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STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001- 08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
701106-02	OFF-ROAD OPERATIONS, > 15' AWAY
701400- 12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY (PRESSWAY WITH BARRIER
701402-12	
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
** 701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701901- 10	TRAFFIC CONTOL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N. AT (312) 744-7000 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. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
5. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
6. ANY DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
7. ALL PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO DISTRICT 1 TYPICAL PAVEMENT MARKING.
8. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE PROJECT LIMITS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
9. THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM ILLINOIS DEPARTMENT OF TRANSPORTATIONS'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT WWW.IDOTLCS.COM AT LEAST 24 HOURS IN ADVANCE OF ALL DAILY LANE, RAMP, AND SHOULDER CLOSURES AND 7 DAYS IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES ON ALL FREEWAYS AND/OR EXPRESSWAYS. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS AND HOLIDAYS.
10. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE.
11. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
12. THE CONTRACTOR SHALL NOTIFY THE DISTRICT ONE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT carlos.munoz@illinois.gov or 847-705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING OF WORK.

** STANDARD 701426:

STANDARD 701426 IS EXCLUSIVELY FOR USE IN THE DAN RYAN EXPRESSWAY. IT SHALL BE USED SOLELY FOR COVERING AND UNCOVERING OF THE SIGNS ON THE OHSS.

MOVING OPERATION ALLOWABLE HOURS

SB Dan Ryan Elevated								
Location	Lanes	Closure Type	Days of Week	Daytime Hours		Nighttime Hours		Map
				Start Time	End Time	Start Time	End Time	
Eisenhower Expy (I-290) to 26th St	1	Stationary	Monday - Friday	-- Not Allowed --		9:00 PM	5:00 AM	Show Map
	1	Moving	Monday - Friday	10:00 AM	1:00 PM	-- Not Allowed --		
	2	Stationary	Monday - Friday	-- Not Allowed --		11:59 PM	5:00 AM	

SB Dan Ryan Local								
Location	Lanes	Closure Type	Days of Week	Daytime Hours		Nighttime Hours		Map
				Start Time	End Time	Start Time	End Time	
26th St to Marquette Rd (67th St)	1	Stationary	Monday - Friday*	9:00 AM	2:00 PM	9:00 PM	6:00 AM	Show Map
	1	Moving	Monday - Friday	9:00 AM	2:00 PM	9:00 PM	6:00 AM	
	2	Stationary	Monday - Friday	-- Not Allowed --		11:59 PM	6:00 AM	
	2	Moving	Monday - Thursday	10:00 AM	1:00 PM	-- Not Allowed --		
Marquette Rd (67th St) to 69th St	1	Stationary	Monday - Friday	-- Not Allowed --		11:59 PM	6:00 AM	Show Map

MOT GENERAL NOTE

1. MAINTENANCE OF TRAFFIC PLAN SHALL BE SUBMITTED TO DISTRICT ONE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR 14 DAYS IN ADVANCE OF ANY STAGES CHANGES OR FULL EXPRESSWAY CLOSURES. THE MAINTENANCE OF TRAFFIC PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO: LANE AND RAMP CLOSURES, EXISTING GEOMETRICS, EQUIPMENT AND MATERIAL LOCATIONS.
2. ALL STAGE CHANGES REQUIRING THE STOPPING AND/OR THE PACING OF TRAFFIC SHALL TAKE PLACE DURING THE ALLOWABLE HOURS FOR FULL EXPRESSWAY CLOSURES AND SHALL BE APPROVED BY THE DEPARTMENT. THE CONTRACTOR SHALL NOTIFY THE DISTRICT ONE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT LEAST 3 WORKING DAYS (WEEKENDS AND HOLIDAYS DO NOT COUNT INTO THIS 72 HOURS NOTIFICATION) IN ADVANCE OF ANY PROPOSED STATE CHANGE.
3. THE CONTRACTOR SHALL NOTIFY THE DISTRICT ONE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT carlos.munoz@illinois.gov or 847-705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING OF WORK.
4. THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM CHICAGO SKYWAY TO SET UP TRAFFIC CONTROL DEVICES ON THEIR ROAD.

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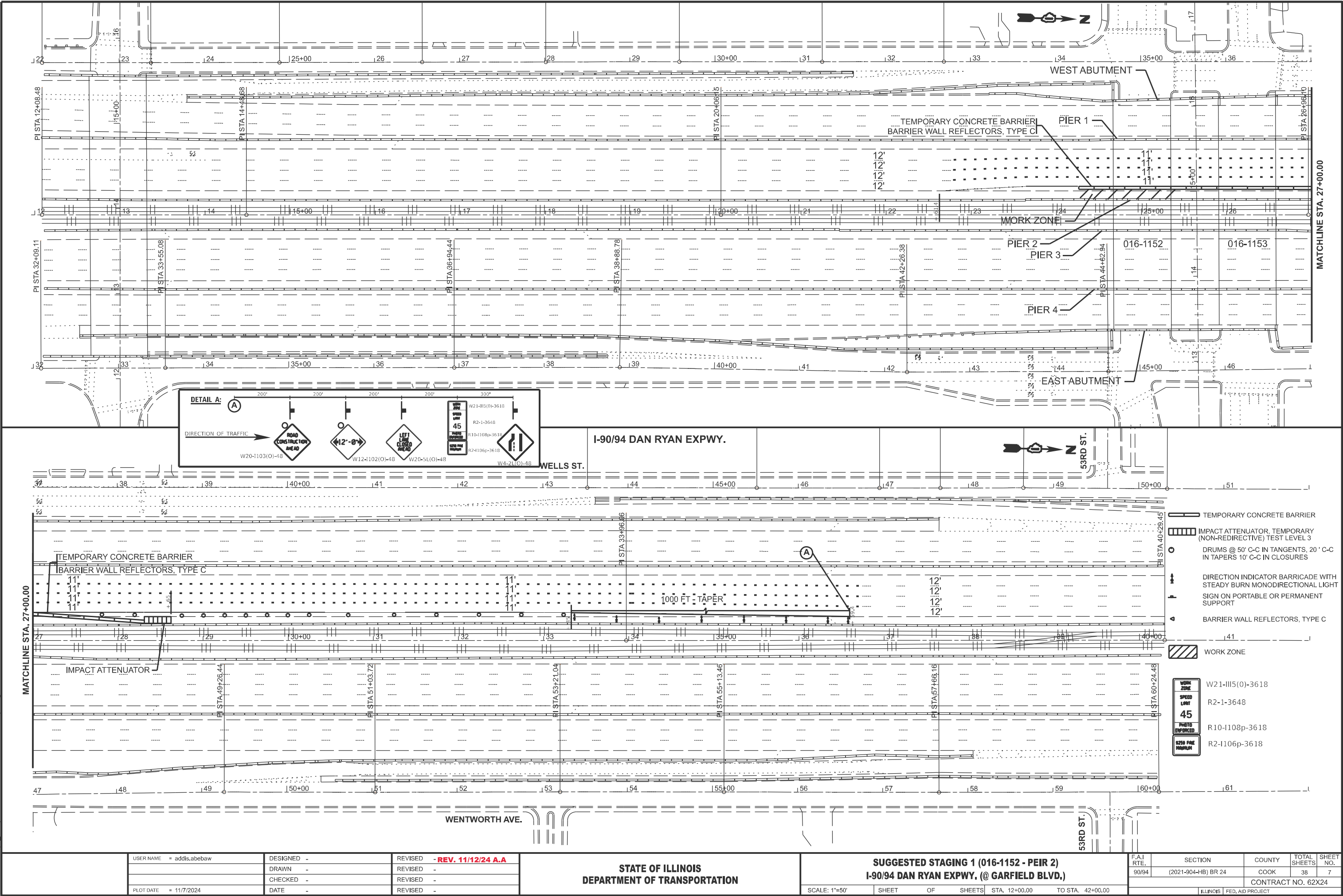
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	PLOT SCALE = \$SCALES	DRAWN -	REVISED -					90/94	(2021-904-HB) BR 24	COOK	38	2
	PLOT DATE = 12/5/2024	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 62X24				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

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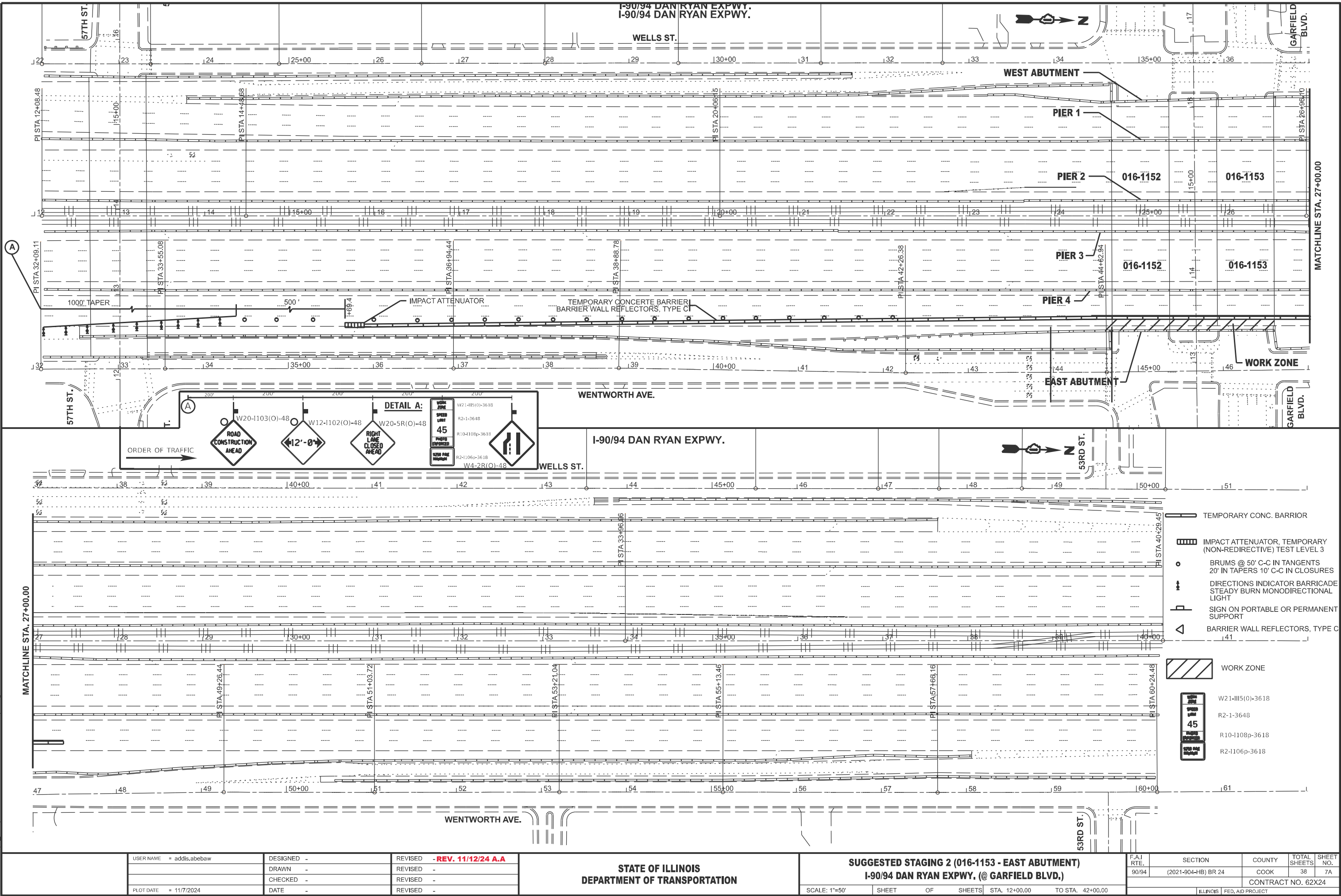
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
				016-1152&016-1153 100% STATE		
				0013 URBAN		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	140	140	0	0
50800530	MECHANICAL SPLICERS	EACH	8	8	0	0
59000200	EPOXY CRACK INJECTION	FOOT	38.5	38.5	0	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	0	0
67100100	MOBILIZATION	L SUM	1	1	0	0
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	3140	3140	0	0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	150	150	0	0
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	0	0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1047	1047	0	0
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	3140	3140	0	0
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1150	1150	0	0
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	804	804	0	0
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2200	2200	0	0
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1	0	0
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	0	0
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	134	134	0	0
X0325748	ACRYLIC COATING	SQ YD	15.3	15.3	0	0
X0325749	FIBER WRAP	SQ FT	68.6	68.6	0	0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	0	0
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1	0	0
78300202	PAVEMENT MARIING REMOVAL- WATER BLASTING	SQ FT	437	437		
70307125	TEMPORARY PAVEMENT MARIING- LINE 5" - TYPE IV TAPE	FOOT	1049	1049		

	USER NAME = addis.abebew	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90/94 (DAN RYAN EXPWY.) AT GARFIELD BLVD.(55TH ST.) SUMMARY OF QUANTITIES		F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				90/94	(2021-904-HB) BR 24	COOK	38	3
		CHECKED -	REVISED -				CONTRACT NO. 62X24				
	PLOT DATE = 10/22/2024	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
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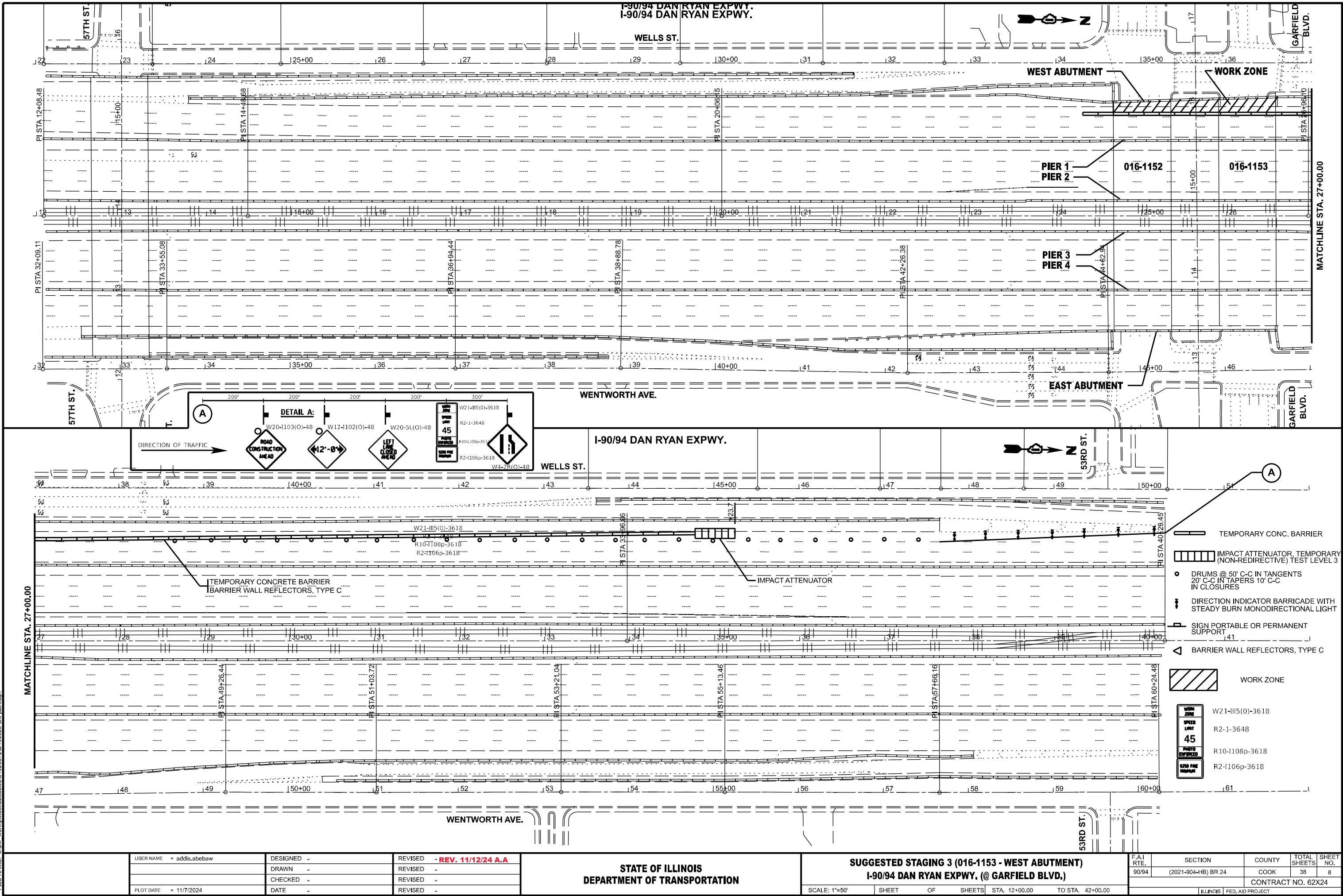
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DEPARTMENT OF TRANSPORTATION

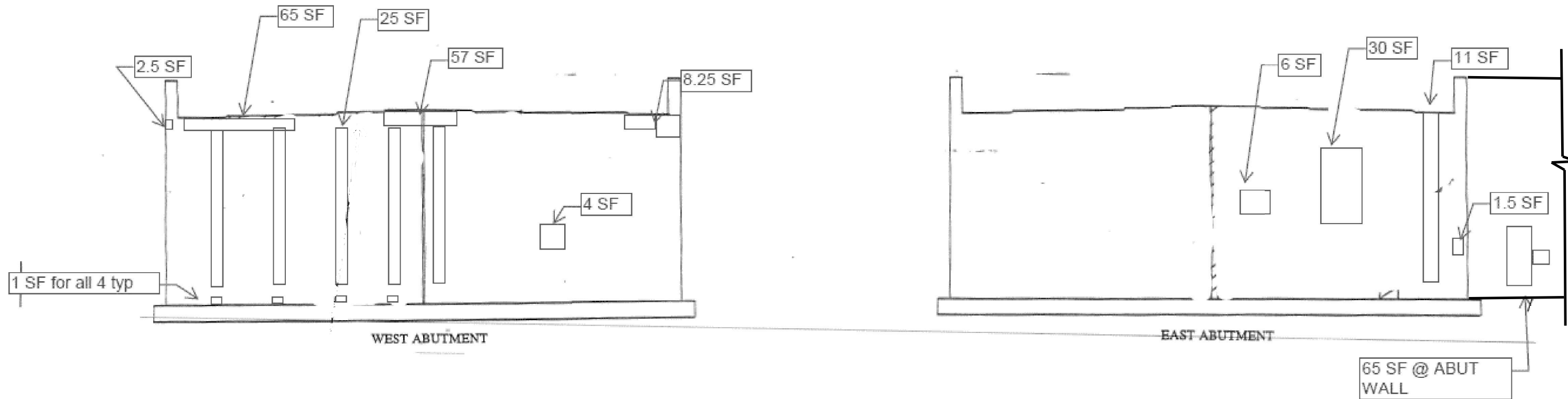
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I-90/94 DAN RYAN EXPWY. (@ GARFIELD BLVD.)

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FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	7A
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

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Existing Interior Beam Reaction Table (W920x238 metric)

	Abut.	Pier 2
RDL + RSDL (Kips)	17.09	62.27
RLL (Kips)	42.26	53.28
IMP. (Kips)	12.36	15.29
R (Total) (Kips)	71.71	130.84

Existing Exterior Beam Reaction Table (W920x238 metric)

	Abut.	Pier 2
RDL + RSDL (Kips)	17.98	63.17
RLL (Kips)	34.85	44.96
IMP. (Kips)	10.34	12.81
R (Total) (Kips)	63.17	120.95

Existing Interior Beam Reaction Table (W920x223 metric)

	Abut.	Pier 2
RDL + RSDL (Kips)	16.19	58.90
RLL (Kips)	39.34	49.46
IMP. (Kips)	11.47	14.16
R (Total) (Kips)	66.99	122.52

LEGEND:

STRUCTURAL REPAIR CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCH)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ. FT	276.25

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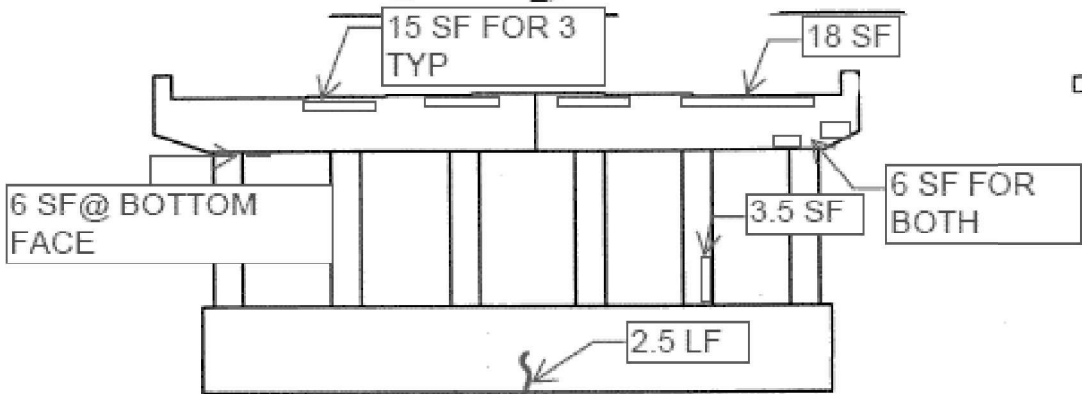
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PLOT DATE = 12/5/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

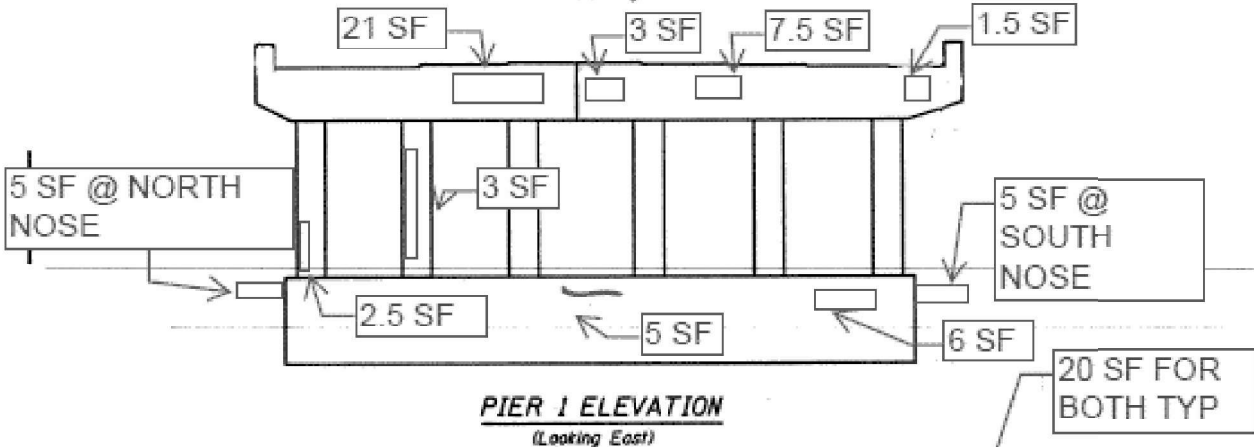
EAST AND WEST ABUTMENT (SN. 016-1152) I-90/94 DAN RYAN EXPWY UNDER GARFIELD BLVD. (55TH ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

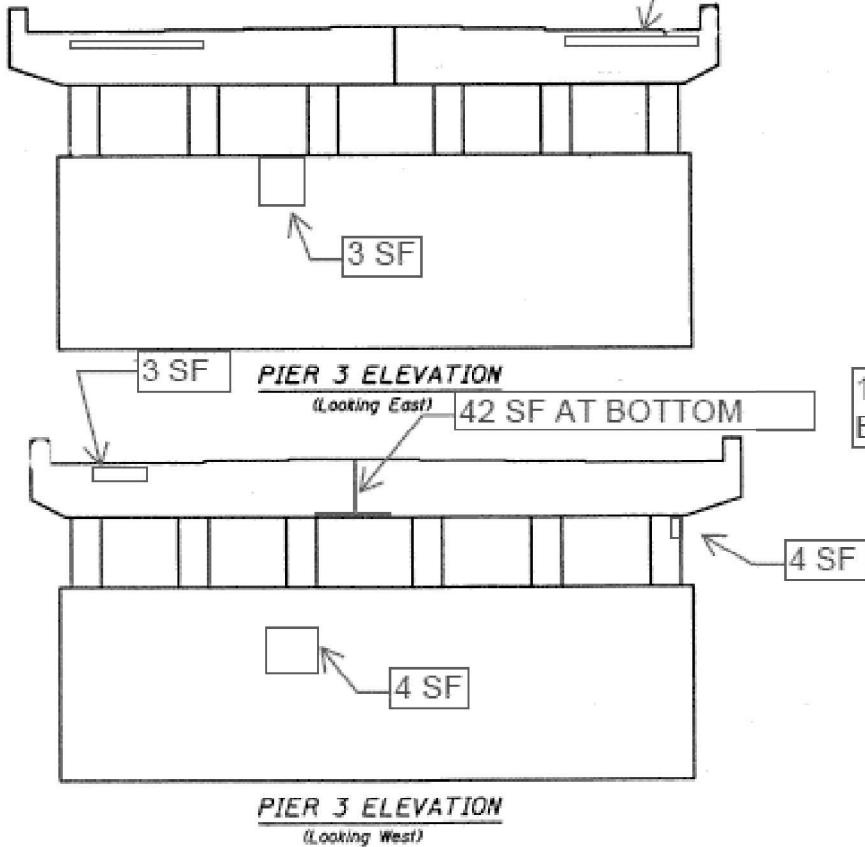
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



