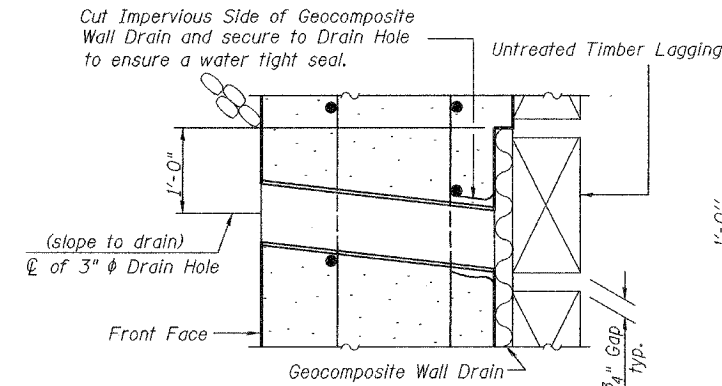


SECTION THRU WALL

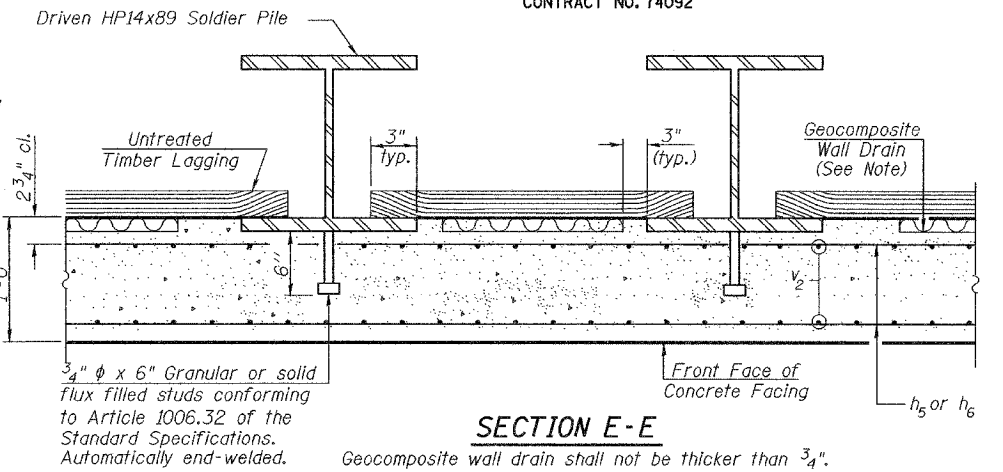


SHEAR STUD DETAIL

(Elevation of pile shown)

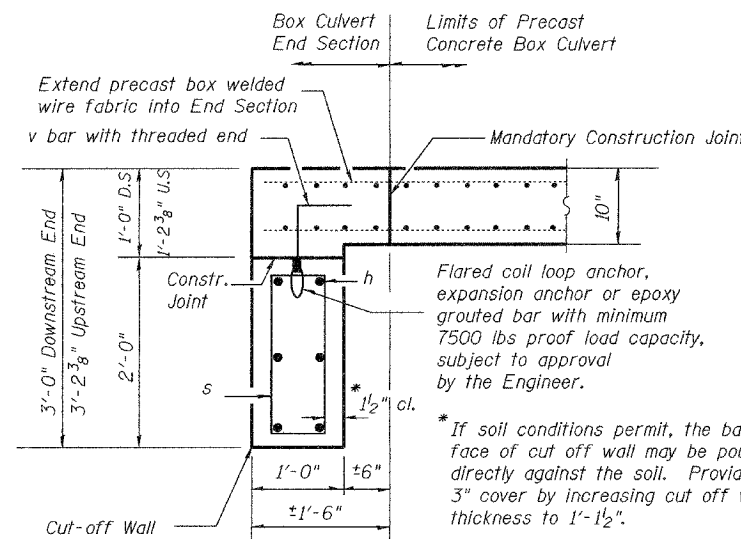


WINGWALL DRAIN HOLE DRAIN DETAIL

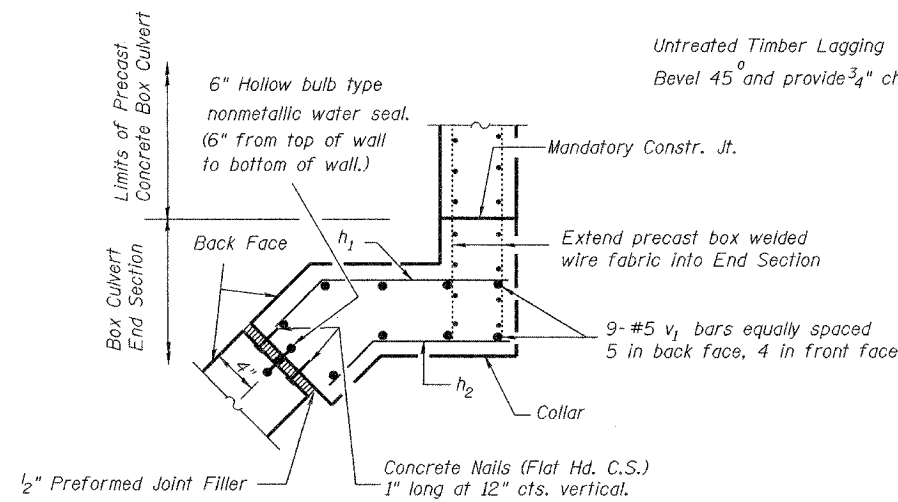


SECTION E-E

Geocomposite wall drain shall not be thicker than 3/4".



