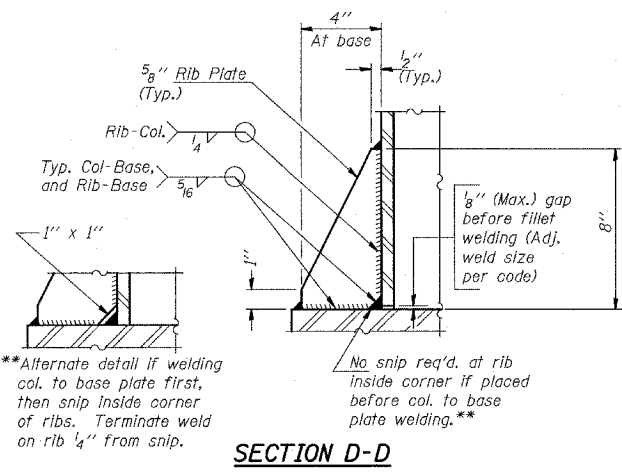
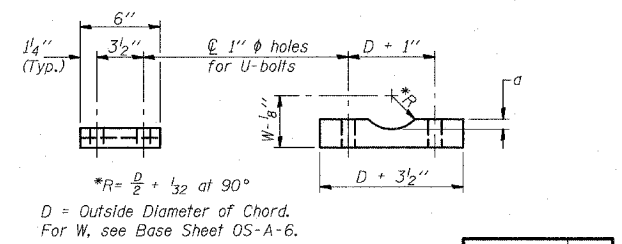


**SECTION B-B**



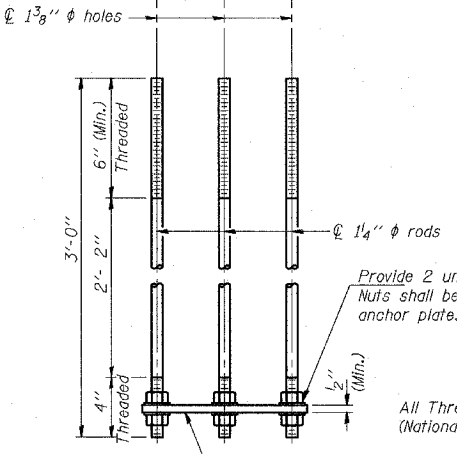
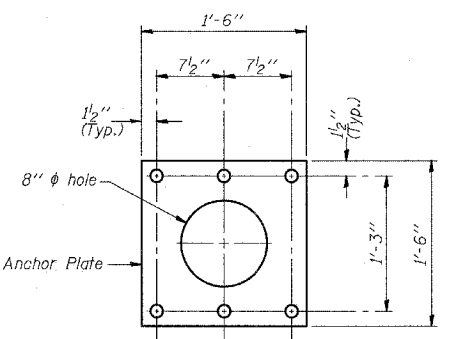
**SECTION D-D**



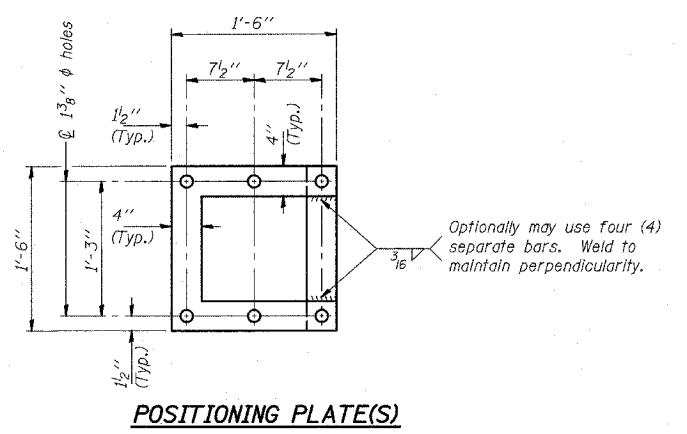
**SADDLE SHIM DETAIL**

ASTM B26 Alloy 356-F  
or  
ASTM B209 Alloy 6061-T651  
(4 required per sign truss)

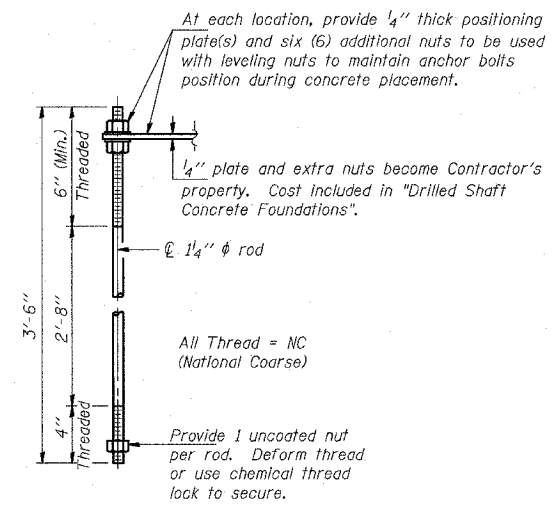
Truss Chord Nominal Dia.	a
5"	3/4"
5 1/2"	13/16"
6"	7/8"
6 1/2"	15/16"
7"	1"



**ANCHOR ROD DETAIL**  
Spread Footing Foundation



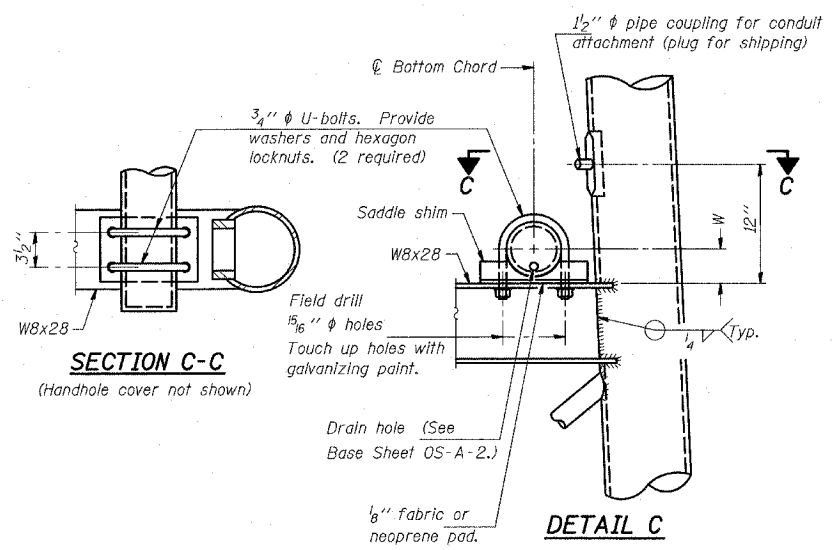
**POSITIONING PLATE(S)**



**ANCHOR ROD DETAIL**  
Drilled Shaft Foundation

Anchor rods shall conform to AASHTO M314 Grade 36 or 50 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12" per AASHTO M232. No welding shall be permitted on rods.

**10"  $\phi$  PIPE SUPPORT FRAME DETAILS**



**SECTION C-C**  
(Handhole cover not shown)

**DETAIL C**

NUMBER	REVISION	DATE

DESIGNED		20
CHECKED		
DRAWN		
CHECKED		

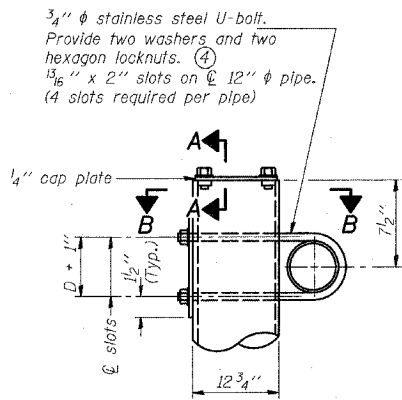
EXAMINED ENGINEER OF STRUCTURAL SERVICES  
PASSED ENGINEER OF BRIDGES AND STRUCTURES

OS-A-6A 11/1/2002

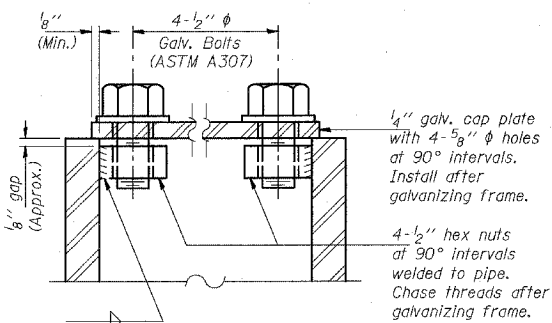
REVISIONS	
NAME	DATE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	702
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8		62694		

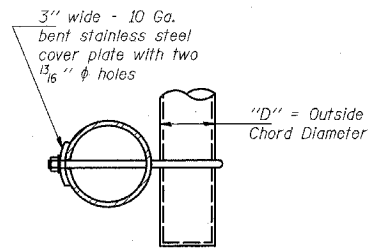


DETAIL A

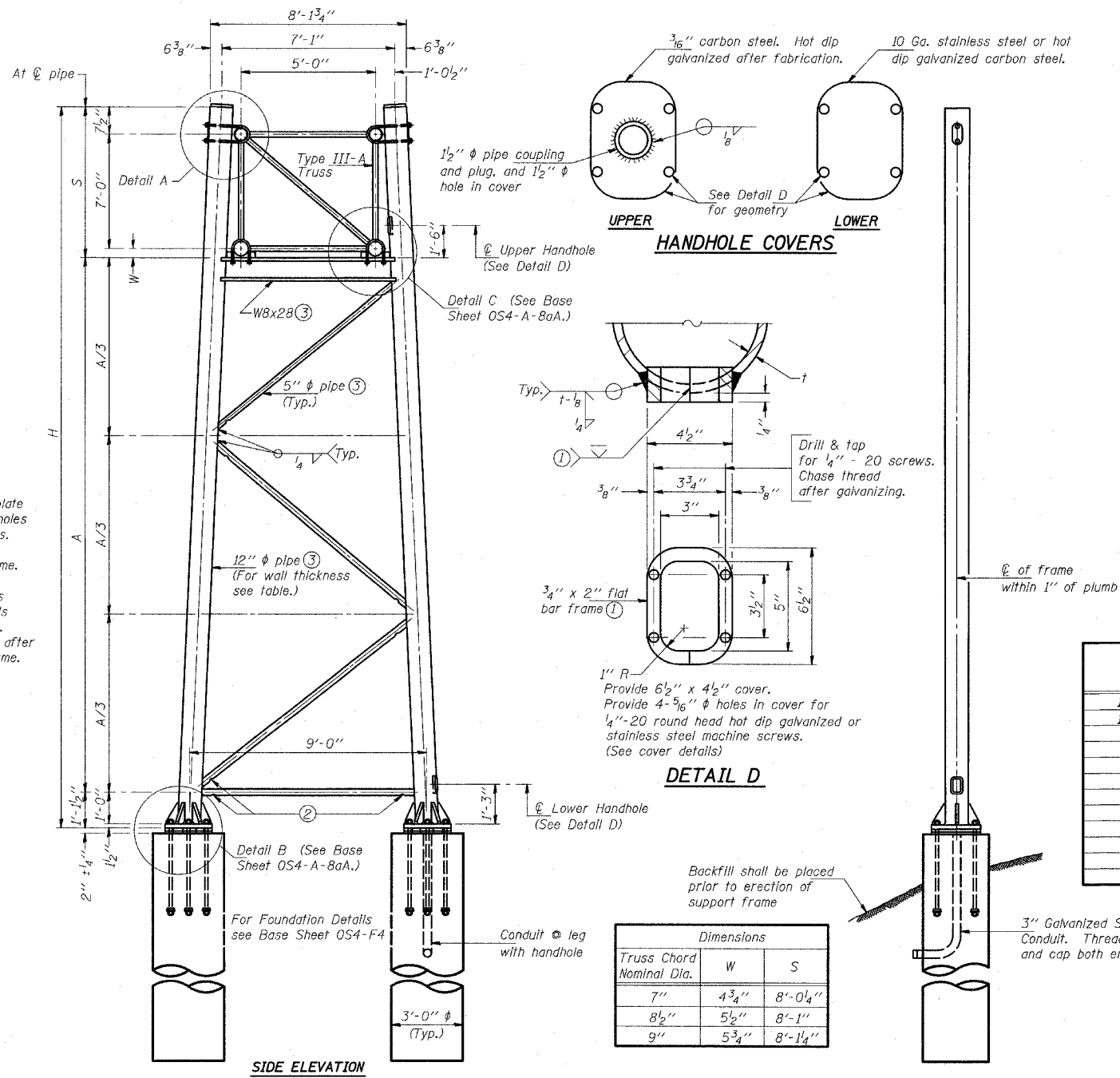


SECTION A-A

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



SECTION B-B



TRUSS SUPPORT DETAILS  
(12" Pipe-Type III-A Truss)

Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.  
Load combinations checked include deadload plus:  
a) 100% wind normal to sign, 20% parallel to sign  
b) 60% wind normal to sign, 30% parallel to sign

- In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500  $\sqrt{in}$  or less.
- Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred. (Typ.)
- Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- See General Notes for fasteners.
- Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.

Structure Number	Station	Support		Pipe Wall Thickness	H	A
		Left	Right			
ISO161094R061.3	2282+42	X		0.33"	24'	14.86'
ISO161094R061.3	2282+42		X	0.33"	18.5'	9.36'

DESIGNED -	20
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	

OS4-A-8a 11/1/2002

NUMBER	REVISION	DATE

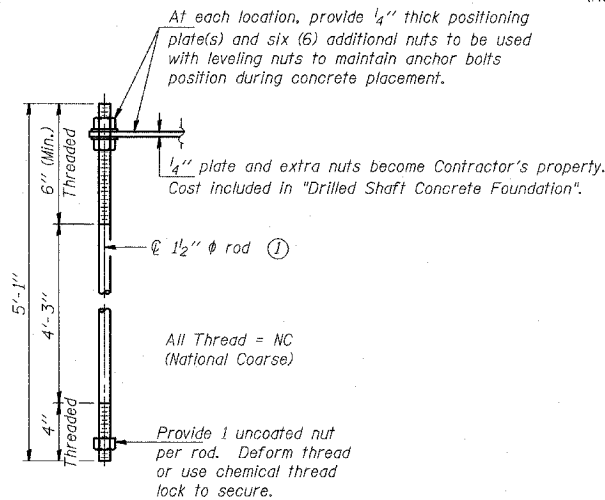
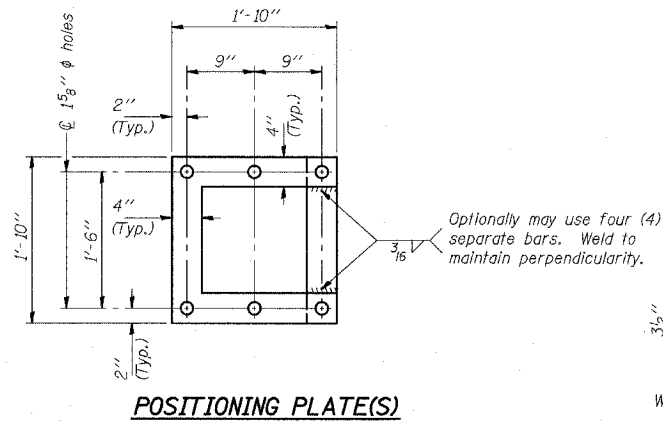
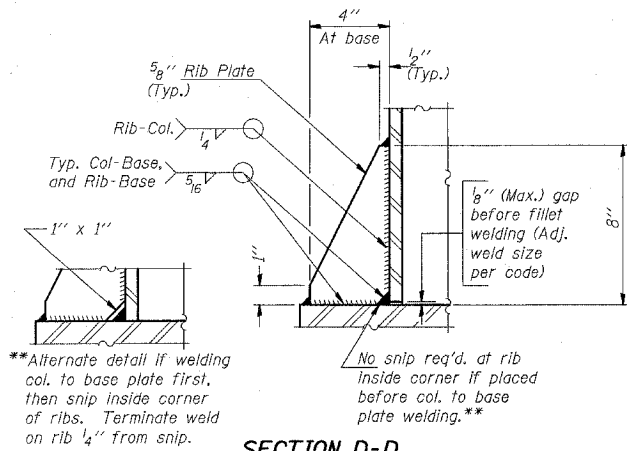
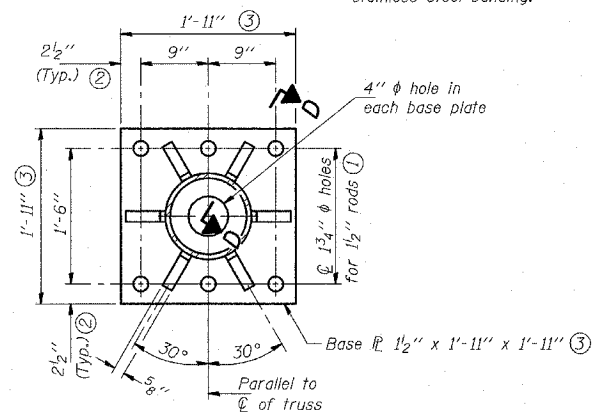
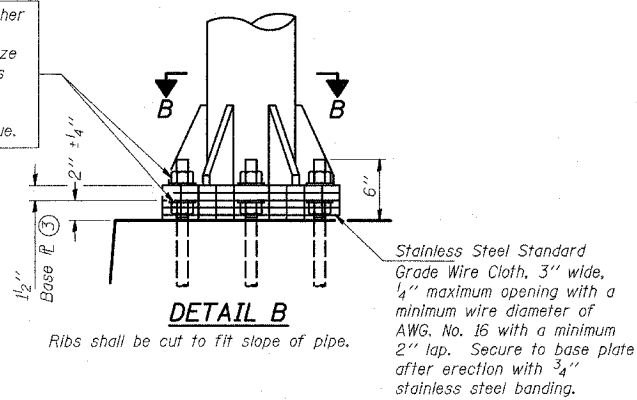
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
OVERHEAD SIGN STRUCTURES  
SUPPORT FRAME FOR TYPE III-A  
ALUMINUM TRUSS

SCALE: AS NOTED DRAWN BY: AMB  
DATE: MARCH 18, 2005 CHECKED BY: TB

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

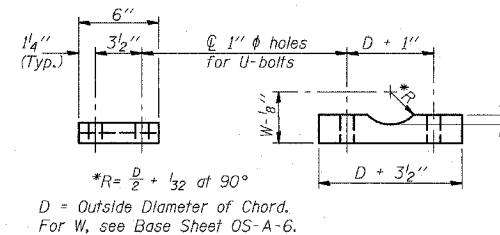
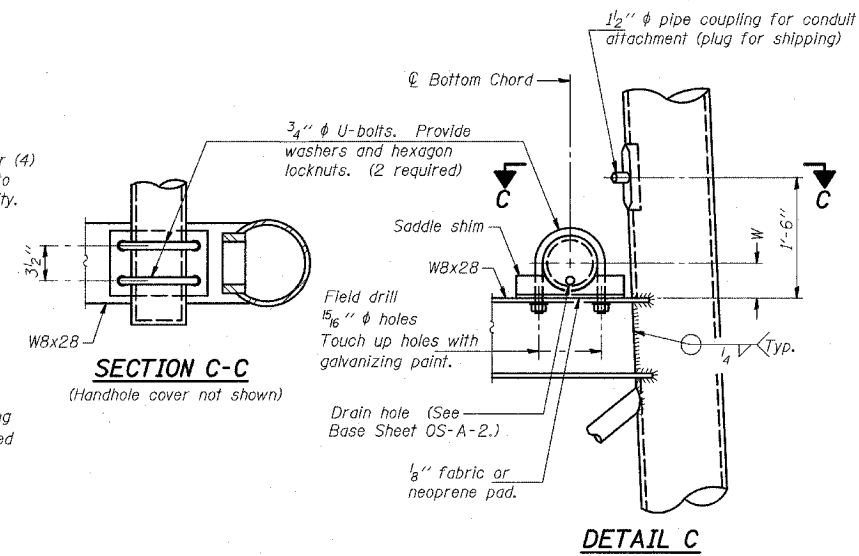
Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 200 lb.-ft. minimum torque.



**TYPE III-A TRUSS**  
**12"  $\phi$  PIPE SUPPORT FRAME DETAILS**

Notes: For Type III-A Truss spans greater than 150 ft. and up to 160 ft.:

- ① 1 3/4"  $\phi$  rod, 2"  $\phi$  holes
- ② 2 3/4" edge distance
- ③ Base  $\phi$  1 5/8" x 1'-11 1/2" x 1'-11 1/2"



Truss Chord Nominal Dia.	a
7"	1"
8 1/2"	1 1/4"
9"	1 3/8"

**SADDLE SHIM DETAIL**  
ASTM B26 Alloy 356-F  
or  
ASTM B209 Alloy 6061-T651  
(4 required per sign truss)

DESIGNED	
CHECKED	
DRAWN	
CHECKED	

EXAMINED	20
PASSED	ENGINEER OF STRUCTURAL SERVICES
	ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

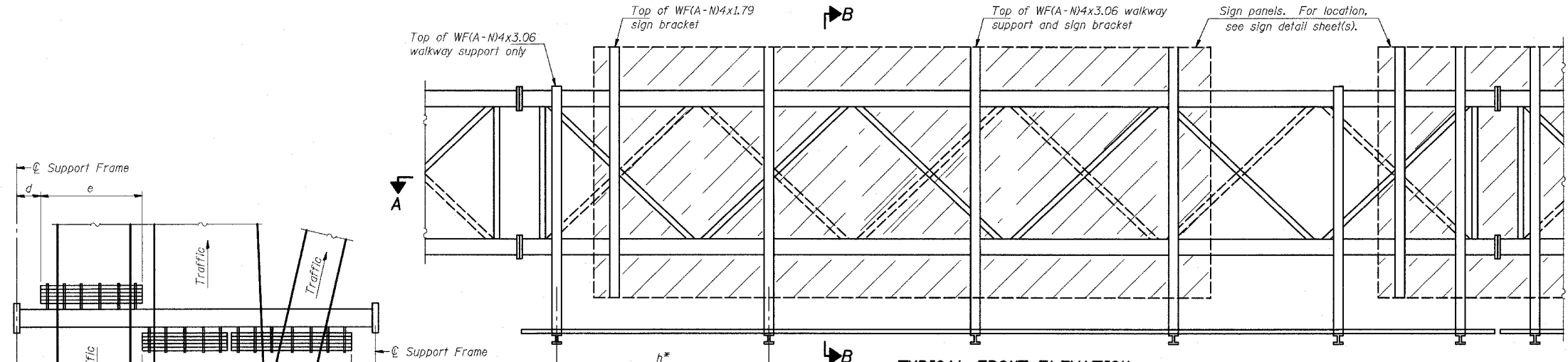
OS4-A-8aA 11/1/2002

REVISIONS	
NAME	DATE

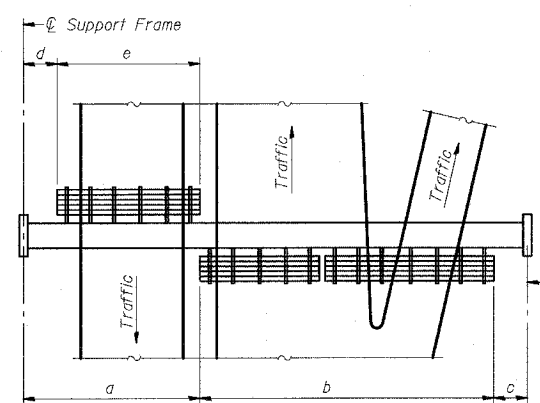
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
OVERHEAD SIGN STRUCTURES  
SUPPORT FRAME FOR TYPE III-A  
ALUMINUM TRUSS

SCALE: AS NOTED  
DATE: MARCH 18, 2005  
DRAWN BY: AMB  
CHECKED BY: TB

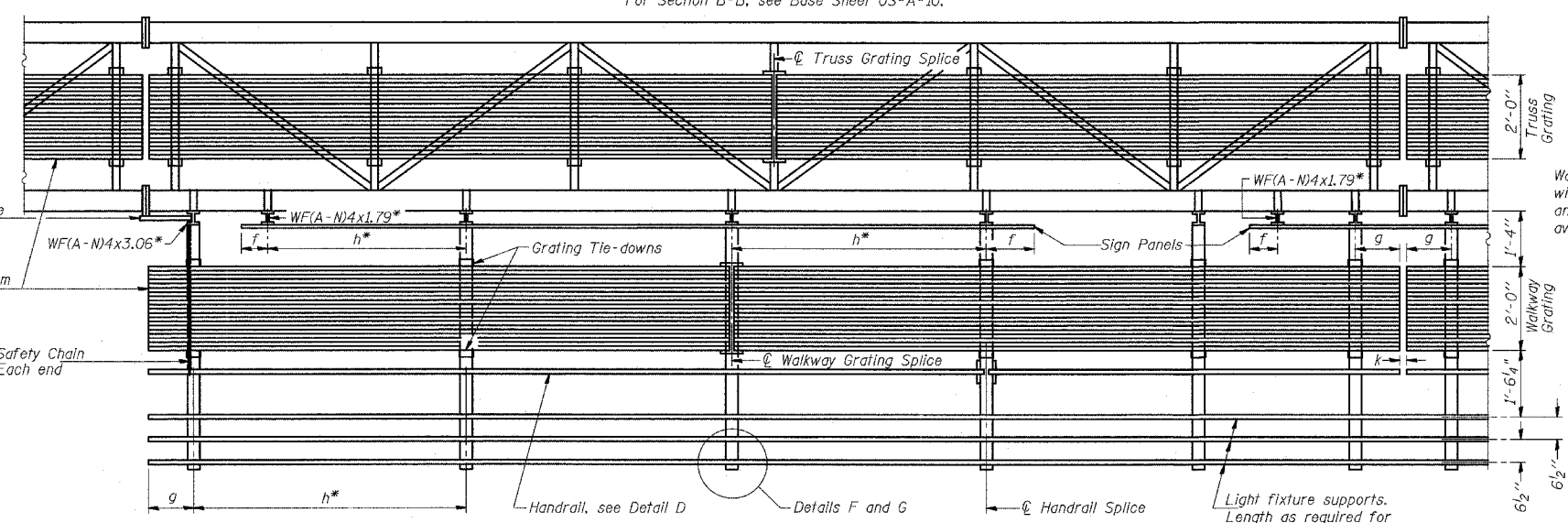
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**TYPICAL FRONT ELEVATION**  
With lights and handrail omitted for clarity.  
For Section B-B, see Base Sheet OS-A-10.



**PLAN WALKWAY AND HANDRAIL SKETCH**  
(Road plan beneath truss varies)



**SECTION A-A**

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Grating, handrail and light support splices placed as needed.

Truss grating to facilitate inspection shall run full length (center to center of support frames) ±12" on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

**BRACKET TABLE**

Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

Notes: \*Space walkway brackets WFA-N4x3.06 and sign brackets WFA-N4x1.79 for efficiency and within limits shown:

- f = 12" maximum, 4" minimum (End of sign to center of nearest bracket)
- g = 12" maximum, 4" minimum (End of walkway grating to center of nearest support bracket)
- h = 6'-0" maximum (center to center of sign and/or walkway support brackets, WFA-N4x1.79 or WFA-N4x3.06)
- k = 2" maximum gap between adjacent walkway grating sections and handrail ends

\*\*If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11.

For Details T and W, Section B-B and Grating Splice Details, see Base Sheet OS-A-10.  
For Details D, F, G and P and Handrail Splice Details, see Base Sheet OS-A-11.

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
ISO161057R357.7	215+44	7.88'	56'	28.13'	-	-	56'
ISO161057R357.9	227+29	7.88'	68.67'	32.46'	-	-	68.67'
ISO161094R062.8	2204+66	9.94'	60'	26.06'	-	-	60'
ISO161094R062.2	2242+70	7.94'	85'	19.06'	-	-	85'
ISO161094R061.7	2264+34	8.83'	64'	33.17'	-	-	64'
ISO161094R061.2	2290+90	7.04'	79'	23.96'	-	-	79'
ISO161094R060.2	2344+44	7.79'	79'	28.21'	-	-	79'

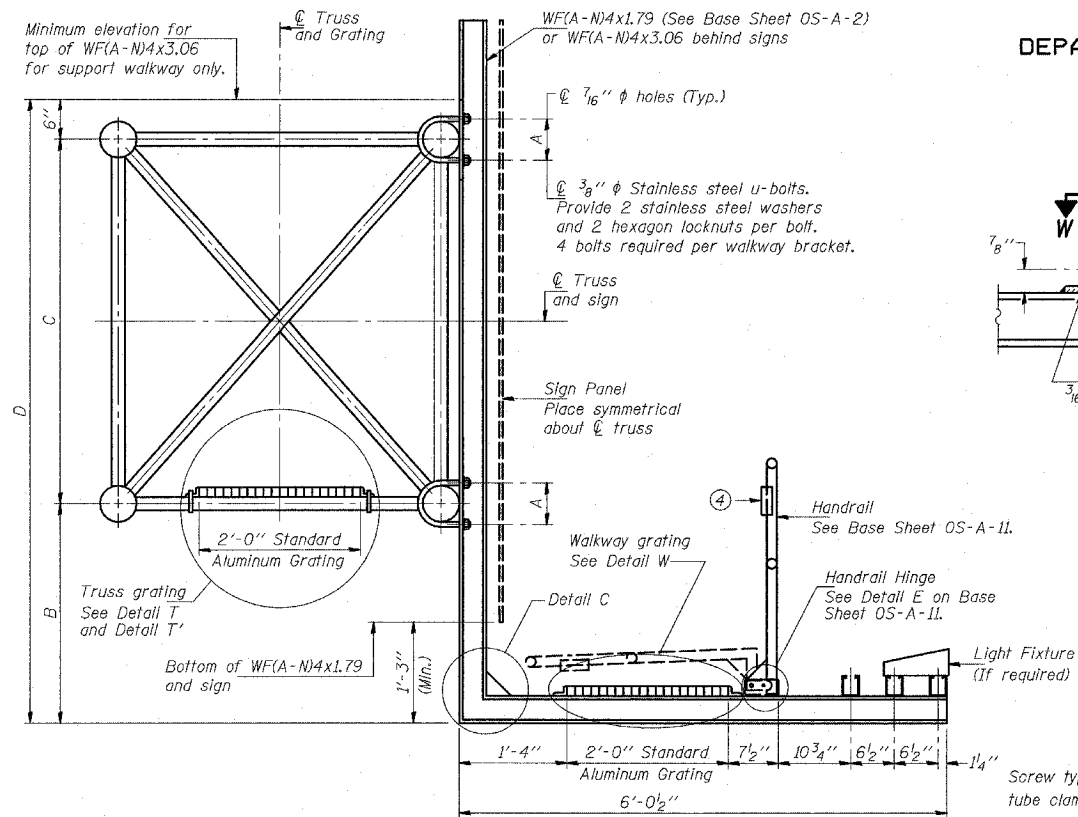
OS-A-9 11/1/2002

DESIGNED -	2D
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	

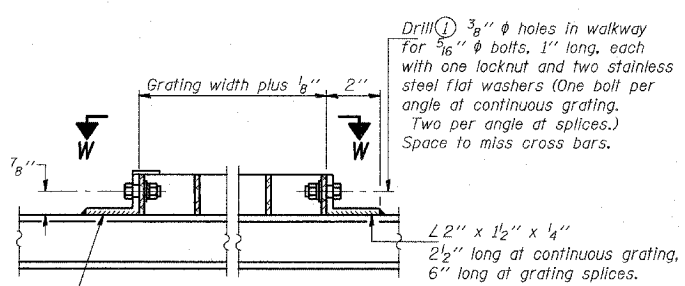
NUMBER	REVISION	DATE

REVISIONS	
NAME	DATE

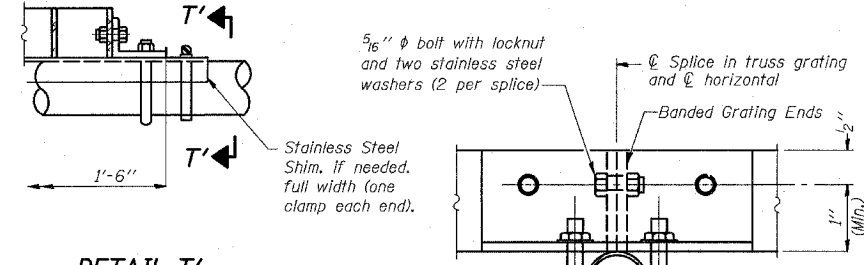
3/25/2005 4:32:00 PM



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

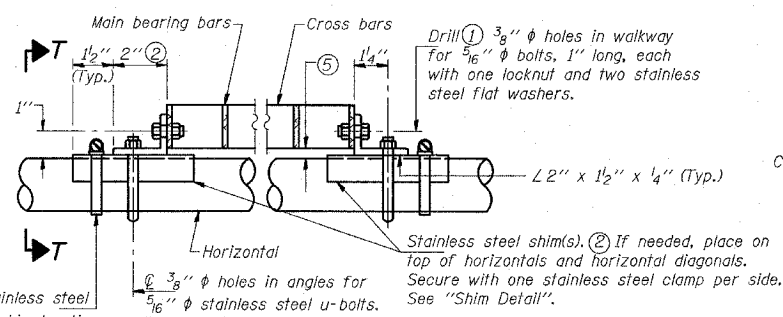


**DETAIL W**  
(Walkway grating)

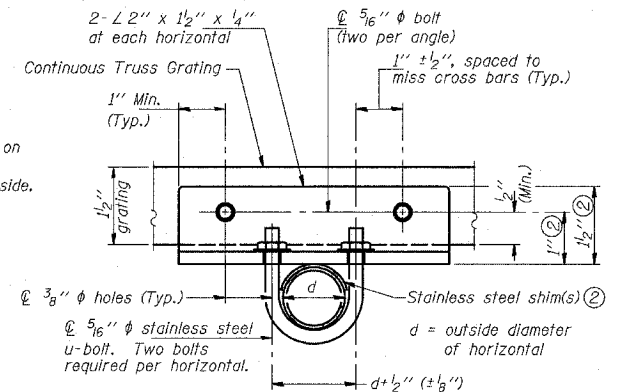


**DETAIL T'**  
(Truss grating splice)  
Details not shown same as Detail T. Alternate materials may be used subject to the Engineer's review and approval.

**SECTION T'-T'**



**DETAIL T**  
(Continuous Truss grating)



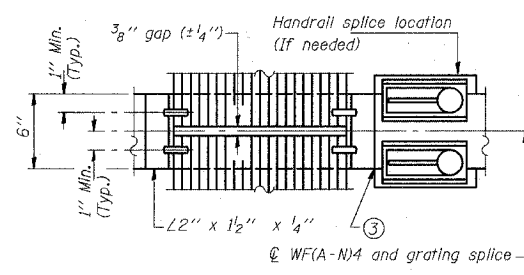
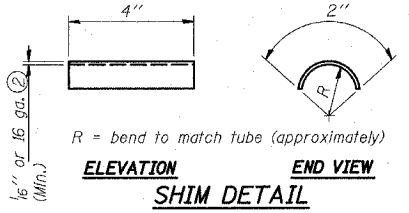
**SECTION T-T**

**SPECIFICATIONS FOR STANDARD ALUMINUM GRATING**

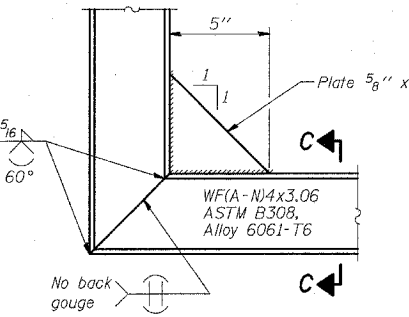
Main Bearing Bars shall be 3/16" x 1 1/2" on 1 3/8" centers and conform to ASTM B221 Alloy 6061-T6.  
Cross bars shall be 3/16" x 1 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.  
**OR**  
Aluminum Grating with modified "4" sections for main bearing bars shall meet the following requirements:  
Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in<sup>3</sup> per bar, a depth of 1 1/2", spaced on 1 3/8" centers.  
Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

- Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- If Handrail Joint present, weld angle to WF(A-N)4 and 1/4" extension bars. (See Base Sheet OS-A-11.)
- 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
- Tube to grating gap may vary from 0 to 1/2" (max.) to align walkway, allow for camber, etc.

Structure Number	Station	A	B	C	D
IS016I057R357.72	215+44	6"	4'-0"	4'-6"	9'-0"
IS016I057R357.9	227+29	7"	3'-10 1/2"	5'-3"	9'-7 1/2"
IS016I094R062.8	2204+66	6"	3'-3"	4'-6"	8'-3"
IS016I094R062.2	2242+70	7 1/2"	2'-10 1/2"	5'-3"	8'-7 1/2"
IS016I094R061.7	2264+34	7"	5'-10 1/2"	5'-3"	11'-7 1/2"
IS016I094R061.2	2290+90	7"	2'-10 1/2"	5'-3"	8'-7 1/2"
IS016I094R060.2	2344+44	7 1/2"	3'-10 1/2"	5'-3"	9'-7 1/2"

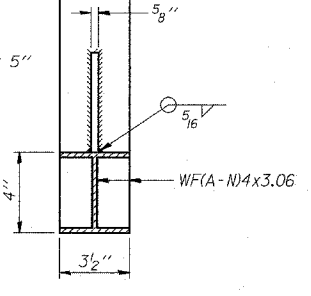


**(AT WALKWAY GRATING SPLICE)**

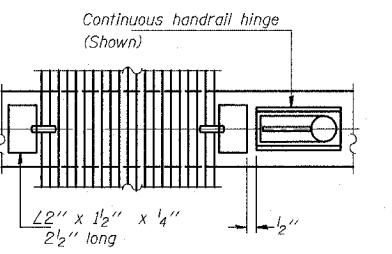


**DETAIL C**

(See Detail P, Base Sheet OS-A-11.)



**SECTION C-C**



**(CONTINUOUS WALKWAY GRATING)**  
**SECTION W-W**

DESIGNED -	<b>20</b>
CHECKED -	<b>EXAMINED</b>
DRAWN -	<b>PASSED</b>
CHECKED -	

ENGINEER OF STRUCTURAL SERVICES  
ENGINEER OF BRIDGES AND STRUCTURES

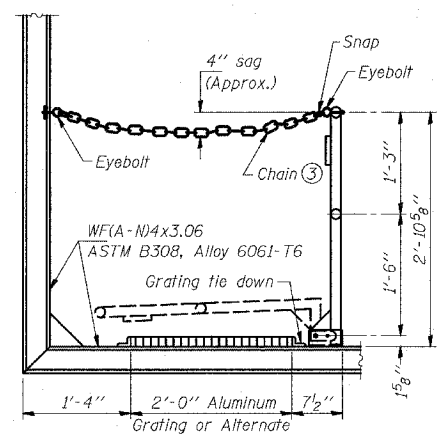
NUMBER	REVISION	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**OVERHEAD SIGN STRUCTURES  
ALUMINUM WALKWAY DETAILS**

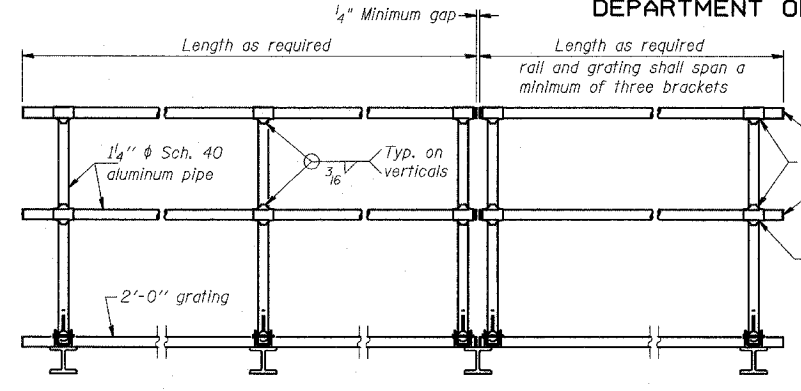
SCALE: AS NOTED DRAWN BY: AMB  
DATE: MARCH 18, 2005 CHECKED BY: TB

REVISIONS	
NAME	DATE
REVISED	05/06/05

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**SIDE ELEVATION**  
(Showing safety chain w/o sign)

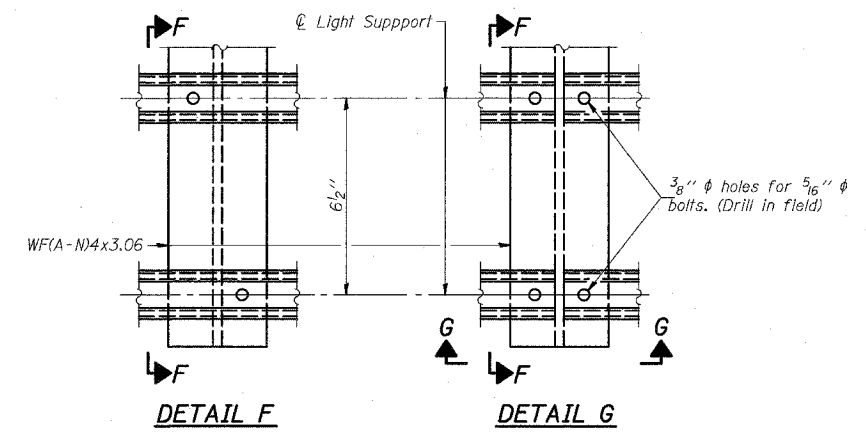


**FRONT ELEVATION**

**HANDRAIL DETAILS**

Handrail pipe shall be ASTM B241, Alloy 6063-T6 or Alloy 6061-T6.

① Install standard force-fit end caps or weld 3/8 inch end plates with 1/8 inch c.f.w. and grind smooth. (All rail ends)  
② Horizontal handrail member shall be continuous thru fitting. Provide 7/16 inch hole in fitting for 3/8 inch bolt. Field drill 1/16 inch hole in horizontal rail member. Provide locknut and two stainless steel washers for bolt. (Use 5/16 inch eyebolts in 1/16 inch holes on top rail at ends only.)



**DETAIL F**

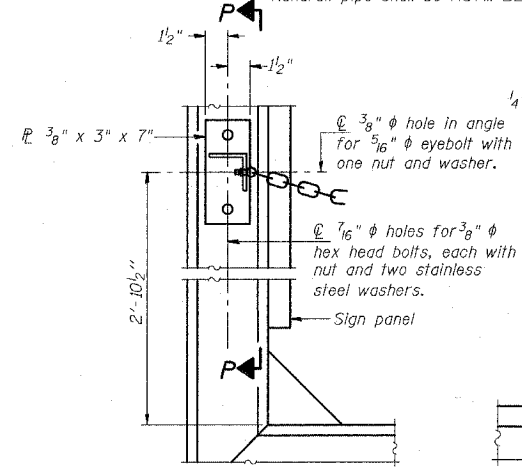
**DETAIL G**

**SECTION F-F**

**SECTION G-G**

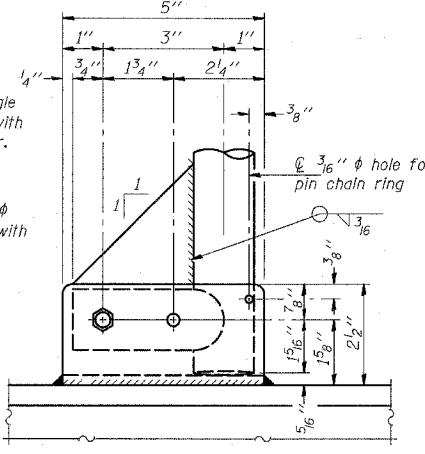
**LIGHTING FIXTURE MOUNTS (IF REQUIRED)**

⑤ Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.



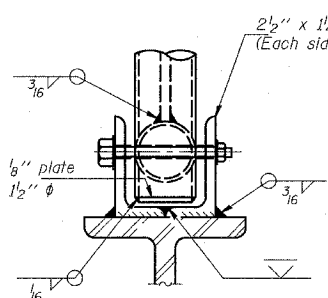
**ALTERNATE SAFETY CHAIN ATTACHMENT**

(With Sign Present)  
Items not shown same as "Side Elevation" of "Handrail Details"



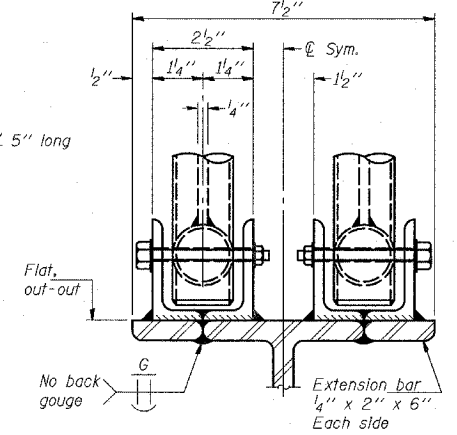
**SIDE ELEVATION**

**PLAN  
DETAIL E HANDRAIL HINGE**

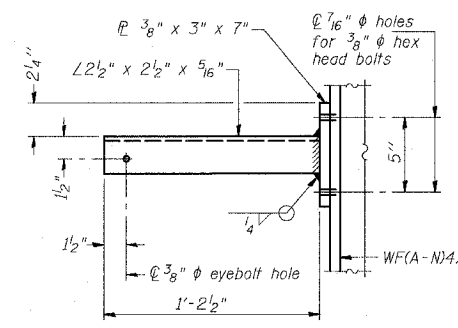


**FRONT ELEVATION**

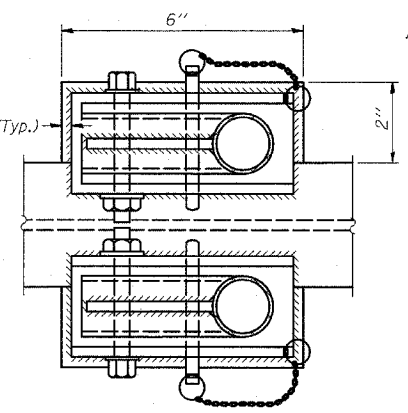
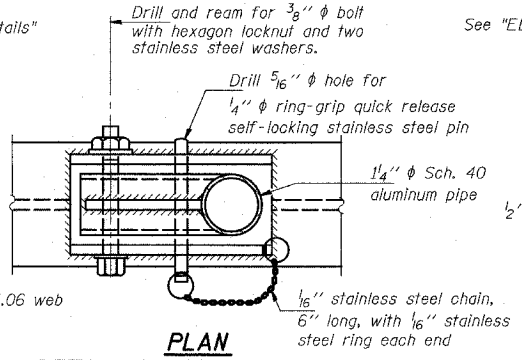
See "ELEVATION" at right for dimensions.



**ELEVATION AT HANDRAIL JOINT ④**

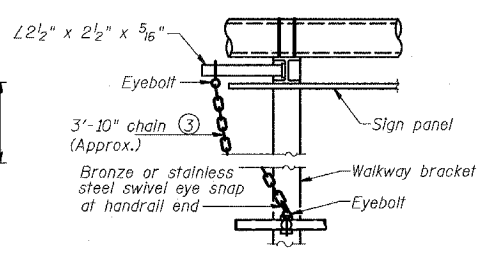


**SECTION P-P**



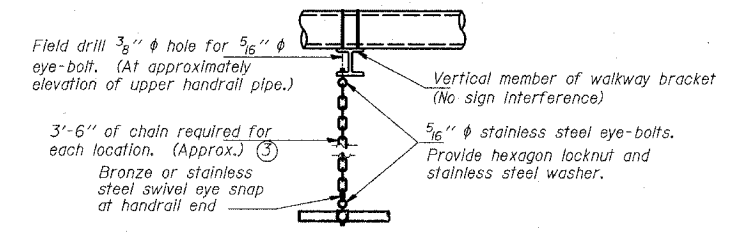
**PLAN AT HANDRAIL JOINT**

Details not shown same as "PLAN"



**ALTERNATE SAFETY CHAIN ATTACHMENT**

Details not shown similar to "Safety Chain" Details (Walkway omitted for clarity)  
③ 3/16 inch galvanized steel chain, approximately 12 links per foot. Chain to be hot dip galvanized after manufacture and suitable for prolonged exterior exposure. Alternate materials may be substituted with the Engineer's approval.  
④ Extrusions may be used in lieu of the details shown, with approval of the Engineer.



**SAFETY CHAIN**

One required for each end of each walkway.

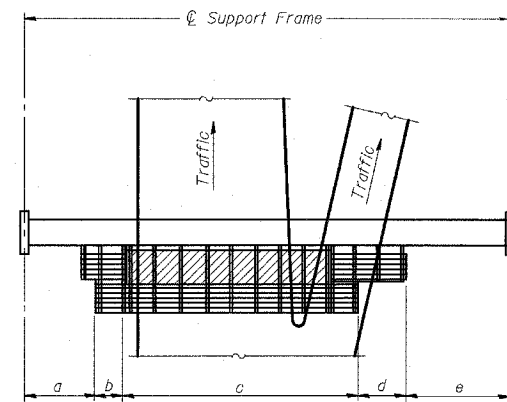
DESIGNED	20
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	

NUMBER	REVISION	DATE

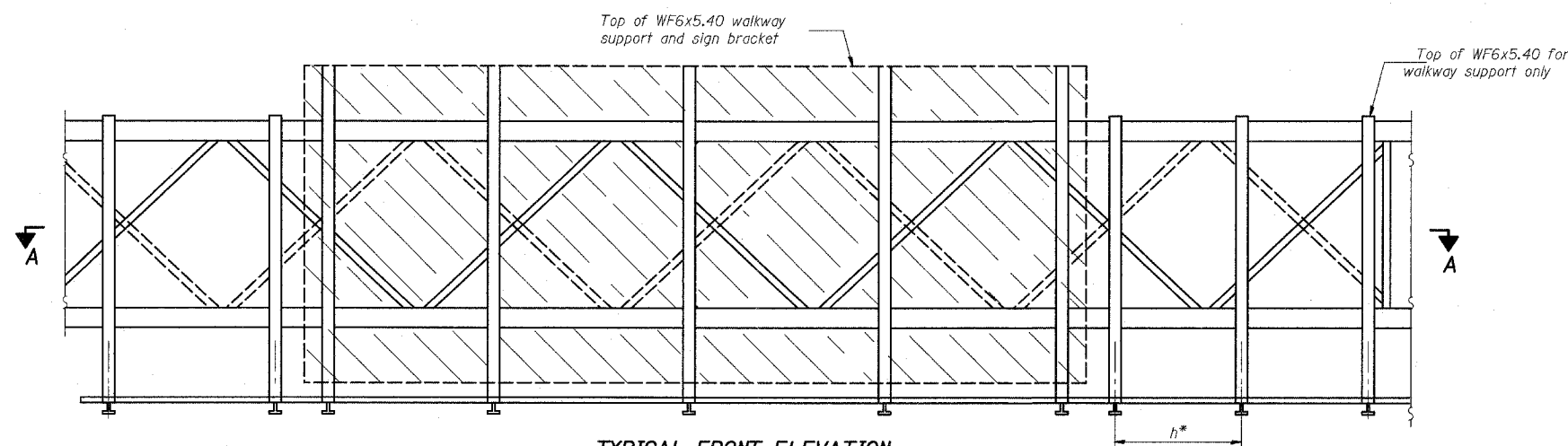
OS-A-11 11/1/2002

REVISIONS	
NAME	DATE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**PLAN**  
**WALKWAY AND HANDRAIL SKETCH**  
(Road plan beneath truss varies)



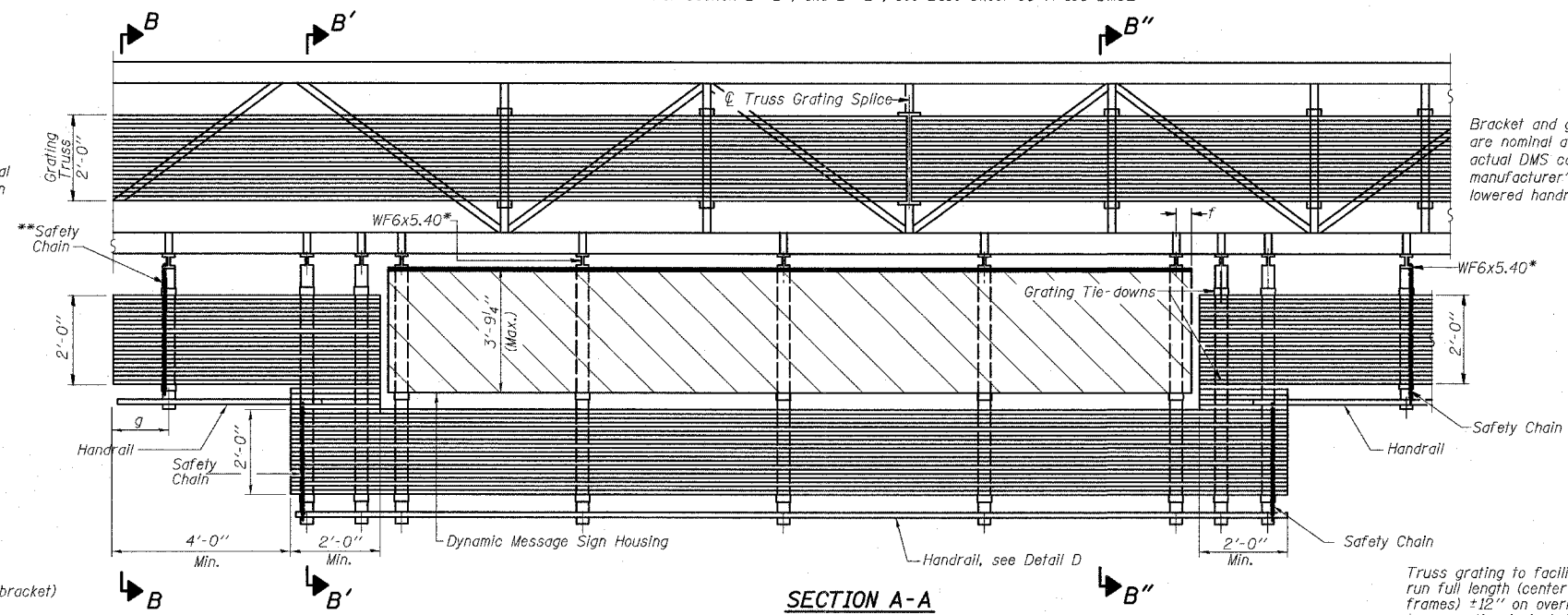
**TYPICAL FRONT ELEVATION**  
With handrail omitted for clarity.  
For Section B-B, see Base Sheet OS-A-10-DMS2  
For Section B'-B', and B''-B'', see Base Sheet OS-A-10a-DMS2

**BRACKET TABLE**

Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	10'-0"	2
10'-0"	16'-0"	3
16'-0"	22'-0"	4
22'-0"	28'-0"	5
28'-0"	34'-0"	6

Walkway and Truss Grating width dimensions are nominal and may vary  $\pm 1/2$ " based on available standard widths.

Bracket and grating dimensions are nominal and will vary based on actual DMS cabinet dimensions plus manufacturer's mounting devices, lowered handrail and DMS cabinet.



**SECTION A-A**

Truss grating to facilitate inspection shall run full length (center to center of support frames)  $\pm 12$ " on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure"

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Grating and handrail splices placed as needed.

Notes: \*Space WF6x5.40 brackets for efficiency and within limits shown:

- f = 12" maximum, 4" minimum (End of sign to  $\phi$  of nearest bracket)
- g = 12" maximum, 4" minimum (End of walkway grating to  $\phi$  of nearest support bracket)
- h = 6'-0" maximum ( $\phi$  to  $\phi$  or walkway support brackets, WF6x5.40)

\*\*If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11-DMS2

For Details T and W, Section B-B and Grating Splice Details, see Base Sheet OS-A-10-DMS2.  
For Details D, F, G and P and Handrail Splice Details, see Base Sheet OS-A-11-DMS2.

DESIGNED	
CHECKED	
DRAWN	
CHECKED	

EXAMINED	19
PASSED	

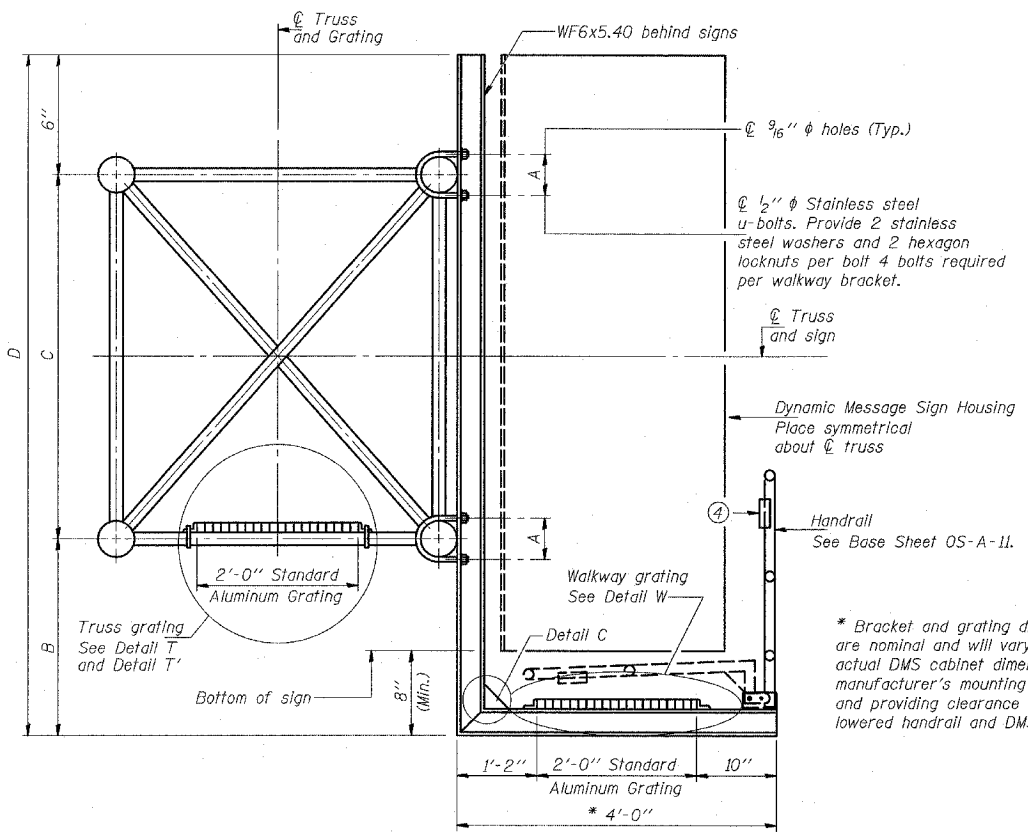
NUMBER	REVISION	DATE

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
ISO161094R06L3	2282+42	26.98'	2'	28.42'	18.79'	35.81'	68'

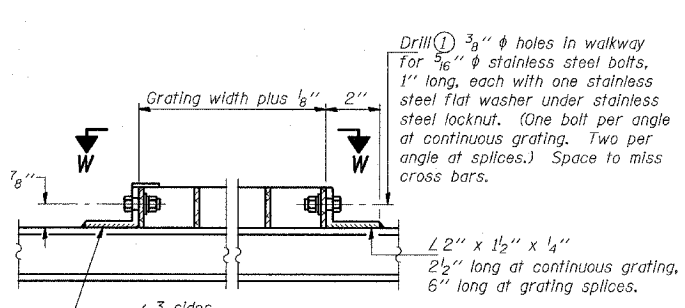
OS-A-9-DMS2 7/1/2001

REVISIONS	
NAME	DATE

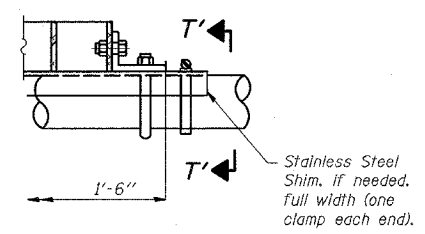
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**OVERHEAD SIGN STRUCTURES**  
**ALTERNATE ALUMINUM WALKWAY DETAILS**  
SCALE: AS NOTED  
DATE: MARCH 18, 2005  
DRAWN BY: AMB  
CHECKED BY: TB



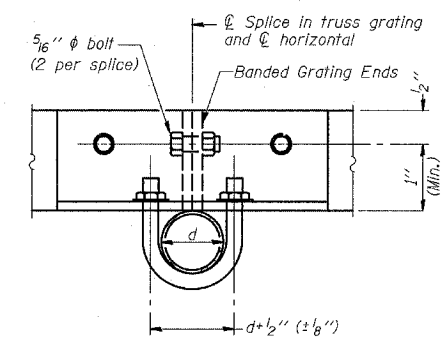
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



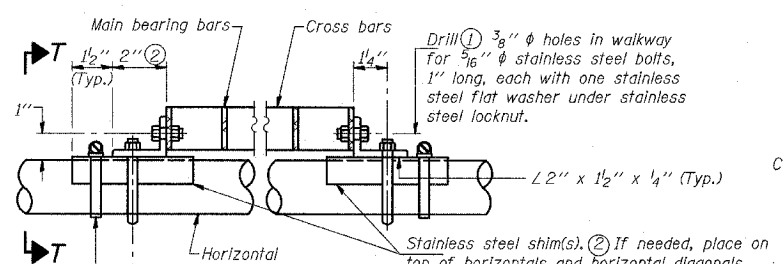
**DETAIL W**  
(Walkway grating)



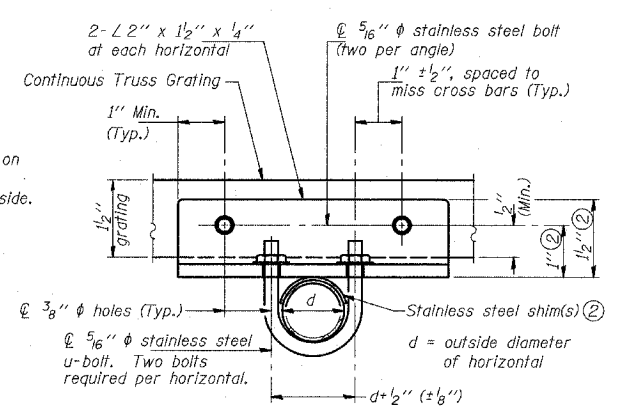
**DETAIL T'**  
(Truss grating splice)  
Details not shown same as Detail T.  
Alternate materials may be used subject to the Engineer's review and approval.



**SECTION T'-T'**



**DETAIL T**  
(Continuous Truss Grating)



**SECTION T-T**

\* Bracket and grating dimensions are nominal and will vary based on actual DMS cabinet dimensions plus manufacturer's mounting devices, and providing clearance between the lowered handrail and DMS cabinet.

Drill 3/8" holes in walkway for 5/16" stainless steel bolts, 1" long, each with one stainless steel flat washer under stainless steel locknut. (One bolt per angle at continuous grating. Two per angle at splices.) Space to miss cross bars.

Drill 3/8" holes in walkway for 5/16" stainless steel bolts, 1" long, each with one stainless steel flat washer under stainless steel locknut.

Drill 3/8" holes in walkway for 5/16" stainless steel bolts, 1" long, each with one stainless steel flat washer under stainless steel locknut.

Drill 3/8" holes in angles for 5/16" stainless steel u-bolts. Two stainless steel washers and nuts required per bolt. U-bolt and angle connections required at horizontals only.

Screw type stainless steel tube clamp at shim location

**SPECIFICATIONS FOR STANDARD ALUMINUM GRATING**

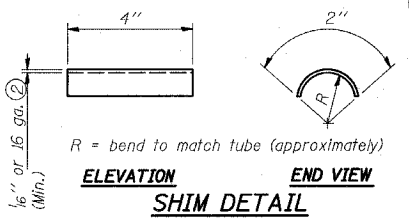
Main Bearing Bars shall be 3/16" x 1 1/2" on 1 3/16" centers and conform to ASTM B211 Alloy 6061-T6.  
Cross bars shall be 3/16" x 1 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

**OR**

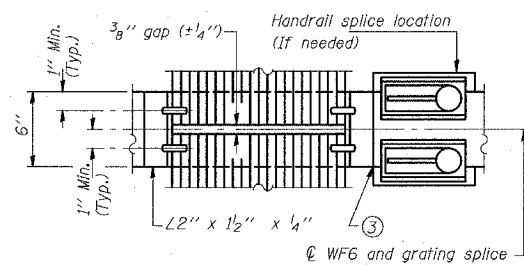
Aluminum Grating with modified "1" sections for main bearing bars shall meet the following requirements:  
Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.<sup>3</sup> per bar, a depth of 1 1/2", spaced on 1 3/16" centers.  
Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

Structure Number	Station	A	B	C	D
IS0161094R06L3	2282+42	7 1/2"	1'-5"	7'-0"	8'-11"

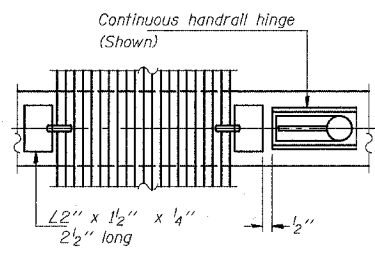
- Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- If Handrail Joint present, weld angle to WF6 and 1/4" extension bars. (See Base Sheet OS-A-11-DMS2.)
- 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.



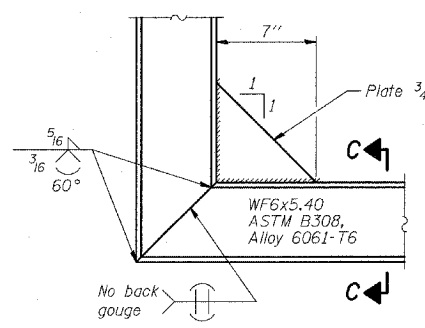
**SHIM DETAIL**



**(AT WALKWAY GRATING SPLICE)**

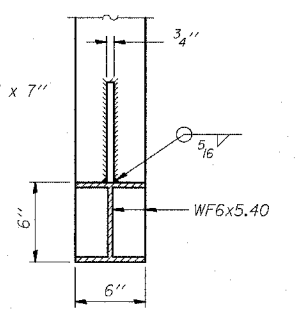


**(CONTINUOUS WALKWAY GRATING)**



**DETAIL C**

(See Detail P, Base Sheet OS-A-11-DMS2.)



