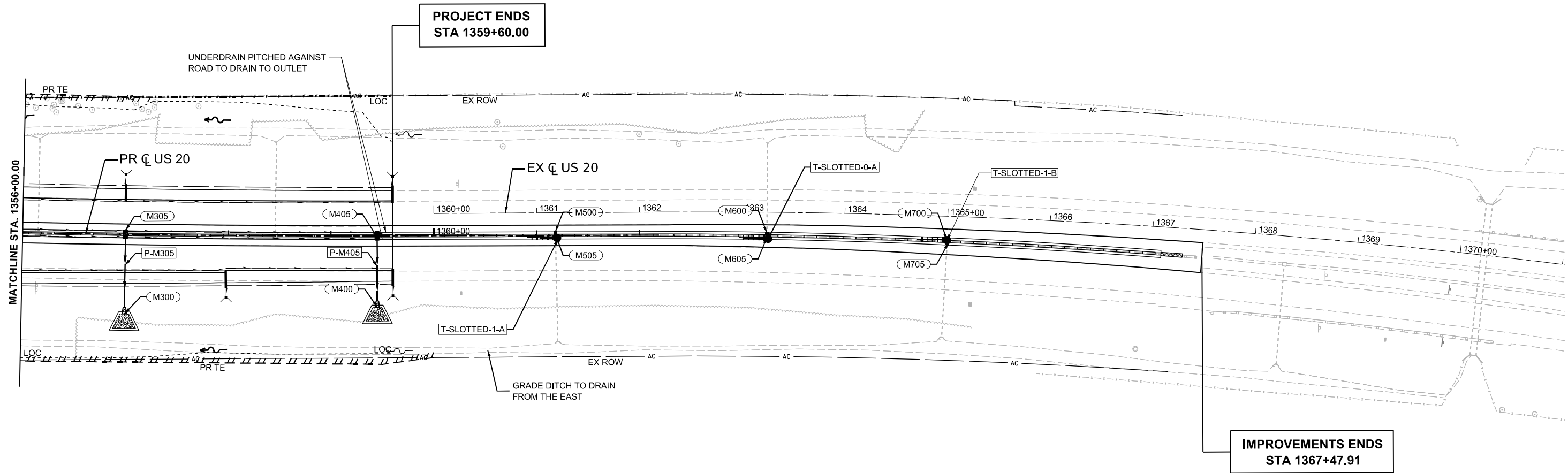


DRAINAGE LEGEND

- > EXISTING DITCH FLOW TO REMAIN
- > PROPOSED DITCH FLOW
- > PROPOSED CULVERT FLOW DIRECTION
- CONCRETE HEADWALL FOR PIPE DRAINS
- RIPRAP WITH FILTER FABRIC FOOTPRINT
- TEMP PIPE, STORM PIPE
- TURF REINFORCEMENT MAT
- SLOTTED DRAIN
- PROPOSED PIPE
- UNDERDRAIN (OFFSET FOR VISUAL CLARITY, SEE TYPICALS FOR ACTUAL LOCATION)



- NOTES:
1. TEMPORARY AND PERMANENT GRATES MUST BE BOLTED WHEN LOCATED IN TRAFFIC PATH
 2. PROTECT EXISTING STRUCTURES AND PIPES EXTENDING FROM STRUCTURES
 3. FIELD VERIFY PIPE ELEVATIONS WITH RESPECT TO SHOULDER RECONSTRUCTION



MODEL: P:\US20\Har - Drainage Plan 3 (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\projects\1844494\264R72-KISH-sht-Drainage-Plan-US20.dgn



USER NAME = jworthington	DESIGNED - A.FAULKNER	REVISED -
	DRAWN - E.SAYRE	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED - C.RUTKOWSKI	REVISED -
PLOT DATE = 9/19/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

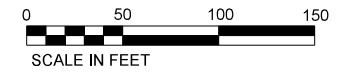
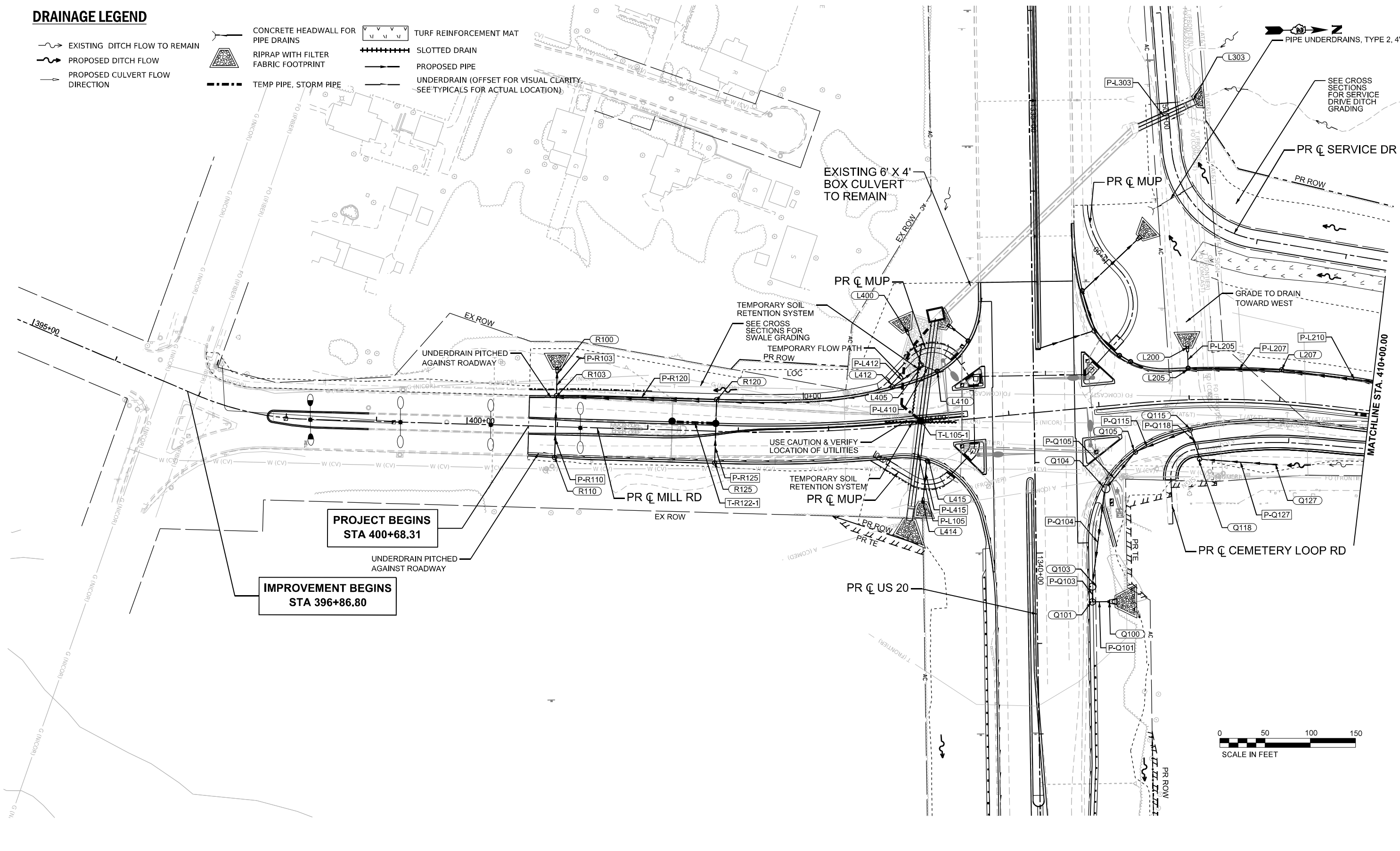
**PROPOSED DRAINAGE PLANS
US 20**

SCALE: 1"=50' SHEET 3 OF 10 SHEETS STA. A 1356+00.00 TO STA. A 1371+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	201
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

DRAINAGE LEGEND

- EXISTING DITCH FLOW TO REMAIN
- PROPOSED DITCH FLOW
- PROPOSED CULVERT FLOW DIRECTION
- CONCRETE HEADWALL FOR PIPE DRAINS
- RIPRAP WITH FILTER FABRIC FOOTPRINT
- TEMP PIPE, STORM PIPE
- TURF REINFORCEMENT MAT
- SLOTTED DRAIN
- PROPOSED PIPE
- UNDERDRAIN (OFFSET FOR VISUAL CLARITY. SEE TYPICALS FOR ACTUAL LOCATION)



MODEL: P-C-Mill - Drainage Plan 1 [Sheet]
 FILE NAME: c:\pwworkdir\benesch_projects\projects\01844434\264R72-KISH-sht-Drainage-Plan-MILL.dgn



USER NAME =	afaulkner	DESIGNED -	A.FAULKNER	REVISED -	
DRAWN -	E.SAYRE	REVISIONS		REVISED -	
PLOT SCALE =	SSCALE\$	CHECKED -	C.RUTKOWSKI	REVISED -	
PLOT DATE =	9/18/2025	DATE -		REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

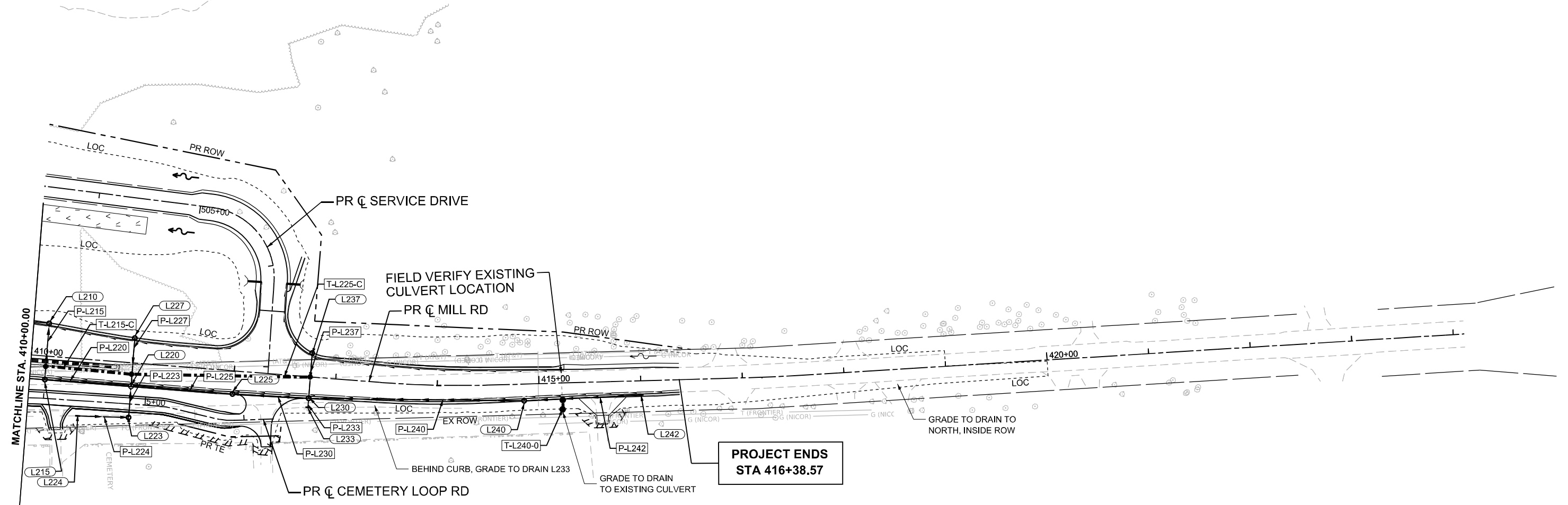
**PROPOSED DRAINAGE PLANS
MILL RD**

SCALE: 1"=50' SHEET 4 OF 10 SHEETS STA. 395+00.00 TO STA. 410+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	202
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

DRAINAGE LEGEND

- ~ EXISTING DITCH FLOW TO REMAIN
- ~ PROPOSED DITCH FLOW
- PROPOSED CULVERT FLOW DIRECTION
- ▬ CONCRETE HEADWALL FOR PIPE DRAINS
- ▬ RIPRAP WITH FILTER FABRIC FOOTPRINT
- ▬ TEMP PIPE, STORM PIPE
- ▬ TURF REINFORCEMENT MAT
- ▬ SLOTTED DRAIN
- ▬ PROPOSED PIPE
- ▬ UNDERDRAIN (OFFSET FOR VISUAL CLARITY, SEE TYPICALS FOR ACTUAL LOCATION)



**PROJECT ENDS
STA 416+38.57**



MODEL: P:\C\Mill - Drainage Plan 2 [Sheet]
 FILE NAME: c:\pwworkdir\benesch_projects\projects\018444\41264R72-41SH-sht-Drainage-Plan-MILL.dgn



USER NAME = jworthington	DESIGNED - A.FAULKNER	REVISED -
	DRAWN - E.SAYRE	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED - C.RUTKOWSKI	REVISED -
PLOT DATE = 9/19/2025	DATE -	REVISED -

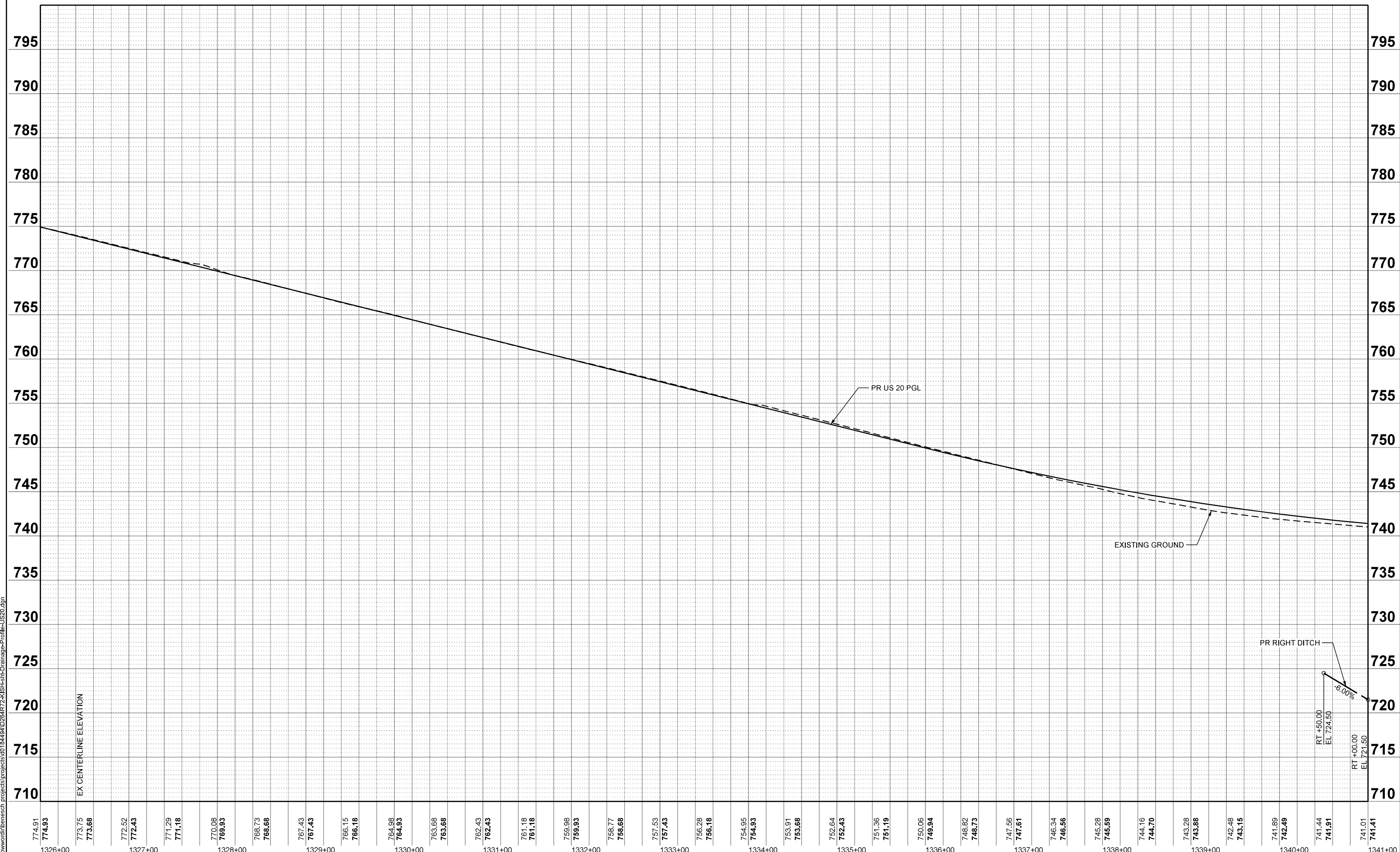
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PLANS
MILL RD**

SCALE: 1"=50' SHEET 5 OF 10 SHEETS STA. 410+00.00 TO STA. 425+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	203
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

MODEL: P:\US20Hrc_P\Projected-P\US20Hrc_P\Projected (Sheet)
 FILE NAME: c:\pwworkdir\benesch\projects\project\184494\12264R72-KISH-shh-Drainage-Profile-US20.dgn



EX CENTERLINE ELEVATION

PR US 20 PGL

EXISTING GROUND

PR RIGHT DITCH

RT +50.00
EL 724.50
-6.00%
RT +00.00
EL 721.50



USER NAME = jworthington
 PLOT SCALE = \$\$SCALE\$
 PLOT DATE = 9/19/2025

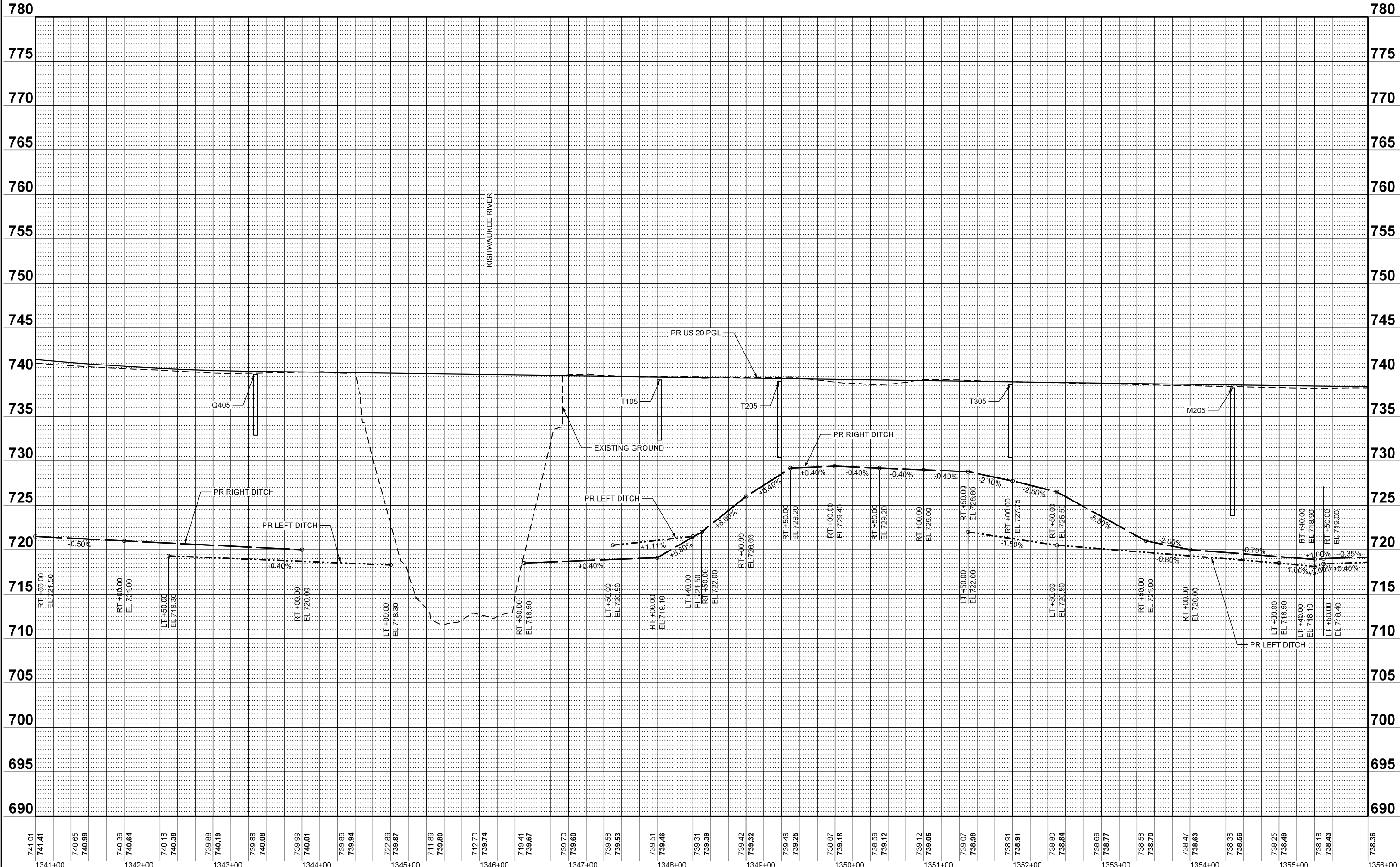
DESIGNED -	A. FAULKNER	REVISED -	
DRAWN -	E. SAYRE	REVISED -	
CHECKED -	C. RUTKOWSKI	REVISED -	
DATE -		REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PROFILES
 US 20**

SCALE: 1"=50' SHEET 6 OF 10 SHEETS STA. 1326+00.00 TO STA. 1341+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	204
CONTRACT NO. 64R72				
		ILLINOIS	FED. AID PROJECT	



MODEL: PUS20Hrc_Profile_PUS20Hrc_Profile1 [Sheet]
 FILE NAME: c:\pwworkdir\benesch\project\project\1844491\2264R72-KISH-sht-Drainage-Profile-US20.dgn



USER NAME = jworthington
 PLOT SCALE = \$SCALE\$
 PLOT DATE = 9/2/2025

DESIGNED - A. FAULKNER
 DRAWN - E. SAYRE
 CHECKED - C. RUTKOWSKI
 DATE -

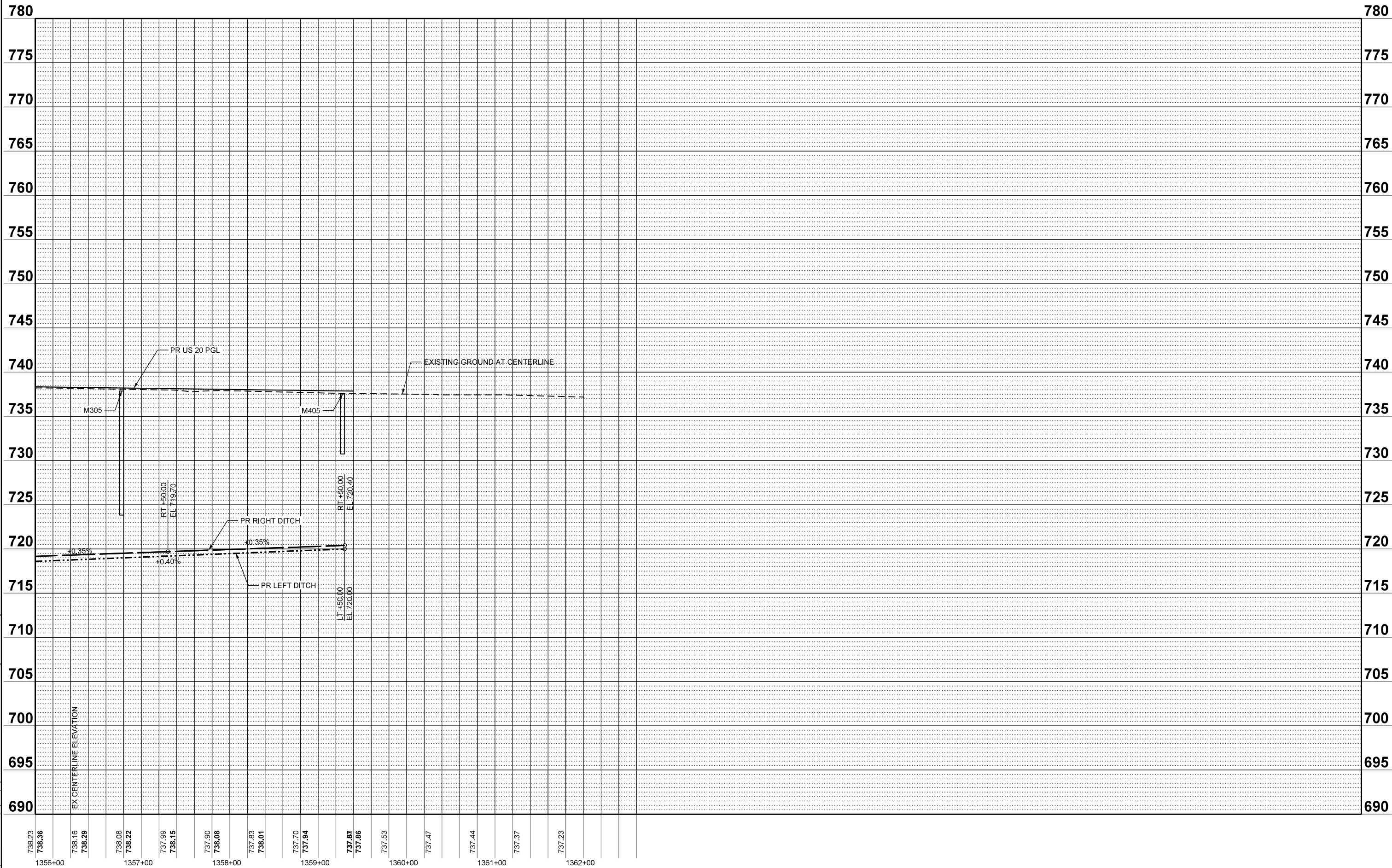
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PROFILES
 US 20

SCALE: 1"=50' SHEET 7 OF 10 SHEETS STA. 1341+00.00 TO STA. 1356+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	205
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



MODEL: P:\US20Hr_Profile-PU20Hr_Profile-2 (Sheet)
 FILE NAME: c:\pwworkdir\benesch_projects\proj\60184449\1226472-KISH-sht-Drainage-Profile-US20.dgn

738.23	1356+00
738.36	
738.16	
738.29	
738.08	1357+00
738.22	
737.99	
738.15	
737.90	1358+00
738.08	
737.83	
738.01	
737.70	1359+00
737.94	
737.87	
737.86	
737.53	1360+00
737.47	
737.44	1361+00
737.37	
737.23	1362+00



USER NAME = jworthington
 PLOT SCALE = \$\$\$CALE\$
 PLOT DATE = 9/19/2025

DESIGNED - A. FAULKNER
 DRAWN - E. SAYRE
 CHECKED - C. RUTKOWSKI
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PROFILES
US 20

SCALE: 1"=50' SHEET 8 OF 10 SHEETS STA. 1356+00.00 TO STA. 1371+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	206
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

MODEL: PrtPrgMill - Drainage Profile 1 (Sheet)
 FILE NAME: c:\pwworkdir\benesch_projects\project\1844491\264R72-KISH-sht-Drainage-Profile-MILL.dgn



390+00		391+00		392+00		393+00		394+00		395+00		396+00	737.68 737.68	738.85 738.85	739.07 739.07	738.57 738.57	739.10 738.95	738.39 737.81	737.58 737.87	737.49 737.95	738.22 738.03	738.43 738.11	738.95 738.46	739.52 738.97	740.11 739.48	739.92 739.98	740.47 740.49	740.93 741.00	741.39 741.71	741.87 742.44	742.31 743.13
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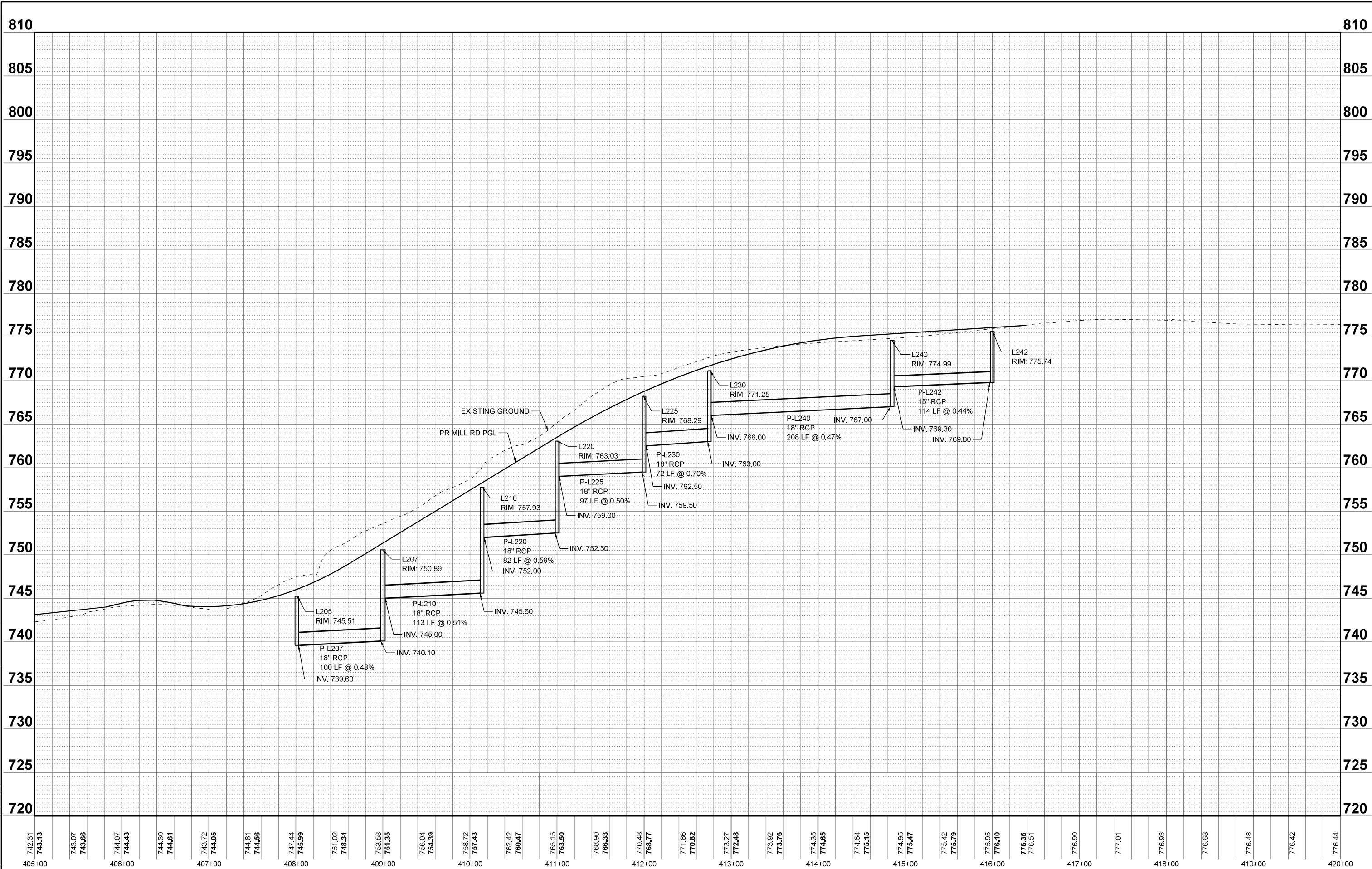


USER NAME = jworthington	DESIGNED - A.FAULKNER	REVISED -
	DRAWN - E.SAYRE	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED - C.RUTKOWSKI	REVISED -
PLOT DATE = 9/2/2025	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE PROFILES			
MILL RD			
SCALE: 1"=50'	SHEET 9	OF 10 SHEETS	STA. 395+00.00 TO STA. 410+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	207
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



MODEL: PrtP/GM/MLL - Drainage Profile 2 (Sheet)
 FILE NAME: c:\pwworkdir\benesch_projects\project\401844491\264R72-KISH-sht-Drainage-Profile-MLL.dgn



USER NAME = afaulkner
 PLOT SCALE = \$SCALE\$
 PLOT DATE = 11/6/2025

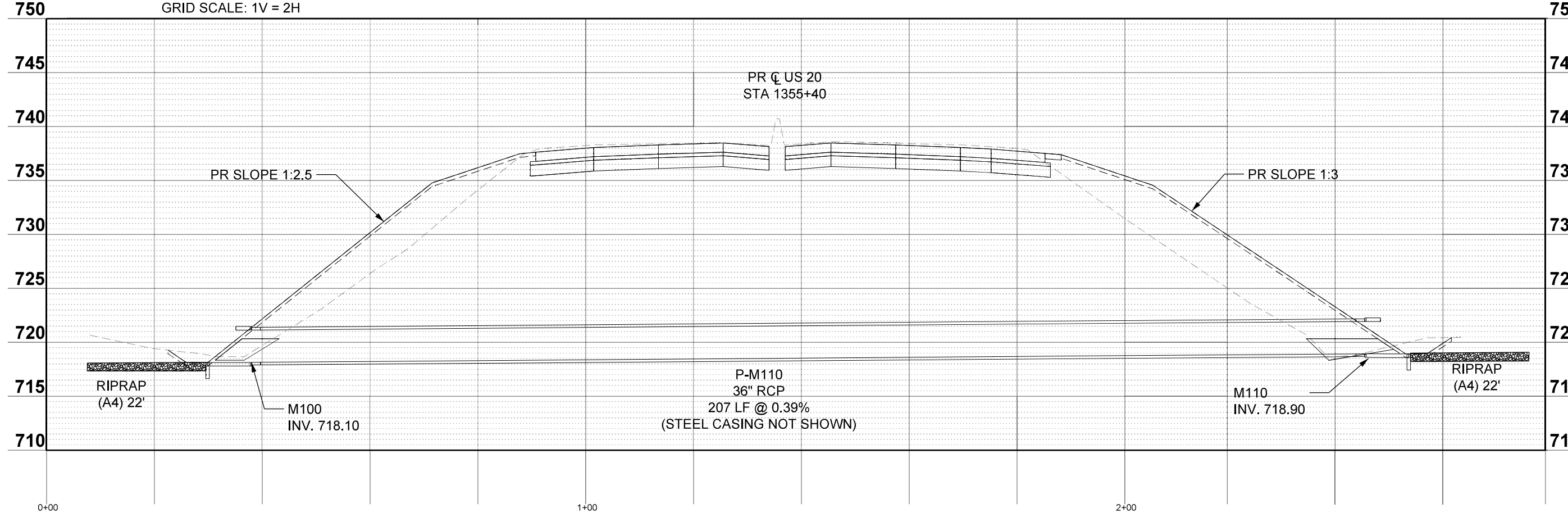
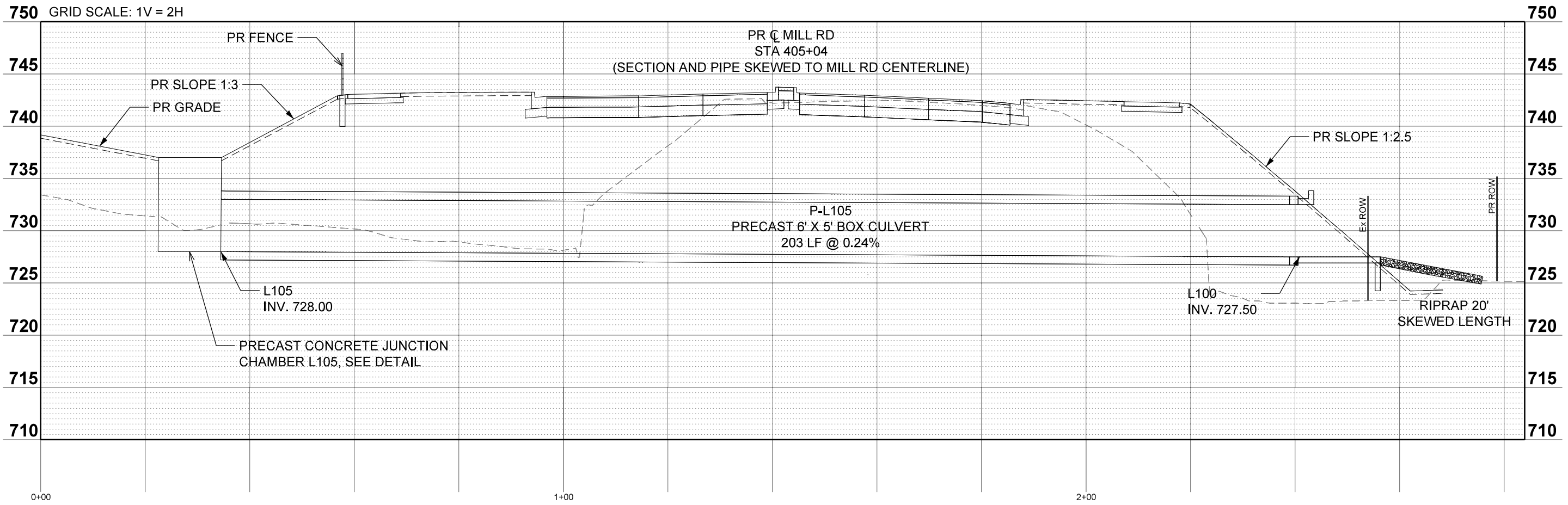
DESIGNED -	A.FAULKNER	REVISED -	
DRAWN -	E.SAYRE	REVISED -	
CHECKED -	C.RUTKOWSKI	REVISED -	
DATE -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PROFILES
MILL RD

SCALE: 1"=50' SHEET 10 OF 10 SHEETS STA. 410+00.00 TO STA. 425+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	208
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



MODEL: CULV.XS-1 Basin LM [Sheet]
 FILE NAME: c:\pwworkdir\benesch_projects\projects\01844491\264R72-KISH-sht-Drainage-CULV.XS.dgn



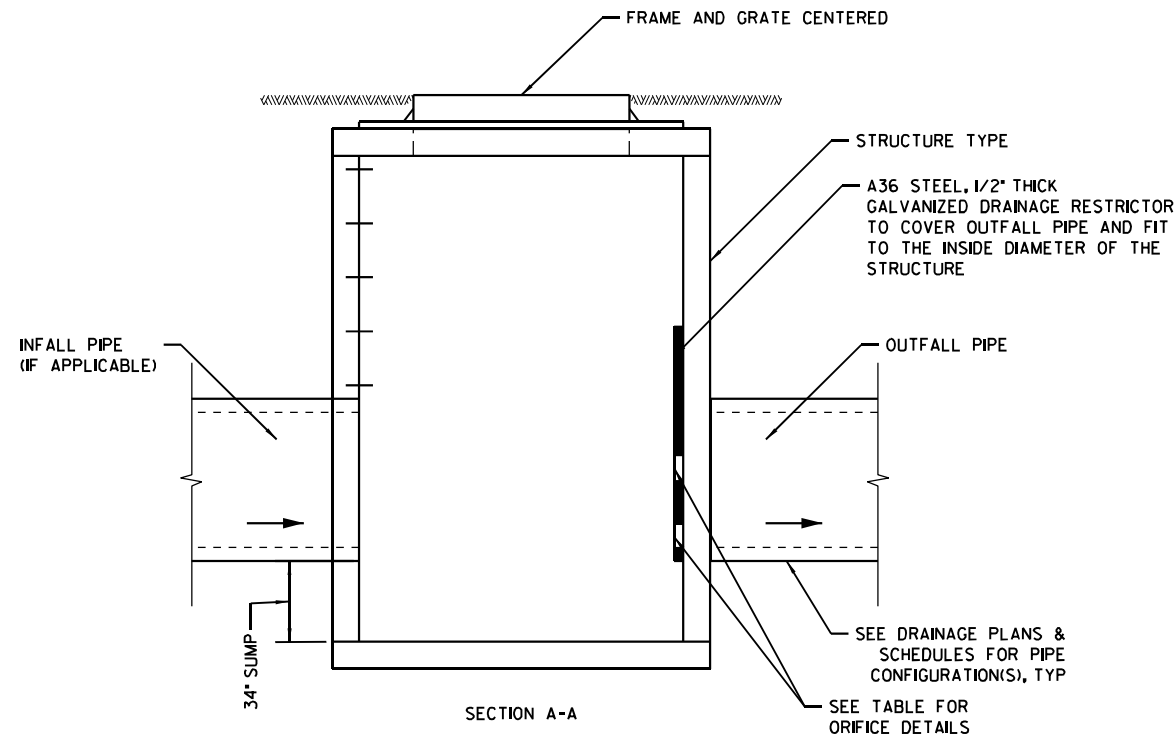
USER NAME = jworthington	DESIGNED - A. FAULKNER	REVISED -
	DRAWN - E. SAYRE	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED - C. RUTKOWSKI	REVISED -
PLOT DATE = 9/2/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT CROSS SECTIONS

SCALE: AS NOTED SHEET 1 OF 1 SHEETS STA. 0+00.00 TO STA. 2+19.00

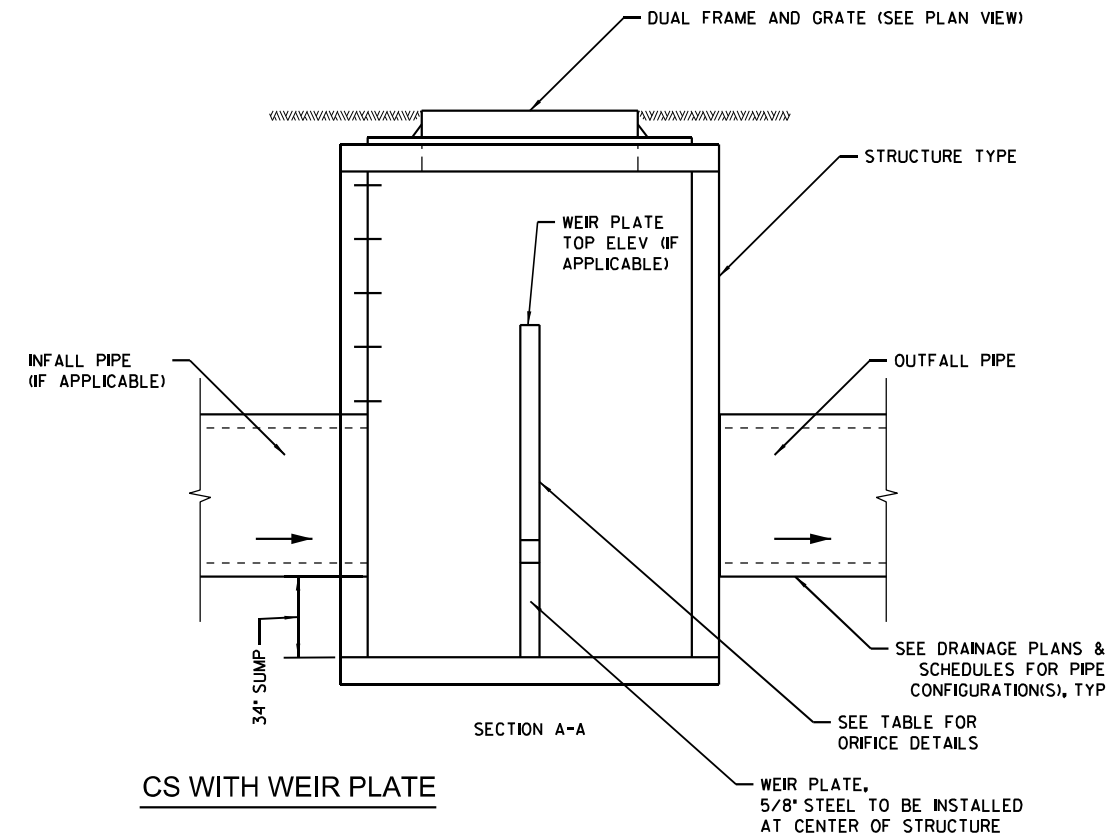
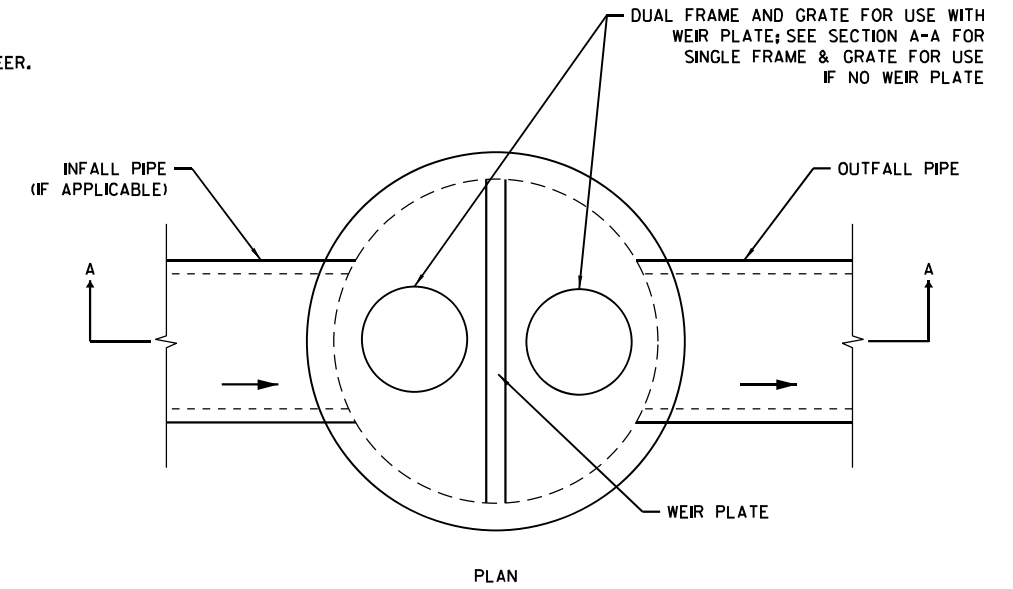
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	209
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



CS WITH DRAINAGE RESTRICTOR

NOTES:

1. ALL PLATES AND FASTENERS MUST BE FABRICATED IN STAINLESS STEEL, DUCTILE IRON, OR EQUIVALENT WATERPROOF/WEATHER PROOF/GALVANIZED MATERIALS.
2. CONTRACTOR TO ENSURE DESIGN AND CALCULATIONS FOR ALL PLATES AND FASTENERS ARE STAMPED BY ENGINEER.
3. SEE TABLE FOR DETAILS
4. FRAME & GRATES TO BE BOLTED



CS WITH WEIR PLATE

NAME		STRUCTURE TYPE	FRAME AND GRATE TYPE	OUTFALL PIPE	DRAINAGE RESTRICTOR				WEIR PLATE		
STRUCTURE	PAY ITEM				ORIFICE DIA. 1	INVERT OF ORIFICE 1	ORIFICE DIA. 2	INVERT OF ORIFICE 2	TOP ELEV	ORIFICE DIA.	INVERT OF ORIFICE
Q103	CS NO. 1	8-FT MH	(2) TYPE I, OPEN	Q103	---	---	---	---	738.80	10-IN	732.70
										(2) 7-IN	735.00

CONTROL STRUCTURE (SPECIAL) & DRAINAGE RESTRICTOR

MODEL: Drainage-Details-1 (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\projects\01844491\264R72-KISH-sht-DrainageDetails.dgn



USER NAME = jworthington	DESIGNED - A.FAULKNER	REVISED -
	DRAWN - E.SAYRE	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED - C.RUTKOWSKI	REVISED -
PLOT DATE = 9/19/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE DETAILS

SCALE: NTS SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	210
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

SPECIFICATIONS

BLADE/PADDLE

- Green, orange & white
- 9" x 18", 9" x 24" or 9" x 30"
- High-impact Polymer with Radius Corners

MOUNTING BASE

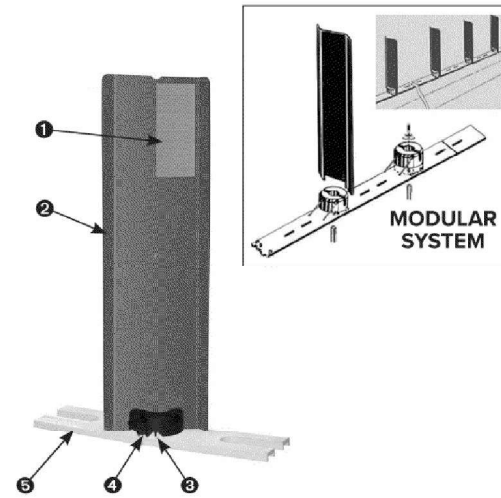
- 4-3/4" Diameter x 1-7/8" Tall
- Black High-impact Polymer

FULL BASE RAIL SECTION

- 5-1/2" x 24" x 5/8"
- White High-impact Polymer

HALF BASE RAIL SECTION

- 5-1/2" x 11" x 5/8"
- White High-impact Polymer



INLET MARKER

- ❶ Retroreflective Sheeting (Optional)
- ❷ Flexible, High-Impact Polymer Blade (18", 24" or 30" tall)
- ❸ Zinc Plated, Galvanized or Stainless Steel Hardware
- ❹ Black High-Impact Mounting Base
- ❺ 24" and 11" Modular Base Rail Sections

NOTES:
 INLET MARKERS TO BE EQUIVALENT
 TO THE SPECIFICATIONS FOR
 A SAFE-HIT GLARESCREEN

MODEL: Drainage-Details-2 (Sheet)
 FILE NAME: c:\pwworkdir\benesch_projects\projects\01844491\264R72-KISH-sih-DrainageDetails.dgn



USER NAME = jworthington
 PLOT SCALE = \$\$SCALE\$
 PLOT DATE = 9/2/2025

DESIGNED - A.FAULKNER
 DRAWN - E.SAYRE
 CHECKED - C.RUTKOWSKI
 DATE -

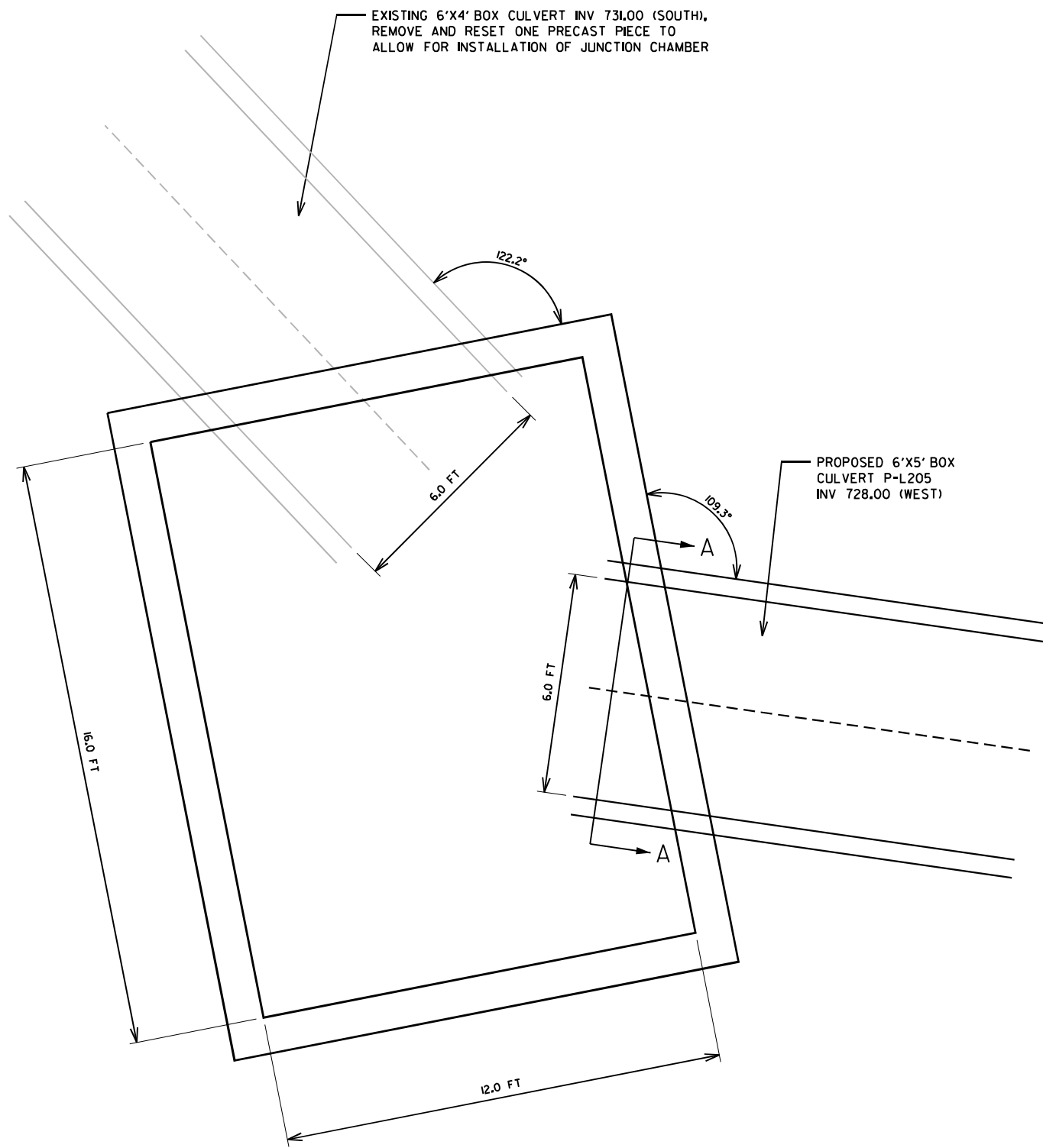
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE DETAILS

SCALE: NTS SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	211
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

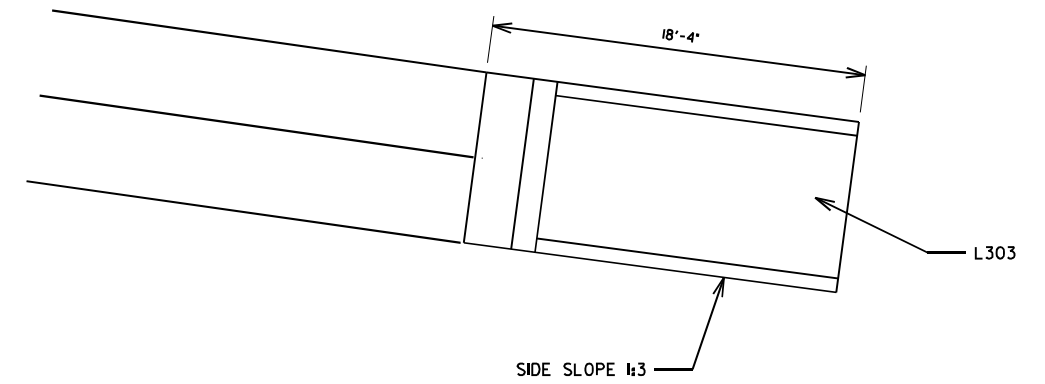


EXISTING 6'x4' BOX CULVERT INV 731.00 (SOUTH), REMOVE AND RESET ONE PRECAST PIECE TO ALLOW FOR INSTALLATION OF JUNCTION CHAMBER

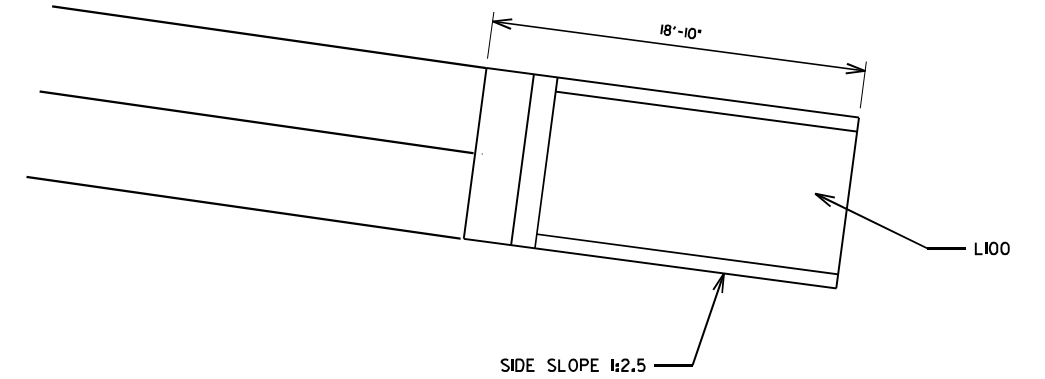
PROPOSED 6'x5' BOX CULVERT P-L205 INV 728.00 (WEST)

- NOTES:
1. GRATING TO BE MANUFACTURED IN THREE OR MORE SECTIONS TO FACILITATE REMOVAL BY HAND FOR MAINTENANCE.
 2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
 3. LADDER RUNGS TO BE PROVIDED ON ONE WALL FOR ACCESS.

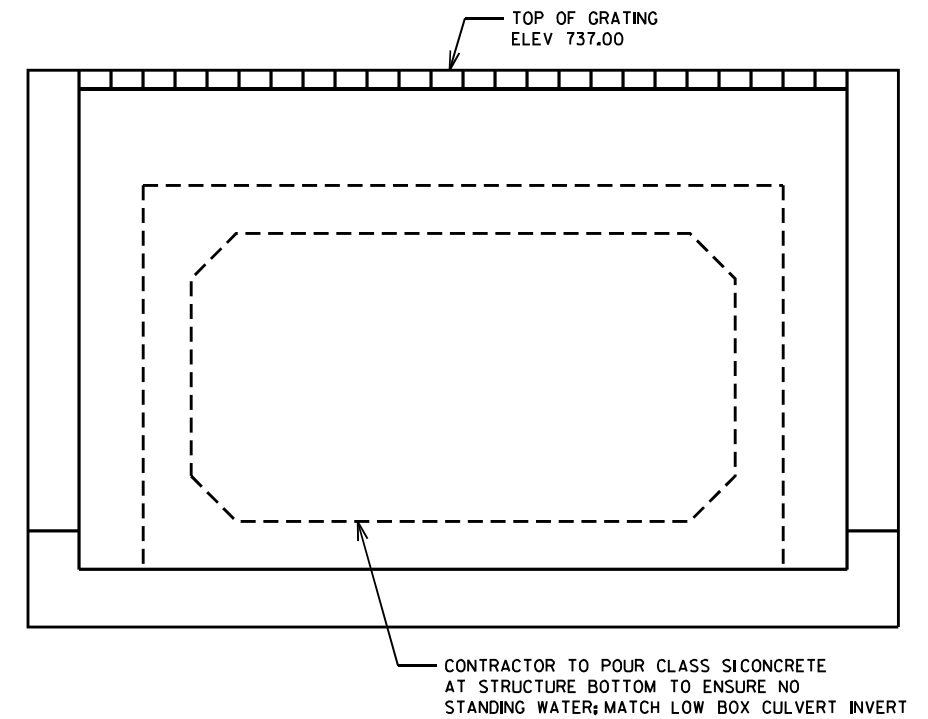
PRECAST CONCRETE JUNCTION CHAMBER L105



BOX CULVERT END SECTIONS, CULVERT NO. 1 L303



BOX CULVERT END SECTIONS, CULVERT NO. 2 L100



SECTION A-A

MODEL: Drainage-Details-3 (Sheet)
FILE NAME: c:\pwworkdir\benesch\projects\projects\01844484\264R72-KISH-sht-DrainageDetails.dgn



USER NAME = jworthington
PLOT SCALE = \$\$SCALE\$
PLOT DATE = 9/19/2025

DESIGNED - A. FAULKNER
DRAWN - E. SAYRE
CHECKED - C. RUTKOWSKI
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	212
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

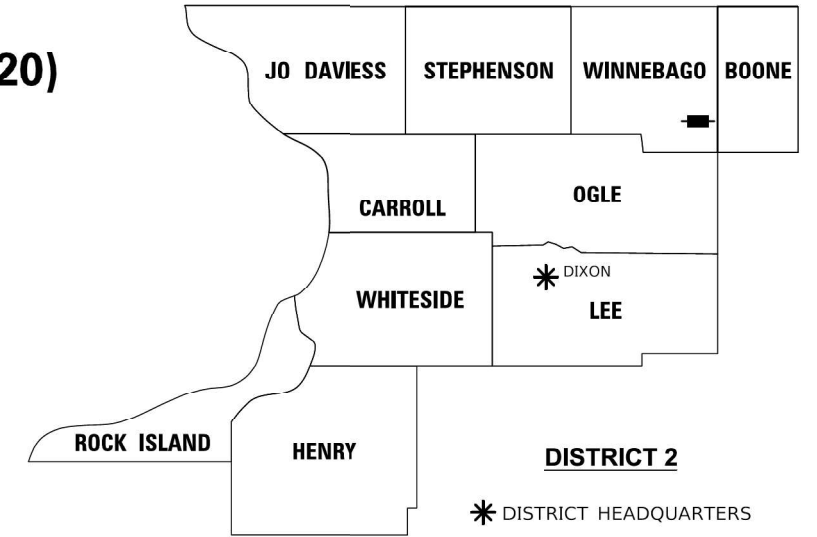
THIS DOCUMENT PREPARED BY AND AFTER RECORDING, RETURN TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
ATTN: BUREAU OF LAND ACQUISITION
819 DEPOT AVENUE
DIXON, IL 61021

SPACE RESERVED FOR RECORDING OFFICER

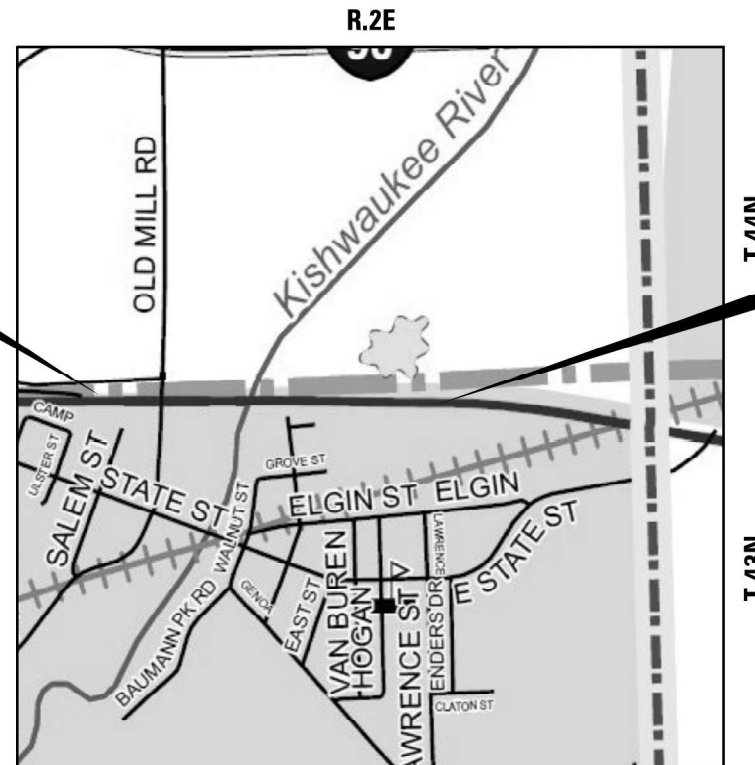
SHEET INDEX		
SHEET NO.	STATION to STATION	DESCRIPTION
1		COVERSHEET
2		LEGENDS & STATEMENTS
3	1325+00 to 1340+00	PLAT OF HIGHWAY
4	1338+00 to 1354+00	PLAT OF HIGHWAY
5	1337+00 to 1350+00	PLAT OF HIGHWAY
6	1348+00 to 1362+00	PLAT OF HIGHWAY

PLAT OF HIGHWAYS

FAI ROUTE 39 (I-39) & FAP ROUTE 301 (US 20)
SECTION (201-3)K & (4-1,5)R
WINNEBAGO COUNTY
JOB NO. R-92-011-24



ACQUISITION BEGINS
STA. 1335 + 25



ACQUISITION ENDS
STA. 1360 + 00

PREPARED BY:



AMERICAN
SURVEYING & ENGINEERING, L.T.D.
841 N. Galema Ave, Dixon, IL 61021
615-285-4231
ILLINOIS PROFESSIONAL DESIGN
FIRM NO. 184-003192
ASE JOB # 119172



COVENTINE FIDIS - ILLINOIS PROFESSIONAL
LAND SURVEYOR NO. 35-2159
CURRENT EXPIRATION DATE: NOVEMBER 30, 2026

USER NAME = hillsc	DESIGNED - PS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAT OF HIGHWAYS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:10000' / In.	DRAWN - CH	REVISED -			LAND SECTION 1 & 36		T 43 & 44 N, R 2 E OF 3RD P.M.	*	(201-3)K & (4-1,5)R	WINNEBAGO	
PLOT DATE = 1/24/2025	CHECKED - PS	REVISED -			JOB# R-92-011-24		DRAWER	FOLDER	CONTRACT NO. 64R72		
	DATE - 10/14/2024	REVISED -			SCALE: NTS		SHEET 1 OF 6 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

* FAI 39 (I-39) & FAP 301 (US 20)

USER NAME = jworthington	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAT OF HIGHWAYS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = \$\$SCALE\$	DRAWN -	REVISED -					525	(15X)RC & 5RS	WINNEBAGO	564	213
PLOT DATE = 9/19/2025	CHECKED - J. TARDY	REVISED -							CONTRACT NO. 64R72		
	DATE -	REVISED -			SCALE: NTS		SHEET 1 OF 6 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

MODEL - Plat of Highways 01 (Sheet)
FILE NAME - c:\pwworkin\benesch_projects\projects\0184674\1264R72-KISH-Plat01.dgn

MODEL - Default
FILE NAME - R-92-011-24-Land Acquisition02_64R72-sh-contract01.dgn



LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

TRAFFIC SIGNAL GULFBOX	○	DRAINAGE FLOW LINE	
TRAFFIC SIGNAL HANDHOLE	○	RIP RAP	
TRAFFIC SIGNAL SIGNAL POST	○	HEADWALL	
TRAFFIC SIGNAL STEEL MAST ARM	○	CULVERT END SECTION	
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON	●	DRAINAGE MANHOLE	○
TRAFFIC SIGNAL WOODEN POLE	○	INLET	○
TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY	○	ROADWAY DITCH FLOW	
TRAFFIC SIGNAL VEHICLE DETECTION MAGNET	○	VEGETATION LINE	
TRAFFIC SIGNAL JUNCTION BOX	□	STUMP	
TRAFFIC SIGNAL CONTROLLER	□	SHRUB	
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE	□	EVERGREEN TREE	
RAILROAD CANTILEVER MAST ARM		DECIDUOUS TREE	
RAILROAD CROSSBUCK		WOODS/BUSH LINE	
RAILROAD TRACK		TRAFFIC SIGN	
RAILROAD TRACK (ABANDONED)		GUARDRAIL POST	
RAILROAD CROSSGATE		GUARDRAIL	
RAILROAD CONTROL BOX		FIELD LINE	
RAILROAD FLASHING SIGNAL		LEVEE/NOISE BARRIER	
UTILITY TELEPHONE SPLICE BOX	□	FENCE	
UTILITY POWER POLE	○	MAIL BOX	
UTILITY TRAFFIC SIGNAL	○	ADVERTISING SIGN	
UTILITY LIGHT POLE	○	MARSH	
UTILITY FIRE HYDRANT	○	LIGHTING HANDHOLE	○
UTILITY MANHOLE	○	LIGHTING POWER POLE	○
UTILITY TELEPHONE POLE	○	LIGHTING JUNCTION BOX	□
UTILITY GUY ANCHOR	○	LIGHTING HEAVY DUTY HANDHOLE	○
UTILITY PIPELINE WARNING SIGN	○	LIGHTING CONTROLLER	○
UTILITY HANDHOLE	○	LIGHTING PULL POINT	○
UTILITY SPLICE BOX	□	HIGHWAY LIGHTING ELECTRICAL GROUND	○
UTILITY JUNCTION BOX	□	HIGHWAY LIGHTING SINGLE UNIT	○
UTILITY HEAVY DUTY HANDHOLE	□	HIGHWAY LIGHTING DOUBLE UNIT	○
UTILITY DOUBLE HANDHOLE	□	EXISTING CONCRETE BARRIER	
UTILITY CONTROLLER	□	EXISTING CREEK OR DITCH	
UTILITY WATER METER	○	EXISTING EDGE OF PAVEMENT	

RIGHT OF WAY LEGEND

	SECTION CORNERS		QUARTER SECTION CORNERS
	EXISTING CENTERLINE		EXISTING RIGHT-OF-WAY LINE
	FORMER RIGHT OF WAY LINE		EXISTING EASEMENT LINE
	BUILDING SETBACK LINE		EXISTING ACCESS CONTROL LINE
	PROPOSED RIGHT OF WAY & ACCESS CONTROL LINE		PROPOSED ACCESS CONTROL LINE
	PROPOSED CENTERLINE		PROPOSED RIGHT-OF-WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE		PROPOSED PERMANENT EASEMENT LINE
	SECTION LINE		QUARTER SECTION LINE
	QUARTER QUARTER SECTION LINE		PROPERTY LINE (TITLE)
	RECORDED PLAT/DEED LINE		APPARENT PROPERTY LINE
	SAME OWNERSHIP		MEASURED DIMENSION
	RECORDED DIMENSION		FOUND STONE
	FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED		SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
	PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667.101 (TO BE SET BY OTHERS)		SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
	FOUND CUT CROSS		SET CUT CROSS

LEGEND FOR ABBREVIATIONS

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
CL	CENTERLINE
CAB	CABINET
CH	COUNTY HIGHWAY
Ch	CHAIN
CP	CONTROL POINT
CPS	COTTON PICKER SPINDLE
DB	DEED BOOK
E	EAST
FX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAU	FEDERAL AID URBAN
FND	FOUND
ha	HECTARE
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
m	METER
m ²	SQUARE METERS
N	NORTH
N/F	NOW OR FORMERLY
N & BC	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT ON TANGENT
PL	PROPERTY LINE
PR	PROPOSED
R	RANGE
RD	ROAD
REC	RECORD
ROW	RIGHT-OF-WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SEC	SECTION
SQ FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
T	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

PROPOSED PARCEL NUMBER LEGEND

	PROPOSED FEE SIMPLE ACQUISITION
	PROPOSED PERMANENT EASEMENT
	PROPOSED TEMPORARY EASEMENT
	PROPOSED DEDICATION
	PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
R	RADIUS OF CURVE
L	LENGTH OF CURVE
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
E	EXTERNAL ORDINATE
Δ	DELTA

BASIS OF COORDINATE & BEARING STATEMENT

ALL COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE (WEST ZONE) NAD83 (2011 ADJUSTMENT)

GROUND DISTANCE = GRID DISTANCE DIVIDED BY PROJECT COMBINATION FACTOR OF 1.0000214018

AREAS SHOWN BASED ON GROUND DISTANCES

TOPOGRAPHIC STATEMENT

THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON. IN ADDITION THE SURVEYOR PHYSICALLY LOCATED IN THE FIELD THE FOLLOWING ITEMS ON __/__/__:

- 1.
- 2.
- 3.

