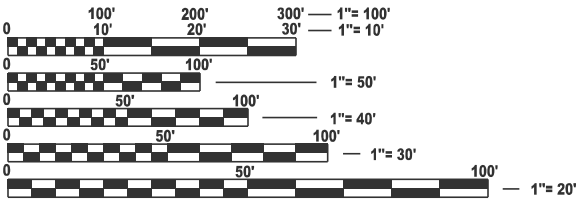


INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, COMMITMENTS
- 3 - 6 SUMMARY OF QUANTITIES
- 7 ALIGNMENT, TIES, AND BENCHMARKS
- 8 REMOVAL PLAN
- 9 ROADWAY AND SIGNING PLAN
- 10 AREA SIGNING PLAN
- 11 SIGNING SCHEDULE AND DETAILS
- 12-13 ADVANCED WARNING SYSTEM AND OVER-HEIGHT DETECTION SYSTEM PLAN AND DETAILS
- 14 LIGHTING AND CAMERA LEGEND AND GENERAL NOTES
- 15 LIGHTING AND CAMERA PLAN
- 16 - 17 LIGHTING AND CAMERA DETAILS
- 18 - 20 FIRE SUPPRESSION SYSTEM PLAN
- 21 FIRE ALARM SYSTEM PLAN
- 22 FIRE ALARM SYSTEM PLAN & ELECTRICAL DISTRIBUTION
- 23 IN-STREAM WORK PLAN
- 24 - 32 STRUCTURAL PLANS

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www.v3co.com



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.

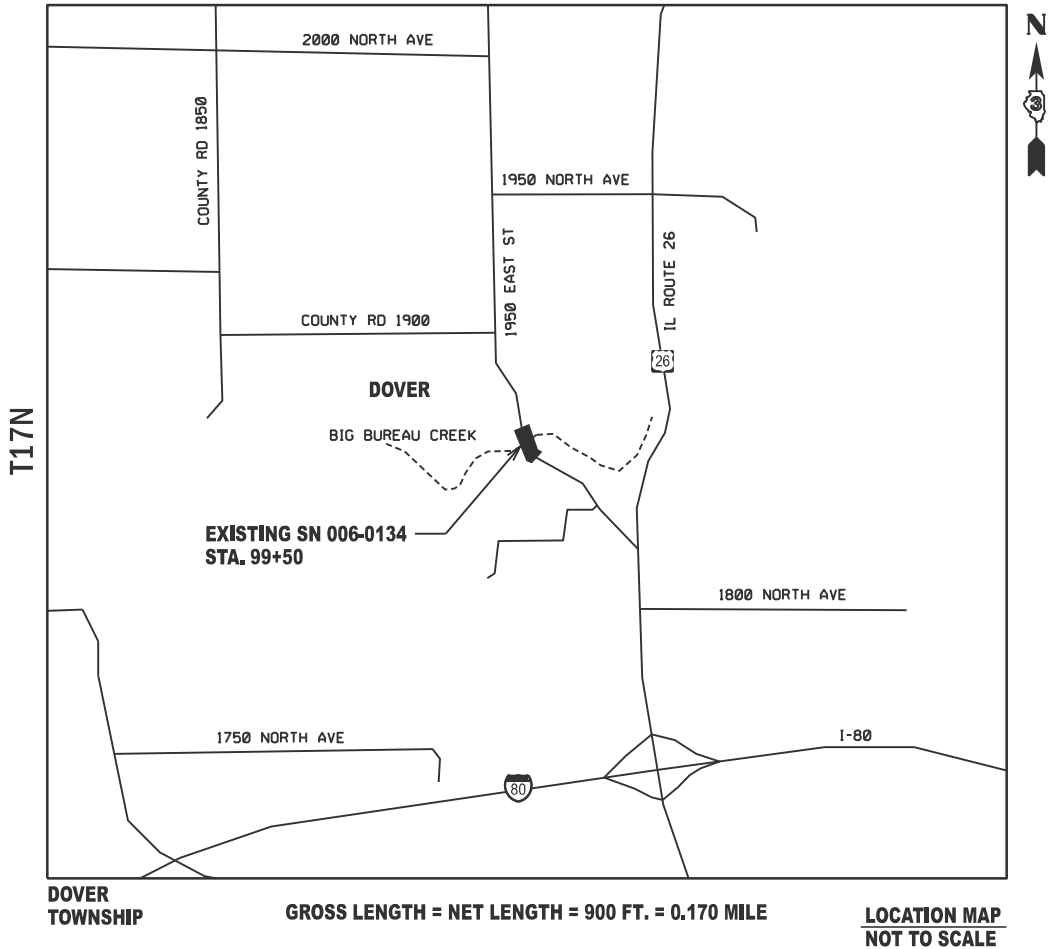
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: DAVID ALEXANDER
SQUAD LEADER: MOHAMED YOUSIF

CONTRACT NO. 66P22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PROPOSED
HIGHWAY PLANS**
TR 246 (OLD DAD JOE TRAIL)
SECTION (ORCB)BRR-1
PROJECT:
BRIDGE, BUILDING, ELECTRICAL, AND SIGNAGE IMPROVEMENTS
BUREAU COUNTY

C-93-094-26
R9E



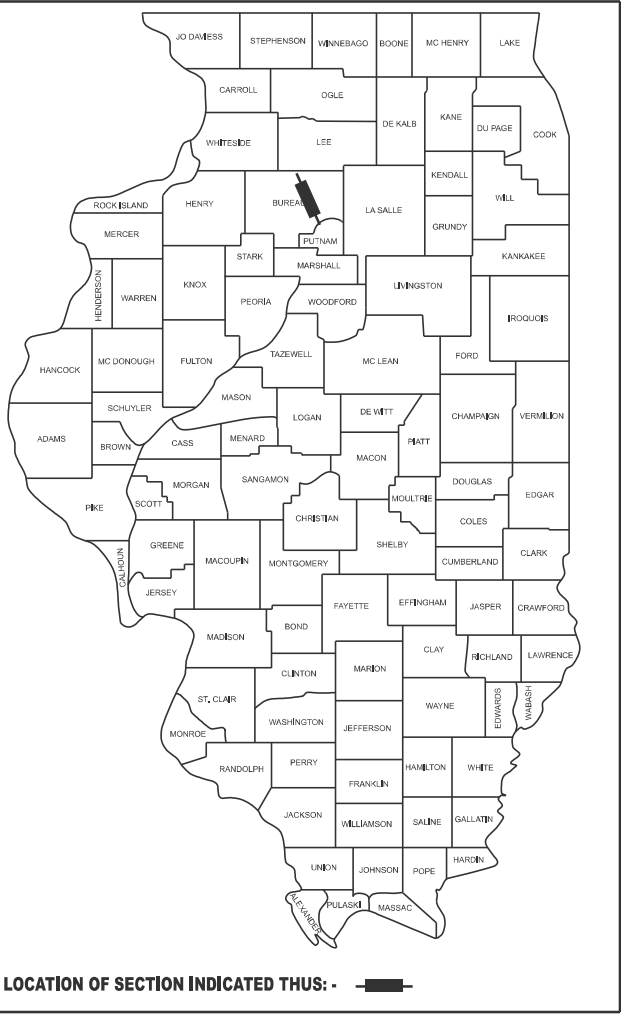
V3 COMPANIES LTD.
JACOB W. BAUER
062-064761
DATE: 05-08-2026
SIGNATURE AND SEAL APPLY TO
SHEETS: 1-13, 23

V3 COMPANIES LTD.
WILLIAM J. VEGRZYN
081-004983
DATE: 05-08-2026
SIGNATURE AND SEAL APPLY TO
SHEETS: 24-32

ABNA
FRANKLIN P. EPPERT
062-024057
DATE: 05-08-26
SIGNATURE AND SEAL APPLY TO
SHEETS: 14-22

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	1
		ILLINOIS	CONTRACT NO. 66P22	

D-93-070-26



1950 EAST STREET (OLD DAD JOE TRAIL) (STA. 95+00 TO STA 104+00)
2017 ADT = 275
P.V. = 100% S.U. = 0,0% M.U. = 0,0%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 21, 2026

REGIONAL ENGINEER

June 26, 2026

ENGINEER OF DESIGN AND ENVIRONMENT

June 26, 2026

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

1.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
2.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8506) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.
3.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND AT NO EXPENSE TO THE DEPARTMENT. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
4.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

CORN BELT ENERGY
5.

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENTS ARE:

ILLINOIS DEPARTMENT OF TRANSPORTATION

COMMITMENTS

COORDINATION WITH PRINCETON FIRE DEPARTMENT IS REQUIRED TO ENSURE A KEY TO THE PUMP HOUSE IS AVAILABLE AND THAT THE NEW SYSTEM CAN BE OBSERVED BEFORE PROECT COMPLETION.

IDOT HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
836001-05	LIGHT POLE FOUNDATION
BLR18-6	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE
BLR21-9	TYPICAL APP OF TRAFFIC CONTROL DEV FOR CONST OF RURAL LOCAL HIGHWAYS
BLR22-7	TYPICAL APP OF TRAFFIC CONTROL DEVICES FOR CONST ON RURAL LOCAL HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

MODEL: 66P22 Sheet Border
FILE NAME: c:\working\pin\source name\cme24801\0366P22-plan-border.dgn

3 V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630 724 9200 phone www.v3co.com	USER NAME =	DESIGNED - KDC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGHWAY STANDARDS, PLAN NOTES AND COMMITMENTS			T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - DRP	REVISED -					246	(ORCB)BRR-1	BUREAU	32	2
		CHECKED - JWB	REVISED -					CONTRACT NO. 66P22				
	PLOT DATE = 05/08/2026	DATE - 05/08/2026	REVISED -		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\&data\source.name\&me24801\0366P22-plan-border.dgn

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
					07A0 - 100% STATE	
					BRIDGE	BRIDGE
					0047	0048
					RURAL	RURAL
*	X0323623	ADVANCED WARNING SYSTEM	EACH	2		2
*	X8891401	OVER-HEIGHT DETECTION SYSTEM	EACH	2		2
*	X0323628	POWER WASHING (FUNGUS REMOVAL)	L SUM	1		1
	X0323625	ELECTRICAL UNIT HEATER	EACH	1	1	
	50700105	TREATED TIMBER	F.B.M.	6,213	6,213	
	50700305	HARDWARE	POUND	520	520	
	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	2	2	
	67100100	MOBILIZATION	L SUM	1	1	
*	72000100	SIGN PANEL - TYPE 1	SQ FT	180		180
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2		2
*	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	9		9
	73000100	WOOD SIGN SUPPORT	FOOT	341		341
	80400100	ELECTRIC SERVICE INSTALLATION	EACH	2		2
	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1



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	DRAWN - DRP	REVISED -
	CHECKED - JWB	REVISED -
PLOT DATE = 05/08/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	3
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				

MODEL: 66P22 Sheet Border
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SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
					07A0 - 100% STATE	
					BRIDGE	BRIDGE
					0047	0048
					RURAL	RURAL
	81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	190	190	
	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	525	525	
	82110005	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E	EACH	1	1	
	87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	2		2
	87502740	TRAFFIC SIGNAL POST, ALUMINUM 20 FT.	EACH	4		4
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6		6
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	170	170	
	X0320023	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	2	2	
	X0323524	REMOVE EXISTING SURVEILLANCE CAMERA EQUIPMENT	EACH	5	5	
	X0323607	FIRE PROTECTION SYSTEM	L SUM	1	1	
	X0324192	PAINTING TIMBER STRUCTURES	SQ FT	4,648	4,648	
	X0324194	CEDAR SHINGLES	SQ FT	2,687	2,687	
	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	490	490	
	X0325531	PVC CONDUIT IN TRENCH, 2" (SCHEDULE 40)	FOOT	231	231	



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	DRAWN - DRP	REVISED -
	CHECKED - JWB	REVISED -
PLOT DATE = 05/08/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 4 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	4
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				

MODEL: 66P22 Sheet Border
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					CONSTRUCTION CODE	
					07A0 - 100% STATE	
SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE	BRIDGE
					0047	0048
					RURAL	RURAL
	X0326618	ADDRESSABLE FIRE ALARM SYSTEM	L SUM	1	1	
	X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	5		5
	X1400238	LUMINAIRE, LED, SPECIAL	EACH	4	4	
	X1400403	LUMINAIRE REPLACEMENT SPECIAL	EACH	4	4	
	X1400508	REMOVAL OF LIGHT POLE ARM AND FIXTURE (SPECIAL), NO SALVAGE	EACH	8	8	
	X5060601	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO.1	L SUM	1	1	
	X5067501	BRIDGE CLEANING AND PAINTING WARRANTY NO. 1	L SUM	1	1	
	X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1	
*	X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	5		5
*	X7200205	SIGN PANEL - TYPE 2 (SPECIAL)	SQ FT	24		24
	X8050204	REMOVE ELECTRIC SERVICE	EACH	1	1	
	X8100863	INTERCEPT EXISTING CONDUIT	EACH	2	2	
	X8250230	PHOTOCELL	EACH	1	1	
	X8301042	MAST ARM, ALUMINUM, 12 FT.	EACH	1	1	

3

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REVISED -

CHECKED - JWB

REVISED -

PLOT DATE

= 05/08/2026

DATE

= 05/08/2026

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE

SHEET 3 OF 4 SHEETS

STA.

TO STA.

T.R.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

246

(ORCB)BRR-1

BUREAU

32

5

CONTRACT NO. 66P22

ILLINOIS

FED. AID PROJECT

*= SPECIALTY ITEM

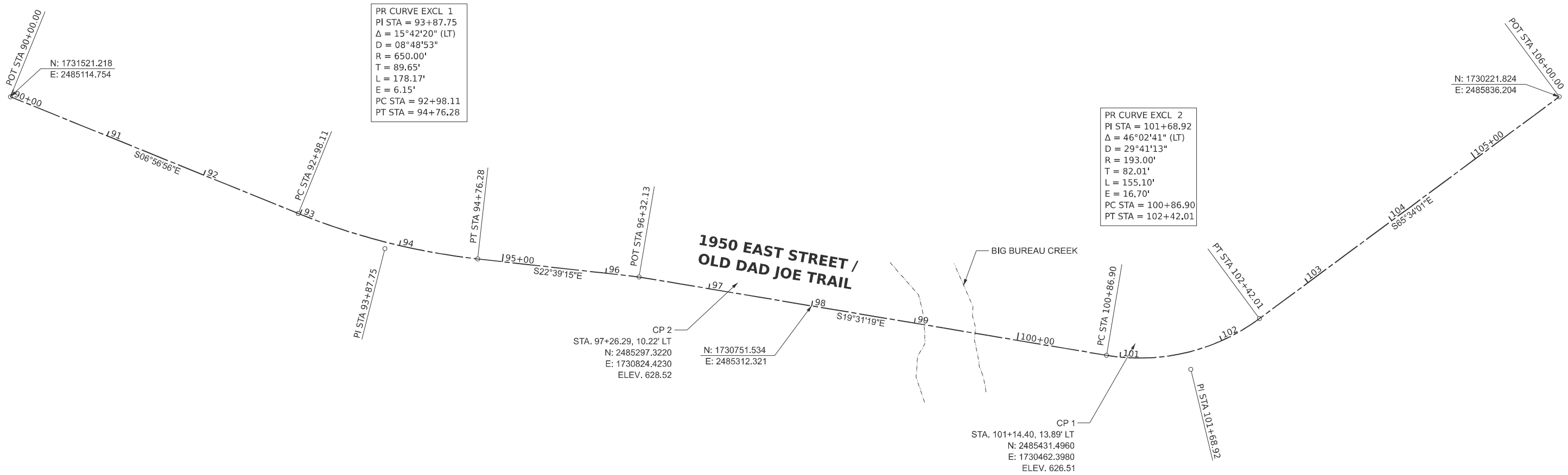
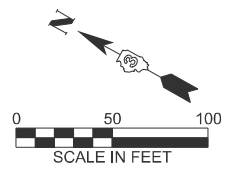
REV. 7/2/26 REV. 6/25/26

					CONSTRUCTION CODE	
					07A0 - 100% STATE	
SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE	BRIDGE
					0047	0048
					RURAL	RURAL

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V3 V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630 724 9200 phone www.v3co.com	USER NAME	=	DESIGNED	-	KDC	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES					T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN	-	DRP	REVISED	-		246	(ORCB)BRR-1	BUREAU	32	6					
			CHECKED	-	JWB	REVISED	-		CONTRACT NO. 66P22									
	PLOT DATE	=	05/08/2026	DATE	-	05/08/2026	REVISED		-									
									SCALE: NONE	SHEET	4	OF	4	SHEETS	STA.	TO STA.		



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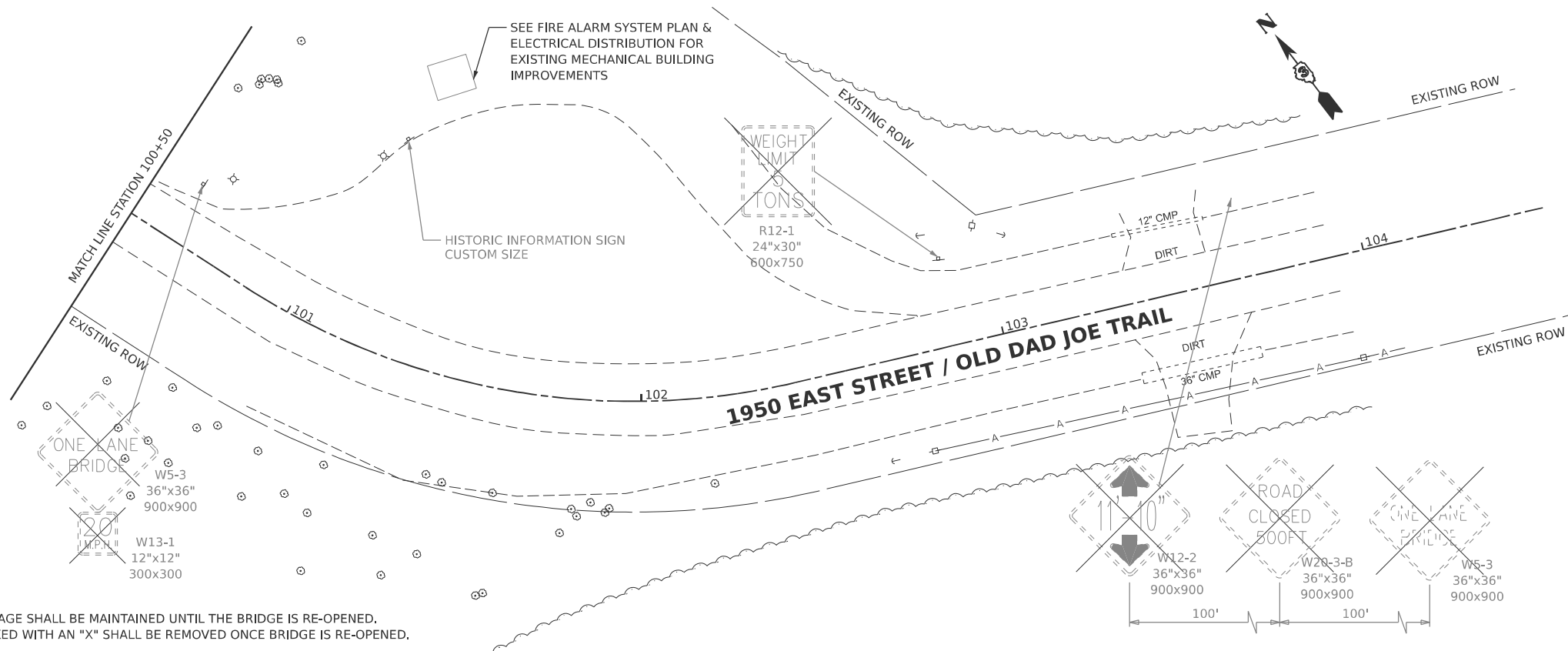
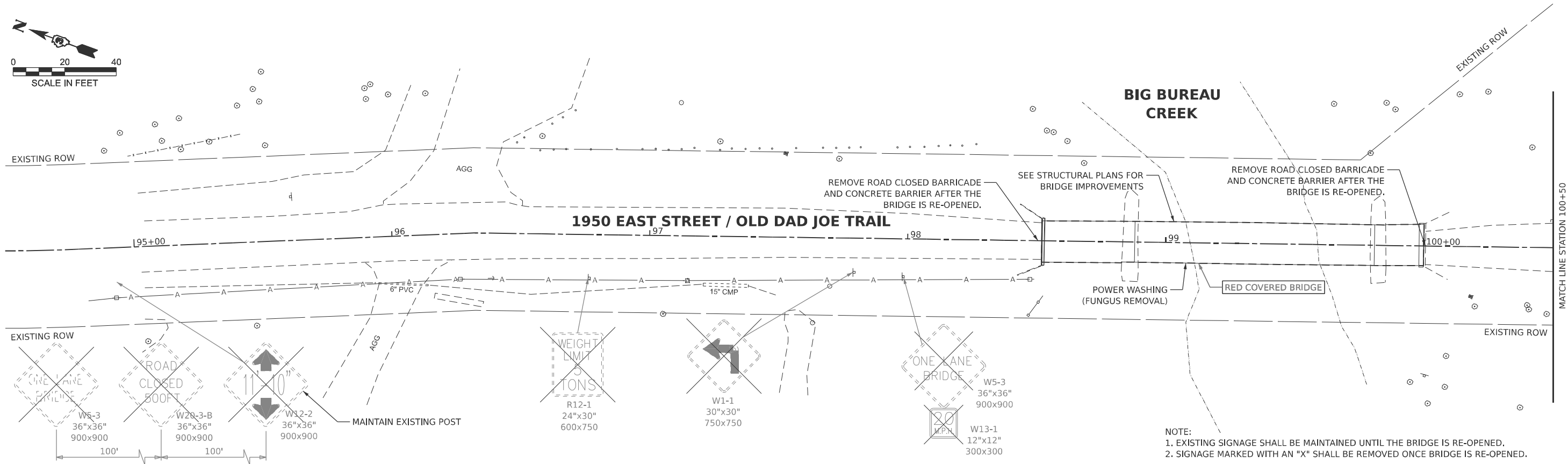
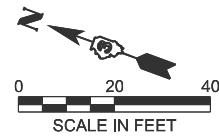
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		CHECKED -	JWB	REVISED -	
PLOT DATE	= 05/08/2026	DATE	= 05/08/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

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

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	7
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				



NOTE:
1. EXISTING SIGNAGE SHALL BE MAINTAINED UNTIL THE BRIDGE IS RE-OPENED.
2. SIGNAGE MARKED WITH AN "X" SHALL BE REMOVED ONCE BRIDGE IS RE-OPENED.

