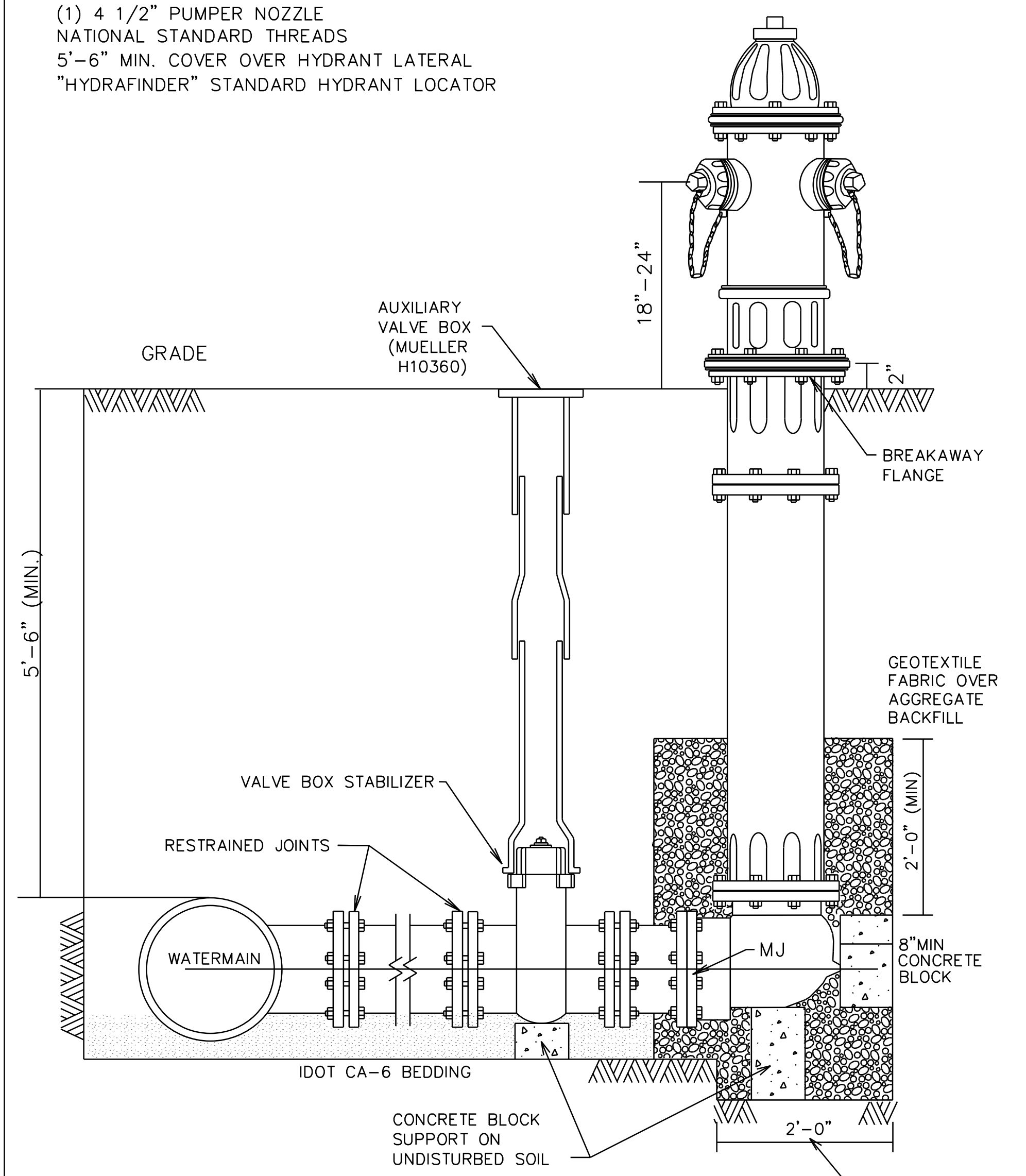


DATE	
BY	
PLAN	
NO. _____	
NOTE BOOK	
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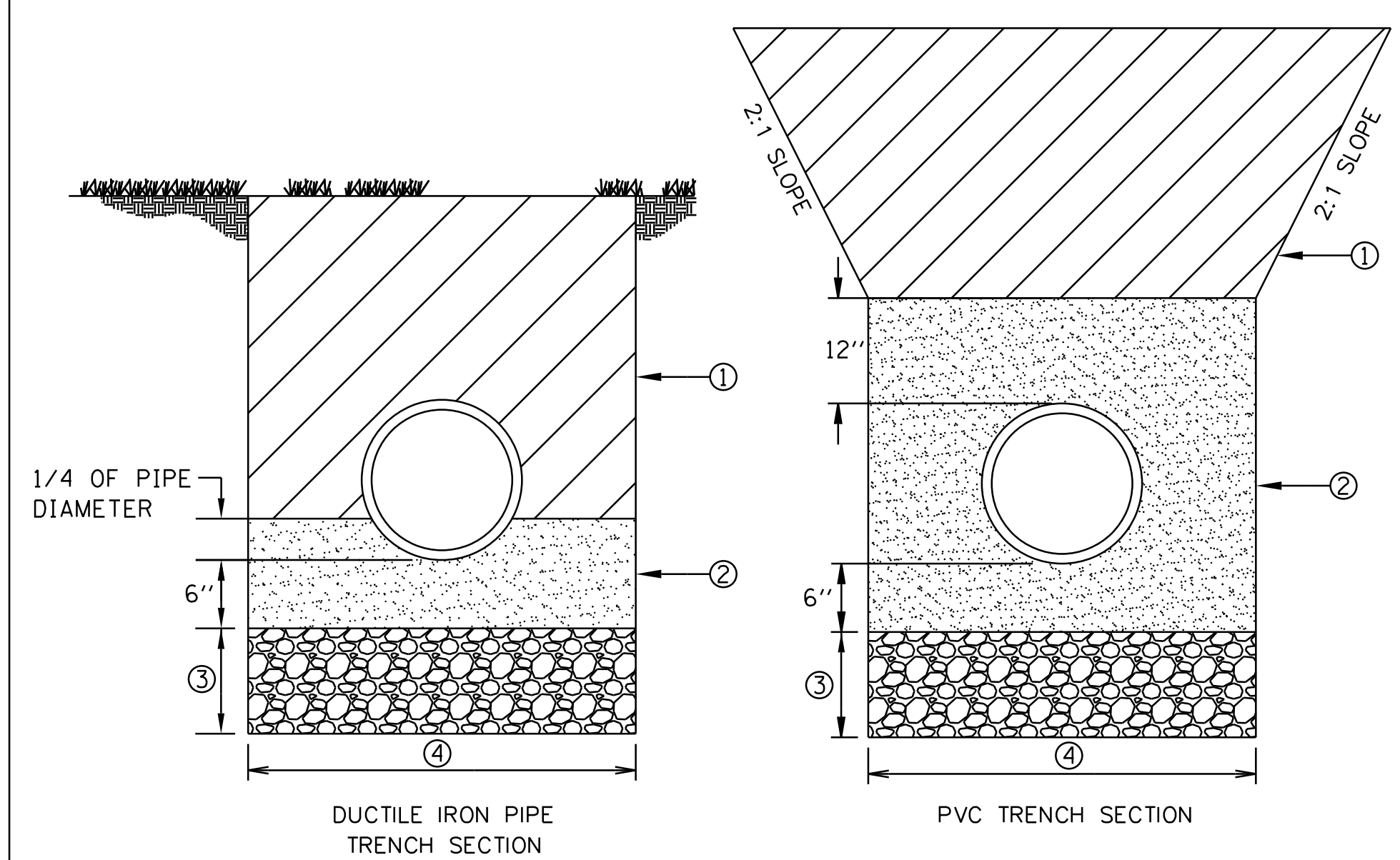
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HYDRANT SPECIFICATIONS:
 MUELLER HYDRANT, A423 CENTURION OR CLOW MEDALLION F2545
 PAINTED RED
 5-1/4" VALVE OPENING
 (2) 2 1/2" HOSE NOZZLES
 (1) 4 1/2" PUMPER NOZZLE
 NATIONAL STANDARD THREADS
 5'-6" MIN. COVER OVER HYDRANT LATERAL
 "HYDRAFINDER" STANDARD HYDRANT LOCATOR



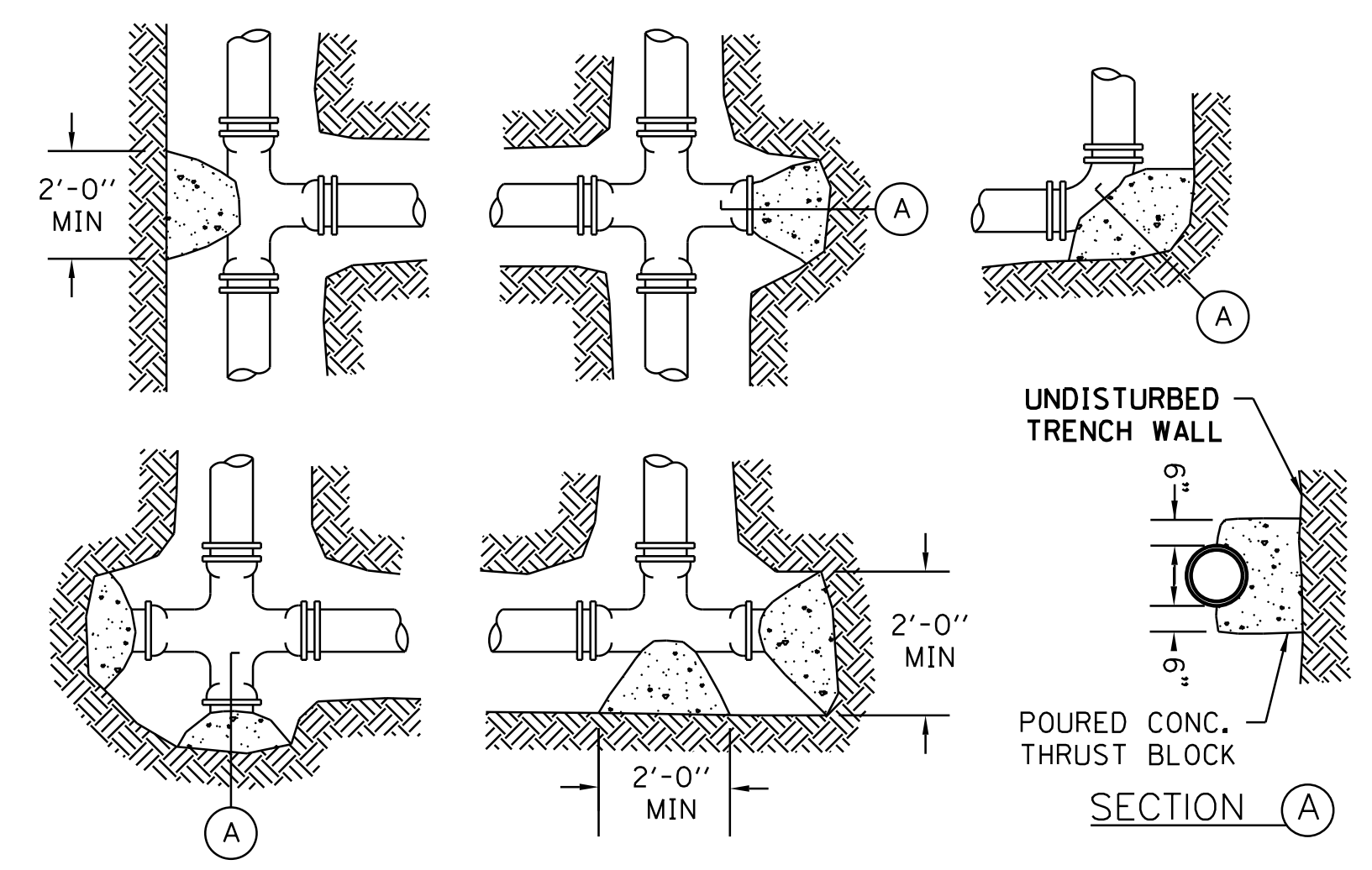
FIRE HYDRANT INSTALLATION
(N.T.S.)



- DUCTILE IRON PIPE TRENCH SECTION**
- PVC TRENCH SECTION**
- ① GRANULAR TRENCH BACKFILL WITHIN TWO (2) FEET OF EXISTING OR PROPOSED PAVEMENT, SIDEWALK, OR CURB & GUTTER. MACHINE BACKFILL OF EXCAVATED MATERIAL IN OTHER LOCATIONS.
 - ② GRANULAR BEDDING:
 DUCTILE IRON - SHALL CONFORM TO WASHED GRAVEL 3/4" TO 1/4" IN SIZE.
 PVC - SHALL CONFORM TO IDOT GRADATION CA-7 OR CA-11 CRUSHED IN ACCORDANCE WITH ASTM D-2321, CLASS I MATERIAL, TAMPED INTO PLACE.
 - ③ UNSTABLE MATERIAL TO BE REMOVED AND REPLACED (WHERE DIRECTED BY THE ENGINEER) WITH GRANULAR MATERIAL AND PAID FOR SEPARATELY.
 - ④ FOR TRENCH DEPTH < 5 FT: TRENCH WIDTH (MAX) = 9" + OD + 9"
 FOR TRENCH DEPTH > 5 FT: TRENCH WIDTH (MAX) = 18" + OD + 18"

- NOTES:**
1. THE COST OF ALL GRANULAR BEDDING (ITEM 2) TO BE MERGED WITH THE PIPE.
 2. ALL TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED.
 3. TRENCH WIDTHS SHOWN ARE APPROXIMATE. THE ACTUAL TRENCH WIDTHS IN UNSTABLE AND UNSUPPORTED SOILS ARE TO BE BASED ON THE SIZE AND THE STIFFNESS OF THE PIPE, STIFFNESS OF THE EMBEDMENT AND IN-SITU SOIL AND DEPTH OF COVER, PER ASTM D-2321.

TYPICAL TRENCH SECTION
DUCTILE IRON AND PVC PIPE
(N.T.S.)



SIZE (DIA. IN INCH.)	DEAD END OR TEE (SQ. FT.)	1/4 BEND 90° (SQ. FT.)	1/8 BEND 45° (SQ. FT.)	1/16 BEND 22.5° (SQ. FT.)	1/32 BEND 11.25° (SQ. FT.)
6	3.9	5.5	3.0	1.5	1.5
8	6.7	9.4	5.1	2.6	2.6
10	10.9	15.4	8.4	4.3	4.3
12	15.5	21.8	11.9	6.1	6.1
14	21.0	29.6	16.1	8.2	8.2
16	28.5	37.9	20.6	12.5	12.5
18	38.6	54.4	29.7	14.9	14.9
20	47.8	67.4	36.7	18.6	18.6
24	69.0	97.2	52.9	26.8	26.8

- NOTES:**
1. THE ABOVE TABLE IS BASED ON 2,000 PSF SOIL BEARING AGAINST THE UNDISTURBED TRENCH WALL AND ARE TO REPRESENT THE MINIMUM VERTICAL AREA OF THE THRUST BLOCK PERPENDICULAR TO THE FITTING INCLUDING THE ANGLE OF THE FITTING.
 2. THRUST BLOCKING TO PREVENT MOVEMENT OF LINES UNDER PRESSURE AT BENDS, TEES, CAPS, VALVES, HYDRANTS AND AT POINTS SPECIFIED SHALL BE CLASS "SI" CONCRETE. A MIN. OF 12" THICK, PLACED BETWEEN SOLID GROUND AND FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT PIPE AND FITTING WILL BE ACCESSIBLE FOR REPAIRS. THRUST BLOCK SHALL BE PLACED AT BENDS OF 11 1/4 OR MORE. RETAINER GLANDS MAY BE USED IN PLACE OF THRUST BLOCKS. THE COST OF THRUST BLOCKS OR RETAINER GLANDS SHALL BE INCLUDED IN THE COST OF THE FITTING.
 3. PROVIDE POLYETHYLENE ENCASEMENT THROUGHOUT THE ENTIRE LENGTH OF THE WATERMAIN.

THRUST BLOCK DETAIL
(N.T.S.)

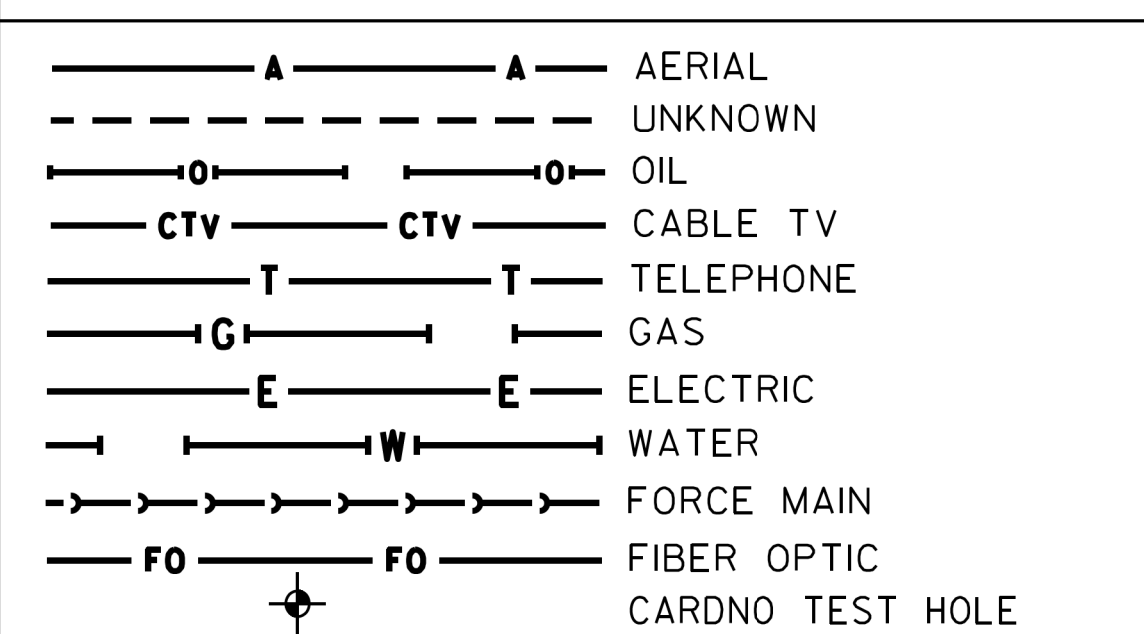
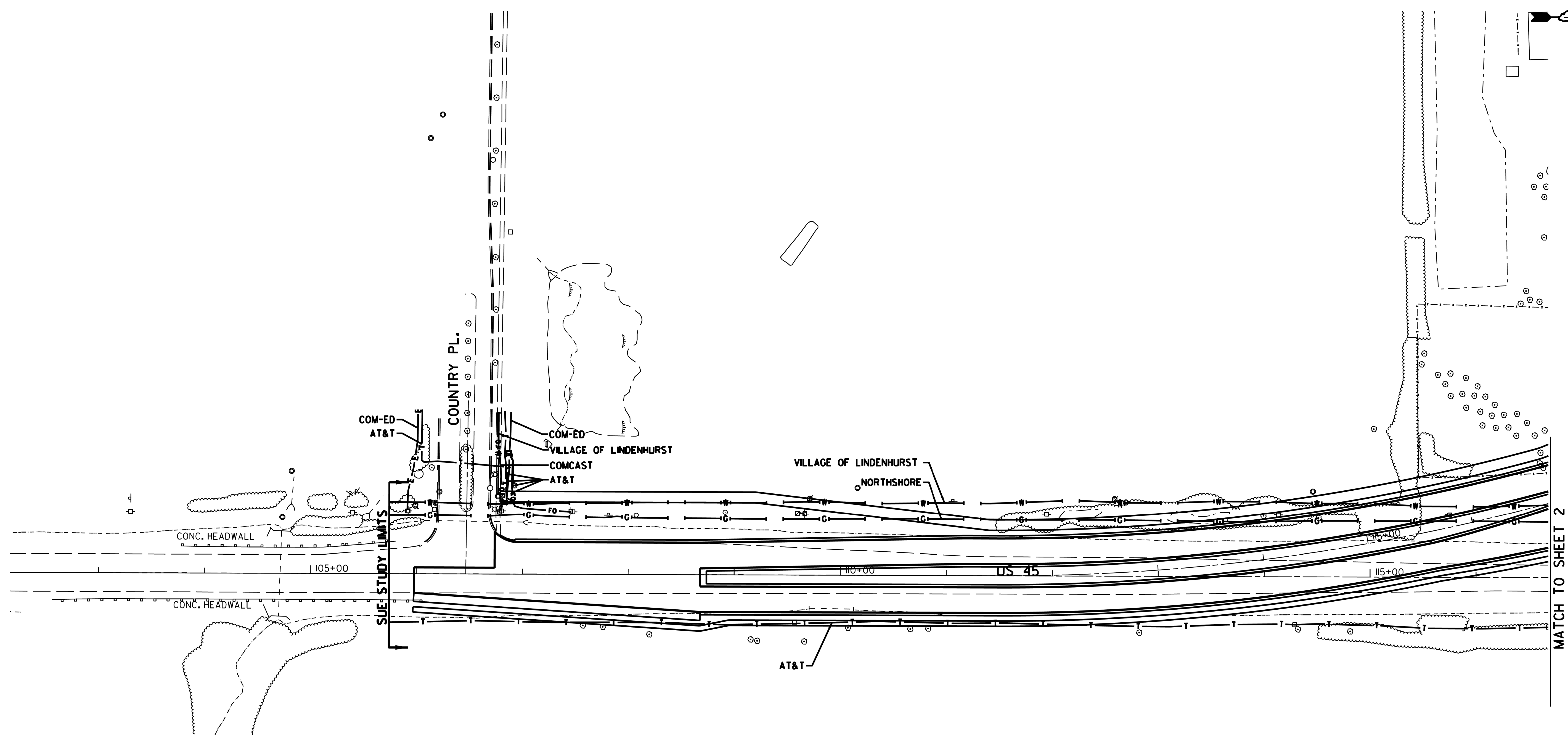
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PLOT DATE = 12/6/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN AND SANITARY SEWER CONSTRUCTION STANDARDS

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

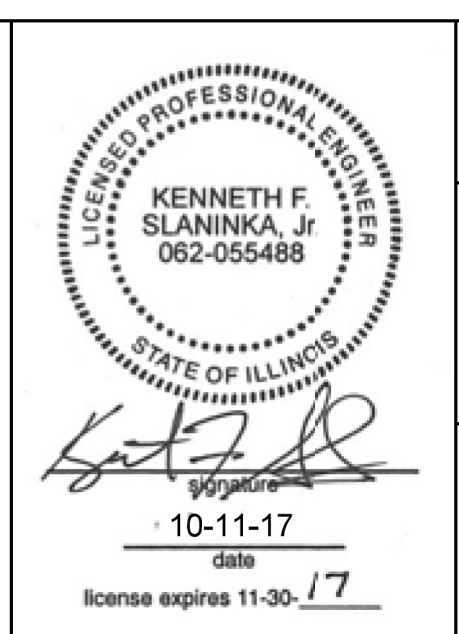
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	203
CONTRACT NO.			60T75	
ILLINOIS FED. AID PROJECT				



UTILITY OWNERS	
AT&T - FIBER OPTIC	
AT&T - TELEPHONE	
COM-ED - ELECTRIC	
COMCAST - FIBER OPTIC	
COMCAST - CATV	
NORTHSHORE - GAS	
T-MOBILE - FIBER OPTIC	
VILLAGE OF LINDENHURST - FORCE MAIN	
VILLAGE OF LINDENHURST - WATER	

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



Cardno

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630-344-3720 cwa@cwaland.com

Dynasty Group
Engineers & Surveyors

Cardno Job No. IL09510627, 753
SUE Plan Page: 1 of 8

Utility Quality Level "A": Visually Verified Test Hole	DESIGNED MS	REVISED -
Utility Quality Level "B": Designating/non Visually Verified Test Hole	DRAWN SRK	REVISED -
Utility Quality Level "C": Research with Survey	CHECKED MGR	REVISED -
Utility Quality Level "D": Records Research	DATE 11/04/14	REVISED -

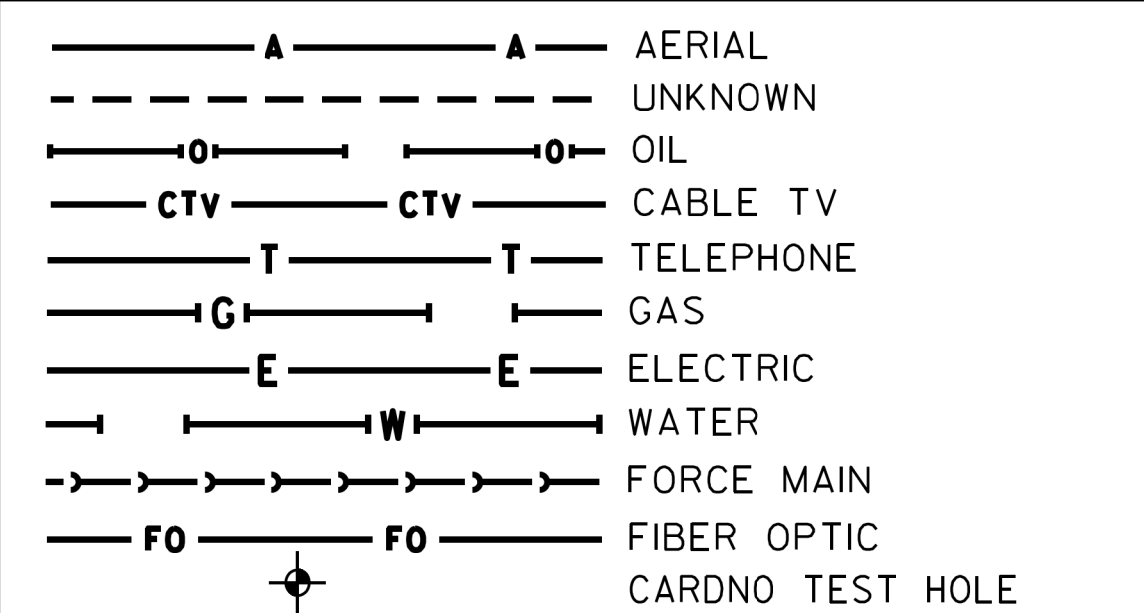
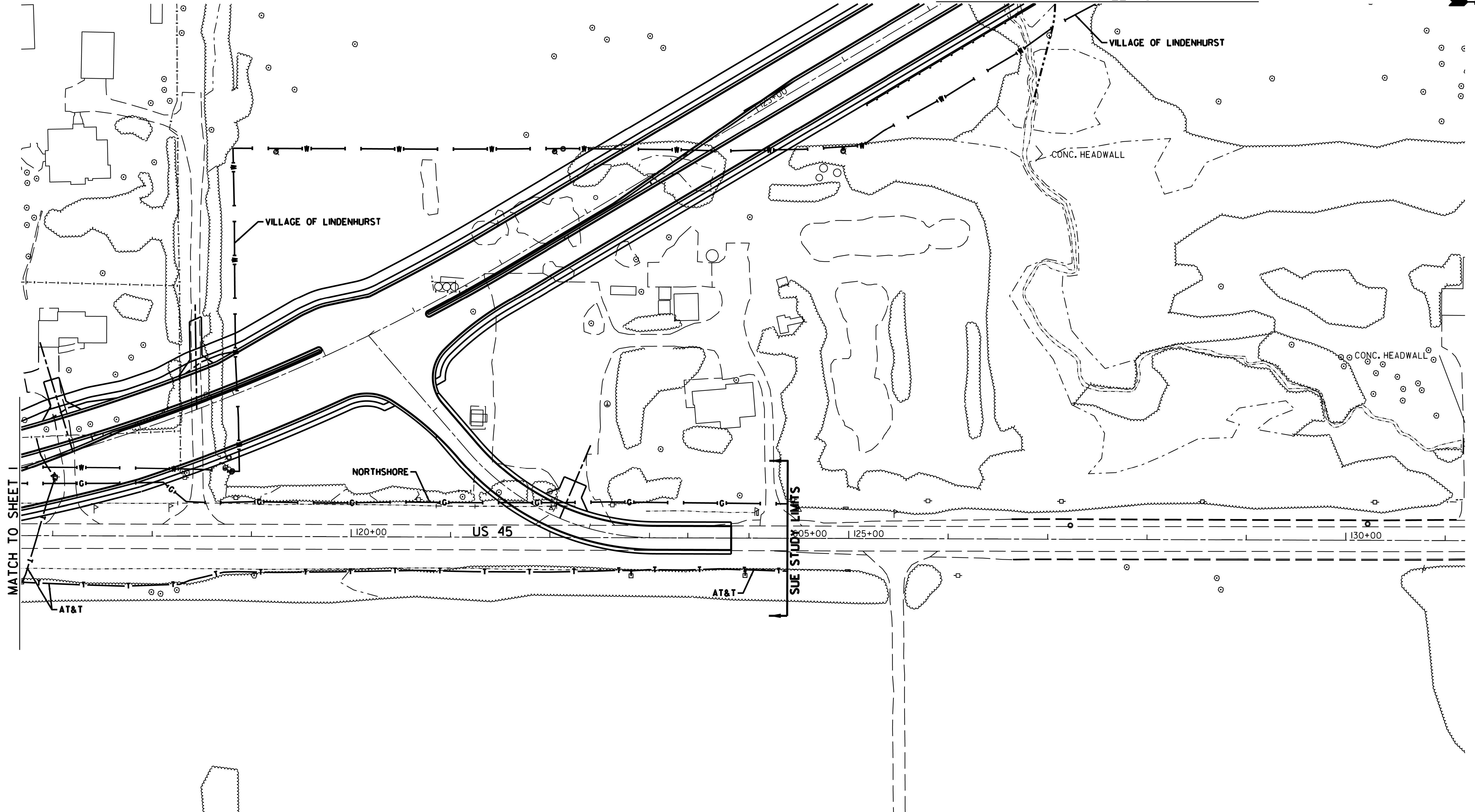
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CHECKED MGR	REVISED -
DATE 11/04/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 45 North of Grass Lake Road to County Place
Lake Villa/Lindenhurst, Illinois**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	39R	Lake	510	206
Contract No. 60775				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				

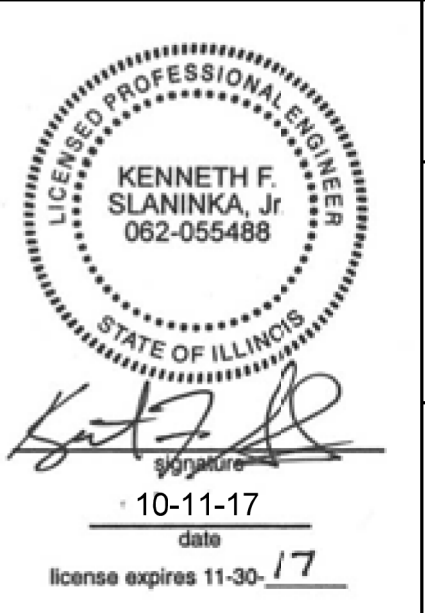
MATCH TO SHEET 3



UTILITY OWNERS	
AT&T - FIBER OPTIC	
AT&T - TELEPHONE	
COM-ED - ELECTRIC	
COMCAST - FIBER OPTIC	
COMCAST - CATV	
NORTHSHORE - GAS	
T-MOBILE - FIBER OPTIC	
VILLAGE OF LINDENHURST - FORCE MAIN	
VILLAGE OF LINDENHURST - WATER	

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Cardno Job No. IL09510627, 753
SUE Plan Page: 2 of 8

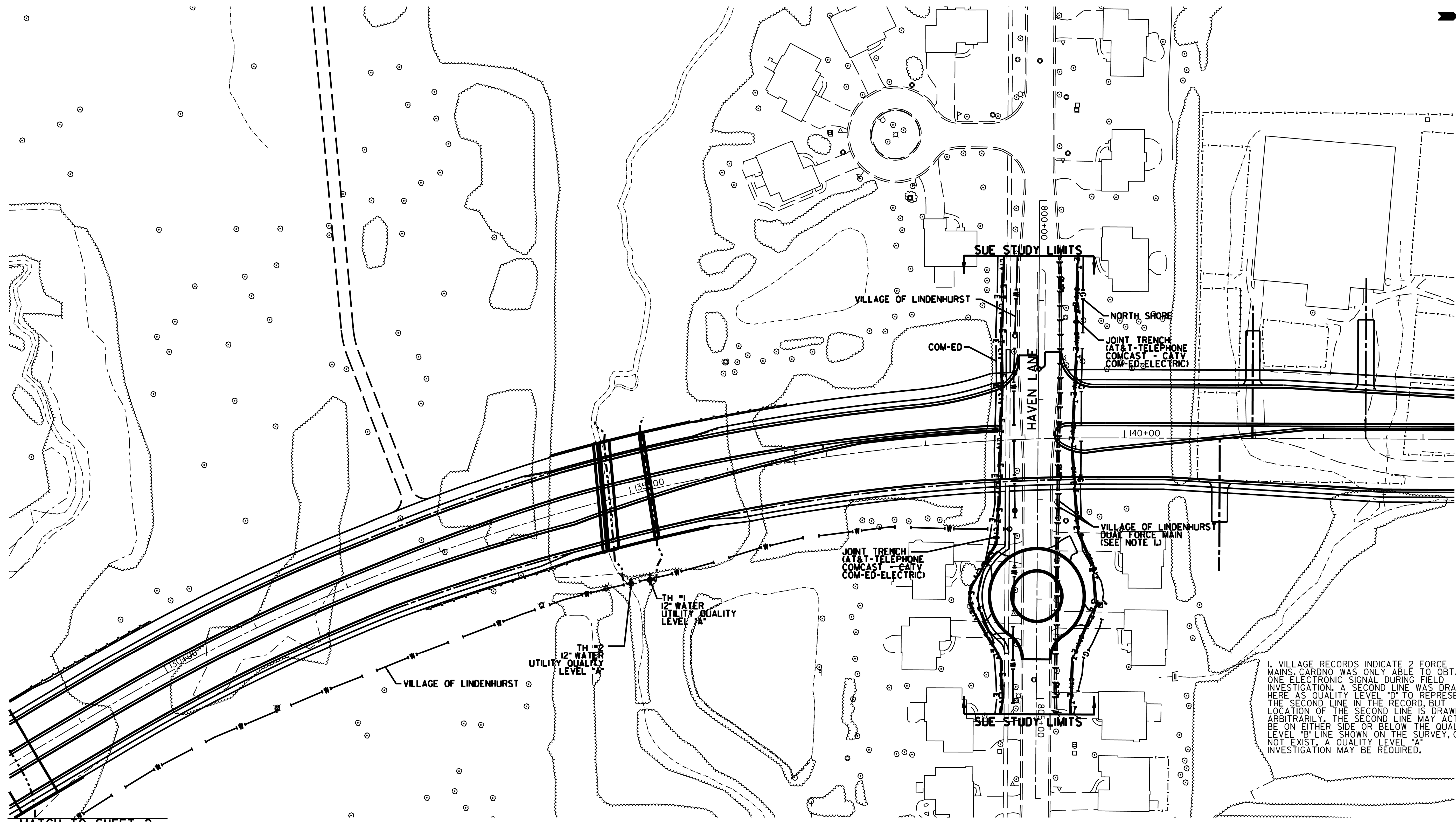
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Utility Quality Level 'B': Designating/non Visually Verified Test Hole	DRAWN SRK	REVISED -
Utility Quality Level 'C': Research with Survey	CHECKED MGR	REVISED -
Utility Quality Level 'D': Records Research	DATE 11/04/14	REVISED -

DESIGNED MS	REVISED -
DRAWN SRK	REVISED -
CHECKED MGR	REVISED -
DATE 11/04/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 North of Grass Lake Road to County Place
Lake Villa/Lindenhurst, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	39R	Lake	510	207
Contract No. 60775				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				



SEE SHEET 6

1. VILLAGE RECORDS INDICATE 2 FORCE MAINS. CARDNO WAS ONLY ABLE TO OBTAIN ONE ELECTRONIC SIGNAL DURING FIELD INVESTIGATION. A SECOND LINE WAS DRAWN HERE AS QUALITY LEVEL "D" TO REPRESENT THE SECOND LINE IN THE RECORD, BUT THE LOCATION OF THE SECOND LINE IS DRAWN ARBITRARILY. THE SECOND LINE MAY ACTUALLY BE ON EITHER SIDE OR BELOW THE QUALITY LEVEL "B" LINE SHOWN ON THE SURVEY, OR MAY NOT EXIST. A QUALITY LEVEL "A" INVESTIGATION MAY BE REQUIRED.

MATCH TO SHEET 2

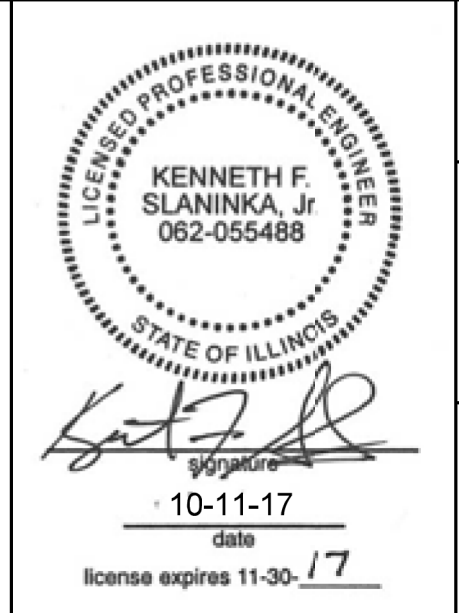
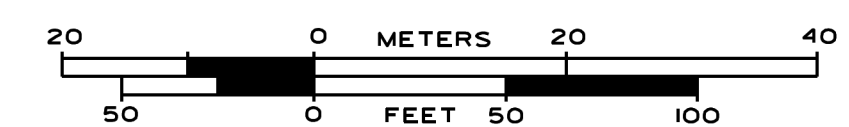
	AERIAL
	UNKNOWN
	OIL
	CABLE TV
	TELEPHONE
	GAS
	ELECTRIC
	WATER
	FORCE MAIN
	FIBER OPTIC
	CARDNO TEST HOLE

UTILITY OWNERS	
AT&T - FIBER OPTIC	AT&T - TELEPHONE
COM-ED - ELECTRIC	COMCAST - FIBER OPTIC
COMCAST - CATV	NORTHSHORE - GAS
T-MOBILE - FIBER OPTIC	VILLAGE OF LINDENHURST - FORCE MAIN
VILLAGE OF LINDENHURST - WATER	VILLAGE OF LINDENHURST - WATER

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Quality Level "A" SUE field investigation for Test Hole #1 & 2 was performed 10/02/17.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



Cardno

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630-544-3720 cwa@cwacorp.com

Dynasty Group
Engineers & Surveyors

Cardno Job No. IL09510627, 753
SUE Plan Page: 3 of 8

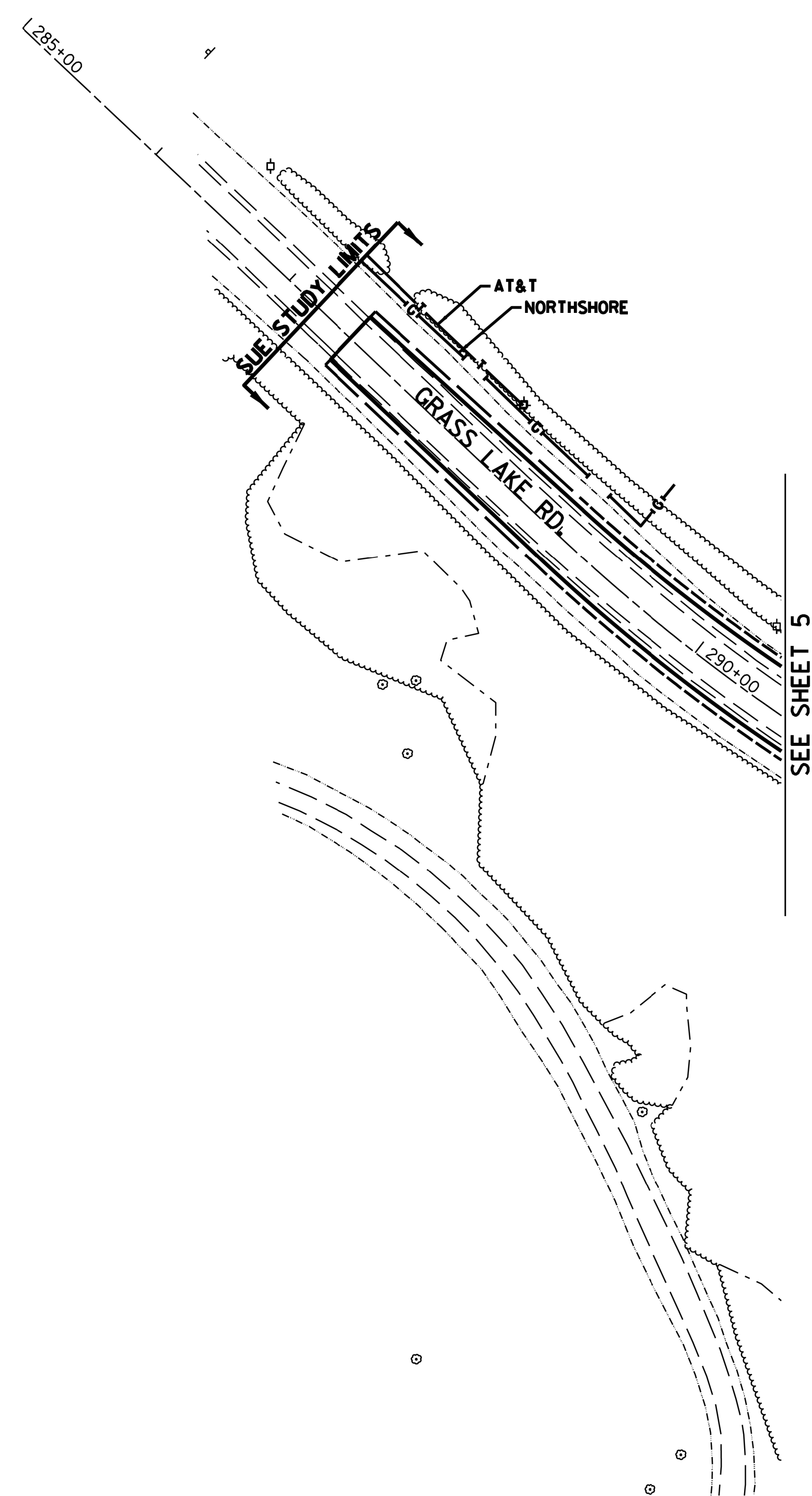
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Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED MS	REVISD : 10/11/17 ADDED TH# 1 & 2
DRAWN SRK	REVISD
CHECKED MGR	REVISD
DATE 11/04/14	REVISD

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 45 North of Grass Lake Road to County Place
Lake Villa/Lindenhurst, Illinois**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	39R	Lake	510	208
Contract No. 60775				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				

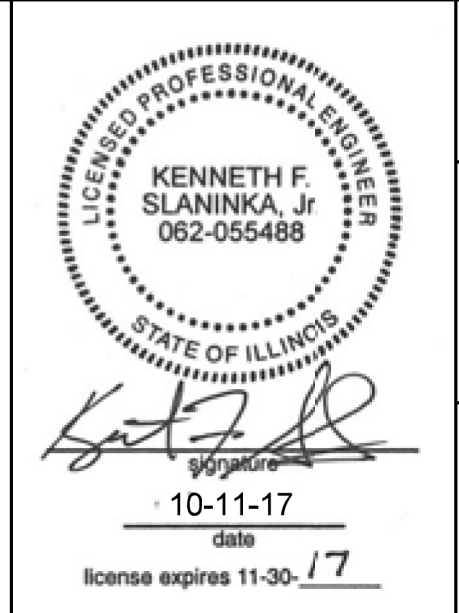
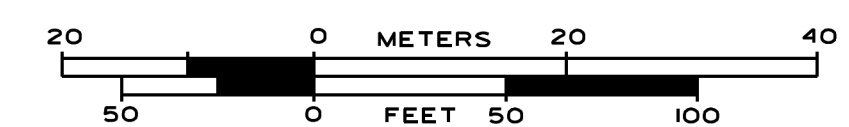



	A	A	AERIAL
			UNKNOWN
	O	O	OIL
	CTV	CTV	CABLE TV
	T	T	TELEPHONE
	G	G	GAS
	E	E	ELECTRIC
	W	W	WATER
			FORCE MAIN
	FO	FO	FIBER OPTIC
			CARDNO TEST HOLE


UTILITY OWNERS		
AT&T	-	FIBER OPTIC
AT&T	-	TELEPHONE
COM-ED	-	ELECTRIC
COMCAST	-	FIBER OPTIC
COMCAST	-	CATV
NORTHSHORE	-	GAS
T-MOBILE	-	FIBER OPTIC
VILLAGE OF LINDENHURST	-	FORCE MAIN
VILLAGE OF LINDENHURST	-	WATER

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CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
600 WEST 10TH STREET, SUITE 200
DES MOINES, IOWA 50319



Dynasty Group
Engineers & Surveyors

Cardno Job No. IL09510627, 753
SUE Plan Page: 4 of 8

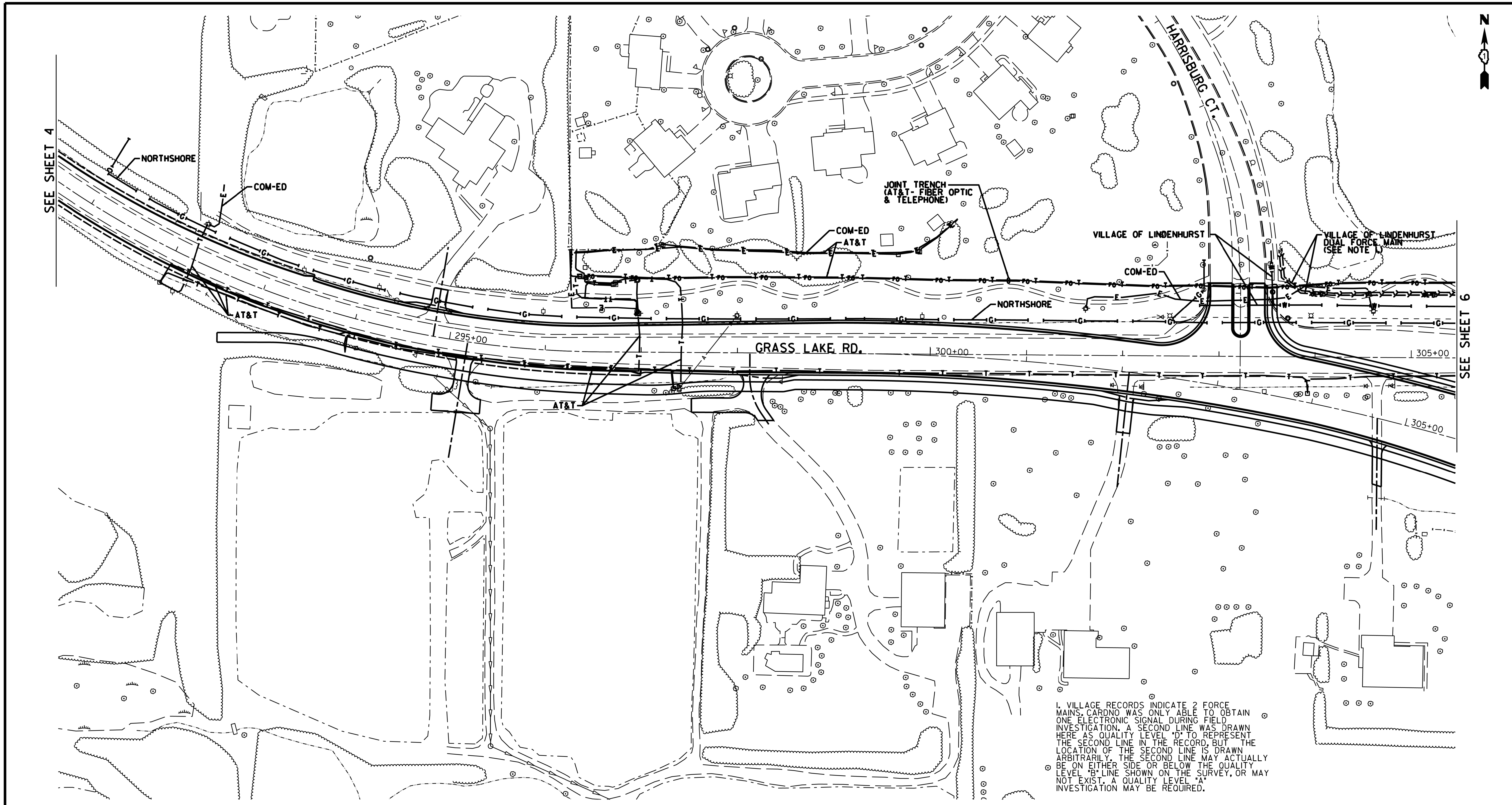
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 Utility Quality Level 'C': Research with Survey
 Utility Quality Level 'D': Records Research

DESIGNED	MS	REVISED	-
DRAWN	SRK	REVISED	
CHECKED	MGR	REVISED	
DATE	11/04/14	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 45 North of Grass Lake Road to County Place
Lake Villa/Lindenhurst, Illinois**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	39R	Lake	510	209
Contract No. 60T75				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				



SEE SHEET 4

SEE SHEET 6

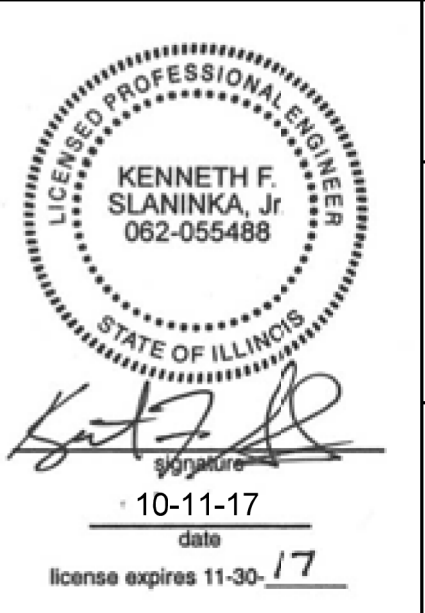
1. VILLAGE RECORDS INDICATE 2 FORCE MAINS. CARDNO WAS ONLY ABLE TO OBTAIN ONE ELECTRONIC SIGNAL DURING FIELD INVESTIGATION. A SECOND LINE WAS DRAWN HERE AS QUALITY LEVEL "D" TO REPRESENT THE SECOND LINE IN THE RECORD, BUT THE LOCATION OF THE SECOND LINE IS DRAWN ARBITRARILY. THE SECOND LINE MAY ACTUALLY BE ON EITHER SIDE OR BELOW THE QUALITY LEVEL "B" LINE SHOWN ON THE SURVEY, OR MAY NOT EXIST. A QUALITY LEVEL "A" INVESTIGATION MAY BE REQUIRED.

—A—A—	AERIAL
---	UNKNOWN
—O—O—	OIL
—CTV—CTV—	CABLE TV
—T—T—	TELEPHONE
—G—G—	GAS
—E—E—	ELECTRIC
—W—W—	WATER
—>>>>>>	FORCE MAIN
—FO—FO—	FIBER OPTIC
⊕	CARDNO TEST HOLE

UTILITY OWNERS	
AT&T - FIBER OPTIC	
AT&T - TELEPHONE	
COM-ED - ELECTRIC	
COMCAST - FIBER OPTIC	
COMCAST - CATV	
NORTHSHORE - GAS	
T-MOBILE - FIBER OPTIC	
VILLAGE OF LINDENHURST - FORCE MAIN	
VILLAGE OF LINDENHURST - WATER	

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Cardno

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312.467.3720 cwa@claassenwhite.com

Dynasty Group
Engineers & Surveyors

Cardno Job No. IL09510627, 753
SUE Plan Page: 5 of 8

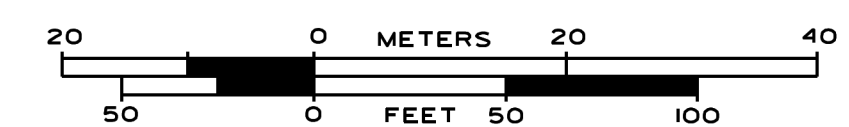
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Utility Quality Level "B": Designating/non Visually Verified Test Hole	DRAWN SRK	REVISED -
Utility Quality Level "C": Research with Survey	CHECKED MGR	REVISED -
Utility Quality Level "D": Records Research	DATE 11/04/14	REVISED -

DESIGNED MS	REVISED -
DRAWN SRK	REVISED -
CHECKED MGR	REVISED -
DATE 11/04/14	REVISED -

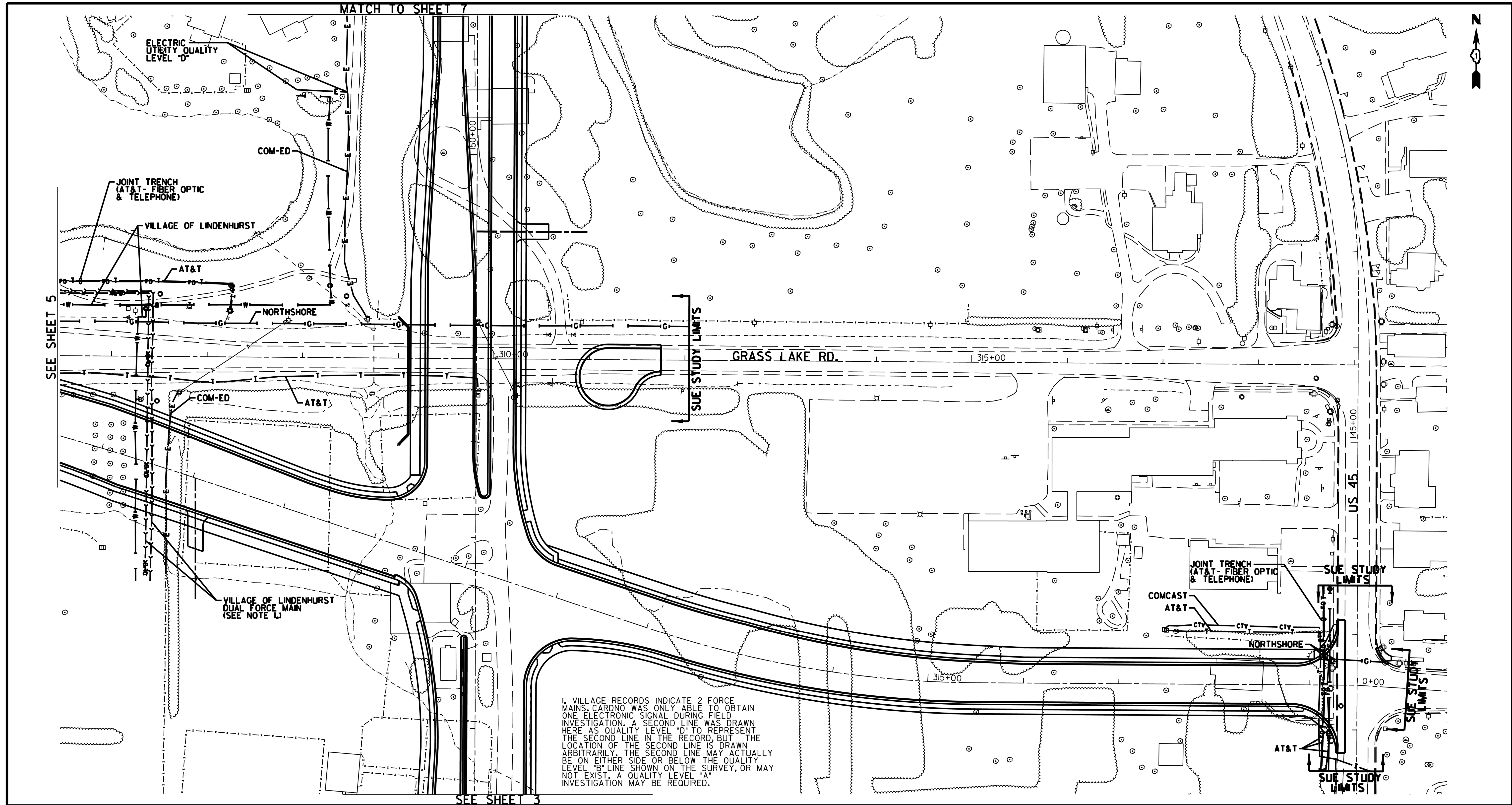
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 North of Grass Lake Road to County Place
Lake Villa/Lindenhurst, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	39R	Lake	510	210
Contract No. 60775				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				



MATCH TO SHEET 7



SEE SHEET 5

SEE SHEET 3

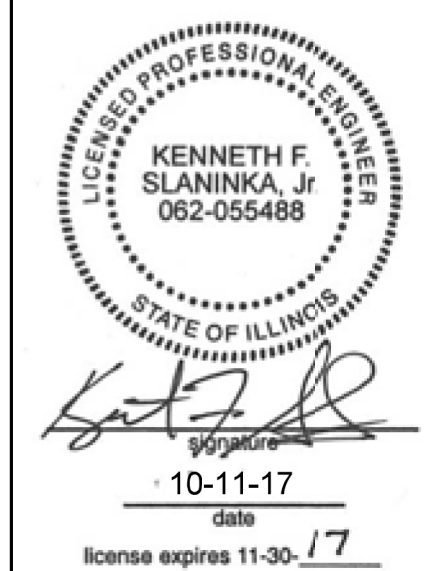
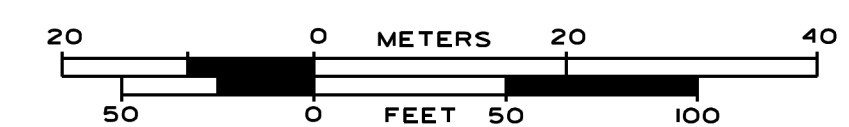
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	A	AERIAL
	UNKNOWN	UNKNOWN
	OIL	OIL
	CTV	CABLE TV
	T	TELEPHONE
	G	GAS
	E	ELECTRIC
	W	WATER
	FM	FORCE MAIN
	FO	FIBER OPTIC
	CTH	CARDNO TEST HOLE

UTILITY OWNERS	
AT&T	- FIBER OPTIC
AT&T	- TELEPHONE
COM-ED	- ELECTRIC
COMCAST	- FIBER OPTIC
COMCAST	- CATV
NORTHSHORE	- GAS
T-MOBILE	- FIBER OPTIC
VILLAGE OF LINDENHURST	- FORCE MAIN
VILLAGE OF LINDENHURST	- WATER

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Cardno Job No. IL09510627, 753
SUE Plan Page: 6 of 8

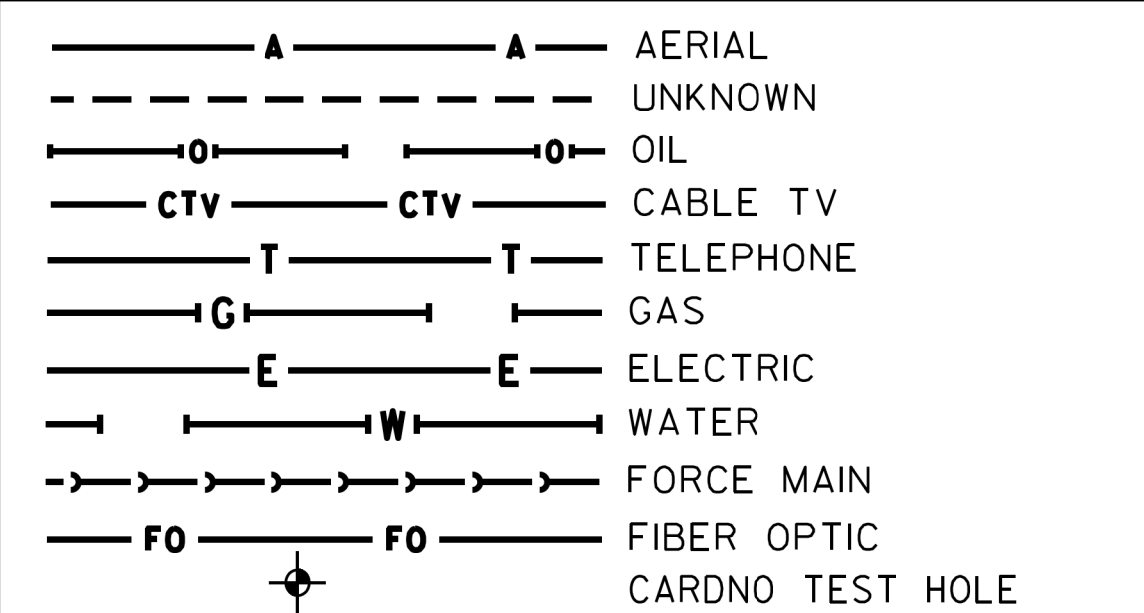
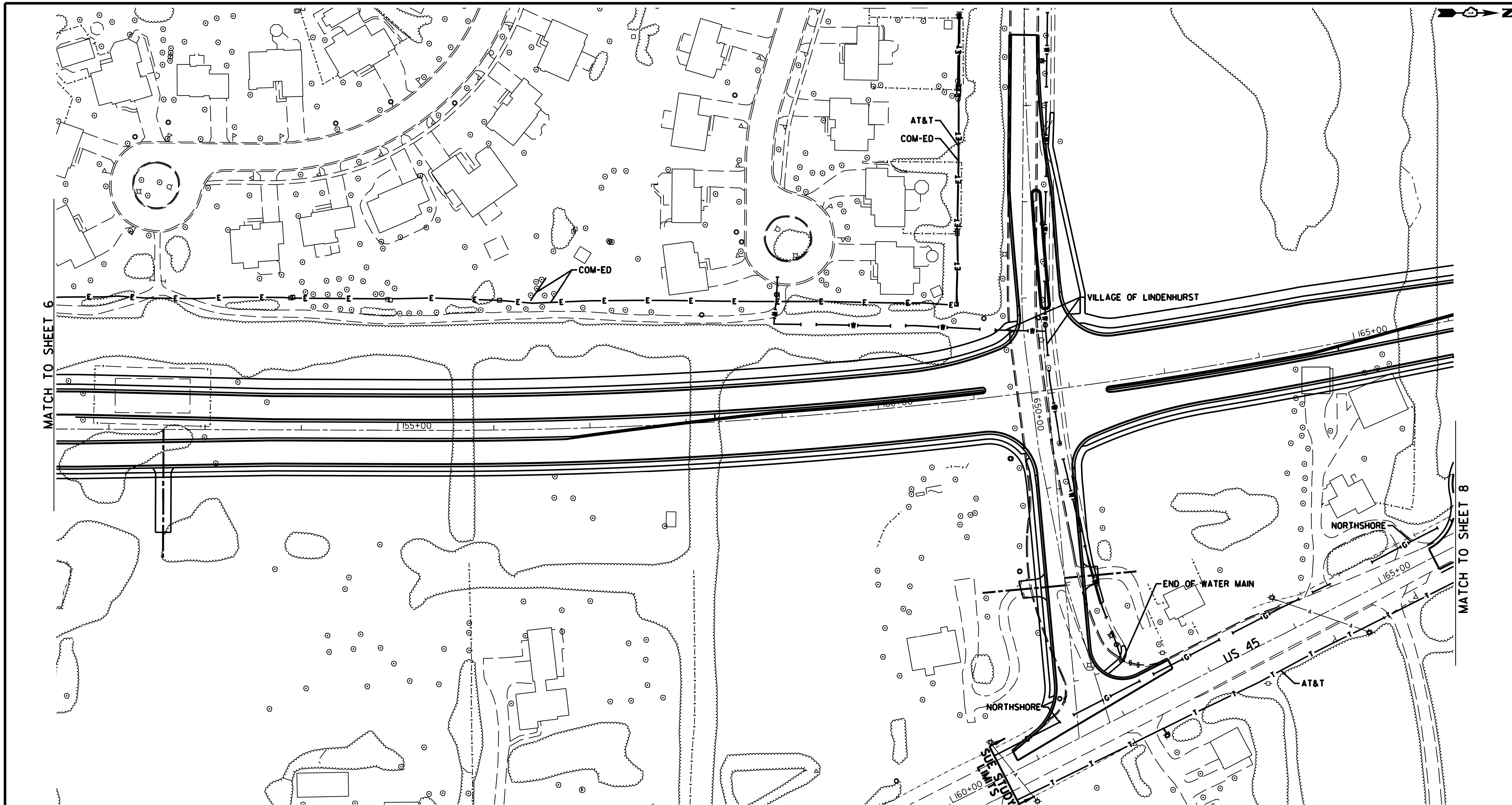
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Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
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DESIGNED	MS	REVISED	-
DRAWN	SRK	REVISED	-
CHECKED	MGR	REVISED	-
DATE	11/04/14	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 North of Grass Lake Road to County Place
Lake Villa/Lindenhurst, Illinois

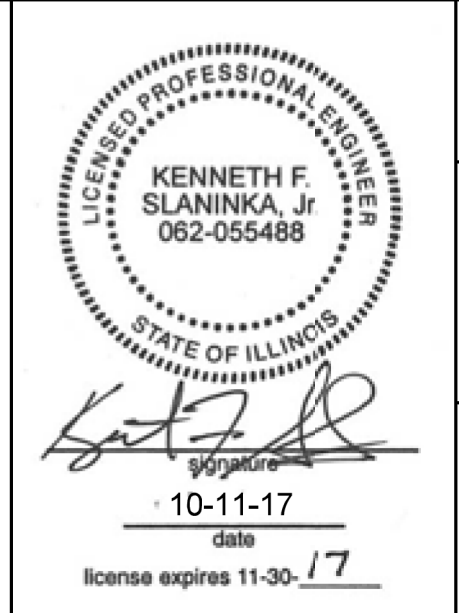
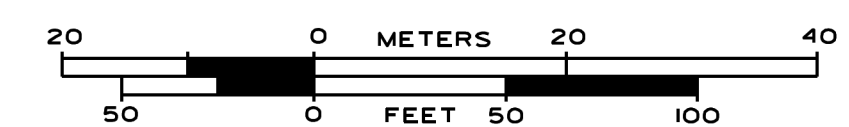
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	39R	Lake	510	211
Contract No. 60775				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				



UTILITY OWNERS	
AT&T - FIBER OPTIC	
AT&T - TELEPHONE	
COM-ED - ELECTRIC	
COMCAST - FIBER OPTIC	
COMCAST - CATV	
NORTHSHORE - GAS	
T-MOBILE - FIBER OPTIC	
VILLAGE OF LINDENHURST - FORCE MAIN	
VILLAGE OF LINDENHURST - WATER	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno in accordance with SUE Industry Standards. All other information shown has been provided to Cardno by others. Cardno's SUE field investigation was performed 10/13/14 through 10/31/14. Changes to utilities after 10/31/14 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



Cardno

CWA SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
600 WEST OGDEN, SUITE 1, LAKE VILLA, ILLINOIS 60463
630-344-3720 cwa@cwacorp.com

Dynasty Group
Engineers & Surveyors

Cardno Job No. IL09510627, 753
SUE Plan Page: 7 of 8

Utility Quality Level "A": Visually Verified Test Hole	DESIGNED MS	REVISED -
Utility Quality Level "B": Designating/non Visually Verified Test Hole	DRAWN SRK	REVISED -
Utility Quality Level "C": Research with Survey	CHECKED MGR	REVISED -
Utility Quality Level "D": Records Research	DATE 11/04/14	REVISED -

DESIGNED MS	REVISED -
DRAWN SRK	REVISED -
CHECKED MGR	REVISED -
DATE 11/04/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 North of Grass Lake Road to County Place
Lake Villa/Lindenhurst, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	39R	Lake	510	212
Contract No. 60775				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				

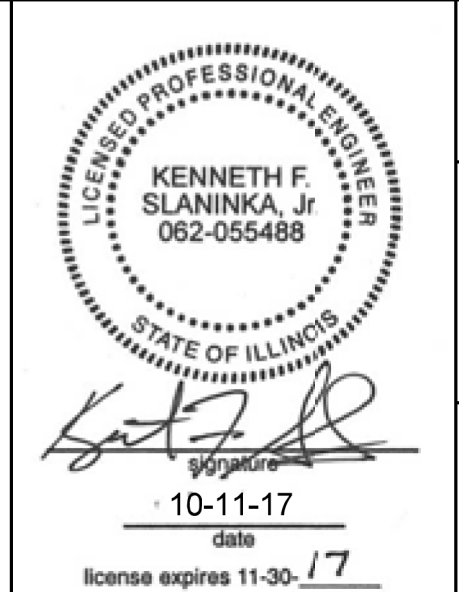
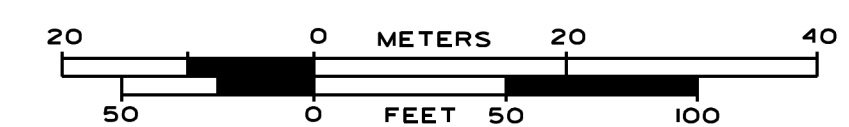


	A	AERIAL
	---	UNKNOWN
	o	OIL
	CTV	CABLE TV
	T	TELEPHONE
	G	GAS
	E	ELECTRIC
	W	WATER
	FM	FORCE MAIN
	FO	FIBER OPTIC
	+	CARDNO TEST HOLE

UTILITY OWNERS		
AT&T	-	FIBER OPTIC
AT&T	-	TELEPHONE
COM-ED	-	ELECTRIC
COMCAST	-	FIBER OPTIC
COMCAST	-	CATV
NORTHSHORE	-	GAS
T-MOBILE	-	FIBER OPTIC
VILLAGE OF LINDENHURST	-	FORCE MAIN
VILLAGE OF LINDENHURST	-	WATER

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Cardno Job No. IL09510627, 753
SUE Plan Page: 8 of 8

Utility Quality Level 'A': Visually Verified Test Hole
 Utility Quality Level 'B': Designating/non Visually Verified Test Hole
 Utility Quality Level 'C': Research with Survey
 Utility Quality Level 'D': Records Research

DESIGNED	MS	REVISED	-
DRAWN	SRK	REVISED	-
CHECKED	MGR	REVISED	-
DATE	11/04/14	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 North of Grass Lake Road to County Place
Lake Villa/Lindenhurst, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	39R	Lake	510	213
Contract No. 60775				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

ROUTE: U.S. ROUTE 45
COUNTY: LAKE
LIMITS: AT MILLBURN BYPASS
JOB NO.: R-91-026-13

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
1LC0001	THE TRUST UNDER THE WILL OF TEMPEL SMITH, SR. FOR THE BENEFIT OF TEMPEL SMITH, JR.	7	
1LC0002	CHICAGO TITLE AND TRUST COMPANY, AS TRUSTEE UNDER A TRUST AGREEMENT DATED THE 25TH DAY OF APRIL 1980, KNOWN AS TRUST NUMBER 1075600	7 & 8	
1LC0003 1LC0003TE	MATTHEW CARFI AND CHRISTOPHER F. CARFI, EACH AS TO AN UNDIVIDED 1/2 INTEREST	7 & 8	
1LC0004 1LC0004TE-A 1LC0004TE-B	JILL S. BROOKS, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED APRIL 19, 1999, AND KNOWN AS THE BROOKS LIVING TRUST	8	
1LC0005 1LC0005TE-A 1LC0005TE-B	PAUL J. BEEMSTERBOER AND MARJORIE A. CHOSTNER, IN JOINT TENANCY	8 & 9	
1LC0006	LAKE COUNTY FOREST PRESERVE DISTRICT	9 & 10	SUBJECT TO CHANGE
1LC0007 1LC0007TE	FOREST TRAIL HOMEOWNERS ASSOCIATION	11	
1LC0008 1LC0008TE	JERRED R. JOHNSON AND JULIE A. JOHNSON, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	11	
1LC0009TE-A 1LC0009TE-B	JASON B. ALDEBERT	11	
1LC0010TE	PAUL B. VAVRUSKA	11	
1LC0011TE	MANOJ SHAH, AS TRUSTEE OF THE MANOJ SHAH DECLARATION OF TRUST DATED APRIL 22, 2014; AS TO AN UNDIVIDED 1/2 INTEREST; AND SMITA M. SHAH, AS TRUSTEE OF THE SMITA M. SHAH DECLARATION OF TRUST DATED APRIL 22, 2014; AS TO AN UNDIVIDED 1/2 INTEREST	12	
1LC0012TE-A 1LC0012TE-B	MAHESH J. SHAH AND GEETA M. SHAH, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	12	
1LC0013 1LC0013TE	FOREST TRAIL HOMEOWNERS ASSOCIATION	12	
1LC0014 1LC0014TE-A 1LC0014TE-B	TERRY BRUNER AND ROBIN BRUNER, HIS WIFE, IN JOINT TENANCY	13	
1LC0015A 1LC0015B 1LC0015TE	MILLBURN CONGREGATIONAL CHURCH OF CHRIST FKA FIRST RELIGIOUS SOCIETY OF MILLBURN	13 & 19	
1LC0016	IRENE DRUCE-HOFFMAN, SURVIVING JOINT TENANT	19	
1LC0017 1LC0017TE	CHRIS M. HOLST AND DIANE S. HOLST, HUSBAND AND WIFE, IN JOINT TENANCY	13	
1LC0018 1LC0018TE	MARK R. DENMAN AND DAWN L. DENMAN, HUSBAND AND WIFE, IN JOINT TENANCY	20	
1LC0019 1LC0019TE	ROBERT J. HOLBACH AND SUSAN J. HOLBACH, HUSBAND AND WIFE, IN JOINT TENANCY	20, 21	
1LC0020TE	THE PROVIDENCE WOODS HOMEOWNERS ASSOCIATION, AN ILLINOIS NOT-FOR-PROFIT CORPORATION	21	
1LC0021TE	JOHN D. FORKER AND KIM E. FORKER, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	21	
1LC0022 1LC0022TE-A 1LC0022TE-B	MILTON ANDREW ANDERSON AND DOROTHY MAE ANDERSON, HUSBAND AND WIFE, IN JOINT TENANCY	14	
1LC0023	LINDA BASS	15	
1LC0024A	CHICAGO TITLE LAND TRUST COMPANY, AS SUCCESSOR TO HARRIS BANK OF BARRINGTON, NA, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED AUGUST 10, 1990, AND KNOWN AS TRUST NUMBER 11-4472	15	
1LC0024B 1LC0024TE	CHICAGO TITLE LAND TRUST COMPANY, AS SUCCESSOR TO HARRIS BANK OF BARRINGTON, NA, AS TRUSTEE UNDER TRUST AGREEMENT DATED THE 10TH DAY OF AUGUST, 1990, KNOWN AS TRUST NUMBER 11-4472	15 & 16	
1LC0025 1LC0025TE-A 1LC0025TE-B	CHICAGO TITLE LAND TRUST COMPANY, AS SUCCESSOR TO HARRIS BANK OF BARRINGTON, NA, AS TRUSTEE UNDER TRUST AGREEMENT DATED THE 10TH DAY OF AUGUST, 1990, KNOWN AS TRUST NUMBER 11-4472	15 & 16	
1LC0026 1LC0026TE	DONALD SHANGRAW AND MARION J. SHANGRAW, HUSBAND AND WIFE, AS JOINT TENANTS	16	
1LC0027A 1LC0027B 1LC0027TE-A 1LC0027TE-B 1LC0027TE-C	ERLENBORN ENTERPRISES LIMITED PARTNERSHIP, AN ILLINOIS LIMITED PARTNERSHIP	17 & 18	
1LC0028 1LC0028TE	THOMAS G. ERLBORN AND MARY S. ERLBORN, IN JOINT TENANCY	18	
1LC0029	CHICAGO TITLE AND TRUST COMPANY, AS TRUSTEE UNDER A TRUST AGREEMENT DATED THE 25TH DAY OF APRIL, 1980, KNOWN AS TRUST NUMBER 1075600	18	
1LC0030	HUTCHINS ROAD HOLDINGS, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	17 & 18	
1LC0031TE	FOREST TRAIL HOMEOWNERS ASSOCIATION	11	