PREPARED BY:



AMERICAN

SURVEYING & ENGINEERING, L.T.D.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN
FIRM NO. 184-003192
ASE JOB # 119172



COVENTINE FIDUS - ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2159
CURRENT EXPIRATION DATE: NOVEMBER 30, 2024

USER NAME = hillsc	DESIGNED -	REVISED -
PLOT SCALE = 1.0000" / 1in.	CHECKED -	REVISED -
PLOT DATE = 10/30/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 1 & 36	T 43 & 44 N, R 2 E OF 3RD P.M.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
JOB# R-92-011-24	DRAWER	STA.	(201-3)K & (4-1.5)R	WINNEBAGO	1	1
SCALE: NTS	SHEET 2 OF 6 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 64R72

* FAI 39 (I-39) & FAP 301 (US 20)

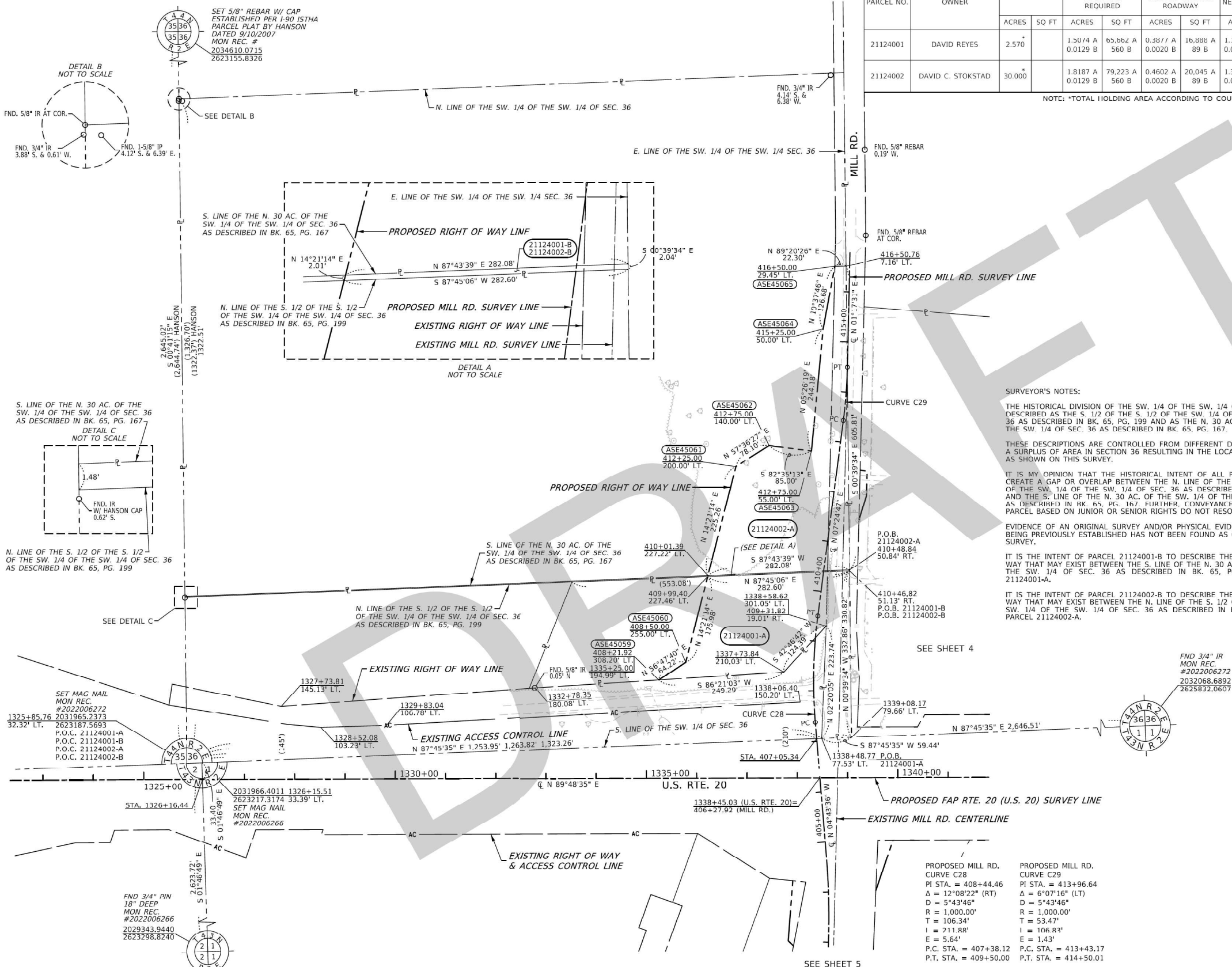
USER NAME = jworthington	DESIGNED -	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED - J. TARDY	REVISED -
PLOT DATE = 9/19/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: NTS	SHEET 2 OF 6 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	TOTAL SHEETS	SHEET NO.
						564	214
						CONTRACT NO. 64R72	

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) ON SHEET 2



PARCEL NO.	OWNER	TOTAL HOLDING	ROW REQUIRED								PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT		
21124001	DAVID REYES	2.570	1.5074 0.0129 B	65,662 A	0.3877 A	16,888 A	1.1197 A	48,774 A	1.050		12-36-351-003	
21124002	DAVID C. STOKSTAD	30.000	1.8187 A	79,223 A	0.4602 A	20,045 A	1.3585 A	59,178 A	28.168		12-36-351-001	

NOTE: *TOTAL HOLDING AREA ACCORDING TO COUNTY ASSESSMENT

SURVEYOR'S NOTES:
 THE HISTORICAL DIVISION OF THE SW 1/4 OF THE SW 1/4 OF SEC. 36 HAS BEEN DESCRIBED AS THE S. 1/2 OF THE S. 1/2 OF THE SW 1/4 OF THE SW 1/4 OF SEC. 36 AS DESCRIBED IN BK. 65, PG. 199 AND AS THE N. 30 AC. OF THE SW 1/4 OF THE SW 1/4 OF SEC. 36 AS DESCRIBED IN BK. 65, PG. 167.
 THESE DESCRIPTIONS ARE CONTROLLED FROM DIFFERENT DIRECTIONS, THERE IS A SURPLUS OF AREA IN SECTION 36 RESULTING IN THE LOCATION OF THESE LINES AS SHOWN ON THIS SURVEY.
 IT IS MY OPINION THAT THE HISTORICAL INTENT OF ALL PARTIES WAS TO NOT CREATE A GAP OR OVERLAP BETWEEN THE N. LINE OF THE S. 1/2 OF THE S. 1/2 OF THE SW 1/4 OF THE SW 1/4 OF SEC. 36 AS DESCRIBED IN BK. 65, PG. 199 AND THE S. LINE OF THE N. 30 AC. OF THE SW 1/4 OF THE SW 1/4 OF SEC. 36 AS DESCRIBED IN BK. 65, PG. 167. FURTHER, CONVEYANCES FROM THE PARENT PARCEL BASED ON JUNIOR OR SENIOR RIGHTS DO NOT RESOLVE THE GAP.
 EVIDENCE OF AN ORIGINAL SURVEY AND/OR PHYSICAL EVIDENCE OF EITHER LINE BEING PREVIOUSLY ESTABLISHED HAS NOT BEEN FOUND AS OF THE DATE OF THIS SURVEY.
 IT IS THE INTENT OF PARCEL 21124001-B TO DESCRIBE THE REQUIRED RIGHT OF WAY THAT MAY EXIST BETWEEN THE S. LINE OF THE N. 30 AC. OF THE SW 1/4 OF THE SW 1/4 OF SEC. 36 AS DESCRIBED IN BK. 65, PG. 167 AND PARCEL 21124001-A.
 IT IS THE INTENT OF PARCEL 21124002-B TO DESCRIBE THE REQUIRED RIGHT OF WAY THAT MAY EXIST BETWEEN THE N. LINE OF THE S. 1/2 OF THE S. 1/2 OF THE SW 1/4 OF THE SW 1/4 OF SEC. 36 AS DESCRIBED IN BK. 65, PG. 199 AND PARCEL 21124002-A.

PROPOSED RIGHT OF WAY

POINT	NORTHING	EASTING
ASE45059	2032131.0194	2624126.2647
ASE45060	2032166.1911	2624180.0012
ASE45061	2032556.8492	2624279.9697
ASE45062	2032598.6901	2624345.9192
ASE45063	2032587.7234	2624430.2088
ASE45064	2032830.8070	2624453.3520
ASE45065	2032955.3118	2624476.7186

PROPOSED MILL RD.

STATION	NORTHING	EASTING
PC 407+38.12	2032046.9224	2624437.8603
PT 409+50.00	2032258.3437	2624442.8176
PC 413+43.17	2032648.2297	2624493.5446
PT 414+50.01	2032754.7045	2624501.6485
POT 416+77.21	2032981.8478	2624506.7708

PROPOSED FAP RTE 301

STATION	NORTHING	EASTING
PT 1320+80.83	2031931.2375	2622682.7511
PC 1348+74.78	2031940.5137	2625476.3842

SURVEYOR'S STATEMENT

I, COVENTINE FIDIS, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF PROPOSED FAP ROUTE 301 WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION; THAT THE LAND CORNER TIES AS SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY; AND THAT THE PLAT IS IN ACCORDANCE WITH THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL, OR THE DEPARTMENT'S DISTRICT POLICIES.

DATED THIS DAY OF 2025

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2159
 MY LICENSE EXPIRES 11/30/26



AMERICAN SURVEYING & ENGINEERING, L.T.D.
 841 N. Galena Ave. Dixon, IL 61021
 815-288-6231
 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192
 ASE JOB # 119172

PROPOSED MILL RD. CURVE C28
 PI STA. = 408+44.46
 Δ = 12°08'22" (RT)
 D = 5°43'46"
 R = 1,000.00'
 T = 106.34'
 I = 211.88'
 E = 5.64'
 P.C. STA. = 407+38.12
 P.T. STA. = 409+50.00

PROPOSED MILL RD. CURVE C29
 PI STA. = 413+96.64
 Δ = 6°07'16" (LT)
 D = 5°43'46"
 R = 1,000.00'
 T = 53.47'
 I = 106.83'
 E = 1.43'
 P.C. STA. = 413+43.17
 P.T. STA. = 414+50.01

USER NAME	DESIGNED	REVISIONS
hills	PS	-
CH	CH	-
PS	PS	-
DATE	DATE	DATE
6/30/2025	10/14/2024	RFVISFD

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 1 & 36	T 43 & 44 N, R 2 E OF 3RD P.M.
JOB# R-92-011-24	DRAWER FOLDER
SCALE: 1" = 100'	SHEET 3 OF 6 SHEETS
STA. 1325+00 TO STA. 1340+00	ILLINOIS FED. AID PROJECT

COMPLETION DATE OF FIELD WORK PERFORMED	ROW STAKING:	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
10/23/2024		525	(15X)RC & 5RS	WINNEBAGO	564
					215
CONTRACT NO. 64R72					

USER NAME	DESIGNED	REVISIONS
jworington	-	-
CH	-	-
PS	-	-
DATE	DATE	DATE
9/19/2025	-	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: NTS	SHEET 3 OF 6 SHEETS	STA. TO STA.
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COMPLETION DATE OF FIELD WORK PERFORMED	ROW STAKING:	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
		525	(15X)RC & 5RS	WINNEBAGO	564
CONTRACT NO. 64R72					

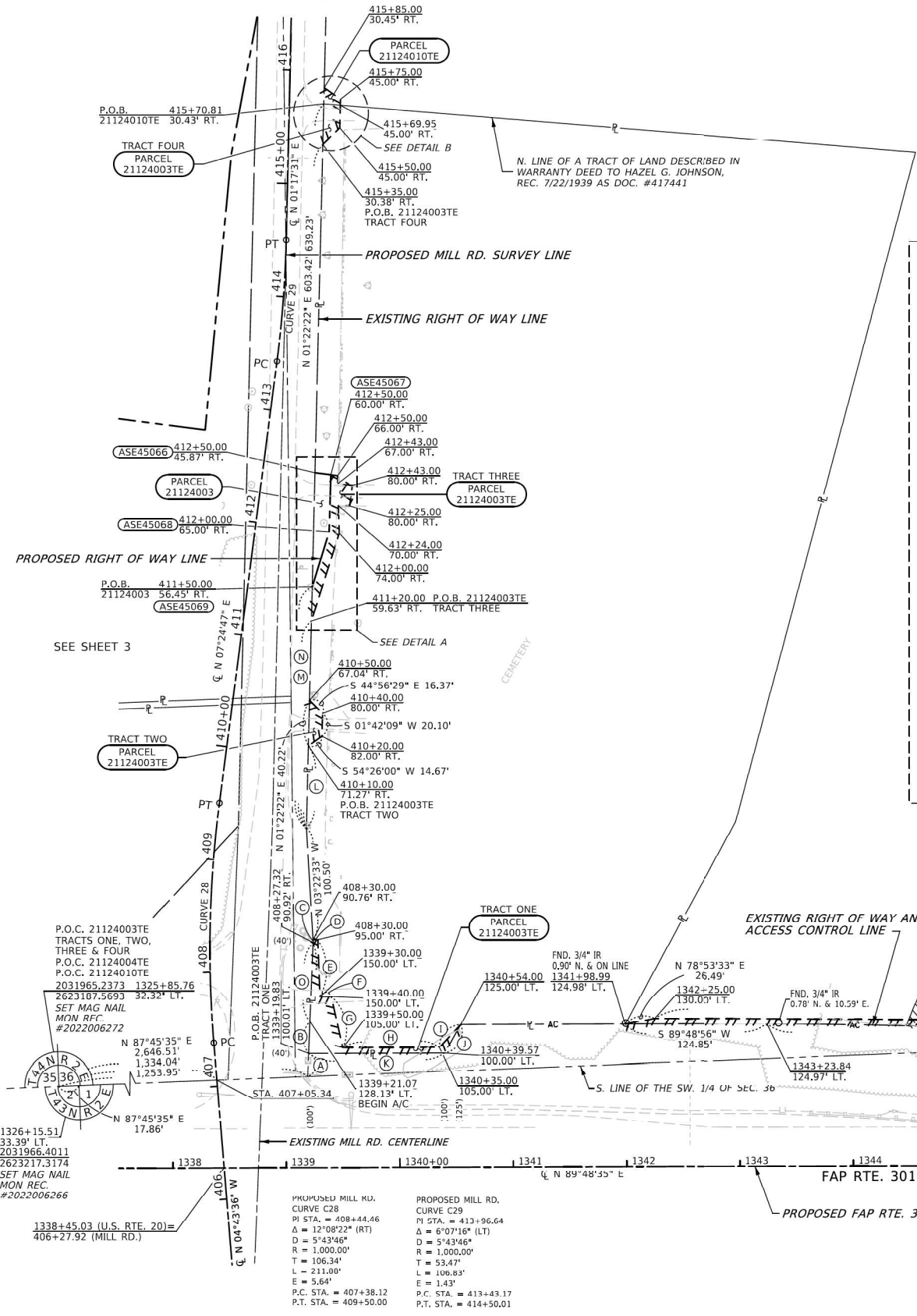
MODEL: Plat of Highways 02 (Sheet)
 FILE NAME: c:\pwworkdir\benesch_projects\projects\184674\1264R72-KISH-shit-Plats.dgn



Benesch & Company
 28 W. Jackson Street, Suite 3000
 Chicago, Illinois 60601
 312-865-0150 Job No. 10806.00

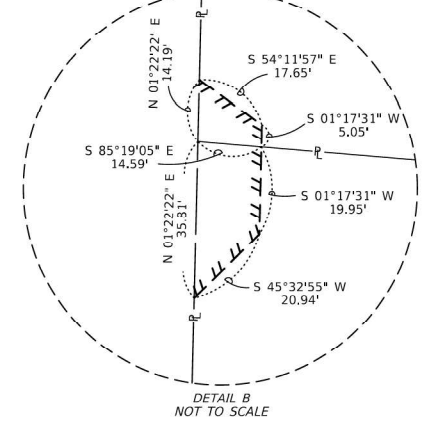
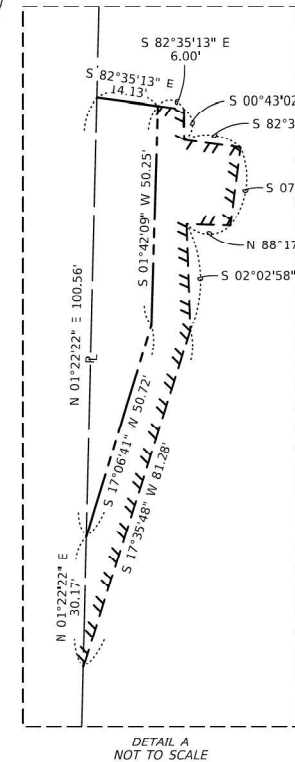
* FAI 39 (I-39) & FAP 301 (US 20)

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) ON SHEET 2



PARCEL NO.	OWNER	TRACT NUMBER (IF APPLICABLE)	TOTAL HOLDING			ROW REQUIRED			EASEMENTS		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	PERMANENT	TEMPORARY		
21124003	HEIRS OF HAZEL G. JOHNSON, DECEASED, AS TO AN UNDIVIDED 1/2 INTEREST; HEIRS OF LLOYD POULTON, DECEASED, AS TO AN UNDIVIDED 1/4 INTEREST; JAMES E. POULTON, AS TO AN UNDIVIDED 1/8 INTEREST AND WARREN HOWARD POULTON, AS TO AN UNDIVIDED 1/8 INTEREST	TOTAL ONE TWO THREE FOUR	6.310		0.024	1,045	6,286	TE 0.090	TE 3.973	GRADING & DRIVEWAY CONSTRUCTION	12-36-376-004	
21124004	WINNEBAGO COUNTY FOREST PRESERVE DISTRICT							TE 0.226	TE 9,850	GRADING & SHAPING	12-36-451-002	16-01-226-001
21124010	MICHAELA A. LINTON							TE 0.003	TE 140	DRIVEWAY CONSTRUCTION	12-36-376-003	

NOTE: TOTAL HOLDING AREA ACCORDING TO COUNTY ASSESSMENT.



PROPOSED RIGHT OF WAY

POINT	NORTHING	EASTING
ASE45066	2032549.9177	2624527.0137
ASE45067	2032548.0951	2624541.0221
ASE45068	2032497.8679	2624539.5293
ASE45069	2032449.3883	2624524.6046

PROPOSED MILL RD.

STATION	NORTHING	EASTING
PC 407+38.12	2032046.9224	2624437.8603
PT 409+50.00	2032258.3437	2624442.8176
PC 413+43.17	2032648.2297	2624493.5446
PT 414+50.01	2032754.7045	2624501.6485
POT 416+77.21	2032981.8478	2624506.7708

PROPOSED FAP RTE. 301

STATION	NORTHING	EASTING
PT 1320+80.83	2031931.2375	2622682.7911
PC 1348+74.78	2031940.5137	2625476.3842

- LINE LEGEND
- (A) N 02°20'05" E 19.99'
 - (B) N 02°20'05" E 28.15'
 - (C) N 03°22'33" W 2.44'
 - (D) S 89°21'45" E 4.24'
 - (E) S 02°10'17" E 50.47'
 - (F) N 89°48'35" E 10.00'
 - (G) S 12°43'09" E 46.10'
 - (H) N 89°48'35" E 85.00'
 - (I) N 43°20'55" E 27.59'
 - (J) S 29°48'56" W 28.87'
 - (K) S 89°48'56" W 119.74'
 - (L) N 01°22'22" E 72.92'
 - (M) N 01°22'22" E 183.54'
 - (N) N 01°22'22" E 213.70'
 - (O) N 02°20'05" E 70.00'

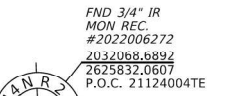
SURVEYOR'S STATEMENT

I, COVENTINE FIDIS, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF PROPOSED FAP ROUTE 301 WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION; THAT THE LAND CORNER TIES AS SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY; AND THAT THE PLAT IS IN ACCORDANCE WITH THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL, OR THE DEPARTMENT'S DISTRICT POLICIES.

DATED THIS DAY OF 2025



COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2159
MY LICENSE EXPIRES 11/30/26



FND 3/4" IR
MON REC. #2022006272
2031966.4011
2623217.3174
P.O.C. 21124004TE
1351+09.85
124.73' LT.

MODEL: Plat of Highways 03 (Sheet)
FILE NAME: c:\pwork\benesch\projects\projects\0184674\264R72-KISH-shh-Plats.dgn

USER NAME = hillsc	DESIGNED - PS	REVISED -
DRAWN - CH	REVISD -	
PLOT SCALE = 60.0000' / in.	CHECKED - PS	REVISED -
PLOT DATE = 1/24/2025	DATE - 10/14/2024	RFVISFD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 1 & 36	T 44 N, R 2 E OF 3RD P.M.
JOB# R-92-011-24	DRAWER FOLDER
SCALE: 1" = 60'	SHEET 4 OF 6 SHEETS
STA. 1338+00	TO STA. 1354+00

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 10/23/2024	ROW STAKING:
F.A. RTE.	SECTION
*	(201-3)K & (4-1)SR
COUNTY	WINNEBAGO
TOTAL SHEETS	NO.
CONTRACT NO.	64R72
ILLINOIS	FED. AID PROJECT

* FAI 39 (I-39) & FAP 301 (US 20)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

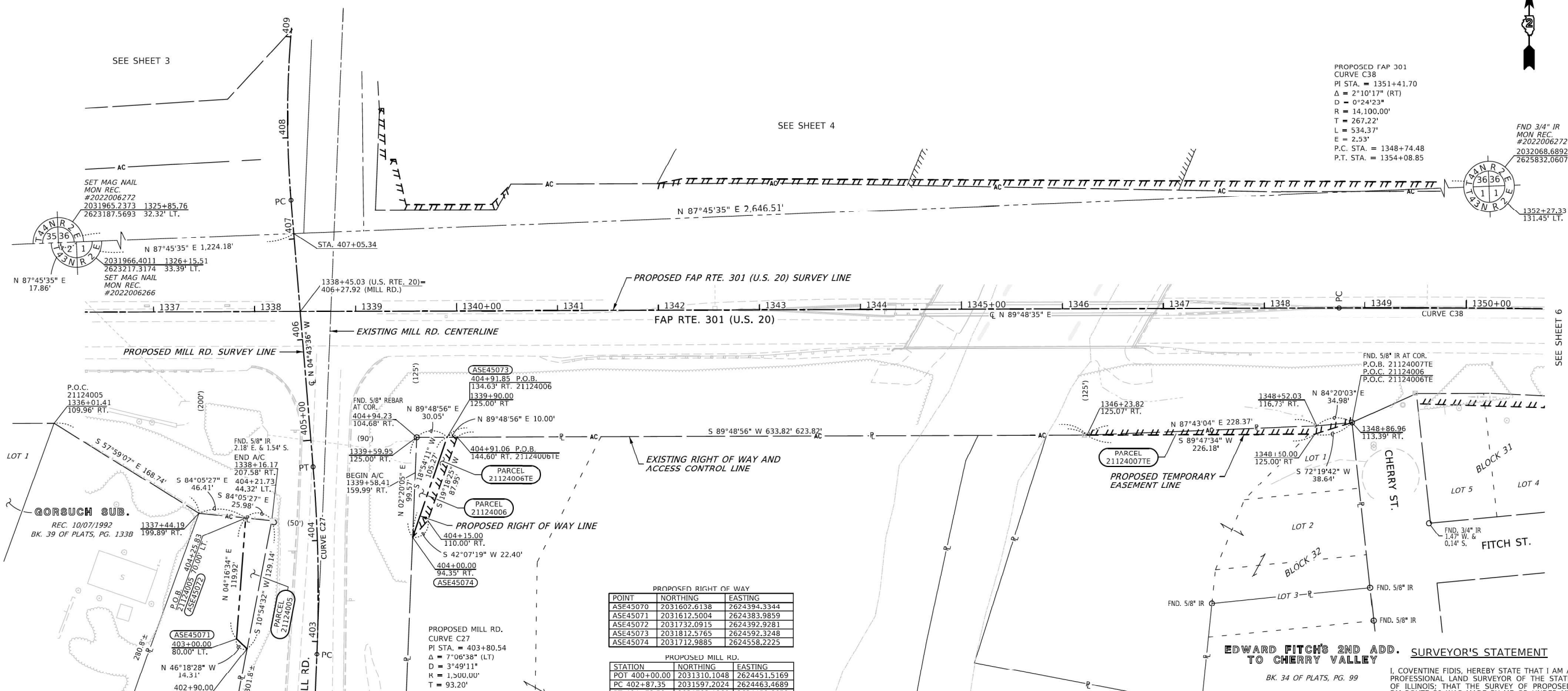
SCALE: NTS	SHEET 4	OF 6	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	216
CONTRACT NO. 64R72				
ILLINOIS	FED. AID PROJECT			



USER NAME = jworthington	DESIGNED -	REVISED -
DRAWN -	REVISD -	
PLOT SCALE = \$\$CALE\$	CHECKED - J. TARDY	REVISED -
PLOT DATE = 9/19/2025	DATE -	REVISED -

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) ON SHEET 2



PROPOSED FAP 301
CURVE C38
PI STA. = 1351+41.70
Δ = 2°10'17" (RT)
D = 0°24'23"
R = 14,100.00'
T = 267.22'
L = 534.37'
E = 2.53'
P.C. STA. = 1348+74.48
P.T. STA. = 1354+08.85

FND 3/4" IR
MON REC.
#2022006272
2032068.6892
2625832.0607

SET MAG NAIL
MON REC.
#2022006272
2031965.2373 1325+85.76
2623187.5693 32.32' LT.

P.O.C.
21124005
1336+01.41
109.96' RT.

ASE45073
404+91.85 P.O.B.
134.63' RT. 21124006
1339+90.00
125.00' RT

PROPOSED RIGHT OF WAY

POINT	NORTHING	EASTING
ASE45070	2031602.6138	2624394.3344
ASE45071	2031612.5004	2624383.9859
ASE45072	2031732.0915	2624392.9281
ASE45073	2031812.5765	2624392.3248
ASE45074	2031712.9885	2624558.2225

PROPOSED MILL RD.

STATION	NORTHING	EASTING
POT 400+00.00	2031310.1048	2624451.5169
PC 402+87.35	2031597.2024	2624463.4689
PT 404+73.50	2031783.1960	2624459.6659

PROPOSED FAP RTE. 301

STATION	NORTHING	EASTING
PT 1320+80.83	2031931.2375	2622682.7511
PC 1348+74.78	2031940.5137	2625476.3842

PROPOSED MILL RD.
CURVE C27
PI STA. = 403+80.54
Δ = 7°06'38" (LT)
D = 3°49'11"
R = 1,500.00'
T = 93.20'
L = 186.15'
E = 2.89'
P.C. STA. = 402+87.35
P.T. STA. = 404+73.50

EDWARD FITCH'S 2ND ADD. SURVEYOR'S STATEMENT TO CHERRY VALLEY

BK. 34 OF PLATS, PG. 99

I, COVENTINE FIDIS, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF PROPOSED FAP ROUTE 39 WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION; THAT THE LAND CORNER TIES AS SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY; AND THAT THE PLAT IS IN ACCORDANCE WITH THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL, OR THE DEPARTMENT'S DISTRICT POLICIES.

DATED THIS DAY OF 2025



COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2159
MY LICENSE EXPIRES 11/30/26



PARCEL NO.	OWNER	TOTAL HOLDING ACRES SQ FT	ROW REQUIRED		EASEMENTS		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			TOAL AREA REQUIRED	AREA REMAINING	PE=PERMANENT TE=TEMPORARY	EASEMENT PURPOSE		
21124005	THE VILLAGE OF CHERRY VALLEY	0.540	0.054	2,334	0.486		16-01-101-007	
21124006	THE VILLAGE OF CHERRY VALLEY	6.670	0.034	1,494	6.636	TE=0.020 TE=879	16-01-126-001	GRADING & SHAPING
21124007	RONNIE P. RANGE AND RAMONA E. RANGE, AS JOINT TENANTS					TE=0.025 TE=1,076	16-01-127-001 16 01 127 017	GRADING & SHAPING

NOTE: TOTAL HOLDING AREA ACCORDING TO COUNTY ASSESSMENT.

USER NAME = hillsc	DESIGNED - PS	REVISED -
	DRAWN - CH	REVISED -
PLOT SCALE = 50,0000' / in.	CHECKED - PS	REVISED -
PLOT DATE = 1/22/2025	DATE - 10/14/2024	RFVISFD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 1	T 43 N, R 2 E OF 3RD P.M.
JOB# R-92-011-24	DRAWER FOLDER
SCALE: 1" = 50'	SHEET 5 OF 6 SHEETS
STA. 1337+00	TO STA. 1350+00

COMPLETION DATE OF FIELD WORK PERFORMED			
LAND SURVEY: 10/23/2024	ROW STAKING:	F.A.P. RTE.	SECTION
			(201-3)K & (4-1.5)R
		COUNTY	WINNEBAGO
		TOTAL SHEET NO.	564
		CONTRACT NO. 64R72	
		ILLINOIS	FED. AID PROJECT

MODEL - Plat of Highways 04 (Sheet)
FILE NAME - c:\pwworking\benesch_projects\projects\184674\184674-D264R72-KISH-sht-Plats.dgn



USER NAME = jworthington	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED - J. TARDY	REVISED -
PLOT DATE = 9/19/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

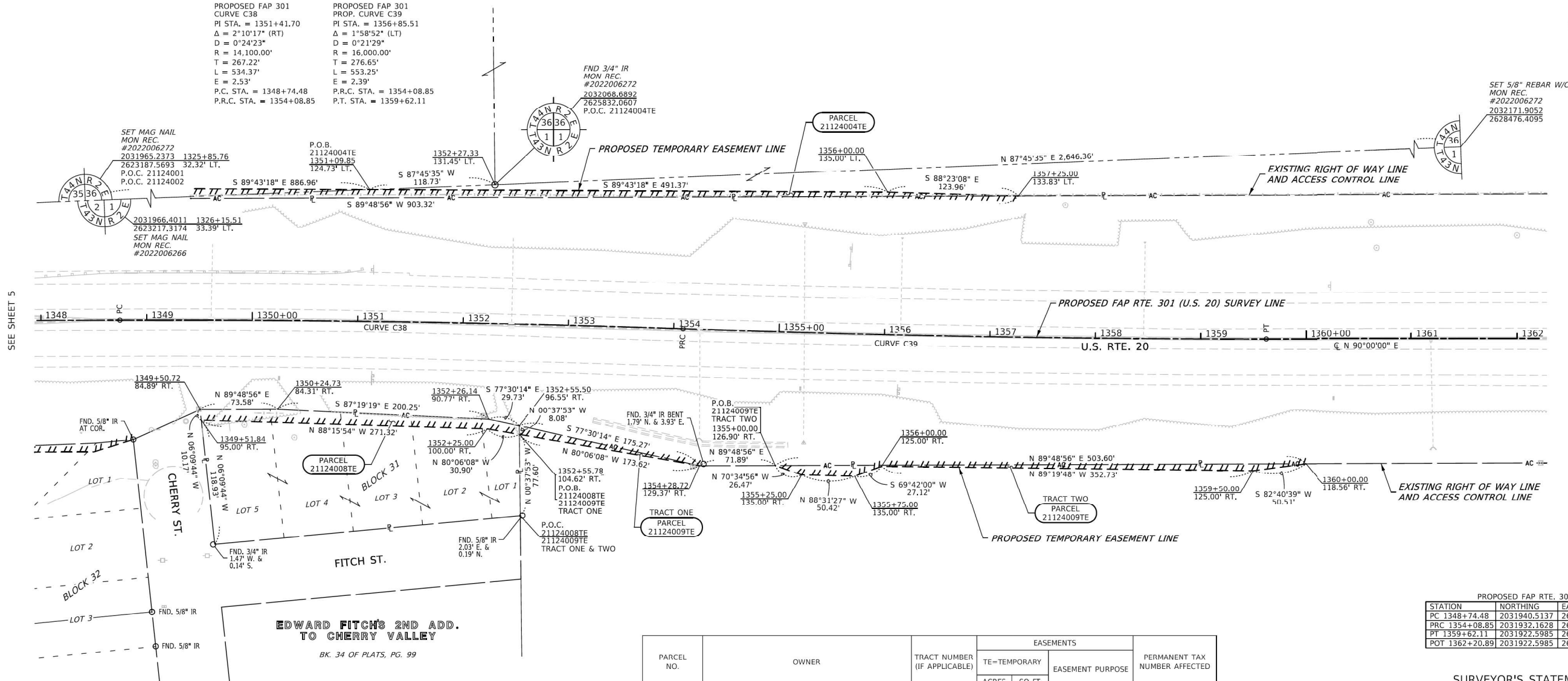
SCALE: NTS	SHEET 5	OF 6 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	217
		CONTRACT NO. 64R72		
		ILLINOIS	FED. AID PROJECT	

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) ON SHEET 2

PROPOSED FAP 301
CURVE C38
PI STA. = 1351+41.70
Δ = 2°10'17" (RT)
D = 0°24'23"
R = 14,100.00'
T = 267.22'
L = 534.37'
E = 2.53'
P.C. STA. = 1348+74.48
P.R.C. STA. = 1354+08.85

PROPOSED FAP 301
PROP. CURVE C39
PI STA. = 1356+85.51
Δ = 1°58'52" (LT)
D = 0°21'29"
R = 16,000.00'
T = 276.65'
L = 553.25'
E = 2.39'
P.R.C. STA. = 1354+08.85
P.T. STA. = 1359+62.11



SEE SHEET 5

PROPOSED FAP RTE. 301			
STATION	NORTHING	EASTING	
PC 1348+74.48	2031940.5137	2625476.3842	
PRC 1354+08.85	2031932.1628	2626010.6604	
PT 1359+62.11	2031922.5985	2625653.8038	
POT 1362+20.89	2031922.5985	2626822.5839	

PARCEL NO.	OWNER	TRACT NUMBER (IF APPLICABLE)	EASEMENTS		PERMANENT TAX NUMBER AFFECTED
			TE=TEMPORARY ACRES	SQ FT	
21124008TE	BARRY RICKARD AND ELIZABETH RICKARD, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY		0.075	3,260	16-01-128-001
21124009TE	RICK MCOUALITY AND KYLE MCOUALITY, AS JOINT TENANTS	TOTAL	0.066	2,873	16-01-201-001
		ONE	0.018	690	
		TWO	0.050	2,183	

SURVEYOR'S STATEMENT

I, COVENTINE FIDIS, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF PROPOSED FAP ROUTE 301 WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION; THAT THE LAND CORNER TIES AS SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY; AND THAT THE PLAT IS IN ACCORDANCE WITH THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL, OR THE DEPARTMENT'S DISTRICT POLICIES.

DATED THIS DAY OF 2025

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2159
MY LICENSE EXPIRES 11/30/26



AMERICAN
SURVEYING & ENGINEERING, L.T.D.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN
FIRM NO. 184-003192
ASE JOB # 119172

COMPLETION DATE OF FIELD WORK PERFORMED			
LAND SURVEY:	10/23/2024	ROW STAKING:	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
*	(201-3)K & (4-1.5)R	WINNEBAGO	
CONTRACT NO. 64R72			
ILLINOIS FED. AID PROJECT			

USER NAME =	DESIGNED -	REVISED -
hllsc	PS	-
DRAWN -	CHECKED -	REVISED -
CH	PS	-
PLOT SCALE =	DATE	REVISED -
50.0000' / in.	10/14/2024	-
PLOT DATE =	DATE	REVISED -
11/21/2025	10/14/2024	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 1 & 36		T 43 & 44 N, R 2 E OF 3RD P.M.	
JOB# R-92-011-24		DRAWER FOLDER	
SCALE: 1" = 50'	SHEET 6 OF 6 SHEETS	STA. 1348+00 TO STA. 1362+00	

benesch
Alfred Benesch & Company
28 W. Jackson Street, Suite 3000
Chicago, Illinois 60601
312-865-0150 Job No. 10806.00

USER NAME =	DESIGNED -	REVISED -
jworington	PS	-
DRAWN -	CHECKED -	REVISED -
CH	J. TARDY	-
PLOT SCALE =	DATE	REVISED -
\$\$\$CALE\$	-	-
PLOT DATE =	DATE	REVISED -
9/19/2025	-	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: NTS	SHEET 6 OF 6 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	218
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

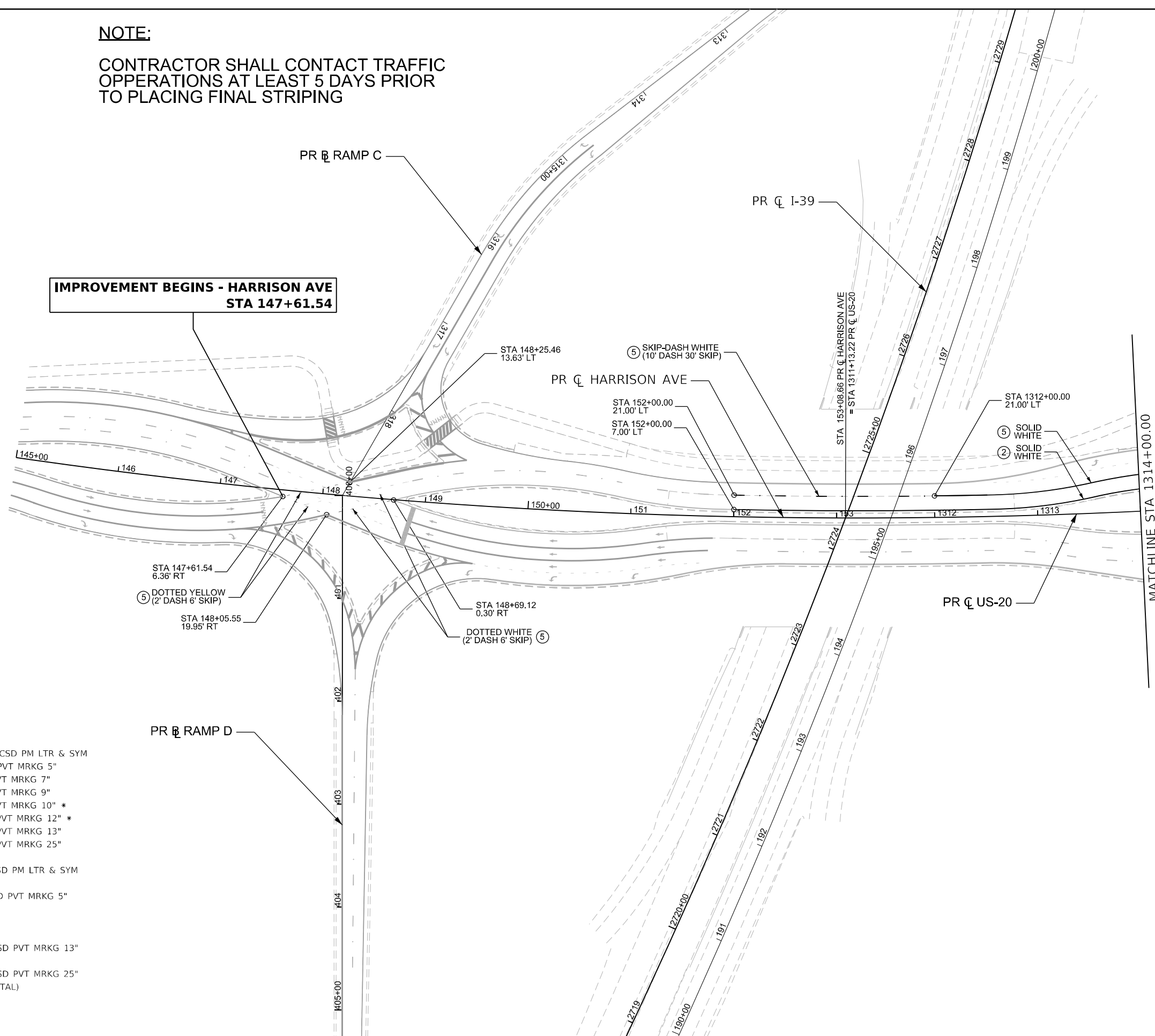
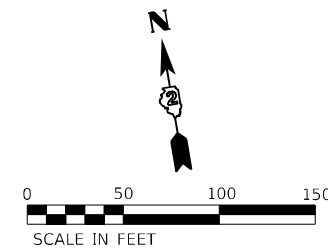
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MODEL: Dtblout
FILE NAME: 20110120_Land_Acquisition\02_64R72-shh-compl\05.dgn

* FAI 39 (I-39) & FAP 301 (US 20)

NOTE:

CONTRACTOR SHALL CONTACT TRAFFIC OPERATIONS AT LEAST 5 DAYS PRIOR TO PLACING FINAL STRIPING



**IMPROVEMENT BEGINS - HARRISON AVE
STA 147+61.54**

LEGEND

- ① PREF PL PM TD LTR & SYM WITH GRV RCSD PM LTR & SYM
- ② PREF PL PM TD LN 4" WITH GRV RCSD PVT MRKG 5"
- ③ PREF PL PM TD L 6" WITH GRV RCSD PVT MRKG 7"
- ④ PREF PL PM TD L 8" WITH GRV RCSD PVT MRKG 9"
- ⑤ PREF PL PM TD L 9" WITH GRV RCSD PVT MRKG 10" *
- ⑥ PREF PL PM TD L 11" WITH GRV RCSD PVT MRKG 12" *
- ⑦ PREF PL PM TD L 12" WITH GRV RCSD PVT MRKG 13"
- ⑧ PREF PL PM TD L 24" WITH GRV RCSD PVT MRKG 25"
- ⑨ MOD URETH PM LTR-SYM
- ⑩ MOD URETH PM LTR-SYM WITH GRV RCSD PM LTR & SYM
- ⑪ MOD URETH PM LINE 4"
- ⑫ MOD URETH PM LINE 4" WITH GRV RCSD PVT MRKG 5"
- ⑬ MOD URETH PM LINE 6"
- ⑭ MOD URETH PM LINE 8"
- ⑮ MOD URETH PM LINE 12"
- ⑯ MOD URETH PM LINE 12" WITH GRV RCSD PVT MRKG 13"
- ⑰ MOD URETH PM LINE 24"
- ⑱ MOD URETH PM LINE 24" WITH GRV RCSD PVT MRKG 25"
- ▲ RAISED REFL PAVT MKR (ONE-WAY CRYSTAL)
- ⊥ DELINEATOR WITH SINGLE REFLECTOR
- ⊥ DELINEATOR WITH DOUBLE REFLECTORS
- * CONTRASTING PAVEMENT MARKING

MODEL: PK US 20_01 (Sheet)
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USER NAME = MWilson	DESIGNED - MW	REVISED -
PLOT SCALE = 0.16666833' / in.	DRAWN - MW	REVISED -
PLOT DATE = 9/22/2025	CHECKED - FBN	REVISED -
	DATE - 05/19/2025	REVISED -

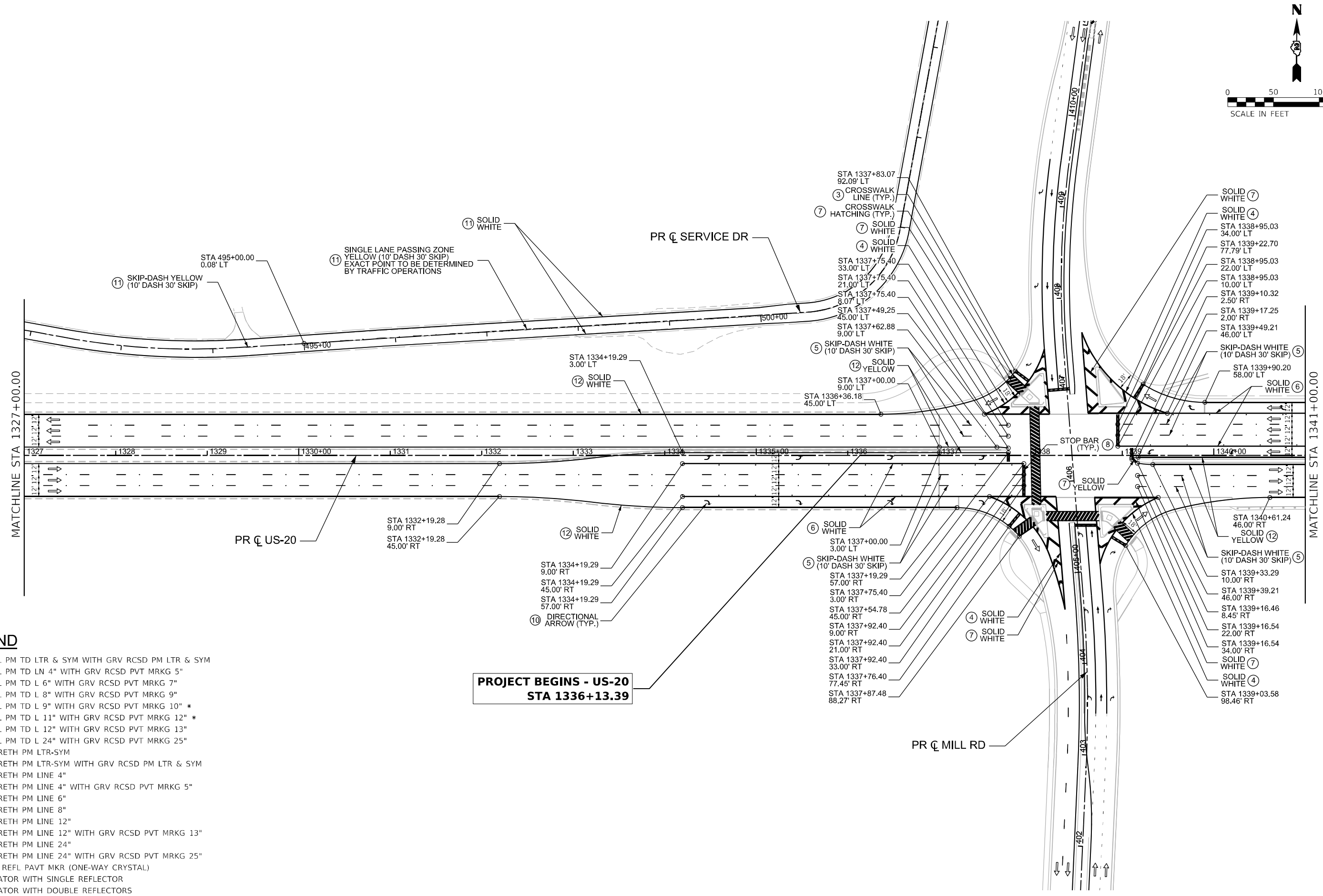
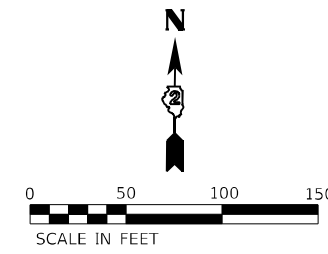
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING PLANS
US 20**

SCALE: 1"=50' SHEET 1 OF 13 SHEETS STA. BEGIN STATION TO STA. 1314+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	219
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



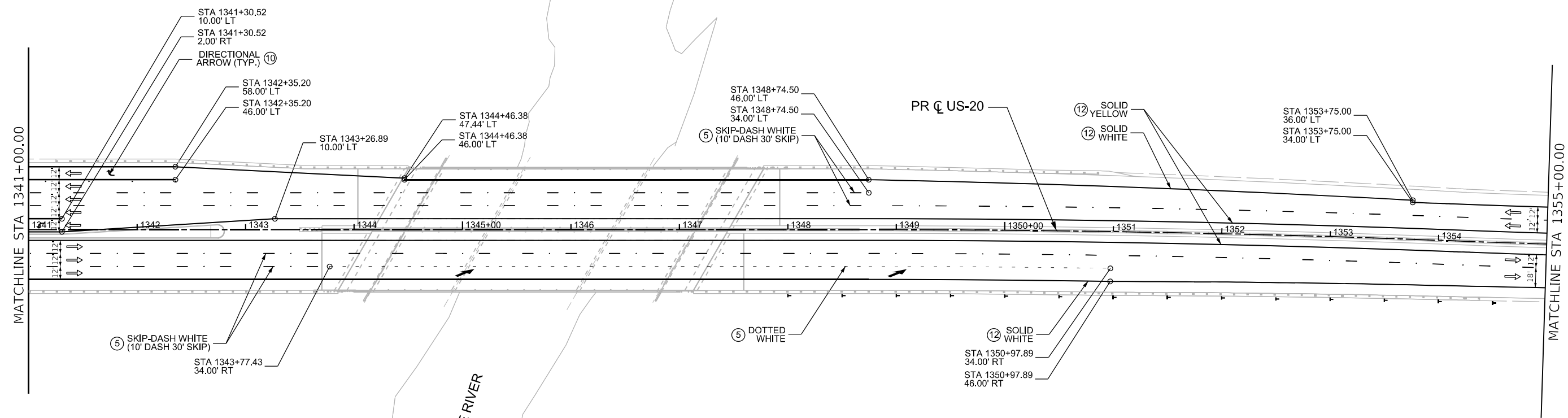
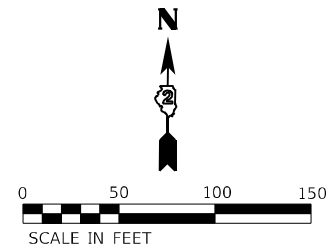
LEGEND

- ① PREF PL PM TD LTR & SYM WITH GRV RCSD PM LTR & SYM
- ② PREF PL PM TD LN 4" WITH GRV RCSD PVT MRKG 5"
- ③ PREF PL PM TD L 6" WITH GRV RCSD PVT MRKG 7"
- ④ PREF PL PM TD L 8" WITH GRV RCSD PVT MRKG 9"
- ⑤ PREF PL PM TD L 9" WITH GRV RCSD PVT MRKG 10" *
- ⑥ PREF PL PM TD L 11" WITH GRV RCSD PVT MRKG 12" *
- ⑦ PREF PL PM TD L 12" WITH GRV RCSD PVT MRKG 13"
- ⑧ PREF PL PM TD L 24" WITH GRV RCSD PVT MRKG 25"
- ⑨ MOD URETH PM LTR-SYM
- ⑩ MOD URETH PM LTR-SYM WITH GRV RCSD PM LTR & SYM
- ⑪ MOD URETH PM LINE 4"
- ⑫ MOD URETH PM LINE 4" WITH GRV RCSD PVT MRKG 5"
- ⑬ MOD URETH PM LINE 6"
- ⑭ MOD URETH PM LINE 8"
- ⑮ MOD URETH PM LINE 12"
- ⑯ MOD URETH PM LINE 12" WITH GRV RCSD PVT MRKG 13"
- ⑰ MOD URETH PM LINE 24"
- ⑱ MOD URETH PM LINE 24" WITH GRV RCSD PVT MRKG 25"
- ▲ RAISED REFL PAVT MKR (ONE-WAY CRYSTAL)
- ⊥ DELINEATOR WITH SINGLE REFLECTOR
- ⊥ DELINEATOR WITH DOUBLE REFLECTORS
- * CONTRASTING PAVEMENT MARKING

**PROJECT BEGINS - US-20
STA 1336+13.39**

MODEL: PAK US 20_2 (Sheet)
 FILE NAME: p:\projects\us20_2\pak\us20_2.dwg
 PROJECT: US-20
 DRAWN: MW
 CHECKED: FBN
 DATE: 05/19/2025
 QUIGG ENGINEERING INC

	USER NAME = MWilson	DESIGNED - MW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKING PLANS US 20			F.A.I. RTE. 39	SECTION (15X)RC & 5RS	COUNTY WINNEBAGO	TOTAL SHEETS 564	SHEET NO. 221
	PLOT SCALE = 0.16666833' / in.	CHECKED - FBN	REVISIED -		SCALE: 1"=50'	SHEET 3	OF 13 SHEETS	STA. 1327+00.00 TO STA. 1341+00.00	CONTRACT NO. 64R72		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 10/2/2025	DATE = 05/19/2025	REVISIED -					* FAI ROUTE 39 (I-39) & FAP 301 (US 20)				



- LEGEND**
- ① PREF PL PM TD LTR & SYM WITH GRV RCSD PM LTR & SYM
 - ② PREF PL PM TD LN 4" WITH GRV RCSD PVT MRKG 5"
 - ③ PREF PL PM TD L 6" WITH GRV RCSD PVT MRKG 7"
 - ④ PREF PL PM TD L 8" WITH GRV RCSD PVT MRKG 9"
 - ⑤ PREF PL PM TD L 9" WITH GRV RCSD PVT MRKG 10" *
 - ⑥ PREF PL PM TD L 11" WITH GRV RCSD PVT MRKG 12" *
 - ⑦ PREF PL PM TD L 12" WITH GRV RCSD PVT MRKG 13"
 - ⑧ PREF PL PM TD L 24" WITH GRV RCSD PVT MRKG 25"
 - ⑨ MOD URETH PM LTR-SYM
 - ⑩ MOD URETH PM LTR-SYM WITH GRV RCSD PM LTR & SYM
 - ⑪ MOD URETH PM LINE 4"
 - ⑫ MOD URETH PM LINE 4" WITH GRV RCSD PVT MRKG 5"
 - ⑬ MOD URETH PM LINE 6"
 - ⑭ MOD URETH PM LINE 8"
 - ⑮ MOD URETH PM LINE 12"
 - ⑯ MOD URETH PM LINE 12" WITH GRV RCSD PVT MRKG 13"
 - ⑰ MOD URETH PM LINE 24"
 - ⑱ MOD URETH PM LINE 24" WITH GRV RCSD PVT MRKG 25"
 - ▲ RAISED REFL PAVT MKR (ONE-WAY CRYSTAL)
 - ⊥ DELINEATOR WITH SINGLE REFLECTOR
 - ⊥ DELINEATOR WITH DOUBLE REFLECTORS
 - * CONTRASTING PAVEMENT MARKING

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 DRAWING: PROPOSED PAVEMENT MARKING PLANS
 SHEET: 4 OF 13



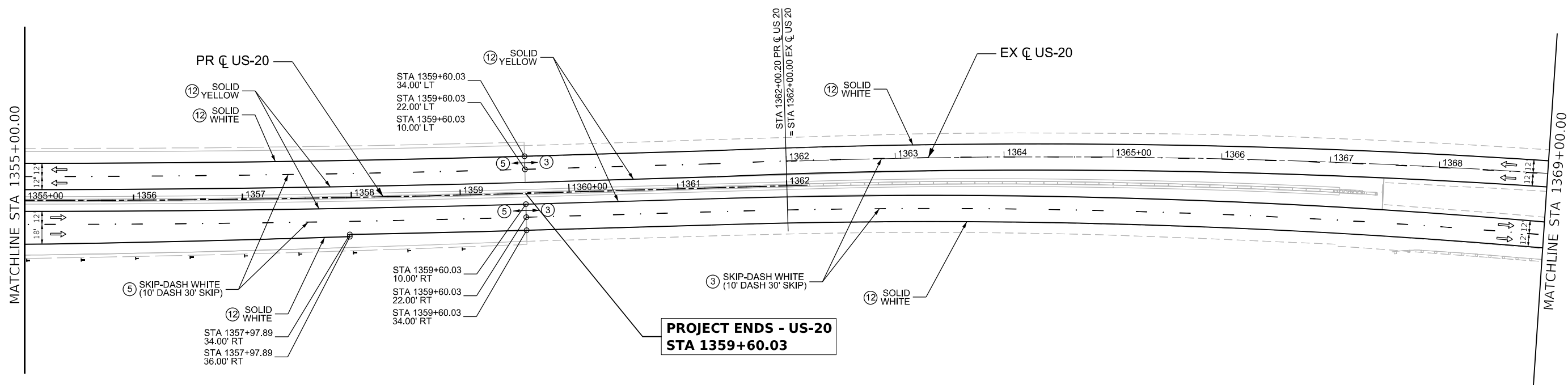
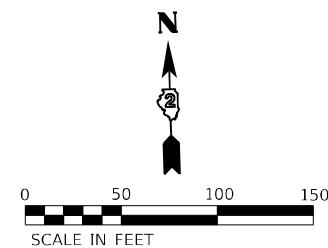
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PLOT SCALE = 0.16666633 / in.	DRAWN - MW	REVISED -
PLOT DATE = 9/22/2025	CHECKED - FBN	REVISED -
	DATE - 05/19/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING PLANS
US 20
 SCALE: 1"=50' SHEET 4 OF 13 SHEETS STA. 1341+00.00 TO STA. 1355+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	222
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



LEGEND

- ① PREF PL PM TD LTR & SYM WITH GRV RCSD PM LTR & SYM
- ② PREF PL PM TD LN 4" WITH GRV RCSD PVT MRKG 5"
- ③ PREF PL PM TD L 6" WITH GRV RCSD PVT MRKG 7"
- ④ PREF PL PM TD L 8" WITH GRV RCSD PVT MRKG 9"
- ⑤ PREF PL PM TD L 9" WITH GRV RCSD PVT MRKG 10" *
- ⑥ PREF PL PM TD L 11" WITH GRV RCSD PVT MRKG 12" *
- ⑦ PREF PL PM TD L 12" WITH GRV RCSD PVT MRKG 13"
- ⑧ PREF PL PM TD L 24" WITH GRV RCSD PVT MRKG 25"
- ⑨ MOD URETH PM LTR-SYM
- ⑩ MOD URETH PM LTR-SYM WITH GRV RCSD PM LTR & SYM
- ⑪ MOD URETH PM LINE 4"
- ⑫ MOD URETH PM LINE 4" WITH GRV RCSD PVT MRKG 5"
- ⑬ MOD URETH PM LINE 6"
- ⑭ MOD URETH PM LINE 8"
- ⑮ MOD URETH PM LINE 12"
- ⑯ MOD URETH PM LINE 12" WITH GRV RCSD PVT MRKG 13"
- ⑰ MOD URETH PM LINE 24"
- ⑱ MOD URETH PM LINE 24" WITH GRV RCSD PVT MRKG 25"
- ▲ RAISED REFL PAVT MKR (ONE-WAY CRYSTAL)
- ⊥ DELINEATOR WITH SINGLE REFLECTOR
- ⊥ DELINEATOR WITH DOUBLE REFLECTORS
- * CONTRASTING PAVEMENT MARKING

MODEL: PAK US 20_4 (Sheet)
 FILE NAME: p:\projects\submittals\combinerchaw4\Documents\108002\Fig_Desc\CAD_Sheets\Print_mk_sigm\Mainline and Bumps (Quigg)\D564R72-455hsh-rmk & Signs



USER NAME = MWilson	DESIGNED - MW	REVISED -
	DRAWN - MW	REVISED -
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PLOT DATE = 9/22/2025	DATE - 05/19/2025	REVISED -

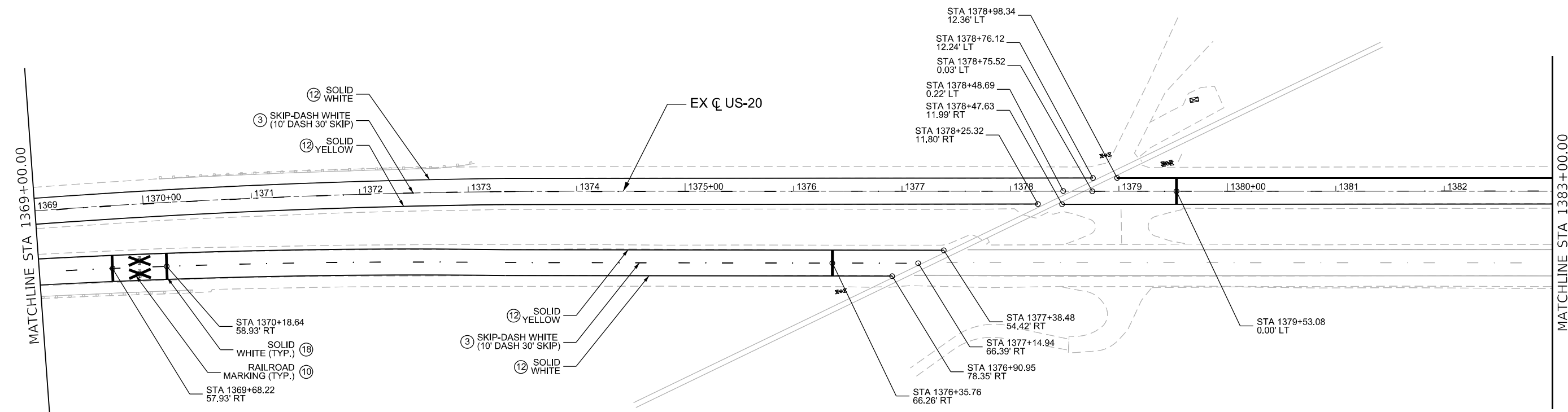
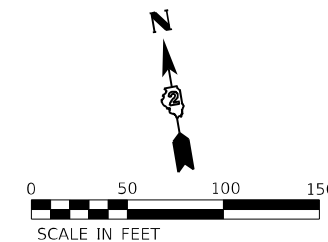
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING PLANS
US 20**

SCALE: 1"=50' SHEET 5 OF 13 SHEETS STA. 1355+00.00 TO STA. 1369+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	223
CONTRACT NO. 64R72				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



LEGEND

- ① PREF PL PM TD LTR & SYM WITH GRV RCSD PM LTR & SYM
- ② PREF PL PM TD LN 4" WITH GRV RCSD PVT MRKG 5"
- ③ PREF PL PM TD L 6" WITH GRV RCSD PVT MRKG 7"
- ④ PREF PL PM TD L 8" WITH GRV RCSD PVT MRKG 9"
- ⑤ PREF PL PM TD L 9" WITH GRV RCSD PVT MRKG 10" *
- ⑥ PREF PL PM TD L 11" WITH GRV RCSD PVT MRKG 12" *
- ⑦ PREF PL PM TD L 12" WITH GRV RCSD PVT MRKG 13"
- ⑧ PREF PL PM TD L 24" WITH GRV RCSD PVT MRKG 25"
- ⑨ MOD URETH PM LTR-SYM
- ⑩ MOD URETH PM LTR-SYM WITH GRV RCSD PM LTR & SYM
- ⑪ MOD URETH PM LINE 4"
- ⑫ MOD URETH PM LINE 4" WITH GRV RCSD PVT MRKG 5"
- ⑬ MOD URETH PM LINE 6"
- ⑭ MOD URETH PM LINE 8"
- ⑮ MOD URETH PM LINE 12"
- ⑯ MOD URETH PM LINE 12" WITH GRV RCSD PVT MRKG 13"
- ⑰ MOD URETH PM LINE 24"
- ⑱ MOD URETH PM LINE 24" WITH GRV RCSD PVT MRKG 25"
- ▲ RAISED REFL PAVT MKR (ONE-WAY CRYSTAL)
- ▬ DELINEATOR WITH SINGLE REFLECTOR
- ▬ DELINEATOR WITH DOUBLE REFLECTORS
- * CONTRASTING PAVEMENT MARKING

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USER NAME = MWilson	DESIGNED - MW	REVISED -
DRAWN - MW	REVISED -	
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PLOT DATE = 9/22/2025	DATE - 05/19/2025	REVISED -

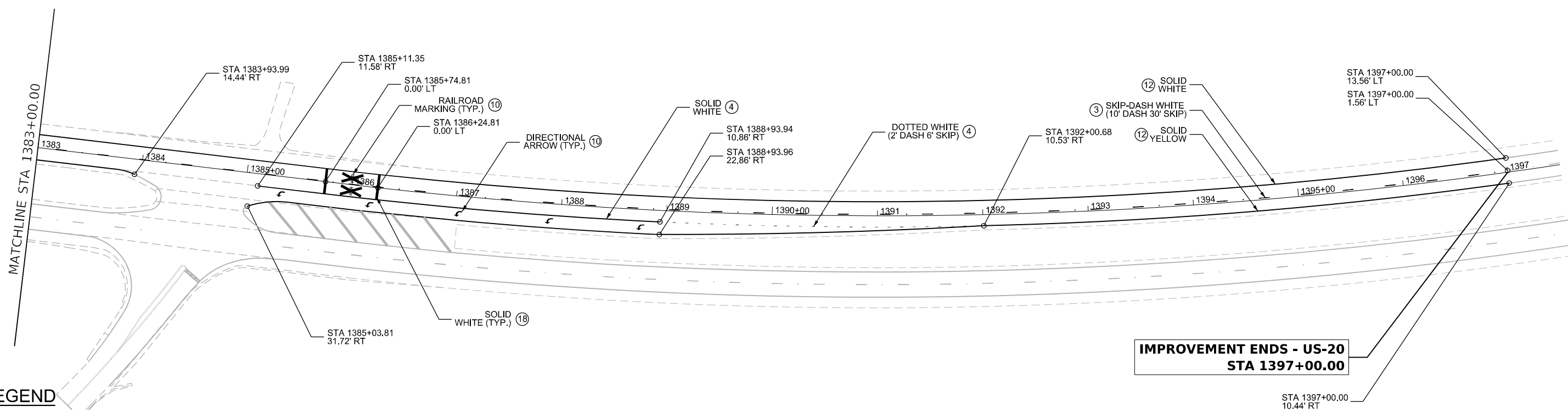
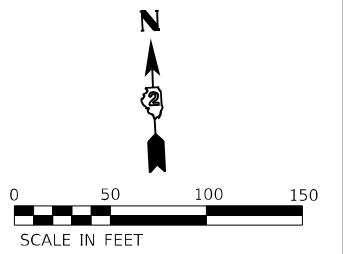
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING PLANS
US 20**

SCALE: 1"=50' SHEET 6 OF 13 SHEETS STA. 1369+00.00 TO STA. 1383+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	224
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



**IMPROVEMENT ENDS - US-20
STA 1397+00.00**

LEGEND

- ① PREF PL PM TD LTR & SYM WITH GRV RCSD PM LTR & SYM
- ② PREF PL PM TD LN 4" WITH GRV RCSD PVT MRKG 5"
- ③ PREF PL PM TD L 6" WITH GRV RCSD PVT MRKG 7"
- ④ PREF PL PM TD L 8" WITH GRV RCSD PVT MRKG 9"
- ⑤ PREF PL PM TD L 9" WITH GRV RCSD PVT MRKG 10" *
- ⑥ PREF PL PM TD L 11" WITH GRV RCSD PVT MRKG 12" *
- ⑦ PREF PL PM TD L 12" WITH GRV RCSD PVT MRKG 13"
- ⑧ PREF PL PM TD L 24" WITH GRV RCSD PVT MRKG 25"
- ⑨ MOD URETH PM LTR-SYM
- ⑩ MOD URETH PM LTR-SYM WITH GRV RCSD PM LTR & SYM
- ⑪ MOD URETH PM LINE 4"
- ⑫ MOD URETH PM LINE 4" WITH GRV RCSD PVT MRKG 5"
- ⑬ MOD URETH PM LINE 6"
- ⑭ MOD URETH PM LINE 8"
- ⑮ MOD URETH PM LINE 12"
- ⑯ MOD URETH PM LINE 12" WITH GRV RCSD PVT MRKG 13"
- ⑰ MOD URETH PM LINE 24"
- ⑱ MOD URETH PM LINE 24" WITH GRV RCSD PVT MRKG 25"
- ▲ RAISED REFL PAVT MKR (ONE-WAY CRYSTAL)
- ▬ DELINEATOR WITH SINGLE REFLECTOR
- ▬ DELINEATOR WITH DOUBLE REFLECTORS
- * CONTRASTING PAVEMENT MARKING