MODEL: 66P22 Sheet Border
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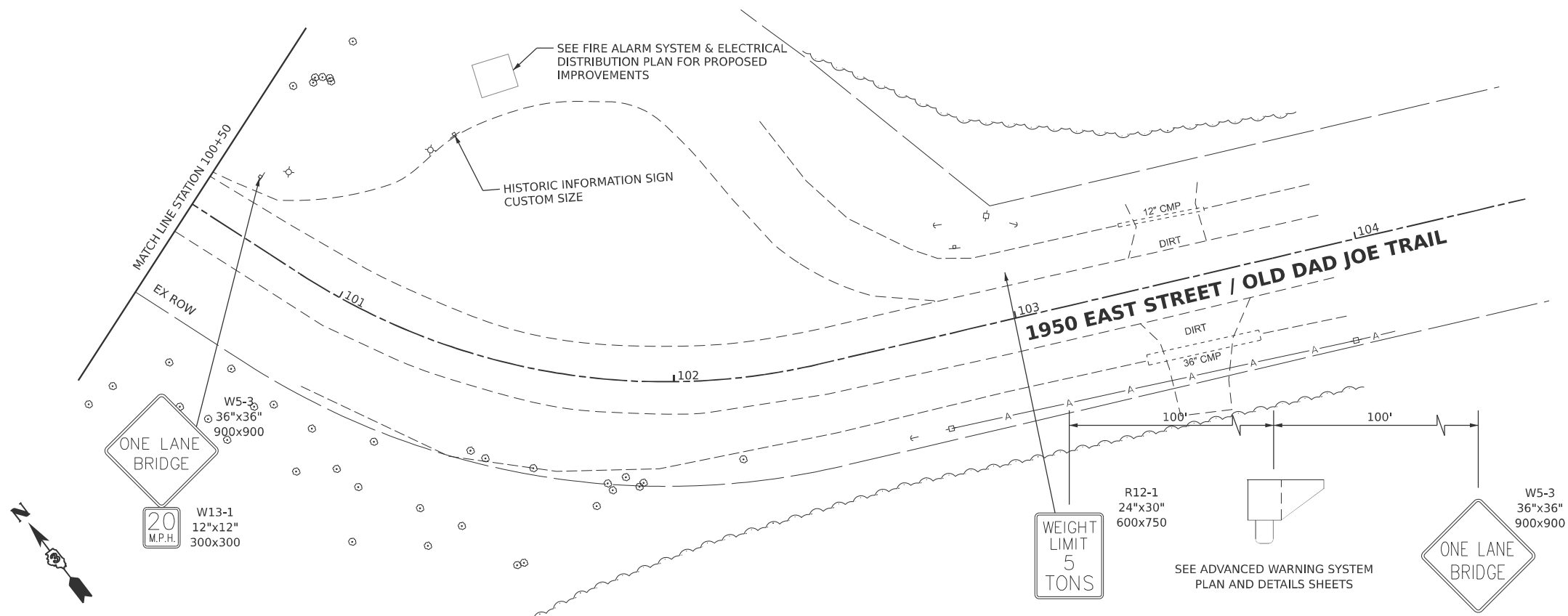
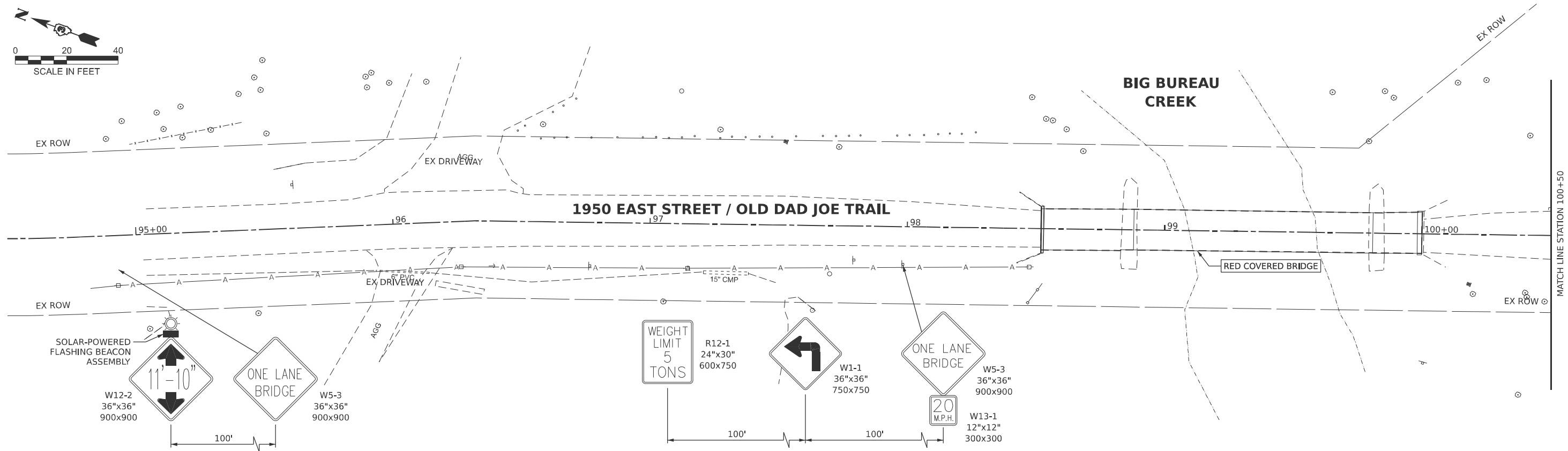
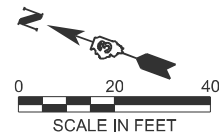
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	DRAWN - DRP	REVISED -
	CHECKED - JWB	REVISED -
PLOT DATE = 05/08/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 94+00.00 TO STA. 105+00.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	8
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				



MODEL: 66P22 Sheet Border
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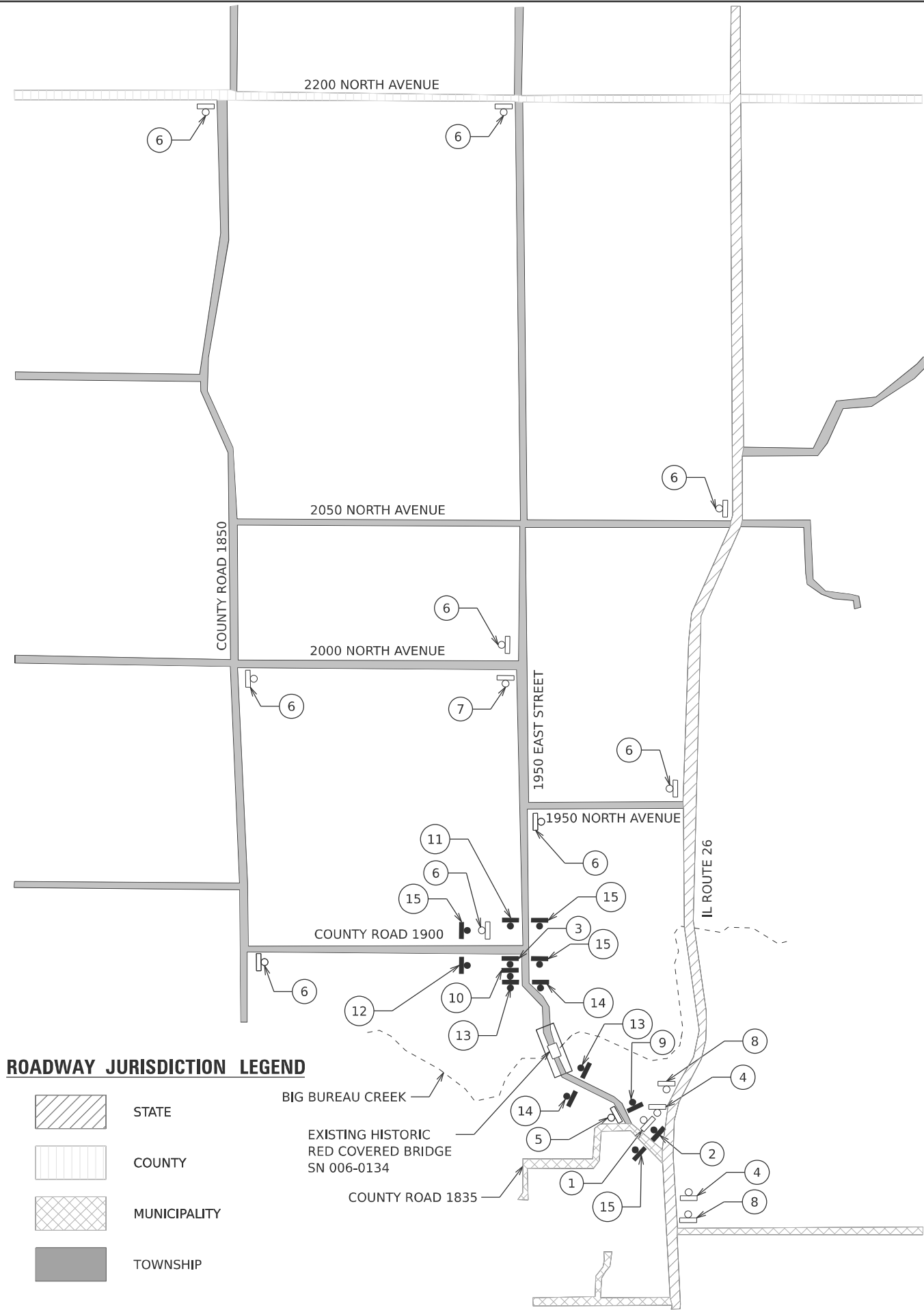
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	DRAWN -	DRP	REVISED -	
	CHECKED -	JWB	REVISED -	
	DATE -	05/08/2026	REVISED -	
PLOT DATE = 05/08/2026		DATE - 05/08/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

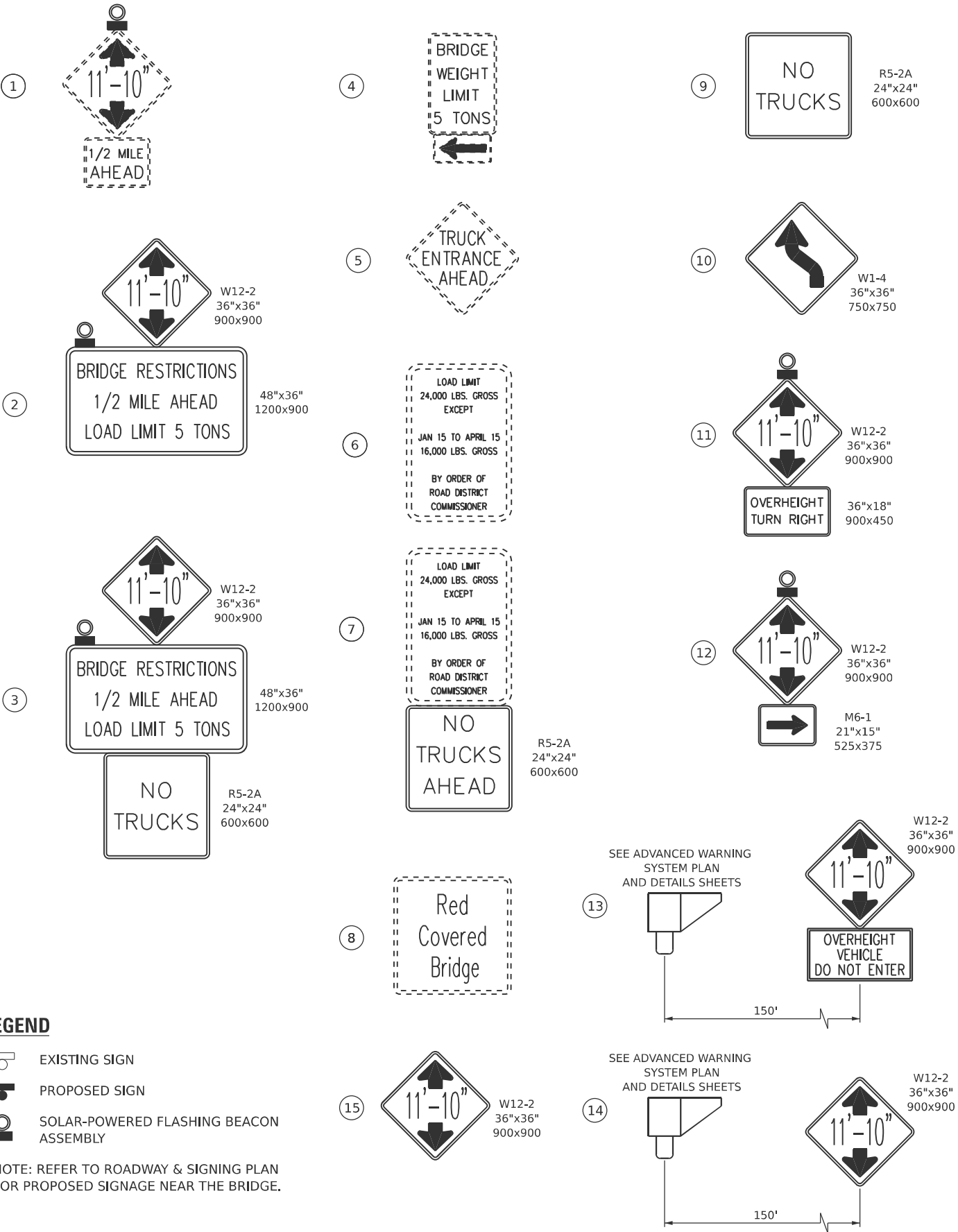
ROADWAY & SIGNING PLAN

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 94+00.00 TO STA. 105+00.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	9
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				



SIGNAGE LEGEND



LEGEND

- EXISTING SIGN
- PROPOSED SIGN
- SOLAR-POWERED FLASHING BEACON ASSEMBLY

NOTE: REFER TO ROADWAY & SIGNING PLAN FOR PROPOSED SIGNAGE NEAR THE BRIDGE.

ROADWAY JURISDICTION LEGEND

- STATE
- COUNTY
- MUNICIPALITY
- TOWNSHIP

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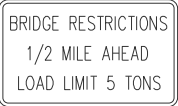
PROPOSED SIGNAGE - 1950 EAST STREET (OLD DAD JOE TRAIL)										
STREET	STATION	OFFSET (FT)	RT/LT	SIGN TYPE	MOUNT TYPE	SIZE (IN)		SIGN PANEL - TYPE 1 (SQ FT)	WOOD SIGN SUPPORT (FT)	SOLAR- POWERED FLASHING BEACON ASSEMBLY (EACH)
						HEIGHT	WIDTH			
1950 East Street (Old Dad Joe Trail)	94+92.68	15	RT	Height Restriction - W12-2	Post	36	36	9.00	16.00	1.00
1950 East Street (Old Dad Joe Trail)	94+92.68	15	RT	One Lane Bridge - W5-3	Post	36	36	9.00	16.00	-
1950 East Street (Old Dad Joe Trail)	97+00.00	15	RT	Turn (Left) - W1-1	Post	36	36	9.00	16.00	-
1950 East Street (Old Dad Joe Trail)	97+00.00	15	RT	Weight Limit 5 Tons - R12-1	Post	30	24	5.00	15.50	-
1950 East Street (Old Dad Joe Trail)	98+00.00	16	RT	One Lane Bridge - W5-3	Post	36	36	9.00	17.00	-
1950 East Street (Old Dad Joe Trail)	98+00.00	16	RT	20 MPH - W13-1	Post	12	12	1.00	-	-
1950 East Street (Old Dad Joe Trail)	100+60.00	10	LT	One Lane Bridge - W5-3	Post	36	36	9.00	17.00	-
1950 East Street (Old Dad Joe Trail)	100+60.00	10	LT	20 MPH - W13-1	Post	12	12	1.00	-	-
1950 East Street (Old Dad Joe Trail)	103+00.00	12	LT	Weight Limit 5 Tons - R12-1	Post	30	24	5.00	15.50	-
1950 East Street (Old Dad Joe Trail)	103+00.00	12	LT	One Lane Bridge - W5-3	Post	36	36	9.00	16.00	-
Total								66	129	1

PROPOSED SIGNAGE - AREA SIGNING PLAN													
STREET	FROM	TO	DIRECTION FACING	SIGNAGE CALLOUT NUMBER	SIGN TYPE	MOUNT TYPE	SIZE (IN)		SIGN PANEL - TYPE 1 (SQ FT)	SIGN PANEL - TYPE 1 (SPECIAL) (SQ FT)	SING PANEL - TYPE 2 (SPECIAL) (SQ FT)	WOOD SIGN SUPPORT (FT)	SOLAR- POWERED FLASHING BEACON ASSEMBLY (EACH)
							HEIGHT	WIDTH					
1950 East Street	1950 North Avenue	County Road 1900	North	11	Height Restriction - W12-2	Post	36	36	9.00	-	-	21.50	1.00
1950 East Street	1950 North Avenue	County Road 1900	North	11	Overheight Turn Right - Custom	Post	10	36	-	4.50	-	-	-
1950 East Street	1950 North Avenue	County Road 1900	North	15	Height Restriction - W12-2	Post	36	36	9.00	-	-	16.00	-
1950 East Street	County Road 1900	Red Covered Bridge	North	3	Bridge Restrictions - Custom	Post	36	48	-	-	12.00	22.00	1.00
1950 East Street	County Road 1900	Red Covered Bridge	North	3	No Trucks - R5-2A	Post	24	24	4.00	-	-	-	-
1950 East Street	County Road 1900	Red Covered Bridge	North	15	Height Restriction - W12-2	Post	36	36	9.00	-	-	16.00	-
1950 East Street	County Road 1900	Red Covered Bridge	North	10	Reverse Turn - W1-4	Post	36	36	9.00	-	-	16.00	-
1950 East Street	County Road 1900	Red Covered Bridge	Northwest	13	Height Restriction - W12-2	Post	36	36	9.00	-	-	-	-
1950 East Street	County Road 1900	Red Covered Bridge	Northwest	14	Height Restriction - W12-2	Post	36	36	9.00	-	-	16.00	-
1950 East Street	2000 North Avenue	1950 North Avenue	North	7	No Trucks Ahead - R5-2A	Ex Post	24	24	4.00	-	-	-	-
County Road 1900	County Road 1850	1950 East Street	West	12	Height Restriction - W12-2	Post	36	36	9.00	-	-	21.25	1.00
County Road 1900	County Road 1850	1950 East Street	West	12	Right Arrow - M6-1	Post	15	21	2.19	-	-	-	-
County Road 1900	County Road 1850	1950 East Street	West	15	Height Restriction - W12-2	Post	36	36	9.00	-	-	16.00	-
1950 East Street	Red Covered Bridge	County Road 1835	Southeast	9	No Trucks - R5-2A	Post	24	24	4.00	-	-	15.00	-
1950 East Street	Red Covered Bridge	County Road 1835	Southeast	13	Height Restriction - W12-2	Post	36	36	9.00	-	-	-	-
1950 East Street	Red Covered Bridge	County Road 1835	Southeast	14	Height Restriction - W12-2	Post	36	36	9.00	-	-	16.00	-
1950 East Street	County Road 1835	IL Route 26	Southeast	2	Bridge Restrictions - Custom	Post	36	48	-	-	12.00	20.00	1.00
1950 East Street	County Road 1835	IL Route 26	Southeast	15	Height Restriction - W12-2	Post	36	36	9.00	-	-	16.00	-
Total									114	5	24	212	4

SIGNAGE REMOVAL - 1950 EAST STREET (OLD DAD JOE TRAIL)							
STREET	STATION	OFFSET (FT)	RT/LT	SIGN TYPE	MOUNT TYPE	REMOVE SIGN PANEL ASSEMBY - TYPE A (EACH)	REMOVE SIGN PANEL ASSEMBY - TYPE B (EACH)
1950 East Street (Old Dad Joe Trail)	94+92.68	15	RT	Height Restriction - W12-2	Ex Post	1.00	-
1950 East Street (Old Dad Joe Trail)	94+92.68	15	RT	Road Closed - W20-3-B	Ex Post	-	1.00
1950 East Street (Old Dad Joe Trail)	94+92.68	15	RT	One Lane Bridge - W5-3	Ex Post	-	1.00
1950 East Street (Old Dad Joe Trail)	96+76.35	17	RT	Weight Limit 5 Tons - R12-1	Ex Post	-	1.00
1950 East Street (Old Dad Joe Trail)	98+00.00	16	RT	One Lane Bridge - W5-3	Ex Post	-	1.00
1950 East Street (Old Dad Joe Trail)	98+00.00	16	RT	20 MPH - W13-1	Ex Post	-	-
1950 East Street (Old Dad Joe Trail)	100+60.00	10	LT	One Lane Bridge - W5-3	Ex Post	-	1.00
1950 East Street (Old Dad Joe Trail)	100+60.00	10	LT	20 MPH - W13-1	Ex Post	-	-
1950 East Street (Old Dad Joe Trail)	97+78.93	14	RT	Turn (Left) - W1-1	Ex Post	-	1.00
1950 East Street (Old Dad Joe Trail)	103+86.96	23	LT	Weight Limit 5 Tons - R12-1	Ex Post	-	1.00
1950 East Street (Old Dad Joe Trail)	103+00.00	12	LT	Height Restriction - W12-2	Ex Post	1.00	-
1950 East Street (Old Dad Joe Trail)	103+00.00	12	LT	Road Closed - W20-3-B	Ex Post	-	1.00
1950 East Street (Old Dad Joe Trail)	103+00.00	12	LT	One Lane Bridge - W5-3	Ex Post	-	1.00
Total						2	9

SIGNING GENERAL NOTES:

1. THE LOCATIONS OF ALL SIGNS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

SIGN PANEL	DESIGNATION, SIZE, NO. SUPPORTS	SHEETING TYPE
	M6-1, 21" X 15", 1 WOOD SUPPORT	ZZ
 	R5-2A, 24" X 24", 1 WOOD SUPPORT OR EXISTING SUPPORT	AP
	R12-1, 24" X 30", 1 WOOD SUPPORT	AP
	W1-1, 36" X 36", 1 WOOD SUPPORT	ZZ
	W1-4, 36" X 36", 1 WOOD SUPPORT	ZZ
	W5-3, 36" X 36", 1 WOOD SUPPORT	ZZ
	W12-2, 36" X 36", 1 WOOD SUPPORT	ZZ
	W13-1, 12" X 12", 1 WOOD SUPPORT	ZZ
	CUSTOM, 36" X 18", 1 WOOD SUPPORT	ZZ
	CUSTOM, 48" X 36", 2 WOOD SUPPORTS	AP



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630 724 9200 phone
www.v3co.com

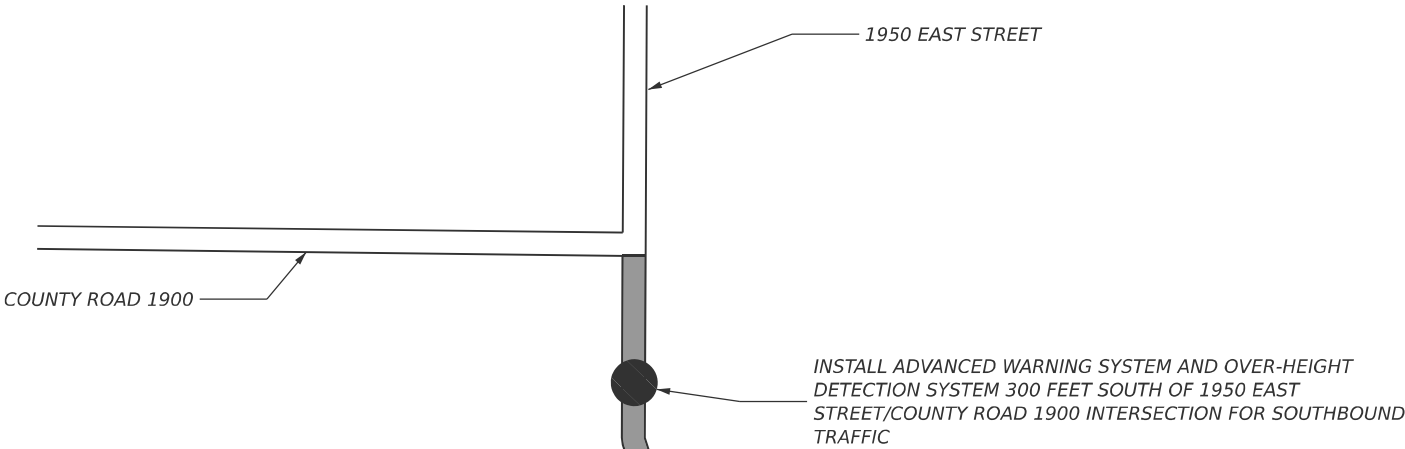
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	DRAWN - DRP	REVISED -
	CHECKED - JWB	REVISED -
PLOT DATE = 05/08/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

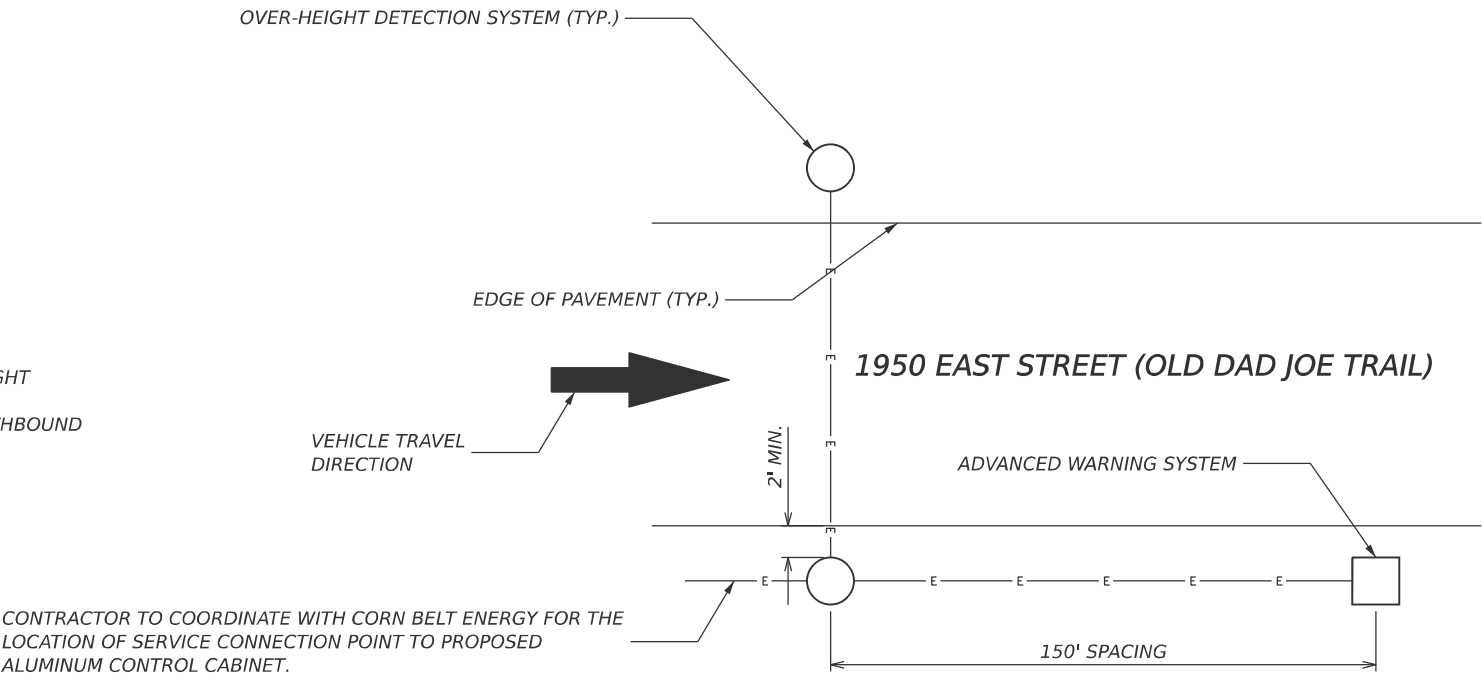
SIGNING SCHEDULE AND DETAILS

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

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	11
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				



1950 EAST STREET (OLD DAD JOE TRAIL) MAP VIEW
NOT TO SCALE



ADVANCED WARNING SYSTEM AND OVER-HEIGHT DETECTION
SYSTEM INSTALLATION PLAN VIEW

MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\source\name\dms24801\0366P22-plan-border.dgn

NOTES

1.