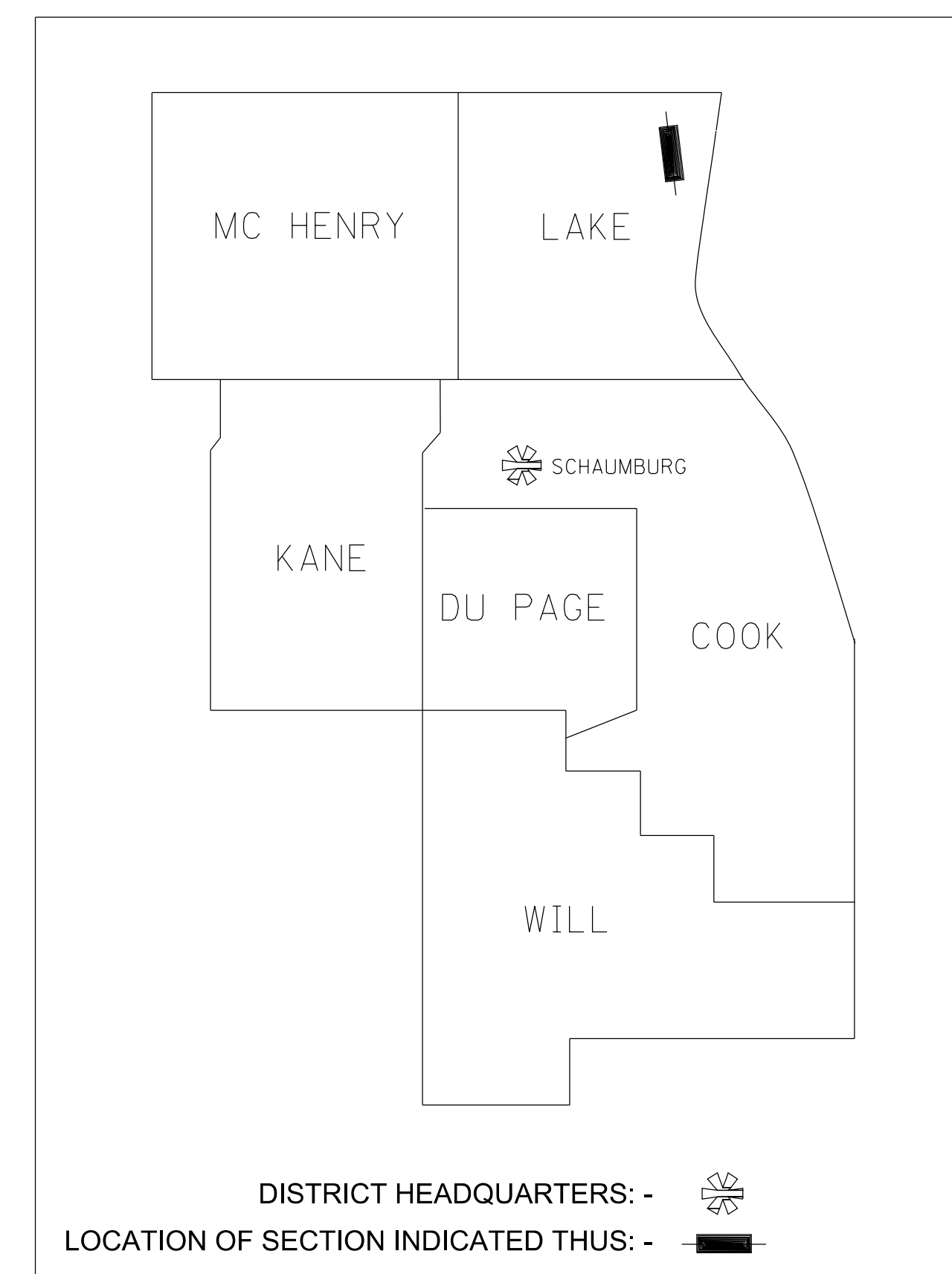
RT. 45
ENDING STATION 177+47.76

GRASS LAKE ROAD
BEGINNING STATION 292+50.94

GRASS LAKE ROAD
ENDING STATION 319+49.61

RT. 45
BEGINNING STATION 104+40.27

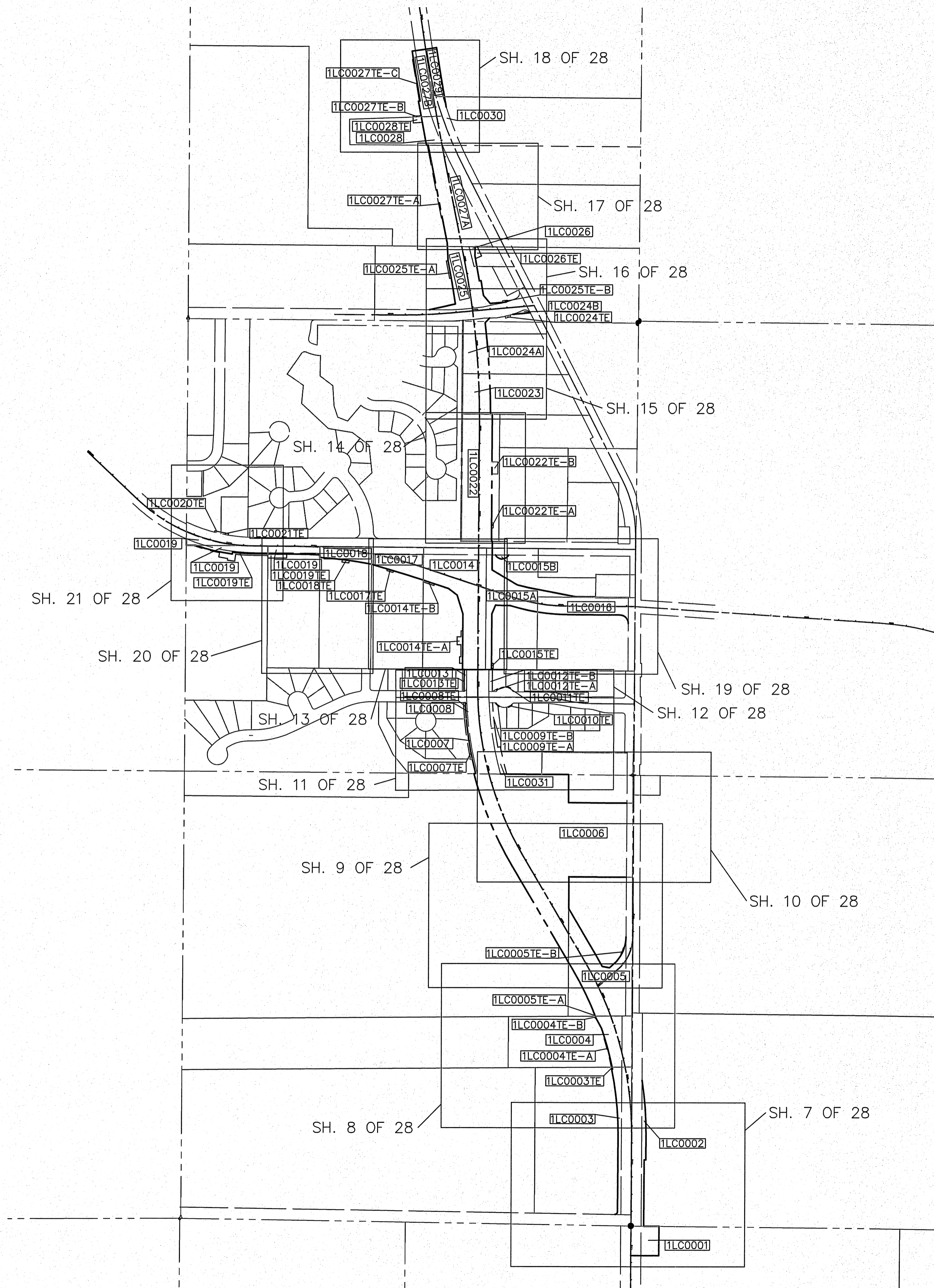
LOCATION MAP



**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

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PLAT OF HIGHWAYS INDEX SHEET



REVISION DATE: ___/___/___ REVISION MADE BY: _____

fluidclarity 1144 W. LAKE ST., STE 303
OAK PARK, IL 60301

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 45

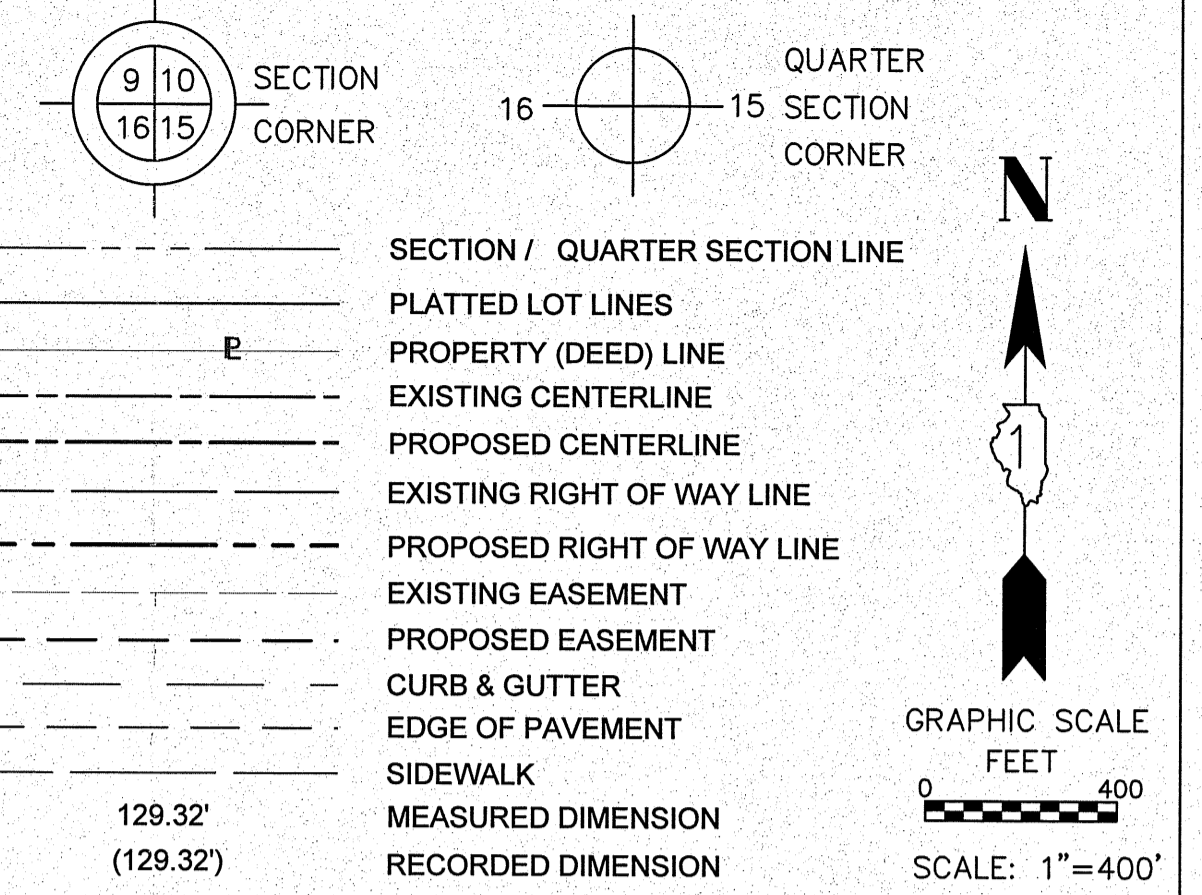
LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
SECTION: _____ JOB NO.: R-91-026-13
STA. _____ TO STA. _____
SCALE: 1"=400' SHEET 2 OF 28 SHEETS

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

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NORTH HALF OF SECTION 1, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
 SOUTH HALF OF SECTION 36, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND



ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.99989852584.

AREAS SHOWN ON PLAT ARE GROUND.

- 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 BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT-OF-WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, DONALD RERICKA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, FLUIDCLARITY LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184.003912), HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 6, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, SECTIONS 25 AND 36, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTION 31, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS, 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 OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
 LICENSE EXPIRATION DATE: _____

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

fluidclarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

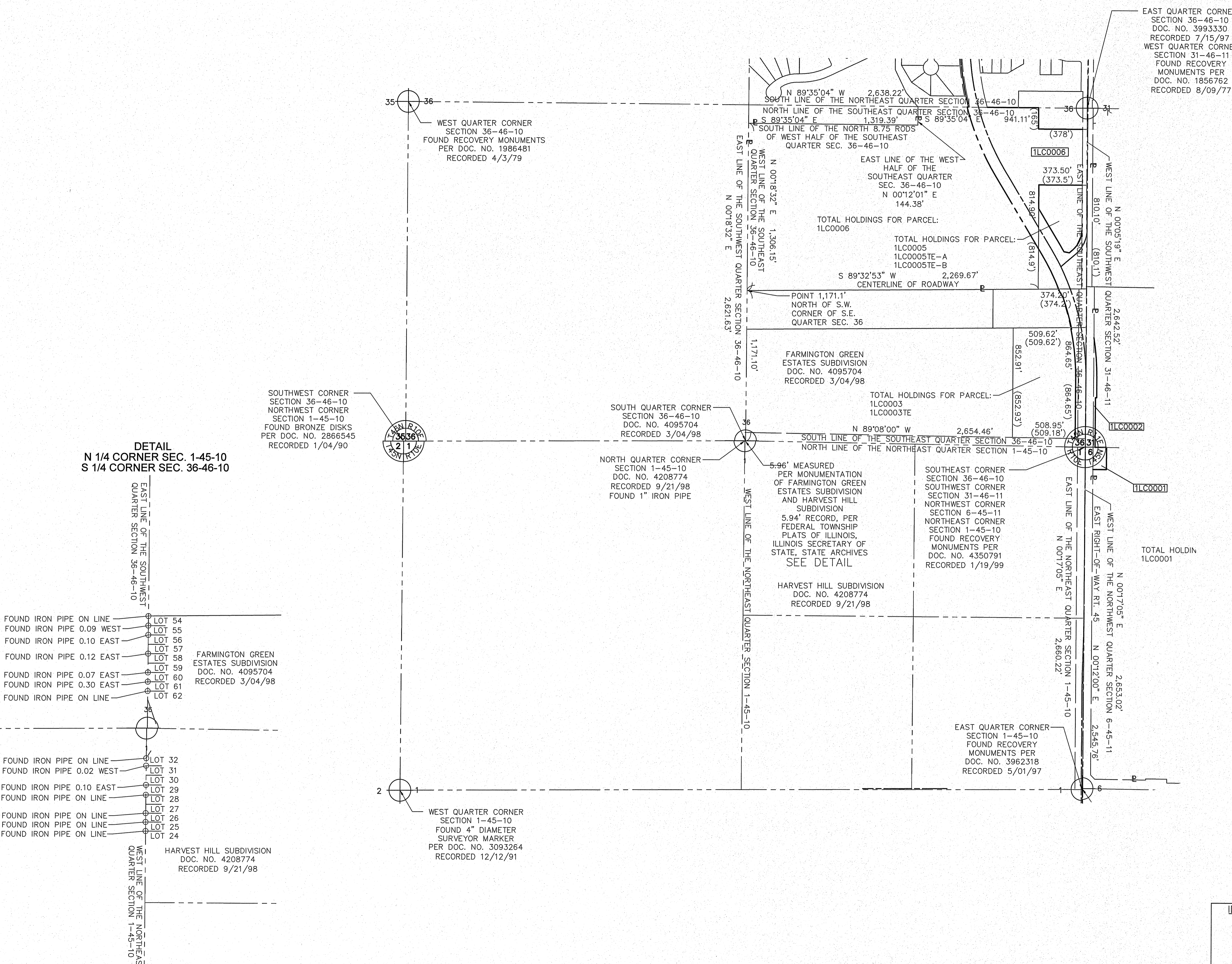
PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

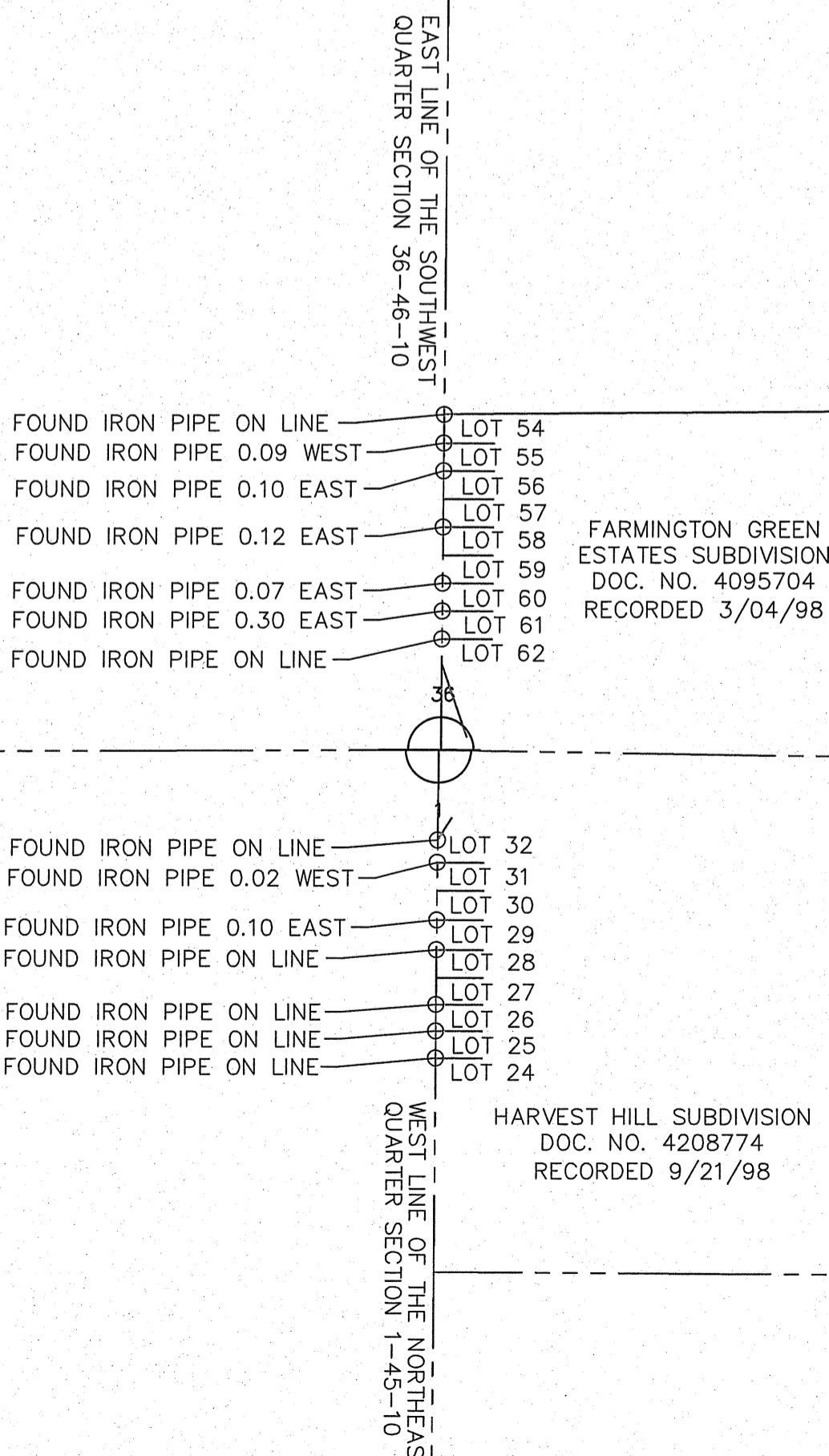
LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: _____ JOB NO.: R-91-026-13
 STA. _____ TO STA. _____
 SCALE: 1"=400' SHEET 3 OF 28 SHEETS

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 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

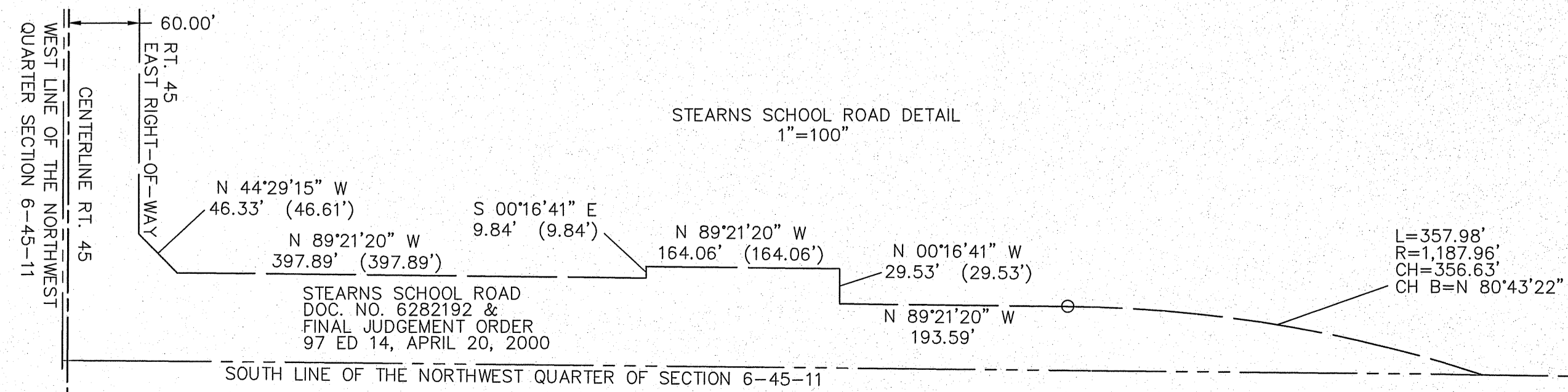
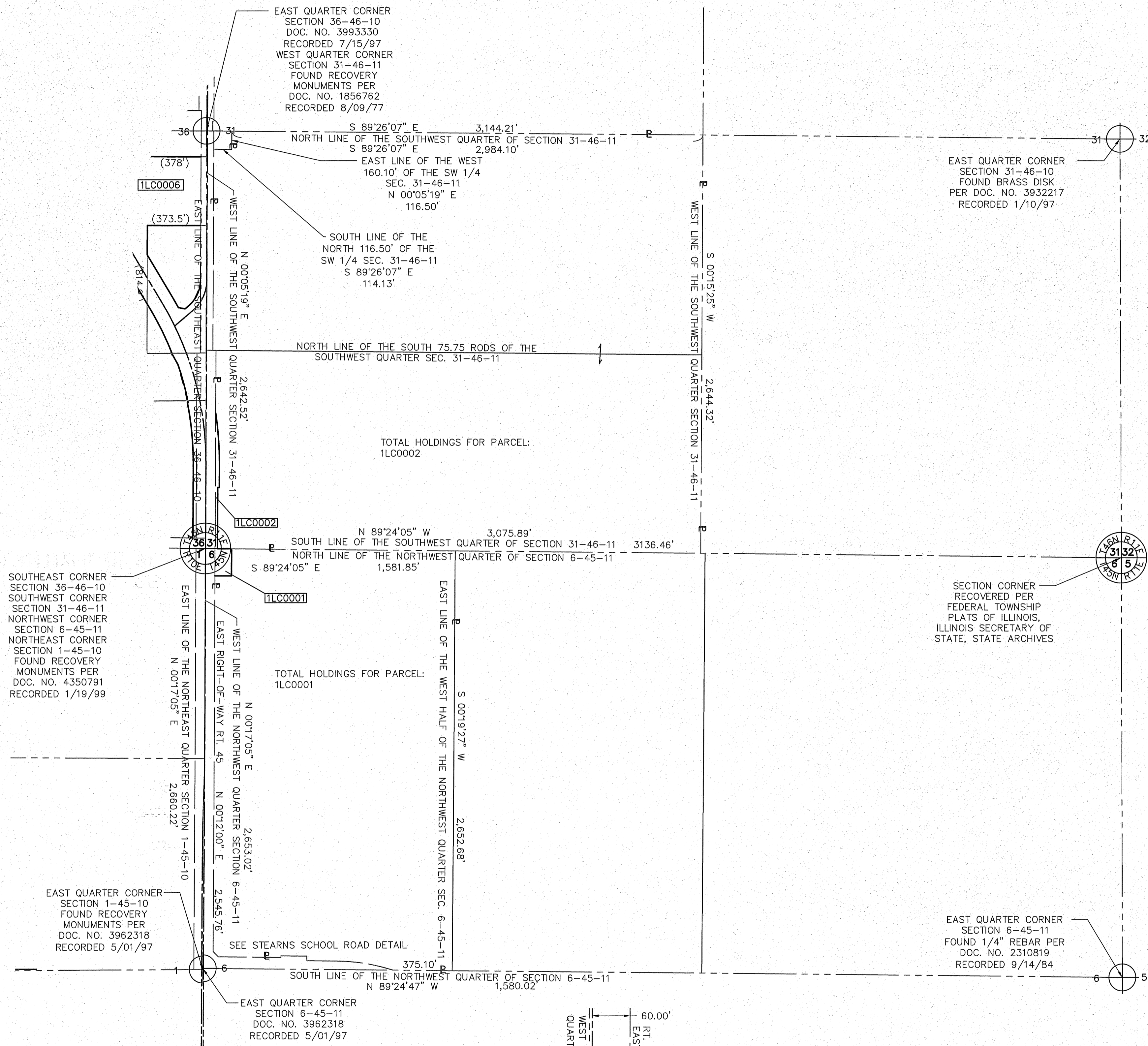


DETAIL
 N 1/4 CORNER SEC. 1-45-10
 S 1/4 CORNER SEC. 36-46-10



REVISION DATE: ___/___/___ REVISION MADE BY: _____

NORTH HALF OF SECTION 6, TWP. 45 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
 SOUTH HALF OF SECTION 31, TWP. 46 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



LEGEND

	SECTION CORNER		QUARTER CORNER
	SECTION / QUARTER SECTION LINE		PLATTED LOT LINES
	PROPERTY (DEED) LINE		EXISTING CENTERLINE
	PROPOSED CENTERLINE		EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE		EXISTING EASEMENT
	PROPOSED EASEMENT		CURB & GUTTER
	EDGE OF PAVEMENT		SIDEWALK
	MEASURED DIMENSION		RECORDED DIMENSION
	EXISTING BUILDING		

GRAPHIC SCALE
 FEET
 0 400
 SCALE: 1"=400'

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BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

- AREAS SHOWN ON PLAT ARE GROUND.
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 - "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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 - RIGHT-OF-WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
 COUNTY OF COOK)

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DATED AT OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
 LICENSE EXPIRATION DATE: _____

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

Fluidclarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

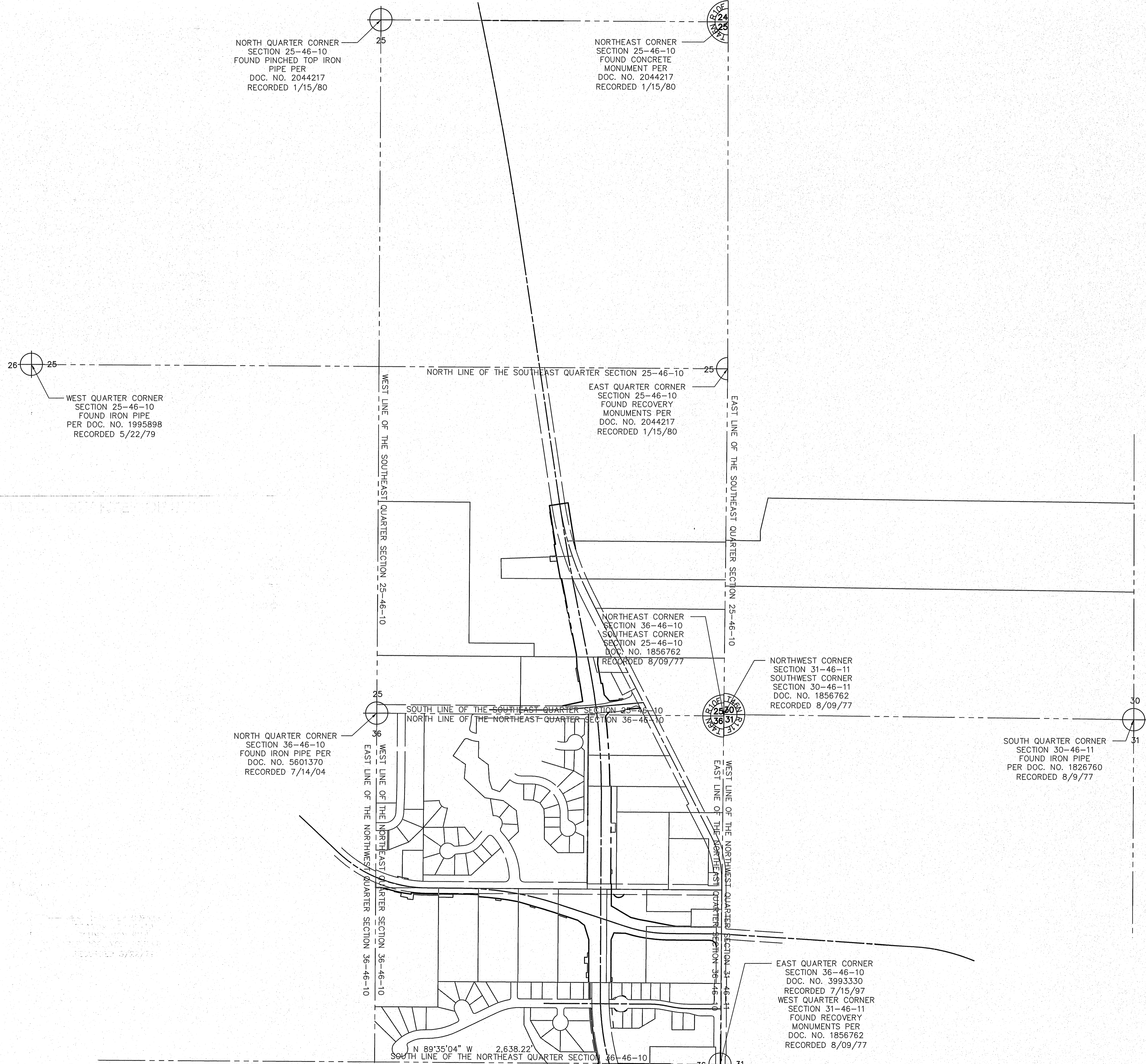
LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: _____ JOB NO.: R-91-026-13
 STA. _____ TO STA. _____
 SCALE: 1"=400' SHEET 4 OF 28 SHEETS

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 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

REVISION DATE: ___/___/___ REVISION MADE BY: _____

NORTHEAST QUARTER OF SECTION 36, EAST HALF OF SECTION 25, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



LEGEND

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

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 CURB & GUTTER
 EDGE OF PAVEMENT
 SIDEWALK
 MEASURED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
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 SCALE: 1"=400'

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 COUNTY OF COOK)

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DATED AT OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
 LICENSE EXPIRATION DATE: _____

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

Fluidclarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

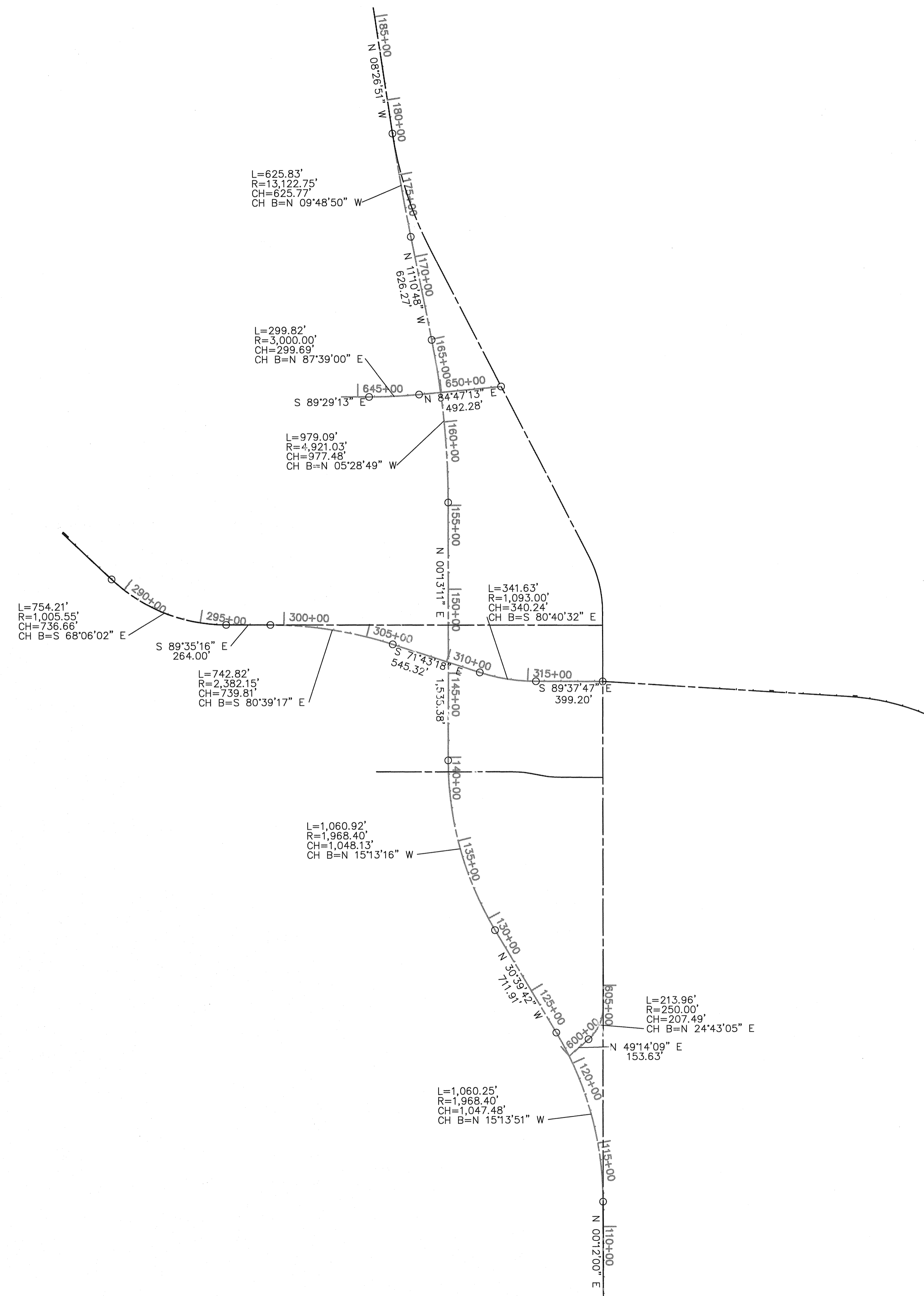
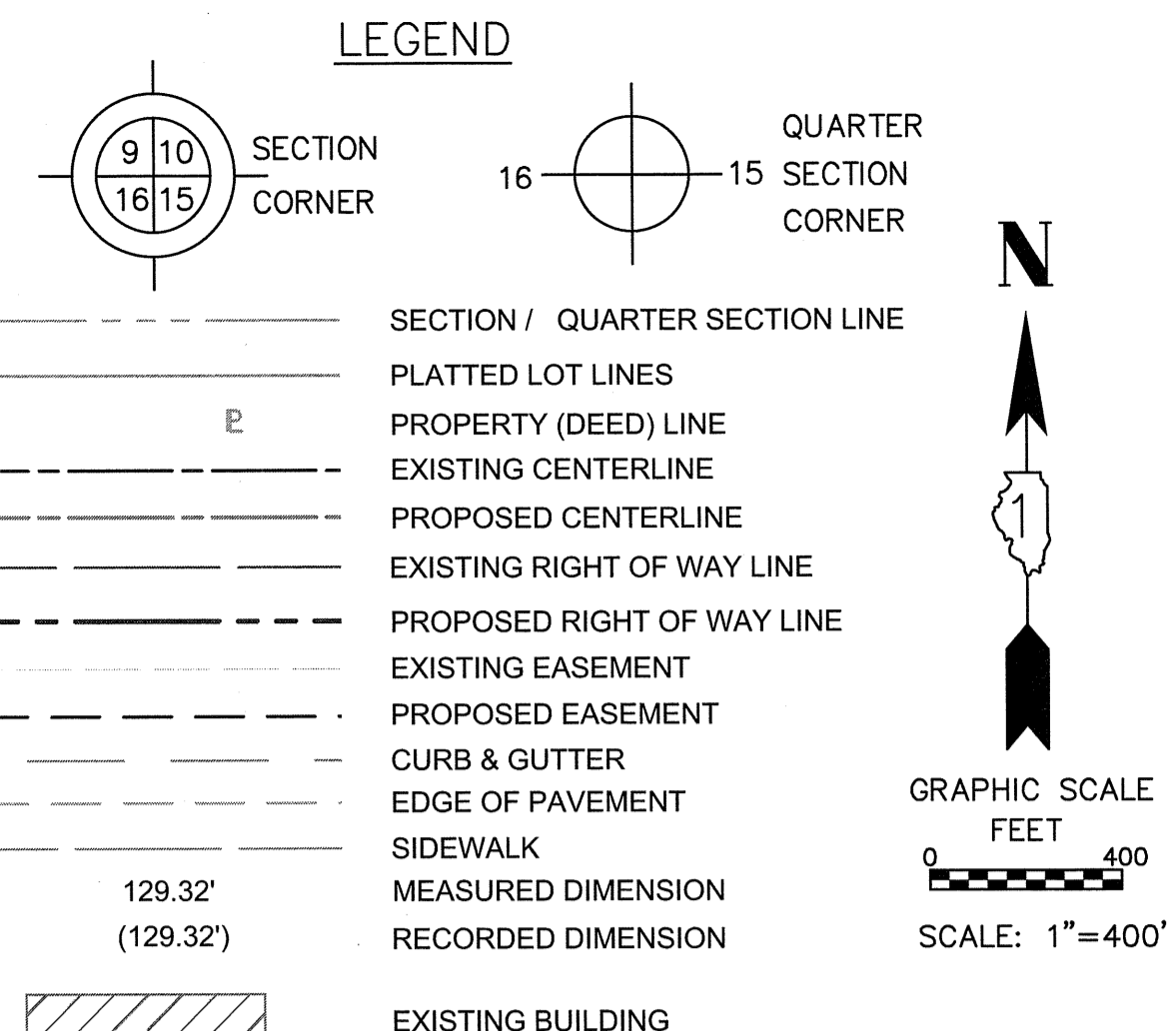
LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: _____ JOB NO.: R-91-026-13
 STA. _____ TO STA. _____
 SCALE: 1"=400' SHEET 5 OF 28 SHEETS

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 PLATS & RECORDS

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

REVISION DATE: ___/___/___ REVISION MADE BY: _____

PROPOSED CENTERLINE GEOMETRY



ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

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STATE OF ILLINOIS)
)SS
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, DONALD RERICKA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, FLUIDCLARITY LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184.003912), HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 6, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, SECTIONS 25 AND 36, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTION 31, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS, 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 OAK PARK, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
 LICENSE EXPIRATION DATE: _____

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

Fluidclarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: _____ JOB NO.: R-91-026-13
 STA. _____ TO STA. _____
 SCALE: 1"=400' SHEET 6 OF 28 SHEETS

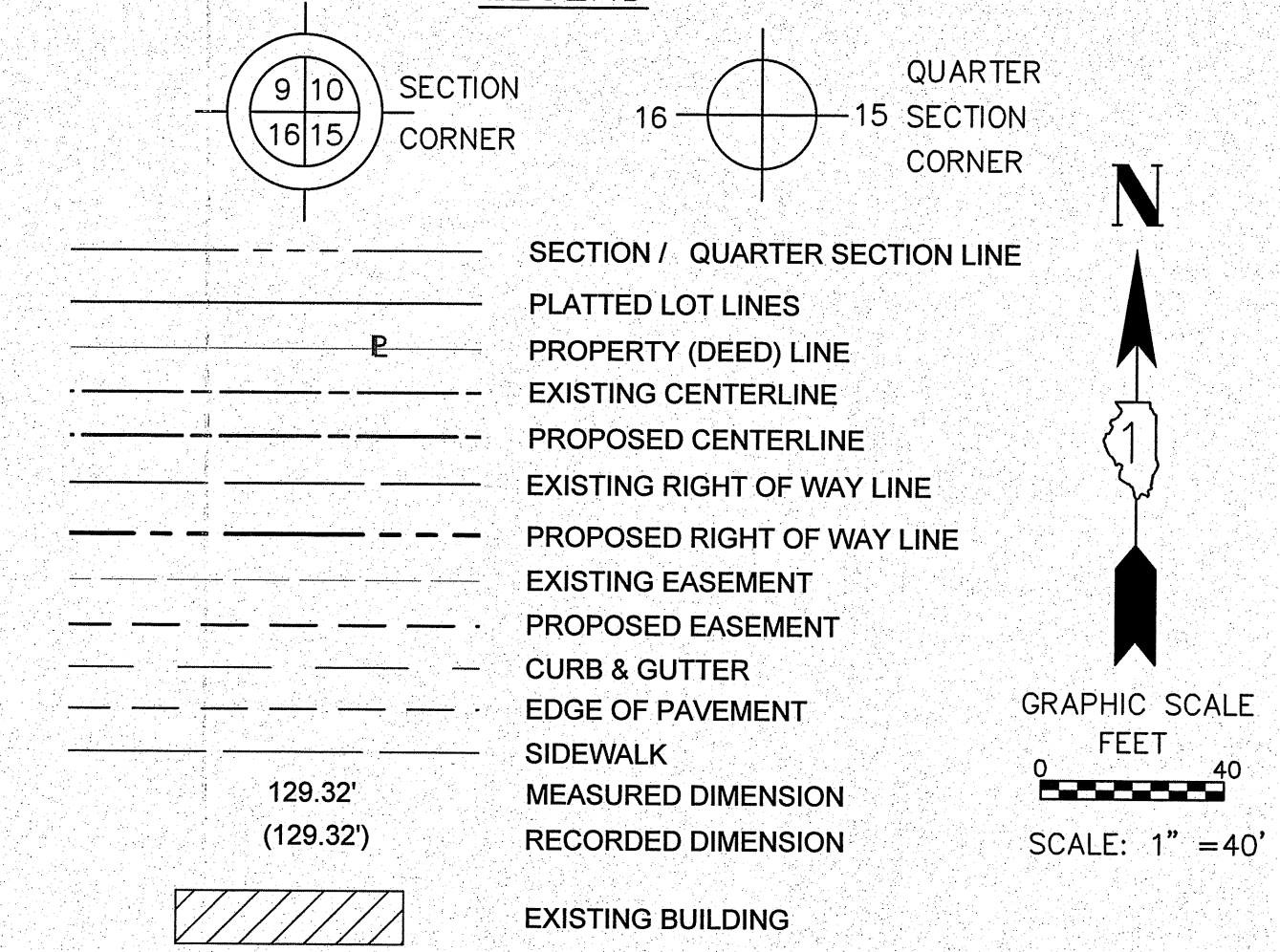
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

DOT USE ONLY
 SS
RECEIVED
 SEP 01 2015
 PLATS & RECORDS

REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE SOUTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 & THE SOUTHWEST QUARTER OF SECTION 31, TWP. 46 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND



COORDINATE TABLE
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

STATION	OFFSET	NORTHING	EASTING
104+40.27	60.00' RT	2,093,887.612	1,073,278.585
104+40.27	165.00' RT	2,093,887.245	1,073,383.584
106+12.71	165.00' RT	2,094,059.679	1,073,384.186
106+13.33	75.00' RT	2,094,060.619	1,073,294.189
106+13.44	60.00 RT	2,094,060.776	1,073,279.190
106+13.86	0.57 LT	2,094,061.409	1,073,218.625
106+14.55	59.44 LT	2,094,062.308	1,073,159.194
106+80.55	59.31 LT	2,094,128.312	1,073,159.425
106+80.96	95.17 LT	2,094,128.844	1,073,124.252
106+95.96	80.00' LT	2,094,143.790	1,073,139.479
110+00.00	75.00' RT	2,094,447.284	1,073,295.539
110+00.00	85.00' RT	2,094,447.249	1,073,305.539
111+48.10	85.00' RT	2,094,595.347	1,073,306.056
111+48.10	CL	2,094,595.643	1,073,221.057
111+48.10	80.00' LT	2,094,595.923	1,073,141.057

SEE SHEET 3 FOR TOTAL HOLDING

SEE SHEET 4 FOR TOTAL HOLDING

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

- AREAS SHOWN ON PLAT ARE GROUND.
- 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 BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - RIGHT-OF-WAY STAKING PROPOSED TO BE SET
- STATE OF ILLINOIS)
COUNTY OF COOK)SS

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DATED AT OAK PARK, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
LICENSE EXPIRATION DATE: _____
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Fluidclarity 1144 W. LAKE ST., STE 303
OAK PARK, IL 60301

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 45
LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
SECTION: JOB NO.: R-91-026-13
STA. 104+40.27 TO STA. 111+48.10
SCALE: 1"=40' SHEET 7 OF 28 SHEETS
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

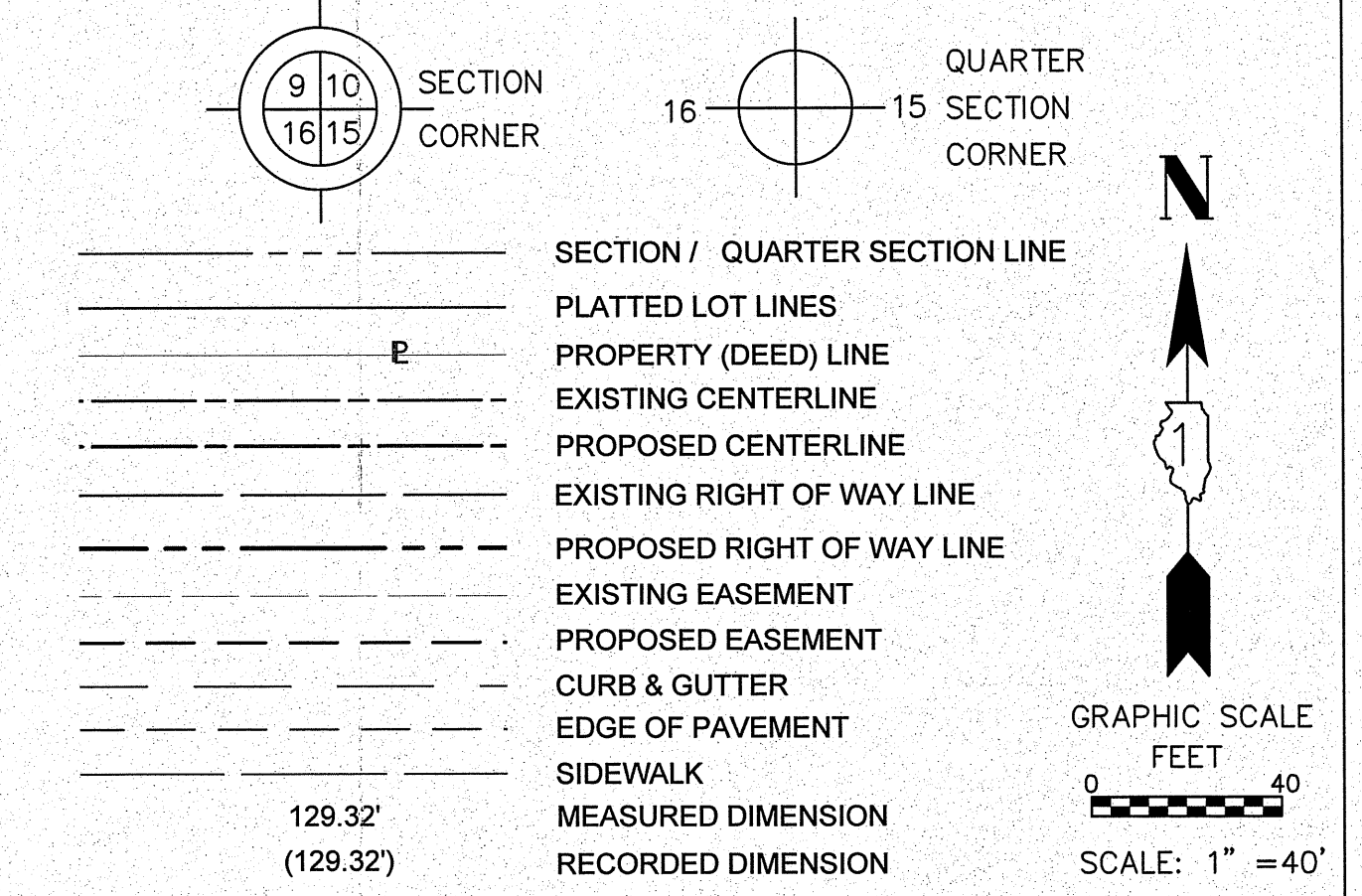
DOT USE ONLY
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RECEIVED
SEP 21 2015
PLATS & LEAS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1LC0001	90.876	0.416		90.460			07-06-100-008
1LC0002	187.397	0.340		187.057			03-31-300-003
1LC0003 1LC0003TE	10.042	0.525		9.517	0.001	60	02-36-400-012

REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE SOUTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 & THE SOUTHWEST QUARTER OF SECTION 31, TWP. 46 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND



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BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

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- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
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 - 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 2135 (TO BE SET BY OTHERS)
 - RIGHT-OF-WAY STAKING PROPOSED TO BE SET
- STATE OF ILLINOIS)
)SS
 COUNTY OF COOK)

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DATED AT OAK PARK, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
 LICENSE EXPIRATION DATE: _____

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

Fluidclarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: JOB NO.: R-91-026-13
 STA. 111+48.10 TO STA. 119+04.56
 SCALE: 1"=40' SHEET 8 OF 28 SHEETS

DOT USE ONLY
 RECEIVED
 SEP 21 2015
 PLATS & LEAS

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

COORDINATE TABLE
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

STATION	OFFSET	NORTHING	EASTING
114+56.21	85.00' RT	2,094,914.877	1,073,282.172
115+51.92	80.00' LT	2,094,980.756	1,073,102.801
115+50.90	75.00' LT	2,094,980.795	1,073,107.896
115+64.38	80.00' LT	2,094,992.464	1,073,100.369
115+63.33	75.00' LT	2,094,992.504	1,073,105.470
115+41.03	37.46' RT	2,094,993.408	1,073,220.068
115+51.92	19.12' LT	2,094,992.953	1,073,162.444
117+45.42	80.00' LT	2,095,160.507	1,073,056.747
117+45.42	75.00' LT	2,095,161.985	1,073,061.524
118+10.84	75.00' LT	2,095,221.788	1,073,041.933
118+30.81	82.32 RT	2,095,293.407	1,073,220.532
118+35.24	123.25 RT	2,095,311.332	1,073,220.560
118+77.47	85.00' LT	2,095,278.397	1,073,010.616
118+79.43	90.00' LT	2,095,278.348	1,073,005.278
118+92.14	85.00' LT	2,095,291.711	1,073,005.440
118+94.16	90.00' LT	2,095,291.669	1,073,000.083
119+04.56	90.00' LT	2,095,300.667	1,072,996.507
119+04.56	85.00' LT	2,095,302.526	1,073,001.149

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1LC0002	187.397	0.340		187.057			03-31-300-003
1LC0003 1LC0003TE	10.042	0.525		9.517	0.001	60	02-36-400-012
1LC0004 1LC0004TE-A 1LC0004TE-B	5.000	1.078	0.395	3.922	0.020 0.002	60 77	02-36-400-008
1LC0005 1LC0005TE-A 1LC0005TE-B	6.973	3.178	0.670	A=0.619 B=3.176	0.001 0.005	53 202	02-36-400-005

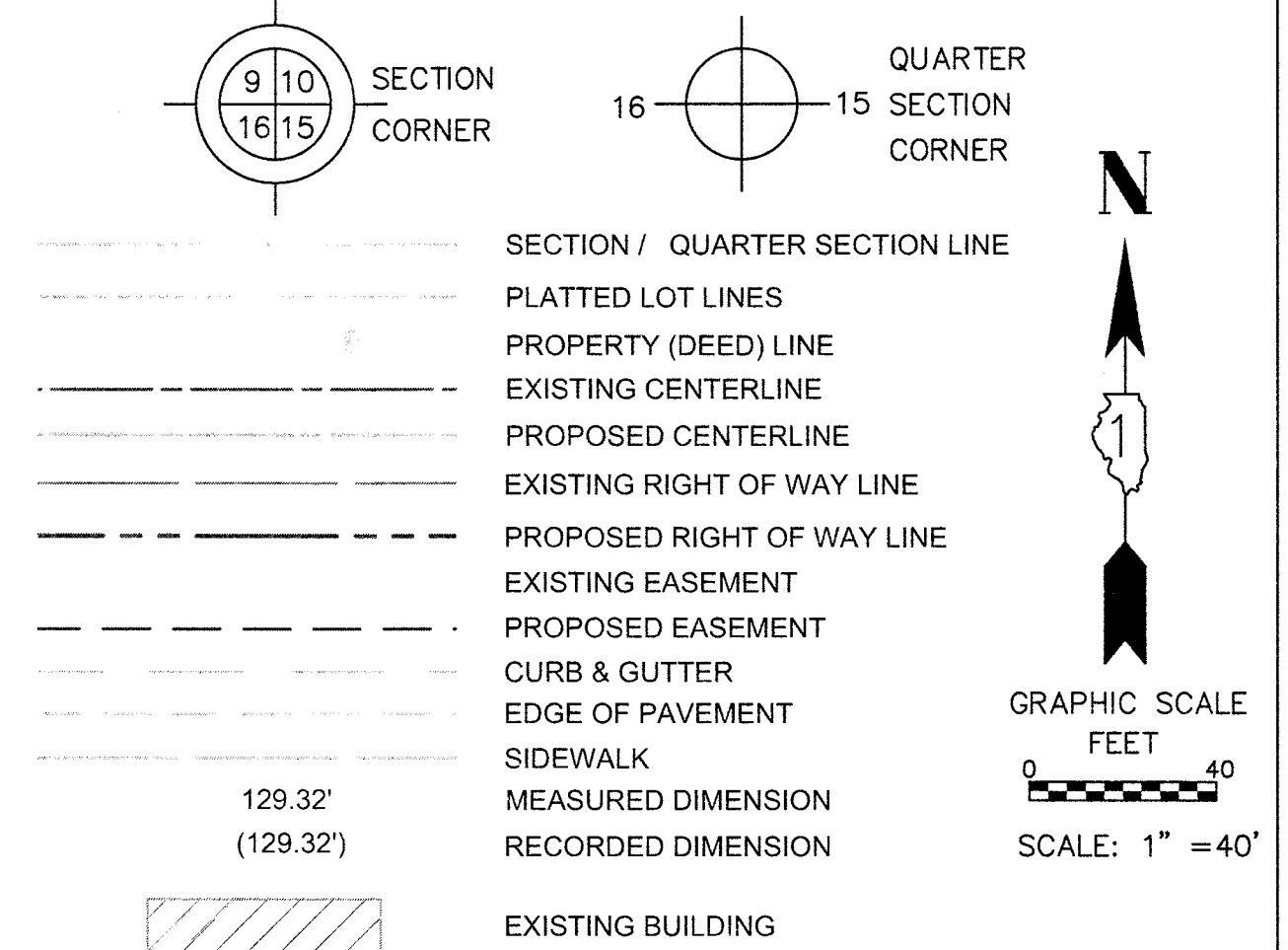
LOT D
 PROVIDENCE RIDGE
 RECORDED DECEMBER 1, 2005
 DOCUMENT NO. 5906068

LOT D
 FARMINGTON GREEN ESTATES
 RECORDED MARCH 4, 1998
 DOCUMENT NO. 4095704

REVISION DATE: _____ REVISION MADE BY: _____

PART OF THE SOUTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 & THE SOUTHWEST QUARTER OF SECTION 31, TWP. 46 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND



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DATED AT OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

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Fluidclarity 1144 W. LAKE ST., STE 303
OAK PARK, IL 60301

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
SECTION: JOB NO.: R-91-026-13
STA. 120+47.92 TO STA. 126+87.37
SCALE: 1"=40' SHEET 9A OF 28 SHEETS

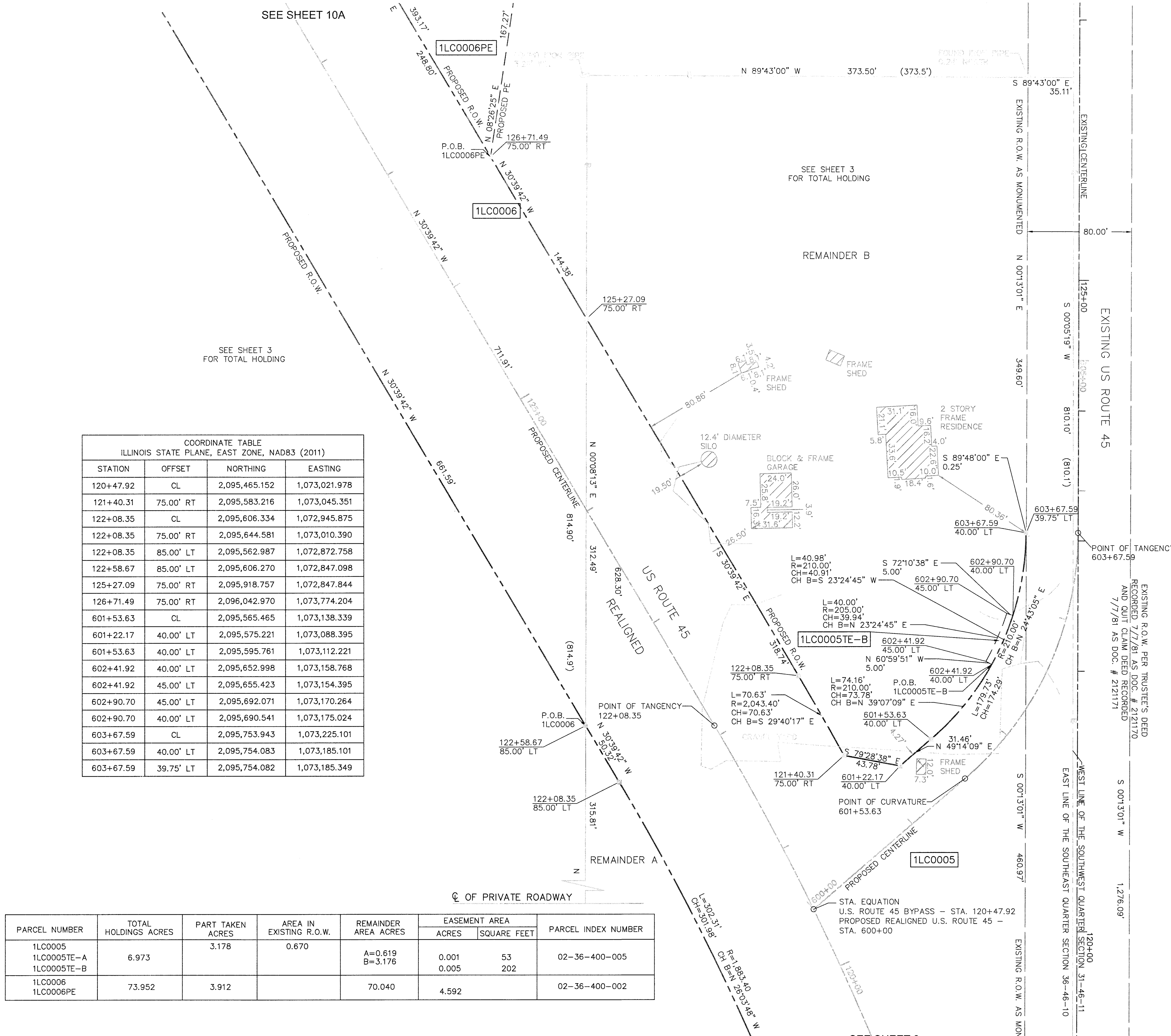
DOT USE ONLY
RECEIVED
OCT 13 2016
PLATS & LEGALS

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

COORDINATE TABLE
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

STATION	OFFSET	NORTHING	EASTING
120+47.92	CL	2,095,465.152	1,073,021.978
121+40.31	75.00' RT	2,095,583.216	1,073,045.351
122+08.35	CL	2,095,606.334	1,072,945.875
122+08.35	75.00' RT	2,095,644.581	1,073,010.390
122+08.35	85.00' LT	2,095,562.987	1,072,872.758
122+58.67	85.00' LT	2,095,606.270	1,072,847.098
125+27.09	75.00' RT	2,095,918.757	1,072,847.844
126+71.49	75.00' RT	2,096,042.970	1,073,774.204
601+53.63	CL	2,095,565.465	1,073,138.339
601+22.17	40.00' LT	2,095,575.221	1,073,088.395
601+53.63	40.00' LT	2,095,595.761	1,073,112.221
602+41.92	40.00' LT	2,095,652.998	1,073,158.768
602+41.92	45.00' LT	2,095,655.423	1,073,154.395
602+90.70	45.00' LT	2,095,692.071	1,073,170.264
602+90.70	40.00' LT	2,095,690.541	1,073,175.024
603+67.59	CL	2,095,753.943	1,073,225.101
603+67.59	40.00' LT	2,095,754.083	1,073,185.101
603+67.59	39.75' LT	2,095,754.082	1,073,185.349

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1LC0005 1LC0005TE-A 1LC0005TE-B	6.973	3.178	0.670	A=0.619 B=3.176	0.001	53	02-36-400-005
1LC0006 1LC0006PE	73.952	3.912	70.040		4.592		02-36-400-002



REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE SOUTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 & THE SOUTHWEST QUARTER OF SECTION 31, TWP. 46 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 CURB & GUTTER
 EDGE OF PAVEMENT
 SIDEWALK
 MEASURED DIMENSION
 RECORDED DIMENSION

EXISTING BUILDING

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

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■ 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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 OAK PARK, IL 60301

PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: JOB NO.: R-91-026-13
 STA. 129+20.26 TO STA. 132+93.24
 SCALE: 1"=40' SHEET 10A OF 28 SHEETS

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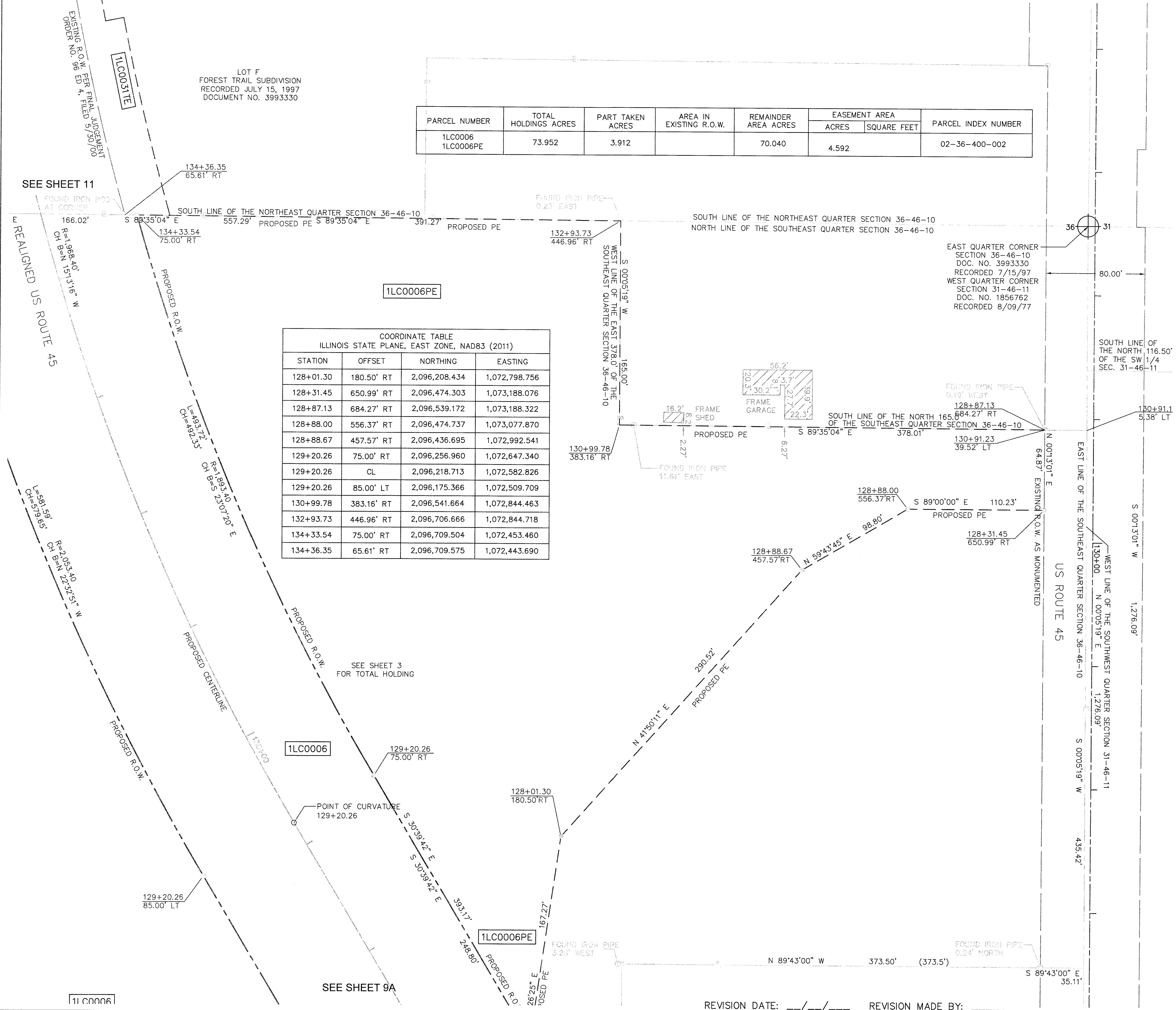
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

GRAPHIC SCALE
 FEET
 0 40
 SCALE: 1" = 40'

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1LC0006 1LC0006PE	73.952	3.912		70.040	4.592		02-36-400-002

COORDINATE TABLE
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

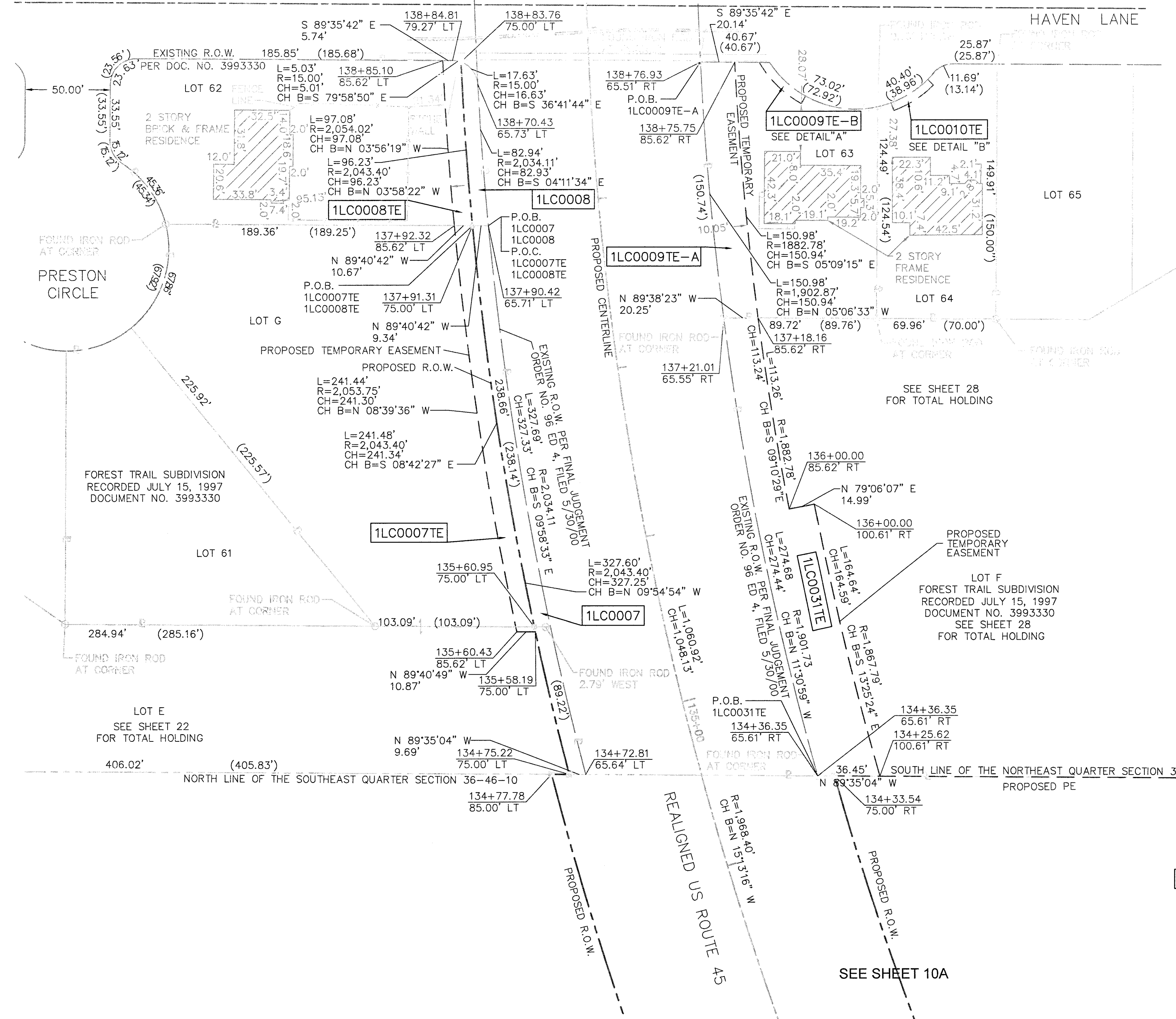
STATION	OFFSET	NORTHING	EASTING
128+01.30	180.50' RT	2,096,208.434	1,072,798.756
128+31.45	650.99' RT	2,096,474.303	1,073,188.076
128+87.13	684.27' RT	2,096,539.172	1,073,188.322
128+88.00	556.37' RT	2,096,474.737	1,073,077.870
128+88.67	457.57' RT	2,096,436.695	1,072,992.541
129+20.26	75.00' RT	2,096,256.960	1,072,647.340
129+20.26	CL	2,096,218.713	1,072,582.826
129+20.26	85.00' LT	2,096,175.366	1,072,509.709
130+99.78	383.16' RT	2,096,541.664	1,072,844.463
132+93.73	446.96' RT	2,096,706.666	1,072,844.718
134+33.54	75.00' RT	2,096,709.504	1,072,453.460
134+36.35	65.61' RT	2,096,709.575	1,072,443.690



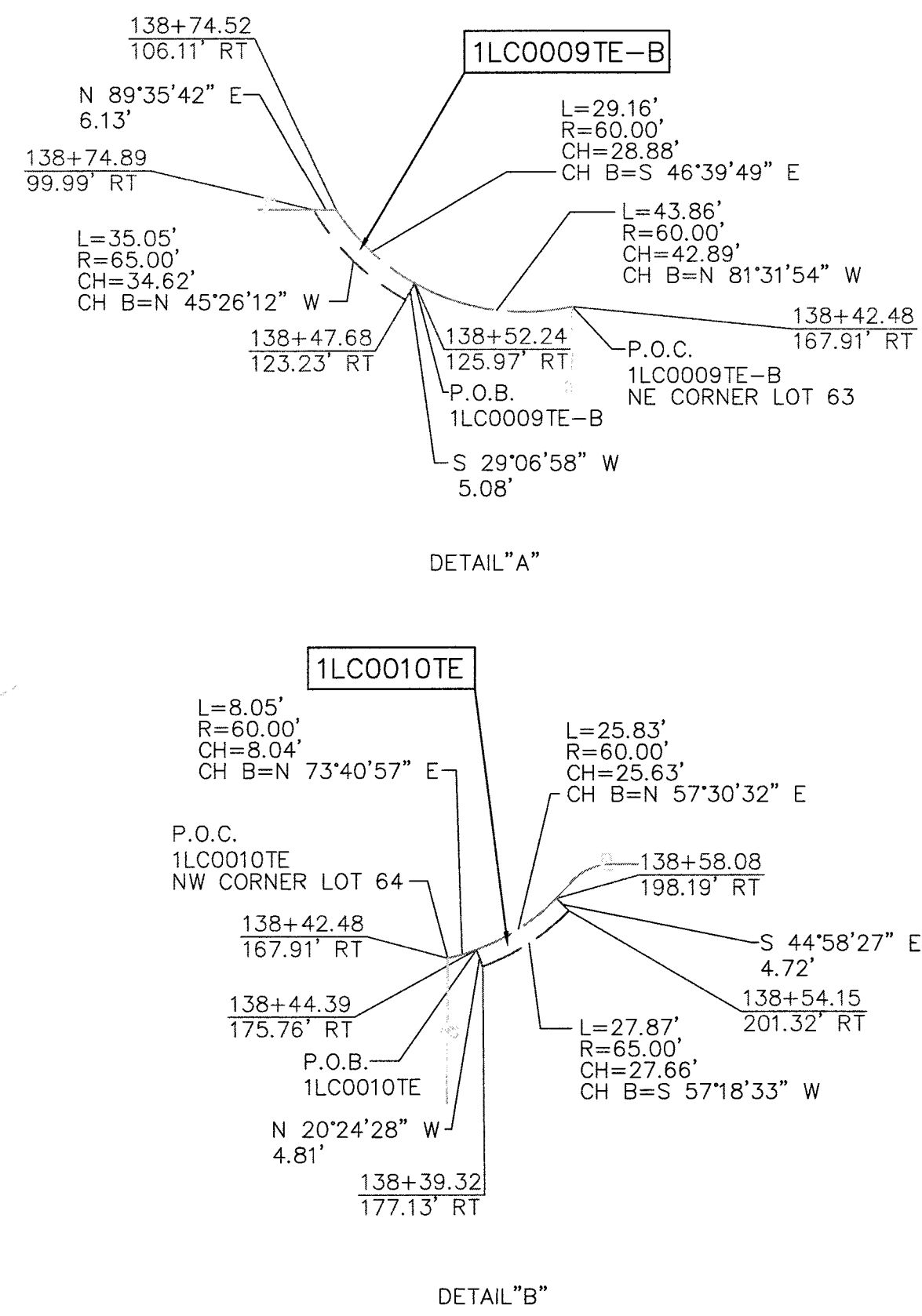
REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE NORTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

SEE SHEET 12



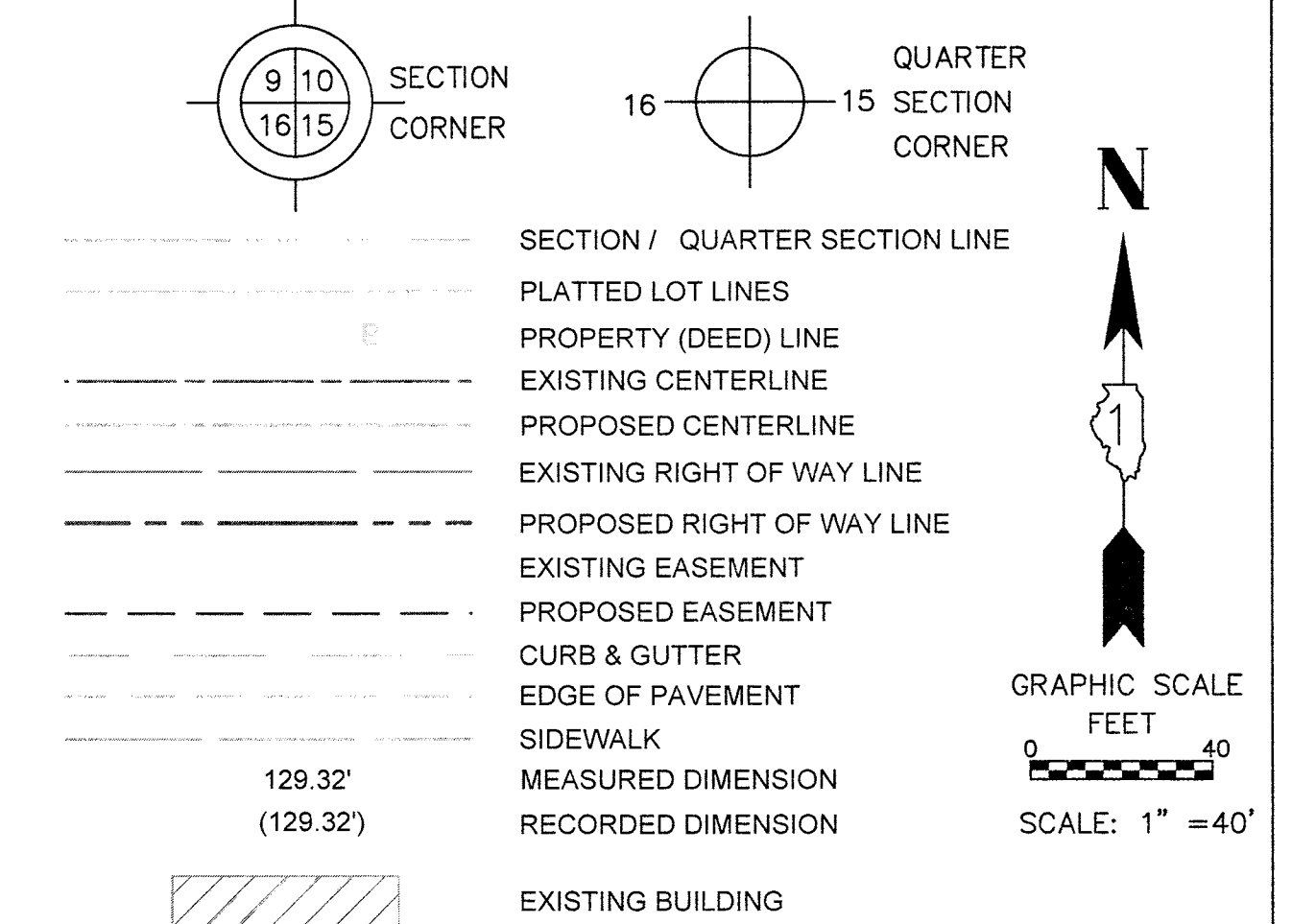
SEE SHEET 10A



COORDINATE TABLE ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)			
STATION	OFFSET	NORTHING	EASTING
134+25.73	100.61' RT	2,096,709.311	1,072,480.135
134+36.35	65.61' RT	2,096,709.575	1,072,443.690
134+72.81	65.64' LT	2,096,710.563	1,072,307.481
134+75.22	75.00' LT	2,096,710.634	1,072,297.789
134+77.78	85.00' LT	2,096,710.709	1,072,287.442
135+58.19	75.00' LT	2,096,794.445	1,072,277.976
135+60.43	85.62' LT	2,096,794.506	1,072,267.107
135+60.95	75.00' LT	2,096,797.249	1,072,277.378
136+00.00	85.62' RT	2,096,866.572	1,072,427.207
136+00.00	100.61' RT	2,096,869.401	1,072,441.927
137+18.16	85.62' RT	2,096,978.366	1,072,409.147
137+21.01	65.55' RT	2,096,978.493	1,072,388.898
137+90.42	65.71' LT	2,097,032.946	1,072,250.776
137+92.32	85.62' LT	2,097,033.059	1,072,230.773
137+91.31	75.00' LT	2,097,032.999	1,072,241.441
138+39.32	177.13' RT	2,097,100.162	1,072,488.944
138+42.48	167.91' RT	2,097,102.413	1,072,479.548
138+44.39	175.76' RT	2,097,104.673	1,072,487.266
138+47.68	123.23' RT	2,097,104.296	1,072,434.654
138+52.24	125.97' RT	2,097,108.730	1,072,437.123
138+54.15	201.32' RT	2,097,115.099	1,072,512.219
138+58.08	198.19' RT	2,097,118.439	1,072,508.882
138+74.89	99.99' RT	2,097,128.592	1,072,409.985
138+74.52	106.11' RT	2,097,128.548	1,072,416.119
138+70.43	65.73' LT	2,097,115.657	1,072,244.713
138+75.75	85.62' RT	2,097,128.693	1,072,395.588
138+76.93	65.51' RT	2,097,128.836	1,072,375.454
138+83.76	75.00' LT	2,097,128.993	1,072,234.774
138+84.81	79.27' LT	2,097,129.865	1,072,229.840
138+85.10	85.62' LT	2,097,129.906	1,072,224.105

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1LC0007	2.399	0.070	185.68'	2.329	0.059		02-36-208-006
1LC0007TE							
1LC0008	0.463	0.020	185.68'	0.443	0.024		02-36-208-011
1LC0008TE							
1LC0009TE-A	0.304	0.070	185.68'	0.304	0.004	165	02-36-209-001
1LC0009TE-B							
1LC0010TE	0.227			0.227	0.003	128	02-36-209-002
1LC0031TE	4.058			4.058	0.182		02-36-209-005

LEGEND



ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

AREAS SHOWN ON PLAT ARE GROUND.