**SECTION C-C**

DESIGNED	
CHECKED	
DRAWN	
CHECKED	

EXAMINED	19
PASSED	

NUMBER	REVISION	DATE

OS-A-10-DMS2 7/1/2001

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

OVERHEAD SIGN STRUCTURES  
ALTERNATE ALUMINUM WALKWAY DETAILS

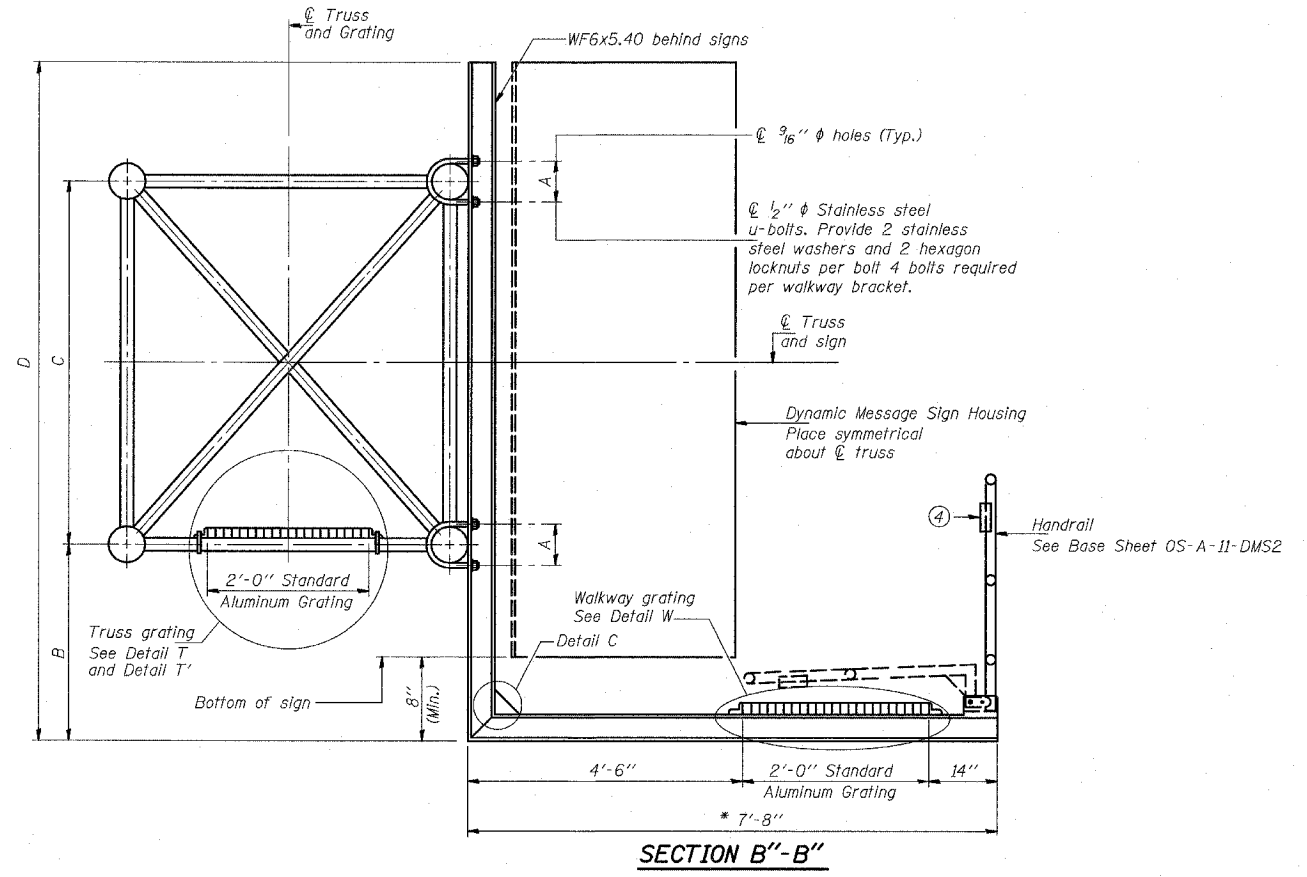
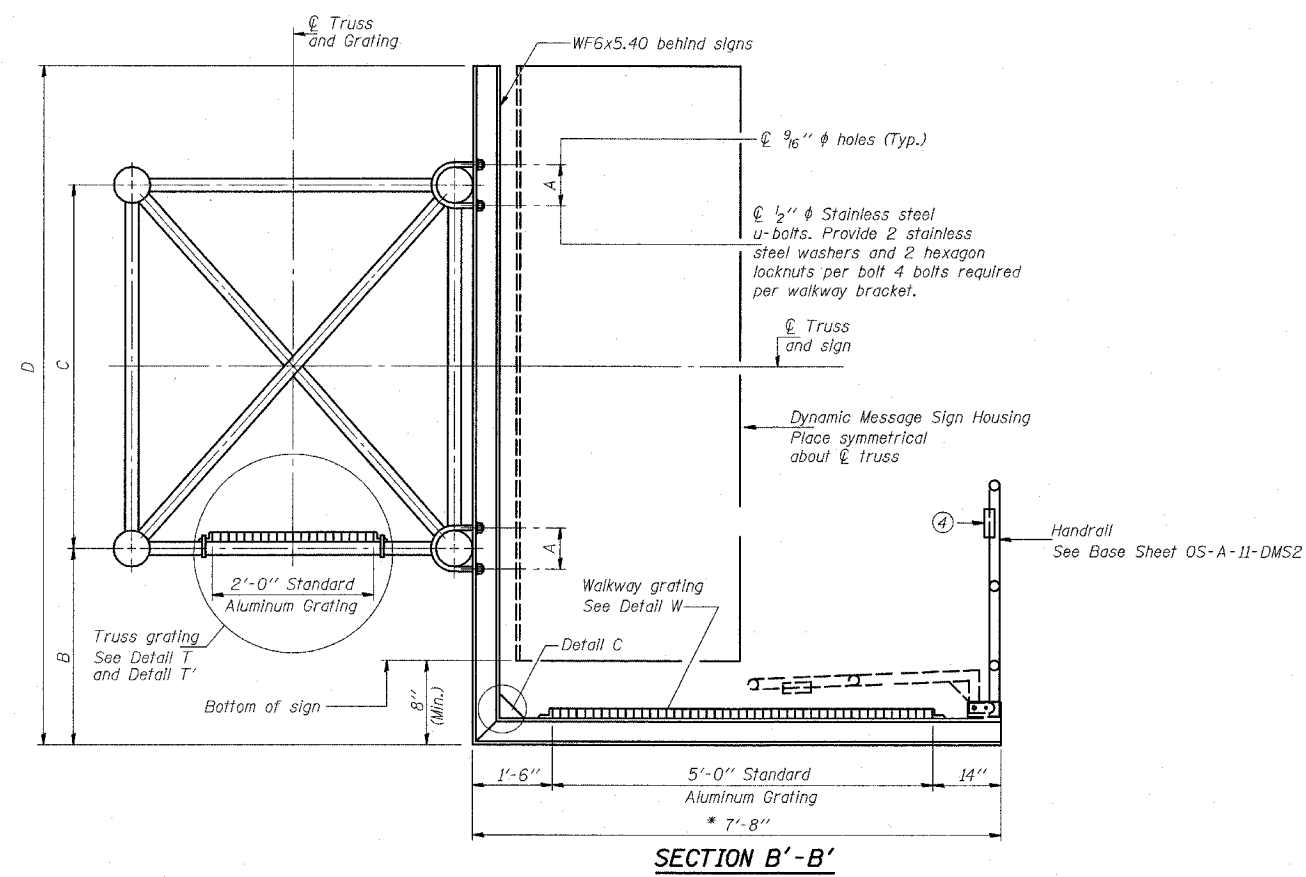
SCALE: AS NOTED  
DATE: MARCH 18, 2005

DRAWN BY: AMB  
CHECKED BY: TB



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	709
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
• (1516.1, 1717 & 1818) R-8			62694	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



\* Bracket and grating dimensions are nominal and will vary based on actual DMS cabinet dimensions plus manufacturer's mounting devices, and providing clearance between the lowered handrail and DMS cabinet.

Note:  
For dimensions "A" to "D" and remaining details, see sheet OS-A-10-DMS2

DESIGNED	19
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	

OS-A-10a-DMS2 7/1/2001

NUMBER	REVISION	DATE

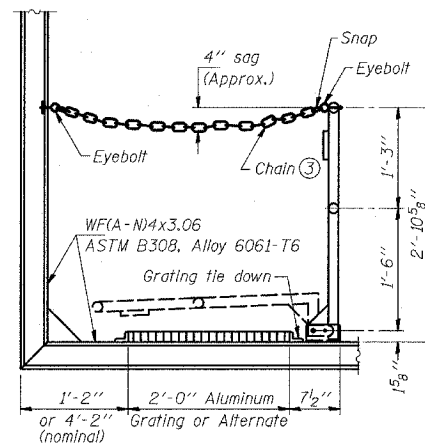
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
  
OVERHEAD SIGN STRUCTURES  
ALTERNATE ALUMINUM WALKWAY DETAILS

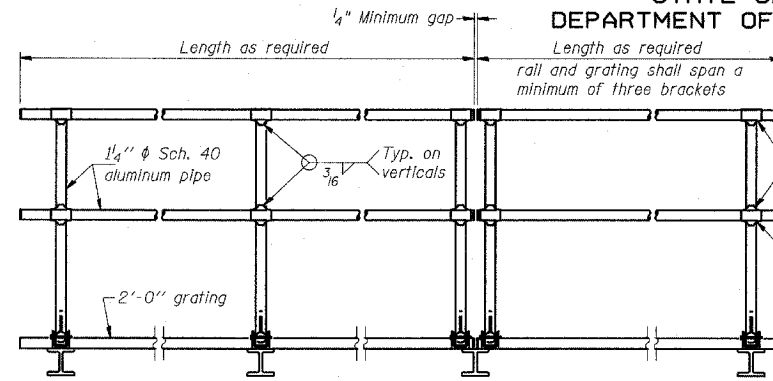
SCALE: AS NOTED      DRAWN BY: AMB  
DATE: MARCH 18, 2005      CHECKED BY: TB

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**SIDE ELEVATION**

(Showing safety chain w/o sign)



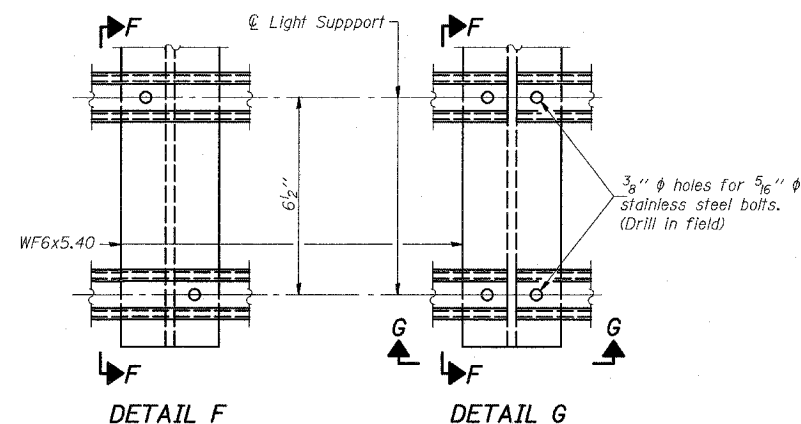
**FRONT ELEVATION**

**HANDRAIL DETAILS**

Handrail pipe shall be ASTM B241, Alloy 6063-T6 or Alloy 6061-T6.

① Install standard force-fit end caps or weld 1/8\"/>

② Horizontal handrail member shall be continuous thru fitting. Provide 1/16\"/>



**DETAIL F**

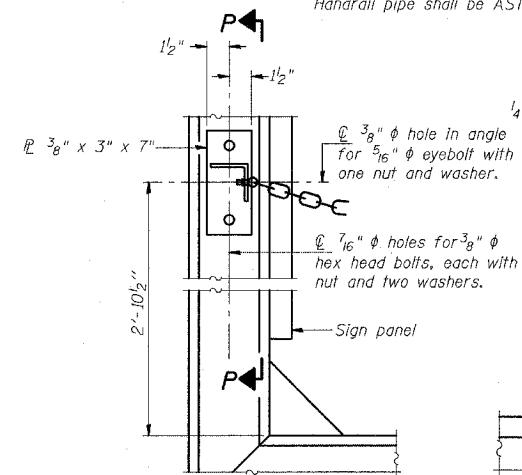
**DETAIL G**

**SECTION F-F**

**SECTION G-G**

**LIGHTING FIXTURE MOUNTS (IF REQUIRED)**

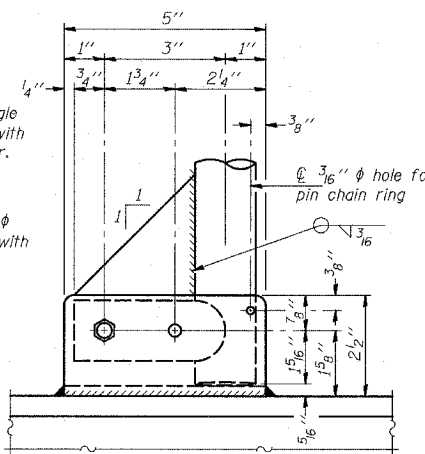
⑤ Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.



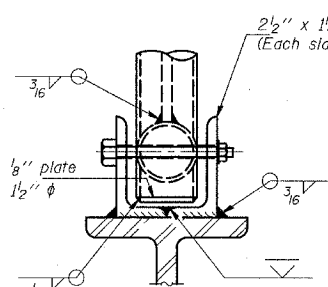
**ALTERNATE SAFETY CHAIN ATTACHMENT**

(With Sign Present)

Items not shown same as "Side Elevation" of "Handrail Details"

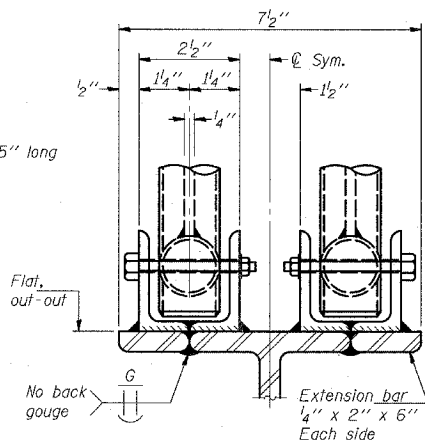


**SIDE ELEVATION**

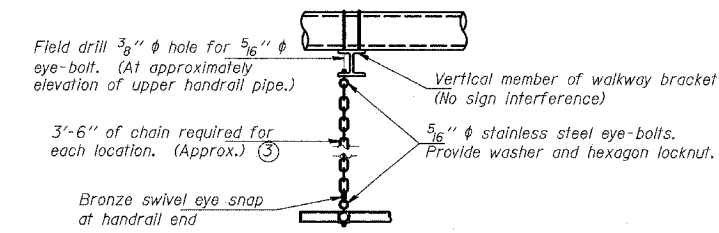


**FRONT ELEVATION**

See "ELEVATION" at right for dimensions.

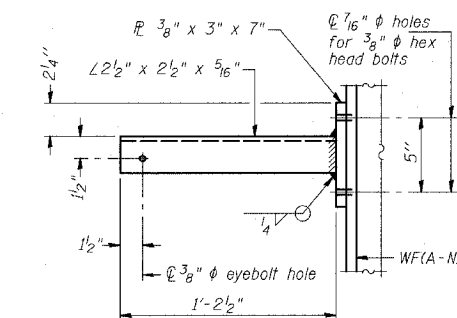


**ELEVATION AT HANDRAIL JOINT**

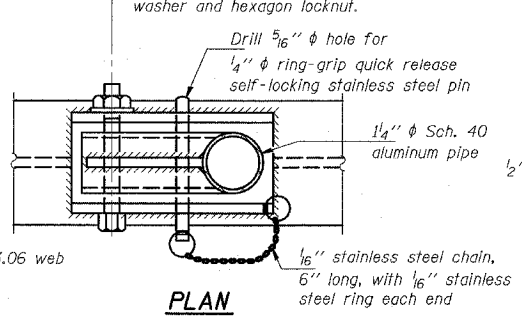


**SAFETY CHAIN**

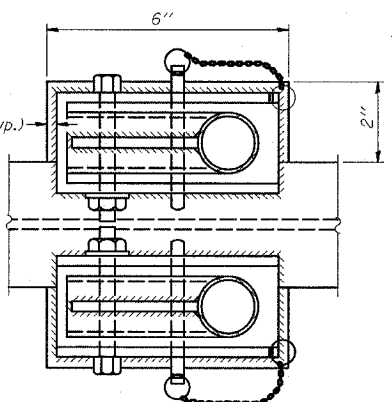
One required for each end of each walkway.



**SECTION P-P**

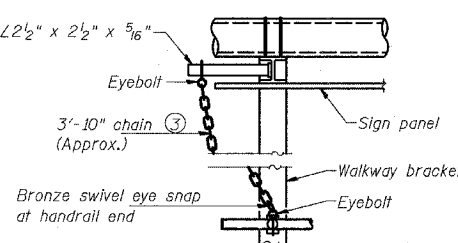


**PLAN DETAIL E HANDRAIL HINGE**



**PLAN AT HANDRAIL JOINT**

Details not shown same as "PLAN"



**ALTERNATE SAFETY CHAIN ATTACHMENT**

Details not shown similar to "Safety Chain" Details (Walkway omitted for clarity)

③ 3/16\"/>

④ Extrusions may be used in lieu of the details shown, with approval of the Engineer.

DESIGNED	
CHECKED	
DRAWN	
CHECKED	

EXAMINED	19
PASSED	

NUMBER	REVISION	DATE

OS-A-11-DMS2 7/1/2001

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
  
OVERHEAD SIGN STRUCTURES  
ALTERNATE ALUMINUM HANDRAIL DETAILS  
  
SCALE: AS NOTED  
DATE: MARCH 18, 2005  
DRAWN BY: AMB  
CHECKED BY: TB

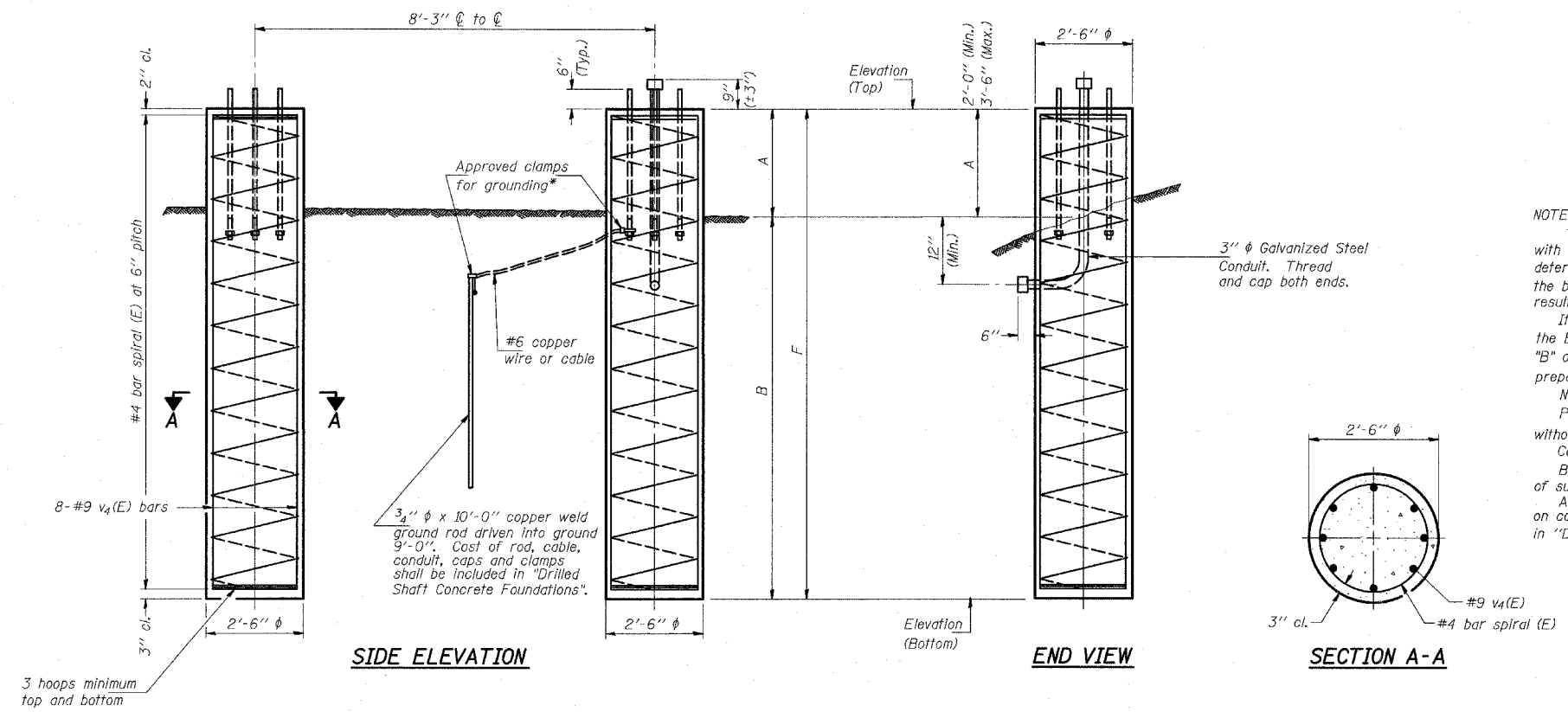
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

For anchor rod size and placement, see Support Frame Detail Sheet.

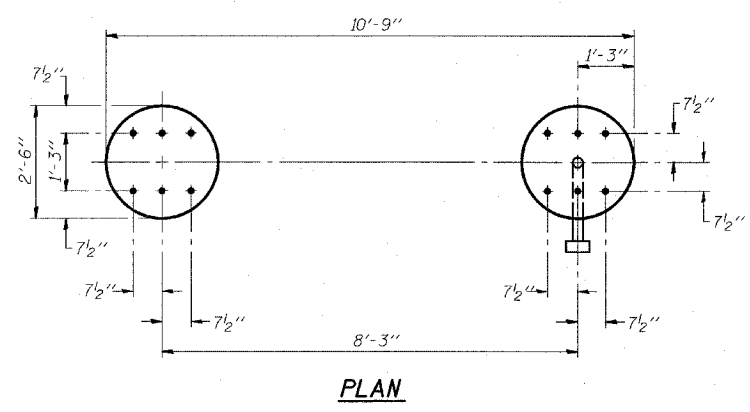
\*Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
v4(E)	16	#9	F less 5"	—
#4 bar spiral (E) - see "SIDE ELEVATION"				



NOTES:  
The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (QU) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.  
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.  
No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.  
Concrete shall be placed monolithically, without construction joints.  
Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.  
A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".



Structure Number	Station	Left Foundation			Right Foundation			Elevation Top	Elevation Bottom	A	B	F	Class SI Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	A	B	F							
ISO161057R357.7	215+44						6.19	-12.88	2.57'	16.5'	19.07'	6.94	
ISO161057R357.9	227+29						12.04	-10.80	2.34'	20.5'	22.84'	8.30	
ISO161094R062.8	2204+66						7.56	-11.37	2.43'	16.5'	18.93'	6.88	
ISO161094R062.2	2242+70						7.25	-15.69	2.44'	20.5'	22.94'	8.34	
ISO161094R061.7	2264+34						3.69	-19.46	2.65'	20.5'	23.15'	8.42	
ISO161094R061.2	2290+90						-2.98	-26.26	2.78'	20.5'	23.28'	8.46	
ISO161094R060.2	2344+44						1.51	-21.54	2.55'	20.5'	23.05'	8.38	

DESIGNED -  
CHECKED -  
DRAWN -  
CHECKED -

EXAMINED  
PASSED

NUMBER	REVISION	DATE

DETAILS FOR 10" φ SUPPORT FRAME  
TYPE I-A or II-A TRUSS

OS4-F3 11/1/2002

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
  
OVERHEAD SIGN STRUCTURES  
DRILLED SHAFT DETAILS  
  
SCALE: AS NOTED  
DATE: MARCH 18, 2005  
DRAWN BY: AMB  
CHECKED BY: TB

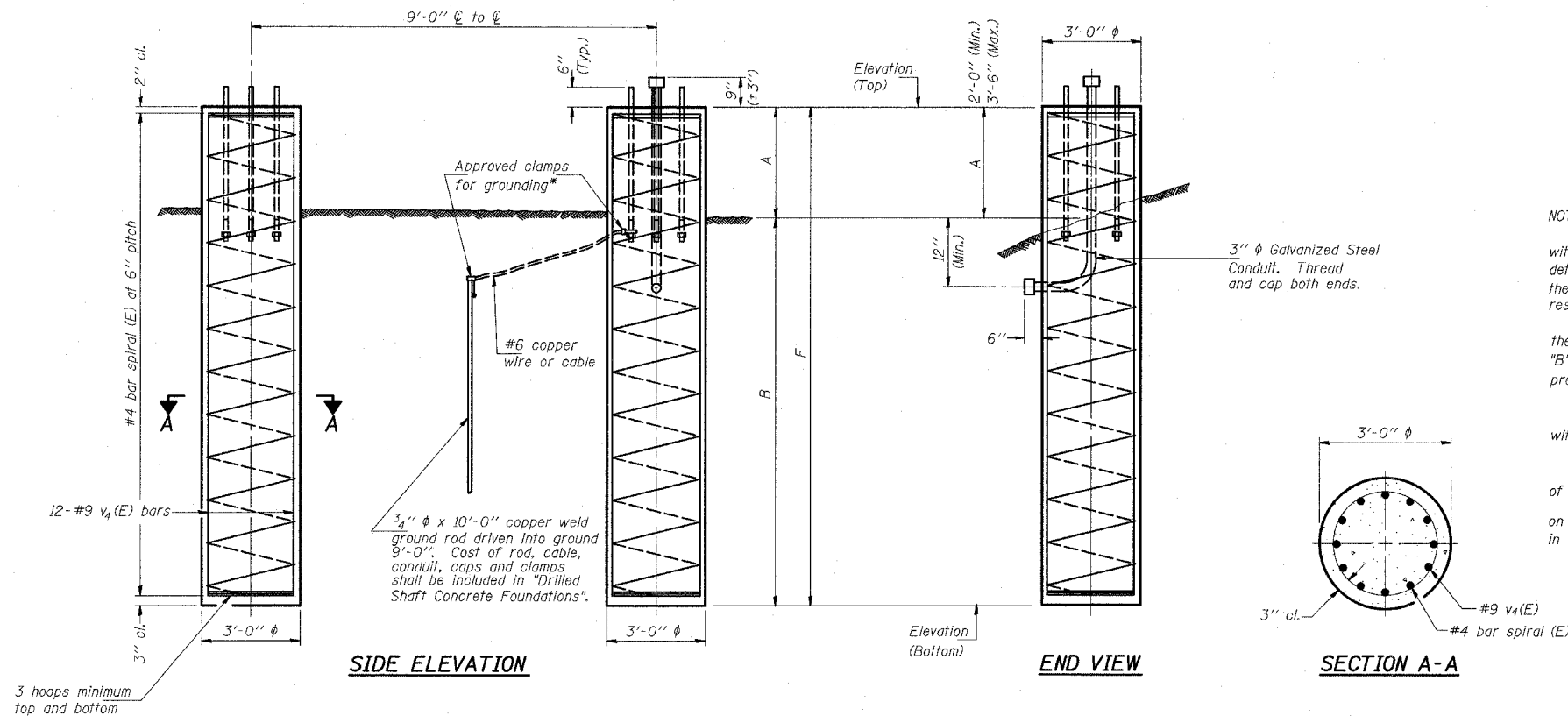
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

For anchor rod size and placement, see Support Frame Detail Sheet.

\*Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

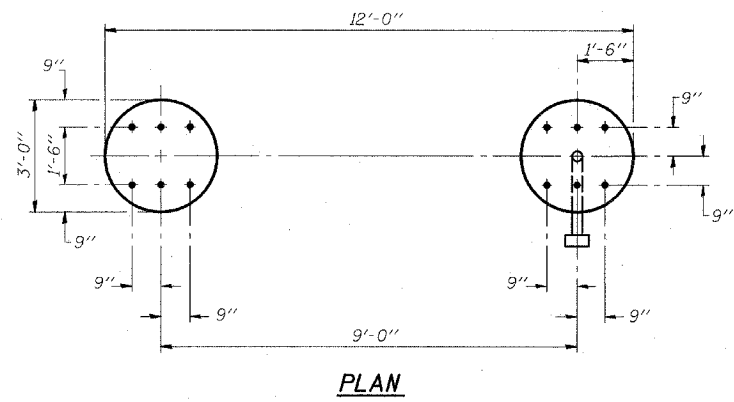
**BAR LIST - EACH FOUNDATION**

Bar	Number	Size	Length	Shape
v4(E)	24	#9	F less 5"	—
#4 bar spiral (E) - see "SIDE ELEVATION"				



**NOTES:**

- The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength ( $Q_u$ ) of at least 1.25 tsf, which must be determined by previous soil investigations of the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.
- If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.
- No sonotubes or decomposable forms shall be used below the lower conduit entrance.
- Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.
- Concrete shall be placed monolithically, without construction joints.
- Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.
- A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".



Structure Number	Station	Left Foundation			Right Foundation			Class SI Concrete (Cu. Yds.)				
		Elevation Top	Elevation Bottom	A	B	F	Elevation Top		Elevation Bottom	A	B	F
ISO161094R061.3	2282+42						2.84	-17.97	2.81'	18'	20.81'	10.9

DESIGNED	
CHECKED	
DRAWN	
CHECKED	

EXAMINED	20
PASSED	

NUMBER	REVISION	DATE

**DETAILS FOR 12"  $\phi$  SUPPORT FRAME  
TYPE III-A TRUSS**

OS4-F4 11/1/2002

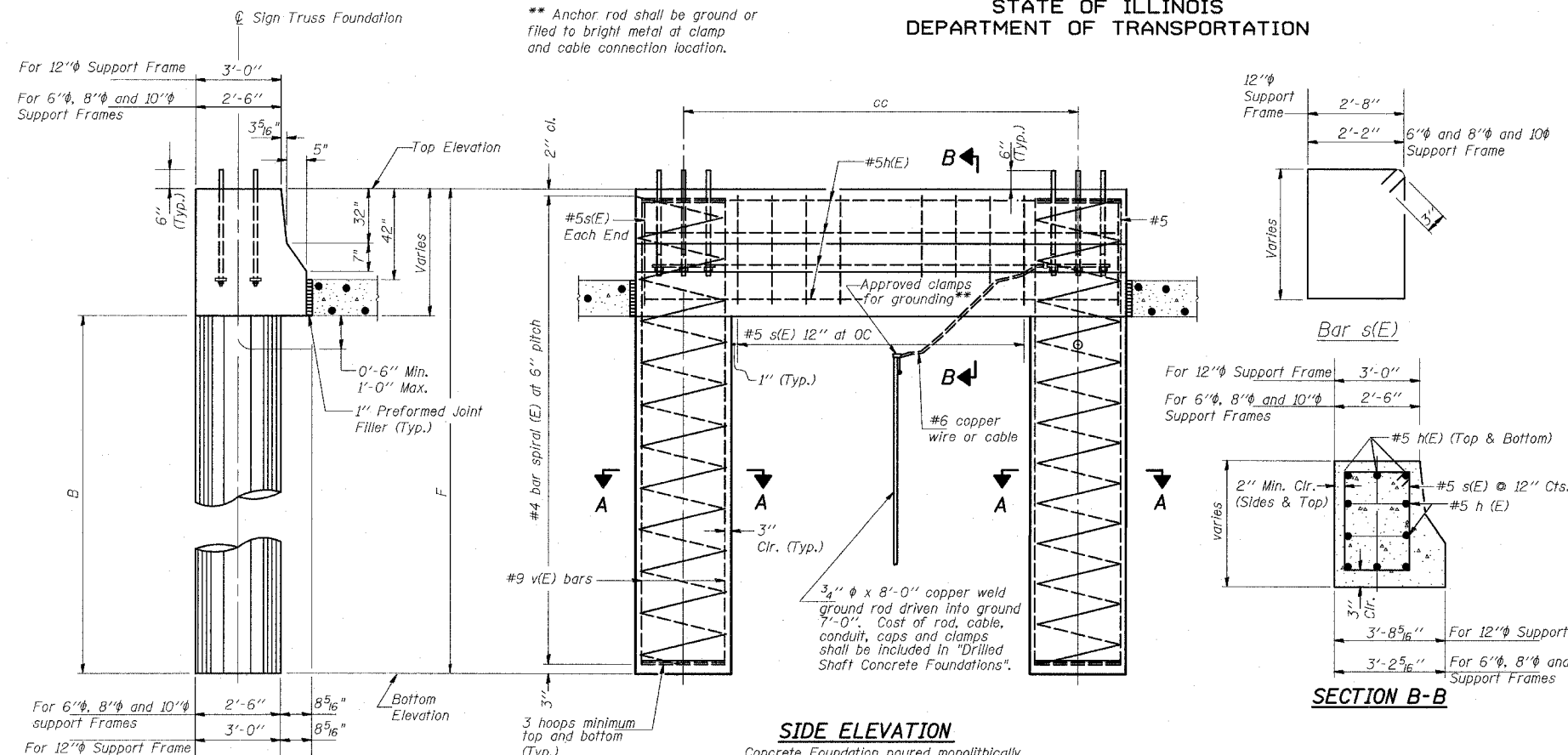
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**OVERHEAD SIGN STRUCTURES  
DRILLED SHAFT DETAILS**  
SCALE: AS NOTED  
DATE: MARCH 18, 2005  
DRAWN BY: AMB  
CHECKED BY: TB

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

\*\* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.



NOTES:  
The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength ( $Q_u$ ) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.  
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.  
No sonotubes or decomposable forms shall be used below the lower conduit entrances. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.  
Concrete shall be placed monolithically, without construction joints.  
Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.  
A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".  
Face of median support foundation shall match dimensions of permanent barrier wall F shape.  
Refer to the lighting plans for location and orientation of the conduit.

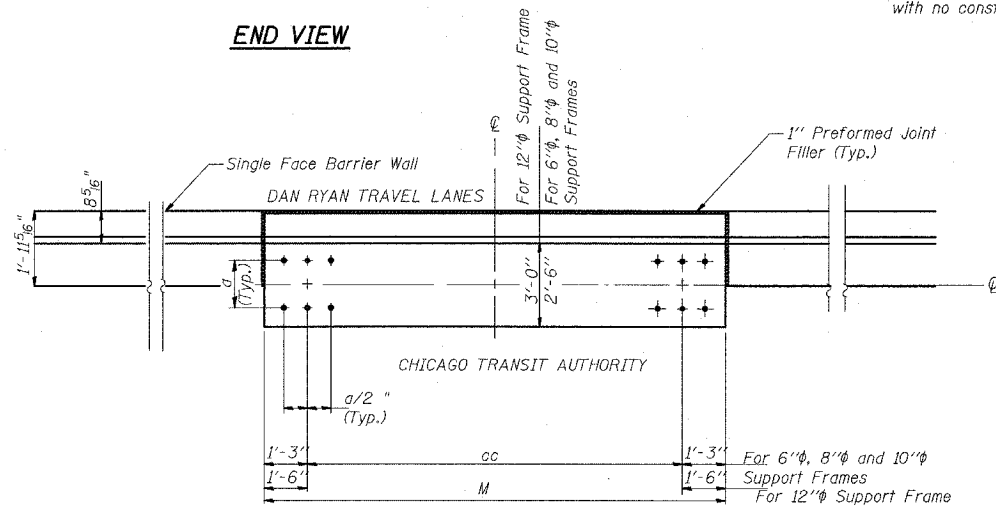
BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
h(E)	10	#5	M less 4"	—
s(E)	Varies	#5	Varies	□
v(E)	16	#9	F less 0'-5"	—

#4(E) bar spiral - see Side Elevation

SIDE ELEVATION  
Concrete Foundation poured monolithically with no construction joint.

END VIEW

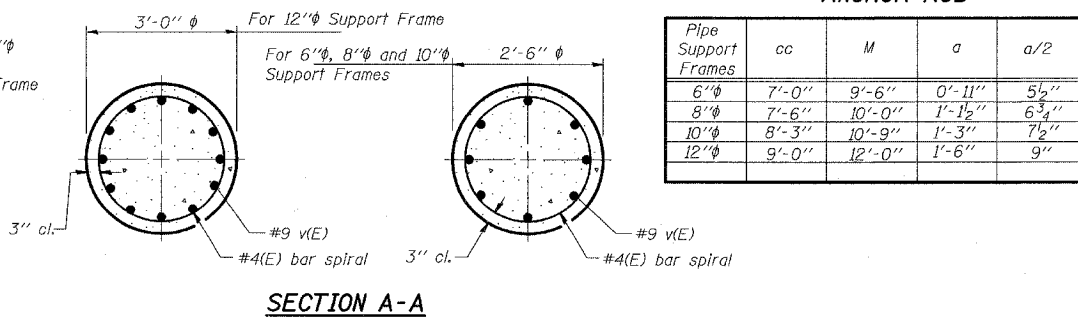


PLAN

DESIGNED	20
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	

Structure Number	Station	Left Foundation		Right Foundation		Class SI Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	Elevation Top	Elevation Bottom	
ISO16I094R062.8	2204+66	1.06	-20.11	16.5'	21.17'	11.30
ISO16I094R062.2	2242+70	6.24	-18.93	20.5'	25.17'	12.76
ISO16I094R061.7	2264+34	-0.31	-25.48	20.5'	25.17'	12.76
ISO16I094R061.3	2282+42	-2.66	-25.33	18'	22.67'	16.37
ISO16I094R061.2	2290+90	-5.48	-30.65	20.5'	25.17'	12.76
ISO16I094R060.2	2344+44	-1.49	-26.66	20.5'	25.17'	12.76

MODIFIED BY CTE ENGINEERS, INC. FROM OS4-MED  
MODIFIED BY T.Y. LIN INTERNATIONAL FOR BARRIER WALL DIMENSIONS,  
ANCHOR ROD



Pipe Support Frames	cc	M	a	a/2
6"φ	7'-0"	9'-6"	0'-11"	5 1/2"
8"φ	7'-6"	10'-0"	1'-1 1/2"	6 3/4"
10"φ	8'-3"	10'-9"	1'-3"	7 1/2"
12"φ	9'-0"	12'-0"	1'-6"	9"

SECTION A-A

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
OVERHEAD SIGN STRUCTURES  
MEDIAN SUPPORT FOUNDATION DETAILS  
SINGLE FACE MEDIAN SUPPORT FOUNDATION  
SCALE: AS NOTED  
DATE: MARCH 18, 2005  
DRAWN BY: AMB  
CHECKED BY: TB

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

\*\* Anchor rod shall be ground or filled to bright metal at clamp and cable connection location.

**NOTES:**

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

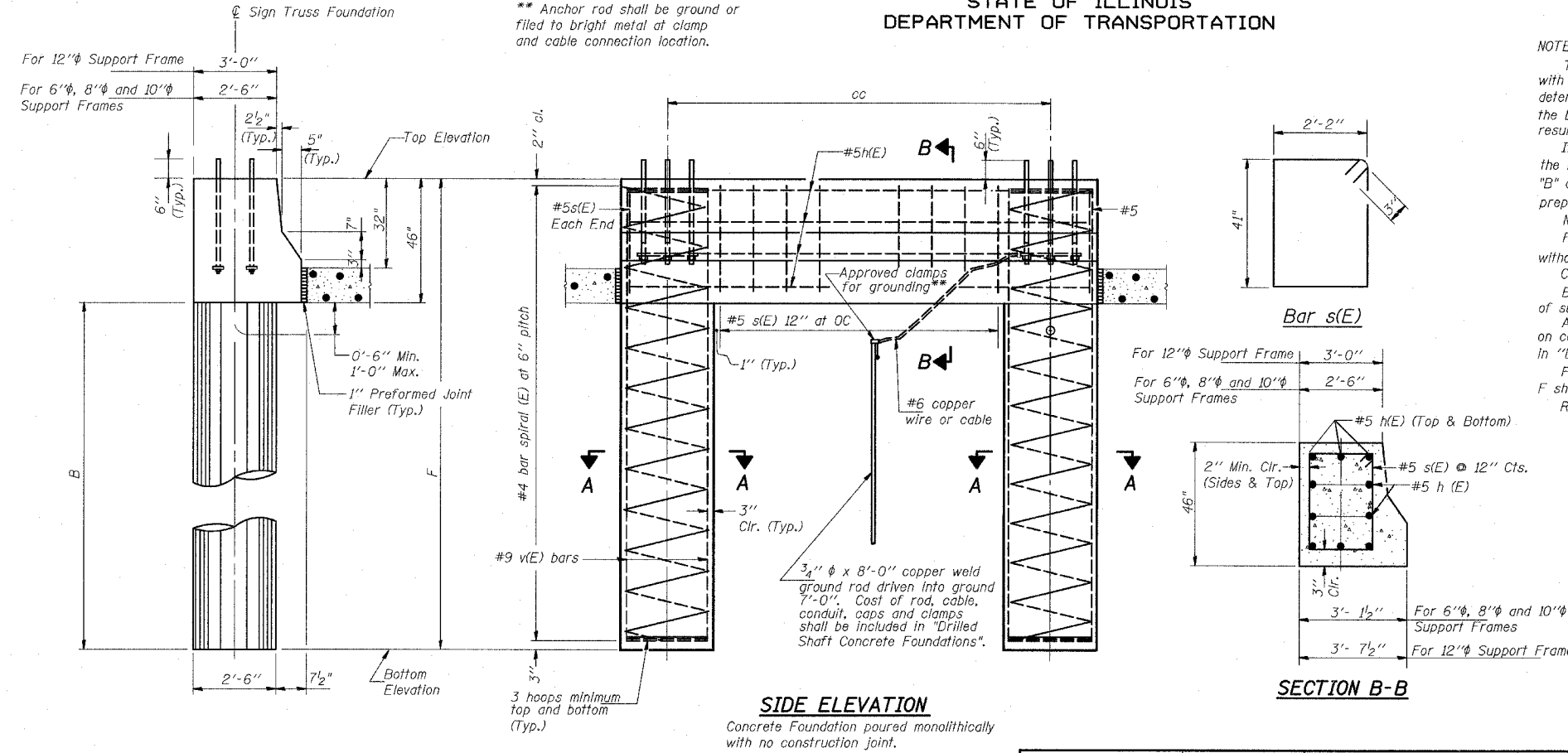
Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".

Face of median support foundation shall match dimensions of permanent barrier wall F shape.

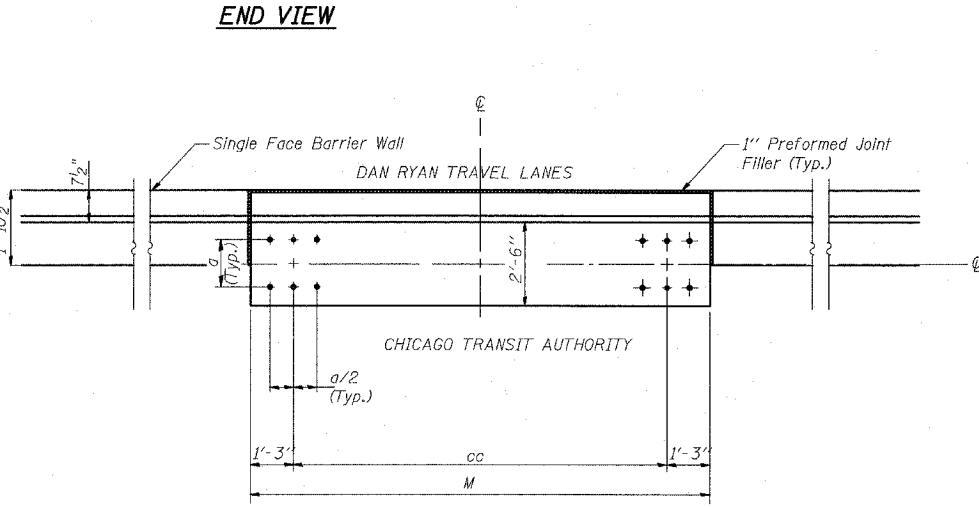
Refer to the lighting plans for location and orientation of the conduit.



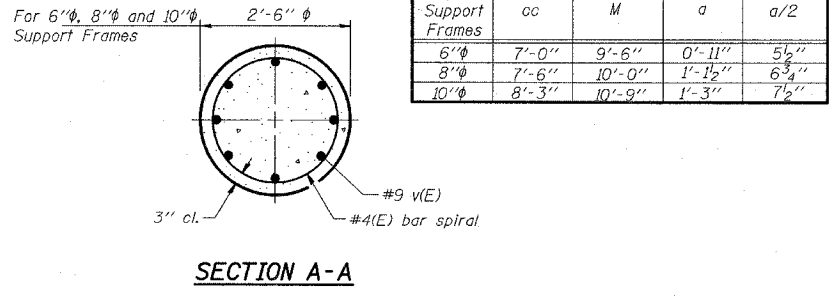
**BAR LIST - EACH FOUNDATION**

Bar	Number	Size	Length	Shape
h(E)	10	#5	M less 4"	—
s(E)	Varies	#5	Varies	□
v(E)	16	#9	F less 0'-5"	—
#4(E) bar spiral - see Side Elevation				

Structure Number	Station	Left Foundation		Right Foundation		Class SI Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	Elevation Top	Elevation Bottom	
ISO161057R357.7	215+44	-1.31	-21.65	16.5'	20.34'	10.35
ISO161057R357.9	227+29	4.04	-20.30	20.5'	24.34'	11.81



MODIFIED BY T.Y. LIN INTERNATIONAL FROM OS4-MED



DESIGNED -  
CHECKED -  
DRAWN -  
CHECKED -

EXAMINED -  
PASSED -

20  
ENGINEER OF STRUCTURAL SERVICES  
ENGINEER OF BRIDGES AND STRUCTURES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

OVERHEAD SIGN STRUCTURES  
MEDIAN SUPPORT DETAILS FOR  
32" SINGLE FACE BARRIER WALL

SCALE: AS NOTED  
DATE: MARCH 18, 2005

DRAWN BY: AMB  
CHECKED BY: TB

### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

#### GENERAL NOTES

**SPECIFICATIONS:**  
**DESIGN:** AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications") ②  
**CONSTRUCTION:** Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")  
**LOADING:** 80 M.P.H. WIND VELOCITY PLUS 30% GUST FACTOR  
**WIND LOADING:** 35 p.s.f. normal to Sign Panel Area and truss elements not behind sign Loading Diagram.  
**WALKWAY LOADING:** Dead load plus 500 lbs. concentrated live load.  
**MINIMUM CLEARANCE:** 3" greater than bridge members at all locations. (All Obstructions)  
**WELDING:** All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 Structural Welding Code (Steel) and the Standard Specifications.  
**MATERIALS:** All Structural Steel Pipe shall be ASTM A53 Grade B with a minimum yield of 35,000 p.s.i., or A500 Grade B or C with a minimum yield of 46,000 p.s.i. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53.  
 All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 (M183, M223 Gr. 50).  
**HIGH STRENGTH BOLTS:** All bolts, washers, nuts and locknuts shall satisfy the requirements of ASTM designation A307 unless noted as "H.S." which shall require AASHTO M164 (A325), ASTM A449, or approved alternate. All fasteners shall be hot dip galvanized per AASHTO M232 unless otherwise specified.  
**GALVANIZING:** All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.  
**ANCHOR RODS:** All-threaded rod conforming to ASTM A307,  $\frac{3}{4}$ "  $\phi$  x 12" long, each with one plate washer and locknut and be hot dip galvanized per AASHTO M232. They shall be either cast into the concrete or epoxy grouted in accordance with Section 584 of the Standard Specifications. Minimum embedment in concrete shall be 9".

- ① Bracket spacing  $g \leq 6'-0"$  max. Spacing shall be uniform if possible but may vary  $\pm 6"$  to miss existing obstruction (rail post, light poles, web stiffeners, splice plates, etc.). Adjust bracket lengths accordingly on skewed structures.
- ② Any design modifications shall be based on the current version of applicable specifications and submitted for the Engineer's approval.
- ③ Unit price includes grating, handrail, brackets, supports, anchor bolts, fasteners, fabrication, delivery, erection, field drilling and other necessary items. Limits of payment are based on grating length (l<sub>w</sub>, d<sub>w</sub>) unless otherwise specified.

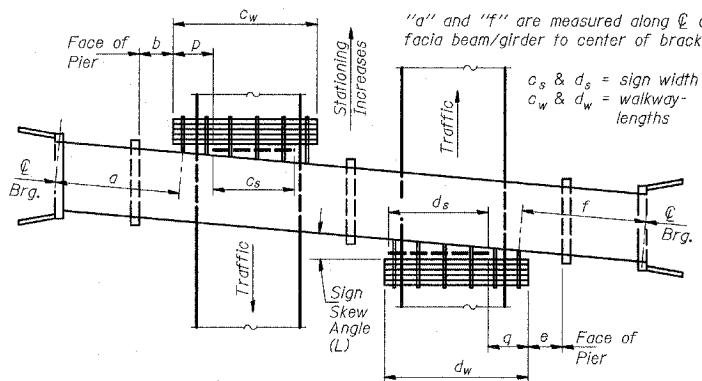
For Safety Chain Details and Details D, F and G, see Base Sheet BM-4.  
 ④ If walkway bracket at safety chain location is behind sign, add angle to bracket. See detail on Base Sheet BM-4.

NUMBER	REVISION	DATE

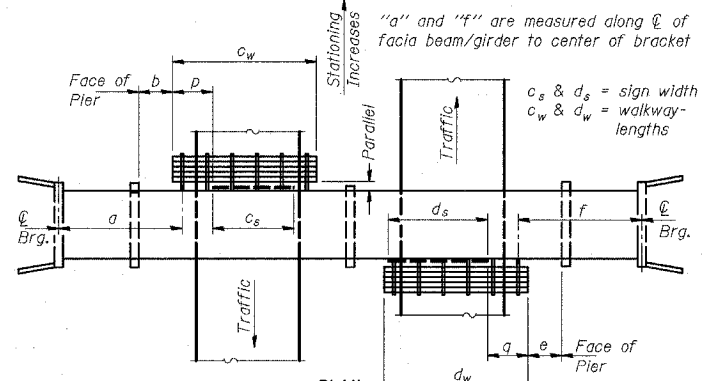
#### TOTAL BILL of MATERIAL

OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	Foot	121.00'

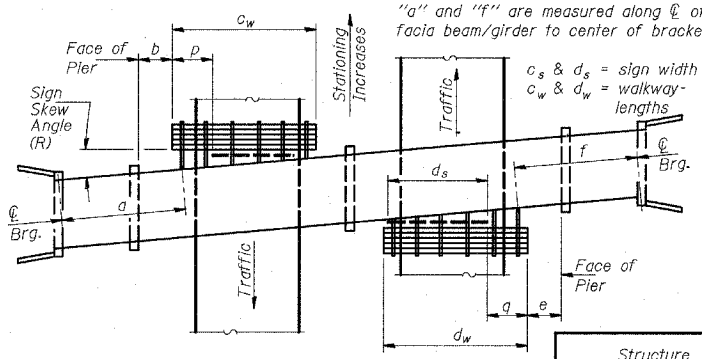
FOR BRIDGE-MOUNTED SIGN  
STRUCTURE AT STA. 2365+00,  
USE W6x12 INSTEAD OF W6x9.



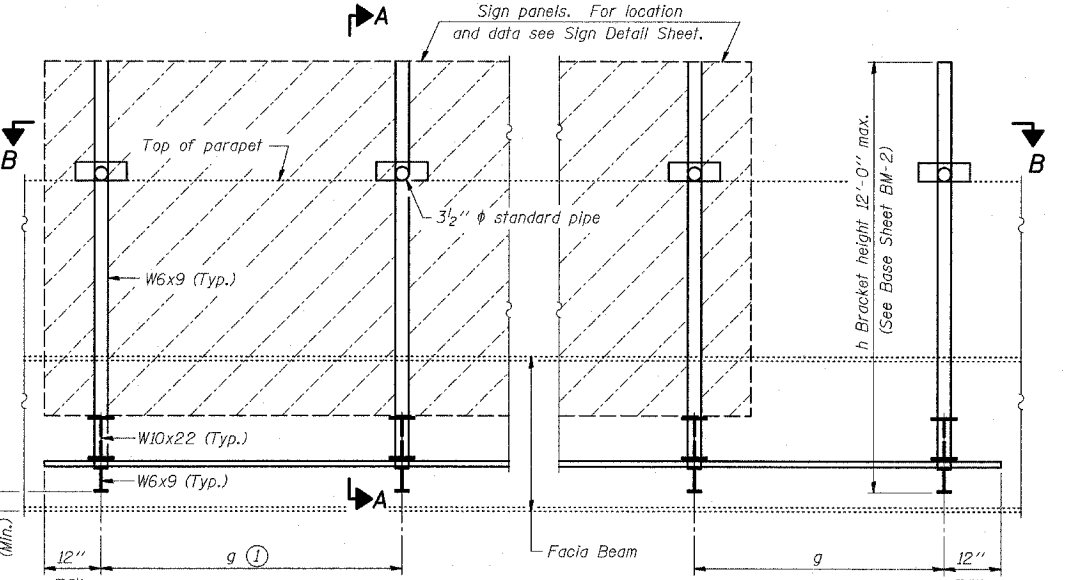
**PLAN**  
(Left Sign Skew > 15°)  
**WALKWAY AND HANDRAIL SKETCH**  
(Road plan beneath structure varies.)



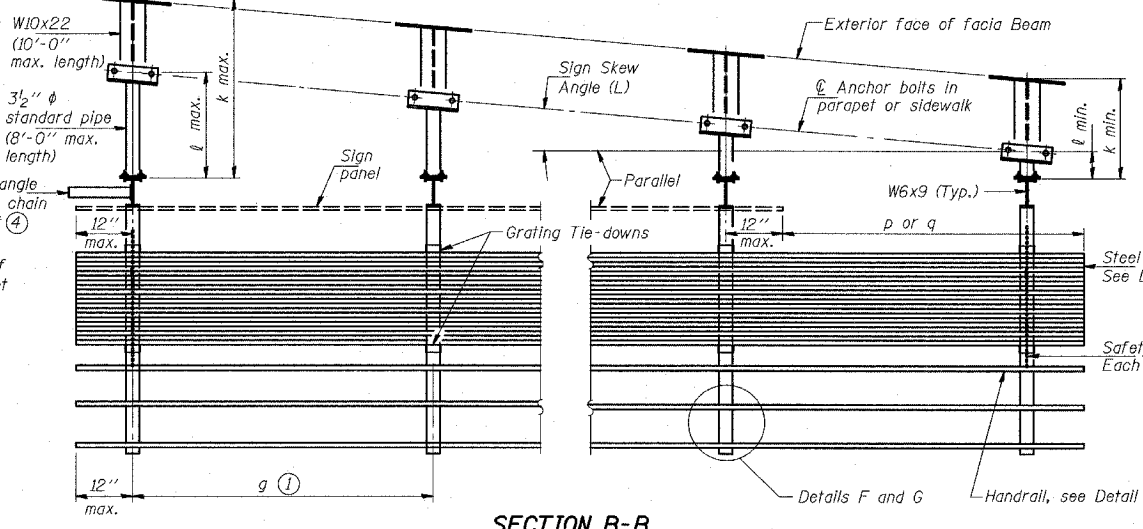
**PLAN**  
(For Sign Skew  $\leq 15^\circ$ , all brackets constant)  
**WALKWAY AND HANDRAIL SKETCH**  
(Road plan beneath structure varies.)



**PLAN**  
(Right Sign Skew > 15°)  
**WALKWAY AND HANDRAIL SKETCH**  
(Road plan beneath structure varies.)



**TYPICAL FRONT ELEVATION**  
(With lights, safety chain and handrail omitted for clarity.)



**SECTION B-B**  
(Shown: Left Sign Skew > 15°)

Structure Number	Sign Skew Angle (L) or (R)	Bridge Station	Bridge Structure Number	Contract Route Designation	a	b	c <sub>s</sub>	c <sub>w</sub>	d <sub>s</sub>	d <sub>w</sub>	e	f	g	No. of Brackets (Total)	p	q	Total Grating/Handrail Lengths (c <sub>w</sub> + d <sub>w</sub> )
1B0161094R059.8	0°	2365+00	016-1146	FAI-94					71.50'	71.50'	6.00'	51.25'	*4.83'	16			71.50'
1B0161094R060.8	0°	2312+37	016-1144	FAI-94					41.53'	49.50'		9.53'	**2.93'	12			49.50'

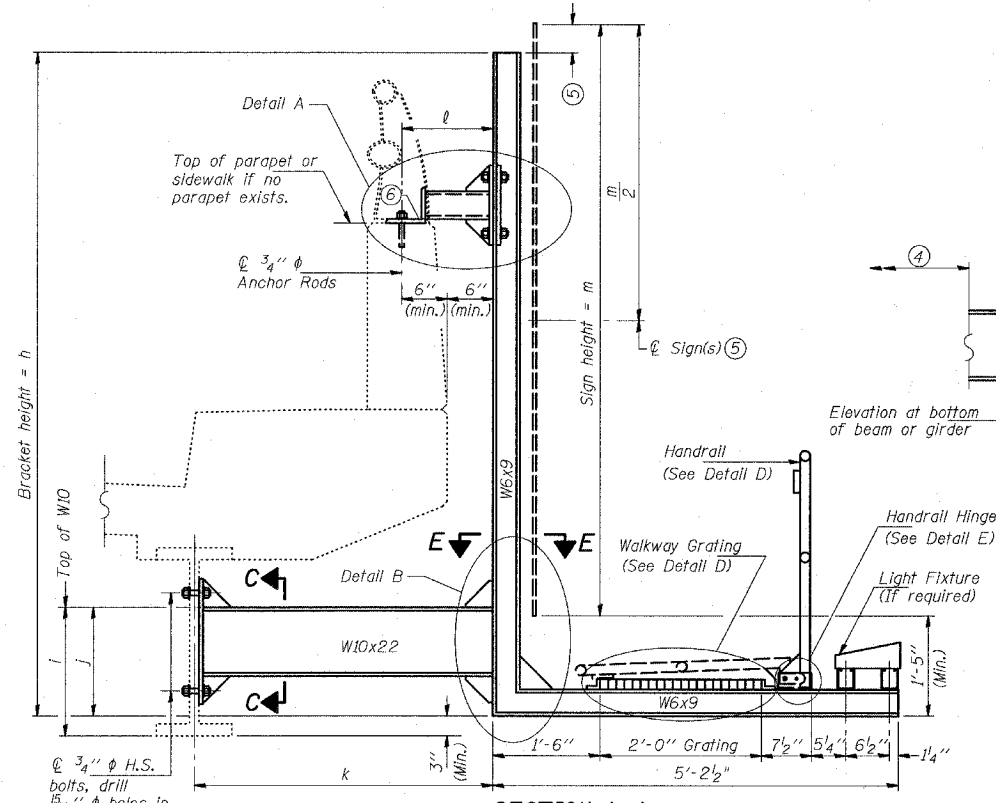
Dimensions a, b, e, f & g may vary as approved by the Engineer, see ①.  
 When c<sub>w</sub> < c<sub>s</sub> and/or d<sub>w</sub> < d<sub>s</sub>, use alternate brackets without walkway supports where applicable, see ③.

- \*Starting from bracket at the right (facing northbound), spacings are 4.83', 4.29', 5.38', 4.00', 4.00', 3.63', 5.38', 5.63', 2.96', 6.00', 3.54', 3.00', 4.92', 6.00', 5.96'.
- \*\*Starting from bracket at the left (facing northbound), spacings are 2.93', 5.00', 2.83', 6.00', 2.50', 5.54', 2.79', 5.36', 6.00', 4.67' and 4.67'.

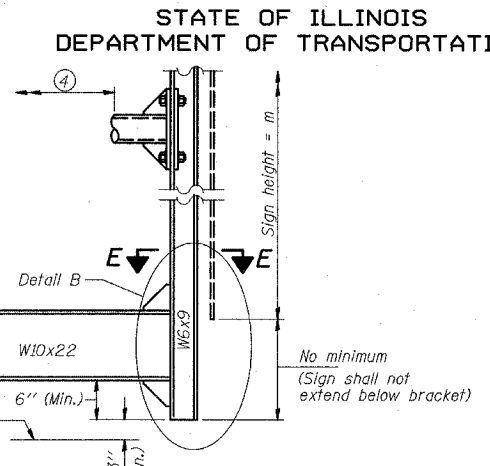
DESIGNED -	20
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	

BM-1      11/1/2002

REVISIONS	
NAME	DATE
REVISOR	05/06/05

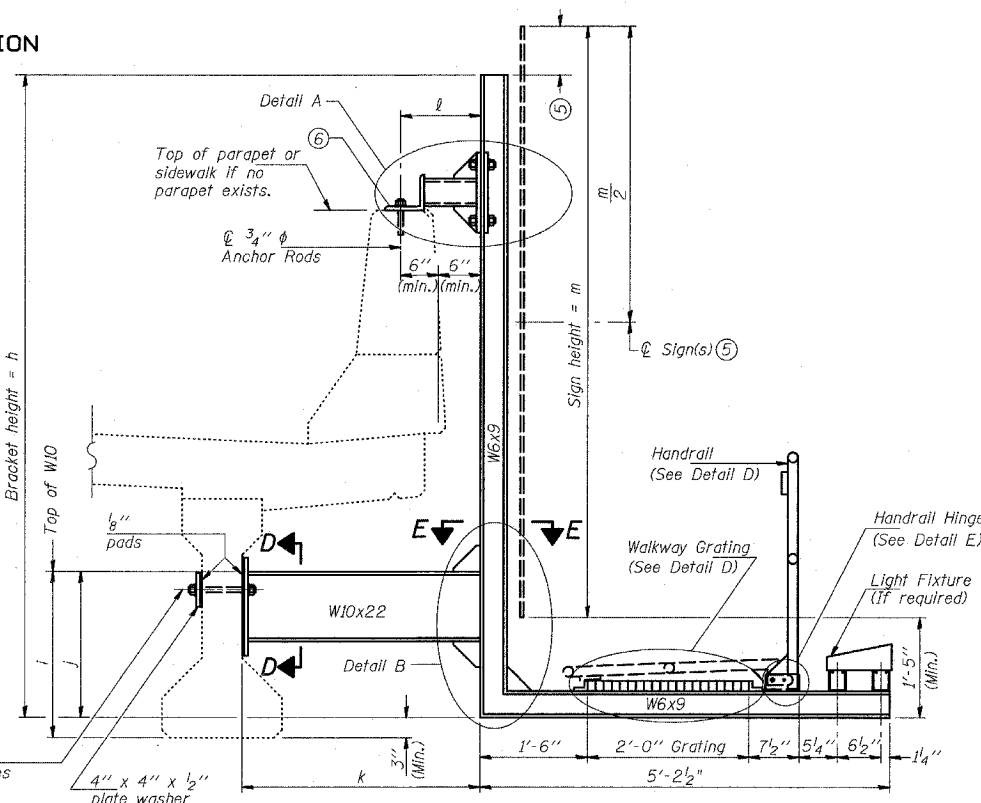


**SECTION A-A**  
 Details for mounting to steel beam or girder  
 & Details for mounting with existing parapet mounted rail



**SECTION A-A**  
 Alternate with no lights or walkways

(4) For attachment details of 3/2" pipe and W10x22, see other sections as applicable.



**SECTION A-A**  
 Details for mounting to PPC I Beam or Bulb "T"  
 & Details for mounting to parapet w/o rail

**NOTES:**  
 Installations not within dimensional limits shown require special analysis for all components and must be submitted to the Bureau of Bridges and Structures for approval.  
 Contractor shall field check all pertinent existing bridge dimensions shown on plans before submitting shop drawings.  
 All holes in bridge beams or girders should be located in the middle half of the member. There shall be no holes drilled in the lower quarter of the member's depth. (For R.C. girder, depth = bottom of deck to bottom of the girder.) Proposed exceptions must be approved by the Bureau of Bridges and Structures.  
 The Engineer may adjust dimension "i" to meet the above condition and to keep the sign level.  
 (5) Sign shall not extend more than 6" above top of bracket, and this dimension may vary to keep sign level if bridge is on grade or vertical curve. Multiple signs of various heights shall share a common horizontal centerline and use equal bracket heights. If no sign is attached to a W6x9 vertical (bracket only supporting walkway), dimension h shall be the same as an adjacent bracket with a sign attached, unless Engineer specifically directs shorter brackets due to locational restraints on future uses. (See Detail A for minimum bracket height.)  
 (6) For bridge mounted sign structures installed on new bridges with railing, during design, bracket spacing must be coordinated with railing post spacing and the Contractor must install upper brackets prior to railing installation.  
 For bridge mounted sign structures installed on existing bridges with railing, during design, brackets spacing must be coordinated with railing post spacing and the Contractor must temporarily remove sections of railing to facilitate upper bracket installation. If it is determined during design that existing railings can't be removed, alternate upper connection details must be developed for the contract plans and approved by the Bureau of Bridges and Structures.

Structure Number	Station	h	i	j	k max. (10'-0" max.)	l max. (8'-0" max.)	m
1B0161094R059.8	2365+00	13.42'	1.93'	1.50'	3.50'	1.09'	12.5'
1B0161094R060.8	2312+37	11.42'	1.81'	1.39'	3.50'	1.05'	10.5'

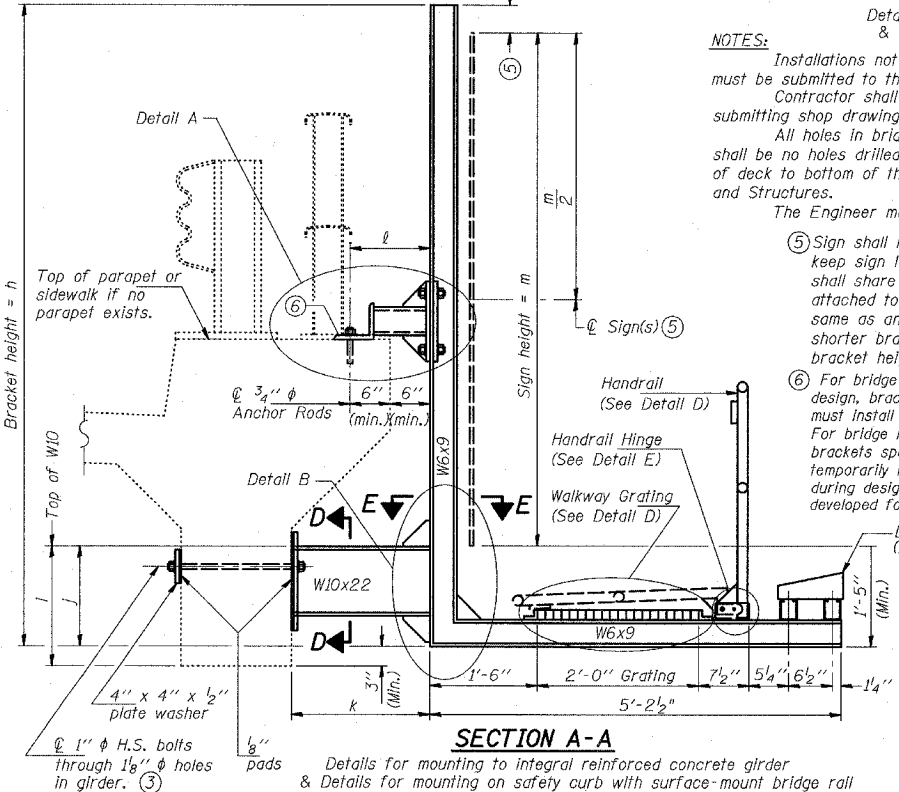
For Details A & B, Sections C-C, D-D and E-E, see Base Sheet BM-3.  
 For Details D & E, see Base Sheet BM-4.

- (1) Holes in new steel members may be drilled in the fabrication shop or in the field. Field drill existing members.
- (2) For new PPC I beams, holes shall be formed during casting. For existing PPC I beams, prestressing strand locations shall be determined and spaced to miss strands by 6" min. Minimize spalling during field drilling of existing beams.
- (3) For new construction, form holes. For existing RC beams, locate primary reinforcement and space holes to miss by 6" min. Minimize spalling and concrete fracturing/damage during field drilling of existing concrete. Spalls over 1/4" deep or beyond the coverage of the 4x4 plate washer shall be repaired with epoxy mortar before installing washer.

DESIGNED		20
CHECKED	EXAMINED	ENGINEER OF STRUCTURAL SERVICES
DRAWN	PASSED	ENGINEER OF BRIDGES AND STRUCTURES
CHECKED		

BM-2 11/1/2002

NUMBER	REVISION	DATE



**SECTION A-A**  
 Details for mounting to integral reinforced concrete girder  
 & Details for mounting on safety curb with surface-mount bridge rail

FOR BRIDGE-MOUNTED SIGN STRUCTURE AT STA. 2365+00, USE W6x12 INSTEAD OF W6x9.