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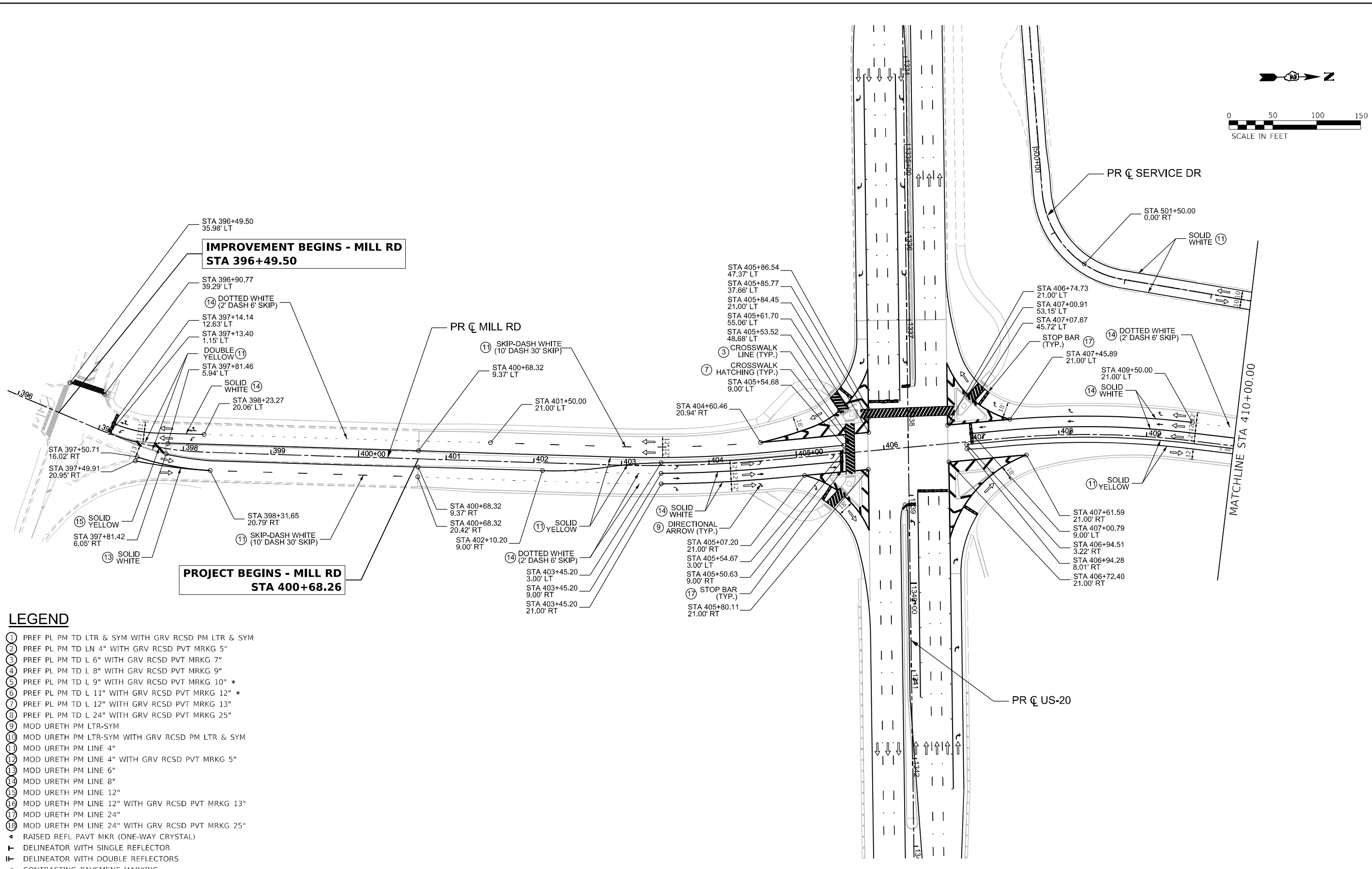
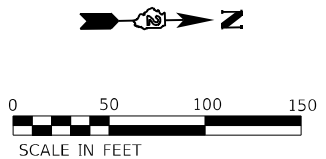
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PLOT DATE = 9/22/2025	CHECKED - FBN	REVISED -
	DATE - 05/19/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING PLANS			
US 20			
SCALE: 1"=50'	SHEET 7 OF 13 SHEETS	STA. 1383+00.00	TO STA. END STATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	225
CONTRACT NO. 64R72				
		ILLINOIS	FED. AID PROJECT	

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



LEGEND

- ① PREF PL PM TD LTR & SYM WITH GRV RCSD PM LTR & SYM
- ② PREF PL PM TD LN 4" WITH GRV RCSD PVT MRKG 5"
- ③ PREF PL PM TD L 6" WITH GRV RCSD PVT MRKG 7"
- ④ PREF PL PM TD L 8" WITH GRV RCSD PVT MRKG 9"
- ⑤ PREF PL PM TD L 9" WITH GRV RCSD PVT MRKG 10" *
- ⑥ PREF PL PM TD L 11" WITH GRV RCSD PVT MRKG 12" *
- ⑦ PREF PL PM TD L 12" WITH GRV RCSD PVT MRKG 13"
- ⑧ PREF PL PM TD L 24" WITH GRV RCSD PVT MRKG 25"
- ⑨ MOD URETH PM LTR-SYM
- ⑩ MOD URETH PM LTR-SYM WITH GRV RCSD PM LTR & SYM
- ⑪ MOD URETH PM LINE 4"
- ⑫ MOD URETH PM LINE 4" WITH GRV RCSD PVT MRKG 5"
- ⑬ MOD URETH PM LINE 6"
- ⑭ MOD URETH PM LINE 8"
- ⑮ MOD URETH PM LINE 12"
- ⑯ MOD URETH PM LINE 12" WITH GRV RCSD PVT MRKG 13"
- ⑰ MOD URETH PM LINE 24"
- ⑱ MOD URETH PM LINE 24" WITH GRV RCSD PVT MRKG 25"
- ▲ RAISED REFL PAVT MKR (ONE-WAY CRYSTAL)
- ⊥ DELINEATOR WITH SINGLE REFLECTOR
- ⊥ DELINEATOR WITH DOUBLE REFLECTORS
- * CONTRASTING PAVEMENT MARKING

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 DRAWN: MW
 CHECKED: FBN
 DATE: 05/19/2025
 PLOT DATE: 10/2/2025



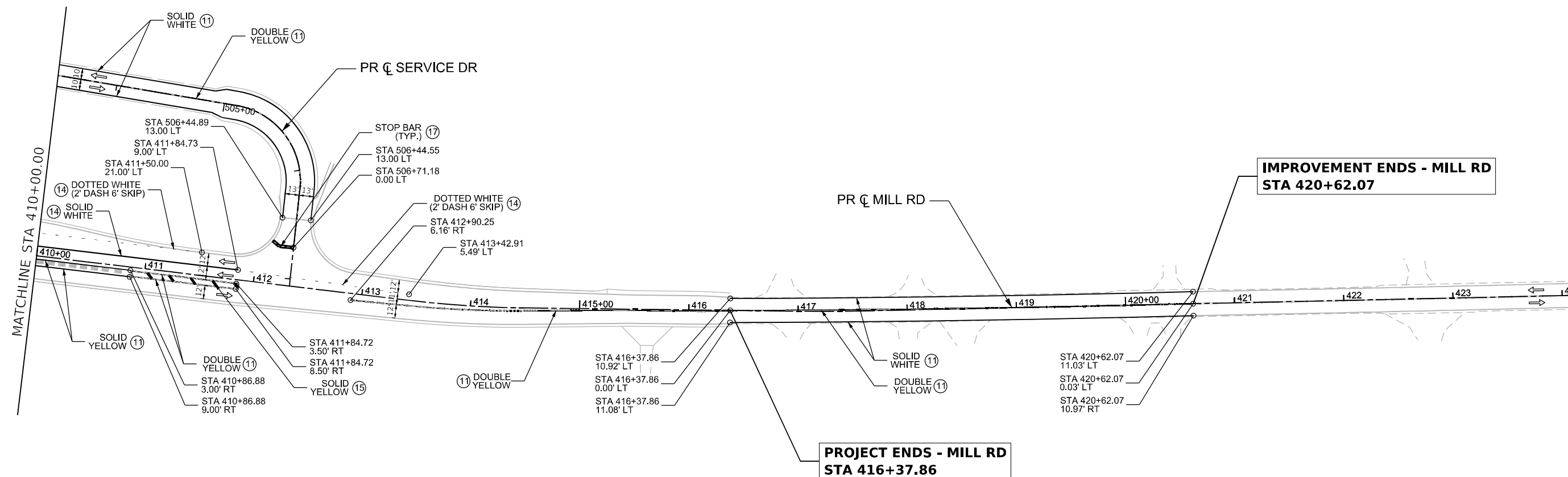
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PLOT DATE = 10/2/2025	CHECKED - FBN	REVISED -
	DATE - 05/19/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING PLANS			
MILL RD			
SCALE: 1"=50'	SHEET 8 OF 13 SHEETS	STA. BEGIN STATION TO STA. 410+00.00	

F.A.I. RTE. 39	SECTION (15X)RC & 5RS	COUNTY WINNEBAGO	TOTAL SHEETS 564	SHEET NO. 226
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



LEGEND

- ① PREF PL PM TD LTR & SYM WITH GRV RCSD PM LTR & SYM
- ② PREF PL PM TD LN 4" WITH GRV RCSD PVT MRKG 5"
- ③ PREF PL PM TD L 6" WITH GRV RCSD PVT MRKG 7"
- ④ PREF PL PM TD L 8" WITH GRV RCSD PVT MRKG 9"
- ⑤ PREF PL PM TD L 9" WITH GRV RCSD PVT MRKG 10" *
- ⑥ PREF PL PM TD L 11" WITH GRV RCSD PVT MRKG 12" *
- ⑦ PREF PL PM TD L 12" WITH GRV RCSD PVT MRKG 13"
- ⑧ PREF PL PM TD L 24" WITH GRV RCSD PVT MRKG 25"
- ⑨ MOD URETH PM LTR-SYM
- ⑩ MOD URETH PM LTR-SYM WITH GRV RCSD PM LTR & SYM
- ⑪ MOD URETH PM LINE 4"
- ⑫ MOD URETH PM LINE 4" WITH GRV RCSD PVT MRKG 5"
- ⑬ MOD URETH PM LINE 6"
- ⑭ MOD URETH PM LINE 8"
- ⑮ MOD URETH PM LINE 12"
- ⑯ MOD URETH PM LINE 12" WITH GRV RCSD PVT MRKG 13"
- ⑰ MOD URETH PM LINE 24"
- ⑱ MOD URETH PM LINE 24" WITH GRV RCSD PVT MRKG 25"
- ▲ RAISED REFL PAVT MKR (ONE-WAY CRYSTAL)
- ⊥ DELINEATOR WITH SINGLE REFLECTOR
- ⊥ DELINEATOR WITH DOUBLE REFLECTORS
- * CONTRASTING PAVEMENT MARKING

MODEL: PAK MILL 2 (Sheet)
 FILE NAME: p:\projects\winnebago\64r72\64r72-45\sheet-PAK & Signs



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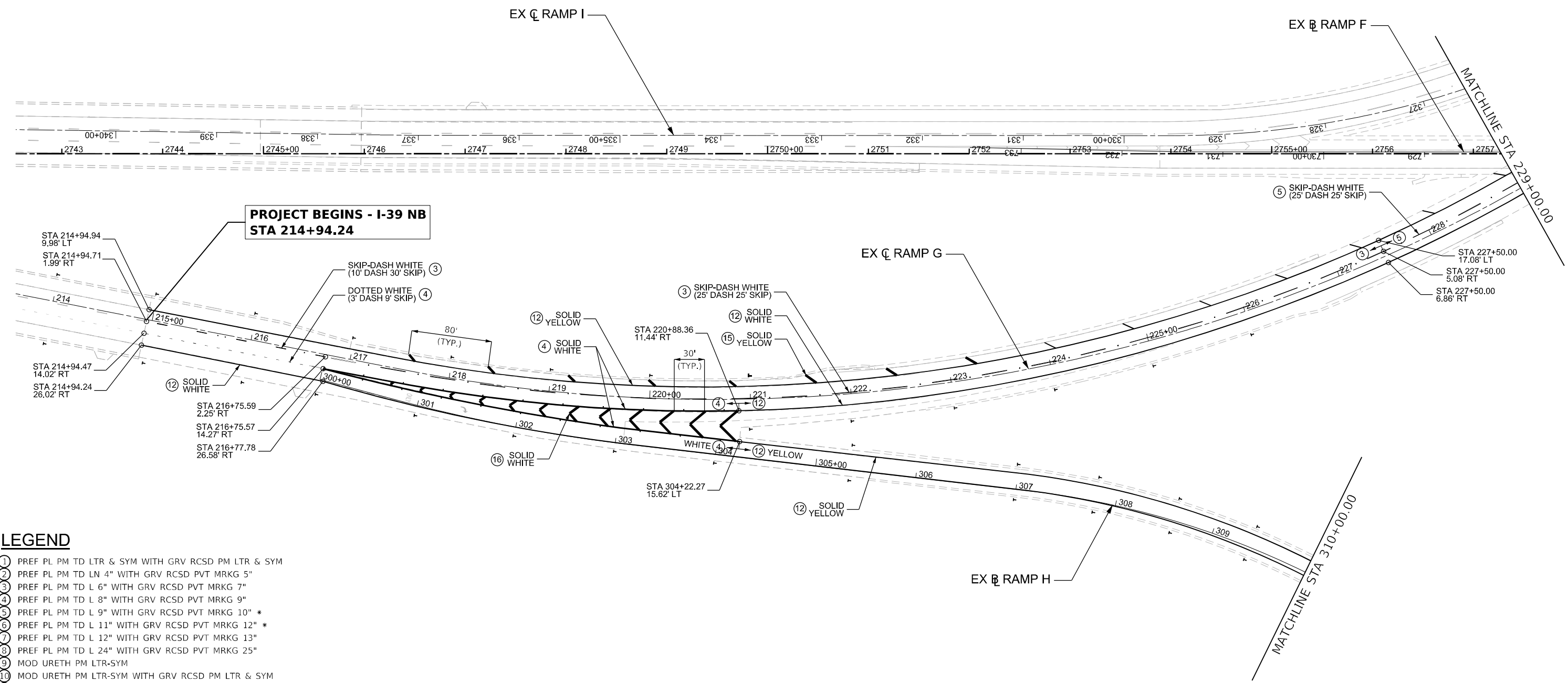
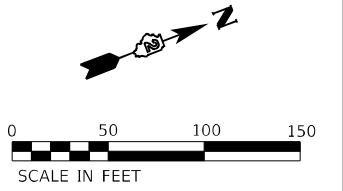
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING PLANS
MILL RD**

SCALE: 1"=50' SHEET 9 OF 13 SHEETS STA. 410+00.00 TO STA. END STATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	227
CONTRACT NO. 64R72				
		ILLINOIS	FED. AID PROJECT	

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



LEGEND

- ① PREF PL PM TD LTR & SYM WITH GRV RCSD PM LTR & SYM
- ② PREF PL PM TD LN 4" WITH GRV RCSD PVT MRKG 5"
- ③ PREF PL PM TD L 6" WITH GRV RCSD PVT MRKG 7"
- ④ PREF PL PM TD L 8" WITH GRV RCSD PVT MRKG 9"
- ⑤ PREF PL PM TD L 9" WITH GRV RCSD PVT MRKG 10" *
- ⑥ PREF PL PM TD L 11" WITH GRV RCSD PVT MRKG 12" *
- ⑦ PREF PL PM TD L 12" WITH GRV RCSD PVT MRKG 13"
- ⑧ PREF PL PM TD L 24" WITH GRV RCSD PVT MRKG 25"
- ⑨ MOD URETH PM LTR-SYM
- ⑩ MOD URETH PM LTR-SYM WITH GRV RCSD PM LTR & SYM
- ⑪ MOD URETH PM LINE 4"
- ⑫ MOD URETH PM LINE 4" WITH GRV RCSD PVT MRKG 5"
- ⑬ MOD URETH PM LINE 6"
- ⑭ MOD URETH PM LINE 8"
- ⑮ MOD URETH PM LINE 12"
- ⑯ MOD URETH PM LINE 12" WITH GRV RCSD PVT MRKG 13"
- ⑰ MOD URETH PM LINE 24"
- ⑱ MOD URETH PM LINE 24" WITH GRV RCSD PVT MRKG 25"
- ▲ RAISED REFL PAVT MKR (ONE-WAY CRYSTAL)
- ┆ DELINEATOR WITH SINGLE REFLECTOR
- ┆ DELINEATOR WITH DOUBLE REFLECTORS
- * CONTRASTING PAVEMENT MARKING

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 SHEET: 10 OF 13



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	DATE - 05/19/2025	REVISED -

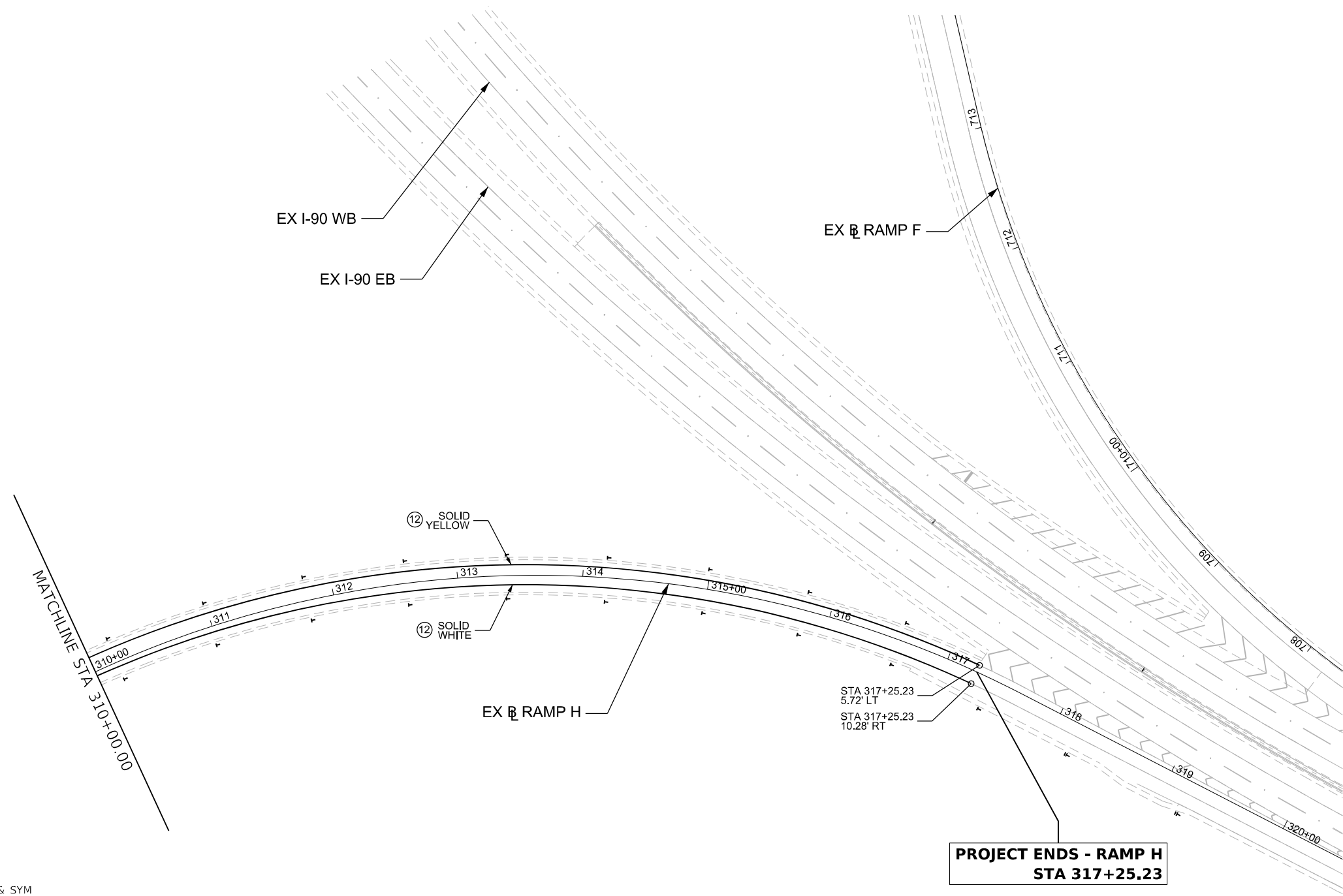
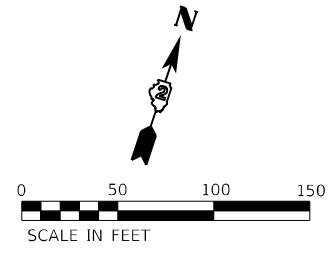
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING PLANS
RAMPS G AND H**

SCALE: 1"=50' SHEET 10 OF 13 SHEETS STA. BEGIN STATION TO STA. 310+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	228
CONTRACT NO. 64R72				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



LEGEND

- ① PREF PL PM TD LTR & SYM WITH GRV RCSD PM LTR & SYM
- ② PREF PL PM TD LN 4" WITH GRV RCSD PVT MRKG 5"
- ③ PREF PL PM TD L 6" WITH GRV RCSD PVT MRKG 7"
- ④ PREF PL PM TD L 8" WITH GRV RCSD PVT MRKG 9"
- ⑤ PREF PL PM TD L 9" WITH GRV RCSD PVT MRKG 10" *
- ⑥ PREF PL PM TD L 11" WITH GRV RCSD PVT MRKG 12" *
- ⑦ PREF PL PM TD L 12" WITH GRV RCSD PVT MRKG 13"
- ⑧ PREF PL PM TD L 24" WITH GRV RCSD PVT MRKG 25"
- ⑨ MOD URETH PM LTR-SYM
- ⑩ MOD URETH PM LTR-SYM WITH GRV RCSD PM LTR & SYM
- ⑪ MOD URETH PM LINE 4"
- ⑫ MOD URETH PM LINE 4" WITH GRV RCSD PVT MRKG 5"
- ⑬ MOD URETH PM LINE 6"
- ⑭ MOD URETH PM LINE 8"
- ⑮ MOD URETH PM LINE 12"
- ⑯ MOD URETH PM LINE 12" WITH GRV RCSD PVT MRKG 13"
- ⑰ MOD URETH PM LINE 24"
- ⑱ MOD URETH PM LINE 24" WITH GRV RCSD PVT MRKG 25"
- ▲ RAISED REFL PAVT MKR (ONE-WAY CRYSTAL)
- ⊥ DELINEATOR WITH SINGLE REFLECTOR
- ⊥ DELINEATOR WITH DOUBLE REFLECTORS
- * CONTRASTING PAVEMENT MARKING

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 Date: 9/22/2025



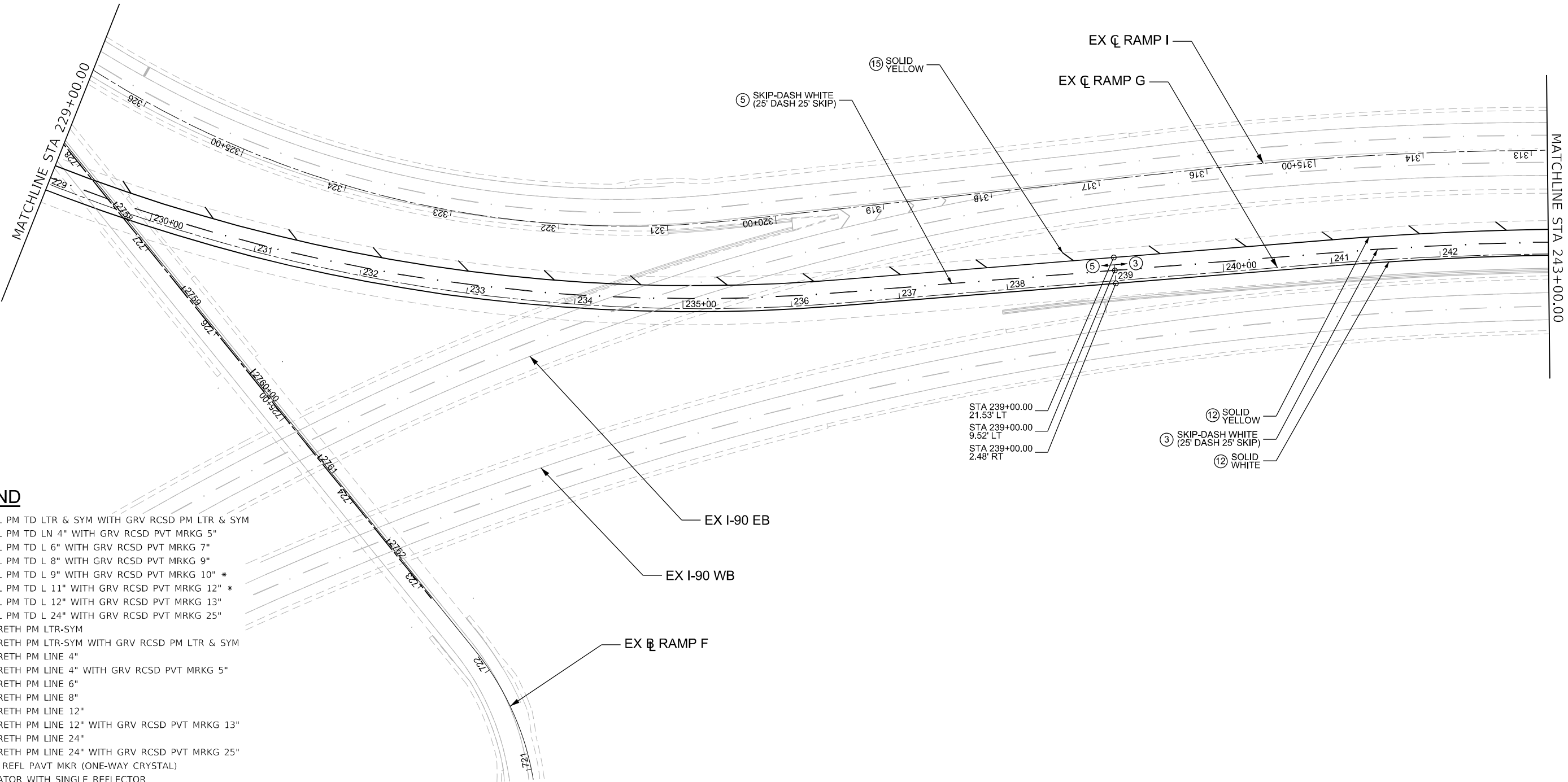
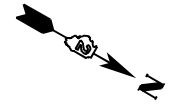
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PLOT DATE = 9/22/2025	DATE - 05/19/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING PLANS			
RAMP H			
SCALE: 1"=50'	SHEET 11 OF 13 SHEETS	STA. 310+00.00	TO STA. END STATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	229
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



STA 239+00.00
21.53' LT
STA 239+00.00
9.52' LT
STA 239+00.00
2.48' RT

⑫ SOLID YELLOW
③ SKIP-DASH WHITE (25' DASH 25' SKIP)
⑫ SOLID WHITE

LEGEND

- ① PREF PL PM TD LTR & SYM WITH GRV RCSD PM LTR & SYM
- ② PREF PL PM TD LN 4" WITH GRV RCSD PVT MRKG 5"
- ③ PREF PL PM TD L 6" WITH GRV RCSD PVT MRKG 7"
- ④ PREF PL PM TD L 8" WITH GRV RCSD PVT MRKG 9"
- ⑤ PREF PL PM TD L 9" WITH GRV RCSD PVT MRKG 10" *
- ⑥ PREF PL PM TD L 11" WITH GRV RCSD PVT MRKG 12" *
- ⑦ PREF PL PM TD L 12" WITH GRV RCSD PVT MRKG 13"
- ⑧ PREF PL PM TD L 24" WITH GRV RCSD PVT MRKG 25"
- ⑨ MOD URETH PM LTR-SYM
- ⑩ MOD URETH PM LTR-SYM WITH GRV RCSD PM LTR & SYM
- ⑪ MOD URETH PM LINE 4"
- ⑫ MOD URETH PM LINE 4" WITH GRV RCSD PVT MRKG 5"
- ⑬ MOD URETH PM LINE 6"
- ⑭ MOD URETH PM LINE 8"
- ⑮ MOD URETH PM LINE 12"
- ⑯ MOD URETH PM LINE 12" WITH GRV RCSD PVT MRKG 13"
- ⑰ MOD URETH PM LINE 24"
- ⑱ MOD URETH PM LINE 24" WITH GRV RCSD PVT MRKG 25"
- ▲ RAISED REFL PAVT MKR (ONE-WAY CRYSTAL)
- ⊥ DELINEATOR WITH SINGLE REFLECTOR
- ⊥ DELINEATOR WITH DOUBLE REFLECTORS
- * CONTRASTING PAVEMENT MARKING

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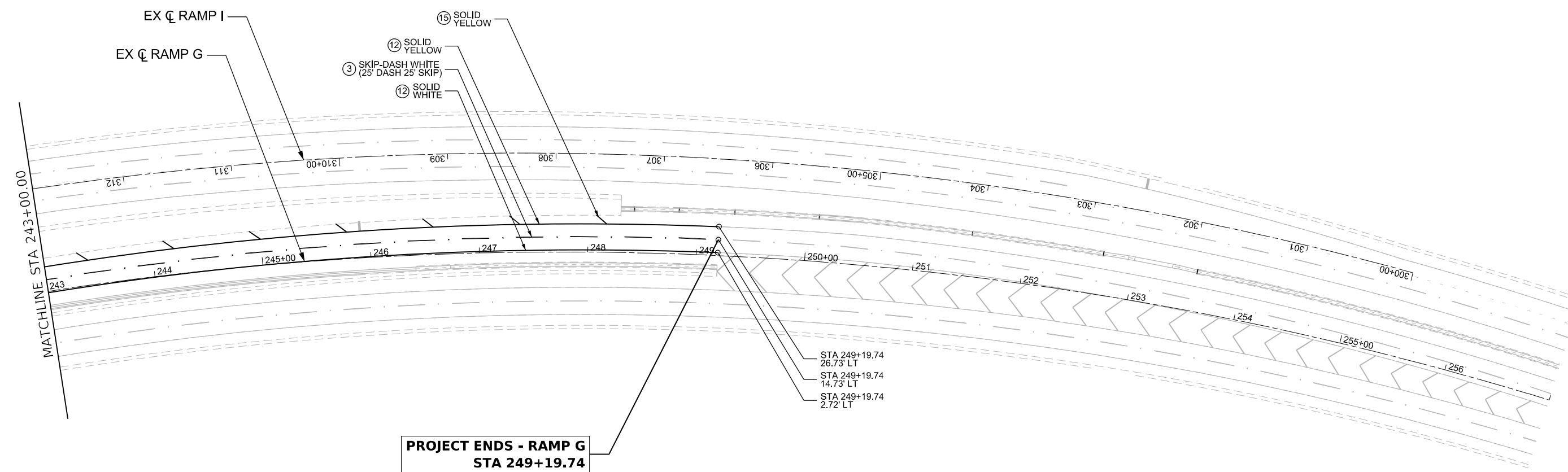
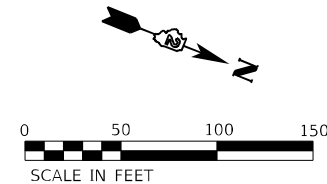
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	DATE - 05/19/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING PLANS			
RAMP G			
SCALE: 1"=50'	SHEET 12 OF 13 SHEETS	STA. 229+00.00 TO STA. 243+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	230
CONTRACT NO. 64R72				
		ILLINOIS	FED. AID PROJECT	

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



LEGEND

- ① PREF PL PM TD LTR & SYM WITH GRV RCSD PM LTR & SYM
- ② PREF PL PM TD LN 4" WITH GRV RCSD PVT MRKG 5"
- ③ PREF PL PM TD L 6" WITH GRV RCSD PVT MRKG 7"
- ④ PREF PL PM TD L 8" WITH GRV RCSD PVT MRKG 9"
- ⑤ PREF PL PM TD L 9" WITH GRV RCSD PVT MRKG 10" *
- ⑥ PREF PL PM TD L 11" WITH GRV RCSD PVT MRKG 12" *
- ⑦ PREF PL PM TD L 12" WITH GRV RCSD PVT MRKG 13"
- ⑧ PREF PL PM TD L 24" WITH GRV RCSD PVT MRKG 25"
- ⑨ MOD URETH PM LTR-SYM
- ⑩ MOD URETH PM LTR-SYM WITH GRV RCSD PM LTR & SYM
- ⑪ MOD URETH PM LINE 4"
- ⑫ MOD URETH PM LINE 4" WITH GRV RCSD PVT MRKG 5"
- ⑬ MOD URETH PM LINE 6"
- ⑭ MOD URETH PM LINE 8"
- ⑮ MOD URETH PM LINE 12"
- ⑯ MOD URETH PM LINE 12" WITH GRV RCSD PVT MRKG 13"
- ⑰ MOD URETH PM LINE 24"
- ⑱ MOD URETH PM LINE 24" WITH GRV RCSD PVT MRKG 25"
- ▲ RAISED REFL PAVT MKR (ONE-WAY CRYSTAL)
- ⊥ DELINEATOR WITH SINGLE REFLECTOR
- ⊥ DELINEATOR WITH DOUBLE REFLECTORS
- * CONTRASTING PAVEMENT MARKING

MODEL: PK1_L19_4 (Sheet)
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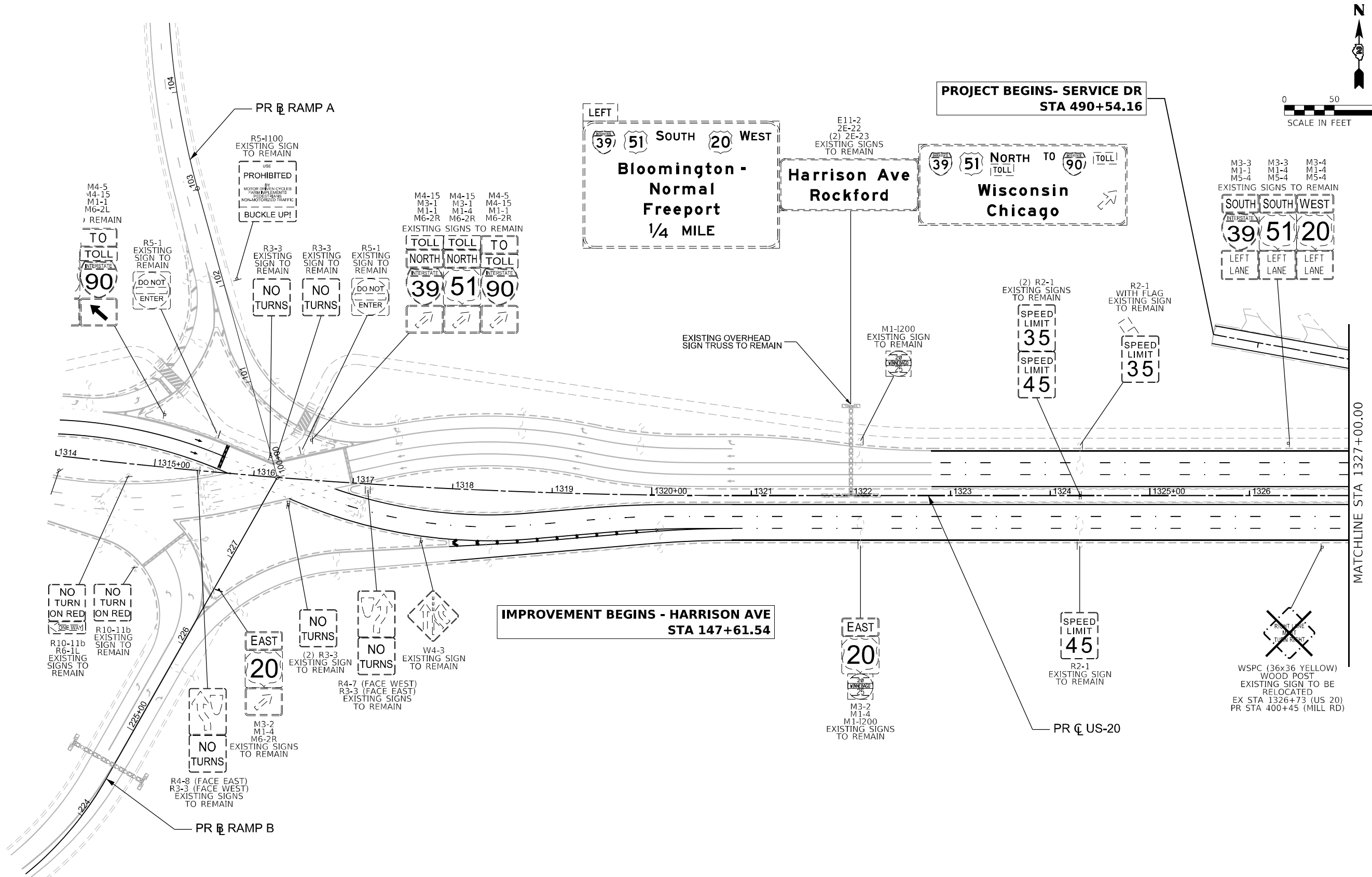
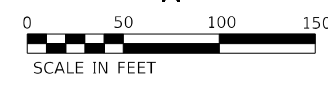
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PLOT DATE = 9/22/2025	CHECKED - FBN	REVISED -
	DATE - 05/19/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




PROPOSED PAVEMENT MARKING PLANS			
RAMP G			
SCALE: 1"=50'	SHEET 13 OF 13 SHEETS	STA. 243+00.00	TO STA. END STATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	231
CONTRACT NO. 64R72				
		ILLINOIS	FED. AID PROJECT	

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



LEGEND

-  EXISTING SIGN TO REMAIN
-  EXISTING SIGN TO BE REMOVED
-  PROPOSED SIGN, EXISTING SIGN TO BE REMOVED AND REINSTALLED, OR EXISTING SIGN TO BE RELOCATED

NOTE:
 CONTRACTOR SHALL CONTACT TRAFFIC OPERATIONS AT LEAST 5 DAYS PRIOR TO PLACING PERMANENT SIGNS

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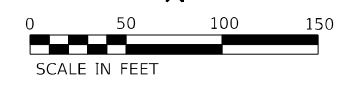
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PLOT DATE = 9/22/2025	CHECKED - FBN	REVISED -
	DATE - 05/19/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED SIGNING PLANS US 20			
SCALE: 1"=50'	SHEET 1	OF 10 SHEETS	STA. BEGIN STATION TO STA. 1327+00.00

F.A.I. RTE. 39	SECTION (15X)RC & 5RS	COUNTY WINNEBAGO	TOTAL SHEETS 564	SHEET NO. 232
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



PR C SERVICE DR

PROJECT BEGINS - US-20
STA 1336+13.39

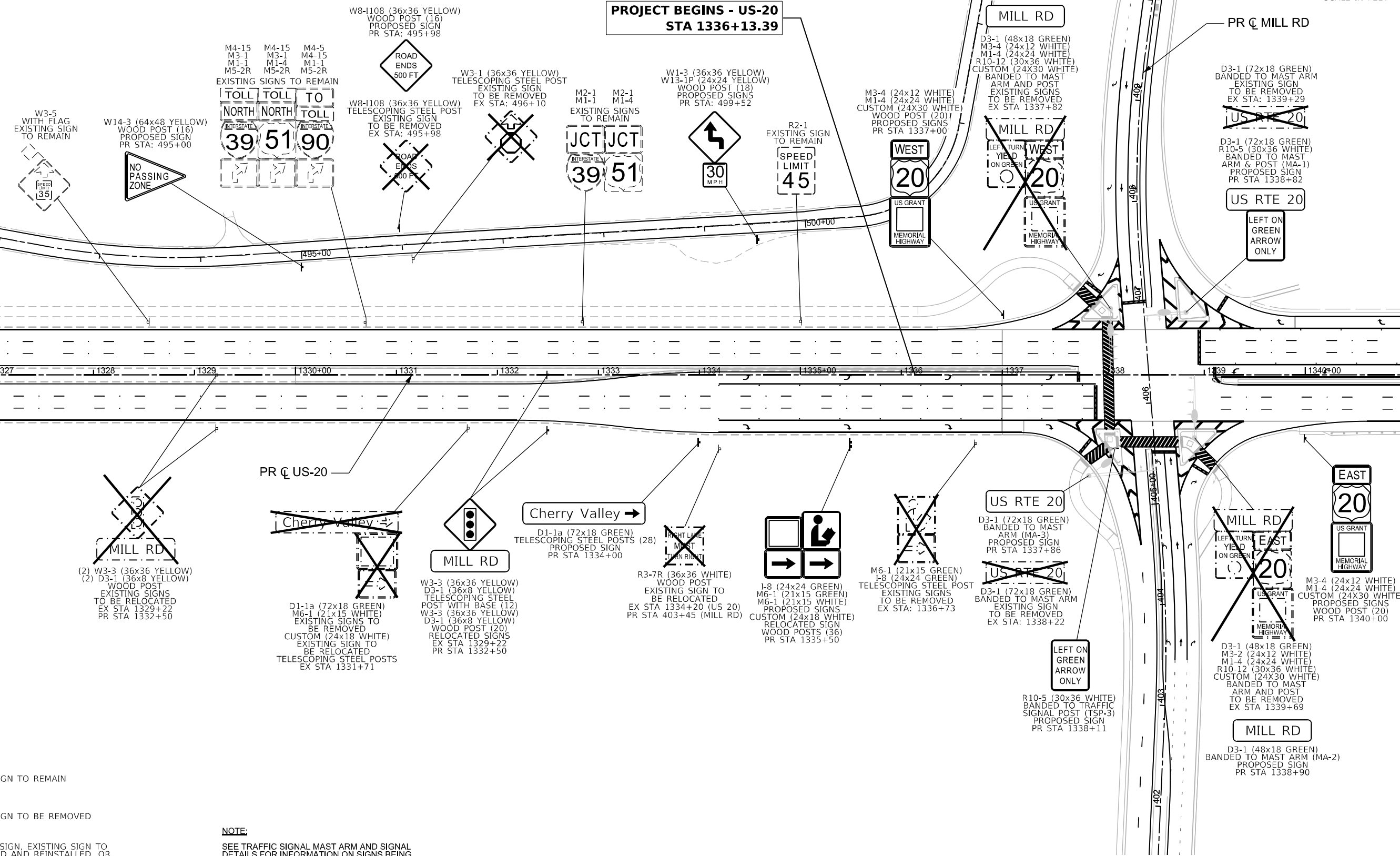
MILL RD

PR C MILL RD

MATCHLINE STA 1327+00.00

MATCHLINE STA 1341+00.00

1327 1328 1329 1330+00 1331 1332 1333 1334 1335+00 1336 1337 1338 1339 1340+00



LEGEND

- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN, EXISTING SIGN TO BE REMOVED AND REINSTALLED, OR EXISTING SIGN TO BE RELOCATED

NOTE:
SEE TRAFFIC SIGNAL MAST ARM AND SIGNAL DETAILS FOR INFORMATION ON SIGNS BEING BANDED TO TRAFFIC SIGNAL MAST ARMS



USER NAME = MWilson	DESIGNED - MW	REVISED -
PLOT SCALE = 0.16666833' / in.	DRAWN - MW	REVISED -
PLOT DATE = 10/2/2025	CHECKED - FBN	REVISED -
	DATE - 05/19/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

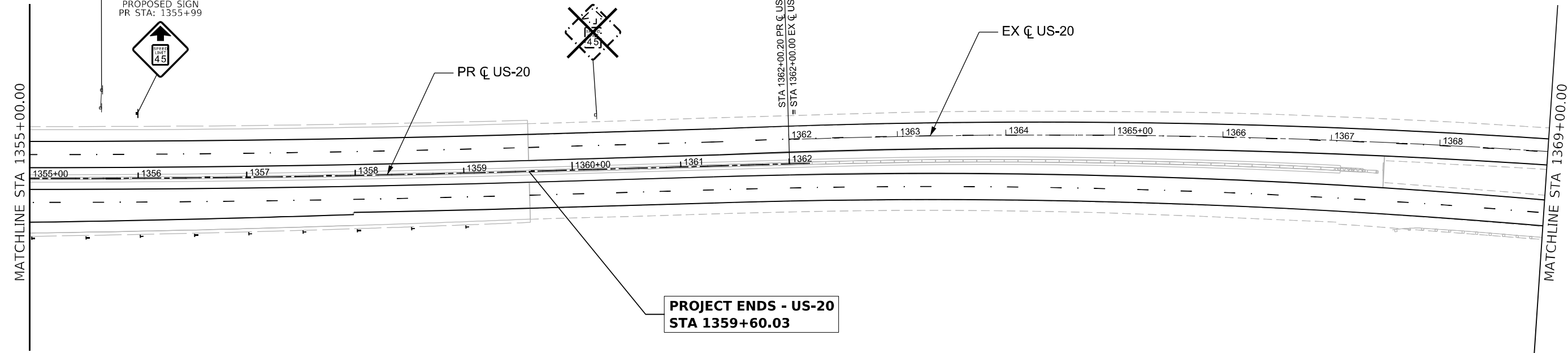
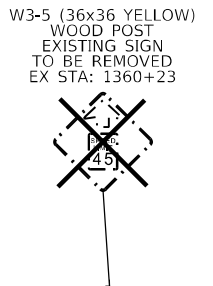
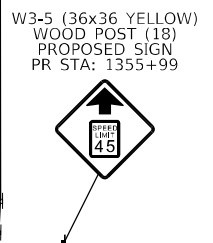
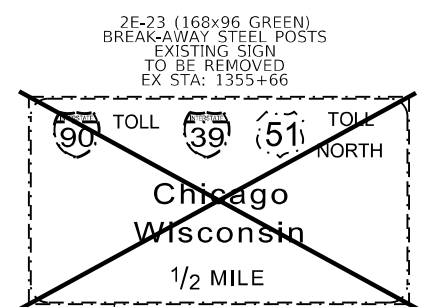
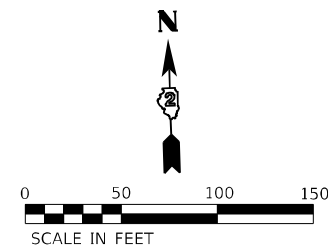
PROPOSED SIGNING PLANS
US 20

SCALE: 1"=50' SHEET 2 OF 10 SHEETS STA. 1327+00.00 TO STA. 1341+00.00

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	233
CONTRACT NO. 64R72				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)

MODEL: Sign US 20_2 (5sheet)
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PROJECT: Winnebago County, Illinois - US 20 (I-39) & FAP 301 (US 20) - Signing Plans



LEGEND

- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN, EXISTING SIGN TO BE REMOVED AND REINSTALLED, OR EXISTING SIGN TO BE RELOCATED

MODEL: Sign US 20_4 (Sheet)
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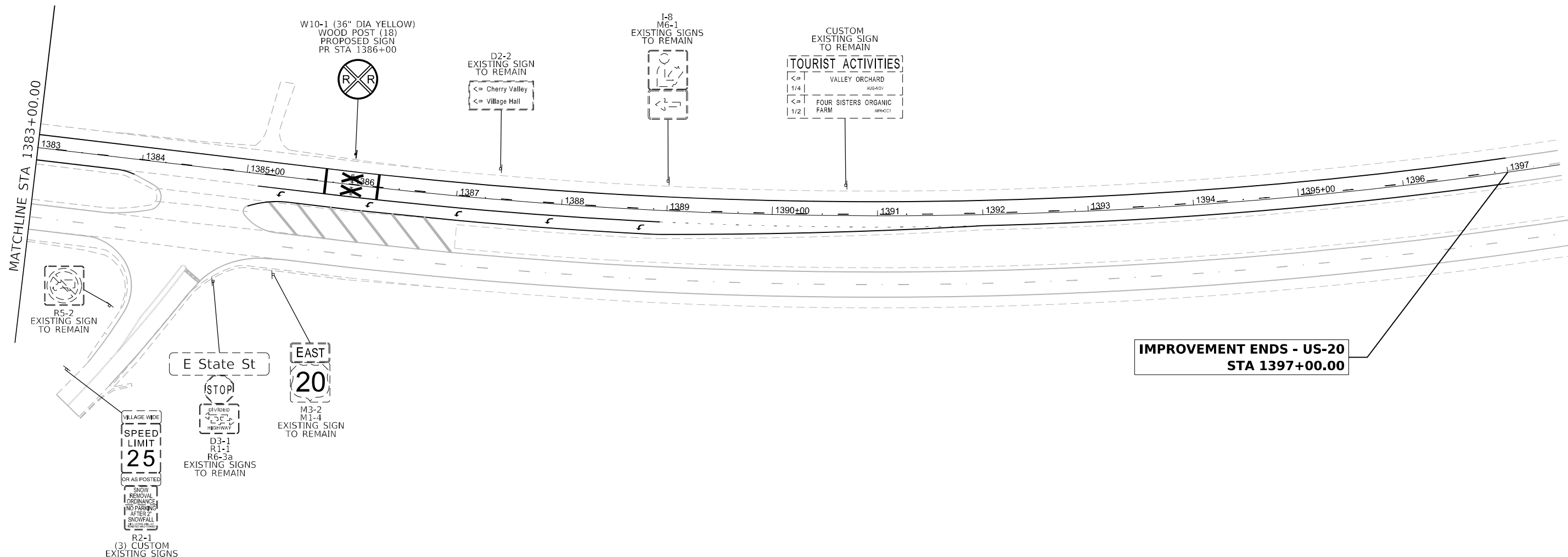
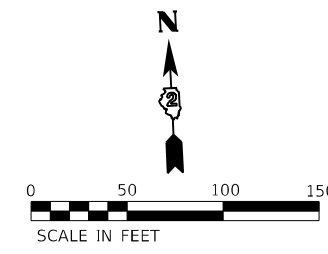
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PLOT DATE = 9/22/2025	CHECKED - FBN	REVISED -
	DATE - 05/19/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED SIGNING PLANS US 20			
SCALE: 1"=50'	SHEET 4 OF 10 SHEETS	STA. 1355+00.00 TO STA. 1369+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	235
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



**IMPROVEMENT ENDS - US-20
STA 1397+00.00**

MODEL: Sign US 20.d (Sheet)
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 Desc: CAD Sheets: Print: mkt_sigs: Mainline and Bumps (Quigg) 1086002.dwg
 User: MWilson
 Date: 9/22/2025

LEGEND

	EXISTING SIGN TO REMAIN
	EXISTING SIGN TO BE REMOVED
	PROPOSED SIGN, EXISTING SIGN TO BE REMOVED AND REINSTALLED, OR EXISTING SIGN TO BE RELOCATED



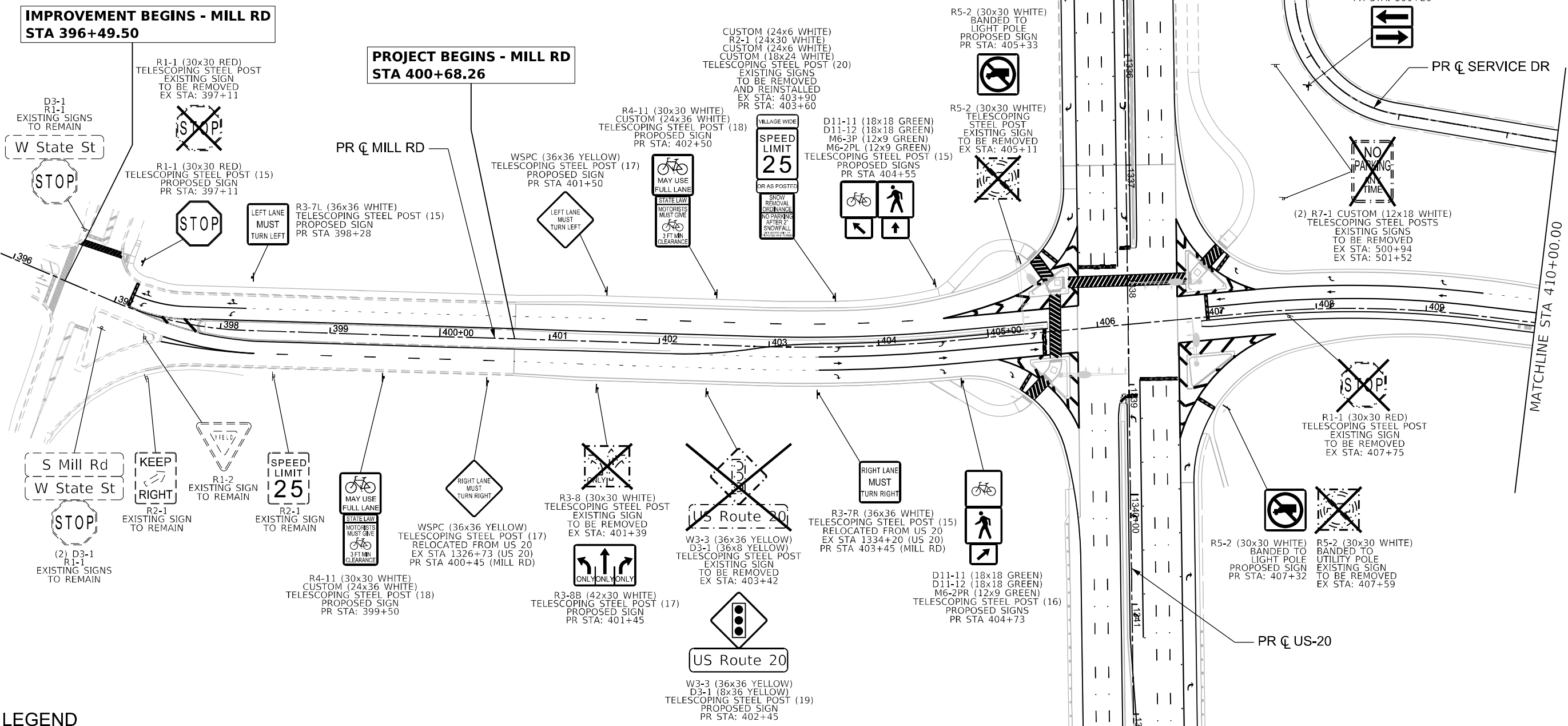
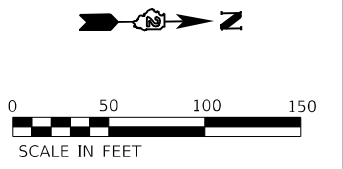
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PLOT SCALE = 0.16666633' / in.	DRAWN - MW	REVISED -
PLOT DATE = 9/22/2025	CHECKED - FBN	REVISED -
	DATE - 05/19/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED SIGNING PLANS			
US 20			
SCALE: 1"=50'	SHEET 6 OF 10 SHEETS	STA. 1383+00.00	TO STA. END STATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	237
CONTRACT NO. 64R72				
ILLINOIS		FED. AID PROJECT		

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)



LEGEND

	EXISTING SIGN TO REMAIN
	EXISTING SIGN TO BE REMOVED
	PROPOSED SIGN, EXISTING SIGN TO BE REMOVED AND REINSTALLED, OR EXISTING SIGN TO BE RELOCATED



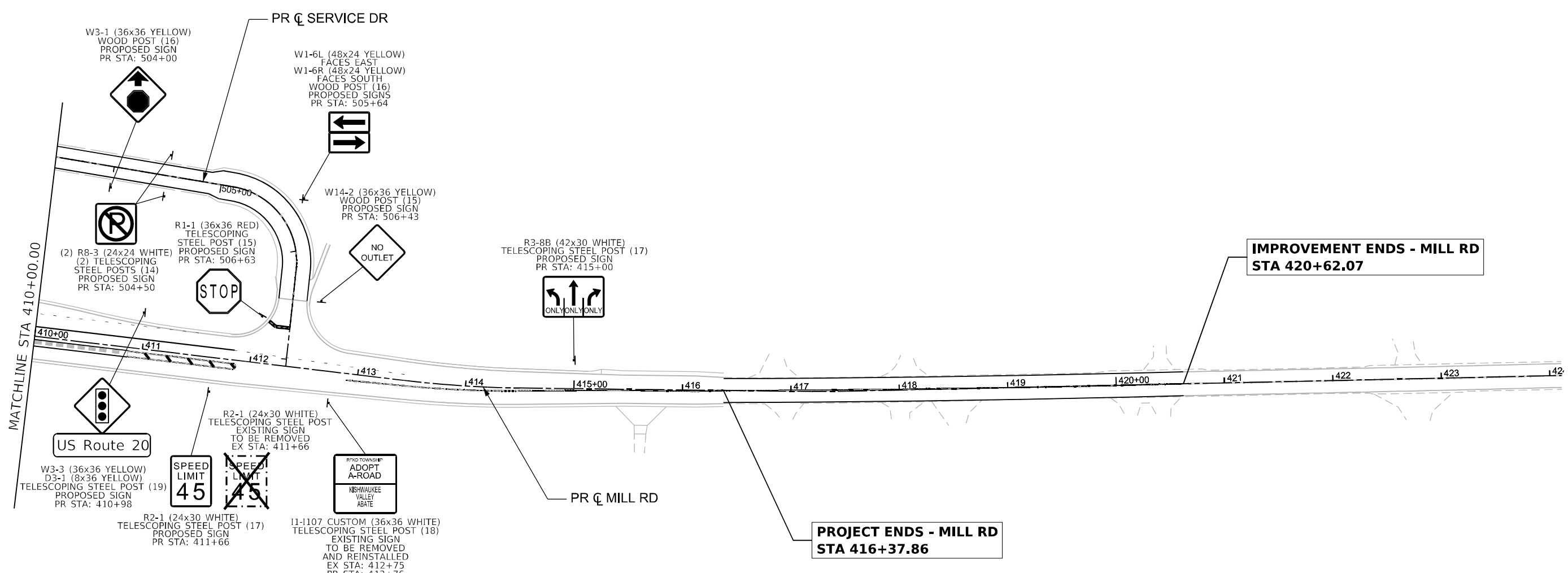
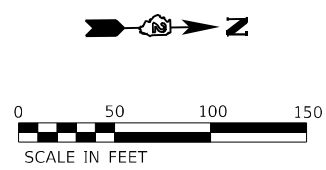
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PLOT DATE = 10/2/2025	CHECKED - FBN	REVISED -
	DATE - 05/19/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




PROPOSED SIGNING PLANS MILL RD			
SCALE: 1"=50'	SHEET 7 OF 10 SHEETS	STA. BEGIN STATION TO STA. 410+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	238
CONTRACT NO. 64R72				
* FAI ROUTE 39 (I-39) & FAP 301 (US 20)				

MODEL: Sign_MILL_1 (Sheet)
 FILE NAME: p:\borenschneider\benefit\combenefit\10600\02\eg\DesCAD_Sheets\Print_mks_sign\mainline and Bumpers (Quigg)D564R72-45\Sheet-PK & Signs



LEGEND

-  EXISTING SIGN TO REMAIN
-  EXISTING SIGN TO BE REMOVED
-  PROPOSED SIGN, EXISTING SIGN TO BE REMOVED AND REINSTALLED, OR EXISTING SIGN TO BE RELOCATED

MODEL: Sign Mill 2 (Sheet)
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 PROJECT: 64R72-45
 DRAWN: MW
 CHECKED: FBN
 DATE: 05/19/2025
 PLOT DATE: 9/22/2025



USER NAME = MWilson	DESIGNED - MW	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - MW	REVISED -
PLOT DATE = 9/22/2025	CHECKED - FBN	REVISED -
	DATE - 05/19/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

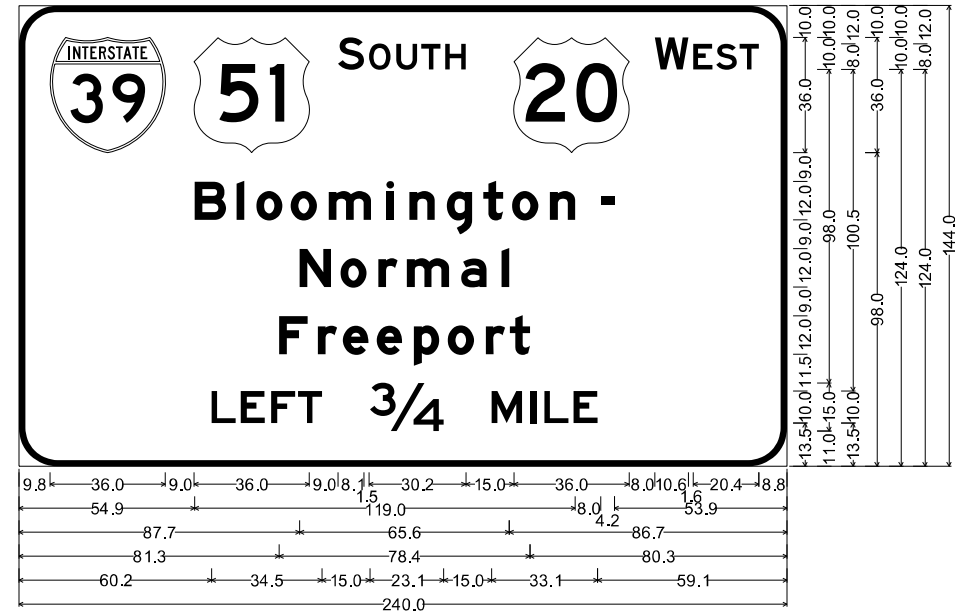
PROPOSED SIGNING PLANS
MILL RD

SCALE: 1"=50'	SHEET 8 OF 10 SHEETS	STA. 410+00.00 TO STA. END STATION
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	239
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)

US-20 1348+75

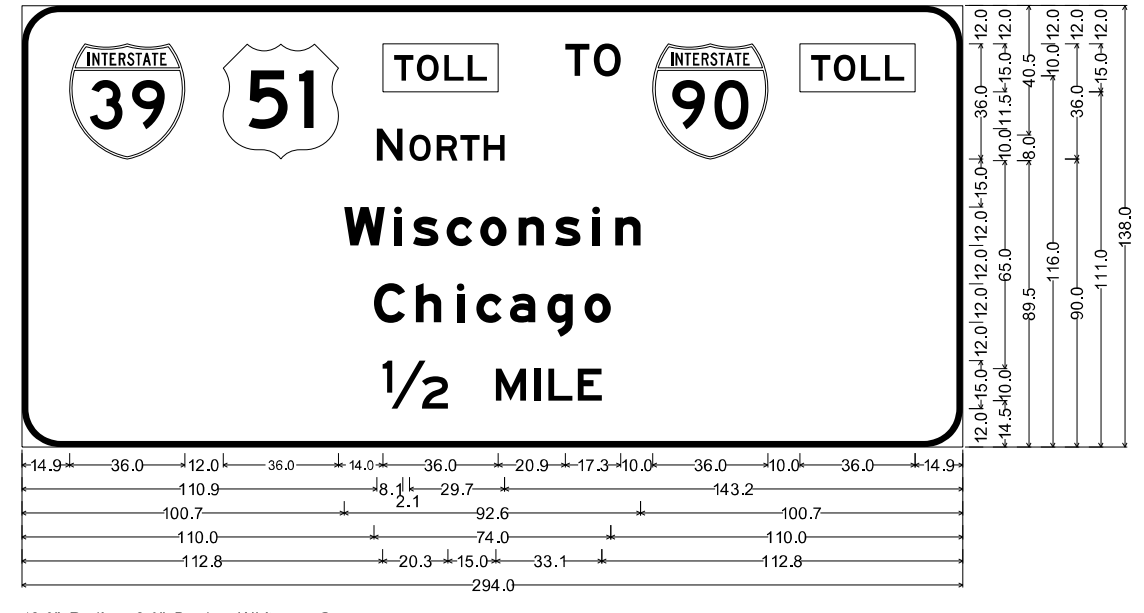


12.0" Radius, 2.0" Border, White on Green;
 "SOUTH", E 2K; "WEST", E 2K; "Bloomington -", E Mod 2K; "Normal", E Mod 2K; "Freeport", E Mod 2K;
 "LEFT 3/4 MILE", E 2K;

Table of distances between letter and object lefts

9.8	45.0	45.0	9.6	8.6	7.8	7.4	21.4	44.0	12.2	7.1	7.3	6.0	8.8
54.9	13.1	6.1	10.8	11.9	18.0	7.2	11.7	11.4	9.0	11.8	16.0	4.2	53.9
87.7	12.8	11.8	8.9	16.9	12.8	2.4	86.7						
81.3	12.1	7.8	10.6	11.6	10.6	11.9	7.5	6.3	80.3				
60.2	9.2	9.5	8.3	22.5	38.1	12.0	4.4	9.2	7.5	59.1			

US-20 1348+75



12.0" Radius, 2.0" Border, White on Green;
 No border, Black on Fluorescent Yellow;
 "TOLL", E 2K;
 "NORTH" White, E 2K; "TO" White, E 2K; No border, Black on Fluorescent Yellow;
 "TOLL", E 2K;
 "Wisconsin" White, E Mod 2K; "Chicago" White, E Mod 2K; "1/2 MILE" White, E 2K;

Table of distances between letter and object lefts

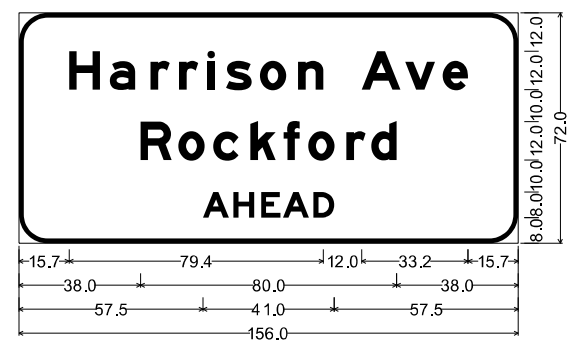
14.9	48.0	50.0	56.9	8.9	18.4	46.0	36.0	14.9		
110.9	10.2	8.5	7.4	7.3	6.5	143.2				
100.7	15.6	5.9	10.5	10.6	11.9	11.4	11.6	7.2	7.9	100.7
110.0	13.1	12.7	6.2	10.5	11.7	11.6	8.2	110.0		
112.8	35.3	12.0	4.4	9.2	7.5	112.8				

TOLL		18.0	15.0
3.5	29.0	3.5	
36.0			

No border, Black on Fluorescent Yellow;
 "TOLL", E 2K;
 Table of distances between letter and object lefts

T	O	L	L		
3.5	7.1	8.6	7.3	6.0	3.5

US-20 1348+75



9.0" Radius, 1.5" Border, White on Green;
 "Harrison Ave", E Mod 2K; "Rockford", E Mod 2K; "AHEAD", E Mod 2K;

Table of widths and spaces

15.7	H	9.7	3.0	a	7.9	4.8	r	6.0	2.9	r	6.0	2.9	i	2.4	3.4	s	8.0	2.6	o	8.2	3.7	n	7.9	
12.0	A	12.1	1.6	v	9.2	2.4	e	7.9	15.7															
38.0	R	9.7	2.2	o	8.1	2.7	c	7.9	3.7	k	7.9	2.5	f	5.1	2.6	o	8.2	3.7	r	6.0	1.8	d	7.9	38.0
57.5	A	8.1	1.4	H	6.5	2.2	E	5.9	0.9	A	8.1	1.4	D	6.5	57.5									

MODEL: Sign Panel Detail_1 (Sheet)
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 USER: MWilson
 DATE: 09/22/2025
 PROJECT: US-20 1348+75



USER NAME = MWilson	DESIGNED - MW	REVISED -
PLOT SCALE = 0.16666633 / in.	DRAWN - MW	REVISED -
PLOT DATE = 9/22/2025	CHECKED - FBN	REVISED -
	DATE - 05/19/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

