

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(7-YV-1) BP 25	COOK	12	1
		ILLINOIS	CONTRACT NO. 80B53	

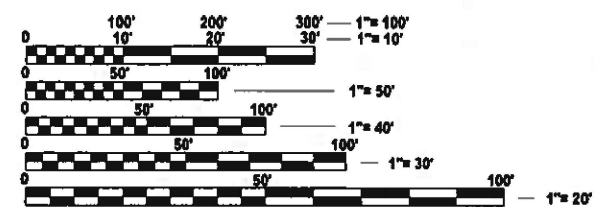
FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS IN THE CITY OF CHICAGO

TRAFFIC DATA
I-55 AT BNSF RAILROAD BRIDGES
2024 ADT: 176500
POSTED SPEED: 55MPH

**PROPOSED
HIGHWAY PLANS**
FAI ROUTE 55: I-55 AT BNSF RAILROAD
SECTION: (7-YV-1) BP 25
BRIDGE PAINTING
COOK COUNTY

C-91-048-26

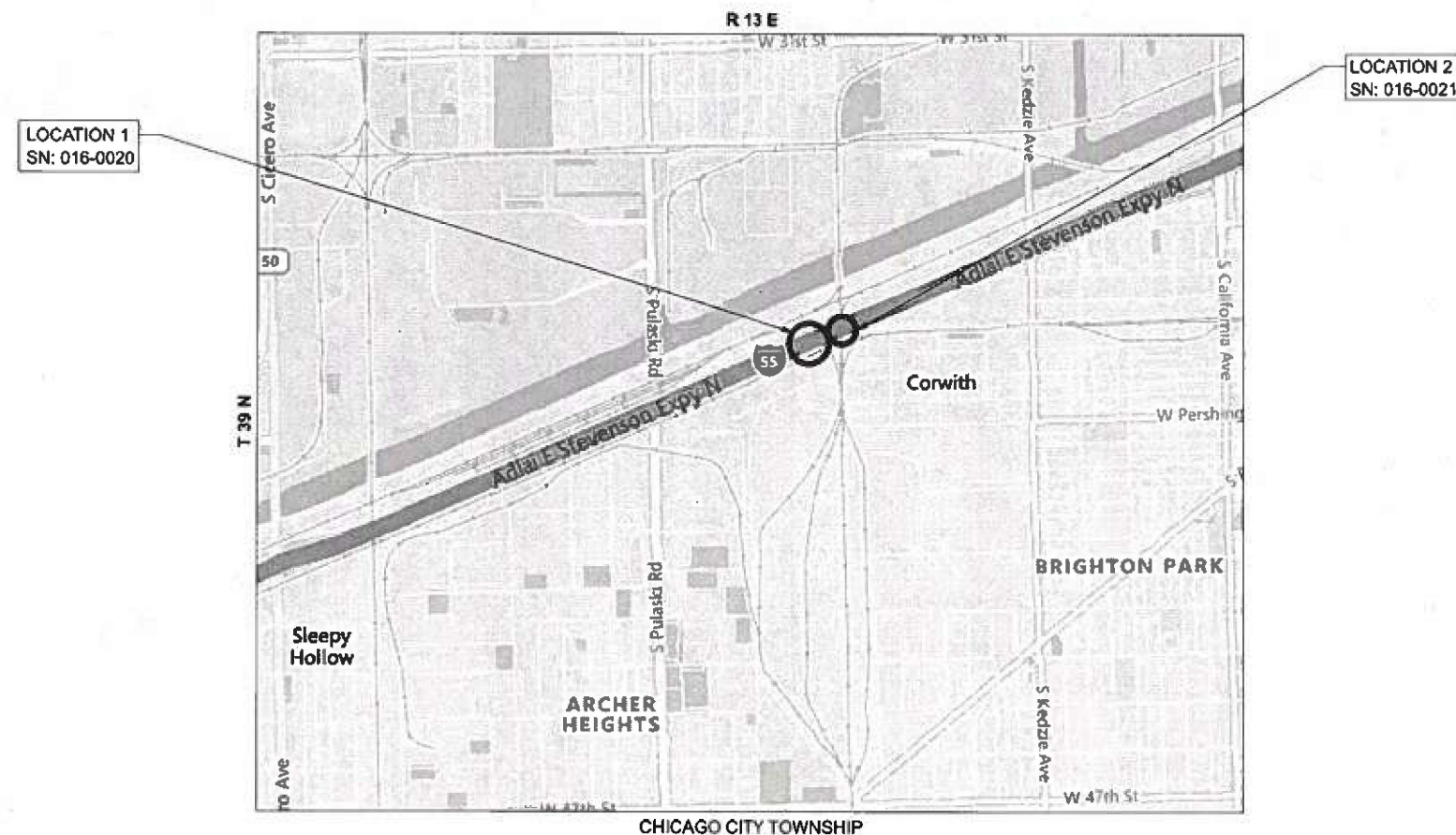


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

C.U.A.N.
CHICAGO UTILITY ALERT NETWORK
1-312-744-7000
OR DIGGER 811

PROJECT ENGINEER: RODRIGO LEDEZMA (847)705-4580
PROJECT MANAGER J. ALAIN MIDY (847)221-3056

CONTRACT NO. 80B53



GROSS LENGTH = 710 FT. = 0.14 MILES
NET LENGTH = 710 FT. = 0.14 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Aug 12th 2025 IR

REGIONAL ENGINEER

October 3rd 2025 See Ed Etk

ENGINEER OF DESIGN AND ENVIRONMENT

October 3rd 2025 [Signature]

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

MODEL: GenNotesSh01 [Sheet]
FILE NAME: c:\p\work\pwt\dot\roth\pjd1140605-sh-gennote.dgn

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO.

DESCRIPTION

STANDARD NO.

DESCRIPTION

1	COVER SHEET AND LOCATION MAP
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4 - 5	LOCATION 1: EXISTING BRIDGE PLANS (SN 016-0020)
6 - 8	LOCATION 2: EXISTING BRIDGE PLANS (SN 016-0021)
9	TRAFFIC CONTROL DETAILS FOR ENTRANCE AND EXIT RAMP CLOSURES (TC-08)
10	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE (TC-09)
11	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)
12	ARTERIAL ROAD INFORMATION SIGN (TC-22)

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, ENTRANCE OR EXIT RAMP 45 MPH OR MORE
701423-10	LANE CLOSURE, MULTILANE WITH BARRER, 45 - 55 MPH
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701901-10	TRAFFIC CONTROL DEVICES

1	BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES, (48 HOURS NOTIFICATION IS REQUIRED).
2	THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, CITY OF CHICAGO AND COOK COUNTY.
3	THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4	IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
5	THE CONTRACTOR SHALL CONTACT THE DISTRICT TRAFFIC CONTROL SUPERVISOR AT (847)705-4151 A MINIMUM OF 72 HOURS IN ADVANCE IN ADVANCE OF BEGINNING WORK.
6	THE CONTRACTOR SHALL REQUEST AND GAIN THE APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT WWW.IDOTLCS.COM 24 HOURS IN ADVANCE OF ALL DAILY LANE, RAMP, AND SHOULDER CLOSURES. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS
7	IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN THE EXISTING BRIDGE LIGHTING AT ANY LOCATIONS THAT LIGHTING IS ENCOUNTERED
8	THE "ARTERIAL ROAD INFORMATION SIGN (TC-22)" IS APPLICABLE ONLY TO ARTERIAL ROADS AND SHALL NOT BE APPLIED TO EXPRESSWAYS/TOLLWAYS.

GENERAL PAINT NOTES

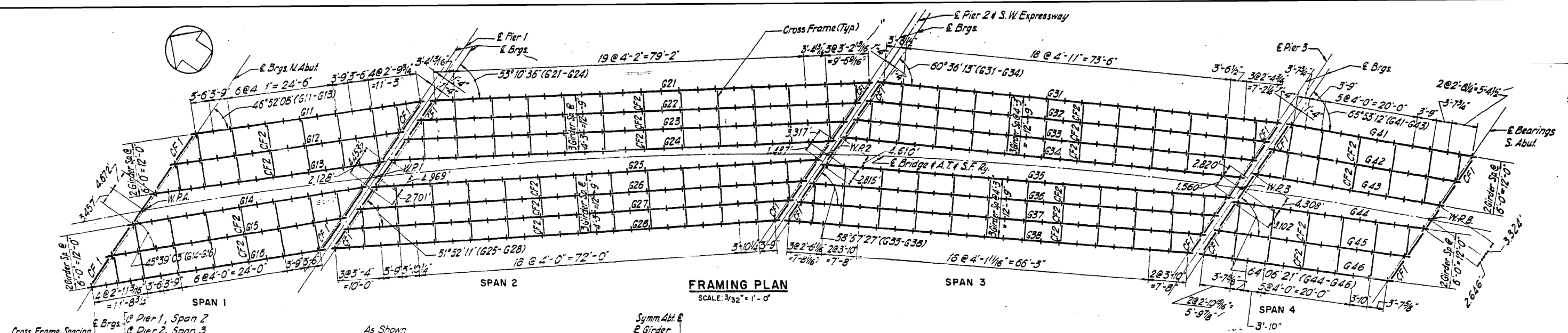
1	CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES".
2	ALL ITEMS (SUCH AS, BUT NOT LIMITED TO: CONDUITS, BRACKETS, AND DECK DRAINS) ATTACHED TO THE OUTSIDE OF THE FASCIA BEAMS SHALL BE CLEANED AND PAINTED.
3	FOR LOCATION 1 (SN 016-0020): ALL BEAMS, BEARINGS, AND OTHER STRUCTUAL STEEL SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP-10
4	FOR LOCATION 2 (SN 016-0021): ALL BEAMS, BEARINGS, AND OTHER STRUCTUAL STEEL SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP-10
5	THESE AREAS SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1-0Z/E/U. THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL SURFACES SHALL BE GRAY, MUNSELL NO 5B 7/1, THE COLOR OF THE FINAL FINISH COAT FOR THE EXTERIOR AND BOTTOM FLANGE OF THE FASCIA BEAMS SHALL BE REDDISH BROWN, MUNSELL NO 2, 5YR 3/4.
6	A MINIMUM OF 2 (TWO) AIR MONITORS AT EVERY LOCATION WILL BE REQUIRED TO MONITOR ABRASIVE BLASTING OPERATIONS. SEE SPECIAL PROVISIONS FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUE.
7	SSPC QP 1 AND SSPC QP2 CERTIFICATION IS REQUIRED FOR THIS CONTRACT.