REVISIONS	
NAME	DATE
REVISED	05/06/05

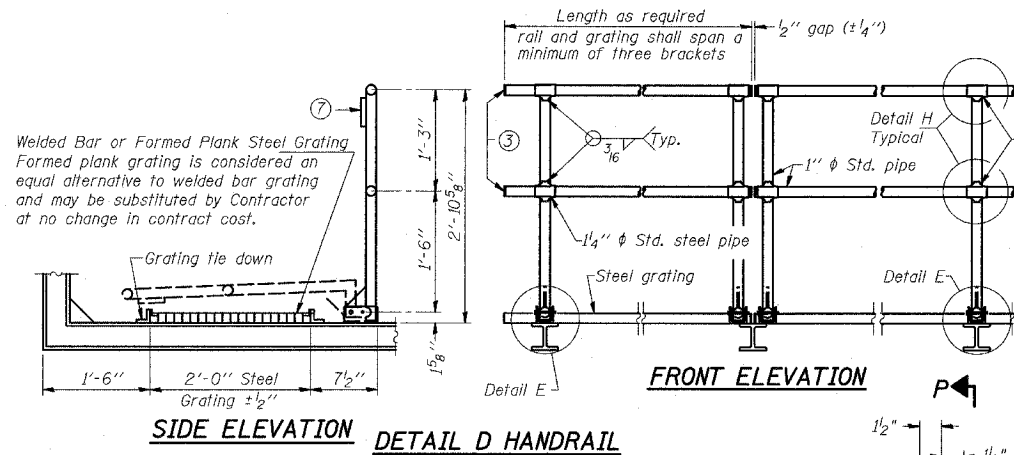
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 BRIDGE MOUNT SIGN STRUCTURES  
 WALKWAY AND CONNECTION DETAILS

SCALE: AS NOTED  
 DATE: MARCH 18, 2005  
 DRAWN BY: AMB  
 CHECKED BY: TB

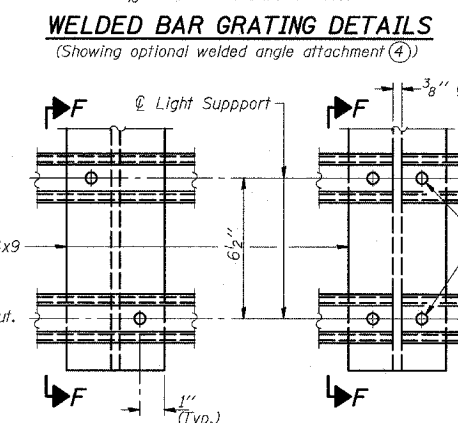
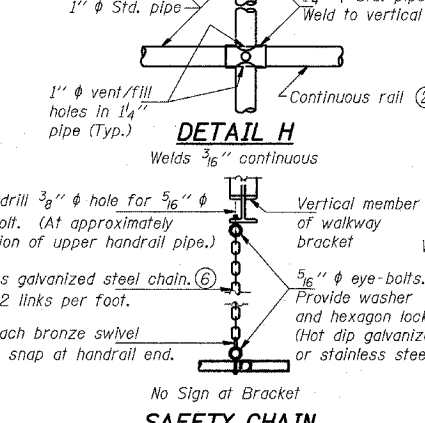
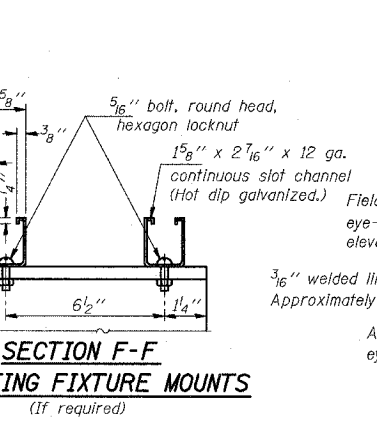
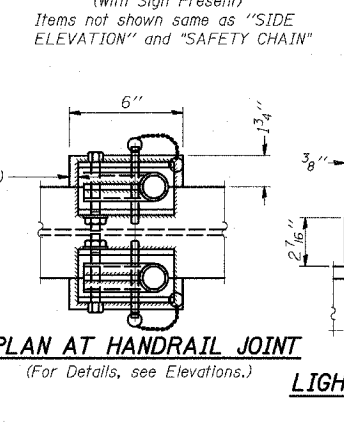
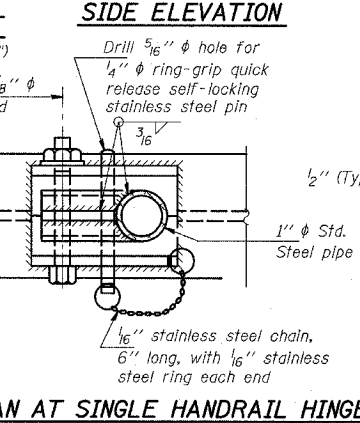
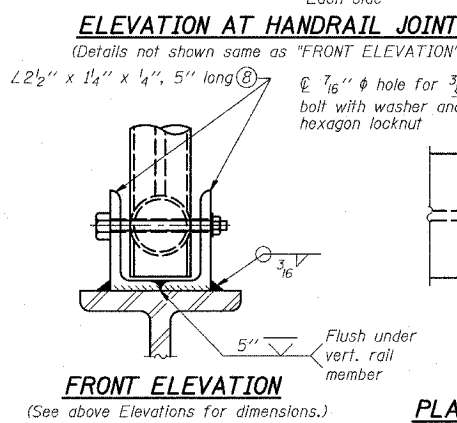
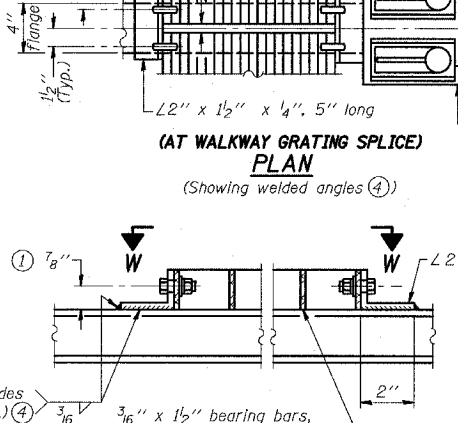
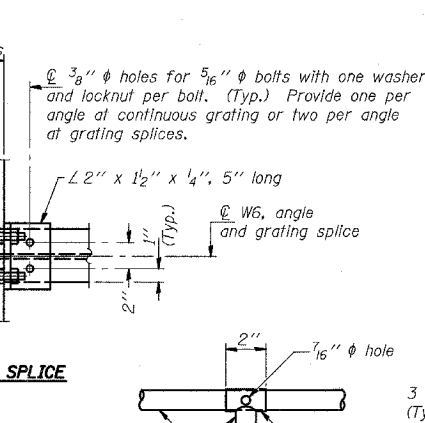
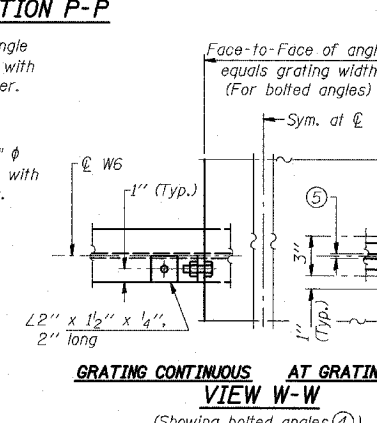
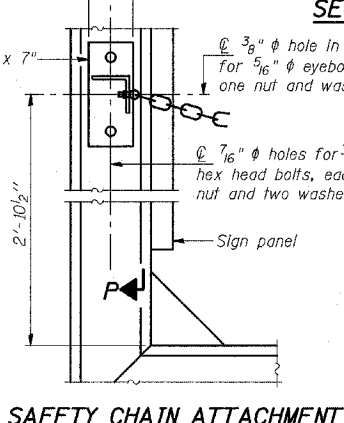
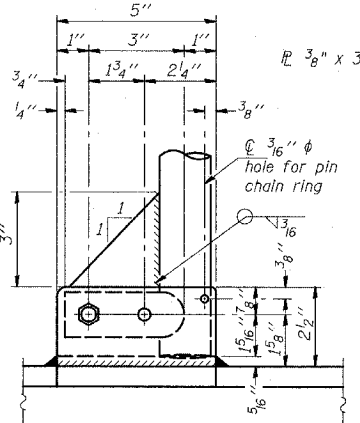
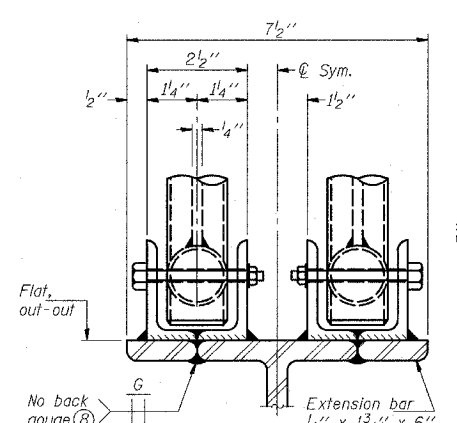
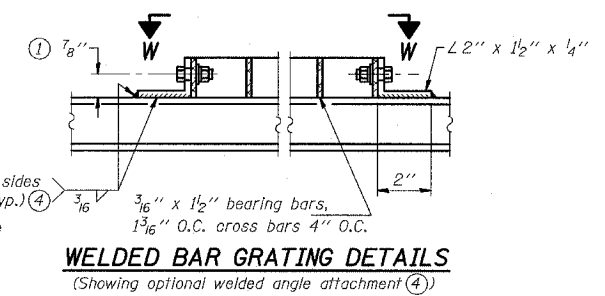
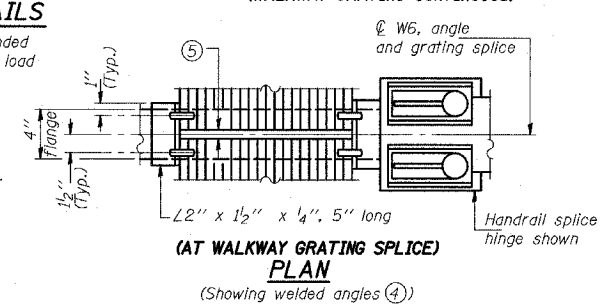
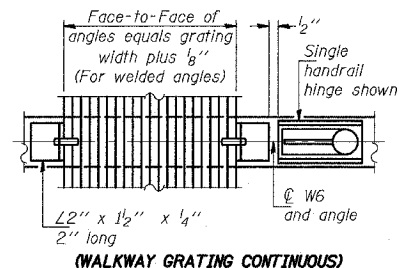
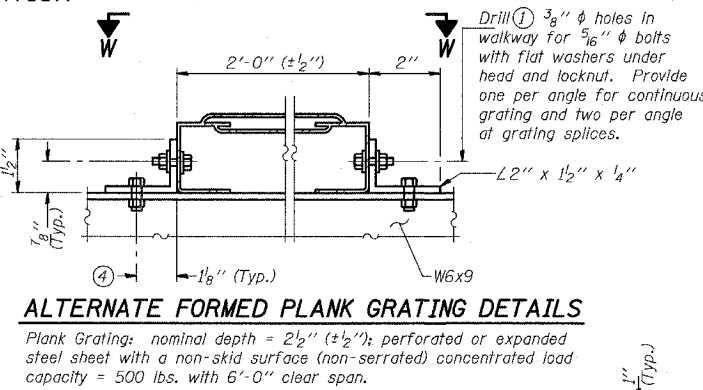
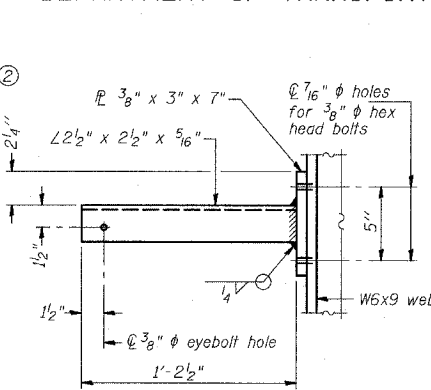




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	718
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-B		62694		



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



NUMBER	REVISION	DATE

DESIGNED	EXAMINED	20
CHECKED	ENGINEER OF STRUCTURAL SERVICES	
DRAWN	PASSED	ENGINEER OF BRIDGES AND STRUCTURES
CHECKED		

- NOTES
- Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
  - Horizontal rail member shall be continuous thru 1 $\frac{1}{4}$ "  $\phi$  pipe. Provide  $\frac{7}{16}$ "  $\phi$  hole in fitting for  $\frac{3}{8}$ "  $\phi$  bolt. Field drill  $\frac{7}{16}$ "  $\phi$  hole in horizontal rail member. Provide washer and locknut for bolt. (Use  $\frac{5}{16}$ " eyebolts in  $\frac{7}{16}$ "  $\phi$  holes on top rail at ends only.)
  - Install standard force-fit end caps or weld  $\frac{1}{8}$ " end plates with  $\frac{1}{8}$ " c.f.w. and grind smooth. (All rail ends.)
  - Grating tie-down angles may be either bolted to W6x9 after galvanizing or welded to W6x9 before galvanizing, at the Contractor's option. (No weld on grating side.)
  - $\frac{3}{8}$ " ( $\pm \frac{1}{4}$ "") gap between grating panels at splice.
  - Chain to be hot dip galvanized after manufacture and suitable for prolonged exterior exposure. Alternate materials may be substituted with the Engineer's approval. Approximately 3'-6" long chain per location. Maximum sag with handrail erected = 4".
  - L2" x 1 $\frac{1}{2}$ " x 2" welded to handrail posts to protect locations that contact grating.
  - Extrusions may be used in lieu of details shown, with approval by Engineer.
  - Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.

- NOTES
- Chain to be hot dip galvanized after manufacture and suitable for prolonged exterior exposure. Alternate materials may be substituted with the Engineer's approval. Approximately 3'-6" long chain per location. Maximum sag with handrail erected = 4".
  - L2" x 1 $\frac{1}{2}$ " x 2" welded to handrail posts to protect locations that contact grating.
  - Extrusions may be used in lieu of details shown, with approval by Engineer.
  - Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.

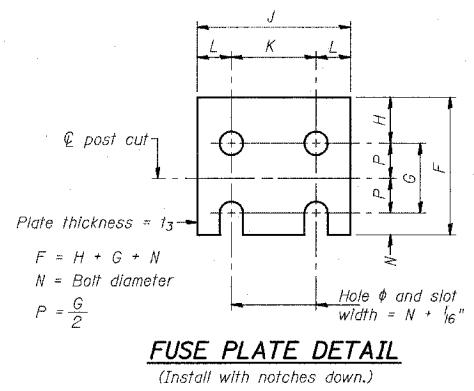
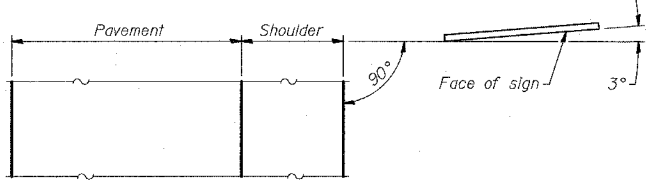
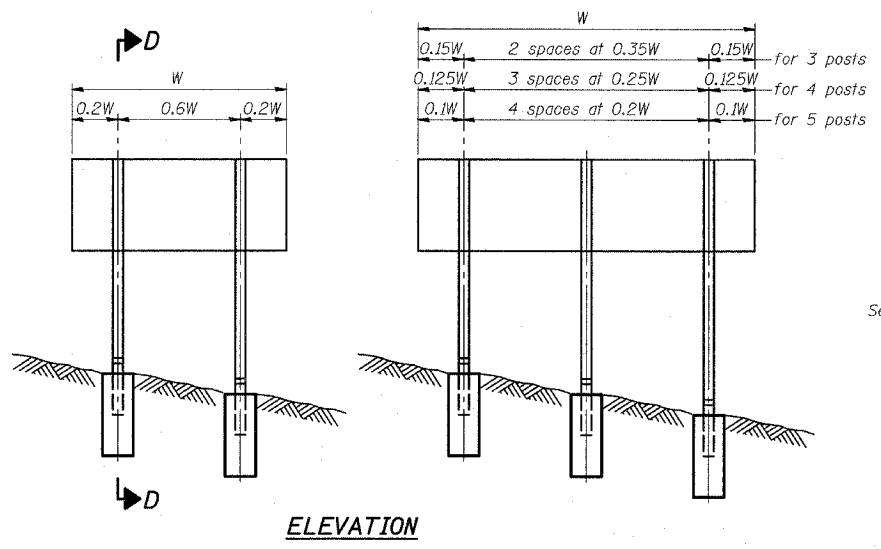
BM-4 11/1/2002

FOR BRIDGE-MOUNTED SIGN STRUCTURE AT STA. 2365+00, USE W6x12 INSTEAD OF W6x9.

REVISIONS	
NAME	DATE
REVISED	05/06/05

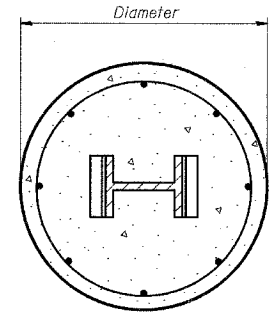
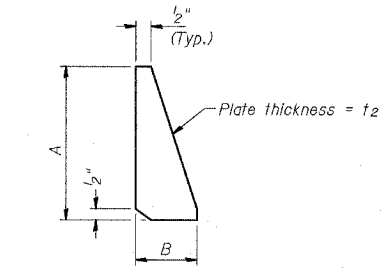
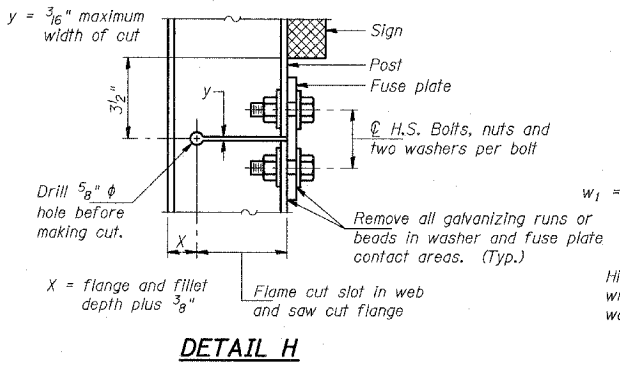
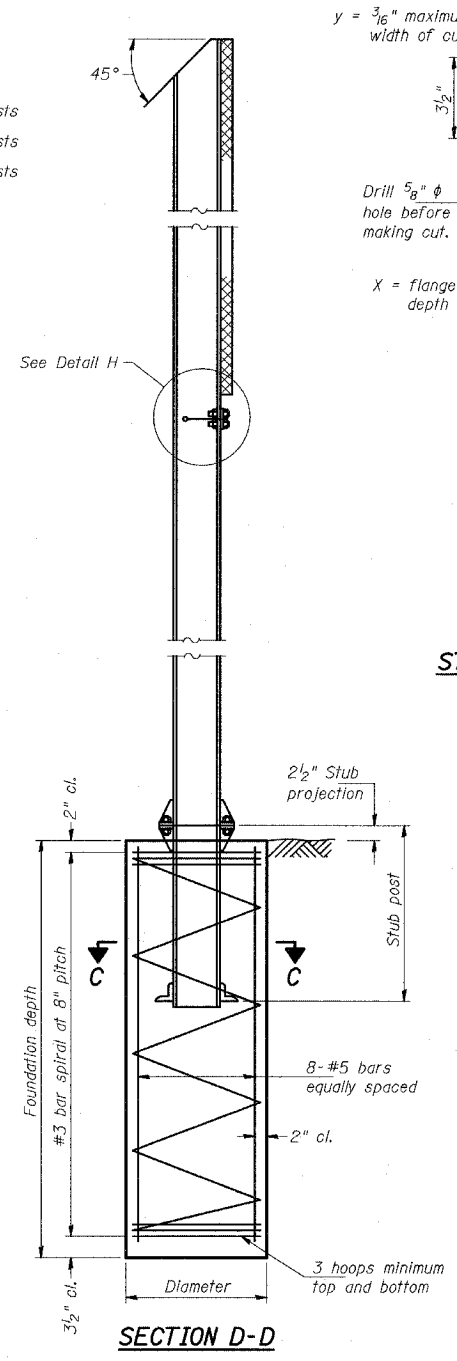
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
BRIDGE MOUNT SIGN STRUCTURES  
WALKWAY DETAILS  
SCALE: AS NOTED DRAWN BY: AMB  
DATE: MARCH 18, 2005 CHECKED BY: TB

04/29/2005 02:46:53 PM



N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"

NUMBER	REVISION	DATE



**GENERAL NOTES**

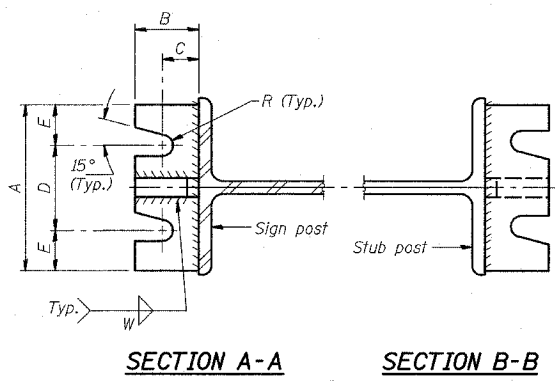
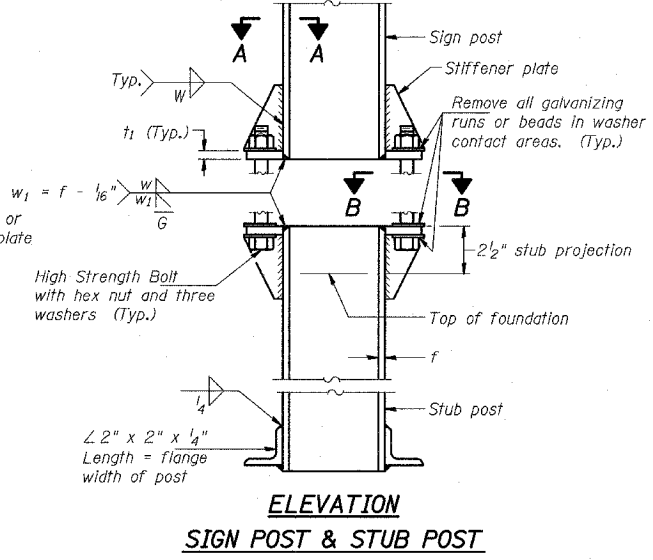
Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 505.04(f)(3), and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:  
Structural steel - 20,000 p.s.i.  
Reinforcing steel - 20,000 p.s.i.  
Concrete - 1,400 p.s.i.  
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6" (Minimum) of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.



**SHIM DETAIL**

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

REVISIONS	
NAME	DATE

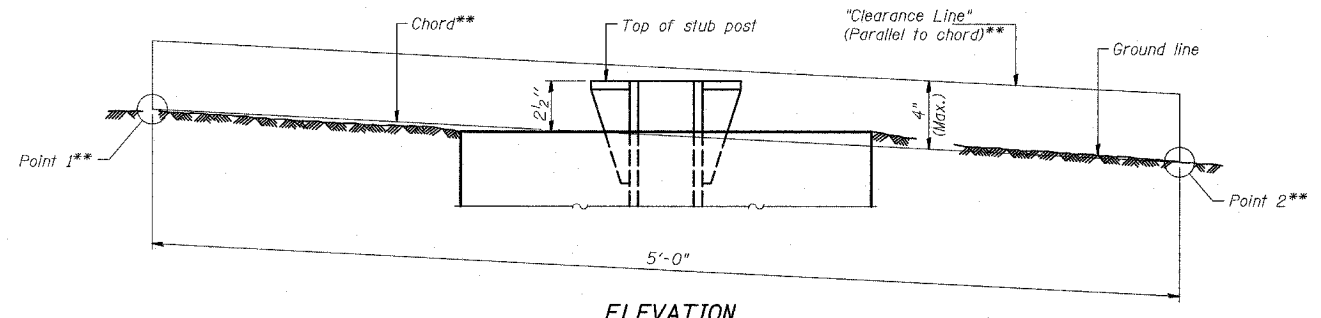
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
BREAK-AWAY WIDE FLANGE  
STEEL SIGN POST DETAILS

SCALE: AS NOTED      DRAWN BY: AMB  
DATE: MARCH 18, 2005      CHECKED BY: TB

POST	CONCRETE FOUNDATION TABLE							POST TO STUB POST CONNECTION DATA								FUSE PLATE DATA						
	Foundation			Reinforcement				Stub Post Length	Bolt Size	A	B	C	D	E	t <sub>1</sub>	t <sub>2</sub>	R	W	J	K	L	t <sub>3</sub>
	Diameter	*Minimum Depth	Concrete (cu. yds.) ①	Vertical Bars Length	Bar Diameter	Spirals Length	lbs. ②															
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3 1/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/2"	1 1/4"	4"	2 1/4"	7/8"	1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3 1/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/2"	1 1/4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 3/2"	5/16"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 3/2"	5/16"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	5/32"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	5/32"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	5/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	11/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	11/32"	3/8"	7"	3 1/2"	1 3/4"	1/2"

\*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE												
	Sign Depth												
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"
W10x22	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"
W10x26	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"
W12x26	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"
W14x30	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"
W14x38	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"
W16x45	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"



**ELEVATION**  
**GROUND LINE & STUB POST**

\*\*For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

- ① Quantity includes all concrete necessary for one foundation.
- ② Includes reinforcement bars and spiral hooping for one foundation.

NUMBER	REVISION	DATE

BAW-A-2 11/1/2002

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**BREAK-AWAY WIDE FLANGE  
STEEL SIGN POST TABLES**

SCALE: AS NOTED  
DATE: MARCH 18, 2005

DRAWN BY: AMB  
CHECKED BY: TB

EXISTING SIGN SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	721
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(1516.1, 1717 & 1818) R-8		62694		

SIGN NO.	EXISTING LOCATION			SIGN DESCRIPTION	REMAIN IN PLACE	REMOVE AND REINSTALL IN SAME LOCATION	COVER	RELOCATE	METAL POST (FT.)	
	STATION	OFFSET (FT)	MOUNTING						TYPE A	TYPE B
1	8797+87	8.7 LT	SIGN POST	NORTH	1					
2	8797+87	8.7 LT	SIGN POST	INTERSTATE 57	1					
3	8797+87	8.7 LT	SIGN POST	(ARROW)	1					
4	8797+91	8.7 LT	SIGN POST	INDIANA CHICAGO LOOP	1					
5	8797+91	8.7 LT	SIGN POST	TO	1					
6	8797+91	8.7 LT	SIGN POST	INTERSTATE 94	1					
7	8797+91	8.7 LT	SIGN POST	(ARROW)	1					
8	8797+93	53.2 RT	SIGNAL POLE	ONE WAY	1					
9	8797+93	53.2 RT	SIGNAL POLE	ONE WAY	1					
10	8797+93	53.2 RT	SIGNAL POLE	NO TURN ON RED	1					
11	8798+07	38.2 RT	SIGN POST	INDIANA CHICAGO LOOP	1					
12	8798+07	38.2 RT	SIGN POST	NORTH	1					
13	8798+07	38.2 RT	SIGN POST	INTERSTATE 57	1					
14	8798+07	38.2 RT	SIGN POST	TO	1					
15	8798+07	38.2 RT	SIGN POST	INTERSTATE 94	1					
16	8798+07	38.2 RT	SIGN POST	(ARROW)	1					
17	8798+15	36.2 RT	SIGNAL POLE	(NO TRUCKS) OVER 5 TONS	1					
18	8798+15	36.2 RT	SIGNAL POLE	NO TURN ON RED	1					
19	8799+14	37.7 RT	LIGHT POLE	(NO PARKING) TOW ZONE	1					
20	8800+26	39.4 RT	SIGN POST	ONE WAY	1					
21	8800+91	44.4 RT	LIGHT POLE	ONE WAY	1					
22	196+33	75.9 RT	SIGN POST	NORTH				1		
23	196+33	75.9 RT	SIGN POST	INTERSTATE 57				1		
24	196+33	75.9 RT	SIGN POST	(ARROW)				1		
25	196+33	78.3 RT	SIGN POST	TO				1		
26	196+33	78.3 RT	SIGN POST	INTERSTATE 94				1		
27	196+33	78.3 RT	SIGN POST	(ARROW)				1		
28	196+93	78.3 RT	SIGN POST	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000				1		
29	197+05	74.4 RT	SIGNAL POLE	(SIGNAL AHEAD)				1		
30	197+23	78.3 RT	SIGN POST	ONE WAY	1					
31	198+77	58.9 RT	LIGHT POLE	USE PROHIBITED BY MOTOR DRIVEN CYCLES, FARM IMPLEMENTS, PEDESTRIANS, NON-MOTORIZED TRAFFIC BUCKLE UP				1		2015 = 30
32	198+89	80.6 RT	SIGN POST	ONE WAY	1					
33	200+00	81.4 RT	SIGN POST	(NO PARKING) TOW ZONE	1		1			
34	200+37	45.9 RT	LIGHT POLE	CHICAGO EXPRESSWAYS, KEEP THEM CLEAN				1		13.5
35	200+56	16.4 RT	SIGNAL POLE	WAIT HERE FOR GREEN				1		
36	200+57	41.6 RT	SIGNAL POLE	WAIT HERE FOR GREEN				1		
37	201+86	117.5 RT	SIGN POST	ONE WAY	1					
38	202+20	82.9 RT	SIGN POST	ONE WAY	1					
39	202+40	135.3 RT	LIGHT POLE	ONE WAY	1					
40	202+40	135.3 RT	LIGHT POLE	ONE WAY	1					
41	202+40	135.3 RT	LIGHT POLE	STOP	1					
42	202+58	78.7 RT	SIGN POST	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000	1					
43	203+30	81.8 RT	SIGN POST	(NO PARKING) TOW ZONE	1		1			
44	203+85	81.7 RT	SIGN POST	ONE WAY	1					
45	205+15	117.1 RT	SIGN POST	ONE WAY	1					
46	205+49	80.7 RT	SIGN POST	ONE WAY	1					
47	205+70	122.4 RT	LIGHT POLE	ONE WAY	1					
48	206+52	79.8 RT	SIGN POST	(NO PARKING) TOW ZONE	1		1			
49	2021+78	190.9 RT	SIGNAL POLE	USE CROSSWALK	1					
50	2021+78	190.9 RT	SIGNAL POLE	(NO PEDESTRIANS)	1					

TYLIN INTERNATIONAL

NOTES

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF CHICAGO AND THE ENGINEER REGARDING THE RELOCATION OF EXISTING SIGNS.

ALL WORK ON THIS SCHEDULE IS GOVERNED BY ARTICLE 107.25, EXCEPT METAL POST

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 FRONTAGE ROAD EXISTING SIGN SCHEDULE  
 SHEET 1 OF 6

SCALE: NONE  
 DATE: MARCH 18, 2005  
 DRAWN BY: JJS  
 CHECKED BY: MAG

EXISTING SIGN SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	722
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(1516.1, 1717 & 1818) R-8		62694		

SIGN NO.	EXISTING LOCATION			SIGN DESCRIPTION	REMAIN IN PLACE	REMOVE AND REINSTALL IN SAME LOCATION	COVER	RELOCATE	METAL POST (FT.)	
	STATION	OFFSET (FT)	MOUNTING						TYPE A	TYPE B
51	2022+40	244.7 RT	SIGNAL POLE	ONE WAY	1					
52	2022+40	244.7 RT	SIGNAL POLE	CTA BUS STOP	1					
53	2025+13	264.4 RT	SIGN POST	(NO TRUCKS) OVER 5 TONS	1					
54	2025+88	211.9 RT	SIGN POST	ONE WAY	1					
55	2026+46	208.1 RT	SIGN POST	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000	1					
56	2027+35	144.7 RT	SIGNAL POLE	(SIGNAL AHEAD)		1				
57	2027+35	144.7 RT	SIGNAL POLE	RAMP SIGNAL		1				
58	2027+43	216.3 RT	SIGN POST	(LANE MERGING)	1					
59	2028+22	219.0 RT	SIGN POST	ONE WAY	1					
60	2029+34	68.6 RT	SIGNAL POLE	WAIT HERE FOR GREEN				1		
61	2029+40	94.4 RT	SIGNAL POLE	WAIT HERE FOR GREEN				1		
62	2030+82	223.2 RT	SIGN POST	ONE WAY	1					
63	2210+47	165.6 RT	LIGHT POLE	TAXIS STAND, 2 TAXIS HERE #709	1					
64	2210+96	165.6 RT	LIGHT POLE	TAXIS STAND, 2 TAXIS HERE #709	1					
65	2211+38	165.6 RT	LIGHT POLE	(NO PARKING) TOW ZONE	1		1			
66	2211+38	165.6 RT	LIGHT POLE	(NO PARKING) BUS STOP, TOW ZONE	1					
67	2212+29	165.8 RT	LIGHT POLE	CTA BUS STOP	1					
68	2212+59	166.4 RT	SIGN POST	DO NOT ENTER	1					
69	2212+59	166.4 RT	SIGN POST	STOP	1					
70	2212+59	125.6 RT	SIGN POST	WEST				1		
71	2212+59	125.6 RT	SIGN POST	INTERSTATE 94				1		
72	2212+59	125.6 RT	SIGN POST	(ARROW)				1		
73	2212+66	125.9 RT	SIGNAL POLE	(SIGNAL AHEAD)				1		
74	2212+91	126.0 RT	SIGN POST	(NO PARKING) TOW ZONE				1		
75	2212+91	126.0 RT	SIGN POST	(NO RIGHT TURN)				1		
76	2213+32	126.3 RT	SIGN POST	NO DUMPING, UNDER PENALTY				1		
77	2213+35	165.3 RT	LIGHT POLE	SAFE SCHOOL ZONE. WITHIN 1000 FEET OF A SCHOOL, PENALTIES ARE INCREASED FOR WEAPONS VIOLATIONS, DRUG VIOLATIONS, GANG RECRUITMENT, REPORT CRIME - DIAL 911	1					
78	2213+35	165.3 RT	LIGHT POLE	(NO PARKING) SCHOOL DAYS, 8AM-4:30 PM, TOW ZONE	1		1			
79	2214+49	165.2 RT	LIGHT POLE	SAFE SCHOOL ZONE.....	1					
80	2214+49	165.2 RT	LIGHT POLE	SCHOOL SPEED LIMIT 20 ON SCHOOL DAYS WHEN CHILDREN ARE PRESENT	1					
81	2214+49	165.2 RT	LIGHT POLE	(NO PARKING) SCHOOL DAYS, 8AM-4:30 PM, TOW ZONE	1		1			
82	2215+11	106.3 RT	SIGNAL POLE	WAIT HERE FOR GREEN	1			1		
83	2215+59	128.8 RT	SIGN POST	(NO PARKING) TOW ZONE	1		1			
84	2215+62	165.3 RT	LIGHT POLE	WARNING, SAFE SCHOOL ZONE.....	1					
85	2215+62	165.3 RT	LIGHT POLE	(NO PARKING) SCHOOL DAYS, 8AM-4:30 PM, TOW ZONE	1		1			
86	2215+85	104.1 RT	LIGHT POLE	CHICAGO EXPRESSWAYS, KEEP THEM CLEAN				1	13.5	
87	2216+75	165.3 RT	LIGHT POLE	SAFE SCHOOL ZONE.....	1					
88	2217+86	165.2 RT	LIGHT POLE	SAFE SCHOOL ZONE.....	1					
89	2217+86	165.2 RT	LIGHT POLE	(NO PARKING) SCHOOL DAYS, 8AM-4:30 PM, TOW ZONE	1		1			
90	2217+92	126.6 RT	SIGN POST	(NO PARKING) TOW ZONE	1		1			
91	2218+39	165.1 RT	SIGN POST	(NO PARKING) BUS STOP, TOW ZONE	1					
92	2219+07	165.3 RT	SIGNAL POLE	CTA BUS STOP	1					
93	2220+00	165.3 RT	SIGN POST	(NO PARKING) TOW ZONE	1					
94	2220+94	125.8 RT	SIGN POST	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000				1		
95	2221+01	165.1 RT	LIGHT POLE	SPEED LIMIT 30	1					
96	2225+11	164.9 RT	SIGN POST	NO PARKING, BUS STOP, TOW ZONE	1					
97	2226+17	130.8 RT	SIGN POST	ONE WAY				1		
98	2226+59	164.5 RT	LIGHT POLE	WARNING, SAFE SCHOOL ZONE.....	1					
99	2227+72	128.5 RT	SIGN POST	(NO PARKING)				1		

TYLIN INTERNATIONAL

NOTES

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF CHICAGO AND THE ENGINEER REGARDING THE RELOCATION OF EXISTING SIGNS.

ALL WORK ON THIS SCHEDULE IS GOVERNED BY ARTICLE 107.25., EXCEPT METAL POST

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 FRONTAGE ROAD EXISTING SIGN SCHEDULE  
 SHEET 2 OF 6

SCALE: NONE DRAWN BY: JJS  
 DATE: MARCH 18, 2005 CHECKED BY: MAG

03/25/2005 01:41:3 PM

EXISTING SIGN SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	723
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8		62694		

SIGN NO.	EXISTING LOCATION			SIGN DESCRIPTION	REMAIN IN PLACE	REMOVE AND REINSTALL IN SAME LOCATION	COVER	RELOCATE	METAL POST (FT.)	
	STATION	OFFSET (FT)	MOUNTING						TYPE A	TYPE B
100	2231+28	164.7 RT	LIGHT POLE	NO PARKING, BUS STOP, TOW ZONE	1					
101	2231+85	126.7 RT	SIGN POST	(NO PARKING)				1		
102	2232+47	118.4 RT	SIGNAL POLE	ONE WAY	1					
103	2232+47	118.4 RT	SIGNAL POLE	ONE WAY	1					
104	2232+54	178.0 RT	SIGNAL POLE	(NO TRUCKS) OVER 5 TONS	1					
105	2233+10	177.7 RT	SIGNAL POLE	ONE WAY	1					
106	2233+10	177.7 RT	SIGNAL POLE	ONE WAY	1					
107	2235+72	97.4 RT	SIGN POST	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000	1					
108	2240+83	158.3 RT	LIGHT POLE	(TWO WAY TRAFFIC)	1					
109	2242+35	164.0 RT	SIGN POST	CTA BUS STOP	1					
110	2242+54	120.9 RT	SIGN POST	ONE WAY				1		
111	2242+54	120.9 RT	SIGN POST	DO NOT ENTER				1		
112	2243+04	164.3 RT	LIGHT POLE	(TWO WAY TRAFFIC)	1					
113	2243+06	121.8 RT	SIGN POST	STOP				1		
114	2243+06	121.8 RT	SIGN POST	(LEFT TURN) ONLY				1		
115	2243+18	121.8 RT	SIGNAL POLE	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000				1		
116	2244+42	163.9 RT	LIGHT POLE	NO PARKING, BUS STOP, TOW ZONE	1					
117	2245+50	163.5 RT	LIGHT POLE	NO PARKING, BUS STOP, TOW ZONE	1					
118	2245+71	165.1 RT	SIGN POST	CTA BUS STOP	1					
119	2246+55	163.7 RT	LIGHT POLE	BEGIN ONE WAY STREET	1					
120	2246+72	76.8 RT	SIGN POST	WRONG WAY				1		
121	2246+73	109.2 RT	LIGHT POLE	WRONG WAY				1		13
122	2247+58	163.5 RT	LIGHT POLE	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
123	2248+66	124.8 RT	SIGN POST	DO NOT ENTER				1		
124	2248+67	163.5 RT	LIGHT POLE	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
125	2249+04	163.0 RT	SIGN POST	NO PARKING ANYTIME EXCEPT PERMIT #17485	1		1			
126	2249+23	163.2 RT	SIGN POST	NO PARKING ANYTIME EXCEPT PERMIT #17485	1		1			
127	2249+68	101.1 RT	SIGN POST	DO NOT ENTER				1		
128	2249+73	163.5 RT	LIGHT POLE	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
129	2251+43	163.2 RT	LIGHT POLE	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
130	2251+43	163.2 RT	LIGHT POLE	(NO PARKING) BUS STOP, TOW ZONE	1					
131	2252+01	107.0 RT	LIGHT POLE	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000	1					
132	2252+31	163.1 RT	LIGHT POLE	CTA BUS STOP	1					
133	2252+63	178.1 RT	SIGN POST	DO NOT ENTER	1					
134	2252+63	178.1 RT	SIGN POST	ONE WAY	1					
135	2252+63	178.1 RT	SIGN POST	STOP	1					
136	2252+81	106.9 RT	SIGN POST	ONE WAY	1					
137	2253+22	163.0 RT	LIGHT POLE	ONE WAY	1					
138	2253+22	163.0 RT	LIGHT POLE	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
139	2254+08	162.8 RT	LIGHT POLE	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
140	2254+99	162.9 RT	LIGHT POLE	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
141	2255+49	108.7 RT	SIGN POST	(NO PARKING)	1		1			
142	2255+86	162.9 RT	LIGHT POLE	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
143	2256+11	106.8 RT	SIGN POST	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000	1					
144	2256+75	163.4 RT	LIGHT POLE	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
145	2257+60	163.3 RT	LIGHT POLE	CHICAGO STATE (ARROW)	1					
146	2258+64	162.5 RT	LIGHT POLE	CTA BUS STOP	1					
147	2258+64	162.5 RT	LIGHT POLE	NO TURN ON RED, 7 A.M. - 7 P.M.	1					
148	2258+78	176.1 RT	SIGNAL POLE	ONE WAY	1					
149	2258+78	176.1 RT	SIGNAL POLE	ONE WAY	1					

TYLIN INTERNATIONAL

NOTES

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF CHICAGO AND THE ENGINEER REGARDING THE RELOCATION OF EXISTING SIGNS.

ALL WORK ON THIS SCHEDULE IS GOVERNED BY ARTICLE 107.25, EXCEPT METAL POST

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

FRONTAGE ROAD EXISTING SIGN SCHEDULE  
SHEET 3 OF 6

SCALE: NONE  
DATE: MARCH 18, 2005  
DRAWN BY: JJS  
CHECKED BY: MAG

03/18/2005 01:44:44 PM

EXISTING SIGN SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	724
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717 & 1818) R-8				62694

SIGN NO.	EXISTING LOCATION			SIGN DESCRIPTION	REMAIN IN PLACE	REMOVE AND REINSTALL IN SAME LOCATION	COVER	RELOCATE	METAL POST (FT.)	
	STATION	OFFSET (FT)	MOUNTING						TYPE A	TYPE B
150	2259+78	112.5 RT	SIGNAL POLE	NO TURN ON RED, 7 A.M. - 7 P.M.	1					
151	2259+89	166.1 RT	SIGNAL POLE	NO TURN ON RED, 7 A.M. - 7 P.M.	1					
152	2260+74	165.5 RT	SIGNAL POLE	(NO PARKING)	1		1			
153	2260+99	114.0 RT	SIGN POST	(NO PARKING)				1		
154	2261+42	163.2 RT	SIGN POST	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
155	2261+42	163.2 RT	SIGN POST	(NO PARKING)	1		1			
156	2261+79	163.2 RT	LIGHT POLE	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
157	2262+75	162.9 RT	LIGHT POLE	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
158	2263+74	163.0 RT	LIGHT POLE	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
159	2264+44	163.0 RT	SIGN POST	(NO PARKING) TOW ZONE	1		1			
160	2264+44	163.0 RT	SIGN POST	NO PARKING, 6AM TO 10AM, MONDAY THRU FRIDAY	1		1			
161	2265+41	124.3 RT	SIGNAL POLE	(SIGNAL AHEAD)				1		
162	2265+70	162.6 RT	LIGHT POLE	ONE WAY	1					
163	2266+11	121.3 RT	SIGN POST	ONE WAY				1		
164	2266+11	121.3 RT	SIGN POST	(NO PARKING) TOW ZONE				1		
165	2266+55	162.8 RT	LIGHT POLE	ONE WAY	1					
166	2267+21	103.0 RT	SIGNAL POLE	WAIT HERE FOR GREEN				1		
167	2268+79	92.8 RT	LIGHT POLE	CHICAGO EXPRESSWAYS, KEEP THEM CLEAN				1		13.5
168	2271+47	163.0 RT	LIGHT POLE	NO PARKING, BUS STOP, TOW ZONE	1		1			
169	2272+45	162.9 RT	LIGHT POLE	CTA BUS STOP	1					
170	2272+45	162.9 RT	LIGHT POLE	ONE WAY	1					
171	2272+60	175.4 RT	SIGN POST	(NO TRUCKS) OVER 5 TONS	1					
172	2273+04	163.9 RT	SIGN POST	ONE WAY	1					
173	2274+36	121.6 RT	SIGN POST	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000	1					
174	2276+09	163.5 RT	LIGHT POLE	(STOP SIGN AHEAD)	1					
175	2276+49	163.6 RT	SIGN POST	NO PARKING ANYTIME EXCEPT PERMIT #9193	1		1			
176	2276+72	163.5 RT	SIGN POST	NO PARKING ANYTIME EXCEPT PERMIT #9193	1		1			
177	2277+39	77.7 RT	SIGN POST	NO PARKING, TOW ZONE				1		
178	2277+72	162.8 RT	SIGN POST	NO PARKING ANYTIME EXCEPT PERMIT #8869	1		1			
179	2277+72	162.8 RT	SIGN POST	RESERVED PARKING (HANDICAPPED)	1		1			
180	2277+98	162.3 RT	SIGN POST	NO PARKING ANYTIME EXCEPT PERMIT #8869	1		1			
181	2277+98	162.3 RT	SIGN POST	RESERVED PARKING (HANDICAPPED)	1		1			
182	2278+24	162.3 RT	SIGN POST	NO PARKING, BUS STOP, TOW ZONE	1					
183	2279+00	163.3 RT	LIGHT POLE	STOP	1					
184	2279+00	163.3 RT	LIGHT POLE	ONE WAY	1					
185	2279+11	126.3 RT	SIGN POST	STOP	1					
186	2279+42	123.4 RT	SIGN POST	ONE WAY	1					
187	2279+85	163.4 RT	LIGHT POLE	ONE WAY	1					
188	2282+10	121.8 RT	SIGN POST	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000	1					
189	2284+83	163.4 RT	LIGHT POLE	(NO PARKING) BUS STOP, TOW ZONE	1					
190	2285+07	121.4 RT	SIGN POST	(NO PARKING)	1		1			
191	2285+66	179.0 RT	SIGNAL POLE	ONE WAY	1					
192	2285+66	179.0 RT	SIGNAL POLE	ONE WAY	1					
192	2313+34	183.3 RT	SIGNAL POLE	NO TURN ON RED, 7 A.M. - 7 P.M.	1					
193	2313+34	183.3 RT	SIGNAL POLE	ONE WAY	1					
194	2313+34	183.3 RT	SIGNAL POLE	CTA BUS STOP	1					
195	2313+34	183.3 RT	SIGNAL POLE	ONE WAY	1					
196	2313+46	112.7 RT	SIGNAL POLE	NO TURN ON RED, 7 A.M. - 7 P.M.	1					
197	2313+49	164.6 RT	SIGNAL POLE	NO TURN ON RED, 7 A.M. - 7 P.M.	1					
198	2314+50	163.8 RT	SIGN POST	CTA BUS STOP	1					
199	2314+50	163.8 RT	SIGN POST	(NO PARKING) TOW ZONE	1		1			
200	2314+50	163.8 RT	SIGN POST	(NO PARKING) BUS STOP, TOW ZONE	1					
201	2315+34	164.6 RT	LIGHT POLE	(NO PARKING) TOW ZONE	1		1			

TYLIN INTERNATIONAL

NOTES

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF CHICAGO AND THE ENGINEER REGARDING THE RELOCATION OF EXISTING SIGNS.

ALL WORK ON THIS SCHEDULE IS GOVERNED BY ARTICLE 107.25, EXCEPT METAL POST

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 FRONTAGE ROAD EXISTING SIGN SCHEDULE  
 SHEET 4 OF 6

SCALE: NONE DRAWN BY: JJS  
 DATE: MARCH 18, 2005 CHECKED BY: MAG

03/25/2005 01:41:05 PM



EXISTING SIGN SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	725
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-8				62694

SIGN NO.	EXISTING LOCATION			SIGN DESCRIPTION	REMAIN IN PLACE	REMOVE AND REINSTALL IN SAME LOCATION	COVER	RELOCATE	METAL POST (FT.)	
	STATION	OFFSET (FT)	MOUNTING						TYPE A	TYPE B
202	2316+22	165.6 RT	LIGHT POLE	(NO PARKING) TOW ZONE	1		1			
203	2317+07	167.3 RT	LIGHT POLE	(NO PARKING) TOW ZONE	1		1			
204	2317+45	118.7 RT	SIGNAL POLE	(SIGNAL AHEAD)				1		
205	2317+45	118.7 RT	SIGNAL POLE	RAMP SIGNAL				1		
206	2317+94	169.5 RT	LIGHT POLE	NO PARKING, BUS STOP, TOW ZONE	1					
207	2318+12	110.7 RT	LIGHT POLE	USE PROHIBITED BY MOTOR DRIVEN CYCLES, FARM IMPLEMENTS, PEDESTRIANS, NON-MOTORIZED TRAFFIC BUCKLE UP				1		2@15 = 30
208	2318+61	74.8 RT	SIGNAL POLE	WAIT HERE FOR GREEN				1		
209	2318+65	100.6 RT	SIGNAL POLE	WAIT HERE FOR GREEN				1		
210	2318+82	171.6 RT	LIGHT POLE	ONE WAY	1					
211	2318+82	171.6 RT	LIGHT POLE	CTA BUS STOP	1					
212	2318+82	171.6 RT	LIGHT POLE	CTA BUS STOP	1					
213	2319+03	192.9 RT	SIGN POST	(NO TRUCKS) OVER 5 TONS	1					
214	2319+63	94.7 RT	LIGHT POLE	CHICAGO EXPRESSWAYS, KEEP THEM CLEAN				1		13.5
215	2319+64	127.1 RT	SIGN POST	(NO PARKING) TOW ZONE				1		
216	2319+64	127.1 RT	SIGN POST	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000				1		
217	2320+45	180.4 RT	LIGHT POLE	NO PARKING, LOADING ZONE, 8 AM TO 7 PM, MONDAY THRU SATURDAY	1		1			
218	2320+97	183.3 RT	SIGN POST	NO PARKING, LOADING ZONE, 8 AM TO 7 PM, MONDAY THRU SATURDAY	1		1			
219	2322+60	146.2 RT	SIGN POST	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000				1		
220	2324+69	205.4 RT	SIGN POST	NO PARKING, BUS STOP, TOW ZONE	1					
221	2325+43	209.4 RT	LIGHT POLE	ONE WAY	1					
222	2325+43	209.4 RT	LIGHT POLE	CTA BUS STOP	1					
223	2325+43	209.4 RT	LIGHT POLE	CTA BUS STOP	1					
224	2325+87	165.0 RT	SIGN POST	ONE WAY				1		
225	2325+87	165.0 RT	SIGN POST	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000				1		
226	2326+40	140.9 RT	LIGHT POLE	WRONG WAY				1		13
227	2327+67	166.7 RT	LIGHT POLE	DO NOT ENTER				1	2@13.5 = 27	
228	2327+88	138.2 RT	SIGN POST	DO NOT ENTER				1		
229	2330+20	225.7 RT	LIGHT POLE	(NO PARKING) TOW ZONE	1		1			
230	2330+22	156.5 RT	LIGHT POLE	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000				1		13.5
231	2331+18	227.0 RT	LIGHT POLE	NO PARKING, BUS STOP, TOW ZONE	1					
232	2331+18	227.0 RT	LIGHT POLE	(NO PARKING) TOW ZONE	1		1			
233	2332+14	227.4 RT	LIGHT POLE	CTA BUS STOP	1					
234	2332+14	227.4 RT	LIGHT POLE	CTA BUS STOP	1					
235	2332+24	142.2 RT	SIGNAL POLE	ONE WAY	1					
236	2332+24	142.2 RT	SIGNAL POLE	ONE WAY	1					
237	2334+96	157.8 RT	LIGHT POLE	(NO PARKING)	1		1			
238	2334+96	157.8 RT	LIGHT POLE	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000	1					
239	2336+73	158.0 RT	LIGHT POLE	(NO) PEDDLING	1					
240	2336+73	158.0 RT	LIGHT POLE	(NO PARKING)	1		1			
241	2336+87	227.4 RT	LIGHT POLE	WALGREENS ADOPT-A-STREET PROGRAM	1					
242	2337+61	227.1 RT	LIGHT POLE	NO PARKING, BUS STOP, TOW ZONE	1					
243	2338+47	158.5 RT	LIGHT POLE	(NO) PEDDLING	1					
244	2338+47	158.5 RT	LIGHT POLE	(NO PARKING)	1		1			
245	2338+49	227.4 RT	SIGNAL POLE	(NO) PEDDLING	1					
246	2338+49	227.4 RT	SIGNAL POLE	CTA BUS STOP	1					
247	2338+49	227.4 RT	SIGNAL POLE	CTA BUS STOP	1					

TYLIN INTERNATIONAL

NOTES

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF CHICAGO AND THE ENGINEER REGARDING THE RELOCATION OF EXISTING SIGNS.

ALL WORK ON THIS SCHEDULE IS GOVERNED BY ARTICLE 107.25, EXCEPT METAL POST

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 FRONTAGE ROAD EXISTING SIGN SCHEDULE  
 SHEET 5 OF 6

SCALE: NONE  
 DATE: MARCH 18, 2005  
 DRAWN BY: JJS  
 CHECKED BY: MAG

03/25/2005 01:41:16 PM

EXISTING SIGN SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	726
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8				62694

SIGN NO.	EXISTING LOCATION			SIGN DESCRIPTION	REMAIN IN PLACE	REMOVE AND REINSTALL IN SAME LOCATION	COVER	RELOCATE	METAL POST (FT.)	
	STATION	OFFSET (FT)	MOUNTING						TYPE A	TYPE B
248	2338+65	243.2 RT	LIGHT POLE	ONE WAY	1					
249	2338+65	243.2 RT	LIGHT POLE	ONE WAY	1					
250	2339+47	250.9 RT	SIGNAL POLE	CTA BUS STOP	1					
251	2339+55	158.0 RT	SIGNAL POLE	ONE WAY	1					
252	2339+55	158.0 RT	SIGNAL POLE	ONE WAY	1					
253	2340+58	157.9 RT	LIGHT POLE	(NO PARKING) TOW ZONE				1		13.5
254	2343+46	157.4 RT	LIGHT POLE	WEST				1	2@15 = 30	
255	2343+46	157.4 RT	LIGHT POLE	INTERSTATE 94				1		
256	2343+46	157.4 RT	LIGHT POLE	(ARROW)				1		
257	2344+14	154.6 RT	SIGNAL POLE	(SIGNAL AHEAD)				1		
258	2344+27	227.1 RT	SIGN POST	NO PARKING, BUS STOP, TOW ZONE	1					
259	2344+43	158.0 RT	LIGHT POLE	(NO PARKING) TOW ZONE	1		1			
260	2345+40	227.7 RT	SIGN POST	CTA BUS STOP	1					
261	2345+53	230.7 RT	SIGN POST	ONE WAY	1					
262	2345+56	130.1 RT	LIGHT POLE	USE PROHIBITED BY MOTOR DRIVEN CYCLES, FARM IMPLEMENTS, PEDESTRIANS, NON-MOTORIZED TRAFFIC BUCKLE UP				1		2@15 = 30
263	2345+66	247.7 RT	SIGN POST	DO NOT ENTER	1					
264	2345+96	94.3 RT	SIGNAL POLE	WAIT HERE FOR GREEN				1		
265	2345+99	119.9 RT	SIGNAL POLE	WAIT HERE FOR GREEN				1		
266	2346+20	227.0 RT	LIGHT POLE	ONE WAY	1					
267	2346+40	227.0 RT	SIGN POST	(NO PARKING) TOW ZONE	1		1			
268	2346+97	158.1 RT	LIGHT POLE	(NO PARKING) TOW ZONE	1		1			
269	2347+77	158.1 RT	LIGHT POLE	NO DUMPING, LITTERING, GRAFFITI, FINES UP TO \$2000, CALL 744-5000	1					
270	2351+24	226.9 RT	LIGHT POLE	NO PARKING, BUS STOP, TOW ZONE	1					
271	2352+02	229.2 RT	SIGN POST	CTA BUS STOP	1					
272	2352+09	158.4 RT	LIGHT POLE	ONE WAY				1		13.5
273	2352+49	157.8 RT	SIGN POST	ONE WAY				1		
274	2352+89	228.9 RT	LIGHT POLE	WARNING, SAFE SCHOOL ZONE.....	1					
275	2353+91	158.3 RT	LIGHT POLE	(NO PARKING) TOW ZONE				1		13.5
276	2355+91	227.3 RT	LIGHT POLE	WARNING, SAFE SCHOOL ZONE.....	1					
277	2356+76	98.6 RT	SIGN POST	WRONG WAY				1		
278	2356+77	127.8 RT	LIGHT POLE	WRONG WAY				1		13
279	2357+81	157.8 RT	LIGHT POLE	(NO PARKING) TOW ZONE				1		13.5
280	2357+82	226.9 RT	LIGHT POLE	NO PARKING, BUS STOP, TOW ZONE	1					
281	2358+36	151.9 RT	LIGHT POLE	DO NOT ENTER				1	2@13.5 = 27	
282	2358+68	158.0 RT	LIGHT POLE	ONE WAY				1		13.5
283	2358+69	226.8 RT	LIGHT POLE	ONE WAY	1					
284	2359+57	226.8 RT	LIGHT POLE	ONE WAY	1					
285	2360+47	226.7 RT	LIGHT POLE	(PARKING) ONE HOUR PARKING, 9AM-6PM, MON - SAT	1					
286	2361+35	226.5 RT	LIGHT POLE	ONE HOUR PARKING, 9AM TO 6 PM, MONDAY THRU SATURDAY	1					
287	2363+14	226.7 RT	LIGHT POLE	ONE HOUR PARKING, 9AM TO 6 PM, MONDAY THRU SATURDAY	1					
288	2363+14	226.7 RT	LIGHT POLE	ONE HOUR PARKING, 9AM TO 6 PM, MONDAY THRU SATURDAY	1					
289	2364+04	158.1 RT	LIGHT POLE	C.R.O.E. ARCHIVES AND TELEVISION STUDIO	1					
290	2364+05	226.9 RT	LIGHT POLE	NO PARKING, BUS STOP, TOW ZONE	1					
291	2364+05	226.9 RT	LIGHT POLE	ONE HOUR PARKING, 9AM TO 6 PM, MONDAY THRU SATURDAY	1					
292	2364+94	229.5 RT	LIGHT POLE	NO TURN ON RED, 7 A.M. - 7 P.M.	1					
293	2364+94	229.5 RT	LIGHT POLE	(NO) PEDDLING	1					
294	2364+95	158.7 RT	LIGHT POLE	(NO) PEDDLING	1					
295	2364+99	146.0 RT	SIGNAL POLE	ONE WAY	1					
296	2364+99	146.0 RT	SIGNAL POLE	ONE WAY	1					
297	2366+14	235.5 RT	SIGNAL POLE	(NO) PEDDLING	1					
298	2366+14	235.5 RT	SIGNAL POLE	NO TURN ON RED, 7 A.M. - 7 P.M.	1					
			TOTAL		223	2	52	74	84	264

TYLIN INTERNATIONAL

NOTES

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF CHICAGO AND THE ENGINEER REGARDING THE RELOCATION OF EXISTING SIGNS.

ALL WORK ON THIS SCHEDULE IS GOVERNED BY ARTICLE 107.25, EXCEPT METAL POST

REVISIONS	
NAME	DATE

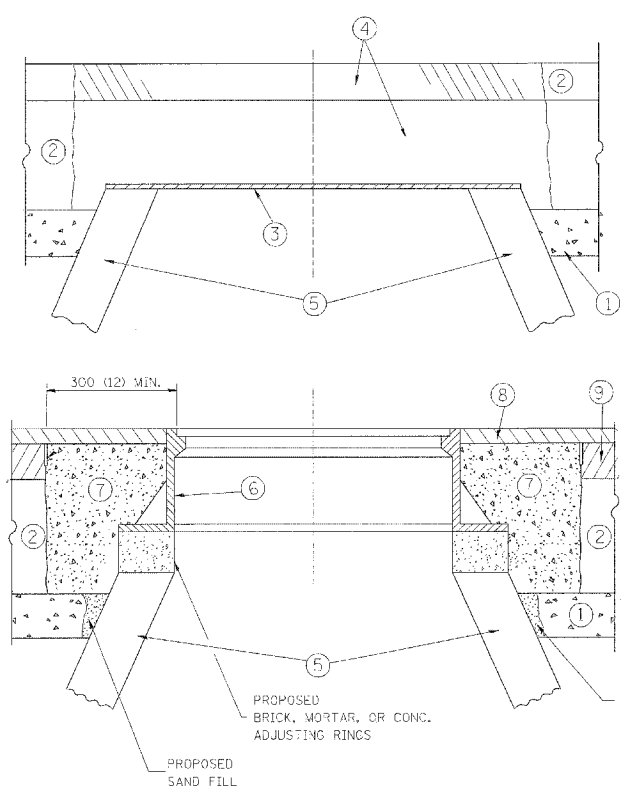
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 FRONTAGE ROAD EXISTING SIGN SCHEDULE  
 SHEET 6 OF 6

SCALE: NONE  
 DATE: MARCH 18, 2005  
 DRAWN BY: JJS  
 CHECKED BY: MAG

03/25/2005 01:41:18 PM

F. A. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			860	727
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62694



**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 300 (12) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 900 (36) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 40 (1 1/2) THICK BITUMINOUS MATERIAL APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE BITUMINOUS MATERIAL AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE, OR BITUMINOUS CONCRETE SURFACE OR BINDER COURSE MATERIAL TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 900 (36) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND BITUMINOUS MATERIAL
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS SI CONCRETE, BITUMINOUS CONCRETE SURFACE OR BINDER COURSE MATERIAL
- ⑧ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE
- ⑨ PROPOSED BITUMINOUS CONCRETE BINDER COURSE

**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:** FRAMES AND LIDS TO BE ADJUSTED, SPECIAL FACT

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

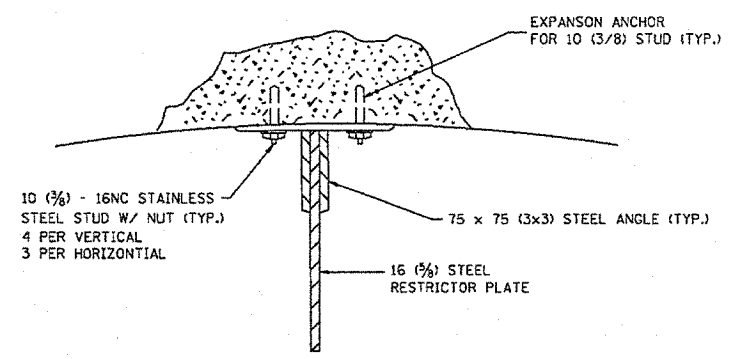
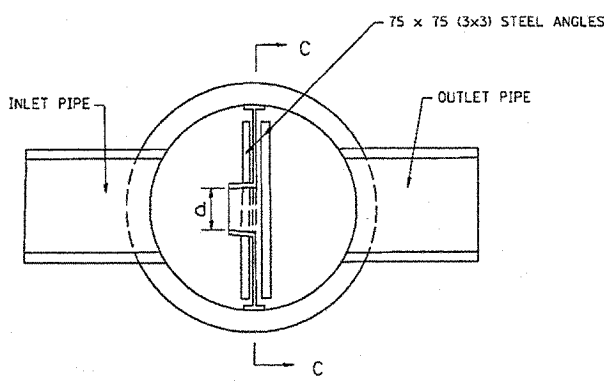
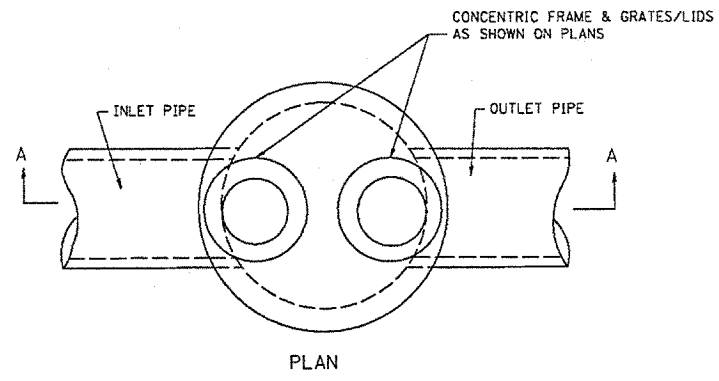
REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/30/95
R. SHAH	03/10/95
A. ABBAS	10/21/97
R. WIEDEMAN	05/14/04

SCALE: NONE  
DATE: 05/17/2004

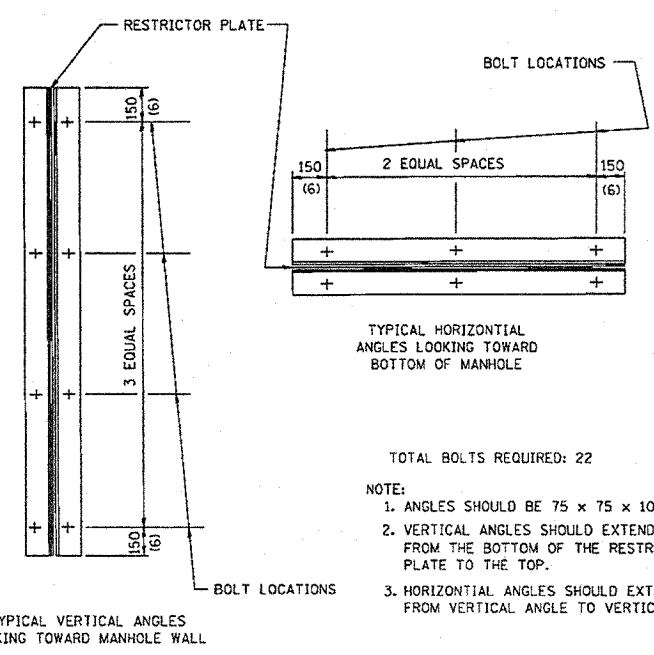
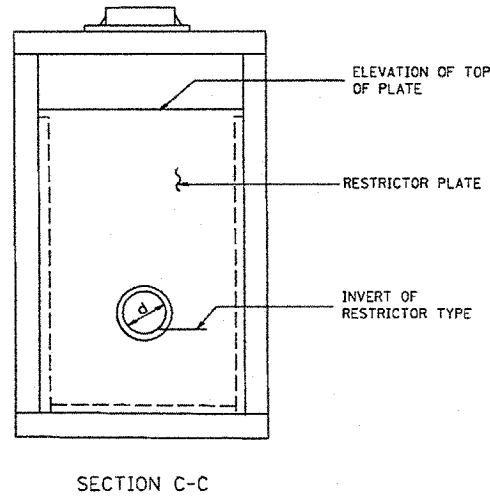
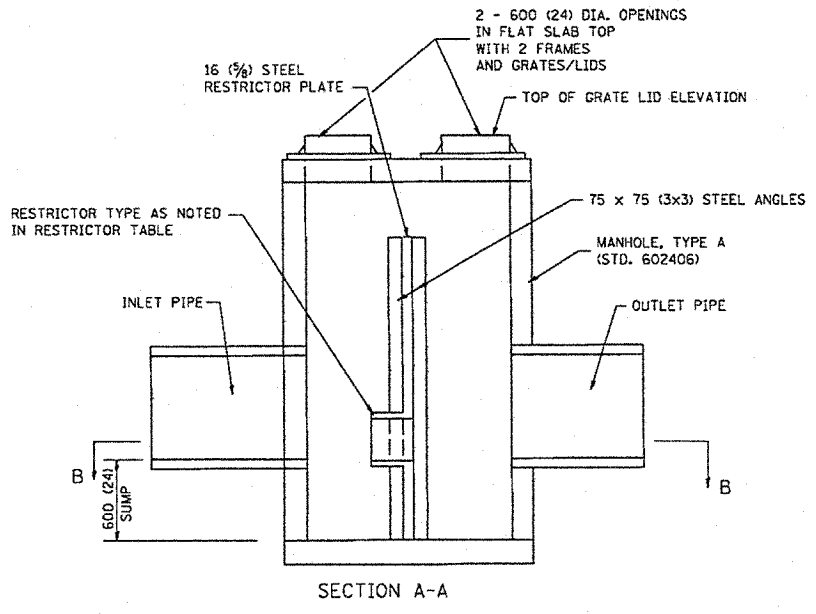
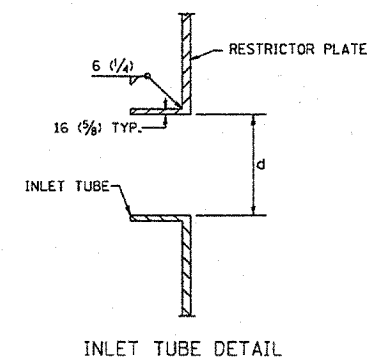
DRAWN BY  
CHECKED BY

BD600-03 (BD-8)  
REVISION DATE: 05/17/04

62694



- NOTES:
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
  2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
  3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 1.8m (6FT.) DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH.



- TOTAL BOLTS REQUIRED: 22
- NOTE:
1. ANGLES SHOULD BE 75 x 75 x 10 (3x3x3/8)
  2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
  3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER mm (in.) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
3AS 206+08.00	6'	TIF CL	2	30"	-15.08	-2.98
3C3 216+48.30	6'	TIF CL	2	30"	-16.98	+0.18
74 2085+92.40	6'	TIF CL	2	21"	-11.97	5.34
77 2036+19.20	6'	TIF CL	2	12"	-11.47	5.89

ILLINOIS DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE

REVISIONS	
NAME	DATE
R. SHAH	09/09/94
R. SHAH	10/25/94
E. GOMEZ	08/28/00
M. GOMEZ	01/08/01

SCALE: NONE

DATE 10/18/2002

DRAWN BY

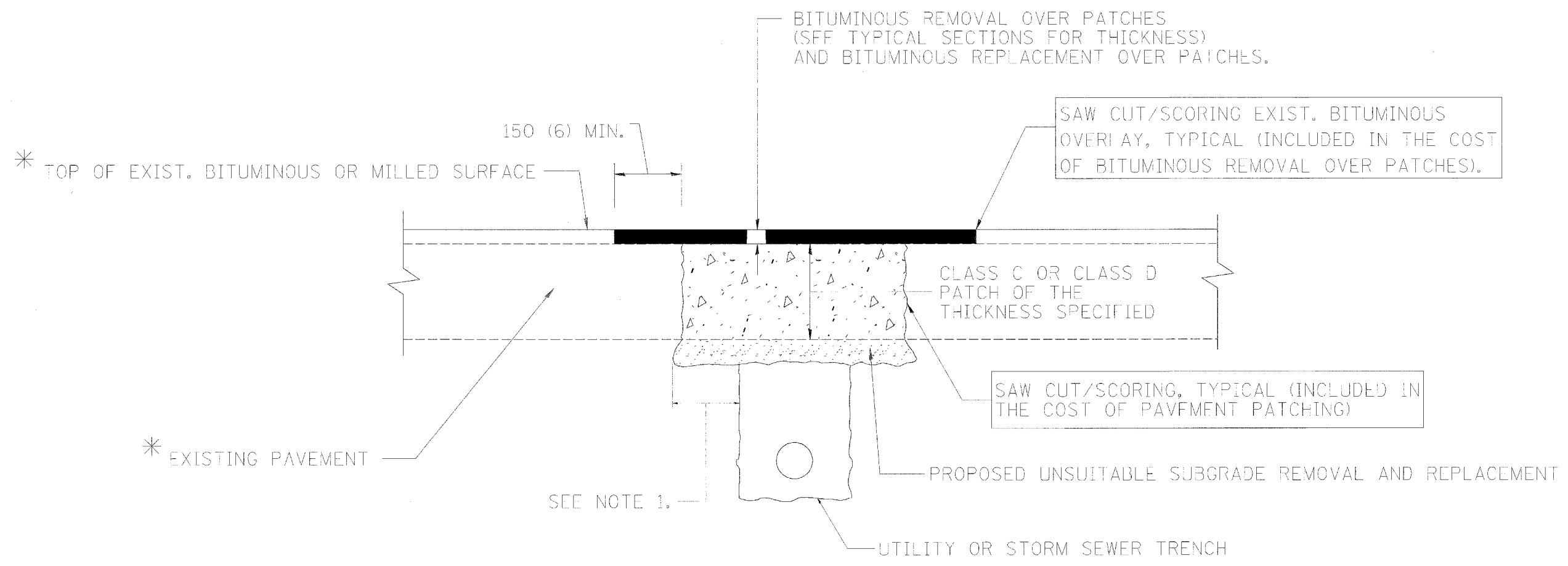
CHECKED BY

BD600-04 (BD-12)

REVISION DATE: 01/08/01

Revised 04.15.05

F. & R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			860	729
STA.		TO STA.		
FED. ROAD DIST. NO.	ALIGNMENT	FED. AID PROJECT		
		62694		



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 300 (12) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE SPECIAL PROVISION "PATCHING WITH BITUMINOUS OVERLAY REMOVAL".

