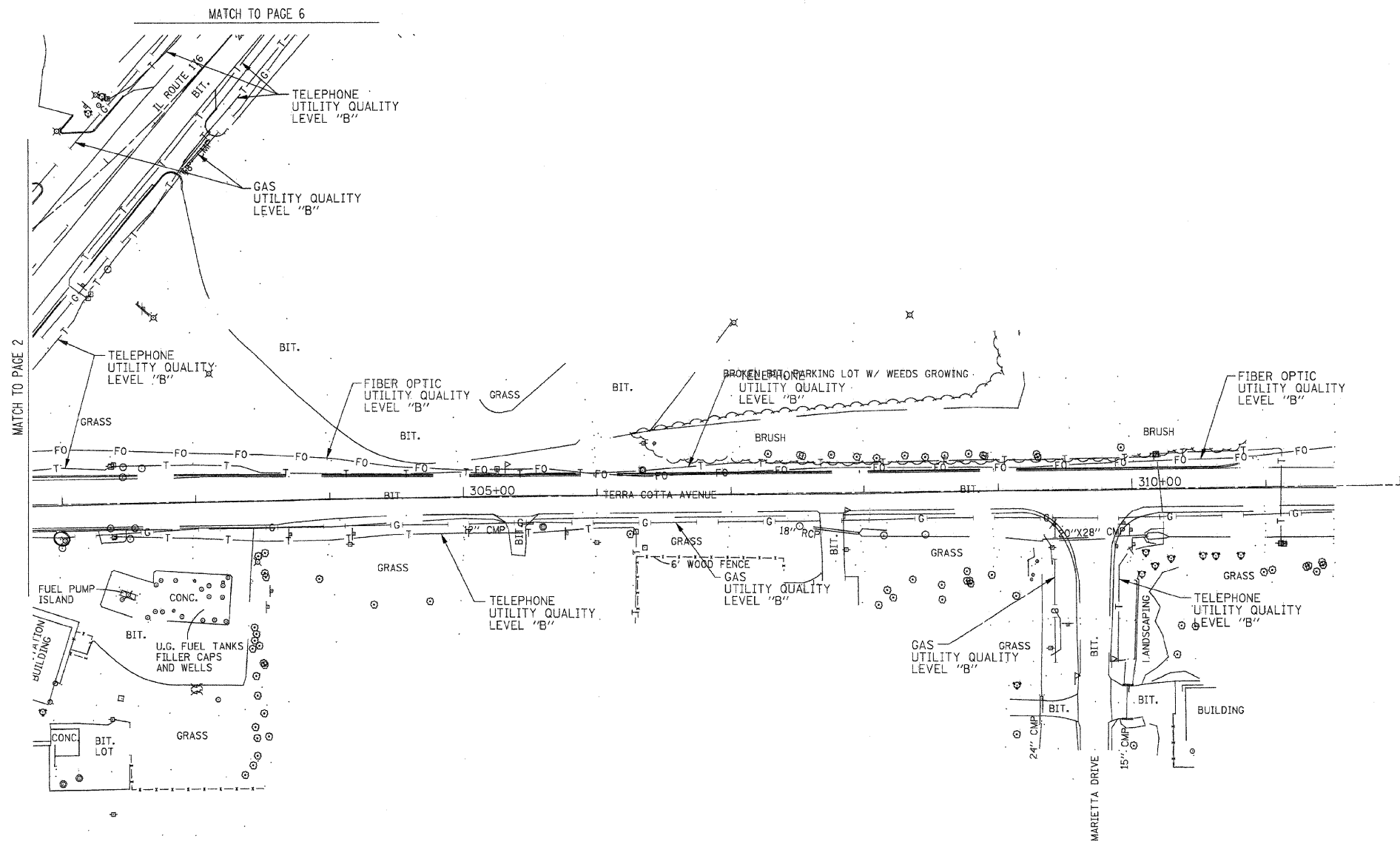


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112-R-N	McHenry	266	101
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62537				



The AT&T locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, AT&T will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the AT&T locations depicted in accordance with the CI/ASCE Standard 38-02.




TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING * LOCATING

IL09500234, 269, 283
 TBE SUE PAGE NO: 3 of 9
 Checked by: *[Signature]*

Utility Quality Level "B" : Designating
 Utility Quality Level "D" : Records Research

—>—>—>—>—>	SANITARY SEWER
—	UNKNOWN
—CTV—CTV—	CABLE TV
—T—T—	TELEPHONE
—W—W—	WATER
—G—G—	GAS
—FO—FO—	FIBER OPTIC
—E—E—	ELECTRIC

Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was performed during the period 12-26-06 through 3-28-08. Changes to utilities after these dates 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.

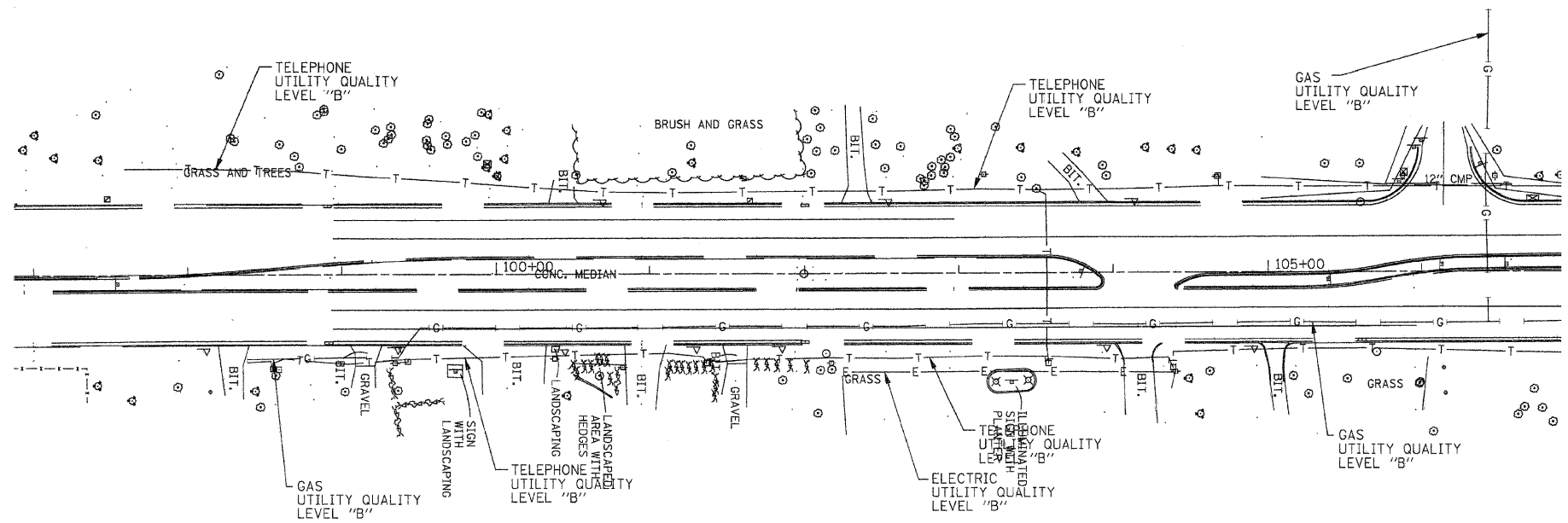

 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 IL RT. 31 at IL RT. 176 and Terra Cotta Road
 Crystal Lake, IL.
 McHenry County
 Section No. 112-R-N
 Contract No. 62537

DRAWN BY : KLC
 SCALE : 1" = 50'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112-R-N	McHenry	266	102
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62537				



MATCH TO PAGE 5

The AT&T locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, AT&T will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the AT&T locations depicted in accordance with the CI/ASCE Standard 38-02.



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING * LOCATING

IL09500234, 269, 283


TBE SUE PAGE NO: 4 of 9

Checked by: *[Signature]*

Utility Quality Level "B" : Designating
 Utility Quality Level "D" : Records Research

—>—>—>—>—>	SANITARY SEWER
—	UNKNOWN
—CTV—CTV—	CABLE TV
—T—T—	TELEPHONE
—W—	WATER
—G—	GAS
—FO—FO—	FIBER OPTIC
—E—E—	ELECTRIC

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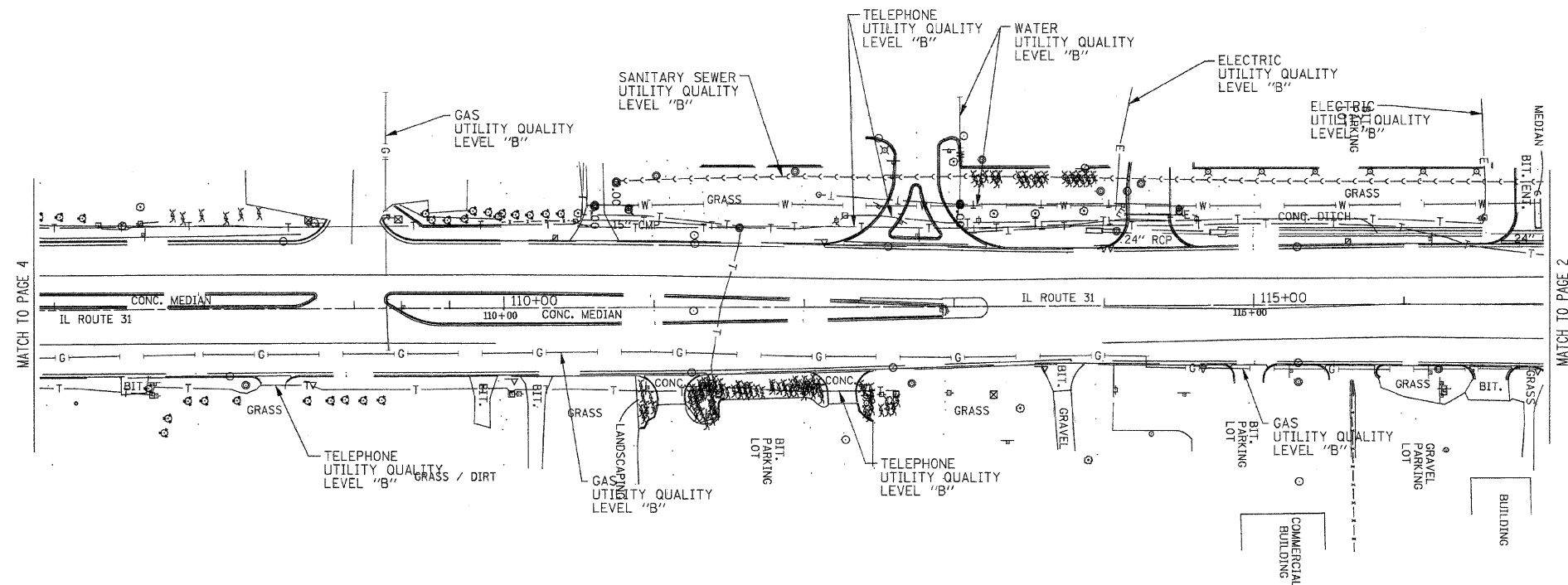

 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 IL RT. 31 at IL RT. 176 and Terra Cotta Road
 Crystal Lake, IL
 McHenry County
 Section No. 112-R-N
 Contract No. 62537

DRAWN BY : KLC
 SCALE : 1" = 50'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112-R-N	McHenry	266	103
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62537				



The AT&T locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, AT&T will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the AT&T locations depicted in accordance with the CI/ASCE Standard 38-02.



TBE GROUP, INC.

CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
* PLANNING * UTILITY ENGINEERING/LOCATING

IL09500234, 269, 283

TBE SUE PAGE NO: 5 of 8


Checked by: *[Signature]*

Utility Quality Level "B" : Designating

Utility Quality Level "D" : Records Research

—>—>—>—>—>	SANITARY SEWER
—————	UNKNOWN
—CTV—CTV—	CABLE TV
—T—T—	TELEPHONE
—W—W—	WATER
—G—G—	GAS
—FO—FO—	FIBER OPTIC
—E—E—	ELECTRIC

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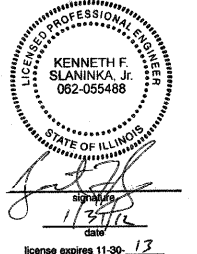
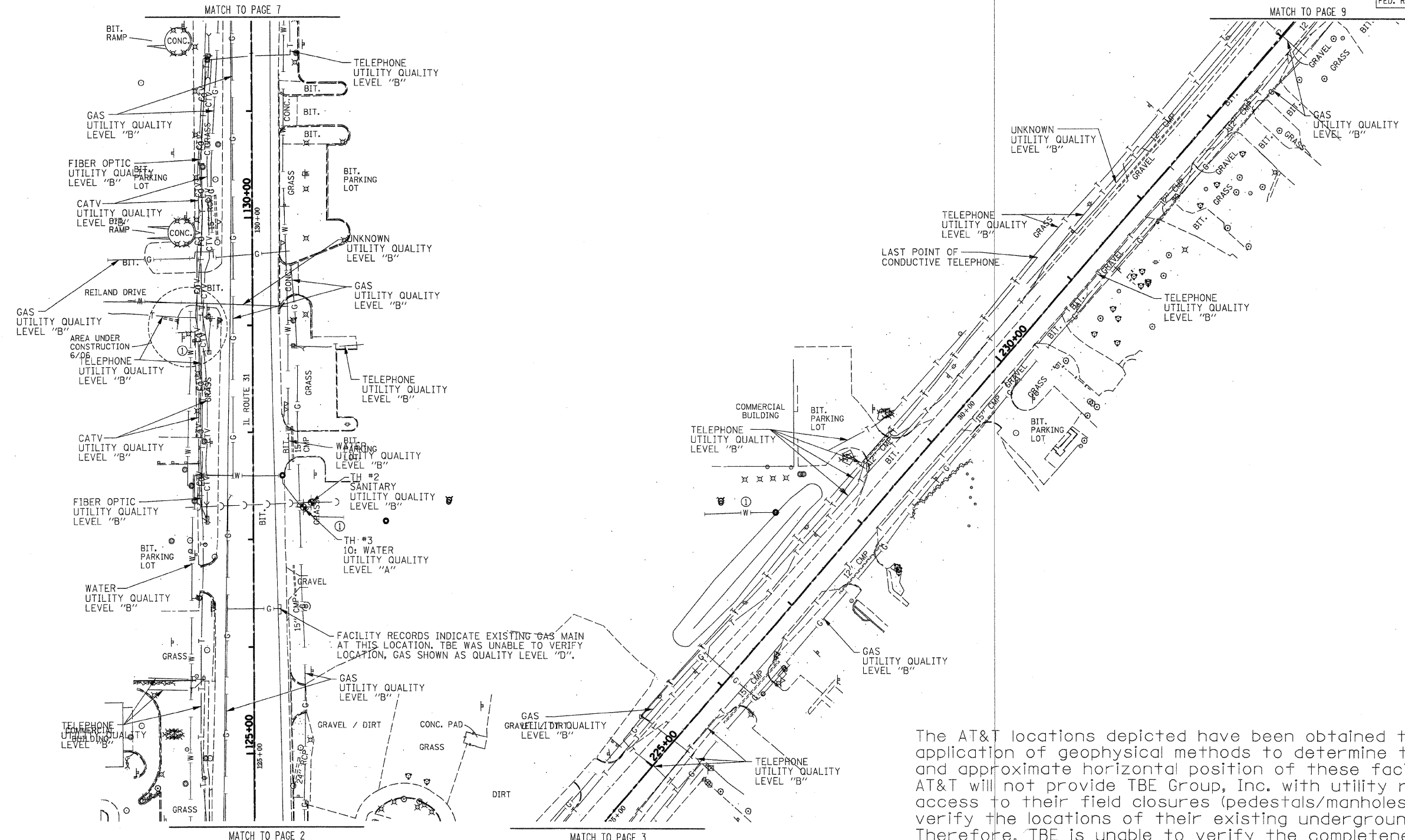

205 W. WACKER DRIVE
SUITE 1020
CHICAGO, IL 60606
(312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUE Investigation of Underground Utilities
IL RT. 31 at IL RT. 176 and Terra Cotta Road
Crystal Lake, IL.
McHenry County
Section No. 112-R-N
Contract No. 62537

DRAWN BY : KLC
SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	112-R-N	McHenry	266	104
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



The AT&T locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, AT&T will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the AT&T locations depicted in accordance with the CI/ASCE Standard 38-02.



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500234, 269, 283, IL09510471
 TBE SUE PAGE NO: 6 of 9
 Checked by: _____

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

—○—○—○—○—○—	SANITARY SEWER
—○—○—○—○—○—	UNKNOWN
—CTV—CTV—CTV—CTV—CTV—	CABLE TV
—T—T—T—T—T—T—	TELEPHONE
—W—W—W—W—W—W—	WATER
—G—G—G—G—G—G—	GAS
—FO—FO—FO—FO—FO—FO—	FIBER OPTIC
—E—E—E—E—E—E—	ELECTRIC
⊕	TEST HOLE

Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was performed during the period 12-26-06 through 3-28-08. Changes to utilities after these dates 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.

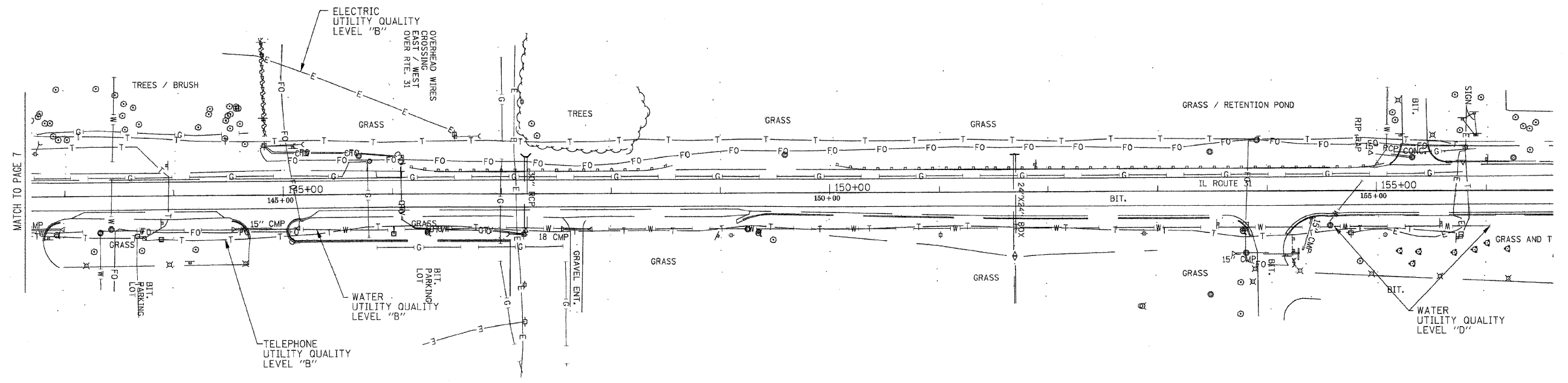
205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	DATE
① ADDED TH# 1-7 REVISED WATER LOCATION	1/27/12

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 IL RT. 31 at IL RT. 176 and Terra Cotta Road
 Crystal Lake, IL
 McHenry County
 Section No. 112-R-N
 Contract No. 62537

DRAWN BY: KLC
 SCALE: 1" = 50'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112-R-N	McHenry	266	106
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62537				



The AT&T locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, AT&T will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the AT&T locations depicted in accordance with the CI/ASCE Standard 38-02.




TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING * LOCATING

IL09500234, 269, 283
 TBE SUE PAGE NO: 8 of 9
 Checked by: *[Signature]*
 Utility Quality Level "B" : Designating
 Utility Quality Level "D" : Records Research

—>—>—>—>—>	SANITARY SEWER
—	UNKNOWN
—CTV—CTV—	CABLE TV
—T—T—	TELEPHONE
—W—W—	WATER
—G—G—	GAS
—FO—FO—	FIBER OPTIC
—E—E—	ELECTRIC

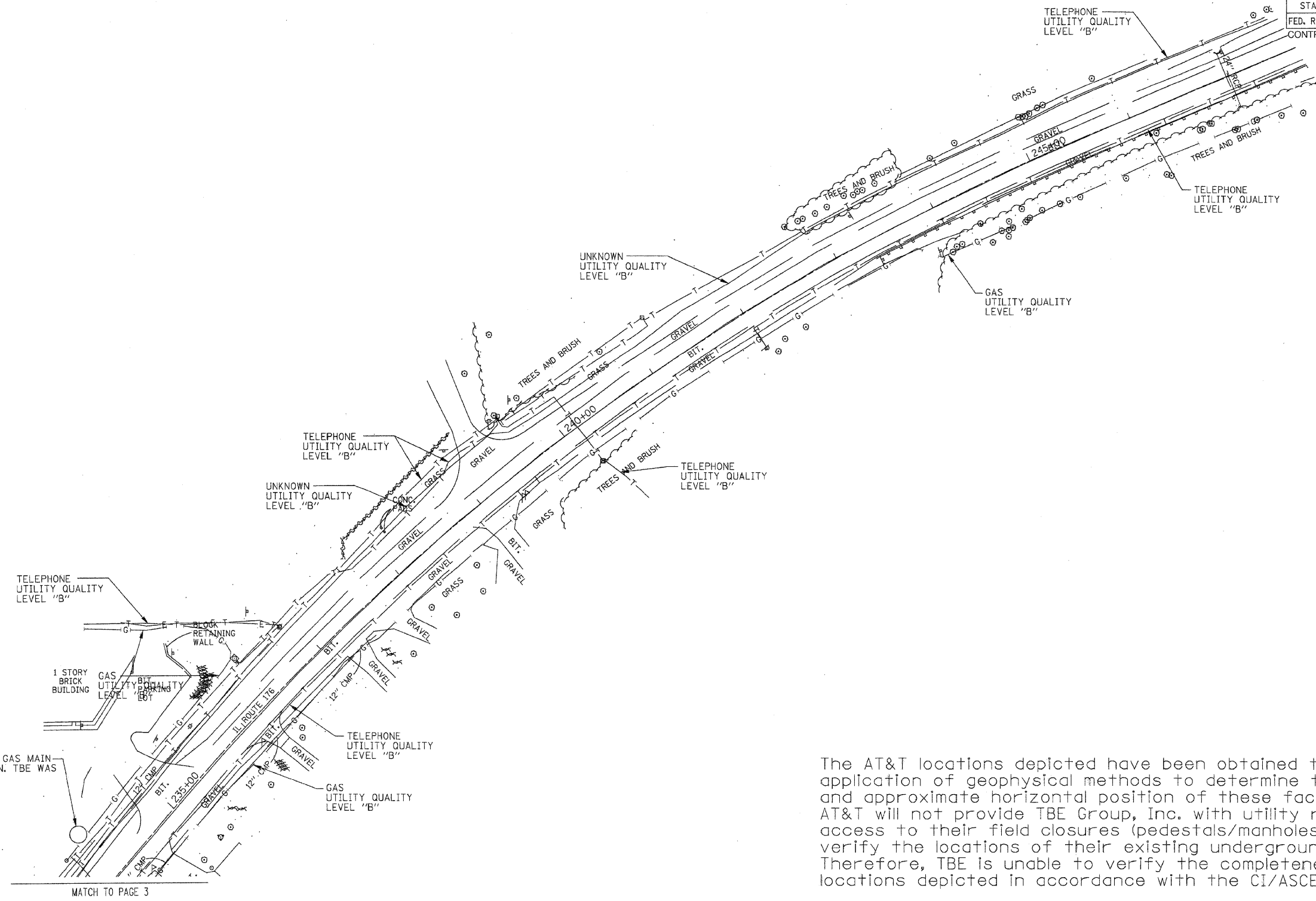
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 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 IL RT. 31 at IL RT. 176 and Terra Cotta Road
 Crystal Lake, IL
 McHenry County
 Section No. 112-R-N
 Contract No. 62537
 DRAWN BY : KLC
 SCALE : 1" = 50'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112-R-N	McHenry	266	107
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62537				



FACILITY RECORDS INDICATE EXISTING GAS MAIN HEADING NORTHWEST AT THIS LOCATION. TBE WAS UNABLE TO VERIFY LOCATION.