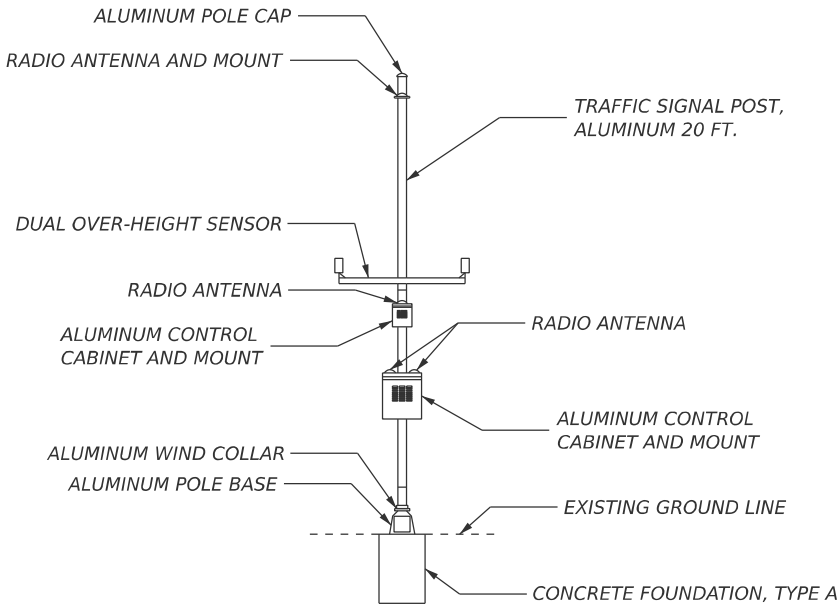
THE LOCATIONS OF ALL ADVANCED WARNING EQUIPMENT SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
2.

BEFORE INSTALLATION OF OVER-HEIGHT WARNING SYSTEM AND ADVANCED WARNING SYSTEM, ENSURE ANY NECESSARY DIGGING AND UNDERGROUND CONDUITS ARE CORRECTLY POSITIONED.
3.

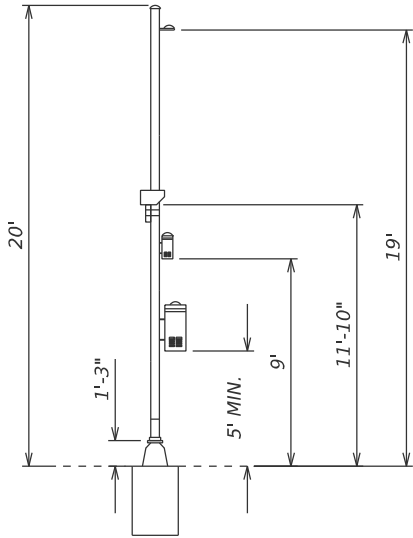
VERTICAL HEIGHTS OF THE INFRARED TRANSMITTER/RECEIVER PAIR WILL BE 1 IN. BELOW THE POSTED HEIGHT OF THE ASSET - THE HEIGHT WILL NEED TO BE MEASURED FROM THE LOWEST POINT IN THE ROAD.
4.

SENSORS WILL BE PLACED ADJACENT TO ROADSIDE AND AIMED ACROSS THE ROADWAY TO INTERSECT WITH THE VEHICLES AT RISK.
5.

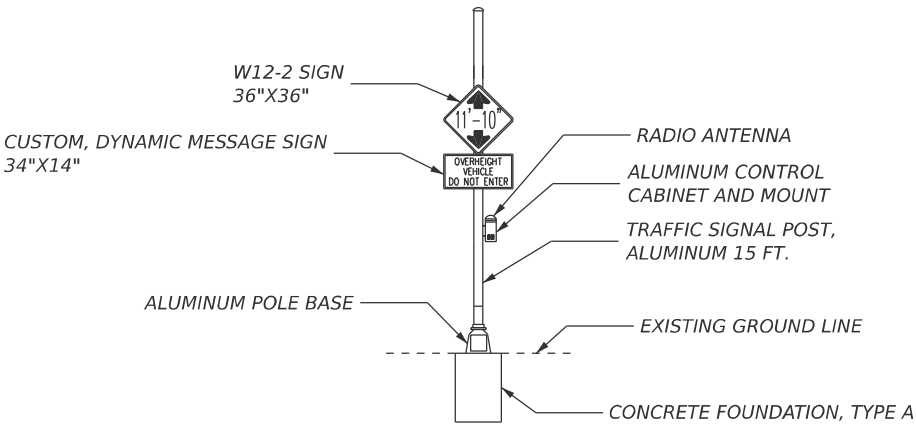
POSITION THE ASSEMBLIES OF THE PEDESTAL SO THE PEDESTAL DOORS WILL BE AWAY FROM TRAFFIC.



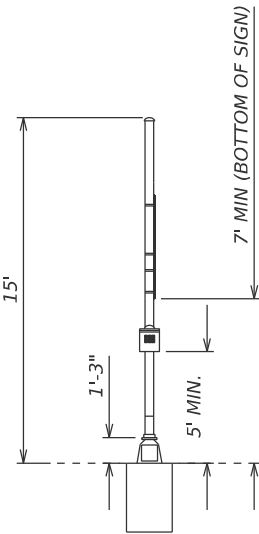
OVER-HEIGHT DETECTION SYSTEM
FRONT VIEW



OVER-HEIGHT DETECTION SYSTEM
SIDE VIEW



ADVANCED WARNING SYSTEM
FRONT VIEW



ADVANCED WARNING SYSTEM
SIDE VIEW

MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\source\name\name24801\0366P22-plan-border.dgn



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630 724 9200 phone
www.v3co.com

USER NAME	=	DESIGNED	-	KDC	REVISED	-	
		DRAWN	-	DRP	REVISED	-	
		CHECKED	-	JWB	REVISED	-	
PLOT DATE	=	05/08/2026	DATE	-	05/08/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADVANCED WARNING SYSTEM AND
OVER-HEIGHT DETECTION SYSTEM DETAILS

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	13
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				

ELECTRICAL GENERAL NOTES:

1.

THE LOCATIONS OF EXISTING ELECTRICAL POWER LINES, TELEPHONES LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
2.

ALL CONDUITS AND EQUIPMENT MOUNTED ON THE BRIDGE SHALL BE CONCEALED WHENEVER POSSIBLE. WHERE NOT POSSIBLE, CONTRACTOR SHALL CONFIRM LOCATION WITH ENGINEER IN FIELD PRIOR TO INSTALLATION.ALL EXPOSED CONDUITS, JUNCTION BOXES, MOUNTING BRACKETS, ETC. SHALL BE PAINTED TO MATCH SURROUNDING SURFACE. THE HEAT WIRE DETECTOR SHALL NOT BE PAINTED.
3.

ALL EXPOSED CONDUITS SHALL BE RIGID GALVANIZED STEEL. ALL UNDERGROUND CONDUITS SHALL BE PERMITTED TO BE PVC.
4.

CONTRACTOR SHALL CONFIRM FINAL AIMING AND ZOOMING OF CAMERAS AND AIMING OF THE FLOODLIGHTS WITH ENGINEER IN FIELD.
5.

CONTRACTOR SHALL CONFIRM AND TURN OVER ALL SOFTWARE PROVIDED WITH VIDEO SURVEILLANCE SYSTEM TO ENGINEER IN FIELD.
6.

ALL CONDUITS SHALL BE PROVIDED WITH AN INSULATED COPPER EQUIPMENT GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH 2026 NEC OR AS INDICATED ON THE DRAWINGS.
7.

CONTRACTOR SHALL BE RESPONSIBLE FOR BONDING AND GROUNDING ALL CONDUITS AS REQUIRED BY THE 2026 NEC.
8.

CAMERAS SHALL BE GROUNDED PER MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH THE 2026 NEC.
9.

ALL CLEARING AND GRUBBING SHALL BE INCLUDED IN THE COST OF THE RELATED CONDUIT ITEMS.
10.

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS UNTIL THE OWNER, HIS AGENT, PROFESSIONAL LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
11.

THE CONTRACTOR IS RESPONSIBLE FOR STABILITY OF THE SIDES OF THE EXCAVATION.

MECHANICAL GENERAL NOTES:

1.

CONTRACTOR IS RESPONSIBLE FOR THE EXECUTION OF THIS WORK AND SHALL BECOME THOROUGHLY FAMILIAR WITH THE PROJECT SPECIFICATIONS BEFORE COMMENCING ANY WORK. THE PROJECT SPECIFICATION AND DRAWINGS FORM THE BASIS OF THE CONTRACT REQUIREMENTS AND INCLUDE THE TYPE AND GRADE OF MATERIALS TO BE INSTALLED, EQUIPMENT TO BE FURNISHED, THE MANNER BY WHICH TO BE INSTALLED AND WHERE TO BE LOCATED.
2.

SPRINKLERS LOCATIONS SHOWN ON THESE PLANS ARE EXISTING LOCATIONS WHERE NEW SPRINKLERS SHALL BE LOCATED.
3.

ALL PIPING, FITTINGS AND JOINTS IN SPRINKLER AND STANDPIPE SYSTEMS SHALL CONFORM TO NFPA 13.
4.

VALVES SHALL BE READILY ACCESSIBLE FROM A SAFE HEIGHT AND ARE TO BE CLEAR OF ALL OBSTRUCTION AND THEIR OPERATION SHALL NOT BE ENCUMBERED BY ANY DEVICE OR EQUIPMENT.
5.

THE SPRINKLER CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THEIR WORK WITH THE REPAIR OF THE STRUCTURAL SYSTEM, REPLACEMENT OF LIGHTING FIXTURES, REPLACEMENT OF SPRINKLER HEAD/MAINS AND OTHER OBSTRUCTIONS.
6.

ACCURATE SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO THE FIELD INSTALLATION.
7.

SPRINKLER CONTRACTOR SHALL HYDROSTATICALLY TEST ALL SPRINKLER AND STANDPIPE PIPING IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.

BILL OF MATERIALS

DESCRIPTION	UNIT	Total Quantity
ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	2
MOBILIZATION	L SUM	1
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	190
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	525
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	170
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	2
REMOVE EXISTING SURVEILLANCE CAMERA EQUIPMENT	EACH	5
FIRE PROTECTION SYSTEM	L SUM	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	490
PVC CONDUIT IN TRENCH, 2" (SCHEDULE 40)	FOOT	231
ADDRESSABLE FIRE ALARM SYSTEM	L SUM	1
LUMINAIRE, LED, SPECIAL	EACH	4
LUMINAIRE REPLACEMENT SPECIAL	EACH	4
REMOVE LUMINAIRE, COMPLETE	EACH	8
TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
REMOVE ELECTRIC SERVICE	EACH	1
MAST ARM, ALUMINUM, 12 FT.	EACH	1
WOOD POLE, 25 FT, CLASS 4	EACH	1
REMOVE EXISTING CONDUIT ATTACHED TO STRUCTURE	FOOT	132
REMOVE EXISTING LIGHTING CONTROLLER	EACH	1
GROUND ROD, 8', COPPER CLAD	EACH	1
ELECTRICAL UNIT HEATER	EACH	1
POWER OVER ETHERNET EXTENDER	EACH	1
PHOTOCELL	EACH	1
INTERCEPT EXISTING CONDUIT	EACH	2

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PLOT DATE = 05/08/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND BILL OF MATERIALS
RED COVERED BRIDGE NO. 006-0134

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

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	14
CONTRACT NO. 66P22				
		ILLINOIS	FED. AID PROJECT	

LEGENDS

-  FLOOD LIGHT TO BE REPLACED ON EXISTING POLE, TENON MOUNT (WITH LED FLOODLIGHT)
-  PROPOSED FLOOD LIGHT TO BE INSTALLED, TENON MOUNT
-  EXISTING SECURITY CAMERA TO BE REMOVED
-  EXISTING SECURITY CAMERA TO BE REPLACED WITH PROPOSED SECURITY CAMERA ON EXISTING POLE
-  PROPOSED SECURITY CAMERA
-  EXISTING LUMINAIRE TO BE REMOVED
-  PROPOSED WALL PACK LUMINAIRE, KNUCKLE MOUNT, INSIDE BRIDGE
-  PROPOSED LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E WITH MAST ARM, ALUMINUM, 12 FT
-  PROPOSED WOOD POLE
-  EXISTING CONDUIT AND ELECTRICAL CABLES TO BE REMOVED
-  PROPOSED CONDUITS AND ELECTRICAL CABLES, TYPE AND SIZE AS SPECIFIED
-  EXISTING CONDUIT AND FIBER OPTIC CABLE TO BE REMOVED
-  PROPOSED CONDUIT AND FIBER OPTIC CABLE, TYPE AND SIZE AS SPECIFIED
-  EXISTING 2" PVC CONDUIT TO BE MAINTAINED (BELOW GRADE)
-  EXISTING UNDERGROUND FIRE PROTECTION WATER LINE TO BE MAINTAINED
-  EXISTING UNDERGROUND FIRE DETECTION LOOP TO BE REPLACED
-  EXISTING UNDERGROUND FIRE ALARM LOOP TO BE REPLACED

CABLE AND CONDUIT TAGS FOR LIGHTING

-  EXISTING 2" PVC CONDUIT AND WIRE TO BE MAINTAINED (BELOW GRADE)
-  PROPOSED WIRE IN PROPOSED 2" PVC CONDUIT (BELOW GRADE)
-  PROPOSED WIRE IN PROPOSED 2" RGS CONDUIT (MOUNTED TO STRUCTURE)
-  PROPOSED WIRE IN EXISTING 2" RGS CONDUIT (MOUNTED TO STRUCTURE)

CABLE AND CONDUIT TAGS FOR COMMUNICATION

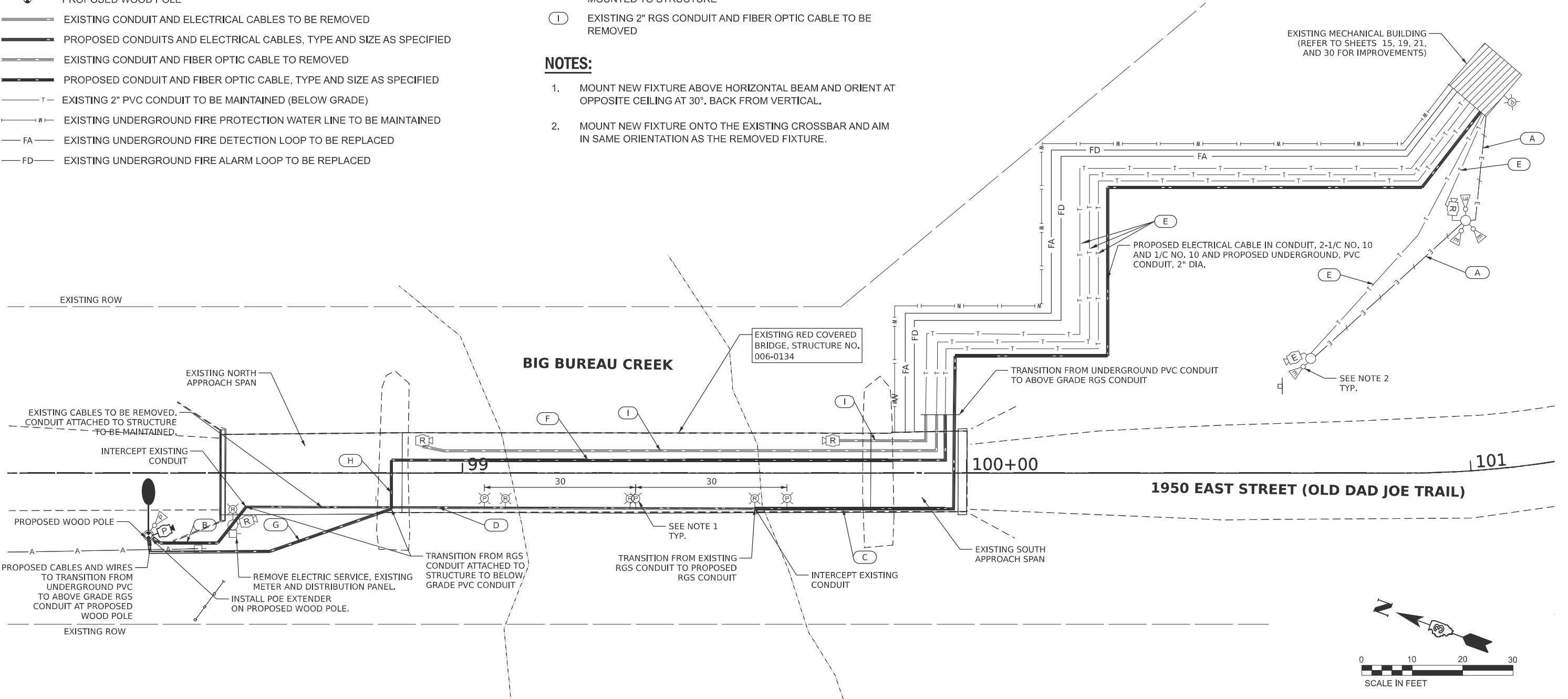
-  PROPOSED FIBER OPTIC CABLE IN EXISTING 2" PVC CONDUIT. EXISTING CONDUIT TO BE MAINTAINED (BELOW GRADE)
-  PROPOSED WIRE AND FIBER OPTIC CABLE IN PROPOSED 2" RGS CONDUIT MOUNTED TO STRUCTURE
-  PROPOSED FIBER OPTIC CABLE IN PROPOSED 2" PVC CONDUIT (BELOW GRADE)
-  PROPOSED FIBER OPTIC CABLE IN PROPOSED 2" RGS CONDUIT MOUNTED TO STRUCTURE
-  EXISTING 2" RGS CONDUIT AND FIBER OPTIC CABLE TO BE REMOVED

NOTES:

1. MOUNT NEW FIXTURE ABOVE HORIZONTAL BEAM AND ORIENT AT OPPOSITE CEILING AT 30°. BACK FROM VERTICAL.
2. MOUNT NEW FIXTURE ONTO THE EXISTING CROSSBAR AND AIM IN SAME ORIENTATION AS THE REMOVED FIXTURE.

LIGHTING SCHEDULE

-  &  ARCHITECTURAL FLOODLIGHT, LED, 10,000 LUMENS NOMINAL, 3000K, 80 CRI, DIE CAST HOUSING, BLACK FINISH, TENON MOUNTED VIA SLIPFITTER KNUCKLE. KIM #KFL3 40L-90 3K8 M UNV S BLT, OR APPROVED EQUAL
-  ARCHITECTURAL FLOODLIGHT, LED, 4,000 LUMENS NOMINAL, 3000K, 80 CRI, DIE CAST HOUSING, MATCH STRUCTURE COLOR, KNUCKLE MOUNTED. KIM #KFL1 16L-40 3K8 MF UNV K DBT, OR APPROVED EQUAL
-  ROADWAY LIGHTING, LED, 9,000 LUMENS NOMINAL, 3000K, ≥ 70 CRI, DIE CAST, GRAY FINISH, MAST ARM MOUNTED. EVOLVE #ERL1 0_09_C3_30_D_GRAY_AGILR, OR APPROVED EQUAL



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		DRAWN	-	LNK	REVISED	-
		CHECKED	-	TP	REVISED	-
PLOT DATE	=	DATE	-	05/08/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL, LIGHTING & CAMERA PLAN
RED COVERED BRIDGE NO. 006-0134

SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	15
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				

ELECTRICAL NOTES:

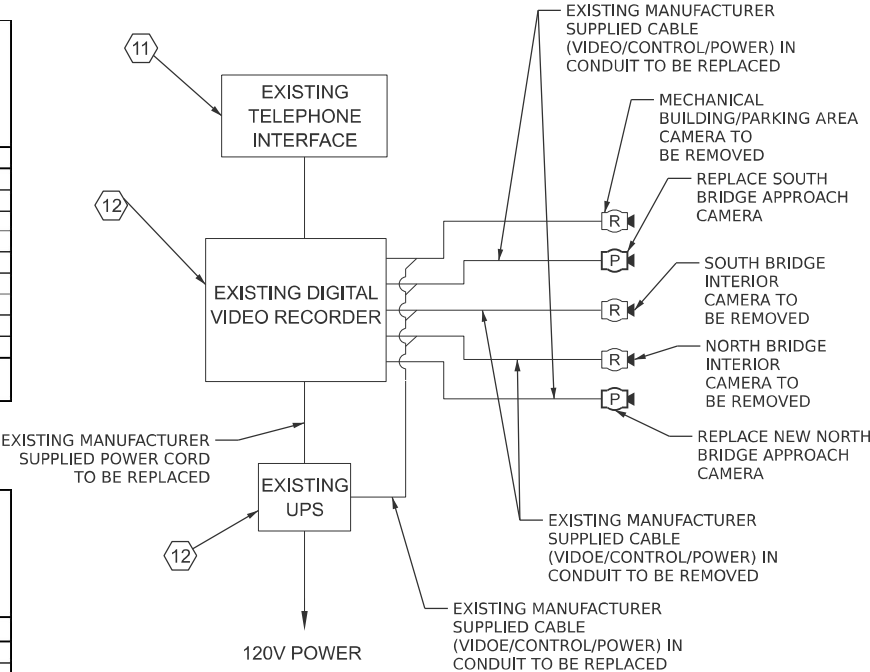
1.
- EXISTING FIRE PROTECTION SYSTEM STATUS PANEL TO REMAIN.
2.
- EXISTING FLOAT JUNCTION BOX TO REMAIN.
3.
- EXISTING FIRE ALARM CONTROL PANEL TO REMAIN.
4.
- EXISTING FIRE PUMP CONTROLLER TO REMAIN.
5.
- EXISTING PANEL PP1. 120/208,100A, 3 PHASE,4 WIRE, 18 CIRCUITS PANELBOARD TO REMAIN.
6.
- EXISTING ELECTRICAL METER TO REMAIN.
7.
- EXISTING TELEPHONE SERVICE INTERFACE TO REMAIN.
8.
- EXISTING FIRE PUMP TO REMAIN.
9.
- EXISTING INCANDESCENT LIGHTS TO REMAIN.
10.
- EXISTING UNIT HEATER TO BE REPLACED.
11.
- EXISTING VIDEO MONITORING SYSTEM WEB INTERFACE TO BE REPLACED.
12.
- EXISTING DIGITAL VIDEO RECORDER (DVR) AND UPS TO BE REPLACED.
13.
- EXISTING 2 POLE, 30AMP, LIGHTING CONTACTOR WITH 120V COIL TO REMAIN.
14.
- EXISTING PHOTOCELL TO BE REPLACED.