**SEQUENCE OF CONSTRUCTION**

1. REMOVE THE EXISTING BITUMINOUS MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE BITUMINOUS MATERIAL OVER THE AREA TO BE PATCHED.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT**

SCALE: NONE  
DATE: 10/18/2002

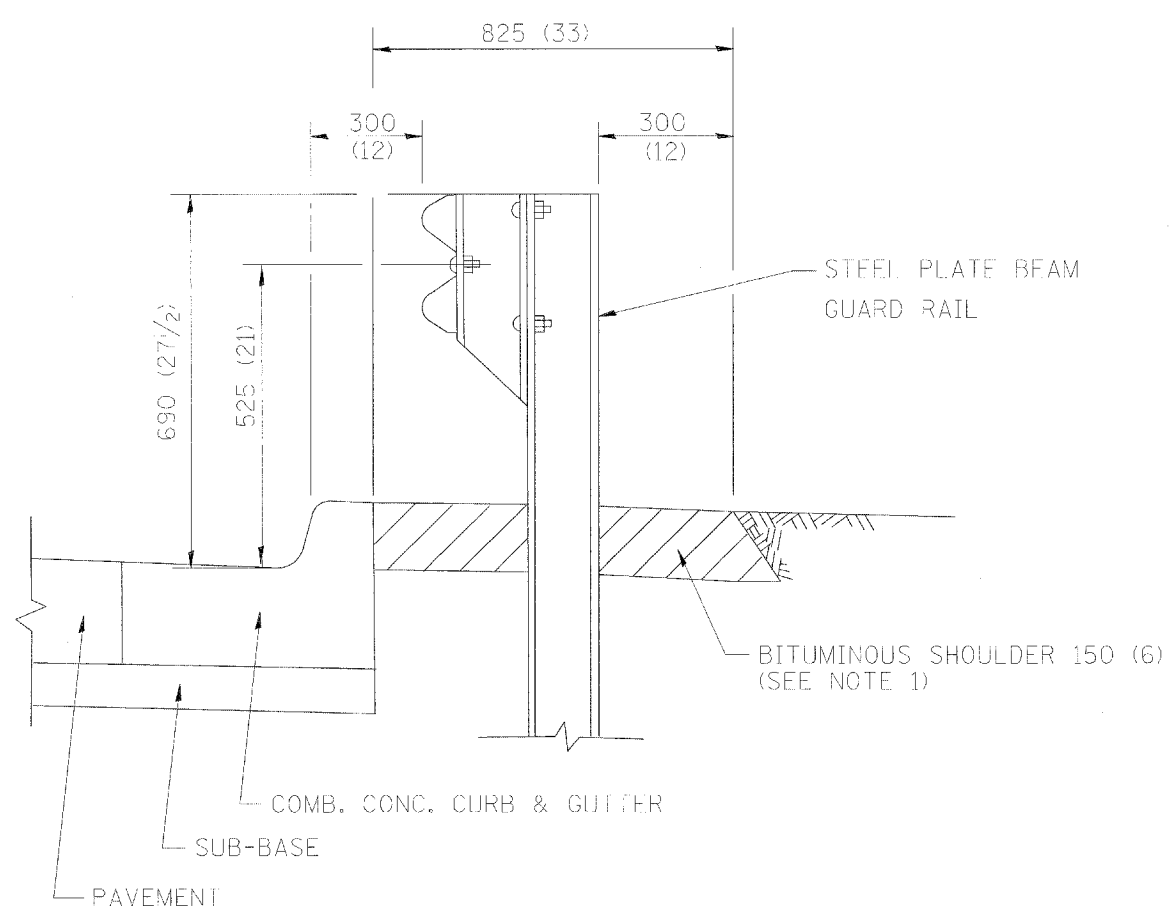
DRAWN BY  
CHECKED BY

B0400-04 (B0-22)  
REVISION DATE: 04/27/98

REVISIONS		REVISIONS	
NAME	DATE	NAME	DATE
R. SHAH	10/25/94	ART. ABBAS	04/27/98
R. SHAH	01/14/95		
R. SHAH	03/23/95		
R. SHAH	04/24/95		
A. HOUSEH	03/15/96		
A. ABBAS	03/21/97		
A. ABBAS	01/20/98		

F. A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			860	730
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62694

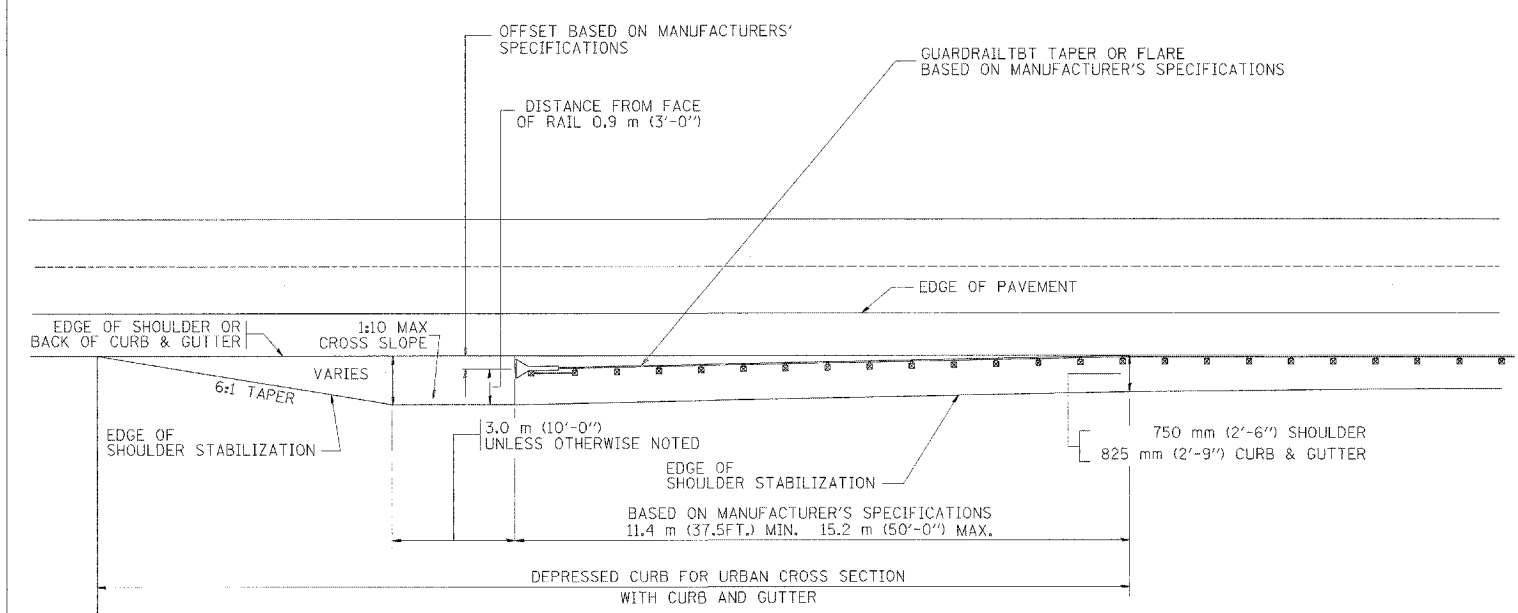


- NOTES: 1. THE BITUMINOUS SHOULDER SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL
2. GUARD RAIL MAY BE PLACED AT THE BACK OF CURB WHEN DIRECTED BY THE ENGINEER.

BASIS OF PAYMENT: BITUMINOUS SHOULDER 150 (6) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER m<sup>2</sup> (sq. yd.) AS "BITUMINOUS SHOULDER 150 (6)."

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER  
[FOR ROADWAY SPEED 60 kmh (35 MPH) TO 70 kmh (45 MPH)]



STABILIZATION AT TBT TY. 1 SPL.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
M. DE YONG	09-22-90
M. DE YONG	07-14-92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	02/23/95
A. ABBAS	03/21/97
E. GOMEZ	08/28/00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DETAILS FOR  
STEEL PLATE BEAM GUARD RAIL  
ADJACENT TO CURB AND GUTTER  
STABILIZATION AT TBT TY 1 SPL.

SCALE: NONE  
DATE 10/18/2002  
DRAWN BY jls  
CHECKED BY  
BD600-10 (BD 34)  
REVISION DATE: 08/28/00

F. A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			860	731
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

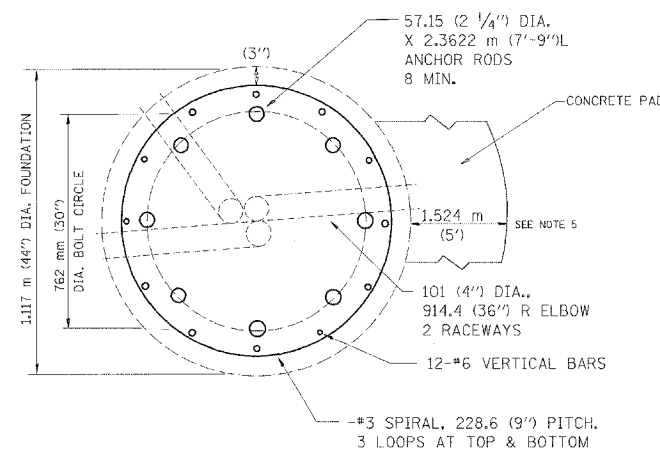
62694

**LIGHT TOWER FOUNDATION DEPTH "D"**

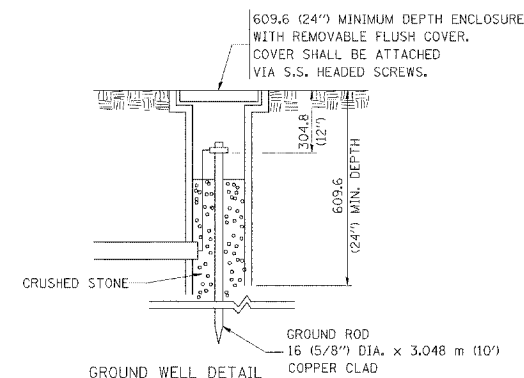
MOUNTING HEIGHT	SOIL CONDITIONS					
	SOFT CLAY Qu = 0.375 TON/SQ. FT	MEDIUM CLAY Qu = 0.75 TON/SQ. FT	STIFF CLAY Qu = 1.50 TON/SQ. FT	LOOSE SAND φ = 34°	MEDIUM SAND φ = 37.5°	DENSE SAND φ = 40°
27m (90 ft)	8.779m (29 ft)	6.035m (20 ft)	4.389m (15 ft)	4.389m (15 ft)	3.840m (13 ft)	3.429m (12 ft)
30m (100 ft)	9.754m (32 ft)	6.706m (22 ft)	4.877m (16 ft)	4.877m (16 ft)	4.267m (14 ft)	3.81m (13 ft)
33m (110 ft)	10.719m (35 ft)	7.377m (24 ft)	5.365m (18 ft)	5.365m (18 ft)	4.694m (15 ft)	4.191m (14 ft)
36m (120 ft)	11.705m (38 ft)	8.046m (26 ft)	5.652m (19 ft)	5.652m (19 ft)	5.120m (17 ft)	4.572m (16 ft)

**DESIGN NOTES**

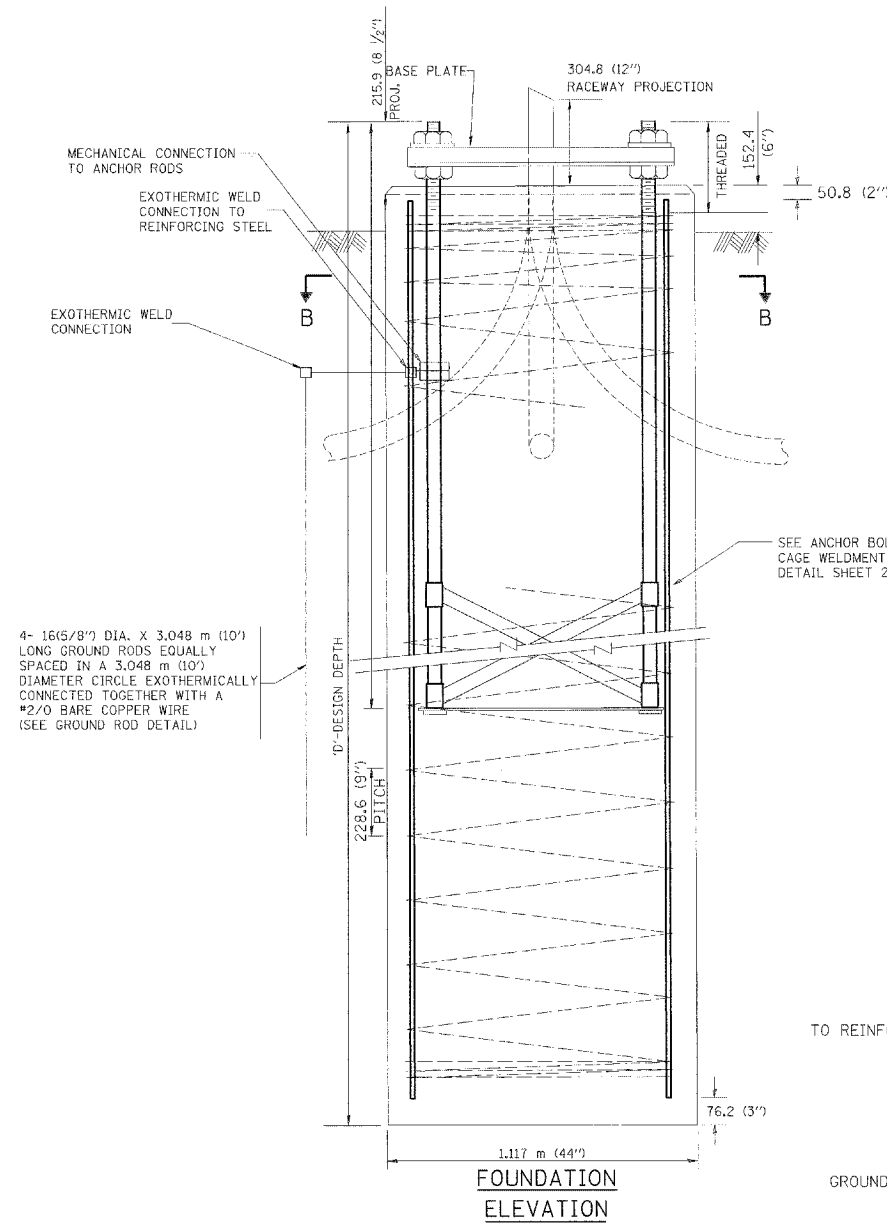
- (1) ALL DIMENSIONS IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN
- (2) THE HOLE FOR THE FOUNDATION SHALL BE ACCORDING
- (3) THE ANCHOR RODS SHALL BE VERTICAL NO ADJUSTMENT SHALL BE ALLOWED AFTER THE FOUNDATION IS PLACED.
- (4) THE GAP BETWEEN THE FOUNDATION AND THE BASE PLATE SHALL BE ENCLOSED WITH A STAINLESS STEEL SCREEN FASTENED WITH A STAINLESS STEEL BAND.
- (5) THE TOP OF THE FOUNDATION TO 450 (18") BELOW GRADE SHALL BE FORMED.
- (6) A CONCRETE WORK PAD SHALL BE PROVIDED AS INDICATED IN THE PLANS AS A PART OF THIS ITEM.
- (7) SURFACE WATER WILL NOT BE PERMITTED TO ENTER THE HOLE AND ALL WATER WHICH MAY HAVE INFILTRATED INTO THE HOLE SHALL BE REMOVED BEFORE PLACING CONCRETE.
- (8) THE LIGHT TOWER SHALL NOT BE ERECTED UNTIL AFTER THE CONCRETE HAS BEEN CURED ACCORDING TO ARTICLE 1020.13.
- (9) ANCHOR RODS SHALL BE STRAIGHT AND SHALL BE ACCORDING TO AASHTO M 314 OR ASTM F1554, GRADE 725(GRADE 105) AND GALVANIZED ACCORDING TO ARTICLE 1006.9.
- (10) ANCHOR ROD INFORMATION SHALL BE SUBMITTED FOR APPROVAL AND SHALL BE FULLY COORDINATED FOR APPROVAL WITH TOWER MANUFACTURER REQUIREMENTS.
- (11) REINFORCEMENT BARS SHALL BE ACCORDING TO ARTICLE 1006.10
- (12) TWO ANCHOR RODS OPPOSITE EACH OTHER SHALL HAVE THE ANCHOR ROD THREADS PEENED AFTER NUTS ARE INSTALLED.



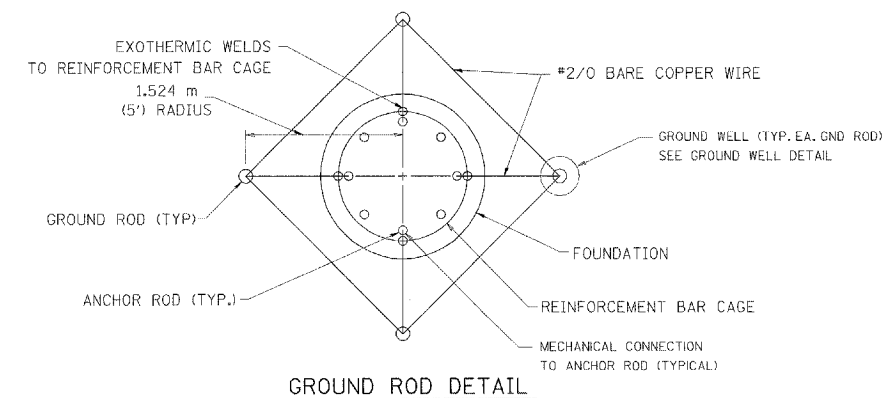
**SECTION-B-B**



**GROUND WELL DETAIL**



**FOUNDATION ELEVATION**



**GROUND ROD DETAIL**

BC501

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HIGH MAST LIGHT TOWER  
 27m TO 36m (90FT TO 120FT)  
 FOUNDATION DETAIL**  
 SHEET 1 OF 2

REVISIONS	
NAME	DATE

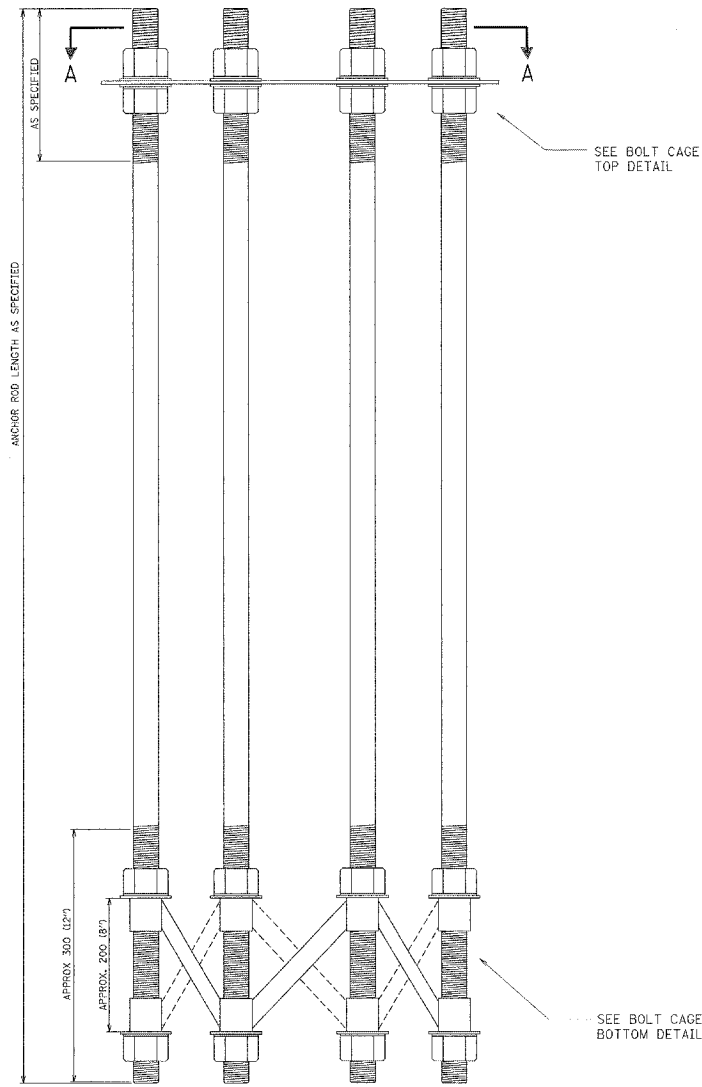
SCALE: NONE  
 DATE 10/18/2002

DRAWN BY  
 CHECKED BY  
 BE08 (BE501)

REVISION DATE: 04/22/02

F. A. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			860	732
STA. _____ TO STA. _____		FED. AID PROJECT		

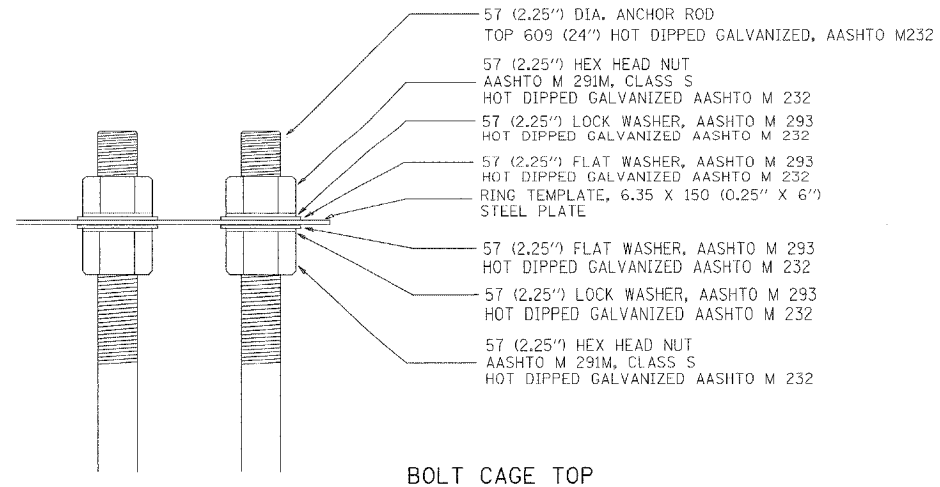
62694



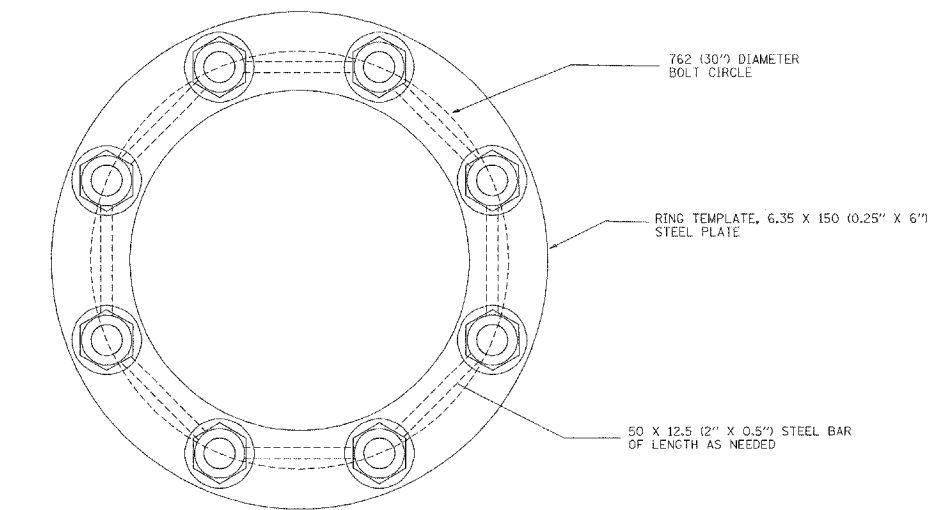
ANCHOR BOLT CAGE

SEE BOLT CAGE TOP DETAIL

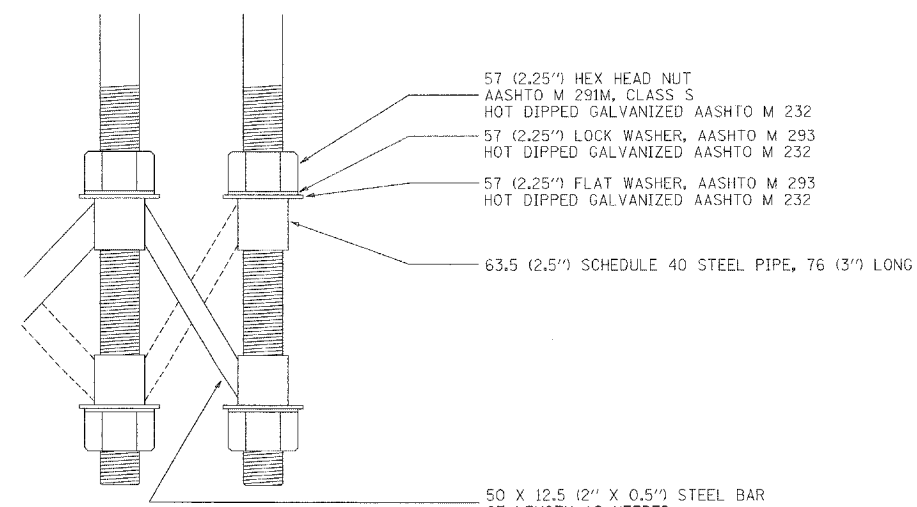
SEE BOLT CAGE BOTTOM DETAIL



BOLT CAGE TOP



SECTION A-A



BOLT CAGE BOTTOM

NOTES

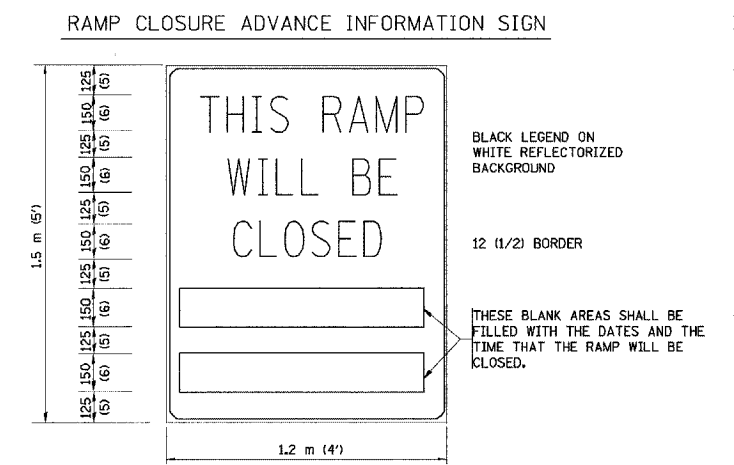
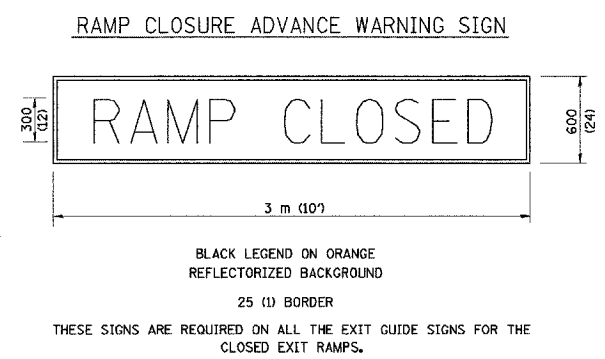
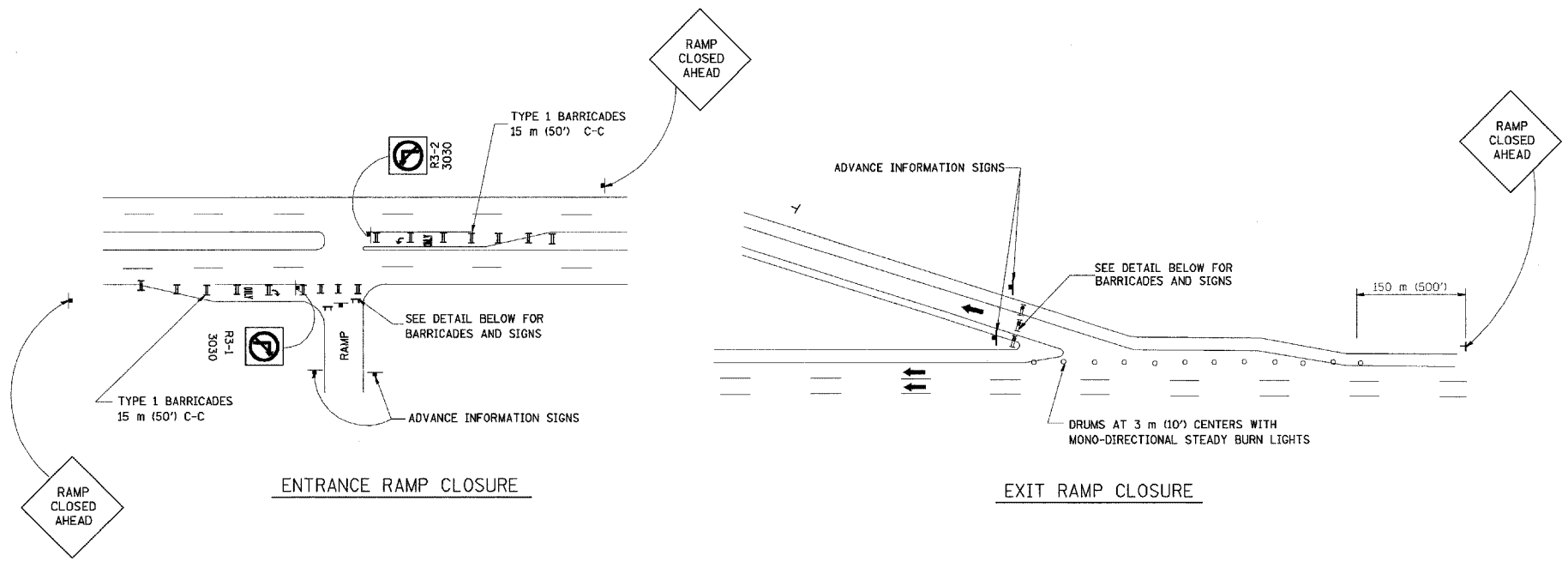
1. ALL DIMENSIONS IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN
2. ANCHOR RODS SHALL BE STRAIGHT AND SHALL BE ACCORDING TO AASHTO M 314 OR ASTM F1554, GRADE 725 (GRADE 105) AND GALVANIZED ACCORDING TO ARTICLE 1006.09.
3. ANCHOR ROD INFORMATION SHALL BE SUBMITTED FOR APPROVAL AND SHALL BE FULLY COORDINATED WITH TOWER MANUFACTURERS REQUIREMENTS.

REVISIONS	
NAME	DATE

BE501  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
HIGH MAST LIGHT TOWER  
27m TO 36m (90FT TO 120FT)  
FOUNDATION DETAIL  
SHEET 2 OF 2  
SCALE: NONE  
DATE 10/18/2002  
DRAWN BY  
CHECKED BY  
BE05 (BE501)



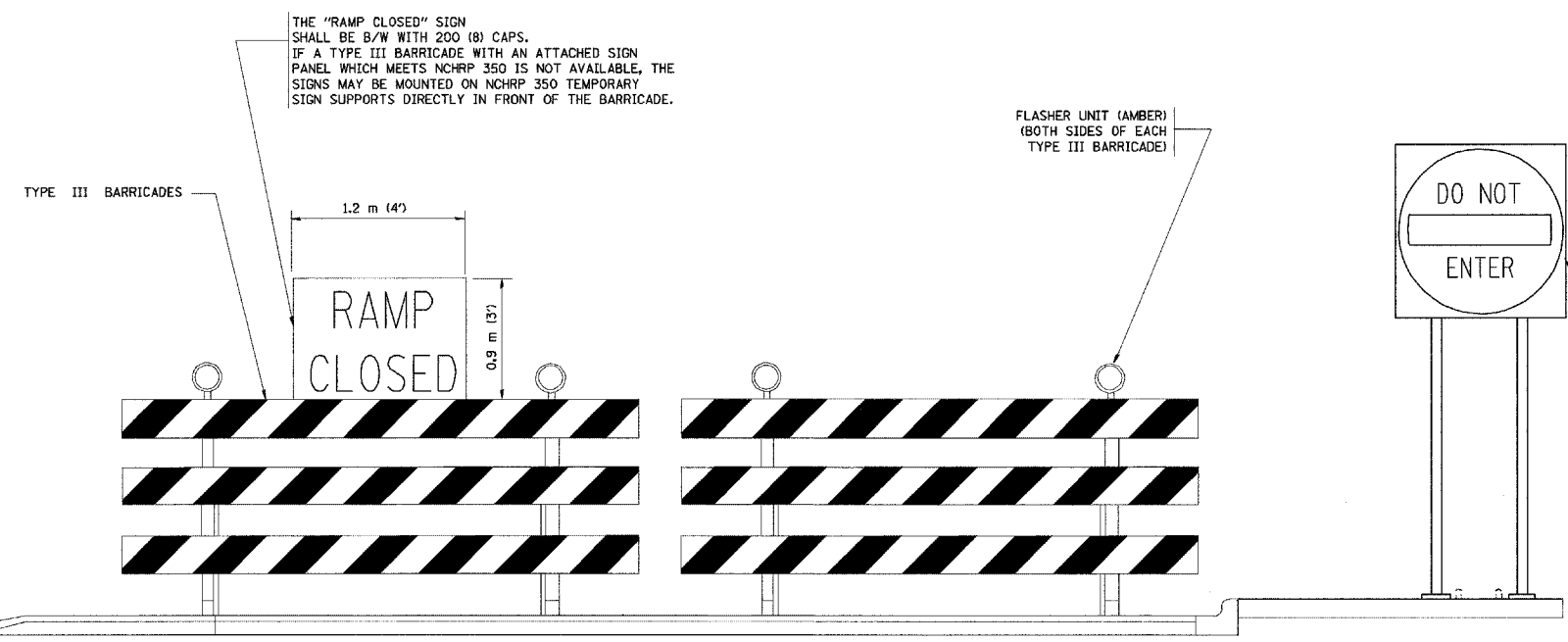
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			860	733
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62694				



THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, 4 MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

GENERAL NOTES:

- CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 700 (28) HIGH.
- STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
- FOR DAYTIME RAMP CLOSURES, LASTING 6 HOURS OR LESS, THE CONTRACTOR MAY ELIMINATE THE ADVANCE WARNING SIGNS ON THE EXIT GUIDE SIGNS.
- ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
- THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE CONSIDERED INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION.
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.



DETAIL FOR REQUIRED BARRICADES & SIGNS

NOTES:

- CONES MAY BE SUBSTITUTED FOR TYPE I AND TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28" IN HEIGHT.
- STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS.
- ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY-FOUR (24) HOURS IN LENGTH.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

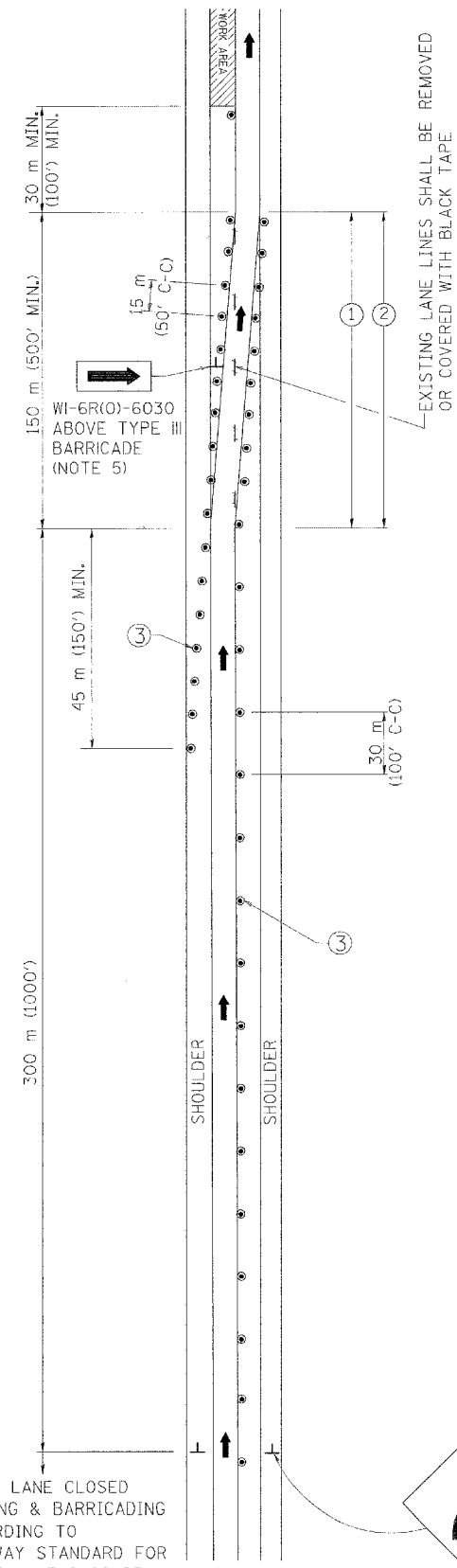
**FREEWAY  
ENTRANCE AND EXIT RAMP  
CLOSURE DETAILS**

SCALE: NONE  
DATE: 05/06/2003

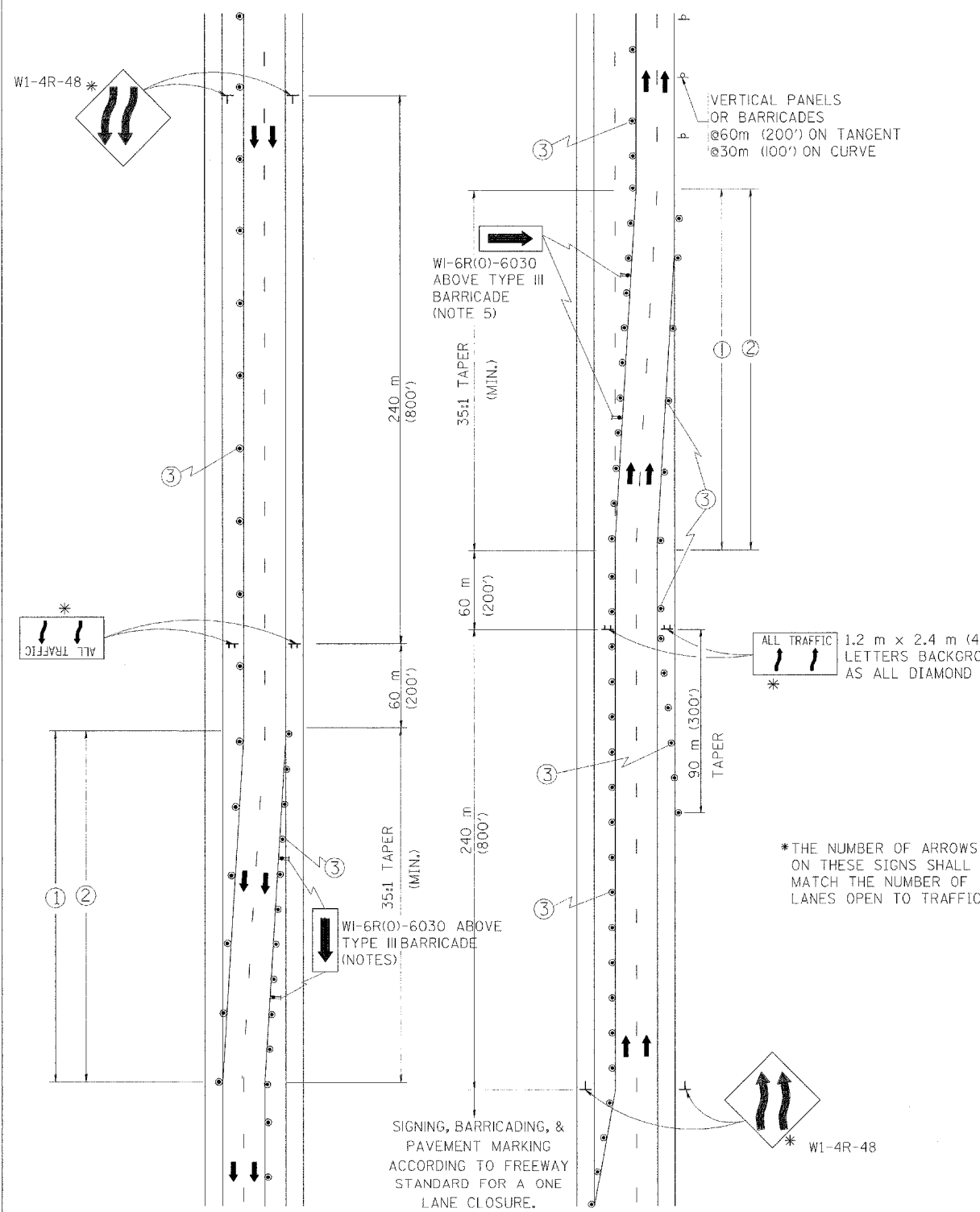
DRAWN BY:  
CHECKED BY:  
TC-B

REVISIONS	
NAME	DATE
DWS	2-83
DWS	1/90
DWS	9/94
DWS	12/94
DWS/JAF	12/02
Revise devices to meet NCHRP 350	4/03

# SINGLE LANE WEAVE



# MULTI-LANE WEAVE



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			260	334
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62694

### GENERAL NOTES

- ① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED OR COVERED WITH BLACK TAPE. PAVEMENT MARKING REMOVAL OR BLACK TAPE SHALL NOT BE REQUIRED FOR LANE CLOSURES UNDER 24 HOURS IN DURATION.
- ② CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 90 m (300') ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVE LANE LINES SHALL BE 3 M-9 M (10'-30') SKIP DASH, WHITE.
- ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 15 m (50') C-C SPACING IN TAPERS AND 30 m (100') C-C SPACING IN TANGENTS.
- ④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ⑤ IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.

### SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

REVISIONS	
NAME	DATE
DWS	2/87
DWS	1/90
DWS	12/27/94
DWS	11/96
JAF	4/03

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

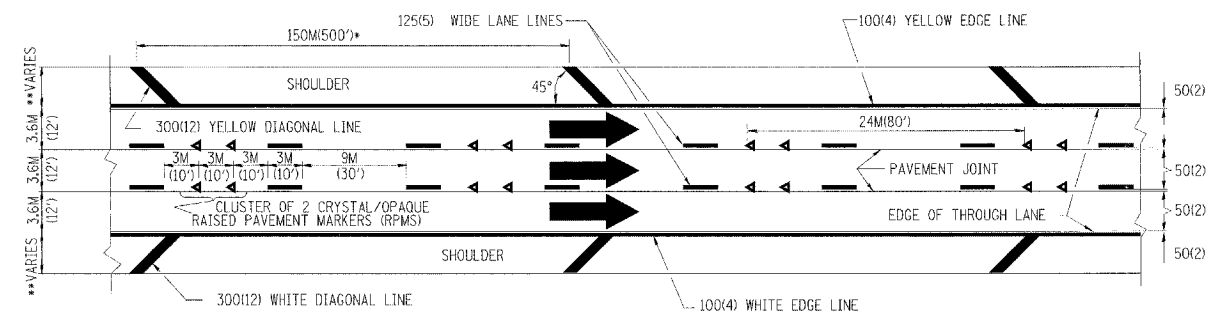
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL DETAILS**  
 FOR FREEWAY  
 SINGLE & MULTI-LANE WEAVE

SCALE: NONE  
 DATE: 05/12/2003  
 DRAWN BY R.H.  
 CHECKED BY TC-9

F. A. SHE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			860	735
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT

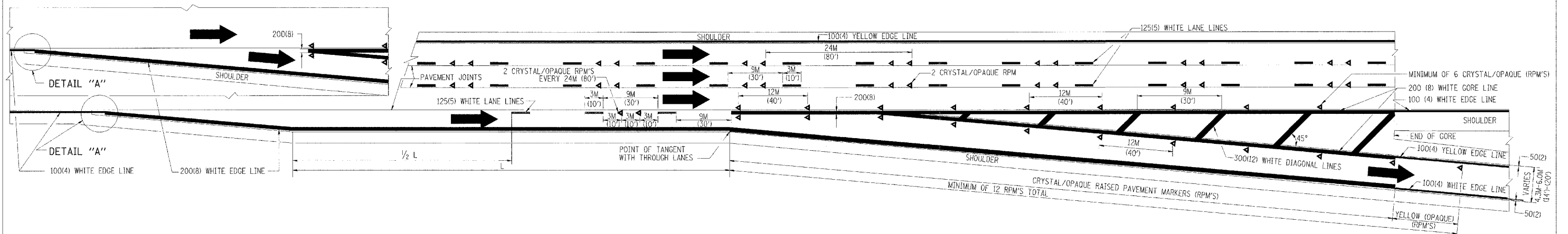
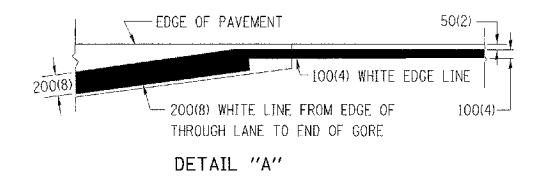
62694

- THE DIAGONAL LINES SHALL BE SPACED AT 12M (40') C-C ACROSS ALL STRUCTURES WHICH ARE 150M (500') OR LESS IN LENGTH
- THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 1.8M (6') OR LESS IN WIDTH

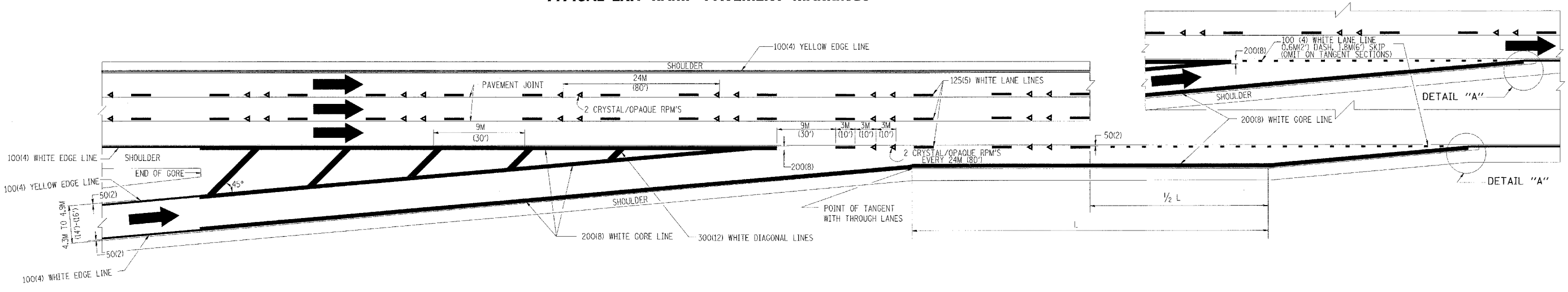


TYPICAL EDGE LINES & LANE LINES

- NOTES:
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
  2. PREFORMED PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES
  3. PREFORMED PLASTIC PAVEMENT MARKING LINE SHALL BE USED ON PCC PAVEMENT.



TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
DWS	1/90
DWS	5/91
AH	3/96
DWS	7/96

ILLINOIS DEPARTMENT OF TRANSPORTATION

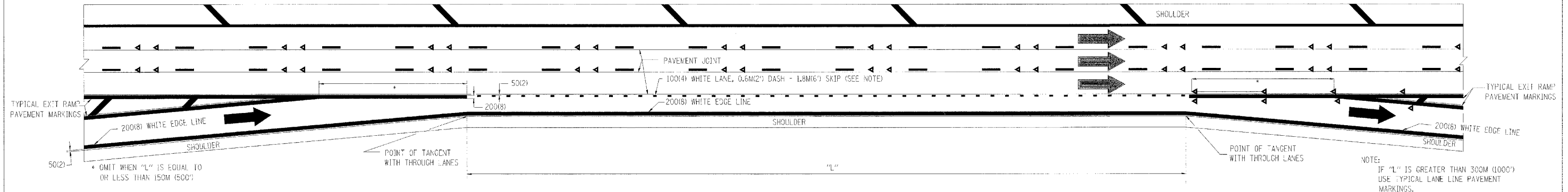
**MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS**

SCALE: NONE  
DATE: 10/18/2002

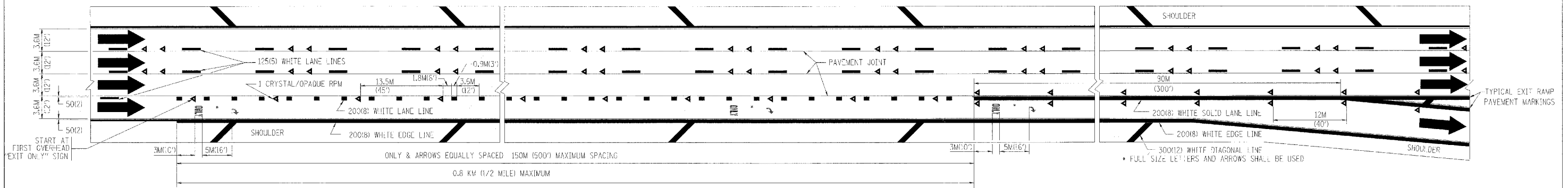
DRAWN BY C.A.D.D.  
CHECKED BY  
TC12 SHEET 1 OF 2  
REVISION DATE: 01/01/96

F.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			860	736
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

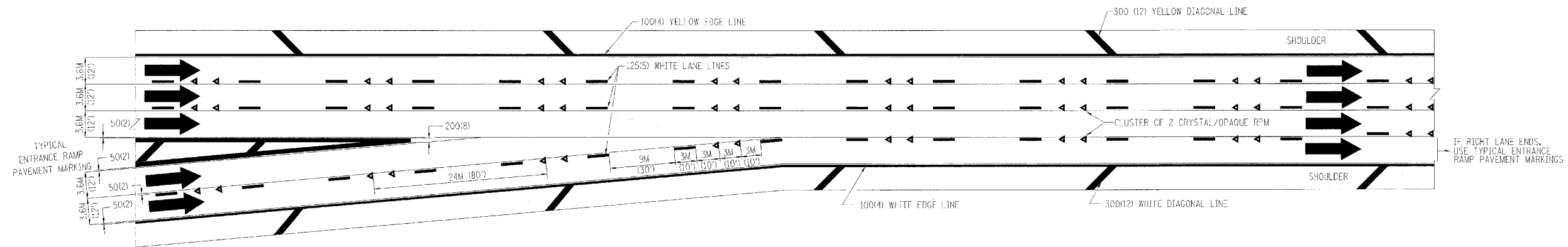
62694



TYPICAL ENTRANCE/EXIT RAMP COMBINATION PAVEMENT MARKINGS



TYPICAL EXIT ONLY LANE PAVEMENT MARKINGS



TYPICAL TWO LANE ENTRANCE RAMP PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
DWS	1/90
DWS	5/91

ILLINOIS DEPARTMENT OF TRANSPORTATION

**MULTI-LANE FREEWAY  
PAVEMENT MARKING  
DETAILS**

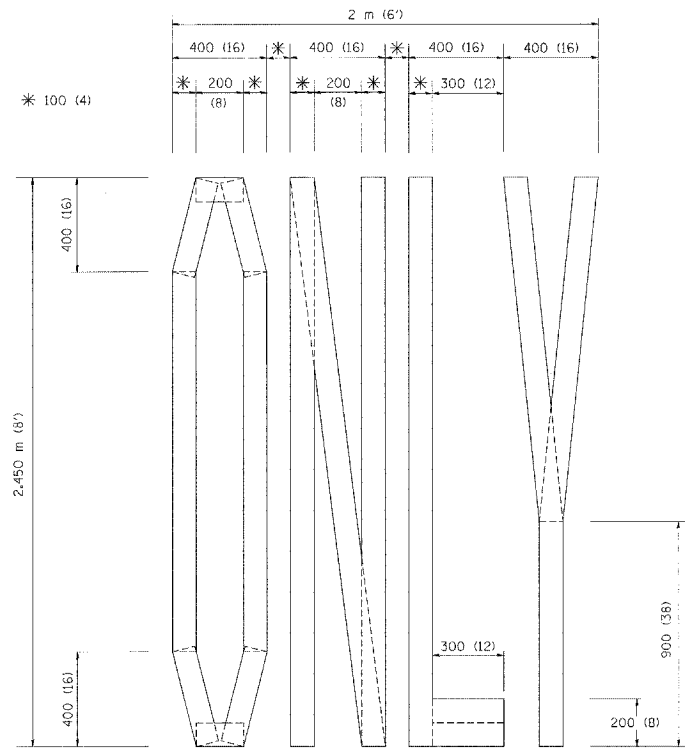
SCALE: NONE  
DATE: 10/18/2002

DRAWN BY C.A.D.D.  
CHECKED BY

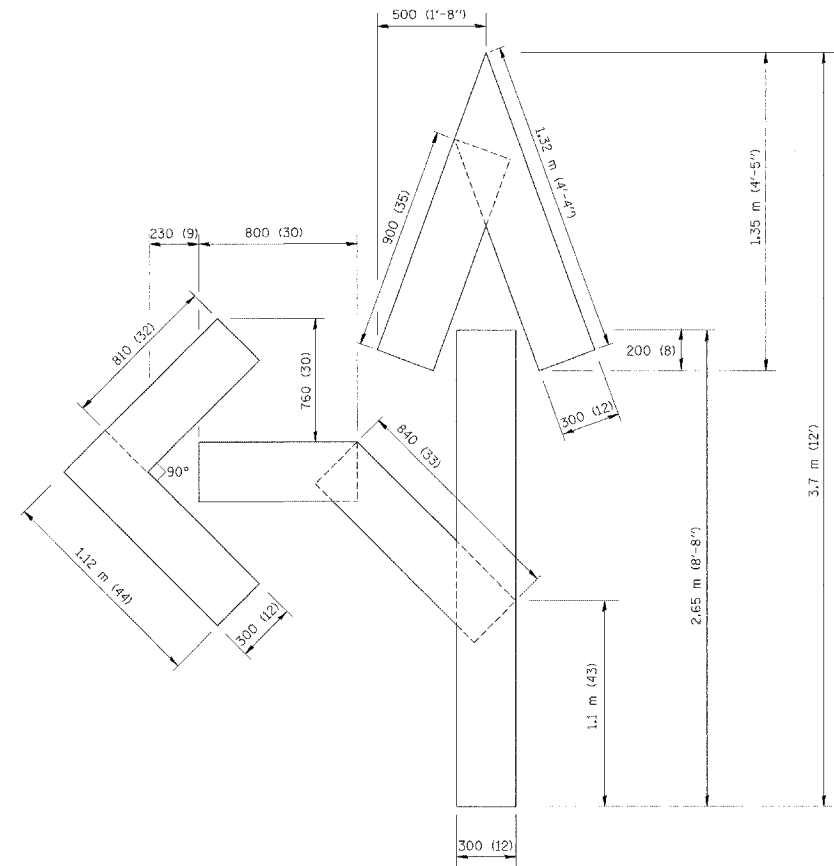
TC12 SHEET 2 OF 2  
REVISION DAI 6/01/2006

F. & M. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			860	737
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

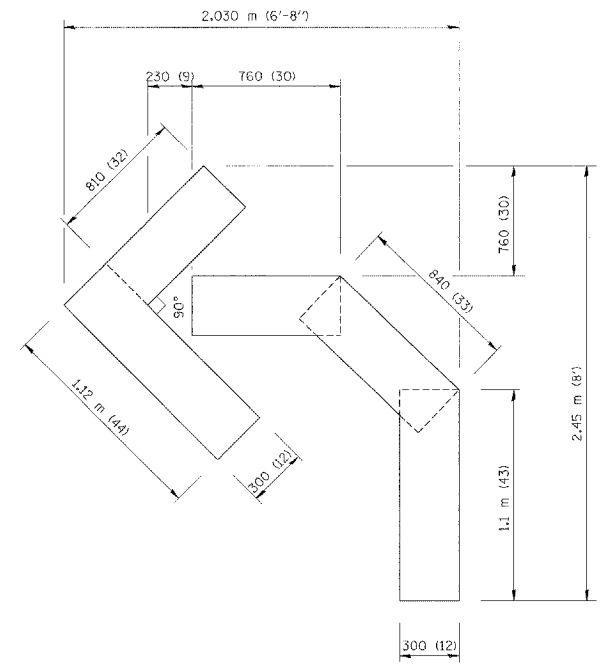
62694



QUANTITY  
 100 (4) LINE = 19.7 m (64.1 ft.)  
 1.97 sq. m (21.1 sq. ft.)



QUANTITY  
 100 (4) LINE = 25.3 m (82.5 ft.)  
 2.53 sq. m (27.5 sq. ft.)



QUANTITY  
 100 (4) LINE = 13.9 m (45.5 ft.)  
 1.39 sq. m (15.2 sq. ft.)

All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION

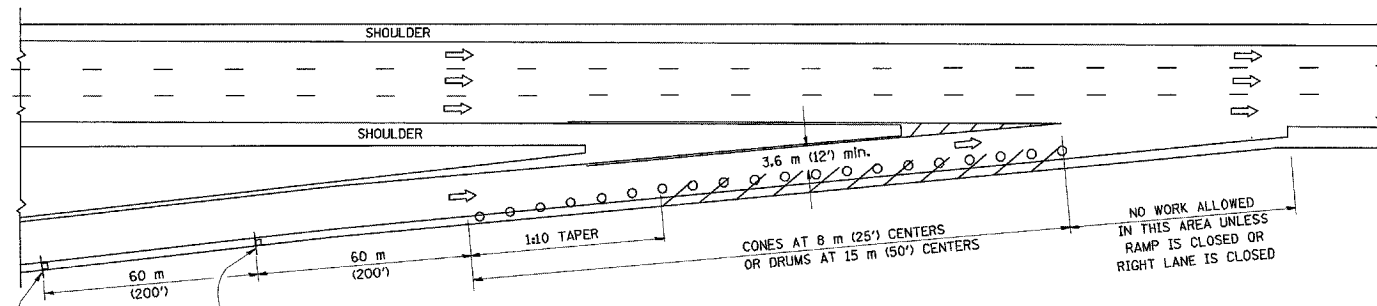
PAVEMENT MARKING  
 LETTERS AND SYMBOLS  
 FOR TRAFFIC STAGING

REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/96
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	08/28/00

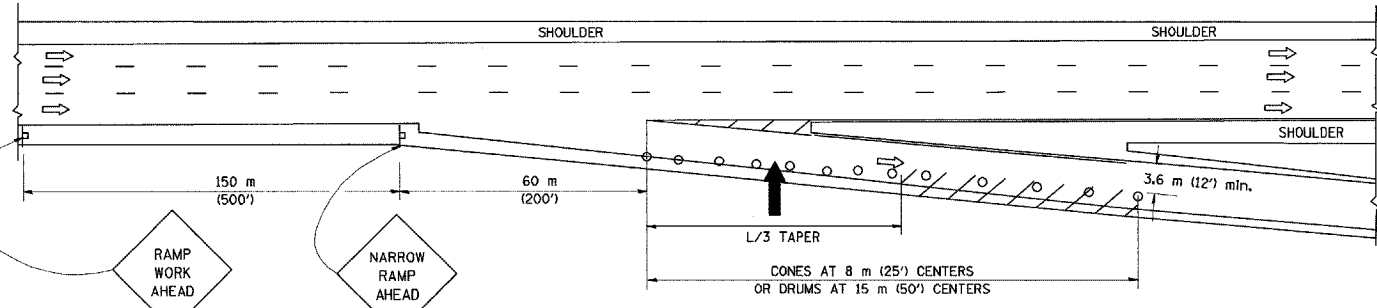
SCALE: NONE  
 DATE 10/18/2002

DRAWN BY CADD  
 CHECKED BY

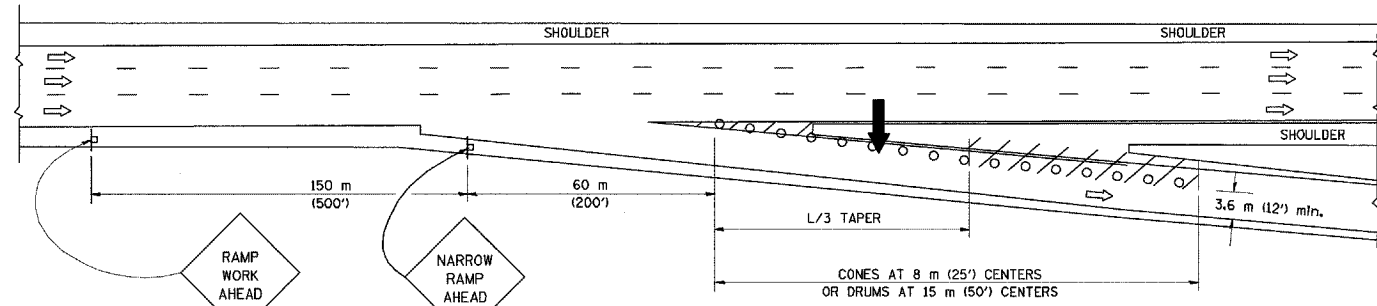
### PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

- SYMBOLS**
- ARROWBOARD
  - WORK AREA
  - SIGN ON PORTABLE OR PERMANENT SUPPORT
  - FLAGGER WITH CONTROL SIGN
  - DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
  - CONES - 700 (28) IN HEIGHT

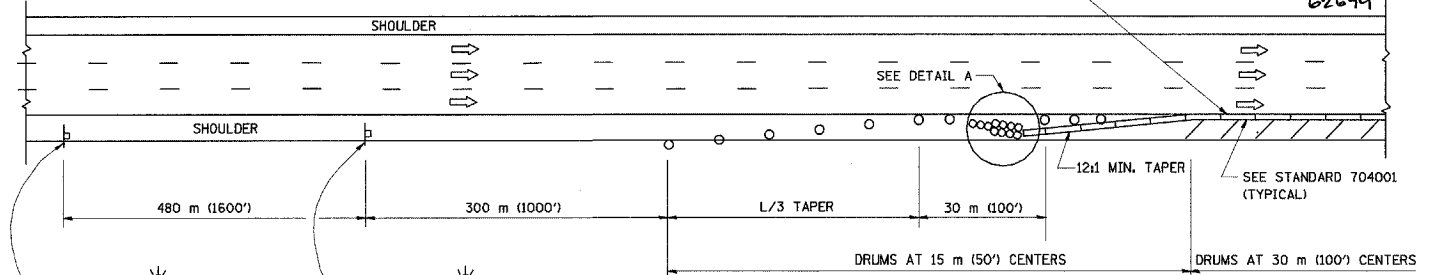
**GENERAL NOTES**

1. THE "L" DISTANCE EQUALS:  

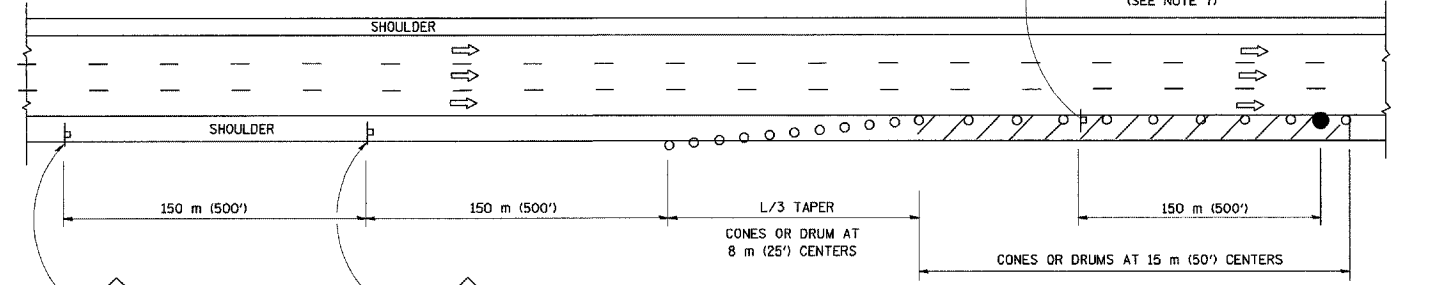
SPEED LIMIT	FORMULAS
80 km/h (45 mph) OR GREATER:	METRIC: $L=0.6S(W)(S)$ ENGLISH: $L=(W)(S)$
W = WIDTH OF OFFSET IN METERS (FEET)	S = NORMAL POSTED SPEED KM/H (MPH)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

### SHOULDER CLOSURE DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			060	738
STA.	TO STA.		02694	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT FOR POSTED SPEED.