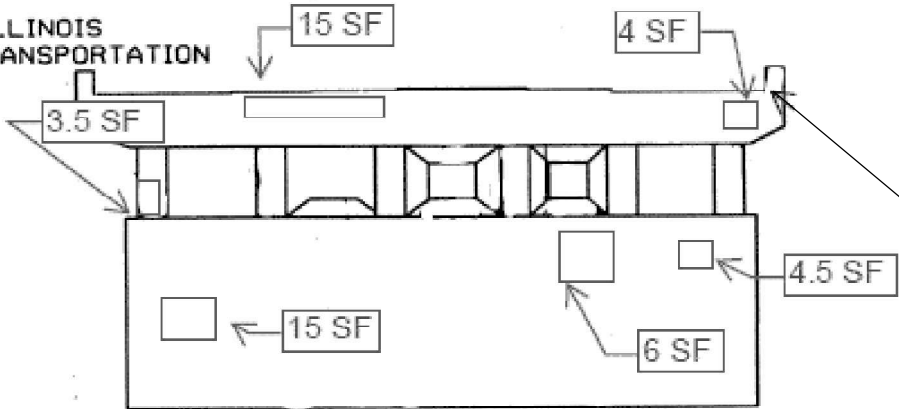
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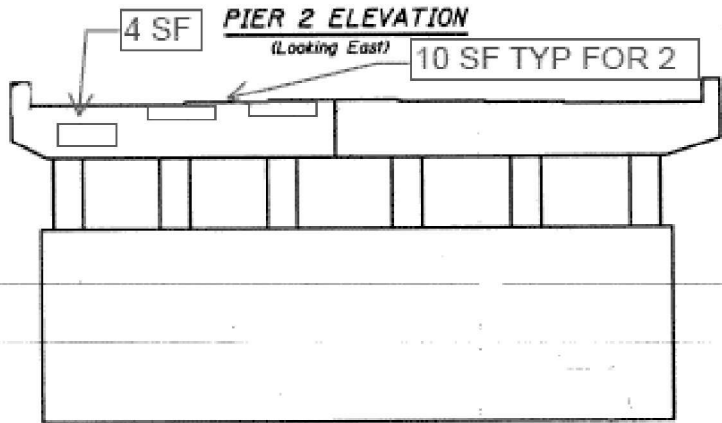
PIER 1 ELEVATION
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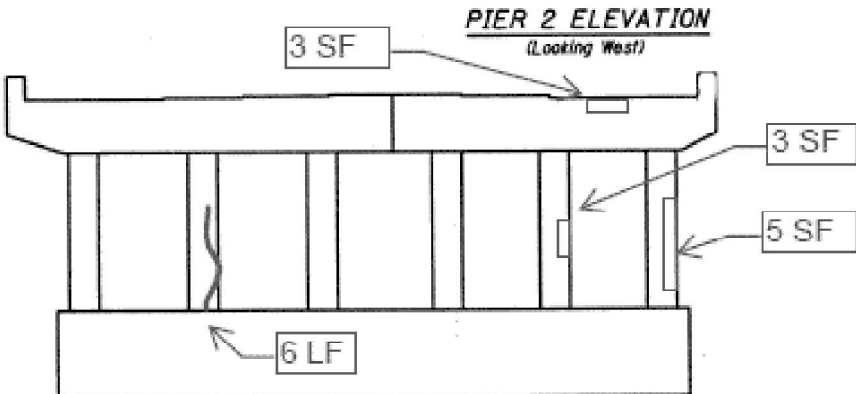
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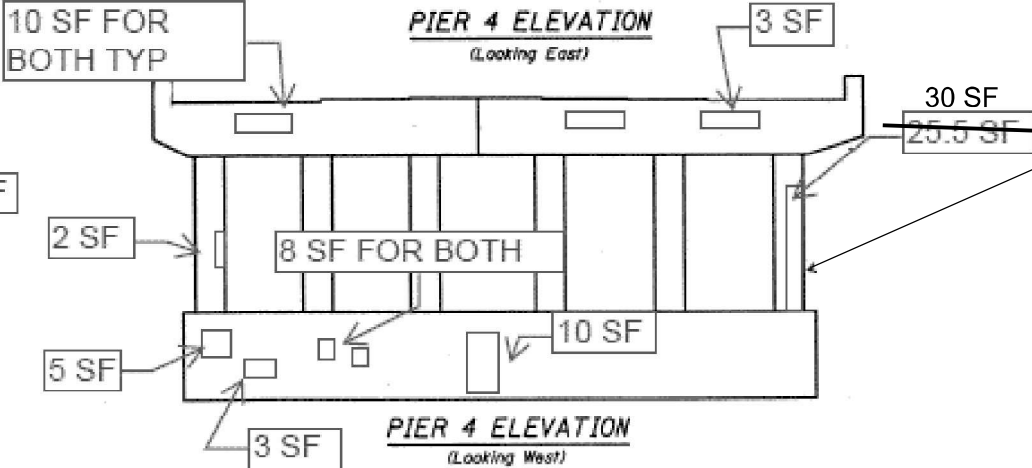
PIER 2 ELEVATION
(Looking East)



PIER 2 ELEVATION
(Looking West)



PIER 4 ELEVATION
(Looking East)



PIER 4 ELEVATION
(Looking West)

TEMPORARY SHORING AND CRIBBING

- LEGEND:**
- STRUCTURAL REPAIR CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCH)
 - EPOXY CRACK INJECTION

SEE SHEET 13 & 14 OF 38 FOR ADDITIONAL INFO.

SEE SHEET 9 OF 38 FOR REACTIONS.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	318.5
EPOXY CRACK INJECTION	FT	13.5
TEMPORARY SHORING AND CRIBBING	EACH	1

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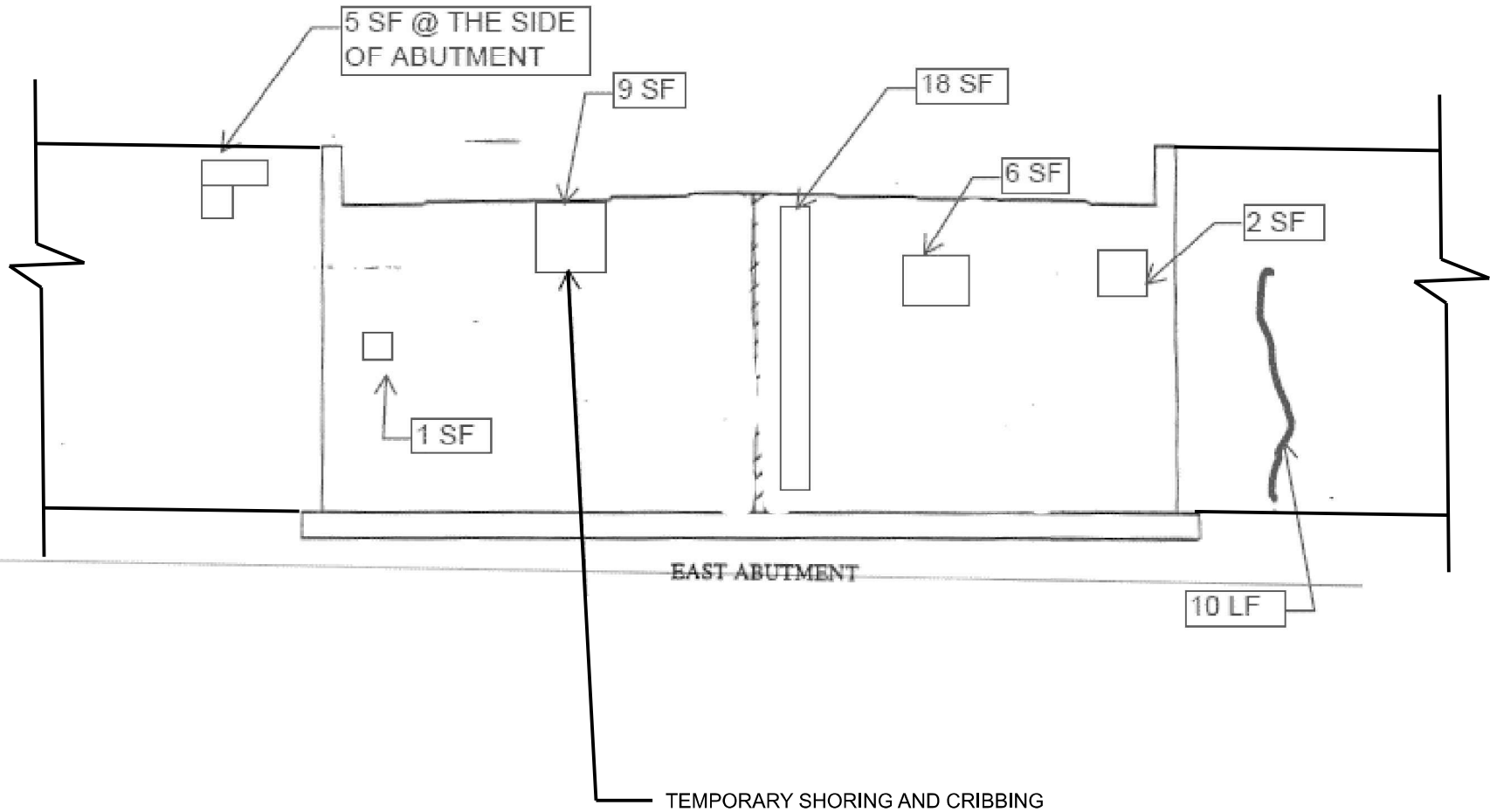
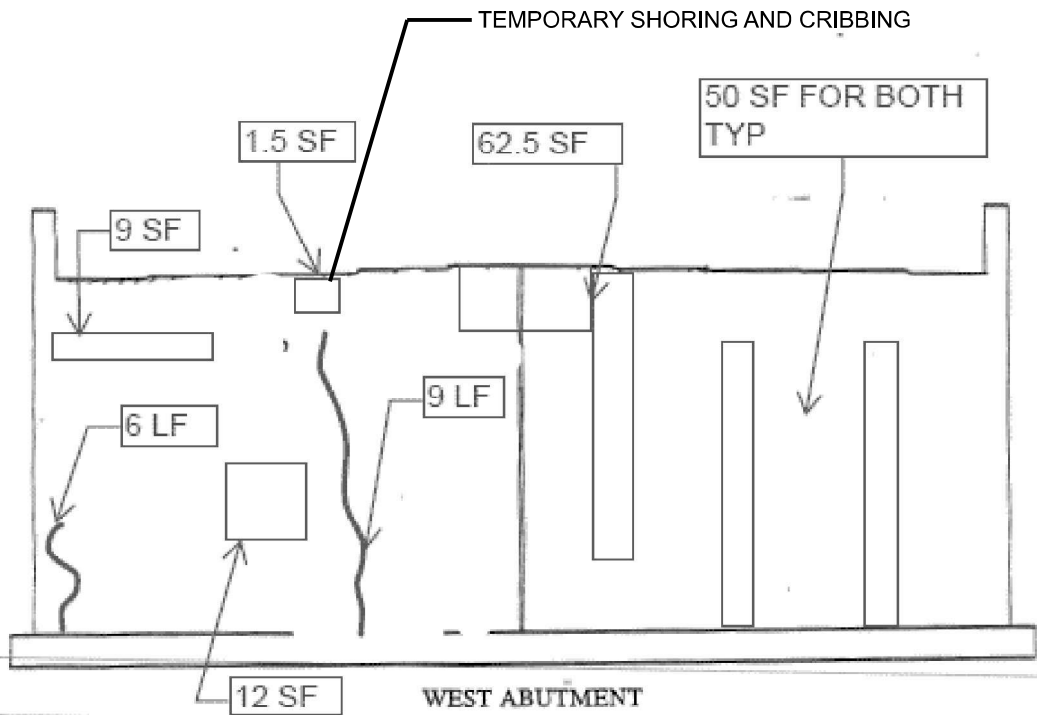
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEIR 1,2,3 AND 4 REPAIR PLAN (SN, 016-1152)
I-90/94 DAN RYAN EXPWY UNDER GARFIELD BLVD.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	10
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

MODEL: Sheet 4 [Sheet]
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SEE SHEET 9 OF 38 FOR REACTIONS

LEGEND:

- STRUCTURAL REPAIR CONCRETE
(DEPTH EQUAL TO OR LESS THAN 5 INCH)
- EPOXY CRACK INJECTION

BILL OF MATERIAL

ITEM	UNIT	TOTAL
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	176
EPOXY CRACK INJECTION	FT	25
TEMPORARY SHORING AND CRIBBING	EACH	2

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	CHECKED -	REVISED -
PLOT DATE = 12/5/2024	DATE -	REVISED -

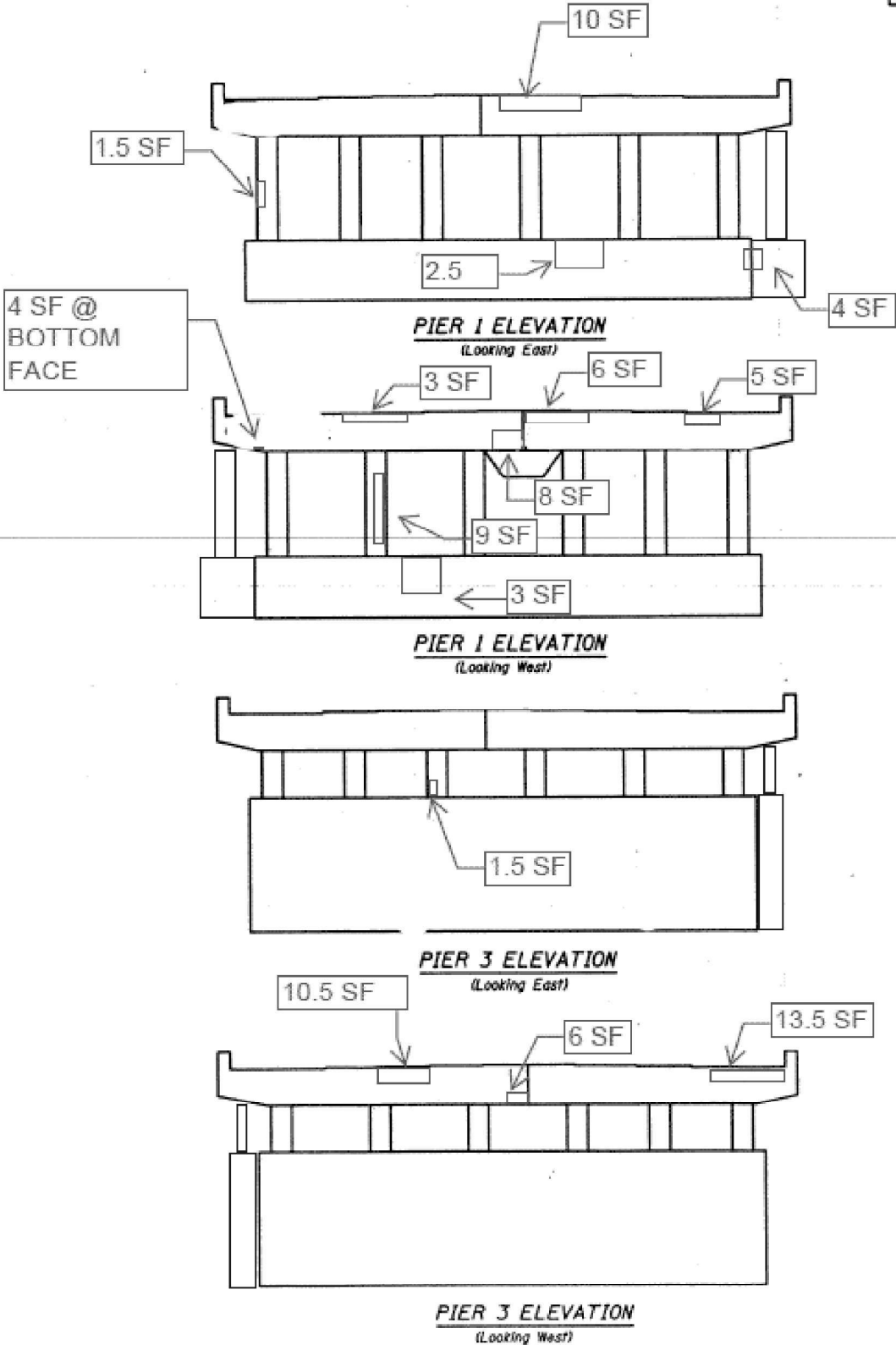
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST AND WEST ABUTMENT (SN. 016-1153)
I-90/94 DAN RYAN EXPWY. UNDER GARFIELD BLVD.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904+HB) BR 24	COOK	38	11
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

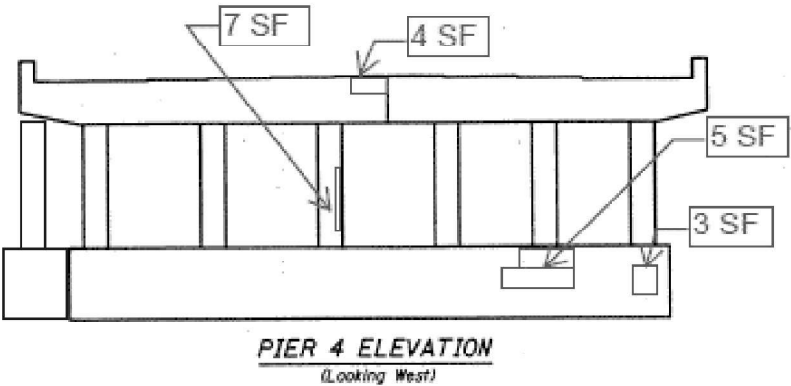
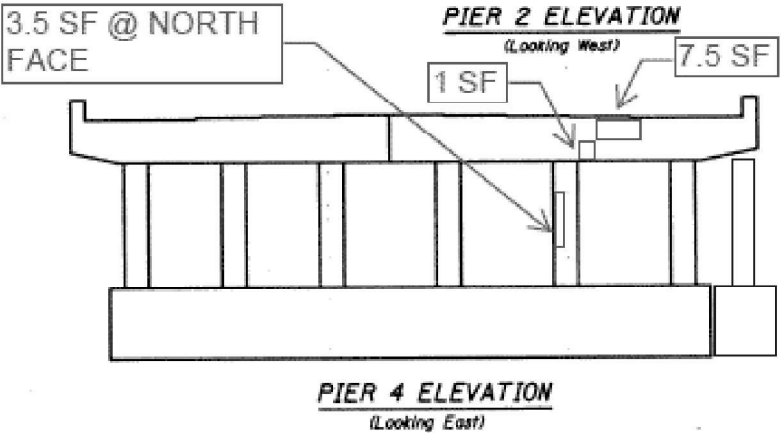
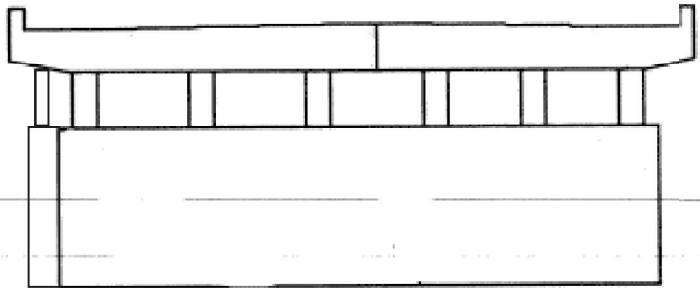
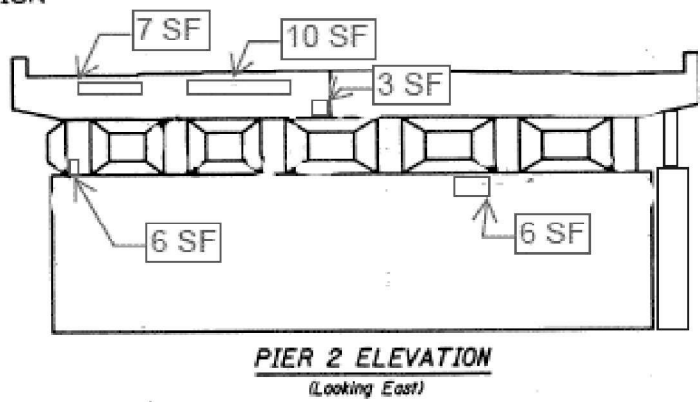
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SEE SHEET 9 OF 38 FOR REACTIONS

LEGEND:

STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)



BILL OF MATERIAL

ITEM	UNIT	TOTAL
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	150.5

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/5/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 1,2,3, & 4 REPAIR PLAN (SN 016-1153)
I-90/94 DAN EXPWY UNDER GARFIELD BLVD. (55TH ST.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	12
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

Plan dimensions and details relative to the existing structure have been taken from existing plans and 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 at the unit price bid for the work.

Reinforcement bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the contractor's expense.

The existing concrete surface shall be cleaned and prepared in accordance with the Special Provisions.

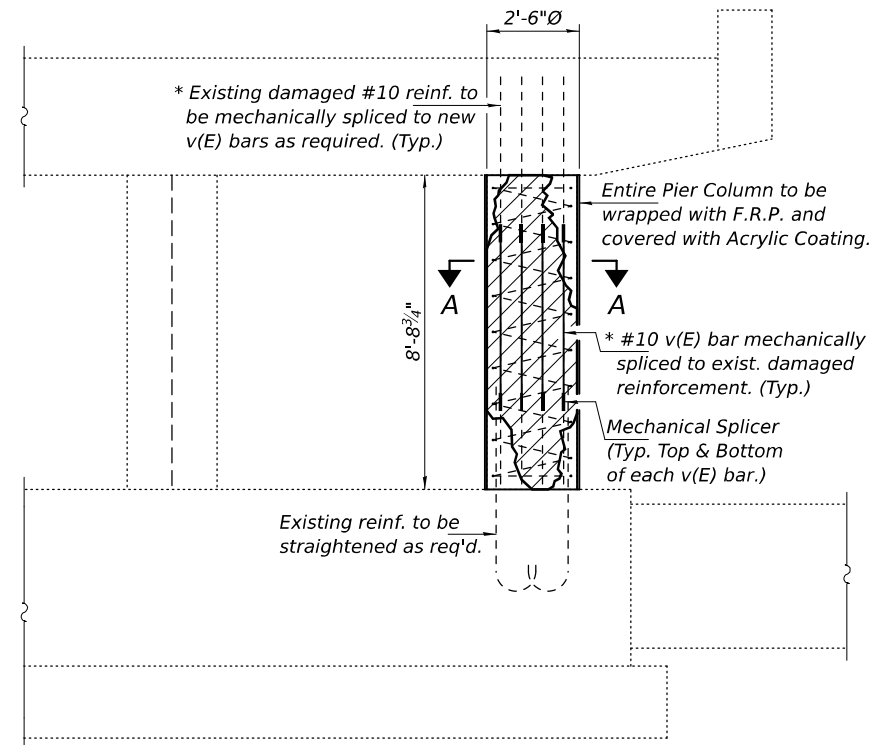
Acrylic Coating shall be placed over the fiber wrap repairs. Two coats shall be applied.

See Special Provisions for "FRP Strengthening".

