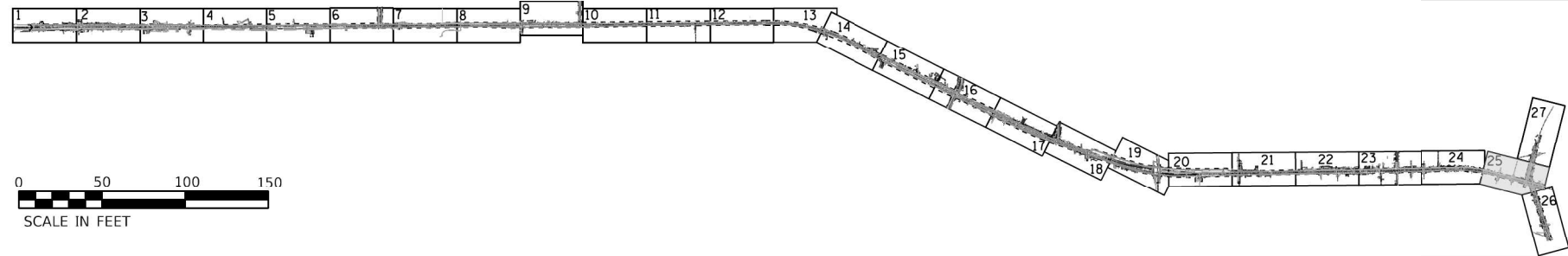


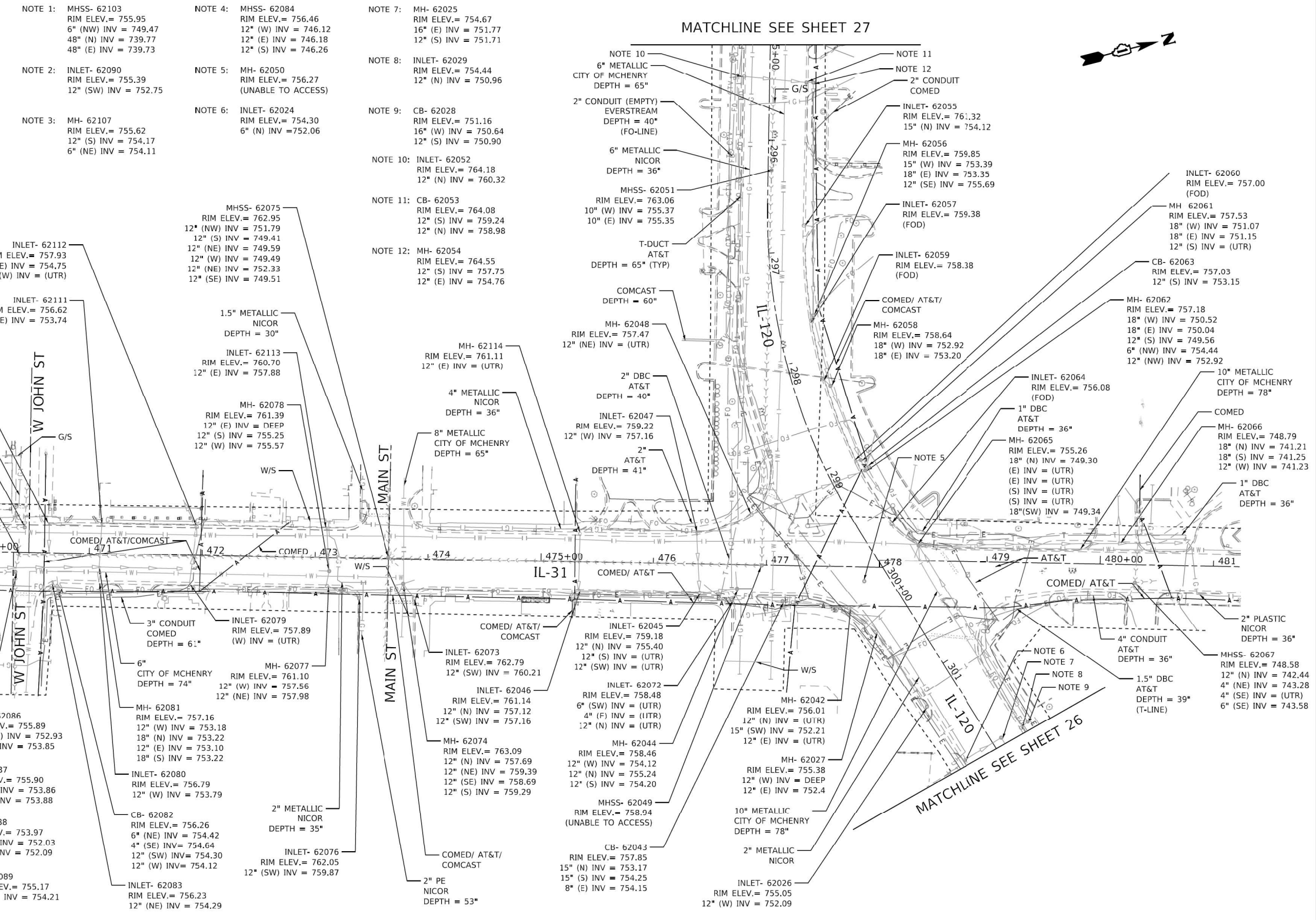
LEGEND

AERIAL	A	A	A	A
CABLE TV	CTV	CTV	CTV	CTV
ELECTRIC	E	E	E	E
FIBER OPTIC	FO	FO	FO	FO
GAS	G	G	G	G
TELEPHONE	T	T	T	T
WATER	W	W	W	W
SANITARY MAIN	SM	SM	SM	SM
STORM SEWER	SS	SS	SS	SS
QUALITY LEVEL D	QLD	QLD	QLD	QLD
UNKNOWN	UNK	UNK	UNK	UNK
PROJECT LIMITS	-----			

25



MATCHLINE SEE SHEET 27



MODEL Default
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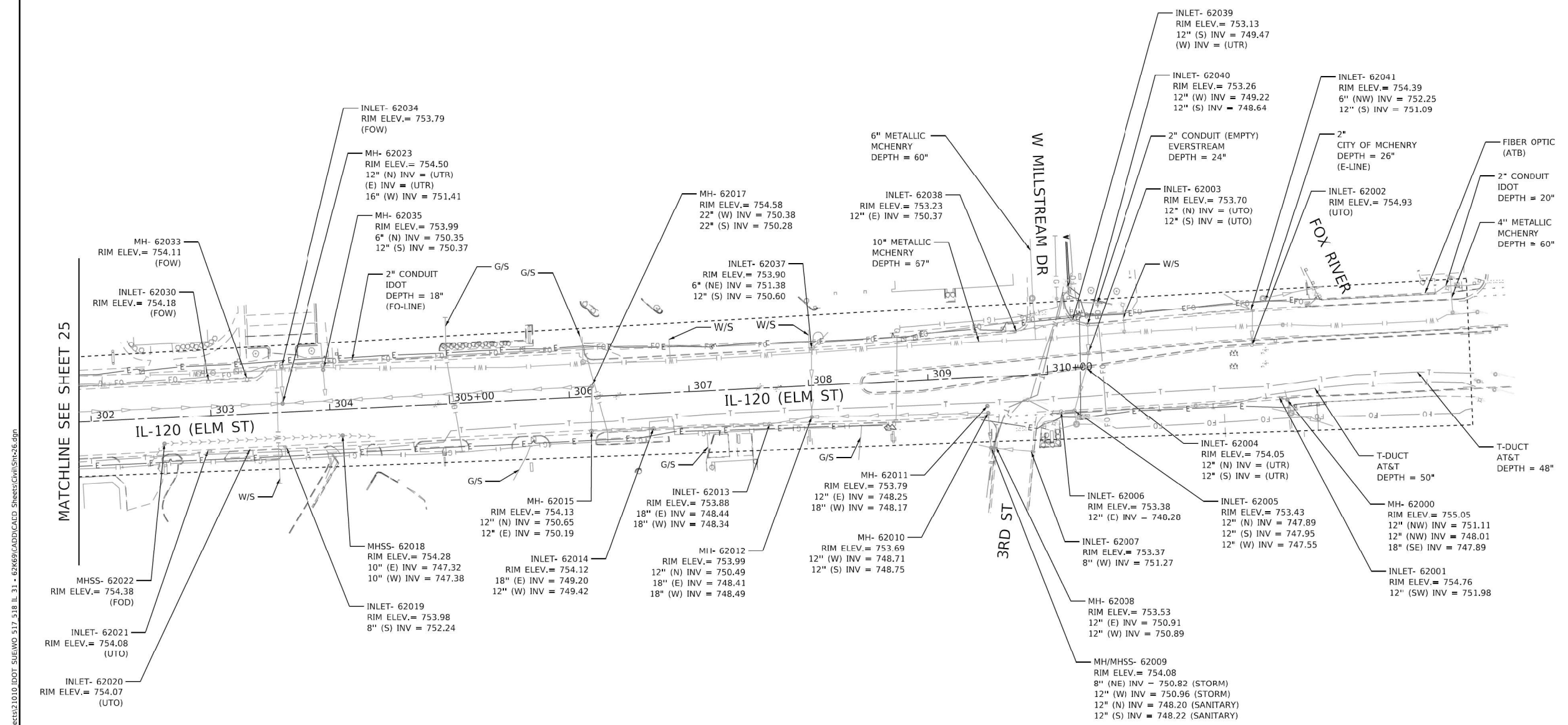
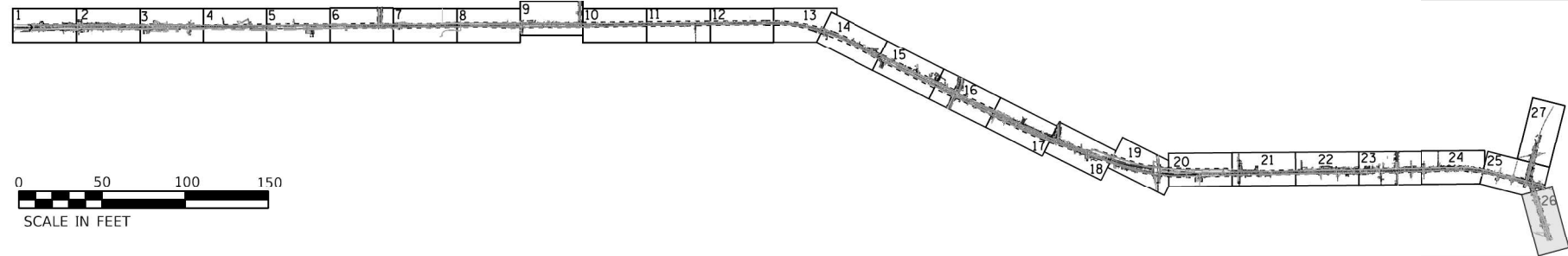
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	DRAFTED - MA/JP	REVISED -
	CHECKED - AB	REVISED -
PLOT DATE = 5/12/2023	DATE - 05/12/2023	REVISED -

F.A.I. RTE. 336A	SECTION FAP 336 23 RECON NORTH	COUNTY MCHENRY	TOTAL SHEETS 575	SHEET NO. 301
CONTRACT NO. 62U72			ILLINOIS FED. AID PROJECT WKBE(580)	

LEGEND

AERIAL	A	A	A	A
CABLE TV	CTV	CTV	CTV	CTV
ELECTRIC	E	E	E	E
FIBER OPTIC	FO	FO	FO	FO
GAS	G	G	G	G
TELEPHONE	T	T	T	T
WATER	W	W	W	W
SANITARY MAIN	[Symbol]			
STORM SEWER	[Symbol]			
QUALITY LEVEL D	[Symbol]			
UNKNOWN	UNK	UNK	UNK	UNK
PROJECT LIMITS	[Symbol]			

26



MODEL Default
FILE NAME: G:\Engineering\Irrigation\Projects\31010 IDOT SUBWO 517_518 IL 31 - 61x69\CADD\CADD Sheets\Civil\Sheet26.dgn

USER NAME = joloquinto	DESIGNATED - LP/GM	REVISED -
	DRAFTED - MA/JP	REVISED -
	CHECKED - AB	REVISED -
PLOT DATE = 5/12/2023	DATE - 05/12/2023	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	MCHENRY	575	302
CONTRACT NO. 62U72				
ILLINOIS		FED. AID PROJECT WKBE(580)		

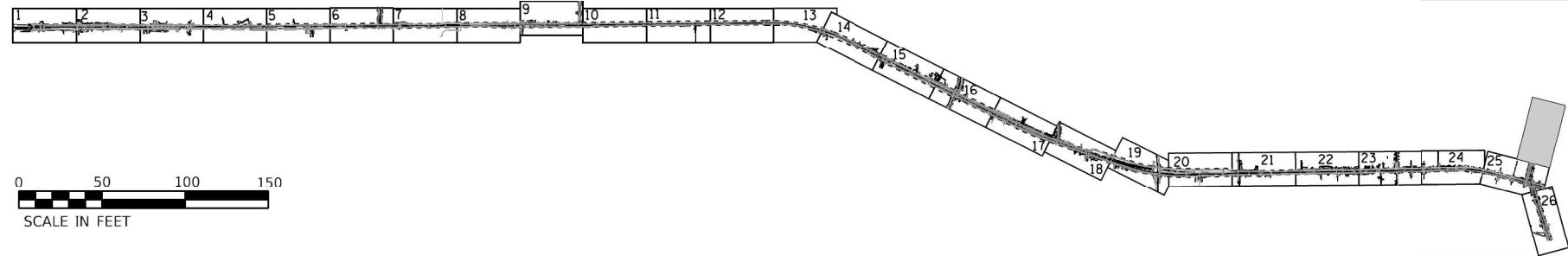


WWW.ACCGI.COM
 101 SCHELTER RD., SUITE B-200
 LINCOLNSHIRE, ILLINOIS 60069
 T (847) 613-1100 F (847) 613-1105
 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184.002053

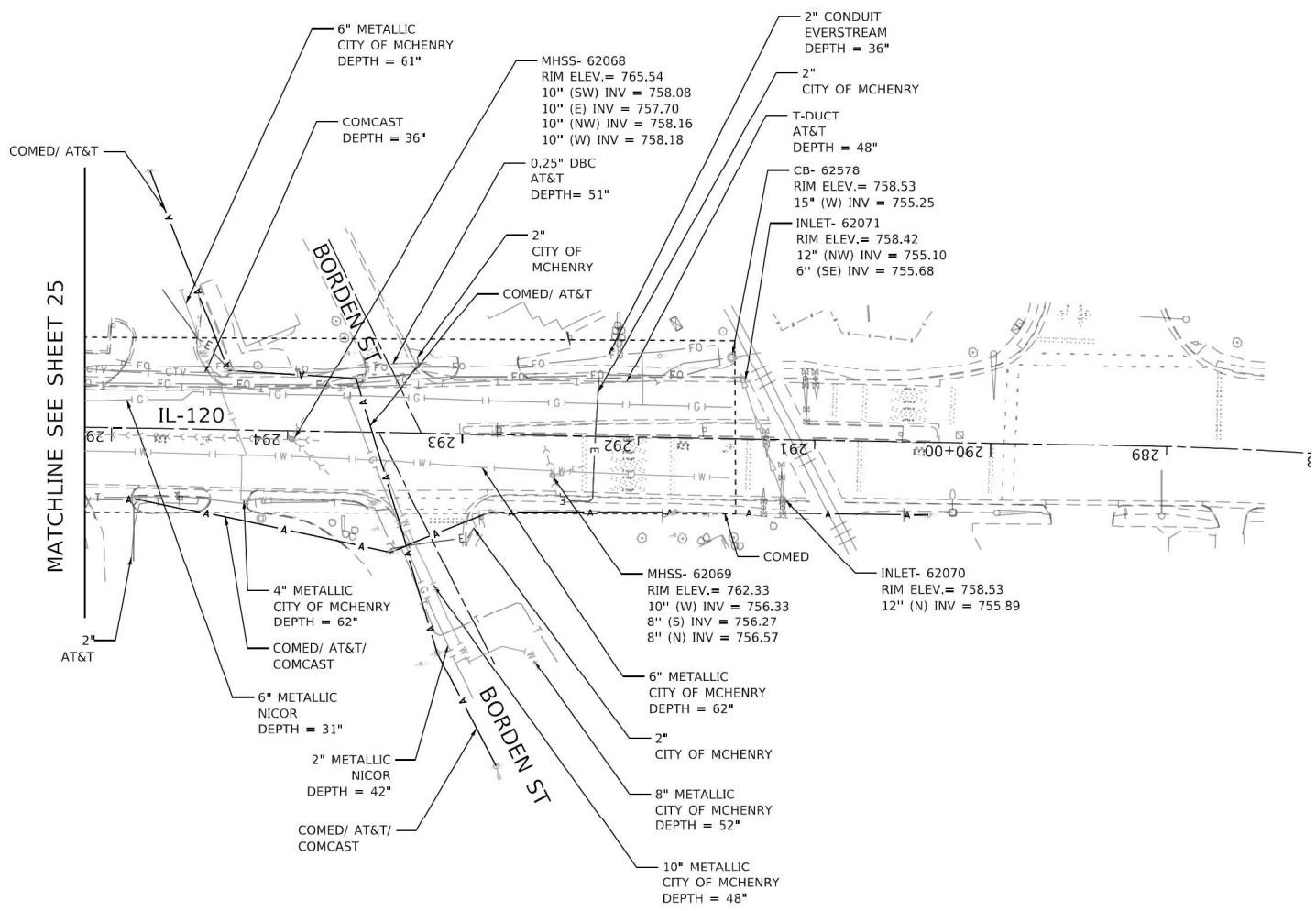
LEGEND

AERIAL	— A — A — A — A — A
CABLE TV	— CTV — CTV — CTV — CTV
ELECTRIC	— E — E — E — E — E
FIBER OPTIC	— FO — FO — FO — FO — FO
GAS	— G — G — G — G — G
TELEPHONE	— T — T — T — T — T
WATER	— W — W — W — W — W
SANITARY MAIN	— S — S — S — S — S
STORM SEWER	— SS — SS — SS — SS — SS
QUALITY LEVEL D	— Q — Q — Q — Q — Q
UNKNOWN	— UNK — UNK — UNK — UNK
PROJECT LIMITS	— — — — —

27



I. AHMEDI B.E.E. CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY ACCURATE GROUP, INC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.
 DATE: 05/12/2023
 AHMEDI BEE, PE
 PROJECT ENGINEER; ACCURATE GROUP, INC.



MODEL Default
 FILE NAME: G:\Engineering\Irrigation\Projects\31010.DDOT SUBWO 517_518 IL 31 - 63K69\CADD\CADD Sheets\Civil\Sheet27.dgn



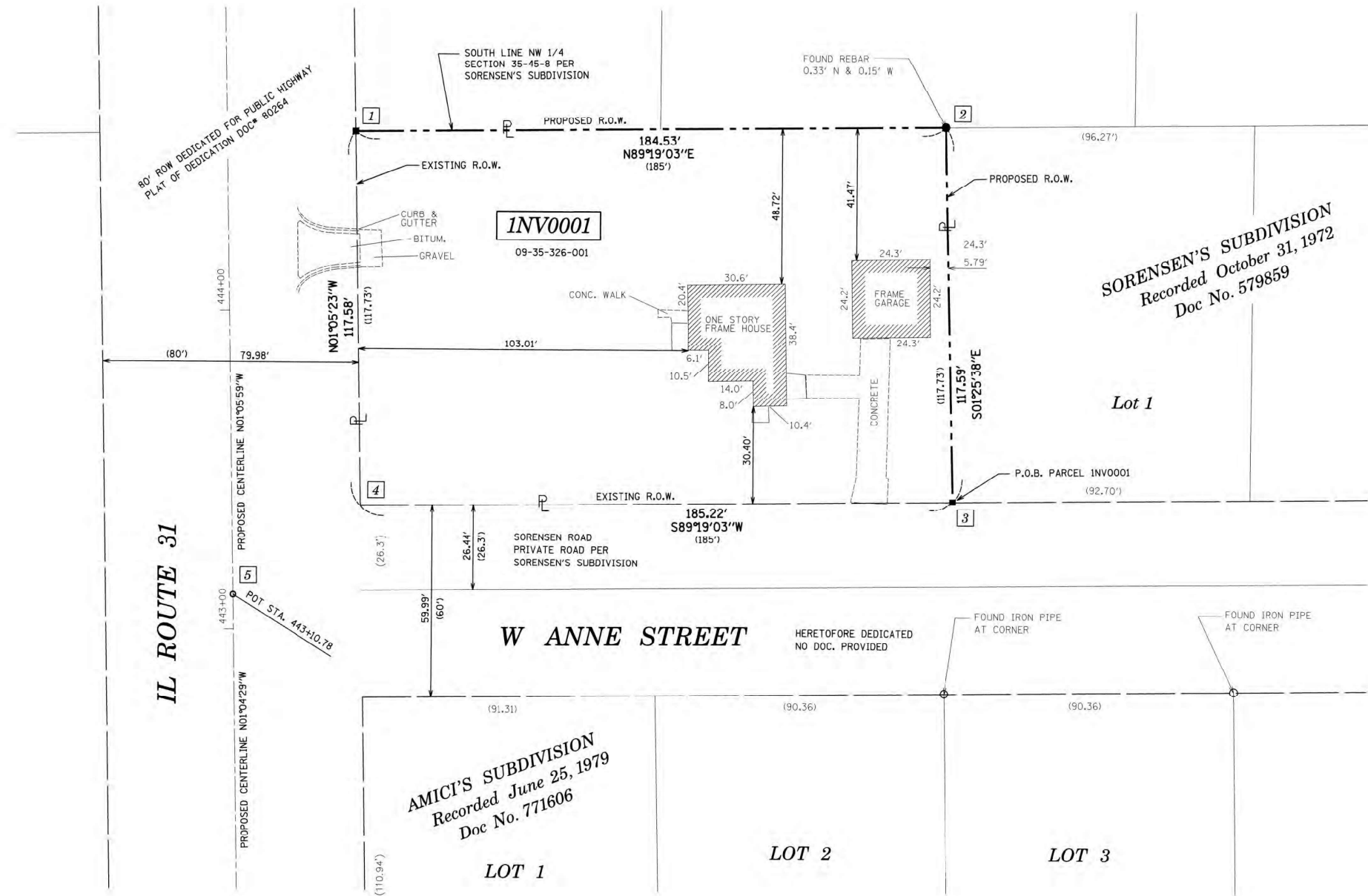
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	DRAFTED - MA/JP	REVISED -
	CHECKED - AB	REVISED -
PLOT DATE = 5/12/2023	DATE - 05/12/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

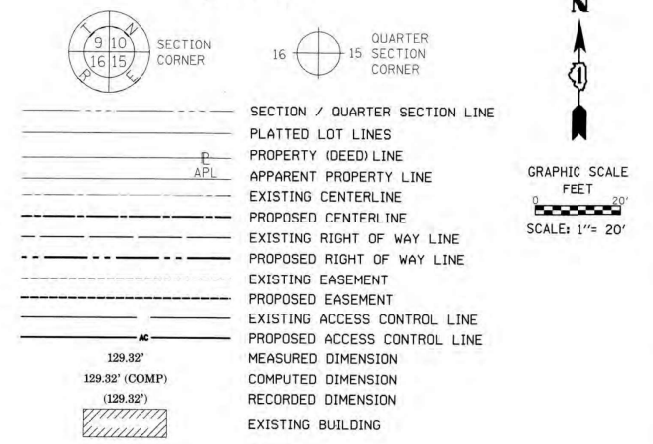
SUBSURFACE UTILITY ENGINEERING STUDY	
IL 31 FROM IL 176 TO IL 120	
SCALE:	SHEET 27 OF 27 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	MCHENRY	575	303
CONTRACT NO. 62U72				
ILLINOIS		FED. AID PROJECT WKBE(580)		

PART OF THE NW 1/4 OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.



LEGEND



- IRON PIPE OR ROD FOUND ⊕ *MAG* NAIL SET
- + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED IN APRIL, 2020.

STATE OF ILLINOIS)
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 35, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 1ST DAY OCTOBER 2025.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3678
LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630-466-6700 / www.eeieeb.com

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
1	N = 2064866.89 E = 1000192.15	444+55.63 40.19' RT
2	N = 2064869.09 E = 1000376.67	444+54.28 224.72' RT
3	N = 2064751.53 E = 1000379.59	443+36.69 225.39' RT
4	N = 2064749.33 E = 1000194.39	443+38.04 40.17' RT
5	N = 2064721.30 E = 1000154.75	443+10.78 0.00' RT

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
INV0001	0.499	0.499	0.00	0.00	-	-	09-35-326-001

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ROUTE: IL ROUTE 31

LIMITS: PARCEL 09-35-326-001 COUNTY: MCHENRY
SECTION: S. LINE SEC. 10-44-8 TO IL 120 JOB NO.: RW-91-013-07
STA. 443+36.69 TO STA. 444+55.63
SCALE: 1" = 20'
SHEET 2 OF 2 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

REVISION DATE: REVISION MADE BY:

MODEL: Default FILE NAME: p:\platt\lccomp\job\117\019132_Draft\117_019132_CADD\SHEETS\CS-SHT-ROW\02.dwg

USER NAME = BW001	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/17/2026	DATE = 1/9/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

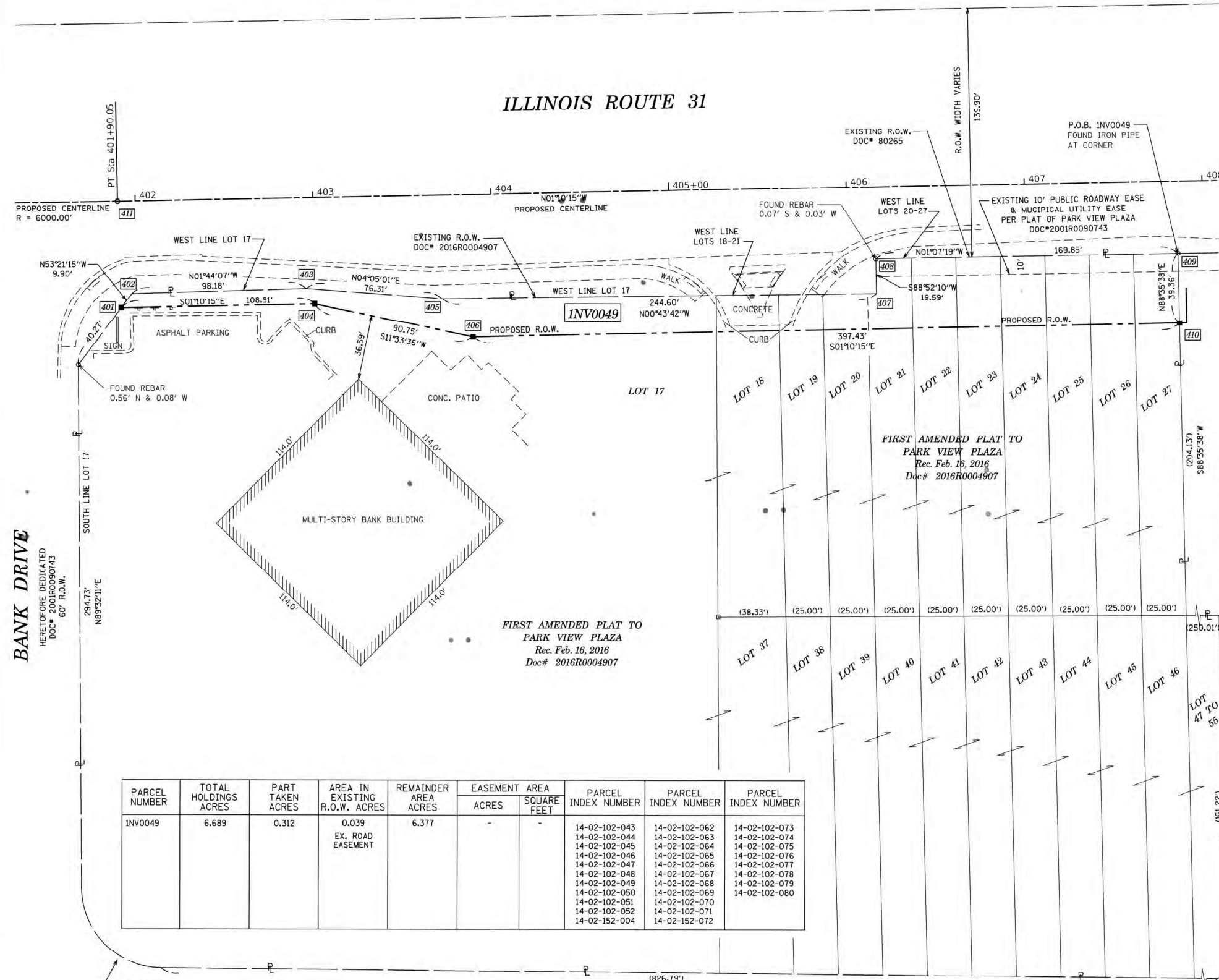
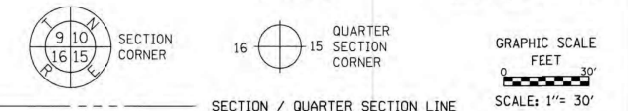
ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	MCHENRY	575	305
CONTRACT NO. 62U72			ILLINOIS FED. AID PROJECT	

PART OF THE NW 1/4 OF SECTION 2, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.

LEGEND



BANK DRIVE
HERETOFORE DEDICATED
DOC# 2001R0090743
60' R.O.W.

**FIRST AMENDED PLAT TO
PARK VIEW PLAZA**
Rec. Feb. 16, 2016
Doc# 2016R0004907

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER	PARCEL INDEX NUMBER	PARCEL INDEX NUMBER
					ACRES	SQUARE FEET			
INV0049	6.689	0.312	0.039 EX. ROAD EASEMENT	6.377	-	-	14-02-102-043	14-02-102-062	14-02-102-073
							14-02-102-044	14-02-102-063	14-02-102-074
							14-02-102-045	14-02-102-064	14-02-102-075
							14-02-102-046	14-02-102-065	14-02-102-076
							14-02-102-047	14-02-102-066	14-02-102-077
							14-02-102-048	14-02-102-067	14-02-102-078
							14-02-102-049	14-02-102-068	14-02-102-079
							14-02-102-050	14-02-102-069	14-02-102-080
							14-02-102-051	14-02-102-070	
							14-02-102-052	14-02-102-071	
							14-02-152-004	14-02-152-072	

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED IN MAY 2020.

STATE OF ILLINOIS) JSS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 2, TOWNSHIP 44 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ROUTE: IL ROUTE 31

LIMITS: IL 176 TO 120 COUNTY: MCHENRY
SECTION: STA. 401+50 TO STA. 408+00 JOB NO.: R-91-013-07
SCALE: 1" = 30' SHEET 19A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

R = 45.00'
L = 69.92'
CH. BRC N43°01'09"E
CHORD = 63.10'

SEE SHEET S1A FOR STATIONS, OFFSETS AND COORDINATES

BANK DRIVE

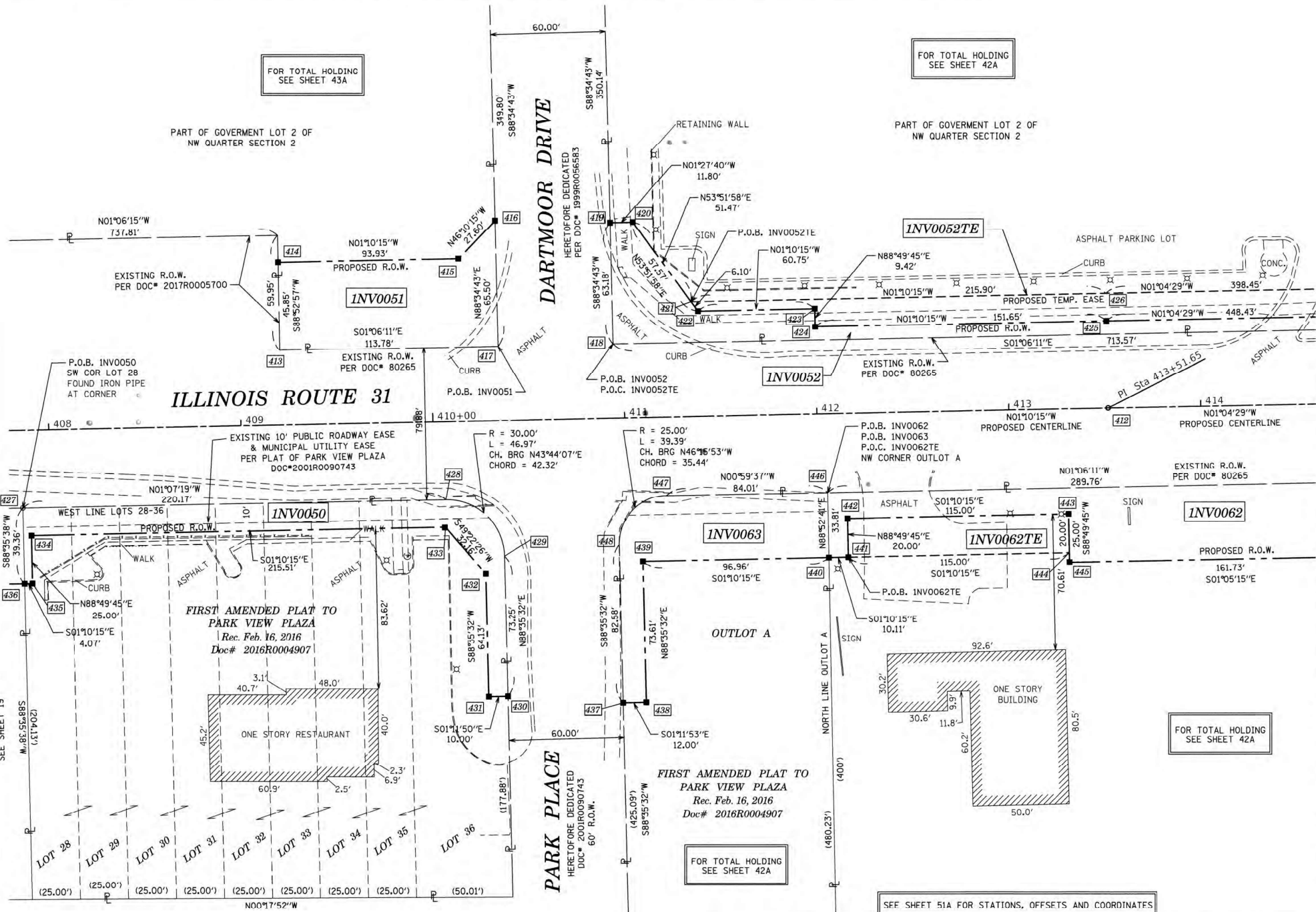
HERETOFORE DEDICATED
DOC# 2001R0090743
60' R.O.W.

REVISION DATE: 07/01/2021 REVISION MADE BY: JPS

USER NAME = BW001	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROW PLANS	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	336A			FAP 336 23 RECON NORTH	MCHENRY	575	307	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 62U72				
PLOT DATE = 1/17/2026	DATE = 1/9/2026	REVISED -			ILLINOIS	FED. AID PROJECT			

MODEL: D:\default... FILE NAME: ... CADD SHEETS: CS-SHT-ROW-04.dwg

PART OF THE NW 1/4 OF SECTION 2, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER
QUARTER SECTION CORNER

GRAPHIC SCALE
FEET
SCALE: 1" = 30'

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

129.32
129.32 (COMP)
(129.32)

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET

*MAG NAIL SET
5/8" REBAR SET

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8" INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

SEE SHEET 21A

SURVEY NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- FIELD SURVEY COMPLETED IN MAY 2020.

STATE OF ILLINOIS))SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 2, TOWNSHIP 44 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025.

[Signature]
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER	PARCEL INDEX NUMBER
INV0050	1.178	0.106	0.054	1.072	-	-	14-02-102-053 14-02-102-054 14-02-102-055 14-02-102-056 14-02-102-057	14-02-102-058 14-02-102-059 14-02-102-060 14-02-102-061
INV0051	85.125	0.124	-	85.001	-	-	14-02-100-063 14-03-251-008 14-03-226-005 14-02-100-064 14-03-201-006	
INV0052 INV0052TE	11.101	0.171	-	10.930	0.212	-	14-02-100-052	
INV0062 INV0062TE	2.660	0.190	-	2.470	0.053	-	14-02-100-006 14-02-100-007	
INV0063	1.183	0.102	0.023	1.081	-	-	14-02-101-004	

REVISION DATE: 02/15/2023 REVISION MADE BY: JPS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ROUTE: IL ROUTE 31

LIMITS: IL 176 TO 120 COUNTY: MCHENRY
SECTION: STA. 407+80.00 TO STA. 414+60.00 JOB NO.: R-91-013-07
SCALE: 1" = 30' SHEET 20A OF 52A SHEETS

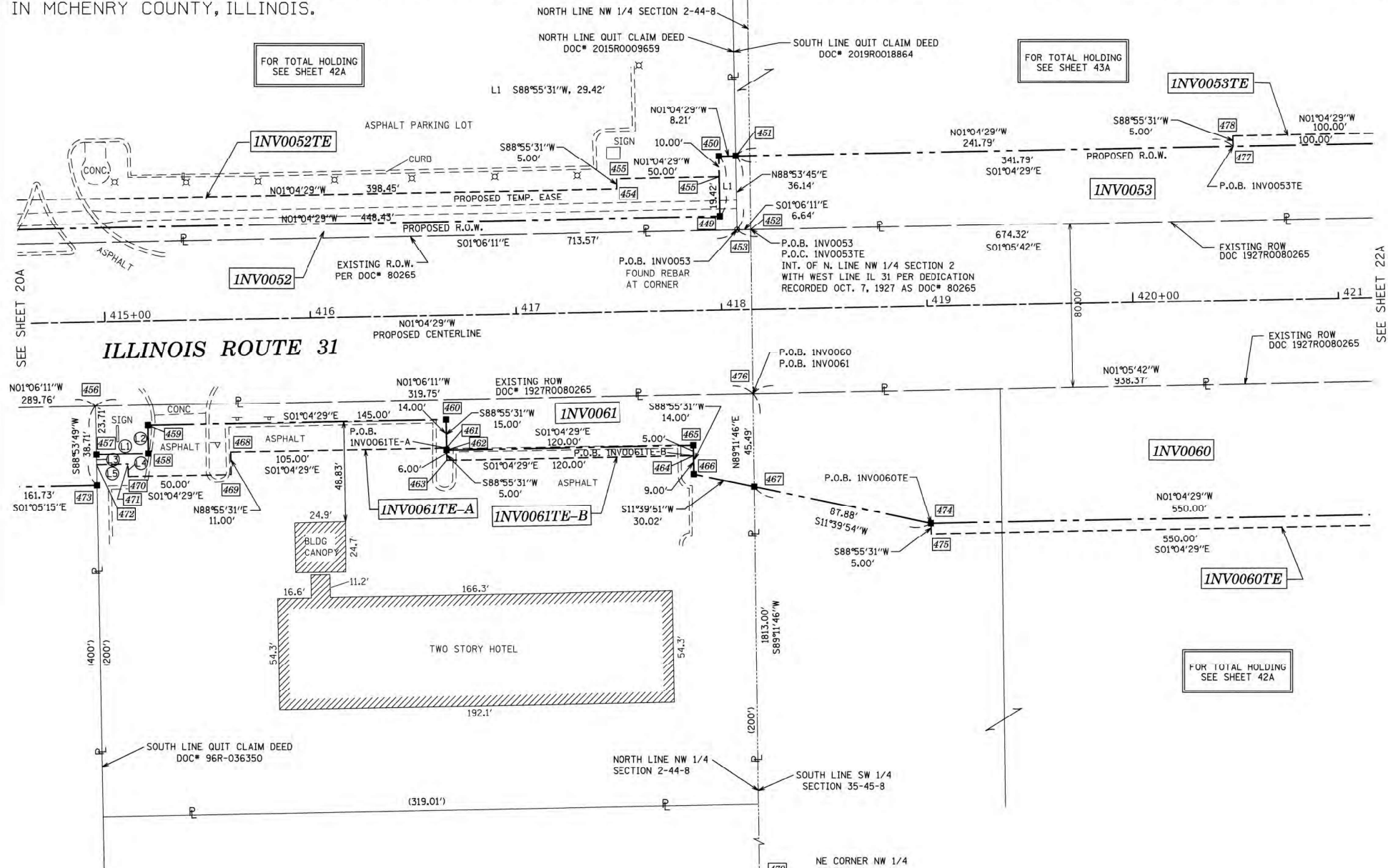
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

USER NAME = BW001	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/17/2026	DATE = 1/9/2026	REVISED -

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	MCHENRY	575	308
CONTRACT NO. 62U72			ILLINOIS FED. AID PROJECT	

MODEL: D:\default... FILE NAME: ... CADD SHEETS: ...

PART OF THE NW 1/4 OF SECTION 2, TWP. 44 N., R. 8 E. & PART OF THE WEST 1/2 OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.



- 1 N01°04'29"W, 25.25'
- 2 S88°55'31"W, 14.00'
- 3 S88°53'49"W, 5.00'
- 4 S88°55'31"W, 6.00'
- 5 S01°04'29"E, 15.24'

NE CORNER NW 1/4 SECTION 2-44-8
P.O.C. INV0060
P.O.C. INV0060TE
P.O.C. INV0061
P.O.C. INV0061TE-A
P.O.C. INV0061TE-B
FOUND IRON PIPE PER M^s 2000R0063973

SEE SHEET 51A FOR STATIONS, OFFSETS AND COORDINATES

LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER

GRAPHIC SCALE FEET
SCALE: 1" = 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- ⊙ *MAG* NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- FIELD SURVEY COMPLETED IN MAY 2020.

STATE OF ILLINOIS
COUNTY OF KANE

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 2, TOWNSHIP 44 NORTH, RANGE 8 EAST & SECTION 35, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
INV0052 INV0052TE	11.101	0.171	-	10.930	0.212	-	14-02-100-052
INV0053 INV0053TE	105.569	1.631	-	103.938	0.012	-	09-35-351-008 09-34-426-001 09-34-476-004 09-34-452-002 14-03-201-006 14-02-100-063
INV0060 INV0060TE	11.900	1.236	-	10.664	0.063	-	09-35-352-021 09-35-352-022
INV0061 INV0061TE-A INV0061TE-B	1.466	0.143	-	1.323	A=0.061 B=0.014	-	14-02-100-005

REVISION DATE: 07/01/2021 REVISION MADE BY: JPS

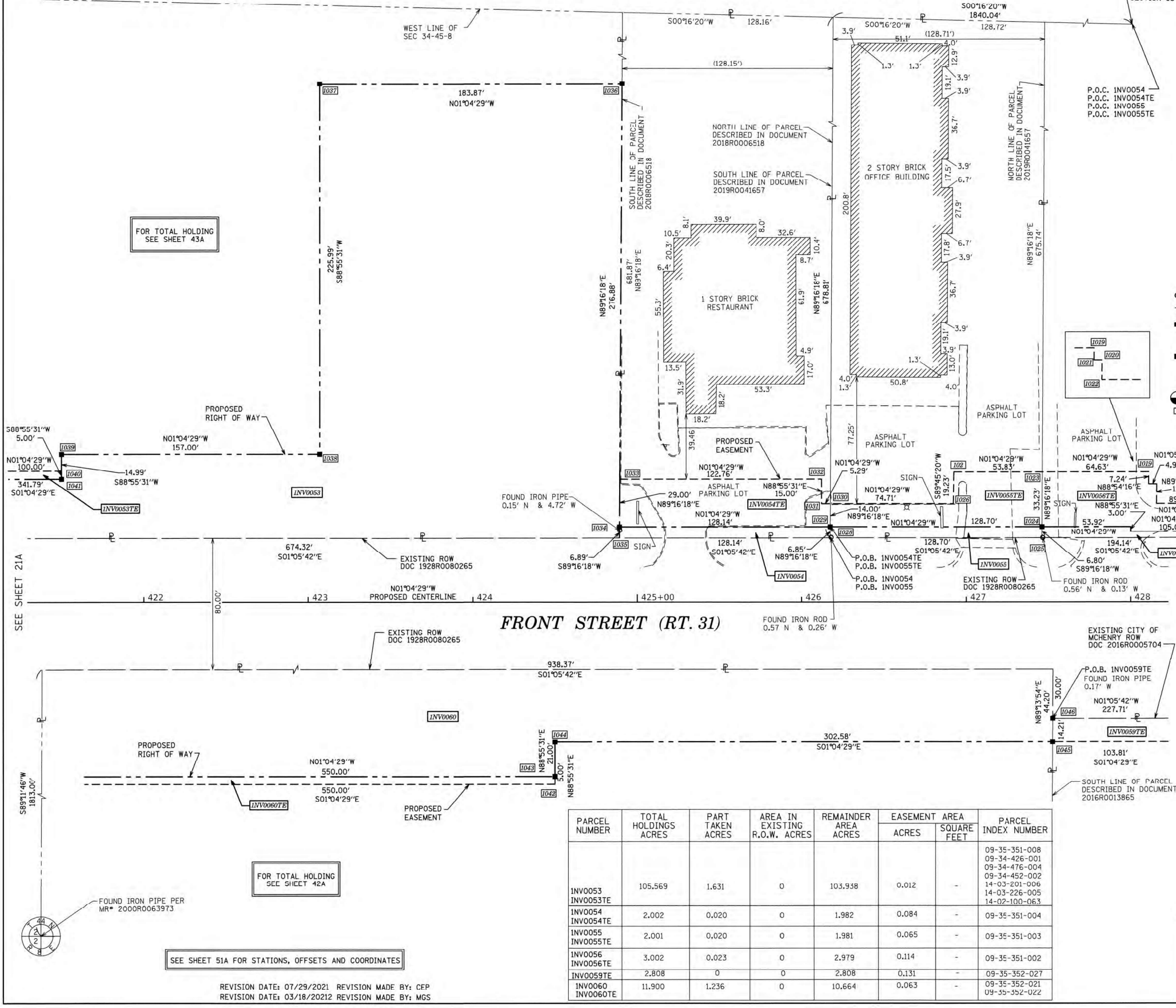
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ROUTE: IL ROUTE 31

LIMITS: IL 176 TO IL 120 COUNTY: MCHENRY
SECTION: STA. 414+70.00 TO STA. 421+00.00 JOB NO.: R-91-013-07
SCALE: 1" = 30' SHEET 21A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			ROW PLANS			TOTAL SHEETS		SHEET NO.	
USER NAME = BW001	DESIGNED -	REVISED -	SCALE:	SHEET	OF SHEETS	STA.	TO STA.	336A	FAP 336 23 RECON NORTH
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -	ILLINOIS		FED. AID PROJECT		MCHENRY		575
PLOT DATE = 1/17/2026	CHECKED -	REVISED -					McHENRY		309
	DATE = 1/9/2026	REVISED -							CONTRACT NO. 62U72

PART OF THE WEST HALF OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEFD) LINE
- APPL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

IRON PIPE OR ROD FOUND @ 'MAG' NAIL SET
 CUT CROSS FOUND OR SET ● 5/8" REBAR SET

STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY/ MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS) RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- FIELD SURVEY COMPLETED ON MAY 2020.

STATE OF ILLINOIS
 COUNTY OF KANE

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

MARK G. SCHELLER
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
 LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Engineering Enterprises, Inc.
 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eetweb.com

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ROUTE: IL ROUTE 31 AND IL ROUTE 120

LIMITS: IL 176 TO 120 COUNTY: McHENRY
 SECTION: 336A TO STA. 428+30 JOB NO.: R-91-013-07
 STA. 421+30 TO STA. 428+30
 SCALE: 1" = 30' SHEET 22A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
INV0053 INV0053TE	105.569	1.631	0	103.938	0.012	-	09-35-351-008 09-34-426-001 09-34-476-004 09-34-452-002 14-03-201-006 14-03-226-005 14-02-100-063
INV0054 INV0054TE	2.002	0.020	0	1.982	0.084	-	09-35-351-004
INV0055 INV0055TE	2.001	0.020	0	1.981	0.065	-	09-35-351-003
INV0056 INV0056TE	3.002	0.023	0	2.979	0.114	-	09-35-351-002
INV0059TE	2.808	0	0	2.808	0.131	-	09-35-352-027
INV0060 INV0060TE	11.900	1.236	0	10.664	0.063	-	09-35-352-021 09-35-352-022

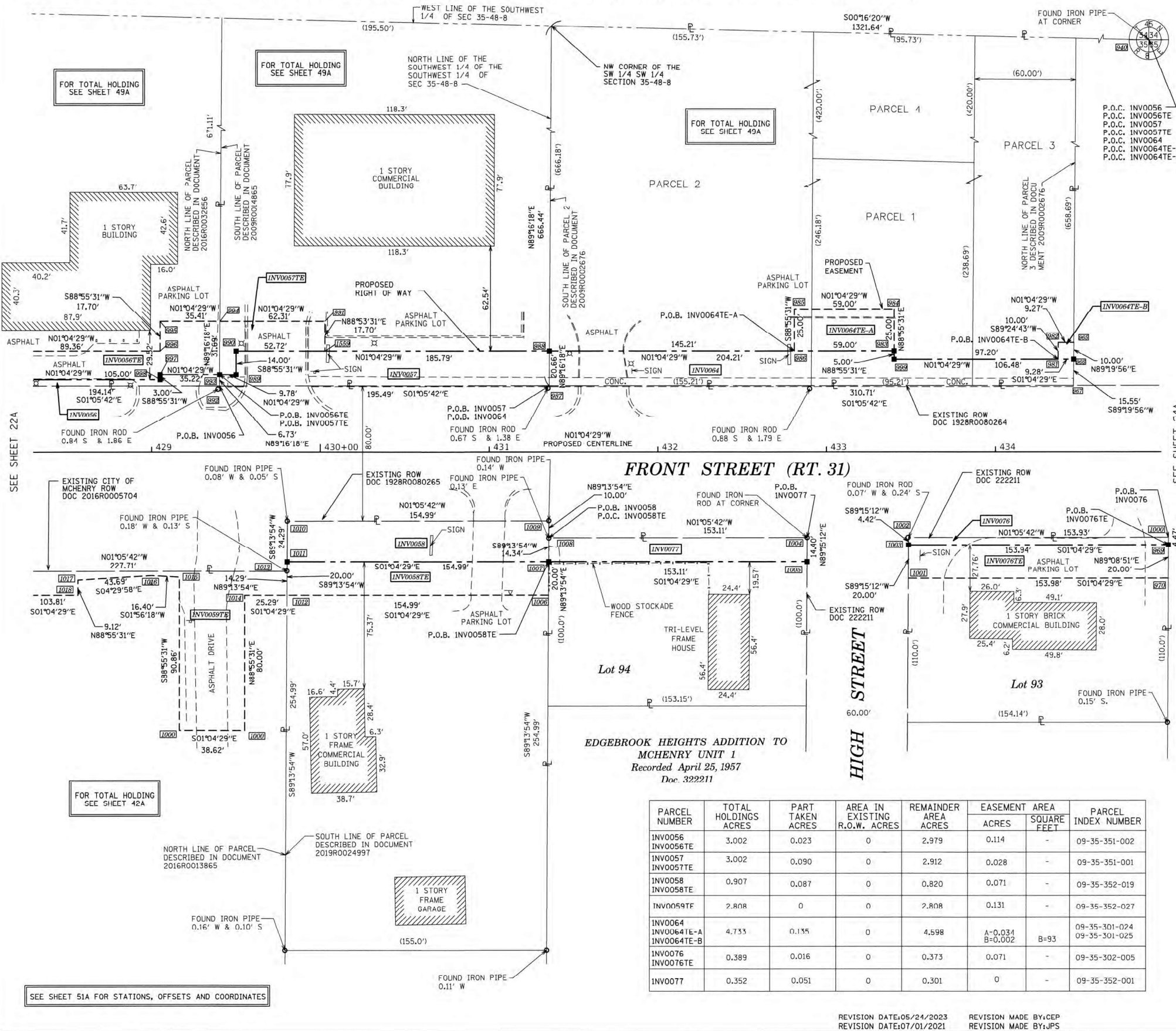
SEE SHEET 51A FOR STATIONS, OFFSETS AND COORDINATES

REVISION DATE: 07/29/2021 REVISION MADE BY: CEP
 REVISION DATE: 03/18/20212 REVISION MADE BY: MGS

MODEL: D:\default... FILE NAME: ... CADD\SHETS\33-CADD\SHETS\33-SHT-ROW\427.dwg

USER NAME = BW001	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ROW PLANS		F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		336A	FAP 336 23 RECON NORTH	McHENRY	575	310
PLOT DATE = 1/17/2026	CHECKED -	REVISED -									CONTRACT NO. 62U72
	DATE = 1/9/2026	REVISED -							ILLINOIS	FED. AID PROJECT	

PART OF THE WEST HALF OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER
QUARTER SECTION CORNER
GRAPHIC SCALE
FEET
SCALE: 1" = 30'

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

128.32'
128.32' (COMP)
128.32'

- IRON PIPE OR ROD FOUND
- ⊕ CUT CROSS FOUND OR SET
- ⊕ 'MAG' NAIL SET
- ⊕ 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- FIELD SURVEY COMPLETED ON MAY 23, 2019.

STATE OF ILLINOIS)
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
INV0056	3.002	0.023	0	2.979	0.114	-	09-35-351-002
INV0056TE							
INV0057	3.002	0.090	0	2.912	0.028	-	09-35-351-001
INV0057TE							
INV0058	0.907	0.087	0	0.820	0.071	-	09-35-352-019
INV0058TE							
INV0059TE	2.808	0	0	2.808	0.131	-	09-35-352-027
INV0064	4.733	0.135	0	4.598	A=0.034 B=0.002	B=93	09-35-301-024 09-35-301-025
INV0064TE-A							
INV0064TE-B							
INV0076	0.389	0.016	0	0.373	0.071	-	09-35-302-005
INV0076TE							
INV0077	0.352	0.051	0	0.301	0	-	09-35-352-001

REVISION DATE: 05/24/2023 REVISION MADE BY: CEP
REVISION DATE: 07/01/2021 REVISION MADE BY: JPS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ROUTE: IL ROUTE 31 AND IL ROUTE 120

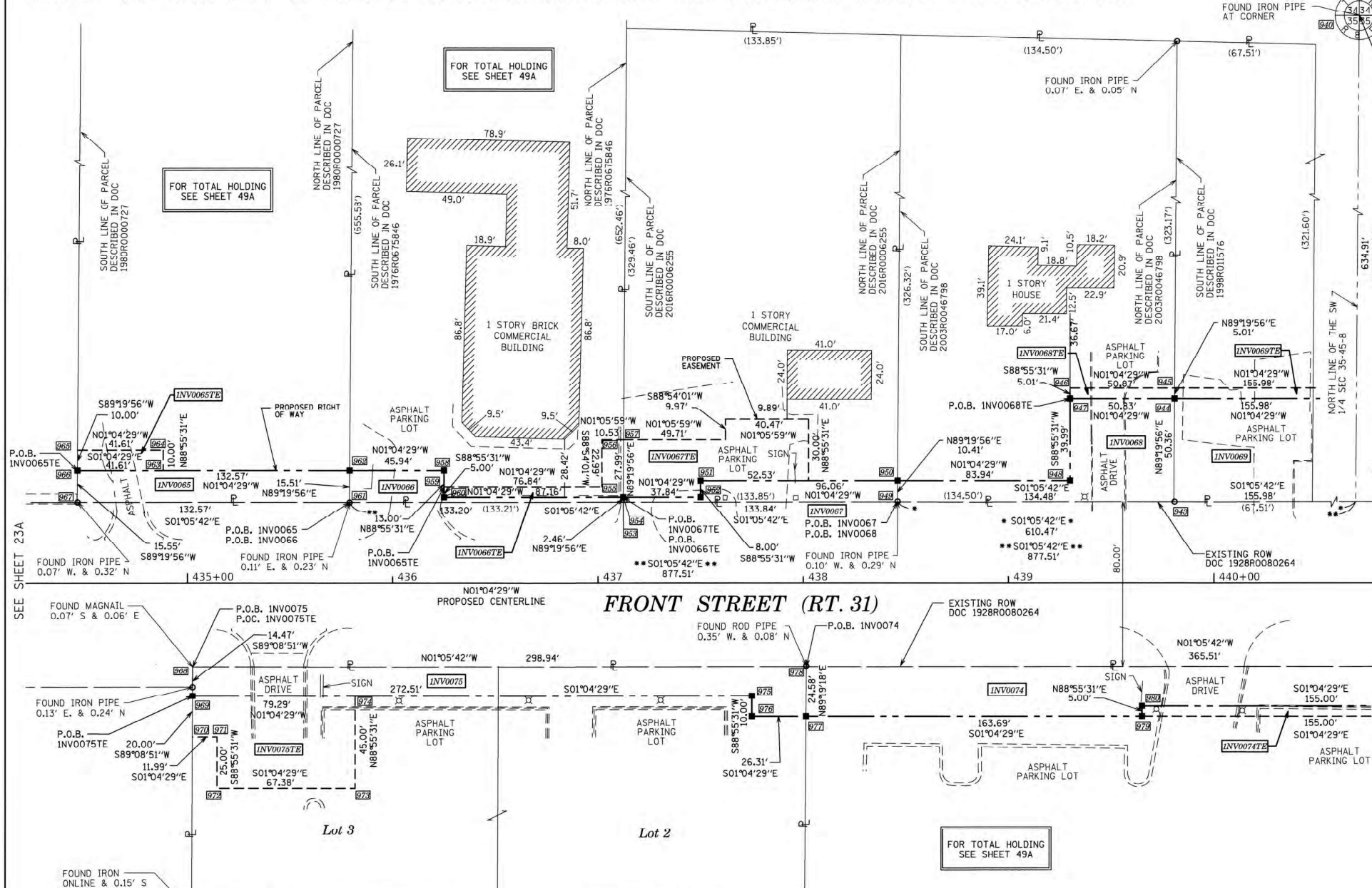
LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
SECTION: STA. 428+30 TO STA. 435+00 JOB NO.: R-91-013-07
SCALE: 1" = 30' SHEET 23A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

USER NAME = BW001	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 100,0000 / 1 in.	CHECKED -	REVISED -
PLOT DATE = 1/17/2026	DATE = 1/9/2026	REVISED -

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	311
CONTRACT NO.			62U72	
ILLINOIS		FED. AID PROJECT		

PART OF THE WEST HALF OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9 10 15 16

QUARTER SECTION CORNER: 16 15

GRAPHIC SCALE: 0 30' FEET, SCALE: 1" = 30'

P.O.C. INV0065
 P.O.C. INV0065TE
 P.O.C. INV0066
 P.O.C. INV0066TE
 P.O.C. INV0067
 P.O.C. INV0067TE
 P.O.C. INV0068
 P.O.C. INV0068TE
 P.O.C. INV0069
 P.O.C. INV0069TE

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

129.32'
 129.82' (COMP)
 (129.32')

○ IRON PIPE OR ROD FOUND
 + CUT CROSS FOUND OR SET
 ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ● PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:**
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
 5. FIELD SURVEY COMPLETED ON MAY 23, 2019.

STATE OF ILLINOIS
 COUNTY OF KANE

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
 LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



Engineering Enterprises, Inc.
 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
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PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ROUTE: IL ROUTE 31 AND IL ROUTE 120

LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
 SECTION: STA. 434+20 TO STA. 440+85 JOB NO.: R-31-013-07
 SCALE: 1" = 30' SHEET 24A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
INV0064 INV0064TE-A INV0064TE-B	4.733	0.135	0	4.598	A=0.034 B=0.002	B=93	09-35-301-024 09-35-301-025
INV0065 INV0065TE	2.001	0.047	0	1.954	0.010	417	09-35-301-026 09-35-301-027
INV0066 INV0066TE	2.001	0.021	0	1.980	0.016	-	09-35-301-012
INV0067 INV0067TE	1.008	0.025	0	0.983	0.058	-	09-35-301-019
INV0068 INV0068TE	1.003	0.079	0	0.924	0.006	254	09-35-301-009
INV0069 INV0069TE	1.151	0.180	0	0.971	0.018	-	09-35-301-007 09-35-301-008
INV0074 INV0074TE	2.749	0.205	0	2.544	0.018	-	09-35-302-017
INV0075 INV0075TE	2.998	0.106	0	2.892	0.075	-	09-35-302-035

SEE SHEET 51A FOR STATIONS, OFFSETS AND COORDINATES

REVISION DATE: 07/01/2021 REVISION MADE BY: JPS

USER NAME = BW001	DESIGNED -	REVISED -
PLOT SCALE = 100.0000 / 1 in.	DRAWN -	REVISED -
PLOT DATE = 1/17/2026	CHECKED -	REVISED -
	DATE = 1/9/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

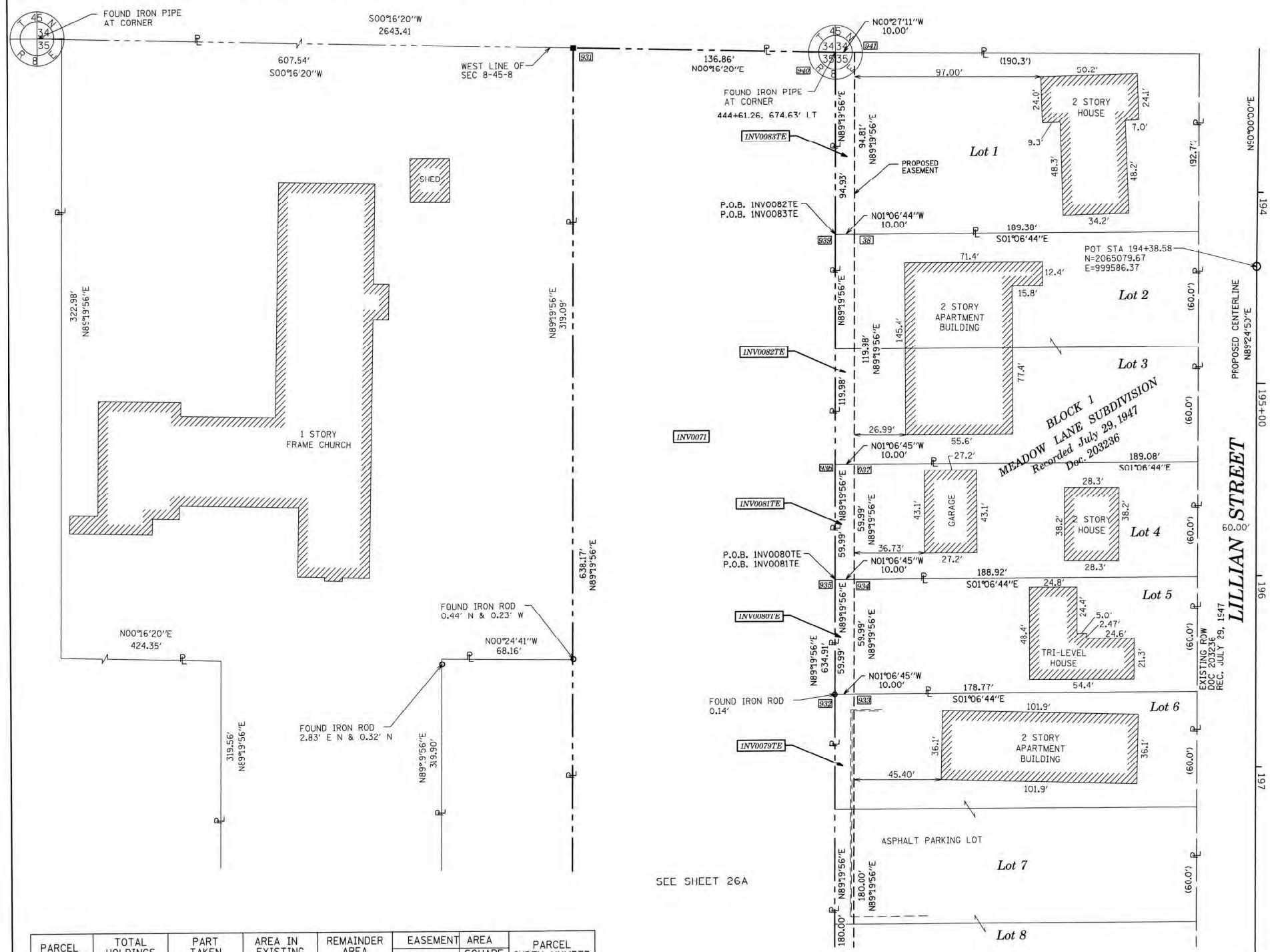
ROW PLANS

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

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	312
				CONTRACT NO. 62U72
				ILLINOIS FED. AID PROJECT

MODEL: D:\default... FILE NAME: ... CADD:\SHEETS\35-SHT-ROW-49A.dwg

PART OF THE WEST HALF OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER

GRAPHIC SCALE FEET 0 30' SCALE: 1" = 30'

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

129.32'
 129.32' (COMP)
 (129.32')

- IRON PIPE OR ROD FOUND
 - ⊕ 'MAG' NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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 - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET
- SURVEY NOTES:**
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 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON MAY 23, 2019.