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TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500234, 269, 283
 TBE SUE PAGE NO: 9 of 9
 Checked by: *[Signature]*
 Utility Quality Level "B" : Designating
 Utility Quality Level "D" : Records Research

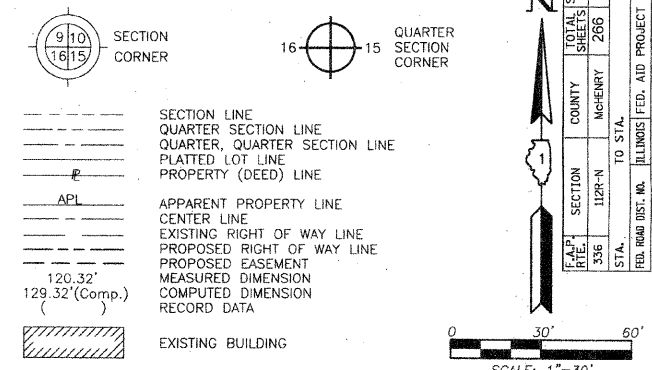
—>—>—>—>	SANITARY SEWER
—	UNKNOWN
—CTV—CTV—	CABLE TV
—T—T—	TELEPHONE
—W—	WATER
—G—	GAS
—FO—FO—	FIBER OPTIC
—E—E—	ELECTRIC

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 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

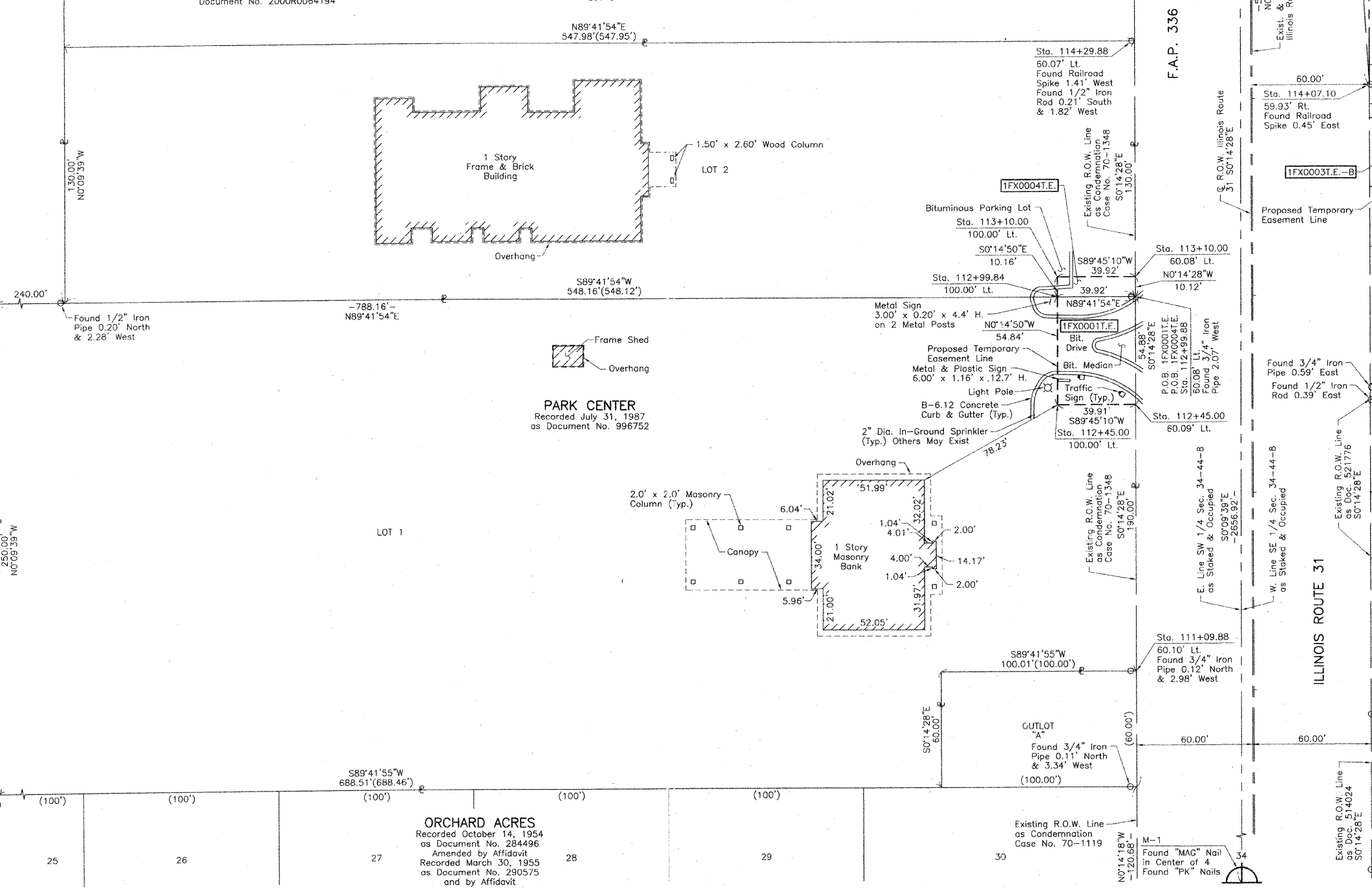
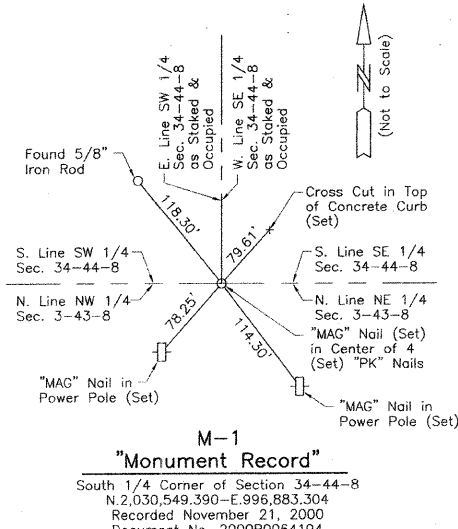
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 IL RT. 31 at IL RT. 176 and Terra Cotta Road
 Crystal Lake, IL
 McHenry County
 Section No. 112-R-N
 Contract No. 62537
 DRAWN BY : KLC
 SCALE : 1" = 50'



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0001T.E	First Midwest Bank, National Association, a national banking association	4.387	N/A	N/A	4.387	0.050	N/A	Driveway Construction	14-34-326-016	
1FX0004T.E	Realty Income Corporation, a Maryland corporation	1.636	N/A	N/A	1.636	0.009	405	Driveway Construction	14-34-326-015	

Parcel	Document No.	Date Recorded
1FX0001	70-1348	*November 25, 1974
1FX0004	70-1348	*November 25, 1974
---	514024	September 4, 1969
---	516964	November 6, 1969
---	521154	March 2, 1970
---	521776	March 17, 1970
---	70-1348	*March 21, 1972
---	70-1119	*May 4, 1972
---	70-1348	*November 25, 1974



Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nurda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE REPRODUCED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 17th DAY OF May 2011 E.A.D.

CHRISTIAN H. JORGENSEN
2797 PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
STATE OF ILLINOIS
LAKE VILLA, ILLINOIS

RESIDENT
APR 29 2011
PLATS & LEGALS

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
111+09.88	60.10' Lt.	2,032,230.285	996,824.832
112+45.00	60.09' Lt.	2,032,365.402	996,824.264
112+45.00	100.00' Lt.	2,032,365.230	996,784.354
112+99.84	100.00' Lt.	2,032,420.073	996,784.117
112+99.88	60.08' Lt.	2,032,420.283	996,824.033
113+10.00	60.08' Lt.	2,032,430.402	996,823.990
113+10.00	100.00' Lt.	2,032,430.229	996,784.073
114+07.10	59.93' Rt.	2,032,528.023	996,943.581
114+29.88	60.07' Lt.	2,032,550.281	996,823.486

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)

SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 110+00 TO STATION 115+00
SCALE: 1"=30' SHEET 2 OF 39

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

BY	DATE

ROW PLAT	MADE	CHECKED	INKED	NO

SECTION CORNER 16 QUARTER SECTION CORNER 15

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APL
APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N, RANGE 8E, OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 16th DAY OF July, 2011 A.D.

CHRISTIAN H. JORGENSEN
7797
PROFESSIONAL
LAND
SURVEYOR
STATE OF
ILLINOIS
LAKE VILLA, ILLINOIS

RECEIVED
APR 29 2011
PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

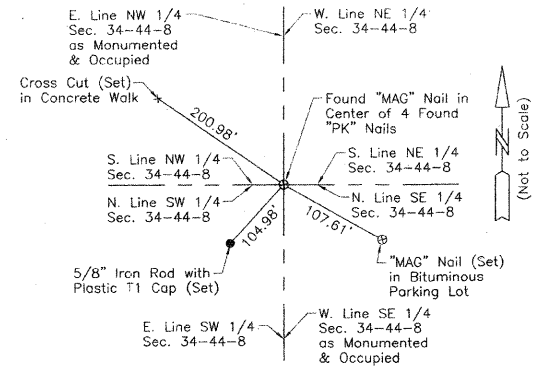
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)

SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 110+00 TO STATION 116+00
SCALE: 1"=30' SHEET 3 OF 39

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

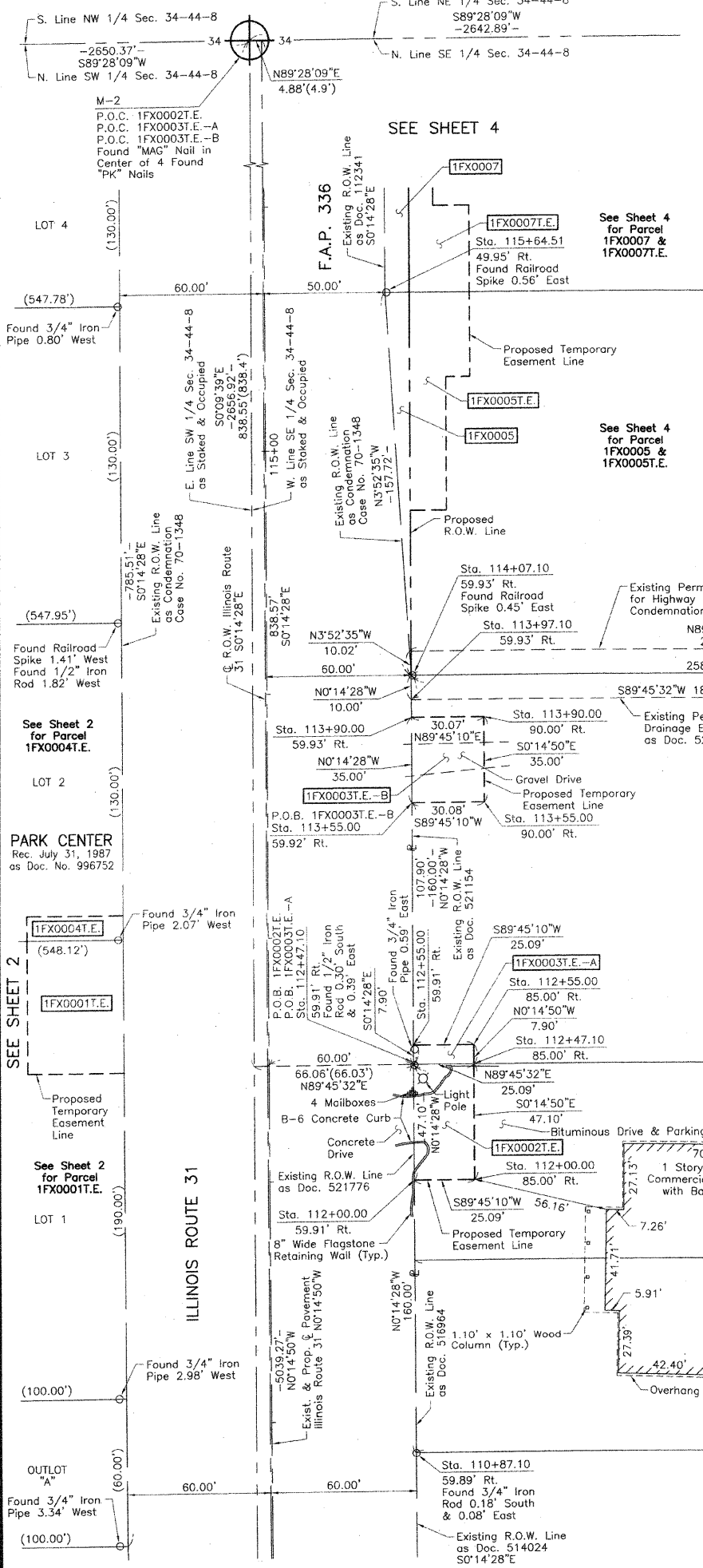
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0002T.E.	Harris Bank Barrington National Association, as Trustee under a trust agreement dated the 7th day of July, 1980, known as Trust Number 11-2059	2.086	N/A	N/A	2.086	0.027	N/A	Driveway Construction	14-34-401-010 14-34-401-011	
1FX0003T.E.-A 1FX0003T.E.-B	7320 N. Western Realty Company LLC	2.086	N/A	N/A	2.086	A=0.005 B=0.024	198 N/A	Grading Driveway Construction	14-34-401-009	



Parcel	Document No.	Date Recorded
1FX0002	516964	November 6, 1969
1FX0002	521776	March 17, 1970
1FX0003	521154	March 2, 1970
1FX0003	525758	June 16, 1970
1FX0003	774069	July 19, 1979
----	112341	November 2, 1934
----	514024	September 4, 1969
----	70-1348	*March 21, 1972
----	70-1348	*November 25, 1974

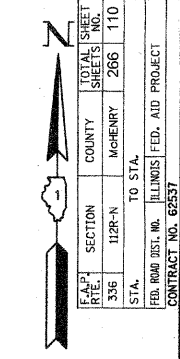
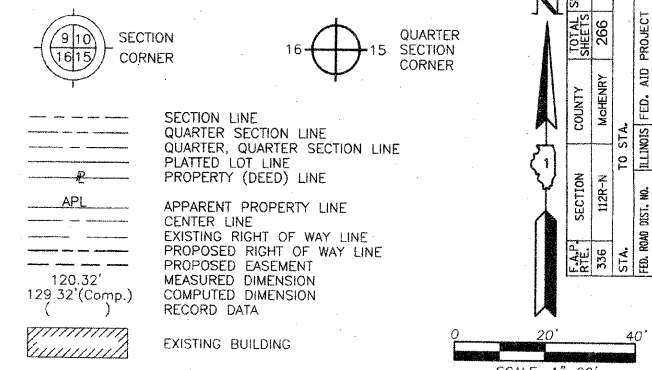
* Date Filed

STATION	OFFSET	NORTH	EAST
110+87.10	59.89' Rt.	2,032,208.026	996,944.927
112+00.00	59.91' Rt.	2,032,320.920	996,944.452
112+00.00	85.00' Rt.	2,032,321.028	996,969.546
112+47.10	59.91' Rt.	2,032,368.025	996,944.254
112+47.10	85.00' Rt.	2,032,368.130	996,969.343
112+55.00	59.91' Rt.	2,032,375.920	996,944.221
112+55.00	85.00' Rt.	2,032,376.028	996,969.309
113+55.00	59.92' Rt.	2,032,475.919	996,943.800
113+55.00	90.00' Rt.	2,032,476.049	996,973.877
113+90.00	59.93' Rt.	2,032,510.918	996,943.653
113+90.00	90.00' Rt.	2,032,511.048	996,973.726
113+97.10	59.93' Rt.	2,032,518.024	996,943.623
114+07.10	59.93' Rt.	2,032,528.023	996,943.581
115+64.51	49.95' Rt.	2,032,685.380	996,932.919



ROW	PLAT	MADE	DATE

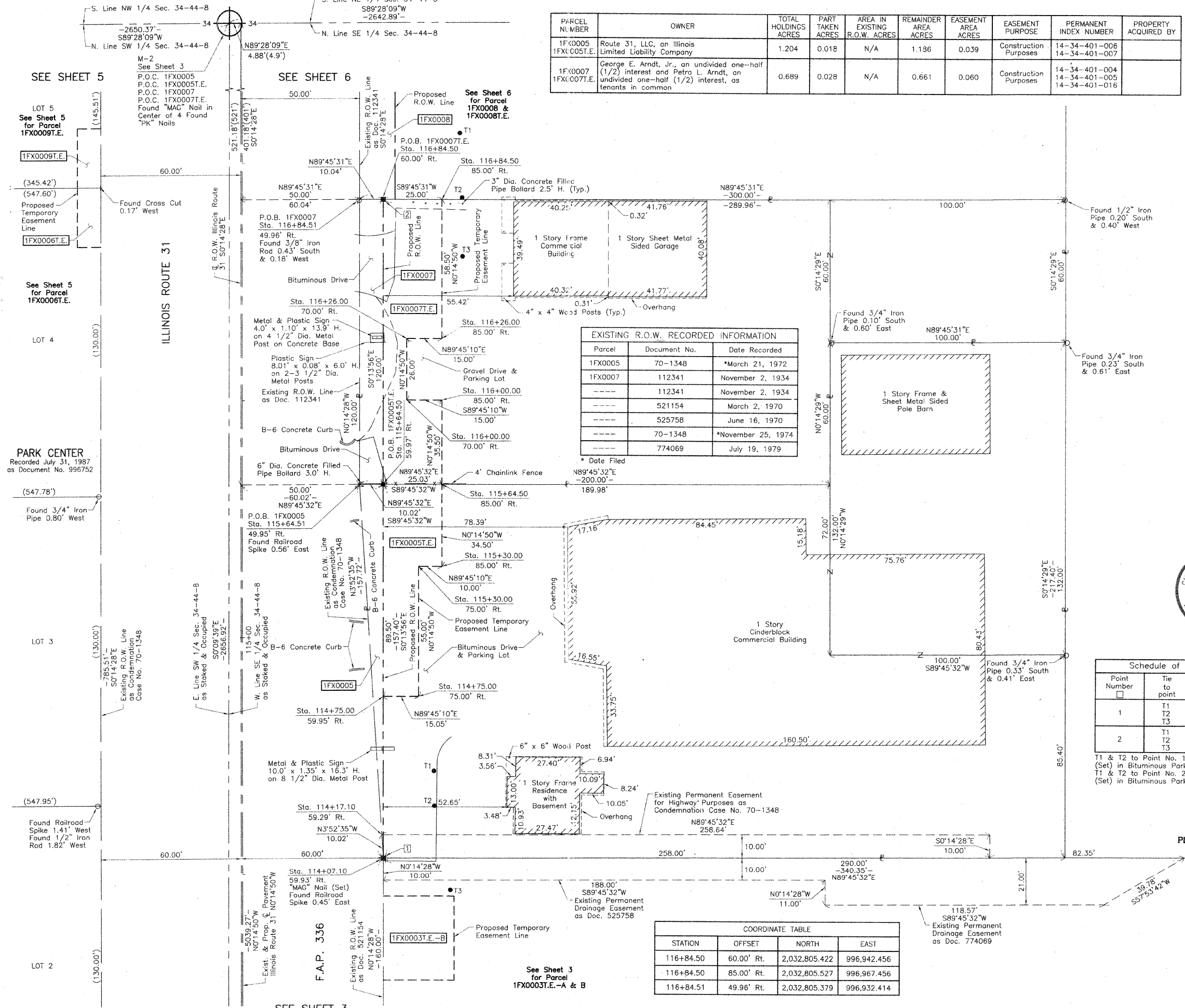
LEGEND



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0005 1FX005T.E.	Route 31, LLC, an Illinois Limited Liability Company	1.204	0.018	N/A	1.186	0.039	Construction Purposes	14-34-401-006 14-34-401-007	
1FX0007 1FX007T.E.	George E. Arndt, Jr., an undivided one-half (1/2) interest and Petra L. Arndt, an undivided one-half (1/2) interest, as tenants in common	0.689	0.028	N/A	0.661	0.060	Construction Purposes	14-34-401-004 14-34-401-005 14-34-401-016	

Parcel	Document No.	Date Recorded
1FX0005	70-1348	*March 21, 1972
1FX0007	112341	November 2, 1934
---	112341	November 2, 1934
---	521154	March 2, 1970
---	525758	June 16, 1970
---	70-1348	*November 25, 1974
---	774069	July 19, 1979

STATION	OFFSET	NORTH	EAST
116+84.50	60.00' Rt.	2,032,805.422	996,942.456
116+84.50	85.00' Rt.	2,032,805.527	996,967.456
116+84.51	49.96' Rt.	2,032,805.379	996,932.414



Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 T2
 T3

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 BT2
 BT3

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2777, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE REPRODUCED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 2nd DAY OF May 2011 E.A.D.