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

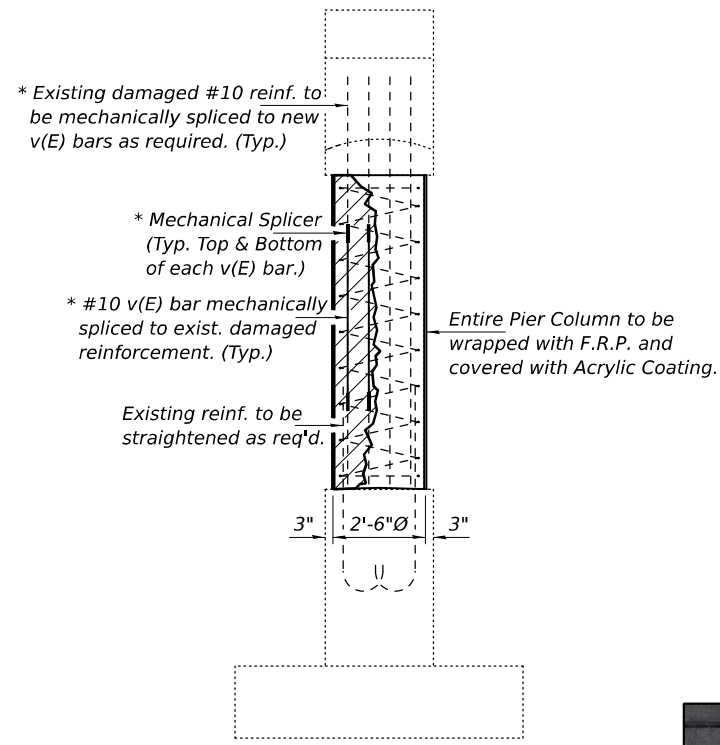
See approved list of mechanical splicers for alternatives.

Structural Steel $F_y=36$ ksi min. for HP14x73.



PIER 4 ELEVATION

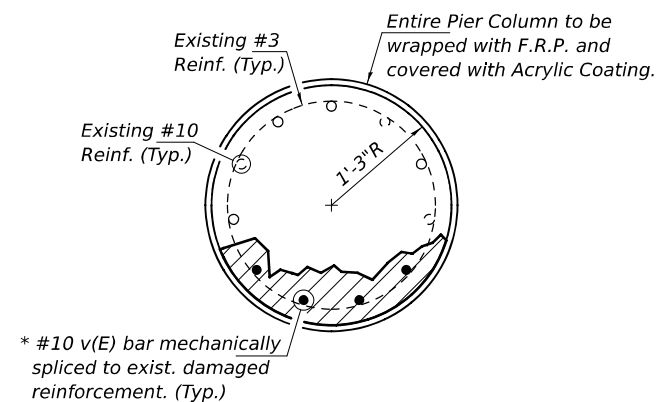
(Looking West)
(Temporary Shoring & Cribbing not
shown for clarity. See sheet 2 of 2.)



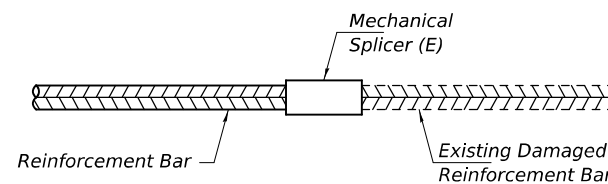
END VIEW

(Looking South)

Note:
Hatched areas indicate Structural
Repair of Concrete (Depth $\leq 5"$).



SECTION A-A



STANDARD MECHANICAL SPLICER

<i>Location</i>	<i>Bar size</i>	<i>No. assemblies required</i>
<i>Pier 4 Column</i>	<i>#10</i>	<i>* 8</i>



PICTURE OF PIER 4 DAMAGE

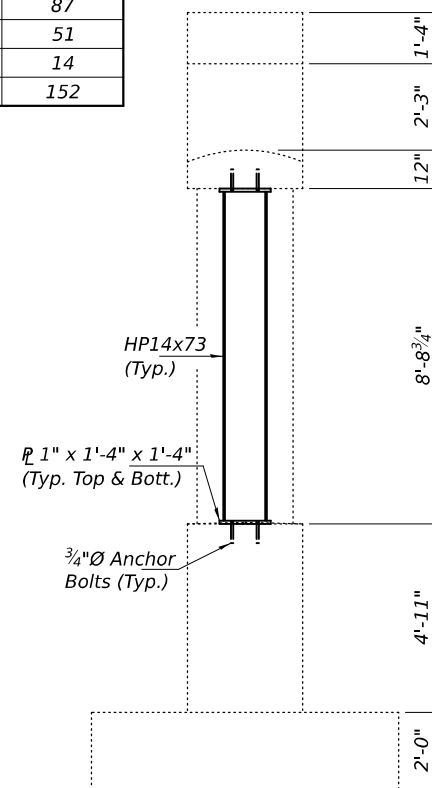
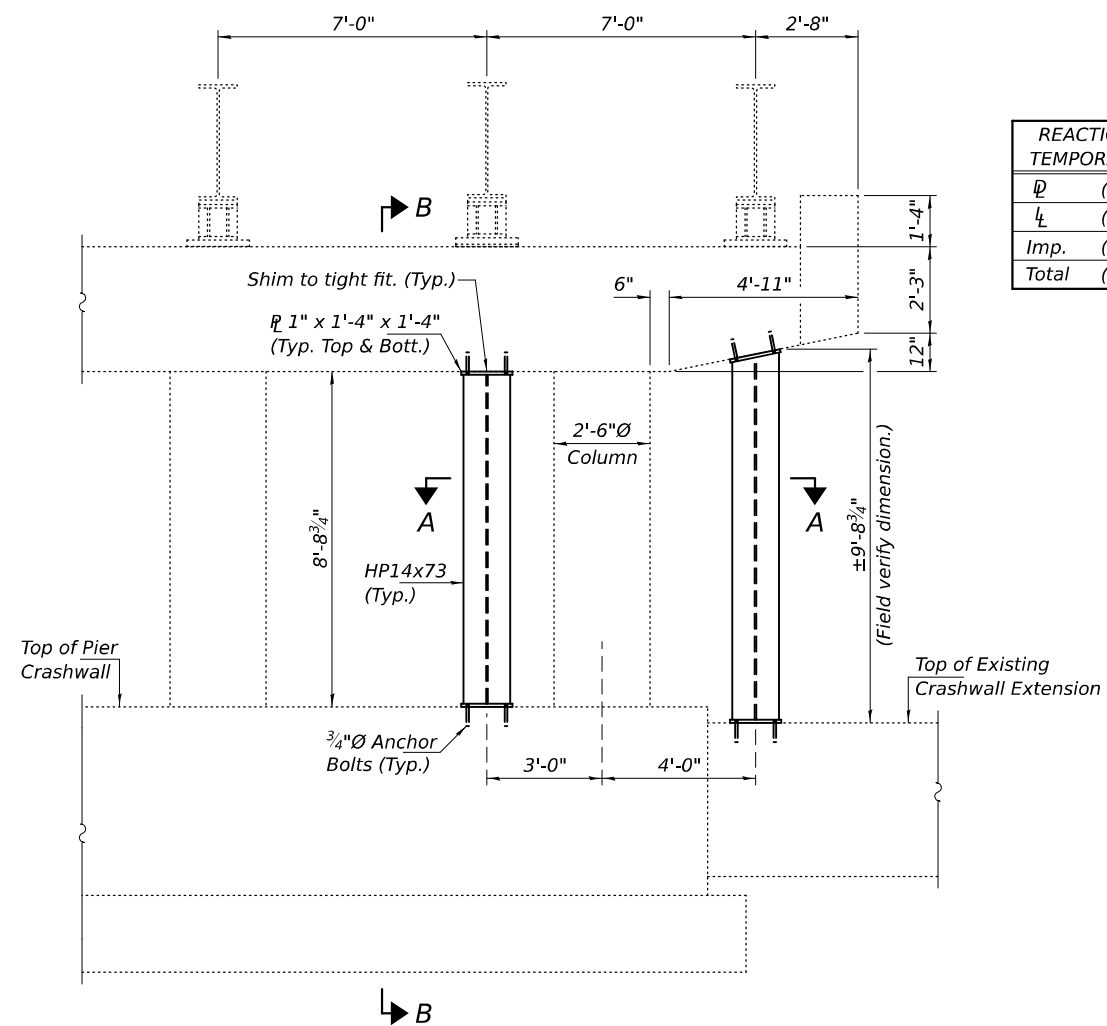
(Looking West)

* Quantity and length of #10 v(E) bars & quantity of Mechanical Splicers to be determined in the field.

** Quantity is estimated. Actual quantity to be determined in the field.

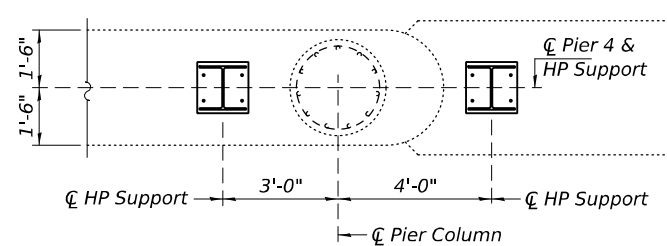
TOTAL BILL OF MATERIAL

	Bar	No.	Size	Length	Shape
*	v(E)	4	#10	8'-0"	————
**	Structural Repair of Concrete (Depth $\leq$ 5")			Sq. Ft.	30
*	Reinforcement Bars, Epoxy Coated			Pound	140
	Temporary Shoring & Cribbing			Each	1
*	Mechanical Splicers			Each	8
	Fiber Wrap			Sq. Ft.	68.6
	Acrylic Coating			Sa. Yd.	15.3

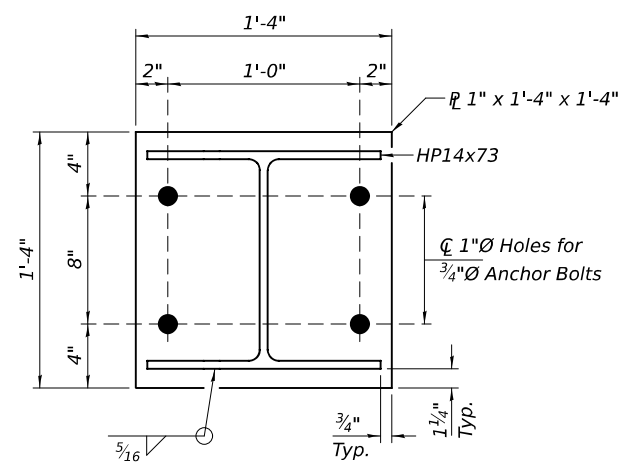


PIER 4 TEMPORARY SHORING & CRIBBING DETAILS

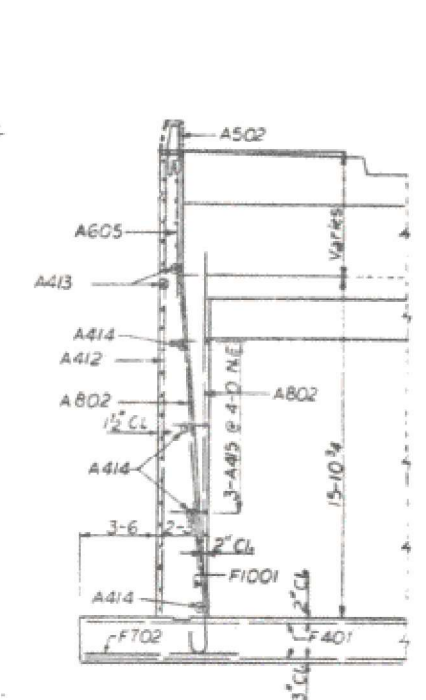
(Looking West)
(For Repair Details, see sheet 1 of 2.)



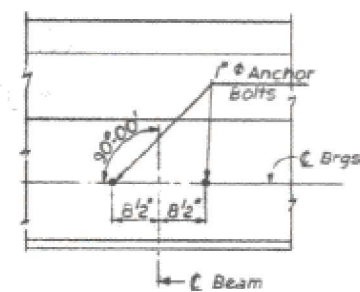
SECTION A-A



TOP & BOTTOM PLATE DETAILS



SECTION C-C



A diagram of a polygon with interior angles labeled $\frac{3}{4}\pi$ and $\frac{1}{5}\pi$.

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and labels. The drawing includes a top view and a side view. Key dimensions include a total width of 2-3, a height of 6, and a depth of 3. Labels include A414, A8Q2, A8Q1, A415, A413, A401, and BOPV.

SECTION D-D

BILL OF MATERIAL									
Mark	No. Req'd	Size	Length	Shape	Mark	No. Req'd	Size	Length	Shape
*1B1001	84	#10	7-11		*1BA401	17	#4	14-2	=====
1BF901	85	#9	9-10	=====	1BA402	46	#4	2-3	=====
					1BA403	15	#4	10-12	=====
1BF101	38	#7	12-6	=====	1BA404	2	#4	10-1	=====
1BF102	51	#7	5-6	=====	1BA405	3	#4	6-7	=====
					1BA406	13	#4	1-1	=====
1BF401	32	#4	32-0	=====	1BA407	27	#4	2-6	=====
1BF402	4	#4	9-0	=====	1BA408	27	#4	2-0	=====
					1BA409	4	#4	2-2	=====
					1BA410	14	#4	2-2	=====
1BA601	78	#8	12-6	=====	1BA411	4	#4	9-2	=====
1BA602	6	#8	14-10	=====	1BA412	2	#4	21-2	=====
1BA601	59	#6	9-0	=====	1BA413	28	#4	7-4	=====
1BA602	4	#6	29-0	=====	1BA414	4	#4	4-6	=====
1BA603	4	#6	32-0	=====	1BA415	3	#4	4-9	=====
1BA604	4	#6	25-0	=====					
1BA605	4	#6	6-9	=====					
1BA501	39	#5	7-6		Class "X" Concrete Reinforcement Bars			Cu. Yds.	15.6
1BA502	7	#5	6-8					Lbs.	15100

For Construction and Expansion Joint see Sh. 22
For Section Showing Porous Granular
Embankment See Sh. 22
* See Note 'A' On Sh. 6

F.A.J RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	15
		CONTRACT NO. 62X24		
ILLINOIS		FED. AID PROJECT		

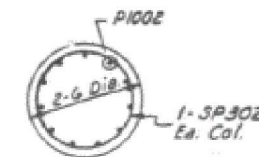
MODEL: Sheet 11 (Sheet)
FILE NAME: c:\paw\work\labebaw\10265720\100925-sh1typical.dgn

NOTE
In placing reinforcement bars
care shall be taken to clear
anchor bolts

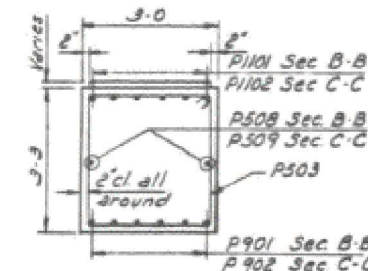
TOP PLAN

ELEVATION

FOOTING PLAN

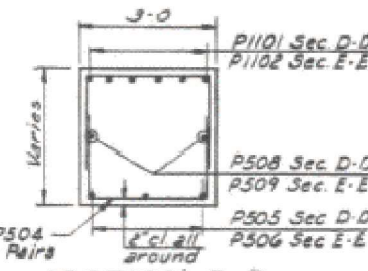


SECTION A-A



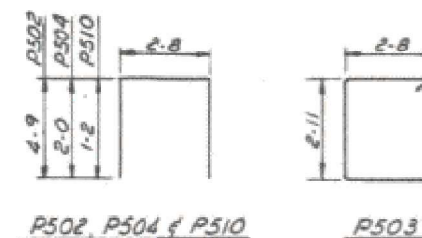
SECTION B-B

SECTION C-C



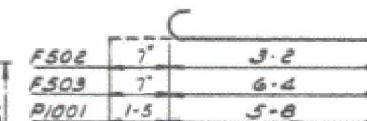
SECTION D-D

SECTION E-E

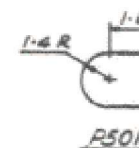


P502, P504 & P510

P503



F502, F503 & P1001



R501

BILL OF MATERIAL

Mark	No. Req'd. Pier 1	Pier 4	Size	Length	Shape
23 F501	16	16	#5	28-6	
23 F502	104	104	#5	3-9	
23 F503	2	2	#5	6-11	
23 F601	36	36	#6	7-6	
23 P401	16	16	#4	26-0	
23 P501	14	14	#5	6-6	
23 P502	32	32	#5	12-2	
23 P503	44	44	#5	12-2	
P504	18	18	#5	6-8	
23 P505	3	3	#5	4-3	
23 P506	3	3	#5	2-7	
23 P507	2	2	#5	3-3	
23 P508	2	2	#5	30-7	
23 P509	2	2	#5	25-3	
23 P510	6	6	#5	3-0	
23 P601	10	10	#6	26-6	
23 P901	6	6	#9	27-6	
23 P902	6	6	#9	24-0	
23 P1001	66	66	#10	7-1	
23 P1002	66	66	#10	11-9	
23 P1101	6	6	#11	30-7	
23 P1102	6	6	#11	25-2	

Item	Unit	Quantity
Class X Concrete	Cu Yd	53.6
Reinforcement Bars	Lb	12,190

Mark	No. Req'd. Pier 1	Pier 4	Size	Length	Pitch	No. of Turns at Core Dia.	Core Dia.
SP302	6	6	#3	8-10	12"	12	26"

Use 3 Spacers for each Spiral unit.
Spacers may be channels, tees, or angles.
A weight of 0.80#/ft. of Spacer is included
in the total weight of reinforcing steel.
1/2 closed coils at each end of the Spiral
are figured.

NOTES:
E.F. - Each Face
E.E. - Each End
For anchor bolt and bearing details
see Sh No 12.
All edges shall have standard 3/4"
chamfer except footing

FOR INFORMATION ONLY

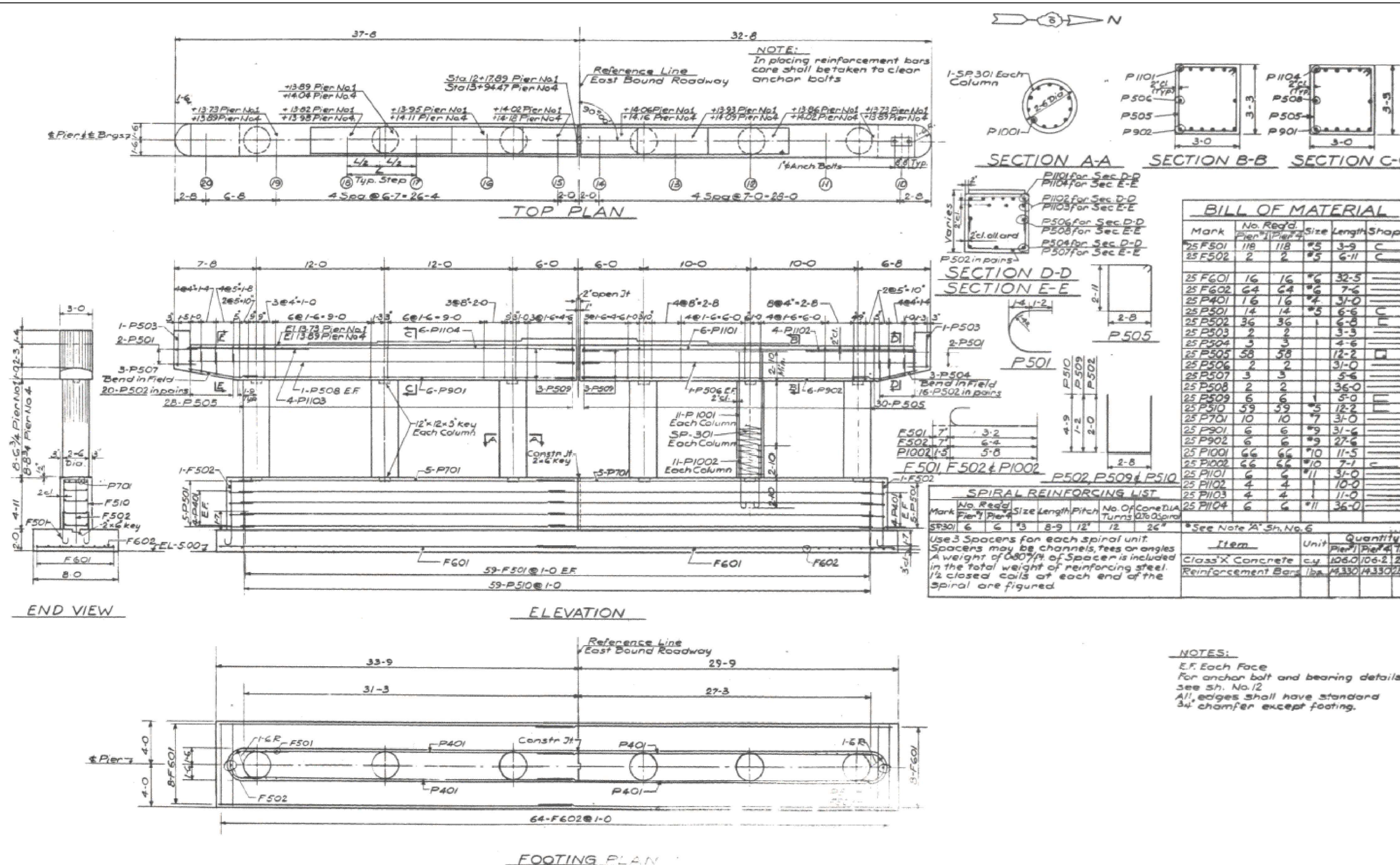
USER NAME = addis.abebaw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/22/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

W. GARFIELD BLVD. STRUCTURE (016-1153)
WESTBOUND ROADWAY
PIERS 1 & 4

SCALE: SHEET Sheet 11 OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	19
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