EXISTING PANELBOARD WITH OLD LOADS:

PANEL:		EXISTING PANEL PP1		OC DEVICE TYPE CB		ENCLOSURE NEMA 1				BUS RATING (A)		100		
LOCATION:		MECHANICAL BUILDING		DEVICE FAMILY: BOLT-ON		MOUNTING: SURFACE				WITHSTAND (A)		10.000		
FED FROM:		UTILITY		MAIN BREAKER: 100A		L-L		L-N		FAULT CURRENT (A)		10.000		
				WIRING: 4W+ C		VOLTAGE 208		120						
CKT	P	AMPS	LOAD DESCRIPTION	NOTES	LOAD (VA)	Ap (VA)	Bp (VA)	Cp (VA)	LOAD (VA)	NOTES	LOAD DESCRIPTION	AMPS	P	CKT
1	3	100	MAIN BREAKER		0	540			540		RECEPTACLES	20	1	2
3	3	100	MAIN BREAKER		0		1000		1000		MASTER CONTROL BOX	20	1	4
5	3	100	MAIN BREAKER		0			500	500		AUTO DIALER RECEPTACLE	20	1	6
7	1	20	INTERIOR LIGHTS		200	1433			1233		UNIT HEATER	15	3	8
9	1	20	PROTECTOWIRE FACP		1000		2233		1233		UNIT HEATER	15	3	10
11	2	20	EXTERIOR LIGHTING		720			1953	1233		UNIT HEATER	15	3	12
13	2	20	EXTERIOR LIGHTING		720	720					SPARE			14
15	1	20	LIGHTING CONTROL CIRCUIT		250		250				SPARE			16
17			SPARE					0			SPARE			18
TOTAL KVA PER OHASE:					2.693	3.483	2.453							
TOTAL AMPS PER PHASE:					22.44	29.03	20.44							

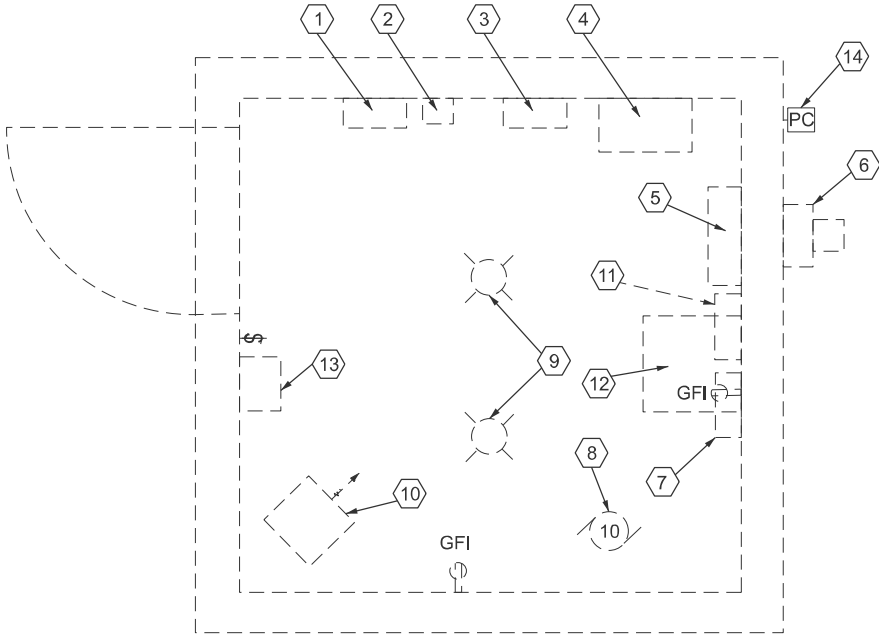
EXISTING PANELBOARD WITH NEW LOADS:

PANEL:			EXISTING PANEL PP1	OC DEVICE TYPE CB	ENCLOSURE NEMA 1				BUS RATING (A)		100			
LOCATION:			MECHANICAL BUILDING	DEVICE FAMILY: BOLT-ON	MOUNTING: SURFACE				WITHSTAND (A)		10.000			
FED FROM:			UTILITY	MAIN BREAKER: 100A	L-L		L-N	FAULT CURRENT (A)		10.000				
				WIRING: 4W+ C	VOLTAGE 208		120							
CKT	P	AMPS	LOAD DESCRIPTION	NOTES	LOAD (VA)	Ap (VA)	Bp (VA)	Cp (VA)	LOAD (VA)	NOTES	LOAD DESCRIPTION	AMPS	P	CKT
1	3	100	MAIN BREAKER		0	540			540		RECEPTACLES	20	1	2
3			MAIN BREAKER		0		1000		1000		MASTER CONTROL BOX	20	1	4
5			MAIN BREAKER		0			500	500		AUTO DIALER RECEPTACLE	20	1	6
7	1	20	INTERIOR LIGHTS		200	1433			1233		UNIT HEATER	15	3	8
9	1	20	PROTECTOWIRE FACP		1000		2233		1233		UNIT HEATER			10
11	2	20	EXTERIOR LIGHTING	FLOOD&BRIDGE	310			1543	1233		UNIT IICATER			12
13			EXTERIOR LIGHTING	FLOOD&BRIDGE	344	344					SPARE			14
15	1	20	LIGHTING CONTROL CIRCUIT		250		250				SPARE			16
17			SPARE					0			SPARE			18
TOTAL KVA PER OHASE:					2.32	3.48	2.04							
TOTAL AMPS PER PHASE:					19.31	29.03	17.03							



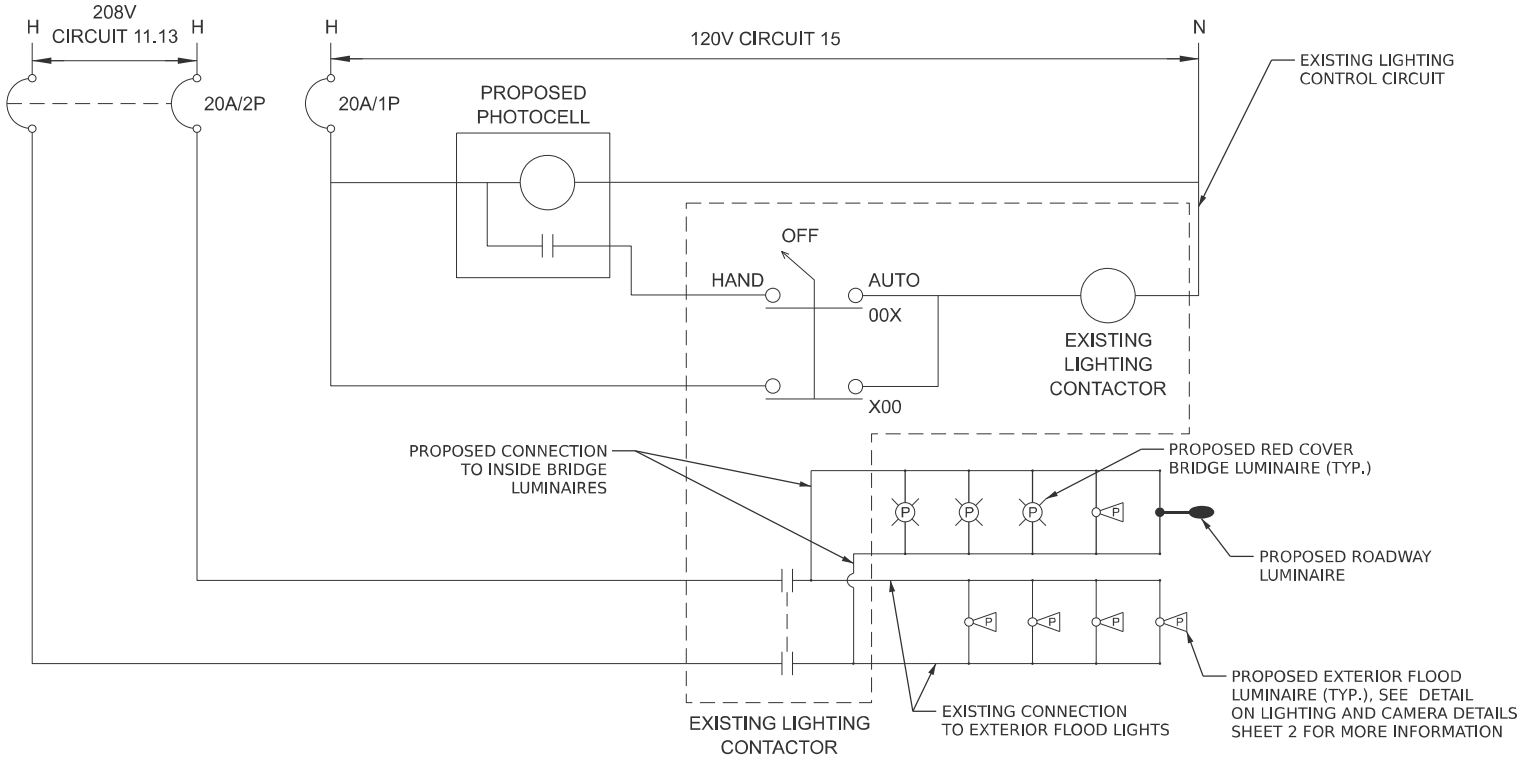
SECURITY CAMERA INTERCONNECT DIAGRAM

NOT TO SCALE



MECHANICAL BUILDING ELECTRICAL PLAN

NOT TO SCALE



EXTERIOR LIGHTING CONTROLLER DIAGRAM

NOT TO SCALE

MODEL: 66P22 Sheet Border
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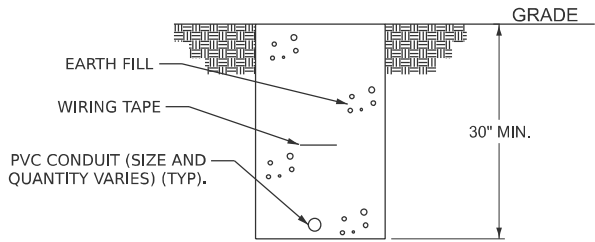
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		CHECKED	-	TP	REVISED	-
PLOT DATE	=	DATE	-	05/08/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING AND CAMERA DETAILS
RED COVERED BRIDGE NO. 006-0134

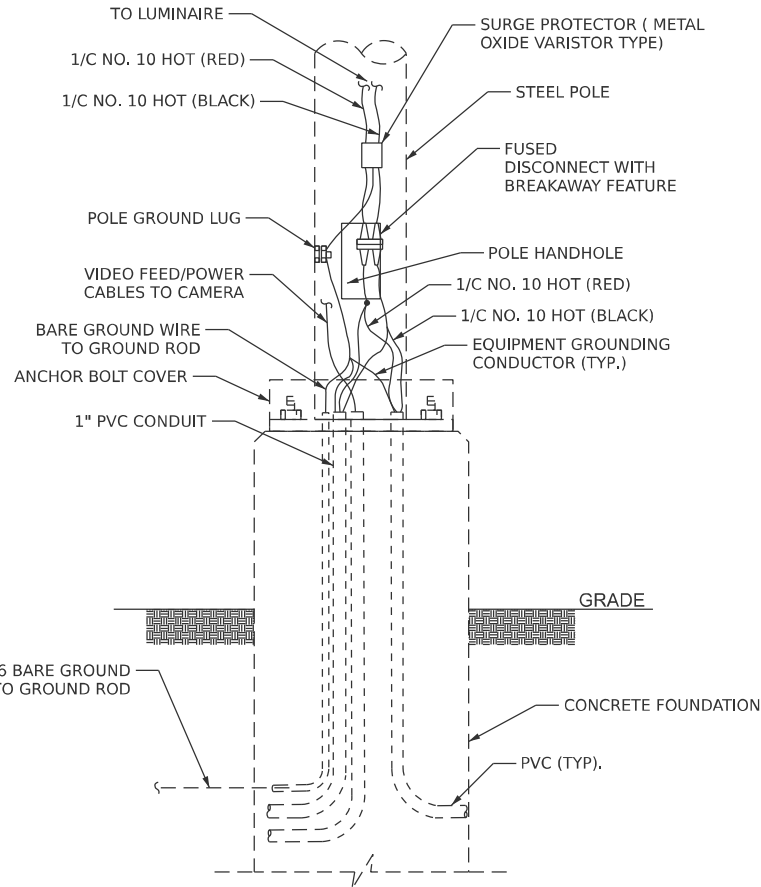
SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	16
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				



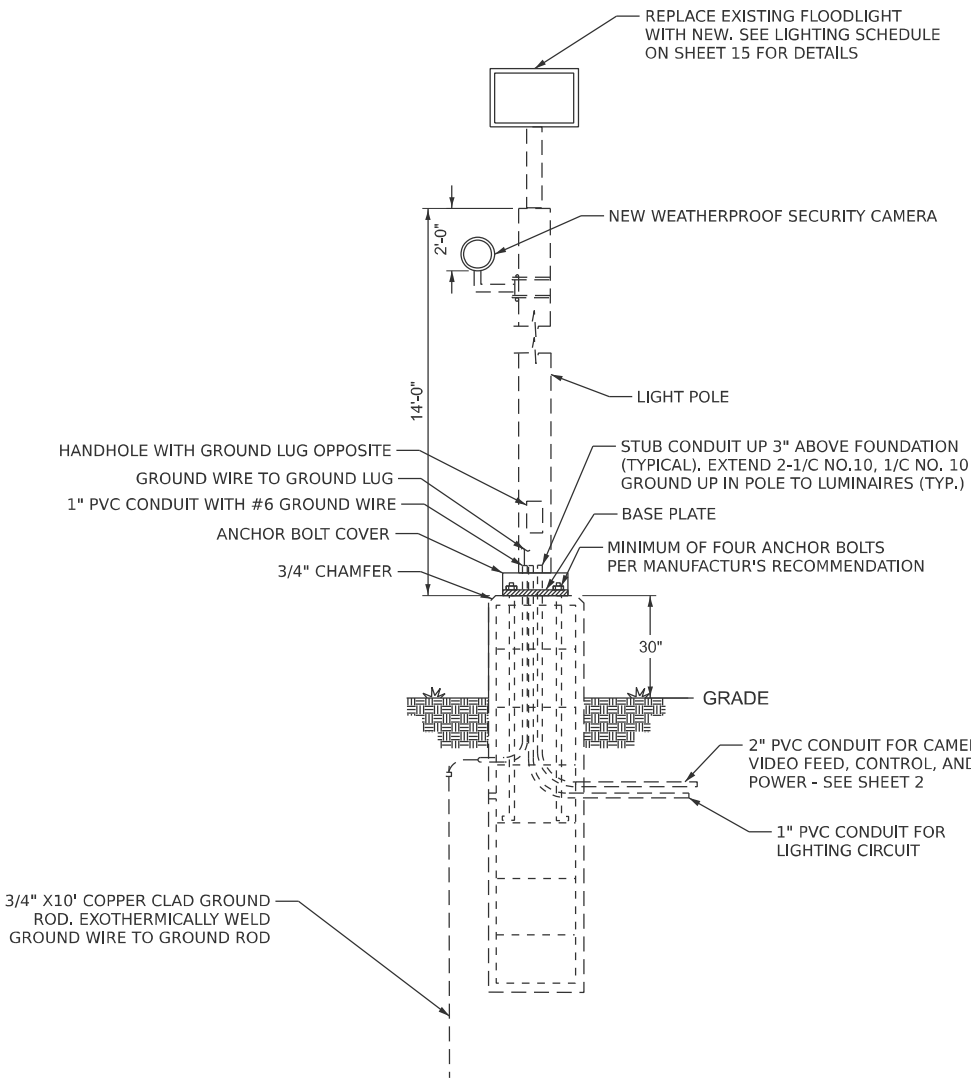
TRENCH DETAIL

NOT TO SCALE



EXISTING POLE BASE WIRING

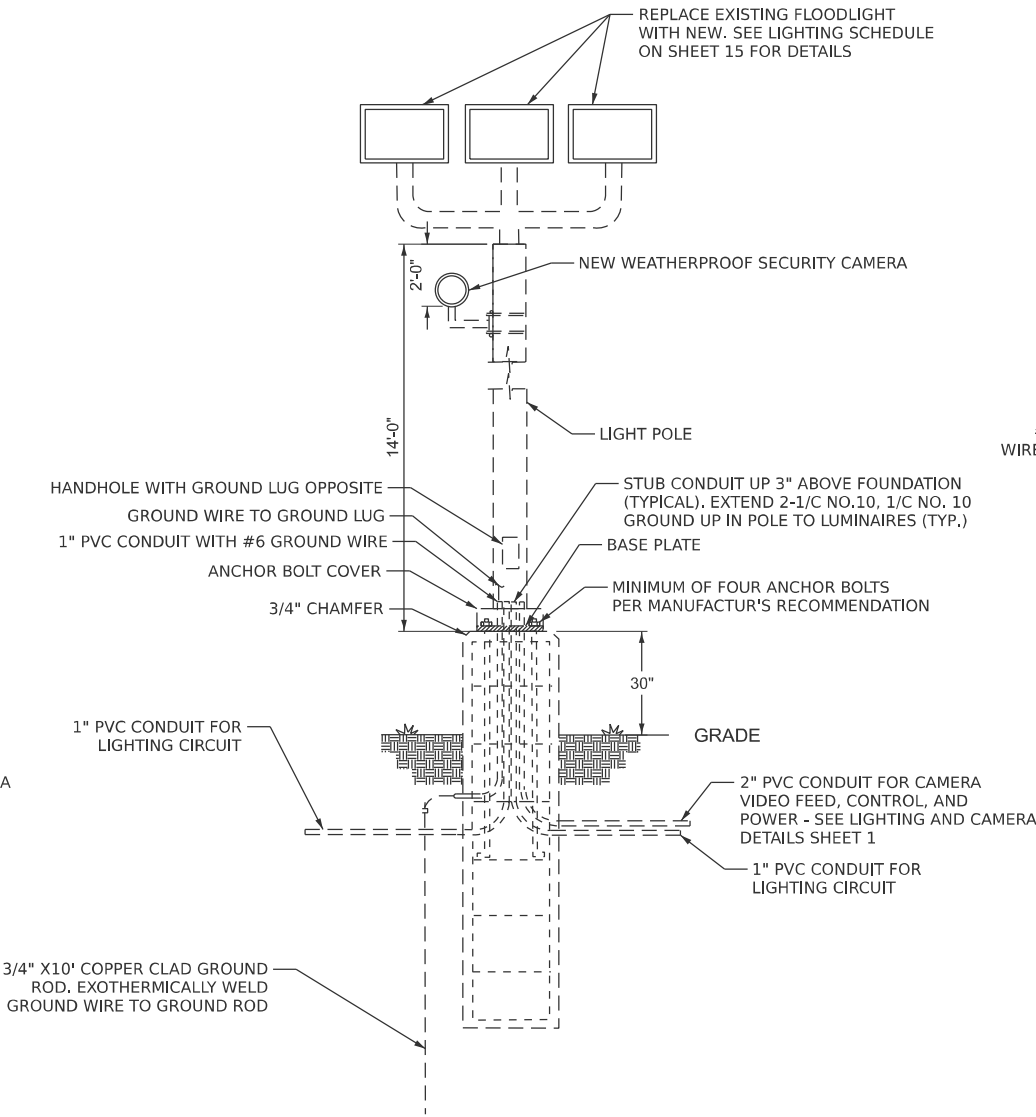
NOT TO SCALE



EXISTING LIGHT POLE FOUNDATION DETAIL

SINGLE TENON

NOT TO SCALE



EXISTING LIGHT POLE FOUNDATION DETAIL

TRIPLE TENON

NOT TO SCALE

NOTE: EXISTING LIGHT POLES AND FOUNDATIONS TO REMAIN.

MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\source\name\name24801\0366P22-plan-border.dgn



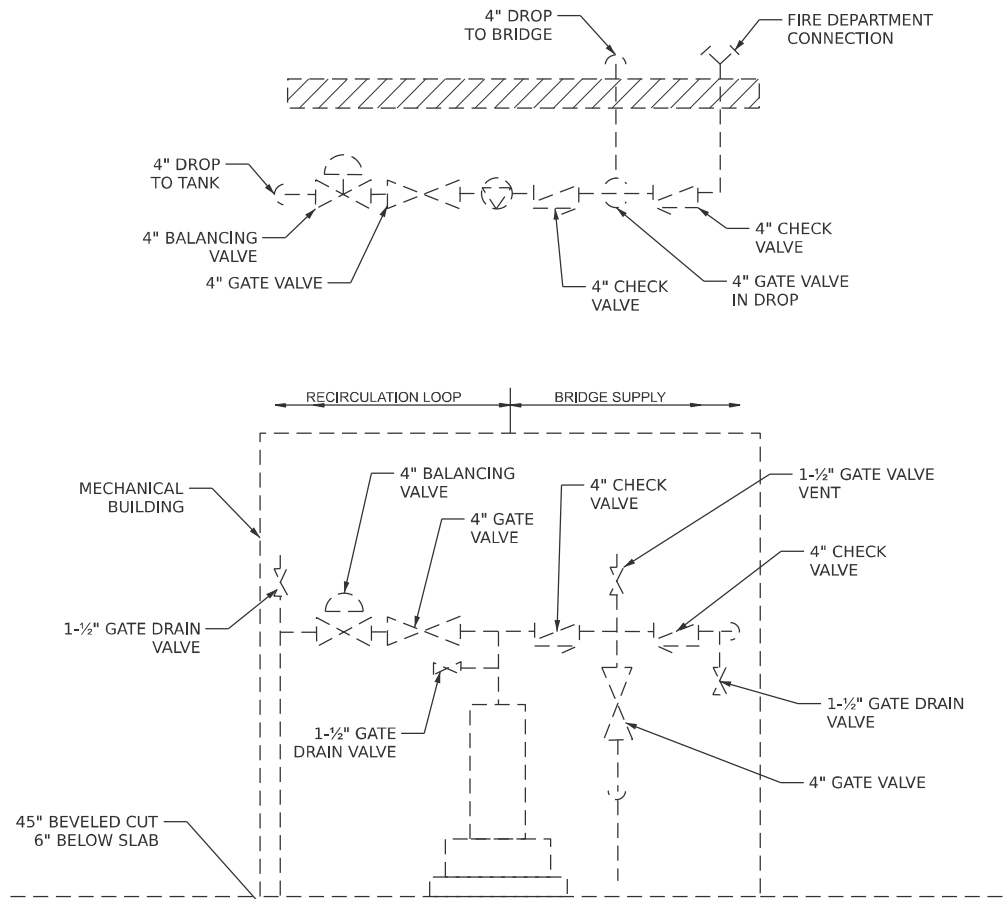
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		DRAWN - LNK	REVISED -
		CHECKED - TP	REVISED -
PLOT DATE	= 05/08/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

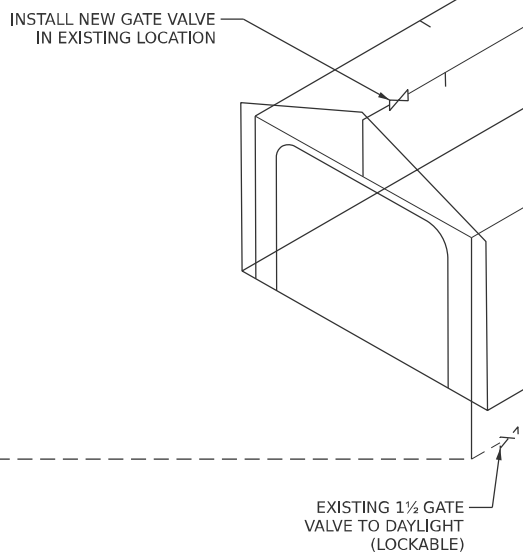
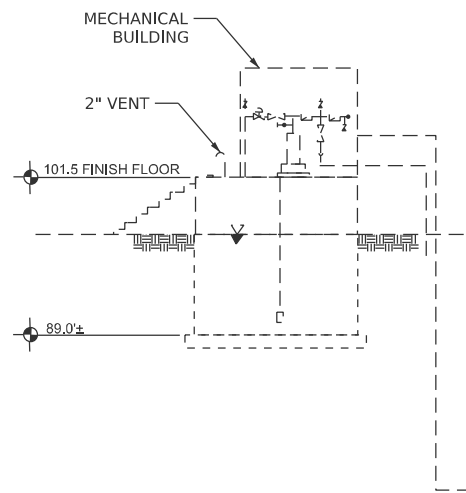
**LIGHTING AND CAMERA DETAILS
RED COVERED BRIDGE NO. 006-0134**

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	17
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				



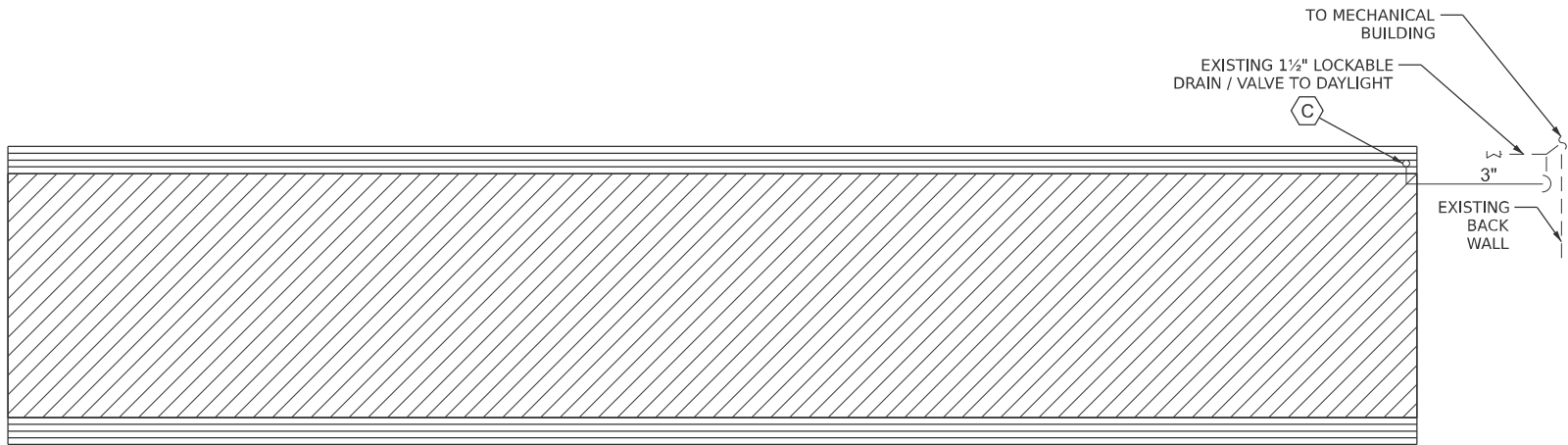
ENLARGE PIPING SCHEME
NOT TO SCALE



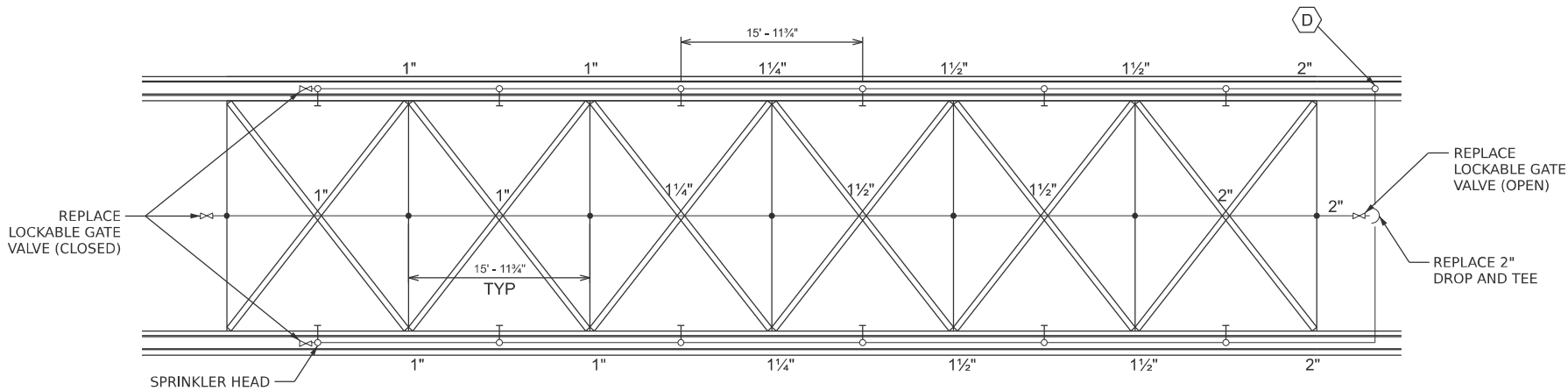
INSTALL NEW PIPES
AND SPRINKLERS TO
REPLACE EXISTING

INSTALL NEW GATE VALVE
IN EXISTING LOCATION
(VENTING)