SECTION A-A



SECTION B-B

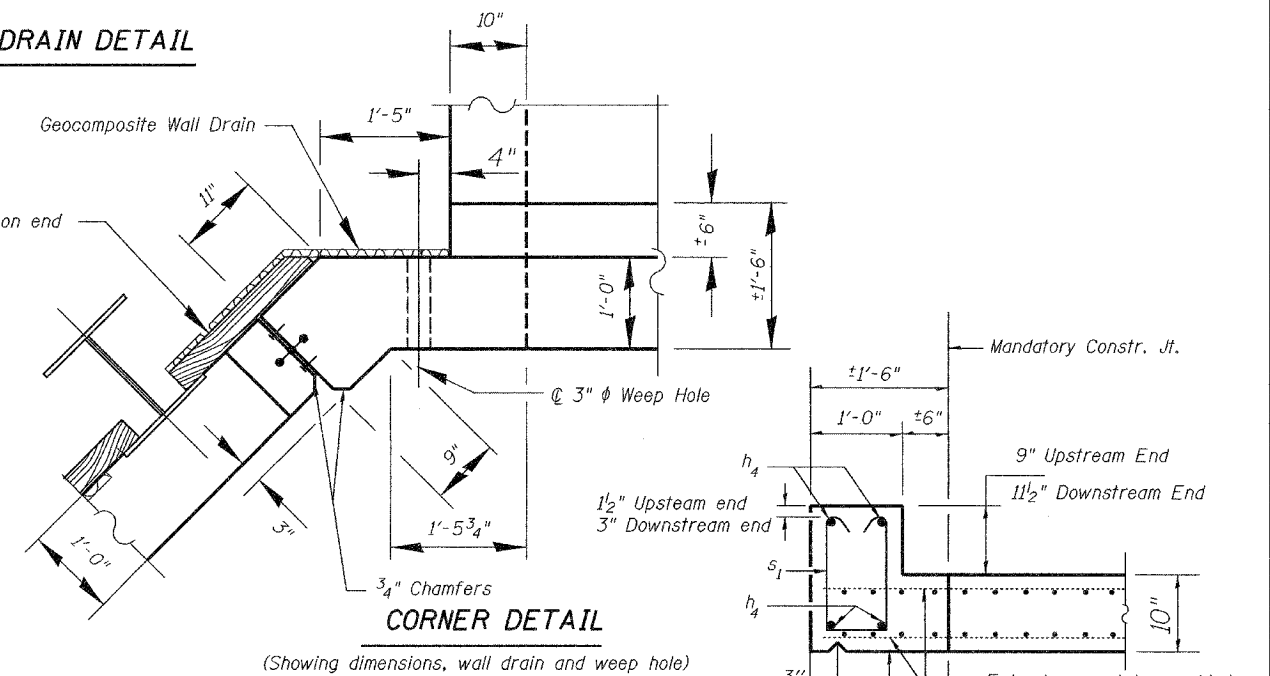
(Showing reinforcement and seal)

SEQUENCE OF WALL CONSTRUCTION

1. Build the cut-off wall
2. Place precast box sections
3. Drive soldier piles (may be driven prior to placing the boxes)
4. Install Untreated Timber Lagging
5. Place Geocomposite Wall Drain
6. Place and compact backfill behind wall
7. Install Stud Shear Connectors
8. Form concrete face and place rebar
9. Cast concrete face
10. Remove temporary soldier pile and associated timber lagging.
11. Place remainder of backfill to proposed finished ground surface in front and back of wall.

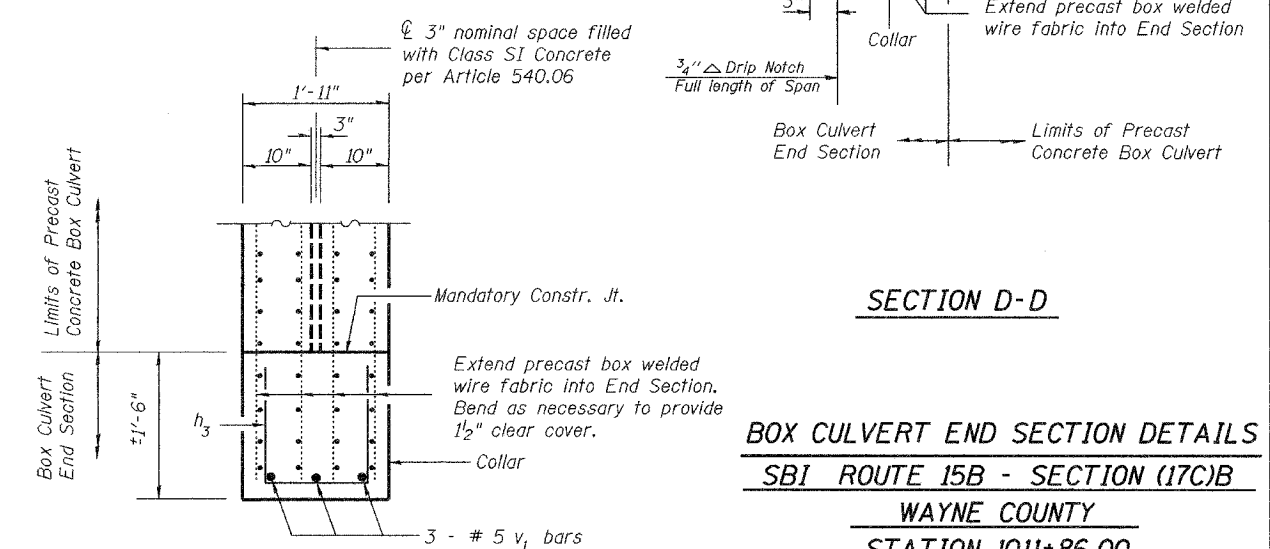
DESIGNED	D. Greifzu
CHECKED	S. Ryan
DRAWN	D. Greifzu
CHECKED	S. Ryan

OCTOBER 10, 2007
EXAMINED *Thomas J. Domagala*
PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES



CORNER DETAIL

(Showing dimensions, wall drain and weep hole)



SECTION C-C

Tilt or adjust h₃ bar as necessary to fit

SECTION D-D

BOX CULVERT END SECTION DETAILS

SBI ROUTE 15B - SECTION (17C)B
WAYNE COUNTY
STATION 1011+86.00
STRUCTURE NO. 096-2009

ROUTE NO.	SECTION	COUNTY	DISTRICT	SHEET NO.
SBI Rt. 15B	(17C)B	WAYNE	17	11
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 5
6 SHEET

NOTES

CONTRACT NO. 74092

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.

Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length.

All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.

Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

- ① Minimum Capacity (Tension in kips) = $1.25 \times f_y \times A_t$
 - ② Minimum *Pull-out Strength (Tension in kips) = $0.66 \times f_y \times A_t$
- Where f_y = Yield strength of lapped reinforcement bars in ksi.
 A_t = Tensile stress area of lapped reinforcement bars.
 * = 28 day concrete

Bar Splicer for #5 bar	
Min. Capacity =	23.0 kips - tension
Min. Pull-out Strength =	12.3 kips - tension
No. Required =	36

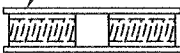
The diameter of this part is equal or larger than the diameter of bar spliced.
 The diameter of this part is the same as the diameter of the bar spliced.

ROLLED THREAD DOWEL BAR

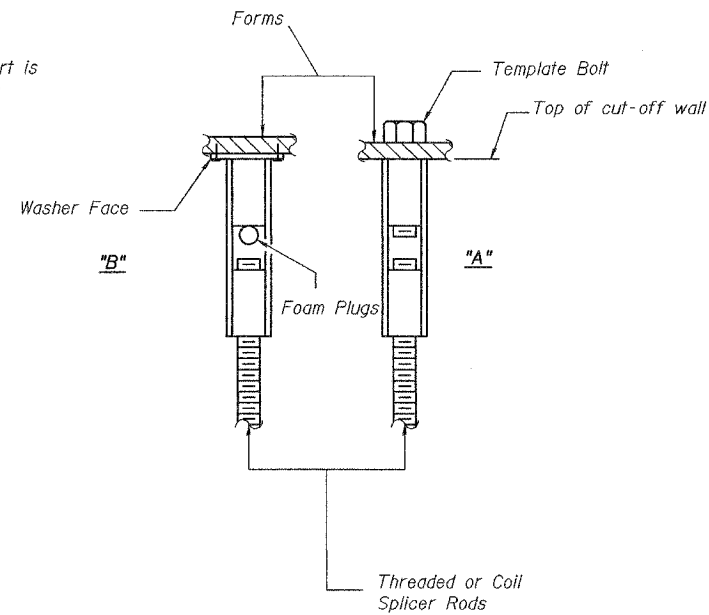


**** ONE PIECE**

Wire Connector



WELDED SECTIONS

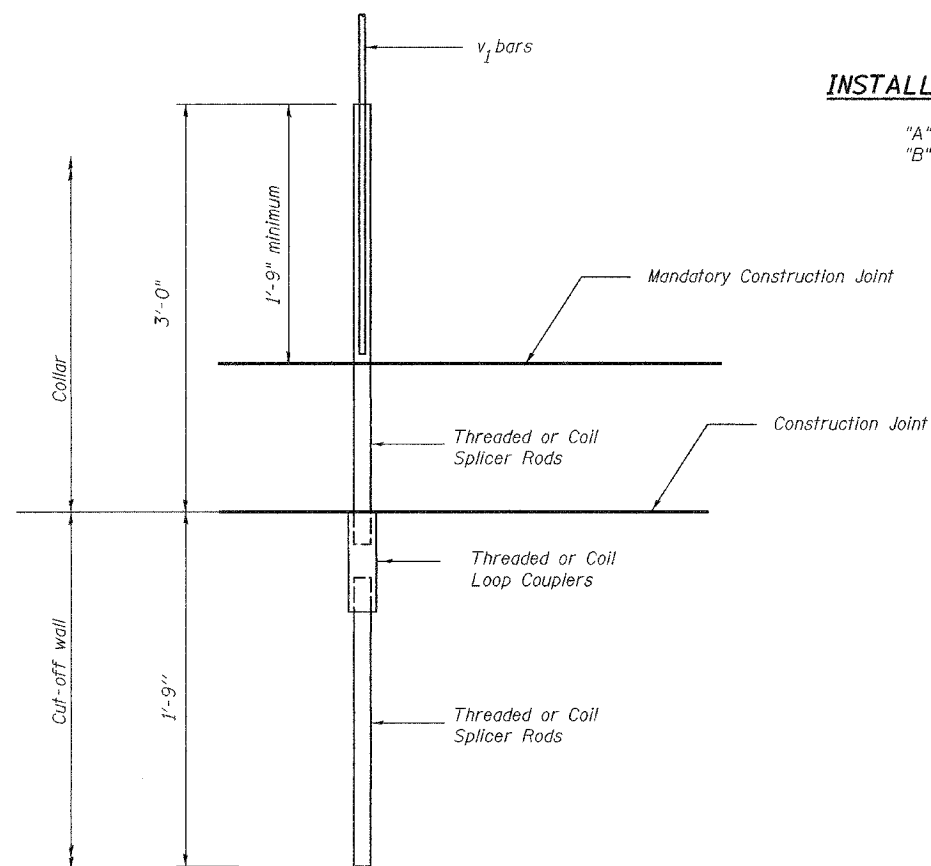


BAR SPLICER ASSEMBLY ALTERNATIVES

** Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.

INSTALLATION AND SETTING METHODS

"A" Set bar splicer assembly by means of a template bolt.
 "B" Set bar splicer assembly by nailing to wood forms or cementing to steel forms.



