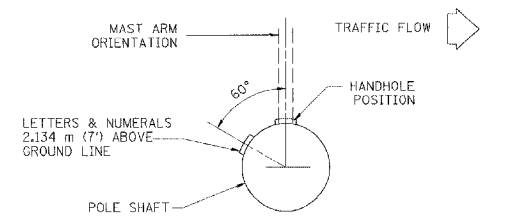
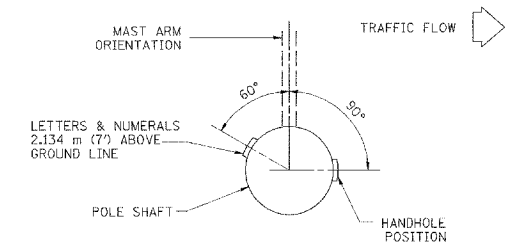


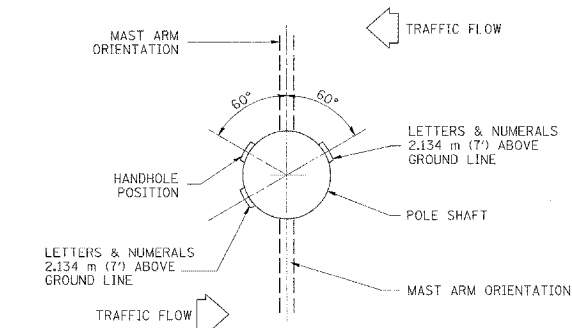
P. A. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			907	801
STA.	TO STA.			
FED. ROAD DIST. NO.	BUREAU	FED. AID PROJECT		



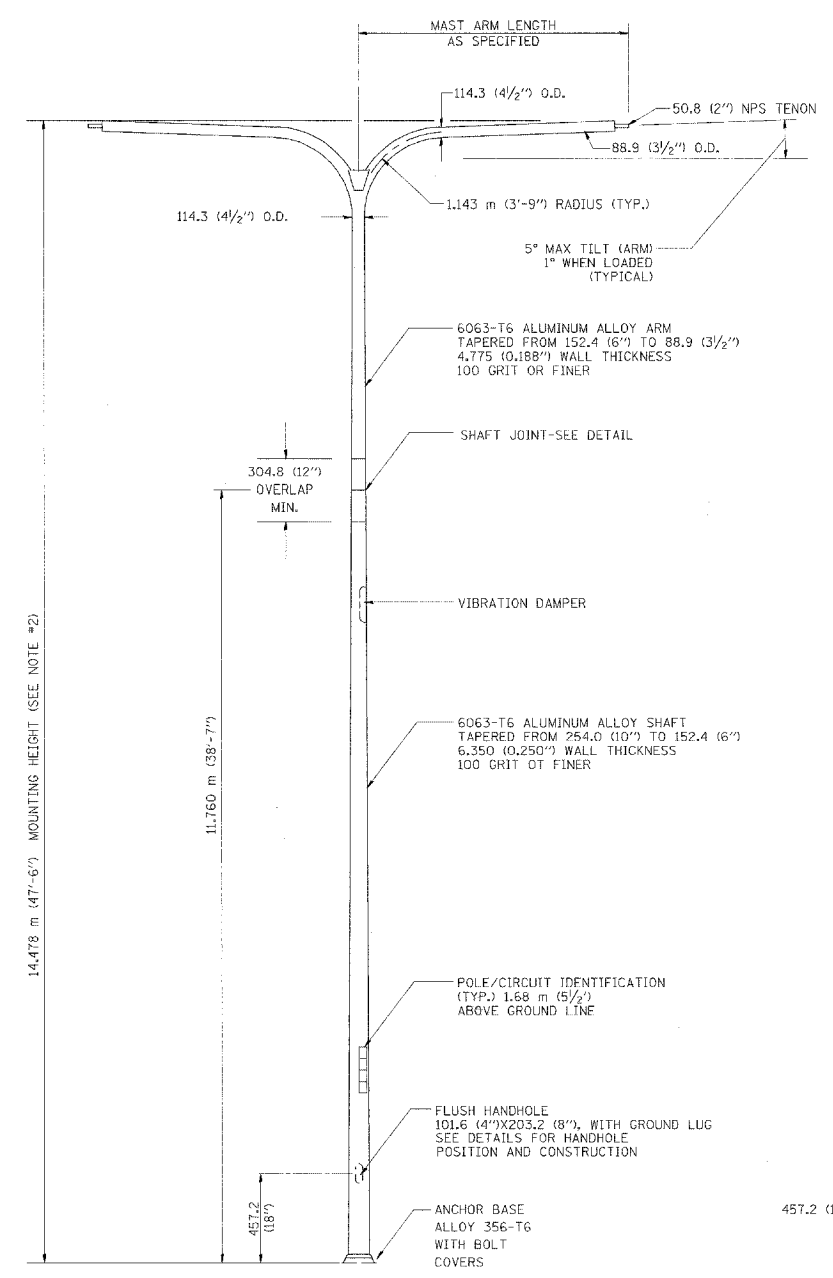
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES MOUNTED ON BRIDGE PARAPET OR BARRIER WALL



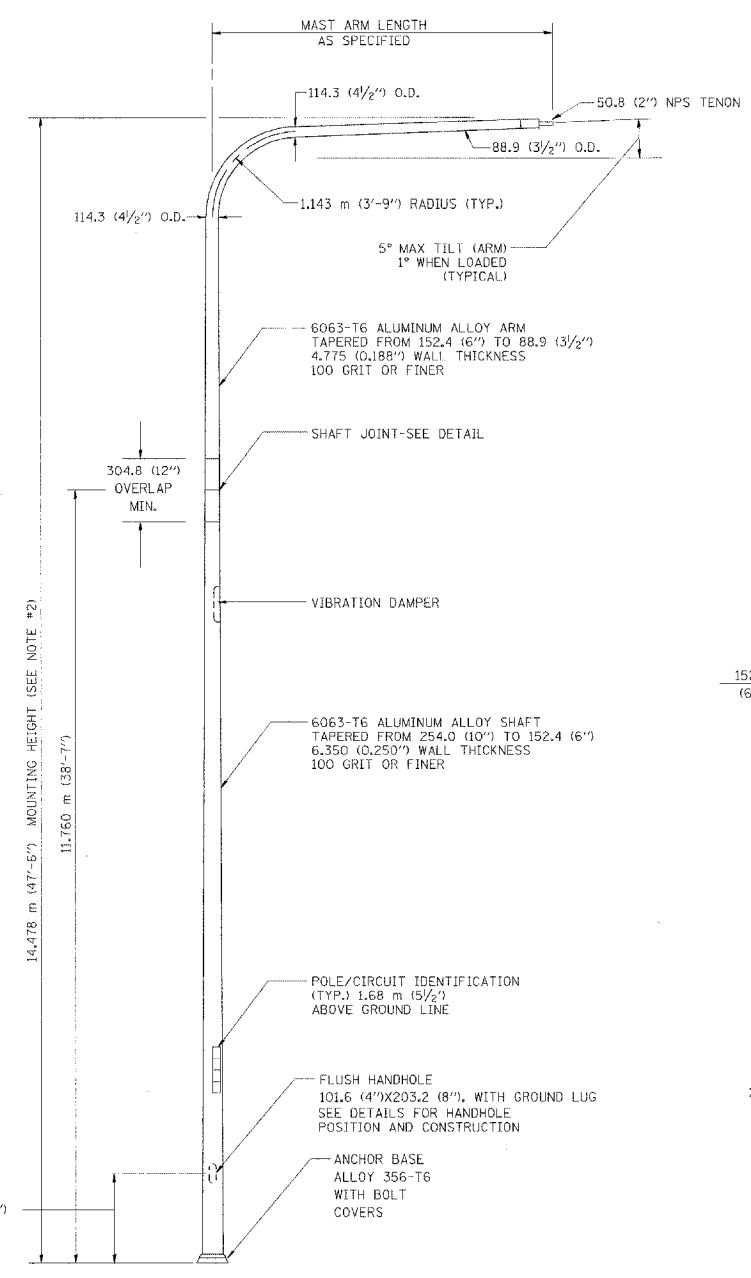
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES



POSITION OF HANDHOLE AND POLE NUMBER FOR TWIN MAST ARM POLES

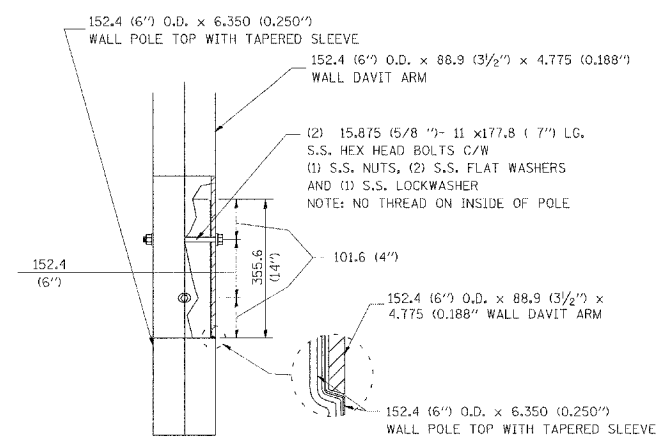


TWIN ARM POLE

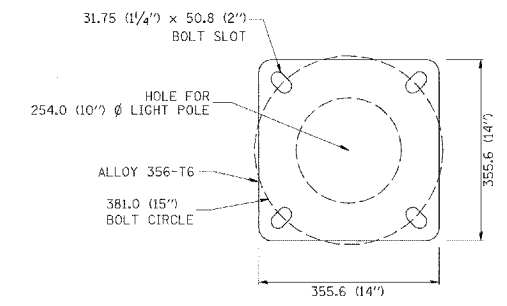


SINGLE ARM POLE

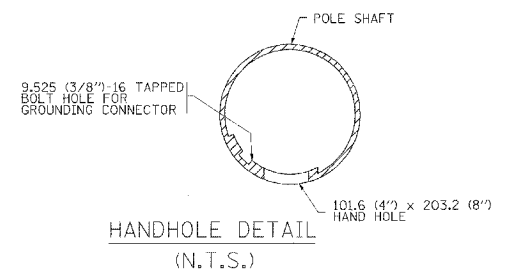
- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
 2. MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
 3. TWO PIECE SHAFT WILL BE MATCHED MARKED AND INTERCHANGEABLE BETWEEN DIFFERENT UNITS. FIELD DRILLING OF THE HOLES WILL NOT BE ALLOWED.
 4. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
 5. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR, BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
 6. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
 7. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
 8. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.



DAVIT ARM CONNECTION
[355.6 (14") OVERLAP SHOWN]



LIGHT POLE BASE PLATE DETAIL
(FOR POLE MOUNTED ON 381.0 (15 INCH) BOLT CIRCLE FOUNDATION)



HANDHOLE DETAIL
(N.T.S.)

REVISIONS	
NAME	DATE
D. DREW	4-2-92
D. DREW	5-7-92
R. TOMSONS	9-6-00
R. TOMSONS	8-12-03

ILLINOIS DEPARTMENT OF TRANSPORTATION

DAVIT LIGHT POLE
14.478 m (47' - 6")
MOUNTING HEIGHT

SCALE: NONE
DATE: 09/03/2003

DRAWN BY: LEY
CHECKED BY: BE-410
REVISION DATE: 09/02/03

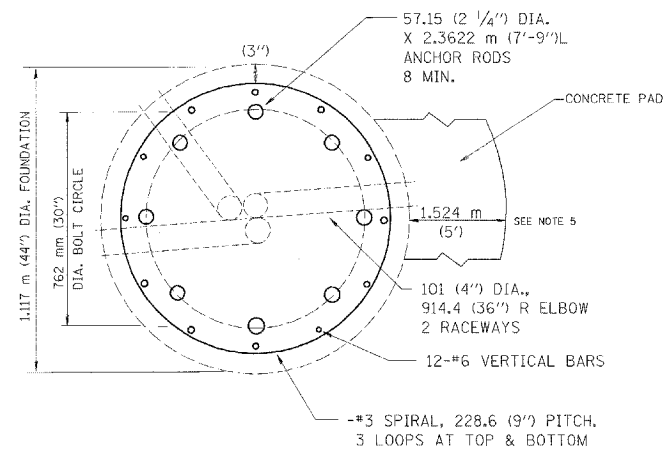
F. A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			907	807
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS		
		FED. AID PROJECT		

LIGHT TOWER FOUNDATION DEPTH "D"

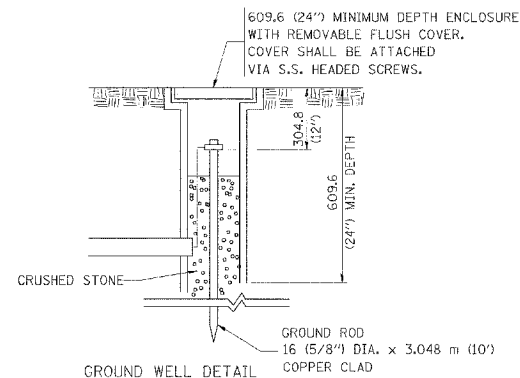
MOUNTING HEIGHT	SOIL CONDITIONS					
	SOFT CLAY Qu = 0.375 TON/SQ. FT	MEDIUM CLAY Qu = 0.75 TON/SQ. FT	STIFF CLAY Qu = 1.50 TON/SQ. FT	LOOSE SAND φ = 34°	MEDIUM SAND φ = 37.5°	DENSE SAND φ = 40°
27m (90 ft)	8.779m (29 ft)	6.035m (20 ft)	4.389m (15 ft)	4.389m (15 ft)	3.840m (13 ft)	3.429m (12 ft)
30m (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

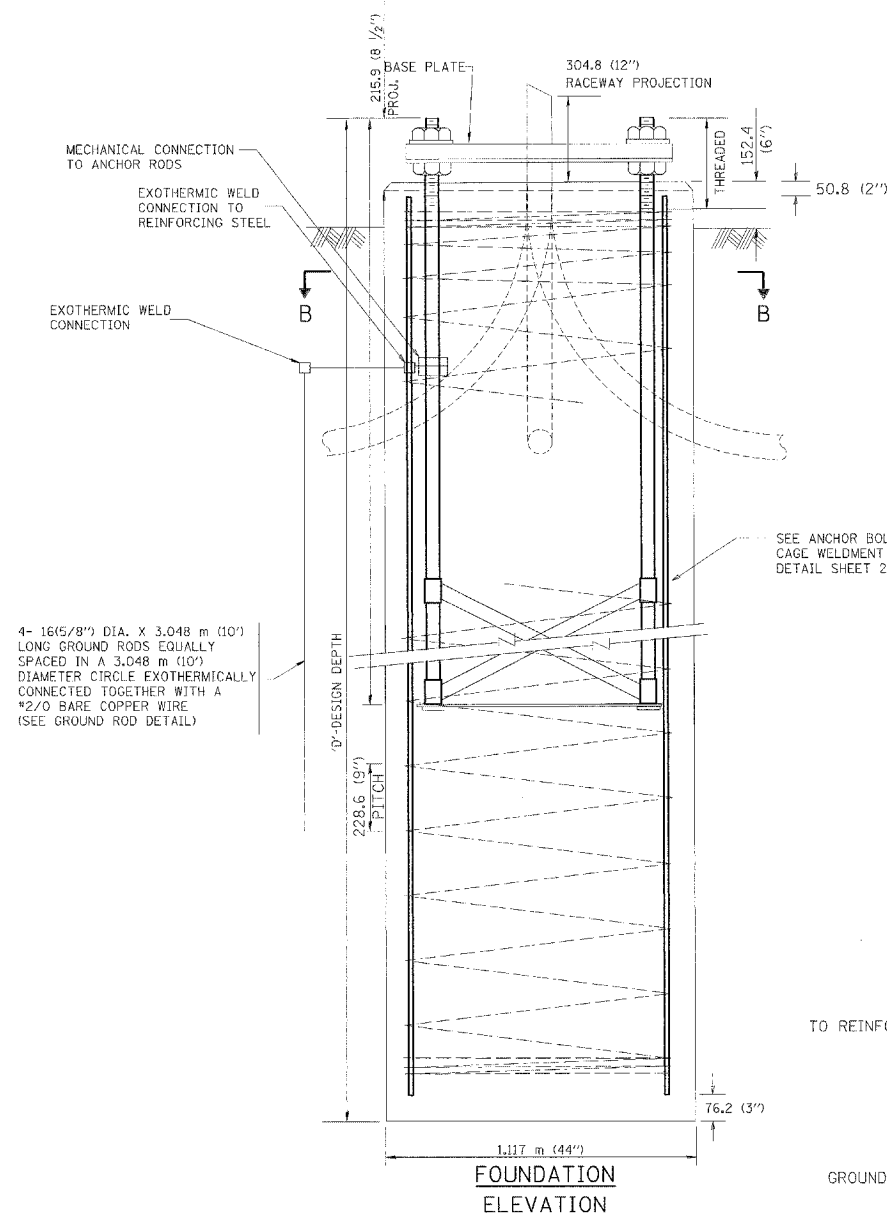
- (1) ALL DIMENSIONS IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN
- (2) THE HOLE FOR THE FOUNDATION SHALL BE ACCORDING
- (3) THE ANCHOR RODS SHALL BE VERTICAL NO ADJUSTMENT SHALL BE ALLOWED AFTER THE FOUNDATION IS PLACED.
- (4) THE GAP BETWEEN THE FOUNDATION AND THE BASE PLATE SHALL BE ENCLOSED WITH 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.



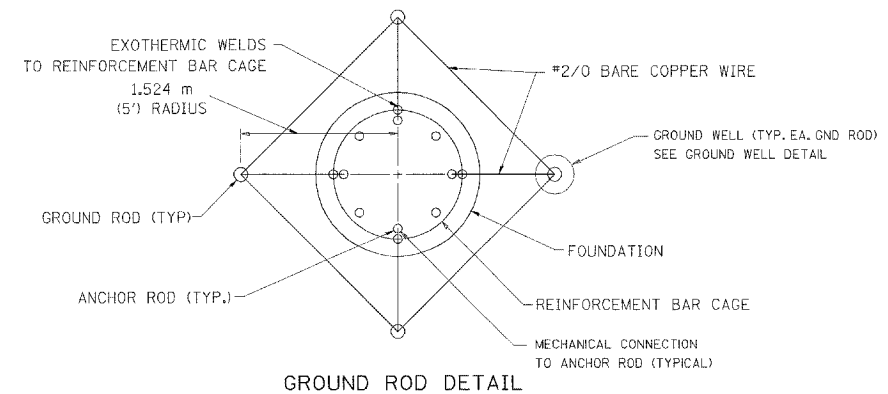
SECTION-B-B



GROUND WELL DETAIL



FOUNDATION ELEVATION

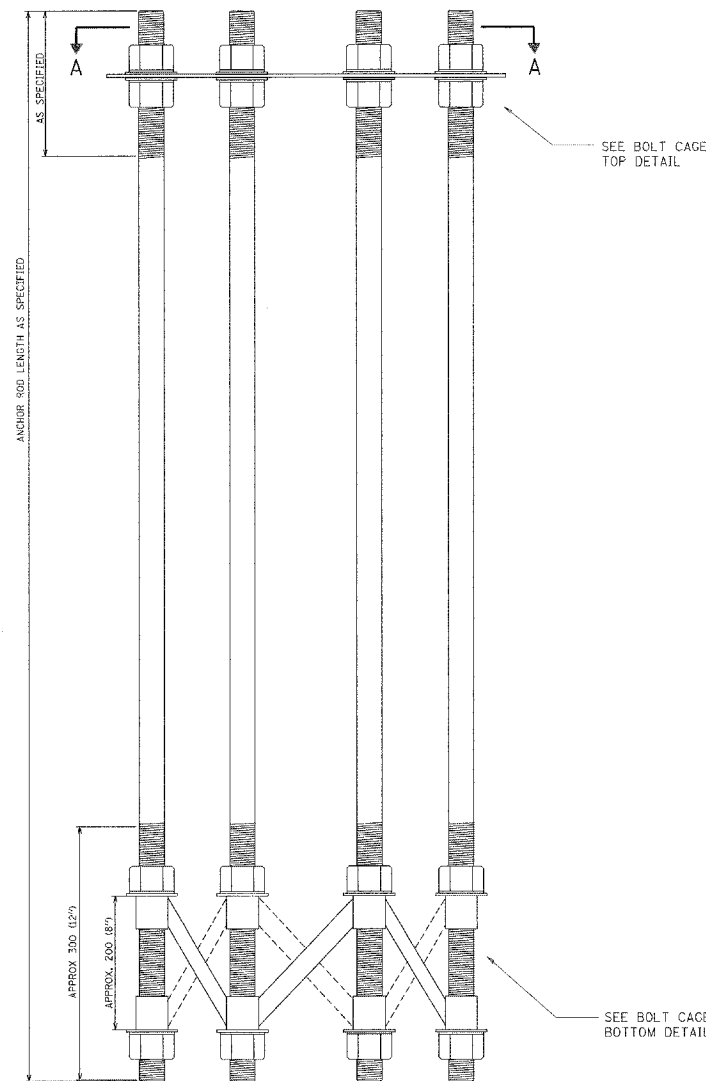


GROUND ROD DETAIL

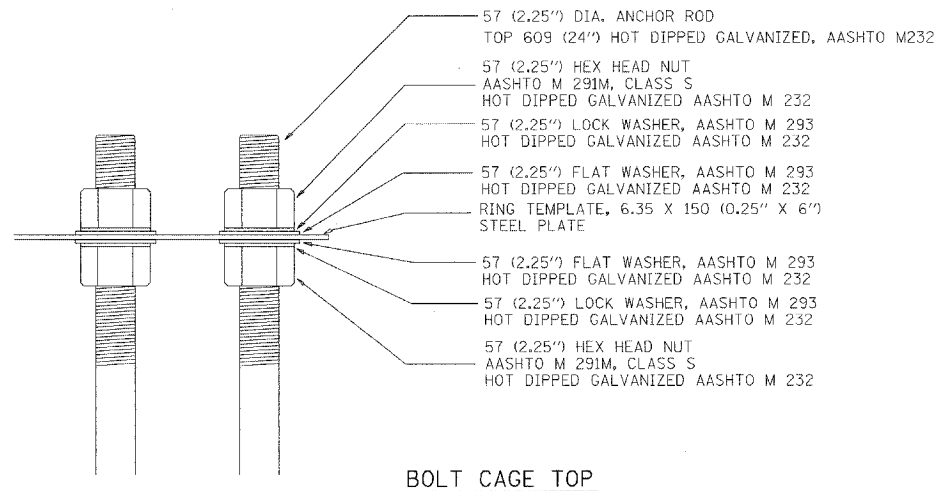
REVISIONS	
NAME	DATE

BE501
ILLINOIS DEPARTMENT OF TRANSPORTATION
**HIGH MAST LIGHT TOWER
27m TO 36m (90FT TO 120FT)
FOUNDATION DETAIL**
SHEET 1 OF 2
SCALE: NONE
DATE 10/18/2002
DRAWN BY
CHECKED BY
BE08 (BE501)
REVISION DATE: 04/22/02

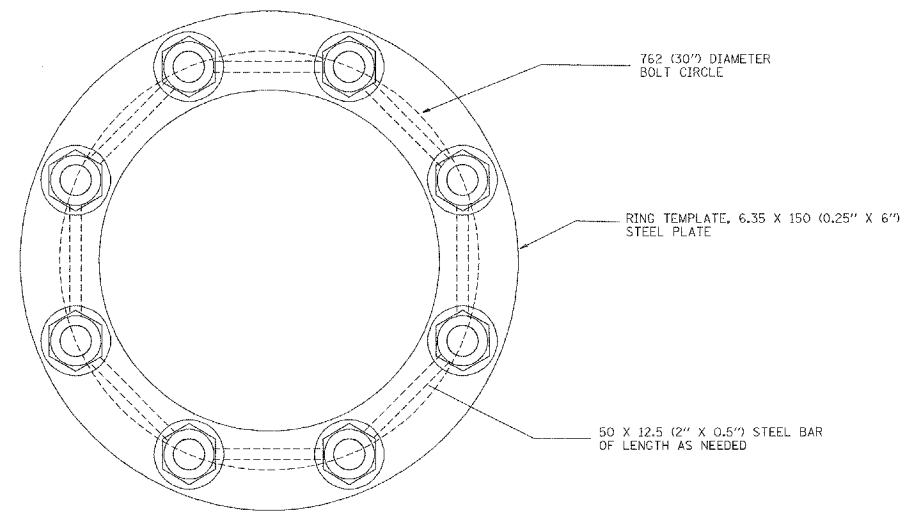
F. A. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			907	803
STA.	TO STA.			
FED. ROAD DIST. NO. 1	BILLINGS	FED. AID PROJECT		



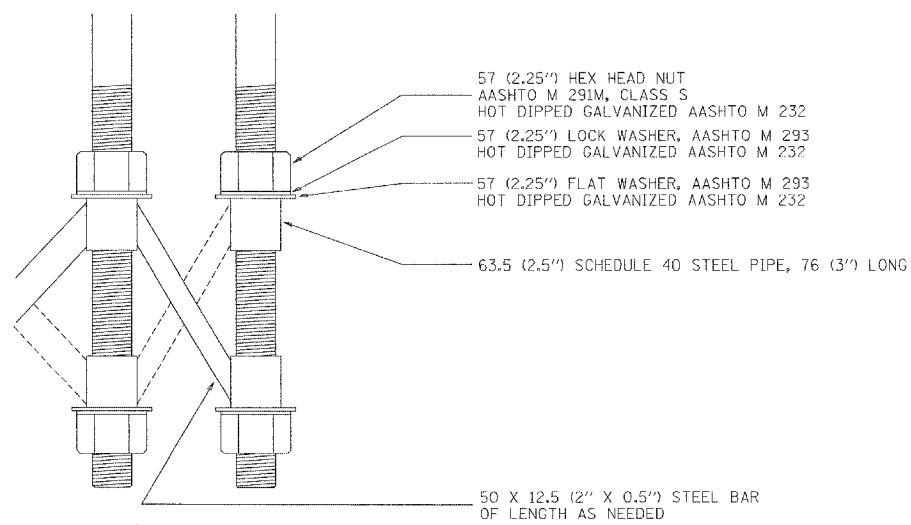
ANCHOR BOLT CAGE



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

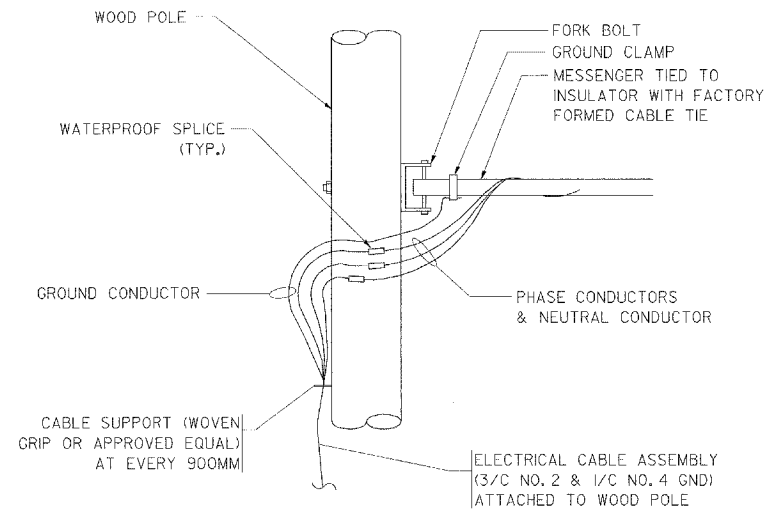
HIGH MAST LIGHT TOWER
27m TO 36m (90FT TO 120FT)
FOUNDATION DETAIL

SHEET 2 OF 2

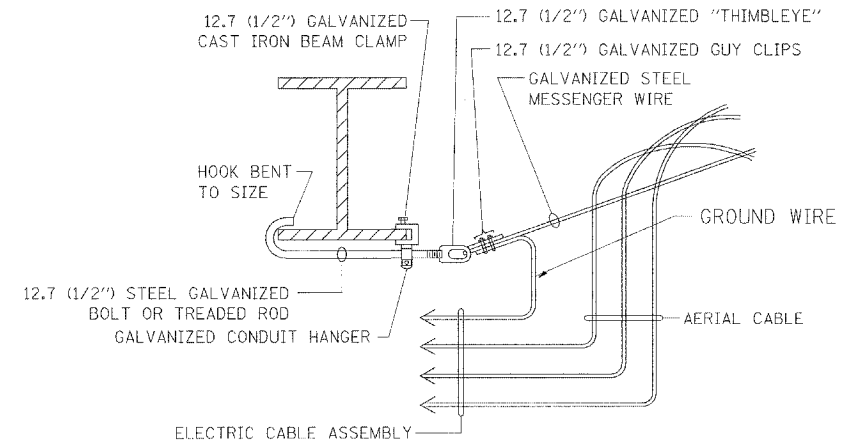
SCALE: NONE
DATE 10/18/2002

DRAWN BY
CHECKED BY
BE08 (BE501)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			907	804
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



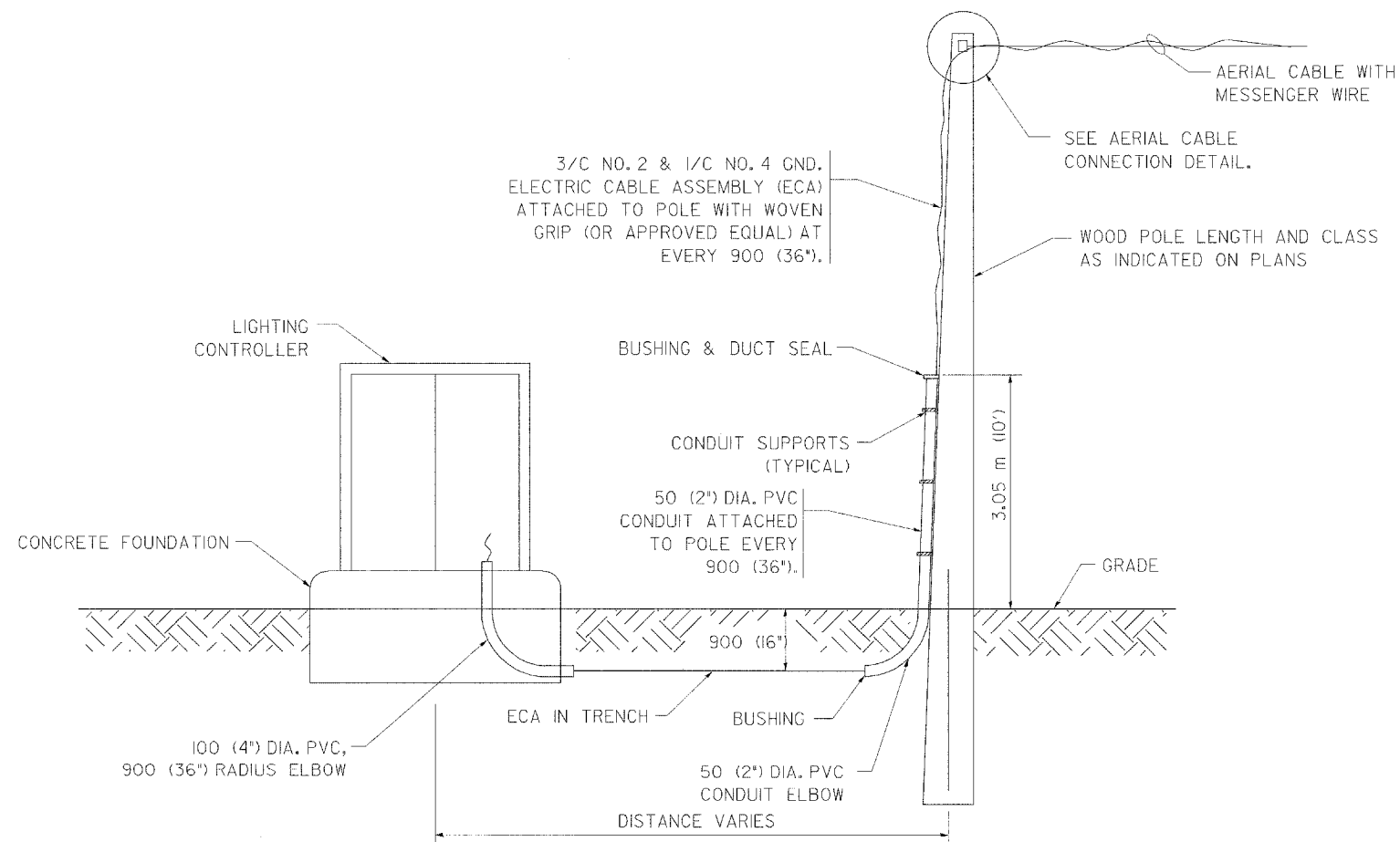
AERIAL CABLE CONNECTION DETAIL
N.T.S.



AERIAL CABLE ATTACHED TO STRUCTURE
NOT TO SCALE

NOTES:

1. ALL DIMENSIONS IN MILLIMETERS (INCHES) UNLESS OTHERWISE INDICATED.
2. SEE PROPOSED LIGHTING PLAN FOR CONDUIT, CABLE AND ROUTING.
3. THE CONTRACTOR SHALL PROVIDE INTERMEDIATE SUPPORTS TO MAINTAIN MINIMUM CLEARANCES. REFER TO AERIAL AERIAL CABLE ATTACHED TO STRUCTURE DETAIL.
4. COST OF SPLICES AND MOUNTING HARDWARE SHALL BE INCLUDED IN THE UNIT PRICE FOR AERIAL CABLE.



WOOD POLE TO LIGHTING CONTROLLER WIRING CONNECTION DETAIL
N.T.S.

REVISIONS	
NAME	DATE

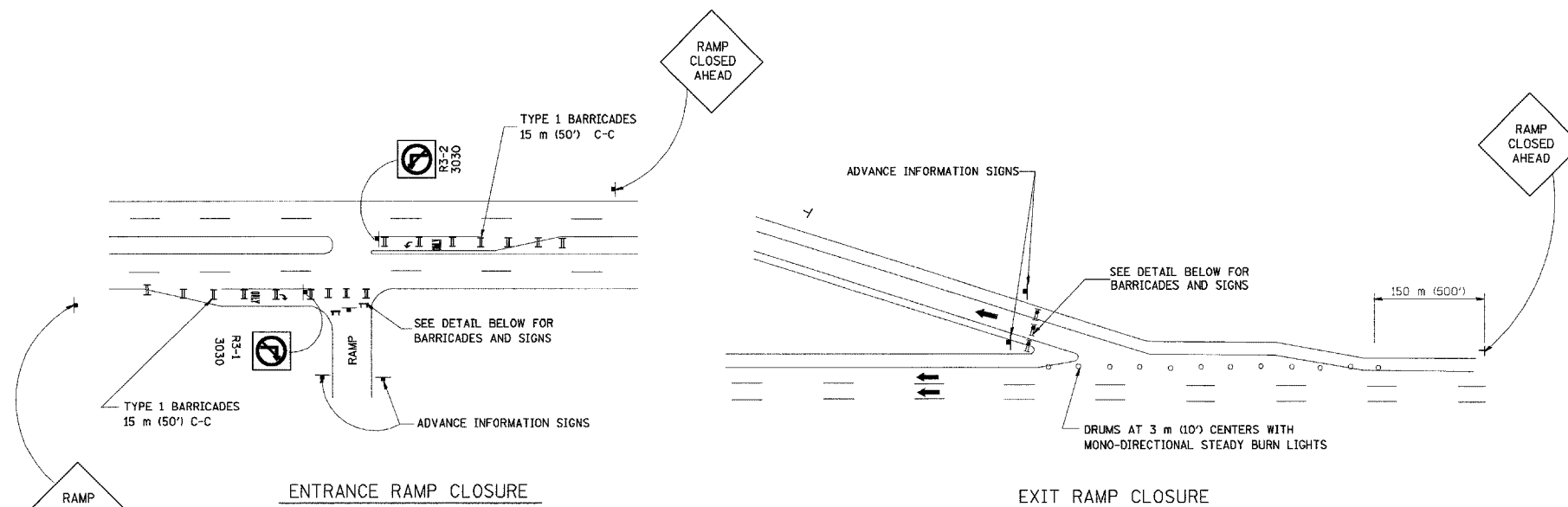
ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY AERIAL CABLE INSTALLATION

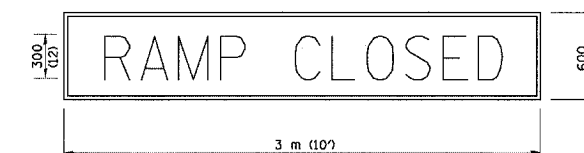
SCALE: NONE
DATE 05/21/2003

DRAWN BY
CHECKED BY

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

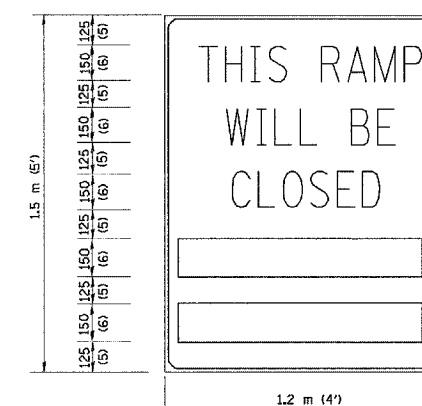


RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE REFLECTORIZED BACKGROUND
25 (1) BORDER
THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR THE CLOSED EXIT RAMPS.

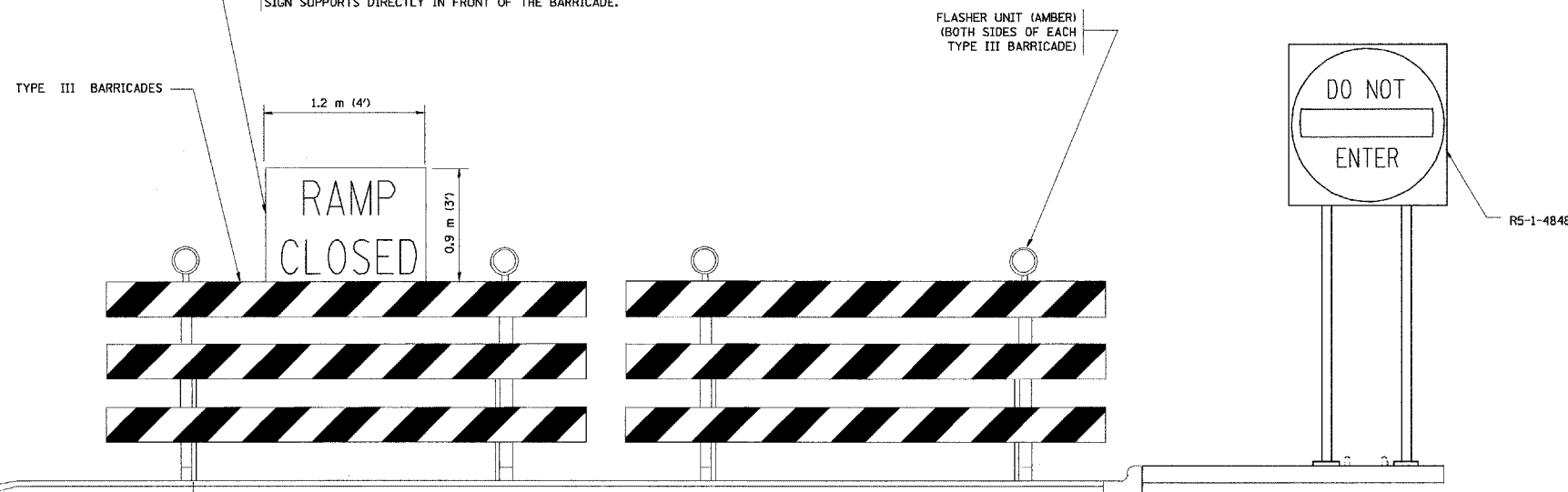
RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON WHITE REFLECTORIZED BACKGROUND
12 (1/2) BORDER
THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

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

THE "RAMP CLOSED" SIGN SHALL BE B/W WITH 200 (8) CAPS. 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.



DETAIL FOR REQUIRED BARRICADES & SIGNS

GENERAL NOTES:

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

NOTES:

1. CONES MAY BE SUBSTITUTED FOR TYPE I AND TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28" IN HEIGHT.
2. STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
3. THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS.
4. 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

FREWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS

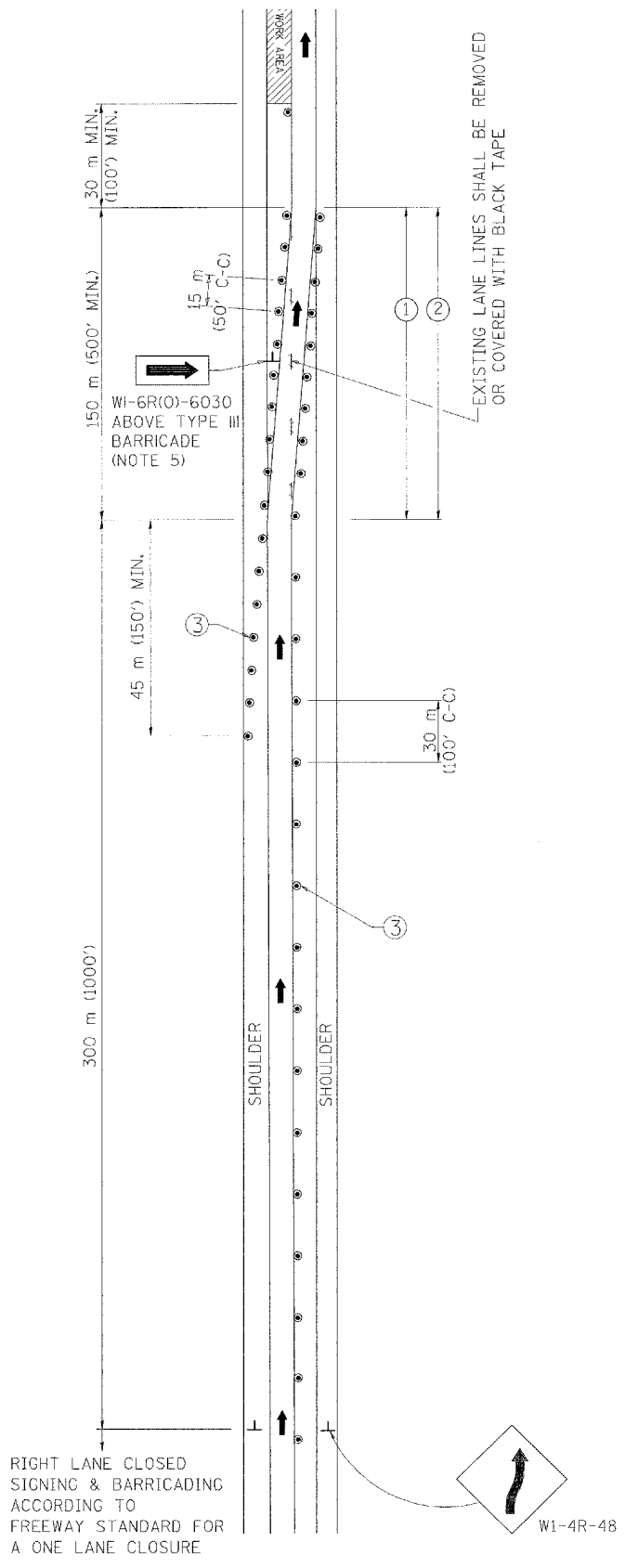
REVISIONS	
NAME	DATE
DWS	2-83
DWS	1/90
DWS	9/94
DWS	12/94
DWS/JAF	12/02
Revise devices to meet NCHRP 350	4/03

SCALE: NONE
DATE: 05/06/2003

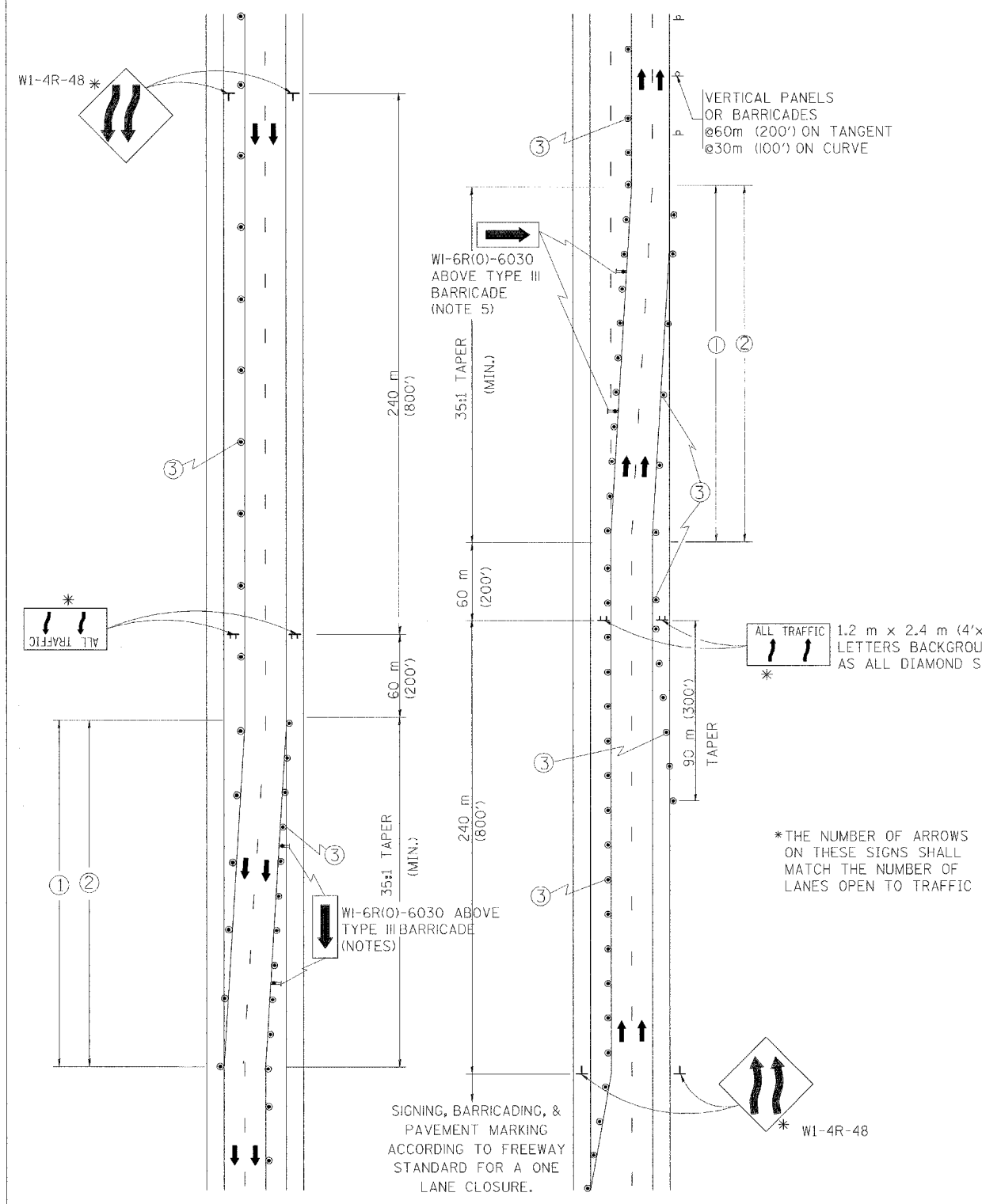
DRAWN BY
CHECKED BY
TC-8

REVISION DATE: 04/03/03

SINGLE LANE WEAVE



MULTI-LANE WEAVE



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

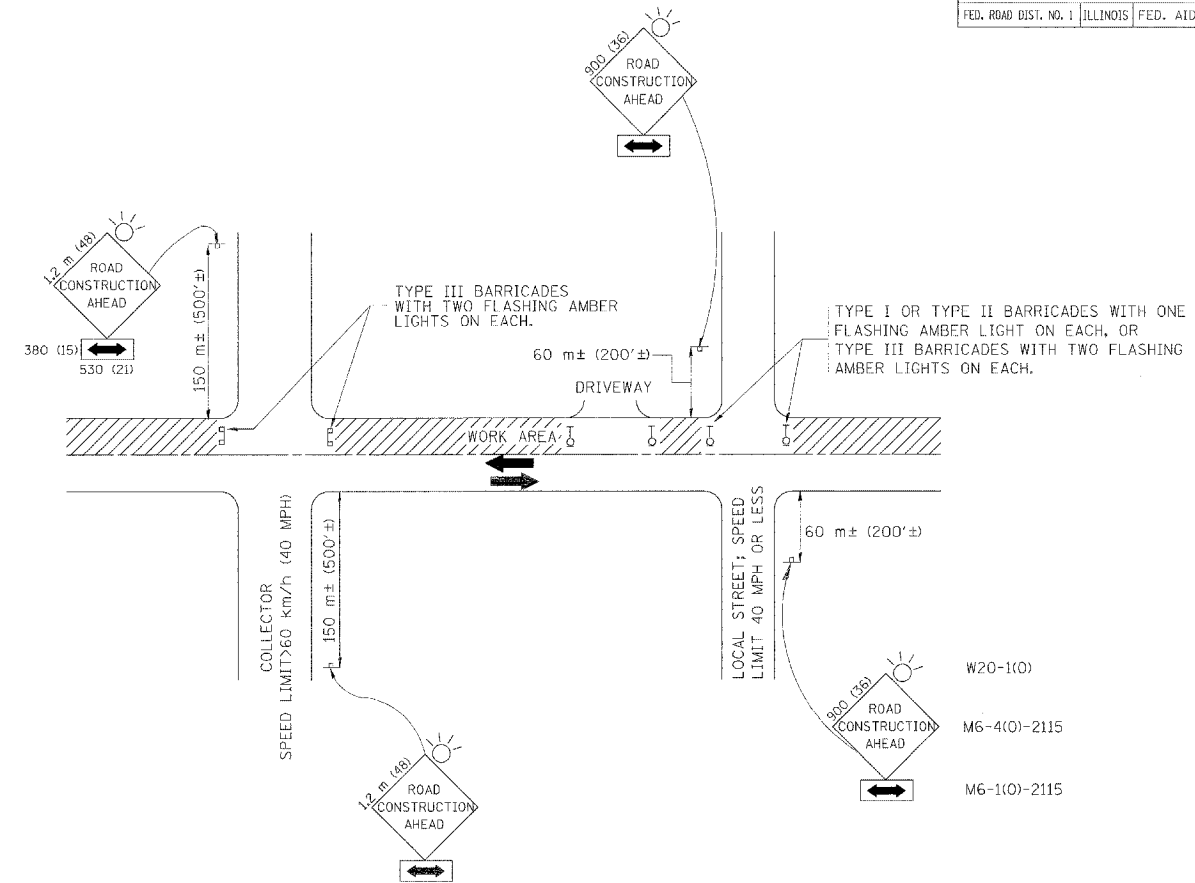
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

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

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			907	807
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE **ROAD CONSTRUCTION AHEAD** SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE **ROAD CONSTRUCTION AHEAD** SIGN 1.2 m x 1.2 m (48x48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAYS:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

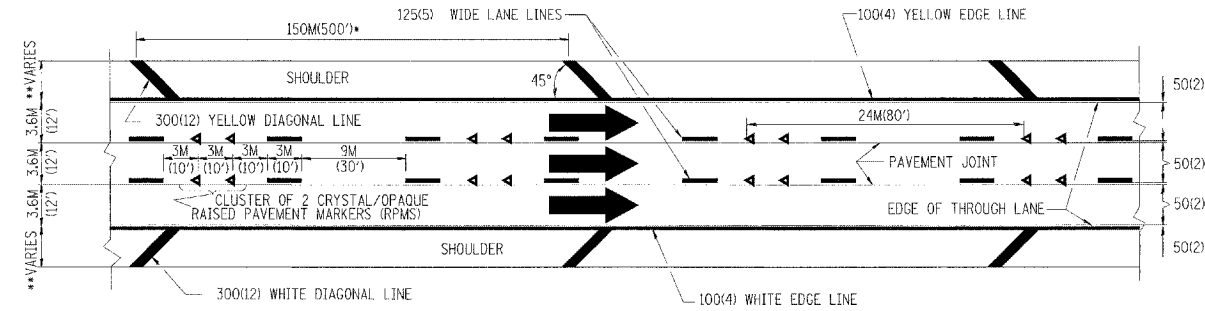
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: VERT. _____
 HORIZ. _____
 DATE 10/18/2002

DRAWN BY _____
 CHECKED BY _____
 TC-10

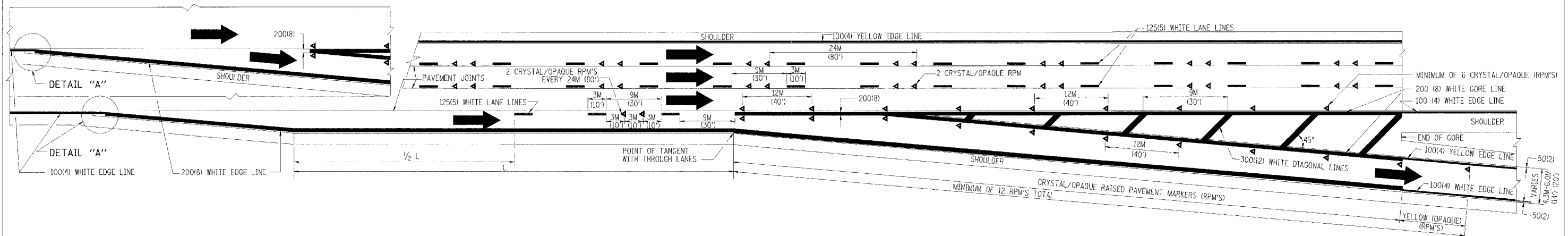
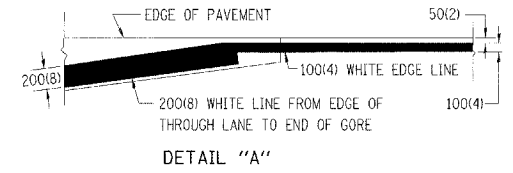
F. A. RILEY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			907	808
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

- 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

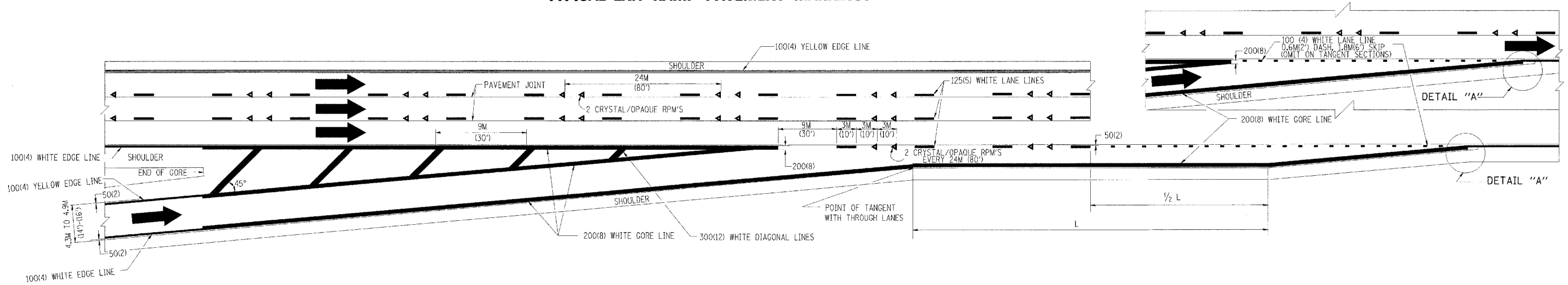


TYPICAL EDGE LINES & LANE LINES

- 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

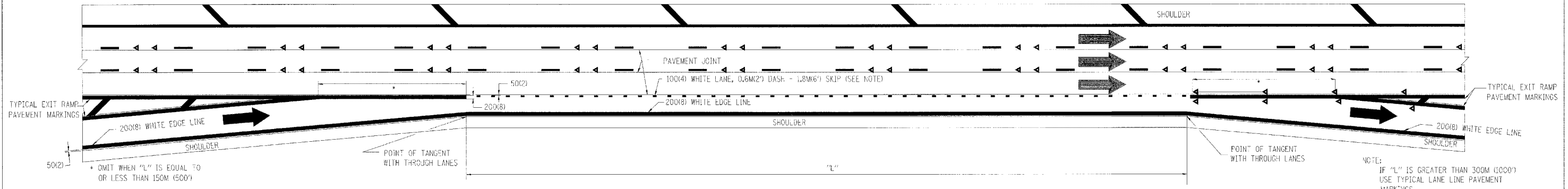
ILLINOIS DEPARTMENT OF TRANSPORTATION

MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS

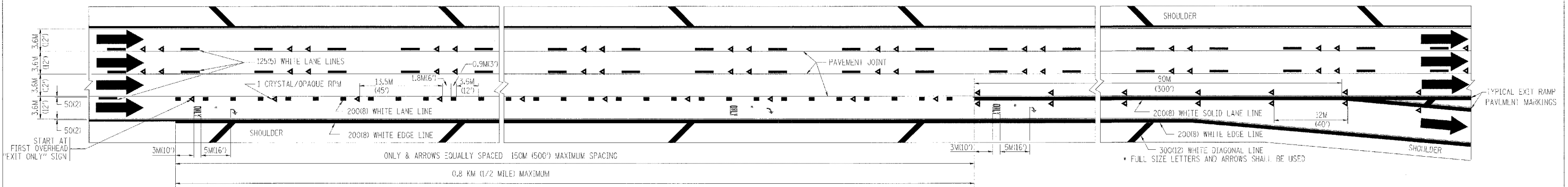
SCALE: NONE
DATE: 10/18/2002

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

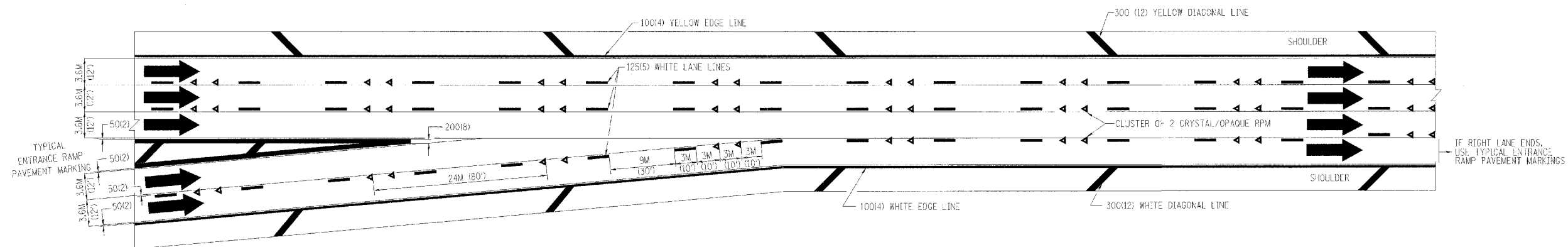
F.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			907	809
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



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

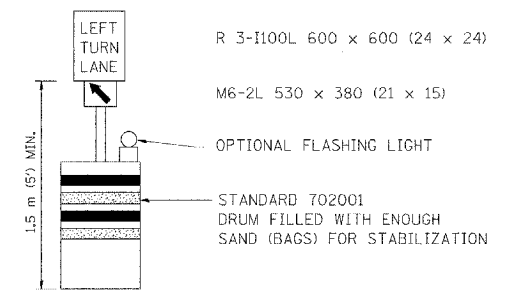
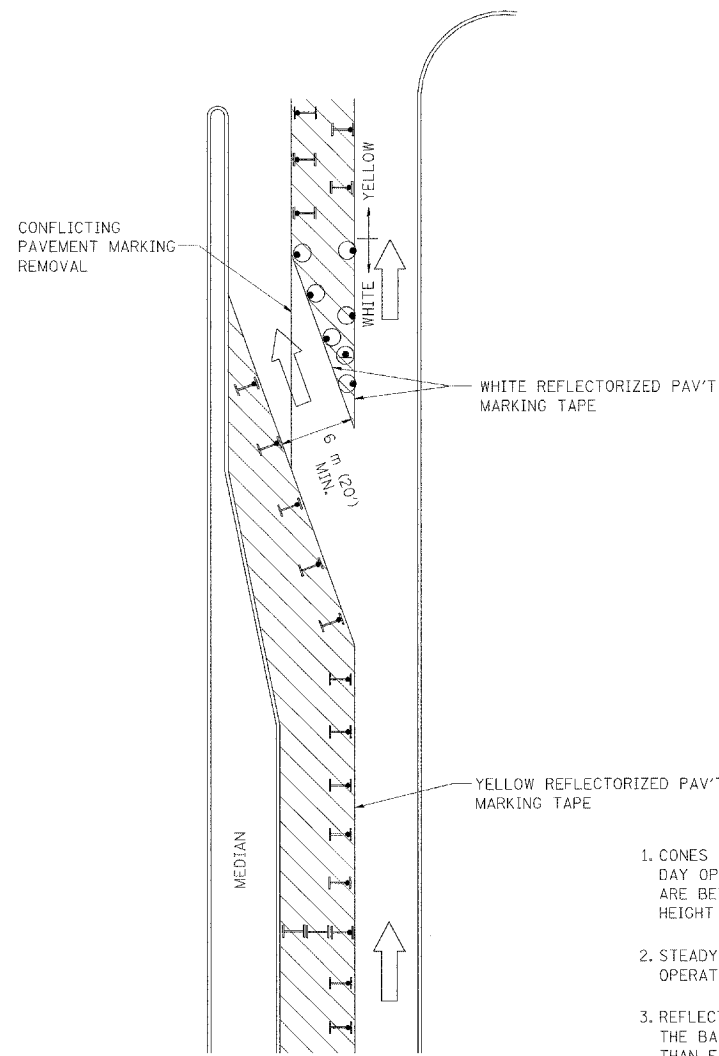
MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS

SCALE: NONE
DATE: 10/18/2002

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

DATE-TIME
DCM-SPEC
V17C12

F. A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			907	810
STA.	TO STA.			
FED. ROAD DIST. NO.	ADDRESS	FED. AID PROJECT		



GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 710 (28) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 1.5 m (5').
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 600 x 600 (24 x 24) AND M6-2R 530 x 380 (21 x 15) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

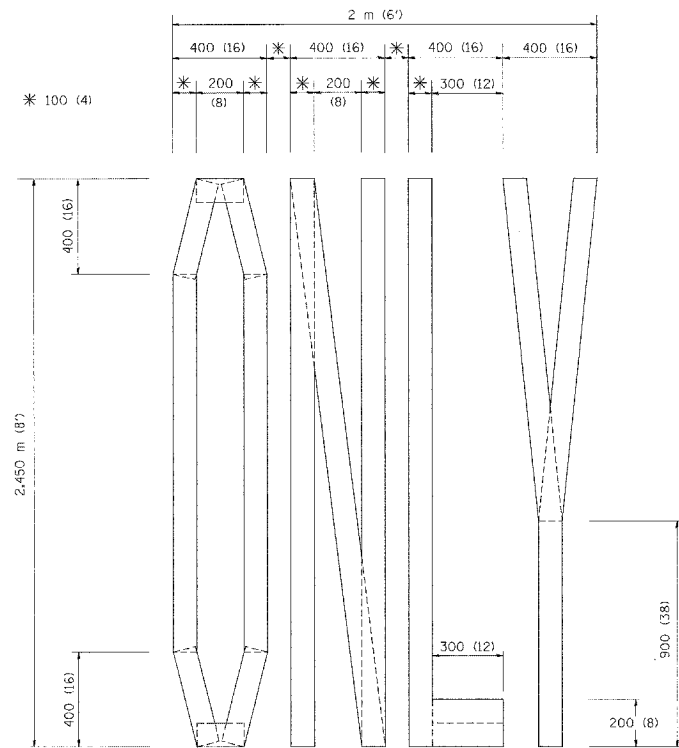
All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

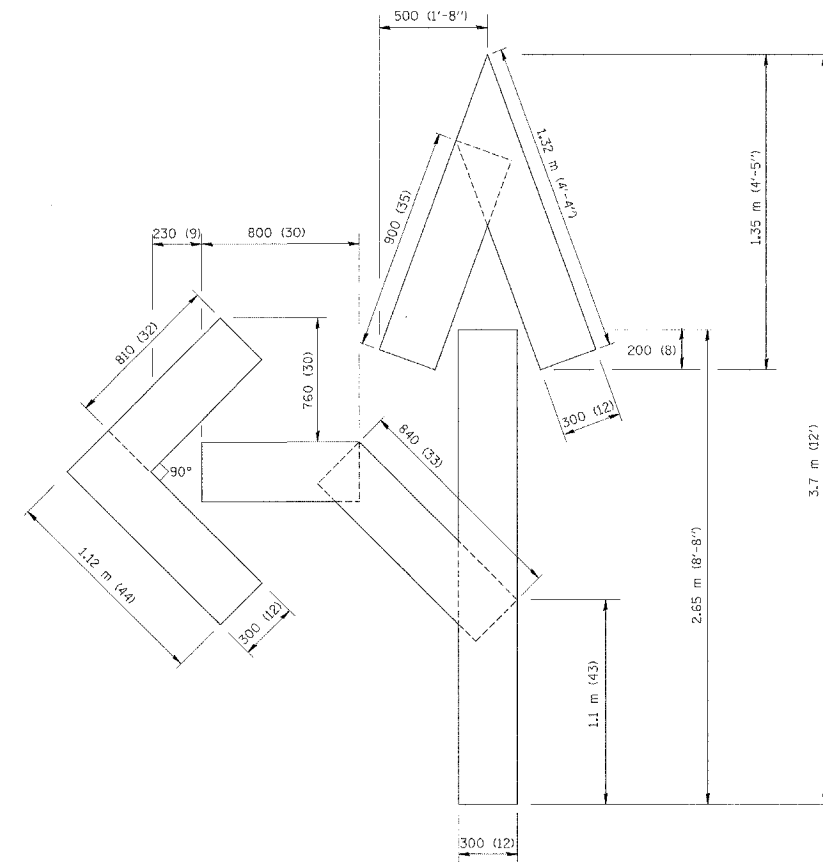
REVISIONS	
NAME	DATE
T. RAMMACHER	09/08/94
A. HOUSEH	11/07/95
A. HOUSEH	10/12/96
T. RAMMACHER	01/06/00

SCALE: NONE
 DATE: 10/18/2002
 DRAWN BY: LHA
 CHECKED BY: LHA
 TC-14

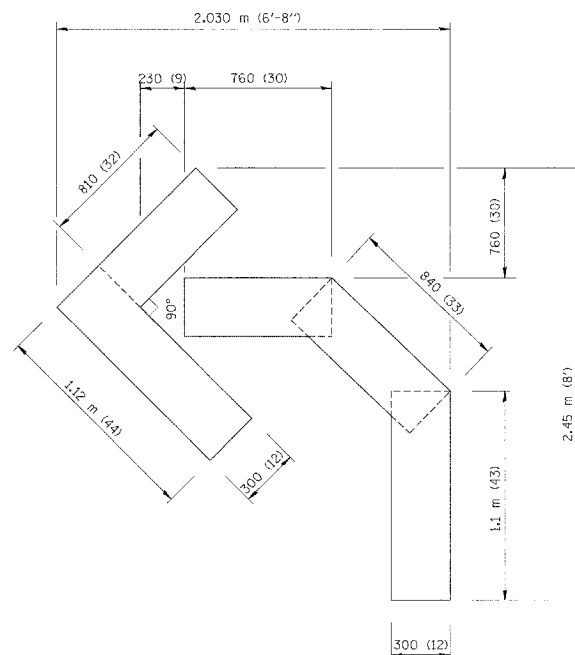
F. A. RILEY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			907	811
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

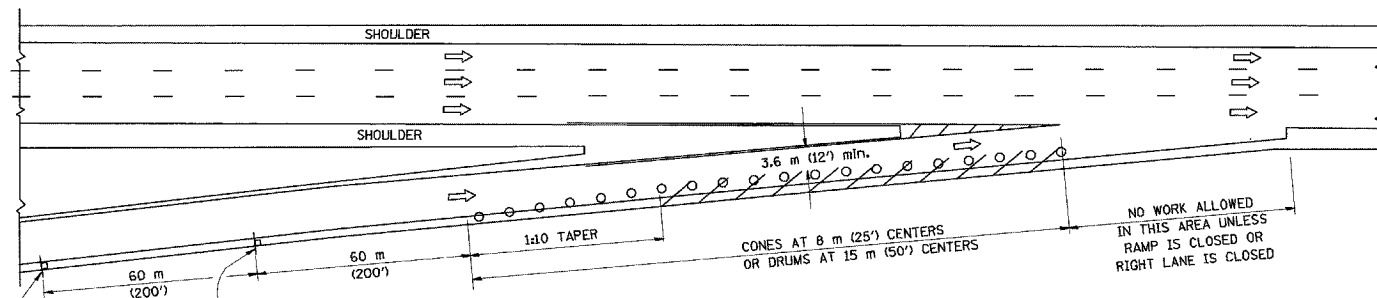
PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

SCALE: NONE
 DATE: 10/18/2002

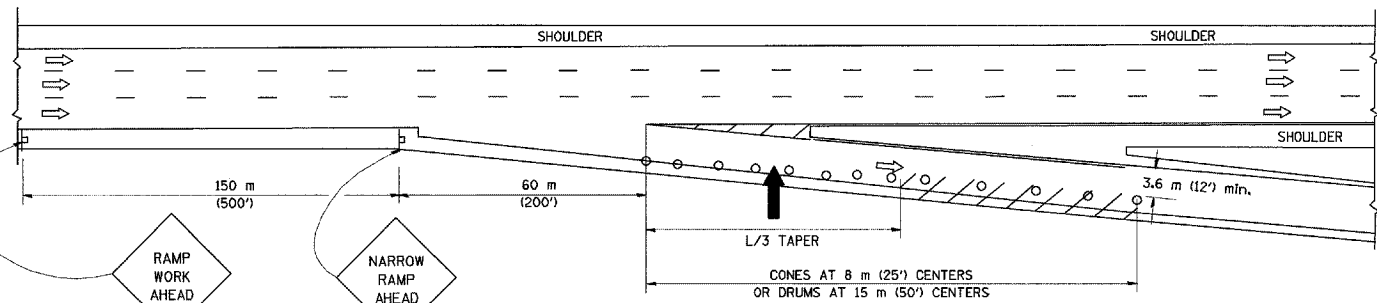
DRAWN BY: CADD
 CHECKED BY: TC-16
 REVISION DATE: 08/28/00

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	

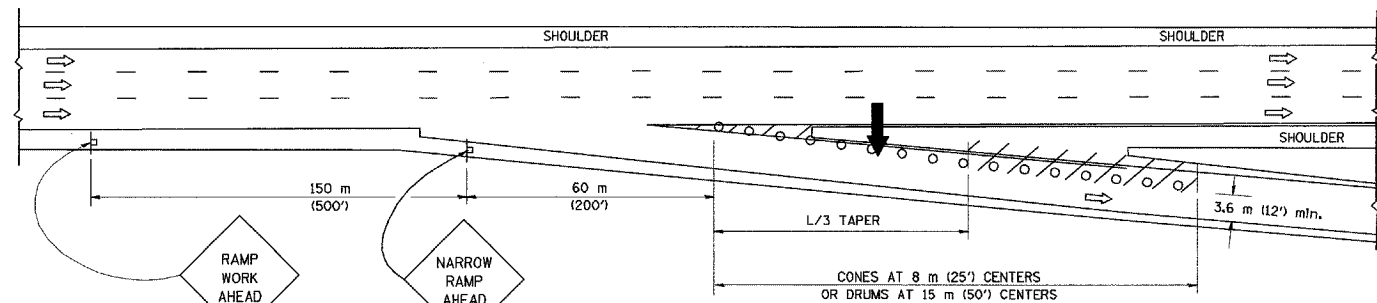
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

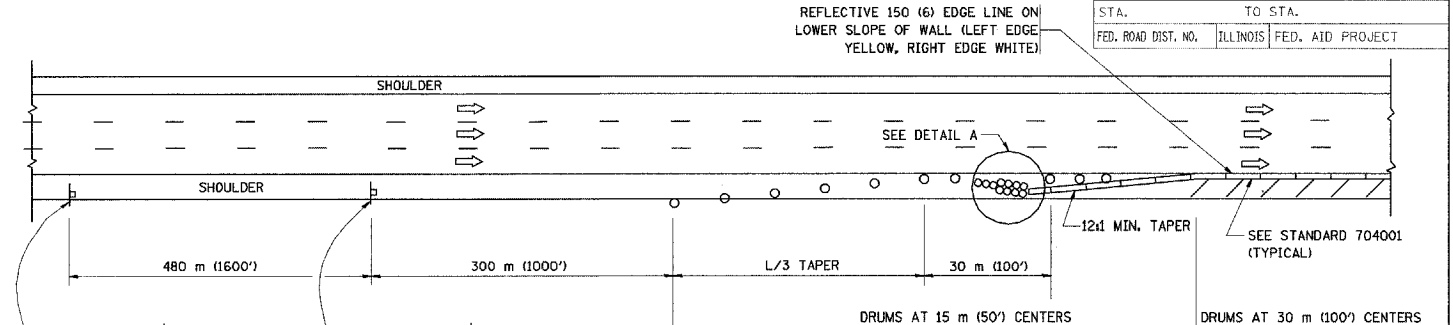
- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- CONES - 700 (28) IN HEIGHT

GENERAL NOTES

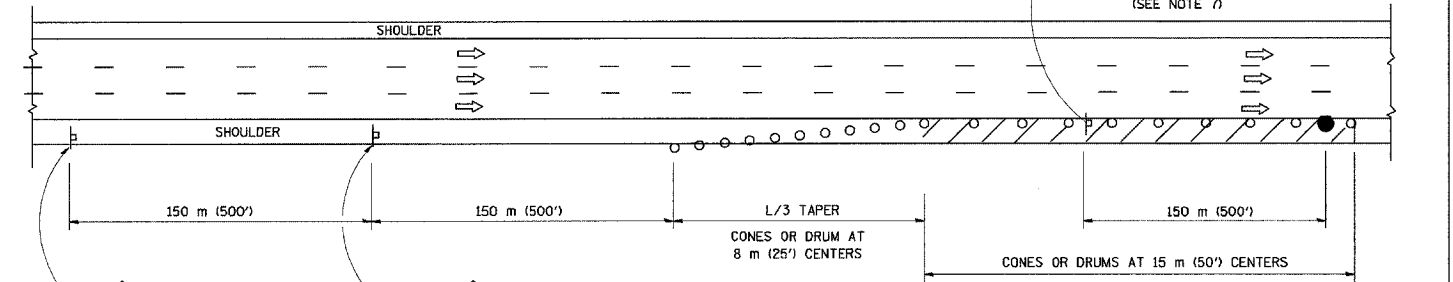
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
80 km/h (45 mph) OR GREATER:	METRIC: $L=0.65(W)(S)$
	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



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUSH IN AN AREA CLOSER THAN 4.5 m (15') TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.

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

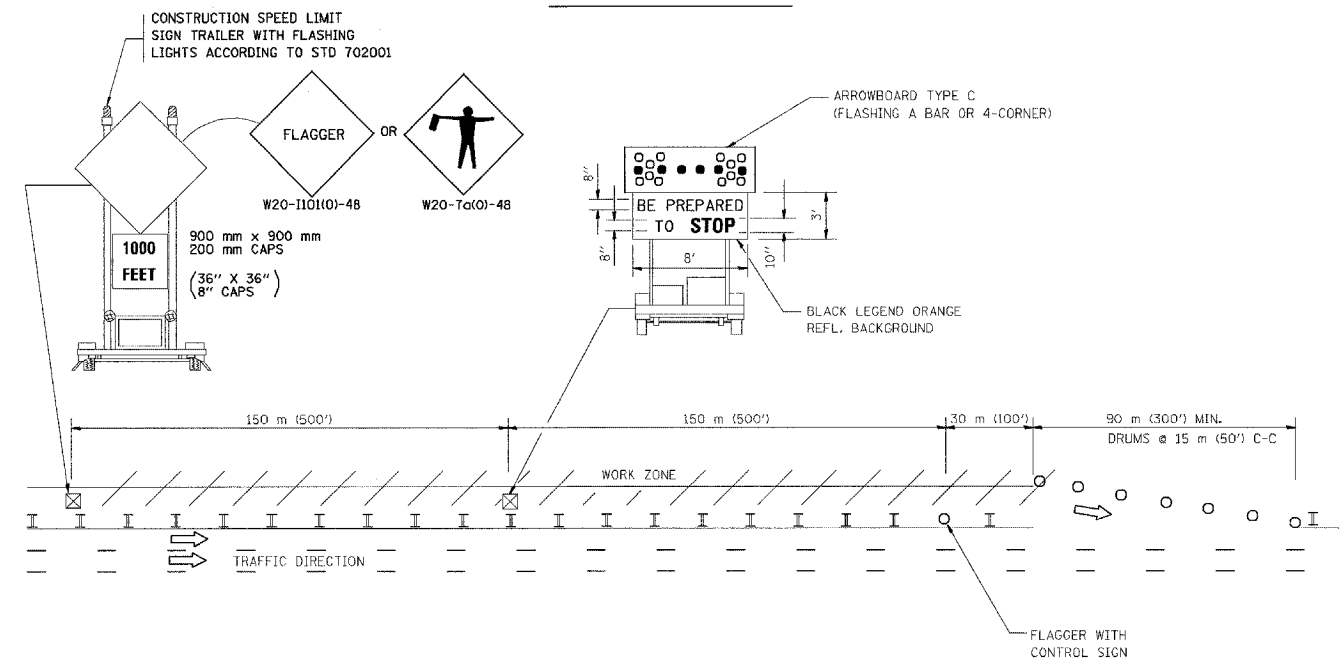
TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES

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

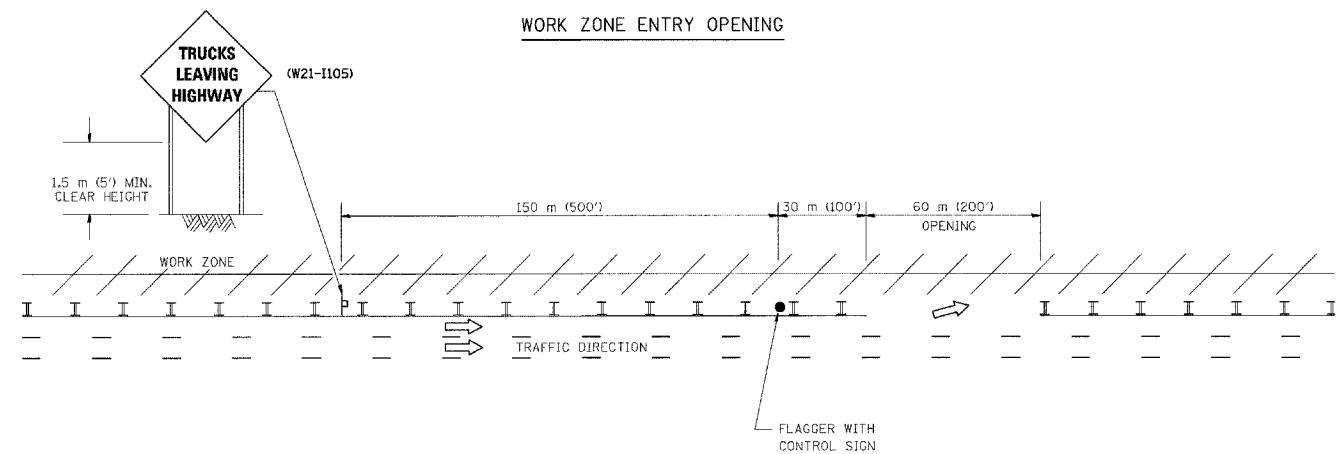
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			967	813
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

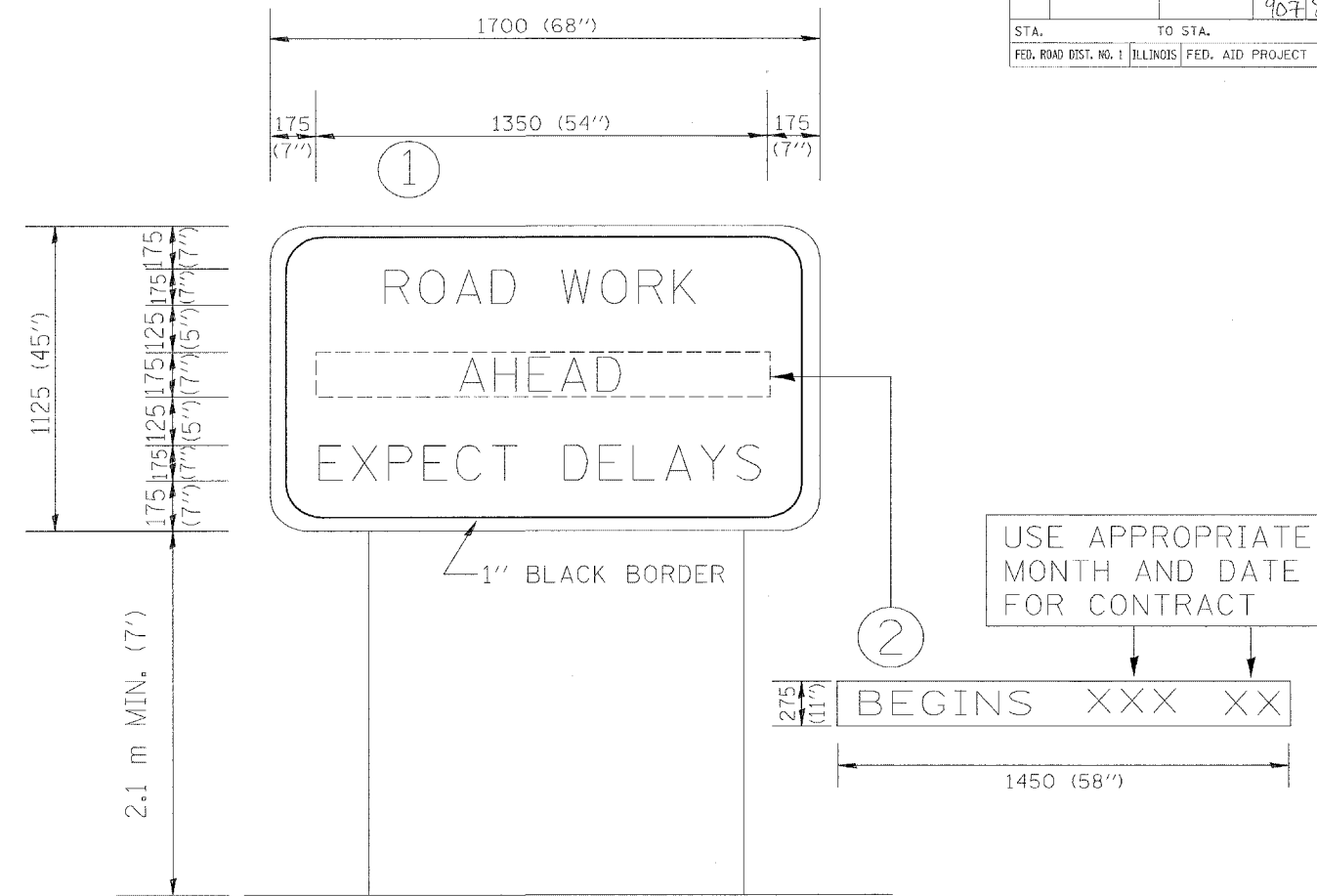
REVISIONS	
NAME	DATE
DWS	8/98
JAF	4/03

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

SCALE: NONE
DATE 05/06/2003

DRAWN BY CADD
CHECKED BY TC-18

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			907	814
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



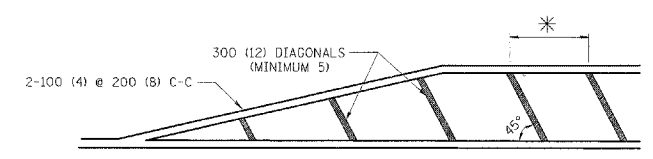
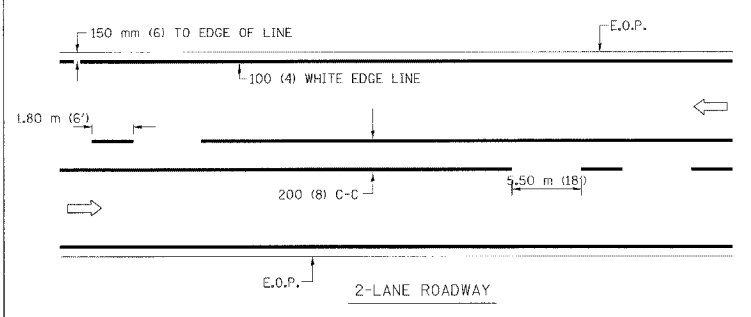
NOTES:

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.

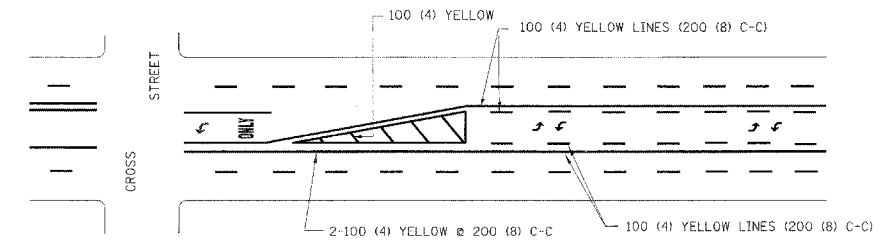
REVISIONS	
NAME	DATE
R. MIRS	9-15-97
R. MIRS	12-11-97
T. RAMMACHER	2-2-99

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY INFORMATION SIGNING
 SCALE: DATE 10/18/2002
 DRAWN BY: BUR. OF DESIGN
 CHECKED BY:
 TC22
 REVISION DATE: 02/02/99

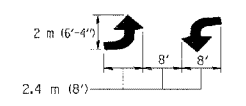


*FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
* DIAGONAL LINE SPACING: 6.1 m (20') C-C

PAINTED MEDIANS

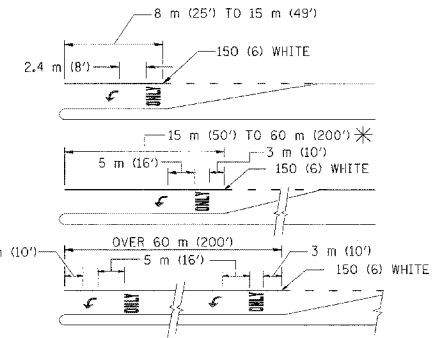
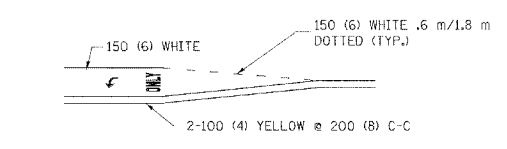


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 60 m (200') TO 90 m (300') INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

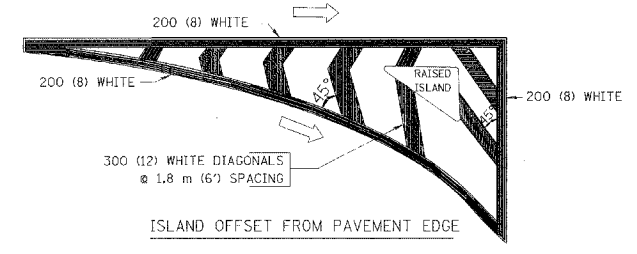
TYPICAL PAINTED MEDIAN MARKING



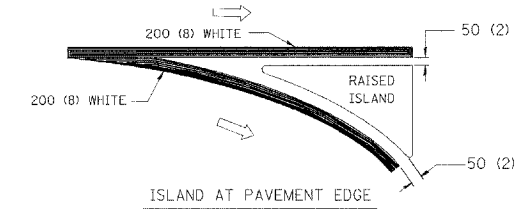
FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED.
AREA = 1.47 m² (15.8 SQ. FT.) ONLY AREA = 2.13 m² (22.9 SQ. FT.)
* TURN LANES IN EXCESS OF 120 m (400') IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



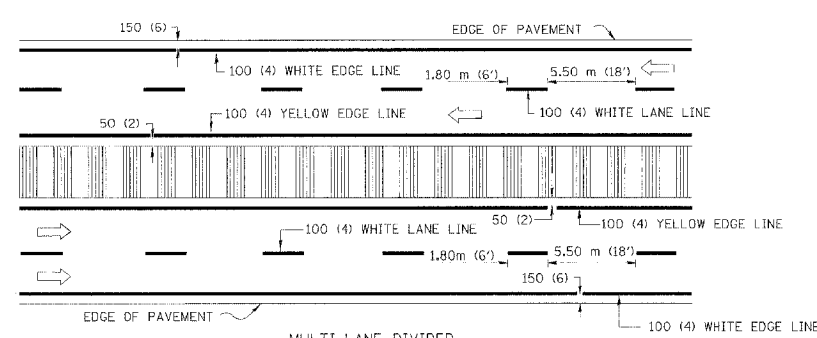
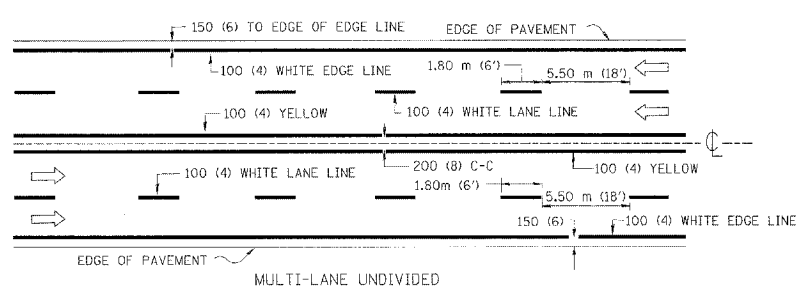
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

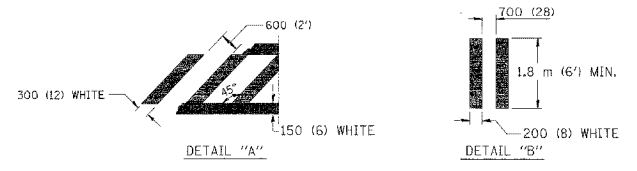
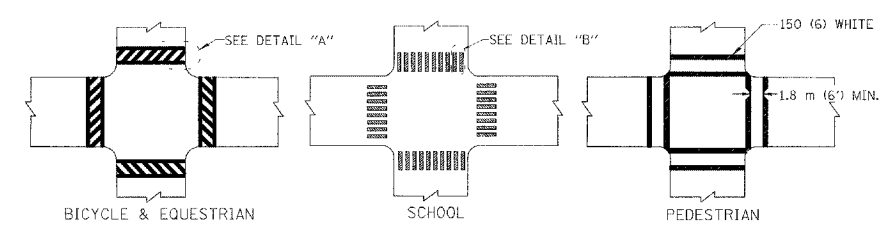
TYPICAL ISLAND MARKING

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
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 100 (4)	SOLID	YELLOW	200 (8) C-C
LANE LINES	100 (4) 125 (5) ON FREEWAYS	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	SKIP-DASH AND SOLID	YELLOW	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
	2.4 m (8') LEFT ARROW	IN PAIRS	WHITE	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 ² (3.6 SQ. FT.) EACH "X"=5.0 m ² (54.0 SQ. FT.)



NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



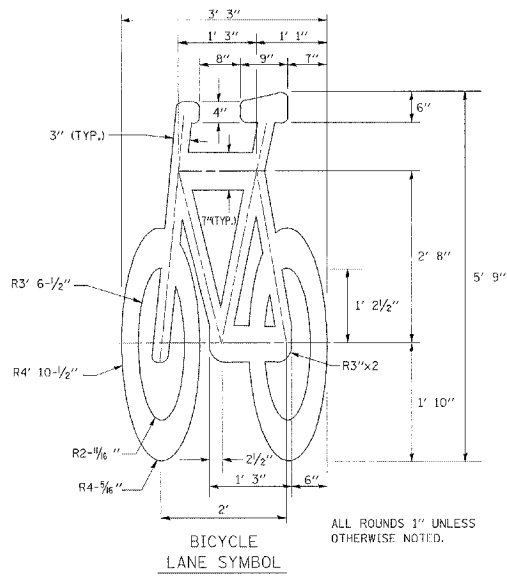
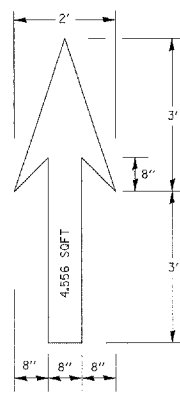
TYPICAL CROSSWALK MARKING

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

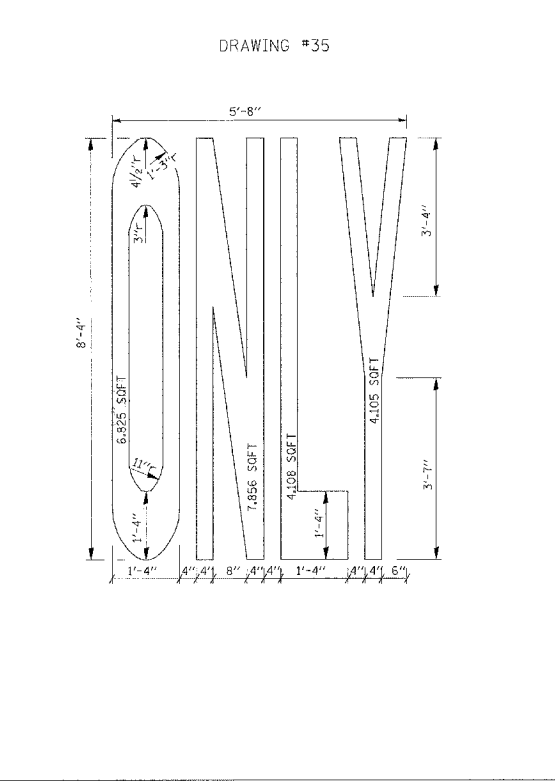
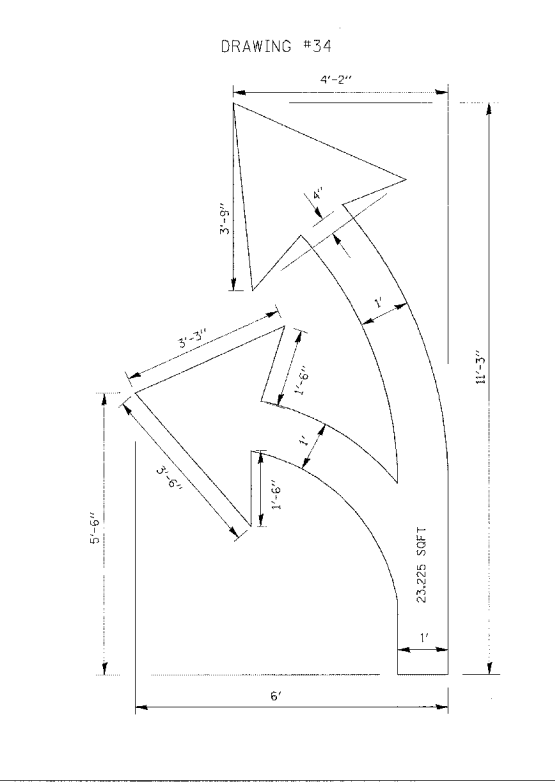
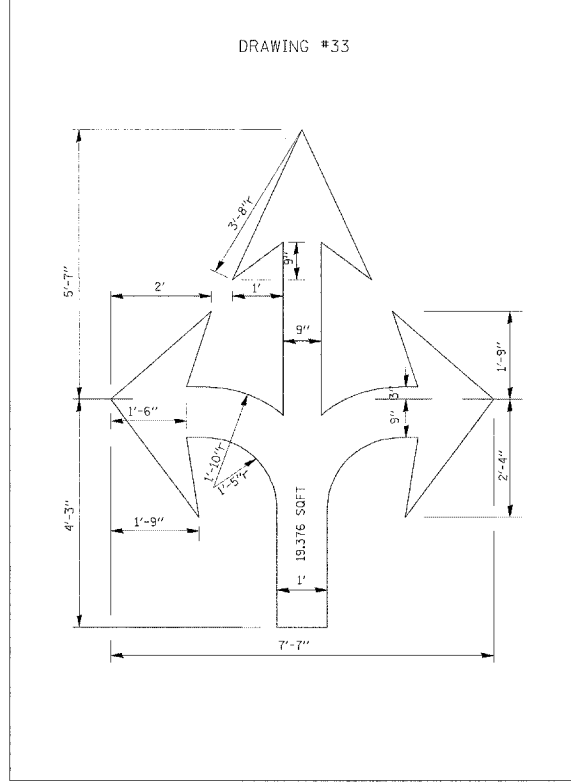
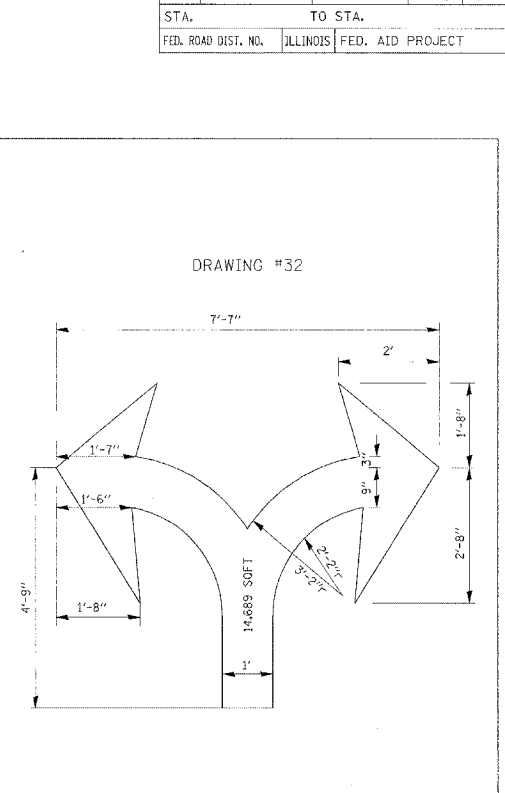
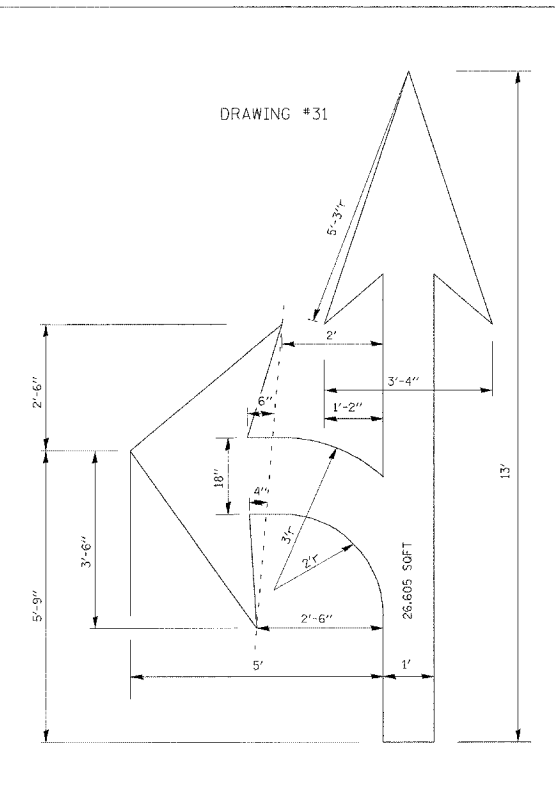
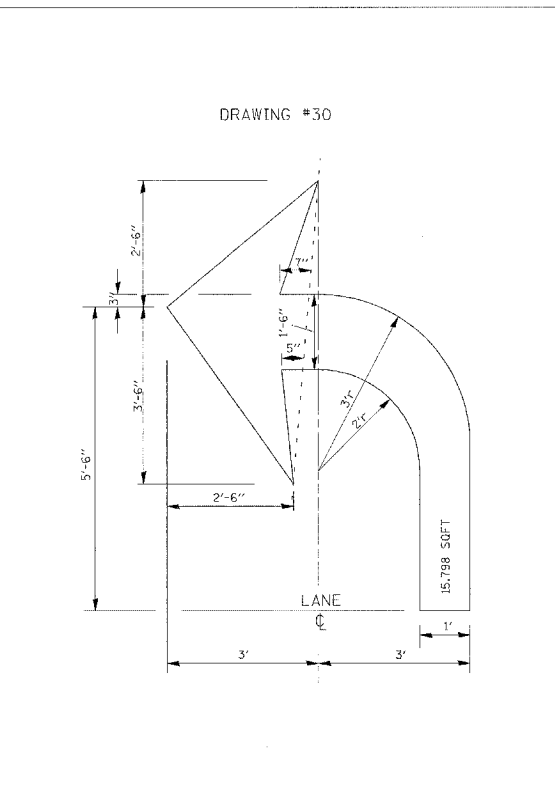
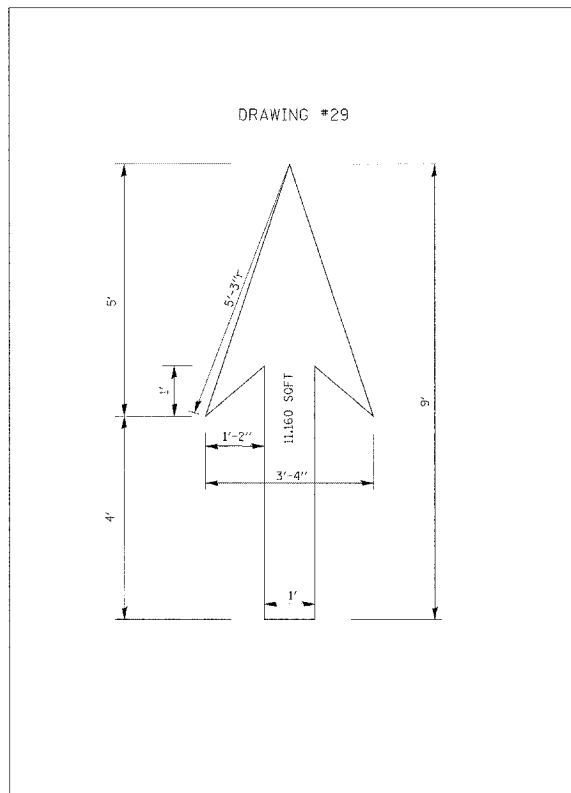
REVISIONS	
NAME	DATE
T. RAMMACHER	12/07/00

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



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

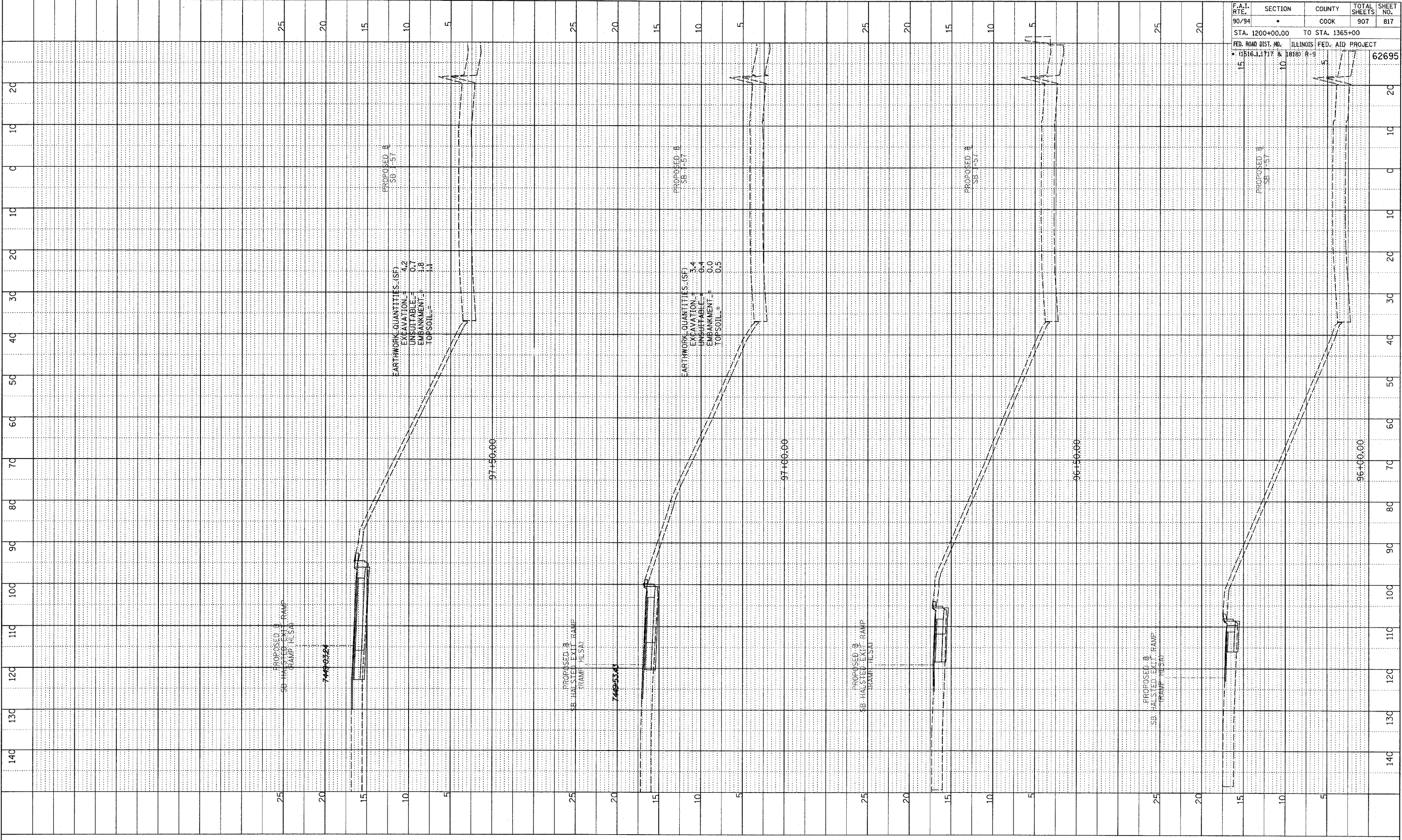
REVISIONS	
NAME	DATE
T. RAMMACHER	12/07/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CITY OF CHICAGO
 TYPICAL PAVEMENT MARKINGS.

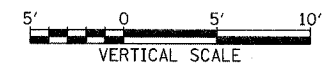
SCALE: NONE
 DATE 03/09/2004
 DRAWN BY
 CHECKED BY
 TC-24

PLOTTED: _____
 CHECKED: _____
 DATE: _____
 NO. _____
 STRUCTURE NOTATION: CHRD

F.A.I. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	817
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

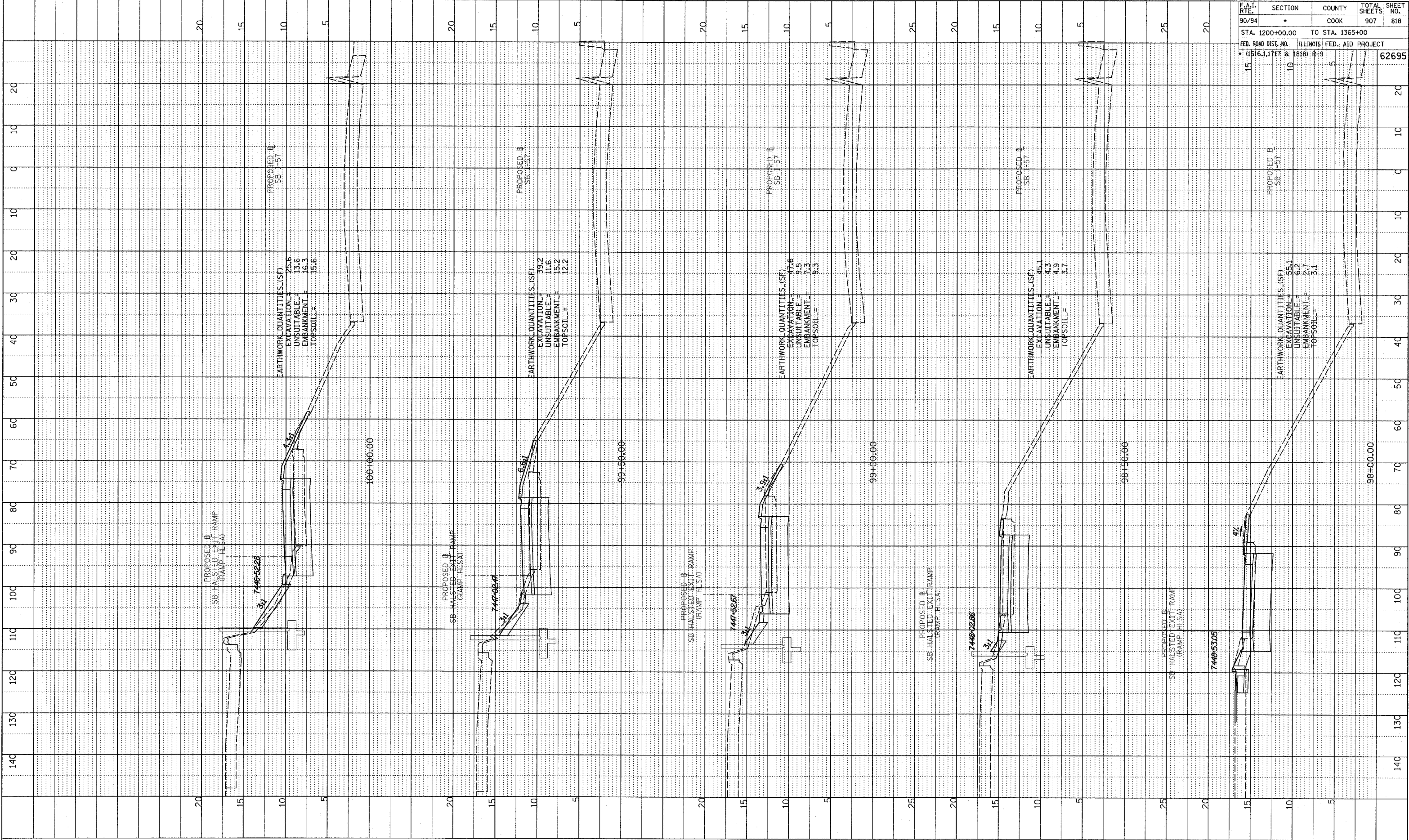


SB HALSTED ST. EXIT RAMP
 STA. 96+00 TO STA. 97+50

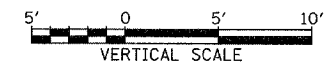
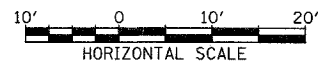
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PLOTTED, CHECKED
 DATE NOTED
 NO. _____
 STRUCTURE NOTATION: CRD

F.A.T. RTE. 90/94	SECTION *	COUNTY COOK	TOTAL SHEETS 907	SHEET NO. 818
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-9		ILLINOIS FED. AID PROJECT		62695



TYLIN INTERNATIONAL

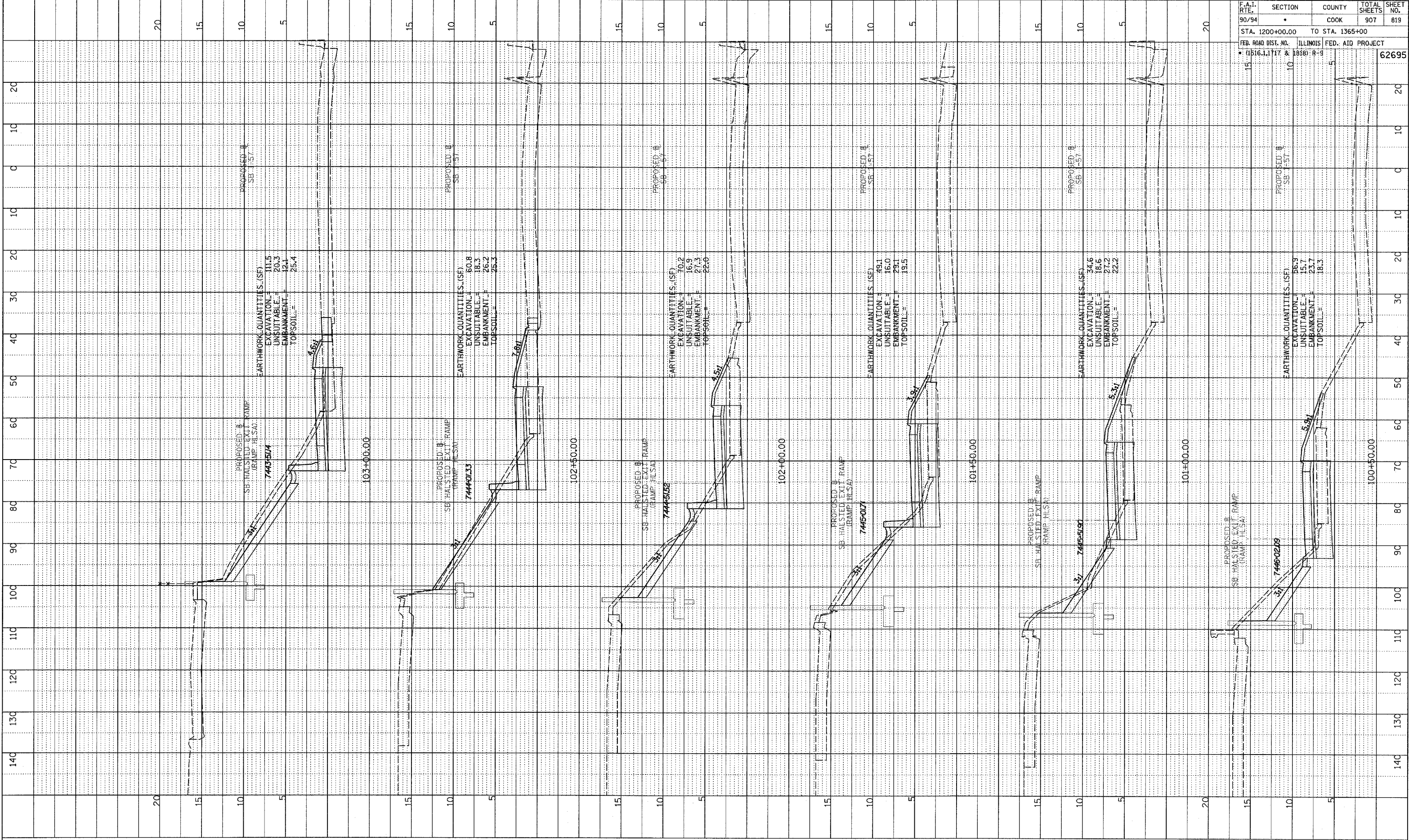


SB HALSTED ST. EXIT RAMP
STA. 98+00 TO STA. 100+00

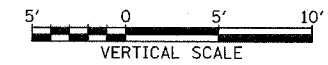
PA02373\road\c7\bgnk\Tbss\hisa_f.dgn

NOTE BOOK
 PLOTTED/RECORDED
 BY: [blank]
 STRUCTURE NOTATION: CRD

F.A.T. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 907	SHEET NO. 819
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO. • (1516.1, 1717 & 1818) R-9		ILLINOIS FED. AID PROJECT		62695



TYLIN INTERNATIONAL

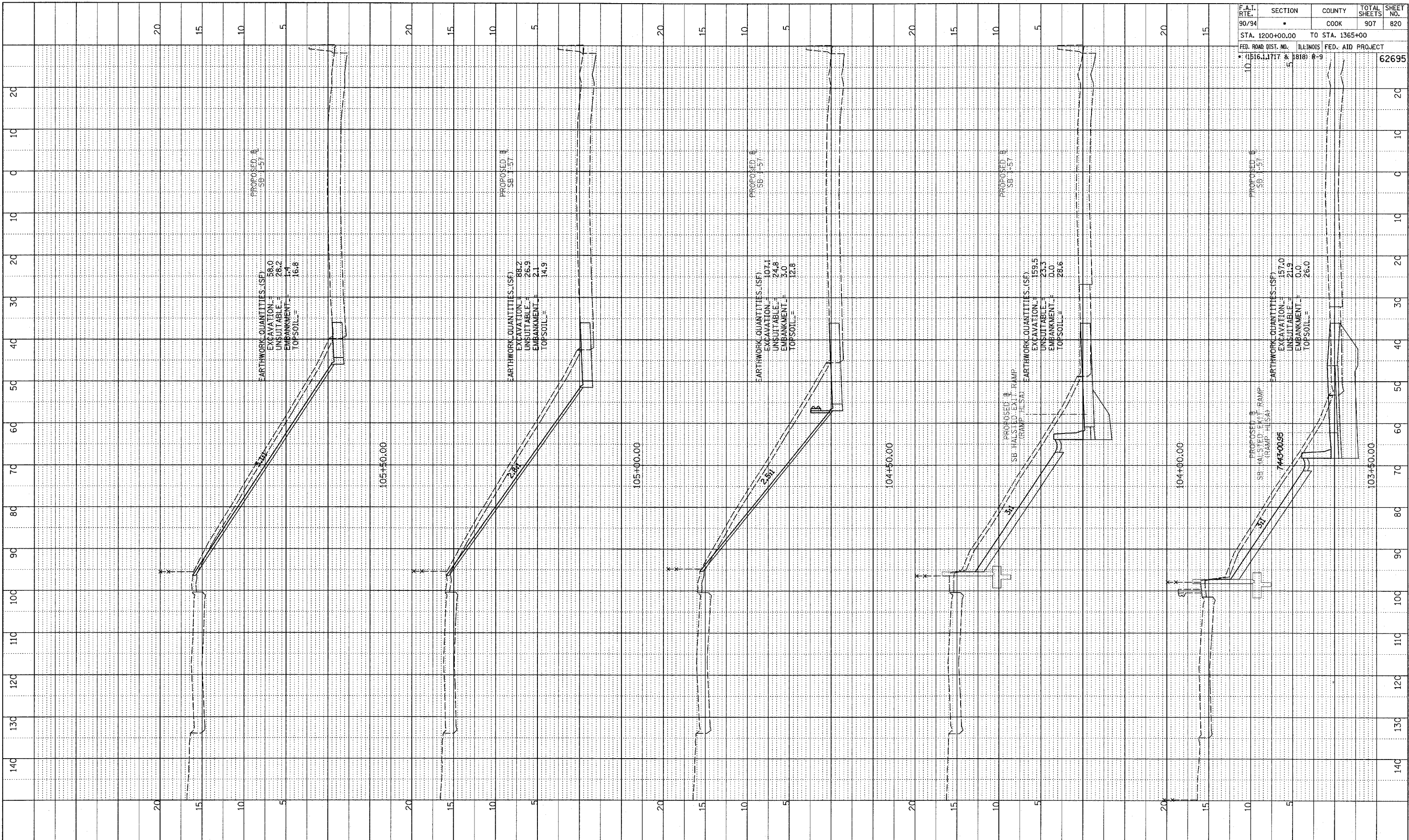


SB HALSTED ST. EXIT RAMP
 STA. 100+50 TO STA. 103+00

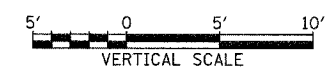
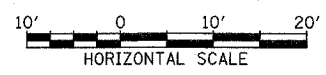
P:\0231\Road\07\bigak7\Bss\Hisa_T.dgn

NOTE BOOK
 NO. _____
 PLOTTED, CHECKED
 DRAWN, NOTED
 STRUCTURE NOTATIONS CHECKED

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	820
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 11516.1, 1717 & 1818 R-9		62695		



TYLIN INTERNATIONAL

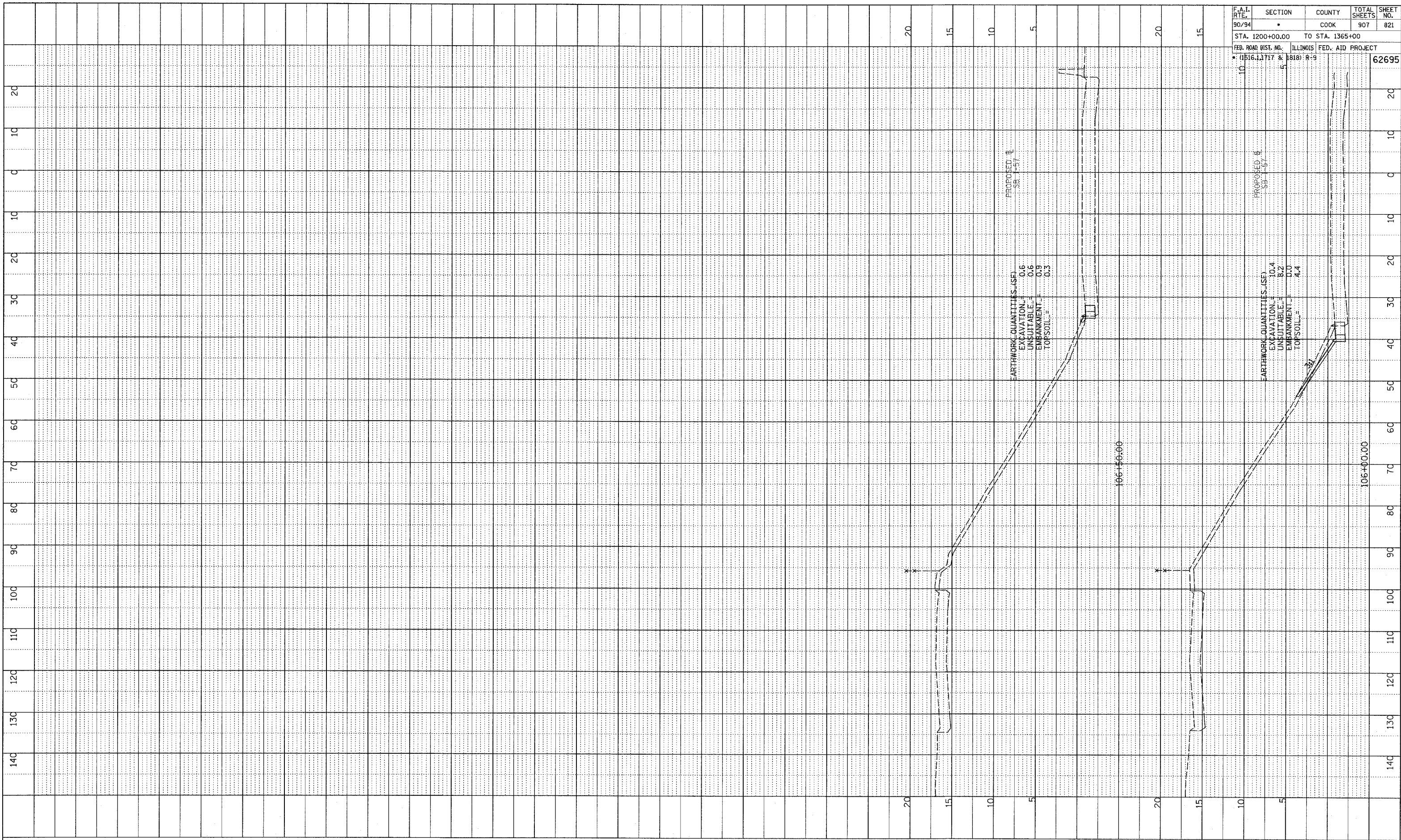


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 STA. 103+50 TO STA. 105+50

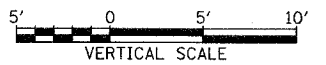
PA02373 road.ctb D:\proj\7\boxes\hlsa_f.dgn