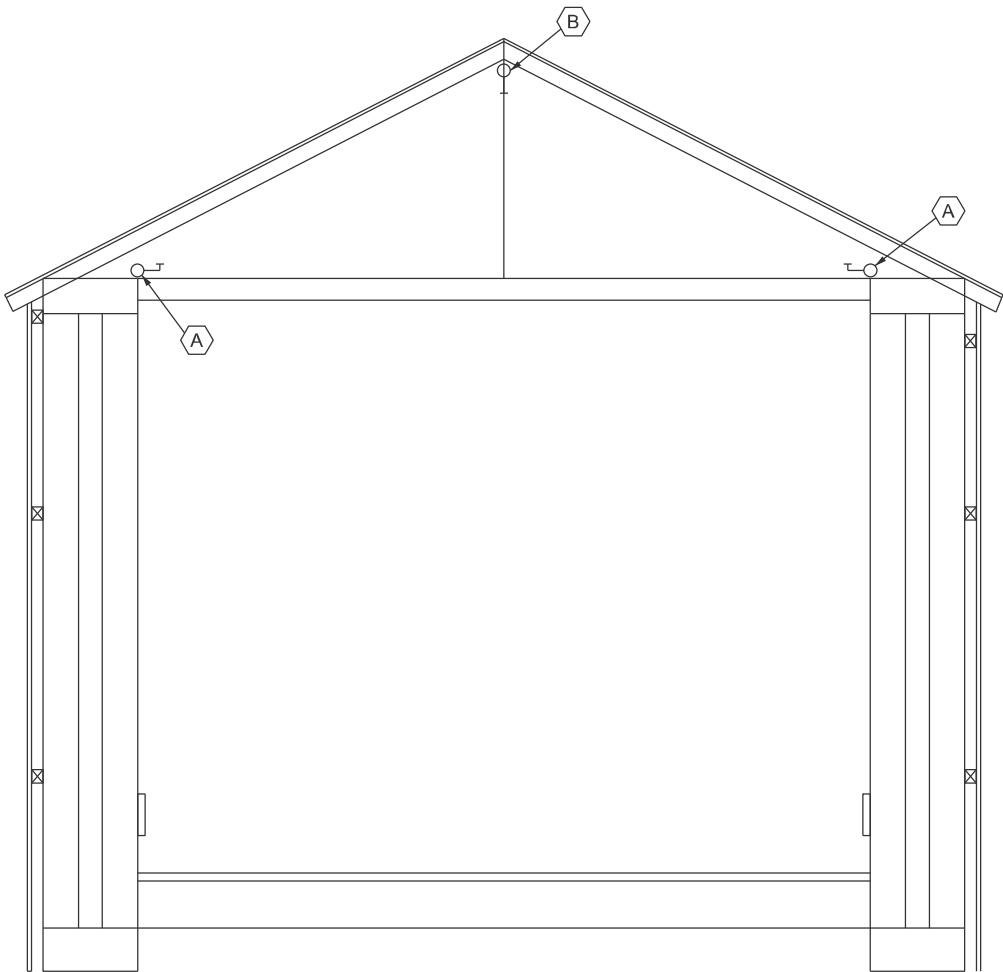
MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\\$(datasource.name)dms24801\0366P22-plan-border.dgn



FLOOR DECK - FIRE PROTECTION
FLOORING
AS VIEWED FROM TOP
NOT TO SCALE



**ROOF CROSS BRACING
ROOF CROSS BRACING PLAN**
NOT TO SCALE



NORTH END ELEVATION LOOKING SOUTH
NOT TO SCALE

NOTES:

- A** REPLACE THE EXISTING SPRINKLER SYSTEM LOCATED ABOVE THE SIDE TRUSS WITH A NEW SPRINKLER SYSTEM IN THE EXISTING LOCATIONS.
- B** REPLACE THE EXISTING FIRE SPRINKLER SYSTEM LOCATED BENEATH THE PEAK WITH A NEW SPRINKLER SYSTEM IN THE EXISTING LOCATIONS.
- C** REPLACE THE EXISTING SPRINKLER PIPE RISER WITH A NEW 3-INCH RISER.
- D** REPLACE THE EXISTING SPRINKLER PIPE DROP WITH A NEW 3-INCH DROP.

MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\\$(datasource.name)\ms24801\0366P22-plan-border.dgn



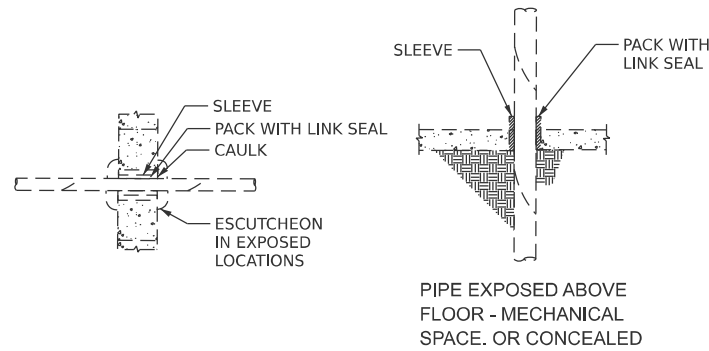
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		CHECKED -	TP	REVISED -	
PLOT DATE	= 05/08/2026	DATE	= 05/08/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

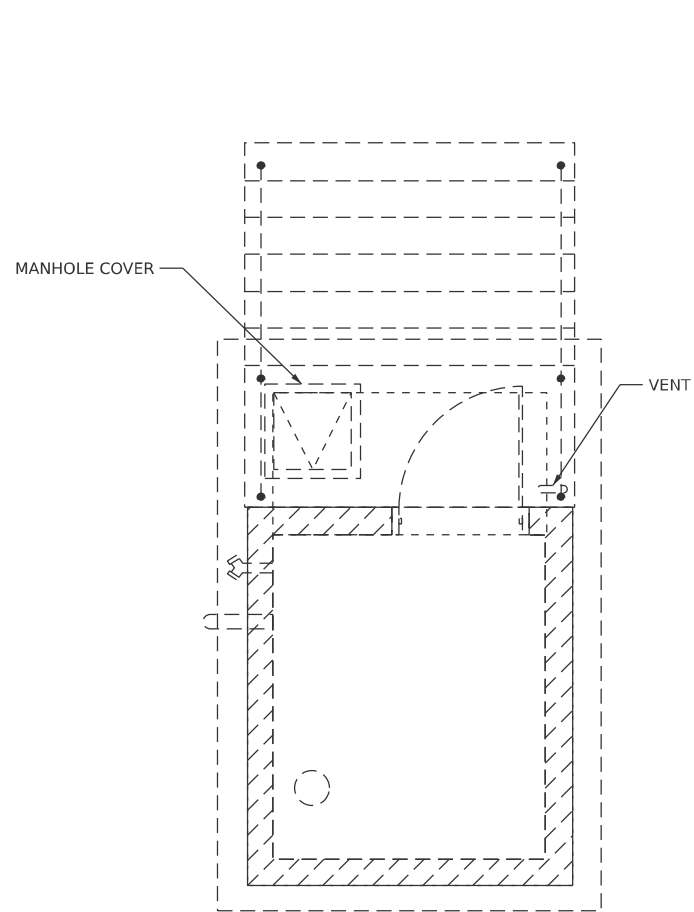
**FIRE SUPPRESSION SYSTEM PLAN
RED COVERED BRIDGE NO. 006-0134**

SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

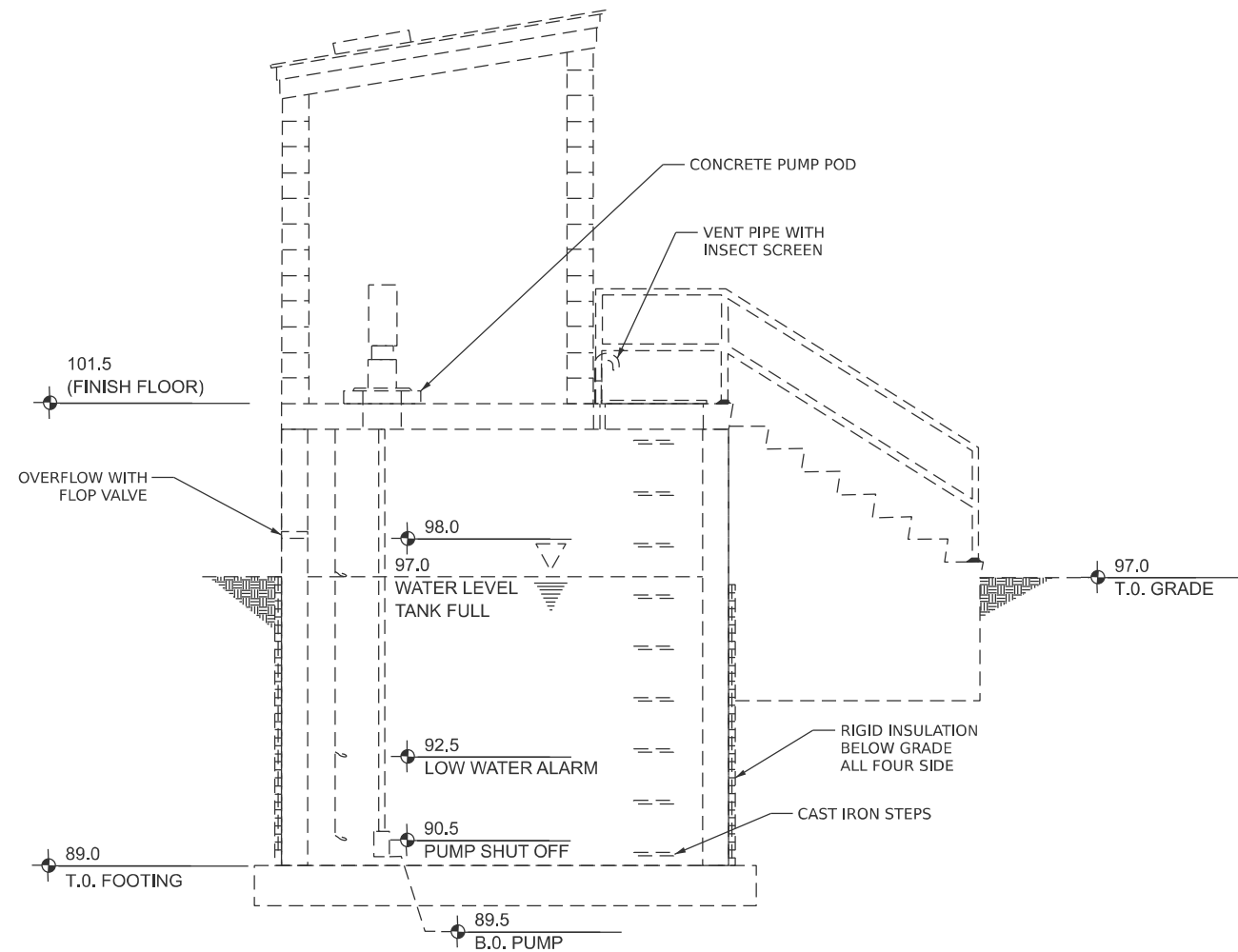
T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	19
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				



WALL AND FLOOR PENETRATION DETAILS
NOT TO SCALE



PLAN VIEW
NOT TO SCALE



FIRE PROTECTION ELEVATION/SECTION
NOT TO SCALE

MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\source\name\name24801\0366P22-plan-border.dgn



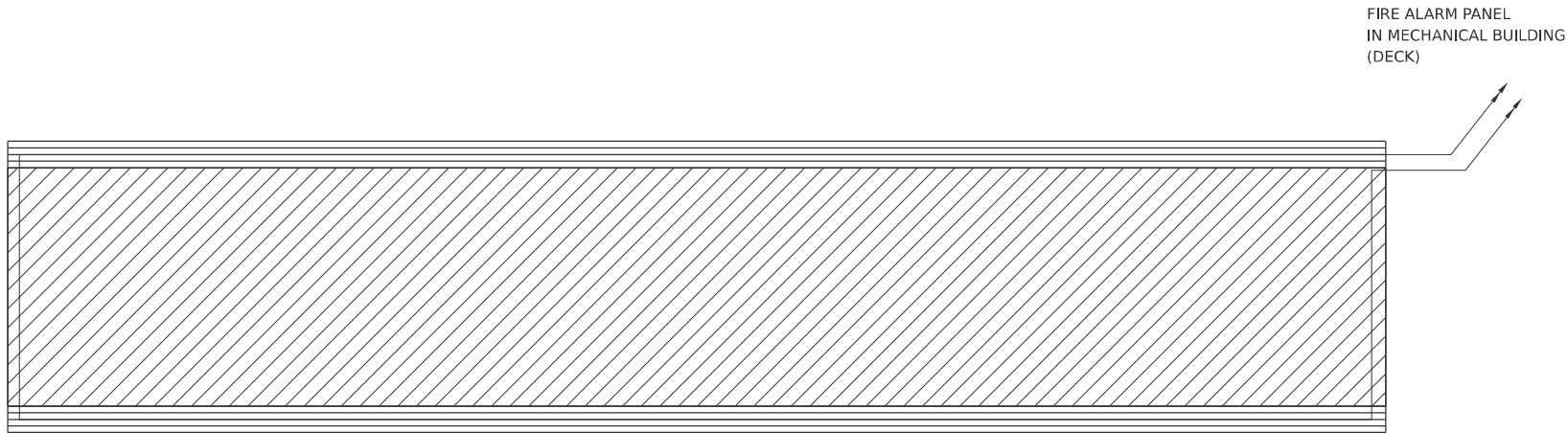
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		DRAWN	-	LNK	REVISED	-
		CHECKED	-	TP	REVISED	-
PLOT DATE	= 05/08/2026	DATE	-	05/08/2026	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIRE SUPPRESSION SYSTEM PLAN
RED COVERED BRIDGE NO. 006-0134**

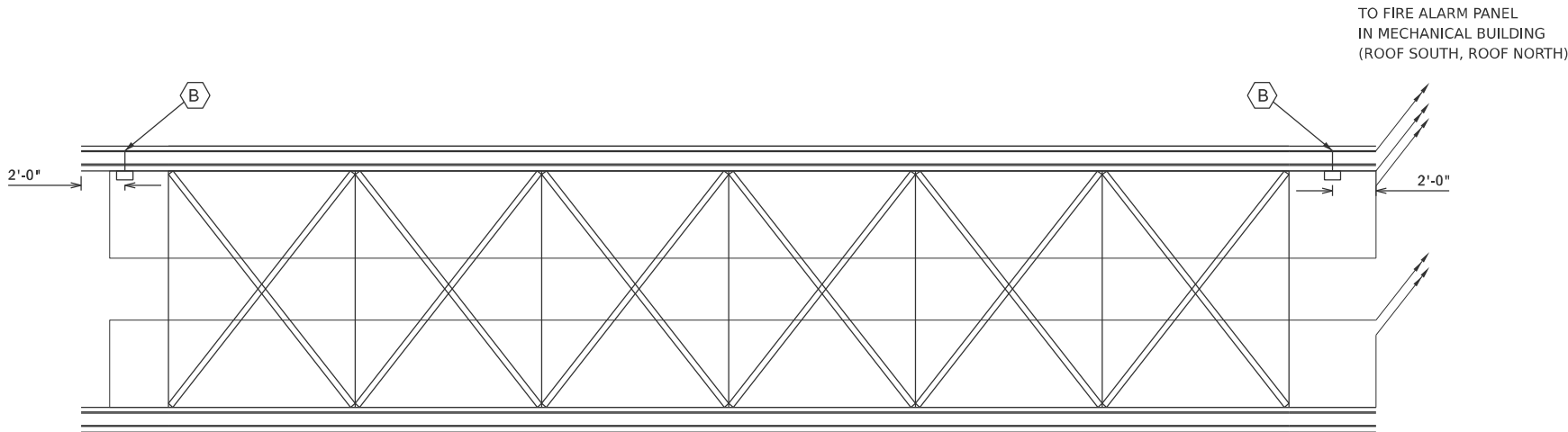
SCALE: NONE SHEET 3 OF 3 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	20
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				



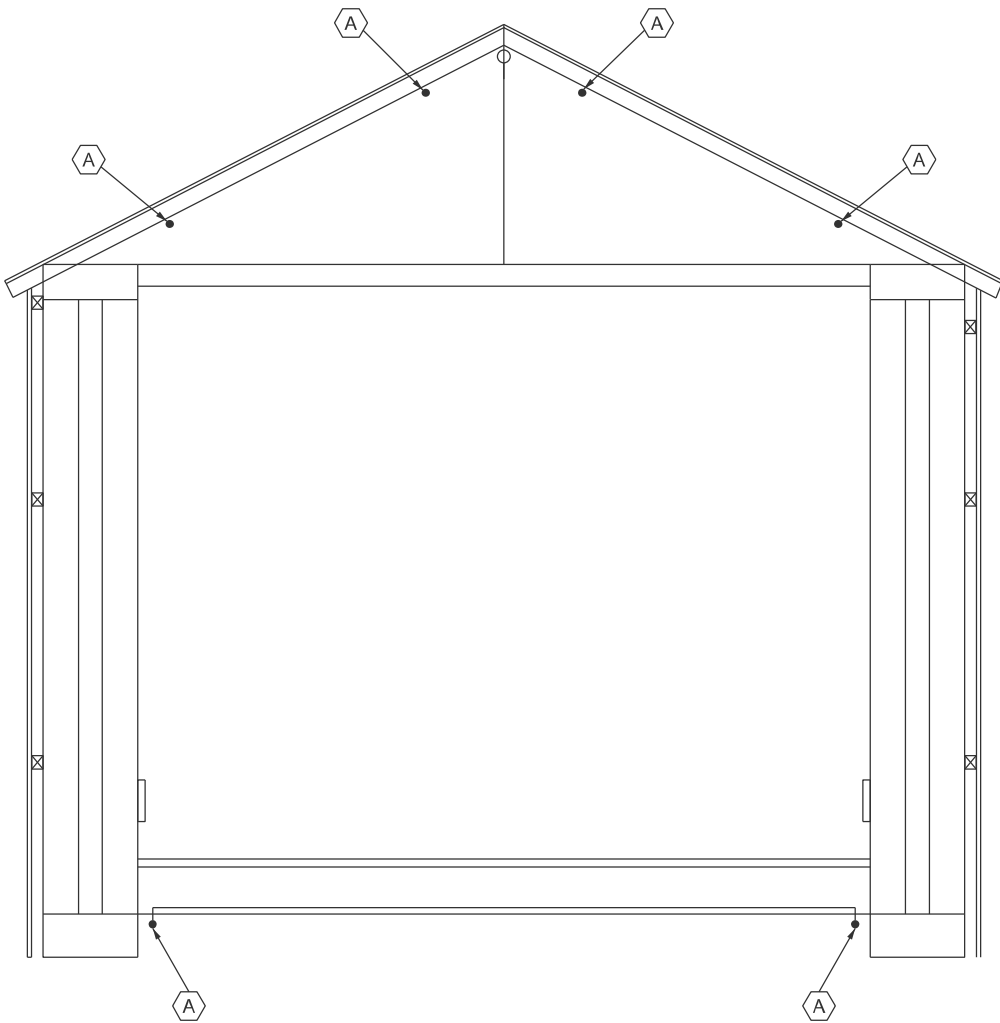
FLOOR DECK

FLOORING
AS VIEWED FROM TOP
NOT TO SCALE



ROOF CROSS BRACING PLAN

NOT TO SCALE



NORTH END ELEVATION LOOKING SOUTH

NOT TO SCALE

NOTES:

- A** REPLACE THE EXISTING HEAT DETECTION WIRE, ATTACHED TO THE ROOF RAFTERS IN THE APPROXIMATE LOCATION SHOWN USING STAINLESS STEEL HARDWARE. (PAINTED TO MATCH EXISTING STRUCTURE) HEAT DETECTION WIRE TO BE MINIMALLY VISIBLE TO THE PUBLIC. (DO NOT PAINT HEAT DETECTION WIRE).
- B** REPLACE EXISTING AUDIBLE ALARM WITH NEW AUDIBLE ALARM.
1. ALL PROPOSED EQUIPMENT SHALL MATCH THE SAME TYPE AND MANUFACTURER AS THE EXISTING FIRE ALARM SYSTEM.

MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\source\name\dms24801\0366P22-plan-border.dgn



USER NAME	=	DESIGNED	-	FPE	REVISED	-
		DRAWN	-	LNK	REVISED	-
		CHECKED	-	TP	REVISED	-
PLOT DATE	= 05/08/2026	DATE	-	05/08/2026	REVISED	-

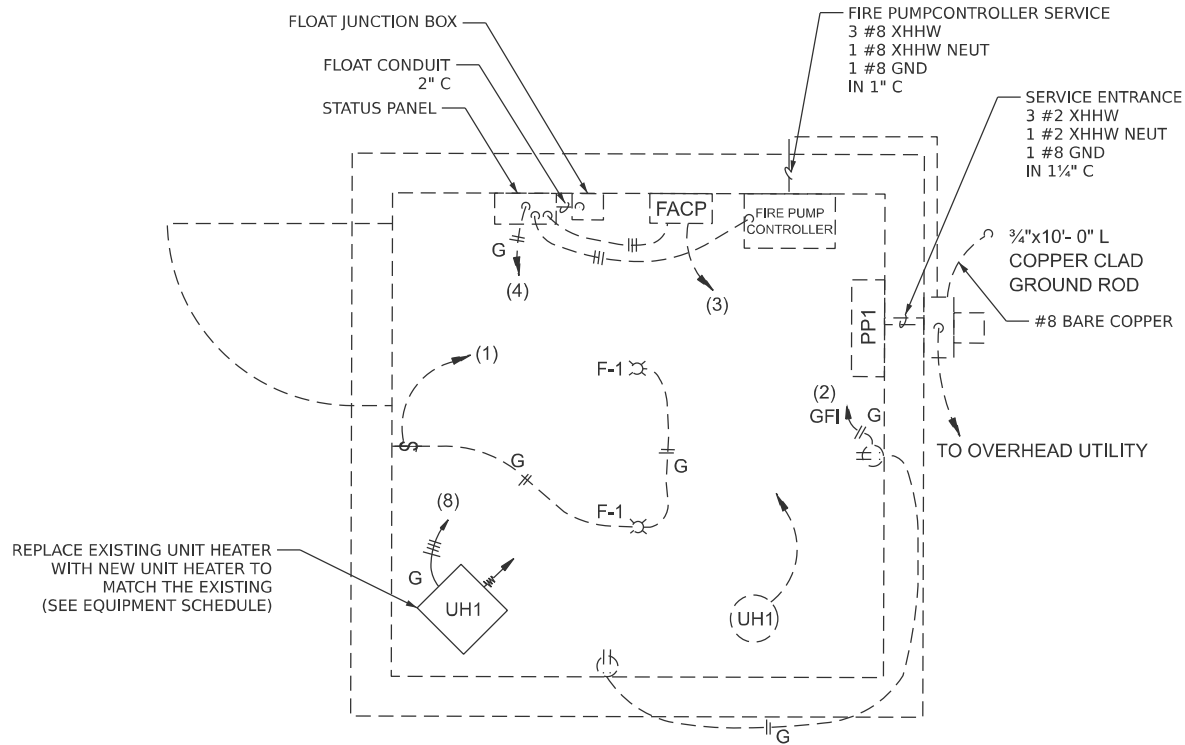
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIRE ALARM SYSTEM PLAN
RED COVERED BRIDGE NO. 006-0134

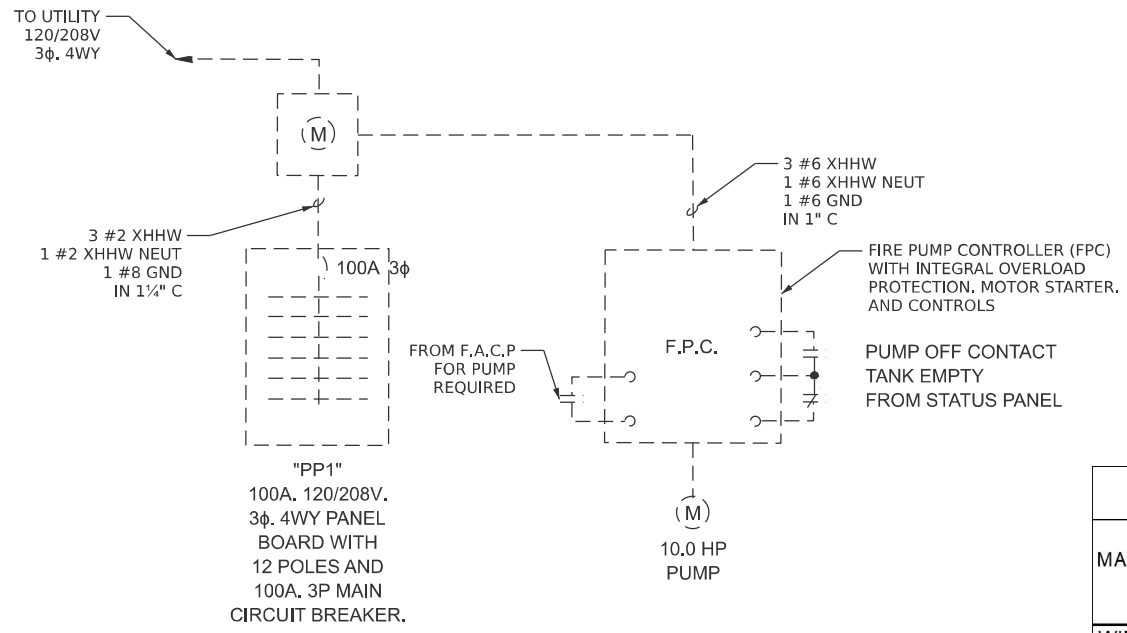
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	21
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				