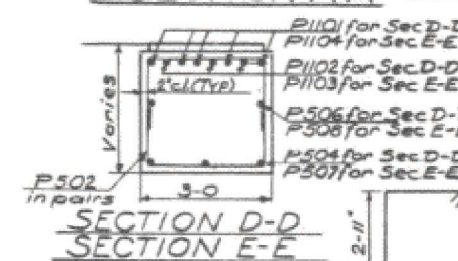
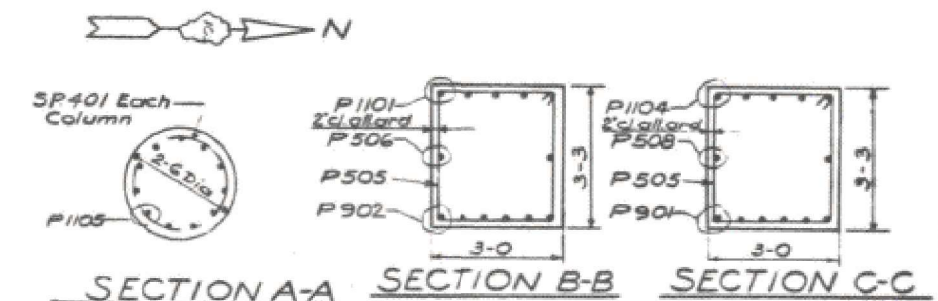
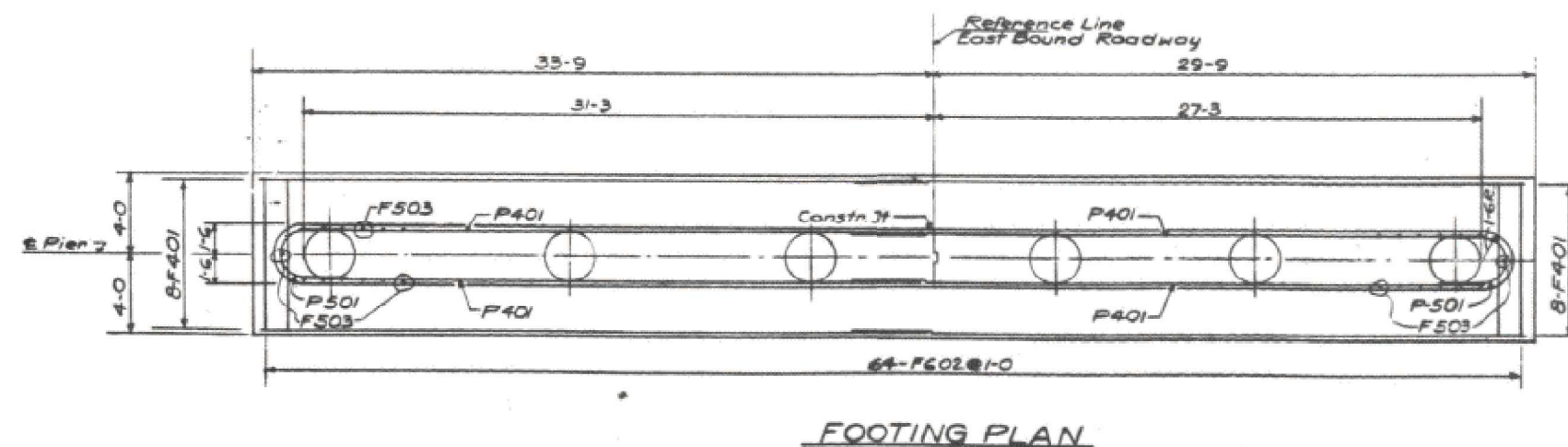
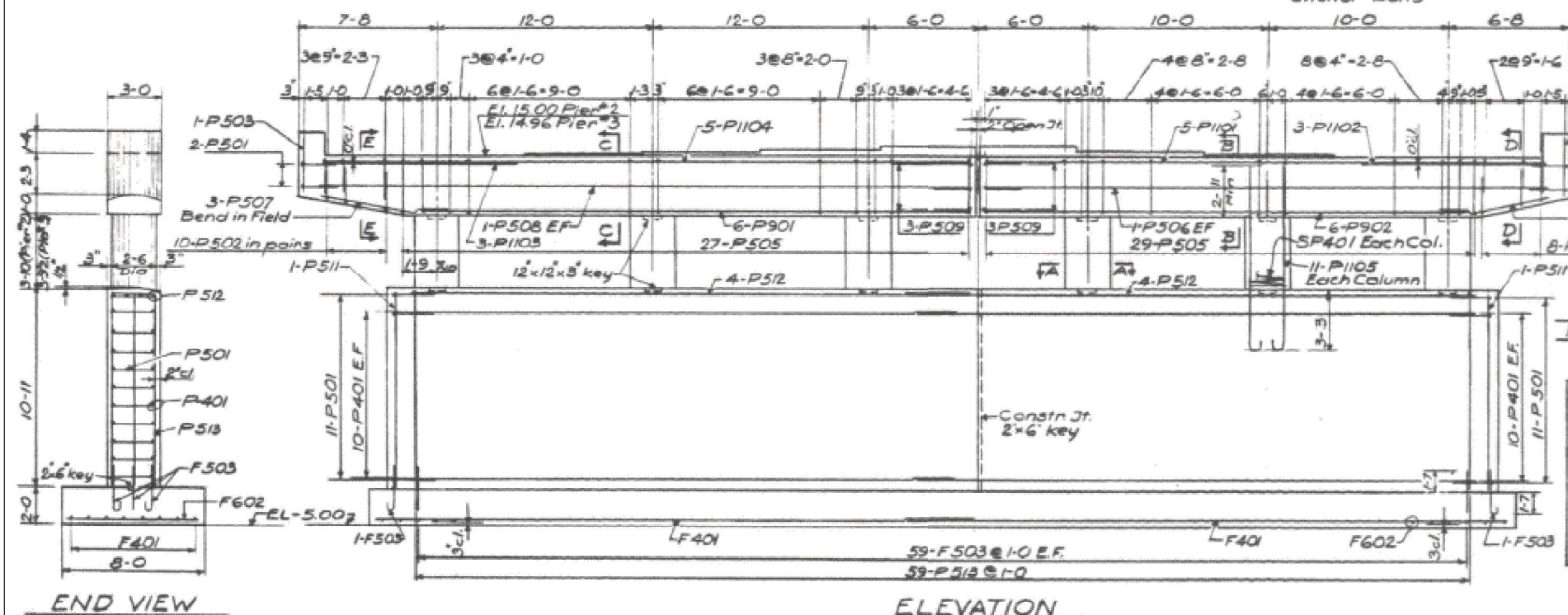
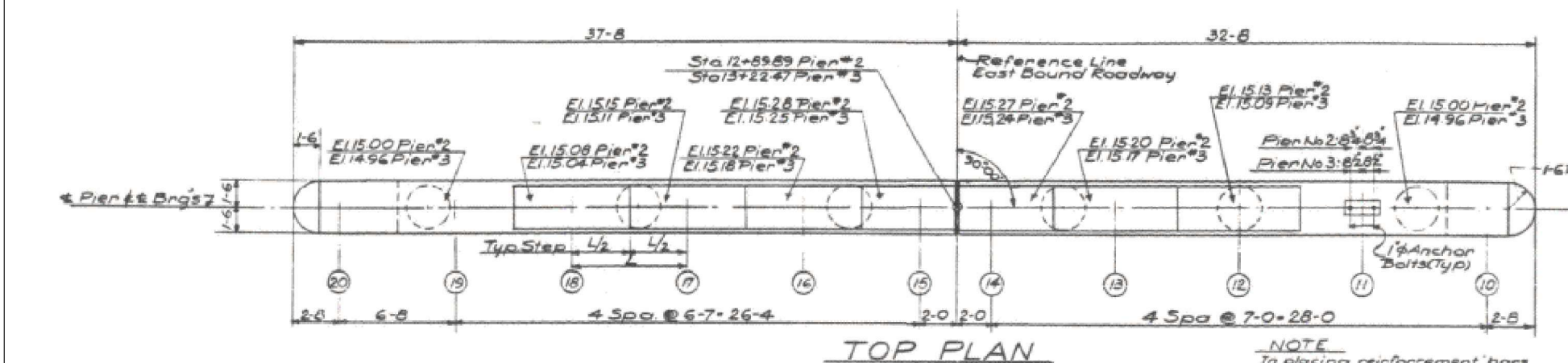
W. GARFIELD BLVD. STRUCTURE (016-1152)
EASTBOUND ROADWAY
PIERS NO. 1 & 4

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	21
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

USER NAME = addis.abebeaw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/22/2024	DATE -	REVISED -

SCALE: SHEET Sheet 13 OF SHEETS STA. TO STA.

MODEL: Sheet 13 [Sheet]
FILE NAME: c:\pwworking\addis.abebeaw\10265720\100925-shrtypical.dgn



BILL OF MATERIAL					
Mark	No. Req'd. Pier #2	Pier #3	Size	Length	Shape
26 F401	16	16	*4	32-3	=====
26 F503	120	120	*5	3-9	=====
26 F602	64	64	*6	7-6	=====
26 P401	40	40	*4	31-0	=====
26 P501	26	26	*5	6-6	C=====
26 P502	18	18	1	6-8	C=====
26 P503	2	2		3-3	=====
26 P504	3	3		4-7	=====
26 P505	36	36		12-2	□=====
26 P506	2	2		31-0	=====
26 P507	3	3		5-7	=====
26 P508	2	2		36-0	=====
26 P509	6	6		5-0	C=====
26 P511	2	2		10-8	=====
26 P512	8	8	1	30-6	=====
26 P513	59	59	*5	24-0	C=====
26 P901	6	6	*9	31-6	=====
26 P902	6	6	*9	27-6	=====
26 P1101	5	5	*11	30-10	=====
26 P1102	3	3	1	10-0	=====
26 P1103	3	3		11-0	=====
26 P1104	5	5	1	35-10	=====
26 P1105	66	66	*11	11-7	=====

SPIRAL REINFORCING LIST						
Mark	No. Rebar Per 2 Feet	Size	Length	Pitch	No. Of Turns	Core Dia Or O.D. Spacing
SP401	6	#4	3-10	3"	15	26"

Use 3 Spacers for each Spiral
 Spacers may be channels, Tee
 A weight of 0.80/lb of Spacer
 in the total weight of rebar
 1/2 closed coils at each end
 Spiral are figured.

NOTES:
E.F. - Each Face
For anchor bolt and bearing details
see sht No.12
All edges shall have standard
3/4 chamfer except footing.

FOR INFORMATION ONLY

USER NAME = addis.abebay	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/22/2024	DATE -	REVISED -

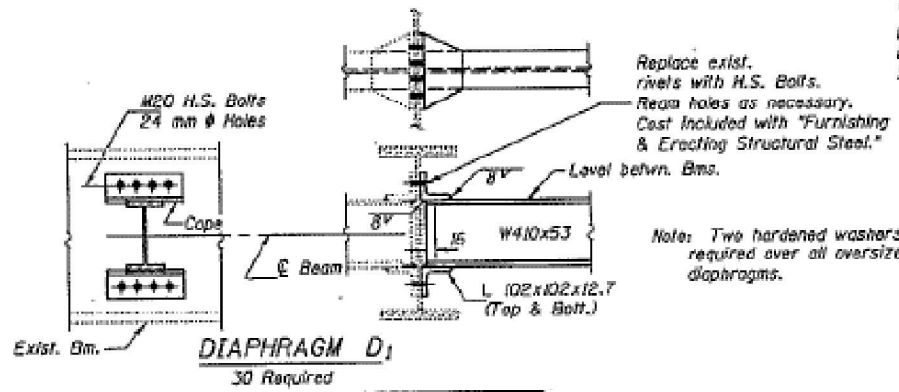
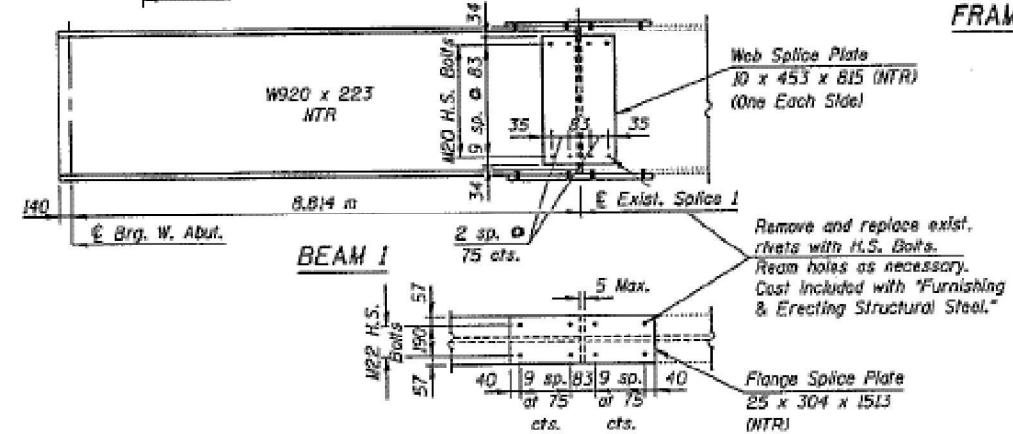
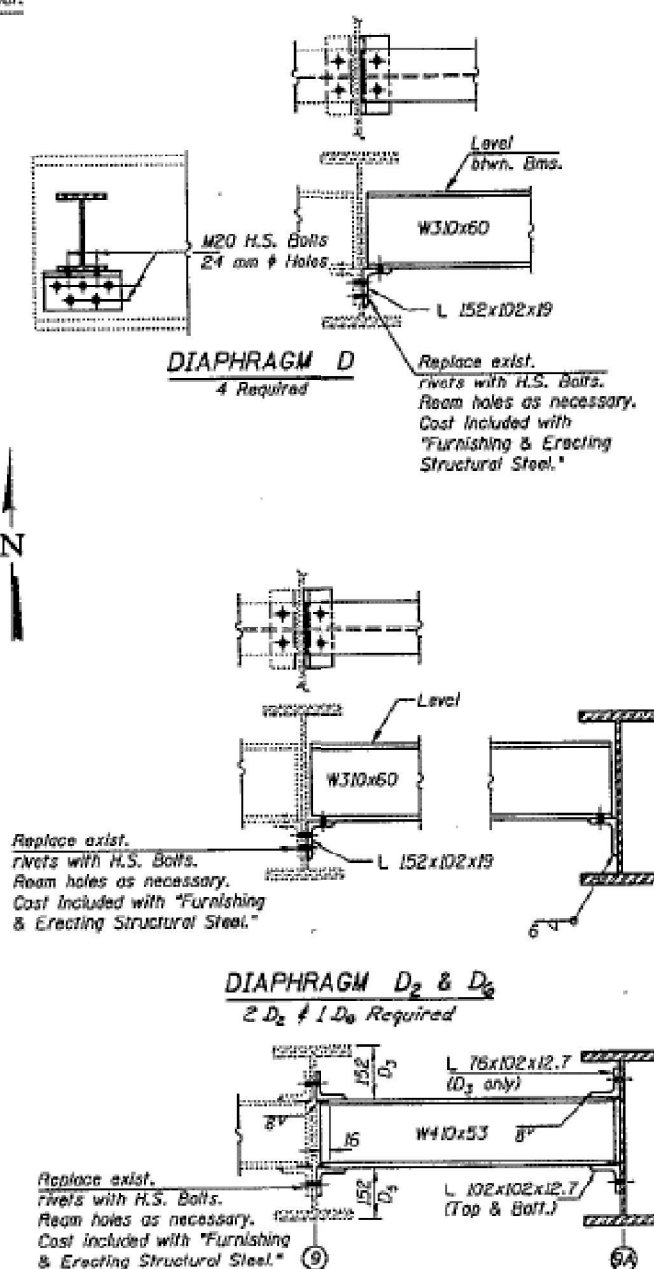
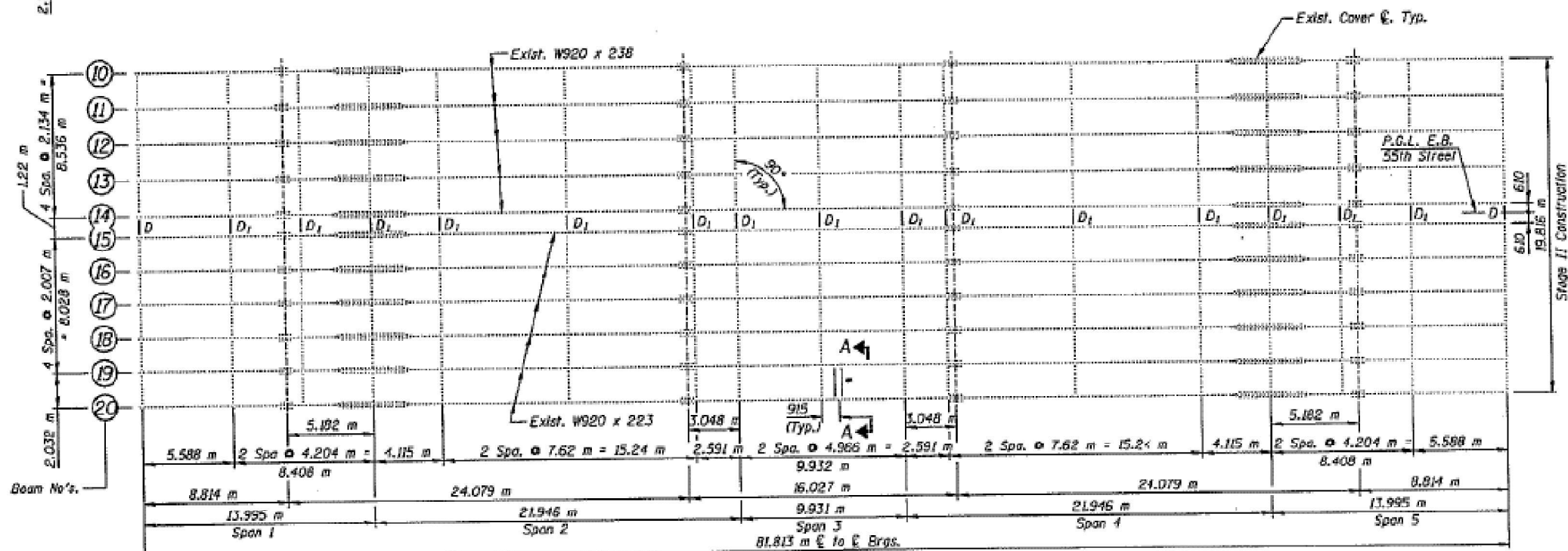
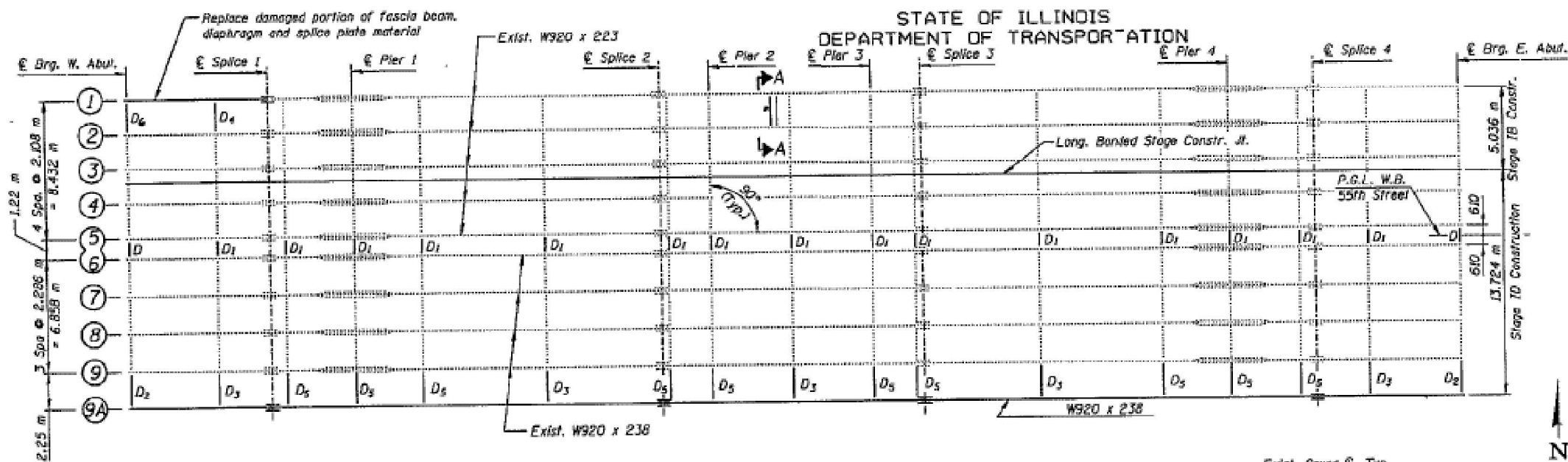
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**W. GARFIELD BLVD. STRUCTURE (016-1152)
EASTBOUND ROADWAY
PIERS NO. 2 & 3**

SCALE:	SHEET	Sheet 14 OF	SHEETS	STA.	TO STA.
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	22
		CONTRACT NO. 62X24		
ILLINOIS		FED. AID PROJECT		

MODEL: Sheet 15 (Sheet)
FILE NAME: c:\pwworking\addis\abebaw\1026720\100925-sh15typical.dgn



FOR INFORMATION ONLY

FRAMING PLAN
55TH STREET (GARFIELD BLVD.) OVER
F.A.I. ROUTE 94
SECTION 2021-904HB-R
COOK COUNTY
STATION 10+398.218
S.N. 016-1152 & 106-1153

USER NAME	= addis.abebaw	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVIS	-
CHECKED	-	REVIS	-	REVIS	-
DATE	-	REVIS	-	REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GARFIELD BLVD. STRUCTURE (016-1152 & 016-1153)
FRAMING PLAN

SCALE: SHEET 15 OF SHEETS STA. TO STA.

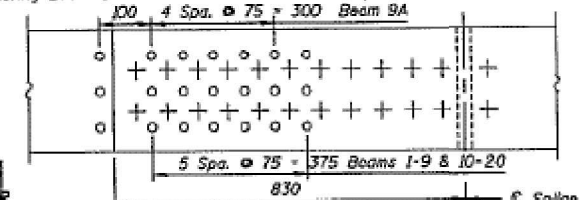
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	23
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERIOR BEAM MOMENT TABLE (W920 x 238)					NEW EXTERIOR BEAM MOMENT TABLE (W920 x 238)					EXISTING INTERIOR BEAM MOMENT TABLE (W920 x 223)				
	0.4 Sp. 1 & 0.6 Sp. 5	Pier 1 & 4 0.5 Sp. 2 & 0.5 Sp. 4	Pier 2 & 3	0.5 Sp. 3		0.4 Sp. 1 & 0.6 Sp. 5	Pier 1 & 4 0.5 Sp. 2 & 0.5 Sp. 4	Pier 2 & 3	0.5 Sp. 3		0.4 Sp. 1 & 0.6 Sp. 5	Pier 1 & 4 0.5 Sp. 2 & 0.5 Sp. 4	Pier 2 & 3	0.5 Sp. 3
I_s (10^6 mm^4)	4,058	5,781	4,058	4,058	I_s (10^6 mm^4)	4,060	4,060	4,060	4,060	I_s (10^6 mm^4)	3,763	3,763	3,763	3,763
I_c (n) (10^6 mm^4)	10,150	-	10,150	-	I_c (n) (10^6 mm^4)	9,988	-	9,988	-	I_c (n) (10^6 mm^4)	9,452	-	9,452	-
I_c (3n) (10^6 mm^4)	7,474	-	7,474	-	I_c (3n) (10^6 mm^4)	7,286	-	7,286	-	I_c (3n) (10^6 mm^4)	6,936	-	6,936	-
S_s (10^3 mm^3)	8,876	12,260	8,876	8,876	S_s (10^3 mm^3)	8,874	8,874	8,874	8,874	S_s (10^3 mm^3)	8,267	8,267	8,267	8,267
S_c (n) (10^3 mm^3)	12,610	-	12,610	-	S_c (n) (10^3 mm^3)	12,600	-	12,600	-	S_c (n) (10^3 mm^3)	11,810	-	11,810	-
S_c (3n) (10^3 mm^3)	11,430	-	11,430	-	S_c (3n) (10^3 mm^3)	11,360	-	11,360	-	S_c (3n) (10^3 mm^3)	10,680	-	10,680	-
Q (kN/m)	13.90	18.70	13.90	18.70	Q (kN/m)	14.10	18.90	14.10	18.90	Q (kN/m)	12.80	17.60	12.80	17.60
M_R (kN-m)	98	741	368	481	M_R (kN-m)	118	685	385	503	M_R (kN-m)	88	675	323	440
M_P (kN-m)	4.80	-	4.80	-	M_P (kN-m)	4.80	-	4.80	-	M_P (kN-m)	4.80	-	4.80	-
M_{sP} (kN-m)	45	-	151	-	M_{sP} (kN-m)	51	-	156	-	M_{sP} (kN-m)	45	-	151	-
M_L (kN-m)	426	371	650	326	M_L (kN-m)	403	308	611	309	M_L (kN-m)	394	340	600	300
M (Imp) (kN-m)	119	97	157	88	M (Imp) (kN-m)	114	80	148	83	M (Imp) (kN-m)	109	89	145	81
M_2 (kN-m)	908	780	1,345	689	M_2 (kN-m)	861	647	1,264	653	M_2 (kN-m)	839	715	1,242	635
M_3 (kN-m)	1,367	1,977	2,422	1,521	M_3 (kN-m)	1,331	1,732	2,347	1,503	M_3 (kN-m)	1,264	1,807	2,231	1,398
M_4 (kN-m)	-	-	-	-	M_4 (kN-m)	-	-	-	-	M_4 (kN-m)	-	-	-	-
f_s (non-comp) (MPa)	11	60	41	54	f_s (non-comp) (MPa)	13	77	43	57	f_s (non-comp) (MPa)	11	60	39	53
f_s (comp) (MPa)	4	-	13	-	f_s (comp) (MPa)	5	-	14	-	f_s (comp) (MPa)	4	-	14	-
f_s^2 (kN-m)	72	64	107	78	f_s^2 (kN-m)	68	73	100	74	f_s^2 (kN-m)	72	63	105	77
f_s (Overload) (MPa)	87	124	161	132	f_s (Overload) (MPa)	86	150	158	130	f_s (Overload) (MPa)	87	123	158	130
f_s (Total) (MPa)	113	161	210	171	f_s (Total) (MPa)	112	195	205	169	f_s (Total) (MPa)	113	160	205	169
VR (kN)	270	-	286	-	VR (kN)	223	-	238	-	VR (kN)	251	-	265	-

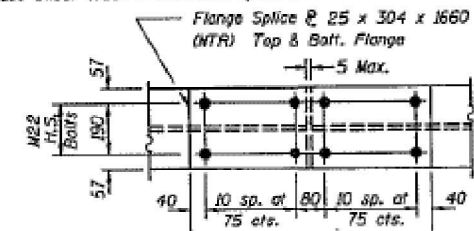
TOP OF BEAM ELEVATIONS													
Beam Number	E. Brg. W. Abut.	E. Field Splice 1	E. Field Splice 2	E. Pier 1	E. Field Splice 3	E. Pier 2	E. Field Splice 4	E. Pier 3	E. Field Splice 5	E. Pier 4	E. Field Splice 6	E. Drg. E. Abut.	E. Drg. E. Abut.
1	5.191	5.453	5.550	5.889	5.192	5.888	5.901	5.590	5.509	5.284			
2	5.191	5.458	5.550	5.889	5.192	5.888	5.901	5.590	5.509	5.284			
3	5.112	5.480	5.572	5.910	5.113	5.919	5.912	5.611	5.529	5.285			
4	5.233	5.502	5.596	5.921	5.234	5.941	5.914	5.636	5.550	5.301			
5	5.250	5.521	5.618	5.953	5.258	5.965	5.950	5.657	5.572	5.328			
6	5.250	5.521	5.618	5.953	5.258	5.965	5.950	5.657	5.572	5.328			
7	5.213	5.502	5.593	5.911	5.213	5.911	5.914	5.633	5.547	5.307			
8	5.202	5.477	5.569	5.907	5.210	5.916	5.919	5.608	5.523	5.282			
9	5.191	5.453	5.550	5.889	5.189	5.898	5.898	5.590	5.505	5.284			
10	5.183	5.439	5.532	5.869	5.171	5.875	5.881	5.570	5.485	5.265			
11	5.130	5.398	5.492	5.831	5.134	5.843	5.843	5.541	5.456	5.230			
12	5.148	5.416	5.511	5.849	5.852	5.861	5.861	5.556	5.474	5.243			
13	5.169	5.430	5.522	5.870	5.874	5.883	5.883	5.581	5.496	5.270			
14	5.191	5.462	5.554	5.895	5.898	5.904	5.904	5.602	5.517	5.291			
15	5.215	5.483	5.575	5.916	5.919	5.928	5.931	5.624	5.541	5.316			
16	5.215	5.483	5.575	5.916	5.919	5.928	5.931	5.624	5.541	5.316			
17	5.194	5.462	5.556	5.895	5.898	5.907	5.910	5.602	5.520	5.294			
18	5.173	5.441	5.535	5.874	5.876	5.885	5.885	5.534	5.459	5.273			
19	5.151	5.419	5.514	5.852	5.855	5.864	5.867	5.543	5.477	5.252			
20	5.130	5.398	5.493	5.834	5.834	5.843	5.846	5.541	5.456	5.230			

*For Fabrication use only.
Existing Beam Elevations are for information only.



