

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
370	2021-097-BP	COOK	23	1
ILLINOIS			CONTRACT NO. 62P25	

\* 23 + 2 = 25 TOTAL SHEETS

D-91-186-21



LOCATION OF SECTION INDICATED THUS: —

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 370: WESTERN AVE  
OVER CALUMET SAG CHANNEL  
SECTION 2021-097-BP  
PROJECT: NHPP-TJ4H(487)  
BRIDGE PAINTING  
COOK COUNTY

C-91-223-21

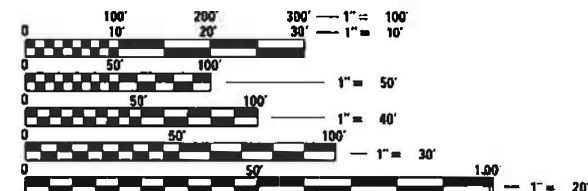
FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENTS ARE LOCATED IN  
THE CITY OF BLUE ISLAND

**TRAFFIC DATA**

**WESTERN AVE**

2018 ADT = 6950  
POSTED SPEED LIMIT = 35 MPH



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

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS  
1-800-892-0123  
OR 811



T 37 N

WORTH AND CALUMET TOWNSHIPS

PROJECT MANAGER: MIDY, J. ALAIN (847) 221-3056

CONTRACT NO. 62P25

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED: June 23 20 21  
Joel Piro REGIONAL ENGINEER

August 13, 2021  
Scott A. Elk  
ENGINEER OF DESIGN AND ENVIRONMENT

August 13, 2021  
James J. ...  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
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16	TRAFFIC STAGING CROSS SECTIONS
17-18	TRAFFIC CONTROL PLAN. STAGE 1
19-20	TRAFFIC CONTROL PLAN. STAGE 2
21	PAVEMENT MARKING PLAN
22	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)
23	ARTERIAL ROAD INFORMATION SIGN (TC-22)

**STATE STANDARDS**

<u>STD NO.</u>	<u>DESCRIPTION</u>
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

**GENERAL NOTES**

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE CITY OF BLUE ISLAND.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT Kalpana.Kannan-Hosadurga@illinois.gov A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINING WORK.

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED AT THE UNIT PRICE BID FOR THE WORK.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND PRESERVE THE EXISTING BRIDGE LIGHTING AND ANY UTILITIES ATTACHED TO THE BRIDGE AT ANY LOCATIONS ADJACENT TO AN AREA TO BE CLEANED AND PAINTED.

THE CONTRACTOR SHALL OBTAIN COAST GUARD APPROVAL FOR ANY WORK THAT MAY INTERFERE WITH NAVIGATIONAL OPERATIONS OF THE NAVIGABLE WATERS. A WORK PLAN SHALL BE PREPARED BY THE CONTRACTOR, REVIEWED AND APPROVED BY THE ENGINEER AND BE SUBMITTED BY THE ENGINEER TO THE COAST GUARD AT THE ADDRESS LISTED BELOW FOR APPROVAL.

BRIDGE ADMINISTRATOR  
US COAST GUARD  
NINTH COAST GUARD DISTRICT  
1240 N. NINTH ST  
CLEVELAND, OH 44199-2060

(Scott Striffler (216) 902-6087.

**GENERAL PAINT NOTES**

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES".

ALL INTERIOR AND EXTERIOR SURFACES OF NORTH APPROACH SPAN AND BUILT-UP TRUSS MEMBERS, BEAMS, BEARINGS AND OTHER STRUCTURAL STEEL (FLOOR BEAMS , STRINGERS, DIAPHRAGMS, ETS..) SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING-SSPC-SP10. THESE AREAS SHALL BE PAINTED ACORDING TO THE REQUIREMENTS OF PAINT SYSTEM I -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 TRUSS MEMBERS AND FASCIA BEAMS SHALL BE BLUE, MUNSELL NO. 10B 3/6.

ALL ITEMS (SUCH AS, BUT NOT LIMITED TO: CONDUITS, BRACKETS AND DECK DRAINS) ATTACHED TO THE TRUSS OR BEAMS SHOULD BE CLEANED AND PAINTED.

A MINIMUM OF 2 (TWO) AIR MONITORS WILL BE REQUIRED TO MONITOR ABRASIVE BLASTING OPERATIONS. SEE SPECIAL PROVISIONS FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES."

ALL VERTICAL AND DIAGONAL LAPPING MEMBERS SHALL BE CAULKED ALONG THE TOP AND SIDES. THE BOTTOM SHALL REMAIN OPEN FOR DRAINAGE.

JOINT SEALANT SHALL BE INSTALLED AROUND ALL CONNECTION PLATES AND AT AREAS OF PACK RUST BETWEEN BUILT UP MEMBERS.

THE SEALANT SHALL BE AN APPROVED POLYURETHANE SEALANT, COMPATIBLE WITH THE PROPOSED PAINT SYSTEM AND SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO USE.

THE SURFACES OF THE CREVICES TO RECEIVE JOINT SEALANT SHALL BE CLEANED COMMERCIAL GRADE POWER TOOL CLEANING SSPC-SP15 AND PAINTED ACCORDING TO THE REQUIRES OF PAINT SYSTEM 2-PS/EM/U. ONCE THE PAINT SYSTEM IS DRY TO TOUCH, THE SEALANT SHALL BE INSTALLED OVER THE FINAL FINISH COAT. AFTER THE SEALANT HAS CURED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN PRODUCT DATA SHEET, A STRIP FINISH COAT SHALL BE APPLIED OVER THE SEALANT.

THE COST OF JOINT SEALANT AND CAULKING INCLUDED IN THE "CLEANING AND PAINTING STEEL BRIDGE" PAY ITEM.

SSPC QP1 AND SSPC QP2 CERTIFICATION IS REQUIRED FOR THIS CONTRACT.

FILE NAME :	USER NAME = gorengautob	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 7/20/2021				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN 0047	CONSTRUCTION TYPE CODE 0044				
CODE NO	ITEM	UNIT		80% FEDERAL				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18				
67100100	MOBILIZATION	L SUM	1	1				
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	120	120				
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	2300	2300				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	650	650				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	650	650				
70600240	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2	EACH	2	2				
70600340	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2	EACH	2	2				
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	300	300				
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	44	44				
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	100	100				
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	770	770				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN 0047	CONSTRUCTION TYPE CODE 0044				
CODE NO	ITEM	UNIT		80% FEDERAL				
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1				
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1				
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4				
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1				
Z0076600	TRAINEES	HOUR						

\* SPECIALTY ITEM

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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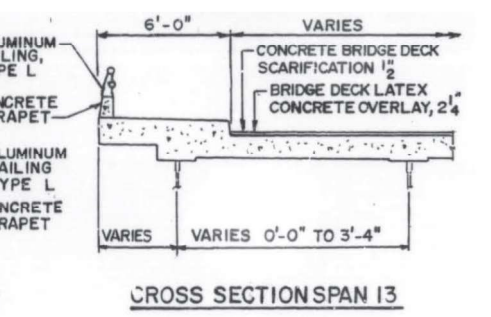
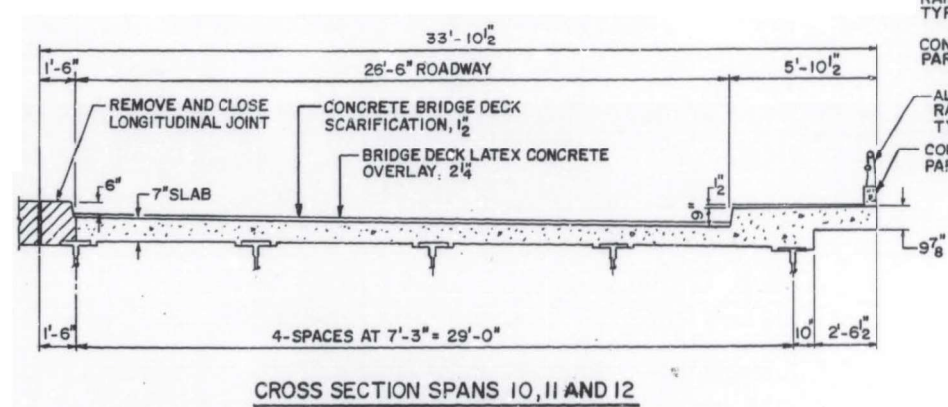
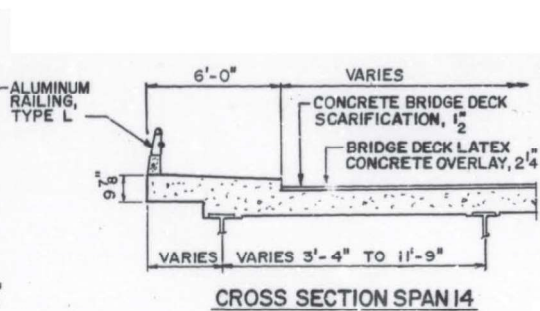
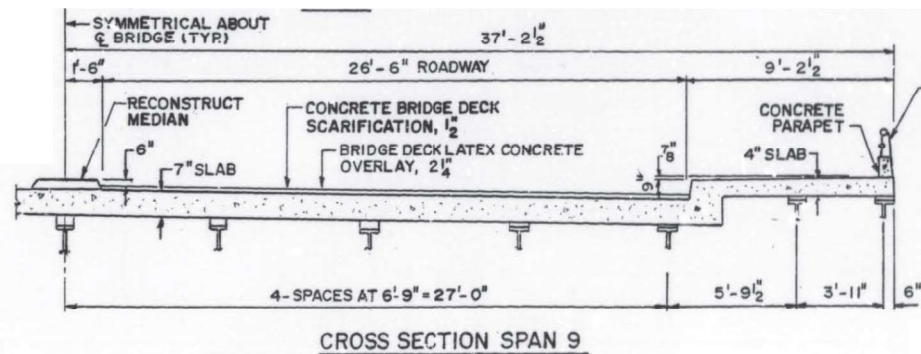
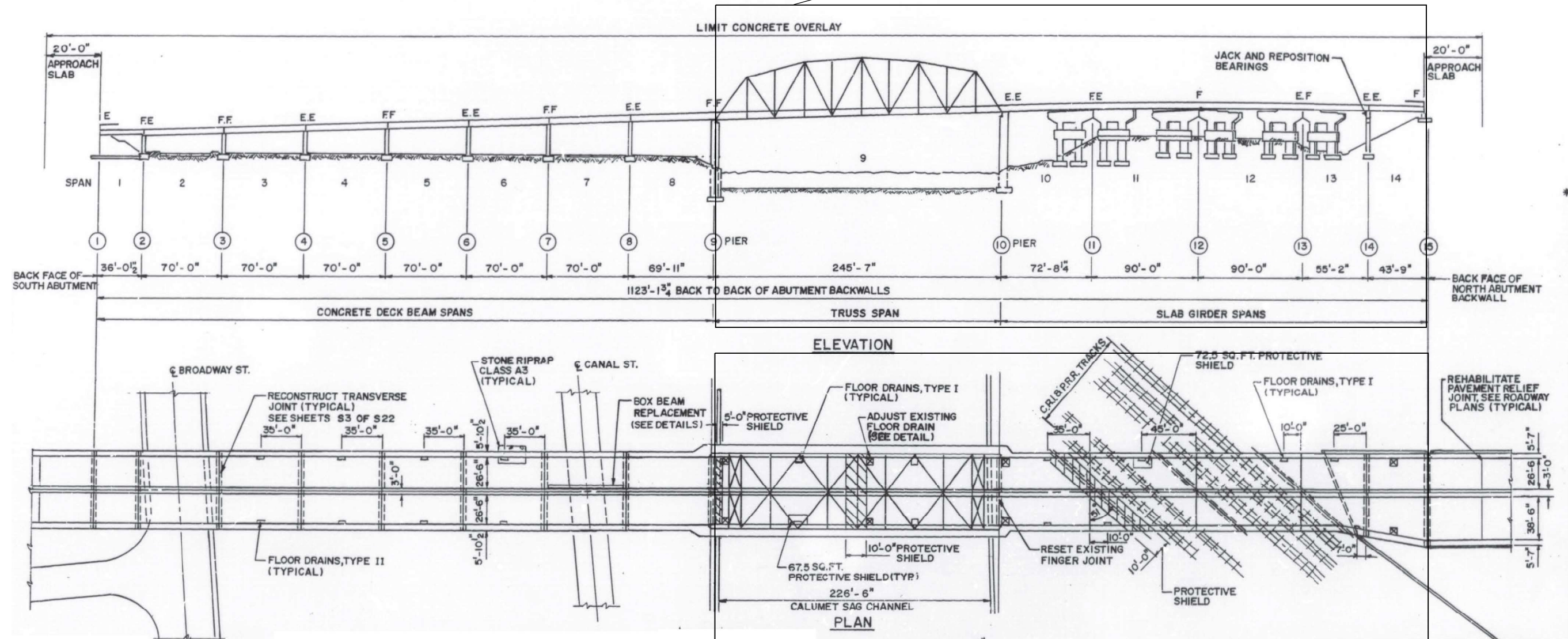
SUMMARY OF QUANTITIES  
WESTERN AVE. (AT CALUMET SAG CHANNEL)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
370	2021-097-BP	COOK	23	3
CONTRACT NO. 62P25				
ILLINOIS FED. AID PROJECT				

REV-SEP



LIMIT OF BRIDGE PAINT



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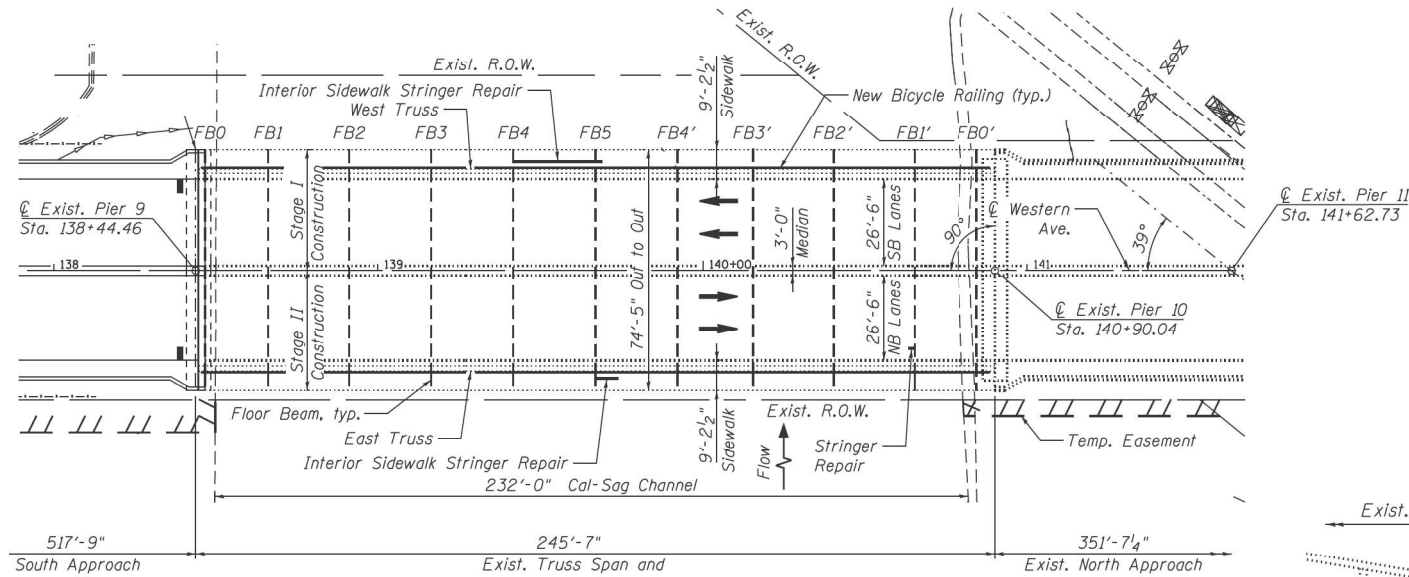
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

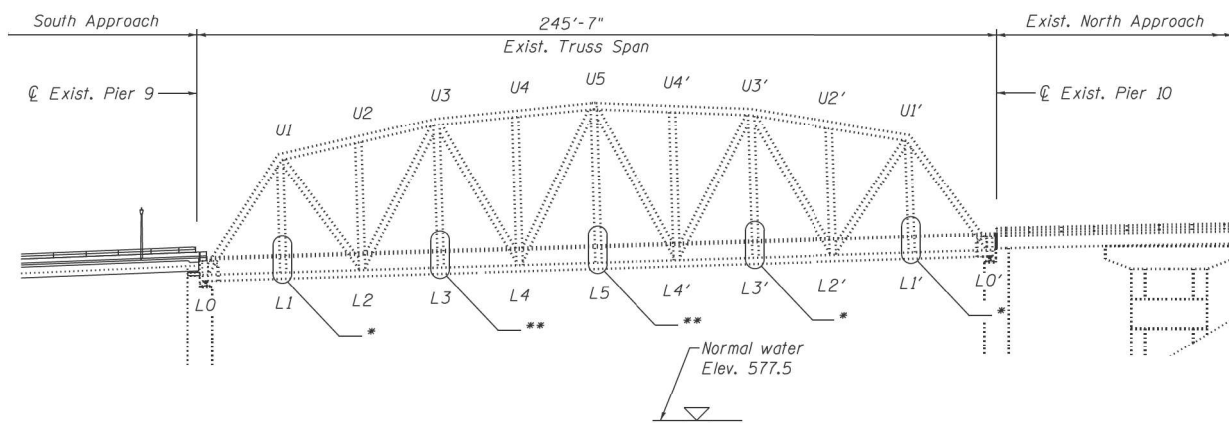
EXISTING BRIDGE GENERAL PLAN WITH CROSS SECTIONS, SN 016-0777  
WESTERN AVE OVER CALUMET SAG CHANNEL

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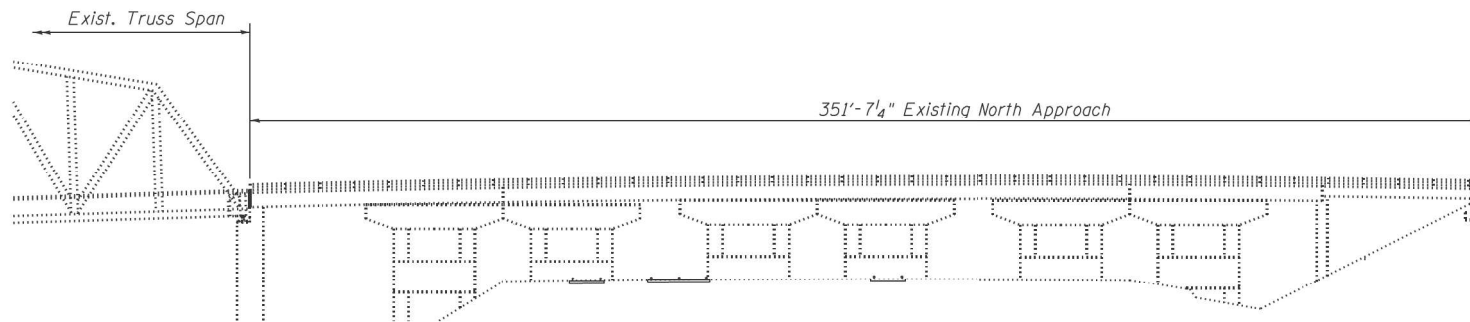
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 62P25	