- 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 BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT-OF-WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, DONALD RERICKA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, FLUIDCLARITY LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184.003912), HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 6, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, SECTIONS 25 AND 36, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTION 31, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS, 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 OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
LICENSE EXPIRATION DATE: _____

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

Fluidclarity 1144 W. LAKE ST., STE 303
OAK PARK, IL 60301

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 45

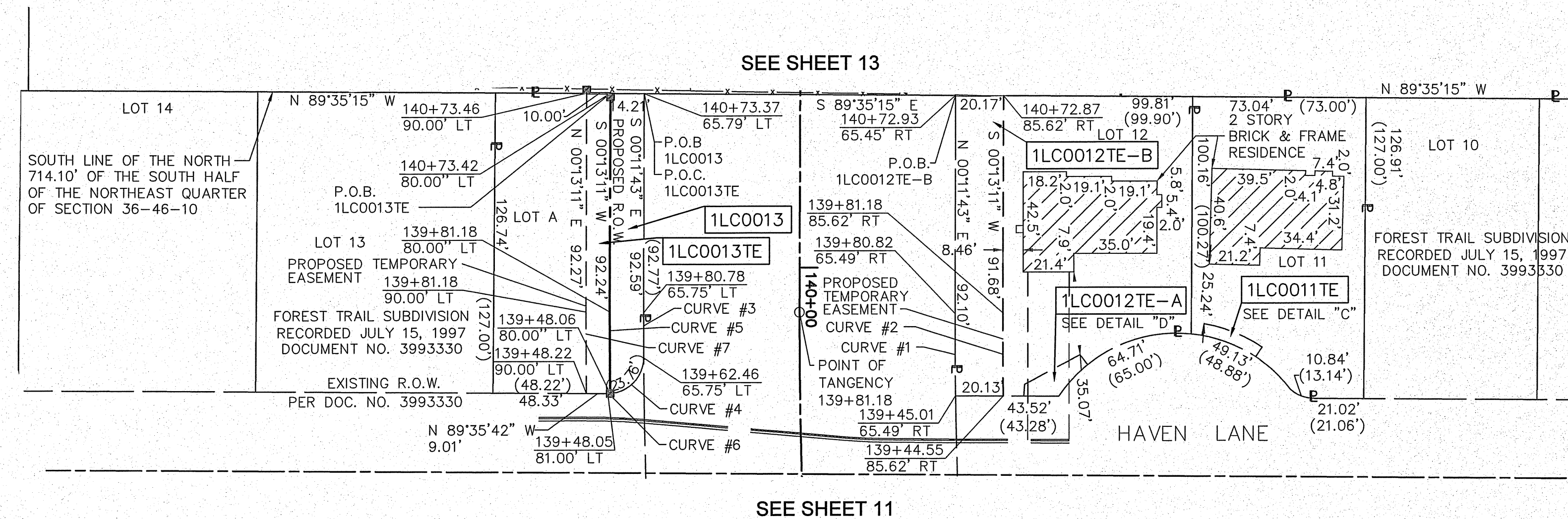
LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
SECTION: JOB NO.: R-91-026-13
STA. 134+72.81 TO STA. 138+85.10
SCALE: 1"=40' SHEET 11 OF 28 SHEETS

IDOT USE ONLY
RECEIVED
OCT 13 2016
PLATS & LEGALS

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

REVISION DATE: ___/___/___ REVISION MADE BY: _____

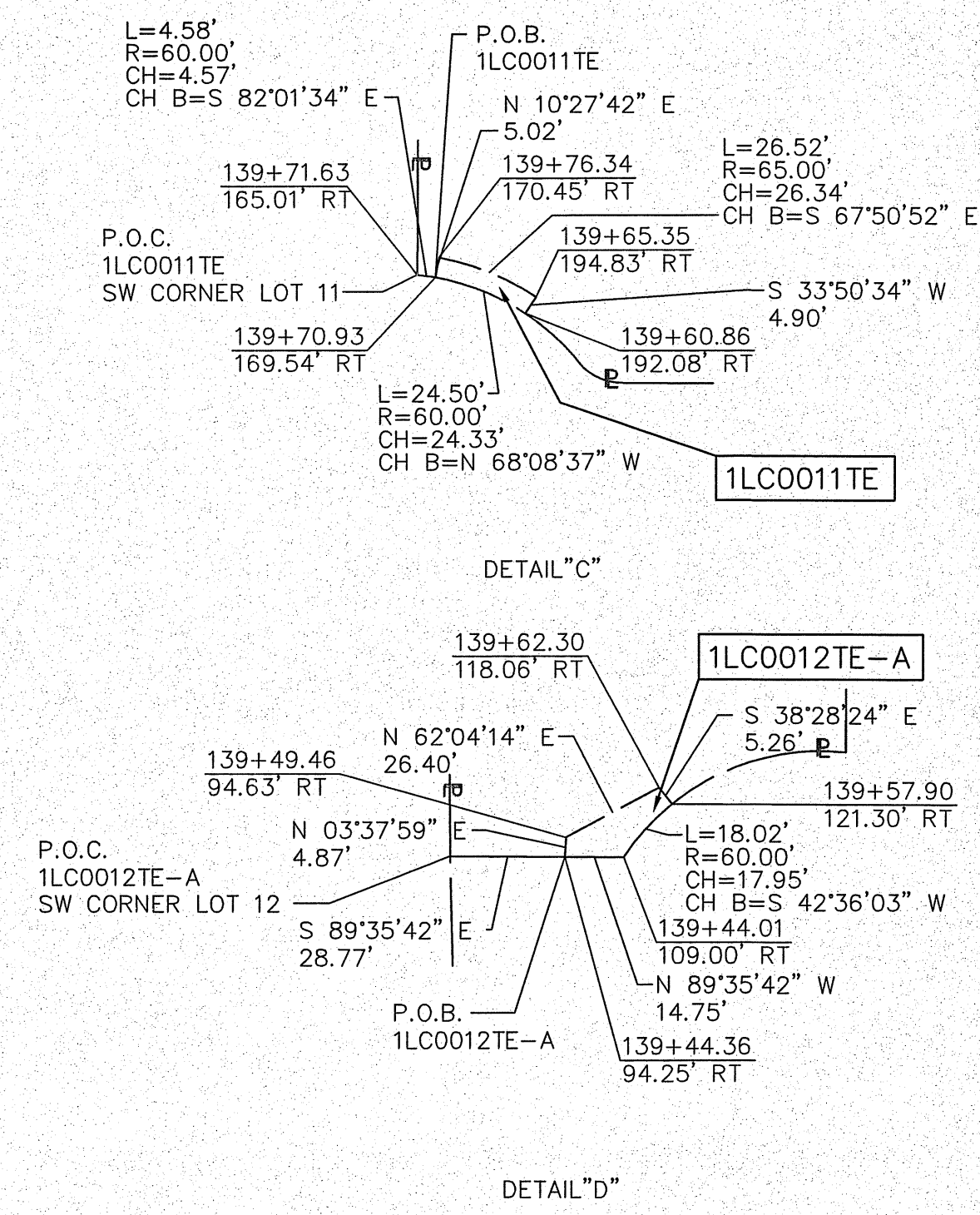
PART OF THE NORTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



- CURVE #1:
L=34.62' (34.75')
R=1,902.87'
CH=34.62'
CH B=N 00°19'34" W
- CURVE #2:
L=35.04'
R=1,882.78'
CH=35.04'
CH B=S 00°18'49" E
- CURVE #3:
L=18.95' (19.03')
R=2,034.11'
CH=18.95'
CH B=S 00°04'18" E
- CURVE #4:
L=22.76'
R=15.00'
CH=20.64'
CH B=S 43°07'48" W
- CURVE #5:
L=34.47'
R=2,048.40'
CH=34.47'
CH B=N 00°15'45" W
- CURVE #6:
L=1.00'
R=15.00'
CH=1.00'
CH B=S 88°30'06" W
- CURVE #7:
L=34.47'
R=2,058.40'
CH=34.47'
CH B=N 00°15'36" W

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1LC0011TE	0.196			0.196	0.003	126	02-36-205-002
1LC0012TE-A 1LC0012TE-B	0.265			0.265	0.005	222	02-36-205-001
1LC0013 1LC0013TE	0.182	0.040		0.142	0.029		02-36-204-006

COORDINATE TABLE ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)			
STATION	OFFSET	NORTHING	EASTING
139+44.01	109.00' RT	2,097,194.545	1,072,416.843
139+44.36	94.25' RT	2,097,194.649	1,072,402.092
139+44.55	85.62' RT	2,097,194.710	1,072,393.453
139+45.01	65.49' RT	2,097,194.852	1,072,373.327
139+48.05	81.00' LT	2,097,195.888	1,072,226.809
139+48.06	80.00' LT	2,097,195.914	1,072,227.805
139+48.22	90.00' LT	2,097,195.952	1,072,217.803
139+49.46	94.63' RT	2,097,199.508	1,072,402.400
139+57.90	121.30' RT	2,097,207.761	1,072,428.996
139+60.86	192.08' RT	2,097,210.998	1,072,499.751
139+62.30	118.06' RT	2,097,211.874	1,072,425.727
139+62.46	65.75' LT	2,097,210.976	1,072,241.915
139+65.35	194.83' RT	2,097,215.065	1,072,502.478
139+70.93	169.54' RT	2,097,220.056	1,072,477.170
139+71.63	165.01' RT	2,097,220.691	1,072,472.640
139+76.34	170.45' RT	2,097,224.997	1,072,478.082
139+80.78	65.75' LT	2,097,229.923	1,072,241.891
139+80.82	65.49' RT	2,097,229.476	1,072,373.130
139+81.18	CL	2,097,230.075	1,072,307.646
139+81.18	85.62' RT	2,097,229.747	1,072,393.262
139+81.18	80.00' LT	2,097,230.381	1,072,227.647
139+81.18	90.00' LT	2,097,230.420	1,072,217.647
140+72.87	85.62' RT	2,097,321.426	1,072,393.613
140+72.93	65.45' RT	2,097,321.572	1,072,373.444
140+73.37	65.79' LT	2,097,322.516	1,072,242.206
140+73.42	80.00' LT	2,097,322.619	1,072,228.000



LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- CURB & GUTTER
- EDGE OF PAVEMENT
- SIDEWALK
- MEASURED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

AREAS SHOWN ON PLAT ARE GROUND.

- 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 2135 (TO BE SET BY OTHERS)
- RIGHT-OF-WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, DONALD RERICKA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, FLUIDCLARITY LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184.003912), HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 6, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, SECTIONS 25 AND 36, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTION 31, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS, 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 OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20 __A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
LICENSE EXPIRATION DATE: _____

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

Fluidclarity 1144 W. LAKE ST., STE 303
OAK PARK, IL 60301

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
SECTION: _____ JOB NO.: R-91-026-13
STA. 139+44.01 TO STA. 140+73.46
SCALE: 1"=40' SHEET 12 OF 28 SHEETS

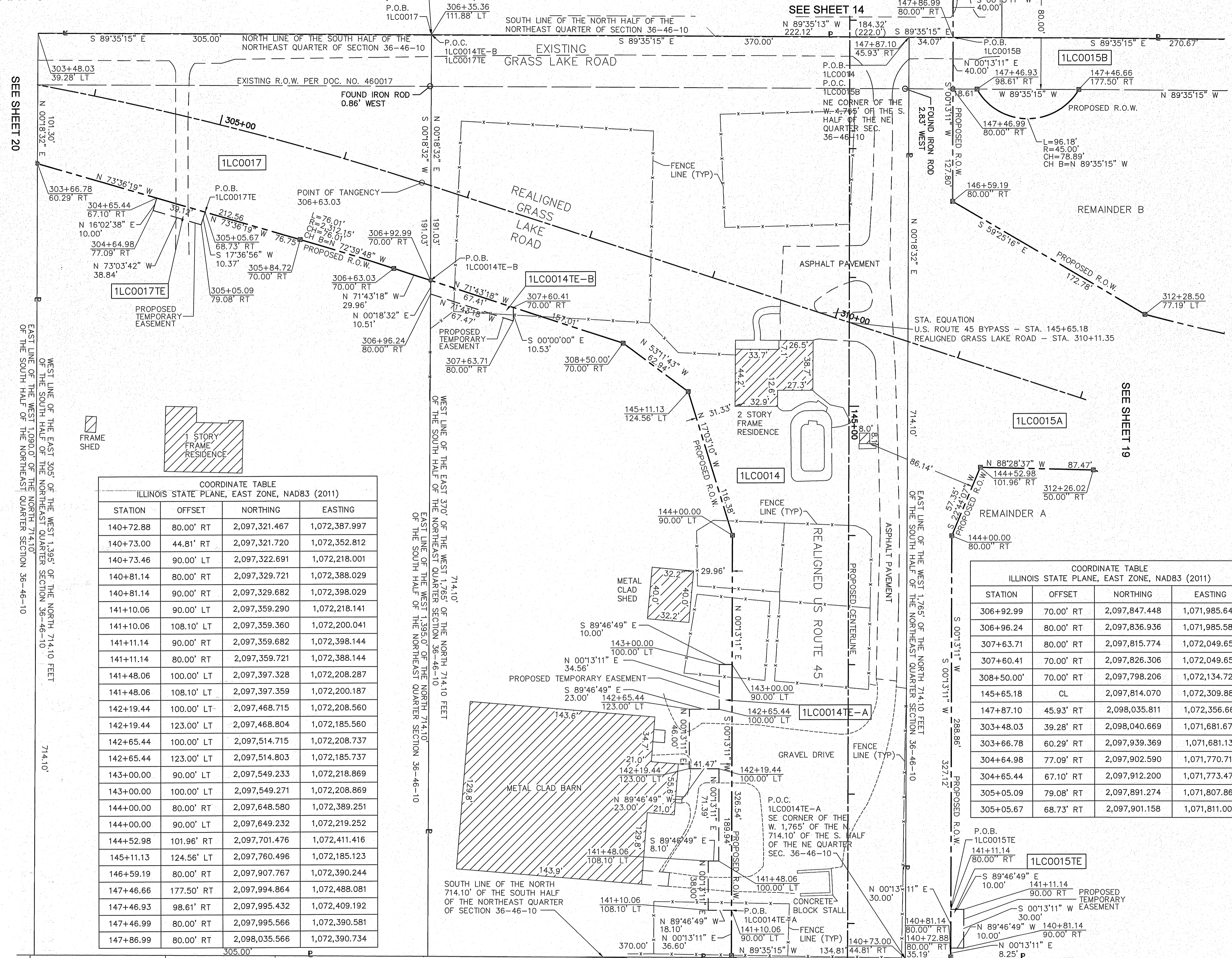
ILDOT USE ONLY
RECEIVED
OCT 27 2015
PLATS & RECORDS

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

GRAPHIC SCALE
0 40
FEET
SCALE: 1" = 40'

REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE NORTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 9 10 16 15 SECTION CORNER

QUARTER CORNER 16 15 SECTION CORNER

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 CURB & GUTTER
 EDGE OF PAVEMENT
 SIDEWALK
 MEASURED DIMENSION
 RECORDED DIMENSION

EXISTING BUILDING

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BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

AREAS SHOWN ON PLAT ARE GROUND.

○ 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 BEARING SURVEYORS REGISTRATION NUMBER.

⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

□ RIGHT-OF-WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
 COUNTY OF COOK)

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DATED AT OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
 LICENSE EXPIRATION DATE: _____

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

Fluidclarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: JOB NO.: R-91-026-13
 STA. 140+72.88 TO STA. 147+86.99
 SCALE: 1"=40' SHEET 13 OF 28 SHEETS

IDOT USE ONLY
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RECEIVED
 SEP 01 2015
 PLATS & RECORDS

COORDINATE TABLE
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

STATION	OFFSET	NORTHING	EASTING
140+72.88	80.00' RT	2,097,321.467	1,072,387.997
140+73.00	44.81' RT	2,097,321.720	1,072,352.812
140+73.46	90.00' LT	2,097,322.691	1,072,218.001
140+81.14	80.00' RT	2,097,329.721	1,072,388.029
140+81.14	90.00' RT	2,097,329.682	1,072,398.029
141+10.06	90.00' LT	2,097,359.290	1,072,218.141
141+10.06	108.10' LT	2,097,359.360	1,072,200.041
141+11.14	90.00' RT	2,097,359.682	1,072,398.144
141+11.14	80.00' RT	2,097,359.721	1,072,388.144
141+48.06	100.00' LT	2,097,397.328	1,072,208.287
141+48.06	108.10' LT	2,097,397.359	1,072,200.187
142+19.44	100.00' LT	2,097,468.715	1,072,208.560
142+19.44	123.00' LT	2,097,468.804	1,072,185.560
142+65.44	100.00' LT	2,097,514.715	1,072,208.737
142+65.44	123.00' LT	2,097,514.803	1,072,185.737
143+00.00	90.00' LT	2,097,549.233	1,072,218.869
143+00.00	100.00' LT	2,097,549.271	1,072,208.869
144+00.00	80.00' RT	2,097,648.580	1,072,389.251
144+00.00	90.00' LT	2,097,649.232	1,072,219.252
144+52.98	101.96' RT	2,097,701.476	1,072,411.416
145+11.13	124.56' RT	2,097,760.496	1,072,185.123
146+59.19	80.00' RT	2,097,907.767	1,072,390.244
147+46.66	177.50' RT	2,097,994.864	1,072,488.081
147+46.93	98.61' RT	2,097,995.432	1,072,409.192
147+46.99	80.00' RT	2,097,995.566	1,072,390.581
147+86.99	80.00' RT	2,098,035.566	1,072,390.734

COORDINATE TABLE
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

STATION	OFFSET	NORTHING	EASTING
306+92.99	70.00' RT	2,097,847.448	1,071,985.640
306+96.24	80.00' RT	2,097,836.936	1,071,985.584
307+63.71	80.00' RT	2,097,815.774	1,072,049.650
307+60.41	70.00' RT	2,097,826.306	1,072,049.650
308+50.00'	70.00' RT	2,097,798.206	1,072,134.724
145+65.18	CL	2,097,814.070	1,072,309.885
147+87.10	45.93' RT	2,098,035.811	1,072,356.661
303+48.03	39.28' RT	2,098,040.669	1,071,681.677
303+66.78	60.29' RT	2,097,939.369	1,071,681.131
304+64.98	77.09' RT	2,097,902.590	1,071,770.710
304+65.44	67.10' RT	2,097,912.200	1,071,773.473
305+05.09	79.08' RT	2,097,891.274	1,071,807.865
305+05.67	68.73' RT	2,097,901.158	1,071,811.004

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
1LC0014							
1LC0014TE-A	6.066	3.518	0.340	2.548	0.075		02-36-200-037
1LC0014TE-B					0.016		
1LC0015A		1.641	0.031	A=2.242			02-36-200-030
1LC0015B	7.374	0.278	0.248	B=3.213			02-36-200-014
1LC0015TE					0.007	300	
1LC0017		1.021	0.280	3.979			02-36-200-033
1LC0017TE					0.009	397	

SEE SHEET 12

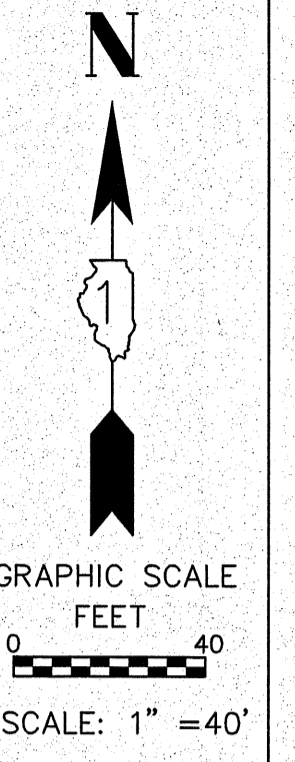
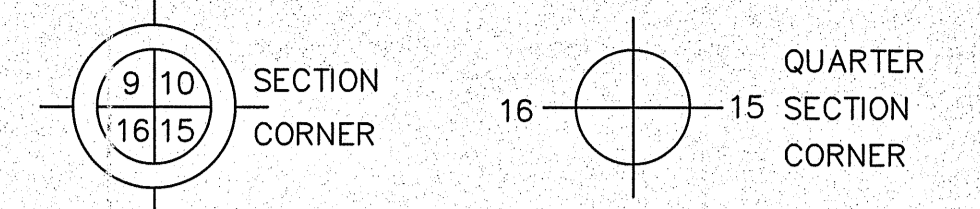
REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE NORTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

SEE SHEET 15

SOUTH LINE OF THE NORTH 543' OF THE NORTHEAST QUARTER SEC. 36-46-10

LEGEND



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1LC0022	9.398	3.214	0.169	6.184	0.007	300	02-36-201-001 02-36-200-024
1LC0022TE-A					0.055		
1LC0022TE-B							

COORDINATE TABLE ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)			
STATION	OFFSET	NORTHING	EASTING
147+87.61	104.32' LT	2,098,036.892	1,072,206.417
148+26.99	80.00' RT	2,098,075.566	1,072,390.887
148+27.01	75.00' RT	2,098,075.602	1,072,385.887
149+04.94	75.00' RT	2,098,153.535	1,072,386.186
149+04.94	85.00' RT	2,098,153.496	1,072,396.186
149+34.94	75.00' RT	2,098,183.534	1,072,386.301
149+34.94	85.00' RT	2,098,183.496	1,072,396.301
152+21.93	75.00' RT	2,098,470.520	1,072,387.401
152+21.93	109.00' RT	2,098,470.390	1,072,421.401
152+91.93	75.00' RT	2,098,540.520	1,072,387.669
152+91.93	109.00' RT	2,098,540.390	1,072,421.669
155+70.10	75.30' RT	2,098,819.513	1,072,388.739
155+70.26	65.00' RT	2,098,819.596	1,072,378.442
155+72.85	102.00' LT	2,098,820.949	1,072,211.426

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

AREAS SHOWN ON PLAT ARE GROUND.

- 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 BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT-OF-WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, DONALD RERICKA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, FLUIDCLARITY LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184.003912), HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 6, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, SECTIONS 25 AND 36, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTION 31, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS, 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 OAK PARK, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
LICENSE EXPIRATION DATE: _____

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

fluidclarity 1144 W. LAKE ST., STE 303
OAK PARK, IL 60301

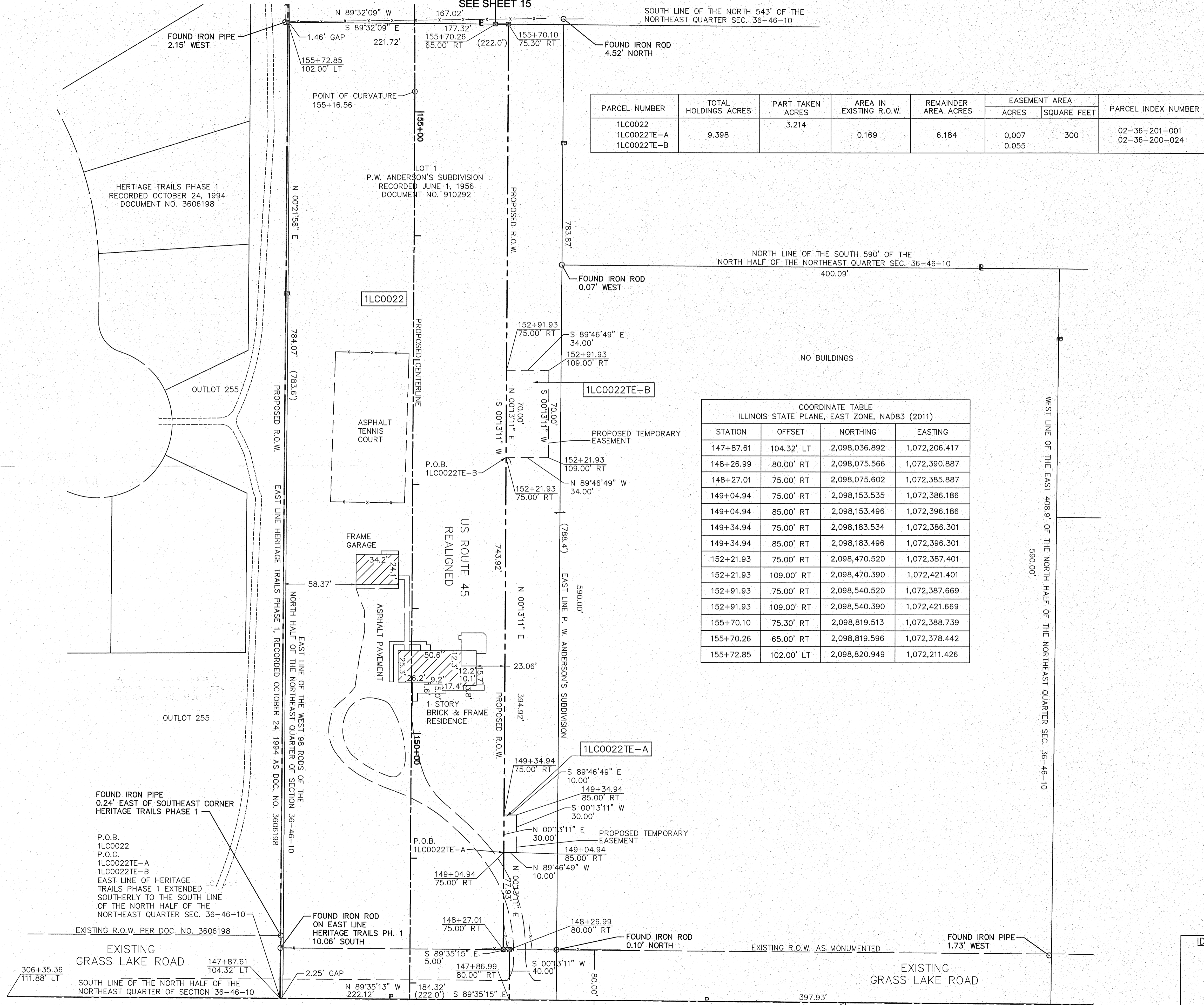
PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
SECTION: JOB NO.: R-91-026-13
STA. 147+86.99 TO STA. 155+72.85
SCALE: 1"=40' SHEET 14 OF 28 SHEETS

DOT USE ONLY
SS
RECEIVED
SEP 01 2015
PLATS & LEASES

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

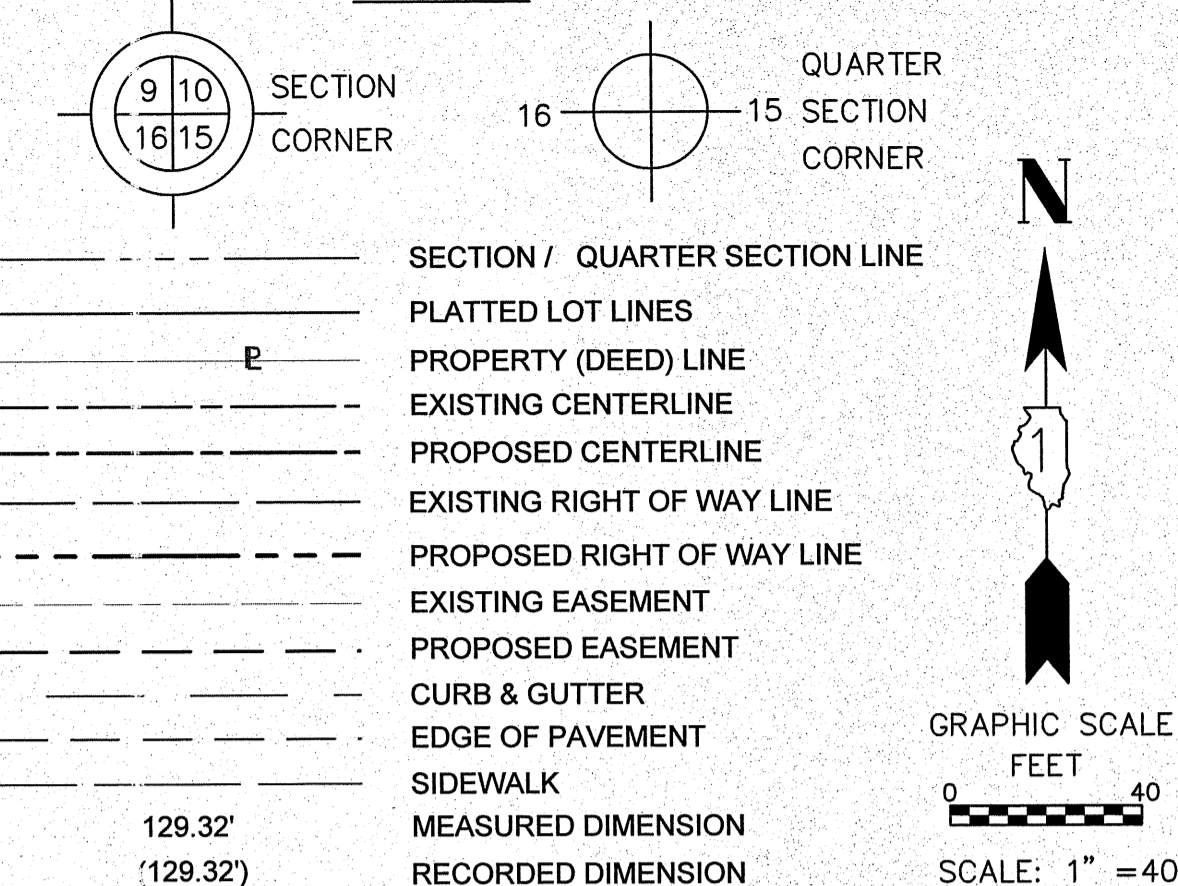


SEE SHEET 13

REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE NORTHEAST QUARTER OF SECTION 36 & THE SOUTHEAST QUARTER OF SECTION 25, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND



ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

AREAS SHOWN ON PLAT ARE GROUND.

- 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 BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT-OF-WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
 COUNTY OF COOK)

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DATED AT OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
 LICENSE EXPIRATION DATE: _____

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

Fluidclarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

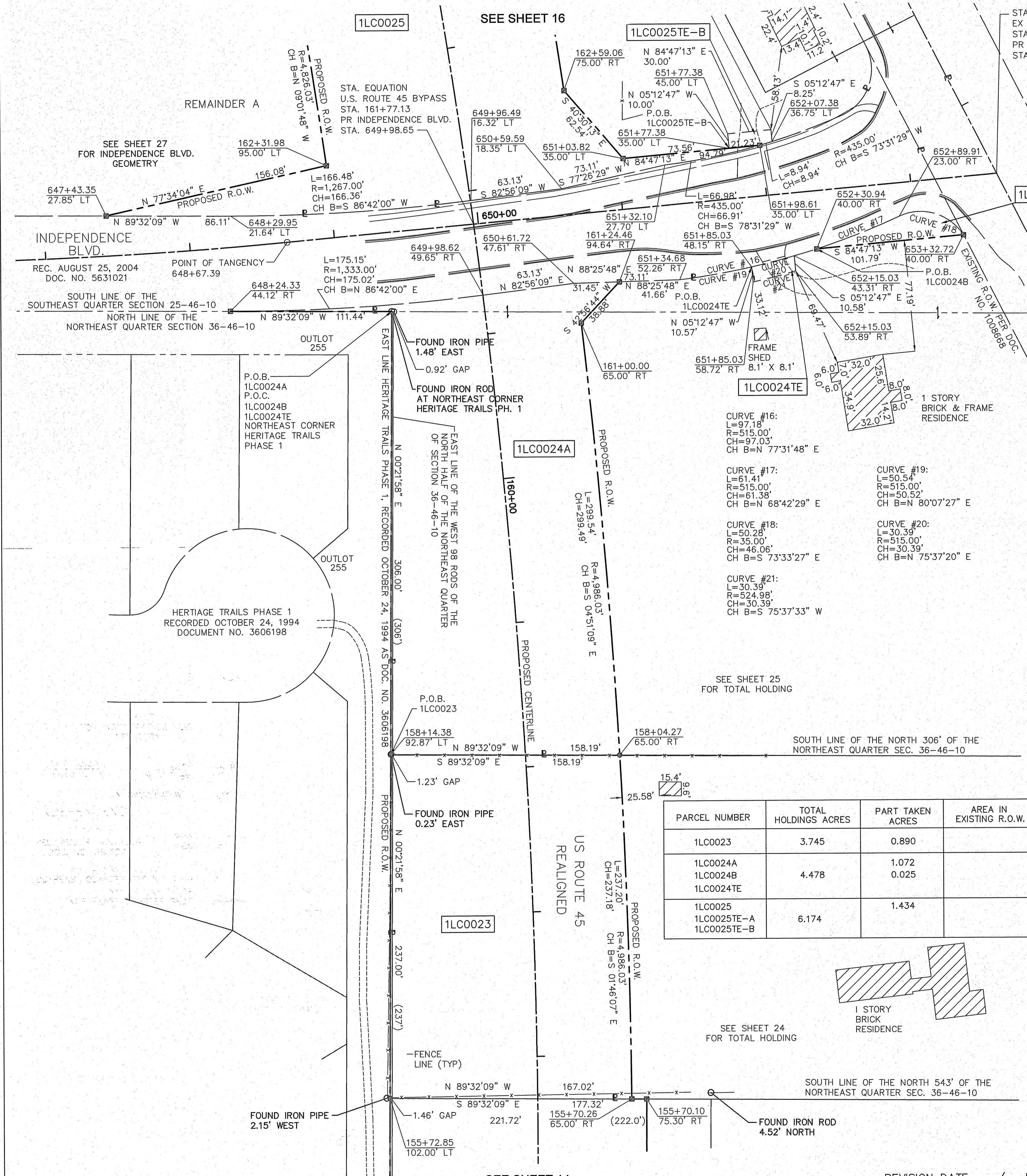
LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: JOB NO.: R-91-026-13
 STA. 155+70.26 TO STA. 162+59.06
 SCALE: 1"=40' SHEET 15 OF 28 SHEETS

RECEIVED
 SEP 01 2015
 PLATS & LETTERS

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

COORDINATE TABLE ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)			
STATION	OFFSET	NORTHING	EASTING
158+04.27	65.00' RT	2,099,056.663	1,072,371.122
158+14.38	92.87' LT	2,099,057.945	1,072,212.940
161+00.00	65.00' RT	2,099,355.082	1,072,345.789
161+24.46	49.61' RT	2,099,383.543	1,072,372.278
161+77.13	CL	2,099,424.190	1,072,271.787
647+43.35	27.85' LT	2,099,431.537	1,072,017.886
648+24.33	44.12' RT	2,099,364.842	1,072,103.456
648+29.95	21.64' LT	2,099,430.840	1,072,103.990
648+67.39	CL	2,099,412.438	1,072,142.987
649+96.49	16.32' LT	2,099,440.416	1,072,270.075
649+98.62	49.65' RT	2,099,374.917	1,072,278.192
650+59.59	18.35' LT	2,099,448.180	1,072,332.725
650+61.72	47.61' RT	2,099,382.681	1,072,340.842
651+03.82	35.00' LT	2,099,468.776	1,072,375.264
651+32.10	27.70' LT	2,099,464.077	1,072,404.086
651+34.68	52.26' RT	2,099,384.684	1,072,413.925
651+77.38	35.00' LT	2,099,475.460	1,072,448.521
651+77.38	45.00' LT	2,099,485.419	1,072,447.612
651+85.03	48.15' RT	2,099,393.349	1,072,463.696
651+85.03	58.72' RT	2,099,382.819	1,072,464.657
651+98.61	35.00' LT	2,099,477.389	1,072,469.661
652+07.38	36.75' LT	2,099,479.926	1,072,478.238
652+07.38	45.00' LT	2,099,488.145	1,072,477.488
652+15.03	43.31' RT	2,099,400.895	1,072,493.132
652+15.03	53.89' RT	2,099,390.363	1,072,494.093
652+30.94	40.00' RT	2,099,405.636	1,072,508.669
652+89.91	23.00' RT	2,099,427.923	1,072,565.856
653+32.72	40.00' RT	2,099,414.885	1,072,610.035

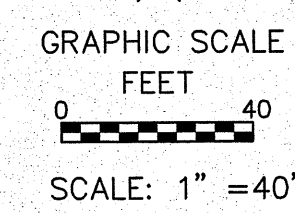
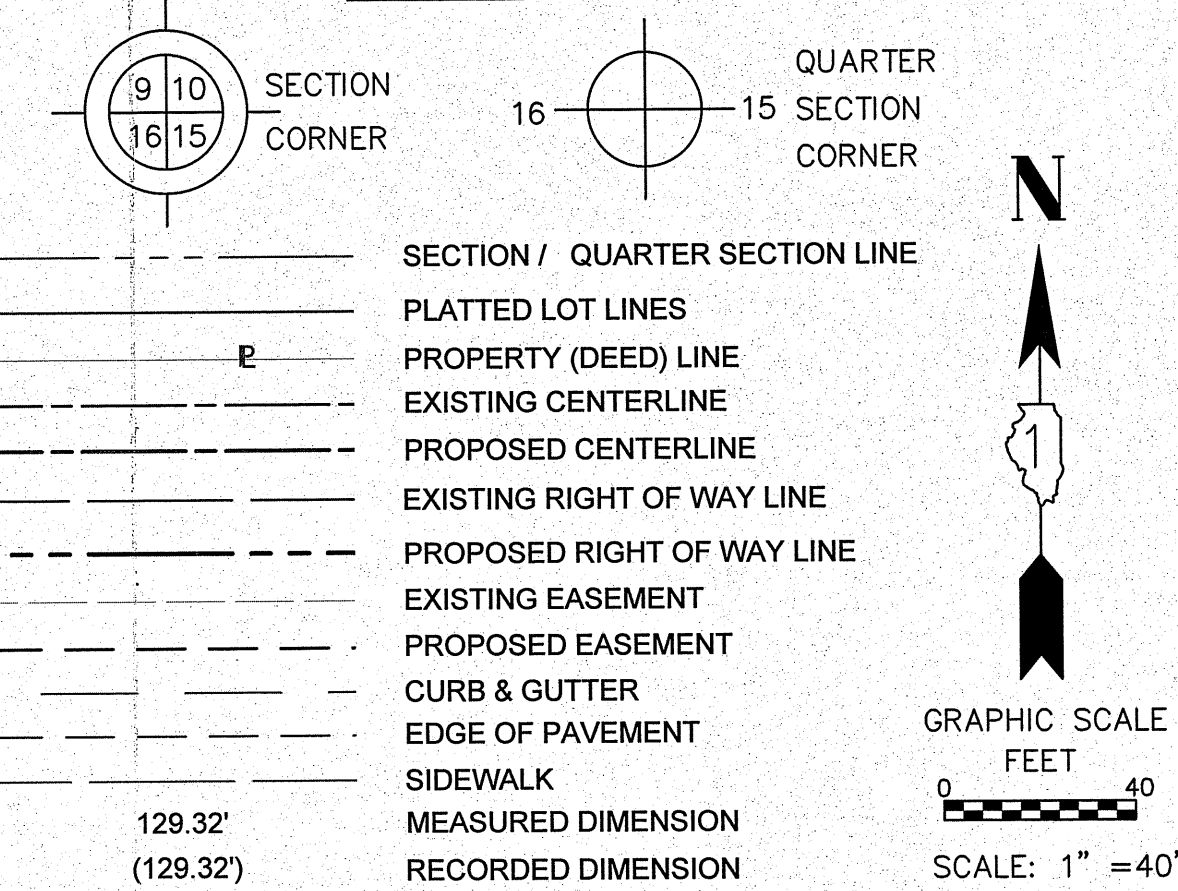
PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1LC0023	3.745	0.890		2.855			02-36-200-006
1LC0024A 1LC0024B 1LC0024E	4.478	1.072 0.025		3.381	0.007	317	02-36-200-003 02-25-400-014
1LC0025 1LC0025E-A 1LC0025E-B	6.174	1.434		A=3.802 B=0.938	0.024 0.007	292	02-25-400-005 02-25-400-014



REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE SOUTHEAST QUARTER OF SECTION 25, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND



COORDINATE TABLE
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

STATION	OFFSET	NORTHING	EASTING
162+31.98	95.00' LT	2,099,465.138	1,072,170.301
162+59.06	75.00' RT	2,099,516.326	1,072,334.647
163+45.89	65.00' RT	2,099,601.770	1,072,311.098
163+45.89	75.00' RT	2,099,603.409	1,072,320.962
164+32.31	65.00' RT	2,099,688.013	1,072,295.985
164+35.44	48.61' RT	2,099,688.148	1,072,279.288
164+77.30	65.00' RT	2,099,732.802	1,072,287.518
164+85.62	103.09' RT	2,099,748.594	1,072,323.802
164+95.65	CL	2,099,738.449	1,072,220.180
164+95.65	65.00' RT	2,099,751.052	1,072,283.946
164+95.65	95.00' LT	2,099,720.029	1,072,126.983
164+95.65	105.00' LT	2,099,718.090	1,072,117.173
165+12.29	244.66' RT	2,099,802.212	1,072,456.971
165+44.16	90.01' RT	2,099,803.492	1,072,299.072
165+46.74	77.49' RT	2,099,803.595	1,072,286.296
165+53.97	41.42' RT	2,099,803.893	1,072,249.454
165+79.80	82.90' LT	2,099,804.922	1,072,122.534

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

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 - 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 2135 (TO BE SET BY OTHERS)
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STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

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DATED AT OAK PARK, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
LICENSE EXPIRATION DATE: _____

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

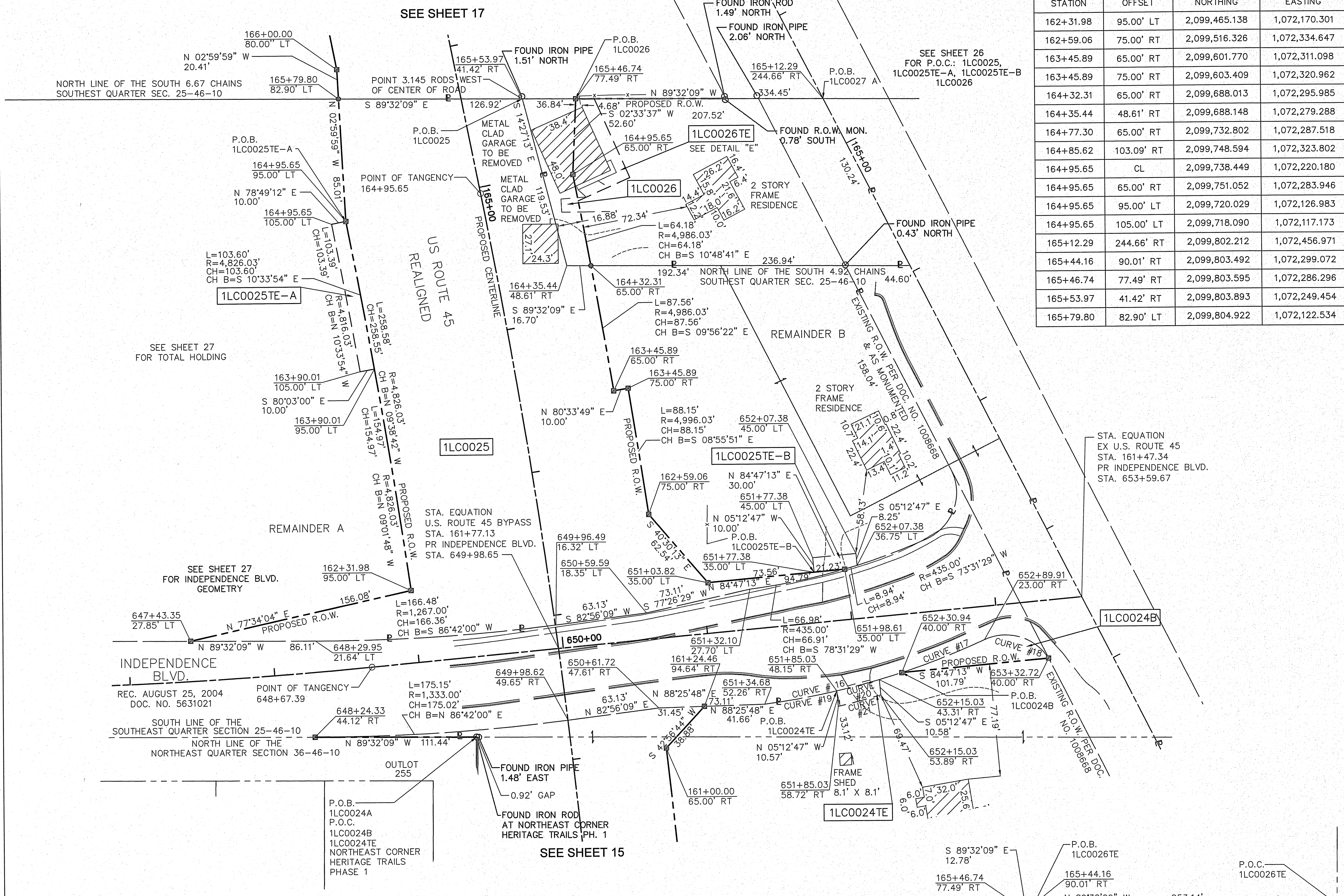
Fluidclarity 1144 W. LAKE ST., STE 303
OAK PARK, IL 60301

PLAT OF HIGHWAYS

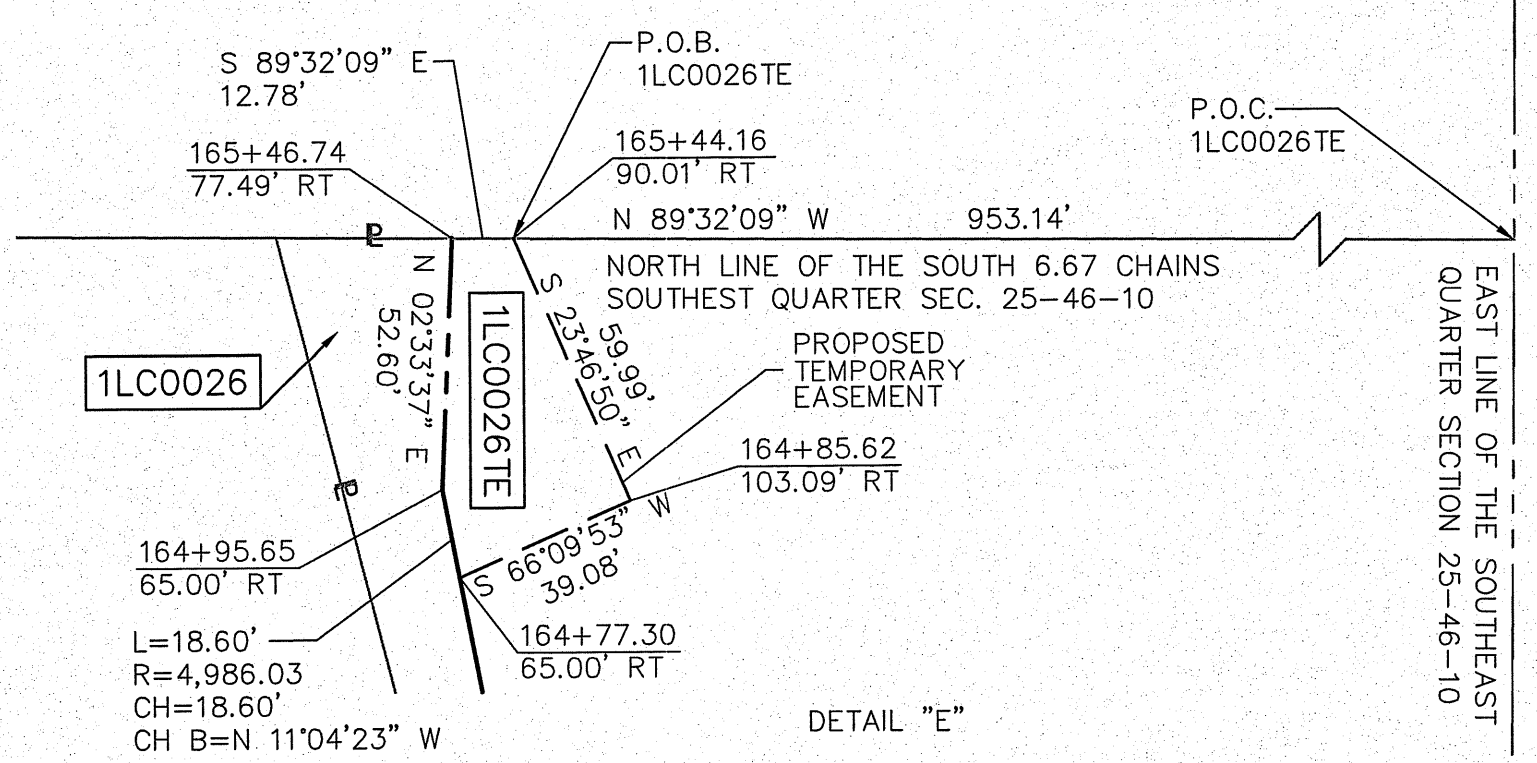
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
SECTION: JOB NO.: R-91-026-13
STA. 161+00.00 TO STA. 165+79.80
SCALE: 1"=40' SHEET 16 OF 28 SHEETS

RECEIVED SEP 21 2015
PLATS & L&L'S
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.	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1LC0024A 1LC0024B 1LC0024TE	4.478	1.072 0.025		3.381	0.007	317	02-36-200-003 02-25-400-014
1LC0025 1LC0025TE-A 1LC0025TE-B	6.174	1.434		A=3.802 B=0.938	0.024 0.007	292	02-25-400-005 02-25-400-014
1LC0026 1LC0026TE	0.589	0.062		0.527	0.040		02-25-400-004



REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE SOUTHEAST QUARTER OF SECTION 25, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

COORDINATE TABLE ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)			
STATION	OFFSET	NORTHING	EASTING
171+87.62	90.00' LT	2,100,400.313	1,071,997.795
172+72.37	532.52' LT	2,100,403.263	1,071,546.882
173+22.98	90.00' LT	2,100,534.229	1,071,972.739
173+29.42	142.09' LT	2,100,531.363	1,071,920.316
173+39.83	31.70' RT	2,100,572.544	1,072,089.483
173+57.28	90.00' LT	2,100,568.224	1,071,966.606
173+62.97	90.00' LT	2,100,573.898	1,071,965.591
173+64.04	137.76' LT	2,100,566.529	1,071,918.393
173+68.70	137.18' LT	2,100,571.304	1,071,918.132
173+89.49	65.00' RT	2,100,627.098	1,072,113.568
174+14.74	507.72' LT	2,100,553.403	1,071,545.023
174+50.00'	80.00' LT	2,100,661.908	1,071,960.323
174+50.00'	85.00' LT	2,100,661.061	1,071,955.396
174+50.00'	90.00' LT	2,100,660.215	1,071,950.468
174+52.22	65.00' RT	2,100,688.626	1,072,102.858
174+61.01	15.96' RT	2,100,688.991	1,072,053.043
177+00.00	80.00' LT	2,100,910.187	1,071,920.103
177+00.00	85.00' LT	2,100,909.434	1,071,915.160
177+47.76	CL	2,100,969.444	1,071,992.091
177+47.76	65.00' RT	2,100,978.993	1,072,056.386
177+47.76	80.00' LT	2,100,957.692	1,071,912.959



LEGEND

SECTION CORNER: 9 10 16 15

QUARTER CORNER: 16 15

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

CURB & GUTTER

EDGE OF PAVEMENT

SIDEWALK

MEASURED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

GRAPHIC SCALE: 1" = 40'

SCALE: 1" = 40'

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

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 - PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - RIGHT-OF-WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
 COUNTY OF COOK)

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DATED AT OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20 ____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
 LICENSE EXPIRATION DATE: _____

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

Fluidclarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: JOB NO.: R-91-026-13
 STA. 171+56.40 TO STA. 177+47.76
 SCALE: 1"=40' SHEET 18 OF 28 SHEETS

DOT USE ONLY
 RECEIVED
 SEP 01 2015
 PLATS & RECORDS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1LC0027A 1LC0027B 1LC0027TE-A 1LC0027TE-B 1LC0027TE-C	51.365	3.251 0.854	0.911 0.545	47.260	0.050 0.006 0.029	251	02-25-400-012
1LC0028 1LC0028TE	2.143	0.549	0.252	1.594	0.040		02-25-400-010
1LC0029	140.277	0.395	0.255	139.882			02-25-200-002
1LC0030	95.939	0.523	0.498	95.416			02-25-400-002 03-30-300-002 03-30-300-003 03-30-300-006 03-31-100-042

SEE SHEET 17

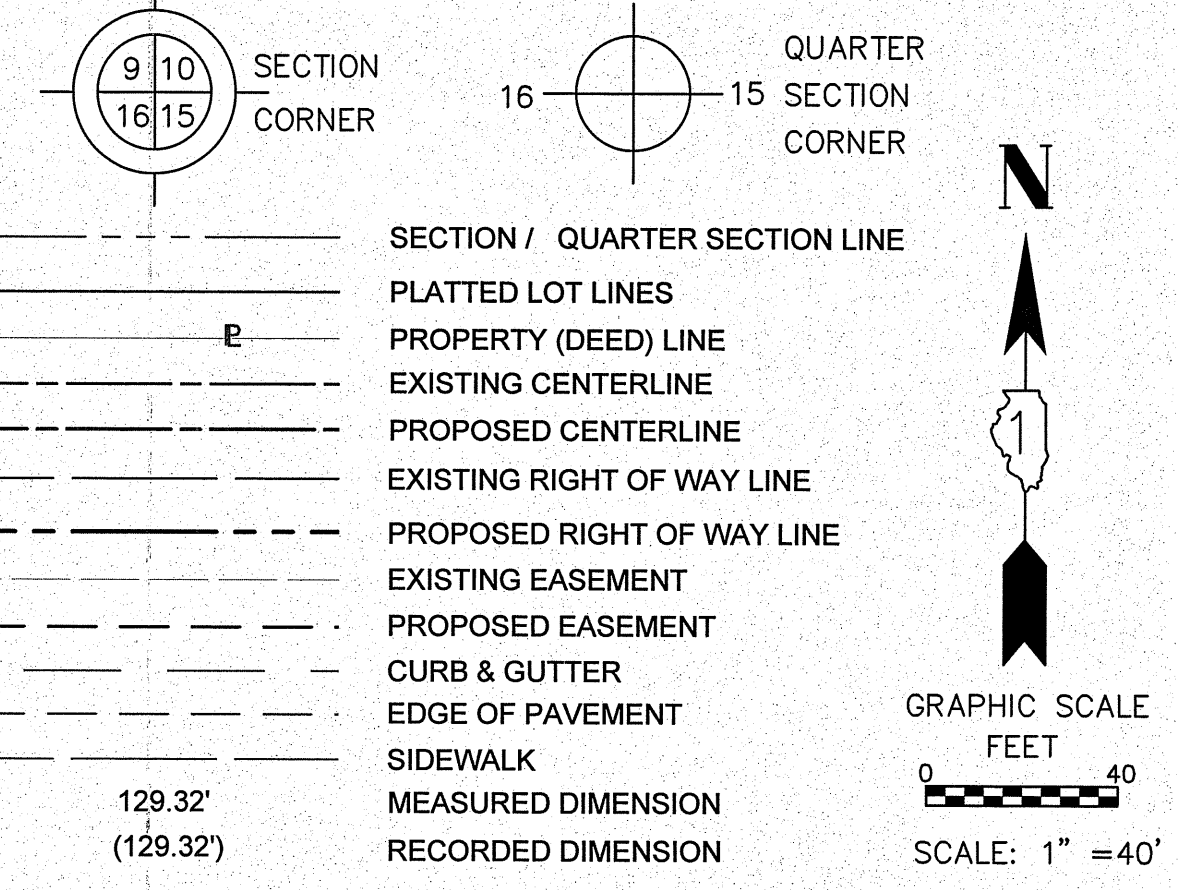
SEE SHEET 26 FOR P.O.C.: 1LC0028, 1LC0028TE

SEE SHEET 26 FOR P.O.C.: 1LC0030 B, 1LC0030TE-B, 1LC0030TE-C

REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE NORTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND



- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.
- AREAS SHOWN ON PLAT ARE GROUND.
- 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 BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - RIGHT-OF-WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, DONALD RERICKA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, FLUIDCLARITY LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184.003912), HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 6, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, SECTIONS 25 AND 36, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTION 31, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS, 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 OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
 LICENSE EXPIRATION DATE: _____

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

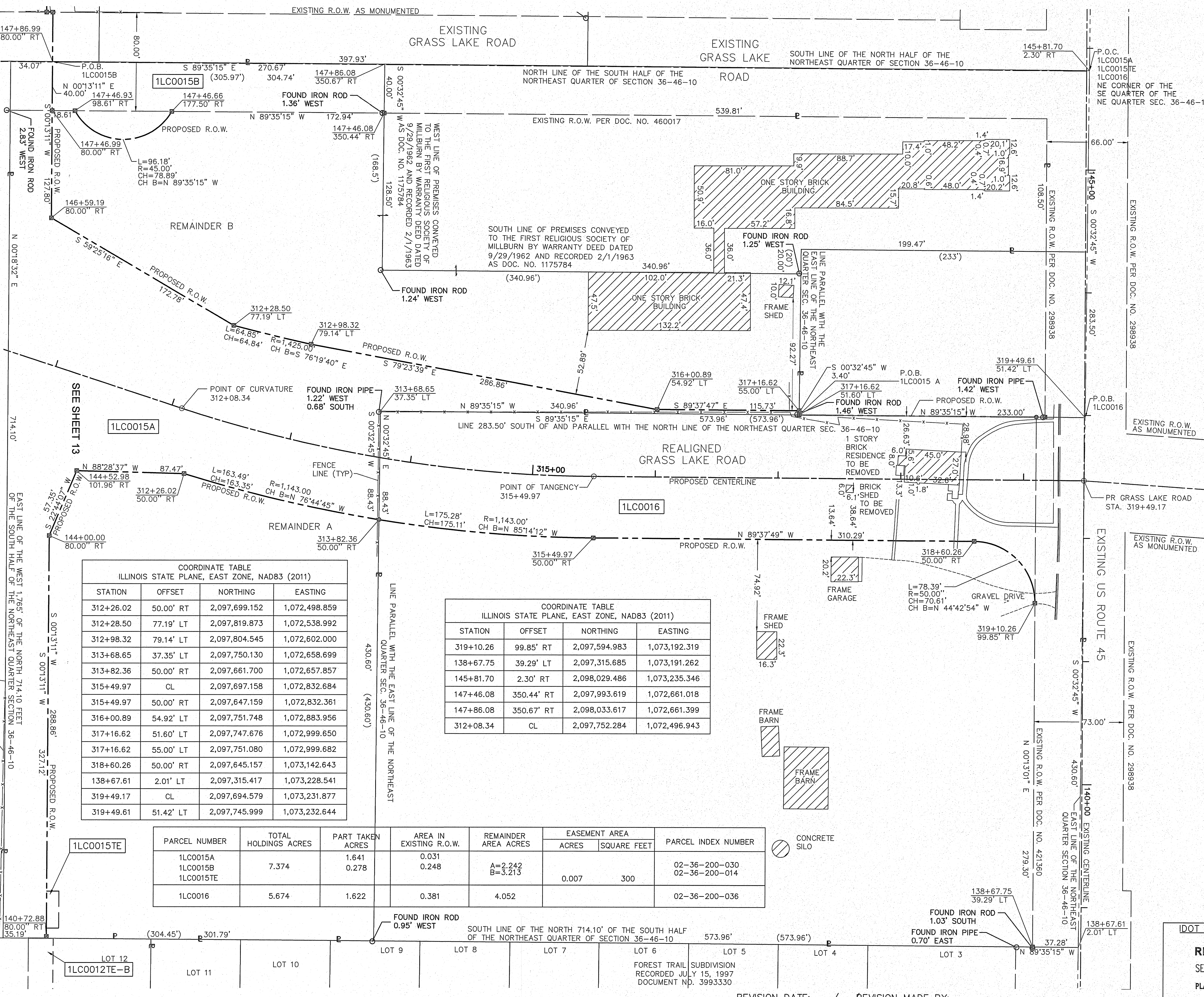
Fluidclarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: JOB NO.: R-91-026-13
 STA. 312+08.34 TO STA. 319+49.61
 SCALE: 1"=40' SHEET 19 OF 28 SHEETS

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

DOT USE ONLY
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 SEP 21 2015
 PLATS & L&L'S



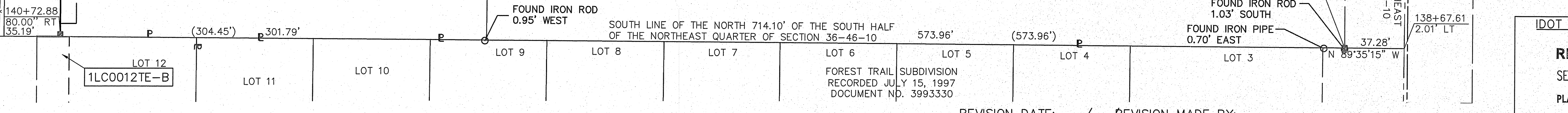
COORDINATE TABLE
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

STATION	OFFSET	NORTHING	EASTING
312+26.02	50.00' RT	2,097,699.152	1,072,498.859
312+28.50	77.19' LT	2,097,819.873	1,072,538.992
312+98.32	79.14' LT	2,097,804.545	1,072,602.000
313+68.65	37.35' LT	2,097,750.130	1,072,658.699
313+82.36	50.00' RT	2,097,661.700	1,072,657.857
315+49.97	CL	2,097,697.158	1,072,832.684
315+49.97	50.00' RT	2,097,647.159	1,072,832.361
316+00.89	54.92' LT	2,097,751.748	1,072,883.956
317+16.62	51.60' LT	2,097,747.676	1,072,999.650
317+16.62	55.00' LT	2,097,751.080	1,072,999.682
318+60.26	50.00' RT	2,097,645.157	1,073,142.643
138+67.61	2.01' LT	2,097,315.417	1,073,228.541
319+49.17	CL	2,097,694.579	1,073,231.877
319+49.61	51.42' LT	2,097,745.999	1,073,232.644

COORDINATE TABLE
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

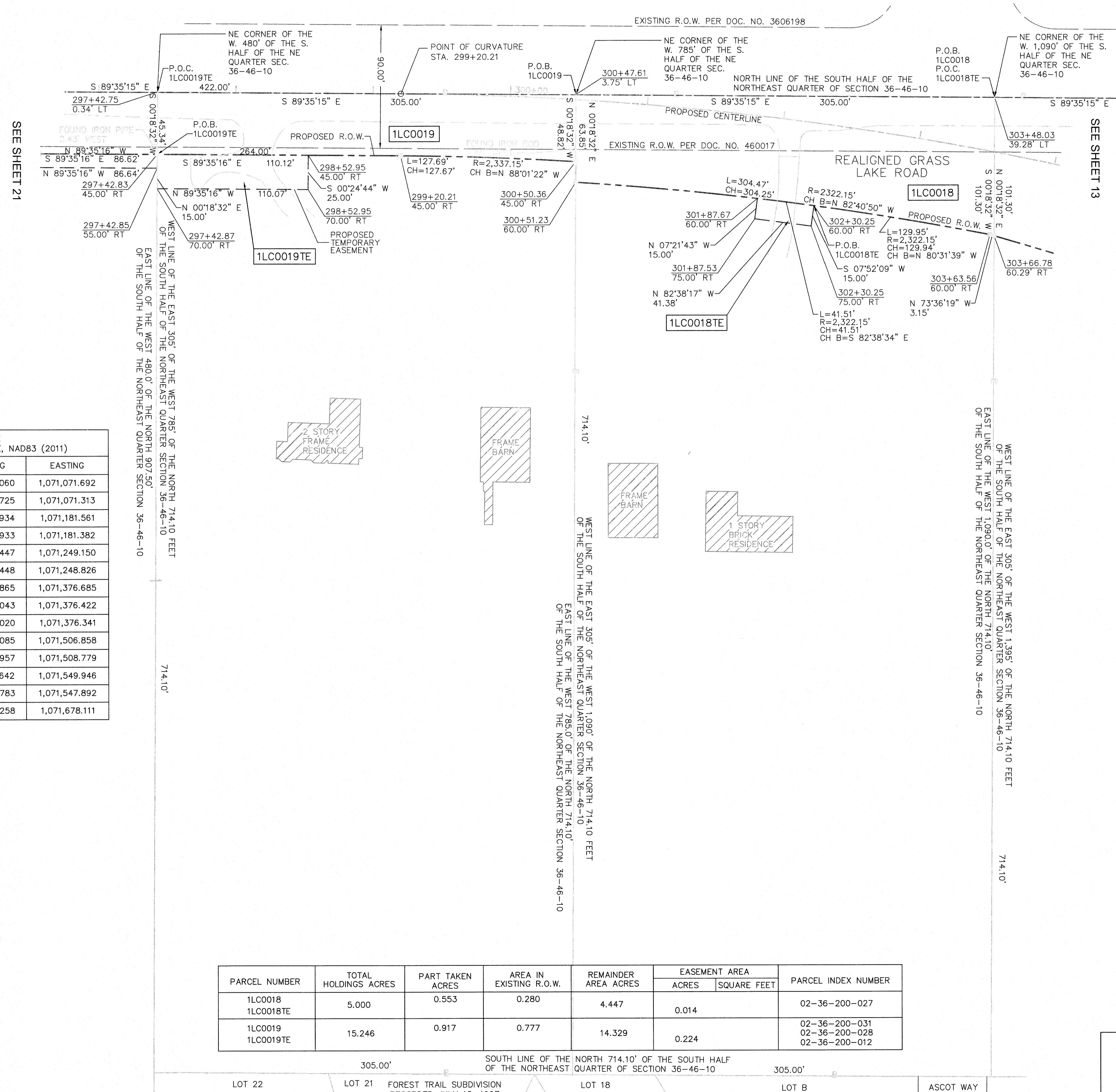
STATION	OFFSET	NORTHING	EASTING
319+10.26	99.85' RT	2,097,594.983	1,073,192.319
138+67.75	39.29' LT	2,097,315.685	1,073,191.262
145+81.70	2.30' RT	2,098,029.486	1,073,235.346
147+46.08	350.44' RT	2,097,993.619	1,072,661.018
147+86.08	350.67' RT	2,098,033.617	1,072,661.399
312+08.34	CL	2,097,752.284	1,072,496.943

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1LC0015A	7.374	1.641	0.031	A=2.242 B=3.213	0.007	300	02-36-200-030 02-36-200-014
1LC0015B		0.278	0.248				
1LC0015TE							
1LC0016	5.674	1.622	0.381	4.052			02-36-200-036



REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE NORTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9 10 16 15

QUARTER CORNER: 16 15

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

CURB & GUTTER

EDGE OF PAVEMENT

SIDEWALK

MEASURED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

AREAS SHOWN ON PLAT ARE GROUND.