STATE OF ILLINOIS)
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

Mark G. Scheller
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
 LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



Engineering Enterprises, Inc.
 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.8700 / www.eeiweb.com

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
INV0070	5.339	0.133	0	5.206	0	-	09-35-301-023
INV0071	2.000	2.000	0	0	0	-	09-35-301-001
INV0079TE	0.779	0	0	0.779	0.041	-	09-35-154-006 09-35-154-007 09-35-154-008
INV0080TE	0.260	0	0	0.260	0.014	-	09-35-154-005
INV0081TE	0.260	0	0	0.260	0.014	-	09-35-154-004
INV0082TE	0.521	0	0	0.521	0.028	-	09-35-154-002 09-35-154-003
INV0083TE	0.408	0	0	0.408	0.022	-	09-35-154-001

SEE SHEET 26A

SEE SHEET 51A FOR STATIONS, OFFSETS AND COORDINATES

REVISION DATE: 07/01/2021 REVISION MADE BY: JPS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

IDOT USE ONLY

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ROUTE: IL ROUTE 31 AND IL ROUTE 120

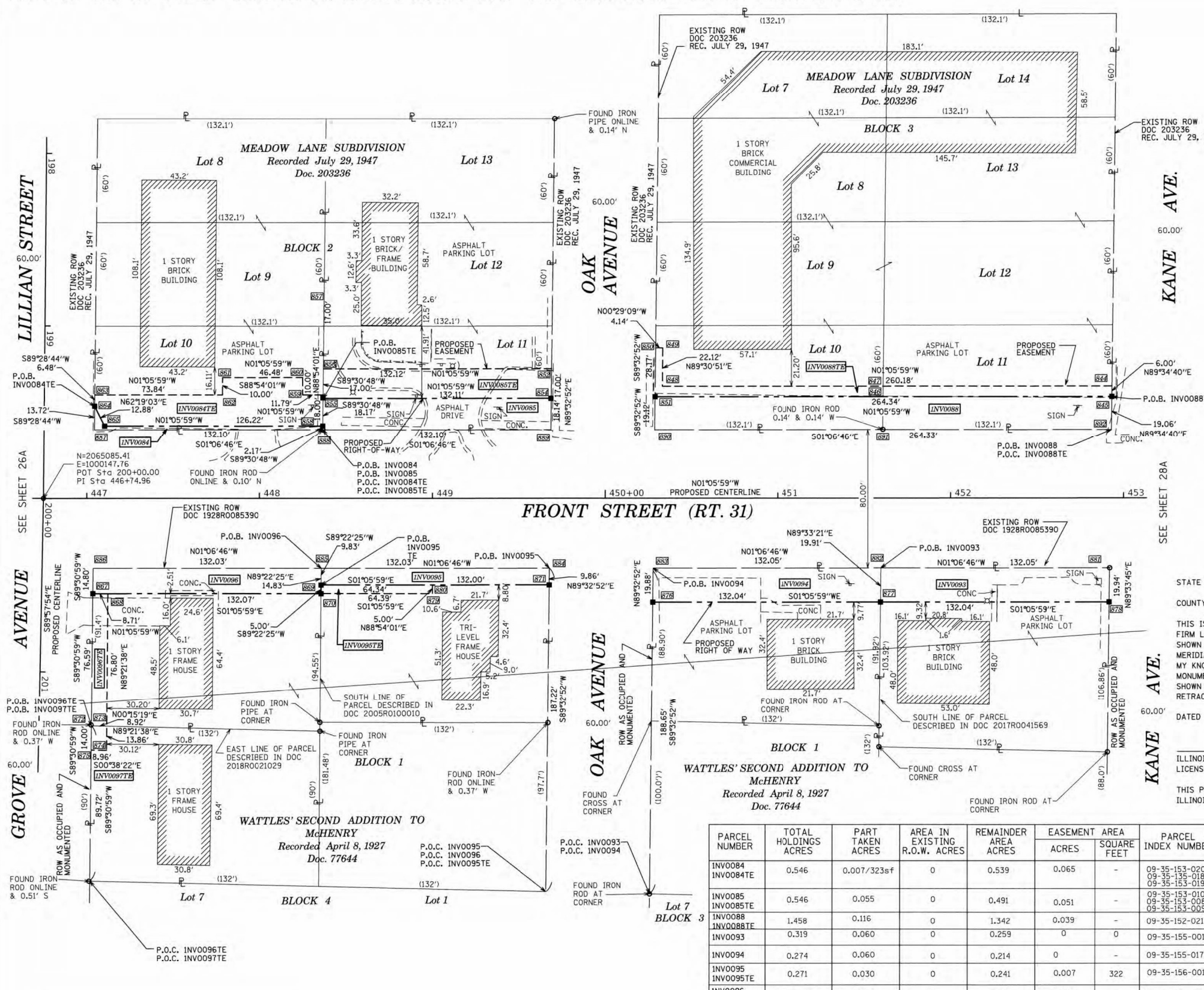
LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
 SECTION: JOB NO.: R-91-013-07
 STA. 193+25 TO STA. 198+00
 SCALE: 1" = 30' SHEET 25A OF 52A SHEETS

**BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196**

USER NAME = BW001	DESIGNED -	REVISED -
PLOT SCALE = 100.0000 / in.	DRAWN -	REVISED -
PLOT DATE = 1/17/2026	CHECKED -	REVISED -
	DATE = 1/9/2026	REVISED -

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	313
CONTRACT NO. 62U72			ILLINOIS FED. AID PROJECT	

PART OF THE NW 1/4 OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9 10 15 16
 QUARTER SECTION CORNER: 16 15

GRAPHIC SCALE: 1" = 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

IRON PIPE OR ROD FOUND: ○
 CUT CROSS FOUND OR SET: +
 STAKING OF PROPOSED RIGHT OF WAY: ■
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS: ■ M
 PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02: ●
 RIGHT OF WAY STAKING PROPOSED TO BE SET: ⊕

IRON PIPE OR ROD FOUND: ○
 'MAG' NAIL SET: ⊕
 CUT CROSS FOUND OR SET: +
 5/8" REBAR SET: ●

SURVEY NOTES:
 1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
 5. FIELD SURVEY COMPLETED ON MAY 2020.

STATE OF ILLINOIS
 COUNTY OF KANE

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS MERIDIAN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
 LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
INV0084 INV0084TE	0.546	0.007/323sf	0	0.539	0.065	-	09-35-153-020 09-35-153-018 09-35-153-019
INV0085 INV0085TE	0.546	0.055	0	0.491	0.051	-	09-35-153-010 09-35-153-008 09-35-153-009
INV0088 INV0088TE	1.458	0.116	0	1.342	0.039	-	09-35-152-021
INV0093	0.319	0.060	0	0.259	0	0	09-35-155-001
INV0094	0.274	0.060	0	0.214	0	-	09-35-155-017
INV0095 INV0095TE	0.271	0.030	0	0.241	0.007	322	09-35-156-001
INV0096 INV0096TE	0.282	0.045	0	0.237	0.016	-	09-35-156-007
INV0097TE	0.273	0	0	0.273	0.003	124	09-35-156-008

SEE SHEET 52A FOR STATIONS, OFFSETS AND COORDINATES

REVISION DATE: 02/15/2023 REVISION MADE BY: JPS

USER NAME = BW001	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/17/2026	DATE = 1/9/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

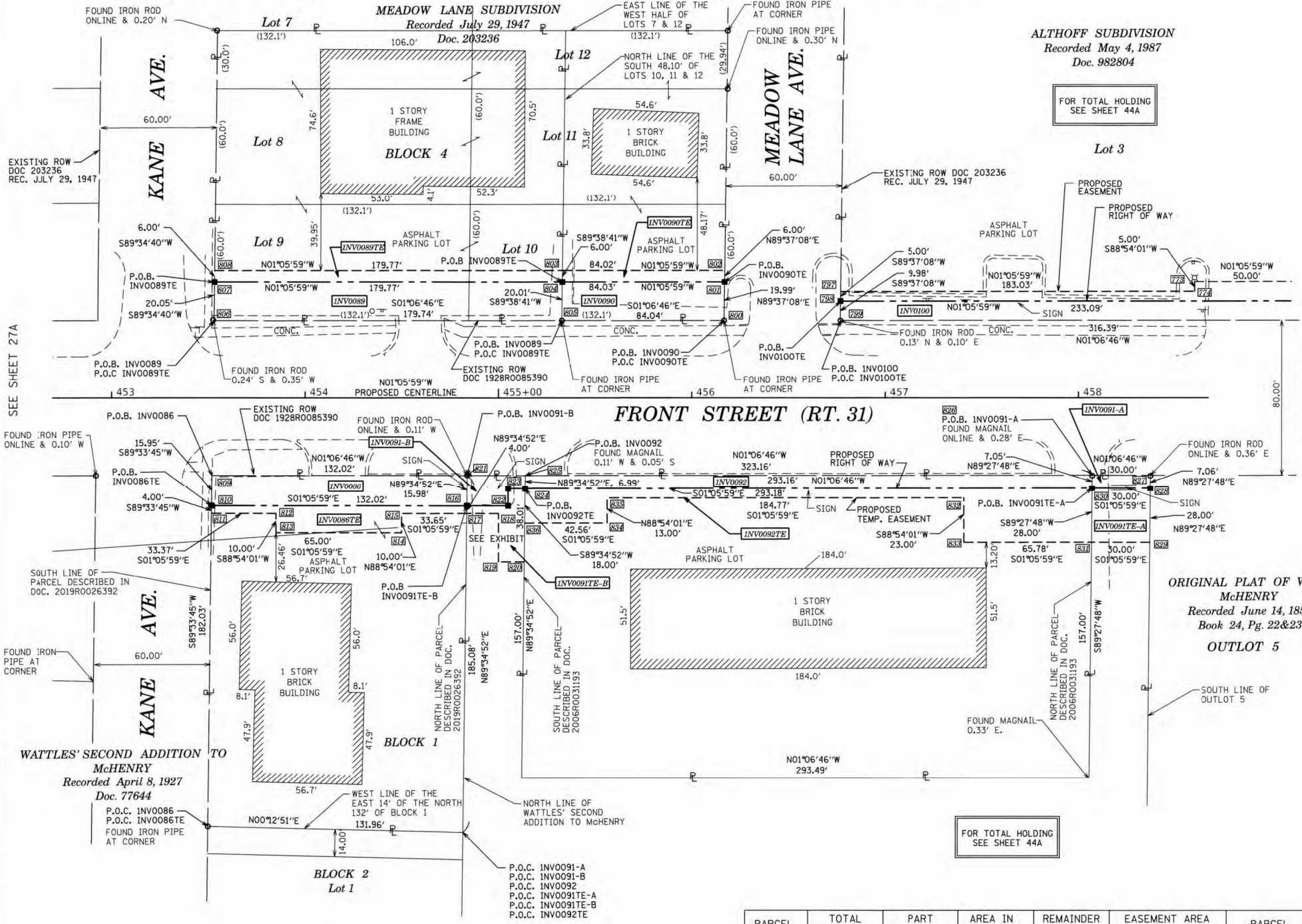
ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	315
LIMITS: IL 176 TO IL 120		COUNTY: McHENRY	JOB NO.: R-31-013-07	
STATION: STA. 446+75 TO STA. 453+00		CONTRACT NO. 62U72		
SCALE: 1" = 30'		SHEET 27A OF 52A SHEETS		
BUREAU OF LAND ACQUISITION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196				

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PART OF THE NW 1/4 OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



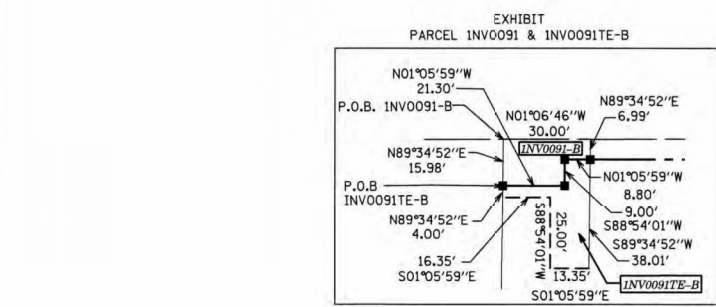
LEGEND

- SECTION / QUARTER SECTION LINE
 - PLATTED LOT LINES
 - PROPERTY (DEED) LINE
 - APPARENT PROPERTY LINE
 - EXISTING CENTERLINE
 - PROPOSED CENTERLINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED RIGHT OF WAY LINE
 - EXISTING EASEMENT
 - PROPOSED EASEMENT
 - EXISTING ACCESS CONTROL LINE
 - PROPOSED ACCESS CONTROL LINE
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORDED DIMENSION
 - EXISTING BUILDING
-
- IRON PIPE OR ROD FOUND
 - *MAG* NAIL SET
 - CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON MAY 2020.

SEE SHEET 27A

SEE SHEET 29A



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
INV0086 INV0086TE	0.556	0.048	0	0.508	0.027	-	09-35-105-025
INV0089 INV0089TE	0.620	0.083	0	0.537	0.025	-	09-35-151-023
INV0090 INV0090TE	0.289	0.039	0	0.250	0.012	-	09-35-151-014 09-35-151-019
INV0100 INV0100TE	4.061	0.128	0	3.933	0.033	330	09-35-102-020
INV0091-A INV0091-B INV0091E-A INV0091E-B	3.734	A=0.005/212sf B=0.009/401sf	0	3.720	A=0.019 B=0.012	A=840 B=536	09-35-105-021
INV0092 INV0092TE	1.057	0.047	0	1.010	0.081	-	09-35-105-008

SEE SHEET 52A FOR STATIONS, OFFSETS AND COORDINATES

REVISION DATE: 08/02/2024 REVISION MADE BY: CEP

STATE OF ILLINOIS) JSS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ROUTE: IL ROUTE 31 AND IL ROUTE 120

LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
SECTION: STA. 452+70 TO STA. 458+70 JOB NO.: R-91-013-07
SCALE: 1" = 30' SHEET 28A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

USER NAME = BW001	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/17/2026	CHECKED -	REVISED -
	DATE = 1/9/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

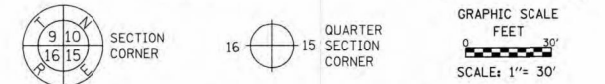
ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

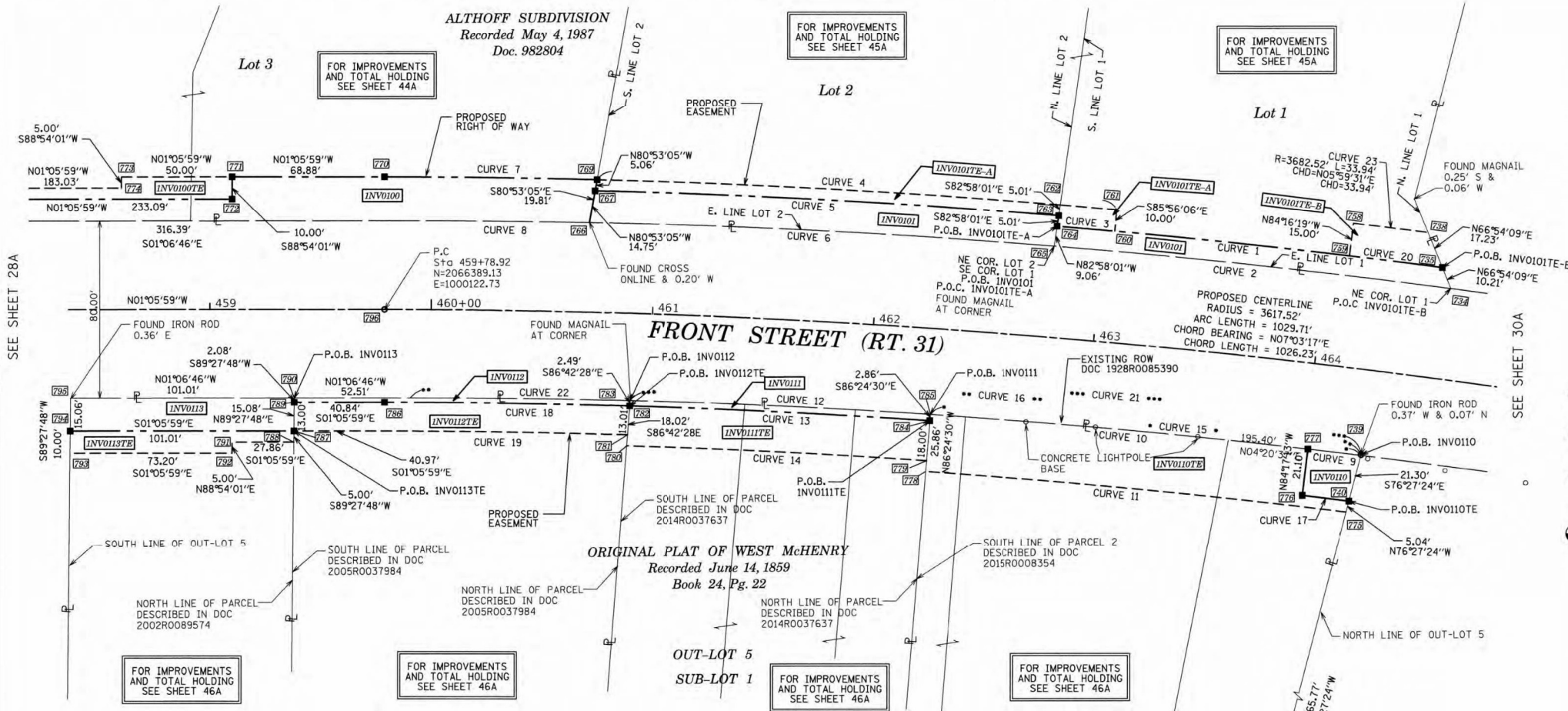
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	316
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62U72	

PART OF THE NW 1/4 OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND



- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
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- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING



CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
CURVE 1	3667.80'	174.74'	N05°01'23"E	174.72'
CURVE 2	3547.80'	179.87'	S05°00'27"W	179.85'
CURVE 3	3667.80'	26.04'	S03°51'42"W	26.04'
CURVE 4	3677.80'	235.51'	N02°13'50"E	235.47'
CURVE 5	3672.80'	210.17'	N02°01'25"E	210.14'
CURVE 6	3547.80'	210.77'	S01°51'11"W	210.74'
CURVE 7	3677.80'	96.02'	N02°21'06"W	96.02'
CURVE 8	3547.80'	87.20'	S00°28'49"E	87.20'
CURVE 9	3467.80'	24.15'	N05°45'30"E	24.15'
CURVE 10	3467.80'	171.28'	N04°08'38"E	171.26'
CURVE 11	3552.80'	190.87'	S04°23'08"W	190.85'
CURVE 12	3467.80'	135.85'	N01°36'24"E	135.85'
CURVE 13	3575.80'	135.83'	S01°45'46"W	135.83'
CURVE 14	3557.52'	135.74'	S01°45'14"W	135.73'
CURVE 15	3467.80'	195.43'	N04°20'37"E	195.40'
CURVE 16	3467.80'	430.52'	S02°24'05"W	430.25'
CURVE 17	3557.80'	21.25'	S05°45'51"W	21.25'
CURVE 18	3575.80'	110.73'	S00°12'45"E	110.73'
CURVE 19	3562.80'	109.74'	S00°13'02"E	109.73'
CURVE 20	3667.80'	42.24'	S06°03'29"W	42.24'
CURVE 21	3467.80'	331.29'	S03°13'16"W	331.16'
CURVE 22	3467.80'	99.23'	N00°20'08"W	99.23'

STATE OF ILLINOIS
 COUNTY OF KANE

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
 LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



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PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ROUTE: IL ROUTE 31 AND IL ROUTE 120

LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
 SECTION: STA. 458+25 TO STA. 465+00 JOB NO.: R-91-013-07
 SCALE: 1" = 30' SHEET 29A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
INV0100 INV0100TE	4.061	0.128	0	3.933	0.033	-	09-35-102-020
INV0101 INV0101TE-A INV0101TE-B	2.593	0.105	0	2.488	A=0.030 B=0.013	A=1308 B=572	09-35-102-010 09-35-102-011
INV0110 INV0110TE	1.316	0.011	0	1.305	0.104	-	09-35-105-030
INV0111 INV0111TE	1.096	0.008 366 sf	0	1.088	0.056	-	09-35-105-029
INV0112 INV0112TE	1.139	0.008 339 SF	0	1.131	0.045	-	09-35-105-006
INV0113 INV0113TE	0.818	0.035	0	0.783	0.020	-	09-35-105-007

REVISION DATE: 08/22/2022 REVISION MADE BY: JLS
 REVISION DATE: 07/29/2021 REVISION MADE BY: CEP

SEE SHEET 52A FOR STATIONS, OFFSETS AND COORDINATES

USER NAME = BW001	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 1/17/2026	DATE = 1/9/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

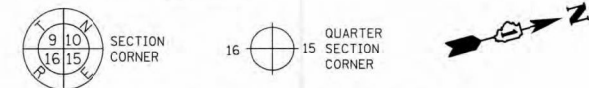
ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

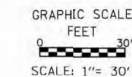
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	317
CONTRACT NO. 62U72				
ILLINOIS		FED. AID PROJECT		

PART OF THE NW 1/4 OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

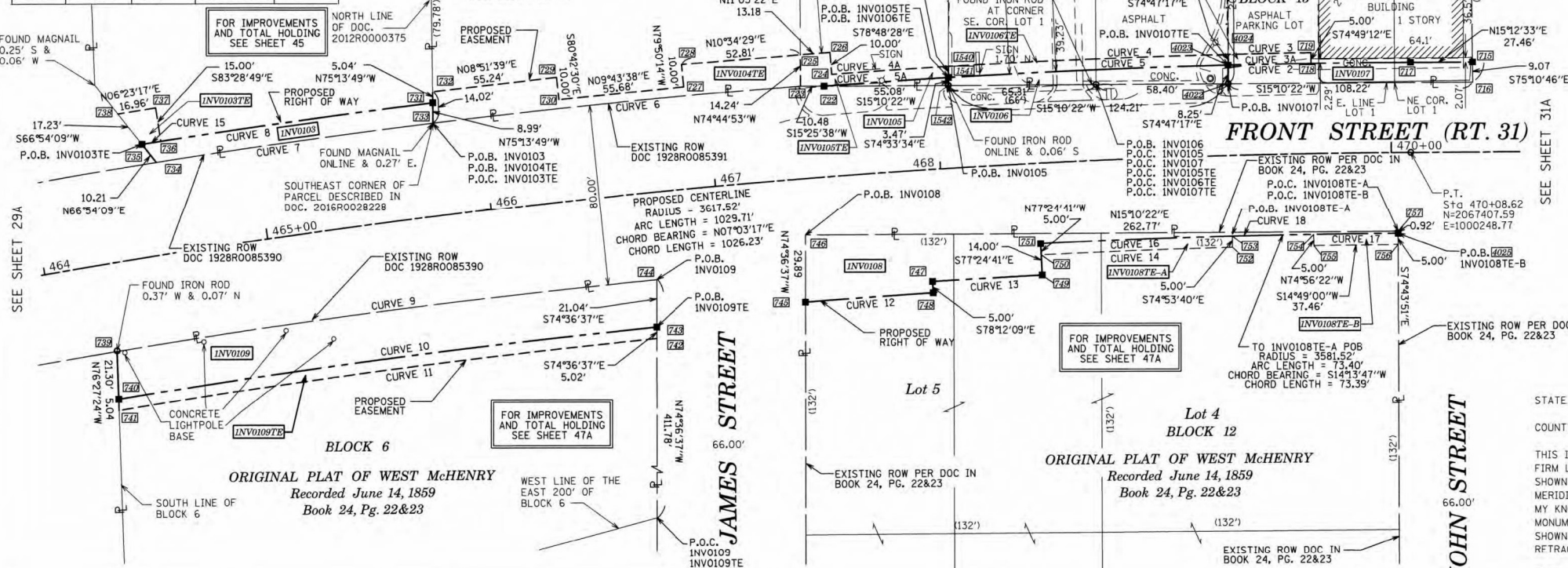
LEGEND



- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
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- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING



CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH	CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
1	3,617.52'	1,029.71'	N07°03'17"E	1026.23'	3A	3,657.79'	36.61'	S14°33'40"W	36.61'
2	3,657.79'	80.70'	N14°34'38"E	80.69'	4A	3,662.52'	51.84'	N11°35'52"E	51.84'
3	3,662.52'	36.61'	N14°41'02"E	36.61'	5A	3,657.79'	55.21'	N11°33'57"E	55.21'
4	3,662.52'	124.28'	N12°58'31"E	124.28'	16	3,581.52'	84.64'	S13°55'56"W	84.63'
5	3,657.79'	124.30'	N12°58'18"E	124.30'	17	3,581.52'	37.48'	N14°49'01"E	37.48'
6	3,547.80'	163.74'	N09°46'54"E	163.73'	18	3,581.52'	158.04'	S14°33'48"W	158.03'
7	3547.80'	123.81'	N07°27'35"E	123.81'					
8	3667.79'	130.15'	N07°24'16"E	130.14'					
9	3467.80'	241.32'	N07°57'05"W	241.27'					
10	3552.80'	240.67'	S07°52'23"W	240.62'					
11	3552.80'	240.51'	S07°51'50"W	240.46'					
12	3562.80'	56.76'	N11°20'27"E	56.76'					
13	3567.80'	49.26'	S12°11'34"W	49.26'					
14	3576.52'	84.42'	N13°15'53"E	84.42'					
15	3667.79'	8.45'	N06°27'14"E	8.45'					



- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 ('2011 ADJUSTMENT') 'GRID'.
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON MAY 23, 2019.

STATE OF ILLINOIS
COUNTY OF KANE

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM AND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)					
PT#	COORDINATES	STATION/OFFSET	PT#	COORDINATES	STATION/OFFSET
726	N = 2067444.62 E = 1000217.39	470+36.13, 40.00' LT	726	N = 2066993.37 E = 1000120.30	465+79.06, 41.06' LT
727	N = 2067442.31 E = 1000228.15	470+36.19, 30.93' LT	727	N = 2066870.61 E = 1000104.23	464+56.64, 41.11' LT
728	N = 2067418.12 E = 1000210.18	470+08.66, 40.00' LT	728	N = 2066656.60 E = 1000094.84	464+51.67, 49.99' LT
729	N = 2067375.52 E = 1000198.87	469+65.06, 40.00' LT	729	N = 2066874.99 E = 1000095.79	464+60.00, 50.00' LT
730	N = 2067376.83 E = 1000194.05	469+65.12, 45.00' LT	730	N = 2066876.70 E = 1000080.88	464+60.00, 65.00' LT
731	N = 2067164.82 E = 1000150.90	467+51.30, 40.00' LT	731	N = 2066859.84 E = 1000078.99	464+43.34, 65.00' LT
732	N = 2067154.72 E = 1000148.12	467+40.97, 40.80' LT	732	N = 2066831.41 E = 1000180.43	464+25.94, 38.89' RT
733	N = 2067158.45 E = 1000146.72	467+55.00, 45.00' LT	733	N = 2066826.42 E = 1000201.13	464+23.09, 60.00' RT
734	N = 2067158.46 E = 1000134.37	467+42.02, 55.00' LT	734	N = 2066825.24 E = 1000206.04	464+22.41, 65.00' RT
735	N = 2067171.40 E = 1000136.91	467+55.00, 55.00' LT	735	N = 2067063.44 E = 1000238.94	466+67.31, 65.00' RT
736	N = 2067104.79 E = 1000134.53	466+90.00, 45.00' LT	736	N = 2067064.77 E = 1000234.09	466+67.81, 60.00' RT
737	N = 2067106.55 E = 1000124.68	466+90.00, 55.00' LT	737	N = 2067070.36 E = 1000213.80	466+69.88, 39.05' RT
738	N = 2067051.52 E = 1000115.25	466+35.00, 55.00' LT	738	N = 2067131.28 E = 1000241.15	467+35.58, 55.00' RT
739	N = 2067049.90 E = 1000125.12	466+35.00, 45.00' LT	739	N = 2067139.21 E = 1000212.34	467+37.95, 25.20' RT
740	N = 2066995.66 E = 1000111.61	465+80.04, 49.99' LT	740	N = 2067187.95 E = 1000247.42	467+93.22, 50.00' RT
741	N = 2066996.94 E = 1000106.74	465+80.59, 55.00' LT	741	N = 2067186.93 E = 1000252.32	467+93.22, 55.00' RT

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	SQUARE FEET	PARCEL INDEX NUMBER
INV0103 INV0103TE	0.827	0.026	0	0.801	0.004	191	09-35-102-022
INV0104	2.195	0	0	2.195	0.040	-	09-35-102-026
INV0105 INV0105TE	0.215	0.002 96 SF	0	0.213	0.011	-	09-35-102-006 09-35-102-013
INV0106 INV0106TE	0.755	0.018 772 SF	0	0.737	0.014	-	09-35-102-027(P)
INV0107 INV0107TE	0.326	0.022	0	0.304	0.004	183	09-35-102-025 09-35-102-017
INV0108 INV0108TE-A INV0108TE-B	1.779	0.066	0	1.713	A=0.010 B=0.004	A = 423 B = 189	09-35-104-001 09-35-104-002 09-35-104-011 09-35-104-012 09-35-104-014 09-35-104-014
INV0109 INV0109TE	2.288	0.117	0	2.171	0.028	-	09-35-105-001

REVISION DATE: 05/03/2024 REVISION MADE BY: CEP
 REVISION DATE: 06/08/2023 REVISION MADE BY: MGS
 REVISION DATE: 11/01/2022 REVISION MADE BY: JLS
 REVISION DATE: 06/23/2022 REVISION MADE BY: JLS
 REVISION DATE: 02/11/2022 REVISION MADE BY: JLS
 REVISION DATE: 07/01/2021 REVISION MADE BY: JPS

IDOT USE ONLY

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ROUTE: IL ROUTE 31 AND IL ROUTE 120

LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
 SECTION: STA. 464+00 TO STA. 470+50 JOB NO.: R-91-013-07
 SCALE: 1" = 30' SHEET 30A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

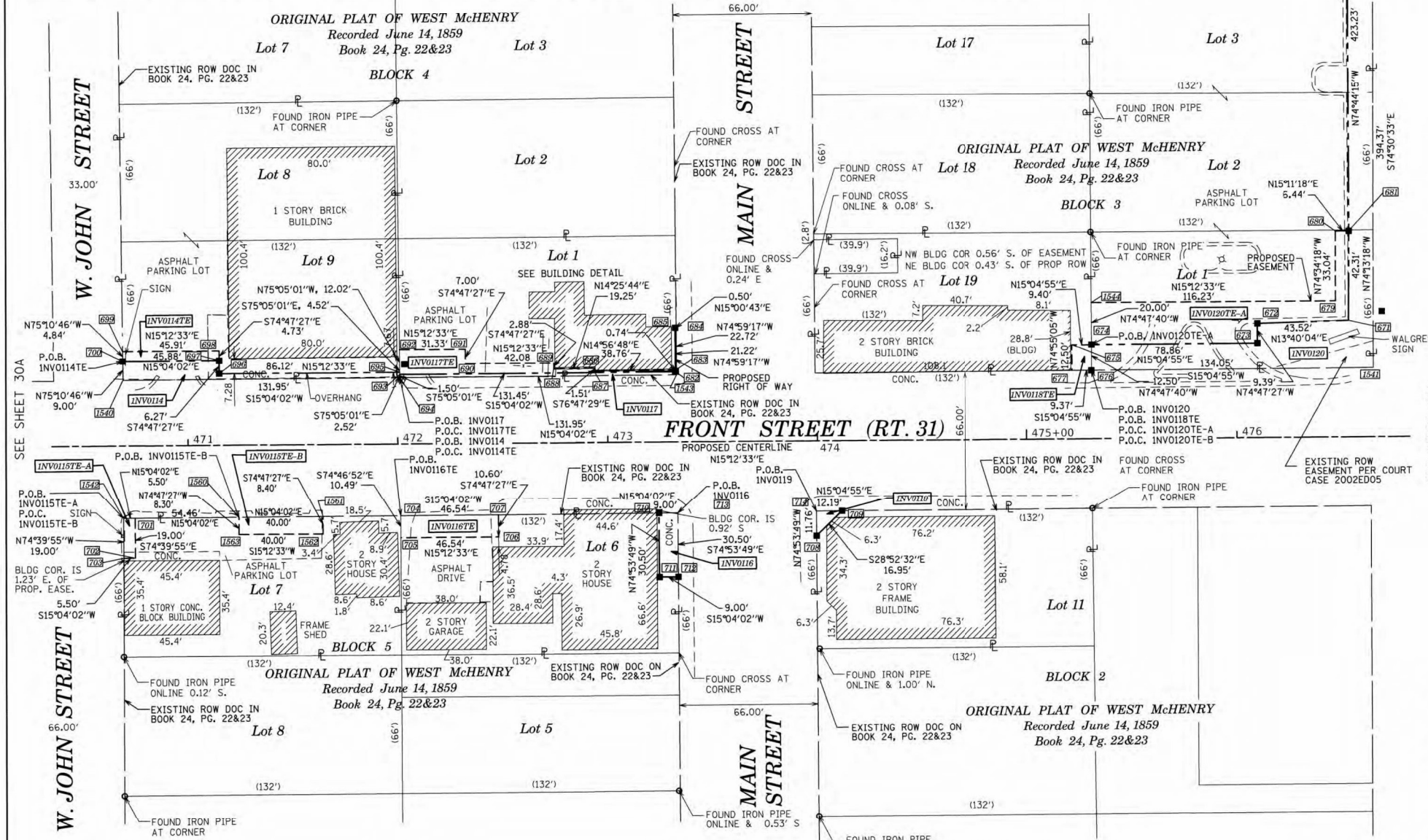
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USER NAME	DESIGNED	REVISED	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
= BW001	-	-	336A	FAP 336 23 RECON NORTH	McHENRY	575	318
PLOT SCALE = 100.0000 / 1 in.	CHECKED	REVISID	CONTRACT NO. 62U72				
PLOT DATE = 1/17/2026	DATE = 1/9/2026	REVISID	SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS	FED. AID PROJECT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

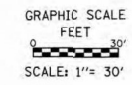
ROW PLANS

PART OF THE SW 1/4 OF SECTION 26, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.
 PART OF THE NW 1/4 OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- * MAG' NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



SURVEY NOTES:
 1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
 5. FIELD SURVEY COMPLETED ON MAY 23, 2019.

STATE OF ILLINOIS)
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 26 AND 35, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

Mark G. Scheller
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
 LICENSE EXPIRATION DATE: 11/30/26



THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

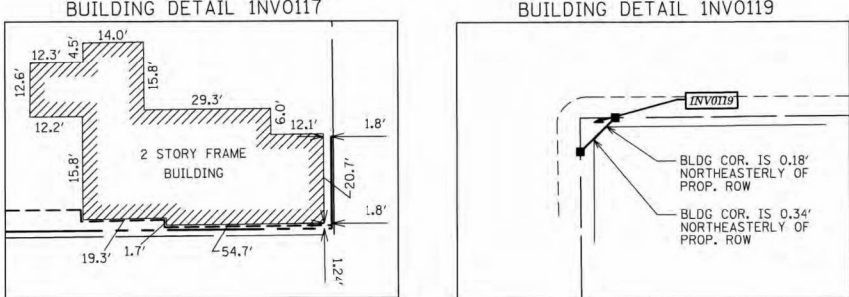
Engineering Enterprises, Inc.
 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eeiweb.com

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ROUTE: IL ROUTE 31 AND IL ROUTE 120

LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
 SECTION: TO STA. 476+80 JOB NO.: R-31-013-07
 STA. 470+50 TO STA. 476+80
 SCALE: 1" = 30' SHEET 31A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
INV0114 INV0114TE	0.400	0.015	0	0.385	0.005	220	09-26-355-015
INV0115TE-A INV0115TE-B	0.201	0	0	0.201	A=0.002 B=0.008	A=105 B=334	09-26-356-002 09-35-103-001
INV0116 INV0116TE	0.202	0.006 275 SF	0	0.196	0.011	-	09-26-356-001
INV0117 INV0117TE	0.201	0.005 209 SF	0	0.196	0.015	-	09-26-355-010
INV0118TE	0.186	0	0	0.186	0.003	117	09-26-354-026 09-26-354-036
INV0119	0.199	0.002 72 SF	0	0.197	-	-	09-26-381-011
INV0120 INV0120TE-A INV0120TE-B	1.815	0.175	0.043	1.640	A=0.051 B=0.108	-	09-26-354-038



REVISION DATE: 10/04/2024 REVISION MADE BY: CEP

USER NAME = BW001
 DESIGNED -
 DRAWN -
 PLOT SCALE = 100.0000 * / in.
 CHECKED -
 PLOT DATE = 1/17/2026
 DATE = 1/9/2026

DESIGNED -
 DRAWN -
 CHECKED -
 DATE = 1/9/2026

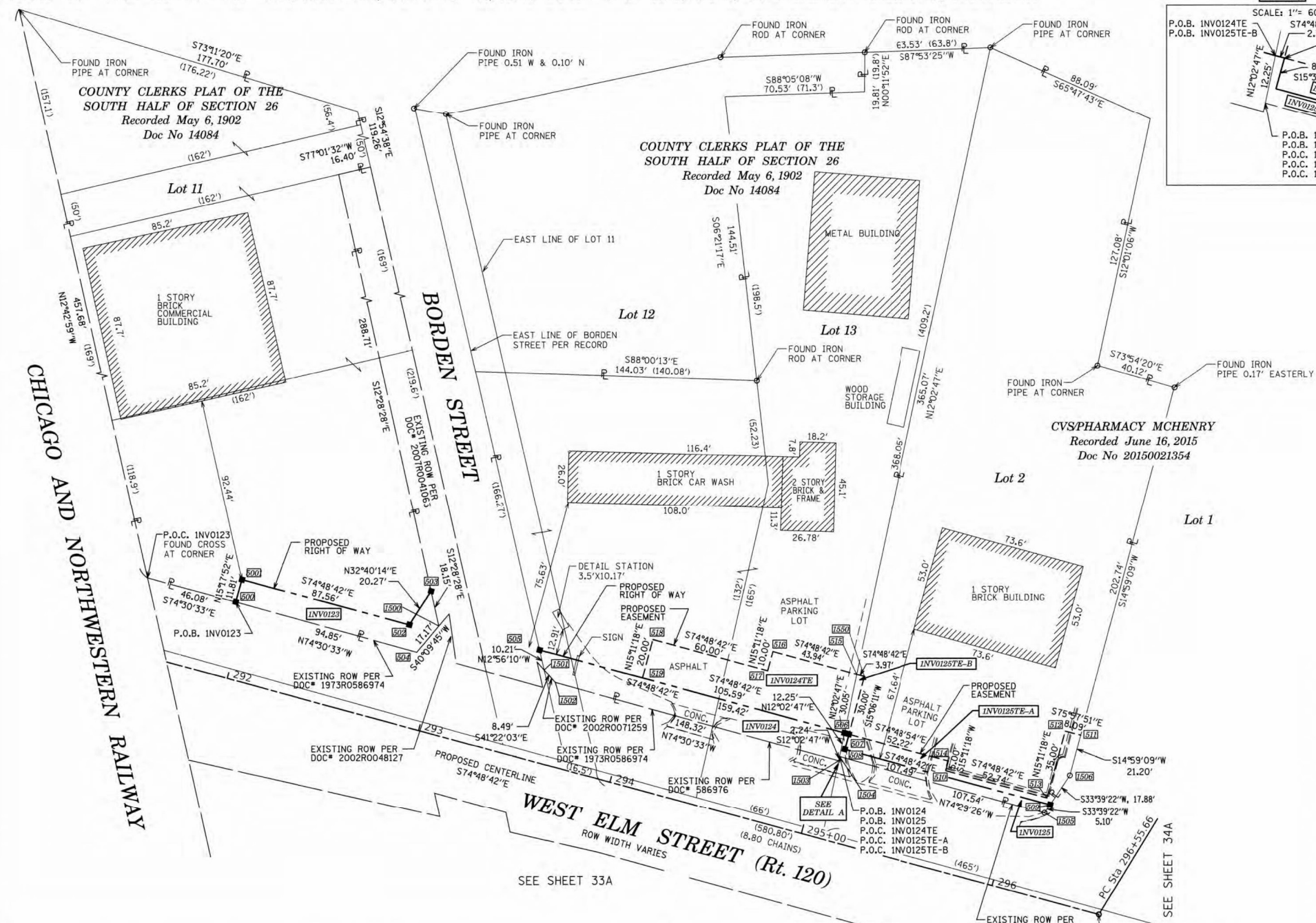
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLANS
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	319
CONTRACT NO. 62U72				ILLINOIS FED. AID PROJECT

PART OF THE SW 1/4 OF SECTION 26, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

SECTION CORNER: 9, 10, 15, 16

QUARTER SECTION CORNER: 16, 15

GRAPHIC SCALE: 1" = 30'

- IRON PIPE OR ROD FOUND
 - + CUT CROSS FOUND OR SET
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET
- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
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 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON MAY 23, 2019.

STATE OF ILLINOIS) 155
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
 LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PROJECT COORDINATES
 IL. STATE PLANE, EAST ZONE, NAD83 (2011)

PT*	COORDINATES	STATION/OFFSET	PT*	COORDINATES	STATION/OFFSET	PT*	COORDINATES	STATION/OFFSET
500	N = 2068313.74 E = 999683.97	291+94.00, 38.19' LT	500	N = 2068228.66 E = 1000042.46	295+62.26, 50.00' LT	500	N = 2068301.54 E = 999786.45	292+96.10, 53.26' LT
501	N = 2068325.13 E = 999681.08	291+94.03, 50.00' LT	501	N = 2068246.66 E = 1000110.37	296+23.08, 85.16' LT	501	N = 2068279.60 E = 999839.52	293+53.07, 45.99' LT
502	N = 2068302.15 E = 999771.56	292+81.57, 49.95' LT	502	N = 2068248.62 E = 1000102.52	296+15.00, 85.00' LT	502	N = 2068273.23 E = 999845.13	293+60.15, 41.32' LT
503	N = 2068319.26 E = 999782.53	292+87.68, 69.34' LT	503	N = 2068214.84 E = 1000093.35	296+15.00, 50.00' LT	503	N = 2068233.61 E = 999988.06	295+08.47, 40.53' LT
504	N = 2068288.41 E = 999775.37	292+88.85, 37.69' LT	504	N = 2068233.48 E = 1000043.77	295+62.26, 55.00' LT	504	N = 2068235.80 E = 999988.53	295+08.35, 42.77' LT
505	N = 2068289.55 E = 999837.24	293+48.26, 55.00' LT	505	N = 2068276.13 E = 1000001.19	295+06.03, 85.00' LT	505	N = 2068207.05 E = 1000092.16	296+15.88, 42.16' LT
506	N = 2068247.78 E = 999991.09	295+07.67, 55.00' LT	506	N = 2068288.68 E = 999954.96	294+62.09, 85.00' LT	506	N = 2068226.17 E = 1000104.88	296+23.16, 63.96' LT
507	N = 2068247.16 E = 999993.37	295+10.04, 55.00' LT	507	N = 2068279.03 E = 999952.34	294+62.09, 75.00' LT	507	N = 2068276.13 E = 1000001.19	295+10.00, 85.00' LT
508	N = 2068239.45 E = 999991.24	295+10.00, 47.00' LT	508	N = 2068294.75 E = 999894.43	294+02.09, 75.00' LT			
509	N = 2068211.29 E = 1000094.97	296+17.49, 47.00' LT	509	N = 2068275.44 E = 999889.19	294+02.09, 55.00' LT			

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	PARCEL INDEX NUMBER
INVO123	1.492	0.031	0	1.461	-	09-26-308-019
INVO124	1.121	0.050	0	1.071	0.058	09-26-351-021 09-26-351-004
INVO125	0.886	0.012	0	0.874	A = 0.019 B = 0.002	09-26-351-023

Engineering Enterprises, Inc.
 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eeiweb.com

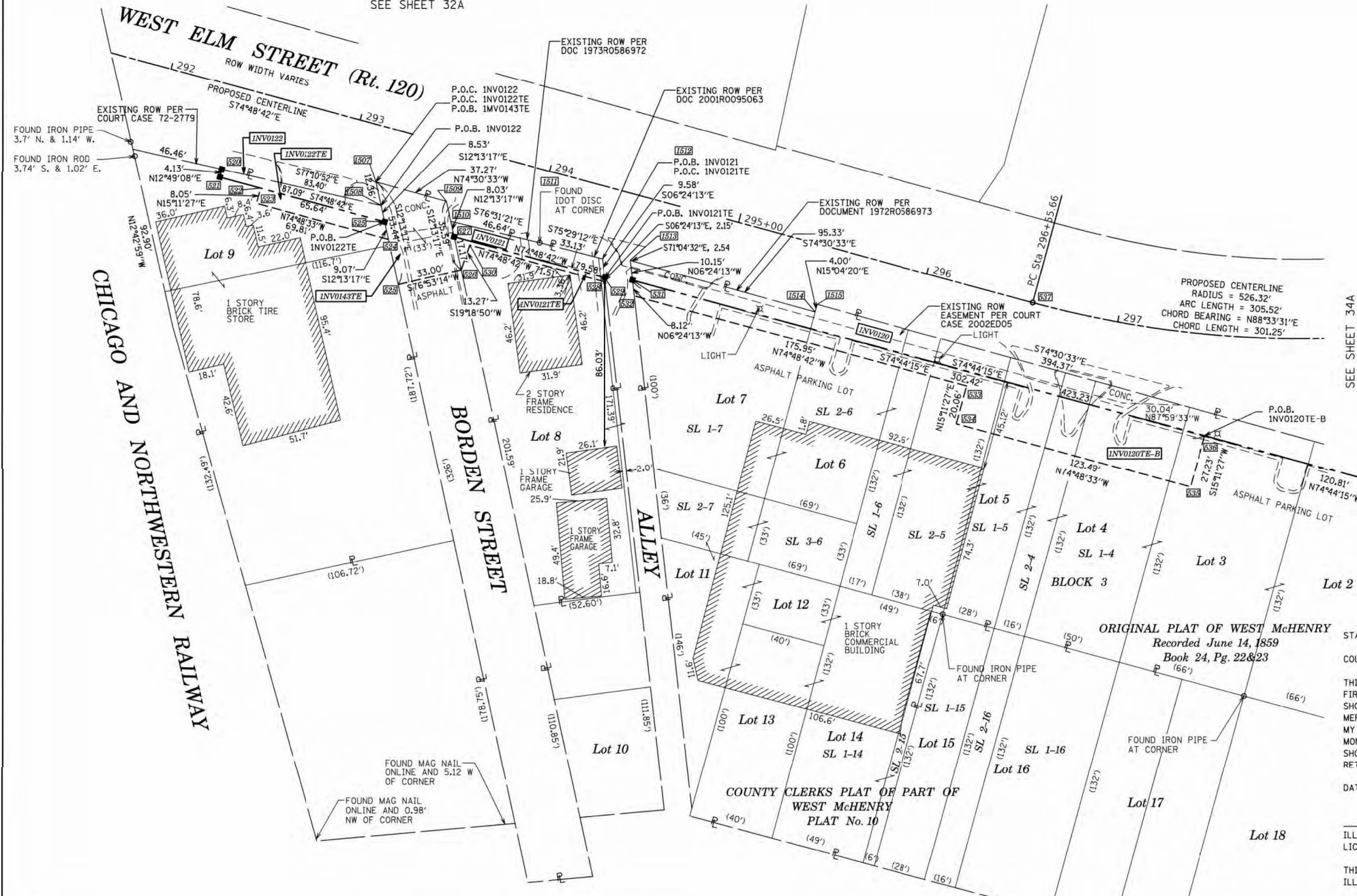
PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ROUTE: IL ROUTE 31 AND IL ROUTE 120

LIMITS: IL 176 TO 120 COUNTY: McHENRY
 SECTION: 336A TO STA. 296+50 JOB NO.: R-91-013-07
 STA. 291+70 TO STA. 296+50
 SCALE: 1" = 30' SHEET 32A OF 52A SHEETS

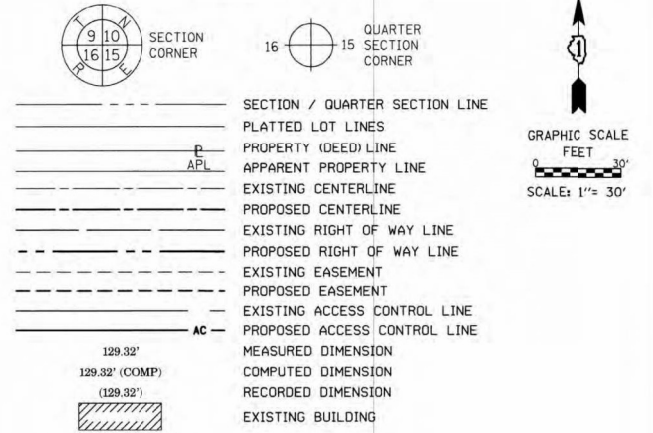
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

PART OF THE SW 1/4 OF SECTION 26, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

SEE SHEET 32A



LEGEND



- IRON PIPE OR ROD FOUND
- ⊕ *MAG* NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
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 - FIELD SURVEY COMPLETED ON MAY 23, 2019.

STATE OF ILLINOIS) JSS
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
 LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PROJECT COORDINATES
 IL STATE PLANE, EAST ZONE, NAD83 (2011)

PT#	COORDINATES	STATION/OFFSET	PT#	COORDINATES	STATION/OFFSET	PT#	COORDINATES	STATION/OFFSET
6207	N = 2068223.87 E = 999705.59	292+38.42, 42.87' RT	6208	N = 2068185.24 E = 999832.14	293+70.67, 47.00' RT	6209	N = 2068217.45 E = 999784.30	293+16.06, 28.45' RT
6208	N = 2068219.85 E = 999704.68	292+38.59, 47.00' RT	6209	N = 2068167.42 E = 999915.15	294+55.44, 42.45' RT	6210	N = 2068205.37 E = 999786.92	293+21.75, 39.42' RT
6209	N = 2068214.23 E = 999725.38	292+60.04, 47.00' RT	6210	N = 2068159.35 E = 999916.05	294+58.43, 50.00' RT	6211	N = 2068207.50 E = 999820.22	293+53.33, 28.65' RT
6210	N = 2068206.46 E = 999723.27	292+60.04, 55.05' RT	6211	N = 2068113.26 E = 1000085.85	296+34.37, 50.00' RT	6212	N = 2068197.34 E = 999822.42	293+58.11, 37.87' RT
6211	N = 2068188.16 E = 999790.64	293+29.85, 55.05' RT	6212	N = 2068093.89 E = 1000080.60	296+34.37, 70.06' RT	6213	N = 2068186.47 E = 999867.78	294+04.74, 36.48' RT
6212	N = 2068185.23 E = 999795.61	293+25.68, 47.00' RT	6213	N = 2068061.54 E = 1000199.77	297+44.98, 18.76' RT	6214	N = 2068178.17 E = 999995.85	294+37.87, 36.09' RT
6213	N = 2068172.71 E = 999827.75	293+69.71, 60.24' RT	6214	N = 2068087.81 E = 1000206.90	297+49.17, 51.94' RT	6215	N = 2068177.51 E = 999914.01	294+51.70, 33.01' RT
6214	N = 2068189.50 E = 999824.12	293+61.81, 45.00' RT	6215	N = 2068155.93 E = 1000119.50	296+55.66, 0.00' LT	6216	N = 2068151.23 E = 1000008.28	295+49.56, 33.68' RT
6215	N = 2068167.07 E = 999899.08	294+42.18, 47.00' RT				6217	N = 2068155.09 E = 1000009.32	295+49.56, 29.68' RT
6216	N = 2068168.65 E = 999900.92	294+41.39, 45.00' RT						

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
INV0120 INV0120TE-A INV0120TE-B	1.815	0.175	0.043	1.640	A = 0.051 B = 0.108	-	09-26-354-038
INV0121 INV0121TE	0.272	0.015	0	0.257	0.005	211	09-26-354-037
INV0122 INV0122TE	0.530	0.012	0	0.518	0.013	-	09-26-354-033
INV0143TE	0.267	0	0	0.267	0.034	-	09-26-354-039

REVISION DATE: 04/23/2024 REVISION MADE BY: CEP

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ROUTE: IL ROUTE 31 AND IL ROUTE 120

LIMITS: IL 176 TO 120 COUNTY: McHENRY
 SECTION: JOB NO.: R-91-013-07
 STA. 291+70 TO STA. 298+00
 SCALE: 1" = 30' SHEET 33A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

USER NAME	DESIGNED	REVISED
= BW001	-	-
	DRAWN	REVISED
	CHECKED	REVISED
	DATE	REVISED

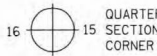
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	321
				CONTRACT NO. 62U72
		ILLINOIS	FED. AID PROJECT	

PART OF THE SW 1/4 OF SECTION 26, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND



SECTION CORNER



QUARTER SECTION CORNER



GRAPHIC SCALE
FEET
0 30'
SCALE: 1" = 30'

CURVE 1
RADIUS = 478.97'
ARC LENGTH = 63.15'
CHORD BEARING = S78°35'17"E
CHORD LENGTH = 63.10'

CURVE 2
RADIUS = 479.97'
ARC LENGTH = 155.93'
CHORD BEARING = S88°20'25"W
CHORD LENGTH = 155.24'

CURVE 3
RADIUS = 476.32'
ARC LENGTH = 40.47'
CHORD BEARING = S88°55'34"E
CHORD LENGTH = 40.45'

CURVE 4
RADIUS = 477.32'
ARC LENGTH = 154.83'
CHORD BEARING = S88°20'52"W
CHORD LENGTH = 154.15'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND ⊕ *MAG* NAIL SET
- + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999943109.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON MAY 23, 2019.

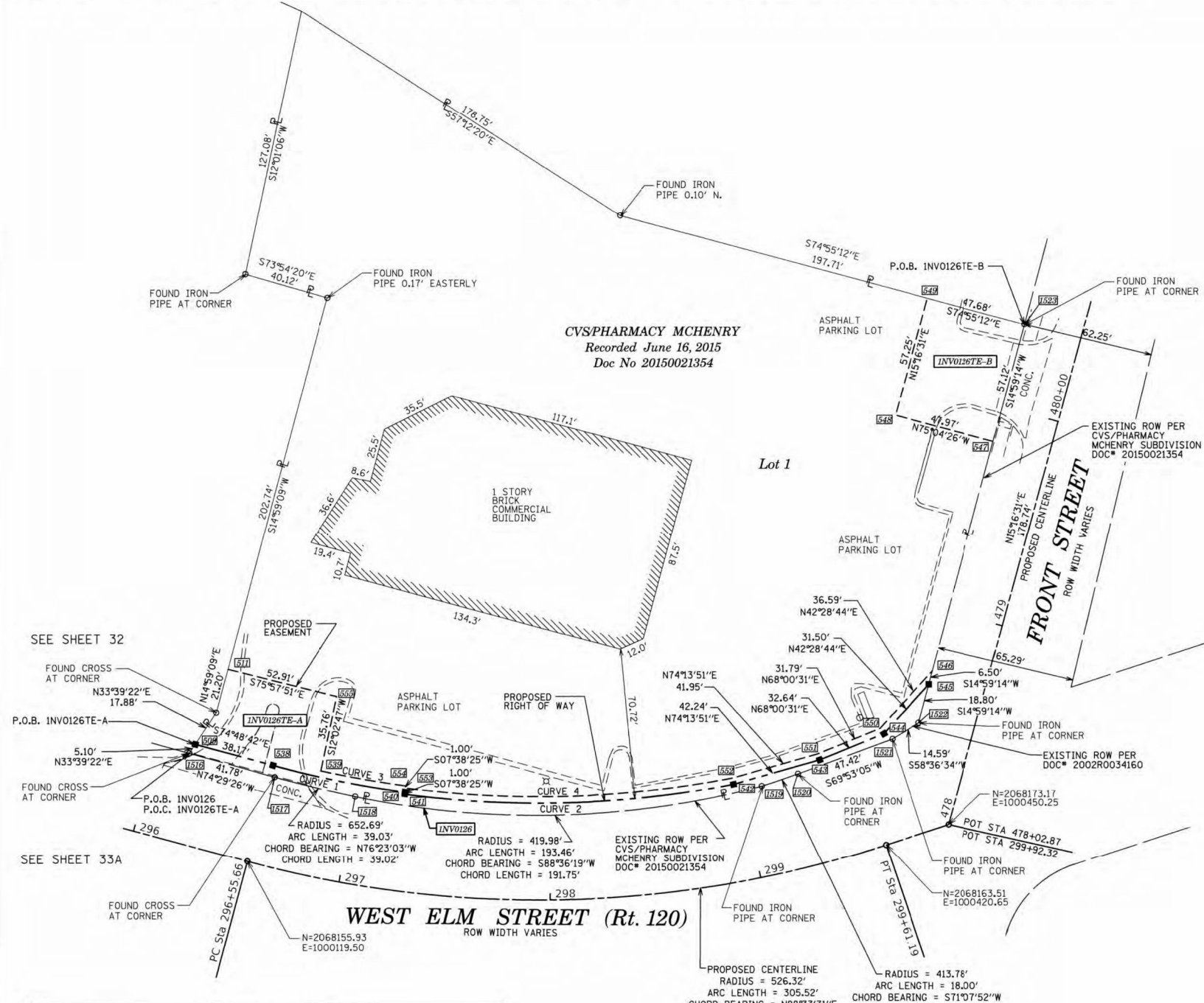
STATE OF ILLINOIS)
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PROJECT COORDINATES
IL. STATE PLANE, EAST ZONE, NAD83 (2011)

PT#	COORDINATES	STATION/OFFSET	PT#	COORDINATES	STATION/OFFSET	PT#	COORDINATES	STATION/OFFSET
6506	N = 2068211.29 E = 1000094.97	296+17.49, 47.00' LT	6506	N = 2068245.52 E = 1000442.58	299+92.32, 71.17' LT	6516	N = 2068207.05 E = 1000092.15	296+15.88, 42.16' LT
6511	N = 2068246.66 E = 1000110.37	296+23.08, 85.16' LT	6517	N = 2068354.01 E = 1000132.40	479+82.95, 27.03' LT	6517	N = 2068195.88 E = 1000132.40	296+57.83, 41.92' LT
6528	N = 2068201.29 E = 1000131.81	296+55.66, 47.00' LT	6548	N = 2068366.36 E = 1000425.27	479+82.66, 75.00' LT	6518	N = 2068186.69 E = 1000170.33	297+00.20, 41.26' LT
6529	N = 2068198.85 E = 1000154.23	296+80.29, 50.00' LT	6549	N = 2068421.59 E = 1000440.35	480+39.90, 75.00' LT	6519	N = 2068191.36 E = 1000362.03	299+09.88, 42.36' LT
6548	N = 2068188.80 E = 1000193.66	297+25.00, 47.00' LT	6550	N = 2068218.54 E = 1000417.87	299+75.61, 53.18' LT	6520	N = 2068197.18 E = 1000379.06	299+29.41, 44.03' LT
6547	N = 2068187.81 E = 1000193.53	297+25.00, 46.00' LT	6551	N = 2068206.63 E = 1000388.39	299+42.04, 50.69' LT	6521	N = 2068213.48 E = 1000423.58	299+79.47, 46.60' LT
6542	N = 2068192.31 E = 1000348.71	298+95.86, 46.00' LT	6552	N = 2068195.23 E = 1000348.01	298+95.72, 49.00' LT	6522	N = 2068221.09 E = 1000436.04	299+92.32, 49.96' LT
6543	N = 2068203.79 E = 1000389.36	299+42.21, 47.69' LT	6553	N = 2068190.79 E = 1000193.93	297+25.00, 49.00' LT	6523	N = 2068409.18 E = 1000486.39	480+40.07, 27.32' LT
6544	N = 2068216.01 E = 1000419.62	299+76.49, 50.23' LT	6554	N = 2068191.78 E = 1000194.06	297+25.00, 50.00' LT			
6545	N = 2068239.25 E = 1000440.90	299+92.32, 65.72' LT	6555	N = 2068233.83 E = 1000161.69	296+79.94, 85.76' LT			

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
1NVO126E-A 1NVO126E-B	2.174	0.042	0	2.132	A = 0.070 B = 0.063	-	09-26-351-022

REVISION DATE: 07/01/2021 REVISION MADE BY: JPS

IDOT USE ONLY

LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
SECTION: STA. 296+00 TO STA. 299+92.32 JOB NO.: R-91-013-07
SCALE: 1" = 30' SHEET 34A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: D:\default... FILE NAME: ...

USER NAME	DESIGNED	REVISION
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	DRAWN	REVISION
	CHECKED	REVISION
	DATE	REVISION

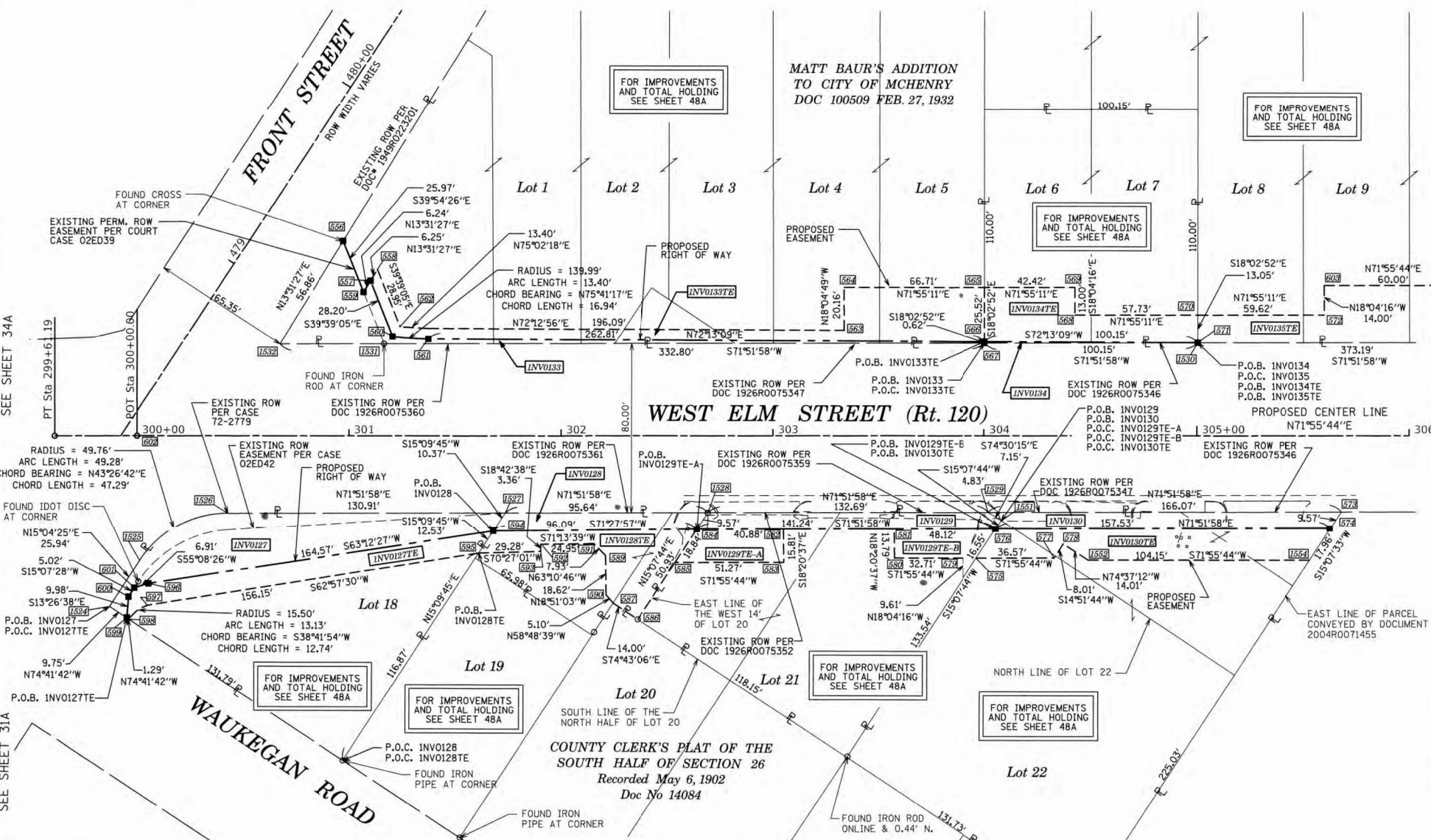
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	322
CONTRACT NO. 62U72			ILLINOIS FED. AID PROJECT	

PART OF THE SW 1/4 OF SECTION 26, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

SECTION CORNER (9 10 16 15)

QUARTER SECTION CORNER (16 15)

GRAPHIC SCALE
FEET
SCALE: 1" = 30'

- IRON PIPE OR ROD FOUND
 - ⊕ 'MAG' NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET
- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON MAY 23, 2019.