DETAIL "A"  
IMPACT ATTENUATOR, TEMPORARY  
(SEE NOTE 5)

REVISIONS	
NAME	DATE
DWS	11/96
JAF	12/02
NCHRP 350	04/03

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

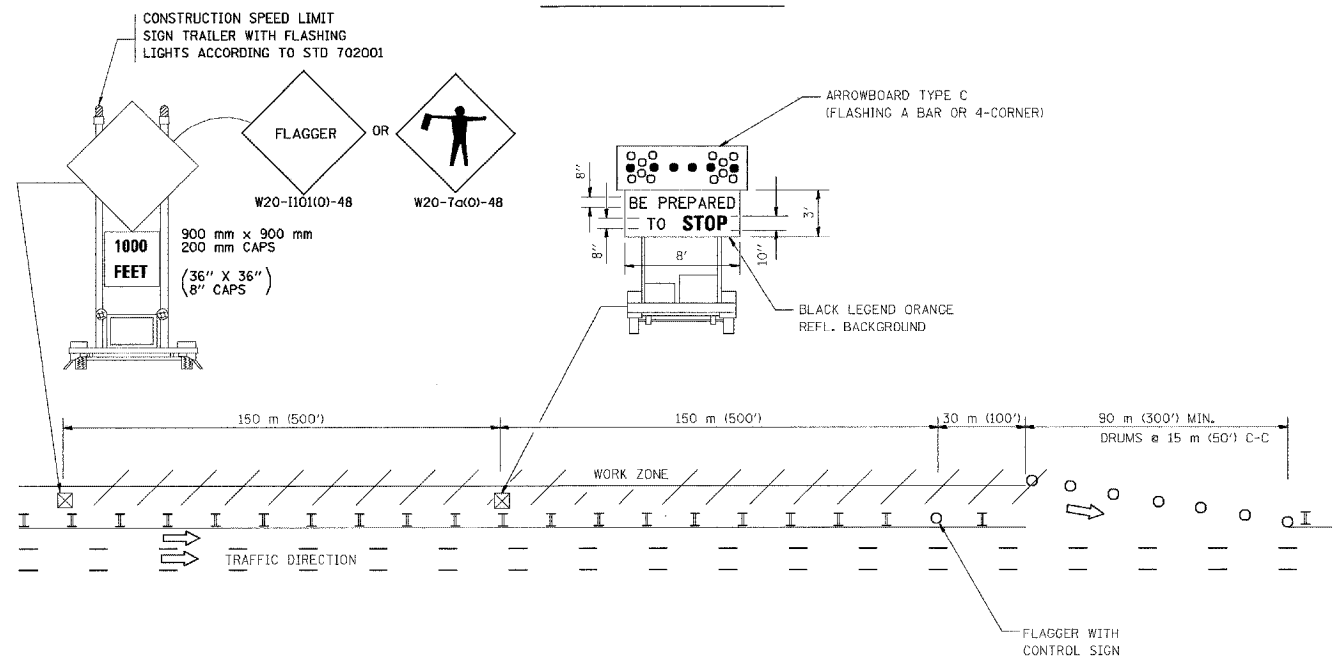
**TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES**

SCALE: NONE  
DATE: 05/06/2003  
DRAWN BY: [blank]  
DESIGNED BY: DWS  
CHECKED BY: [blank]  
TC-17

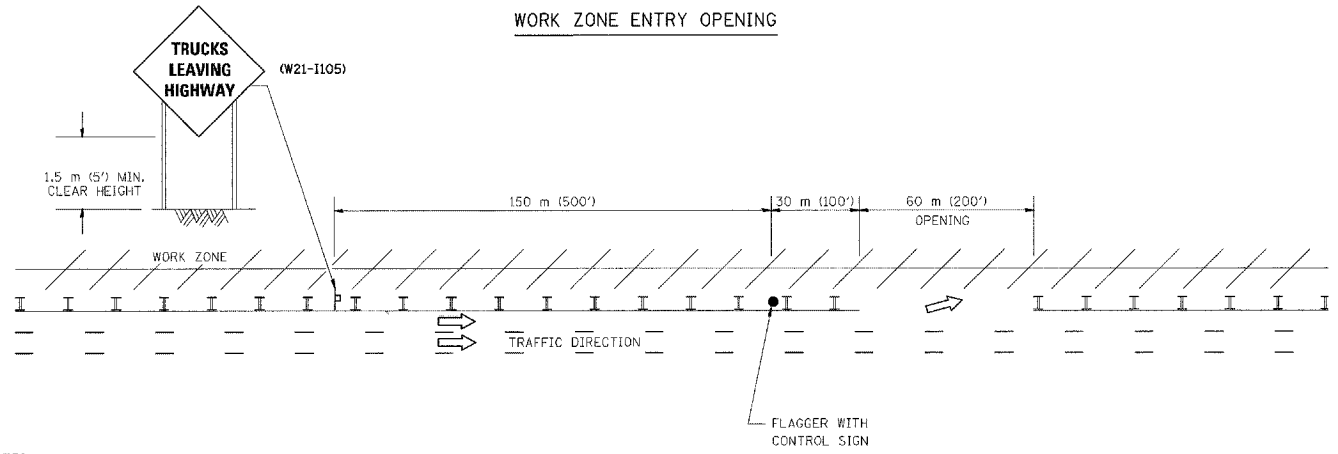
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			860	739
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

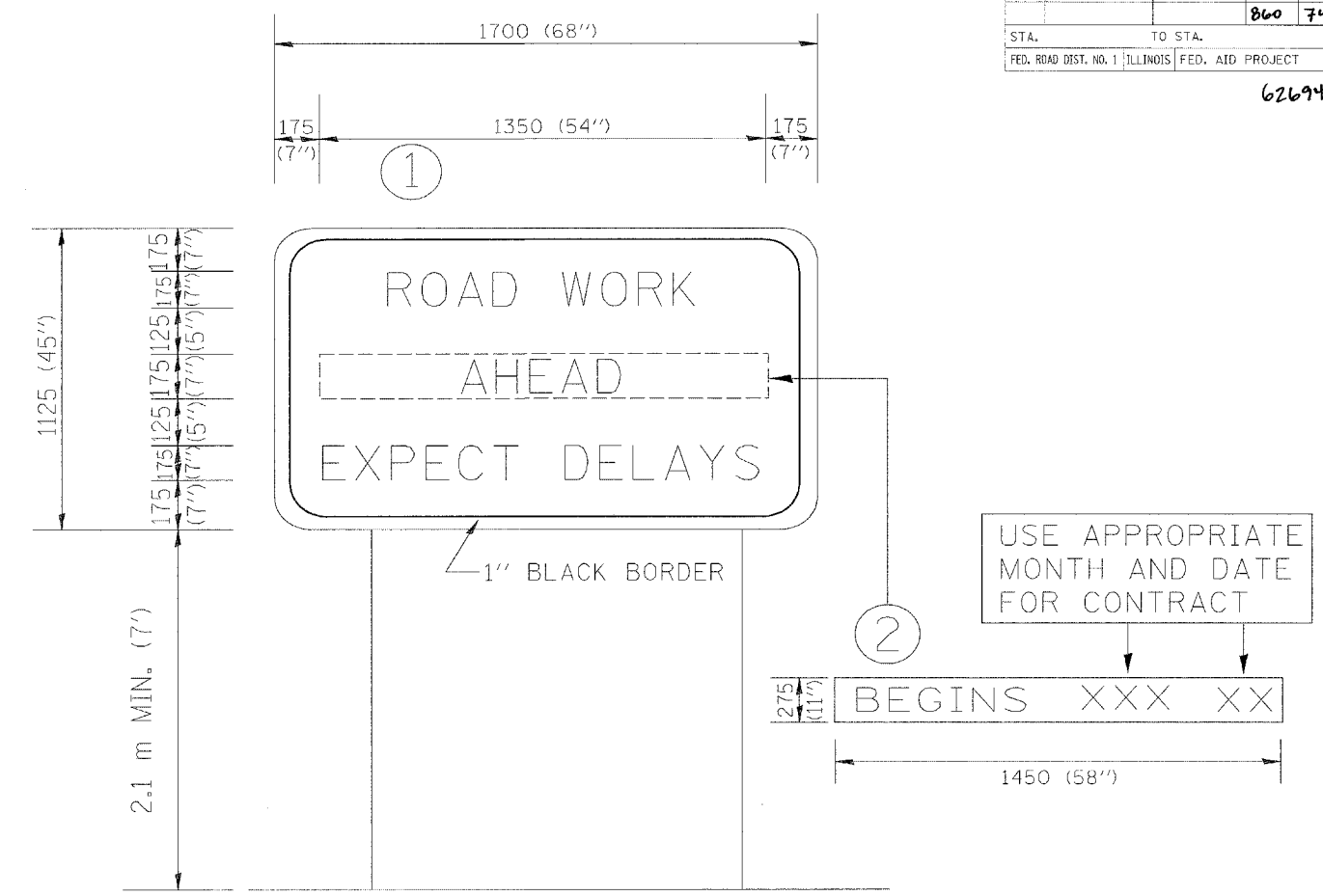
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

REVISIONS	
NAME	DATE
DWS	8/98
JAF	4/03

SCALE: NONE  
DATE 05/06/2003  
DRAWN BY CADD  
CHECKED BY TC-18



NOTES:

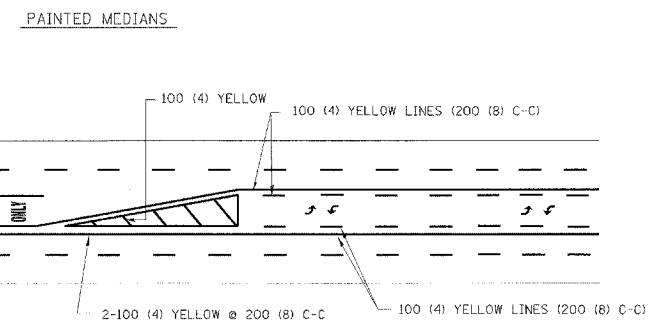
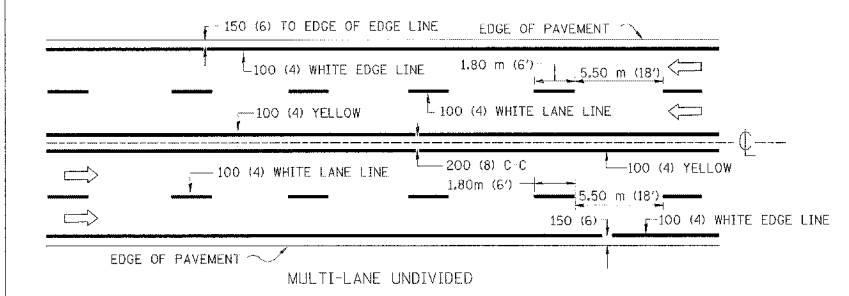
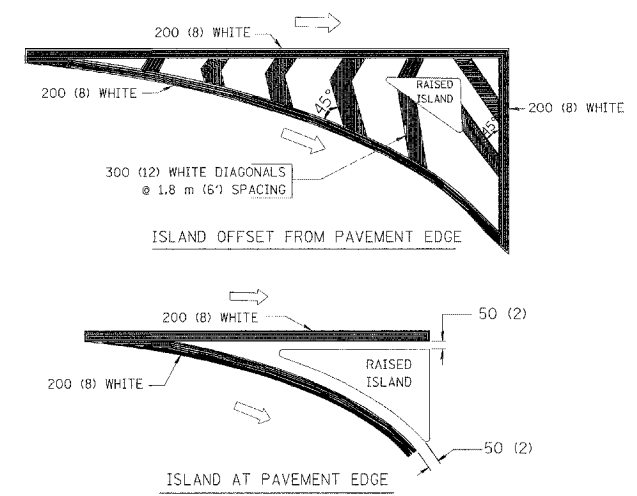
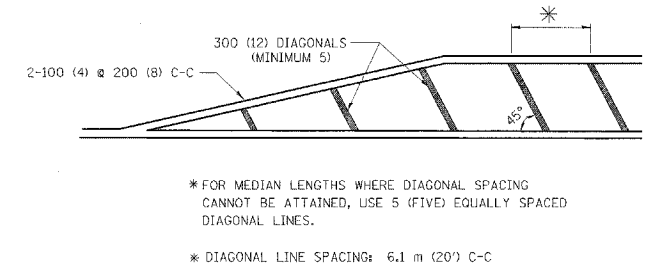
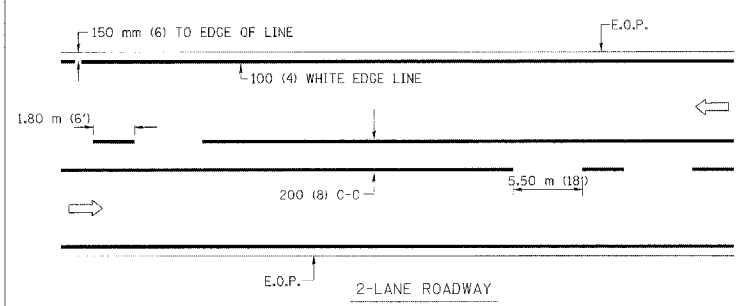
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 2.3 SQ. M. (25.70 SQ. FT.)

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

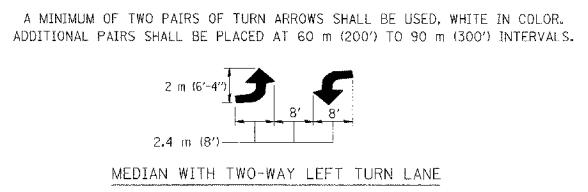
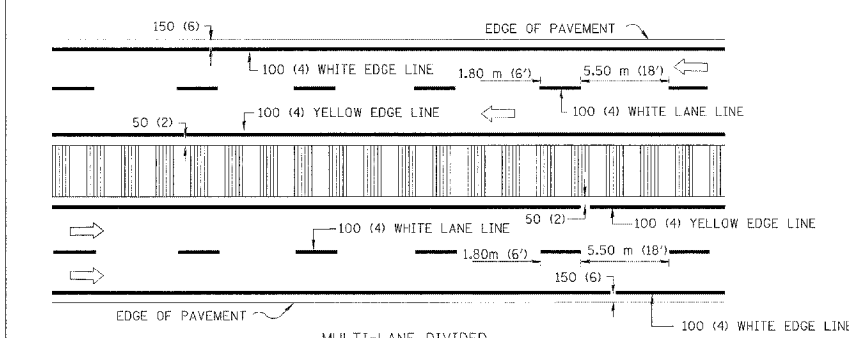
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
R. MIRS	9-15-97	TEMPORARY INFORMATION SIGNING
R. MIRS	12-11-97	
T. RAMMACHER	2-2-99	

SCALE: DATE 10/18/2002  
DRAWN BY: BUR. OF DESIGN  
CHECKED BY:

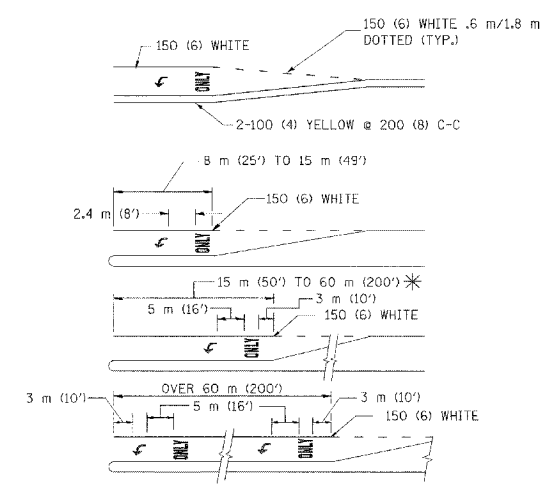




TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	1.80 m (6') LINE WITH 5.50 m (18') SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	200 (8) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	100 (4)	SOLID	YELLOW	200 (8) C-C
FOR BOTH DIRECTIONS	2 @ 100 (4)	SOLID	YELLOW	
LANE LINES	100 (4) 125 (5) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	1.80 m (6') LINE WITH 5.50 m (18') SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (2') LINE WITH 1.8 (6') SPACE
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION 2.4 m (8') LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	1.8 m (6') LINE WITH 5.50 m (18') SPACE FOR SKIP-DASH; 200 (8) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 150 (6) 300 (12) @ 45° 200 (8) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (2') APART 700 (2'-4") APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	200 (8) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 6.1 m (20') (LESS THAN 50 km/h (30 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" IS 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=0.33m <sup>2</sup> (3.6 SQ. FT.) EACH "X"=5.0 m <sup>2</sup> (54.0 SQ. FT.)



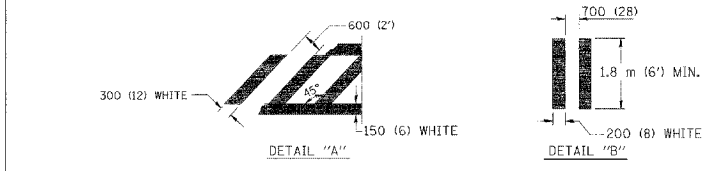
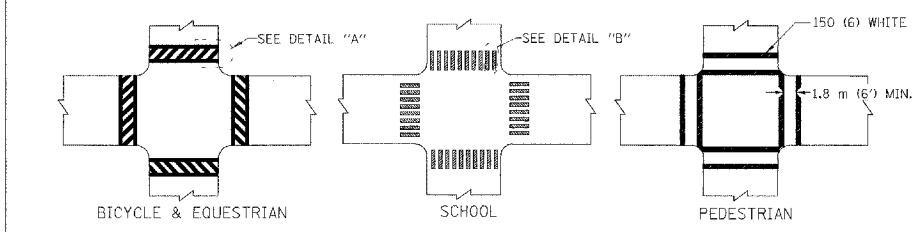
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED.  
AREA = 1.47 m<sup>2</sup> (15.8 SQ. FT.) ONLY AREA = 2.13 m<sup>2</sup> (22.9 SQ. FT.)  
\* TURN LANES IN EXCESS OF 120 m (400') IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE MARKING

TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

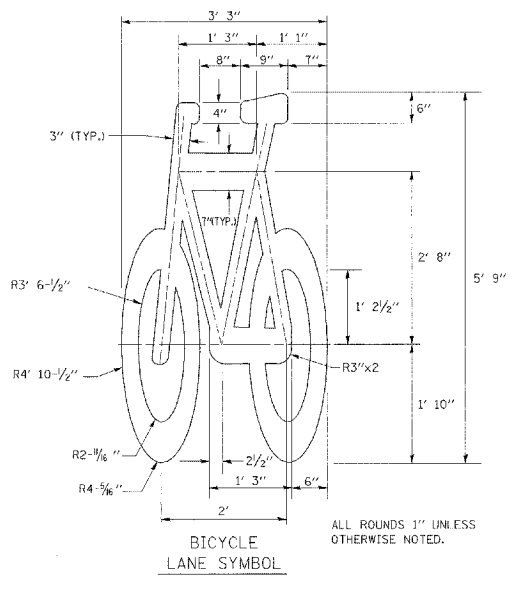
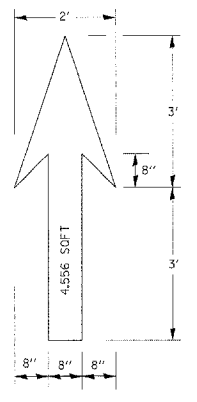
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

All dimensions are in millimeters (inches) unless otherwise shown. 1 OF 2

REVISIONS	
NAME	DATE
T. RAMMACHER	12/07/00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
CITY OF CHICAGO  
TYPICAL PAVEMENT MARKINGS  
SCALE: NONE  
DATE: 10/18/2002  
DRAWN BY: CADD  
CHECKED BY: TC-24  
REVISION: DAIL:12/07/00

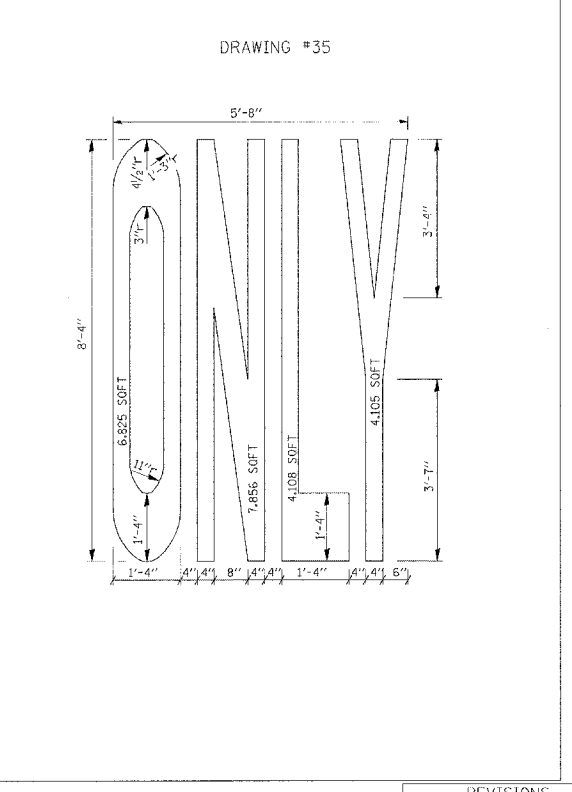
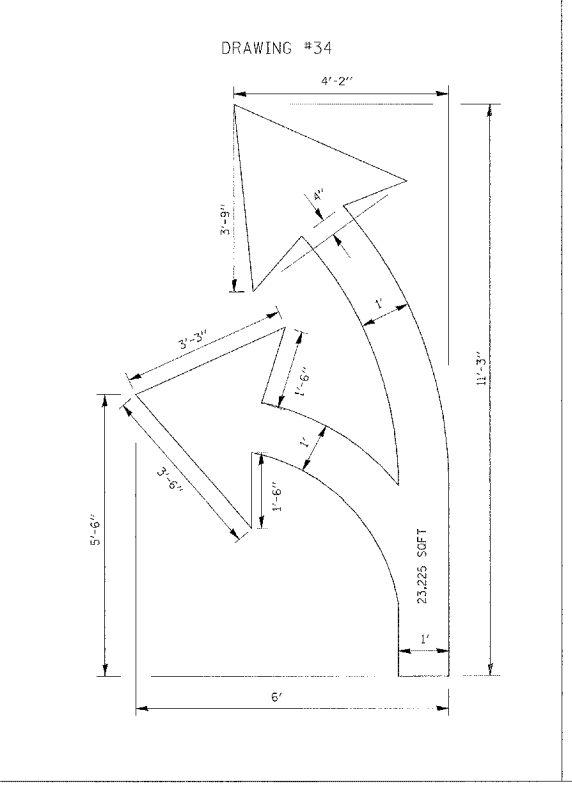
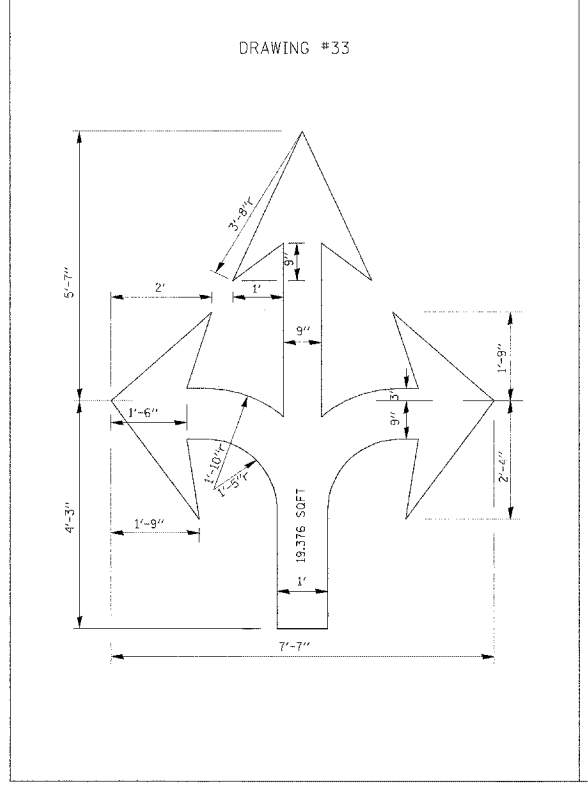
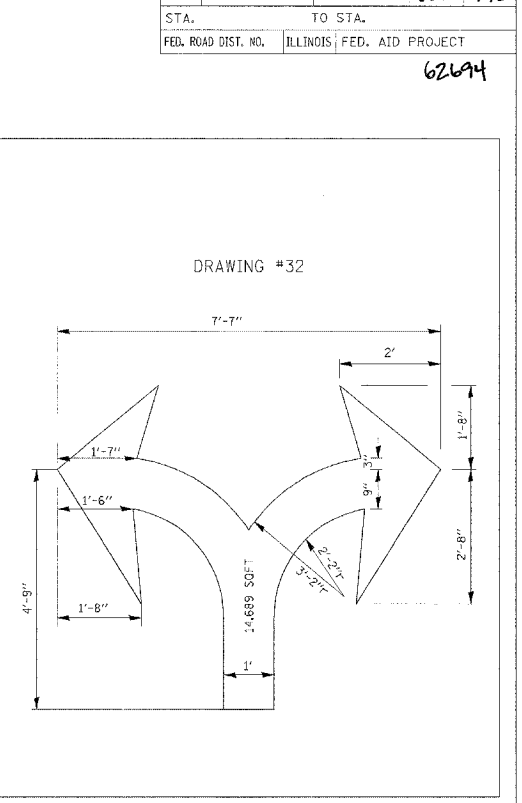
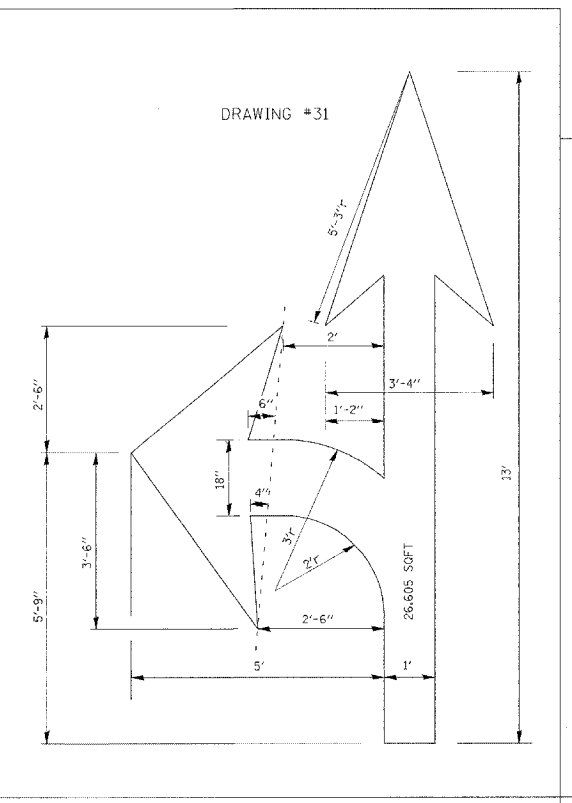
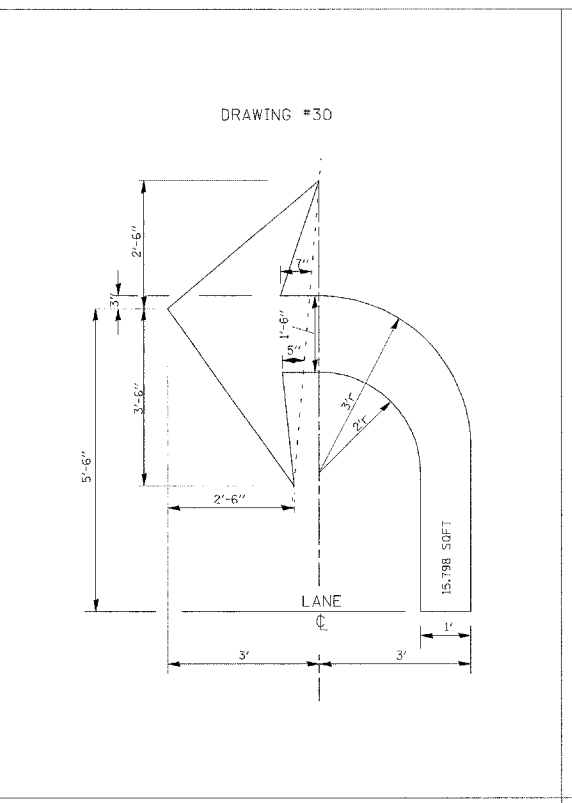
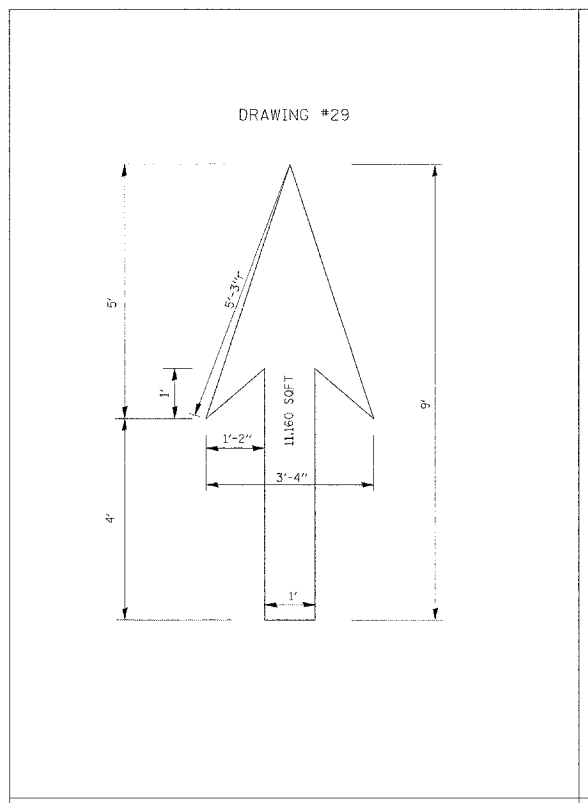
62694



NOTE:  
 1.) FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.

2.) THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS  
 DRAWING #28



NOTE:  
 ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

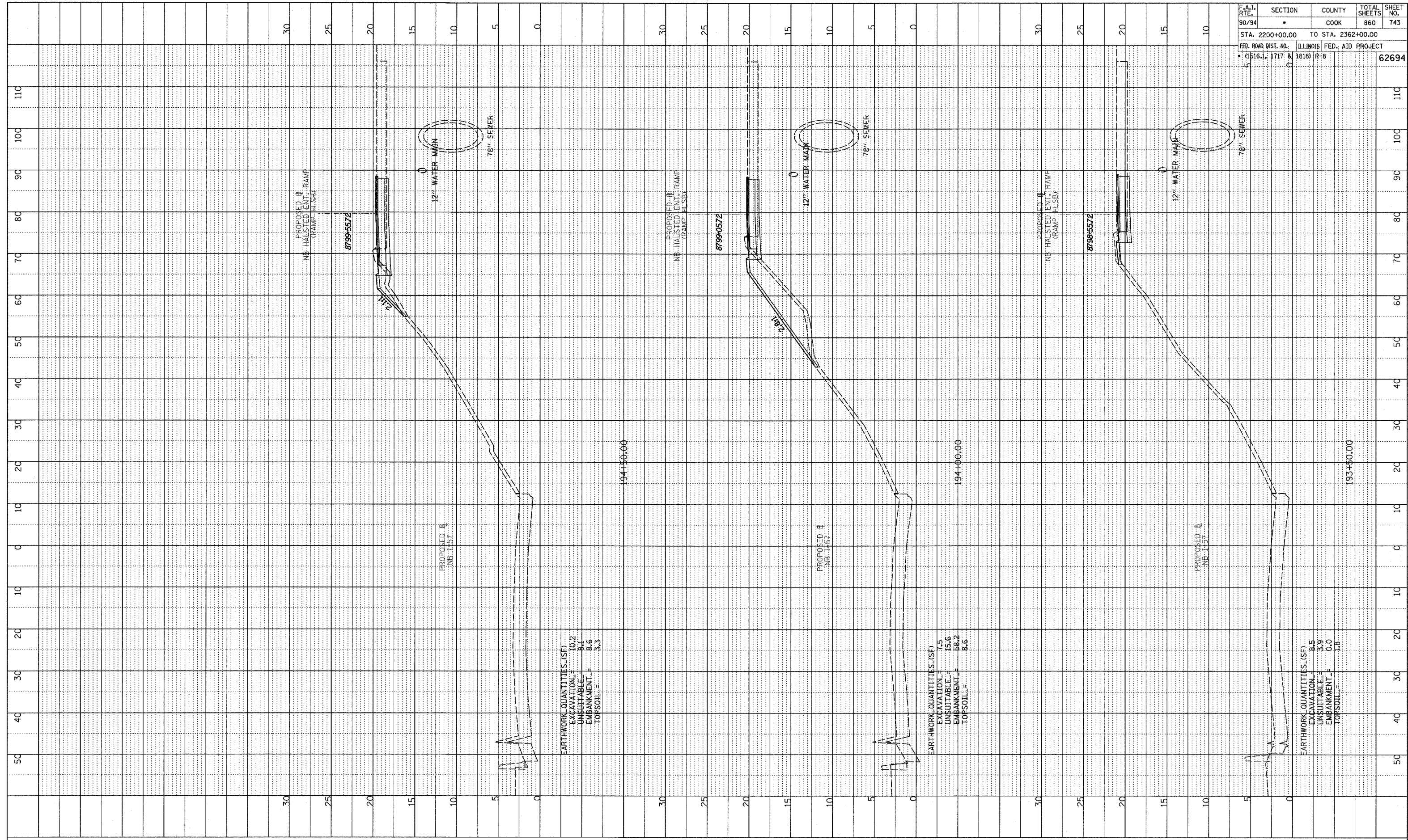
REVISIONS	
NAME	DATE
T. RAMMACHER	12/07/08

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 CITY OF CHICAGO  
 TYPICAL PAVEMENT MARKINGS.

SCALE: NONE  
 DATE 03/09/2004  
 DRAWN BY  
 CHECKED BY  
 TC-24

NOTE BOOK  
FILED CHECKED  
BY: NOTED  
NO. STRUCTURE NOTATIONS CHRD

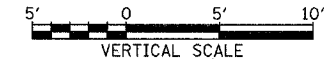
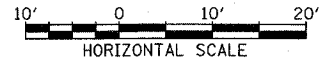
F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 860	SHEET NO. 743
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-8				62694



EARTHWORK QUANTITIES (SF)  
EXCAVATION = 10.2  
UNSUITABLE = 3.1  
EMBANKMENT = 8.6  
TOPSOIL = 3.3

EARTHWORK QUANTITIES (SF)  
EXCAVATION = 7.5  
UNSUITABLE = 15.6  
EMBANKMENT = 58.2  
TOPSOIL = 8.6

EARTHWORK QUANTITIES (SF)  
EXCAVATION = 8.5  
UNSUITABLE = 3.9  
EMBANKMENT = 0.0  
TOPSOIL = 1.8



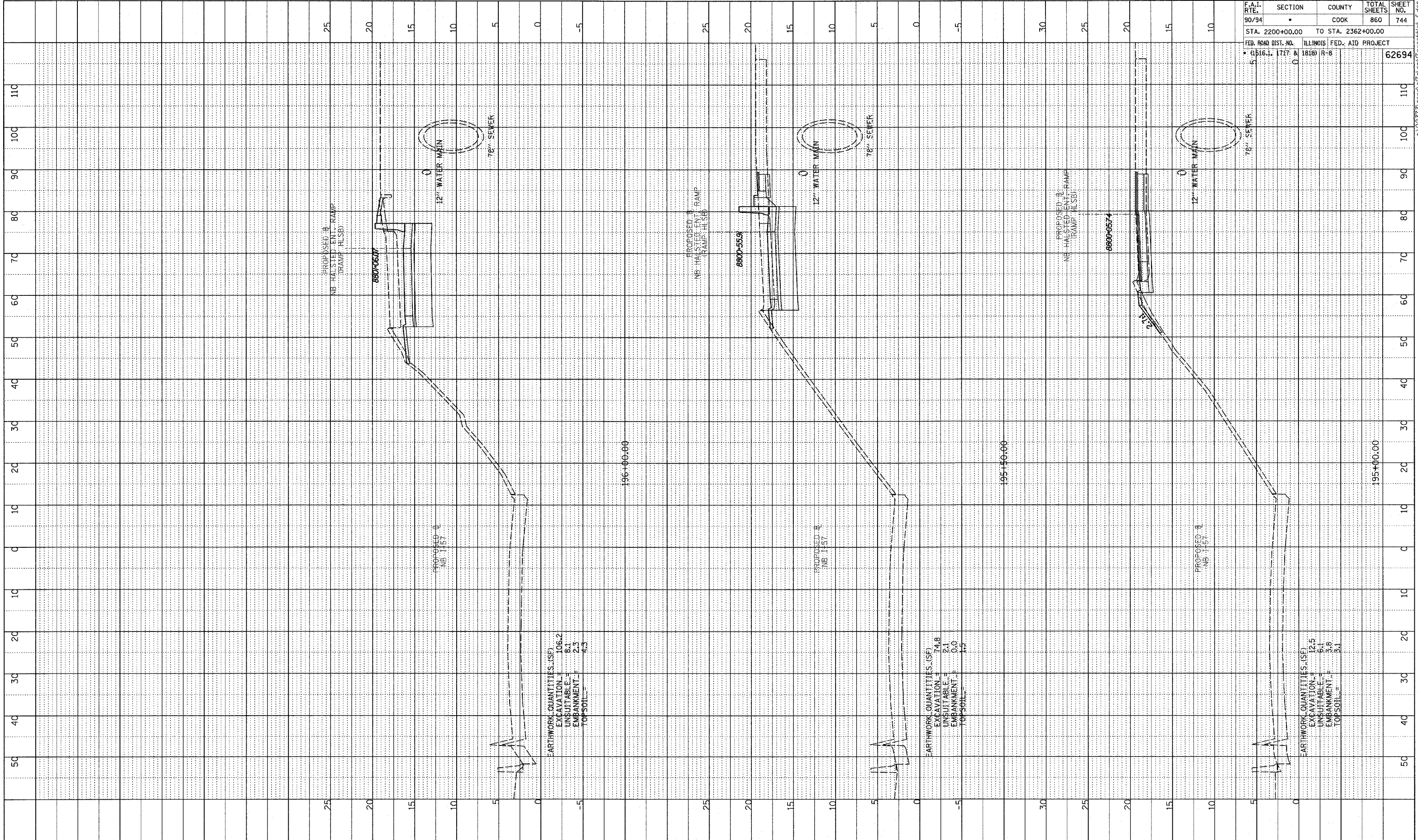
TYLINT INTERNATIONAL

NB HALSTED ST. ENTRANCE RAMP  
STA. 193+50 TO STA. 194+50

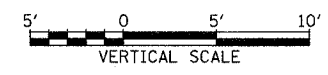
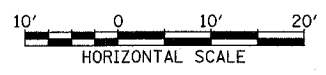
PA-02373\road\tr\agk\tr\ass\hisp\_f.dgn

PLOTTED  
 GRADES CHECKED  
 STRUCTURE NOTATION CHKD  
 NO. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	744
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-8		62694		



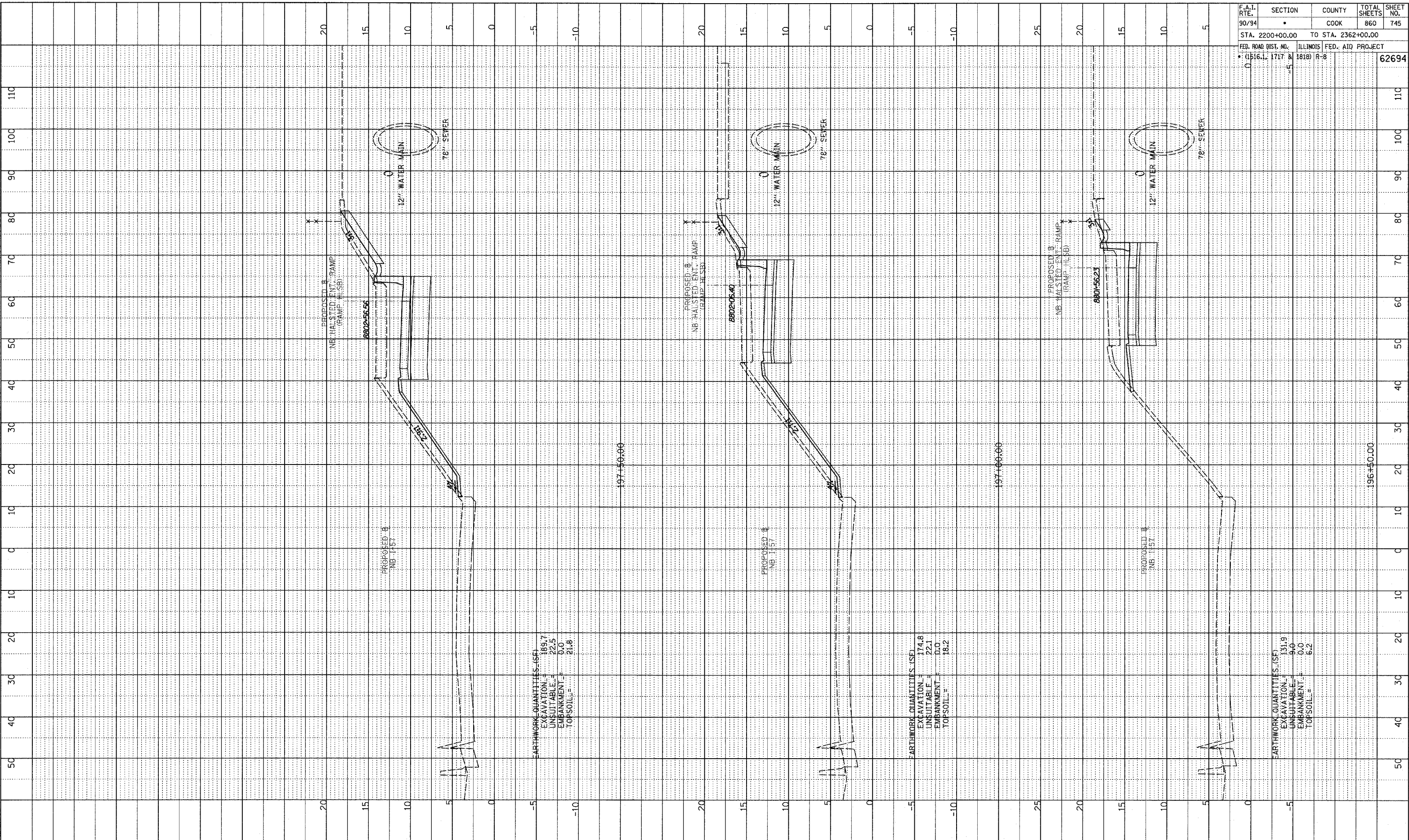
TYLIN INTERNATIONAL



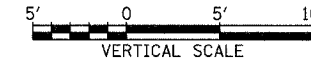
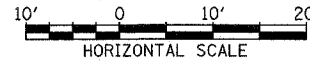
NB HALSTED ST. ENTRANCE RAMP  
 STA. 195+00 TO STA. 196+00

PA-02373 Roadway/Structure/Utility/Grading

F.A.I. RTE. 90/94	SECTION *	COUNTY COOK	TOTAL SHEETS 860	SHEET NO. 745
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 1516.1, 1717 & 1818		R-8		62694



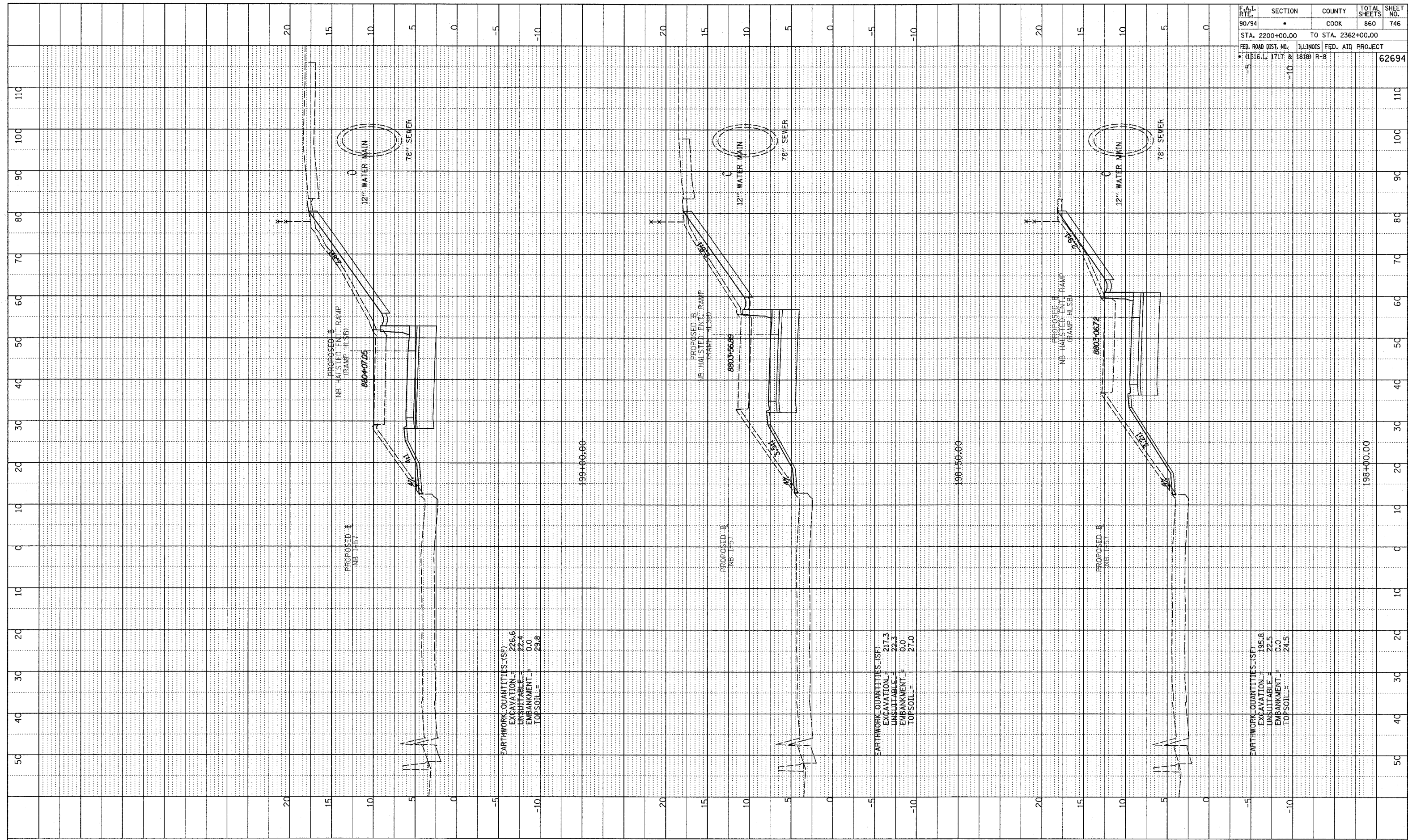
NOTE BOOK  
NO. \_\_\_\_\_  
EARTHWORK QUANTITIES CHECKED  
BY \_\_\_\_\_  
STRUCTURE NOTATIONS CHECKED  
BY \_\_\_\_\_



PROFILES CHECKED  
 PLAN NOTED  
 STRUCTURE NOTATIONS CHKD

NOTE BOOK  
 NO. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	746
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1, 1717 & 1818) R-8				62694

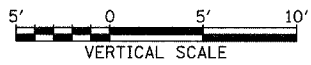


EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 226.6  
 UNSUITABLE = 22.4  
 EMBANKMENT = 0.0  
 TOPSOIL = 29.8

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 217.3  
 UNSUITABLE = 22.3  
 EMBANKMENT = 0.0  
 TOPSOIL = 27.0

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 195.8  
 UNSUITABLE = 22.5  
 EMBANKMENT = 0.0  
 TOPSOIL = 24.5

TYLIN INTERNATIONAL

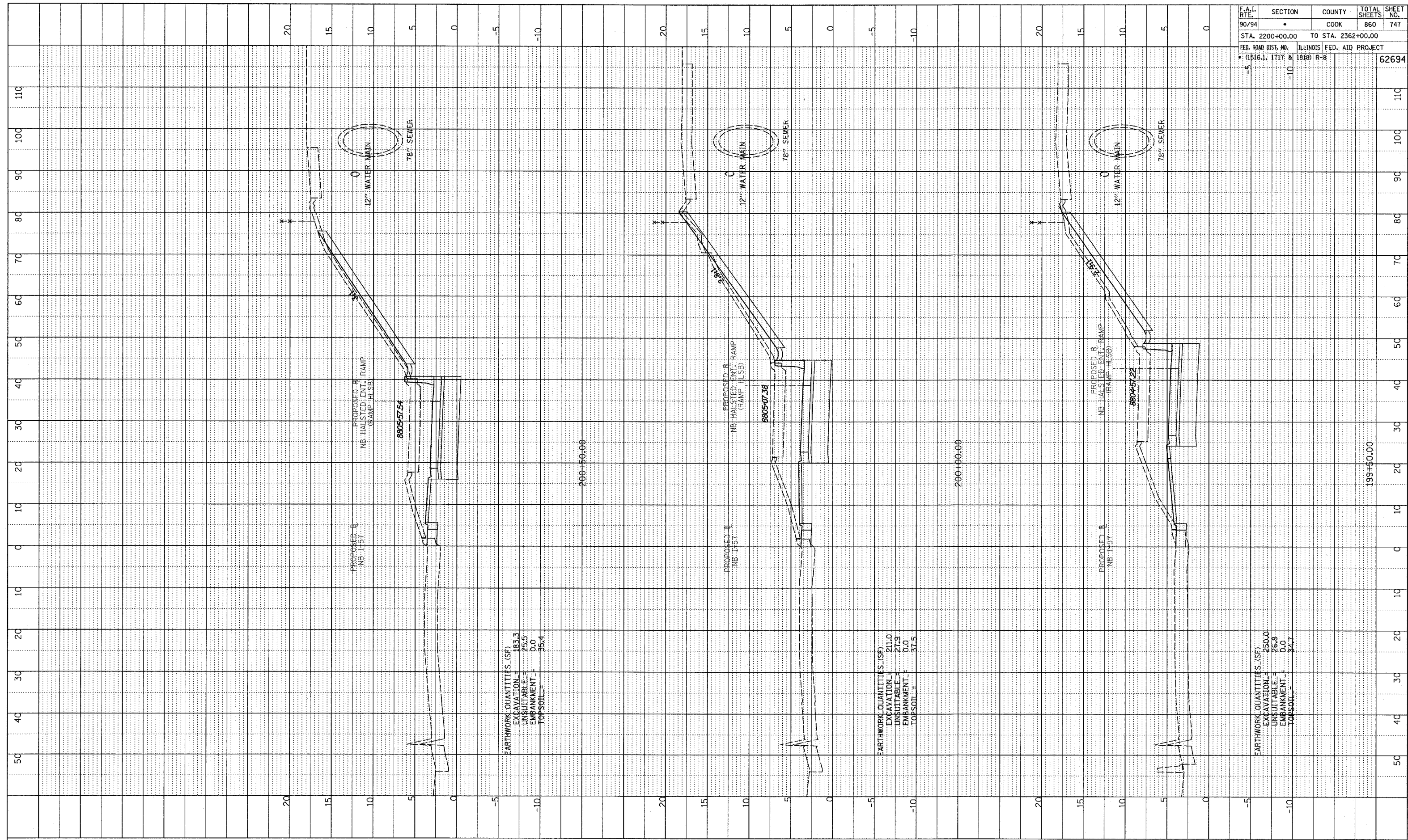


NB HALSTED ST. ENTRANCE RAMP  
 STA. 198+00 TO STA. 199+00

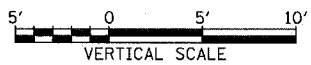
PA02373.ywd\act\tagok\Tass\sh15d\_1.dgn

NOTE BOOK  
NO. \_\_\_\_\_  
DESIGNED BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
DATE NOTED \_\_\_\_\_  
STRUCTURE NOTATIONS OK'D

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	747
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-8		62694		



TYLINT INTERNATIONAL

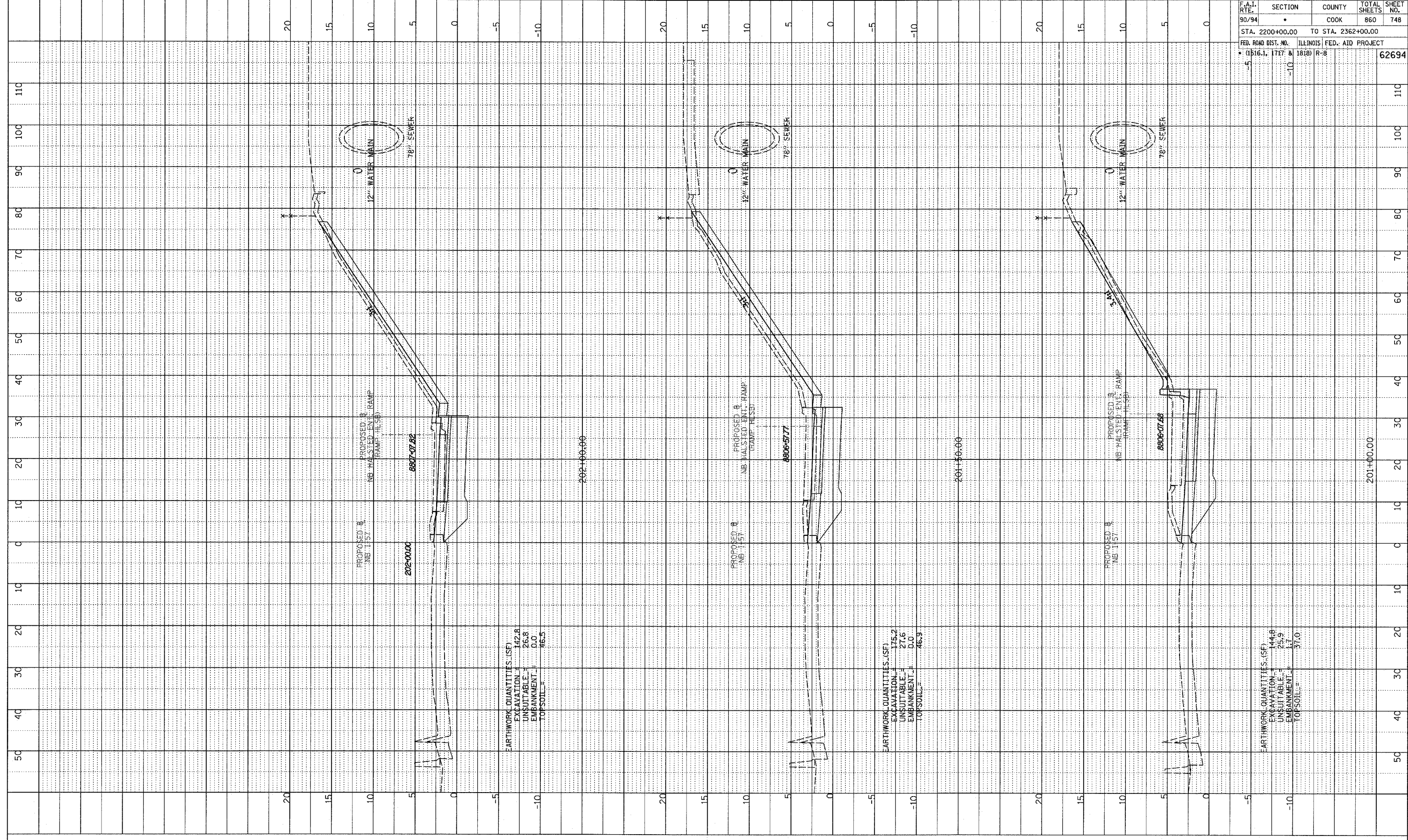


NB HALSTED ST. ENTRANCE RAMP  
STA. 199+50 TO STA. 200+50

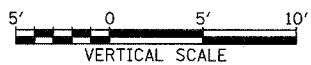
PLAN OF RAMP AND RAMP ENTRIES

PLEASE CHECKED  
 B.M. NOTED  
 STRUCTURE NOTATION CHKD

F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 860	SHEET NO. 748
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
FEB. ROAD DIST. NO. (1516.1, 1717 & 1818)		R-8		
				62694



TYLINT INTERNATIONAL



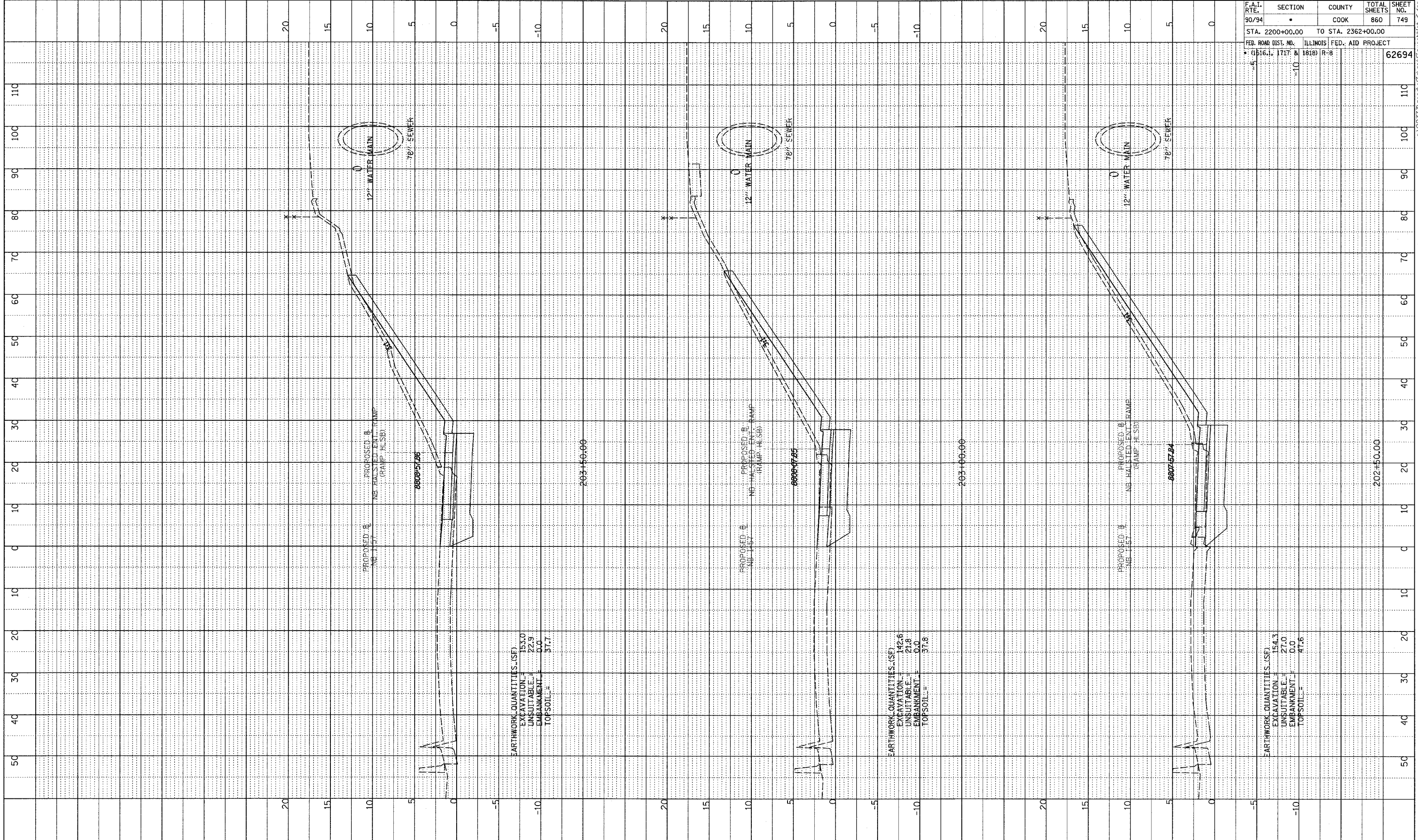
NB HALSTED ST. ENTRANCE RAMP  
 STA. 201+00 TO STA. 202+00

D:\02-3\road\c\tag\k\tyl\st\h\p\_7.dgn



PLOT LEVEL  
 GRADES CHECKED  
 STRUCTURE NOTATION CHKD  
 NO. \_\_\_\_\_

F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 860	SHEET NO. 749
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		62694
• (1516.1, 1717 & 1818) R-8				

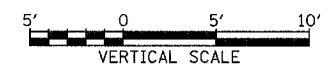
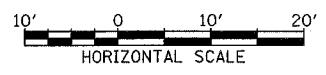


EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 153.0  
 UNSUITABLE = 22.9  
 EMBANKMENT = 0.0  
 TOPSOIL = 37.7

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 142.6  
 UNSUITABLE = 21.8  
 EMBANKMENT = 0.0  
 TOPSOIL = 37.8

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 154.3  
 UNSUITABLE = 27.0  
 EMBANKMENT = 0.0  
 TOPSOIL = 47.6

TYLIN INTERNATIONAL

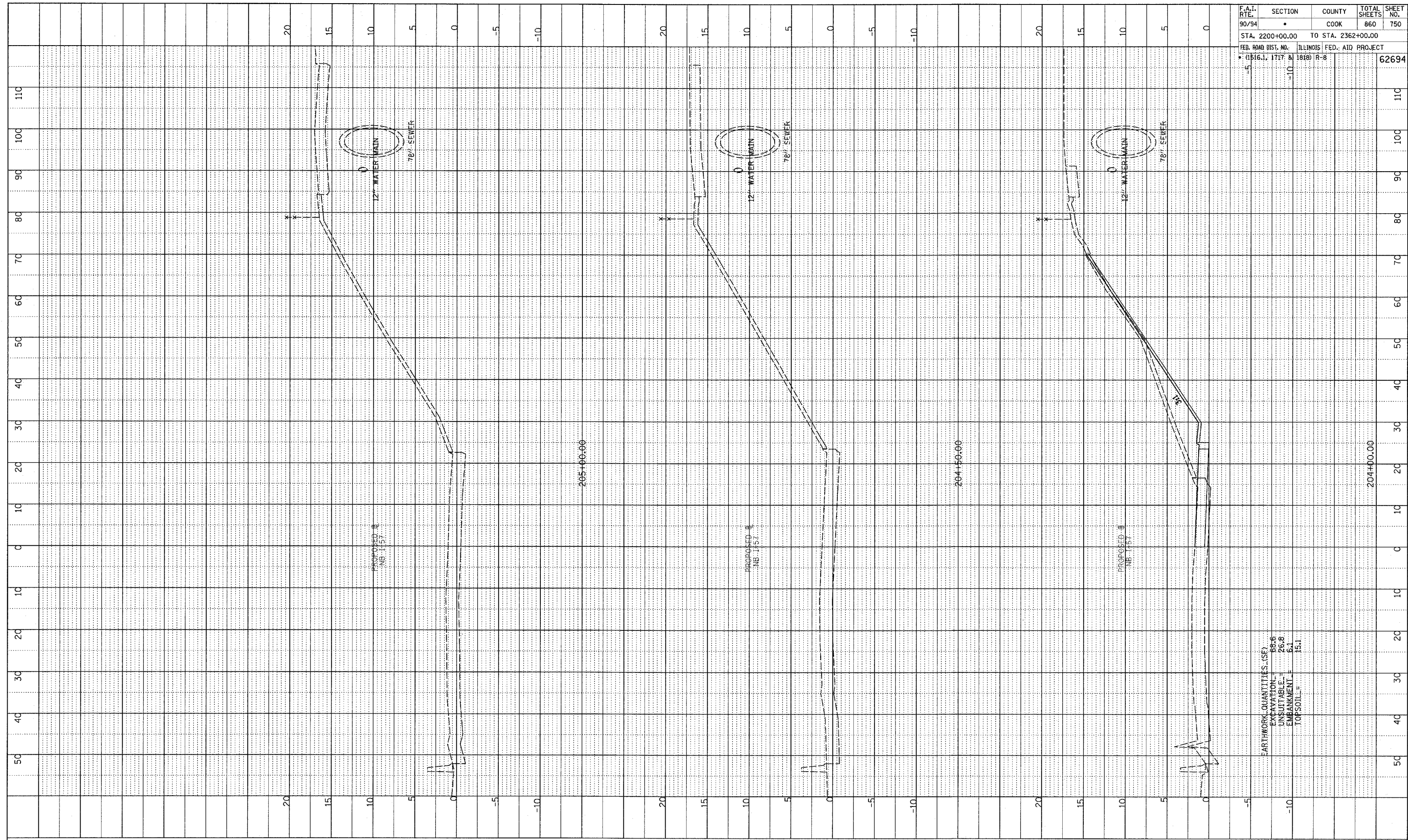


NB HALSTED ST. ENTRANCE RAMP  
STA. 202+50 TO STA. 203+50

P:\02313\road\civ\eng\proj\assists\15b\_1.dgn

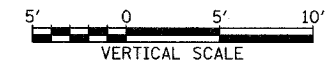
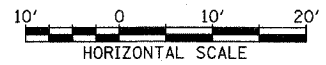
NOTE BOOK  
 NO. \_\_\_\_\_  
 DATE CHECKED \_\_\_\_\_  
 BY WH NOTED \_\_\_\_\_  
 STRUCTURE NOTATIONS CHRD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	860	750
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8		62694		



EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 88.6  
 UNSUITABLE = 26.8  
 EMBANKMENT = 6.1  
 TOPSOIL = 15.1

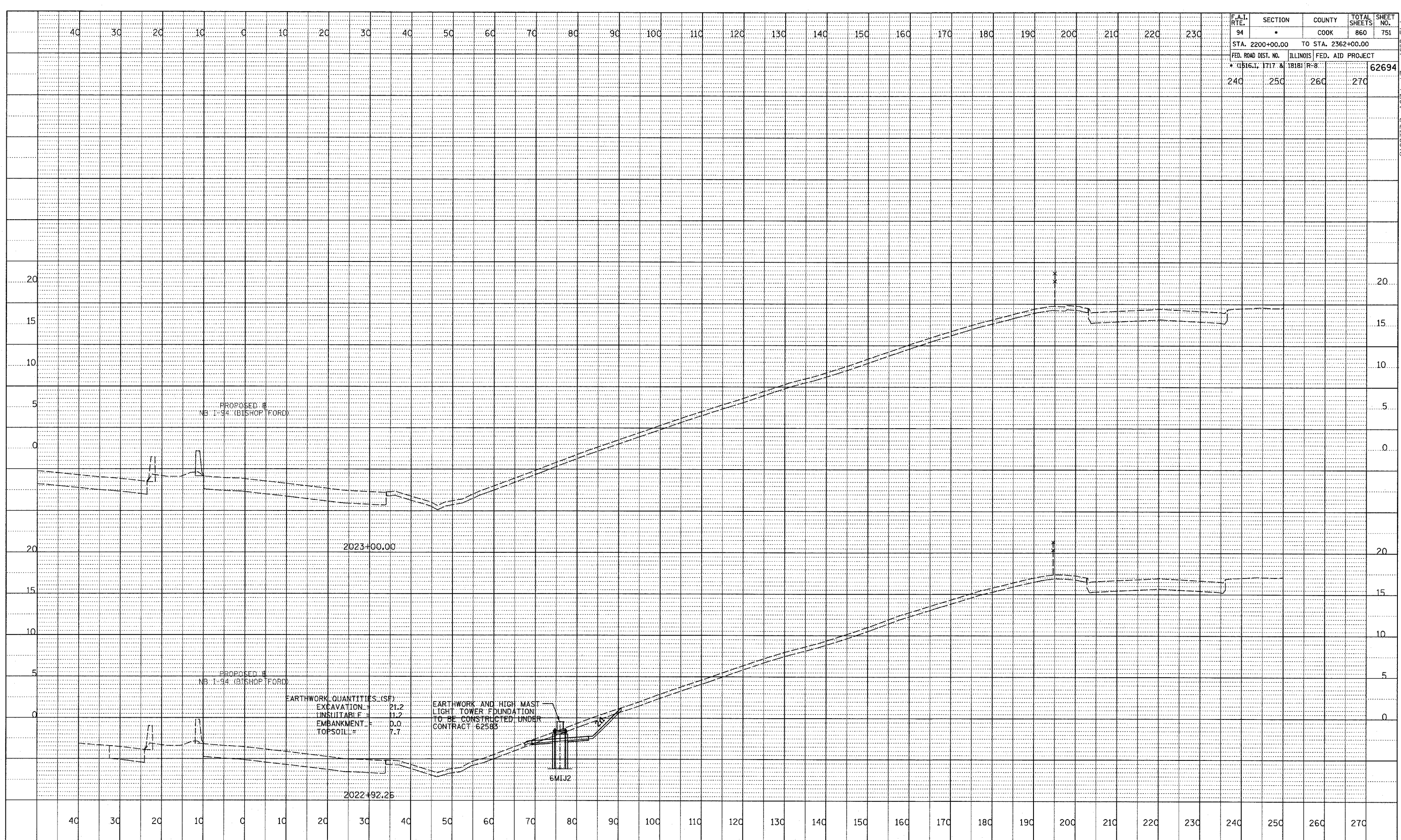
TYLINT INTERNATIONAL



NB HALSTED ST. ENTRANCE RAMP  
 STA. 204+00 TO STA. 205+00

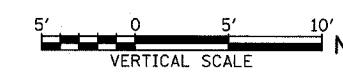
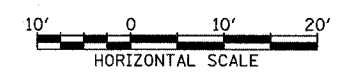
P:\02373\road\017\agok\Tass\shab.F.dgn

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	751
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 1516.1, 1717 & 1818	R-8		62694	
240	250	260	270	



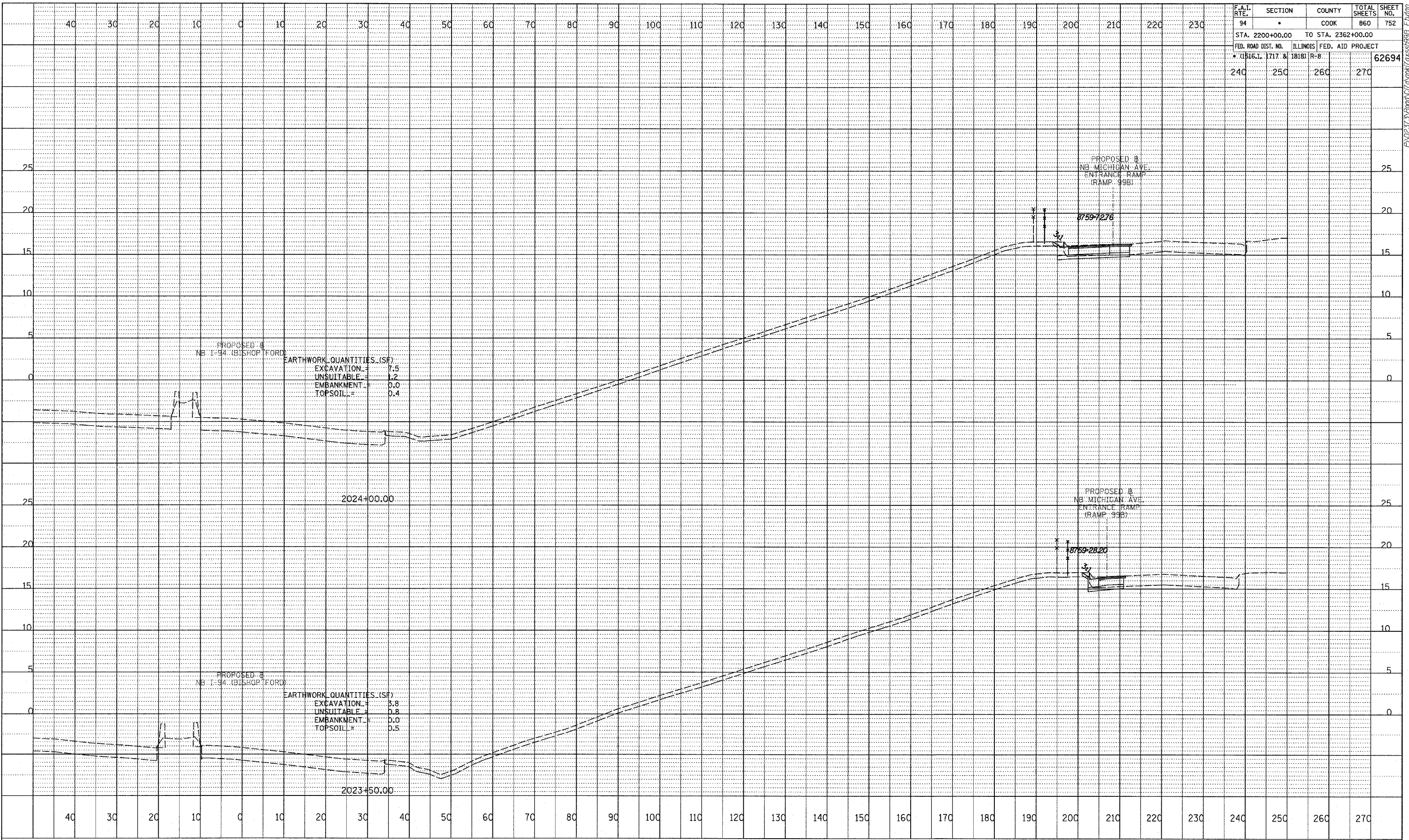
DATE	
BY	
PROFILER	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	

TYLIN INTERNATIONAL



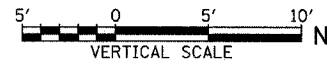
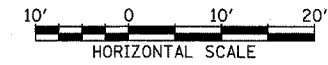
NB MICHIGAN AVE, ENTRANCE RAMP  
STA. 2022+92 TO STA. 2023+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	752
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516, 1717 & 1818) R-8			62694	
240	250	260	270	



DATE	
BY	
PROFILE SURVEYED	
PLOTTED & CHECKED	
NOTE BOOK	
NO.	
STRUCTURE NOTATIONS CHKD	

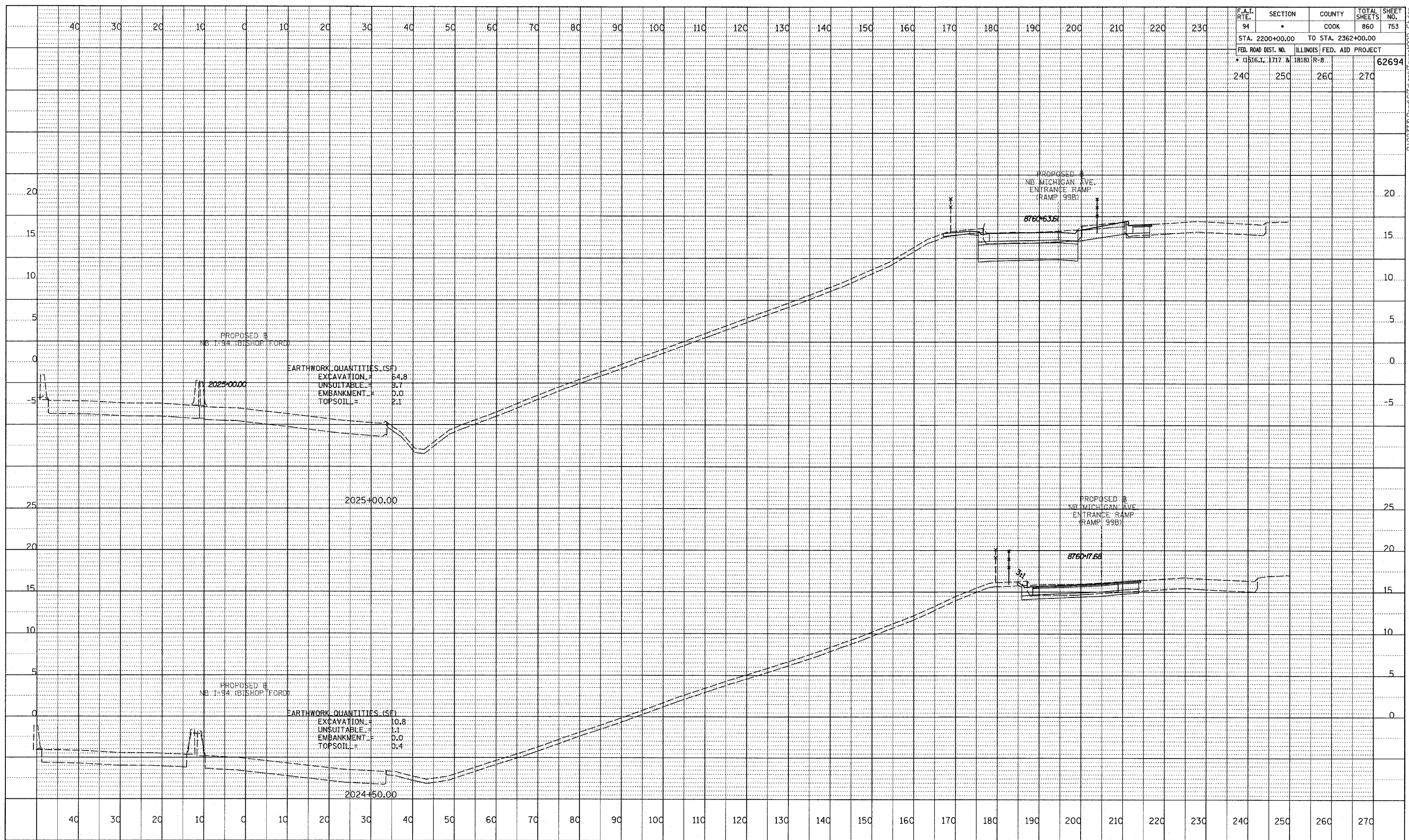
TYLIN INTERNATIONAL



NB MICHIGAN AVE, ENTRANCE RAMP  
 STA. 2023+50 TO STA. 2024+00

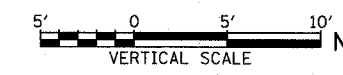
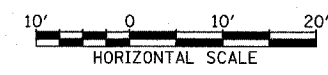
FA0233 Rev A (7/20) 17/05/17 05:55:19 98 F 1/4/19

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	753
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
0516.1, 1717 & 1818	R-8		62694	
240	250	260	270	



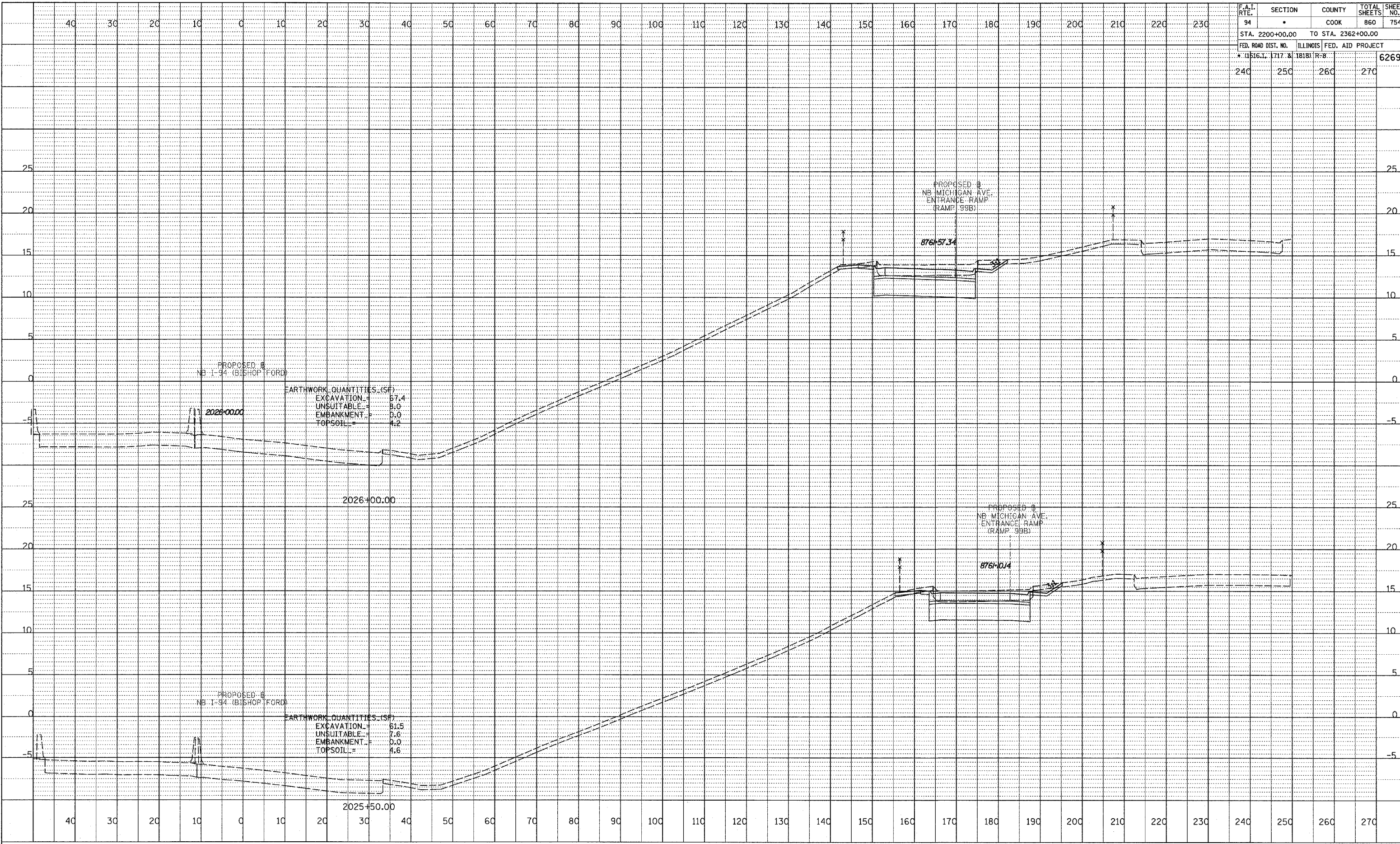
DATE	
BY	
PROFILE	
SURVEYED	
GRADES CHECKED	
STRUCTURE	
STATUS	BYVD
NOTE BOOK NO.	
NO.	