GENERAL NOTES CONTINUE ON NEXT SHEET

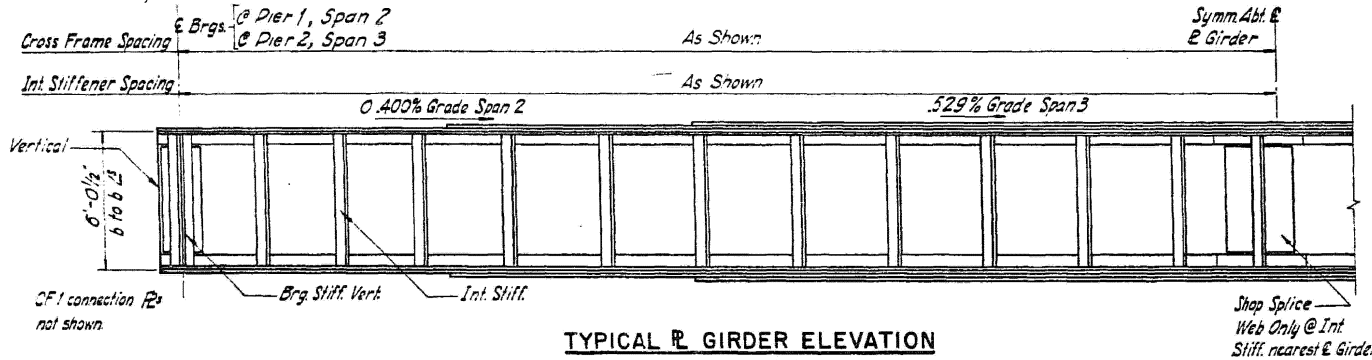
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		DRAWN -	REVISED -					55	(7-YV-1) BP 25	COOK	12	2
		CHECKED -	REVISED -					CONTRACT NO. 80B53				
	PLOT DATE = 8/20/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

[illegible][illegible]

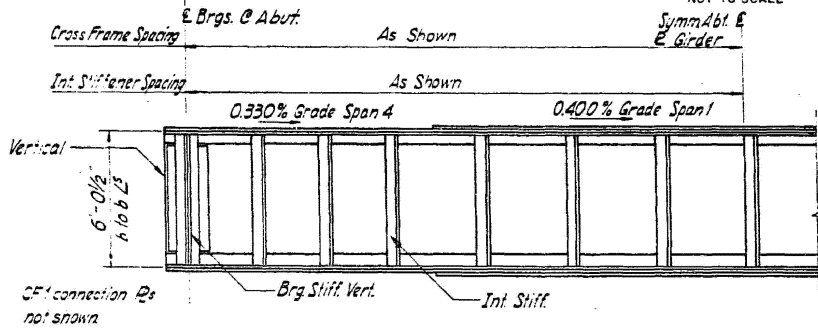
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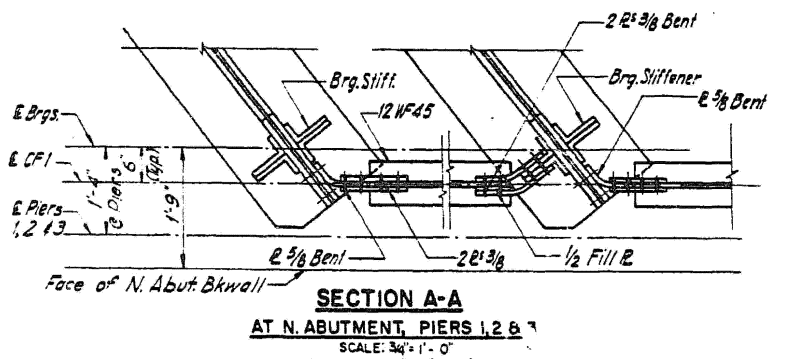
FRAMING PLAN
SCALE: 3/32" = 1' - 0"



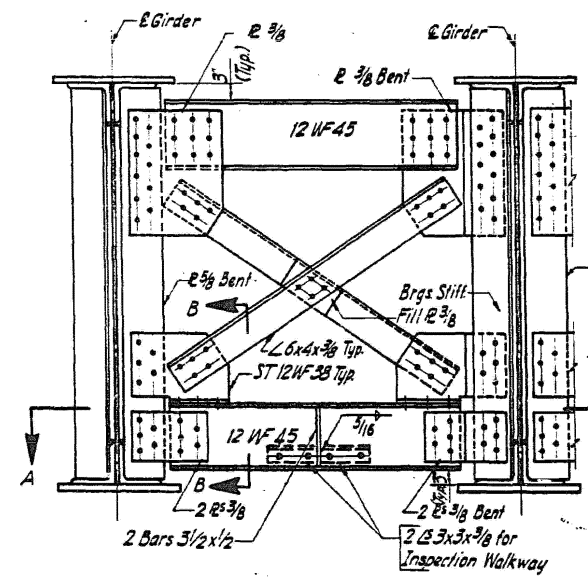
TYPICAL R GIRDER ELEVATION
SPANS 2 & 3
NOT TO SCALE



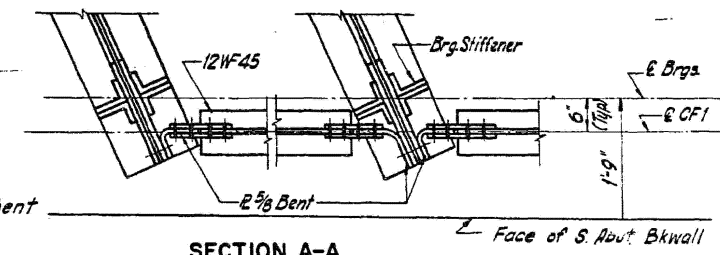
TYPICAL R GIRDER ELEVATION
SPANS 1 & 4
NOT TO SCALE



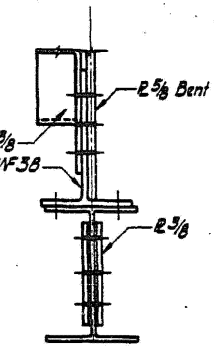
SECTION A-A
AT N. ABUTMENT, PIERS 1, 2 & 3
SCALE: 3/4" = 1' - 0"



TYPICAL CROSS FRAME CF1
SCALE: 3/4" = 1' - 0"



SECTION A-A
AT S. ABUTMENT
SCALE: 3/4" = 1' - 0"



SECTION B-B
SCALE: 1 1/2" = 1' - 0"
NOTE: Girder not shown.

GIRDER SCHEDULE														
MARK	LENGTH C.T.O. C. BEARINGS	WEB SIZE	FLANGE				STIFFENER				RIVET PITCH			
			FLANGE L ³ 3 HOLES OUT		COVER PLATES 2 HOLES OUT		BEARING		INTERIOR		FLANGE L ³ TO WEB (MAX.) (RIVETS STAGGERED)		FLANGE L ³ TO COVER PLATE (MAX.)	
			SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	FLANGE L ³ TO WEB (MAX.) (RIVETS STAGGERED)	FLANGE L ³ TO COVER PLATE (MAX.)	FLANGE L ³ TO WEB (MAX.) (RIVETS STAGGERED)	FLANGE L ³ TO COVER PLATE (MAX.)
G11 - G13	50'-2 1/8"	72x3/8	6x6x3/8	16x3/8	Full Length	16x3/8	34'-6"	—	—	—	4 1/2"	3 1/2"	4 1/2"	3"
G14 - G16	50'-3 1/8"	72x3/8	6x6x3/8	16x3/8	—	16x3/8	34'-6"	—	—	—	4 1/2"	3 1/2"	4 1/2"	3"
G21 - G24	95'-6 3/8"	72x1/2	8x8x1	22x1/2	—	22x1/2	78'-0"	22x3/4	56'-0"	—	4 1/2"	3 1/2"	4 1/2"	3"
G25 - G28	97'-2 1/8"	72x1/2	8x8x1	22x1/2	—	22x1/2	78'-0"	22x3/4	56'-0"	—	4 1/2"	3 1/2"	4 1/2"	3"
G31 - G34	67'-9 1/8"	72x1/2	8x8x3/4	22x3/4	—	22x3/4	72'-0"	22x3/4	54'-0"	—	4 1/2"	3 1/2"	4 1/2"	3"
G35 - G38	69'-2 1/8"	72x1/2	8x8x3/4	22x3/4	—	22x3/4	72'-0"	22x3/4	54'-0"	—	4 1/2"	3 1/2"	4 1/2"	3"
G41 - G43	40'-2 1/8"	72x3/8	6x6x1/2	14x3/8	—	14x3/8	21'-0"	—	—	—	4 1/2"	3 1/2"	4 1/2"	3"
G44 - G46	40'-9 1/8"	72x3/8	6x6x1/2	14x3/8	—	14x3/8	21'-0"	—	—	—	4 1/2"	3 1/2"	4 1/2"	3"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