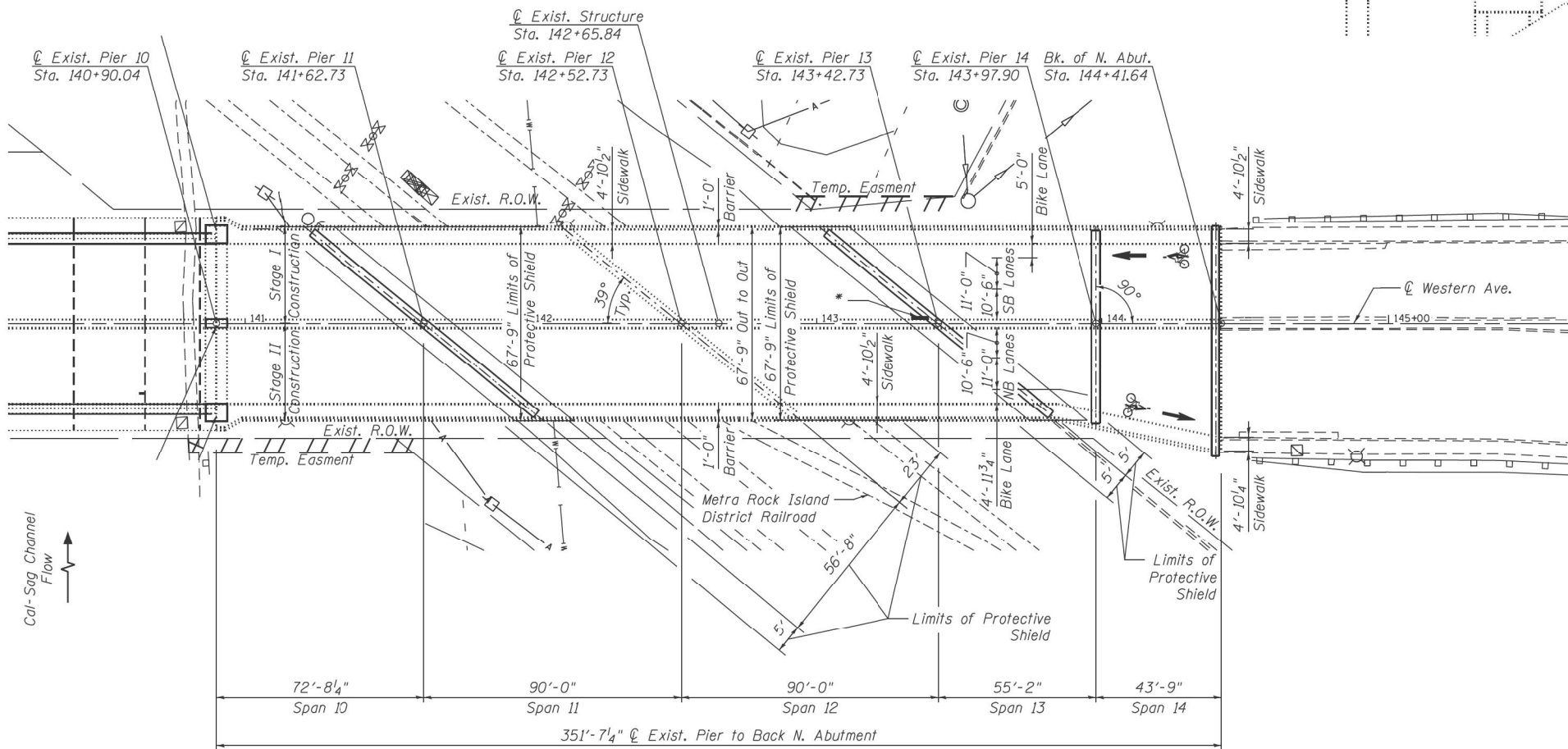
EXISTING TRUSS PLAN



EXISTING TRUSS ELEVATION



EXISTING NORTH APPROACH ELEVATION



EXISTING NORTH APPROACH PLAN

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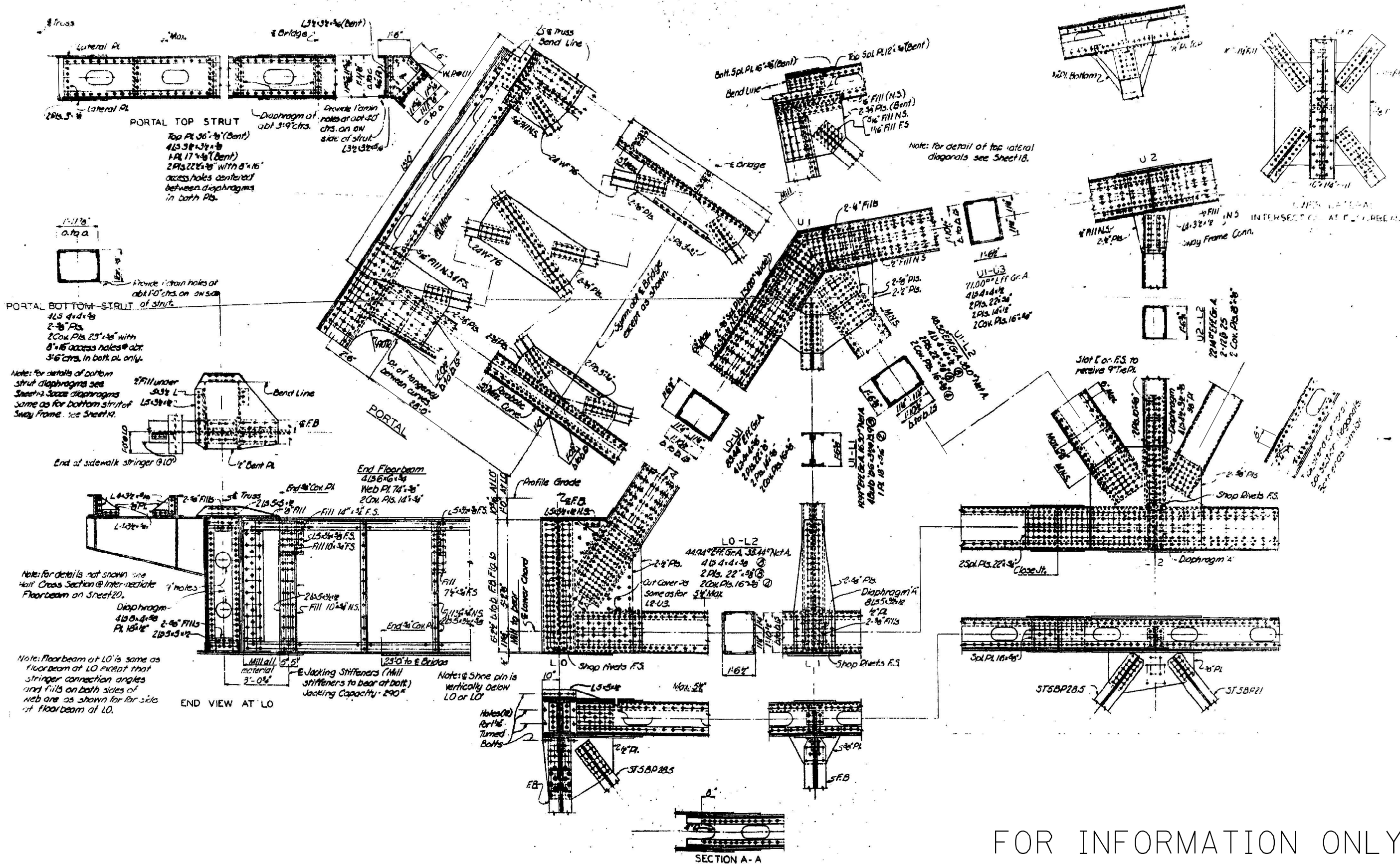
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING TRUSS & N. APPROACH PLANS & ELEVATIONS. SN 016-0777  
WESTERN AVE OVER CALUMET SAG CHANNEL

SCALE: SHEET OF SHEETS STA. TO STA.

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ILLINOIS			FED. AID PROJECT	



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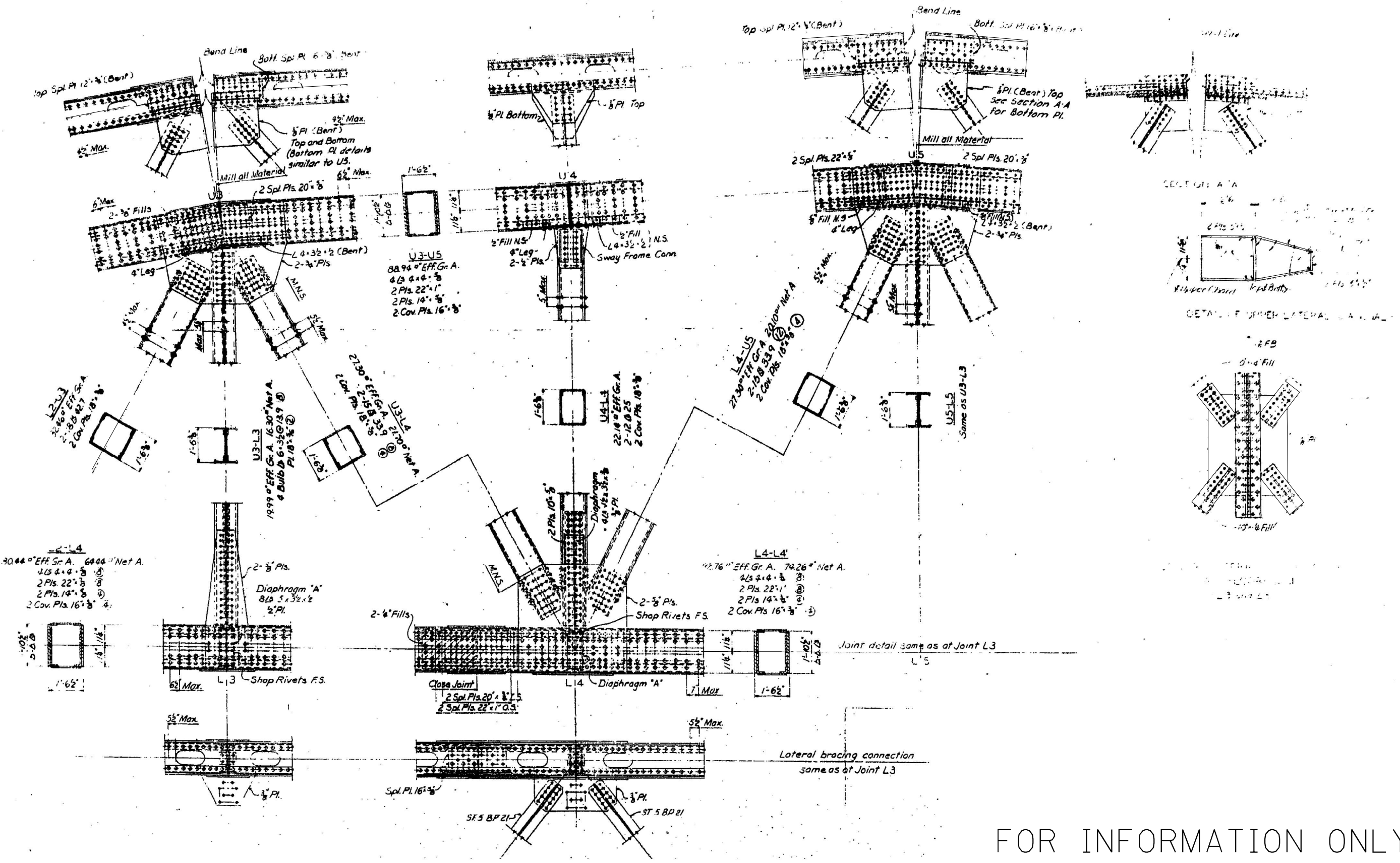
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING TRUSS DETAILS L0 TO L2 SN 016-0777</b>			
<b>WESTERN AVE OVER CALUMET SAG CHANNEL</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
370	2021-097-BP	COOK	23	6
ILLINOIS FED. AID PROJECT				CONTRACT NO. 62P25

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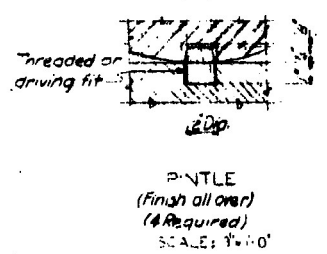
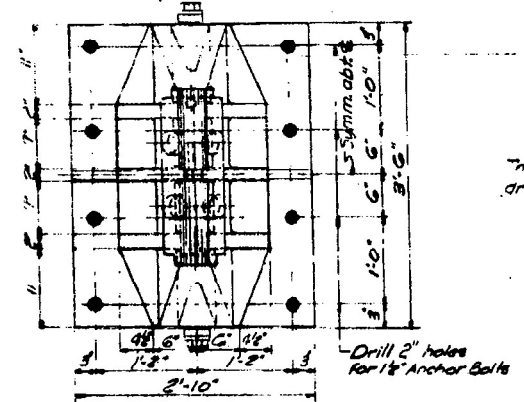
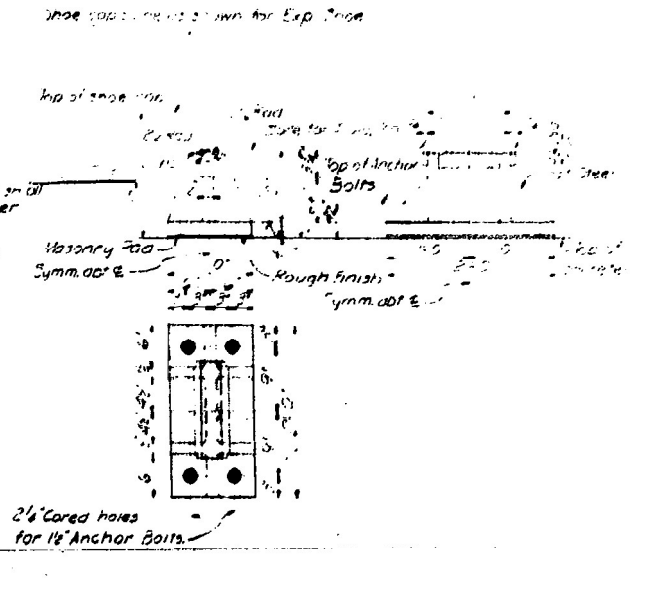
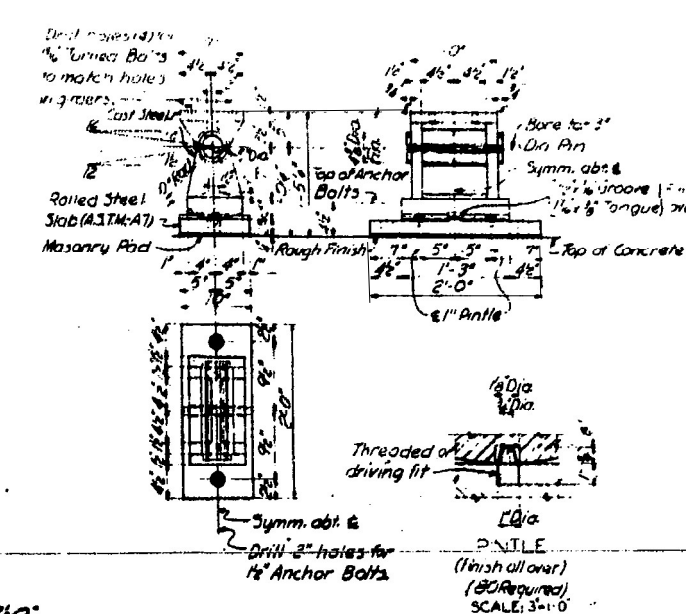
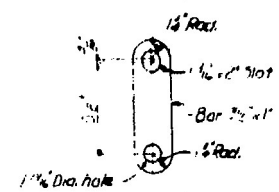
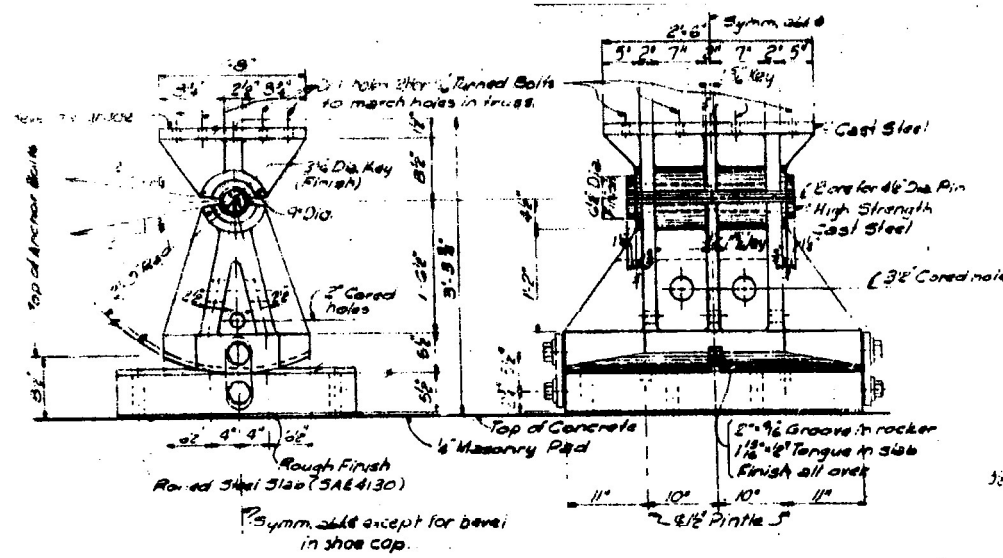
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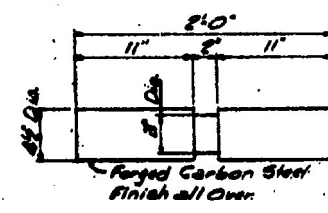
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>EXISTING TRUSS DETAILS L3 TO L5 SN 016-0777</b> <b>WESTERN AVE OVER CALUMET SAG CHANNEL</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
370	2021-097-BP	COOK	23	7
CONTRACT NO. 62P25				
ILLINOIS FED. AID PROJECT				

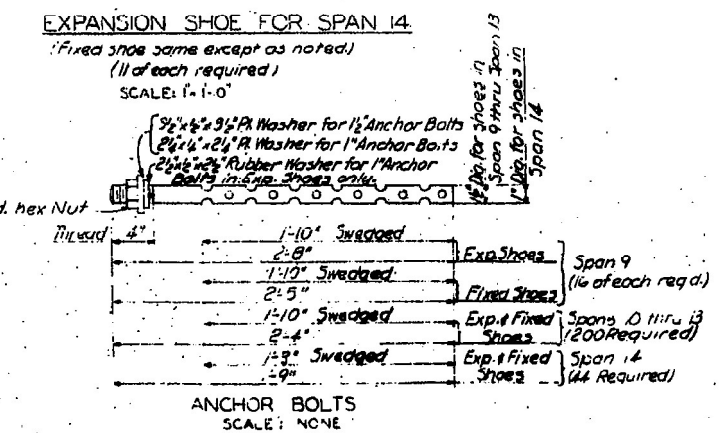
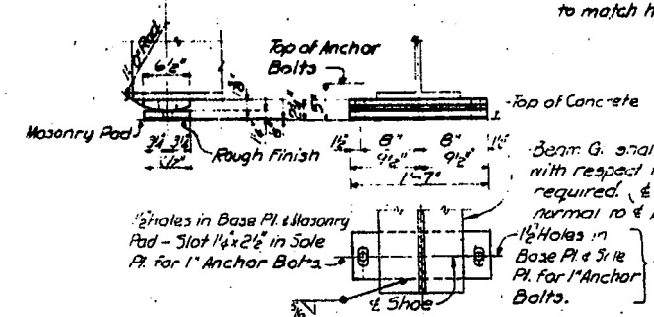
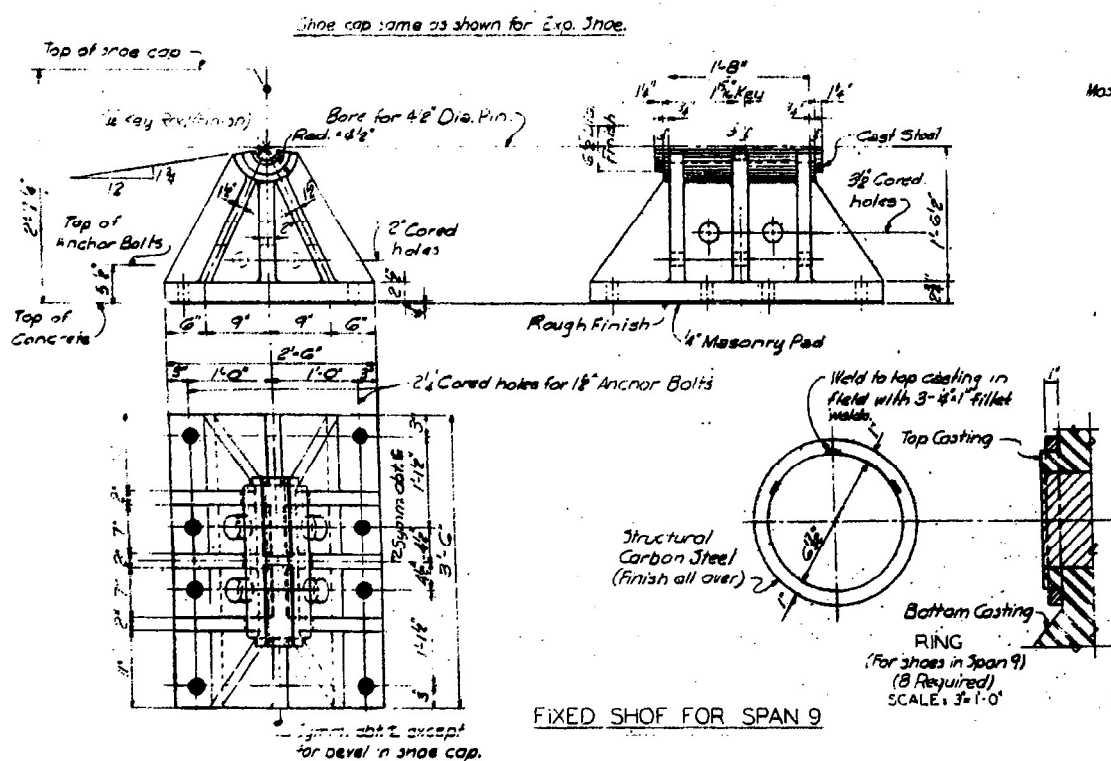