PLOTTED
 CHECKED
 NO. _____
 STRUCTURE NOTATION CHRG

F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 907	SHEET NO. 821
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FEB. ROAD DIST. NO. • (1516.1, 1717 & 1818) R-9		62695		



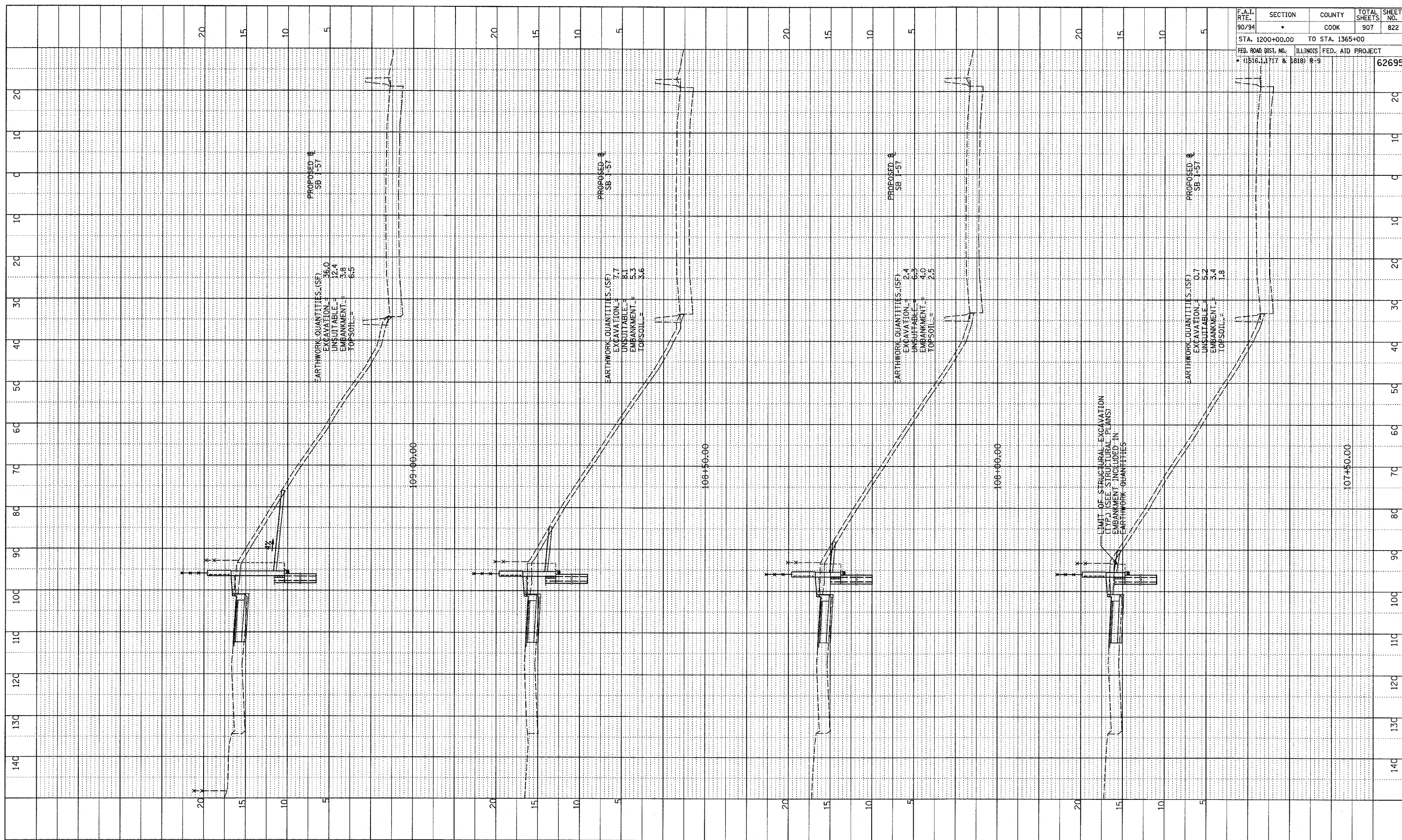
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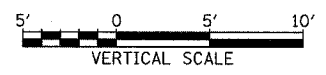
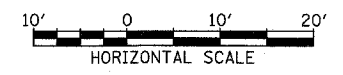
SB HALSTED ST. EXIT RAMP
STA. 106+00 TO STA. 106+50

PROFILE DRAWING
 GRADES CHECKED
 STRUTTURE NOTATIONS CHECKED
 NO. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	822
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		R-9		62695



TYLIN INTERNATIONAL

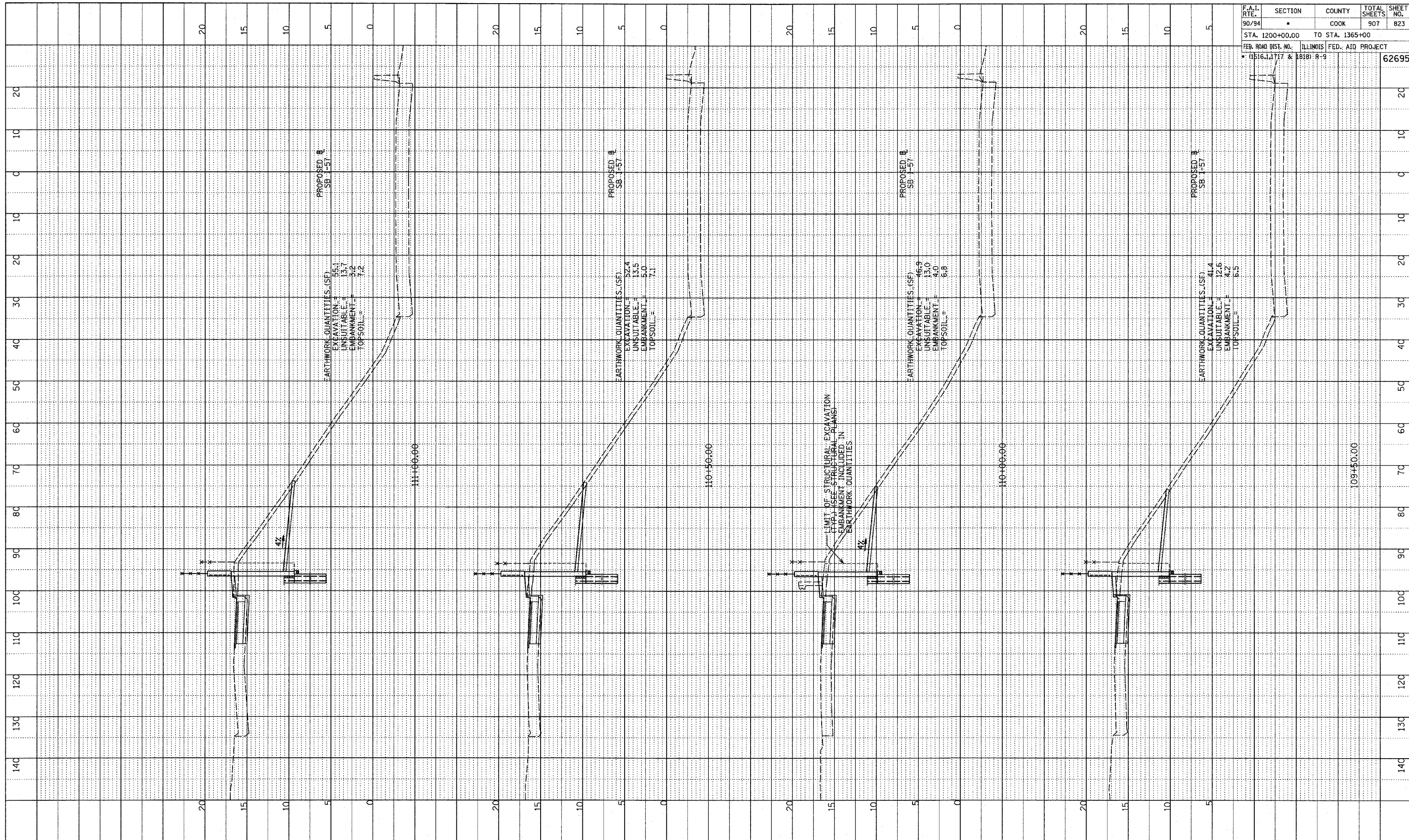


RETAINING WALL #67
 STA. 107+50 TO STA. 109+00

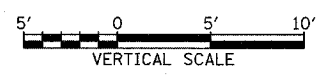
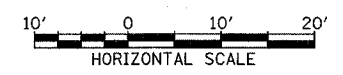
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PROFILE PLOTTED
 GRADES CHECKED
 STRUCTURE NOTATIONS OK'D
 NO.

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	823
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (1516-1.1717 & 1818) R-9				62695



TYLIN INTERNATIONAL

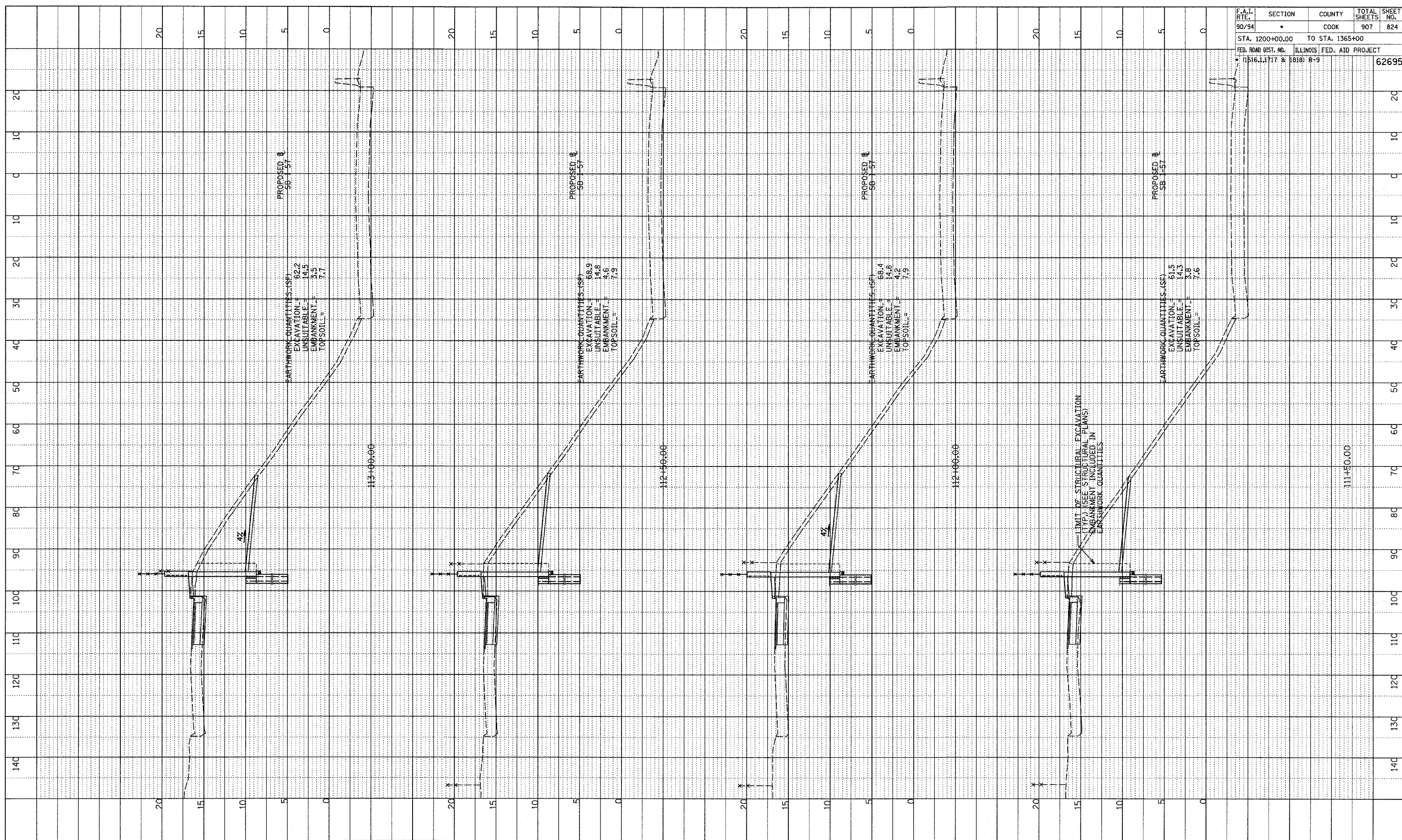


RETAINING WALL #67
 STA. 109+50 TO STA. 111+00

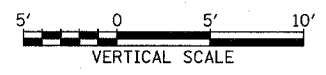
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PROFILE PLOTTED
 GRADES CHECKED
 STRUCTURE NOTATION OK

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	824
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-9				62695

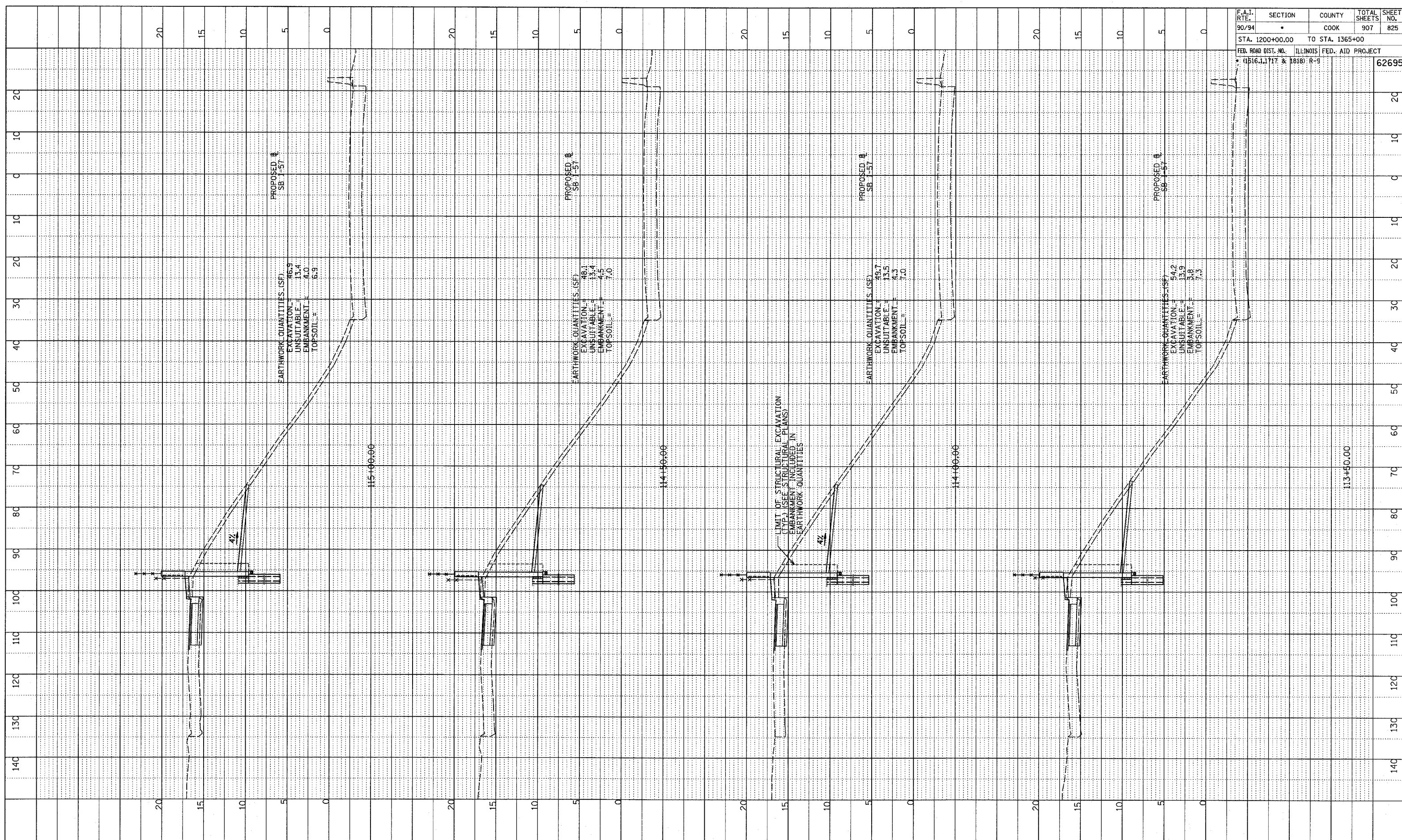


TYLIN INTERNATIONAL



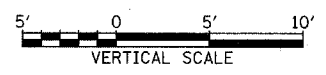
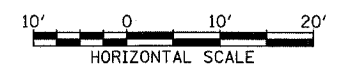
RETAINING WALL #67
 STA. 111+50 TO STA. 113+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	825
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-9				62695



PROFILE PLOTTED
 GRADES CHECKED
 STRUCTURE NOTATION OK'D
 NO.

TYLIN INTERNATIONAL

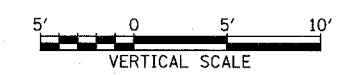
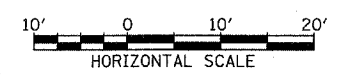
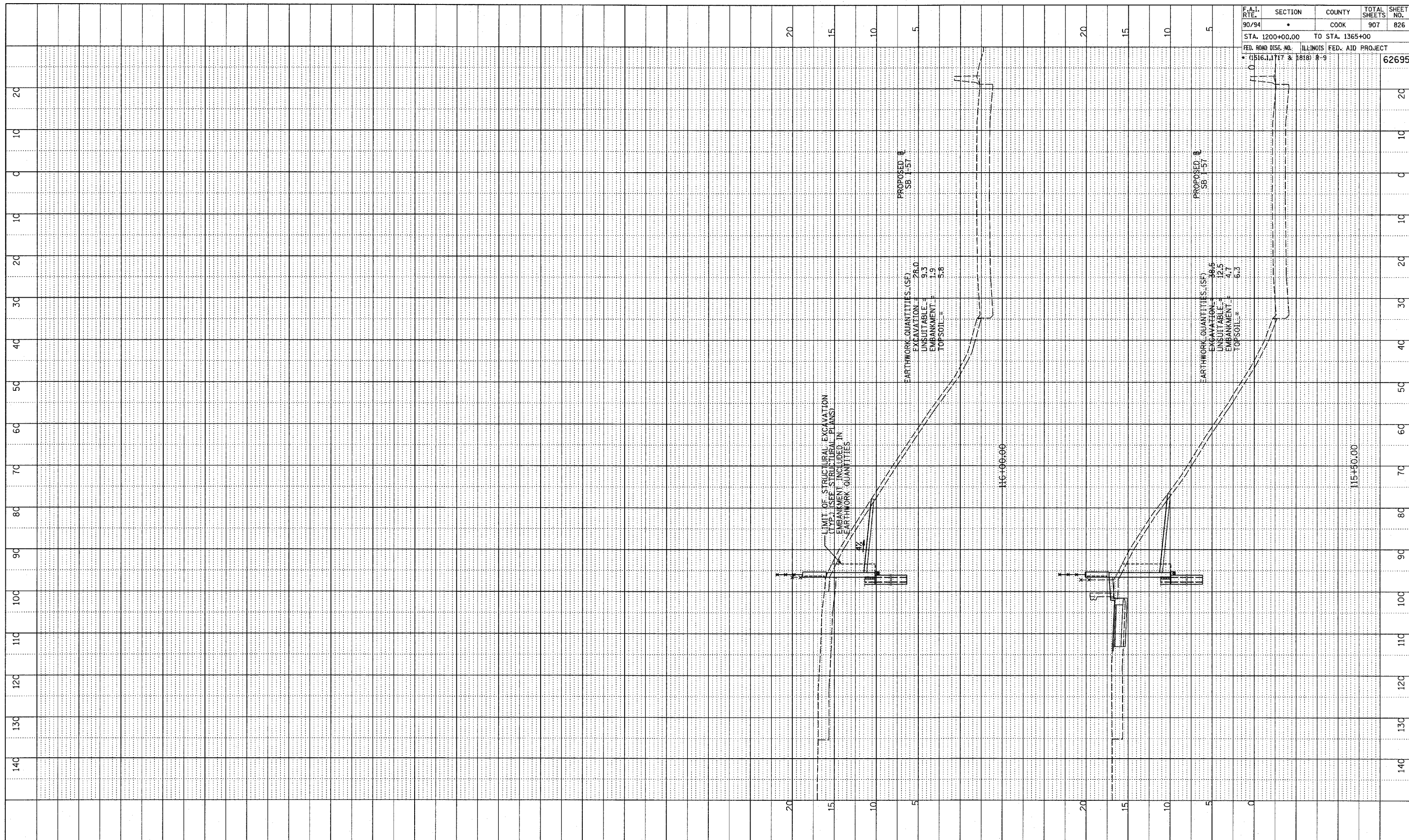


RETAINING WALL #67
 STA. 113+50 TO STA. 115+00

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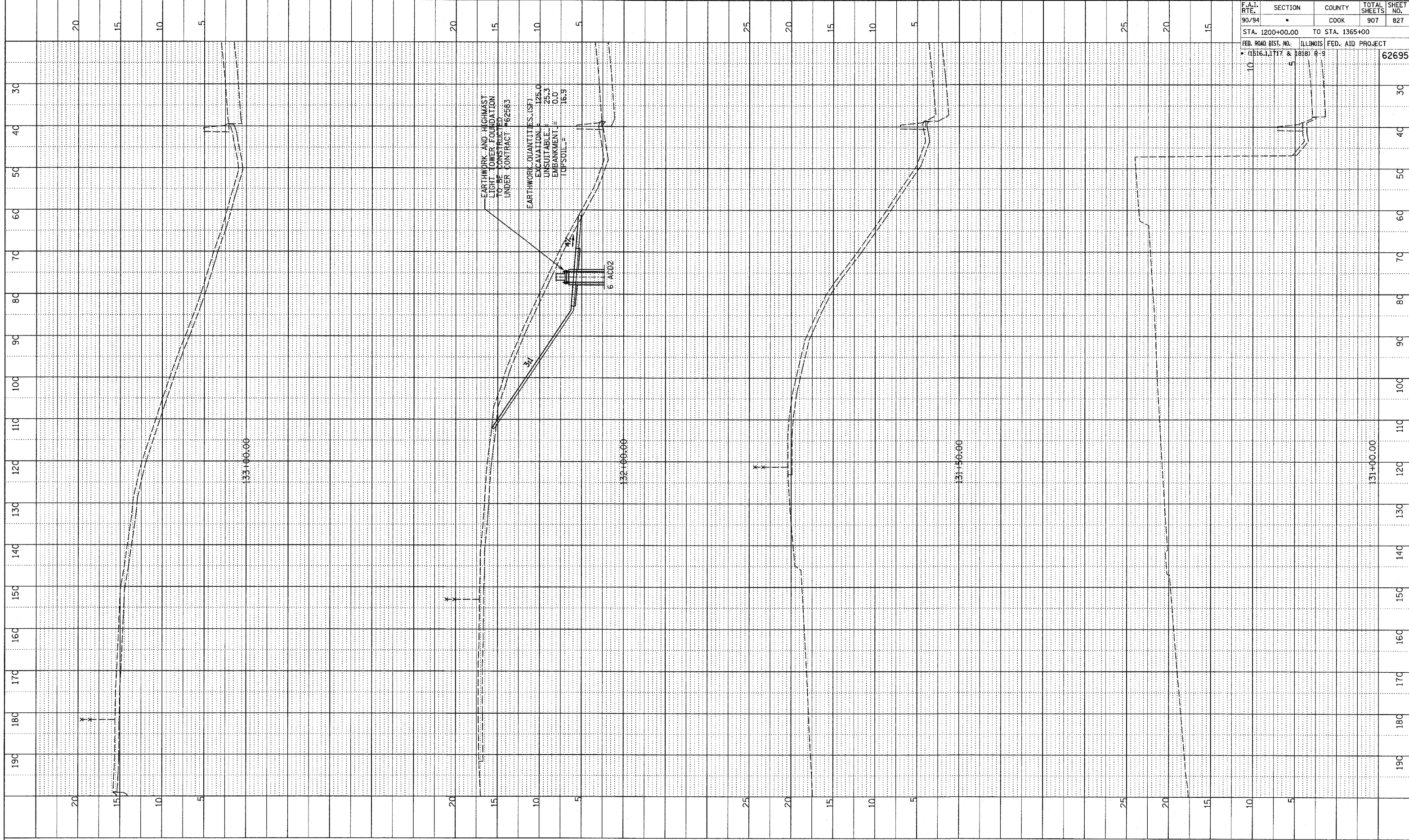
PROFILE PLOTTED
 GRADES CHECKED
 STRUCTURE NOTATIONS OK'D
 NO.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	826
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-9		62695		

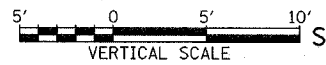
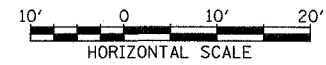


NOT ALL
 PLOTTED
 NOTE BOOK
 GRADES CHECKED
 STRUCTURE
 STATUS CHKG
 NO.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	827
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

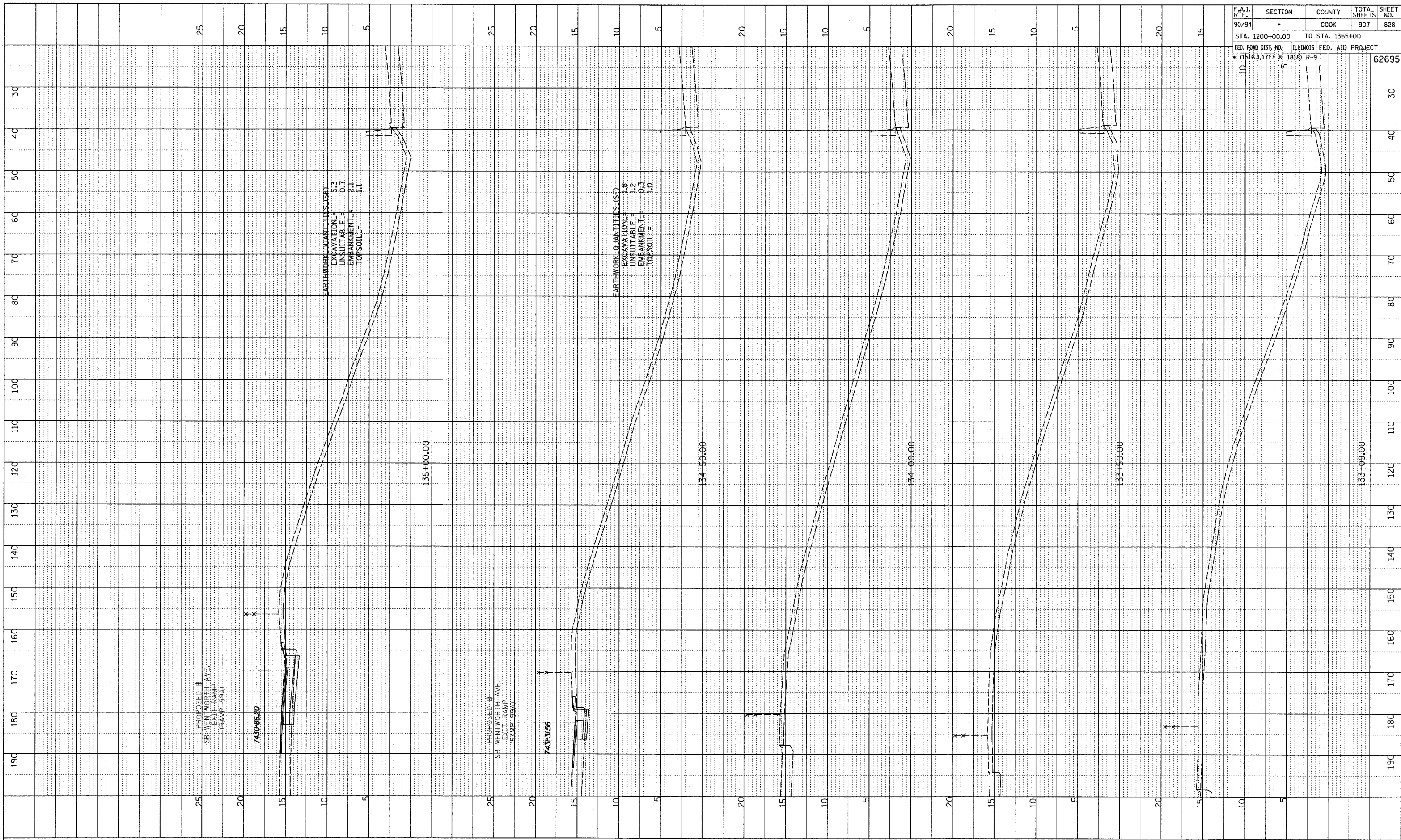


SB WENTWORTH AVENUE EXIT RAMP
 STA. 131+00 TO STA. 133+00

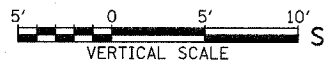
DATE: 3/1/94 BY: JAG/TK/MS/94/F 797

PLOTTED
 GRADES CHECKED
 STRUCTURE NOTATIONS OK'D
 NO. _____

F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 907	SHEET NO. 828
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (1516, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

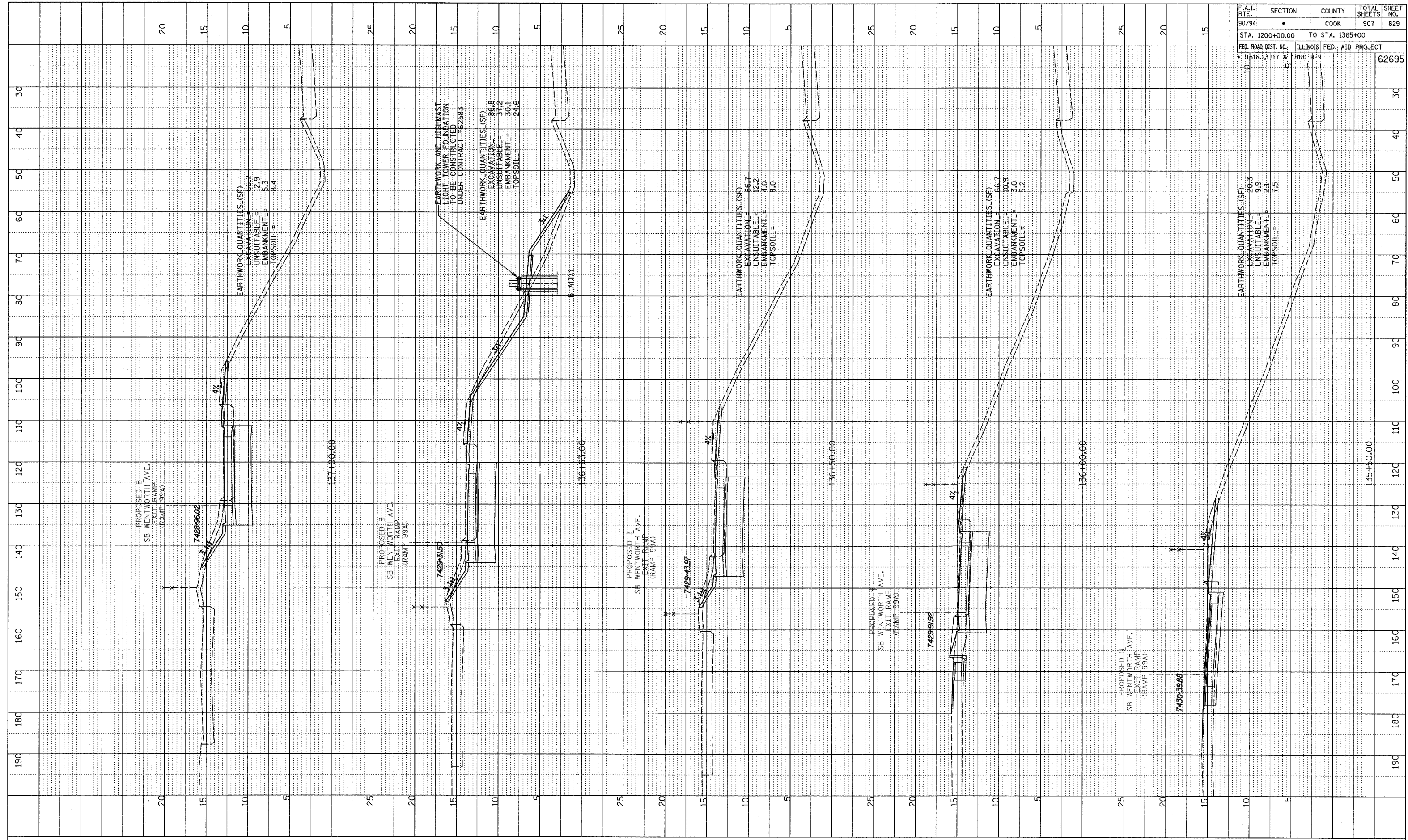


SB WENTWORTH AVENUE EXIT RAMP
STA. 133+09 TO STA. 135+00

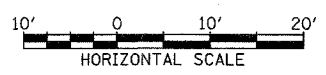
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NOTE BOOK
NO. _____
PLOTTED/ CHECKED
DATE NOTED
STRUCTURE NOTATIONS DRWD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	829
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		62695
• 11516.1, 1717	• 1818: R-9			



TYLIN INTERNATIONAL

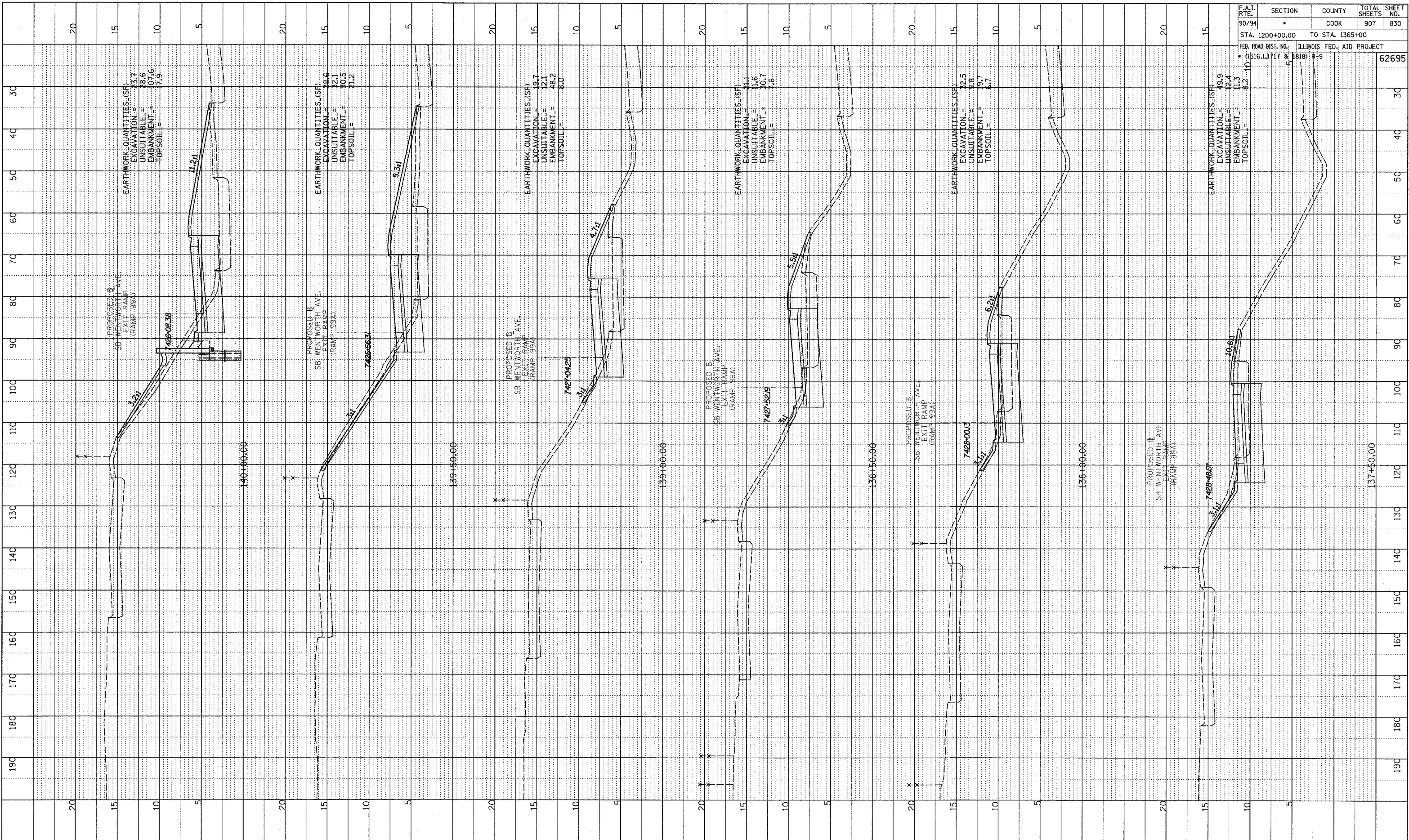


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STA. 135+50 TO STA. 137+00

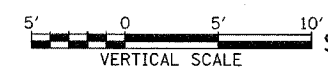
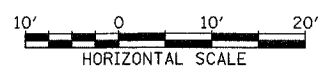
PA:02313road/1/1818/1/1818:R-9.dgn

NOTE BOOK
NO. _____
PLotted, checked, and noted
STRUCTURE NOTATION: CHRD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	830
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* 1516.1, 1717 & 1818: R-9				
				62695



TYLIN INTERNATIONAL

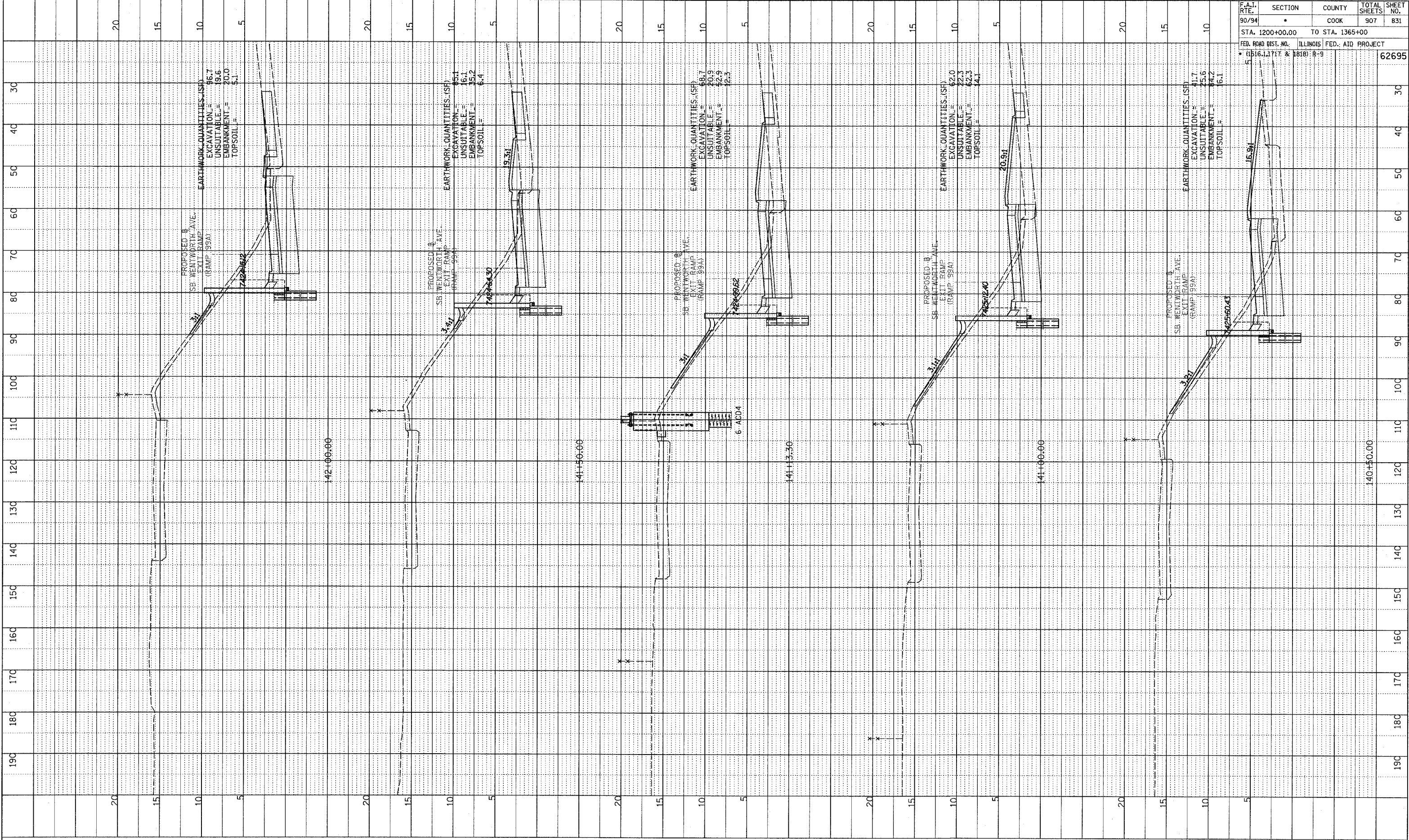


SB WENTWORTH AVENUE EXIT RAMP
STA. 137+50 TO STA. 140+00

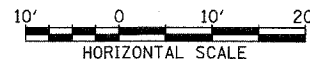
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NOTE BOOK
 NO. _____
 PLOTTED, CHECKED
 DRAWN, NOTED
 STRUCTURE NOTATIONS CHFD

F.A.T. RTE. 90/94	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	907	831
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

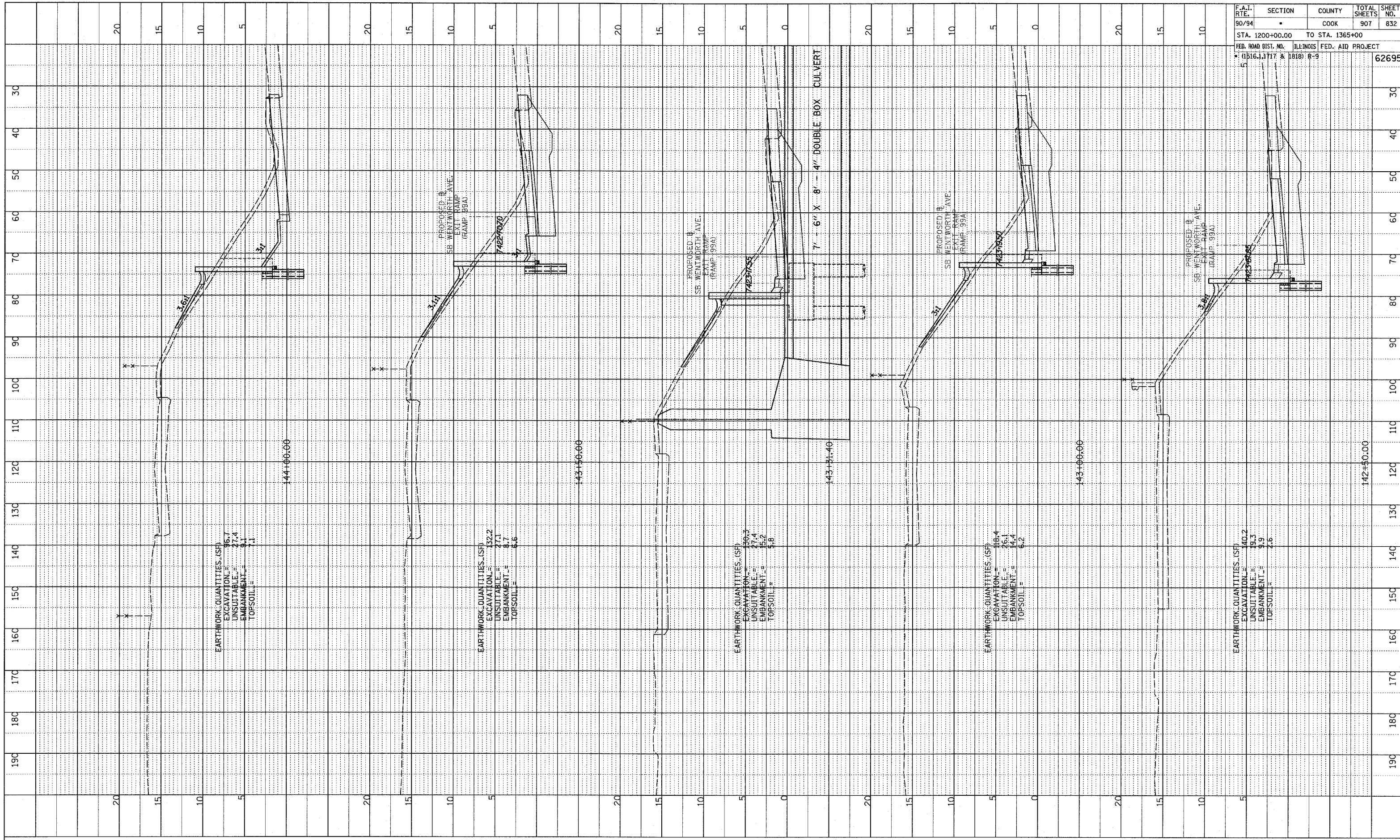


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 STA. 140+50 TO STA. 142+00

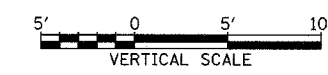
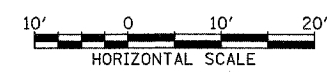
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NOTE BOOK
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 STRUCTURE NOTATION CHNG
 NO. _____
 REVISED 05/06/05

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	832
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-9		62695		



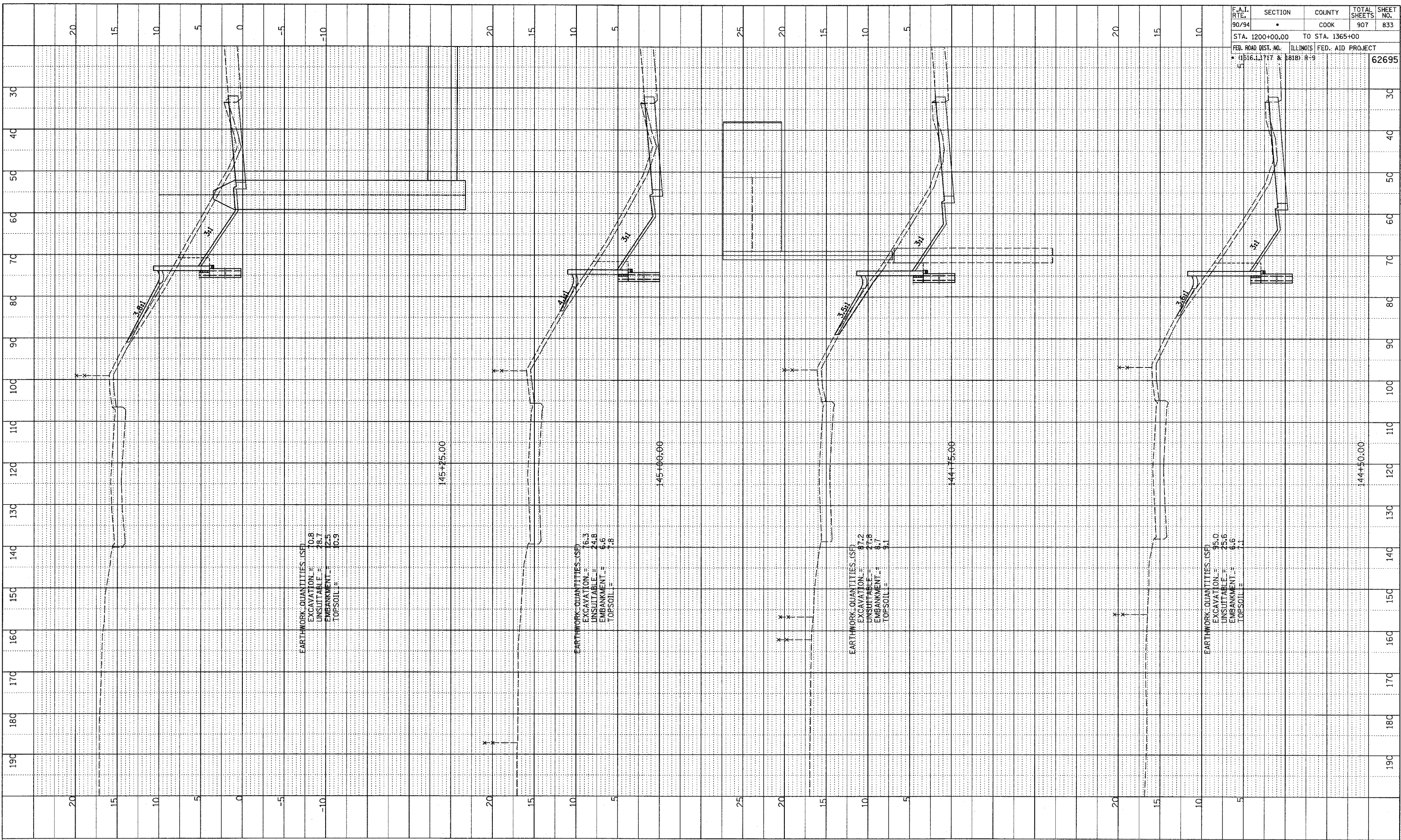
TYLIN INTERNATIONAL



SB WENTWORTH AVENUE EXIT RAMP
 STA. 142+50 TO STA. 144+00

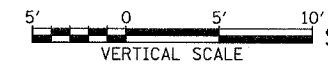
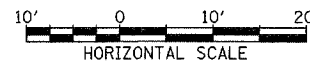
P:\02373\Road\07\Drawn\7\Exss\99A-F.dgn

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	833
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-9		62695		



NOTE BOOK NO. _____
 PLOTTED, CHECKED, BY _____
 DATE _____
 STRUCTURE NOTATION: CIRCO

TYLIN INTERNATIONAL

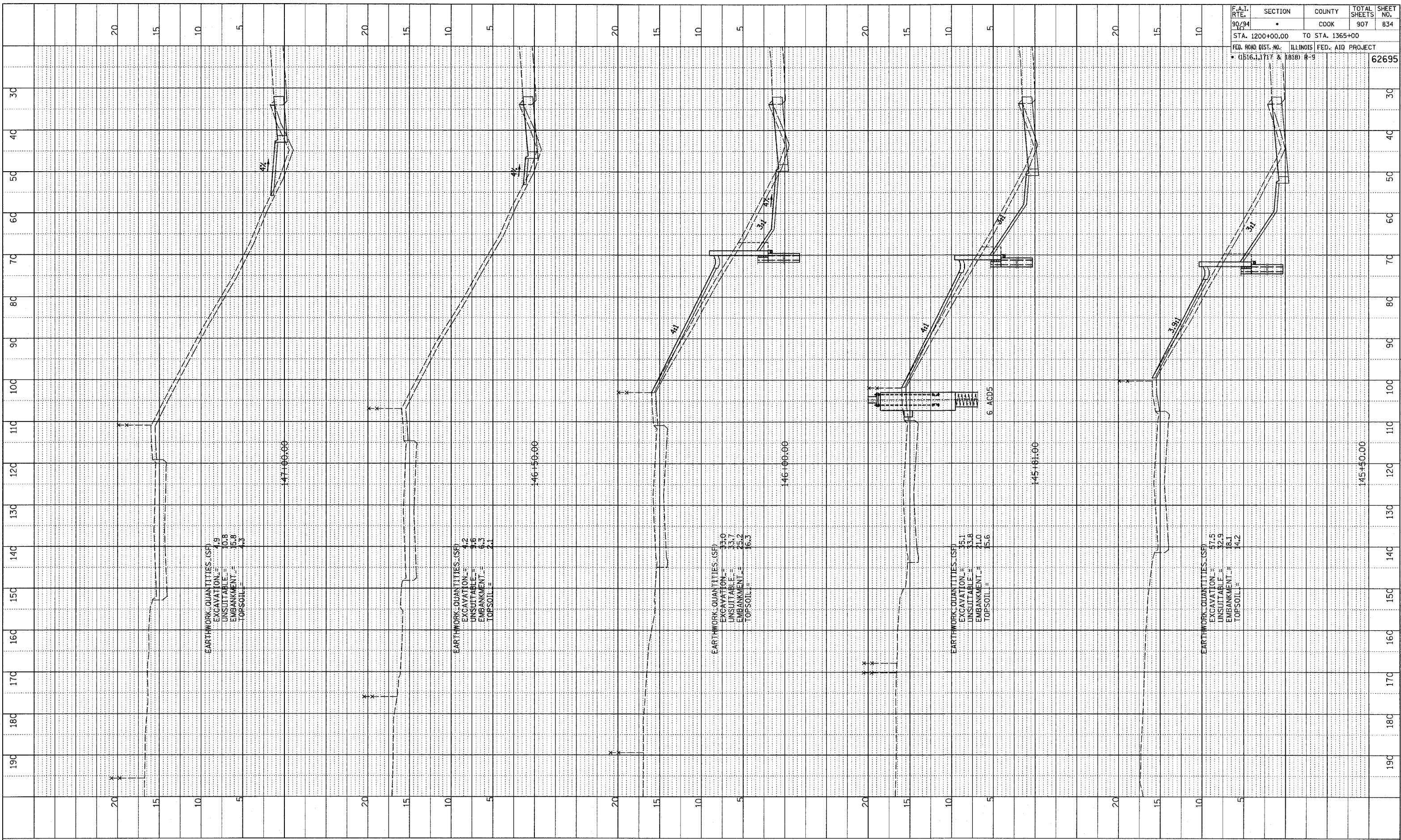


SB WENTWORTH AVENUE EXIT RAMP
 STA. 144+50 TO STA. 145+25

PA-02-37-3road.dwg/1818/1818.r-9a.f.dgn

PLOTTED PERFORMED
 CHECKED
 NO. _____
 STRUCTURE NOTATION CIPRO

F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 907	SHEET NO. 834
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-9		62695		



EARTHWORK QUANTITIES (SF)
 EXCAVATION = 4.9
 UNSUITABLE = 0.8
 EMBANKMENT = 15.8
 TOPSOIL = 4.3

EARTHWORK QUANTITIES (SF)
 EXCAVATION = 4.2
 UNSUITABLE = 0.6
 EMBANKMENT = 6.3
 TOPSOIL = 2.1

EARTHWORK QUANTITIES (SF)
 EXCAVATION = 3.0
 UNSUITABLE = 3.7
 EMBANKMENT = 23.2
 TOPSOIL = 16.3

EARTHWORK QUANTITIES (SF)
 EXCAVATION = 35.1
 UNSUITABLE = 33.8
 EMBANKMENT = 21.0
 TOPSOIL = 15.6

EARTHWORK QUANTITIES (SF)
 EXCAVATION = 47.5
 UNSUITABLE = 32.9
 EMBANKMENT = 18.1
 TOPSOIL = 14.2

TYLIN INTERNATIONAL

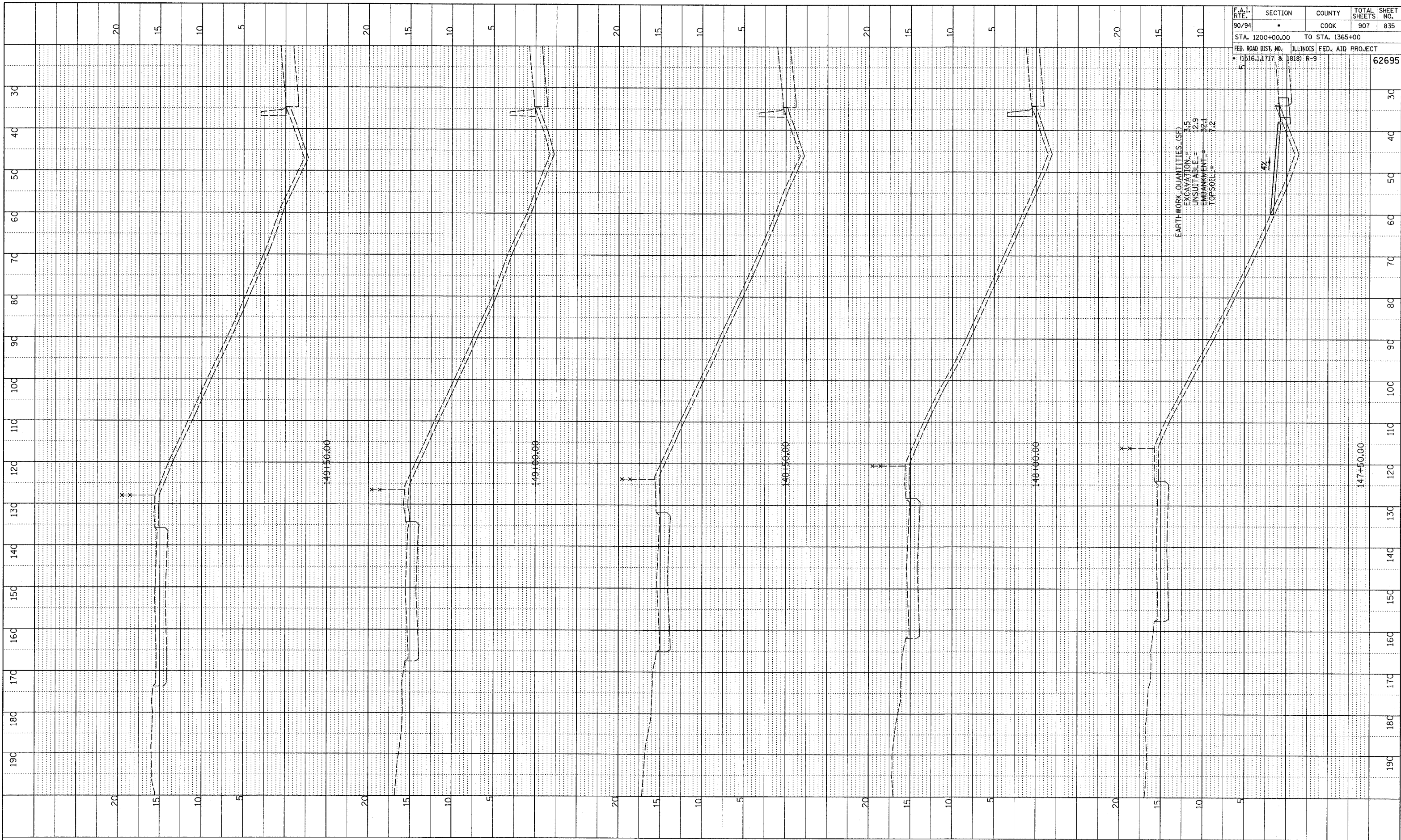


SB WENTWORTH AVENUE EXIT RAMP
 STA. 145+50 TO STA. 147+00

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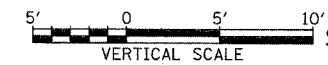
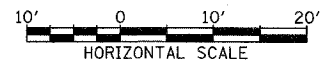
PLOTTED
 PLANS CHECKED
 STRUCTURE NOTATIONS CHRD
 NO.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	835
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 01616.11717 & 1818 R-9		62695		