PLAN - TOP SPLICE PLATE

Place Shear studs in between splice bolts.



FIELD SPLICE DETAIL

BEAM DETAILS

55TH STREET (GARFIELD BLVD.) OVER

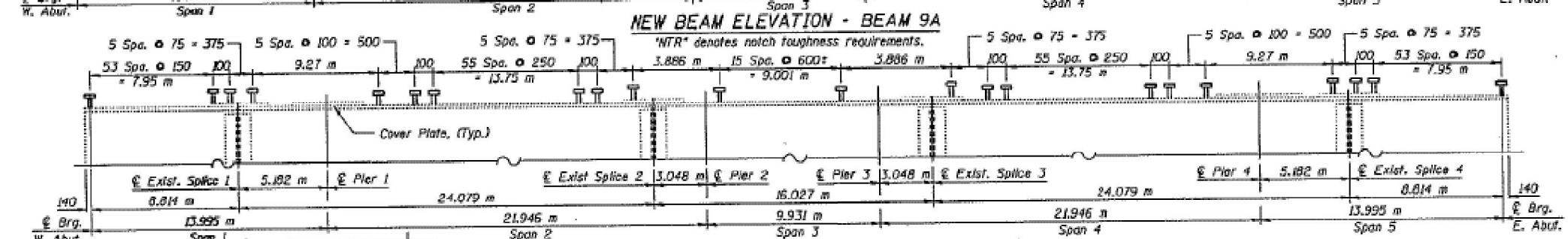
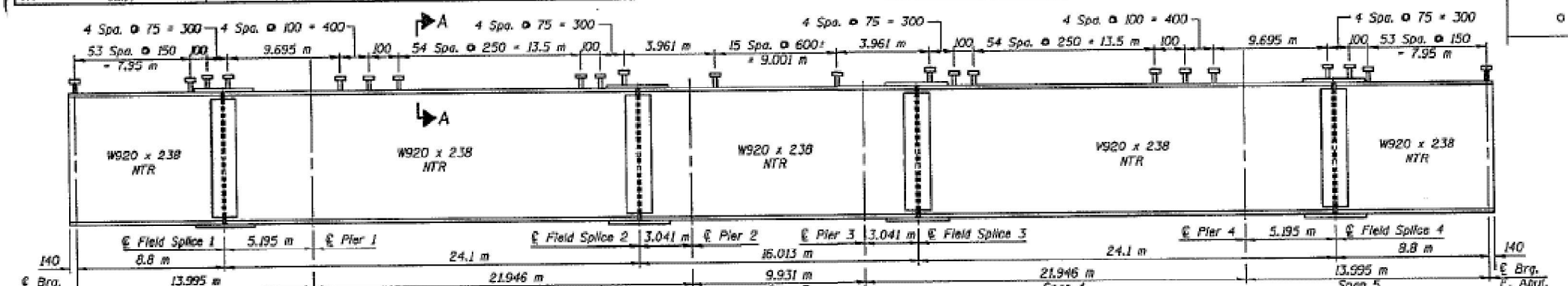
F.A.I. ROUTE 94

SECTION 2021-904HB-R

COOK COUNTY

STATION 10+398.218

S.N. 016-1152 & 016-1153



SECTION A-A

**For 2.286 m Beam Spacing

EXISTING INTERIOR BEAM REACTION TABLE (W920 x 238)**				NEW EXTERIOR BEAM REACTION TABLE (W920 x 238)				EXISTING INTERIOR BEAM REACTION TABLE (W920 x 223)			
	Abut.	Pier 1 or 4	Pier 2 or 3		Abut.	Pier 1 or 4	Pier 2 or 3		Abut.	Pier 1 or 4	Pier 2 or 3
$R_R + R_S$ (kN)	76	388	277	$R_R + R_S$ (kN)	80	381	281	$R_R + R_S$ (kN)	72	367	262
R_L (kN)	188	225	237	R_L (kN)	155	196	200	R_L (kN)	175	212	220
Imp. (kN)	55	62	68	Imp. (kN)	46	54	57	Imp. (kN)	51	58	63
R (Total) (kN)	319	679	581	R (Total) (kN)	271	630	538	R (Total) (kN)	298	636	544

I_s and S_s are the moment of inertia and section modulus of the steel section used in computing f_s (Total & Overload).
 I_c and S_c are the moment of inertia and section modulus of the composite section used in computing stresses due to live load.
 I_{c3n} and S_{c3n} are the moment of inertia and section modulus of the composite section used in computing stresses due to VR.
VR is the maximum live Load + Impact shear range in span.
 M_0 (Applied Moment) = $L_3 M_R + M_{sP} + \frac{1}{2} M_L + I_1$.
 f_s (Overload) is the sum of the stresses due to $M_R + M_{sP} + \frac{1}{2} M_L + I_1$.
 f_s (Total) is the sum of the stresses due to $L_3 M_R + M_{sP} + \frac{1}{2} M_L + I_1$.

All end of top cover plate locations shall be inspected, by the Engineer, for cracks when the deck is removed. If any cracks are found, the Bureau of Bridges and Structures shall be contacted for further disposition.

CONTRACT # 62733
LT6 CONT "T1"

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2004-16	COOK	216	86
STA. 1458+50.00 TO STA. 1471+00.00				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

62733

NOTES:

- SEE DRAWINGS ME-01 AND ME-02 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACT NO. 62586.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED ITEMS AND WORK.
- SEE DRAWINGS ES-04 AND ES-05 FOR HIGH MAST LIGHT TOWER SCHEDULE.
- HIGH MAST TOWER FOUNDATIONS WILL BE INSTALLED BY OTHERS IN A SEPARATE CONTRACT. COORDINATE INSTALLATION OF HIGH MAST TOWERS WITH IDOT CONTRACT NO. 62586.
- JUNCTION BOX MOUNTED ON OVERPASS STRUCTURE FOR UNDERPASS LIGHTING POWER FEED MUST BE INSTALLED AS SHOWN ON DETAILS ME-05F AND ME-14G, UNLESS NOTED OTHERWISE. SEE DRAWING UL-28 FOR 57TH STREET UNDERPASS LIGHTING PLANS.
- THE EXISTING ROADWAY LIGHTING SYSTEM MUST REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED, AND ACCEPTED BY THE ENGINEER, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ALL CNC CONCRETE ENCASED DUCTBANKS SHOWN ON THIS DRAWING WILL BE INSTALLED BY OTHERS IN A SEPARATE CONTRACT AND WILL BE CONSIDERED AN EXISTING CONDITION FOR THIS CONTRACT.
- THE CONDUIT FOR ALL RETAINING WALL MOUNTED HIGH MAST TOWERS MUST BE INSTALLED AS SHOWN ON DRAWING ME-03.
- THE CONDUIT FOR ALL BARRIER WALL MOUNTED HIGH MAST TOWERS IS INSTALLED AS SHOWN ON THE IDOT STANDARD DRAWINGS.
- RUN PARALLEL RACEWAYS IN COMMON TRENCH.
- THE FINAL INSTALLATION LOCATIONS OF THE LIGHTING RACEWAYS MUST BE COORDINATED WITH THE RACEWAYS SHOWN ON THE SURVEILLANCE PLANS.

RECORD
DRAWING

J.E. EDWARDS CONSTRUCTION CO.

APPROVED

APPROVED AS NOTED

DATE 4-07-06

BY [Signature]



RL-32

FOR INFORMATION ONLY

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

31st STREET TO I-57

ROADWAY LIGHTING PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'

DATE: NOV 25, 2005

DRAWN BY: CJM

CHECKED BY: [Signature]

USER NAME = addis.abeaw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/22/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GARFIELD BLVD. STRUCTURE (016-1152 & 016-1153)
LIGHTING DETAILS

SCALE: SHEET shhet 18 OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	25
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

CONTRACT # 62733

LT6 CONT "T1"

OCT 26 2004

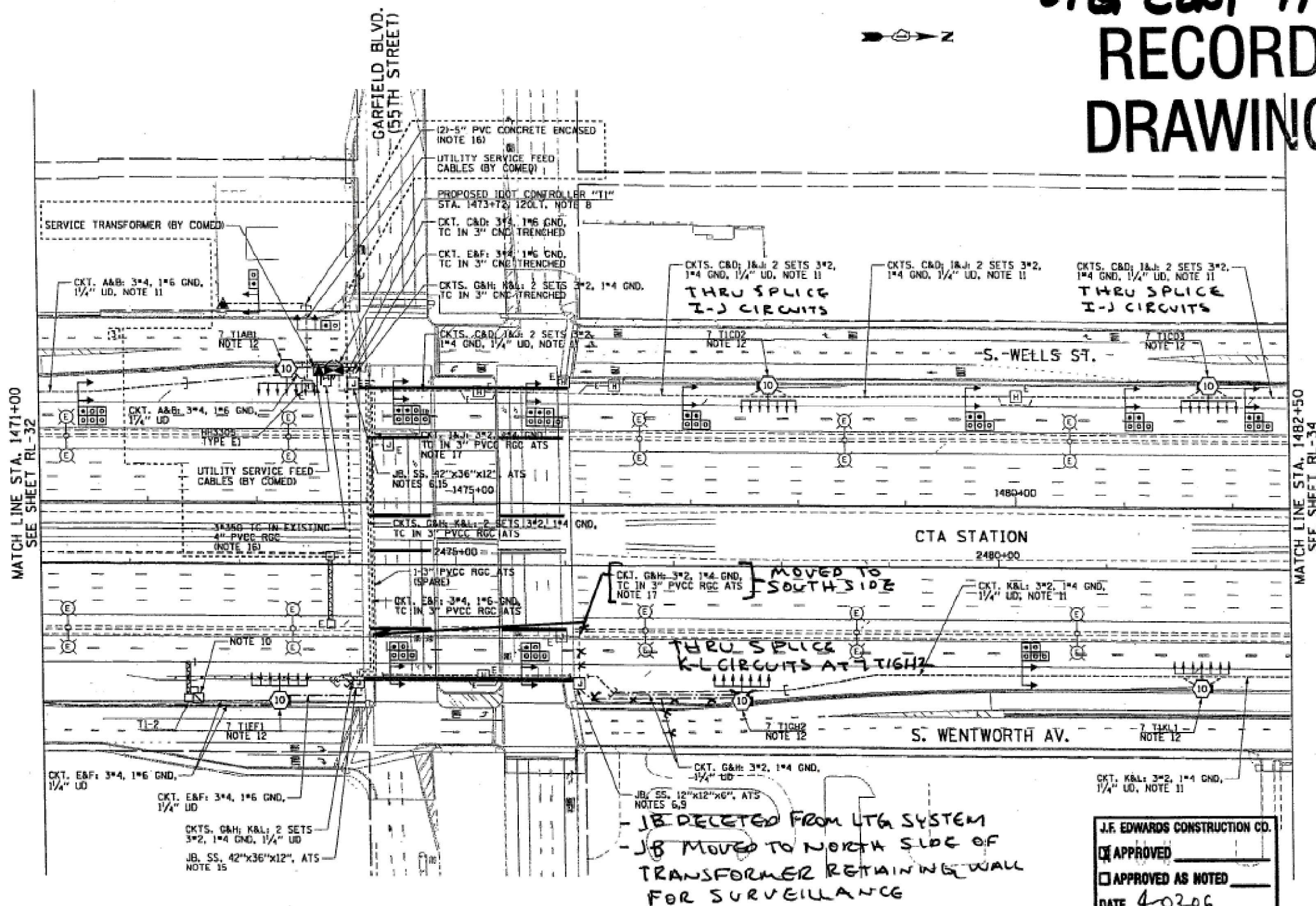
RECORD DRAWING

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2004-16L	COOK	216	87
STA. 1471+00.00	TO STA. 1482+50.00		
FED. AID DIST. NO. 1	ILLINOIS	FED. AID PROJECT	

62733

NOTES:

- SEE DRAWINGS ME-01 AND ME-02 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACT NO. 62586.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED ITEMS AND WORK.
- SEE DRAWING ES-05 FOR HIGH MAST LIGHT TOWER SCHEDULE.
- HIGH MAST TOWER FOUNDATIONS WILL BE INSTALLED BY OTHERS IN A SEPARATE CONTRACT. COORDINATE INSTALLATION OF HIGH MAST TOWERS WITH IDOT CONTRACT NO. 62586.
- SEE DRAWINGS UL-29 AND UL-30 FOR GARFIELD BLVD. (55TH STREET) UNDERPASS LIGHTING PLANS.
- THE EXISTING ROADWAY LIGHTING SYSTEM MUST REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED, AND ACCEPTED BY THE ENGINEER, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THE LIGHTING CONTROLLER MUST BE INSTALLED AS SHOWN ON DRAWINGS ME-18 THROUGH ME-20 AND THE IDOT STANDARD DRAWINGS, UNLESS NOTED OTHERWISE.
- JUNCTION BOX MOUNTED ON OVERPASS STRUCTURE FOR UNDERPASS LIGHTING POWER FEEDS MUST BE INSTALLED AS SHOWN ON DETAILS ME-06A AND ME-14C, UNLESS NOTED OTHERWISE.
- ALL DISCONNECT SWITCHES MOUNTED ON SIGN STRUCTURES MUST BE INSTALLED AS SHOWN ON THE IDOT STANDARD DRAWINGS.
- ALL CNC CONCRETE ENCASED DUCTBANKS SHOWN ON THIS DRAWING WILL BE INSTALLED BY OTHERS IN A SEPARATE CONTRACT AND WILL BE CONSIDERED AN EXISTING CONDITION FOR THIS CONTRACT UNLESS NOTED OTHERWISE.
- THE CONDUIT FOR ALL RETAINING WALL MOUNTED HIGH MAST TOWERS MUST BE INSTALLED AS SHOWN ON DRAWING ME-03.
- RUN PARALLEL RACEWAYS IN COMMON TRENCH.
- THE FINAL INSTALLATION LOCATIONS OF THE LIGHTING RACEWAYS MUST BE COORDINATED WITH THE RACEWAYS SHOWN ON THE SURVEILLANCE PLANS.
- JUNCTION BOX MOUNTED ON OVERPASS STRUCTURE FOR ROADWAY LIGHTING POWER FEEDS MUST BE INSTALLED AS SHOWN ON DETAILS ME-05C AND ME-14C, UNLESS NOTED OTHERWISE.
- THE ELECTRICAL SERVICE FEED TO LIGHTING CONTROLLER "T1" MUST BE INSTALLED AS SHOWN ON DETAIL ME-09A.
- PROVIDE NEW CABLES, CONDUIT, AND ASSOCIATED MOUNTING HARDWARE TO ROUTE A TEMPORARY POWER FEED TO THE EXISTING JUNCTION BOX MOUNTED ON THE 55TH STREET BRIDGE STRUCTURE. SPLICE THE NEW CABLES TO THE EXISTING ROADWAY LIGHTING CIRCUITS LOCATED INSIDE THE JUNCTION BOX. THIS TEMPORARY FEED MUST REMAIN IN SERVICE AFTER THE HIGH MAST LIGHTING SYSTEM IS INSTALLED TO FEED THE EXISTING SIGN STRUCTURES LOCATED AT STATION 1486+72 AND AT STATION 2473+98.



J.E. EDWARDS CONSTRUCTION CO.

☒ APPROVED

☐ APPROVED AS NOTED

DATE 4-03-06

BY *Jack Moberg*



RL-33

FOR INFORMATION ONLY

REVISIONS		DATE
1	CONST. CHANGE 3	5/30/04
2	MODIFIED UTILITY SERVICE	5/14/04

ILLINOIS DEPARTMENT OF TRANSPORTATION

31st STREET TO I-57

ROADWAY LIGHTING PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'

DATE: March 26, 2004

CHECKED BY: WDS

USER NAME = addis.abeaw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/22/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GARFIELD BLVD. STRUCTURE (016-1152 & 016-1153)
LIGHTING DETAILS

SCALE: SHEET sheet 21 OF SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2004-16L	COOK	216	87
STA. 1471+00.00	TO STA. 1482+50.00		
FED. AID DIST. NO. 1	ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62X24

MODEL: sheet 19 (Sheet)
FILE NAME: c:\paw\work\labeled\labeled\1026720\100925-shl\typical.dgn

CONTRACT # 62733
LT6 CONT "T1"

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2004-16L	COOK	246	66
STA. 1482+50.00 TO STA. 1494+50.00				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

62733

NOTES:

- SEE DRAWINGS ME-01 AND ME-02 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACT NO. 62586.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED ITEMS AND WORK.
- SEE DRAWING ES-05 FOR HIGH MAST LIGHT TOWER SCHEDULE.
- ALL HIGH MAST TOWER FOUNDATIONS SHOWN ON THIS DRAWING WILL BE INSTALLED BY OTHERS IN A SEPARATE CONTRACT. COORDINATE INSTALLATION OF HIGH MAST TOWERS WITH IDOT CONTRACT NO. 62586.
- THE EXISTING ROADWAY LIGHTING SYSTEM MUST REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED, AND ACCEPTED BY THE ENGINEER, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ALL CM CONCRETE ENCASED DUCTBANKS SHOWN ON THIS DRAWING WILL BE INSTALLED BY OTHERS IN A SEPARATE CONTRACT AND WILL BE CONSIDERED AN EXISTING CONDITION FOR THIS CONTRACT.
- THE CONDUIT FOR ALL RETAINING WALL MOUNTED HIGH MAST TOWERS MUST BE INSTALLED AS SHOWN ON DRAWING ME-03.
- THE CONDUIT FOR ALL BARRIER WALL MOUNTED HIGH MAST TOWERS IS INSTALLED AS SHOWN ON THE IDOT STANDARD DRAWINGS.
- RUN PARALLEL RACEWAYS IN COMMON TRENCH.
- THE FINAL INSTALLATION LOCATIONS OF THE LIGHTING RACEWAYS MUST BE COORDINATED WITH THE RACEWAYS SHOWN ON THE SURVEILLANCE PLANS.

RECORD
DRAWING

J.F. EDWARDS CONSTRUCTION CO.

☒ APPROVED

☐ APPROVED AS NOTED

DATE 4-03-06

BY *Paul Moberg*



RL-34

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

31st STREET TO I-57

ROADWAY LIGHTING PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'

DRAWN BY: C.M.

DATE: March 26, 2004

DESIGNED BY: M.S.

FOR INFORMATION ONLY

USER NAME = addis.abeaw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/22/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET sheet 22 OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-9044-HB) BR 24	COOK	38	27
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

CONTRACT # 62733
LT6 CONT "T1"

AUG 03 2004

RECORD DRAWING

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2004-16L	COOK	216	89
STA. 1494+50.00 TO STA. 1506+50.00				
ITA ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

62733

- NOTES:
- SEE DRAWINGS ME-01 AND ME-02 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - COORDINATE ALL WORK WITH IDOT CONTRACT NO. 62586.
 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED ITEMS AND WORK.
 - SEE DRAWING ES-05 FOR HIGH MAST LIGHT TOWER SCHEDULE.
 - ALL HIGH MAST TOWER FOUNDATIONS SHOWN ON THIS DRAWING WILL BE INSTALLED BY OTHERS IN A SEPARATE CONTRACT. COORDINATE INSTALLATION OF HIGH MAST TOWERS WITH IDOT CONTRACT NO. 62586.
 - SEE DRAWING UL-31 FOR 51st STREET UNDERPASS LIGHTING PLANS.
 - THE EXISTING ROADWAY LIGHTING SYSTEM MUST REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED, AND ACCEPTED BY THE ENGINEER, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - JUNCTION BOX MOUNTED ON OVERPASS STRUCTURE FOR UNDERPASS LIGHTING POWER. FEED MUST BE INSTALLED AS SHOWN ON DETAILS ME-06A AND ME-14C, UNLESS NOTED OTHERWISE.
 - ALL CMC CONCRETE ENCASED DUCTBANKS SHOWN ON THIS DRAWING WILL BE INSTALLED BY OTHERS IN A SEPARATE CONTRACT AND WILL BE CONSIDERED AN EXISTING CONDITION FOR THIS CONTRACT.
 - THE CONDUIT FOR ALL RETAINING WALL MOUNTED HIGH MAST TOWERS MUST BE INSTALLED AS SHOWN ON DRAWING ME-03.
 - RUN PARALLEL RACEWAYS IN COMMON TRENCH.
 - PROVIDE NEW CABLES, CONDUIT, AND ASSOCIATED HARDWARE TO ROUTE A NEW TEMPORARY POWER FEED TO THE EXISTING JUNCTION BOX MOUNTED ON THE 51ST STREET BRIDGE STRUCTURE. SPLICE THE NEW CABLES TO THE EXISTING LIGHTING CIRCUITS INSIDE THE JUNCTION BOX. THIS TEMPORARY FEED MUST REMAIN IN SERVICE AFTER THE HIGH MAST LIGHTING SYSTEM IS INSTALLED TO FEED THE EXISTING LIGHTED SIGN STRUCTURES LOCATED AT STATION 2508+82 AND STATION 2523+02.
 - THE FINAL INSTALLATION LOCATIONS OF THE LIGHTING RACEWAYS MUST BE COORDINATED WITH THE RACEWAYS SHOWN ON THE SURVEILLANCE PLANS.

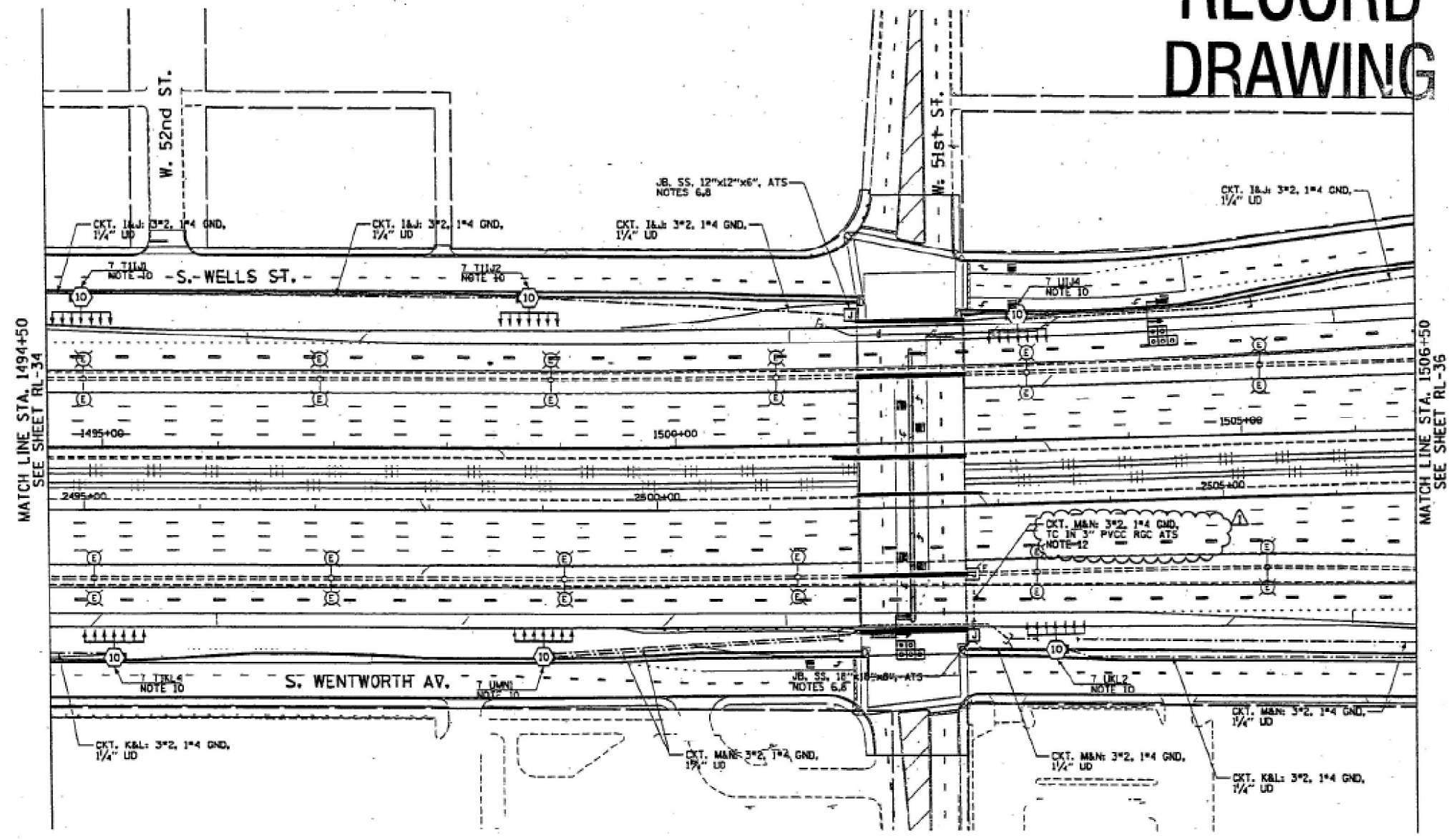
J.F. EDWARDS CONSTRUCTION CO.