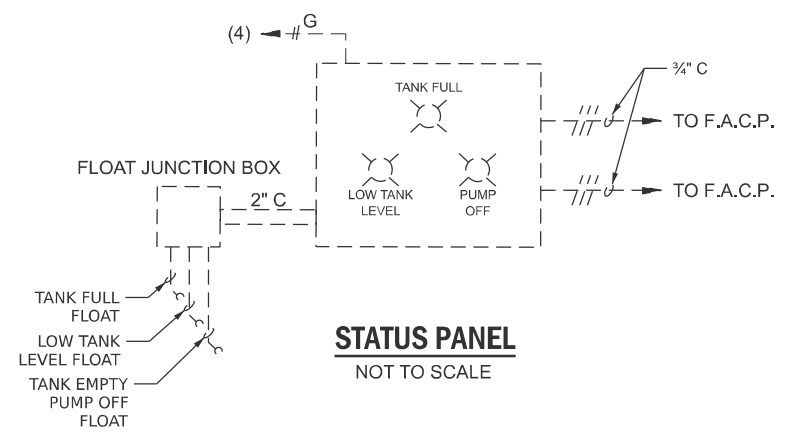
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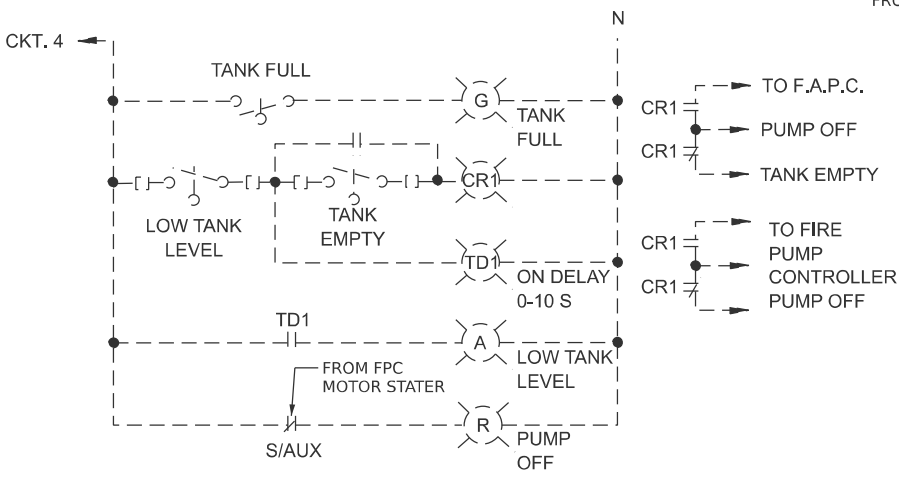
SCHEMATIC ELECTRICAL DISTRIBUTION
NOT TO SCALE



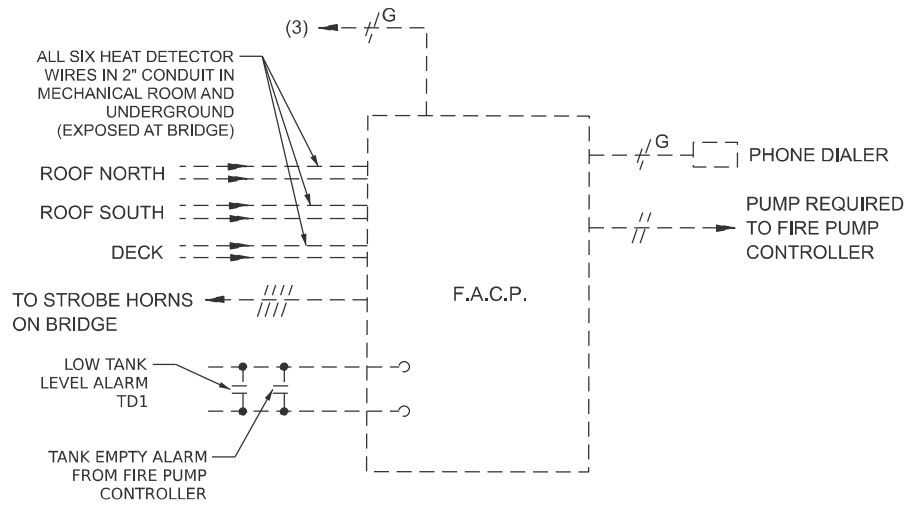
ELECTRICAL ONE - LINE DIAGRAM
NOT TO SCALE



STATUS PANEL
NOT TO SCALE



STATUS PANEL ONE - LINE DIAGRAM
NOT TO SCALE



FIRE ALARM CONTROL PANEL
NOT TO SCALE

EQUIPMENT SCHEDULE	
TYPE	DESCRIPTION
UH-1	208 V, 3 PHASE, 3.7 KW HEATER WITH 208 V CONTROL CIRCUIT AND THERMOSTAT. FAN MOTOR, 800 RPM, 350 CFM, THROW 12', AND SAFETY THERMAL CUTOUT.

PANEL BOARD SCHEDULE																			
MAINS:			100 AMP PANEL 100 AMP BREAKER			VOLTAGE: 120/208 VOLTS 3			PHASE: 4 WIRE			ENCLOSURE:			NEMA 3R				
WIRE SIZE	GRD SIZE	C.	ITEM	POLE	AMP RAT.	CKT NO.	LEFT PHASE			LEFT PHASE			CKT NO.	AMP RAT.	POLE	ITEM	C.	GRD SIZE	WIRE SIZE
							A	B	C	A	B	C							
# 12	# 12	3/4"	FIXTURE (F-1)	1	20	1	X			X			2	20	1	RECEPTACLE	3/4"	# 12	# 12
# 12	# 12	3/4"	FIRE ALARM CONTROL PANE (FACP)	1	20	3		X			X		4	20	1	STATUS PANEL	3/4"	# 12	# 12
# 12	# 12	3/4"	PHONE DIALER	1	20	5			X			X	6	-	-	SPARE	-	-	-
-	-	-	SPARE	-	-	7	X			X			8	15	3	3.7 KW HEATER (UH-1)	3/4"	# 12	# 12
-	-	-	SPARE	-	-	9		X			X		10						
-	-	-	SPARE	-	-	11			X			X	12						



USER NAME	=	DESIGNED	-	FPE	REVISED	-	
		DRAWN	-	LNK	REVISED	-	
		CHECKED	-	TP	REVISED	-	
PLOT DATE	=	05/08/2026	DATE	=	05/08/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL DISTRIBUTION
RED COVERED BRIDGE NO. 006-0134

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

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	22
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				

ACCESS GENERAL NOTES:

1.

THIS PLAN FOR TEMPORARY ACCESS CAUSEWAY REPRESENTS THE SUGGESTED ACCESS FOR THE WORK. THE CONTRACTOR SHALL BE RESPONSIBVLE FOR DETRMINING ACCESS TO COMPLETE THE PROPOSED IMPROVEMENTS AND RESTORATION OF ANY DISTRUBED AREAS. WORK SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISION TEMPORARY ACCESS CAUSEWAY. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR ITEMS RELATED WITH ACCESS TO THE WORK AREA OR RESTORATION OF ANY DISTURBED AREAS.
2.

ALL ACCESS SHALL OCCUR WITHIN STATE ROW.
3.

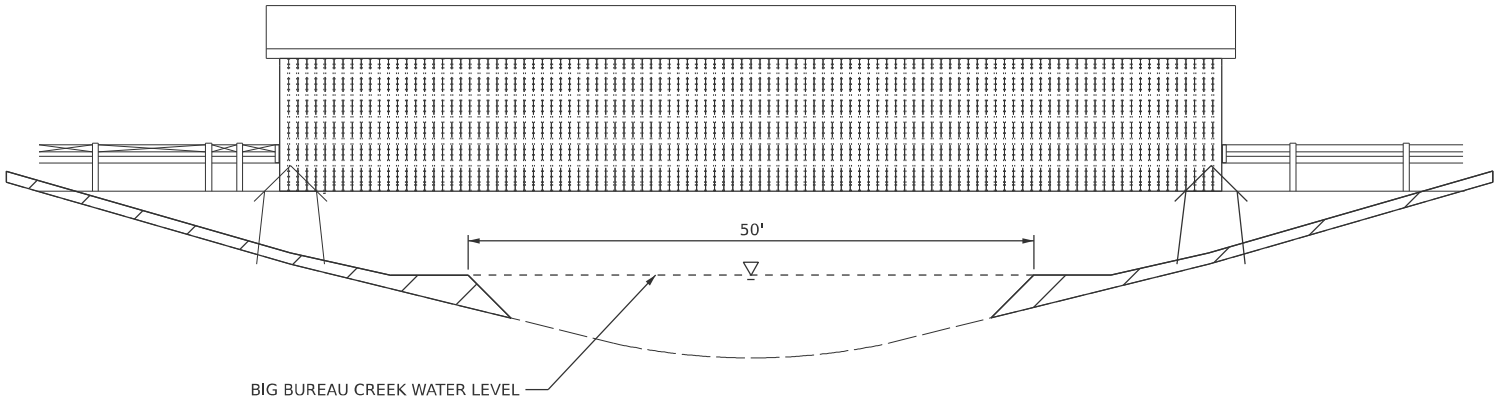
REMOVAL OF DEBRIS SHALL NOT EXTEND FURTHER THAN 200 FEET IN ANY DIRECTION FROM THE STRUCTURE.
4.

ANY TREE OR VEGETATION REMOVAL REQUIRED FOR ACCESS OR CONSTRUCTION OF THE CAUSEWAY SHALL BE APPROVED BY THE ENGINEER. ANY TREE REMOVAL SHALL OCCUR BETWEEN OCTOBER 1ST AND MARCH 31ST.
5.

WORK SHALL BE IN ACCORDANCE WITH IEPA AND USACE PERMITS OBTAINED FOR THE PROJECT.
6.

THE TEMPORARY ACCESS CAUSEWAY SHALL BE TEMOPORARY AND WILL BE REMOVED UPON COMPLETION OF THE PROJECT.
7.

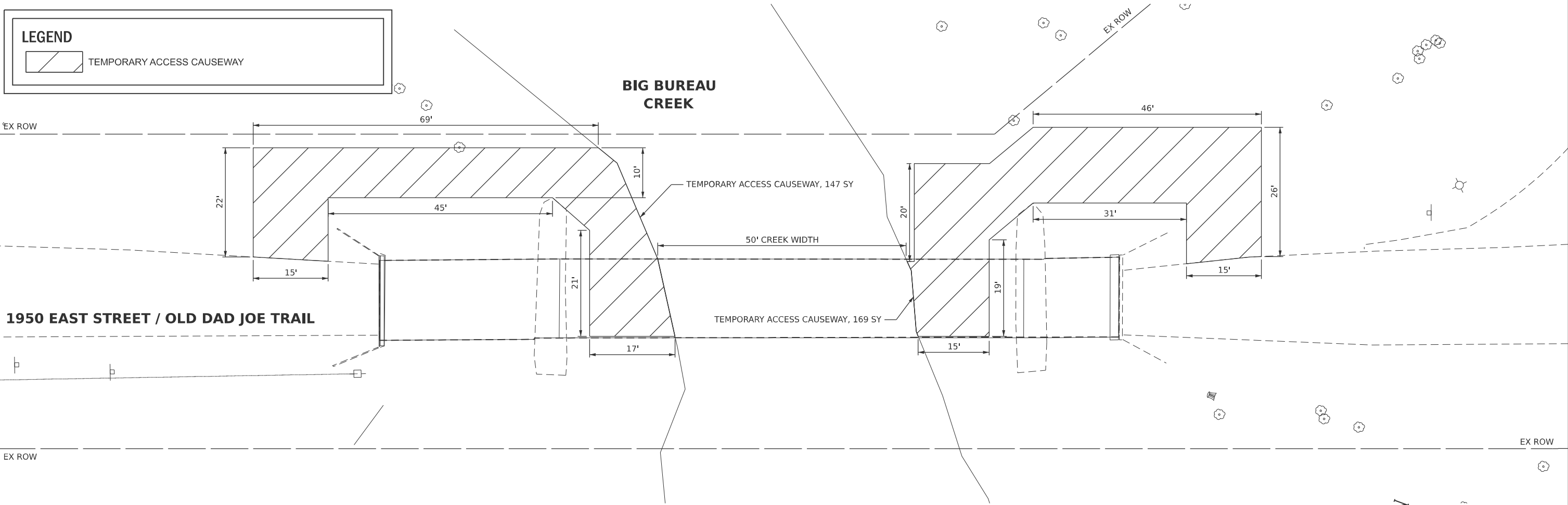
IF THE CONTRACTOR WISHES TO DEVIATE FROM WHAT IS PRESENTED IN THE IN-STREAM WORK PLAN, A PRELIMINARY PLAN OR PROPOSAL SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW TO ENSURE COMPLIANCE WITH THE RULES AND REGULATIONS OF THE NWP NO. 3 GRANTED FOR THE PROPOSED PROJECT.



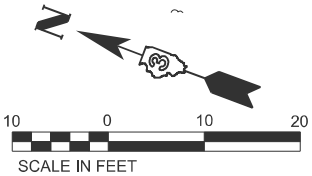
ELEVATION

LEGEND

TEMPORARY ACCESS CAUSEWAY



PLAN



MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\source\name\dms24801\0366P22-plan-border.dgn

3

V3 Companies

7325 Janes Avenue

Woodridge, IL 60517

630 724 9200 phone

www.v3co.com

USER NAME	=	DESIGNED -	KDC	REVISED -	
		DRAWN -	DRP	REVISED -	
		CHECKED -	JWB	REVISED -	
PLOT DATE	= 05/08/2026	DATE	= 05/08/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IN-STREAM WORK PLAN
RED COVERED BRIDGE NO. 006-0134

SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB)BRR-1	BUREAU	32	23
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				

Existing Structure: S.N. 006-0134 carrying 1950 East Street (Old Dad Joe Trail) over Big Bureau Creek was originally constructed in 1863. The structure consists of a main span with a north and south approach span. The main span is a timber through-truss measuring 104'-0" long and 22'-0" out-to-out. The north and south approach spans consist of steel beams supporting timber decking and measure 36'-0" and 19'-0" long, respectively.

Salvage: none



Expires 11-30-2026

INDEX OF SHEET

- S1 - General Plan and Elevation
- S2 - General Notes, Section & Elevation
- S3 - Top of Truss Cross Bracing
- S4 - Floor Beam Repair
- S5 - Roof Framing Plan and Section
- S6 - Roof Framing Details
- S7 - North Approach Painting
- S8 - Pump House Roof
- S9 - Siding Repairs

DESIGN STRESSES

- FIELD UNITS
- Fy = 36,000 psi (Structural Steel M270 Gr. 36)
Metal Plates
Fy = 55,000 psi (ASTM F1554) Tie Rods
- 6X6 CROSS BRACE UNITS
- Fb = 875 psi (Douglas Fir-Larch No. 2)
Fv = 170 psi (Douglas Fir-Larch No. 2)
Fc(parr) = 600 psi (Douglas Fir-Larch No. 2)
Fc(perp) = 625 psi (Douglas Fir-Larch No. 2)

- 2X4 ROOF RAFTER UNITS
- Fb = 900 psi (Douglas Fir-Larch No. 2)
Fv = 180 psi (Douglas Fir-Larch No. 2)
Fc(parr) = 1,350 psi (Douglas Fir-Larch No. 2)
Fc(perp) = 625 psi (Douglas Fir-Larch No. 2)
- ALL OTHER FRAMING UNITS
- Fb = 875 psi (Spruce Pine Fir No. 2)
Fv = 135 psi (Spruce Pine Fir No. 2)
Fc(parr) = 1,150 psi (Spruce Pine Fir No. 2)
Fc(perp) = 425 psi (Spruce Pine Fir No. 2)

DESIGN SPECIFICATIONS

2002 AASHTO Specifications 17th Edition

LOADING

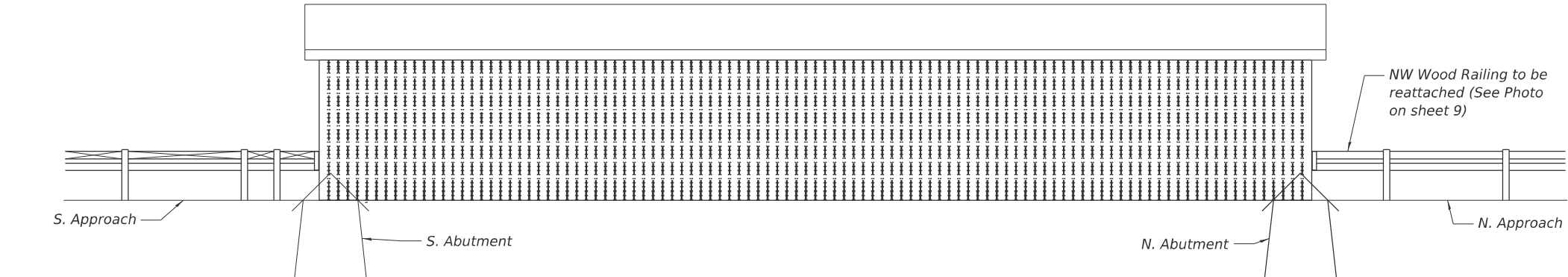
- Roof Snow Load: 20 psf
Roof Live Load: 20 psf
Wind Speed: 107 mph (ultimate), 85 mph (service)

SCOPE OF WORK

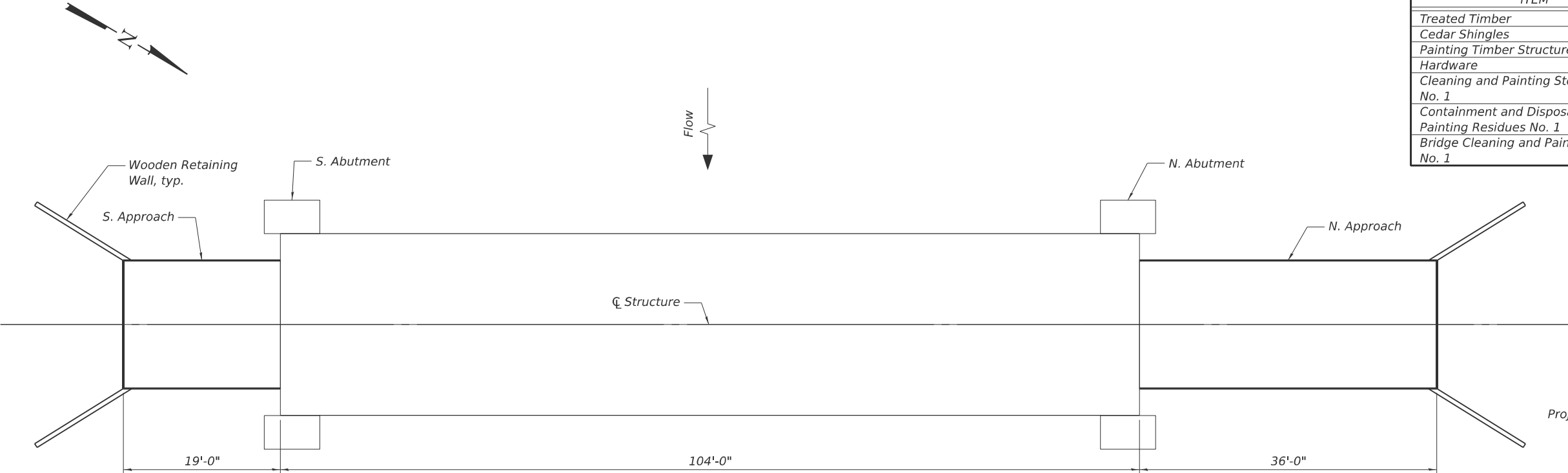
- Remove remaining existing top cross bracings, metal rods, roof stringers, roof rafters, shingles, and existing end gables as shown and required to facilitate construction.
- Provide new top of truss cross bracing, and roof.
- Reattach signs at the north and south ends that match the photo on sheet 2 of 9.
- Repair existing floor beams as directed in plans.
- Repair and replace siding as directed in plans.
- Paint all siding.
- Remove and replace existing roof at the pump house.
- Clean and paint existing steel at the north approach.
- Reattach the top wooden rail adjacent to the bridge on the west side of the north approach.
- Other miscellaneous repairs as shown in the plans.

TOTAL BILL OF MATERIAL

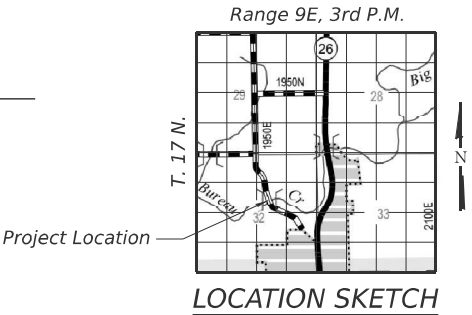
ITEM	UNIT	SUPER	SUB	TOTAL
Treated Timber	F. B. M.	6,213	-	6,213
Cedar Shingles	Sq. Ft.	2,687	-	2,687
Painting Timber Structure	Sq. Ft.	4,648	-	4,648
Hardware	Pound	520	-	520
Cleaning and Painting Steel Bridge No. 1	L. Sum	1	-	1
Containment and Disposal of Non-lead Painting Residues No. 1	L. Sum	1	-	1
Bridge Cleaning and Painting Warranty No. 1	L. Sum	1	-	1



ELEVATION



PLAN



LOCATION SKETCH

MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\stata\source\name\cme24801\0366P22-plan-border.dgn

3

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
www.v3co.com

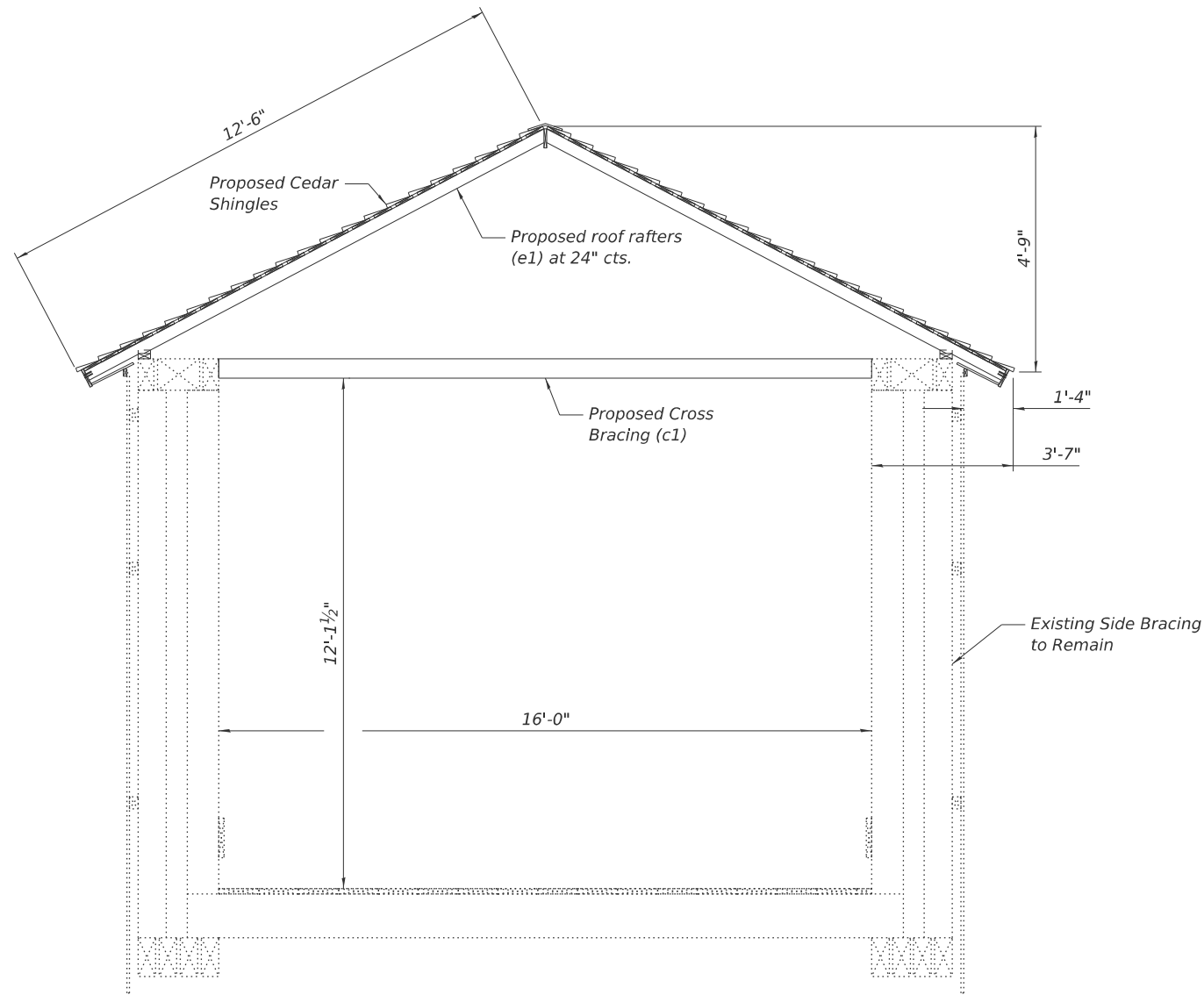
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	DRAWN - CM	REVISED -
	CHECKED - WJV	REVISED -
PLOT DATE = 11/14/2025	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