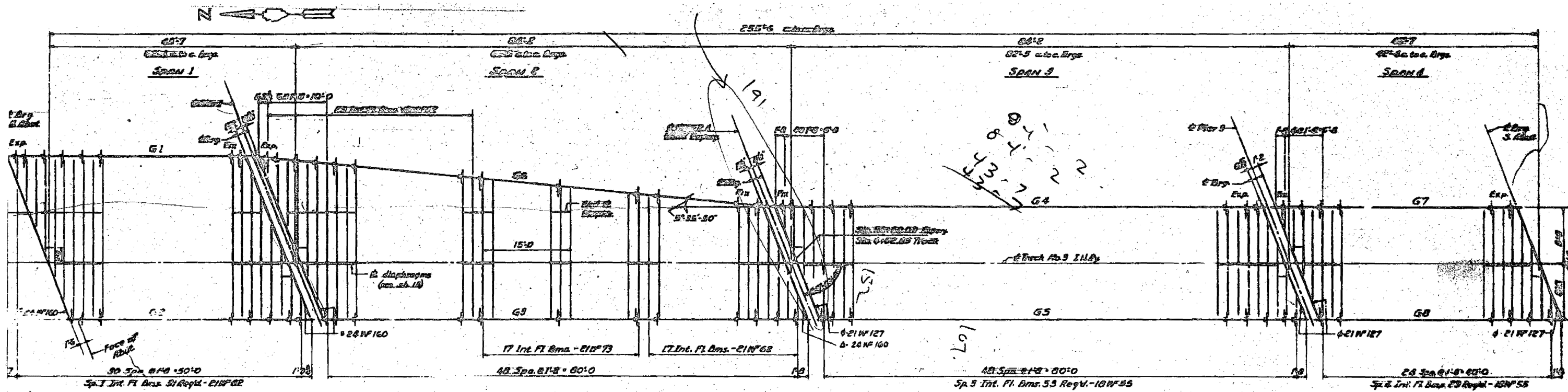
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SN: 016-0020

USER NAME = Jacob.Roth	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2025	DATE -	REVISED -

SCALE:	SHEET 1	OF 5	SHEETS	STA.	TO STA.
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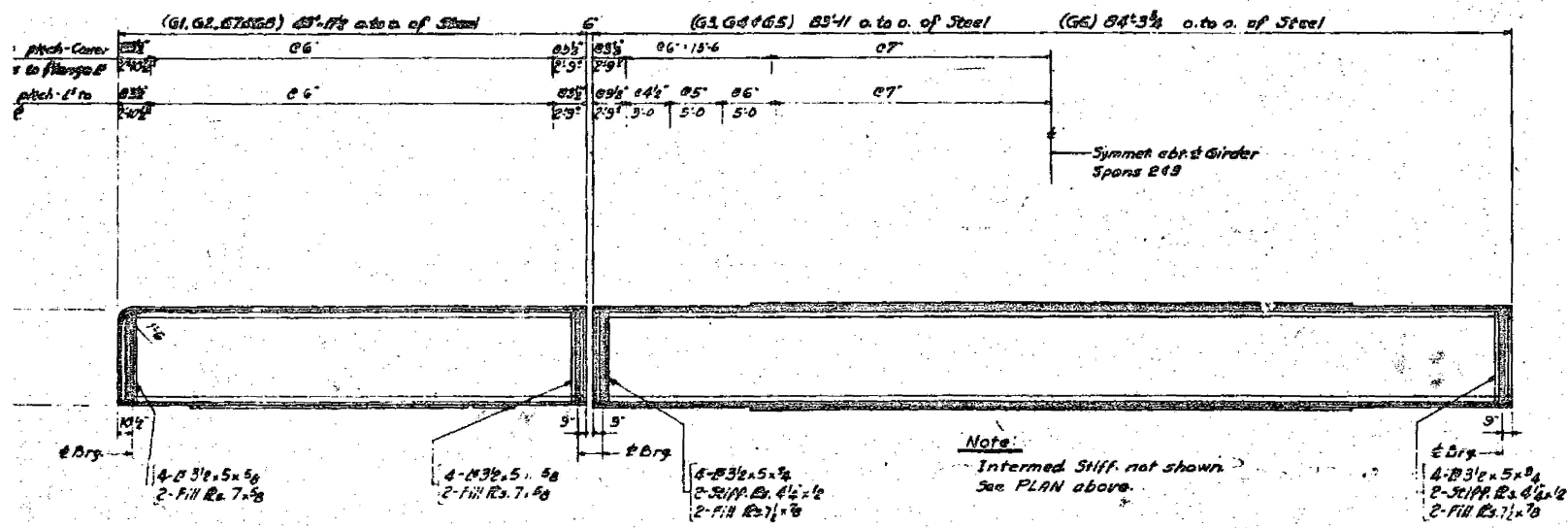
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(7-YV-1) BP 25	COOK	12	4
CONTRACT NO. 80B53				
ILLINOIS FED. AID PROJECT				

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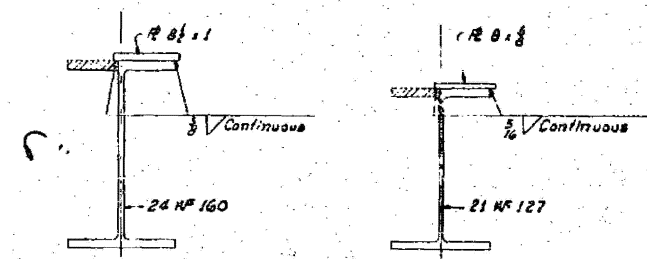


FRAMING PLAN
Scale 1/4" = 1'-0"

Int. Stiff. 2'-4" 5x5x1/2 161 Repl.
Walk Supports 181 Repl.
Brackets 81 Repl.



HALF ELEVATION



END FLOOR BEAM DETAILS
No Scale

FOR INFORMATION ONLY

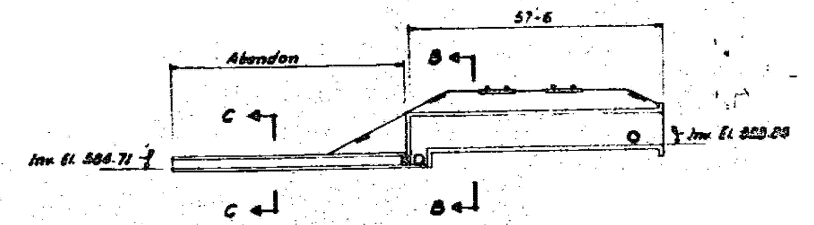
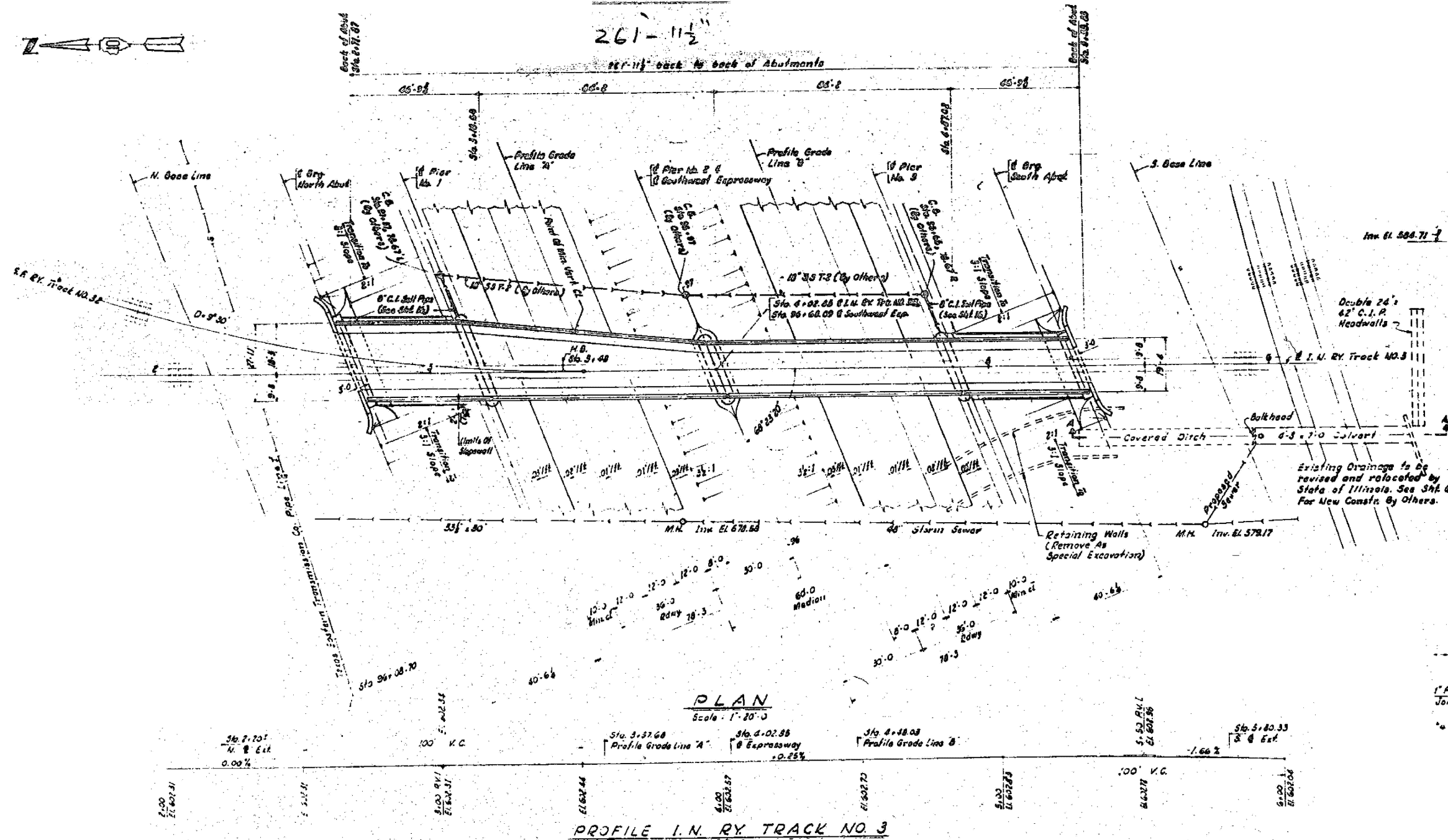
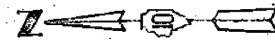
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 7/28/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