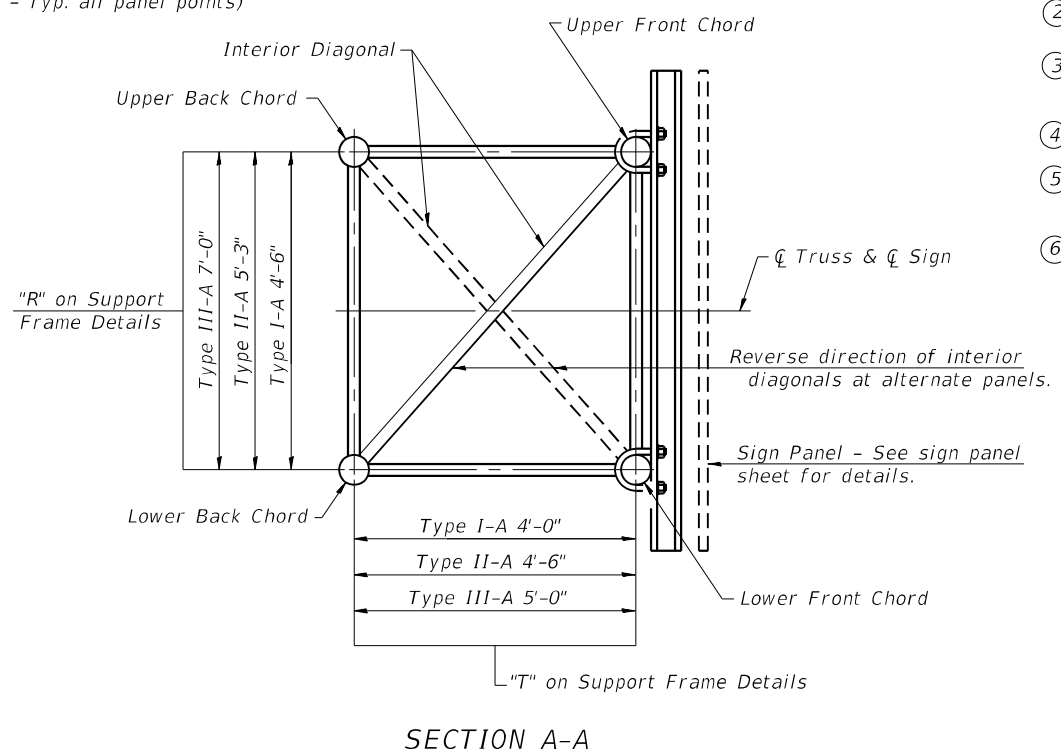
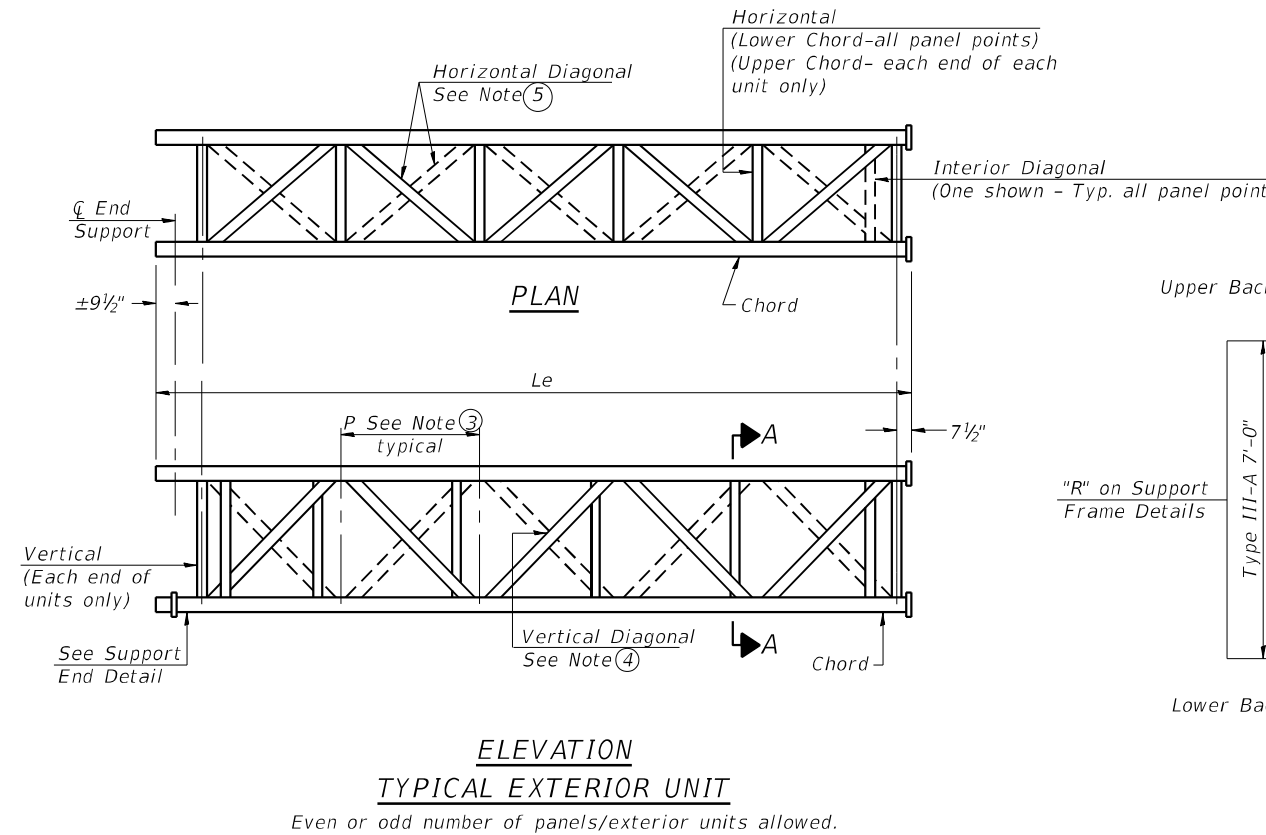
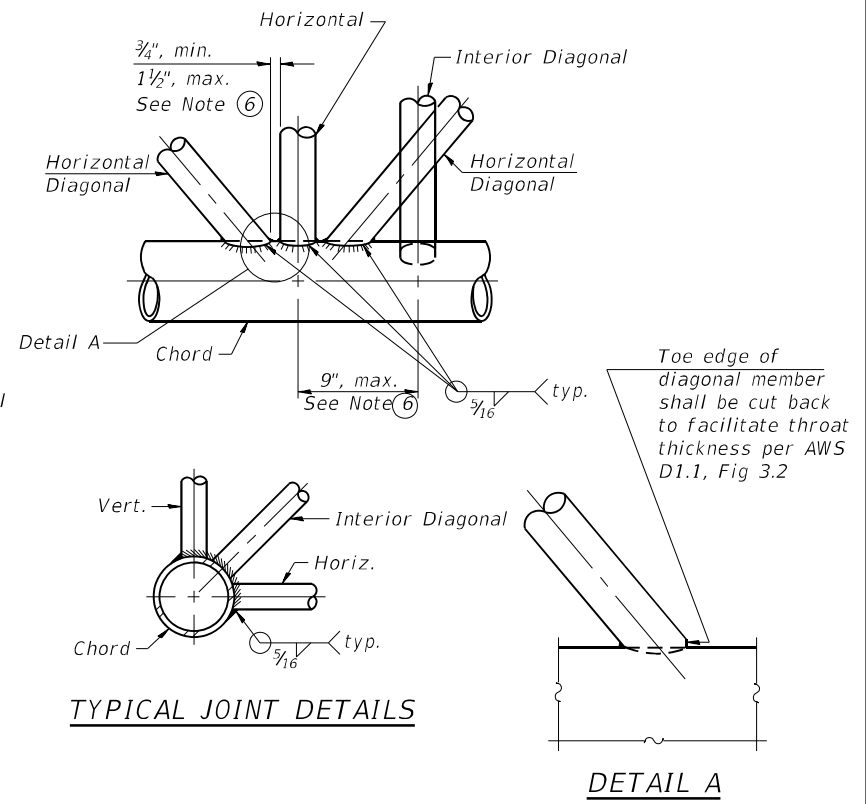
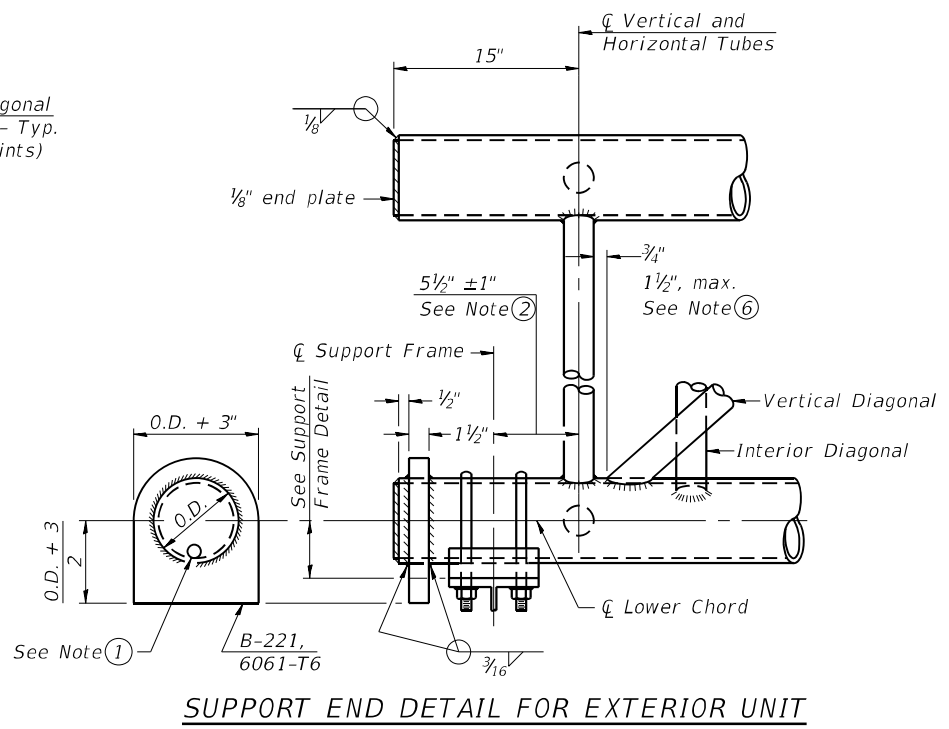
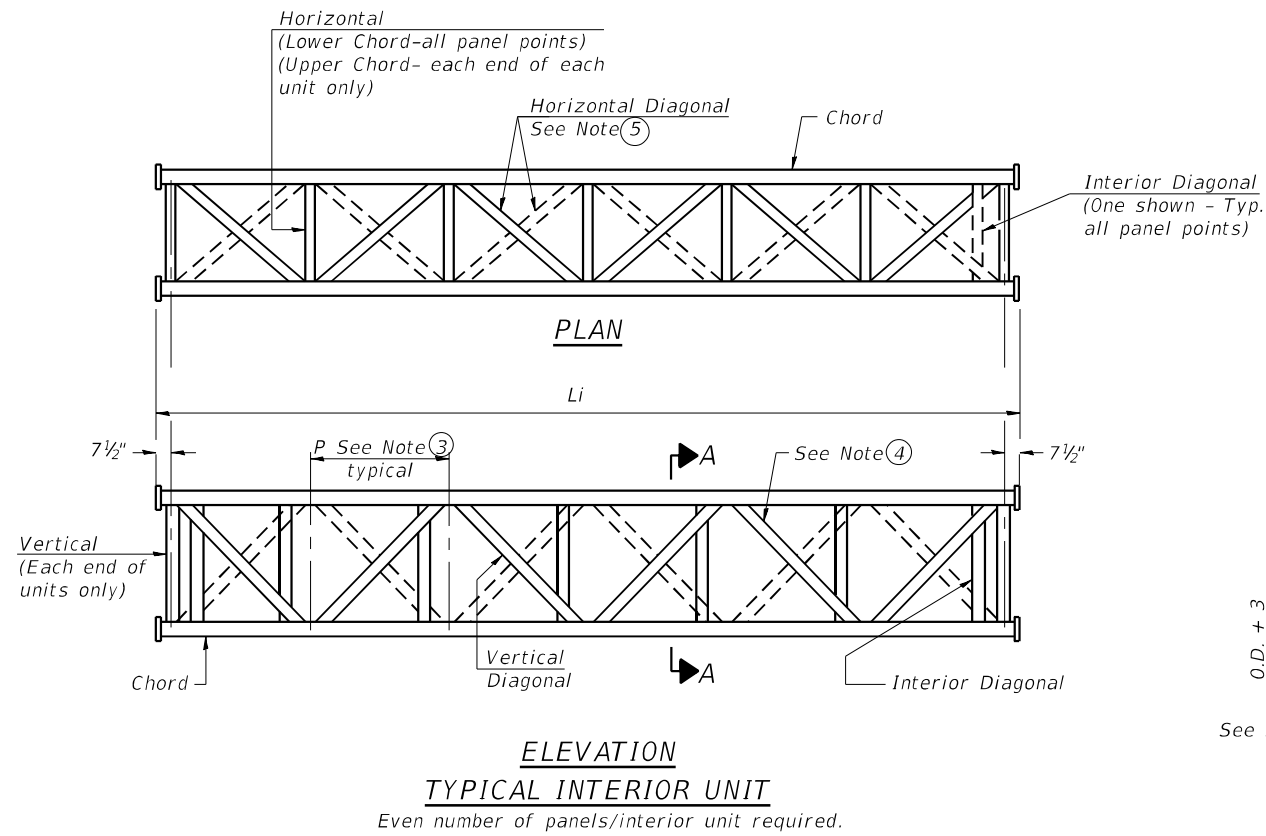
**PROPOSED SIGNING PLANS
 SIGN PANEL DETAILS**

SCALE: 1"=5' SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(15X)RC & 5RS	WINNEBAGO	564	241
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)

MODEL: Default
 FILE NAME: pw:\benedsch-pw-01\Documents\108000\01\Eng_Docs\CAD_Sheets\Sign_Structures (Quigg)\Kishwaukee\Span_Sign_Structures\D264R72-SHT-002-Span_Truss_Details



- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2" Ø drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ② 5 1/2" end dimension may vary by ±1" to provide uniform panel spacing (P).
- ③ Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A or 4'-0" and 5'-6" for Types II-A and III-A.
- ④ Vertical Diagonals in front and back face shall alternate.
- ⑤ Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- ⑥ All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a 3/4" minimum to 1 1/2" maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

05-A-2

2-17-2017



USER NAME = ZDavidson	DESIGNED - ZLD	REVISED -
D264R72-SHT-002-Span Truss Details	CHECKED - DRB	REVISED -
PLOT SCALE = 0.1667' / in.	DRAWN - ZLD	REVISED -
PLOT DATE = 9/3/2025	CHECKED - DRB	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS
DETAILS FOR TRUSS TYPES I-A, II-A AND III-A**

SHEET 2 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	243
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64R72	

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
v4(E)	24	#9	F less 5"	—
#4 bar spiral (E) - see Side Elevation				

NOTES:

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

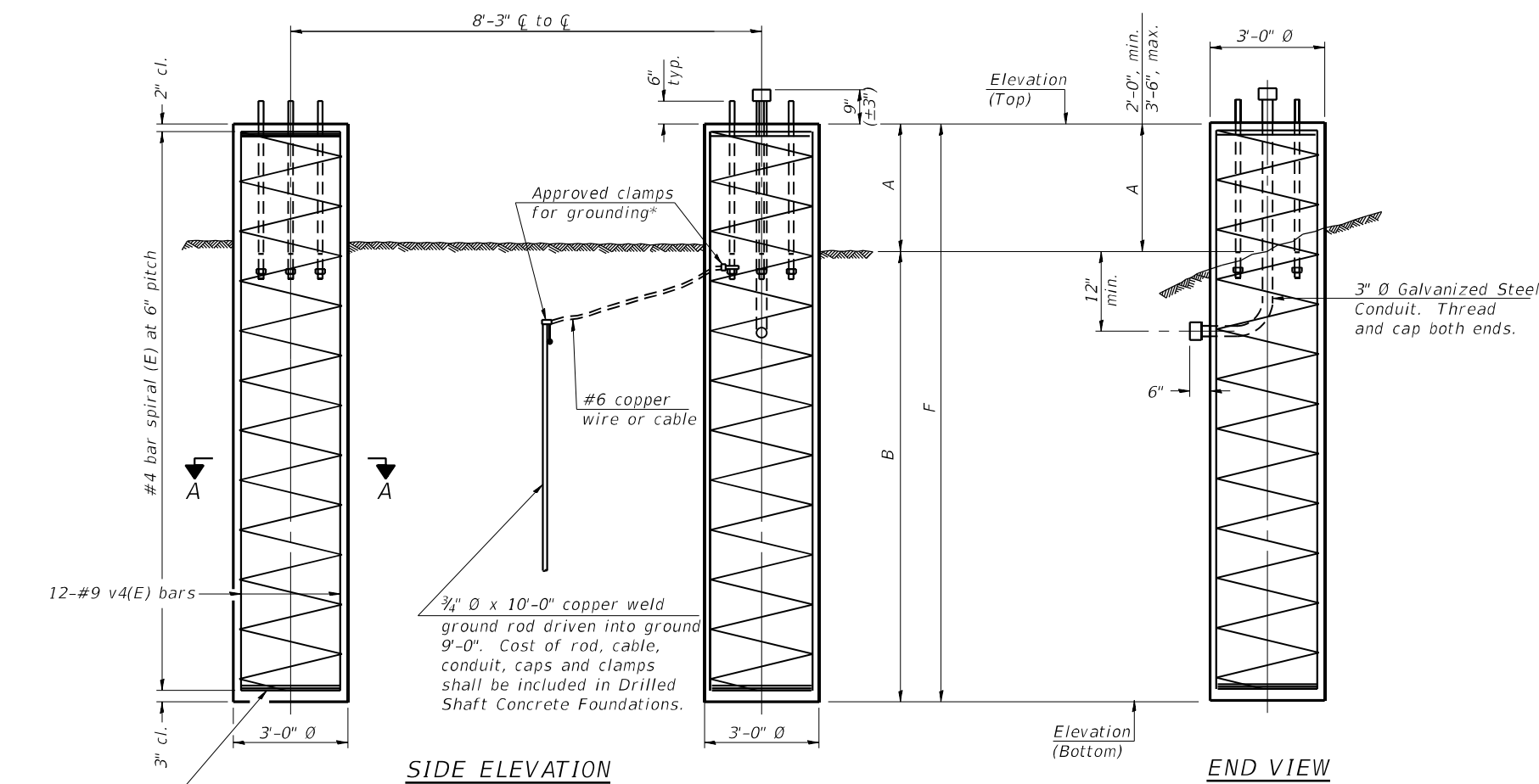
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.



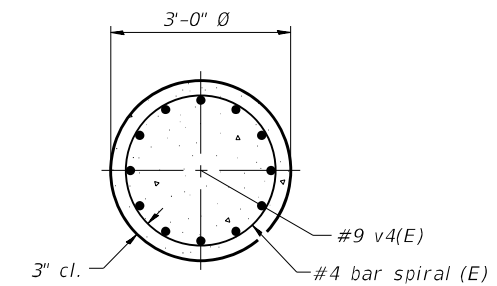
SIDE ELEVATION

END VIEW

3 hoops minimum top and bottom

Approved clamps for grounding*
#6 copper wire or cable
3/4" Ø x 10'-0" copper weld ground rod driven into ground 9'-0". Cost of rod, cable, conduit, caps and clamps shall be included in Drilled Shaft Concrete Foundations.

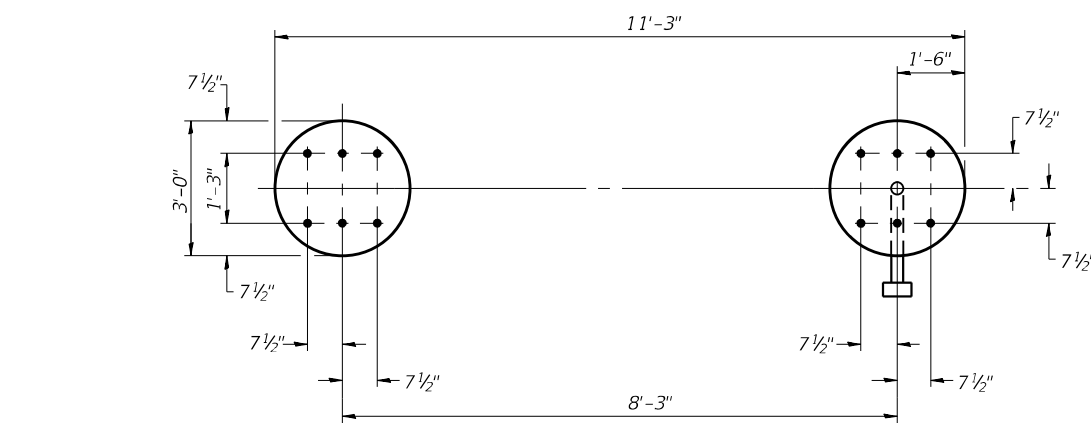
3" Ø Galvanized Steel Conduit. Thread and cap both ends.



SECTION A-A

For anchor rod size and placement, see Support Frame Detail Sheet.

* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.



PLAN

**DETAILS FOR 10" Ø SUPPORT FRAME
TYPE I-A or II-A TRUSS**

Structure Number	Station	Left Foundation					Right Foundation					Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	A	B	F	Elevation Top	Elevation Bottom	A	B	F	
2S101U020L025.5	1348+75	-	-	-	-	-	737.34	716.34	3'-6"	17'-6"	21'-0"	11.0

054-F3

2-17-2017



USER NAME = ZDavidson	DESIGNED - ZLD	REVISED -
D264R72-SHT-007-Span 10in Pipe Drilled Shaft	CHECKED - DRB	REVISED -
PLOT SCALE = 0.1667' / in.	DRAWN - ZLD	REVISED -
PLOT DATE = 9/3/2025	CHECKED - DRB	REVISED -

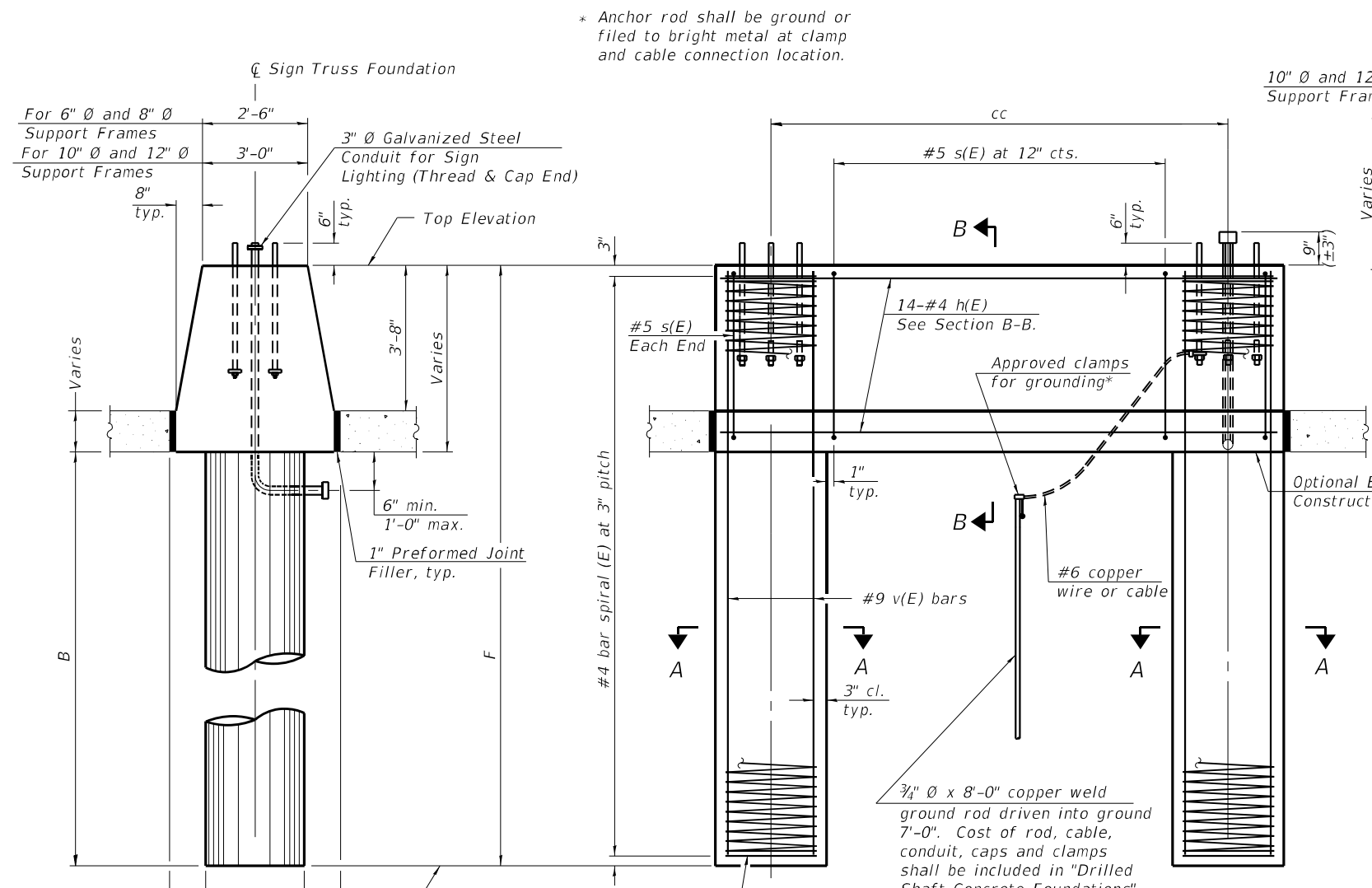
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES
DRILLED SHAFT DETAILS**

SHEET 7 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	248
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64R72	

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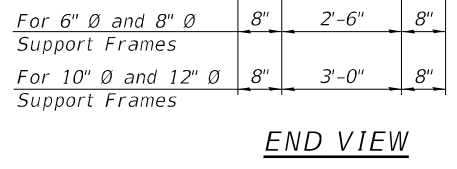
NOTES:
 The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Q_u) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.
 If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.
 No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.
 Concrete shall be placed monolithically, without construction joints.
 Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.
 A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.

BAR LIST - EACH FOUNDATION

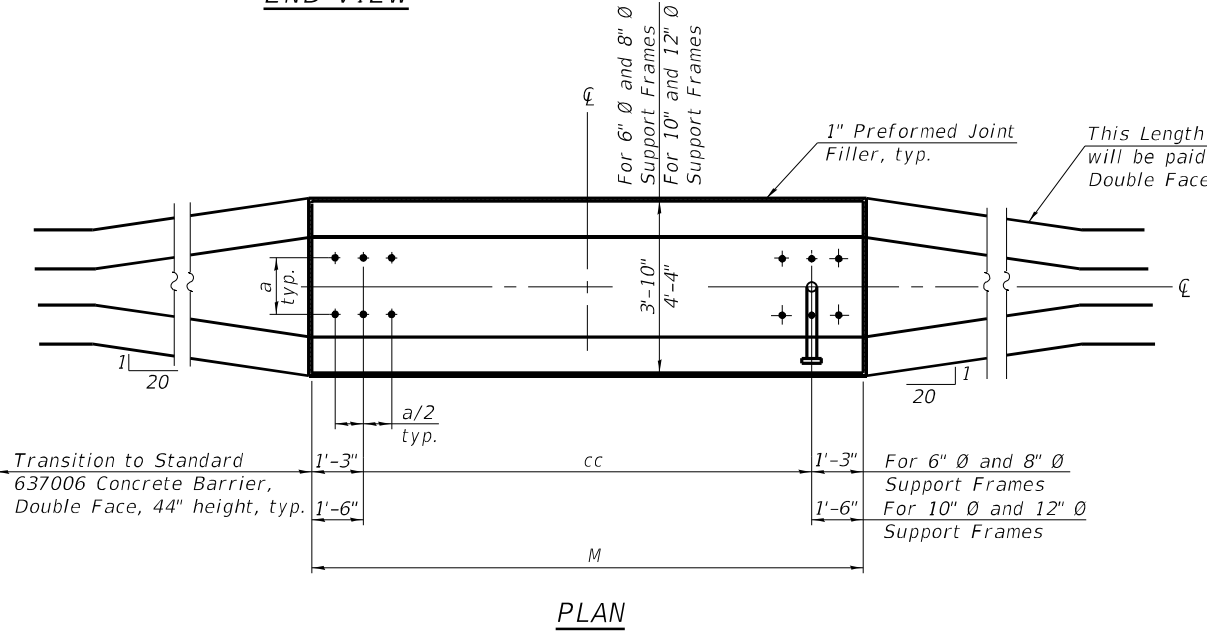
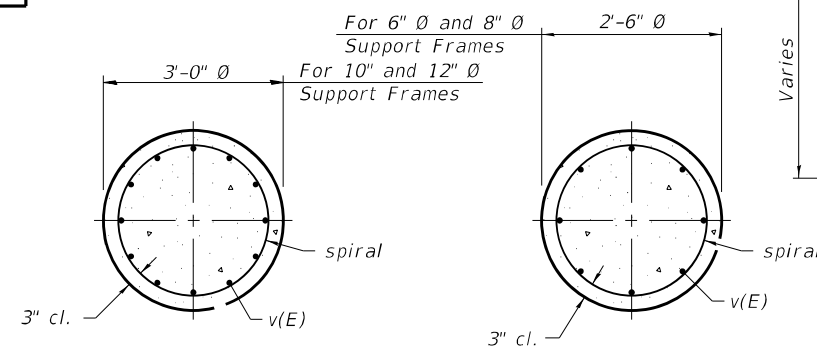
Bar	Number	Size	Length	Shape
h(E)	14	#4	M less 4"	—
s(E)	Varies	#5	Varies	□
v(E)	16	#9	F less 0'-5"	—
v(E)	24	#9	F less 0'-5"	—

#4(E) bar spiral. See Side Elevation

Pipe Support Frames	cc	M	a	a/2
6" Ø	7'-0"	9'-6"	0'-11"	5 1/2"
8" Ø	7'-6"	10'-0"	1'-1 1/2"	6 3/4"
10" Ø	8'-3"	11'-3"	1'-3"	7 1/2"
12" Ø	9'-0"	12'-0"	1'-6"	9"



SIDE ELEVATION
 Concrete Foundation poured monolithically with no construction joint.



Structure Number	Station	Left Foundation				Right Foundation				Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	B	F	Elevation Top	Elevation Bottom	B	F	
2S101U020L025.5	1348+75	742.68	719.33	17'-6"	23'-4 1/4"	-	-	-	-	18.8

054-MED 4-1-2020



USER NAME = ZDavidson	DESIGNED - ZLD	REVISED -
D264R72-SHT-008-Span Median Drilled Shaft	CHECKED - DRB	REVISED -
PLOT SCALE = 0.1667' / in.	DRAWN - ZLD	REVISED -
PLOT DATE = 9/3/2025	CHECKED - DRB	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
 MEDIAN SUPPORT FOUNDATION DETAILS

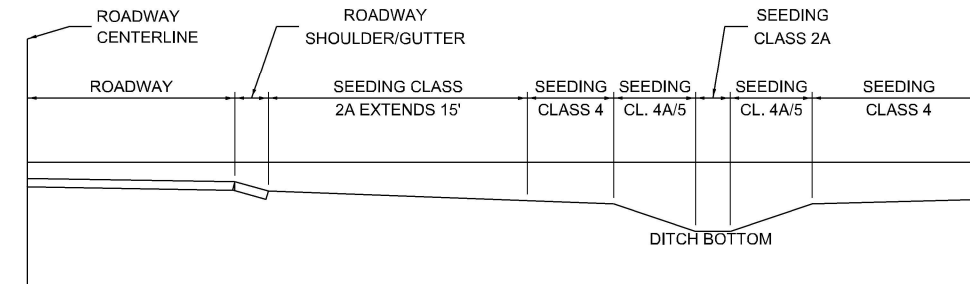
SHEET 8 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	249
CONTRACT NO. 64R72			ILLINOIS FED. AID PROJECT	

LANDSCAPING GENERAL NOTES

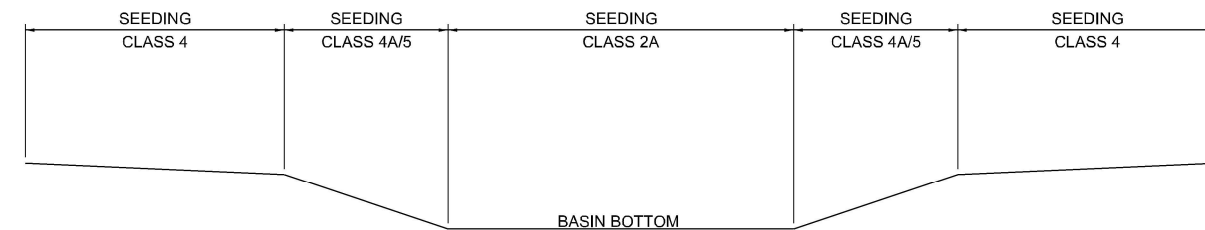
1. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANTS MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
2. THE SEEDING DATES FOR BARE EARTH SEEDING SHALL BE FROM MAY 15 TO JUNE 30 AND OCTOBER 15 TO DECEMBER 1, ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATES SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER, FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT THEIR OWN EXPENSE.
3. TURF REINFORCEMENT MAT WILL BE PLACED ON SLOPES 3:1 AND GREATER. MULCH WILL BE PLACED ON SLOPES LESS THAN 3:1.
4. SEE EROSION AND SEDIMENT CONTROL AND DRAINAGE PLANS FOR MORE INFORMATION ON EROSION CONTROL BLANKETS AND TURF REINFORCEMENT MATS LOCATED ON SLOPES STEEPER THAN 3:1 AND ALONG DTICH LINES.
5. ALL EROSION CONTROL BLANKET AND TURF REINFORCEMENT MAT WILL BE PLACED AS SHOWN IN THE EROSION AND SEDIMENT CONTROL PLANS AND WILL REMAIN IN PLACE EVEN IF PLACED DURING A TEMPORARY STAGE.

TYPICAL ROADSIDE DITCH SEEDING CROSS SECTION



*FOR DITCHES THAT FALL WITHIN THE 15' OFFSET FROM THE ROADWAY, THE ENTIRE DITCH WILL BE CLASS 2A INCLUDING THE SIDESLOPES AND DITCH BOTTOMS. IN AREAS WHERE ONLY A PORTION OF THE DITCH FALLS WITHIN THE 15' OFFSET FROM THE ROADWAY, ONLY THE FORESLOPE AND DITCH BOTTOM WILL BE CLASS 2A, WHILE THE BACKSLOPE WILL BE CLASS 4A/5 SEEDING. FOR ANY AREAS WHERE THE SLOPE IS GREATER THAN 3:1, CLASS 4 SEEDING WILL BE USED REGARDLESS OF THE PROXIMITY TO THE ROADWAY OR LOCATION WITHIN A DITCHES.

TYPICAL RETENTION BASIN SEEDING CROSS SECTION



MODEL: L:\General Notes (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\projects\184742\KISH LS GENERAL NOTES.dgn



USER NAME = jworthington	DESIGNED - KAH	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - KAH	REVISED -
PLOT DATE = 9/2/2025	CHECKED - RJB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

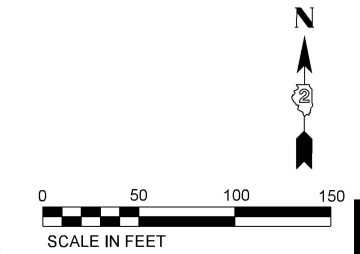
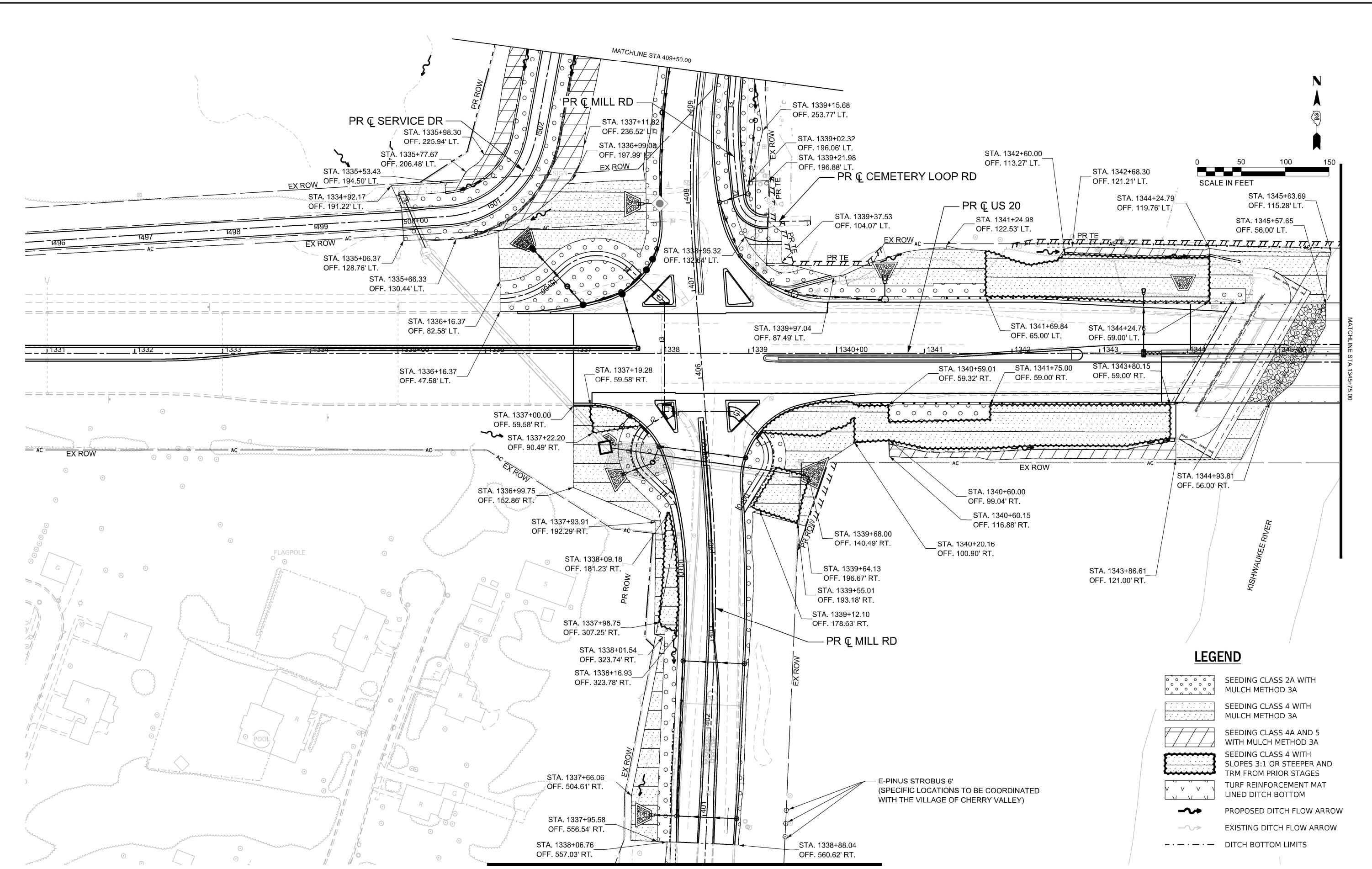
LANDSCAPING PLANS
GENERAL NOTES

SCALE: NO SCALE SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC	WINNEBAGO	564	251
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

* FAI ROUTE 39 (I-39) & FAP 301 (US 20) *

MODEL: Plan 1 - US 20 (Sheet)
 FILE NAME: c:\pwworkdir\benesch_projects\project\us20\184742\KISH KEG LS.dgn



LEGEND

	SEEDING CLASS 2A WITH MULCH METHOD 3A
	SEEDING CLASS 4 WITH MULCH METHOD 3A
	SEEDING CLASS 4A AND 5 WITH MULCH METHOD 3A
	SEEDING CLASS 4 WITH SLOPES 3:1 OR STEEPER AND TRM FROM PRIOR STAGES
	TURF REINFORCEMENT MAT LINED DITCH BOTTOM
	PROPOSED DITCH FLOW ARROW
	EXISTING DITCH FLOW ARROW
	DITCH BOTTOM LIMITS

E-PINUS STROBUS 6'
 (SPECIFIC LOCATIONS TO BE COORDINATED WITH THE VILLAGE OF CHERRY VALLEY)

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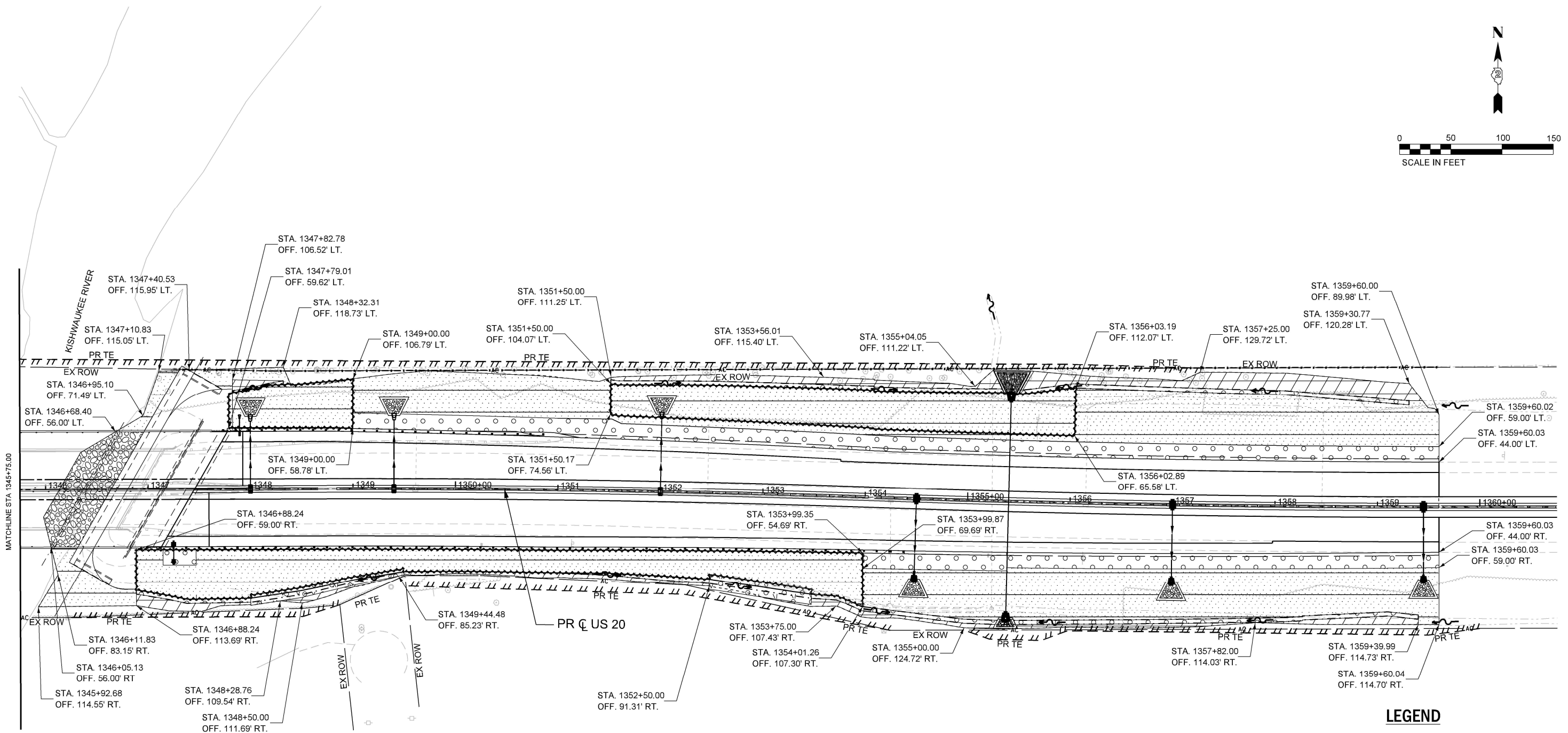
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

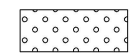

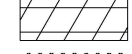
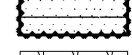
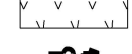

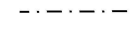
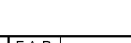
**LANDSCAPING PLANS
 US 20**

SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. A 1330+75.00 TO STA. A 1345+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	252
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



LEGEND

-  SEEDING CLASS 2A WITH MULCH METHOD 3A
-  SEEDING CLASS 4 WITH MULCH METHOD 3A
-  SEEDING CLASS 4A AND 5 WITH MULCH METHOD 3A
-  SEEDING CLASS 4 WITH SLOPES 3:1 OR STEEPER AND TRM FROM PRIOR STAGES
-  TURF REINFORCEMENT MAT LINED DITCH BOTTOM
-  PROPOSED DITCH FLOW ARROW
-  EXISTING DITCH FLOW ARROW
-  DITCH BOTTOM LIMITS

MODEL - Plan 2 - US 20 (Sheet)
FILE NAME - c:\pwworkdir\benesch_projects\project\184742\KISH KEG LS.dgn

Kaskaskia
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12/20/2025
20 300000

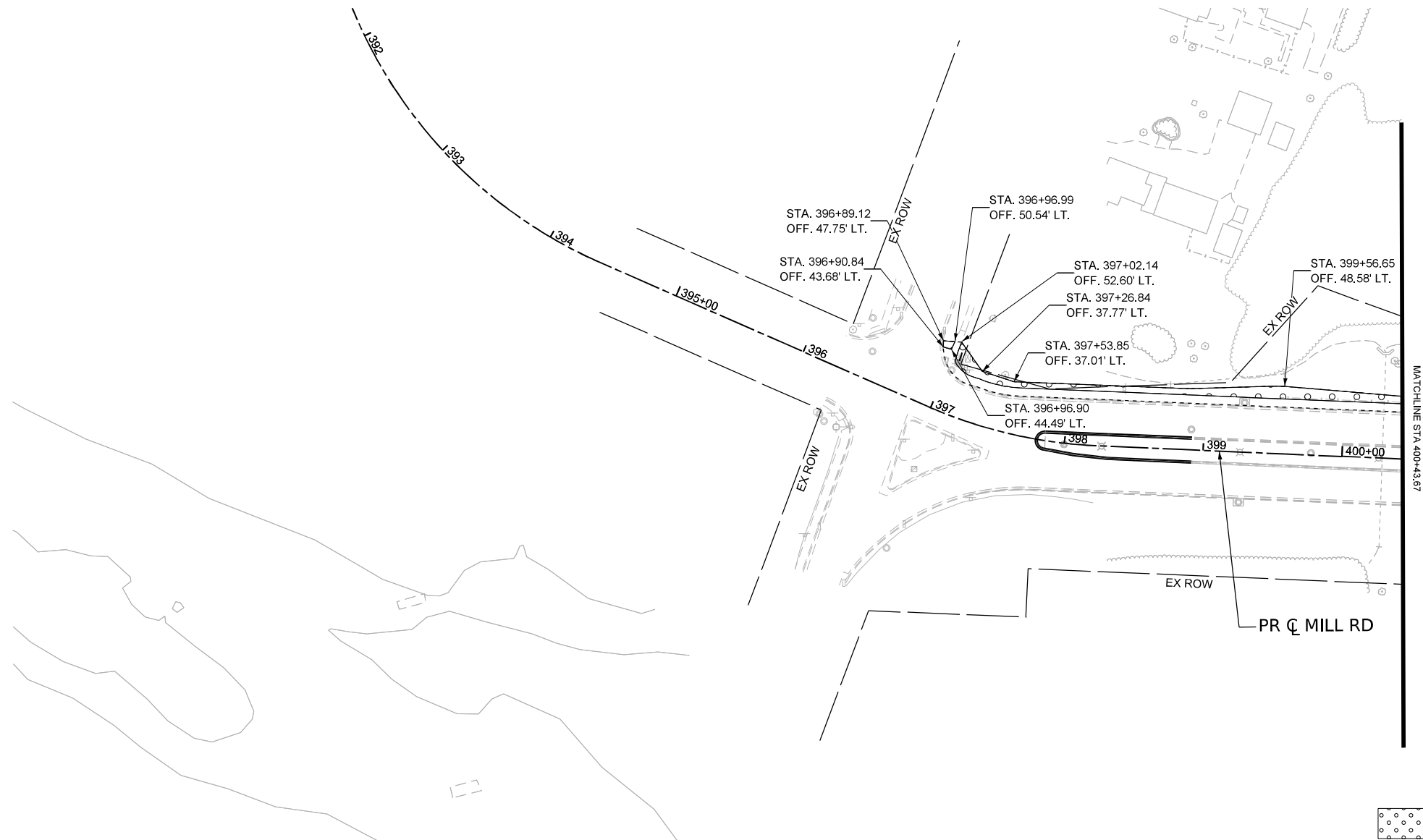
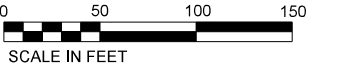
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

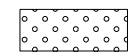

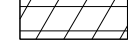
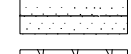
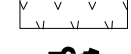

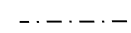

**LANDSCAPING PLANS
US 20**

SCALE: 1"=50' SHEET 3 OF 5 SHEETS STA. A 1345+75.00 TO STA. A 1360+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	253
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



LEGEND

-  SEEDING CLASS 2A WITH MULCH METHOD 3A
-  SEEDING CLASS 4 WITH MULCH METHOD 3A
-  SEEDING CLASS 4A AND 5 WITH MULCH METHOD 3A
-  SEEDING CLASS 4 WITH SLOPES 3:1 OR STEEPER AND TRM FROM PRIOR STAGES
-  TURF REINFORCEMENT MAT LINED DITCH BOTTOM
-  PROPOSED DITCH FLOW ARROW
-  EXISTING DITCH FLOW ARROW
-  DITCH BOTTOM LIMITS

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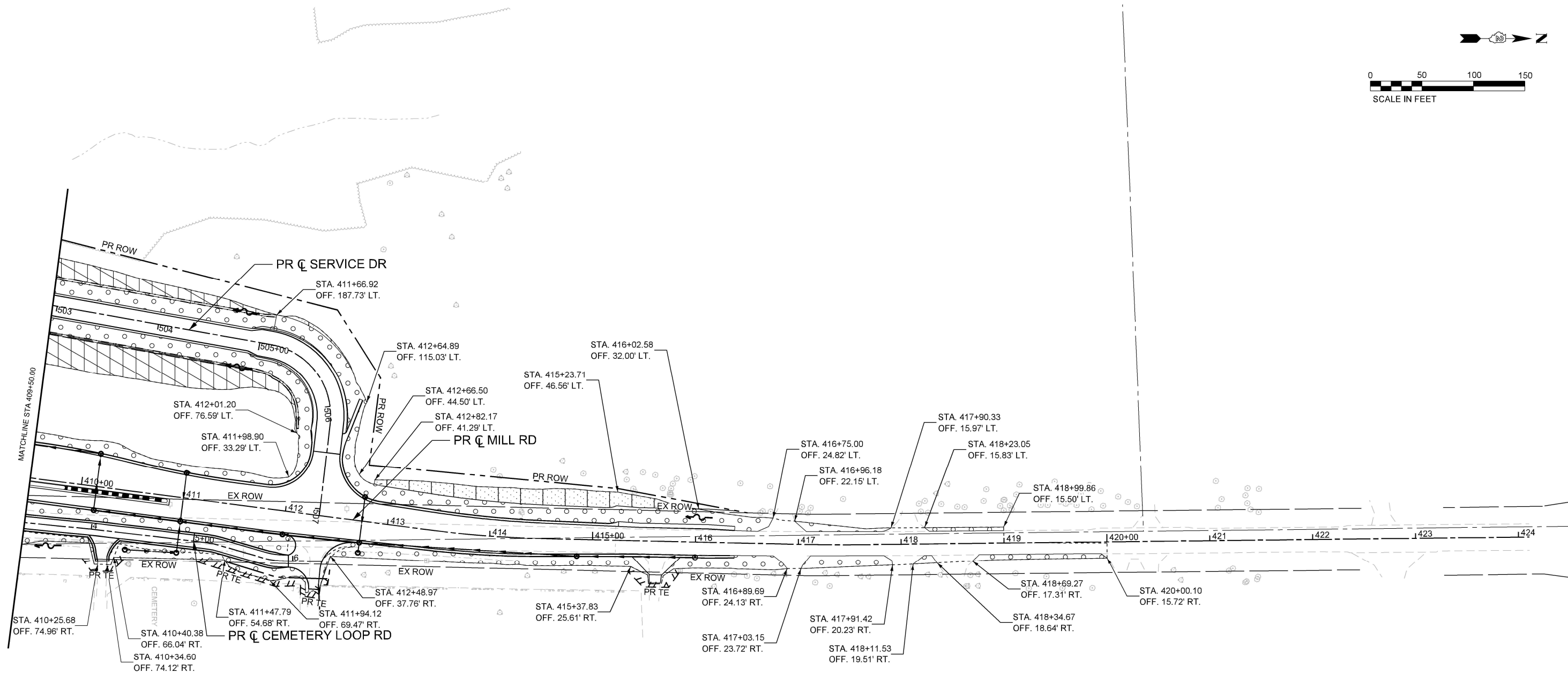
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PLOT DATE = 9/19/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS
MILL RD**

SCALE: 1"=50' SHEET 4 OF 5 SHEETS STA. 0+00.00 TO STA. 22+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	254
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 409+50.00

LEGEND

	SEEDING CLASS 2A WITH MULCH METHOD 3A
	SEEDING CLASS 4 WITH MULCH METHOD 3A
	SEEDING CLASS 4A AND 5 WITH MULCH METHOD 3A
	SEEDING CLASS 4 WITH SLOPES 3:1 OR STEEPER AND TRM FROM PRIOR STAGES
	TURF REINFORCEMENT MAT LINED DITCH BOTTOM
	PROPOSED DITCH FLOW ARROW
	EXISTING DITCH FLOW ARROW
	DITCH BOTTOM LIMITS

MODEL - Plan 3 - Mill Road (Sheet)
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USER NAME = sbrowder	DESIGNED - KAH	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - KAH	REVISED -
PLOT DATE = 9/12/2025	CHECKED - RJB	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLANS MILL RD				
SCALE: 1"=50'	SHEET 5	OF 5 SHEETS	STA. 409+50.00	TO STA. 424+10.71

F.A.P. RTE. 525	SECTION (15X)RC & 5RS	COUNTY WINNEBAGO	TOTAL SHEETS 564	SHEET NO. 255
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS	
				MILL ROAD	MILL ROAD
				0021	0021
				80% FEDERAL 20% STATE	100% LOCAL
72000100	SIGN PANEL - TYPE 1	SQ FT	69		69
80500100	SERVICE INSTALLATION,TYPE A	EACH	1		1
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	346		346
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	27		27
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	93		93
81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	170		170
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	462		462
81400100	HANDHOLE	EACH	5		5
81400300	DOUBLE HANDHOLE	EACH	3		3
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1		1
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1		1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,843		2,843
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,275		3,275
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4,039		4,039
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,800		3,800
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	41		41
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,199		1,199
87501300	TRAFFIC SIGNAL POST, 17 FT.	EACH	4		4
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1		1
87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1		1
87703050	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 64 FT.	EACH	1		1
87703080	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 68 FT.	EACH	1		1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12		12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3		3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13		13
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	67		67
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2		2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	12		12

SCHEDULE OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS	
				MILL ROAD	MILL ROAD
				0021	0021
				80% FEDERAL 20% STATE	100% LOCAL
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2		2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2		2
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8		8
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	10		10
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	14		14
X0325839	SIGNAL TIMING	L SUM	1		1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	9		9
X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	6		6
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1		1
X8891202	WIDE AREA VIDEO VEHICLE DETECTION SYSTEM COMPLETE	EACH	1		1
Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1		1

TEMPORARY TRAFFIC SIGNALS	
MILL ROAD	MILL ROAD
0021	0021

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TEMPORARY TRAFFIC SIGNALS	
				80% FEDERAL 20% STATE	100% LOCAL
X8900020	MAINTENANCE OF EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	0
X8900030	REMOVE EXISTING TEMPORARY TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	0
X8900040	MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	0
X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	13	13	0

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12/20/2025

USER NAME = arodriguez	DESIGNED - RJO	REVISED -
	DRAWN - RJO	REVISED -
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PLOT DATE = 11/7/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
TRAFFIC SIGNAL SCHEDULE - US 20**

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	256
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF POST & FOUNDATION QUANTITIES

REF.	LOCATION	TYPE	FOUNDATION TYPE	FOUNDATION DEPTH	STATION	OFFSET
US ROUTE 20 (HARRISON AVENUE) & MILL ROAD						
TSP-4	NORTHWEST QUADRANT	TS POST A 17	CONC FDN TY A	3.0 FT	1337+65.75	85.74' LT
MA-4	NORTHWEST QUADRANT	STL COMB MAA&P 64	CONC FDN TY E 42D	21.0 FT.	1338+07.14	65.64' LT
MA-3	SOUTHWEST QUADRANT	STL COMB MAA&P 68	CONC FDN TY E 42D	25.0 FT.	1337+85.57	99.72' RT
TSP-3	SOUTHWEST QUADRANT	TS POST A 17	CONC FDN TY A	3.0 FT	1338+11.29	73.73' RT
MA-2	SOUTHEAST QUADRANT	STL COMB MAA&P 62	CONC FDN TY E 42D	21.0 FT.	1338+90.27	62.28' RT
TSP-2	SOUTHEAST QUADRANT	TS POST A 17	CONC FDN TY A	3.0 FT	1339+11.60	101.83' RT
MA-1	NORTHEAST QUADRANT	STL COMB MAA&P 42	CONC FDN TY E 36D	13.0 FT.	1338+81.84	61.82' LT
TSP-1	NORTHEAST QUADRANT	TS POST A 17	CONC FDN TY A	3.0 FT	1339+21.11	89.30' LT
SERVICE	NORTHEAST QUADRANT	GROUND MOUNT	EXISTING		1339+32.73	90.70' LT

SCHEDULE OF POST & FOUNDATION QUANTITIES

REF.	LOCATION	TYPE	FOUNDATION TYPE	FOUNDATION DEPTH	STATION	OFFSET
US ROUTE 20 (HARRISON AVENUE) & MILL ROAD						
APS-9	SOUTHEAST QUADRANT	MOUNTED ON TSP-2			1339+11.60	101.83' RT
APS-8	SOUTHEAST QUADRANT	ONE PUSH BUTTON	CONCRETE	2.5 FT	1338+87.69	77.45' RT
APS-7	SOUTHEAST QUADRANT	ONE PUSH BUTTON	CONCRETE	2.5 FT	1338+78.49	60.34' RT
APS-6	NORTHWEST QUADRANT	MOUNTED ON TSP-4			1337+65.75	85.74' LT
APS-5	NORTHWEST QUADRANT	ONE PUSH BUTTON	CONCRETE	2.5 FT	1337+99.50	71.23' LT
APS-4	NORTHWEST QUADRANT	ONE PUSH BUTTON	CONCRETE	2.5 FT	1338+09.80	58.78' LT
APS-3	SOUTHWEST QUADRANT	ONE PUSH BUTTON	CONCRETE	2.5 FT	1337+84.81	92.20' RT
APS-2	SOUTHWEST QUADRANT	ONE PUSH BUTTON	CONCRETE	2.5 FT	1338+00.71	61.67' RT
APS-1	SOUTHWEST QUADRANT	MOUNTED ON TSP-3			1338+11.29	73.73' RT

SCHEDULE OF POST & FOUNDATION QUANTITIES

REF.	LOCATION	TYPE	FOUNDATION TYPE	FOUNDATION DEPTH	STATION	OFFSET
US ROUTE 20 (HARRISON AVENUE) & MILL ROAD						
CONTR	NORTHEAST QUADRANT	FAC T4 CAB	CONC FDN TY C	3.0 FT	1339+60.00	93.00' LT

SCHEDULE OF HANDHOLE QUANTITIES

REFERENCE	LOCATION	TYPE	STATION	OFFSET
US ROUTE 20 (HARRISON AVENUE) & MILL ROAD				
HH-8	NORTHWEST QUADRANT	HANDHOLE	1337+55.00	80.00' LT
HH-7	NORTHWEST QUADRANT	HANDHOLE	1337+88.52	59.78' LT
HH-5	SOUTHWEST QUADRANT	HANDHOLE	1337+70.00	78.27' RT
HH-4	SOUTHWEST QUADRANT	HANDHOLE	1338+12.73	79.30' RT
DHH-3	SOUTHEAST QUADRANT	DOUBLE HANDHOLE	1338+81.60	80.28' RT
HH-6	SOUTHEAST QUADRANT	HANDHOLE	1339+22.00	83.29' RT
DHH-2	NORTHEAST QUADRANT	DOUBLE HANDHOLE	1338+89.21	67.77' LT
DHH-1	NORTHEAST QUADRANT	DOUBLE HANDHOLE	1339+54.00	93.00' LT

SCHEDULE OF SIGNAL HEAD QUANTITIES

QTY.	UNIT	ITEM	SIGNAL #
US ROUTE 20 (HARRISON AVENUE) & MILL ROAD			
2	EACH	SH P LED 1F 3S BM	4, 18
12	EACH	SH P LED 1F 3S MAM	2, 3, 7, 8, 9, 10, 15, 16, 20, 21, 22, 23
2	EACH	SH P LED 1F 4S BM	11, 24
2	EACH	SH P LED 1F 4S MAM	1, 14
8	EACH	SH P LED 1F 5S BM	5, 6, 12, 13, 17, 19, 25, 26
10	EACH	PED, SH, P, LED, 1F, BM CT	PH-1, PH-2, PH-3, PH-4, PH-5, PH-6, PH-7, PH-8, PH-9, PH-10
14	EACH	TS BACKPLATE	1, 2, 3, 7, 8, 9, 10, 14, 15, 16, 20, 21, 22, 23

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Professional Engineering Group

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PLOT SCALE = \$\$SCALE\$	DRAWN - RJO	REVISED -
PLOT DATE = 11/25/2025	CHECKED - EJL	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

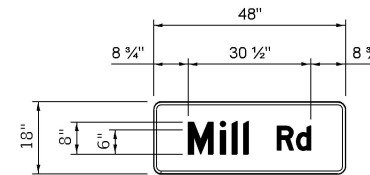
**TRAFFIC SIGNAL PLANS
TRAFFIC SIGNAL SCHEDULE - US 20**

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	257
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

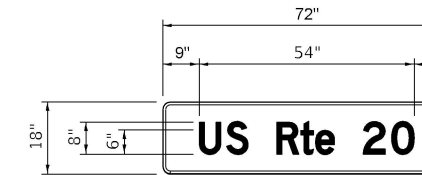
ELECTRICAL GENERAL NOTES

- ALL SIGNAL HEADS SHALL HAVE 12" SECTIONS. SIDE OF POLE MOUNTING HARDWARE SHALL BE YELLOW POLYCARBONATE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PAST COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE CONNECTIONS.
- BACKPLATES SHALL BE ABS PLASTIC, POLYCARBONATE, LOUVERED FORMED BACKPLATES WITH FLUORESCENT YELLOW SHEETING.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTION, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 A.W.G. SOLID COPPER UNLESS OTHERWISE SPECIFIED.
- ALL HANDHOLE'S SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JAN. 1, 2022, SECTION 814, ARTICLE 814.03). THE CAST-IN-PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS. HANDHOLE LIDS SHALL OPEN SO THAT YOU ARE FACING THE ROAD.
- GROUND WIRES SHALL BE TYPE XLP, NO. 6 A.W.G., STRANDED COPPER, GREEN COLOR CODED AND IN ACCORDANCE WITH IDOT STANDARD PLAN 873001 AND SECTION 873 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JAN. 1, 2022.
- PROPOSED CONTROLLER EQUIPMENT SHALL BE COMPATIBLE WITH EXISTING DISTRICT MOBOTREX TRAFFIC SIGNAL EQUIPMENT MONITORING EQUIPMENT AND SOFTWARE.
- CONDUIT SPLICES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED PART OF THE NEW CONDUIT INSTALLATION.
- THE LOCATION OF SIGNAL HEADS ON MAST ARMS SHALL BE APPROVED BY THE ENGINEER BEFORE MAST ARMS ARE INSTALLED.
- HDPE COILABLE CONDUIT MEETING REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JAN. 1, 2022, SECTION 810 MAY BE SUBSTITUTED FOR PVC CONDUITS.
- ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANHOLES AND JUNCTION BOXES WILL NOT BE ALLOWED.
- ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE POLYCARBONATE YELLOW HOUSING AND POLYCARBONATE BRACKETS.
- THE ELEVATION OF THE TOP OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE TOP OF THE CONTROLLER FOUNDATION. THE DOUBLE HANHOLES INSTALLED CLOSE TO THE ROADWAY SHALL OPEN UP TOWARDS THE ROADWAY SO THE ELECTRICAL MAINTAINER IS NOT EXPOSED TO TRAFFIC WHEN WORKING.
- ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS TRAFFIC SIGNAL INSTALLATIONS.
- THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS HAVE BEEN LOCATED AT THE TIME OF SURVEY, OR BASED ON AVAILABLE EXISTING INFORMATION. NO GUARANTEE IS IMPLIED THAT ALL UTILITIES HAVE BEEN LOCATED OR DEPICTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL UTILITIES. IT MAY BE NECESSARY TO HAND DIG TEST HOLES TO EXPOSE EXISTING UTILITIES AT SOME LOCATIONS.
- SIGN SHEETING FOR MAST ARM SIGNS SHALL BE TYPE ZZ SHEETING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING & PROPOSED FACILITIES.



A
FURNISH & INSTALL TWO (2) EACH SIGN
DETAIL OF
SIGN PANEL - TYPE 1
(NOT TO SCALE)

COLOR	LEGEND AND BORDER	WHITE	REFLECTORIZED
	BACKGROUND	GREEN	REFLECTORIZED
SERIES	D 2000		
SIZE	8/6		



B
FURNISH & INSTALL TWO (2) EACH SIGN
DETAIL OF
SIGN PANEL - TYPE 1
(NOT TO SCALE)

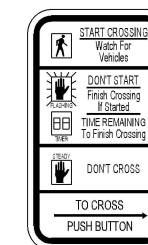
COLOR	LEGEND AND BORDER	WHITE	REFLECTORIZED
	BACKGROUND	GREEN	REFLECTORIZED
SERIES	D 2000		
SIZE	8/6		



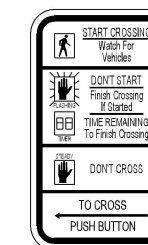
R10-12a
30" X 36"
C
FURNISH & INSTALL TWO (2) EACH SIGN
DETAIL OF
SIGN PANEL - TYPE 1
(NOT TO SCALE)



R10-5
30" X 36"
D
FURNISH & INSTALL FOUR (4) EACH SIGN
DETAIL OF
SIGN PANEL - TYPE 1
(NOT TO SCALE)



R10-3e
9" x 15"
E
FURNISH & INSTALL FOUR
(4) EACH SIGN



R10-3e
9" x 15"
F
FURNISH & INSTALL FIVE
(5) EACH SIGN

DETAIL OF
SIGN PANEL - TYPE 1
(NOT TO SCALE)

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
GENERAL NOTES AND SIGNS - US 20**

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	258
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

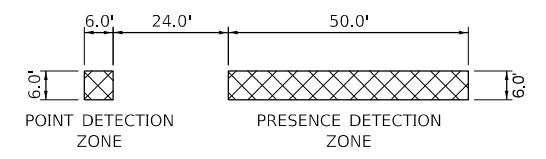
MODEL: TS_GN-Detail (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\project\0198106\0264R72-KISH-sh1-TS.dgn

Kaskaskia
Engineering Group, LLC
Professional Engineering Firm
1100 Professional Office Park
Professional Engineering Group
30-308096

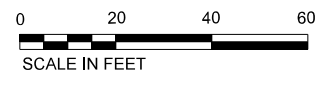
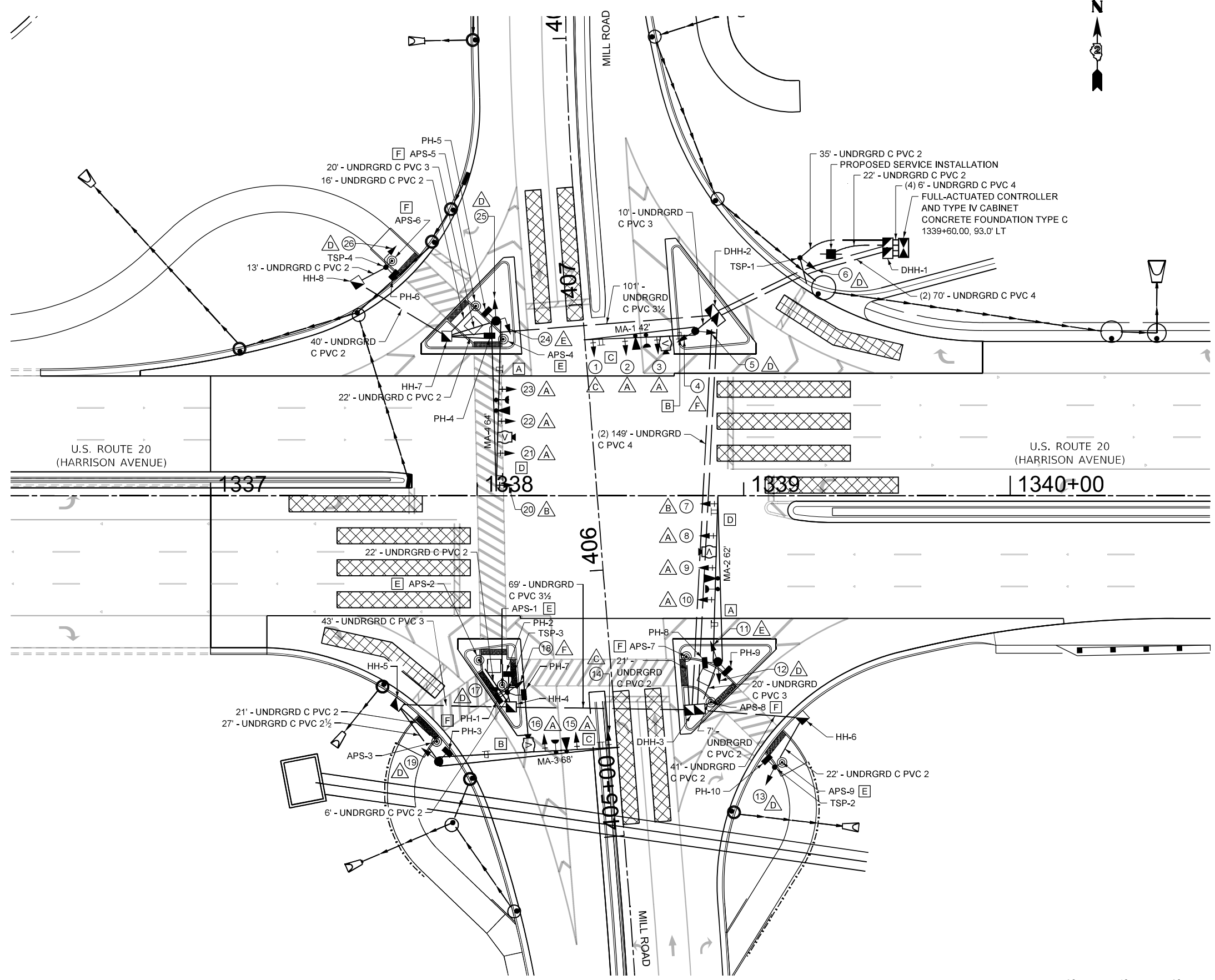
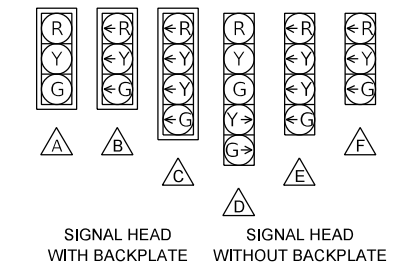
USER NAME = jMajcher	DESIGNED - RJO	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - RJO	REVISED -
PLOT DATE = 11/25/2025	CHECKED - EJL	REVISED -
	DATE -	REVISED -

TRAFFIC SIGNAL LEGEND

- PROPOSED
- SIGNAL HEAD WITH BACKPLATE
 - SIGNAL HEAD WITHOUT BACKPLATE
 - ◻ HANDHOLE, PCC
 - ◻ DOUBLE HANDHOLE, PCC
 - ◻ JUNCTION BOX
 - CONDUIT
 - COMBINATION MAST ARM (LENGTH SPECIFIED)
 - TRAFFIC SIGNAL POST
 - SERVICE POLE
 - ◻ CONTROLLER WITH CONCRETE FOUNDATION
 - ◻ TRAFFIC SIGNAL VIDEO DETECTOR SYSTEM
 - ◻ TRAFFIC SIGNAL PEDESTRIAN SIGNAL HEAD
 - ⊙ TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON - (APS) ACCESSIBLE PEDESTRIAN PUSH-BUTTON
 - SIGN
 - ⚡ EMERGENCY VEHICLE PREEMPTION DETECTOR AND BEACON



TYPICAL LAYOUT
PROPOSED VIDEO DETECTION ZONE



NOTE:
FOR COMBINATION LIGHTING AT THE INTERSECTION,
SEE LIGHTING PLANS FOR LUMINAIRES AND CABLING
TO TRAFFIC SIGNAL CONTROLLER.