☒ APPROVED _____

☐ APPROVED AS NOTED _____

DATE 8-03-06

BY *Paul Mobley*



FOR INFORMATION ONLY



RL-35

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	31st STREET TO I-57	
		ROADWAY LIGHTING PLANS	
		PROPOSED IMPROVEMENTS	
		SCALE: 1"=50'	DRAWN BY: CJM
		DATE: 10/22/2004	CHECKED BY: WDS

MODEL: sheet 21(Sheet)
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USER NAME = addis.abebaw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/22/2004	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GARFIELD BLVD. STRUCTURE (016-1152 & 016-1153)
LIGHTING DETAILS

SCALE: SHEET sheet 23 OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	28
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

CONTRACT 62733
LT6 CONT "T1"

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2004-16L	COOK	216	101
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

62733

LEGEND

- HIGH MAST LIGHT TOWER.
- 400 W. HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- HIGH MAST TOWER DESIGNATION.
- EXISTING LIGHTED SIGN STRUCTURE WITH 170 W. FLUORESCENT LUMINAIRES. QUANTITY OF LUMINAIRES AS REQUIRED. (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- 3 POLE SAFETY SWITCH
- LIGHTED SIGN STRUCTURE WITH 170 W. FLUORESCENT LUMINAIRES. QUANTITY OF LUMINAIRES AS REQUIRED. (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- 3 POLE SAFETY SWITCH
- EXISTING UNDERPASS LIGHTING UNITS AT 55th STREET, 55 WATT LPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- EXISTING UNDERPASS LIGHTING UNITS AT 51st STREET ARE TO WATT HPS (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- UNDERPASS LIGHTING UNIT, 100 W. HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- LIGHTING CONTROLLER
- GROUND FIELD
- ELECTRIC UTILITY SERVICE
- CLOSED CIRCUIT TELEVISION CAMERA

LOAD TABLE LIGHTING CONTROLLER "T1"					
CIRCUIT	RED PHASE		BLACK PHASE		
	AMPS	WATTS	AMPS	WATTS	
A	19.3	4,632	B	21.3	5,112
C	31.6	7,584	D	31.6	7,584
E	18.2	4,368	F	22.1	5,304
G	11.2	2,688	H	12.3	2,952
I	15.6	3,792	J	15.6	3,792
K	27.1	6,504	L	27.1	6,504
M	-	-	N	-	-
O	-	-	P	-	-
TOTAL	124.3	29,832	TOTAL	130.2	31,248

RECORD
DRAWING

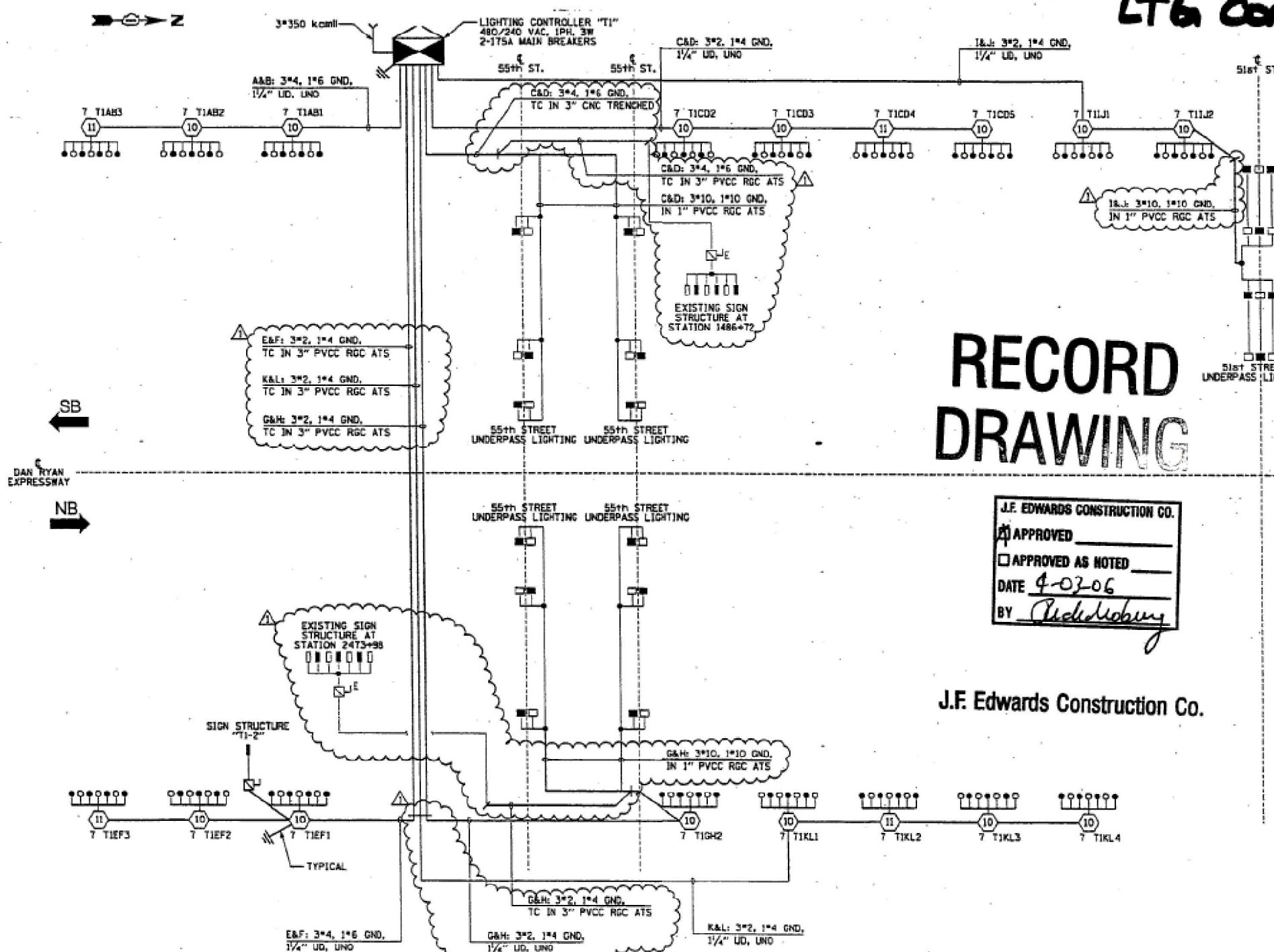
J.F. EDWARDS CONSTRUCTION CO.
APPROVED _____
APPROVED AS NOTED _____
DATE 4-03-06
BY *Richard Hoberg*

J.F. Edwards Construction Co.

FOR INFORMATION ONLY

SINGLE LINE DIAGRAM
LIGHTING CONTROLLER "T1"
NOT TO SCALE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	31st STREET TO I-57	
		SINGLE LINE DIAGRAM LIGHTING CONTROLLER "T1" PROPOSED IMPROVEMENTS	
		SCALE: NOT TO SCALE	
		DRAWN BY: C.J.M.	
		CHECKED BY: WOS	
		DATE: 4/16/04	
		MODIFIED DIAGRAM	



USER NAME = addis.abeaw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GARFIELD BLVD. STRUCTURE (016-1152 & 016-1153)
LIGHTING DETAIL

SCALE: SHEET sheet 24 OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	29
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

MODEL: sheet 22 (Sheet)
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AUG 03 2004

CONTRACT #62733
LT6 CONT "T1"

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2004-16L	COOK	216	114
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

62733

NOTES:

- SEE DRAWINGS ME-01 AND ME-02 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT SHOWN ON THIS DRAWING ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- PROVIDE A NEW FEEDER TO EXISTING UNDERPASS LIGHTING AS SHOWN. SPLICE NEW UNDERPASS LIGHTING CIRCUIT CABLES TO THE EXISTING UNDERPASS LIGHTING CIRCUIT CABLES LOCATED IN THE EXISTING JUNCTION BOX.
- SPLICE NEW UNDERPASS LIGHTING CIRCUIT CABLES TO THE SERVICE FEED CABLES LOCATED IN THE JUNCTION BOX. SEE DRAWING RL-33 FOR CONTINUATION OF UNDERPASS LIGHTING CIRCUIT FEEDS.
- ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING WILL BE FED FROM IDOT LIGHTING CONTROLLER "T1". SEE DRAWING SL-09 FOR SINGLE LINE DIAGRAM OF LIGHTING CONTROLLER "T1".
- CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF THE EXISTING LIGHTING SYSTEM SHOWN ON THIS DRAWING. THE EXISTING ELECTRICAL POWER FEEDS MAY NOT BE REMOVED UNTIL SUCH TIME AS THE PROPOSED POWER FEEDS ARE INSTALLED. PROVIDE TEMPORARY POWER AS REQUIRED TO MAINTAIN THE EXISTING LIGHTING SYSTEM.
- REPLACEMENT OF THE UNDERPASS LIGHTING WILL NOT BE INCLUDED IN THIS CONTRACT BUT WILL BE INCLUDED AS PART OF IDOT CONTRACT NUMBER 62583.
- COORDINATE ALL ELECTRICAL WORK WITH CIVIL WORK. IDOT CONTRACT NUMBER 62583, CONSTRUCTION STAGING AND TRAFFIC CONTROL OVERVIEW PLANS.
- CONTRACTOR MUST MAINTAIN THE ROADWAY LIGHTING CIRCUIT CONTINUITY TO PROVIDE TEMPORARY POWER TO THE LIGHTED SIGN STRUCTURES LOCATED AT STATION 1486+72 AND 2473+98.

RECORD
DRAWING

J.F. EDWARDS CONSTRUCTION CO.
☒ APPROVED
☐ APPROVED AS NOTED
DATE 4-03-06
BY Rick Mobury

J.F. Edwards Construction Co.

JUNCTION BOX SCHEDULE		
NO.	SIZE	DESCRIPTION
JB1	6"X6"X4"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING
JB2	12"X10"X6"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING

CABLE /CONDUIT SCHEDULE	
1	3-1/2"Ø, 1-1/2"Ø GND IN 1" DIA PVCC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
2	2-1/2"Ø, 1-1/2"Ø GND IN 1" DIA PVCC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
3	2-1/2"Ø, 1-1/2"Ø GND IN 1" DIA LIQUID TIGHT FLEXIBLE CONDUIT (CKTS AS INDICATED ON THIS DRAWING)

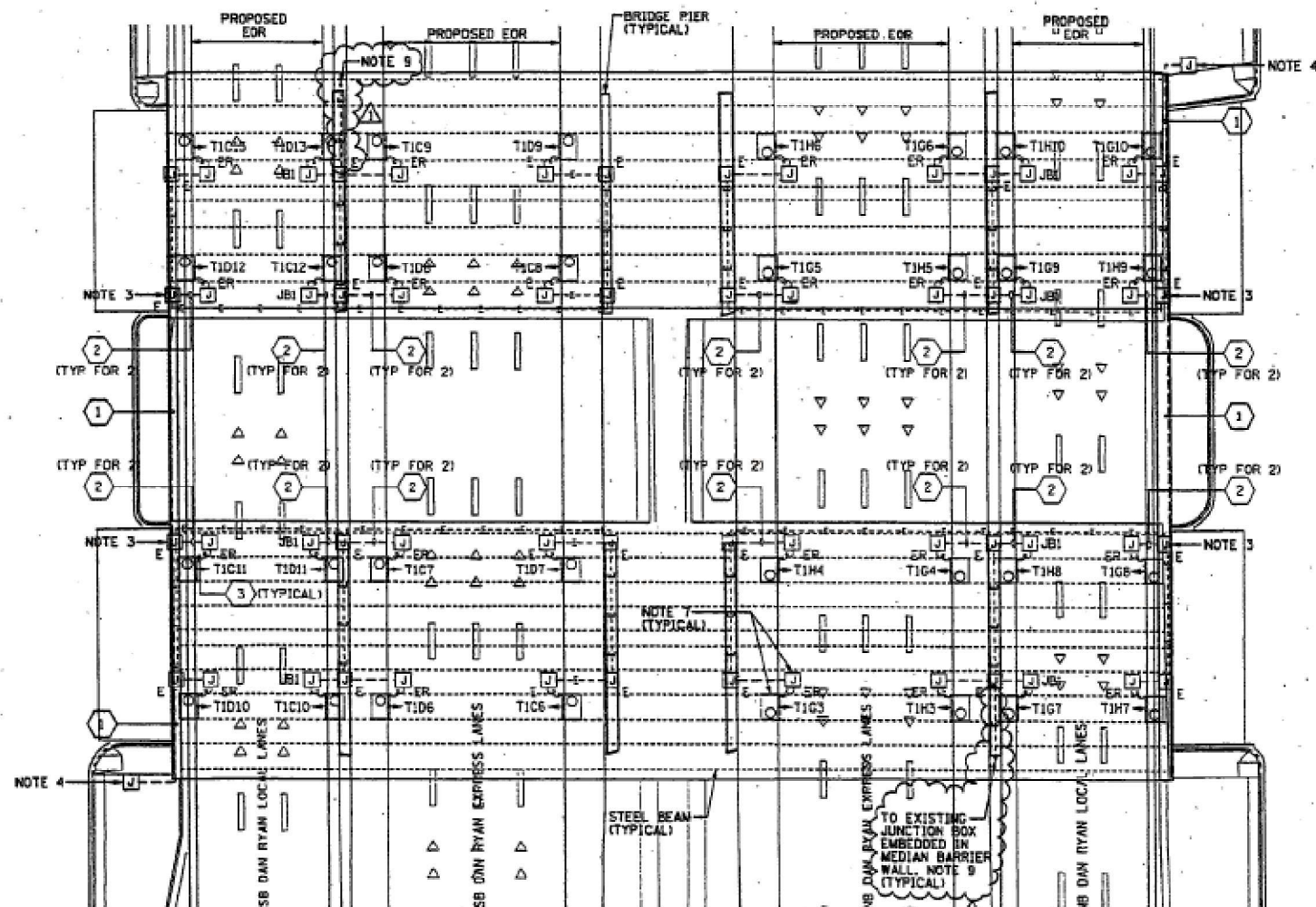
SEQUENCE OF WORK (NOTE 8):

2004: INSTALL PRIMARY POWER FEEDS AS SHOWN ON RL-33 AND CONNECT EXISTING CIRCUITS TO NEW CIRCUITS (NOTE 6)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
31st STREET TO I-57
UNDERPASS LIGHTING PLANS
55TH STREET
PROPOSED IMPROVEMENTS
SCALE: 1"=20'
DRAWN BY: HAR
CHECKED BY: WOE
DATE: March 25, 2004



PROPOSED UNDERPASS LIGHTING PLAN
(SEE NOTES 2 & 5)

FOR INFORMATION ONLY

55TH ST.

USER NAME = addis.abeaw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/22/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GARFIELD BLVD. STRUCTURE (016-1152 & 016-1153)
LIGHTING DETAILS

SCALE: SHEET sheet 25 OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	30
CONTRACT NO. COOK				
ILLINOIS FED. AID PROJECT				

AUG 03 2004

CONTRACT # 62733
LT6 CONT "T1"

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2004-16L	COOK	215	115
STA. - TO STA.				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

62733

NOTES:

- SEE DRAWINGS ME-01 AND ME-02 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT SHOWN ON THIS DRAWING ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- REMOVE AND DISPOSE OF EXISTING CABLE AND CONDUIT ATTACHED TO STRUCTURE AND PROVIDE PLUG AS REQUIRED FOR EXISTING JUNCTION BOX HOLE.
- PROVIDE A NEW FEEDER TO EXISTING UNDERPASS LIGHTING AS SHOWN. SPLICE NEW UNDERPASS LIGHTING CIRCUIT CABLES TO THE EXISTING UNDERPASS LIGHTING CIRCUIT CABLES LOCATED IN THE EXISTING JUNCTION BOX.
- SPLICE NEW UNDERPASS LIGHTING CIRCUIT CABLES TO THE SERVICE FEED CABLES LOCATED IN THE JUNCTION BOX. SEE DRAWING RL-35 FOR CONTINUATION OF UNDERPASS LIGHTING CIRCUIT FEEDS.
- ALL UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING WILL BE FED FROM IDOT LIGHTING CONTROLLERS "T1" AND "T2". SEE DRAWINGS SL-09 AND SL-10 FOR SINGLE LINE DIAGRAMS OF LIGHTING CONTROLLERS "T1" AND "T2".
- CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF THE EXISTING LIGHTING SYSTEM SHOWN ON THIS DRAWING. THE EXISTING ELECTRICAL POWER FEEDS MAY NOT BE REMOVED UNTIL SUCH TIME AS THE PROPOSED POWER FEEDS ARE INSTALLED. PROVIDE TEMPORARY POWER AS REQUIRED TO MAINTAIN THE EXISTING LIGHTING SYSTEM.
-
- COORDINATE ALL ELECTRICAL WORK WITH CIVIL WORK, IDOT CONTRACT NUMBER 62583, CONSTRUCTION STAGING AND TRAFFIC CONTROL OVERVIEW PLANS.
- CONTRACTOR MUST MAINTAIN THE ROADWAY LIGHTING CIRCUIT CONTINUITY TO PROVIDE TEMPORARY POWER TO THE LIGHTED SIGN STRUCTURES LOCATED AT STATIONS 2508+82 AND 2523+02.
- CONTRACTOR MUST PROVIDE NEW LUMINAIRE NUMBERING DECALS AS SHOWN ON THIS DRAWING.

RECORD
DRAWING

J.F. EDWARDS CONSTRUCTION CO.

APPROVED

APPROVED AS NOTED

DATE 4-03-06

BY Rich Hoberg

J.F. Edwards Construction Co.

JUNCTION BOX SCHEDULE		
NO.	SIZE	DESCRIPTION
JB2	12"x10"x6"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING

CABLE / CONDUIT SCHEDULE	
1	3-1/2" C-10, 1-1/2" C-10 GND IN 1" DIA PVCC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)

SEQUENCE OF WORK (NOTE 9):

2004: INSTALL PRIMARY POWER FEEDS AS SHOWN ON RL-35 AND CONNECT EXISTING CIRCUITS TO NEW CIRCUITS (NOTE 7)



UL-31

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

31st STREET TO I-57

UNDERPASS LIGHTING PLANS
51ST STREET

SCALE: 1"=20'

DRAWN BY: HAR

DATE: November 24, 2004

CHECKED BY: RFB

FOR INFORMATION ONLY

USER NAME = addis.abeaw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/25/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GARFIELD BLVD. STRUCTURE (016-1152 & 016-1153)
LIGHTING DETAILS

SCALE: SHEET sheet 26 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	31
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2004-16L	COOK	216	154
STA. 1471+00.00 TO STA. 1482+50.00				
ILLINOIS FED. AID PROJECT				

62733

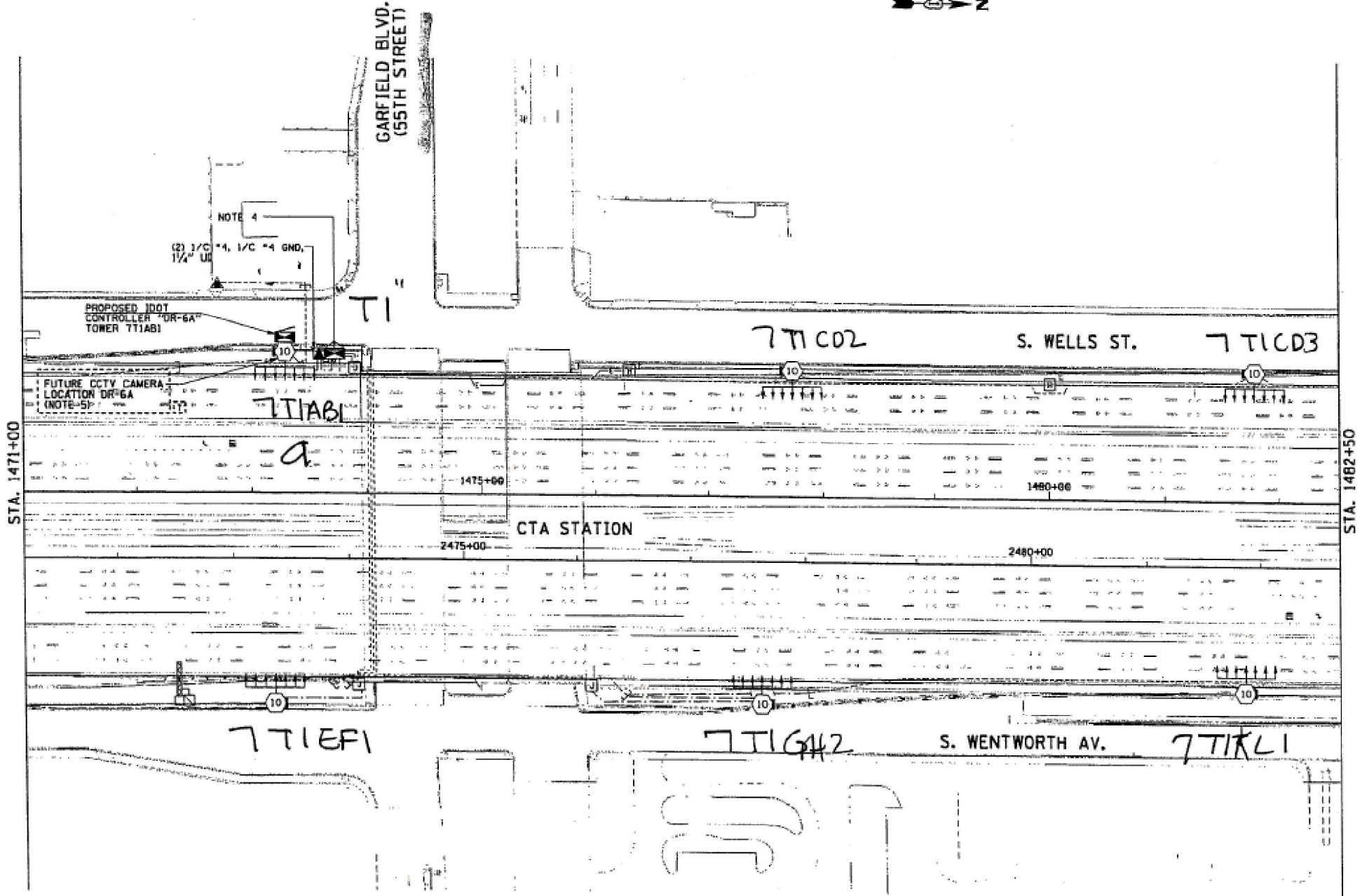
NOTES:

1. SEE DRAWINGS ME-01 AND ME-02 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. UNLESS OTHERWISE STATED, CONDUIT TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT.
3. UNLESS OTHERWISE STATED, ALL ELECTRIC CABLE TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT.
4. CONTRACTOR MUST CONNECT CAMERA POWER FEED TO THE AUXILIARY BREAKER IN THE LIGHTING CONTROLLER CABINET AS SHOWN ON DRAWING ME-19.
5. CONTRACTOR MUST COIL A MINIMUM OF 20 FEET OF CABLE AT THE BASE OF THE LIGHT TOWER FOR THE 120-VOLT CAMERA FEED.