Christian H. Jorgensen PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619,141.789-E.301,410.374.
 NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
114+07.10	59.93' Rt.	2,032,528.023	996,943.581
114+17.10	59.29' Rt.	2,032,538.021	996,942.903
114+75.00	59.95' Rt.	2,032,595.918	996,943.305
114+75.00	75.00' Rt.	2,032,595.983	996,958.360
115+30.00	75.00' Rt.	2,032,650.982	996,958.122
115+30.00	85.00' Rt.	2,032,651.025	996,968.122
115+64.50	59.97' Rt.	2,032,685.422	996,942.942
115+64.50	85.00' Rt.	2,032,685.528	996,967.973
115+64.51	49.95' Rt.	2,032,685.380	996,932.919
116+00.00	70.00' Rt.	2,032,720.960	996,952.820
116+00.00	85.00' Rt.	2,032,721.025	996,967.820
116+26.00	70.00' Rt.	2,032,746.960	996,952.708
116+26.00	85.00' Rt.	2,032,747.024	996,967.708

Point Number	Tie to point	Tie Distance (feet)
1	T1	42.76
	T2	31.08
	T3	31.93
2	T1	43.16
	T2	33.61
	T3	41.28

T1 & T2 to Point No. 1 are "MAG" Nails (Set) in Bituminous Parking Lot.
 T1 & T2 to Point No. 2 are "MAG" Nails (Set) in Bituminous Parking Lot.

RECEIVED
 APR 29 2011
 PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (ILLINOIS ROUTE 31)
 SECTION 112R-N McHENRY COUNTY
 PROJECT JOB NO. R-91-005-02
 STATION 113+00 TO STATION 117+00
 SCALE: 1"=20' SHEET 4 OF 39

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196
 AS DOCUMENT NO.

ROW PLAT	MADE	CHECKED	INKED	DATE	BY

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
119+24.51	49.98' Rt.	2,033,045.378	996,931.404
119+79.38	49.99' Rt.	2,033,100.248	996,931.174

LEGEND

SECTION CORNER: 9/10, 16/15

QUARTER SECTION CORNER: 16, 15

SECTION LINE, QUARTER SECTION LINE, QUARTER QUARTER SECTION LINE, PLATTED LOT LINE, PROPERTY (DEED) LINE

APL: APPARENT PROPERTY LINE

CENTER LINE, EXISTING RIGHT OF WAY LINE, PROPOSED RIGHT OF WAY LINE, PROPOSED EASEMENT

MEASURED DIMENSION, COMPUTED DIMENSION, RECORD DATA

EXISTING BUILDING

Scale: 1"=20'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

IRON PIPE OR ROD FOUND, "MAG" NAIL SET, CUT CROSS FOUND OR SET, 5/8" REBAR SET

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

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

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 2nd DAY OF May 2011 A.D.

CHRISTIAN H. JORGENSEN, PRESIDENT
2797 PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
LAKE VILLA, ILLINOIS

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008

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

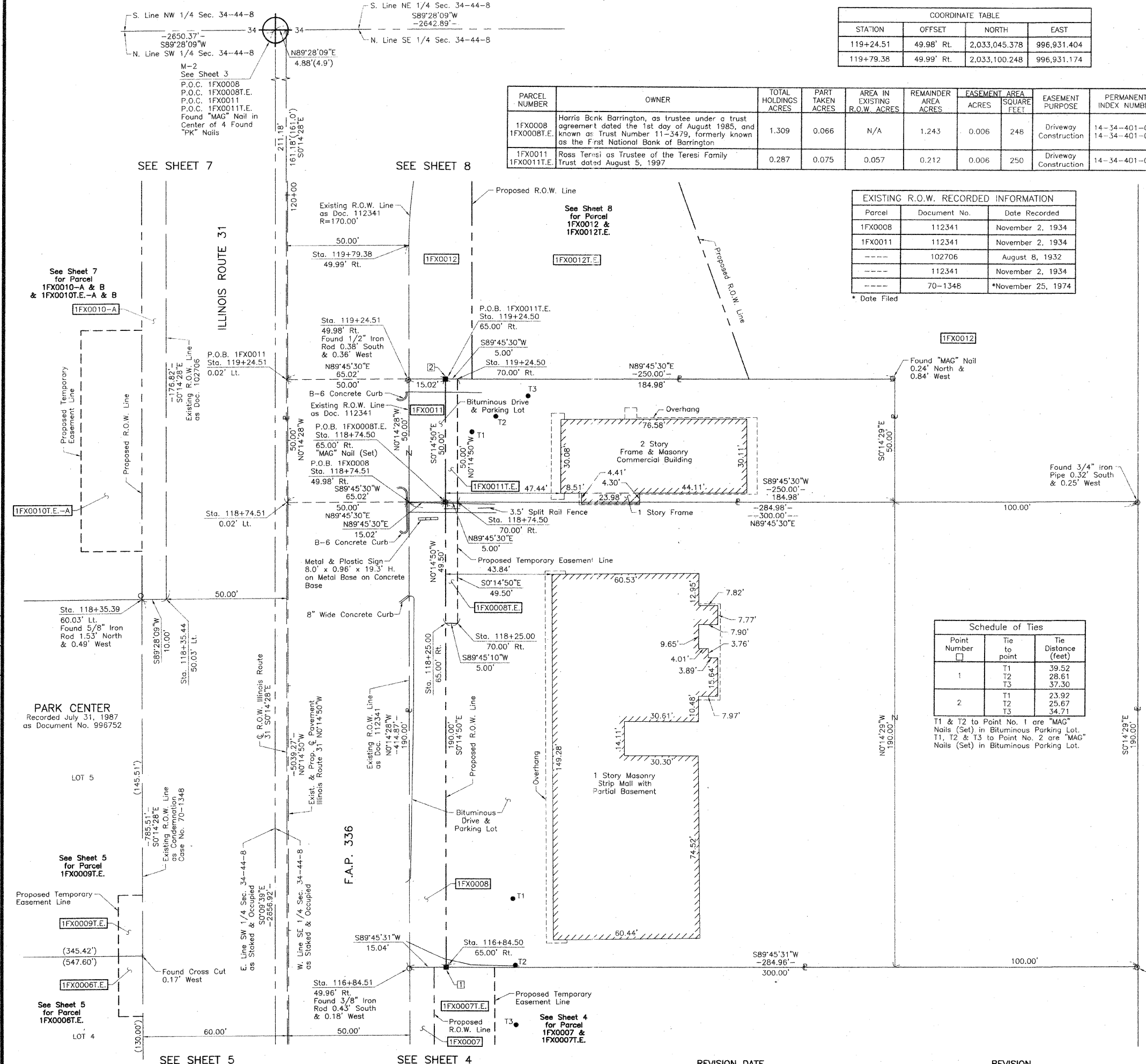
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619,141.789-E.301,410.374.

NOTE: SURFACE COORDINATES ARE SHOWN.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0008 1FX0008T.E.	Harris Bank Barrington, as trustee under a trust agreement dated the 1st day of August 1985, and known as Trust Number 11-3479, formerly known as the First National Bank of Barrington	1.309	0.066	N/A	1.243	0.006	246	Driveway Construction	14-34-401-003 14-34-401-015	
1FX0011 1FX0011T.E.	Ross Teresi as Trustee of the Teresi Family Trust dated August 5, 1997	0.287	0.075	0.057	0.212	0.006	250	Driveway Construction	14-34-401-002	

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1FX0008	112341	November 2, 1934
1FX0011	112341	November 2, 1934
----	102706	August 8, 1932
----	112341	November 2, 1934
----	70-1348	*November 25, 1974

* Date Filed



Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	39.52
	T2	28.61
	T3	37.30
2	T1	23.92
	T2	25.67
	T3	34.71

T1 & T2 to Point No. 1 are "MAG" Nails (Set) in Bituminous Parking Lot.
T1, T2 & T3 to Point No. 2 are "MAG" Nails (Set) in Bituminous Parking Lot.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
116+84.50	65.00' Rt.	2,032,805.443	996,947.456
116+84.51	49.96' Rt.	2,032,805.379	996,932.414
118+25.00	65.00' Rt.	2,032,945.936	996,946.850
118+25.00	70.00' Rt.	2,032,945.958	996,951.850
118+35.39	60.03' Lt.	2,032,955.783	996,821.780
118+35.44	50.03' Lt.	2,032,955.876	996,831.780
118+74.50	65.00' Rt.	2,032,995.441	996,946.636
118+74.50	70.00' Rt.	2,032,995.462	996,951.636
118+74.51	0.02' Lt.	2,032,995.167	996,881.615
118+74.51	49.98' Rt.	2,032,995.378	996,931.615
119+24.50	65.00' Rt.	2,033,045.441	996,946.420
119+24.50	70.00' Rt.	2,033,045.462	996,951.420
119+24.51	0.02' Lt.	2,033,045.166	996,881.405

RECEIVED
APR 29 2011
PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)

SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 116+00 TO STATION 120+00
SCALE: 1"=20' SHEET 6 OF 39

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

BY	DATE	MADE	CHECKED	NOTED

PARK CENTER
Recorded July 31, 1987
as Document No. 996752

SEE SHEET 9

SEE SHEET 10

SEE SHEET 26

Parcel	Document No.	Date Recorded
1FX0012	112341	November 2, 1934
1FX0012	880732	May 7, 1984
----	102706	August 8, 1932
----	102707	August 8, 1932
----	112342	November 2, 1934
----	84 ED 1	May 3, 1984*

* Date Filed

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
121+87.26	50.01' Lt.	2,033,307.702	996,830.274
219+35.78	5.78' Lt.	2,033,277.538	996,805.810
220+93.94	106.44' Rt.	2,033,249.466	997,003.965
300+66.61	0.36' Rt.	2,033,206.957	996,947.336
301+27.85	32.33' Lt.	2,033,240.522	997,008.090
301+48.80	49.00' Rt.	2,033,159.507	997,030.220
301+88.31	163.12' Rt.	2,033,045.968	997,071.376
302+47.82	213.74' Rt.	2,032,996.222	997,131.611
302+48.33	163.74' Rt.	2,033,046.222	997,131.400
303+47.81	214.76' Rt.	2,032,996.643	997,231.609
303+49.66	34.83' Rt.	2,033,176.583	997,230.851
303+50.00	1.83' Rt.	2,033,209.583	997,230.712

LEGEND

SECTION CORNER: 9/10 16/15

QUARTER SECTION CORNER: 16 15

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

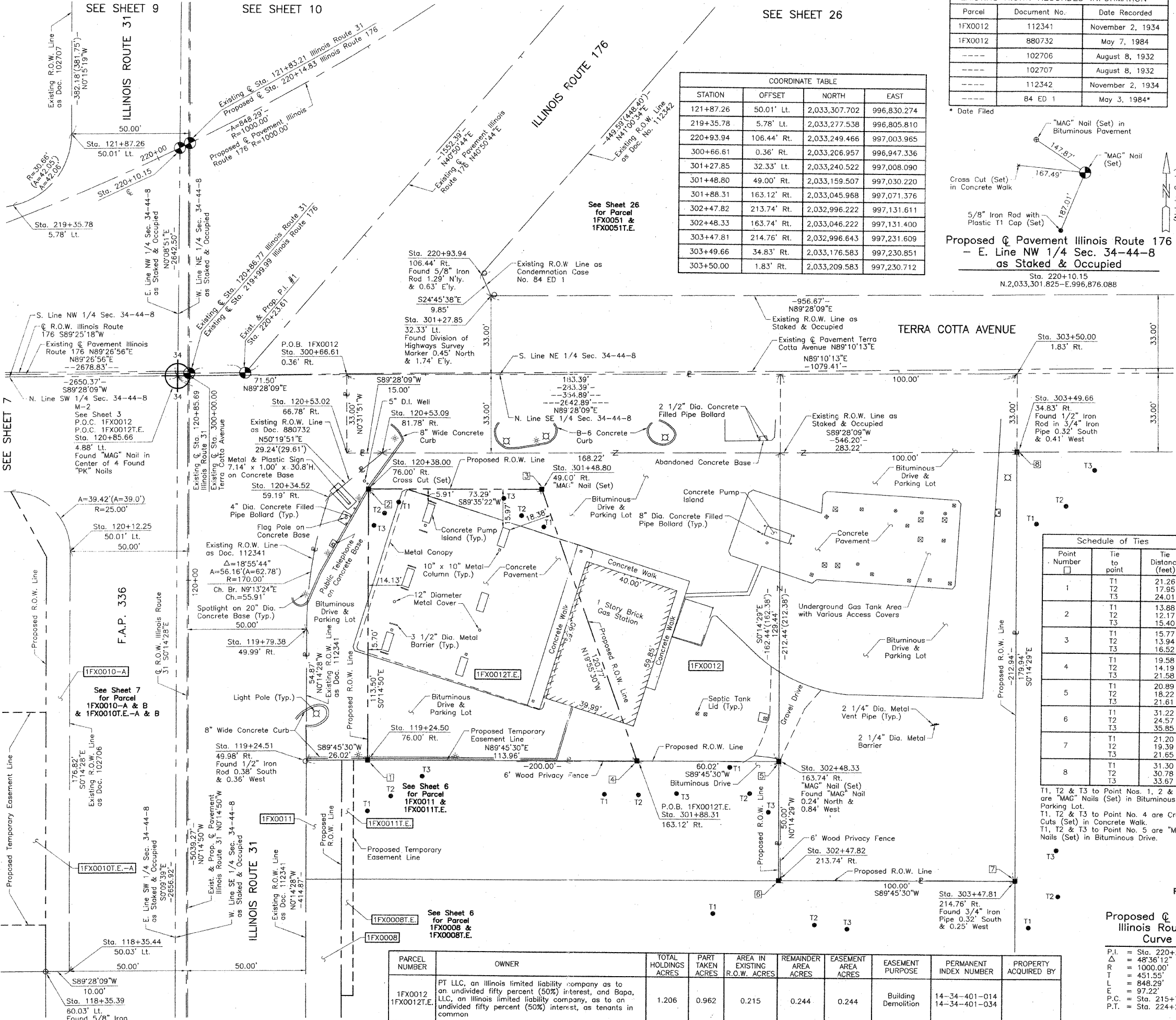
APL
 APPARENT PROPERTY LINE
 CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA

EXISTING BUILDING

Scale: 1"=20'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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 PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET.



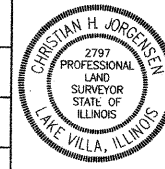
Proposed Q Pavement Illinois Route 176 - E. Line NW 1/4 Sec. 34-44-8 as Staked & Occupied

Sta. 220+10.15
 N.2,033,301.825-E.996,876.088

Point Number	Tie to point	Tie Distance (feet)
1	T1	21.26
	T2	17.95
	T3	24.01
2	T1	13.88
	T2	12.17
	T3	15.40
3	T1	15.77
	T2	13.94
	T3	16.52
4	T1	19.58
	T2	14.19
	T3	21.58
5	T1	20.89
	T2	18.22
	T3	21.61
6	T1	31.22
	T2	24.57
	T3	35.85
7	T1	21.20
	T2	19.39
	T3	21.65
8	T1	31.30
	T2	30.78
	T3	33.67

T1, T2 & T3 to Point Nos. 1, 2 & 3 are "MAG" Nails (Set) in Bituminous Parking Lot.
 T1, T2 & T3 to Point No. 4 are Cross Cuts (Set) in Concrete Walk.
 T1, T2 & T3 to Point No. 5 are "MAG" Nails (Set) in Bituminous Drive.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
118+35.39	60.03' Lt.	2,032,955.783	996,821.780
118+35.44	50.03' Lt.	2,032,955.876	996,831.780
119+24.50	76.00' Rt.	2,033,045.487	996,957.420
119+24.51	49.98' Rt.	2,033,045.378	996,931.404
119+79.38	49.99' Rt.	2,033,100.248	996,931.174
120+12.25	50.01' Lt.	2,033,132.691	996,831.036
120+34.52	59.19' Rt.	2,033,155.433	996,940.135
120+38.00	76.00' Rt.	2,033,158.982	996,956.931
120+53.02	66.78' Rt.	2,033,173.959	996,947.641
120+53.09	81.78' Rt.	2,033,174.098	996,962.641
120+85.66	4.88' Lt.	2,033,206.295	996,875.842



JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

RECEIVED APR 29 2011 PLATS & LEGALS

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (ILLINOIS ROUTE 31)

SECTION 112R-N McHENRY COUNTY
 PROJECT JOB NO. R-91-005-02
 STATION 118+00 TO STATION 122+00
 STATION 219+00 TO STATION 221+00
 STATION 300+00 TO STATION 304+00
 SCALE: 1"=20' SHEET 8 OF 39

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

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0012, 1FX0012T.E.	PT LLC, an Illinois limited liability company as to an undivided fifty percent (50%) interest, and Bapa, LLC, an Illinois limited liability company, as to an undivided fifty percent (50%) interest, as tenants in common	1.206	0.962	0.215	0.244	0.244	Building Demolition	14-34-401-014 14-34-401-034	

REVISION DATE April 28, 2011

REVISION Changed Parcel 1FX0012DED to 1FX0012

MADE BY

RECORDING: RECORDED ON

AS DOCUMENT NO.

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	57.04 23.18 34.94
2	T1 T2 T3	35.58 17.32 31.54
3	T1 T2 T3	25.90 46.57 68.28
4	T1 T2 T3	48.93 52.07 59.92

T1 to Point No. 1 is a "MAG" Nail (Set) in 8" Tree.
T2 & T3 to Point No. 1 are a "MAG" Nail (Set) in Bituminous Pavement.
T1, T2 & T3 to Point No. 2 are a Cross Cut (Set) in Concrete Walk.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
123+19.16	50.03' Lt.	2,033,439.598	996,829.686
216+79.87	45.21' Lt.	2,033,255.058	996,555.054
216+81.42	57.06' Lt.	2,033,266.993	996,555.118
216+82.08	62.02' Lt.	2,033,271.994	996,555.145
216+86.00	62.00' Lt.	2,033,272.420	996,558.792
216+87.00	67.00' Lt.	2,033,277.497	996,559.101
217+26.80	39.30' Lt.	2,033,255.516	996,600.383
217+46.00	57.00' Lt.	2,033,276.110	996,615.314

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
217+76.00	59.52' Lt.	2,033,284.157	996,642.512
217+76.00	67.00' Lt.	2,033,291.463	996,640.928
218+65.00	62.00' Lt.	2,033,307.874	996,722.678
218+96.22	106.77' Rt.	2,033,157.585	996,805.784
219+35.78	5.78' Lt.	2,033,277.538	996,805.810
219+44.00	81.00' Lt.	2,033,350.357	996,785.394

Proposed Pavement Illinois Route 176 Curve #1

P.I. = Sta. 220+23.61
 Δ = 48°36'12"
 R = 1000.00'
 T = 100.00'
 L = 848.29'
 E = 97.22'
 P.C. = Sta. 215+72.06
 P.T. = Sta. 224+20.35

LEGEND

SECTION CORNER
 QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL
 APPARENT PROPERTY LINE
 CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA

EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NHO131 and "Crystal Lake 2A", P.I.D. AJ2959.

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ● PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

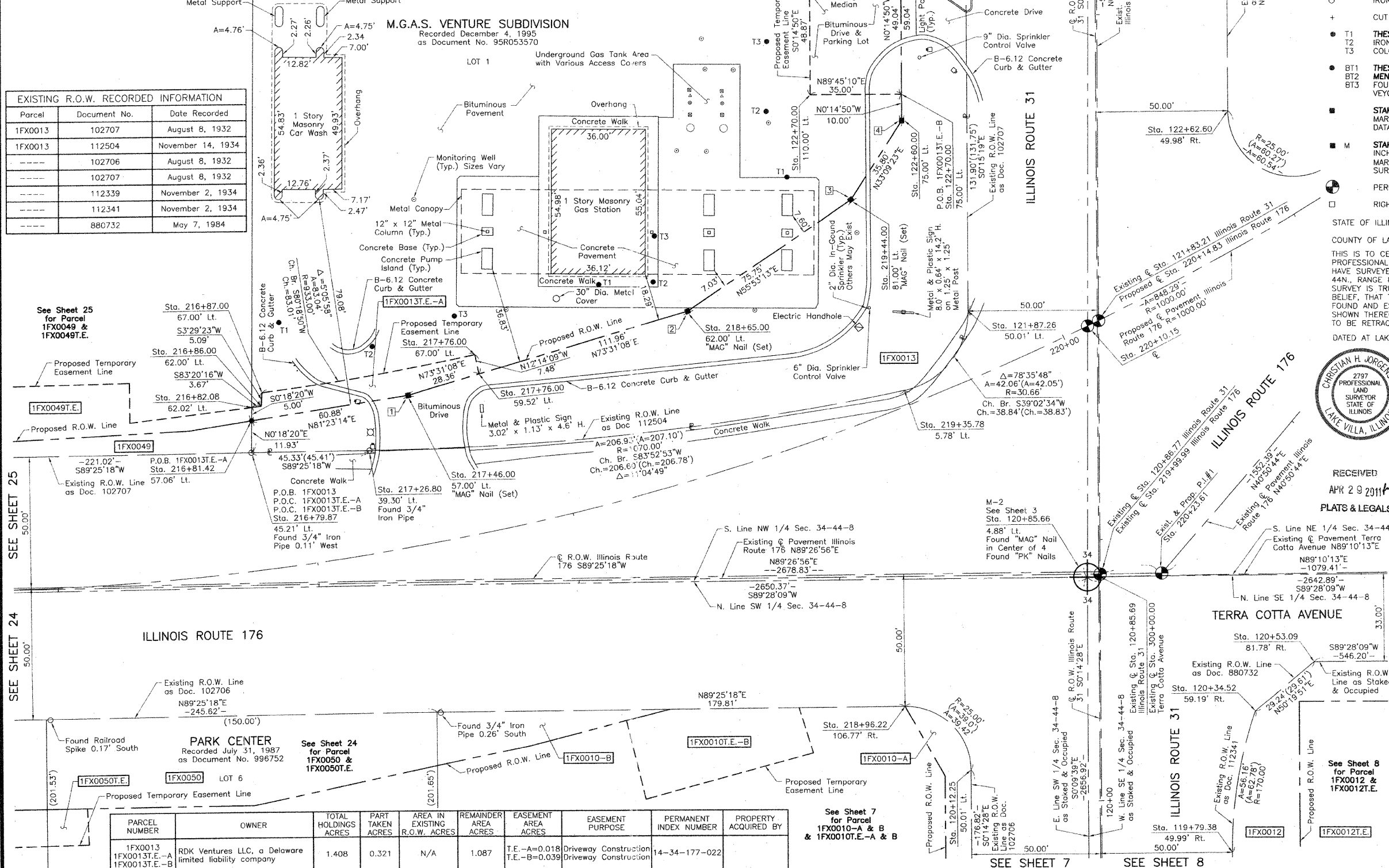
STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS 29th DAY OF February 2011.

Christian H. Jorgensen - PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NHO131, of N.619.141.789 - E.301.410.374.
 NOTE: SURFACE COORDINATES ARE SHOWN.