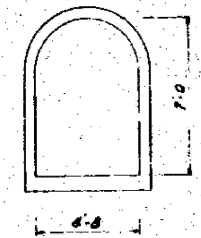
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SN: 016-0021

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

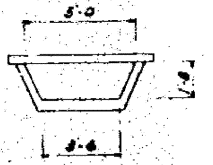
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55	(7-YV-1) BP 25	COOK	12	6
CONTRACT NO. 80B53				
ILLINOIS FED. AID PROJECT				



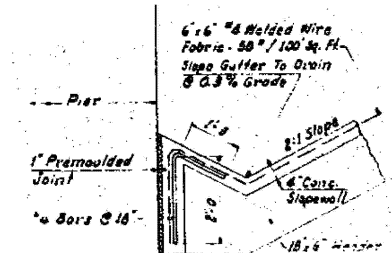
SECTION A-A



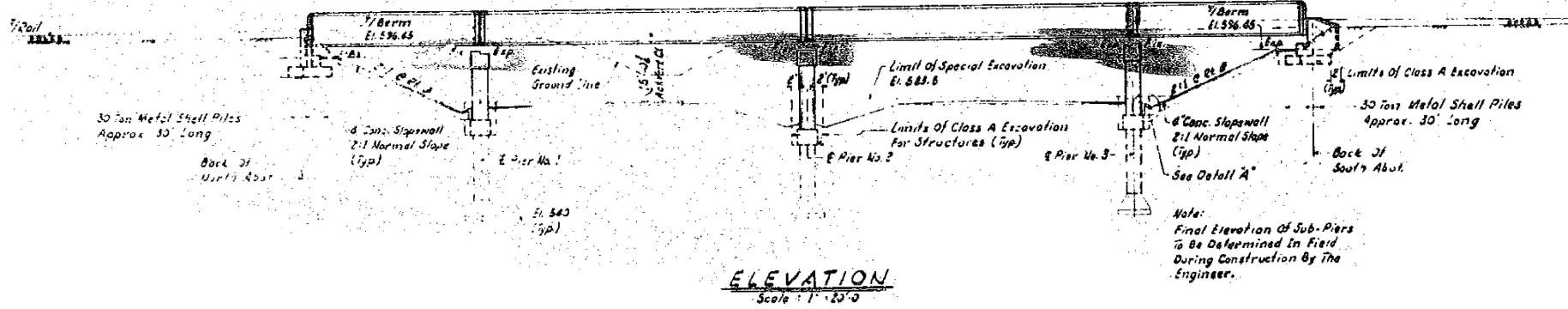
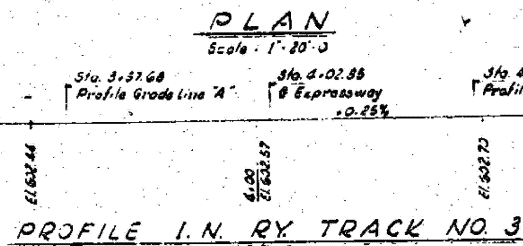
SECTION B-B



SECTION C-C



DETAIL A



FOR INFORMATION ONLY

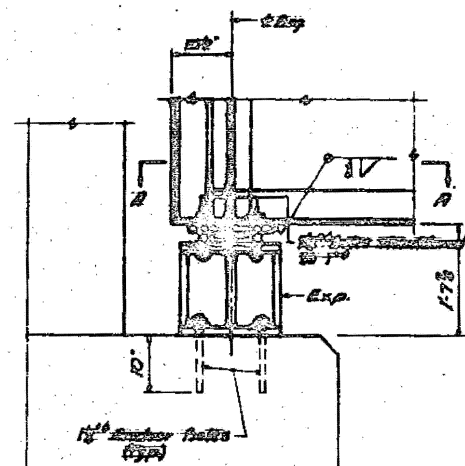
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
CN: 016-0021

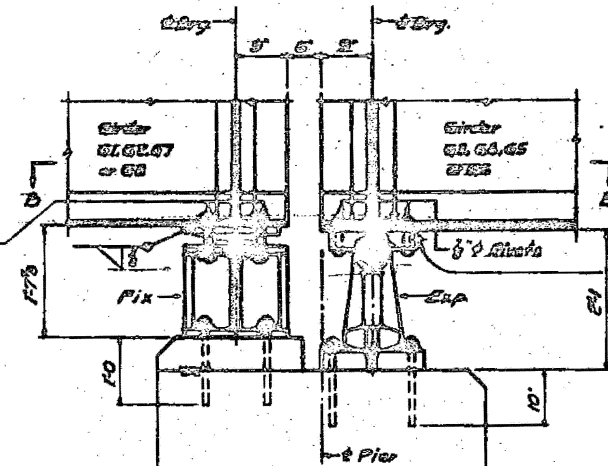
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55	(7-YV-1) BP 25	COOK	12	7
CONTRACT NO. 80B53				
ILLINOIS FED. AID PROJECT				

USER NAME = Jacob.Roth	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2025	DATE -	REVISED -

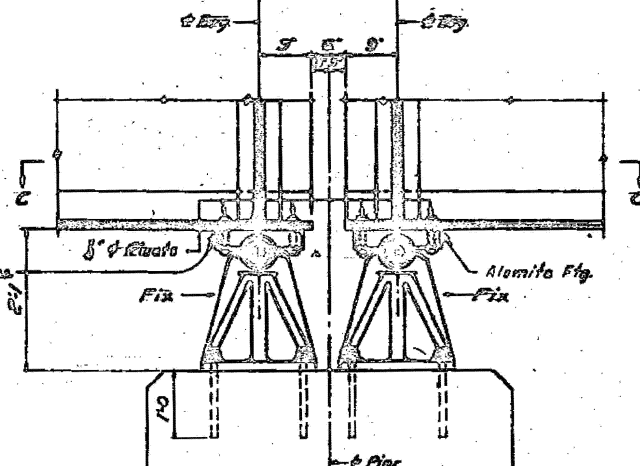
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TYP. AT ABUTMENTS



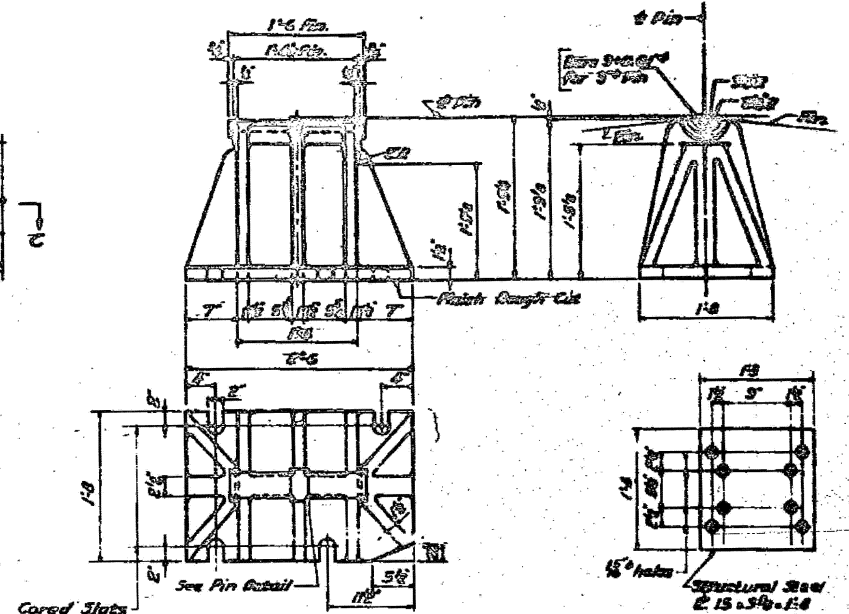
TYP. AT PIERS 1 & 3



TYP. AT PIER 2

ERECTION DIAGRAM

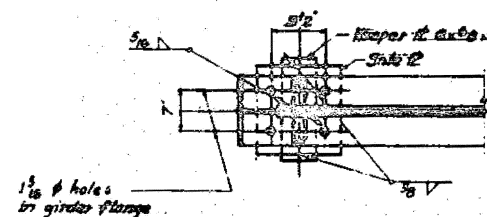
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Cast Steel Annealed
ASTM A-27-55
Grade 65-85, Full Annealed
All fillets 1/4" unless noted

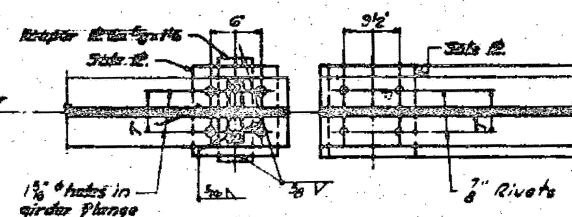
CAST BASE (4 Req'd)
For Fixed Brgs @ Pier 2
Scale: 1/4"=1'-0"

SOLE PLATE (4 Req'd)
For Fixed Brgs @ Pier 2
Scale: 1/4"=1'-0"



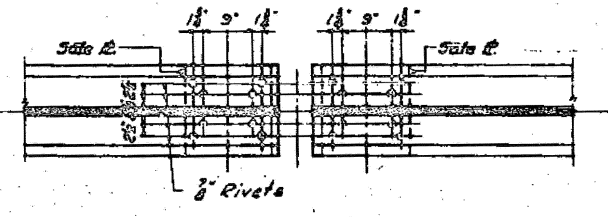
SECTION A-A

Scale: 1/4"=1'-0"



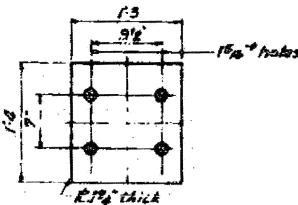
SECTION B-B

Scale: 1/4"=1'-0"