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

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□ RIGHT-OF-WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
 COUNTY OF COOK)

GRAPHIC SCALE: FEET 0 40
 SCALE: 1" = 40'

COORDINATE TABLE
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

STATION	OFFSET	NORTHING	EASTING
297+42.75	0.34' LT	2,098,045.060	1,071,071.692
297+42.87	70.00' RT	2,097,974.725	1,071,071.313
298+52.95	45.00' RT	2,097,998.934	1,071,181.561
298+52.95	70.00' RT	2,097,973.933	1,071,181.382
299+20.21	CL	2,098,043.447	1,071,249.150
299+20.21	45.00' RT	2,097,998.448	1,071,248.826
300+47.61	3.75' LT	2,098,042.865	1,071,376.685
300+50.36	45.00' RT	2,097,994.043	1,071,376.422
300+51.23	60.00' RT	2,097,979.020	1,071,376.341
301+87.53	75.00' RT	2,097,952.085	1,071,506.858
301+87.67	60.00' RT	2,097,966.957	1,071,508.779
302+30.25	60.00' RT	2,097,961.642	1,071,549.946
302+30.25	75.00' RT	2,097,946.783	1,071,547.892
303+63.56	60.00' RT	2,097,940.258	1,071,678.111

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1LC0018 1LC0018TE	5.000	0.553	0.280	4.447	0.014		02-36-200-027
1LC0019 1LC0019TE	15.246	0.917	0.777	14.329	0.224		02-36-200-031 02-36-200-028 02-36-200-012

DATED AT OAK PARK, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
 LICENSE EXPIRATION DATE: _____

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FluidClarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: JOB NO.: R-91-026-13
 STA. 297+42.75 TO STA. 303+66.78
 SCALE: 1"=40' SHEET 20 OF 28 SHEETS

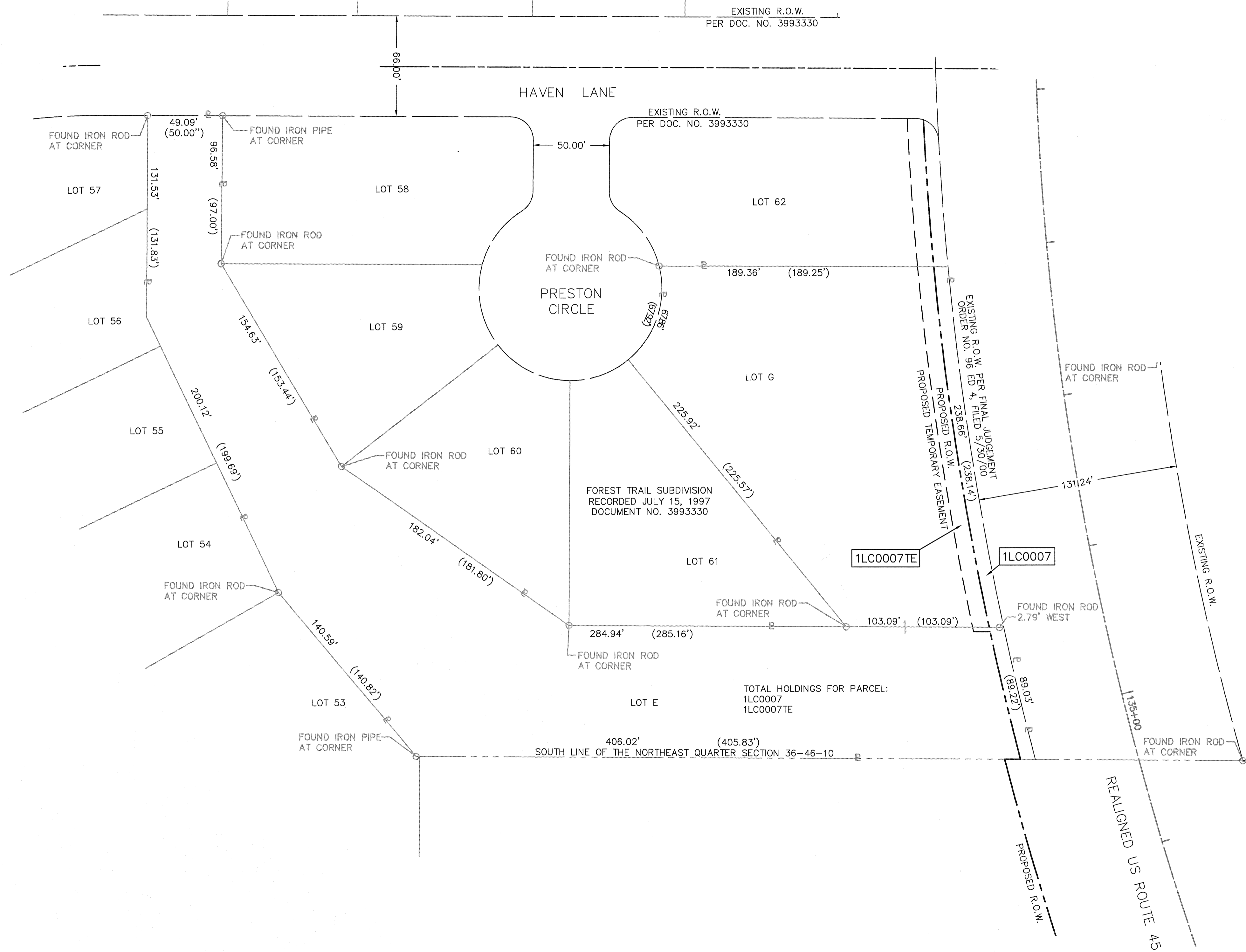
IDOT USE ONLY

RECEIVED
 JAN 25 2017
 PLATS & LEGALS

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

REVISION DATE: 01/24/2017 REVISION MADE BY: ACN, MEK, 1LC0019TE

PART OF THE NORTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



LEGEND

	SECTION CORNER		QUARTER SECTION CORNER
	SECTION / QUARTER SECTION LINE		
	PLATTED LOT LINES		
	PROPERTY (DEED) LINE		
	EXISTING CENTERLINE		
	PROPOSED CENTERLINE		
	EXISTING RIGHT OF WAY LINE		
	PROPOSED RIGHT OF WAY LINE		
	EXISTING EASEMENT		
	PROPOSED EASEMENT		
	CURB & GUTTER		
	EDGE OF PAVEMENT		
	SIDEWALK		
	MEASURED DIMENSION		
	RECORDED DIMENSION		
	EXISTING BUILDING		

GRAPHIC SCALE
0 40
FEET
SCALE: 1" = 40'

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STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

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Fluidclarity 1144 W. LAKE ST., STE 303
OAK PARK, IL 60301

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 45

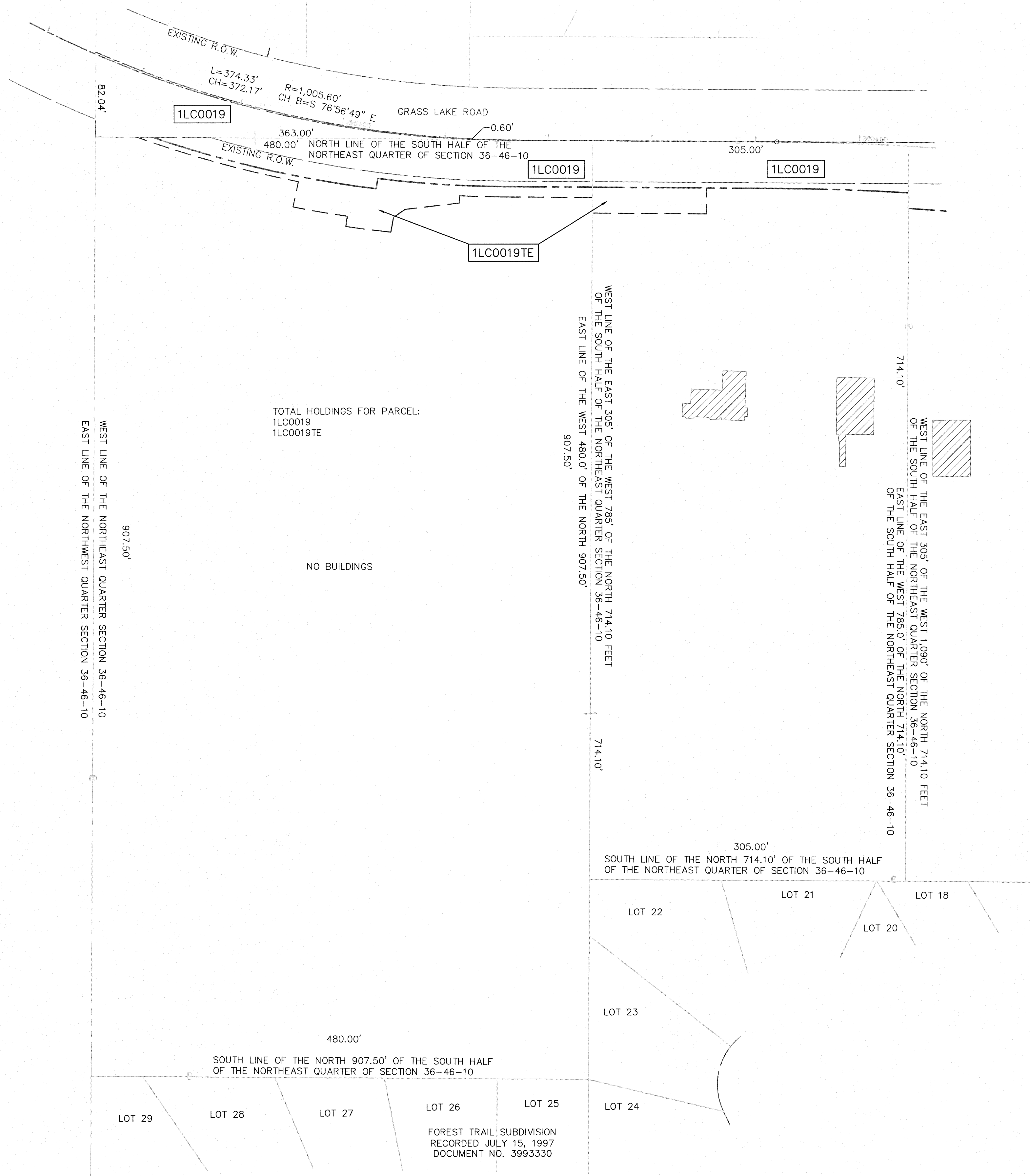
LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
SECTION: _____ JOB NO.: R-91-026-13
STA. _____ TO STA. _____
SCALE: 1"=40' SHEET 22 OF 28 SHEETS

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

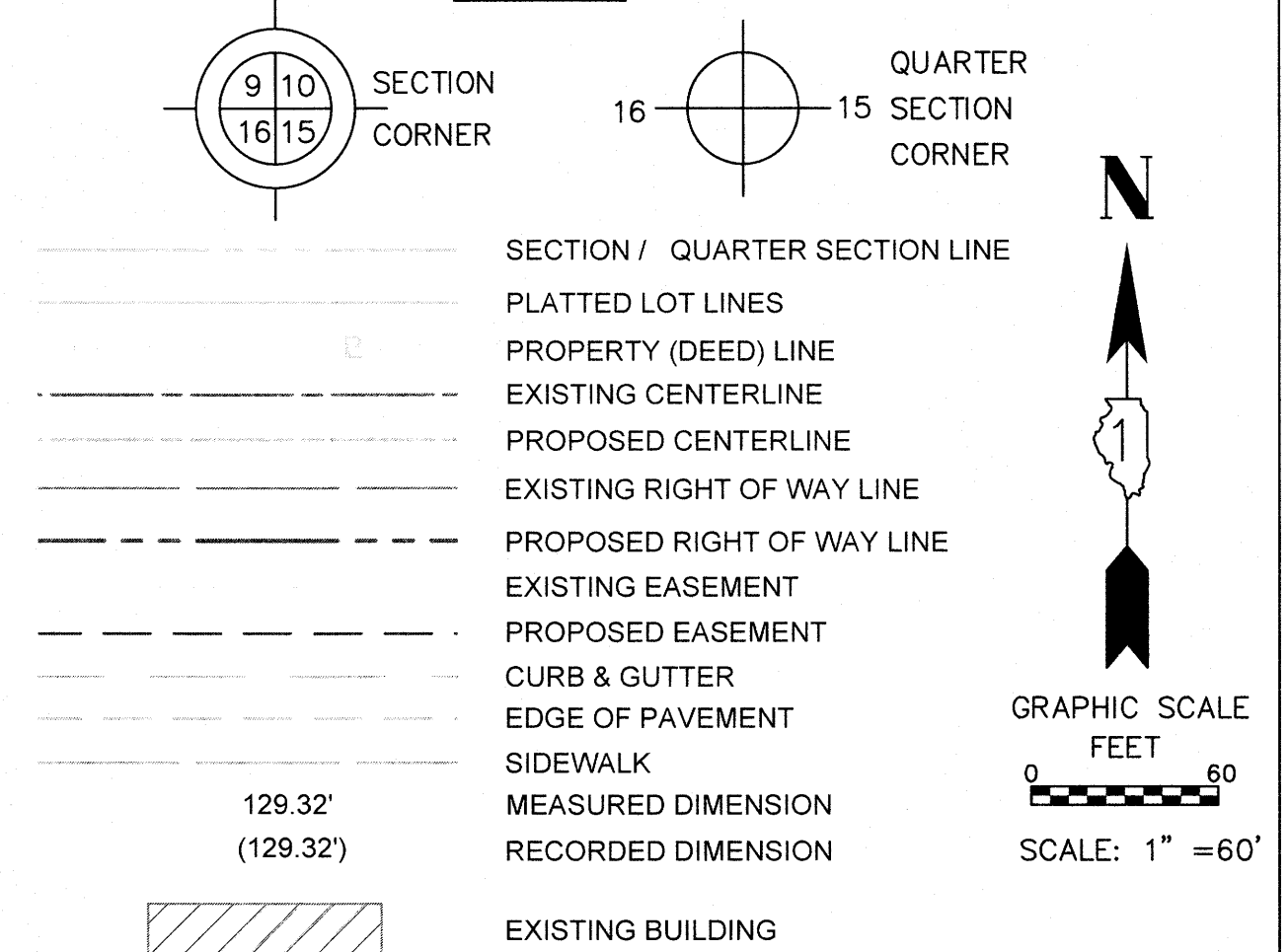
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RECEIVED
SEP 01 2015
PLATS & RECORDS

REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE NORTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



LEGEND



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PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: _____ JOB NO.: R-91-026-13
 STA. _____ TO STA. _____
 SCALE: 1"=60' SHEET 23 OF 28 SHEETS

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

IDOT USE ONLY

RECEIVED
 JAN 25 2017
 PLATS & LEGALS

REVISION DATE: 01/24/2017 REVISION MADE BY: ACN, MEK 1LC0019TE

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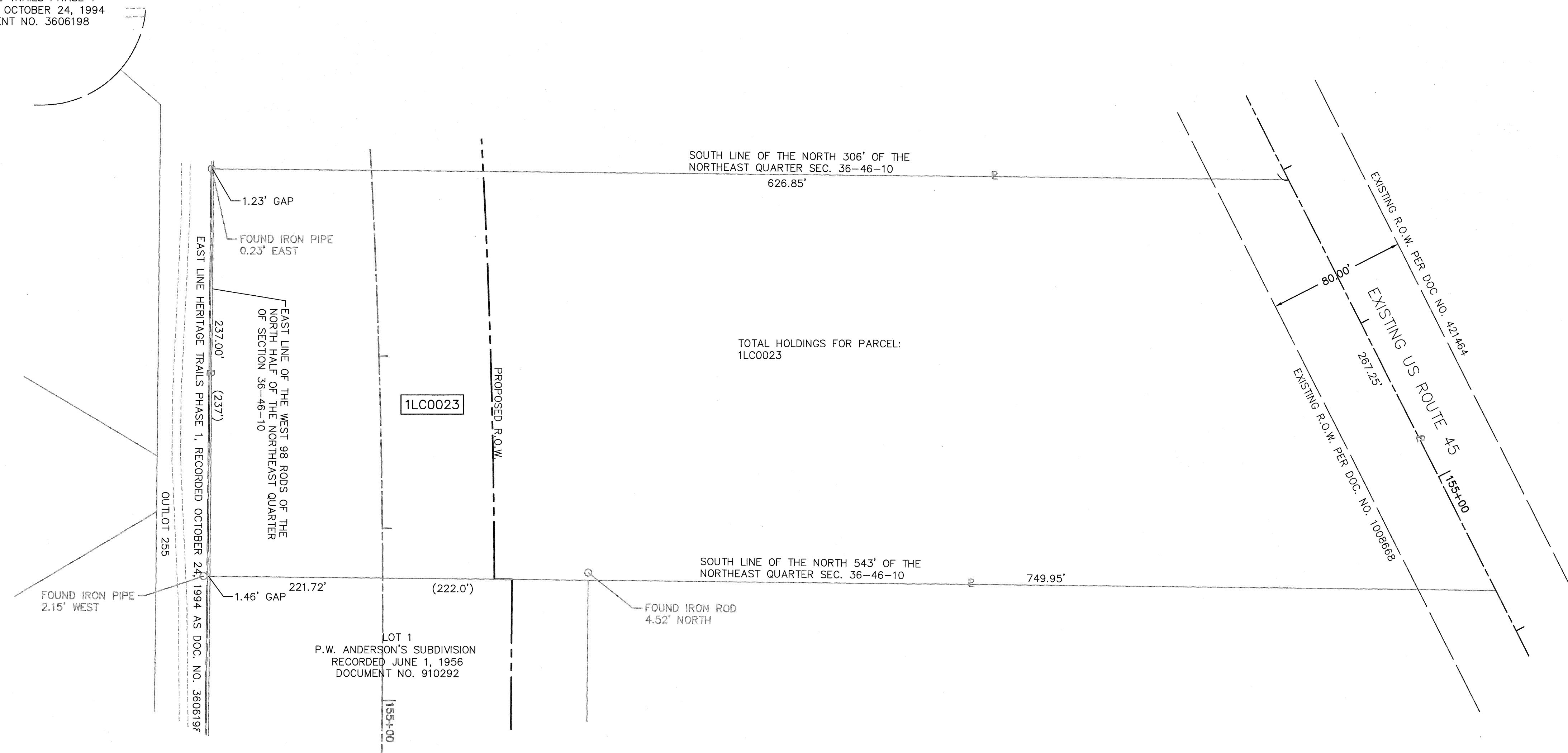
LEGEND

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 CURB & GUTTER
 EDGE OF PAVEMENT
 SIDEWALK
 MEASURED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

SECTION CORNER
 QUARTER SECTION CORNER

GRAPHIC SCALE
 FEET
 0 40
 SCALE: 1" = 40'

HERITAGE TRAILS PHASE 1
 RECORDED OCTOBER 24, 1994
 DOCUMENT NO. 3606198



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PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: JOB NO.: R-91-026-13
 STA. TO STA.
 SCALE: 1"=40' SHEET 24 OF 28 SHEETS

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

IDOT USE ONLY
 65
RECEIVED
 SEP 01 2015
 PLATS & RECORDS

REVISION DATE: ___/___/___ REVISION MADE BY: _____

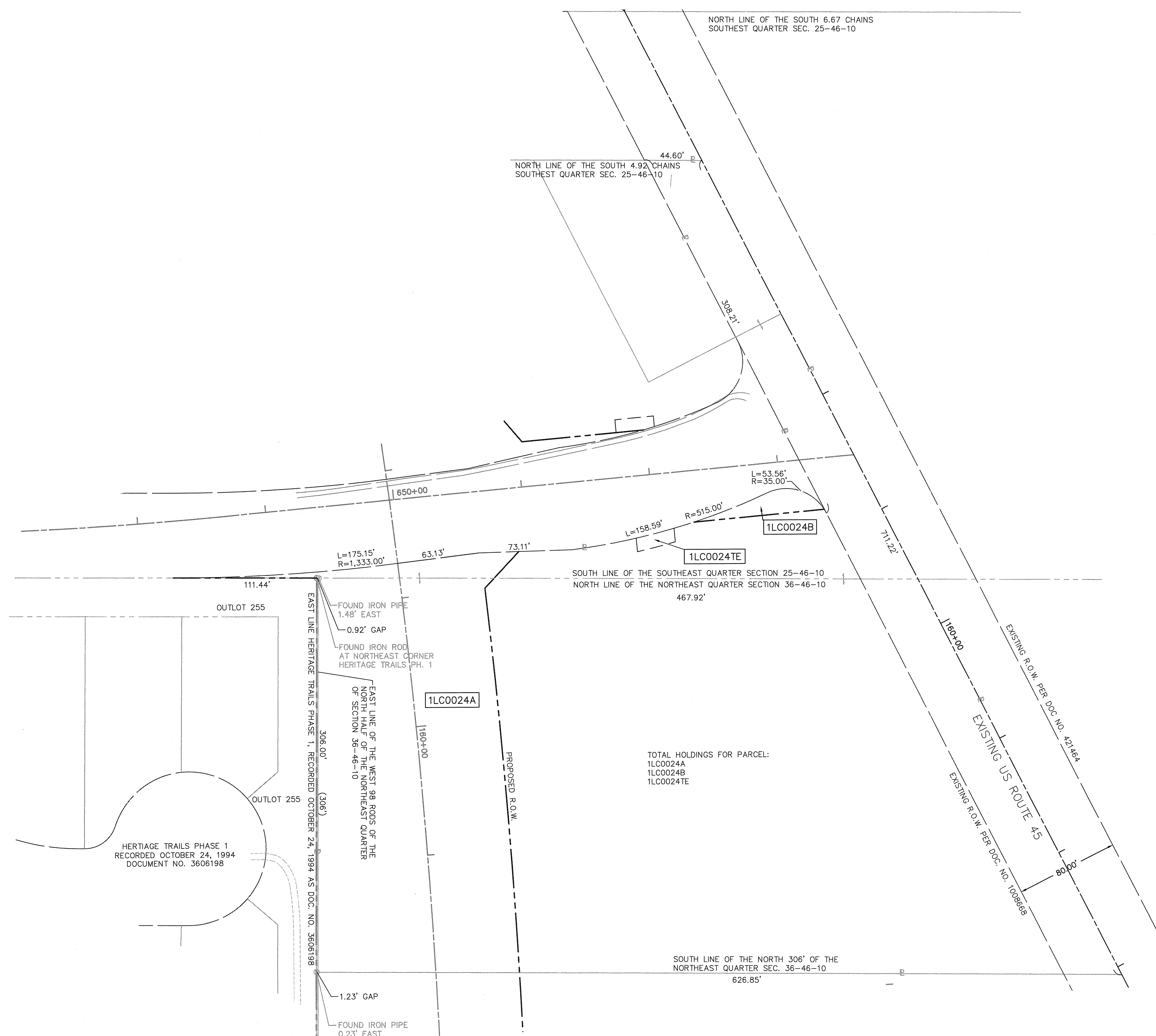
PART OF THE NORTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 CURB & GUTTER
 EDGE OF PAVEMENT
 SIDEWALK
 MEASURED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

SECTION CORNER
 QUARTER SECTION CORNER

GRAPHIC SCALE
 FEET
 0 40
 SCALE: 1" = 40'



ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

AREAS SHOWN ON PLAT ARE GROUND.

○ 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 BEARING SURVEYORS REGISTRATION NUMBER.

⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

□ RIGHT-OF-WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, DONALD RERICKA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, FLUIDCLARITY LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184.003912), HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 6, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, SECTIONS 25 AND 36, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTION 31, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS, 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 OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
 LICENSE EXPIRATION DATE: _____

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

Fluidclarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: _____ JOB NO.: R-91-026-13
 STA. _____ TO STA. _____
 SCALE: 1"=40' SHEET 25 OF 28 SHEETS

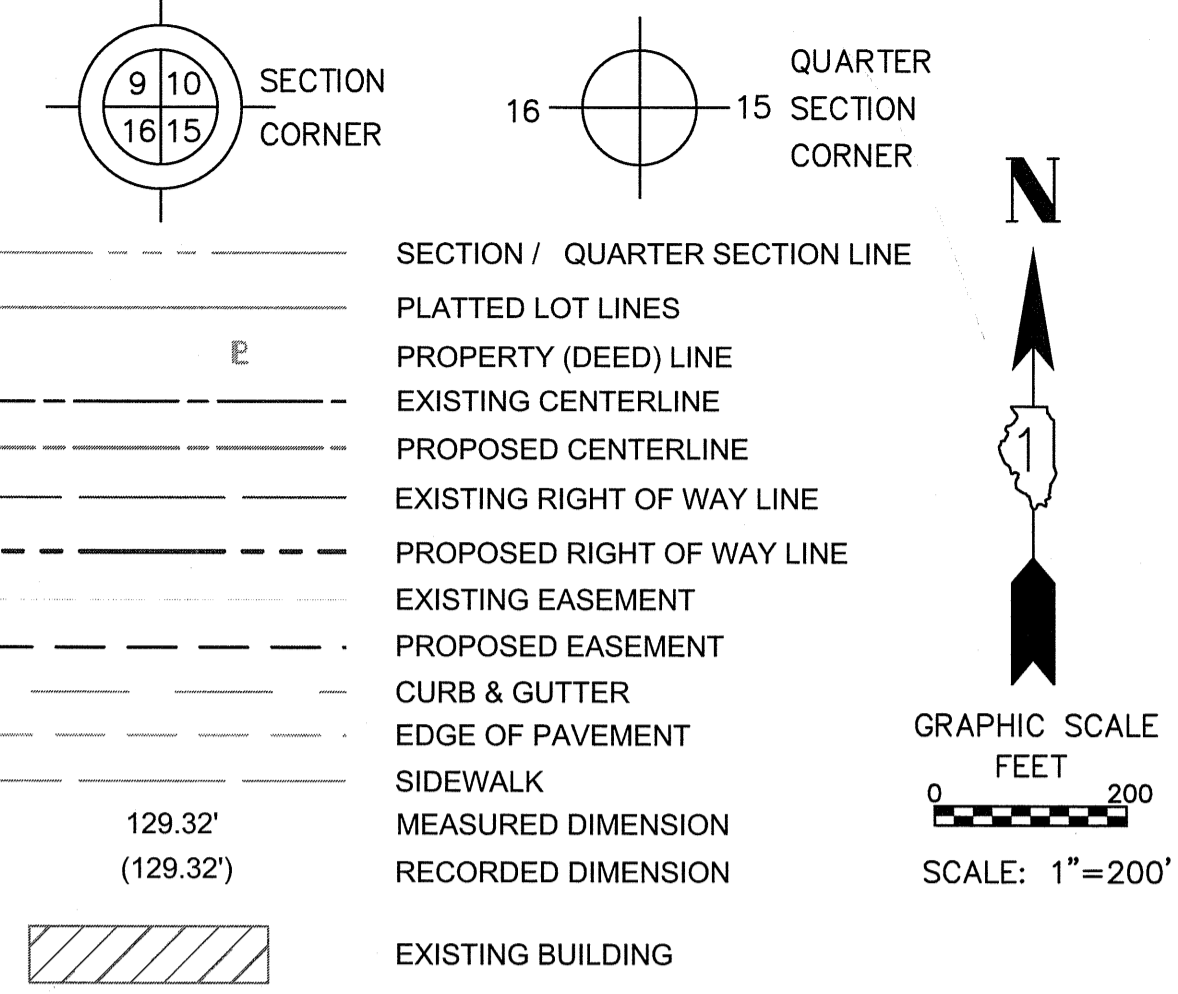
RECEIVED
 SEP 01 2015
 PLATS & LETTERS

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

REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE NORTHEAST AND SOUTHEAST QUARTERS OF SECTION 25, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND



ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

- AREAS SHOWN ON PLAT ARE GROUND.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5 / 8" REBAR SET
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 - PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - RIGHT-OF-WAY STAKING PROPOSED TO BE SET
- STATE OF ILLINOIS)
COUNTY OF COOK)

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DATED AT OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
LICENSE EXPIRATION DATE: _____

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

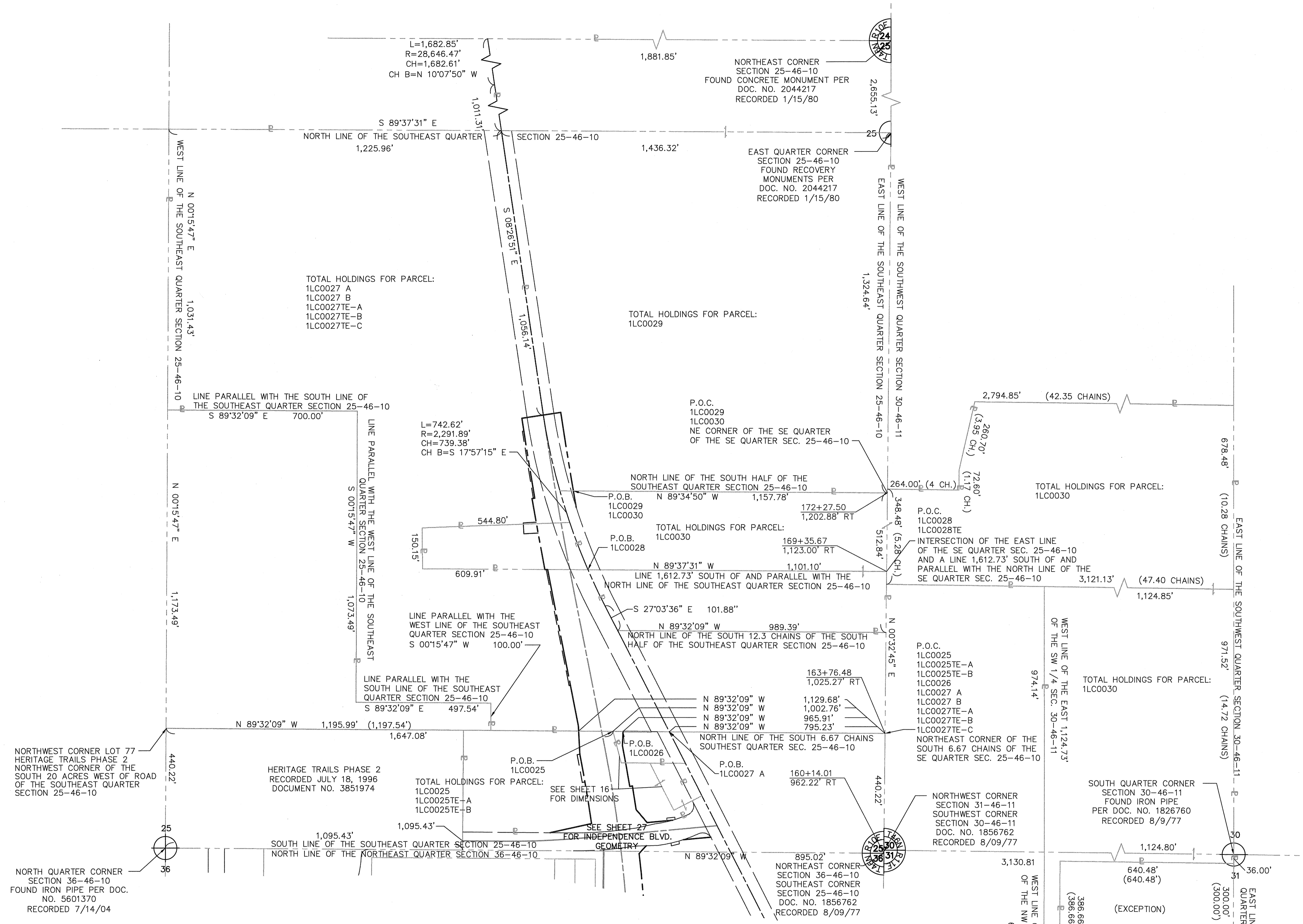
Fluidclarity 1144 W. LAKE ST., STE 303
OAK PARK, IL 60301

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
SECTION: _____ JOB NO.: R-91-026-13
STA. _____ TO STA. _____
SCALE: 1"=200' SHEET 26 OF 28 SHEETS

IDOT USE ONLY
RECEIVED
SEP 01 2015
PLATS & RECORDS

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



COORDINATE TABLE ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)			
STATION	OFFSET	NORTHING	EASTING
160+14.01	962.22' RT	2,099,355.569	1,073,247.982
163+76.48	1,025.27' RT	2,099,795.770	1,073,252.177
169+35.67	1,123.00' RT	2,100,392.070	1,073,257.859
172+27.50	1,202.88' RT	2,100,680.152	1,073,260.604

REVISION DATE: ___/___/___ REVISION MADE BY: _____

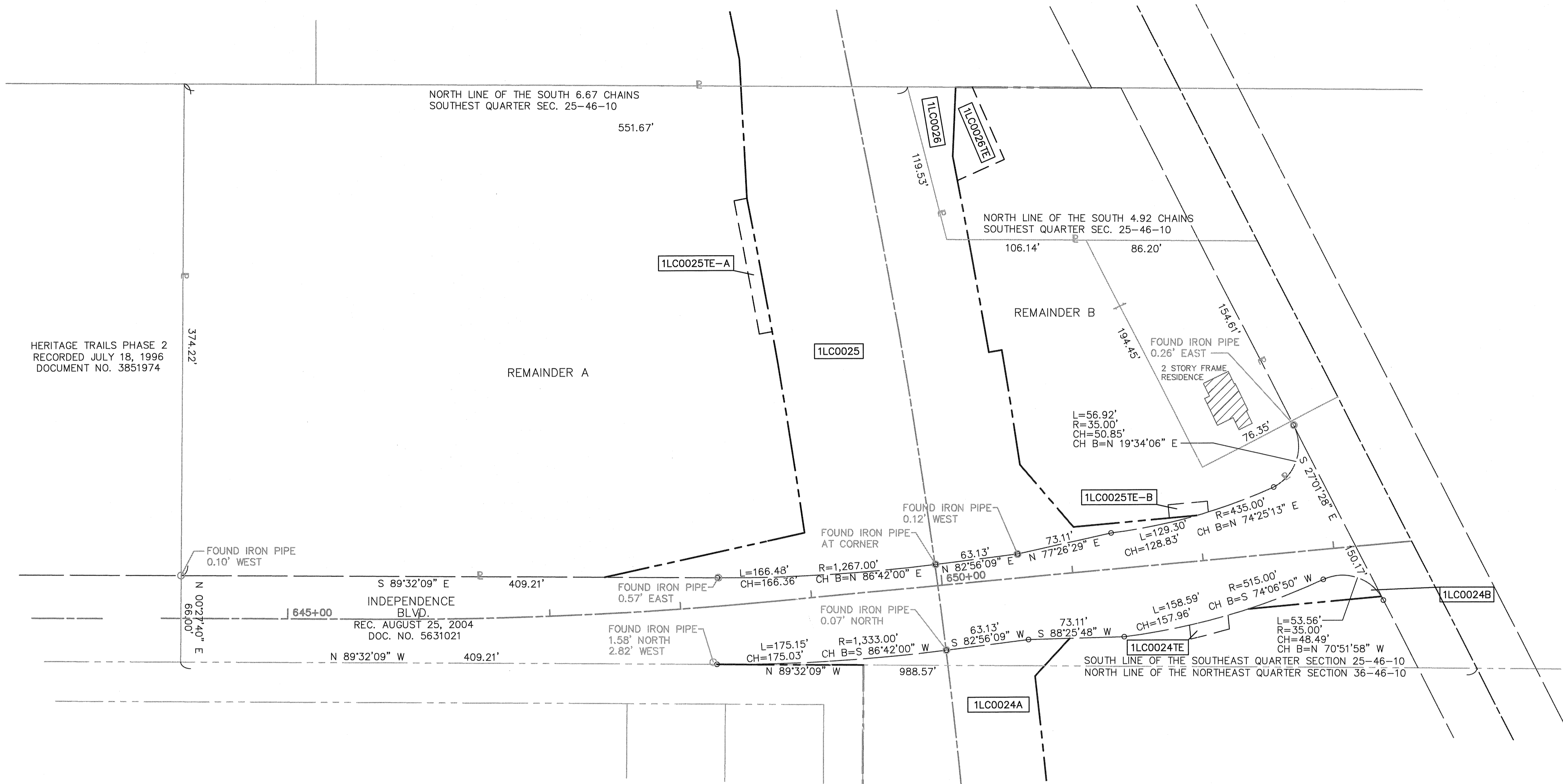
PART OF THE SOUTHEAST QUARTER OF SECTION 25, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 CURB & GUTTER
 EDGE OF PAVEMENT
 SIDEWALK
 MEASURED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

SECTION CORNER
 QUARTER SECTION CORNER

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



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BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST GRID, 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 0.9998952584.

AREAS SHOWN ON PLAT ARE GROUND.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
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STATE OF ILLINOIS)
)SS
 COUNTY OF COOK)

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DATED AT OAK PARK, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465
 LICENSE EXPIRATION DATE: _____

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Fluidclarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: _____ JOB NO.: R-91-026-13
 STA. _____ TO STA. _____
 SCALE: 1"=50' SHEET 27 OF 28 SHEETS

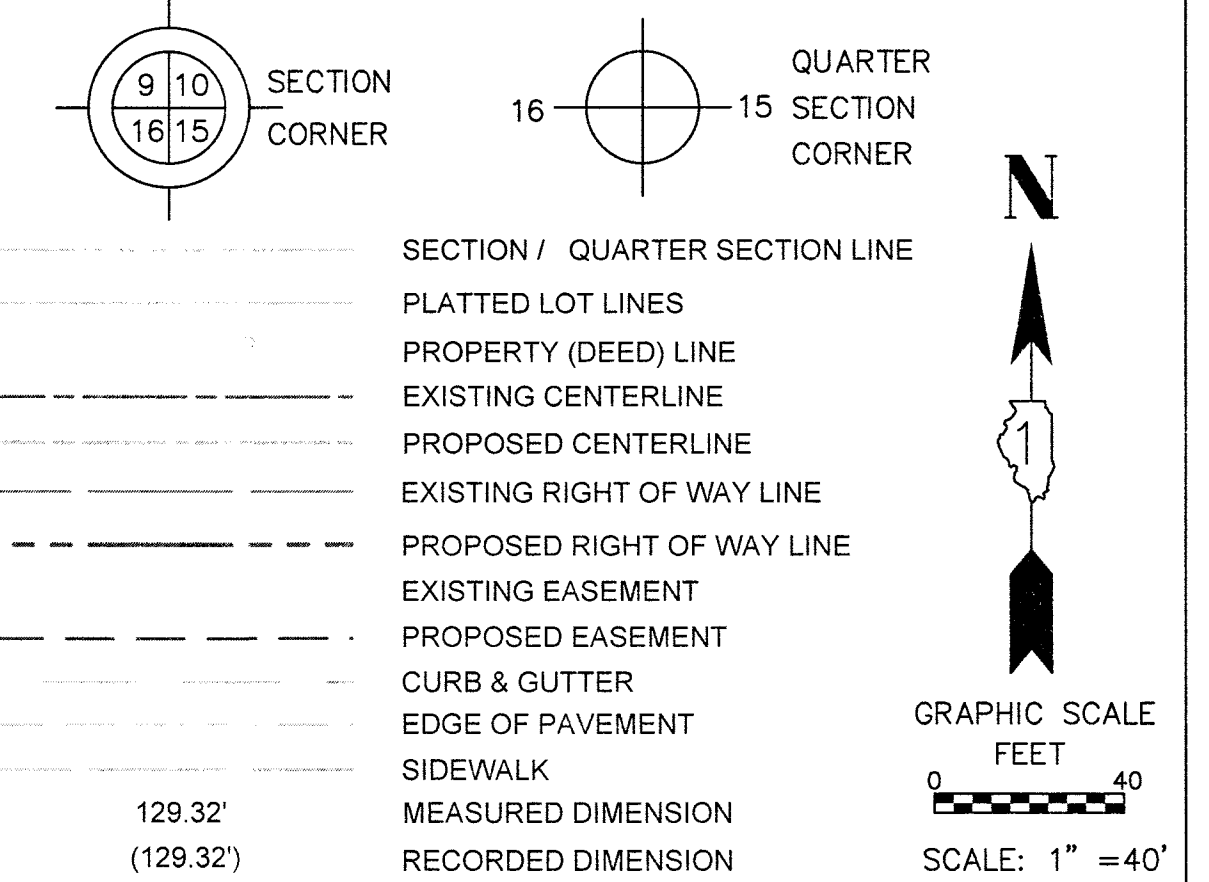
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

DOT USE ONLY
 RECEIVED
 SEP 01 2015
 PLATS & RECORDS

REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE NORTHEAST QUARTER OF SECTION 36, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND



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Fluidclarity 1144 W. LAKE ST., STE 303
 OAK PARK, IL 60301

PLAT OF HIGHWAYS

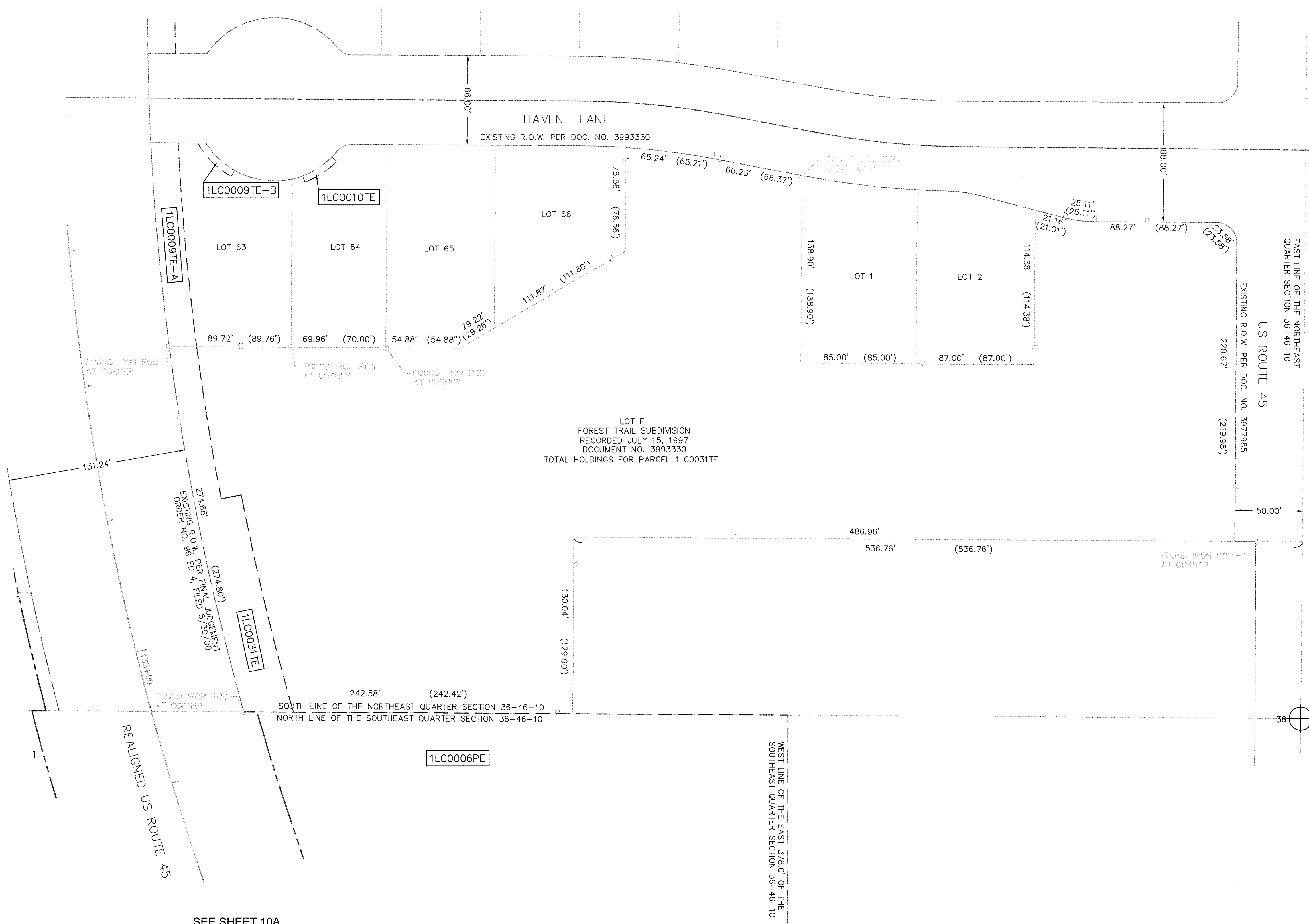
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 45

LIMITS: AT MILLBURN BYPASS COUNTY: LAKE
 SECTION: SECTION: JOB NO.: R-91-026-13
 STA. TO STA.
 SCALE: 1"=40' SHEET 28A OF 28 SHEETS

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

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RECEIVED
 OCT 13 2016
 PLATS & LEGALS

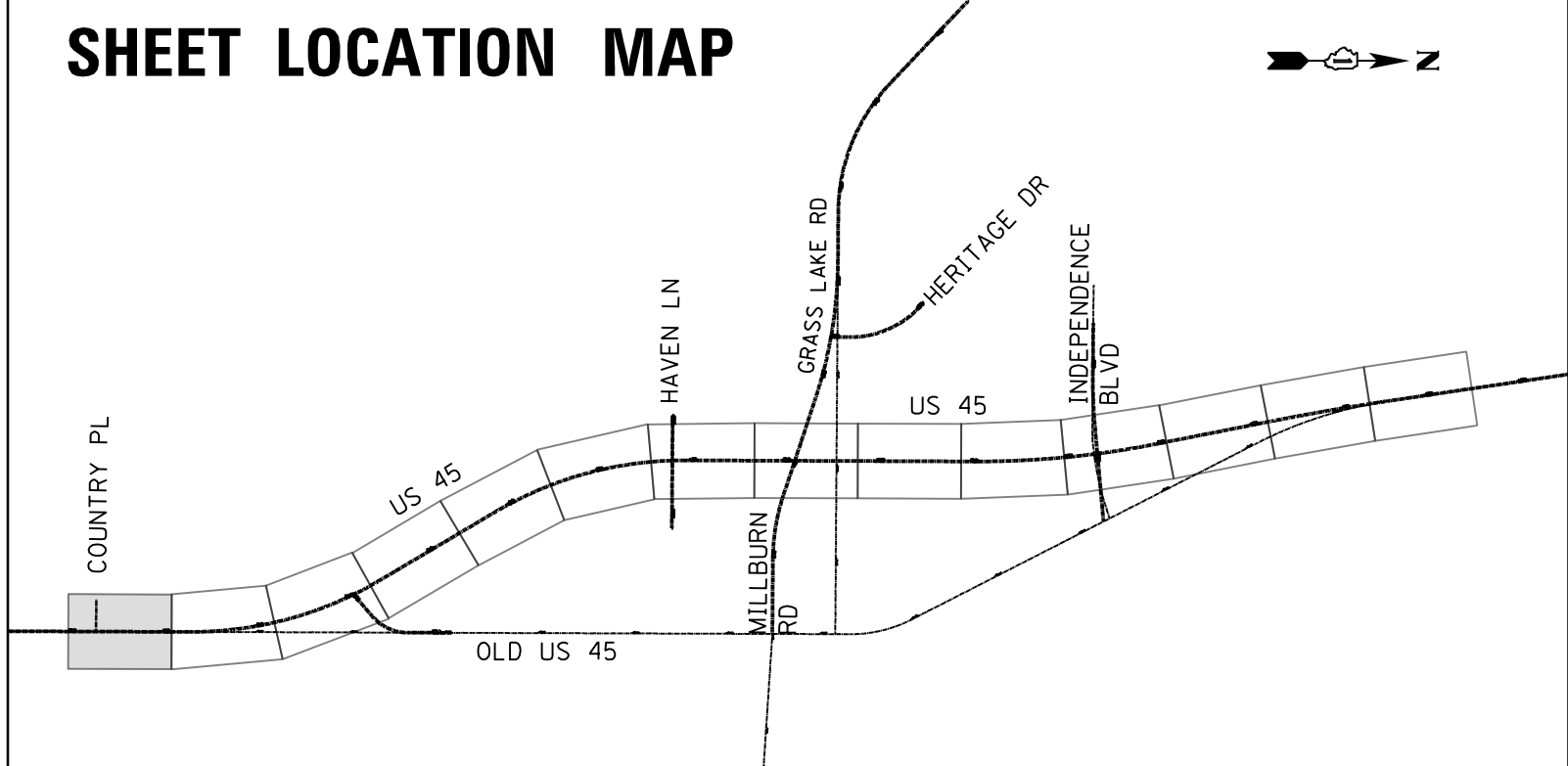
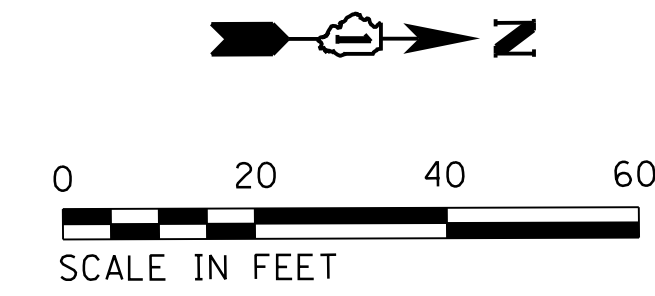
REVISION DATE: ___/___/___ REVISION MADE BY: _____



SEE SHEET 10A

JOINTING LEGEND

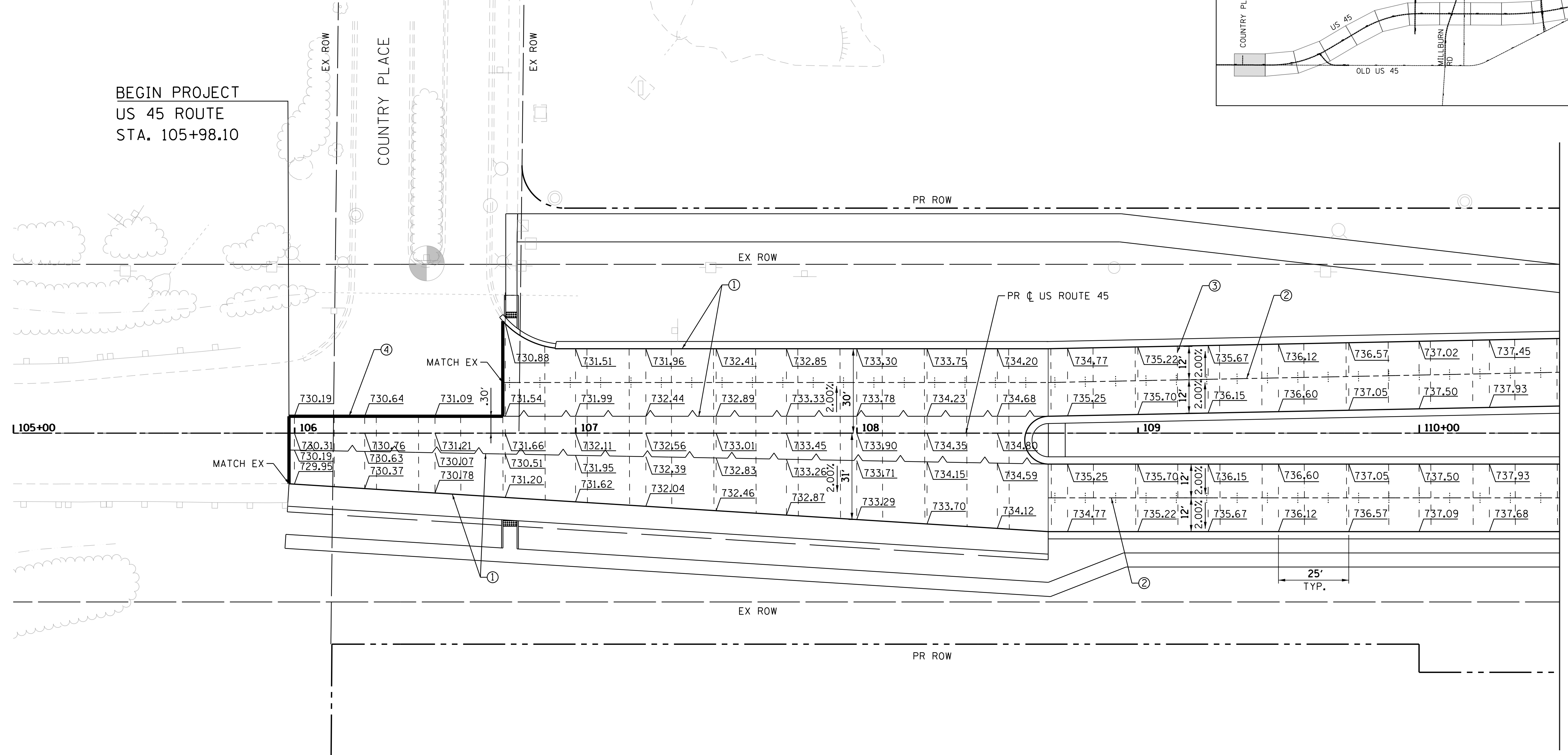
- XXX.XX PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT



PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

FILE NAME = p:\t\l\ed2\p\p\person\com\illinois\State\Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\1160175.shx-joint.dwg



JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT ON THE PLAN, BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS REQUIRED.
3. REFERENCE IDOT STANDARD DETAILS 420001, 420101, 420106, 420111, AND 606001.
4. FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN FZ	REVISED
PLOT SCALE = 20.00' / 1"	CHECKED MO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

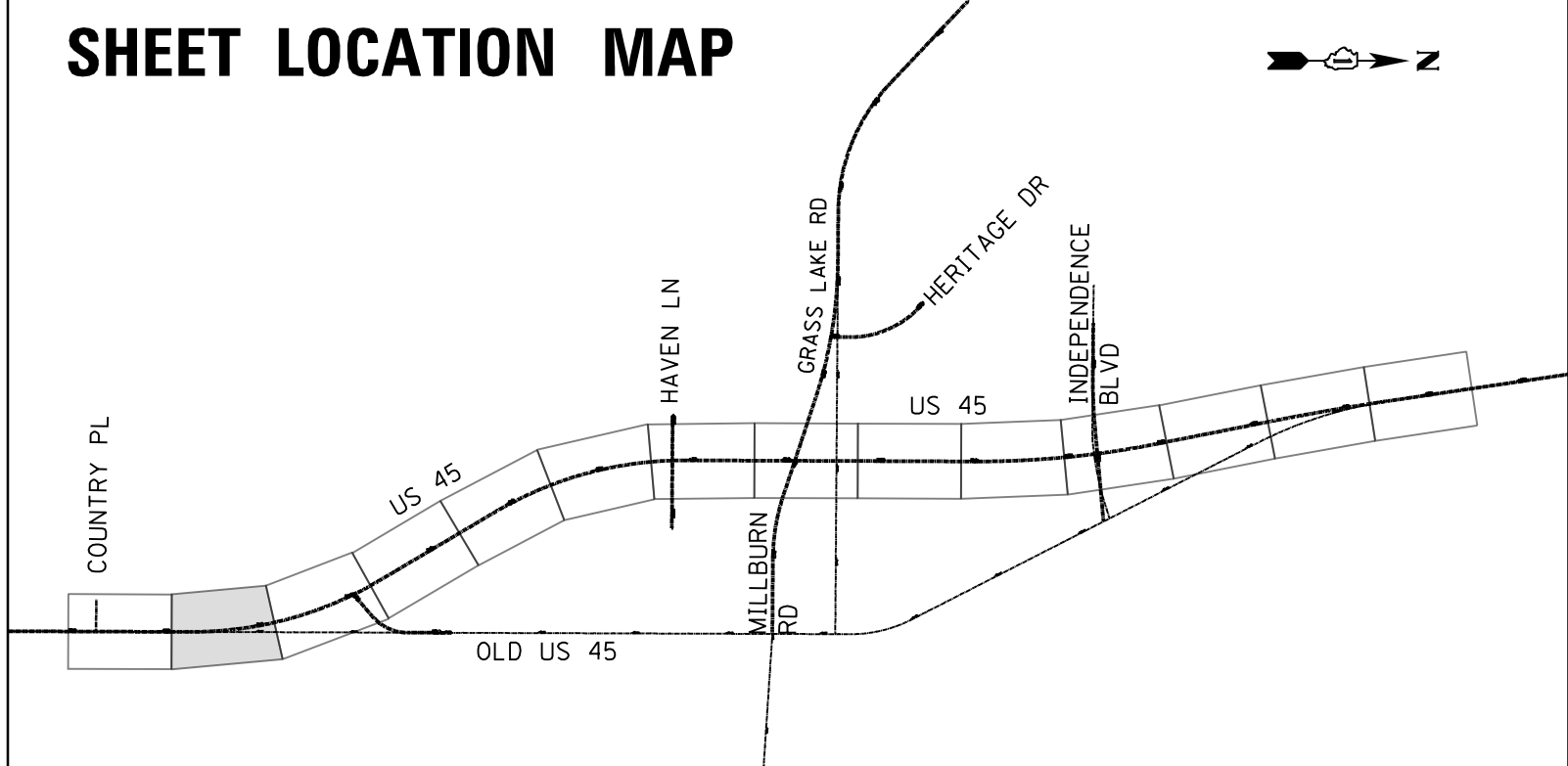
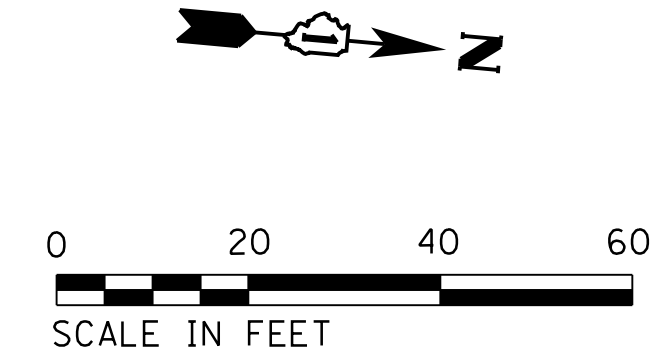
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOINTING AND ELEVATION PLAN US ROUTE 45	
SCALE: 1"=20'	SHEET 1 OF 14 SHEETS
STA. 100+00	TO STA. 113+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	242
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

JOINTING LEGEND

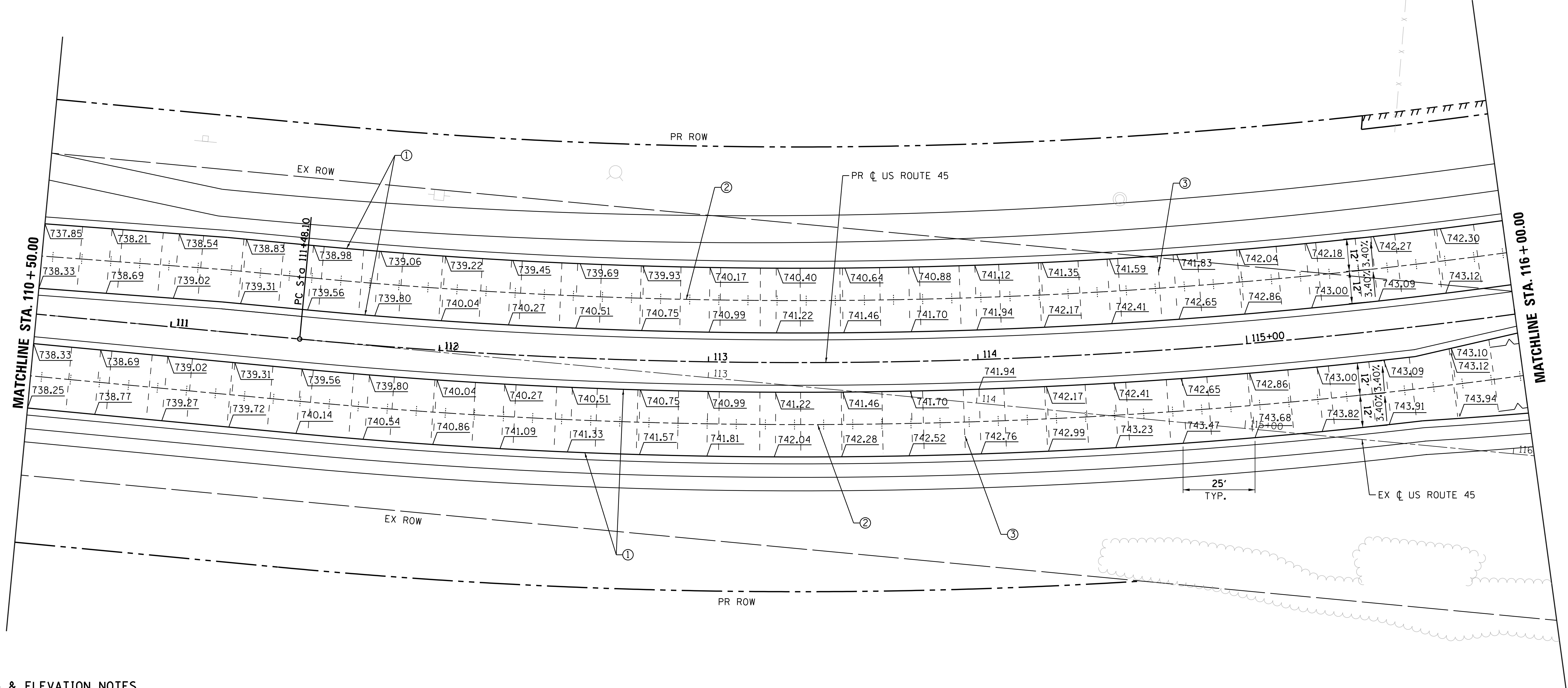
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PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	FILE NAME	
	NO.	

FILE NAME = p:\t\l\ed2\p\p\person\cm\illinois State\Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\1160775.sht; joint_02.dgn



JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
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USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN FZ	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED MO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

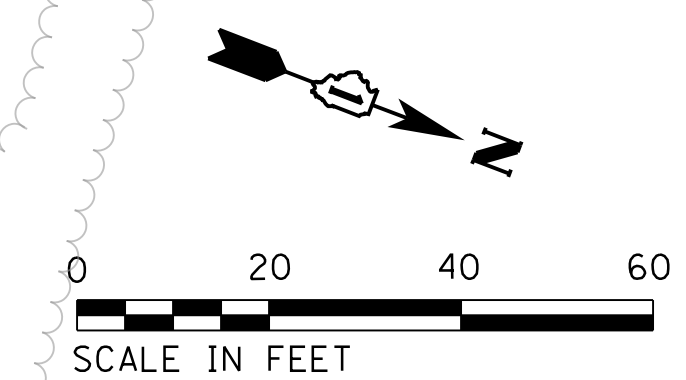
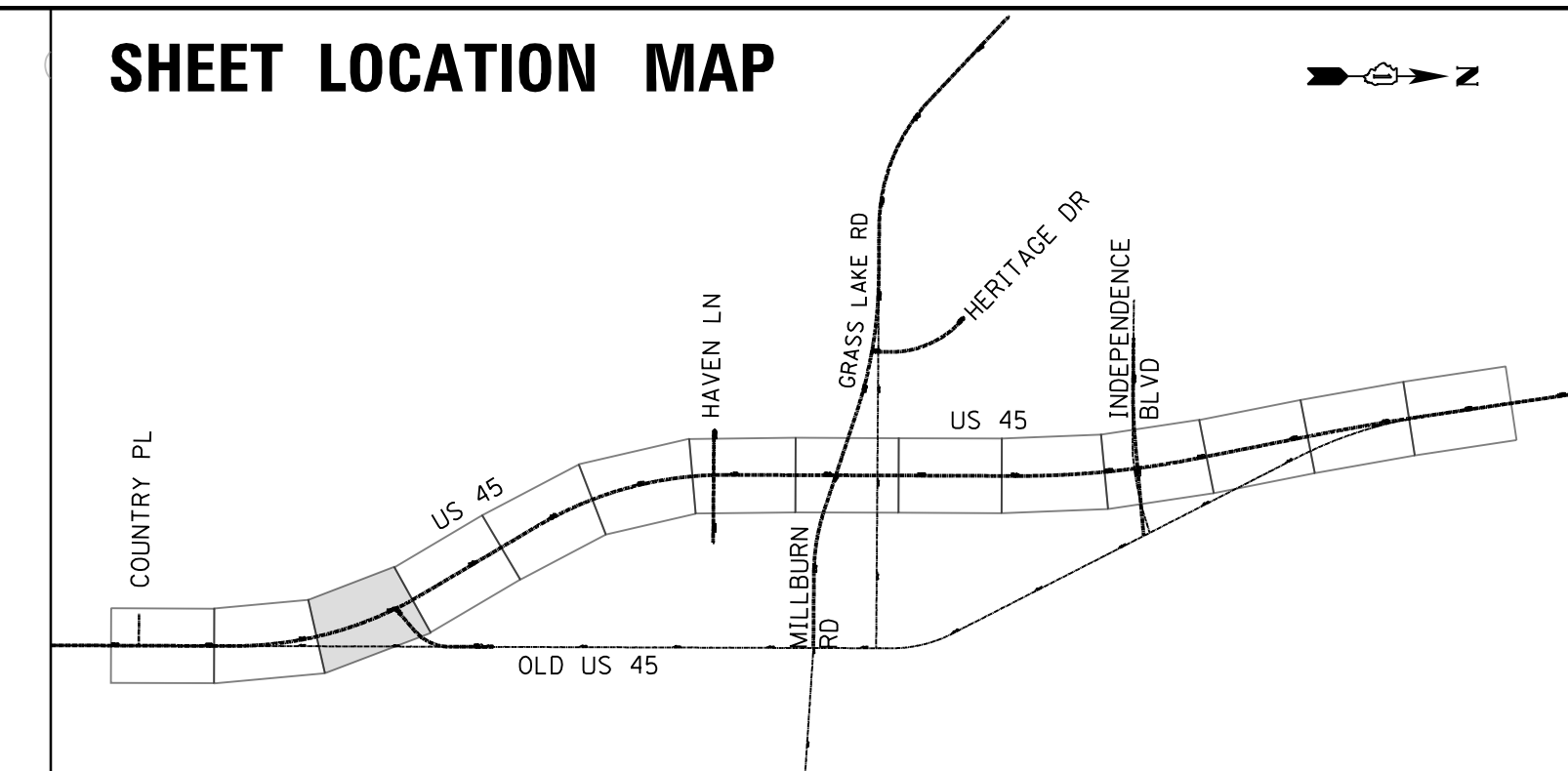
SCALE: 1"=20'		SHEET 2 OF 14 SHEETS		STA. 113+00	TO STA. 125+00
		JOINTING AND ELEVATION PLAN US ROUTE 45			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	243
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

JOINTING & ELEVATION NOTES

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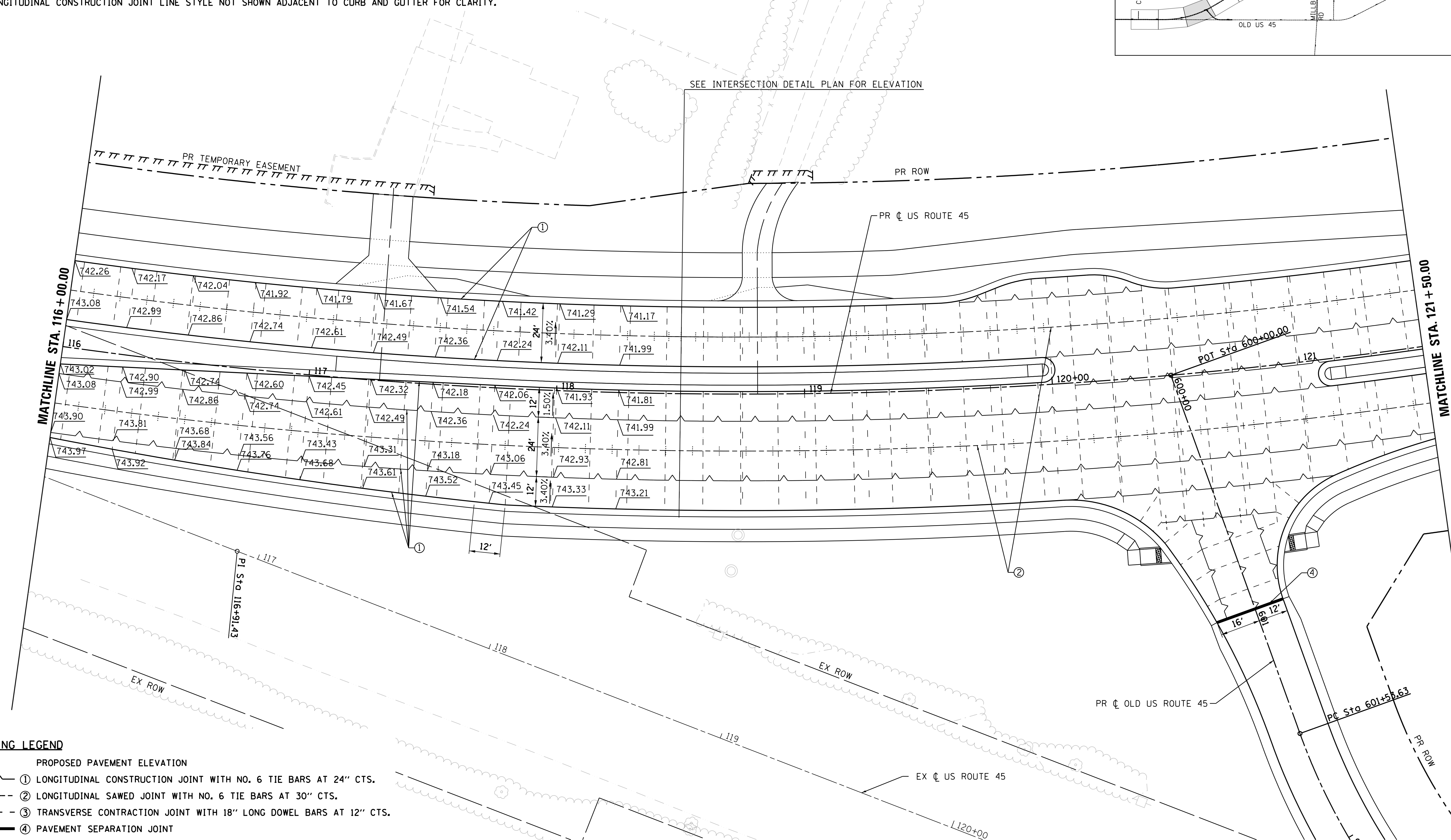
SHEET LOCATION MAP



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
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	FILE NAME	
	NO.	