STATE OF ILLINOIS) JSS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)											
PT#	COORDINATES	STATION/OFFSET	PT#	COORDINATES	STATION/OFFSET	PT#	COORDINATES	STATION/OFFSET	PT#	COORDINATES	STATION/OFFSET
656	N = 2068293.08 E = 1000521.46	300+97.21, 91.91' LT	672	N = 2068317.58 E = 1001008.81	305+68.12, 35.98' RT	690	N = 2068193.72 E = 1000678.13	302+15.34, 51.15' RT	659	N = 2068265.89 E = 1000850.98	304+02.04, 36.16' RT
657	N = 2068279.22 E = 1000539.58	301+10.14, 73.11' LT	674	N = 2068308.34 E = 1001006.31	305+62.88, 43.98' RT	692	N = 2068185.69 E = 1000654.51	301+90.39, 51.46' RT	660	N = 2068372.54 E = 1000919.61	305+00.37, 43.95' LT
658	N = 2068285.30 E = 1000541.04	301+13.41, 78.43' LT	676	N = 2068242.79 E = 1000852.10	303+96.29, 58.00' RT	694	N = 2068182.51 E = 1000655.59	301+90.43, 54.81' RT	661	N = 2068253.10 E = 1000554.89	301+16.59, 43.52' LT
659	N = 2068273.16 E = 1000538.12	301+06.87, 67.80' LT	678	N = 2068259.31 E = 1000856.61	304+05.35, 44.15' RT	696	N = 2068184.81 E = 1000631.28	301+68.03, 45.09' RT	662	N = 2068237.79 E = 1000508.16	300+67.42, 43.47' LT
660	N = 2068257.51 E = 1000557.57	301+20.51, 46.89' LT	680	N = 2068254.68 E = 1000887.05	304+32.86, 58.00' RT	700	N = 2068172.71 E = 1000628.00	301+61.16, 55.57' RT	663	N = 2068291.03 E = 1001001.63	305+53.06, 59.00' RT
661	N = 2068261.70 E = 1000573.99	301+37.41, 45.78' LT	682	N = 2068262.42 E = 1000889.11	304+37.21, 51.28' RT	702	N = 2068110.63 E = 1000484.38	300+05.37, 70.04' RT	664	N = 2068281.03 E = 1000922.61	304+48.90, 59.00' RT
662	N = 2068263.00 E = 1000555.52	301+24.06, 51.51' LT	684	N = 2068241.39 E = 1000846.31	303+90.00, 58.00' RT	704	N = 2068101.72 E = 1000488.93	300+06.93, 79.92' RT	665	N = 2068285.65 E = 1000937.03	304+89.98, 44.06' RT
663	N = 2068326.36 E = 1000759.17	303+33.52, 49.80' LT	686	N = 2068231.24 E = 1000815.21	303+57.29, 58.00' RT	706	N = 2068091.78 E = 1000480.96	299+62.28, 86.90' RT	666	N = 2068288.56 E = 1000943.09	304+99.98, 44.06' RT
664	N = 2068345.52 E = 1000752.92	303+33.52, 69.96' LT	688	N = 2068244.34 E = 1000810.87	303+57.23, 44.21' RT	708	N = 2068092.13 E = 1000479.72	299+95.20, 86.19' RT	667	N = 2068290.03 E = 1000943.09	305+00.00, 71.00' LT
665	N = 2068366.22 E = 1000816.33	304+00.23, 69.98' LT	690	N = 2068228.08 E = 1000761.23	303+04.99, 44.26' RT	710	N = 2068101.84 E = 1000477.40	299+96.00, 76.24' RT	668	N = 2068291.03 E = 1001001.63	305+53.06, 59.00' RT
666	N = 2068341.96 E = 1000824.24	304+00.22, 44.45' LT	692	N = 2068213.07 E = 1000766.21	303+05.07, 60.08' RT	712	N = 2068106.68 E = 1000478.21	299+98.75, 72.04' RT	669	N = 2068291.03 E = 1001001.63	305+53.06, 59.00' RT
667	N = 2068341.39 E = 1000824.42	304+00.22, 43.84' LT	694	N = 2068215.36 E = 1000722.38	302+64.11, 44.31' RT	714	N = 2068175.55 E = 1000477.02	300+00.00, 0.00' RT	670	N = 2068291.03 E = 1001001.63	305+53.06, 59.00' RT
668	N = 2068367.03 E = 1000860.69	304+42.65, 56.98' LT	696	N = 2068197.16 E = 1000717.47	302+53.80, 60.08' RT	716	N = 2068094.70 E = 1000470.32	299+87.06, 80.83' RT	671	N = 2068291.03 E = 1001001.63	305+53.06, 59.00' RT
669	N = 2068379.39 E = 1000856.66	304+42.65, 69.98' LT	698	N = 2068166.19 E = 1000709.09	302+36.23, 86.92' RT	718	N = 2068119.75 E = 1000477.06	300+01.24, 59.10' RT	672	N = 2068291.03 E = 1001001.63	305+53.06, 59.00' RT
670	N = 2068384.95 E = 1000915.57	305+00.38, 56.99' LT	700	N = 2068169.88 E = 1000695.59	302+24.53, 79.23' RT	720	N = 2068154.08 E = 1000509.58	300+42.80, 36.55' RT	673	N = 2068291.03 E = 1001001.63	305+53.06, 59.00' RT
671	N = 2068372.54 E = 1000919.61	305+00.37, 43.95' LT	702	N = 2068190.14 E = 1000685.21	302+20.95, 56.75' RT	722	N = 2068194.83 E = 1000633.99	301+73.72, 36.41' RT	674	N = 2068291.03 E = 1001001.63	305+53.06, 59.00' RT
672	N = 2068403.45 E = 1000972.25	305+60.00, 57.00' LT	704	N = 2068172.52 E = 1000691.22	302+21.21, 75.36' RT	724	N = 2068224.59 E = 1000724.88	302+69.35, 36.30' RT	675	N = 2068291.03 E = 1001001.63	305+53.06, 59.00' RT

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ROUTE: IL ROUTE 31 AND IL ROUTE 120

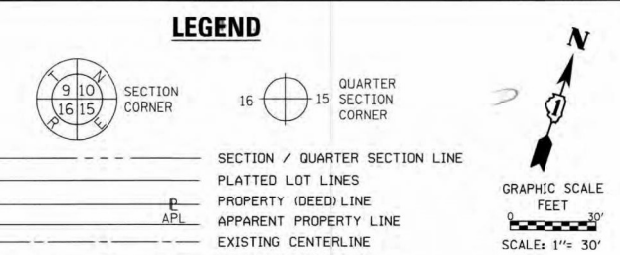
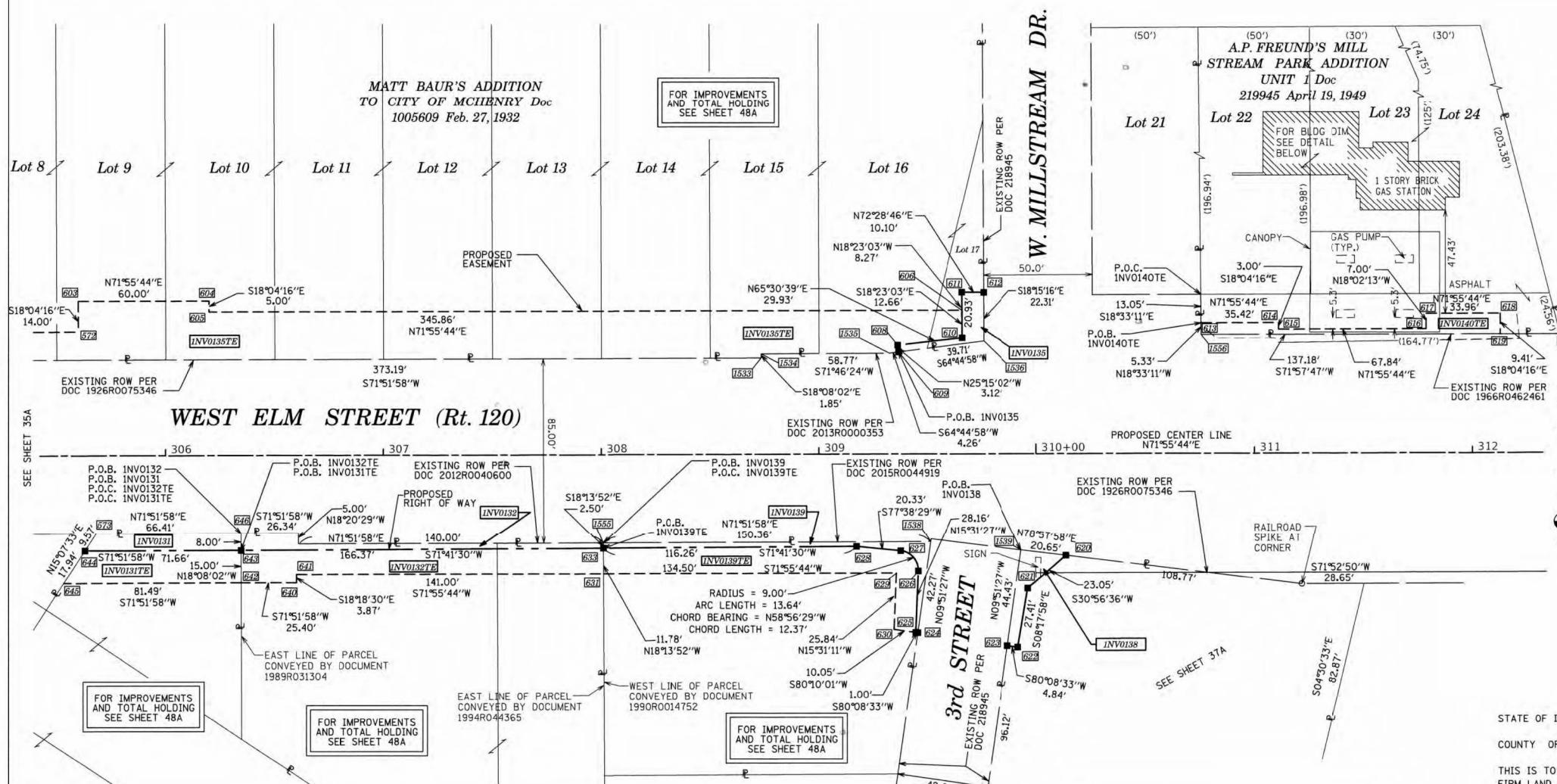
LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
SECTION: STA. 300+00 TO STA. 306+00 JOB NO.: R-91-013-07
SCALE: 1" = 30' SHEET 35A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: 06/21/2023
REVISION MADE BY: CEP

USER NAME	DESIGNED	REVISION	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROW PLANS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = BW001	DRAWN -	REVISION -			336A	FAP 336 23 RECON NORTH	McHENRY	575	323
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISION -			SCALE: SHEET OF SHEETS STA. TO STA.				
PLOT DATE = 1/17/2026	DATE = 1/9/2026	REVISION -			ILLINOIS FED. AID PROJECT				

PART OF THE SW 1/4 OF SECTION 26, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- FIELD SURVEY COMPLETED ON MAY 23, 2019.

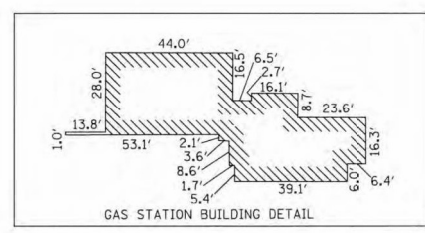
STATE OF ILLINOIS)
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
 LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PROJECT COORDINATES
 IL. STATE PLANE, EAST ZONE, NAD83 (2011)

PT#	COORDINATES	STATION/OFFSET	PT#	COORDINATES	STATION/OFFSET	PT#	COORDINATES	STATION/OFFSET	PT#	COORDINATES	STATION/OFFSET
572	N = 2068403.45 E = 1000972.25	305+60.00, 57.00 LT	628	N = 2068612.63 E = 1001590.78	312+12.91, 64.00' RT	649	N = 2068324.30 E = 1001103.21	306+59.95, 58.87' RT	755B	N = 2068385.27 E = 1001231.58	308+00.90, 40.72' RT
573	N = 2068317.58 E = 1001008.81	305+68.12, 35.98' RT	629	N = 2068603.69 E = 1001593.70	312+12.91, 54.59' LT	650	N = 2068327.86 E = 1001102.03	306+59.94, 55.00' RT	756B	N = 2068561.22 E = 1001463.26	310+75.73, 54.67' LT
603	N = 2068416.76 E = 1000967.91	305+60.00, 71.00 LT	630	N = 2068445.31 E = 1001435.75	310+13.63, 46.98' RT	651	N = 2068316.39 E = 1001073.08	306+34.55, 58.90' RT			
604	N = 2068435.37 E = 1001024.95	306+20.00, 71.00 LT	631	N = 2068425.54 E = 1001423.90	309+96.22, 62.10' RT	652	N = 2068330.64 E = 1001074.41	306+34.54, 43.91' RT			
605	N = 2068430.62 E = 1001026.50	306+20.00, 66.00 LT	632	N = 2068398.42 E = 1001427.85	309+91.57, 89.11' RT	653	N = 2068308.34 E = 1001006.31	305+62.88, 43.98' RT			
606	N = 2068537.90 E = 1001355.30	309+65.86, 66.00 LT	633	N = 2068397.59 E = 1001423.09	309+86.79, 88.42' RT	654	N = 2068291.03 E = 1001001.63	305+53.06, 58.99' RT			
607	N = 2068513.48 E = 1001332.06	309+36.19, 50.00' LT	634	N = 2068390.43 E = 1001381.71	309+45.22, 82.39' RT	655	N = 2068338.25 E = 1001071.92	306+34.53, 35.90' RT			
608	N = 2068510.66 E = 1001333.39	309+36.58, 46.90' LT	635	N = 2068390.26 E = 1001380.72	309+44.23, 82.25' RT	656	N = 2068488.69 E = 1001274.27	308+73.56, 44.35' LT			
609	N = 2068525.89 E = 1001359.29	309+65.93, 53.34' LT	636	N = 2068417.39 E = 1001373.19	309+45.48, 54.12' RT	657	N = 2068490.45 E = 1001273.69	308+73.56, 46.20' LT			
610	N = 2068545.75 E = 1001352.69	309+65.82, 74.27' LT	637	N = 2068423.77 E = 1001362.59	309+37.39, 44.76' RT	658	N = 2068508.84 E = 1001329.54	309+32.33, 46.36' LT			
611	N = 2068548.79 E = 1001362.32	309+75.91, 74.18' LT	638	N = 2068419.42 E = 1001342.73	309+17.16, 42.74' RT	659	N = 2068527.60 E = 1001369.31	309+75.98, 51.86' LT			
612	N = 2068566.26 E = 1001461.57	310+75.69, 60.00' LT	639	N = 2068413.07 E = 1001362.82	309+35.44, 55.00' RT	660	N = 2068612.19 E = 1001619.79	312+40.35, 54.58' RT			
613	N = 2068577.25 E = 1001495.24	311+11.11, 60.00' LT	640	N = 2068388.54 E = 1001370.82	309+34.29, 80.81' RT	661	N = 2068432.07 E = 1001374.47	309+51.26, 40.56' LT			
614	N = 2068574.40 E = 1001496.17	311+11.11, 57.00' LT	641	N = 2068371.70 E = 1001495.05	308+00.94, 55.00' RT	662	N = 2068441.36 E = 1001415.48	309+93.13, 44.45' RT			
615	N = 2068595.44 E = 1001560.66	311+78.95, 57.00' LT	642	N = 2068382.90 E = 1001232.36	308+00.90, 43.22' RT						
616	N = 2068602.10 E = 1001558.50	311+78.95, 64.00' LT									

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
INV0131 INV0131TE	1.236	0.013	0	1.223	0.026	-	09-26-379-035 09-26-379-014
INV0132 INV0132TE	0.554	0.013	0	0.541	0.046	-	09-26-379-037 09-26-379-038
INV0135 INV0135TE	3.131	0.007	0	3.124	0.220	-	09-26-377-009 09-26-377-020 09-26-377-021 09-26-377-023 09-26-377-024 09-26-377-028
INV0138 INV0138TE	1.413	A = 0.008 B = 0.367 SF	0	1.405	0.044	-	09-26-380-001 09-26-380-015
INV0139 INV0139TE	0.349	0.012	0	0.337	0.045	-	09-26-379-039
INV0140TE	0.906	0	0	0.906	0.015	-	09-26-376-024 09-26-376-020 09-26-376-021

REVISION DATE: 05/23/2023 REVISION MADE BY: CEP

USER NAME = BW001	DESIGNED -	REVISED -	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -	336A	FAP 336 23 RECON NORTH	McHENRY	575	324
PLOT DATE = 1/17/2026	CHECKED -	REVISED -	SCALE: 1" = 30'		CONTRACT NO.	62U72	
DATE = 1/9/2026	REVISOR -	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROW PLANS

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ROUTE: IL ROUTE 31 AND IL ROUTE 120

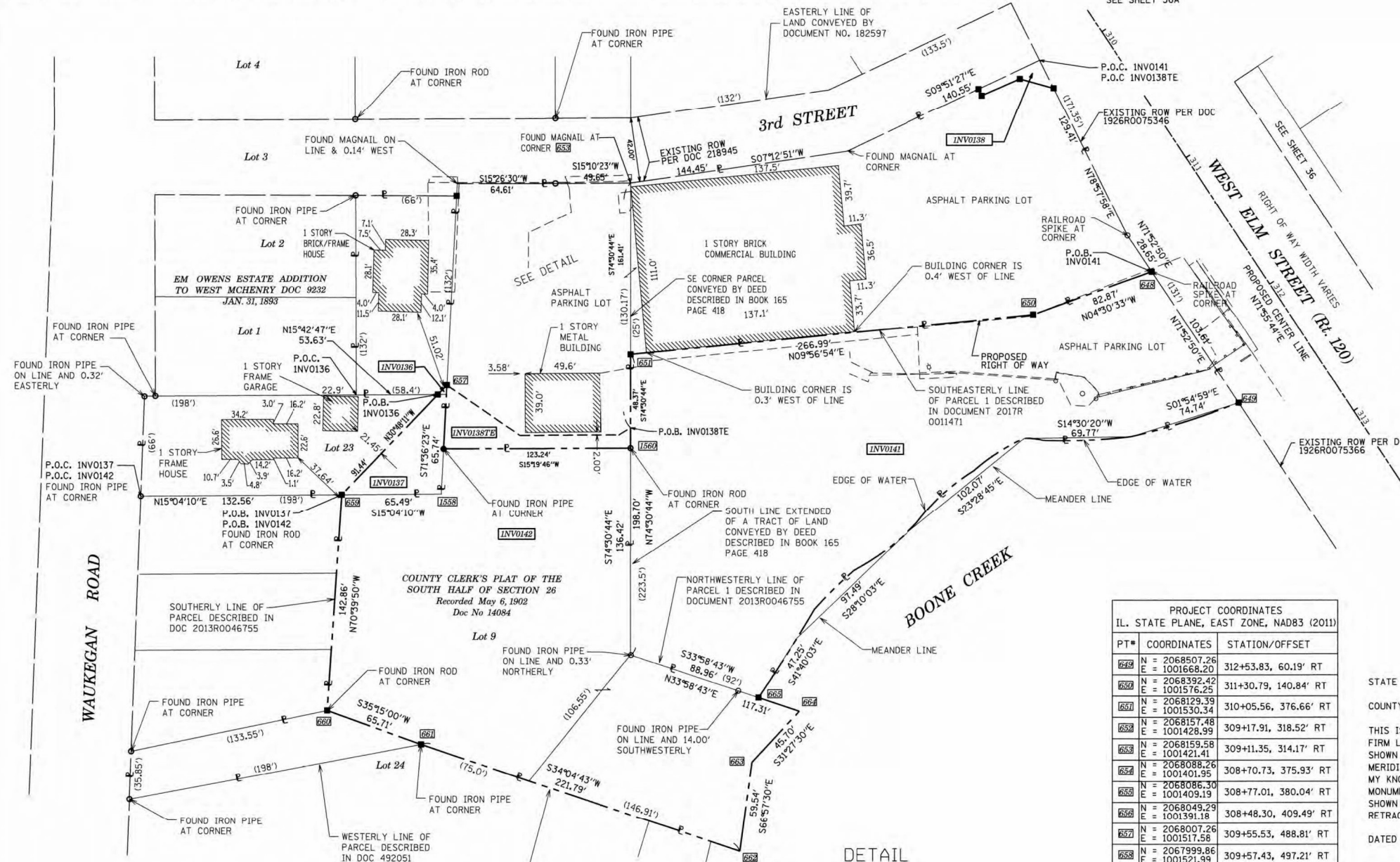
LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
 SECTION: STA. 305+50 TO STA. 312+30 JOB NO.: R-91-013-07
 SCALE: 1" = 30' SHEET 36A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

Engineering Enterprises, Inc.
 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eeiweb.com



PART OF THE SW 1/4 OF SECTION 26, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

- SECTION / QUARTER SECTION LINE
 - PLATTED LOT LINES
 - PROPERTY (DEED) LINE
 - APPARENT PROPERTY LINE
 - EXISTING CENTERLINE
 - PROPOSED CENTERLINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED RIGHT OF WAY LINE
 - EXISTING EASEMENT
 - PROPOSED EASEMENT
 - EXISTING ACCESS CONTROL LINE
 - PROPOSED ACCESS CONTROL LINE
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORDED DIMENSION
 - EXISTING BUILDING
- IRON PIPE OR ROD FOUND
 - CUT CROSS FOUND OR SET
 - STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:**
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
 5. FIELD SURVEY COMPLETED ON MAY 23, 2019.

STATE OF ILLINOIS)
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

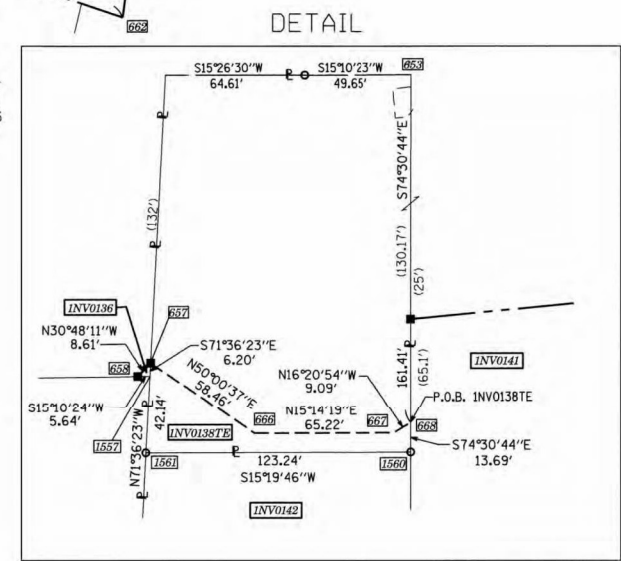
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
 LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



Engineering Enterprises, Inc.
 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eeiweb.com

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
INV0136	0.190	17 SF	0	0.190	0	-	09-26-380-004
INV0137	0.300	0.054	0	0.246	0	-	09-26-380-009
INV0138 INV0138TE	1.413	0.008 (367 SF)	0	1.405	0.044	-	09-26-380-001 09-26-380-015
INV0141	1.254	1.254	0	0	0	-	09-26-380-002
INV0142	1.210	1.089	0	0.121	0	-	09-26-380-005 09-26-380-016



PROJECT COORDINATES
 IL. STATE PLANE, EAST ZONE, NAD83 (2011)

PT#	COORDINATES	STATION/OFFSET
649	N = 2068507.26 E = 1001668.20	312+53.83, 60.19' RT
650	N = 2068392.42 E = 1001576.25	311+30.79, 140.84' RT
651	N = 2068129.39 E = 1001530.34	310+05.56, 376.66' RT
652	N = 2068157.48 E = 1001428.99	309+17.91, 318.52' RT
653	N = 2068159.58 E = 1001421.41	309+11.35, 314.17' RT
654	N = 2068088.26 E = 1001401.95	308+70.73, 375.93' RT
655	N = 2068086.30 E = 1001409.19	308+77.01, 380.04' RT
656	N = 2068049.29 E = 1001391.18	308+48.30, 409.49' RT
657	N = 2068007.26 E = 1001517.99	309+55.53, 488.81' RT
658	N = 2067999.86 E = 1001521.99	309+57.43, 497.21' RT
659	N = 2067921.32 E = 1001568.81	309+77.58, 586.40' RT
660	N = 2067874.02 E = 1001703.61	310+91.06, 673.18' RT
661	N = 2067927.68 E = 1001741.53	311+43.76, 633.93' RT
662	N = 2068111.38 E = 1001865.81	313+18.89, 497.84' RT
663	N = 2068134.68 E = 1001811.02	312+74.03, 458.69' RT
664	N = 2068173.67 E = 1001787.17	312+63.45, 414.23' RT
665	N = 2068150.16 E = 1001771.33	312+41.10, 431.67' RT
666	N = 2068046.06 E = 1001557.84	310+05.84, 464.41' RT
667	N = 2068106.96 E = 1001579.74	310+45.56, 413.30' RT
668	N = 2068116.48 E = 1001576.95	310+45.86, 403.39' RT
669	N = 2068005.30 E = 1001523.46	309+60.52, 492.49' RT
670	N = 2067984.56 E = 1001585.84	310+13.39, 531.56' RT
671	N = 2068049.29 E = 1001391.18	308+48.41, 409.64' RT
672	N = 2068112.92 E = 1001590.15	310+57.27, 410.96' RT
673	N = 2067993.96 E = 1001557.56	309+89.42, 513.85' RT

REVISION DATE: 05/25/2023 REVISION MADE BY: CEP

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ROUTE: IL ROUTE 31 AND IL ROUTE 120

LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
 SECTION: STA. 310+00 TO STA. 314+00 JOB NO.: R-91-013-07
 SCALE: 1" = 40' SHEET 37A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

USER NAME	DESIGNED	REVISED
= BW001	-	-
DRAWN	-	-
CHECKED	-	-
DATE	1/9/2026	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

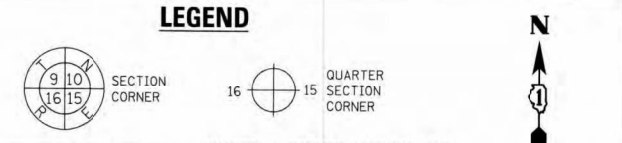
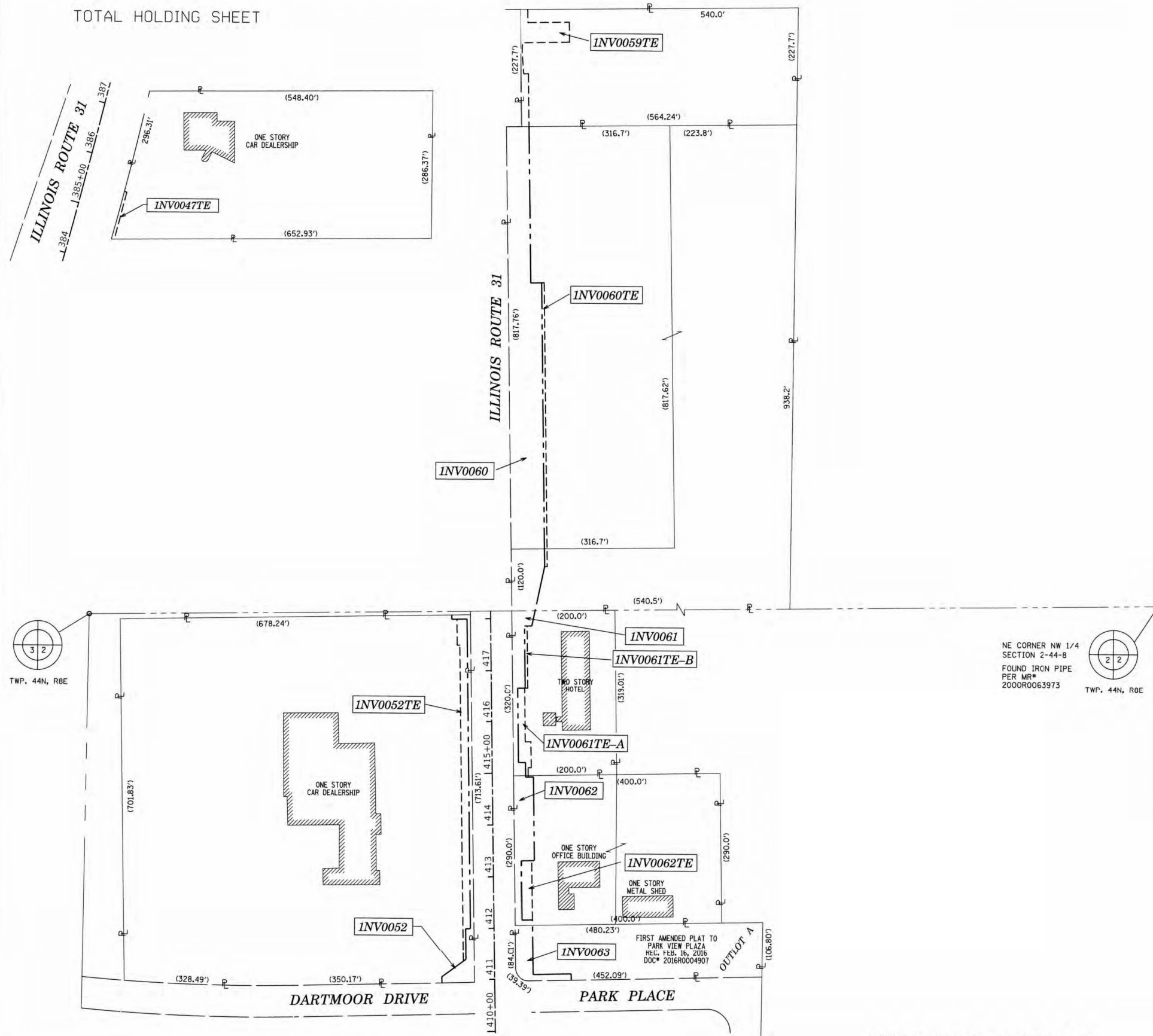
ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	325
				CONTRACT NO. 62U72
		ILLINOIS	FED. AID PROJECT	

PART OF SECTION 2, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.

TOTAL HOLDING SHEET



- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- LI RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED IN MAY, 2020.

STATE OF ILLINOIS) JSS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 2, TOWNSHIP 44 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025.

Mark G. Scheller
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/26



THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ROUTE: IL ROUTE 31

LIMITS: IL 176 TO IL 120 COUNTY: MCHENRY
SECTION: 336A TO STA. 385+00 JOB NO.: R-31-013-07
SCALE: 1" = 30' SHEET 42A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: 07/01/2021 REVISION MADE BY: JPS

USER NAME = BW001	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/17/2026	CHECKED -	REVISED -
	DATE = 1/9/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

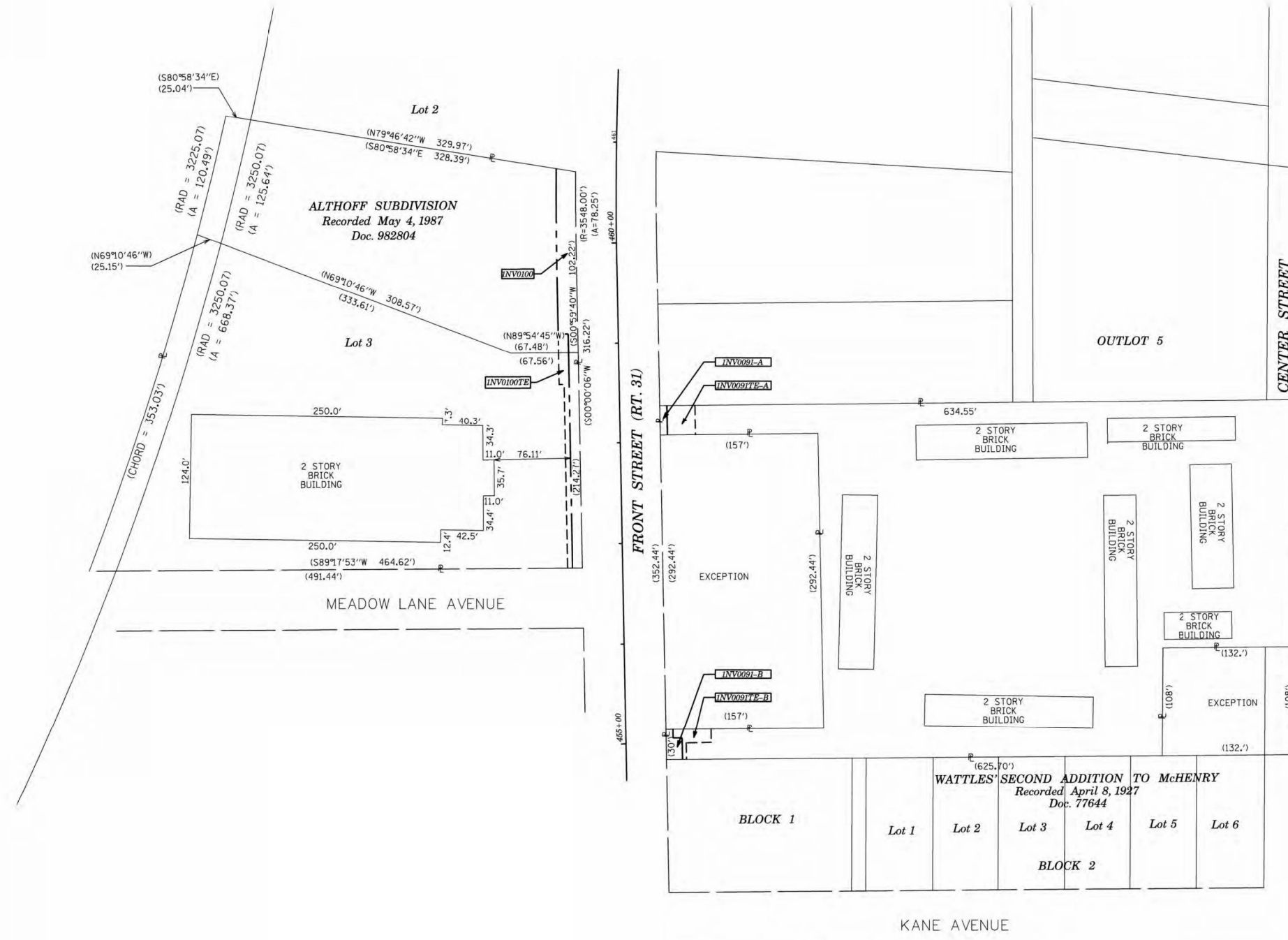
ROW PLANS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	MCHENRY	575	326
			CONTRACT NO.	62U72
ILLINOIS FED. AID PROJECT				

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PART OF THE NW 1/4 OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

TOTAL HOLDING SHEET



LEGEND

Legend symbols for section/quarter section lines, lot lines, property lines, centerlines, easements, and buildings. Includes graphic scale (1 inch = 60 feet) and north arrow.

- Survey symbols: Iron pipe or rod found, cut cross found or set, mag nail set, 5/8 inch rebar set, staking of proposed right of way, permanent survey marker, etc.

SURVEY NOTES: 1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) 'GRID'.

STATE OF ILLINOIS))SS
COUNTY OF KANE

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



EEI Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ROUTE: IL ROUTE 31 AND IL ROUTE 120
LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
SECTION: JOB NO.: R-91-013-07
STA. TO STA.
SCALE: 1" = 60' SHEET 44A OF 52A SHEETS
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

REVISION DATE: 07/01/2021 REVISION MADE BY: JPS

MODEL: Default
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USER NAME = BW001	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/17/2026	DATE - 1/9/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	328

CONTRACT NO. 62U72
ILLINOIS FED. AID PROJECT

PART OF THE NW 1/4 OF SECTION 35, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

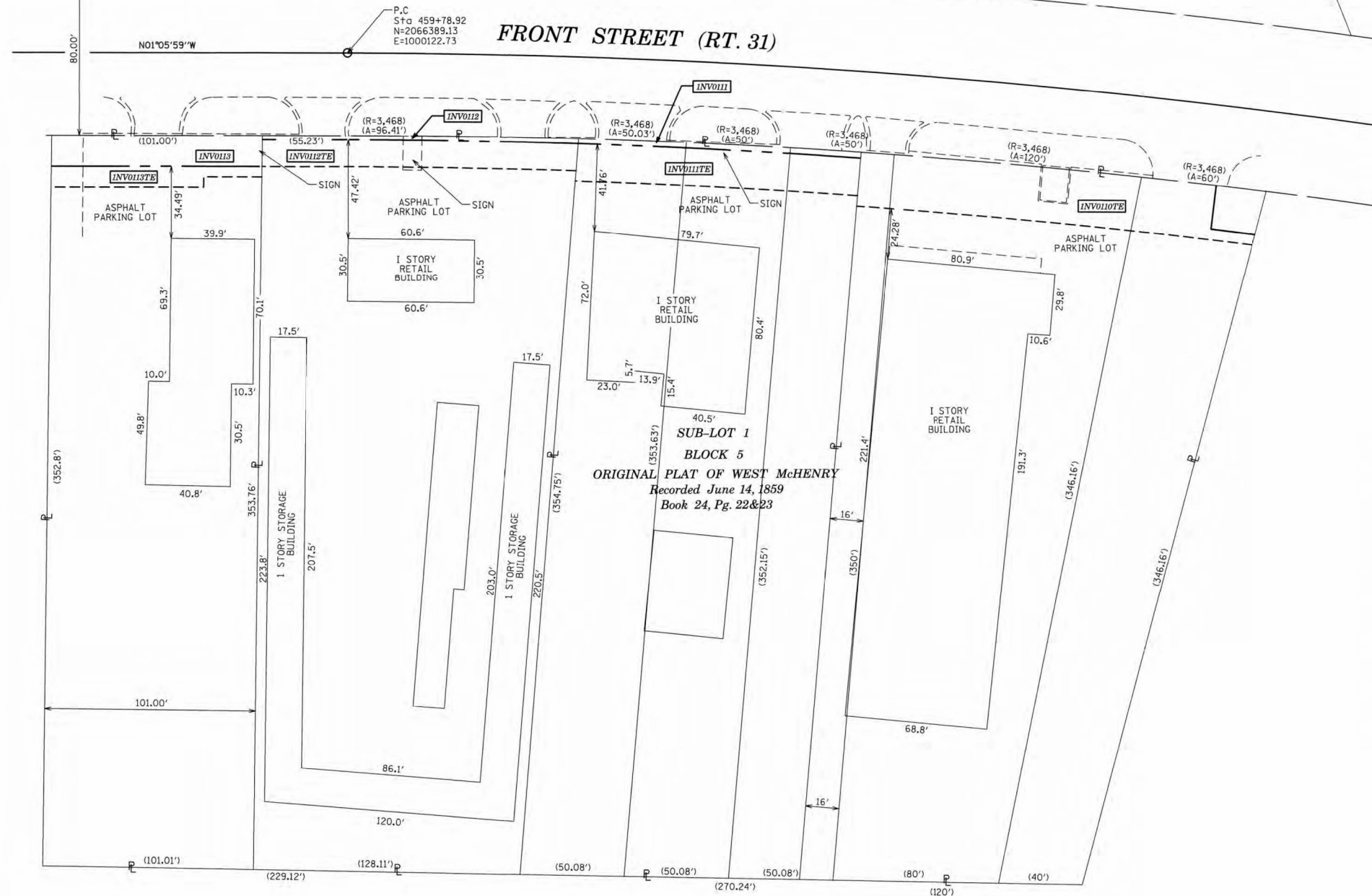
ALTHOFF SUBDIVISION
Recorded May 4, 1987
Doc. 982804

TOTAL HOLDING SHEET

Lot 3

Lot 2

Lot 1



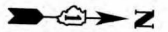
LEGEND



SECTION CORNER



QUARTER SECTION CORNER



GRAPHIC SCALE
0 10 20
FEET
SCALE: 1" = 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (CCMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- [Hatched Box] EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- ⊕ 'MAG' NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999971621.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON MAY 23, 2019.

STATE OF ILLINOIS) ISS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

[Signature]
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ROUTE: IL ROUTE 31 AND IL ROUTE 120

LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
SECTION: STA. TO STA. JOB NO.: R-91-013-07
SCALE: 1" = 30' SHEET 46A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

REVISION DATE: 07/01/2021 REVISION MADE BY: JPS

USER NAME = BW001	DESIGNED -	REVISED -
DRAWN -	REVISOR -	REVISION -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 1/17/2026	DATE = 1/9/2026	REVISION -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	330
CONTRACT NO.			62U72	
ILLINOIS		FED. AID PROJECT		

MODEL: D:\default... FILE NAME: ... CADD\SHETS\CS-SHT-ROW-27.dwg

PART OF THE SW 1/4 OF SECTION 26, TWP. 45 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

TOTAL HOLDING SHEET

LEGEND



GRAPHIC SCALE
FEET
0 50
SCALE: 1" = 50'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- ⊕ 'MAG' NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999971621.
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
 5. FIELD SURVEY COMPLETED ON MAY 23, 2019.

STATE OF ILLINOIS)

SSS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
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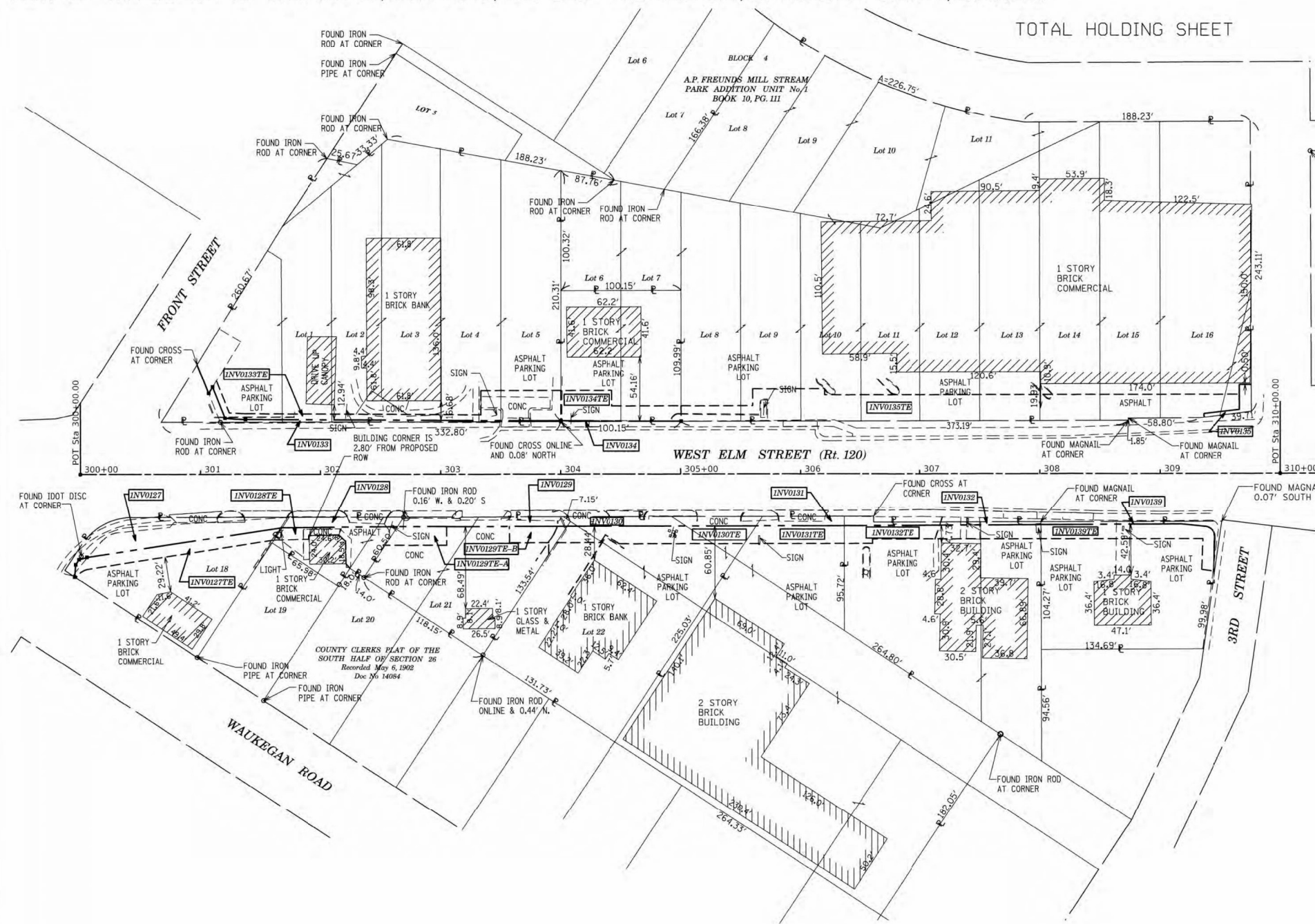
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ROUTE: IL ROUTE 31 AND IL ROUTE 120

LIMITS: IL 176 TO IL 120 COUNTY: McHENRY
SECTION: JOB NO.: R-91-013-07
STA. TO STA.
SCALE: 1" = 50' SHEET 48A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

REVISION DATE: 06/21/2023 REVISION MADE BY: CEP



MODEL: Default
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USER NAME = BW001	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/17/2026	DATE - 1/9/2026	REVISED -

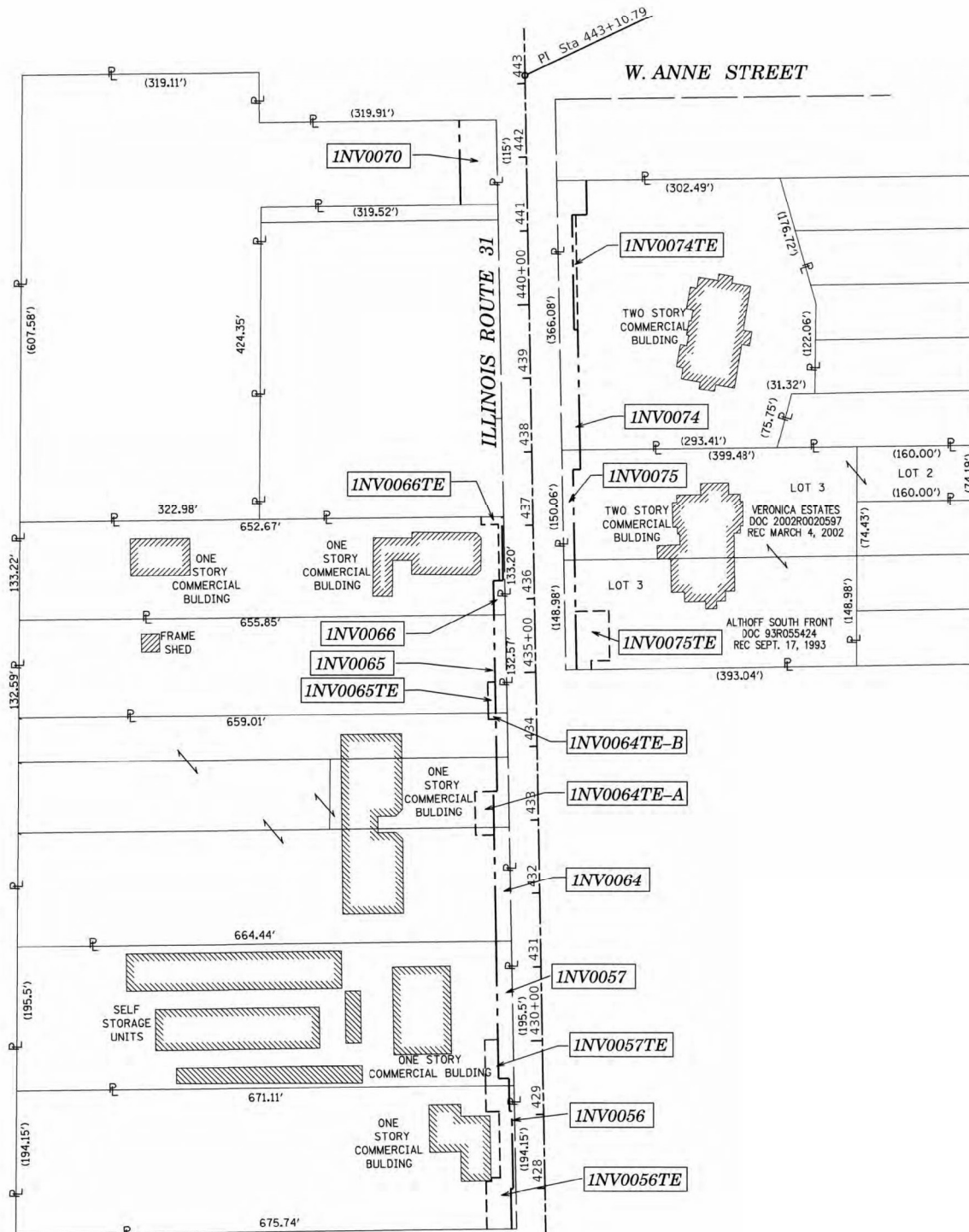
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	332
				CONTRACT NO. 62U72
		ILLINOIS	FED. AID PROJECT	

TOTAL HOLDING SHEET



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
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- CUT CROSS FOUND OR SET
- 'MAG' NAIL SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999943109.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED IN MAY, 2020.

STATE OF ILLINOIS))SS
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 2, TOWNSHIP 44 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SUGAR GROVE, ILLINOIS THIS 3RD DAY OF SEPTEMBER 2025.

[Signature]
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
 LICENSE EXPIRATION DATE: 11/30/26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



Engineering Enterprises, Inc.
 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eeiweb.com

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ROUTE: IL ROUTE 31

LIMITS: IL 176 TO IL 120 COUNTY: MCHENRY
 SECTION: JOB NO.: R-91-013-07
 STA. TO STA.
 SCALE: 1" = 30' SHEET 49A OF 52A SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

REVISION DATE: 07/28/2021 REVISION MADE BY: CEP

USER NAME = BW001	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/17/2026	DATE - 1/9/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	MCHENRY	575	333
CONTRACT NO.			62U72	
ILLINOIS FED. AID PROJECT				

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SHEET 3

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
1	N = 2051669.68 E = 996771.49	305+39.78, 91.78' LT
2	N = 2051669.79 E = 996788.83	305+44.04, 75.00' LT
3	N = 2051920.32 E = 996860.22	308+00.00, 75.00' LT
4	N = 2051918.80 E = 996864.99	308+00.00, 70.00' LT
5	N = 2051670.34 E = 996875.15	305+65.74, 8.52' RT
6	N = 2051870.54 E = 996928.43	307+73.22, 5.01' RT
7	N = 2052070.81 E = 996933.63	309+84.04, 2.44' RT
8	N = 2051811.08 E = 997012.45	310+15.66, 85.00' RT
9	N = 2051670.85 E = 996954.31	305+86.41, 85.00' RT

SHEET 4

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
11	N = 2052495.70 E = 997174.25	314+46.09, 0.00' LT
12	N = 2052205.88 E = 996967.82	311+00.00, 70.00' LT
13	N = 2052204.03 E = 996972.47	311+00.00, 65.00' LT
14	N = 2052408.14 E = 997060.18	313+18.79, 65.00' LT
15	N = 2052408.91 E = 997039.23	313+10.88, 84.35' LT
16	N = 2052442.89 E = 997040.49	313+41.57, 97.49' LT
17	N = 2052441.58 E = 997075.77	313+55.13, 65.00' LT
18	N = 2052524.70 E = 997116.08	314+46.09, 65.00' LT
19	N = 2052612.52 E = 997159.85	315+44.21, 65.00' LT
20	N = 2052630.38 E = 997168.75	315+64.17, 65.00' LT
21	N = 2052639.30 E = 997150.86	315+64.17, 84.98' LT
22	N = 2052682.70 E = 997172.50	316+12.67, 84.98' LT
23	N = 2052673.79 E = 997190.38	316+12.67, 65.00' LT
24	N = 2052728.99 E = 997217.90	316+74.35, 65.00' LT
25	N = 2052766.82 E = 997192.85	316+97.04, 104.29' LT
26	N = 2052798.27 E = 997208.52	317+32.17, 104.29' LT
27	N = 2052798.64 E = 997252.61	317+52.18, 65.00' LT
28	N = 2052799.27 E = 997326.03	317+85.48, 0.44' RT
29	N = 2052613.14 E = 997233.24	315+77.51, 0.41' RT
30	N = 2052490.78 E = 997172.24	314+40.78, 0.39' RT
31	N = 2052373.06 E = 997209.30	313+50.00, 85.00' RT
32	N = 2052370.93 E = 997213.82	313+50.00, 89.99' RT
33	N = 2052455.56 E = 997254.79	314+46.09, 89.99' RT
34	N = 2052772.31 E = 997412.66	318+00.00, 90.00' RT
35	N = 2052767.85 E = 997421.61	318+00.00, 99.99' RT

SHEET 5

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
36	N = 2053425.67 E = 997565.14	324+52.77, 64.98' LT
37	N = 2052902.10 E = 997488.52	319+50.00, 99.99' RT
38	N = 2052899.87 E = 997493.00	319+50.00, 104.99' RT
39	N = 2052992.57 E = 997539.20	320+53.57, 104.99' RT
40	N = 2053248.33 E = 997666.68	323+39.34, 105.00' RT
41	N = 2053257.87 E = 997671.42	323+49.99, 105.00' RT
42	N = 2053269.60 E = 997710.28	323+77.83, 134.53' RT
43	N = 2053258.68 E = 997712.15	323+77.83, 159.02' RT
44	N = 2053254.50 E = 997740.57	323+77.83, 168.38' RT
45	N = 2053258.97 E = 997742.80	323+82.83, 168.39' RT

SHEET 6

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
46	N = 2053492.56 E = 998120.34	335+65.79, 0.63' RT
47	N = 2054317.77 E = 998138.93	335+07.15, 50.63' RT
48	N = 2054318.22 E = 998177.56	335+24.78, 85.00' RT
49	N = 2054393.66 E = 998215.16	336+09.07, 85.00' RT
50	N = 2053987.97 E = 997834.09	330+76.11, 74.98' LT
51	N = 2053985.80 E = 997838.70	330+76.11, 69.99' LT
52	N = 2054038.50 E = 997899.15	331+50.24, 39.41' LT
53	N = 2054075.86 E = 997883.59	331+76.74, 69.99' LT
54	N = 2054973.51 E = 998608.20	331+84.97, 69.99' LT
55	N = 2054944.69 E = 998593.94	331+54.28, 118.44' LT
56	N = 2054088.69 E = 997830.54	331+64.55, 123.20' LT
57	N = 2054148.78 E = 997838.38	332+21.84, 142.98' LT
58	N = 2054153.28 E = 997838.41	332+25.88, 144.96' LT
59	N = 2054152.65 E = 997927.45	332+65.04, 64.99' LT
60	N = 2054183.00 E = 997922.48	332+89.98, 82.98' LT

SHEET 6

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
61	N = 2053546.33 E = 997698.47	326+20.23, 0.53' RT
62	N = 2053753.33 E = 997652.47	328+51.53, 0.56' RT
63	N = 2053545.61 E = 997624.90	325+86.77, 64.99' LT
64	N = 2053551.78 E = 997627.98	325+93.67, 64.99' LT
65	N = 2053567.39 E = 997596.66	325+93.67, 99.98' LT
66	N = 2053609.39 E = 997617.60	326+40.60, 99.98' LT
67	N = 2053605.38 E = 997654.69	326+53.56, 64.99' LT
68	N = 2053752.89 E = 997756.76	328+31.10, 39.44' LT
69	N = 2053752.74 E = 997741.54	328+24.18, 53.00' LT
70	N = 2053752.61 E = 997728.07	328+18.06, 64.99' LT
71	N = 2053762.18 E = 997732.76	328+28.70, 64.99' LT
72	N = 2053759.91 E = 997737.23	328+28.70, 60.00' LT
73	N = 2053817.90 E = 997771.78	328+95.99, 55.00' LT
74	N = 2053820.13 E = 997767.30	328+95.99, 60.00' LT
75	N = 2053880.55 E = 997803.00	329+65.99, 55.00' LT
76	N = 2053886.25 E = 997808.08	329+73.36, 53.00' LT
77	N = 2053899.39 E = 997930.07	329+77.08, 74.98' LT
78	N = 2053948.69 E = 997820.21	330+34.65, 69.99' LT
79	N = 2053950.12 E = 997815.35	330+33.77, 74.98' LT
80	N = 2053939.89 E = 997849.99	330+40.06, 39.42' LT
81	N = 2053347.97 E = 997788.41	324+82.82, 169.51' RT
82	N = 2053424.17 E = 997754.31	325+35.81, 105.00' RT
83	N = 2053481.62 E = 997782.94	326+00.00, 105.00' RT
84	N = 2053483.85 E = 997778.47	326+00.00, 100.00' RT
85	N = 2053483.54 E = 997773.23	324+82.83, 85.51' RT
86	N = 2053432.38 E = 997697.53	325+17.83, 50.52' RT
87	N = 2053709.84 E = 997885.58	328+50.00, 95.00' RT
88	N = 2053707.60 E = 997889.98	328+50.00, 100.00' RT
89	N = 2053714.29 E = 997876.56	328+50.00, 85.00' RT

SHEET 7

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
90	N = 2053948.69 E = 997820.21	330+34.65, 69.99' LT
91	N = 2053950.12 E = 997815.35	330+33.77, 74.98' LT
92	N = 2053939.89 E = 997849.99	330+40.06, 39.42' LT
93	N = 2054150.64 E = 997999.75	332+95.48, 0.61' RT
94	N = 2054317.12 E = 998082.74	334+81.50, 0.63' RT
95	N = 2054392.56 E = 998120.34	335+65.79, 0.63' RT
96	N = 2054317.77 E = 998138.93	335+07.15, 50.63' RT
97	N = 2054318.22 E = 998177.56	335+24.78, 85.00' RT
98	N = 2054393.66 E = 998215.16	336+09.07, 85.00' RT
99	N = 2053987.97 E = 997834.09	330+76.11, 74.98' LT
100	N = 2053985.80 E = 997838.70	330+76.11, 69.99' LT
101	N = 2054038.50 E = 997899.15	331+50.24, 39.41' LT
102	N = 2054075.86 E = 997883.59	331+76.74, 69.99' LT
103	N = 2054973.51 E = 998608.20	331+84.97, 69.99' LT
104	N = 2054944.69 E = 998593.94	331+54.28, 118.44' LT
105	N = 2054088.69 E = 997830.54	331+64.55, 123.20' LT
106	N = 2054148.78 E = 997838.38	332+21.84, 142.98' LT
107	N = 2054153.28 E = 997838.41	332+25.88, 144.96' LT
108	N = 2054152.65 E = 997927.45	332+65.04, 64.99' LT
109	N = 2054183.00 E = 997922.48	332+89.98, 82.98' LT

SHEET 8

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
110	N = 2054524.59 E = 998130.19	336+88.35, 49.45' LT
111	N = 2054809.04 E = 998272.09	340+06.23, 49.33' LT
112	N = 2054928.13 E = 998332.00	341+40.44, 49.28' LT
113	N = 2055002.84 E = 998296.24	341+90.46, 114.17' LT
114	N = 2055013.20 E = 998261.99	341+84.45, 149.44' LT
115	N = 2054998.99 E = 998271.65	341+76.05, 134.46' LT
116	N = 2054952.12 E = 998303.56	341+48.33, 84.99' LT
117	N = 2054947.38 E = 998306.78	341+45.53, 79.99' LT
118	N = 2054861.89 E = 998264.17	340+50.00, 79.99' LT
119	N = 2054864.12 E = 998259.70	340+50.00, 84.99' LT
120	N = 2054808.66 E = 998237.64	339+90.52, 79.99' LT
121	N = 2054858.92 E = 998139.30	337+50.00, 69.99' LT
122	N = 2054594.00 E = 998130.66	337+50.68, 79.99' LT
123	N = 2054589.28 E = 998066.87	337+18.01, 134.98' LT
124	N = 2054562.77 E = 998053.65	336+88.38, 134.98' LT
125	N = 2054533.76 E = 998111.81	336+88.36, 69.99' LT
126	N = 2055036.97 E = 998209.88	341+15.73, 395.62' LT
127	N = 2055082.19 E = 998002.91	341+30.63, 412.09' LT
128	N = 2055072.19 E = 998002.90	341+21.67, 407.65' LT
129	N = 2055066.82 E = 997954.85	340+95.43, 448.26' LT
130	N = 2055080.38 E = 998631.05	341+06.51, 456.42' LT
131	N = 2055065.66 E = 997952.47	340+94.23, 450.31' LT
132	N = 2055036.63 E = 997955.81	340+68.84, 433.93' LT
133	N = 2055151.00 E = 998043.72	342+10.41, 406.26' LT
134	N = 2055168.10 E = 998043.87	342+25.79, 413.75' LT
135	N = 2055167.00 E = 998031.28	342+45.96, 370.83' LT
136	N = 2055148.95 E = 998089.55	342+27.26, 363.40' LT
137	N = 2054857.62 E = 998280.62	342+68.32, 170.43' LT
138	N = 2055090.25 E = 998377.99	343+05.16, 79.99' LT
139	N = 2055067.77 E = 998345.32	342+70.46, 99.20' LT
140	N = 2055090.20 E = 998412.35	343+20.44, 49.21' LT
141	N = 2054878.72 E = 998451.33	341+48.55, 80.00' RT
142	N = 2054881.80 E = 998441.69	341+47.00, 70.00' RT
143	N = 2054899.23 E = 998417.52	341+51.83, 40.60' RT
144	N = 2054702.34 E = 998319.40	339+31.84, 40.61' RT
145	N = 2054689.24 E = 998345.71	339+31.85, 70.00' RT
146	N = 2054684.78 E = 998354.67	339+31.86, 80.00' RT
147	N = 2054682.55 E = 998359.14	339+31.86, 85.00' RT

SHEET 9

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
148	N = 2055080.38 E = 997952.47	14+67.35 31.31' RT
149	N = 2055065.66 E = 997952.47	14+66.31 45.00' RT
150	N = 2055059.36 E = 997891.10	14+00.25 45.00' RT
151	N = 2055072.64 E = 997889.00	14+00.37 31.56' RT
152	N = 2055038.84 E = 99764.65	12+65.17 32.02' RT
153	N = 2054981.43 E = 99765.32	12+42.93 85.70' RT
154	N = 2054973.49 E = 997710.98	11+83.65 70.11' RT
155	N = 2055012.48 E = 997704.18	11+96.00 32.22' RT
156	N = 2054977.24 E = 997708.22	11+82.83 65.52' RT
157	N = 2055004.33 E = 997688.27	11+77.26 32.28' RT
158	N = 2055088.14 E = 997672.75	12+00.86 49.56' LT
159	N = 2055103.76 E = 997671.44	12+02.70 65.93' LT
160	N = 2055063.48 E = 997668.11	11+86.55 29.52' LT
161	N = 2055098.74 E = 997654.10	11+89.75 67.32' LT