FOR BOX CULVERT END SECTIONS

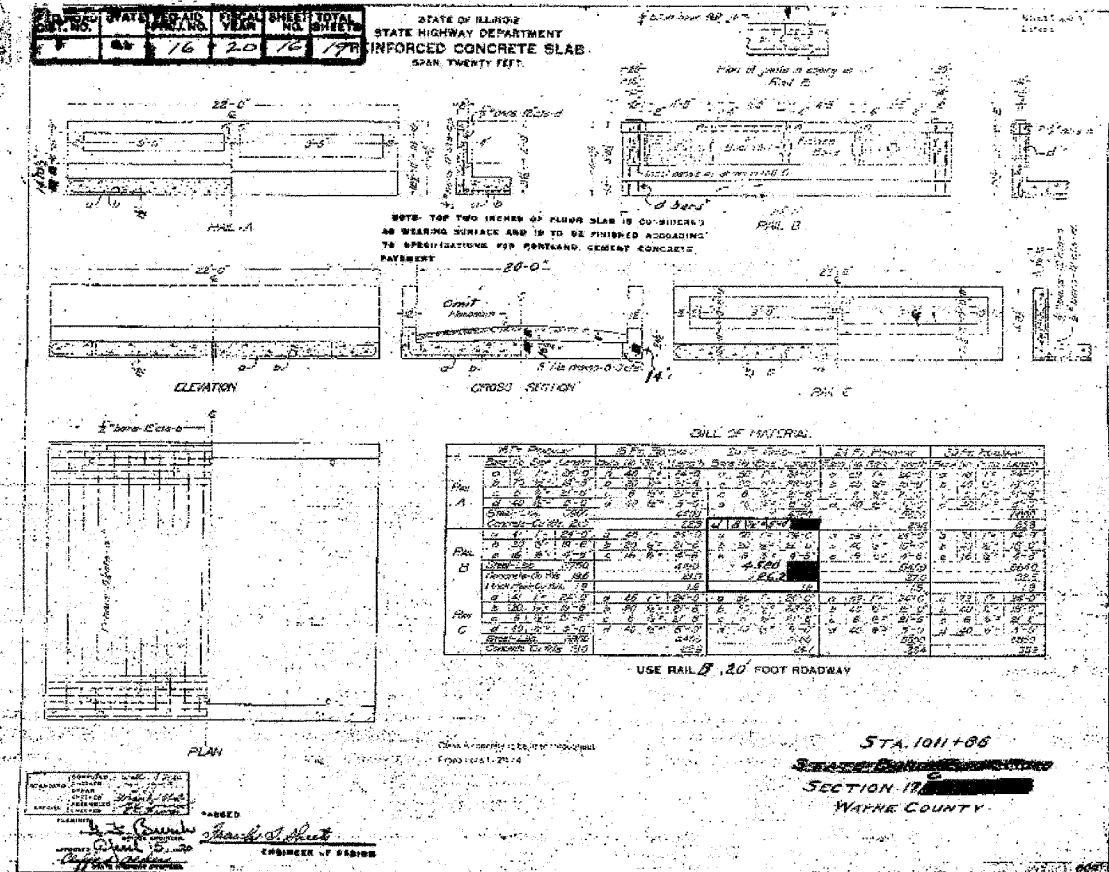
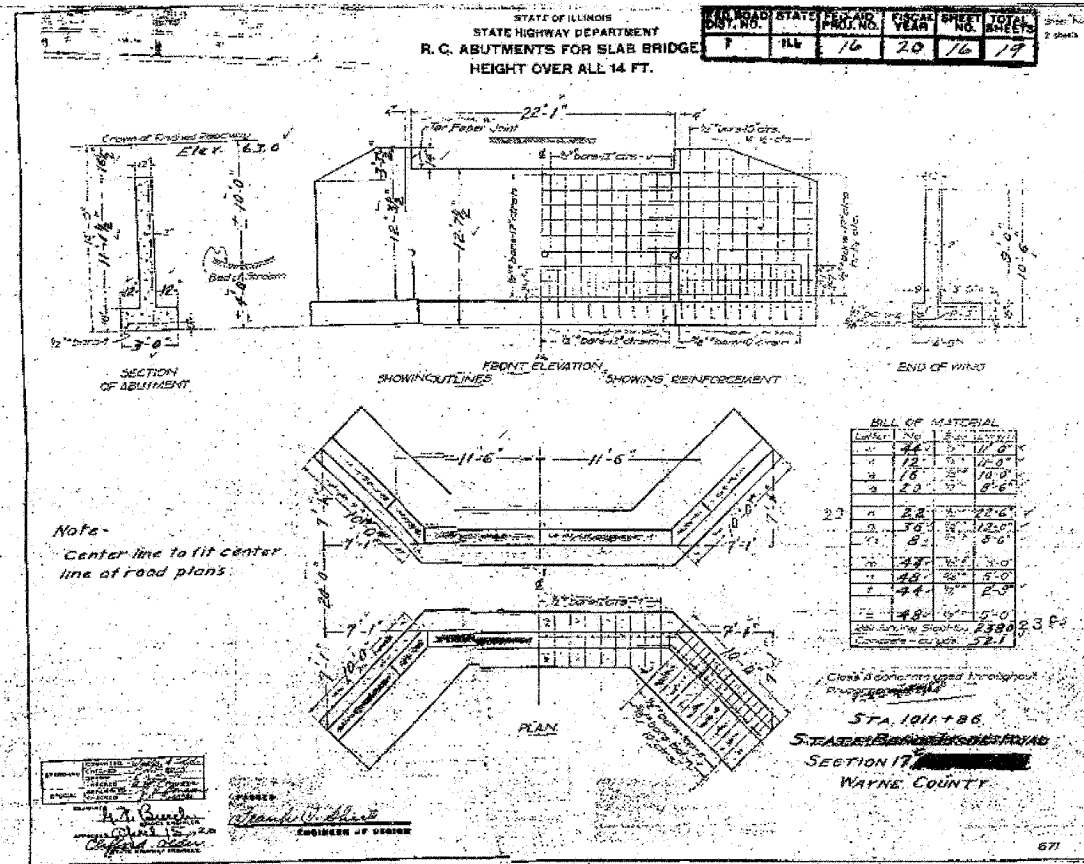
DESIGNED	D. Greifzu
CHECKED	S. Ryan
DRAWN	D. Greifzu
CHECKED	S. Ryan