EARTHWORK QUANTITIES (SF)
 EXCAVATION = 3.5
 UNSUITABLE = 2.9
 EMBANKMENT = 12.1
 TOPSOIL = 7.2

TYLIN INTERNATIONAL

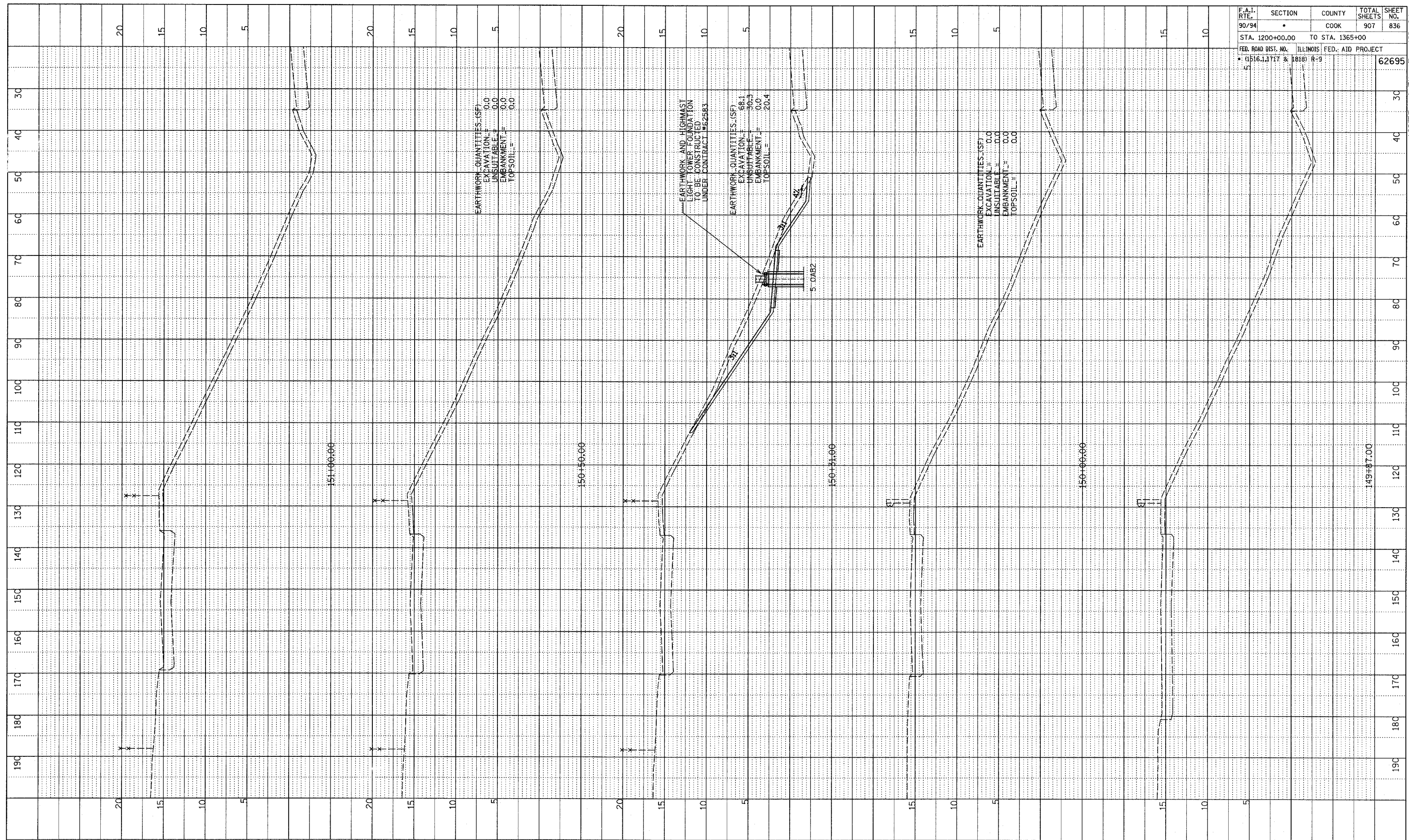


SB WENTWORTH AVENUE EXIT RAMP
STA. 147+50 TO STA. 149+50

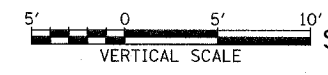
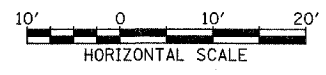
P:\0231\road\c1\bg\kkt\hass\99a_1.dgn

SURVEYED
 GRADES CHECKED
 ELEV. NOTED
 STRUCTURE NOTATIONS OK'G
 NO.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	836
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

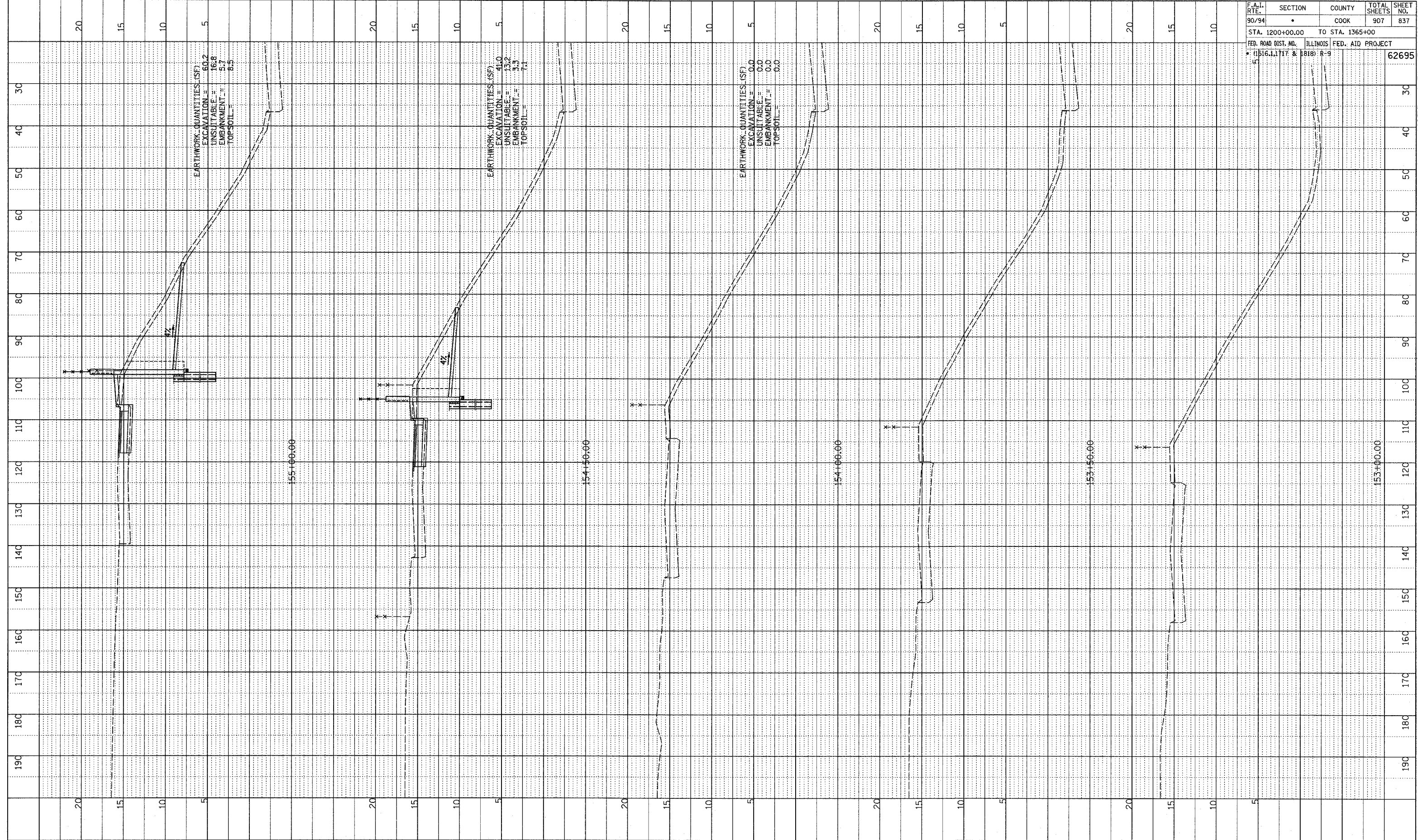


SB WENTWORTH AVENUE EXIT RAMP
STA. 149+87 TO STA. 151+00

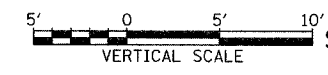
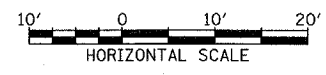
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PROFILE SURVEYED
 GRADES CHECKED
 NOTE BOOK NO. _____
 STRUCTURE NOTATIONS CHECKED

F.A.I. SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	837
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

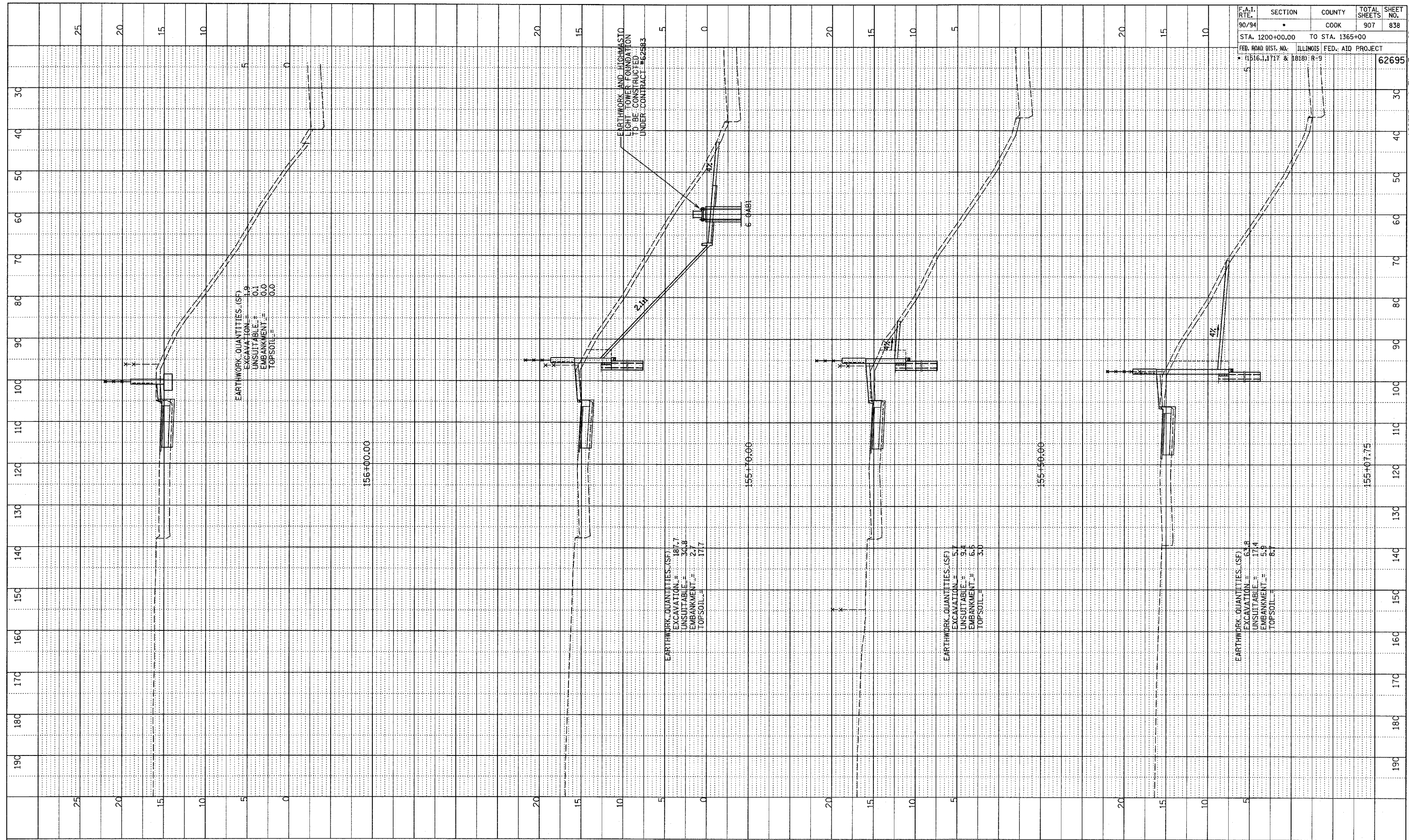


SB WENTWORTH AVENUE EXIT RAMP
 STA. 153+00 TO STA. 155+00

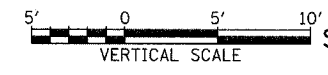
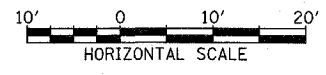
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PROF-111 SURVEYED
 GRADES CHECKED
 E.M. NOTED
 STRUCTURE NOTATIONS OK'D

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	838
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1, 1717 & 1818) R-9				
				62695



TYLIN INTERNATIONAL

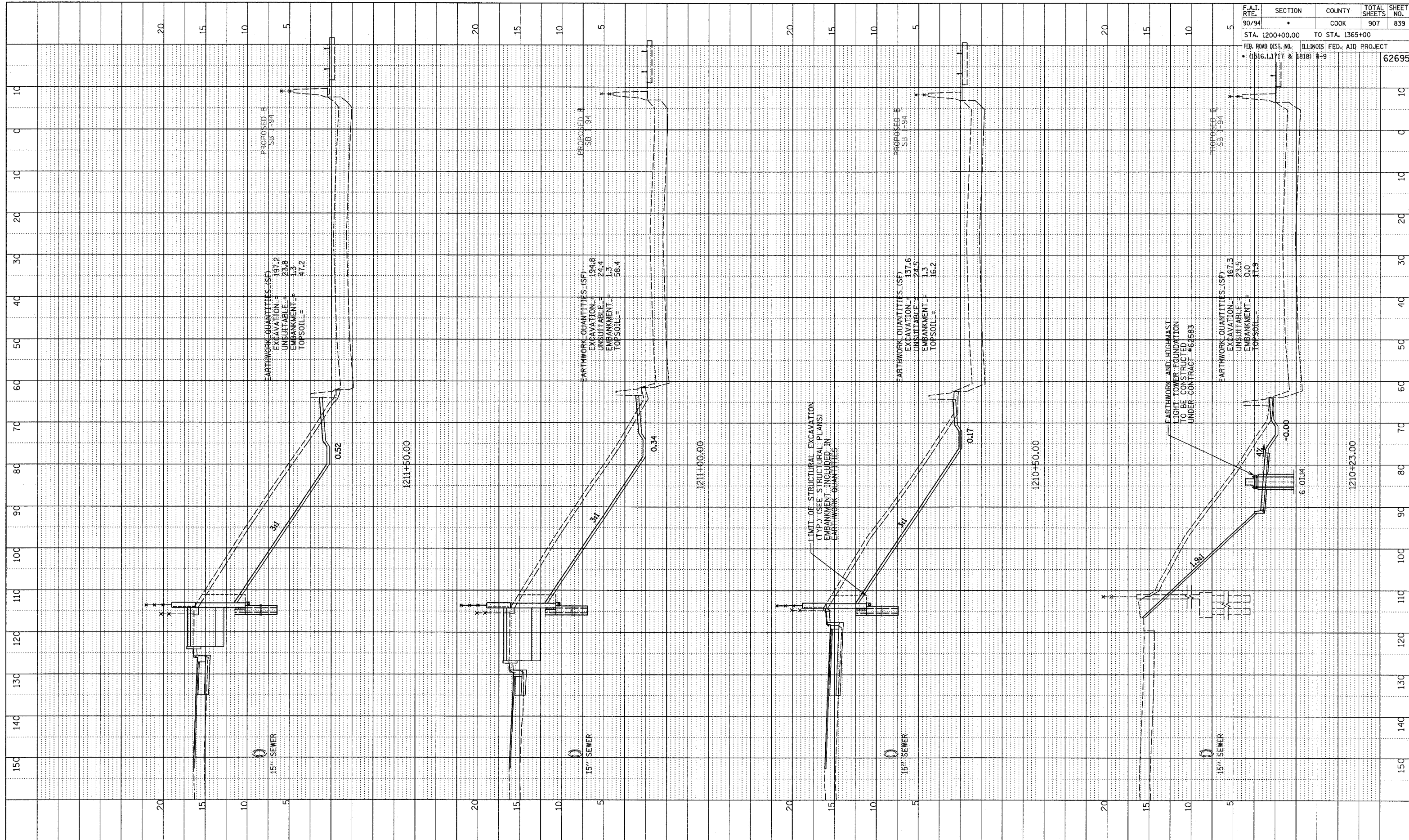


SB WENTWORTH AVENUE EXIT RAMP
 STA. 155+07 TO STA. 156+00

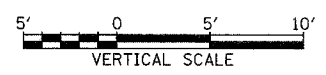
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PROF. FILE: []
 GRADES CHECKED: []
 STRUCTURE NOTATION: CHFD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	839
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-9				62695



TYLIN INTERNATIONAL

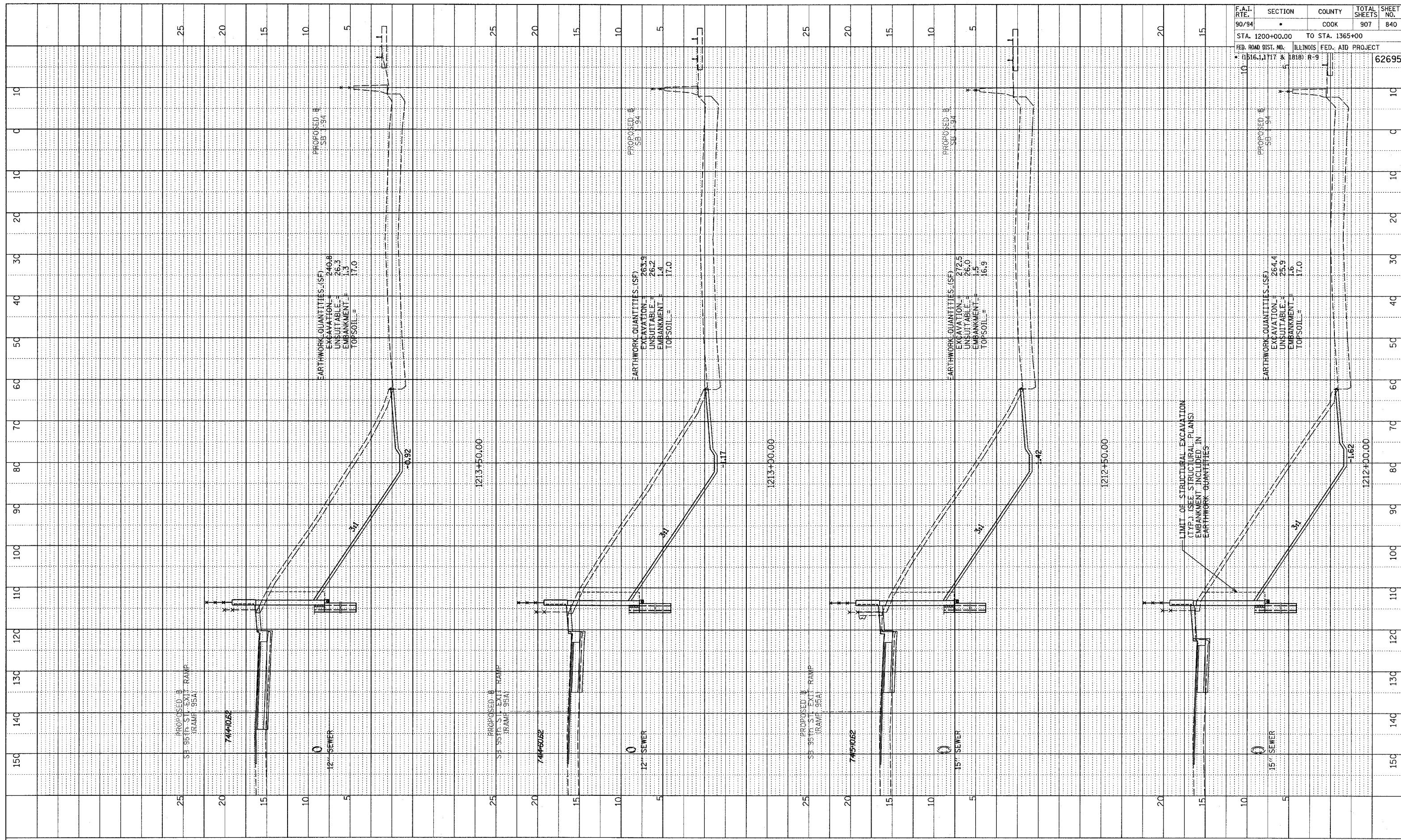


SB 95th ST. EXIT RAMP
 STA. 1210+23 TO STA. 1211+50

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PROFILE SUBMITTED
 GRADES CHECKED
 DATE: 10/11/94
 BY: [Signature]
 NO. [Number]

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	840
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 1516.1, 1717 & 1818 R-9		62695		



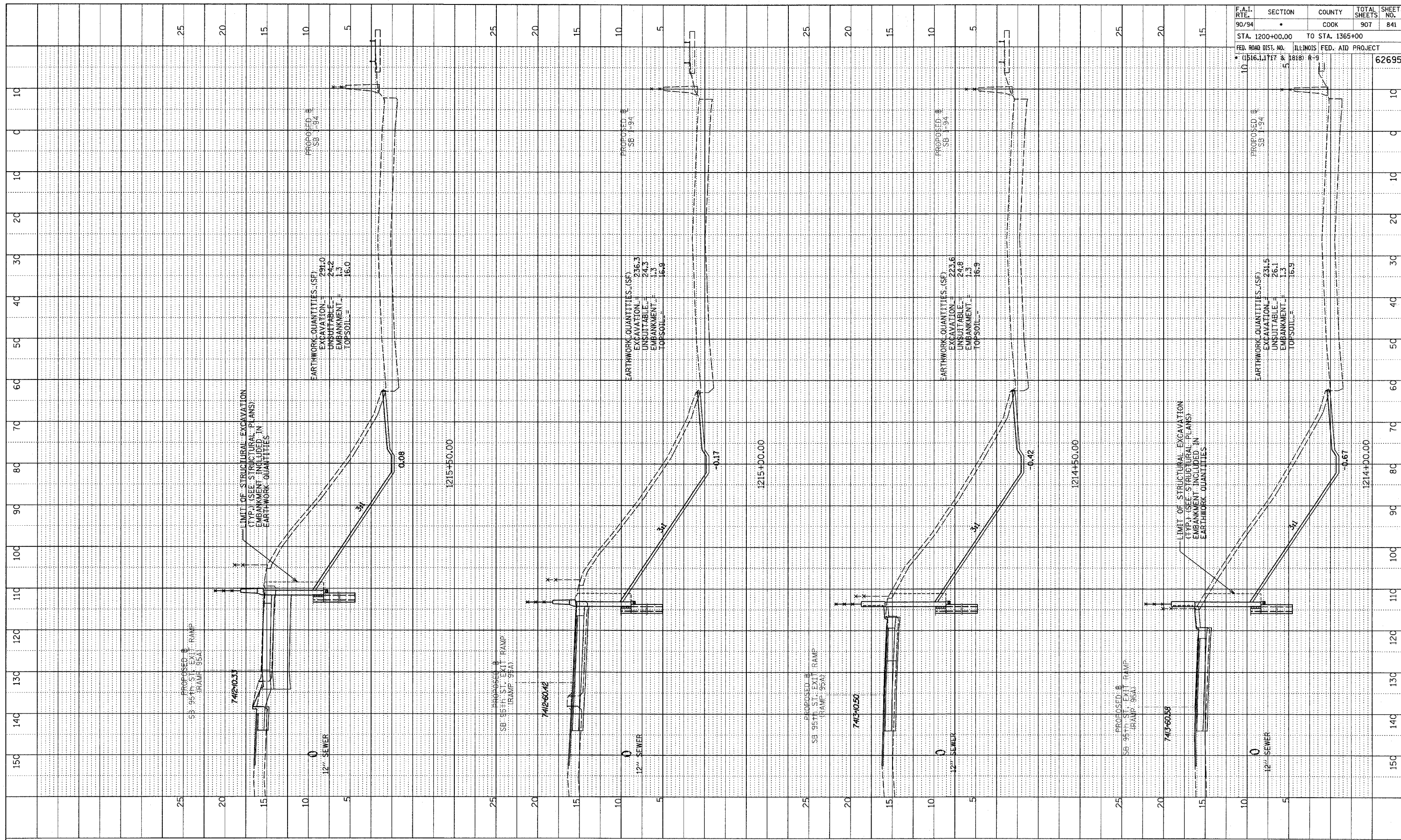
TYLIN INTERNATIONAL



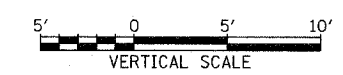
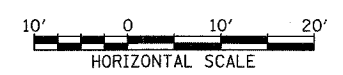
SB 95th ST. EXIT RAMP
 STA. 1212+00 TO STA. 1213+50

PROFILE SURVEYED
 GRADES CHECKED
 STA. AND TO
 STRUCTURE NOTATION CHVD
 NO.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	841
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

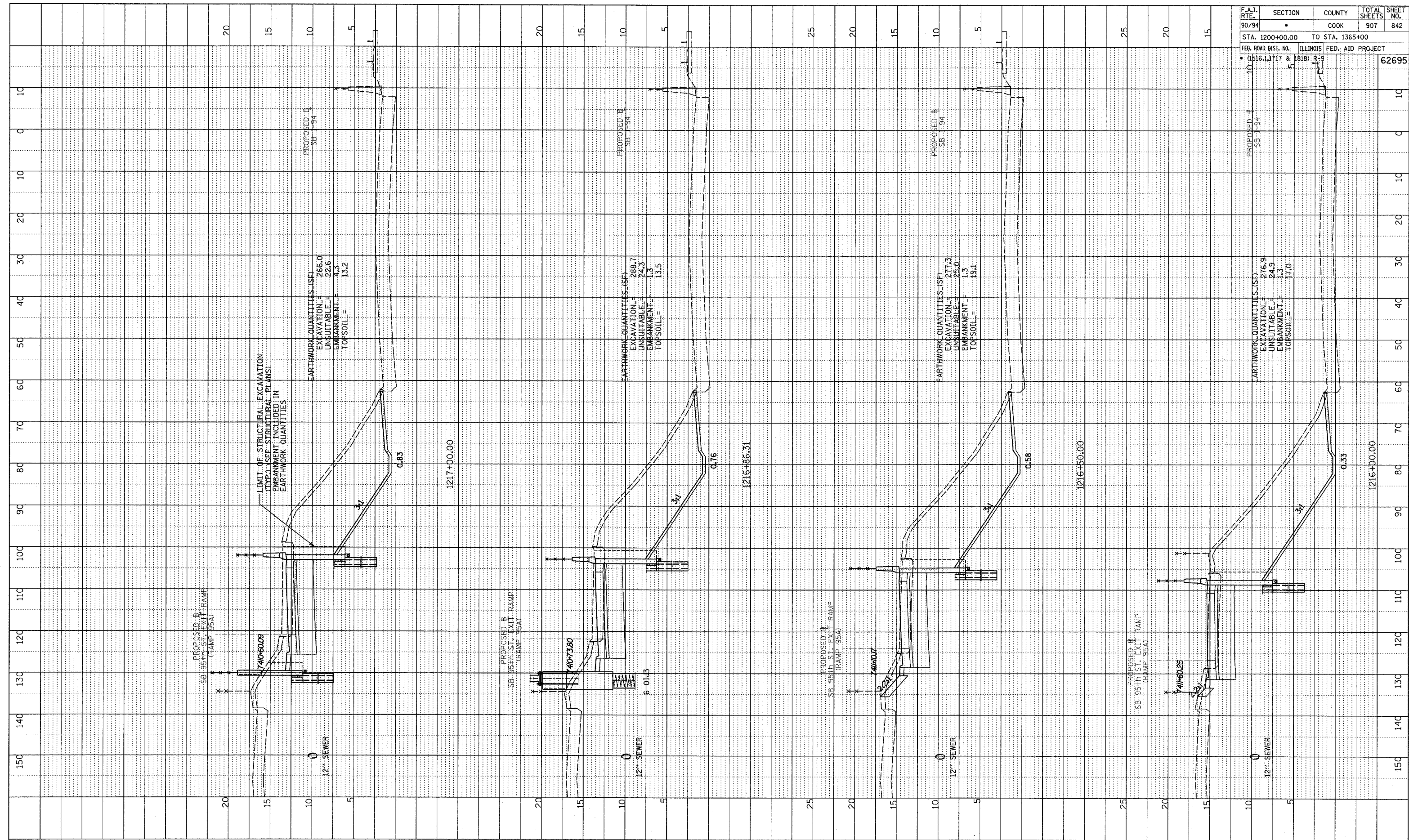


SB 95th ST. EXIT RAMP
 STA. 1214+00 TO STA. 1215+50

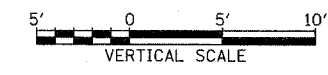
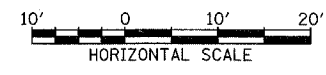
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PROFILE SHEET
 PLOTTED
 NOTE BOOK
 NO. _____
 STRUCTURE NOTATION: CIPRD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	842
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FEB. ROAD DIST. NO. (1516.1, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

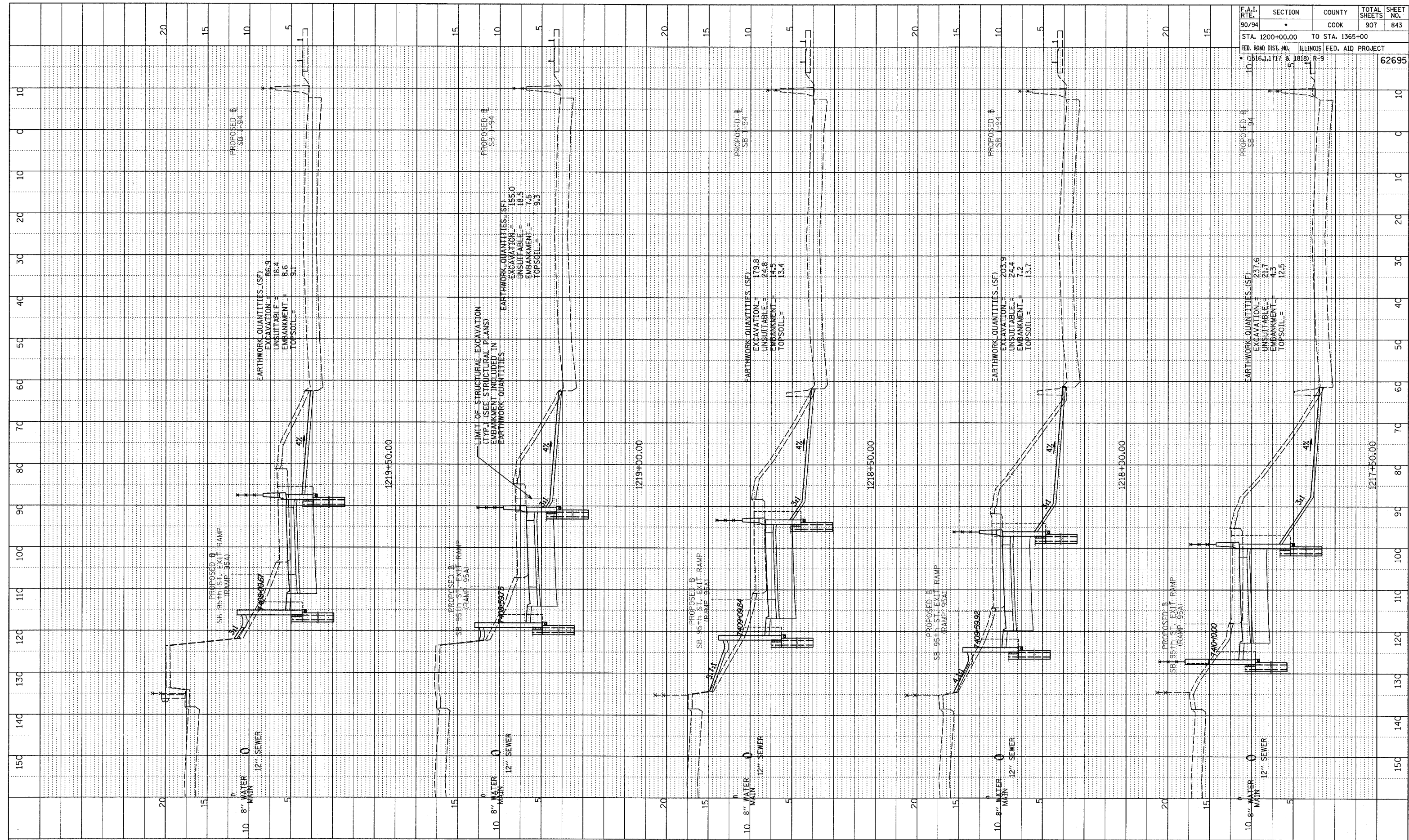


SB 95th ST. EXIT RAMP
 STA. 1216+00 TO STA. 1217+00

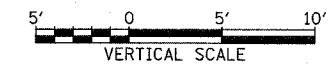
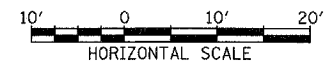
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PROFILE SURVEYED
 PLOTTED
 NOTE BOOK NO. _____
 NO. _____
 STRUCTURE NOTATIONS CHK'D

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	843
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FEB. ROAD DIST. NO. (1516, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

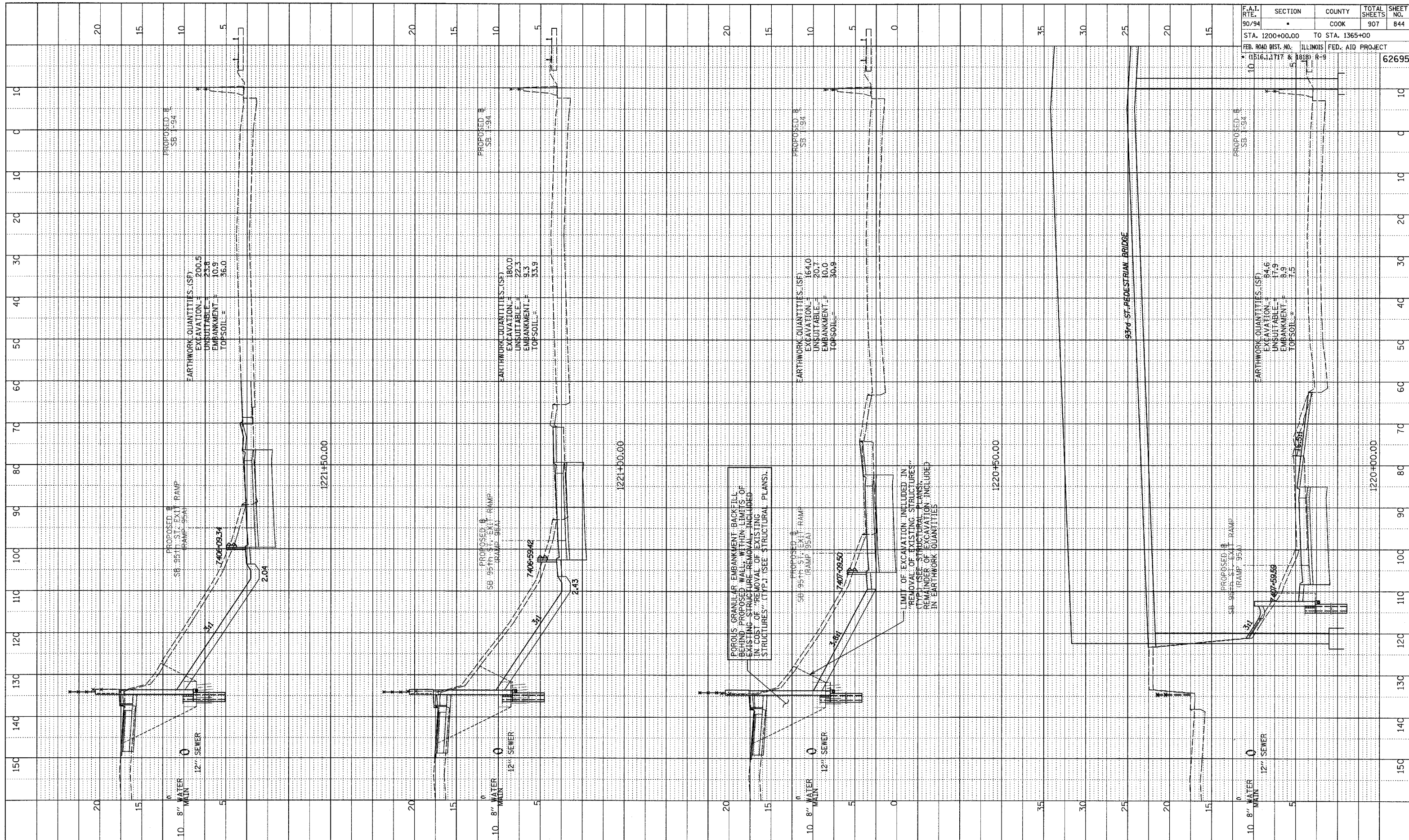


SB 95th ST. EXIT RAMP
 STA. 1217+50 TO STA. 1219+50

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PROFILE SHOWN GRADES CHECKED
 NOTE BOOK NO. _____
 STRUCTURE NOTATION CHFD

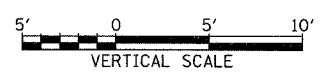
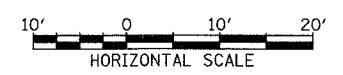
F.A.I. RTE. 90/94	SECTION	COUNTY COOK	TOTAL SHEETS 907	SHEET NO. 844
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO. (1516.1J1717 & 1818) R-9		ILLINOIS FED. AID PROJECT		62695



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.

TYLIN INTERNATIONAL

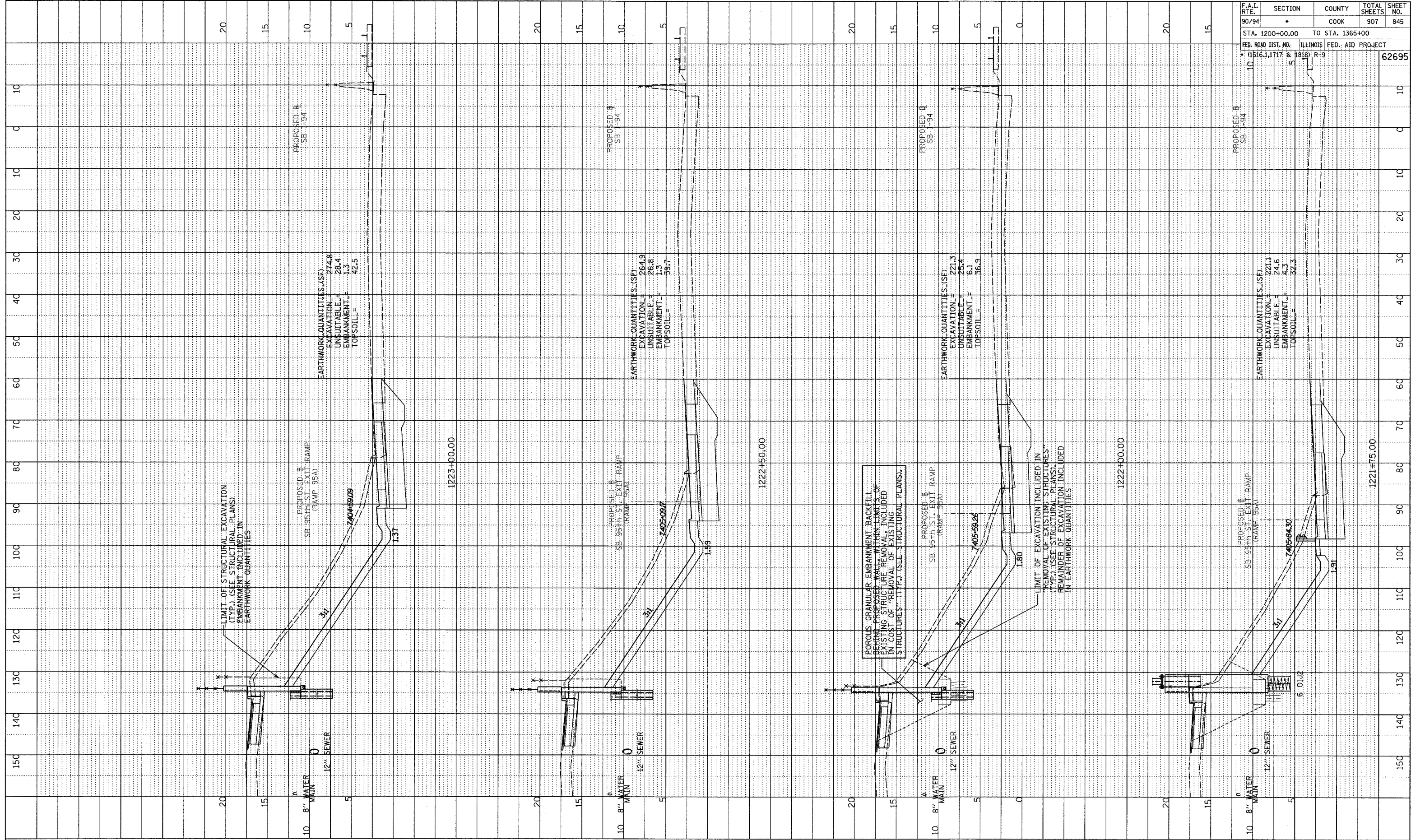


SB 95th ST. EXIT RAMP
 STA. 1220+00 TO STA. 1221+50

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PROFILE SURVEYED
 PLOTTED
 NOTE BOOK NO. _____
 DATE _____
 STRUCTURE NOTATIONS CHFD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	845
STA. 1200+00.00 TO STA. 1365+00				
FEA. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-9				
				62695



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

PROPOSED SB 95th ST. EXIT RAMP
 (RAMP 95A)

EARTHWORK QUANTITIES (SF)
 EXCAVATION = 274.8
 UNSUITABLE = 28.4
 EMBANKMENT = 1.3
 TOP SOIL = 42.5

PROPOSED SB 95th ST. EXIT RAMP
 (RAMP 95A)

EARTHWORK QUANTITIES (SF)
 EXCAVATION = 264.9
 UNSUITABLE = 26.8
 EMBANKMENT = 1.3
 TOP SOIL = 39.7

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).

PROPOSED SB 95th ST. EXIT RAMP
 (RAMP 95A)

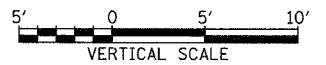
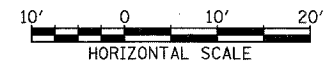
EARTHWORK QUANTITIES (SF)
 EXCAVATION = 221.3
 UNSUITABLE = 25.4
 EMBANKMENT = 6.1
 TOP SOIL = 36.9

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

PROPOSED SB 95th ST. EXIT RAMP
 (RAMP 95A)

EARTHWORK QUANTITIES (SF)
 EXCAVATION = 221.1
 UNSUITABLE = 24.6
 EMBANKMENT = 4.3
 TOP SOIL = 32.3

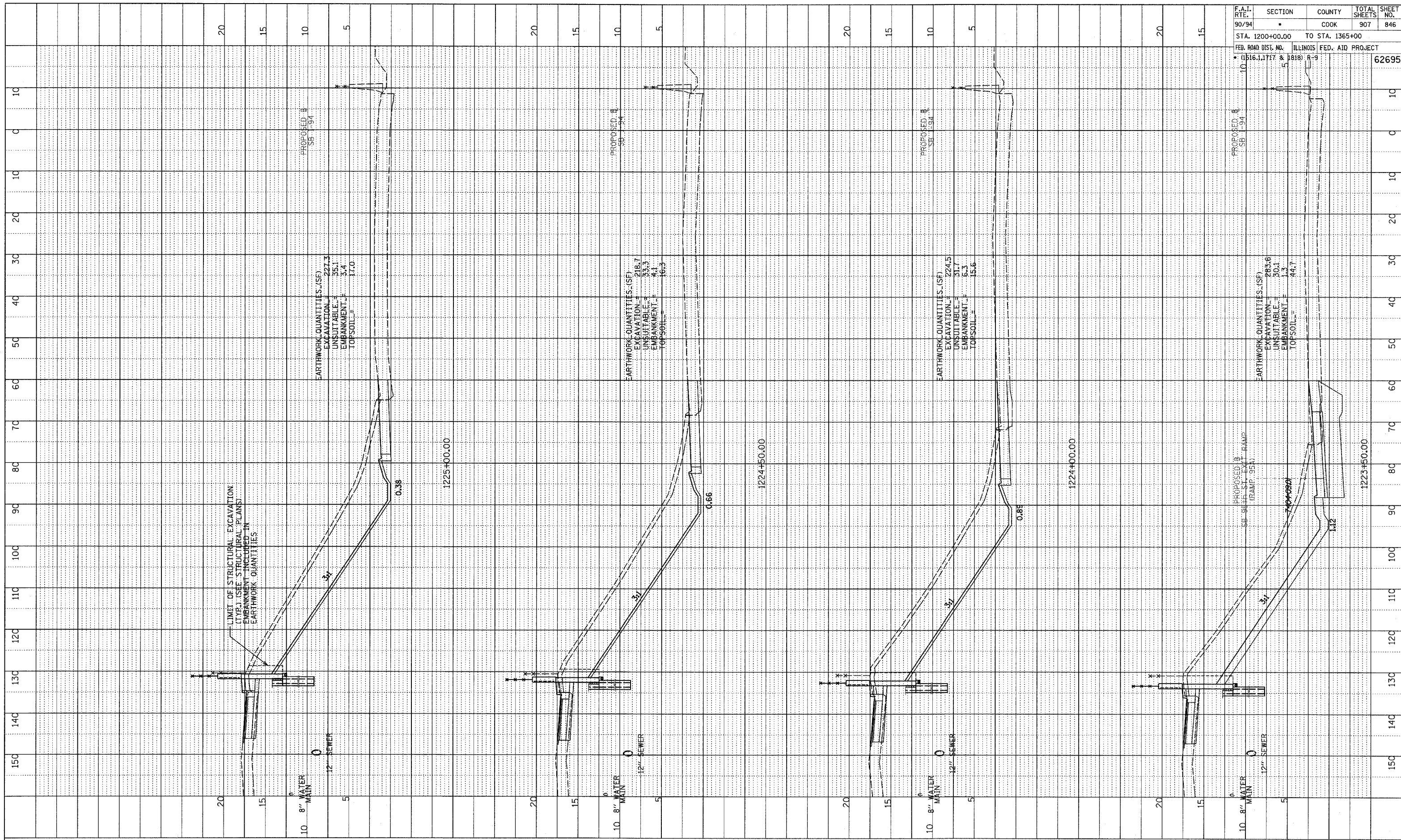
TYLIN INTERNATIONAL



SB 95th ST. EXIT RAMP
 STA. 1221+75 TO STA. 1223+00

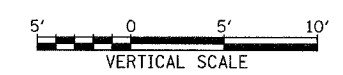
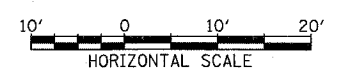
PA:02373\road\717\BAGK\TBox\SS195a-F.dgn

NOTE BOOK
 GRADES CHECKED
 STRUCTURE NOTATIONS OK'D



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	846
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FEB. ROAD DIST. NO. (1516.1, 1717 & 1818) R-9		62695		

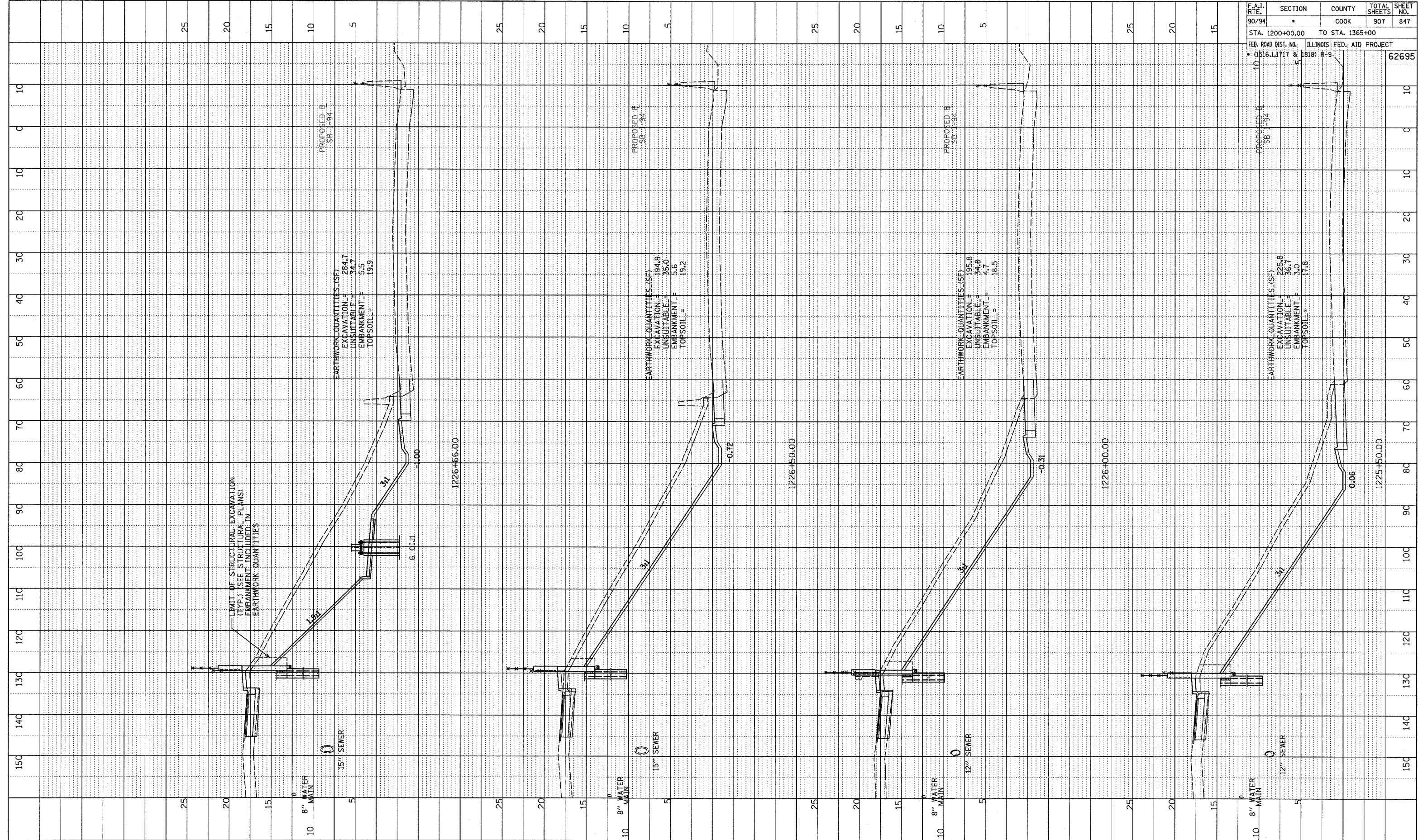
TYLIN INTERNATIONAL



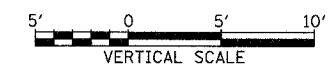
SB 95th ST. EXIT RAMP
 STA. 1223+50 TO STA. 1225+00

PROFILE SUBMITTED BY: TYLIN INTERNATIONAL
 DATE: 08/11/04
 DRAWING NO.: SB 95th ST. EXIT RAMP
 SHEET NO.: 62695
 PROJECT: SB 95th ST. EXIT RAMP
 COUNTY: COOK
 SECTION: 1516.11717 & 1818 R-9
 TOTAL SHEETS: 907
 SHEET NO.: 847

F.A.I. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	1516.11717 & 1818 R-9	COOK	907	847



TYLIN INTERNATIONAL

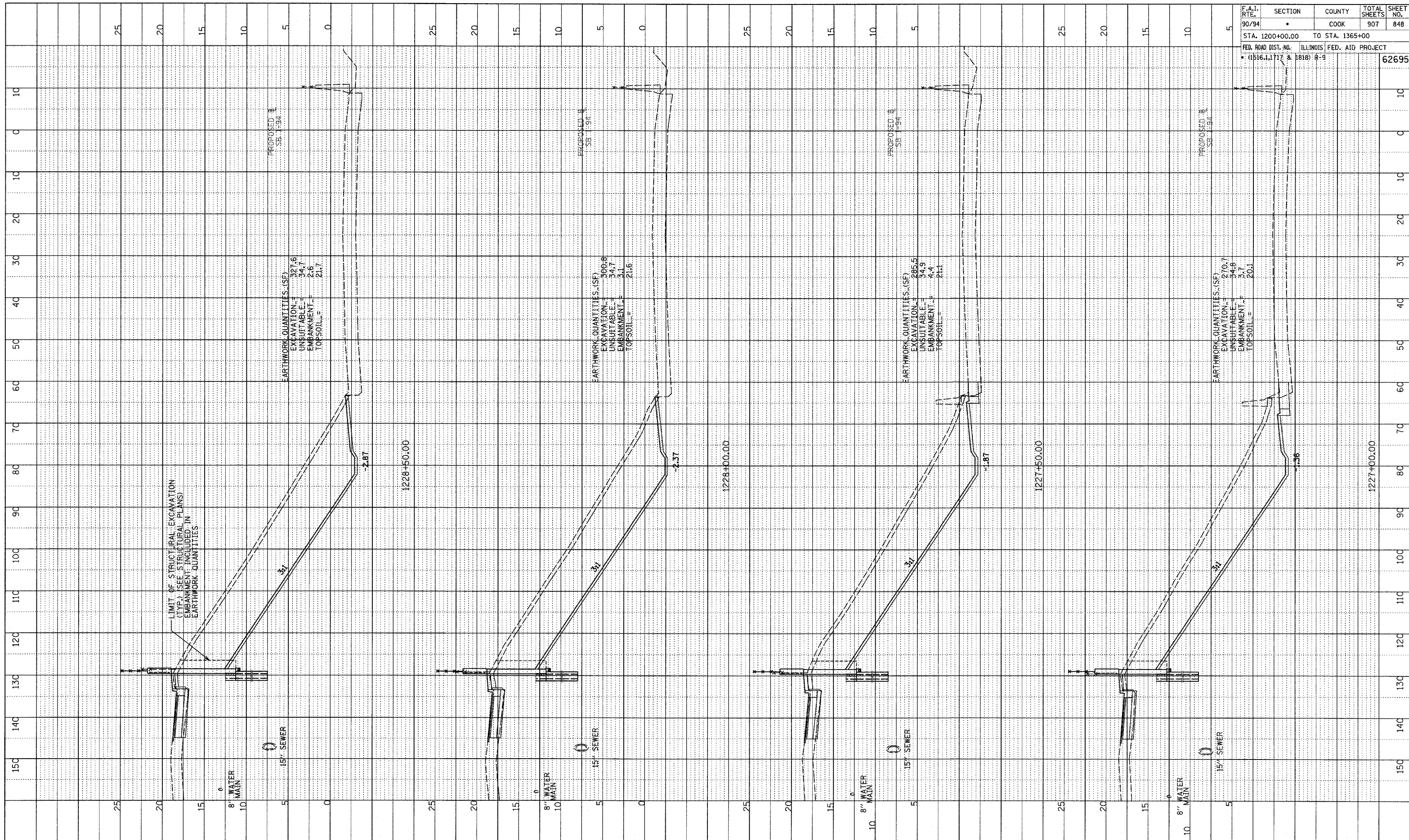


SB 95th ST. EXIT RAMP
 STA. 1225+50 TO STA. 1226+66

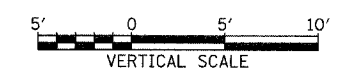
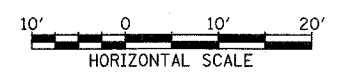
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FROM ALL PLANNED
 GRADES CHECKED
 STRUCTURE NOTATIONS CHFD
 NO. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	848
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-9				62695



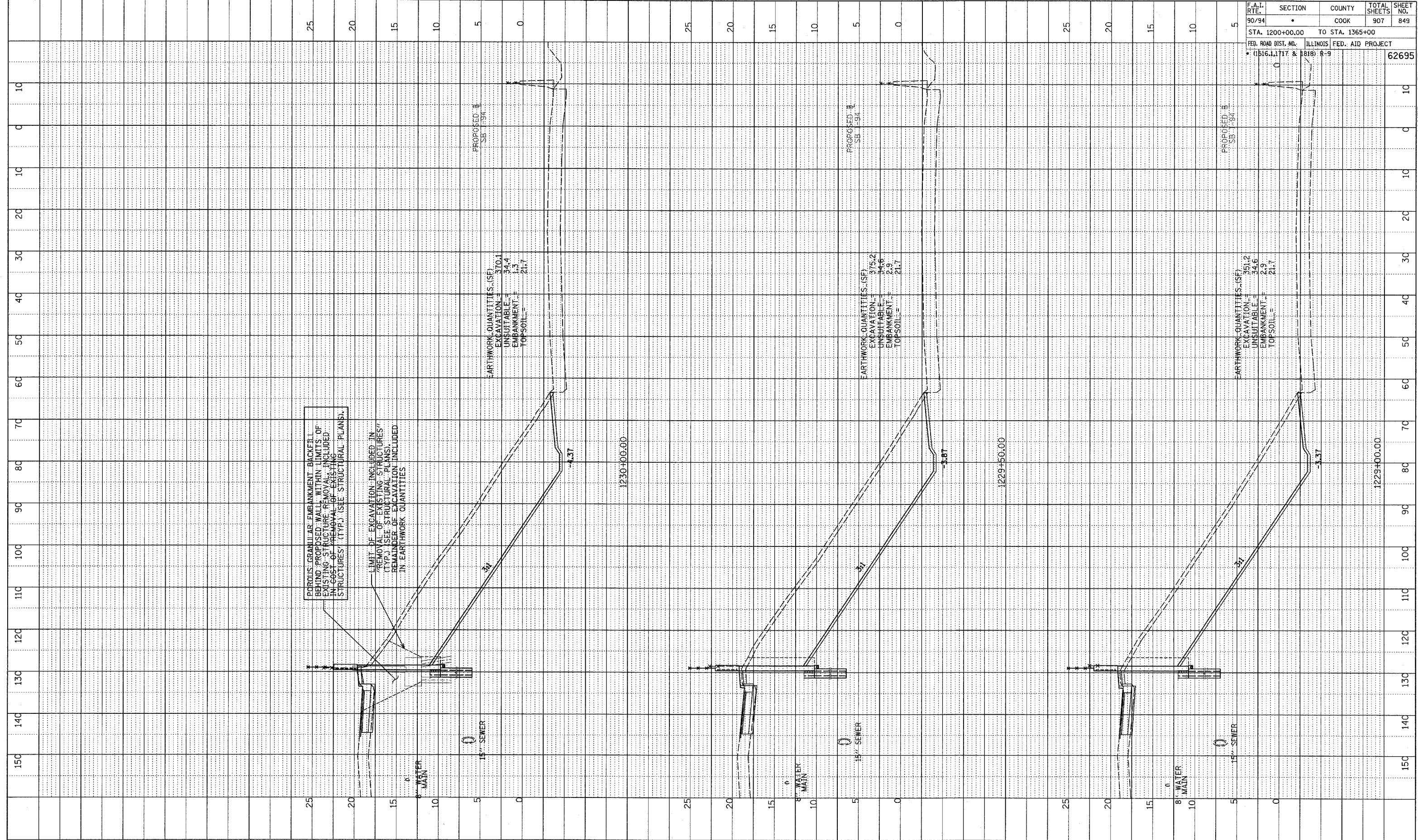
TYLIN INTERNATIONAL



SB 95th ST. EXIT RAMP
 STA. 1227+00 TO STA. 1228+50

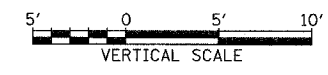
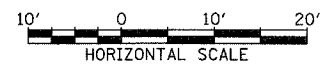
SURVEYED
 GRADES CHECKED
 S.M. NOTED
 STRUCTURE NOTATION CPD
 NO. _____

F.A.T. SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	849
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-9		62695		



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.

TYLIN INTERNATIONAL

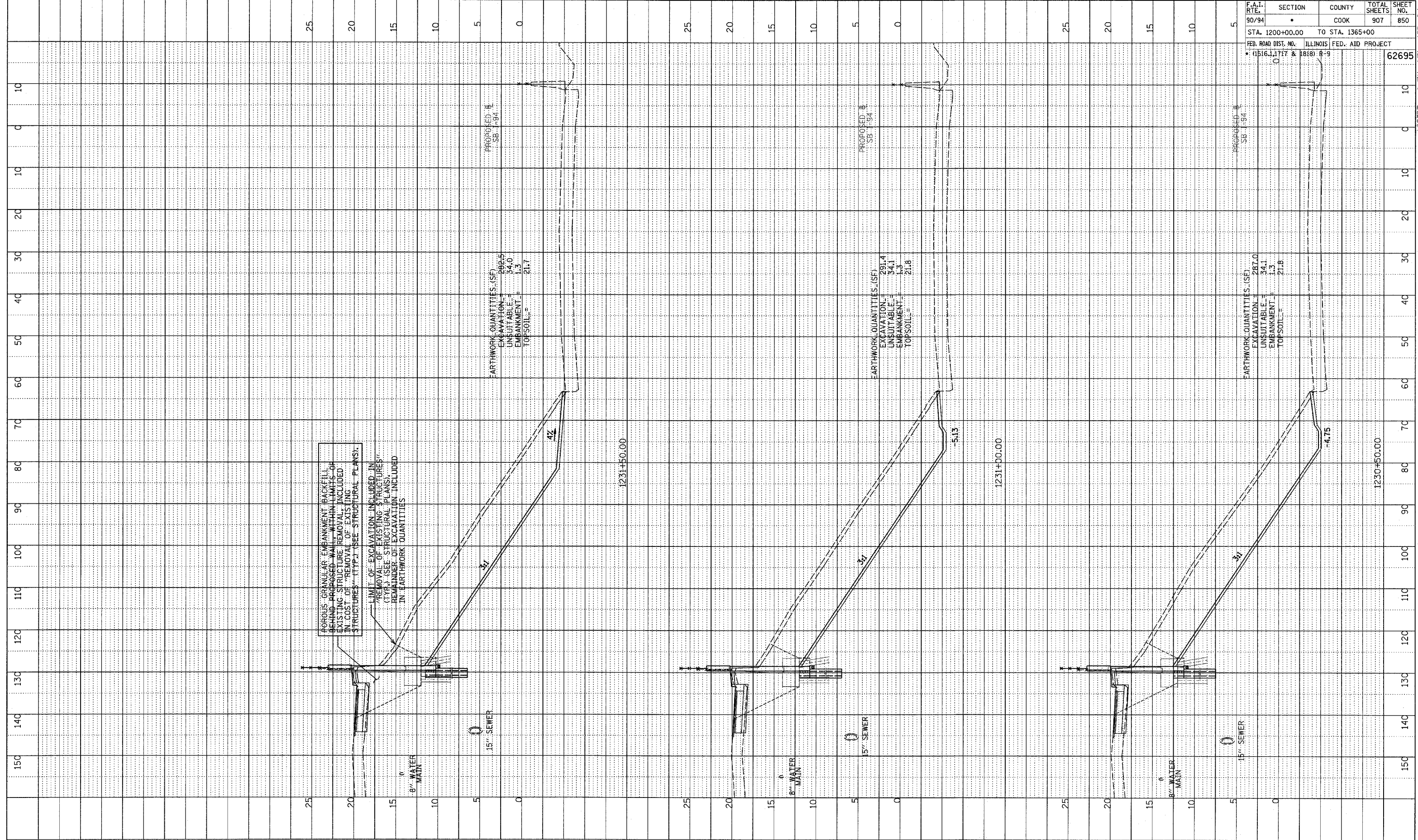


SB 95th ST. EXIT RAMP
 STA. 1229+00 TO STA. 1230+00

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PROF-11L SERVED
 GRADES CHECKED
 ELEM. NOTED
 NO. STRUCTURE NOTATIONS DRWG

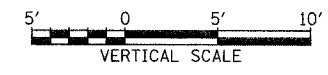
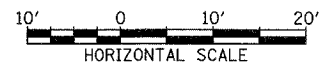
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	850
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-9				
				62695



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.