SHEET 10

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
162	N = 2054921.68 E = 998484.57	342+01.83, 90.59' RT
163	N = 2054897.58 E = 998516.39	341+94.45, 129.82' RT
164	N = 2054892.76 E = 998517.79	341+90.77, 133.22' RT
165	N = 2054838.26 E = 998631.05	341+92.50, 258.90' RT
166	N = 2054840.66 E = 998629.24	341+93.85, 256.21' RT
167	N = 2054846.67 E = 998635.10	342+01.83, 258.77' RT
168	N = 2054804.66 E = 997955.81	341+95.56, 340.36' RT
169	N = 2054798.72 E = 998702.63	

SHEET 15

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
343	N = 2057727.24 E = 999539.09	372+00.78, 114.99' LT
344	N = 2057747.97 E = 999544.43	372+22.26, 116.95' LT
345	N = 2057748.64 E = 999606.28	372+43.77, 58.92' LT
346	N = 2057659.17 E = 999576.68	371+49.19, 56.55' LT
347	N = 2057646.18 E = 999615.92	371+50.36, 15.25' LT
348	N = 2057665.35 E = 999622.31	371+70.57, 15.77' LT
349	N = 2057665.79 E = 999681.43	371+85.33, 23.89' RT
350	N = 2057716.28 E = 999719.09	372+38.46, 22.74' RT
351	N = 2057666.35 E = 999719.09	372+04.21, 75.00' RT
352	N = 2057666.46 E = 999729.76	372+07.89, 85.00' RT
353	N = 2057666.57 E = 999740.42	372+11.57, 94.99' RT
354	N = 2057716.75 E = 999726.45	372+53.92, 65.00' RT
355	N = 2057716.86 E = 999737.09	372+57.56, 75.00' RT
356	N = 2057750.90 E = 999743.81	372+91.67, 70.00' RT
357	N = 2057746.86 E = 999757.94	372+91.67, 85.00' RT
358	N = 2057811.70 E = 999765.05	373+55.83, 70.00' RT
359	N = 2057811.64 E = 999759.74	373+54.04, 65.00' RT
360	N = 2057811.38 E = 999734.50	373+45.54, 41.25' RT
361	N = 2057811.16 E = 999713.03	373+38.30, 21.04' RT
362	N = 2057971.65 E = 999781.70	375+13.95, 39.82' RT
363	N = 2057967.89 E = 999812.99	375+18.39, 65.00' RT
364	N = 2057967.94 E = 999818.28	375+20.11, 70.00' RT
365	N = 2057968.51 E = 999878.75	375+39.67, 127.18' RT
366	N = 2057972.51 E = 999878.71	375+43.42, 125.88' RT
367	N = 2058032.50 E = 999878.01	375+99.72, 106.38' RT
368	N = 2058038.78 E = 999877.98	376+05.63, 104.39' RT
369	N = 2058075.43 E = 999864.30	376+36.02, 80.00' RT
370	N = 2058082.95 E = 999861.49	376+42.27, 75.00' RT
371	N = 2058031.84 E = 999807.68	375+77.19, 39.78' RT

SHEET 16

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
372	N = 2058275.56 E = 999888.57	378+33.27, 42.39' RT
373	N = 2058275.51 E = 999883.54	378+31.73, 37.61' RT
374	N = 2058477.68 E = 999950.88	380+44.16, 43.35' RT
375	N = 2058473.18 E = 999964.46	380+43.70, 57.65' RT
376	N = 2058806.90 E = 1000009.53	381+84.11, 63.63' RT
377	N = 2058807.02 E = 1000021.39	381+87.46, 75.00' RT
378	N = 2058896.48 E = 1000018.38	381+76.56, 75.00' RT
379	N = 2058886.85 E = 1000052.07	381+76.56, 110.04' RT
380	N = 2058867.39 E = 1000057.87	381+97.74, 109.99' RT
381	N = 2058872.03 E = 1000076.14	382+64.42, 110.04' RT
382	N = 2058681.46 E = 1000042.40	382+64.42, 75.00' RT
383	N = 2058735.29 E = 1000057.33	383+20.00, 75.00' RT
384	N = 2058733.96 E = 1000062.15	383+20.00, 80.00' RT
385	N = 2058855.30 E = 1000095.02	384+48.33, 79.62' RT
386	N = 2058858.07 E = 1000084.99	384+45.13, 69.59' RT
387	N = 2058461.38 E = 1000167.49	384+45.04, 79.59' RT
388	N = 2058460.73 E = 1000169.82	384+45.03, 80.00' RT
389	N = 2058452.43 E = 1000199.79	384+44.98, 85.18' RT
390	N = 2058480.88 E = 1000207.22	384+49.85, 85.15' RT
391	N = 2058275.89 E = 999922.81	378+43.71, 75.00' RT
392	N = 2058261.25 E = 999923.50	378+30.00, 80.00' RT

SHEET 17

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
393	N = 2058858.60 E = 1000095.51	384+48.33, 79.62' RT
394	N = 2058950.93 E = 1000120.24	385+43.41, 80.08' RT
395	N = 2058949.70 E = 1000125.00	385+43.41, 85.00' RT
396	N = 2058858.66 E = 1000101.25	384+49.85, 85.15' RT

SHEET 19

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
401	N = 2060603.59 E = 1000293.95	401+91.08, 60.00' RT
402	N = 2060609.50 E = 1000286.00	401+97.15, 52.17' RT
403	N = 2060707.64 E = 1000283.03	402+95.33, 51.21' RT
404	N = 2060712.47 E = 1000291.72	402+99.98, 60.00' RT
405	N = 2060713.75 E = 1000288.45	403+71.32, 58.19' RT
406	N = 2060801.38 E = 1000309.91	403+88.51, 80.00' RT
407	N = 2061028.32 E = 1000285.35	406+15.91, 60.08' RT
408	N = 2061027.94 E = 1000265.77	406+15.92, 40.49' RT
409	N = 2061197.76 E = 1000252.44	407+85.77, 40.64' RT
410	N = 2061198.72 E = 1000301.78	407+85.93, 80.00' RT
411	N = 2060601.33 E = 1000233.98	401+90.05, 0.00' RT

SHEET 20

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
412	N = 2061762.69 E = 1000210.25	413+51.65, 0.00' RT
413	N = 2061331.27 E = 1000179.91	409+20.94, 39.15' LT
414	N = 2061330.38 E = 1000134.07	409+20.99, 85.00' LT
415	N = 2061424.29 E = 1000132.15	410+14.92, 85.00' LT
416	N = 2061443.41 E = 1000112.23	410+34.44, 104.51' LT
417	N = 2061445.03 E = 1000171.72	410+34.73, 39.01' LT
418	N = 2061505.02 E = 1000176.56	410+94.73, 38.94' LT
419	N = 2061503.46 E = 1000113.40	410+94.45, 102.12' LT
420	N = 2061515.26 E = 1000113.10	411+06.25, 102.18' LT
421	N = 2061545.61 E = 1000154.67	411+35.75, 60.00' LT
422	N = 2061549.20 E = 1000159.60	411+39.25, 55.00' LT
423	N = 2061609.95 E = 1000158.36	412+00.00, 55.00' LT
424	N = 2061610.14 E = 1000167.78	412+00.00, 45.58' LT
425	N = 2061761.75 E = 1000164.68	413+51.65, 45.58' LT
426	N = 2061761.46 E = 1000150.26	413+51.65, 60.00' LT
427	N = 2061197.76 E = 1000262.44	407+85.77, 40.64' RT
428	N = 2061417.88 E = 1000258.13	410+05.94, 40.83' RT
429	N = 2061448.46 E = 1000287.38	410+35.91, 70.70' RT
430	N = 2061450.26 E = 1000360.61	410+36.21, 143.95' RT
431	N = 2061440.26 E = 1000360.82	410+26.21, 143.96' RT
432	N = 2061438.69 E = 1000296.71	410+25.95, 79.83' RT
433	N = 2061421.96 E = 1000277.22	410+09.62, 60.00' RT
434	N = 2061202.38 E = 1000281.71	407+90.00, 60.00' RT
435	N = 2061202.79 E = 1000301.70	407+90.00, 80.00' RT
436	N = 2061198.72 E = 1000301.78	407+85.93, 80.00' RT
437	N = 2061155.59 E = 1000364.05	410+96.23, 148.61' RT
438	N = 2061529.35 E = 1000363.79	411+08.23, 148.61' RT
439	N = 2061520.55 E = 1000290.21	411+07.92, 75.00' RT
440	N = 2061617.49 E = 1000288.22	412+04.89, 75.00' RT
441	N = 2061627.60 E = 1000268.02	412+15.00, 75.00' RT
442	N = 2061627.19 E = 1000268.02	412+15.00, 55.00' RT
443	N = 2061742.17 E = 1000265.67	413+30.00, 55.00' RT

SHEET 20

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
444	N = 2061742.57 E = 1000285.67	413+30.00, 75.00' RT
445	N = 2061742.68 E = 1000290.67	413+30.00, 80.00' RT
446	N = 2061616.83 E = 1000254.42	412+04.92, 41.19' RT
447	N = 2061532.83 E = 1000255.88	411+20.91, 40.93' RT
448	N = 2061508.33 E = 1000281.49	410+95.89, 66.03' RT

SHEET 21

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
449	N = 2062210.10 E = 1000156.27	418+00.00, 45.58' LT
450	N = 2062209.55 E = 1000126.85	418+00.00, 75.00' LT
451	N = 2062217.76 E = 1000126.10	418+08.30, 74.90' LT
452	N = 2062225.10 E = 1000162.70	418+14.87, 38.86' LT
453	N = 2062218.46 E = 1000162.83	418+08.23, 38.86' LT
454	N = 2062159.84 E = 1000142.79	417+50.00, 60.00' LT
455	N = 2062209.74 E = 1000136.85	418+00.00, 65.00' LT
456	N = 2061926.53 E = 1000248.84	414+94.74, 41.29' RT
457	N = 2061906.99 E = 1000272.55	414+94.75, 65.00' RT
458	N = 2061932.23 E = 1000272.07	415+20.00, 65.00' RT
459	N = 2062076.94 E = 1000255.36	416+65.00, 51.00' RT
460	N = 2062077.20 E = 1000269.35	416+65.00, 65.00' RT
461	N = 2062077.22 E = 1000270.35	416+65.00, 66.00' RT
462	N = 2062077.31 E = 1000275.35	416+65.00, 71.00' RT
463	N = 2062197.29 E = 1000273.10	417+85.00, 71.00' RT
464	N = 2062197.20 E = 1000268.10	417+85.00, 66.00' RT
465	N = 2062197.46 E = 1000282.10	417+85.00, 80.00' RT
466	N = 2062226.96 E = 1000288.17	418+14.28, 86.62' RT
467	N = 2061972.22 E = 1000271.32	415+60.00, 65.00' RT
468	N = 2061972.43 E = 1000282.32	415+60.00, 76.00' RT
469	N = 2061922.44 E = 1000283.26	415+10.00, 76.00' RT
470	N = 2061922.32 E = 1000277.26	415+10.00, 70.00' RT
471	N = 2061907.08 E = 1000277.54	414+94.76, 70.00' RT
472	N = 2061907.27 E = 1000287.54	414+94.76, 79.99' RT
473	N = 2062312.93 E = 1000305.94	419+00.00, 106.00' RT
474	N = 2062313.02 E = 1000310.94	419+00.00, 111.00' RT
475	N = 2062226.17 E = 1000242.69	418+14.49, 41.13' RT
476	N = 2062459.51 E = 1000122.16	420+50.00, 75.00' LT
477	N = 2062459.41 E = 1000117.16	420+50.00, 80.00' LT
478	N = 2062229.71 E = 1000491.13	418+13.32, 289.60' RT

SHEET 22

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
479	N = 2063846.84 E = 1000116.14	434+46.55, 65.00' LT
480	N = 2063846.84 E = 1000115.97	434+46.46, 55.00' LT
481	N = 2063846.84 E = 1000115.97	434+46.37, 39.45' LT
482	N = 2063749.56 E = 1000123.96	433+40.00, 60.00' LT
483	N = 2063749.56 E = 1000123.96	433+40.00, 85.00' LT
484	N = 2063690.11 E = 1000089.07	432+81.00, 85.00' LT
485	N = 2063690.58 E = 1000114.07	432+81.00, 60.00' LT
486	N = 2063545.65 E = 1000137.46	431+35.67, 39.34' LT
487	N = 2063545.65 E = 1000116.79	431+35.79, 60.00' LT
488	N = 2063359.89 E = 1000134.28	429+50.00, 46.00' LT
489	N = 2063359.89 E = 1000134.28	429+50.00, 60.00' LT
490	N = 2063412.01 E = 1000101.60	430+02.74, 77.00' LT
491	N = 2063350.20 E = 1000141.19	429+40.18, 39.27' LT
492	N = 2063350.11 E = 1000134.46	429+40.22, 46.00' LT
493	N = 2063349.71 E = 1000102.76	429+40.41, 77.00' LT
494	N = 2063314.31 E = 1000103.43	429+05.00, 77.00' LT
495	N = 2063314.96 E = 1000138.12	429+05.00, 46.00' LT
496	N = 2063749.66 E = 1000117.96	433+40.00, 55.00' LT
497	N = 2063914.11 E = 1000220.42	435+02.51, 50.53' RT
498	N = 2063760.53 E = 1000247.78	433+48.43, 75.00' RT
499	N = 2063760.21 E = 1000223.37	433+48.57, 50.58' RT
500	N = 2063760.27 E = 1000227.78	433+48.55, 55.00' RT
501	N = 2063700.22 E = 1000224.51	432+88.58, 50.60' RT
502	N = 2063700.41 E = 1000238.91	432+88.45, 65.00' RT
503	N = 2063547.60 E = 1000261.78	431+35.28, 85.00' RT
504	N = 2063547.33 E = 1000241.78	431+35.46, 50.66' RT
505	N = 2063547.00 E = 1000217.44	431+35.52, 40.66' RT
506	N = 2063392.04 E = 1000220.40	429+80.52, 40.72' RT
507	N = 2063392.36 E = 1000244.69	429+80.35, 65.00' RT

SHEET 22

SHEET 27 PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011) Table with columns: PT#, COORDINATES, STATION/OFFSET. Rows 674-692.

SHEET 28 PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011) Table with columns: PT#, COORDINATES, STATION/OFFSET. Rows 677-695.

SHEET 29 PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011) Table with columns: PT#, COORDINATES, STATION/OFFSET. Rows 674-695.

SHEET 31 PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011) Table with columns: PT#, COORDINATES, STATION/OFFSET. Rows 677-695.



PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION ROUTE: IL ROUTE 31

LIMITS: IL 176 TO IL 120 COUNTY: MCHENRY SECTION: JOB NO.: R-91-013-07 STA. TO STA. SHEET 52A OF 52A SHEETS

BUREAU OF LAND ACQUISITION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

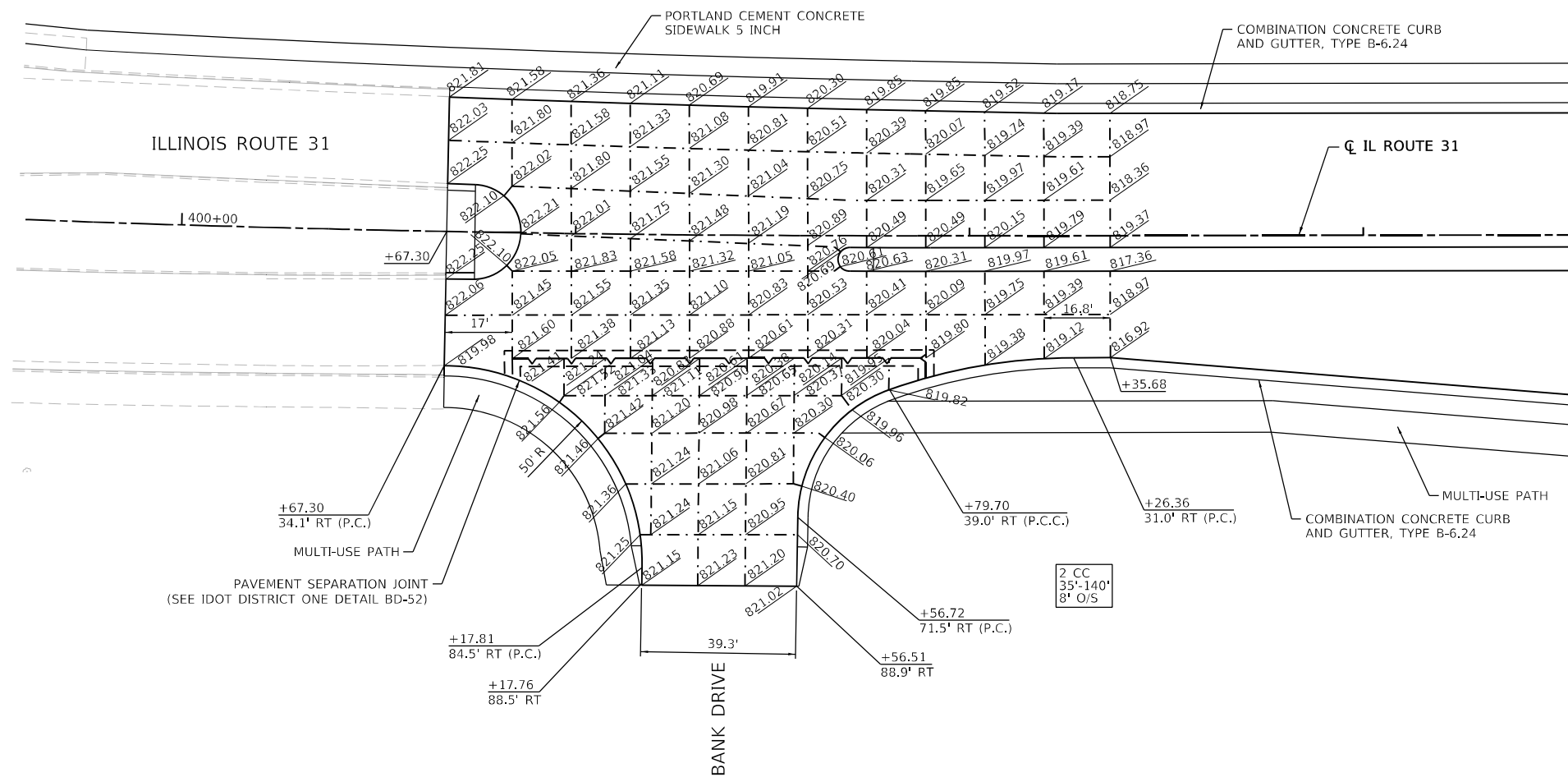
REVISION DATE 08-02-2024

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Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED, REVISIONS, F.A.P. R.T.E., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., SCALE, SHEET OF SHEETS, STA. TO STA., CONTRACT NO.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROW PLANS



NOTES

1. ADDITIONAL JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD, AND APPROVED BY THE ENGINEER.
2. SEE IDOT HIGHWAY STD 420001-07, 420101-04, 420106-04, 420111-03 AND DISTRICT 1 DETAIL BD-52 FOR ADDITIONAL PAVEMENT JOINT DETAILS.
3. ALL TRANSVERSE CONTRACTIONS JOINTS ARE 15' ON CENTER UNLESS OTHERWISE NOTED.

MODEL: Default
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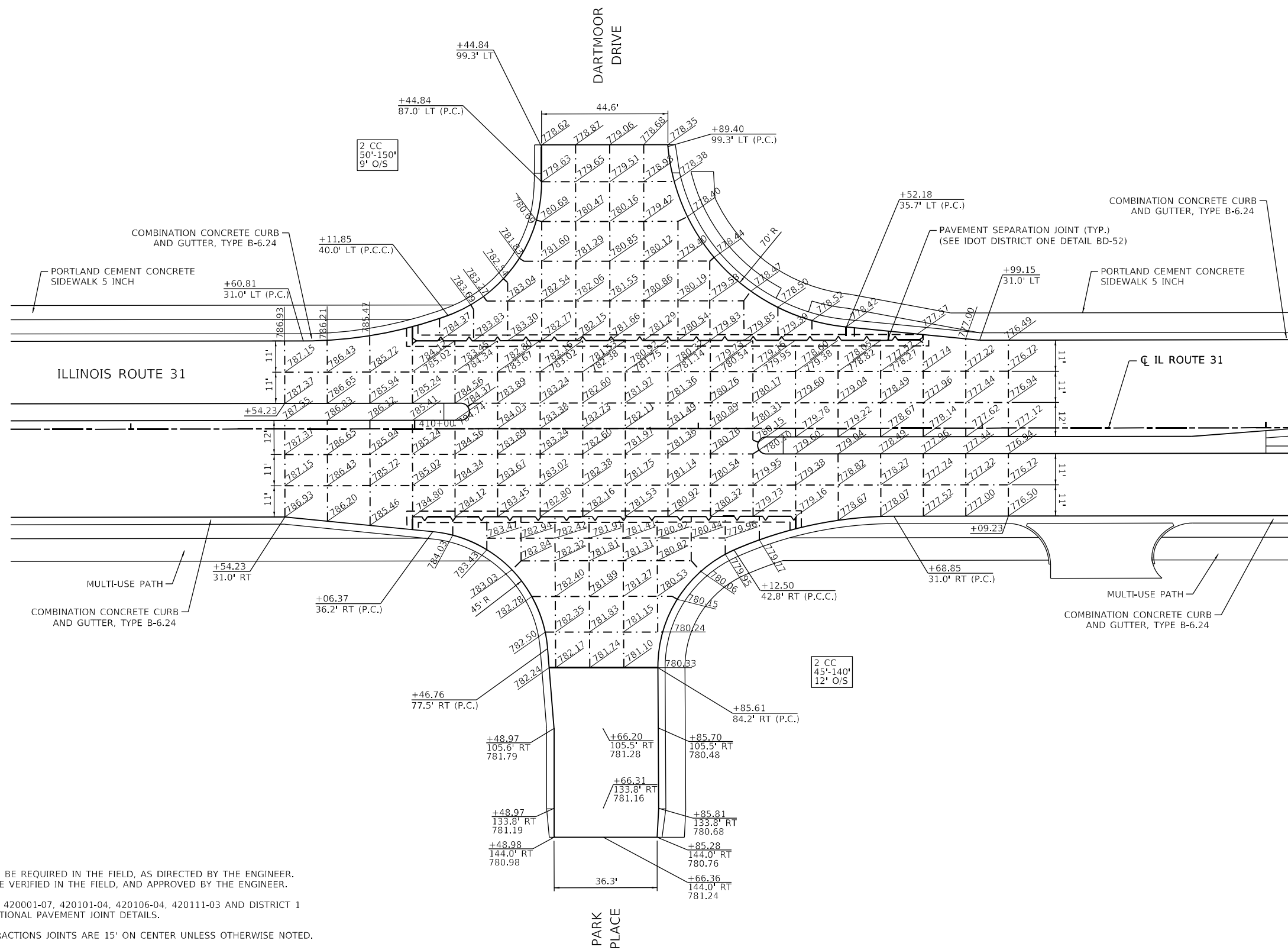
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	DRAWN - CD	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - EJB	REVISED -
PLOT DATE = 1/16/2026	DATE - 04/30/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS AND JOINTING PLAN
 BANK DRIVE**

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

F.A.P R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	337
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62U72	



1. ADDITIONAL JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD, AND APPROVED BY THE ENGINEER.
2. SEE IDOT HIGHWAY STD 420001-07, 420101-04, 420106-04, 420111-03 AND DISTRICT 1 DETAIL BD-52 FOR ADDITIONAL PAVEMENT JOINT DETAILS.
3. ALL TRANSVERSE CONTRACTIONS JOINTS ARE 15' ON CENTER UNLESS OTHERWISE NOTED.

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DATE -	04/30/2024

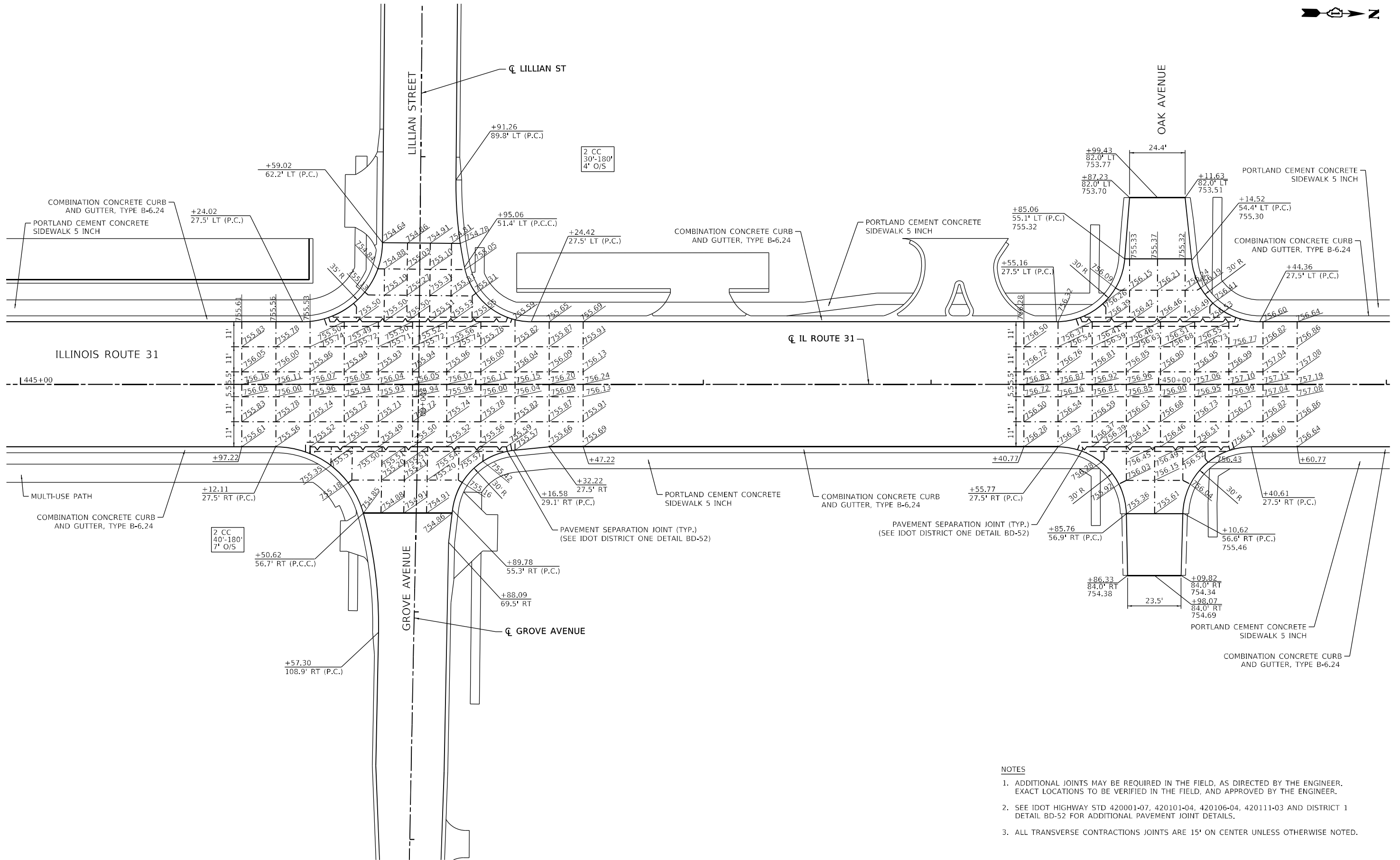
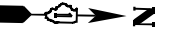
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS AND JOINTING PLAN
DARTMOOR DRIVE & PARK PLACE**

SCALE: 1"=20' SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	338
CONTRACT NO.				62U72
ILLINOIS FED. AID PROJECT				



- NOTES**
- ADDITIONAL JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD, AND APPROVED BY THE ENGINEER.
 - SEE IDOT HIGHWAY STD 420001-07, 420101-04, 420106-04, 420111-03 AND DISTRICT 1 DETAIL BD-52 FOR ADDITIONAL PAVEMENT JOINT DETAILS.
 - ALL TRANSVERSE CONTRACTIONS JOINTS ARE 15' ON CENTER UNLESS OTHERWISE NOTED.

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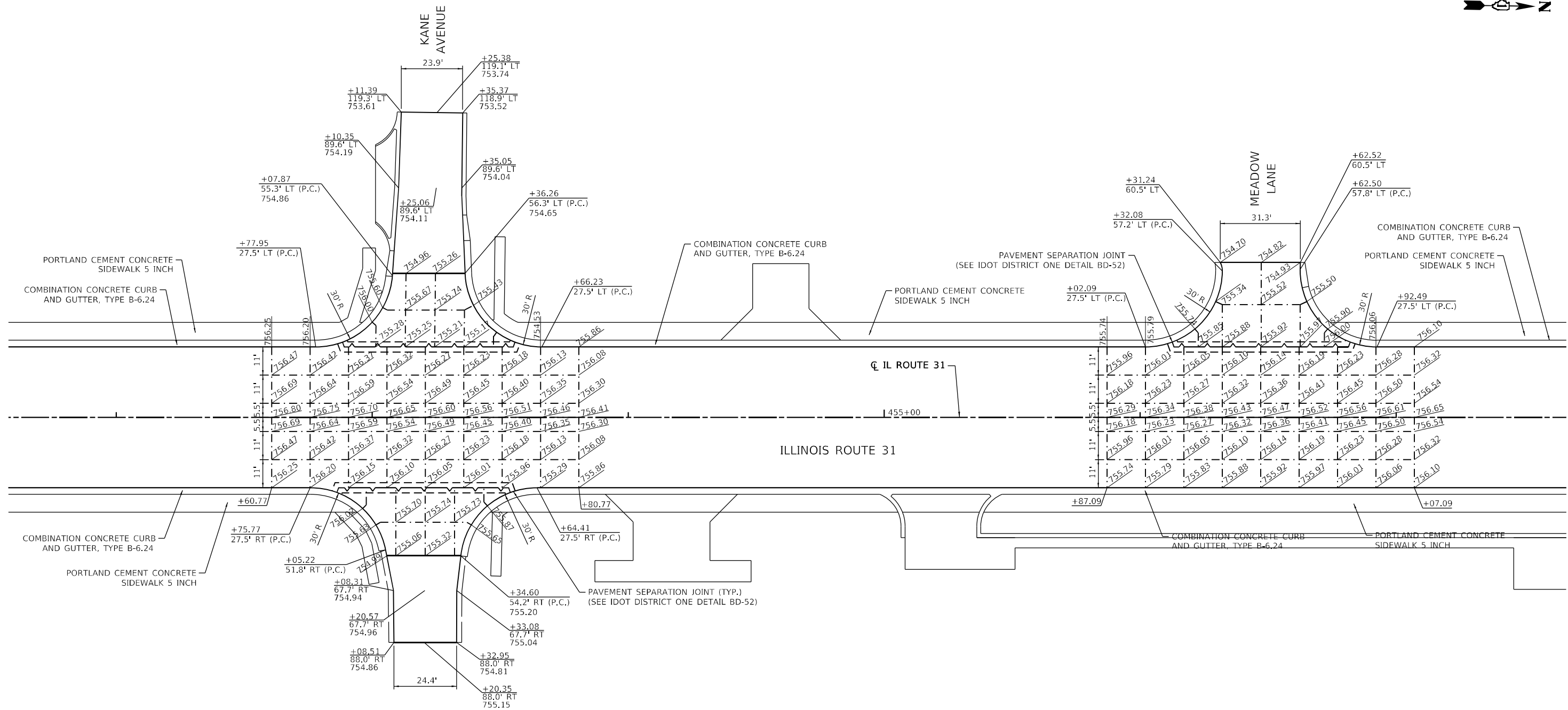
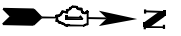


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DRAWN - CD	REVISED -	
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PLOT DATE = 1/16/2026	DATE - 04/30/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS AND JOINTING PLAN
LILLIAN AVENUE / GROVE AVENUE & OAK AVENUE**

SCALE: 1"=20'	SHEET 4 OF 9 SHEETS	STA. TO STA.	F.A.P. R.T.E. SECTION COUNTY TOTAL SHEETS SHEET NO.
			336A FAP 336 23 RECON NORTH McHENRY 575 340
			CONTRACT NO. 62U72
			ILLINOIS FED. AID PROJECT



- NOTES**
1. ADDITIONAL JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD, AND APPROVED BY THE ENGINEER.
 2. SEE IDOT HIGHWAY STD 420001-07, 420101-04, 420106-04, 420111-03 AND DISTRICT 1 DETAIL BD-52 FOR ADDITIONAL PAVEMENT JOINT DETAILS.
 3. ALL TRANSVERSE CONTRACTIONS JOINTS ARE 15' ON CENTER UNLESS OTHERWISE NOTED.

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 SHEET: 5
 DATE: 1/16/2026



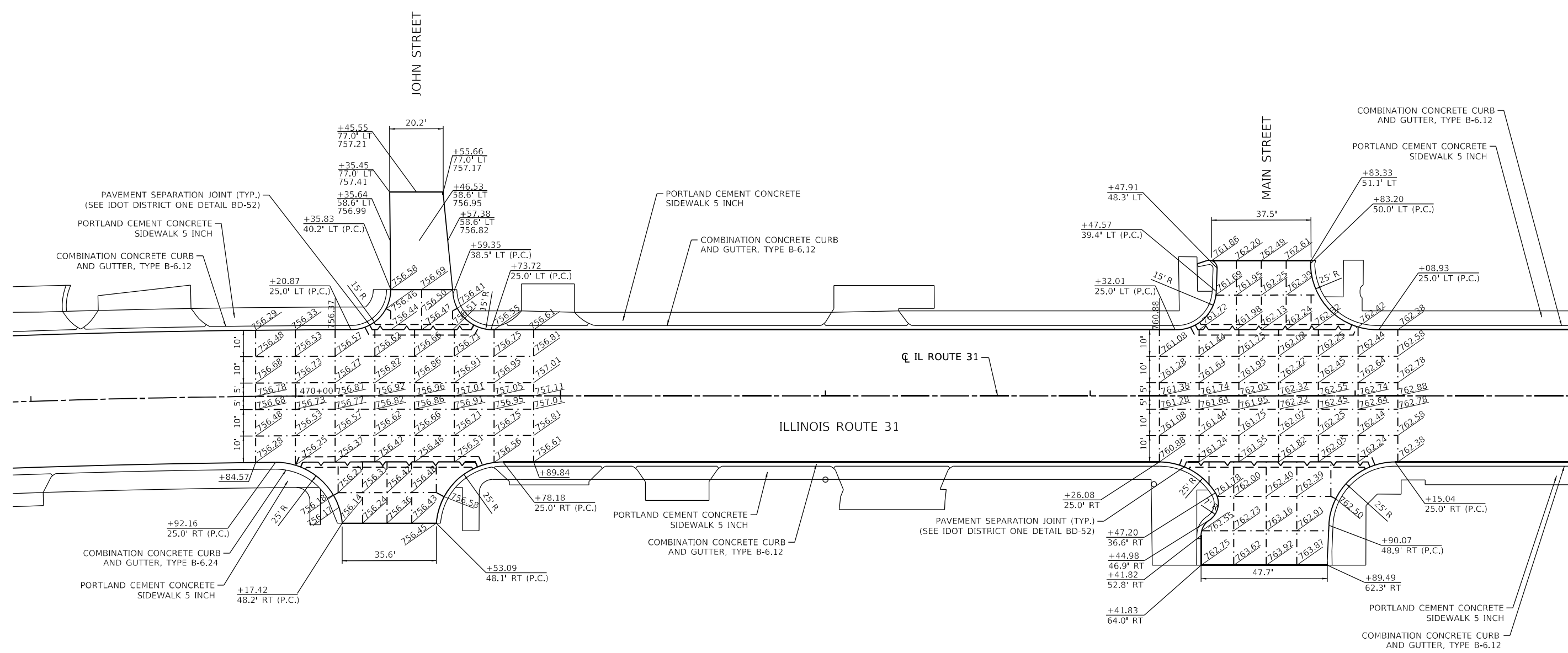
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS AND JOINTING PLAN
KANE AVENUE & MEADOW LANE**

SCALE: 1"=20' SHEET 5 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	341
CONTRACT NO.			62U72	
ILLINOIS FED. AID PROJECT				



NOTES

1. ADDITIONAL JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD, AND APPROVED BY THE ENGINEER.
2. SEE IDOT HIGHWAY STD 420001-07, 420101-04, 420106-04, 420111-03 AND DISTRICT 1 DETAIL BD-52 FOR ADDITIONAL PAVEMENT JOINT DETAILS.
3. ALL TRANSVERSE CONTRACTIONS JOINTS ARE 15' ON CENTER UNLESS OTHERWISE NOTED.

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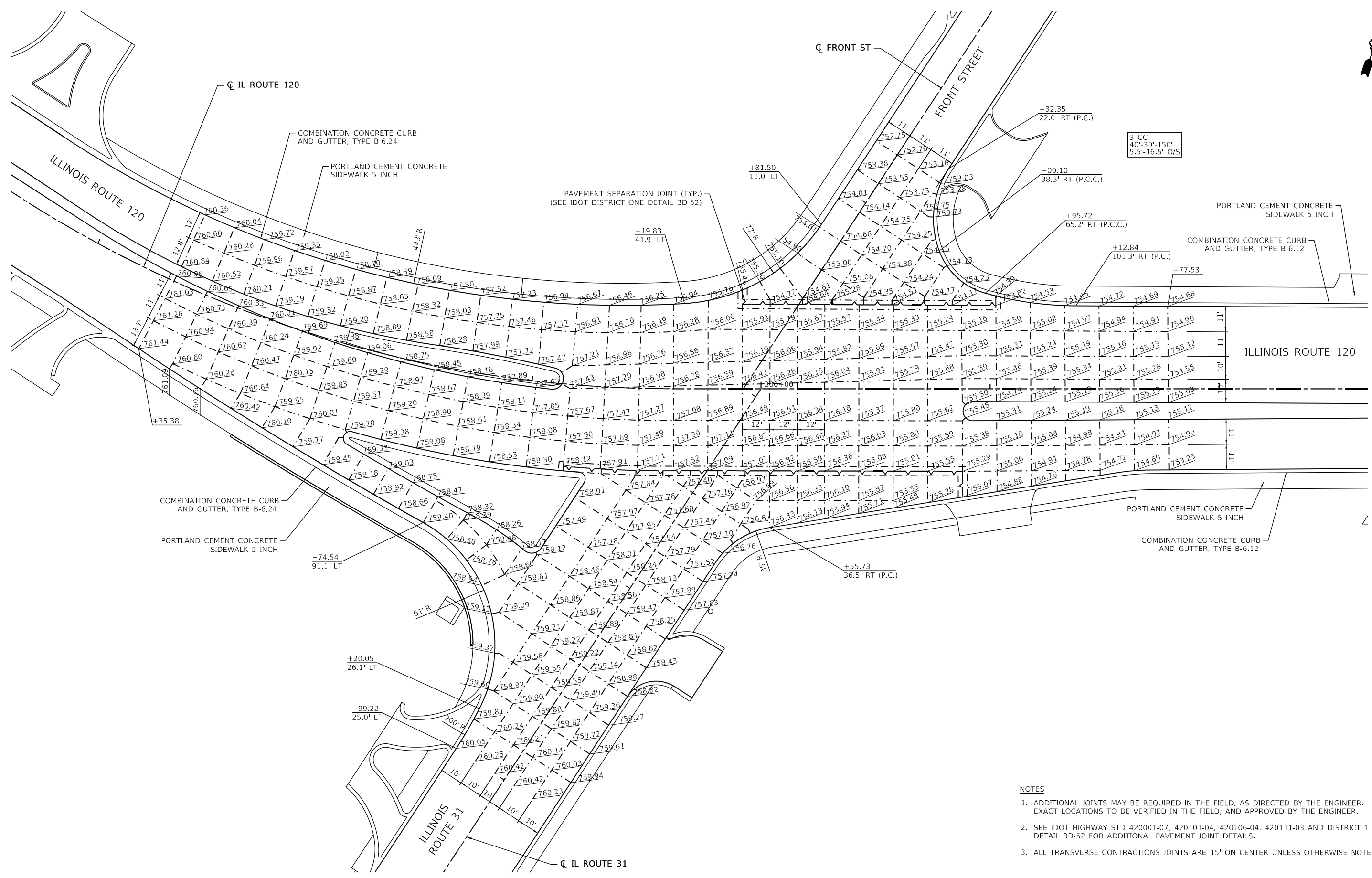
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PLOT DATE = 1/16/2026	DATE - 04/30/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS AND JOINTING PLAN
JOHN STREET & MAIN STREET**

SCALE: 1"=20' SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	342
CONTRACT NO.			62U72	
ILLINOIS		FED. AID PROJECT		



MODEL: Default
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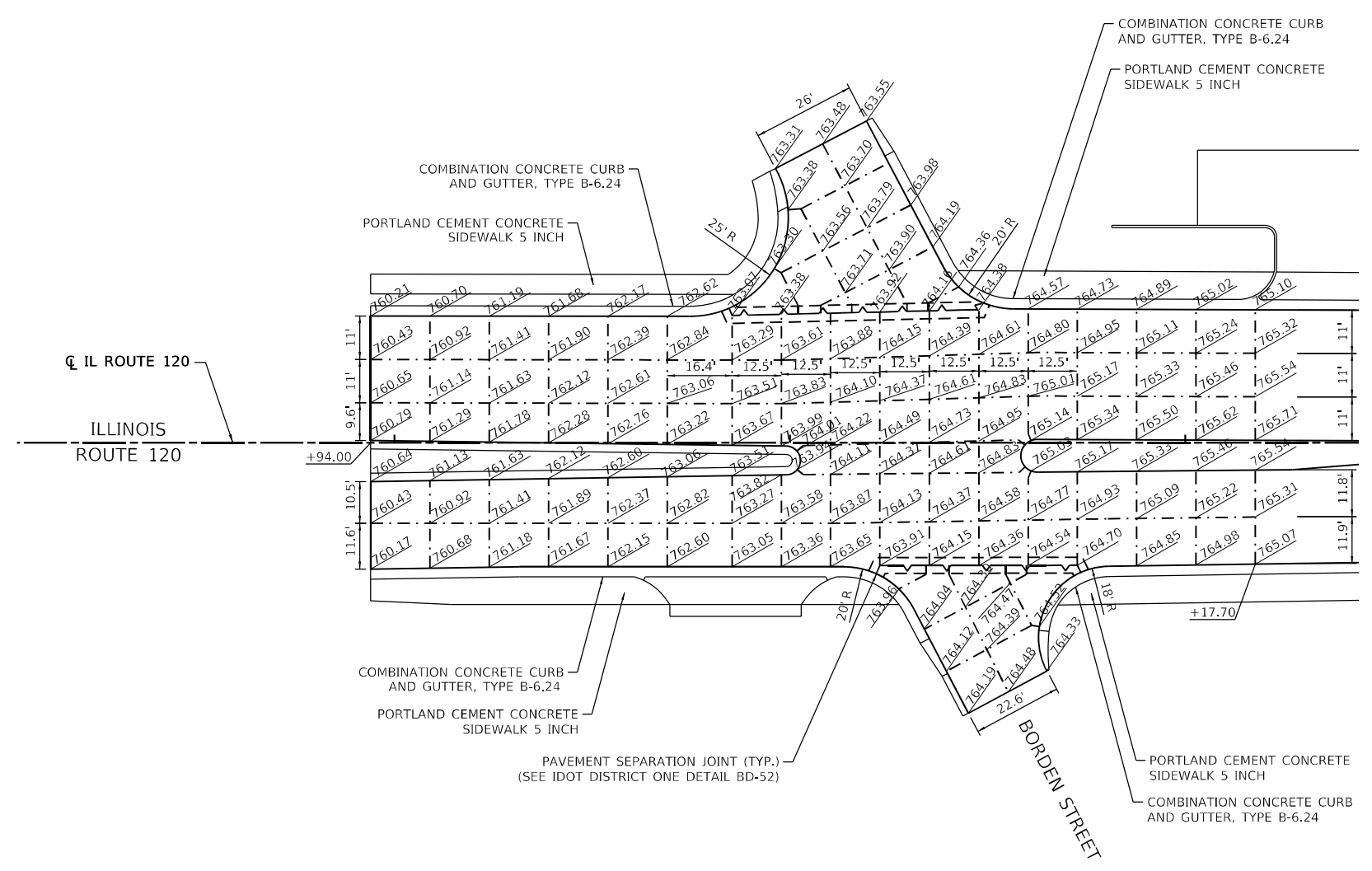
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PLOT DATE = 1/16/2026	DATE - 04/30/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS AND JOINTING PLAN
 ILLINOIS ROUTE 120**

SCALE: 1"=20' SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	343
CONTRACT NO. 62U72			ILLINOIS FED. AID PROJECT	



NOTES

1. ADDITIONAL JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD, AND APPROVED BY THE ENGINEER.
2. SEE IDOT HIGHWAY STD 420001-07, 420101-04, 420106-04, 420111-03 AND DISTRICT 1 DETAIL BD-52 FOR ADDITIONAL PAVEMENT JOINT DETAILS.
3. ALL TRANSVERSE CONTRACTIONS JOINTS ARE 15' ON CENTER UNLESS OTHERWISE NOTED.

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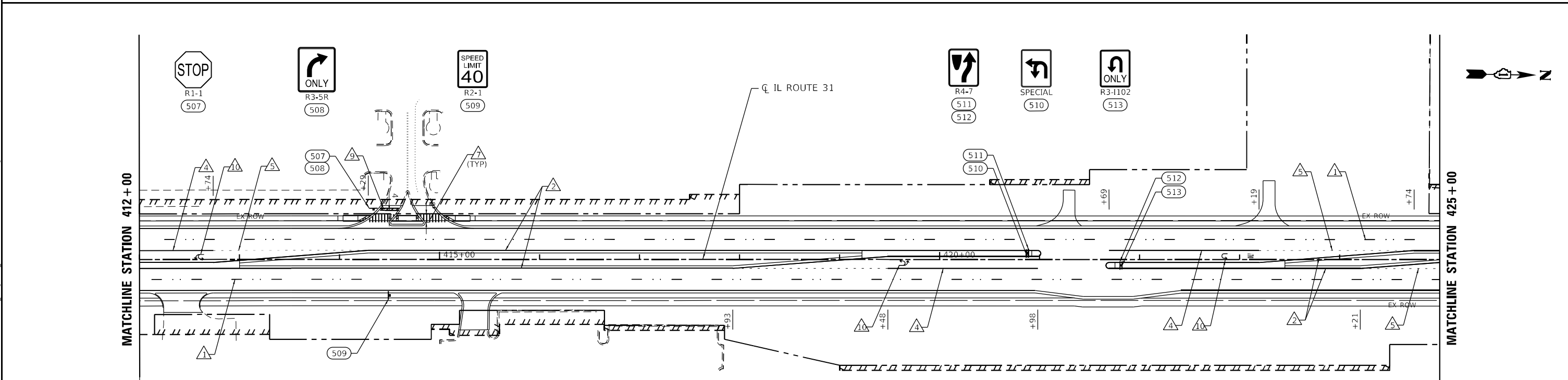
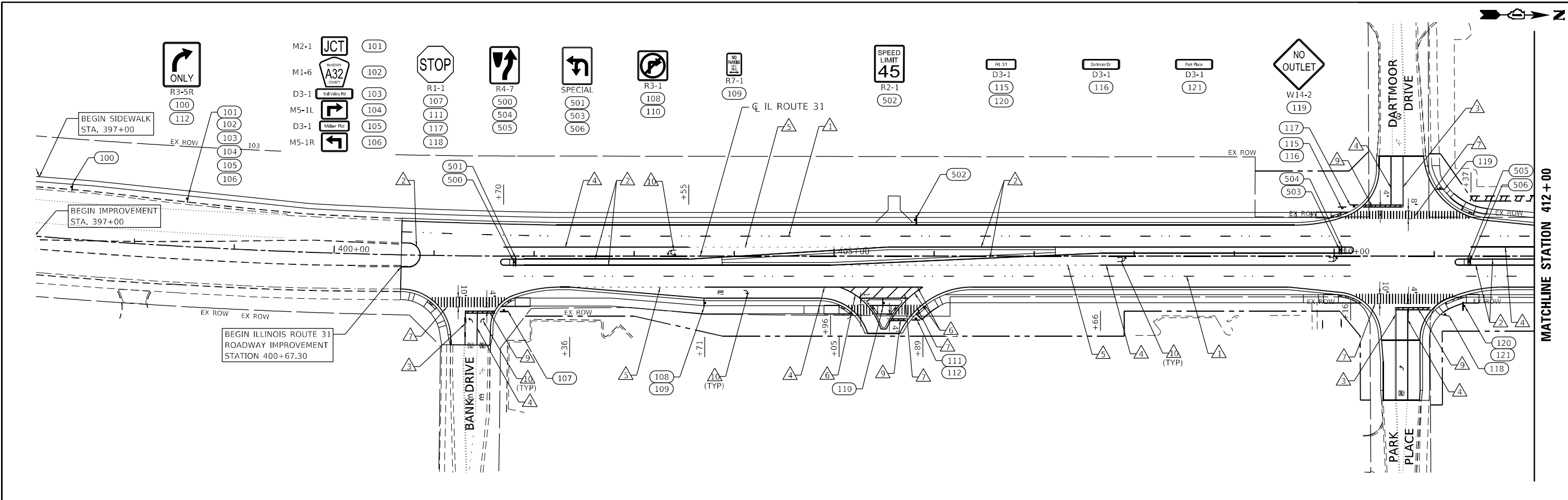
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PLOT DATE = 1/16/2026	DATE - 04/30/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS AND JOINTING PLAN
 BORDEN STREET**

SCALE: 1"=20' SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.P. R.I.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	344
			CONTRACT NO. 62U72	
		ILLINOIS	FED. AID PROJECT	



PROPOSED PCC PAVEMENT MARKING LEGEND

- ▲ PREFORMED PLASTIC PAVEMENT MARKING TYPE D - STANDARD -LINE 7" (WHITE LANE LINE SKIP-DASH 30'-10')
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (WHITE SKIP-DASH 30'-10')
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (YELLOW)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE YELLOW)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 6" (WHITE)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 6" (WHITE SKIP-DASH 6'-2')
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 8" (WHITE)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 12" (WHITE)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 12" (YELLOW)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 24" (WHITE)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (WHITE)
- ◀ RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY CRYSTAL

NOTES:

1. EXISTING SIGNS BEGIN AT #100. PROPOSED SIGNS BEGIN AT #500.
2. SEE EXISTING SIGN SCHEDULE FOR EXISTING SIGN REMOVALS.

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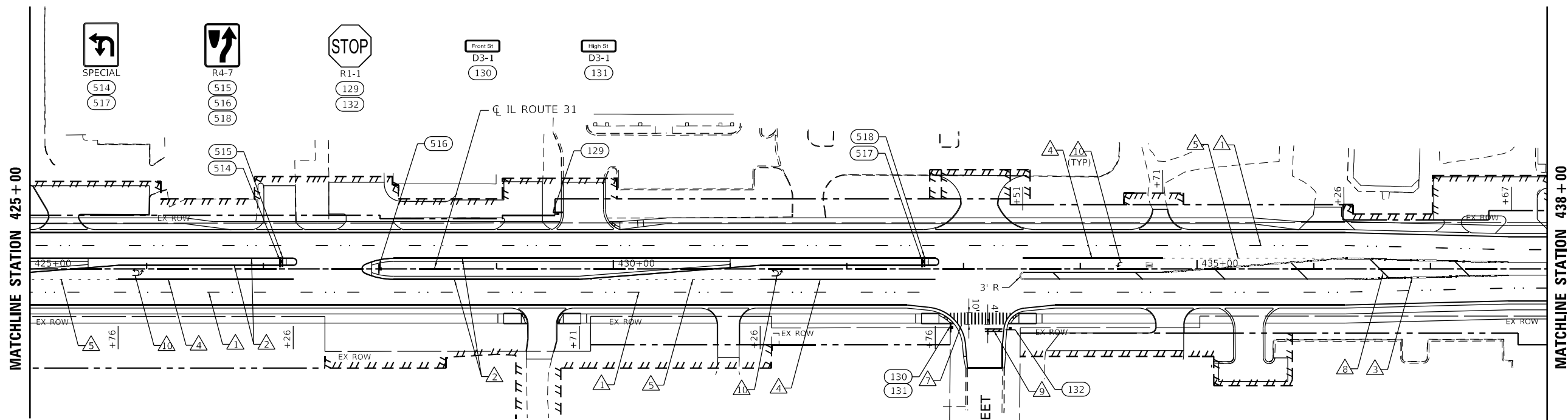
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	DATE = 04/30/2024	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
ILLINOIS ROUTE 31**

SCALE: 1"=50' SHEET 1 OF 5 SHEETS STA. 397+00 TO STA. 425+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	346
CONTRACT NO. 80C85			ILLINOIS FED. AID PROJECT	



PROPOSED PCC PAVEMENT MARKING LEGEND

- ▲ PREFORMED PLASTIC PAVEMENT MARKING TYPE D - STANDARD -LINE 7" (WHITE LANE LINE SKIP-DASH 30"-10")
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (WHITE SKIP-DASH 30"-10")
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (YELLOW)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE YELLOW)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 6" (WHITE)

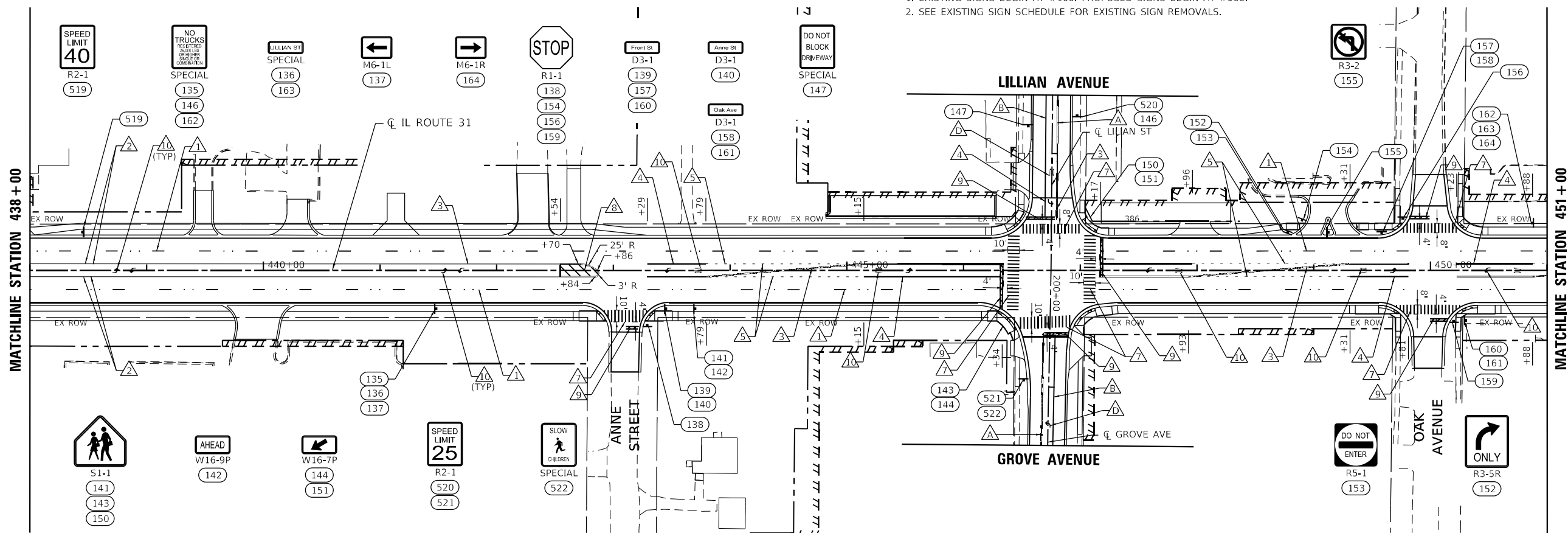
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 6" (WHITE SKIP-DASH 6'-2')
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 8" (WHITE)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 12" (WHITE)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 12" (YELLOW)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 24" (WHITE)
- ▲ MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (WHITE)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY CRYSTAL

PROPOSED HMA PAVEMENT MARKING LEGEND

- ▲ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ▲ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ▲ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP-DASH 6'-2')
- ▲ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)

NOTES:

1. EXISTING SIGNS BEGIN AT #100. PROPOSED SIGNS BEGIN AT #500.
2. SEE EXISTING SIGN SCHEDULE FOR EXISTING SIGN REMOVALS.



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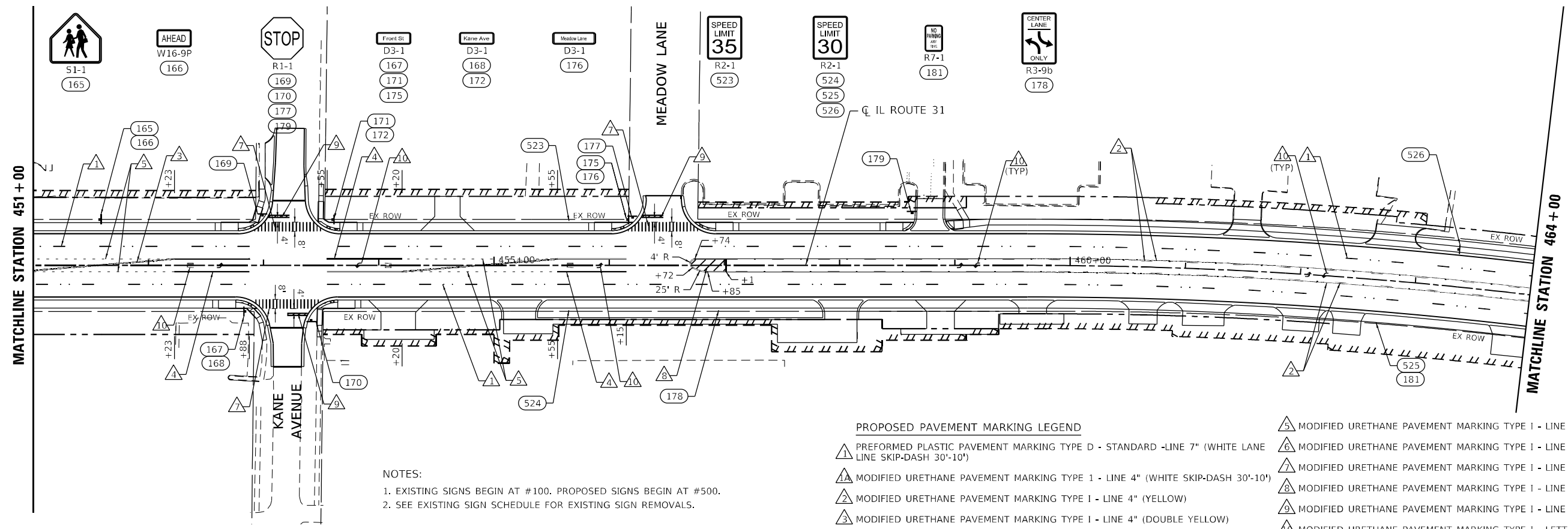
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	DATE = 04/30/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
ILLINOIS ROUTE 31**

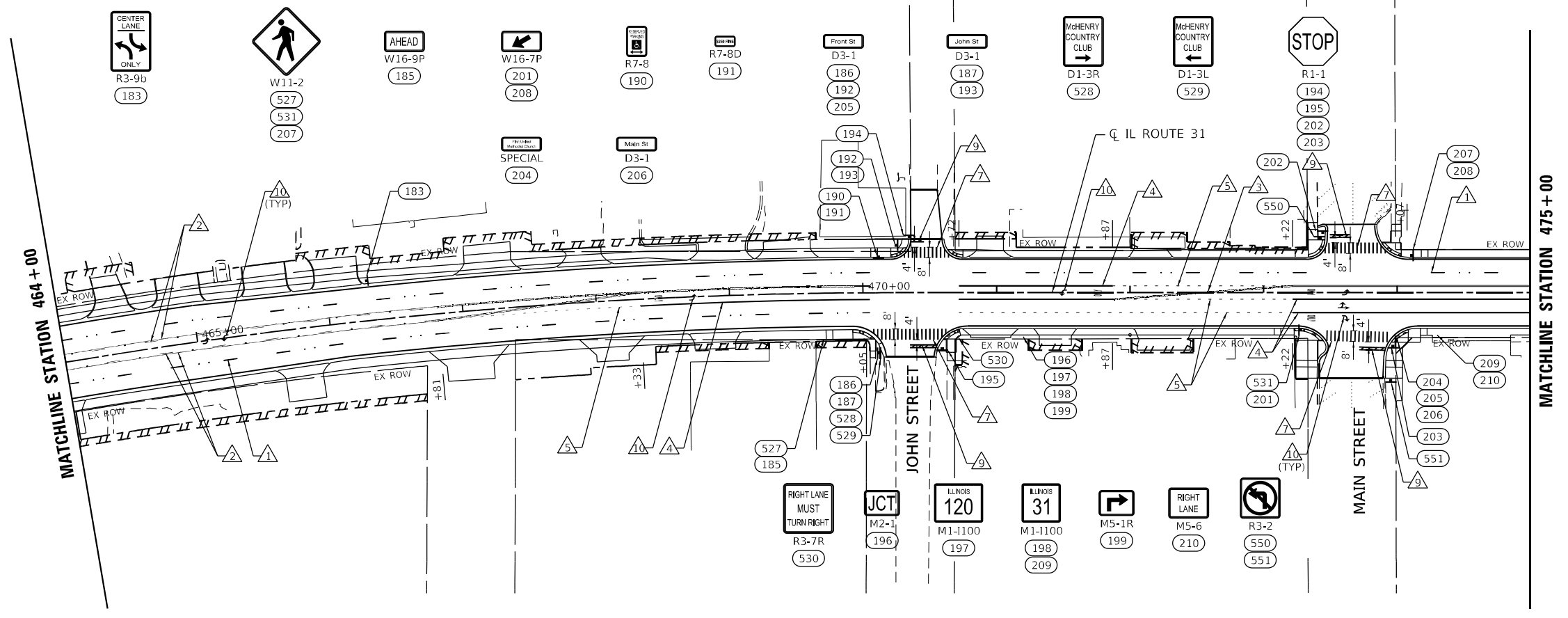
SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. 425+00 TO STA. 451+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	347
CONTRACT NO. 62U72			ILLINOIS FED. AID PROJECT	



NOTES:
 1. EXISTING SIGNS BEGIN AT #100. PROPOSED SIGNS BEGIN AT #500.
 2. SEE EXISTING SIGN SCHEDULE FOR EXISTING SIGN REMOVALS.