OCTOBER 10, 2007
 EXAMINED *Thomas J. Demagaki*
 PASSED *Ralph E. Anderson*
PROFESSOR OF BRIDGE DESIGN
 ENGINEER OF BRIDGES AND STRUCTURES

BAR SPLICER ASSEMBLY DETAILS
SBI ROUTE 15B - SECTION (17C)B
WAYNE COUNTY
STATION 1011+86.00
STRUCTURE NO. 096-2009

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SBI RT. 15B	(17C)B	WAYNE	17	12a
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

CONTRACT NO. 74092



DESIGNED	D. Greifzu
CHECKED	S. Ryan
DRAWN	D. Greifzu
CHECKED	S. Ryan

OCTOBER 10, 2007

EXAMINED *Thomas J. Domagalaki*
ENGINEER OF BRIDGE DESIGN

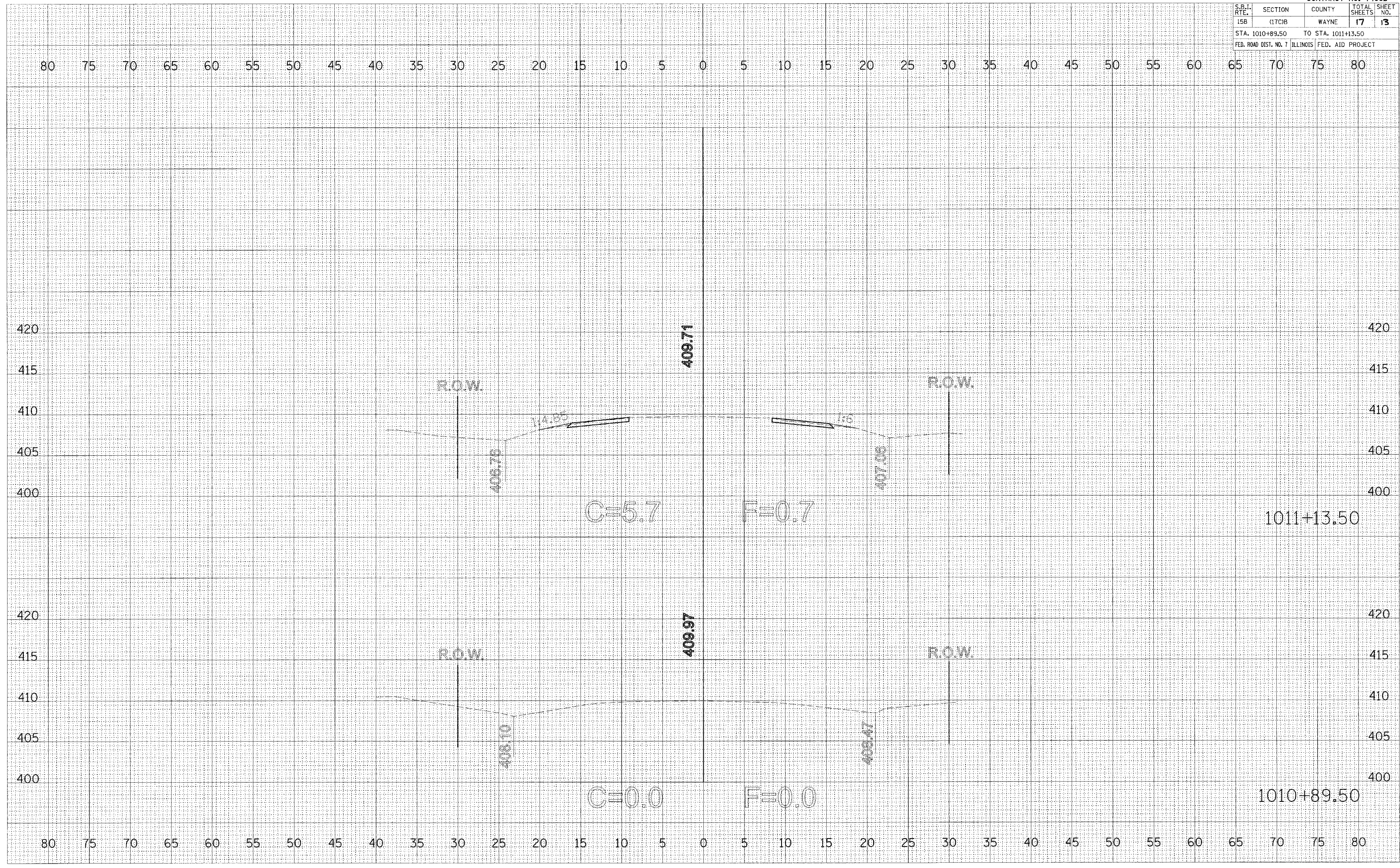
PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGES AND STRUCTURES

EXISTING PLANS
SBI ROUTE 15B - SECTION (17C)B
WAYNE COUNTY
STATION 1011+86.00
STRUCTURE NO. 096-2009

CONTRACT NO. 74092				
S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15B	(17C)B	WAYNE	17	13
STA. 1010+89.50		TO STA. 1011+13.50		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISION	
NO.	
DESCRIPTION	
DATE	
BY	
REVISION	
NO.	
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DESCRIPTION	