TYLIN INTERNATIONAL

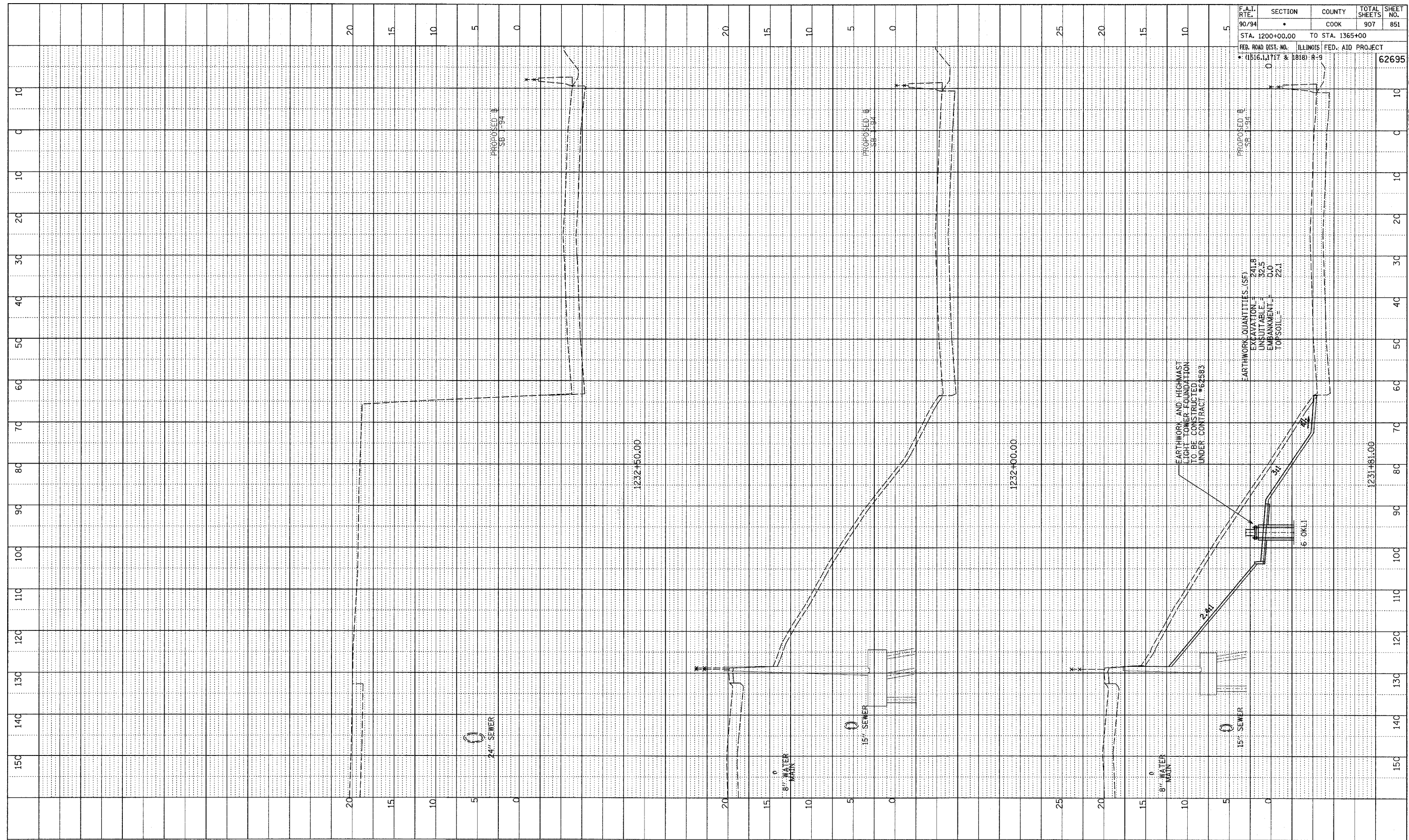


SB 95th ST. EXIT RAMP
 STA. 1230+50 TO STA. 1231+50

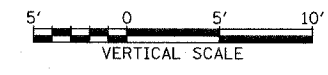
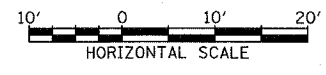
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SURVEYED
 PROFILE
 CHECKED
 NO. NOTED
 STRUCTURE NOTATIONS CHECKED

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	851
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

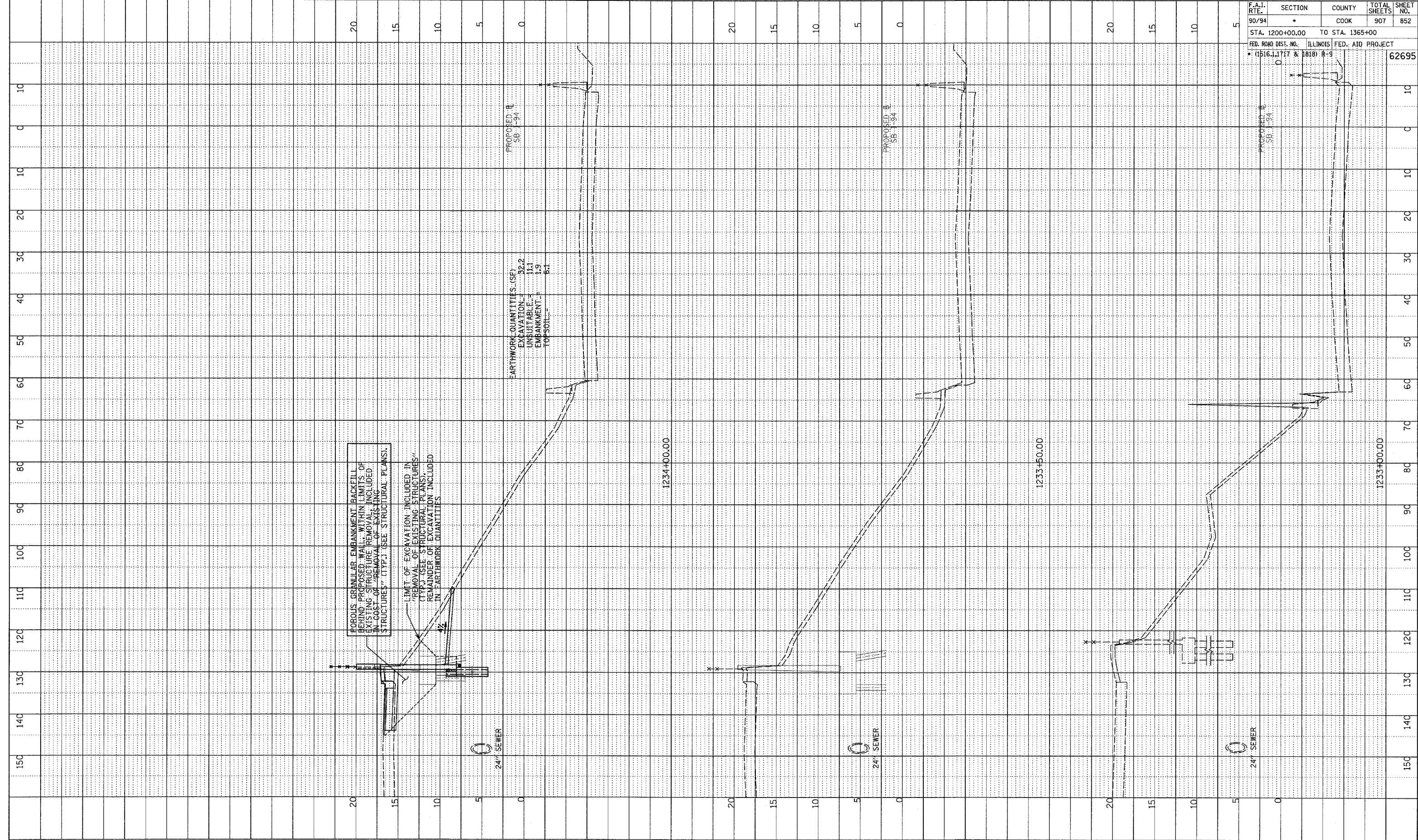


SB 95th ST. EXIT RAMP
STA. 1231+81 TO STA. 1232+50

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PROFILE SURVEYED
 PLOTTED & CHECKED
 NOTE BOOK NO. _____
 DATE _____
 STRUCTURE NOTATION CHFD
 NO. _____

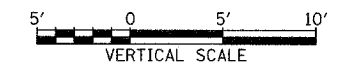
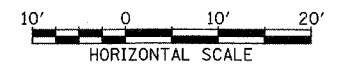
F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 907	SHEET NO. 852
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-9		62695		



FORULS 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"

TYLIN INTERNATIONAL

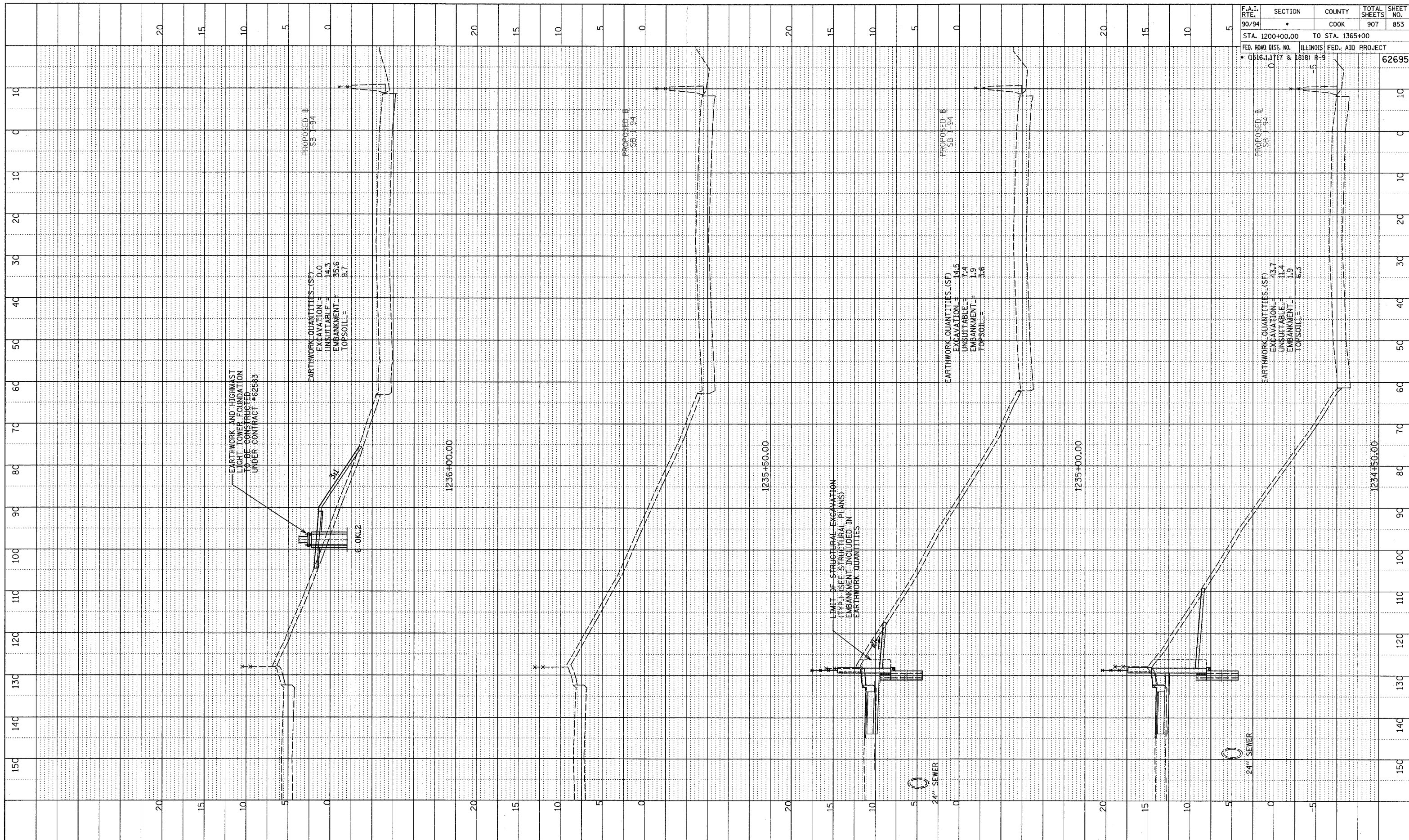


SB 95th ST. EXIT RAMP
 STA. 1233+00 TO STA. 1234+00

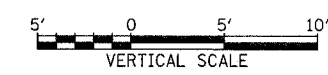
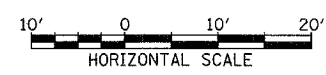
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NO. 1111
 GRADES CHECKED
 STRUCTURE NOTATION CIPK

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	853
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. (1516.11717 & 1818) R-9		62695		



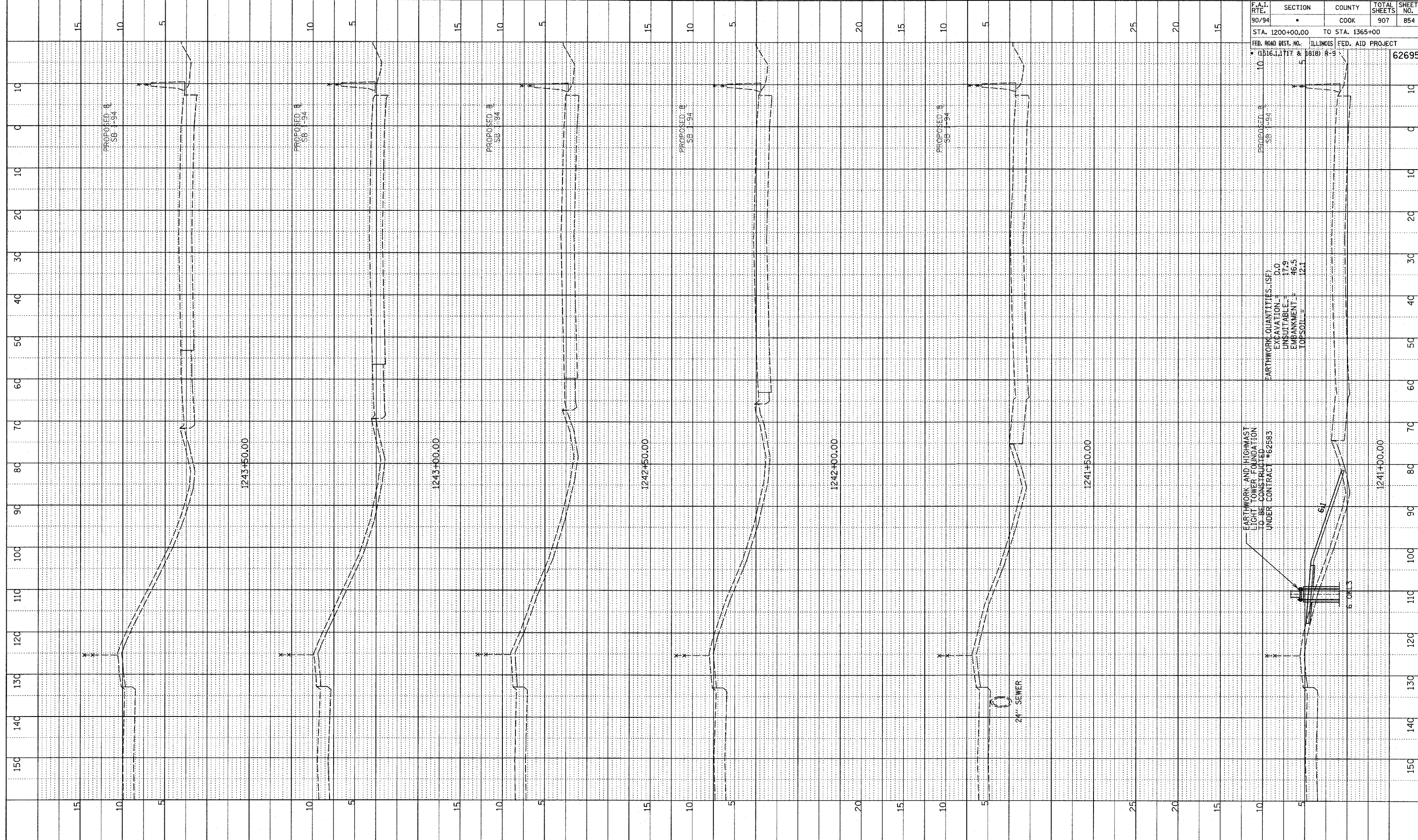
TYLIN INTERNATIONAL



SB 95th ST. EXIT RAMP
 STA. 1234+50 TO STA. 1236+00

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PROFILE SUBMITTED
 GRADES CHECKED
 E.M. NOTED
 NO. 10/11/94
 SURVEILOR'S NOTATIONS CHANGED



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	1	COOK	907	854
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
1516.1, 1717 & 1818 R-9		62695		

EARTHWORK QUANTITIES (SF)

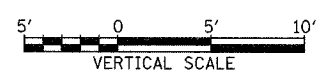
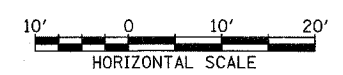
EXCAVATION	0.0
UNSUITABLE	17.9
EMBANKMENT	46.5
TOP SOIL	12.1

EARTHWORK AND HIGHMAST LIGHT TOWER FOUNDATION TO BE CONSTRUCTED UNDER CONTRACT #62683

6.0613

1241+00.00

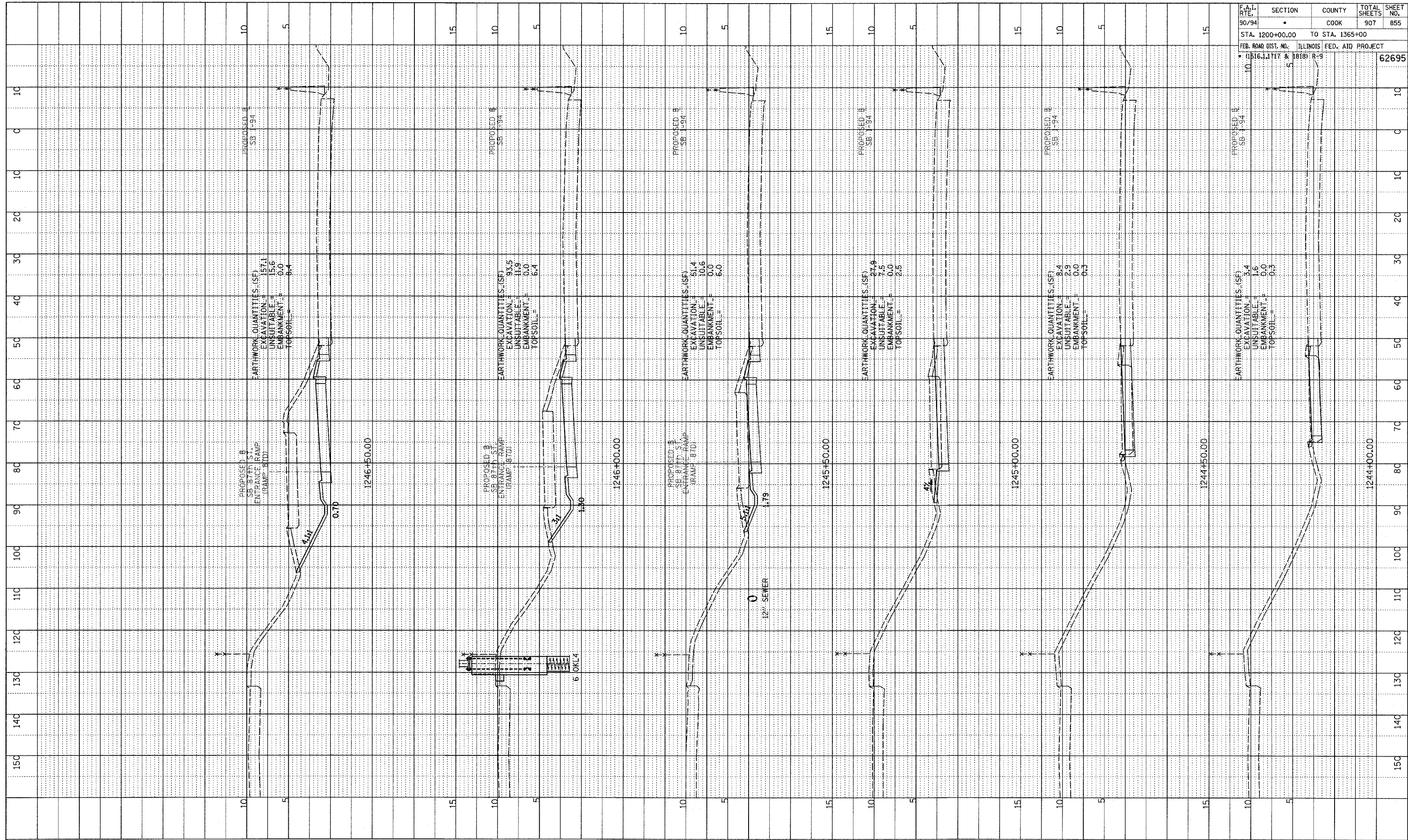
TYLIN INTERNATIONAL



SB 87th ST. ENTRANCE RAMP
 STA. 1241+00 TO STA. 1243+50

A:\0237\3\road\87\87\87.dwg

PROFILE (SERIALIZED)
 PLOTTED (CHECKED)
 NOTE BOOK (BAL. NOTED)
 NO. (STRUCTURE NOTATING) (CIPRO)



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	855

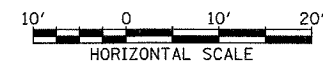
STA. 1200+00.00 TO STA. 1365+00

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

(1516, 1717 & 1818) R-9

62695

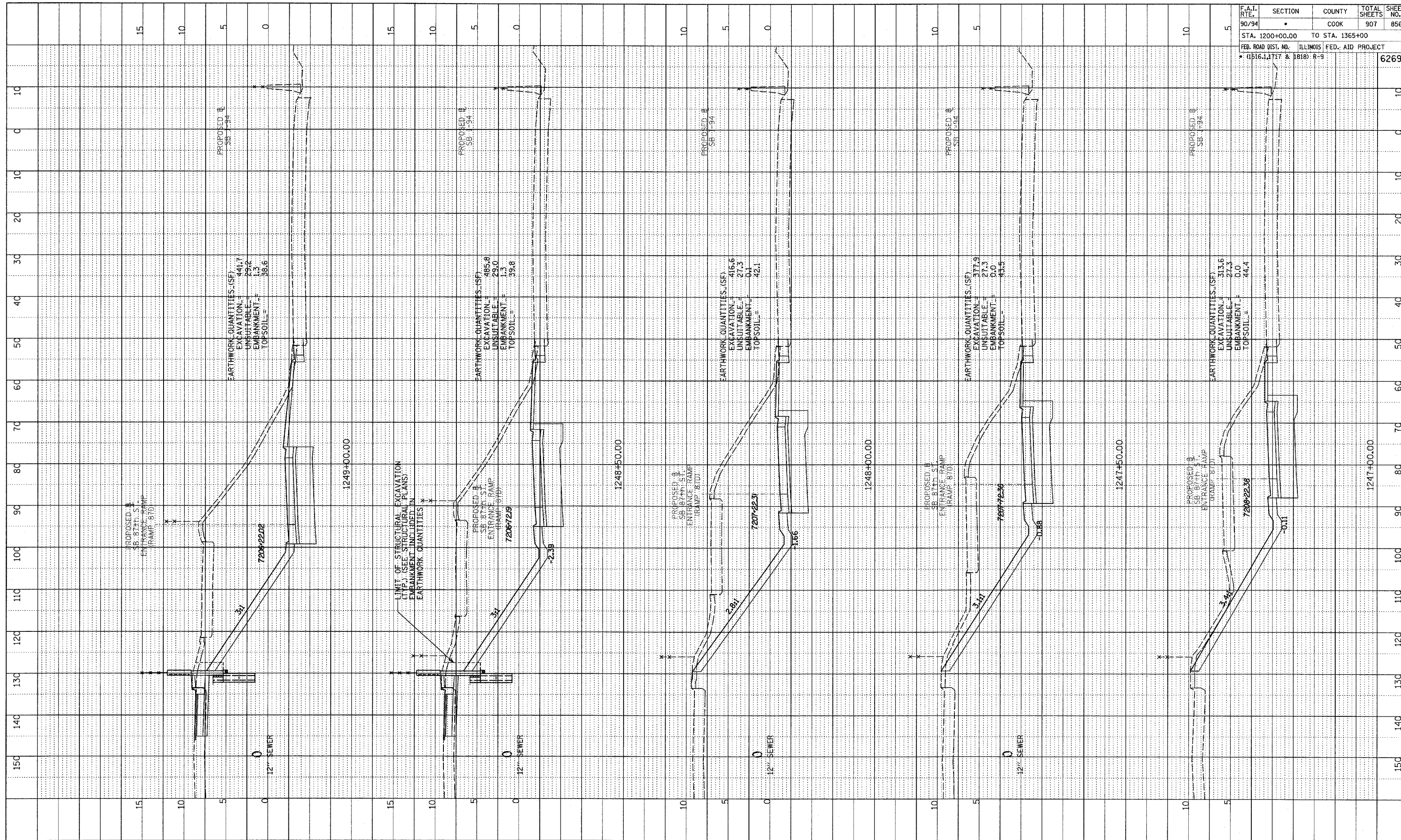
TYLIN INTERNATIONAL



SB 87th ST. ENTRANCE RAMP
 STA. 1244+00 TO STA. 1246+50

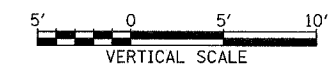
PA-02373.young/Tpaxk/Tpaxk87d.f.dgn

PROFILE REVISIONS
 DATE
 PLOTTED CHECKED
 DATE NOTED
 NOTE BOOK
 STRUCTURE NOTATIONS CHECKED
 NO.



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	856
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		* (1516, 1717 & 1818) R-9		
				62695

TYLIN INTERNATIONAL

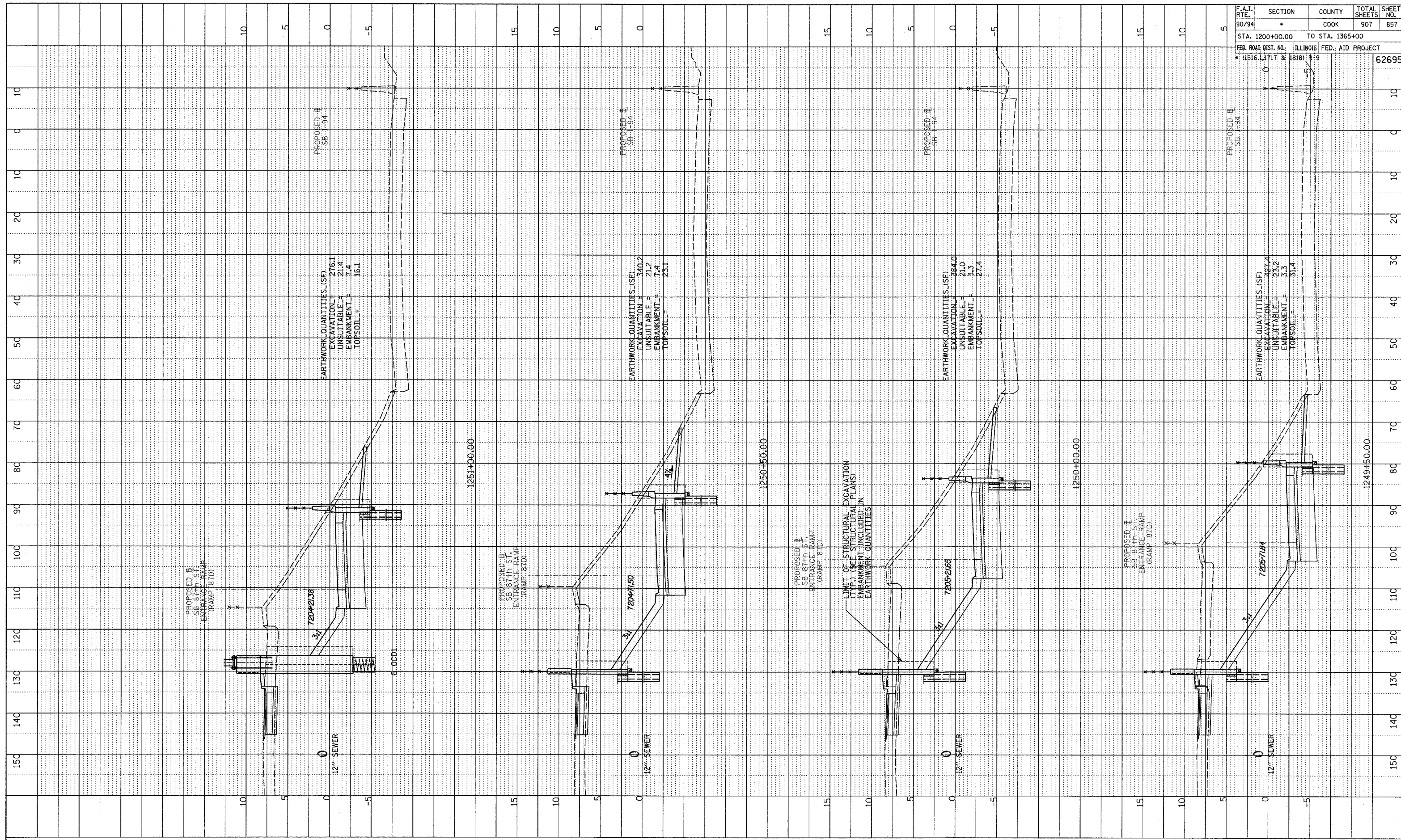


SB 87th ST. ENTRANCE RAMP
STA. 1247+00 TO STA. 1249+00

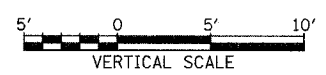
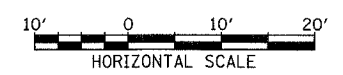
P:\02373\road\07\bgak\busshd.f.dgn

PROF. ILL. SURVEYED
 GRADES CHECKED
 S.M. NOTED
 SURVEYING NOTATION CHFD
 NO.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	857
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. (1516, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

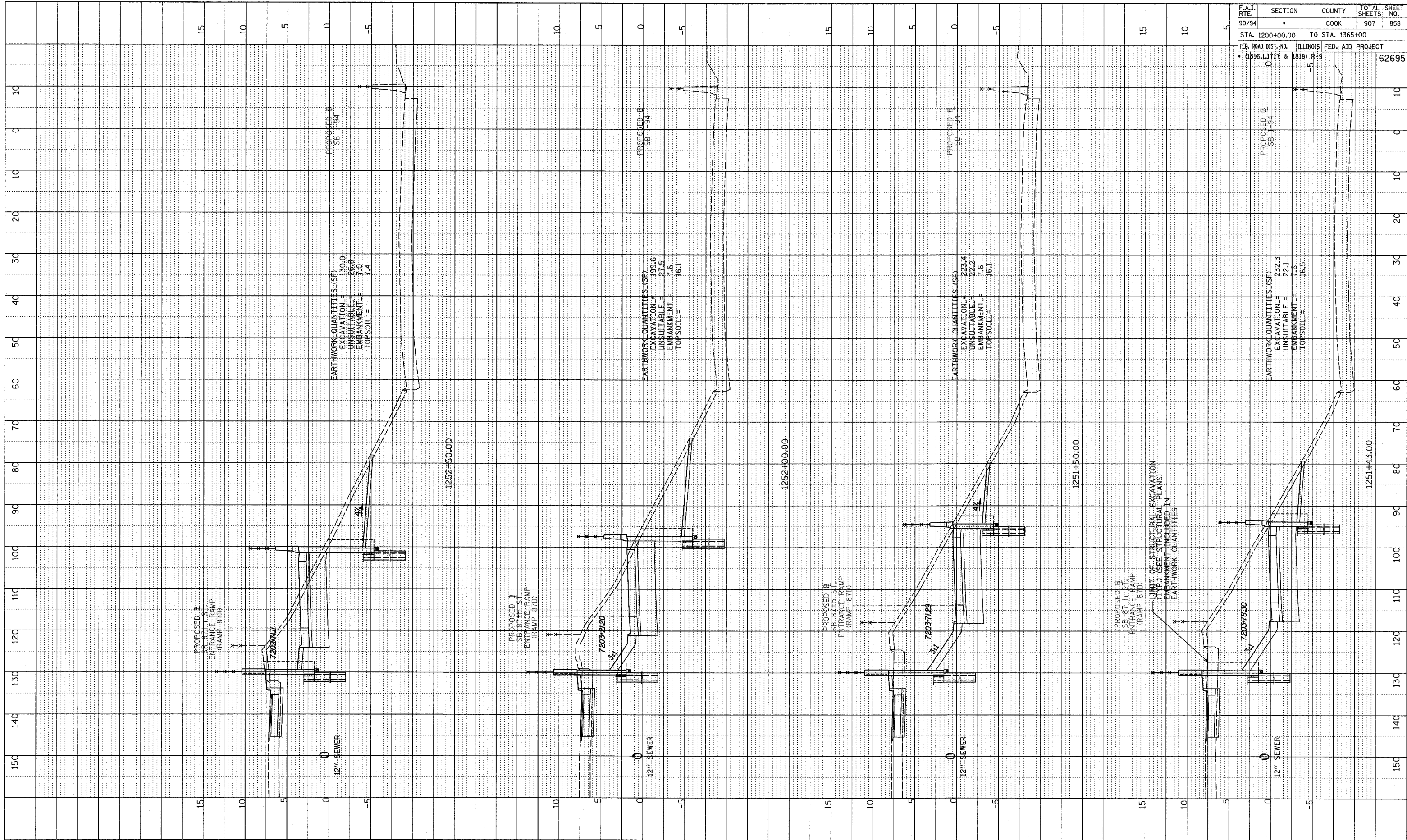


SB 87th ST. ENTRANCE RAMP
 STA. 1249+50 TO STA. 1251+00

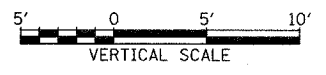
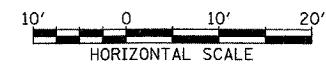
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PROFILE SURVEYED
 PLOTTED & CHECKED
 NOTE BOOK NO. _____
 STRUCTURE NOTATIONS CHECKED
 NO. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	858
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FEB. ROAD DIST. NO. 1516.1, 1717 & 1818 R-9		62695		



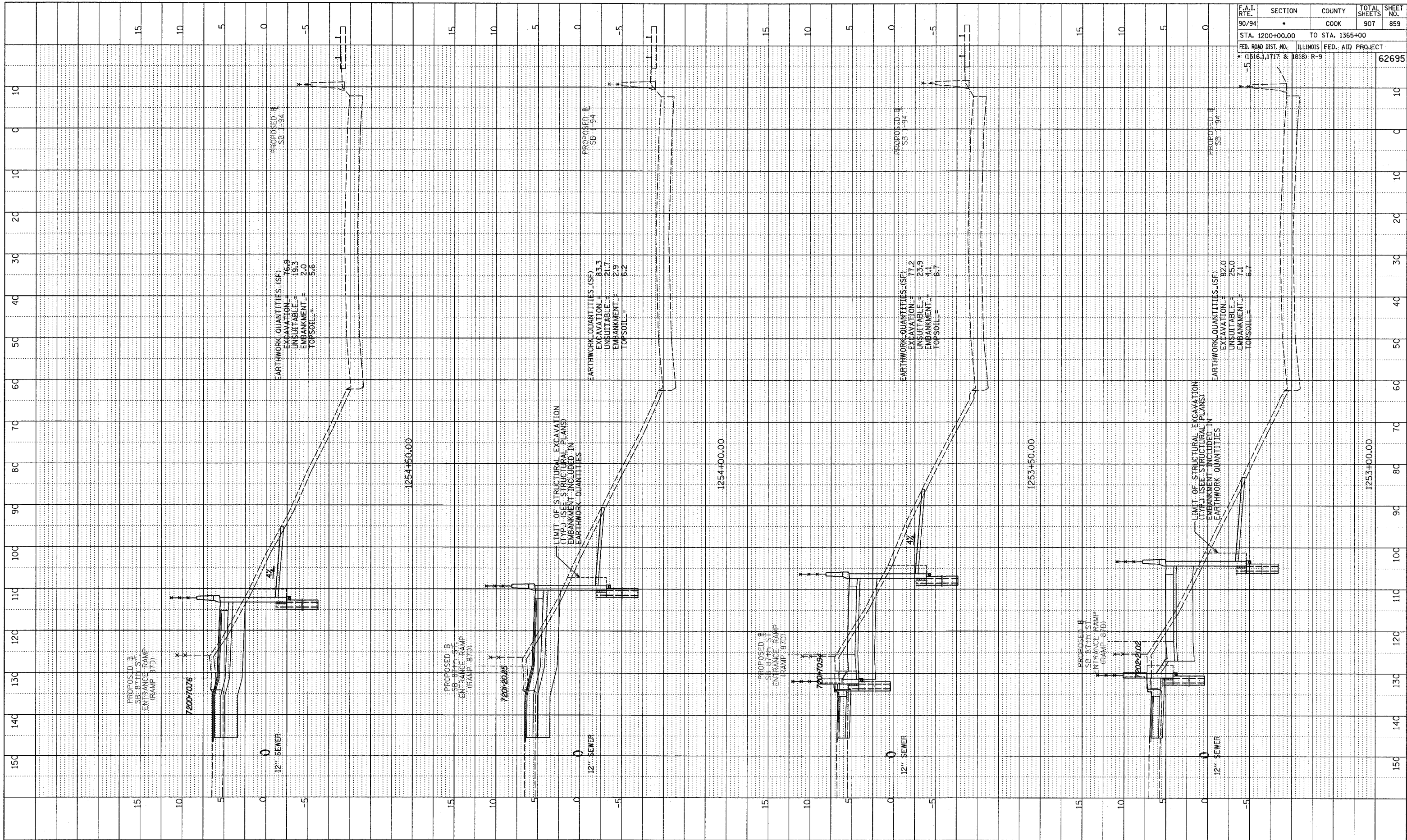
TYLIN INTERNATIONAL



SB 87th ST. ENTRANCE RAMP
STA. 1251+43 TO STA. 1252+50

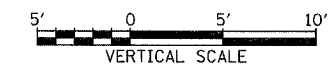
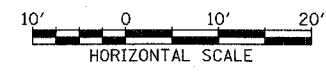
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PROFILE SURVEYED
 PHOTO CHECKED
 NOTE BOOK
 NO. _____
 STRUCTURE NOTATIONS CHECKED



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	859
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (1516, 1717 & 1818) R-9		62695		

TYLIN INTERNATIONAL

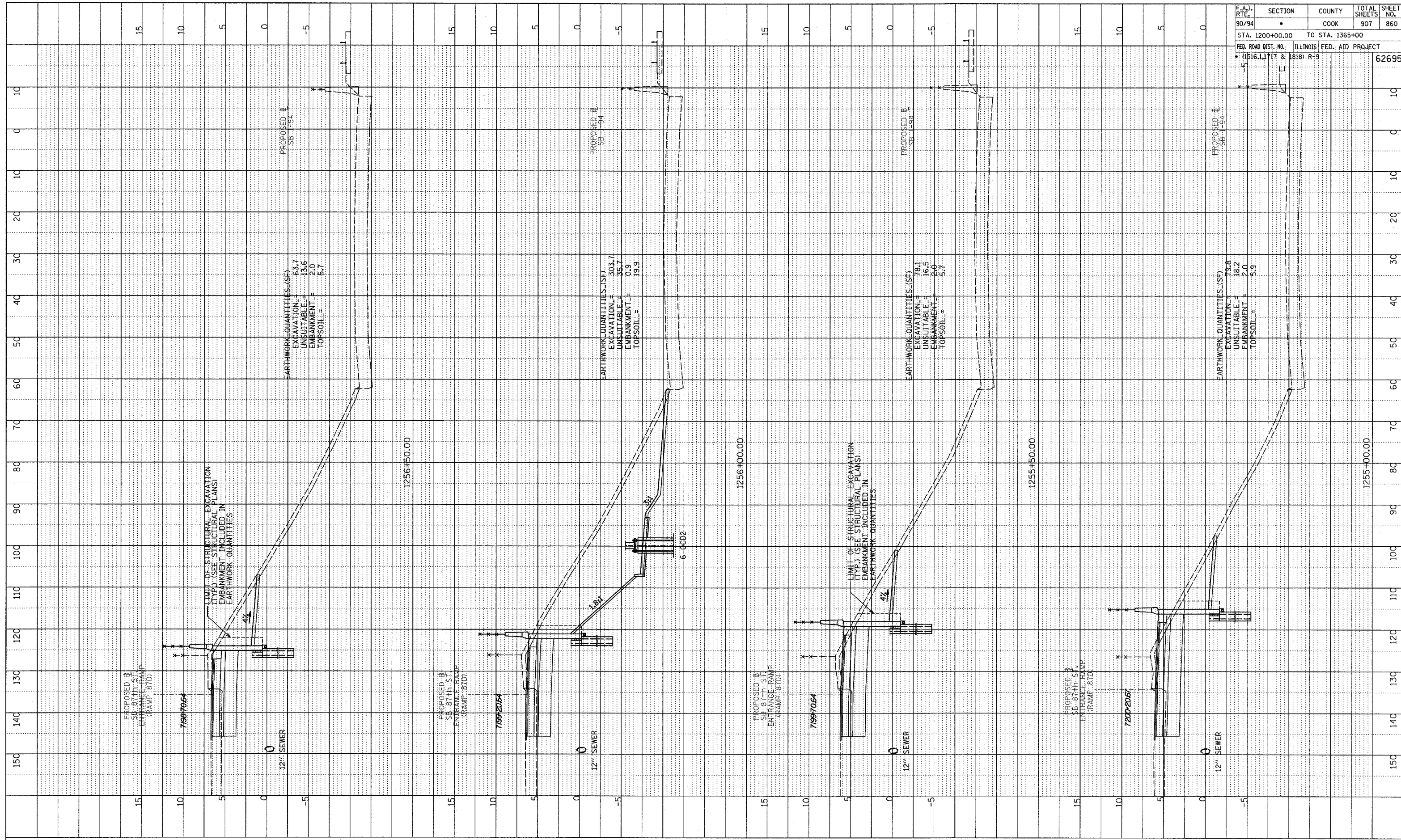


SB 87th ST. ENTRANCE RAMP
STA. 1253+00 TO STA. 1254+50

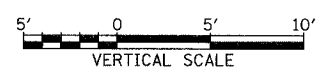
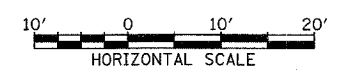
PA0237.yroad.ctb/bgk/bass/rd.f.dgn

PROFILE SHOWN
 GRADES CHECKED
 E.M. NOTED
 NO. DISCREPANCIES NOTATED ON DRAWING

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	860
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-9				62695



TYLINT INTERNATIONAL

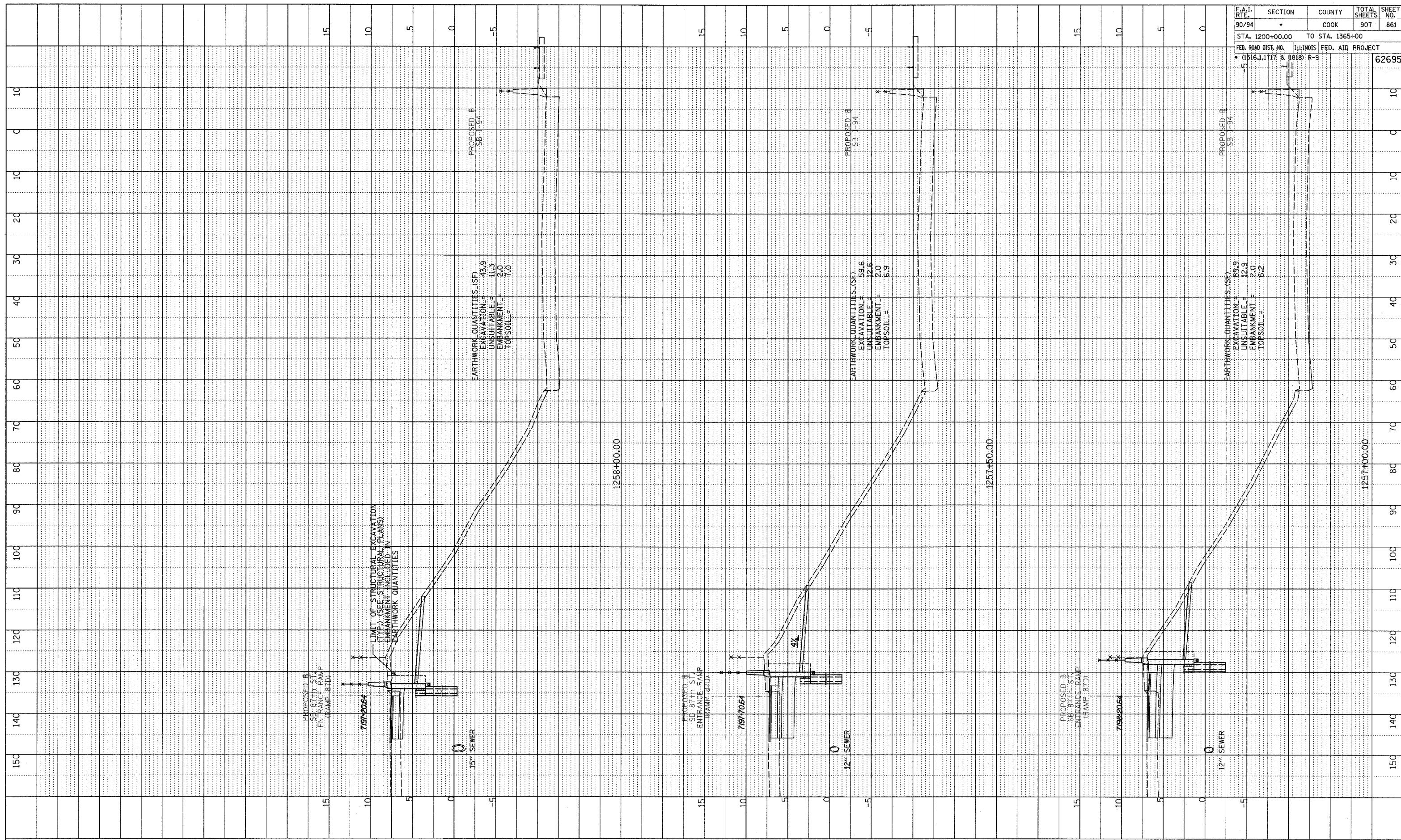


SB 87th ST. ENTRANCE RAMP
 STA. 1255+00 TO STA. 1256+50

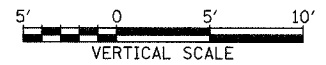
P:\02313\road\97\p\860\860.dwg

PROFILE SUBMITTED
 GRADES CHECKED
 DATE AND BY
 NO. 10/11/94 WATKINS EHW

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	861
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				62695
* (1516.1, 1117 & 1818) R-9				



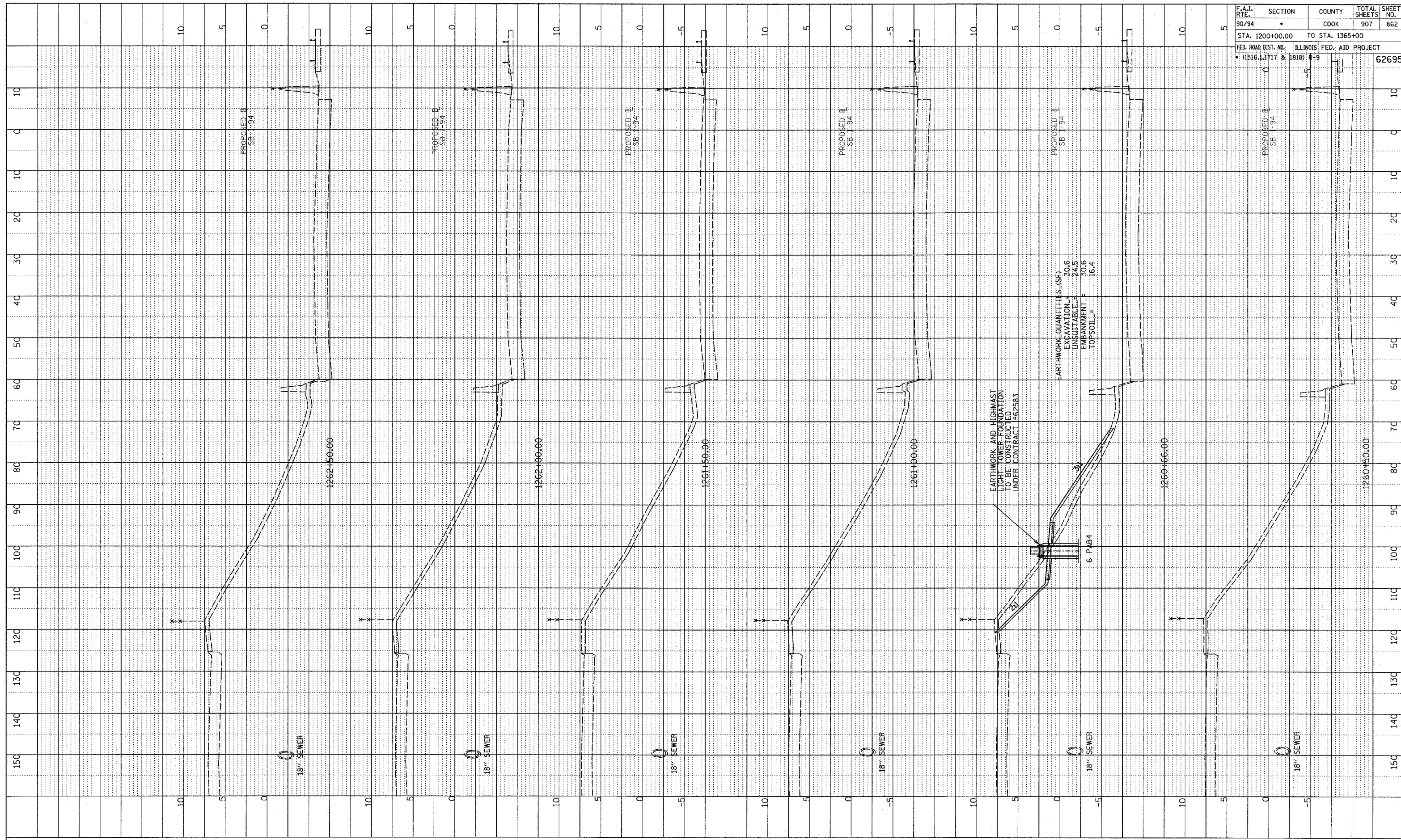
TYLIN INTERNATIONAL



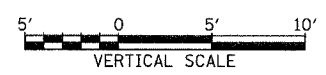
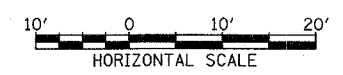
SB 87th ST. ENTRANCE RAMP
 STA. 1257+00 TO STA. 1258+00

PROF. ILL. SURVEYED
 NOTE BOOK GRADES CHECKED
 NO. DATE AND INITIALS
 SIGNATURE NOTARIS CHAD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	862
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
(1516, 1, 1717 & 1818) R-9		62695		



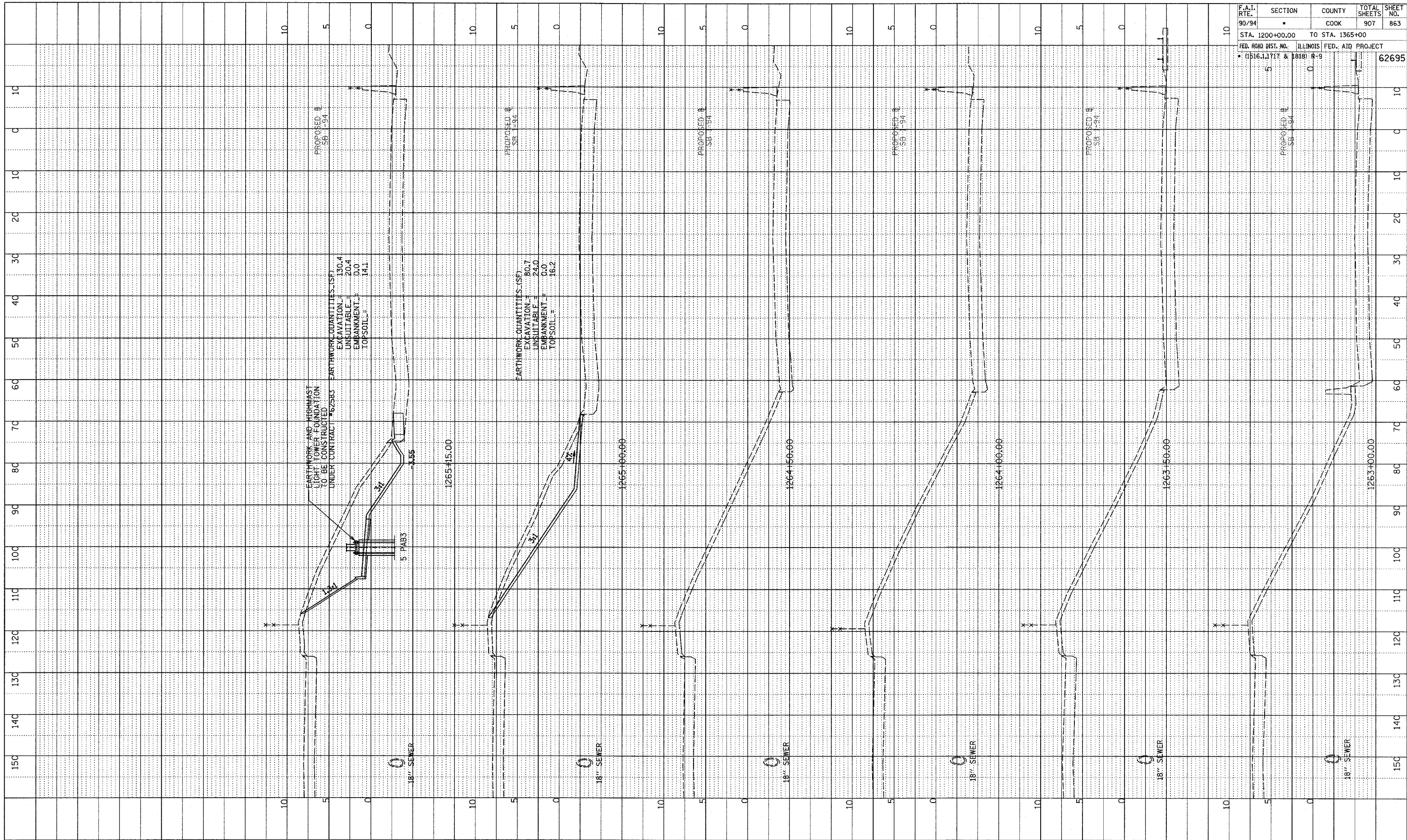
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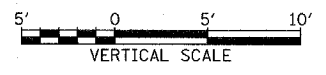
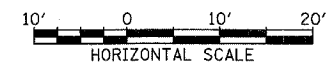
SB 87th ST. EXIT RAMP
 STA. 1260+50 TO STA. 1262+50

PROFILE SUPERVIEW
 PLOTTED/RENDERED
 NOTE BOOK
 NO. _____
 STRUCTURE NOTATION CHKD
 DATE _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	863
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
• (0516.12717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

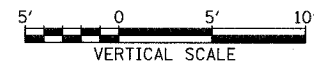
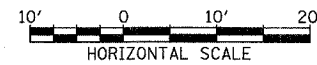


SB 87th ST. EXIT RAMP
STA. 1263+00 TO STA. 1265+15

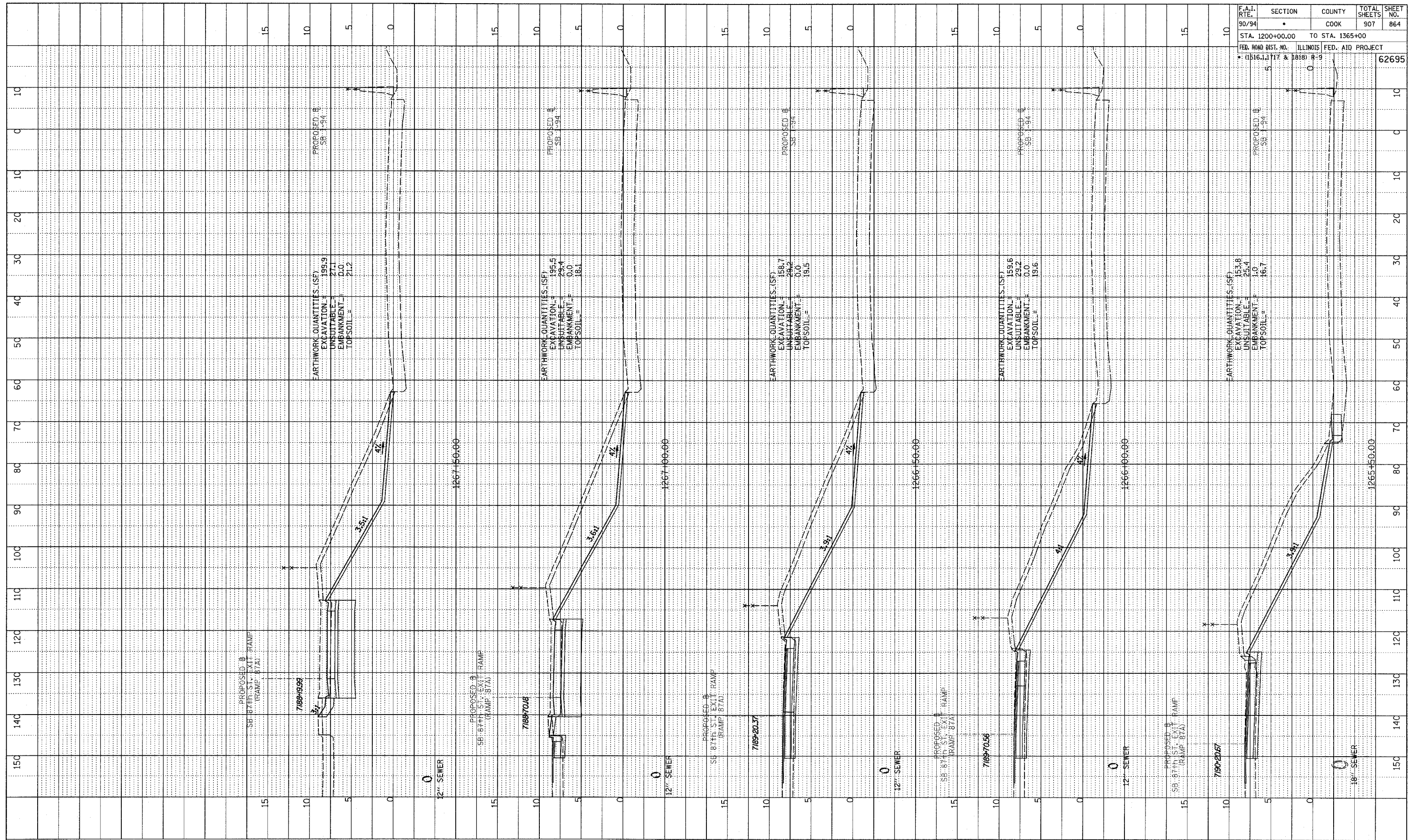
PA02373/road00/Drawn/1/Pass/810_a.dwg

SURVEYED
 GRADES CHECKED
 B.M. NOTED
 ELEVATION NOTATIONS OK'D
 NO. _____

TYLIN INTERNATIONAL



SB 87th ST. EXIT RAMP
 STA. 1265+50 TO STA. 1267+50

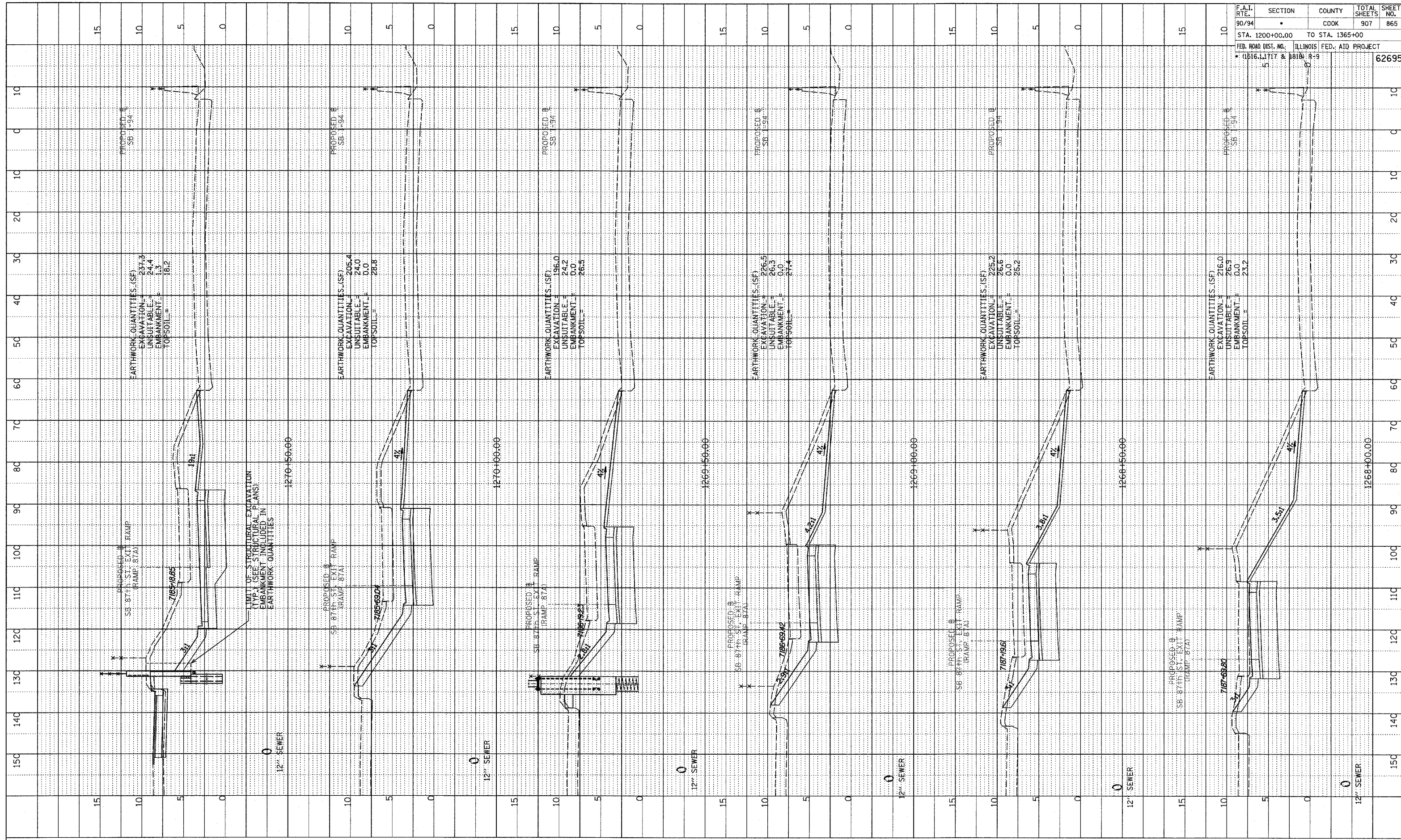


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	864
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
• (1516, 1, 2, 117 & 1818) R-9		62695		

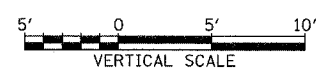
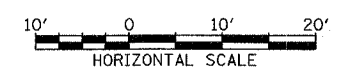
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PROF ILL SURVEYED
 GRADES CHECKED
 PLAN NOTED
 ELEVATION NOTATION CHKD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	865
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		R-9		62695



TYL IN INTERNATIONAL



SB 87th ST. EXIT RAMP
 STA. 1268+00 TO STA. 1270+50

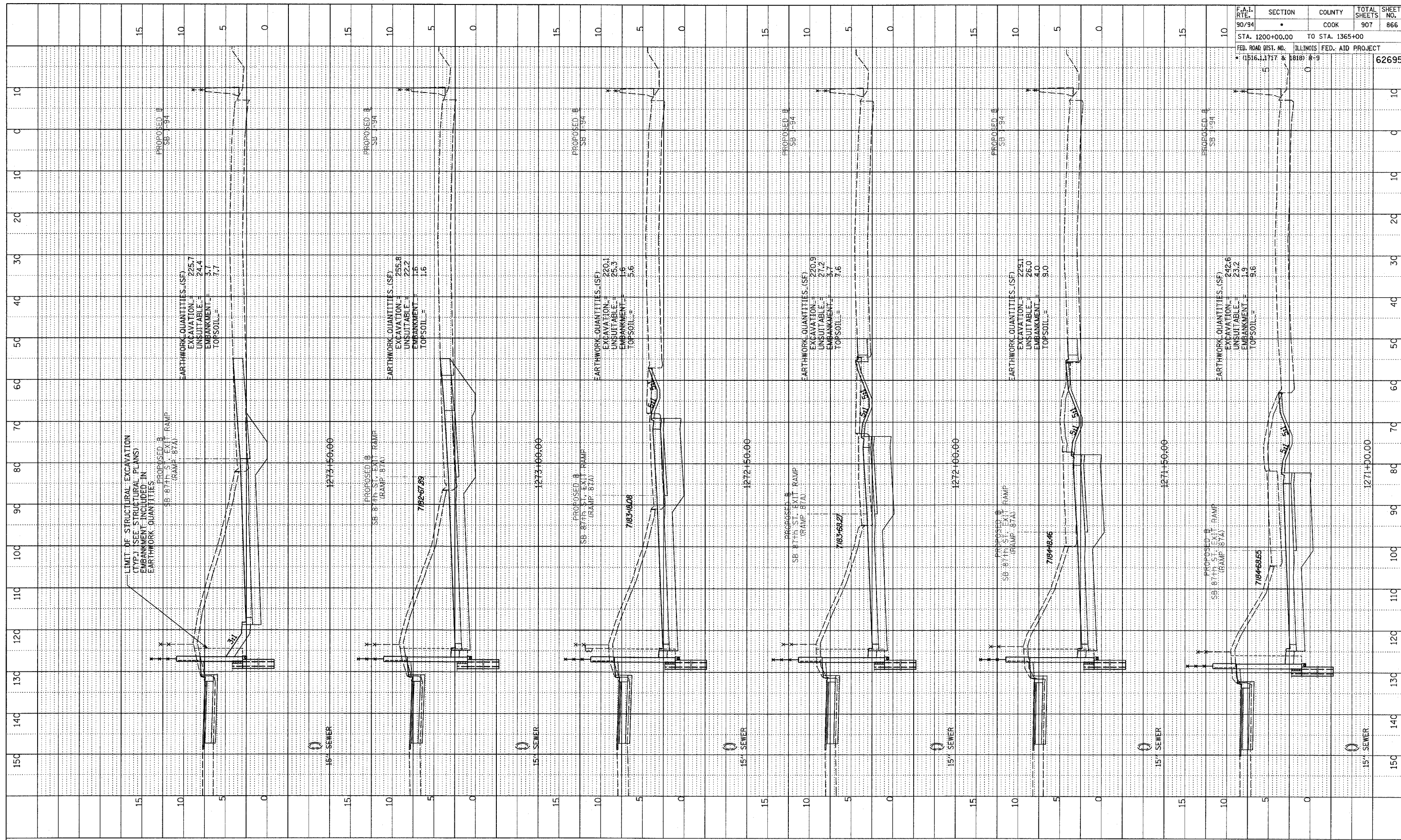
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SURVIVED
 CHECKED
 NOTED
 NO.