- PROPOSED PAVEMENT MARKING LEGEND**
- ▲ PREFORMED PLASTIC PAVEMENT MARKING TYPE D - STANDARD -LINE 7" (WHITE LANE LINE SKIP-DASH 30'-10')
 - ▲1 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (WHITE SKIP-DASH 30'-10')
 - ▲2 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (YELLOW)
 - ▲3 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE YELLOW)
 - ▲4 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 6" (WHITE)
 - ▲5 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 6" (WHITE SKIP-DASH 6'-2')
 - ▲6 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 8" (WHITE)
 - ▲7 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 12" (WHITE)
 - ▲8 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 12" (YELLOW)
 - ▲9 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 24" (WHITE)
 - ▲10 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (WHITE)
 - ▲ RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY CRYSTAL



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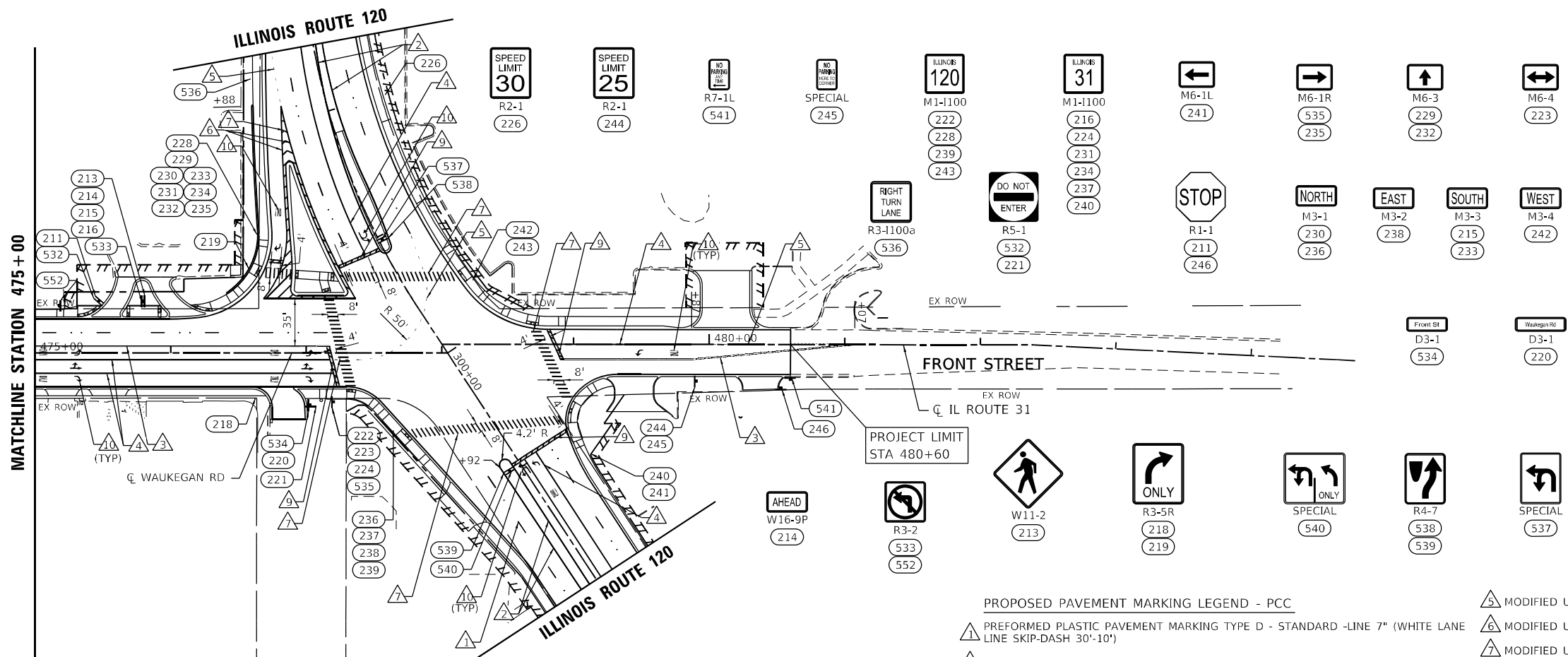
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	DATE = 04/30/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
 ILLINOIS ROUTE 31**

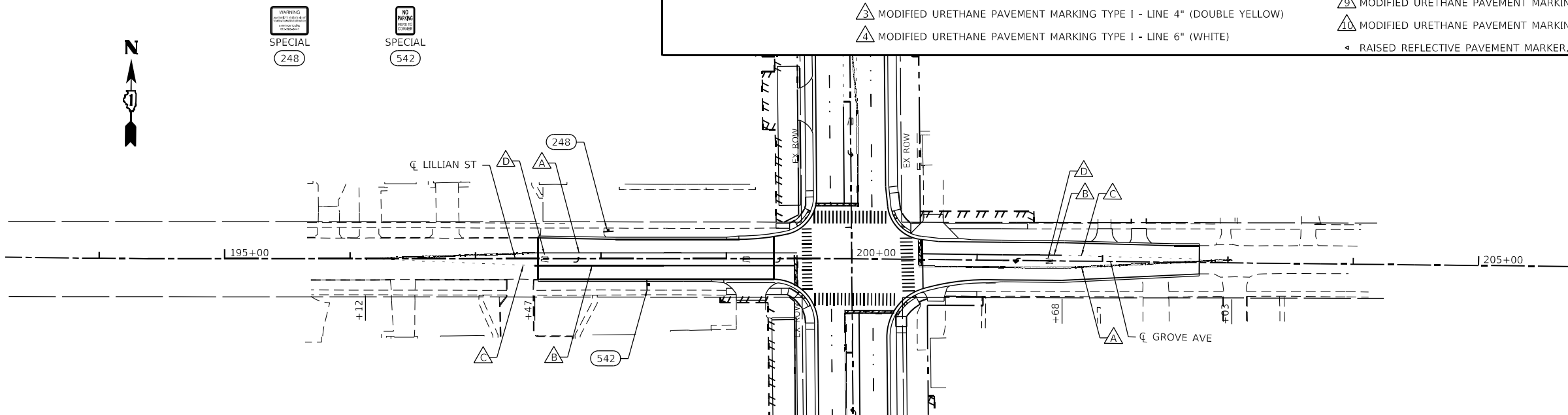
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F.A.P. RTE. 336A	SECTION FAP 336 23 RECON NORTH	COUNTY McHENRY	TOTAL SHEETS 575	SHEET NO. 348
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62U72	



PROPOSED PAVEMENT MARKING LEGEND - PCC

- 1. PREFORMED PLASTIC PAVEMENT MARKING TYPE D - STANDARD - LINE 7" (WHITE LANE LINE SKIP-DASH 30'-10')
- 2. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (WHITE SKIP-DASH 30'-10')
- 3. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (YELLOW)
- 4. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE YELLOW)
- 5. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 6" (WHITE)
- 6. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 8" (WHITE)
- 7. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 12" (WHITE)
- 8. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 12" (YELLOW)
- 9. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 24" (WHITE)
- 10. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (WHITE)
- ◀ RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY CRYSTAL



PROPOSED PAVEMENT MARKING LEGEND - HMA

- A. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- B. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- C. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP-DASH 6'-2')
- D. THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)

NOTES:
 1. EXISTING SIGNS BEGIN AT #100. PROPOSED SIGNS BEGIN AT #500.
 2. SEE EXISTING SIGN SCHEDULE FOR EXISTING SIGN REMOVALS.



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PLOT DATE = 1/15/2026	CHECKED -	REVISED -
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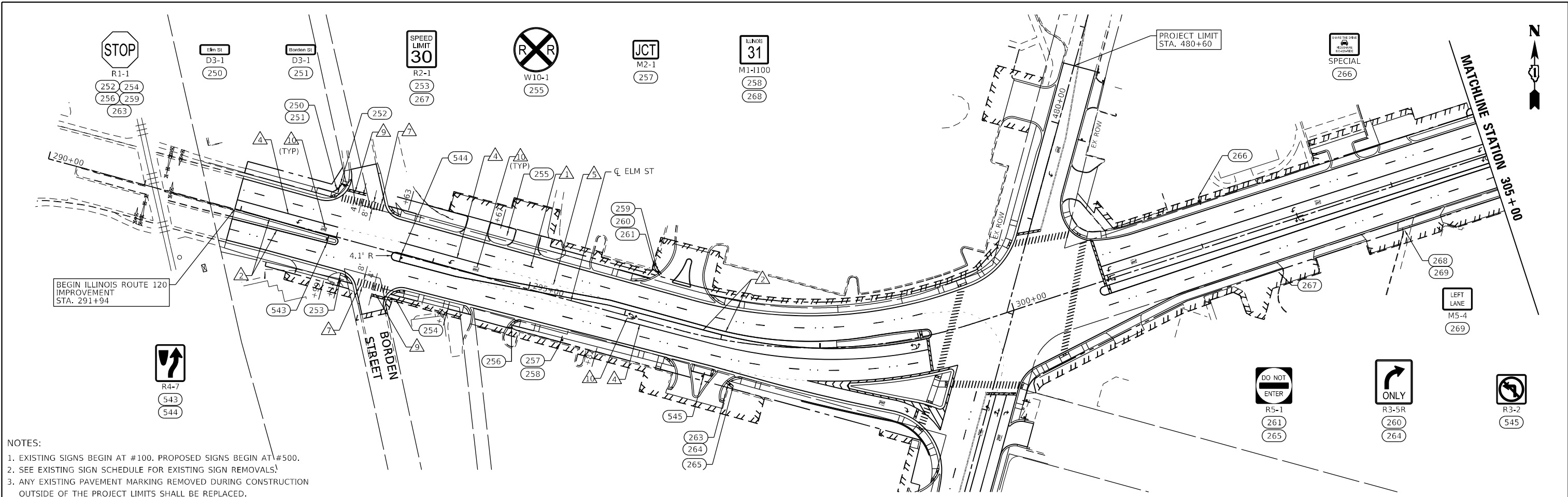
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
 ILLINOIS ROUTE 31**

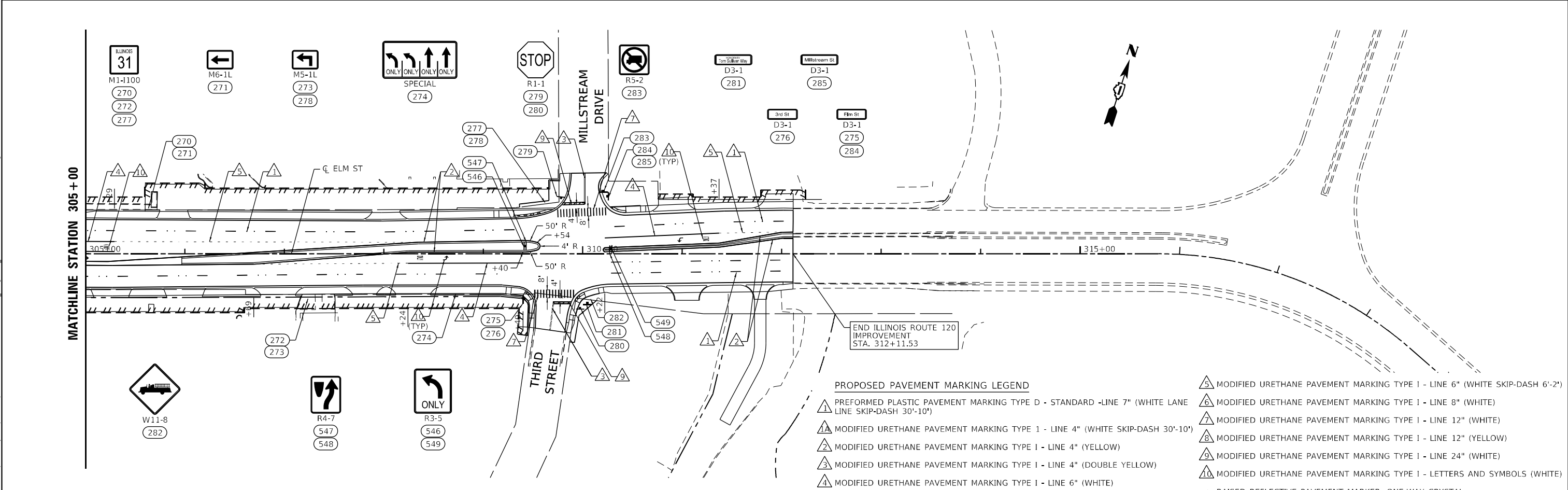
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F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	349
CONTRACT NO. 62U72			ILLINOIS FED. AID PROJECT	

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 TIME: 10:00:00 AM



NOTES:
 1. EXISTING SIGNS BEGIN AT #100. PROPOSED SIGNS BEGIN AT #500.
 2. SEE EXISTING SIGN SCHEDULE FOR EXISTING SIGN REMOVALS.
 3. ANY EXISTING PAVEMENT MARKING REMOVED DURING CONSTRUCTION OUTSIDE OF THE PROJECT LIMITS SHALL BE REPLACED.



- PROPOSED PAVEMENT MARKING LEGEND**
- 1 PREFORMED PLASTIC PAVEMENT MARKING TYPE D - STANDARD -LINE 7" (WHITE LANE LINE SKIP-DASH 30'-10')
 - 2 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (WHITE SKIP-DASH 30'-10')
 - 3 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (YELLOW)
 - 4 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE YELLOW)
 - 5 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 6" (WHITE SKIP-DASH 6'-2')
 - 6 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 8" (WHITE)
 - 7 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 12" (WHITE)
 - 8 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 12" (YELLOW)
 - 9 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 24" (WHITE)
 - 10 MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (WHITE)
- RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY CRYSTAL



USER NAME = joshea	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/15/2026	CHECKED -	REVISED -
	DATE = 04/30/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN			
ILLINOIS ROUTE 120			
SCALE: 1"=50'	SHEET 5	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	350
			CONTRACT NO.	62U72
		ILLINOIS	FED. AID PROJECT	

EXISTING SIGN SCHEDULE

SIGN I.D.	LOCATION	EXISTING		PROPOSED		MUTCD or IDOT SIGN DESIGNATION	SIGN DESCRIPTION	EXISTING MOUNTING TYPE	PROPOSED MOUNTING TYPE	EXISTING PANEL DIMENSIONS		EX PANEL AREA (SF)	72400100 REMOVE SIGN PANEL ASSEMBLY TYPE A (EACH)	72400500 RELOCATE SIGN PANEL ASSEMBLY TYPE A (EACH)	72400710 RELOCATE SIGN PANEL TYPE 1 (SQ FT)	72800100 TELES STEEL SIGN SUPPORT (FT)	72900200 METAL POST TYPE B (FT)
		STATION	OFFSET	STATION	OFFSET					WIDTH (IN)	HEIGHT (IN)						
100	IL 31	397+33	LT	397+33	LT	R3-5R	MANDATORY LANE CONTROL - RIGHT	METAL	TELESCOPING	30	36	7.50		1		16	
101	IL 31	398+50	LT	398+50	LT	M2-1	JUNCTION	TELESCOPING	TELESCOPING	21	15	2.19		1		20.75	
102						M1-6	COUNTY ROUTE SIGN - MCHENRY COUNTY A32			30	24	5.00					
103						D3-1	STREET NAME (1-LINE) - Miller Rd			24	12	2.00					
104						M5-1L	ADVANCE TURN ARROW - LEFT			21	15	2.19					
105						D3-1	STREET NAME (1-LINE) - Bull Valley Rd			30	12	2.50					
106						M5-1R	ADVANCE TURN ARROW - RIGHT			21	15	2.19					
107	IL 31	401+80	RT	401+70	RT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25		1		15.5	
108	IL 31	403+71	RT	403+71	RT	R3-1	MOVEMENT PROHIBITION - RIGHT TURN	TELESCOPING	TELESCOPING	24	24	4.00		1		16.5	
109	IL 31	405+50	RT	405+50	RT	R7-1	NO PARKING ANY TIME	TELESCOPING	TELESCOPING	12	18	1.50		1		15	
110						R3-1	MOVEMENT PROHIBITION - RIGHT TURN			24	24	4.00					
111	IL 31	405+77	RT	405+80	RT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25		1		18.5	
112	IL 31	405+81	LT			R3-5R	MANDATORY LANE CONTROL - RIGHT	TELESCOPING		30	36	7.50					
113						R2-1	SPEED LIMIT - 45 MPH			24	30	5.00					
114	IL 31	409+27	RT			R3-5R	MANDATORY LANE CONTROL - RIGHT	TELESCOPING		30	36	7.50	1				
115	IL 31	410+27	LT	410+10	LT	D3-1	STREET NAME (1-LINE) - Rt 31	TELESCOPING	TELESCOPING	24	12	2.00		1		15	
116						D3-1	STREET NAME (1-LINE) - Dartmoor Dr			24	12	2.00					
117	IL 31	410+27	LT	410+20	LT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25		1		15.5	
118	IL 31	410+97	RT	411+11	RT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25				15.5	
119	IL 31	411+10	LT	411+06	LT	W14-2	NO OUTLET	TELESCOPING	TELESCOPING	30	30	6.25				16.5	
120	IL 31	411+14	RT	411+30	RT	D3-1	STREET NAME (1-LINE) Rt 31	TELESCOPING	TELESCOPING	24	12	2.00		1		15	
121						D3-1	STREET NAME (1-LINE) Park Place			30	12	2.50					
122	IL 31	411+94	LT			R3-5R	MANDATORY LANE CONTROL - RIGHT	POLE		30	36	7.50	1				
123	IL 31	413+81	RT			R3-2	MOVEMENT PROHIBITION - NO LEFT TURN	TELESCOPING		24	24	4.00	1				
124	IL 31	414+26	LT			R1-1	STOP	METAL		30	30	6.25	1				
125	IL 31	414+67	LT			R3-2	MOVEMENT PROHIBITION - NO LEFT TURN	TELESCOPING		24	24	4.00	1				
126	IL 31	415+80	LT			R3-5R	MANDATORY LANE CONTROL - RIGHT	POLE		30	36	7.50	1				
127	IL 31	419+71	RT			R2-1	SPEED LIMIT - 40 MPH	TELESCOPING		24	30	5.00	1				
128	IL 31	419+72	LT			R2-1	SPEED LIMIT - 40 MPH	POLE		24	30	5.00	1				
129	IL 31	429+53	LT	429+53	LT	R1-1	STOP	POLE	TELESCOPING	30	30	6.25		1		15.5	
130	IL 31	432+90	RT	432+90	RT	D3-1	STREET NAME (1-LINE) Front St	METAL	TELESCOPING	24	12	2.00		1		15	
131						D3-1	STREET NAME (1-LINE) High St			24	12	2.00					
132	IL 31	433+38	RT	433+40	RT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25		1		15.5	
133	IL 31	438+40	RT			R2-1	SPEED LIMIT - 35 MPH	TELESCOPING		24	30	5.00	1				
134	IL 31	438+44	LT			R2-1	SPEED LIMIT - 40 MPH	POLE		24	30	5.00	1				
135	IL 31	441+48	RT	441+48	RT	SPECIAL	NO TRUCKS REGISTERED 26,000 LBS OR HIGHER SINGLE OR COMBINATION	TELESCOPING	TELESCOPING	24	30	5.00		1		15.5	
136						SPECIAL	LILLIAN STREET	TELESCOPING	TELESCOPING	24	12	2.00		1		14	
137						M6-1L	DIRECTIONAL ARROW - LEFT	TELESCOPING	TELESCOPING	21	15	2.19		1		14.25	
138	IL 31	443+29	RT	443+29	RT	R1-1	STOP	METAL	TELESCOPING	30	30	6.25		1		15.5	
139	IL 31	443+37	RT	443+45	RT	D3-1	STREET NAME (1-LINE) Front St	METAL	TELESCOPING	24	12	2.00		1		15	
140						D3-1	STREET NAME (1-LINE) Anne St			24	12	2.00					
141	IL 31	443+70	RT	443+70	RT	S1-1	SCHOOL	TELESCOPING	TELESCOPING	36	36	9.00		1		17	
142						W16-9P	AHEAD			24	12	2.00					
143	IL 31	446+30	RT	446+34	RT	S1-1	SCHOOL	POLE	POLE	36	36	9.00		1		17	
144						W16-7P	DIAGONAL ARROW			24	12	2.00					
145	LILLIAN	198+67	LT	198+67	LT	R2-1	SPEED LIMIT - 25 MPH	METAL		24	30	5.00	1				
146						SPECIAL	NO TRUCKS REGISTERED 26,000 LBS OR HIGHER SINGLE OR COMBINATION			24	30	5.00					
147	LILLIAN	198+77	RT	198+77	RT	SPECIAL	DO NOT BLOCK DRIVEWAY	METAL	TELESCOPING	24	30	5.00		1		15.5	
148	LILLIAN	200+46	RT	REM & REPL	RT	R2-1	SPEED LIMIT - 25 MPH	METAL		24	30	5.00	1				
149						SPECIAL	SLOW CHILDREN			24	30	5.00					
150	IL 31	447+18	LT	447+08	LT	S1-1	SCHOOL	TRAFFIC SIGNAL POLE	TRAFFIC SIGNAL POLE	36	36	9.00		1		17	
151						W16-7P	DIAGONAL ARROW			24	12	2.00					
152	IL 31	448+87	LT	448+78	LT	R3-5R	MANDATORY LANE CONTROL - RIGHT	TELESCOPING	TELESCOPING	24	30	5.00		1		18	
153						R5-1	DO NOT ENTER			30	30	6.25					
154	IL 31	448+89	LT	448+90	LT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25		1		15.5	
155	IL 31	449+11	LT	449+13	LT	R3-2	MOVEMENT PROHIBITION - NO LEFT TURN	TELESCOPING	TELESCOPING	24	24	4.00		1		15	
156	IL 31	449+81	LT	449+76	LT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25		1		15.5	
157	IL 31	449+81	LT	449+56	LT	D3-1	STREET NAME (1-LINE) Front St	METAL	TELESCOPING	24	12	2.00		1		15	
158						D3-1	STREET NAME (1-LINE) Oak Ave			24	12	2.00					
159	IL 31	450+15	RT	450+20	RT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25		1		15.5	
160	IL 31	450+30	RT	450+30	RT	D3-1	STREET NAME (1-LINE) Front St	METAL	TELESCOPING	24	12	2.00		1		15	
161						D3-1	STREET NAME (1-LINE) Oak Ave			24	12	2.00					
162	IL 31	450+87	LT	450+87	LT	SPECIAL	NO TRUCKS REGISTERED 26,000 LBS OR HIGHER SINGLE OR COMBINATION	TELESCOPING	TELESCOPING	24	30	5.00		1		17.75	
163						SPECIAL	LILLIAN STREET			24	12	2.00					
164						M6-1R	DIRECTIONAL ARROW - RIGHT			21	15	2.19					
165	IL 31	451+58	LT	451+58	LT	S1-1	SCHOOL	TELESCOPING	TELESCOPING	36	36	9.00		1		17	
166						W16-9P	AHEAD			24	12	2.00					
167	IL 31	452+76	RT	452+84	RT	D3-1	STREET NAME (1-LINE) Front St	METAL	TELESCOPING	24	12	2.00		1		15	
168						D3-1	STREET NAME (1-LINE) Kane Ave			24	12	2.00					
169	IL 31	453+04	LT	452+99	LT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25		1		15.5	
170	IL 31	453+40	RT	453+41	RT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25		1		15.5	

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USER NAME = Joshua	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/15/2026	CHECKED -	REVISED -
	DATE - 04/30/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING SIGN SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	351
CONTRACT NO.			62U72	
ILLINOIS FED. AID PROJECT				

EXISTING SIGN SCHEDULE

SIGN I.D.	LOCATION	EXISTING		PROPOSED		MUTCD or IDOT SIGN DESIGNATION	SIGN DESCRIPTION	EXISTING MOUNTING TYPE	PROPOSED MOUNTING TYPE	EXISTING PANEL DIMENSIONS		EX PANEL AREA (SF)	72400100 REMOVE SIGN PANEL ASSEMBLY TYPE A (EACH)	72400500 RELOCATE SIGN PANEL ASSEMBLY TYPE A (EACH)	72400710 RELOCATE SIGN PANEL TYPE 1 (SQ FT)	72800100 TELES STEEL SIGN SUPPORT (FT)	72900200 METAL POST TYPE B (FT)
		STATION	OFFSET	STATION	OFFSET					WIDTH (IN)	HEIGHT (IN)						
										WIDTH (IN)	HEIGHT (IN)						
171	IL 31	453+60	LT	453+60	LT	D3-1	STREET NAME (1-LINE) Front St	METAL	TELESCOPING	24	12	2.00					
172						D3-1	STREET NAME (1-LINE) Kane Ave			24	12	2.00		1		15	
173	IL 31	455+74	RT			R2-1	SPEED LIMIT - 30 MPH	TELESCOPING		24	30	5.00	1				
174	IL 31	455+76	LT			R2-1	SPEED LIMIT - 35 MPH	TELESCOPING		24	30	5.00	1				
175	IL 31	456+16	LT	456+16	LT	D3-1	STREET NAME (1-LINE) Front St	METAL	TELESCOPING	24	12	2.00		1		15	
176						D3-1	STREET NAME (1-LINE) - Meadow Lane			24	12	2.00					
177	IL 31	456+26	LT	456+20	LT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25		1		15.5	
178	IL 31	456+95	RT	457+02	RT	R3-9b	TWO-WAY LEFT TURN ONLY (POST-MOUNTED)	TELESCOPING	LIGHT POLE	24	36	6.00		1		16	
179	IL 31	458+63	LT	458+63	LT	R1-1	STOP	METAL	TELESCOPING	30	30	6.25		1		15.5	
180	IL 31	462+59	RT			R2-1	SPEED LIMIT - 30 MPH	TELESCOPING		24	30	5.00	1				
181				462+69	RT	R7-1	NO PARKING ANY TIME		LIGHT POLE	12	18	1.50			1.50		
182	IL 31	463+34	LT			R2-1	SPEED LIMIT - 30 MPH	METAL		24	30	5.00	1				
183	IL 31	465+81	LT	466+30	LT	R3-9b	TWO-WAY LEFT TURN ONLY (POST-MOUNTED)	TELESCOPING	TELESCOPING	24	36	6.00			6.00		
184	IL 31	469+20	RT			W11-2	PEDESTRIAN	POLE		30	30	6.25	1				
185				469+70	RT	W16-9P	AHEAD			24	12	2.00			2.00		
186				470+12	RT	D3-1	STREET NAME (1-LINE) Front St			24	12	2.00			2.00		
187	IL 31	470+11	RT			D3-1	STREET NAME (1-LINE) John St	POLE		30	12	2.50	1		2.50		
188						D1-3R	DESTINATION - McHENRY COUNTRY CLUB			24	30	5.00					
189						D1-3L	DESTINATION - McHENRY COUNTRY CLUB			24	30	5.00					
190	IL 31	470+12	LT	470+12	LT	R7-8	HANDICAPPED RESERVED PARKING W/ TWO ARROW	TELESCOPING	TELESCOPING	12	18	1.50		1		15	
191						R7-8D	\$250 FINE			12	6	0.50					
192	IL 31	470+31	LT	470+25	LT	D3-1	STREET NAME (1-LINE) Front St	METAL	TELESCOPING	24	12	2.00		1		15	
193						D3-1	STREET NAME (1-LINE) John St			24	12	2.00					
194	IL 31	470+36	LT	470+35	LT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25		1		15.5	
195	IL 31	470+63	RT	470+59	RT	R1-1	STOP	POLE	TELESCOPING	30	30	6.25		1		15.5	
196						M2-1	JUNCTION	POLE	TELESCOPING	30	21	4.38		1		14.75	
197	IL 31	471+95	RT	471+20	RT	M1-1100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 120	POLE	TELESCOPING	36	36	9.00		1		16	
198						M1-1100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31	POLE	TELESCOPING	24	24	4.00		1		15	
199						M5-1R	ADVANCE TURN ARROW - RIGHT	POLE	TELESCOPING	21	15	2.19		1		14.25	
200	IL 31	473+28	RT			W11-2	PEDESTRIAN	TELESCOPING		30	30	6.25	1				
201				473+28	RT	W16-7P	DIAGONAL ARROW			24	12	2.00			2.00		
202	IL 31	473+44	LT	473+44	LT	R1-1	STOP	METAL	TELESCOPING	30	30	6.25		1		15.5	
203	IL 31	473+93	RT	473+97	RT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25		1		15.5	
204						SPECIAL	FIRST UNITED METHODIST CHURCH			24	8	1.33					
205	IL 31	474+00	RT	474+00	RT	D3-1	STREET NAME (1-LINE) Front St	METAL	TELESCOPING	24	12	2.00		1		15.67	
206						D3-1	STREET NAME (1-LINE) Main St			24	12	2.00					
207	IL 31	474+11	LT	474+11	LT	W11-2	PEDESTRIAN	TELESCOPING	TELESCOPING	36	36	9.00		1		18.2	
208						W16-7P	DIAGONAL ARROW			24	12	2.00					
209	IL 31	474+66	RT	474+30	RT	M1-1100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31	POLE	LIGHT POLE	24	24	4.00		1			
210						M5-6	LANE DESIGNATION - RIGHT LANE			24	18	3.00					
211	IL 31	475+49	LT	475+47	LT	R1-1	STOP	TELESCOPING		30	30	6.25	1		6.25		
212						R5-1	DO NOT ENTER			30	30	6.25					
213						W11-2	PEDESTRIAN			36	36	9.00			9.00		
214	IL 31	475+80	LT	475+80	LT	W16-9P	AHEAD	TELESCOPING		24	12	2.00	1		2.00		
215						M3-3	CARDINAL DIRECTION - SOUTH			24	12	2.00			2.00		
216						M1-1100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31			24	24	4.00			4.00		
217						R3-2	MOVEMENT PROHIBITION - NO LEFT TURN			24	24	4.00					
218	IL 31	476+67	RT	476+63	RT	R3-5R	MANDATORY LANE CONTROL - RIGHT	POLE	TELESCOPING	30	36	7.50		1		16	
219	IL 31	476+92	LT	476+58	LT	R3-5R	MANDATORY LANE CONTROL - RIGHT	POLE	TELESCOPING	30	36	7.50		1		16	
220	IL 31	477+02	RT	477+03	RT	D3-1	STREET NAME (1-LINE) Waukegan Rd	METAL	TELESCOPING	30	12	2.50		1		14	
221	IL 31	477+09	RT	477+03	RT	R5-1	DO NOT ENTER	METAL	TELESCOPING	30	30	6.25		1		15.5	
222	IL 31	477+20	RT			M1-1100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 120	TELESCOPING	TELESCOPING	24	24	4.00		1		17.05	
223				477+20	RT	M6-4	DIRECTIONAL ARROW - TWO-DIRECTION			21	15	2.19					
224	IL 31	477+20	RT	477+20	RT	M1-1100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31	TELESCOPING		24	24	4.00	1		4.00		
225						M6-1R	DIRECTIONAL ARROW - RIGHT			21	15	2.19					
226	IL 120	297+53	RT	298+00	RT	R2-1	SPEED LIMIT - 30 MPH	POLE	TELESCOPING	30	36	7.50		1		16	
227	IL 120	297+91	RT			SPECIAL	RIGHT TURN LANE	POLE		24	24	4.00	1				
228						M1-1100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 120			24	24	4.00					
229						M6-3	DIRECTIONAL ARROW - THROUGH			21	15	2.19					
230						M3-1	CARDINAL DIRECTION - NORTH			24	12	2.00					
231	IL 120	298+68	RT	298+64	RT	M1-1100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31	TELESCOPING	LIGHT POLE	24	24	4.00		1			
232						M6-3	DIRECTIONAL ARROW - THROUGH			21	15	2.19					
233						M3-3	CARDINAL DIRECTION - SOUTH			24	12	2.00					
234						M1-1100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31			24	24	4.00					
235						M6-1R	DIRECTIONAL ARROW - RIGHT			21	15	2.19					
236						M3-1	CARDINAL DIRECTION - NORTH			24	12	2.00					
237	IL 120	300+38	RT	300+26	RT	M1-1100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31	POLE	TELESCOPING	24	24	4.00		1		19	
238						M3-2	CARDINAL DIRECTION - EAST			24	12	2.00					
239						M1-1100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 120			24	24	4.00					

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USER NAME = Joshea	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/15/2026	CHECKED -	REVISED -
	DATE = 04/30/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING SIGN SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	352
CONTRACT NO.			62U72	
ILLINOIS FED. AID PROJECT				

EXISTING SIGN SCHEDULE

SIGN I.D.	LOCATION	EXISTING		PROPOSED		MUTCD or IDOT SIGN DESIGNATION	SIGN DESCRIPTION	EXISTING MOUNTING TYPE	PROPOSED MOUNTING TYPE	EXISTING PANEL DIMENSIONS		EX PANEL AREA (SF)	72400100	72400500	72400710	72800100	72900200
		STATION	OFFSET	STATION	OFFSET					REMOVE SIGN PANEL ASSEMBLY TYPE A	RELOCATE SIGN PANEL ASSEMBLY TYPE A		RELOCATE SIGN PANEL TYPE 1	TELES STEEL SIGN SUPPORT	METAL POST TYPE B		
										WIDTH (IN)	HEIGHT (IN)		(EACH)	(EACH)	(SQ FT)	(FT)	(FT)
240	IL 120	301+05	LT	301+20	LT	M1-100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31	POLE	TELESCOPING	24	24	4.00					
241						M6-1L	DIRECTIONAL ARROW - LEFT			21	15	2.19		1		17.05	
242	IL 31	478+15	LT	478+26	LT	M3-4	CARDINAL DIRECTION - WEST	POLE	TELESCOPING	24	12	2.00					
243						M1-100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 120			24	24	4.00		1		16.4	
244	IL 31	479+90	RT	479+90	RT	R2-1	SPEED LIMIT - 25 MPH	METAL	TELESCOPING	24	30	5.00					
245						SPECIAL	NO PARKING HERE TO CORNER			12	18	1.50		1		18	
246	IL 31	480+52	RT	480+53	RT	R1-1	STOP	METAL	TELESCOPING	30	30	6.25					
247	IL 31	480+60	RT	480+60	RT	SPECIAL	NO PARKING BETWEEN SIGNS	METAL		12	18	1.50	1				
	LILLIAN	198+06	LT	198+06	LT	SPECIAL	WARNING - UNAUTHORIZED VEHICLES WILL BE TOWED	METAL	METAL	30	24	5.00		1			13
249	LILLIAN	198+38	RT			SPECIAL	NO PARKING HERE TO CORNER	METAL		12	18	1.50	1				
250	IL 120	292+89	LT	292+89	LT	D3-1	STREET NAME (1-LINE) Elm St	METAL	TELESCOPING	24	12	2.00					15
251						D3-1	STREET NAME (1-LINE) Borden St			24	12	2.00		1			
252	IL 120	292+93	LT	292+94	LT	R1-1	STOP	POLE	METAL	30	30	6.25					13.5
253	IL 120	293+26	RT	293+15	RT	R2-1	SPEED LIMIT - 30 MPH	POLE	TELESCOPING	30	36	7.50					16
254	IL 120	293+62	RT	293+70	RT	R1-1	STOP	POLE	METAL	30	30	6.25					13.5
255	IL 120	294+60	LT	294+65	LT	W10-1	GRADING CROSSING ADVANCED WARNING	TELESCOPING	LIGHT POLE	36		7.07					
256	IL 120	294+94	RT	294+94	RT	R1-1	STOP	TELESCOPING	METAL	30	30	6.25					13.5
257	IL 120	295+46	RT	295+46	RT	M2-1	JUNCTION	TELESCOPING	TELESCOPING	21	15	2.19					
258						M1-100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31			24	24	4.00		1		16.25	
259	IL 120	296+21	LT	296+21	LT	R1-1	STOP	METAL	TELESCOPING	30	30	6.25					
260						R3-5R	MANDATORY LANE CONTROL - RIGHT			24	30	5.00		1		18	
261						R5-1	DO NOT ENTER			30	30	6.25					
262	IL 120	296+89	RT			R3-2	MOVEMENT PROHIBITION - LEFT TURN	TELESCOPING		24	24	4.00	1				
263	IL 120	297+14	RT	297+16	RT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25					
264						R3-5R	MANDATORY LANE CONTROL - RIGHT			24	30	5.00		1		18	
265						R5-1	DO NOT ENTER			30	30	6.25					
266	IL 120	302+09	LT	302+10	LT	SPECIAL	SHARE THE DRIVE RIDESHARE	TELESCOPING	TELESCOPING	36	30	7.50					15.5
267	IL 120	302+65	RT	302+65	RT	R2-1	SPEED LIMIT - 30 MPH	POLE	LIGHT POLE	30	36	7.50					
268	IL 120	303+97	RT	303+97	RT	M1-100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31	POLE	LIGHT POLE	24	24	4.00					
269						M5-4	LEFT LANE			24	18	3.00		1			
270	IL 120	305+63	LT	305+63	LT	M1-100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31	POLE	LIGHT POLE	24	24	4.00					
271						M6-1L	DIRECTIONAL ARROW - LEFT			21	15	2.19		1			
272	IL 120	307+34	RT	307+34	RT	M1-100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31	POLE	LIGHT POLE	24	24	4.00					
273						M5-1L	ADVANCE TURN ARROW - LEFT			21	15	2.19		1			
274	IL 120	308+72	RT	309+50	RT	SPECIAL	DOUBLE LEFT TURN ONLY DOUBLE THROUGH ONLY	POLE	TELESCOPING	72	36	18.00					16
275	IL 120	309+50	RT	309+41	RT	D3-1	STREET NAME (1-LINE) Elm St	TELESCOPING	TELESCOPING	24	12	2.00					
276						D3-1	STREET NAME (1-LINE) 3rd St			24	12	2.00		1		15	
277	IL 120	309+68	LT	309+68	LT	M1-100	STATE ROUTE MARKER (INDEPENDENT MOUNT) - IL 31	POLE	LIGHT POLE	24	24	4.00					
278						M5-1L	ADVANCE TURN ARROW - LEFT			21	15	2.19		1			
279	IL 120	309+81	LT	309+78	LT	R1-1	STOP	METAL	METAL	30	30	6.25					13.5
280	IL 120	309+95	RT	309+97	RT	R1-1	STOP	TELESCOPING	TELESCOPING	30	30	6.25					15.5
281	IL 120	309+95	RT	310+04	RT	D3-1	STREET ANEM (2-LINES) HONORARY Tom Sullivan Way	TELESCOPING	TELESCOPING	30	12	2.50					14
282	IL 120	310+03	RT	310+03	RT	W11-8	FIRE STATION	POLE	LIGHT POLE	36	36	9.00					
283	IL 120	310+20	LT	310+20	LT	R5-2	NO TRUCKS	TELESCOPING	TELESCOPING	24	24	4.00					15
284	IL 120	310+22	LT	310+25	LT	D3-1	STREET NAME (1-LINE) Elm St	TELESCOPING	TELESCOPING	24	12	2.00					
285						D3-1	STREET NAME (1-LINE) Millstream Dr			30	12	2.50		1		15	
TOTALS													27	87	44	1189	67

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	DRAWN -	REVISED -
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PLOT DATE = 1/15/2026	DATE - 04/30/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING SIGN SCHEDULE

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	353
			CONTRACT NO. 62U72	
ILLINOIS FED. AID PROJECT				

PROPOSED SIGN SCHEDULE

SIGN I.D.	LOCATION	PROPOSED		MUTCD or IDOT SIGN DESIGNATION	SIGN DESCRIPTION	PROPOSED MOUNTING TYPE	PROPOSED PANEL DIMENSIONS		72000100	72000200	72800100	72900100	
		STATION	OFFSET				SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	TELES STEEL SIGN SUPPORT	METAL POST TYPE A			
									(SF)	(SF)	(FT)	(FT)	
WIDTH (IN)	HEIGHT (IN)	(SF)	(SF)	(FT)	(FT)								
500	IL 31	401+80	MEDIAN	R4-7	KEEP RIGHT	TELESCOPING	24	30	5.00		15.5		
501				SPECIAL	U-TURN OR LEFT-TURN (SYMBOL)		24	30	5.00		15.5		
502	IL 31	405+81	LT	R2-1	SPEED LIMIT - 45 MPH	TELESCOPING	30	36	7.50		16		
503	IL 31	410+06	MEDIAN	SPECIAL	U-TURN OR LEFT-TURN (SYMBOL)	TELESCOPING	24	30	5.00		15.5		
504				R4-7	KEEP RIGHT		24	30	5.00		15.5		
505	IL 31	411+35	MEDIAN	R4-7	KEEP RIGHT	TELESCOPING	24	30	5.00		15.5		
506				SPECIAL	U-TURN OR LEFT-TURN (SYMBOL)		24	30	5.00		15.5		
507	IL 31	414+34	LT	R1-1	STOP	TELESCOPING	30	30	6.25		18.5		
508				R3-5R	MANDATORY LANE CONTROL - RIGHT		30	36	7.50		18.5		
509	IL 31	414+50	RT	R2-1	SPEED LIMIT - 40 MPH	TELESCOPING	30	36	7.50		16		
510	IL 31	420+88	MEDIAN	SPECIAL	U-TURN OR LEFT-TURN (SYMBOL)	TELESCOPING	24	30	5.00		15.5		
511				R4-7	KEEP RIGHT		24	30	5.00		15.5		
512	IL 31	421+81	MEDIAN	R4-7	KEEP RIGHT	TELESCOPING	24	30	5.00		15.5		
513				R3-1102	U-TURN (SYMBOL) ONLY		24	30	5.00		15.5		
514	IL 31	427+15	MEDIAN	SPECIAL	U-TURN OR LEFT-TURN (SYMBOL)	TELESCOPING	24	30	5.00		15.5		
515				R4-7	KEEP RIGHT		24	30	5.00		15.5		
516	IL 31	428+00	MEDIAN	R4-7	KEEP RIGHT	TELESCOPING	24	30	5.00		15.5		
517	IL 31	432+65	MEDIAN	SPECIAL	U-TURN OR LEFT-TURN (SYMBOL)	TELESCOPING	24	30	5.00		15.5		
518				R4-7	KEEP RIGHT		24	30	5.00		15.5		
519	IL 31	438+44	LT	R2-1	SPEED LIMIT - 40 MPH	TELESCOPING	30	36	7.50		16		
520	LILLIAN	198+67	LT	R2-1	SPEED LIMIT - 25 MPH	TELESCOPING	24	30	5.00		15.5		
521	GROVE	200+94	RT	R2-1	SPEED LIMIT - 25 MPH	TELESCOPING	24	30	5.00		18		
522				SPECIAL	SLOW CHILDREN		24	30	5.00		18		
523	IL 31	455+65	LT	R2-1	SPEED LIMIT - 35 MPH	LIGHT POLE	30	36	7.50				
524	IL 31	455+65	RT	R2-1	SPEED LIMIT - 30 MPH	LIGHT POLE	30	36	7.50				
525	IL 31	462+69	RT	R2-1	SPEED LIMIT - 30 MPH	TELESCOPING	30	36	7.50		16		
526	IL 31	463+34	LT	R2-1	SPEED LIMIT - 30 MPH	LIGHT POLE	30	36	7.50				
527	IL 31	469+70	RT	W11-2	PEDESTRIAN	LIGHT POLE	36	36	9.00				
528	IL 31	470+12	RT	D1-3R	DESTINATION - McHENRY COUNTRY CLUB	TELESCOPING	42	42		12.25	20		
529				D1-3L	DESTINATION - McHENRY COUNTRY CLUB		42	42		12.25	20		
530	IL 31	470+75	RT	R3-7R	MANDATORY LANE CONTROL - RIGHT	UTILITY POLE	36	36	9.00				
531	IL 31	473+28	RT	W11-2	PEDESTRIAN	TELESCOPING	36	36	9.00		17.2		
532	IL 31	475+47	LT	R5-1	DO NOT ENTER	TELESCOPING	36	36	9.00		16		
533	IL 31	475+80	LT	R3-2	MOVEMENT PROHIBITION - NO LEFT TURN	TELESCOPING	36	36	9.00		24.2		
534	IL 31	477+03	RT	D3-1	STREET NAME (1-LINE) Front St	TELESCOPING	24	12	2.00		14		
535	IL 31	477+20	RT	M6-1R	DIRECTIONAL ARROW - RIGHT	TELESCOPING	21	15	2.19		14.25		
536	IL 120	297+65	RT	R3-1100a	RIGHT TURN LANE	LIGHT POLE	24	24	4.00				
537	IL 120	299+03	MEDIAN	SPECIAL	U-TURN OR LEFT-TURN (SYMBOL)	TELESCOPING	24	30	5.00		15.5		
538				R4-7	KEEP RIGHT		24	30	5.00		15.5		
539	IL 120	300+98	MEDIAN	R4-7	KEEP RIGHT	TELESCOPING	24	30	5.00		15.5		
540				SPECIAL	ADVANCED INTERSECTION LANE CONTROL		36	30	7.50		15.5		
541	IL 31	480+60	RT	R7-1L	NO PARKING ANYTIME	METAL	12	18	1.50			12	
542	LILLIAN	198+38	RT	SPECIAL	NO PARKING HERE TO CORNER	TELESCOPING	12	18	1.50		14.5		
543	IL 120	292+91	MEDIAN	R4-7	KEEP RIGHT	TELESCOPING	24	30	5.00				
544	IL 120	293+69	MEDIAN	R4-7	KEEP RIGHT	TELESCOPING	24	30	5.00				
545	IL 120	296+89	RT	R3-2	MOVEMENT PROHIBITION - LEFT TURN	TELESCOPING	36	36	9.00		16		
546	IL 120	309+42	MEDIAN	R3-5	MANDATORY LANE CONTROL - LEFT	TELESCOPING	30	36	7.50		15.5		
547				R4-7	KEEP RIGHT		24	30	5.00		15.5		
548	IL 120	310+30	MEDIAN	R4-7	KEEP RIGHT	TELESCOPING	24	30	5.00		16		
549				R3-5	MANDATORY LANE CONTROL - LEFT		30	36	7.50		16		
550	IL 31	473+42	LT	R3-2	MOVEMENT PROHIBITION - LEFT TURN	TELESCOPING	36	36	9.00		16		
551	IL 31	473+95	RT	R3-2	MOVEMENT PROHIBITION - LEFT TURN	TELESCOPING	36	36	9.00		16		
552	IL 31	475+18	LT	R3-2	MOVEMENT PROHIBITION - LEFT TURN	TELESCOPING	36	36	9.00		16		
TOTALS										306	25	595	12

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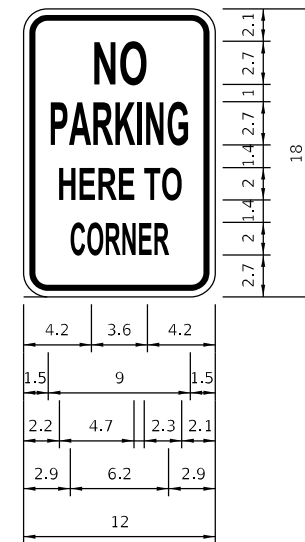
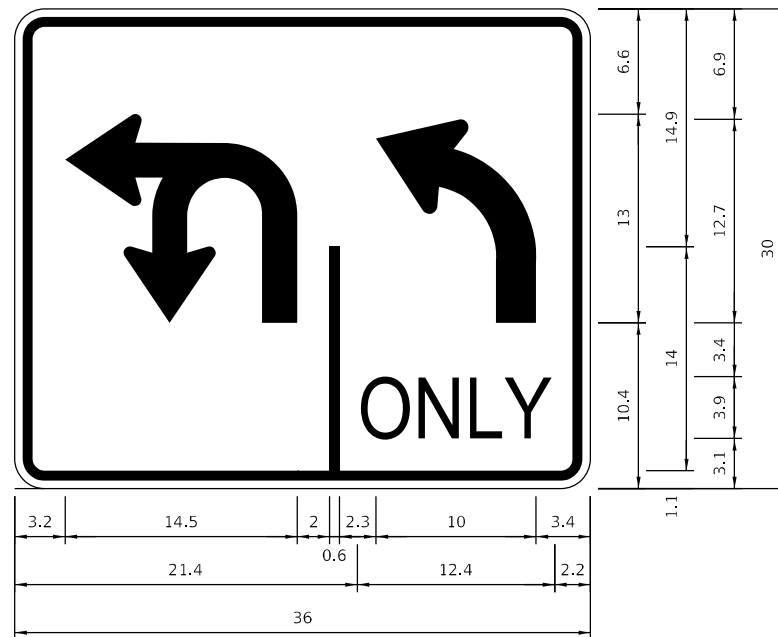
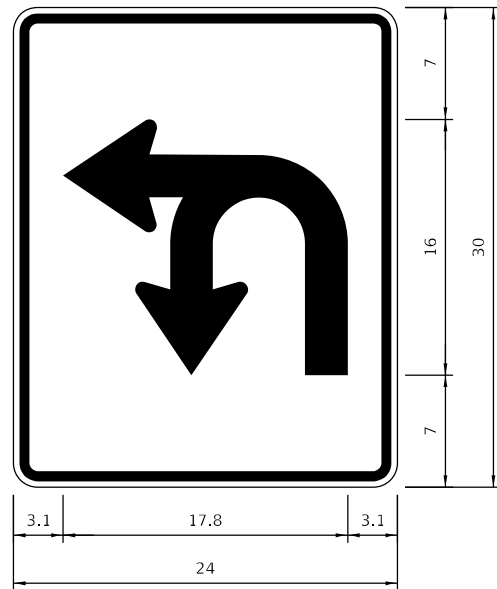
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PLOT DATE = 1/15/2026	DATE - 04/30/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED SIGN SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	354
			CONTRACT NO. 62U72	
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 1/15/2026	CHECKED -	REVISED -
	DATE - 04/30/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS

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

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	355
CONTRACT NO.			62U72	
ILLINOIS		FED. AID PROJECT		

PAY ITEM	CODED PAY ITEM DESCRIPTION	UNIT	STA 397+00 - STA 412+00		STA 412+00 - STA 425+00		STA 425+00 - STA 438+00		STA 438+00 - STA 451+00		STA 451+00 - STA 464+00		STA 464+00 - STA 475+00		STA 475+00 - STA 480+60		IL RT 120		GROVE AVENUE		DRAINAGE BASIN 01	DRAINAGE BASIN 02	TOTAL
			L	R	L	R	L	R	L	R	L	R	L	R	L	R	L	R					
25000210	SEEDING, CLASS 2A	ACRES	0.51	0.4	0.39	0.29	0.27	0.57	0.31	0.45	0.31	0.2	0.07	0.12	0.09	0.03	0.05	0.04	0.1	0.1	0.05		4.35
A2000086	TREE, ACER X FREEMAN II ARMSTRONG (ARMSTRONG FREEMAN MAPLE), 2-1/2" CALIPER BALLED AND BURLAPPED	EACH		5																			5
A2000316	TREE, ACER MIYABE MORTON (STATE STREET MIYABE MAPLE), 2" CALIPER BALLED AND BURLAPPED	EACH																					0
A2001716	TREE, ACER SACCHARUM (SUGAR MAPLE), 2" CALIPER BALLED AND BURLAPPED	EACH				2																	2
A2002516	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER BALLED AND BURLAPPED	EACH	6						2	4													12
A2002916	TREE, CILTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER BALLED AND BURLAPPED	EACH																					0
A2004416	TREE, GINKGO BILOBA (GINKGO), 2" CALIPER BALLED AND BURLAPPED	EACH				3																	3
A2004516	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2" CALIPER BALLED AND BURLAPPED	EACH																					0
A2004716	TREE, GLEDITSIA TRACANTHOSINERMIS SHADENMASTER (SHADENMASTER THORNLESS COMMON HONEYLOCUST), 2" CALIPER BALLED AND BURLAPPED	EACH																					0
A2005050	TREE, GYMNOCLADUS DIOICUS PRAIRE TITAN (PRAIRE TITAN KENTUCKY COFFEE TREE), 2-1/2" CALIPER BALLED AND BURLAPPED	EACH																					0
A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER BALLED AND BURLAPPED	EACH																					0
A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER BALLED AND BURLAPPED	EACH																					0
A2006616	TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 2" CALIPER BALLED AND BURLAPPED	EACH																					0
A2007016	TREE, QUERCUS ROBUR FASTIGIATA (FASTIGIATE ENGLISH OAK), 2" CALIPER BALLED AND BURLAPPED	EACH																					0
A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER BALLED AND BURLAPPED	EACH				3																	3
A2008468	TREE, LILY OF THE VALLEY PRINCETON (PRINCETON AMERICAN ELM), 2" CALIPER BALLED AND BURLAPPED	EACH																					0
A3005012	TREE, GYMNOCLADUS DIOICUS MORTON (SHINNY LATTE KENTUCKY COFFEE TREE), 2" CALIPER BALLED AND BURLAPPED	EACH		6																			6
B2001116	TREE, CERES CANADENSIS (EASTERN REDBUD), 2" CALIPER TREE FORM BALLED AND BURLAPPED	EACH	8																				8
B2002616	TREE, MALUS ADAMIS (ADAMS CRABAPPLE), 2" CALIPER TREE FORM BALLED AND BURLAPPED	EACH	3		3					4													10
B2006016	TREE, SYRINGA PEKINENSIS (PEKING LILAC), 2" CALIPER TREE FORM BALLED AND BURLAPPED	EACH	13		3				2	7													25
B2006316	TREE, SYRINGA RETICULATA (IVORY SILK) (IVORY SILK JAPANESE TREE LILAC), 2" CALIPER TREE FORM BALLED AND BURLAPPED	EACH	5						2														7
B2010016	TREE, AMELANCHIER CANADENSIS (SHAD BLOW SERVICE BERRY), 2" CALIPER TREE FORM BALLED AND BURLAPPED	EACH			4					2													6
B2010168	TREE, CORNUS KOUSA (KOUSA DOGWOOD), 8' HEIGHT BALLED AND BURLAPPED	EACH	3		5					4													12
B2013468	TREE, MALUS GOLDEN RAINDROPS (GOLDEN RAINDROPS CRABAPPLE), 2" CALIPER TREE FORM BALLED AND BURLAPPED	EACH	5							7													12
K0013055	PERENNIAL PLANTS, WETLAND EMERGENT	ACRE																			0.22	0.35	0.57
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE GALLON POT	UNIT																					0
X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	0.9	0.1	0.38	0.44		0.13	0.13												0.56	1.52	4.16
X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE																				0.35	0.35
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	45.9	36	35.1	26.1	24.3	51.3	27.9	40.5	27.9	18	6.3	10.8	8.1	2.7	4.5	3.6	9	9	4.5		391.5
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	45.9	36	35.1	26.1	24.3	51.3	27.9	40.5	27.9	18	6.3	10.8	8.1	2.7	4.5	3.6	9	9	4.5		391.5
X0327120	WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT	ACRE	0.9	0.1	0.38	0.44		0.13	0.13												0.56	1.87	4.51
20101700	SUPPLEMENTAL WATERING	UNIT	6.5	0.9	2.3	1.2			0.9	4.2													15.9
25200110	SODDING, SALT TOLERANT	SQ YD						1440		818		1282			560								4100

PERENNIAL PLANTS, WETLAND EMERGENT (5,000 PLANTS PER ACRE)				
% OF PLANTS	COMMON NAME	BOTANICAL NAME	SIZE	PLANTS PER ACRE
10%	Spatterdock	<i>Nuphar advena</i>	Tuber	500
10%	Sago Pondweed	<i>Stuckenia pectinata</i>	Tuber	500
20%	Pickrelweed	<i>Pontederia cordata</i>	2" Plug	1000
30%	Hardstem Bulrush	<i>Schoenoplectus acutus</i>	2" Plug	1500
30%	Chair-Maker's Rush	<i>Schoenoplectus pungens</i>	2" Plug	1500

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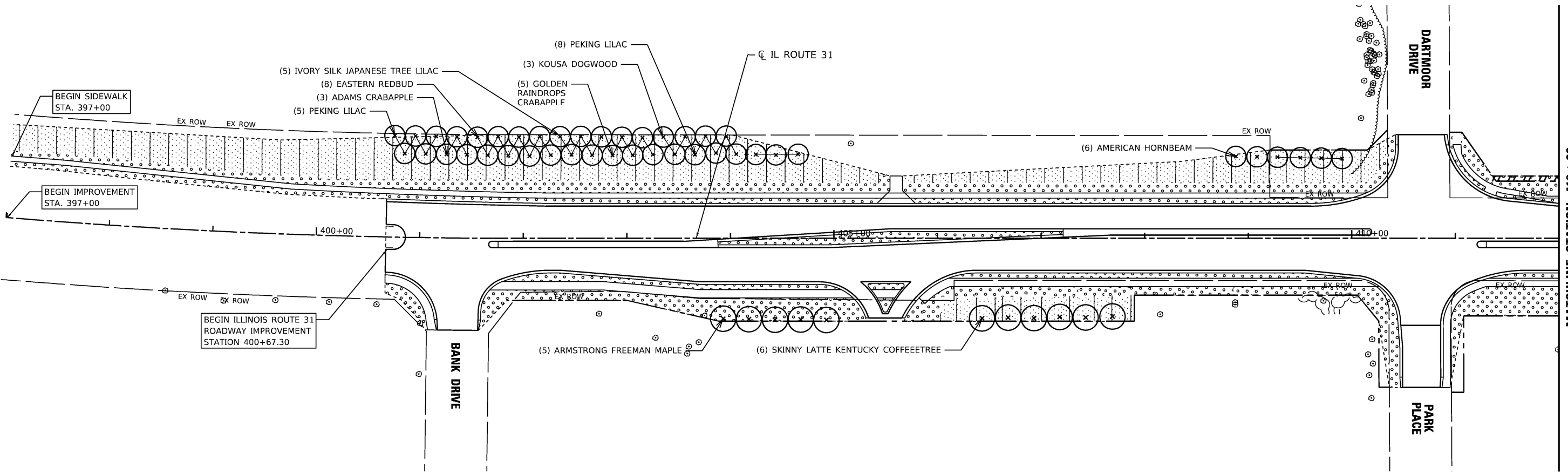
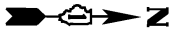
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CHECKED - HEY	REVISED -
DATE - 04/30/2024	REVISED -

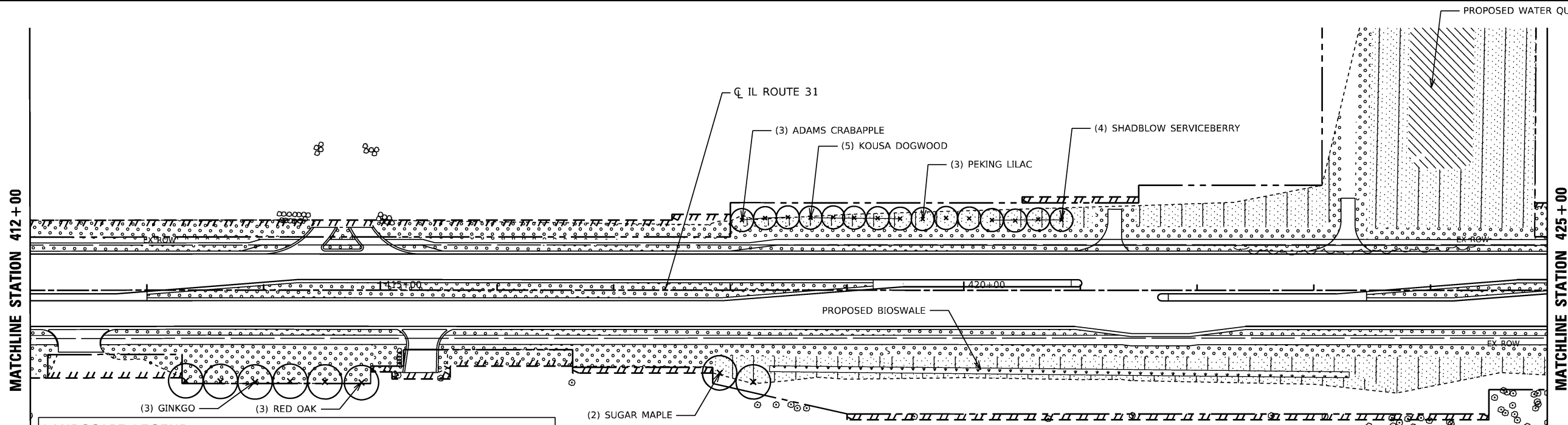
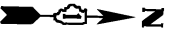
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE SCHEDULE
ILLINOIS ROUTE 31
 SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	356
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62U72	



MATCHLINE STATION 412 + 00



LANDSCAPE LEGEND			
	SEEDING, CLASS 2A		NATIVE SODDING, SPECIAL
	SEEDING, CLASS 4 (MOD) & SEEDING, CLASS 5 (MOD)		PERENNIAL PLANTS, WETLAND EMERGENT
	SEEDING, CLASS 4B (MOD)		PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT
	TREE, SPECIES VARIES, 2" CALIPER, BALLED AND BURLAPPED		

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PLOT SCALE = 100.0000' / in.	DRAWN - HEY	REVISED -
PLOT DATE = 1/20/2026	CHECKED - HEY	REVISED -
	DATE - 04/30/2024	REVISED -

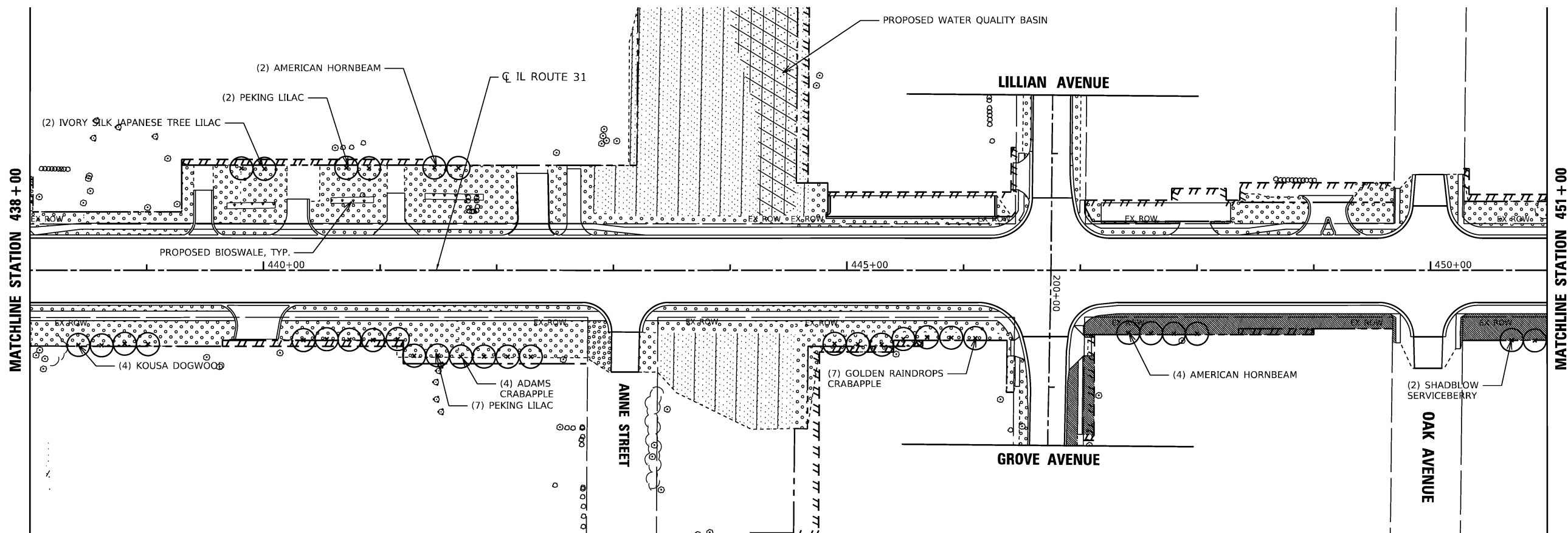
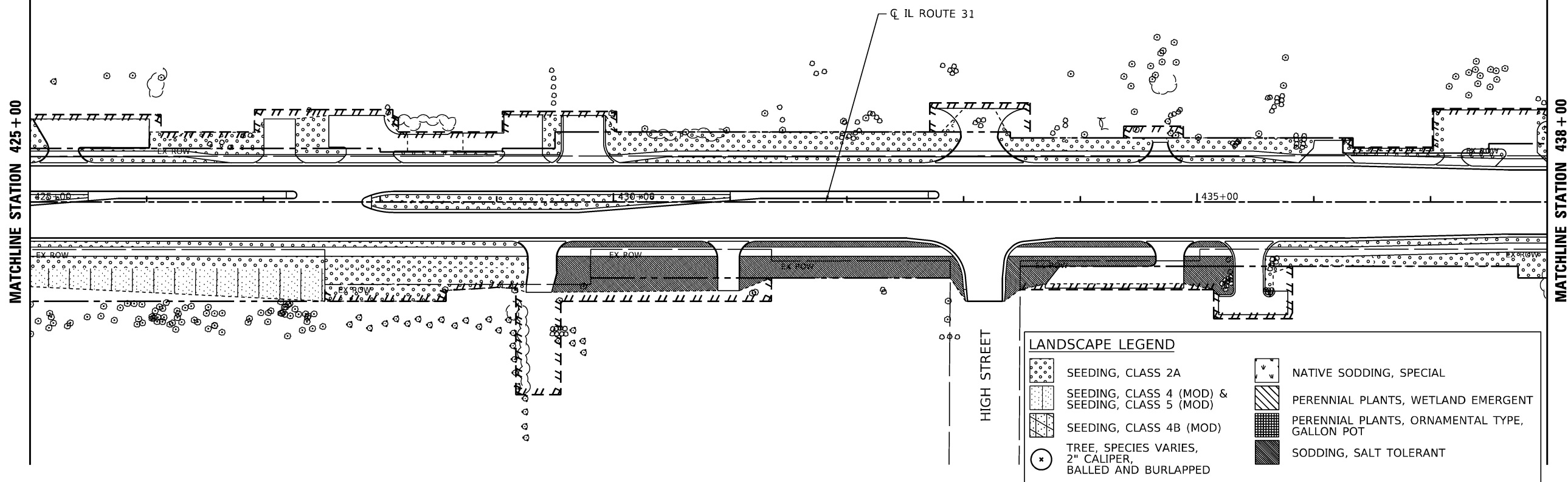
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN
ILLINOIS ROUTE 31**

SCALE: 1"=50' SHEET 1 OF 5 SHEETS STA. 397+00 TO STA. 425+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	357
			CONTRACT NO. 62U72	
		ILLINOIS FED. AID PROJECT		

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Hey and Associates, Inc.