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FX0013	102707	August 8, 1932
1FX0013	112504	November 14, 1934
-----	102706	August 8, 1932
-----	102707	August 8, 1932
-----	112339	November 2, 1934
-----	112341	November 2, 1934
-----	880732	May 7, 1984



COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
119+79.38	49.99' Rt.	2,033,100.248	996,931.174
120+12.25	50.01' Lt.	2,033,132.691	996,831.036
120+34.52	59.19' Rt.	2,033,155.433	996,940.135
120+53.09	81.78' Rt.	2,033,174.098	996,962.641
120+85.66	4.88' Lt.	2,033,206.295	996,875.824
121+87.26	50.01' Lt.	2,033,307.702	996,830.272
122+60.00	75.00' Lt.	2,033,380.328	996,804.974
122+62.60	49.98' Rt.	2,033,383.468	996,929.937
122+70.00	75.00' Lt.	2,033,390.328	996,804.931
122+70.00	110.00' Lt.	2,033,390.177	996,769.932
123+16.87	110.00' Lt.	2,033,439.047	996,769.721
123+19.04	75.00' Lt.	2,033,439.369	996,804.720

BY DATE
 MADE CHECKED INKED
 ROW PLAT
 NOTEBOOK NO.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0013 1FX0013T.E.-A 1FX0013T.E.-B	RDK Ventures LLC, a Delaware limited liability company	1.408	0.321	N/A	1.087	T.E.-A=0.018 T.E.-B=0.039	Driveway Construction Driveway Construction	14-34-177-022	

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (ILLINOIS ROUTE 31)
 SECTION 112R-N McHENRY COUNTY
 PROJECT JOB NO. R-91-005-02
 STATION 120+00 TO STATION 124+00
 STATION 216+00 TO STATION 221+00
 SCALE: 1"=20' SHEET 9 OF 39

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

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0014	G & D Arvanitis, LLC, an Illinois limited liability company	3.160	0.756	N/A	2.404	T.E.-A=0.007 T.E.-B=0.145 T.E.-C=0.111	315 N/A N/A	Grading Grading Construction Purposes	14-34-251-003 14-34-251-011 14-34-251-014 14-34-251-015	
1FX0020	Mary Montesantos	0.923	0.080	N/A	0.843	N/A	N/A	N/A	14-34-251-012	

Proposed Pavement Illinois Route 176 Curve #1

P.I. = Sta. 220+23.61
 Δ = 48°36'12"
 R = 1000.00'
 L = 451.55'
 E.C. = 220+23.61
 P.C. = Sta. 215+72.06
 P.T. = Sta. 224+20.35

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	21.48
	T2	17.43
	T3	24.17
2	T1	17.72
	T2	12.72
	T3	21.08
3	T1	24.08
	T2	21.46
	T3	28.08
4	T1	28.41
	T2	25.97
	T3	34.64
5	T1	24.53
	T2	21.04
	T3	29.96

T1 to Point No. 3 is a Cross Cut (Set) in Concrete Curb.
 All Ties to Point Nos. 4 & 5 are a Cross Cut (Set) in Concrete Curb.

LEGEND

SECTION CORNER
 QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL
 APPARENT PROPERTY LINE
 CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA

EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771-44N, RANGE 8E, OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS 2nd DAY OF July 20 2010 A.D.

CHRISTIAN H. JORGENSEN
 2797 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS
 LAKE VILLA, ILLINOIS

RECEIVED
 APR 29 2011
 PLATS & LEGALS

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FX0014	112339	November 2, 1934
1FX0020	80253	October 7, 1927
1FX0020	112339	November 2, 1934
-----	80253	October 7, 1927
-----	102707	August 8, 1932
-----	112339	November 2, 1934
-----	112342	November 2, 1934
-----	332585	December 12, 1957

See Sheet 28 for Parcel 1FX0055 & 1FX0055T.E.-A & B

Proposed Temporary Easement Line
 Sta. 227+81.48
 75.00' Lt.

Sta. 226+89.00
 123.00' Lt.

Sta. 227+18.85
 146.30' Lt.

Sta. 226+54.00
 75.00' Lt.

Sta. 225+65.00
 75.00' Lt.

Sta. 224+99.00
 115.00' Lt.

Sta. 224+64.71
 40.84' Lt.

Sta. 224+15.24
 39.88' Lt.

Sta. 227+81.48
 75.00' Lt.

Sta. 226+89.00
 123.00' Lt.

Sta. 227+18.85
 146.30' Lt.

Sta. 226+54.00
 75.00' Lt.

Sta. 225+65.00
 75.00' Lt.

Sta. 224+99.00
 115.00' Lt.

Sta. 224+64.71
 40.84' Lt.

Sta. 224+15.24
 39.88' Lt.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
125+00.00	65.00' Rt.	2,033,620.930	996,943.938
125+00.00	70.00' Rt.	2,033,620.952	996,948.938
125+90.10	49.93' Rt.	2,033,710.969	996,928.478
126+90.12	44.91' Rt.	2,033,810.966	996,923.032
127+47.01	40.83' Rt.	2,033,867.834	996,918.706
127+47.10	65.00' Rt.	2,033,868.025	996,942.872
127+90.14	39.90' Rt.	2,033,910.962	996,917.586
128+87.01	39.89' Rt.	2,034,007.825	996,917.154
128+87.10	65.00' Rt.	2,034,008.024	996,942.268
129+12.45	50.12' Lt.	2,034,032.878	996,827.048
129+72.45	50.13' Lt.	2,034,092.878	996,826.774
222+64.00	74.63' Lt.	2,033,496.433	997,040.433
223+04.00	70.00' Lt.	2,033,517.469	997,071.347
223+62.08	44.50' Lt.	2,033,537.318	997,128.381
223+64.00	70.00' Lt.	2,033,556.370	997,111.340
223+98.00	80.00' Lt.	2,033,586.164	997,125.527
224+41.00	115.00' Lt.	2,033,640.079	997,126.177
224+64.71	40.84' Lt.	2,033,609.513	997,197.786
224+99.00	115.00' Lt.	2,033,683.955	997,164.110
225+15.17	49.31' Rt.	2,033,588.725	997,298.978
225+65.00	70.00' Lt.	2,033,704.451	997,241.317
225+65.00	73.04' Lt.	2,033,706.438	997,239.018
225+65.00	75.00' Lt.	2,033,707.721	997,237.535
226+15.20	44.59' Rt.	2,033,667.481	997,360.836
226+54.00	75.00' Lt.	2,033,775.047	997,295.743
226+89.00	123.00' Lt.	2,033,832.917	997,282.323
227+15.24	39.88' Rt.	2,033,746.237	997,422.695
227+18.85	146.30' Lt.	2,033,870.733	997,284.221
227+81.48	75.00' Lt.	2,033,871.486	997,379.120
228+12.37	39.84' Lt.	2,033,871.857	997,425.915

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
125+00.00	65.00' Rt.	2,033,620.930	996,943.938
125+00.00	70.00' Rt.	2,033,620.952	996,948.938
125+90.10	49.93' Rt.	2,033,710.969	996,928.478
126+90.12	44.91' Rt.	2,033,810.966	996,923.032
127+47.01	40.83' Rt.	2,033,867.834	996,918.706
127+47.10	65.00' Rt.	2,033,868.025	996,942.872
127+90.14	39.90' Rt.	2,033,910.962	996,917.586
128+87.01	39.89' Rt.	2,034,007.825	996,917.154
128+87.10	65.00' Rt.	2,034,008.024	996,942.268
129+12.45	50.12' Lt.	2,034,032.878	996,827.048
129+72.45	50.13' Lt.	2,034,092.878	996,826.774
222+64.00	74.63' Lt.	2,033,496.433	997,040.433

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (ILLINOIS ROUTE 31)

SECTION 112R-N
 PROJECT
 STATION 124+00
 STATION 224+50
 SCALE: 1"=30'

McHENRY COUNTY
 JOB NO. R-91-005-02
 TO STATION 130+00
 TO STATION 229+00
 SHEET 11 OF 39

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

ROW	FLAT	MADE	CHECKED	DATE

M.G.A.S. VENTURE SUBDIVISION
 Rec. December 4, 1995
 as Doc. No. 95R053570

F.A.P. 336
 P.O.C. 1FX0014
 P.O.C. 1FX0014T.E.-A, B & C
 P.O.C. 1FX0020
 Found "MAG" Nail in Center of 4 Found "PK" Nails

See Sheet 11 for Continuation of Parcel 1FX0014 & 1FX0014T.E.-B & for Parcel 1FX0014T.E.-A

See Sheet 10 for Parcel 1FX0015 & 1FX0015T.E.

See Sheet 11 for Parcel 1FX0015 & 1FX0015T.E.

See Sheet 26 for Parcel 1FX0051 & 1FX0051T.E.

See Sheet 27 for Parcel 1FX0052 & 1FX0052T.E.-A & B

See Sheet 27 for Parcel 1FX0053 & 1FX0053T.E.

See Sheet 28 for Parcel 1FX0055 & 1FX0055T.E.-A & B

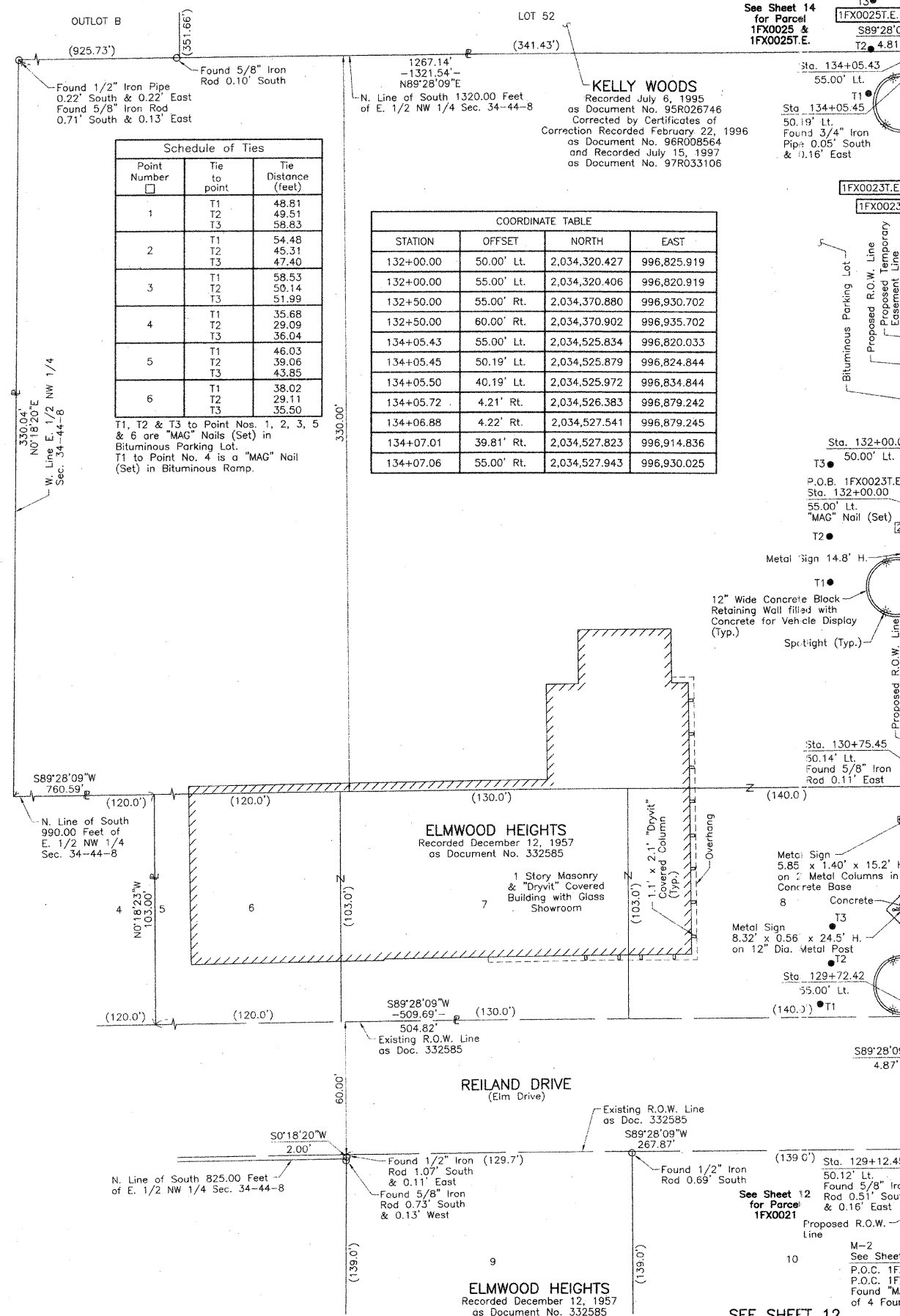
REVISION DATE June 15, 2010

REVISION Total Holdings Parcel 1FX0014, Owner Parcel 1FX0020 MADE BY

PART OF THE NORTH 1/2 OF SEC. 34, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0022 1FX0022T.E.	Home State Bank/National Association, its successor as Trustee under a trust agreement dated the 14th day of December, 2006 and known as Trust Number 5620	5.353	0.654	0.447	4.699	0.020	Grading	14-34-251-004 14-34-251-008	
1FX0023 1FX0023T.E.	United Bank of Illinois, N.A., as Trustee under a trust agreement dated April 4, 1986 and known as trust number 2620	11.220	0.428	0.328	10.792	0.023	Grading	14-34-176-001 14-34-176-007 14-34-176-008 14-34-176-009 14-34-176-010	

SEE SHEET 14



Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	48.81 49.51 58.83
2	T1 T2 T3	54.48 45.31 47.40
3	T1 T2 T3	58.53 50.14 51.99
4	T1 T2 T3	35.68 29.09 36.04
5	T1 T2 T3	46.03 39.06 43.85
6	T1 T2 T3	38.02 29.11 35.50

T1, T2 & T3 to Point Nos. 1, 2, 3, 5 & 6 are "MAG" Nails (Set) in Bituminous Parking Lot.
T1 to Point No. 4 is a "MAG" Nail (Set) in Bituminous Ramp.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
132+00.00	50.00' Lt.	2,034,320.427	996,825.919
132+00.00	55.00' Lt.	2,034,320.406	996,820.919
132+50.00	60.00' Rt.	2,034,370.880	996,930.702
134+05.43	55.00' Lt.	2,034,525.834	996,820.033
134+05.45	50.19' Lt.	2,034,525.879	996,824.844
134+05.50	40.19' Lt.	2,034,525.972	996,834.844
134+05.72	4.21' Rt.	2,034,526.383	996,879.242
134+06.88	4.22' Rt.	2,034,527.541	996,879.245
134+07.01	39.81' Rt.	2,034,527.823	996,914.836
134+07.06	55.00' Rt.	2,034,527.943	996,930.025

DATE	BY

ROW PLAT	MADE	CHECKED	INKED	NOTEBOOK NO.

LEGEND

SECTION CORNER 910 1615
QUARTER SECTION CORNER 16 15

SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

SCALE: 1"=30'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● T2
● T3
● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● BT2
● BT3
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS 4th DAY OF April 2008 A.D.

CHRISTIAN H. JORGENSEN
2797
PROFESSIONAL
LAND
SURVEYOR
STATE OF
ILLINOIS
LAKE VILLA, ILLINOIS

RECEIVED
AUG 30 2010
PLATS & LEGALS

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FX0022	80253	October 7, 1927
1FX0023	80252	October 7, 1927
1FX0023	332585	December 12, 1957
---	332585	December 12, 1957
---	95R026746	July 6, 1995

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
128+86.86	0.64' Rt.	2,034,007.514	996,877.906
128+87.01	39.89' Rt.	2,034,007.825	996,917.154
128+87.10	65.00' Rt.	2,034,008.024	996,942.268
129+12.45	50.12' Lt.	2,034,032.878	996,827.042
129+72.42	55.00' Lt.	2,034,092.833	996,821.901
129+72.45	50.13' Lt.	2,034,092.878	996,826.774
130+00.00	55.00' Rt.	2,034,120.882	996,931.781
130+00.00	65.00' Rt.	2,034,120.925	996,941.781
130+75.00	55.00' Rt.	2,034,195.882	996,931.457
130+75.00	60.00' Rt.	2,034,195.903	996,936.457
130+75.45	50.14' Lt.	2,034,195.878	996,826.315
130+75.50	40.14' Lt.	2,034,195.971	996,836.315
130+75.71	1.94' Rt.	2,034,196.361	996,878.392

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)

SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 128+00 TO STATION 135+00
SCALE: 1"=30' SHEET 13 OF 39

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

PART OF THE NORTH 1/2 OF SEC. 34, TWP. 14 N., R. 8 E., IN THE 3RD P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART ACRES	TAKEN SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0024-A 1FX0024-B	Hole State Bank, as Trustee under Trust Agreement dated the 29th day of October, 2006 and known as Trust Number 5218	5.027	A=0.244 B=0.010	N/A 416	0.156	4.773	N/A	N/A	14-34-202-005	
1FX0025 1FX0025T.E.	Makin Dust of Illinois, LLC	2.748	0.071	N/A	N/A	2.677	0.021	Grading	14-34-128-024	
1FX0026	Jeffrey M. Danca, as Trustee under the Jeffrey M. Danca Self-Declaration of Trust dated May 9, 1998	0.992	0.051	N/A	N/A	0.941	N/A	N/A	14-34-202-001	
1FX0028T.E.	The Chicago Trust Company, as Trustee under a trust agreement dated the 23rd day of December, 1998, known as Trust Number 1106719	0.428	N/A	N/A	N/A	0.428	0.066	Grading	14-34-201-006	

STATION	OFFSET	NORTH	EAST
136+02.12	70.00' Rt.	2,034,723.062	996,944.183
137+55.49	50.24' Lt.	2,034,875.914	996,823.284
137+55.49	70.00' Lt.	2,034,875.826	996,803.523
137+62.07	56.67' Rt.	2,034,882.956	996,930.161
137+62.12	70.00' Rt.	2,034,883.061	996,943.493
138+22.08	57.08' Rt.	2,034,942.959	996,930.315

STATION	OFFSET	NORTH	EAST
138+22.19	90.00' Rt.	2,034,943.220	996,963.233
138+25.49	65.25' Lt.	2,034,945.847	996,807.972
138+40.49	50.25' Lt.	2,034,960.913	996,822.905
139+09.51	39.74' Rt.	2,035,030.321	996,912.597
139+09.55	50.00' Rt.	2,035,030.402	996,922.857
139+09.58	57.68' Rt.	2,035,030.463	996,930.540
139+09.69	90.00' Rt.	2,035,030.720	996,962.856

Point Number	Tie to point	Tie Distance (feet)
1	T1	44.80
	T2	36.59
	T3	42.51
2	T1	30.38
	T2	16.82
	T3	27.55
3	T1	23.31
	T2	22.79
	T3	23.58
4	T1	67.75
	T2	44.52
	T3	73.77
5	T1	38.08
	T2	27.74
	T3	27.52
6	T1	20.21
	T2	26.22
	T3	35.20
7	T1	37.15
	T2	26.81
	T3	38.67

KELLY WOODS
Recorded July 6, 1995
as Document No. 95R026746
Corrected by Certificates of Correction Recorded February 22, 1996
as Document No. 96R008564
and Recorded July 15, 1997
as Document No. 97R033106

BY	DATE	MADE	CHECKED	INKED	NOTEBOOK NO.

SEE SHEET 16

SEE SHEET 15

ILLINOIS ROUTE 31

F.A.P. 336

SEE SHEET 35 FOR TOTAL HOLDINGS PARCEL 1FX0024

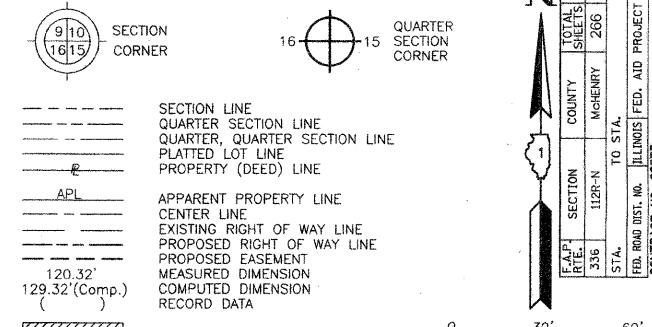
SEE SHEET 13 for Parcel 1FX0022 & 1FX0022T.E.

SEE SHEET 13

REVISION Ownership Parcels 1FX0024 & 1FX0025

RECORDING: RECORDED ON

LEGEND



Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS }
COUNTY OF LAKE }
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS 2nd DAY OF May 2008 A.D.