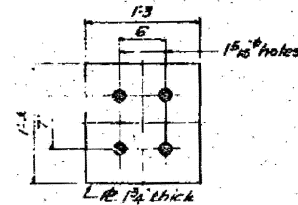


SECTION C-C

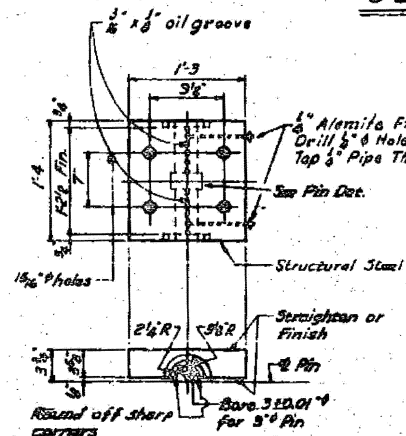
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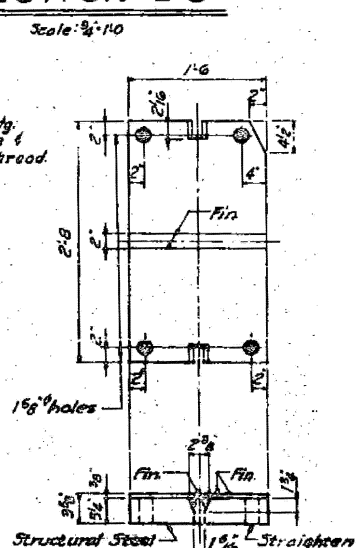
SOLE PLATE (4 Req'd)
For Exp. Brg @ Abut.
Scale: 1/4"=1'-0"



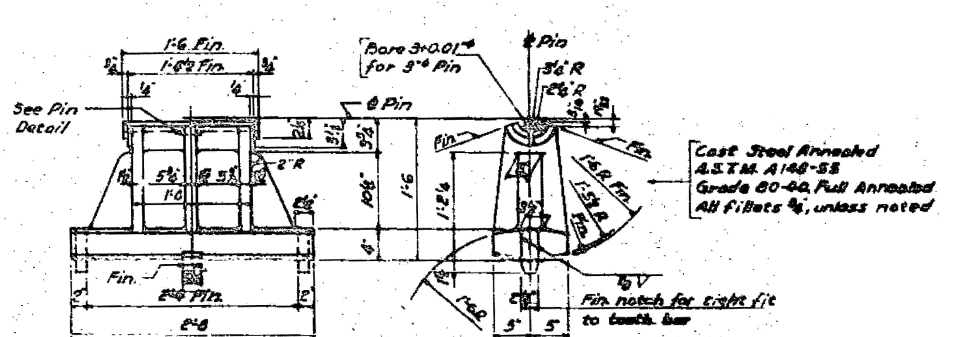
SOLE PLATE (4 Req'd)
For Fixed Brg @ Piers 1 & 3
Scale: 1/4"=1'-0"



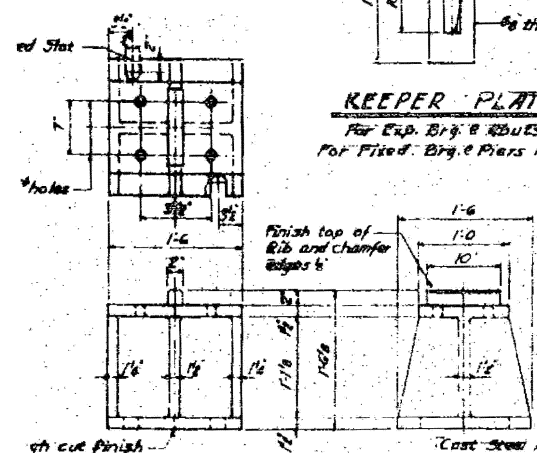
SOLE PLATE (4 Req'd)
For Exp. Brg @ Piers 1 & 3
Scale: 1/4"=1'-0"



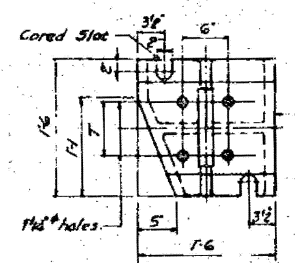
ROCKER PLATE (4 Req'd)
For Exp. Brg @ Piers 1 & 3
Scale: 1/4"=1'-0"



ROCKER (4 Req'd)
For Exp. Brg @ Piers 1 & 3
Scale: 1/4"=1'-0"



KEEPER PLATE (8 Req'd)
For Exp. Brg @ Abut. & 1
For Fixed Brg @ Piers 1 & 3



Cast Steel Annealed
ASTM A-27-55
Grade 65-85, Full Annealed
All fillets 1/4" unless noted

CAST BASE (4 Req'd)
For Fixed Brg @ Piers 1 & 3
Scale: 1/4"=1'-0"

CAST BASE (4 Req'd)
For Exp. Brg @ Abut. Scale: 1/4"=1'-0"

1-Rod 1/4"x1-3/4" Structural Steel
1-Std. Washer 1/8" hole
1-Std. hex nut 1/4" top

ANCHOR BOLT DETAIL (40 Req'd) TOOTH BAR DETAIL (4 Req'd)

For pin, casting, rocker & sole IR
2-1/2"x1/4"x10-5/8" bar
Structural Steel
Finish all over

1-Pin 3/4"x2-1/2" Forged Steel. Finish all over.
ASTM A-27-55, S&E 085. Heat treated and
hardened to approximately 250 Brinell.
2-Keeper Rings 6"x1/4". Finish all over 4-1/2" & bore.
2-Washers 5/8"x1/4". 2-1/2" hole.
2-1/2" Washers 1/2" thick, 2-1/2" hole.
2-Std. Hex nuts, 2-1/2" top

PIN DETAIL (8 Req'd)
Scale: 1/4"=1'-0"

FOR INFORMATION ONLY

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USER NAME = Jacob Roth	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2025	DATE -	REVISED -

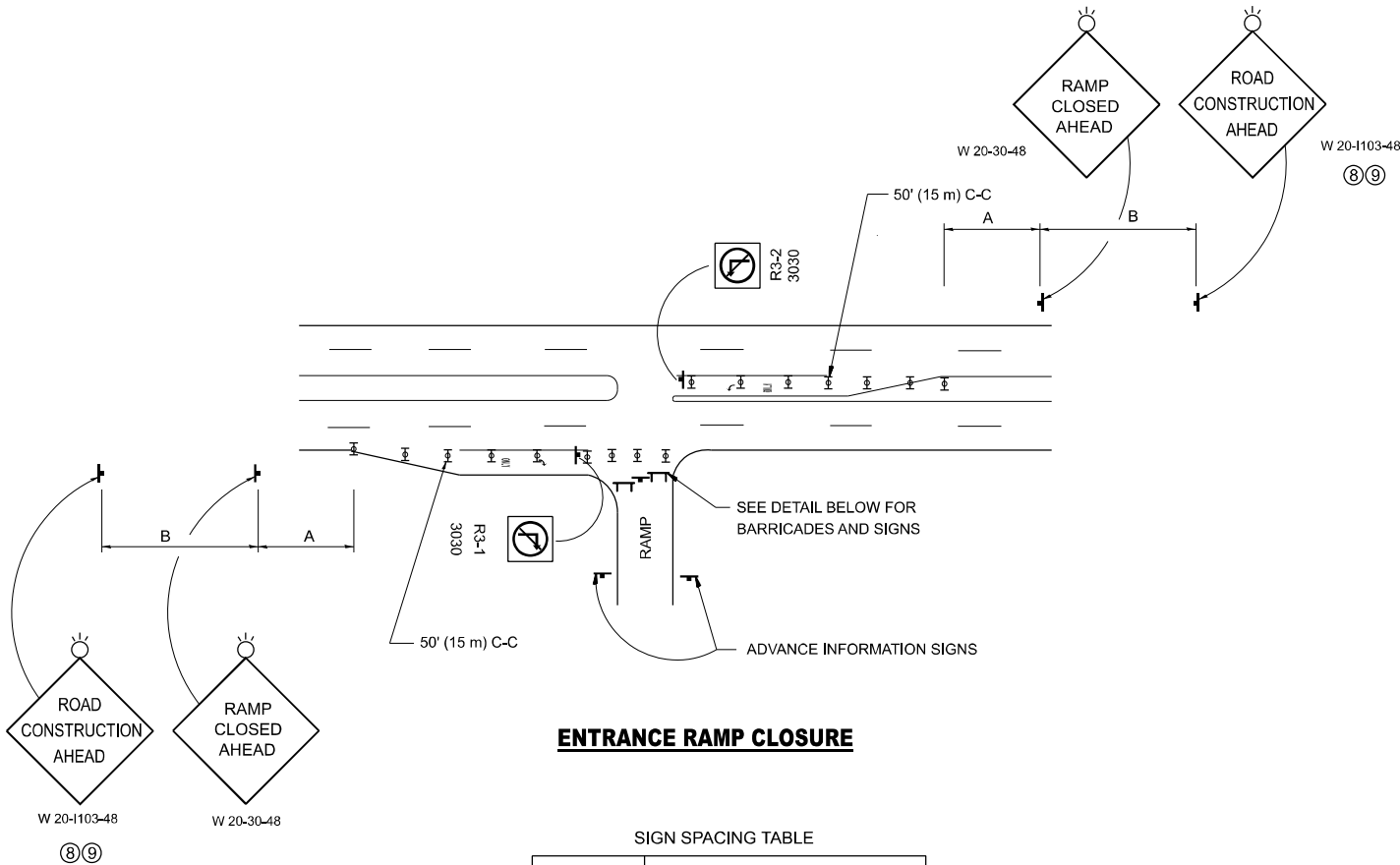
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEARING DETAILS
SN: 016-0021