RECORD DRAWING

J.F. EDWARDS CONSTRUCTION CO.	
☒ APPROVED	_____
☐ APPROVED AS NOTED	_____
DATE	4-17-06
BY	<i>Rich Mobury</i>

J.F. Edwards Construction Co.



CCTV-08

REVISIONS	
NAME	DATE
CONST. CHANGE 1	10/28/04

ILLINOIS DEPARTMENT OF TRANSPORTATION
31st STREET TO I-57
CLOSED CIRCUIT TELEVISION
SITE LAYOUT
CAMERA DR-6A
SCALE: 1"=50'
DRAWN BY: RHP

FOR INFORMATION ONLY

USER NAME = addis.abeaw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/25/2024	DATE -	REVISED -

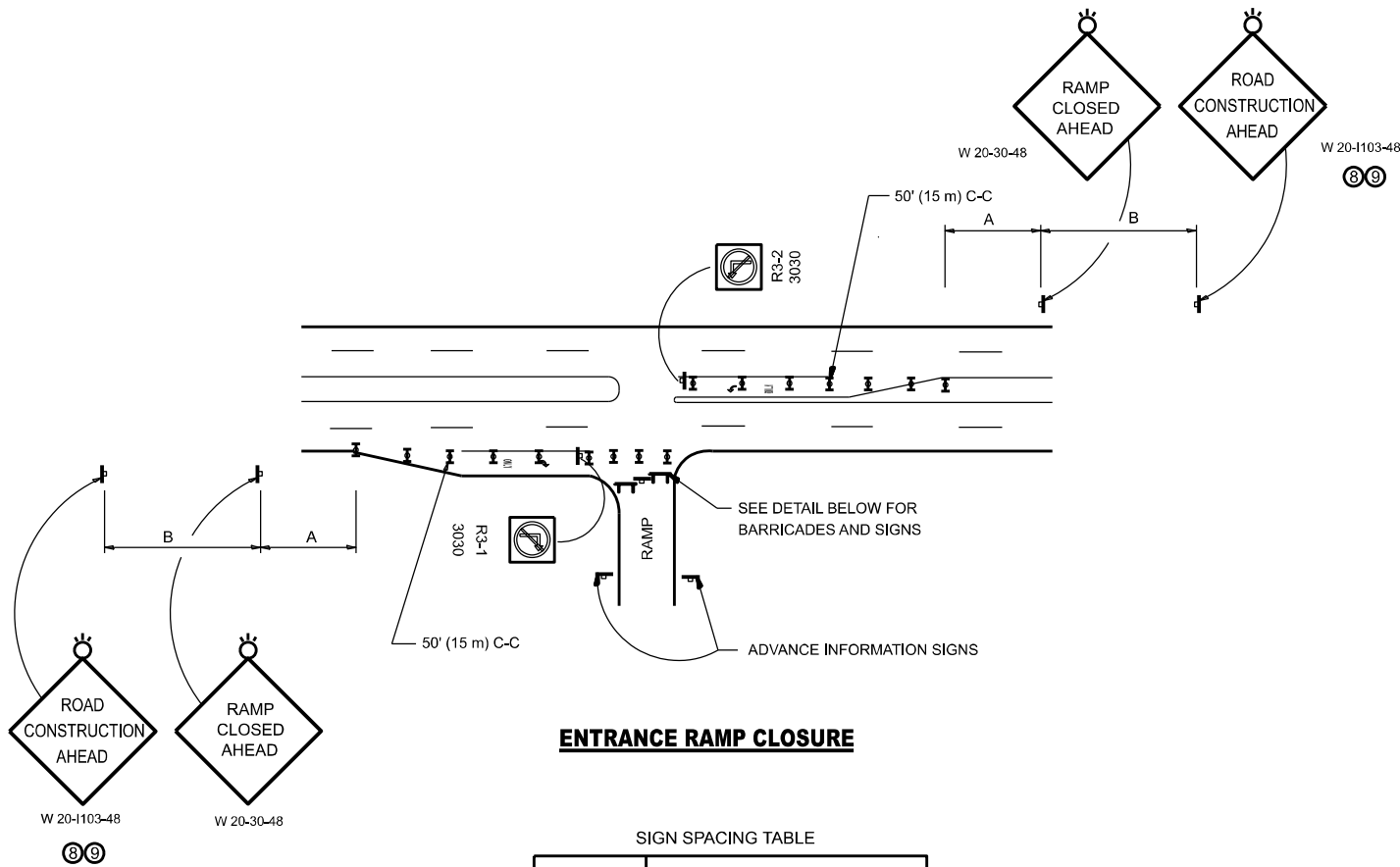
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GARFIELD BVD. STRUCTURE (016-1152 & 016-1153)
LIGHTING DETAILS

SCALE: SHEET sheet 27 OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-1B) BR 24	COOK	38	32
CONTRACT NO. 62X24				
ILLINOIS FED. AID PROJECT				

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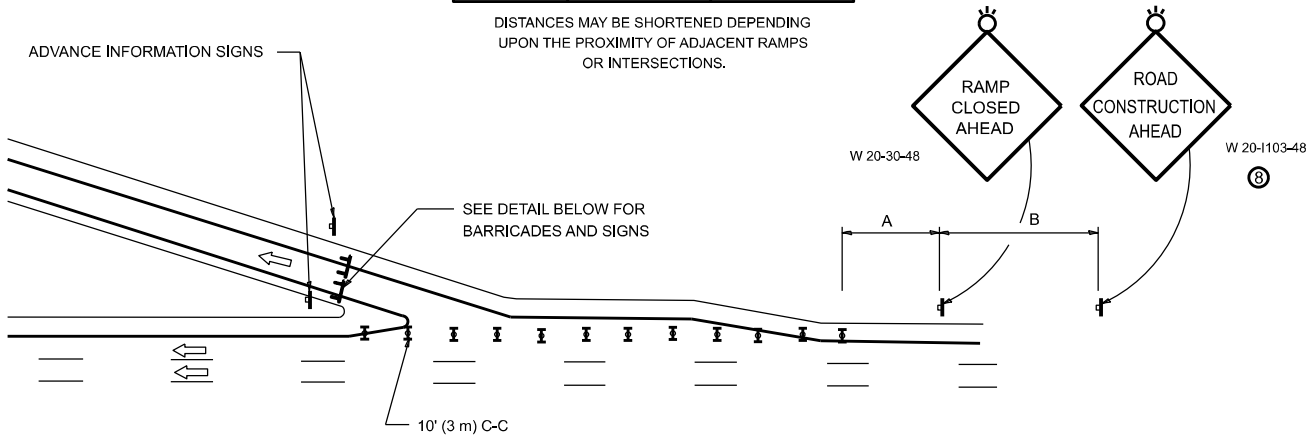


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	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)

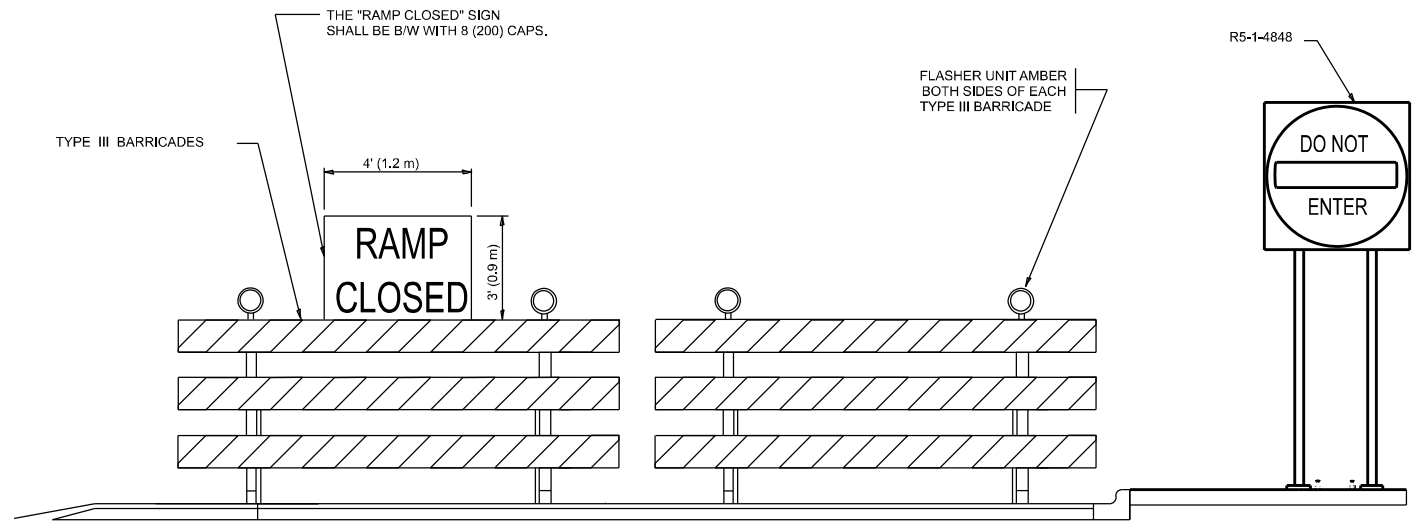
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

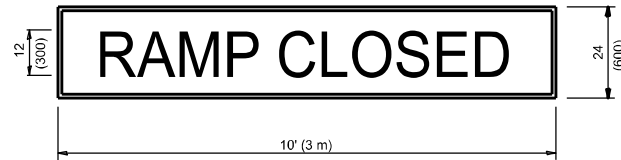
SYMBOLS

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



DETAIL FOR REQUIRED BARRICADES & SIGNS

RAMP CLOSURE ADVANCE WARNING SIGN



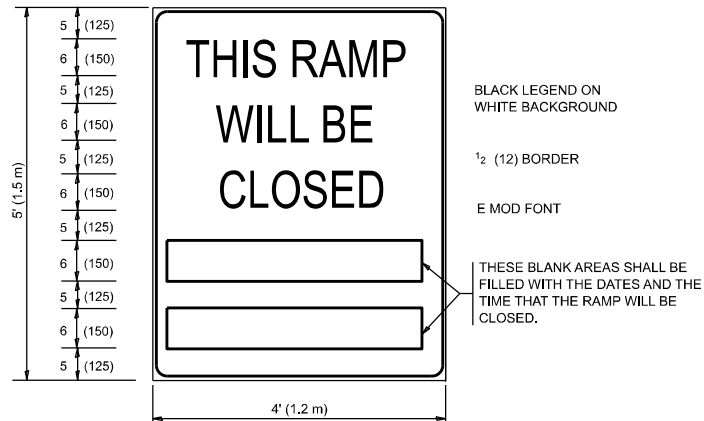
BLACK LEGEND ON ORANGE
BACKGROUND MOUNTED
DIAGONALLY
E MOD FONT
1 (25) BORDER

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 = eric.l.thomas	DESIGNED - D.W.S.	REVISED - S.P.B._12-09
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED - M.D._06-13
PLOT DATE = 8/30/2023	DATE - 02-83	REVISED - M.D._01-18
		REVISED - D.S._05-24

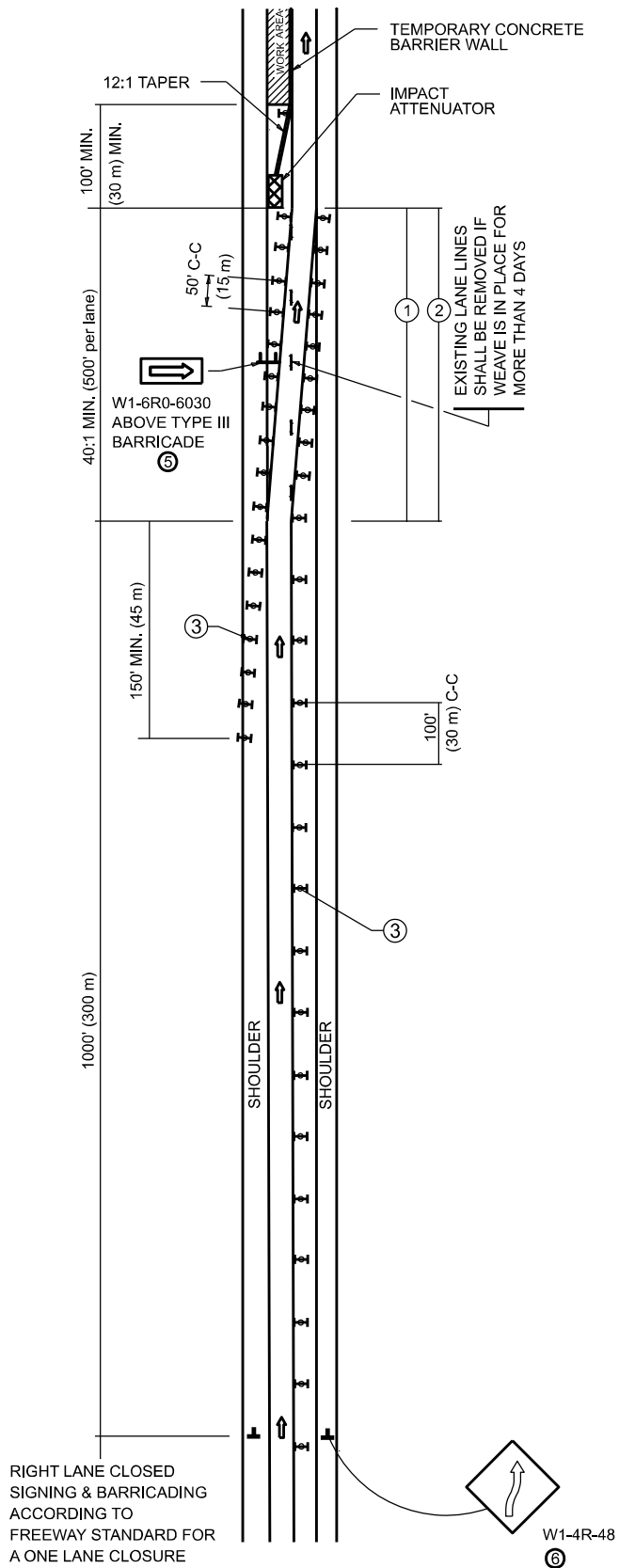
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE AND EXIT_RAMP CLOSURE DETAILS

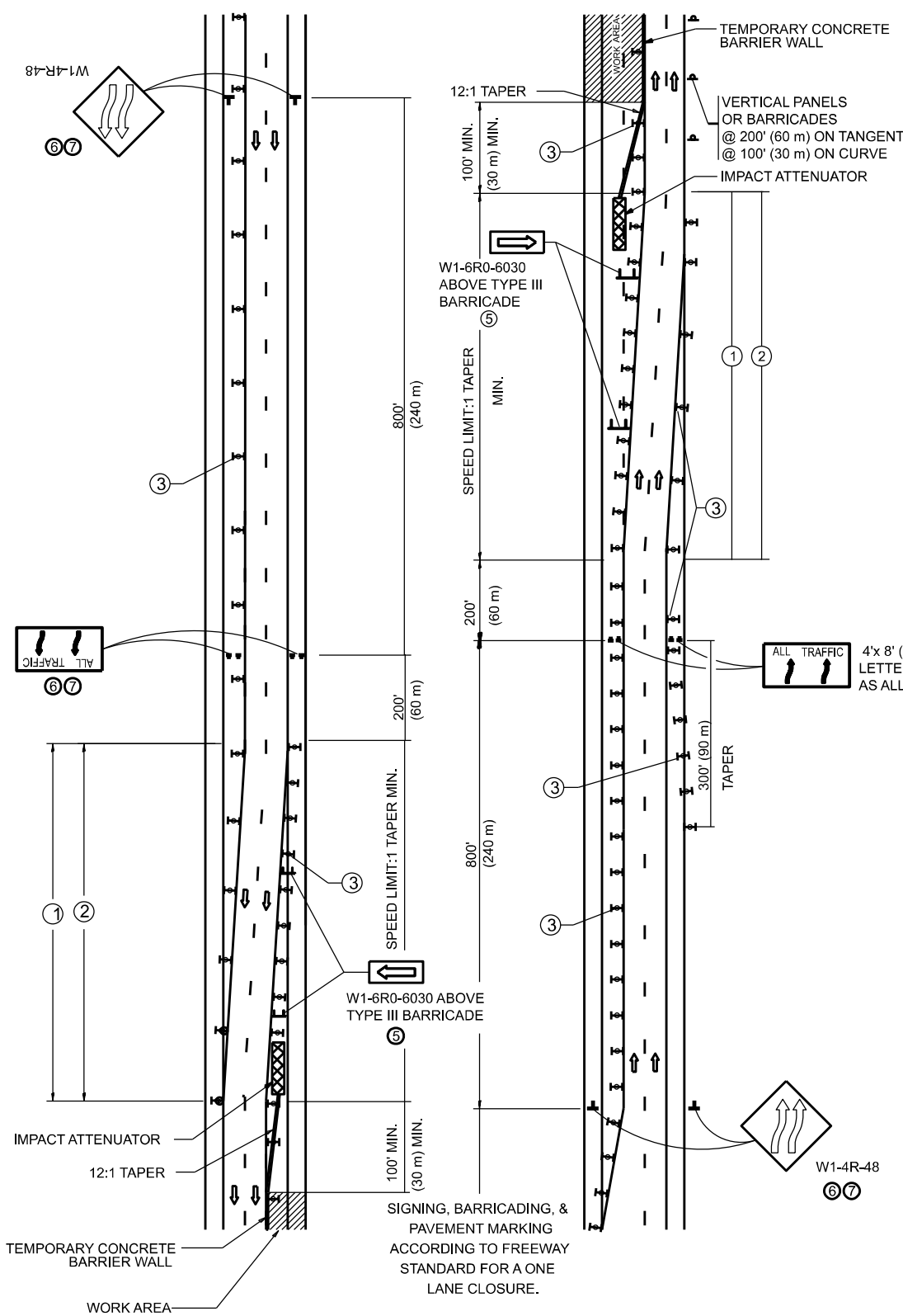
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	33
TC-08		CONTRACT NO. 62X24		
ILLINOIS		FED. AID PROJECT		

SINGLE LANE WEAVE



MULTI-LANE WEAVE



GENERAL NOTES:

- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.
- 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.
- PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- 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.
- 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.
- THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- W24-1-48

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

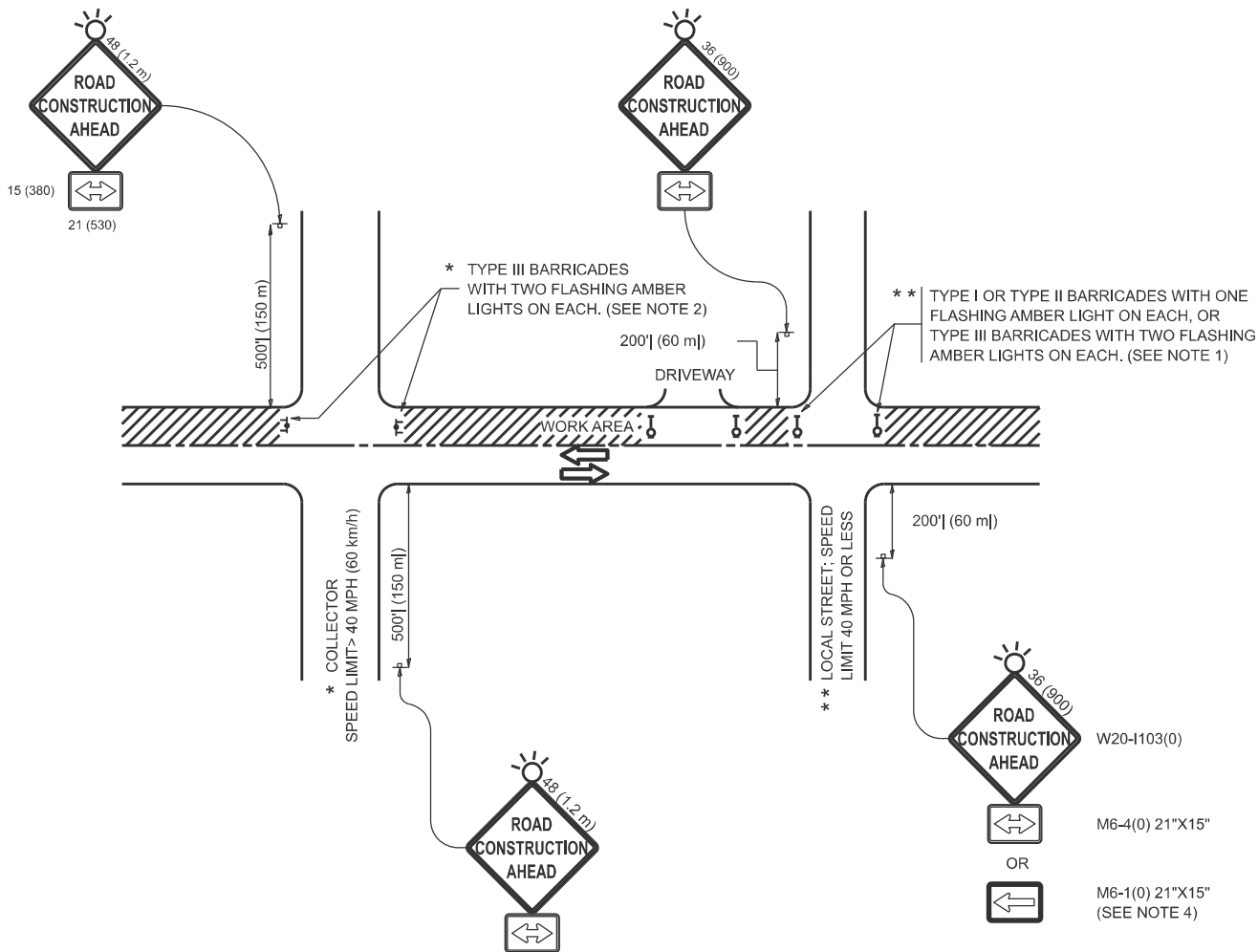
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR
FREEWAY SINGLE & MULTI-LANE WEAVE

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	34
TC-09		CONTRACT NO. 62X24		
ILLINOIS		FED. AID PROJECT		

MODEL: Plan Single (Sheet)
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NOTES:

- 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:
 - 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.
 - 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 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- 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.
- 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).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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.