RECEIVED
AUG 30 2010
PLATS & LEGALS

STATION	OFFSET	NORTH	EAST
134+05.43	55.00' Lt.	2,034,525.834	996,820.033
134+05.45	50.19' Lt.	2,034,525.879	996,824.844
134+05.50	40.19' Lt.	2,034,525.972	996,834.844
134+06.88	4.22' Rt.	2,034,527.541	996,879.245
134+07.01	39.81' Rt.	2,034,527.823	996,914.836
134+07.06	55.00' Rt.	2,034,527.943	996,930.025
134+90.00	55.00' Rt.	2,034,610.878	996,929.667
136+00.00	50.22' Lt.	2,034,720.423	996,823.977
136+00.00	55.00' Lt.	2,034,720.402	996,819.193
136+00.00	70.00' Lt.	2,034,720.337	996,804.193
136+01.89	5.56' Rt.	2,034,722.551	996,879.747
136+02.01	39.78' Rt.	2,034,722.822	996,913.967
136+02.07	55.56' Rt.	2,034,722.947	996,929.748

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 134+00 TO STATION 140+00
SCALE: 1"=30' SHEET 14 OF 39

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196
AS DOCUMENT NO.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0027	31 North Retail, LLC, an Illinois limited liability company	1.565	0.050	N/A	1.515	N/A	N/A	14-34-127-012	
1FX0033.P.E.	Commonwealth Edison Company who acquired title as Public Service Company of Northern Illinois, an Illinois corporation	N/A	N/A	N/A	N/A	0.228	Highway Purposes	14-34-126-001	
1FX0070	Talon Professional Center Condominium Association	3.521	0.036	N/A	3.485	N/A	N/A	14-34-130-002 14-34-130-004 14-34-130-005 14-34-130-007 14-34-130-010	

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1FX0027	95R026746	July 6, 1995
1FX0033	73811	June 25, 1926
1FX0033	80254	October 7, 1927
1FX0070	95R026746	July 6, 1995
-----	73811	June 25, 1926
-----	80252	October 7, 1927
-----	80254	October 7, 1927
-----	568830	June 15, 1972
-----	95R026746	July 6, 1995

KELLY WOODS
Recorded July 6, 1995
as Document No. 95R026746
Corrected by Certificate of
Correction Recorded February 22, 1996
as Document No. 96R008564
and Recorded July 15, 1997
as Document No. 97R033106

**M-3
"Monument Record"**
South 1/4 Corner of Section 27-44-8
N.2,035,848.787-E.996,882.648
Recorded July 14, 2010
Document No. 2010R0029938

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	21.25
	T2	24.17
	T3	18.37
2	T1	21.77
	T2	16.28
	T3	23.17
3	T1	53.25
	T2	47.98
	T3	55.96
4	T1	32.20
	T2	23.11
	T3	37.21

T2 to Point No. 1 is a "MAG" Nail (Set) in 14" Tree.
T1 to Point Nos. 3 & 4 is a Cross Cut (Set) in Concrete Curb.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
141+43.08	55.00' Lt.	2,035,263.474	996,816.850
144+77.42	80.00' Lt.	2,035,597.707	996,790.408
144+77.60	55.00' Lt.	2,035,597.995	996,815.407
144+77.63	50.34' Lt.	2,035,598.048	996,820.065
144+77.71	40.34' Lt.	2,035,598.164	996,830.065
144+78.00	0.34' Lt.	2,035,598.625	996,870.063
144+78.08	11.60' Rt.	2,035,598.763	996,882.004
144+78.16	39.66' Rt.	2,035,598.962	996,910.062
147+27.43	80.00' Lt.	2,035,847.711	996,789.330
147+27.71	40.38' Lt.	2,035,848.168	996,828.951
147+28.00	0.38' Lt.	2,035,848.629	996,868.949
147+28.10	13.32' Rt.	2,035,848.787	996,882.648
147+28.16	39.62' Rt.	2,035,848.960	996,908.948

LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

SCALE: 1"=40'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● T2
● T3

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● BT2
● BT3

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

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

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

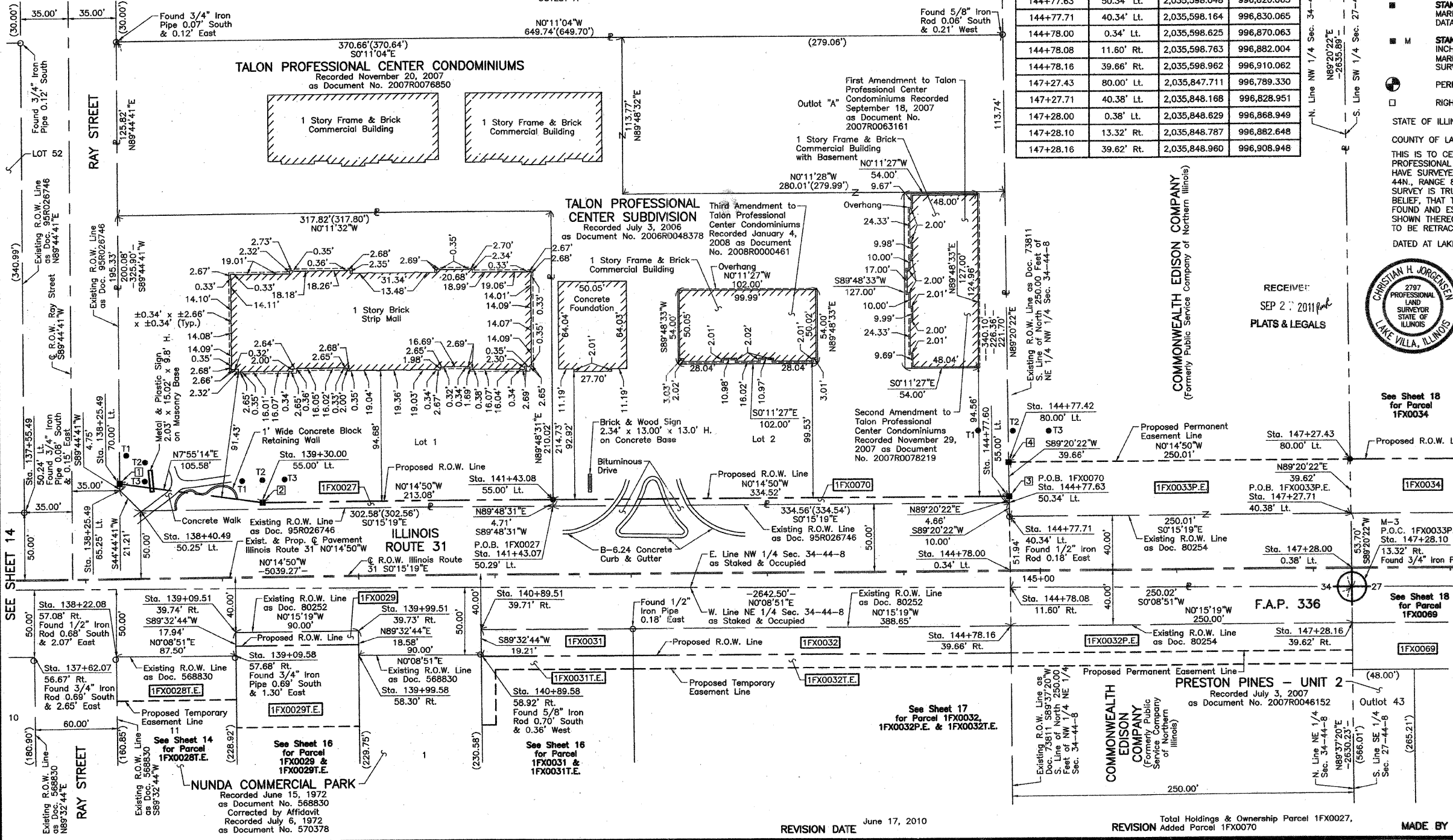
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 20th DAY OF July, 2010 A.D.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619.141.789-E.301.410.374
NOTE: SURFACE COORDINATES ARE SHOWN.



COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
137+55.49	50.24' Lt.	2,034,875.914	996,823.284
137+62.07	56.67' Rt.	2,034,882.956	996,930.311
138+22.08	57.08' Rt.	2,034,942.959	996,930,315
138+25.49	65.25' Lt.	2,034,945.847	996,807.972
138+25.49	70.00' Lt.	2,034,945.825	996,803.221
138+40.49	50.25' Lt.	2,034,960.913	996,822.905
139+09.51	39.74' Rt.	2,035,030.321	996,912.597
139+09.58	57.68' Rt.	2,035,030.463	996,930.540
139+30.00	55.00' Lt.	2,035,050.399	996,817.770
139+99.51	39.73' Rt.	2,035,120.321	996,912.196
139+99.58	58.30' Rt.	2,035,120.468	996,930.772
140+89.51	39.71' Rt.	2,035,210.320	996,911.794
140+89.58	58.92' Rt.	2,035,210.473	996,931.004
141+43.07	50.29' Lt.	2,035,263.490	996,821.556

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)

SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 137+00 TO STATION 148+00
SCALE: 1"=40' SHEET 15 OF 39

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

BY	DATE	MADE	CHECKED	LINKED	NOTED	BOOK	NO.

ROW	PLAT	DATE	MADE	CHECKED	LINKED	NOTED	BOOK	NO.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0029 1FX0029T.E.	Lydia A. Waterloo and John P. Waterloo, Trustees under the Lydia A. Waterloo Living Trust dated January 16, 1998 and all amendments	0.583	0.087	0.066	0.496	0.124	Grading	14-34-201-005	
1FX0031 1FX0031T.E.	Home State Bank of Crystal Lake, as Trustee under a trust agreement dated the 19th day of September, 1979, and known as Trust Number 2421	4.993	0.130	0.078	4.863	0.035	Grading	14-34-201-003	

SECTION CORNER 910 1615

QUARTER SECTION CORNER 16 15

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Scale: 1"=20'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Four Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

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

T1 T2 T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

BT1 BT2 BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

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

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
140+89.58	58.92' Rt.	2,035,210.473	996,931.004
140+89.77	110.00' Rt.	2,035,210.878	996,982.079
141+00.00	70.00' Rt.	2,035,220.937	996,942.035
141+00.00	110.00' Rt.	2,035,221.109	996,982.035
142+01.09	9.69' Rt.	2,035,321.766	996,881.291
142+01.16	39.70' Rt.	2,035,321.964	996,911.297
142+01.21	60.00' Rt.	2,035,322.098	996,931.598
142+01.23	70.00' Rt.	2,035,322.164	996,941.598

RECEIVED
SEP 27 2011
PLATS & LEGALS



THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 2nd DAY OF May 2008 A.D.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE, NOVEMBER 30, 2008

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619,141.789-E.301,410.374.

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
139+09.40	7.68' Rt.	2,035,030.067	996,880.539
139+09.51	39.74' Rt.	2,035,030.321	996,912.597
139+09.55	50.00' Rt.	2,035,030.402	996,922.857
139+09.58	57.68' Rt.	2,035,030.463	996,930.540
139+09.77	110.00' Rt.	2,035,030.878	996,982.855
139+99.40	8.30' Rt.	2,035,120.071	996,880.771
139+99.51	39.73' Rt.	2,035,120.321	996,912.196
139+99.55	50.00' Rt.	2,035,120.402	996,922.468
139+99.58	58.30' Rt.	2,035,120.468	996,930.772
139+99.77	110.00' Rt.	2,035,120.878	996,982.467
140+89.40	8.92' Rt.	2,035,210.076	996,881.003
140+89.51	39.71' Rt.	2,035,210.320	996,911.794
140+89.59	60.00' Rt.	2,035,210.481	996,932.080

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	67.75
	T2	44.52
	T3	73.77
2	T1	72.41
	T2	65.34
	T3	83.24
3	T1	85.38
	T2	42.50
	T3	55.03

T1 to Point No. 1 is a "MAG" Nail (Set) in Bituminous Parking Lot.
T1 to Point No. 2 is a "MAG" Nail (Set) in Bituminous Parking Lot.
T3 to Point No. 3 is a "MAG" Nail (Set) in Bituminous Parking Lot.

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FX0029	80252	October 7, 1927
1FX0031	73811	June 25, 1926
1FX0031	80252	October 7, 1927
-----	80252	October 7, 1927
-----	568830	June 15, 1972
-----	95R026746	July 6, 1995

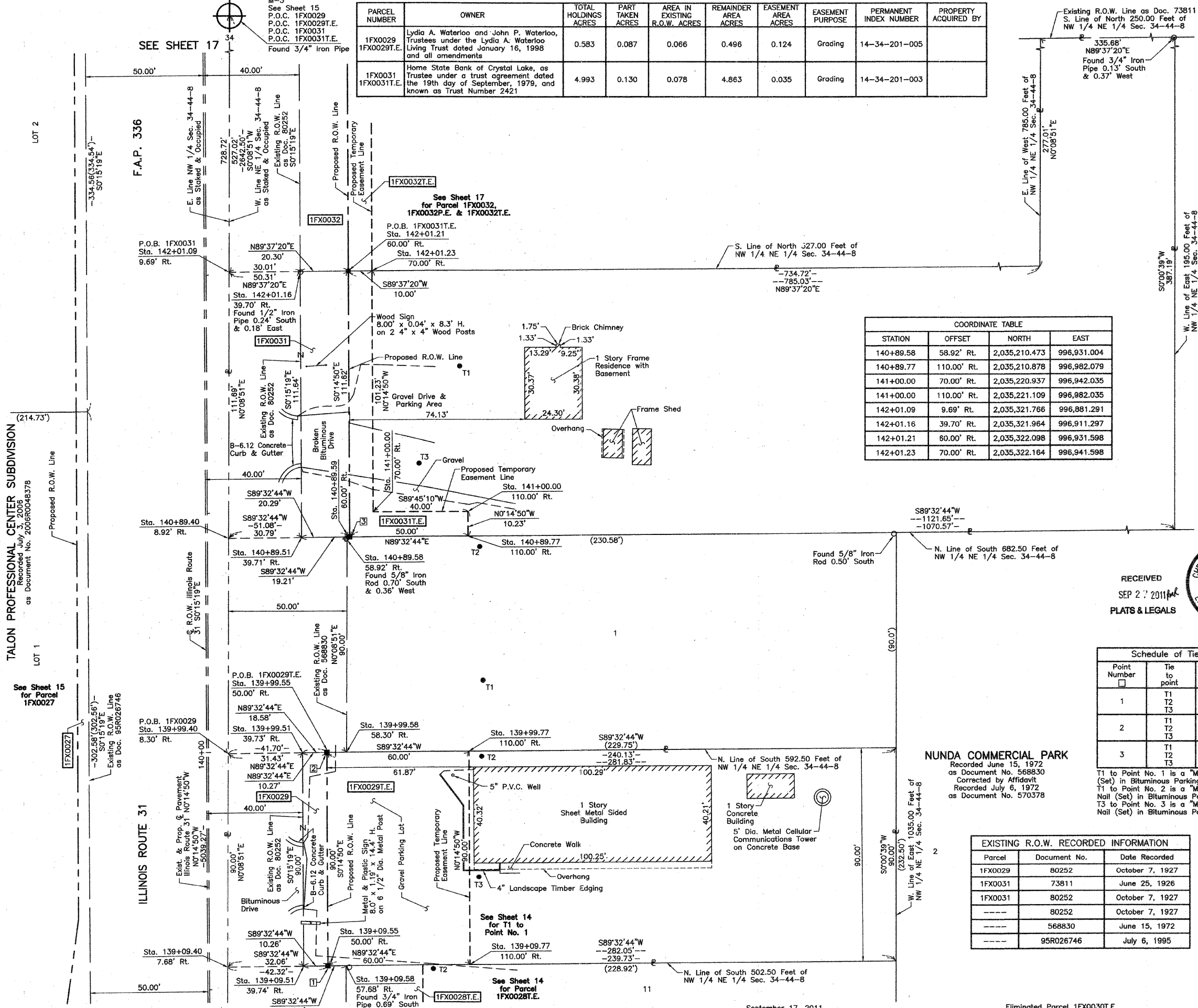
JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 139+00 TO STATION 143+00
SCALE: 1"=20' SHEET 16 OF 39

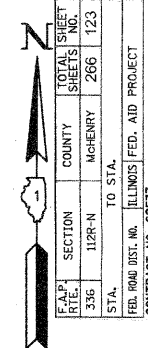
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

ROW PLAT	MADE	CHECKED	INKED	NOTEBOOK	NO



REVISION DATE
September 17, 2011
June 17, 2010

Eliminated Parcel 1FX0030T.E.
Configuration Parcels 1FX0029, 1FX0030 & 1FX0031,
REVISION Ownership Parcel 1FX0030



SCALE: 1"=30'

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0032	Commonwealth Edison Company, an Illinois corporation, formerly known as Public Service Company of Northern Illinois	9.498*	0.314	0.185	9.184	P.E.=0.117 T.E.=0.121	Highway Purposes Grading	14-34-201-002 14-34-201-014	

* Area based on legal descriptions contained in Wheatland Title Guaranty Company Commitment File Number 11-2005ME-1053.0, Effective Date March 22, 2006.

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

- Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.
- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

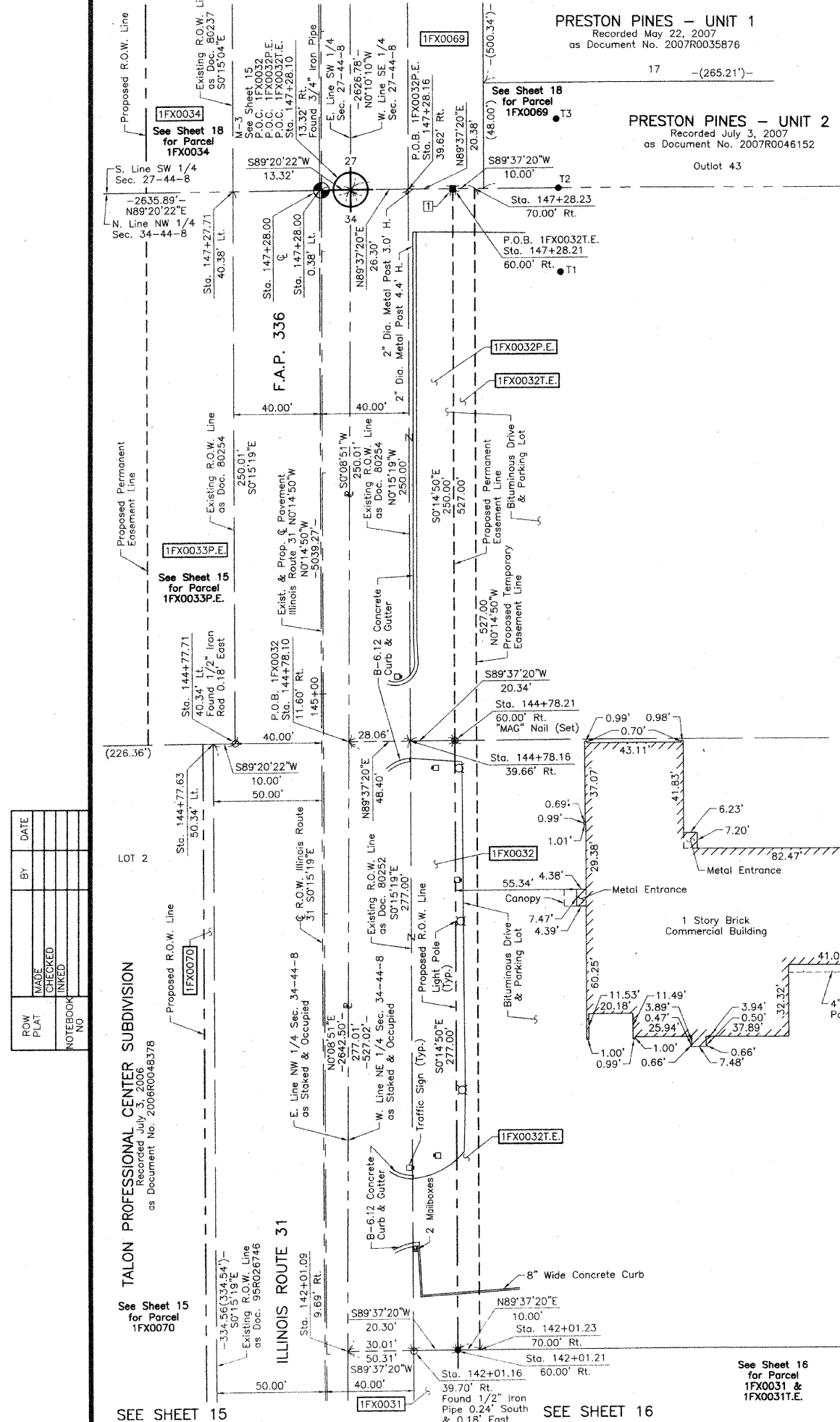
Point Number	Tie to point	Tie Distance (feet)
1	T1	62.35
	T2	48.30
	T3	56.95

T1 to Point No. 1 is a "MAG" Nail (Set) in Bituminous Parking Lot.

COMMONWEALTH EDISON COMPANY
(Formerly Public Service Company of Northern Illinois)

Parcel	Document No.	Date Recorded
1FX0032	73811	June 25, 1926
1FX0032	80252	October 7, 1927
1FX0032	80254	October 7, 1927
----	80237	October 7, 1927
----	80254	October 7, 1927
----	95R026746	July 6, 1995

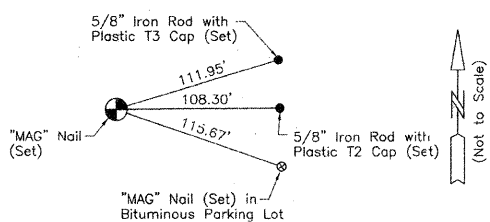
STATION	OFFSET	NORTH	EAST
147+28.16	39.62' Rt.	2,035,848.960	996,908.948
147+28.21	60.00' Rt.	2,035,849.094	996,929.325
147+28.23	70.00' Rt.	2,035,849.160	996,939.325



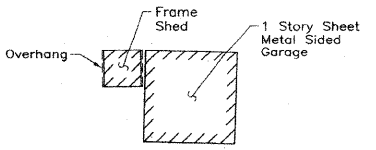
ROW PLAT	MADE	CHECKED	DATE

NOTEBOOK NO.	DATE

Existing R.O.W. Line as Doc. 73811
S. Line of North 250.00 Feet of
NW 1/4 NE 1/4 Sec. 34-44-8



Existing & Proposed
Pavement Illinois Route 31
- N. Line NW 1/4 Sec. 34-44-8
Sta. 147+28.00
N.2,035,848.633-E.996,869.326



S. Line of North 527.00 Feet of
NW 1/4 NE 1/4 Sec. 34-44-8
S89°37'20"W
10.00'
Sta. 142+01.23
70.00' Rt.
S89°37'20"W
10.00'
Sta. 142+01.21
60.00' Rt.