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F&I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(7-YV-1) BP 25	COOK	12	8
CONTRACT NO. 80B53				
ILLINOIS FED. AID PROJECT				

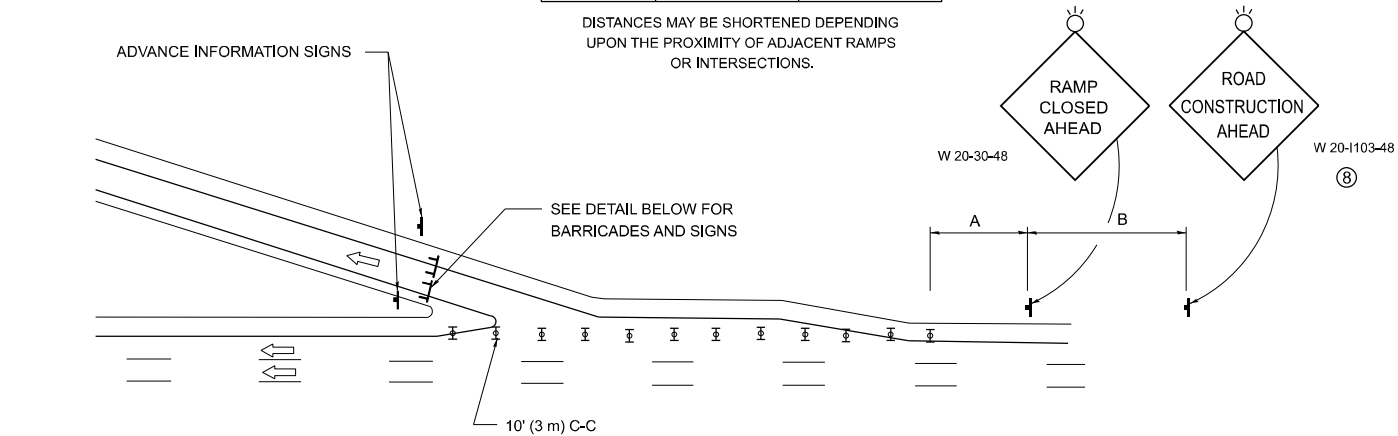
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ENTRANCE RAMP CLOSURE

FACILITY	SIGN SPACING TABLE	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY ≤24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

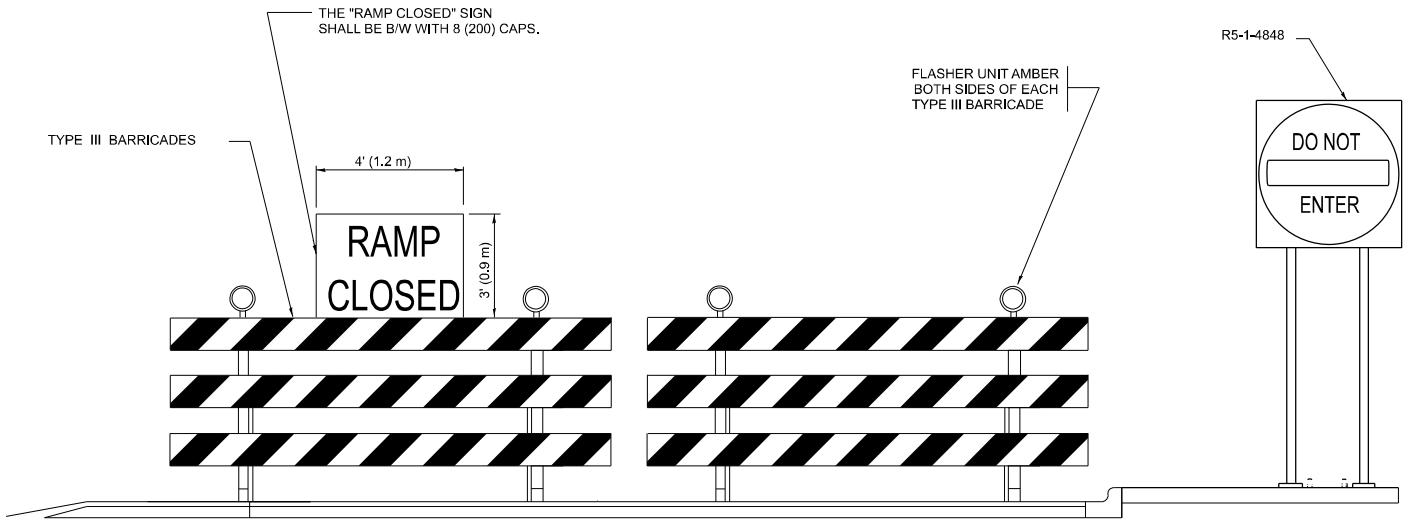
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

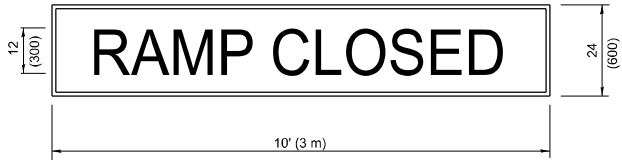
SYMBOLS

- TYPE II BARRICADE OR DRUM
- TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

RAMP CLOSURE ADVANCE WARNING SIGN



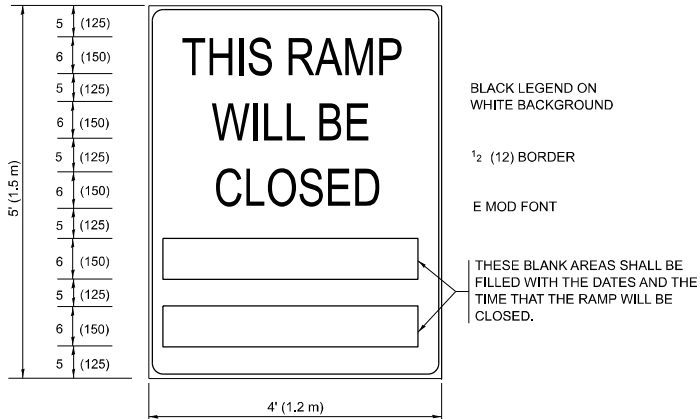
BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

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

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON WHITE BACKGROUND

1/2 (12) BORDER

E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

GENERAL NOTES:

- CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

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

USER NAME = Jacob,Roth	DESIGNED - D.W.S.	REVISED - S.P.B._12-09
	DRAWN -	REVISED - M.D._06-13
	CHECKED -	REVISED - M.D._01-18
PLOT DATE = 8/20/2025	DATE - 02-83	REVISED - D.S._05-24

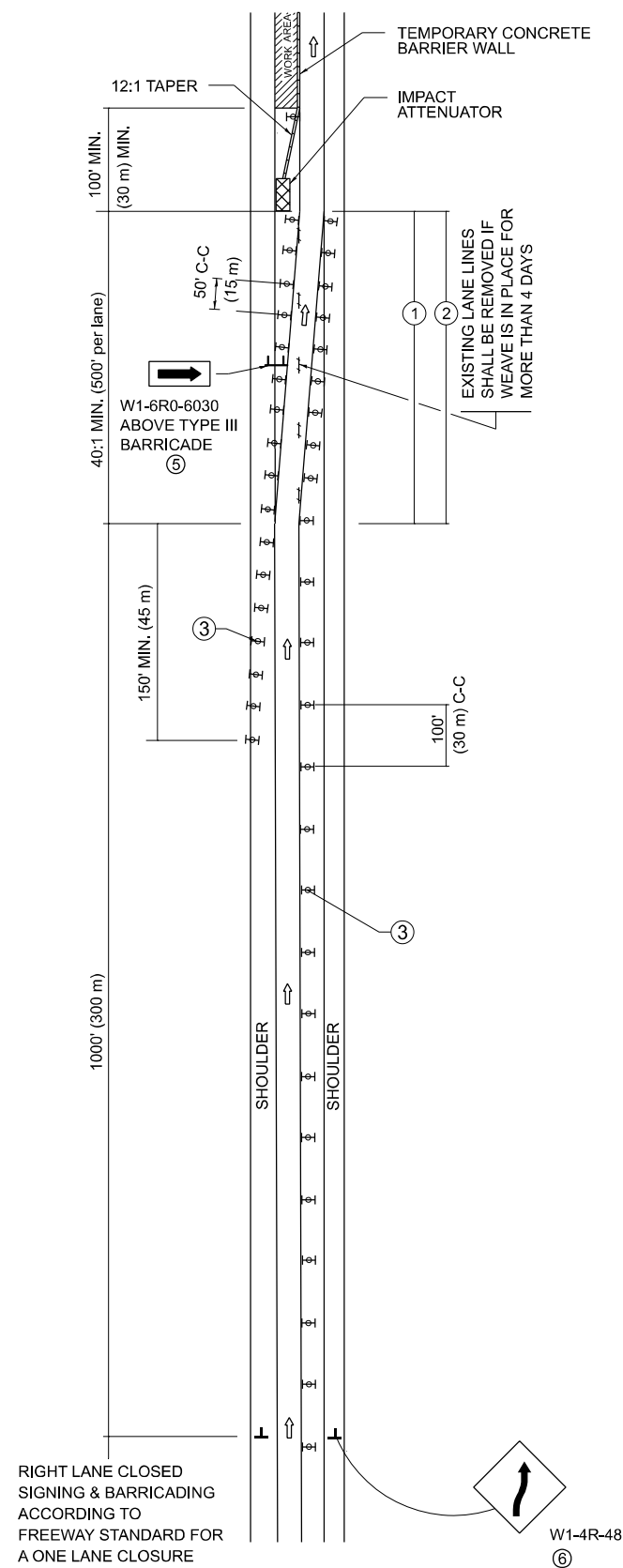
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE AND EXIT_RAMP
CLOSURE DETAILS**