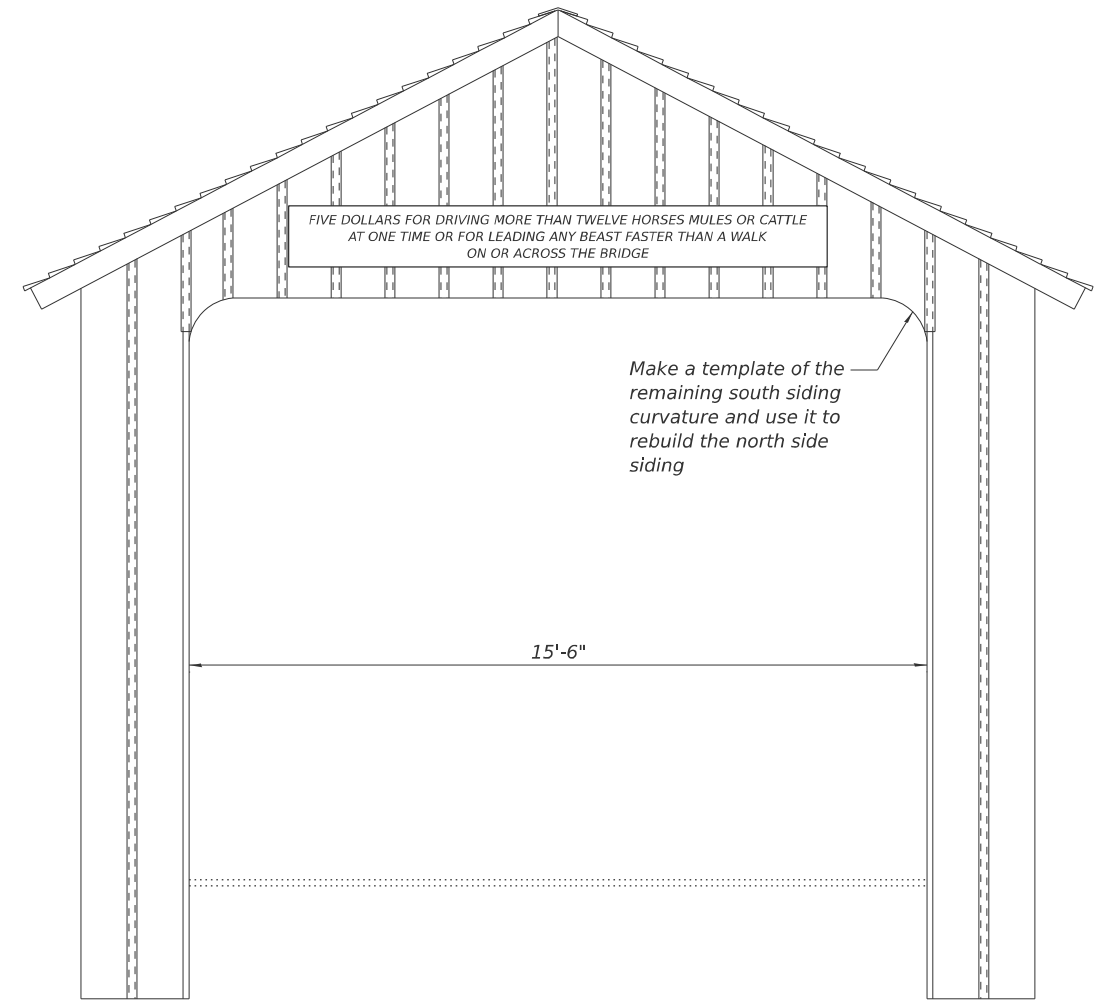
GENERAL PLAN AND ELEVATION
STRUCTURE NO. 006-0134

SCALE: SHEET S1 OF S9 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB) BRR-1	BUREAU	32	24
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				



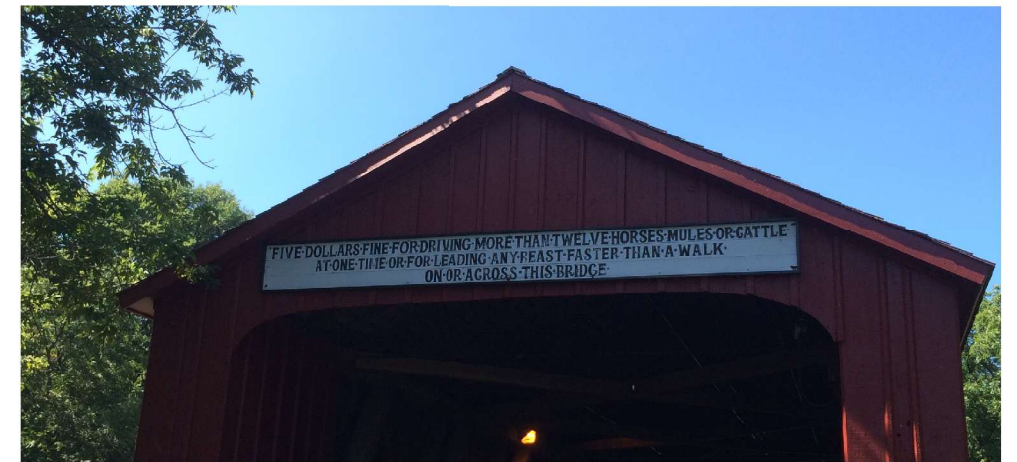
SECTION



END ELEVATION

GENERAL NOTES

- Plan dimensions and details relative to existing structures have been taken from 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 at the unit price bid for the work.
- Replacement of the structural timber members shall be according to Section 507 of the Standard Specifications.
- The cost of removal and disposal of portions of the existing structure as required to facilitate construction shall be included in the cost "Treated Timber" (See Special Provisions).
- Contact District 3 Operations Bridge Maintenance to coordinate a pickup day for the 2 panels (one for each fascia) that they are holding in the Traffic Sign shop. The Contractor shall provide the hardware and rehang these signs once the fascia work is complete. See photo to the right for how signs will look when work is completed. The cost will be included with Treated Timber.
- Provide 10 diagonal floor boards - 2"x12"x24'-0" (a1) to be stored at District 3 for future use, as needed (480 F.B.M.).
- The contractor shall pre-drill holes where required for driving nails, screws and lag bolts. The cost of pre-drilling holes will be included with "Hardware".
- The contractor shall be fully responsible for all temporary bracing required to maintain the structure in a stable condition during construction.
- Timber and hardware material required for top of truss cross bracing repair, floor beam repair, siding repair, and roof replacement are included in the Bill of Material on sheet 1 of 9.
- Dimensions shown are actual sizes of members to be used. Nominal sizes will not be allowed.
- Timber members shall be cut to fit as needed.
- All structural steel shall be hot dipped galvanized in accordance with AASHTO M-232 and shall include tie rods, nuts, plates, washers, and all fasteners.
- Structural timber shall be rough sawn.
- The bridge was last painted in 2012.



EXISTING SIGN PICTURE

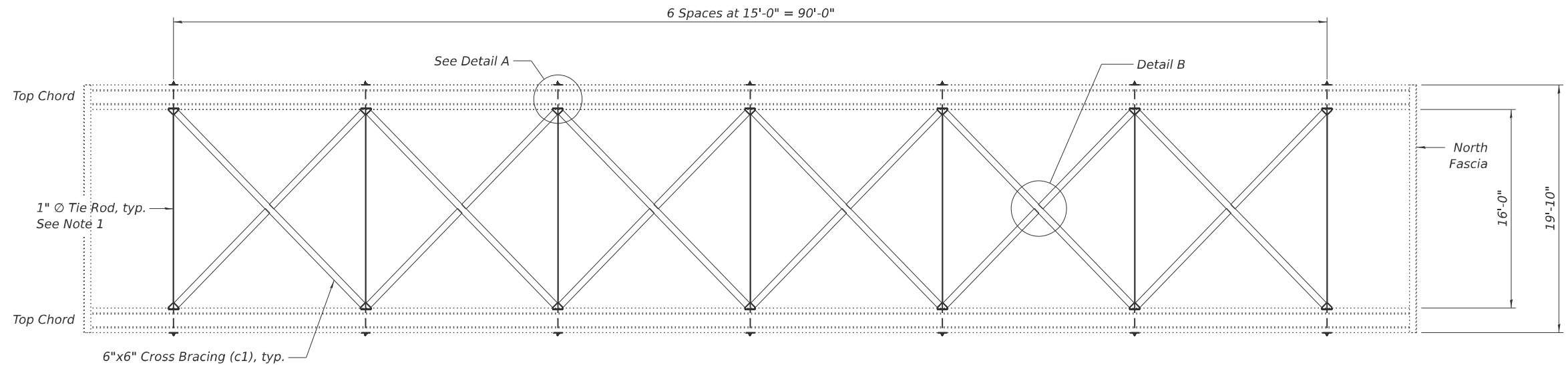
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, SECTION & ELEVATION
STRUCTURE NO. 006-0134

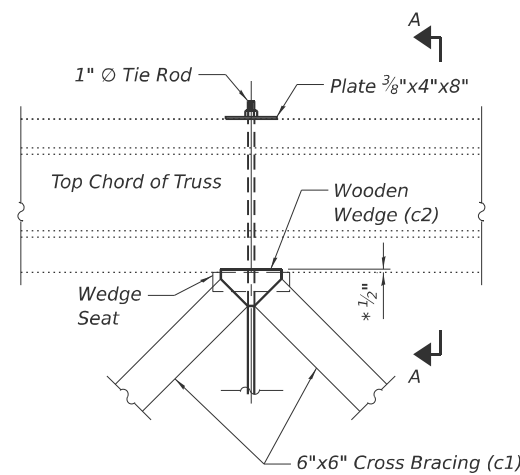
SCALE: SHEET S2 OF S9 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB) BRR-1	BUREAU	32	25
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				

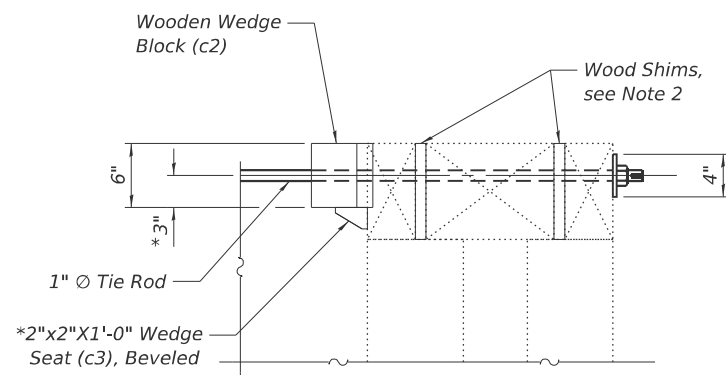
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	DRAWN - CM	REVISED -
	CHECKED - WJV	REVISED -
PLOT DATE = 11/14/2025	DATE - 05/08/2026	REVISED -



TOP OF TRUSS CROSS BRACING PLAN



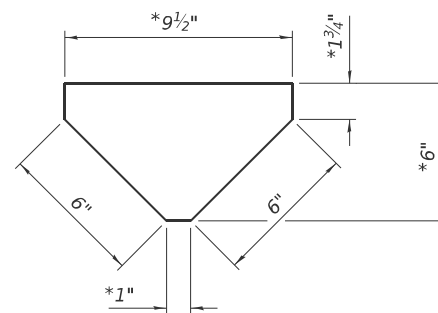
DETAIL A



SECTION A-A

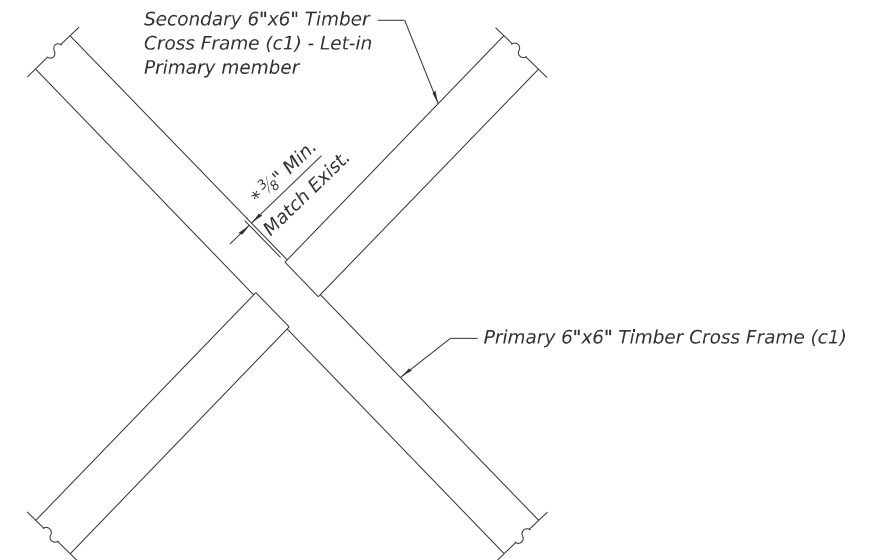
BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Treated Timber	F. B. M.	839
Hardware	Pound	428



WOODEN WEDGE BLOCK (c2)

* dimension shall be confirmed in the field by measuring the existing details that remain on the south side of the bridge or the bottom cross bracing wooden wedges.



DEATIL B

NOTES:

- Rod shall be according to ASTM F1554 Grade 55, hot dipped galvanized per ASTM F2329. Rod shall have a minimum 4" threads at each end with nut and washer.
- Full depth wood shims shall be provided at rod connections. Cost included with Treated Timber.
- All dimensions need to be confirmed in the field by measuring the existing details that remain on the south side of the roof before ordering any materials. The bottom cross bracing can also be used to confirm the top cross bracing dimensions.
- Tighten the horizontal tie rods for cross bracing as directed by the Engineer.

MODEL: 66P22 Sheet Border
FILE NAME: c:\working\Illinois\source\name\cma24801\0366P22-plan-border.dgn



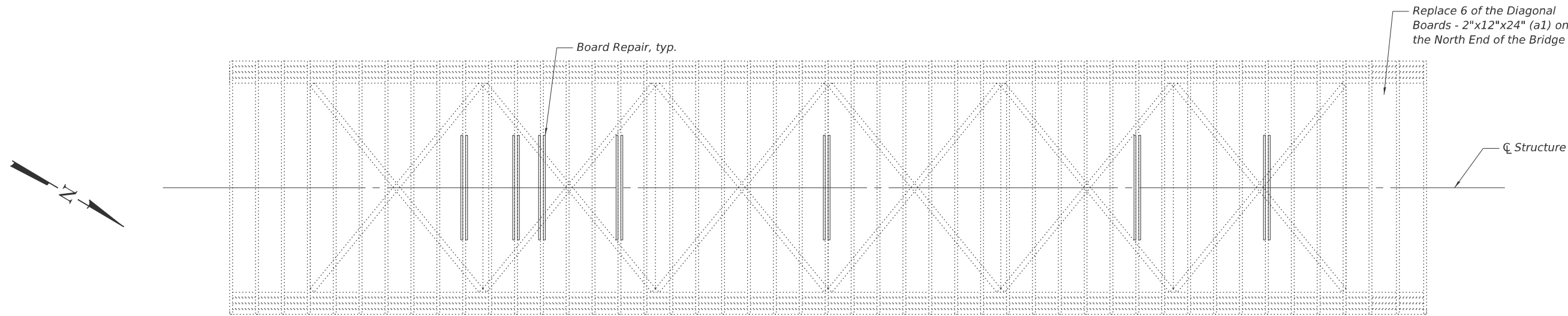
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	DRAWN - CM	REVISED -
	CHECKED - WJV	REVISED -
PLOT DATE = 11/14/2025	DATE - 05/08/2026	REVISED -

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DEPARTMENT OF TRANSPORTATION**

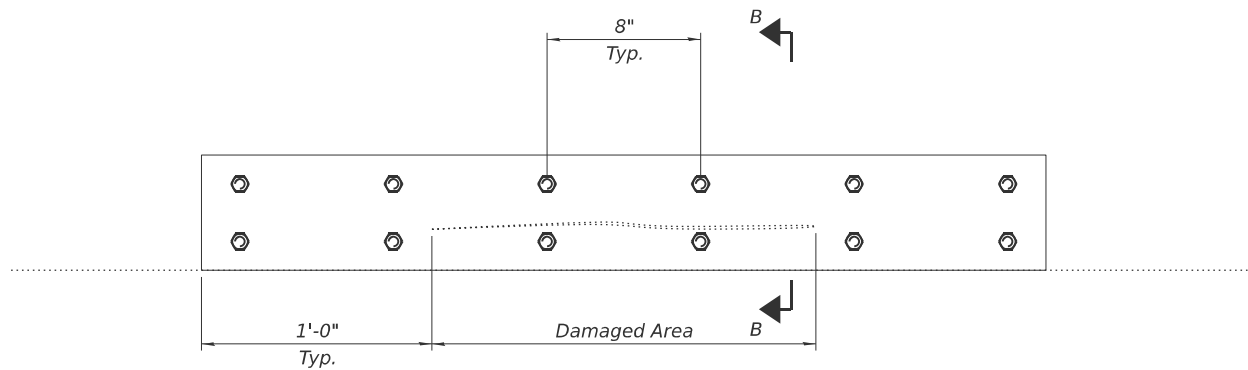
**TOP OF TRUSS CROSS BRACING
STRUCTURE NO. 006-0134**

SCALE: SHEET S3 OF S9 SHEETS TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB) BRR-1	BUREAU	32	26
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				

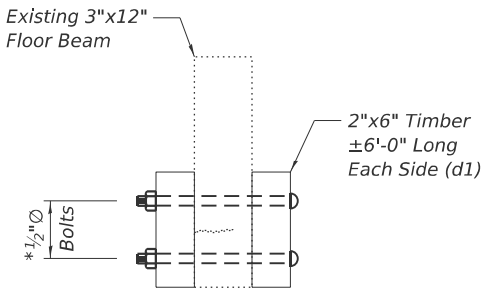


FLOOR BEAM PLAN



TYPICAL REPAIR ELEVATION

* Two carriage bolts required at each end outside of damaged area. Also include a washer on each end of the bolt.



SECTION B-B

NOTES:

- Any repair that interferes with bracing, the bracing shall be removed and replaced after completion of the repair.
- If floor beam is already doubled up, repair not required.
- Cost of floor beam repairs is included in "Treated Timber".
- The Engineer shall verify the location and dimension of defects in field.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Treated Timber	F. B. M.	372
Hardware	Pound	40

MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\stata\source\name\dms24801\0366P22-plan-border.dgn

3

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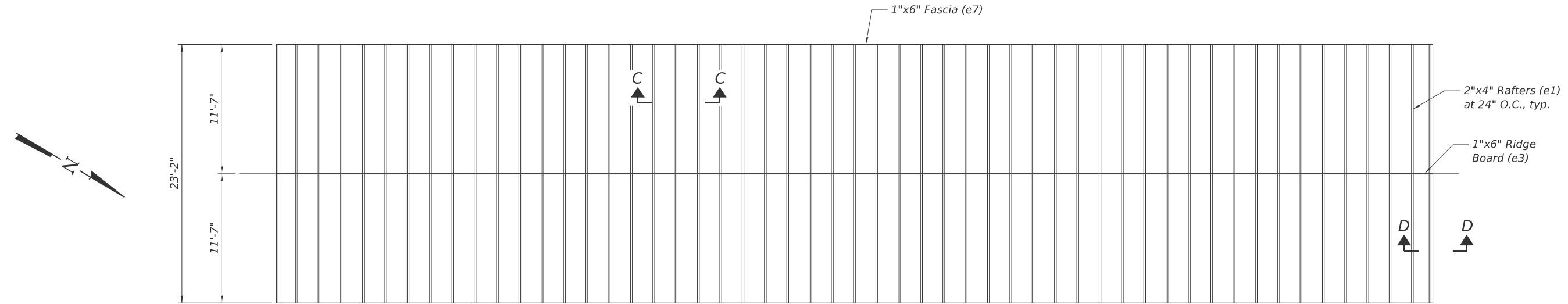
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		DRAWN	-	CM	REVISED	-
		CHECKED	-	WJV	REVISED	-
PLOT DATE	= 11/14/2025	DATE	-	05/08/2026	REVISED	-

STATE OF ILLINOIS
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FLOOR BEAM REPAIR
STRUCTURE NO. 006-0134

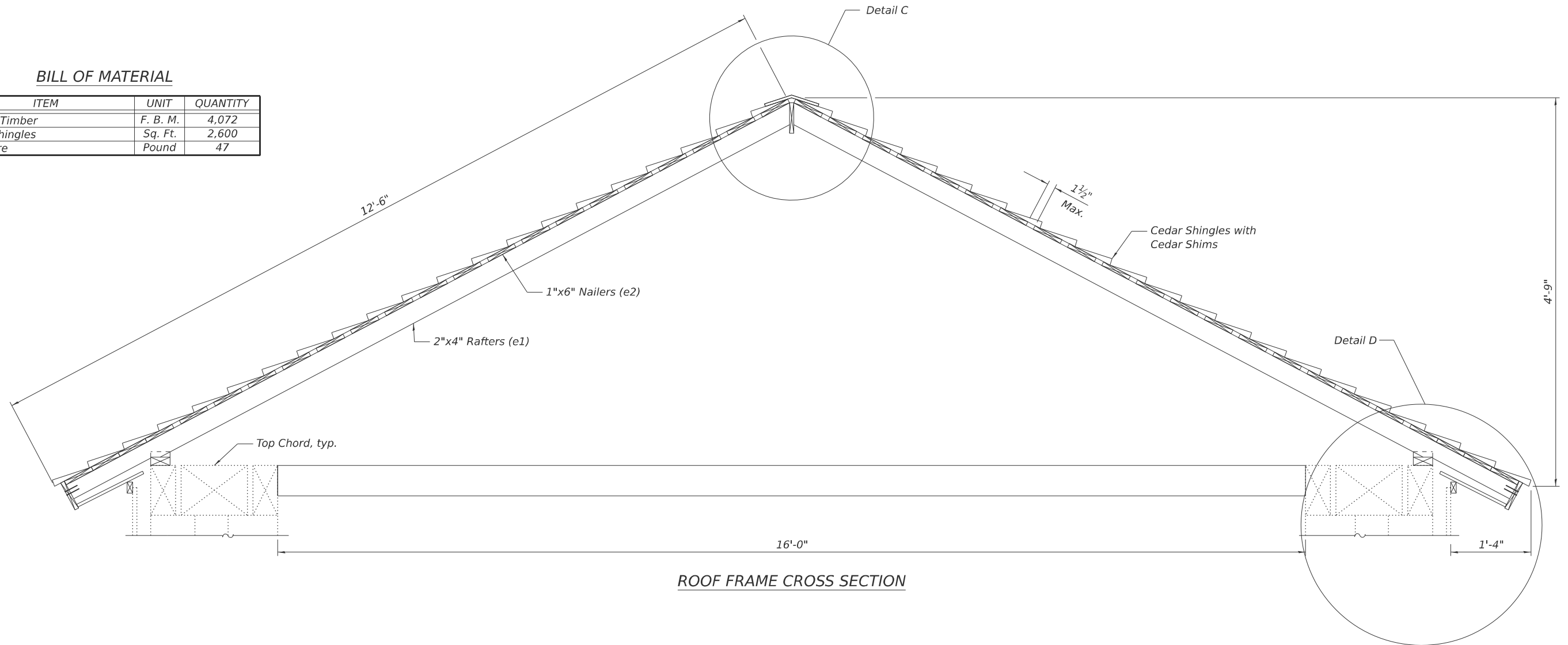
SCALE:	SHEET S4 OF S9 SHEETS	STA.	TO STA.
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T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB) BRR-1	BUREAU	32	27
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Treated Timber	F. B. M.	4,072
Cedar Shingles	Sq. Ft.	2,600
Hardware	Pound	47



ROOF FRAME CROSS SECTION

MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\stata\source\name\cma24801\0366P22-plan-border.dgn

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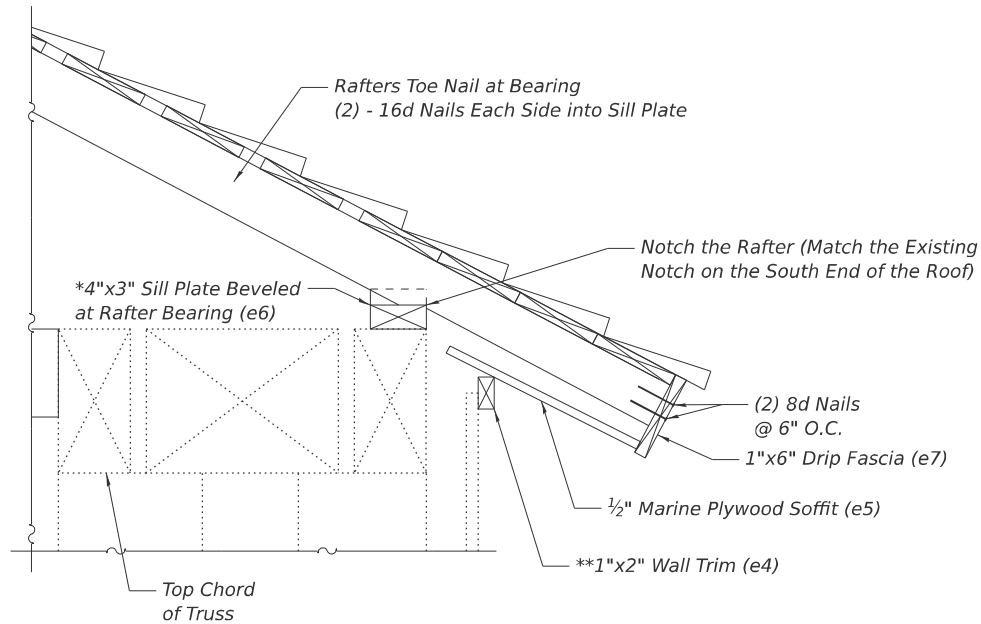
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	DRAWN - CM	REVISED -
	CHECKED - WJV	REVISED -
PLOT DATE = 11/14/2025	DATE - 05/08/2026	REVISED -

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**ROOF FRAMING PLAN AND SECTION
STRUCTURE NO. 006-0134**

SCALE:	SHEET S5 OF S9 SHEETS	STA.	TO STA.
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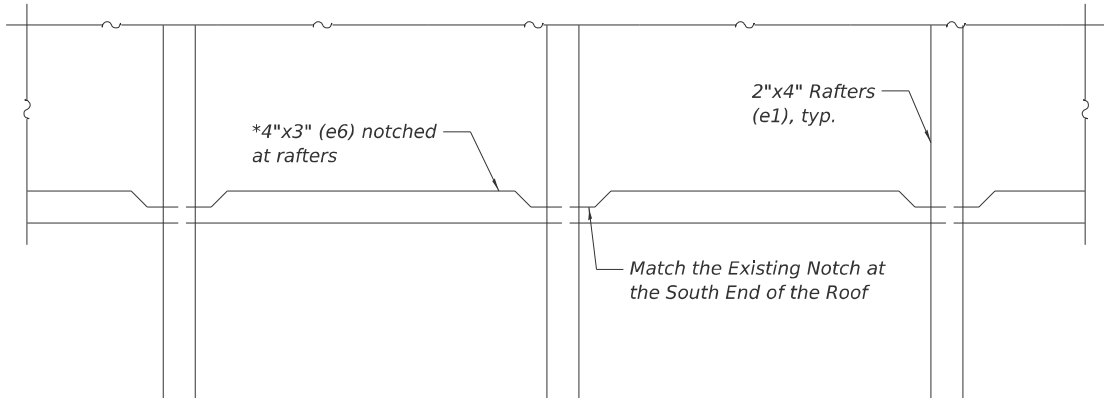
T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB) BRR-1	BUREAU	32	28
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				



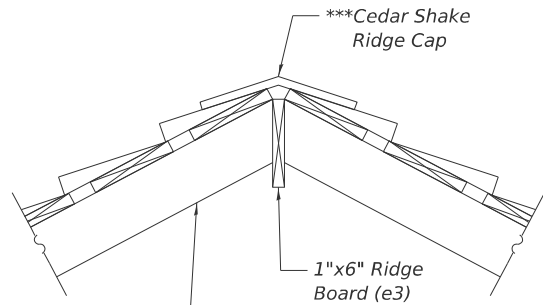
DETAIL D

*Bevel cut sill plate to match existing wedge. Approximately 1/3 of existing sill plate can be reused. That is located on the south end of the bridge. Approximately 2/3 of the existing sill plate needs to be replaced. That is located on the north end of the bridge.