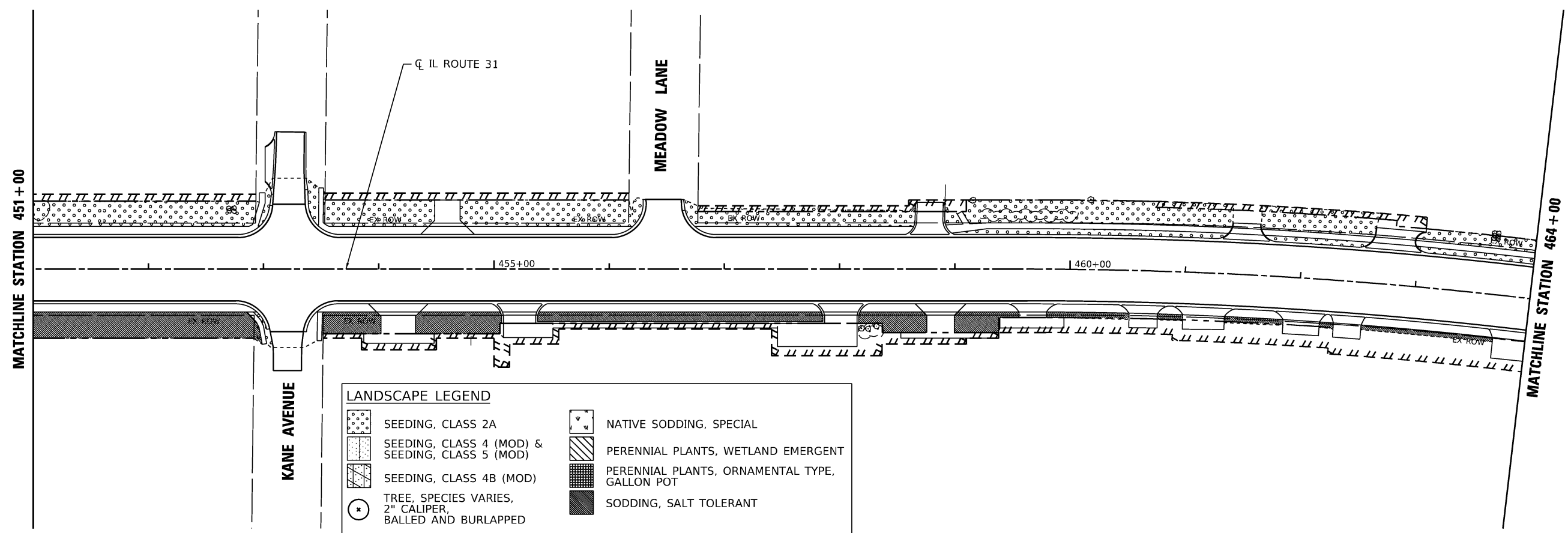
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN
ILLINOIS ROUTE 31**

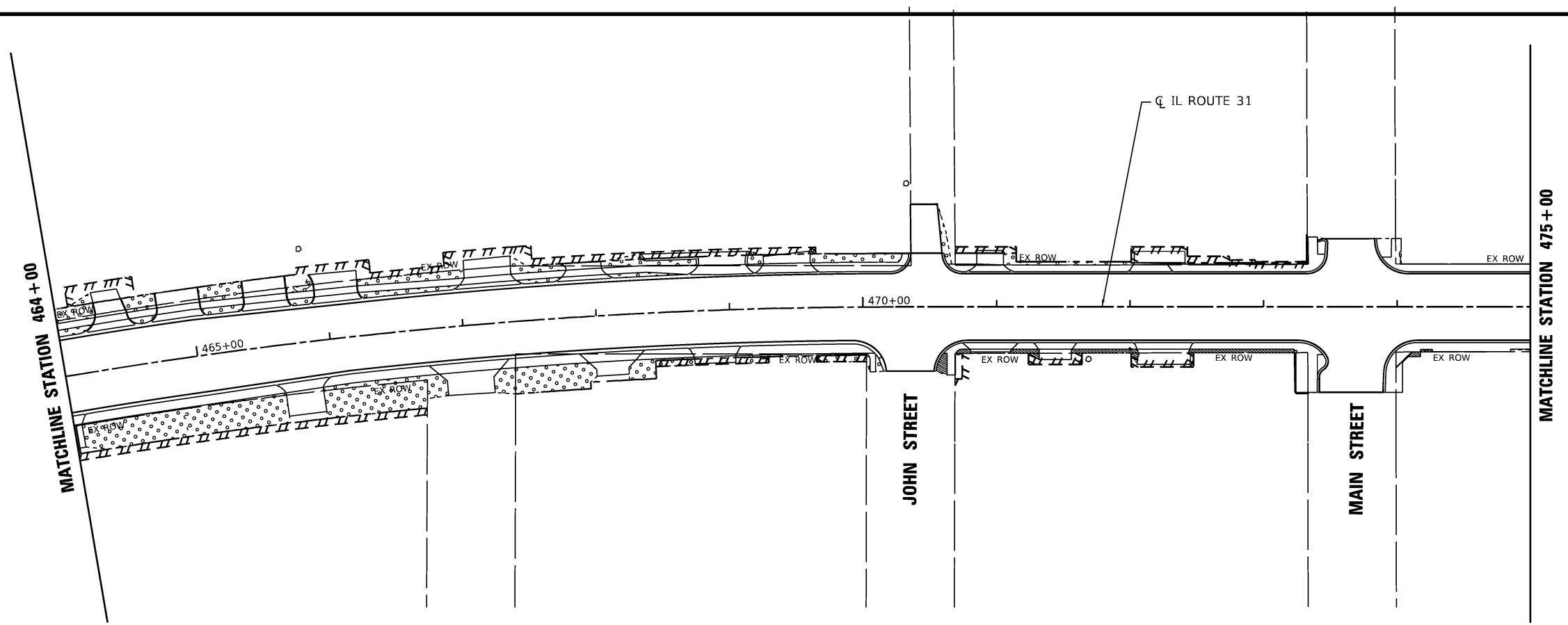
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	358
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62U72	



LANDSCAPE LEGEND

	SEEDING, CLASS 2A		NATIVE SODDING, SPECIAL
	SEEDING, CLASS 4 (MOD) & SEEDING, CLASS 5 (MOD)		PERENNIAL PLANTS, WETLAND EMERGENT
	SEEDING, CLASS 4B (MOD)		PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT
	TREE, SPECIES VARIES, 2" CALIPER, BALLED AND BURLAPPED		SODDING, SALT TOLERANT



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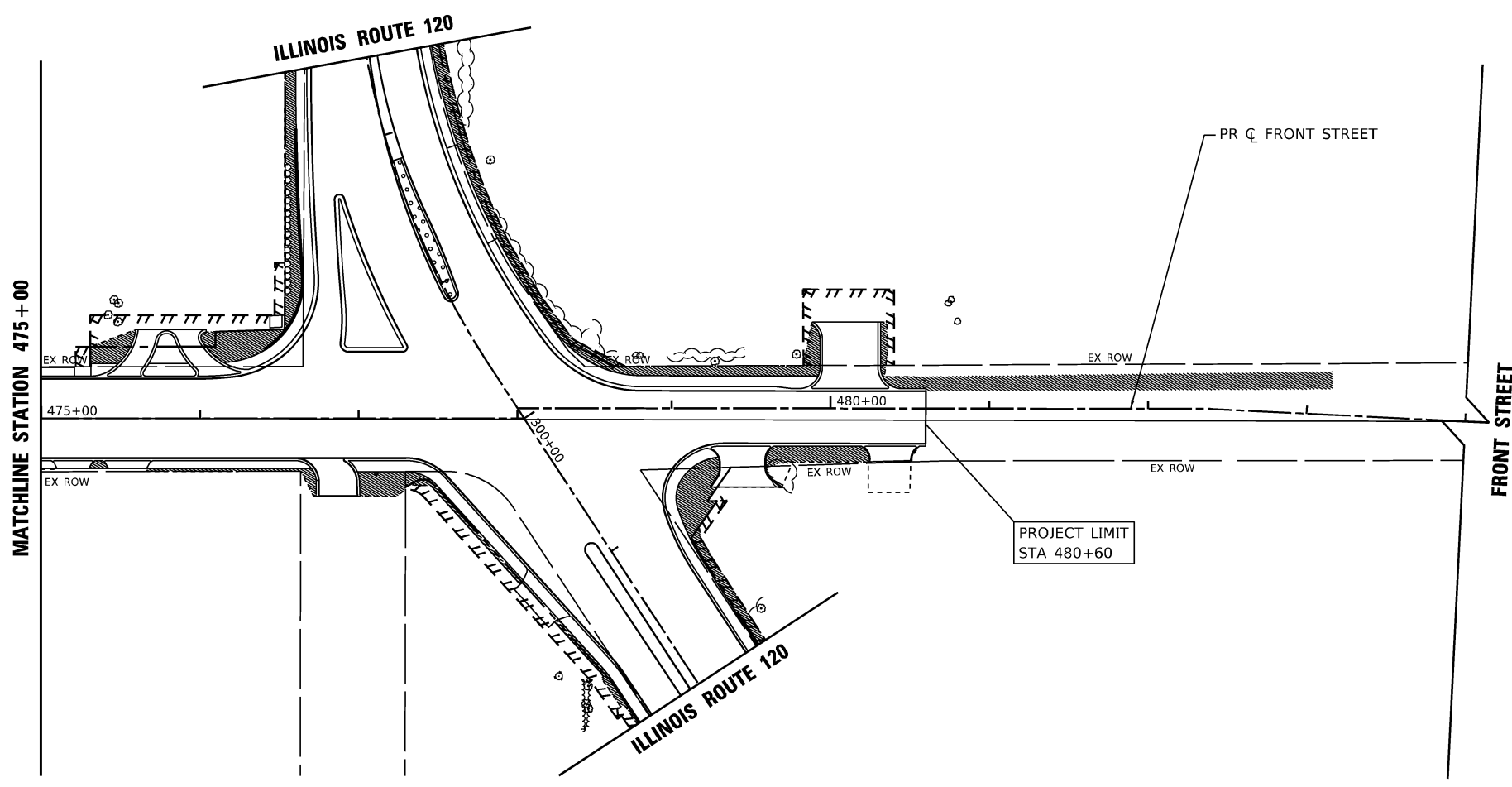
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	DATE - 04/30/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN			
ILLINOIS ROUTE 31			
SCALE: 1"=50'	SHEET 3	OF 5 SHEETS	STA. 451+00 TO STA. 475+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	359
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62U72	

Hey and Associates, Inc.



LANDSCAPE LEGEND			
	SEEDING, CLASS 2A		NATIVE SODDING, SPECIAL
	SEEDING, CLASS 4 (MOD) & SEEDING, CLASS 5 (MOD)		PERENNIAL PLANTS, WETLAND EMERGENT
	SEEDING, CLASS 4B (MOD)		PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT
	TREE, SPECIES VARIES, 2" CALIPER, BALLED AND BURLAPPED		SODDING, SALT TOLERANT

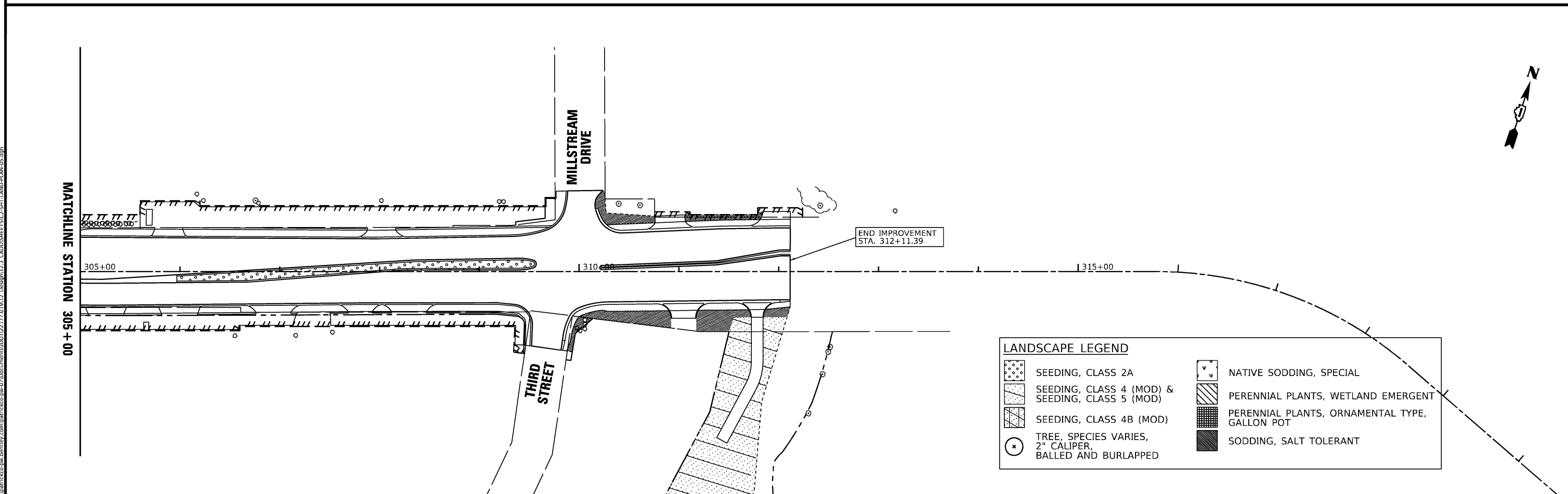
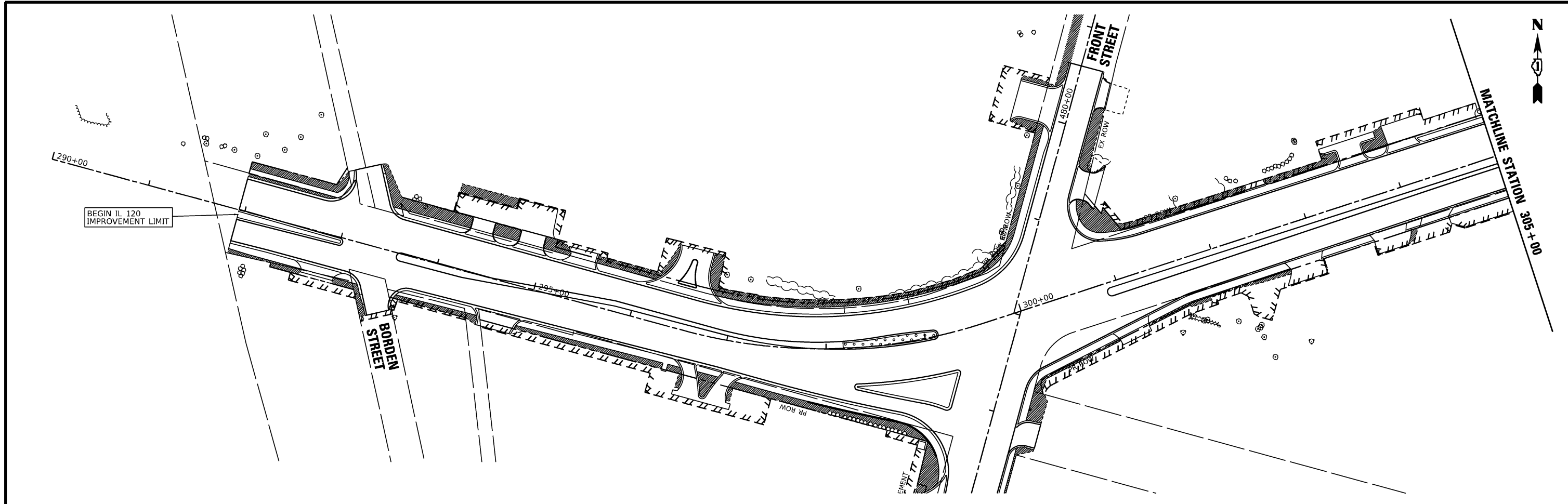
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	PLOT DATE = 1/20/2026	CHECKED - HEY	REVISED -
		DATE - 04/30/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLAN ILLINOIS ROUTE 31			
SCALE: 1"=50'	SHEET 4	OF 5 SHEETS	STA. 475+00 TO STA. 484+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	360
CONTRACT NO. 62U72			ILLINOIS FED. AID PROJECT	



LANDSCAPE LEGEND	
	SEEDING, CLASS 2A
	SEEDING, CLASS 4 (MOD) & SEEDING, CLASS 5 (MOD)
	SEEDING, CLASS 4B (MOD)
	TREE, SPECIES VARIES, 2" CALIPER, BALLED AND BURLAPPED
	NATIVE SODDING, SPECIAL
	PERENNIAL PLANTS, WETLAND EMERGENT
	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT
	SODDING, SALT TOLERANT

Hey and Associates, Inc.

USER NAME = eappegren	DESIGNED - HEY	REVISED -
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	DATE - 04/30/2024	REVISED -

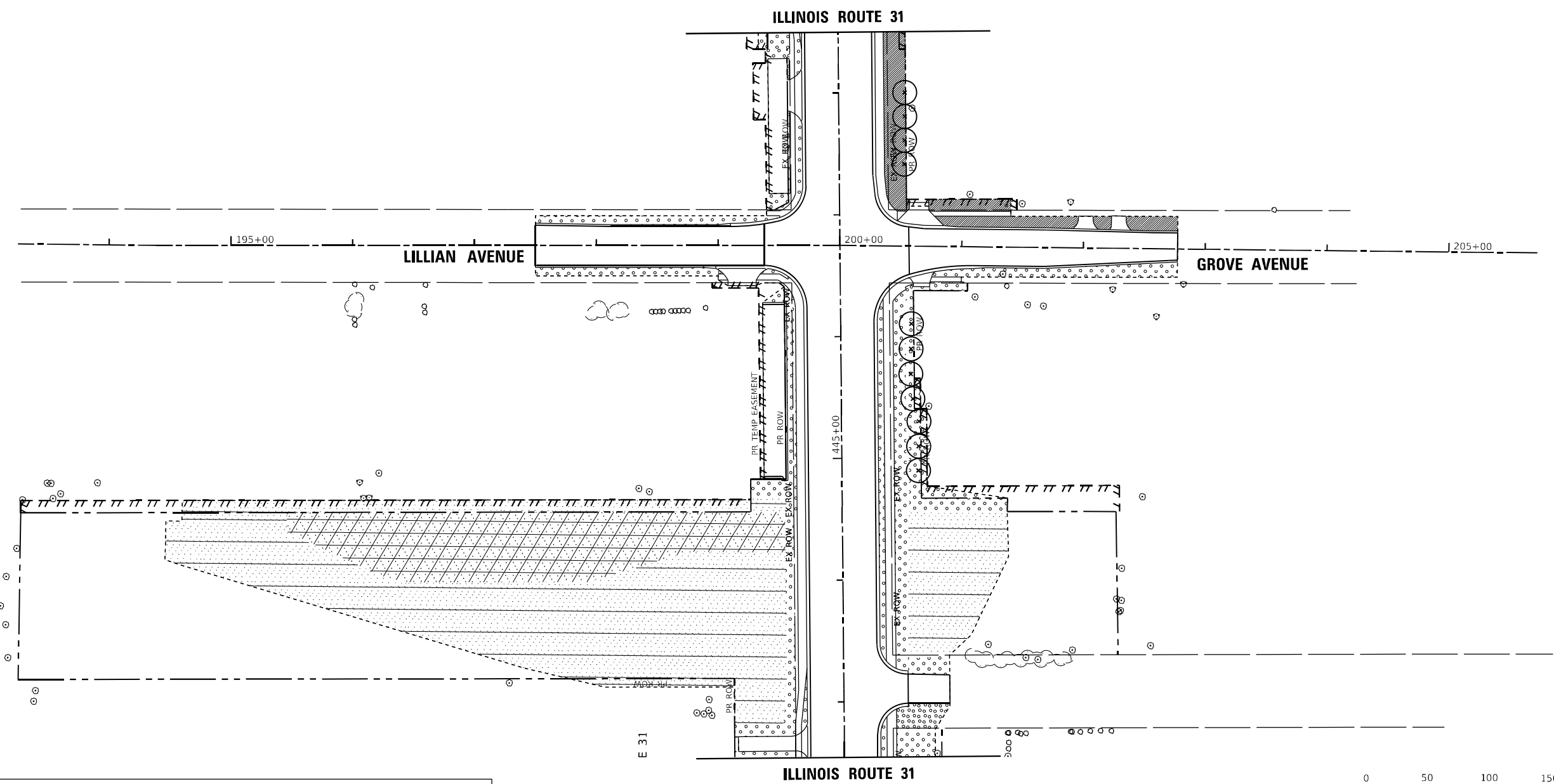
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
ILLINOIS ROUTE 120

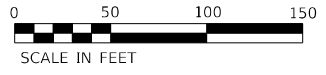
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	361
			CONTRACT NO. 62U72	
ILLINOIS FED. AID PROJECT				

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 PROJECT: ILLINOIS ROUTE 120 RECONSTRUCTION
 SHEET: 5 OF 8
 CONTRACT: 62U72



LANDSCAPE LEGEND	
	SEEDING, CLASS 2A
	SEEDING, CLASS 4 (MOD) & SEEDING, CLASS 5 (MOD)
	SEEDING, CLASS 4B (MOD)
	TREE, SPECIES VARIES, 2" CALIPER, BALLED AND BURLAPPED
	NATIVE SODDING, SPECIAL
	PERENNIAL PLANTS, WETLAND EMERGENT
	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT
	SODDING, SALT TOLERANT



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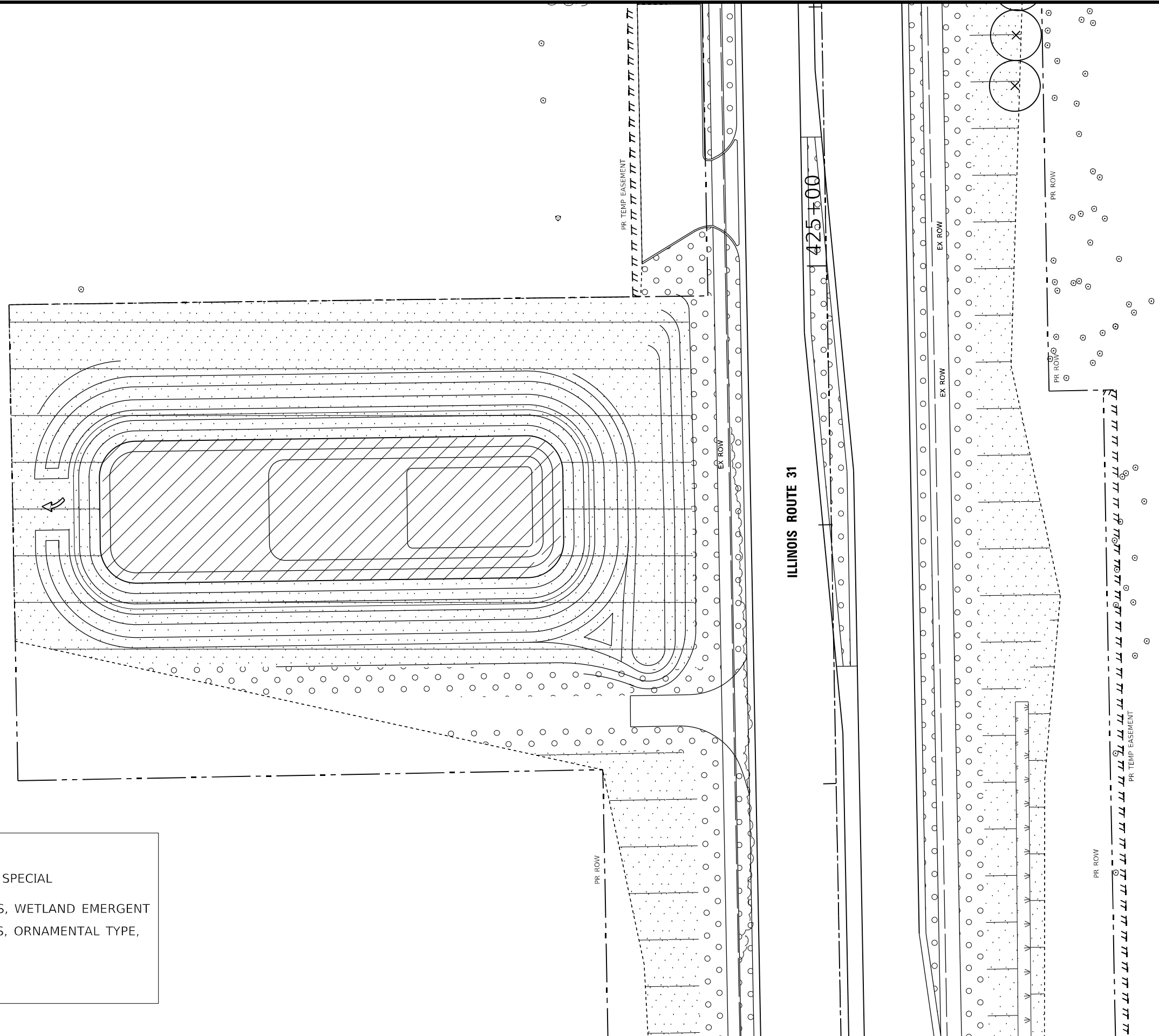
Hey and Associates, Inc.

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLAN			
LILLIAN AVENUE AND GROVE AVENUE			
SCALE: 1"=50'	SHEET 6	OF 8 SHEETS	STA. TO STA.

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	MCHENRY	575	362
				CONTRACT NO. 62U72
ILLINOIS FED. AID PROJECT				



LANDSCAPE LEGEND

	SEEDING, CLASS 2A		NATIVE SODDING, SPECIAL
	SEEDING, CLASS 4 (MOD) & SEEDING, CLASS 5 (MOD)		PERENNIAL PLANTS, WETLAND EMERGENT
	SEEDING, CLASS 4B (MOD)		PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT
	TREE, SPECIES VARIES, 2" CALIPER, BALLED AND BURLAPPED		

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Hey and Associates, Inc.

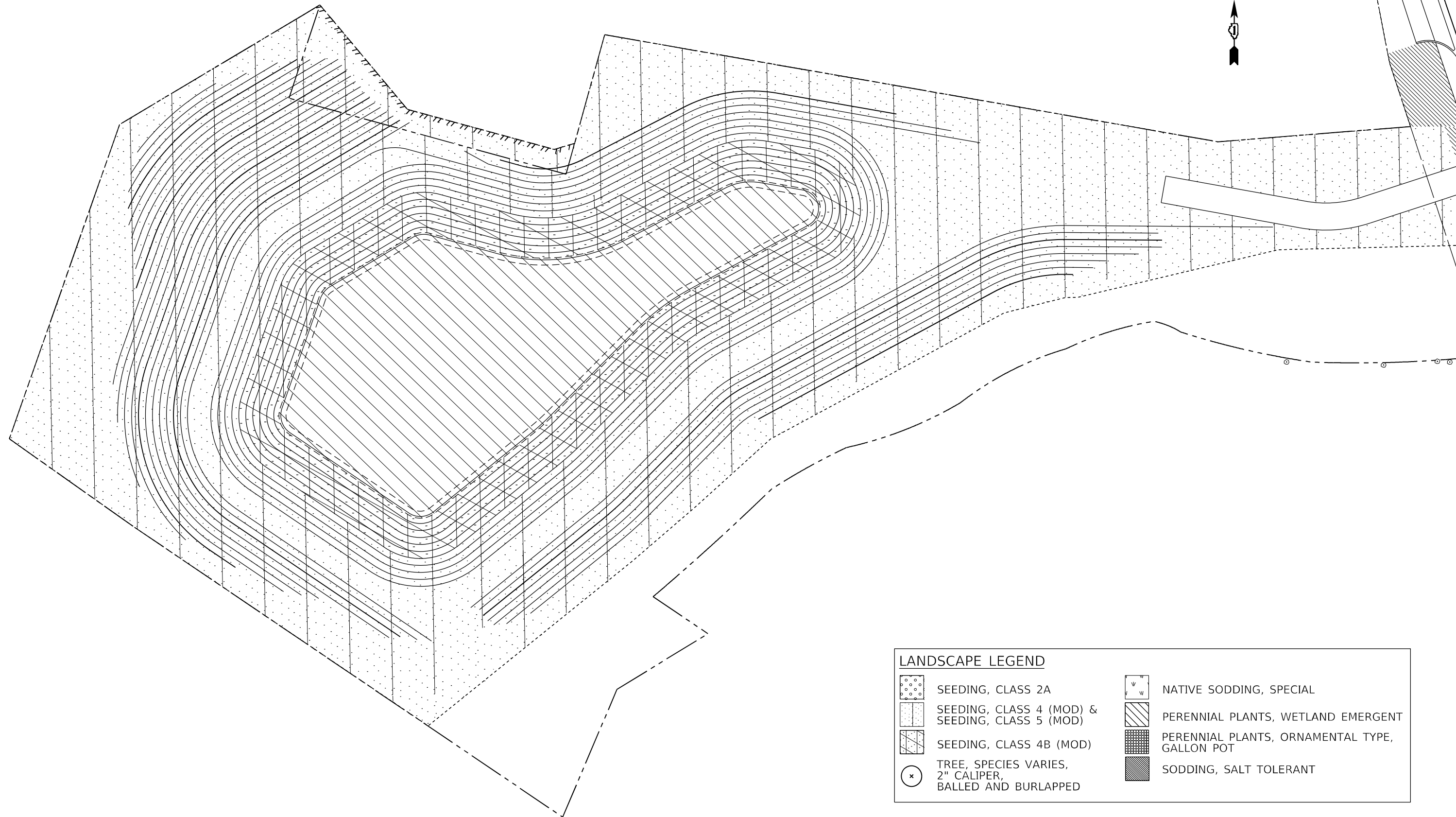
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN
DRAINAGE BASIN 01**

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	MCHENRY	575	363
CONTRACT NO. 62U72				
ILLINOIS FED. AID PROJECT				



LANDSCAPE LEGEND	
	SEEDING, CLASS 2A
	SEEDING, CLASS 4 (MOD) & SEEDING, CLASS 5 (MOD)
	SEEDING, CLASS 4B (MOD)
	TREE, SPECIES VARIES, 2" CALIPER, BALLED AND BURLAPPED
	NATIVE SODDING, SPECIAL
	PERENNIAL PLANTS, WETLAND EMERGENT
	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT
	SODDING, SALT TOLERANT

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Hey and Associates, Inc.

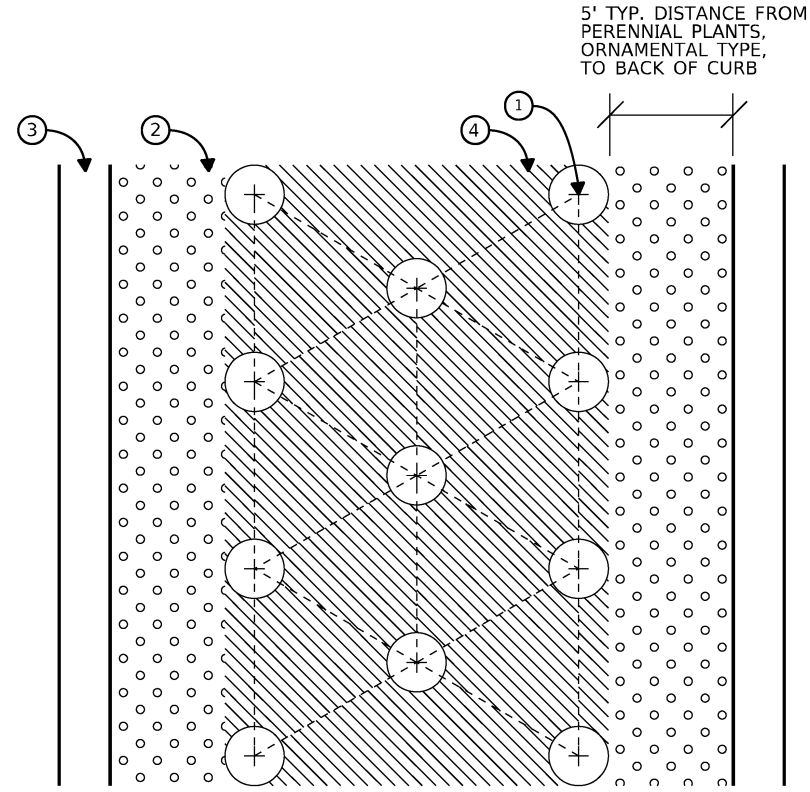
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

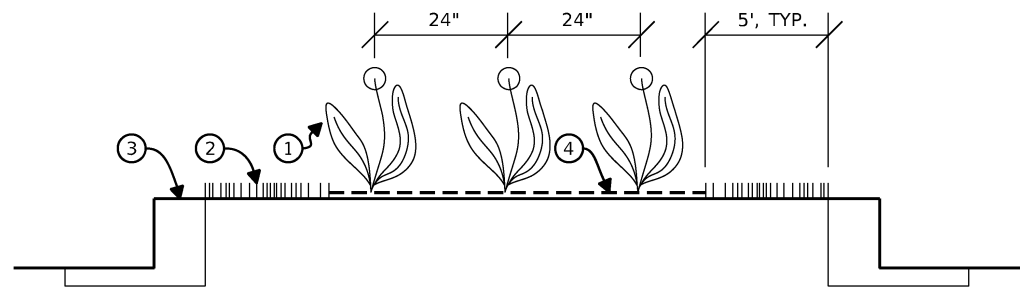
LANDSCAPE PLAN
DRAINAGE BASIN 02

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	MCHEMRY	575	364
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62U72	

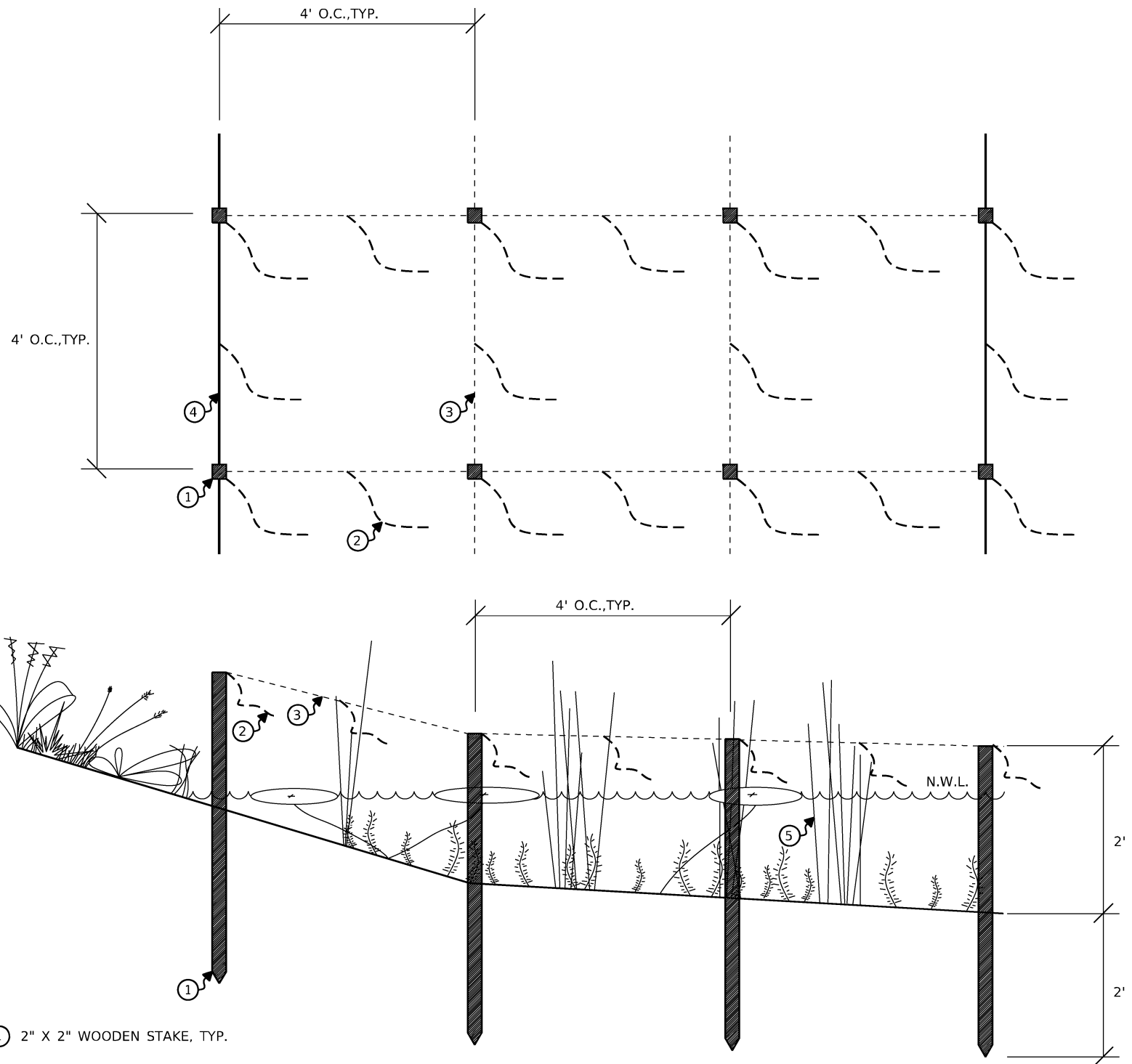


TYPICAL PLAN



- ① PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT, SPECIES VARIES, SPACED AT 24" ON CENTER
- ② CLASS 2A SEEDING
- ③ CURB
- ④ 2" DEPTH SHREDDED HARDWOOD MULCH

① PERENNIAL PLANTING, ORNAMENTAL TYPE



- ① 2" X 2" WOODEN STAKE, TYP.
- ② TIE 15" LONG X 1" WIDE ALUMINUM FOIL AT AND BETWEEN WOODEN STAKES
- ③ 20# TEST FILAMENT FISH LINE
- ④ CHICKEN WIRE AROUND PERIMETER OF BARRIER, TYP.
- ⑤ WETLAND EMERGENT PLANTS

① PERENNIAL PLANTING, WETLAND EMERGENT

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Hey and Associates, Inc.

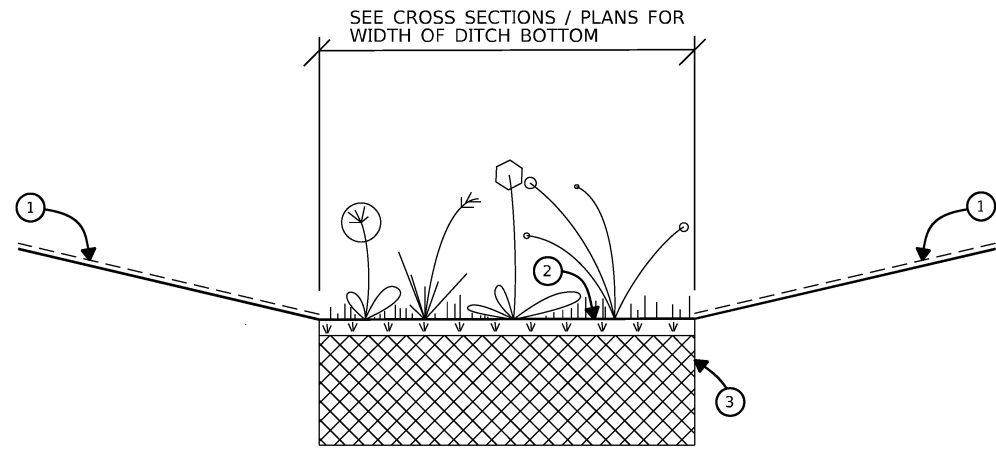
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

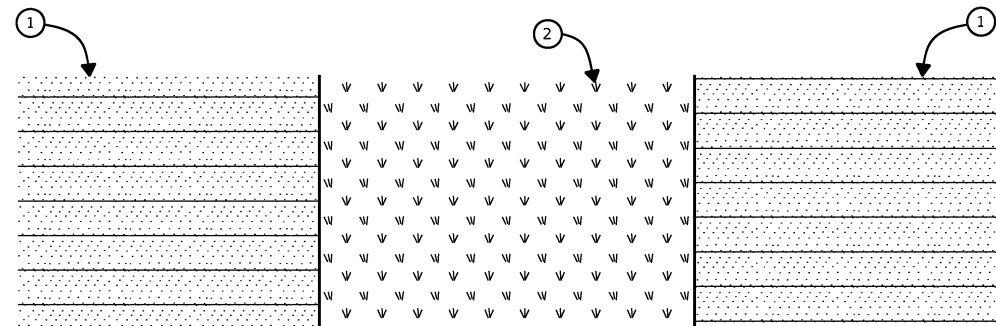
LANDSCAPE DETAILS
ILLINOIS ROUTE 31

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	365
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62U72	



TYPICAL SECTION



TYPICAL PLAN

- ① SIDE SLOPES - SEEDING, CLASS 4 MOD AND HEAVY DUTY EROSION CONTROL BLANKET
- ② DITCH BOTTOM - NATIVE SODDING, SPECIAL
- ③ EXCAVATE TO 12" DEPTH, DISPOSE OF CUT, INFILL WITH 12" CLEAN TOPSOIL

① TYPICAL BIOSWALE DETAIL

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BIOSWALE DETAIL
ILLINOIS ROUTE 31**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	366
CONTRACT NO.			62U72	
ILLINOIS FED. AID PROJECT				

PAY ITEM	CODED PAY ITEM DESCRIPTION	UNIT	STA.397+00 - STA.412+00		STA.412+00 - STA.425+00		STA.425+00 - STA.438+00		STA.438+00 - STA.451+00		STA.451+00 - STA.464+00		STA.464+00 - STA.475+00		STA.475+00 - STA.480+00		ILRT120		GROVE AVENUE		DRAINAGE BASIN 01	DRAINAGE BASIN 02	TOTAL
			L	R	L	R	L	R	L	R	L	R	L	R	L	R	L	R					
X1900011	NATIVE SOODING SPECIAL	SQ.YD	71																				71
20200100	EARTH EXCAVATION	CU.YD	24																				24
21101645	TOP SOIL FURNISH AND PLACE 12"	SQ.YD	71																				71
20101700	SUPPLEMENTAL WATERING	UNIT	1.9																				1.9

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Hey and Associates, Inc.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BIOSWALE SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	368
CONTRACT NO.			62U72	
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
TRAFFIC SIGNAL CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS	 P EV	 P EV
UNINTERRUPTIBLE POWER SUPPLY			DOUBLE HANDHOLE			SIGNAL HEAD WITH BACKPLATE -(RB) RETROREFLECTIVE BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS	 RB P EV	 RB P EV
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
MASTER CONTROLLER			JUNCTION BOX			ILLUMINATED LED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
MASTER MASTER CONTROLLER			RAILROAD CROSSING GATE			ELECTRIC CABLE, SIGNAL, NO. 14 - 2/C, 3/C, 5/C, 7/C		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD CROSSBUCK			ELECTRIC CABLE, LEAD-IN, NO. 14, 1 PAIR		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CONTROLLER BUNGALOW			SERVICE CABLE, 2/C - NO. 2, NO. 4, NO. 6	 	
CELLULAR MODEM			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			GROUND CABLE NO. 6 SOLID COPPER (GREEN), 1/C		
TELEPHONE CONNECTION			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			ELECTRIC CABLE, TRACER, NO. 14, 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			SYSTEM ITEM	S	SP	ELECTRIC CABLE, RAILROAD, NO. 14, 3/C		
ALUMINUM MAST ARM ASSEMBLY AND POLE			INTERSECTION ITEM	I	IP	ELECTRIC CABLE, STREET NAME SIGN NO. 14, 3/C, TYPE SOOW		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			REMOVAL ITEM		R	VENDOR CABLE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			RELOCATE ITEM		RL	EMERGENCY VEHICLE PRIORITY LINE SENSOR CABLE, NO. 20, 3/C		
WOOD POLE			ABANDON ITEM		A	OUTDOOR RATED NETWORK CABLE		
GUY WIRE			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF	FIBER OPTIC CABLE -12F: 12 MULTIMODE -24F: 12 MULTIMODE / 12 SINGLE MODE -36F: 12 MULTIMODE / 24 SINGLE MODE -24SM: 24 SINGLE MODE -48SM: 48 SINGLE MODE	 	
SIGNAL HEAD			MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF	GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	 	
SIGNAL HEAD WITH BACKPLATE			SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF			
SIGNAL HEAD - PROGRAMMABLE			DETECTOR LOOP, TYPE I					
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	PREFORMED DETECTOR LOOP					
PEDESTRIAN SIGNAL HEAD			WIRELESS DETECTOR SENSOR					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON								
RADAR DETECTION SENSOR								
VIDEO DETECTION CAMERA								
RADAR/VIDEO DETECTION ZONE								
PAN, TILT, ZOOM (PTZ) CAMERA								
EMERGENCY VEHICLE LIGHT DETECTOR								
CONFIRMATION BEACON								
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								
WIRELESS ACCESS POINT								

TS SHT NO.

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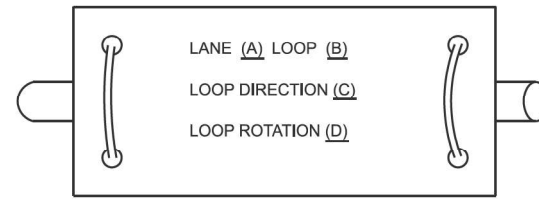
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NONE	SHEET 1 8 SHEETS
STA. _____	TO STA. _____

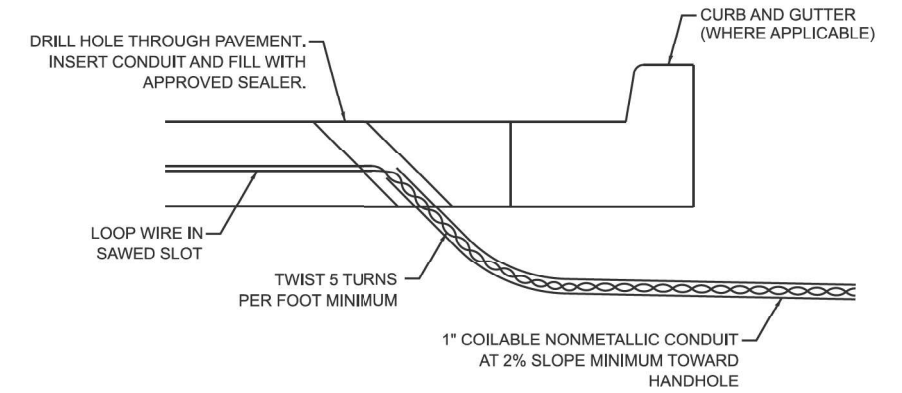
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	369
TS-01			CONTRACT NO. 62U72	
ILLINOIS FED. AID PROJECT				

DETECTOR LOOP NOTES:

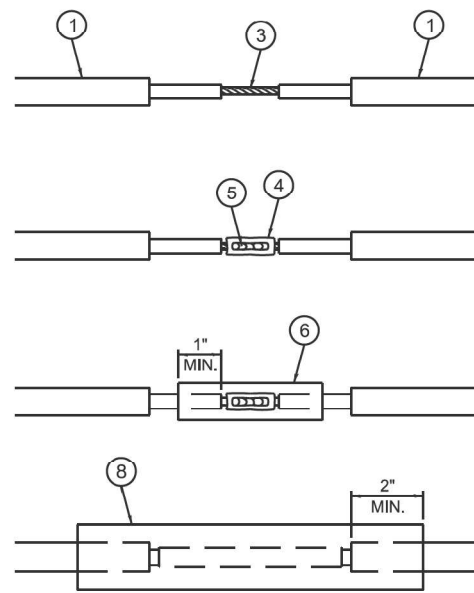
1. LOOPS SHALL BE SPLICED IN SERIES.
2. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" AT A DEPTH OF 3". IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
3. LOOP CORNERS SHALL BE DRILLED WITH A 2" DIAMETER CORE.
4. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NON-METALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6". EMPTY COILABLE NON-METALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP PAY ITEM.
5. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
6. EACH LEAD-IN CABLE SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP NUMBER, LOOP DIRECTION (IN OR OUT), AND LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE) IN WATER PROOF INK. SEE DETECTOR LOOP LEAD-IN CABLE TAG DETAIL. THE CONTRACTOR SHALL MARK THE LOOP LOCATIONS ON THE RECORD DRAWINGS AND PRESENT THEM TO THE ENGINEER AFTER THE FINAL INSPECTION.
7. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
8. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND THE DIVE HOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" APART.
9. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS.
10. PREFORMED DETECTOR LOOPS SHALL BE USED WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.



- A. LANE #1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY.
- B. LOOP #1 IS THE LOOP CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



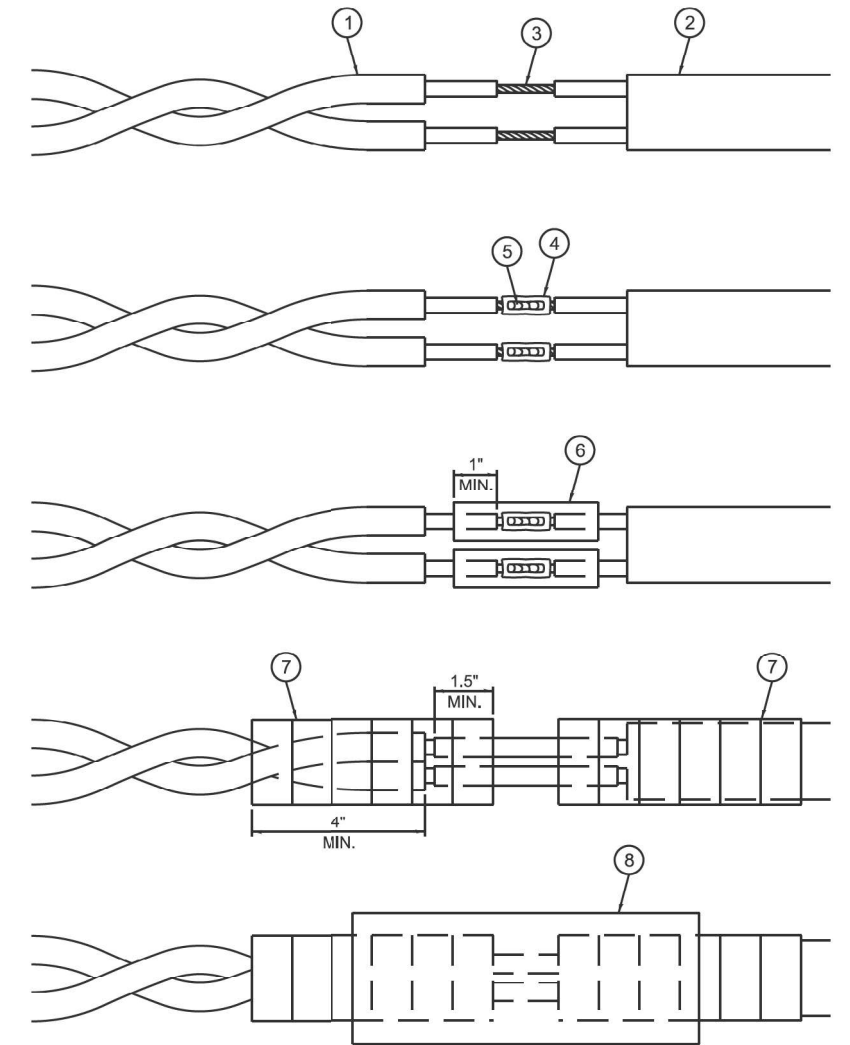
DETECTOR LOOP LEAD-IN CABLE TAG



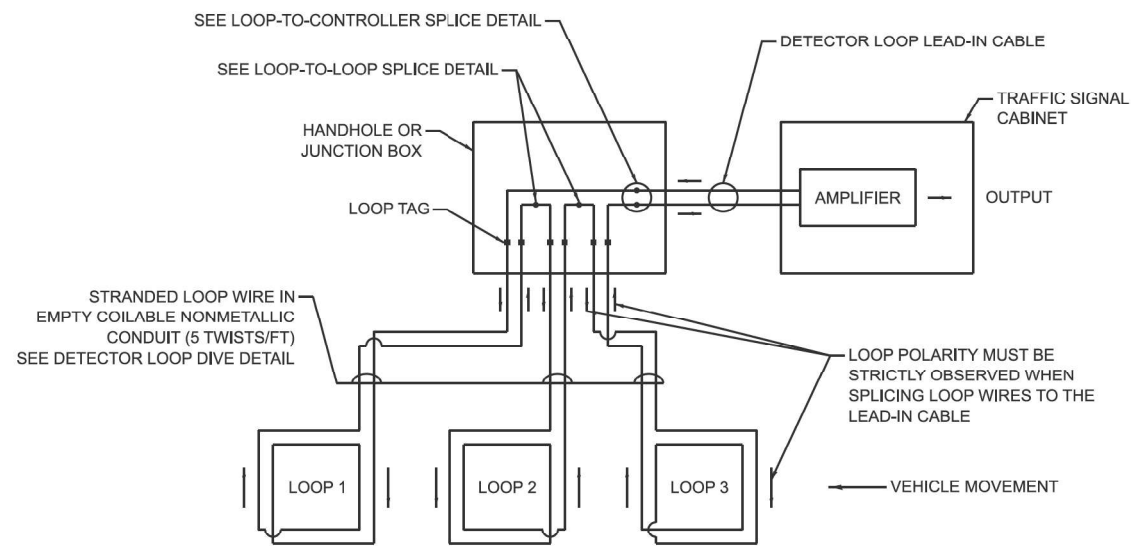
LOOP-TO-LOOP SPLICE DETAIL

- ① DETECTOR LOOP CABLE.
- ② DETECTOR LOOP LEAD-IN CABLE
- ③ BARE CONDUCTORS TWISTED TOGETHER.
- ④ BUTT SPLICE CRIMP CONNECTOR.
- ⑤ SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE SPLICES SHALL BE STAGGERED.
- ⑥ WCSMW 30/100 HEAT SHRINK TUBE, 3" MINIMUM LENGTH, UNDERWATER GRADE.
- ⑦ SELF-INFUSED, SILICONE ELECTRICAL TAPE TIGHTLY WRAPPED AROUND CABLES.
- ⑧ WCS 200/750 HEAT SHRINK TUBE, 8" MINIMUM LENGTH, UNDERWATER GRADE.

DETECTOR LOOP DIVE DETAIL



LOOP-TO-CONTROLLER SPLICE DETAIL



DETECTOR LOOP WIRING SCHEMATIC

TS SHT NO.

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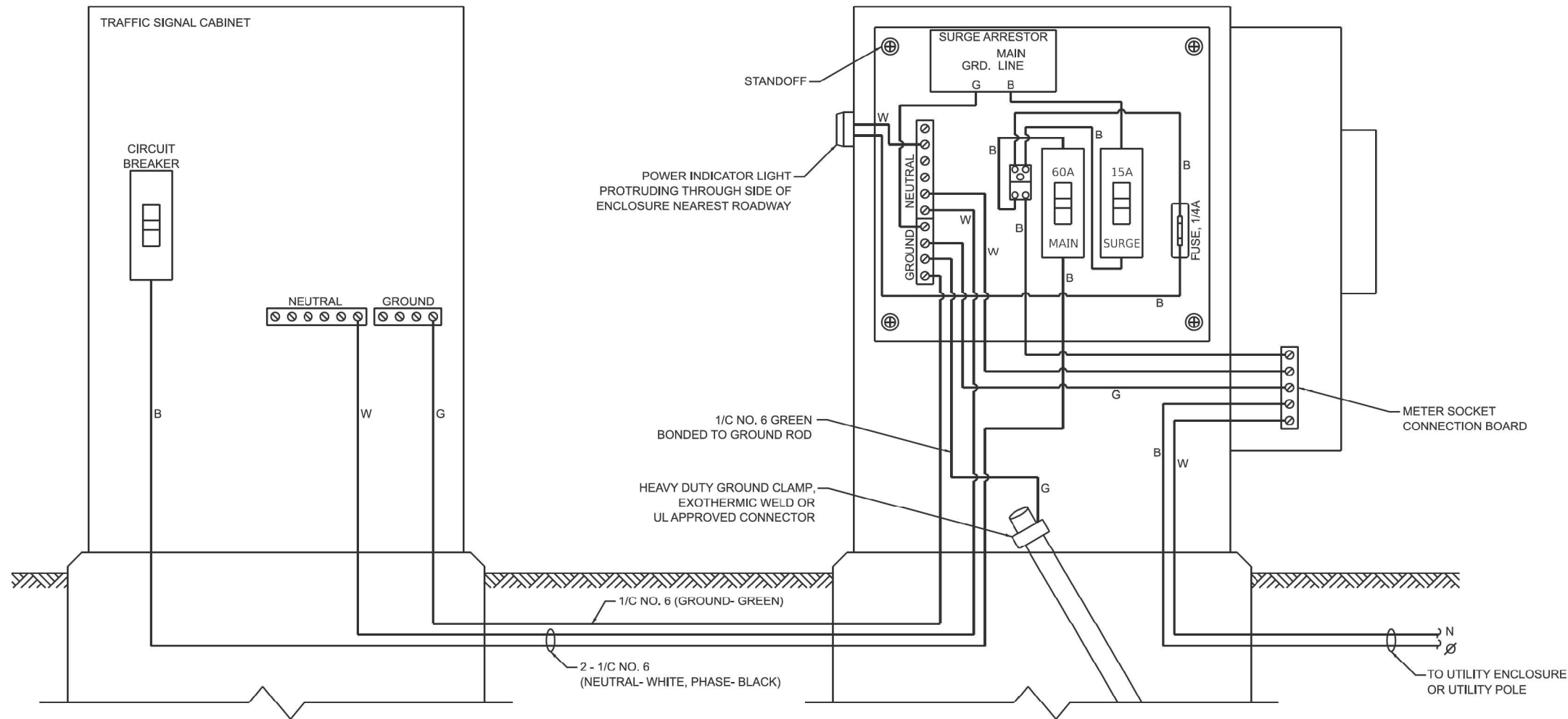
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	DATE - 10/15/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 2 8 SHEETS STA. TO STA.

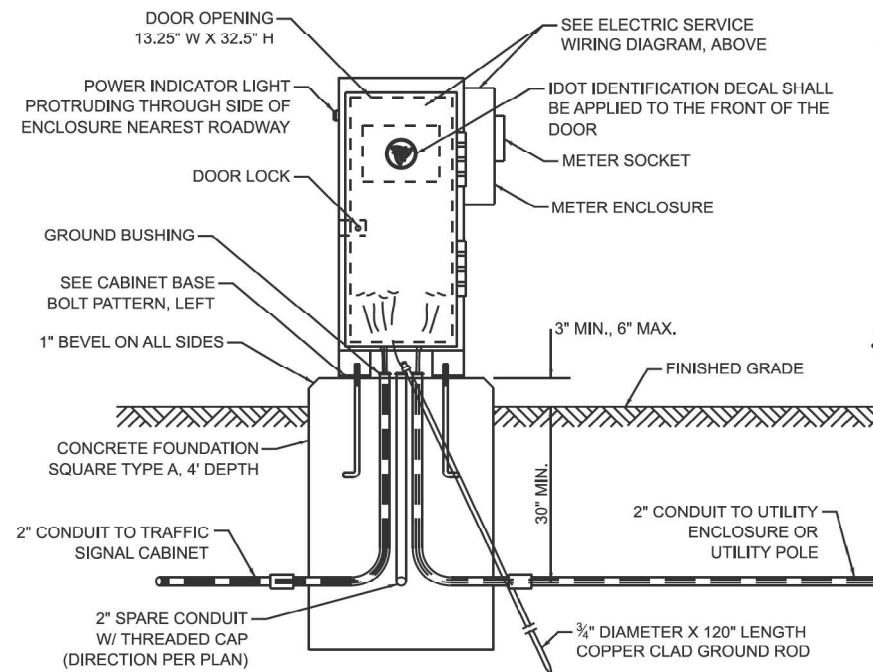
F.A.P. RTE. 336A	SECTION FAP 336 23 RECON NORTH	COUNTY McHENRY	TOTAL SHEETS 575	SHEET NO. 370
TS-01			CONTRACT NO. 62U72	
ILLINOIS FED. AID PROJECT				



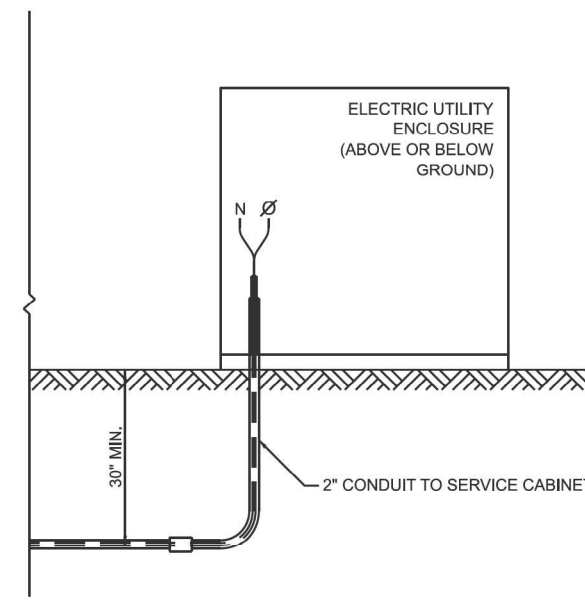
ELECTRIC SERVICE WIRING DIAGRAM IN GROUND MOUNTED SERVICE CABINET

NOTES:

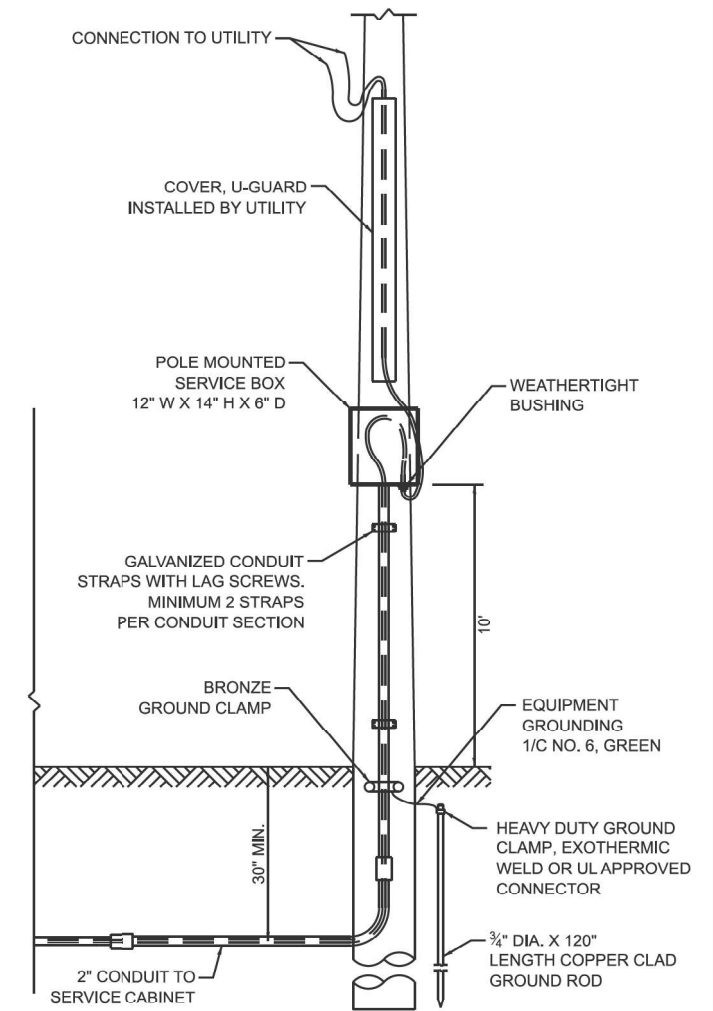
1. THE GROUND MOUNTED SERVICE CABINET IS TO BE LOCATED BETWEEN THE TRAFFIC SIGNAL CABINET AND THE UTILITY CONNECTION, PREFERABLY 20' TO 50' FROM THE TRAFFIC SIGNAL CONTROLLER CABINET.
2. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO UL STD. 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE UL LABEL.
3. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
4. THE METER SOCKET IS TO BE PROVIDED BY THE CONTRACTOR. THE METER IS TO BE PROVIDED BY THE UTILITY COMPANY.