USER NAME	= eric.l.thomas	DESIGNED	- L.H.A.	REVISED	- T. RAMMACHER 01-06-00
		DRAWN	-	REVISED	- A. SCHUETZE 07-01-13
PLOT SCALE	= \$\$SCALE\$	CHECKED	-	REVISED	- A. SCHUETZE 09-15-06
PLOT DATE	= 8/30/2023	DATE	- 06-89	REVISED	- D. SENDERAK 05-03-24

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	35
TC-10		CONTRACT NO. 62K24		
ILLINOIS		FED. AID PROJECT		

TURN BAY ENTRANCE AT START
OF LANE CLOSURE TAPER

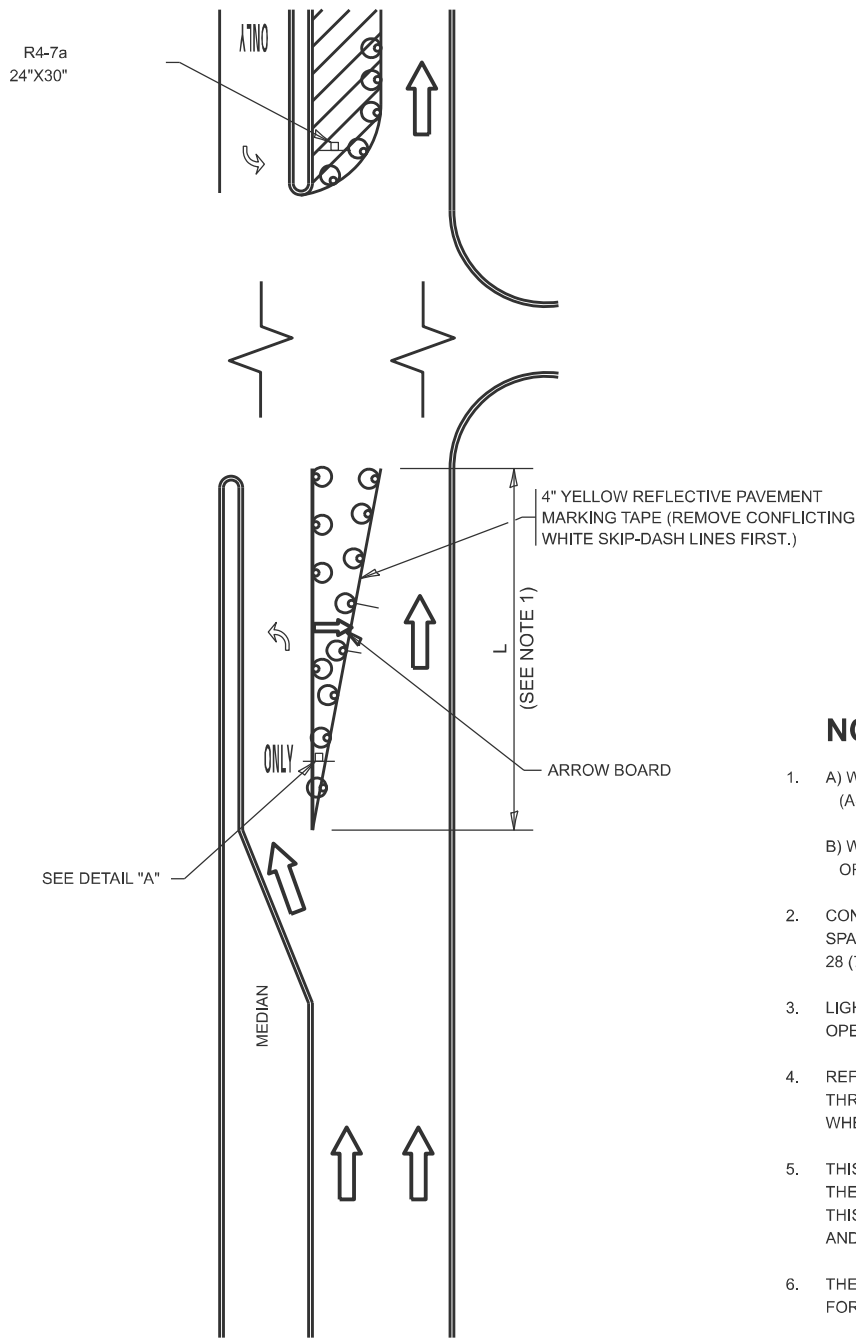


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

- A) WHEN "L" IS $\leq$ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
- 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.
- LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
- 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" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
- TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE
WITHIN A LANE CLOSURE

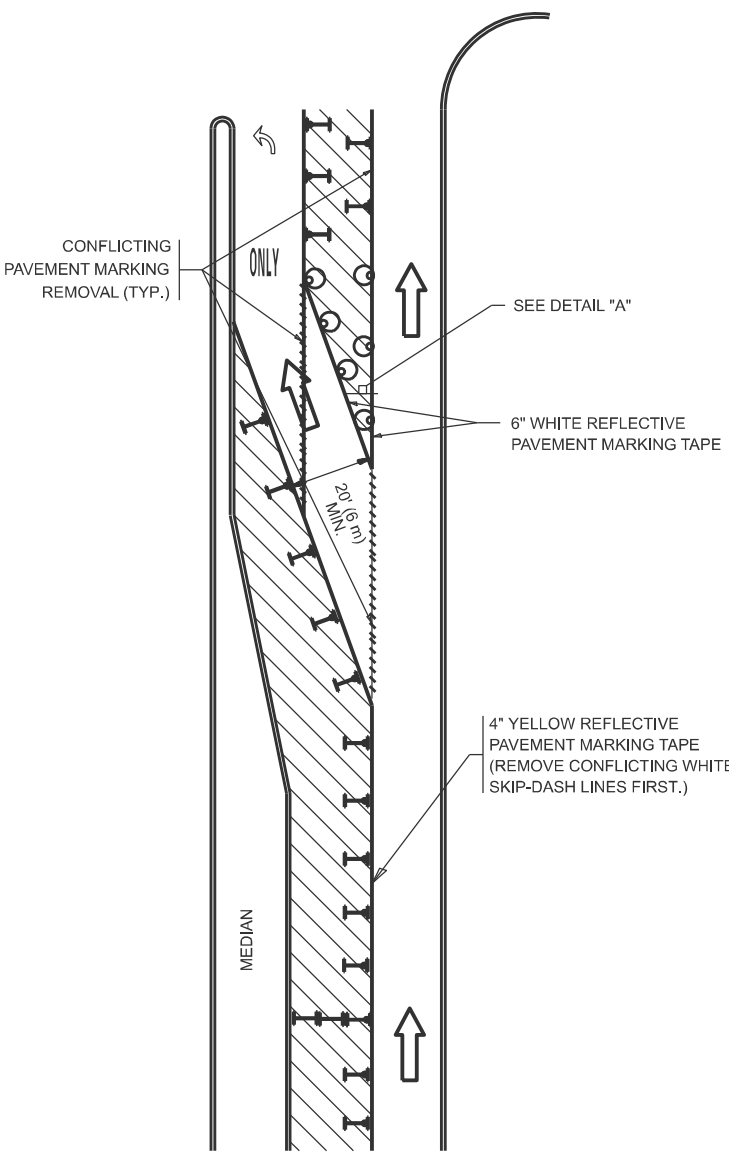
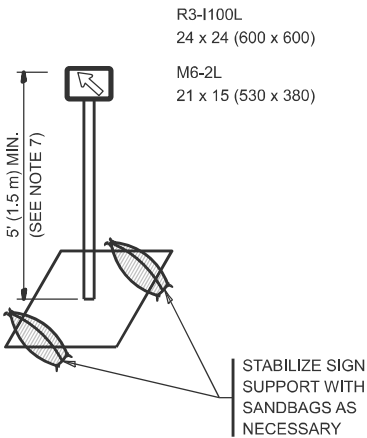


FIGURE 2



DETAIL A

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

MODEL: Plan Single (Sheet)
FILE NAME: Z:\DOTCAD ORD Folder Master\ Master Files\DOTCAD CONNECT\Configuration\Organization\Civil\DOT Standards\Donlib\Sheet Seeds\Civil Named Boundary_SheetSeeds.dgnlib

USER NAME	= eric.l.thomas
DESIGNED	- T. RAMMACHER 09-08-94
DRAWN	- A. HOUSEH 11-07-95
PLOT SCALE	= \$SCALE\$
CHECKED	- A. HOUSEH 10-12-96
DATE	- T. RAMMACHER 01-06-00

REVISED	- R. BORO 09-14-09
REVISED	- A. SCHUETZE 07-01-13
REVISED	- A. SCHUETZE 09-15-16
REVISED	-

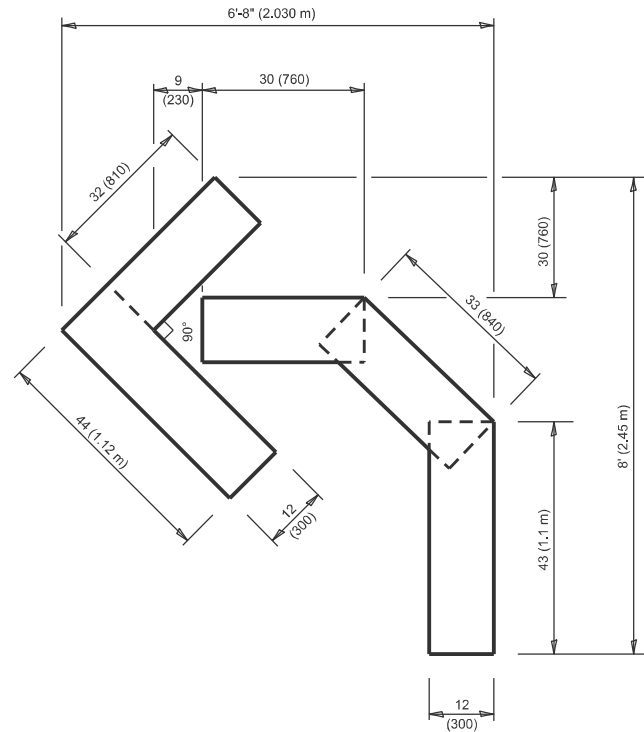
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

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

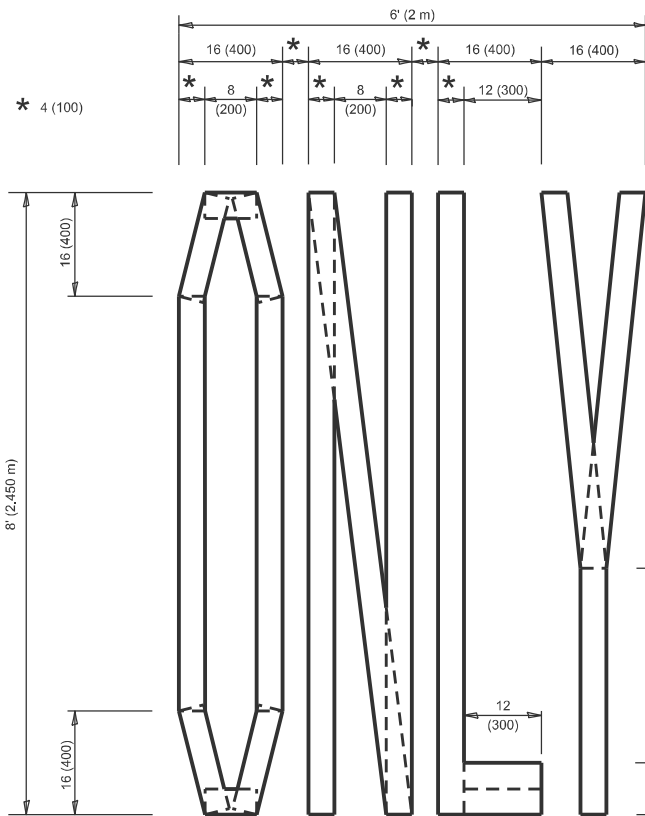
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	36
TC-14		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

MODEL: Plan Single (Sheet)
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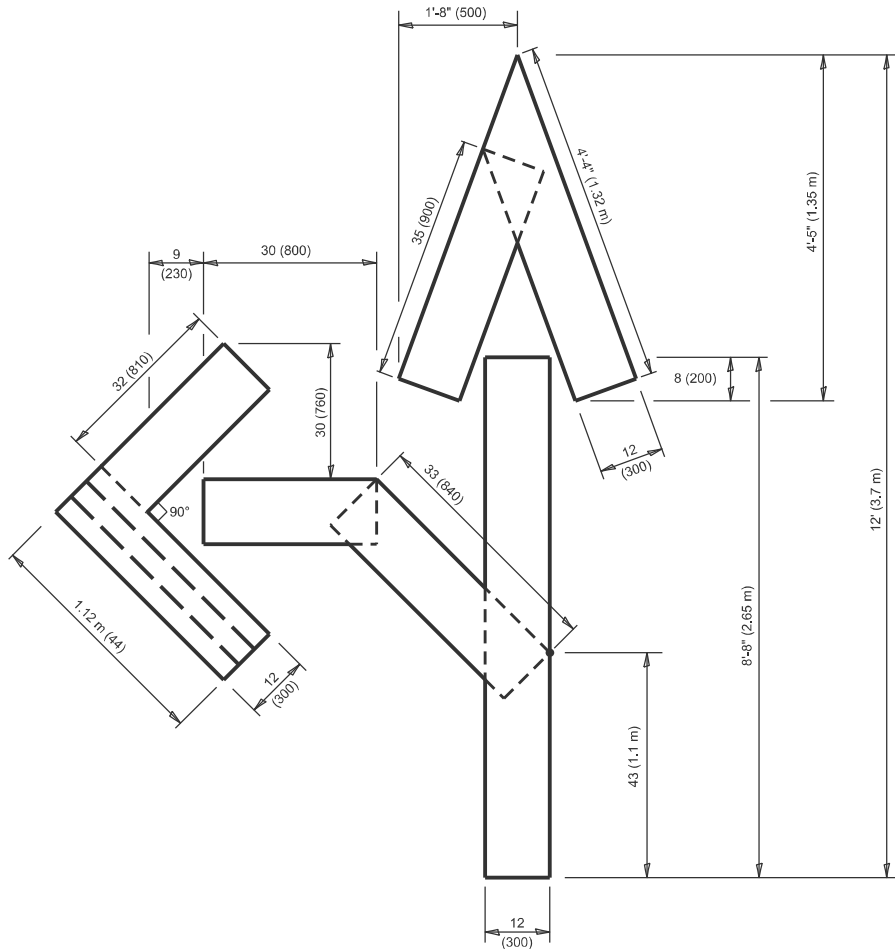
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

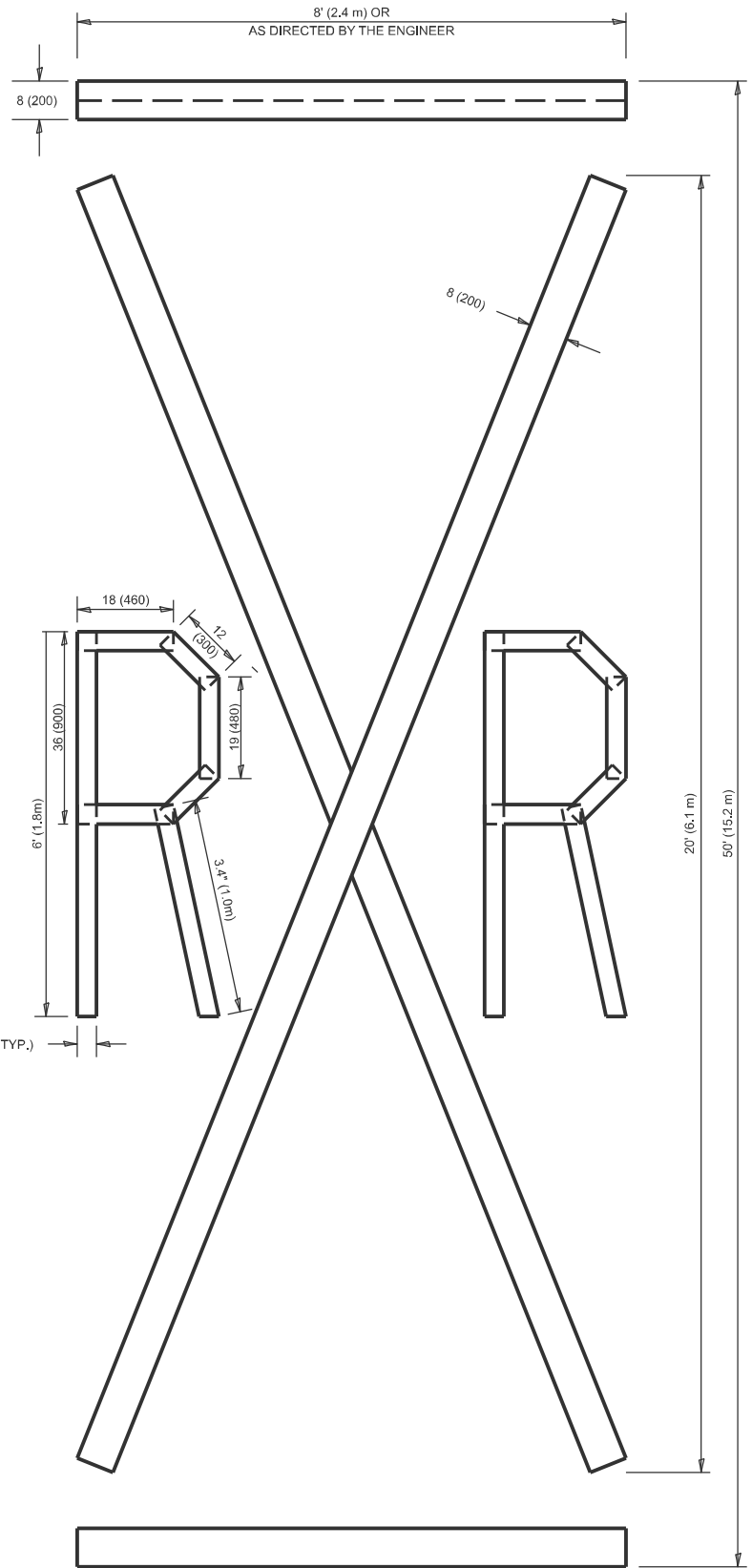


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED
IN LINEAR FEET OF 4" LINES TO MATCH THE
4" TEMPORARY TAPE PAY ITEM AND REPRESENTS
THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

USER NAME = eric.l.thomas	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 8/30/2023	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

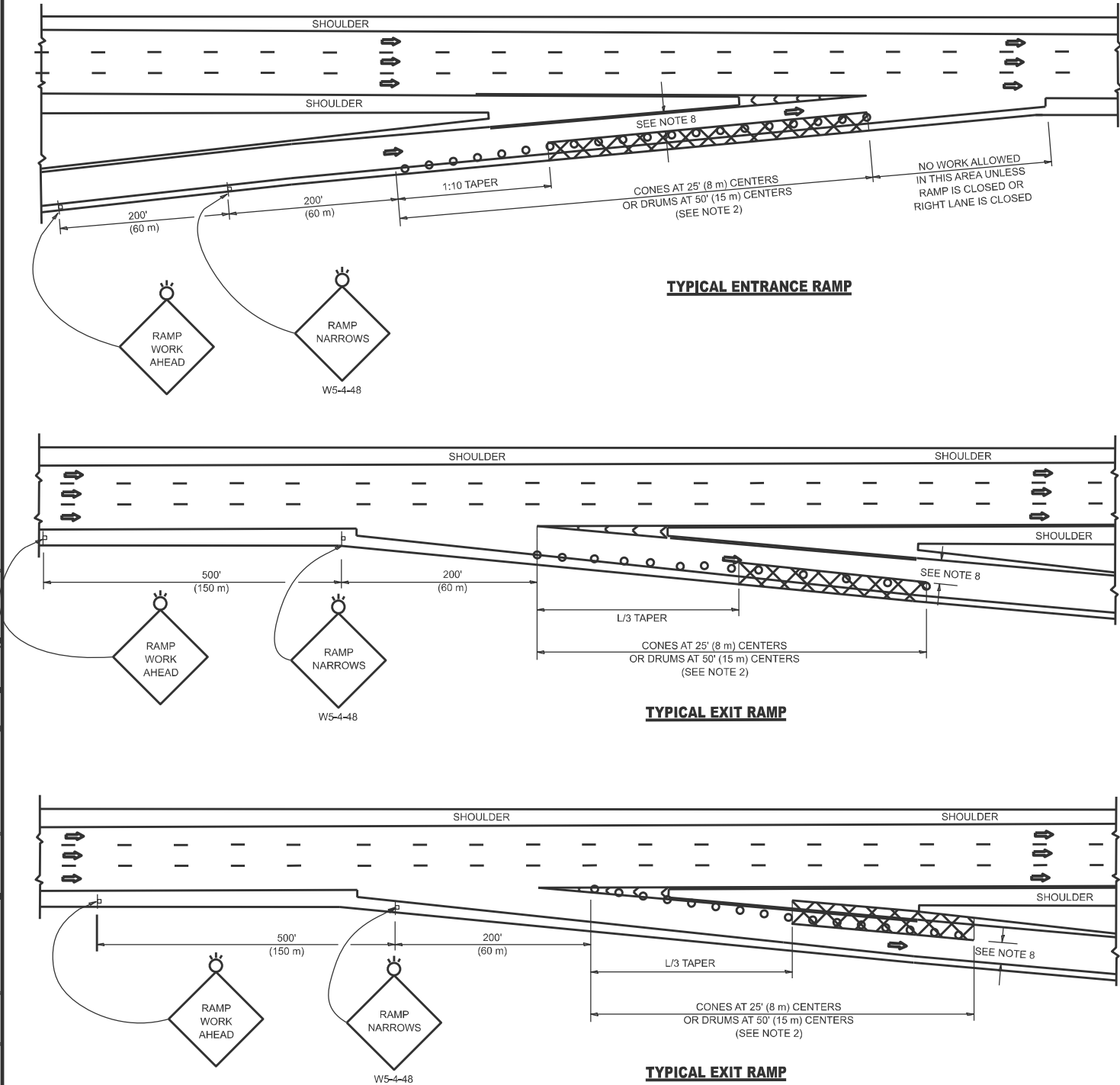
SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(2021-904-HB) BR 24	COOK	38	37
TC-16		CONTRACT NO. 62X24		
ILLINOIS		FED. AID PROJECT		

MODEL: Plan Single (Sheet)
FILE NAME: Z:\DOTCAD_ORD Folder Master\ Master Files\DOTCAD_CONNECT\Configuration\Organization\Civil\DOT Standards\Donlin\Sheet Seeds\Civil Named Boundary_SheetSeeds.dgnlib

PARTIAL RAMP CLOSURE DETAILS



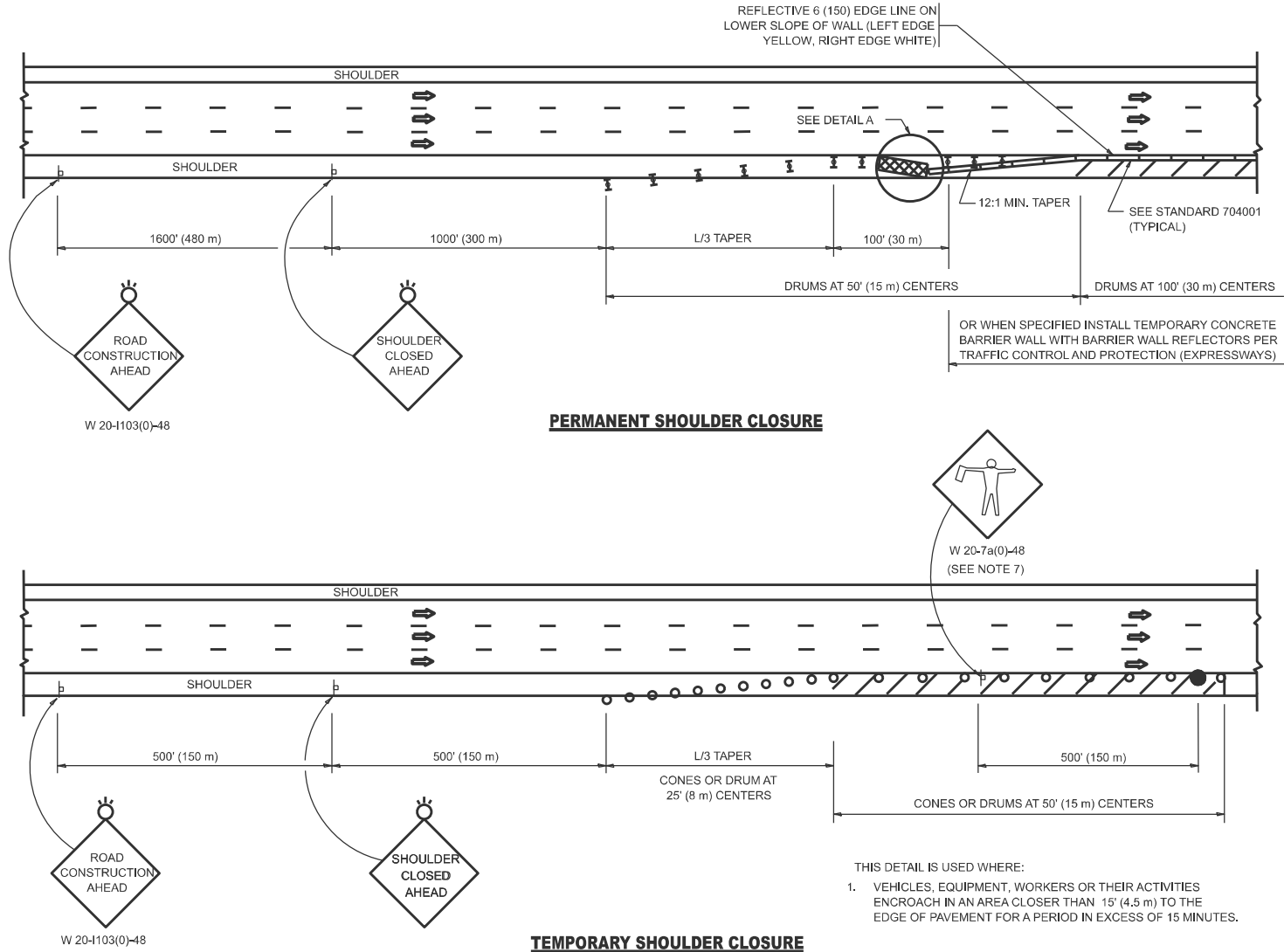
SYMBOLS

- 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



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

PERMANENT SHOULDER CLOSURE

TEMPORARY SHOULDER CLOSURE

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350/MASH COMPLIANT.

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 ENCR OACHMENT 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.

USER NAME = eric.l.thomas	DESIGNED -	REVISED - M.D. 06-13
	DRAWN - D.W.S.	REVISED - M.D. 01-18
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED - M.D. 10-20
PLOT DATE = 8/30/2023	DATE - 11-96	REVISED - D.S. 05-24

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.
90/94	(2021-904-HB) BR 24	COOK	38	38
TC-17		CONTRACT NO. 62X24		
ILLINOIS		FED. AID PROJECT		