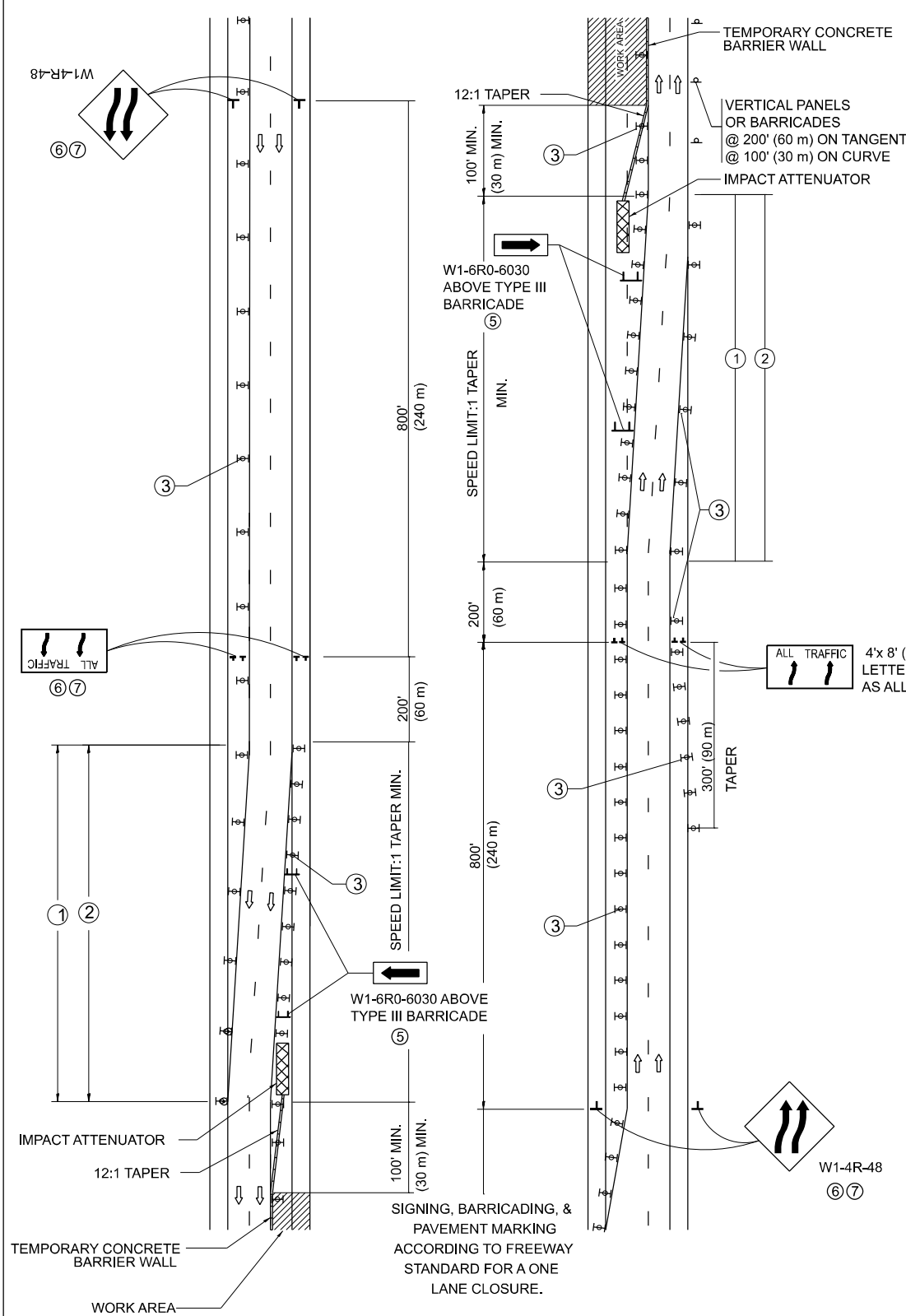
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(7-YV-1) BP 25	COOK	11	9
TC-08		CONTRACT NO. 80B53		
ILLINOIS		FED. AID PROJECT		

SINGLE LANE WEAVE



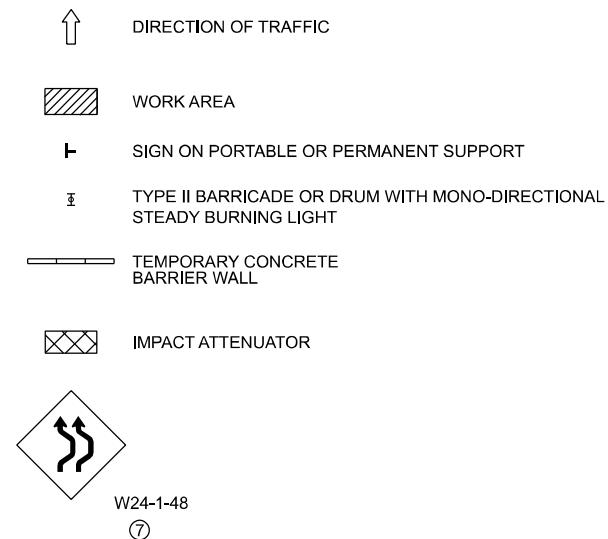
MULTI-LANE WEAVE



GENERAL NOTES:

- ① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.
- ② CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) 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 WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ⑤ TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- ⑥ WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- ⑦ THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS



ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN

USER NAME = Jacob,Roth	DESIGNED - D.W.S.	REVISED - J.A.F. 02-06
	DRAWN -	REVISED - S.P.B. 01-07
	CHECKED -	REVISED - S.P.B. 12-09
PLOT DATE = 8/20/2025	DATE - 02-87	REVISED - M.D. 06-13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

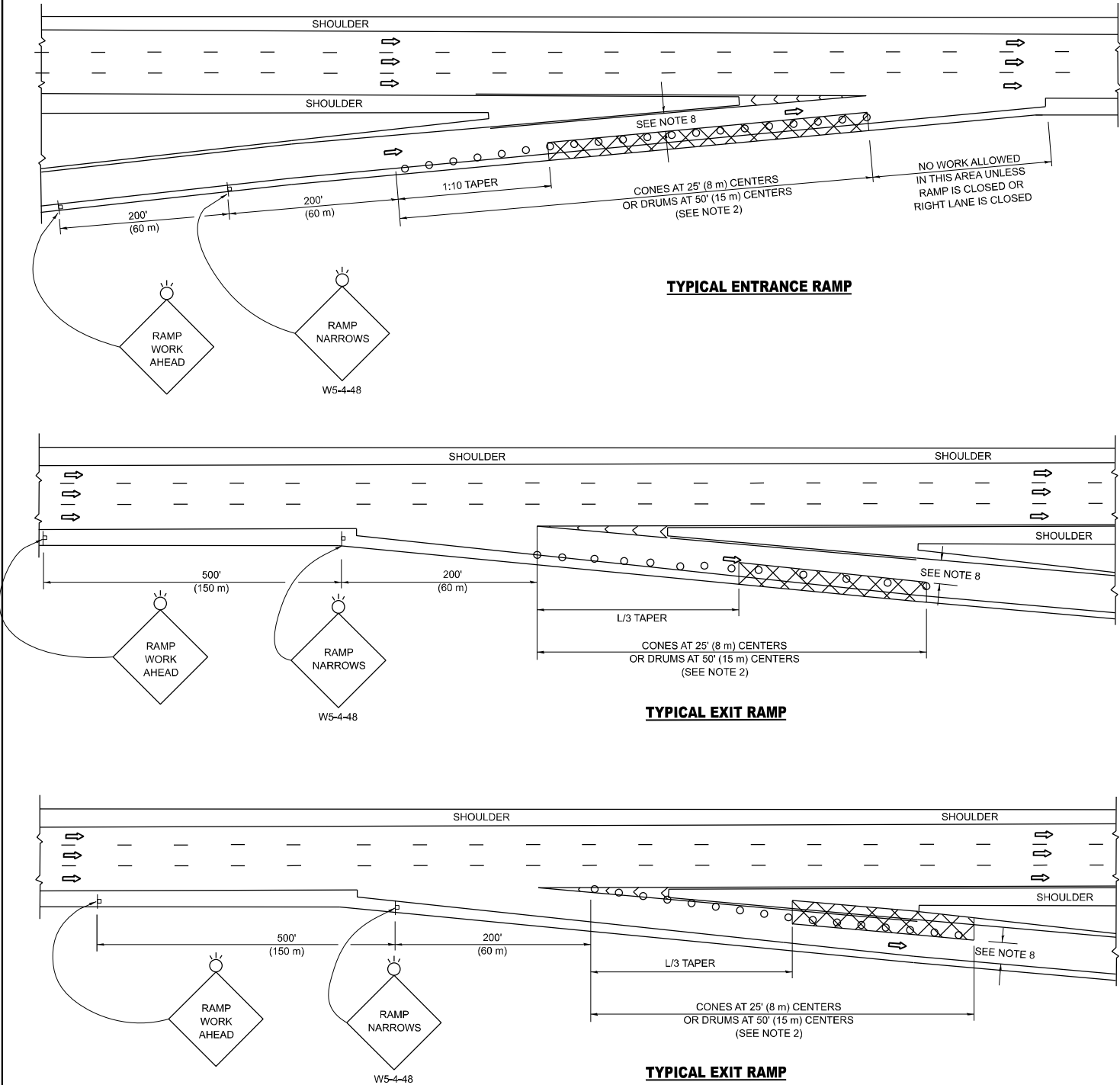
TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(7-YV-1) BP 25	COOK	12	10
TC-09		CONTRACT NO. 80B53		
ILLINOIS		FED. AID PROJECT		

MODEL: TC-09 [Sheet]
FILE NAME: c:\pw work\pwidot\roth\p1d1140605\sh-t-DistStd.s.dgn