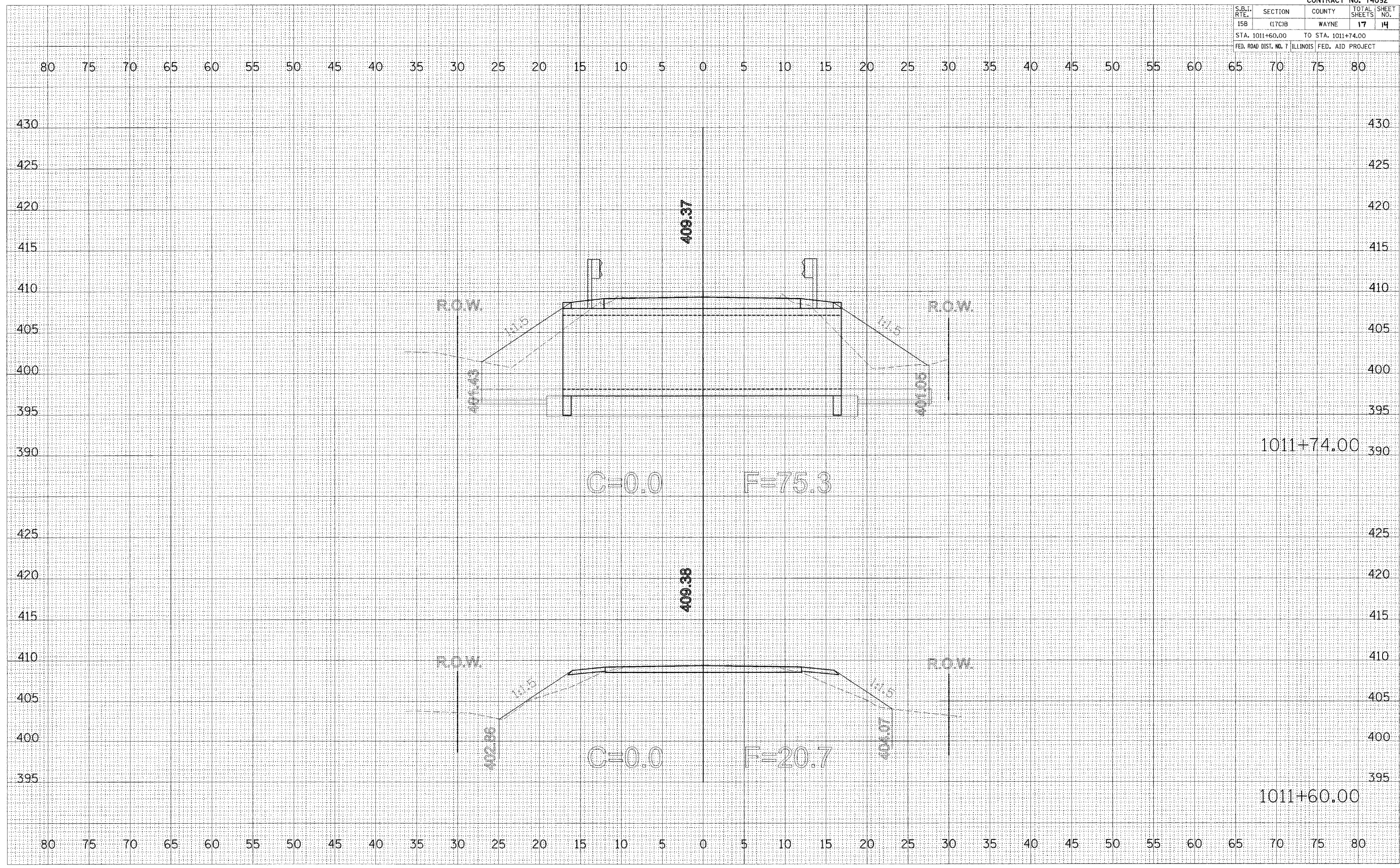
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 USER NAME = burmanbj

S.B.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15B	(17C)B	WAYNE	17	14
STA. 1011+60.00 TO STA. 1011+74.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

DATE
BY
SURVEY
NOTE BOOK
NO.

DATE
BY
SURVEY
NOTE BOOK
NO.

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PLOT SCALE = 1/8" = 1'-0"
USER NAME = barmenb



R.O.W.

R.O.W.

401.43

401.05

409.37

C=0.0

F=75.3

1011+74.00

R.O.W.

R.O.W.