EXPANSION SHOE FOR SPAN 9 (2 Required) SCALE: 1" = 1'-0"

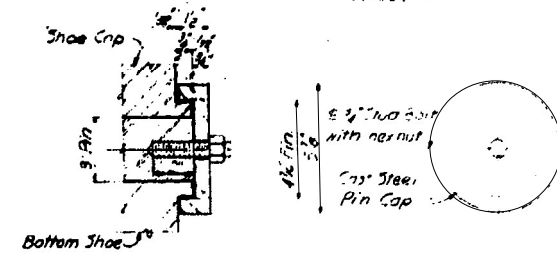


EXPANSION SHOE FOR SPANS 0 THRU 3 (10 Required) SCALE: 1/2" = 1'-0"

FIXED SHOE FOR SPANS 0 THRU 3 (10 Required) SCALE: 1/2" = 1'-0"



DETAIL A (Location of holes in shoe cap for Span 13) SCALE: 1" = 1'-0"



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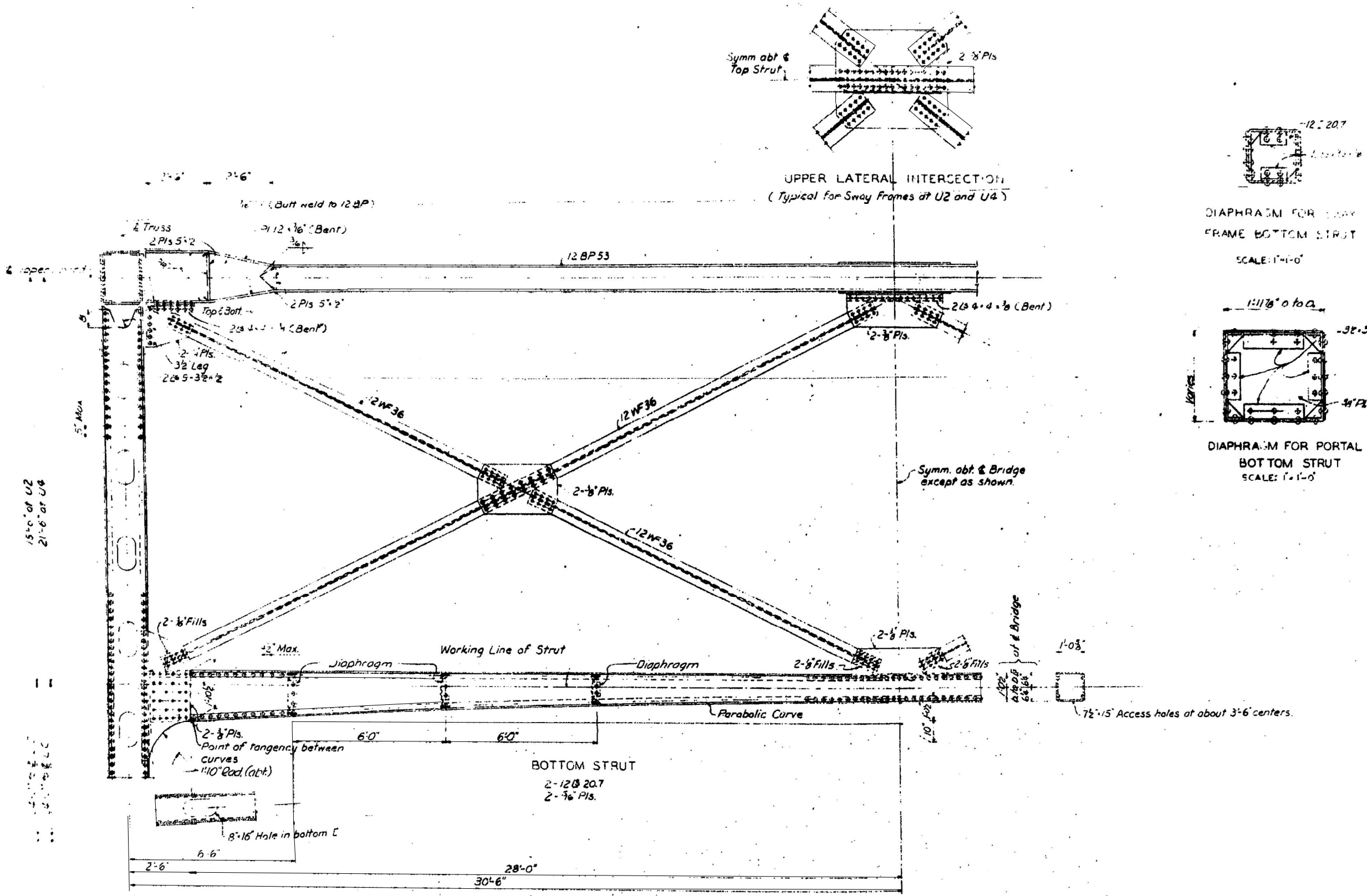
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING SHOES DETAILS SN 016-0777  
WESTERN AVE OVER CALUMET SAG CHANNEL

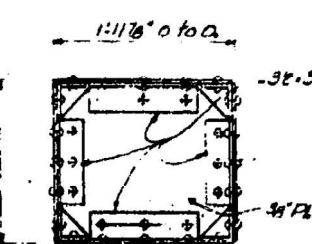
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F.A.P. RTE. 370	SECTION 2021-097-BP	COUNTY COOK	TOTAL SHEETS 23	SHEET NO. 8
ILLINOIS FED. AID PROJECT				CONTRACT NO. 62P25





DIAPHRAGM FOR SWAY  
FRAME BOTTOM STRUT  
SCALE: 1"=1'-0"



DIAPHRAGM FOR PORTAL  
BOTTOM STRUT  
SCALE: 1"=1'-0"

SWAY FRAME AT U2  
(Sway Frame at U4 similar)  
SCALE: 1/2" = 1'-0"

FOR INFORMATION ONLY

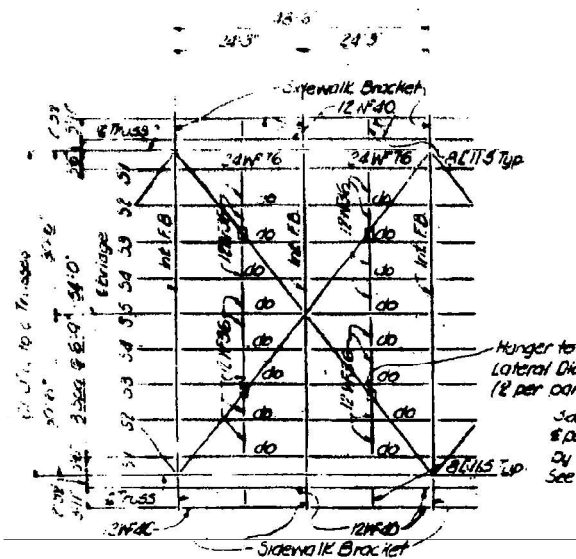
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PLOT DATE = 6/22/2021	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING SWAY FRAME SN 016-0777	
WESTERN AVE OVER CALUMET SAG CHANNEL	
SCALE:	SHEET OF SHEETS STA. TO STA.

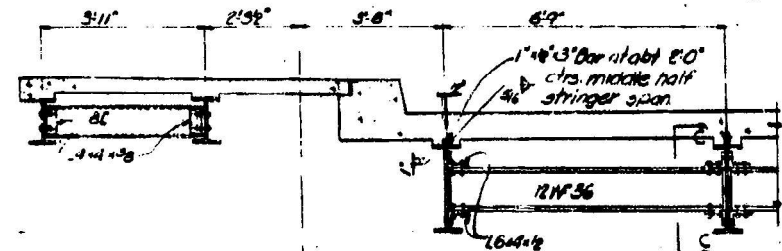
F.A.P. RTE. 370	SECTION 2021-097-BP	COUNTY COOK	TOTAL SHEETS 23	SHEET NO. 9
CONTRACT NO. 62P25				
ILLINOIS FED. AID PROJECT				



TYPICAL DOUBLE PANEL OF FLOOR FRAMING

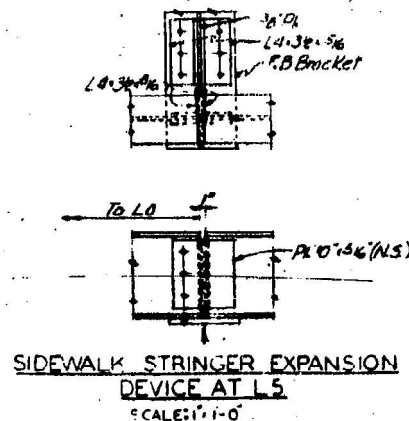
SCALE: 1/8" = 1'-0"

Note: 1" x 5" Nelson Type S3F granular flux filled stud or equal, may be used as an alternate for each 1" x 4" x 3" Bar.



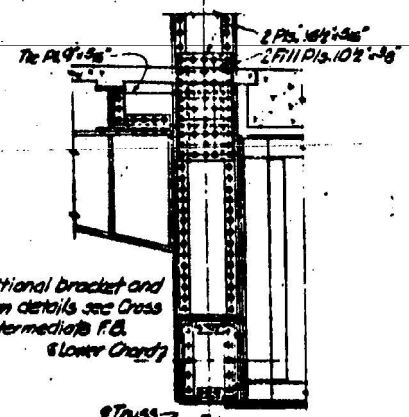
PART CROSS SECTION BETWEEN PANEL POINTS

SCALE: 1/2" = 1'-0"



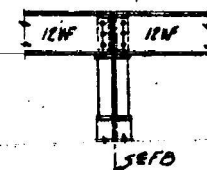
SIDEWALK STRINGER EXPANSION DEVICE AT L5

SCALE: 1" = 1'-0"



BRACKET DETAILS AT L1, L3 & L5

SCALE: 1/2" = 1'-0"



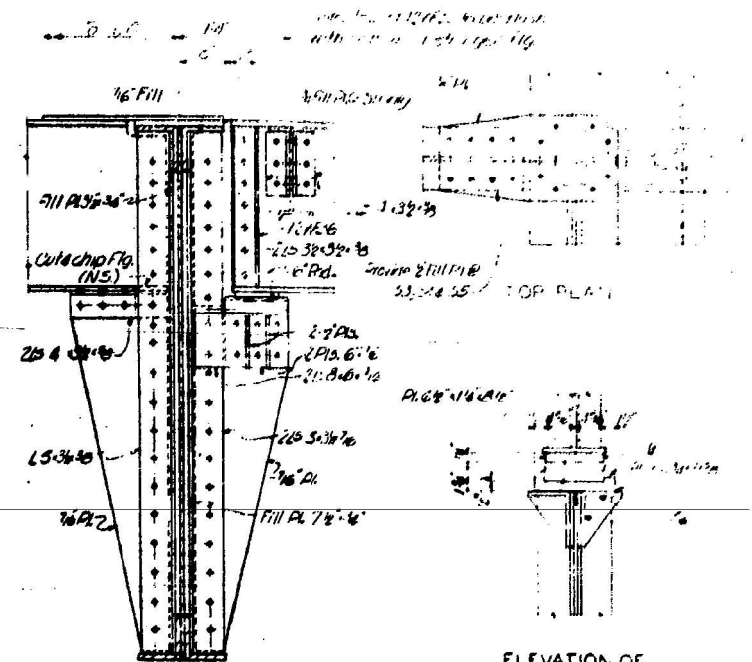
VIEW B-B

SCALE: 1/2" = 1'-0"



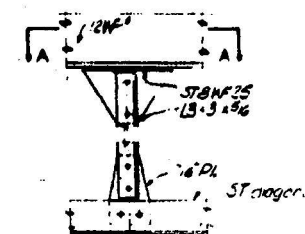
SECTION C-C

SCALE: 1/2" = 1'-0"



STRINGER EXPANSION DEVICE AT L5

SCALE: 1" = 1'-0"

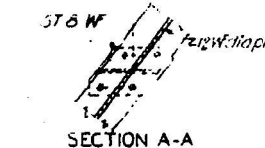


STRINGER CONNECTION TO FLOORBEAM

SCALE: 1" = 1'-0"

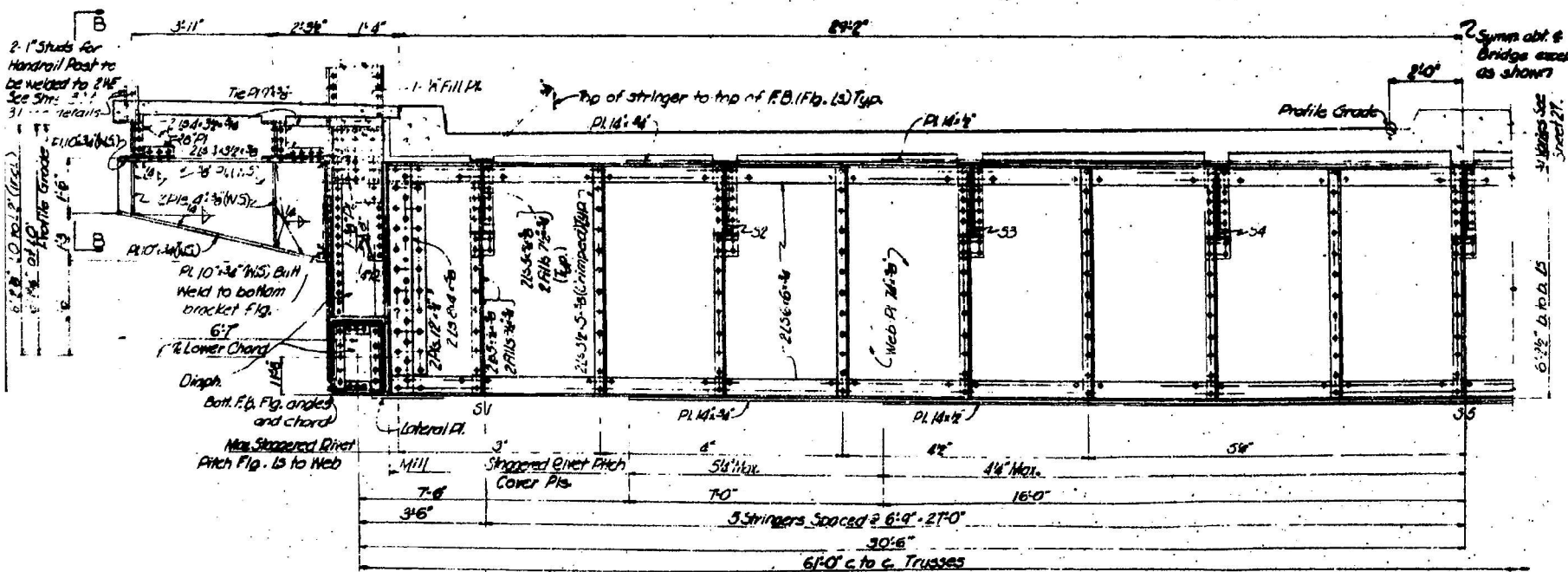
NOTE:

All rivets to be 5/16" diameter. For details of connection at L5 see sheet 17. For floor beam base diagram see sheet 16. Material marked as 'weldable' is weldable carbon steel.



HANGER CONNECTION TO LOWER LATERAL DIAGONALS

SCALE: 1" = 1'-0"



HALF CROSS SECTION AT INTERMEDIATE FLOORBEAM

FOR INFORMATION ONLY

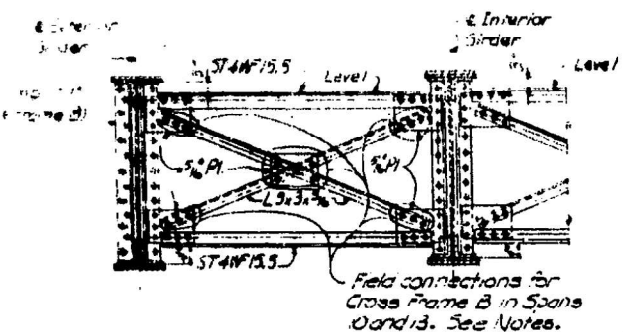
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/22/2021	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

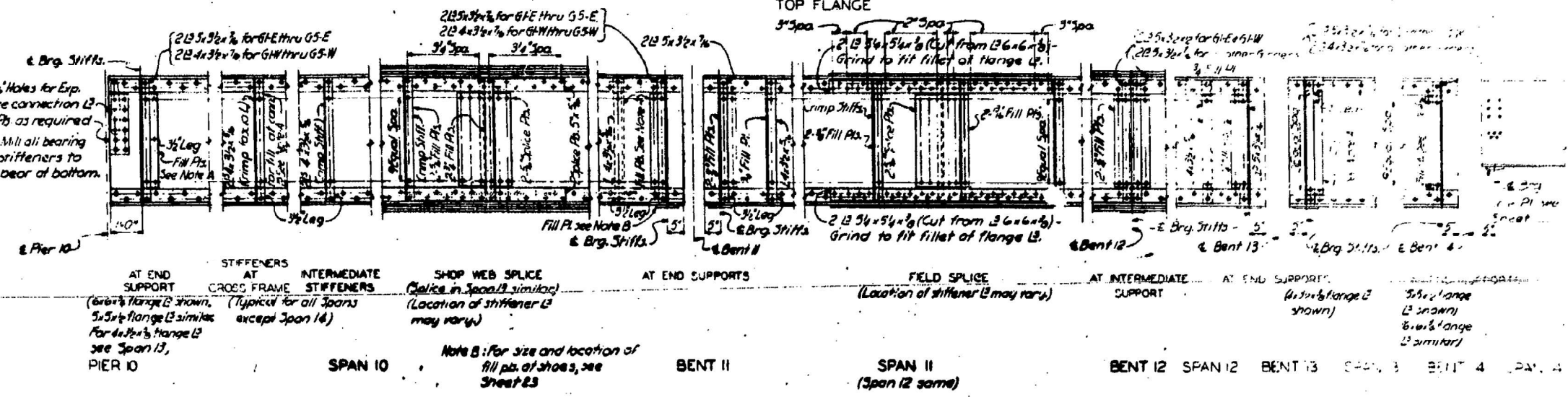
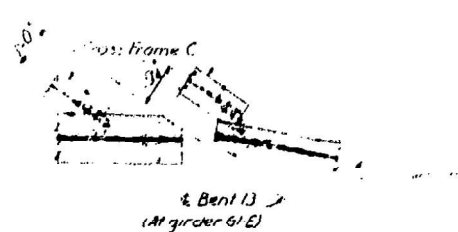
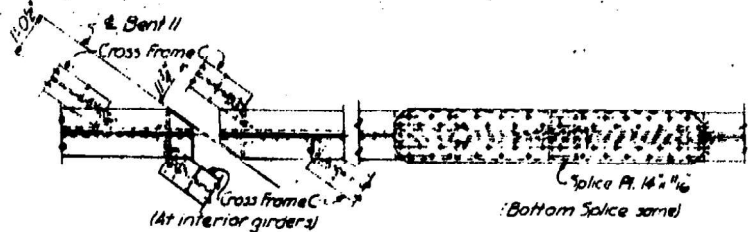
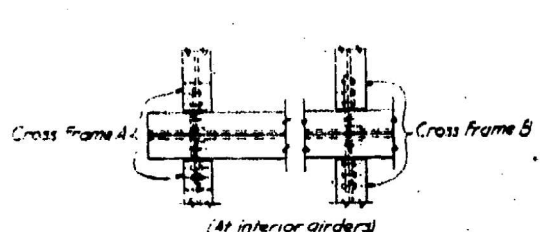
EXISTING TRUSS SPAN FLOOR SYSTEM SN 016-0777  
WESTERN AVE OVER CALUMET SAG CHANNEL

SCALE: SHEET OF SHEETS STA. TO STA.

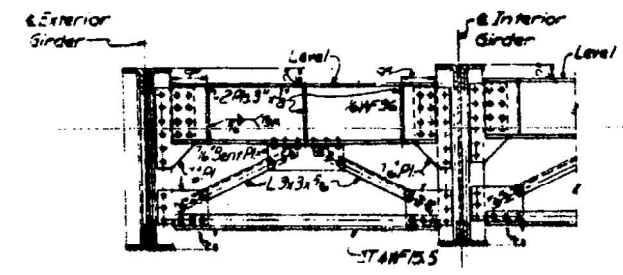
F.A.P. RTE. 370	SECTION 2021-097-BP	COUNTY COOK	TOTAL SHEETS 23	SHEET NO. 10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62P25	



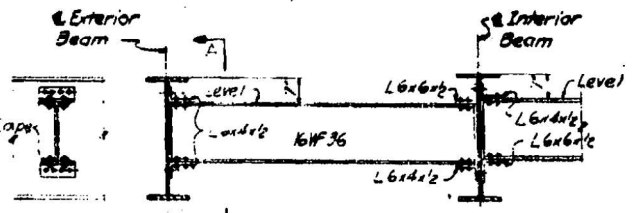
**CROSS FRAMES B & D**  
(Connection plates to be bent where required. No stitch rivets required thru stiffeners at Cross Frame B.)