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STATION	OFFSET	NORTH	EAST
142+01.09	9.69' Rt.	2,035,321.766	996,881.291
142+01.16	39.70' Rt.	2,035,321.964	996,911.297
142+01.21	60.00' Rt.	2,035,322.098	996,931.598
142+01.23	70.00' Rt.	2,035,322.164	996,941.598
144+77.63	50.34' Lt.	2,035,598.048	996,820.065
144+77.71	40.34' Lt.	2,035,598.164	996,830.065
144+78.10	11.60' Rt.	2,035,598.777	996,882.004
144+78.16	39.66' Rt.	2,035,598.962	996,910.062
144+78.21	60.00' Rt.	2,035,599.096	996,930.404
147+27.71	40.38' Lt.	2,035,848.168	996,828.951
147+28.00	0.38' Lt.	2,035,848.629	996,868.949
147+28.10	13.32' Rt.	2,035,848.787	996,882.648

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 358-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 142+00 TO STATION 148+00
SCALE: 1"=30' SHEET 17 OF 39

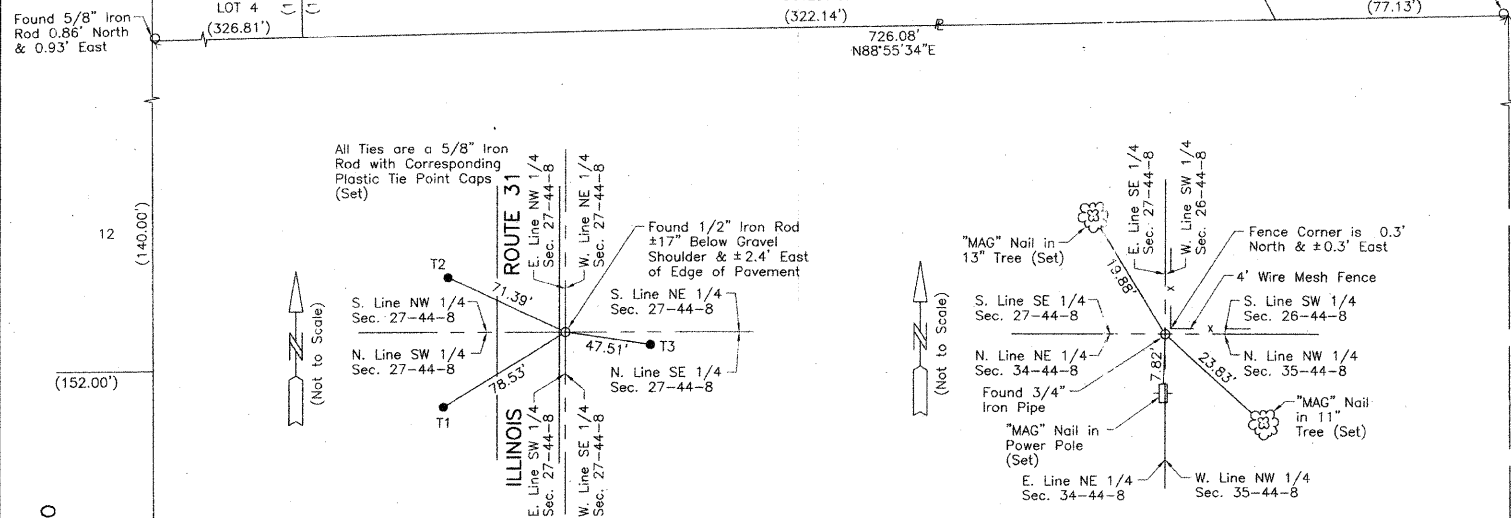
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SOUTH 1/2 OF SEC. 27, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0034	North Star Trust Company, successor trustee to Harris Bank Woodstock, as trustee under a trust agreement dated the 1st day of February, 1997 and known as Trust Number 5446	13.138	0.157	N/A	12.981	N/A	N/A	14-27-376-007	
1FX0069	The Ryland Group, Inc., a Maryland corporation	0.521	0.521	N/A	0.000	N/A	N/A	14-27-476-005	

WOLF MEDICAL CENTER
Recorded June 29, 2001
as Document No. 2001R0045098

OUTLOT A (322.14')

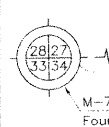


M-4 "Monument Record"
Center of Section 27-44-8
N. 2,038,475.550 - E. 996,874.885
Recorded November 21, 2000
Document No. 2000R0064192

M-8 "Monument Record"
Southeast Corner of Section 27-44-8
N. 2,035,866.124 - E. 999,512.825
Recorded November 20, 2000
Document No. 2000R0063975

M-7 "Monument Record"
Southwest Corner of Section 27-44-8
N. 2,035,818.403 - E. 994,246.931
Recorded March 6, 2002
Document No. 2002R0021637

ROW PLAT	DATE	BY
MADE		
CHECKED		
LINKED		
NOTED		
NO.		



M-7
Found 5/8" Iron Bar
S. 89°20'22"W
726.02' (726.08')
686.40'
N. Line NW 1/4 Sec. 34-44-8
-2635.89'



M-4
Found 3/4" Iron Pipe 0.14" South & 0.24" East



M-8
Found 3/4" Iron Pipe
S. 89°20'22"W
53.70'
39.62'
S. 89°20'22"W

SEE SHEET 17

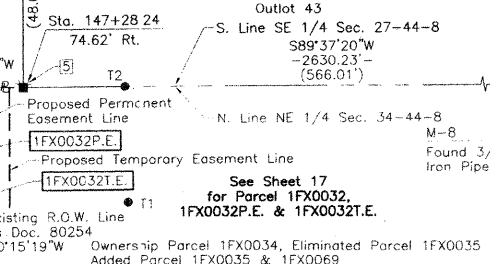
EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1FX0034	80237	October 7, 1927
1FX0069	80237	October 7, 1927
1FX0069	2007R0035876	May 22, 2007
---	80237	October 7, 1927
---	80254	October 7, 1927

PRESTON PINES - UNIT 1
Recorded May 22, 2007
as Document No. 2007R0035876

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	31.28
	T2	12.49
	T3	32.14
2	T1	60.29
	T2	51.98
	T3	58.17
3	T1	69.24
	T2	65.19
	T3	66.69
4	T1	34.29
	T2	35.91
	T3	46.93
5	T1	51.53
	T2	33.66
	T3	45.53

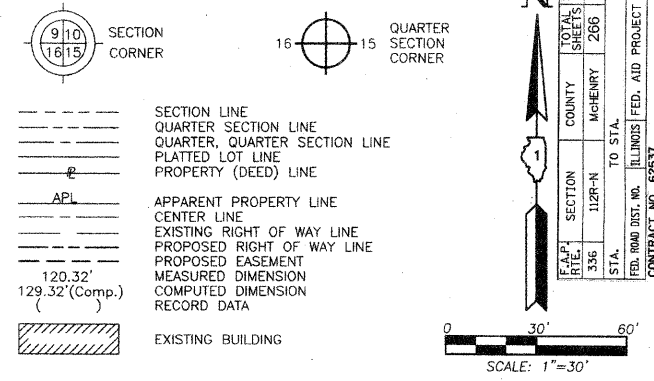
T2 & T3 to Point Nos. 3 & 4 are "MAG" Nails (Set) in Bituminous Drive. T1 to Point No. 5 is a "MAG" Nail (Set) in Bituminous Parking Lot.

PRESTON PINES - UNIT 2
Recorded July 3, 2007
as Document No. 2007R0046152



REVISION DATE: June 17, 2010
March 25, 2008

LEGEND



Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 T2 T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 BT2 BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 27, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 12th DAY OF May 2008 A.D.



RECEIVED
AUG 30 2010
PLATS & LEGALS

COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	
147+27.43	80.00' Lt.	2,035,847.711	996,789.330	
147+27.71	40.38' Lt.	2,035,848.168	996,828.951	
147+28.00	0.38' Lt.	2,035,848.629	996,868.949	
147+28.00	℄	2,035,848.633	996,869.326	
147+28.10	13.32' Rt.	2,035,848.787	996,882.648	
147+28.16	39.62' Rt.	2,035,848.960	996,908.948	
147+28.24	74.62' Rt.	2,035,849.191	996,943.947	
149+00.00	40.39' Lt.	2,036,020.453	996,828.196	
149+00.00	80.00' Lt.	2,036,020.282	996,788.585	
152+76.58	74.59' Rt.	2,036,397.525	996,941.545	
153+76.58	74.58' Rt.	2,036,497.524	996,941.107	
153+76.63	39.58' Rt.	2,036,497.423	996,906.107	
155+18.59	40.43' Lt.	2,036,639.040	996,825.486	

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046 SHEET 1 IS A COVER
(847) 356-3371 SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 147+00 TO STATION 156+00
SCALE: 1"=30' SHEET 18 OF 39

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

FIRST AMENDMENT TO CRYSTAL LAKE PROFESSIONAL CENTER CONDOMINIUM

Recorded July 10, 1991
as Document No. 91R026511
Corrected by Certificate of Correction
Recorded March 4, 1994
as Document No. 94R015585

SEE SHEET 20

THIRD AMENDMENT TO CRYSTAL LAKE PROFESSIONAL CENTER CONDOMINIUM

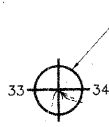
Recorded November 6, 2002
as Document No. 2002R0102982

WYNDMUIR SUBDIVISION UNIT ONE

Recorded April 14, 1988
as Document No. 88R010056

See Sheet 21 for Parcel 1FX0040

Existing R.O.W. Line as Doc. 102707 N89°25'18"E



SCALE: 1"=30'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 16th DAY OF July 20, 2010.

CHRISTIAN H. JORGENSEN
PRESIDENT
2797 PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
LAKE VILLA, ILLINOIS

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010.

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619,141.789-E.301,410.374.

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
201+00.00	40.00' Rt.	2,033,149.164	994,981.200
201+00.00	51.00' Rt.	2,033,138.160	994,981.306
201+00.01	0.42' Rt.	2,033,188.736	994,980.833
203+00.95	39.90' Rt.	2,033,151.193	995,182.138
203+00.95	40.49' Rt.	2,033,150.599	995,182.144
203+00.95	51.00' Rt.	2,033,140.092	995,182.244
203+00.95	65.00' Rt.	2,033,126.093	995,182.378
206+23.30	0.61' Rt.	2,033,193.584	995,504.098
206+23.30	40.61' Rt.	2,033,153.586	995,504.480
206+23.30	65.00' Rt.	2,033,129.193	995,504.713
206+70.52	39.38' Lt.	2,033,234.020	995,550.928
206+70.53	40.28' Lt.	2,033,234.920	995,550.933
207+03.30	39.71' Rt.	2,033,155.255	995,584.468

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N MCHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 200+00 TO STATION 207+00
SCALE: 1"=30' SHEET 19 OF 39

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

Recorded July 10, 1991
as Document No. 91R026511
Corrected by Certificate of Correction
Recorded March 4, 1994
as Document No. 94R015585

SEE SHEET 20

THIRD AMENDMENT TO CRYSTAL LAKE PROFESSIONAL CENTER CONDOMINIUM

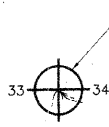
Recorded November 6, 2002
as Document No. 2002R0102982

WYNDMUIR SUBDIVISION UNIT ONE

Recorded April 14, 1988
as Document No. 88R010056

See Sheet 21 for Parcel 1FX0040

Existing R.O.W. Line as Doc. 102707 N89°25'18"E



SCALE: 1"=30'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 16th DAY OF July 20, 2010.

CHRISTIAN H. JORGENSEN
PRESIDENT
2797 PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
LAKE VILLA, ILLINOIS

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010.

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619,141.789-E.301,410.374.

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
201+00.00	40.00' Rt.	2,033,149.164	994,981.200
201+00.00	51.00' Rt.	2,033,138.160	994,981.306
201+00.01	0.42' Rt.	2,033,188.736	994,980.833
203+00.95	39.90' Rt.	2,033,151.193	995,182.138
203+00.95	40.49' Rt.	2,033,150.599	995,182.144
203+00.95	51.00' Rt.	2,033,140.092	995,182.244
203+00.95	65.00' Rt.	2,033,126.093	995,182.378
206+23.30	0.61' Rt.	2,033,193.584	995,504.098
206+23.30	40.61' Rt.	2,033,153.586	995,504.480
206+23.30	65.00' Rt.	2,033,129.193	995,504.713
206+70.52	39.38' Lt.	2,033,234.020	995,550.928
206+70.53	40.28' Lt.	2,033,234.920	995,550.933
207+03.30	39.71' Rt.	2,033,155.255	995,584.468

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N MCHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 200+00 TO STATION 207+00
SCALE: 1"=30' SHEET 19 OF 39

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

Recorded July 10, 1991
as Document No. 91R026511
Corrected by Certificate of Correction
Recorded March 4, 1994
as Document No. 94R015585

SEE SHEET 20

THIRD AMENDMENT TO CRYSTAL LAKE PROFESSIONAL CENTER CONDOMINIUM

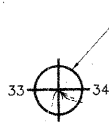
Recorded November 6, 2002
as Document No. 2002R0102982

WYNDMUIR SUBDIVISION UNIT ONE

Recorded April 14, 1988
as Document No. 88R010056

See Sheet 21 for Parcel 1FX0040

Existing R.O.W. Line as Doc. 102707 N89°25'18"E



SCALE: 1"=30'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 16th DAY OF July 20, 2010.

CHRISTIAN H. JORGENSEN
PRESIDENT
2797 PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
LAKE VILLA, ILLINOIS

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010.

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619,141.789-E.301,410.374.

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
201+00.00	40.00' Rt.	2,033,149.164	994,981.200
201+00.00	51.00' Rt.	2,033,138.160	994,981.306
201+00.01	0.42' Rt.	2,033,188.736	994,980.833
203+00.95	39.90' Rt.	2,033,151.193	995,182.138
203+00.95	40.49' Rt.	2,033,150.599	995,182.144
203+00.95	51.00' Rt.	2,033,140.092	995,182.244
203+00.95	65.00' Rt.	2,033,126.093	995,182.378
206+23.30	0.61' Rt.	2,033,193.584	995,504.098
206+23.30	40.61' Rt.	2,033,153.586	995,504.480
206+23.30	65.00' Rt.	2,033,129.193	995,504.713
206+70.52	39.38' Lt.	2,033,234.020	995,550.928
206+70.53	40.28' Lt.	2,033,234.920	995,550.933
207+03.30	39.71' Rt.	2,033,155.255	995,584.468

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N MCHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 200+00 TO STATION 207+00
SCALE: 1"=30' SHEET 19 OF 39

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

Recorded July 10, 1991
as Document No. 91R026511
Corrected by Certificate of Correction
Recorded March 4, 1994
as Document No. 94R015585

SEE SHEET 20

THIRD AMENDMENT TO CRYSTAL LAKE PROFESSIONAL CENTER CONDOMINIUM

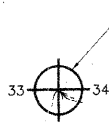
Recorded November 6, 2002
as Document No. 2002R0102982

WYNDMUIR SUBDIVISION UNIT ONE

Recorded April 14, 1988
as Document No. 88R010056

See Sheet 21 for Parcel 1FX0040

Existing R.O.W. Line as Doc. 102707 N89°25'18"E



SCALE: 1"=30'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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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.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 16th DAY OF July 20, 2010.

CHRISTIAN H. JORGENSEN
PRESIDENT
2797 PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
LAKE VILLA, ILLINOIS

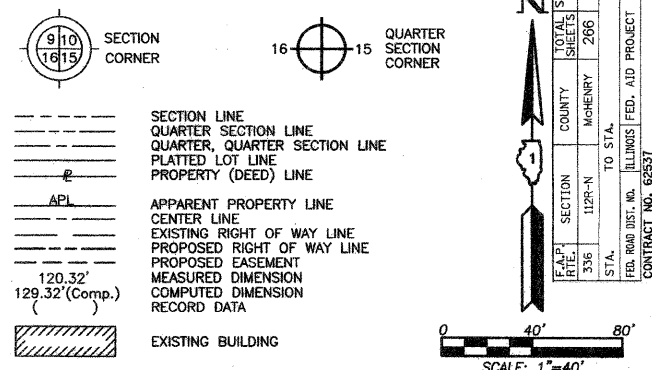
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010.

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619,141.789-E.301,410.374.

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
201+00.00	40.00' Rt.	2,033,149.164	994,981.200
201+00.00	51.00' Rt.	2,033,138.160	994,981.306
201+00.01	0.42' Rt.	2,033,188.736	994,980.833
203+00.95	39.90' Rt.	2,033,151.193	995,182.138
203+00.95	40.49' Rt.	2,033,150.599	995,182.144
203+00.95	51.00' Rt.	2,033,140.092	995,182.244
203+00.95	65.00' Rt.	2,033,126.093	995,182.378
206+23.30	0.61' Rt.	2,033,193.584	995,504.098
206+23.30	40.61' Rt.	2,033,153.586	995,504.480
206+23.30	65.00' Rt.	2,033,129.193	995,504.713
206+70.52	39.38' Lt.	2,033,234.020	995,550.928
206+70.53	40.28' Lt.	2,033,234.920	995,550.93



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0037	Crystal Lake Professional Center Condominium Association, an Illinois Not for Profit Corporation	5.720	0.094	N/A	5.626	N/A	N/A	14-34-154-001 thru 003 14-34-154-005 thru 013	
1FX0039	Wyndmuir Property Owners Association, an Illinois not for profit corporation	3.100	0.119	N/A	2.981	N/A	N/A	14-34-153-059	

**WYNDMUIR SUBDIVISION
UNIT ONE**
Recorded April 14, 1988
as Document No. 88R010056

WYNDMUIR SUBDIVISION
Recorded March 18, 1988
as Document No. 88R007263

CRYSTAL LAKE PROFESSIONAL CENTER CONDOMINIUM
Recorded December 12, 1990
as Document No. 90R045743

FIRST AMENDMENT TO CRYSTAL LAKE PROFESSIONAL CENTER CONDOMINIUM
Recorded July 10, 1991
as Document No. 91R026511
Corrected by Certificate of Correction
Recorded March 4, 1994
as Document No. 94R015585

THIRD AMENDMENT TO CRYSTAL LAKE PROFESSIONAL CENTER CONDOMINIUM
Recorded November 6, 2002
as Document No. 2002R0102982

**WYNDMUIR SUBDIVISION
UNIT ONE**
Recorded April 14, 1988
as Document No. 88R010056

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 25th DAY OF February 2008 A.D.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619,141.769-E.301,410.374.

NOTE: SURFACE COORDINATES ARE SHOWN.

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	24.69
	T2	24.67
	T3	43.26
2	T1	15.62
	T2	16.82
	T3	39.09
3	T1	43.89
	T2	50.70
	T3	58.89
4	T1	30.94
	T2	39.87
	T3	49.86
5	T1	26.46
	T2	18.06
	T3	27.20
6	T1	33.73
	T2	28.06
	T3	35.15

T1 to Point Nos. 1 & 2 is a "MAG" Nail (Set) in 10" Tree.
T2 to Point Nos. 1 & 2 is a "MAG" Nail (Set) in 10" Tree.
T3 to Point Nos. 1 & 2 is a "MAG" Nail (Set) in 6" Tree.
T1, T2 & T3 to Point Nos. 3 & 4 are a "MAG" Nail (Set) in Bituminous Drive.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
206+70.53	40.28' Lt.	2,033,234.920	995,550.933
206+70.75	55.00' Lt.	2,033,249.644	995,551.011
207+03.30	39.71' Rt.	2,033,155.255	995,584.468

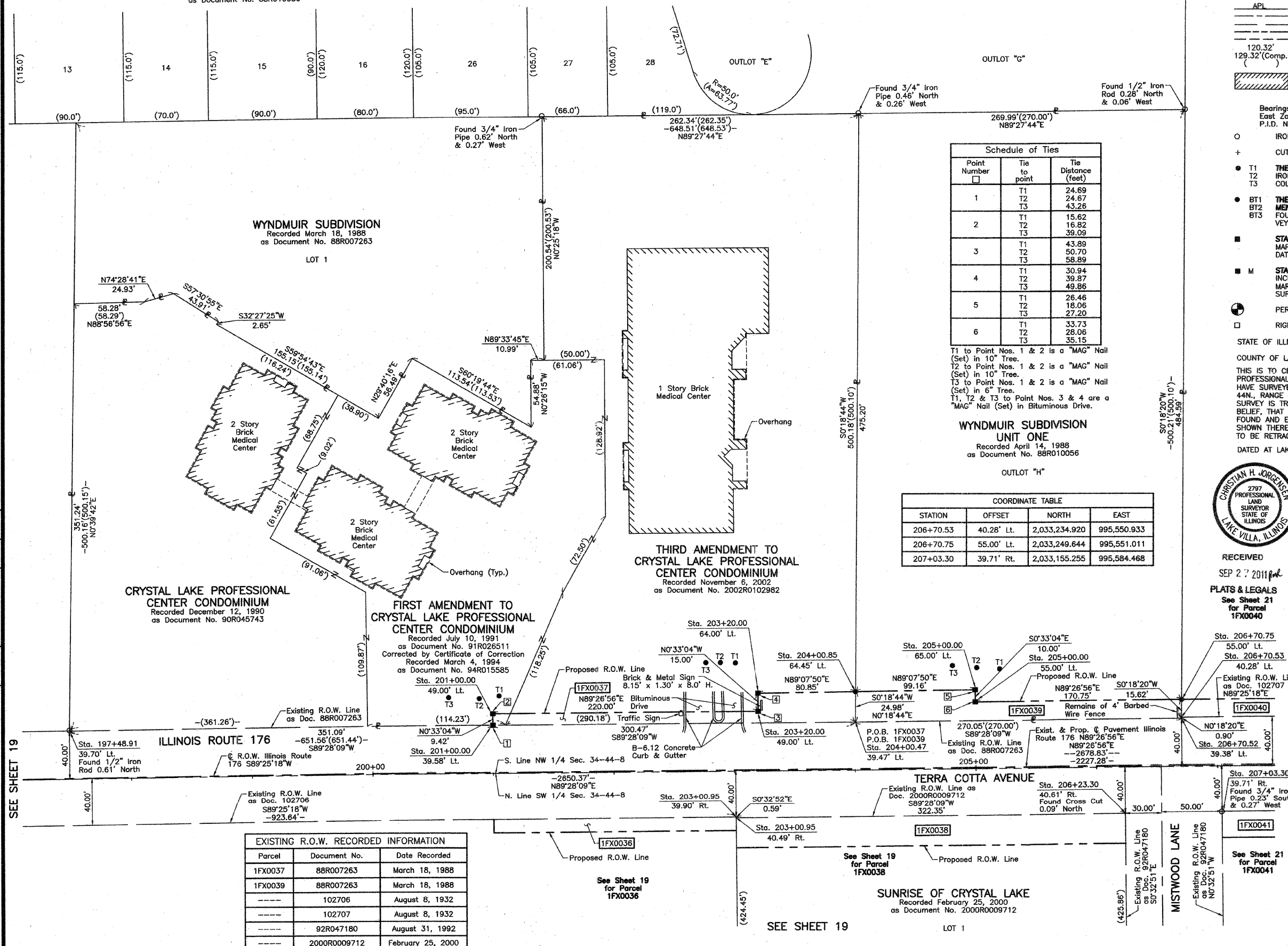
COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
197+48.91	39.70' Lt.	2,033,225.481	994,629.362
201+00.00	39.58' Lt.	2,033,228.734	994,980.434
201+00.00	49.00' Lt.	2,033,238.155	994,980.344
203+00.95	39.90' Rt.	2,033,151.193	995,182.138
203+00.95	40.49' Rt.	2,033,150.599	995,182.144
203+20.00	49.00' Lt.	2,033,240.271	995,200.334
203+20.00	64.00' Lt.	2,033,255.270	995,200.189
204+00.47	39.47' Lt.	2,033,231.518	995,280.891
204+00.85	64.45' Lt.	2,033,256.497	995,281.027
205+00.00	55.00' Lt.	2,033,248.002	995,380.268
205+00.00	65.00' Lt.	2,033,258.001	995,380.171
206+23.30	40.61' Rt.	2,033,153.586	995,504.480
206+70.52	39.38' Lt.	2,033,234.020	995,550.928

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FX0037	88R007263	March 18, 1988
1FX0039	88R007263	March 18, 1988
-----	102706	August 8, 1932
-----	102707	August 8, 1932
-----	92R047180	August 31, 1992
-----	2000R009712	February 25, 2000

BY	DATE
MADE	
CHECKED	
LINKED	
NOTEBOOK	
NO	



SEE SHEET 19

SEE SHEET 19

SEE SHEET 21

REVISION DATE REVISION MADE BY

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0043 1FX0043T.E.	820 East Office Park Condominium Association, an Illinois not-for-profit corporation	10.001	0.586	0.506	9.415	0.099	Construction Purposes	14-34-178-001 thru 14-34-178-112	

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
213+99.13	44.37' Rt.	2,033,157.280	996,280.315
214+10.00	0.88' Rt.	2,033,200.873	996,290.762
214+10.71	46.73' Lt.	2,033,248.489	996,291.016
214+11.16	76.62' Lt.	2,033,278.380	996,291.175
214+99.11	50.67' Lt.	2,033,253.285	996,379.371
214+99.16	49.33' Rt.	2,033,153.290	996,380.381

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1FX0043	102707	August 8, 1932
---	102707	August 8, 1932
---	102706	August 8, 1932

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	18.38
	T2	36.73
	T3	74.25
2	T1	43.82
	T2	52.00
	T3	59.84

T1 to Point No. 1 is a "MAG" Nail (Set) in 4" Tree.
T2 to Point No. 1 is a "MAG" Nail (Set) in 6" Tree.
T3 to Point No. 1 is a "MAG" Nail (Set) in 4" Tree.
T1, T2 & T3 to Point No. 2 are a Cross Cut (Set) in Concrete Walk.