INSTALLATION OF THE LIGHTING UNIT DUCT AND THE TRAFFIC SIGNAL
CONDUIT SHALL BE COORDINATED AND INSTALLED IN A COMMON
TRENCH WHERE APPLICABLE.

MODEL: TS 1 - TS 1 (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\projects\0199106\0264R72-KISH-sht-TS.dgn

Kaskaskia
Engineering Group, LLC
Professional Engineering Company

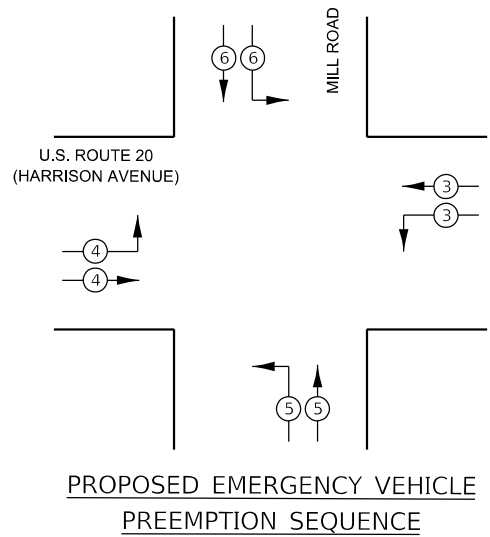
USER NAME = jMajcher	DESIGNED - RJO	REVISED -
DRAWN - RJO	REVISIONS -	
CHECKED - EJL	REVISIONS -	
DATE - 11/25/2025	REVISIONS -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

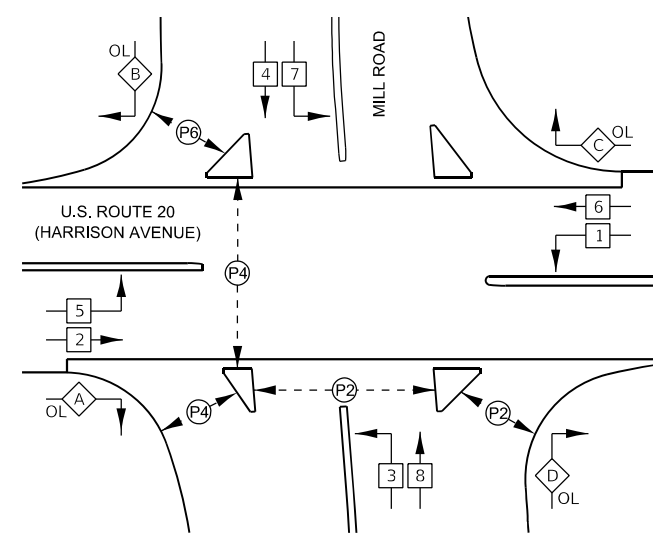
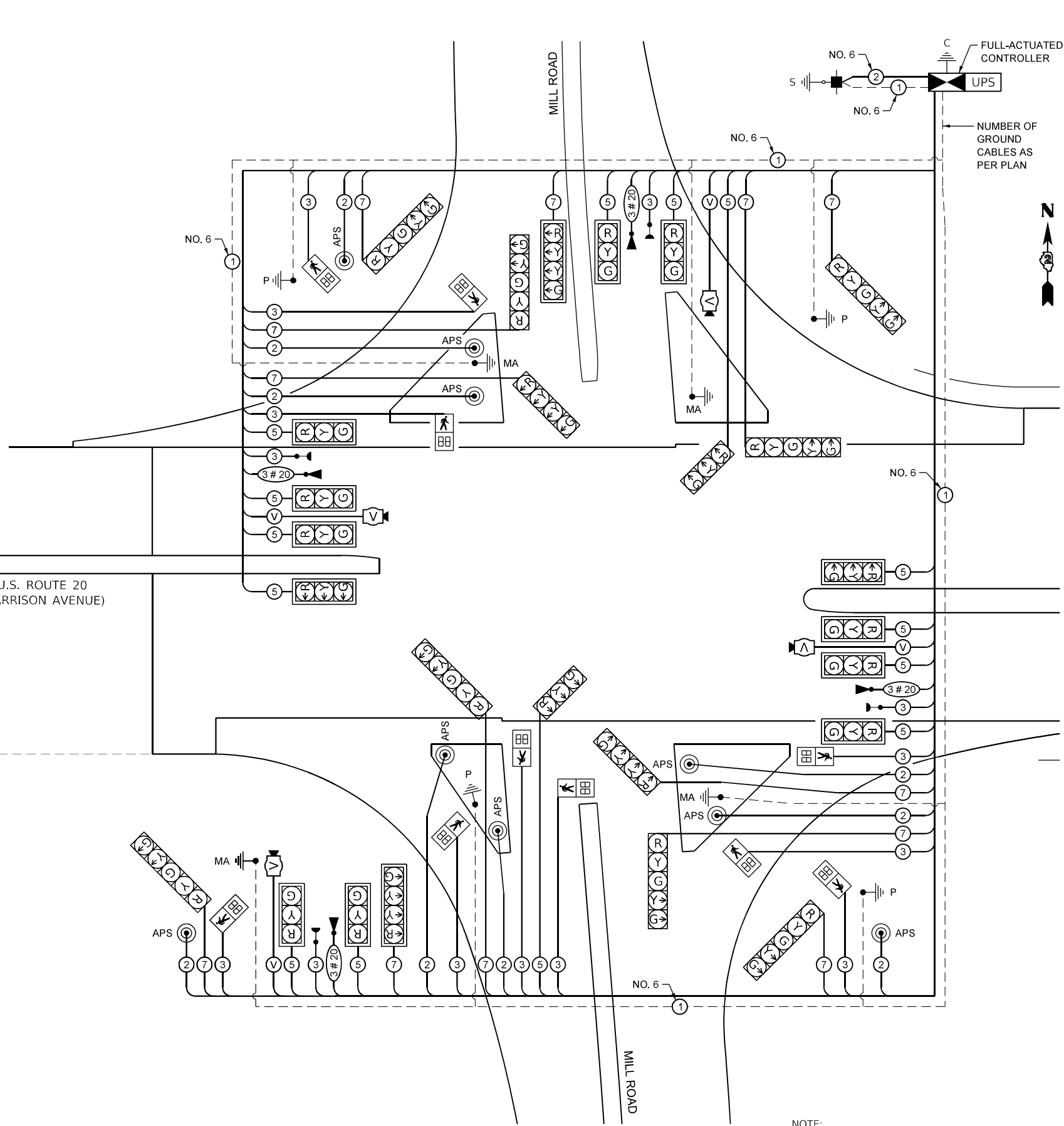
**TRAFFIC SIGNAL PLANS
TRAFFIC SIGNAL PLAN - US 20**

SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	259
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTORS	3	4	5	6
MOVEMENT				



← 2 → VEHICULAR MOVEMENT
NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	=	PERMISSIVE PHASE	+	PROTECTED PHASE
A	=	2	+	3
B	=	4	+	5
C	=	6	+	7
D	=	8	+	1

PROPOSED TRAFFIC SIGNAL LEGEND (SHEET DETAILS)

- 5 ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
- SIGNAL FACE WITH BACKPLATE
- SIGNAL FACE WITHOUT BACKPLATE
- DIRECTIONAL SIGNAL SECTION
- SIGNAL SECTION 12"
- WALK/DON'T WALK SECTION + COUNT DOWN
- GROUND WIRE (POLE)
- GROUND WIRE (MAST ARM)
- PROPOSED TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON - (APS) ACCESSIBLE PEDESTRIAN PUSH-BUTTON
- VIDEO DETECTION CAMERA
- COAXIAL CABLE
- UNINTERRUPTIBLE POWER SUPPLY
- CONTROLLER
- TRAFFIC SIGNAL SERVICE INSTALL
- EMERGENCY VEHICLE PREEMPTION DETECTOR AND BEACON

NOTE:
FOR COMBINATION LIGHTING AT THE INTERSECTION,
SEE LIGHTING PLANS FOR LUMINAIRES AND CABLING
TO TRAFFIC SIGNAL CONTROLLER.

MODEL: TS 1 - TS 1-1 (Sheet)
FILE NAME: c:\pwworking\benesch_projects\projects\0199106\0264R72-KISH-shit-TS.dgn



USER NAME = jMajcher	DESIGNED - RJO	REVISED -
DRAWN - RJO	REVISOR -	
CHECKED - EJL	REVISOR -	
DATE - 11/25/2025	REVISOR -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

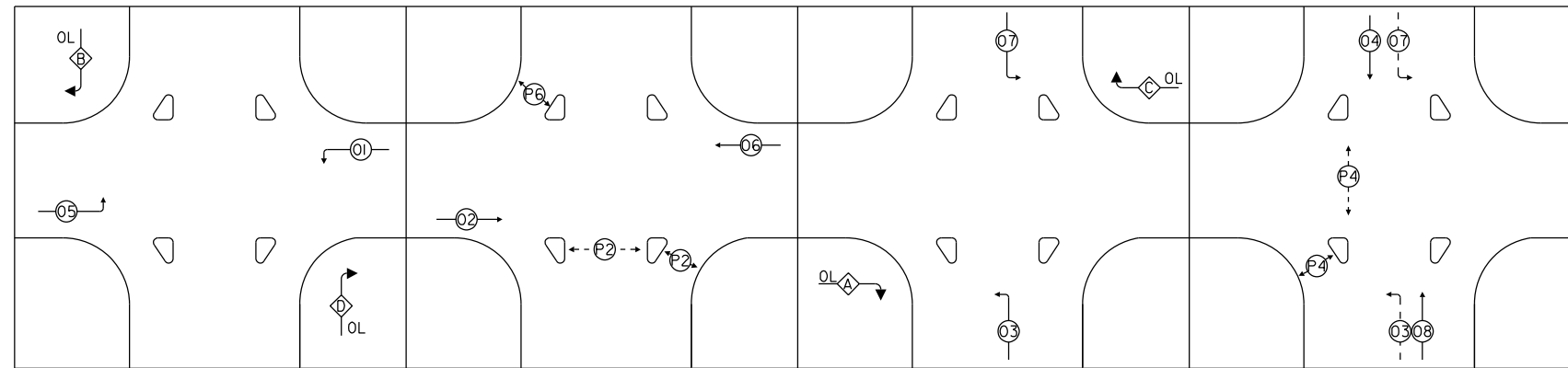
**TRAFFIC SIGNAL PLANS
CABLE PLAN - US 20**

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	260
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

US RTE 20 (HARRISON AVENUE) AND MILL ROAD

PHASE SEQUENCE CHART



LEGEND:

- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8	9	10	11	12
MINIMUM GREEN	3	15	3	8	3	15	3	8				
PASSAGE	3	7	3	4	3	7	3	4				
MAXIMUM I	15	60	15	50	15	60	15	50				
YELLOW CHANGE	3.5	4	3.5	4	3.5	4	3.5	4				
RED CLEARANCE	1	2	1	2	1	2	1	2				
RECALL MODE	OFF	MIN	OFF	OFF	OFF	MIN	OFF	OFF				
WALK		7		7		7						
FLASH DW		53		43		53						
ACTUATED CYCLE LENGTH = 120												

NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. REFER TO TRAFFIC SIGNAL CABLE PLANS FOR PROPOSED CONTROLLER SEQUENCE

MODEL: Traffic Signal Timing - Mill Rd - 1 [Sheet]
FILE NAME: c:\pwword\benesch_projects\projects\40235664\2264R72-KISH-sht-Proposed-Signal-Timing-1.dgn



USER NAME = jworthington
PLOT SCALE = \$\$SCALE\$
PLOT DATE = 9/19/2025

DESIGNED - A. RODRIGUEZ
DRAWN - A. RODRIGUEZ
CHECKED - J. JUSSEL
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

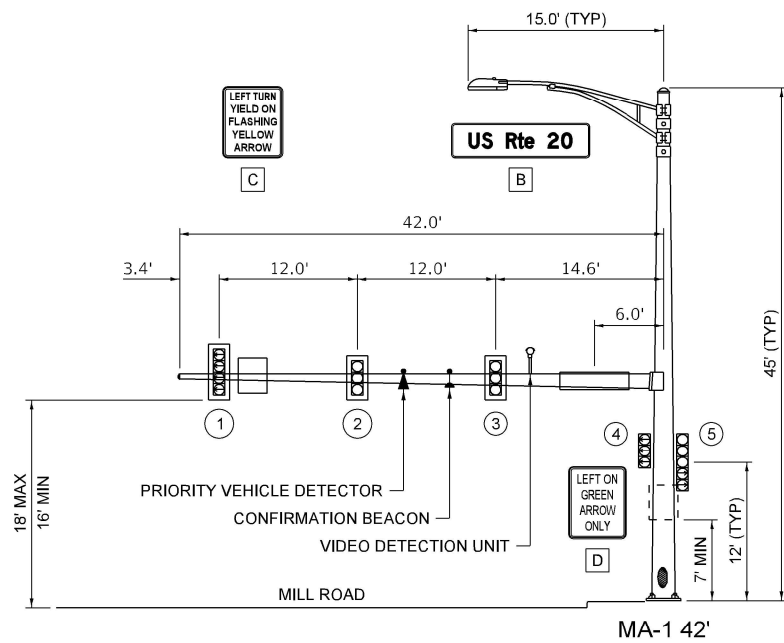
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
PHASE DESIGNATION AND SIGNAL TIMINGS

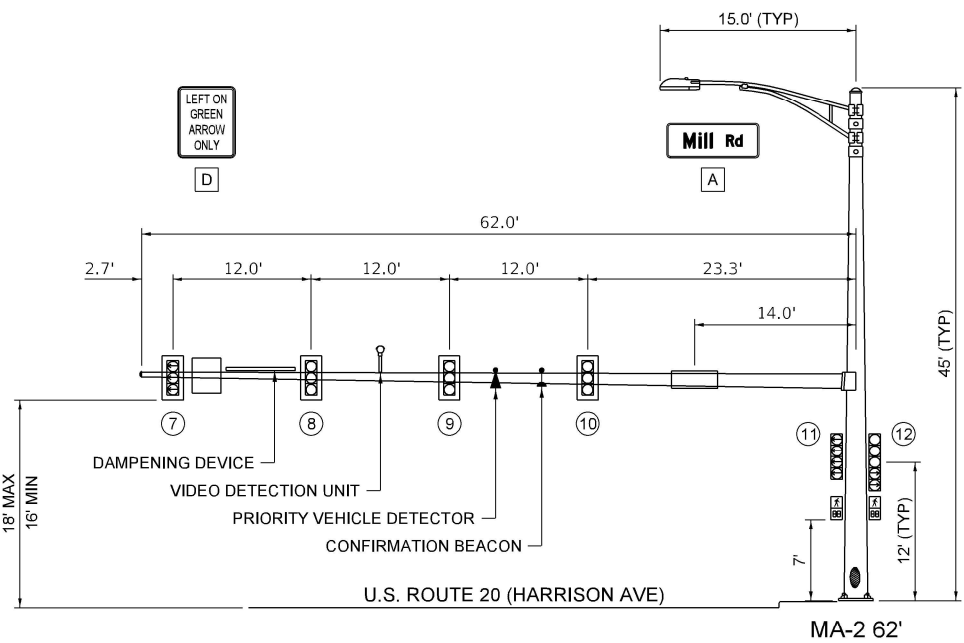
SCALE: 1"=20'

SHEET 6 OF 7 SHEETS STA. TO STA.

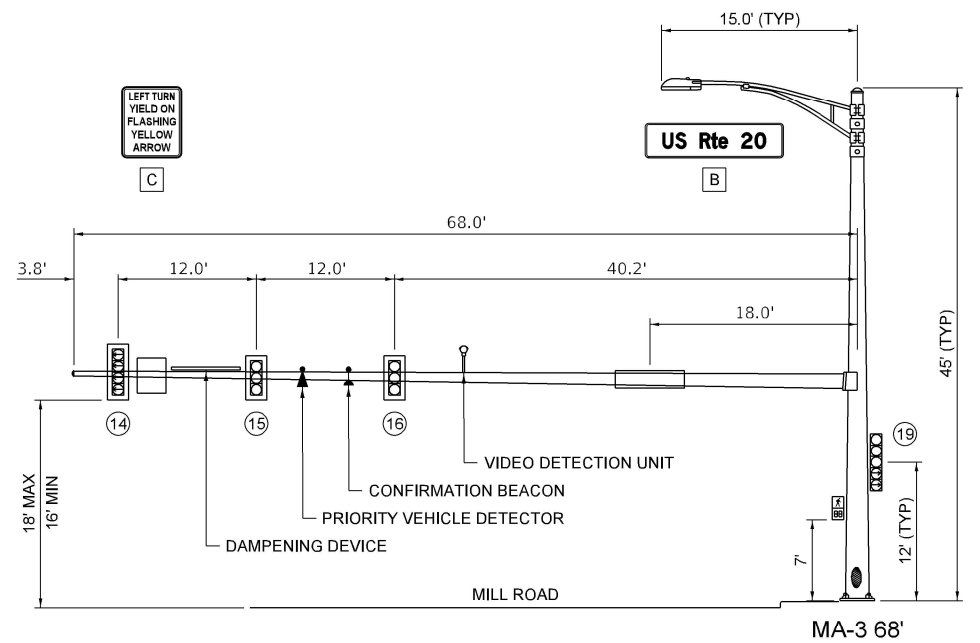
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	261
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



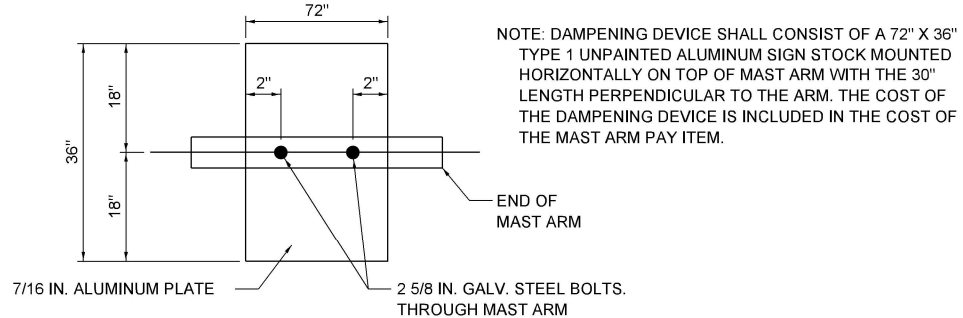
NORTHBOUND TRAFFIC SIGNAL
U.S. ROUTE 20 (HARRISON AVE) AND MILL ROAD



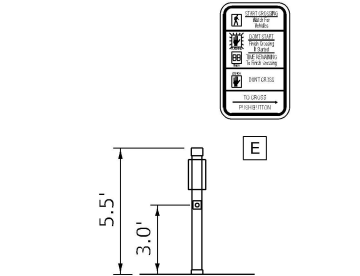
EASTBOUND TRAFFIC SIGNAL
U.S. ROUTE 20 (HARRISON AVE) AND MILL ROAD



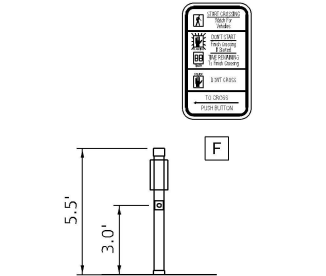
SOUTHBOUND TRAFFIC SIGNAL
U.S. ROUTE 20 (HARRISON AVE) AND MILL ROAD



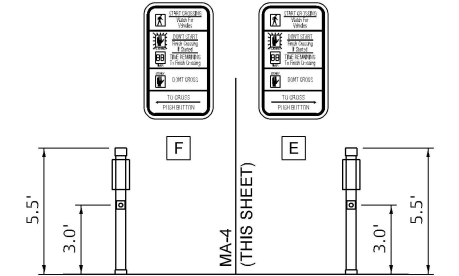
DAMPENING PLATE DETAIL
(TOP VIEW) INCIDENTAL TO MAST ARM QUANTITY
NOT TO SCALE



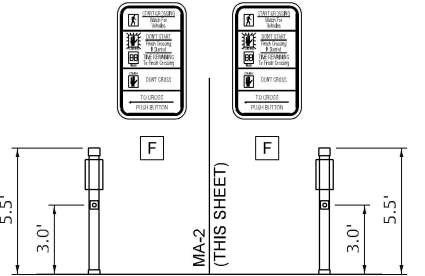
APS-2
SOUTHWEST QUADRANT ISLAND



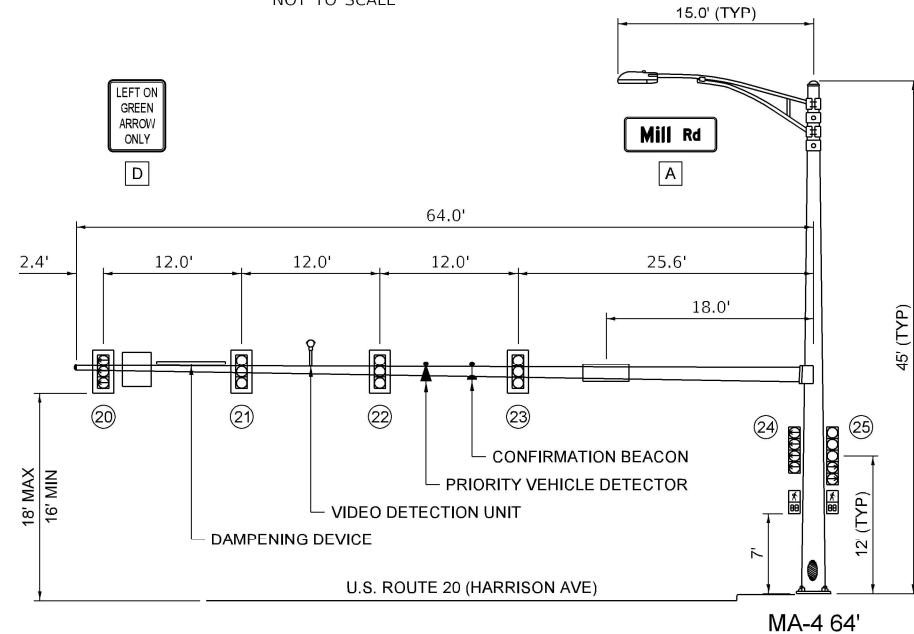
APS-3
SOUTHWEST QUADRANT



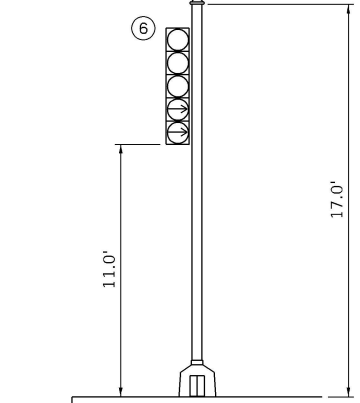
APS-5
NORTHWEST QUADRANT ISLAND



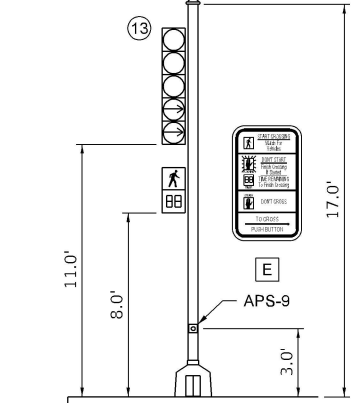
APS-7
SOUTHEAST QUADRANT ISLAND



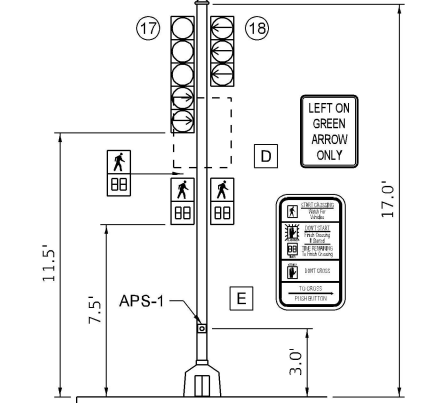
WESTBOUND TRAFFIC SIGNAL
U.S. ROUTE 20 (HARRISON AVE) AND MILL ROAD



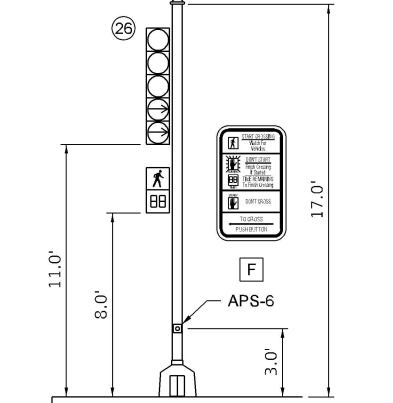
TSP-1
NORTHEAST QUADRANT
U.S. ROUTE 20 (HARRISON AVE) AND MILL ROAD



TSP-2
SOUTHEAST QUADRANT
U.S. ROUTE 20 (HARRISON AVE) AND MILL ROAD



TSP-3
SOUTHWEST QUADRANT
U.S. ROUTE 20 (HARRISON AVE) AND MILL ROAD



TSP-4
NORTHWEST QUADRANT
U.S. ROUTE 20 (HARRISON AVE) AND MILL ROAD

MODEL - TS Mast Arm Details (Sheet)
FILE NAME - c:\pwworkdir\benesch_projects\projects\0198106\0264R72-KISH-sh1-TS.dgn



USER NAME = jMajcher	DESIGNED - RJO	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - RJO	REVISED -
PLOT DATE = 11/25/2025	CHECKED - EJL	REVISED -
	DATE -	REVISED -




















STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

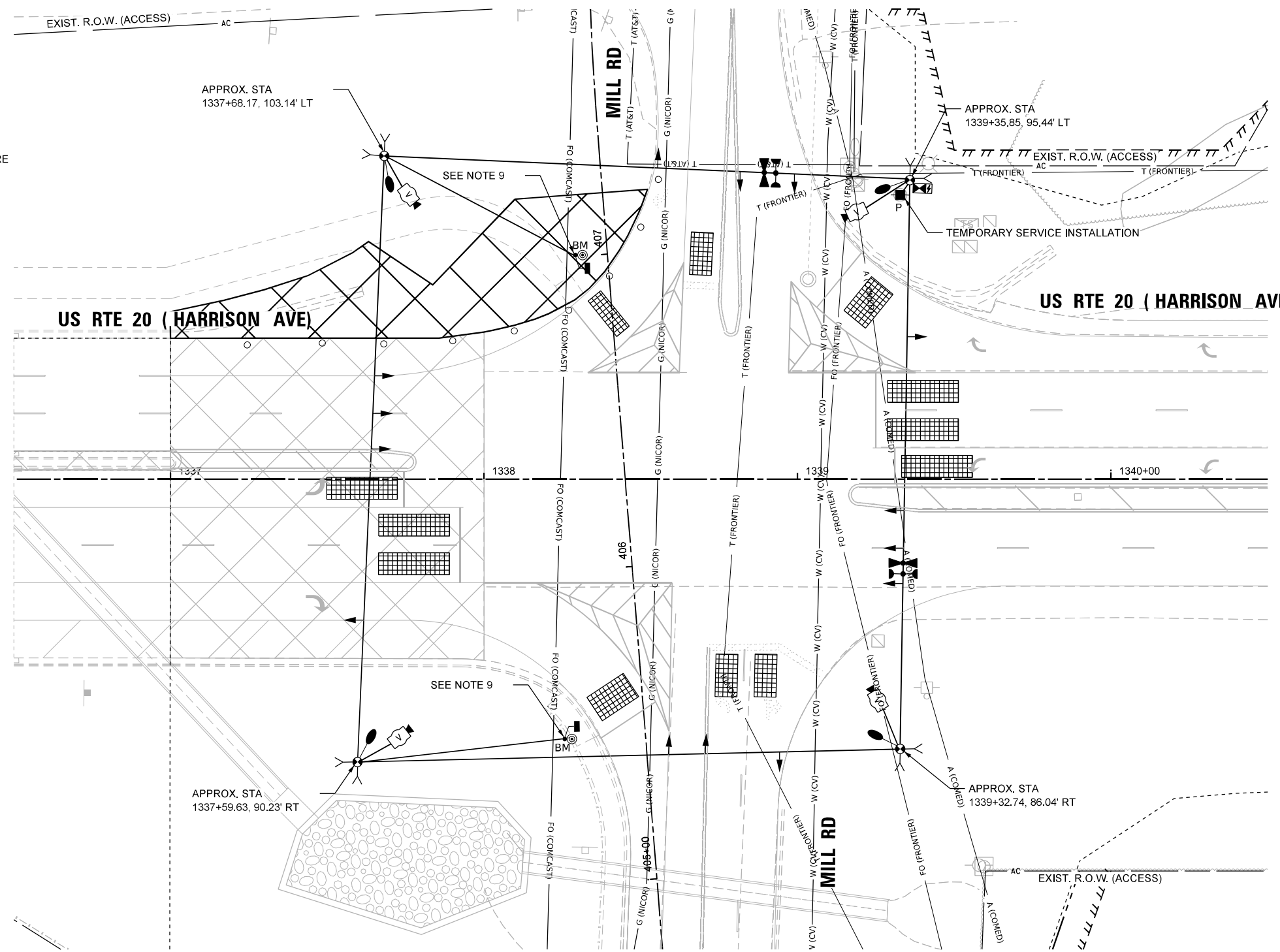
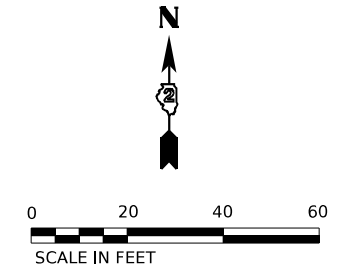
TRAFFIC SIGNAL PLANS
MAST ARM AND SIGNAL POST DETAILS - US 20

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	262
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

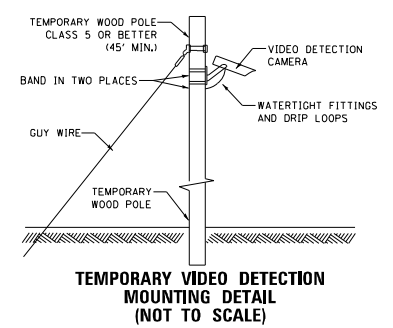
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY SIGNAL CONTROLLER
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY SIGNAL HEAD
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY VIDEO DETECTION CAMERA
-  TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
-  TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
-  BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
-  BAG PERMISSIVE ARROW LAMPS
-  TEMPORARY BARREL MOUNTED POSTED
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  VIDEO DETECTION
-  IMPACT ATTENUATORS, TEMPORARY
-  WORK ZONE
-  COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
-  TEMPORARY PAVEMENT
-  COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



NOTES:

1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
2. CONTRACTOR TO RELOCATE (ON SPAN WIRE) NORTHBOUND, SOUTHBOUND, EASTBOUND, AND WESTBOUND TEMPORARY SIGNAL HEAD ACCORDINGLY DURING MOT LANE SHIFTING.
3. SIGNAL NETWORK AND TRAFFIC CAMERAS SHALL NOT BE DOWN FOR MORE THAN FOUR HOURS.
4. FOR THE PURPOSE OF ADVANCE DETECTION, THE CONTRACTOR SHALL ENSURE THE VERTICAL CLEARANCE OF THE EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT TO BE BETWEEN 17-18 FEET FROM THE TOP OF ROADWAY GRADE TO THE BOTTOM OF THE LOWEST PART OF THE EVP EQUIPMENT, BUT NO LESS THAN 17 FEET. CONTACT CHERRY VALLEY FIRE PROTECTION DISTRICT 815-332-5382 TO VERIFY APPROPRIATE OPERATIONS.
5. DETECTION ZONES SHALL BE DETERMINED IN THE FIELD BY A QUALIFIED SIGNAL TECHNICIAN.
6. RELOCATE EXISTING MAST ARM MOUNTED STREET NAME SIGNS TO THE TEMPORARY TRAFFIC SIGNAL SUPPORT. THIS WORK SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
7. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.
8. INACTIVE SIGNAL HEADS SHALL BE DE-ENERGIZED AND BAGGED PER PLANS
9. BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE BAGGED AND DEACTIVATED.
10. CONTACT SCOTT KULLERSTRAND - IDOT BUREAU OF OPERATIONS 815-284-5468, TWO WEEKS IN ADVANCE TO DISCUSS PROPOSED CONSTRUCTION TRAFFIC PLANS AND TO ASSIST WITH SIGNAL TIMINGS.



MODEL: PR US 70 - Mill - PreStage (Sheet)
 FILE NAME: c:\pwworkdir\benesch_projects\projects\40235684\264R72-KISH-shit-TempTs-Mill-PreStage.dgn



USER NAME =	jworington
PLOT SCALE =	\$\$\$CALE\$
PLOT DATE =	1/28/2025

DESIGNED -	A.RODRIGUEZ	REVISED -	
DRAWN -	A.RODRIGUEZ	REVISED -	
CHECKED -	G.THIESSE	REVISED -	
DATE -		REVISED -	

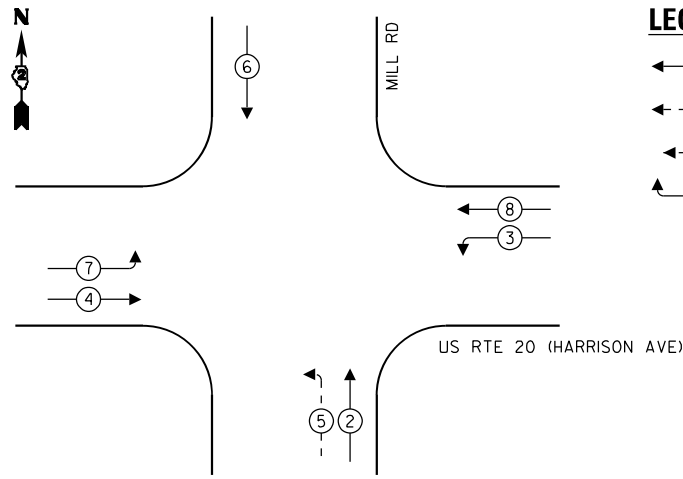
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL PLANS PRESTAGE 1 - US 20 AND MILL RD

SCALE: 1"=20' SHEET 1 OF 26 SHEETS STA. TO STA.

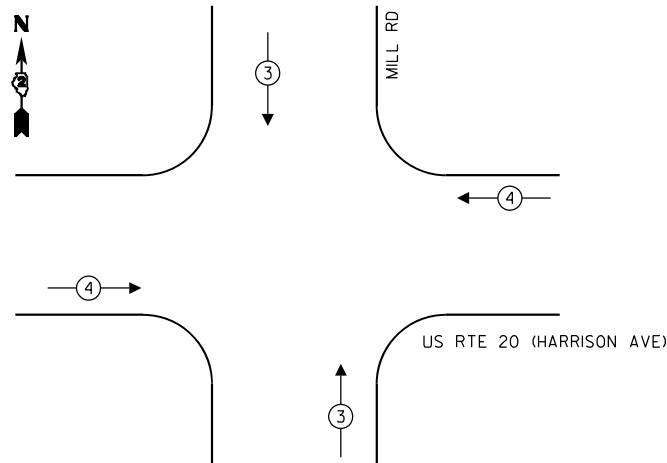
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	263
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← ⊙ → PROTECTED PHASE
 - ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
 - ← ⊙ ⊙ → PEDESTRIAN PHASE
 - ← ⊙ OL → OVERLAP

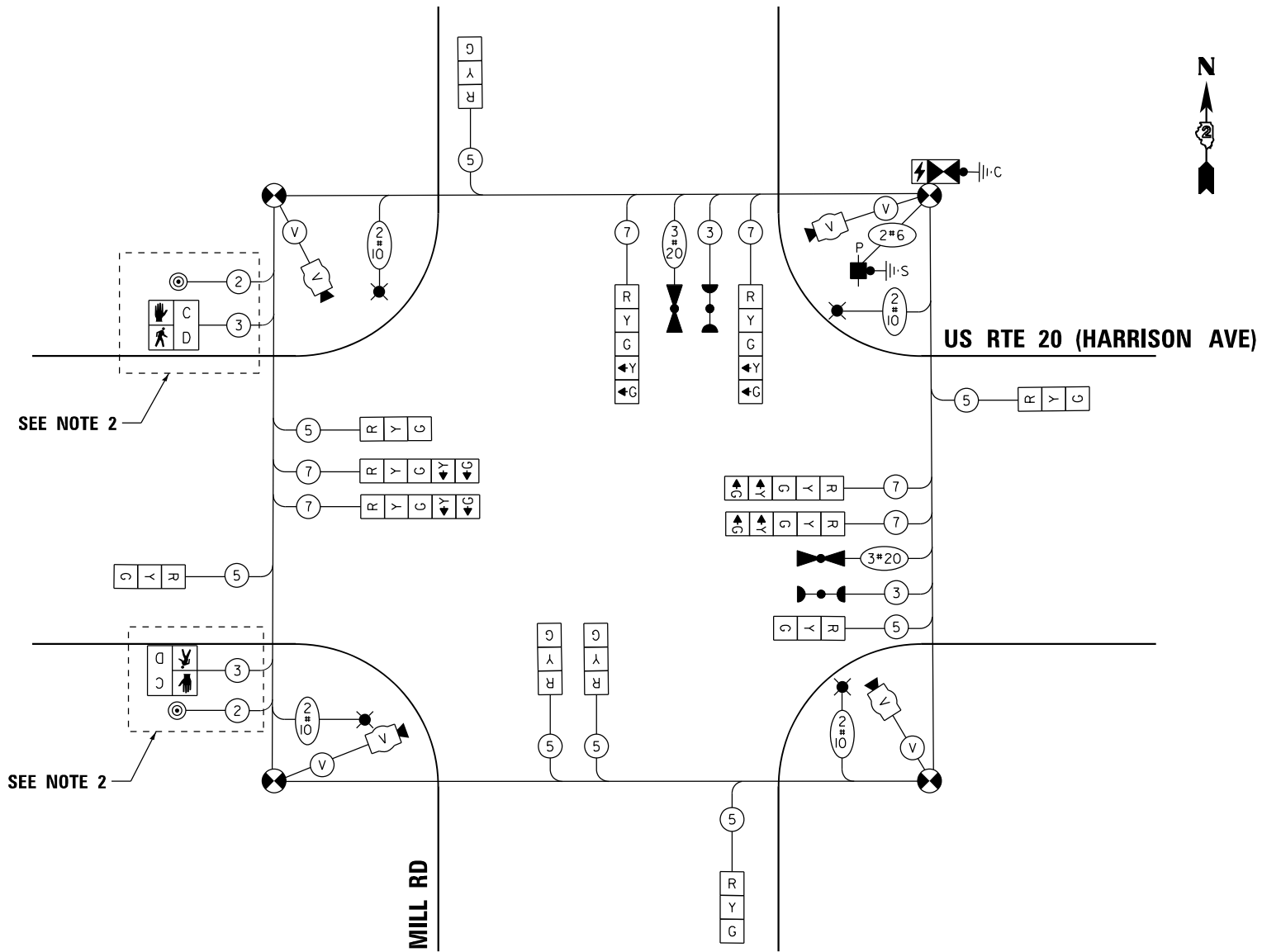
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

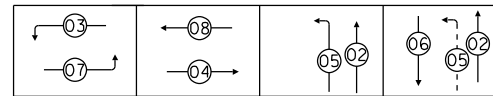
NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. BAG AND DEACTIVATE BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL.



CABLE PLAN
(NOT TO SCALE)

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		50	10	60	10	50	10	60
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK								
FLASH DW								
ACTUATED CYCLE LENGTH = 120								

MODEL: Temp Cable Plan - Mill Rd - PreStage (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\project\0235664\2024\4R72-KISH-sht-TempTSCable-Mill-PreStage.1.dgn



USER NAME = arodriguez
DESIGNED - A.RODRIGUEZ
DRAWN - A.RODRIGUEZ
CHECKED - G.THIESSE
PLOT SCALE = \$\$SCALE\$\$
PLOT DATE = 11/7/2025

DESIGNED - A.RODRIGUEZ
DRAWN - A.RODRIGUEZ
CHECKED - G.THIESSE
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

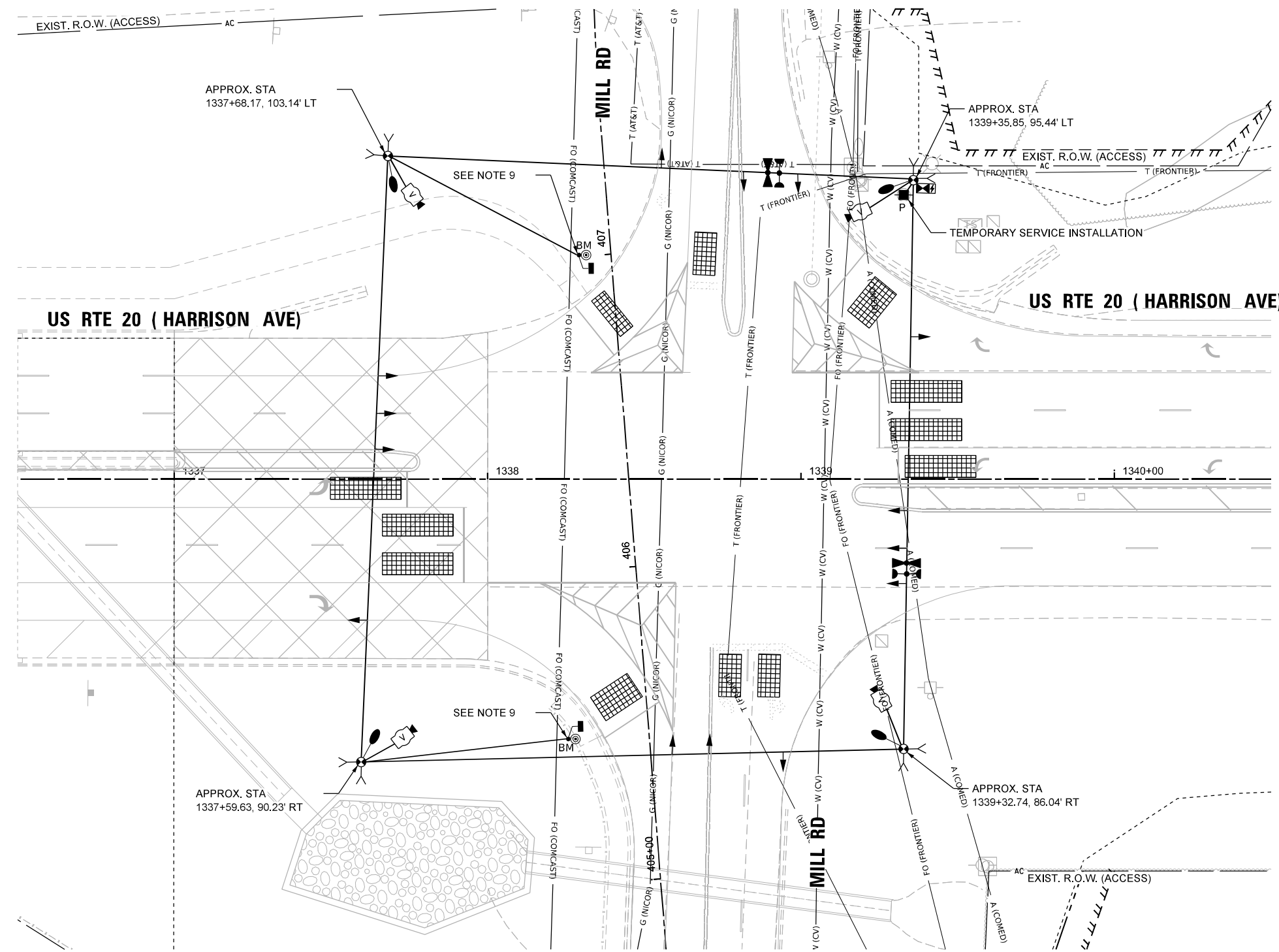
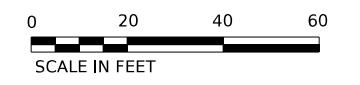
**TEMPORARY TRAFFIC SIGNAL PLANS
PRESTAGE 1 - US 20 AND MILL RD - CABLE PLAN**

SCALE: NTS SHEET 2 OF 26 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	264
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

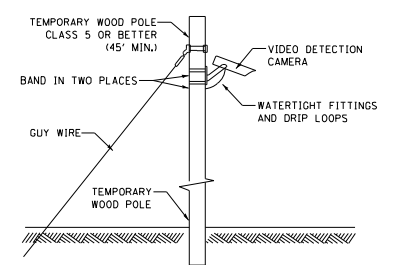
TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY SIGNAL CONTROLLER
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY SIGNAL HEAD
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
- TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
- TEMPORARY VIDEO DETECTION CAMERA
- TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
- TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
- BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
- BAG PERMISSIVE ARROW LAMPS
- TEMPORARY BARREL MOUNTED POSTED
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSH BUTTON
- VIDEO DETECTION
- IMPACT ATTENUATORS, TEMPORARY
- WORK ZONE
- COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
- TEMPORARY PAVEMENT
- COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



NOTES:

1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
2. CONTRACTOR TO RELOCATE (ON SPAN WIRE) NORTHBOUND, SOUTHBOUND, EASTBOUND, AND WESTBOUND TEMPORARY SIGNAL HEAD ACCORDINGLY DURING MOT LANE SHIFTING.
3. SIGNAL NETWORK AND TRAFFIC CAMERAS SHALL NOT BE DOWN FOR MORE THAN FOUR HOURS.
4. FOR THE PURPOSE OF ADVANCE DETECTION, THE CONTRACTOR SHALL ENSURE THE VERTICAL CLEARANCE OF THE EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT TO BE BETWEEN 17-18 FEET FROM THE TOP OF ROADWAY GRADE TO THE BOTTOM OF THE ELLOWEST PART OF THE EVP EQUIPMENT, BUT NO LESS THAN 17 FEET. CONTACT CHERRY VALLEY FIRE PROTECTION DISTRICT 815-332-5382 TO VERIFY APPROPRIATE OPERATIONS.
5. DETECTION ZONES SHALL BE DETERMINED IN THE FIELD BY A QUALIFIED SIGNAL TECHNICIAN.
6. RELOCATE EXISTING MAST ARM MOUNTED STREET NAME SIGNS TO THE TEMPORARY TRAFFIC SIGNAL SUPPORT. THIS WORK SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
7. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.
8. INACTIVE SIGNAL HEADS SHALL BE DE-ENERGIZED AND BAGGED PER PLANS
9. BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE BAGGED AND DEACTIVATED.
10. CONTACT SCOTT KULLERSTRAND - IDOT BUREAU OF OPERATIONS 815-284-5468, TWO WEEKS IN ADVANCE TO DISCUSS PROPOSED CONSTRUCTION TRAFFIC PLANS AND TO ASSIST WITH SIGNAL TIMINGS.



TEMPORARY VIDEO DETECTION MOUNTING DETAIL (NOT TO SCALE)

MODEL: PR US 20 - Mill Rd - PreStage 2 [Sheet]
FILE NAME: c:\pwworkdir\benesch_projects\projects\0235684\2024\4R72-KISH-shit-TempTs-Mill-PreStage2.dgn



USER NAME = jworthington	DESIGNED - A.RODRIGUEZ	REVISED -
PLOT SCALE = \$\$\$CALE\$	DRAWN - A.RODRIGUEZ	REVISED -
PLOT DATE = 7/8/2025	CHECKED - G.THIESSE	REVISED -
	DATE -	REVISED -

DESIGNED - A.RODRIGUEZ	REVISED -
DRAWN - A.RODRIGUEZ	REVISED -
CHECKED - G.THIESSE	REVISED -
DATE -	REVISED -

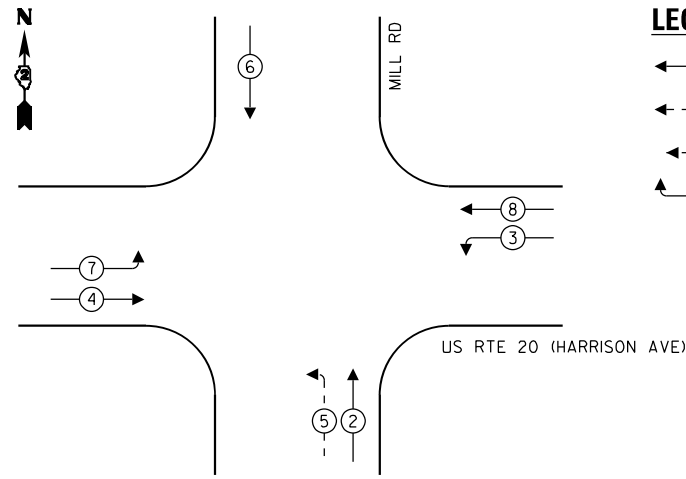
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLANS
PRESTAGE 2 - US 20 AND MILL RD**

SCALE: 1"=20' SHEET 3 OF 24 SHEETS STA. TO STA.

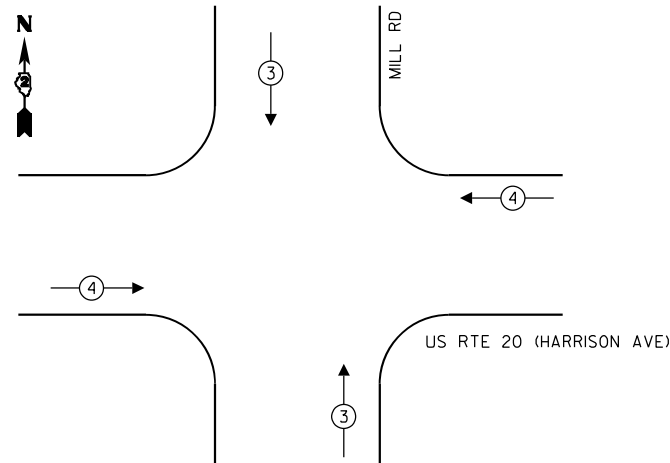
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	265
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← ⊙ → PROTECTED PHASE
 - ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
 - ← ⊙ ⊙ → PEDESTRIAN PHASE
 - ← ⊙ OL → OVERLAP

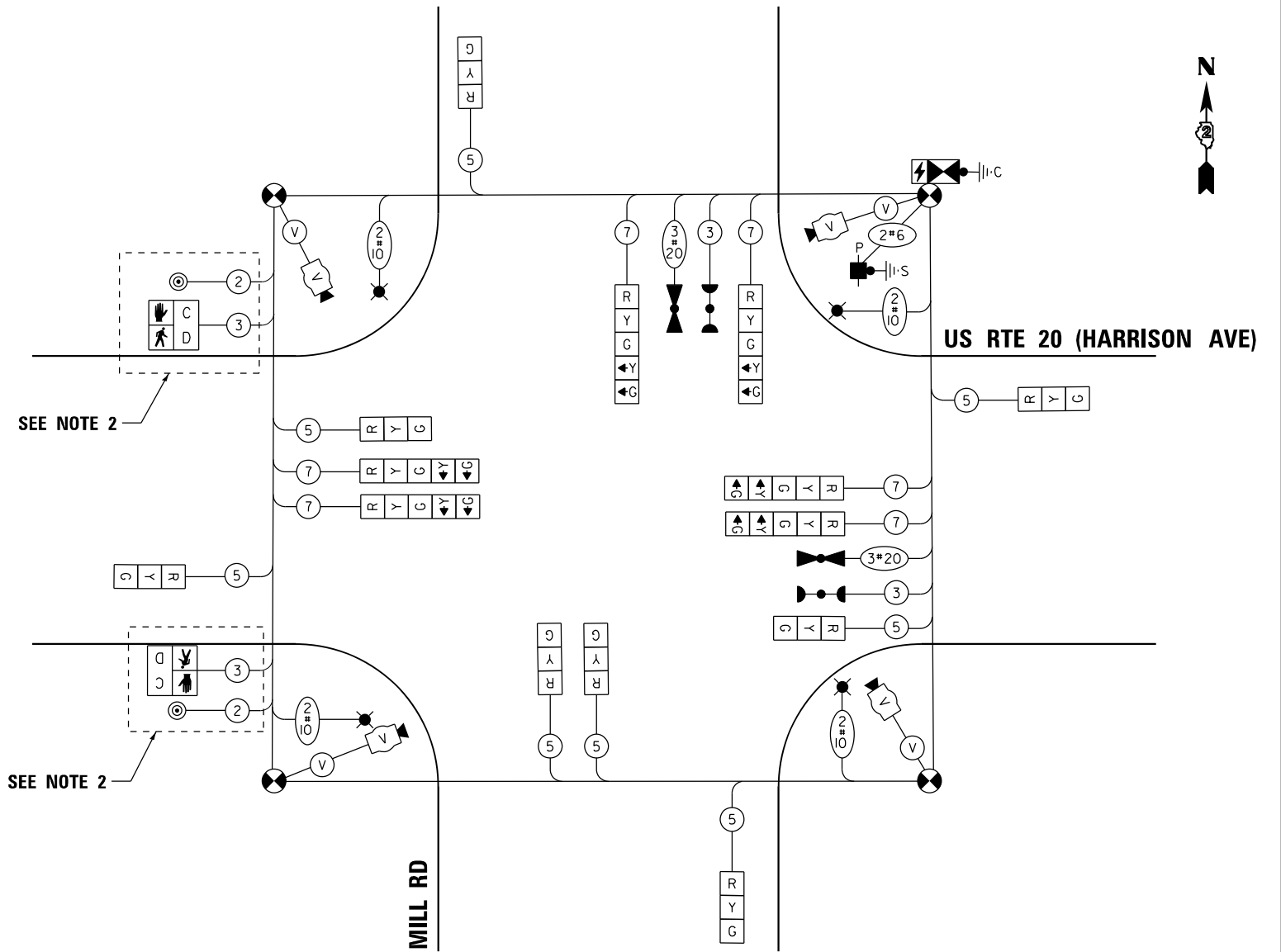
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

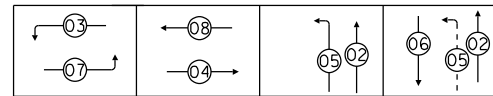
NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. BAG AND DEACTIVATE BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL.



CABLE PLAN
(NOT TO SCALE)

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		50	10	60	10	50	10	60
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK								
FLASH DW								
ACTUATED CYCLE LENGTH = 120								

MODEL: Temp Cable Plan - Mill Rd - PreStage 2 (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\projects\0235664\0235664R72-KISH-sht-TempTSCable-Mill-PreStage2.dgn



USER NAME = jMajcher
PLOT SCALE = \$SCALE\$
PLOT DATE = 11/10/2025

DESIGNED - A.RODRIGUEZ
DRAWN - A.RODRIGUEZ
CHECKED - G.THIESSE
DATE -

REVISED -
REVISED -
REVISED -
REVISED -




















STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

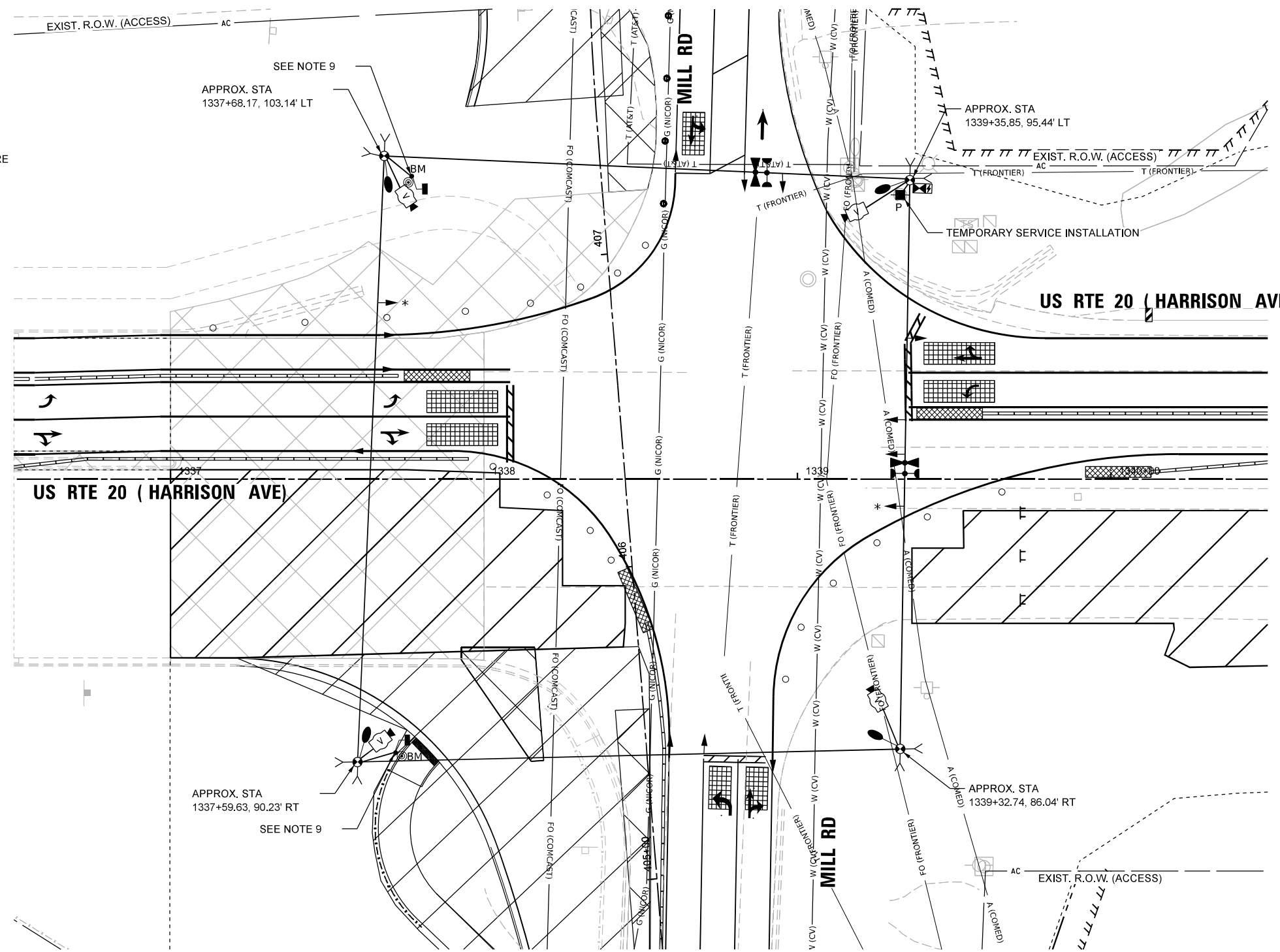
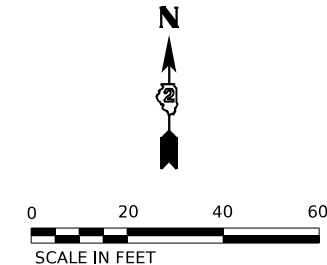
TEMPORARY TRAFFIC SIGNAL PLANS
PRESTAGE 2 - US 20 AND MILL RD - CABLE PLAN

SCALE: NTS SHEET 4 OF 26 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	266
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

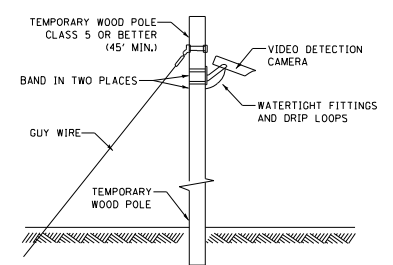
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY SIGNAL CONTROLLER
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY SIGNAL HEAD
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY VIDEO DETECTION CAMERA
-  TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
-  TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
-  * BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
-  # BAG PERMISSIVE ARROW LAMPS
-  BM TEMPORARY BARREL MOUNTED POSTED
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  VIDEO DETECTION
-  IMPACT ATTENUATORS, TEMPORARY
-  WORK ZONE
-  COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
-  TEMPORARY PAVEMENT
-  COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



NOTES:

1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
2. CONTRACTOR TO RELOCATE (ON SPAN WIRE) NORTHBOUND, SOUTHBOUND, EASTBOUND, AND WESTBOUND TEMPORARY SIGNAL HEAD ACCORDINGLY DURING MOT LANE SHIFTING.
3. SIGNAL NETWORK AND TRAFFIC CAMERAS SHALL NOT BE DOWN FOR MORE THAN FOUR HOURS.
4. FOR THE PURPOSE OF ADVANCE DETECTION, THE CONTRACTOR SHALL ENSURE THE VERTICAL CLEARANCE OF THE EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT TO BE BETWEEN 17-18 FEET FROM THE TOP OF ROADWAY GRADE TO THE BOTTOM OF THE LOWEST PART OF THE EVP EQUIPMENT, BUT NO LESS THAN 17 FEET. CONTACT CHERRY VALLEY FIRE PROTECTION DISTRICT 815-332-5382 TO VERIFY APPROPRIATE OPERATIONS.
5. DETECTION ZONES SHALL BE DETERMINED IN THE FIELD BY A QUALIFIED SIGNAL TECHNICIAN.
6. RELOCATE EXISTING MAST ARM MOUNTED STREET NAME SIGNS TO THE TEMPORARY TRAFFIC SIGNAL SUPPORT. THIS WORK SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
7. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.
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10. CONTACT SCOTT KULLERSTRAND - IDOT BUREAU OF OPERATIONS 815-284-5468, TWO WEEKS IN ADVANCE TO DISCUSS PROPOSED CONSTRUCTION TRAFFIC PLANS AND TO ASSIST WITH SIGNAL TIMINGS.



TEMPORARY VIDEO DETECTION MOUNTING DETAIL (NOT TO SCALE)

MODEL: PR US 20 - Mill Rd - USE THIS Stage 1 (Sheet) FILE NAME: c:\pwworkdir\benesch_projects\projects\10235684\2024\2024-11-14\10235684-10235684-10235684-10235684.dgn



USER NAME = jworthington	DESIGNED - A. RODRIGUEZ	REVISED -
	DRAWN - A. RODRIGUEZ	REVISED -
PLOT SCALE = \$\$\$CALE\$	CHECKED - G. THIESSE	REVISED -
PLOT DATE = 2/2/2025	DATE -	REVISED -

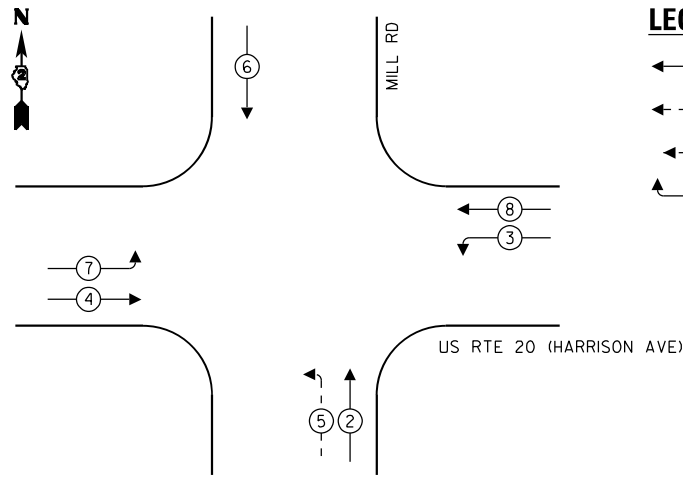
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 1 US 20 AND STAGE A MILL RD**

SCALE: 1"=20' SHEET 5 OF 26 SHEETS STA. TO STA.

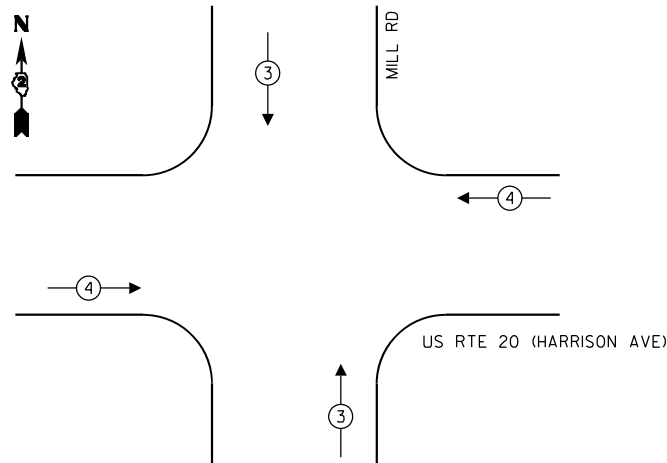
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	267
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← ⊙ → PROTECTED PHASE
 - ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
 - ← ⊙ ⊙ → PEDESTRIAN PHASE
 - ← ⊙ ⊙ OL → OVERLAP

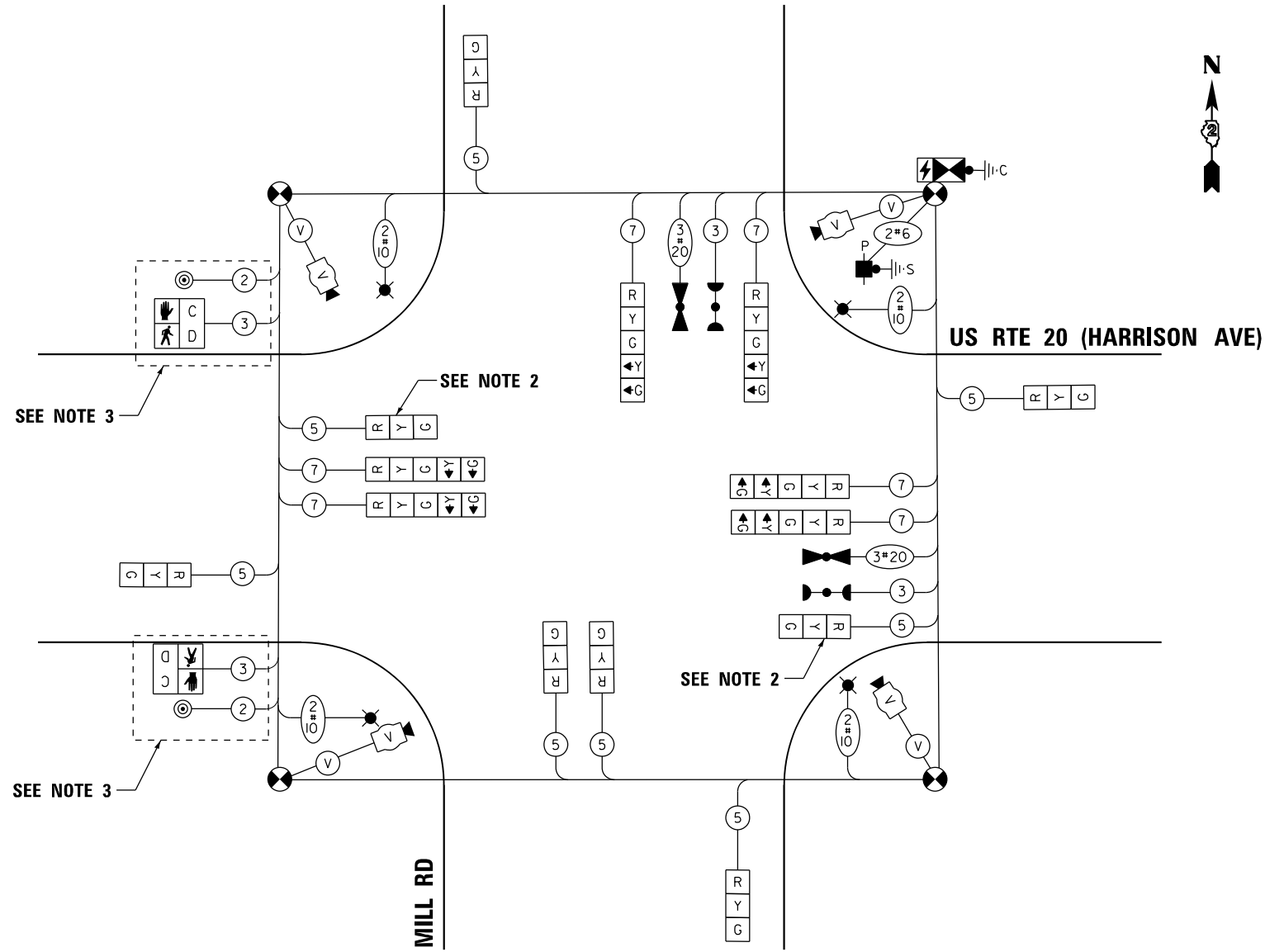
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

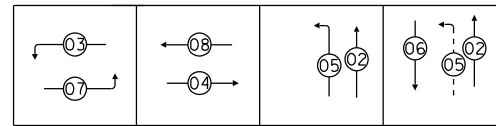
NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. BAG TRAFFIC SIGNAL HEAD AND DE-ENERGIZE.
3. BAG AND DEACTIVATE BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL.