PARTIAL RAMP CLOSURE DETAILS



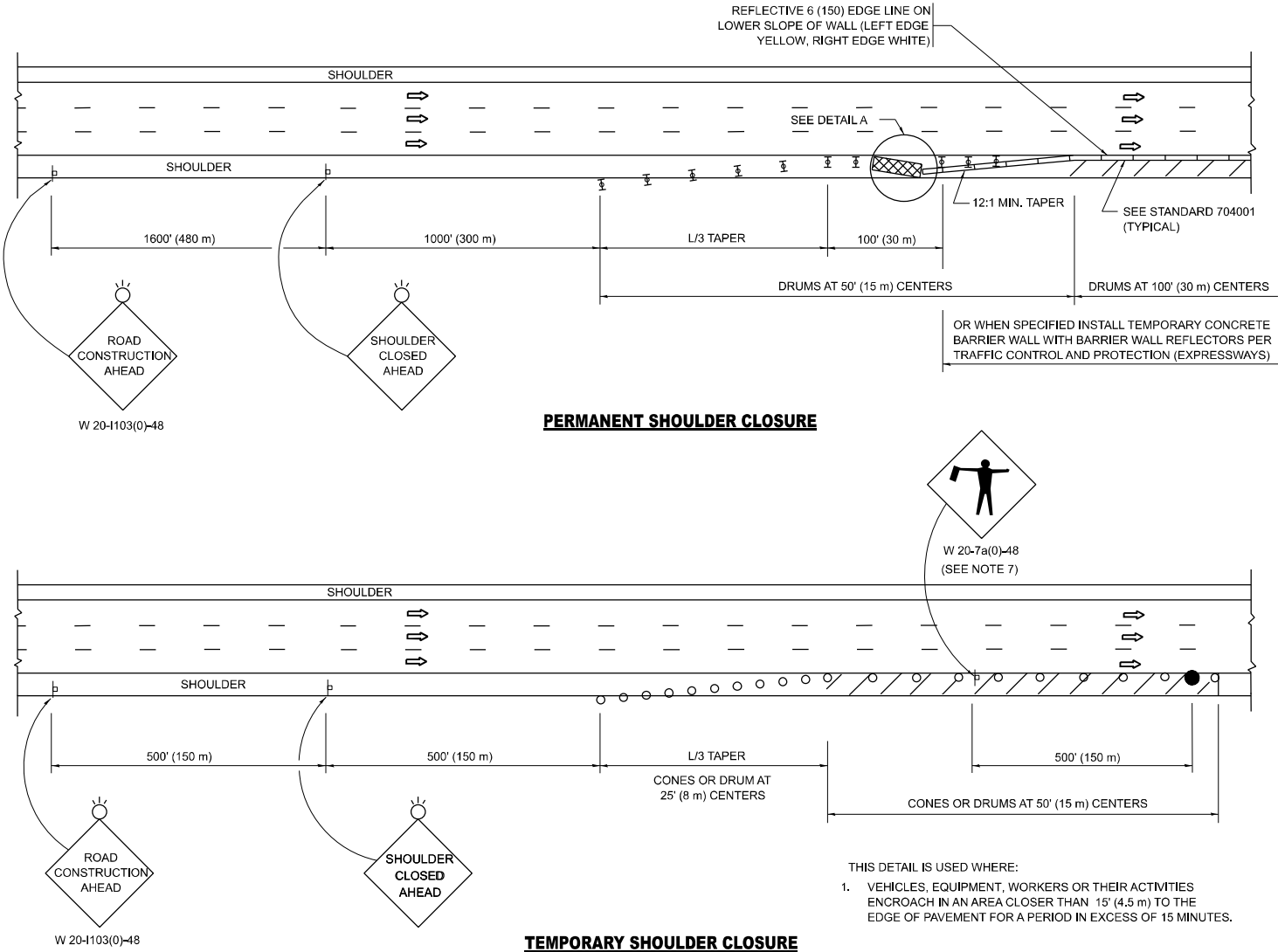
SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES:

- THE "L" DISTANCE EQUALS:
SPEED LIMIT FORMULAS
45 mph (80 km/h) METRIC ENGLISH
OR GREATER: $L=0.65(W)(S)$ $L=(W)(S)$
W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)
- TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- 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

TEMPORARY SHOULDER CLOSURE

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

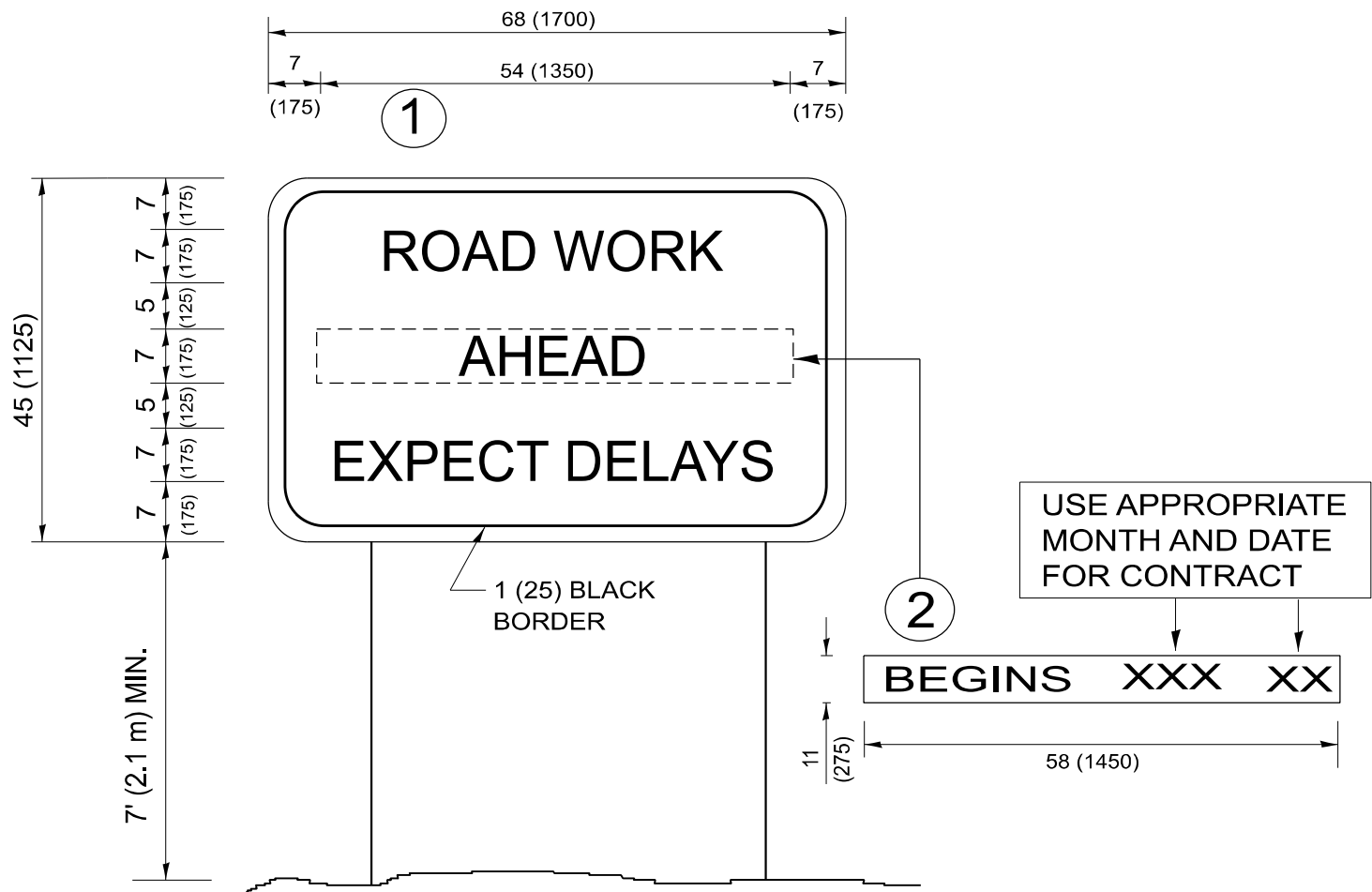
- THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
- THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
b. THE WORK ACTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
- 12' MIN. WIDTH TANGENT SECTION
16' MIN. WIDTH CURVE SECTION.
- TEMPORARY SHOULDER AND NON-SYSTEM INTERCHANGE PARTIAL RAMP CLOSURES ARE ALLOWED WEEKDAYS BETWEEN 9:00 A.M. AND 3:00 P.M. AND BETWEEN 7:00 P.M. AND 5:00 A.M. OR AS APPROVED BY THE EXPRESSWAY TRAFFIC OPERATIONS ENGINEER. PERMANENT SHOULDER AND PARTIAL RAMP CLOSURES WILL ONLY BE PERMITTED IF CALLED FOR IN THE PLANS OR AS APPROVED BY THE EXPRESSWAY OPERATIONS ENGINEER.

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

MODEL: TC-17 [Sheet]
FILE NAME: c:\pawork\proj\road\proj\1140605-sh-01s\ds\ds.dgn

	USER NAME = Jacob,Roth	DESIGNED -	REVISED - M.D. 06-13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES	SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - D.W.S.	REVISED - M.D. 01-18						55	(7-YV-1) BP 25	COOK	12	11
		CHECKED -	REVISED - M.D. 10-20						TC-17		CONTRACT NO. 80B53		
		PLOT DATE = 8/20/2025	DATE - 11-96						REVISED - D.S. 05-24	ILLINOIS FED. AID PROJECT			

MODEL: TC-22 [Sheet]
FILE NAME: c:\p\work\pwt\roth\pjd1140605-sh-DistSds.dgn



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 25.70 SQ. FT. (2.3 SQ. M.)
- 7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

	USER NAME = Jacob,Roth	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. MIRS 12-11-97					55	(7-YV-1) BP 25	COOK	12	12
		CHECKED -	REVISED - T. RAMMACHER 02-02-99		TC-22			CONTRACT NO. 80B53				
	PLOT DATE = 8/20/2025	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		