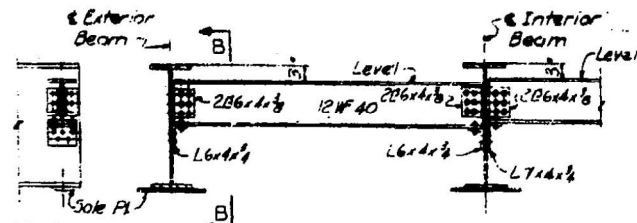
**ELEVATION OF GIRDERS**



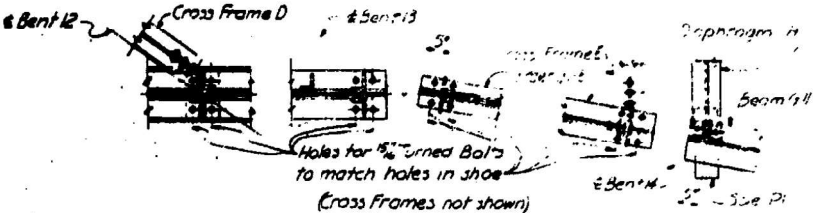
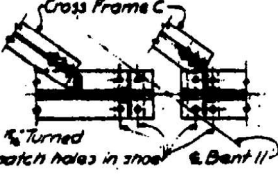
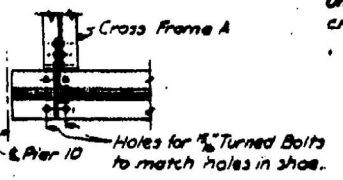
**CROSS FRAMES A, C & E**  
(Connection plates to be bent where required. Cross Frame C to be parallel to Bents 11 and 13 as shown in Top Flange Details.)



**DIAPHRAGMS K & L**



**DIAPHRAGMS F, H & J**



**BOTTOM FLANGE**  
(Exterior girders or beams shown, interior girders or beams similar.)

FOR INFORMATION ONLY

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PROJECT: 118621\CADDData\Design\0118621-286x125-40.dwg

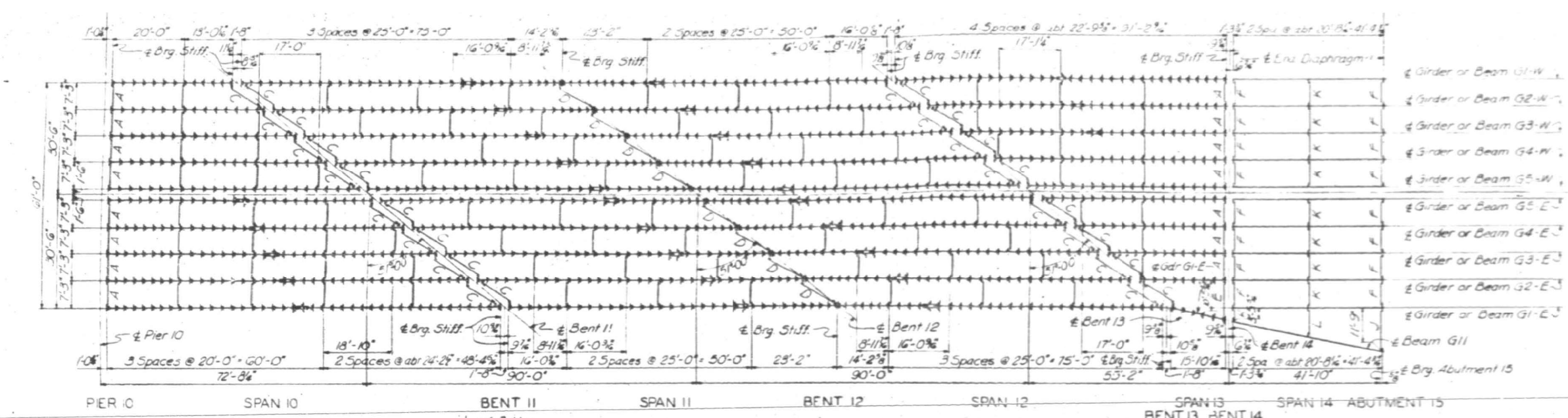
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PLOT DATE = 6/22/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TRUSS SPAN GIRDER DETAILS SN 016-0777  
WESTERN AVE OVER CALUMET SAG CHANNEL**

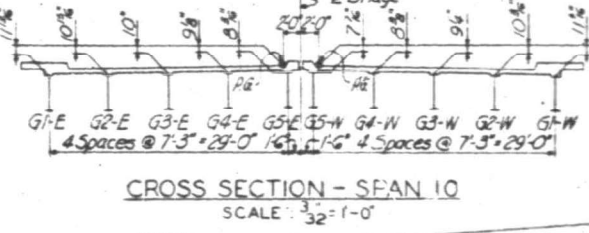
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
370	2021-097-BP	COOK	23	11
CONTRACT NO. 62P25				
ILLINOIS FED. AID PROJECT				



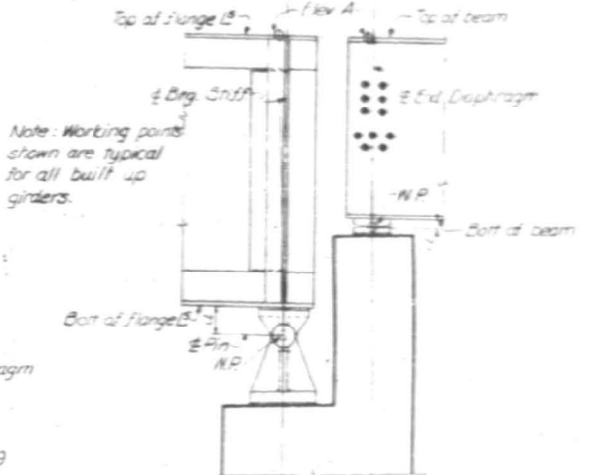
**NOTES**  
 Longitudinal dimensions locating cross frames and diaphragms. Framing Plan is truly horizontal and refer to points along the surface of top flange angles and W beams. On Framing Plan A, C, D and E indicate different types of cross frames. All cross frames not marked are type B. F, H, J, K and L indicate different types of diaphragms. Girders for Spans 11 thru 13 are to be fabricated to the profile grade vertical curve and camber as shown on Sheet 24. Beams for Span 4 shall not be cambered.

Notes: Vertical dimensions locate surface of top flange of girders. Cross section for Spans 11 and 12 is the same except for vertical dimensions which are symmetrical about Bridge and as given for G1-W thru G5-W.



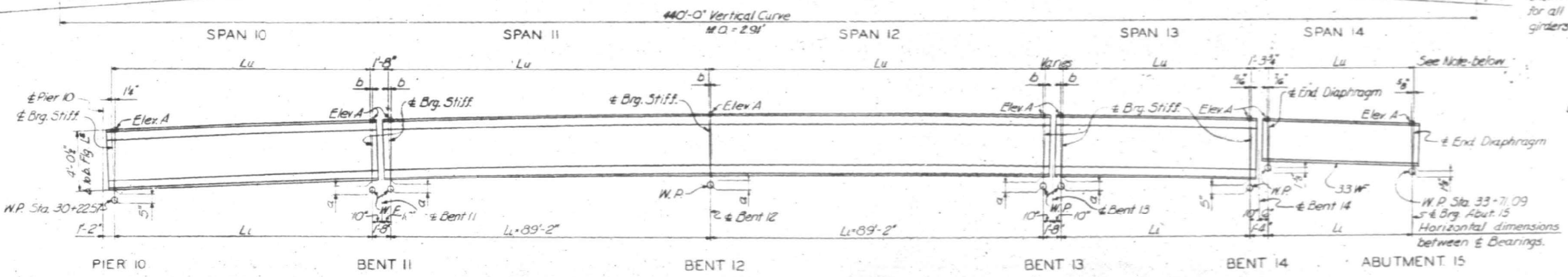
**FRAMING PLAN**  
SCALE: 1/8"=1'-0"

**DETAILS OF VARIABLE CROSS SECTION**  
SCALE: 3/32"=1'-0"



Note: Working points shown are typical for all built up girders.

**LOCATION OF WORKING POINTS**  
SCALE: NONE



**GIRDER LAYOUT**  
SCALE: NONE

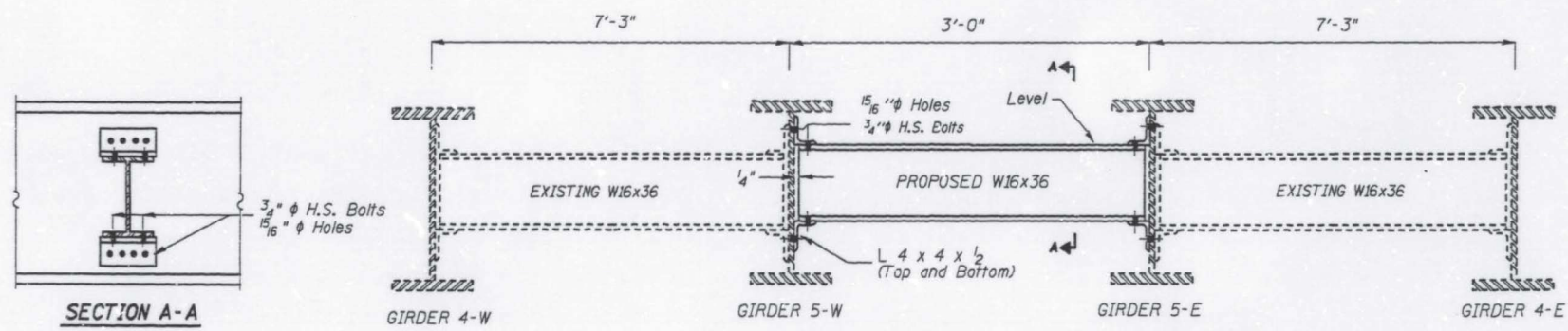
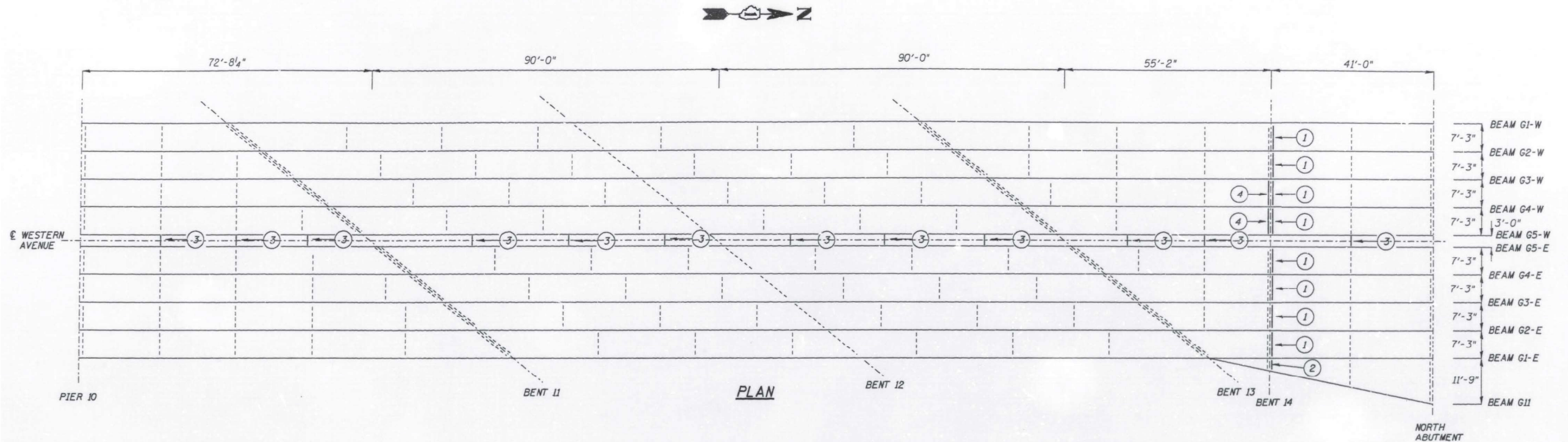
Note: Cover plates are not shown.

Note: Horizontal dimension Lu in Spans 10, 11, 12 and 13 is measured between bearing stiffeners at the surface of top flange angles. In Span 14 Lu is the horizontal distance between end diaphragms measured at top of W beams.

Girder	TABLE OF VARIABLE DIMENSIONS & ELEVATIONS																	
	Pier 10		Bent 11				Bent 12				Bent 13				Bent 14		Abut 15	
	Elev. A	Elev. A	a	b	a	b	a	b	a	b	a	b	Elev. A	Elev. A				
G1-W	636.28	637.00	637.02	5" 5 1/2"	1 1/2"	1 1/2"	635.29	6 1/2"	6 1/2"	635.59	635.58	5"	5"	6"	6"	637.88	637.87	637.21
G2-W	636.36	637.24	637.27	5" 5 3/8"	1"	1"	638.44	6 1/2"	6 1/2"	638.64	638.64	5 1/2"	5 1/2"	3 1/2"	3 1/2"	637.96	637.94	637.29
G3-W	636.43	637.48	637.51	5" 5 3/8"	1 1/4"	1 1/4"	638.58	6 1/2"	6 1/2"	638.68	638.68	5 1/2"	5 1/2"	3 1/2"	3 1/2"	638.04	638.02	637.36
G4-W	636.51	637.71	637.74	5" 5 3/8"	8"	8"	638.71	6 1/2"	6 1/2"	638.72	638.71	5 1/2"	5 1/2"	3 1/2"	3 1/2"	638.11	638.09	637.44
G5-W	636.58	637.93	637.95	5 1/2"	5 1/2"	4 1/2"	638.82	6 1/2"	6 1/2"	638.74	638.73	5 1/2"	5 1/2"	3 1/2"	3 1/2"	638.19	638.17	637.51
G5-E	636.52	637.92	638.01	5"	6 1/8"	1 1/2"	638.84	6 1/2"	6 1/2"	638.72	638.71	5 1/2"	5 1/2"	3 1/2"	3 1/2"	638.19	638.17	637.51
G4-E	636.44	637.97	638.06	5"	6"	3 1/4"	638.80	6 1/2"	6 1/2"	638.58	638.56	5 1/2"	5 1/2"	3 1/2"	3 1/2"	638.11	638.09	637.44
G3-E	636.37	638.08	638.10	5 1/2"	6 1/2"	1 1/2"	638.74	6 1/2"	6 1/2"	638.43	638.41	5 1/2"	5 1/2"	3 1/2"	3 1/2"	638.21	638.02	637.36
G2-E	636.29	638.05	638.13	5"	6 1/8"	3 1/4"	638.68	6 1/2"	6 1/2"	638.27	638.25	5 1/2"	5 1/2"	3 1/2"	3 1/2"	637.96	637.94	637.29
G1-E	636.22	638.07	638.15	5 1/2"	6 3/8"	3 1/4"	638.67	6 1/2"	6 1/2"	638.10	638.08	5 1/2"	5 1/2"	3 1/2"	3 1/2"	637.85	637.87	637.21
G11																637.83	637.09	

Girder	TABLE OF VARIABLE SPAN LENGTHS														
	Horizontal dimension Lu between bearing stiffeners							Horizontal dimension Lu between bearings							
	Span 10	Span 11	Span 12	Span 13	Span 14	Span 10	Span 11	Span 12	Span 13	Span 14	Span 10	Span 11	Span 12	Span 13	Span 14
G1-W	33'-0"	89'-2"	89'-2"	91'-2"	41'-4"	33'-0"	91'-2"	41'-4"	41'-4"	33'-0"	91'-2"	41'-4"	41'-4"	41'-4"	41'-4"
G2-W	41'-1 1/2"	89'-2"	89'-2"	82'-3 1/2"	41'-4"	41'-1 1/2"	82'-2"	41'-4"	41'-4"	41'-1 1/2"	82'-2"	41'-4"	41'-4"	41'-4"	
G3-W	50'-11"	89'-2"	89'-2"	75'-3 1/2"	41'-4"	50'-11"	15'-5 1/2"	41'-4"	41'-4"	50'-11"	15'-5 1/2"	41'-4"	41'-4"	41'-4"	
G4-W	59'-0"	89'-2"	89'-2"	64'-4"	41'-4"	59'-0"	64'-3 1/2"	41'-4"	41'-4"	59'-0"	64'-3 1/2"	41'-4"	41'-4"	41'-4"	
G5-W	65'-10"	89'-2"	89'-2"	55'-4 1/2"	41'-4"	65'-10"	55'-4 1/2"	41'-4"	41'-4"	65'-10"	55'-4 1/2"	41'-4"	41'-4"	41'-4"	
G5-E	72'-6"	89'-2"	89'-2"	51'-8"	41'-4"	72'-6"	51'-7 1/2"	41'-4"	41'-4"	72'-6"	51'-7 1/2"	41'-4"	41'-4"	41'-4"	
G4-E	81'-6"	89'-2"	89'-2"	42'-8 1/2"	41'-4"	81'-6"	42'-8 1/2"	41'-4"	41'-4"	81'-6"	42'-8 1/2"	41'-4"	41'-4"	41'-4"	
G3-E	90'-5 1/2"	89'-2"	89'-2"	33'-9 1/2"	41'-4"	90'-5 1/2"	33'-8 1/2"	41'-4"	41'-4"	90'-5 1/2"	33'-8 1/2"	41'-4"	41'-4"	41'-4"	
G2-E	99'-5 1/2"	89'-2"	89'-2"	21'-9 1/2"	41'-4"	99'-5 1/2"	21'-9 1/2"	41'-4"	41'-4"	99'-5 1/2"	21'-9 1/2"	41'-4"	41'-4"	41'-4"	
G1-E	108'-4 1/2"	89'-2"	89'-2"	6'-1 1/2"	41'-4"	108'-4 1/2"	16'-1 1/2"	41'-4"	41'-4"	108'-4 1/2"	16'-1 1/2"	41'-4"	41'-4"	41'-4"	
G11															

FOR INFORMATION ONLY



SCHEDULE		
MEMBER	NUMBER REQUIRED	TYPE
1	8	W12x40 - DIAPHRAGM
2	1	W12x40 - DIAPHRAGM
3	12	W16x36 - DIAPHRAGM
4	2	CROSS FRAME

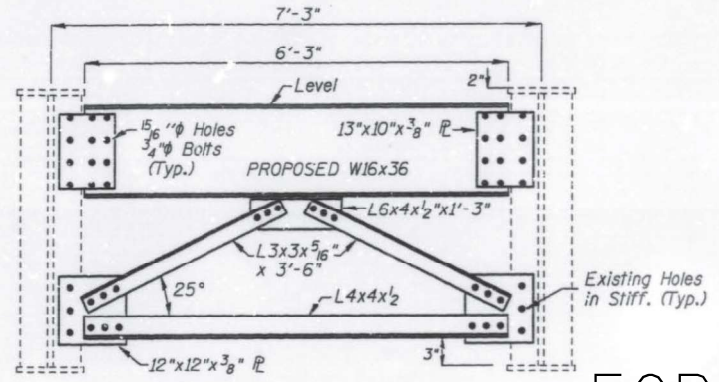
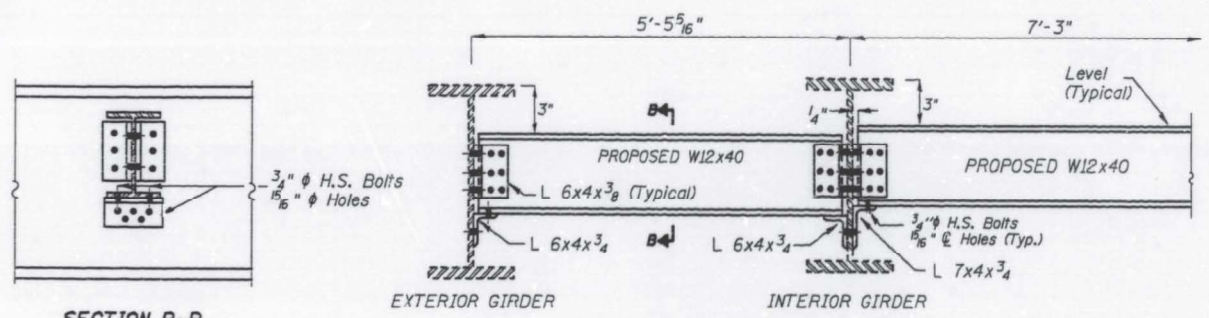
**NOTES:**  
 Field welding of construction accessories will not be permitted to the bottom flange of beams or girders nor to the top flange for a distance equal to one-fourth the span length each way from the pier support. Field welding in other areas will be permitted when approved by the engineer.