CABLE PLAN
(NOT TO SCALE)

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		50	10	60	10	50	10	60
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK								
FLASH DW								
ACTUATED CYCLE LENGTH = 120								

MODEL: Temp Cable Plan - Mill Rd - Stage 1 (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\proj0235664\2024\472-KISH-sht-TempTSCable-Mill-Stage1.dgn



USER NAME = jMajcher	DESIGNED - A.RODRIGUEZ	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - A.RODRIGUEZ	REVISED -
PLOT DATE = 11/10/2025	CHECKED - G.THIESSE	REVISED -
	DATE -	REVISED -




















STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

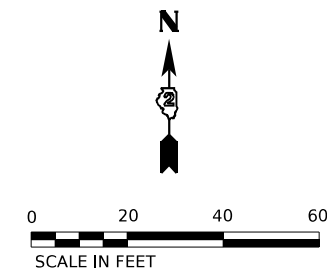
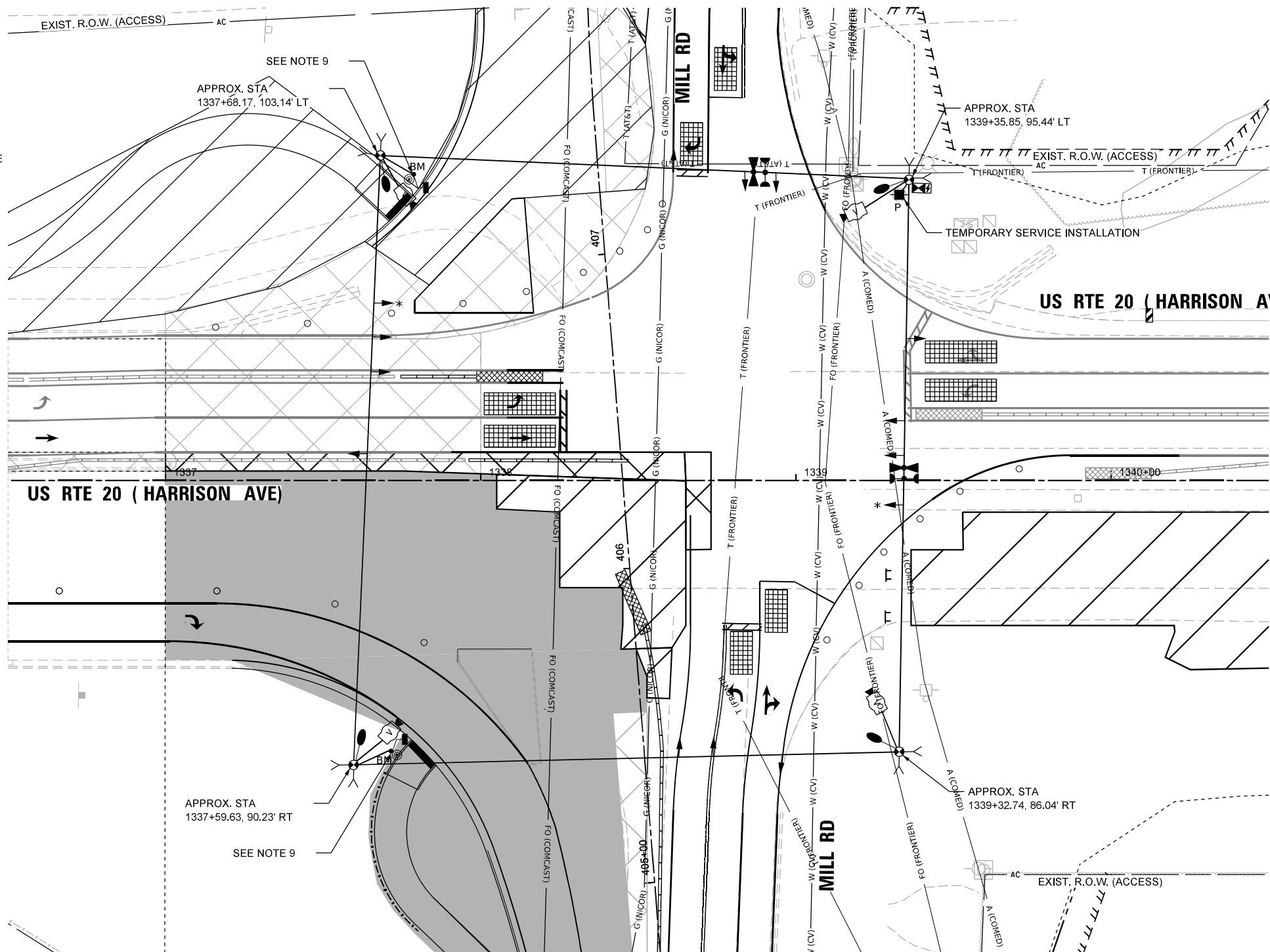
TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 1 US 20 AND STAGE A MILL RD - CABLE PLAN

SCALE: NTS SHEET 6 OF 26 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	268
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

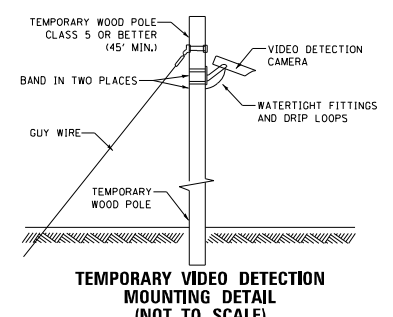
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY SIGNAL CONTROLLER
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY SIGNAL HEAD
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY VIDEO DETECTION CAMERA
-  TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
-  TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
-  BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
-  BAG PERMISSIVE ARROW LAMPS
-  TEMPORARY BARREL MOUNTED POSTED
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  VIDEO DETECTION
-  IMPACT ATTENUATORS, TEMPORARY
-  WORK ZONE
-  COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
-  TEMPORARY PAVEMENT
-  COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



NOTES:

1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
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3. SIGNAL NETWORK AND TRAFFIC CAMERAS SHALL NOT BE DOWN FOR MORE THAN FOUR HOURS.
4. FOR THE PURPOSE OF ADVANCE DETECTION, THE CONTRACTOR SHALL ENSURE THE VERTICAL CLEARANCE OF THE EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT TO BE BETWEEN 17-18 FEET FROM THE TOP OF ROADWAY GRADE TO THE BOTTOM OF THE ELLOWEST PART OF THE EVP EQUIPMENT, BUT NO LESS THAN 17 FEET. CONTACT CHERRY VALLEY FIRE PROTECTION DISTRICT 815-332-5382 TO VERIFY APPROPRIATE OPERATIONS.
5. DETECTION ZONES SHALL BE DETERMINED IN THE FIELD BY A QUALIFIED SIGNAL TECHNICIAN.
6. RELOCATE EXISTING MAST ARM MOUNTED STREET NAME SIGNS TO THE TEMPORARY TRAFFIC SIGNAL SUPPORT. THIS WORK SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
7. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.
8. INACTIVE SIGNAL HEADS SHALL BE DE-ENERGIZED AND BAGGED PER PLANS
9. BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE BAGGED AND DEACTIVATED.
10. CONTACT SCOTT KULLERSTRAND - IDOT BUREAU OF OPERATIONS 815-284-5468, TWO WEEKS IN ADVANCE TO DISCUSS PROPOSED CONSTRUCTION TRAFFIC PLANS AND TO ASSIST WITH SIGNAL TIMINGS.



MODEL: PR US 20 - Mill Rd - Stage 1B (Sheet)
 FILE NAME: c:\pwworkdir\benesch_projects\projects\0235684\2024\2024-11-10\TempTs-Mill-Stage1B-1.dgn



USER NAME	= jMajcher
PLOT SCALE	= \$\$SCALE\$
PLOT DATE	= 11/10/2025

DESIGNED	- A.RODRIGUEZ	REVISED	-
DRAWN	- A.RODRIGUEZ	REVISED	-
CHECKED	- G.THIESSE	REVISED	-
DATE	-	REVISED	-

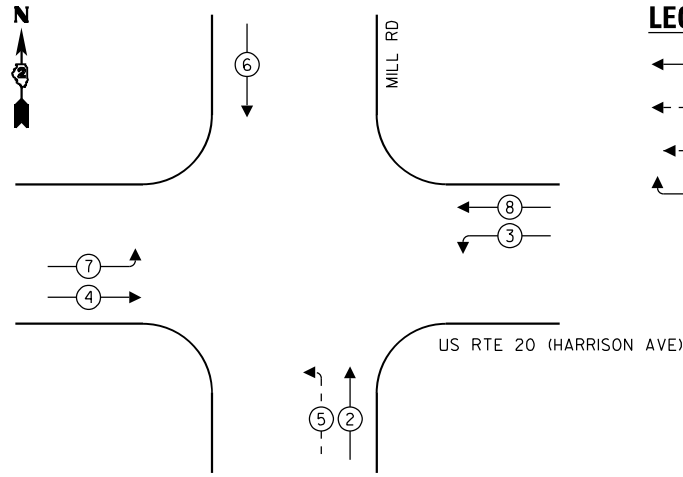
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 1B-1 US 20 AND STAGE A-2 MILL RD**

SCALE: 1"=20' SHEET 7 OF 26 SHEETS STA. TO STA.

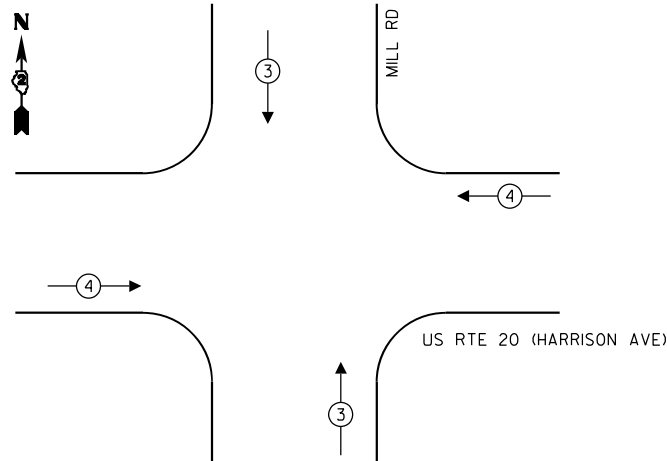
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	269
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← ⊙ → PROTECTED PHASE
 - ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
 - ← ⊙ ⊙ → PEDESTRIAN PHASE
 - ← ⊙ ⊙ OL → OVERLAP

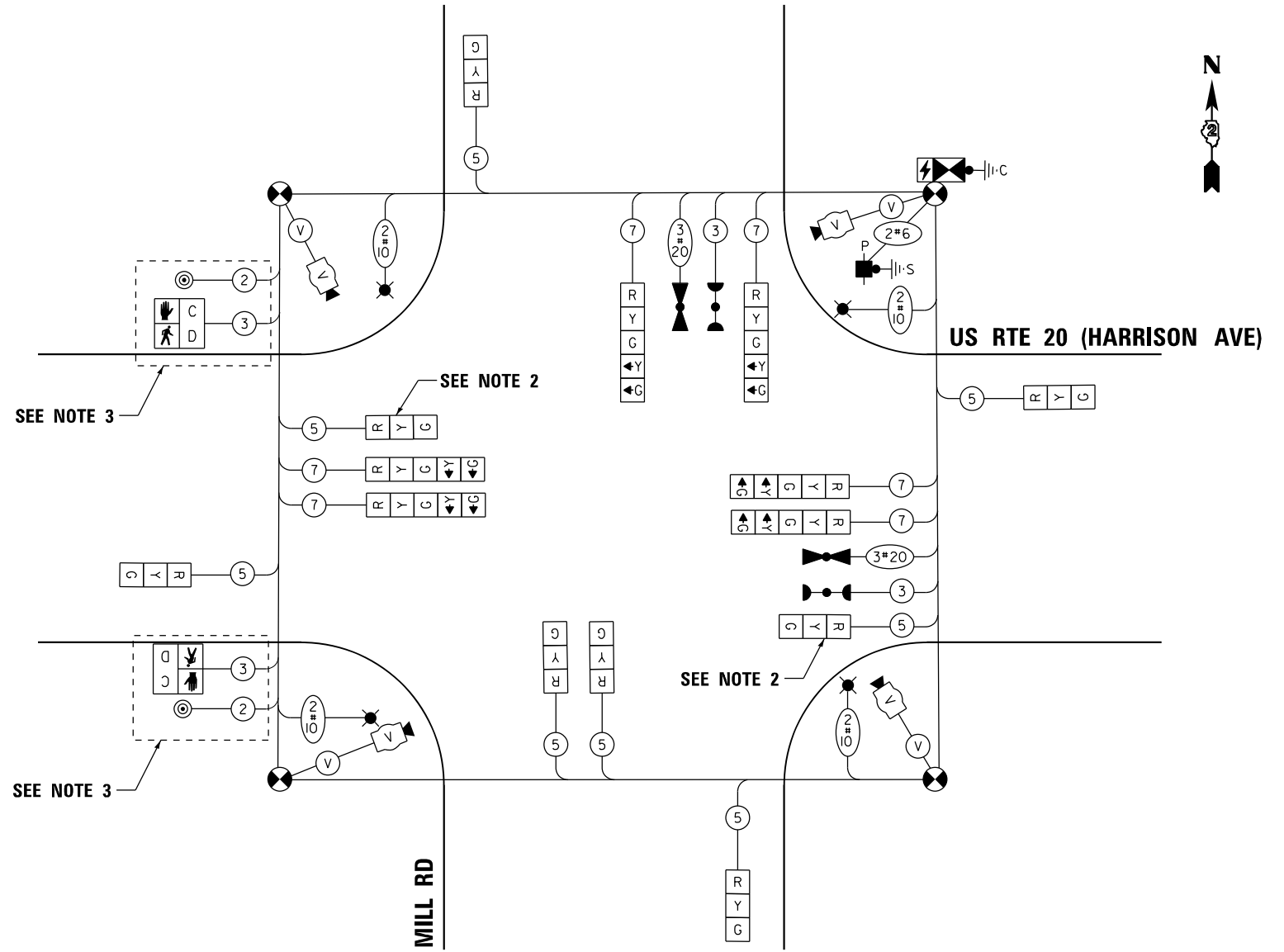
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

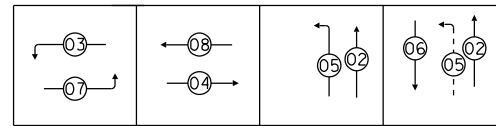
NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. BAG TRAFFIC SIGNAL HEAD AND DE-ENERGIZE.
3. BAG AND DEACTIVATE BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL.



CABLE PLAN
(NOT TO SCALE)

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		50	10	60	10	50	10	60
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK								
FLASH DW								
ACTUATED CYCLE LENGTH = 120								

MODEL: Temp Cable Plan - Mill Rd - Stage 1B (Sheet)
 FILE NAME: c:\pwworkdir\benesch_projects\project\0235664\0264R72-KISH-sht-TempTSCable-Mill-Stage1B-1.dgn



USER NAME = jMajcher	DESIGNED - A.RODRIGUEZ	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - A.RODRIGUEZ	REVISED -
PLOT DATE = 11/10/2025	CHECKED - G.THIESSE	REVISED -
	DATE -	REVISED -




















STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

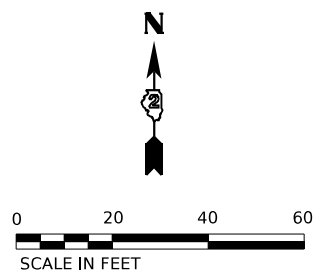
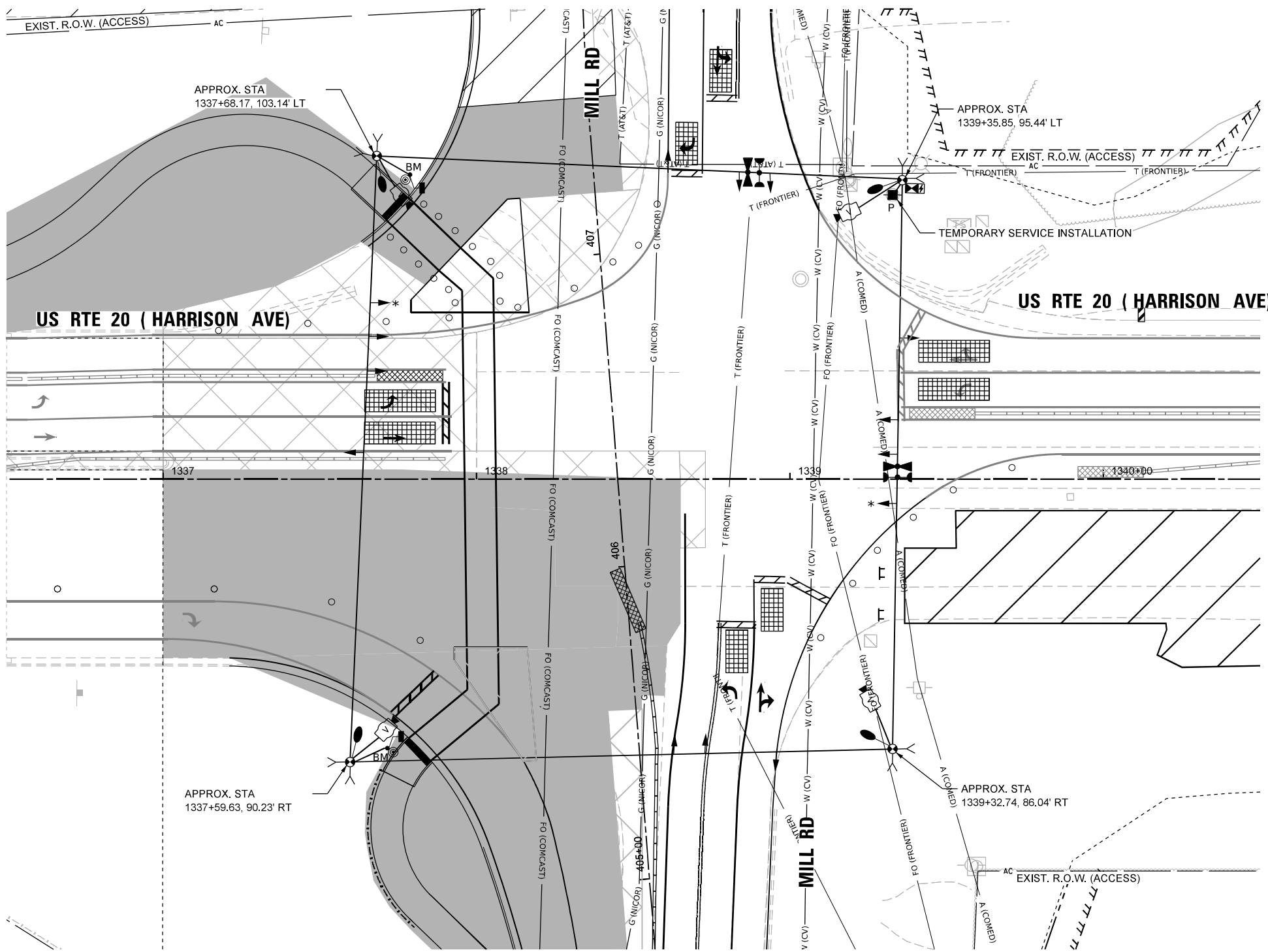
TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 1B-1 US 20 AND STAGE A-2 MILL RD - CABLE PLAN

SCALE: NTS SHEET 8 OF 26 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	270
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

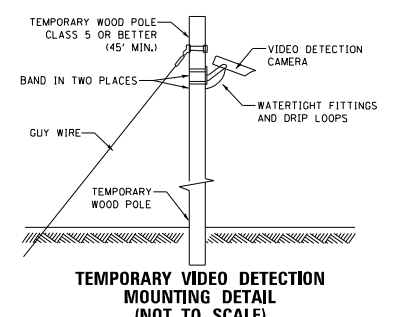
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY SIGNAL CONTROLLER
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY SIGNAL HEAD
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY VIDEO DETECTION CAMERA
-  TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
-  TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
-  * BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
-  # BAG PERMISSIVE ARROW LAMPS
-  BM TEMPORARY BARREL MOUNTED POSTED
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  VIDEO DETECTION
-  IMPACT ATTENUATORS, TEMPORARY
-  WORK ZONE
-  COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
-  TEMPORARY PAVEMENT
-  COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



NOTES:

1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
2. CONTRACTOR TO RELOCATE (ON SPAN WIRE) NORTHBOUND, SOUTHBOUND, EASTBOUND, AND WESTBOUND TEMPORARY SIGNAL HEAD ACCORDINGLY DURING MOT LANE SHIFTING.
3. SIGNAL NETWORK AND TRAFFIC CAMERAS SHALL NOT BE DOWN FOR MORE THAN FOUR HOURS.
4. FOR THE PURPOSE OF ADVANCE DETECTION, THE CONTRACTOR SHALL ENSURE THE VERTICAL CLEARANCE OF THE EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT TO BE BETWEEN 17-18 FEET FROM THE TOP OF ROADWAY GRADE TO THE BOTTOM OF THE ELLOWEST PART OF THE EVP EQUIPMENT, BUT NO LESS THAN 17 FEET. CONTACT CHERRY VALLEY FIRE PROTECTION DISTRICT 815-332-5382 TO VERIFY APPROPRIATE OPERATIONS.
5. DETECTION ZONES SHALL BE DETERMINED IN THE FIELD BY A QUALIFIED SIGNAL TECHNICIAN.
6. RELOCATE EXISTING MAST ARM MOUNTED STREET NAME SIGNS TO THE TEMPORARY TRAFFIC SIGNAL SUPPORT. THIS WORK SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
7. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.
8. INACTIVE SIGNAL HEADS SHALL BE DE-ENERGIZED AND BAGGED PER PLANS
9. BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE PROVIDED FOR ALL CROSSWALKS. BARREL MOUNTED POSTS SHALL BE RELOCATED AS NEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN CROSSWALK ACCESS AT ALL TIMES.
10. CONTACT SCOTT KULLERSTRAND - IDOT BUREAU OF OPERATIONS 815-284-5468, TWO WEEKS IN ADVANCE TO DISCUSS PROPOSED CONSTRUCTION TRAFFIC PLANS AND TO ASSIST WITH SIGNAL TIMINGS.



MODEL: PR US 70 - Plan 1 [Sheet]
 FILE NAME: c:\pwworkdir\benesch_projects\projects\40235684\264R72-KISH-shit-TempTs-Mill-Stage1B-2.dgn



USER NAME = jworthington	DESIGNED - A.RODRIGUEZ	REVISED -
PLOT SCALE = \$\$CALE\$	DRAWN - A.RODRIGUEZ	REVISED -
PLOT DATE = 7/8/2025	CHECKED - G.THIESSE	REVISED -
	DATE -	REVISED -

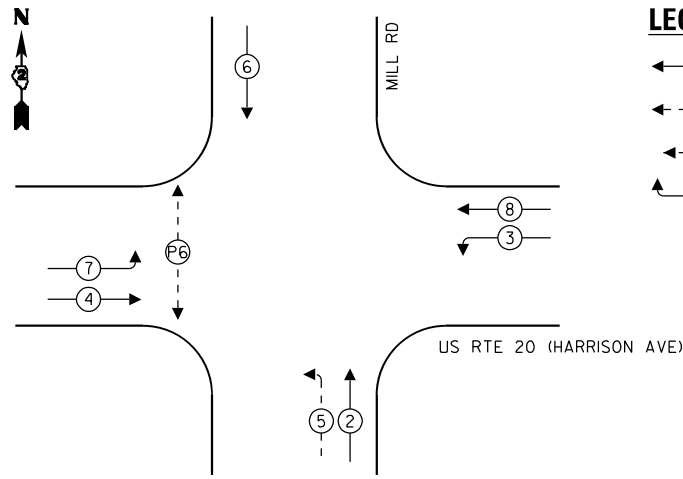
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 1B-2 US 20 AND MILL RD**

SCALE: 1"=20' SHEET 9 OF 24 SHEETS STA. TO STA.

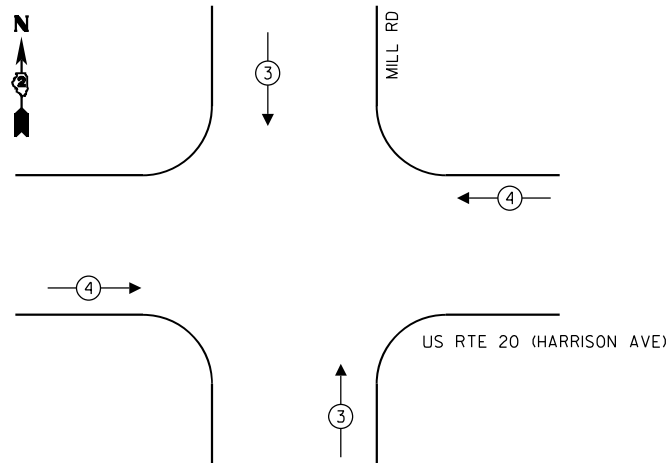
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	271
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← ⊙ → PROTECTED PHASE
 - ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
 - ← ⊙ ⊙ → PEDESTRIAN PHASE
 - ← ⊙ ⊙ OL → OVERLAP

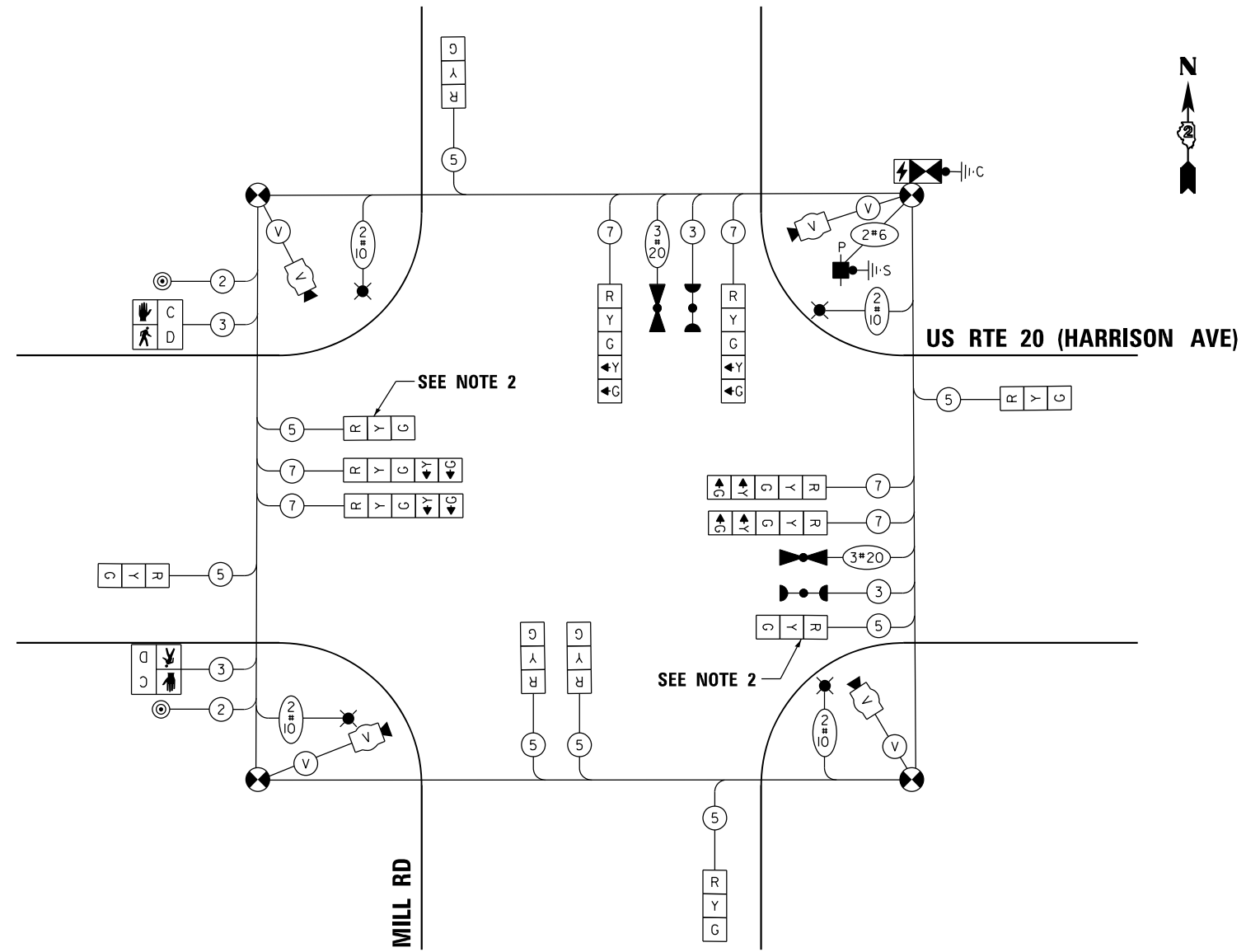
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

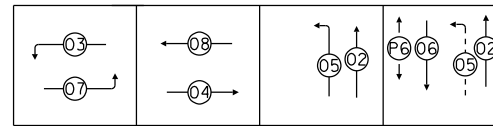
NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. BAG TRAFFIC SIGNAL HEAD AND DE-ENERGIZE



CABLE PLAN
(NOT TO SCALE)

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		65	10	45	7	65	10	45
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK						7		
FLASH DW						56		
ACTUATED CYCLE LENGTH = 120								

MODEL: Temp Cable Plan - Mill Rd - Stage 1B-2 (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\proj\10235664\10235664R72-KISH-sht-TempTSCable-Mill-Stage1B-2.dgn



USER NAME = jMajcher	DESIGNED - A.RODRIGUEZ	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - A.RODRIGUEZ	REVISED -
PLOT DATE = 11/10/2025	CHECKED - G.THIESSE	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION




















TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 1B-2 US 20 AND MILL RD - CABLE PLAN

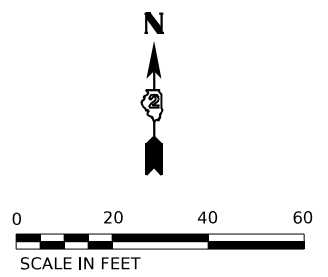
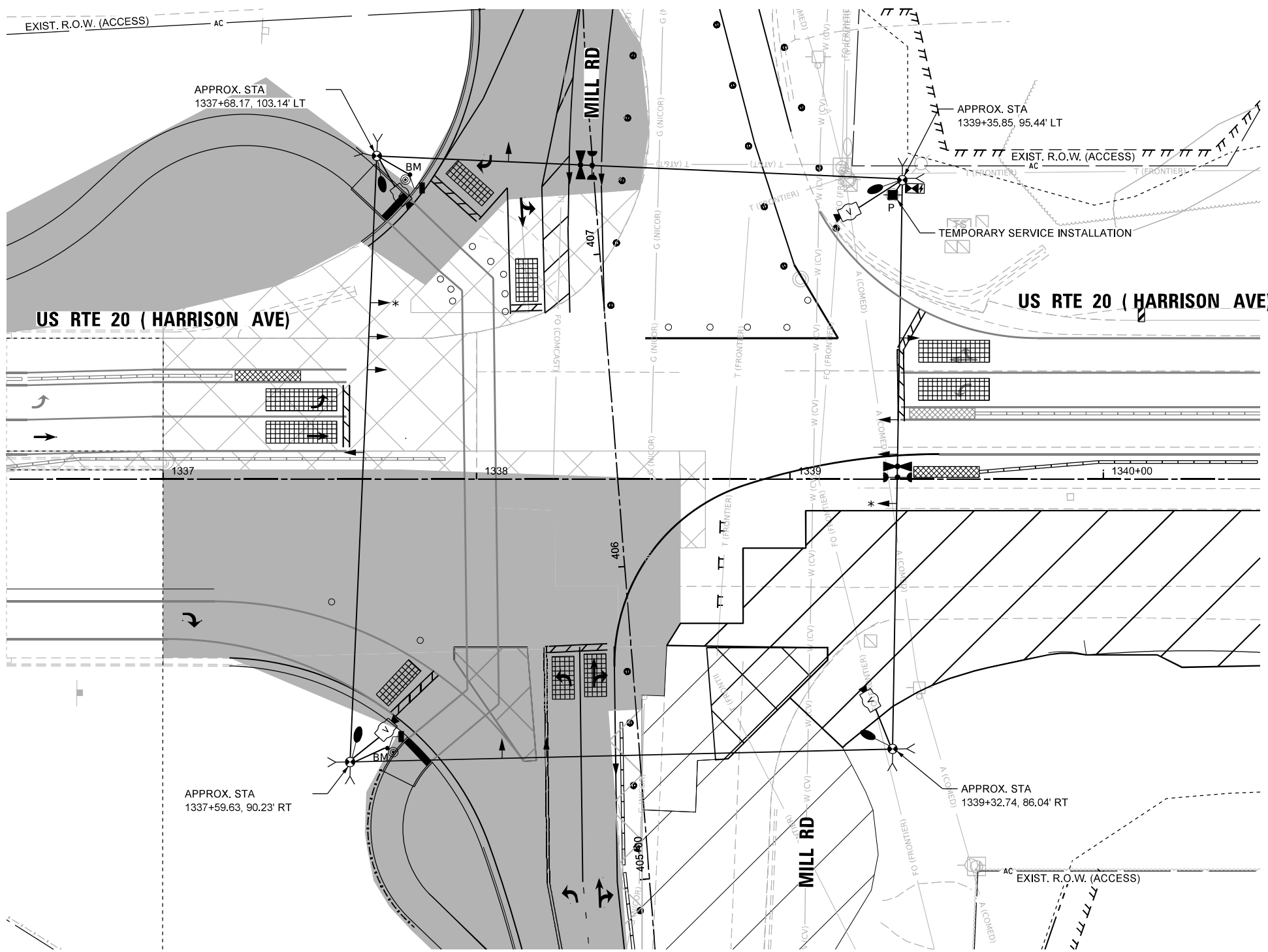
SCALE: NTS SHEET 10 OF 26 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	272
CONTRACT NO. 64R72				

ILLINOIS FED. AID PROJECT

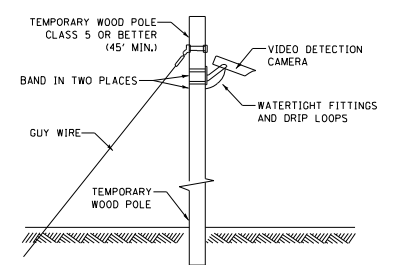
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY SIGNAL CONTROLLER
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY SIGNAL HEAD
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY VIDEO DETECTION CAMERA
-  TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
-  TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
-  * BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
-  # BAG PERMISSIVE ARROW LAMPS
-  BM TEMPORARY BARREL MOUNTED POSTED
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  VIDEO DETECTION
-  IMPACT ATTENUATORS, TEMPORARY
-  WORK ZONE
-  COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
-  TEMPORARY PAVEMENT
-  COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



NOTES:

1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
2. CONTRACTOR TO RELOCATE (ON SPAN WIRE) NORTHBOUND, SOUTHBOUND, EASTBOUND, AND WESTBOUND TEMPORARY SIGNAL HEAD ACCORDINGLY DURING MOT LANE SHIFTING.
3. SIGNAL NETWORK AND TRAFFIC CAMERAS SHALL NOT BE DOWN FOR MORE THAN FOUR HOURS.
4. FOR THE PURPOSE OF ADVANCE DETECTION, THE CONTRACTOR SHALL ENSURE THE VERTICAL CLEARANCE OF THE EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT TO BE BETWEEN 17-18 FEET FROM THE TOP OF ROADWAY GRADE TO THE BOTTOM OF THE LOWEST PART OF THE EVP EQUIPMENT, BUT NO LESS THAN 17 FEET. CONTACT CHERRY VALLEY FIRE PROTECTION DISTRICT 815-332-5382 TO VERIFY APPROPRIATE OPERATIONS.
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10. CONTACT SCOTT KULLERSTRAND - IDOT BUREAU OF OPERATIONS 815-284-5468, TWO WEEKS IN ADVANCE TO DISCUSS PROPOSED CONSTRUCTION TRAFFIC PLANS AND TO ASSIST WITH SIGNAL TIMINGS.



TEMPORARY VIDEO DETECTION MOUNTING DETAIL (NOT TO SCALE)

MODEL: PR US 70 - Plan 1 [Sheet]
FILE NAME: c:\pwworkdir\benesch_projects\projects\40256684\264R72-KISH-shit-TempTs-Mill-Stage1B-3.dgn



USER NAME =	jworington
PLOT SCALE =	\$\$CALE\$\$
PLOT DATE =	7/8/2025

DESIGNED -	A. RODRIGUEZ	REVISED -	
DRAWN -	A. RODRIGUEZ	REVISED -	
CHECKED -	G. THIESSE	REVISED -	
DATE -		REVISED -	

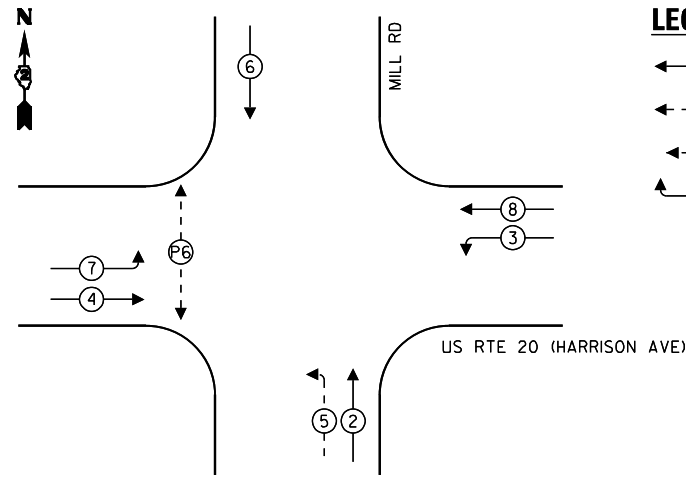
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLANS
US 20 AND STAGE B MILL RD**

SCALE: 1"=20' SHEET 11 OF 24 SHEETS STA. TO STA.

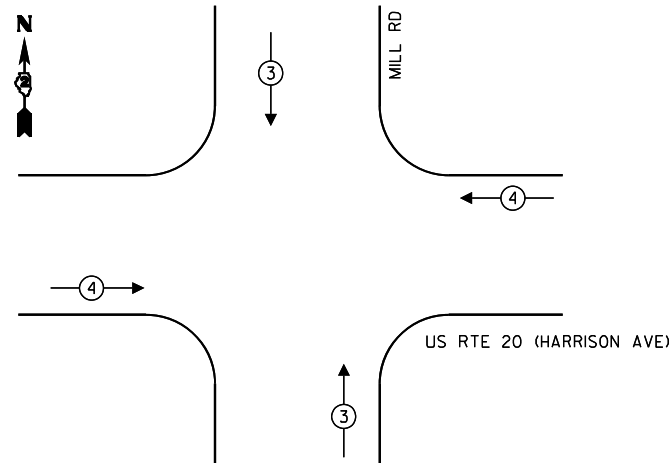
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	273
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← ⊙ → PROTECTED PHASE
 - ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
 - ← ⊙ ⊙ → PEDESTRIAN PHASE
 - ← ⊙ ⊙ OL → OVERLAP

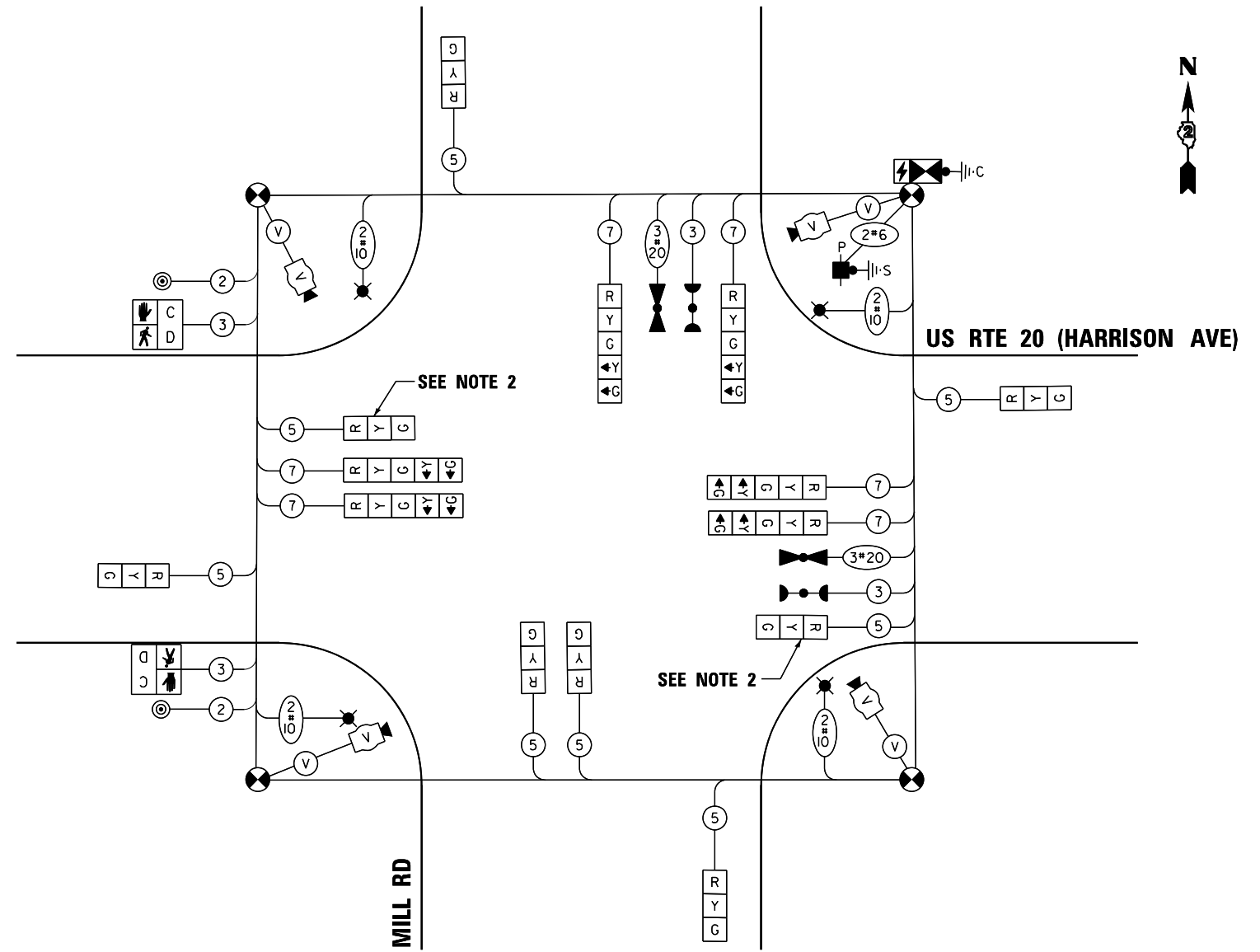
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

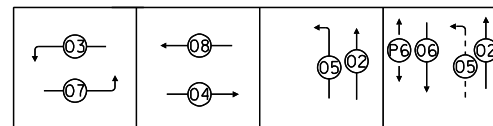
NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. BAG TRAFFIC SIGNAL HEAD AND DE-ENERGIZE



CABLE PLAN
(NOT TO SCALE)

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		65	10	45	7	65	10	45
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK						7		
FLASH DW						56		
ACTUATED CYCLE LENGTH = 120								

MODEL: Temp Cable Plan - Stage 1B-3 (Sheet)
FILE NAME: c:\pwword\benesch_projects\projects\0235664\2024\472-KISH-sht-TempTSCable-Mill-Stage1B-3.dgn



USER NAME = jMajcher	DESIGNED - A. RODRIGUEZ	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - A. RODRIGUEZ	REVISED -
PLOT DATE = 11/10/2025	CHECKED - G. THIESSE	REVISED -
	DATE -	REVISED -




















STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

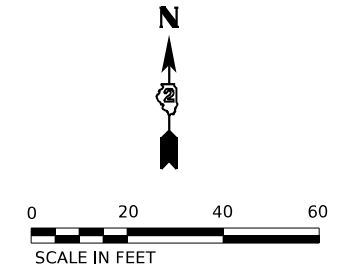
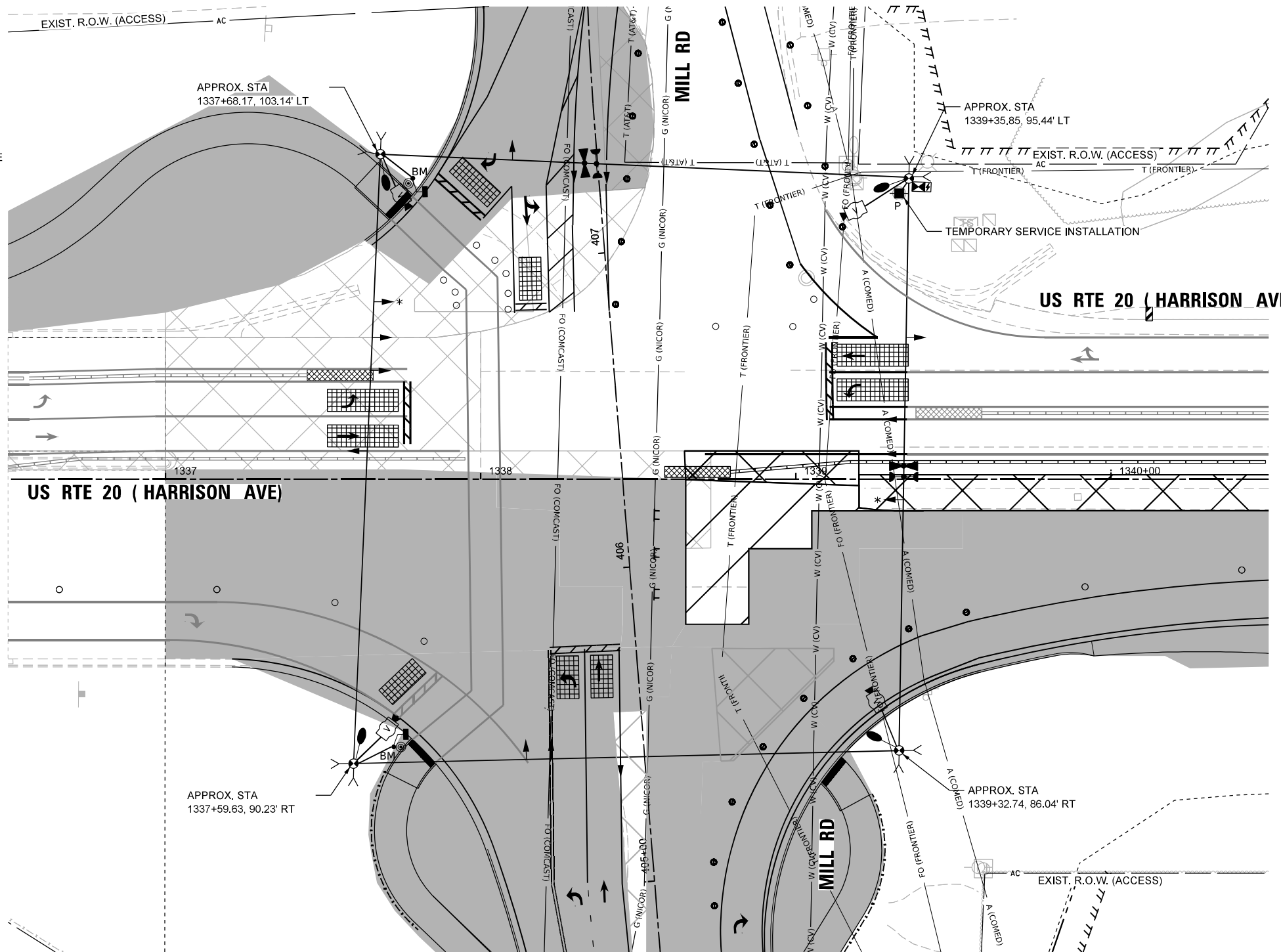
TEMPORARY TRAFFIC SIGNAL PLANS
US 20 AND STAGE B MILL RD - CABLE PLAN

SCALE: NTS SHEET 12 OF 26 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	274
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

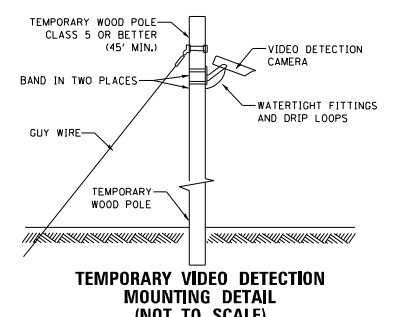
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY SIGNAL CONTROLLER
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY SIGNAL HEAD
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY VIDEO DETECTION CAMERA
-  TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
-  TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
-  * BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
-  # BAG PERMISSIVE ARROW LAMPS
-  BM TEMPORARY BARREL MOUNTED POSTED
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  VIDEO DETECTION
-  IMPACT ATTENUATORS, TEMPORARY
-  WORK ZONE
-  COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
-  TEMPORARY PAVEMENT
-  COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



NOTES:

1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
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MODEL: PR US 20 - Mill Rd - Stage 1C (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\projects\40235684\2024\2024-11-25\11-25-2024\Temp1s-Mill-Stage1C.dgn



USER NAME = jMajcher	DESIGNED - A.RODRIGUEZ	REVISED -
PLOT SCALE = \$\$\$CALE\$	DRAWN - A.RODRIGUEZ	REVISED -
PLOT DATE = 11/25/2025	CHECKED - G.THIESSE	REVISED -
	DATE -	REVISED -

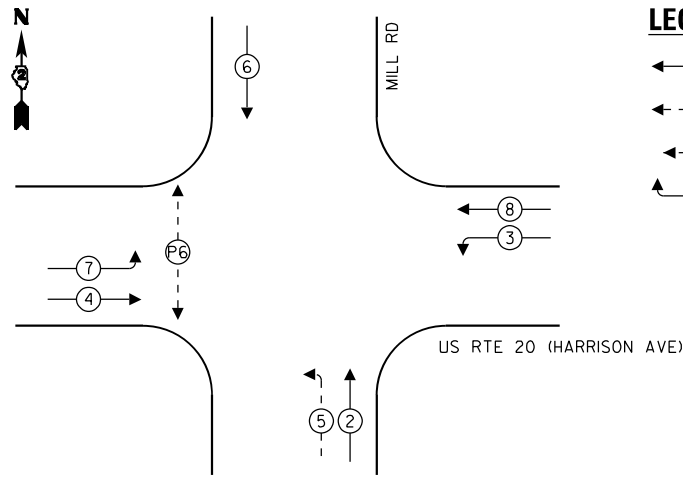
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 1C US 20 AND STAGE B-2 MILL RD**

SCALE: 1"=20' SHEET 13 OF 26 SHEETS STA. TO STA.

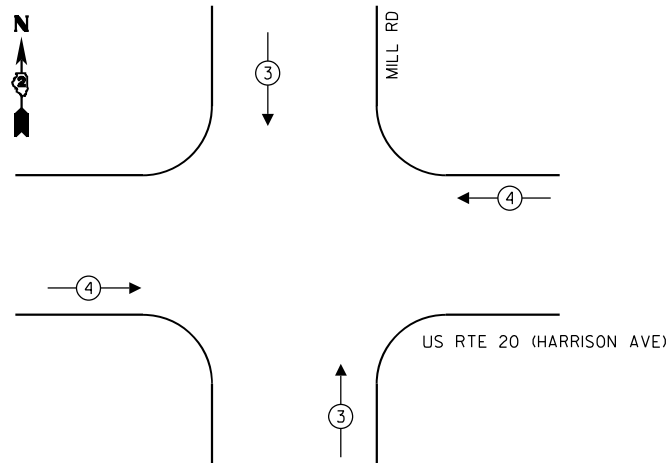
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	275
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← ⊙ → PROTECTED PHASE
 - ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
 - ← ⊙ ⊙ → PEDESTRIAN PHASE
 - ← ⊙ ⊙ OL → OVERLAP

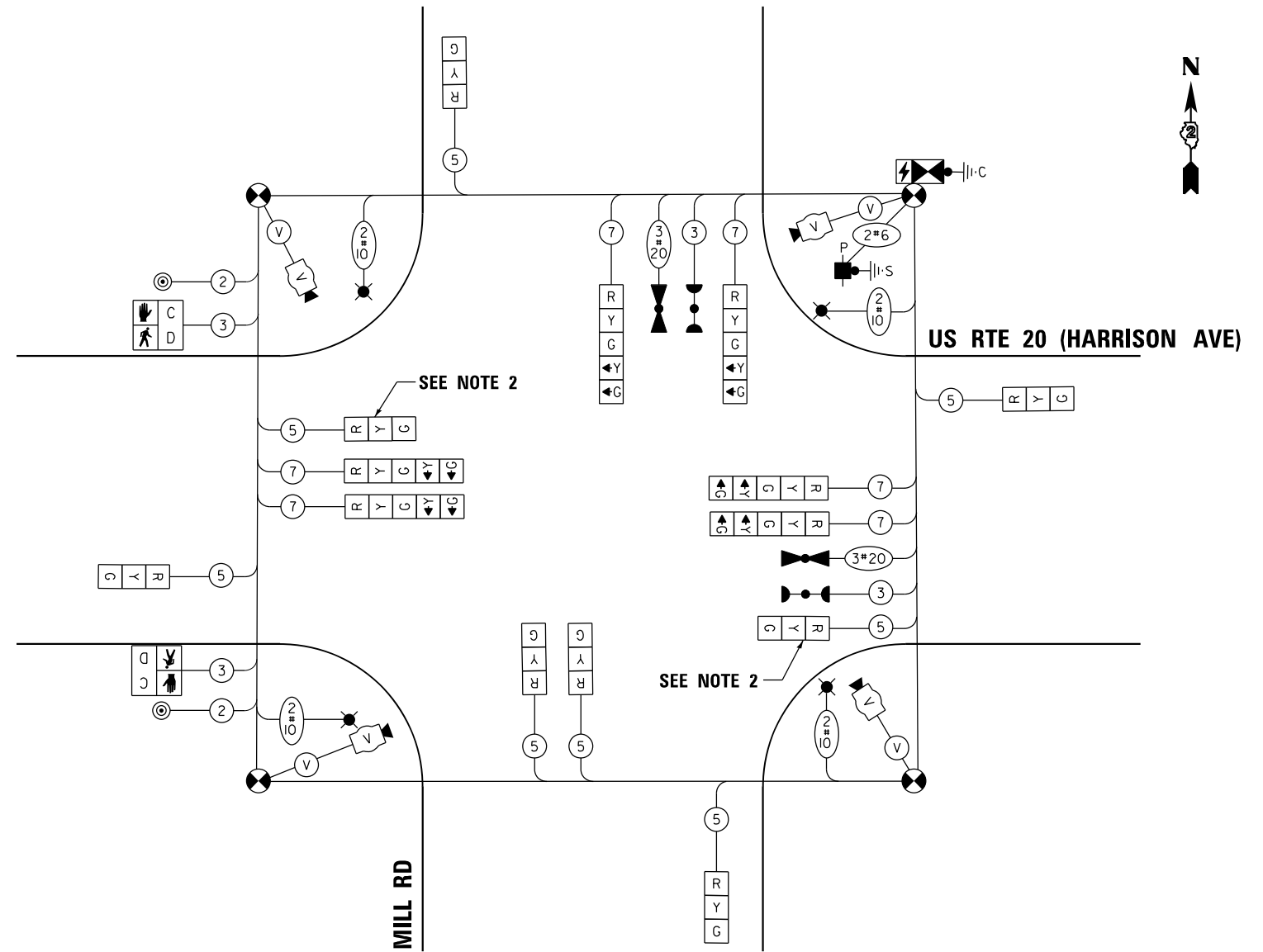
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



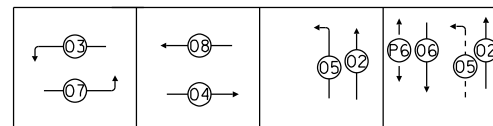
TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. BAG TRAFFIC SIGNAL HEAD AND DE-ENERGIZE



PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		65	10	45	7	65	10	45
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK						7		
FLASH DW						56		
ACTUATED CYCLE LENGTH I = 120								

MODEL: Temp Cable Plan - Mill Rd - Stage 1C (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\project\0235664\0264R72-KISH-sht-TempTSCable-Mill-Stage1C.dgn



USER NAME = jMajcher	DESIGNED - A.RODRIGUEZ	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - A.RODRIGUEZ	REVISED -
PLOT DATE = 11/10/2025	CHECKED - G.THIESSE	REVISED -
	DATE -	REVISED -




















**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

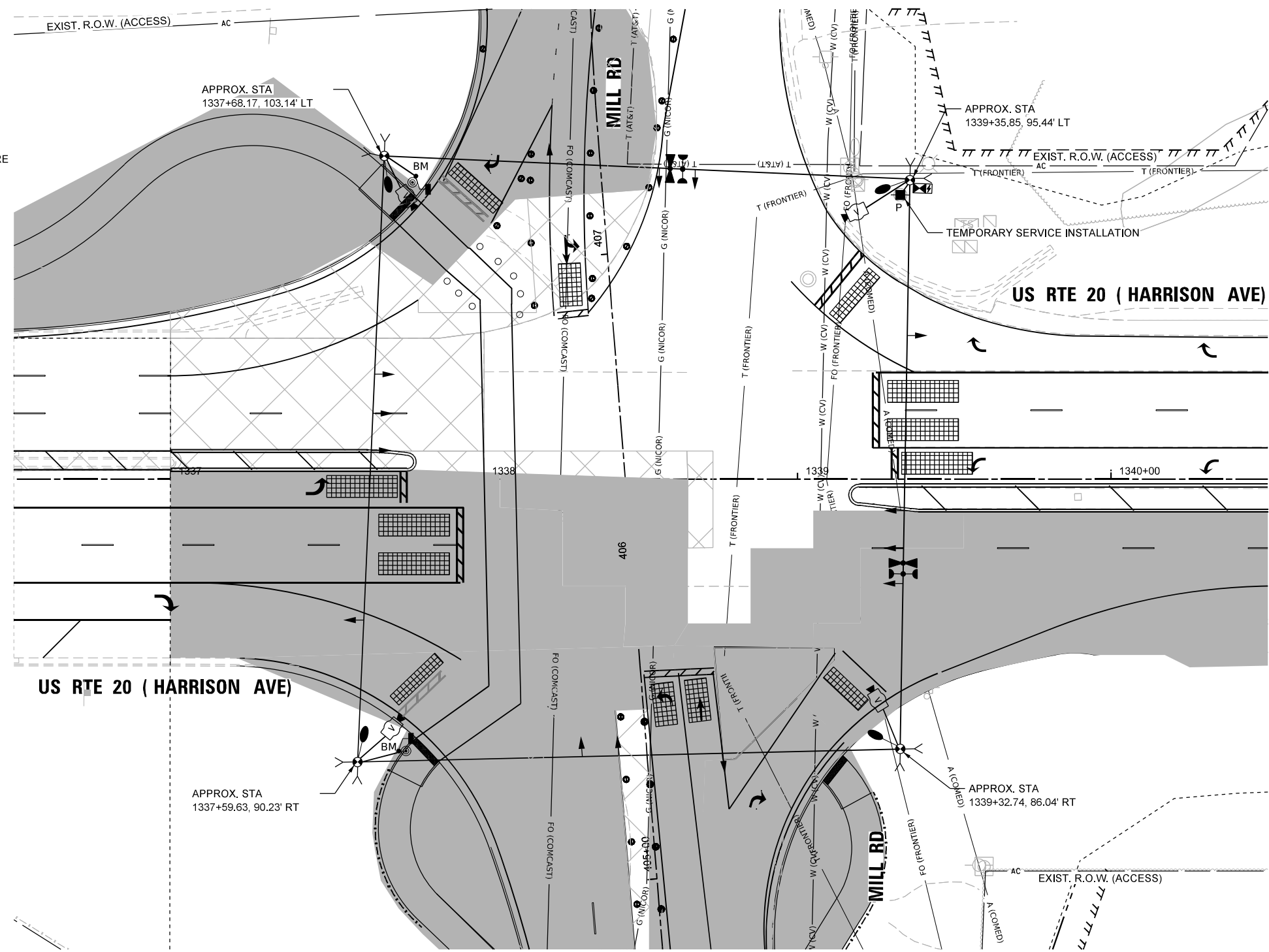
**TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 1C US 20 AND STAGE B-2 MILL RD - CABLE PLAN**

SCALE: NTS SHEET 14 OF 26 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	276
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

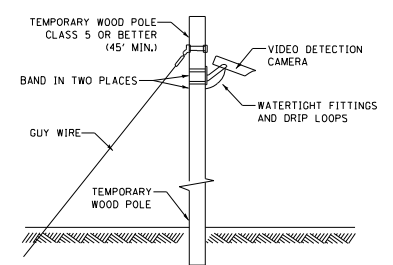
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY SIGNAL CONTROLLER
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY SIGNAL HEAD
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY VIDEO DETECTION CAMERA
-  TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
-  TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
-  * BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
-  # BAG PERMISSIVE ARROW LAMPS
-  BM TEMPORARY BARREL MOUNTED POSTED
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  VIDEO DETECTION
-  IMPACT ATTENUATORS, TEMPORARY
-  WORK ZONE
-  COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
-  TEMPORARY PAVEMENT
-  COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



NOTES:

1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
2. CONTRACTOR TO RELOCATE (ON SPAN WIRE) NORTHBOUND, SOUTHBOUND, EASTBOUND, AND WESTBOUND TEMPORARY SIGNAL HEAD ACCORDINGLY DURING MOT LANE SHIFTING.
3. SIGNAL NETWORK AND TRAFFIC CAMERAS SHALL NOT BE DOWN FOR MORE THAN FOUR HOURS.
4. FOR THE PURPOSE OF ADVANCE DETECTION, THE CONTRACTOR SHALL ENSURE THE VERTICAL CLEARANCE OF THE EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT TO BE BETWEEN 17-18 FEET FROM THE TOP OF ROADWAY GRADE TO THE BOTTOM OF THE ELLOWEST PART OF THE EVP EQUIPMENT, BUT NO LESS THAN 17 FEET. CONTACT CHERRY VALLEY FIRE PROTECTION DISTRICT 815-332-5382 TO VERIFY APPROPRIATE OPERATIONS.
5. DETECTION ZONES SHALL BE DETERMINED IN THE FIELD BY A QUALIFIED SIGNAL TECHNICIAN.
6. RELOCATE EXISTING MAST ARM MOUNTED STREET NAME SIGNS TO THE TEMPORARY TRAFFIC SIGNAL SUPPORT. THIS WORK SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
7. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.
8. INACTIVE SIGNAL HEADS SHALL BE DE-ENERGIZED AND BAGGED PER PLANS
9. BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE PROVIDED FOR ALL CROSSWALKS. BARREL MOUNTED POSTS SHALL BE RELOCATED AS NEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN CROSSWALK ACCESS AT ALL TIMES.
10. CONTACT SCOTT KULLERSTRAND - IDOT BUREAU OF OPERATIONS 815-284-5468. TWO WEEKS IN ADVANCE TO DISCUSS PROPOSED CONSTRUCTION TRAFFIC PLANS AND TO ASSIST WITH SIGNAL TIMINGS.



TEMPORARY VIDEO DETECTION MOUNTING DETAIL (NOT TO SCALE)

MODEL: PR US 20 - Mill Rd - Winter Stage (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\projects\40235684\264R72-KISH-shit-TempTs-Mill-WinterStage.dgn



USER NAME = jMajcher	DESIGNED - A.RODRIGUEZ	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - A.RODRIGUEZ	REVISED -
PLOT DATE = 11/10/2025	CHECKED - G.THIESSE	REVISED -
	DATE -	REVISED -

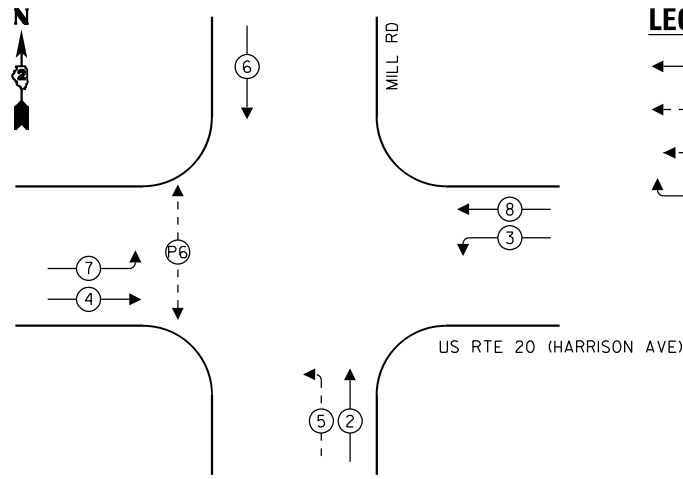
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLANS
WINTER STAGE - US 20 AND MILL RD**

SCALE: 1"=20' SHEET 15 OF 26 SHEETS STA. TO STA.