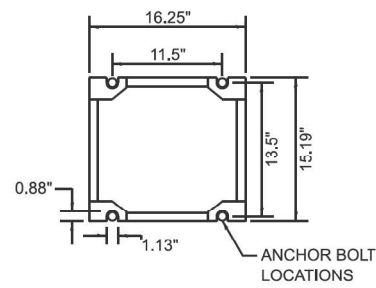
SERVICE INSTALLATION - GROUND MOUNTED WITH METER



CONNECTION TO UTILITY ENCLOSURE



CONNECTION TO UTILITY POLE



CABINET BASE BOLT PATTERN

TS SHT NO.

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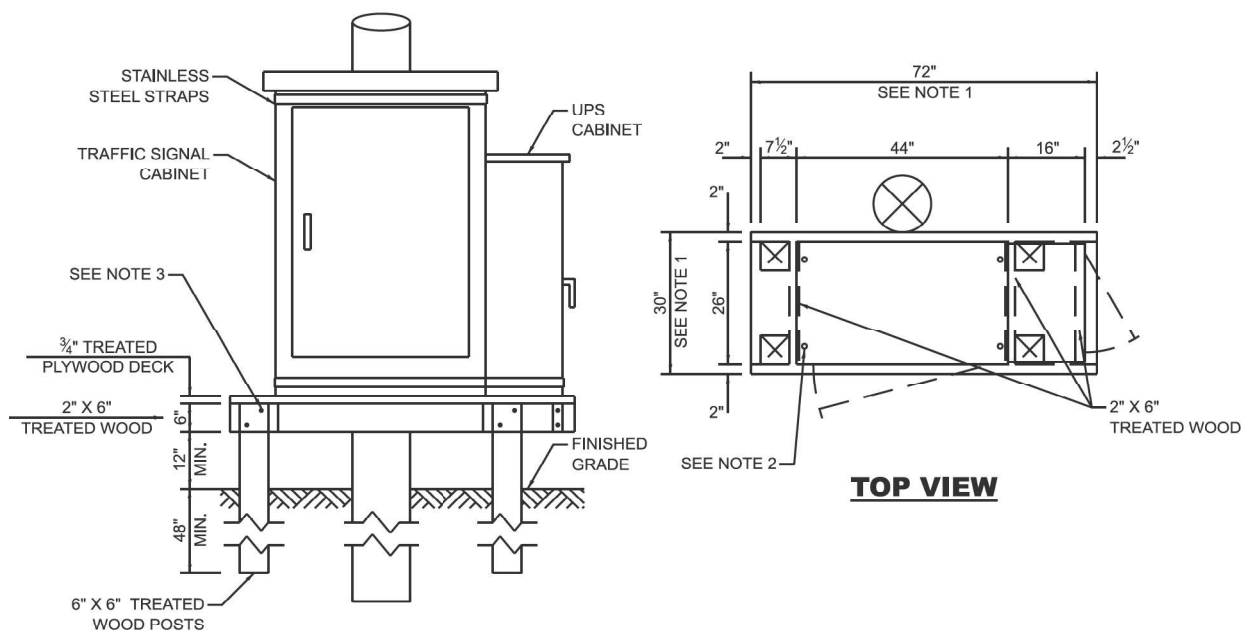
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	DATE - 10/15/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 4 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	372
TS-01			CONTRACT NO. 62U72	
ILLINOIS FED. AID PROJECT				



NOTES:

1. THE PLATFORM SIZE IS BASED ON A TRAFFIC SIGNAL CABINET TYPE IV WITH BASE DIMENSIONS OF 26" X 44" AND UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" X 25". ADJUST THE PLATFORM SIZE TO FIT THE BASE DIMENSIONS OF THE CABINET SUPPLIED.
2. DRILLED HOLES THROUGH THE PLATFORM ARE TO MATCH THE TRAFFIC SIGNAL CABINET BOLT TEMPLATE. THE CABINET SHALL BE FASTENED TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS, AND NUTS.
3. ALL WOOD SUPPORT FRAMING SHALL BE FASTENED TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

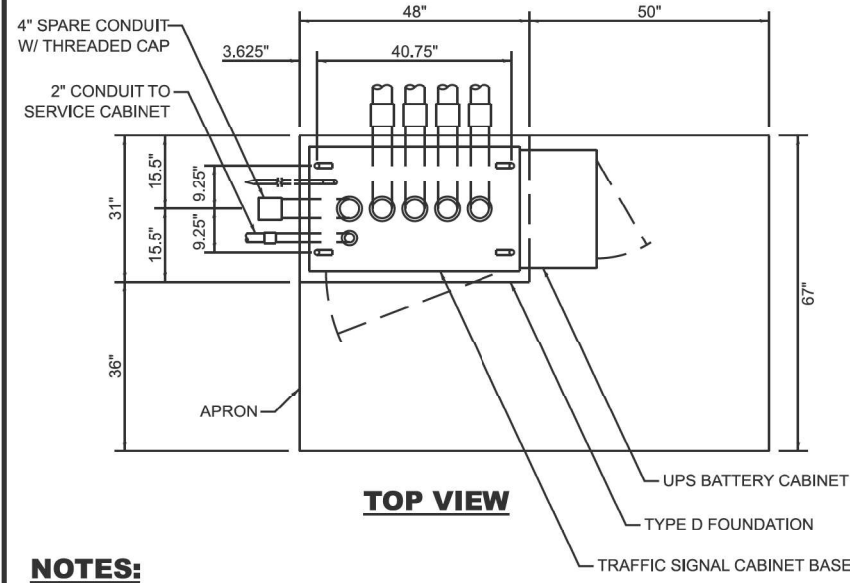
TEMPORARY TRAFFIC SIGNAL CABINET WOOD SUPPORT PLATFORM

MAST ARM LENGTH	FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
LESS THAN 30'	10'	30"	24"	8	#6
GREATER THAN OR EQUAL TO 30' AND LESS THAN 40'	13.5'	30"	24"	8	#6
	11'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 40' AND LESS THAN 50'	13'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 50' AND UP TO 55'	15'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 56' AND LESS THAN 65'	21'	42"	36"	16	#8
GREATER THAN OR EQUAL TO 65' AND UP TO 75'	25'	42"	36"	16	#8

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

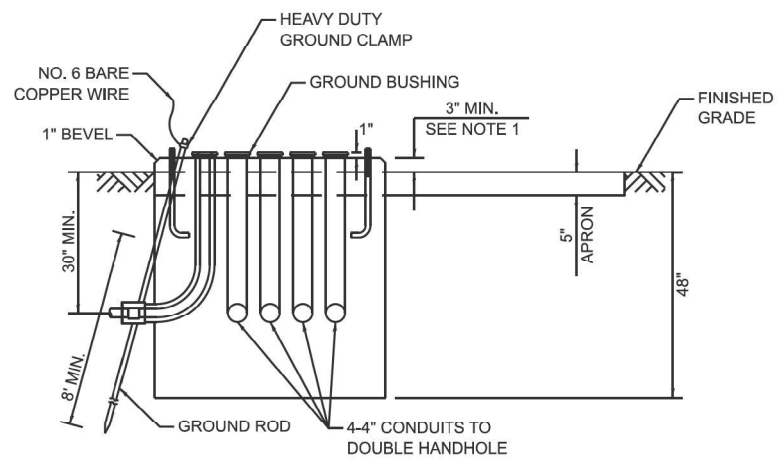
TYPE E FOUNDATION NOTES:

1. FOR STANDARD AND COMBINATION MAST ARM ASSEMBLIES. FOUNDATION DEPTHS FOR STANDARD DUAL MAST ARMS WITH THE LONGEST ARM LENGTH UP TO AND INCLUDING 55' SHALL BE INCREASE BY 1' OF THAT SHOWN IN THE TABLE, BASED ON THE LONGER OF THE TWO ARMS.
2. SEE STATE STANDARD 878001 CONCRETE FOUNDATION DETAILS FOR MORE INFORMATION.

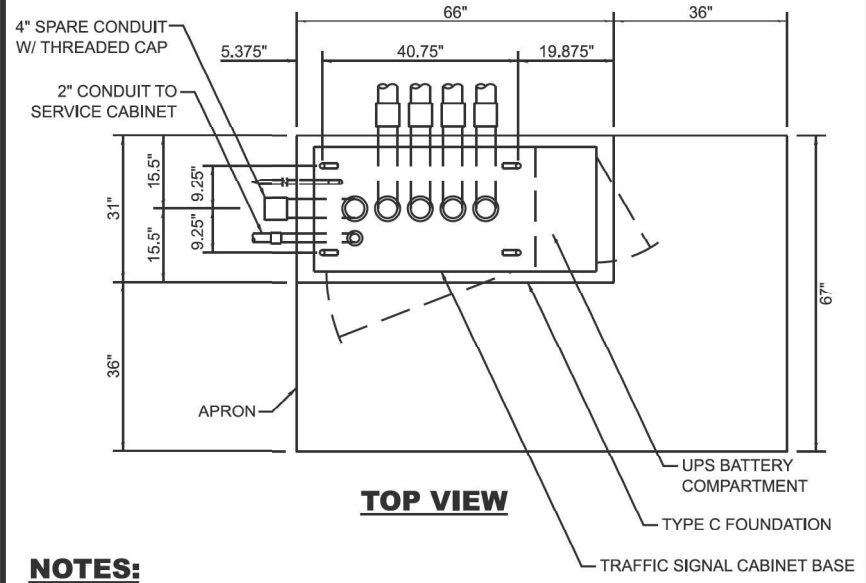


NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.

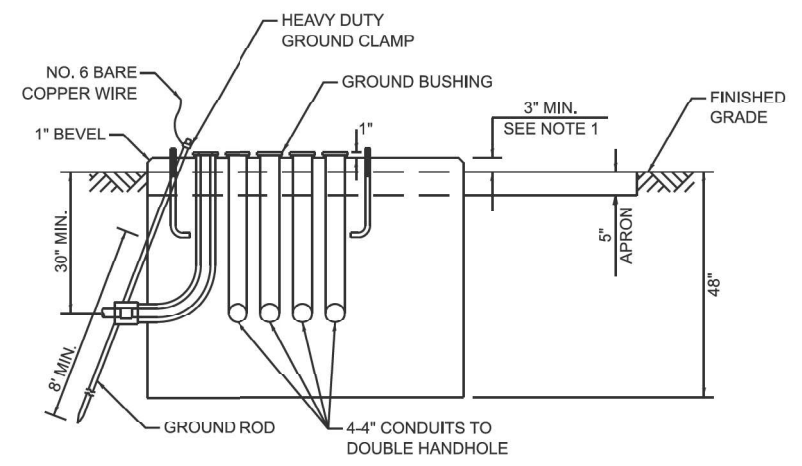


TYPE D FOUNDATION TYPE IV AND TYPE V TRAFFIC SIGNAL CABINET AND UPS BATTERY CABINET



NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



TYPE C FOUNDATION SUPER P AND SUPER R TRAFFIC SIGNAL CABINETS

FOUNDATION	DEPTH
TYPE A - SIGNAL POST, SERVICE CABINET	4'
TYPE C - TRAFFIC SIGNAL CABINET WITH UPS	4'
TYPE D - TRAFFIC SIGNAL CABINET	4'

DEPTH OF FOUNDATIONS TYPES A, C & D

VERTICAL CABLE	LENGTH
MAST ARM MOUNTED SIGNAL HEAD (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20'+L
BRACKET MOUNTED SIGNAL HEAD (MAST ARM POLE OR SIGNAL POLE)	13'
PEDESTRIAN SIGNAL HEAD	10'
PEDESTRIAN PUSH BUTTON	6'
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5'
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5'
SERVICE INSTALLATION GROUND MOUNT	6'
FOUNDATION (SIGNAL POST, MAST ARM, TRAFFIC SIGNAL CABINET, SERVICE CABINET)	3'

VERTICAL CABLE LENGTH

CABLE SLACK	LENGTH
HANDHOLE	6.5'
DOUBLE HANDHOLE	13'
SIGNAL POST	2'
MAST ARM	2'
TRAFFIC SIGNAL CABINET OR SERVICE CABINET	1.5'
FIBER OPTIC CABLE AT TRAFFIC SIGNAL CABINET	13'
GROUND CABLE AT SIGNAL POST, MAST ARM, OR CABINET	1.5'
GROUND CABLE AT HANDHOLE OR DOUBLE HANDHOLE	6.5'
GROUND CABLE BETWEEN HANDHOLE FRAME AND COVER	5'

CABLE SLACK LENGTH

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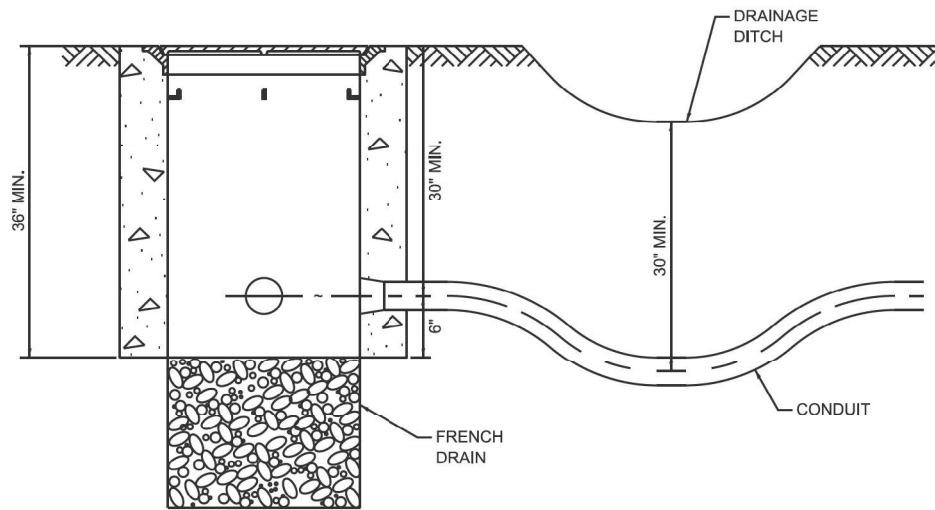
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	DATE - 10/15/2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NONE	SHEET 5 8 SHEETS STA. TO STA.

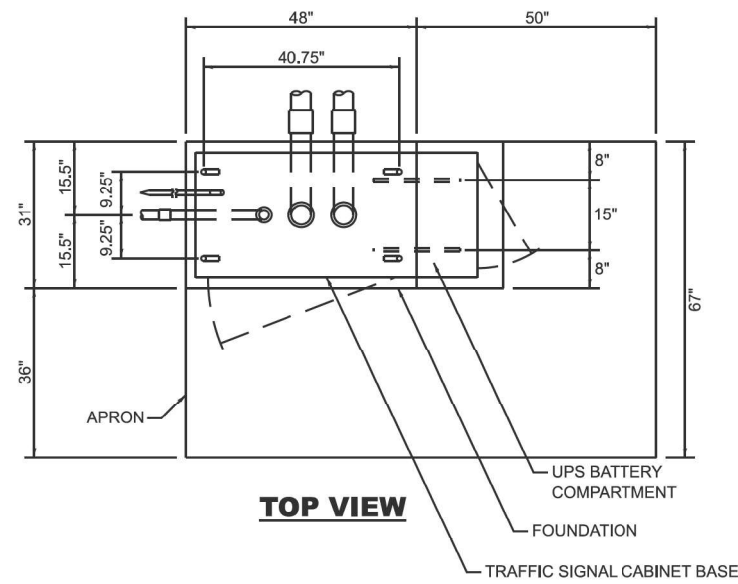
F.A.P. RTE. 336A	SECTION FAP 336 23 RECON NORTH	COUNTY McHENRY	TOTAL SHEETS 575	SHEET NO. 373
TS-01		CONTRACT NO. 62U72		
ILLINOIS FED. AID PROJECT				



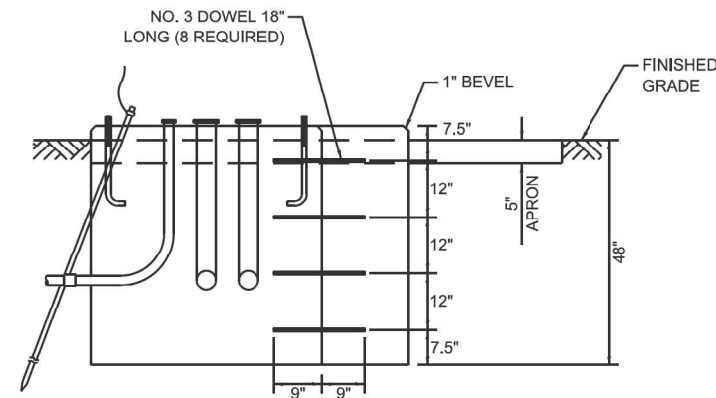
NOTES:

1. THE CONDUIT DEPTH SHALL BE A MINIMUM OF 30' BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND.
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

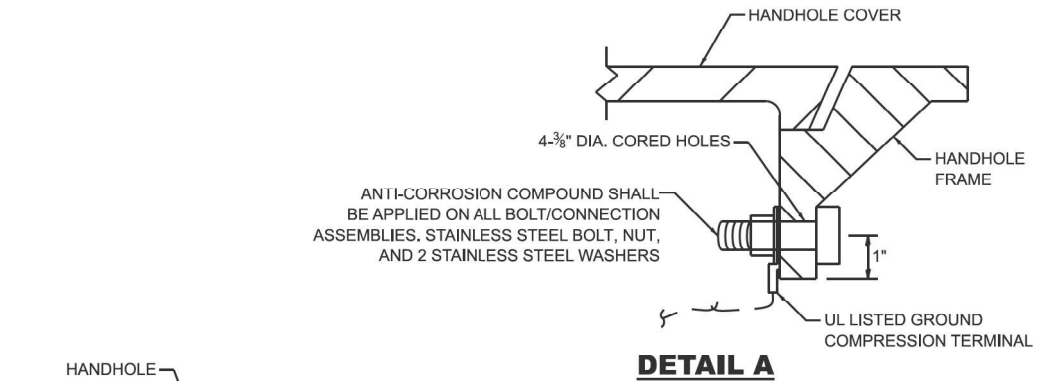
HANDHOLE WITH MINIMUM CONDUIT DEPTH



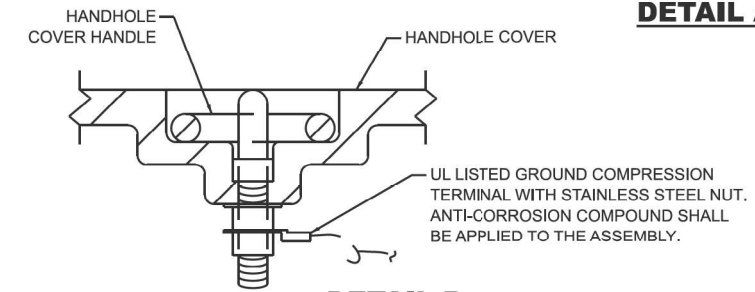
TOP VIEW



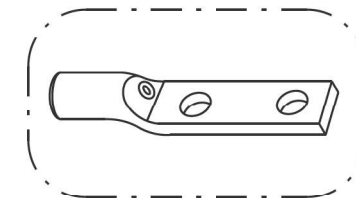
MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION



DETAIL A



DETAIL B



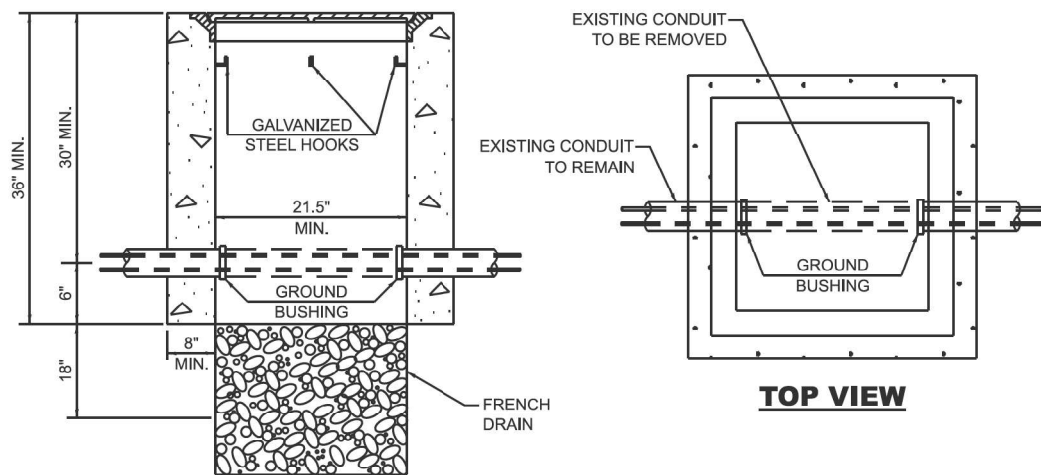
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



3/4" HEAVY-DUTY GROUND ROD CLAMP BRONZE OR COPPER, UL APPROVED (BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

1. CONDUIT THAT HAS BEEN DRILLED INTO AN EXISTING HANDHOLE WILL REQUIRE A GROUND BUSHING FOR THE CONDUIT TO BE PROPERLY GROUNDED.
2. GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' OF SLACK SHALL BE PROVIDED IN SINGLE AND DOUBLE HANDHOLES. 5' OF SLACK SHALL BE PROVIDED BETWEEN THE FRAME AND COVER.

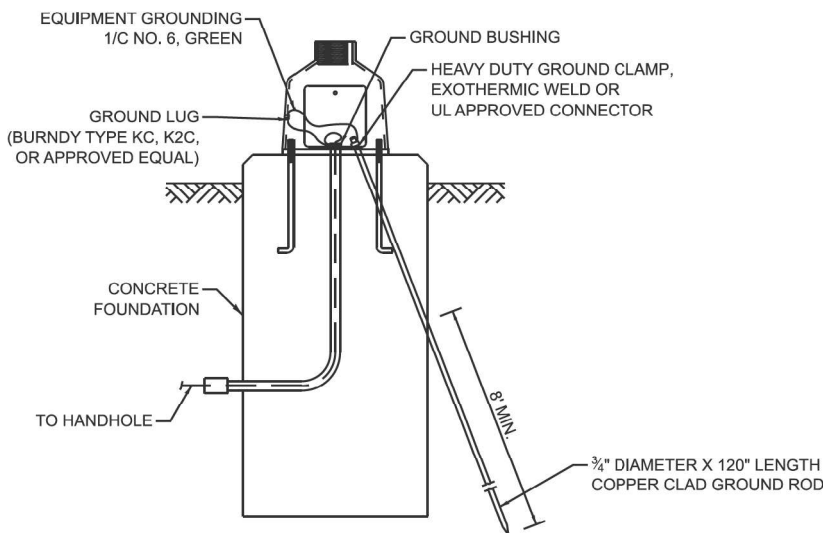


TOP VIEW

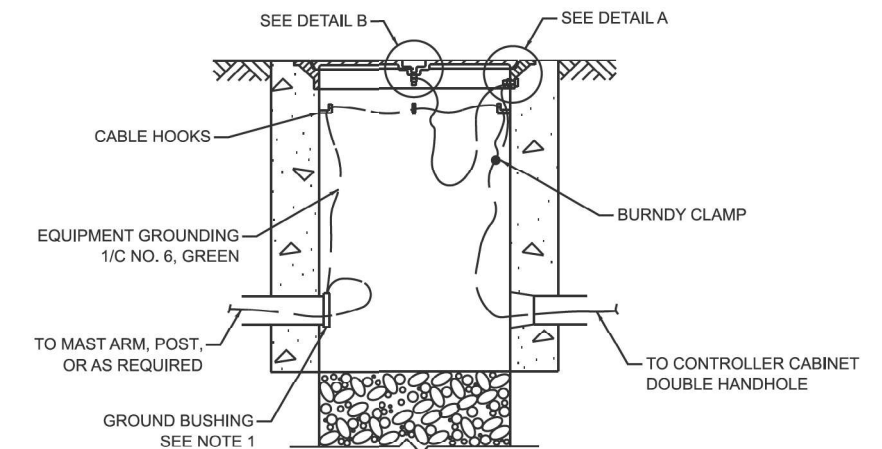
NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT



MAST ARM / POST GROUNDING DETAIL



HANDHOLE GROUNDING DETAIL

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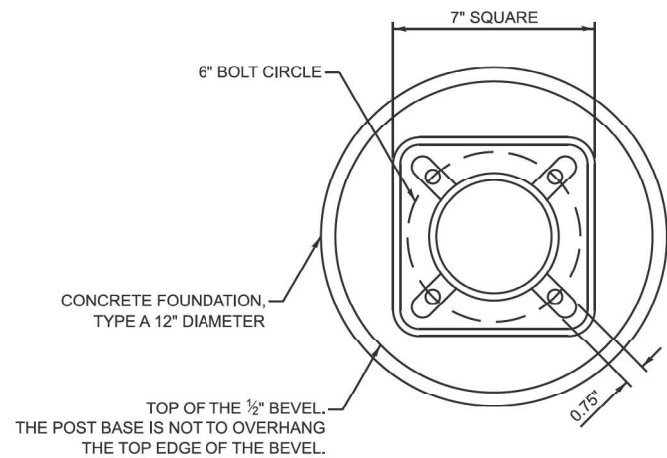
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 6 8 SHEETS STA. TO STA.

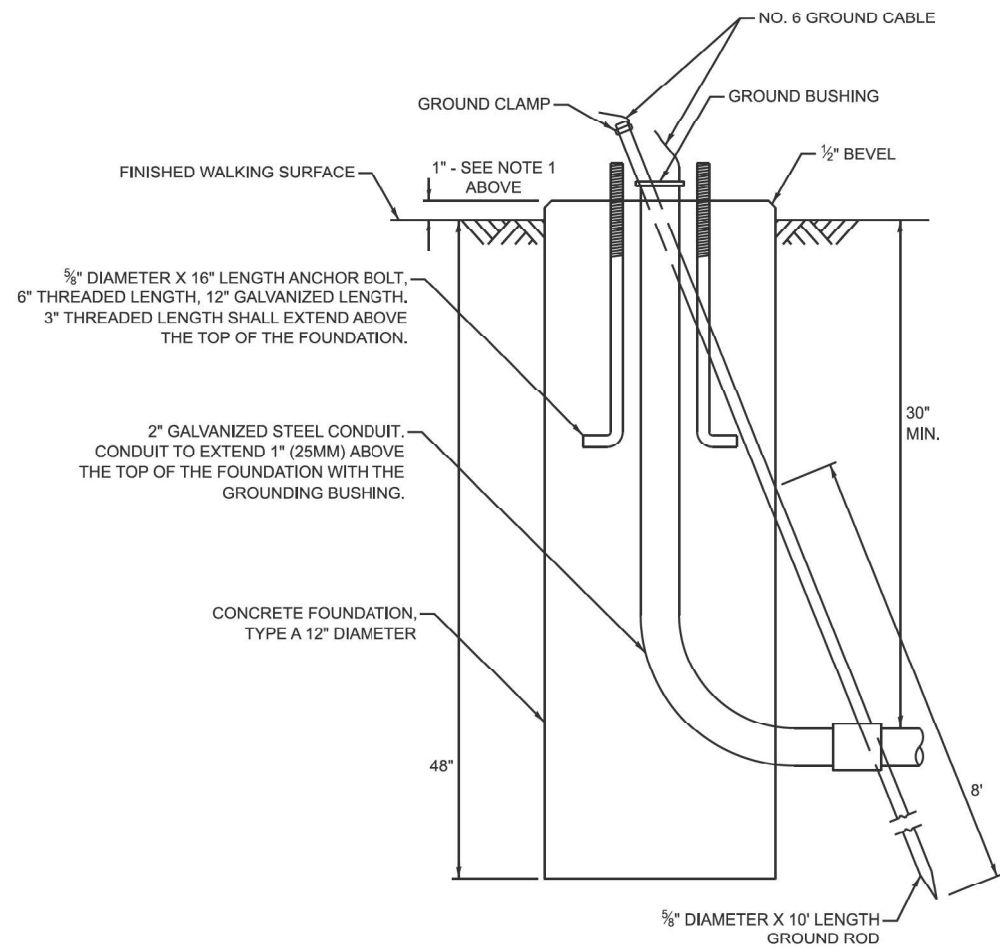
F.A.P. RTE. 336A	SECTION FAP 336 23 RECON NORTH	COUNTY McHENRY	TOTAL SHEETS 575	SHEET NO. 374
TS-01			CONTRACT NO. 62U72	
ILLINOIS FED. AID PROJECT				



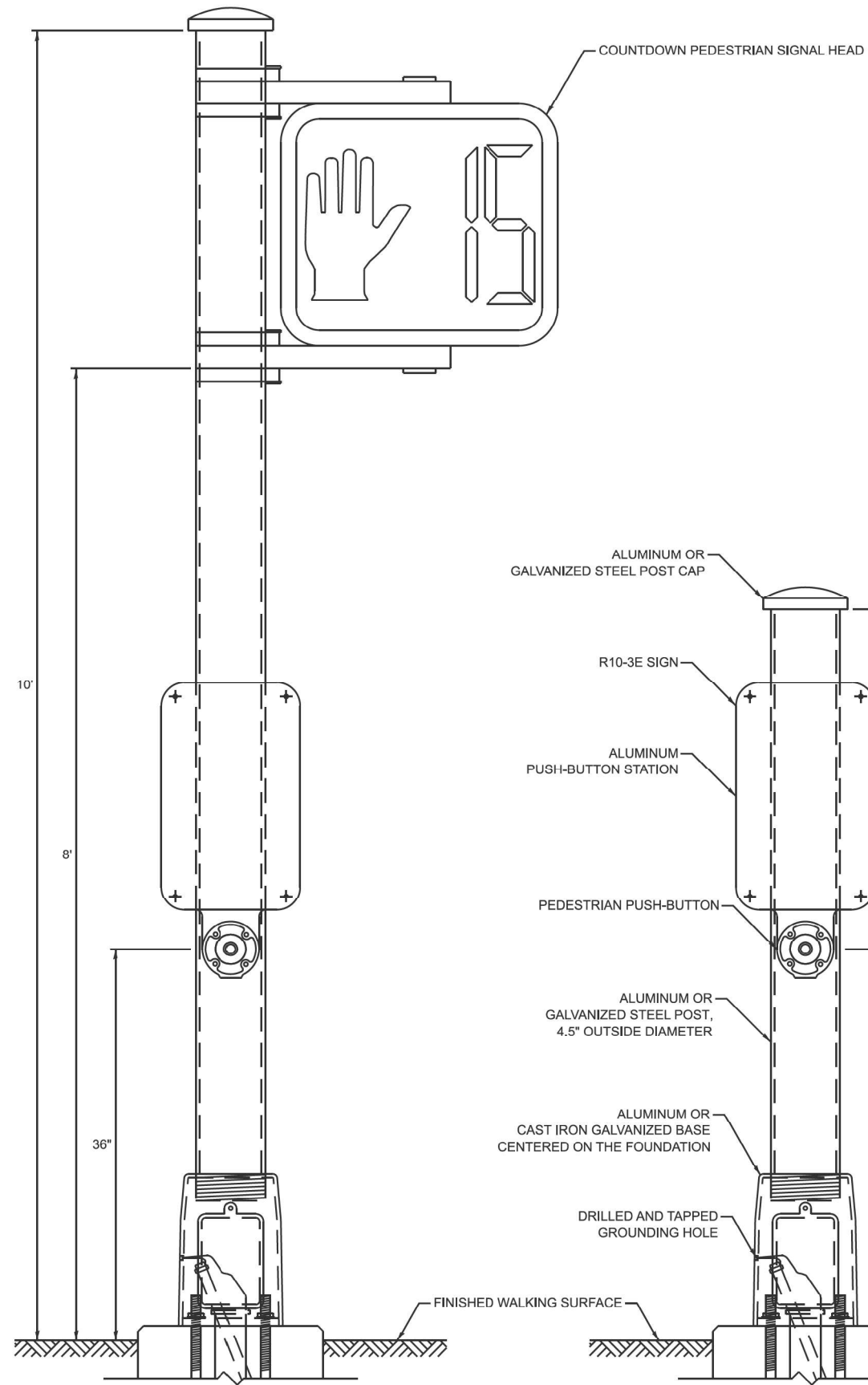
BOLT PATTERN

NOTES:

1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN A SIDEWALK CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE SIDEWALK CURB.

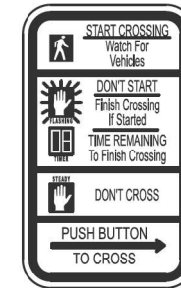


**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**



PEDESTRIAN SIGNAL POST, 10 FT.

PEDESTRIAN SIGNAL POST, 5 FT.



R10-3E
9" X 15"



W10-1101
18" X 24"

SIGN NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. WHEN SIGN R10-3E IS INSTALLED AT MEDIANS WHERE ONLY ONE PUSH-BUTTON IS BEING USED FOR BOTH DIRECTIONS, THE ARROW SHALL BE BI-DIRECTIONAL.
3. SIGN W10-1101 IS REQUIRED FOR EACH PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS.

TS SHT NO.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

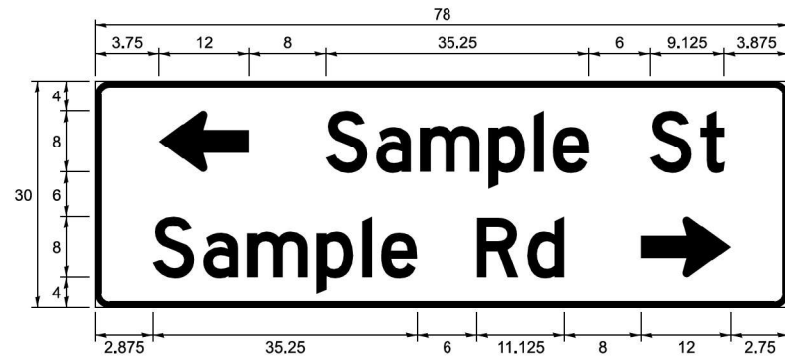
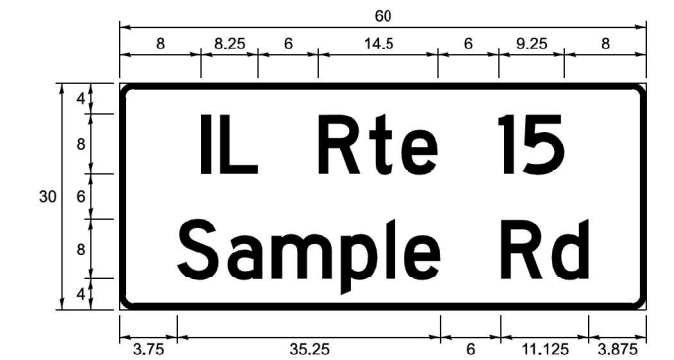
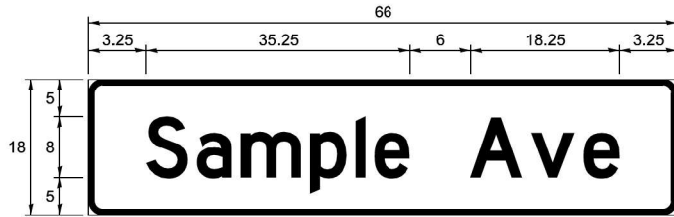
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	375
TS-01				
			CONTRACT NO. 62U72	
ILLINOIS FED. AID PROJECT				

SIGN PANEL - TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
C OR D	-	1 OR 2	ZZ	-

COMMON STREET NAME ABBREVIATIONS

NAME	ABBREVIATION	LENGTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15	18.25
BOULEVARD	Bld	17.125	20
CIRCLE	Clr	11.125	13
COURT	Ct	8.25	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22
ILLINOIS	IL	7	8.25
LANE	Ln	9.125	10.75
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.75
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.5
STREET	St	8	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.75	9.125
UNITED STATES	US	10.375	12.25

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS SHALL BE 3/4" WIDE. CORNER RADIUS SHALL BE 1-7/8". THE SPACING BETWEEN THE WORDS SHOULD BE 6", BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. THE SPACING BETWEEN THE LEFT OR RIGHT ARROW AND THE ADJACENT WORD SHOULD BE 8", BUT MAY BE REDUCED TO 6" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- THE PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE THE SERIES "D" ALPHABET ON A ONE-LINE SIGN THAT IS 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A ONE-LINE 8'-0" SIGN, A 30" HEIGHT TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION (I.E. STREET, AVENUE, ETC.) SHALL BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENTS AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA

- WESTERN REMAC, INC.
WOODRIDGE, IL

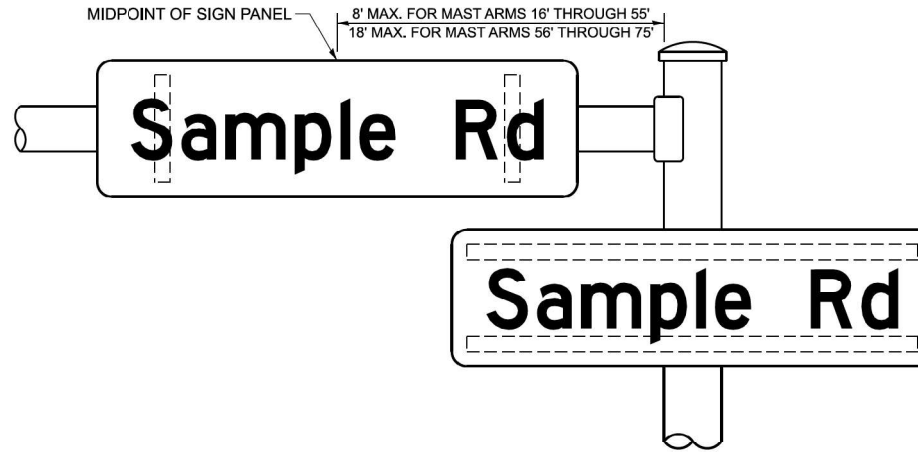
PARTS LISTING:

-SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
-SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
SELF TAPPING WITH NEOPRENE WASHER
-BRACKETS PART #HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

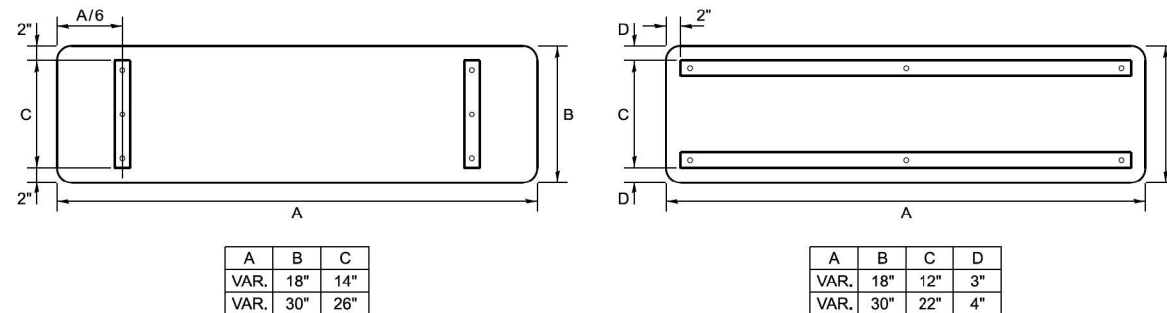
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATIONS

ARM OR POLE MOUNTED



SUPPORTING CHANNELS



STANDARD ALPHABETS SPACING CHART

MEASUREMENTS BASED ON 8" UPPER CASE LETTER HEIGHT

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.800	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.662	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

TS SHT NO.

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FILE NAME: c:\pwworkspace\lawrence.demanche\illinois.gov\09514161\TS-02.dgn

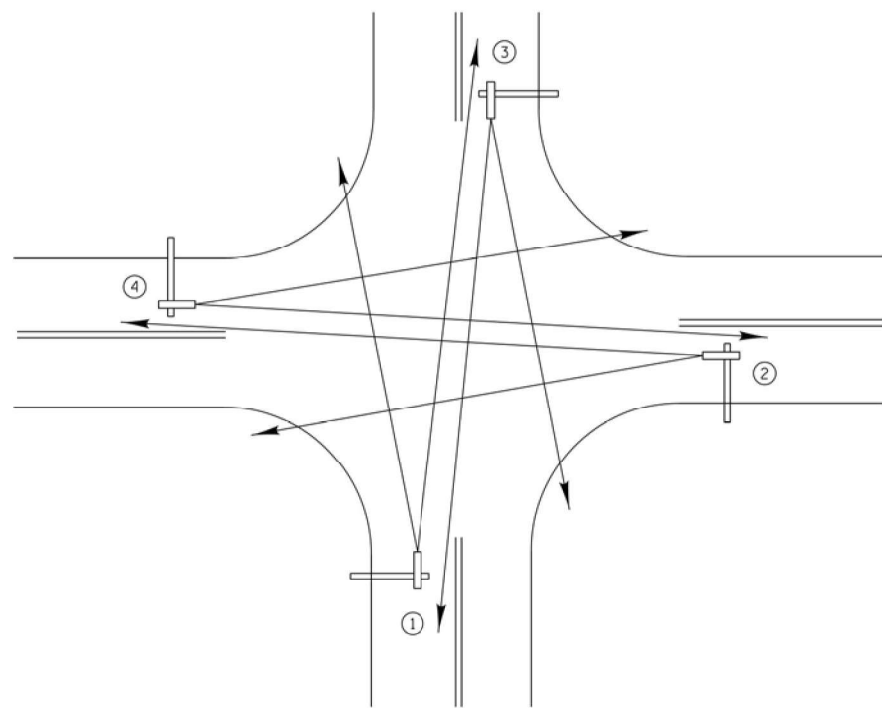
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PLOT DATE = 12/15/2025	CHECKED - NB/KK	REVISED -
	DATE - 10/15/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

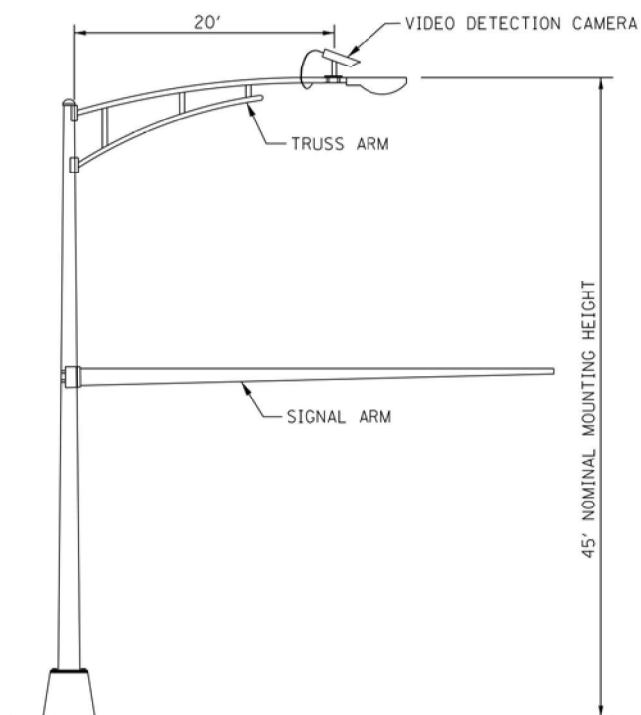
SCALE: NONE SHEET 8 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	376
TS-02			CONTRACT NO. 62U72	
ILLINOIS FED. AID PROJECT				

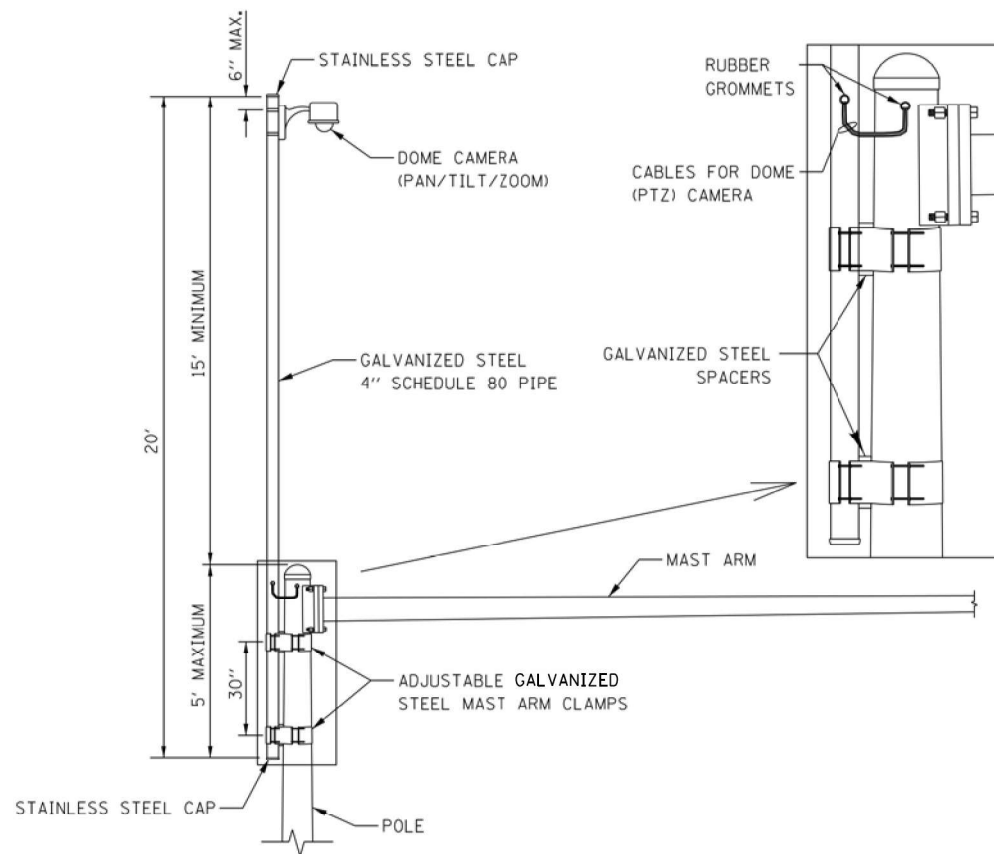


TYPICAL VIDEO VEHICLE
DETECTION SYSTEM
(NOT TO SCALE)

(4) VIDEO DETECTION CAMERA ASSEMBLIES AND BRACKETS ① ② ③ ④



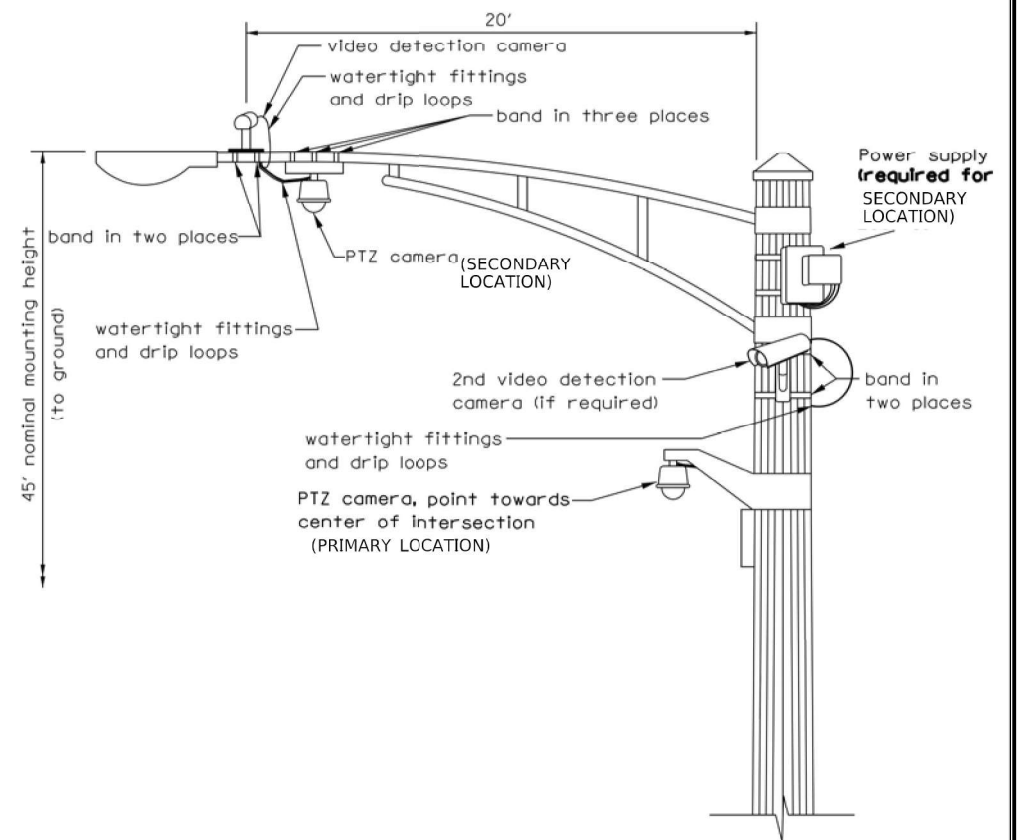
COMBINATION MAST ARM ASSEMBLY
AND POLE DIMENSIONS
(NOT TO SCALE)



CAMERA MOUNTING ASSEMBLY DETAIL
(NOT TO SCALE)

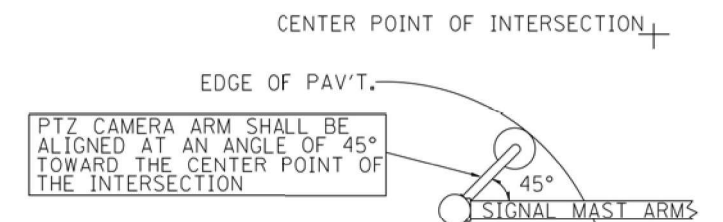
NOTES:

- THE MAST ARM IS TAPERED.
- INSTALL EXTENSION POLE VERTICAL AND PLUMB BY MODIFYING/INSTALLING BRACKETS AS NECESSARY. ADDITIONAL SPACERS REQUIRED ARE INCLUDED IN THE COST OF THE CAMERA MOUNTING ASSEMBLY OF THE TYPE SPECIFIED.
- SPACERS ARE TO BE INTEGRATED OR MANUFACTURED WITH THE MAST ARM BRACKETS



VIDEO DETECTION CAMERA(S) AND
DOME (PTZ) CAMERA MOUNTING DETAIL
(NOT TO SCALE)

- NOTES FOR SINGLE, DUAL AND MULTIPLE CAMERA MOUNTING:
- MOUNT LUMINAIRE MOUNTING BRACKET AS HIGH AS POSSIBLE.
 - MOUNT VIDEO DETECTION CAMERA AIMING DOWN TOWARD THE DIRECTION OF TRAFFIC TO BE DETECTED.



PTZ CAMERA MOUNTING DETAILS
(SECONDARY LOCATION)
(NO SCALE)

TS SHT NO.

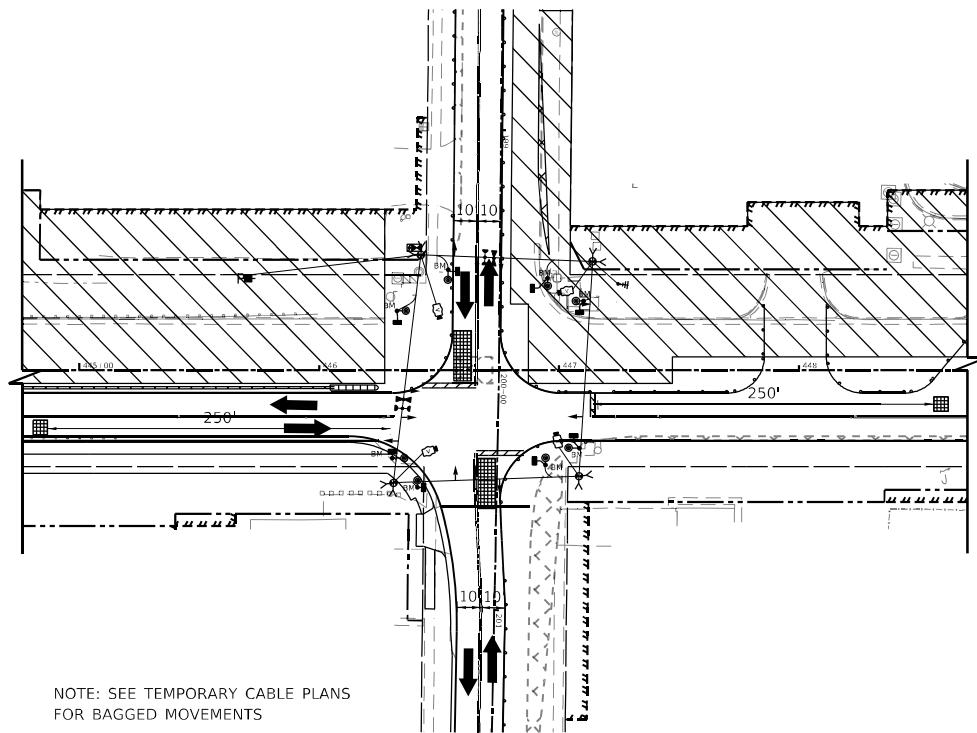
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	DRAWN - FPB	REVISED -
PLOT SCALE = 2"	CHECKED - EAJ	REVISED -
PLOT DATE = 12/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

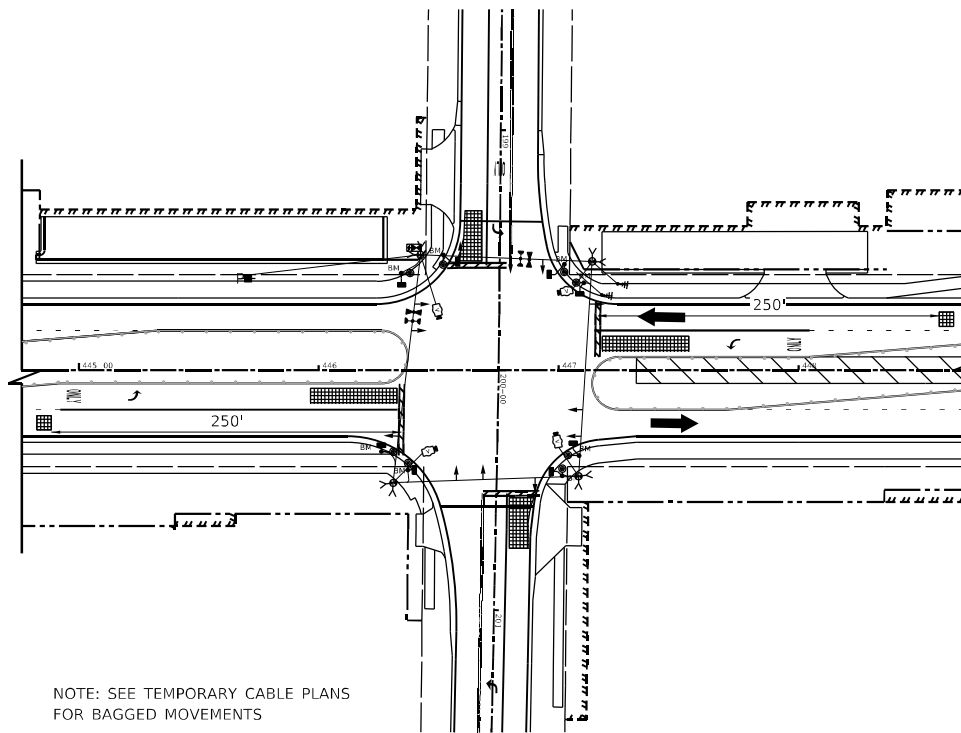
CAMERA MOUNTING DETAILS

SCALE: NOT TO SCALE SHEET 8 OF 8 SHEETS STA. TO STA.

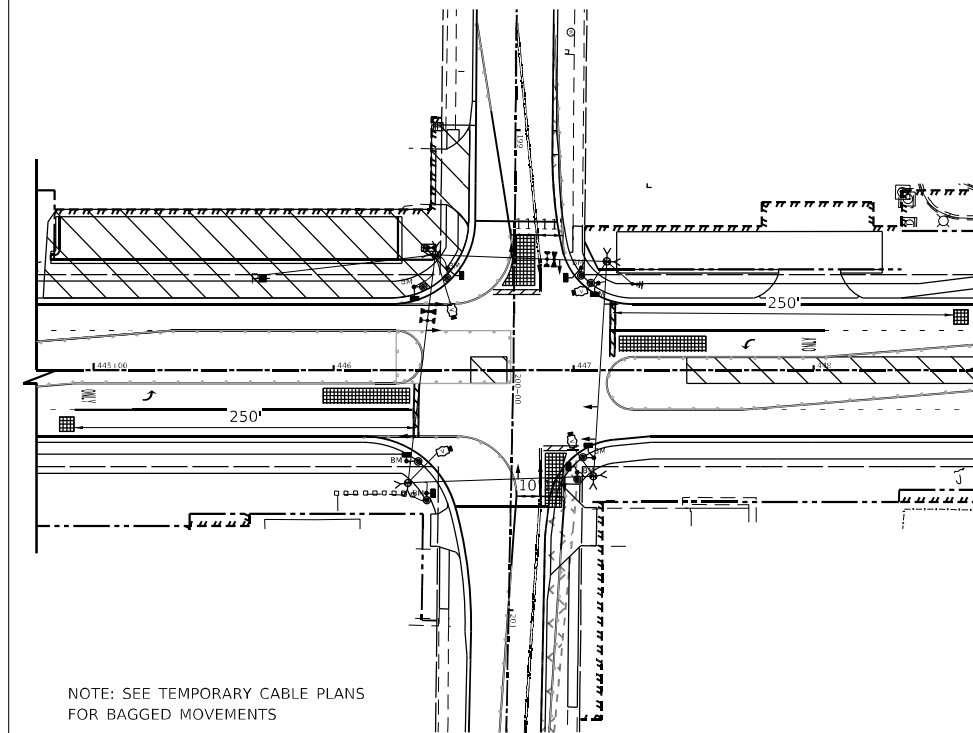
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	377
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 62U72	



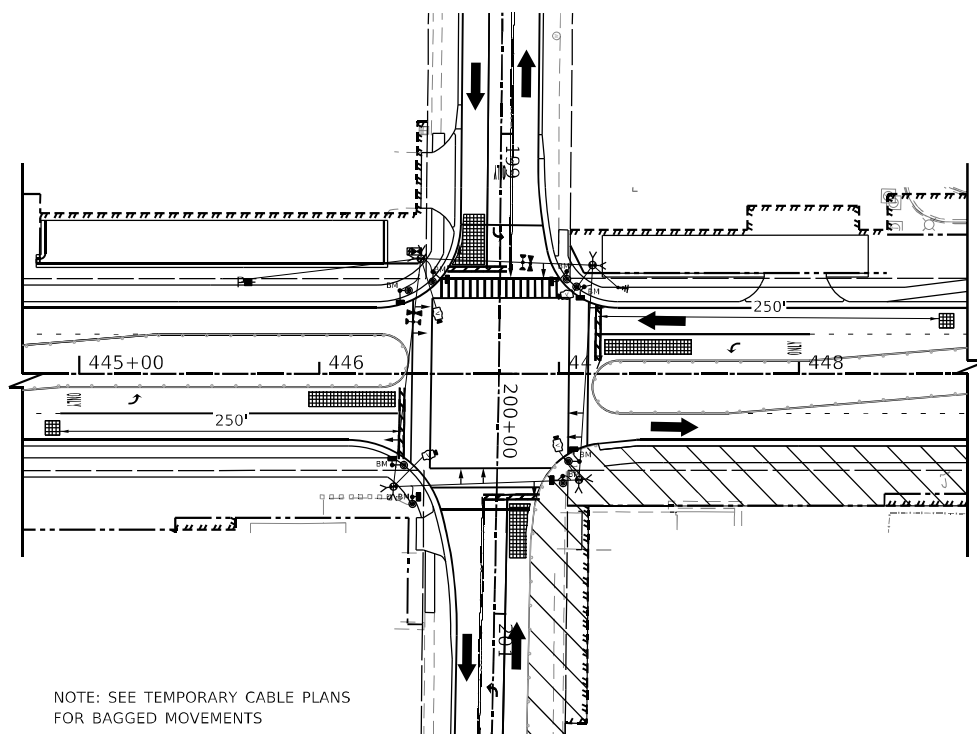
TEMPORARY TRAFFIC SIGNAL STAGE 2B



TEMPORARY TRAFFIC SIGNAL STAGE 3



TEMPORARY TRAFFIC SIGNAL STAGE 3A



TEMPORARY TRAFFIC SIGNAL STAGE 3B

TS SHT NO.

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USER NAME = akshar.patel	DESIGNED - BT	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - AP	REVISED -
PLOT DATE = 2/27/2026	CHECKED -	REVISED -
	DATE - 04/30/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

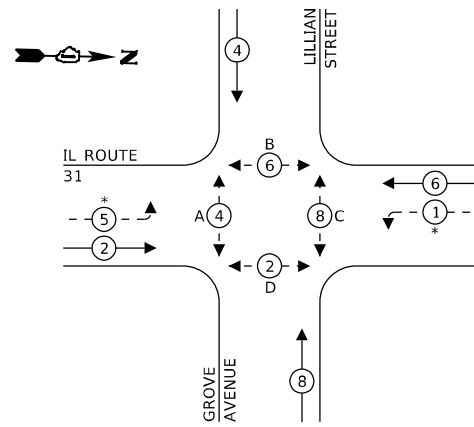
TEMPORARY TRAFFIC SIGNAL INSTALLATION
ILLINOIS ROUTE 31 AND LILLIAN STREET/GROVE AVENUE

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	380
			CONTRACT NO. 62U72	
ILLINOIS FED. AID PROJECT				

TS 11890
IDOT TACTICS
ZONE 40

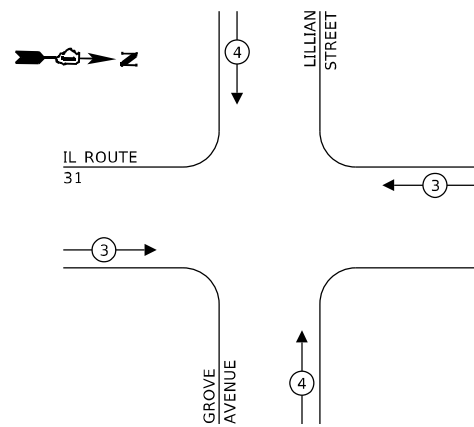
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

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

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



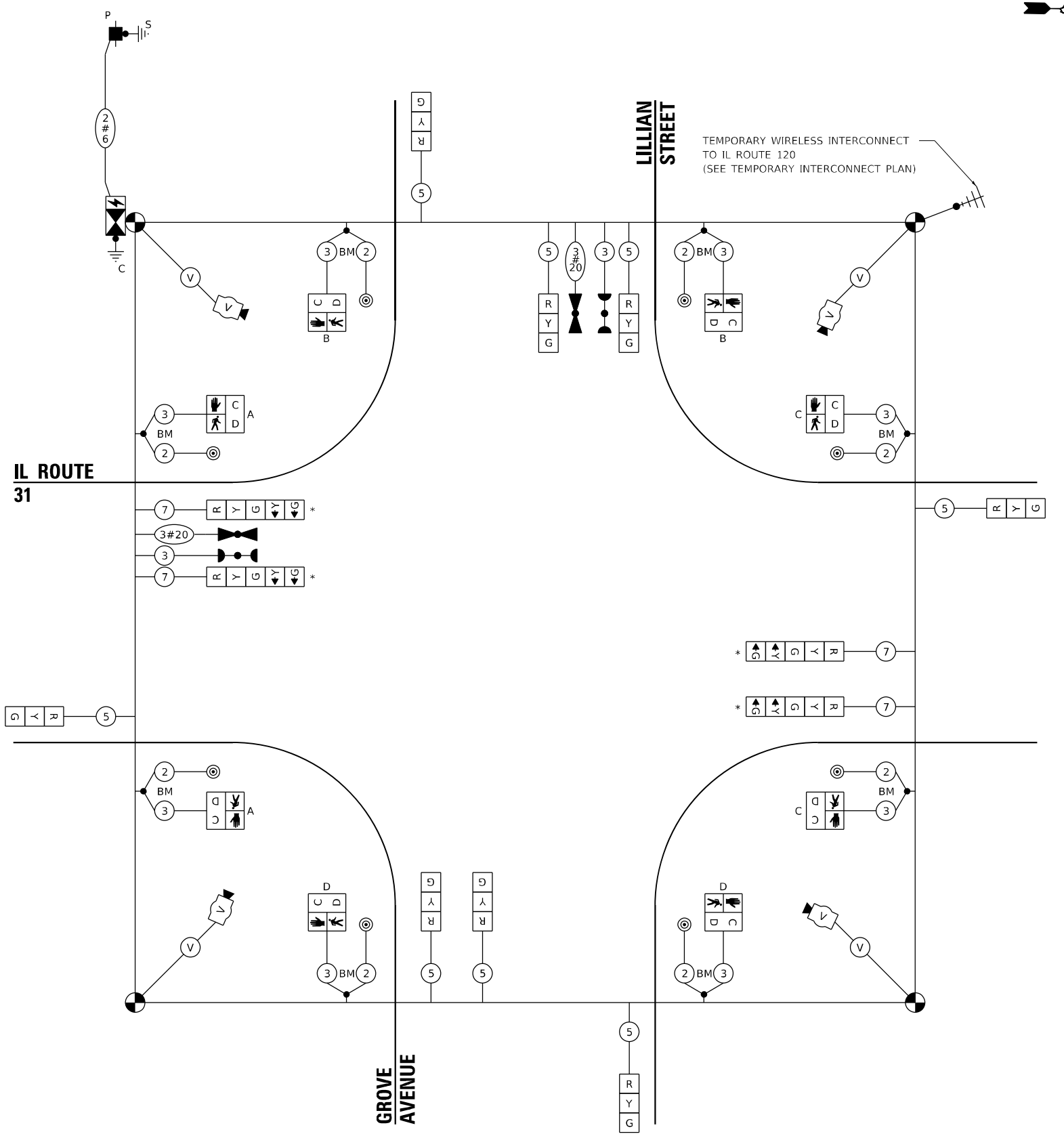
PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

- NOTES:
- A, B, C PEDESTRIAN SIGNAL HEAD TO BE BAGGED AND DE-ENERGIZED DURING MOT PRE-STAGE, 2, 2A, 2B & 3A
 - A, C, D PEDESTRIAN SIGNAL HEAD TO BE BAGGED AND DE-ENERGIZED DURING MOT STAGE 1, 1A & 1B
 - A, C PEDESTRIAN SIGNAL HEAD TO BE BAGGED AND DE-ENERGIZED DURING MOT STAGE 3
 - C, D PEDESTRIAN SIGNAL HEAD TO BE BAGGED AND DE-ENERGIZED DURING MOT STAGE 3B
 - * LEFT TURN ARROWS TO BE BAGGED AND CORRESPONDING PHASES SHALL BE DEACTIVATED DURING MOT STAGES 1, 1A, 1B, 2, 2A & 2B

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	4	20	80
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING	395		
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING	1,000		

ENERGY COSTS TO:
 CITY OF MCHENRY
 333 S. GREEN ST
 MCHENRY, IL 60050
 ENERGY SUPPLY: CONTACT: CASSIE EVANS
 PHONE: (773) 241-0741
 COMPANY: COMED
 ACCOUNT NUMBER: 68835-56000
 METER NUMBER: ---



CABLE PLAN
(NOT TO SCALE)

TS SHT NO.