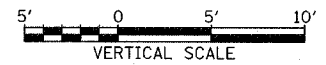
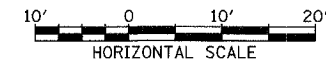
NOTE BOOK
 NO.

STRUCTURE NOTATIONS (RAMP)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	866
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
		• (1516, 1, 1717 & 1818) R-9		
				62695



TYLIN INTERNATIONAL



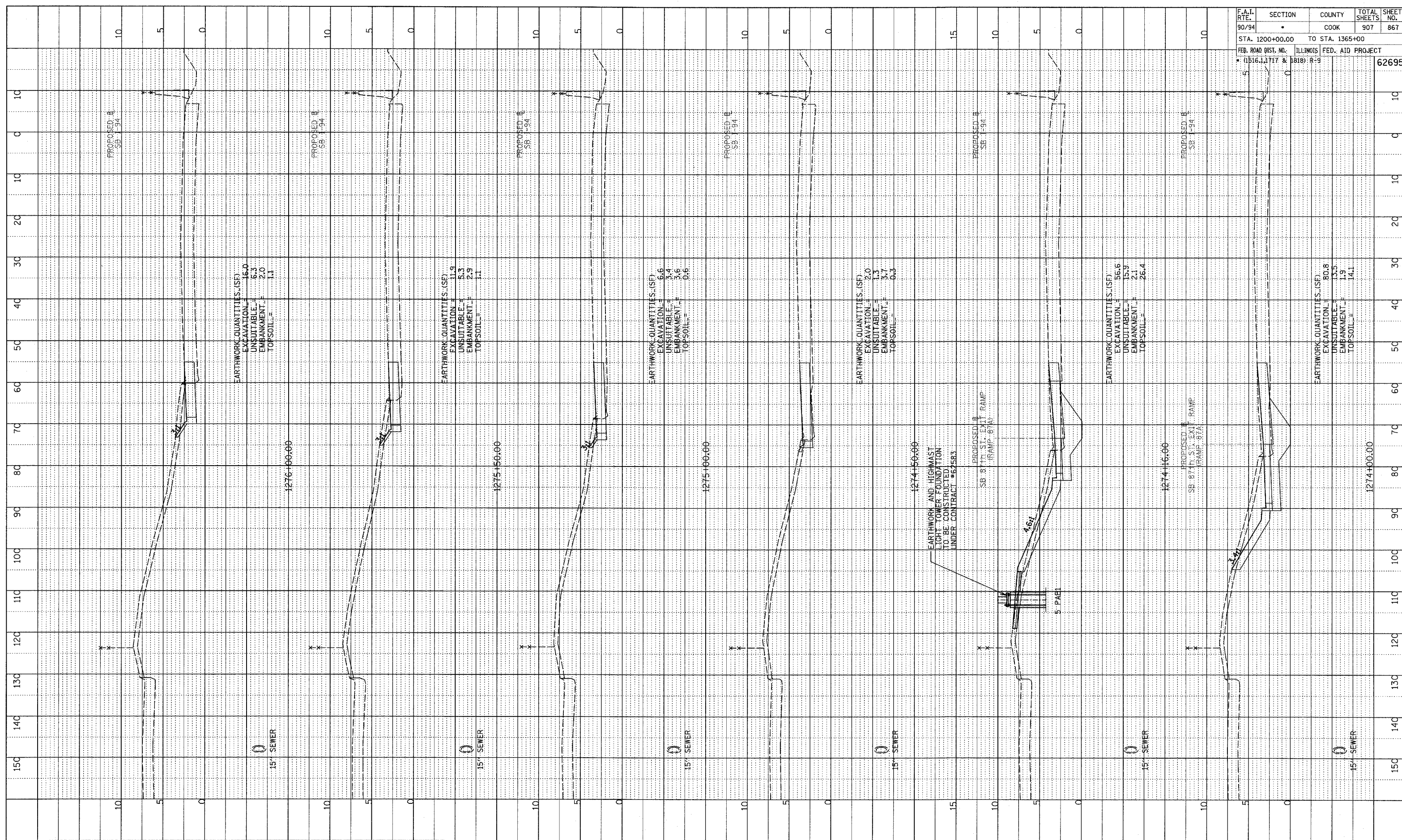
SB 87th ST. EXIT RAMP
 STA. 1271+00 TO STA. 1273+50

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PROF. ILL. SURVEYED (GRADES CHECKED) (ELEV. NOTED) (NO. OF INSTRUMENT NOTATIONS CHECKED)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	867

STA. 1200+00.00 TO STA. 1365+00
FEB. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
• (1516,1,1717 & 1818) R-9
62695



EARTHWORK QUANTITIES (SF)
EXCAVATION = 16.0
UNSUITABLE = 6.3
EMBANKMENT = 2.0
TOPSOIL = 1.1

EARTHWORK QUANTITIES (SF)
EXCAVATION = 11.9
UNSUITABLE = 5.3
EMBANKMENT = 2.9
TOPSOIL = 1.1

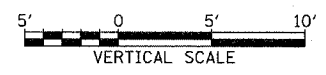
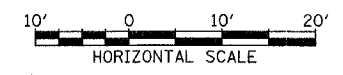
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EXCAVATION = 6.6
UNSUITABLE = 3.4
EMBANKMENT = 3.6
TOPSOIL = 0.6

EARTHWORK QUANTITIES (SF)
EXCAVATION = 2.0
UNSUITABLE = 1.3
EMBANKMENT = 3.7
TOPSOIL = 0.3

EARTHWORK QUANTITIES (SF)
EXCAVATION = 56.6
UNSUITABLE = 15.9
EMBANKMENT = 2.1
TOPSOIL = 26.4

EARTHWORK QUANTITIES (SF)
EXCAVATION = 80.8
UNSUITABLE = 13.5
EMBANKMENT = 1.9
TOPSOIL = 14.1

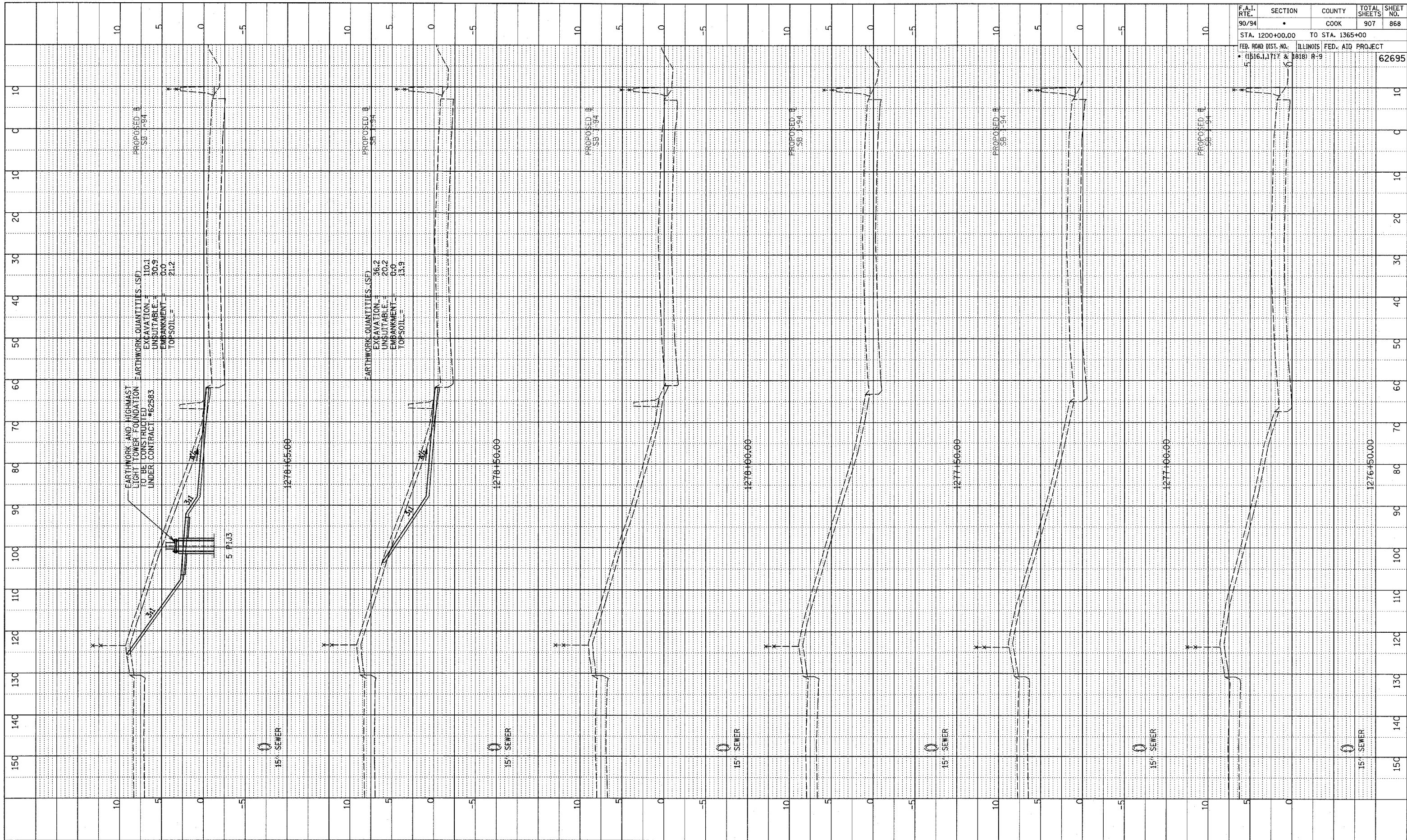
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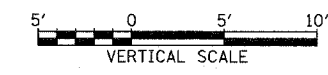
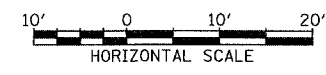
SB 87th ST. EXIT RAMP
STA. 1274+00 TO STA. 1276+00

DATE _____
 PROFILE SURVEYED _____
 PLOTTED & CHECKED _____
 NOTE BOOK NO. _____
 STRUCTURE NOTATION CHKD _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	868
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. 1516.1, 1717 & 1818 R-9		ILLINOIS FED. AID PROJECT		
				62695



TYLIN INTERNATIONAL

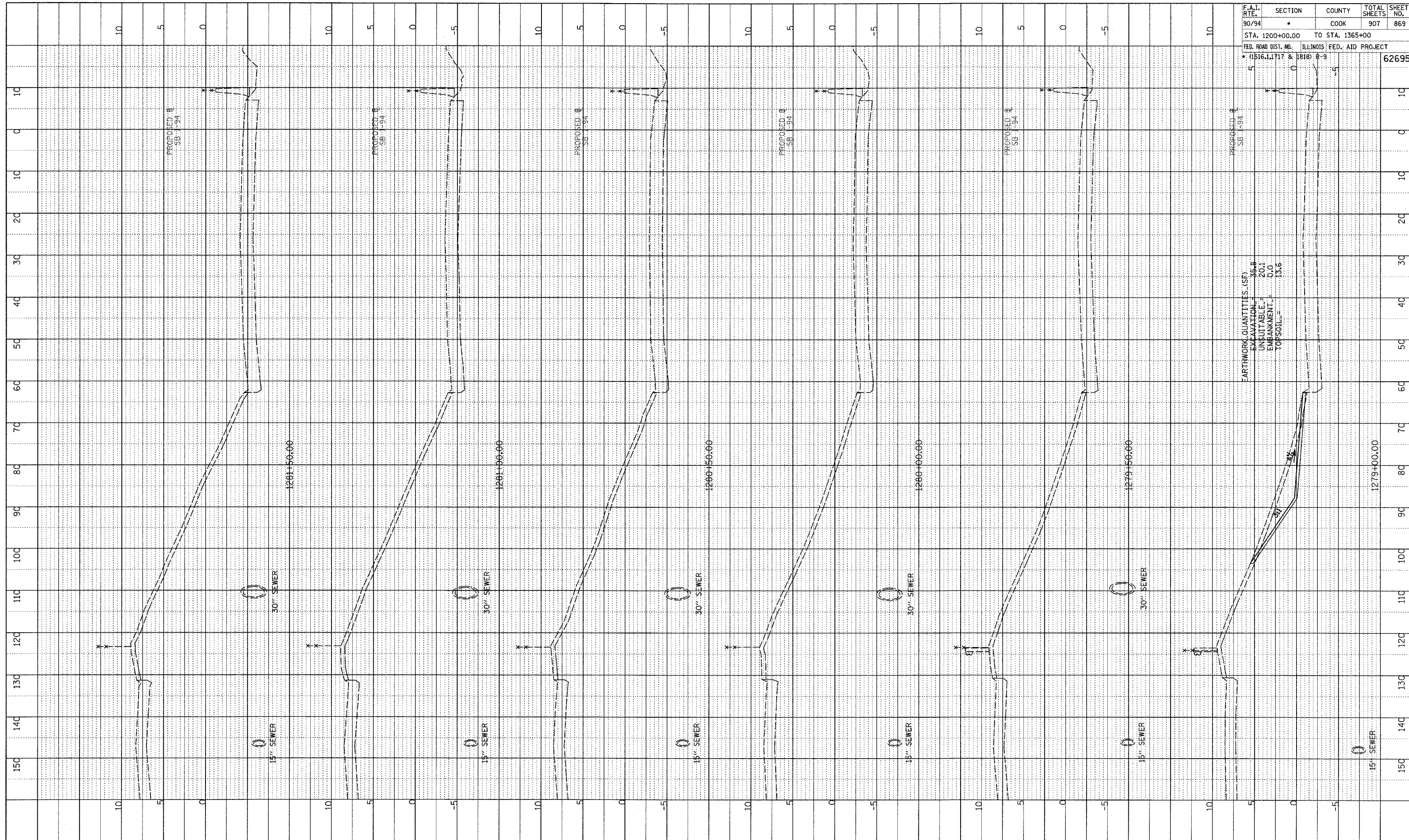


SB 87th ST. EXIT RAMP
 STA. 1276+50 TO STA. 1278+65

PA02313 road.ctb (page 1) (scale 1/4")

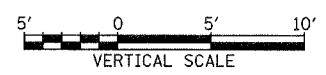
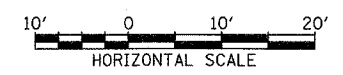
PROFILE SHOWN
 GRADES CHECKED
 B.M. NOTED
 SURVEY NOTES CHK'D

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	869
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-9				62695



EARTHWORK QUANTITIES (SF)
 EXCAVATION = 35.8
 UNSUITABLE = 20.1
 EMBANKMENT = 0.0
 TOPSOIL = 13.6

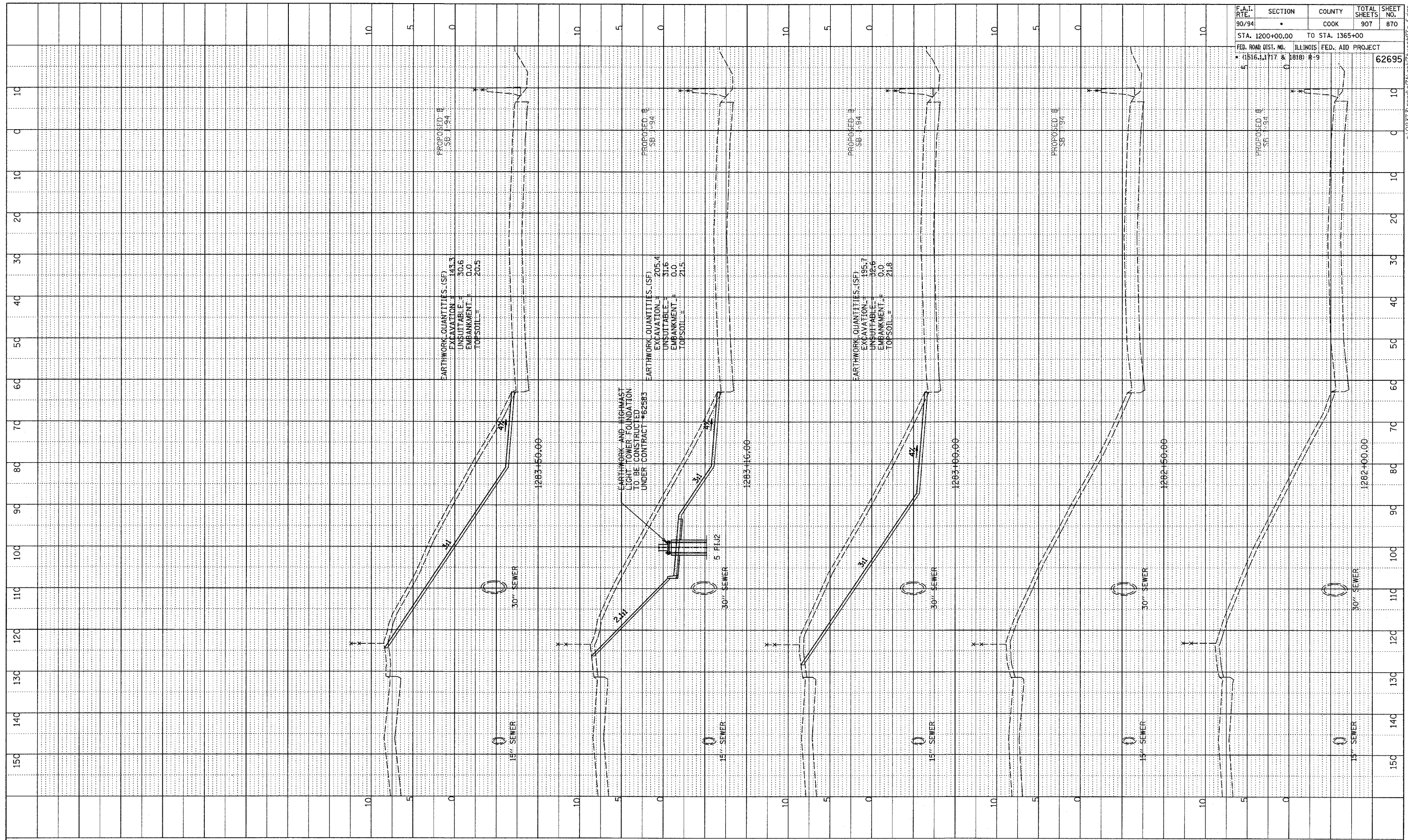
TYLIN INTERNATIONAL



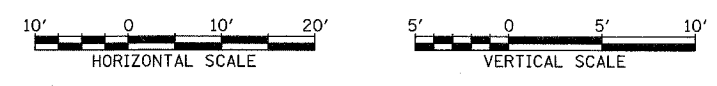
SB 87th ST. EXIT RAMP
 STA. 1279+00 TO STA. 1281+50

PROFILE
 SURVEYED
 GRADES CHECKED
 B.M. NOTED
 STRUCTURE NOTATIONS OK'D
 NO.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	870
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-9				
			62695	



TYLIN INTERNATIONAL

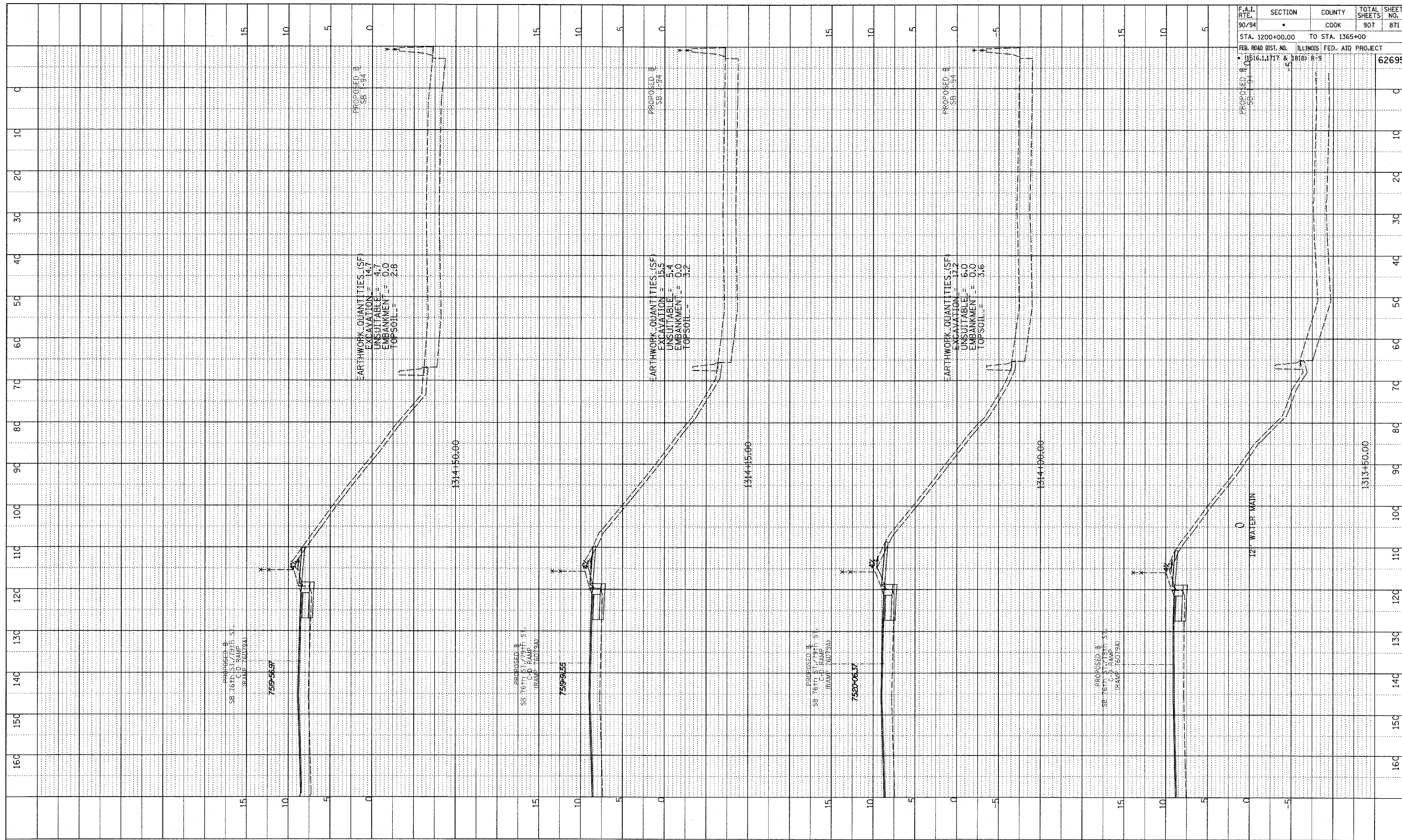


SB 87th ST. EXIT RAMP
 STA. 1282+00 TO STA. 1283+50

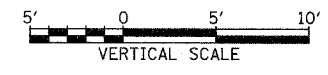
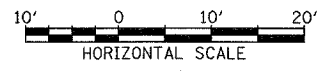
A-02373 road 90/94 SB 87th St Exit Ramp

PROFILE SURVEYED
 GRADES CHECKED
 ELEV. NOTED
 NO. STRUCTURE NOTATIONS CHECKED

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	871
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 1516.1, 1717 & 1818; R-9		62695		



TYLIN INTERNATIONAL

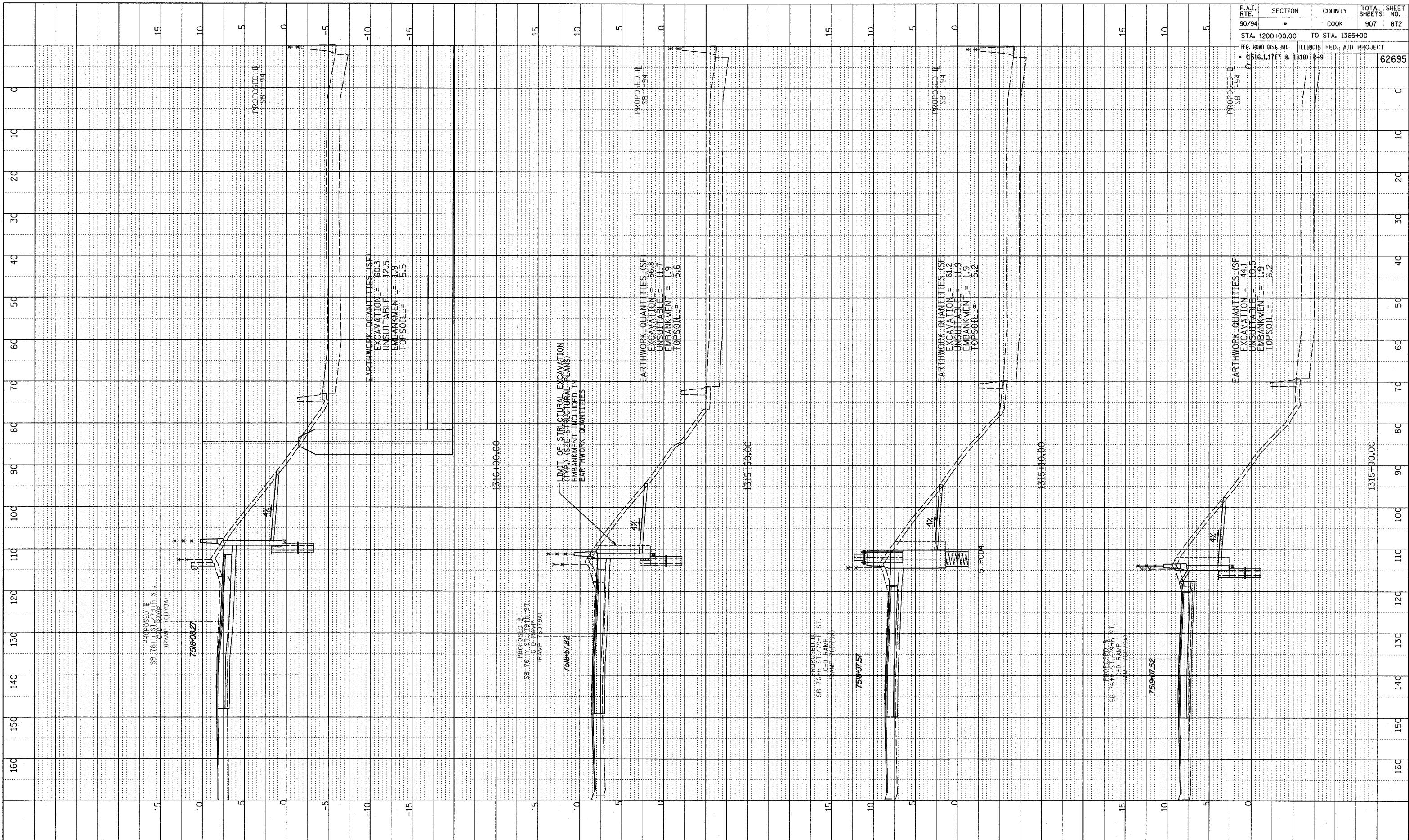


SB 76th to 79th ST. CD RAMP
STA. 1313+50 TO STA. 1314+50

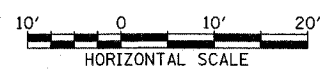
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PLOTTED AND CHECKED
 DATE: 11/11/94
 NO. _____
 STRUCTURE NOTATIONS: CHFD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	872
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1, 1717 & 1818) R-9				
				62695



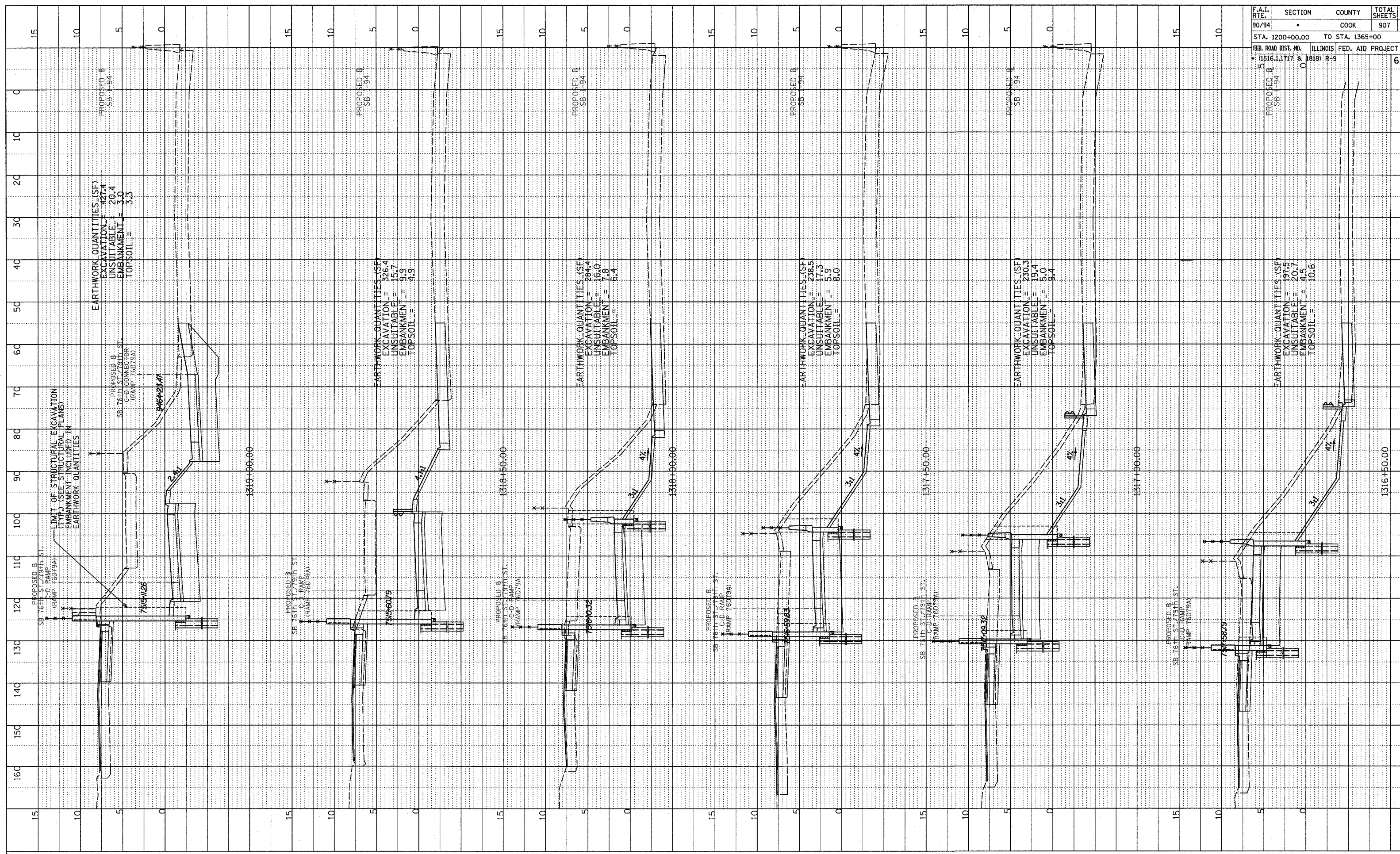
TYLIN INTERNATIONAL



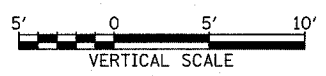
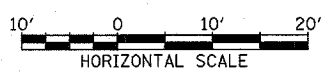
SB 76th TO 79th ST. CD RAMP
 STA. 1315+00 TO STA. 1316+00

F:\02-31-Road\CD RAMP\76079A\872.dwg

F.A.I. RTE. 90/94	SECTION	COUNTY COOK	TOTAL SHEETS 907	SHEET NO. 873
STA. 1200+00.00 TO STA. 1365+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 1516.11717 & 1818 R-9		62695		



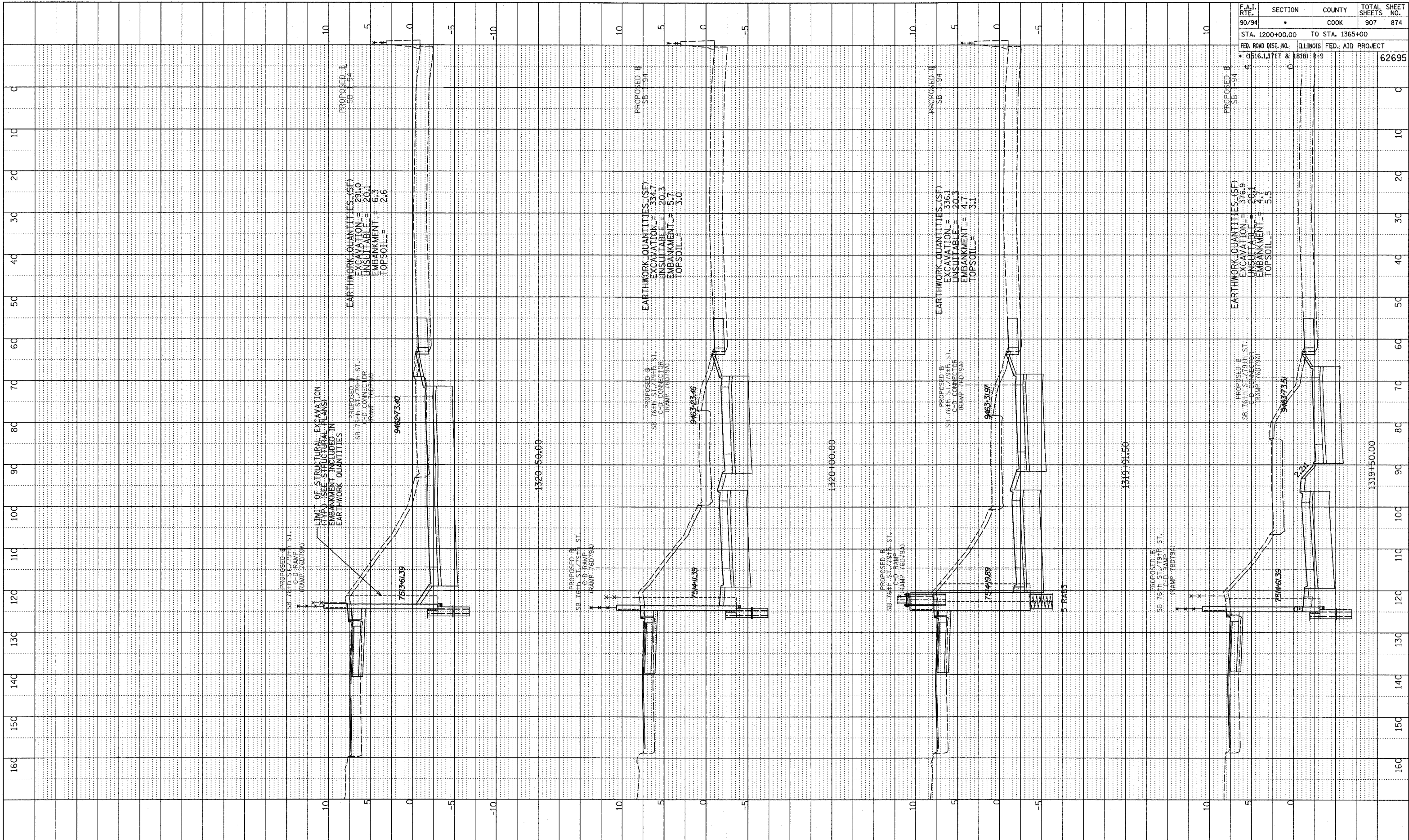
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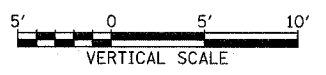
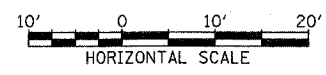
SB 76th TO 79th ST. CD RAMP
STA. 1316+50 TO STA. 1319+00

NOTE BOOK
 NO. _____
 PLOTTED
 BY _____
 CHECKED
 BY _____
 STRUCTURE NOTATION CHKD
 NO. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	874
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 1516.1, 1717 & 1818: P-9				62695



TYLIN INTERNATIONAL

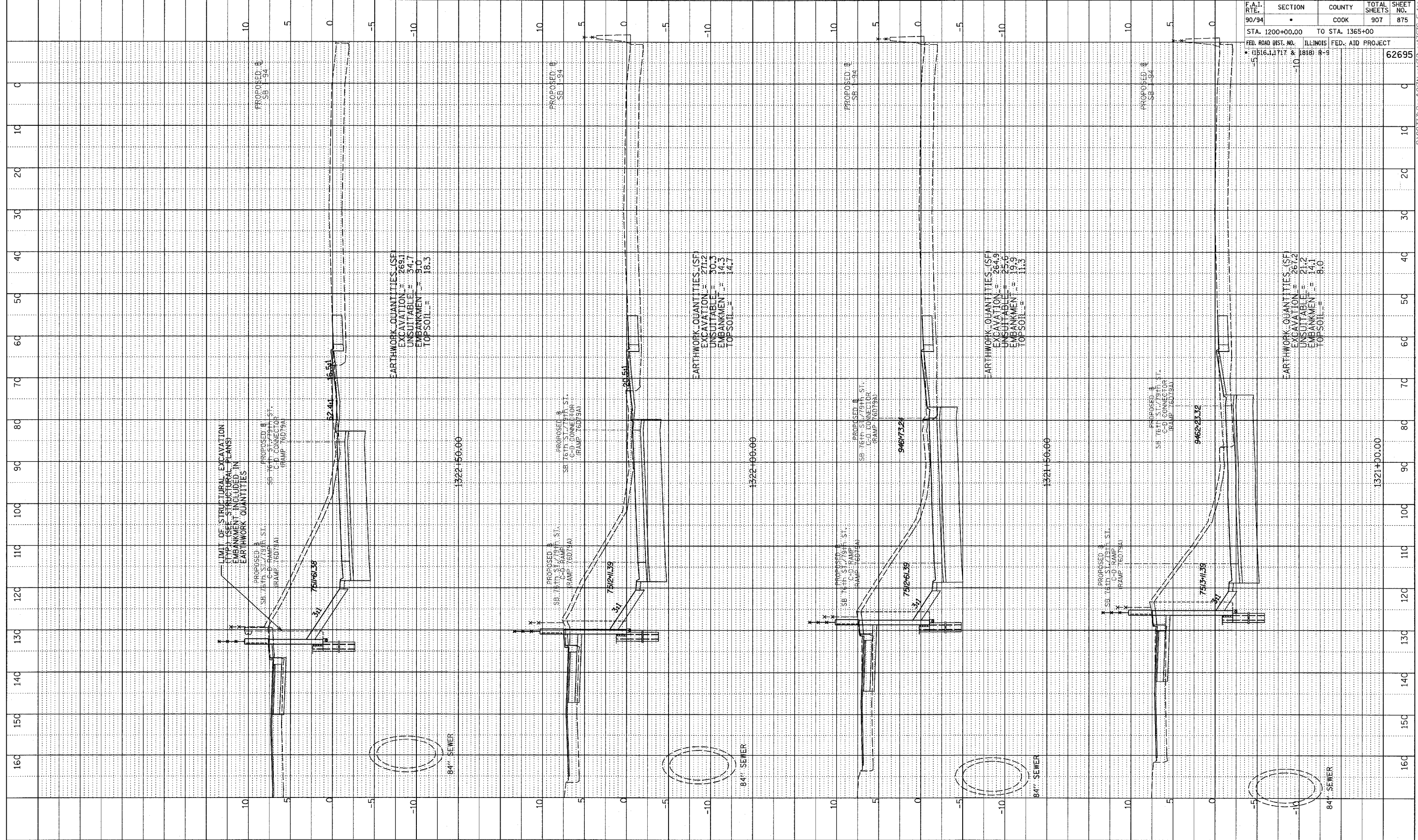


SB 76th TO 79th ST. CD RAMP
 STA. 1319+50 TO STA. 1320+50

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PROF. ILL. SHEETED
 GRADES CHECKED
 S.M. NOTED
 STRUCTURE NOTATIONS CTR'D

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	875
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-9				
				62695



TYLIN INTERNATIONAL

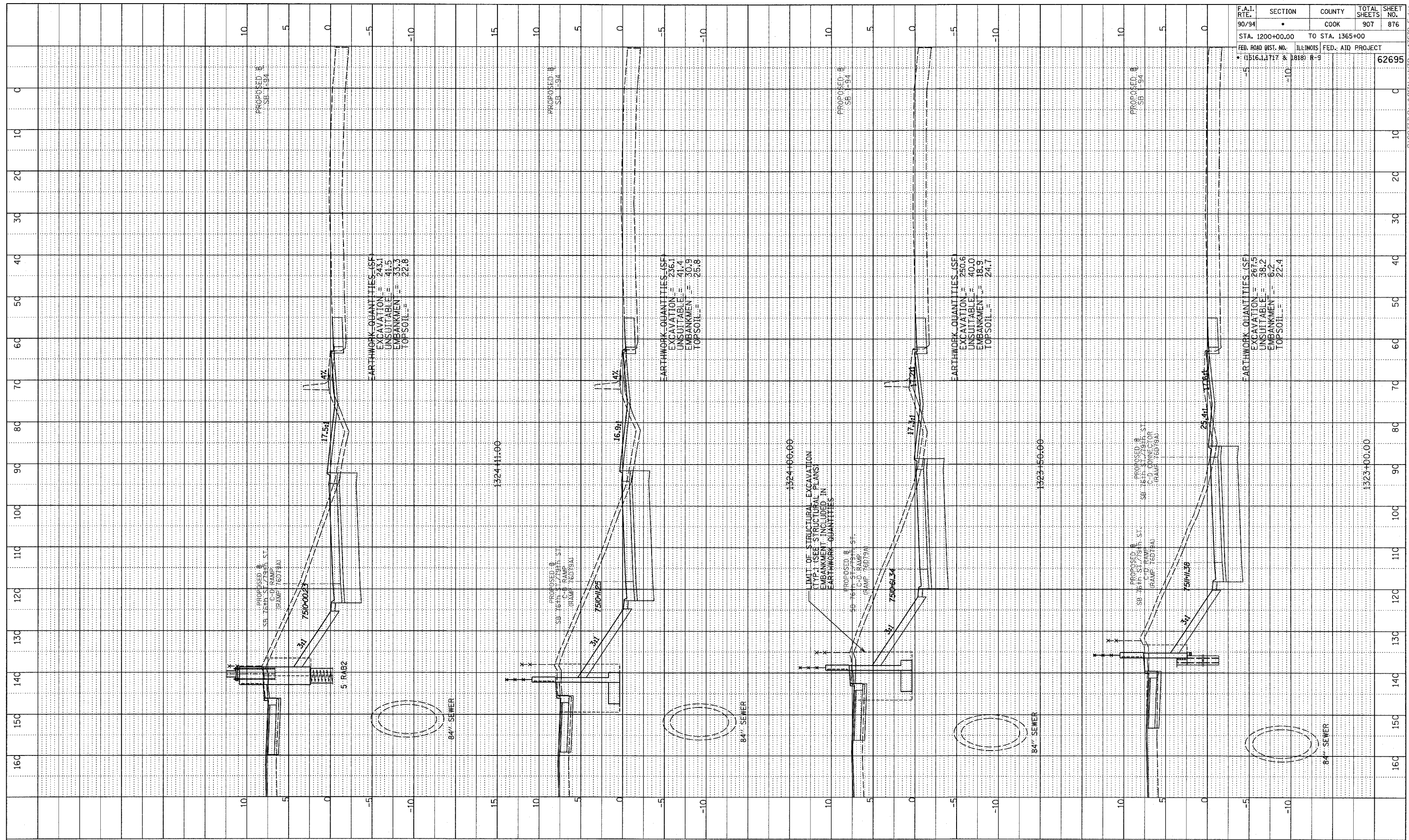


SB 76th TO 79th ST. CD RAMP
 STA. 1321+00 TO STA. 1322+50

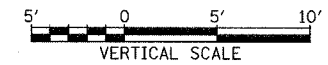
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PROFILE
 GRADES CHECKED
 NO. NOTED
 STRUCTURE NOTATIONS CHKD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	876
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

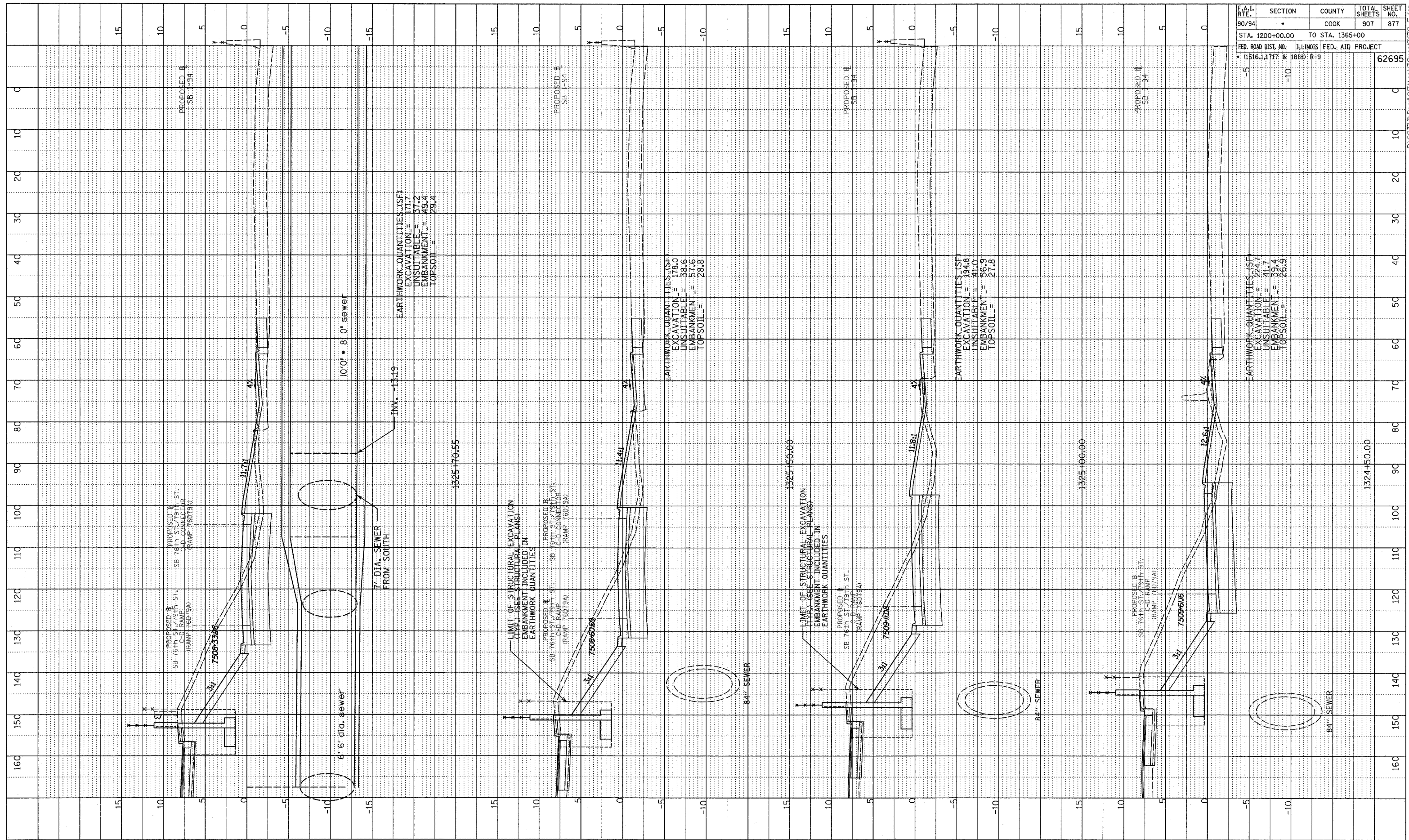


SB 76th TO 79th ST. CD RAMP
STA. 1323+00 TO STA. 1324+11

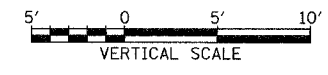
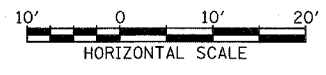
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PROF. ILL. SUBMITTED
 GRADES CHECKED
 E.M. NOTED
 NO. STRUCTURE NOTATIONS CH/RS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	877
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516, 13717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

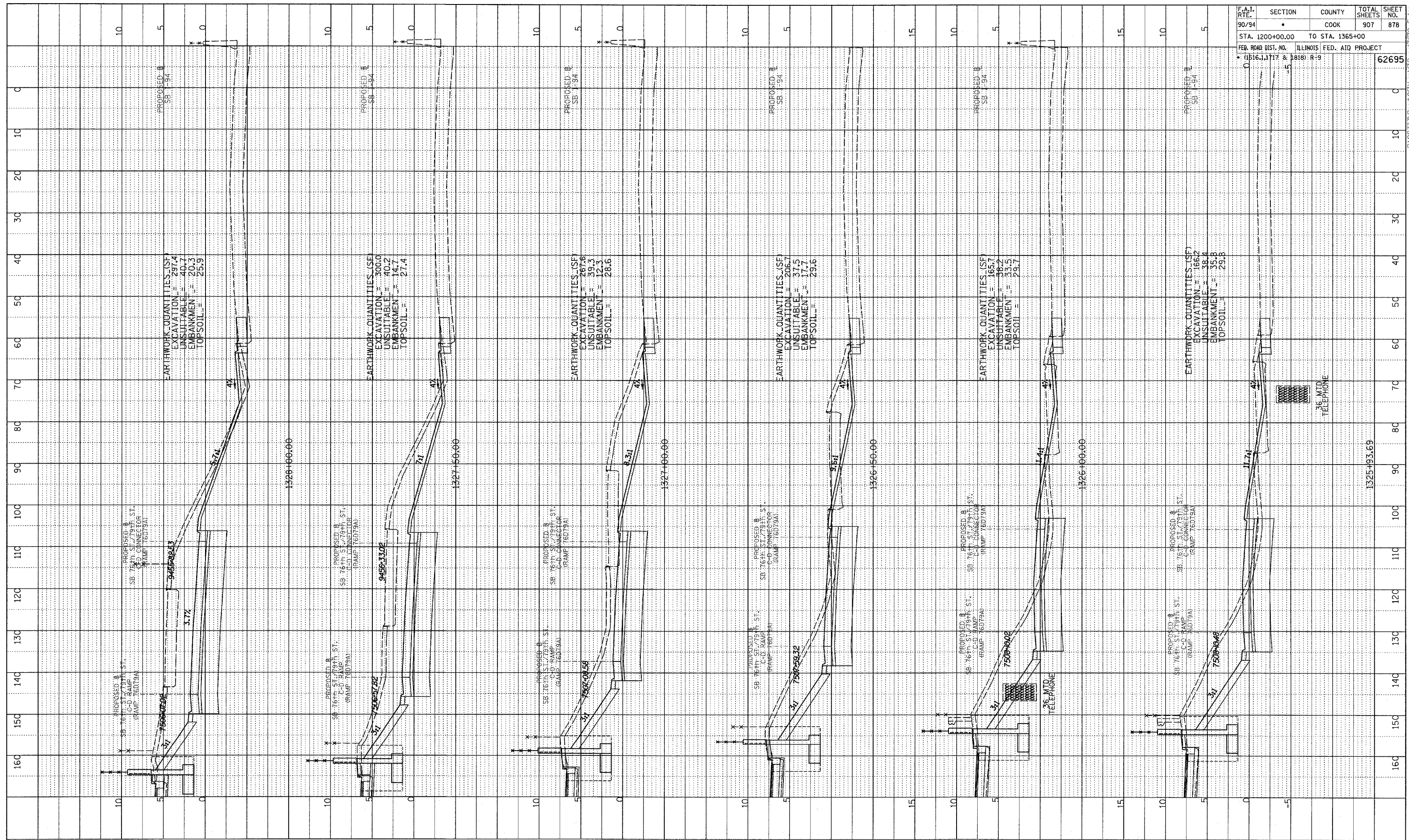


SB 76th TO 79th ST. CD RAMP
 STA. 1324+50 TO STA. 1325+70

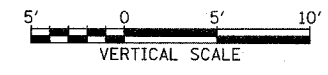
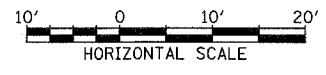
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PROFILE
 GRADES CHECKED
 ELEVATIONS NOTED
 STRUCTURE NOTATIONS CHECKED
 NO.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/34		COOK	907	878
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• 1516, 1177 & 1818: R-9		62695		



TYLIN INTERNATIONAL

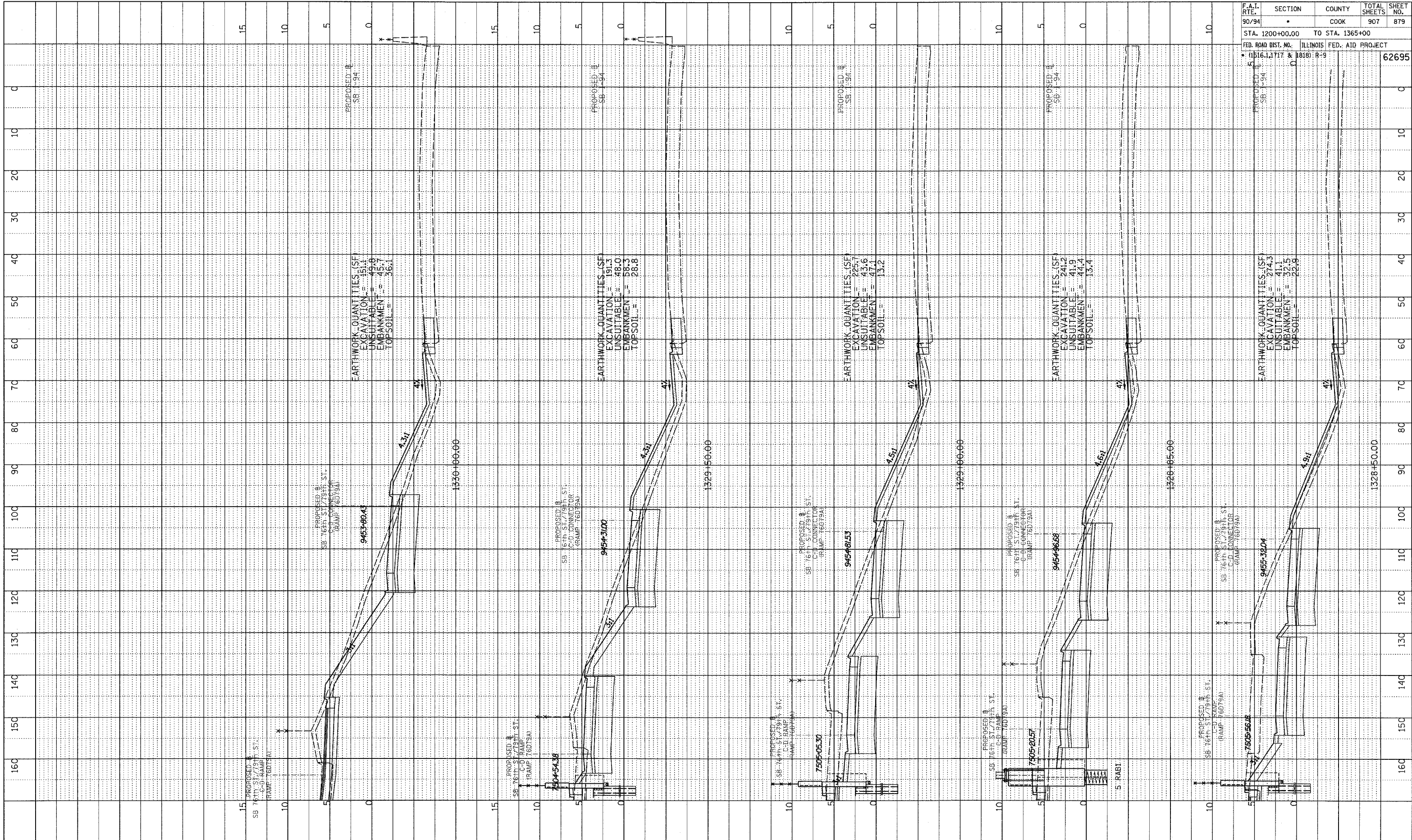


SB 76th TO 79th ST. CD RAMP
STA. 1325+93 TO STA. 1328+00

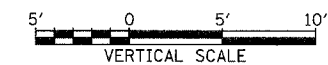
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NOTE BOOK
NO. _____
GRADES CHECKED
STRUCTURE NOTATION OKWD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	879
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-9		62695		



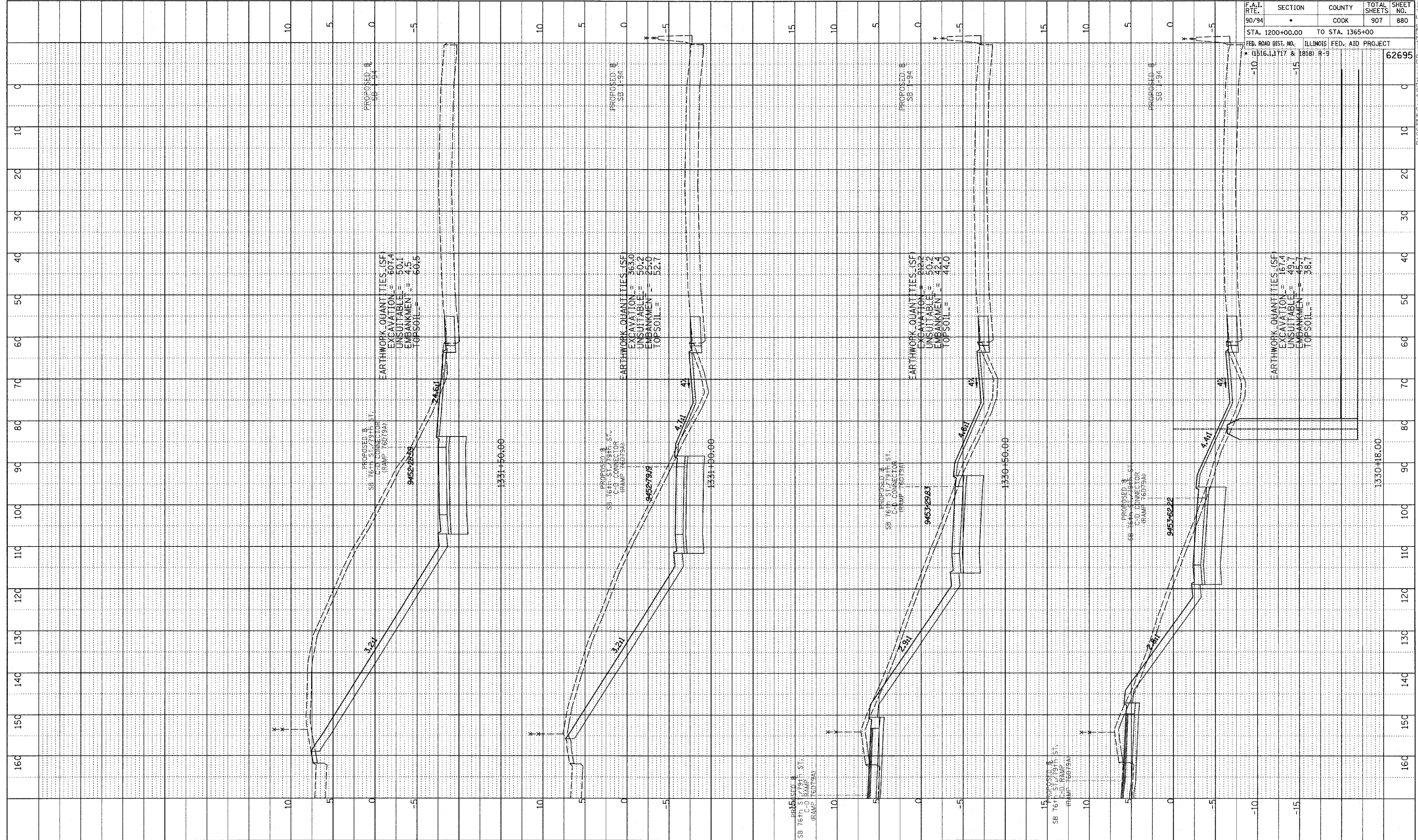
TYLIN INTERNATIONAL



SB 76th TO 79th ST. CD RAMP
STA. 1328+50 TO STA. 1330+00

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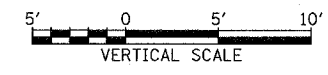
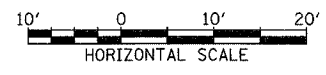
PROFILE SURVEYED
 GRADES CHECKED
 B.M. NOTED
 STRUCTURE NOTATIONS CIRCLED
 NO.