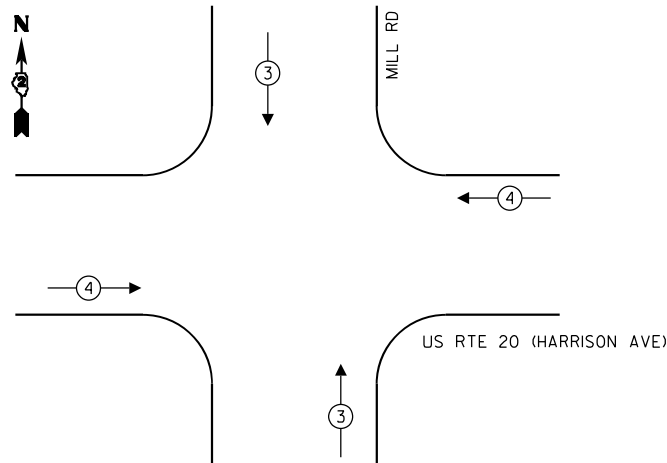
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	277
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← ⊙ → PROTECTED PHASE
 - ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
 - ← ⊙ ⊙ → PEDESTRIAN PHASE
 - ← ⊙ ⊙ OL → OVERLAP

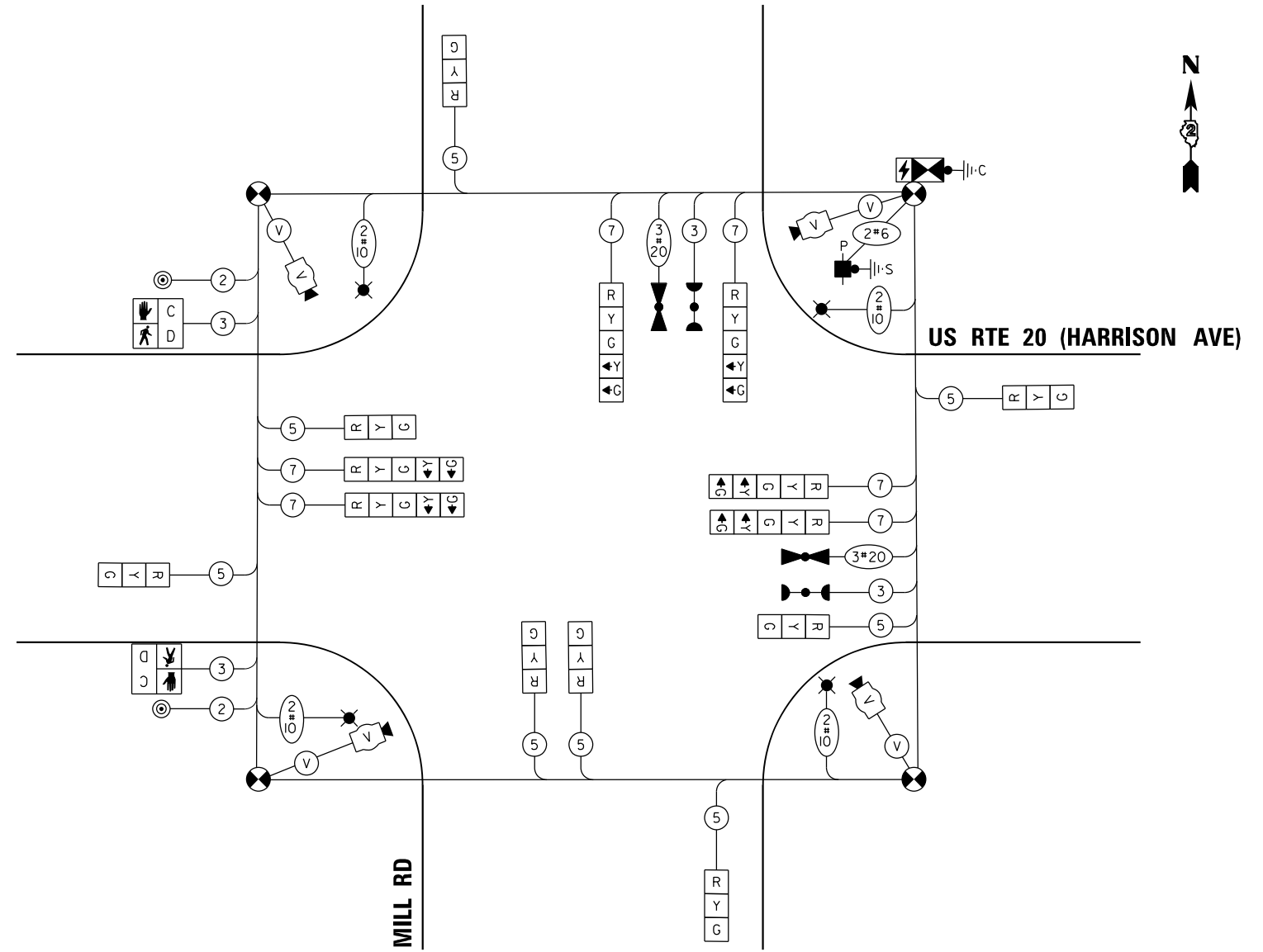
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

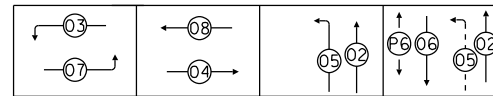
NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.



CABLE PLAN
(NOT TO SCALE)

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		65	10	45	7	65	10	45
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK						7		
FLASH DW						56		
ACTUATED CYCLE LENGTH I = 120								

MODEL: Temp Cable Plan - Mill Rd - WINTER STAGE (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\projects\0235684\2264R72-KISH-sht-TempTSCable-Mill-Winterstage.dgn



USER NAME = jMajcher	DESIGNED - A.RODRIGUEZ	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - A.RODRIGUEZ	REVISED -
PLOT DATE = 11/10/2025	CHECKED - G.THIESSE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




















**TEMPORARY TRAFFIC SIGNAL PLANS
WINTER STAGE - US 20 AND MILL RD - CABLE PLAN**

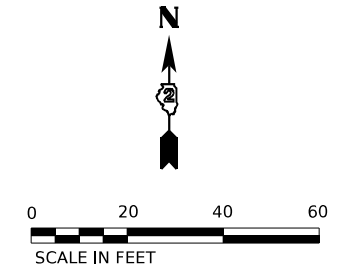
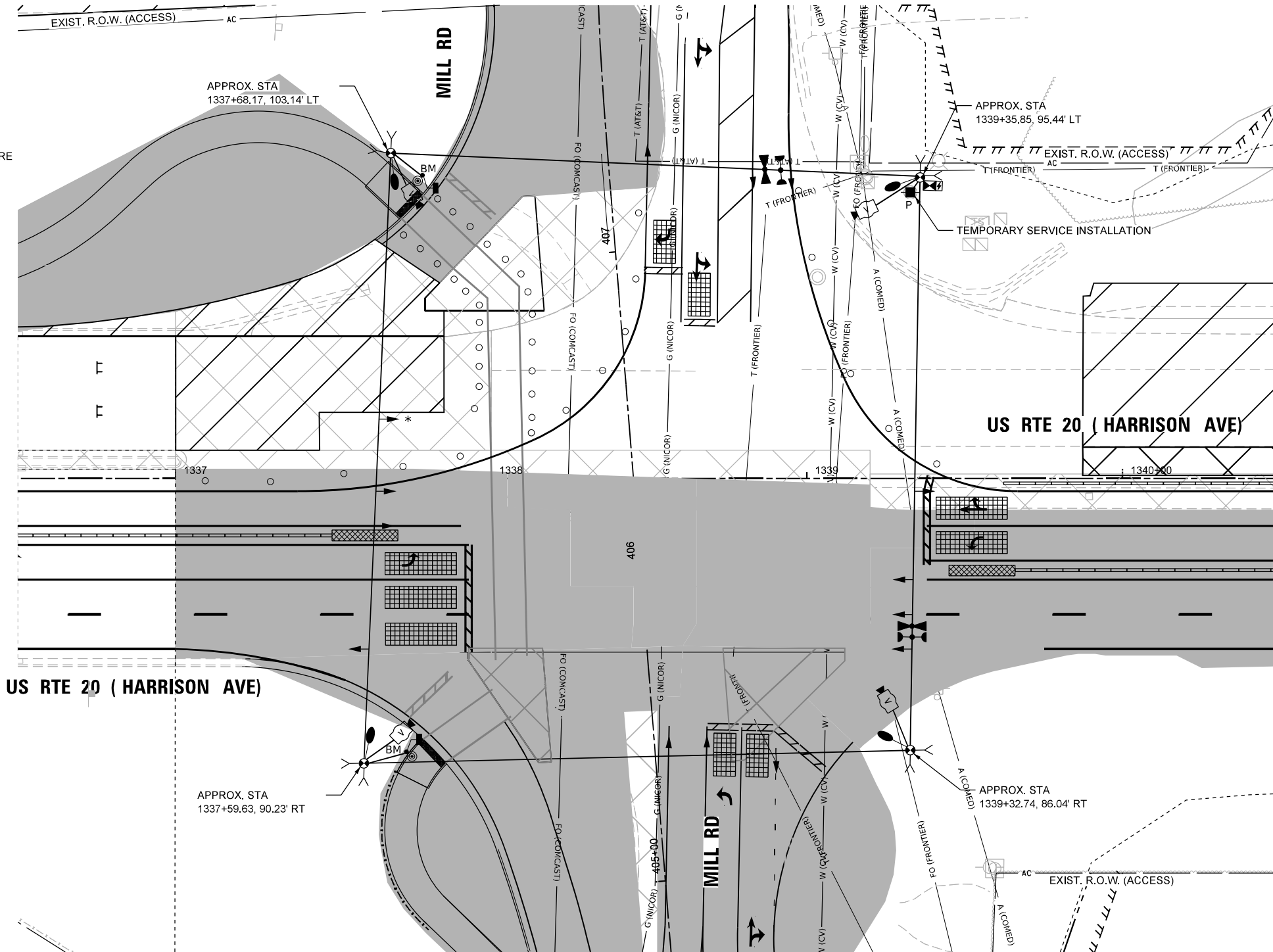
SCALE: NTS SHEET 16 OF 26 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	278
CONTRACT NO. 64R72				

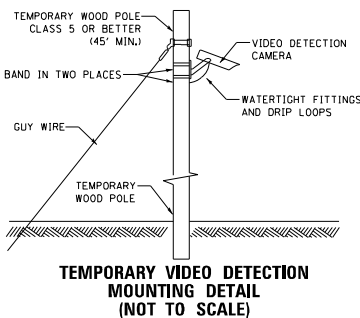
ILLINOIS FED. AID PROJECT

TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY SIGNAL CONTROLLER
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY SIGNAL HEAD
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY VIDEO DETECTION CAMERA
-  TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
-  TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
-  BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
-  BAG PERMISSIVE ARROW LAMPS
-  TEMPORARY BARREL MOUNTED POSTED
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  VIDEO DETECTION
-  IMPACT ATTENUATORS, TEMPORARY
-  WORK ZONE
-  COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
-  TEMPORARY PAVEMENT
-  COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



- NOTES:**
1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
 2. CONTRACTOR TO RELOCATE (ON SPAN WIRE) NORTHBOUND, SOUTHBOUND, EASTBOUND, AND WESTBOUND TEMPORARY SIGNAL HEAD ACCORDINGLY DURING MOT LANE SHIFTING.
 3. SIGNAL NETWORK AND TRAFFIC CAMERAS SHALL NOT BE DOWN FOR MORE THAN FOUR HOURS.
 4. FOR THE PURPOSE OF ADVANCE DETECTION, THE CONTRACTOR SHALL ENSURE THE VERTICAL CLEARANCE OF THE EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT TO BE BETWEEN 17-18 FEET FROM THE TOP OF ROADWAY GRADE TO THE BOTTOM OF THE ELLOWEST PART OF THE EVP EQUIPMENT, BUT NO LESS THAN 17 FEET. CONTACT CHERRY VALLEY FIRE PROTECTION DISTRICT 815-332-5382 TO VERIFY APPROPRIATE OPERATIONS.
 5. DETECTION ZONES SHALL BE DETERMINED IN THE FIELD BY A QUALIFIED SIGNAL TECHNICIAN.
 6. RELOCATE EXISTING MAST ARM MOUNTED STREET NAME SIGNS TO THE TEMPORARY TRAFFIC SIGNAL SUPPORT. THIS WORK SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
 7. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.
 8. INACTIVE SIGNAL HEADS SHALL BE DE-ENERGIZED AND BAGGED PER PLANS
 9. BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE PROVIDED FOR ALL CROSSWALKS. BARREL MOUNTED POSTS SHALL BE RELOCATED AS NEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN CROSSWALK ACCESS AT ALL TIMES.
 10. CONTACT SCOTT KULLERSTRAND - IDOT BUREAU OF OPERATIONS 815-284-5468, TWO WEEKS IN ADVANCE TO DISCUSS PROPOSED CONSTRUCTION TRAFFIC PLANS AND TO ASSIST WITH SIGNAL TIMINGS.



MODEL: PR US 20 - Mill Rd - USE THIS Stage 2 (Sheet)
 FILE NAME: c:\pwworkdir\benesch_projects\projects\40235684\2024\2024-02-23\TempTs-Mill-Stage2.dgn



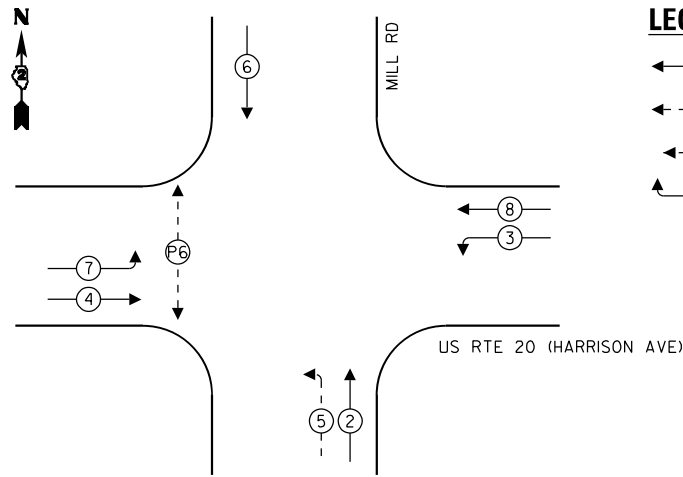
USER NAME = jworthington	DESIGNED - A. RODRIGUEZ	REVISED -
	DRAWN - A. RODRIGUEZ	REVISED -
PLOT SCALE = \$\$\$CALE\$	CHECKED - G. THIESSE	REVISED -
PLOT DATE = 2/2/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL PLANS STAGE 2 US 20 AND STAGE C MILL RD			
SCALE: 1"=20'	SHEET 17	OF 26 SHEETS	STA. TO STA.

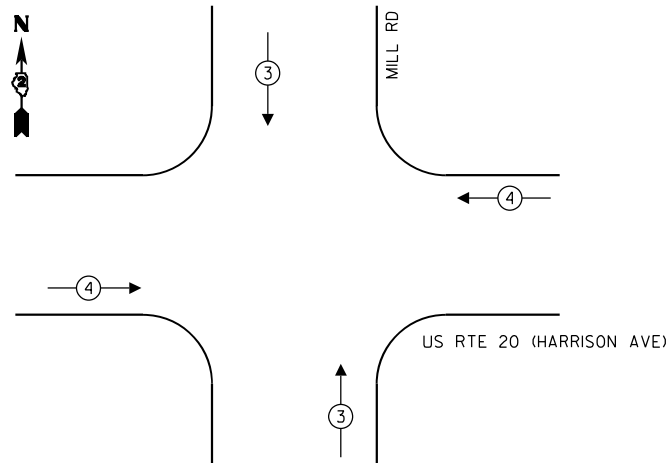
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	279
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← (⊙) ← PROTECTED PHASE
 - ← (⊙) ← PROTECTED/PERMITTED PHASE
 - ← (⊙) ← PEDESTRIAN PHASE
 - ← (⊙) ← OL OVERLAP

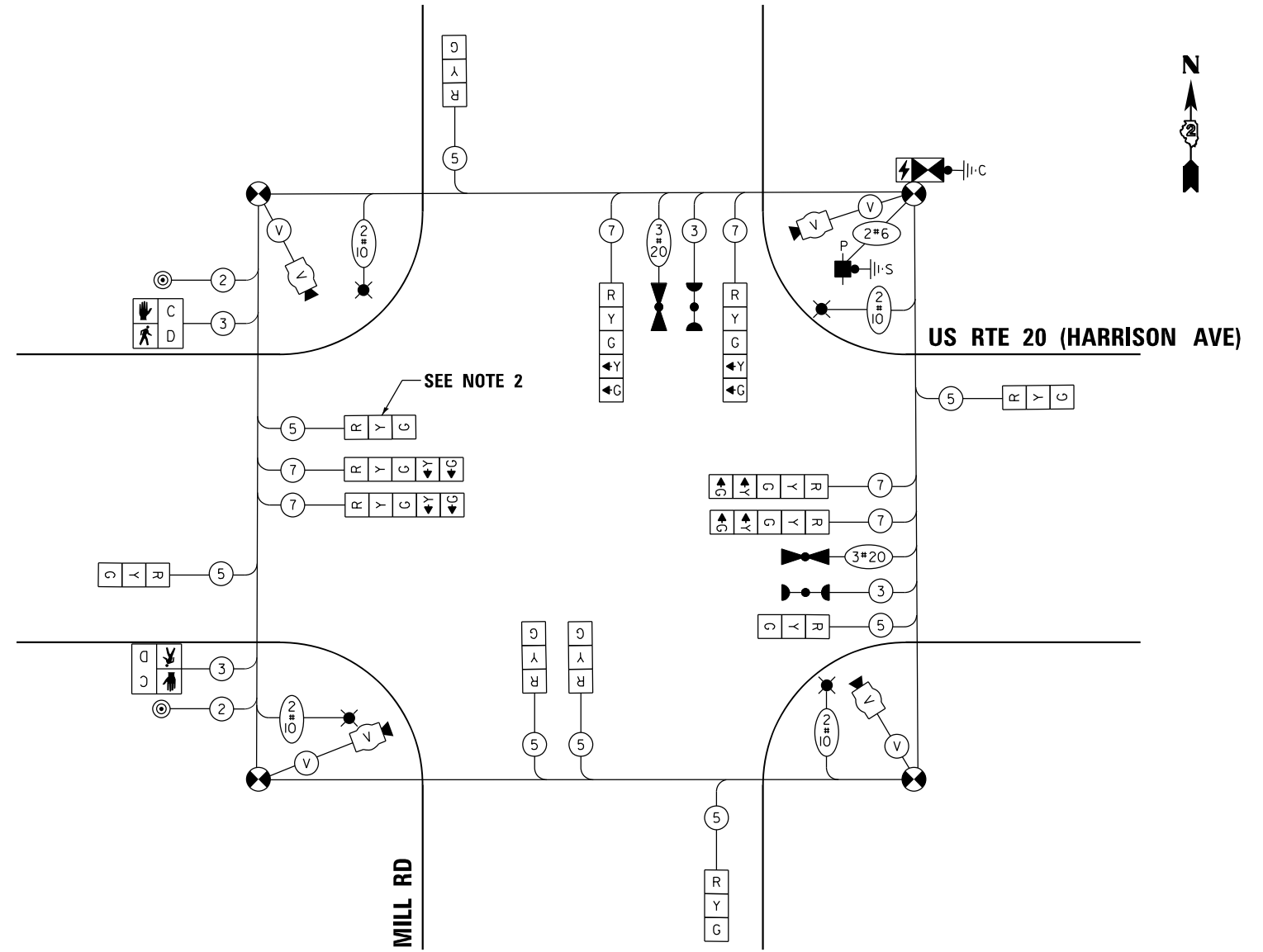
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

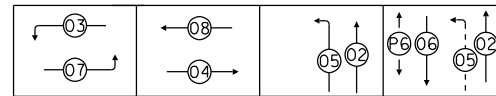
NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. BAG TRAFFIC SIGNAL HEAD AND DE-ENERGIZE



CABLE PLAN
(NOT TO SCALE)

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		65	10	45	7	65	10	45
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK						7		
FLASH DW						56		
ACTUATED CYCLE LENGTH = 120								

MODEL: Temp Cable Plan - Mill Rd - Stage 2 (Sheet)
FILE NAME: c:\pwword\benesch_projects\proj0235664\2024\472-KISH-sht-TempTSCable-Mill-Stage2.dgn



USER NAME = jMajcher	DESIGNED - A.RODRIGUEZ	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - A.RODRIGUEZ	REVISED -
PLOT DATE = 11/10/2025	CHECKED - G.THIESSE	REVISED -
	DATE -	REVISED -



















STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

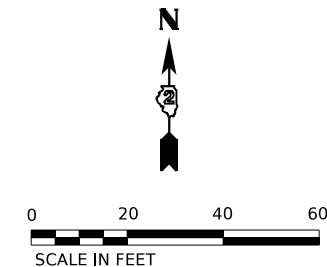
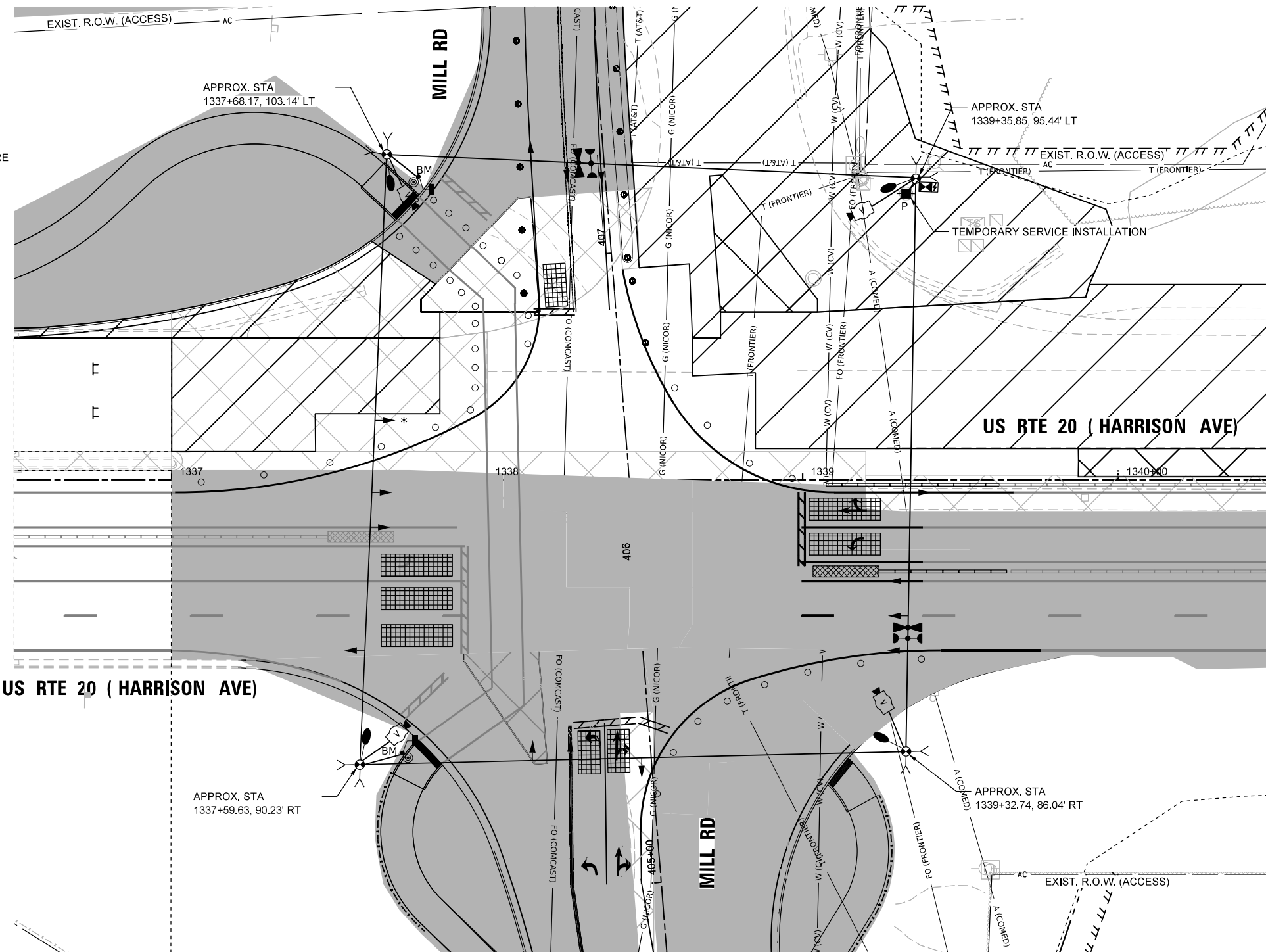
TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 2 US 20 AND STAGE C MILL RD - CABLE PLAN

SCALE: NTS SHEET 18 OF 26 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	280
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

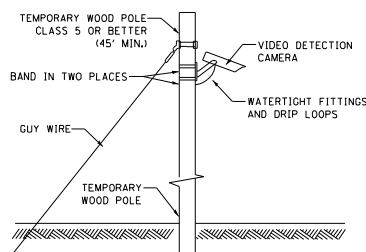
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY SIGNAL CONTROLLER
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY SIGNAL HEAD
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY VIDEO DETECTION CAMERA
-  TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
-  TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
-  BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
-  BAG PERMISSIVE ARROW LAMPS
-  TEMPORARY BARREL MOUNTED POSTED
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  VIDEO DETECTION
-  IMPACT ATTENUATORS, TEMPORARY
-  WORK ZONE
-  COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
-  TEMPORARY PAVEMENT
-  COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



NOTES:

1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
2. CONTRACTOR TO RELOCATE (ON SPAN WIRE) NORTHBOUND, SOUTHBOUND, EASTBOUND, AND WESTBOUND TEMPORARY SIGNAL HEAD ACCORDINGLY DURING MOT LANE SHIFTING.
3. SIGNAL NETWORK AND TRAFFIC CAMERAS SHALL NOT BE DOWN FOR MORE THAN FOUR HOURS.
4. FOR THE PURPOSE OF ADVANCE DETECTION, THE CONTRACTOR SHALL ENSURE THE VERTICAL CLEARANCE OF THE EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT TO BE BETWEEN 17-18 FEET FROM THE TOP OF ROADWAY GRADE TO THE BOTTOM OF THE ELLOWEST PART OF THE EVP EQUIPMENT, BUT NO LESS THAN 17 FEET. CONTACT CHERRY VALLEY FIRE PROTECTION DISTRICT 815-332-5382 TO VERIFY APPROPRIATE OPERATIONS.
5. DETECTION ZONES SHALL BE DETERMINED IN THE FIELD BY A QUALIFIED SIGNAL TECHNICIAN.
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7. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.
8. INACTIVE SIGNAL HEADS SHALL BE DE-ENERGIZED AND BAGGED PER PLANS
9. BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE PROVIDED FOR ALL CROSSWALKS. BARREL MOUNTED POSTS SHALL BE RELOCATED AS NEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN CROSSWALK ACCESS AT ALL TIMES.
10. CONTACT SCOTT KULLERSTRAND - IDOT BUREAU OF OPERATIONS 815-284-5468, TWO WEEKS IN ADVANCE TO DISCUSS PROPOSED CONSTRUCTION TRAFFIC PLANS AND TO ASSIST WITH SIGNAL TIMINGS.



TEMPORARY VIDEO DETECTION MOUNTING DETAIL (NOT TO SCALE)

MODEL: PR US 20 - Mill Rd - USE THIS Stage 2 (Sheet) FILE NAME: c:\pwworkdir\benesch_projects\projects\64264R72-KISH-shit-TempTs-Mill-Stage2.dgn



USER NAME	= jworthington
PLOT SCALE	= \$\$SCALE\$
PLOT DATE	= 2/2/2025

DESIGNED	- A. RODRIGUEZ	REVISED	-
DRAWN	- A. RODRIGUEZ	REVISED	-
CHECKED	- G. THIESSE	REVISED	-
DATE	-	REVISED	-

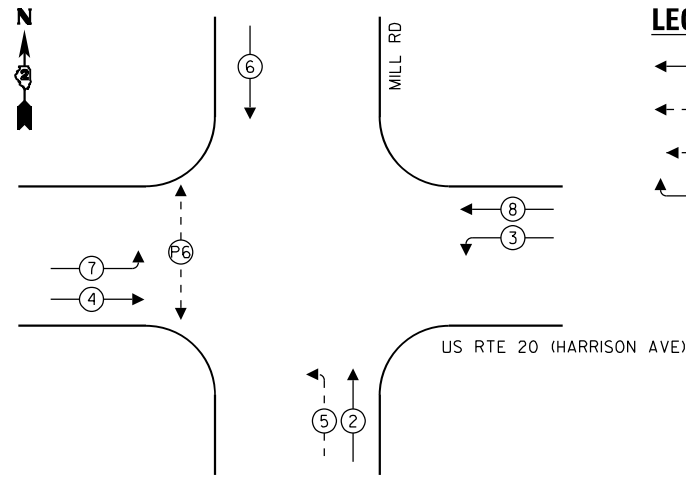
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLANS
US-20 AND STAGE D MILL RD

SCALE: 1"=20' SHEET 19 OF 26 SHEETS STA. TO STA.

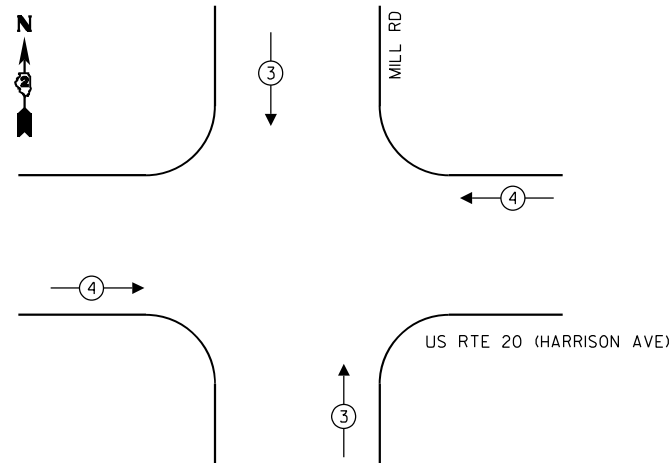
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	281
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← ⊙ → PROTECTED PHASE
 - ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
 - ← ⊙ ⊙ → PEDESTRIAN PHASE
 - ← ⊙ ⊙ OL → OVERLAP

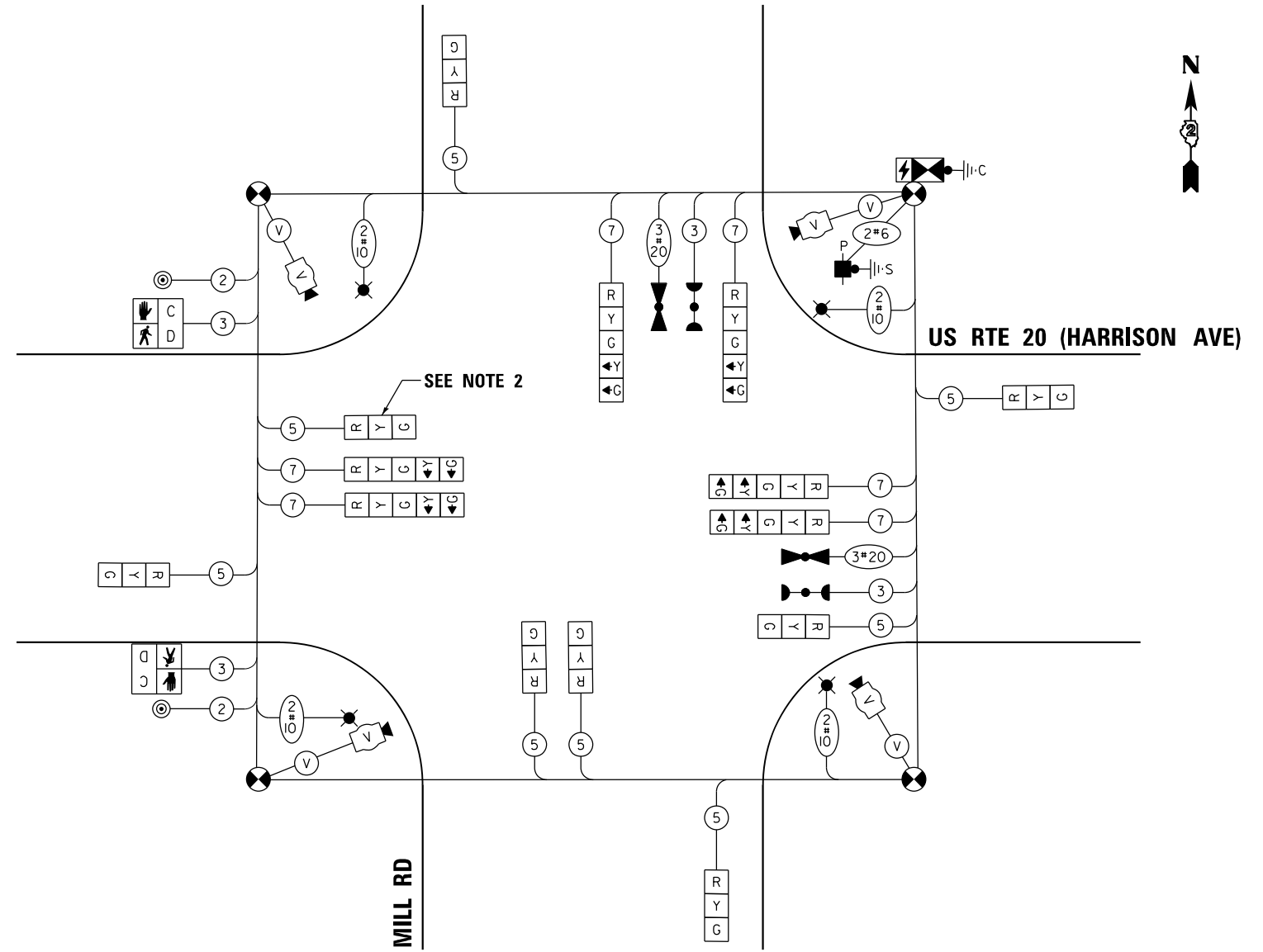
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

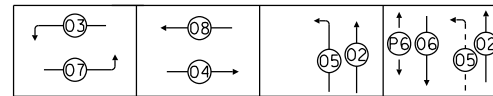
NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. BAG TRAFFIC SIGNAL HEAD AND DE-ENERGIZE



CABLE PLAN
(NOT TO SCALE)

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		65	10	45	7	65	10	45
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK						7		
FLASH DW						56		
ACTUATED CYCLE LENGTH = 120								

MODEL: Temp Cable Plan - Mill Rd - Stage 2-2 (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\projects\0235664\2264R72-KISH-sht-TempTSCable-Mill-Stage2-2.dgn



USER NAME = arodriguez	DESIGNED - A. RODRIGUEZ	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - A. RODRIGUEZ	REVISED -
PLOT DATE = 12/2/2025	CHECKED - G.THIESSE	REVISED -
	DATE -	REVISED -




















STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

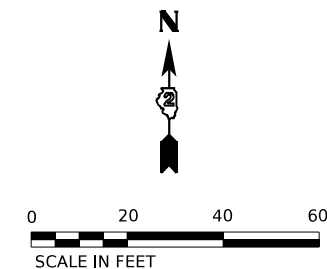
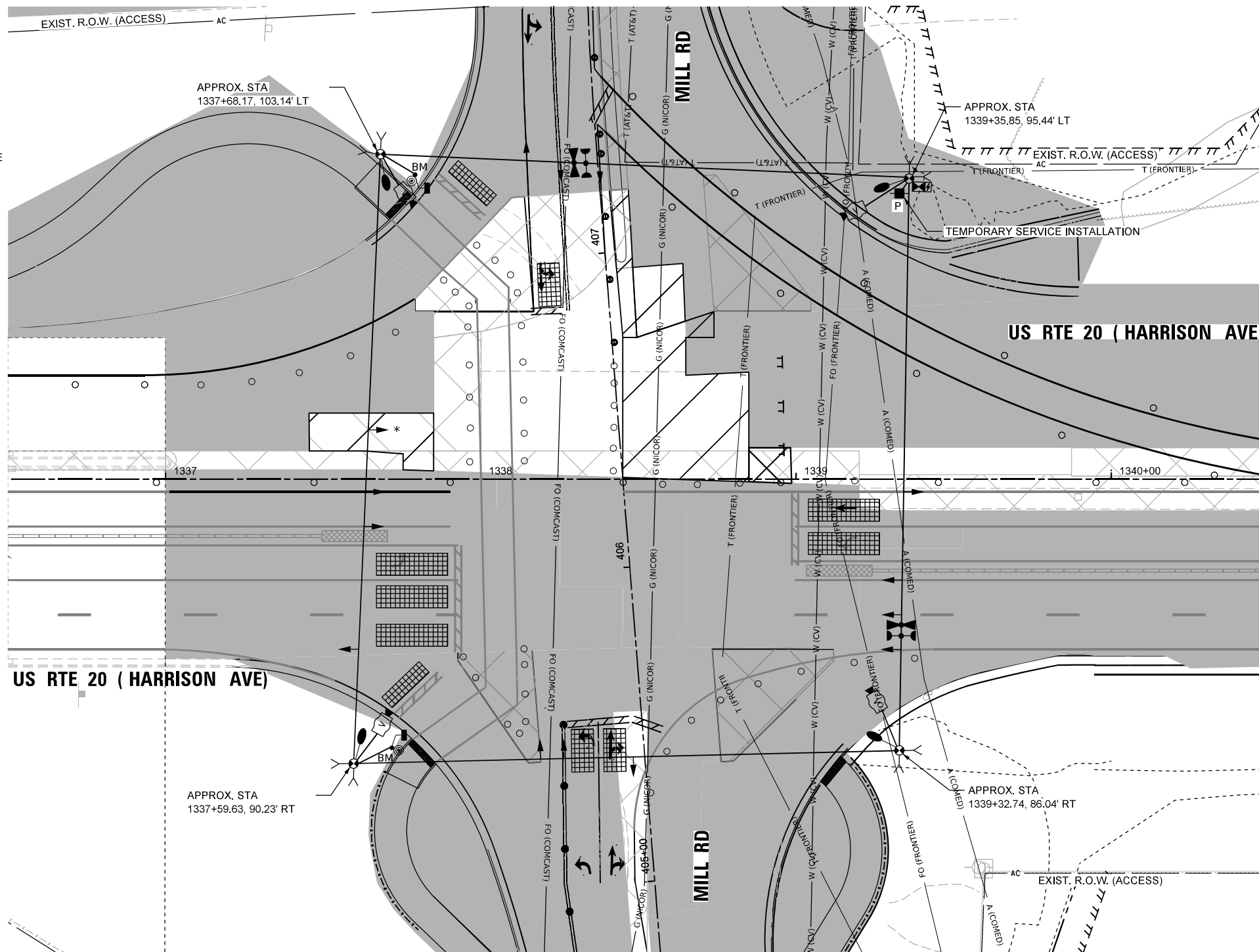
TEMPORARY TRAFFIC SIGNAL PLANS
US-20 AND STAGE D MILL ROAD - CABLE PLAN

SCALE: NTS SHEET 20 OF 26 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	282
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

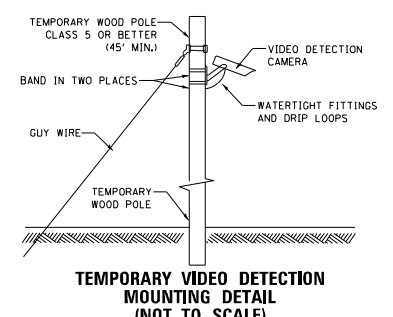
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY SIGNAL CONTROLLER
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY SIGNAL HEAD
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY VIDEO DETECTION CAMERA
-  TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
-  TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
-  * BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
-  # BAG PERMISSIVE ARROW LAMPS
-  BM TEMPORARY BARREL MOUNTED POSTED
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  VIDEO DETECTION
-  IMPACT ATTENUATORS, TEMPORARY
-  WORK ZONE
-  COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
-  TEMPORARY PAVEMENT
-  COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



NOTES:

1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
2. CONTRACTOR TO RELOCATE (ON SPAN WIRE) NORTHBOUND, SOUTHBOUND, EASTBOUND, AND WESTBOUND TEMPORARY SIGNAL HEAD ACCORDINGLY DURING MOT LANE SHIFTING.
3. SIGNAL NETWORK AND TRAFFIC CAMERAS SHALL NOT BE DOWN FOR MORE THAN FOUR HOURS.
4. FOR THE PURPOSE OF ADVANCE DETECTION, THE CONTRACTOR SHALL ENSURE THE VERTICAL CLEARANCE OF THE EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT TO BE BETWEEN 17-18 FEET FROM THE TOP OF ROADWAY GRADE TO THE BOTTOM OF THE LOWEST PART OF THE EVP EQUIPMENT, BUT NO LESS THAN 17 FEET. CONTACT CHERRY VALLEY FIRE PROTECTION DISTRICT 815-332-5382 TO VERIFY APPROPRIATE OPERATIONS.
5. DETECTION ZONES SHALL BE DETERMINED IN THE FIELD BY A QUALIFIED SIGNAL TECHNICIAN.
6. RELOCATE EXISTING MAST ARM MOUNTED STREET NAME SIGNS TO THE TEMPORARY TRAFFIC SIGNAL SUPPORT. THIS WORK SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
7. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.
8. INACTIVE SIGNAL HEADS SHALL BE DE-ENERGIZED AND BAGGED PER PLANS
9. BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE PROVIDED FOR ALL CROSSWALKS. BARREL MOUNTED POSTS SHALL BE RELOCATED AS NEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN CROSSWALK ACCESS AT ALL TIMES.
10. CONTACT SCOTT KULLERSTRAND - IDOT BUREAU OF OPERATIONS 815-284-5468, TWO WEEKS IN ADVANCE TO DISCUSS PROPOSED CONSTRUCTION TRAFFIC PLANS AND TO ASSIST WITH SIGNAL TIMINGS.



MODEL: PR US 20 - Mill Rd - USE THIS Stage 2B (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\projects\0235684\2024\2024-02-28\2024-02-28\TempTs-Mill-Stage2B.dgn



USER NAME = jworthington	DESIGNED - A. RODRIGUEZ	REVISED -
	DRAWN - A. RODRIGUEZ	REVISED -
PLOT SCALE = \$\$CALE\$	CHECKED - G. THIESSE	REVISED -
PLOT DATE = 2/2/2025	DATE -	REVISED -

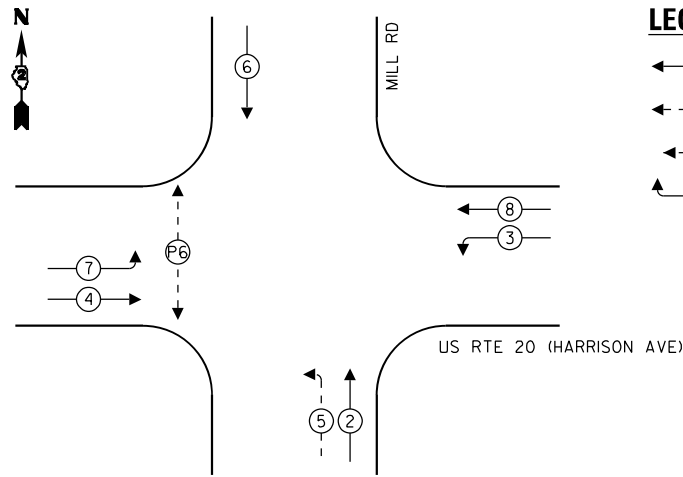
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 2B US 20 AND STAGE D-2 MILL RD**

SCALE: 1"=20' SHEET 21 OF 26 SHEETS STA. TO STA.

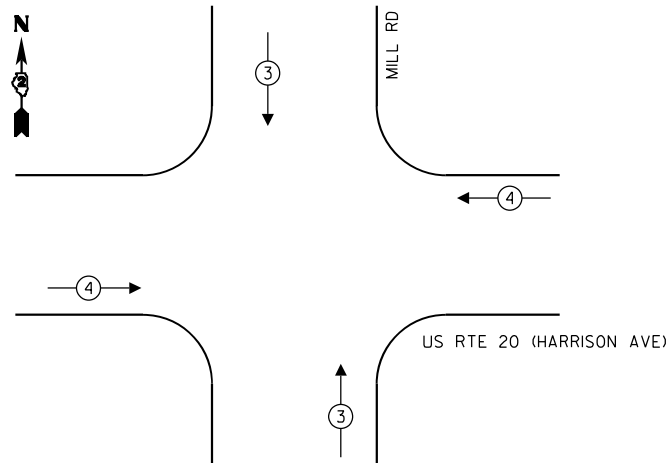
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	283
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← ⊙ → PROTECTED PHASE
 - ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
 - ← ⊙ ⊙ → PEDESTRIAN PHASE
 - ← ⊙ ⊙ OL → OVERLAP

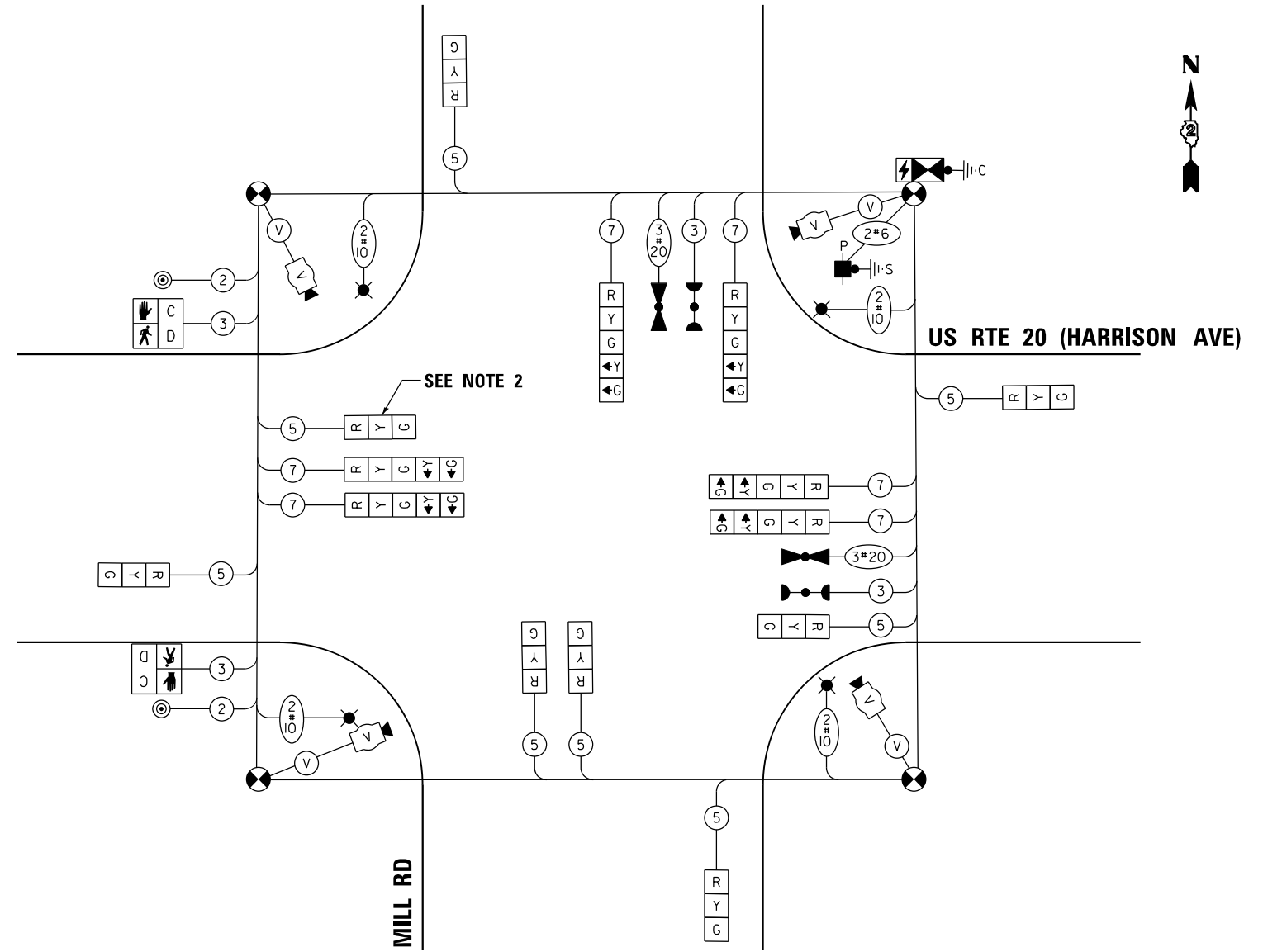
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↕	↔

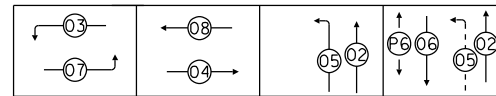
NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. BAG TRAFFIC SIGNAL HEAD AND DE-ENERGIZE



CABLE PLAN
(NOT TO SCALE)

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		65	10	45	7	65	10	45
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK						7		
FLASH DW						56		
ACTUATED CYCLE LENGTH I = 120								

MODEL: Temp Cable Plan - Mill Rd - Stage 2B (Sheet) FILE NAME: c:\pwworkdir\benesch_projects\project\0235664\2264R72-KISH-sht-TempTSCable-Mill-Stage2B.dgn



USER NAME = jMajcher	DESIGNED - A.RODRIGUEZ	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - A.RODRIGUEZ	REVISED -
PLOT DATE = 11/24/2025	CHECKED - G.THIESSE	REVISED -
	DATE -	REVISED -




















STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

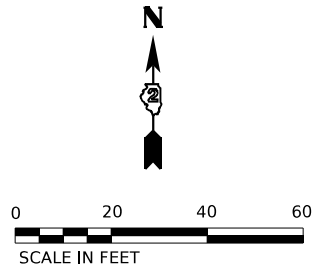
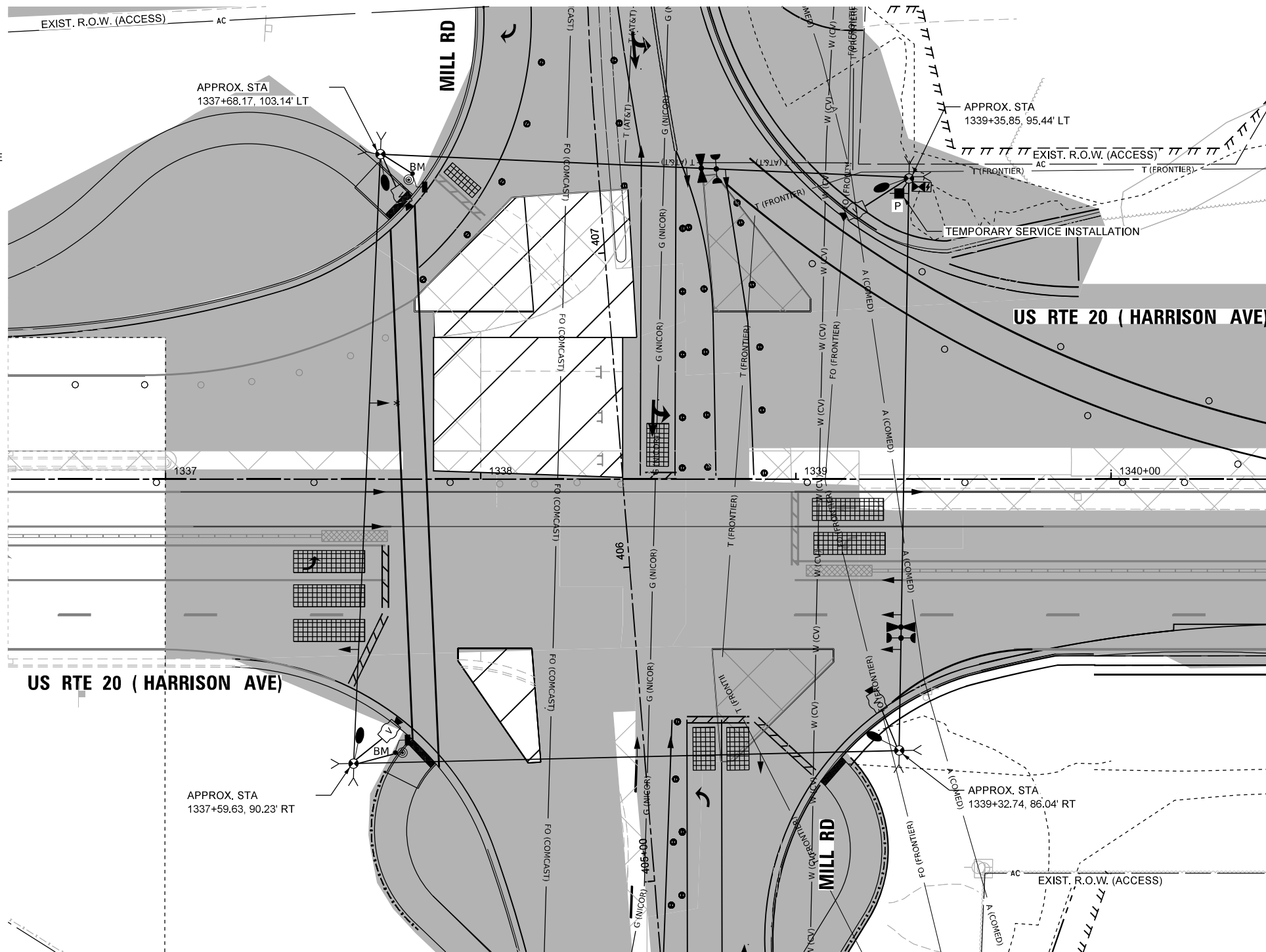
TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 2B US 20 AND STAGE D-2 MILL RD - CABLE PLAN

SCALE: NTS SHEET 22 OF 26 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	284
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

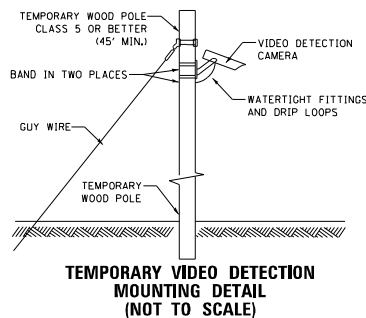
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY SIGNAL CONTROLLER
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY SIGNAL HEAD
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY VIDEO DETECTION CAMERA
-  TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
-  TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
-  BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
-  BAG PERMISSIVE ARROW LAMPS
-  TEMPORARY BARREL MOUNTED POSTED
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  VIDEO DETECTION
-  IMPACT ATTENUATORS, TEMPORARY
-  WORK ZONE
-  COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
-  TEMPORARY PAVEMENT
-  COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



NOTES:

1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
2. CONTRACTOR TO RELOCATE (ON SPAN WIRE) NORTHBOUND, SOUTHBOUND, EASTBOUND, AND WESTBOUND TEMPORARY SIGNAL HEAD ACCORDINGLY DURING MOT LANE SHIFTING.
3. SIGNAL NETWORK AND TRAFFIC CAMERAS SHALL NOT BE DOWN FOR MORE THAN FOUR HOURS.
4. FOR THE PURPOSE OF ADVANCE DETECTION, THE CONTRACTOR SHALL ENSURE THE VERTICAL CLEARANCE OF THE EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT TO BE BETWEEN 17-18 FEET FROM THE TOP OF ROADWAY GRADE TO THE BOTTOM OF THE ELLOWEST PART OF THE EVP EQUIPMENT, BUT NO LESS THAN 17 FEET. CONTACT CHERRY VALLEY FIRE PROTECTION DISTRICT 815-332-5382 TO VERIFY APPROPRIATE OPERATIONS.
5. DETECTION ZONES SHALL BE DETERMINED IN THE FIELD BY A QUALIFIED SIGNAL TECHNICIAN.
6. RELOCATE EXISTING MAST ARM MOUNTED STREET NAME SIGNS TO THE TEMPORARY TRAFFIC SIGNAL SUPPORT. THIS WORK SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
7. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.
8. INACTIVE SIGNAL HEADS SHALL BE DE-ENERGIZED AND BAGGED PER PLANS
9. BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE PROVIDED FOR ALL CROSSWALKS. BARREL MOUNTED POSTS SHALL BE RELOCATED AS NEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN CROSSWALK ACCESS AT ALL TIMES.
10. CONTACT SCOTT KULLERSTRAND - IDOT BUREAU OF OPERATIONS 815-284-5468. TWO WEEKS IN ADVANCE TO DISCUSS PROPOSED CONSTRUCTION TRAFFIC PLANS AND TO ASSIST WITH SIGNAL TIMINGS.



MODEL: PR US 20 - Mill Rd - USE THIS Stage 2C (Sheet) FILE NAME: c:\pwworkdir\benesch_projects\projects\40235684\2024\2024-12-26\40235684-2024-12-26\TempTs-Mill-Stage2C.dgn



USER NAME = arodriguez	DESIGNED - A. RODRIGUEZ	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - A. RODRIGUEZ	REVISED -
PLOT DATE = 11/7/2025	CHECKED - G. THIESSE	REVISED -
	DATE -	REVISED -

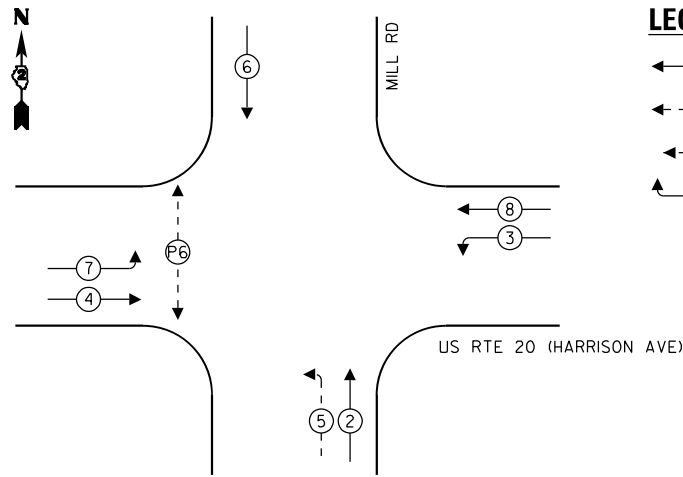
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 2C US 20 AND STAGE D-3 MILL RD**

SCALE: 1"=20' SHEET 23 OF 26 SHEETS STA. TO STA.

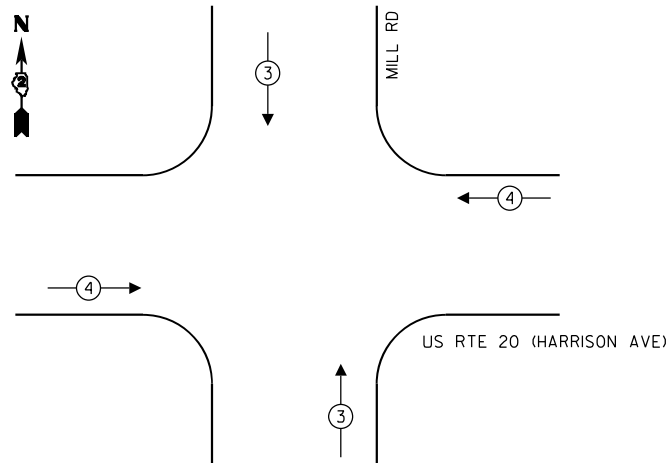
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	285
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← (⊙) ← PROTECTED PHASE
 - ← (⊙) ← PROTECTED/PERMITTED PHASE
 - ← (⊙) ← PEDESTRIAN PHASE
 - ← (⊙) ← OVERLAP

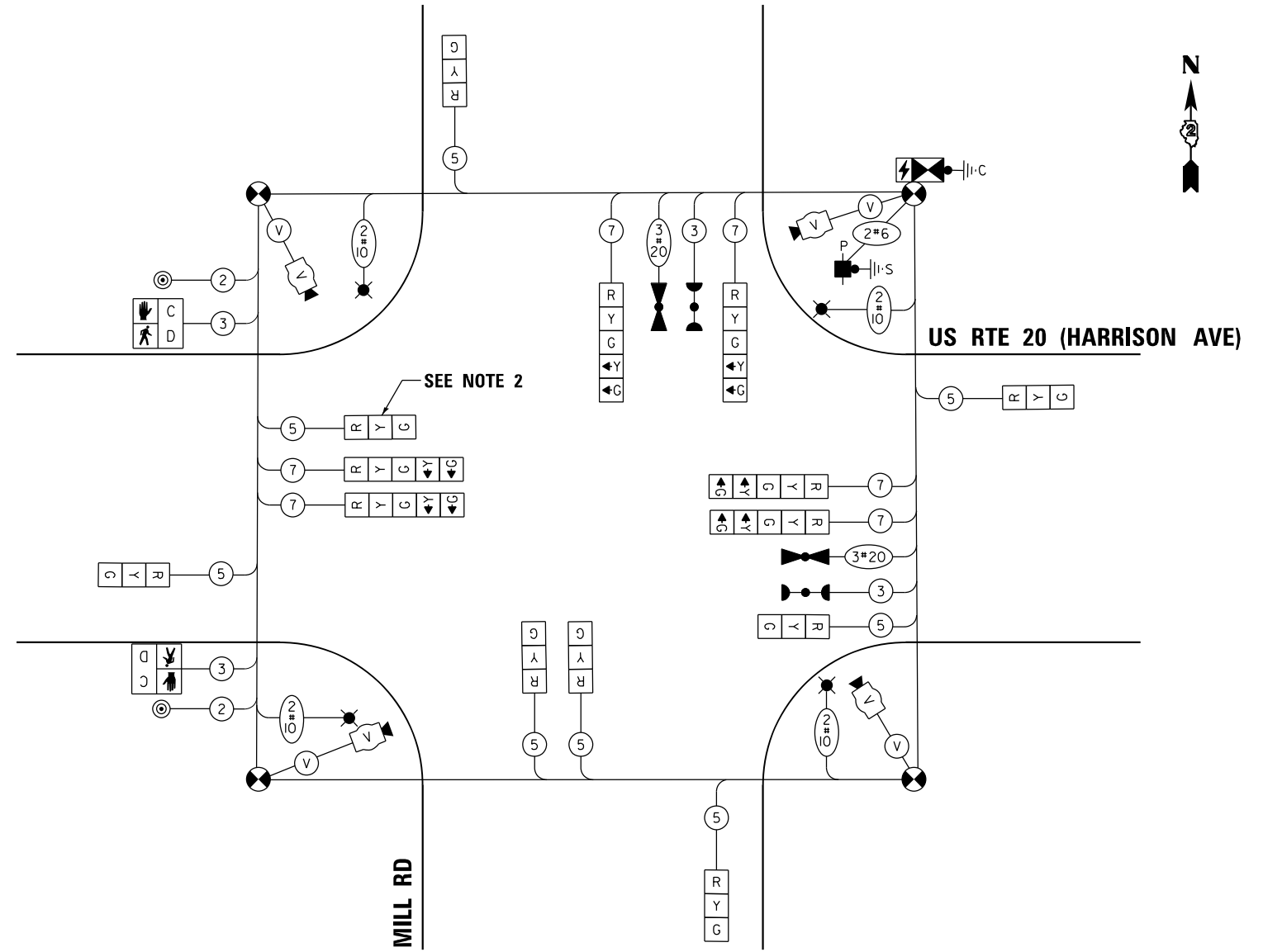
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

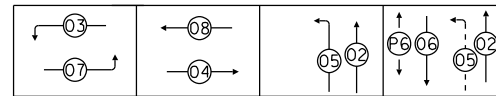
NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. BAG TRAFFIC SIGNAL HEAD AND DE-ENERGIZE



CABLE PLAN
(NOT TO SCALE)

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		65	10	45	7	65	10	45
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK						7		
FLASH DW						56		
ACTUATED CYCLE LENGTH I = 120								

MODEL: Temp Cable Plan - Mill Rd - Stage 2C (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\project\02356641\2264R72-KISH-sht-TempTSCable-Mill-Stage2C.dgn



USER NAME = arodriguez
DESIGNED - A.RODRIGUEZ
DRAWN - A.RODRIGUEZ
CHECKED - G.THIESSE
PLOT SCALE = \$SCALE\$
PLOT DATE = 11/7/2025

DESIGNED - A.RODRIGUEZ
DRAWN - A.RODRIGUEZ
CHECKED - G.THIESSE
DATE -

REVISED -
REVISED -
REVISED -
REVISED -




















**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

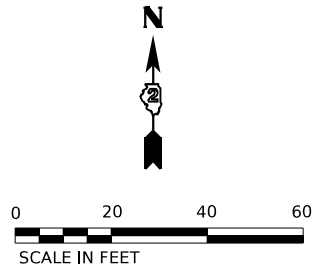
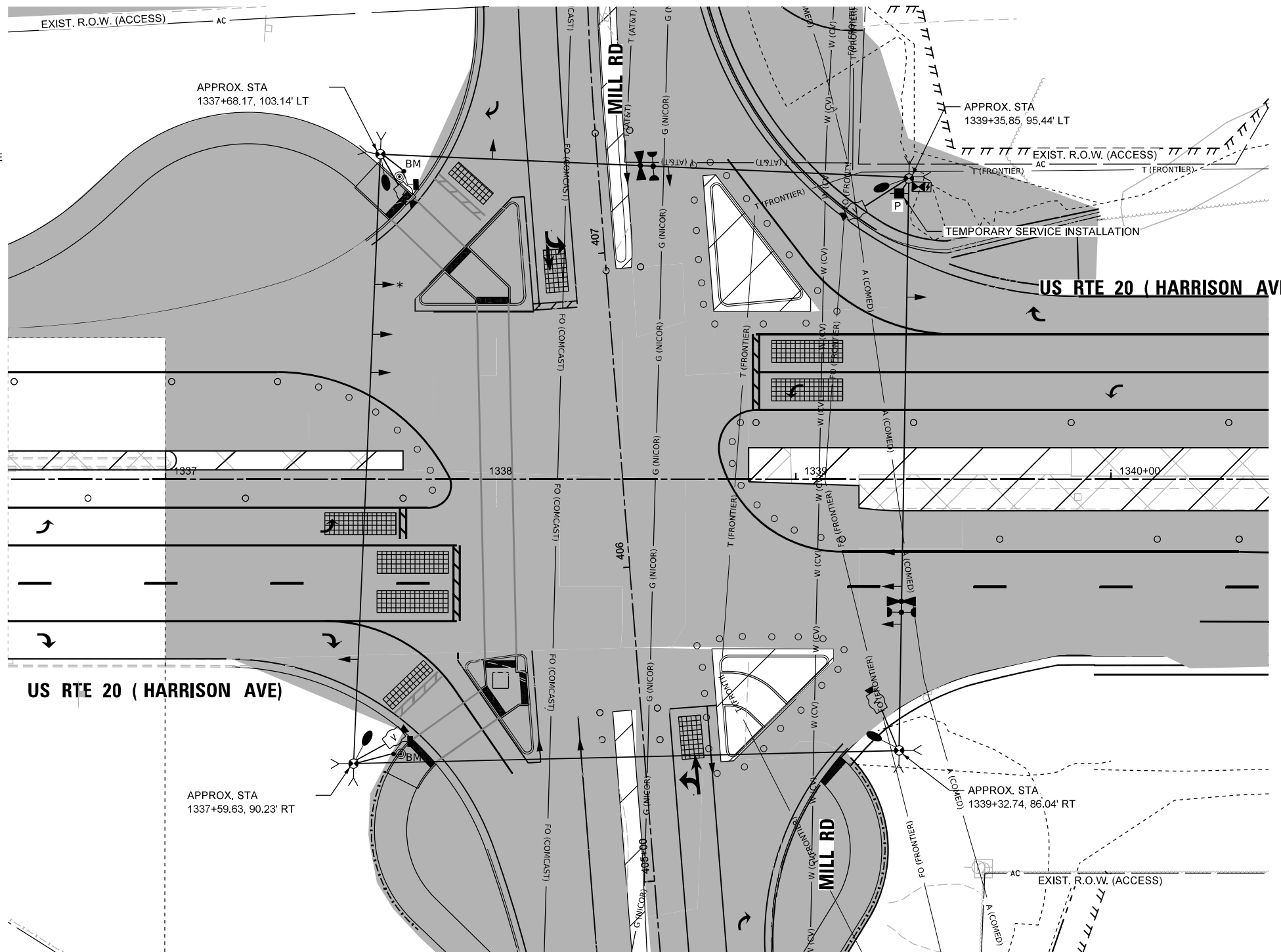
**TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 2C US 20 AND STAGE D-3 MILL RD - CABLE PLAN**

SCALE: NTS SHEET 24 OF 26 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	286
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

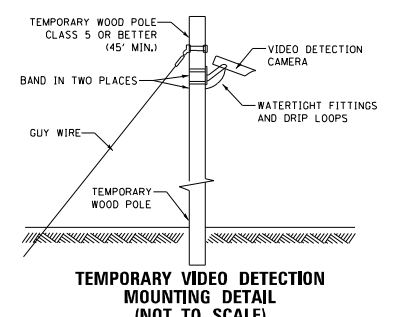
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY SIGNAL CONTROLLER
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY SIGNAL HEAD
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY VIDEO DETECTION CAMERA
-  TEMPORARY VEHICLE LIGHT DETECTOR/ CONFIRMATION BEACON
-  TEMPORARY 15' MAST ARM AND LED LUMINAIRE OUTPUT DESIGNATION H
-  BAG AND DEACTIVATE ENTIRE SIGNAL HEAD
-  BAG PERMISSIVE ARROW LAMPS
-  TEMPORARY BARREL MOUNTED POSTED
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  VIDEO DETECTION
-  IMPACT ATTENUATORS, TEMPORARY
-  WORK ZONE
-  COMPLETED CONSTRUCTION (PREVIOUS STAGE WORK ZONE)
-  TEMPORARY PAVEMENT
-  COMPLETED TEMPORARY PAVEMENT (PREVIOUS STAGE WORK ZONE)



NOTES:

1. THE WOOD POLES SHALL BE LOCATED TO AVOID BURIED UTILITIES. LOCATIONS OF BURIED UTILITIES ARE BASED ON RECORDS. THE CONTRACTOR SHALL FIELD SURVEY THE FINAL LOCATION OF EACH WOOD POLE.
2. CONTRACTOR TO RELOCATE (ON SPAN WIRE) NORTHBOUND, SOUTHBOUND, EASTBOUND, AND WESTBOUND TEMPORARY SIGNAL HEAD ACCORDINGLY DURING MOT LANE SHIFTING.
3. SIGNAL NETWORK AND TRAFFIC CAMERAS SHALL NOT BE DOWN FOR MORE THAN FOUR HOURS.
4. FOR THE PURPOSE OF ADVANCE DETECTION, THE CONTRACTOR SHALL ENSURE THE VERTICAL CLEARANCE OF THE EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT TO BE BETWEEN 17-18 FEET FROM THE TOP OF ROADWAY GRADE TO THE BOTTOM OF THE LOWEST PART OF THE EVP EQUIPMENT, BUT NO LESS THAN 17 FEET. CONTACT CHERRY VALLEY FIRE PROTECTION DISTRICT 815-332-5382 TO VERIFY APPROPRIATE OPERATIONS.
5. DETECTION ZONES SHALL BE DETERMINED IN THE FIELD BY A QUALIFIED SIGNAL TECHNICIAN.
6. RELOCATE EXISTING MAST ARM MOUNTED STREET NAME SIGNS TO THE TEMPORARY TRAFFIC SIGNAL SUPPORT. THIS WORK SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
7. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.
8. INACTIVE SIGNAL HEADS SHALL BE DE-ENERGIZED AND BAGGED PER PLANS
9. BARREL MOUNTED POSTS WITH PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE PROVIDED FOR ALL CROSSWALKS. BARREL MOUNTED POSTS SHALL BE RELOCATED AS NEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN CROSSWALK ACCESS AT ALL TIMES.
10. CONTACT SCOTT KULLERSTRAND - IDOT BUREAU OF OPERATIONS 815-284-5468, TWO WEEKS IN ADVANCE TO DISCUSS PROPOSED CONSTRUCTION TRAFFIC PLANS AND TO ASSIST WITH SIGNAL TIMINGS.