Holes in vertical leg of connecting angles should be field drilled using existing hole pattern on girder webs as template.

Two hardened washers shall be required over all oversize holes for diaphragms.

PRIOR TO ORDERING DIAPHRAGMS, THE CONTRACTOR SHALL VERIFY IN THE FIELD THE PROPOSED DIAPHRAGM DIMENSIONS.

Removal and Disposal of the existing Diaphragms to be replaced is included in the cost of "FURNISHING AND ERECTING STRUCTURAL STEEL."



FOR INFORMATION ONLY

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 PROJECT DATE: 6/22/2021  
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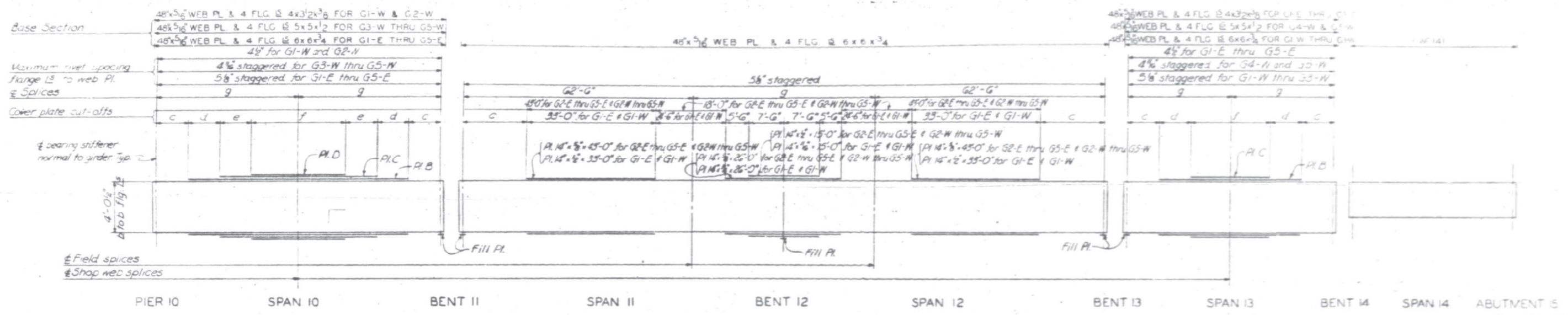
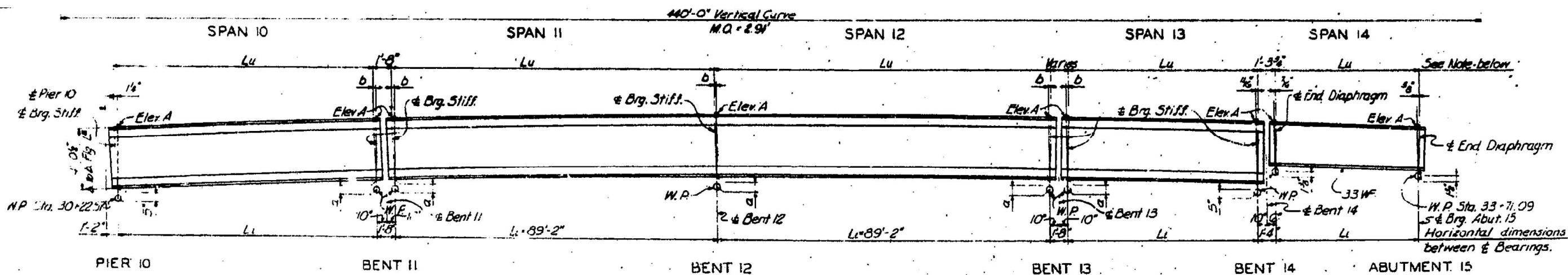
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING DIAPHRAGM & CROSS FRAME OF N. APPROACH, SN 016-0777  
 WESTERN AVE OVER CALUMET SAG CHANNEL

F.A.P. RTE. 370	SECTION 2021-097-BP	COUNTY COOK	TOTAL SHEETS 23	SHEET NO. 12
CONTRACT NO. 62P25				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



FOR INFORMATION ONLY

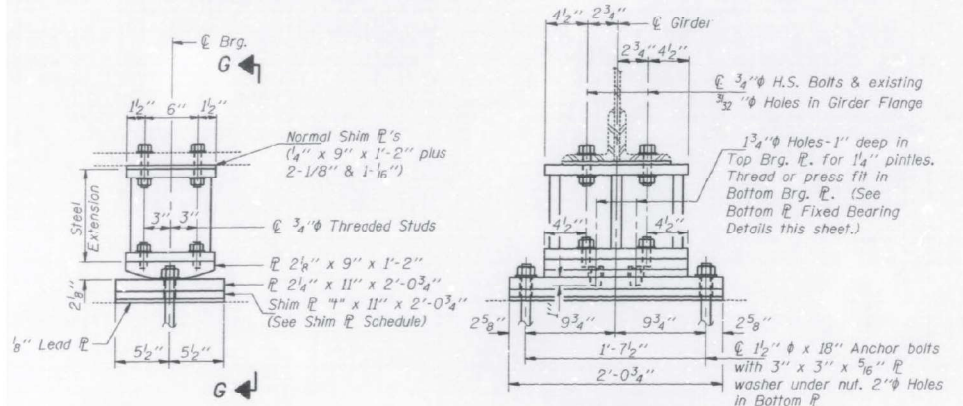
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

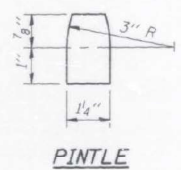
<b>EXISTING GIRDER LAYOUT AND GIRDER ELEVATIONS</b> <b>WESTERN AVE OVER CALUMET SAG CHANNEL</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 370	SECTION 2021-097-BP	COUNTY COOK	TOTAL SHEETS 23	SHEET NO. 12A
CONTRACT NO. 62P25				
ILLINOIS FED. AID PROJECT				

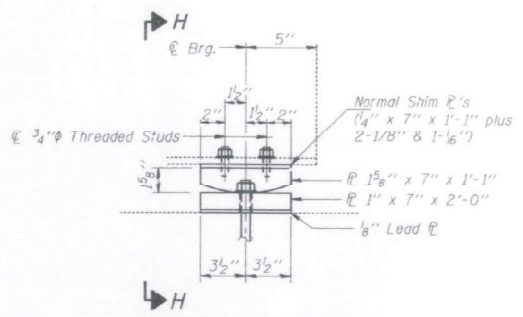


ELEVATION AT PIER 12

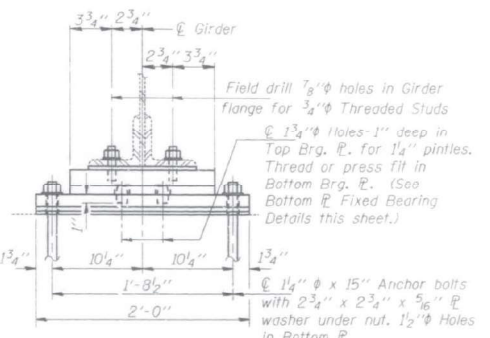
SECTION G-G



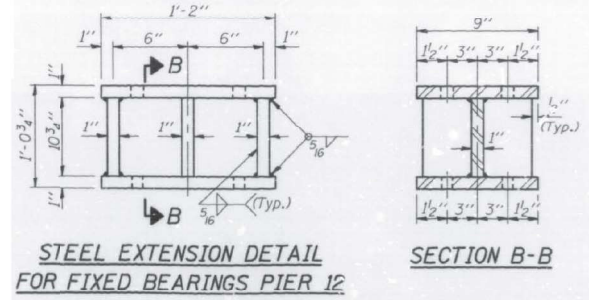
PINTLE



ELEVATION AT NORTH ABUTMENT

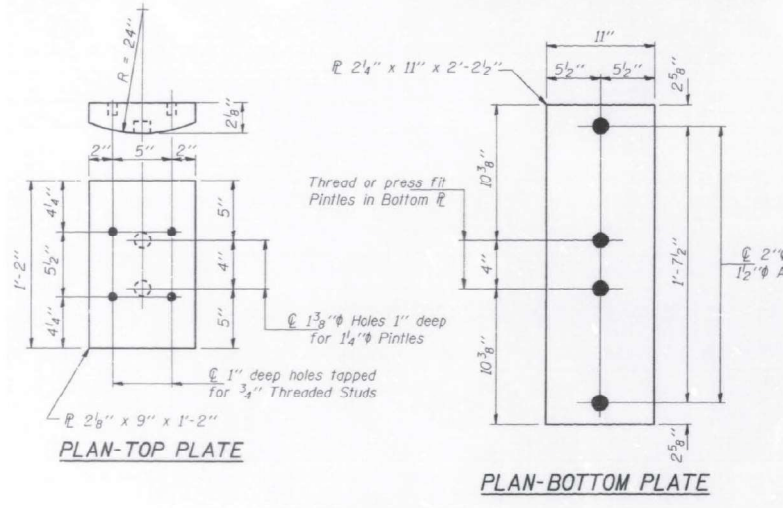


SECTION H-H



STEEL EXTENSION DETAIL FOR FIXED BEARINGS PIER 12

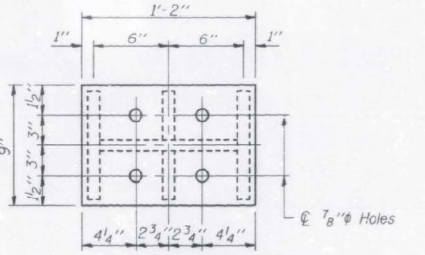
SECTION B-B



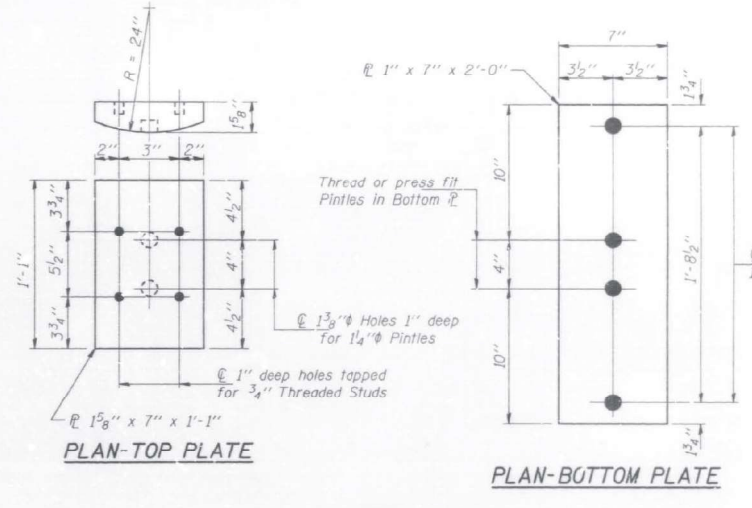
PLAN-TOP PLATE

PLAN-BOTTOM PLATE

Notes: Diaphragm removal and replacement may be required to facilitate drilling holes. Cost shall be included in the cost of "Furnishing and Erecting Structural Steel".  
New steel extensions, side retainers, shims, connection bolts, and anchor bolts are included in "Furnishing and Erecting Structural Steel". See sheet 8 for Anchor Bolt installation.  
Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions.  
Plate girder web should be stiffened at jacking location.  
Min. jack size Pier 12 = 130 Tons  
Min. jack size North Abut. = 40 Tons



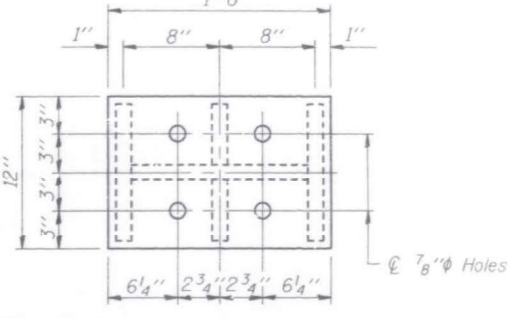
PLAN TOP & BOTTOM PLATES



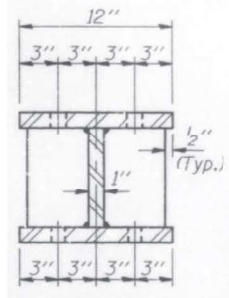
PLAN-TOP PLATE

PLAN-BOTTOM PLATE

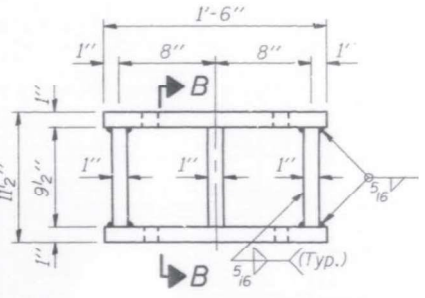
FIXED BEARINGS NORTH ABUTMENT



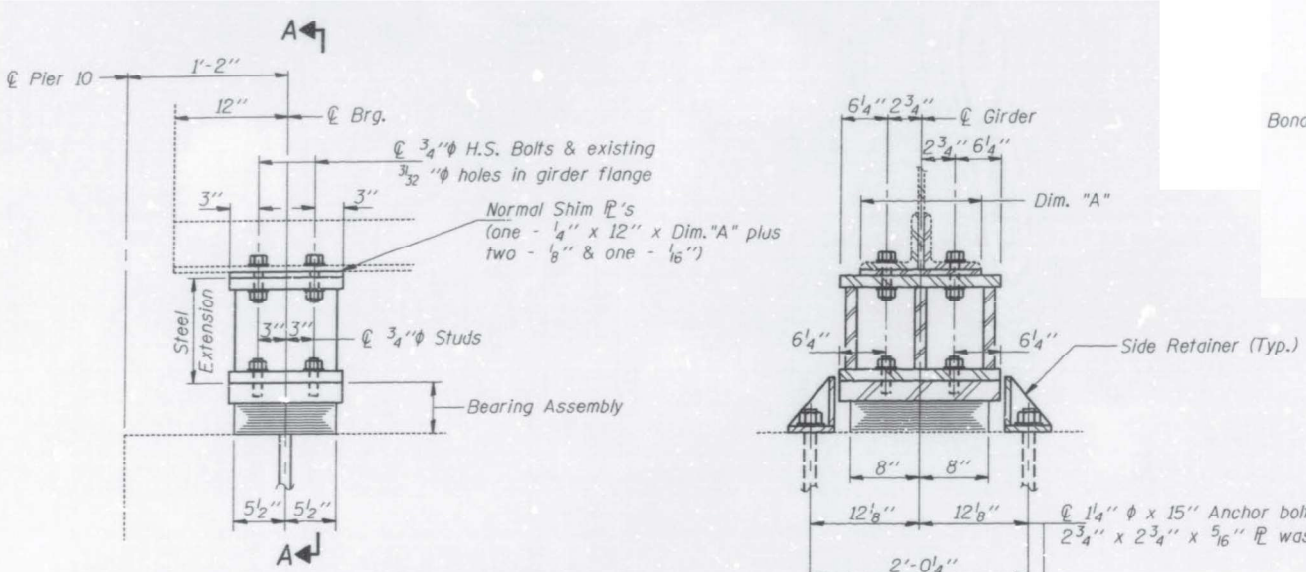
PLAN TOP & BOTTOM PLATES



SECTION B-B

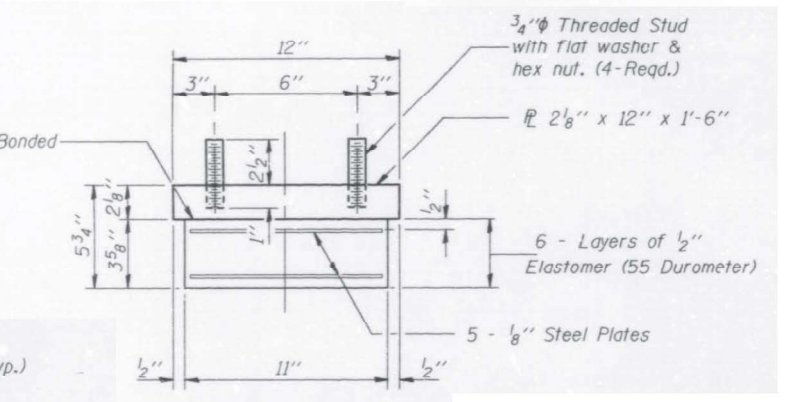


STEEL EXTENSION DETAIL PIER 10 (NORTH)

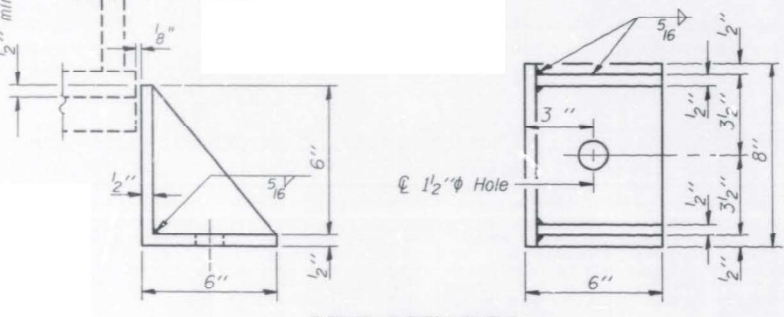


PARTIAL ELEVATION AT PIER 10 (NORTH)

SECTION A-A



BEARING ASSEMBLY



SIDE RETAINER

FOR INFORMATION ONLY

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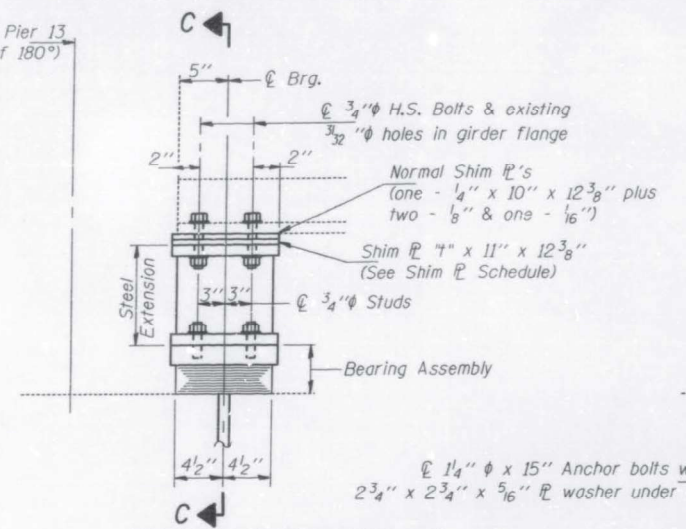
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PLOT DATE = 6/22/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

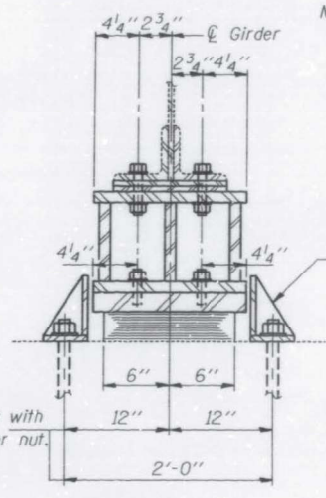
**BEARING DETAILS SN 016-0777  
WESTERN AVE OVER CALUMET SAG CHANNEL**  
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. = 370	SECTION = 2021-097-BP	COUNTY = COOK	TOTAL SHEETS = 23	SHEET NO. = 13
CONTRACT NO. 62P25				ILLINOIS FED. AID PROJECT

Centerline of Pier 11 (or Pier 13 by rotation of 180°)

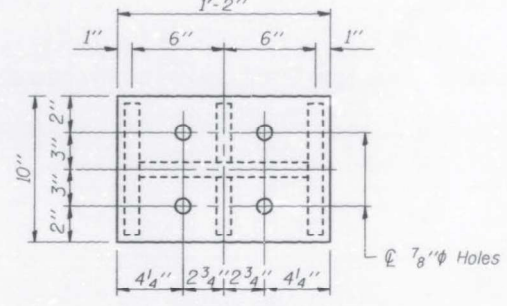


**PARTIAL ELEVATION AT PIER 11 (NORTH) & PIER 13 (SOUTH)  
TYPE I ELASTOMERIC EXP. BRG.**

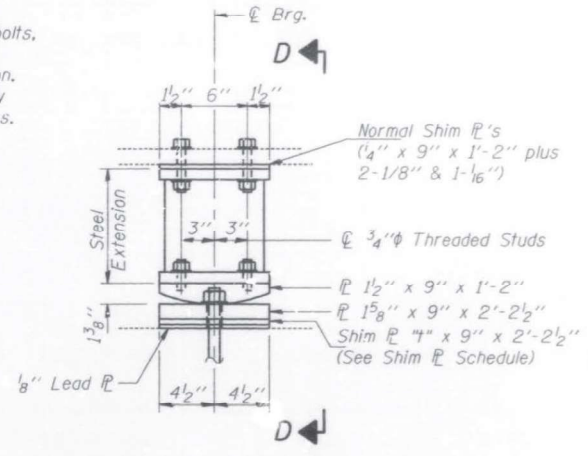


**SECTION C-C**

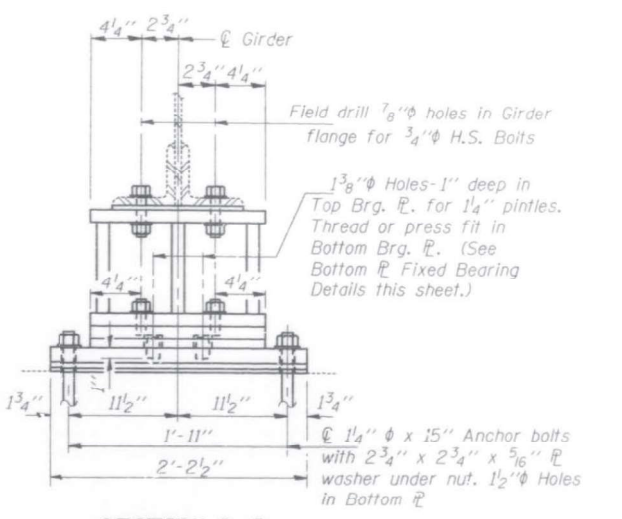
Notes: Diaphragm removal and replacement may be required to facilitate drilling holes. Cost shall be included in the cost of "Furnishing and Erecting Structural Steel".  
New steel extensions, side retainers, shims, connection bolts, and anchor bolts are included in "Furnishing and Erecting Structural Steel". See sheet 8 for Anchor Bolt Installation.  
Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions. Plate girder web should be stiffened at jacking location. Min. jack size = 50 Tons.