SECTION CORNER 16 15 QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
API
APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

SCALE: 1"=30'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
■ 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 STD 2135 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS 25th DAY OF February 2008 A.D.

CHRISTIAN H. JORGENSEN
2797
PROFESSIONAL
LAND
SURVEYOR
STATE OF
ILLINOIS
LAKE VILLA, ILLINOIS

RECEIVED
AUG 30 2010
PLATS & LEGALS

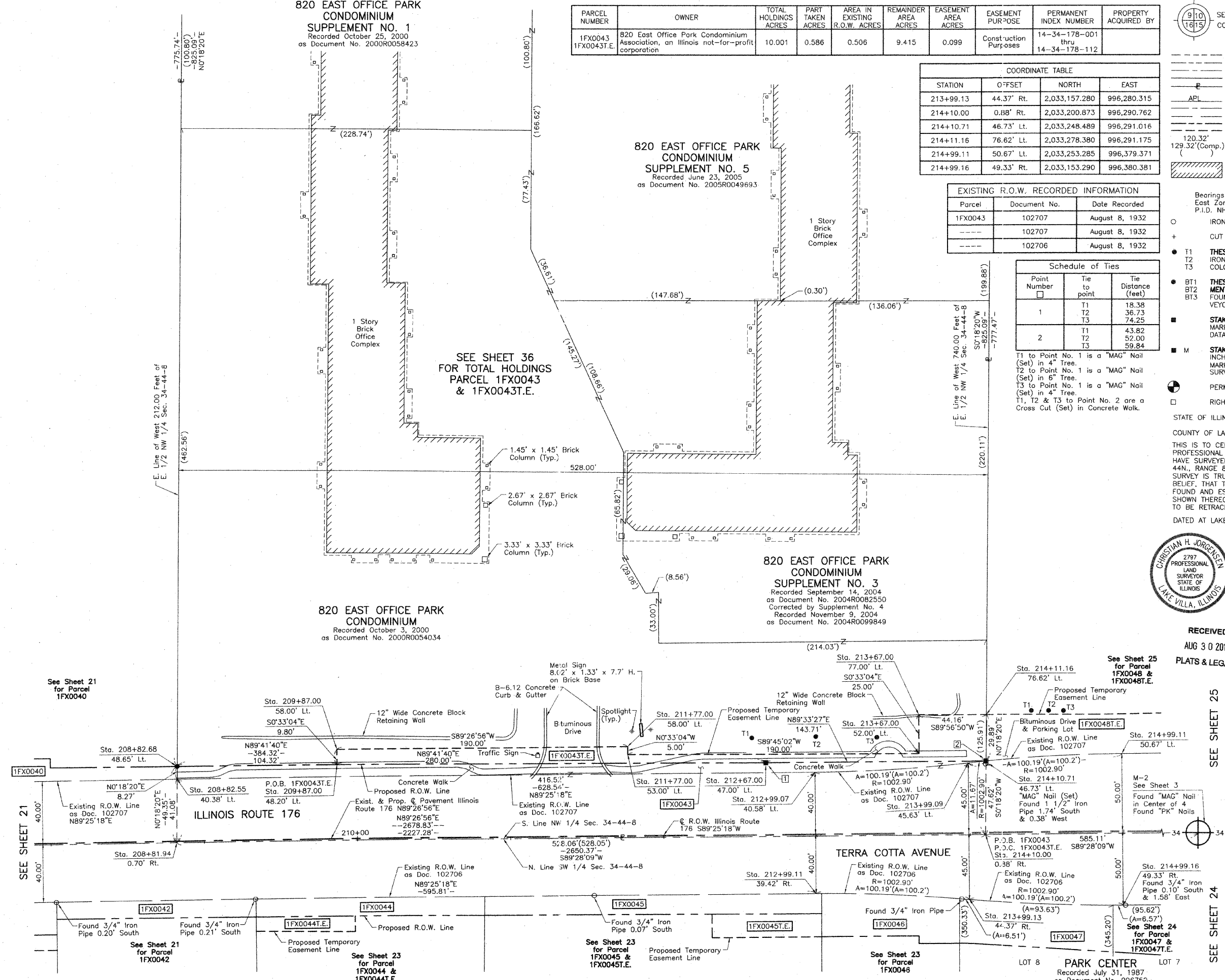
COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
208+81.94	0.70' Rt.	2,033,195.981	995,762.728
208+82.55	40.38' Lt.	2,033,237.061	995,762.947
208+82.68	48.65' Lt.	2,033,245.328	995,762.991
209+87.00	48.20' Lt.	2,033,245.885	995,867.310
209+87.00	58.00' Lt.	2,033,255.686	995,867.216
211+77.00	53.00' Lt.	2,033,252.513	996,057.255
211+77.00	58.00' Lt.	2,033,257.513	996,057.207
212+67.00	47.00' Lt.	2,033,247.379	996,147.309
212+99.07	40.58' Lt.	2,033,241.266	996,179.442
212+99.11	39.42' Rt.	2,033,161.270	996,180.250
213+67.00	52.00' Lt.	2,033,253.340	996,247.256
213+67.00	77.00' Lt.	2,033,278.339	996,247.016
213+99.09	45.63' Lt.	2,033,247.275	996,279.407

820 EAST OFFICE PARK
CONDOMINIUM
SUPPLEMENT NO. 1
Recorded October 25, 2000
as Document No. 2000R0058423

820 EAST OFFICE PARK
CONDOMINIUM
SUPPLEMENT NO. 5
Recorded June 23, 2005
as Document No. 2005R0049693

820 EAST OFFICE PARK
CONDOMINIUM
SUPPLEMENT NO. 3
Recorded September 14, 2004
as Document No. 2004R0082550
Corrected by Supplement No. 4
Recorded November 9, 2004
as Document No. 2004R0099849

820 EAST OFFICE PARK
CONDOMINIUM
Recorded October 3, 2000
as Document No. 2000R0054034



ROW	PLAT	MADE	CHECKED	DATE

SEE SHEET 21

SEE SHEET 25

SEE SHEET 24

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 208+00 TO STATION 215+00
SCALE: 1"=30' SHEET 22 OF 39

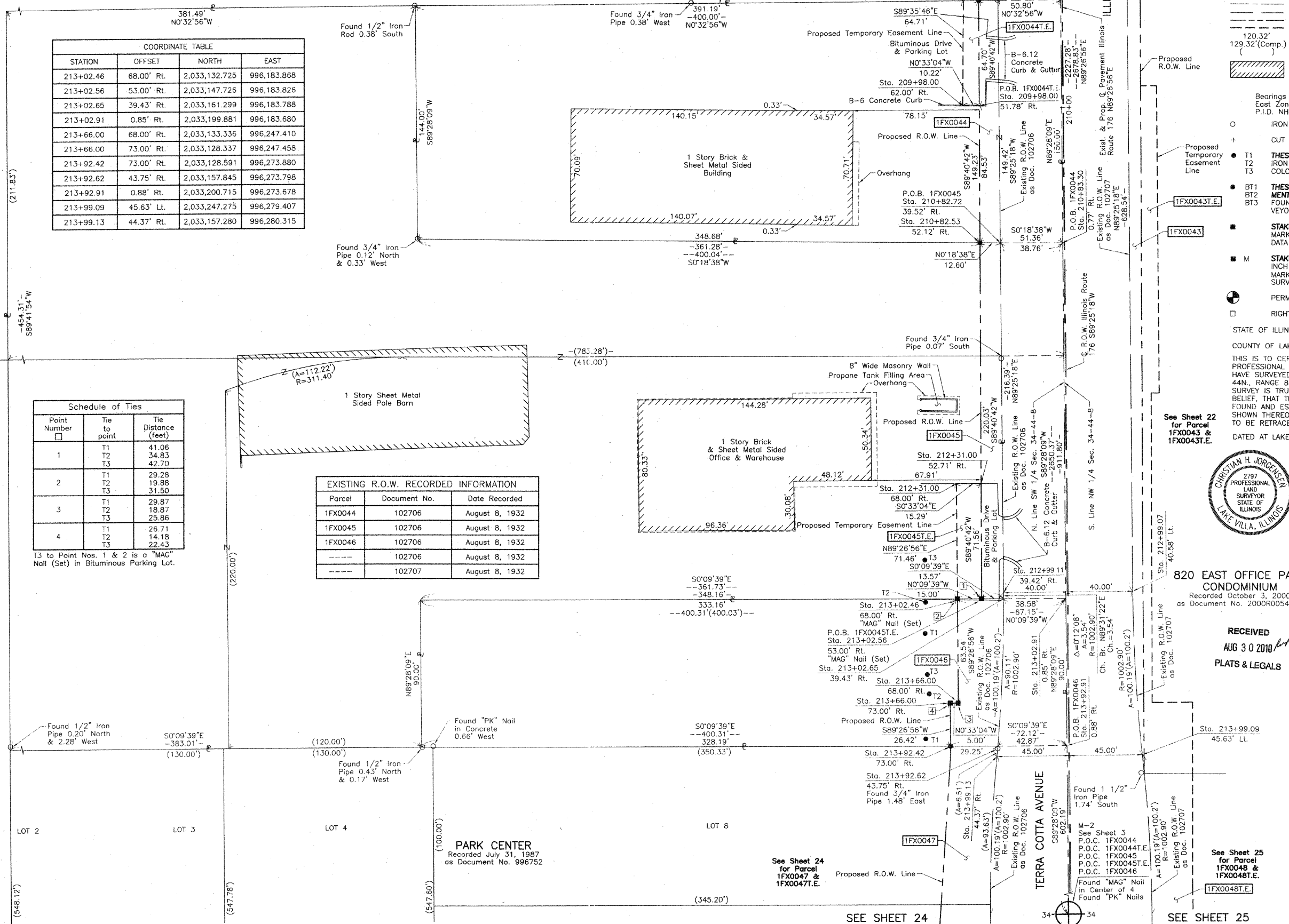
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0044 1FX0044T.E.	Brilliance Land Management, LLC	1.350	0.175	0.133	1.175	0.015	Driveway Construction	14-34-326-007	
1FX0045 1FX0045T.E.	Charles J. Copley, as Trustee of the Charles J. Copley Trust Dated December 30, 2005, as to an undivided one-half interest, and Renee Copley, as Trustee of the Renee Copley Declaration of Trust Dated December 30, 2005, as to an undivided one-half interest	5.836	0.066	N/A	5.770	0.025	Driveway Construction	14-34-326-008 14-34-326-056	
1FX0046	Gale E. Horms	0.827	0.142	0.083	0.685	N/A	N/A	14-34-326-055	

STATION	OFFSET	NORTH	EAST
213+02.46	68.00' Rt.	2,033,132.725	996,183.868
213+02.56	53.00' Rt.	2,033,147.726	996,183.826
213+02.65	39.43' Rt.	2,033,161.299	996,183.788
213+02.91	0.85' Rt.	2,033,199.881	996,183.680
213+66.00	68.00' Rt.	2,033,133.336	996,247.410
213+66.00	73.00' Rt.	2,033,128.337	996,247.458
213+92.42	73.00' Rt.	2,033,128.591	996,273.880
213+92.62	43.75' Rt.	2,033,157.845	996,273.798
213+92.91	0.88' Rt.	2,033,200.715	996,273.678
213+99.09	45.63' Lt.	2,033,247.275	996,279.407
213+99.13	44.37' Rt.	2,033,157.280	996,280.315

Point Number	Tie to point	Tie Distance (feet)
1	T1	41.06
	T2	34.83
	T3	42.70
2	T1	29.28
	T2	19.86
	T3	31.50
3	T1	29.87
	T2	18.87
	T3	25.86
4	T1	26.71
	T2	14.18
	T3	22.43

Parcel	Document No.	Date Recorded
1FX0044	102706	August 8, 1932
1FX0045	102706	August 8, 1932
1FX0046	102706	August 8, 1932
----	102706	August 8, 1932
----	102707	August 8, 1932



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

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

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

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

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 3rd DAY OF March 2022 A.D.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619,141.789-E.301,410.374.
NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
209+33.30	0.72' Rt.	2,033,196.456	995,814.083
209+33.30	39.60' Rt.	2,033,157.577	995,814.456
209+33.30	51.52' Rt.	2,033,145.653	995,814.570
209+33.30	60.92' Rt.	2,033,136.253	995,814.660
209+98.00	51.78' Rt.	2,033,146.016	995,879.272
209+98.00	62.00' Rt.	2,033,135.797	995,879.370
210+82.53	52.12' Rt.	2,033,146.491	995,963.799
210+82.72	39.52' Rt.	2,033,159.085	995,963.667
210+83.30	0.77' Rt.	2,033,197.846	995,964.077
212+31.00	52.71' Rt.	2,033,147.324	996,112.270
212+31.00	68.00' Rt.	2,033,132.038	996,112.417
212+99.07	40.58' Lt.	2,033,241.266	996,179.442
212+99.11	39.42' Rt.	2,033,161.270	996,180.250

820 EAST OFFICE PARK CONDOMINIUM
Recorded October 3, 2000
as Document No. 2000R0054034

RECEIVED
AUG 30 2010
PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 209+00 TO STATION 214+00
SCALE: 1"=30' SHEET 23 OF 39

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

DATE	BY	MADE	CHECKED	INKED	NOTEBOOK NO.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0047 1FX0047T.E.	Home State Bank/National Association, as Trustee under a trust agreement dated the 2nd day of May, 1996, and known as Trust Number 4421	1.607	0.145	N/A	1.462	0.015	N/A	Driveway Construction	14-34-326-009 14-34-326-010	
1FX0050 1FX0050T.E.	Super Wash of Crystal Lake, Inc.	0.695	0.109	N/A	0.586	0.005	225	Driveway Construction	14-34-326-011	

M.G.A.S. VENTURE SUBDIVISION

Recorded December 4, 1995
as Document No. 95R053570

LEGEND

SECTION CORNER 16 15
QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

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

T1 T2 T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.

BT1 BT2 BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.

M STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.

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

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

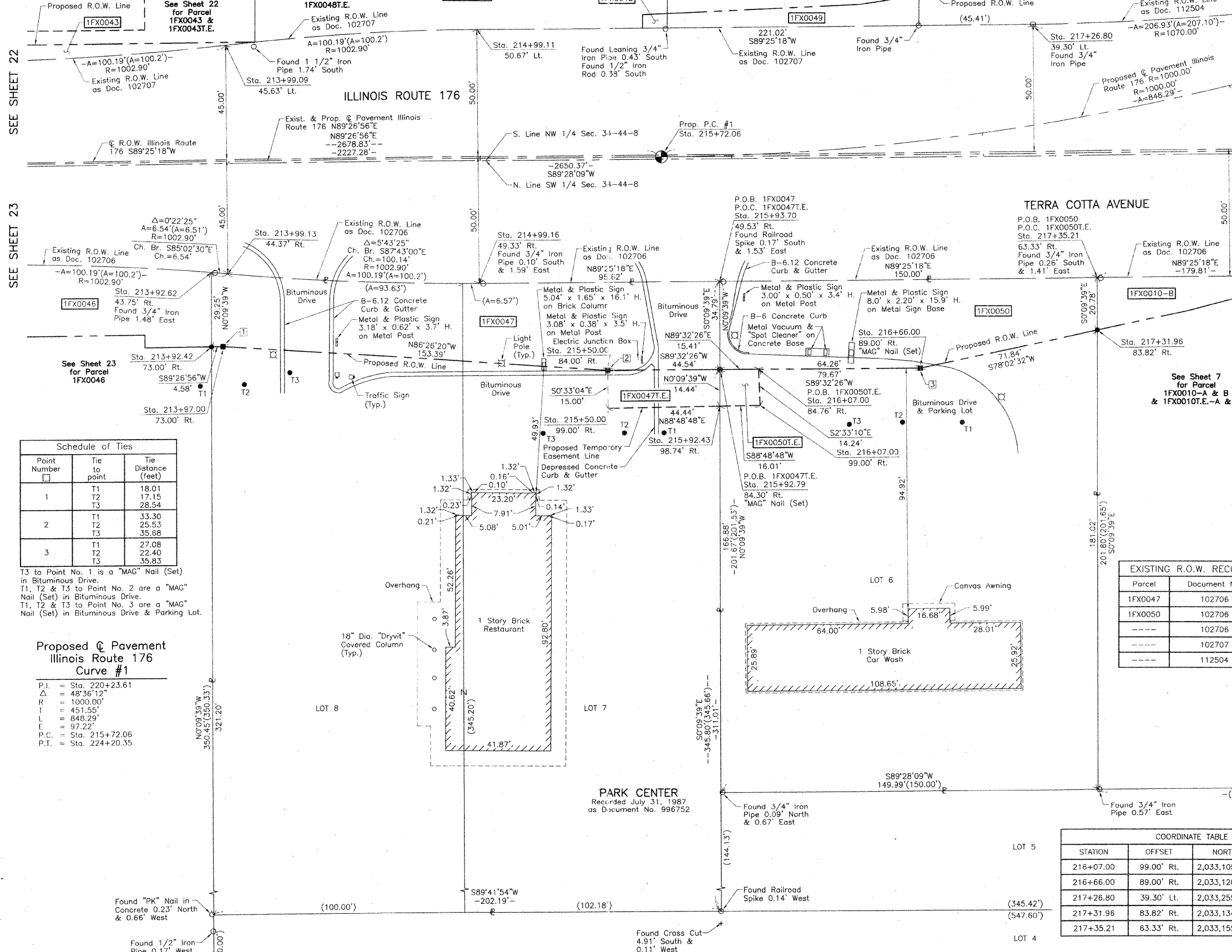
DATED AT LAKE VILLA, ILLINOIS THIS 3rd DAY OF March 2008 A.D.

CHRISTIAN H. JORGENSEN
2797
PROFESSIONAL
LAND
SURVEYOR
STATE OF
ILLINOIS
LAKE VILLA, ILLINOIS

RECEIVED
APR 29 2011
PLATS & LEGALS

820 EAST OFFICE PARK CONDOMINIUM

Recorded October 3, 2000
as Document No. 2000R0054034



Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	18.01
	T2	17.15
	T3	28.54
2	T1	33.30
	T2	25.53
	T3	35.68
3	T1	27.08
	T2	22.40
	T3	35.83

T3 to Point No. 1 is a "MAG" Nail (Set) in Bituminous Drive.
T1, T2 & T3 to Point No. 2 are a "MAG" Nail (Set) in Bituminous Drive.
T1, T2 & T3 to Point No. 3 are a "MAG" Nail (Set) in Bituminous Drive & Parking Lot.

Proposed Pavement Illinois Route 176 Curve #1

P.I. = Sta. 220+23.61
Δ = 48°36'12"
R = 1000.00'
I = 451.55'
L = 848.29'
E = 97.22'
P.C. = Sta. 215+72.06
P.T. = Sta. 224+20.35

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FX0047	102706	August 8, 1932
1FX0050	102706	August 8, 1932
-----	102706	August 8, 1932
-----	102707	August 8, 1932
-----	112504	November 14, 1934

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
213+92.42	73.00' Rt.	2,033,128.591	996,273.880
213+92.62	43.75' Rt.	2,033,157.845	996,273.798
213+97.00	73.00' Rt.	2,033,128.635	996,278.457
213+99.09	45.63' Lt.	2,033,247.275	996,279.407
213+99.13	44.37' Rt.	2,033,157.280	996,280.315
214+99.11	50.67' Lt.	2,033,253.285	996,379.371
214+99.16	49.33' Rt.	2,033,153.290	996,380.381
215+50.00	84.00' Rt.	2,033,119.107	996,431.556
215+50.00	99.00' Rt.	2,033,104.108	996,431.700
215+92.43	98.74' Rt.	2,033,105.028	996,476.134
215+92.79	84.30' Rt.	2,033,119.464	996,476.093
215+93.70	49.53' Rt.	2,033,154.255	996,475.995
216+07.00	84.76' Rt.	2,033,119.588	996,491.507

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
216+07.00	99.00' Rt.	2,033,105.360	996,492.141
216+66.00	89.00' Rt.	2,033,120.103	996,555.762
217+26.80	39.30' Lt.	2,033,255.516	996,600.383
217+31.96	83.82' Rt.	2,033,134.987	996,626.041
217+35.21	63.33' Rt.	2,033,155.770	996,625.983

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 213+00 TO STATION 218+00
SCALE: 1"=20' SHEET 24 OF 39

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

SEE SHEET 23 SEE SHEET 22

LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 PLATTED QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL
 APPARENT PROPERTY LINE
 CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DATA

EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

0 20' 40'
 SCALE: 1"=20'

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 T2
 T3

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 BT2
 BT3

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 4th DAY OF March 2008 A.D.

CHRISTIAN H. JORGENSEN
 2797
 PROFESSIONAL LAND SURVEYOR
 STATE OF ILLINOIS
 LAKE VILLA, ILLINOIS

RECEIVED
 APR 29 2011
 PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

SHEET 1 IS A COVER
 SHEET AND IS NOT RECORDED.