TYLIN INTERNATIONAL



NB MICHIGAN AVE, ENTRANCE RAMP  
 STA. 2024+50 TO STA. 2025+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	754
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1, 1717 & 1818) R-B				62694
240	250	260	270	

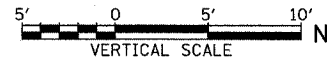
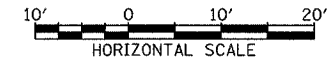


EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 67.4  
 UNSUITABLE = 8.0  
 EMBANKMENT = 0.0  
 TOPSOIL = 4.2

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 81.5  
 UNSUITABLE = 7.6  
 EMBANKMENT = 0.0  
 TOPSOIL = 4.6

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
CHECKED	
DATE	
NOTE BOOK	
NO.	
STRUCTURE NOTATIONS CHRG	

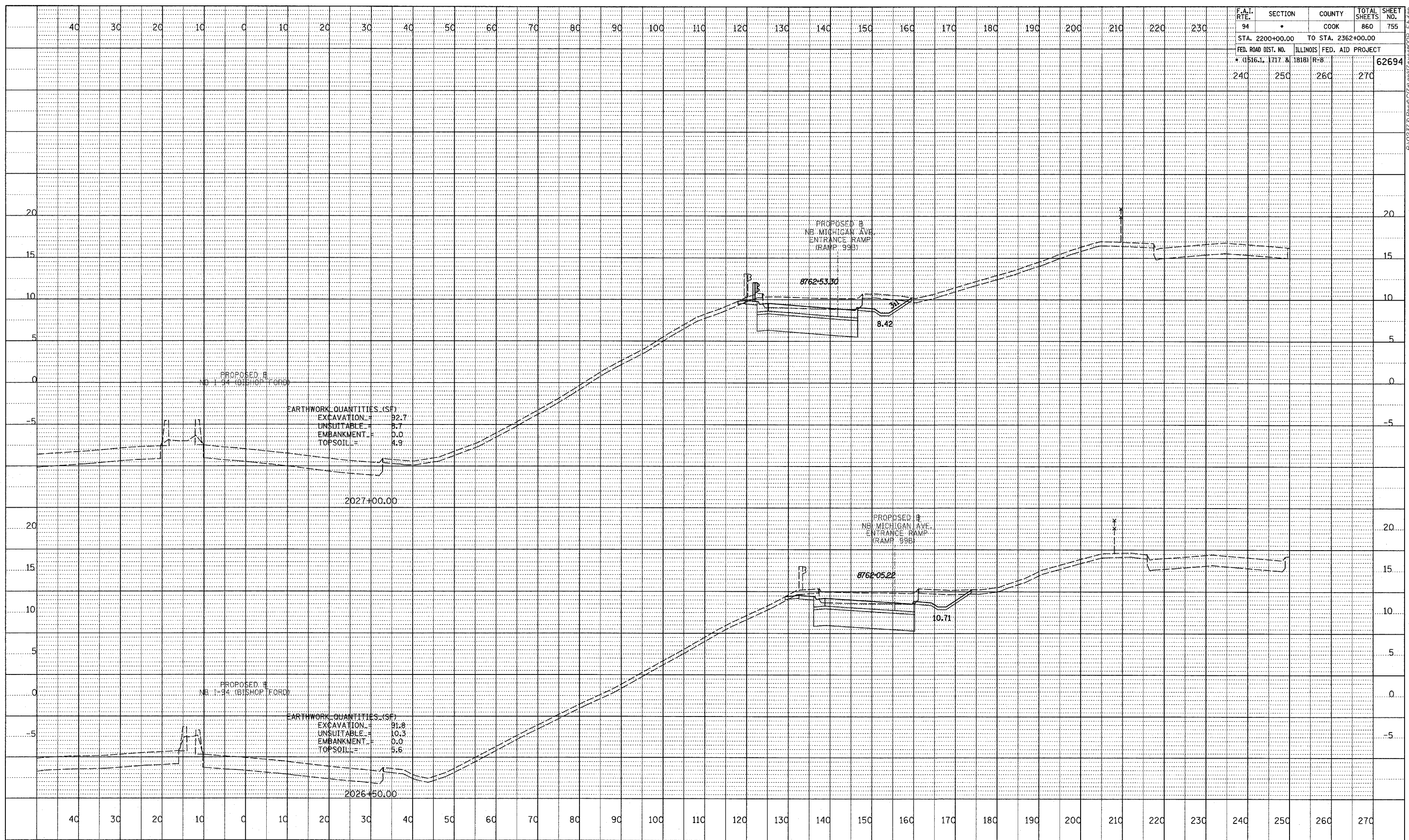
TYLINT INTERNATIONAL



NB MICHIGAN AVE, ENTRANCE RAMP  
 STA. 2025+50 TO STA. 2026+00

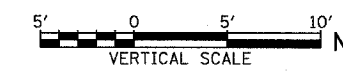
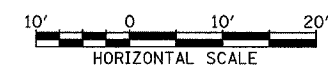
F:\0231\3\Road\017\0\graph\1\assess\1991.Frag

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	755
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
1516.1, 1717 & 1818	R-8		62694	
240	250	260	270	



PROFILE SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 STRUCTURE NO: \_\_\_\_\_  
 STATUS: CHD

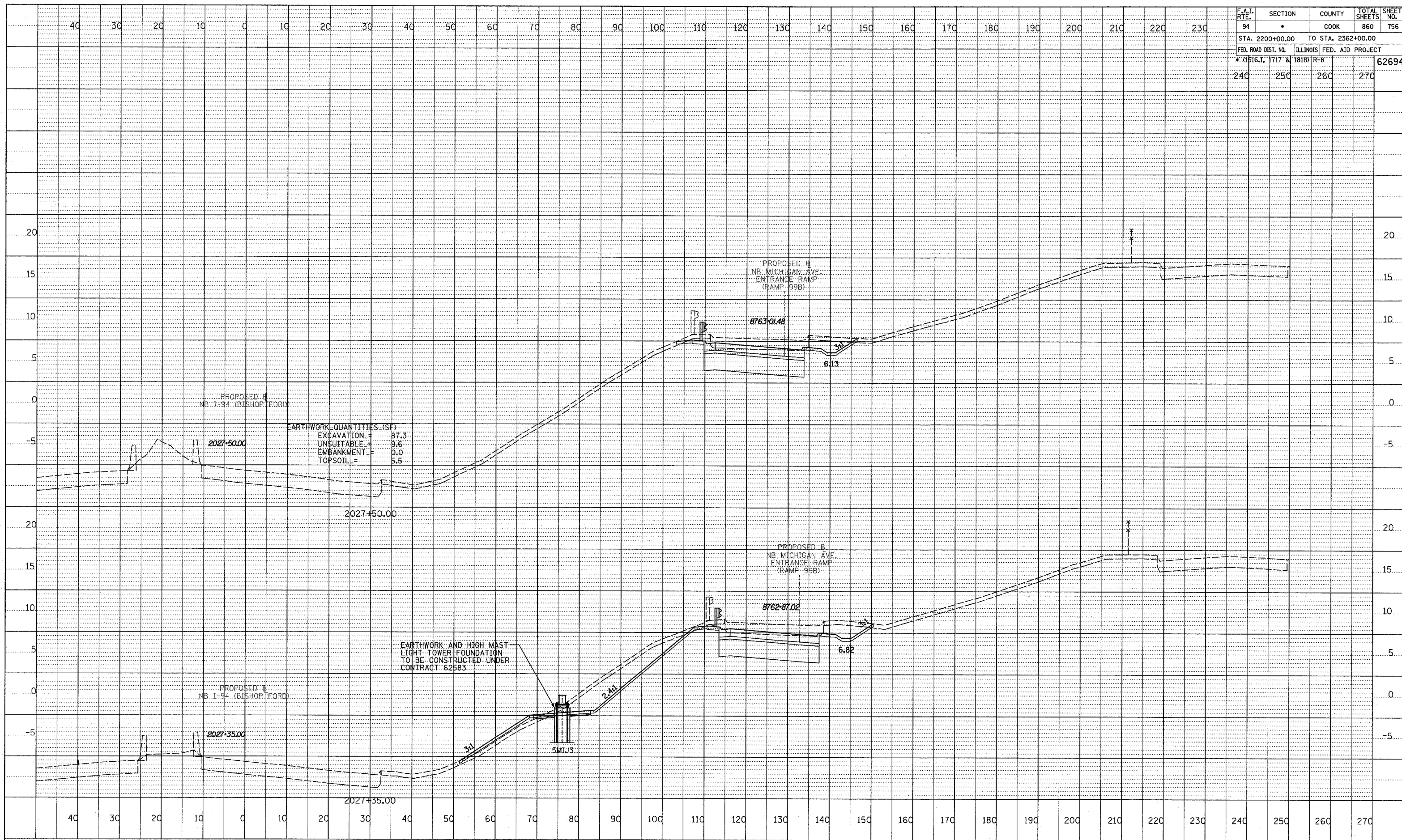
TYLIN INTERNATIONAL



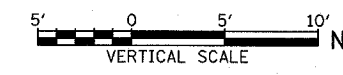
NB MICHIGAN AVE, ENTRANCE RAMP  
 STA. 2026+50 TO STA. 2027+00

A:\0231\3-Profiles\17-01\p17-arcs1999-1.dwg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	756
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
1516, 1717 & 1818	R-8	62694		
240	250	260	270	

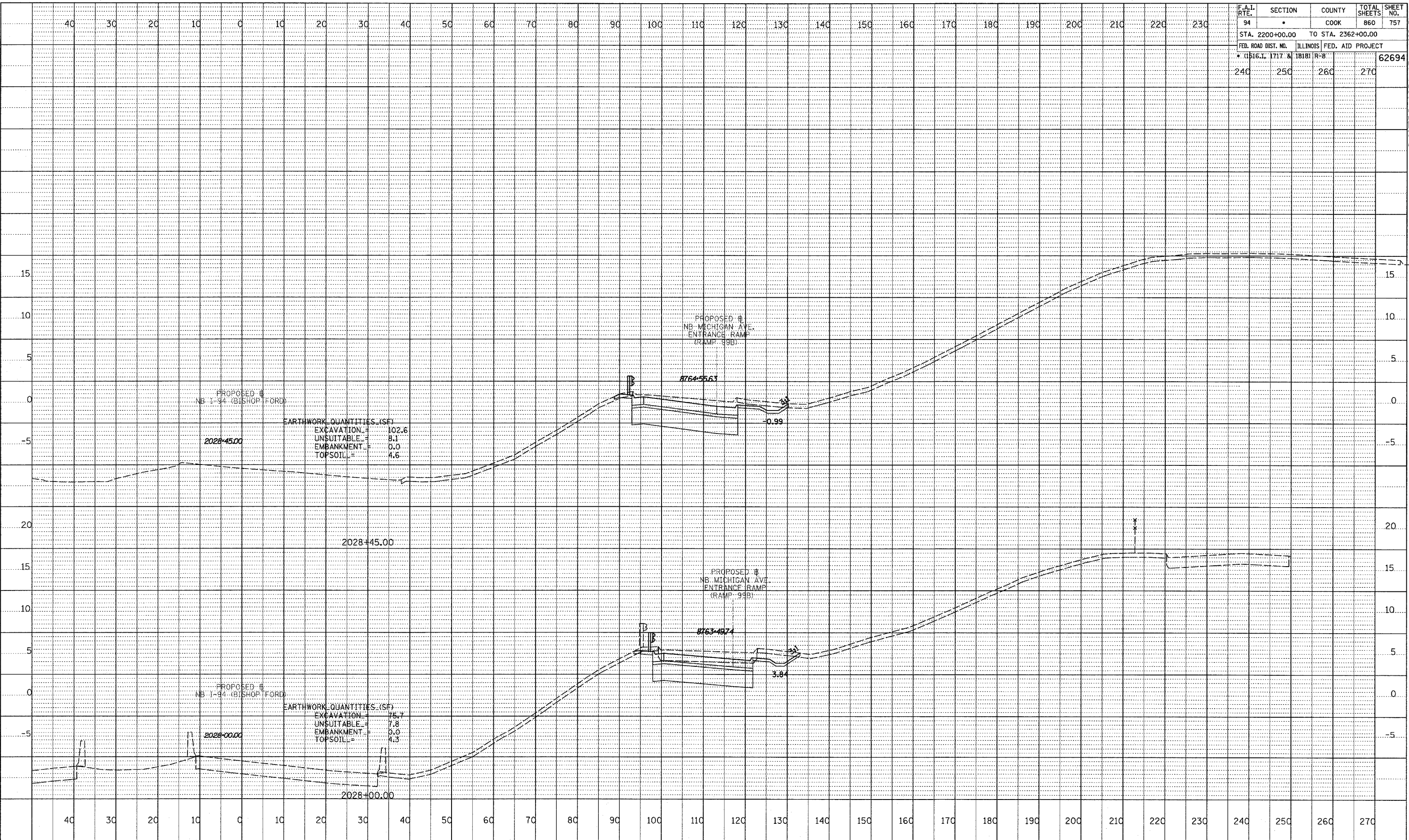


PROFILE  
 REVISIONS  
 GRADES CHECKED  
 STRUCTURE NOTATIONS OK'D  
 NO. \_\_\_\_\_  
 DATE  
 BY  
 REVISED 05/06/05





F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	757
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 1516, 1717 & 1818	R-8		62694	
240	250	260	270	



EARTHWORK QUANTITIES (SF)

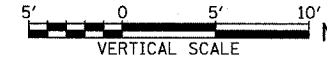
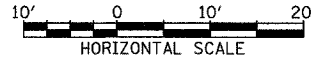
EXCAVATION	=	102.6
UNSUITABLE	=	8.1
EMBANKMENT	=	0.0
TOPSOIL	=	4.6

EARTHWORK QUANTITIES (SF)

EXCAVATION	=	25.7
UNSUITABLE	=	7.8
EMBANKMENT	=	0.0
TOPSOIL	=	4.3

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 GRADES CHECKED: \_\_\_\_\_  
 B.M. NOTED: \_\_\_\_\_  
 STRUCTURE NOTATING: \_\_\_\_\_

TYLIN INTERNATIONAL



NB MICHIGAN AVE, ENTRANCE RAMP  
 STA. 2028+00 TO STA. 2028+45

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	758
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717 & 1818) R-8		62694		
240	250	260	270	

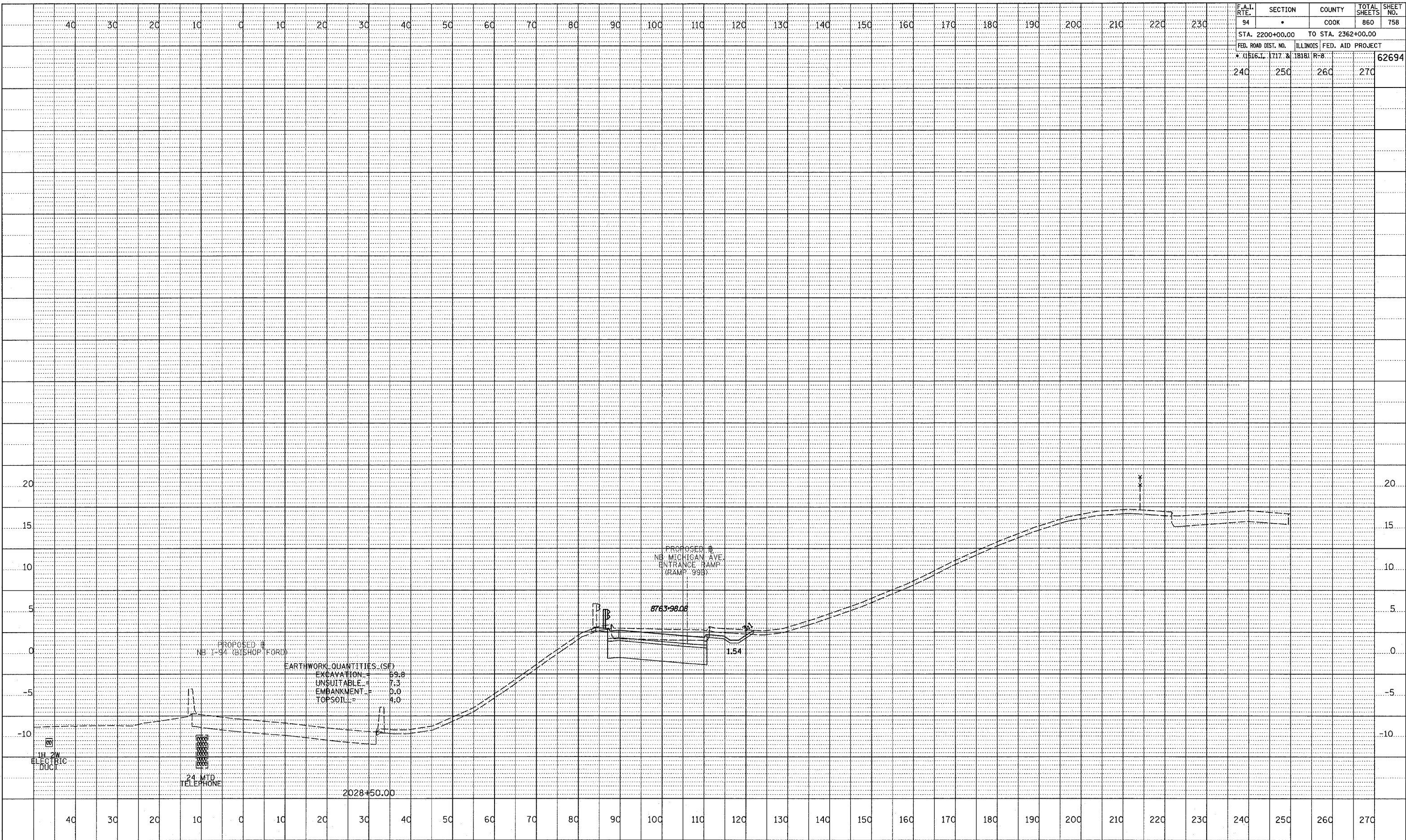
DATE	BY

PROFILE	SURVEYED	PLOTTED	RECHECKED	DATE

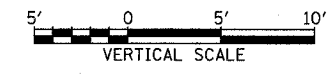
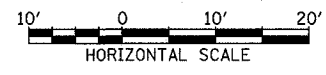
  

NOTE BOOK NO.	STRUCTURE NOTATION CHNO



EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 59.8  
 UNSUITABLE = 7.3  
 EMBANKMENT = 0.0  
 TOPSOIL = 4.0

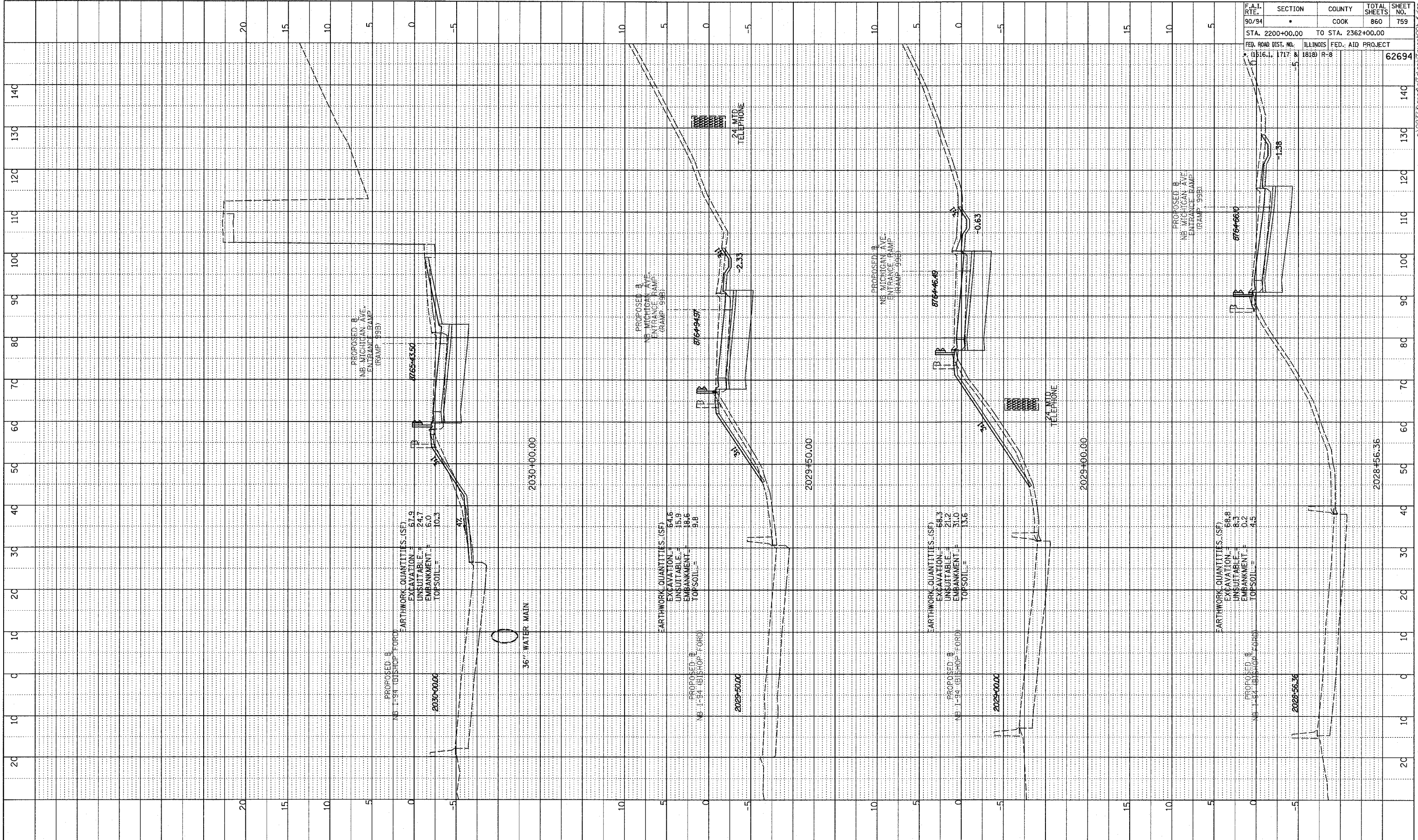
TYLIN INTERNATIONAL



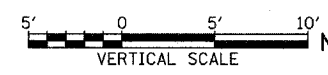
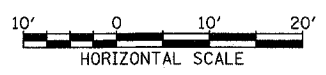
NB MICHIGAN AVE, ENTRANCE RAMP  
 STA. 2028+50

PLOTTED  
 GRADES CHECKED  
 STRUCTURE NOTATION CPAD  
 NO.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	759
STA. 2200+00.00 TO STA. 2362+00.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		R-8		
				62694



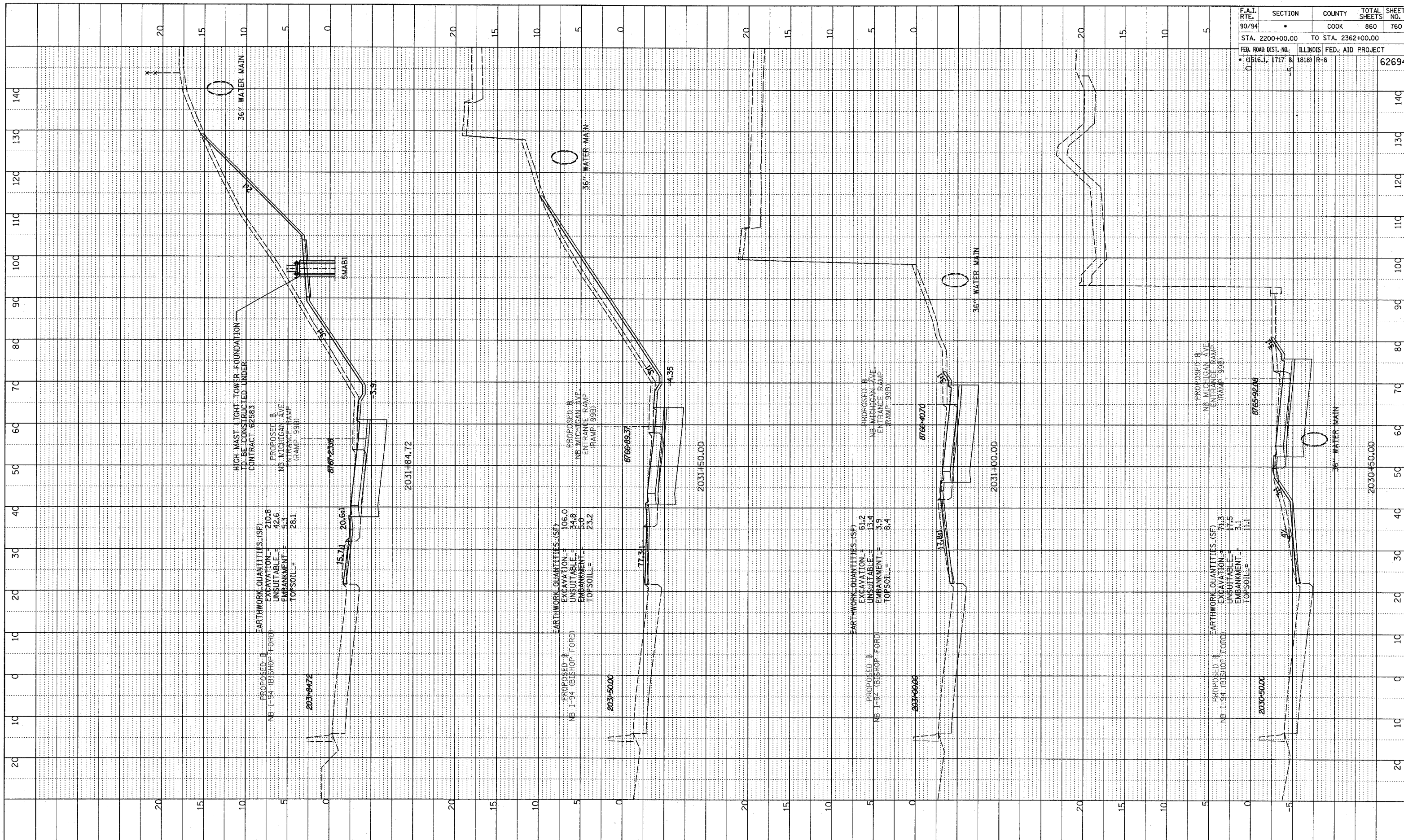
TYLIN INTERNATIONAL



NB MICHIGAN AVE, ENTRANCE RAMP  
 STA. 2028+56 TO STA. 2030+00

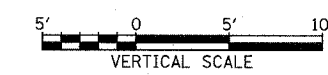
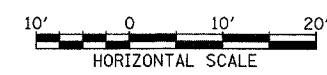
P:\0237\3\road\cvt\eng\k\cross\99b\_7.dgn

NOTE BOOK GRADES CHECKED  
 NO. 154, NOTED STRUCTURE NOTATIONS OK'D  
 REVISED 05/06/05



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	760
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
• (1516, 1, 1717 & 1818) R-8				62694

TYLIN INTERNATIONAL

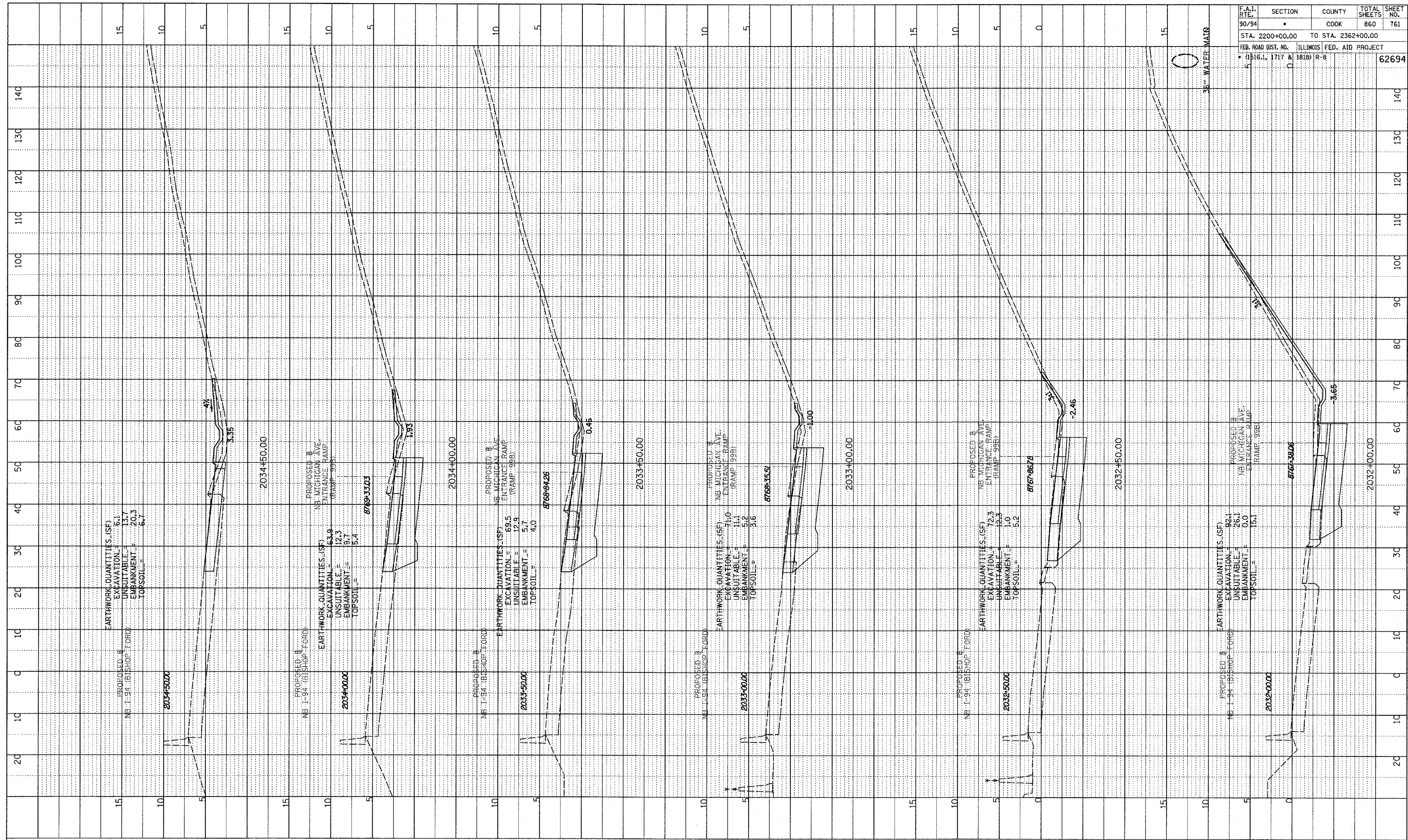


NB MICHIGAN AVE, ENTRANCE RAMP  
 STA. 2030+50 TO STA. 2031+84

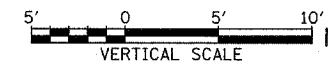
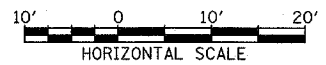
P:\02373\Ford\CT\02373\Ford\17051999.F.dgn

NOTE BOOK  
 PROFILES CHECKED  
 B.A. NOTED  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS CPND

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	860	761
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8				
				62694



TYLIN INTERNATIONAL

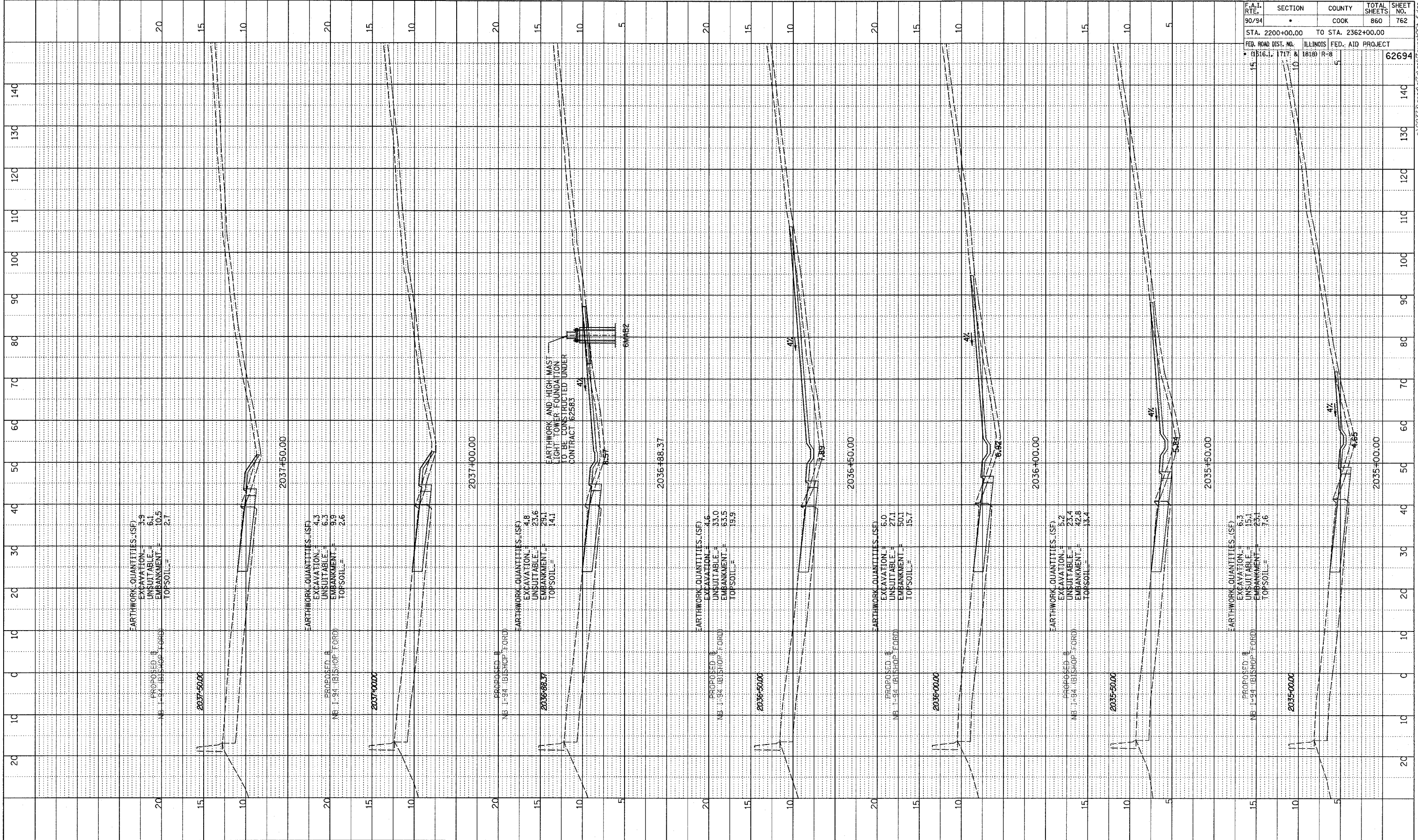


NB MICHIGAN AVE, ENTRANCE RAMP  
 STA. 2032+00 TO STA. 2034+50

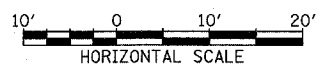
D:\02313\road\at\gpk\Taxes\95b\_f.dgn

PROJECT NO. \_\_\_\_\_  
 DATE PLOTTED \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 STRUCTURE NOTATION: CRD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	762
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		62694
* (1516.1, 1717 & 1818) R-8				



TYLIN INTERNATIONAL

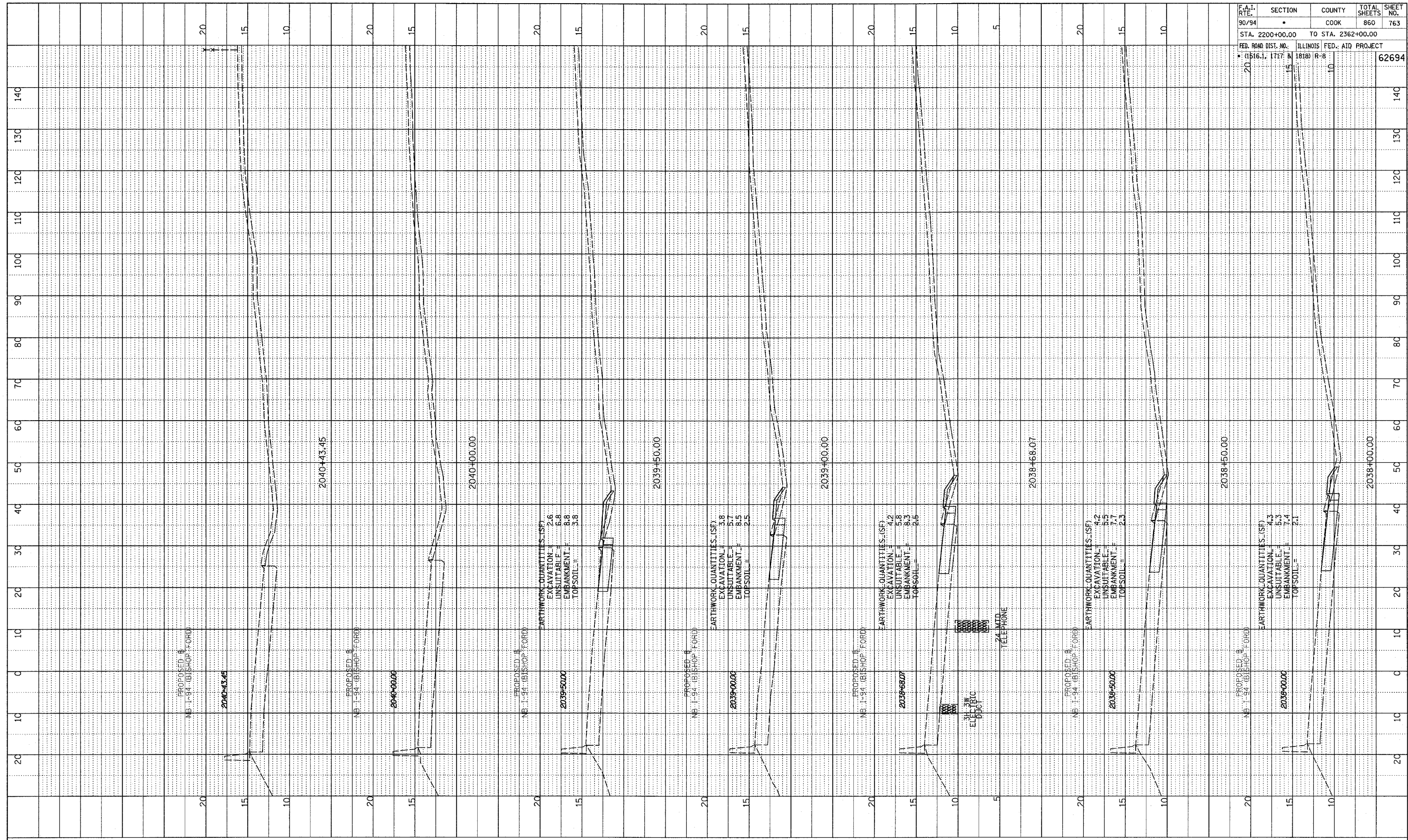


NB MICHIGAN AVE, ENTRANCE RAMP  
 STA. 2035+00 TO STA. 2037+50

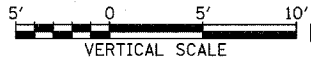
PA-0237-3/road/eng/tylin/assess/1.dgn

NOTE BOOK  
 BRIDGE CHECKER  
 BAL. NOTED  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS CHRD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	860	763
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. 1516.1, 1717.8		ILLINOIS FED. AID PROJECT 1818 R-8		62694



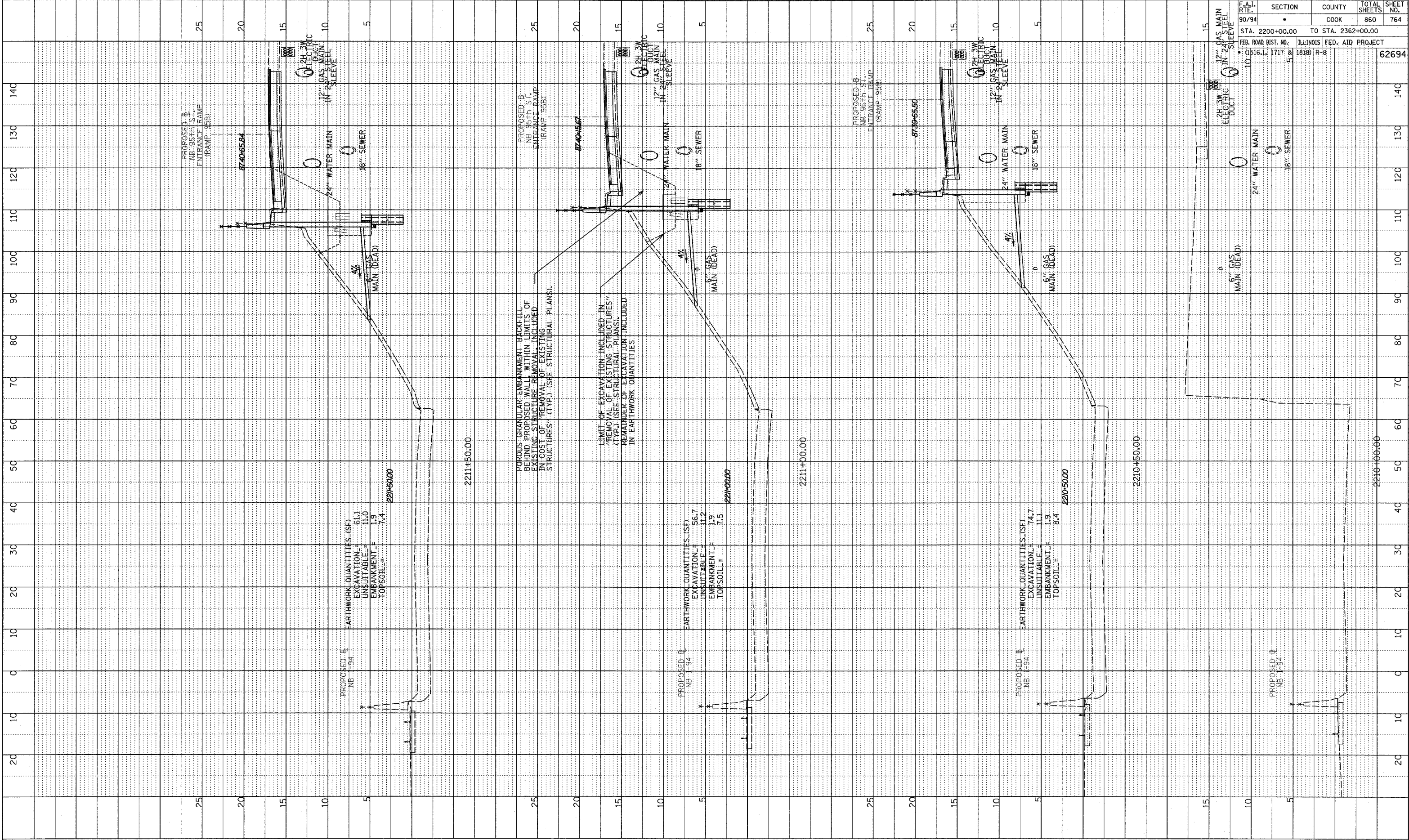
TYLINTERNATIONAL



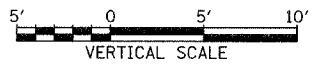
NB MICHIGAN AVE, ENTRANCE RAMP  
 STA. 2038+00 TO STA. 2040+43

p:\02373\road\cvt\p\pht\axes189p.f.dgn

NOTE BOOK  
 NO. \_\_\_\_\_  
 PLANTED  
 CHECKED  
 STRUCTURE NOTATION CHRD



TYLIN INTERNATIONAL



NB 95th ST. ENTRANCE RAMP  
 STA. 2210+00 TO STA. 2211+50

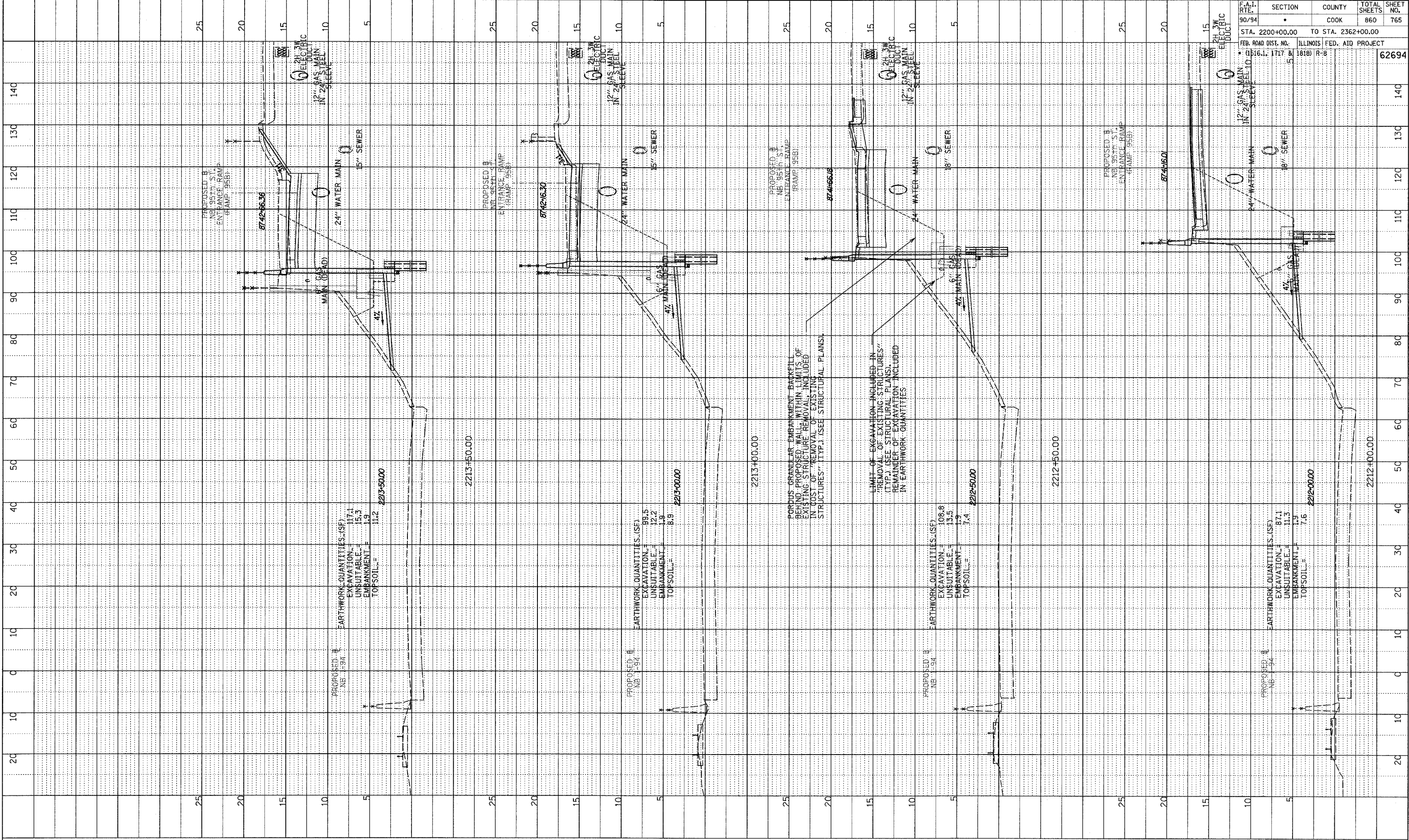
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	764
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-8		62694		

pa-02373yroadnct/02gpk/02ass/95b\_1.dgn



NOTE BOOK  
 PLANNED, CHECKED  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS CHNO

F.A.I. RTE. 90/94	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. 2200+00.00 TO STA. 2362+00.00	COOK	ILLINOIS	860	765
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-8	ILLINOIS FED. AID PROJECT		62694	



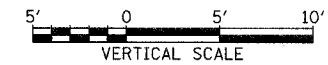
PROPOSED B NB 95th ST. ENTRANCE RAMP (RAMP 955B)  
 EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 17.1  
 UNSUITABLE = 15.3  
 EMBANKMENT = 1.9  
 TOPSOIL = 11.2  
 2213+50.00

PROPOSED B NB 95th ST. ENTRANCE RAMP (RAMP 955B)  
 EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 89.5  
 UNSUITABLE = 12.2  
 EMBANKMENT = 1.9  
 TOPSOIL = 8.9  
 2213+00.00

PROPOSED B NB 95th ST. ENTRANCE RAMP (RAMP 955B)  
 EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 108.8  
 UNSUITABLE = 13.5  
 EMBANKMENT = 1.9  
 TOPSOIL = 7.4  
 2212+50.00

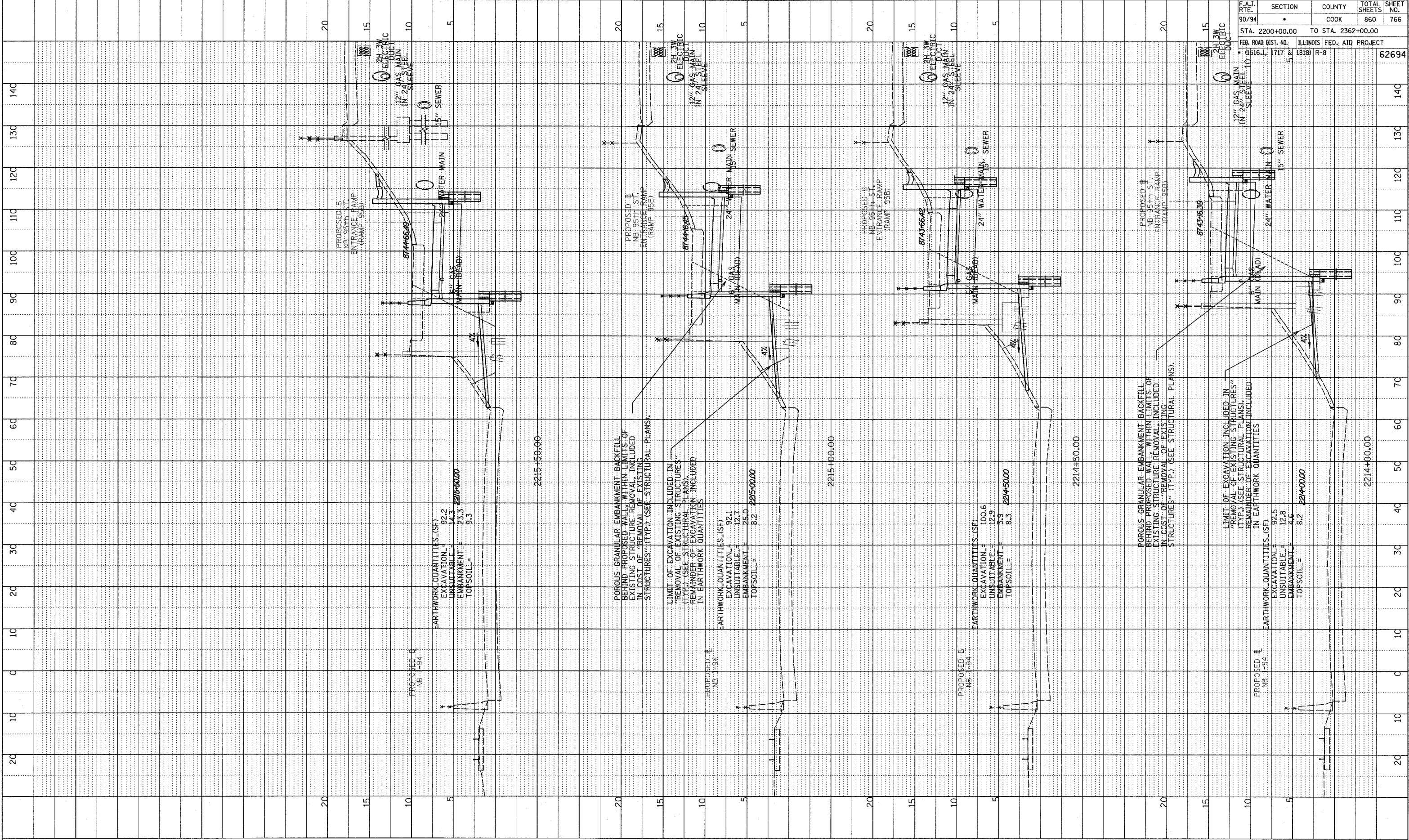
PROPOSED B NB 95th ST. ENTRANCE RAMP (RAMP 955B)  
 EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 87.1  
 UNSUITABLE = 11.3  
 EMBANKMENT = 1.9  
 TOPSOIL = 7.6  
 2212+00.00

POROUS GRANULAR EMBANKMENT BACKFILL BEHIND PROPOSED WALLS WITHIN LIMITS OF EXISTING STRUCTURE REMOVAL, INCLUDED IN COST OF "REMOVAL OF EXISTING STRUCTURES" (TYP.) (SEE STRUCTURAL PLANS).  
 LIMIT OF EXCAVATION INCLUDED IN "REMOVAL OF EXISTING STRUCTURES" (TYP.) (SEE STRUCTURAL PLANS). REMAINDER OF EXCAVATION INCLUDED IN "EARTHWORK QUANTITIES".



NOTE BOOK  
 PLOTTED & CHECKED  
 DATE NOTED  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATION CHRG

F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 860	SHEET NO. 766
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-8		62694		



EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 92.2  
 UNSUITABLE = 14.3  
 EMBANKMENT = 23.3  
 TOPSOIL = 9.3

POROUS GRANULAR EMBANKMENT BACKFILL  
 BEHIND PROPOSED WALL, WITHIN LIMITS OF  
 EXISTING STRUCTURE REMOVAL, INCLUDED  
 IN COST OF "REMOVAL OF EXISTING  
 STRUCTURES" (TYP.) (SEE STRUCTURAL PLANS).