MODEL: PR US 20 - Mill Rd - USE THIS Stage 3 (Sheet)
 FILE NAME: c:\pwworkdir\benesch_projects\projects\64264R72-KISH-shit-TempTs-Mill-Stage3.dgn



USER NAME =	a.rodriquez
DESIGNED -	A. RODRIGUEZ
DRAWN -	A. RODRIGUEZ
PLOT SCALE =	\$\$\$CALE\$
PLOT DATE =	11/7/2025

DESIGNED -	A. RODRIGUEZ	REVISED -	
DRAWN -	A. RODRIGUEZ	REVISED -	
CHECKED -	G. THIESSE	REVISED -	
DATE -		REVISED -	

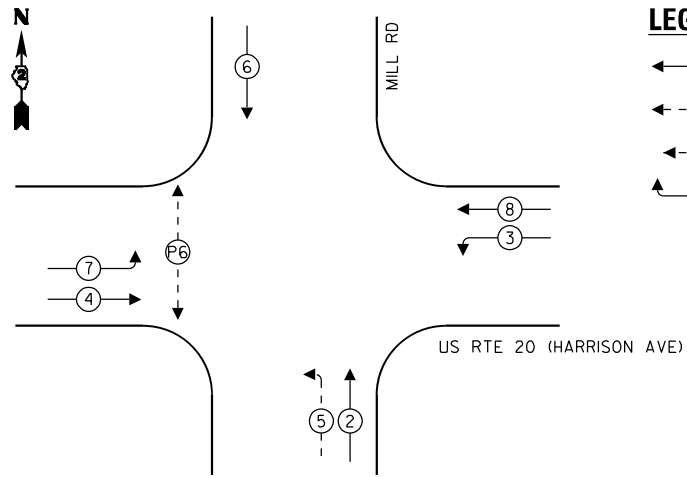
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 3 US 20 AND STAGE E MILL RD

SCALE: 1"=20' SHEET 25 OF 26 SHEETS STA. TO STA.

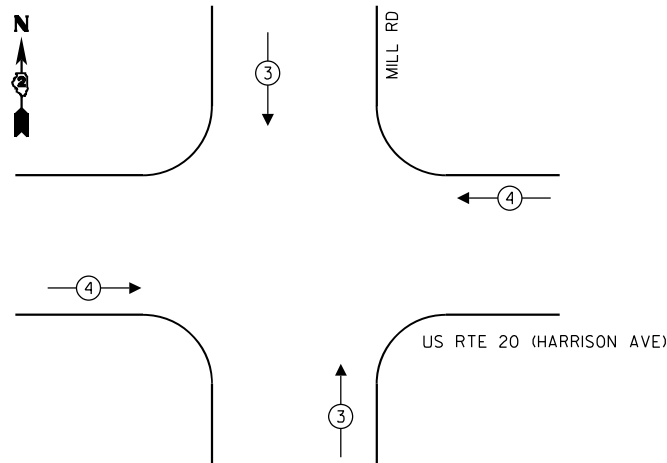
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	287
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← * → PROTECTED PHASE
 - ← - * - → PROTECTED/PERMITTED PHASE
 - ← * → PEDESTRIAN PHASE
 - ← * OL → OVERLAP

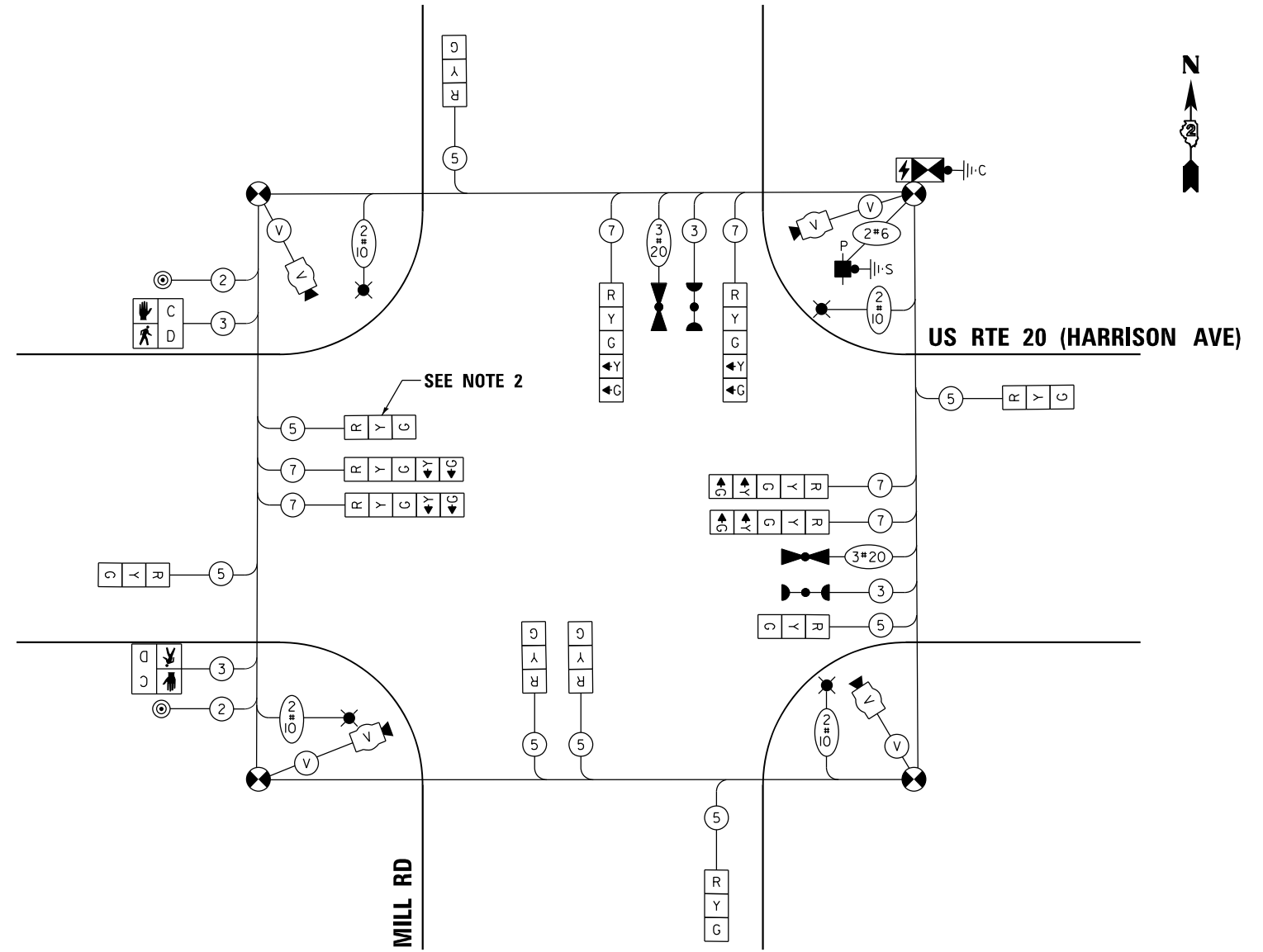
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

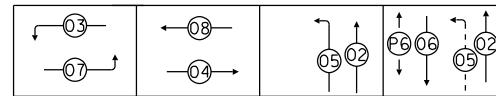
NOTES:

1. CONTRACTOR TO VERIFY AND OPTIMIZE SIGNAL TIMINGS PER FIELD CONDITIONS.
2. BAG TRAFFIC SIGNAL HEAD AND DE-ENERGIZE



CABLE PLAN
(NOT TO SCALE)

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

TYPE	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	3	15	3	8	3	15
PASSAGE		4	3	7	3	4	3	7
MAXIMUM I		65	10	45	7	65	10	45
YELLOW CHANGE		4	3.5	4	3.5	4	3.5	4
RED CLEARANCE		2	0	2	0	2	0	2
RECALL MODE		OFF	OFF	MIN	OFF	OFF	OFF	MIN
WALK						7		
FLASH DW						56		
ACTUATED CYCLE LENGTH = 120								

MODEL: Temp Cable Plan - Mill Rd - Stage 3 (Sheet)
FILE NAME: c:\pwworkdir\benesch_projects\projects\0235664\2264R72-KISH-sht-TempTSCable-Mill-Stage3.dgn



USER NAME = arodriguez
PLOT SCALE = \$\$SCALE\$
PLOT DATE = 11/7/2025

DESIGNED - A.RODRIGUEZ
DRAWN - A.RODRIGUEZ
CHECKED - G.THIESSE
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLANS
STAGE 3 US 20 AND STAGE E MILL RD - CABLE PLAN**

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	288
				CONTRACT NO. 64R72
ILLINOIS FED. AID PROJECT				

ESTIMATED CONSTRUCTION PROJECT LIGHTING QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1,361
82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4

ESTIMATED RELOCATION PROJECT LIGHTING QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL
81400100	HANDHOLE	EACH	1
81603096	UNIT DUCT, 600V, 4-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	348
89502380	REMOVE EXISTING HANDHOLE	EACH	1
X8440120	REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	1



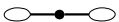





MILL ROAD/US-20 CONSTRUCTION NOTES:

- ROUTE LIGHTING CIRCUITS IN TRAFFIC SIGNAL CONDUIT SYSTEM.
- THE GROUND CONDUCTOR SHALL HAVE NO SPLICE OR KINKS BELOW GRADE. IT SHALL BE SOLIDLY CONNECTED TO THE GROUNDING LUG OF EACH POLE, JUNCTION BOX, AND TO THE GROUND ROD AT THE SERVICE INSTALLATION. IN AREAS WHERE MULTIPLE CIRCUIT CONDUCTORS SHARE A COMMON CONDUIT, A COMMON EQUIPMENT GROUND SHALL BE UTILIZED.
- ELECTRICAL EQUIPMENT, RACEWAY, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL INSTALL ELECTRICAL EQUIPMENT, RACEWAYS, ETC. WHERE DIRECTED BY THE ENGINEER IN ORDER TO BEST SUIT JOB CONDITIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING STATE OWNED LIGHTING AND / OR TRAFFIC SIGNAL UTILITIES WITHIN THE LIMITS OF THE CONTRACT.
- TWO #8 (XLP-TYPE USE) CABLES TO BE USED FOR LIGHTING CIRCUITS.
- ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT POLE BASE ONLY
- FOR LIGHTING CIRCUIT. CONNECT TWO CIRCUIT BREAKERS TO AC SEVICE TERMINAL BLOCK.
- ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED. (UNGERGROUND SPLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED).
- THE H.O.A. SWITCH SHALL BE LABELED AS "LIGHTING CONTROL" WITH THE POSITIONS "AUTO", "OFF" AND "TEST" WITH ENGRAVED NAME PLATES.
- LIGHTING CONNECTED TO UPS BYPASS CIRCUIT.
- COMBINATION LIGHTING MUST BE INSTALLED PRIOR TO SIGNAL TURN ON.
- LUMINAIRE VOLTAGE SHALL BE 120V.
- POLE WIRING & FUSE KITS ARE INCLUDED IN THE LUMINAIRE PAY ITEM.
- THE UNDERGROUND EQUIPMENT GROUND WIRE IS SHOWN IN THE TRAFFIC SIGNAL PLANS AND IS INCLUDED IN THE SIGNAL PLANS. IT IS SHARED GROUND BETWEEN SIGNALS AND LIGHTING.





MILL ROAD RELOCATION NOTES:

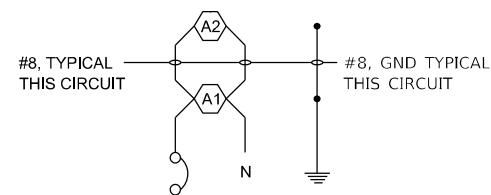
- ~~PRIOR TO LIGHT POLE REMOVAL, THE CONTRACTOR SHALL TAKE OVER MAINTENANCE OF THE LIGHTING ON THE LIGHTING CONTROLLER AT THE CORNER OF MILL ROAD AND STATE STREET FOR THE DURATION OF THE STAGED CONSTRUCTION.~~
- PRIOR TO THE REMOVAL OF THE EXISTING LIGHT POLE, AND LUMINAIRES, THE CONTRACTOR SHALL MEET IN THE FIELD WITH THE CONSTRUCTION MANAGEMENT TEAM AND THE VILLAGE OF CHERRY VALLEY TO DOCUMENT HTE EXISTING CONDITION OF THE POLE AN DLUMINAIRES TO BE REMOVED AND STORED.
- THE CONTRACTORS SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE POLE AND/OR LUMINAIRES AND SHALL REPAIR OR REPLACE THE DAMAGED UNITS TO THE SATISFACTORY OF THE VILLAGE.

LIGHTING LEGEND

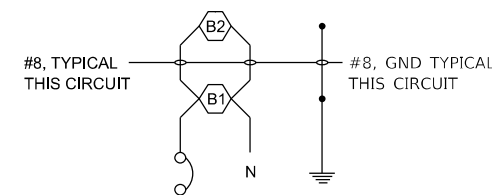
-  PROPOSED TRAFFIC SIGNAL CONTROLLER (SIZE AS NOTED)
-  PROPOSED LED LUMINAIRE 45FT. M.H., 15FT DAVIT ARM MOUNTED ON TOP OF COMBINATION TRAFFIC SIGNAL POLE
-  EXISTING DUAL ARM LUMINAIRE AND POLE TO REMAIN
-  PROPOSED LOCATION OF RELOCATED DUAL ARM LUMINAIRE AND POLE ON PROPOSED FOUNDATION
-  UNDERGROUND LIGHTING CABLE WITHIN TRAFFIC CONDUIT (SEE TRAFFIC PLANS FOR CONDUIT SIZE AND ROUTING)
-  PROPOSED UNDERGROUND LIGHTING CONDUIT
-  PROPOSED HANDHOLE
-  EXISTING HANDHOLE TO BE REMOVED

CONDUIT /CABLE DESCRIPTION

-  ELECTRICAL CABLE IN TRAFFIC SIGNAL CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO.8 AND 1-1/C NO. 8 GND (GROUND INCLUDED WITH TRAFFIC SIGNAL PLANS)
-  ELECTRICAL CABLE IN TRAFFIC SIGNAL CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.8 AND 1-1/C NO. 8 GND (GROUND INCLUDED WITH TRAFFIC SIGNAL PLANS)
-  ELECTRICAL CABLE IN TRAFFIC SIGNAL CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO.8 AND 1-1/C NO. 8 GND (GROUND INCLUDED WITH TRAFFIC SIGNAL PLANS)
-  UNIT DUCT, 600V 4-1/C NO.8 AND 1-1/C NO. 8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE



CIRCUIT A
1 POLE 20A BREAKER



CIRCUIT B
1 POLE 20A BREAKER

MILL ROAD/US-20 CIRCUITING

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLANS
GENERAL NOTES**

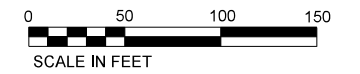
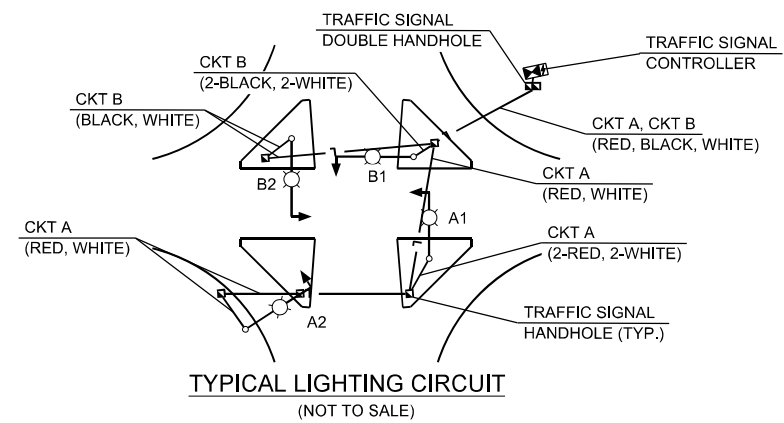
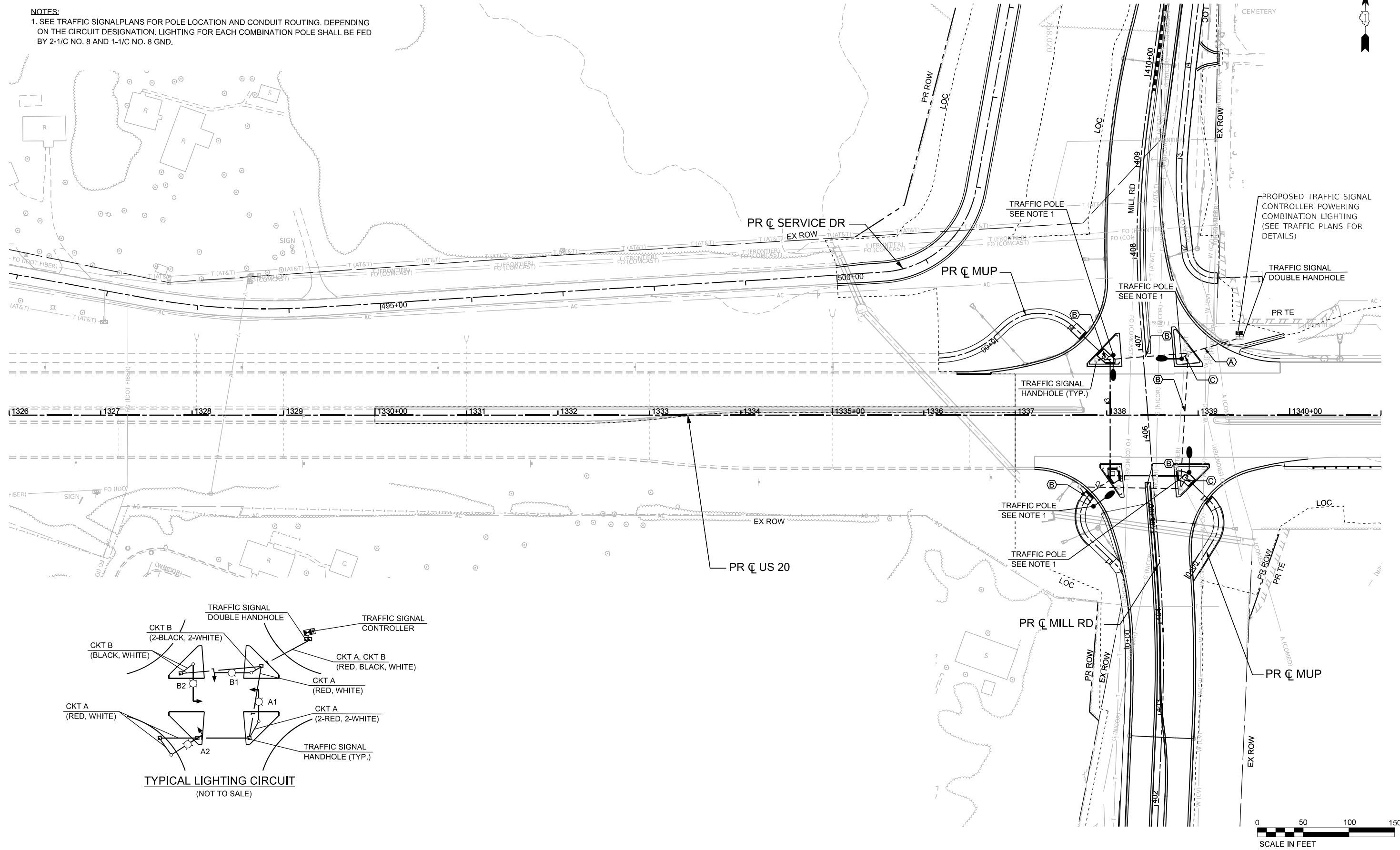
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	289
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



NOTES:

1. SEE TRAFFIC SIGNAL PLANS FOR POLE LOCATION AND CONDUIT ROUTING. DEPENDING ON THE CIRCUIT DESIGNATION, LIGHTING FOR EACH COMBINATION POLE SHALL BE FED BY 2-1/C NO. 8 AND 1-1/C NO. 8 GND.



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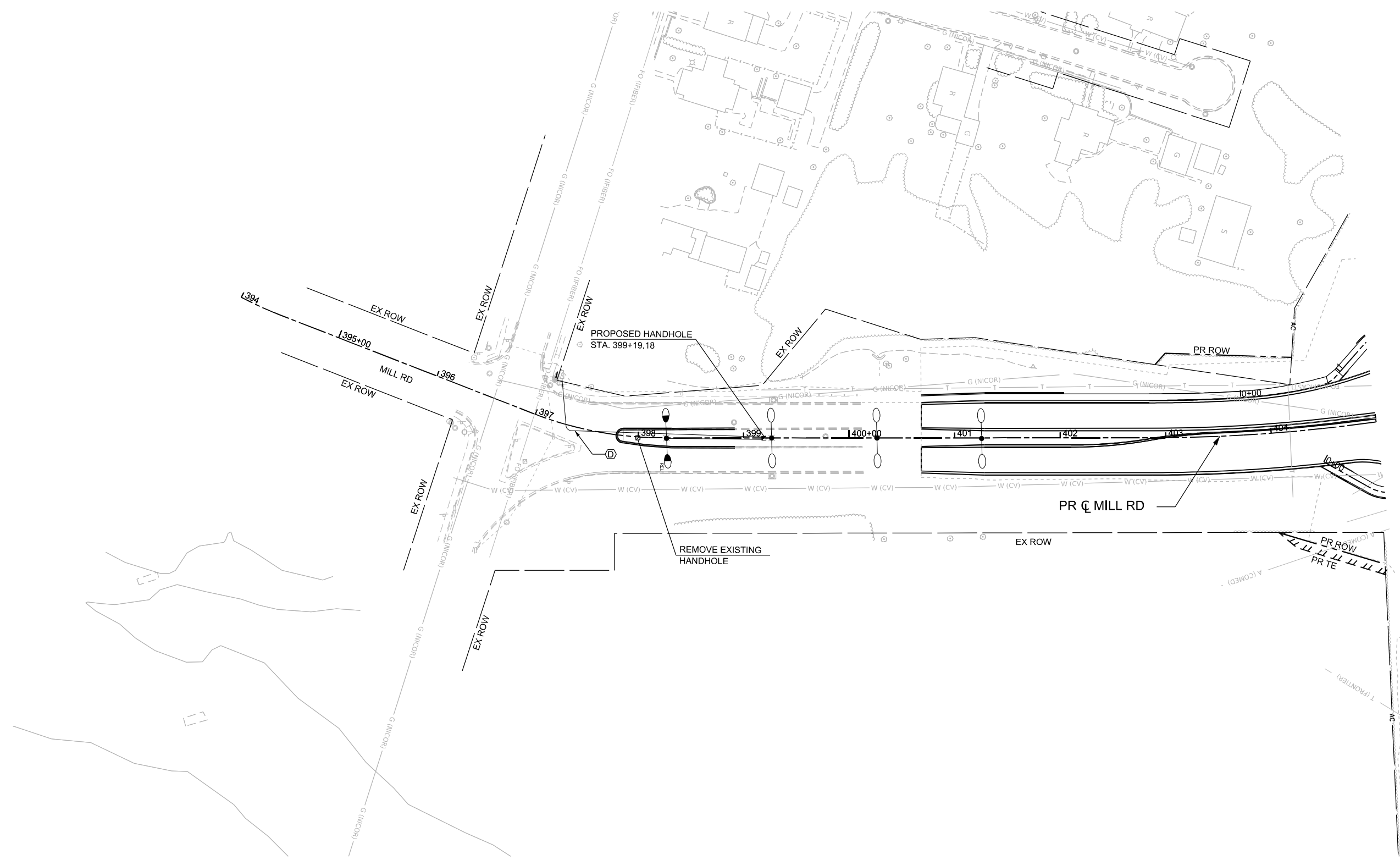
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLANS
US 20**

SCALE: 1"=50'
SHEET 2 OF 5 SHEETS
STA. A 1326+00.00 TO STA. A 1341+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	290
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLANS
MILL RD

SCALE: 1"=50' SHEET 3 OF 5 SHEETS STA. 394+00.00 TO STA. 405+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	291
CONTRACT NO. 64R72				

ILLINOIS FED. AID PROJECT



Luminaire Performance Table

Reset Form

Project

Date	Contract Number	Section Number	County
02/06/25	64R72	15X (RC)	Winnebago
Marked Route Number		Municipality	
I-39 / US-20		VILLAGE OF CHERRY VALLEY	

Roadway

Lane Width	# of Lanes	Median Width	I.E.S. Surface Classification	Q-Zero Value
12'	3	18'	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back	Number of Luminaires (Highmast & Sign Lighting Only)
45'	15'	3'	N/A

Luminaire

Description	I.E.S. Lateral Distribution	I.E.S. Vertical Distribution	
LUMINAIRE,LED,OUTPUT DESIGNATION H	MEDIUM	Type III	
Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol
0.7	U=0	0	0

Layout

Spacing (to Nearest 5 ft)	Configuration (Opposite, Staggered, 1 Sided, or Median)
225'	OPPOSITE

Performance

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}		
0.90	3.0		
Average Luminance, L_{AVE} (cd/m ²)	Uniformity Ratio, L_{AVE}/L_{MIN}	Uniformity Ratio, L_{MAX}/L_{MIN}	Veiling Luminance Ratio, L_v/L_{AVE}
0.6	3.0	5.0	0.3

Light Trespass

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, E_H	Max. Vertical Illuminance at ROW, E_v
N/A	N/A	N/A

Notes

3 LANES IN EACH DIRECTION

Printed 02/06/25

BDE 5630 (04/10/19)

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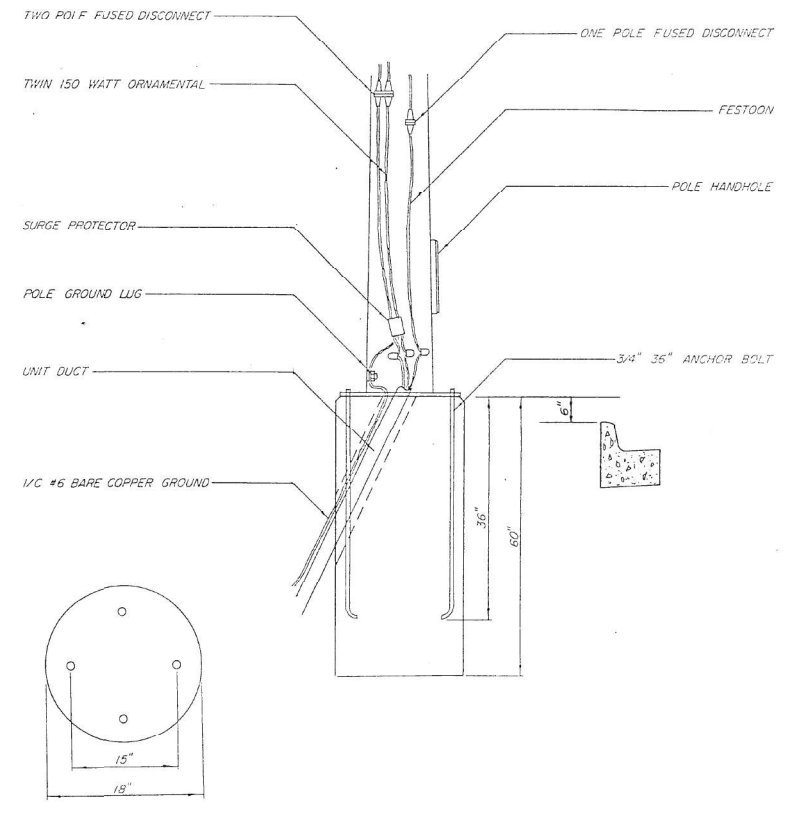
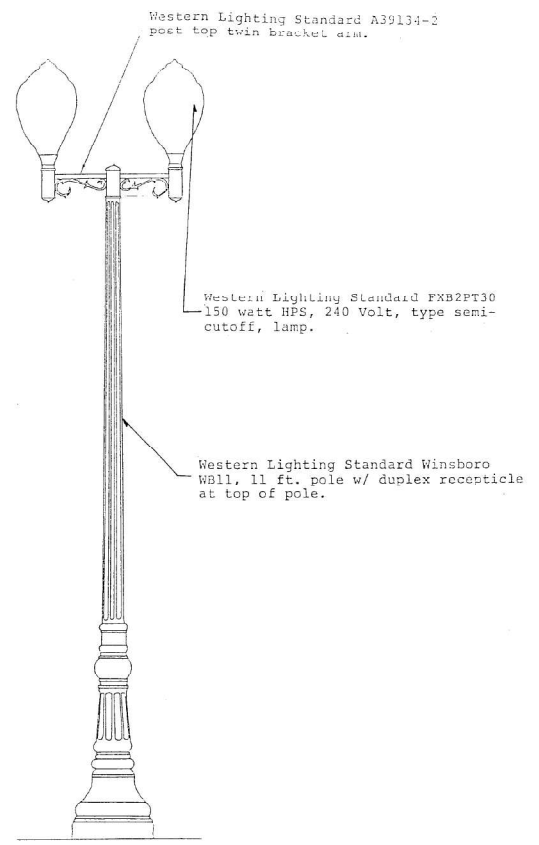
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PLOT DATE = 11/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLANS
PERFORMANCE TABLE

SCALE: NO SCALE SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	292
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



BOLT CIRCLE DETAIL

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PLOT DATE = 11/24/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLANS
DETAILS**

SCALE: N.T.S. SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	293
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

Benchmark: McClure Benchmark Disk on northwest wingwall of westbound lane of US Rte. 20 over Kishwaukee River, approx. 600 ft east of Mill Road. Elevation 740.674.

Existing Structure: SN 101-0073 (EB) and SN 101-0074 (WB) were constructed in 1962 as Project F-284(18) under Section No. 6-B for FA Route 194. Each structure is a three (3) span bridge with rolled shape steel girders and a non-composite concrete deck. The superstructure is supported by stub abutments founded on concrete piles and trapezoidal piers founded on timber piles. Each existing structure is 230'-0" in length (back-to-back of abutments) and 35'-8" wide (out-to-out of deck). Traffic is to be maintained utilized stage construction.

Salvage: None

DESIGN SPECIFICATIONS
2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

LOADING HL-93
Allow 50#/sq. ft. for future wearing surface

DESIGN STRESSES

FIELD UNITS

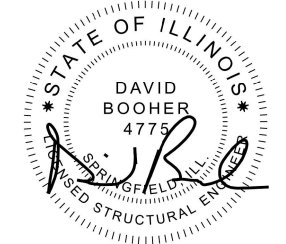
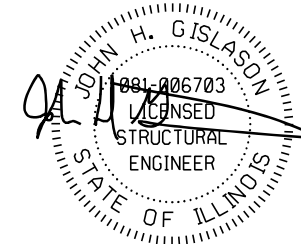
$f'_c = 4,000$ psi (Superstructure)
 $f'_c = 3,500$ psi (Substructure)
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M270 Grade 50) **

** All structural steel shall be metallized.

SEISMIC DATA

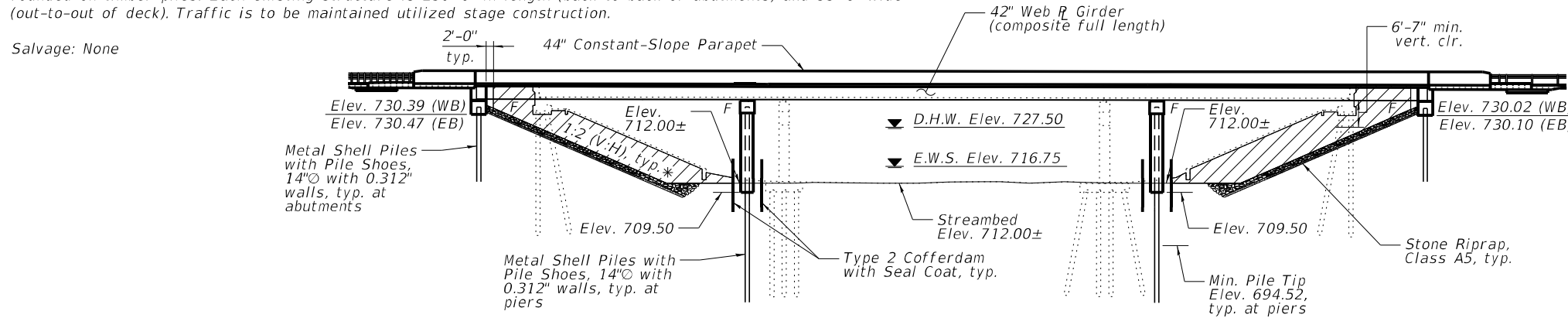
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec (SD1) = 0.079g
Design Spectral Acceleration at 0.2 sec (SDS) = 0.135g
Soil Site Class = D

APPROVED
For Structural Adequacy Only
Justin Mann
Engineer of Bridges & Structures



EXPIRATION DATE 11-30-2026
DATE: 11-25-2025
SHEETS: 1-27 & 35-71 OF 71

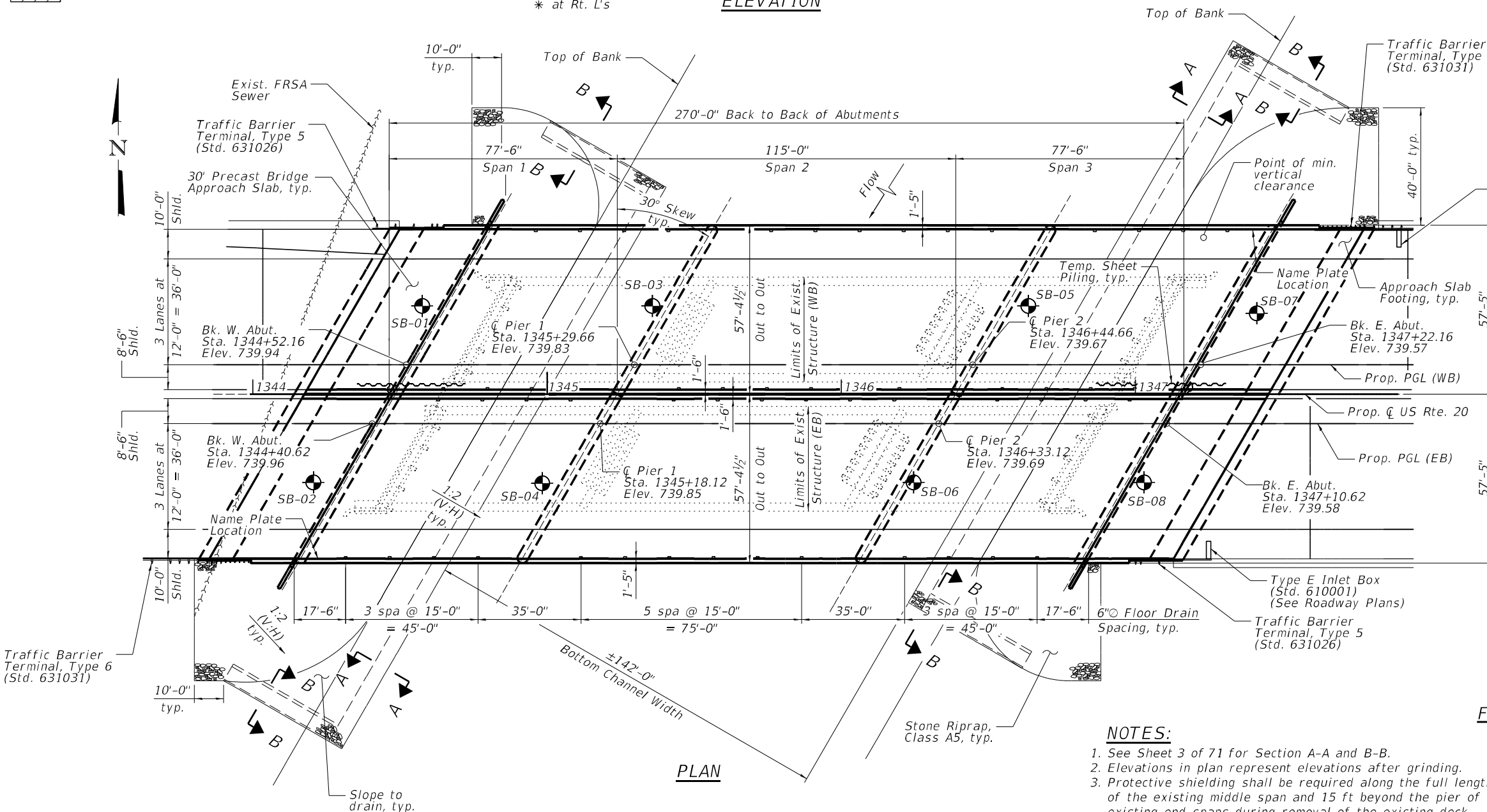
EXPIRATION DATE 11-30-2026
DATE: 11-25-2025
SHEETS: 28-34 OF 71



Channel Excavation (See Roadway Plans for quantity)

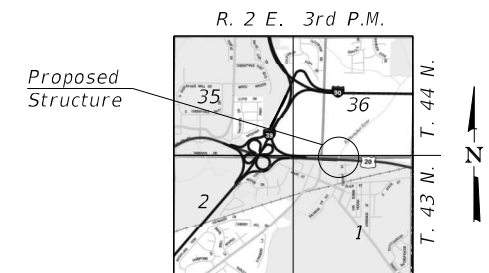
* at Rt. L's

ELEVATION



PROFILE GRADE

Along U.S. 20 EB/WB edge of inside lane/shoulder
Note: The profile grade shows the final elevations after grinding. Up to 1/4" may be ground off the bridge deck and the bridge approach slabs.



LOCATION SKETCH

GENERAL PLAN & ELEVATION
U.S. ROUTE 20 OVER KISHWAUKEE RIVER
F.A.P. ROUTE 525 - SECTION (15X)RC & 5RS

WINNEBAGO COUNTY
STATION 1345+82.83
STRUCTURE NO. 101-0225 (EB)
STRUCTURE NO. 101-0226 (WB)

NOTES:

- See Sheet 3 of 71 for Section A-A and B-B.
- Elevations in plan represent elevations after grinding.
- Protective shielding shall be required along the full length of the existing middle span and 15 ft beyond the pier of the existing end spans during removal of the existing deck.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

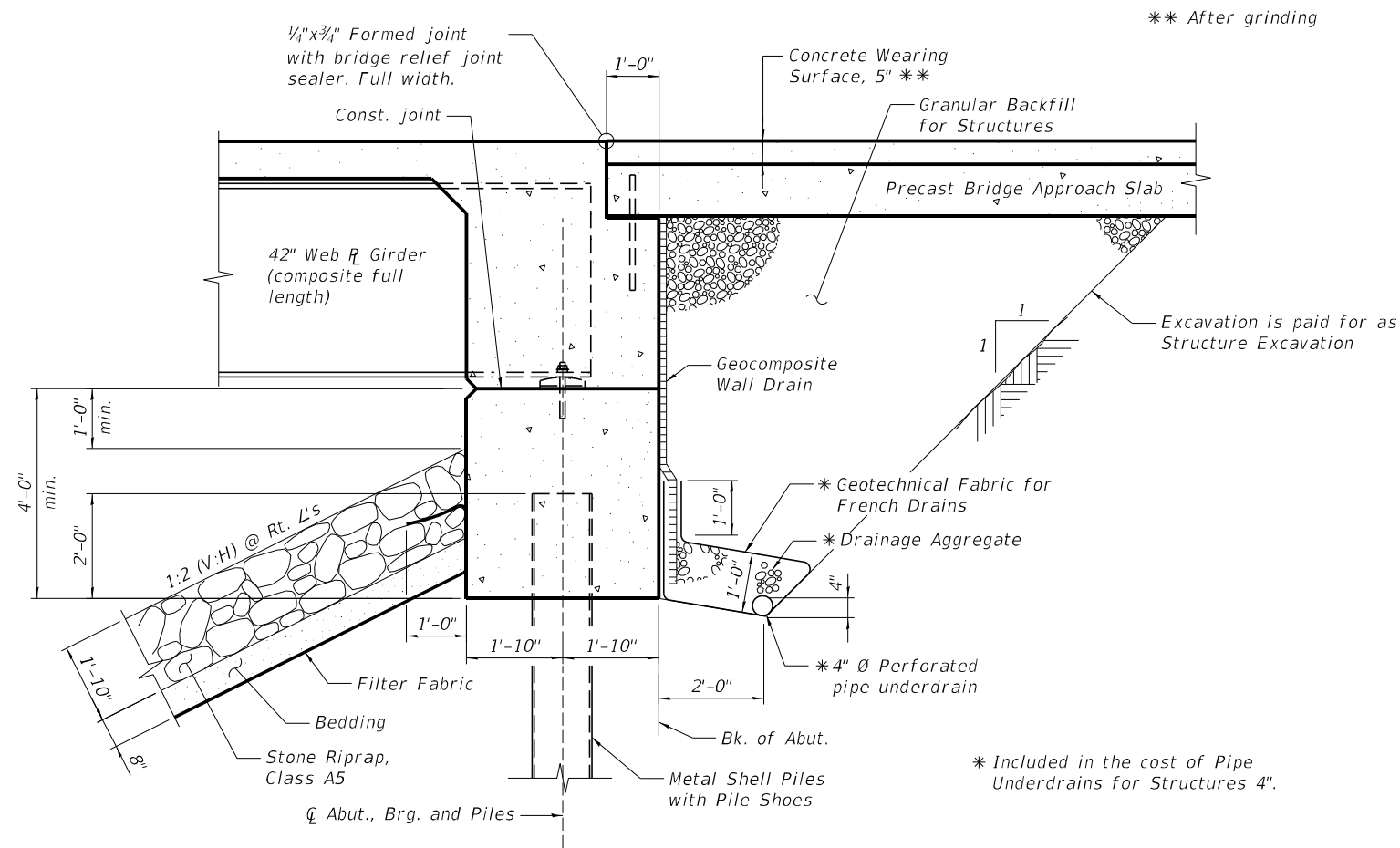
SHEET 1 OF 71 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	294
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				

benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3300
Chicago, Illinois 60601
312.465.4150 Job No. 10800

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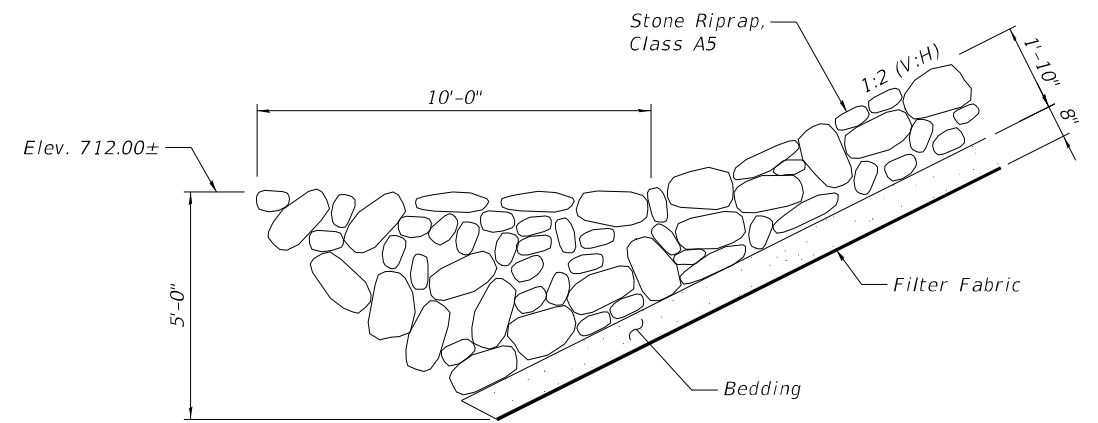
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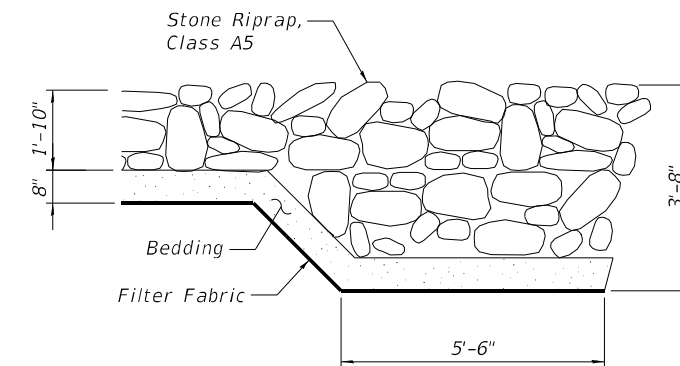
SECTION THRU INTEGRAL ABUTMENT
(Horiz. dim. @ Rt. L's)

Note: All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

* Included in the cost of Pipe Underdrains for Structures 4".



SECTION A-A



SECTION B-B

WATERWAY INFORMATION

Drainage Area = 628.0 sq. mi.		Exist. Overtopping Elevation = 737.0 at Station 1359+50							
		Prop. Overtopping Elevation = 737.0 at Station 1359+50							
Flood	Freq. Yr.	Q (C.F.S.)	Opening (Ft ²)		Natural H.W.E.	Head (Ft)		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	50	16,100	2,220	2,535	727.5	0.5	0.2	728.0	727.7
Base	100	18,800	2,382	2,735	728.4	0.6	0.3	729.0	728.7
Check	200	21,500	2,567	2,962	729.4	0.7	0.4	730.1	729.8
Max. Calc.	500	25,100	2,851	3,309	730.9	0.8	0.4	731.7	731.3

10-year velocity through existing bridge = 5.7 ft/sec
10-year velocity through proposed bridge = 4.7 ft/sec

DESIGN SCOUR ELEVATION TABLE

Event / Limit	Design Scour Elevations (ft.)				Item 113
	W. Abut.	Pier 1	Pier 2	E. Abut.	
Q100	730.32	704.52	704.52	729.96	5
Q200	730.32	701.84	701.84	729.96	
Design	730.32	704.52	704.52	729.96	
Check	730.32	701.84	701.84	729.96	

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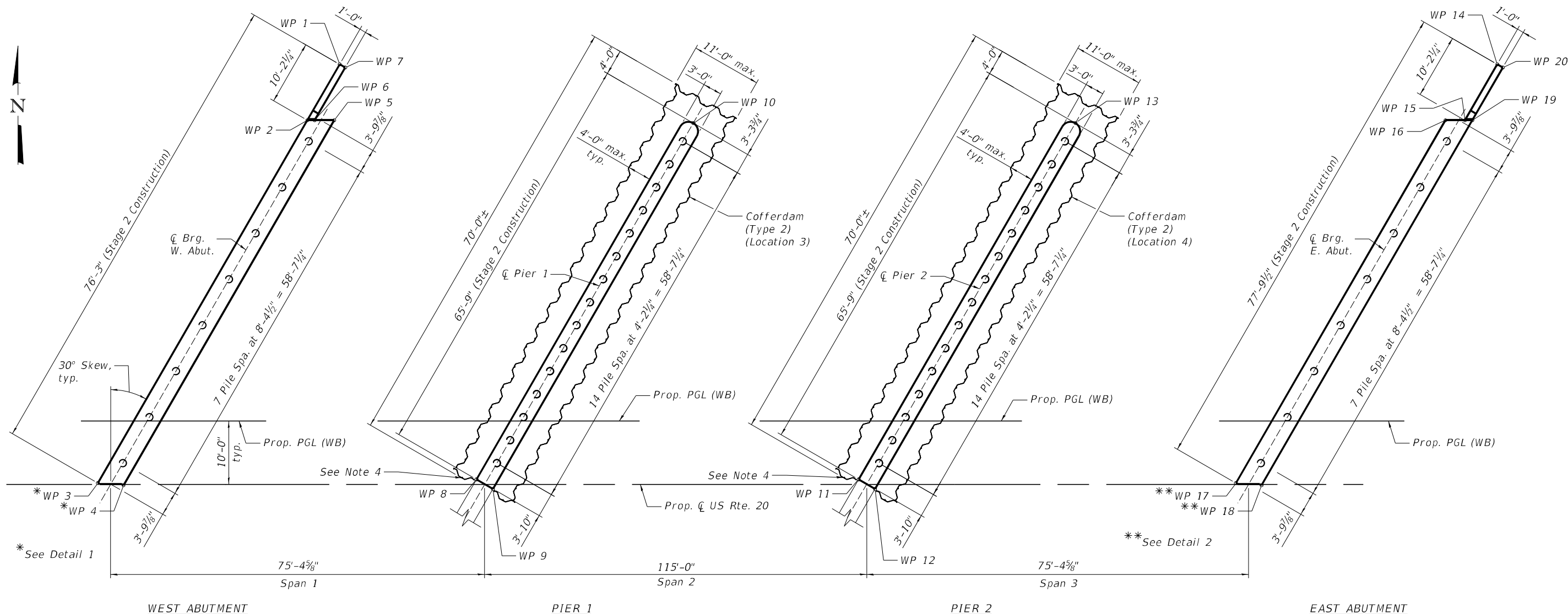
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DETAILS
STRUCTURE NO. 101-0225 & 101-0226**

SHEET 3 OF 71 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	296
CONTRACT NO. 64R72				

ILLINOIS FED. AID PROJECT



FOUNDATION LAYOUT PLAN (WESTBOUND)

W. ABUT. WORK POINTS

W.P.	Station	Offset
1	1344+84.64	66.24' Lt.
2	1344+79.54	57.42' Lt.
3	1344+46.51	00.21' Lt.
4	1344+50.55	00.13' Rt.
5	1344+83.77	57.42' Lt.
6	1344+80.69	57.42' Lt.
7	1344+85.50	65.74' Lt.

PIER 1 WORK POINTS

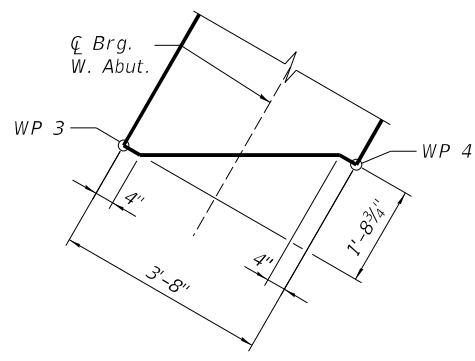
W.P.	Station	Offset
8	1345+22.61	00.79' Lt.
9	1345+25.21	00.71' Rt.
10	1345+56.79	56.98' Lt.

PIER 2 WORK POINTS

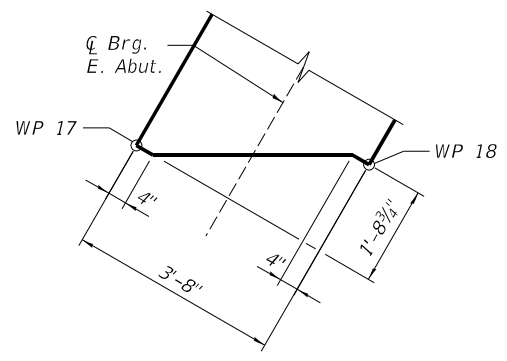
W.P.	Station	Offset
11	1346+37.61	00.79' Lt.
12	1346+40.21	00.71' Rt.
13	1346+71.79	56.98' Lt.

E. ABUT. WORK POINTS

W.P.	Station	Offset
14	1347+53.48	66.24' Lt.
15	1347+48.39	57.42' Lt.
16	1347+45.31	57.42' Lt.
17	1347+12.28	00.21' Lt.
18	1347+16.32	00.13' Rt.
19	1347+49.54	57.42' Lt.
20	1347+54.35	65.74' Lt.



DETAIL 1



DETAIL 2

LEGEND

⊙ = Vertical Pile

NOTES:

- See Sheets 57 to 61 of 71 for pier details.
- See Sheets 52 to 56 of 71 for abutment details.
- All stations and offsets are measured from Prop. ζ US Rte. 20.
- The Contractor is responsible for determining how the cofferdam will be constructed and used between Stage 1 and Stage 2 construction.
- The distance from face of proposed pier to outside face of cofferdam shall be 4'-0" maximum due to potential conflicts with the existing pier foundations. Removal of existing pier footings or piles shall be at no additional cost to the State.

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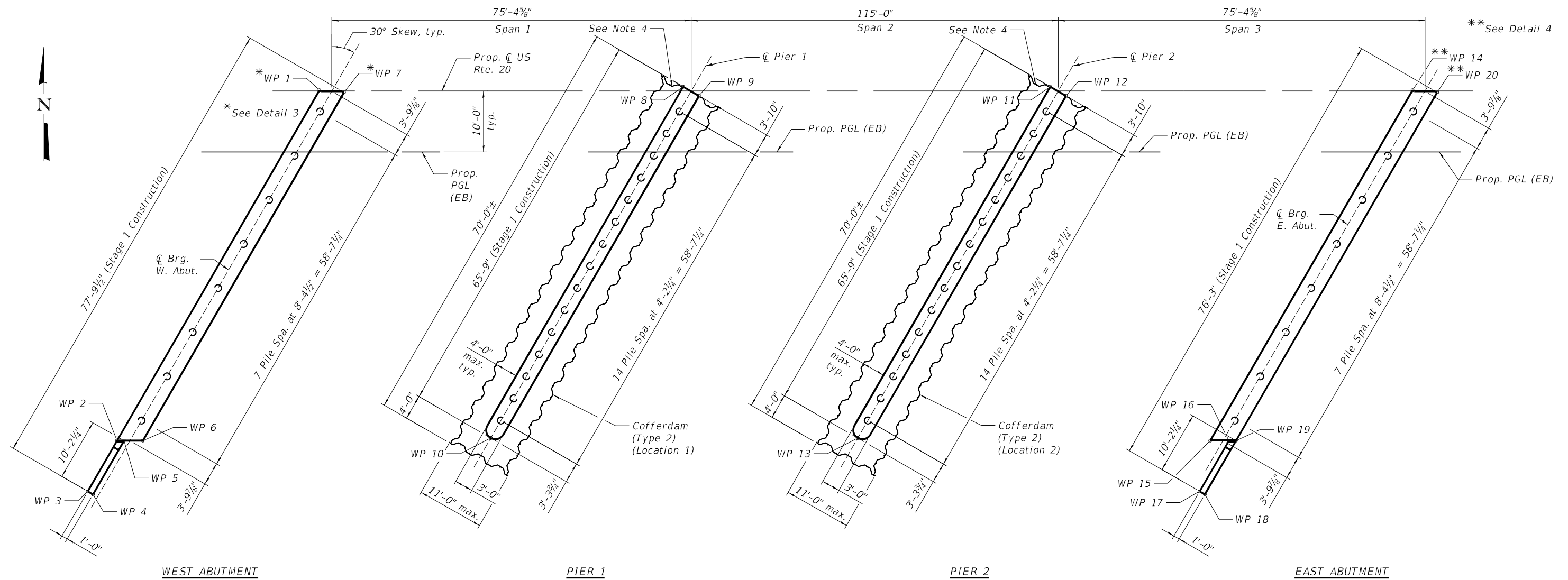
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOUNDATION LAYOUT PLAN (1 OF 2)
STRUCTURE NO. 101-0225 & 101-0226

SHEET 4 OF 71 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	297
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



FOUNDATION LAYOUT PLAN (EASTBOUND)

W. ABUT. WORK POINTS

W.P.	Station	Offset
1	1344+46.46	00.12' Lt.
2	1344+13.24	57.42' Rt.
3	1344+08.43	65.74' Rt.
4	1344+09.30	66.24' Rt.
5	1344+14.40	57.42' Rt.
6	1344+17.47	57.42' Rt.
7	1344+50.50	00.21' Rt.

PIER 1 WORK POINTS

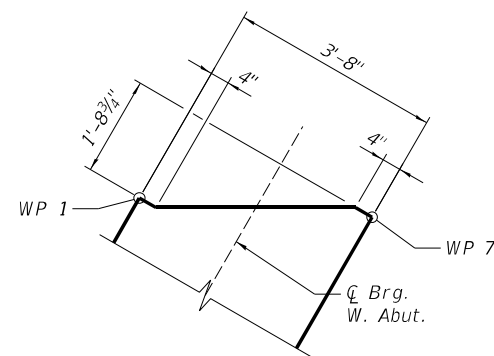
W.P.	Station	Offset
8	1345+22.57	00.71' Lt.
9	1345+25.17	00.79' Rt.
10	1344+90.99	56.98' Rt.

PIER 2 WORK POINTS

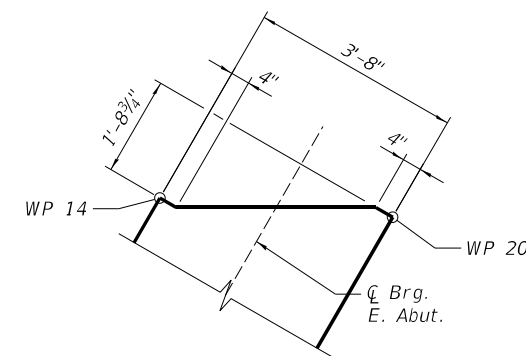
W.P.	Station	Offset
11	1346+37.57	00.71' Lt.
12	1346+40.17	00.79' Rt.
13	1346+05.99	56.98' Rt.

E. ABUT. WORK POINTS

W.P.	Station	Offset
14	1347+12.23	00.12' Lt.
15	1346+79.01	57.42' Rt.
16	1346+82.09	57.42' Rt.
17	1346+77.28	65.74' Rt.
18	1346+78.14	66.24' Rt.
19	1346+83.24	57.42' Rt.
20	1347+16.27	00.21' Rt.



DETAIL 3



DETAIL 4

LEGEND

⊙ = Vertical Pile

NOTES:

- See Sheets 57 to 61 of 71 for pier details.
- See Sheets 52 to 56 of 71 for abutment details.
- All stations and offsets are measured from Prop. ζ US Rte. 20.
- The Contractor is responsible for determining how the cofferdam will be constructed and used between Stage 1 and Stage 2 construction.
- The distance from face of proposed pier to outside face of cofferdam shall be 4'-0" maximum due to potential conflicts with the existing pier foundations. Removal of existing pier footings or piles shall be at no additional cost to the State.

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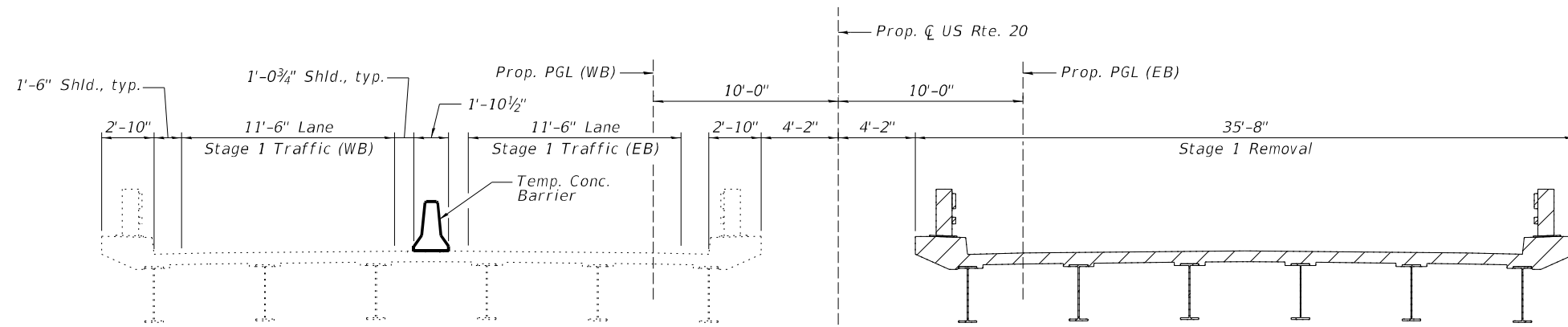
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PLOT SCALE =	CHECKED - JHG	REVISED -
PLOT DATE =	DRAWN - RMG	REVISED -
	CHECKED - JHG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

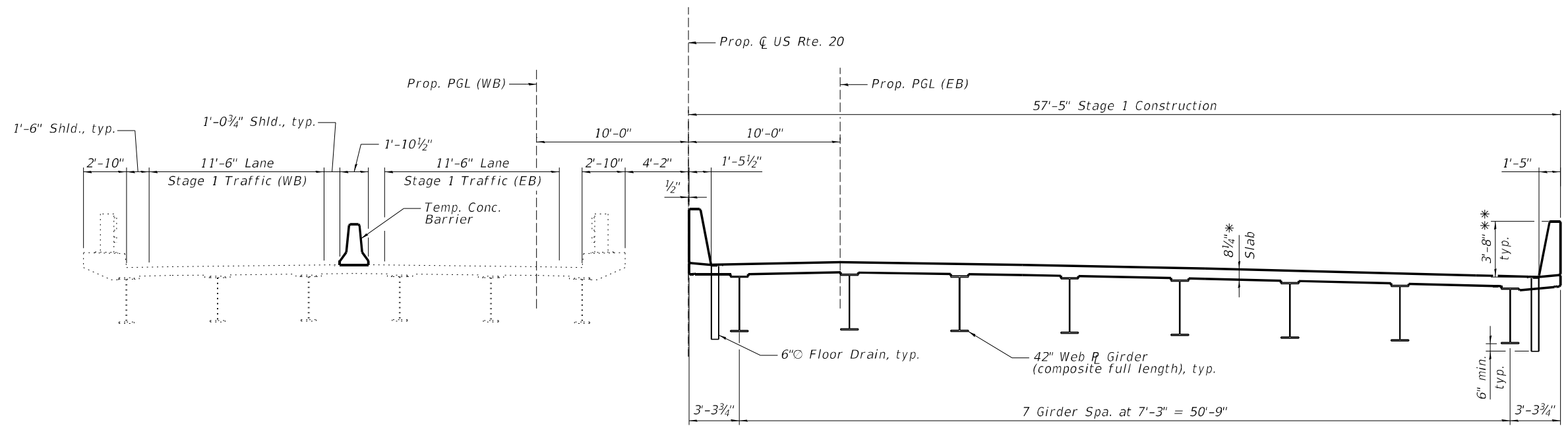
FOUNDATION LAYOUT PLAN (2 OF 2)
STRUCTURE NO. 101-0225 & 101-0226

SHEET 5 OF 71 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	298
CONTRACT NO. 64R72				
ILLINOIS FED. AID PROJECT				



STAGE 1 REMOVAL
(Looking East)



STAGE 1 CONSTRUCTION
(Looking East)

* Prior to grinding
** After grinding

NOTES:

1. See Sheets 10 and 11 of 71 for substructure removal lines.
2. For quantity of Temporary Concrete Barrier, see Roadway Plans.
3. Hatched area indicates Removal of Existing Structures No. 1 (EB) or No. 2 (WB).
4. See Sheet 9 of 71 for Temporary Concrete Barrier details.

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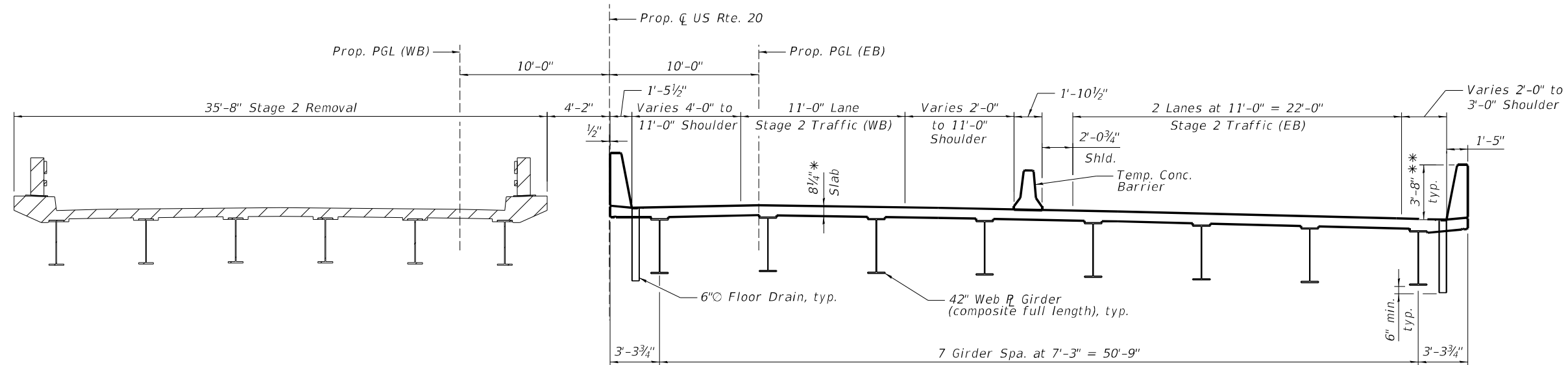
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CHECKED - JHG	REVISED -	
PLOT SCALE =	DRAWN - RMG	REVISED -
PLOT DATE =	CHECKED - JHG	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

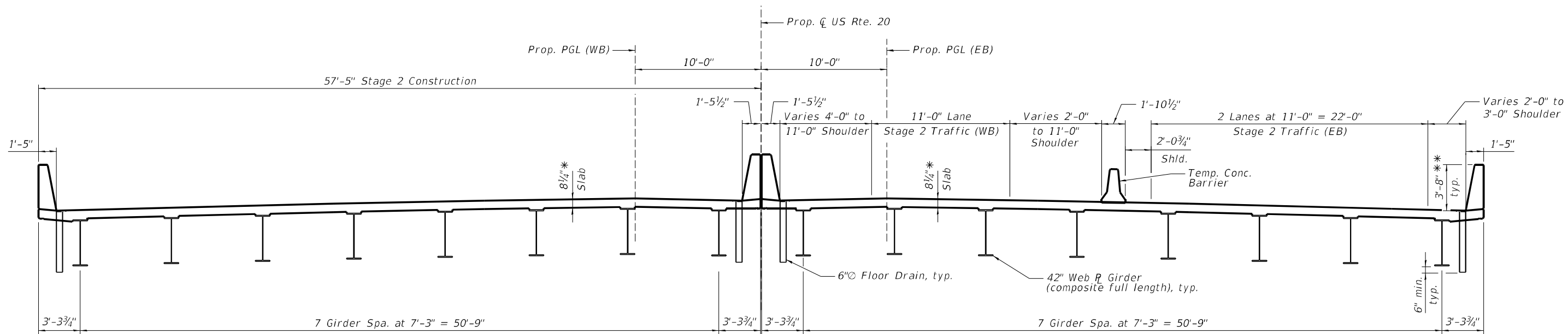
**STAGE CONSTRUCTION DETAILS (1 OF 3)
STRUCTURE NO. 101-0225 & 101-0226**

SHEET 6 OF 71 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	299
CONTRACT NO. 64R72				
		ILLINOIS	FED. AID PROJECT	



STAGE 2 REMOVAL
(Looking East)



STAGE 2 CONSTRUCTION
(Looking East)

* Prior to grinding
** After grinding

NOTES:

1. See Sheets 10 and 11 of 71 for substructure removal lines.
2. For quantity of Temporary Concrete Barrier, see Roadway Plans.
3. Hatched area indicates Removal of Existing Structures No. 1 (EB) or No. 2 (WB).
4. See Sheet 9 of 71 for Temporary Concrete Barrier details.

MODEL: Default
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USER NAME =	DESIGNED - JPM	REVISED -
	CHECKED - JHG	REVISED -
PLOT SCALE =	DRAWN - RMG	REVISED -
PLOT DATE =	CHECKED - JHG	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE CONSTRUCTION DETAILS (2 OF 3)
STRUCTURE NO. 101-0225 & 101-0226**

SHEET 7 OF 71 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(15X)RC & 5RS	WINNEBAGO	564	300
CONTRACT NO. 64R72				
ILLINOIS		FED. AID PROJECT		