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 DATE: 2/27/2024



USER NAME = akshar.patel
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 2/27/2024

DESIGNED - BT
 DRAWN - AP
 CHECKED -
 DATE - 04/30/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

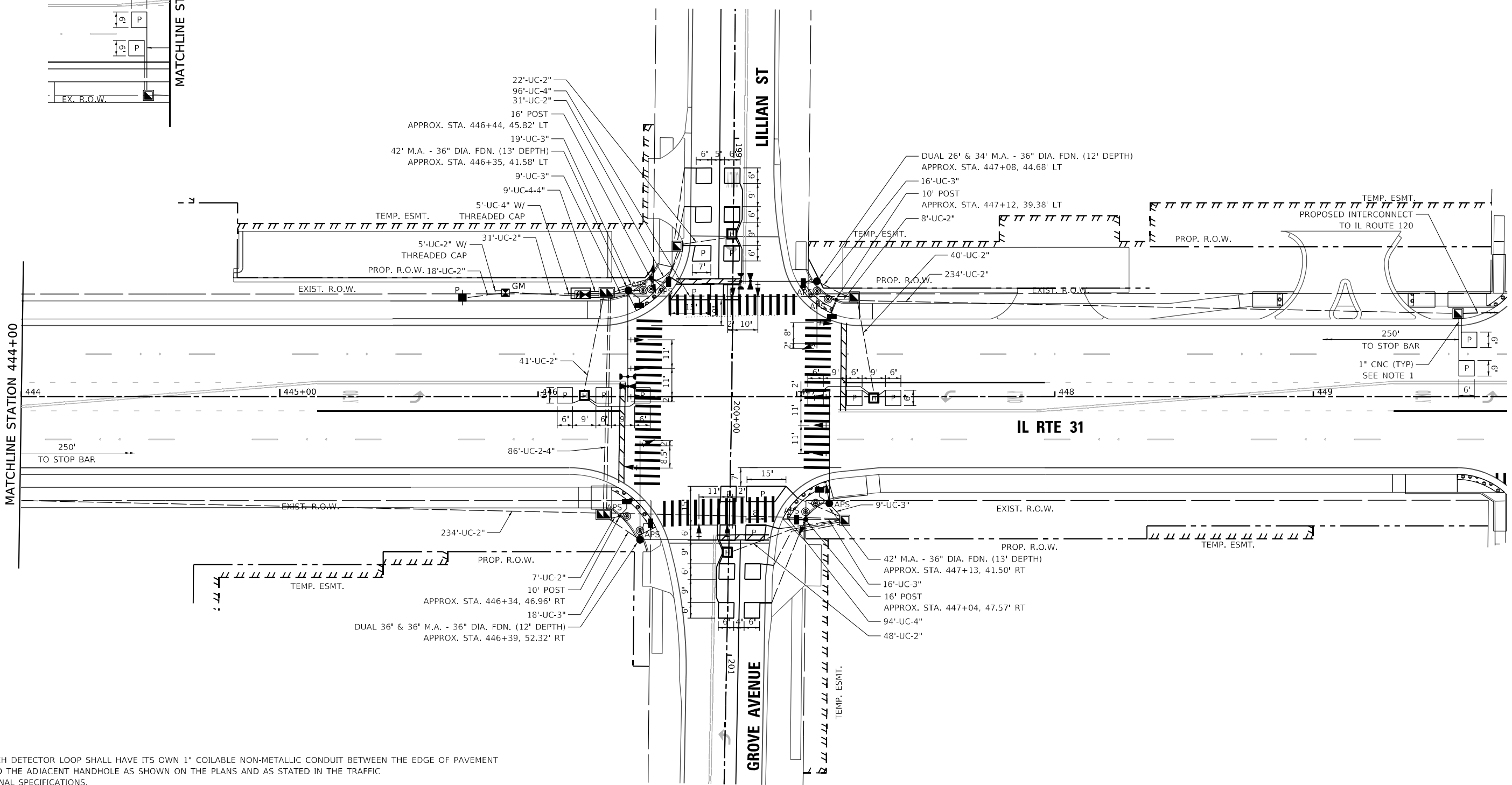
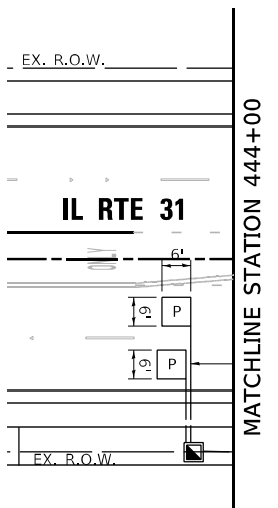
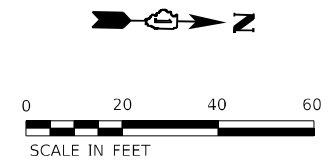
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, PHASE DIAGRAM & EVP SEQUENCE
 ILLINOIS ROUTE 31 AND LILLIAN STREET/GROVE AVENUE

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	381
CONTRACT NO. 62U72			ILLINOIS FED. AID PROJECT	

TS 11890
 IDOT TACTICS
 ZONE 40



NOTES

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. THE MOUNTING LOCATIONS OF THE VIDEO DETECTORS WILL BE DETERMINED PER MANUFACTURER'S RECOMMENDATION.

TS SHT NO.

MODEL: P:\default... FILE NAME: P:\default... CADD SHEETS: TS-SHT-15-PLA-01.dwg



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	DRAWN - AP	REVISED -
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PLOT DATE = 2/27/2026	DATE - 04/30/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

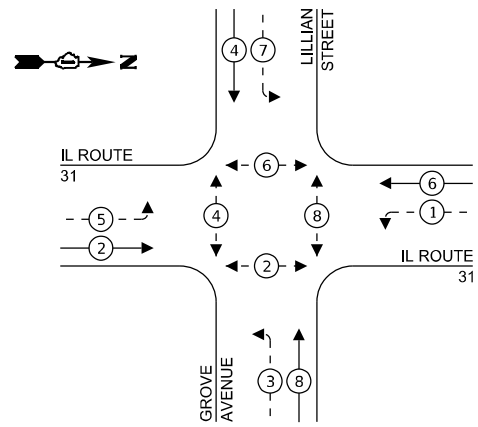
**TRAFFIC SIGNAL MODERNIZATION PLAN
ILLINOIS ROUTE 31 AND LILLIAN STREET/GROVE AVENUE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	382
CONTRACT NO. 62U72			ILLINOIS FED. AID PROJECT	

**TS 11890
IDOT TACTICS
ZONE 40**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. TO STA.

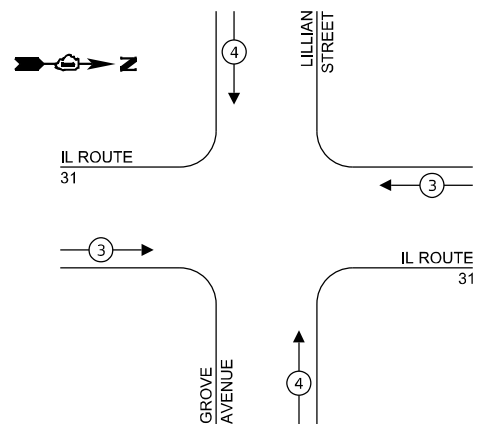
PROPOSED CONTROLLER SEQUENCE



LEGEND:

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

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



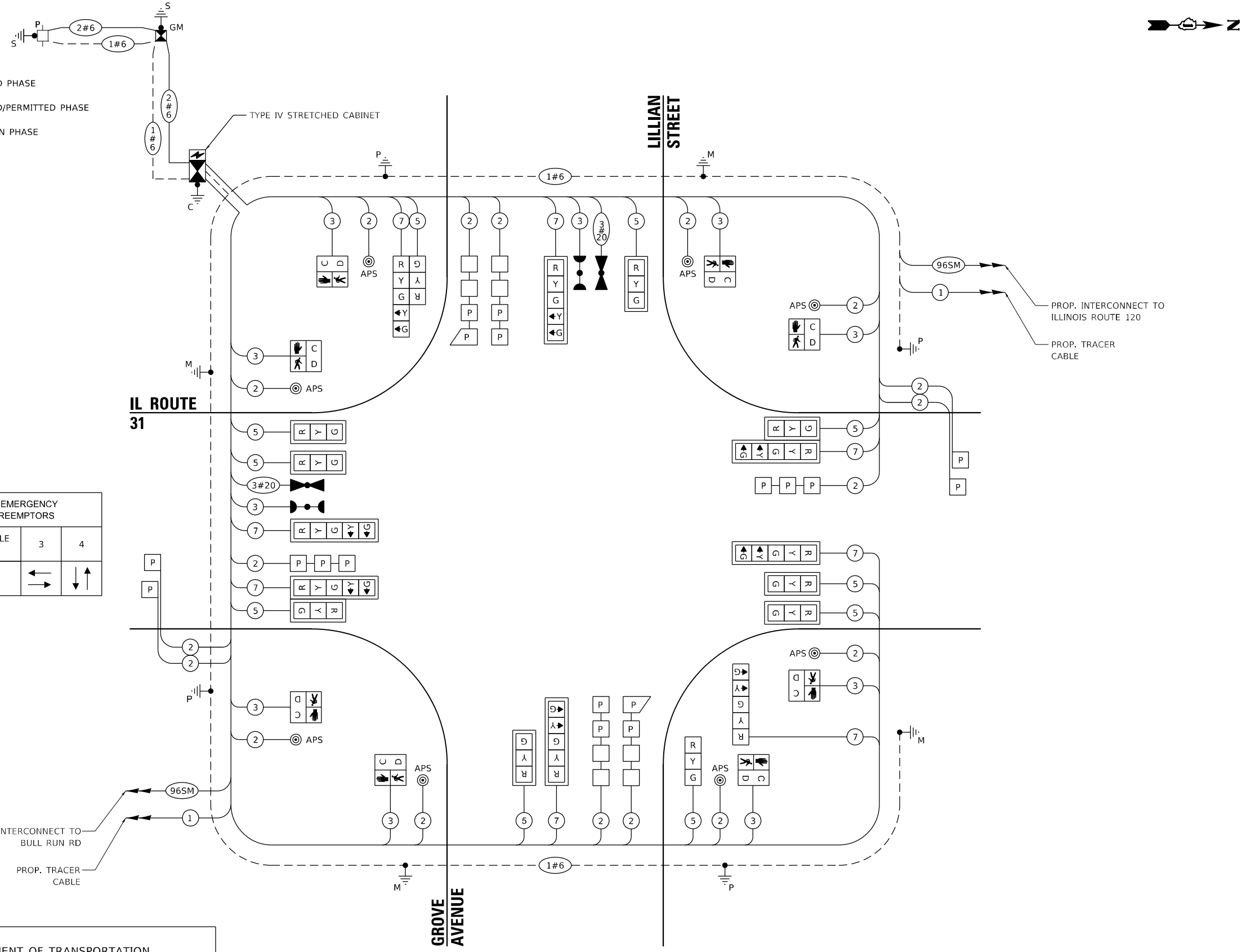
PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	10	11	111
4-SECTION	-	14	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	8	15	120
MASTER CONTROLLER	1	150	150
UPS	-	100	-
DETECTION RADAR OR VIDEO	1	25	25
BLANK-OUT SIGN	1	25	25
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING	550		
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING	1,155		

ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 CENTER CT
 SCHAUMBURG, IL 60196
 ENERGY SUPPLY: CONTACT: CASSIE EVANS
 PHONE: 773-241-0741
 COMPANY: COMED
 ACCOUNT NUMBER: 68835-56000
 METER NUMBER: ---

NOTE:
 1. ALL RED INDICATIONS SHALL HAVE A LENS COVER



CABLE PLAN
(NOT TO SCALE)

TS SHT NO.

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 PLOT DATE = 2/27/2026

DESIGNED - BT	REVISED -
DRAWN - AP	REVISED -
CHECKED -	REVISED -
DATE - 04/30/2024	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

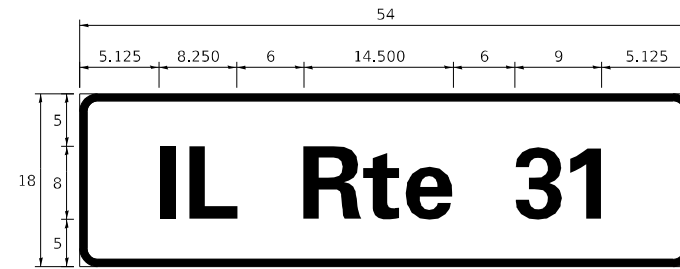
CABLE PLAN, PHASE DIAGRAM, AND EVP SEQUENCE
 ILLINOIS ROUTE 31 AND LILLIAN STREET/GROVE AVENUE
 SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	383
			CONTRACT NO. 62U72	
		ILLINOIS FED. AID PROJECT		

TS 11890
 IDOT TACTICS
 ZONE 40

SIGN PANEL – TYPE 1 OR TYPE 2

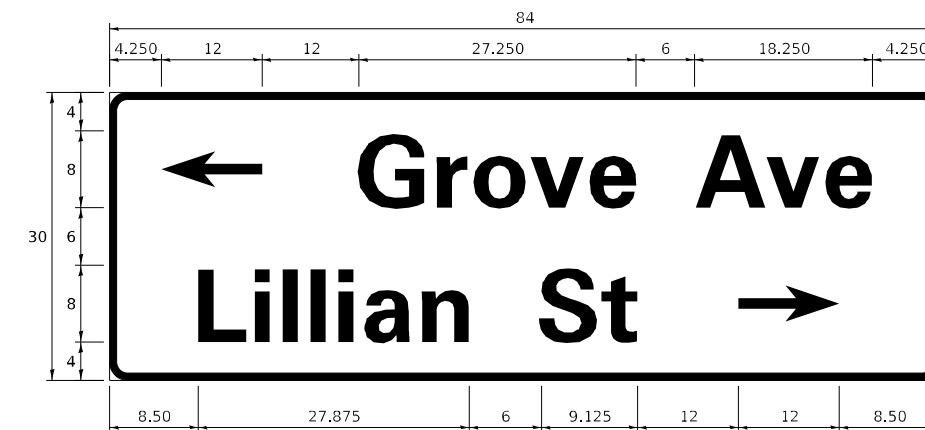
ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	6.75	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	12.5	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	12.5	2	ZZ	1

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
SIGN PANEL - TYPE 1	SQ FT	13.5
SIGN PANEL - TYPE 2	SQ FT	25
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	688
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	78
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	403
HANDHOLE	EACH	5
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	972
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1314
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1266
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	955
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1832
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	72
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	509
TRAFFIC SIGNAL POST, 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 26 FT. AND 34 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 36 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE D	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	50
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	6
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	14
INDUCTIVE LOOP DETECTOR	EACH	10
DETECTOR LOOP, TYPE I	FOOT	320
* LIGHT DETECTOR	EACH	2
* LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	5
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	303
RELOCATE SWITCH	EACH	2
SERVICE INSTALLATION - GROUND MOUNTED, METERED	EACH	1
TERMINATE FIBER IN CABINET	EACH	8
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE IV STRETCHED CABINET (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
LED SIGNAL FACE, LENS COVER	EACH	18
PREFORMED DETECTOR LOOP	FOOT	615
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

*100% COSTS TO MCHENRY TOWNSHIP FIRE PROTECTION DISTRICT

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

TS SHT NO. 16

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PLOT SCALE = 40.0000' / in.	DRAWN - AP	REVISED -
PLOT DATE = 4/29/2026	CHECKED -	REVISED -
	DATE - 04/30/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND SOO
ILLINOIS ROUTE 31 AND LILLIAN STREET/GROVE AVENUE

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	MCHENRY	575	384
CONTRACT NO.			62U72	
ILLINOIS		FED. AID PROJECT		

TS 11890
IDOT TACTICS
ZONE 40

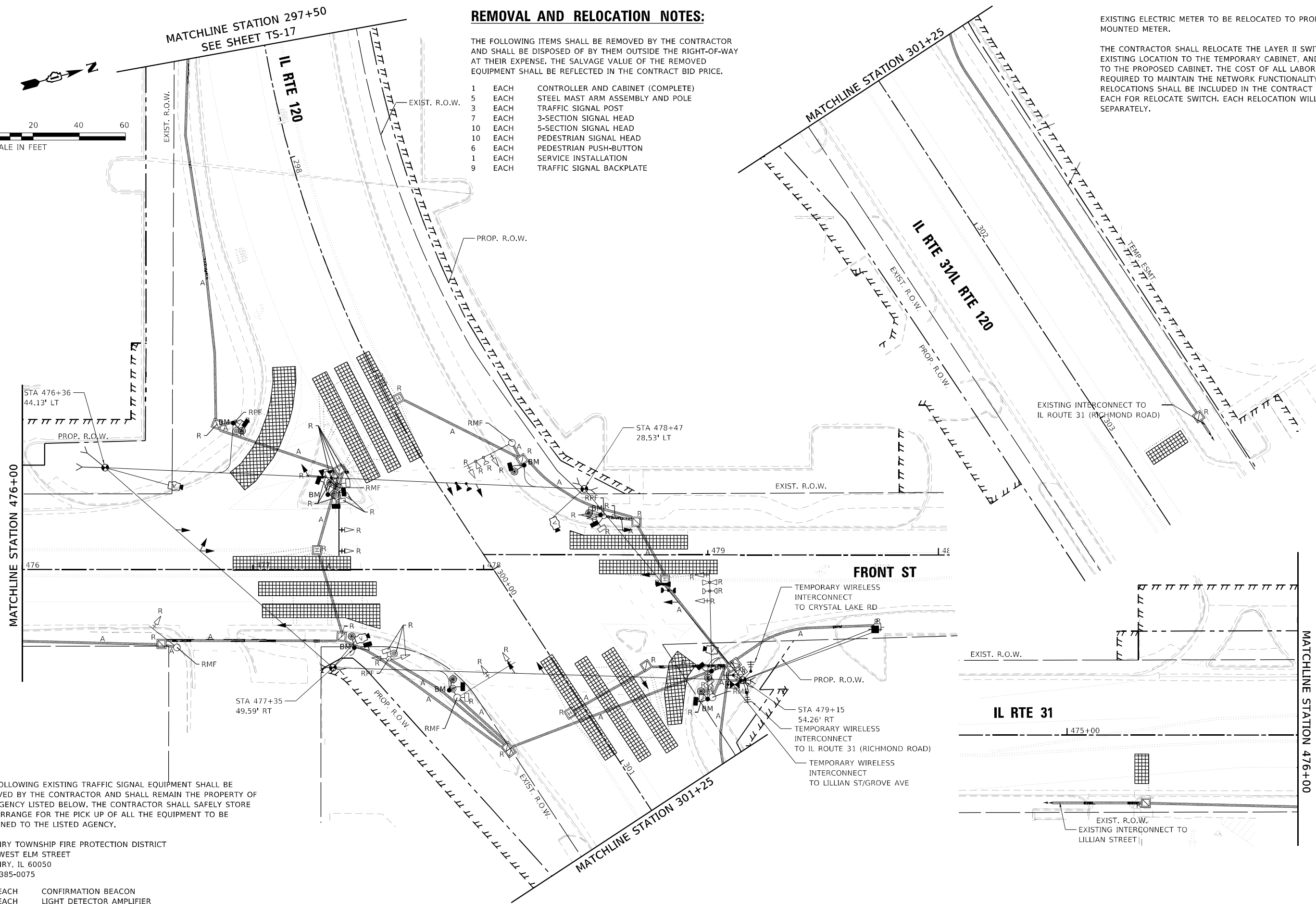
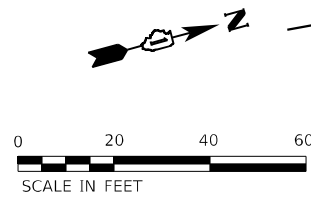
REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 5 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 3 EACH TRAFFIC SIGNAL POST
- 7 EACH 3-SECTION SIGNAL HEAD
- 10 EACH 5-SECTION SIGNAL HEAD
- 10 EACH PEDESTRIAN SIGNAL HEAD
- 6 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH SERVICE INSTALLATION
- 9 EACH TRAFFIC SIGNAL BACKPLATE

EXISTING ELECTRIC METER TO BE RELOCATED TO PROPOSED GROUND MOUNTED METER.

THE CONTRACTOR SHALL RELOCATE THE LAYER II SWITCH FROM THE EXISTING LOCATION TO THE TEMPORARY CABINET, AND SUBSEQUENTLY TO THE PROPOSED CABINET. THE COST OF ALL LABOR AND MATERIAL REQUIRED TO MAINTAIN THE NETWORK FUNCTIONALITY DURING THE RELOCATIONS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR RELOCATE SWITCH. EACH RELOCATION WILL BE PAID FOR SEPARATELY.



THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

MCHENRY TOWNSHIP FIRE PROTECTION DISTRICT
3610 WEST ELM STREET
MCHENRY, IL 60050
(815) 385-0075

- 3 EACH CONFIRMATION BEACON
- 1 EACH LIGHT DETECTOR AMPLIFIER
- 3 EACH LIGHT DETECTOR

TS SHT NO.

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DRAWN	- AP
PLOT SCALE	= 40.0000' / in.
PLOT DATE	= 2/27/2026

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DATE	-	REVISED	-

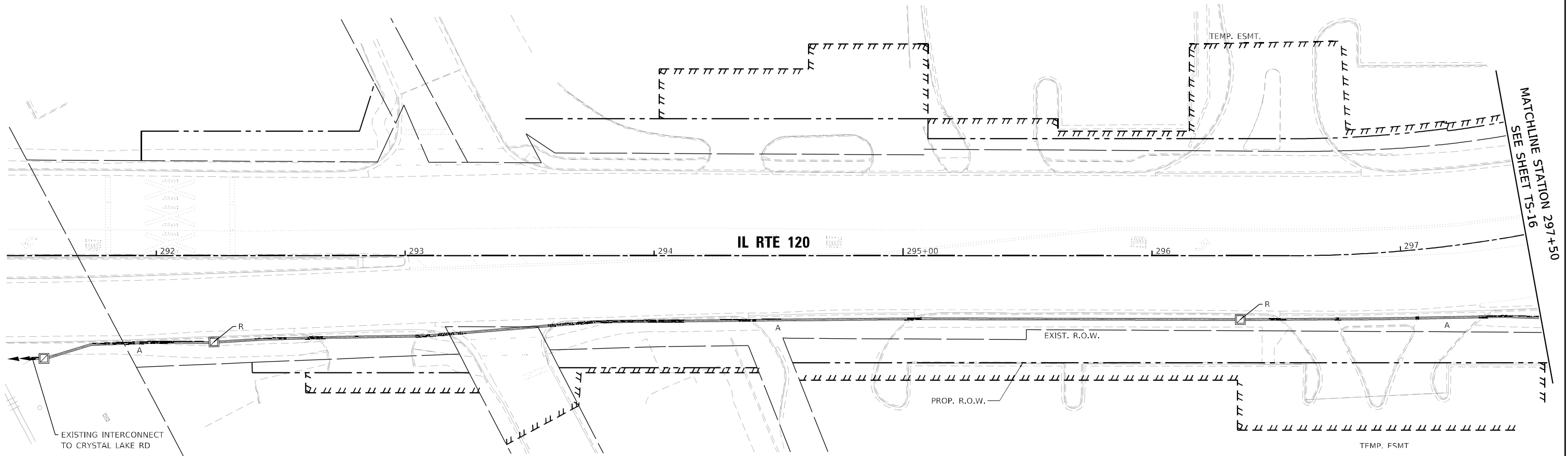
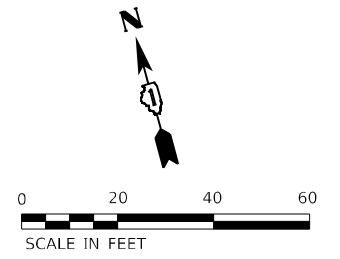
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 31 AND ILLINOIS ROUTE 120

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	MCHENRY	575	385
			CONTRACT NO. 62U72	
		ILLINOIS	FED. AID PROJECT	

TS 7285
IDOT TACTICS
ZONE 40



TS SHT NO.

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PLOT DATE = 2/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 31 AND ILLINOIS ROUTE 120

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	386
CONTRACT NO.			62U72	
ILLINOIS		FED. AID PROJECT		

TS 7285
IDOT TACTICS
ZONE 40

TS SHT NO.

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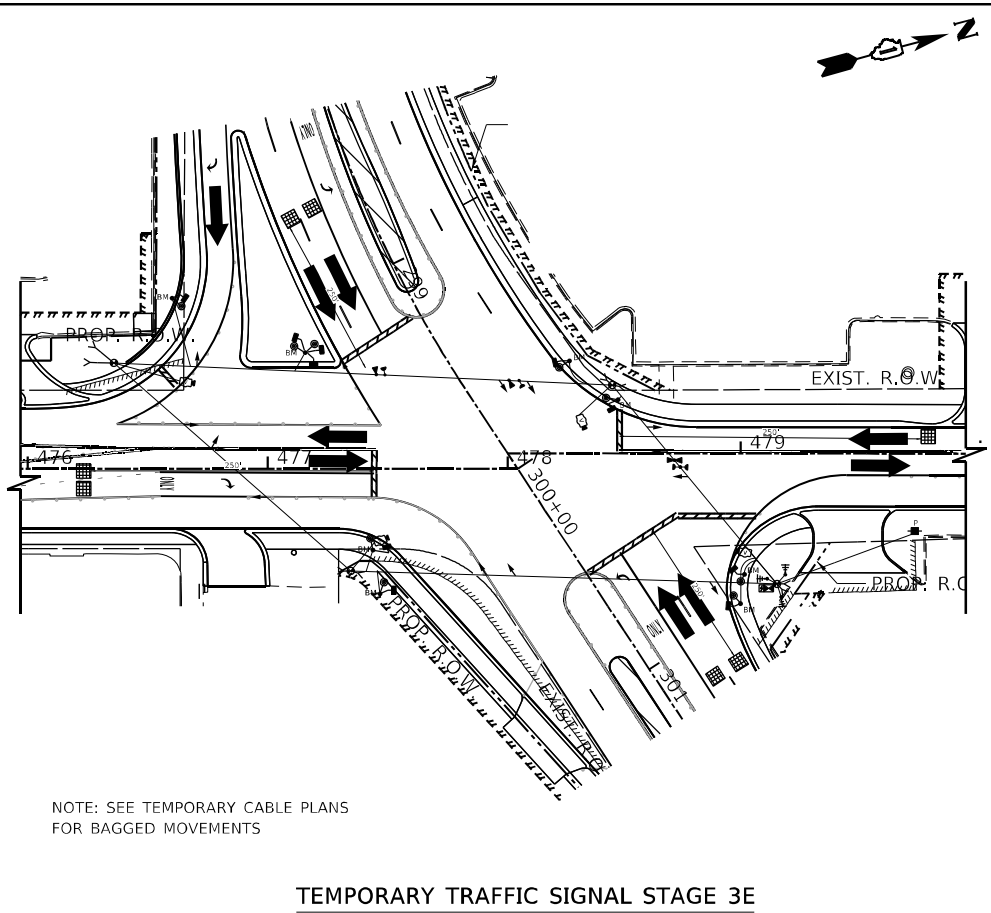
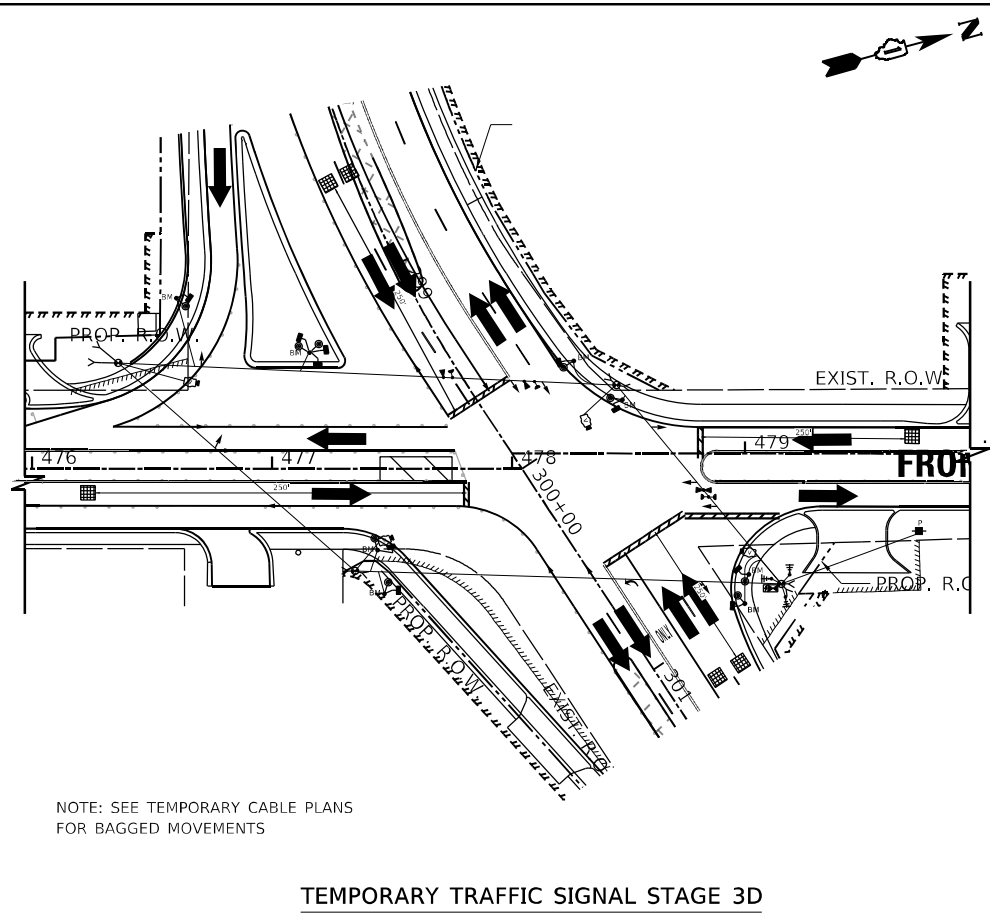
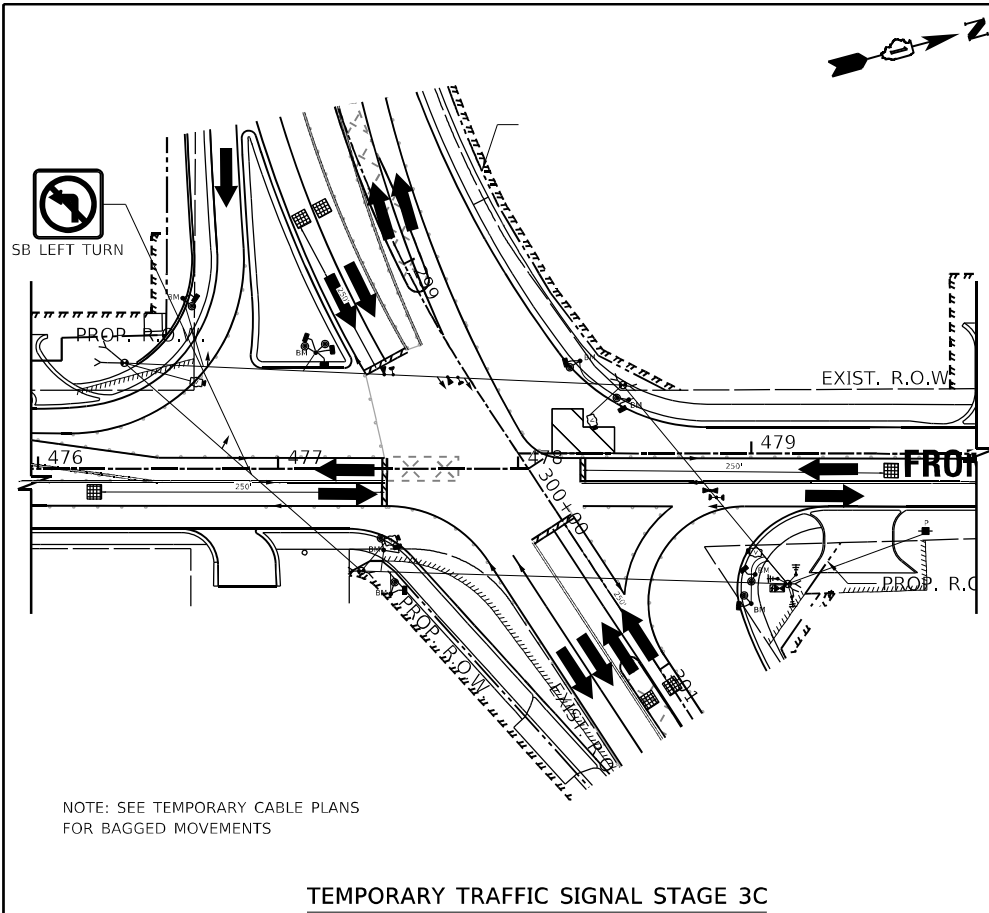
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

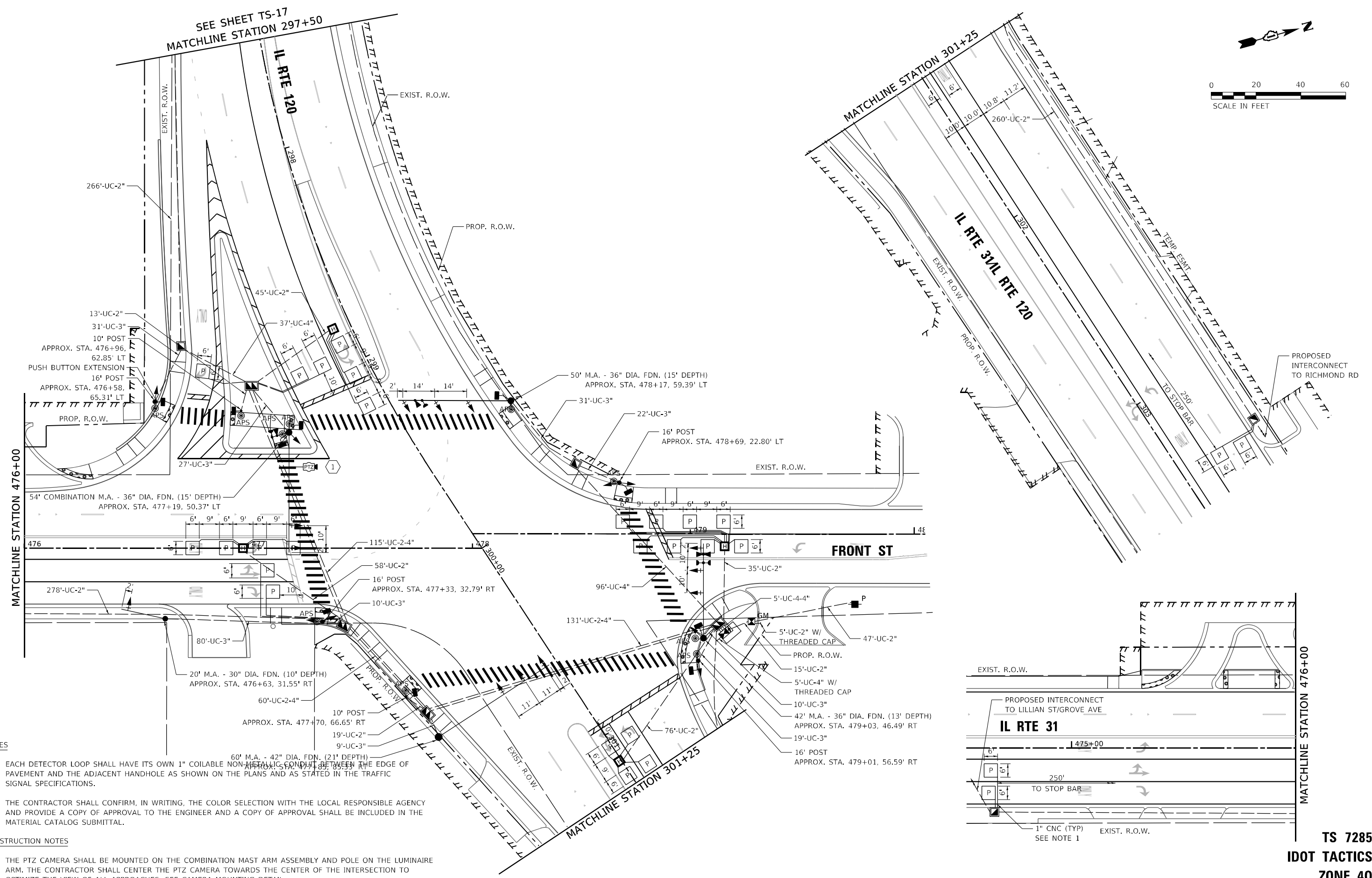
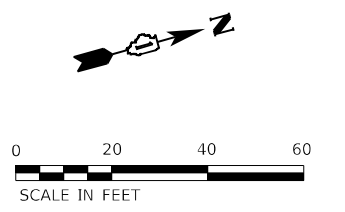
TEMPORARY TRAFFIC SIGNAL INSTALLATION
ILLINOIS ROUTE 31 AND ILLINOIS ROUTE 120

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	389
			CONTRACT NO. 62U72	
		ILLINOIS	FED. AID PROJECT	

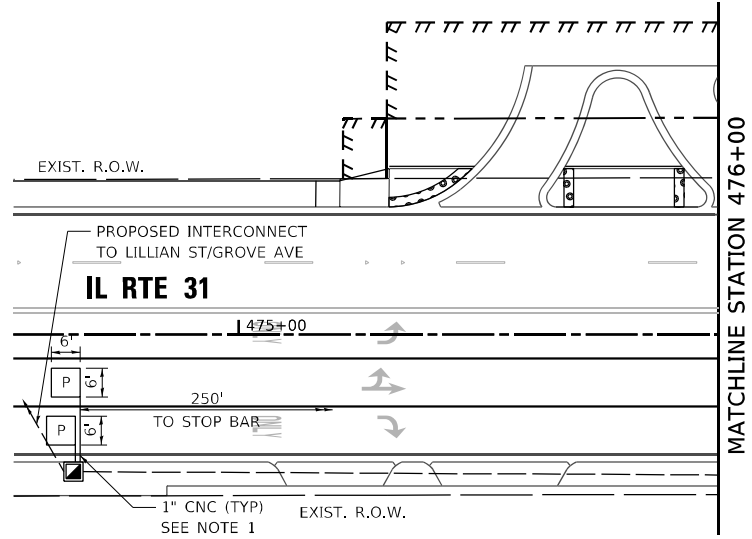
TS 7285
IDOT TACTICS
ZONE 40





- NOTES**
1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
 2. THE CONTRACTOR SHALL CONFIRM, IN WRITING, THE COLOR SELECTION WITH THE LOCAL RESPONSIBLE AGENCY AND PROVIDE A COPY OF APPROVAL TO THE ENGINEER AND A COPY OF APPROVAL SHALL BE INCLUDED IN THE MATERIAL CATALOG SUBMITTAL.

- CONSTRUCTION NOTES**
- 1 THE PTZ CAMERA SHALL BE MOUNTED ON THE COMBINATION MAST ARM ASSEMBLY AND POLE ON THE LUMINAIRE ARM. THE CONTRACTOR SHALL CENTER THE PTZ CAMERA TOWARDS THE CENTER OF THE INTERSECTION TO OPTIMIZE THE VIEW OF ALL APPROACHES. SEE CAMERA MOUNTING DETAIL.



TS SHT NO.



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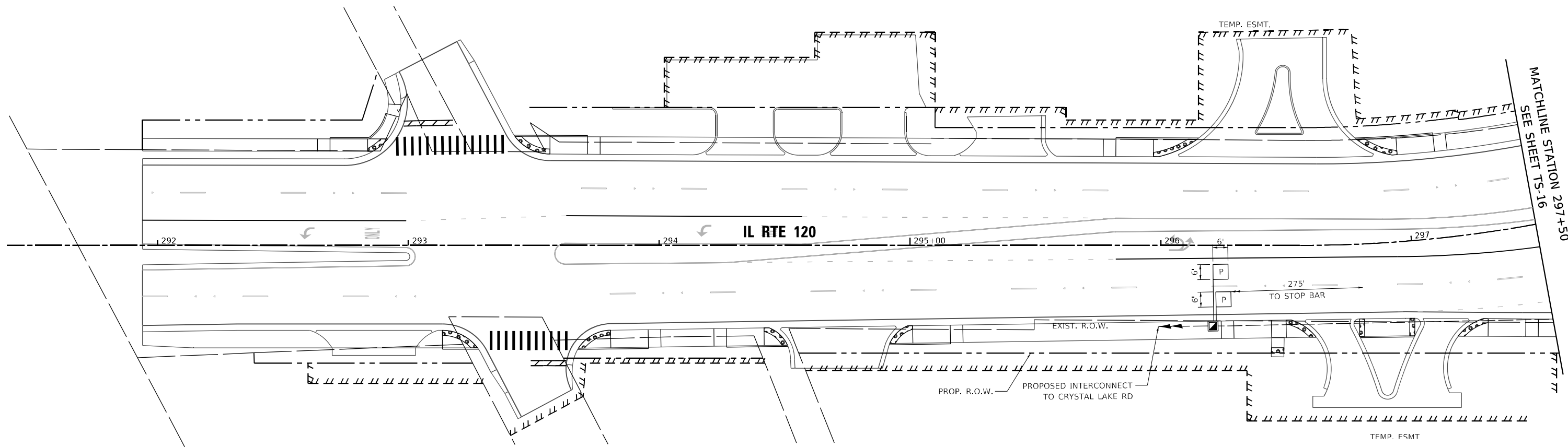
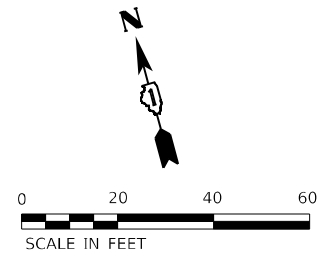
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
ILLINOIS ROUTE 31 AND ILLINOIS ROUTE 120**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	391
CONTRACT NO. 62U72			ILLINOIS FED. AID PROJECT	

**TS 7285
IDOT TACTICS
ZONE 40**



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PLOT DATE = 2/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

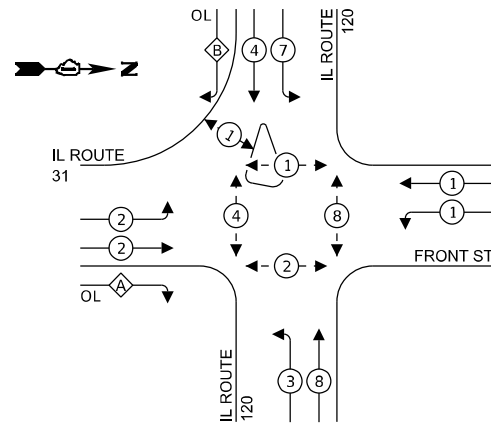
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 31 AND ILLINOIS ROUTE 120

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

TS 7285
IDOT TACTICS
ZONE 40

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	392
CONTRACT NO.			62U72	
ILLINOIS		FED. AID PROJECT		

PROPOSED CONTROLLER SEQUENCE



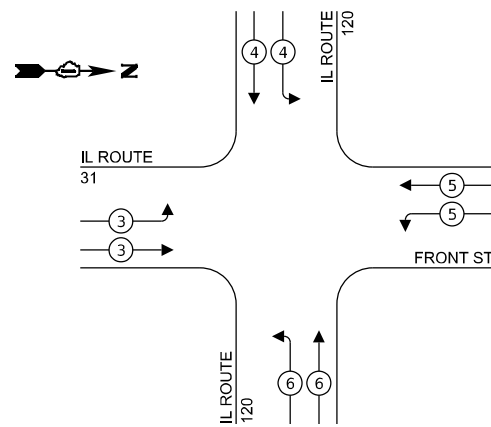
LEGEND:

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

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2 + 3	
B	= 4 + 2	

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	→	↓	←	↑

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

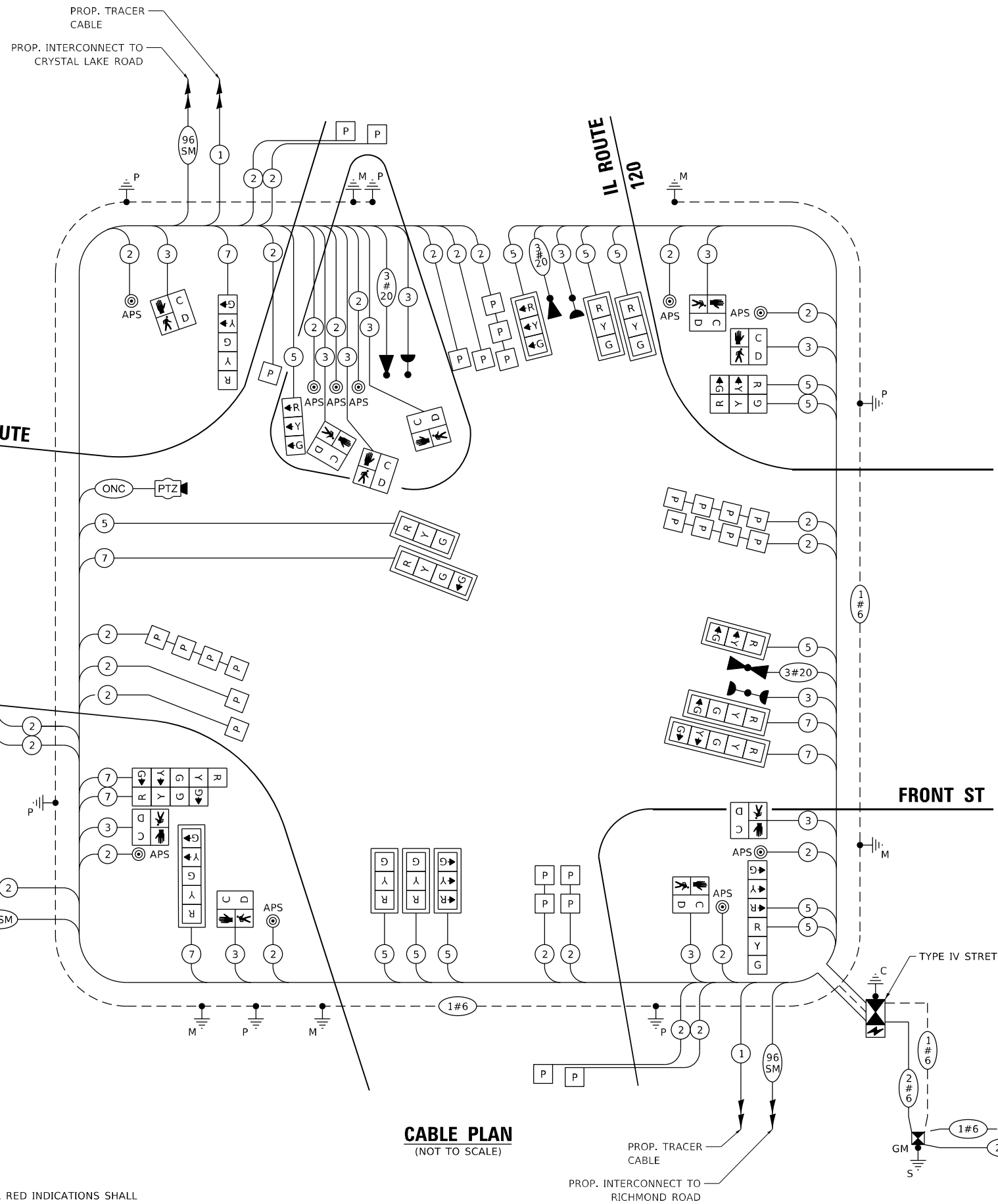
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	12	11	132
4-SECTION	4	14	56
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	10	15	150
MASTER CONTROLLER	-	150	-
UPS	1	100	100
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING	515		
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING	1,120		

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 CENTER CT
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: CASSIE EVANS
PHONE: 773-241-0741
COMPANY: COMED
ACCOUNT NUMBER: 68835-56000
METER NUMBER: ---

NOTE:
1. ALL RED INDICATIONS SHALL HAVE A LENS COVER



CABLE PLAN (NOT TO SCALE)

TS SHT NO.

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		DATE - 04/30/2024	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DIAGRAM, AND EVP SEQUENCE ILLINOIS ROUTE 31 AND ILLINOIS ROUTE 120

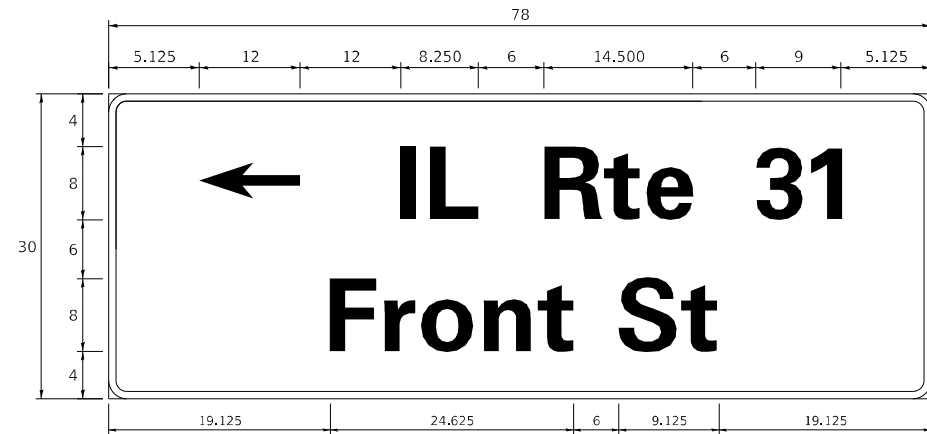
SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	393
			CONTRACT NO. 62U72	
		ILLINOIS FED. AID PROJECT		

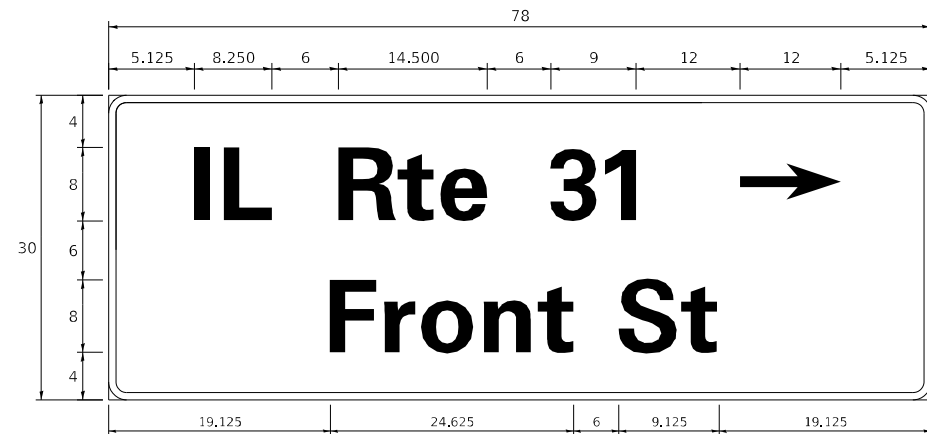
TS 7285 IDOT TACTICS ZONE 40

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	16.25	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	16.25	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	12.5	2	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
SIGN PANEL - TYPE 2	SQ FT	58
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1117
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	239
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	770
HANDHOLE	EACH	5
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	4
PAINT NEW TRAFFIC SIGNAL POST	EACH	5
PAINT NEW COMBINATION MAST ARM AND POLE, UNDER 40 FOOT	EACH	1
PAINT NEW COMBINATION MAST ARM AND POLE, 40 FOOT AND OVER	EACH	4
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2551
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3351
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2645
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2181
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5091
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	97
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1023
TRAFFIC SIGNAL POST, 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE D	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	43
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	10
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12
INDUCTIVE LOOP DETECTOR	EACH	17
* LIGHT DETECTOR	EACH	3
* LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	15
REMOVE EXISTING DOUBLE HANDHOLE	EACH	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	735
RELOCATE SWITCH	EACH	2
OUTDOOR RATED NETWORK CABLE	FOOT	399
SERVICE INSTALLATION - GROUND MOUNTED, METERED	EACH	1
TERMINATE FIBER IN CABINET	EACH	16
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE IV STRETCHED CABINET (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	1
POE EXTENDER	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
LED SIGNAL FACE, LENS COVER	EACH	20
PREFORMED DETECTOR LOOP	FOOT	1110
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

*100% COSTS TO MCHENRY TOWNSHIP FIRE PROTECTION DISTRICT

TS SHT NO. 26

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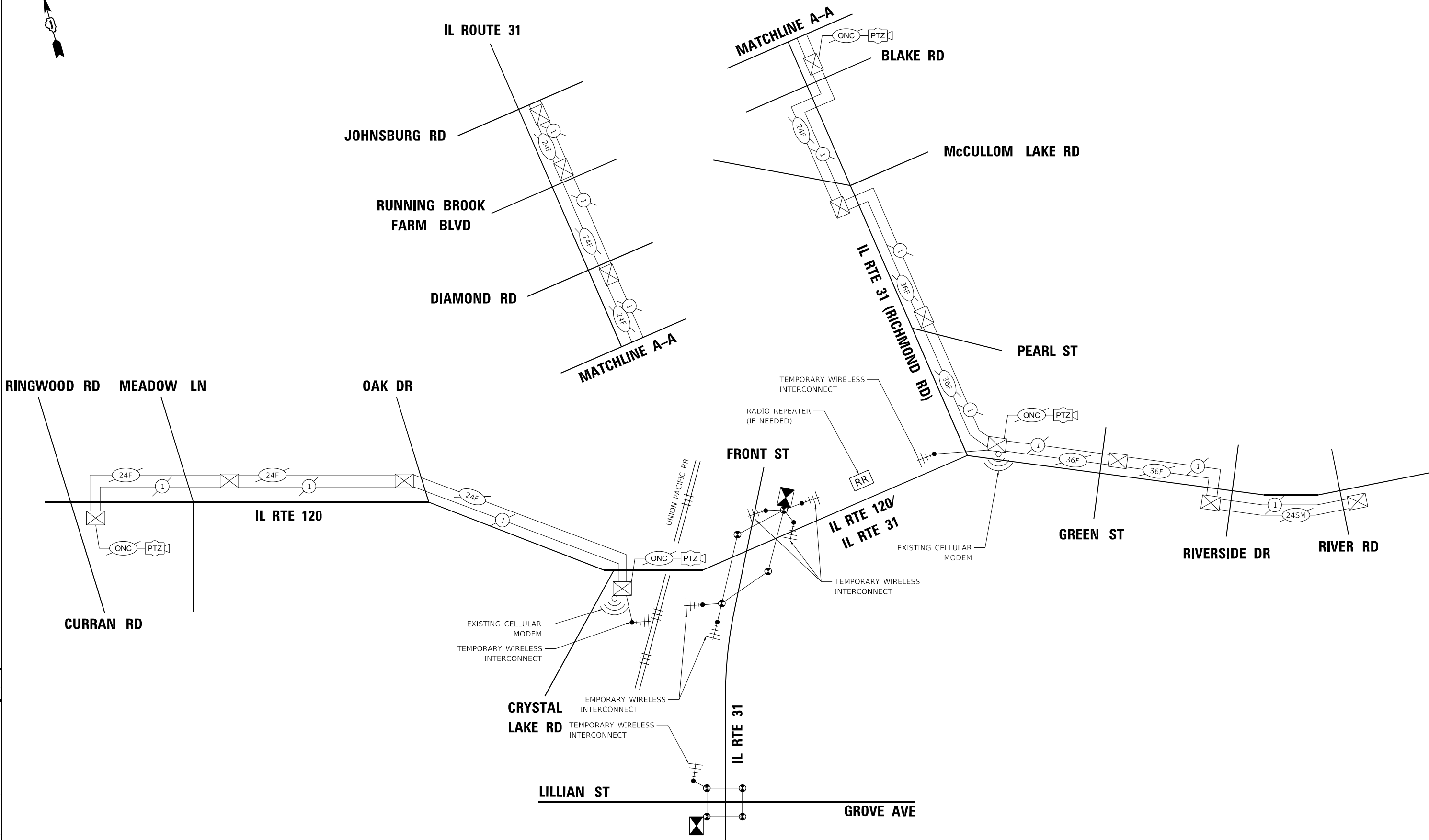
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND SOQ
ILLINOIS ROUTE 31 AND ILLINOIS ROUTE 120

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	MCHENRY	575	394
CONTRACT NO.			62U72	
ILLINOIS		FED. AID PROJECT		

TS 7285
IDOT TACTICS
ZONE 40



TS SHT NO.

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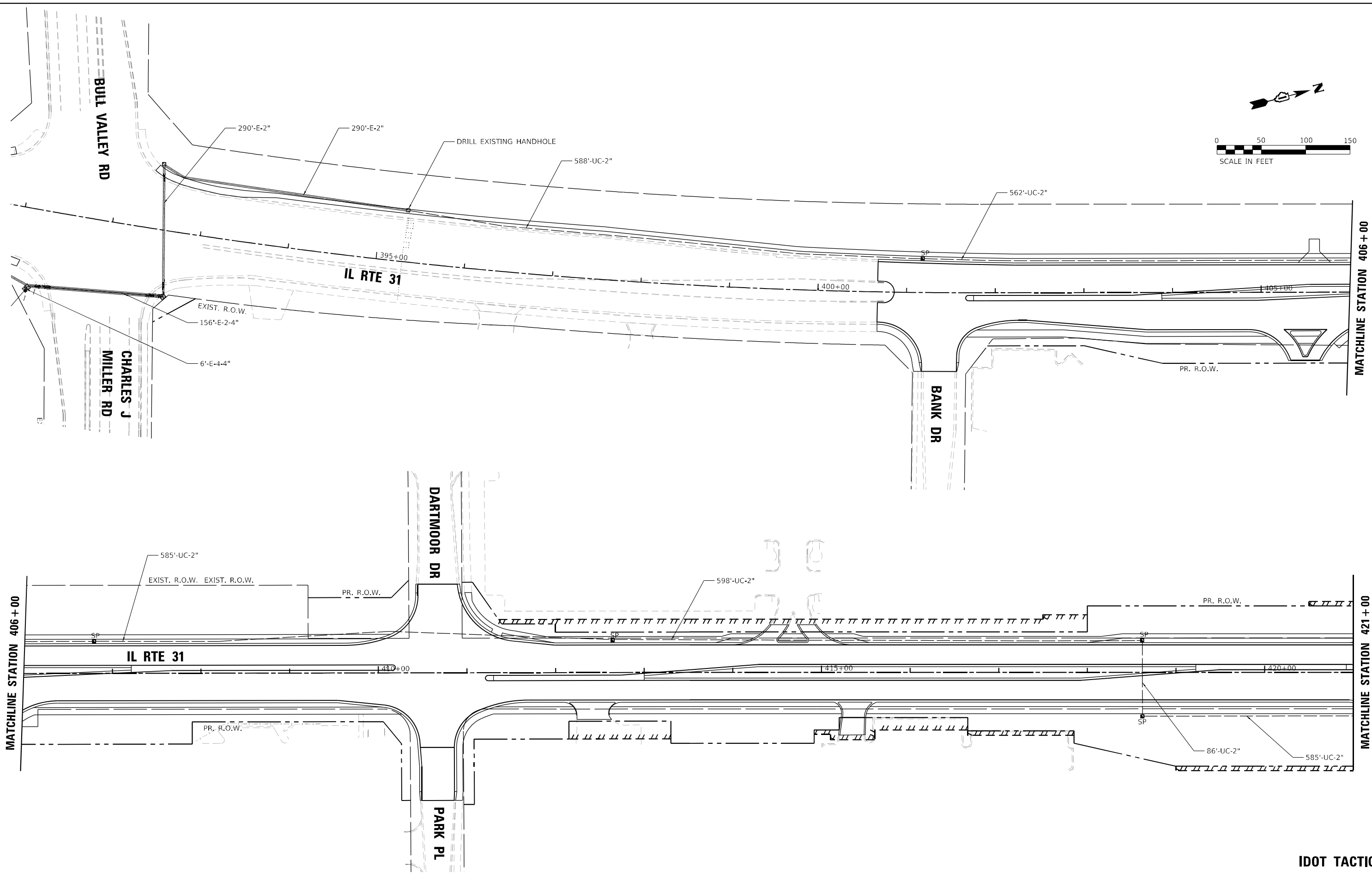
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT SCHEMATIC DIAGRAM
ILLINOIS ROUTE 31 – LILLIAN STREET TO ILLINOIS ROUTE 120**

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

**IDOT TACTICS
ZONE 40**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	396
			CONTRACT NO. 62U72	
ILLINOIS FED. AID PROJECT				



TS SHT NO.

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PLOT DATE = 2/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED INTERCONNECT PLAN
ILLINOIS ROUTE 31 – BULL RUN ROAD TO ILLINOIS ROUTE 120**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	FAP 336 23 RECON NORTH	McHENRY	575	397
			CONTRACT NO. 62U72	
		ILLINOIS FED. AID PROJECT		

**IDOT TACTICS
ZONE 7E**