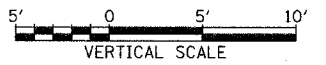
LIMIT OF EXCAVATION INCLUDED IN  
 "REMOVAL OF EXISTING STRUCTURES"  
 (TYP.) (SEE STRUCTURAL PLANS).  
 REMAINDER OF EXCAVATION INCLUDED  
 IN EARTHWORK QUANTITIES

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 92.1  
 UNSUITABLE = 12.7  
 EMBANKMENT = 25.0  
 TOPSOIL = 8.2

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 100.6  
 UNSUITABLE = 12.9  
 EMBANKMENT = 3.3  
 TOPSOIL = 8.3

LIMIT OF EXCAVATION INCLUDED IN  
 "REMOVAL OF EXISTING STRUCTURES"  
 (TYP.) (SEE STRUCTURAL PLANS).  
 REMAINDER OF EXCAVATION INCLUDED  
 IN EARTHWORK QUANTITIES

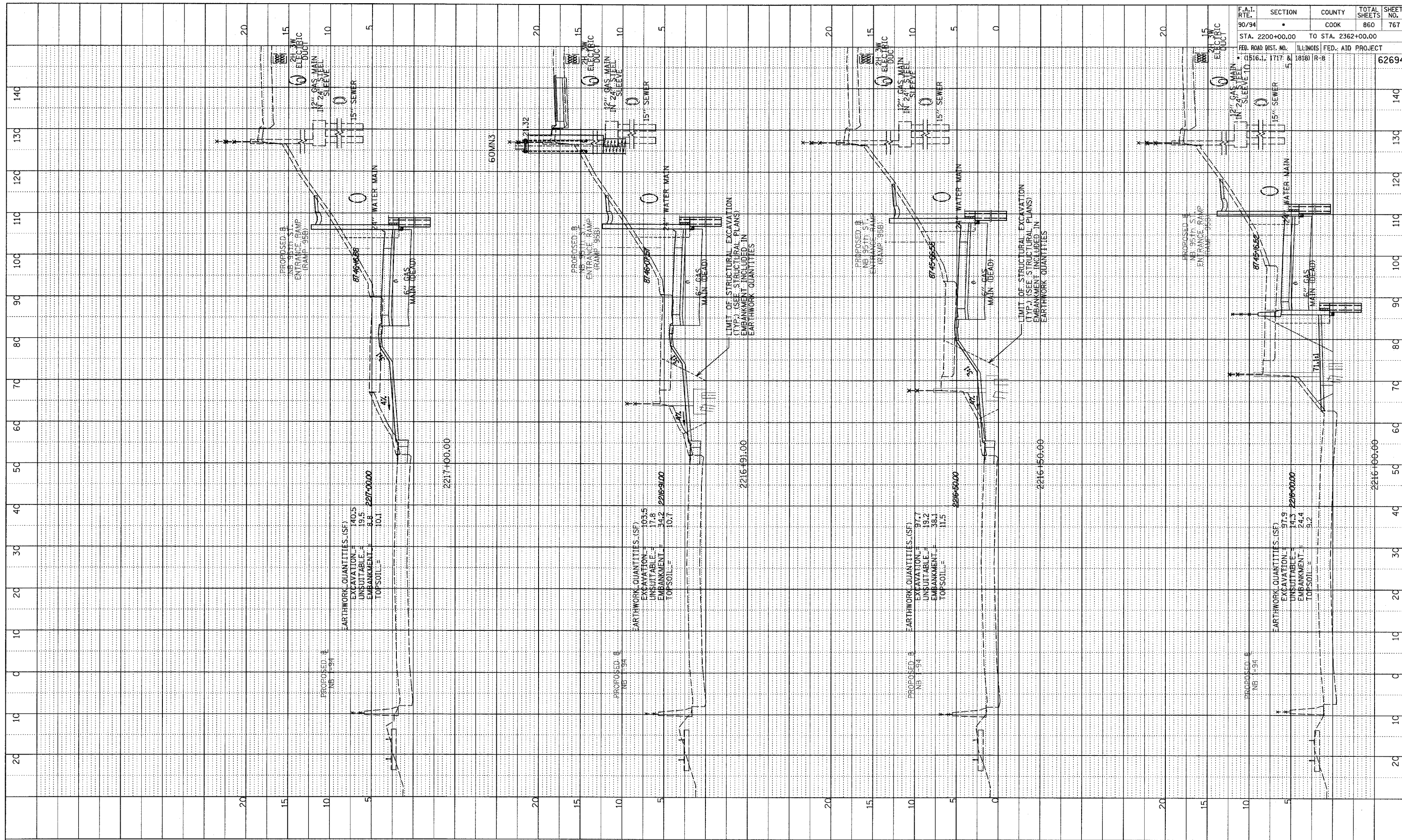
EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 92.5  
 UNSUITABLE = 12.8  
 EMBANKMENT = 4.6  
 TOPSOIL = 8.2



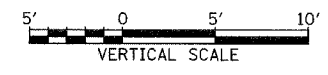
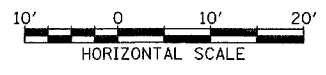
PA02373 road/alt/gap/ITaxss/95b\_f.dgn

PROFILE SURVEYED  
 GRADES CHECKED  
 E.M. NOTED  
 STIPPLED INDICATING CHG'D  
 NO.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	767
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8		62694		



TYLIN INTERNATIONAL

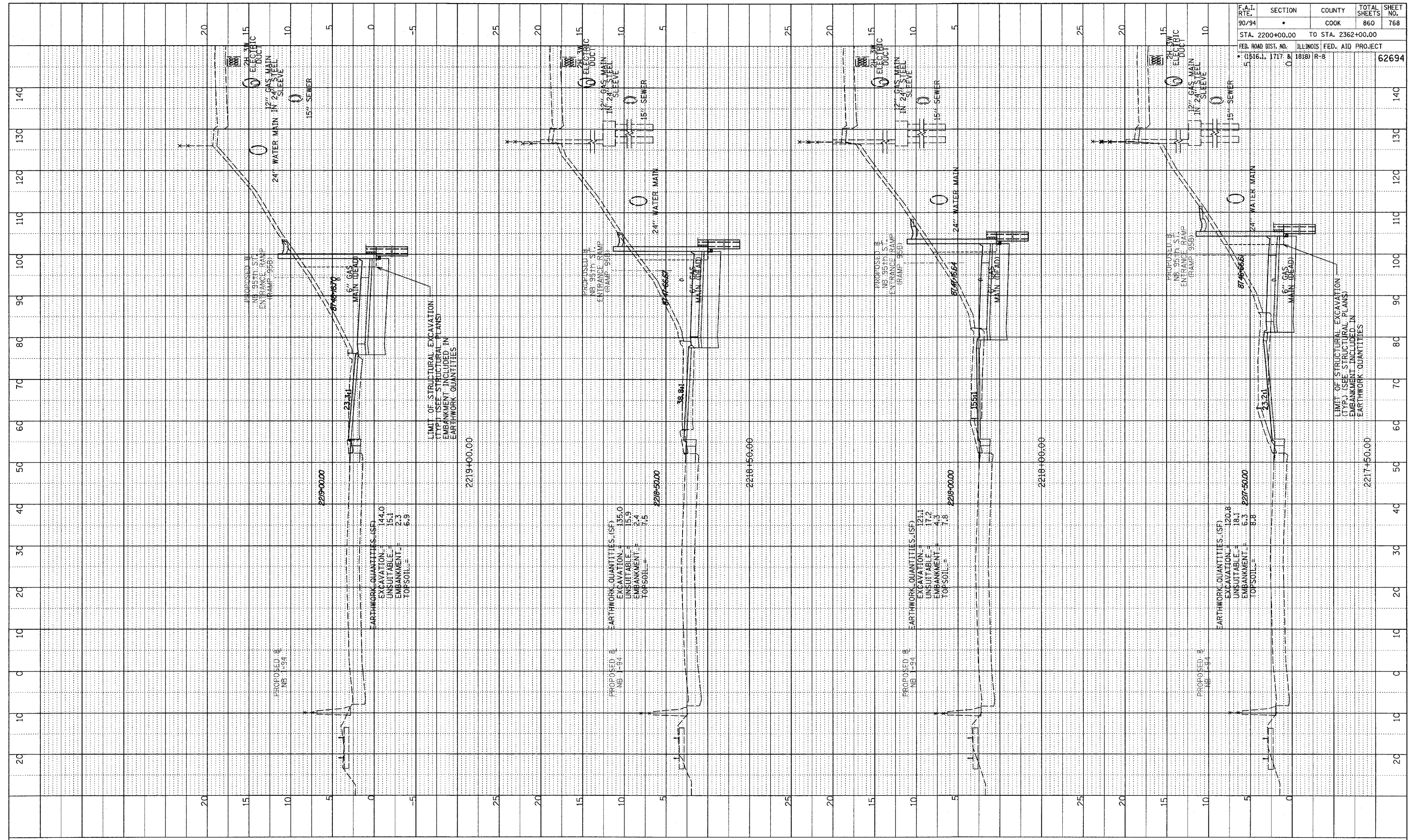


NB 95th ST. ENTRANCE RAMP  
 STA. 2216+00 TO STA. 2217+00

P:\0237\3\road\61\angpk7\ass\95b-f.dgn

NOTE BOOK  
NO. \_\_\_\_\_  
PLOTTED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
STRUCTURE NOTATION: CHRD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	860	768
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8				
				62694



EARTHWORK QUANTITIES (SF)  
EXCAVATION = 144.0  
UNSUITABLE = 15.1  
EMBANKMENT = 2.3  
TOP SOIL = 6.9

EARTHWORK QUANTITIES (SF)  
EXCAVATION = 135.0  
UNSUITABLE = 15.9  
EMBANKMENT = 2.4  
TOP SOIL = 7.5

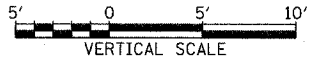
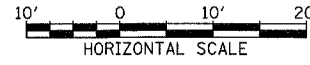
EARTHWORK QUANTITIES (SF)  
EXCAVATION = 121.1  
UNSUITABLE = 17.2  
EMBANKMENT = 4.3  
TOP SOIL = 7.8

EARTHWORK QUANTITIES (SF)  
EXCAVATION = 120.8  
UNSUITABLE = 18.1  
EMBANKMENT = 6.3  
TOP SOIL = 8.8

LIMIT OF STRUCTURAL EXCAVATION  
(TYP.) (SEE STRUCTURAL PLANS)  
EMBANKMENT INCLUDED IN  
EARTHWORK QUANTITIES

LIMIT OF STRUCTURAL EXCAVATION  
(TYP.) (SEE STRUCTURAL PLANS)  
EMBANKMENT INCLUDED IN  
EARTHWORK QUANTITIES

TYLIN INTERNATIONAL

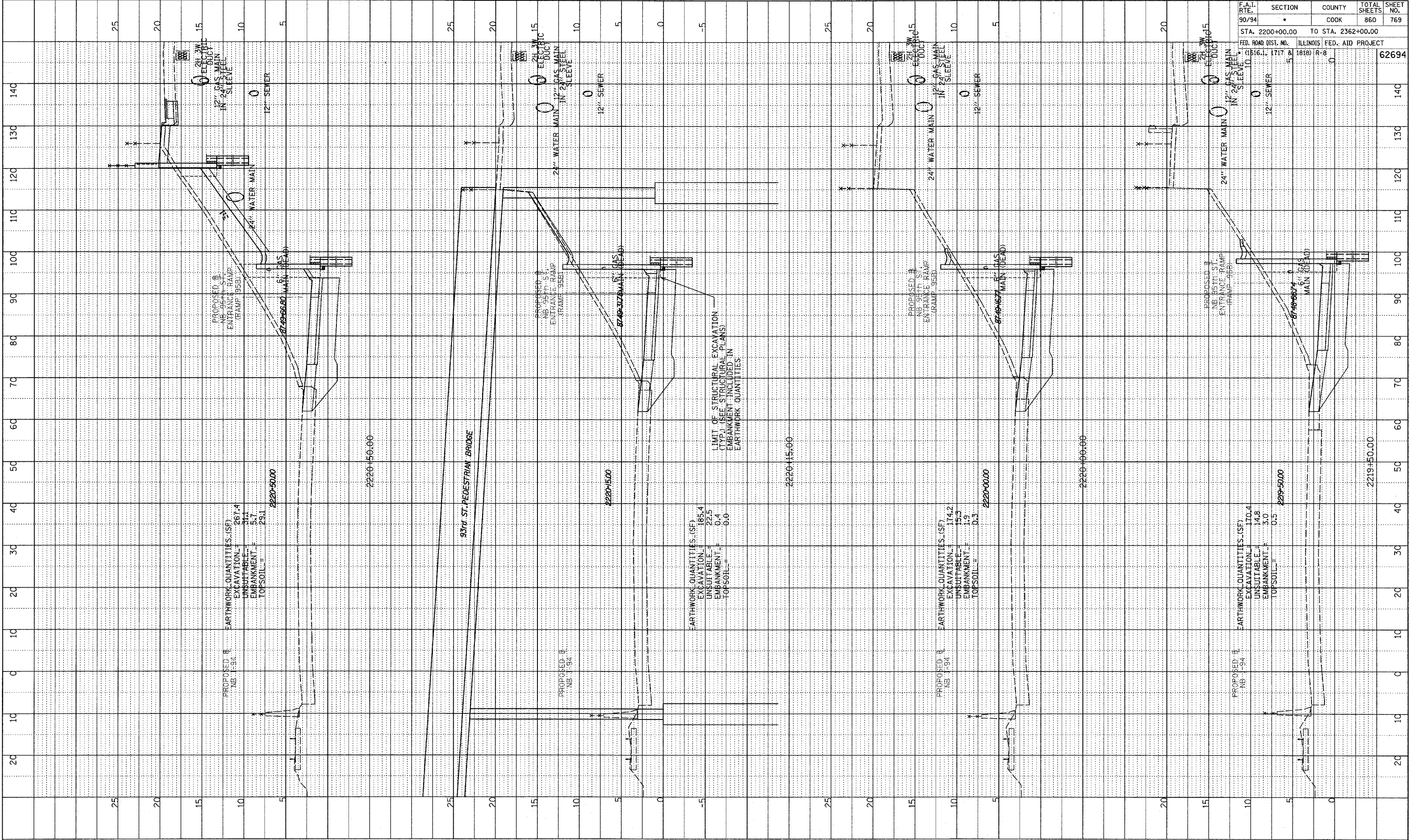


NB 95th ST. ENTRANCE RAMP  
STA. 2217+50 TO STA. 2219+00

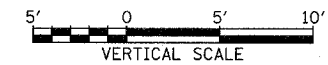
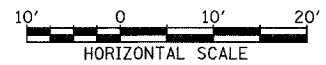
PA02373\road\07\07\pk7\axis95b.f.dgn

PLOTTED  
 DATE: 11/15/94  
 BY: J. W. B. / J. W. B.  
 NO. 1  
 STRUCTURE NOTATION: CRD

F.A.I. SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	769
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-8		62694		



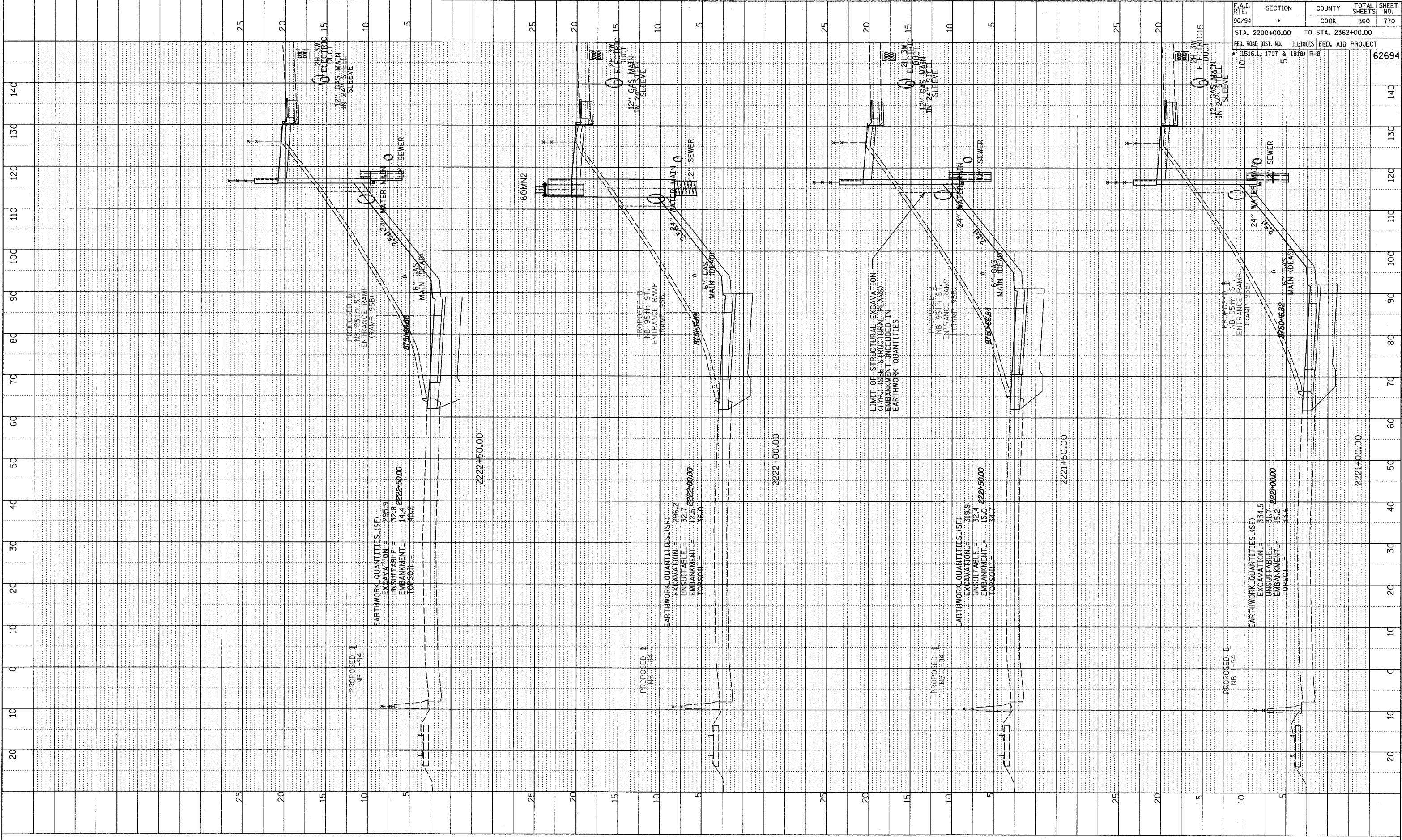
TYLIN INTERNATIONAL



NB 95th ST. ENTRANCE RAMP  
 STA. 2219+50 TO STA. 2220+50

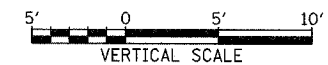
P:\02-31\road\cag\k\cass\95b.f.dgn

NOTE BOOK  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATION: DRD



F.A.T. SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	770
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8		62694		

TYLIN INTERNATIONAL

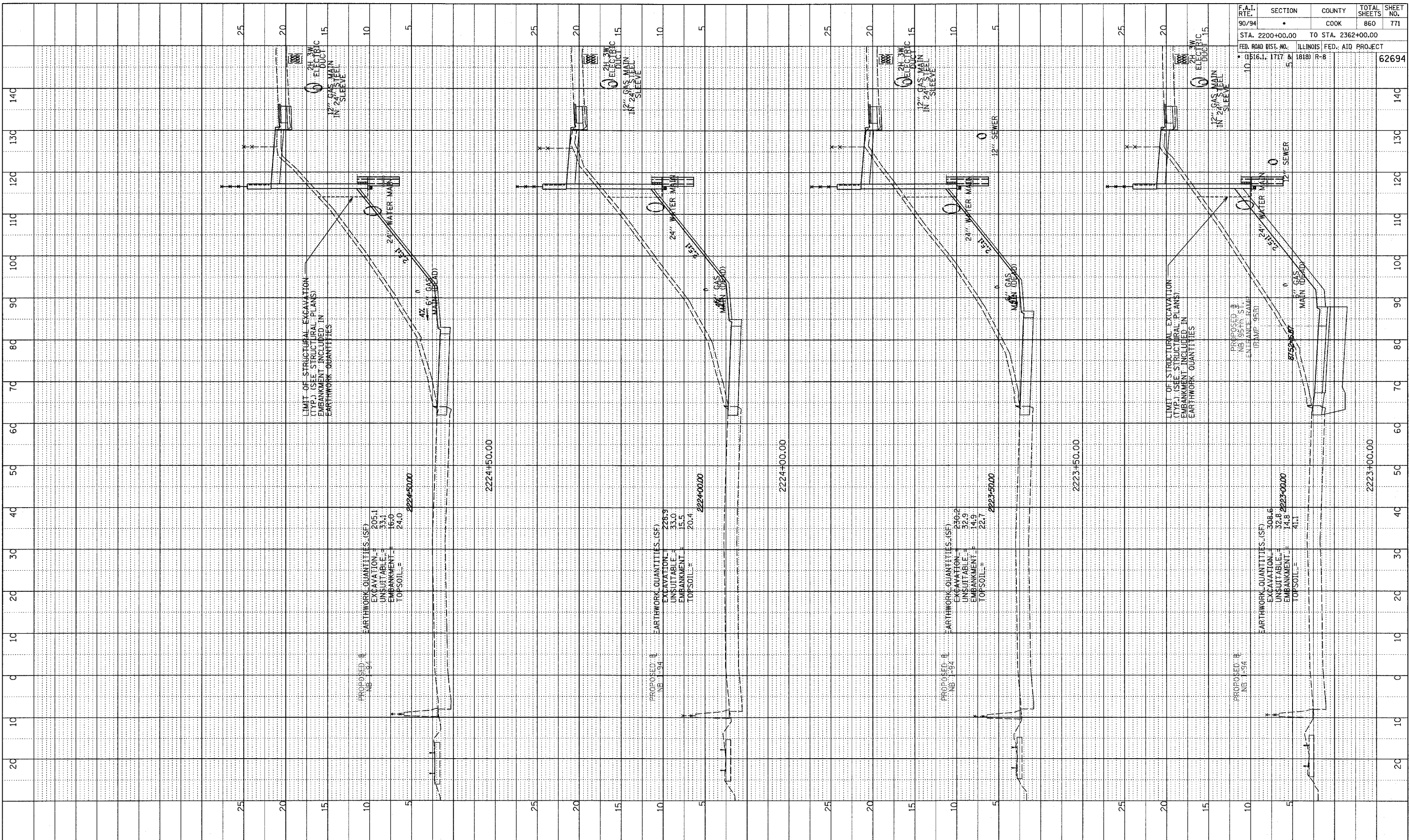


NB 95th ST. ENTRANCE RAMP  
 STA. 2221+00 TO STA. 2222+50

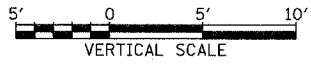
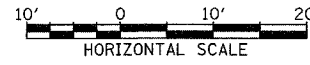
P:\0237\3\road\at\agk\cross\95b.f.dgn

NOTED  
 NO. \_\_\_\_\_  
 STRUCTURE NO. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	771
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1, 1717 & 1818) R-8				62694



TYLIN INTERNATIONAL

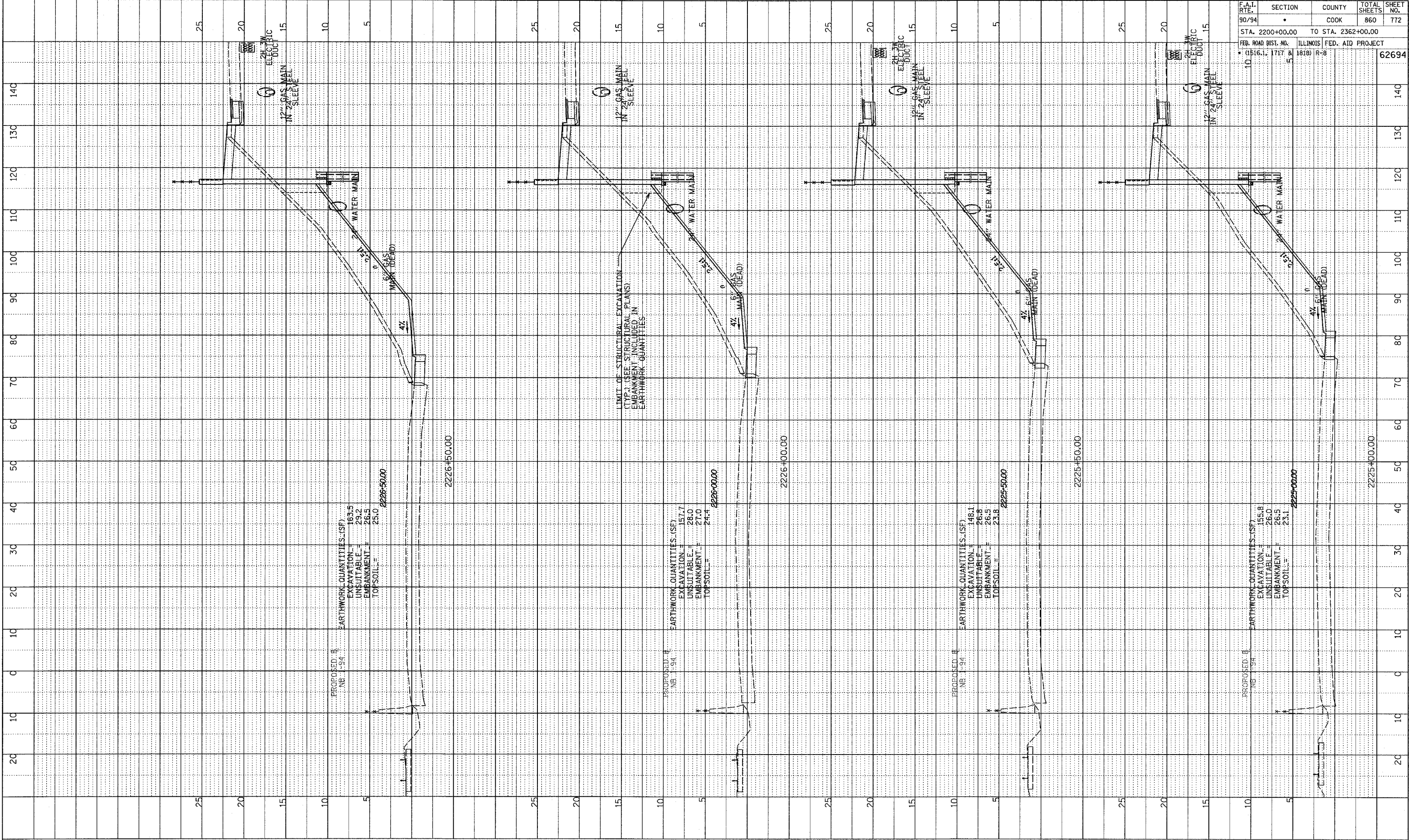


NB 95th ST. ENTRANCE RAMP  
 STA. 2223+00 TO STA. 2224+50

PA-02313\road\it\c\p\it\axis\155b.f.dgn

PLOTTED AND CHECKED  
 DRAWING NO. 2225-00  
 STRUCTURE NOTATION: CHRD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	860	772
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8				
				62694



PROPOSED: B  
 NB 1-94  
 EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 163.5  
 UNSUITABLE = 29.2  
 EMBANKMENT = 26.5  
 TOPSOIL = 25.0  
 2225+50.00  
 2226+50.00

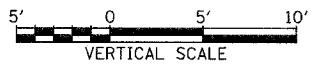
PROPOSED: B  
 NB 1-94  
 EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 157.7  
 UNSUITABLE = 28.0  
 EMBANKMENT = 21.0  
 TOPSOIL = 24.4  
 2226+00.00  
 2226+50.00

PROPOSED: B  
 NB 1-94  
 EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 148.1  
 UNSUITABLE = 26.8  
 EMBANKMENT = 26.5  
 TOPSOIL = 23.8  
 2225+50.00  
 2225+50.00

PROPOSED: B  
 NB 1-94  
 EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 155.8  
 UNSUITABLE = 26.0  
 EMBANKMENT = 26.5  
 TOPSOIL = 23.1  
 2225+00.00  
 2225+50.00

LIMIT OF STRUCTURAL EXCAVATION  
 (TYP.) (SEE STRUCTURAL PLANS)  
 EMBANKMENT INCLUDED IN  
 EARTHWORK QUANTITIES

TYLIN INTERNATIONAL



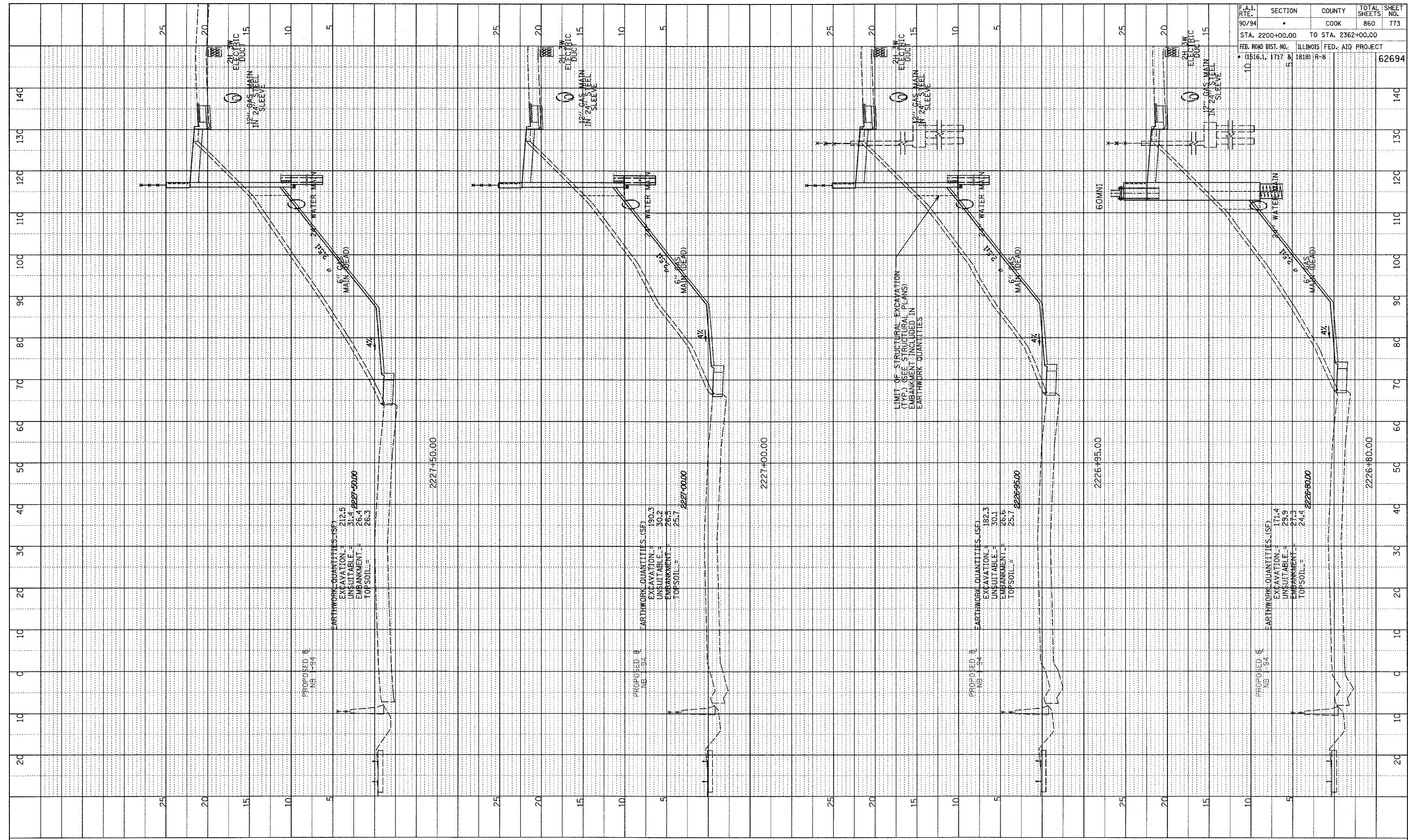
NB 95th ST. ENTRANCE RAMP  
 STA. 2225+00 TO STA. 2226+50

PA-02313\road\c17\ogaki\Tosss185b-f.dgn

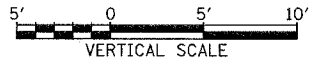


NOTE BOOK  
 NO. \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 STRUCTURE STATUS: CIPRD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	773
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1, 1717 & 1818) R-8				
				62694



TYLIN INTERNATIONAL

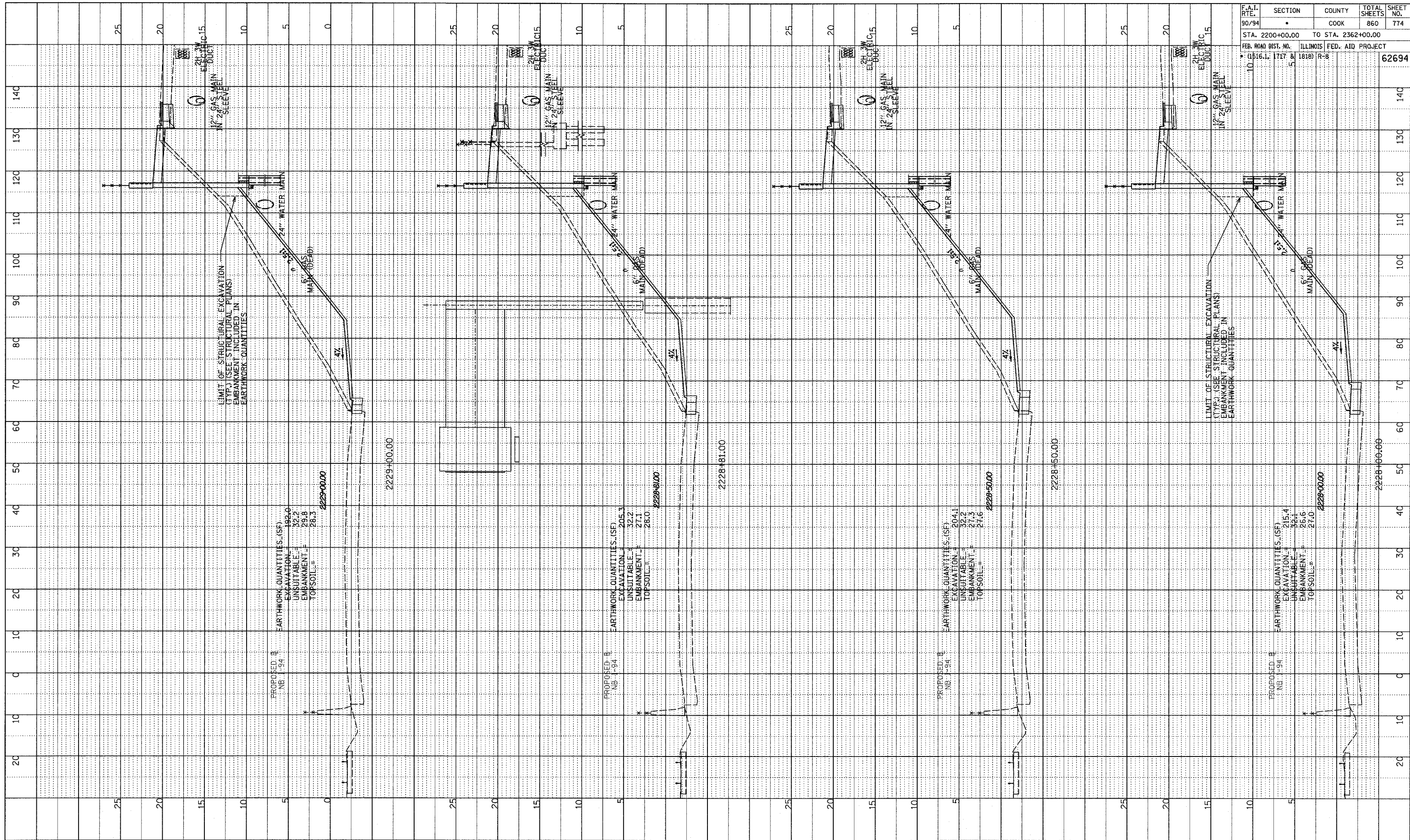


NB 95th ST. ENTRANCE RAMP  
 STA. 2226+80 TO STA. 2227+50

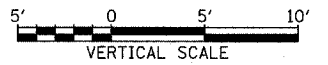
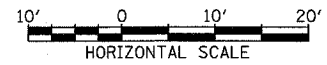
PA:02373\road\07\02373\07\02373.dwg

REVISED 05/06/05

NOTE BOOK  
NO. \_\_\_\_\_  
STRUCTURE NO. TRAVIS CHRD

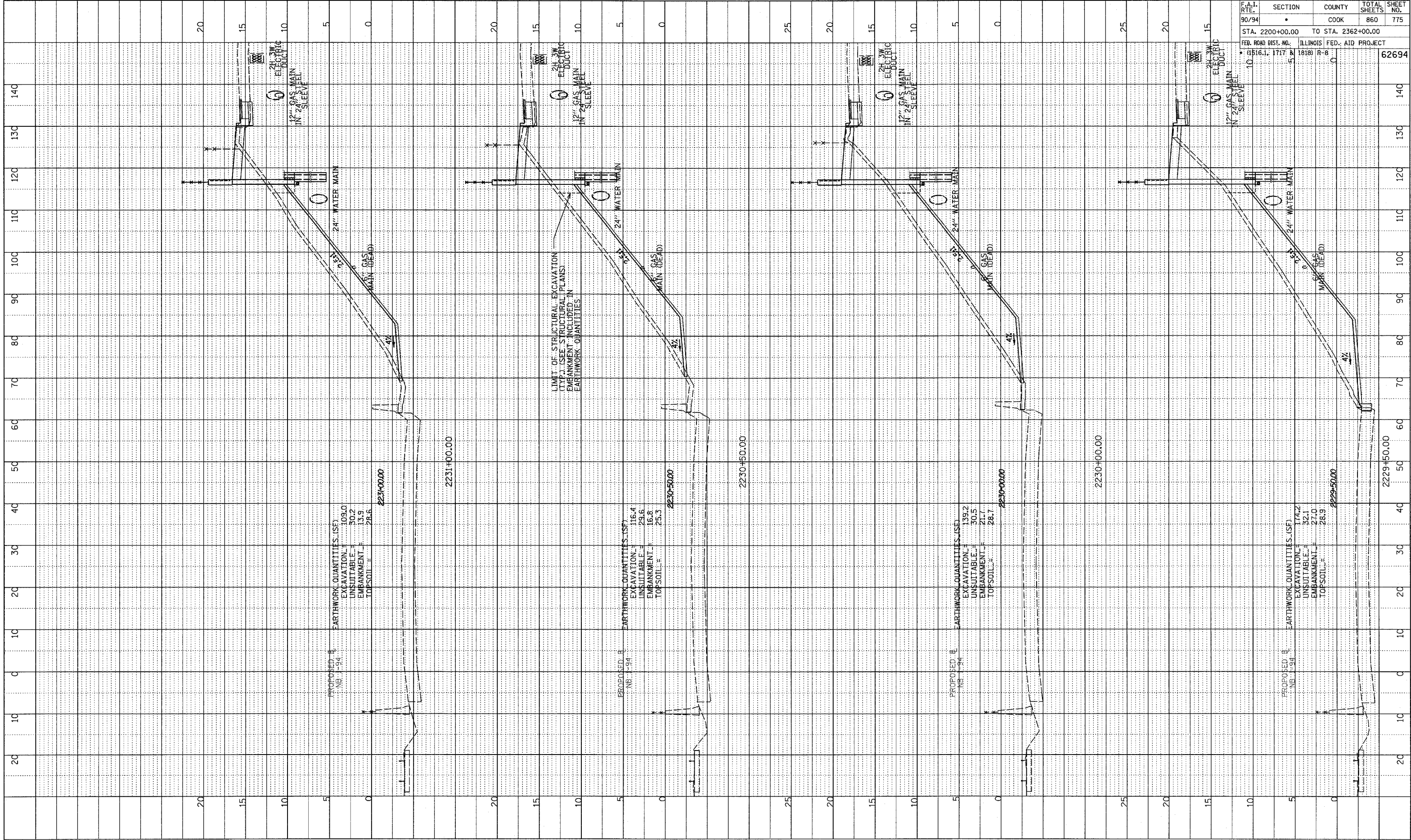


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	860	774
STA. 2200+00.00	TO STA. 2362+00.00			
ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8				
				<b>62694</b>

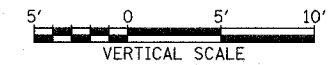
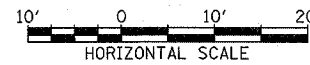


NOTE BOOK  
 PLOTTED  
 DATE  
 DRAWN BY  
 CHECKED BY  
 STRUCTURE NOTATIONS CHFD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	775
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. 1516.1, 1717 & 1818		ILLINOIS FED. AID PROJECT R-8		
				62694



TYLIN INTERNATIONAL

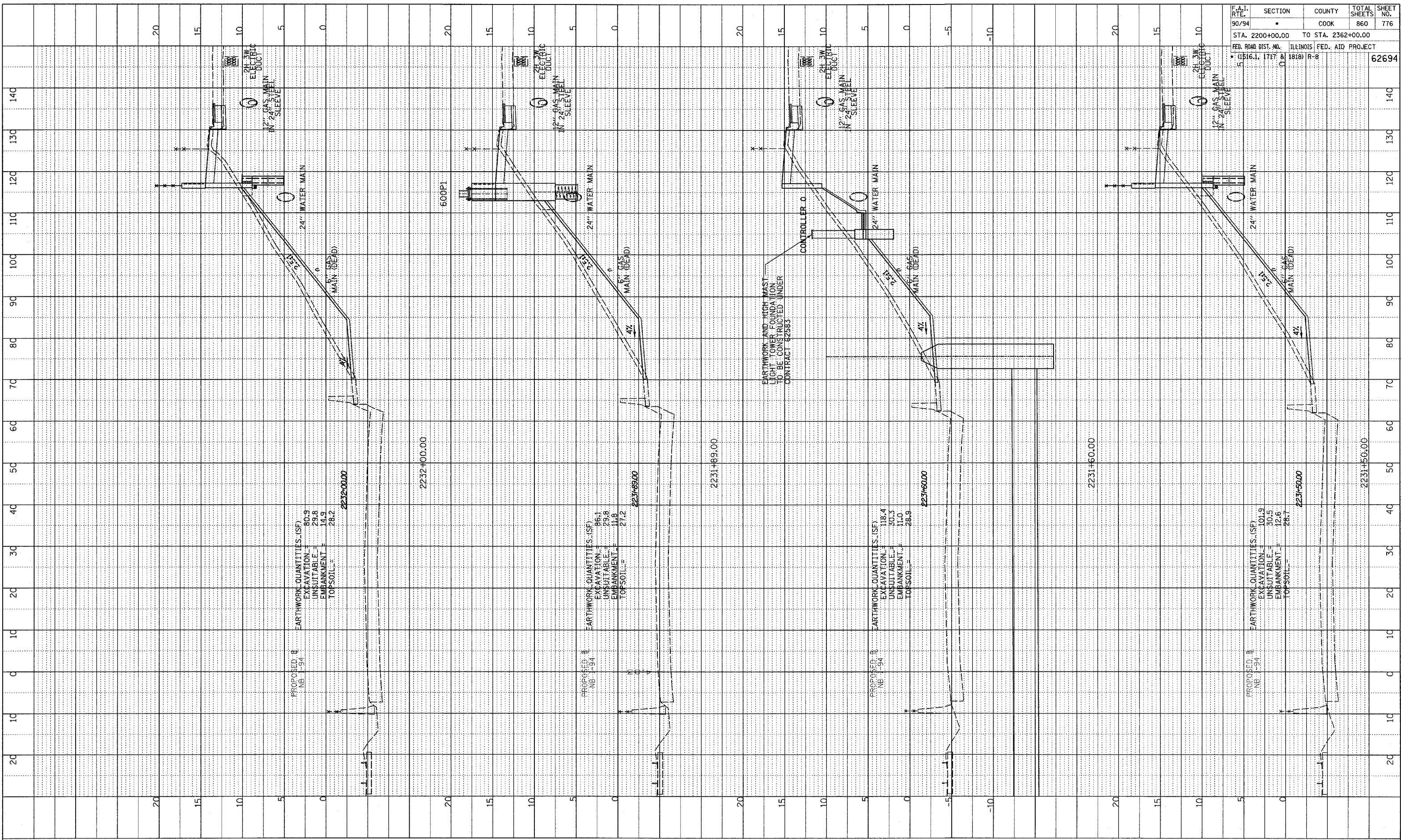


NB 95th ST. ENTRANCE RAMP  
 STA. 2229+50 TO STA. 2231+00

PA02313\road\cvt\csgp\kitt\cass\95b-f.dgn

PLOTTED  
 DATE: 08/11/94  
 DRAWN BY: J. J. WILSON  
 CHECKED BY: J. J. WILSON  
 NO. 1  
 STRUCTURE NOTATION: CHRD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	776
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8				62694



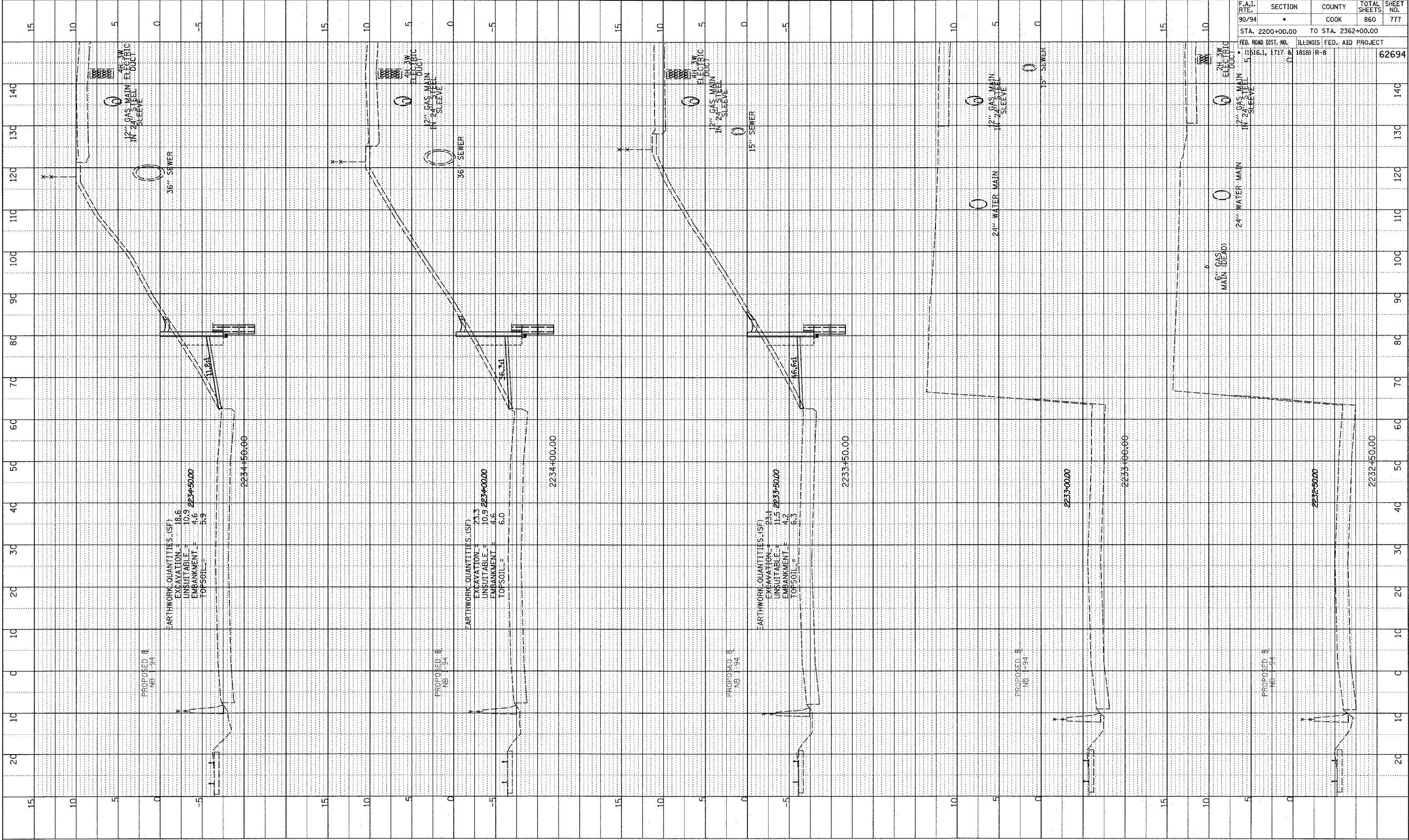
TYLIN INTERNATIONAL



NB 95th ST. ENTRANCE RAMP  
 STA. 2231+50 TO STA. 2232+00

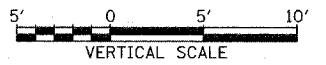
PA02313vroad.ctb (xplot) (xss) (95th St. J.dgn)

PLOTTED & CHECKED  
DATE: 11/11/94  
BY: J. M. ...  
STRUCTURE NOTATIONS CP10  
NO. ...



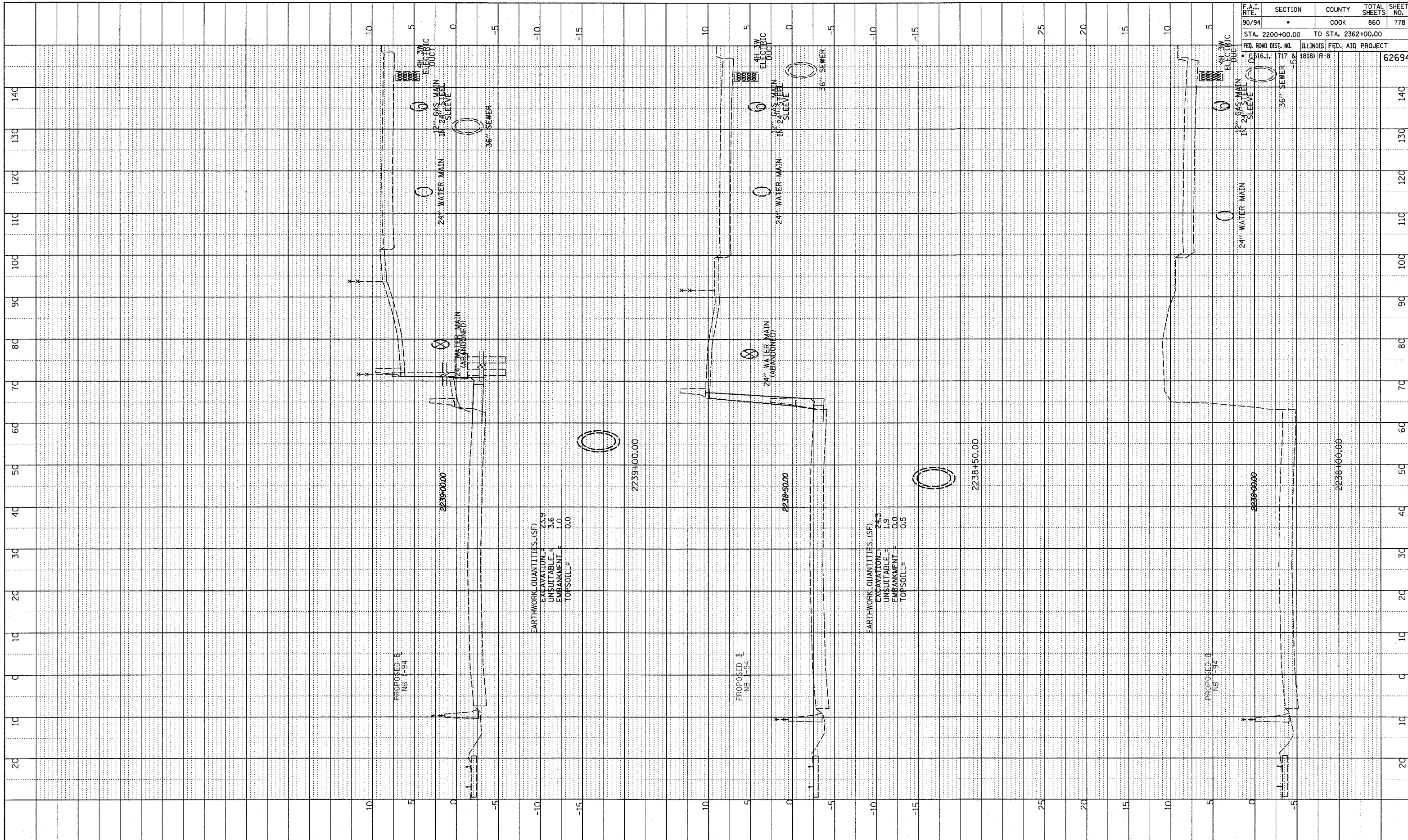
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	860	777
STA. 2200+00.00				TO STA. 2362+00.00
ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8				
				62694

TYLIN INTERNATIONAL



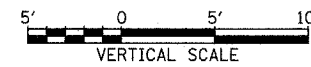
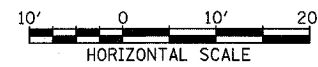
NB 95th ST. ENTRANCE RAMP  
STA. 2232+50 TO STA. 2234+50

NOTE BOOK  
 GRADES CHECKED  
 ELEM. NOTED  
 BY: J. W. [unreadable]  
 DATE: 05/06/05  
 REVISED 05/06/05



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	778
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		62694
16.1, 17.17 & 18.18		R-8		

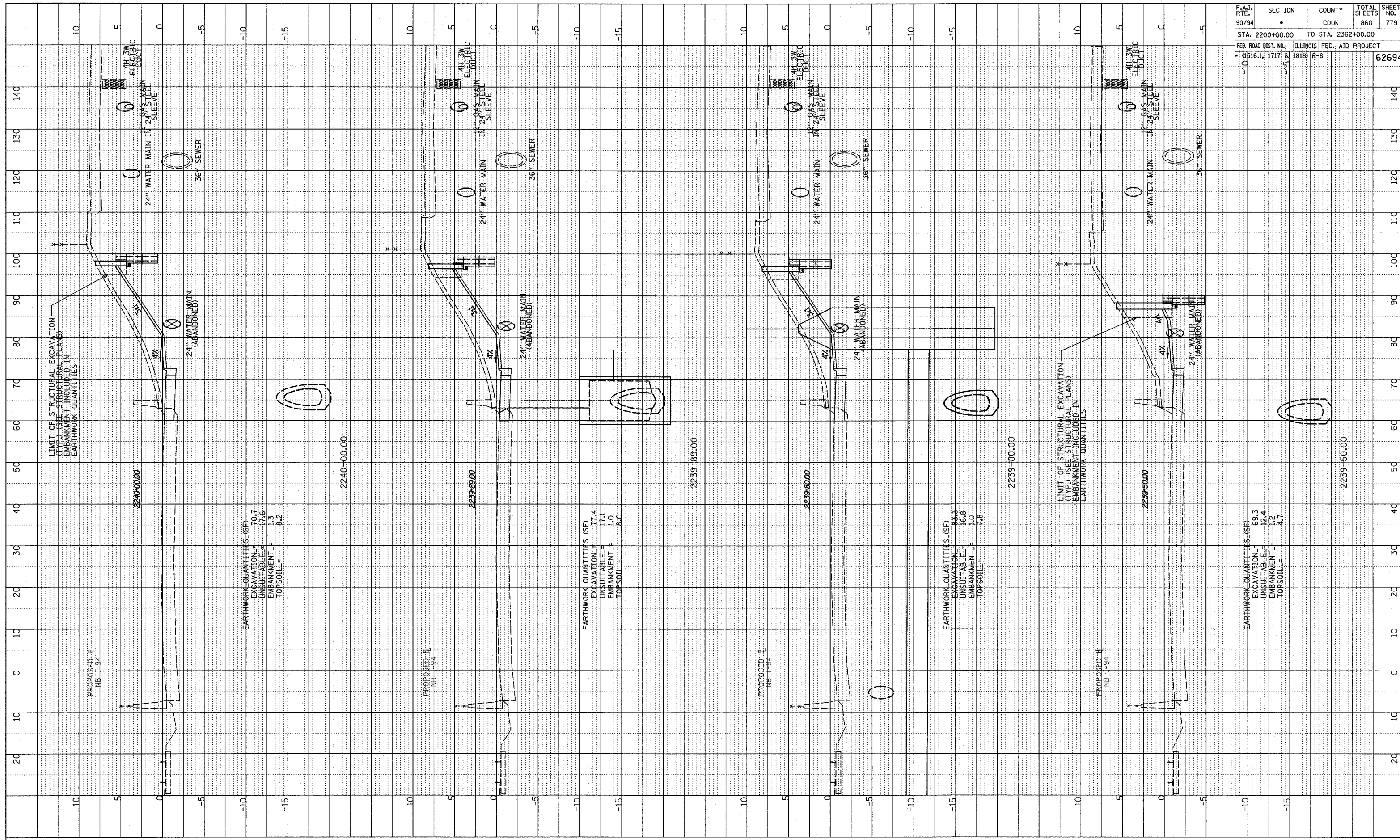
TYLIN INTERNATIONAL



NB 87th ST. EXIT RAMP  
 STA. 2238+00 TO STA. 2239+00

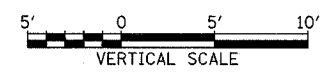
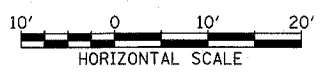
P:\02373\Road\07\gk\axis187c-f.dgn

NOTE BOOK GRADES CHECKED B.A.M. NOTED STRUCTURE NOTATIONS DWG. NO. REVISED 05/06/05



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	779
STA. 2200+00.00		TO STA. 2362+00.00		
FEB. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
10161, 1717 & 1818		R-8		
				62694

TYLIN INTERNATIONAL

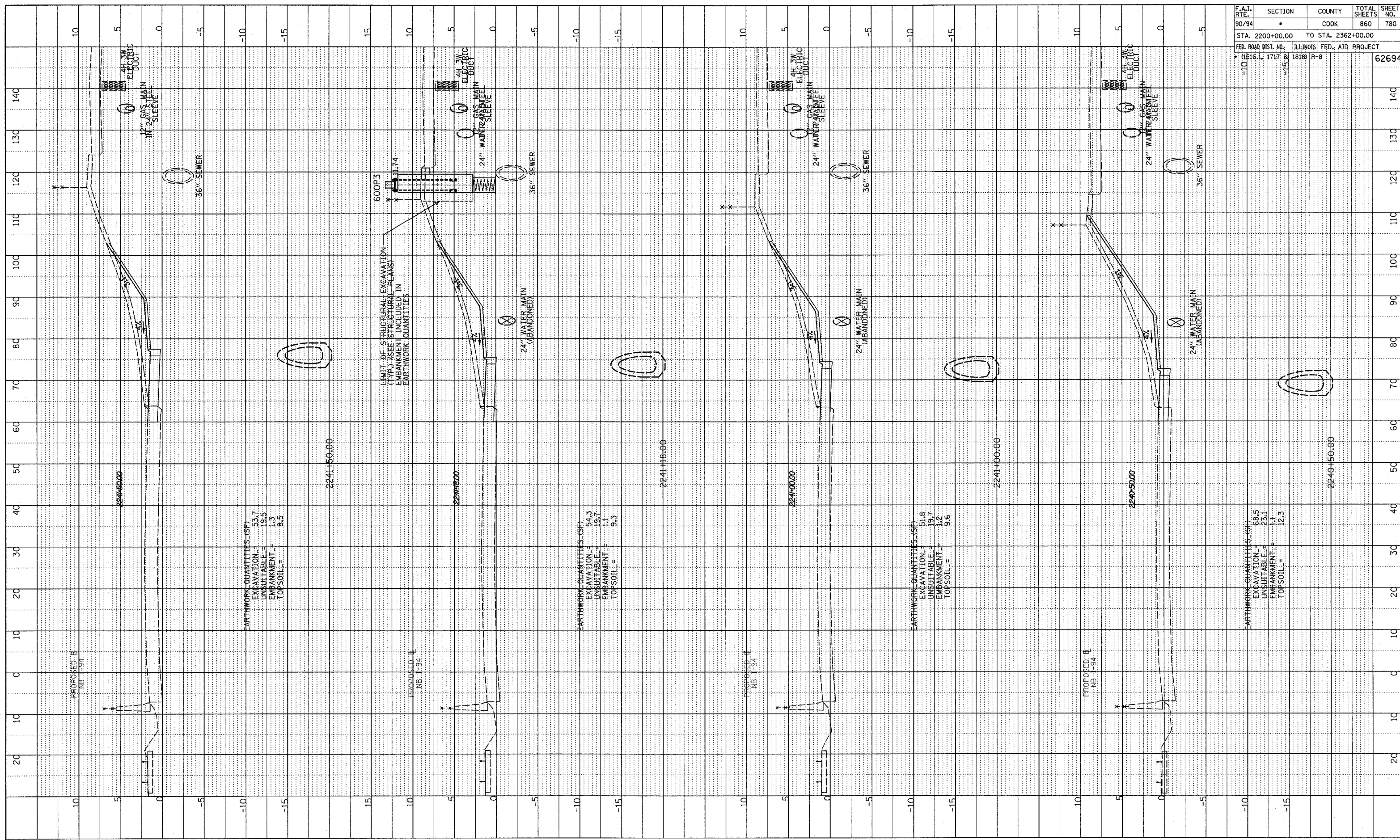


NB 87th ST. EXIT RAMP  
STA. 2239+50 TO STA. 2240+00

P:\02373\Road\017\angok\Taxis\87C.F.dgn

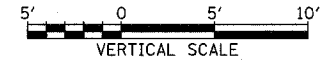
NOTE BOOK  
 GRABES CHECKED  
 B.M. NOTED  
 PHOTOLOGUE NOTATIONS CHND

REVISED 05/06/05



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	780
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 1516.1, 1717 & 1818		R-8		
				62694

TYLIN INTERNATIONAL

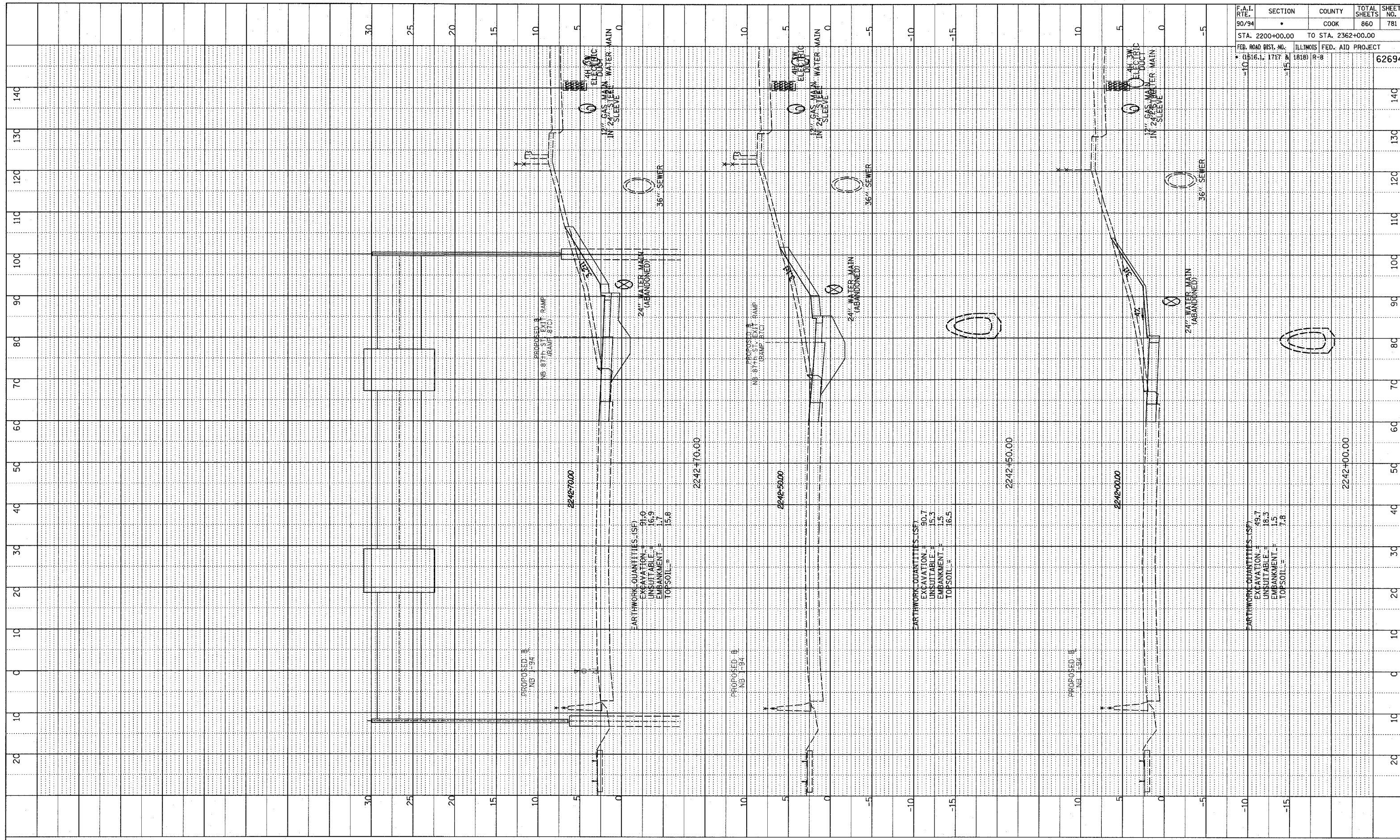


NB 87th ST. EXIT RAMP  
 STA. 2240+50 TO STA. 2241+50

P:\02373\Road\07\angkr\cross\87C-F.dgn

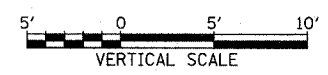
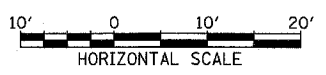


NOTE BOOK GRADES CHECKED B.M. NOTED STRUCTURE NOTATIONS CHWD  
 NO. \_\_\_\_\_  
 REVISED 05/06/05



F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 860	SHEET NO. 781
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. • (1516.1, 1717 & 1818) R-8		62694		

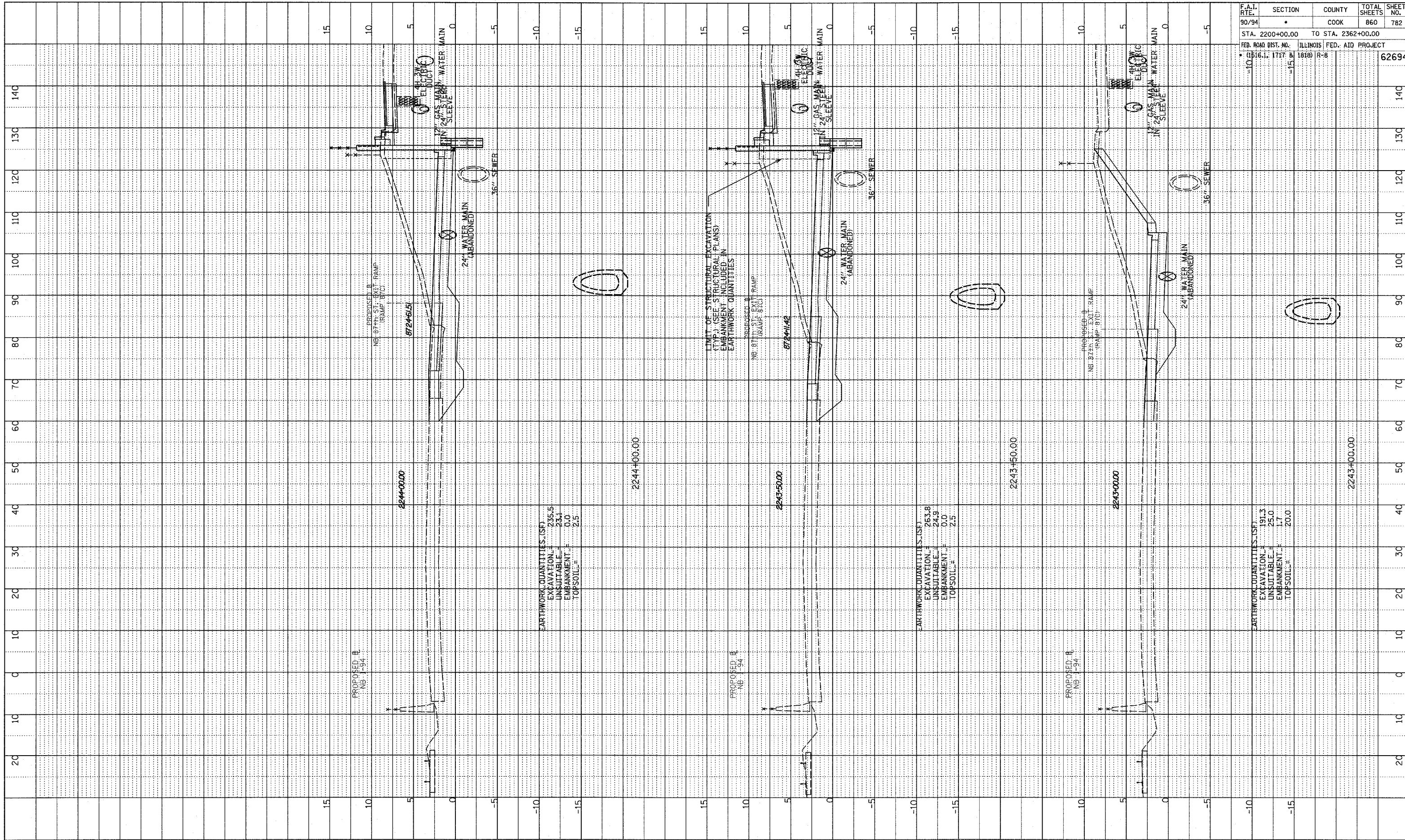
TYLINT INTERNATIONAL



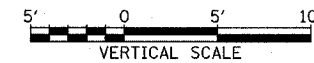
NB 87th St. EXIT RAMP  
 STA. 2242+00 TO STA. 2242+70

P:\02373\Ford\07\gipk\Tassiss\B7C\_F.dgn

NOTE BOOK  
 GRADES CHECKED  
 E.M. NOTED  
 STRUCTURE NOTATION: GPO  
 NO. \_\_\_\_\_  
 REVISED 05/06/05

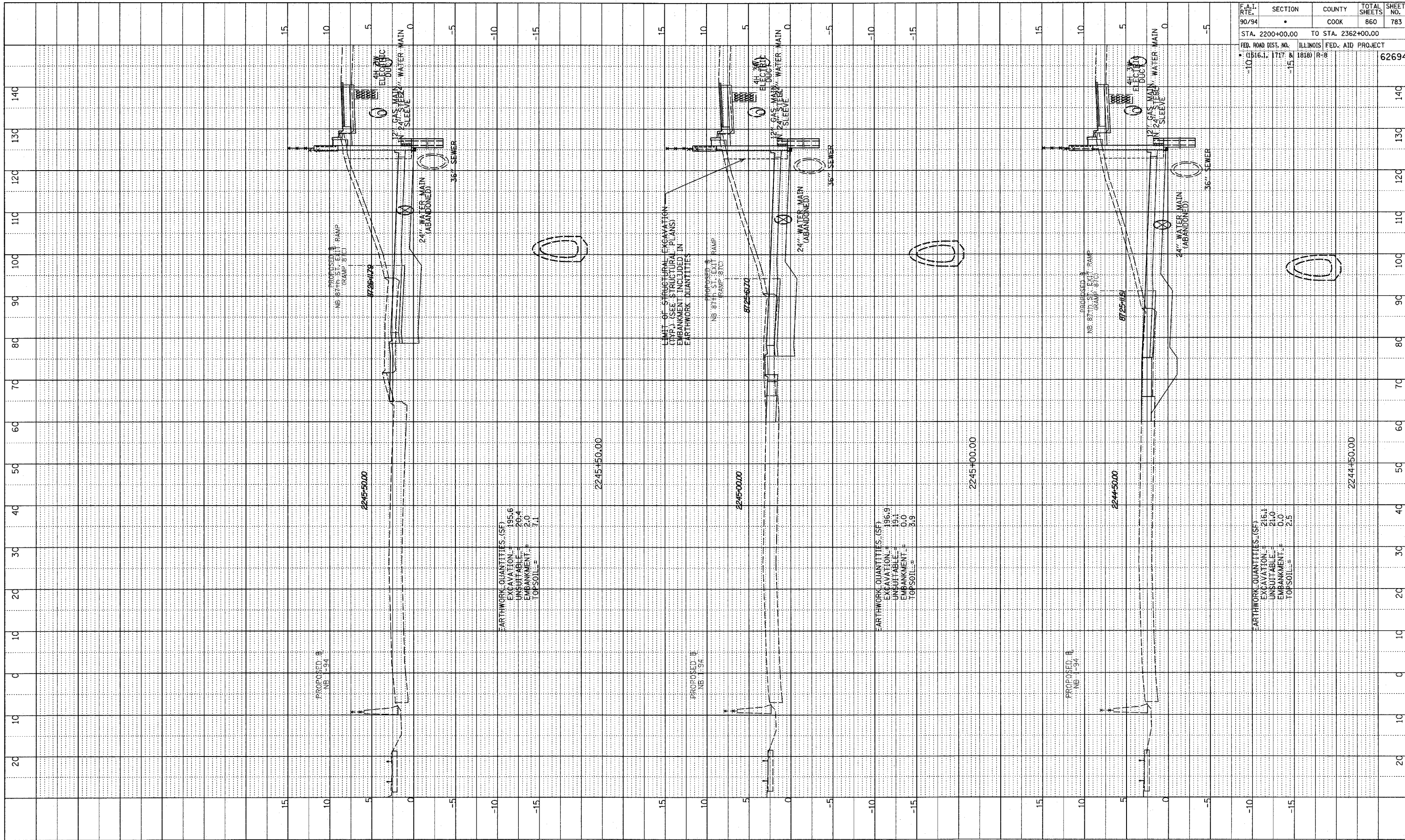


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	782
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 1516.1, 1717 & 1818 R-8		62694		



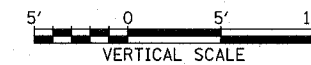
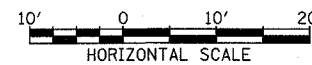
P:\02\73\Road\73\agk\73axis\87C.F.dgn

NOTE BOOK  
GRADES CHECKED  
B.M. NOTED  
STRUCTURE NOTATIONS OK'D  
REVISED 05/06/05



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	783
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		62694
* (1516.1, 1717 & 1818) R-8				

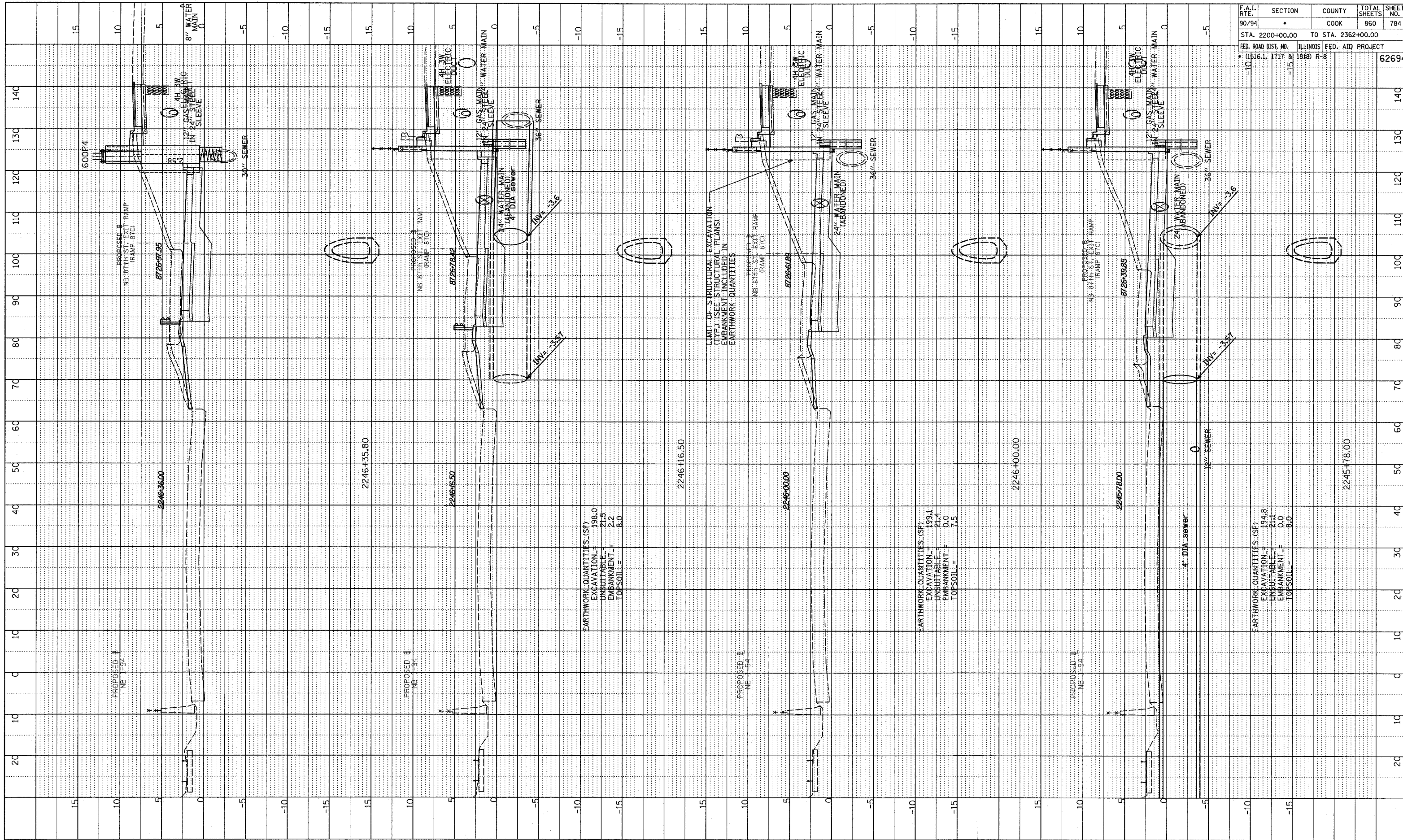
TYLIN INTERNATIONAL



NB 87th ST. EXIT RAMP  
STA. 2244+50 TO STA. 2245+50

P:\02\73\Road\07\gpk\cross\87C-F.dgn

NOTE BOOK GRADES CHECKED  
 B.M. NOTED  
 STRUCTURE NOTATIONS OK'D  
 NO. REVISED 05/06/05



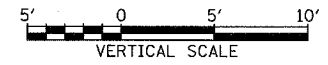
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	784
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. 1516.1, 1717 & 1818		ILLINOIS FED. AID PROJECT R-8		62694