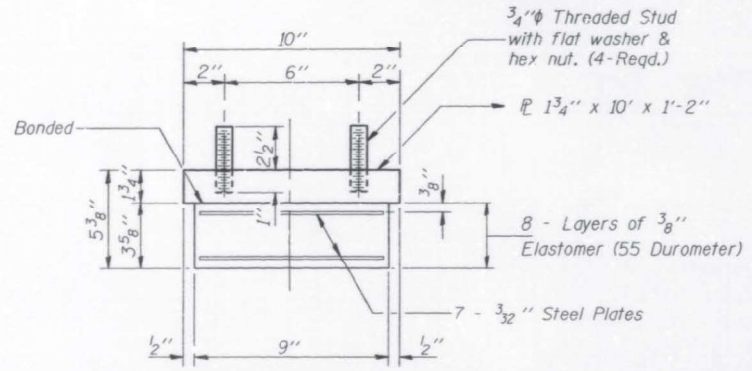
**PLAN TOP & BOTTOM PLATES**



**ELEVATION AT PIER FIXED BEARINGS  
PIER 11 (SOUTH) & PIER 13 (NORTH)**

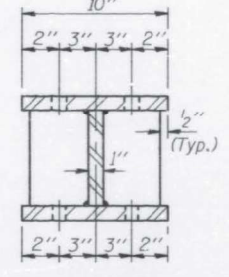


**SECTION D-D**

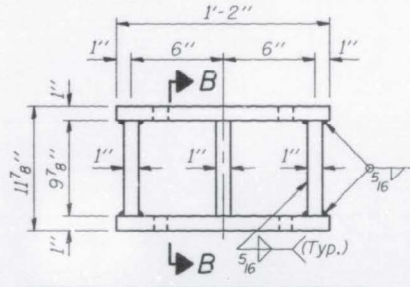


**BEARING ASSEMBLY**

Note: Shim plates shall not be placed under Bearing Assembly.



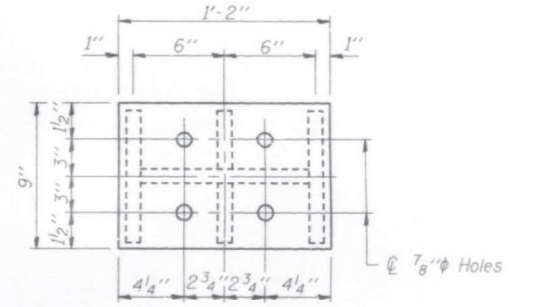
**SECTION B-B**



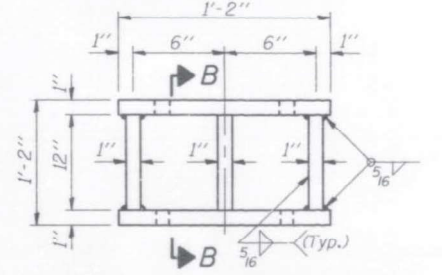
**STEEL EXTENSION DETAIL  
PIER 11 (NORTH) & PIER 13 (SOUTH)**

**SHIM PLATE SCHEDULE  
(Plate thickness in inches)**

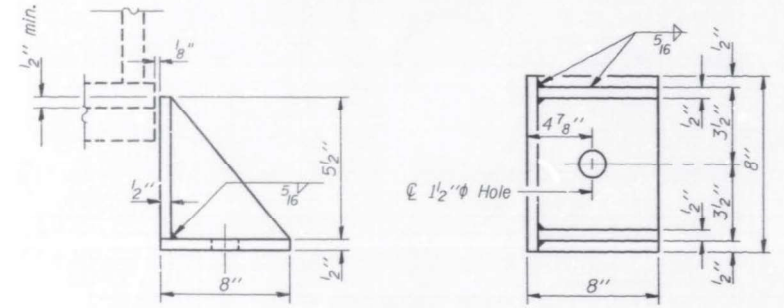
Girder No.	Pier 11 (South) 4"	Pier 11 (North) 4"	Pier 13 (South) 4"	Pier 13 (North) 4"
1	0	3/8	0	0
2	0	3/8	3/4	5/8
3	0	3/8	1/2	0
4	0	3/8	1/4	3/8
5	1/8	3/8	7/8	3/8
6	0	1/8	1/2	3/8
7	0	1	1/8	0
8	1/8	1 1/2	1/4	0
9	0	1/8	1/4	0
10	1/4	1 3/8	1/4	0



**PLAN TOP & BOTTOM PLATES**

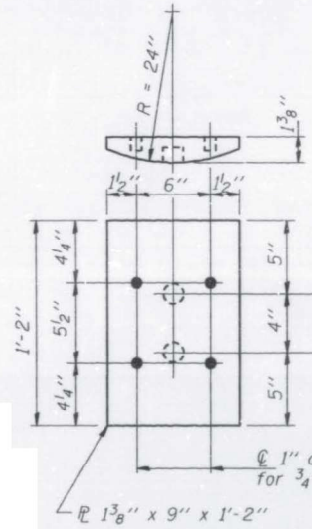


**STEEL EXTENSION DETAIL  
FOR FIXED BEARINGS**

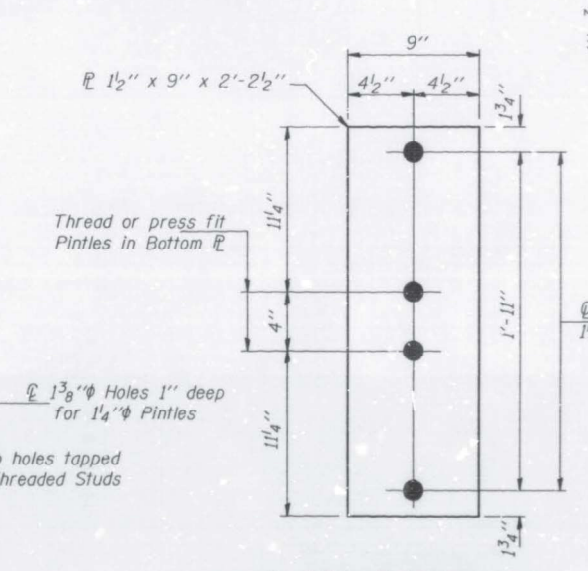


**SIDE RETAINER**

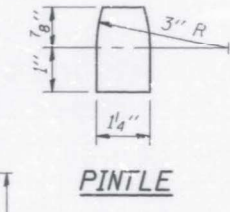
Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



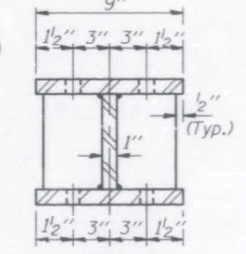
**PLAN - TOP PLATE  
FIXED BEARINGS**



**PLAN - BOTTOM PLATE  
FIXED BEARINGS**



**PINTLE**



**SECTION B-B**

FOR INFORMATION ONLY

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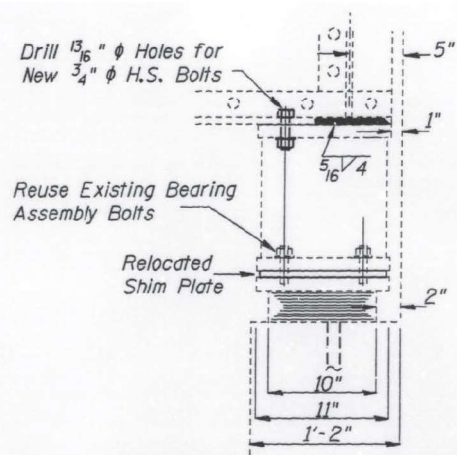
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PLOT DATE = 6/22/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

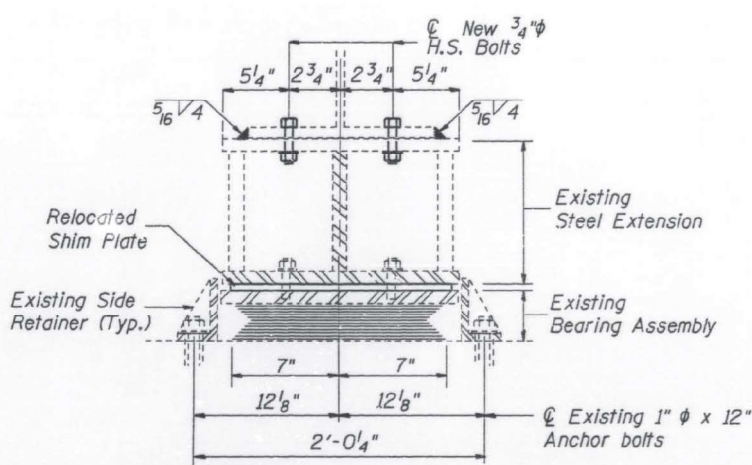
<b>BEARING DETAILS SN 016-0777 WESTERN AVE OVER CALUMET SAG CHANNEL</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 370	SECTION 2021-097-BP	COUNTY COOK	TOTAL SHEETS 23	SHEET NO. 14
ILLINOIS FED. AID PROJECT CONTRACT NO. 62P25				

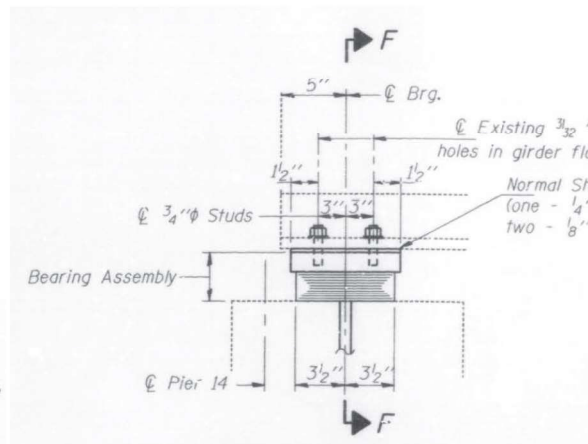




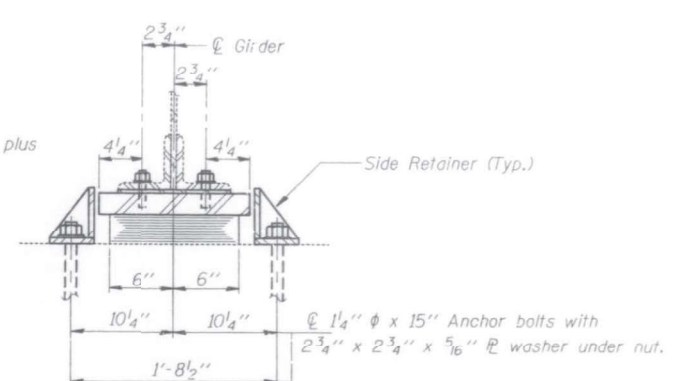
**PROPOSED ELEVATION AT BENT 14 (SOUTH)**



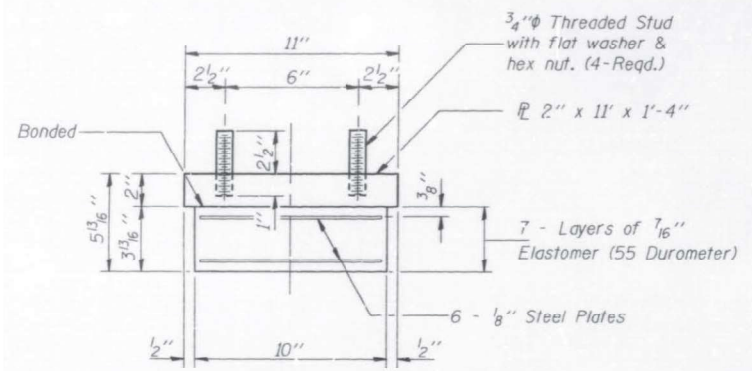
**SECTION A-A**



**ELEVATION AT PIER 14 (NORTH)**



**SECTION F-F**

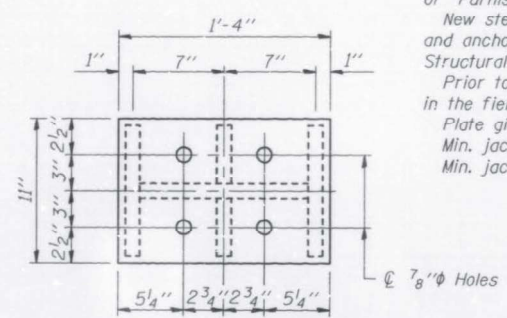


**BEARING ASSEMBLY**

**SHIM PL SCHEDULE**  
(Dimensions in inches)

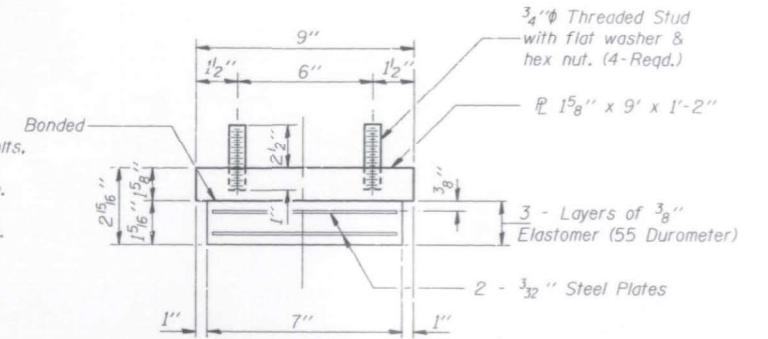
Girder No.	Pier 14 (South) Dim. "A"
1	12 3/8
2	12 3/8
3	12 3/8
4	10 3/8
5	10 3/8
6	8 3/8
7	8 3/8
8	8 3/8
9	8 3/8
10	8 3/8

**TYPE I ELASTOMERIC EXP. BRG.**

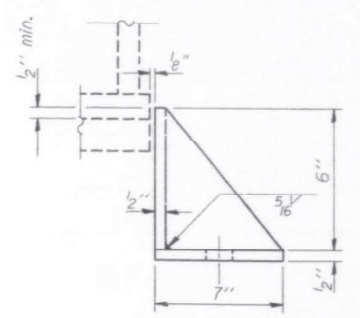


**PLAN TOP & BOTTOM PLATES**

Notes: Diaphragm removal and replacement may be required to facilitate drilling holes. Cost shall be included in the cost of "Furnishing and Erecting Structural Steel".  
New steel extensions, side retainers, shims, connection bolts, and anchor bolts are included in "Furnishing and Erecting Structural Steel". See sheet 8 for Anchor Bolt Installation.  
Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions.  
Plate girder web should be stiffened at jacking location.  
Min. jack size Pier 14 South = 40 Tons  
Min. jack size Pier 14 North = 60 Tons

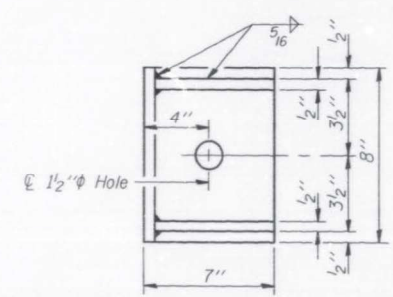


**BEARING ASSEMBLY**

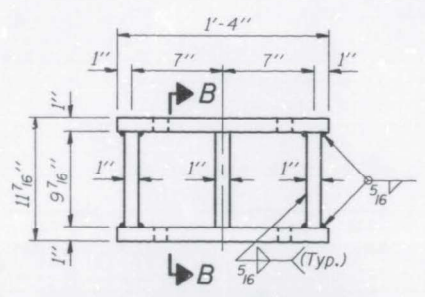


**SIDE RETAINER**

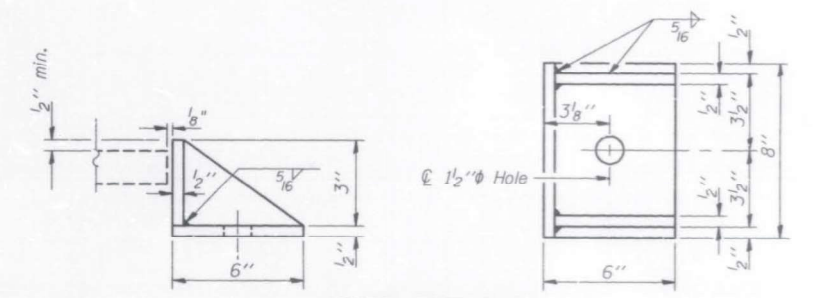
Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



**SECTION B-B**



**STEEL EXTENSION DETAIL PIER 14 (SOUTH)**



**SIDE RETAINER**

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

FOR INFORMATION ONLY

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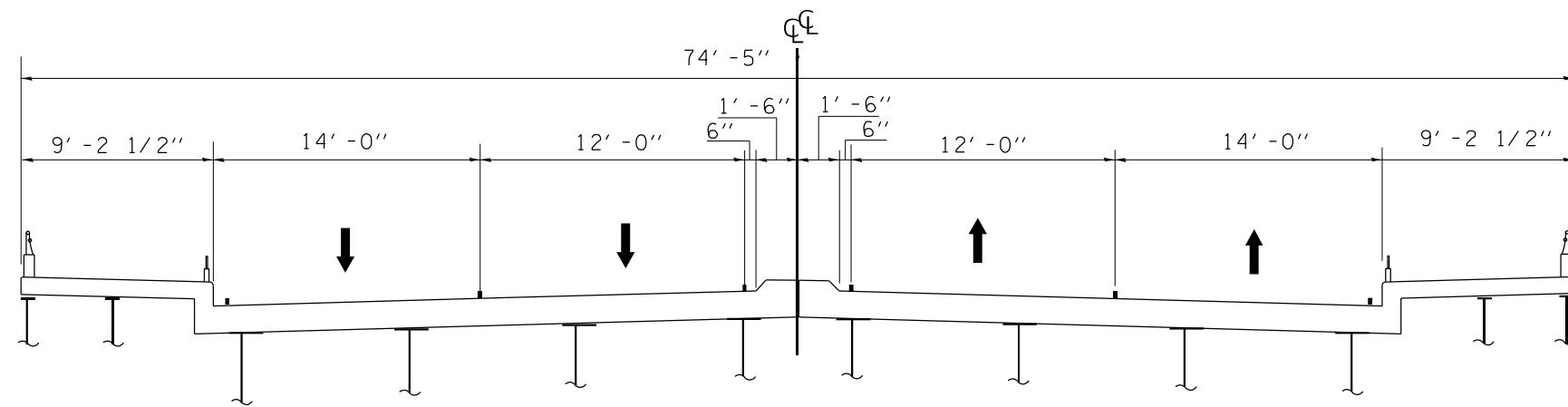
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PLOT DATE = 6/22/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

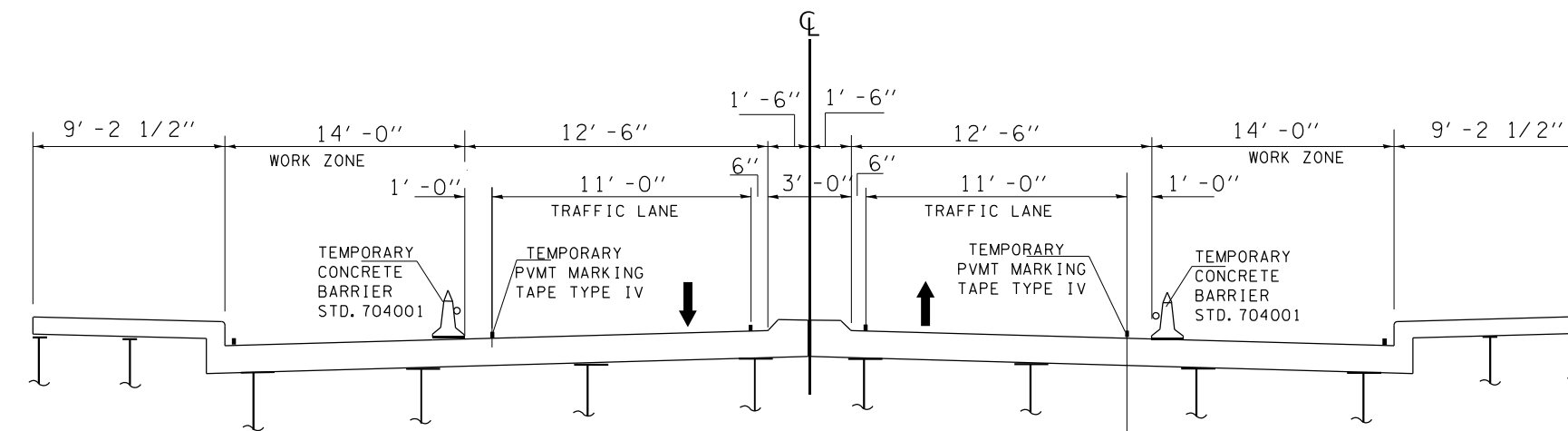
**BEARING DEYTAILS SN 016-0777  
WESTERN AVE OVER CALUMET SAG CHANNEL**

SCALE: SHEET OF SHEETS STA. TO STA.