**Match the existing trim. Approximately 1/3 of existing sill trim can be reused. That is located on the south end of the bridge. Approximately 2/3 of the existing trim needs to be replaced. That is located on the north end of the bridge.

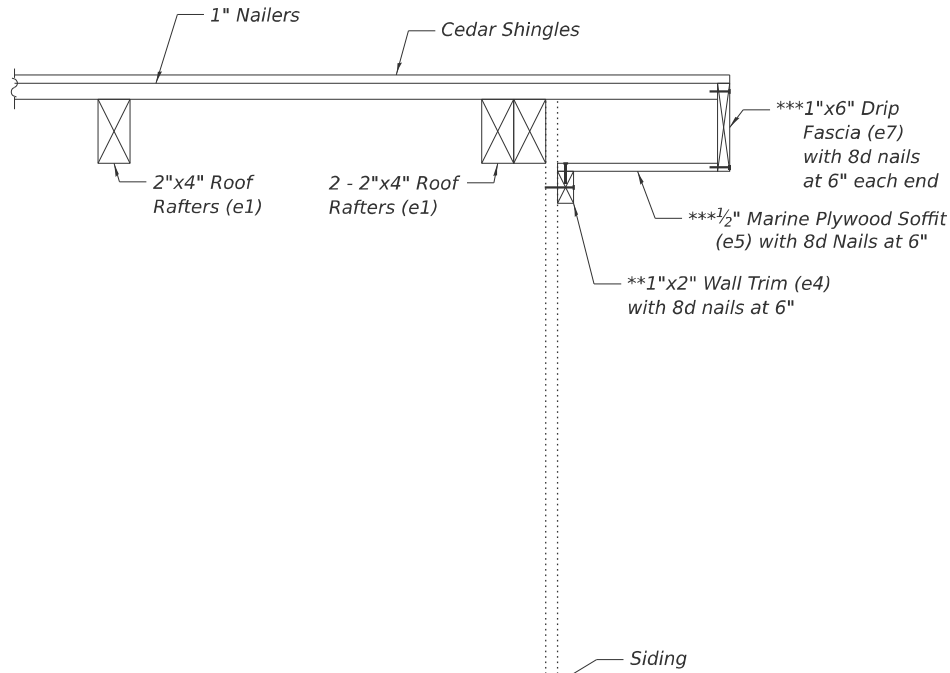


SECTION C-C



DETAIL C

***Cost included with Cedar Shingles



SECTION D-D

***Match the existing members at the south face.

BILL OF MATERIAL - ROOF, CROSS BRACING AND SIDING

MEMBER	DESCRIPTION	SIZE	NUMBER	MATERIAL
a1	Timber Deck	2"x12"x24'-0"	16	Spruce Pine Fir No. 2
c1	Cross Bracing	6"x6"x22'-0"	12	Douglas Fir-Larch No. 2
c2	Wedge	6"x6"x14'-0"	1	Douglas Fir-Larch No. 2
c3	Wedge Seat	2"x2"x16'-0"	1	Douglas Fir-Larch No. 2
d1	Timber Beam	2"x6"x12'-0"	7	Douglas Fir-Larch No. 2
e1	Roof Rafter	2"x4"x14'-0"	106	Douglas Fir-Larch No. 2
e2	Roof Nailers	1"x6"x16'-0"	308	Douglas Fir-Larch No. 2
e3	Ridge Board	1"x6"x16'-0"	8	Douglas Fir-Larch No. 2
e4	Wall Trim	1"x2"x8'-0"	32	Douglas Fir-Larch No. 2
e5	Marine Plywood Soffit	1/2"x4'-0"x8'-0"	16	Marine Plywood
e6	Sill Plate	3"x4"x12'-0"	8	Douglas Fir-Larch No. 2
e7	Drip Fascia	1"x6"x16'-0"	20	Douglas Fir-Larch No. 2
f1	Wood Planks	1"x12"x15'-6"	24	Spruce Pine Fir No. 2
f2	Battens	1"x2 1/2"x15'-6"	24	Spruce Pine Fir No. 2

NOTES:

- Dimensions shown are actual sizes of members to be used. Nominal sizes will not be allowed.
- Timber members shall be cut to fit as needed.
- Structural timber shall be rough sawn.
- Holes in timber members if necessary shall be according to Article 507.08 of the Standard Specifications.

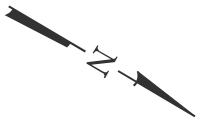
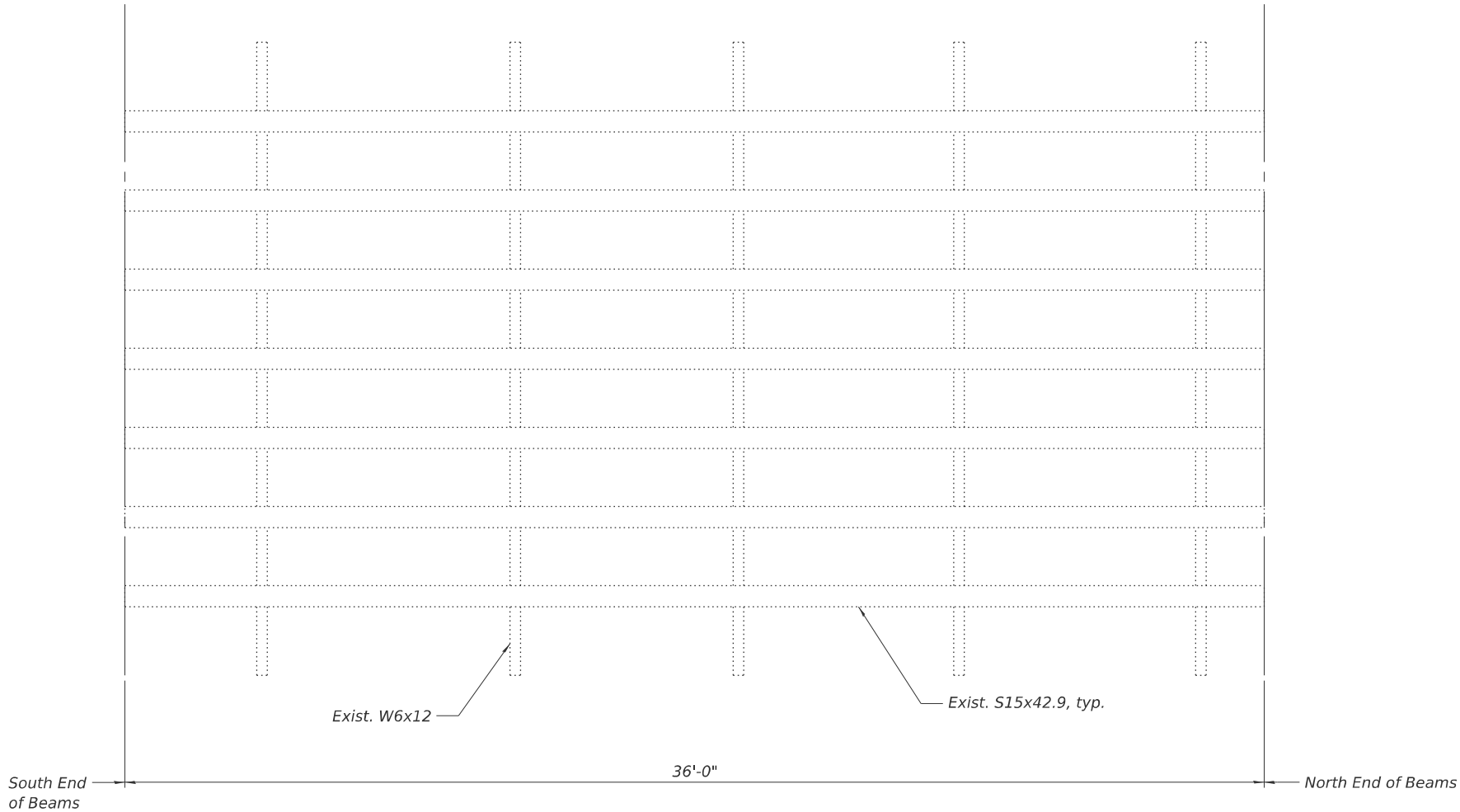
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ROOF FRAMING DETAILS
STRUCTURE NO. 006-0134

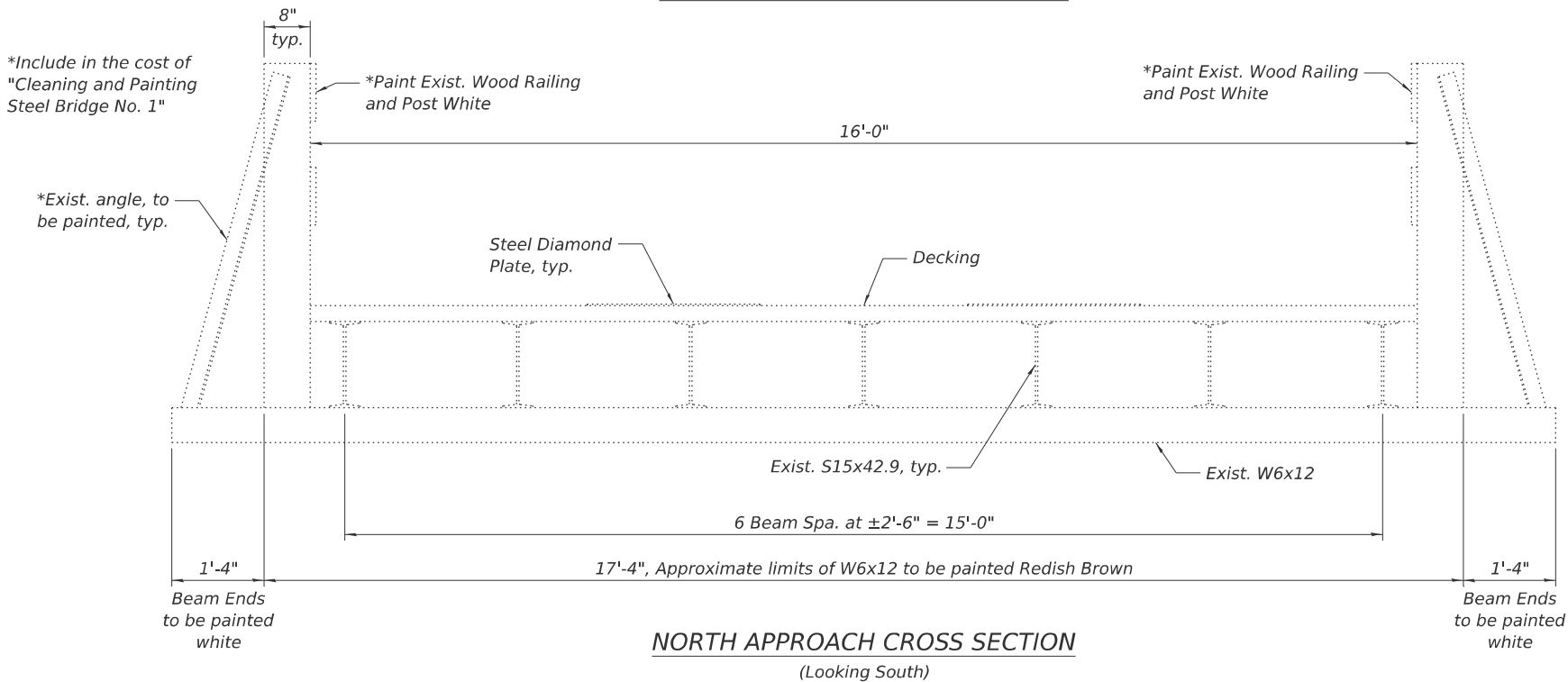
SCALE: SHEET S6 OF S9 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB) BRR-1		32	29
CONTRACT NO. 66P22				
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NORTH APPROACH FRAMING PLAN



BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Cleaning and Painting Steel Bridge No. 1	L. Sum	1
Containment and Disposal of Non-lead Painting Residues No. 1	L. Sum	1
Bridge Cleaning and Painting Warranty No. 1	L. Sum	1

NOTES:

- Remove decking and steel diamond plate on the North Approach and store till the cleaning and pinting of the beams is completed. Then reattach the decking and the steel diamond plate at their existing location. Cost included with "Cleaning and Painting Existing Steel Bridge No. 1".
- Cleaning and painting of the existing structural steel No. 1 Approach shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All beams, railings, bearings and other structural steel included in the north approach span shall be cleaned per Near White Blast Cleaning (SSPC-SP10). The exterior surface and bottom of the bottom flange of the fascia beams shall be cleaned per Commercial Grade Power Tool Cleaning (SSPC-SP15).
- The designated areas cleaned per Near White Blast Cleaning (SSPC-SP10) and per Commercial Grade Power Tool Cleaning (SSPC-SP15) shall be painted according to the requirements of the Organic Zinc-Rich / Epoxy / Urethane paint system. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Redish Brown, Munsel No. 2.5YR 3/4. The color of the final finish coat of the steel railing angle shall be white.
- The north approach span steel shall be considered as "Location No. 1".

MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\stata\source\name\cma24801\0366P22-plan-border.dgn



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DEPARTMENT OF TRANSPORTATION

Beam Ends
to be painted
white

NORTH APPROACH PAINTING
STRUCTURE NO. 006-0134

SCALE: SHEET S7 OF S9 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB) BRR-1	BUREAU	32	30
CONTRACT NO. 66P22				

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MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\stata\source\name\cma24801\0366P22-plan-border.dgn

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PUMP HOUSE ROOF

STRUCTURE NO. 006-0134

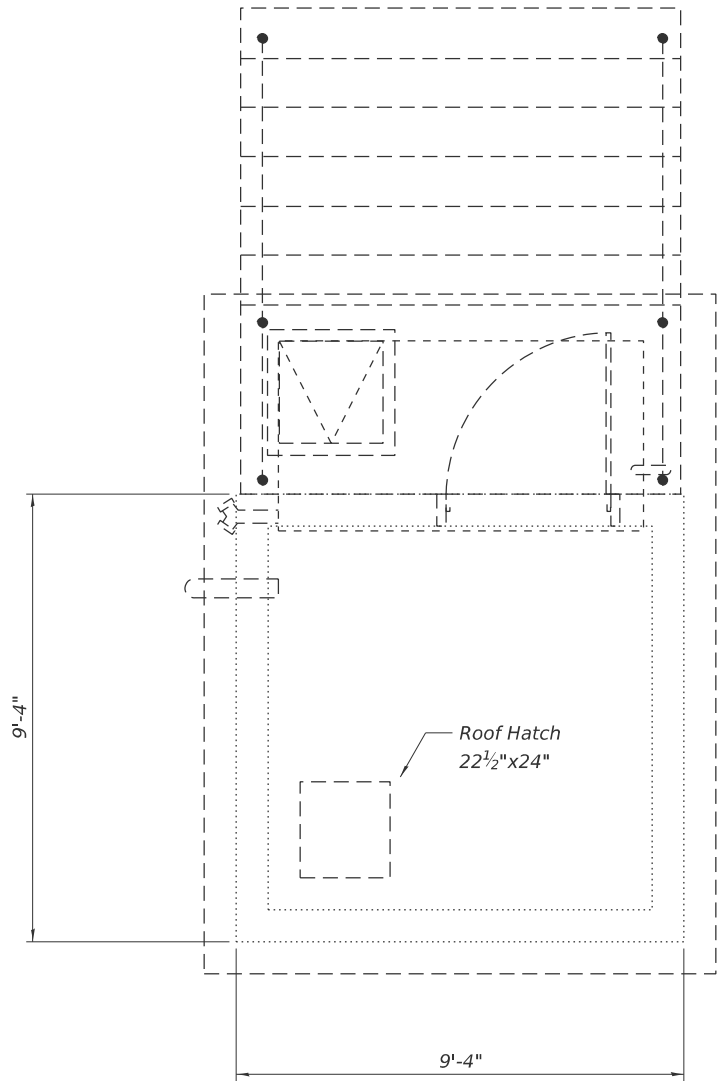
SCALE:

SHEET S8 OF S9 SHEETS

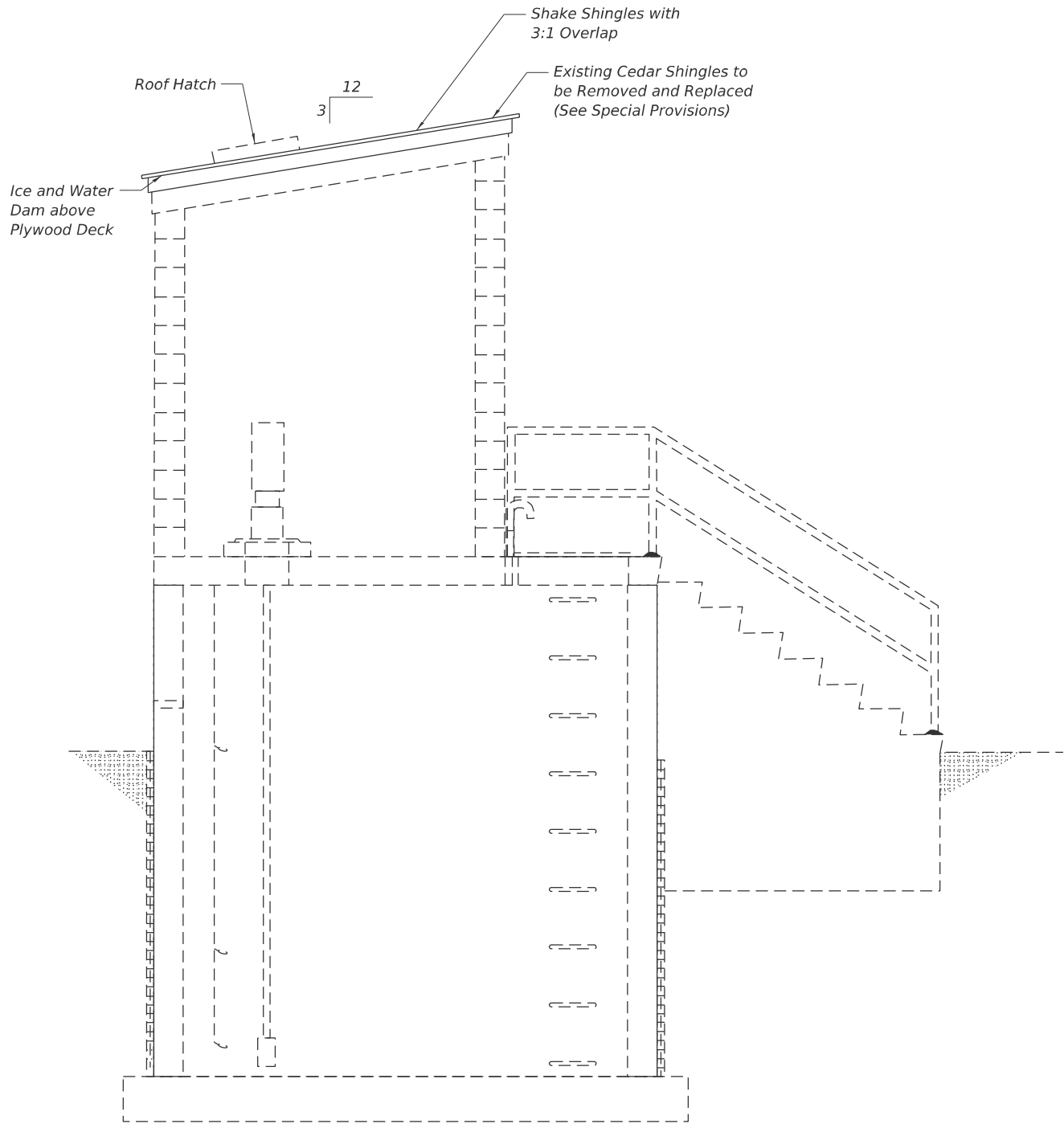
STA.

TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB) BRR-1	BUREAU	32	31
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				



PLAN



ELEVATION

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Cedar Shingles	Sq. Ft.	87
Hardware	Pound	1



Replace all of the facing using the south face as template where necessary (f1 and f2)

NORTH FACE OF BRIDGE



SOUTH FACE OF BRIDGE



NORTHEAST FACE OF BRIDGE



The bottom panels have decayed, but would not recommend replacement due to Aesthetics

BOTTOM PANELS ON EAST SIDE



NORTHWEST INNER PANEL



SOUTHWEST INNER PANEL



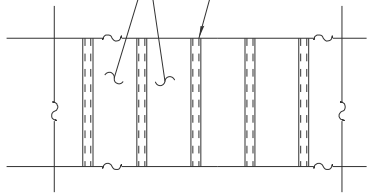
Reattach the top rail that is laying on the deck (See photo of Northwest Inner Panel for properly attached rail)

REATTACH TOP RAIL AT NORTHWEST CORNER

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Treated Timber	F. B. M.	263
Painting Timber Structure	Sq. Ft.	4,648
Hardware	Pound	4

1"x12" Wood Planks (f1)
1"x2½" Battens with 45° bevels (f2)



SIDING DETAIL
(Typical for all siding)

NOTES

- Engineer in the field shall make the final determination of what siding needs to be replaced and what siding needs to be reattached.
- All siding replacement, and siding and rail reattachments will be included in the cost of Treated Timber.
- Provide 10 - 1"x12"x15'-6" (f1) wood planks, and 10 - 1"x2½"x15'-6" (f2) Battens with 45° bevels to be stored at District 3 for future use, as needed (187 F.B.M.).
- See Special Provision for Painting Timber Structure.
- Clean and paint all of the red siding.

MODEL: 66P22 Sheet Border
FILE NAME: c:\workingdir\stata\source\name\cma24801\0366P22-plan-border.dgn

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SIDING REPAIRS
STRUCTURE NO. 006-0134

SCALE: SHEET S9 OF S9 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
246	(ORCB) BRR-1	BUREAU	32	32
CONTRACT NO. 66P22				
ILLINOIS FED. AID PROJECT				