402.86

406.07

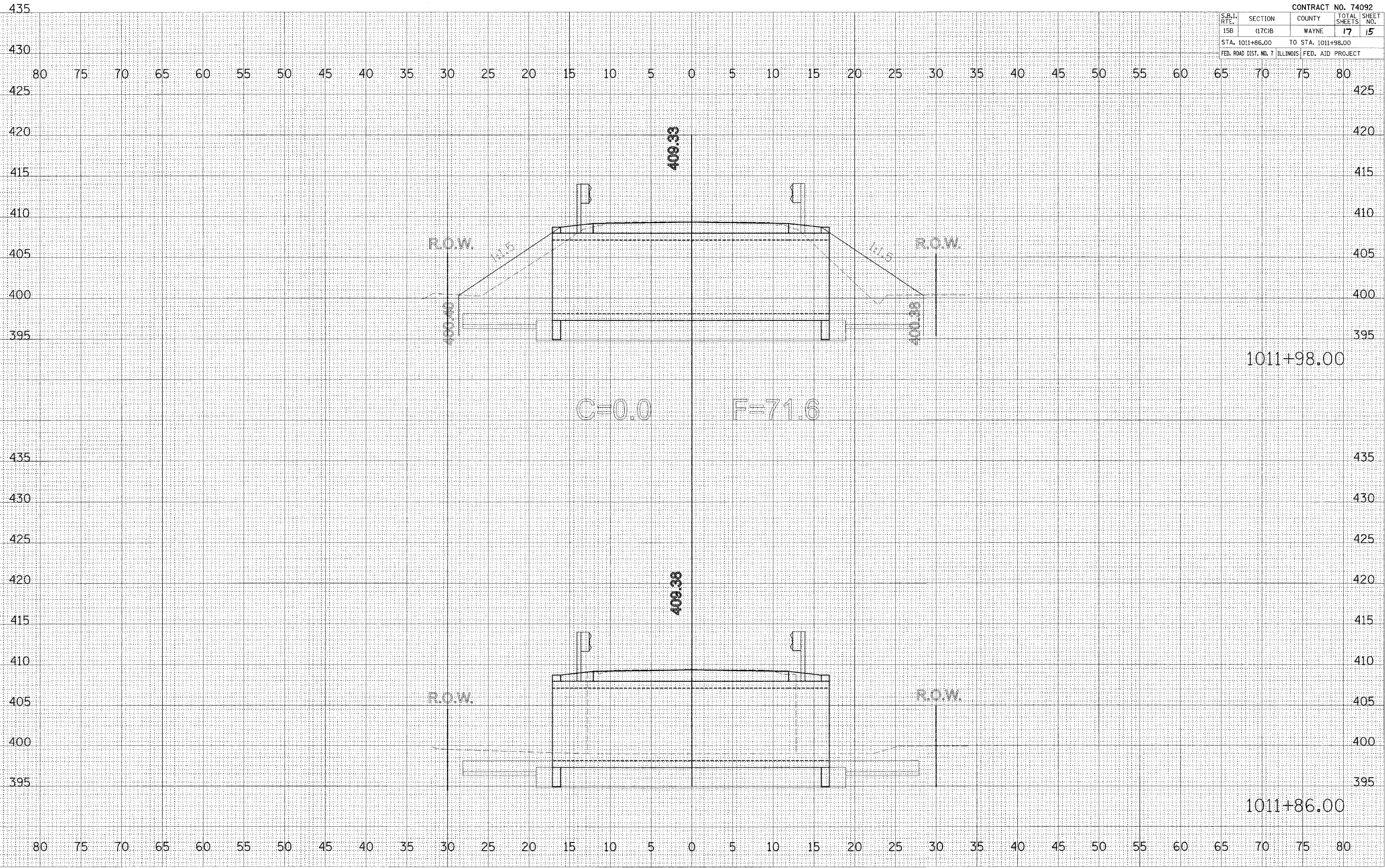
409.38

C=0.0

F=20.7

1011+60.00

S.B.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15B	(17C)B	WAYNE	17	15
STA. 1011+86.00		TO STA. 1011+98.00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



DATE
BY
SURVEYED
PLANNED
FINAL
SURVEY
TEMPLATE
NOTE BOOK
AREAS
CHECKED

DATE
BY
ORIGINAL
SURVEY
TEMPLATE
AREAS
CHECKED

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S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15B	(17C)B	WAYNE	17	16
STA. 1012+12.00		TO STA. 1012+58.50		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