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JOINTING LEGEND

- xxx.xx PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT

USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN FZ	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED MO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

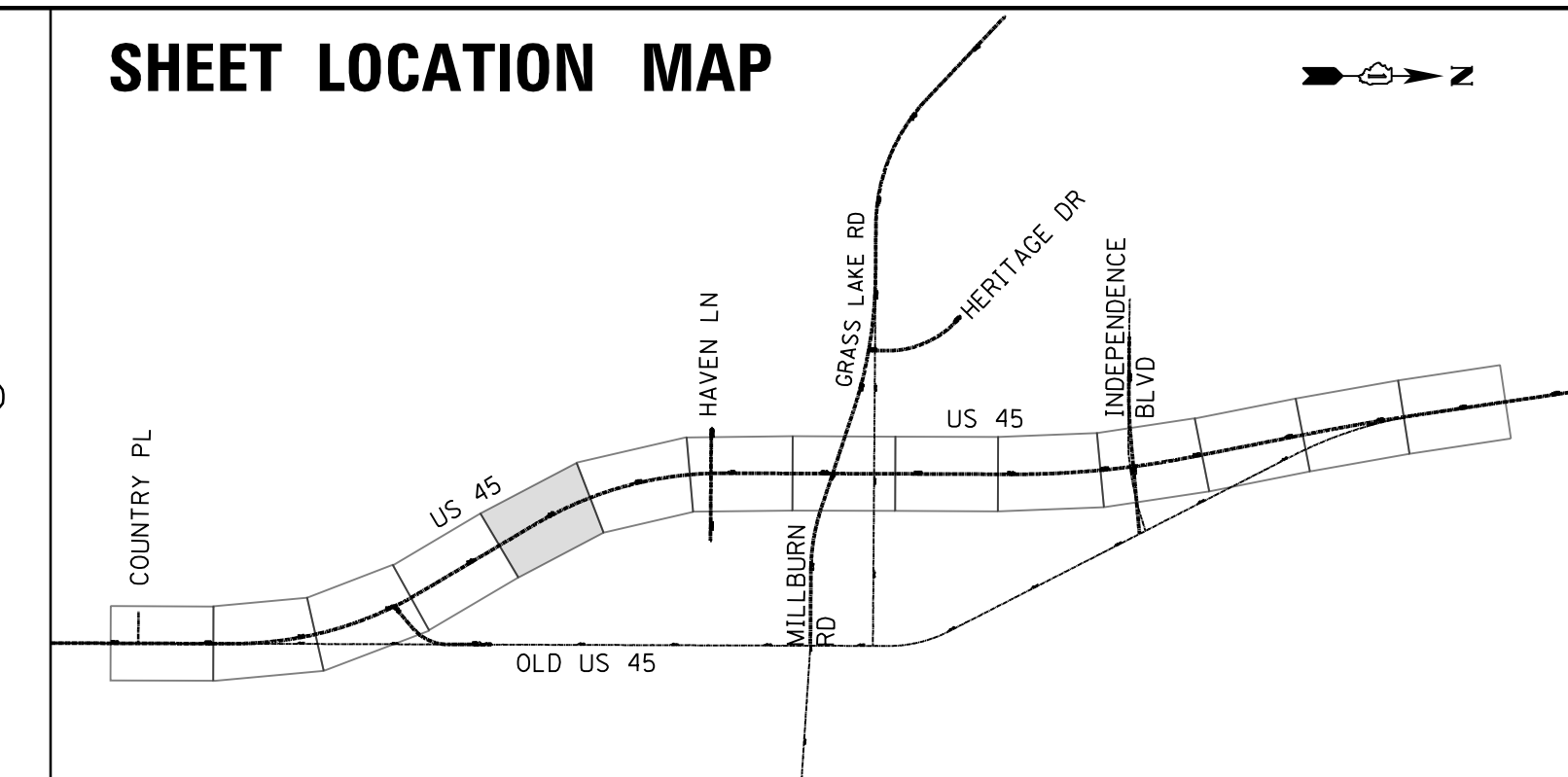
**JOINTING AND ELEVATION PLAN
US ROUTE 45**
SCALE: 1"=20' SHEET 3 OF 14 SHEETS STA. 125+00 TO STA. 137+00

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 244
CONTRACT NO. 60775			ILLINOIS FED. AID PROJECT	

JOINTING LEGEND

- XXX.XX PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT

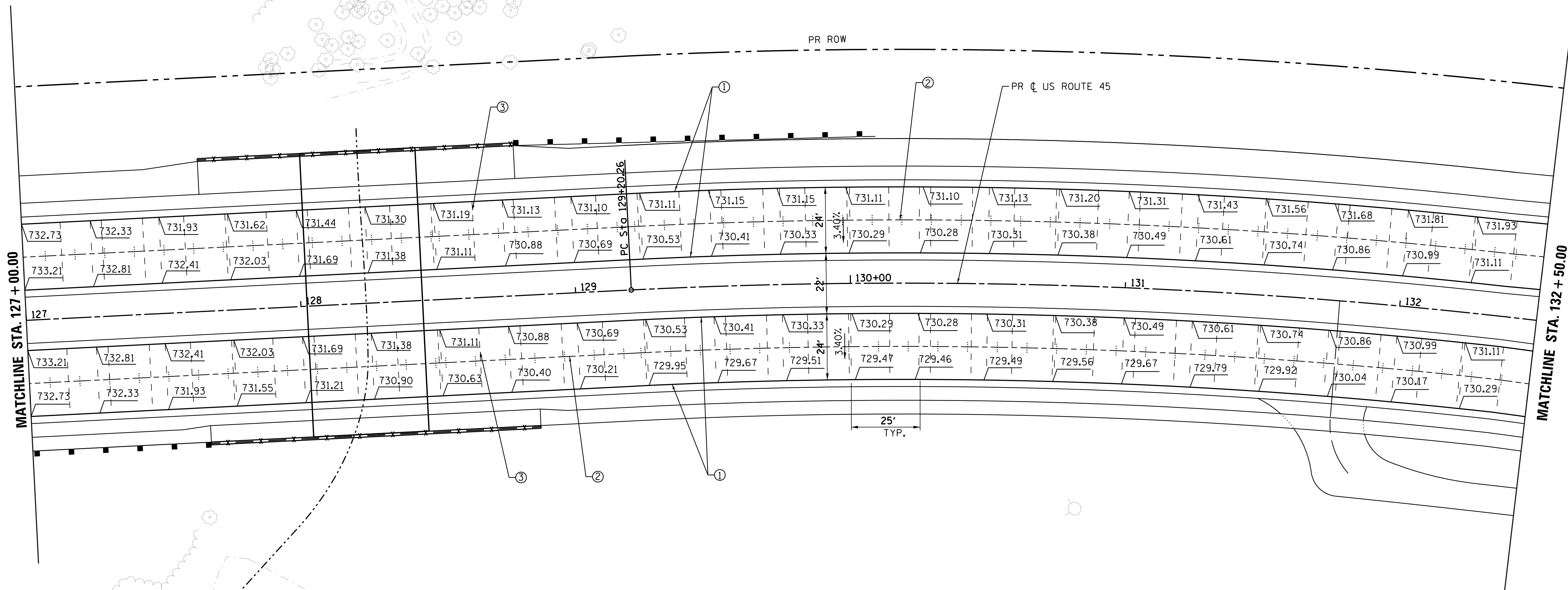
SHEET LOCATION MAP



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	DATE	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	DATE	
	FILE NAME	

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JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT ON THE PLAN, BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS REQUIRED.
3. REFERENCE IDOT STANDARD DETAILS 420001, 420101, 420106, 420111, AND 606001.
4. FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN FZ	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED MO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING AND ELEVATION PLAN
US ROUTE 45**

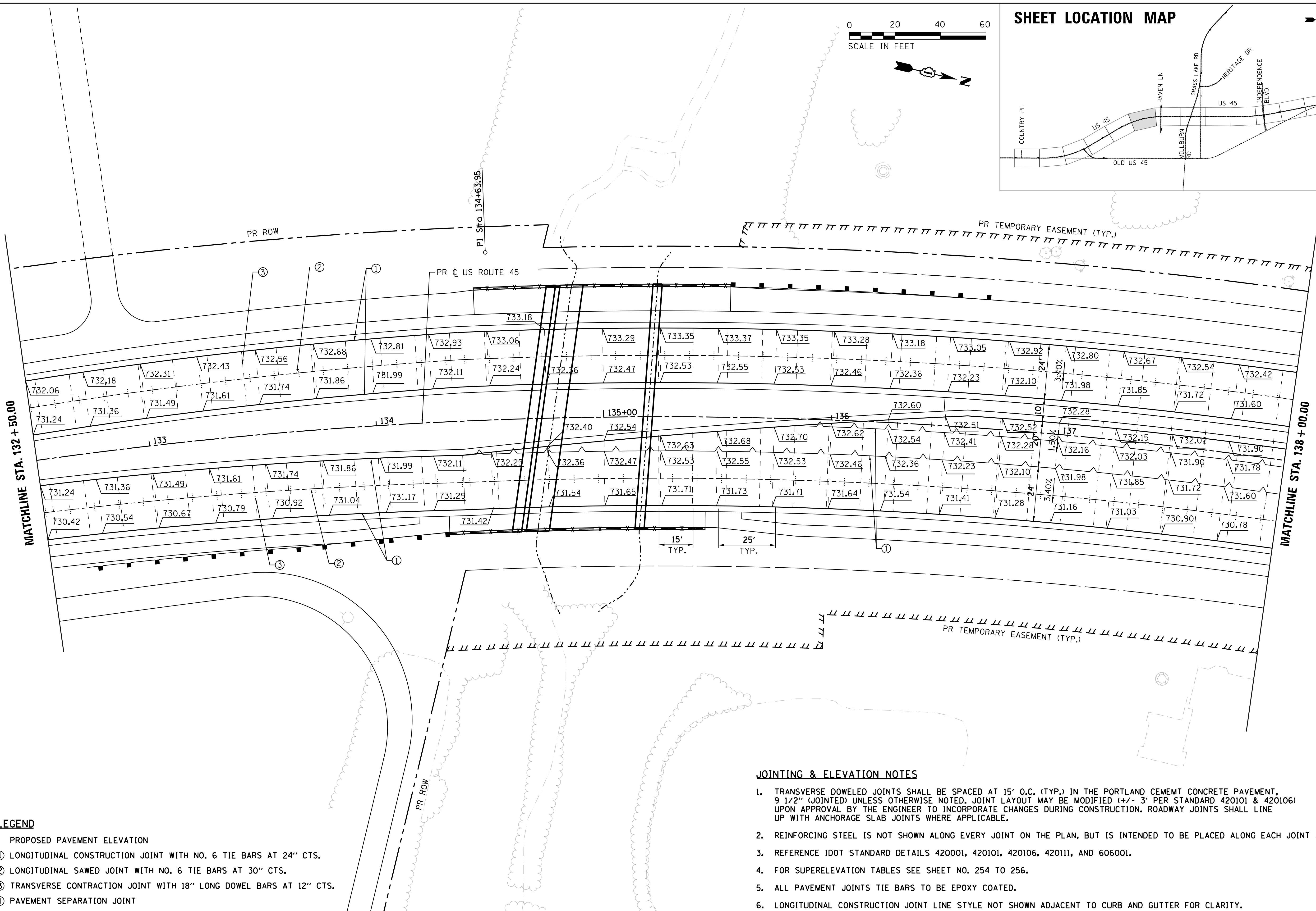
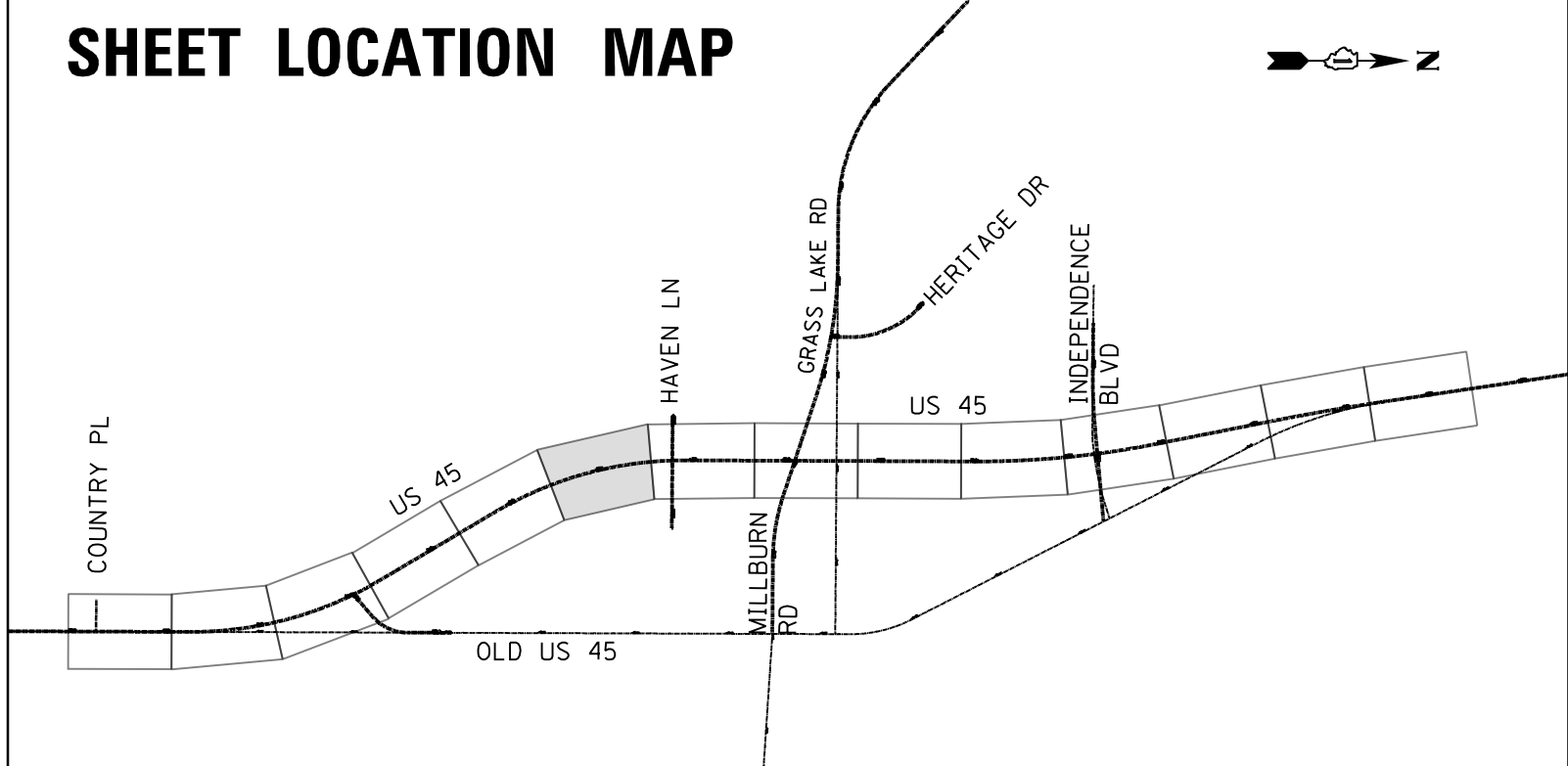
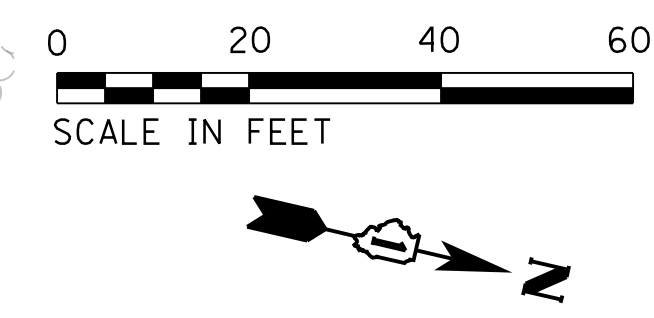
SCALE: 1"=20' SHEET 5 OF 14 SHEETS STA. 150+00 TO STA. 158+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	246
CONTRACT NO.			60775	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	PAID FILE NAME		
NO.			

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
NO.			

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JOINTING LEGEND

- xxx.xx PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT

JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT ON THE PLAN, BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS REQUIRED.
3. REFERENCE IDOT STANDARD DETAILS 420001, 420101, 420106, 420111, AND 606001.
4. FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN FZ	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED MO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING AND ELEVATION PLAN
US ROUTE 45**
SCALE: 1"=20' SHEET 6 OF 14 SHEETS STA. 158+00 TO STA. 171+00

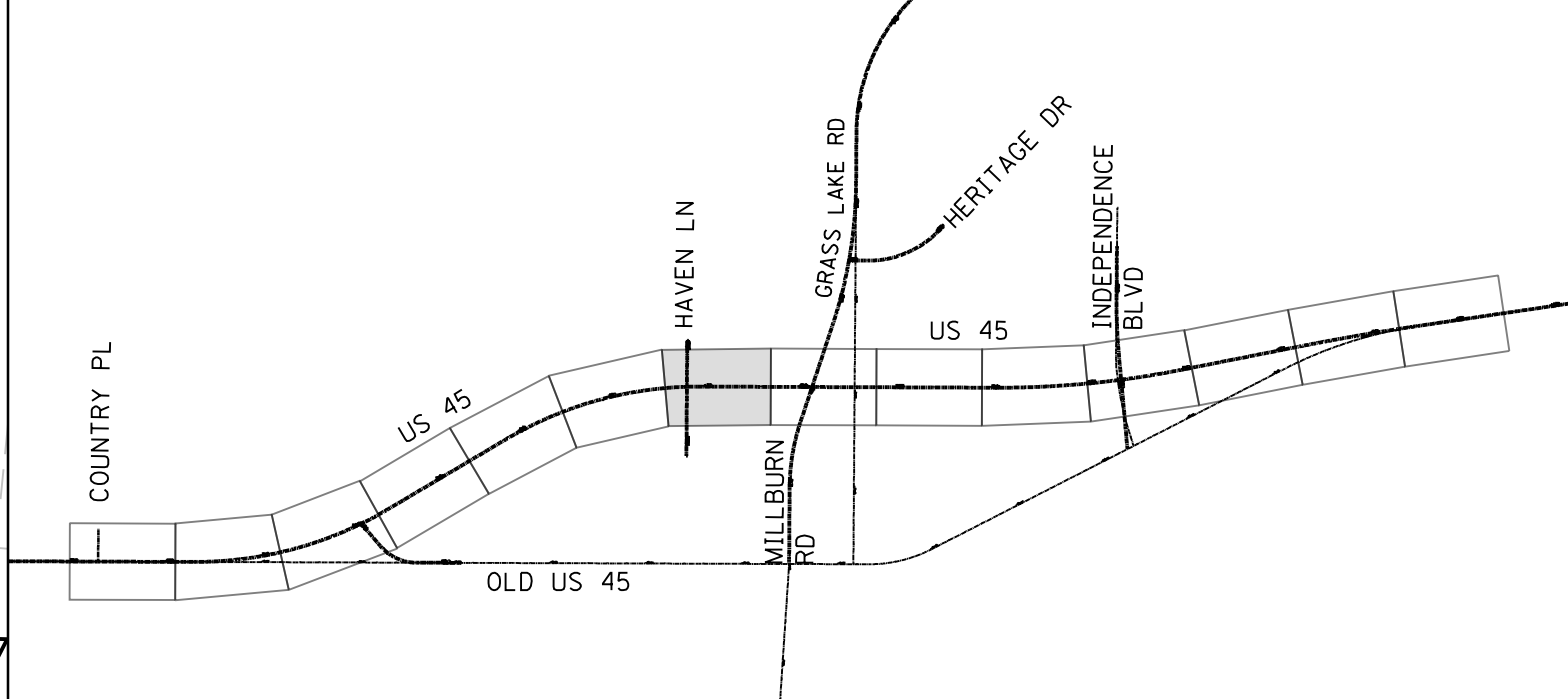
F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 247
CONTRACT NO. 60775			ILLINOIS FED. AID PROJECT	

JOINTING LEGEND

- XXX.XX PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT



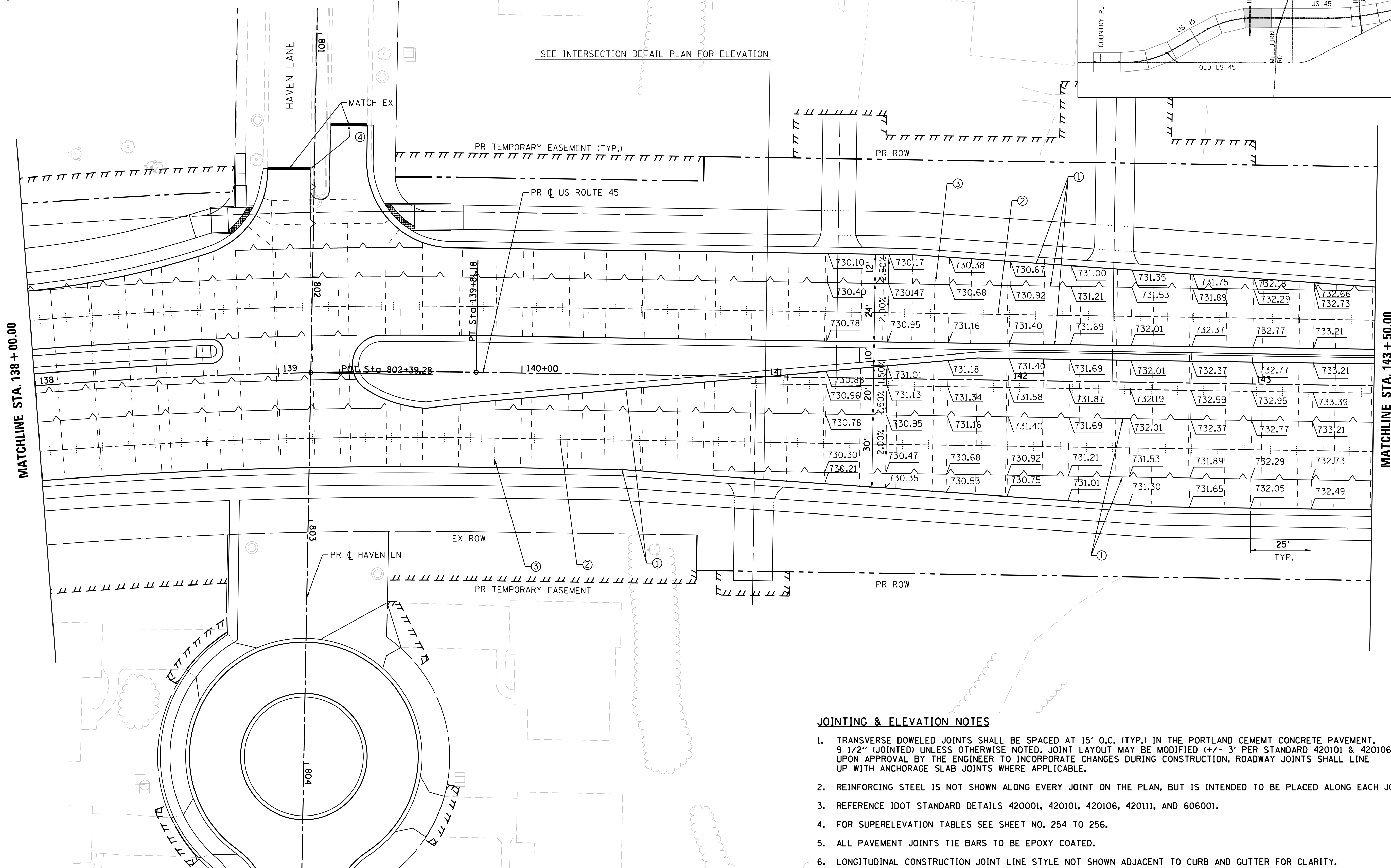
SHEET LOCATION MAP



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	AT	
	ALIGNMENT	
	CONSTRUCTION	
	PAV. FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	AT	
	GRADES	
	STRUCTURE	
	NOT AT THIS OFFICE	

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JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT ON THE PLAN, BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS REQUIRED.
3. REFERENCE IDOT STANDARD DETAILS 420001, 420101, 420106, 420111, AND 606001.
4. FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED
	DRAWN FZ	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED MO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

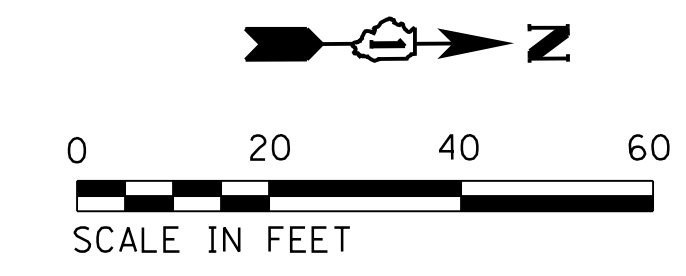
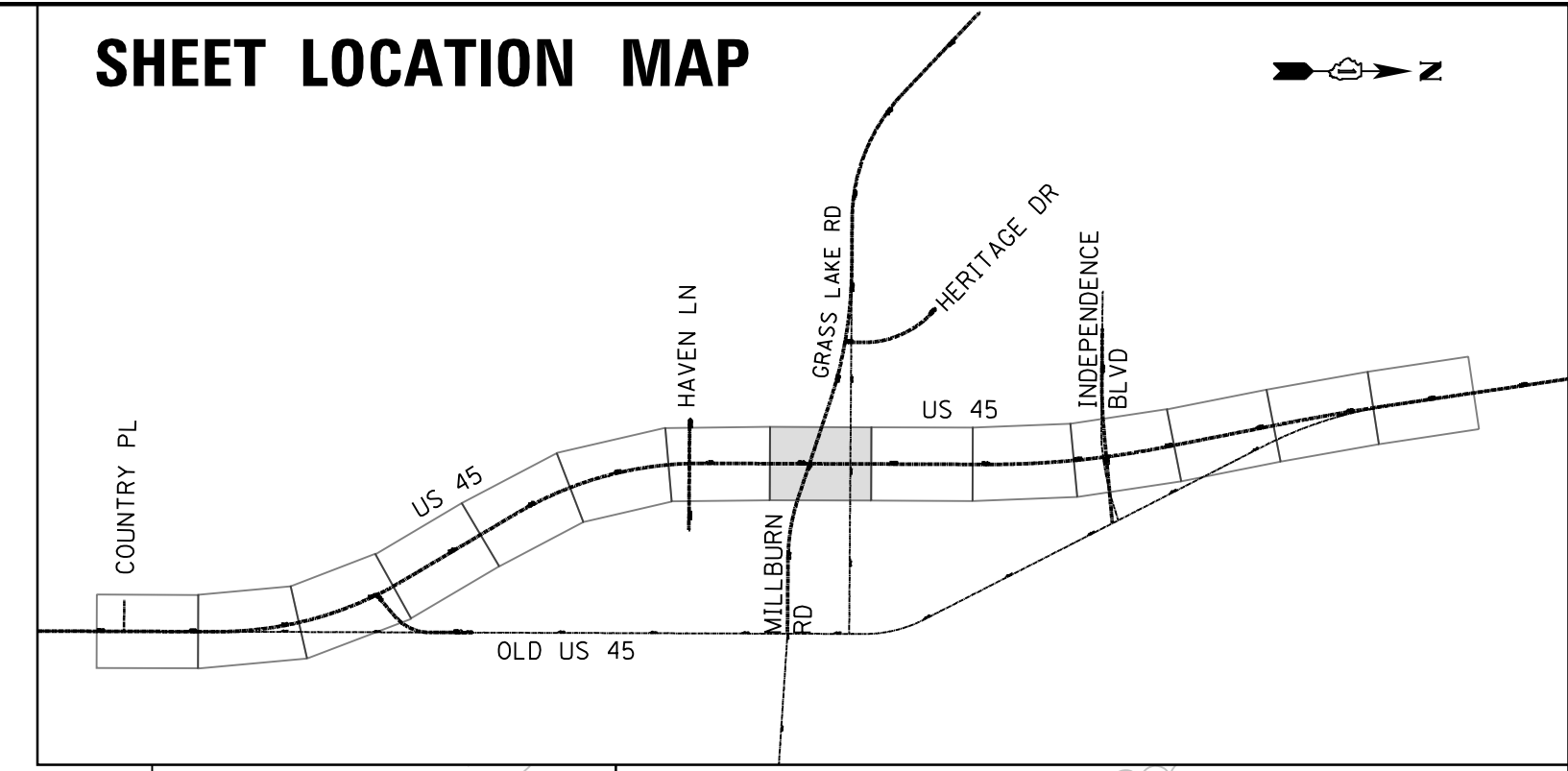
**JOINTING AND ELEVATION PLAN
US ROUTE 45**
SCALE: 1"=20' SHEET 7 OF 14 SHEETS STA. 171+00 TO STA. 178+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	248
CONTRACT NO. 60775			ILLINOIS FED. AID PROJECT	

JOINTING LEGEND

- XXX.XX PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT

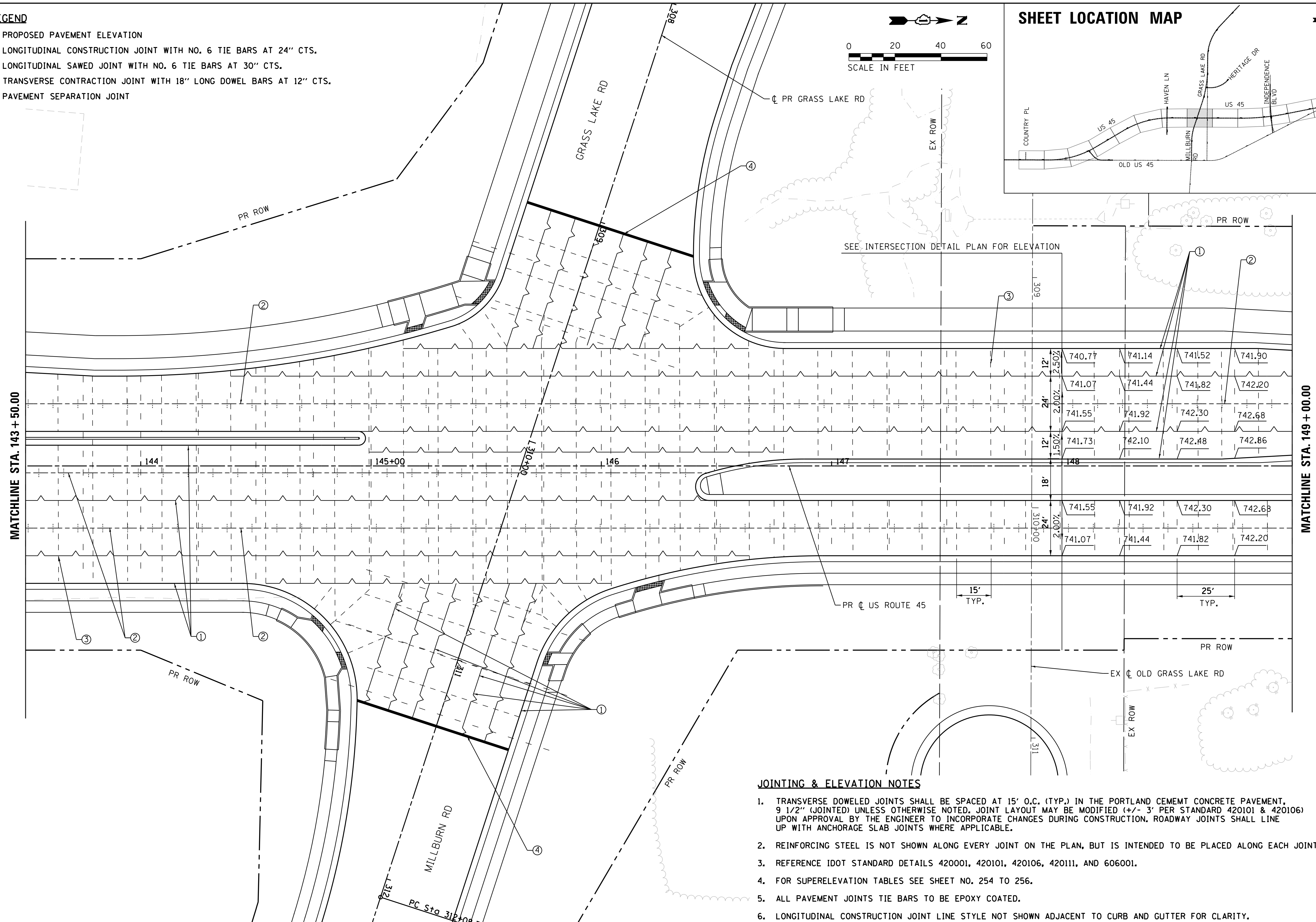
SHEET LOCATION MAP



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ATTEMPTED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	
	NO.	

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JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT ON THE PLAN, BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS REQUIRED.
3. REFERENCE IDOT STANDARD DETAILS 420001, 420101, 420106, 420111, AND 606001.
4. FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN FZ	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED MO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

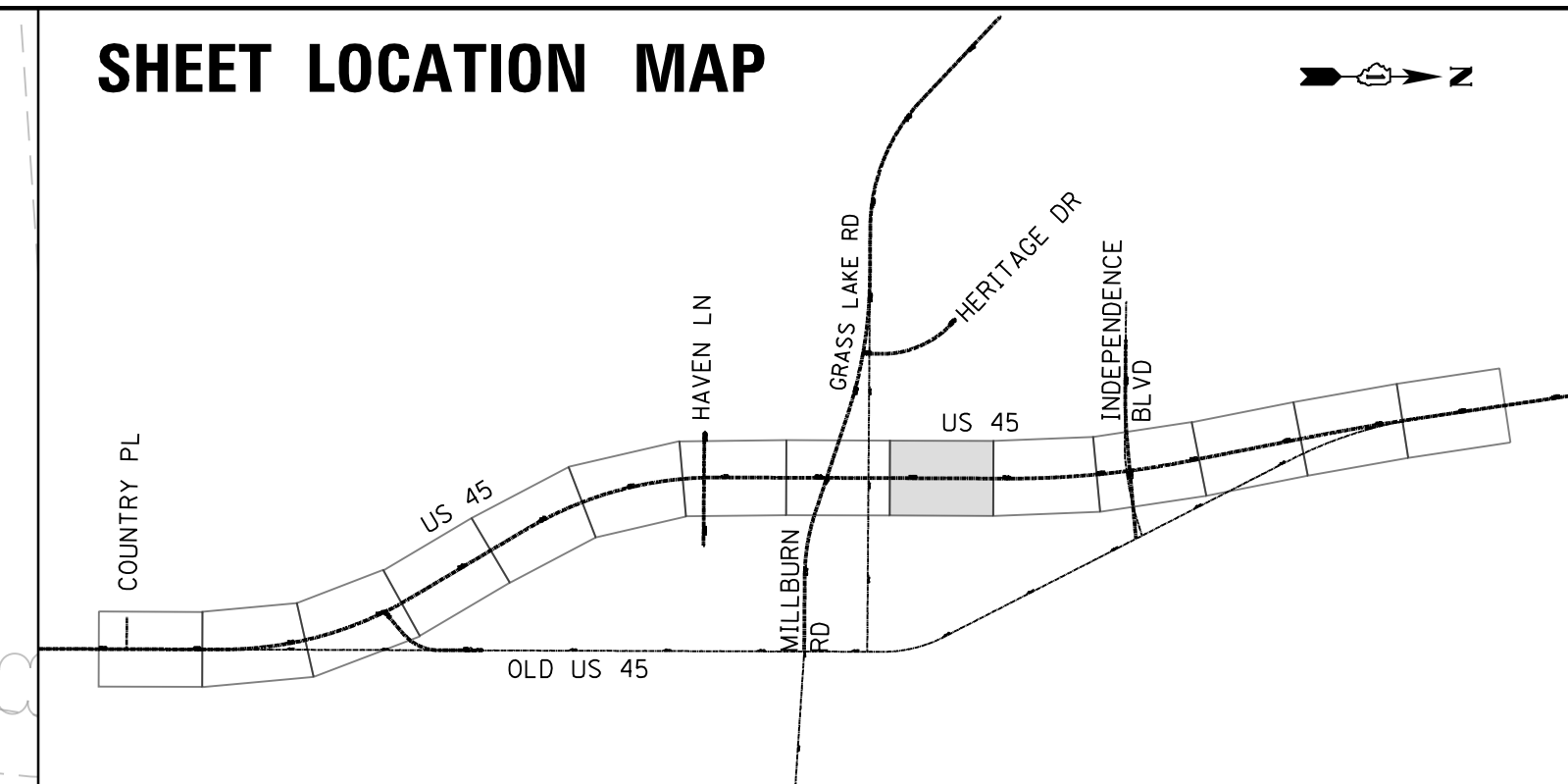
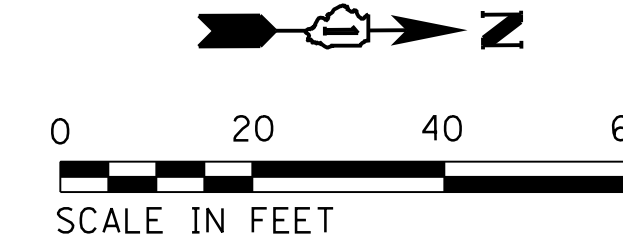
**JOINTING AND ELEVATION PLAN
US ROUTE 45**
SCALE: 1"=20' SHEET 8 OF 14 SHEETS STA. 287+50 TO STA. 294+00

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 249
CONTRACT NO. 60775			ILLINOIS FED. AID PROJECT	

JOINTING LEGEND

- XXX.XX PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT

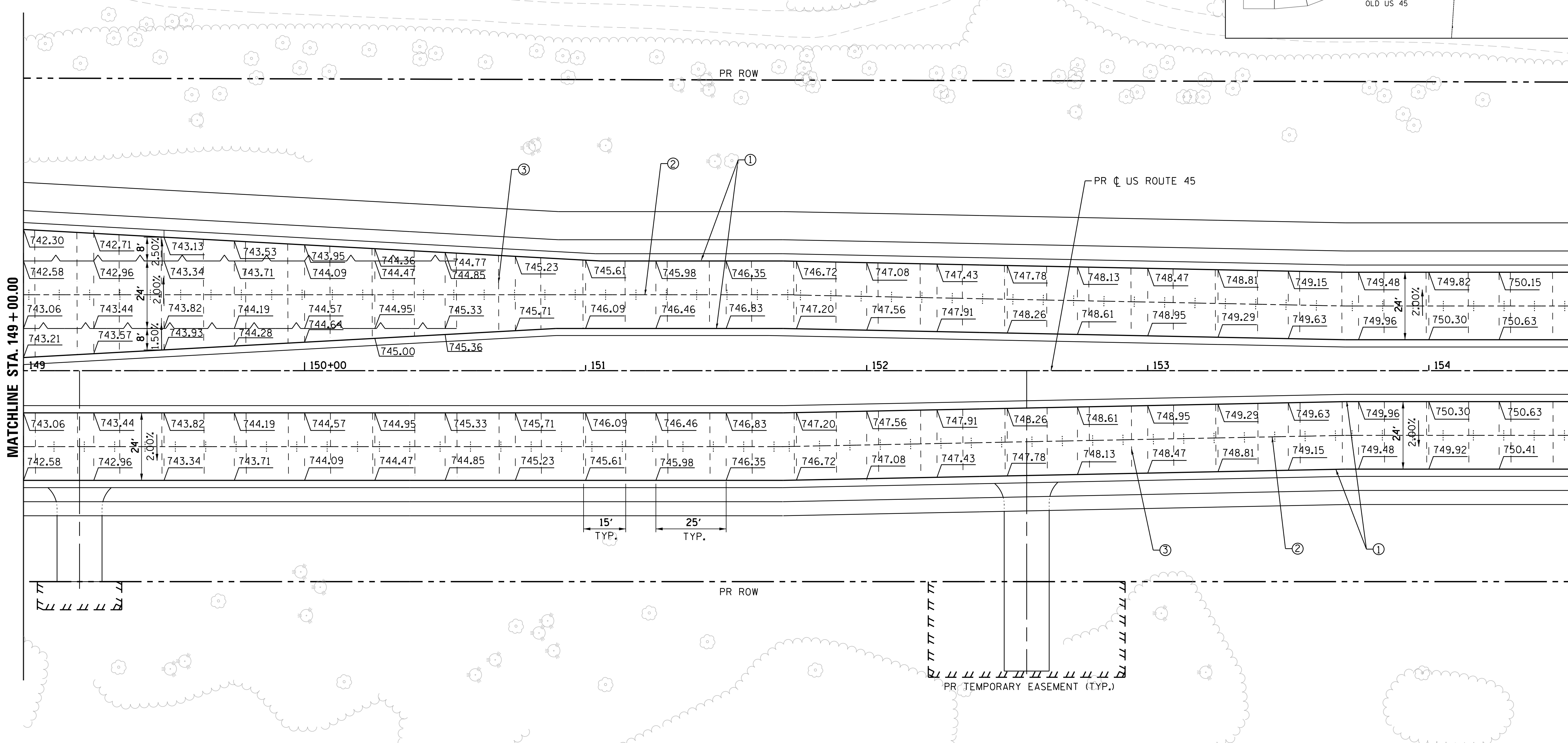
SHEET LOCATION MAP



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	

FILE NAME = p:\t\l\ed2\p\p\person\com\illinois\State\Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\160775.sht.joint.dgn



JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT ON THE PLAN, BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS REQUIRED.
3. REFERENCE IDOT STANDARD DETAILS 420001, 420101, 420106, 420111, AND 606001.
4. FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN FZ	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED MO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

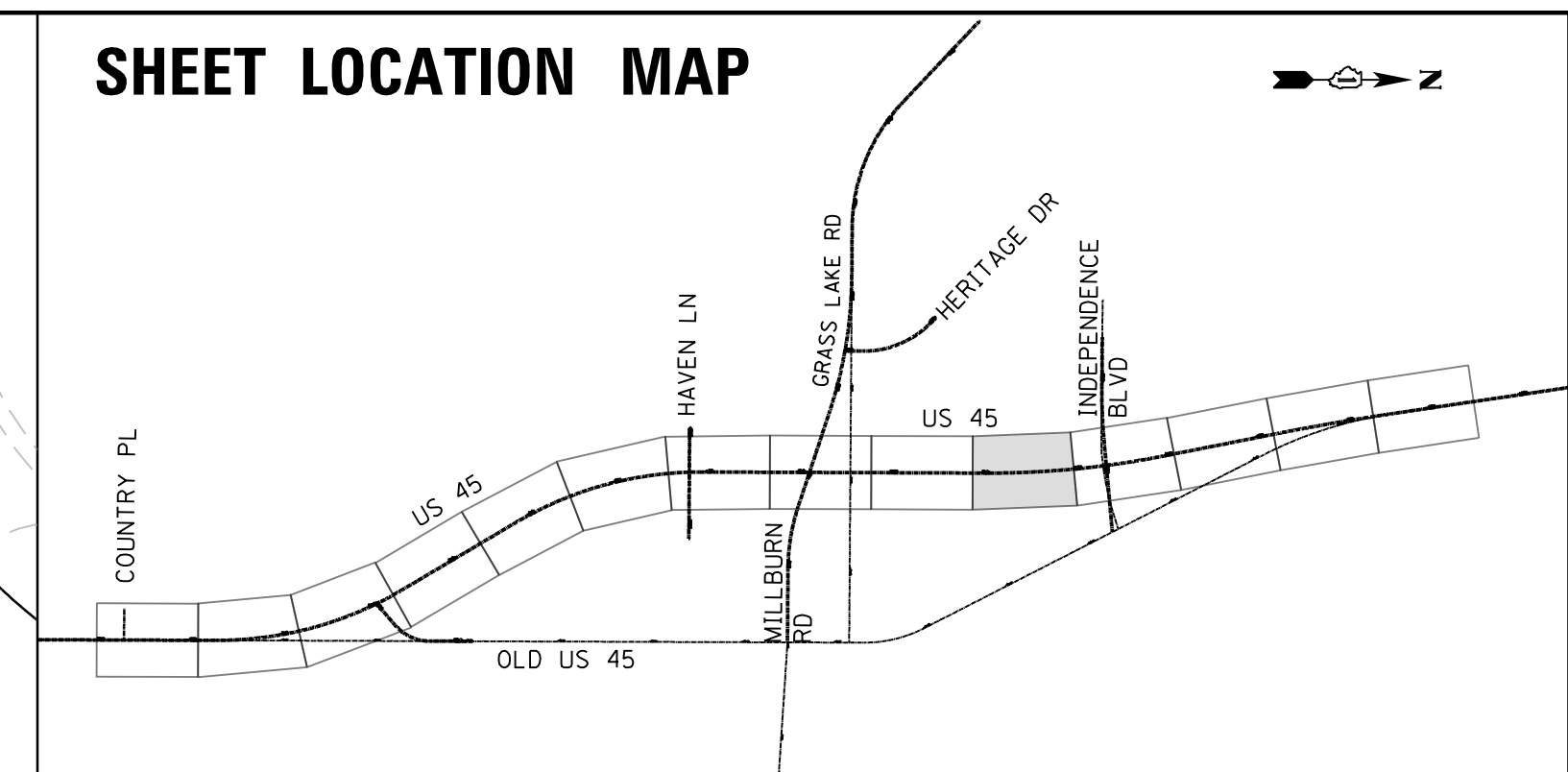
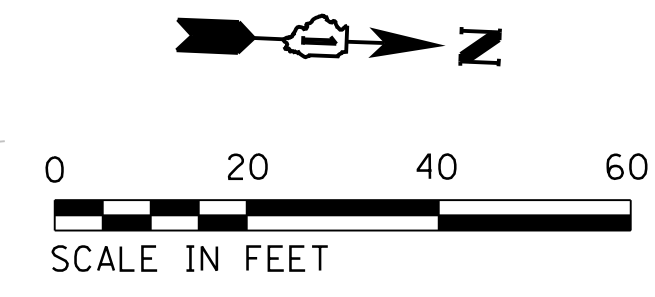
JOINTING AND ELEVATION PLAN US ROUTE 45	
SCALE: 1"=20'	SHEET 9 OF 14 SHEETS
STA. 294+00	TO STA. 304+00

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 250
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

JOINTING LEGEND

- XXX.XX PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT

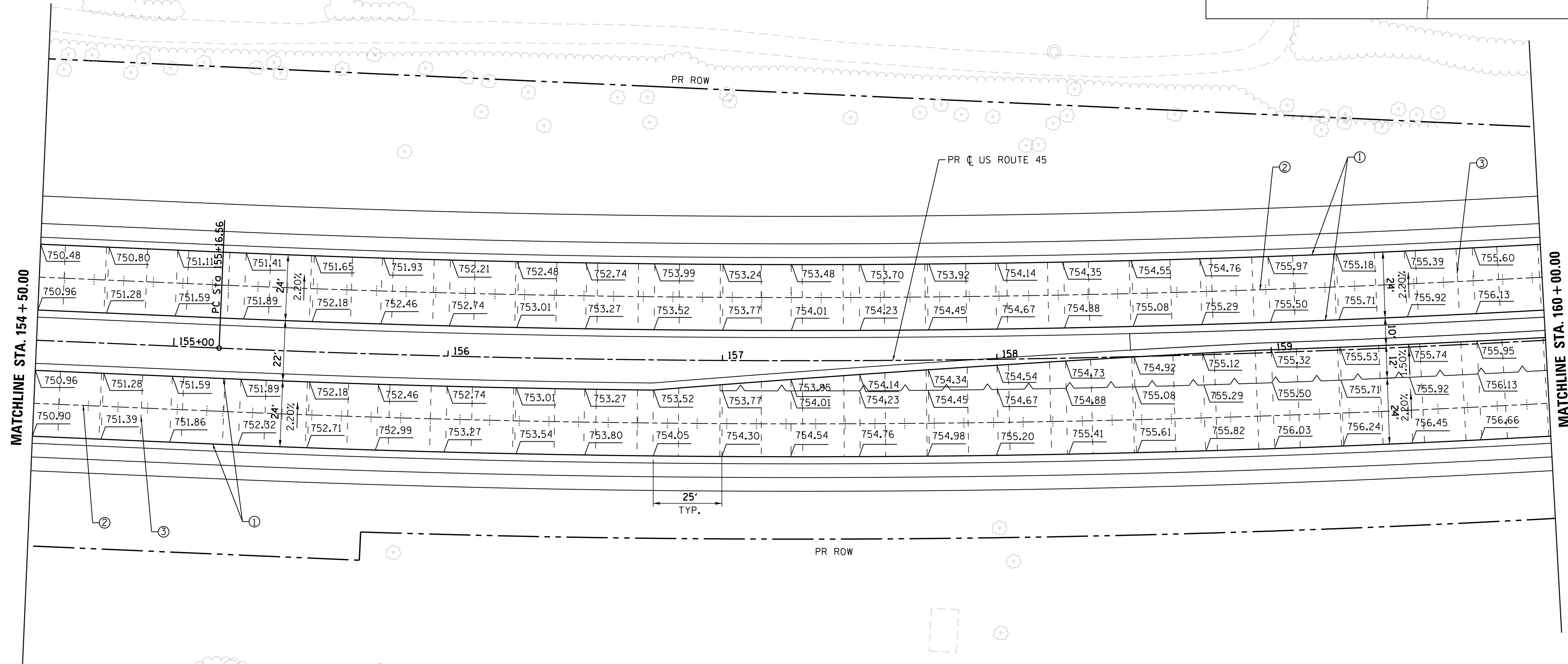
SHEET LOCATION MAP



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	DATE	

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JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT ON THE PLAN, BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS REQUIRED.
3. REFERENCE IDOT STANDARD DETAILS 420001, 420101, 420106, 420111, AND 606001.
4. FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN FZ	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED MO	REVISED
PLOT DATE = 12/6/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

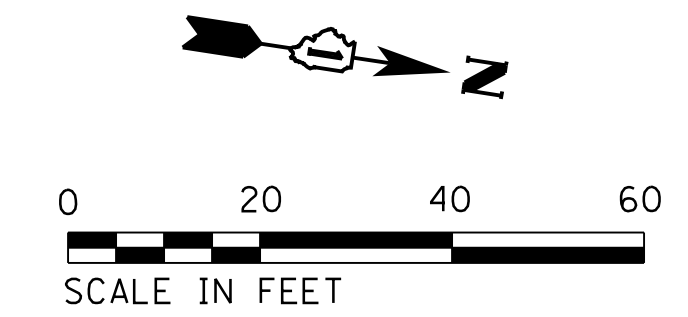
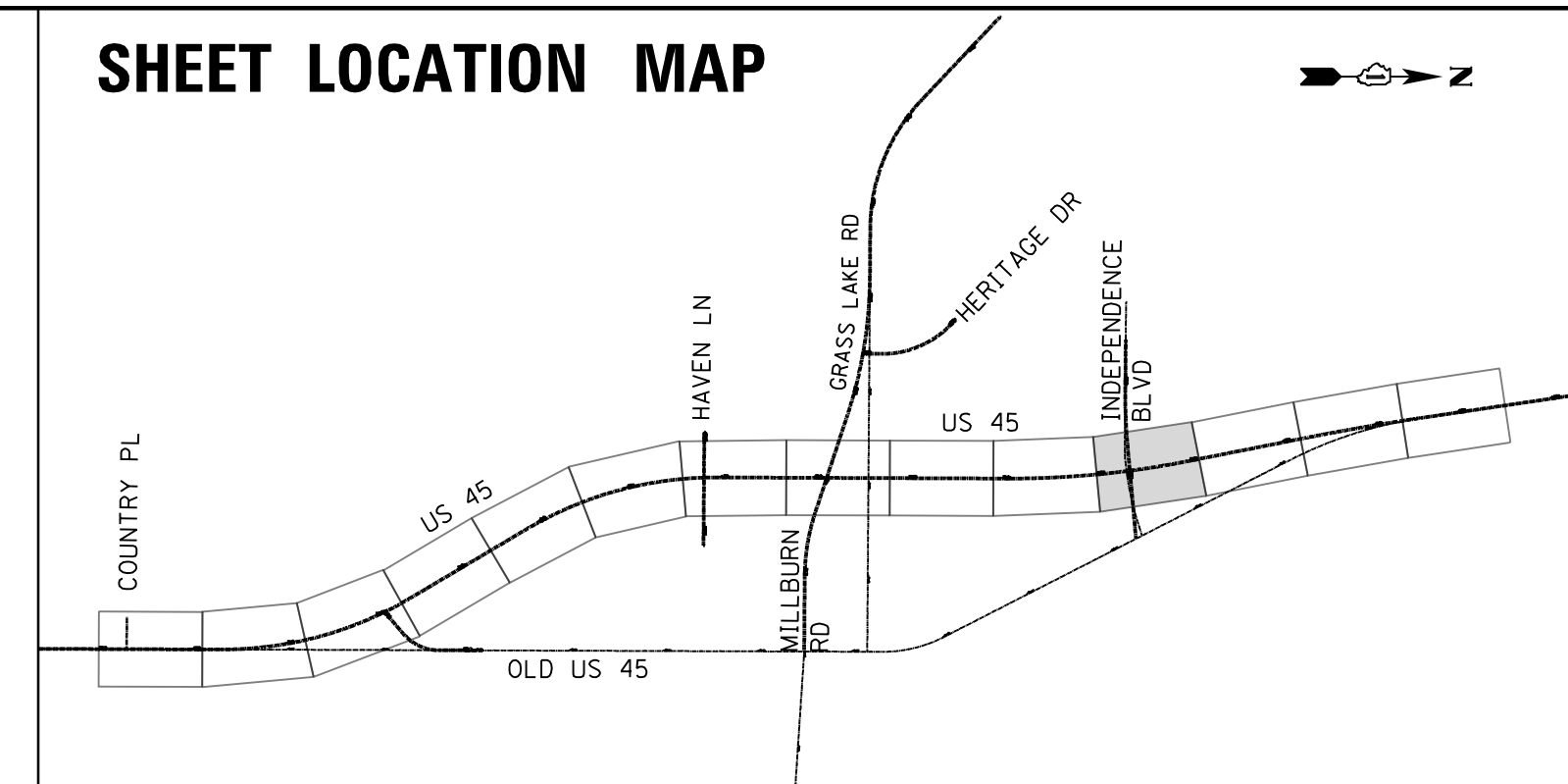
JOINTING AND ELEVATION PLAN US ROUTE 45	
SCALE: 1"=20'	SHEET 10 OF 14 SHEETS STA. 314+00 TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 251
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

JOINTING LEGEND

- XXX.XX PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT

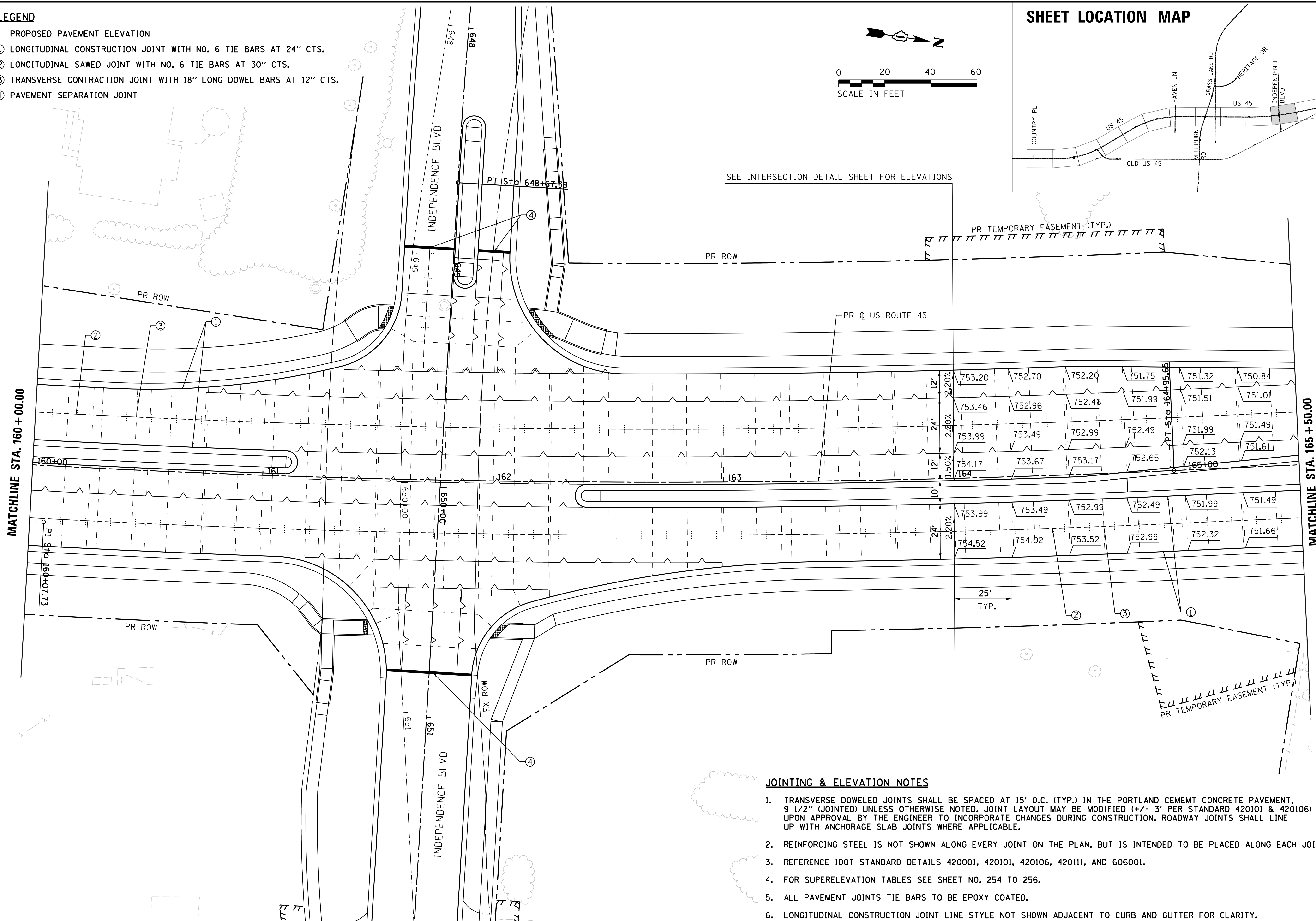
SHEET LOCATION MAP



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	

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SEE INTERSECTION DETAIL SHEET FOR ELEVATIONS

JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
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4. FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED
	DRAWN FZ	REVISED
PLOT SCALE = 20.0000' / 1"	CHECKED MO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

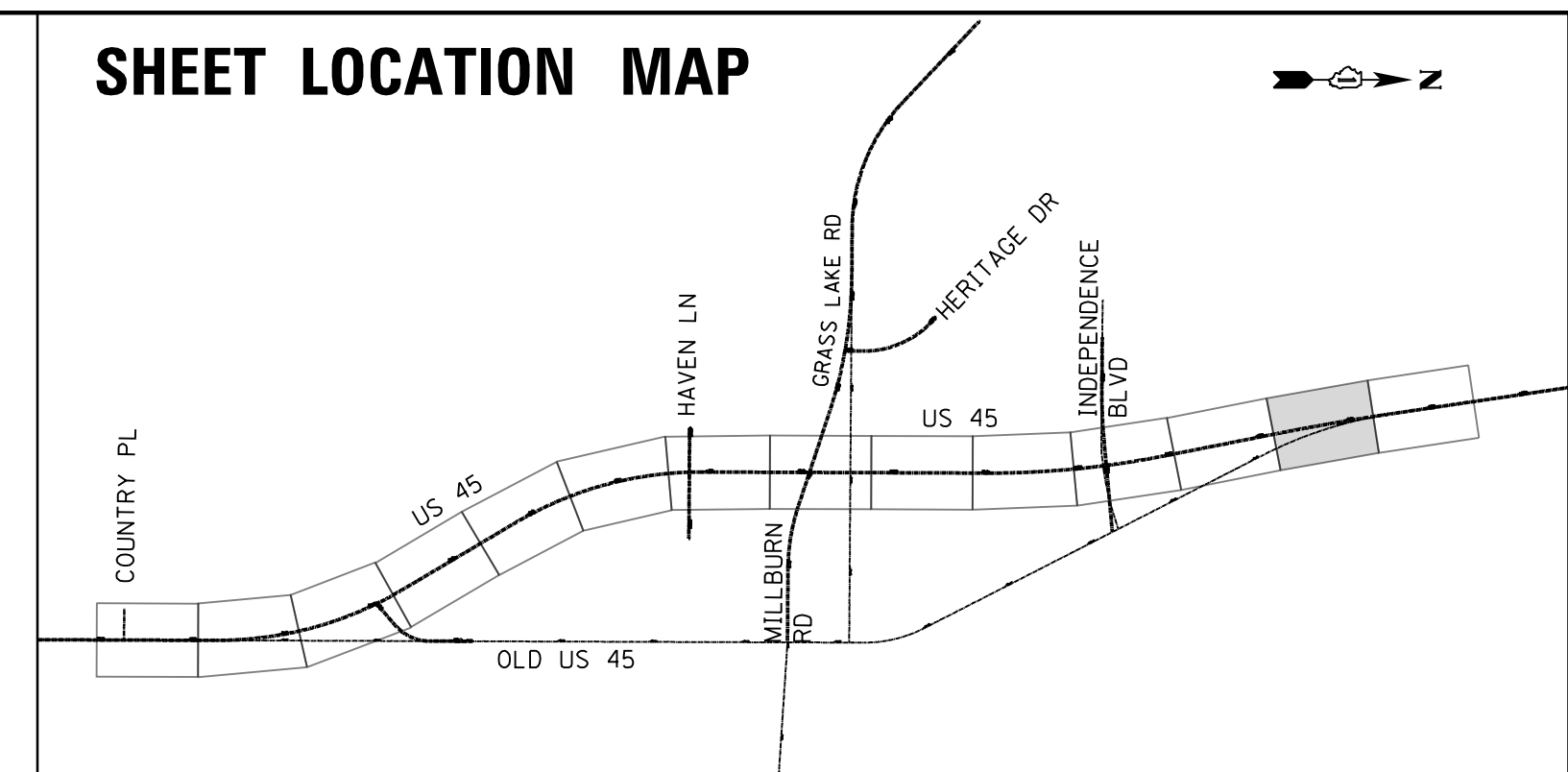
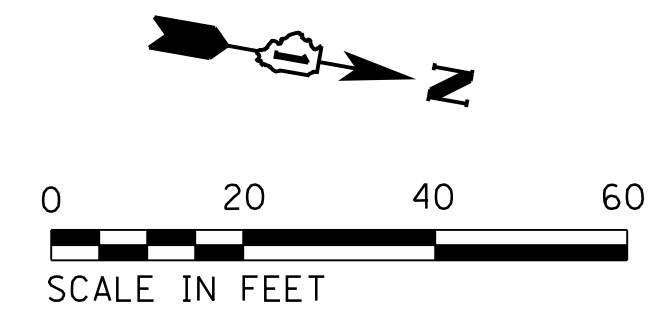
**JOINTING AND ELEVATION PLAN
US ROUTE 45**
SCALE: 1"=20' SHEET 11 OF 14 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 252
				CONTRACT NO. 60T75
ILLINOIS FED. AID PROJECT				

JOINTING LEGEND

- XXX.XX PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT

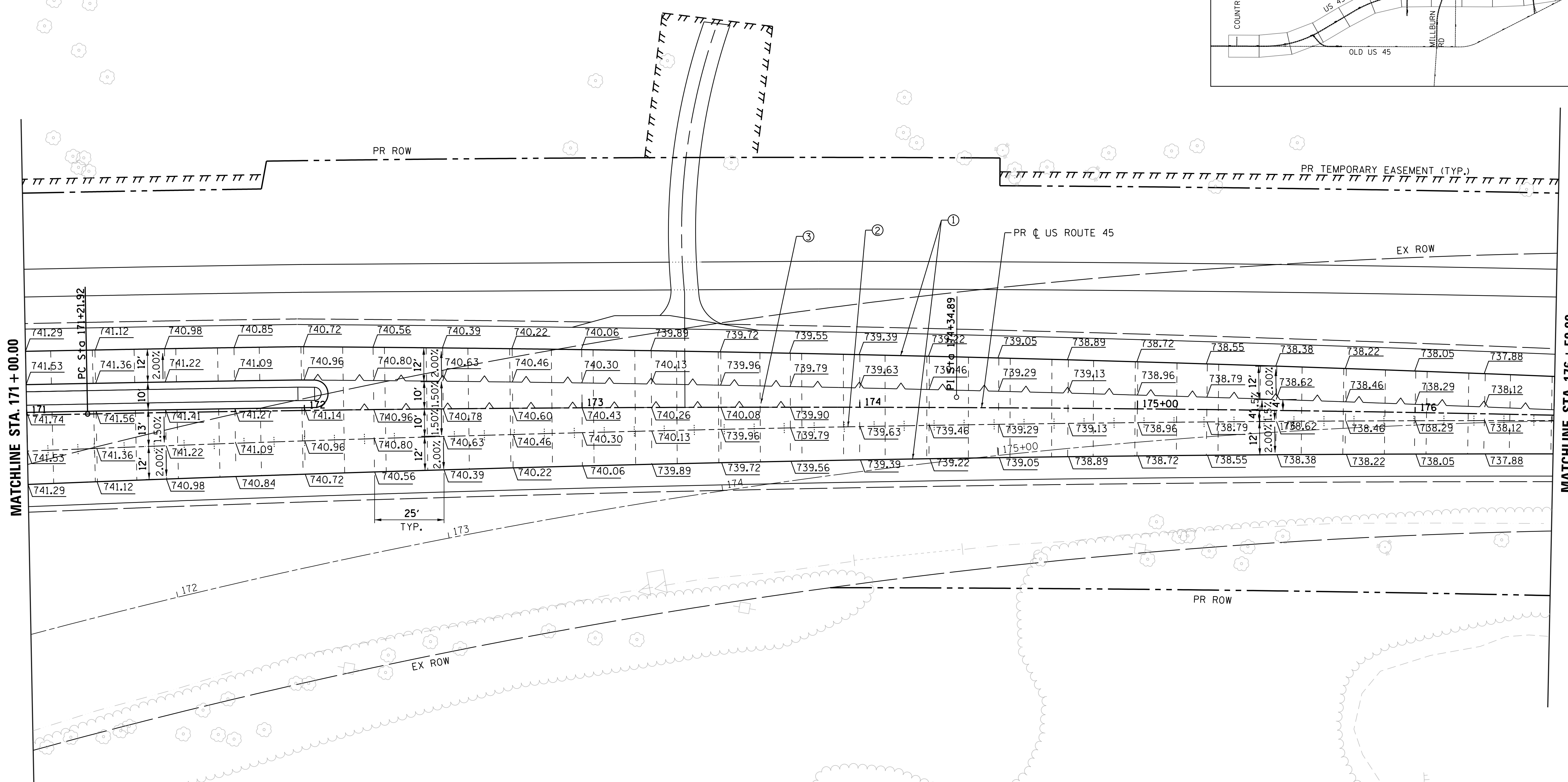
SHEET LOCATION MAP



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	PAID FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

FILE NAME = p:\t\l\ed2\p\p\person\com\illinois State\Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\160775_sht-joint_13.dgn



JOINTING & ELEVATION NOTES

- TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
- REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT ON THE PLAN, BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS REQUIRED.
- REFERENCE IDOT STANDARD DETAILS 420001, 420101, 420106, 420111, AND 606001.
- FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
- ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
- LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN FZ	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED MO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

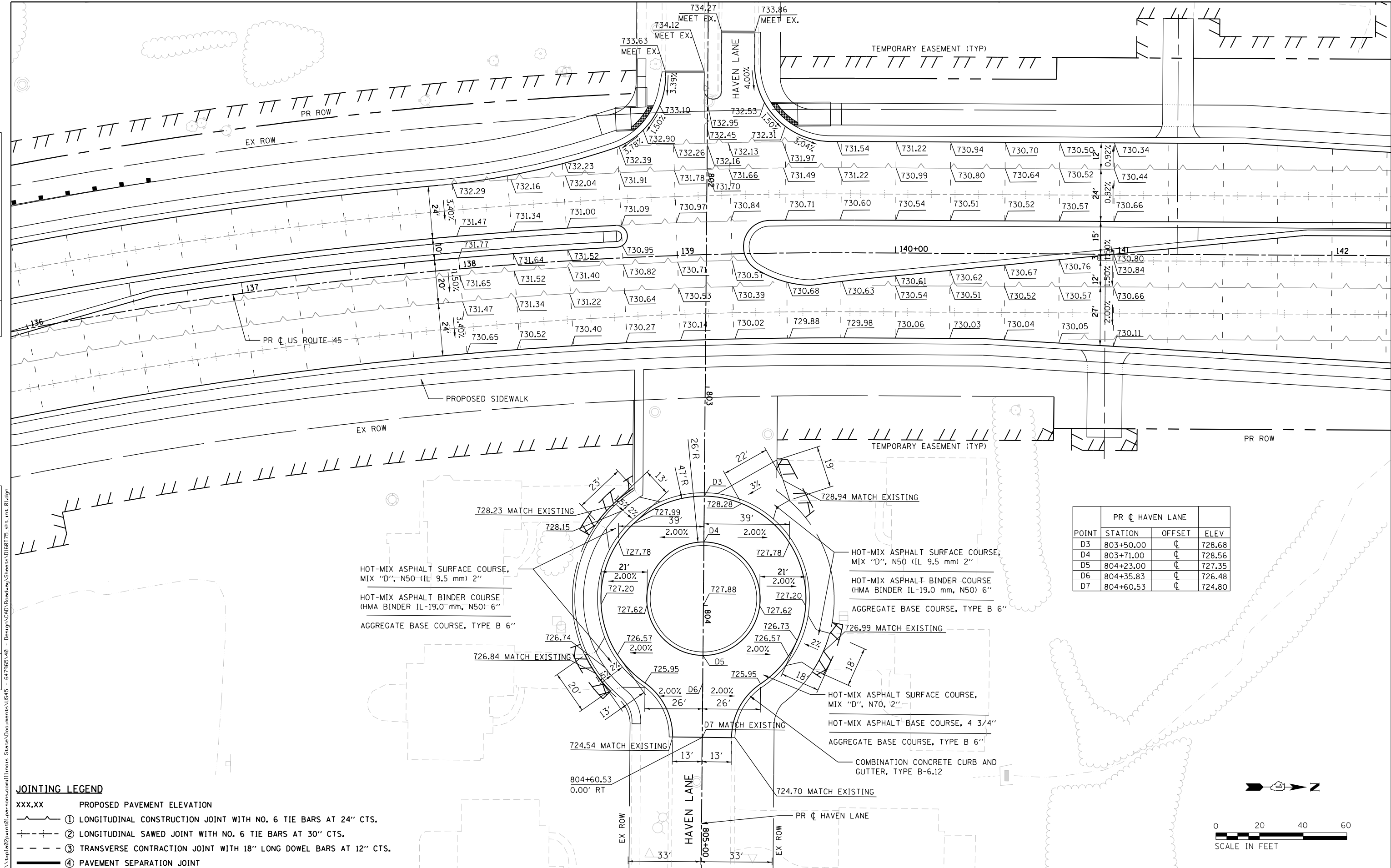
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING AND ELEVATION PLAN
US ROUTE 45**
SCALE: 1"=20' SHEET 13 OF 14 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 254
CONTRACT NO. 60775			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	



PR C HAVEN LANE			
POINT	STATION	OFFSET	ELEV
D3	803+50.00	C	728.68
D4	803+71.00	C	728.56
D5	804+23.00	C	727.35
D6	804+35.83	C	726.48
D7	804+60.53	C	724.80

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) 2"

HOT-MIX ASPHALT BINDER COURSE (HMA BINDER IL-19.0 mm, N50) 6"

AGGREGATE BASE COURSE, TYPE B 6"

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) 2"

HOT-MIX ASPHALT BINDER COURSE (HMA BINDER IL-19.0 mm, N50) 6"

AGGREGATE BASE COURSE, TYPE B 6"

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"

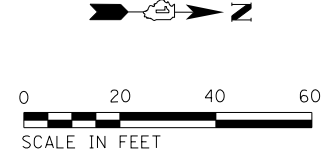
HOT-MIX ASPHALT BASE COURSE, 4 3/4"

AGGREGATE BASE COURSE, TYPE B 6"

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

JOINTING LEGEND

- xxx.xx PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT

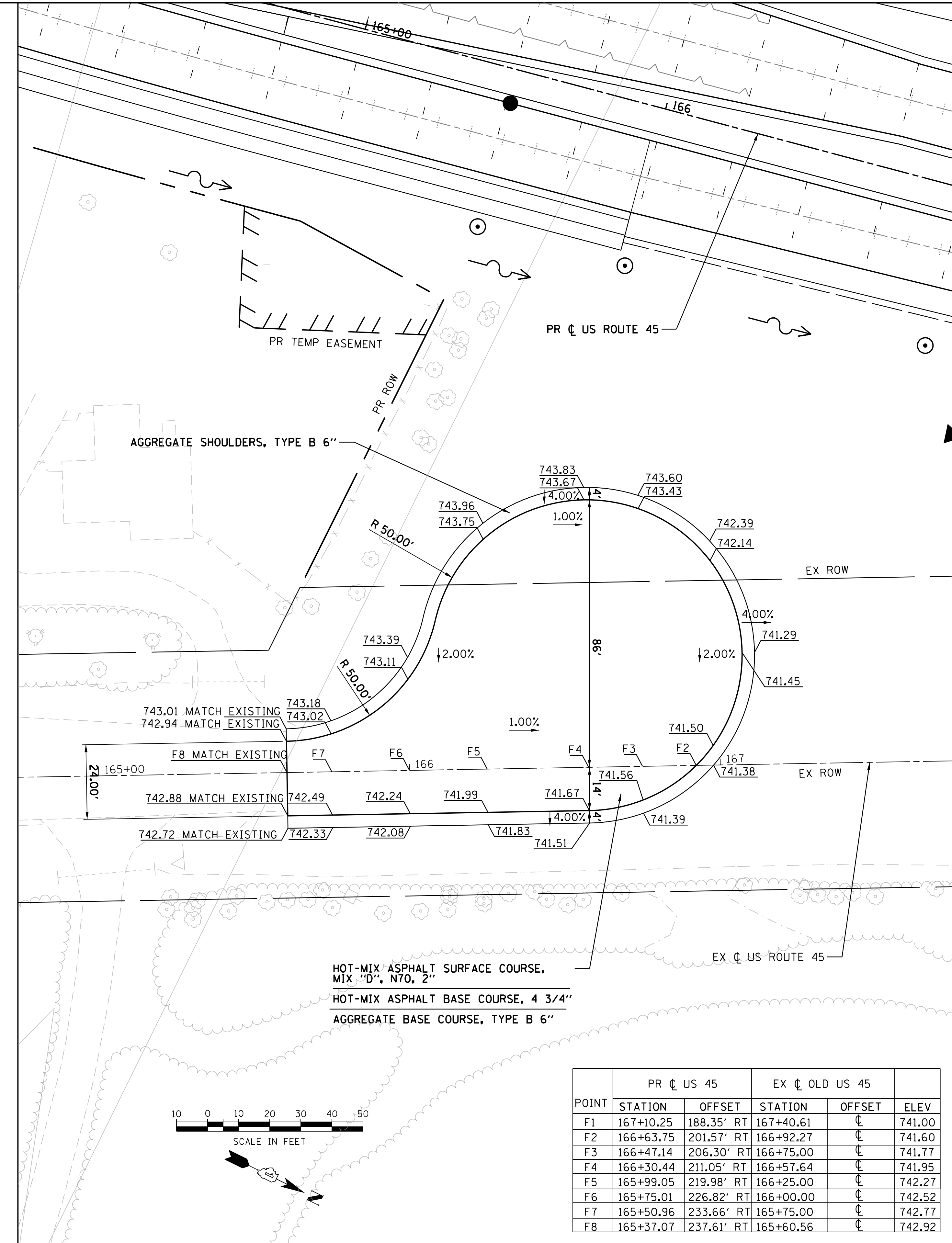
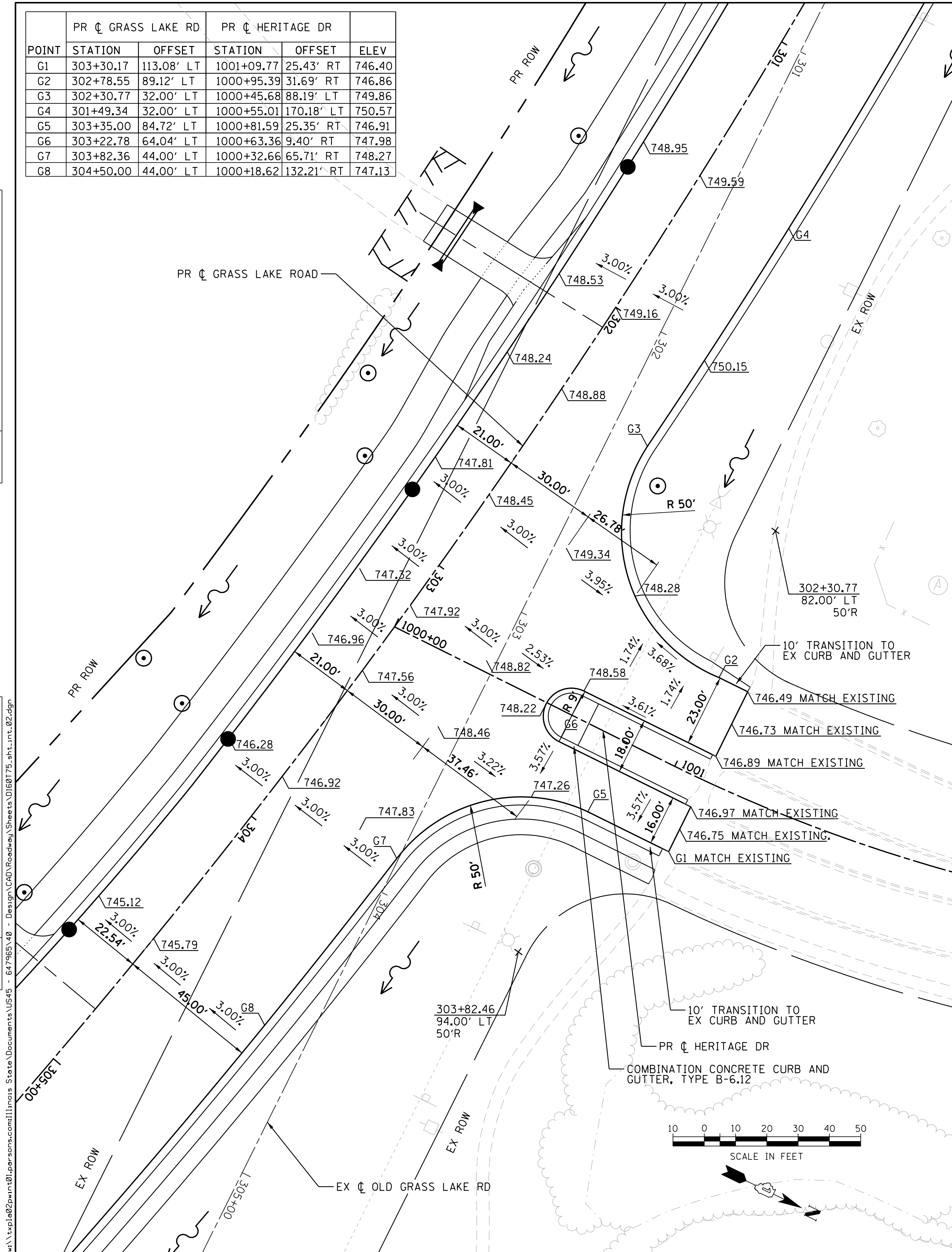


USER NAME = P0027446	DESIGNED FZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION LAYOUT DETAILS				F.A.P. R.T.E. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 256
PLOT SCALE = 48.0000' / in.	CHECKED MO	REVISED -		SCALE: 1"=20'	SHEET 1	OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 60T75			
PLOT DATE = 2/5/2018	DATE 02/02/2017	REVISED -		ILLINOIS FED. AID PROJECT								

POINT	PR C GRASS LAKE RD		PR C HERITAGE DR		ELEV
	STATION	OFFSET	STATION	OFFSET	
G1	303+30.17	113.08' LT	1001+09.77	25.43' RT	746.40
G2	302+78.55	89.12' LT	1000+95.39	31.69' RT	746.86
G3	302+30.77	32.00' LT	1000+45.68	88.19' LT	749.86
G4	301+49.34	32.00' LT	1000+55.01	170.18' LT	750.57
G5	303+35.00	84.72' LT	1000+81.59	25.35' RT	746.91
G6	303+22.78	64.04' LT	1000+63.36	9.40' RT	747.98
G7	303+82.36	44.00' LT	1000+32.66	65.71' RT	748.27
G8	304+50.00	44.00' LT	1000+18.62	132.21' RT	747.13

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	DATE	



POINT	PR C US 45		EX C OLD US 45		ELEV
	STATION	OFFSET	STATION	OFFSET	
F1	167+10.25	188.35' RT	167+40.61	C	741.00
F2	166+63.75	201.57' RT	166+92.27	C	741.60
F3	166+47.14	206.30' RT	166+75.00	C	741.77
F4	166+30.44	211.05' RT	166+57.64	C	741.95
F5	165+99.05	219.98' RT	166+25.00	C	742.27
F6	165+75.01	226.82' RT	166+00.00	C	742.52
F7	165+50.96	233.66' RT	165+75.00	C	742.77
F8	165+37.07	237.61' RT	165+60.56	C	742.92

USER NAME = 35361	DESIGNED FZ	REVISED -
DRAWN FZ	REVISOR	
PLOT SCALE = 20.0000' / 1"	CHECKED MO	REVISOR
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISOR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION LAYOUT DETAILS

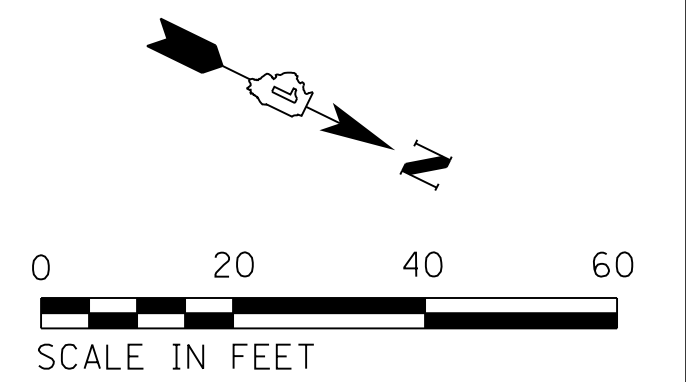
SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 257
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

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JOINTING LEGEND

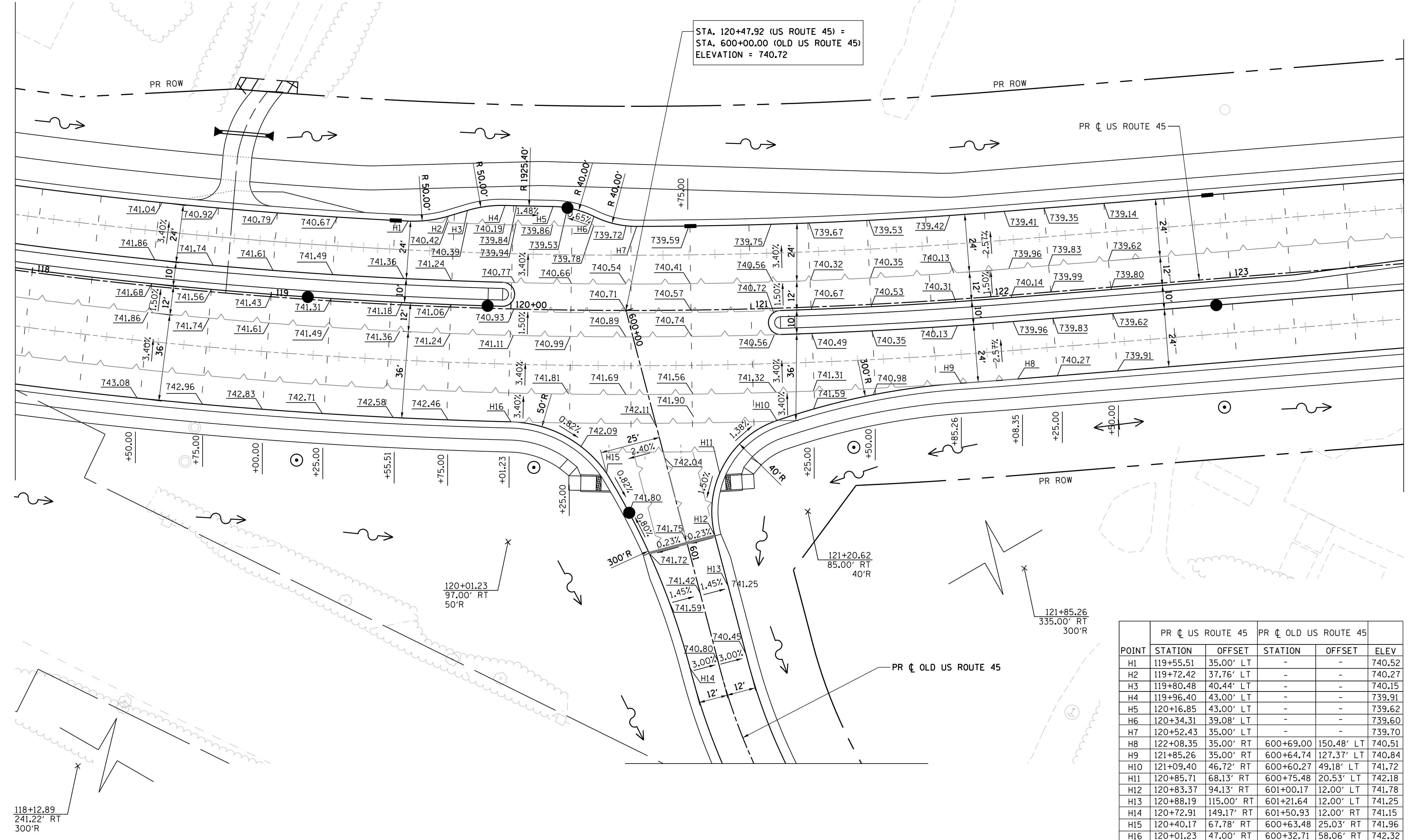
- XXX.XX PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	PAID FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOT AT THIS OFFICE		
	NO.		