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 198.0  
 UNSUITABLE = 21.5  
 EMBANKMENT = 2.2  
 TOPSOIL = 8.0

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 199.1  
 UNSUITABLE = 21.4  
 EMBANKMENT = 0.0  
 TOPSOIL = 7.5

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 194.8  
 UNSUITABLE = 21.1  
 EMBANKMENT = 0.0  
 TOPSOIL = 8.0

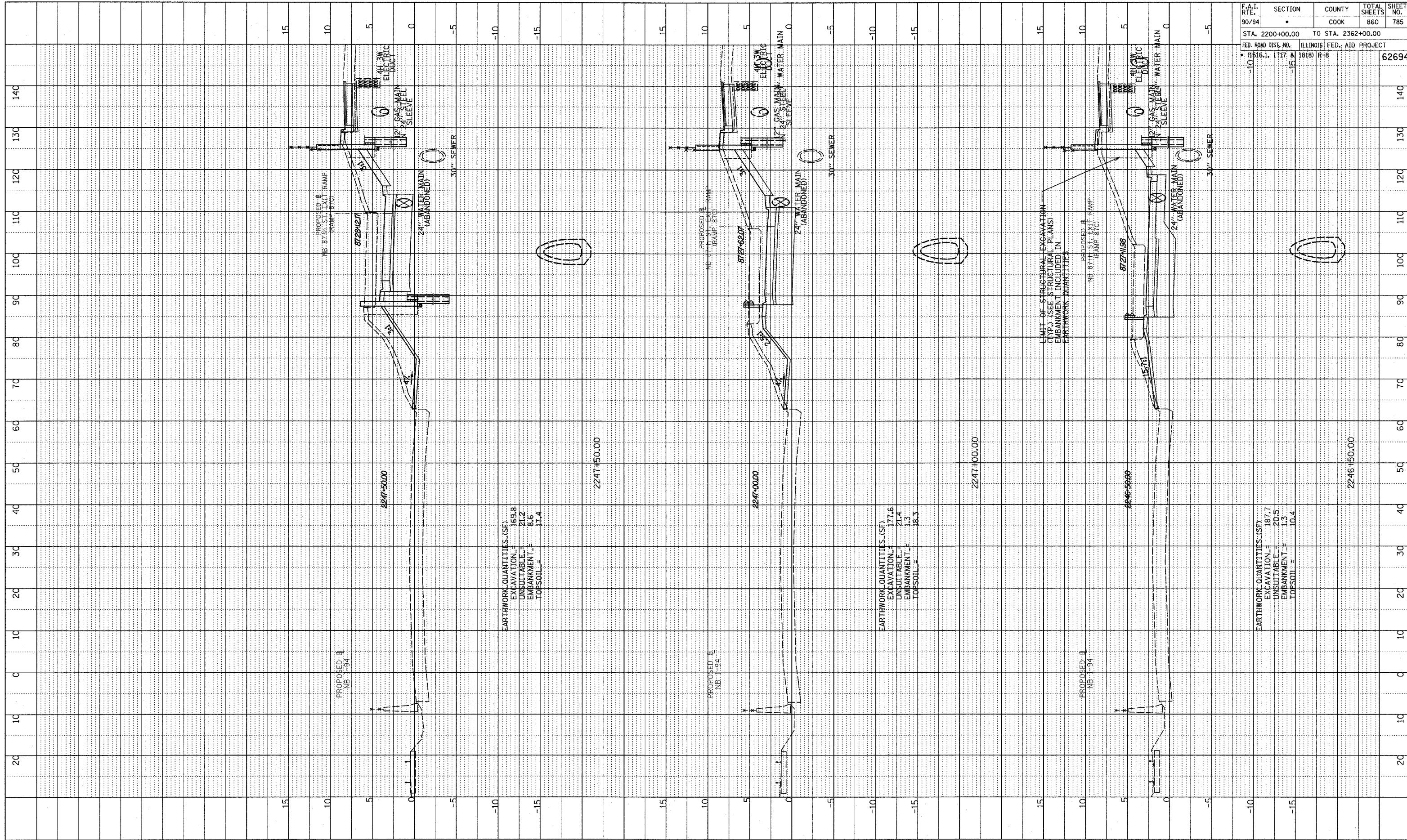
TYLIN INTERNATIONAL



NB 87th ST. EXIT RAMP  
 STA. 2245+78 TO STA. 2246+16

P:\02373\Road\07\09\pk17\axss18\C.F.dgn

NOTE BOOK  
 GRADES CHECKED  
 E.M. NOTED  
 NO. STRUCTURE NOTATIONS BRND  
 REVISED 05/06/05



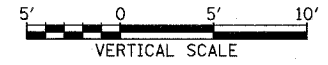
EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 159.8  
 UNSUITABLE = 21.2  
 EMBANKMENT = 8.6  
 TOPSOIL = 17.4

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 177.6  
 UNSUITABLE = 21.4  
 EMBANKMENT = 1.3  
 TOPSOIL = 18.3

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 187.7  
 UNSUITABLE = 20.5  
 EMBANKMENT = 1.3  
 TOPSOIL = 10.4

LIMIT OF STRUCTURAL EXCAVATION  
 (TYP.) (SEE STRUCTURAL PLANS)  
 EMBANKMENT INCLUDED IN  
 EARTHWORK QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	785
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO. 0516.1, 1717 & 1818		ILLINOIS FED. AID PROJECT R-8		62694

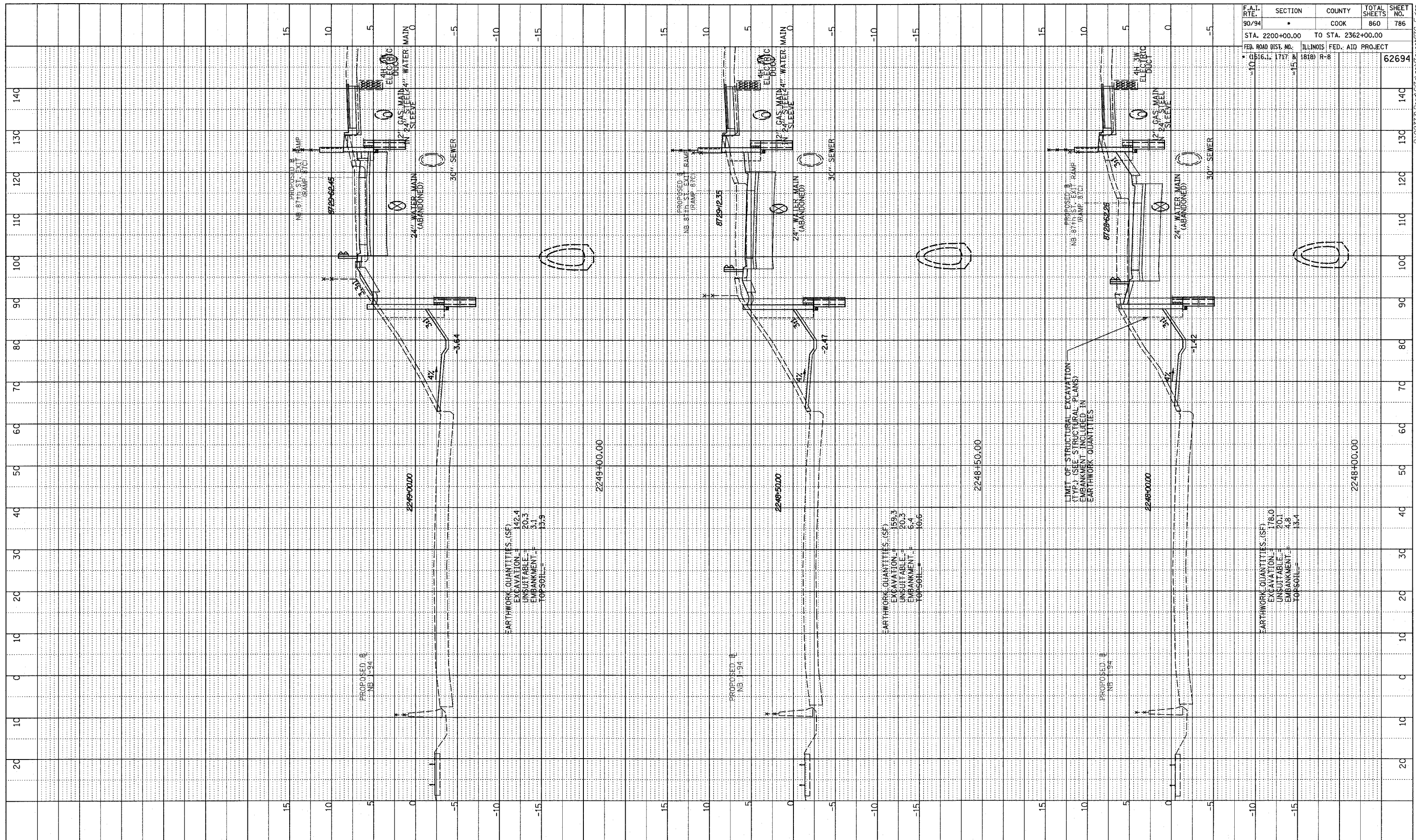


P:\02373\Road\07\dwg\k17\assstb7.C.F.dgn

REVISIONS  
 NO. DATE DESCRIPTION  
 1 05/06/05 REVISED

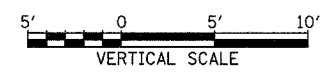
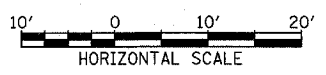
NOTE BOOK  
 GRADES CHECKED  
 E.M. NOTED  
 PRINTING DATE: 05/06/05

F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 860	SHEET NO. 786
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO. • 161.1, 1717 & 1818		ILLINOIS FED. AID PROJECT R-8		62694



LIMIT OF STRUCTURAL EXCAVATION (TYP.) (SEE STRUCTURAL PLANS)  
 EMBANKMENT INCLUDED IN EARTHWORK QUANTITIES

TYL INTERNATIONAL

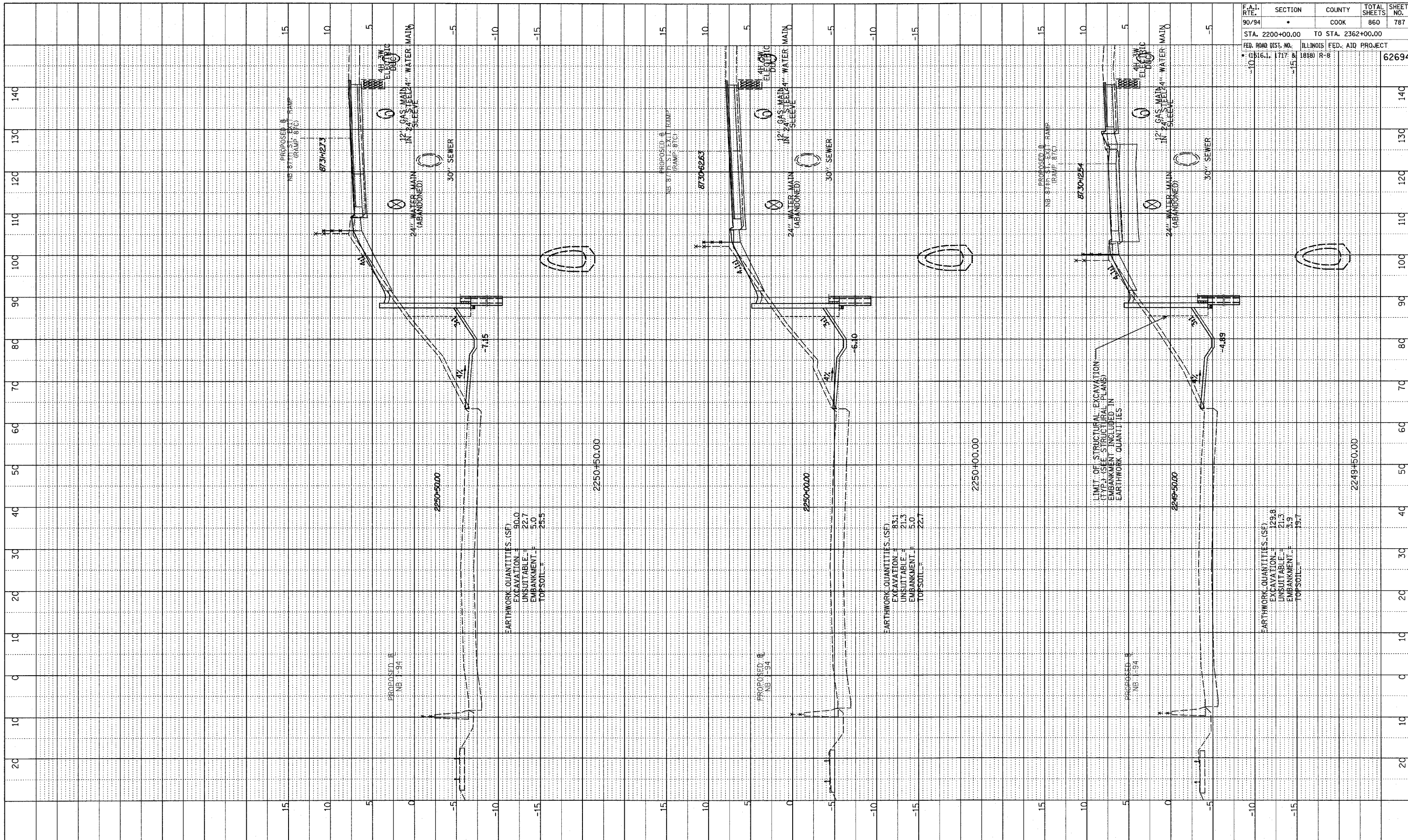


NB 87th ST. EXIT RAMP  
 STA. 2248+00 TO STA. 2249+00

P:\02373\Road\C17a\gk\Tras\87C.F.dgn

NOTE BOOK  
 GRADES CHECKED  
 DATE NOTED  
 PRINT NAME NOTATIONS CHWD  
 NO.

REVISED 05/06/05



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	787
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
161.1, 171.7 & 181.8 R-8				62694

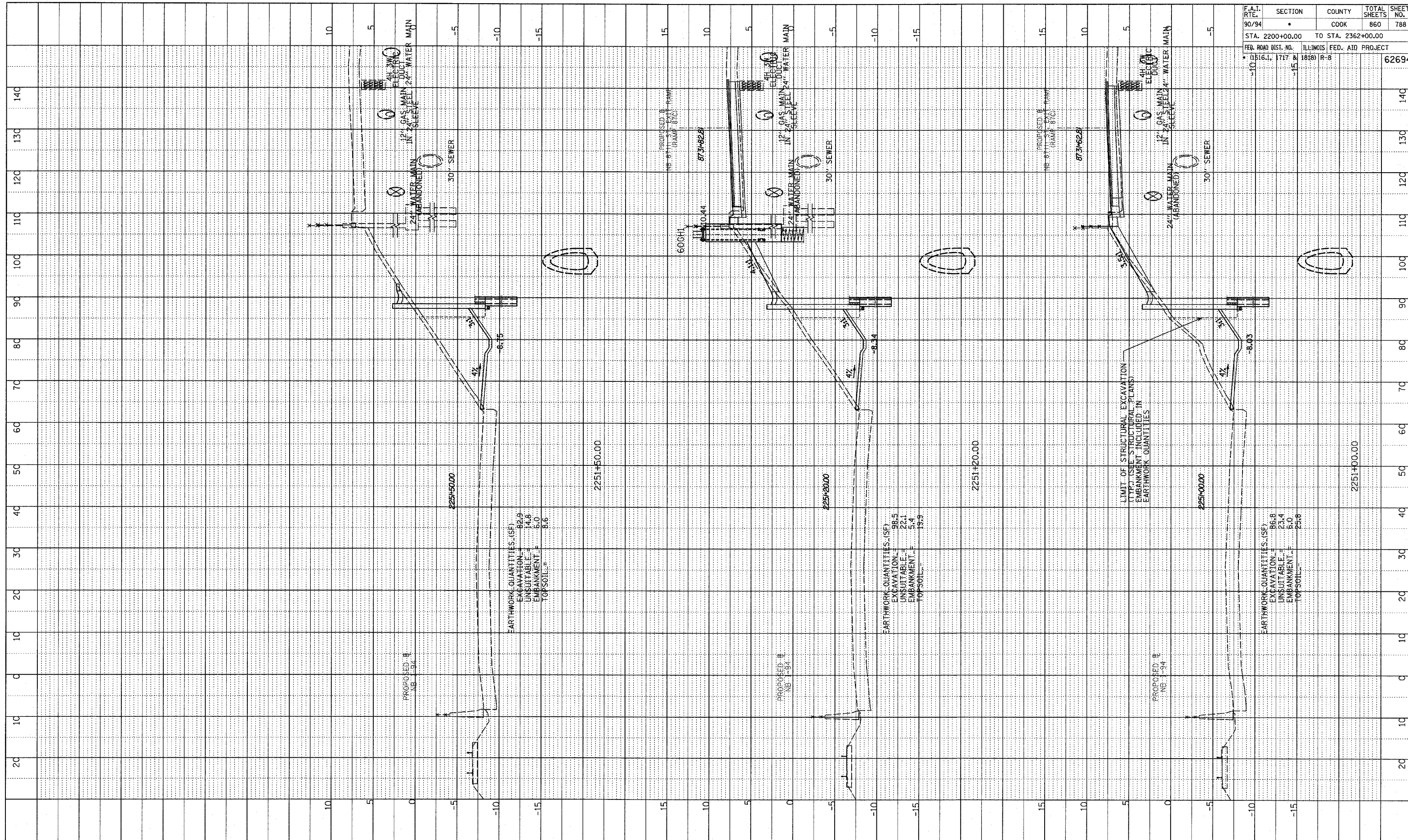
TYLINTERNATIONAL



NB 87th St. EXIT RAMP  
 STA. 2249+50 TO STA. 2250+50

P:\02373\Road\Civil\gpk\cross\87C-F.dgn

NOTE BOOK GRADES CHECKED  
 B.M. NOTED  
 STRUCTURE NOTATIONS OKWD  
 NO. \_\_\_\_\_  
 REVISED 05/06/05



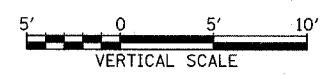
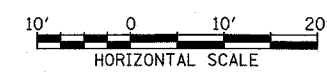
EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 82.9  
 UNSUITABLE = 14.8  
 EMBANKMENT = 5.0  
 TOP SOIL = 8.6

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 98.5  
 UNSUITABLE = 22.1  
 EMBANKMENT = 5.4  
 TOP SOIL = 19.9

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 86.8  
 UNSUITABLE = 23.4  
 EMBANKMENT = 5.0  
 TOP SOIL = 25.6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	788
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8				62694

TYLIN INTERNATIONAL



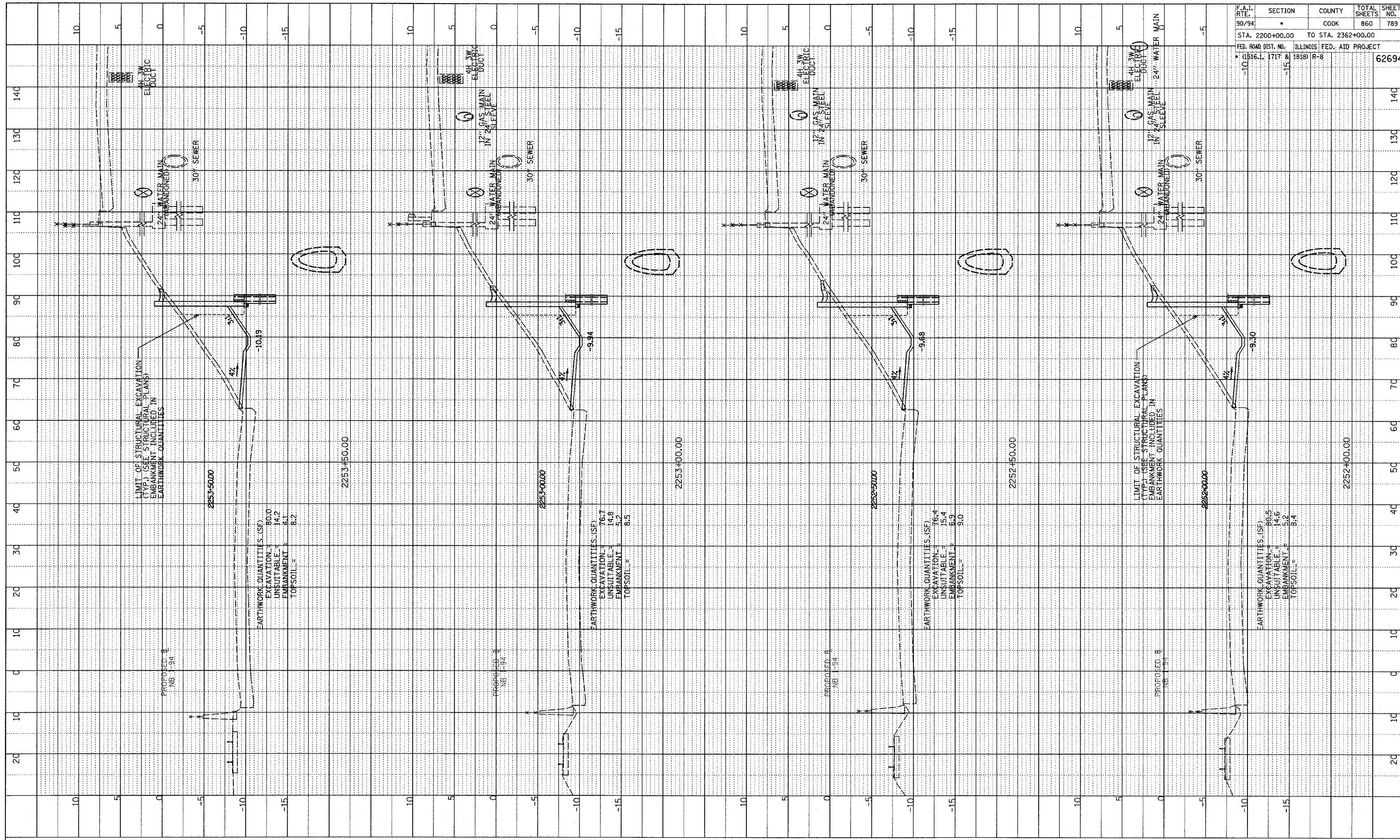
NB 87th ST. EXIT RAMP  
 STA. 2251+00 TO STA. 2251+50

P:\02373\Road\17\eng\17\assn\18\C.F.dgn



REVISED 05/06/05

NOTE BOOK  
 GRADES CHECKED  
 E.M. NOTED  
 STRUCTURE NOTATIONS CHFD



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	789
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. 1516.1, 1717 & 1818		ILLINOIS FED. AID PROJECT R-8		62694

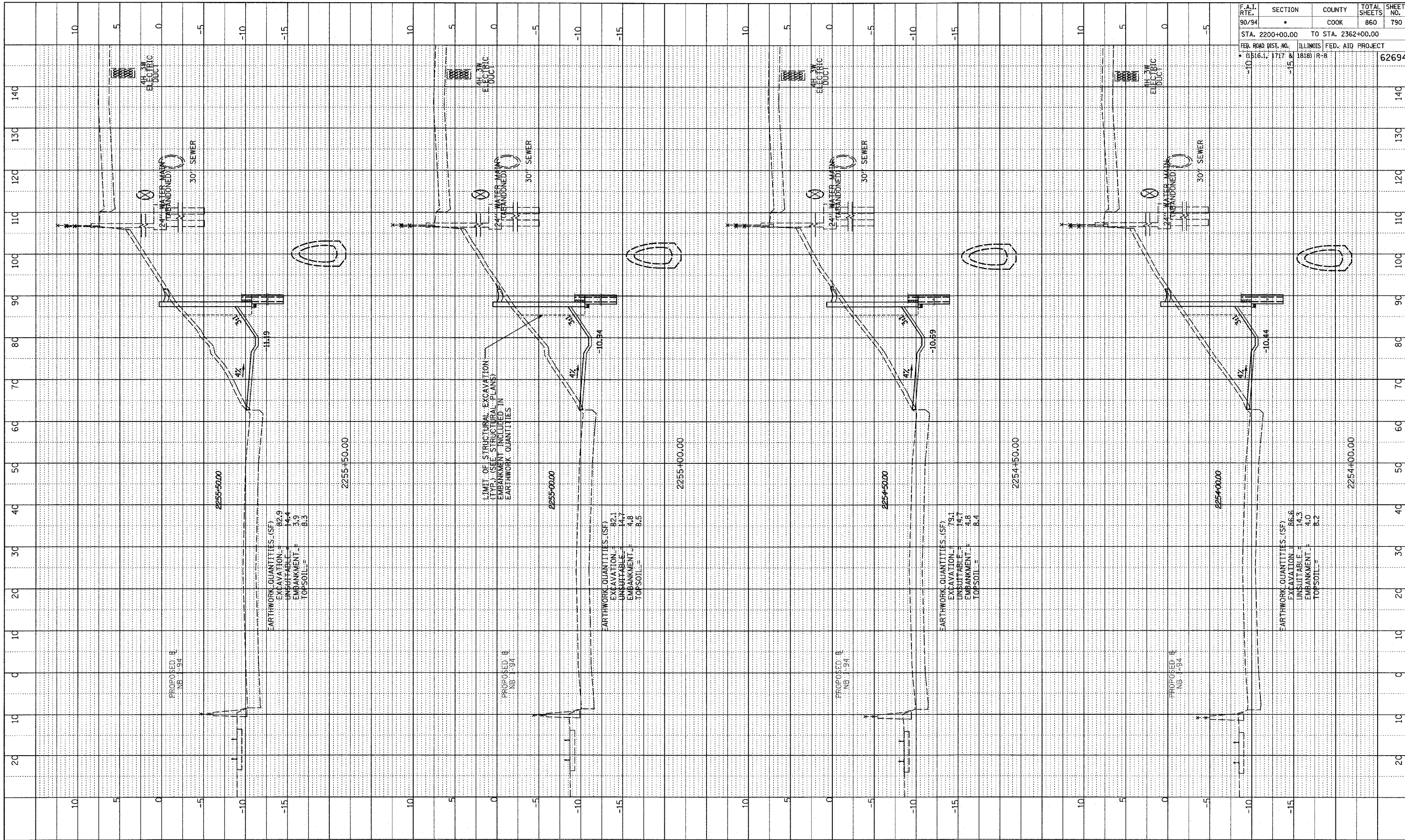
TYLIN INTERNATIONAL



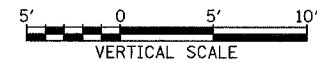
NB 87th ST. EXIT RAMP  
 STA. 2252+00 TO STA. 2253+50

P:\023735\Road\07\Drawn\Cross\187-C.dwg

NOTE BOOK GRADES CHECKED  
 E.A. NOTED  
 PILING DATE NOTATIONS (PFD)  
 NO. \_\_\_\_\_  
 REVISED 05/06/05



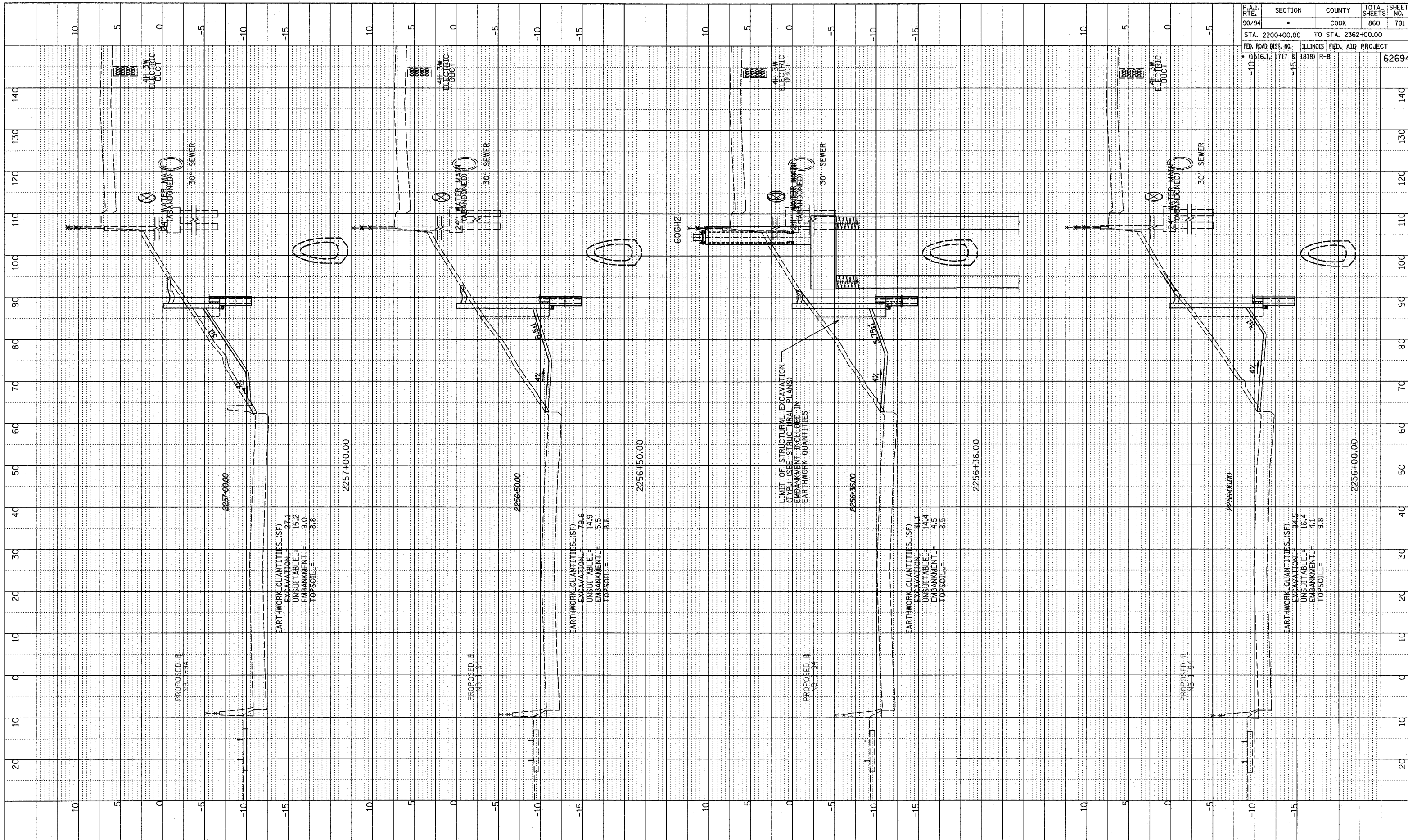
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	790
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
1516.1, 1717 & 1818 R-8		62694		



P:\02373\Road\07.dwg\K7.dwg\1818R-8.C.F.dgn

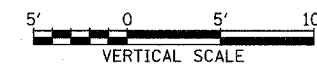
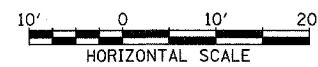
NOTE BOOK  
 GRADES CHECKED  
 S.M. NO. LED  
 PUNCH DATE NOTATIONS CHFD  
 NO.

REVISED 05/06/05



F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 860	SHEET NO. 791
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (B16.1, 1717 & 1818) R-8		62694		

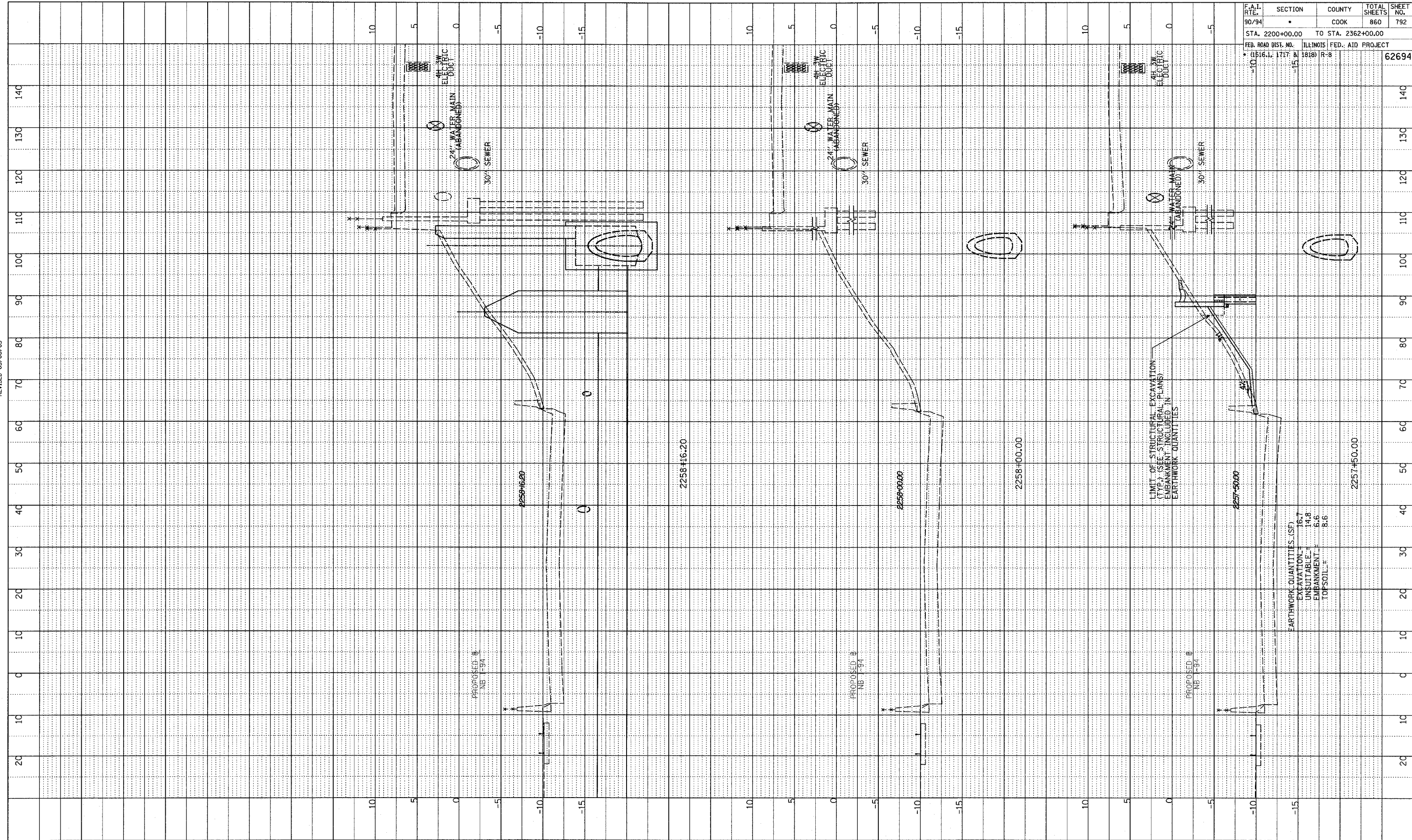
TYLIN INTERNATIONAL



NB 87th ST. EXIT RAMP  
 STA. 2256+00 TO STA. 2257+00

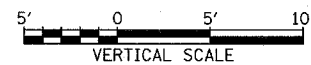
P:\02\73\Road\017\gpk\Trans\87C.F.dgn

NOTE BOOK  
NO. \_\_\_\_\_  
STRUCTURE NOTATION CHRD  
REVISED 05/06/05



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	792
STA. 2200+00.00 TO STA. 2362+00.00				
FEB. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8				62694

TYLIN INTERNATIONAL

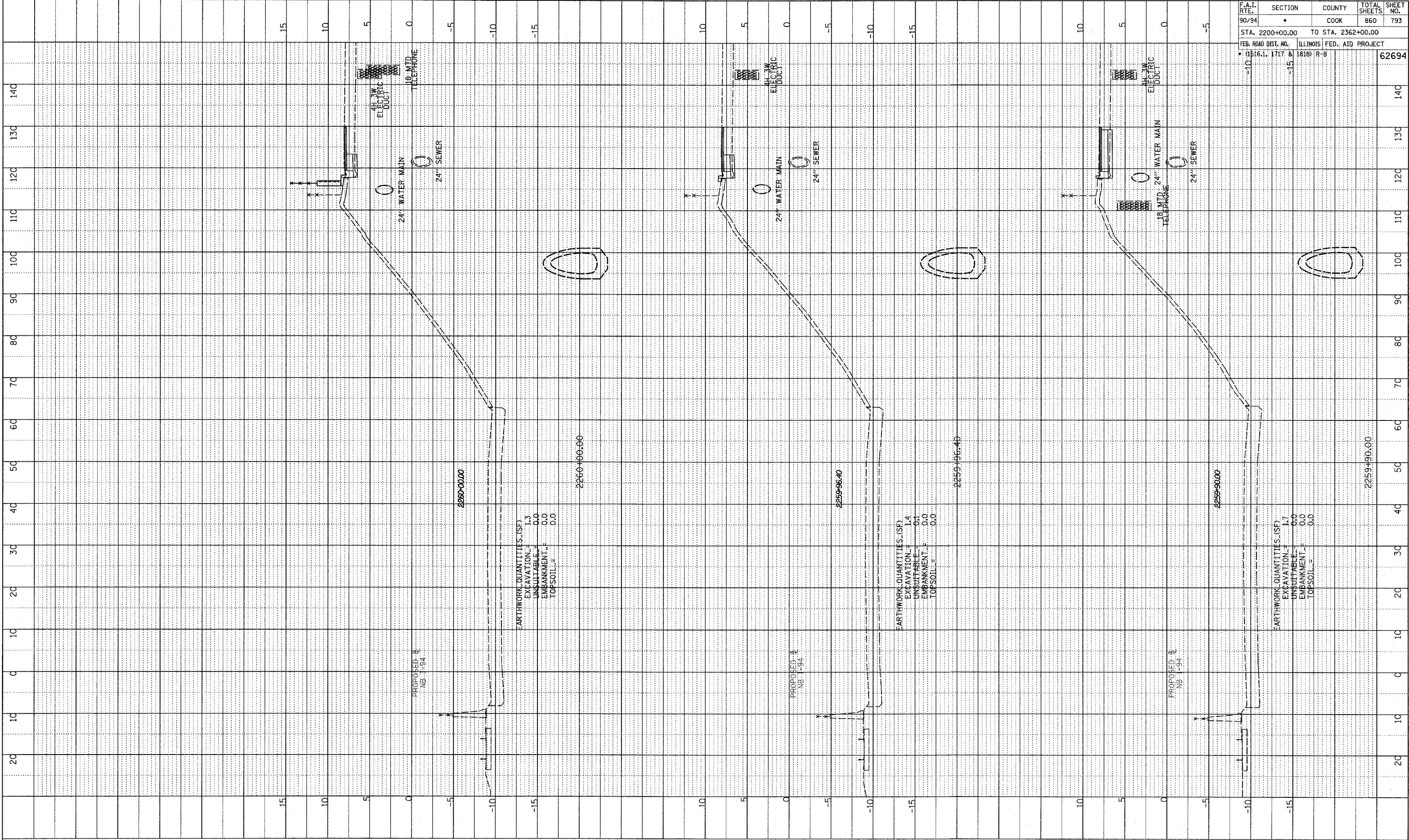


NB 87th ST. EXIT RAMP  
STA. 2257+50 TO STA. 2258+16

EARTHWORK QUANTITIES (SF)  
EXCAVATION = 16.7  
UNSUITABLE = 14.8  
EMBANKMENT = 6.6  
TOPSOIL = 8.6

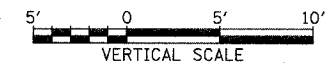
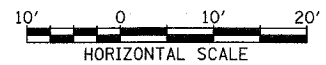
PA02373 Procon/C/O.gmk/assst/BC.F.dgn

NOTED  
 PLANNING  
 STRUCTURE NOTATIONS CHRD



F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	860	793
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (1516.1, 1717 & 1818) R-8				
				62694

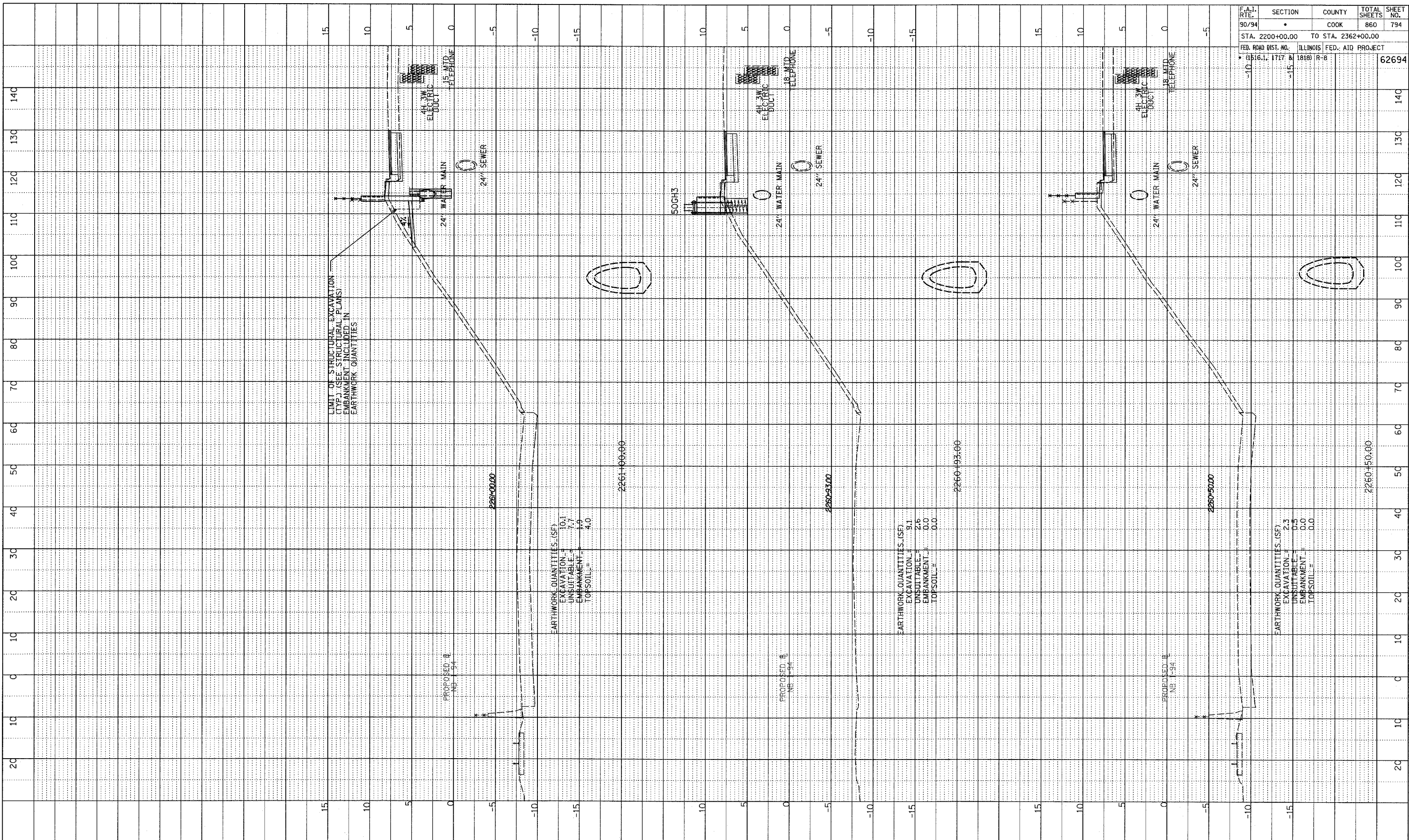
TYLIN INTERNATIONAL



NB 87th ST. ENTRANCE RAMP  
 STA. 2259+90 TO STA. 2260+00

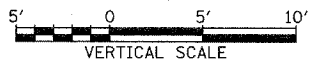
PA02373 road.ctb/agk/ross/b.f.dgn

NOTE BOOK  
 NO. \_\_\_\_\_  
 PLOTTED, CHECKED  
 BY \_\_\_\_\_  
 STRUCTURE NOTATION: CIPD



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	794
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8				
				62694

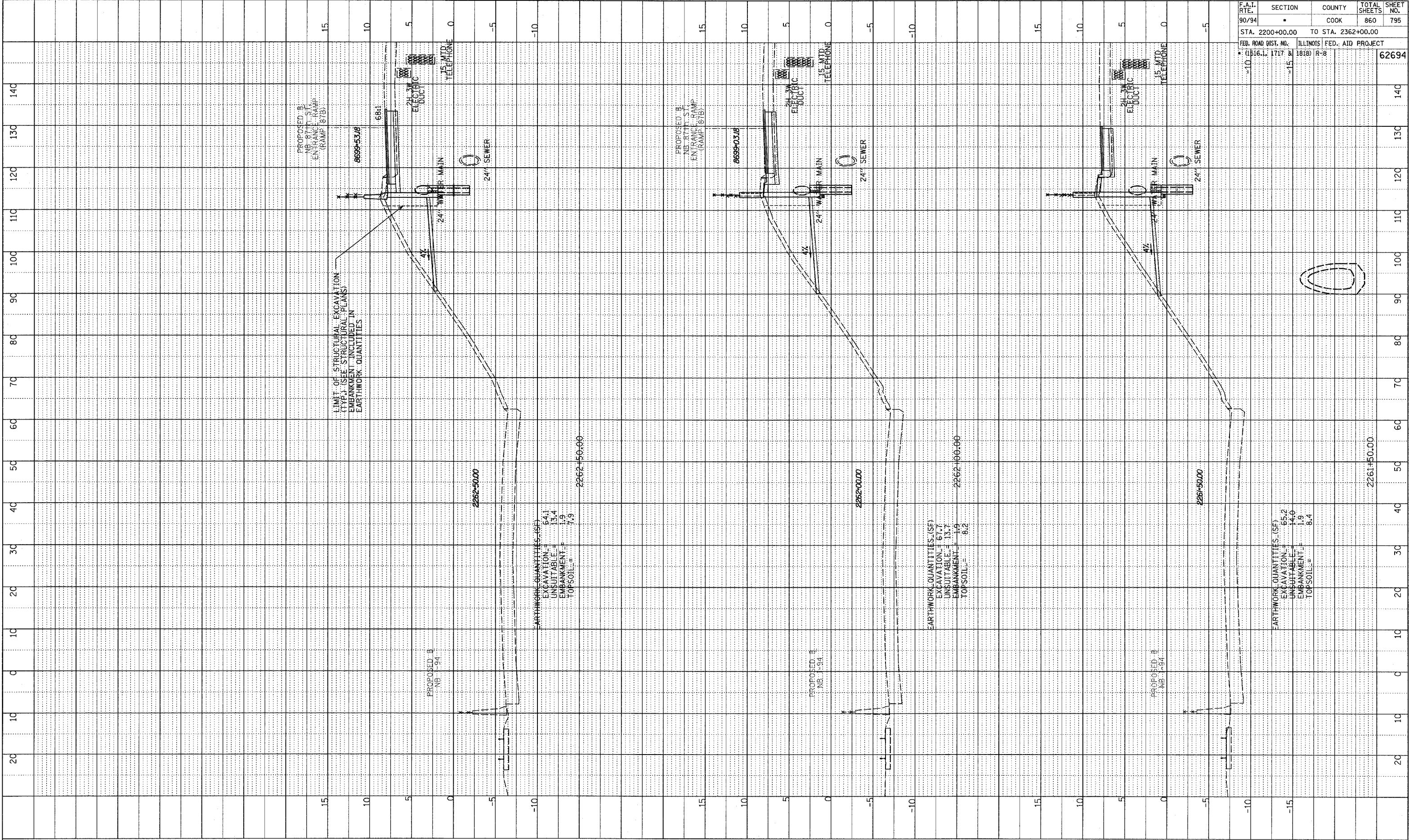
TYLIN INTERNATIONAL



NB 87th ST. ENTRANCE RAMP  
 STA. 2260+50 TO STA. 2261+00

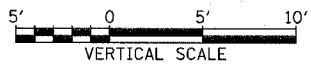
B:\0231\Road\01\gagok\Tass87b.dgn

NOTE BOOK  
NO. \_\_\_\_\_  
PLOTTED  
DATE \_\_\_\_\_  
BY \_\_\_\_\_  
STRUCTURE NOTATION CHRD



F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	860	795
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-8		ILLINOIS FED. AID PROJECT		
				62694

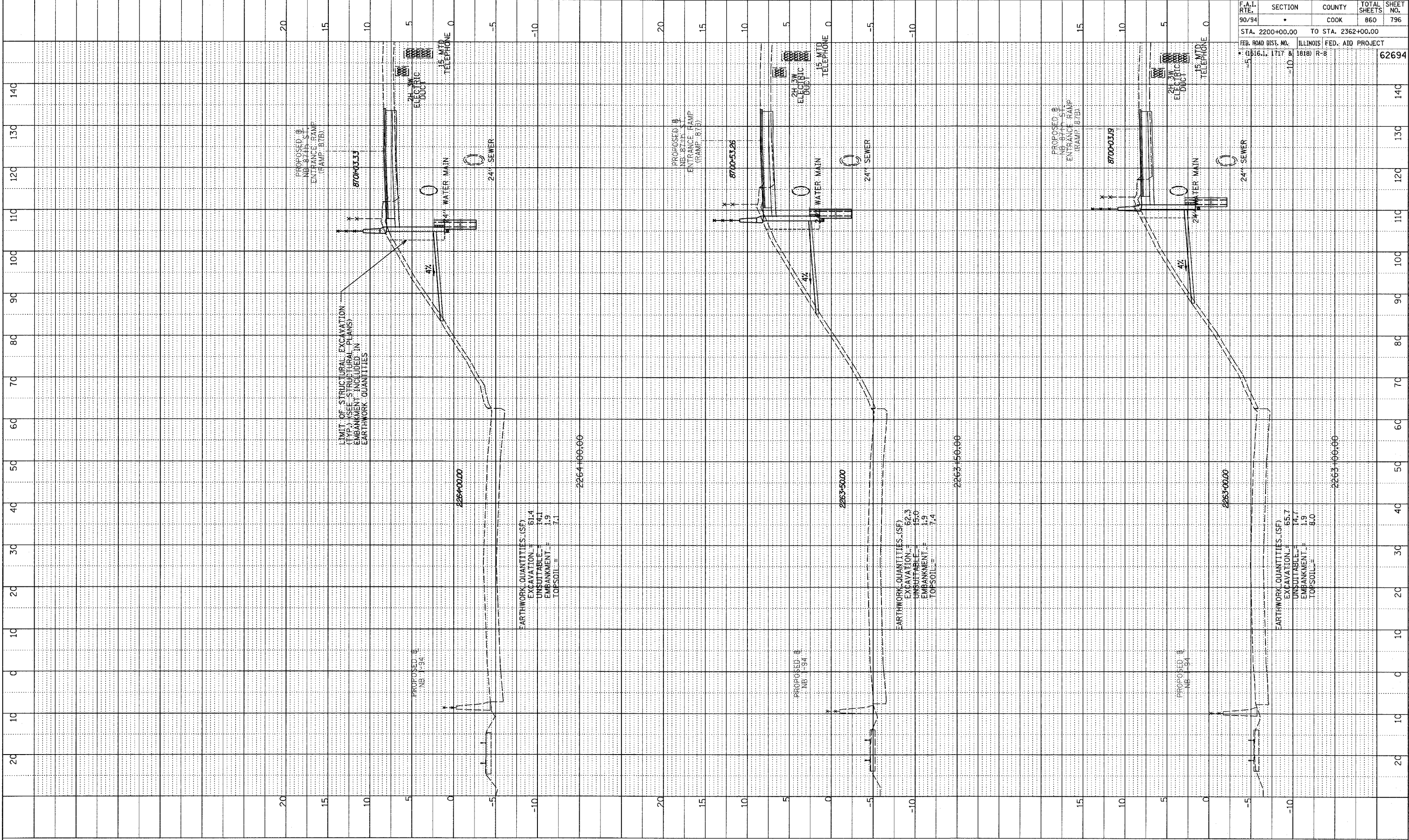
TYLIN INTERNATIONAL



NB 87th ST. ENTRANCE RAMP  
STA. 2261+50 TO STA. 2262+50

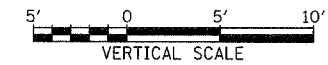
PA-02-37-3/road/alt/ogaki/raasib/b-f.dgn

NOTE BOOK  
 PAGES CHECKED  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS CIPRO



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	796
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8				62694

TYLIN INTERNATIONAL

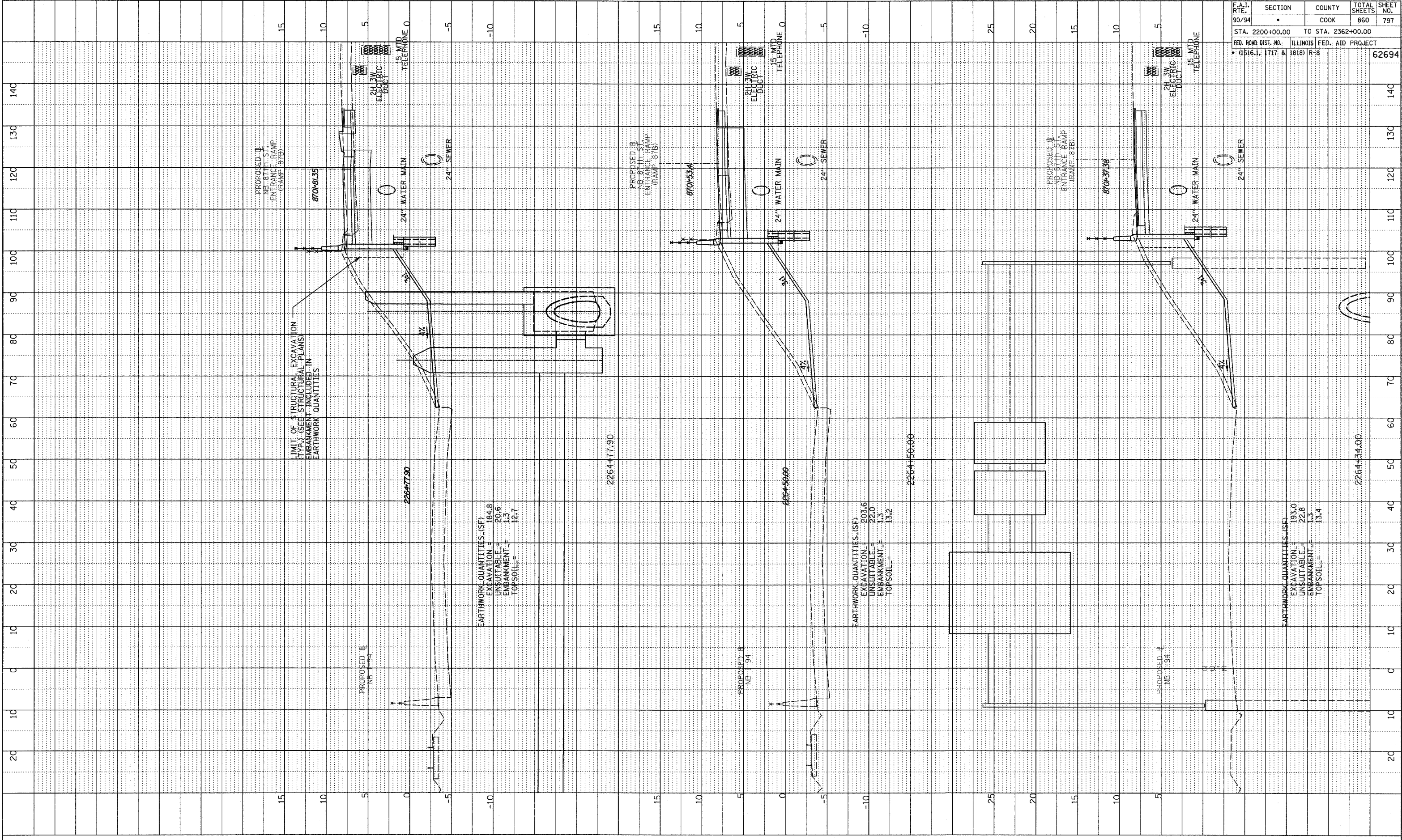


NB 87th ST. ENTRANCE RAMP  
 STA. 2263+00 TO STA. 2264+00

PA-02373.ywd\aci\ogaki\ass87b-f.dgn

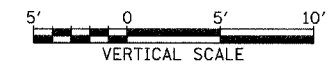


NOTE BOOK  
 DRAWING NO. \_\_\_\_\_  
 STRUCTURE NOTATION CHNO



F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	860	797
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8				
				62694

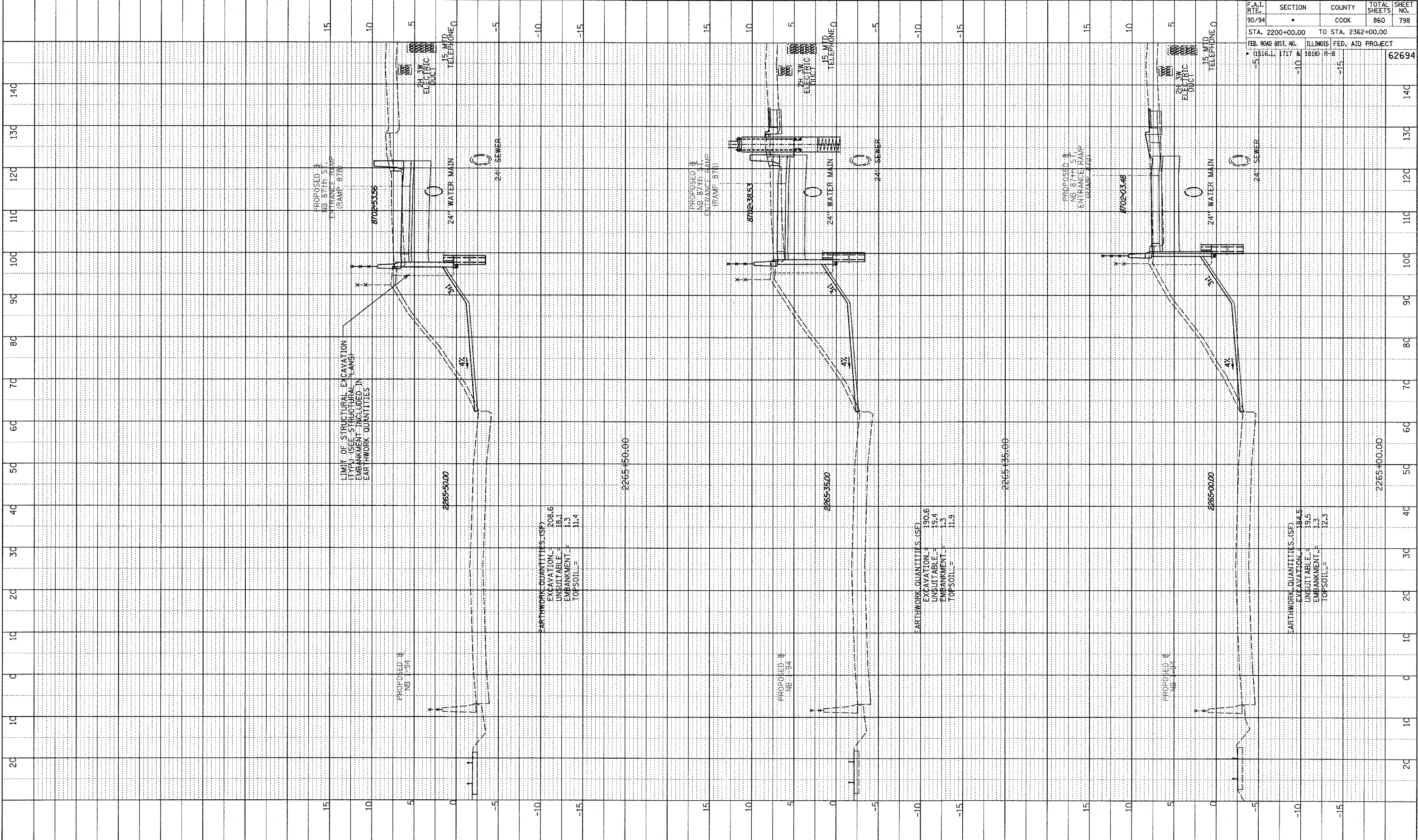
TYLIN INTERNATIONAL



NB 87th ST. ENTRANCE RAMP  
 STA. 2264+34 TO STA. 2264+77

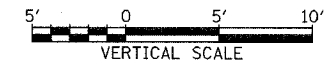
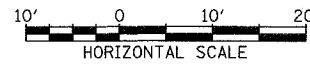
P:\02\3\road\01\cadd\cross\87b.dwg

NOTE BOOK  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATION CHRD



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	860	798
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8				
				62694

TYLIN INTERNATIONAL

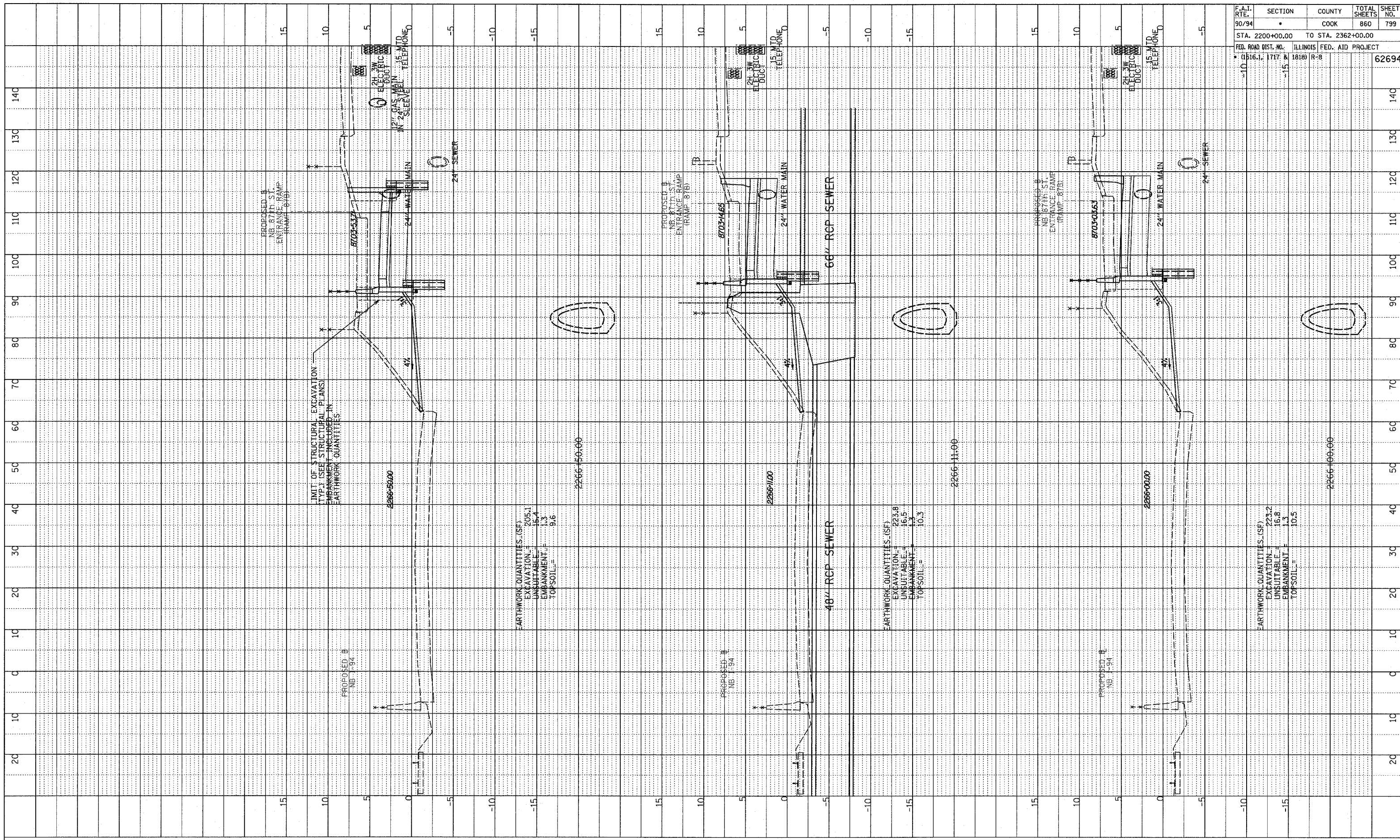


NB 87th ST. ENTRANCE RAMP  
 STA. 2265+00 TO STA. 2265+50

p:\0231\road\civ\gsk\cross\87d-f.dgn

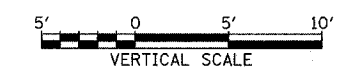
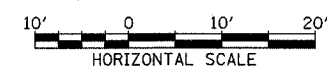
NOTE BOOK  
 GRADES CHECKED  
 STRUCTURE NOTATIONS OK'D  
 NO.

REVISED 05/06/05



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	799
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-8		ILLINOIS FED. AID PROJECT		62694

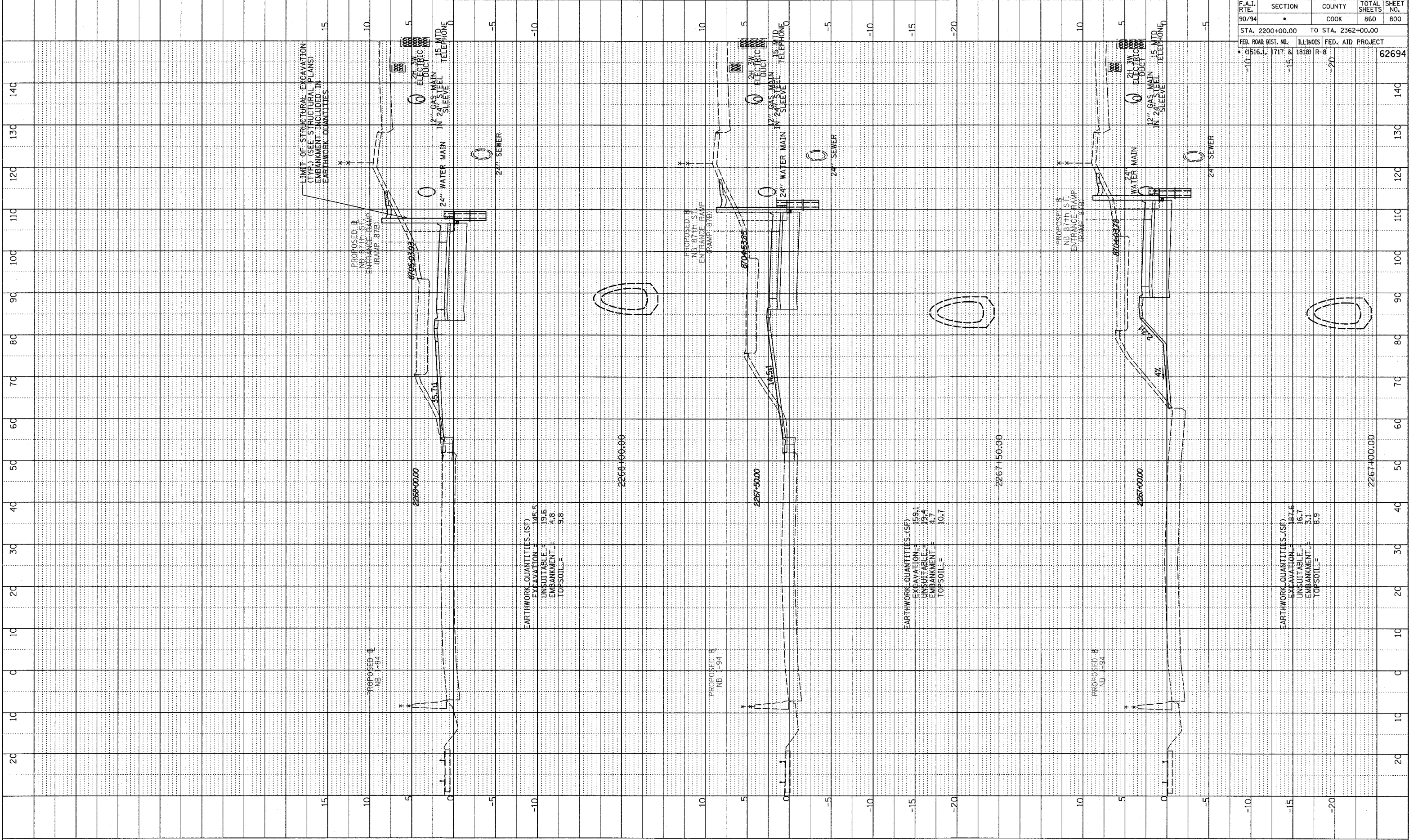
TYLIN INTERNATIONAL



NB 87th ST. ENTRANCE RAMP  
 STA. 2266+00 TO STA. 2266+50

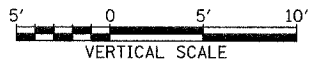
P:\02375\Road\07\dwg\sk17\assst87B\_F.dgn

NOTE BOOK  
 NO. \_\_\_\_\_  
 FLOTTED, REVERSED  
 BACK TO  
 STRUCTURE NOTATION CIRCD



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	800
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717 & 1818)		R-8		62694

TYLIN INTERNATIONAL



NB 87th ST. ENTRANCE RAMP  
 STA. 2267+00 TO STA. 2268+00

PA 02373 vracoc\07\ngpk\7\access\87b\_f.dgn