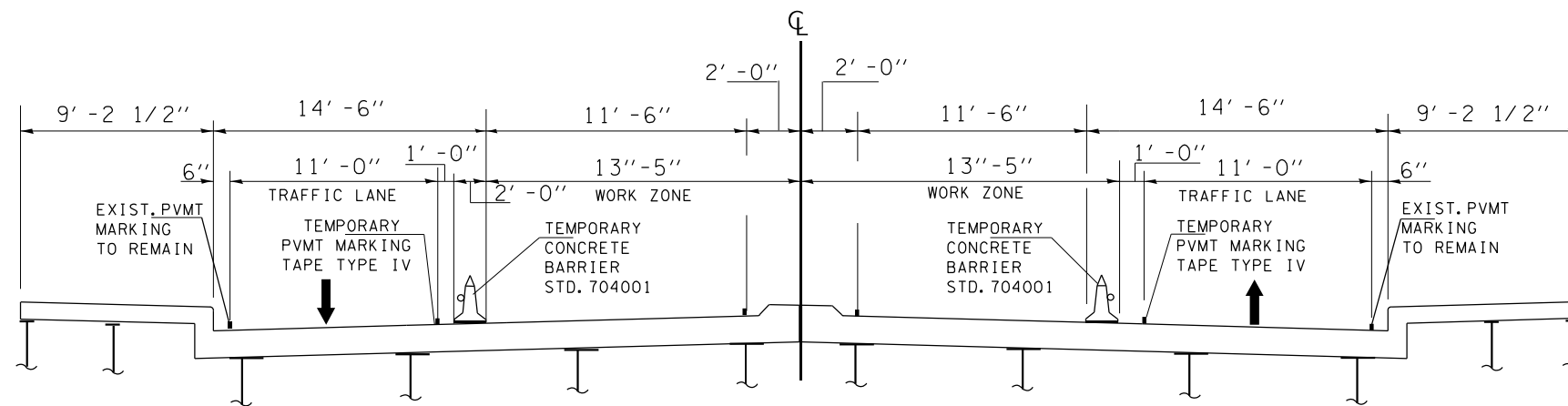
F.A.P. RTE. 370	SECTION 2021-097-BP	COUNTY COOK	TOTAL SHEETS 23	SHEET NO. 15
CONTRACT NO. 62P25				
ILLINOIS FED. AID PROJECT				



**EXISTING CROSS SECTION**



**STAGE 1 CONSTRUCTION**



**STAGE 2 CONSTRUCTION**

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

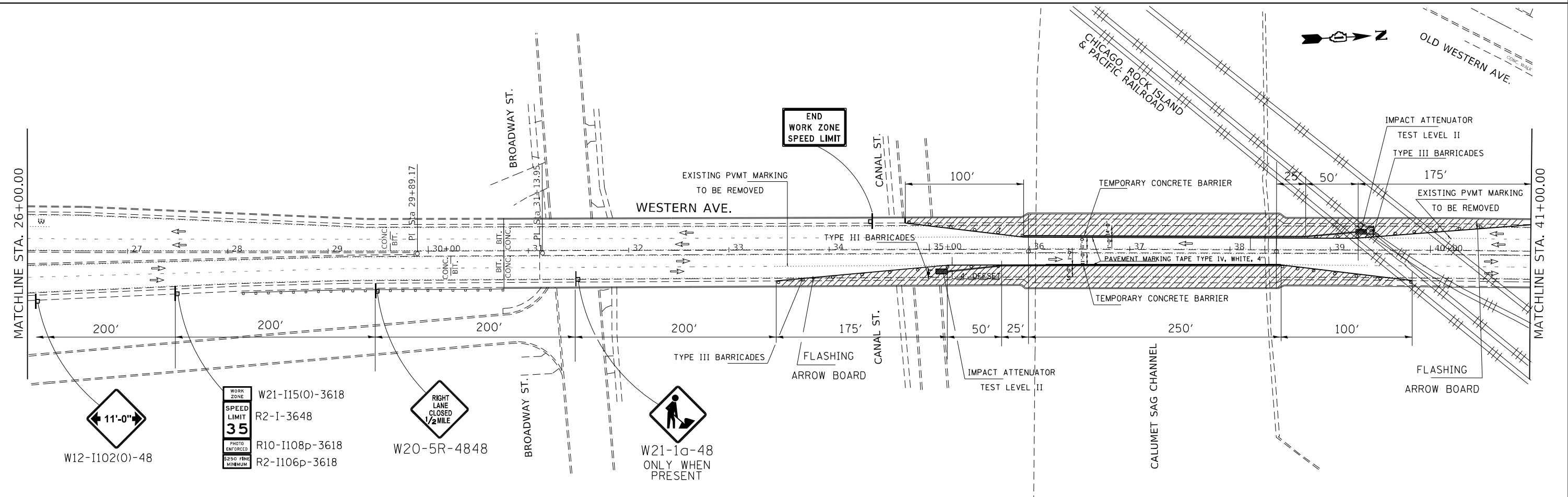
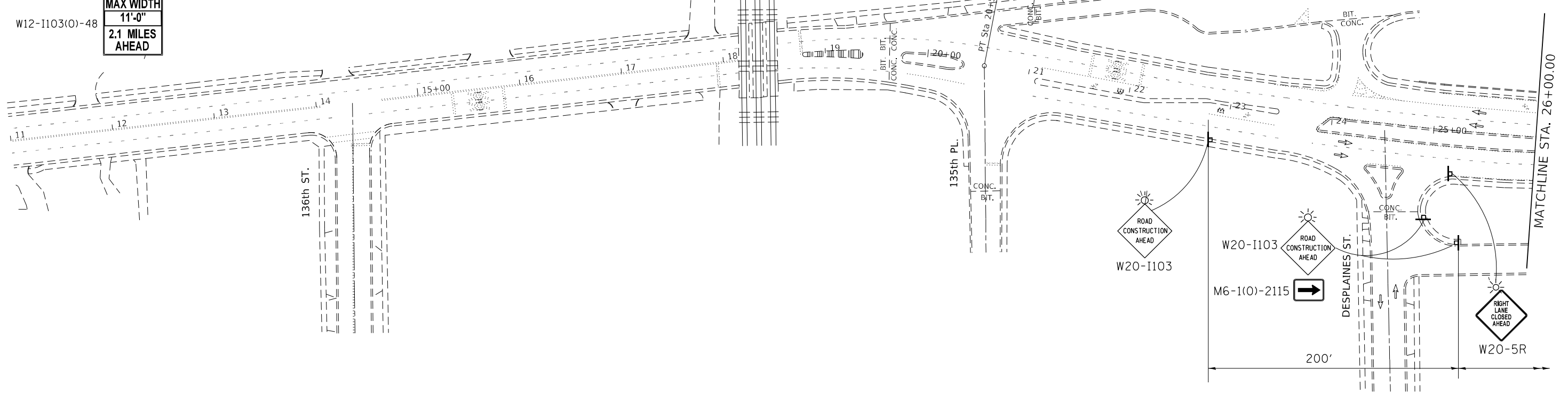
**TRAFFIC STAGING CROSS SECTIONS, SN 016-0777  
WESTERN AVE OVER CALUMET SAG CHANNEL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 370	SECTION 2021-097-BP	COUNTY COOK	TOTAL SHEETS 23	SHEET NO. 16
			CONTRACT NO. 62P25	
ILLINOIS FED. AID PROJECT				

THE SIGN SHALL BE PLACED  
200' SOUTH OF SIBLEY BLVD

W12-I103(O)-48  
**MAX WIDTH**  
**11'-0"**  
**2.1 MILES**  
**AHEAD**



WORK ZONE  
**SPEED LIMIT**  
**35**  
 PHOTO ENFORCED  
 8250 FINE MINIMUM

W12-I102(O)-48

W21-I15(O)-3618  
 R2-I-3648  
 R10-I108p-3618  
 R2-I106p-3618

W20-5R-4848  
 W21-1a-48  
 ONLY WHEN PRESENT

USER NAME = gorengautab	DESIGNED -	REVISED -
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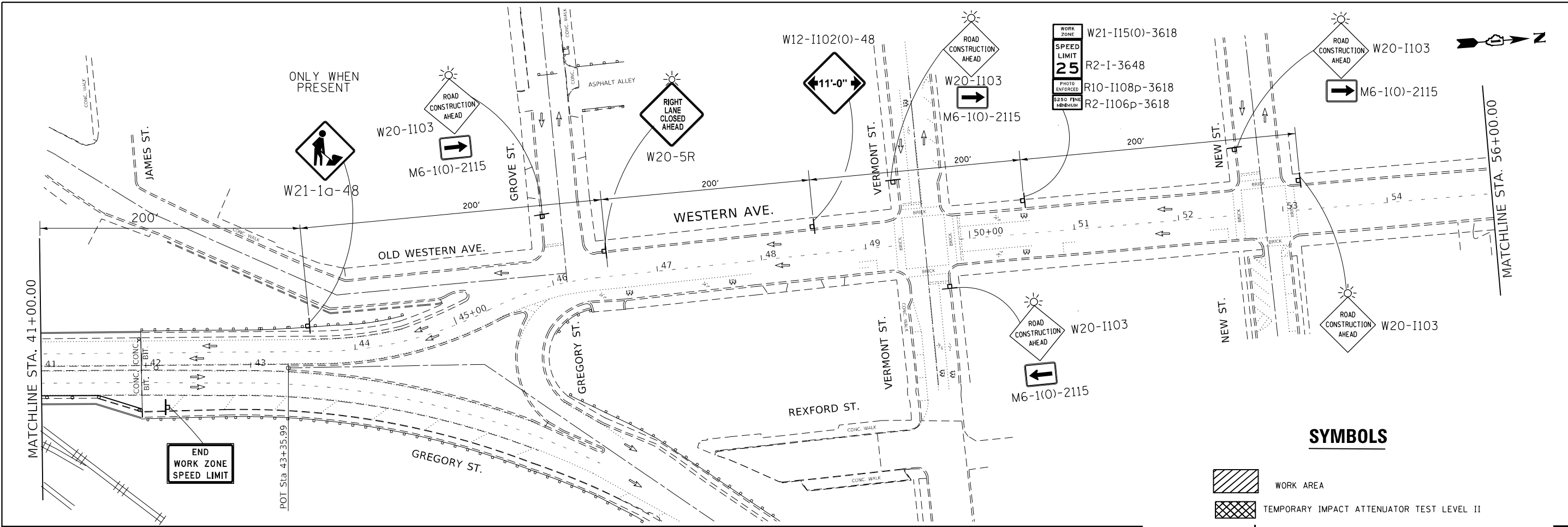
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN STAGE 1 (SN 016-0777)**  
**WESTERN AVE. (AT CALUMET SAG CHANNEL)**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 370	SECTION 2021-097-BP	COUNTY COOK	TOTAL SHEETS 23	SHEET NO. 17
CONTRACT NO. 62P25				
ILLINOIS FED. AID PROJECT				

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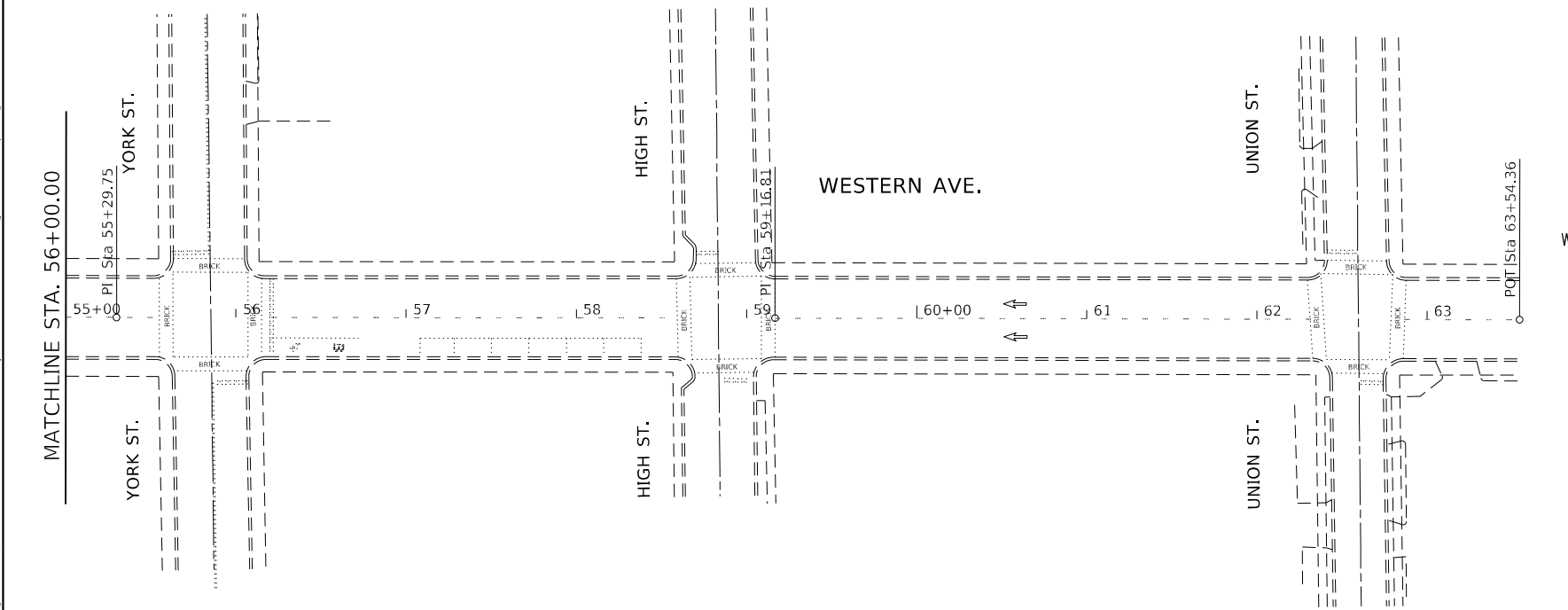


**SYMBOLS**

- WORK AREA
- TEMPORARY IMPACT ATTENUATOR TEST LEVEL II
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHT
- DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHT
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD

**NOTES**

- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED
- CONTINUOUS TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 150' ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN 14 DAYS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS
- BARRICADE SPACING SHALL BE 20 FT IN TAPERS AND 25 FT ON TANGENTS.
- THE CONTRACTOR SHALL KEEP ONE SIDE OF THE PEDESTRIAN SIDEWALK OPEN DURING STAGE CONSTRUCTION.



THE SIGN SHALL BE PLACED 200' NORTH OF VERMONT ST

**MAX WIDTH**  
**11'-0"**  
**0.2 MILES**  
**AHEAD**

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	DRAWN -	REVISED -
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PLOT DATE = 7/27/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN STAGE 1 (SN 016-0777)**  
**WESTERN AVE. (AT CALUMET SAG CHANNEL)**

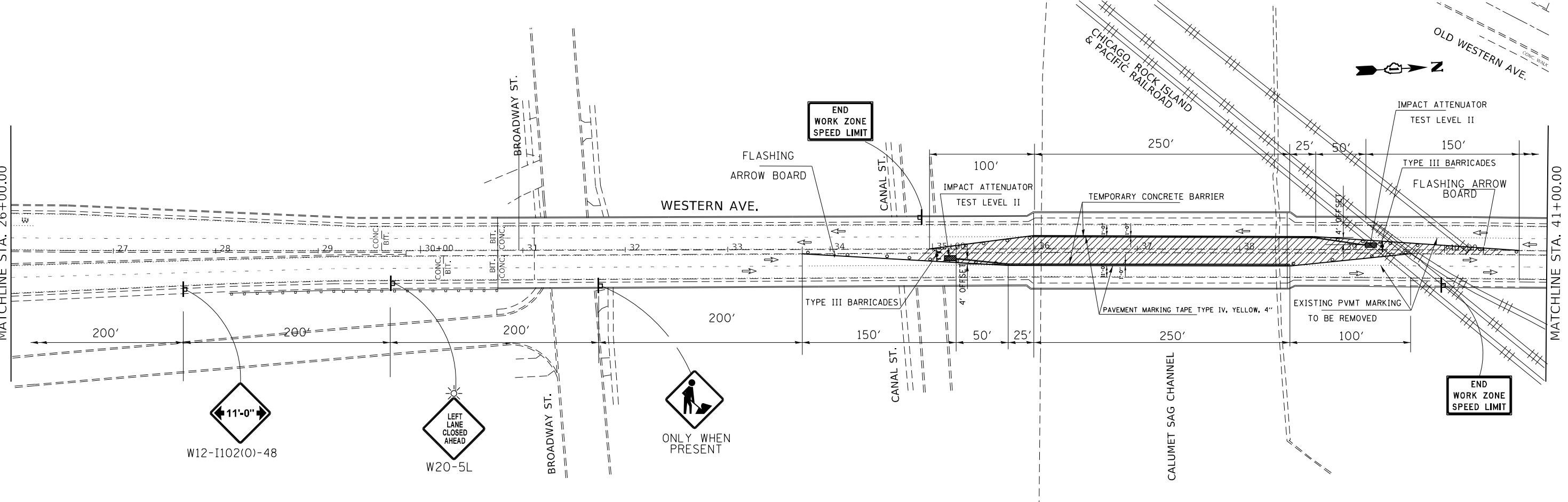
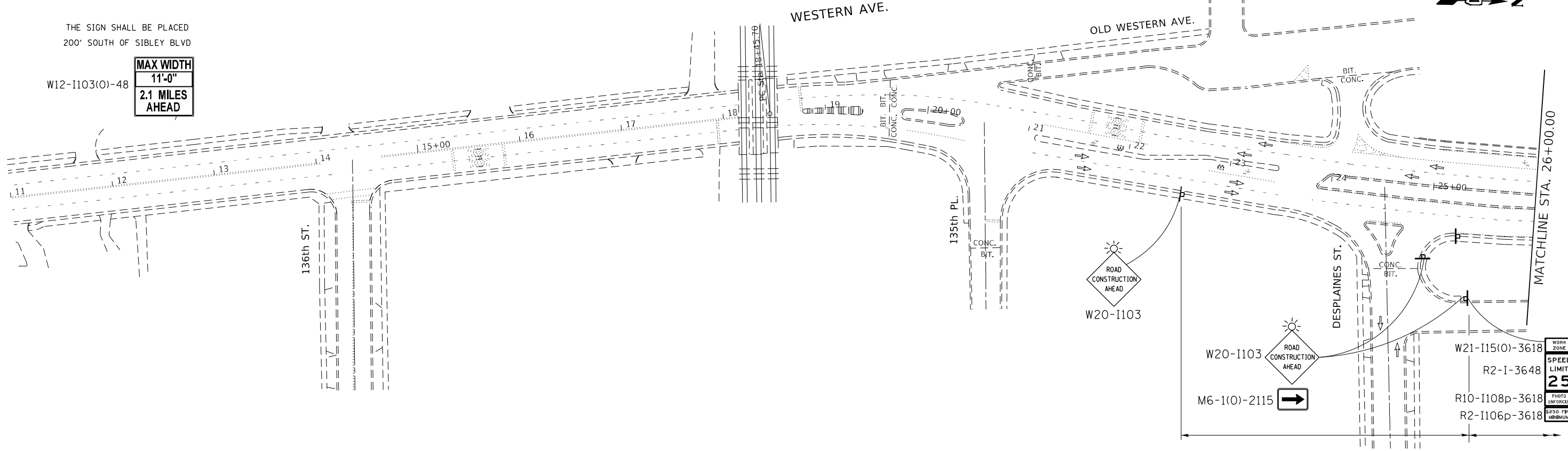
SCALE: 1"=50'