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STA. 120+47.92 (US ROUTE 45) =
STA. 600+00.00 (OLD US ROUTE 45)
ELEVATION = 740.72

POINT	PR ϕ US ROUTE 45		PR ϕ OLD US ROUTE 45		ELEV
	STATION	OFFSET	STATION	OFFSET	
H1	119+55.51	35.00' LT	-	-	740.52
H2	119+72.42	37.76' LT	-	-	740.27
H3	119+80.48	40.44' LT	-	-	740.15
H4	119+96.40	43.00' LT	-	-	739.91
H5	120+16.85	43.00' LT	-	-	739.62
H6	120+34.31	39.08' LT	-	-	739.60
H7	120+52.43	35.00' LT	-	-	739.70
H8	122+08.35	35.00' RT	600+69.00	150.48' LT	740.51
H9	121+85.26	35.00' RT	600+64.74	127.37' LT	740.84
H10	121+09.40	46.72' RT	600+60.27	49.18' LT	741.72
H11	120+85.71	68.13' RT	600+75.48	20.53' LT	742.18
H12	120+83.37	94.13' RT	601+00.17	12.00' LT	741.78
H13	120+88.19	115.00' RT	601+21.64	12.00' LT	741.25
H14	120+72.91	149.17' RT	601+50.93	12.00' RT	741.15
H15	120+40.17	67.78' RT	600+63.48	25.03' RT	741.96
H16	120+01.23	47.00' RT	600+32.71	58.06' RT	742.32

USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED JB	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION LAYOUT DETAILS

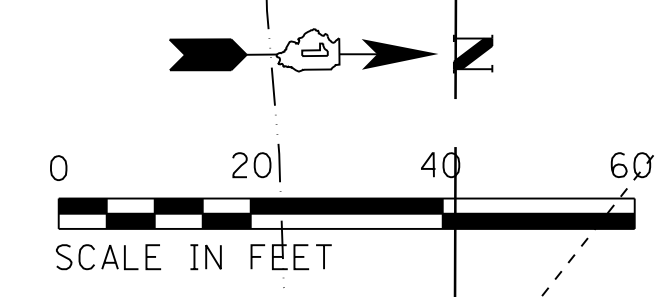
SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 258
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T75	

JOINTING LEGEND

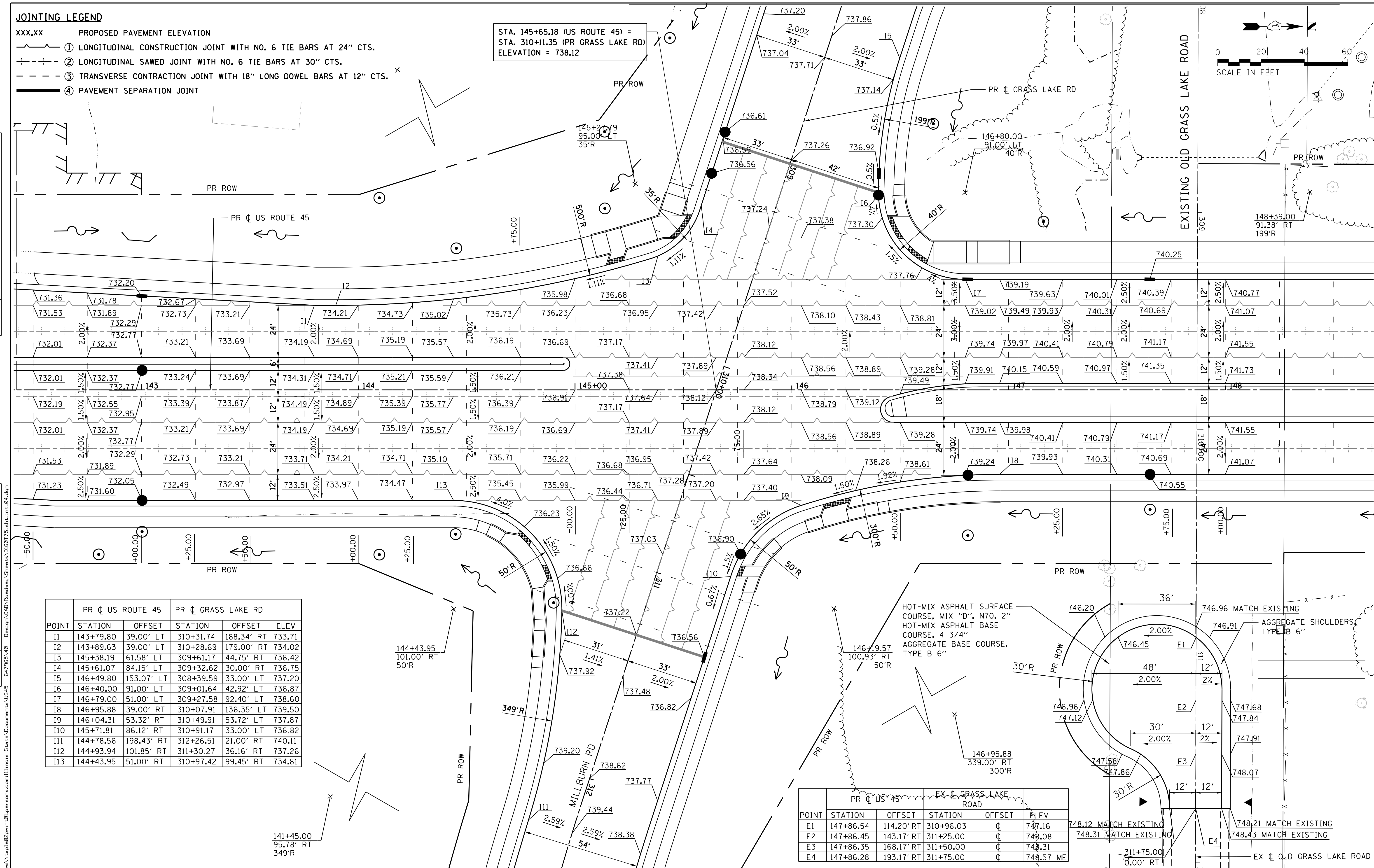
- XXX.XX PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT

STA. 145+65.18 (US ROUTE 45) =
STA. 310+11.35 (PR GRASS LAKE RD)
ELEVATION = 738.12



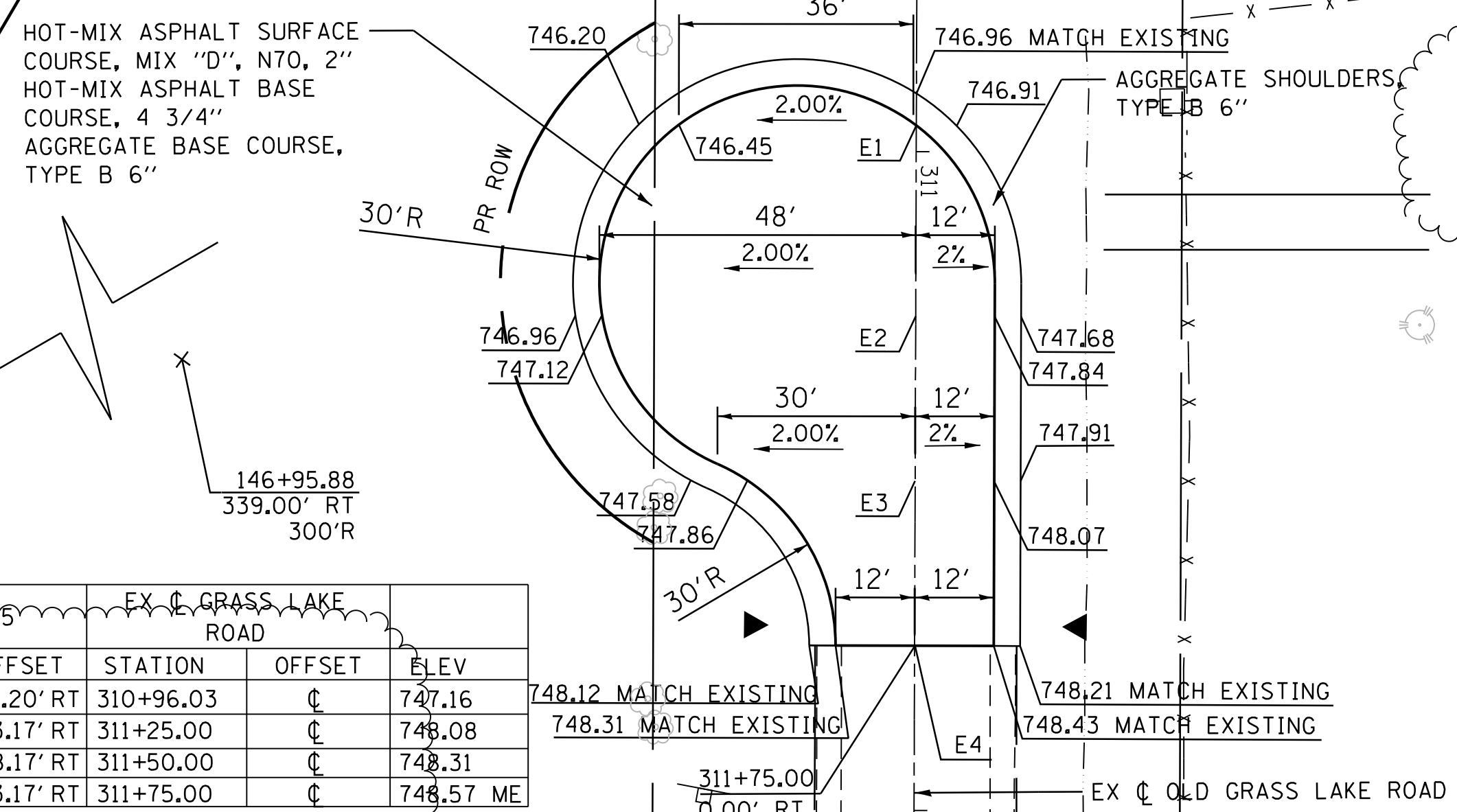
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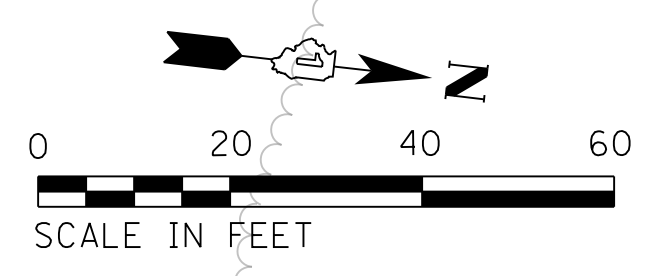
POINT	PR CL US ROUTE 45		PR CL GRASS LAKE RD		ELEV
	STATION	OFFSET	STATION	OFFSET	
I1	143+79.80	39.00' LT	310+31.74	188.34' RT	733.71
I2	143+89.63	39.00' LT	310+28.69	179.00' RT	734.02
I3	145+38.19	61.58' LT	309+61.17	44.75' RT	736.42
I4	145+61.07	84.15' LT	309+32.62	30.00' RT	736.75
I5	146+49.80	153.07' LT	308+39.59	33.00' LT	737.20
I6	146+40.00	91.00' LT	309+01.64	42.92' LT	736.87
I7	146+79.00	51.00' LT	309+27.58	92.40' LT	738.60
I8	146+95.88	39.00' RT	310+07.91	136.35' LT	739.50
I9	146+04.31	53.32' RT	310+49.91	53.72' LT	737.87
I10	145+71.81	86.12' RT	310+91.17	33.00' LT	736.82
I11	144+78.56	198.43' RT	312+26.51	21.00' RT	740.11
I12	144+93.94	101.85' RT	311+30.27	36.16' RT	737.26
I13	144+43.95	51.00' RT	310+97.42	99.45' RT	734.81

POINT	PR CL US 45		EX CL GRASS LAKE ROAD		ELEV
	STATION	OFFSET	STATION	OFFSET	
E1	147+86.54	114.20' RT	310+96.03	CL	747.16
E2	147+86.45	143.17' RT	311+25.00	CL	746.08
E3	147+86.35	168.17' RT	311+50.00	CL	748.31
E4	147+86.28	193.17' RT	311+75.00	CL	748.57 ME



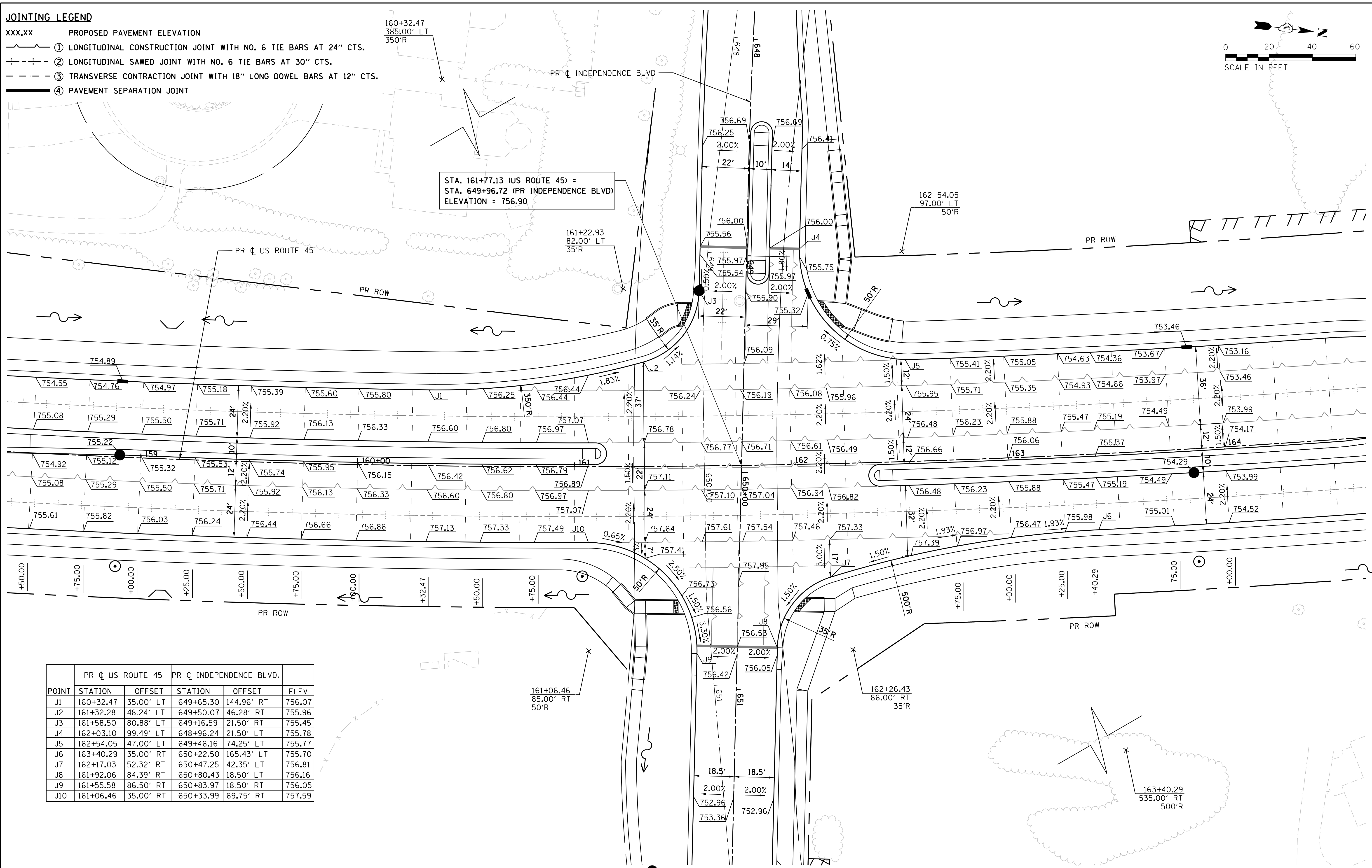
JOINTING LEGEND

- XXX.XX PROPOSED PAVEMENT ELEVATION
- ① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.
- ④ PAVEMENT SEPARATION JOINT



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	PAID FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



POINT	PR US ROUTE 45		PR INDEPENDENCE BLVD.		ELEV
	STATION	OFFSET	STATION	OFFSET	
J1	160+32.47	35.00' LT	649+65.30	144.96' RT	756.07
J2	161+32.28	48.24' LT	649+50.07	46.28' RT	755.96
J3	161+58.50	80.88' LT	649+16.59	21.50' RT	755.45
J4	162+03.10	99.49' LT	648+96.24	21.50' LT	755.78
J5	162+54.05	47.00' LT	649+46.16	74.25' LT	755.77
J6	163+40.29	35.00' RT	650+22.50	165.43' LT	755.70
J7	162+17.03	52.32' RT	650+47.25	42.35' LT	756.81
J8	161+92.06	84.39' RT	650+80.43	18.50' LT	756.16
J9	161+55.58	86.50' RT	650+83.97	18.50' RT	756.05
J10	161+06.46	35.00' RT	650+33.99	69.75' RT	757.59

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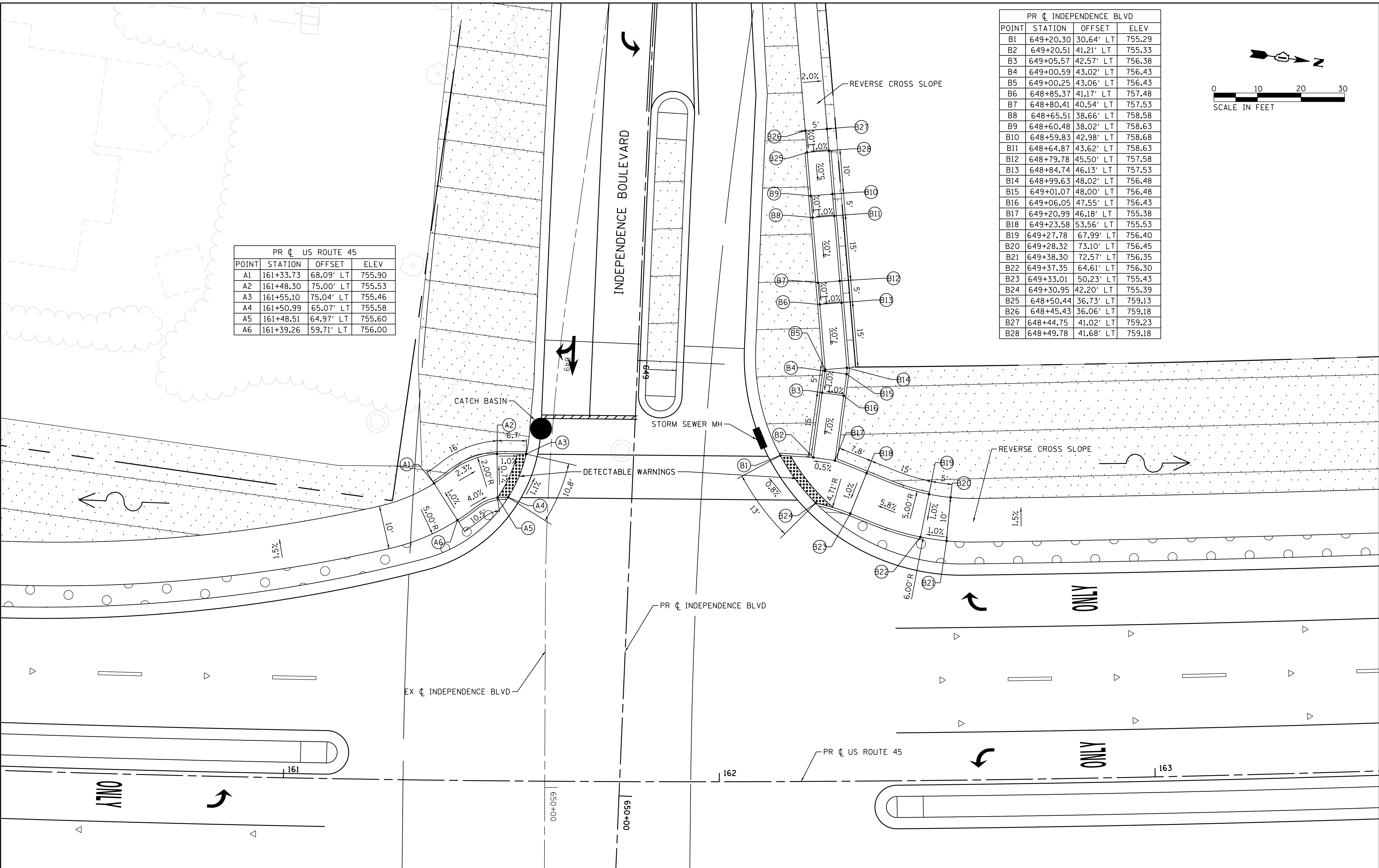
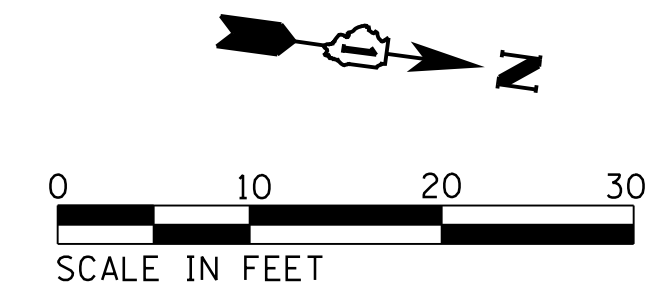
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	PLOTTED	BY
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	PLOTTED	BY
	GRADES CHECKED	
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	NO. _____	

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PR C US ROUTE 45			
POINT	STATION	OFFSET	ELEV
A1	161+33.73	68.09' LT	755.90
A2	161+48.30	75.00' LT	755.53
A3	161+55.10	75.04' LT	755.46
A4	161+50.99	65.07' LT	755.58
A5	161+48.51	64.97' LT	755.60
A6	161+39.26	59.71' LT	756.00

PR C INDEPENDENCE BLVD			
POINT	STATION	OFFSET	ELEV
B1	649+20.30	30.64' LT	755.29
B2	649+20.51	41.21' LT	755.33
B3	649+05.57	42.57' LT	756.38
B4	649+00.59	43.02' LT	756.43
B5	649+00.25	43.06' LT	756.43
B6	648+85.37	41.17' LT	757.48
B7	648+80.41	40.54' LT	757.53
B8	648+65.51	38.66' LT	758.58
B9	648+60.48	38.02' LT	758.63
B10	648+59.83	42.98' LT	758.68
B11	648+64.87	43.62' LT	758.63
B12	648+79.78	45.50' LT	757.58
B13	648+84.74	46.13' LT	757.53
B14	648+99.63	48.02' LT	756.48
B15	649+01.07	48.00' LT	756.48
B16	649+06.05	47.55' LT	756.43
B17	649+20.99	46.18' LT	755.38
B18	649+23.58	53.56' LT	755.53
B19	649+27.78	67.99' LT	756.40
B20	649+28.32	73.10' LT	756.45
B21	649+38.30	72.57' LT	756.35
B22	649+37.35	64.61' LT	756.30
B23	649+33.01	50.23' LT	755.43
B24	649+30.95	42.20' LT	755.39
B25	648+50.44	36.73' LT	759.13
B26	648+45.43	36.06' LT	759.18
B27	648+44.75	41.02' LT	759.23
B28	648+49.78	41.68' LT	759.18



USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 10.0000' / in.	CHECKED JB	REVISED
PLOT DATE = 9/18/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS

SCALE: 1"=10' SHEET 4 OF 9 SHEETS STA. TO STA.

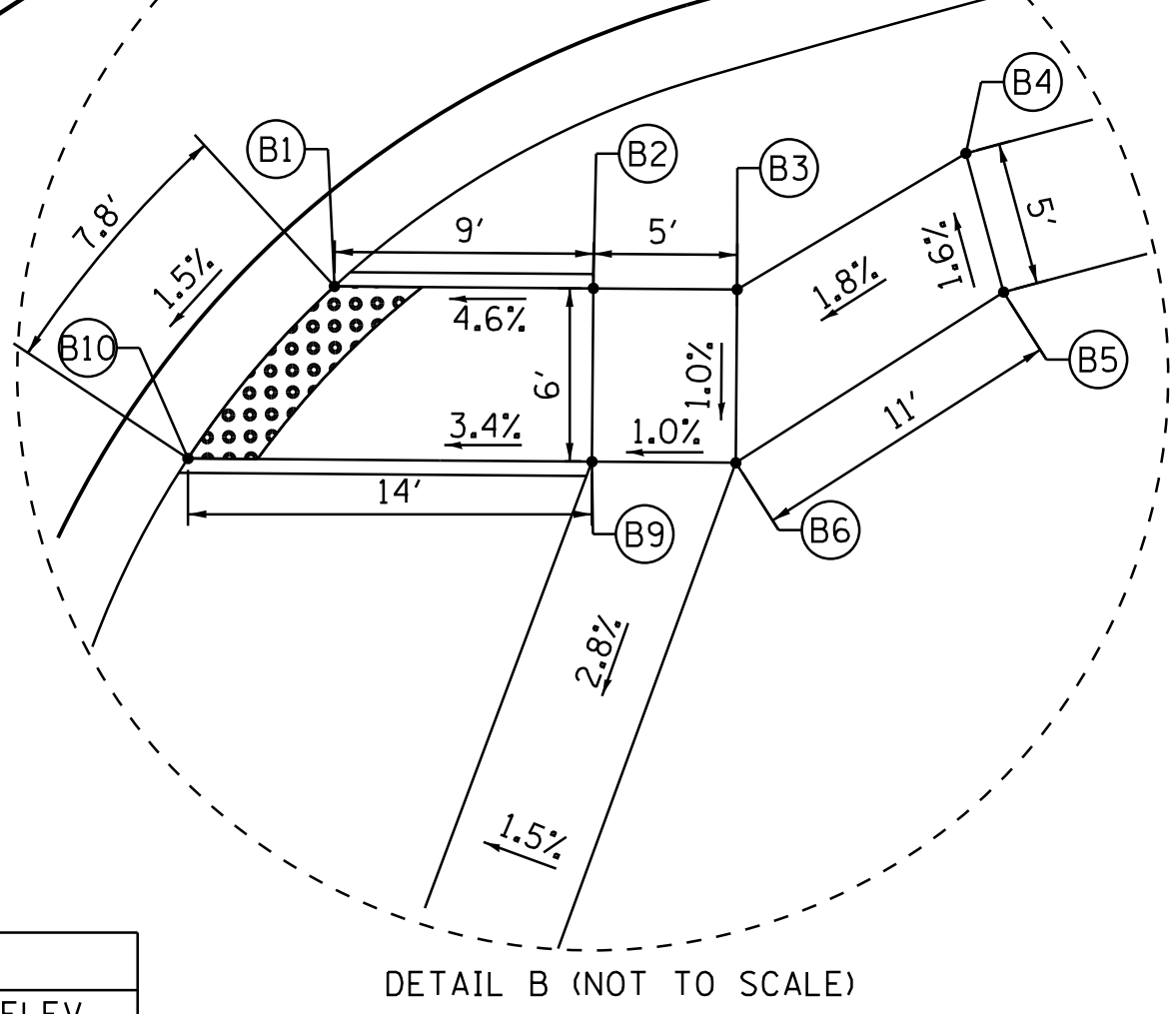
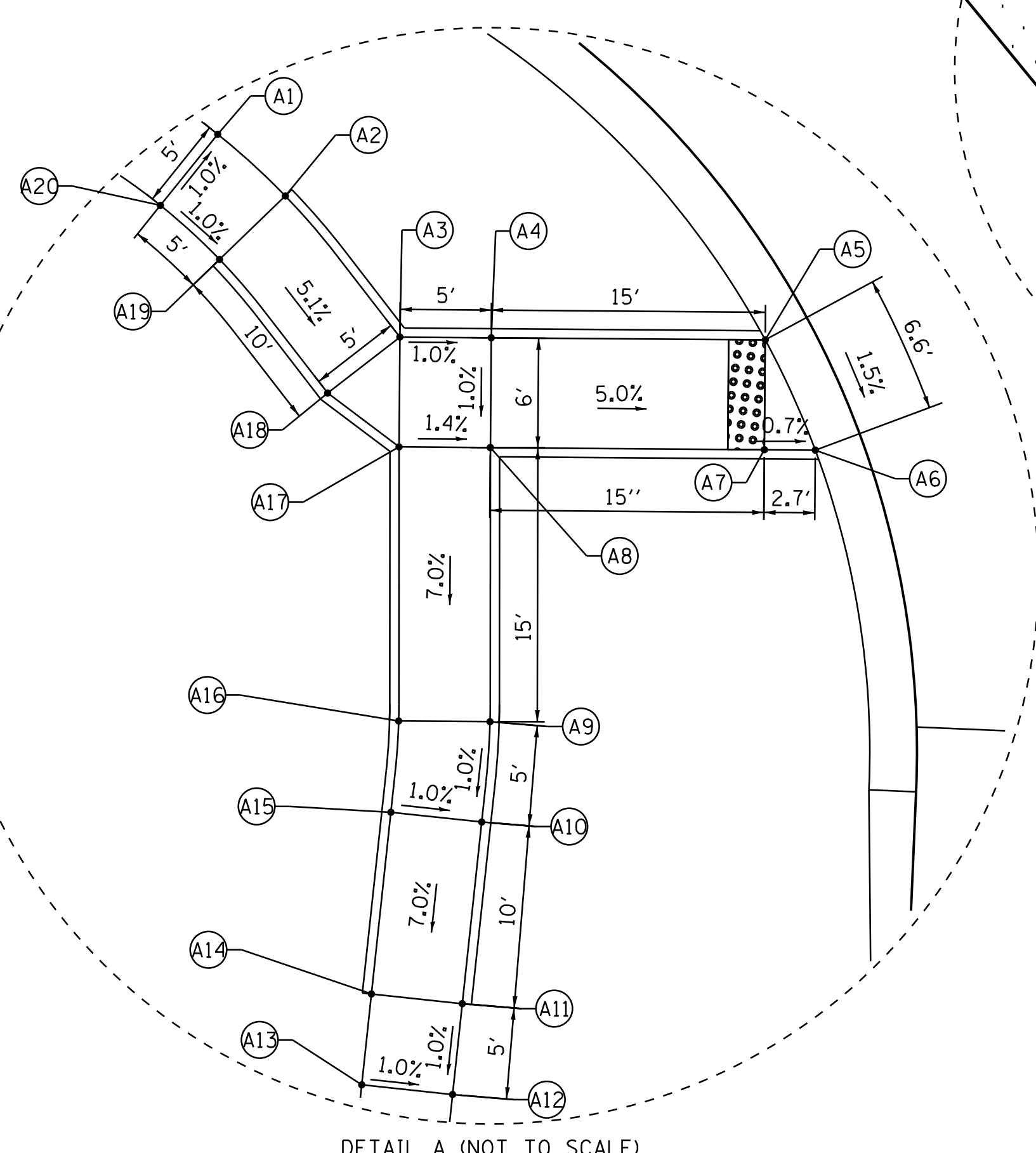
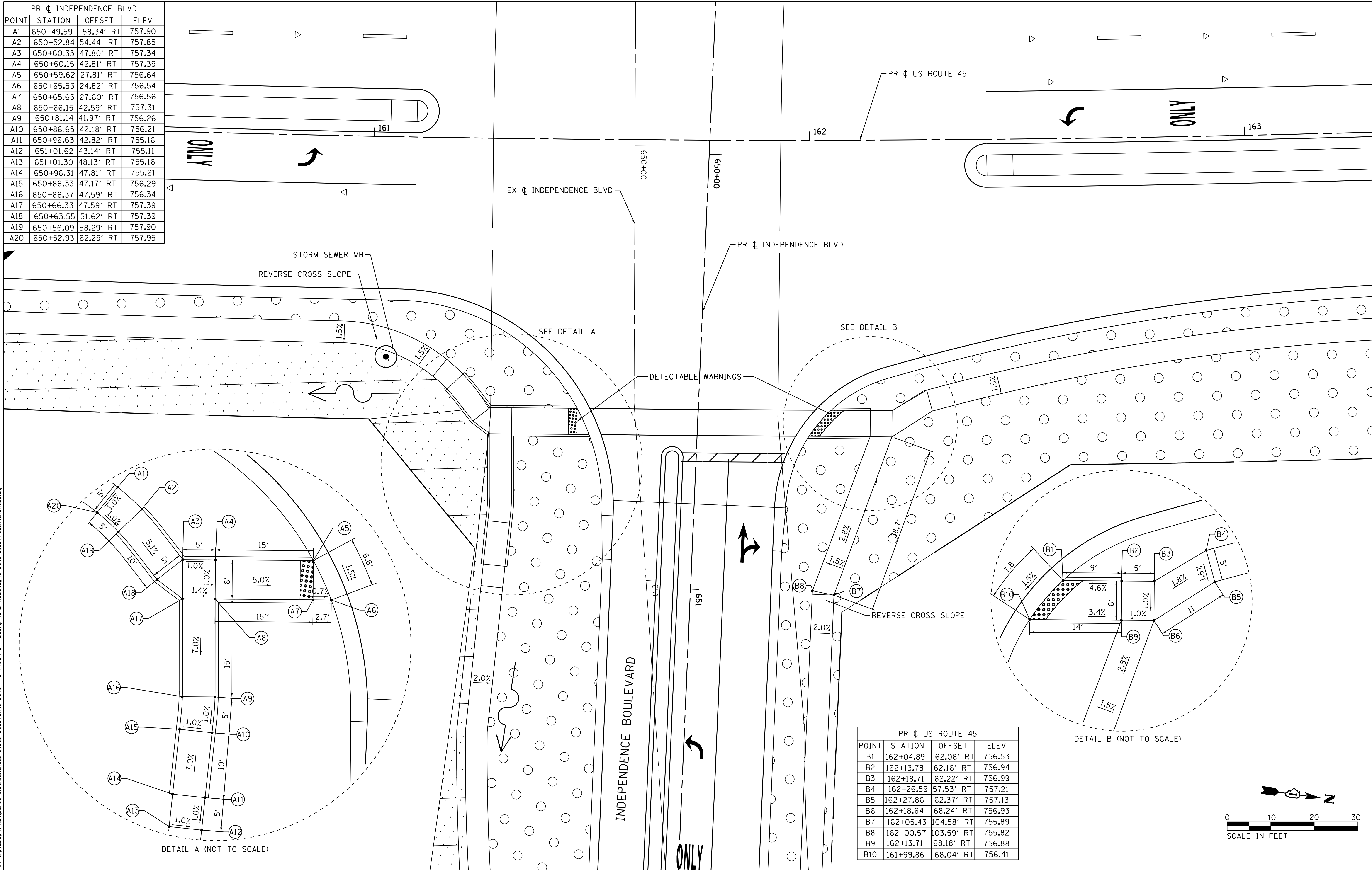
F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 264
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

PR C INDEPENDENCE BLVD			
POINT	STATION	OFFSET	ELEV
A1	650+49.59	58.34' RT	757.90
A2	650+52.84	54.44' RT	757.85
A3	650+60.33	47.80' RT	757.34
A4	650+60.15	42.81' RT	757.39
A5	650+59.62	27.81' RT	756.64
A6	650+65.53	24.82' RT	756.54
A7	650+65.63	27.60' RT	756.56
A8	650+66.15	42.59' RT	757.31
A9	650+81.14	41.97' RT	756.26
A10	650+86.65	42.18' RT	756.21
A11	650+96.63	42.82' RT	755.16
A12	651+01.62	43.14' RT	755.11
A13	651+01.30	48.13' RT	755.16
A14	650+96.31	47.81' RT	755.21
A15	650+86.33	47.17' RT	756.29
A16	650+66.37	47.59' RT	756.34
A17	650+66.33	47.59' RT	757.39
A18	650+63.55	51.62' RT	757.39
A19	650+56.09	58.29' RT	757.90
A20	650+52.93	62.29' RT	757.95

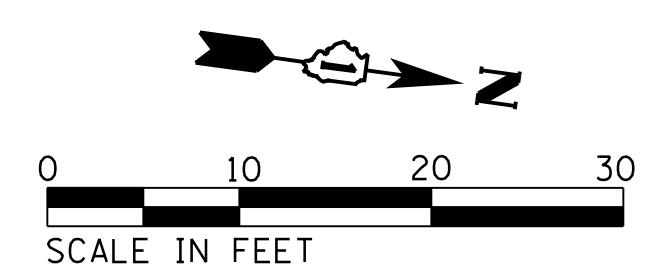
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PROFILE	SURVEYED	DATE
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PR C US ROUTE 45			
POINT	STATION	OFFSET	ELEV
B1	162+04.89	62.06' RT	756.53
B2	162+13.78	62.16' RT	756.94
B3	162+18.71	62.22' RT	756.99
B4	162+26.59	57.53' RT	757.21
B5	162+27.86	62.37' RT	757.13
B6	162+18.64	68.24' RT	756.93
B7	162+05.43	104.58' RT	755.89
B8	162+00.57	103.59' RT	755.82
B9	162+13.71	68.18' RT	756.88
B10	161+99.86	68.04' RT	756.41



USER NAME = 35361	DESIGNED MO	REVISED
	DRAWN MO	REVISED
PLOT SCALE = 10.0000' / 1"	CHECKED JB	REVISED
PLOT DATE = 9/18/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

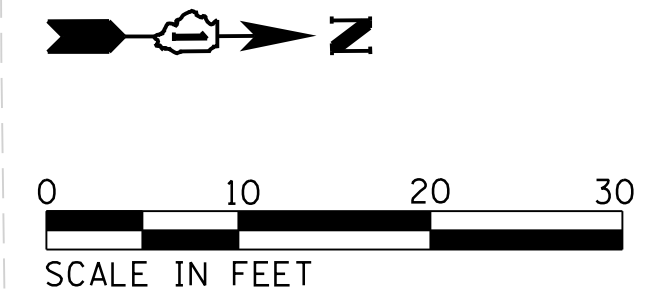
ADA DETAILS

SCALE: 1"=10' SHEET 5 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	265
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

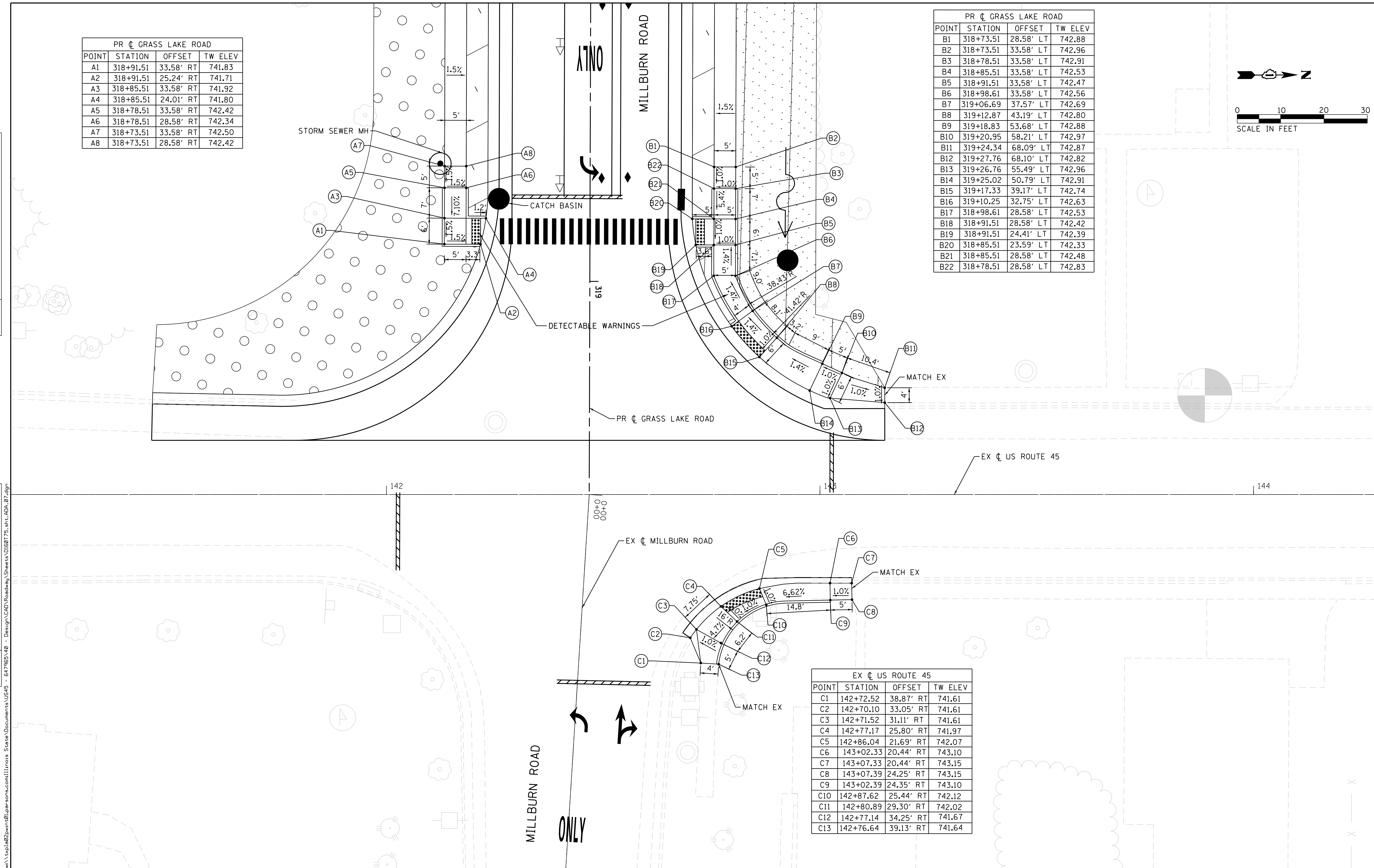
PR C GRASS LAKE ROAD				
POINT	STATION	OFFSET	TW ELEV	
A1	318+91.51	33.58' RT	741.83	
A2	318+91.51	25.24' RT	741.71	
A3	318+85.51	33.58' RT	741.92	
A4	318+85.51	24.01' RT	741.80	
A5	318+78.51	33.58' RT	742.42	
A6	318+78.51	28.58' RT	742.34	
A7	318+73.51	33.58' RT	742.50	
A8	318+73.51	28.58' RT	742.42	

PR C GRASS LAKE ROAD				
POINT	STATION	OFFSET	TW ELEV	
B1	318+73.51	28.58' LT	742.88	
B2	318+73.51	33.58' LT	742.96	
B3	318+78.51	33.58' LT	742.91	
B4	318+85.51	33.58' LT	742.53	
B5	318+91.51	33.58' LT	742.47	
B6	318+98.61	33.58' LT	742.56	
B7	319+06.69	37.57' LT	742.69	
B8	319+12.87	43.19' LT	742.80	
B9	319+18.83	53.68' LT	742.88	
B10	319+20.95	58.21' LT	742.97	
B11	319+24.34	68.09' LT	742.87	
B12	319+27.76	68.10' LT	742.82	
B13	319+26.76	55.49' LT	742.96	
B14	319+25.02	50.79' LT	742.91	
B15	319+17.33	39.17' LT	742.74	
B16	319+10.25	32.75' LT	742.63	
B17	318+98.61	28.58' LT	742.53	
B18	318+91.51	28.58' LT	742.42	
B19	318+91.51	24.41' LT	742.39	
B20	318+85.51	23.59' LT	742.33	
B21	318+85.51	28.58' LT	742.48	
B22	318+78.51	28.58' LT	742.83	



PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
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	FILE NAME	



EX C US ROUTE 45				
POINT	STATION	OFFSET	TW ELEV	
C1	142+72.52	38.87' RT	741.61	
C2	142+70.10	33.05' RT	741.61	
C3	142+71.52	31.11' RT	741.61	
C4	142+77.17	25.80' RT	741.97	
C5	142+86.04	21.69' RT	742.07	
C6	143+02.33	20.44' RT	743.10	
C7	143+07.33	20.44' RT	743.15	
C8	143+07.39	24.25' RT	743.15	
C9	143+02.39	24.35' RT	743.10	
C10	142+87.62	25.44' RT	742.12	
C11	142+80.89	29.30' RT	742.02	
C12	142+77.14	34.25' RT	741.67	
C13	142+76.64	39.13' RT	741.64	

USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 10.0000' / in.	CHECKED JB	REVISED
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS

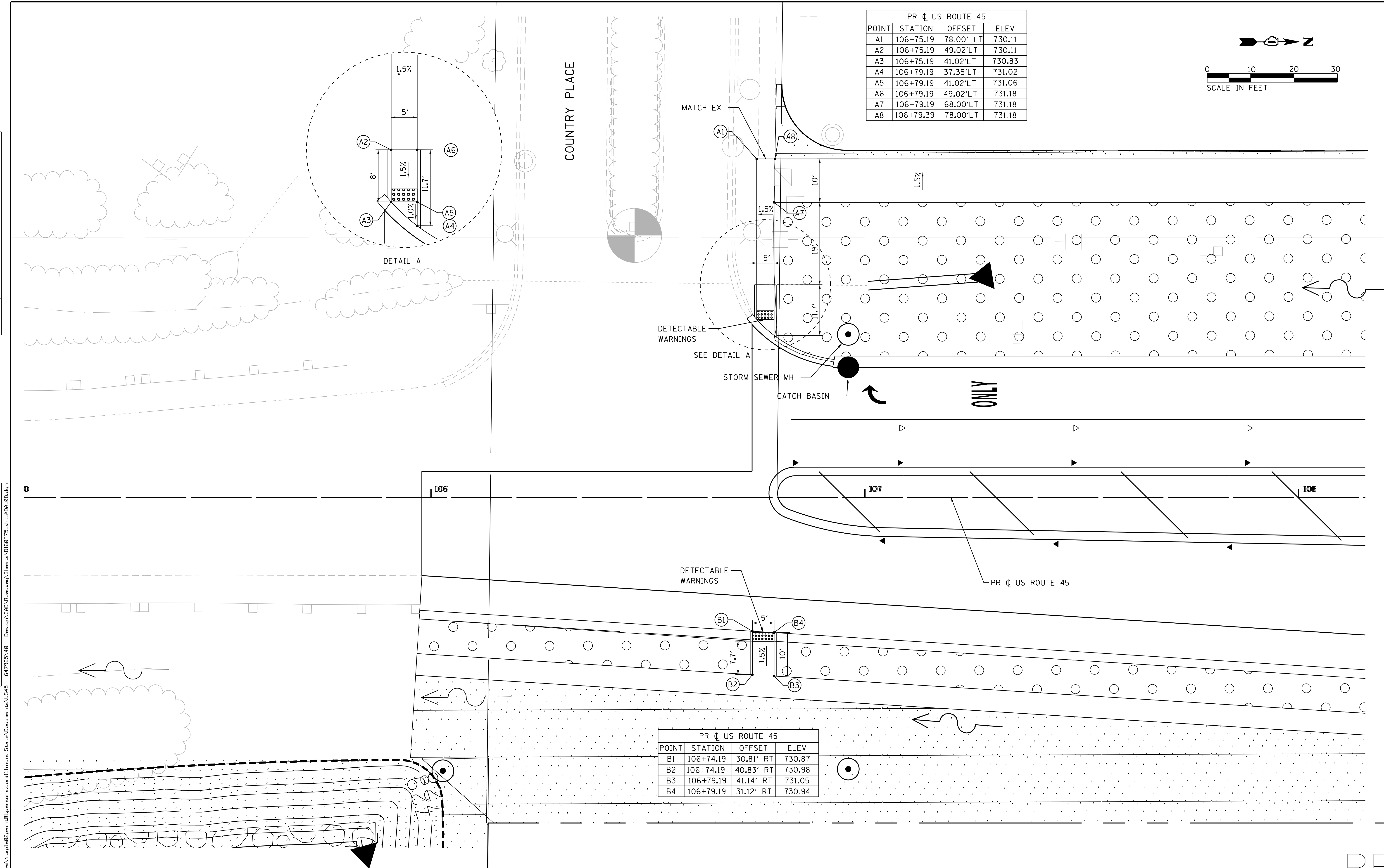
SCALE: 1"=10' SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 267
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

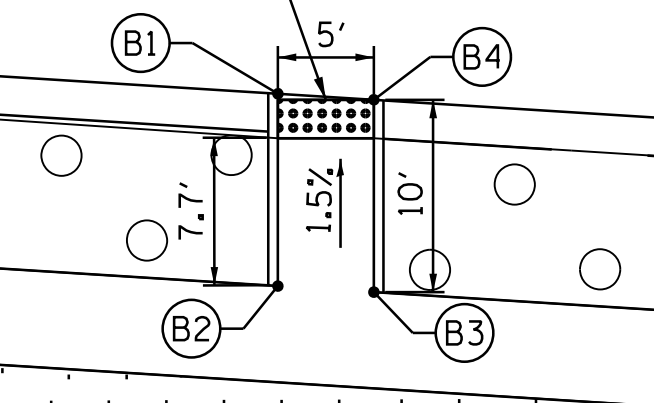
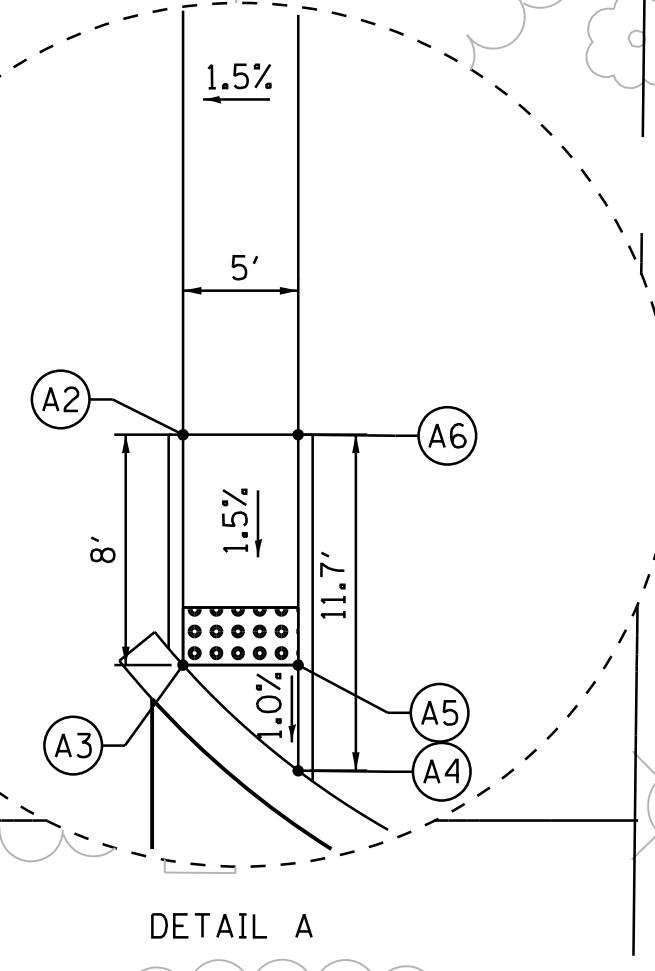
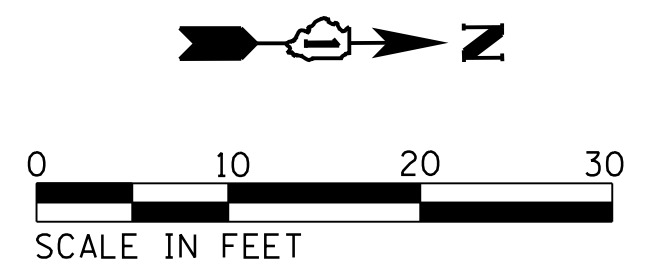
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PROFILE	SURVEYED	DATE
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	GRADES	
	STRUCTURE	
	NOT AT THIS CHKD	
	NO.	



PR US ROUTE 45			
POINT	STATION	OFFSET	ELEV
A1	106+75.19	78.00' LT	730.11
A2	106+75.19	49.02' LT	730.11
A3	106+75.19	41.02' LT	730.83
A4	106+79.19	37.35' LT	731.02
A5	106+79.19	41.02' LT	731.06
A6	106+79.19	49.02' LT	731.18
A7	106+79.19	68.00' LT	731.18
A8	106+79.39	78.00' LT	731.18



PR US ROUTE 45			
POINT	STATION	OFFSET	ELEV
B1	106+74.19	30.81' RT	730.87
B2	106+74.19	40.83' RT	730.98
B3	106+79.19	41.14' RT	731.05
B4	106+79.19	31.12' RT	730.94

USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 10.0000' / in.	CHECKED JB	REVISED
PLOT DATE = 9/18/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA DETAILS

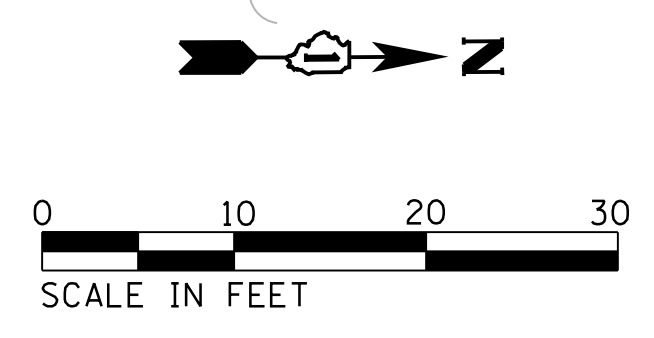
SCALE: 1"=10' SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 268
CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT

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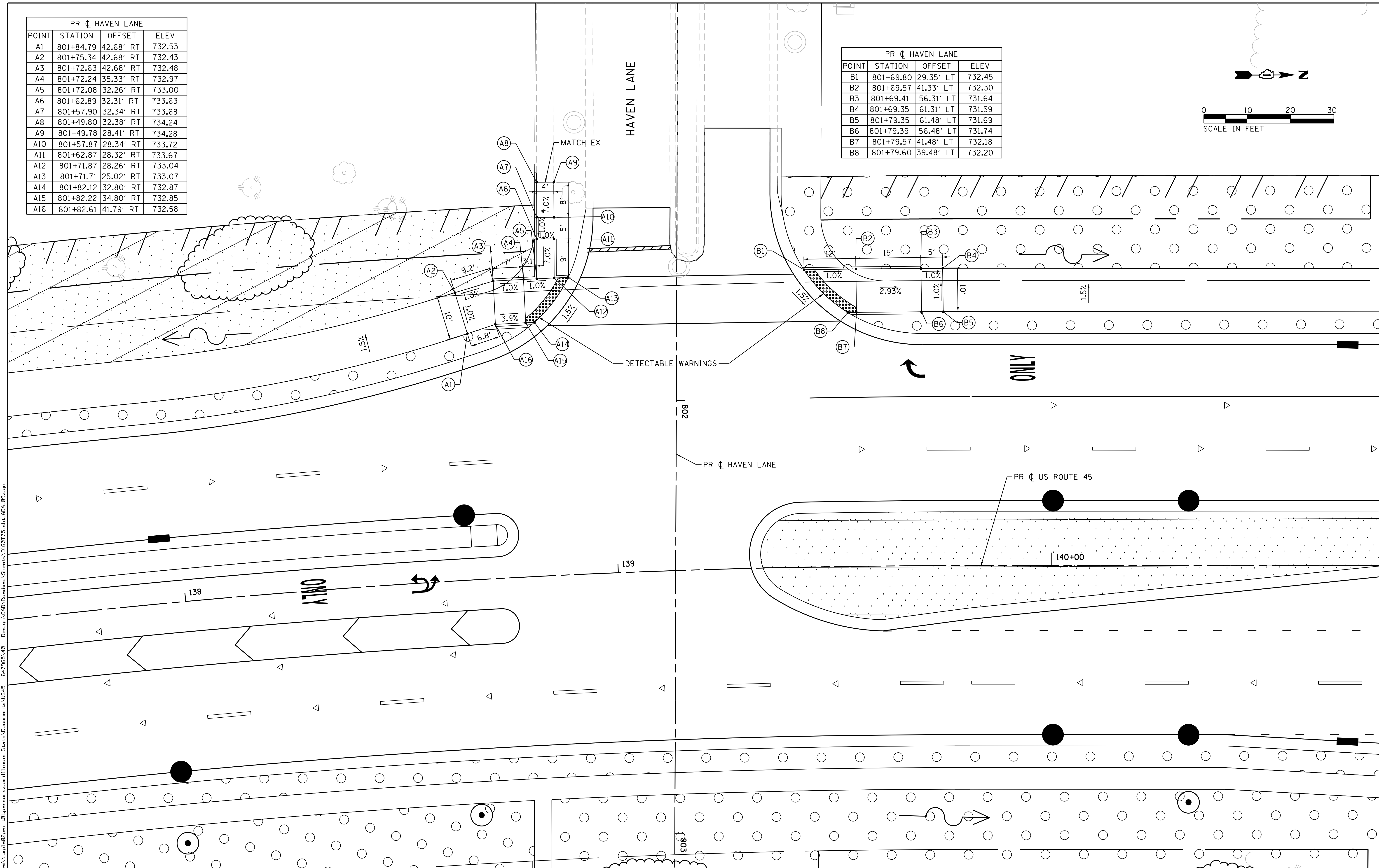
PR ϕ HAVEN LANE			
POINT	STATION	OFFSET	ELEV
A1	801+84.79	42.68' RT	732.53
A2	801+75.34	42.68' RT	732.43
A3	801+72.63	42.68' RT	732.48
A4	801+72.24	35.33' RT	732.97
A5	801+72.08	32.26' RT	733.00
A6	801+62.89	32.31' RT	733.63
A7	801+57.90	32.34' RT	733.68
A8	801+49.80	32.38' RT	734.24
A9	801+49.78	28.41' RT	734.28
A10	801+57.87	28.34' RT	733.72
A11	801+62.87	28.32' RT	733.67
A12	801+71.87	28.26' RT	733.04
A13	801+71.71	25.02' RT	733.07
A14	801+82.12	32.80' RT	732.87
A15	801+82.22	34.80' RT	732.85
A16	801+82.61	41.79' RT	732.58

PR ϕ HAVEN LANE			
POINT	STATION	OFFSET	ELEV
B1	801+69.80	29.35' LT	732.45
B2	801+69.57	41.33' LT	732.30
B3	801+69.41	56.31' LT	731.64
B4	801+69.35	61.31' LT	731.59
B5	801+79.35	61.48' LT	731.69
B6	801+79.39	56.48' LT	731.74
B7	801+79.57	41.48' LT	732.18
B8	801+79.60	39.48' LT	732.20



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	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	FILE NAME	



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USER NAME = 35361	DESIGNED FZ	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN MO	REVISED
PLOT DATE = 9/18/2017	CHECKED JB	REVISED
	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

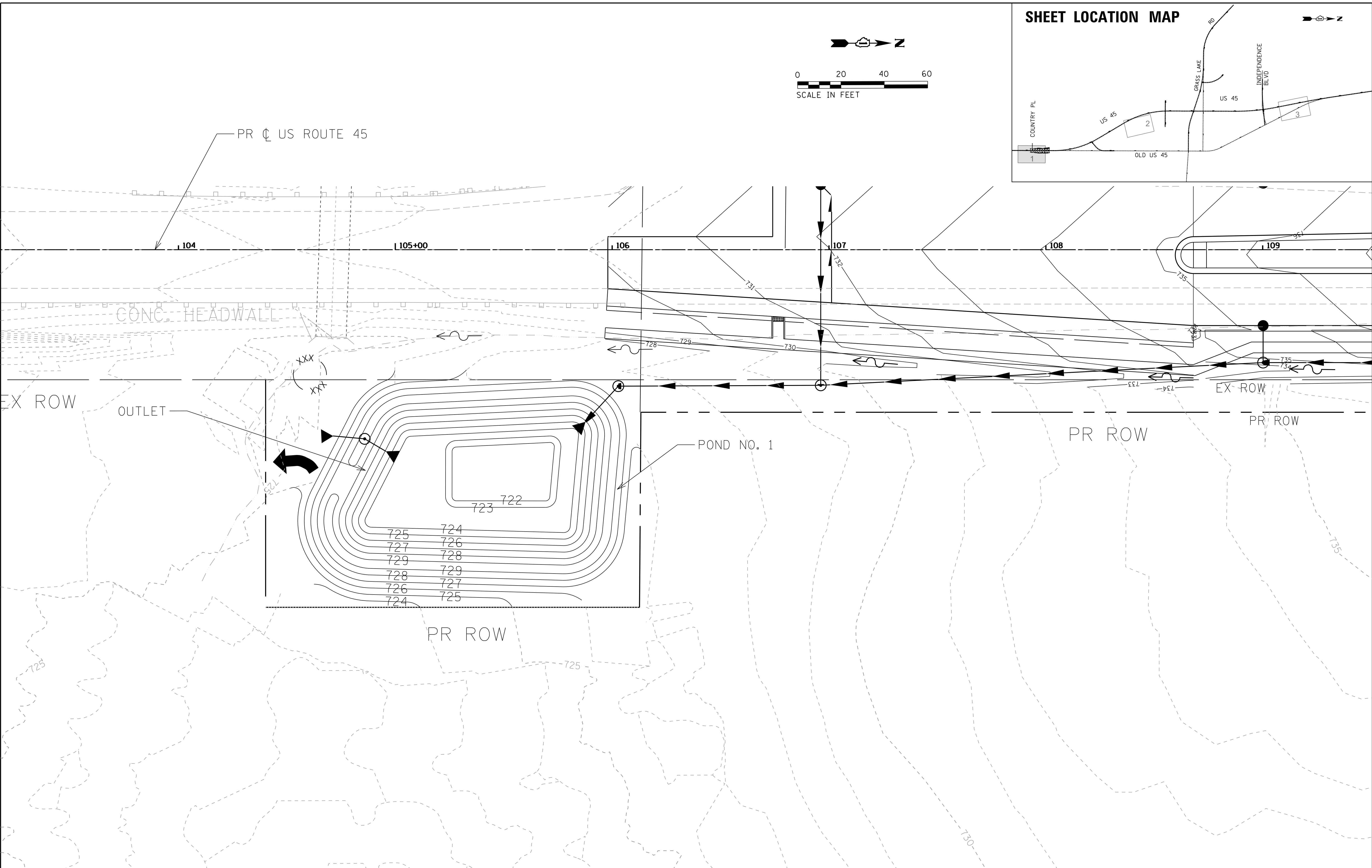
ADA DETAILS
SCALE: 1"=10' SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 269
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
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USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN FZ	REVISED
PLOT SCALE = 20.0000' / 1"	CHECKED MO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**POND GRADING DETAILS
US ROUTE 45**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 100+00 TO STA. 113+00

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 270
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
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DESCRIPTION	STATION	LEFT EDGE OF S.B. THROUGH LANE			LEFT PGL		RIGHT EDGE OF S.B. TURN			LEFT EDGE OF N.B. TURN			RIGHT PGL		RIGHT EDGE OF N.B. THROUGH			RIGHT EDGE OF N.B.		
		SLOPE	OFFSET	ELEV	OFFSET	ELEV	SLOPE	OFFSET	ELEV	SLOPE	OFFSET	ELEV	OFFSET	ELEV	SLOPE	OFFSET	ELEV	SLOPE	OFFSET	ELEV
BEGIN TANGENT RUNOUT	109+90.00	-2.00%	32.44' LT	736.84	8.44' LT	737.32							11.00' RT	737.32	-2.00%	35.00' RT	736.84			
START OF ROTATION NORTH BOUND LANE	110+00.00	-2.00%	32.64' LT	737.02	8.64' LT	737.50							11.00' RT	737.50	-1.69%	35.00' RT	737.09			
BEGIN SUPER ELEVATION RUNOFF	110+25.00	-2.00%	33.14' LT	737.45	9.14' LT	737.93							11.00' RT	737.92	-1.03%	35.00' RT	737.68			
	110+50.00	-2.00%	33.64' LT	737.85	9.64' LT	738.32							11.00' RT	738.32	-0.31%	35.00' RT	738.24			
	110+62.22	-2.00%	33.89' LT	738.03	9.88' LT	738.50							11.00' RT	738.50	0.00%	35.00' RT	738.50			
	110+75.00	-2.00%	34.14' LT	738.21	10.14' LT	738.68							11.00' RT	738.68	0.36%	35.00' RT	738.77			
REVERSE CROWN PC STATION	111+00.00	-2.00%	34.64' LT	738.54	10.64' L	739.01							11.00' RT	739.01	1.03%	35.00' RT	739.26			
	111+25.00	-2.00%	35.00' LT	738.82	11.00' LT	739.30							11.00' RT	739.30	1.74%	35.00' RT	739.72			
	111+34.35	-2.00%	35.00' LT	738.92	11.00' LT	739.40							11.00' RT	739.40	2.00%	35.00' RT	739.88			
	111+48.10	-2.38%	35.00' LT	738.97	11.00' LT	739.54							11.00' RT	739.54	2.38%	35.00' RT	740.11			
	111+50.00	-2.43%	35.00' LT	738.98	11.00' LT	739.56							11.00' RT	739.56	2.43%	35.00' RT	740.14			
BEGIN FULL SUPERELEVATION PI STATION	111+75.00	-3.12%	35.00' LT	739.05	11.00' LT	739.80							11.00' RT	739.79	3.12%	35.00' RT	740.54			
	111+85.00	-3.40%	35.00' LT	739.08	11.00' LT	739.89							11.00' RT	739.89	3.40%	35.00' RT	740.71			
	116+91.43	-3.40%	35.00' LT	741.84	11.00' LT	742.66				-1.50%	3.46' RT	742.78	11.00' RT	742.66	3.40%	35.00' RT	743.47		3.40%	42.04' RT
END FULL SUPERELEVATION	121+70.00	-3.40%	35.00' LT	739.41	11.00' LT	740.23				-1.50%	5.00' RT	740.47	11.00' RT	740.23	3.40%	35.43' RT	741.05			
	121+75.00	-3.26%	35.00' LT	739.42	11.00' LT	740.20				-1.50%	5.00' RT	740.44	11.00' RT	740.20	3.26%	35.00' RT	740.99			
	122+00.00	-2.57%	35.00' LT	739.41	11.00' LT	740.02				-1.50%	5.00' RT	740.27	11.00' RT	740.02	2.57%	35.00' RT	740.64			
PT STATION REVERSE CROWN	122+08.35	-2.35%	35.00' LT	739.4	11.00' LT	739.96				-1.50%	5.00' RT	740.21	11.00' RT	739.96	2.35%	35.00' RT	740.53			
	122+20.56	-2.00%	35.00' LT	739.39	11.00' LT	739.87				-1.50%	5.00' RT	740.10	11.00' RT	739.87	2.00%	35.00' RT	740.34			
	122+25.00	-2.00%	35.00' LT	739.35	11.00' LT	739.83				-1.50%	5.00' RT	740.07	11.00' RT	739.83	1.88%	35.00' RT	740.28			
	122+50.00	-2.00%	35.00' LT	739.14	11.00' LT	739.62				-1.50%	5.00' RT	739.86	11.00' RT	739.62	1.19%	35.00' RT	739.91			
	122+75.00	-2.00%	35.00' LT	738.91	11.00' LT	739.38				-1.50%	5.00' RT	739.62	11.00' RT	739.38	0.50%	35.00' RT	739.51			
END SUPER ELEVATION RUNOFF	122+93.00	-2.00%	35.00' LT	738.72	11.00' LT	739.20				-1.50%	5.00' RT	739.44	11.00' RT	739.20	0.00%	35.00' RT	739.20			
	123+00.00	-2.00%	35.00' LT	738.65	11.00' LT	739.13				-1.50%	5.00' RT	739.37	11.00' RT	739.13	-0.19%	35.00' RT	739.08			
	123+25.00	-2.00%	35.00' LT	738.38	11.00' LT	738.87				-1.50%	5.00' RT	739.11	11.00' RT	738.87	-0.89%	35.00' RT	738.65			
	123+50.00	-2.00%	35.00' LT	738.08	11.00' LT	738.57				-1.50%	3.33' RT	738.78	11.00' RT	738.57	-1.58%	35.00' RT	738.19			
END TANGENT RUNOUT	123+65.00	-2.00%	35.00' LT	737.91	11.00' LT	738.38				-1.50%	2.24' RT	738.57	11.00' RT	738.38	-2.00%	35.00' RT	737.90			