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	880

STA. 1200+00.00 TO STA. 1365+00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 • (1516.1,1717 & 1818) R-9
 62695

TYLIN INTERNATIONAL

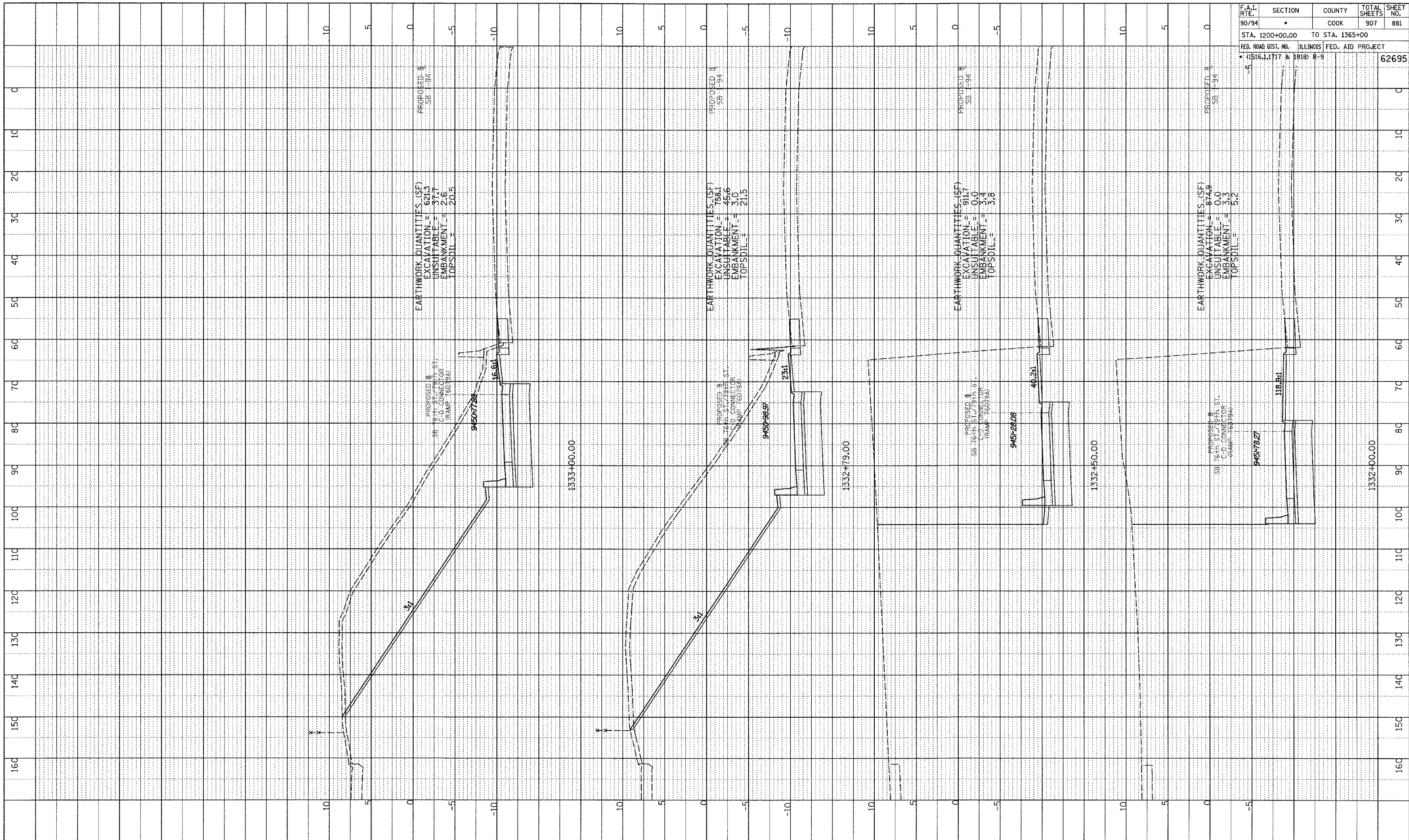


SB 76th TO 79th ST. CD RAMP
STA. 1330+18 TO STA. 1331+50

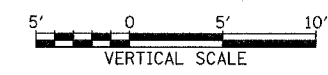
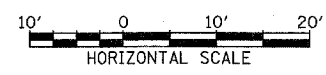
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PLOTTED
 GRADES CHECKED
 STRUCTURE NOTATIONS OK'D
 NO. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	881
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-9		62695		



TYLIN INTERNATIONAL

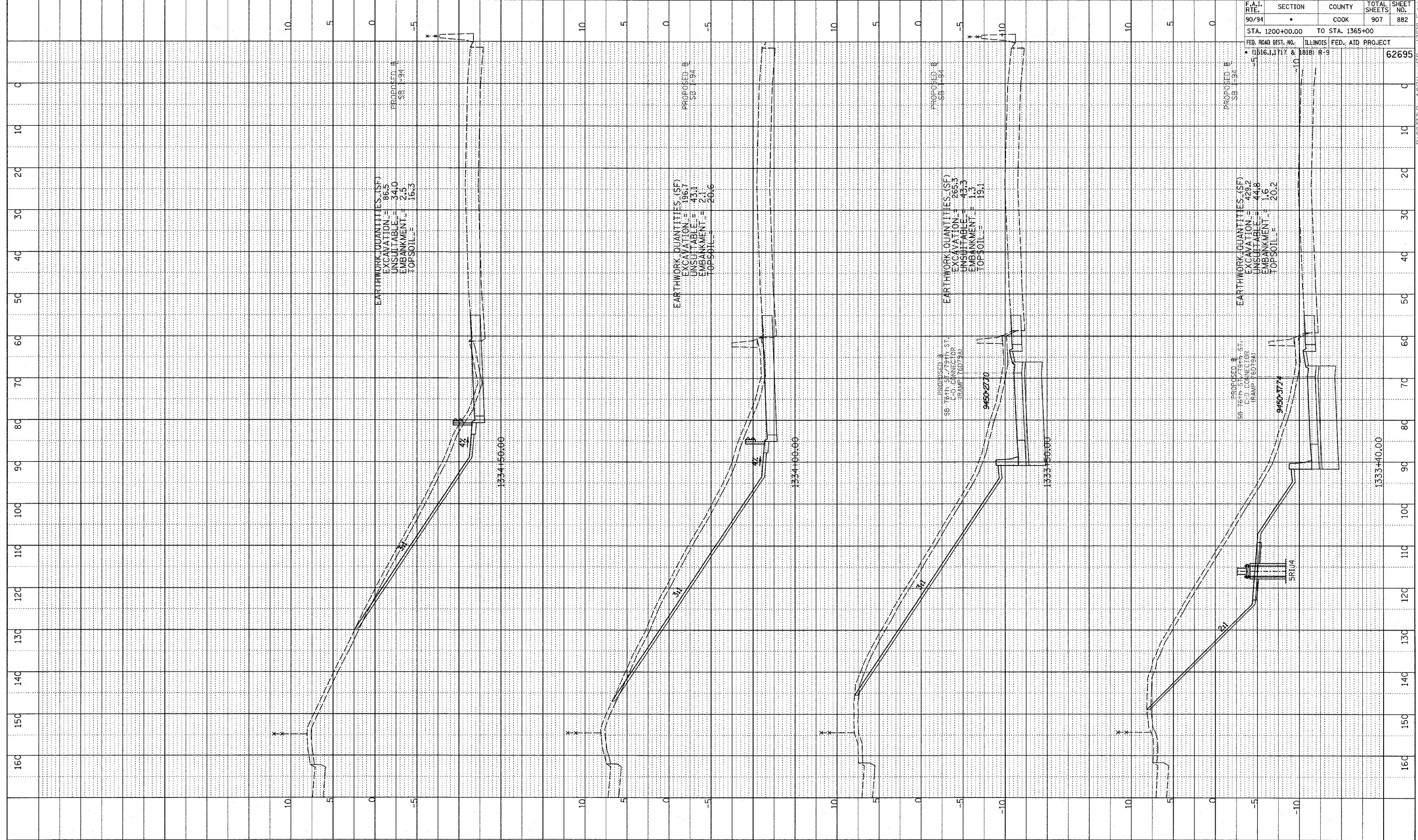


SB 76th TO 79th ST. CD RAMP
 STA. 1332+00 TO STA. 1333+00

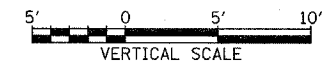
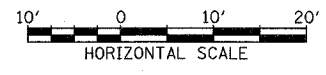
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PROFILL SURVEYED
 GRADES CHECKED
 ELEV. NOTED
 STRUCTURE NOTATIONS OK'D

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	882
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		62695		
1516.1, 1717 & 1818) R-9				



TYLINT INTERNATIONAL

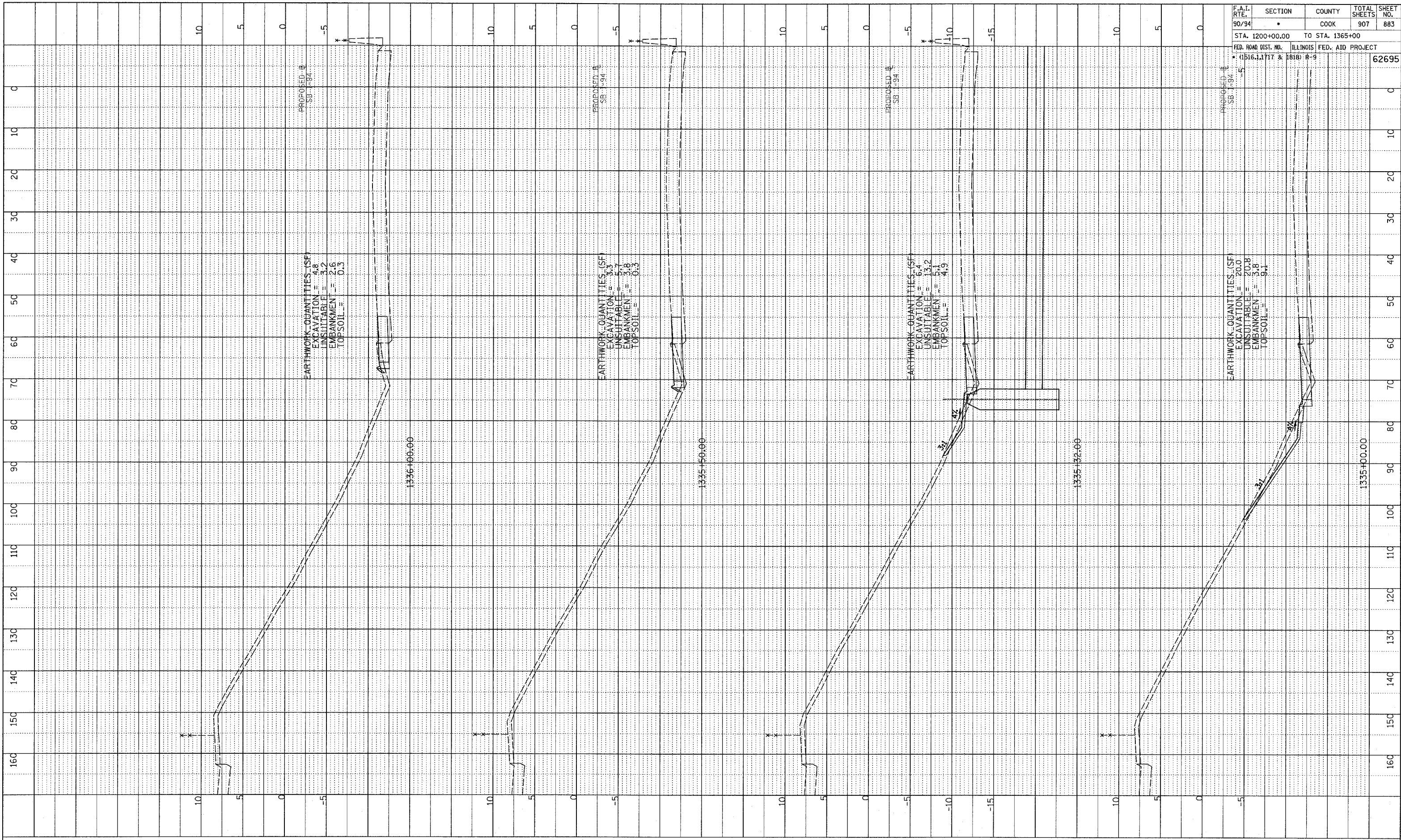


SB 76th TO 79th ST. CD RAMP
 STA. 1333+40 TO STA. 1334+50

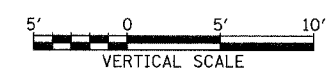
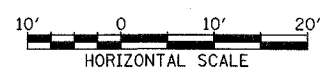
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PLOTTED, CHECKED
 DRAWN, NOTED
 STRUCTURE NOTATIONS OK'D
 NOTE BOOK NO. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	883
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
(1516.1, 1717 & 1818) R-9				
				62695



TYLIN INTERNATIONAL

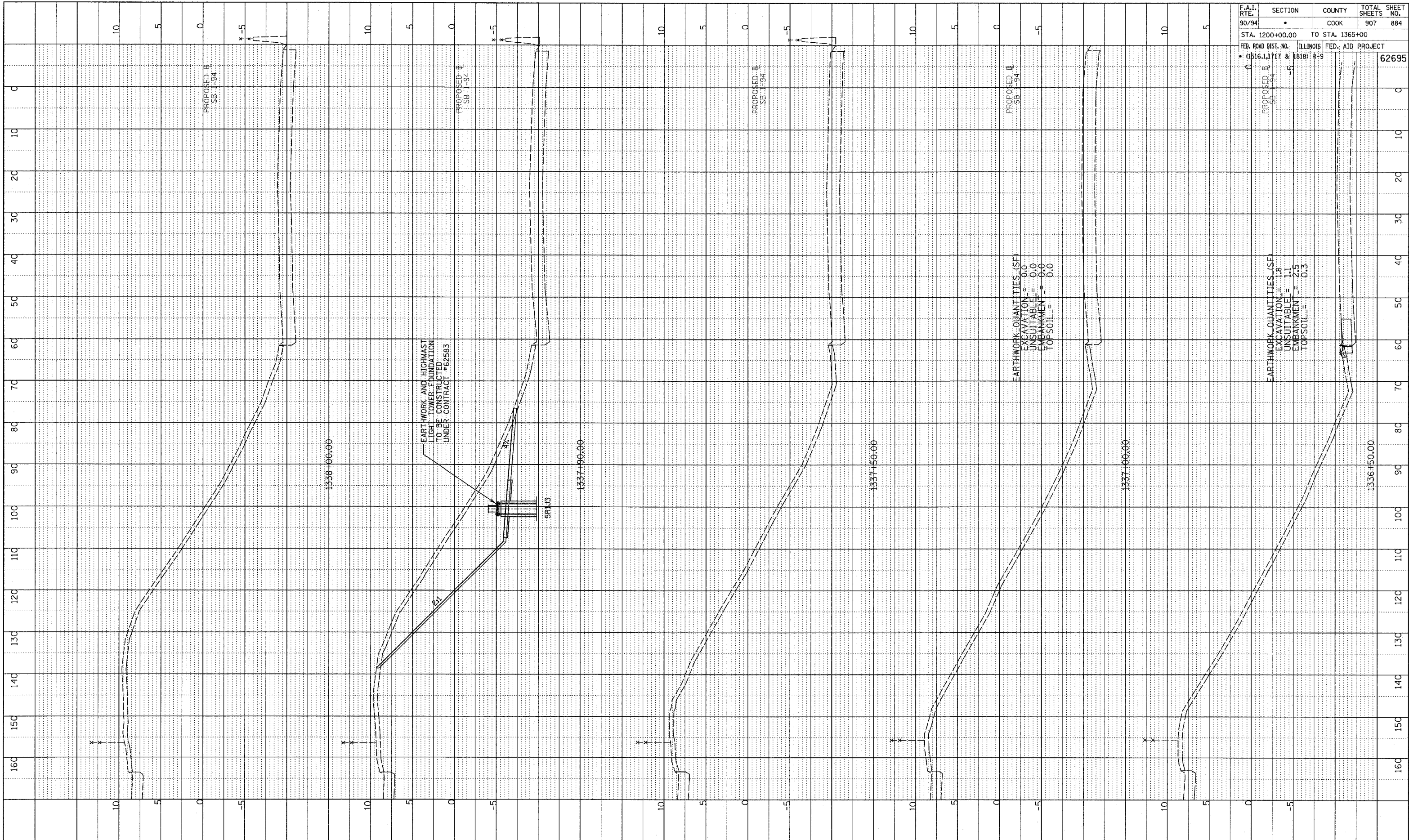


SB 76th TO 79th ST. CD RAMP
 STA. 1335+00 TO STA. 1336+00

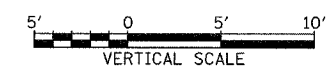
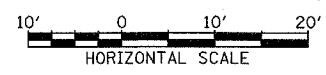
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PLOTTED
 GRADIS CHECKED
 STRUCTURE NOTATIONS CHECKED
 NO. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	884
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.11717 & 1818) R-9		62695		



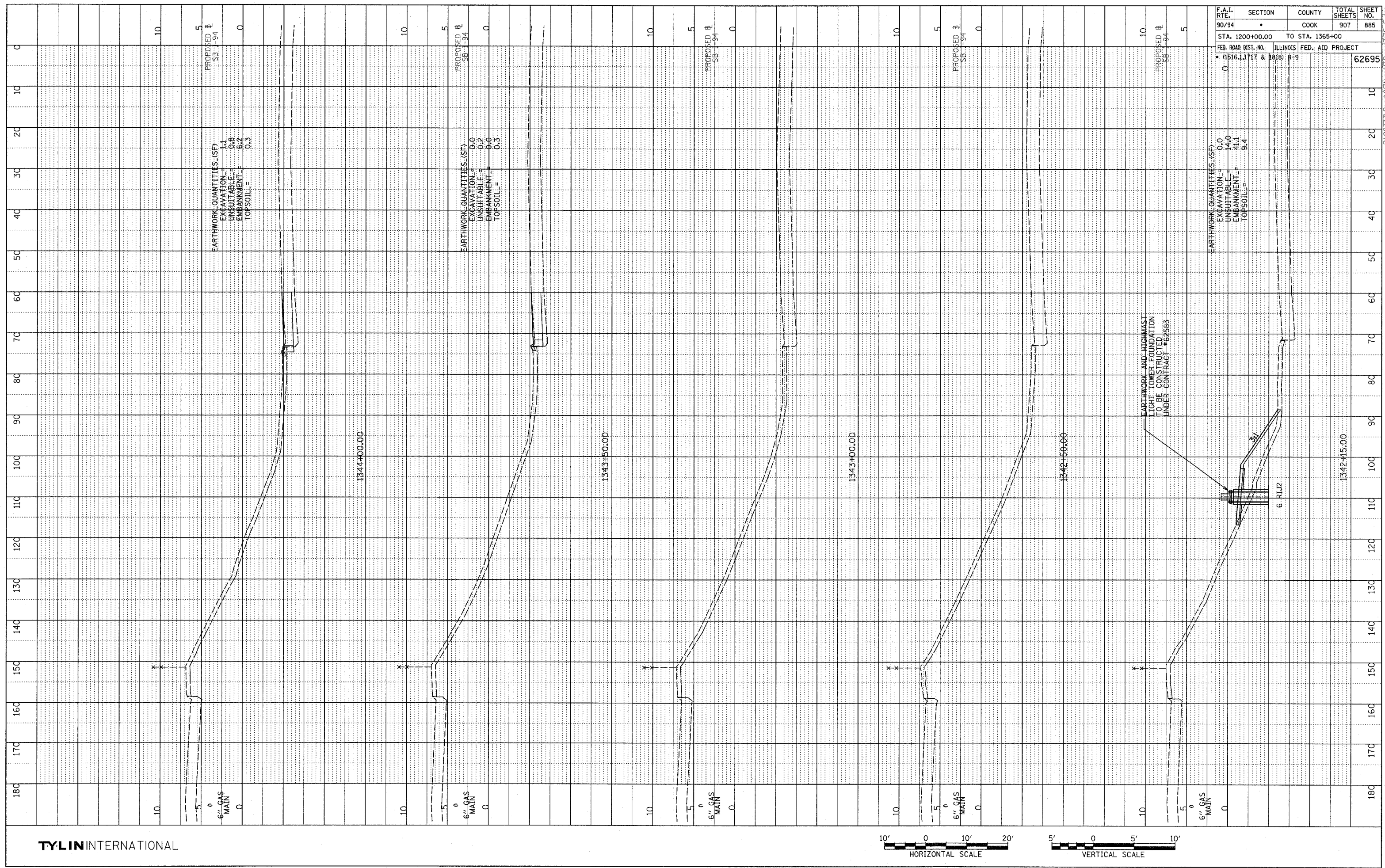
TYLIN INTERNATIONAL



SB 76th TO 79th ST. CD RAMP
 STA. 1336+50 TO STA. 1338+00

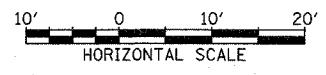
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DRAWING NO. _____
 PROJECT NO. _____
 SHEET NO. _____
 DATE _____
 BY _____
 CHECKED BY _____
 APPROVED BY _____



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	885
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
1516.1, 1717 & 1818 R-9		62695		

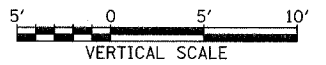
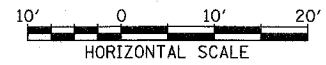
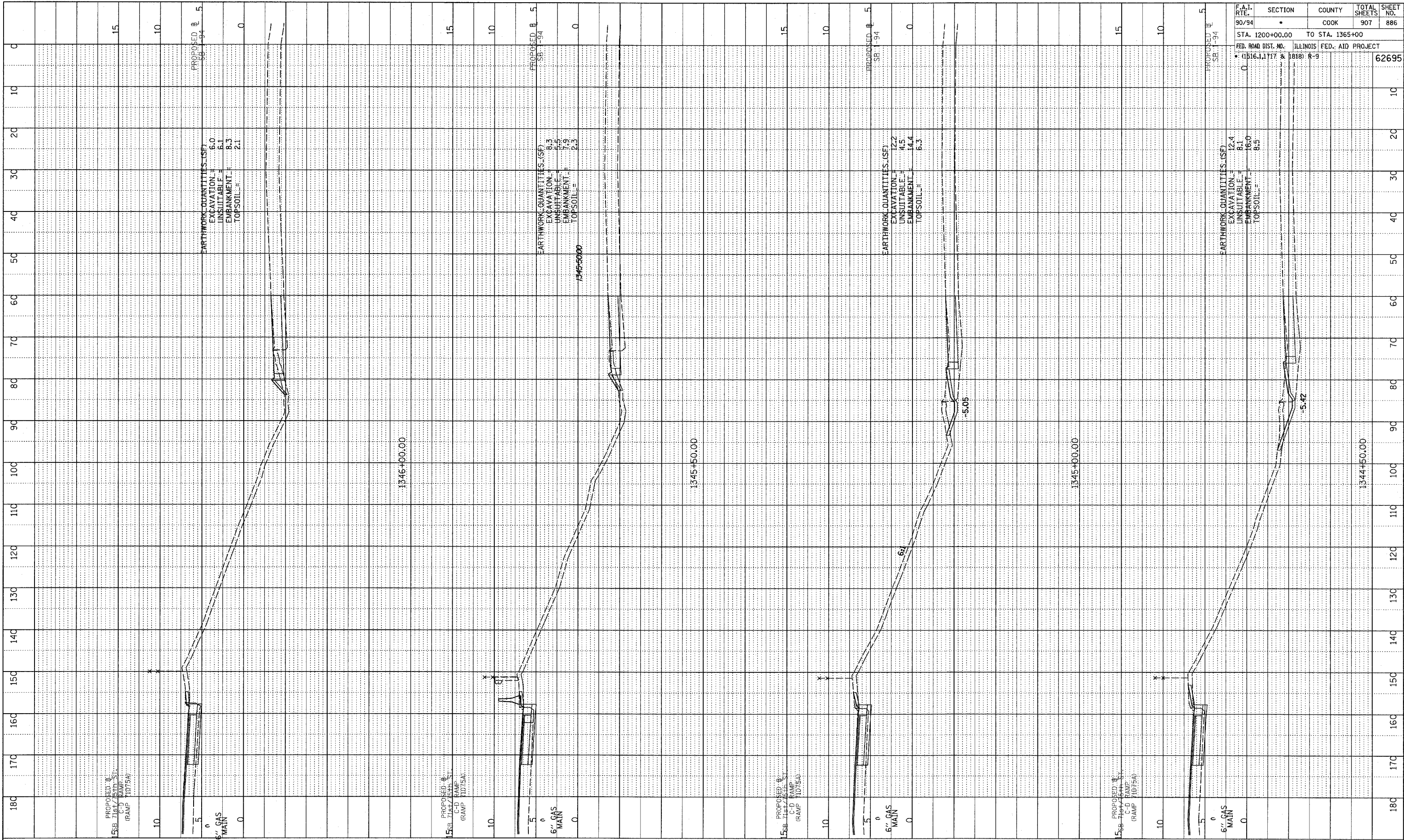
TYLIN INTERNATIONAL



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PLOTTED
CHECKED
NO. _____
STRUCTURE NOTATIONS CH-10

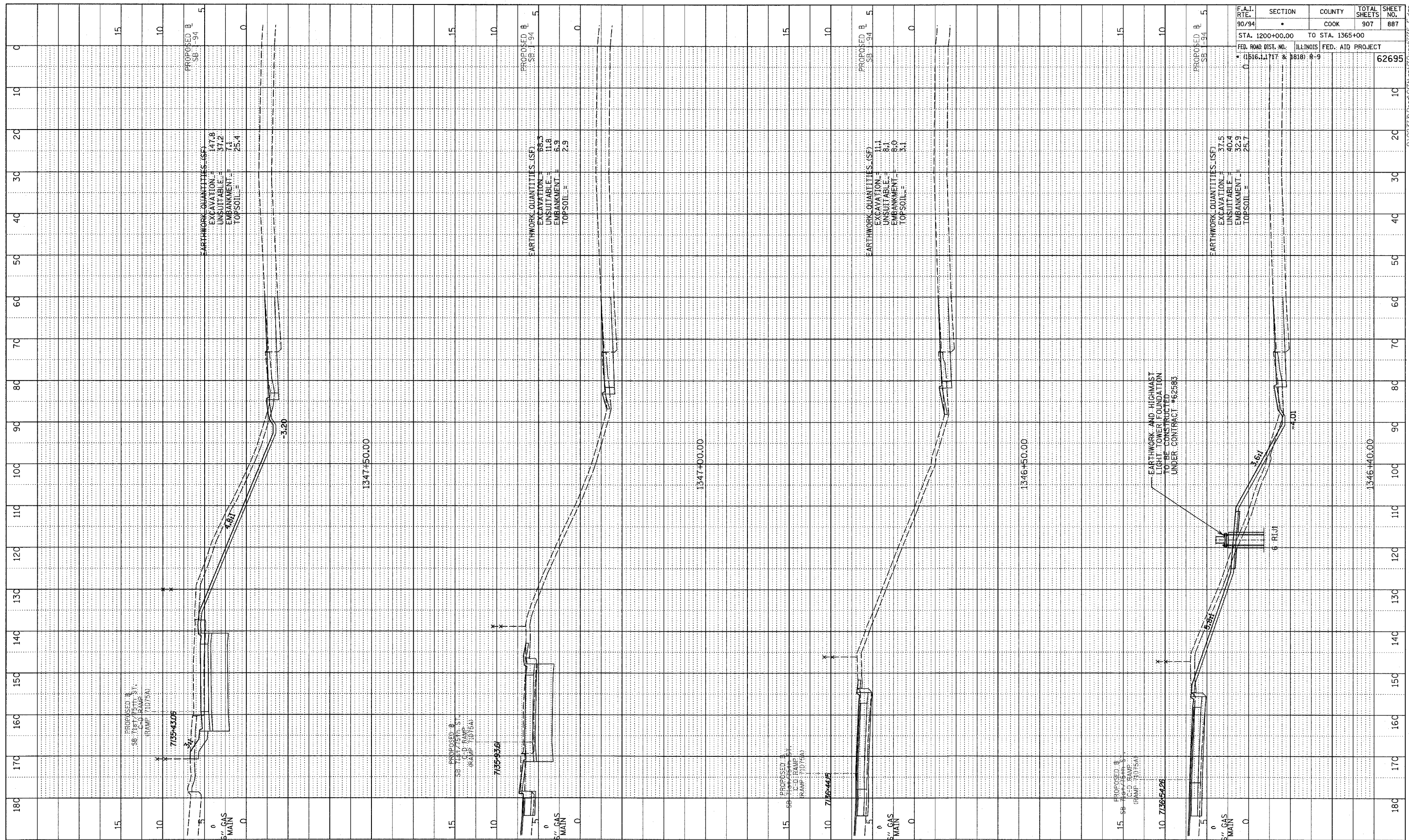
TYLIN INTERNATIONAL



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	886
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-9				
				62695

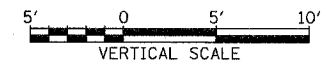
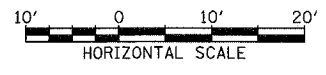
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PROF. ILL. DRAWN
 GRADES CHECKED
 PLAN NOTED
 STRUCTURE NOTATIONS OK'G
 NO.



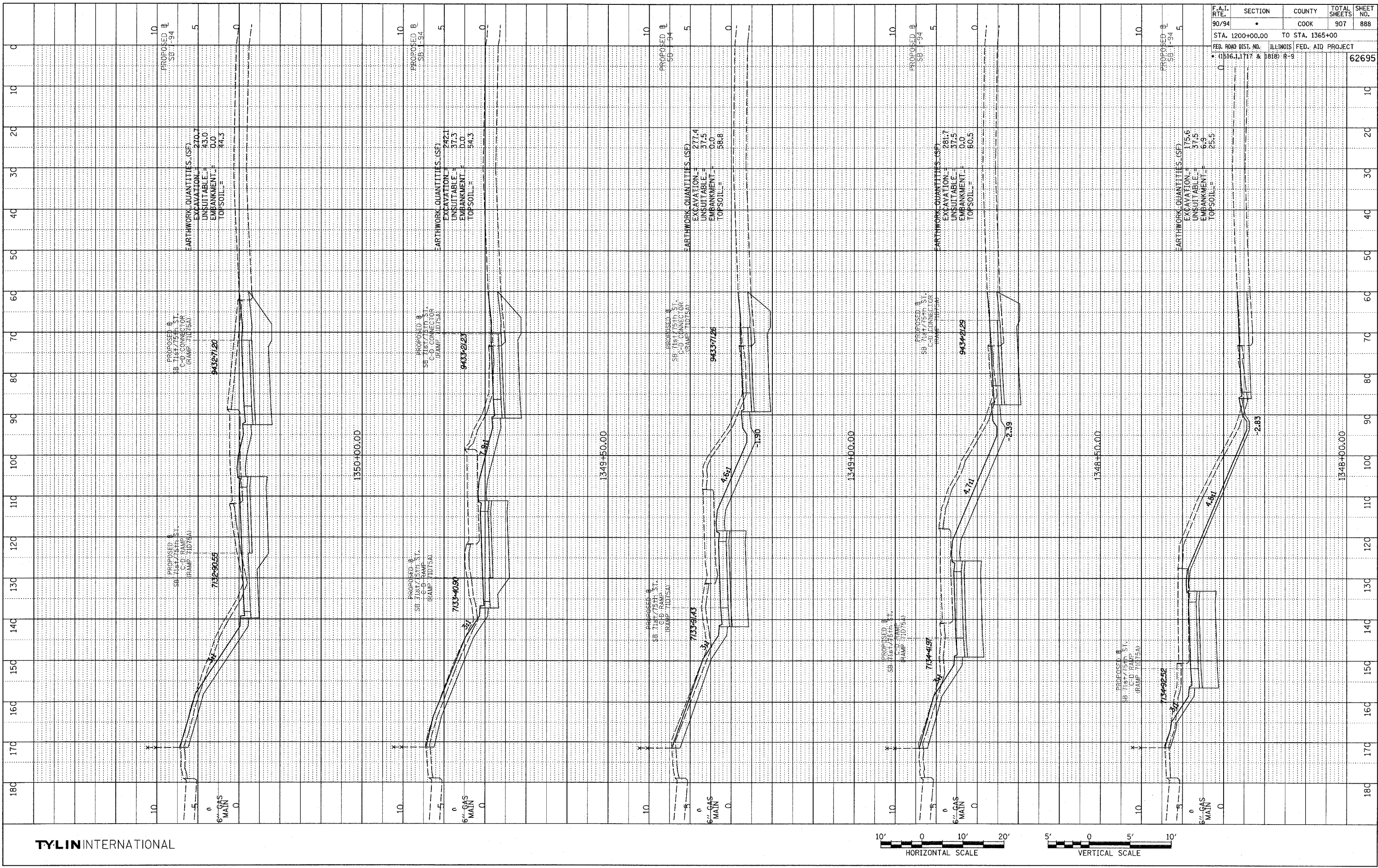
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	887
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 11516.1, 11717 & 1818		R-9		62695

TYLIN INTERNATIONAL

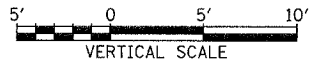


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NOTE BOOK
 PLOTTED
 CHECKED
 STRUCTURE NOTATION CHKO
 NO. _____



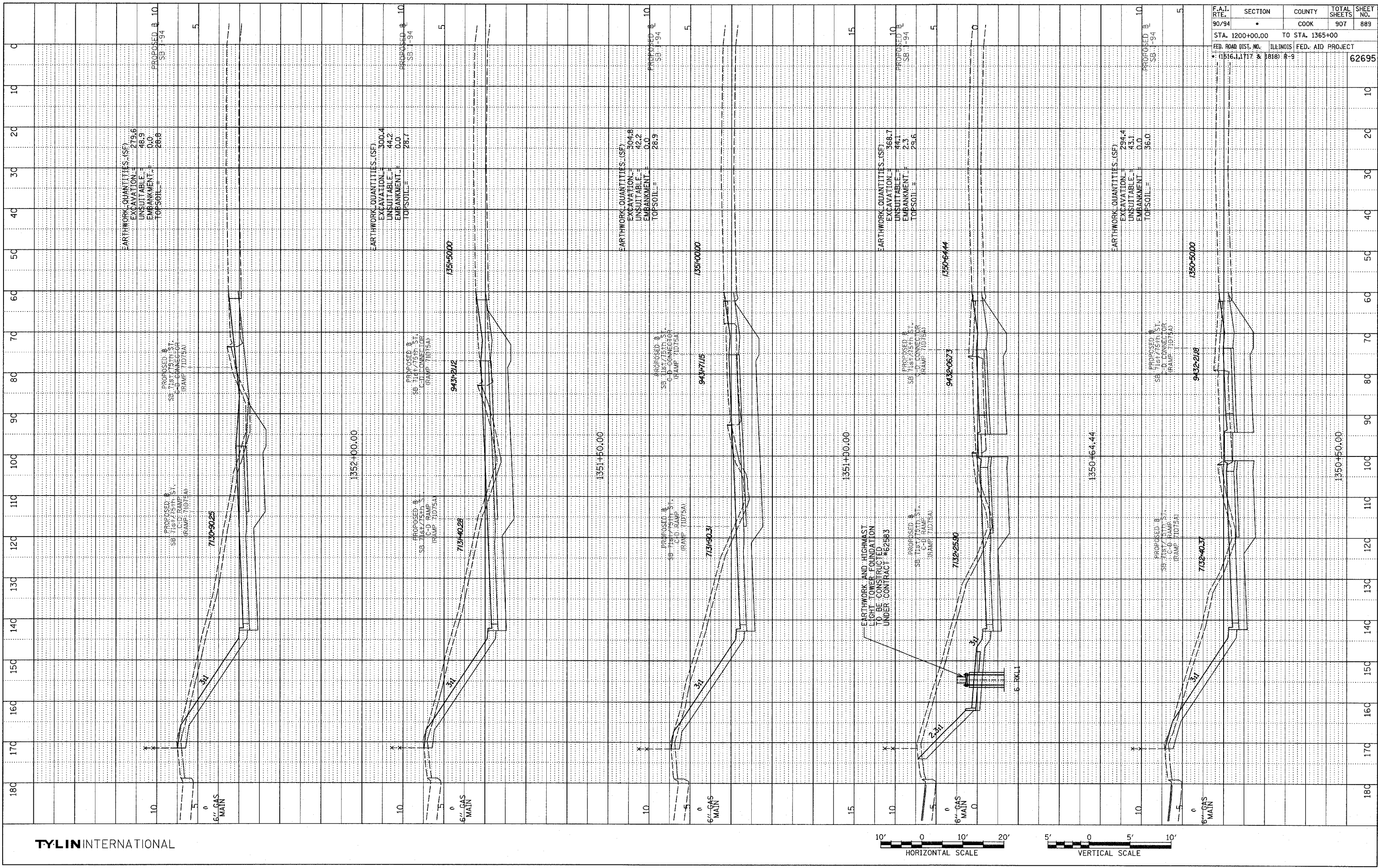
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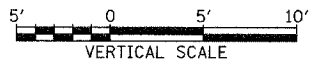
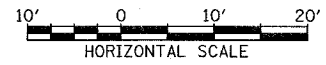
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	888
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516, 1717 & 1818) R-9				
				62695

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NOTE BOOK NO. _____
 PLOTTED, CHECKED, AND APPROVED BY _____
 STRUCTURE NOTATION: CHND



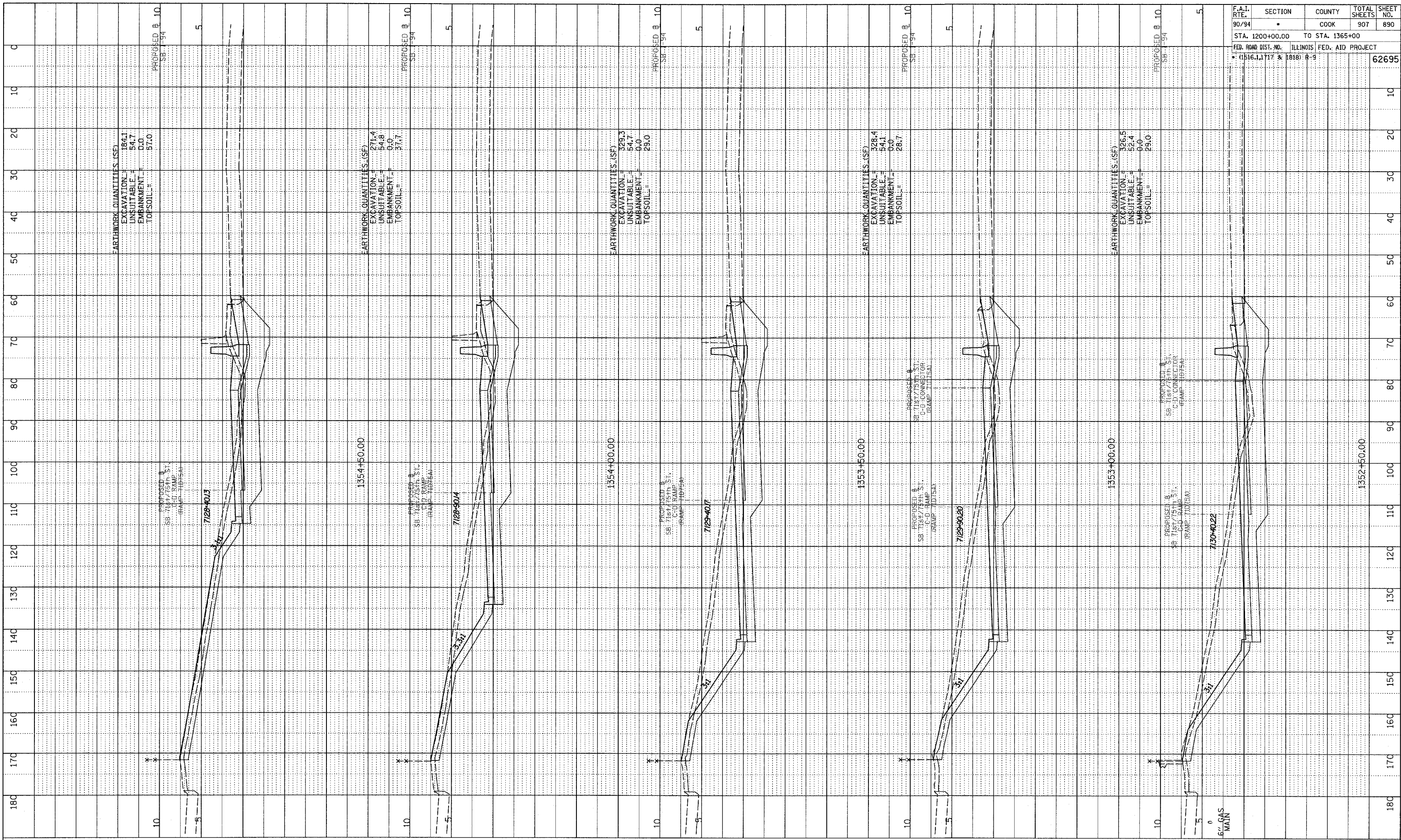
TYLIN INTERNATIONAL



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	907	889
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1, 1717 & 1818) R-9		62695		

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NOTE BOOK
 NO. _____
 PLOTTED _____
 GRAPHS ORDERED _____
 STRUCTURE NOTATIONS CHECKED _____



EARTHWORK QUANTITIES (SF)
 EXCAVATION = 184.1
 UNSUITABLE = 54.7
 EMBANKMENT = 0.0
 TOPSOIL = 57.0
 PROPOSED @ 10
 SB '94

EARTHWORK QUANTITIES (SF)
 EXCAVATION = 271.4
 UNSUITABLE = 54.8
 EMBANKMENT = 0.0
 TOPSOIL = 37.7
 PROPOSED @ 10
 SB '94

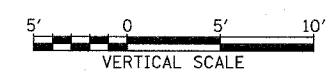
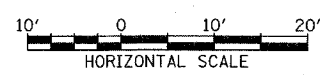
EARTHWORK QUANTITIES (SF)
 EXCAVATION = 329.3
 UNSUITABLE = 54.7
 EMBANKMENT = 0.0
 TOPSOIL = 29.0
 PROPOSED @ 10
 SB '94

EARTHWORK QUANTITIES (SF)
 EXCAVATION = 328.4
 UNSUITABLE = 54.1
 EMBANKMENT = 0.0
 TOPSOIL = 28.7
 PROPOSED @ 10
 SB '94

EARTHWORK QUANTITIES (SF)
 EXCAVATION = 366.5
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 EMBANKMENT = 9.0
 TOPSOIL = 29.0
 PROPOSED @ 10
 SB '94

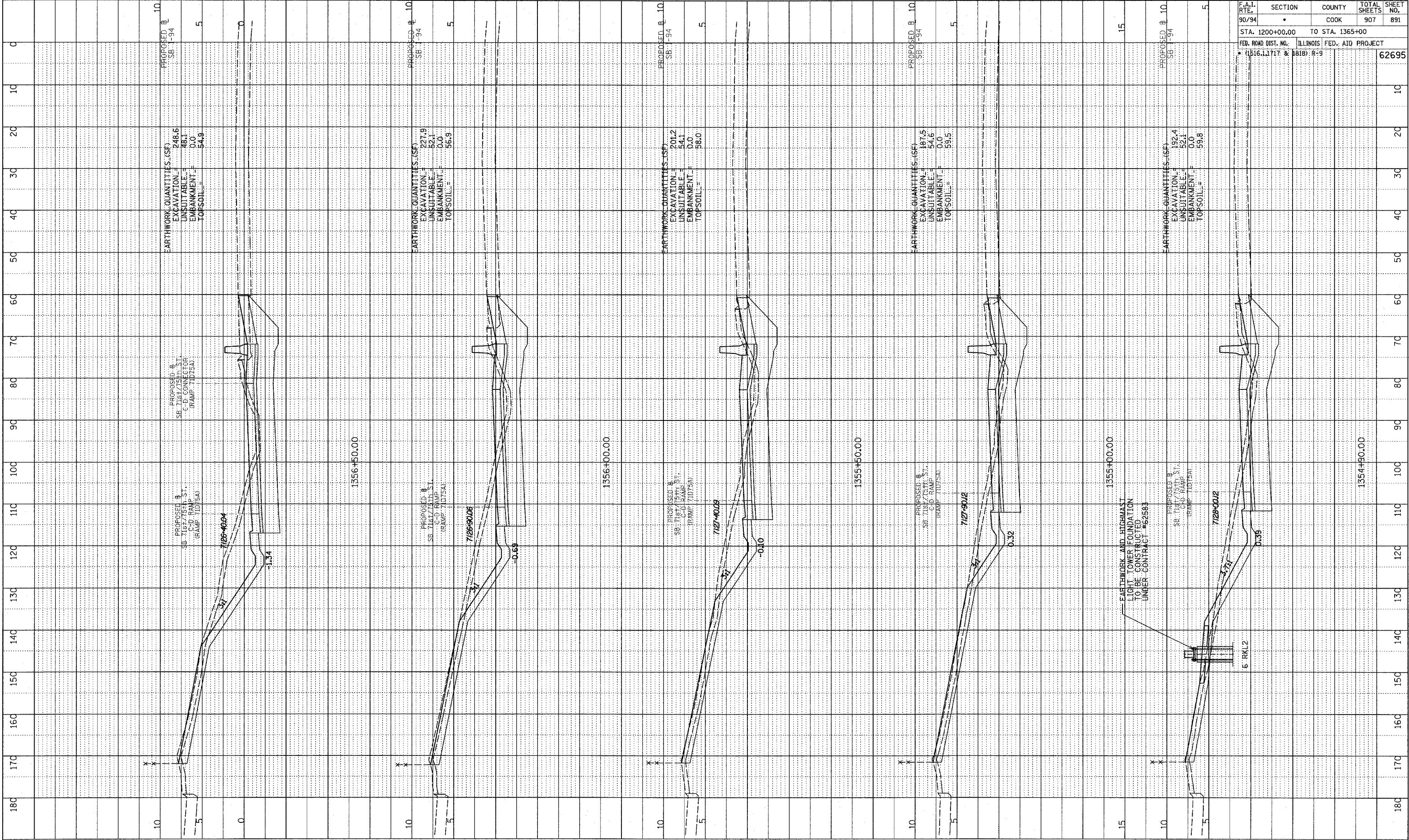
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	907	890
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-9				
				62695

TYLIN INTERNATIONAL

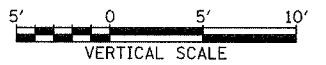


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PLOTTED
 DATE: 11/17/94
 BY: J. W. B. / J. W. B.
 NO. _____
 STRUCTURE NOTATION: CHRD



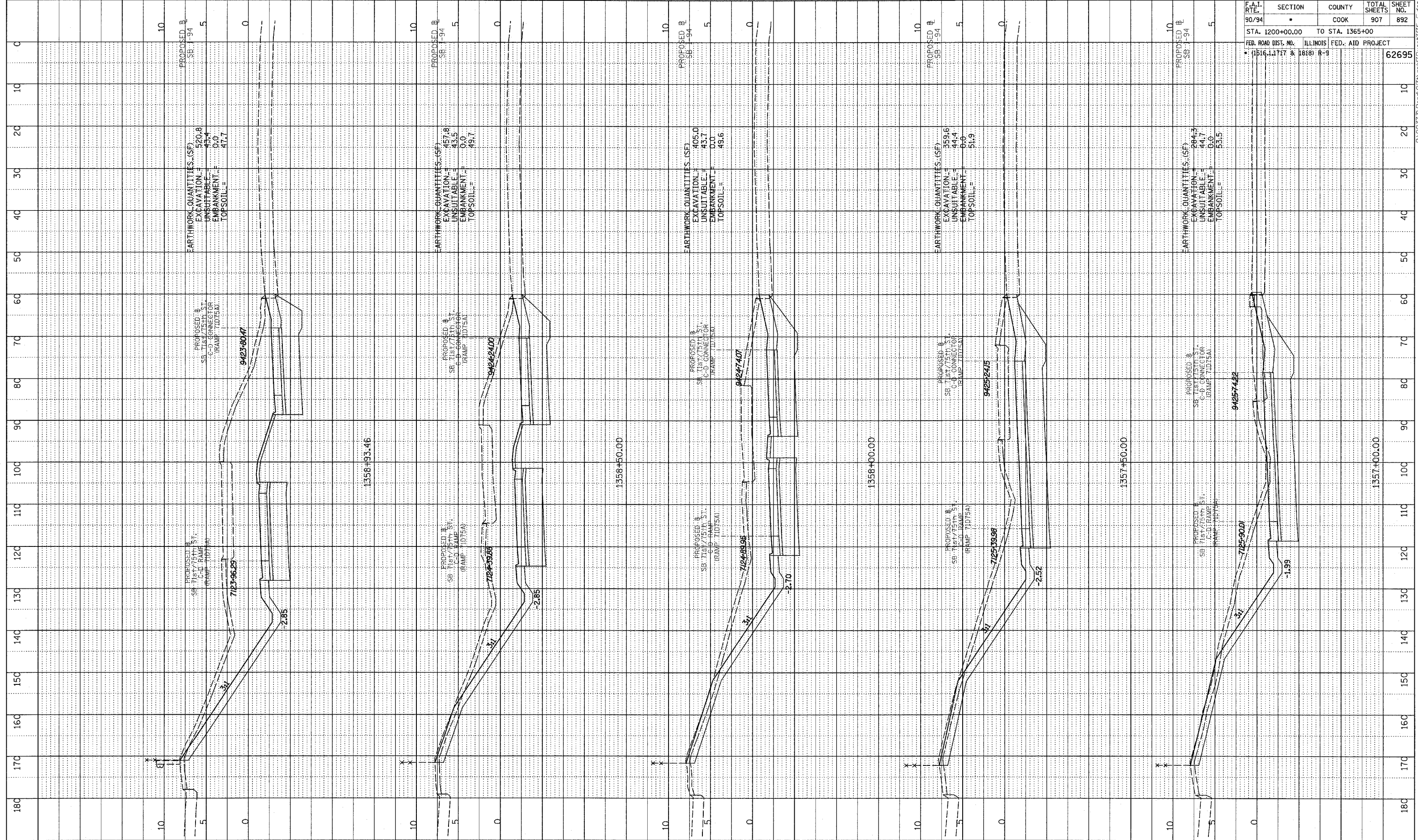
TYLIN INTERNATIONAL



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	907	891
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO. 11516.1, 1717 & 1818		ILLINOIS FED. AID PROJECT		
				62695

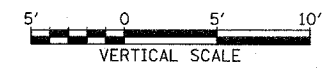
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PROFILE
 SURVEYED
 GRADES CHECKED
 R.M. NOTED
 NO. 1
 STRUCTURE NOTATIONS CHECKED



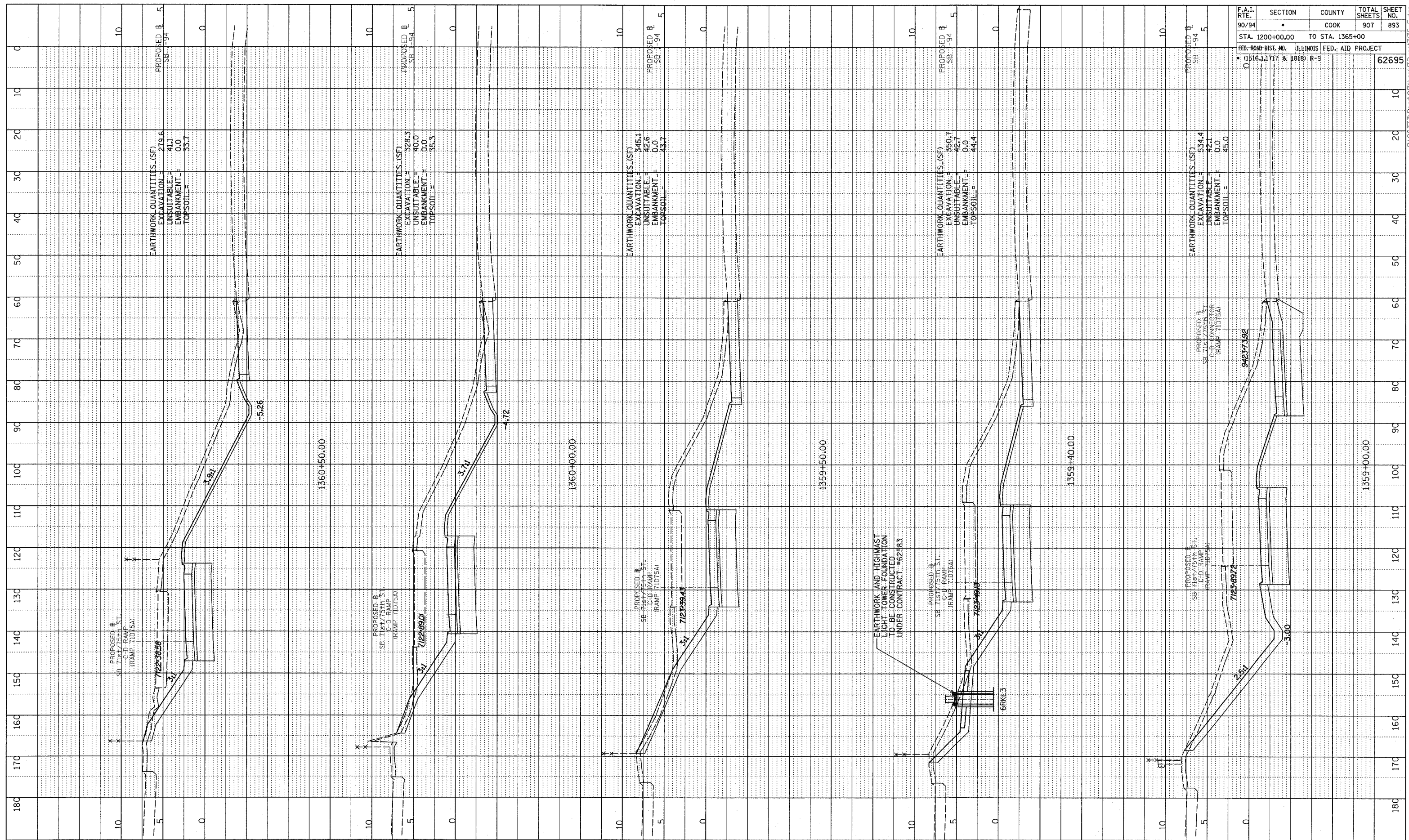
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90/94	*	COOK	907	892
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516, 1, 1717 & 1818) R-9		62695		

TYLIN INTERNATIONAL



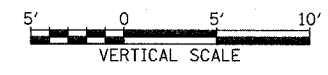
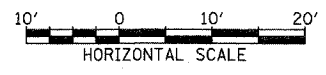
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PROF. ILL. SERVED
 GRADES CHECKED
 PLAN NOTED
 NO. STRUCTURE NOTATION CHRG.