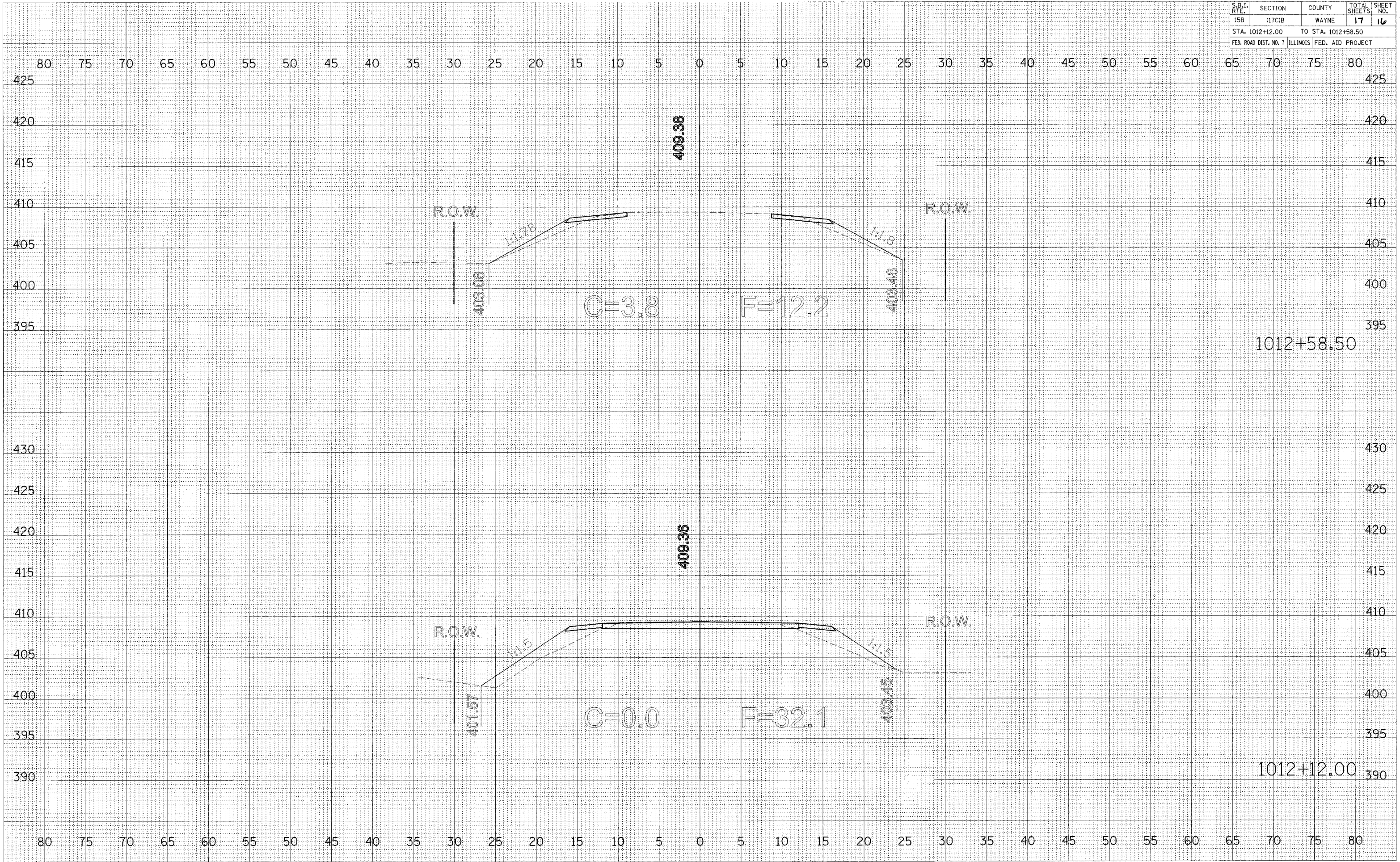
DATE	BY

FINAL SURVEY
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NOTE BOOK NO.: _____
TEMPLATE NO.: _____
AREAS CHECKED: _____

DATE	BY

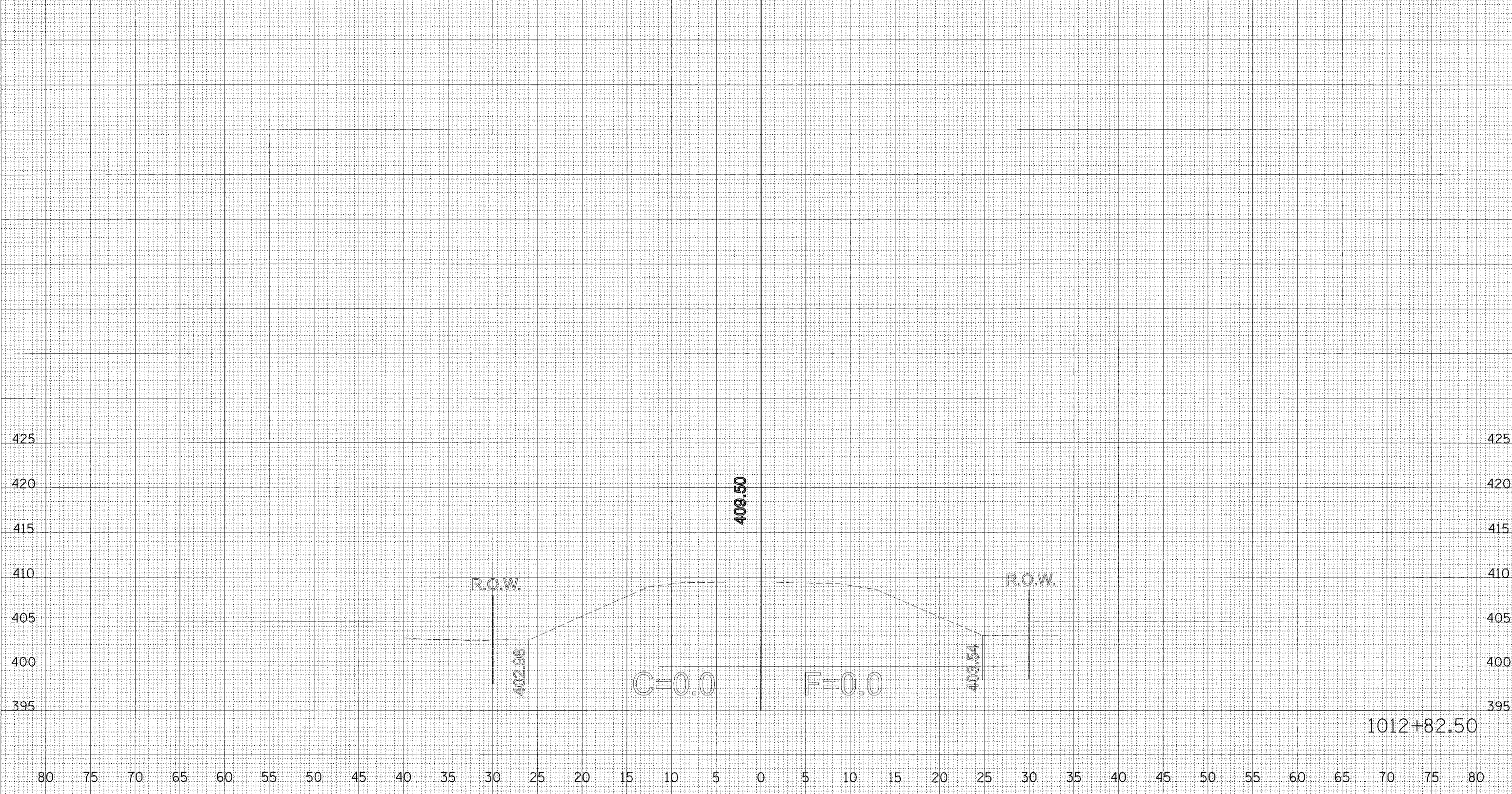
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S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15B	(17C)B	WAYNE	17	17
STA. 1012+82.50 TO STA. 1012+82.50			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	

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



FINAL SURVEY BY DATE
NOTE BOOK NO.
AREAS CHECKED

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1012+82.50