DESCRIPTION	STATION	LEFT EDGE OF S.B. TURN LANE			LEFT EDGE OF S.B. THROUGH LANE			LEFT PGL		LEFT EDGE OF N.B. TURN			RIGHT PGL		RIGHT EDGE OF N.B.			RIGHT EDGE OF N.B.			
		SLOPE	OFFSET	ELEV	SLOPE	OFFSET	ELEV	OFFSET	ELEV	SLOPE	OFFSET	ELEV	OFFSET	ELEV	SLOPE	OFFSET	ELEV	SLOPE	OFFSET	ELEV	
BEGIN TANGENT RUNOUT	127+65.00				-2.00%	35.00' LT	731.70	11.00' LT	732.18				11.00' RT	732.18	-2.00%	35.00' RT	731.70				
START OF ROTATION SOUTH BOUND LANE	127+75.00				-1.72%	35.00' LT	731.62	11.00' LT	732.02				11.00' RT	732.02	-2.00%	35.00' RT	731.54				
BEGIN SUPER ELEVATION RUNOFF	128+00.00				-1.03%	35.00' LT	731.44	11.00' LT	731.68				11.00' RT	731.68	-2.00%	35.00' RT	731.21				
	128+25.00				-0.33%	35.00' LT	731.30	11.00' LT	731.38				11.00' RT	731.38	-2.00%	35.00' RT	730.90				
	128+37.00				0.00%	35.00' LT	731.25	11.00' LT	731.25				11.00' RT	731.25	-2.00%	35.00' RT	730.77				
	128+50.00				0.35%	35.00' LT	731.20	11.00' LT	731.11				11.00' RT	731.11	-2.00%	35.00' RT	730.63				
	128+75.00				1.05%	35.00' LT	731.13	11.00' LT	730.88				11.00' RT	730.88	-2.00%	35.00' RT	730.40				
	129+00.00				1.74%	35.00' LT	731.10	11.00' LT	730.68				11.00' RT	730.68	-2.00%	35.00' RT	730.20				
REVERSE CROWN PC STATION	129+09.35				2.00%	35.00' LT	731.10	11.00' LT	730.62				11.00' RT	730.62	-2.00%	35.00' RT	730.14				
	129+20.26				2.30%	35.00' LT	731.11	11.00' LT	730.56				11.00' RT	730.56	-2.00%	35.00' RT	730.00				
	129+25.00				2.43%	35.00' LT	731.11	11.00' LT	730.53				11.00' RT	730.53	-2.43%	35.00' RT	729.94				
BEGIN FULL SUPERELEVATION PI STATION	129+50.00				3.12%	35.00' LT	731.16	11.00' LT	730.41				11.00' RT	730.41	-3.12%	35.00' RT	729.66				
	129+60.00				3.40%	35.00' LT	731.19	11.00' LT	730.37				11.00' RT	730.37	-3.40%	35.00' RT	729.56				
END FULL SUPERELEVATION	134+63.95				3.40%	35.00' LT	733.12	15.00' L	732.30			-3.40%	12.89' RT	732.38	15.00' R	732.30	-3.40%	39.00' RT	731.48		
	139+45.00				3.40%	62.15' LT	732.34	15.00' L	730.74				15.00' R	730.74	-3.40%	39.00' RT	729.92				
PT STATION REVERSE CROWN	139+50.00				3.28%	57.46' LT	732.15	15.00' L	730.72				15.00' R	730.72	-3.26%	39.00' RT	729.93				
	139+75.00	2.57%	51.00' LT	731.53	2.57%	39.00' LT	731.22	15.00' L	730.60	-2.59%	13.00' RT	730.65	15.00' R	730.60	-2.59%	39.00' RT	729.99				
	139+81.00	2.40%	51.00' LT	731.45	2.40%	39.00' LT	731.16	15.00' L	730.58	-2.40%	12.39' RT	730.64	15.00' R	730.58	-2.40%	39.00' RT	730.00				
	139+95.65	2.00%	51.00' LT	731.27	2.00%	39.00' LT	731.02	15.00' L	730.54	-1.50%	10.93' RT	730.60	15.00' R	730.54	-2.00%	39.00' RT	730.06				
	140+00.0	1.89%	51.00' LT	731.22	1.89%	39.00' LT	730.99	15.00' L	730.54	-1.50%	10.41' RT	730.60	15.00' R	730.54	-2.00%	39.00' RT	730.05				
END SUPER ELEVATION RUNOFF	140+25.00	1.20%	51.00' LT	730.94	1.20%	39.00' LT	730.79	15.00' L	730.51	-1.50%	7.82' RT	730.62	15.00' R	730.51	-2.00%	39.00' RT	730.02				
	140+50.00	0.47%	51.00' LT	730.70	0.47%	39.00' LT	730.64	15.00' L	730.51	-1.50%	5.22' RT	730.65	15.00' R	730.51	-2.00%	39.00' RT	730.03	-2.00%	39.53' RT	730.02	
	140+68.00	0.01%	51.00' LT	730.55	0.00%	39.00' LT	730.55	15.00' L	730.55	-1.50%	3.35' RT	730.65	15.00' R	730.55	-2.00%	39.00' RT	730.06	-2.00%	40.52' RT	730.03	
	140+75.00	-0.19%	51.00' LT	730.50	-0.19%	39.00' LT	730.52	15.00' L	730.57	-1.50%	2.62' RT	730.75	15.00' R	730.57	-2.00%	39.00' RT	730.08	-2.00%	40.90' RT	730.04	
END TANGENT RUNOUT	141+00.00	-0.92%	51.00' LT	730.33	-0.92%	39.00' LT	730.44	15.00' L	730.66	-1.50%	0.02' RT	730.88	15.00' R	730.66	-2.00%	39.00' RT	730.18	-2.00%	42.26' RT	730.09	
	141+25.00	-1.58%	51.00' LT	730.21	-1.58%	39.00' LT	730.40	15.00' L	730.78	-1.50%	2.57' LT	731.04	15.00' R	730.78	-2.00%	39.00' RT	730.30	-2.00%	43.62' RT	730.18	
	141+40.00	-2.50%	51.00' LT	730.09	-2.00%	39.00' LT	730.39	15.00' L	730.88	-1.50%	4.13' LT	731.16	15.00' R	730.88	-2.00%	39.00' RT	730.40	-2.00%	44.44' RT	730.26	

USER NAME = 35361	DESIGNED FZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUPERELEVATION TABLES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN FZ	REVISED	344						39 R	LAKE	510	273	
PLOT SCALE = 1:8000' / in.	CHECKED MO	REVISED		SCALE:				CONTRACT NO. 60T75				
PLOT DATE = 9/												

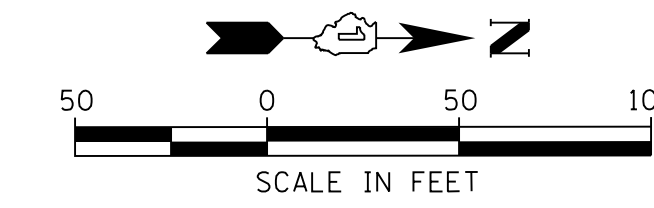
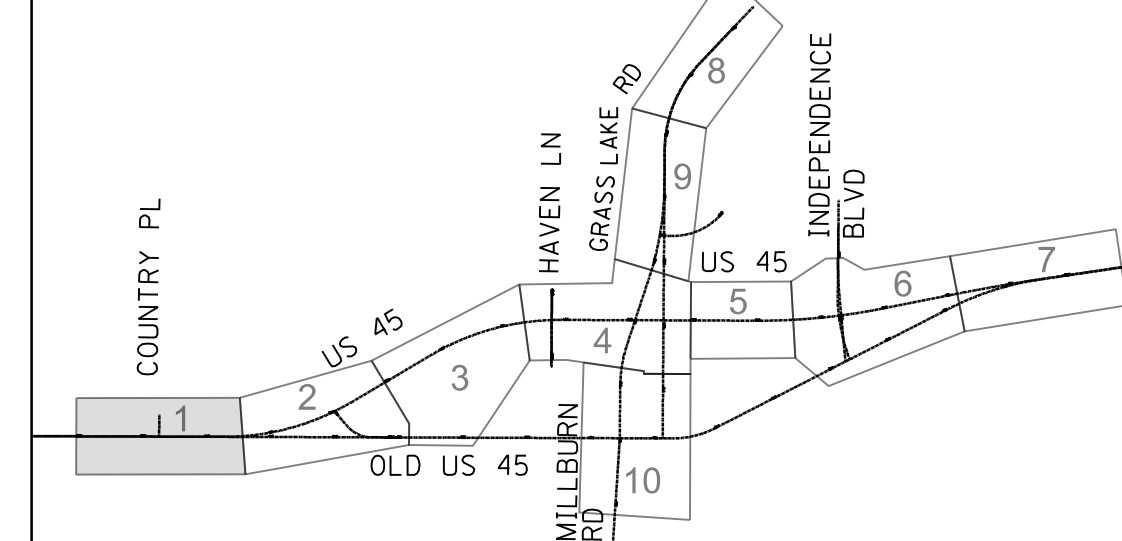
PAVEMENT MARKING & SIGNING NOTES

- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD.
- FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
- POLYUREA SHALL BE USED ON CONCRETE, THERMOPLASTIC SHOULD BE USED ON ASPHALT.
- REFERENCE IDOT STANDARD DETAIL 780001 AND LCDOT STANDARD DETAIL LC7800.
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE B SHALL BE USED ON ASPHALT.

SIGNING LEGEND

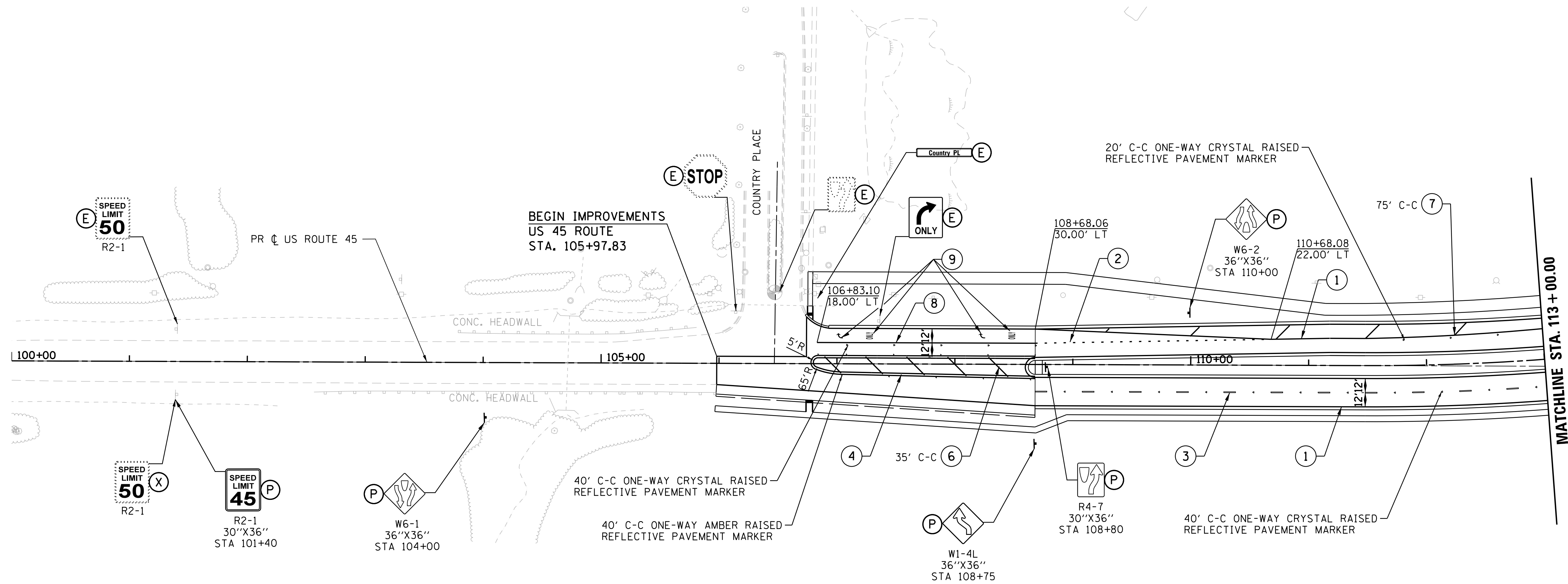
- (E) EXISTING SIGN TO REMAIN IN PLACE
- (X) EXISTING SIGN TO BE REMOVED
- (R) EXISTING SIGN TO BE RELOCATED
- (P) PROPOSED GROUND SIGN

SHEET LOCATION MAP



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	
	DATE	



PAVEMENT MARKING LEGEND

- | | |
|---|---|
| (1) POLYUREA PM T1 LN 4 - WHITE, GRV RCSD PVT MRKG 5 | (13) THPL PVT MK LINE 4 - YELLOW DOUBLE LINE, GRV RCSD PVT MRKG 5 |
| (2) POLYUREA PM T1 LN 6 - WHITE (2' DASH/6' SKIP), GRV RCSD PVT MRKG 7 | (14) THPL PVT MK LINE 4 - YELLOW, GRV RCSD PVT MRKG 5 |
| (3) PREF PL PM TB LINE 7 - WHITE (10' DASH/30' SKIP), GRV RCSD PVT MRKG 8 | (15) THPL PVT MK LINE 12 - YELLOW AT 45 DEGREES, GRV RCSD PVT MRKG 13 |
| (4) POLYUREA PM T1 LN 4 - DOUBLE YELLOW, GRV RCSD PVT MRKG 5 | (16) THPL PVT MK LINE 12 - WHITE AT 90 DEGREES, GRV RCSD PVT MRKG 13 |
| (5) POLYUREA PM T1 LN 4 - YELLOW, GRV RCSD PVT MRKG 5 | (17) THPL PVT MK LINE 6 - WHITE, GRV RCSD PVT MRKG 7 |
| (6) POLYUREA PM T1 LN 12 - YELLOW AT 45 DEGREES, GRV RCSD PVT MRKG 13 | (18) THPL PCT MK LTR & SYM, GRV RCSD PM LTR & SYM |
| (7) POLYUREA PM T1 LN 12 - WHITE, GRV RCSD PVT MRKG 13 | (19) THPL PVT MK LINE 24 - WHITE STOP BAR, GRV RCSD PVT MRKG 25 |
| (8) POLYUREA PM T1 LN 6 - WHITE, GRV RCSD PVT MRKG 7 | (20) POLYUREA PM T1 LN 24 - WHITE STOP BAR, GRV RCSD PVT MRKG 25 |
| (9) POLYUREA PM T1 LTR-SYM, GRV RCSD PM LTR & SYM | ◆ RECESSED PAVEMENT MARKER, DOUBLE YELLOW (TWO-WAY AMBER) |
| (10) THPL PVT MK LINE 5 - WHITE, GRV RCSD PVT MARKG 6 | ◀ RECESSED PAVEMENT MARKER, WHITE AND RED (ONE-WAY CRYSTAL) |
| (11) THPL PVT MK LINE 6 - WHITE (2' DASH/6' SKIP), GRV RCSD PVT MARKG 7 | ◀ RAISED PAVEMENT MARKER (ONE-WAY AMBER) |
| (12) THPL PVT MK LINE 4 - WHITE (10' DASH/30' SKIP), GRV RCSD PVT MARKG 5 | ◀ RAISED PAVEMENT MARKER (ONE-WAY CRYSTAL) |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS
US ROUTE 45**

USER NAME = 35361	DESIGNED BN	REVISED -
PLOT SCALE = 50.0000' / in.	DRAWN BN	REVISED
PLOT DATE = 9/14/2017	CHECKED FZ	REVISED
	DATE 02/02/2017	REVISED

SCALE: 1"=50' SHEET 1 OF 10 SHEETS STA. 100+00 TO STA. 113+00

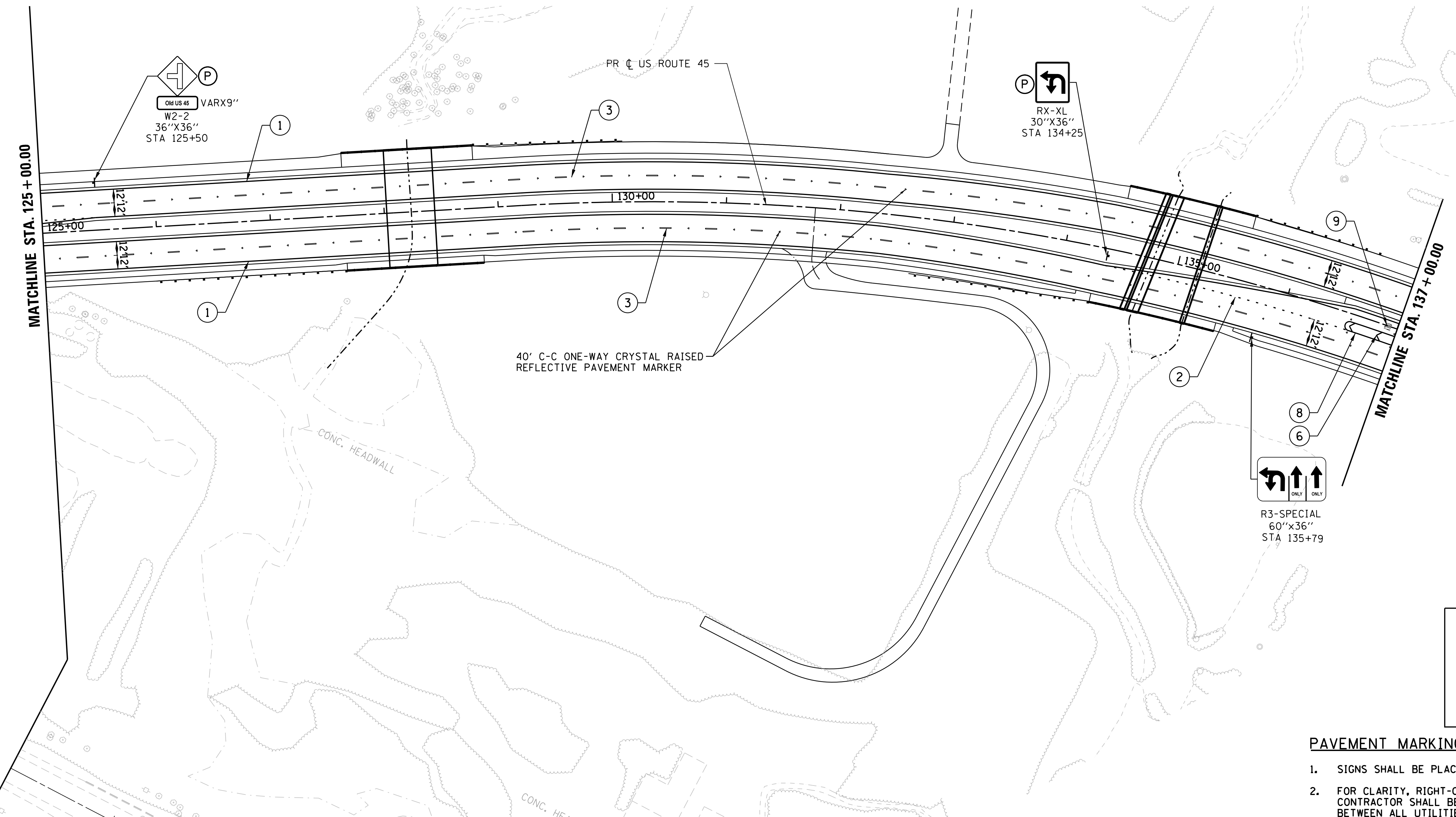
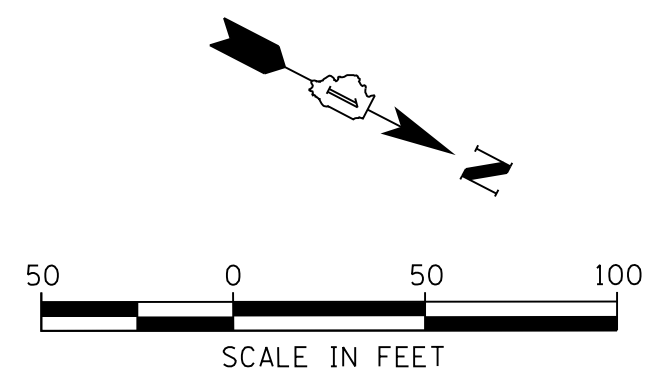
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	276
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

FILE NAME = p:\v\l\ed2\p\m\01\person\com\illinois State Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\1160775.sht.pmk_01.dgn

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	PLOTTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		

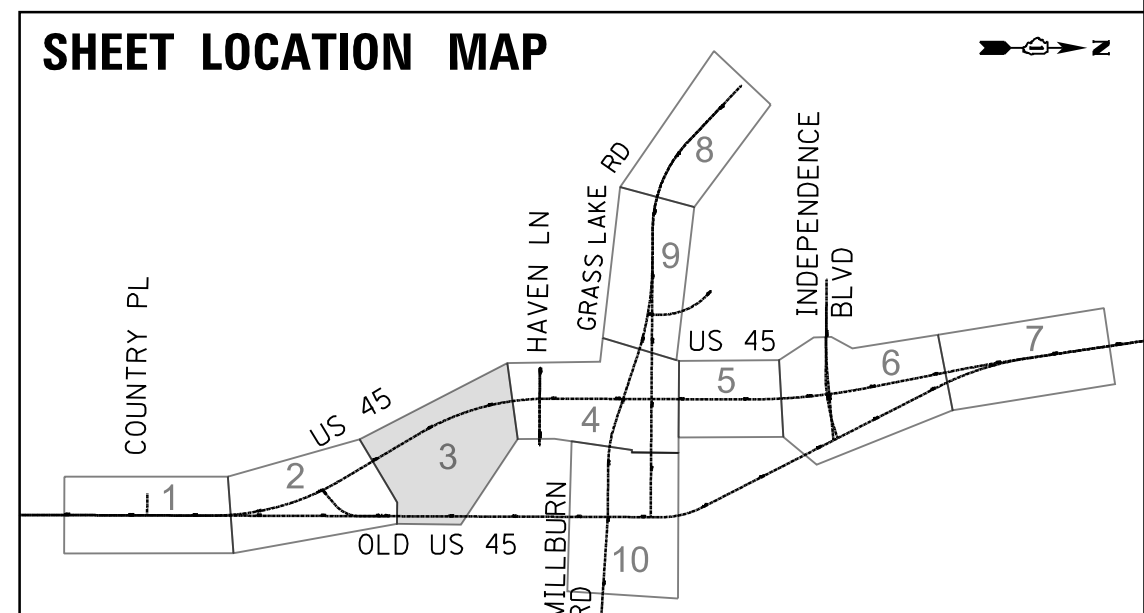
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SIGNING LEGEND	
(E)	EXISTING SIGN TO REMAIN IN PLACE
(X)	EXISTING SIGN TO BE REMOVED
(R)	EXISTING SIGN TO BE RELOCATED
(P)	PROPOSED GROUND SIGN

PAVEMENT MARKING & SIGNING NOTES

- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD.
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- POLYUREA SHALL BE USED ON CONCRETE, THERMOPLASTIC SHOULD BE USED ON ASPHALT.
- REFERENCE IDOT STANDARD DETAIL 780001 AND LCDOT STANDARD DETAIL LC7800.
- PERFORMED PLASTIC PAVEMENT MARKING, TYPE B SHALL BE CONTRAST PAVEMENT MARKINGS.



PAVEMENT MARKING LEGEND	
①	POLYUREA PM T1 LN 4 - WHITE, GRV RCSD PVT MRKG 5
②	POLYUREA PM T1 LN 6 - WHITE (2' DASH/6' SKIP), GRV RCSD PVT MRKG 7
③	PREF PL PM TB LINE 7 - WHITE (10' DASH/30' SKIP), GRV RCSD PVT MRKG 8
④	POLYUREA PM T1 LN 4 - DOUBLE YELLOW, GRV RCSD PVT MRKG 5
⑤	POLYUREA PM T1 LN 4 - YELLOW, GRV RCSD PVT MRKG 5
⑥	POLYUREA PM T1 LN 12 - YELLOW AT 45 DEGREES, GRV RCSD PVT MRKG 13
⑦	POLYUREA PM T1 LN 12 - WHITE, GRV RCSD PVT MRKG 13
⑧	POLYUREA PM T1 LN 6 - WHITE, GRV RCSD PVT MRKG 7
⑨	POLYUREA PM T1 LTR-SY, GRV RCSD PM LTR & SYM
⑩	THPL PVT MK LINE 5 - WHITE, GRV RCSD PVT MARKG 6
⑪	THPL PVT MK LINE 6 - WHITE (2' DASH/6' SKIP), GRV RCSD PVT MARKG 7
⑫	THPL PVT MK LINE 4 - WHITE (10' DASH/30' SKIP), GRV RCSD PVT MARKG 5
⑬	THPL PVT MK LINE 4 - YELLOW DOUBLE LINE, GRV RCSD PVT MRKG 5
⑭	THPL PVT MK LINE 4 - YELLOW, GRV RCSD PVT MRKG 5
⑮	THPL PVT MK LINE 12 - YELLOW AT 45 DEGREES, GRV RCSD PVT MRKG 13
⑯	THPL PVT MK LINE 12 - WHITE AT 90 DEGREES, GRV RCSD PVT MRKG 13
⑰	THPL PVT MK LINE 6 - WHITE, GRV RCSD PVT MRKG 7
⑱	THPL PCT MK LTR & SYM, GRV RCSD PM LTR & SYM
⑲	THPL PVT MK LINE 24 - WHITE STOP BAR, GRV RCSD PVT MRKG 25
⑳	POLYUREA PM T1 LN 24 - WHITE STOP BAR, GRV RCSD PVT MRKG 25
◆	RECESSED PAVEMENT MARKER, DOUBLE YELLOW (TWO-WAY AMBER)
◁	RECESSED PAVEMENT MARKER, WHITE AND RED (ONE-WAY CRYSTAL)
◀	RAISED PAVEMENT MARKER (ONE-WAY AMBER)
◁	RAISED PAVEMENT MARKER (ONE-WAY CRYSTAL)

USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=50'		SHEET 3 OF 10 SHEETS	STA. 125+00 TO STA. 137+00
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**PAVEMENT MARKING AND SIGNING PLANS
US ROUTE 45**

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 278
CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT

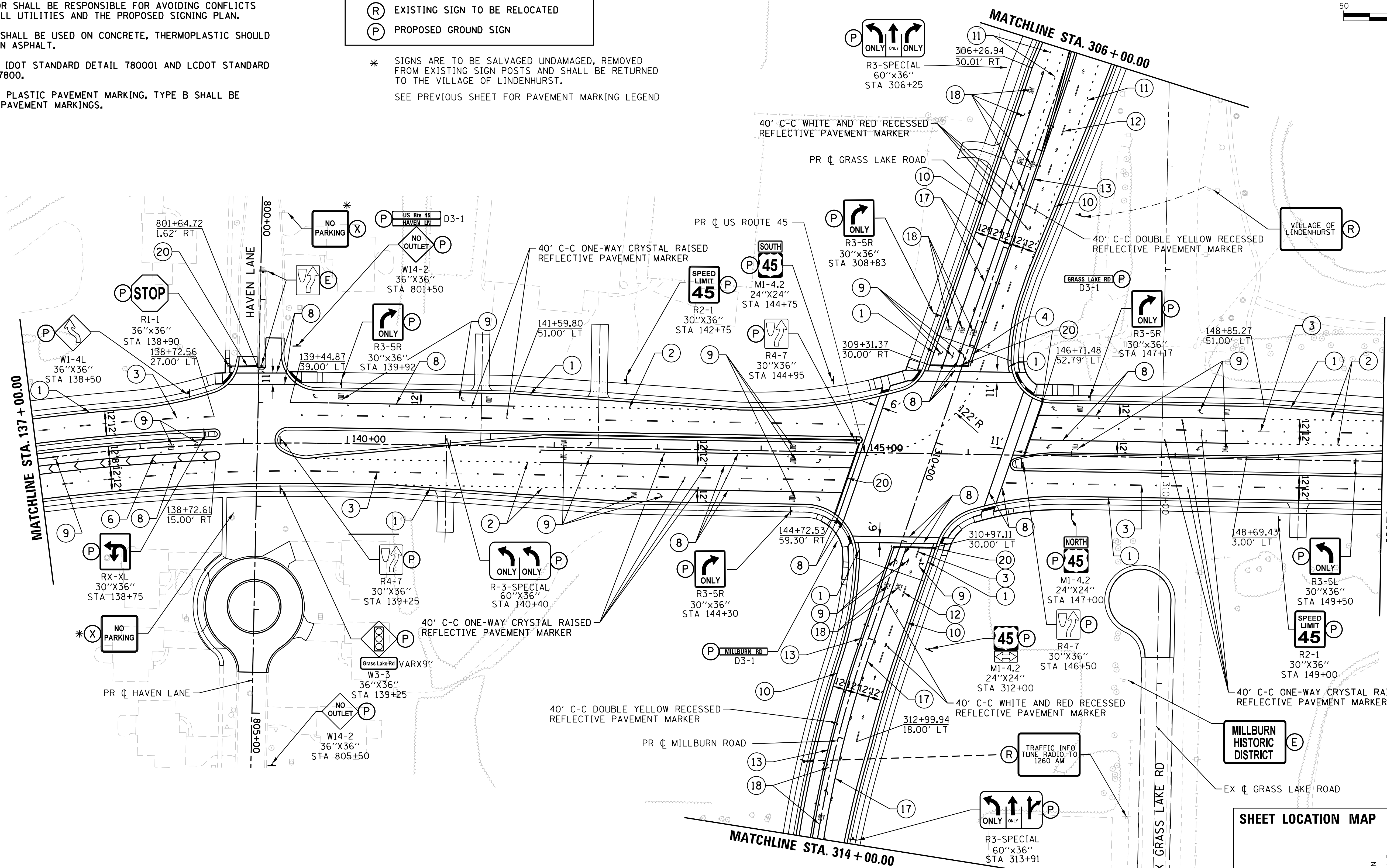
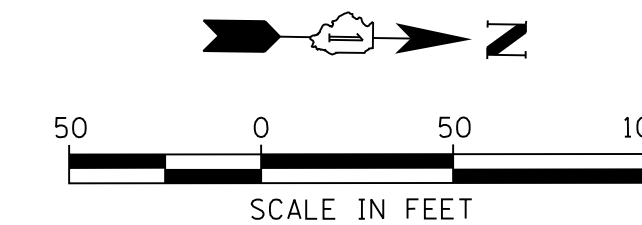
PAVEMENT MARKING & SIGNING NOTES

- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD.
- FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
- POLYUREA SHALL BE USED ON CONCRETE, THERMOPLASTIC SHOULD BE USED ON ASPHALT.
- REFERENCE IDOT STANDARD DETAIL 780001 AND LCDOT STANDARD DETAIL LC7800.
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE B SHALL BE USED ON CONTRAST PAVEMENT MARKINGS.

SIGNING LEGEND

- (E) EXISTING SIGN TO REMAIN IN PLACE
- (X) EXISTING SIGN TO BE REMOVED
- (R) EXISTING SIGN TO BE RELOCATED
- (P) PROPOSED GROUND SIGN

* SIGNS ARE TO BE SALVAGED UNDAMAGED, REMOVED FROM EXISTING SIGN POSTS AND SHALL BE RETURNED TO THE VILLAGE OF LINDENHURST.
SEE PREVIOUS SHEET FOR PAVEMENT MARKING LEGEND



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE	
	NOTATRS	
	CHKD	
	NO.	

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USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS
US ROUTE 45**
SCALE: 1"=50' SHEET 4 OF 10 SHEETS STA. 137+00 TO STA. 150+00

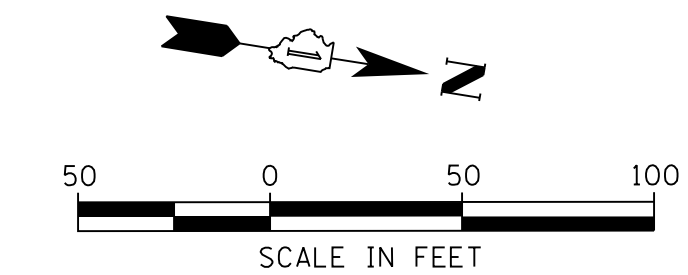
F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 279
CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT

PAVEMENT MARKING & SIGNING NOTES

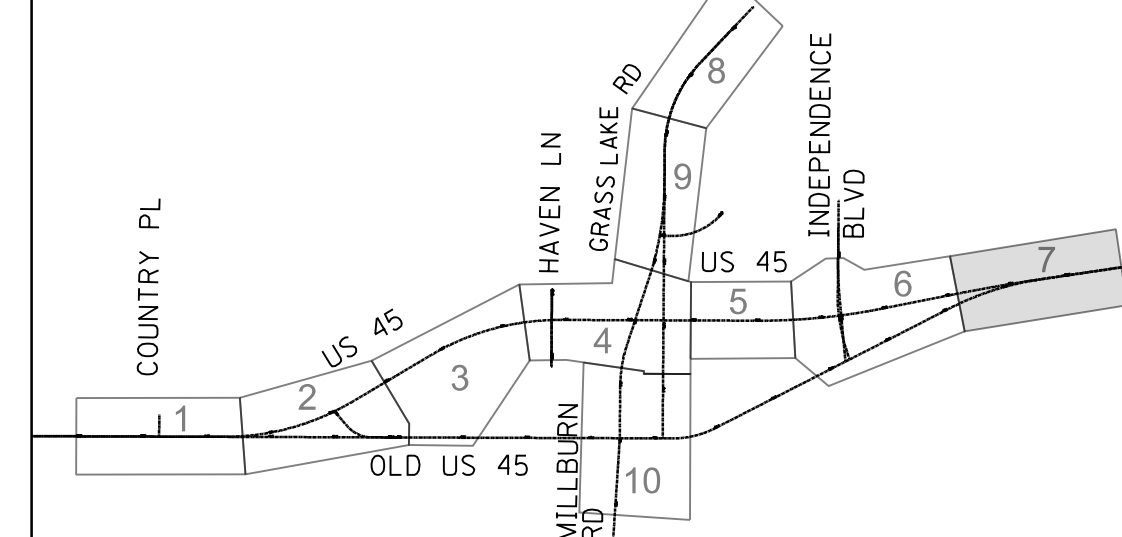
- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD.
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- PREFORMED PLASTIC PAVEMENT MARKING, TYPE B SHALL BE CONTRAST PAVEMENT MARKINGS.

SIGNING LEGEND

- (E) EXISTING SIGN TO REMAIN IN PLACE
- (X) EXISTING SIGN TO BE REMOVED
- (R) EXISTING SIGN TO BE RELOCATED
- (P) PROPOSED GROUND SIGN



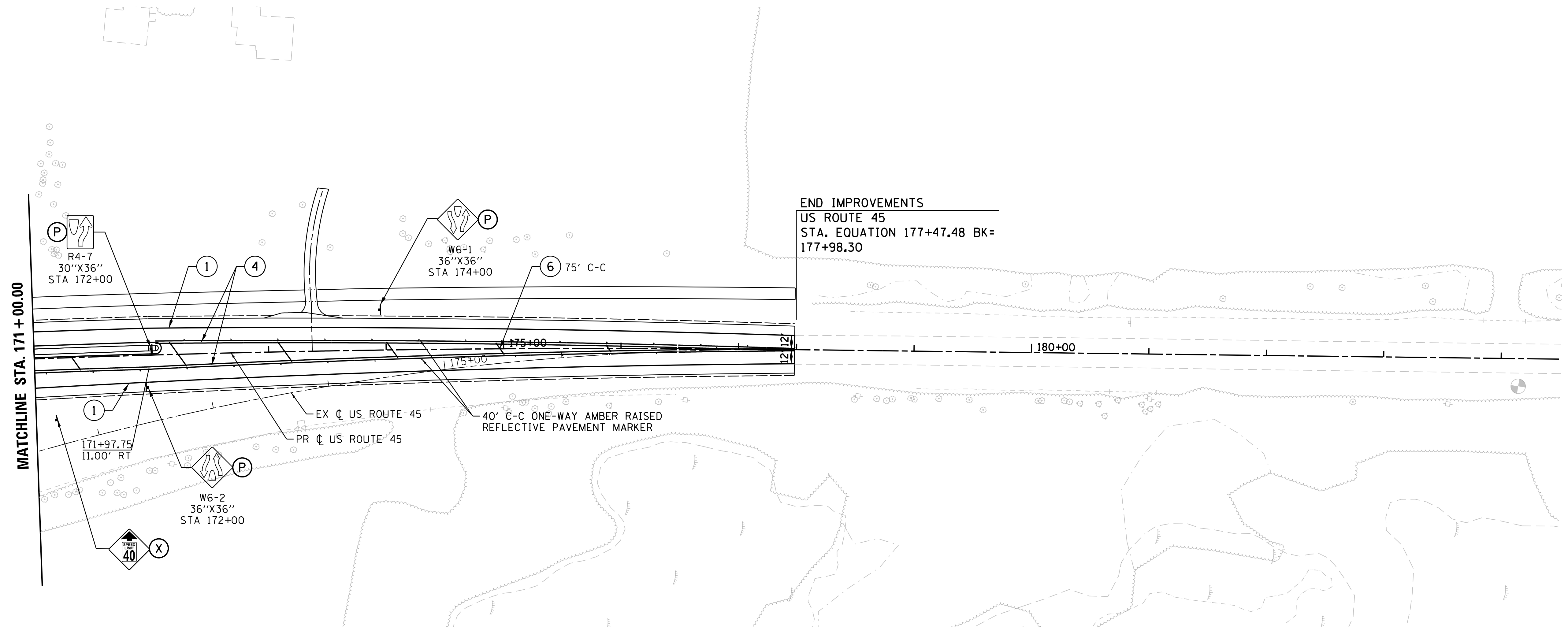
SHEET LOCATION MAP



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	AT	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE	
	NOT AT THIS CHECK	

FILE NAME = p:\v\l\p02\p02\person\com\illinois State\Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\DI60775.shx.pmk_07.dgn



END IMPROVEMENTS
 US ROUTE 45
 STA. EQUATION 177+47.48 BK=
 177+98.30

PAVEMENT MARKING LEGEND

- | | |
|---|---|
| (1) POLYUREA PM T1 LN 4 - WHITE, GRV RCSD PVT MRKG 5 | (13) THPL PVT MK LINE 4 - YELLOW DOUBLE LINE, GRV RCSD PVT MRKG 5 |
| (2) POLYUREA PM T1 LN 6 - WHITE (2' DASH/6' SKIP), GRV RCSD PVT MRKG 7 | (14) THPL PVT MK LINE 4 - YELLOW, GRV RCSD PVT MRKG 5 |
| (3) PREF PL PM TB LINE 7 - WHITE (10' DASH/30' SKIP), GRV RCSD PVT MRKG 8 | (15) THPL PVT MK LINE 12 - YELLOW AT 45 DEGREES, GRV RCSD PVT MRKG 13 |
| (4) POLYUREA PM T1 LN 4 - DOUBLE YELLOW, GRV RCSD PVT MRKG 5 | (16) THPL PVT MK LINE 12 - WHITE AT 90 DEGREES, GRV RCSD PVT MRKG 13 |
| (5) POLYUREA PM T1 LN 4 - YELLOW, GRV RCSD PVT MRKG 5 | (17) THPL PVT MK LINE 6 - WHITE, GRV RCSD PVT MRKG 7 |
| (6) POLYUREA PM T1 LN 12 - YELLOW AT 45 DEGREES, GRV RCSD PVT MRKG 13 | (18) THPL PCT MK LTR & SYM, GRV RCSD PM LTR & SYM |
| (7) POLYUREA PM T1 LN 12 - WHITE, GRV RCSD PVT MRKG 13 | (19) THPL PVT MK LINE 24 - WHITE STOP BAR, GRV RCSD PVT MRKG 25 |
| (8) POLYUREA PM T1 LN 6 - WHITE, GRV RCSD PVT MRKG 7 | (20) POLYUREA PM T1 LN 24 - WHITE STOP BAR, GRV RCSD PVT MRKG 25 |
| (9) POLYUREA PM T1 LTR-SY, GRV RCSD PM LTR & SYM | ◆ RECESSED PAVEMENT MARKER, DOUBLE YELLOW (TWO-WAY AMBER) |
| (10) THPL PVT MK LINE 5 - WHITE, GRV RCSD PVT MARKG 6 | ◀ RECESSED PAVEMENT MARKER, WHITE AND RED (ONE-WAY CRYSTAL) |
| (11) THPL PVT MK LINE 6 - WHITE (2' DASH/6' SKIP), GRV RCSD PVT MARKG 7 | ◀ RAISED PAVEMENT MARKER (ONE-WAY AMBER) |
| (12) THPL PVT MK LINE 4 - WHITE (10' DASH/30' SKIP), GRV RCSD PVT MARKG 5 | ◀ RAISED PAVEMENT MARKER (ONE-WAY CRYSTAL) |

USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS
 US ROUTE 45**

SCALE: 1"=50' SHEET 7 OF 10 SHEETS STA. 171+00 TO STA. 178+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	282
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

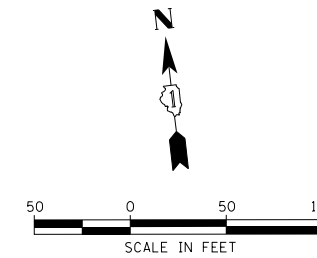
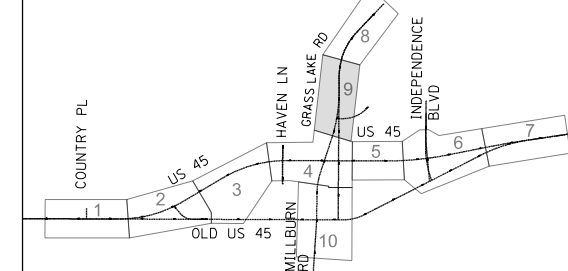
PAVEMENT MARKING & SIGNING NOTES

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- PREFORMED PLASTIC PAVEMENT MARKING, TYPE B SHALL BE USED ON ASPHALT.

SIGNING LEGEND

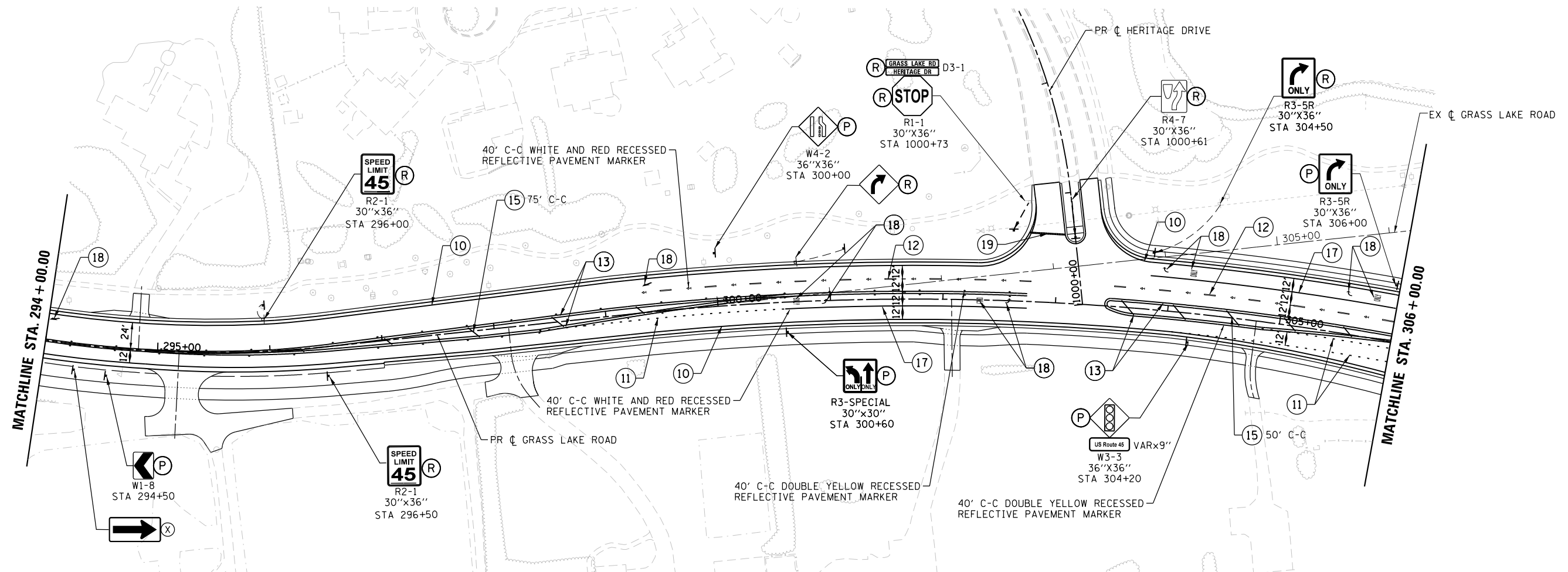
- (E) EXISTING SIGN TO REMAIN IN PLACE
- (X) EXISTING SIGN TO BE REMOVED
- (R) EXISTING SIGN TO BE RELOCATED
- (P) PROPOSED GROUND SIGN

SHEET LOCATION MAP



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTED	
	NO.	



PAVEMENT MARKING LEGEND

- ① POLYUREA PM T1 LN 4 - WHITE, GRV RCSD PVT MRKG 5
- ② POLYUREA PM T1 LN 6 - WHITE (2' DASH/6' SKIP), GRV RCSD PVT MRKG 7
- ③ PREF PL PM TB LINE 7 - WHITE (10' DASH/30' SKIP), GRV RCSD PVT MRKG 8
- ④ POLYUREA PM T1 LN 4 - DOUBLE YELLOW, GRV RCSD PVT MRKG 5
- ⑤ POLYUREA PM T1 LN 4 - YELLOW, GRV RCSD PVT MRKG 5
- ⑥ POLYUREA PM T1 LN 12 - YELLOW AT 45 DEGREES, GRV RCSD PVT MRKG 13
- ⑦ POLYUREA PM T1 LN 12 - WHITE, GRV RCSD PVT MRKG 13
- ⑧ POLYUREA PM T1 LN 6 - WHITE, GRV RCSD PVT MRKG 7
- ⑨ POLYUREA PM T1 LTR-SY, GRV RCSD PM LTR & SYM
- ⑩ THPL PVT MK LINE 5 - WHITE, GRV RCSD PVT MARKG 6
- ⑪ THPL PVT MK LINE 6 - WHITE (2' DASH/6' SKIP), GRV RCSD PVT MARKG 7
- ⑫ THPL PVT MK LINE 4 - WHITE (10' DASH/30' SKIP), GRV RCSD PVT MARKG 5
- ⑬ THPL PVT MK LINE 4 - YELLOW DOUBLE LINE, GRV RCSD PVT MRKG 5
- ⑭ THPL PVT MK LINE 4 - YELLOW, GRV RCSD PVT MRKG 5
- ⑮ THPL PVT MK LINE 12 - YELLOW AT 45 DEGREES, GRV RCSD PVT MRKG 13
- ⑯ THPL PVT MK LINE 12 - WHITE AT 90 DEGREES, GRV RCSD PVT MRKG 13
- ⑰ THPL PVT MK LINE 6 - WHITE, GRV RCSD PVT MRKG 7
- ⑱ THPL PCT MK LTR & SYM, GRV RCSD PM LTR & SYM
- ⑲ THPL PVT MK LINE 24 - WHITE STOP BAR, GRV RCSD PVT MRKG 25
- ⑳ POLYUREA PM T1 LN 24 - WHITE STOP BAR, GRV RCSD PVT MRKG 25
- ◆ RECESSED PAVEMENT MARKER, DOUBLE YELLOW (TWO-WAY AMBER)
- ◀ RECESSED PAVEMENT MARKER, WHITE AND RED (ONE-WAY CRYSTAL)
- ◀ RAISED PAVEMENT MARKER (ONE-WAY AMBER)
- ◀ RAISED PAVEMENT MARKER (ONE-WAY CRYSTAL)

USER NAME = P0027446	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 100.0000' / 1"	CHECKED FZ	REVISED
PLOT DATE = 3/14/2018	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS
GRASS LAKE ROAD**

SCALE: 1"=50' SHEET 9 OF 10 SHEETS STA. 294+00 TO STA. 304+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	284
CONTRACT NO. 60775			ILLINOIS FED. AID PROJECT	

FILE NAME = p:\v\win\p\win\01\parsons.com\illinois\State Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheet\0160775-shk-pmk_09.dgn

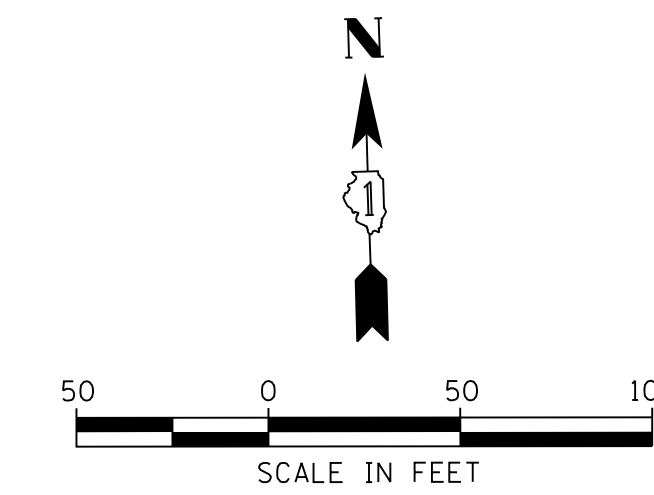
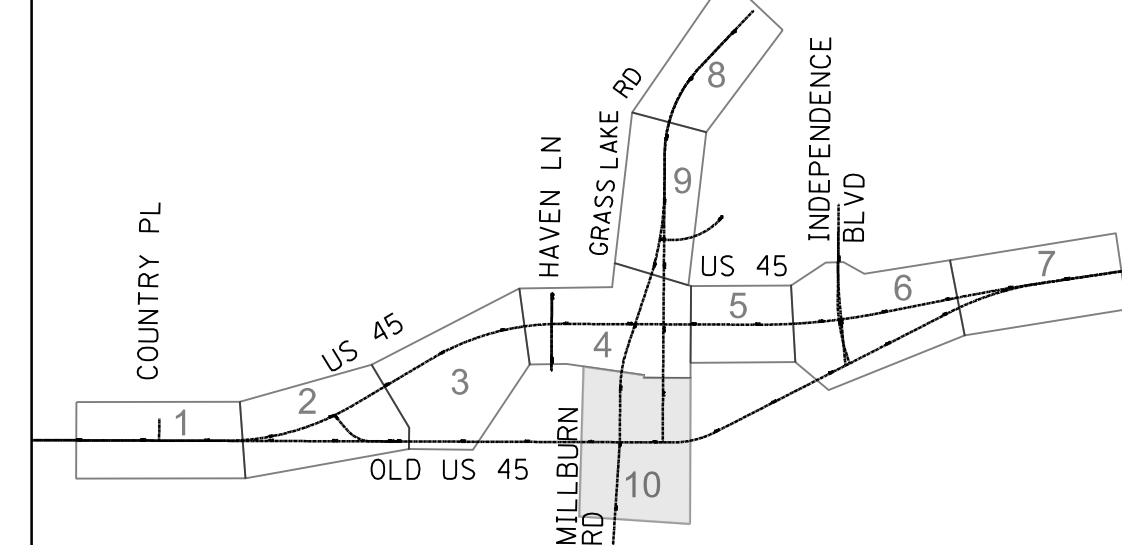
PAVEMENT MARKING & SIGNING NOTES

- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD.
- FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
- POLYUREA SHALL BE USED ON CONCRETE, THERMOPLASTIC SHOULD BE USED ON ASPHALT.
- REFERENCE IDOT STANDARD DETAIL 780001 AND LCDOT STANDARD DETAIL LC7800.
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE B SHALL BE CONTRAST PAVEMENT MARKINGS.

SIGNING LEGEND

- (E) EXISTING SIGN TO REMAIN IN PLACE
- (X) EXISTING SIGN TO BE REMOVED
- (R) EXISTING SIGN TO BE RELOCATED
- (P) PROPOSED GROUND SIGN

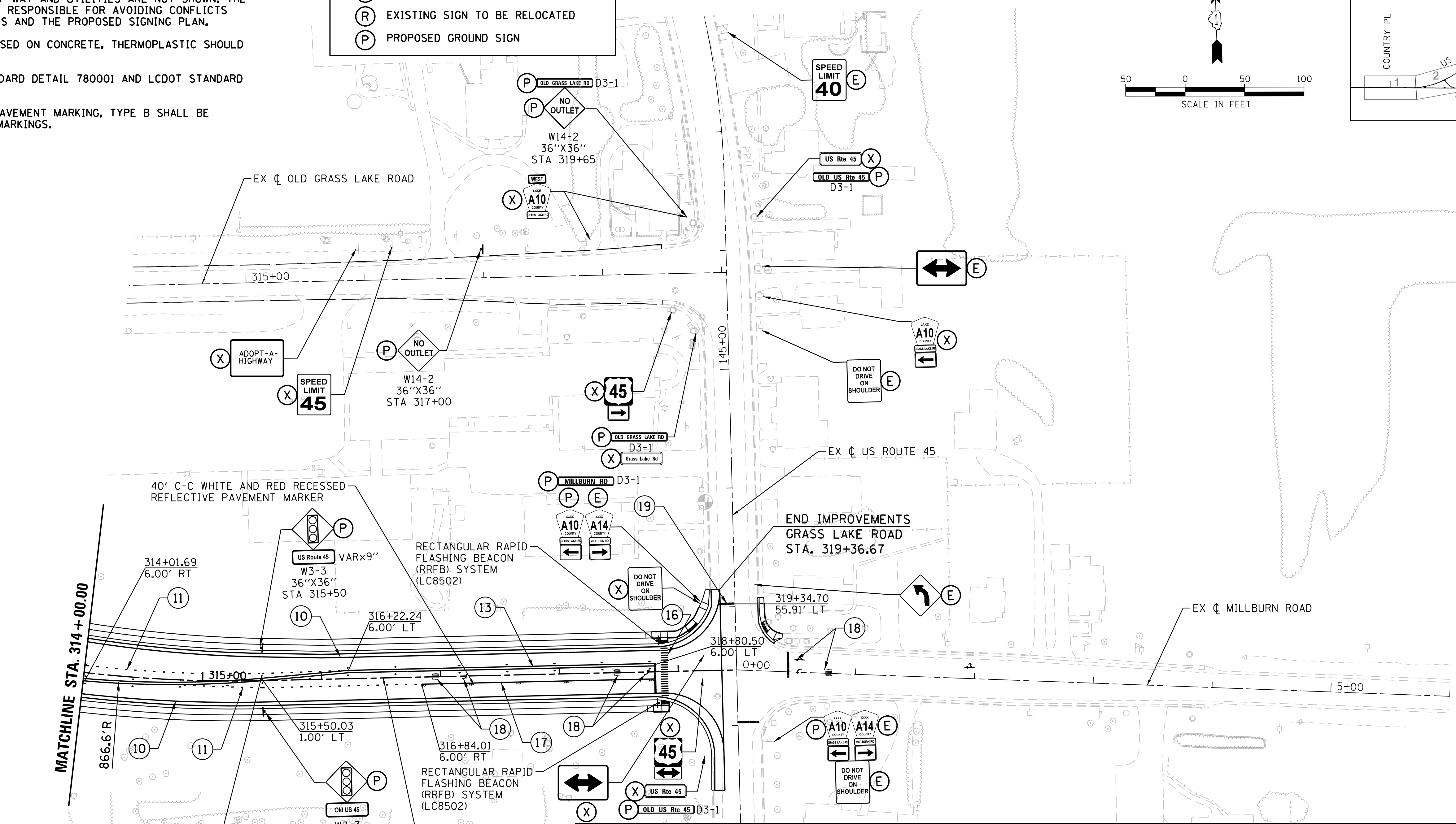
SHEET LOCATION MAP



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	AT	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	

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PAVEMENT MARKING LEGEND

- | | |
|---|---|
| <ul style="list-style-type: none"> ① POLYUREA PM T1 LN 4 - WHITE, GRV RCSD PVT MRKG 5 ② POLYUREA PM T1 LN 6 - WHITE (2' DASH/6' SKIP), GRV RCSD PVT MRKG 7 ③ PREF PL PM TB LINE 7 - WHITE (10' DASH/30' SKIP), GRV RCSD PVT MRKG 8 ④ POLYUREA PM T1 LN 4 - DOUBLE YELLOW, GRV RCSD PVT MRKG 5 ⑤ POLYUREA PM T1 LN 4 - YELLOW, GRV RCSD PVT MRKG 5 ⑥ POLYUREA PM T1 LN 12 - YELLOW AT 45 DEGREES, GRV RCSD PVT MRKG 13 ⑦ POLYUREA PM T1 LN 12 - WHITE, GRV RCSD PVT MRKG 13 ⑧ POLYUREA PM T1 LN 6 - WHITE, GRV RCSD PVT MRKG 7 ⑨ POLYUREA PM T1 LTR-SY, GRV RCSD PM LTR & SYM ⑩ THPL PVT MK LINE 5 - WHITE, GRV RCSD PVT MARKG 6 ⑪ THPL PVT MK LINE 6 - WHITE (2' DASH/6' SKIP), GRV RCSD PVT MARKG 7 ⑫ THPL PVT MK LINE 4 - WHITE (10' DASH/30' SKIP), GRV RCSD PVT MARKG 5 | <ul style="list-style-type: none"> ⑬ THPL PVT MK LINE 4 - YELLOW DOUBLE LINE, GRV RCSD PVT MRKG 5 ⑭ THPL PVT MK LINE 4 - YELLOW, GRV RCSD PVT MRKG 5 ⑮ THPL PVT MK LINE 12 - YELLOW AT 45 DEGREES, GRV RCSD PVT MRKG 13 ⑯ THPL PVT MK LINE 12 - WHITE AT 90 DEGREES, GRV RCSD PVT MRKG 13 ⑰ THPL PVT MK LINE 6 - WHITE, GRV RCSD PVT MRKG 7 ⑱ THPL PCT MK LTR & SYM, GRV RCSD PM LTR & SYM ⑲ THPL PVT MK LINE 24 - WHITE STOP BAR, GRV RCSD PVT MRKG 25 ⑳ POLYUREA PM T1 LN 24 - WHITE STOP BAR, GRV RCSD PVT MRKG 25 ◆ RECESSED PAVEMENT MARKER, DOUBLE YELLOW (TWO-WAY AMBER) ◀ RECESSED PAVEMENT MARKER, WHITE AND RED (ONE-WAY CRYSTAL) ◀ RAISED PAVEMENT MARKER (ONE-WAY AMBER) ◀ RAISED PAVEMENT MARKER (ONE-WAY CRYSTAL) |
|---|---|

USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 12/6/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

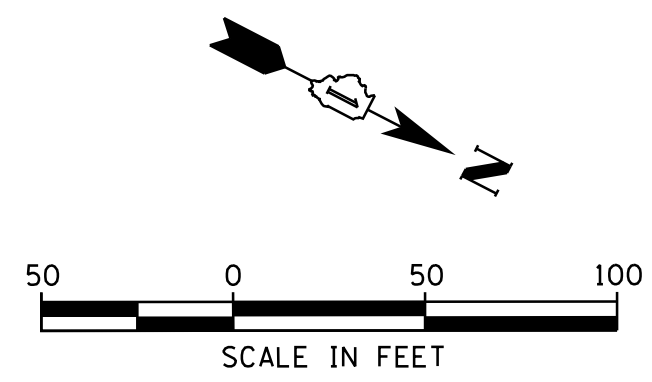
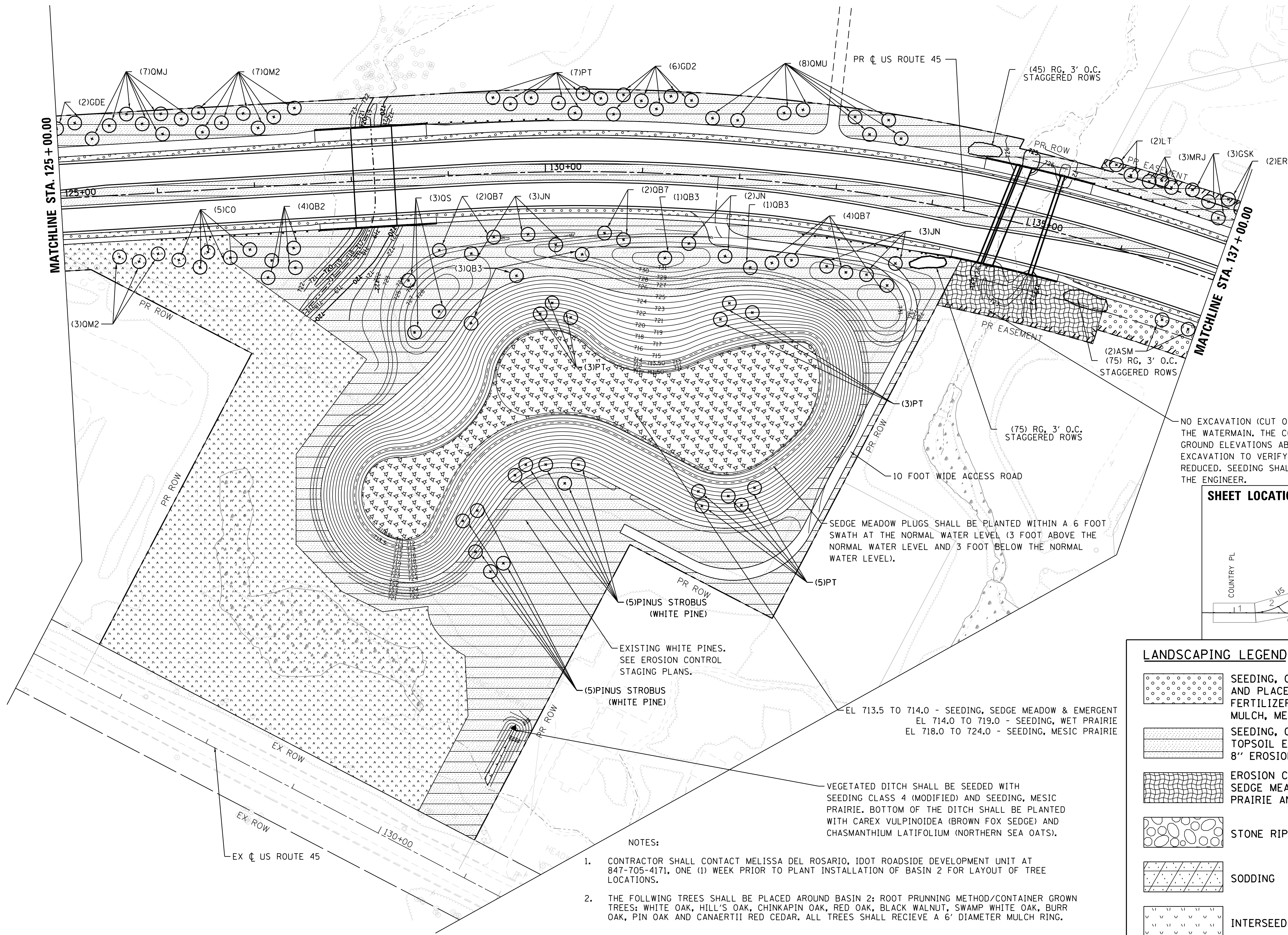
**PAVEMENT MARKING AND SIGNING PLANS
GRASS LAKE ROAD**
SCALE: 1"=50' SHEET 10 OF 10 SHEETS STA. 314+00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	285
CONTRACT NO. 60775			ILLINOIS FED. AID PROJECT	

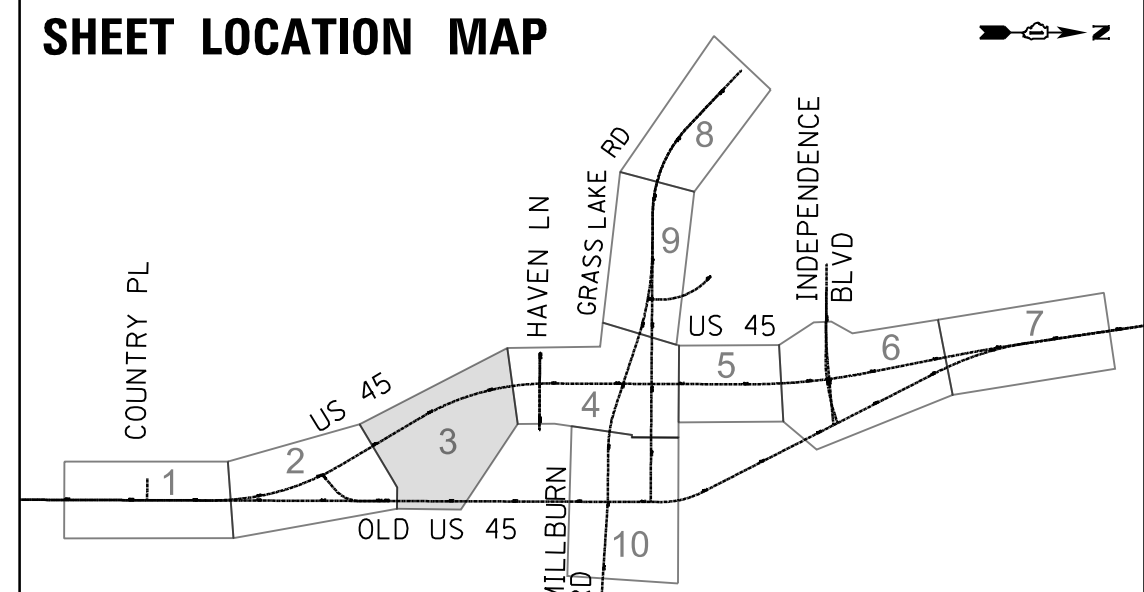
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	FILED		
NOTE BOOK NO.	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
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	CHECKED		
	GRADES		
	STRUCTURE		
NOTE BOOK NO.	NOTATRS CHKD		

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NO EXCAVATION (CUT OR FILL) IS ALLOWED ABOVE OR BEYOND THE WATERMAIN. THE CONTRACTOR SHALL DETERMINE THE GROUND ELEVATIONS ABOVE THE WATERMAIN BEFORE AND AFTER EXCAVATION TO VERIFY THE WATERMAIN COVER HAS NOT BEEN REDUCED. SEEDING SHALL NOT BE PLACED UNTIL APPROVED BY THE ENGINEER.



LANDSCAPING LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXCAVATION AND PLACE, 8" NITROGEN AND POTASSIUM FERTILIZER NUTRIENTS (90 LBS/ACRE EACH) MULCH, METHOD 3
	SEEDING, CLASS 4 (MODIFIED) TOPSOIL EXCAVATION AND PLACE, 8" EROSION CONTROL BLANKET
	EROSION CONTROL BLANKET (SPECIAL) SEDGE MEADOW & EMERGENT, WET PRAIRIE AND MESIC PRAIRIE SEEDING
	STONE RIPRAP
	SODDING
	INTERSEEDING, CLASS 4
	PROPOSED SHADE TREE

- NOTES:
- CONTRACTOR SHALL CONTACT MELISSA DEL ROSARIO, IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171, ONE (1) WEEK PRIOR TO PLANT INSTALLATION OF BASIN 2 FOR LAYOUT OF TREE LOCATIONS.
 - THE FOLLOWING TREES SHALL BE PLACED AROUND BASIN 2: ROOT PRUNNING METHOD/CONTAINER GROWN TREES: WHITE OAK, HILL'S OAK, CHINKAPIN OAK, RED OAK, BLACK WALNUT, SWAMP WHITE OAK, BURR OAK, PIN OAK AND CANAERTII RED CEDAR. ALL TREES SHALL RECEIVE A 6' DIAMETER MULCH RING.