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
370	2021-097-BP	COOK	23	18
CONTRACT NO. 62P25				
ILLINOIS FED. AID PROJECT				

THE SIGN SHALL BE PLACED  
200' SOUTH OF SIBLEY BLVD

W12-I103(O)-48  
**MAX WIDTH**  
**11'-0"**  
**2.1 MILES**  
**AHEAD**



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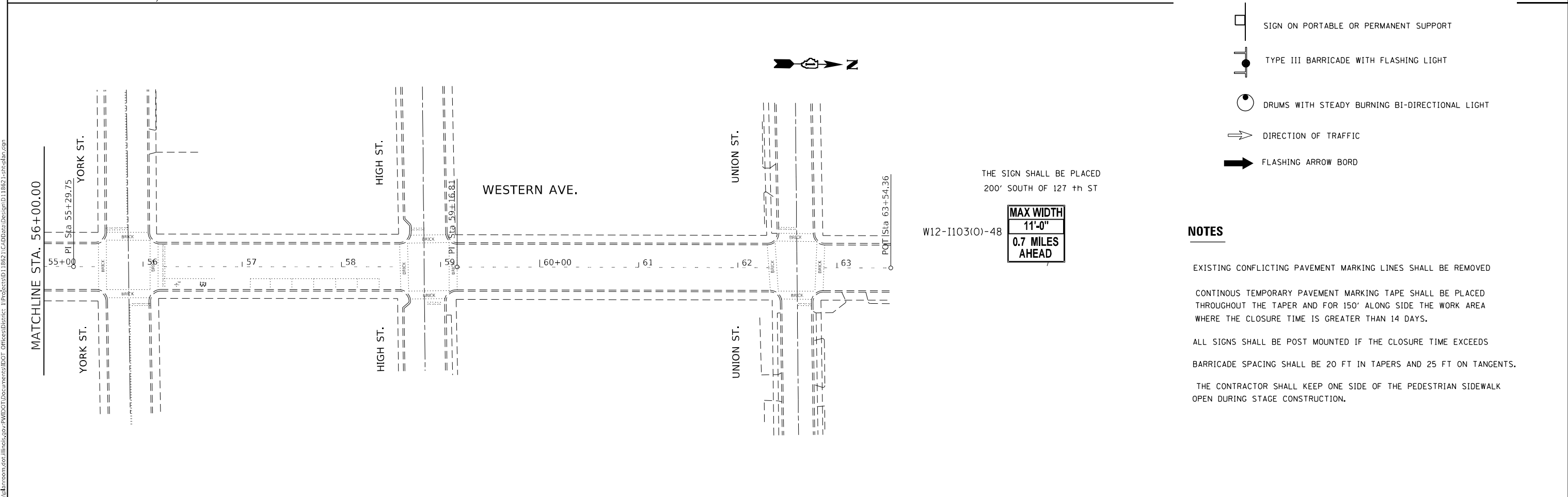
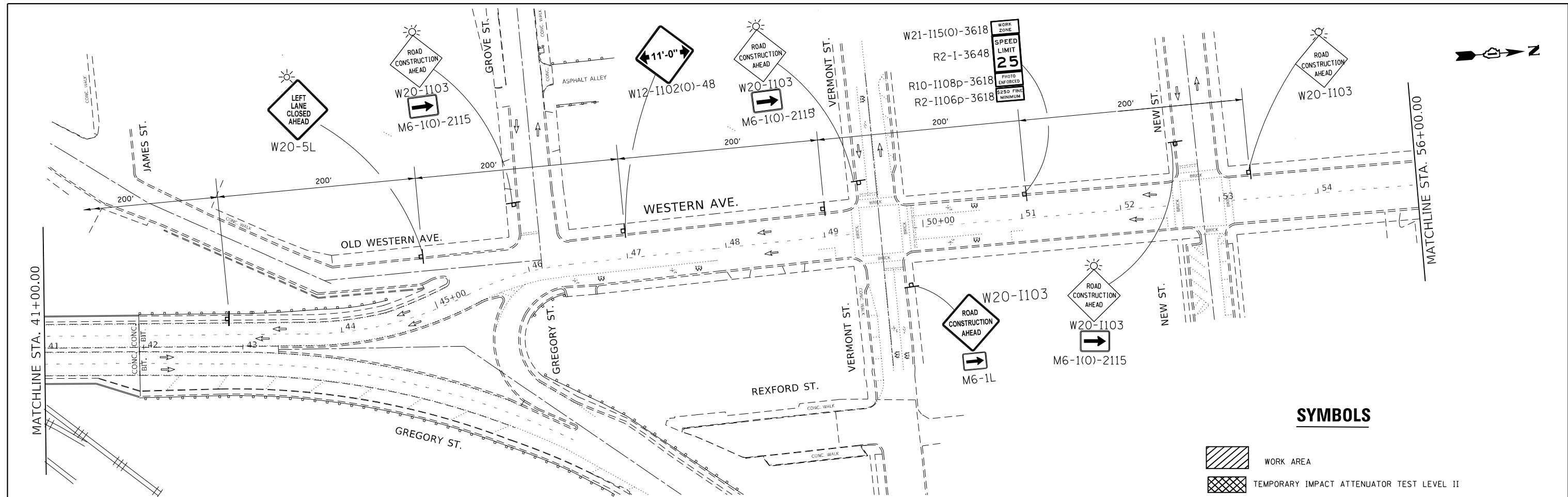
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**








**TRAFFIC CONTROL PLAN STAGE 2 (SN 016-0777)  
WESTERN AVE. (AT CALUMET SAG CHANNEL)**

SCALE: 1"=50'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
370	2021-097-BP	COOK	23	19
ILLINOIS FED. AID PROJECT				CONTRACT NO. 62P25



**SYMBOLS**

-  WORK AREA
-  TEMPORARY IMPACT ATTENUATOR TEST LEVEL II
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  TYPE III BARRICADE WITH FLASHING LIGHT
-  DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHT
-  DIRECTION OF TRAFFIC
-  FLASHING ARROW BORD

**NOTES**

- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED
- CONTINUOUS TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 150' ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN 14 DAYS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS
- BARRICADE SPACING SHALL BE 20 FT IN TAPERS AND 25 FT ON TANGENTS.
- THE CONTRACTOR SHALL KEEP ONE SIDE OF THE PEDESTRIAN SIDEWALK OPEN DURING STAGE CONSTRUCTION.

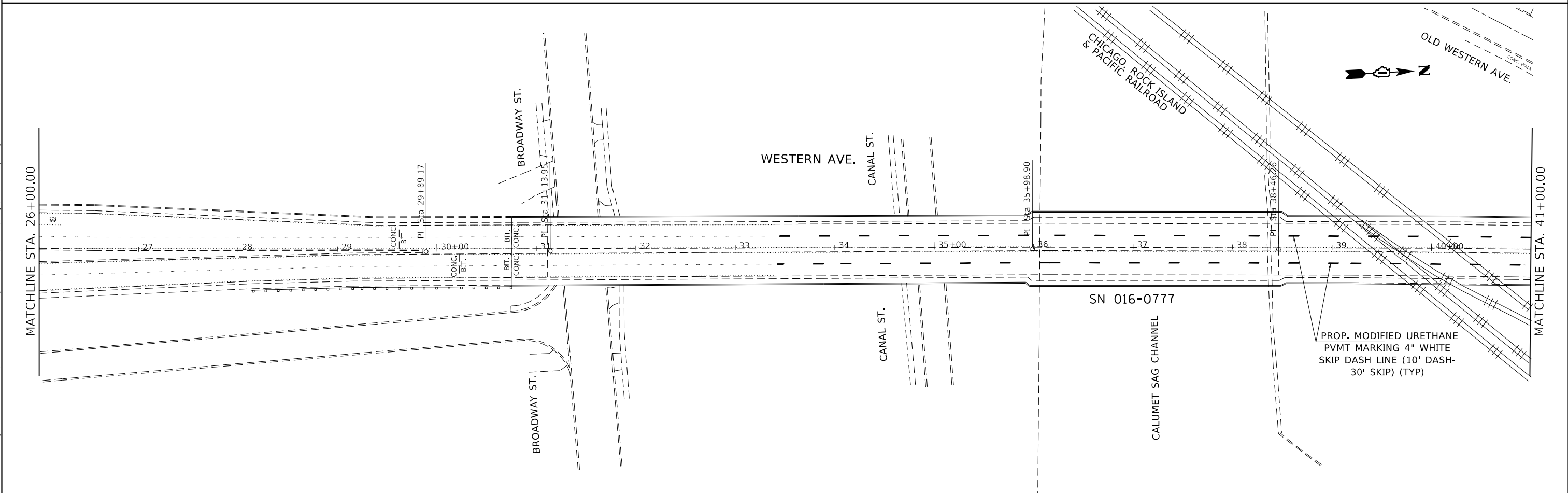
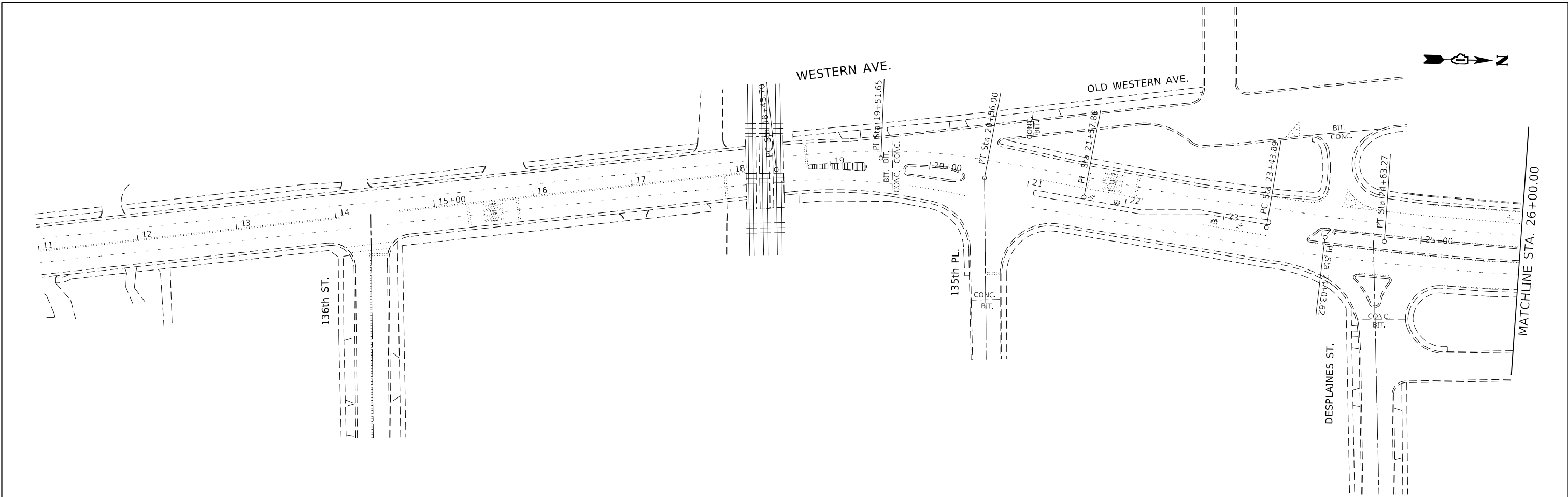
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DRAWN -	REVISED -	
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PLOT DATE = 7/27/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>TRAFFIC CONTROL PLAN STAGE 2 (SN 016-0777)</b> <b>WESTERN AVE. (AT CALUMET SAG CHANNEL)</b>			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
370	2021-097-BP	COOK	23	20
CONTRACT NO. 62P25				
ILLINOIS FED. AID PROJECT				



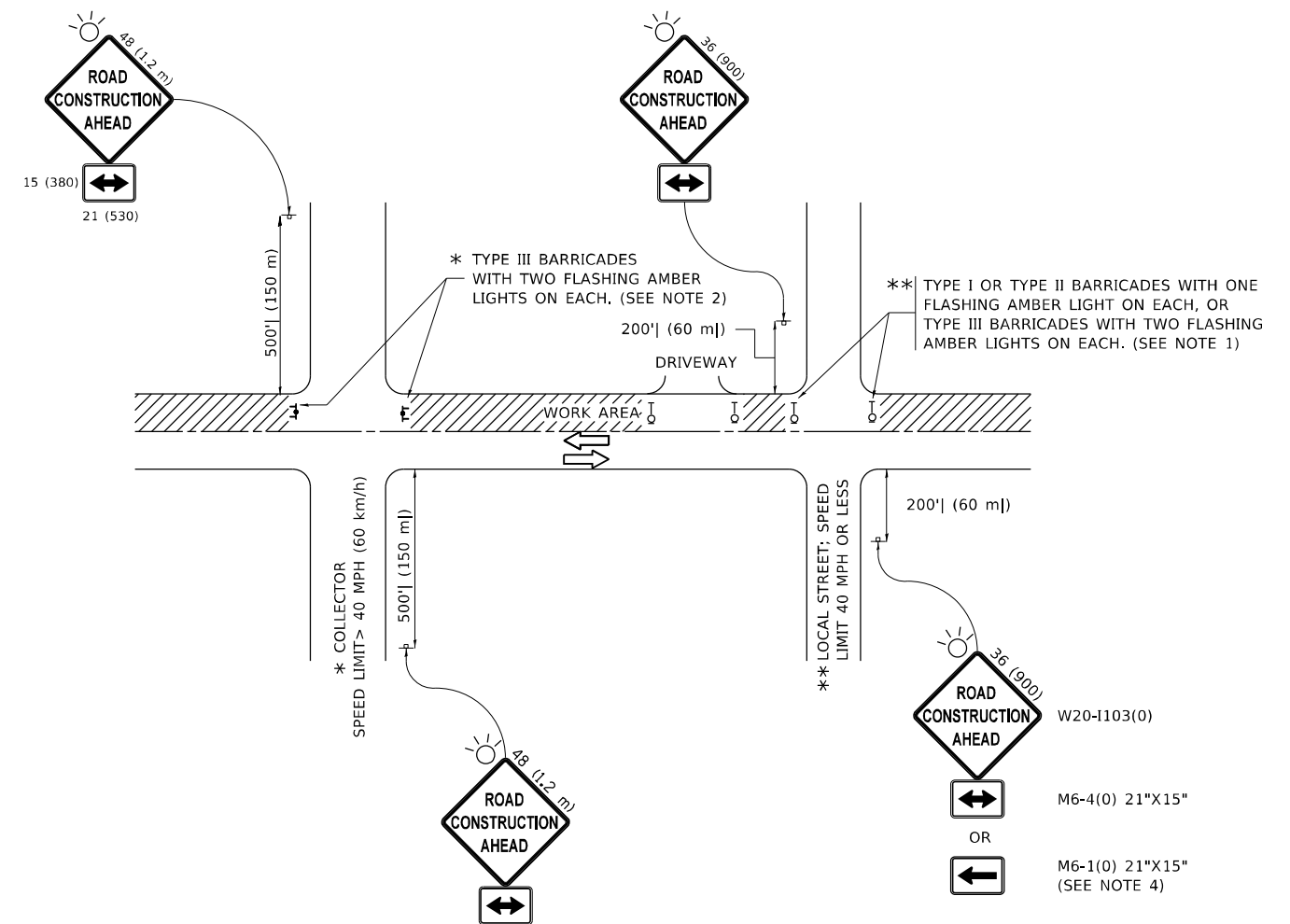
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USER NAME = gorengautab	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/22/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING PLAN</b> <b>WESTERN AVE. (AT CALUMET SAG CHANNEL)</b>			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
370	2021-097-BP	COOK	23	21
CONTRACT NO. 62P25				
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) 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.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) 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. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

MODEL: Default  
FILE NAME: p:\u003d\mroom\dot\illinois\gov\pww\dot\Documents\DOT\_Offices\Distrefc\_1\Project\ID118621\CADD\Drawings\Design\Distrefc.dgn

USER NAME = gorengautab	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 6/22/2021	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

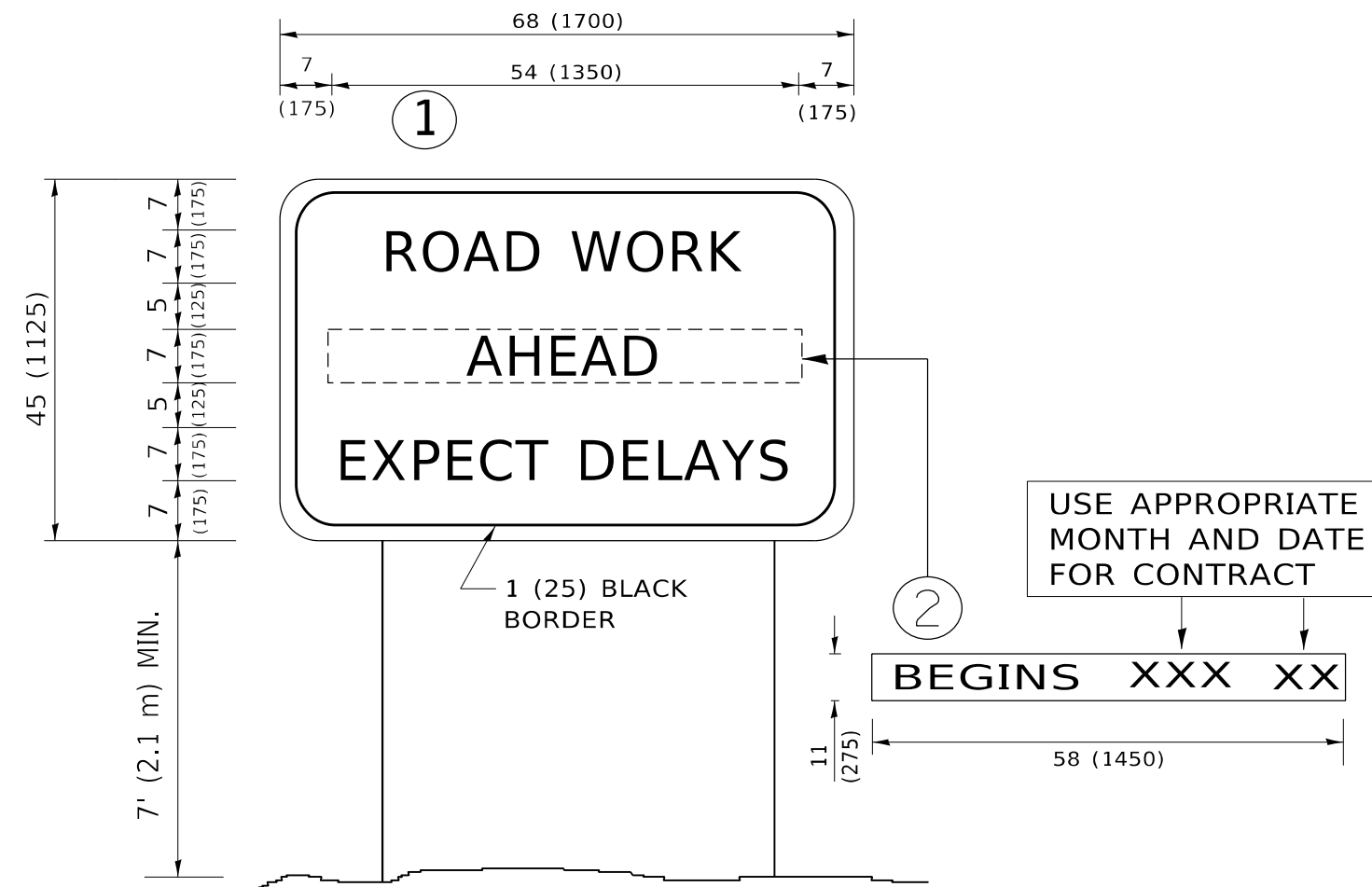
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
370	2021-097-BP	COOK	23	22
<b>TC-10</b>		CONTRACT NO. 62P25		
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 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.

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USER NAME = gorengautab	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 6/22/2021	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
370	2021-097-BP	COOK	23	23
<b>TC-22</b>			CONTRACT NO. 62P25	
ILLINOIS FED. AID PROJECT				