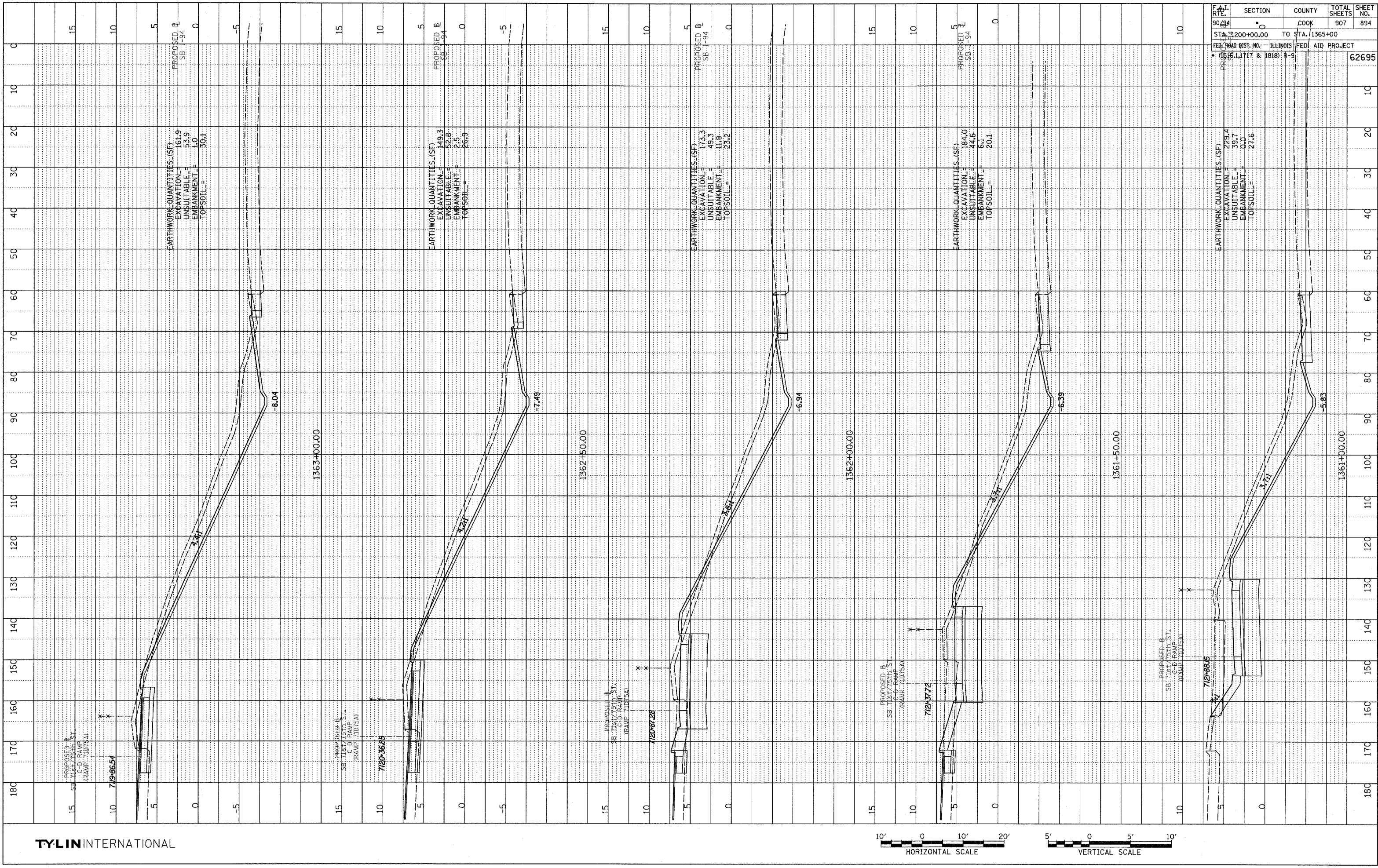
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90/94		COOK	907	893
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516, 11717 & 1818) R-9				
				62695

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NOTE BOOK
 NO. _____
 PLOTTED
 GRADING
 STRUCTURE NOTATIONS CHFD



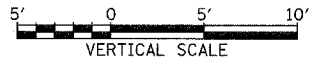
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0	COOK	907	894

STA. 1362+00.00 TO STA. 1365+00

FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT

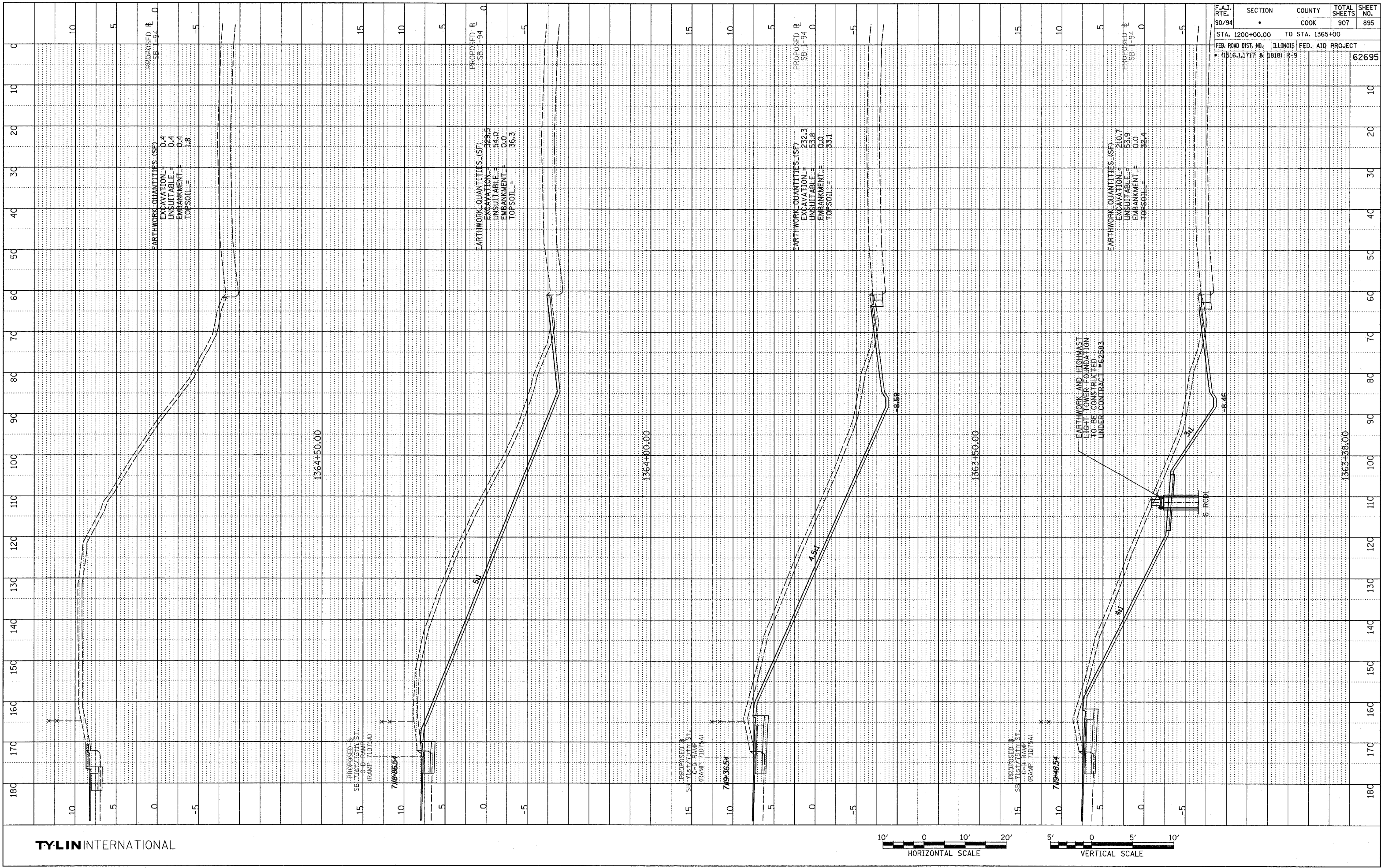
62695

TYLIN INTERNATIONAL



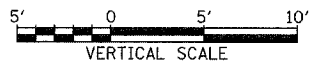
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PLOTTED, CHECKED, DATE, DRAWN BY, NO., STRUCTURE NOTATIONS, DRK0



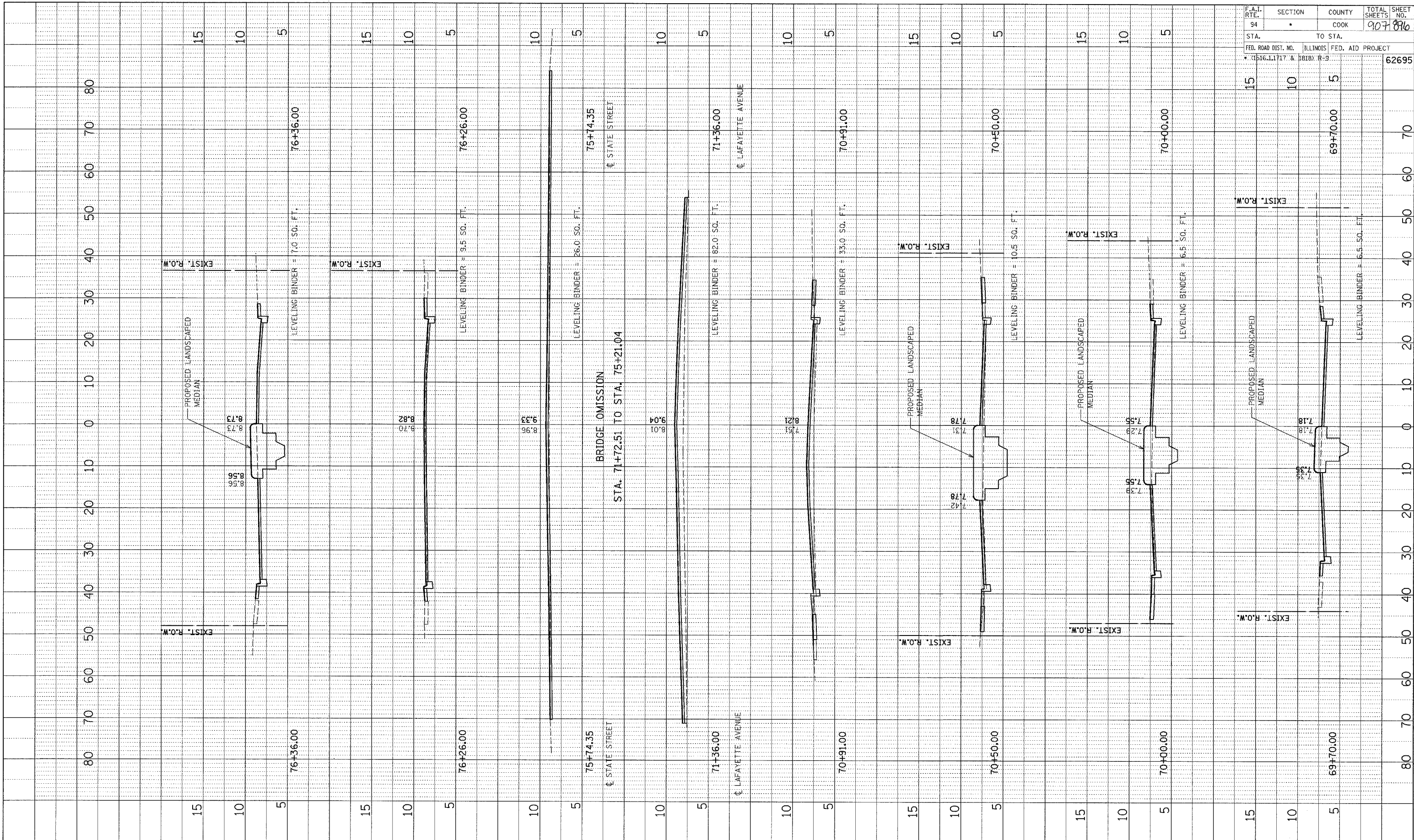
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90/94	•	COOK	907	895
STA. 1200+00.00 TO STA. 1365+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• 01516.1, 1717 & 1818 R-9		62695		

TYLIN INTERNATIONAL

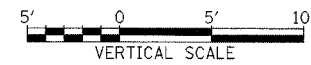


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CROSS SECTIONS SURVEYED BY DATE
 SECTIONS DRAWN BY
 NOTE BOOK NO. CHECKED BY
 STRUCTURE NOTATION CHRD.

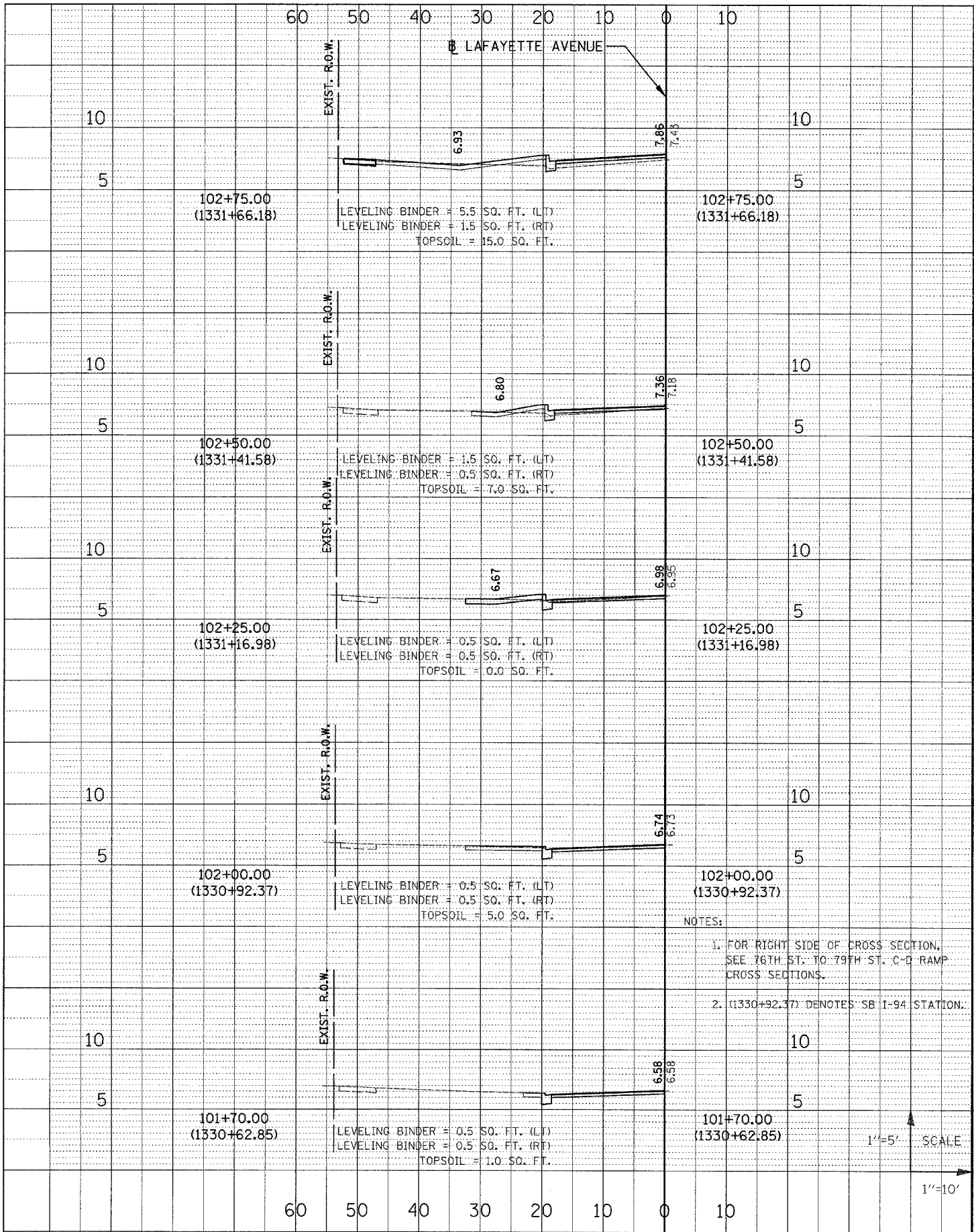


F.A.T. RTE. 94	SECTION	COUNTY COOK	TOTAL SHEETS 907	SHEET NO. 896
STA. 1516.117	TO STA. 1818.8	ILLINOIS FED. AID PROJECT		62695



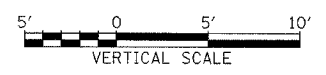
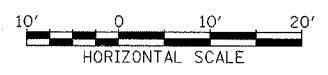
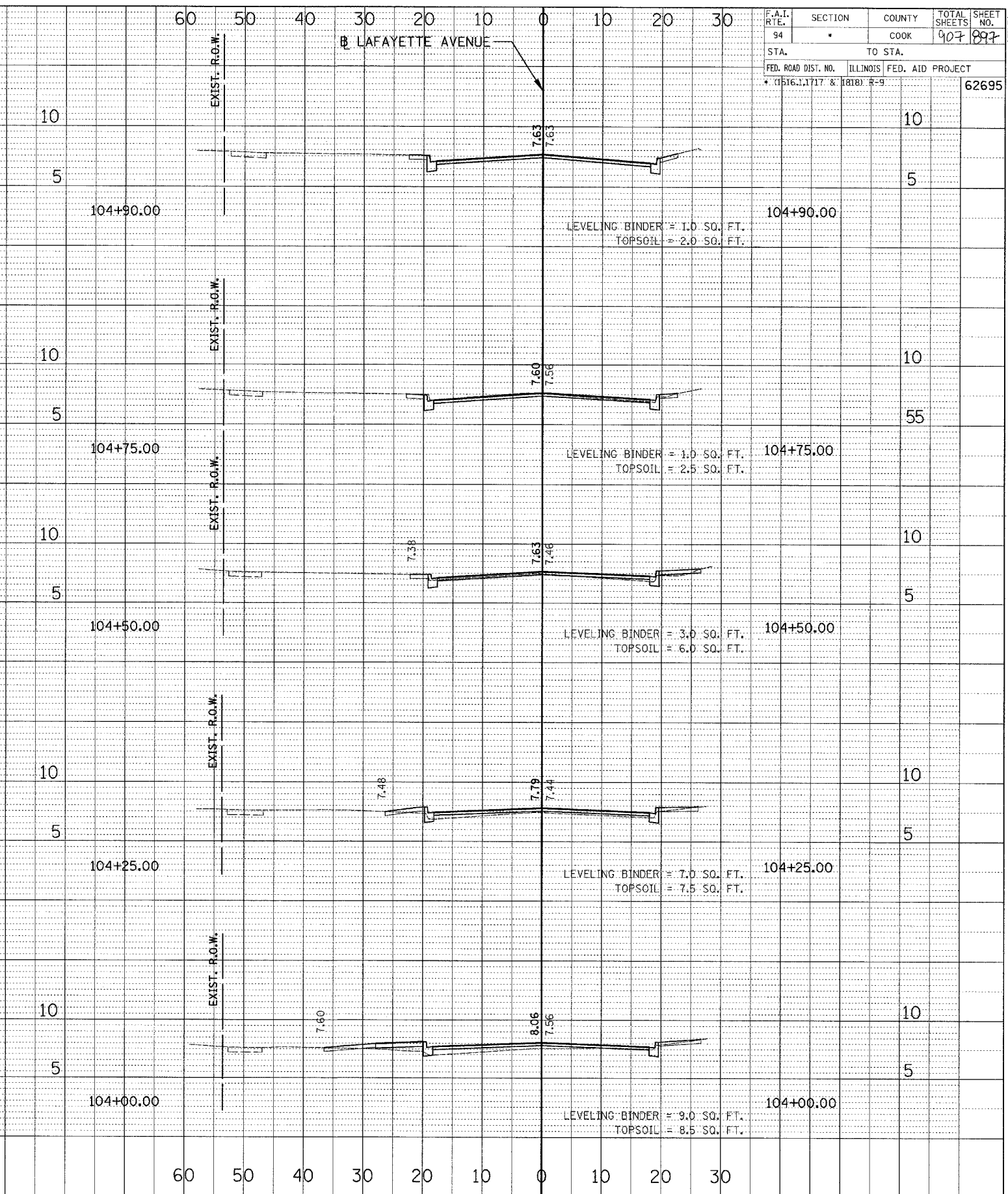
F.A.I. RTE. 94	SECTION *	COUNTY COOK	TOTAL SHEETS 907	SHEET NO. 897
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
* (1516), (1717) & (1818) #=9		62695		

CROSS SECTIONS SURVEYED BY DATE
 SECTIONS PLOTTED BY
 NOTE BOOK NO. AND CHECKED BY
 NO. STRUCTURE NOTATIONS CHECKED



NOTES:
 1. FOR RIGHT SIDE OF CROSS SECTION, SEE 76TH ST. TO 79TH ST. C-D RAMP CROSS SECTIONS.
 2. (1330+92.37) DENOTES SB I-94 STATION.

1"=5' SCALE
 1"=10'



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BORING LOG P-104 Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD
Elevation: 1.44 ft
North: 1856925.14 ft
East: 1177216.08 ft
Station: 1355+51.64
Offset: 66.48 LT

Client: T. Y. LIN International
Project: Dan Ryan Improvements
Location: From 95th Street to 69th Street

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
1.44	Medium dense, brown SAND	0.0	1	6 5 7 5	NP	7							
	Medium dense, brown SANDY LOAM	0.3											
	Very stiff, gray CLAY to SILTY CLAY	0.7	2	4 7 7 4	3.25 P	16							
		5	3	4 4 4 4	3.00 P	18							
		4	4	4 4 6 7	3.50 P	17							
		5	5	5 5 8 9	3.75 P	18							
-8.6		10											
Boring terminated at 10.00 ft													

GENERAL NOTES				WATER LEVEL DATA			
Began Drilling	06-18-2003	Complete Drilling	06-18-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	S. Janowski	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG P-105 Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD
Elevation: 1.88 ft
North: 1856656.26 ft
East: 1177220.16 ft
Station: 1352+82.74
Offset: 68.73 LT

Client: T. Y. LIN International
Project: Dan Ryan Improvements
Location: From 95th Street to 69th Street

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
1.88	Loose, brown SAND	0.0	1	3 4 7 6	NP	15							
	Loose, brown and black SANDY LOAM	0.9											
	Very stiff to hard, gray CLAY to SILTY CLAY	1.4	2	5 5 4 4	3.75 P	14							
		5	3	4 4 4 4	3.00 P	18							
		4	4	4 5 8 8	4.50 P	17							
		5	5	5 6 10 8	4.25 P	17							
-8.1		10											
Boring terminated at 10.00 ft													

GENERAL NOTES				WATER LEVEL DATA			
Began Drilling	06-18-2003	Complete Drilling	06-18-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	S. Janowski	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

LEGEND

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

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

BORING LOGS P-104 & P-105

S.N. _____ DESIGNED BY: DJR
SCALE: N.T.S. DRAWN BY: DJR
DATE: MARCH 25, 2005 CHECKED BY: DAK

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BORING LOG P-106
 WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements
 Location: From 95th Street to 69th Street

Datum: CCD
 Elevation: 0.98 ft
 North: 1856370.87 ft
 East: 1177221.27 ft
 Station: 1349+97.41
 Offset: 74.33 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/in)	U _u (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/in)	U _u (tsf)	Moisture Content (%)
4.4	5.5-Inch thick ASPHALT	0.5													
4.4	--PAVEMENT--														
4.4	12.5-Inch thick CRUSHED STONE	0.5													
	--BASE COURSE--														
	Very stiff to hard, brown to gray SILTY CLAY to SILTY CLAY LOAM														
	--A-6 (8)--														
	--LL=30%, PL=19%--														
		10		1	7	3.25	17								
				2	4	2.50	17								
				3	3	2.25	18								
				4	4	4.25	17								
				5	4	4.50	18								
		10													
	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-18-2003	Complete Drilling	06-18-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	S. Janowski	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG P-114
 WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements
 Location: From 95th Street to 69th Street

Datum: CCD
 Elevation: -0.98 ft
 North: 1853960.26 ft
 East: 1177311.76 ft
 Station: 1325+87.92
 Offset: 55.52 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/in)	U _u (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/in)	U _u (tsf)	Moisture Content (%)
4.4	12-inch thick CONCRETE	0.5													
4.4	--PAVEMENT--														
4.4	3-Inch thick CRUSHED STONE	0.5													
	--BASE COURSE--														
	Very stiff, gray CLAY to SILTY CLAY														
	--A-6 (9)--														
	--LL=31%, PL=18%--														
		10		1	4	3.00	18								
				2	4	2.50	18								
				3	4	2.00	18								
				4	3	2.50	17								
				5	3	2.25	18								
		10													
	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-19-2003	Complete Drilling	06-19-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	S. Janowski	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

LEGEND

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 BORING LOGS P-106 & P-114

S.N. _____ DESIGNED BY: DJR
 SCALE: N.T.S. DRAWN BY: DJR
 DATE: MARCH 25, 2005 CHECKED BY: DAK

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BORING LOG P-115
 WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements
 Location: From 95th Street to 69th Street

Datum: CCD
 Elevation: -0.04 ft
 North: 1853656.75 ft
 East: 1177329.78 ft
 Station: 1322+84.26
 Offset: 61.77 LT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
-0.4	4-inch thick, black SANDY LOAM	0.4	1	6	4.50	16							
-1.0	Hard, black and brown CLAY	1.0	2	4	1.50	21							
-5.0	Stiff, brown and gray CLAY	5.0	3	2	1.50	18							
-6.5	Very stiff, gray CLAY to SILTY CLAY	6.5	4	3	2.50	19							
-10.0	Boring terminated at 10.00 ft	10.0	5	2	2.25	19							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-19-2003	Complete Drilling	06-19-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	S. Janowski	Time After Drilling	NA		
Checked by	MLS	Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion	Depth to Water	∇	NA	

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BORING LOG P-116
 WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements
 Location: From 95th Street to 69th Street

Datum: CCD
 Elevation: -0.49 ft
 North: 1853316.33 ft
 East: 1177350.81 ft
 Station: 1319+43.25
 Offset: 68.22 LT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
-0.9	5-inch thick ASPHALT	0.9	1	11	4.50	8							
-1.6	8-inch thick CRUSHED STONE	1.6	2	3	1.50	20							
-3.0	Hard, gray CLAY	3.0	3	2	1.75	19							
-3.0	Stiff to very stiff, gray CLAY	3.0	4	3	1.75	20							
-11.0	Boring terminated at 11.00 ft	11.0	5	2	2.00	18							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-19-2003	Complete Drilling	06-19-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	S. Janowski	Time After Drilling	NA		
Checked by	MLS	Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion	Depth to Water	∇	NA	

LEGEND

NP NON-PLASTIC
 B BULGE FAILURE
 S SHEAR FAILURE
 P POCKET PENETROMETER

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 BORING LOGS P-115 & P-116

S.N. DESIGNED BY: DJR
 SCALE: N.T.S. DRAWN BY: DJR
 DATE: MARCH 25, 2005 CHECKED BY: DAK

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BORING LOG P-131
 WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements
 Location: From 95th Street to 69th Street

Datum: CCD
 Elevation: 1.98 ft
 North: 1849016.52 ft
 East: 1177495.80 ft
 Station: 1276+37.21
 Offset: 63.18 LT

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BORING LOG P-132
 WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements
 Location: From 95th Street to 69th Street

Datum: CCD
 Elevation: 4.39 ft
 North: 1848677.15 ft
 East: 1177508.10 ft
 Station: 1272+97.63
 Offset: 60.61 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
4.4	8-inch thick CONCRETE --PAVEMENT--														
4.4	4-inch thick CRUSHED STONE --BASE COURSE--														
1.3	Hard, gray CLAY	1		1	4	4.50	16								
1.3	Medium stiff to stiff, gray CLAY	2		2	1	0.75	22								
5		3		3	1	0.75	22								
7.3		4		4	1	1.00	21								
7.3	Hard, gray CLAY to SILTY CLAY	5		5	2	4.50	15								
8.0															
	Boring terminated at 11.00 ft														

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
4.4	5-inch thick ASPHALT --PAVEMENT--														
4.4	7-inch thick CRUSHED STONE --BASE COURSE--														
1.1	Hard, gray CLAY	1		1	6	4.50	14								
1.1	Medium stiff to stiff, gray CLAY	2		2	5	1.00	22								
5		3		3	3	0.75	23								
7.3		4		4	1	0.75	22								
7.3		5		5	1	1.00	19								
8.0															
	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-24-2003	Complete Drilling	06-24-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-24-2003	Complete Drilling	06-24-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

LEGEND

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 BORING LOGS P-131 & P-132

S.N. _____ DESIGNED BY: DJR
 SCALE: N.T.S. DRAWN BY: DJR
 DATE: MARCH 25, 2005 CHECKED BY: DAK

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BORING LOG P-133
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 3.22 ft
 North: 1848389.70 ft
 East: 1177518.57 ft
 Station: 1270+09.99
 Offset: 58.36 LT

Client: T. Y. LIN International
 Project: Dan Ryan Improvements
 Location: From 95th Street to 69th Street

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BORING LOG P-140
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: -4.48 ft
 North: 1846326.28 ft
 East: 1177577.66 ft
 Station: 1249+45.73
 Offset: 58.37 LT

Client: T. Y. LIN International
 Project: Dan Ryan Improvements
 Location: From 95th Street to 69th Street

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
4.4	8-inch thick CONCRETE --PAVEMENT--	0.0													
4.4	4-inch thick CRUSHED STONE --BASE COURSE--	0.0													
0.0	Very stiff, gray CLAY	0.0		1	3.50	25									
0.0	Medium stiff to stiff, gray SILTY CLAY to SILTY CLAY LOAM --A-4 (4)-- --LL=27%, PL=19%--	0.0		2	2.00	22									
0.0		1.0		3	1.00	18									
0.0		0.75		4	0.75	22									
0.0		1.0		5	1.00	19									
-7.8	Boring terminated at 11.00 ft														

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
4.4	8-inch thick CONCRETE --PAVEMENT--	0.0													
4.4	4-inch thick CRUSHED STONE --BASE COURSE--	0.0													
0.0	Loose, gray SILT	0.0		1	3.40	NP	12								
0.0	Hard, gray CLAY to SILTY CLAY	0.0		2	6.90		4.50								
0.0		1.0		3	8.90		4.50								
0.0		0.75		4	7.80		4.50								
0.0		1.0		5	7.80		4.50								
-15.5	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-24-2003	Complete Drilling	06-24-2003	While Drilling	☒	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	☒	DRY	
Driller	J&B	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID, HSA; Boring backfilled with bentonite upon completion			Depth to Water	☒	NA	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-25-2003	Complete Drilling	06-25-2003	While Drilling	☒	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	☒	DRY	
Driller	J&B	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID, HSA; Boring backfilled with bentonite upon completion			Depth to Water	☒	NA	

LEGEND

NP NON-PLASTIC
 B BULGE FAILURE
 S SHEAR FAILURE
 P POCKET PENETROMETER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 BORING LOGS P-133 & P-140

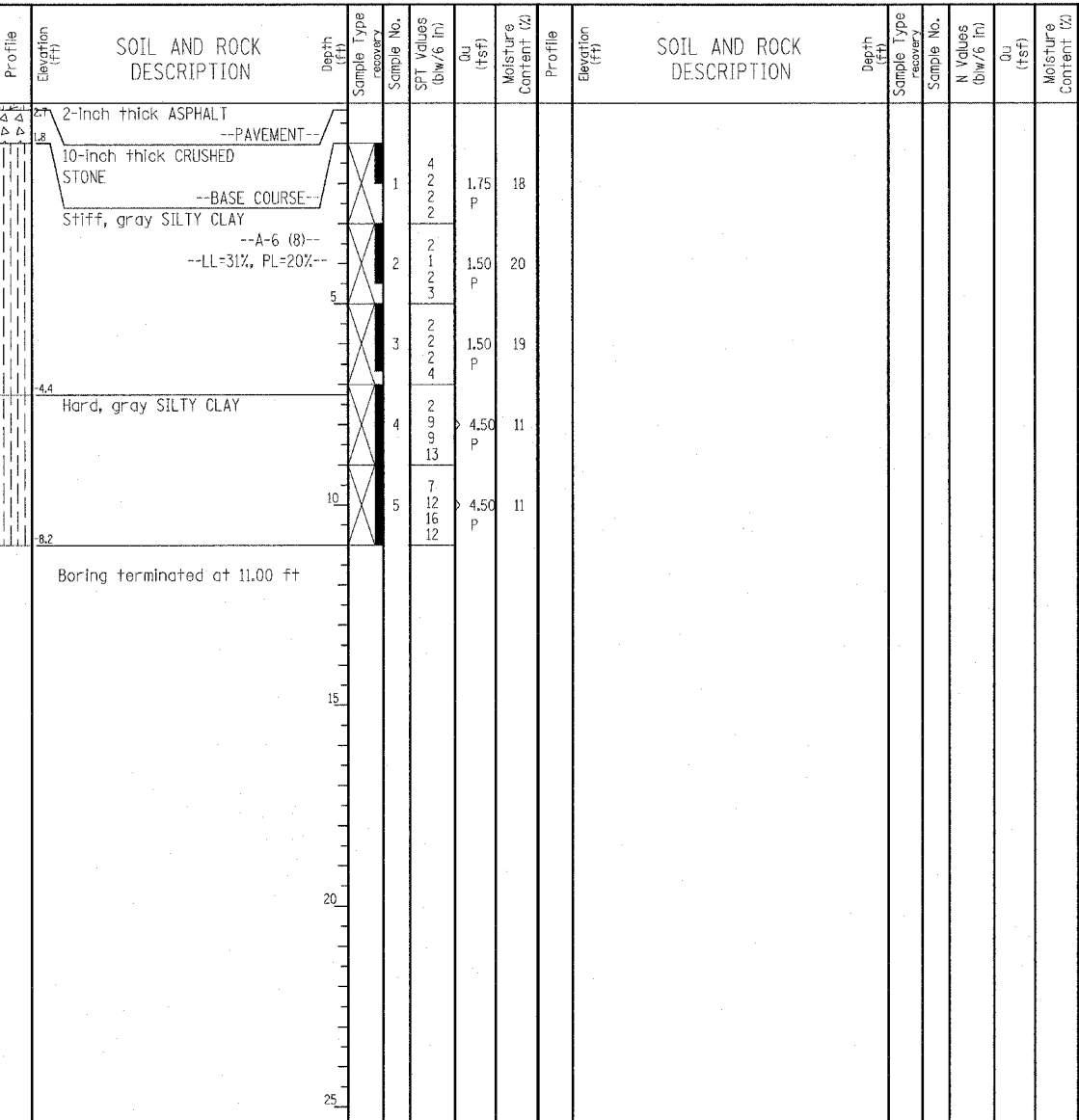
S.N. _____ DESIGNED BY: DJR
 SCALE: N.T.S. DRAWN BY: DJR
 DATE: MARCH 25, 2005 CHECKED BY: DAK

TYLIN INTERNATIONAL

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BORING LOG P-141
WEI Job No.: 414-07-01
Client: T. Y. LIN International
Project: Dan Ryan Improvements
Location: From 95th Street to 69th Street

Datum: CCD
Elevation: 2.82 ft
North: 1846031.62 ft
East: 1177587.22 ft
Station: 1246+50.91
Offset: 57.24 LT

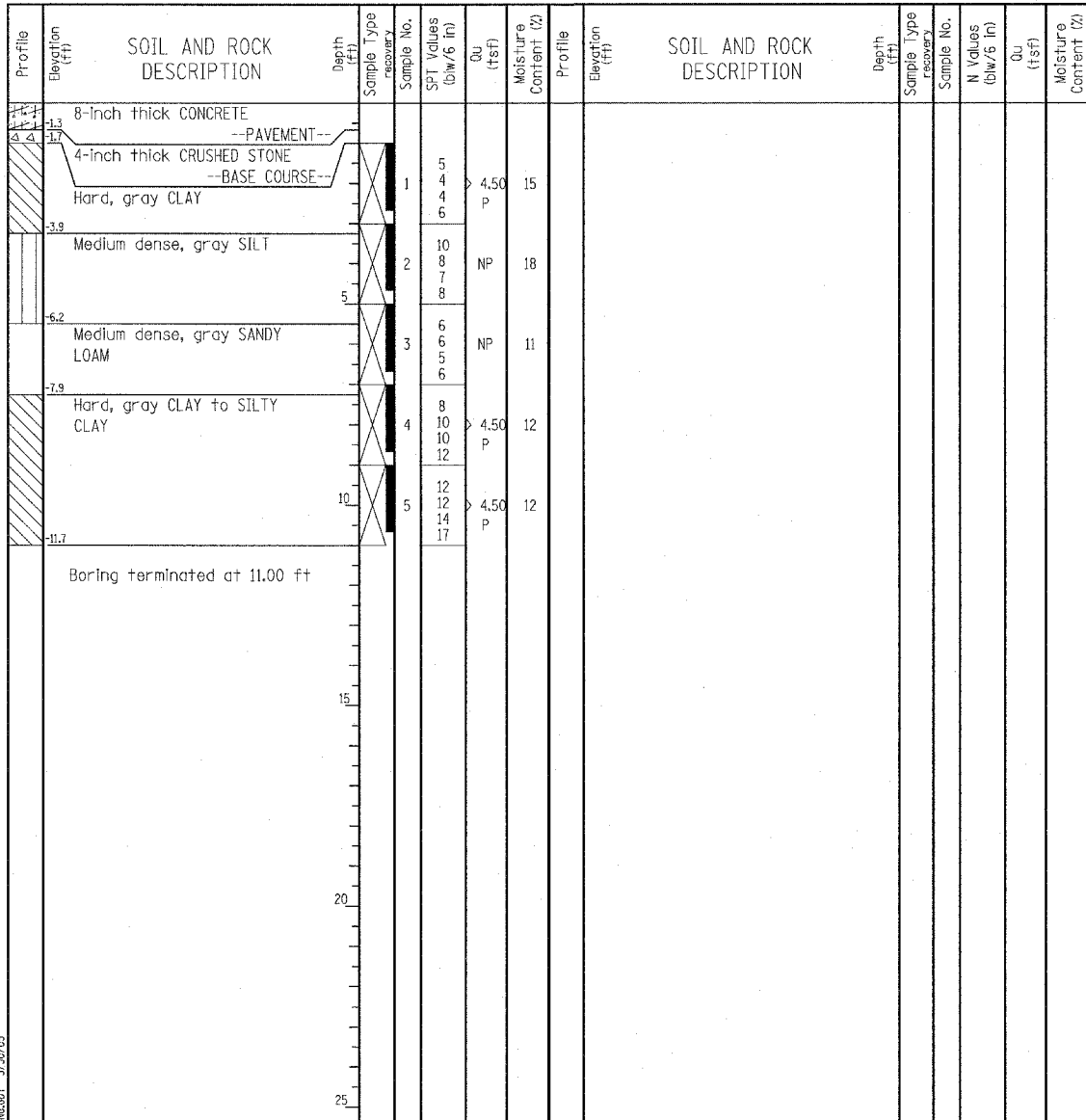


GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-25-2003	Complete Drilling	06-25-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	Y. Shiu	Time After Drilling	NA		
Checked by	S. Janowski			Depth to Water	∇	NA	
Drilling Method 3.25" ID. HSA; Boring backfilled with bentonite upon completion							

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BORING LOG P-146
WEI Job No.: 414-07-01
Client: T. Y. LIN International
Project: Dan Ryan Improvements
Location: From 95th Street to 69th Street

Datum: CCD
Elevation: -0.65 ft
North: 1844094.16 ft
East: 1177642.37 ft
Station: 1227+12.67
Offset: 57.57 LT



GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-26-2003	Complete Drilling	06-26-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	Y. Shiu	Time After Drilling	NA		
Checked by	S. Janowski			Depth to Water	∇	NA	
Drilling Method 3.25" ID. HSA; Boring backfilled with bentonite upon completion							

LEGEND

NP NON-PLASTIC
B BULGE FAILURE
S SHEAR FAILURE
P POCKET PENETROMETER

TYLIN INTERNATIONAL

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NAME	DATE

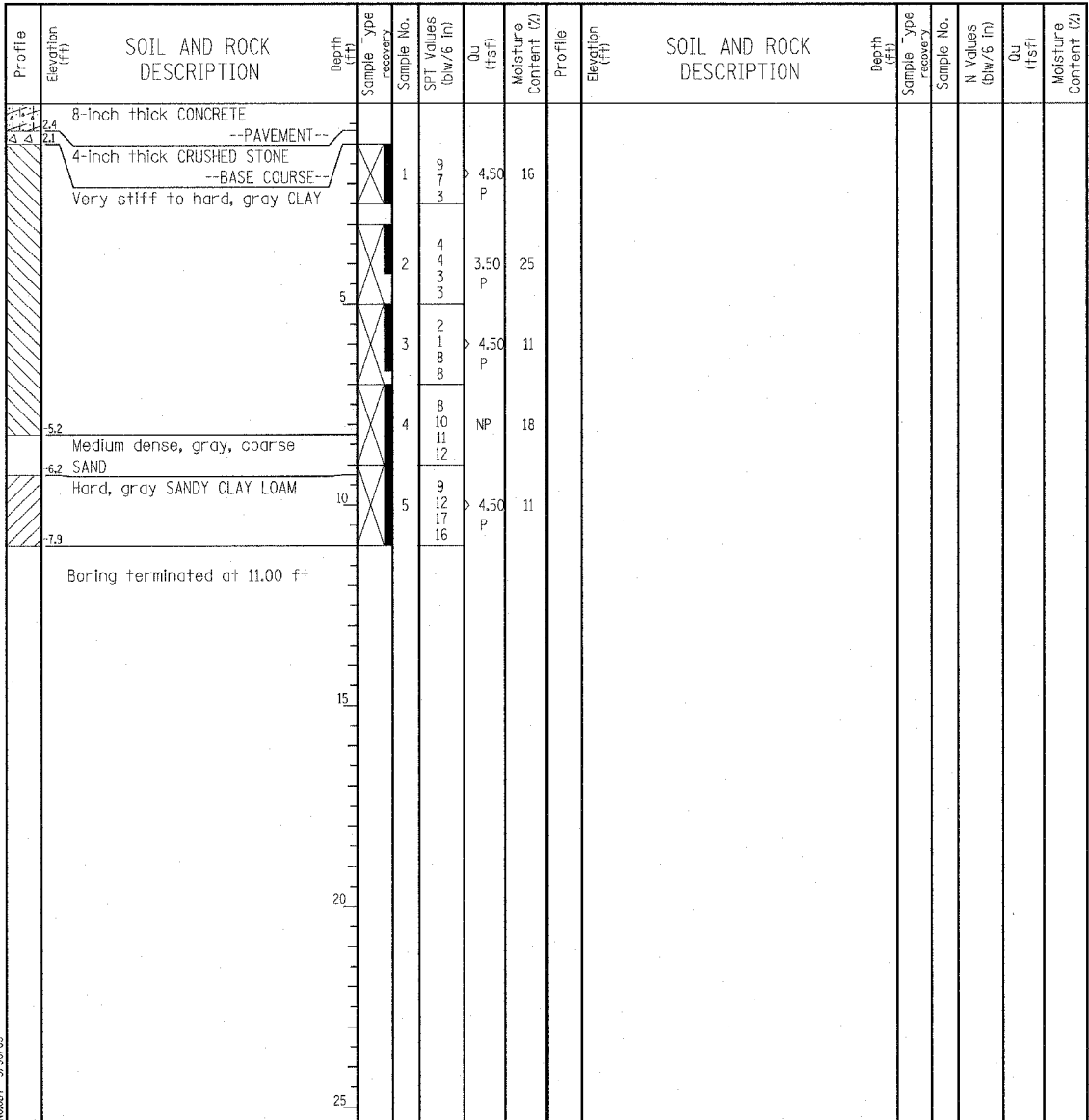
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
BORING LOGS P-141 & P-146

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BORING LOG P-147
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 3.06 ft
 North: 1843600.70 ft
 East: 1177655.18 ft
 Station: 1222+19.05
 Offset: 58.89 LT

Client: T. Y. LIN International
 Project: Dan Ryan Improvements
 Location: From 95th Street to 69th Street

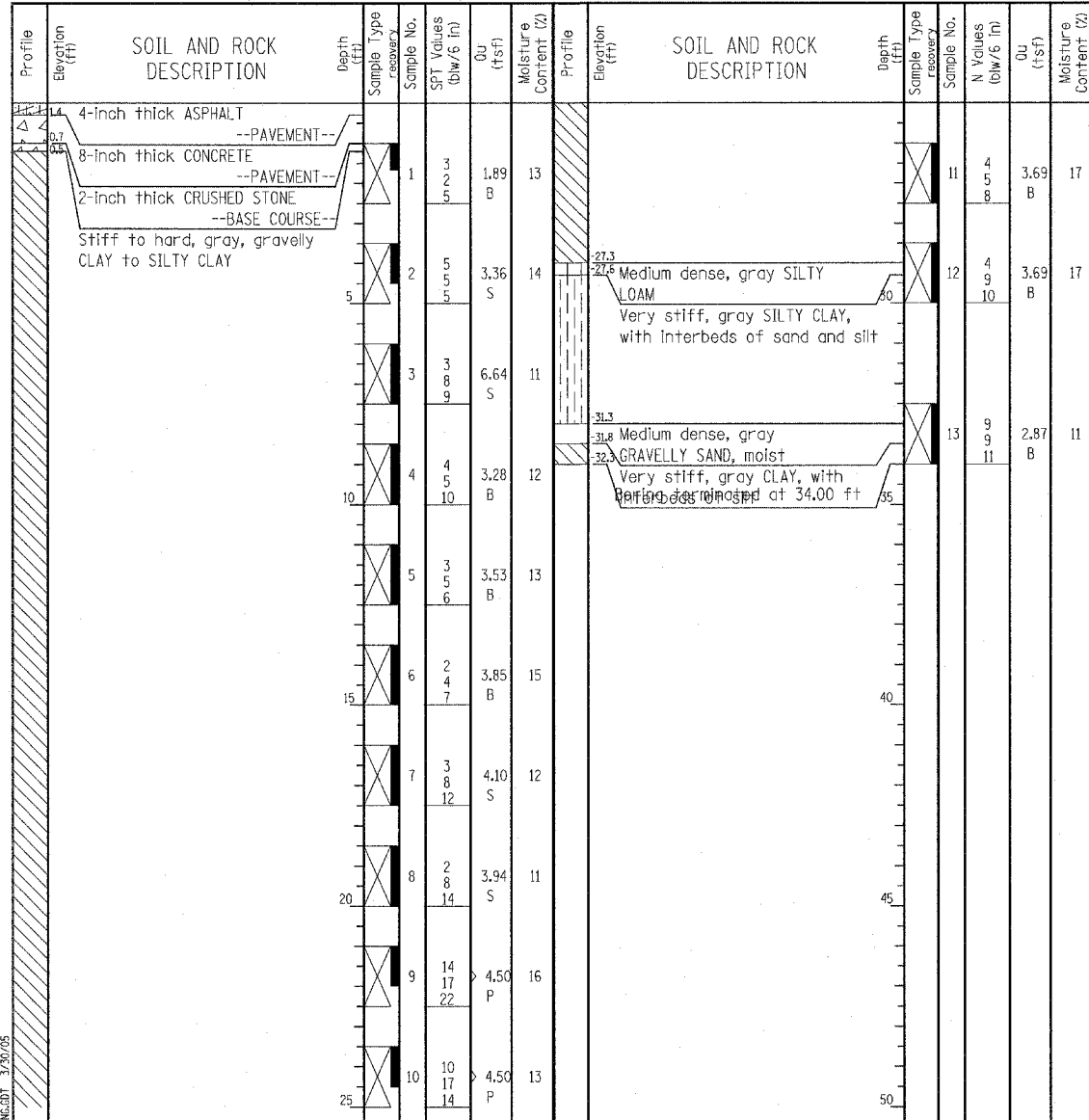


GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-26-2003	Complete Drilling	06-26-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	Y. Shiu	Time After Drilling	NA		
Checked by	S. Janowski	Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion	Depth to Water	∇	NA	

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BORING LOG P-157/JP-40
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 1.70 ft
 North: 1840791.65 ft
 East: 1177539.61 ft
 Station: 144+30.78
 Offset: 46.74 LT

Client: T. Y. LIN International
 Project: Dan Ryan Improvements
 Location: From 95th Street to 69th Street



GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-02-2003	Complete Drilling	06-02-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&J	Logger	J. Kasnick	Time After Drilling	NA		
Checked by	N. Davis	Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion	Depth to Water	∇	NA	

LEGEND

NP NON-PLASTIC
 B BULGE FAILURE
 S SHEAR FAILURE
 P POCKET PENETROMETER

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 BORING LOGS P-147 & P-157

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BORING LOG P-158
 WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements
 Location: From 95th Street to 69th Street

Datum: CCD
 Elevation: 3.19 ft
 North: 1840483.08 ft
 East: 1177400.04 ft
 Station: 141+06.44
 Offset: 34.49 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
10.4	10-inch thick CONCRETE --PAVEMENT--												
9.4	2-inch thick CRUSHED STONE --BASE COURSE--												
8.4	Stiff to hard, gray CLAY to SILTY CLAY	1	1	6	3.75	17							
7.8		2	2	4	4.50	14							
		3	3	2	1.50	15							
		4	4	5	4.50	12							
		5	5	9	4.50	12							
	Boring terminated at 11.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-27-2003	Complete Drilling	06-27-2003	While Drilling	∅	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	Y. Shiu	Checked by	S. Janowski		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion			Time After Drilling	NA		
		Depth to Water	∇	NA			
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG P-164
 WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements
 Location: From 95th Street to 69th Street

Datum: CCD
 Elevation: 3.06 ft
 North: 1840160.36 ft
 East: 1177107.54 ft
 Station: 136+63
 Offset: 41.1 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
2.6	Black SILTY LOAM --TOPSOIL--												
	Medium dense, brown and gray SAND	1	1	3	NP	7							
		2	2	11	4.50	6							
	Stiff to hard, gray SILTY CLAY --FILL--	3	3	6	1.50	19							
		4	4	4	3.00	15							
		5	5	3	4.50	7							
	Boring terminated at 10.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-09-2004	Complete Drilling	08-09-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&M	Logger	Y. Shiu	Checked by	L.I.		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion			Time After Drilling	NA		
		Depth to Water	∇	NA			
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

LEGEND


NP NON-PLASTIC
 B BULGE FAILURE
 S SHEAR FAILURE
 P POCKET PENETROMETER

TYLIN INTERNATIONAL

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 BORING LOGS P-158 & P-164

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BORING LOG RB-20

WEI Job No.: 414-07-01

Client: T. Y. LIN International
Project: Dan Ryan Improvements
Location: From 95th Street to 69th Street

Datum: CCD
Elevation: 16.71 ft
North: 1839539.00 ft
East: 1173364.00 ft
Station: 7449+71
Offset: 13' LT



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BORING LOG RB-21

WEI Job No.: 414-07-01

Client: T. Y. LIN International
Project: Dan Ryan Improvements
Location: From 95th Street to 69th Street

Datum: CCD
Elevation: 10.64 ft
North: 1839529.00 ft
East: 1173636.00 ft
Station: 7446+98
Offset: 6' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
16.7	3-inch thick, ASPHALT over 9-inch thick CONCRETE												
16.2	--PAVEMENT--												
14.6	Hard, gray SILTY CLAY	1	1254	7	4.50	12							
	--FILL--												
	Loose, gray GRAVELLY SAND												
	--FILL--												
	Medium stiff to very stiff, gray CLAY	2	2334	3	3.25	30							
		3	5008	3	3.25	20							
		4	2334	2	0.75	20							
		5	0134	0	1.00	19							
		6	6677	6	1.50	20							
	Boring terminated at 13.00 ft												

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
11.4	12-inch thick, ASPHALT												
10.6	--PAVEMENT--												
8.6	Medium dense, gray GRAVELLY SAND	1	8807	8	NP	5							
	Stiff to hard, gray SILTY CLAY LOAM												
	--A-4 (6)--												
	--LL=28%, PL=18%--												
6.3	Medium stiff, gray CLAY	2	4444	4	1.00	20							
		3	5568	5	0.50	18							
		4	47910	4	4.50	13							
	Hard, gray gravelly SILTY CLAY												
		5	4589	4	4.50	13							
	Boring terminated at 11.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-17-2004	Complete Drilling	04-17-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	K&A	Logger	Y. Shiu	Time After Drilling	NA		
Checked by	MLS	Depth to Water	▽	NA			
Drilling Method 3.25" ID. HSA; Boring backfilled with bentonite upon completion							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-17-2004	Complete Drilling	04-17-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	K&A	Logger	Y. Shiu	Time After Drilling	NA		
Checked by	MLS	Depth to Water	▽	NA			
Drilling Method 3.25" ID. HSA; Boring backfilled with bentonite upon completion							

TYLIN INTERNATIONAL

LEGEND

NP	NON-PLASTIC
BF	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

REVISIONS	
NAME	DATE


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

BORING LOGS RB-20 & RB-21

S.N. _____ DESIGNED BY: DJR
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BORING LOG RB-22

WEI Job No.: 414-07-01

Client: T. Y. LIN International
Project: Dan Ryan Improvements
Location: From 95th Street to 69th Street

Datum: CCD
Elevation: 0.94 ft
North: 1839502.00 ft
East: 1173946.00 ft
Station: 7443+88
Offset: 13' LT



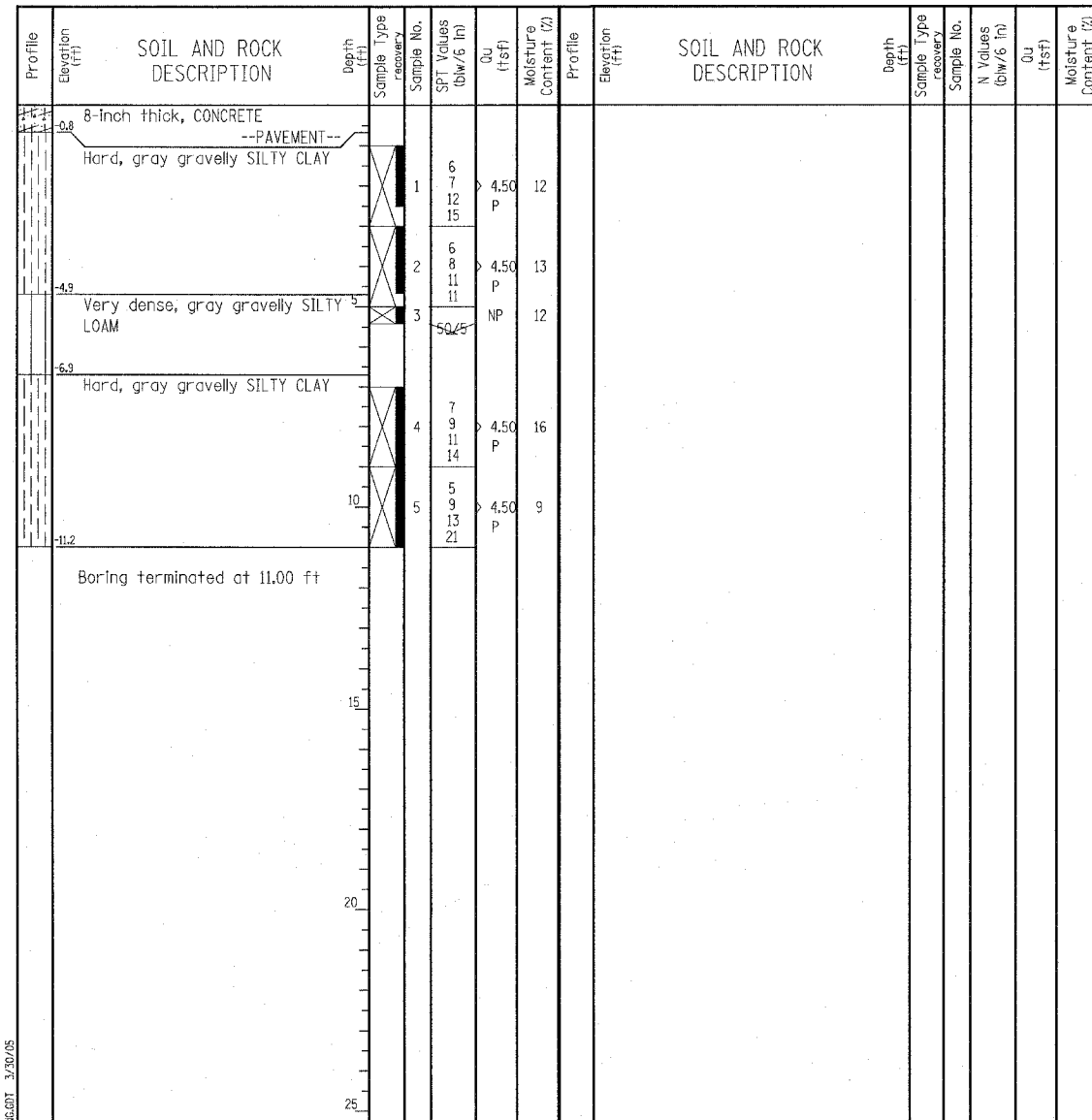
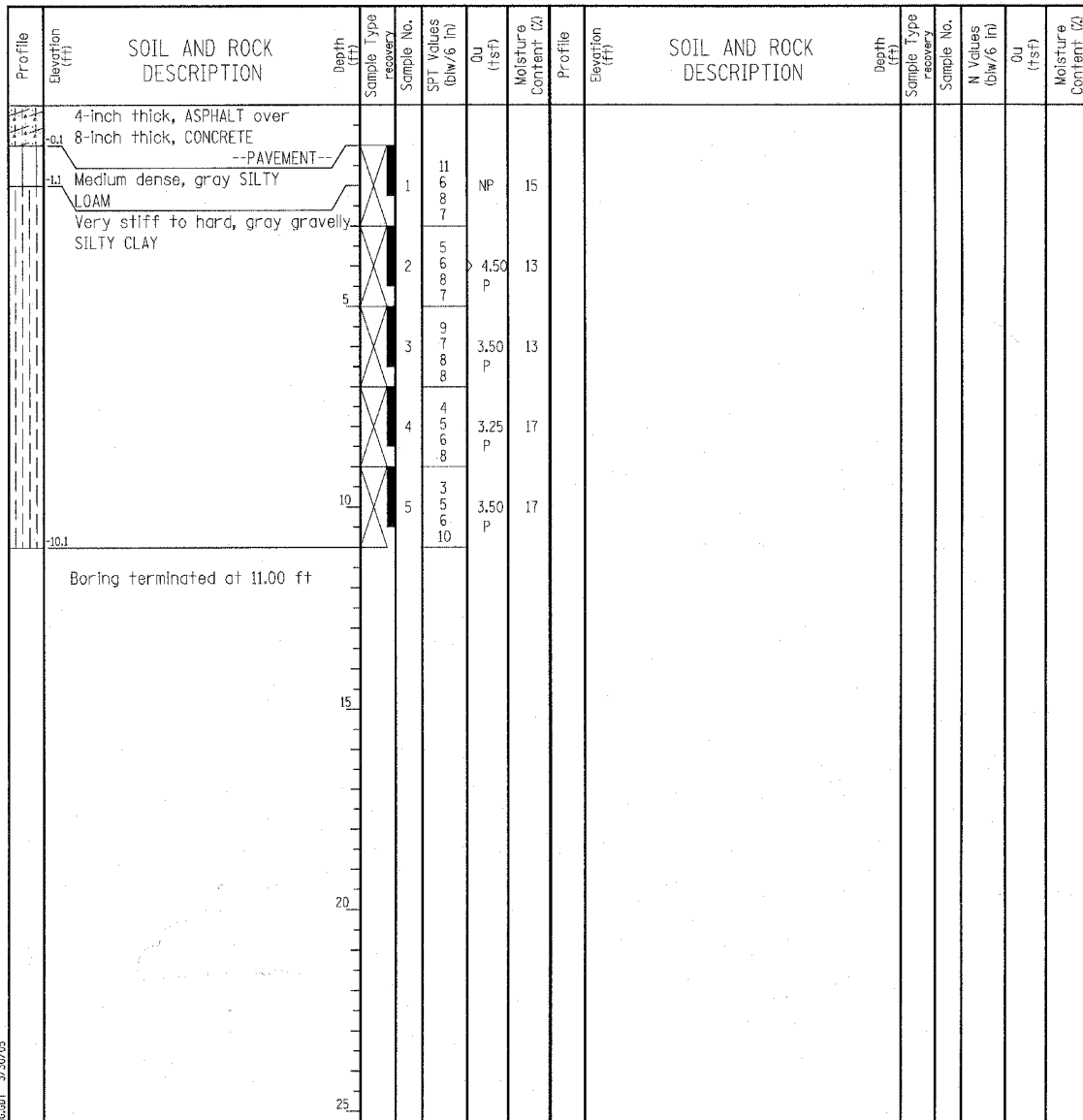
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BORING LOG RB-23

WEI Job No.: 414-07-01

Client: T. Y. LIN International
Project: Dan Ryan Improvements
Location: From 95th Street to 69th Street

Datum: CCD
Elevation: -0.17 ft
North: 1839488.00 ft
East: 1174207.00 ft
Station: 7441+26
Offset: 11' LT



GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-17-2004	Complete Drilling	04-17-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&A	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-17-2004	Complete Drilling	04-17-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&A	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

LEGEND

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

SHEET 9 OF 10

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
BORING LOGS RB-22 & RB-23

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