USER NAME = 35361	DESIGNED IDOT	REVISED -
	DRAWN SO	REVISED
PLOT SCALE = 50.0000' / 1"	CHECKED MO	REVISED
PLOT DATE = 12/6/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LANDSCAPING PLAN
US ROUTE 45**

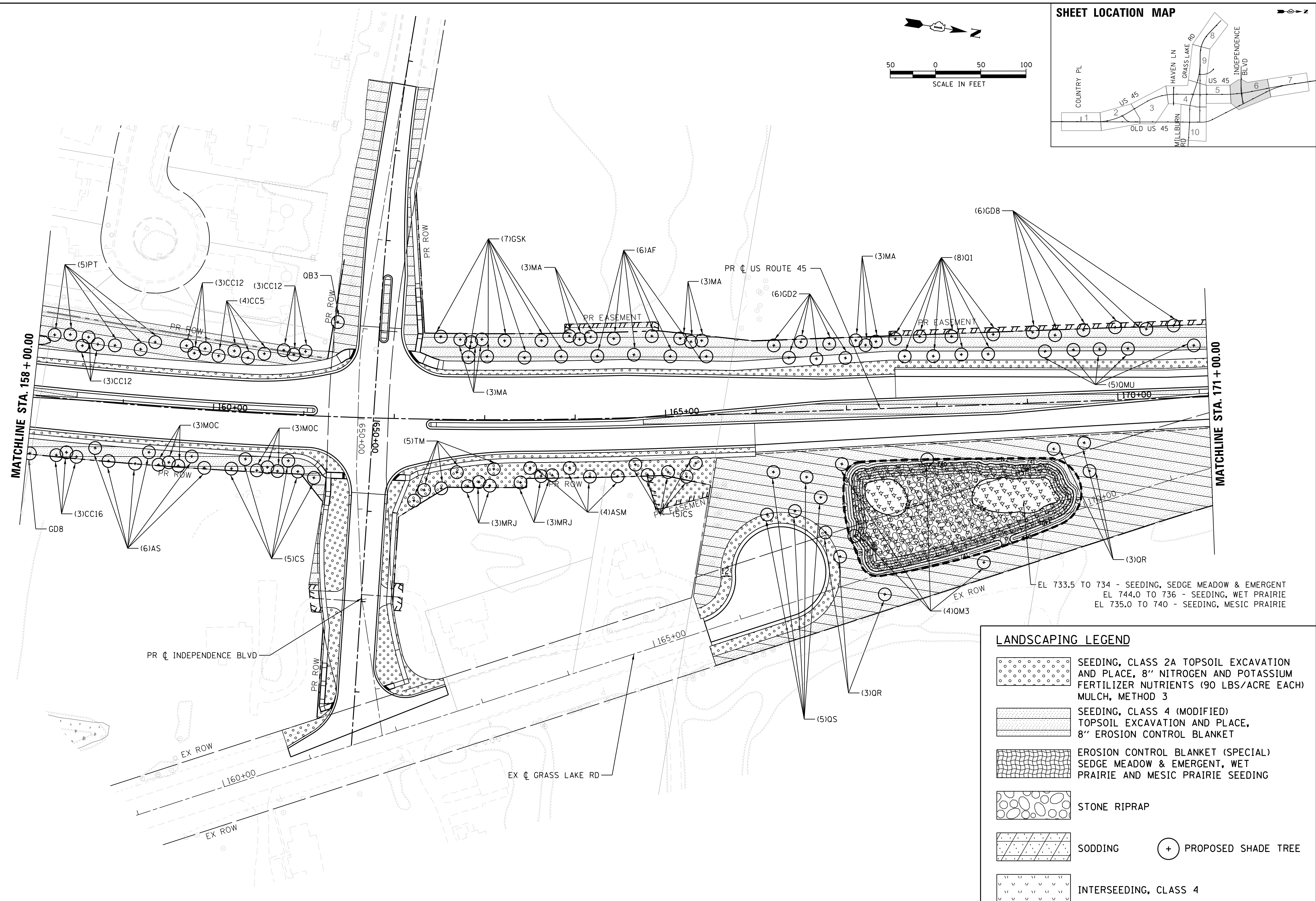
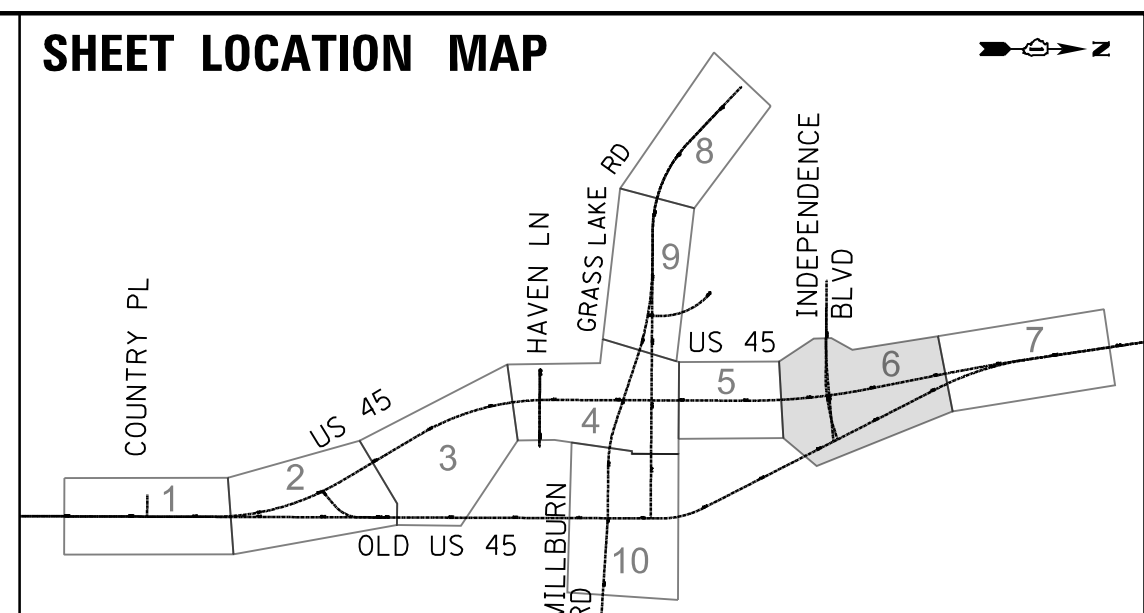
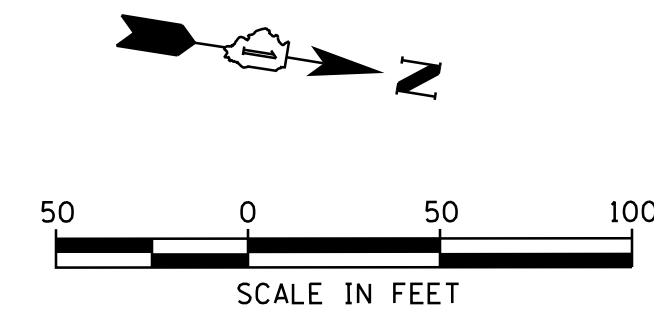
SCALE: 1"=50' SHEET 3 OF 10 SHEETS STA. 125+00 TO STA. 137+00

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 288
				CONTRACT NO. 60T75
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
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	FILED		
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PROFILE	SURVEYED	BY	DATE
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	GRADES		
	STRUCTURE		
NOTE BOOK NO.	NOTATRS CHKD		

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EL 733.5 TO 734 - SEEDING, SEDGE MEADOW & EMERGENT
 EL 744.0 TO 736 - SEEDING, WET PRAIRIE
 EL 735.0 TO 740 - SEEDING, MESIC PRAIRIE

LANDSCAPING LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXCAVATION AND PLACE, 8" NITROGEN AND POTASSIUM FERTILIZER NUTRIENTS (90 LBS/ACRE EACH) MULCH, METHOD 3
	SEEDING, CLASS 4 (MODIFIED) TOPSOIL EXCAVATION AND PLACE, 8" EROSION CONTROL BLANKET
	EROSION CONTROL BLANKET (SPECIAL) SEDGE MEADOW & EMERGENT, WET PRAIRIE AND MESIC PRAIRIE SEEDING
	STONE RIPRAP
	SODDING
	PROPOSED SHADE TREE
	INTERSEEDING, CLASS 4

USER NAME = 35361	DESIGNED IDOT	REVISED -
	DRAWN SO	REVISED
PLOT SCALE = 50.0000' / 1"	CHECKED MO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

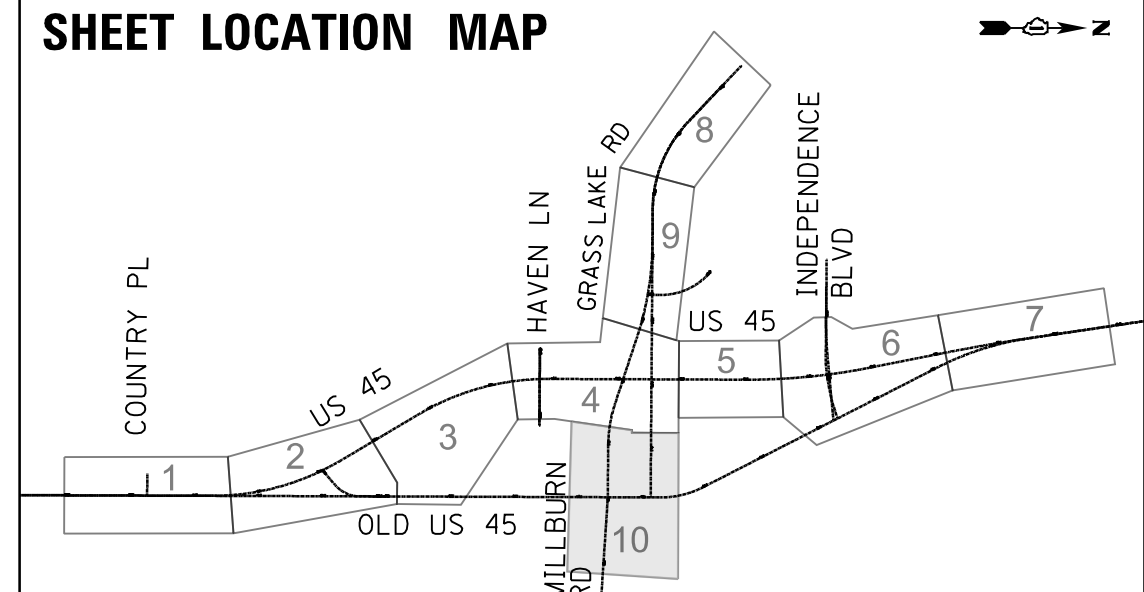
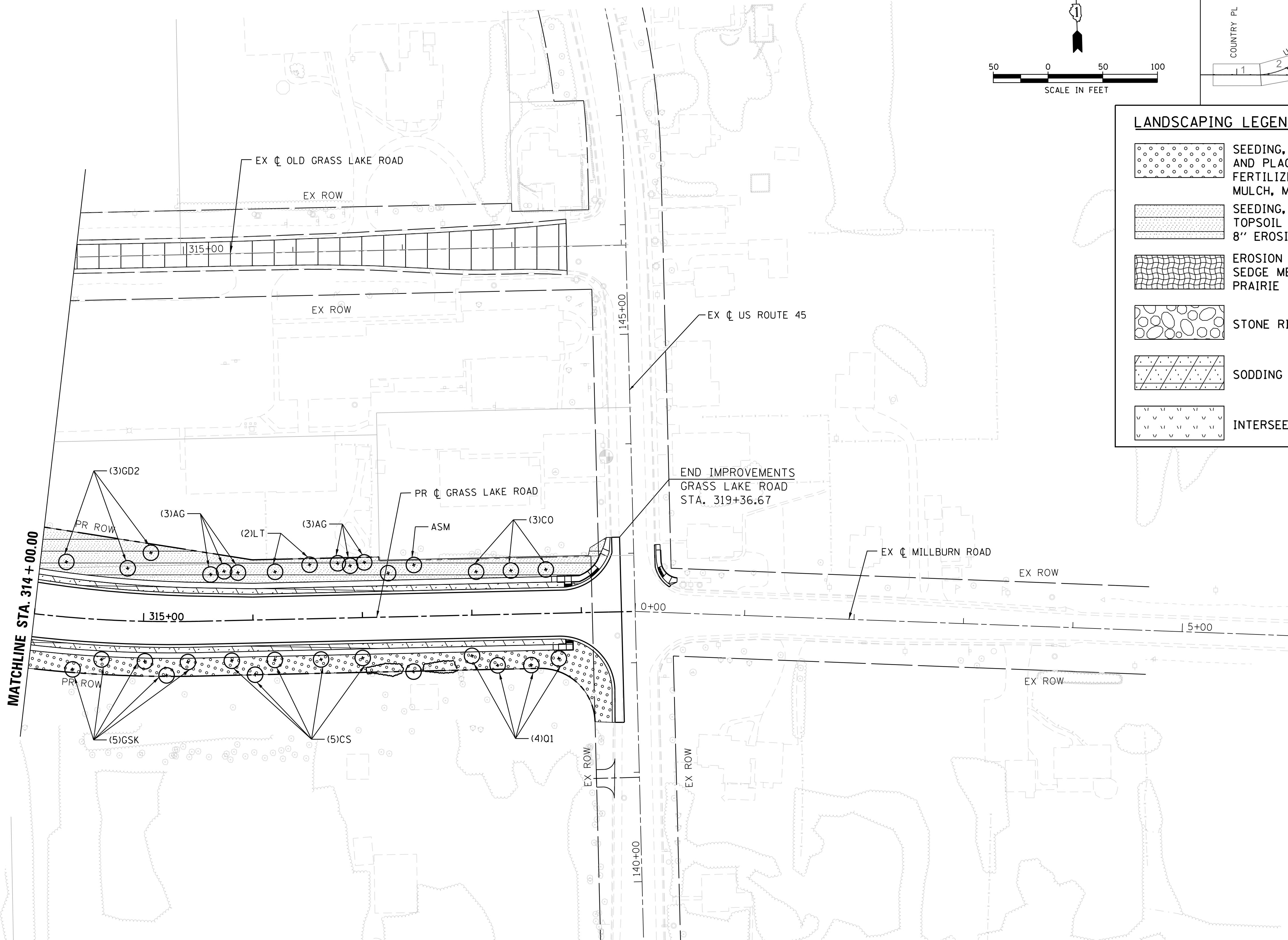
PROPOSED LANDSCAPING PLAN US ROUTE 45			
SCALE: 1"=50'	SHEET 6	OF 10 SHEETS	STA. 158+00 TO STA. 171+00

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 291
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60T75

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	STRUCTURE NOT AT THIS CHKD	

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LANDSCAPING LEGEND

	SEEDING, CLASS 2A TOPSOIL EXCAVATION AND PLACE, 8" NITROGEN AND POTASSIUM FERTILIZER NUTRIENTS (90 LBS/ACRE EACH) MULCH, METHOD 3
	SEEDING, CLASS 4 (MODIFIED) TOPSOIL EXCAVATION AND PLACE, 8" EROSION CONTROL BLANKET
	EROSION CONTROL BLANKET (SPECIAL) SEDGE MEADOW & EMERGENT, WET PRAIRIE AND MESIC PRAIRIE SEEDING
	STONE RIPRAP
	SODDING
	PROPOSED SHADE TREE
	INTERSEEDING, CLASS 4

USER NAME = 35361	DESIGNED IDOT	REVISED -
DRAWN SO	CHECKED MO	REVISED
DATE 02/02/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED LANDSCAPING PLAN GRASS LAKE ROAD	
SCALE: 1"=50'	SHEET 10 OF 10 SHEETS
STA. 314+00	TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 295
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T75	

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE	
	NOTATRS CHKD	

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	SCIENTIFIC NAME	COMMON NAME	CODE	SIZE	TOTAL
SHADE TREES	ACER SACCHARUM 'MORTON'	CRESCENDO SUGAR MAPLE	ASM	2" CAL / B&B	35
	AESCLUS FLAVEA	YELLOW SWEET BUCKEYE	AF	2" CAL / B&B	15
	ALNUS X SPAETHII	SPAETHS ALDER	ASM	2-1/2" / B&B	21
	BETULA NIGRA	RIVER BIRCH	BN	6' HT / B&B	10
	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	CC2	2" CAL / B&B	19
	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	CC5	5' HT / B&B	7
	CATALPA SPECIOSA	NORTHERN CATALPA	CS	2" CAL / B&B	25
	CELTIS OCCIDENTALIS	COMMON HACKBERRY	CO	2" CAL / B&B	34
	CLADRASTIS LUTEA	AMERICAN YELLOWWOOD	CK	2" CAL / B&B	21
	GLEDITSIA TRIANTHOS INERMIS SKYLINE	SKYLINE THORNLESS HONEYLOCUST	GSK	2" CAL / B&B	28
	GLEDITSIA TRIANTHOS INERMIS SHADEMASTER	SHADEMASTER THORNLESS HONEYLOCUST	GSH	2-1/2" CAL / B&B	10
	GYMNOCLAUS DIOICUS	KENTUCKY COFFEETREE	GD8	8' HT / B&B	21
	GYMNOCLAUS DIOICUS	KENTUCKY COFFEETREE	GD2	2" CAL / B&B	22
	GYMNOCLAUS DIOICUS ESPRESSO - JFS	ESPRESSO KENTUCKY COFFEETREE	GDE	2-1/2" CAL / B&B	25
	JUGLANS NIGRA	BLACK WALNUT	JN	2" CAL / B&B	10
	JUGLANS NIGRA	BLACK WALNUT		3-GAL, CONT	100
	LIROIODENDRON TULIPIFERA	TULIPTREE	LT	2" CAL / B&B	33
	METASEQUOIA GLYPTOSTROBODES	DAWN REDWOOD	MG	2" CAL / B&B	12
	OSTRYA VIRGINIANA	AMERICAN HOPHORNBEAM	OV	2" CAL / B&B	9
	POPULUS TREMULOIDES	QUAKING ASPEN	PT	6' HT / B&B	35
	QUERCUS ALBA	WHITE OAK		15-GAL / RPM	150
	QUERCUS BICOLOR	SWAMP WHITE OAK		15-GAL / RPM	150
	QUERCUS BICOLOR	SWAMP WHITE OAK	QB2	2" CAL / B&B	0
	QUERCUS BICOLOR	SWAMP WHITE OAK	QB3	3" CAL / B&B	6
	QUERCUS BICOLOR	SWAMP WHITE OAK	QB7	7' HT / B&B	7
	QUERCUS ELLIPSOIDALIS	HILL'S OAK	QE	2" CAL / B&B	24
	QUERCUS ELLIPSOIDALIS	HILL'S OAK		15-GAL / RPM	100
	QUERCUS IMBRICARIA	SHINGLE OAK	QI	2" CAL / B&B	12
	QUERCUS MACROCARPA	BUR OAK		15-GAL / RPM	150
	QUERCUS MACROCARPA	BUR OAK	QM2	2" CAL / B&B	10
	QUERCUS MACROCARPA	BUR OAK	QM3	3" CAL / B&B	4
QUERCUS MUEHLENBERGII	CHINKAPIN OAK	QMU	2" CAL / B&B	31	
QUERCUS MUEHLENBERGII	CHINKAPIN OAK		15-GAL / RPM	150	
QUERCUS PALUSTRIS	PIN OAK		15-GAL / RPM	100	
QUERCUS RUBRA	RED OAK	QR	2" CAL / B&B	12	
QUERCUS RUBRA	RED OAK		15-GAL / RPM	100	
QUERCUS SCHEUTTI	SWAMP BUR OAK	QS	2" CAL / B&B	16	
TAXODIUM DISTICHUM	BALD CYPRESS	TD	2" CAL / B&B	19	
TILIA MONGOLICA HARVEST GOLD	HARVEST GOLD LINDEN	TM	2" CAL / B&B	31	
EVERGREEN & ORNAMENTAL TREES	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	AC	6' HT / B&B	6
	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE	AUTUMN BRILLIANCE SERVICE BERRY	AG	2" CAL / B&B	19
	CERCIS CANADENSIS	EASTERN REDBUD	ER	5' HT / B&B	18
	CRATAEGUS CRUSGALLI INERMIS	THORNLESS COCKSPUR HAWTHORN	CCI2	2" CAL / B&B	13
	CRATAEGUS CRUSGALLI INERMIS	THORNLESS COCKSPUR HAWTHORN	CCI6	6' HT / B&B	22
	HALESIA TETRAPTERA	CAROLINA SILVERBELL	HT	5' HT / B&B	9
	JUNIPERUS VIRGINIANA CANAERTII	CANAERTII RED CEDAR		4' HT / B&B	100
	MALUS ADAMS	ADAMS CRABAPPLE	MA	2" CAL / B&B	15
	MALUS ORANGE CRUSH	ORANGE CRUSH CRABAPPLE	MOC	2" CAL / B&B	24
	MALUS RED JEWEL	RED JEWEL CRABAPPLE	MRJ	6' CAL / B&B	18
SHRUBS	HAMAMELIS VERNALIS	VERNAL WITCHHAZEL	HV	4' HT / B&B	174
	RHUS GLABRA	SMOOTH SUMAC	RG	2' HT/BARE ROOT	165
	RHUS TYPHINA	STAGHORN SUMAC	RT	2' HT/BARE ROOT	451
	VIBURNUM LENTAGO	NANNYBERRY VIBURNUM	VL	5' HT/B&B	60
VIBURNUM PRUNIFOLIA	BLACKHAW VIBURNUM	VP	5' HT/B&B	168	

SCIENTIFIC NAME	COMMON NAME	SIZE	TOTAL	BASIN @ STATION 105+00 TO 106+00	BASIN @ STATION 129+00 TO 134+00	Vegetated Ditch LCFPD Parcel 1LC0006	BASIN @ STATION 167+00 TO 169+00	PLANTING DEPTH @ NORMAL WATER LEVEL (NWL)
ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	PLUG	2.53	0.25	1.84		0.44	0-6" above nwl
CALAMAGROSTIS CANADENSIS	BLUE JOINT GRASS	PLUG	2.53	0.25	1.84		0.44	0" (@ nwl)
CAREX CRISTATELLA	CRESTED OVAL SEDGE	PLUG	2.53	0.25	1.84		0.44	0" (@ nwl)
CAREX LACUSTRIS	COMMON LAKE SEDGE	PLUG	2.53	0.25	1.84		0.44	0-3" below nwl
CAREX STIPATA	COMMON FOX SEDGE	PLUG	2.53	0.25	1.84		0.44	0" (@ nwl)
CAREX STRICTA	COMMON TUSsock SEDGE	PLUG	2.53	0.25	1.84		0.44	0" (@ nwl)
CAREX TRICHOCARPA	HAIRY-FRUITED LAKE SEDGE	PLUG	2.53	0.25	1.84		0.44	0" (@ nwl)
CAREX VULPINOIDEA	BROWN FOX SEDGE	PLUG	3.29	0.25	1.84	0.76	0.44	0" (@ nwl)
CHASMANTHIUM LATIFOLIUM	NORTHERN SEA OATS	PLUG	0.76			0.76		0-6" above nwl
ELYMUS VIRGINICUS	VIRGINIA WILD RYE	PLUG	2.53	0.25	1.84		0.44	0-6" above nwl
GLYCERIA STRIATA	FOWL MANNA GRASS	PLUG	2.53	0.25	1.84		0.44	0" (@ nwl)
IRIS VIRGINICA SHREVERI	BLUE FLAG	PLUG	2.53	0.25	1.84		0.44	3-6" below nwl
LIATRIS SPICATA	MARSH BLAZINGSTAR	PLUG	2.53	0.25	1.84		0.44	0" (@ nwl)
PONTERERIA CORDATA	PICKEREL WEED	PLUG	2.53	0.25	1.84		0.44	3-6" below nwl
SAGITTARIA LATIFOLIA	COMMON ARROW-HEAD	PLUG	2.53	0.25	1.84		0.44	3-6" below nwl
SCIRPUS ACUTUS	HARD-STEMMED BULRUSH	PLUG	2.53	0.25	1.84		0.44	3-6" below nwl
SCIRPUS ATROVIRENS	DARK GREEN BULRUSH	PLUG	2.53	0.25	1.84		0.44	0-3" below nwl
SCIRPUS CYPERINUS	WOOL GRASS	PLUG	2.53	0.25	1.84		0.44	0-3" below nwl
SCIRPUS PUNGENS	CHAIRMAKER'S RUSH	PLUG	2.53	0.25	1.84		0.44	3-6" below nwl
SCIRPIS VALIDUS CREBER	GREAT BULRUSH	PLUG	2.53	0.25	1.84		0.44	3-6" below nwl
SPARTINA PECTINATA	PRAIRIE CORD GRASS	PLUG	2.53	0.25	1.84		0.44	0" (@ nwl)
VERBENA HASTATA	BLUE VERVAIN	PLUG	2.53	0.25	1.84		0.44	0-3" below nwl
ZIZIA AUREA	GOLDEN ALEXANDERS	PLUG	2.53	0.25	1.84		0.44	0-6" above nwl
TOTAL UNITS			57.18					

USER NAME = 35361	DESIGNED IDOT	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LANDSCAPING PLANT MATERIAL LIST

SCALE: NS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	296
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

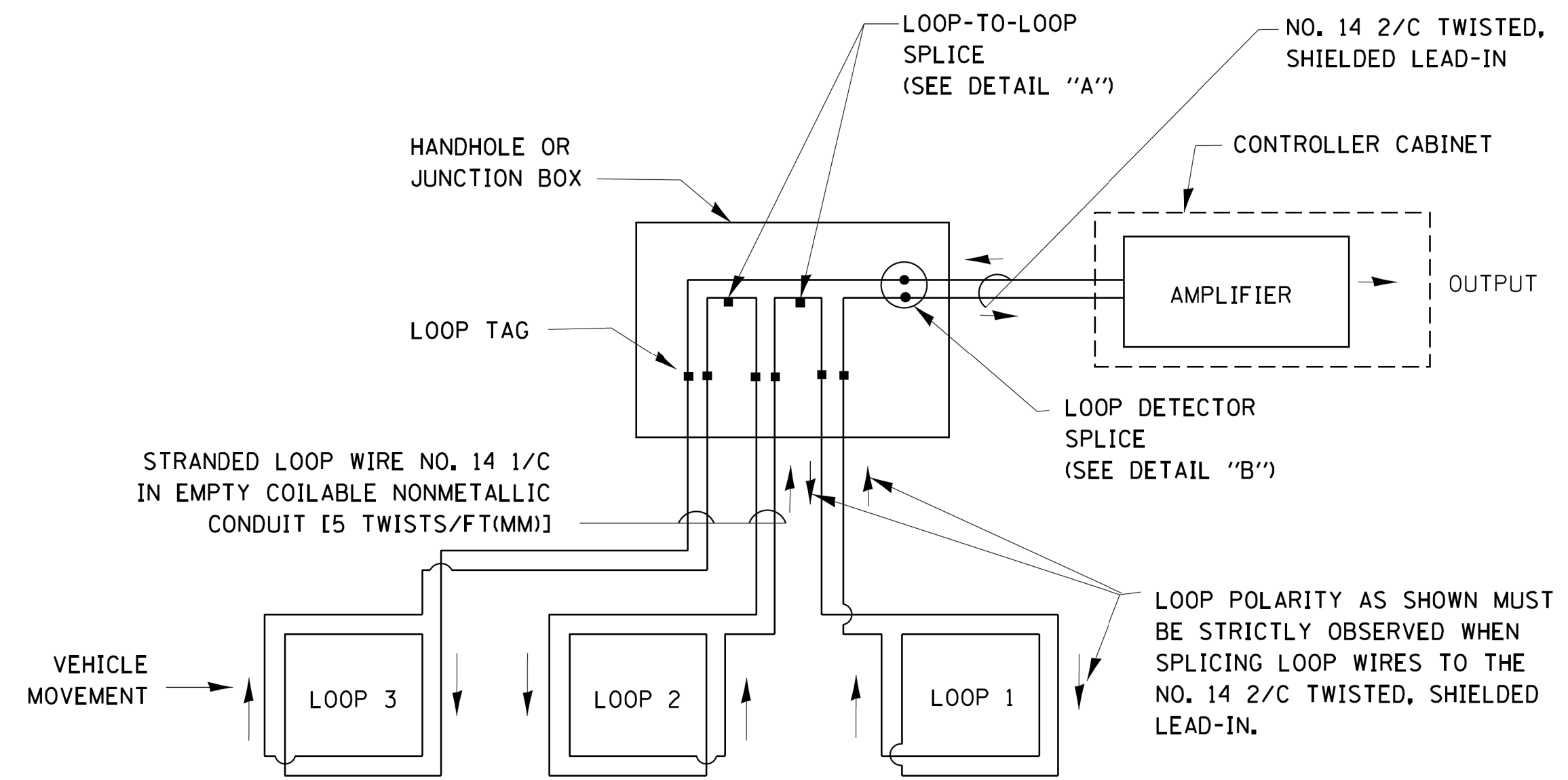
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

TS SHT NO. 02

FILE NAME =	USER NAME = plascencia	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
Default	S:\WP\Design\Iovan\SamplePlans-DO.NOT.US\DGNFiles\Legend_06-08-16.dgn	DRAWN - IP	REVISED -			344	39R	LAKE	510	297	
	PLOT SCALE = 100.0000' / 1in.	CHECKED - LP	REVISED -			TS-05		CONTRACT NO. 60T75			
	PLOT DATE = 6/10/2016	DATE - 6/8/2016	REVISED -			SCALE: NONE	SHEET 1	OF	SHEETS	STA.	TO STA.

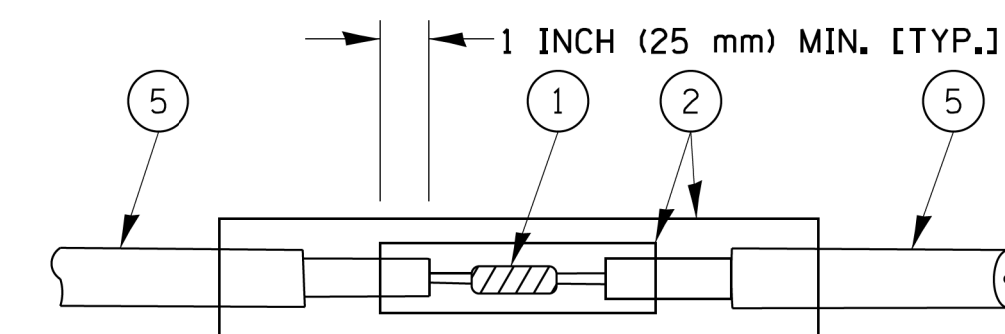
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. 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.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES 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" (450 mm) APART.
6. 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. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, 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.

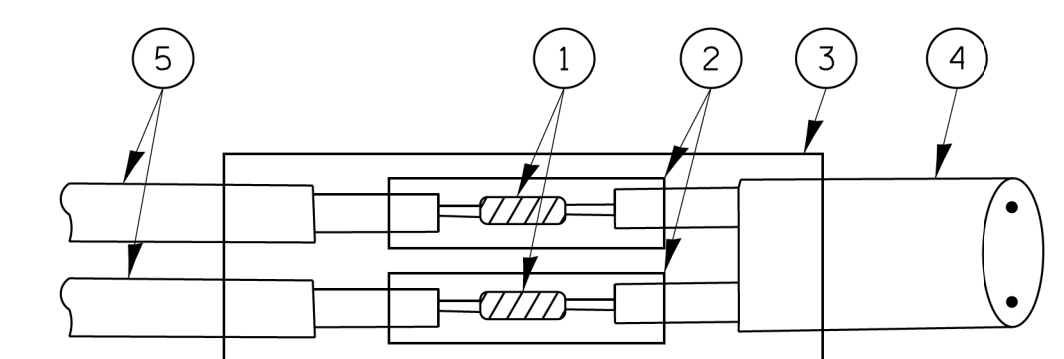


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

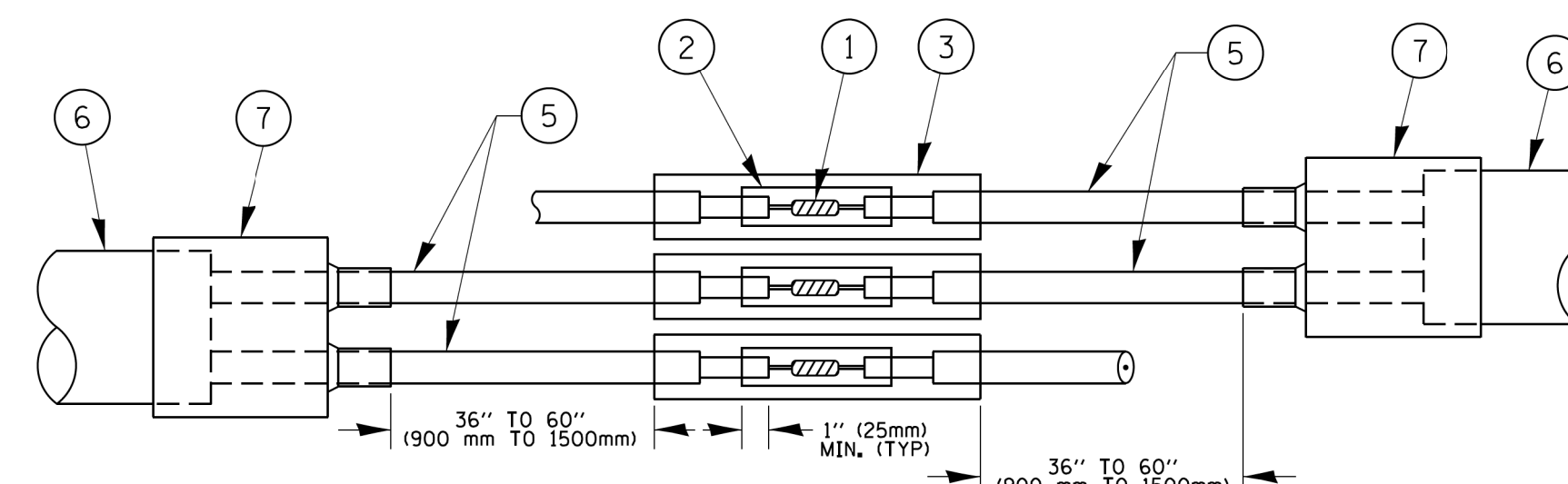


DETAIL "A"
LOOP-TO-LOOP SPLICE

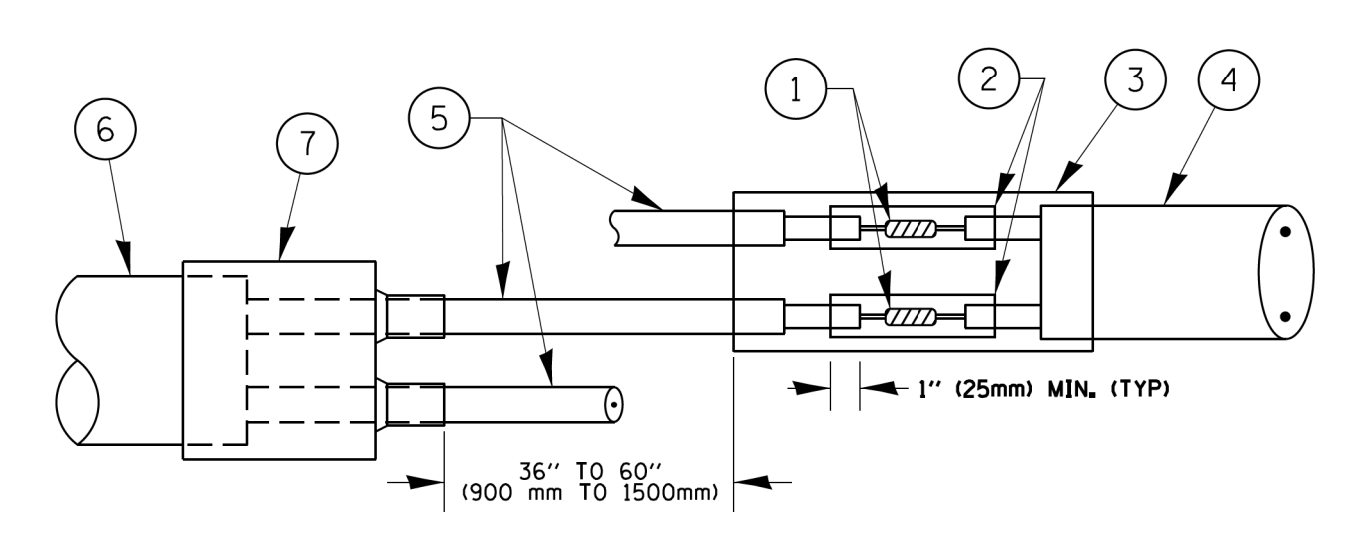


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

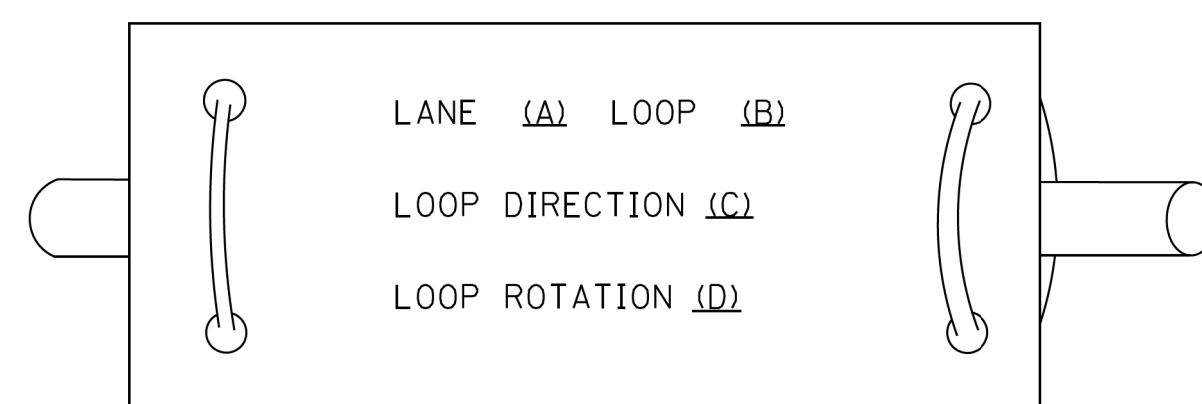


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PRE-FORMED LOOP

LOOP DETECTOR SPLICE

LOOP LEAD-IN CABLE TAG



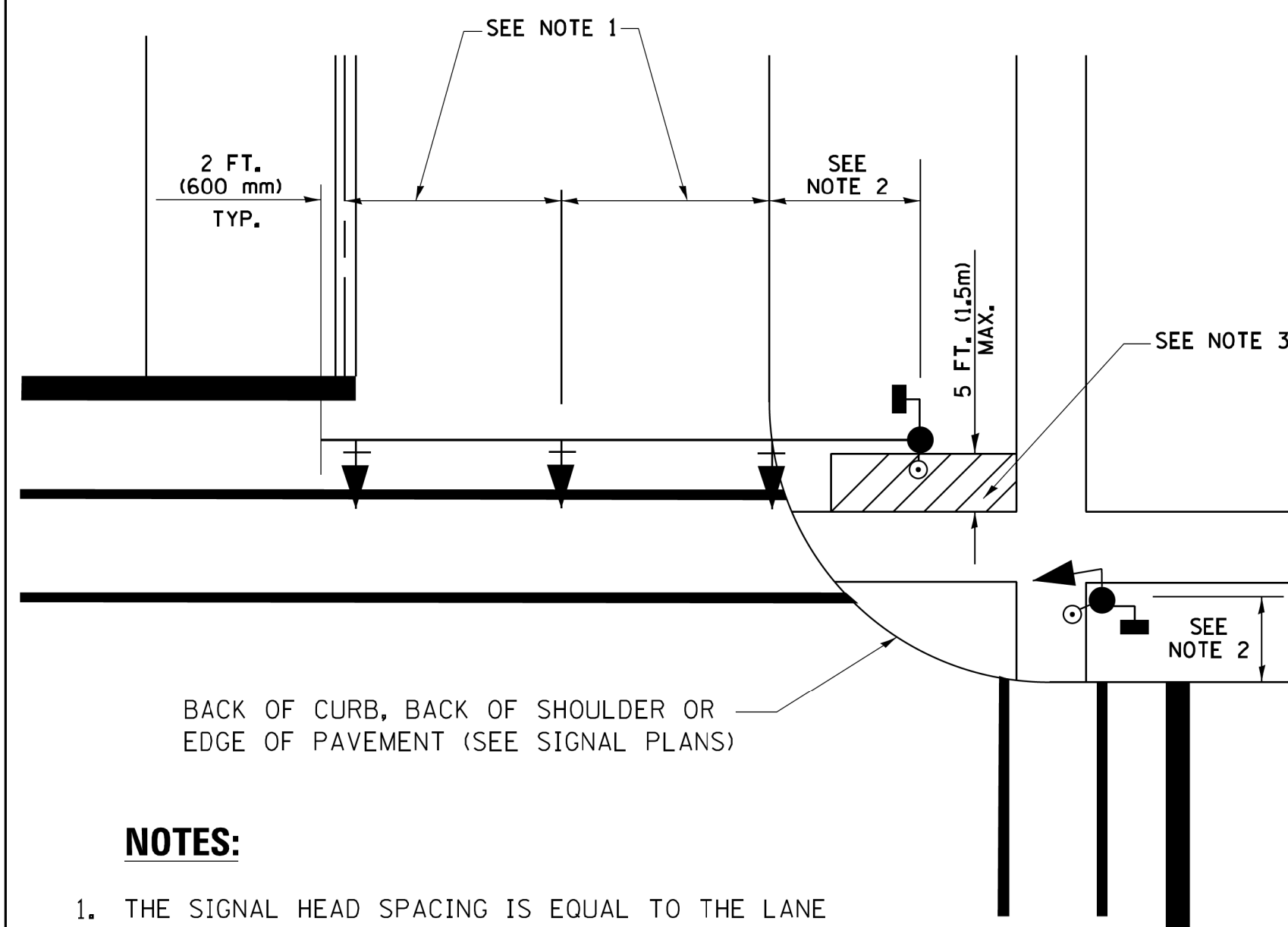
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- ⑥ PRE-FORMED LOOP
- ⑦ XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

TS SHT NO. 03

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS		F.A.U. RTE. 344	SECTION 39R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 298
DRAWN - BCK	CHECKED - DAD	DATE - 10-28-09	SCALE: NONE		SHEET NO. 2 OF SHEETS	STA. TO STA.	CONTRACT NO. 60T25				
PLOT SCALE = 50.0000' / 1" IN.							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 1/13/2014											

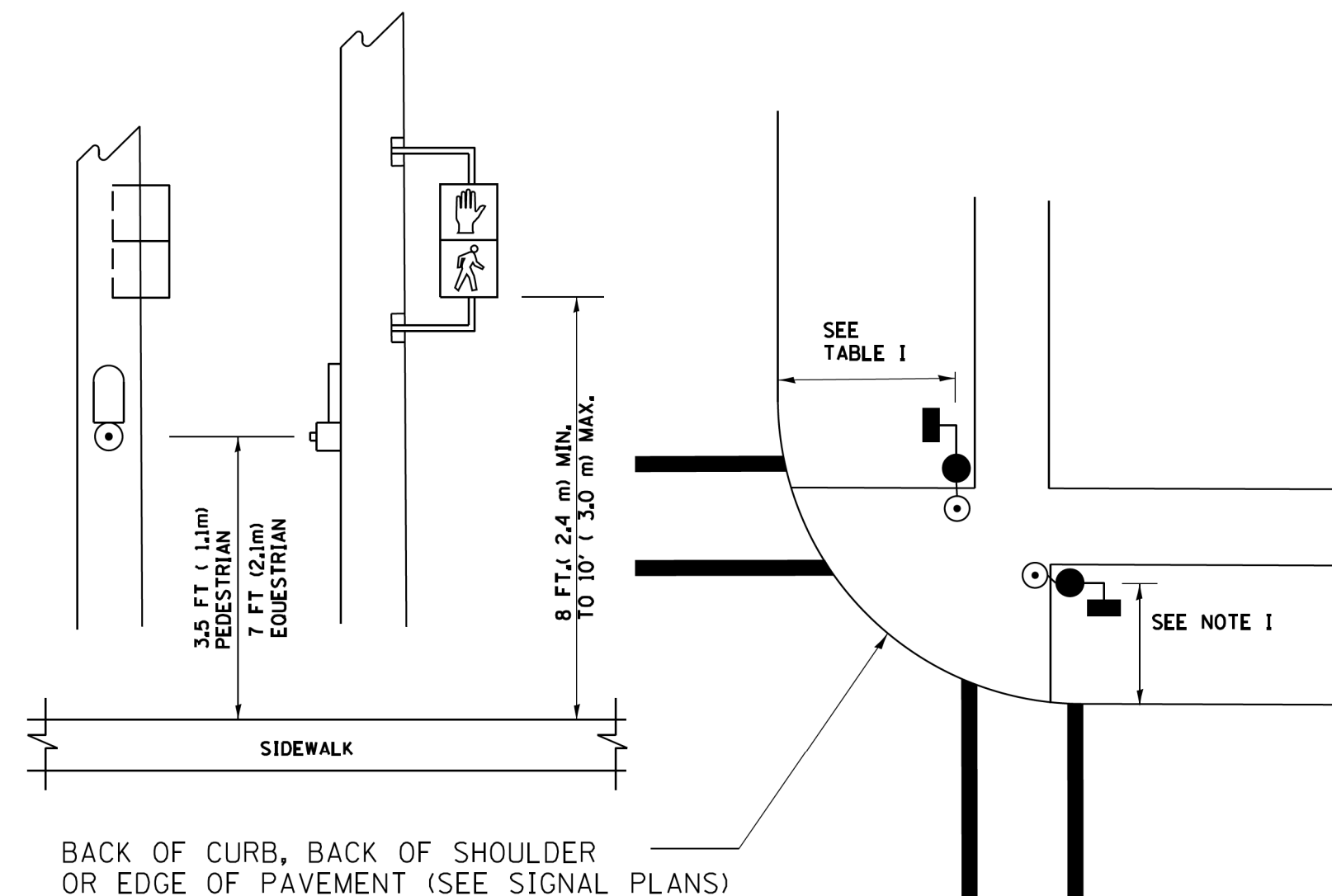
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

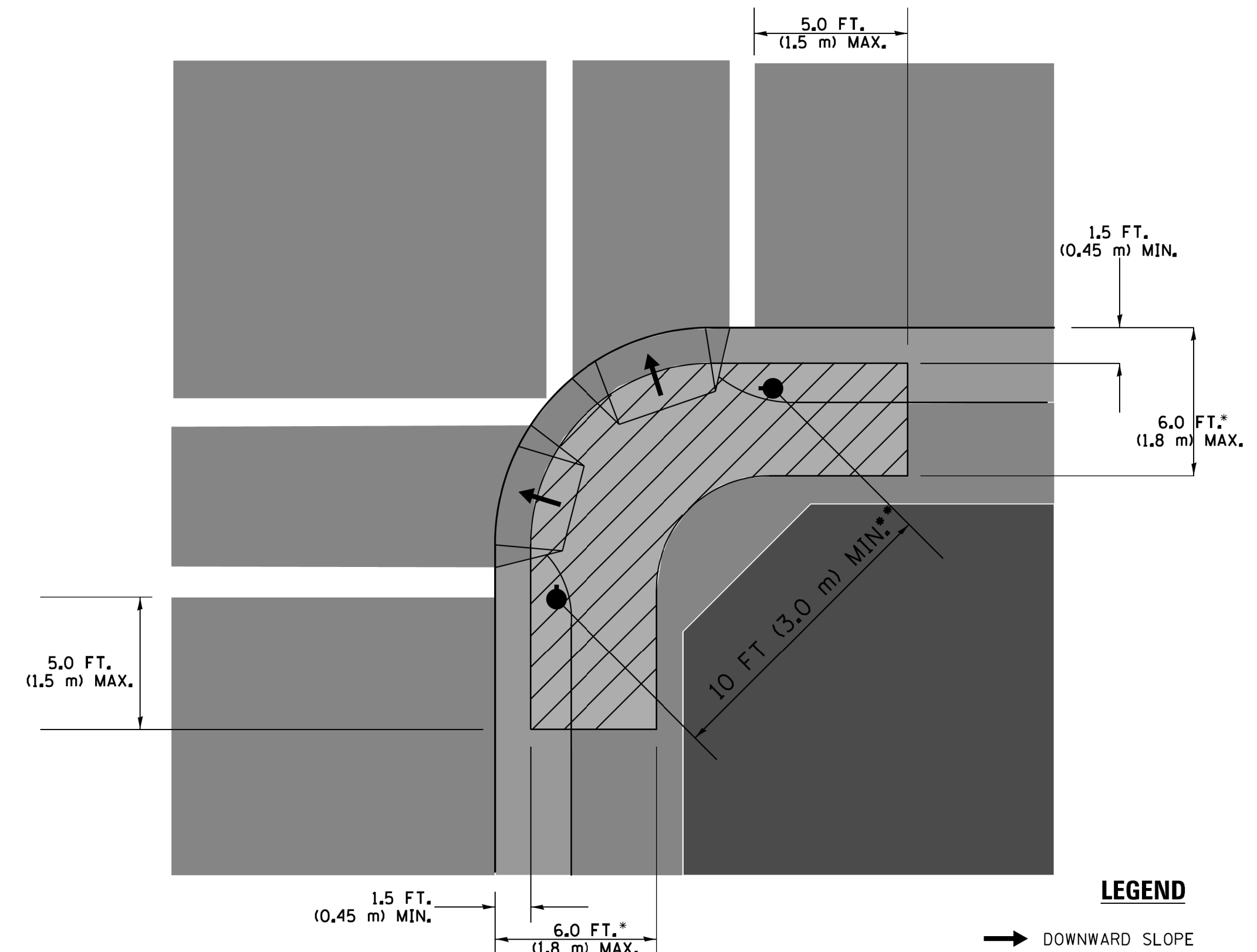
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPARATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

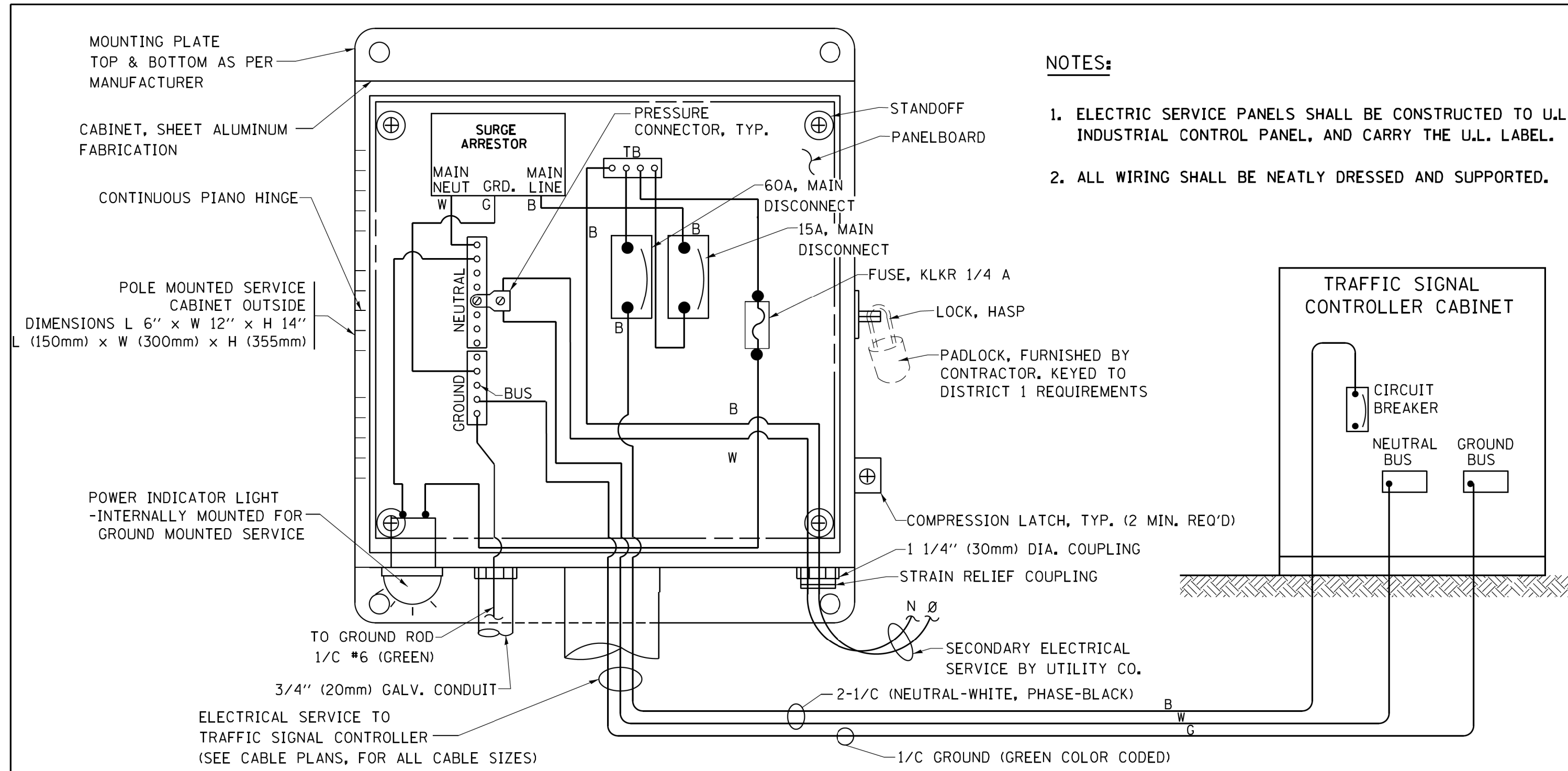
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

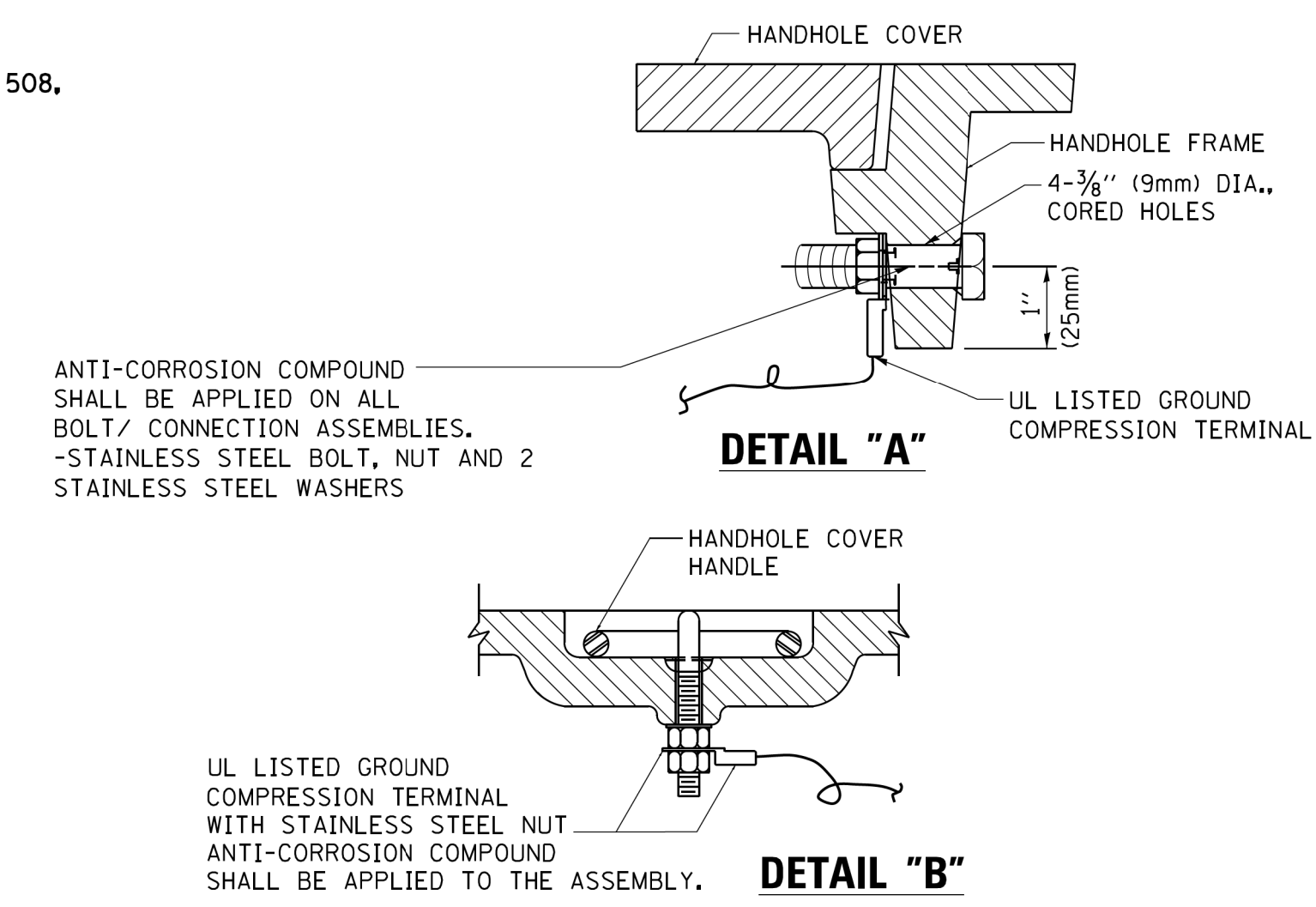
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

TS SHT NO. 04

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A. RTE. = 344	SECTION = 39R	COUNTY = LAKE	TOTAL SHEETS = 510	SHEET NO. = 299
DRAWN - BCK	CHECKED - DAD	REVISED -	SCALE: NONE			SHEET NO. 3 OF 7 SHEETS	STA. TO STA.	TS-05		CONTRACT NO. 60T25
PLOT SCALE = 50.0000' / 1"	DATE - 10-28-09	REVISED -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 1/13/2014		REVISED -								

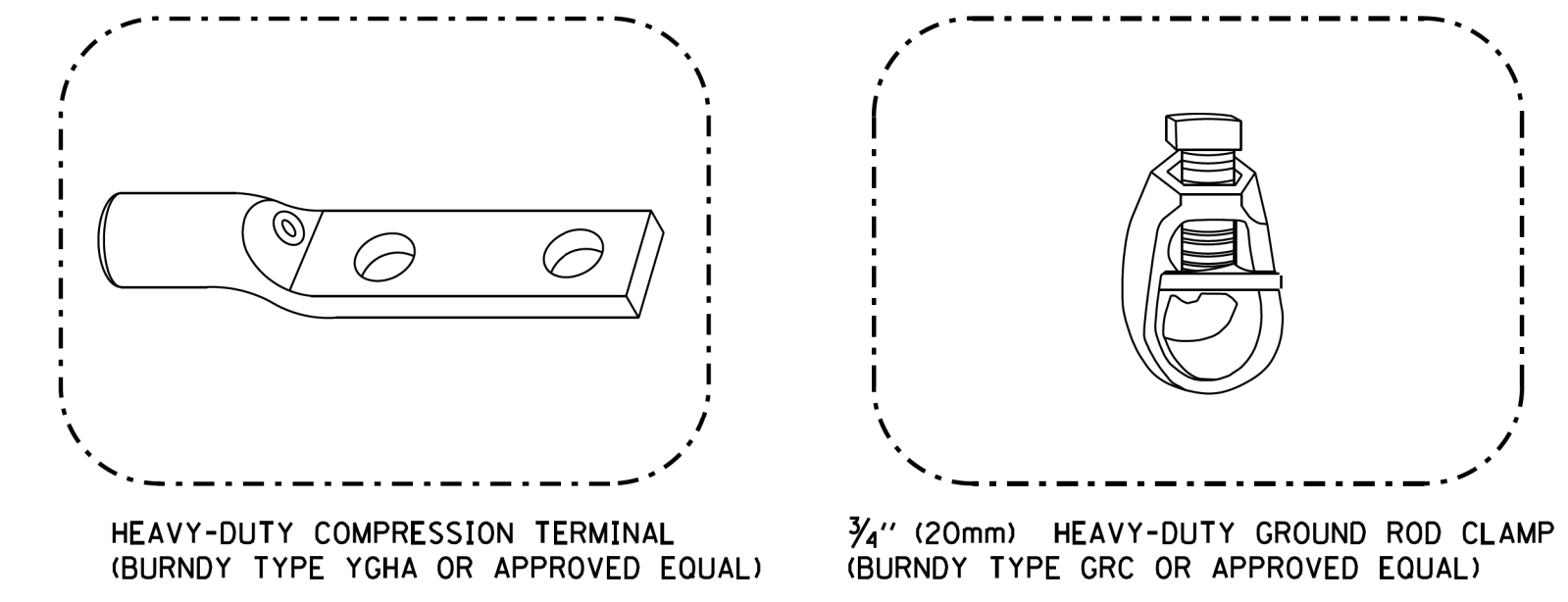
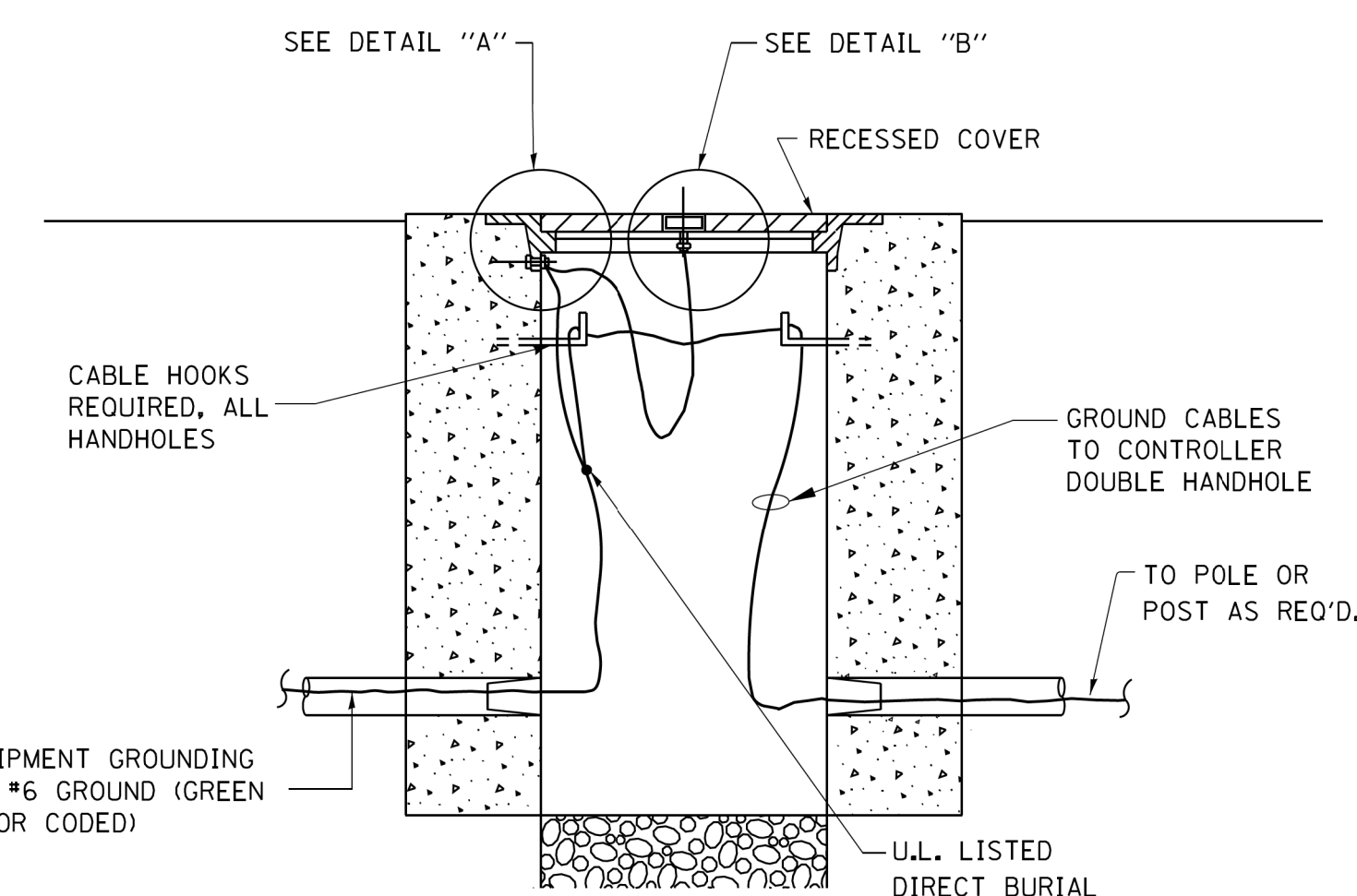


**ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)**



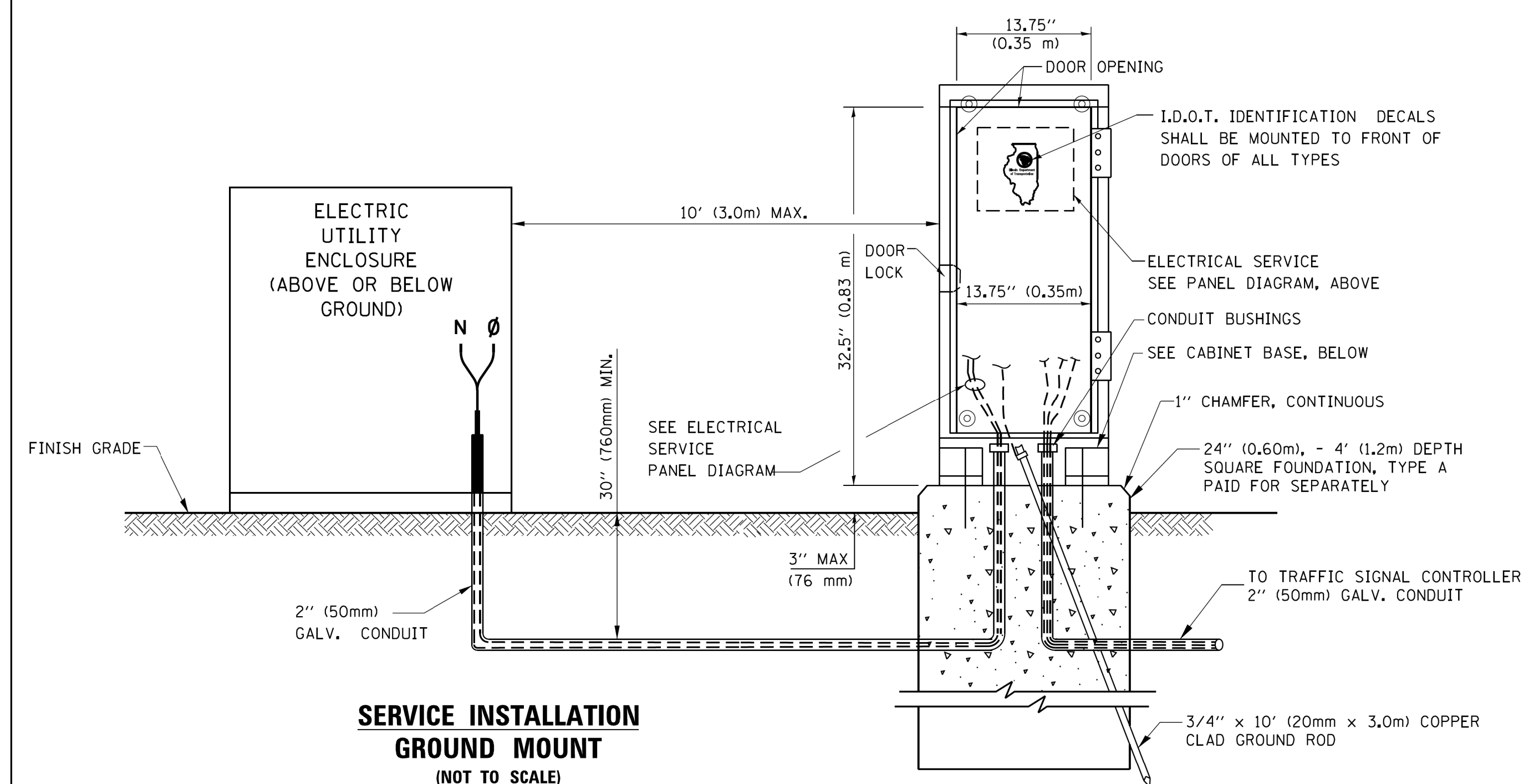
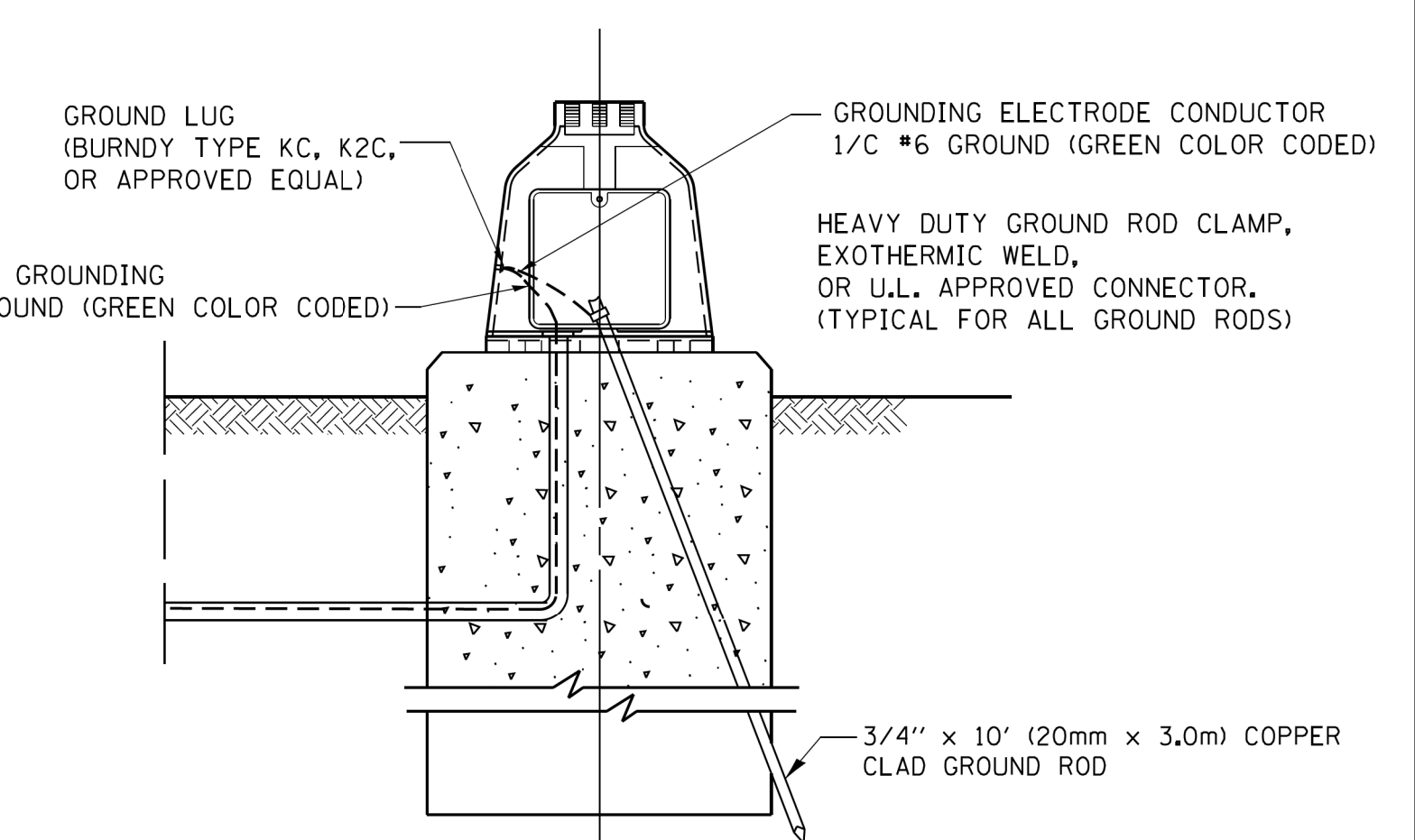
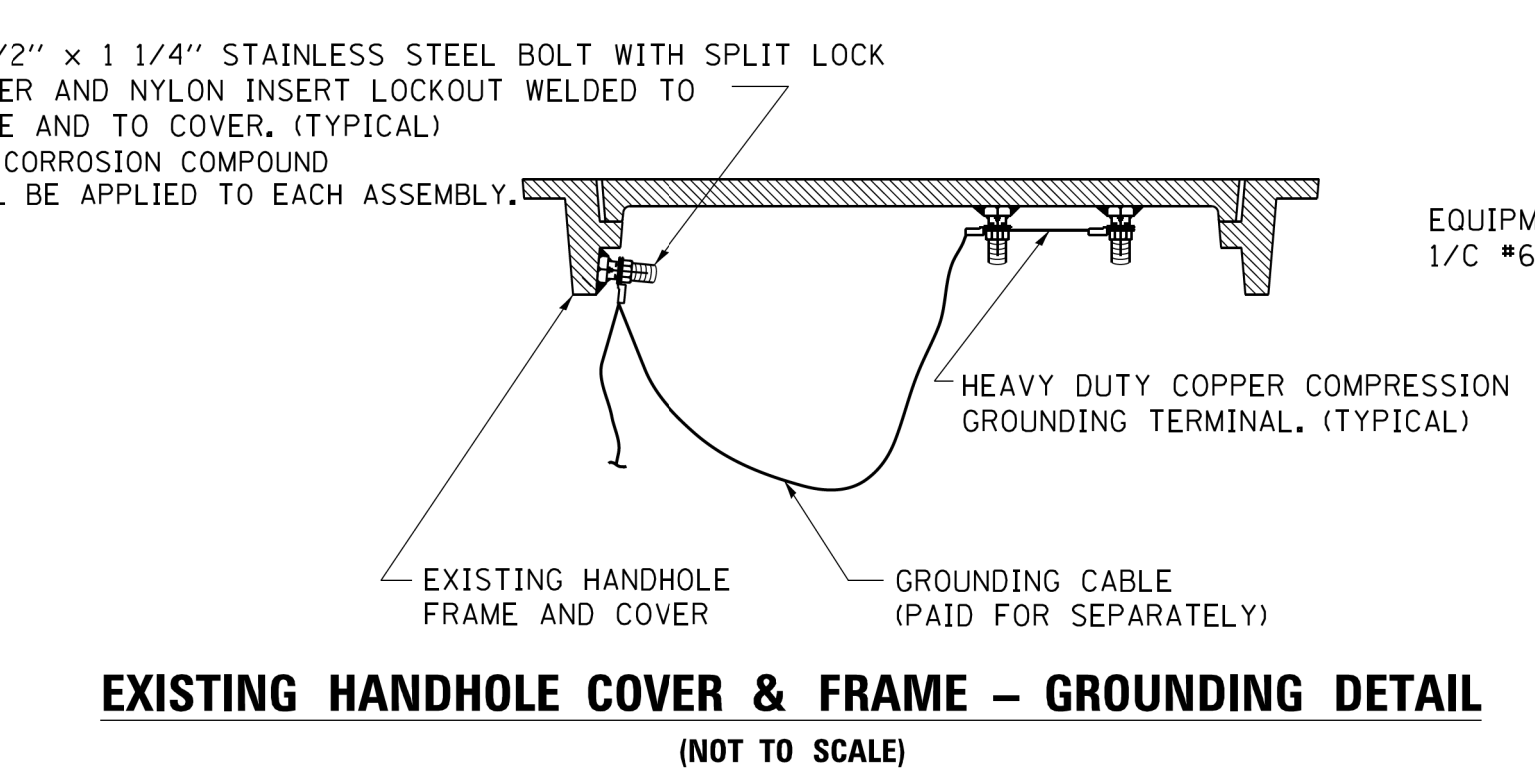
NOTES:
GROUNDING SYSTEM

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

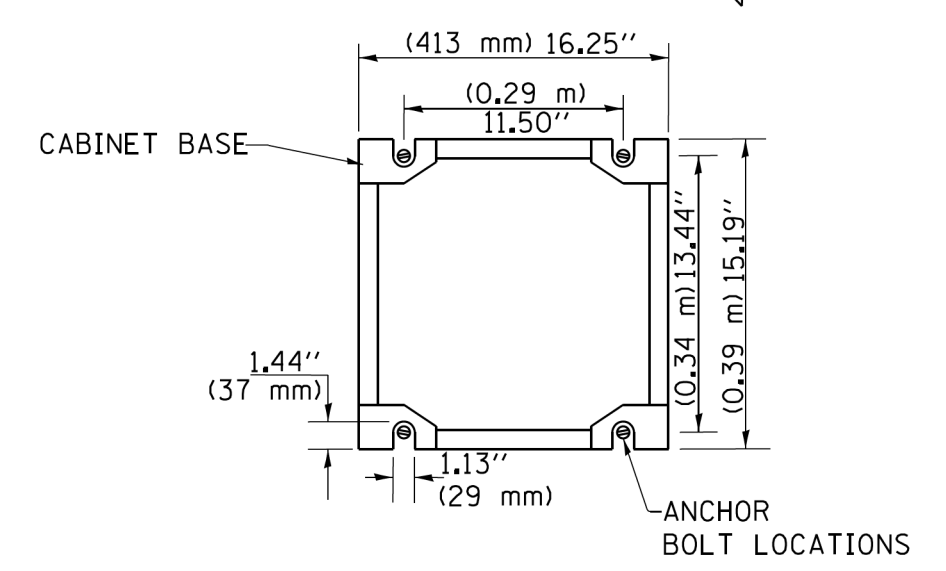


NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



**CABINET – BASE BOLT PATTERN
(NOT TO SCALE)**



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A. RTE. 344	SECTION 39R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 300
TS-05		CONTRACT NO. 60T25		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TS SHT NO. 05

FILE NAME = c:\pwwork\p1\dot\footemj\d0108315\ts05.dgn	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14
PLOT SCALE = 50.0000' / 1"	CHECKED - DAD	DRAWN - BCK	REVISED -
PLOT DATE = 1/13/2014	DATE - 10-28-09		REVISED -