820 EAST OFFICE PARK CONDOMINIUM

820 EAST OFFICE PARK CONDOMINIUM SUPPLEMENT NO. 3

820 EAST OFFICE PARK CONDOMINIUM SUPPLEMENT NO. 5

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
215+75.04	56.38' Lt.	2,033,259.720	996,455.078
215+75.44	77.09' Lt.	2,033,280.434	996,455.188
216+32.00	61.00' Lt.	2,033,266.539	996,508.451
216+33.00	76.00' Lt.	2,033,281.568	996,508.330
216+56.00	56.00' Lt.	2,033,263.397	996,531.379
216+73.58	6.16' Rt.	2,033,203.320	996,554.778
216+79.87	45.21' Lt.	2,033,255.058	996,555.054
216+81.42	57.06' Lt.	2,033,266.993	996,555.118
216+82.08	62.02' Lt.	2,033,271.994	996,555.145
217+26.80	39.30' Lt.	2,033,255.516	996,600.383

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FX0048	102707	August 8, 1932
1FX0048	332585	December 12, 1957
1FX0049	102707	August 8, 1932
---	102706	August 8, 1932
---	102707	August 8, 1932
---	112504	November 14, 1934

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	35.40
	T2	38.87
	T3	47.29
2	T1	30.08
	T2	33.95
	T3	43.40
3	T1	47.18
	T2	36.06
	T3	44.17

T1, T2 & T3 to Point Nos. 1 & 2 are a "MAG" Nail (Set) in Bituminous Parking Lot.
 T1 to Point No. 3 is a "MAG" Nail (Set) in 8" Tree.
 T2 & T3 to Point No. 3 are a "MAG" Nail (Set) in Bituminous Parking Lot.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
213+99.09	45.63' Lt.	2,033,247.275	996,279.407
213+99.13	44.37' Rt.	2,033,157.280	996,280.315
214+10.00	0.88' Rt.	2,033,200.873	996,290.762
214+10.71	46.73' Lt.	2,033,248.489	996,291.016
214+11.16	76.62' Lt.	2,033,278.380	996,291.175
214+82.00	76.00' Lt.	2,033,278.445	996,362.020
214+99.11	50.67' Lt.	2,033,253.285	996,379.371
214+99.16	49.33' Rt.	2,033,153.290	996,380.381
215+64.98	0.94' Rt.	2,033,202.309	996,445.738
215+65.00	50.70' Lt.	2,033,253.950	996,445.259
215+65.00	56.00' Lt.	2,033,259.245	996,445.208
215+74.01	0.94' Rt.	2,033,202.393	996,454.772
215+74.93	50.71' Lt.	2,033,254.049	996,455.048

M.G.A.S. VENTURE SUBDIVISION

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0048	Fifth Third Bank, (Chicago), as Trustee under a Trust Agreement dated the 11th day of January, 2002, and known as Trust Number 4004152	2.835	0.012	0.011	2.823	0.098	Construction Purposes	14-34-177-006 14-34-177-007	
1FX0049	Fifth Third Bank, (Chicago), as Trustee under a Trust Agreement dated the 17th day of December, 2001, and known as Trust Number 4004149	1.111	0.137	0.119	0.974	0.030	Construction Purposes	14-34-177-010 14-34-177-024	

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (ILLINOIS ROUTE 31)

SECTION 112R-N McHENRY COUNTY
 PROJECT JOB NO. R-91-005-02
 STATION 213+00 TO STATION 218+00
 SCALE: 1"=20' SHEET 25 OF 39

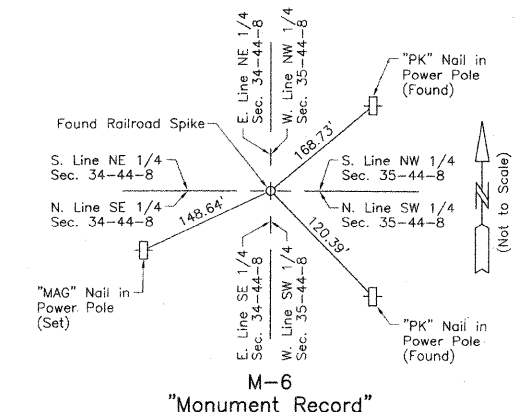
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

AS DOCUMENT NO.

BY	DATE	MADE	CHECKED	INKED	NOTEBOOK NO.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0051 1FX0051T.E.	Crystal Bowl, Inc., an Illinois Corporation	7.381	0.979	0.224	6.402	0.067	Driveway Construction	14-34-252-013 14-34-252-014 14-34-252-017	

STATION	OFFSET	NORTH	EAST
222+73.12	121.00' Rt.	2,033,353.641	997,174.474
222+93.47	289.48' Rt.	2,033,243.264	997,304.093
223+62.08	44.50' Lt.	2,033,537.318	997,128.381
223+85.00	84.58' Rt.	2,033,465.371	997,238.068
223+85.00	109.00' Rt.	2,033,448.760	997,255.963
224+64.71	40.84' Lt.	2,033,609.513	997,197.786
225+15.17	49.31' Rt.	2,033,588.725	997,298.978
225+34.46	80.65' Rt.	2,033,582.815	997,335.305
225+34.55	49.17' Rt.	2,033,603.470	997,311.552
226+15.20	44.59' Rt.	2,033,667.481	997,360.836
227+15.24	39.88' Rt.	2,033,746.237	997,422.695
301+27.67	0.67' Rt.	2,033,207.523	997,008.396
304+23.68	2.22' Rt.	2,033,210.266	997,304.398

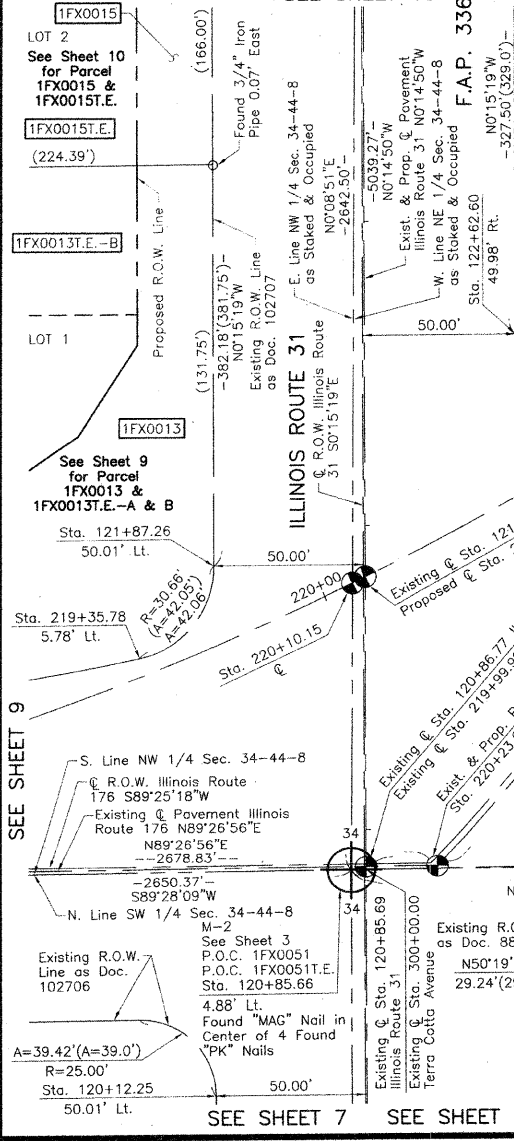


Parcel	Document No.	Date Recorded
1FX0051	112342	November 2, 1934
1FX0051	84 ED 1	May 3, 1984*
-----	102706	August 8, 1932
-----	102707	August 8, 1932
-----	112339	November 2, 1934
-----	112341	November 2, 1934
-----	112342	November 2, 1934
-----	398902	February 28, 1962
-----	880732	May 7, 1984

East 1/4 Corner of Section 34-44-8
N 2,033,230.783 - E 999,518.622
Recorded November 21, 2000
Document No. 2000R0064193

See Sheet 11 for Parcel 1FX0016-A & B & 1FX0016T.E.

M.G.A.S. VENTURE SUBDIVISION
Recorded December 4, 1995 as Document No. 95R053570



See Sheet 10 for Parcel 1FX0014 & 1FX0014T.E.-A & B

See Sheet 11 for Parcel 1FX0016-A & B & 1FX0016T.E.

See Sheet 37 FOR TOTAL HOLDINGS PARCEL 1FX0051 & 1FX0051T.E.

ROW PLAT	DATE	BY
MADE		
CHECKED		
INKED		
NOTEBOOK NO.		

REVISION DATE

REVISION

MADE BY

RECEIVED
APR 29 2011
PLATS & LEGALS

STATION	OFFSET	NORTH	EAS ²
120+12.25	50.01' Lt.	2,033,132.697	996,831.036
120+34.52	59.19' Rt.	2,033,155.433	996,940.135
120+53.09	81.78' Rt.	2,033,174.096	996,962.641
120+85.66	4.88' Lt.	2,033,206.295	996,875.842
121+87.26	50.01' Lt.	2,033,307.702	996,830.274
122+62.60	49.98' Rt.	2,033,383.466	996,929.937
219+35.78	5.78' Lt.	2,033,277.536	996,805.810
220+93.07	116.24' Rt.	2,033,240.522	997,006.090
220+93.94	106.44' Rt.	2,033,249.466	997,003.965
221+27.94	9.75' Lt.	2,033,367.175	996,973.802
222+57.71	38.73' Lt.	2,033,465.124	997,058.977
222+70.00	99.00' Rt.	2,033,368.080	997,157.517

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 120+00 TO STATION 123+00
STATION 219+00 TO STATION 228+00
STATION 300+00 TO STATION 306+00
SCALE: 1"=30'
SHEET 26 OF 39

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

AS DOCUMENT NO.



THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS 26th DAY OF April 2011.

Point Number	Tie to point	Tie Distance (feet)
1	T1	67.35
	T2	57.31
	T3	54.88
2	T1	34.85
	T2	32.98
	T3	44.29

T1, T2 & T3 to Point Nos. 1 & 2 are "MAG" Nails (Set) in Bituminous Parking Lot.

Proposed Pavement Illinois Route 176 Curve #1
P.I. = Sta. 220+23.61
Δ = 48°36'12"
R = 1000.00'
T = 451.55'
L = 848.29'
E = 97.22'
P.C. = Sta. 215+72.06
P.T. = Sta. 224+20.35

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

SECTION CORNER 910 1615
QUARTER SECTION CORNER 16 15

Scale: 1"=30'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

CONTRACT NO. 6237
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0052 1FX0052T.E.-A 1FX0052T.E.-B	Bradley J. Lewis and Carol Lewis, as joint tenants	0.962	0.106	0.016	0.856	T.E.-A=0.074 T.E.-B=0.003	N/A 145	Grading Grading	4-34-252-011
1FX0053 1FX0053T.E.	Thomas J. Snodden, Sr. and Marilyn L. Snodden, his wife, in joint tenancy	0.482	0.051	N/A	0.431	0.017	N/A	Grading	14-34-252-010
1FX0054 1FX0054T.E.	Patrick J. Doherty, Jr., individually	0.482	0.067	N/A	0.415	0.006	272	Grading	14-34-252-009

COORDINATE TABLE			
STATION	OF SET	NORTH	EAST
227+15.24	39.88' Rt.	2,033,746.237	997,422.695
227+20.00	60.00' Rt.	2,033,736.682	997,441.032
227+20.00	70.00' Rt.	2,033,730.141	997,448.597
227+34.52	70.00' Rt.	2,033,741.122	997,458.090
227+34.54	60.00' Rt.	2,033,747.683	997,450.544
227+34.60	39.93' Rt.	2,033,760.850	997,435.402
227+65.00	60.00' Rt.	2,033,770.723	997,470.463
228+34.52	70.00' Rt.	2,033,816.771	997,523.495
228+34.53	66.95' Rt.	2,033,818.771	997,521.195
228+34.60	40.22' Rt.	2,033,836.310	997,501.020
228+65.00	70.00' Rt.	2,033,839.830	997,543.430
229+05.00	70.00' Rt.	2,033,870.089	997,569.591
229+34.47	88.42' Rt.	2,033,860.337	997,602.801
229+34.52	70.00' Rt.	2,033,892.421	997,588.899
229+34.60	40.51' Rt.	2,033,911.770	997,566.638

LEGEND

SECTION CORNER: 9 10 16 15

QUARTER SECTION CORNER: 16 15

SECTION LINE

QUARTER SECTION LINE

QUARTER SECTION LINE

PLATTED LOT LINE

PROPERTY (DEED) LINE

APL

APPARENT PROPERTY LINE

CENTER LINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

PROPOSED EASEMENT

MEASURED DIMENSION

COMPUTED DIMENSION

RECORD DATA

EXISTING BUILDING

SCALE: 1"=20'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

○ IRON PIPE OR ROD FOUND

⊕ "MAG" NAIL SET

+ CUT CROSS FOUND OR SET

● 5/8" REBAR SET

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

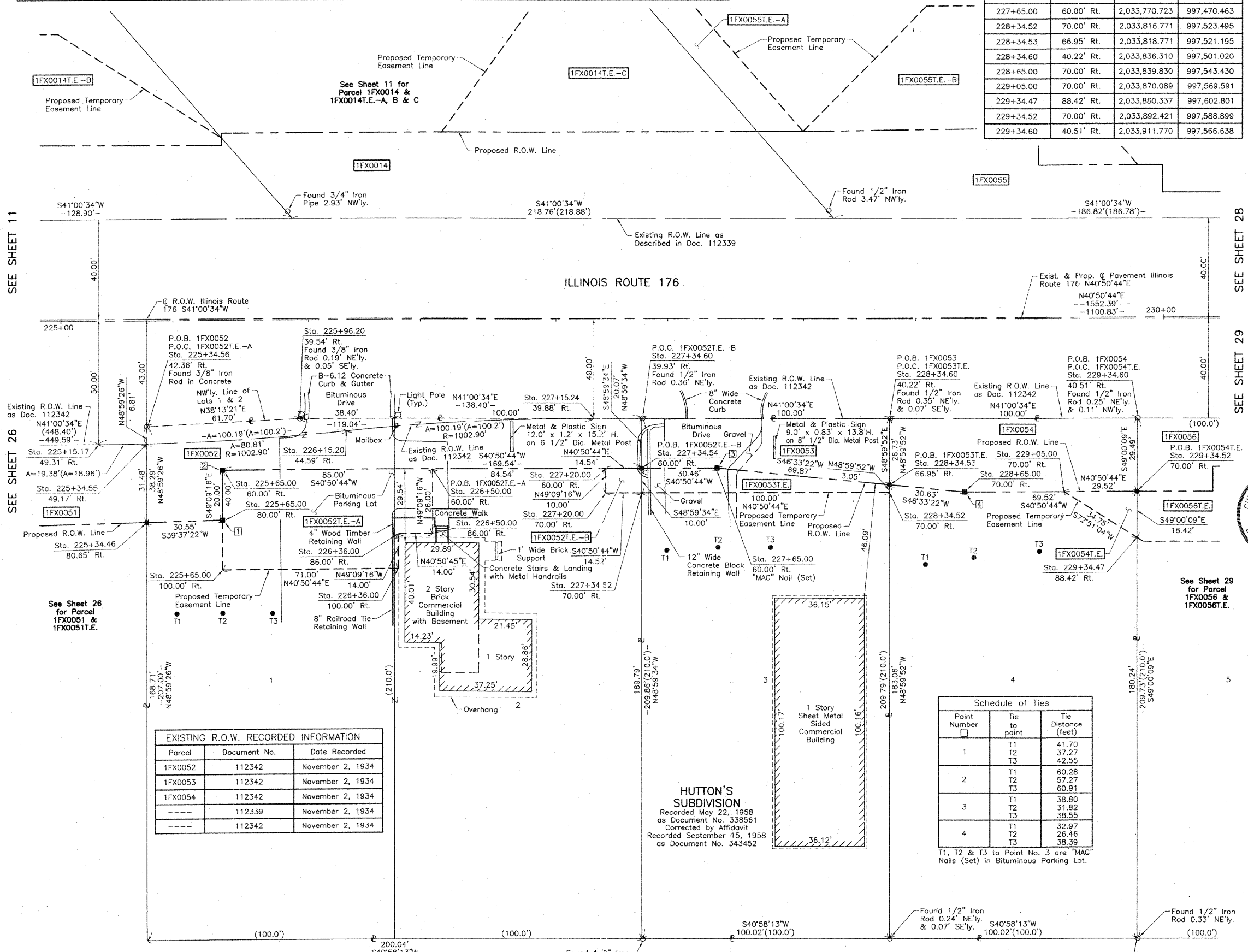
● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.



SEE SHEET 11

SEE SHEET 26

SEE SHEET 28

SEE SHEET 29

BY	DATE
MADE	
CHECKED	
INKED	
ROW PLAT	
NOTEBOOK NO.	

See Sheet 26 for Parcel 1FX0051 & 1FX0051T.E.

See Sheet 29 for Parcel 1FX0056 & 1FX0056T.E.

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1FX0052	112342	November 2, 1934
1FX0053	112342	November 2, 1934
1FX0054	112342	November 2, 1934
---	112339	November 2, 1934
---	112342	November 2, 1934

HUTTON'S SUBDIVISION
Recorded May 22, 1958
as Document No. 338561
Corrected by Affidavit
Recorded September 15, 1958
as Document No. 343452

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	41.70
	T2	37.27
	T3	42.55
2	T1	60.28
	T2	57.27
	T3	60.91
3	T1	38.80
	T2	31.82
	T3	38.55
4	T1	32.97
	T2	26.46
	T3	38.39

T1, T2 & T3 to Point No. 3 are "MAG" Nails (Set) in Bituminous Parking Lot.



RECEIVED
AUG 30 2010
PLATS & LEGALS

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
225+15.17	49.31' Rt.	2,033,588.725	997,298.978
225+34.46	80.65' Rt.	2,033,582.815	997,335.305
225+34.55	49.17' Rt.	2,033,603.470	997,311.552
225+34.56	42.36' Rt.	2,033,607.941	997,306.411
225+65.00	60.00' Rt.	2,033,619.428	997,339.859
225+65.00	80.00' Rt.	2,033,606.348	997,354.788
225+65.00	100.00' Rt.	2,033,593.267	997,369.918
225+96.20	39.54' Rt.	2,033,656.413	997,344.586
226+15.20	44.59' Rt.	2,033,667.481	997,360.836
226+36.00	86.00' Rt.	2,033,656.133	997,405.763
226+36.00	100.00' Rt.	2,033,646.977	997,416.354
226+50.00	60.00' Rt.	2,033,683.728	997,395.251
226+50.00	86.00' Rt.	2,033,666.724	997,414.919

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)

SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 225+00 TO STATION 230+00
SCALE: 1"=20' SHEET 27 OF 39

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

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0057	James Lantz, as to an undivided 1/2 interest and Terry C. Wilborn, Trustee of the Terry C. Wilborn Declaration of Trust dated June 30, 2005, as to an undivided 1/4 interest and Doreen M. Wilborn, Trustee of the Doreen M. Wilborn Declaration of Trust dated June 30, 2005, as to an undivided 1/4 interest	6.010	0.948	0.643	5.062	N/A	N/A	14-34-251-009	

LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

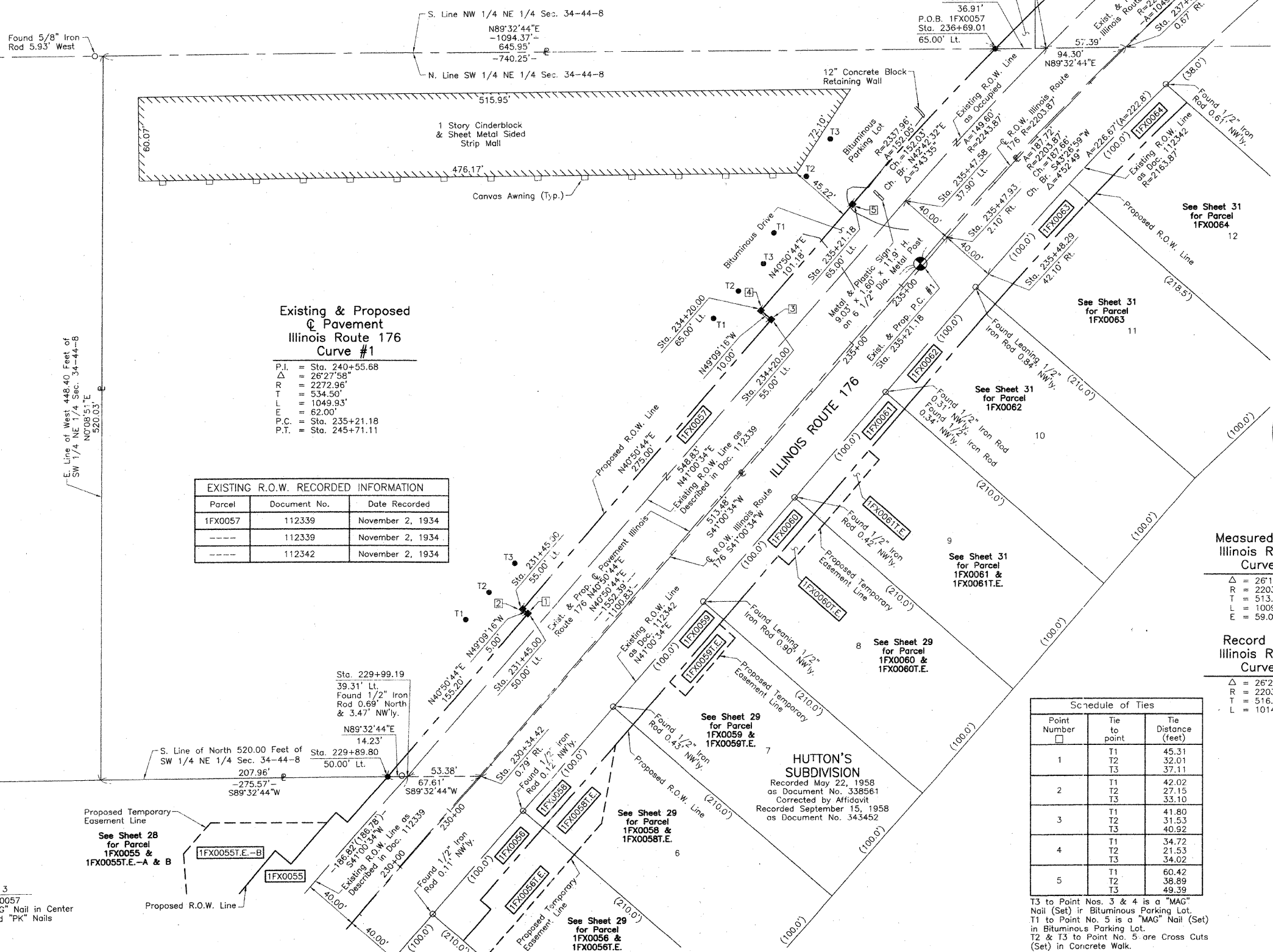
APL APPARENT PROPERTY LINE
 CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA

EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997)
 East Zone of Found Geodetic Survey Control Monuments "Nunda RM 1",
 P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

0 40' 80'
 SCALE: 1"=40'

CONTRACT NO. 82587



Existing & Proposed Pavement @ Illinois Route 176 Curve #1

P.I.	= Sta. 240+55.68
Δ	= 26°27'58"
R	= 2272.96'
T	= 534.50'
L	= 1049.93'
P.C.	= Sta. 235+21.18
P.T.	= Sta. 245+71.11

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FX0057	112339	November 2, 1934
-----	112339	November 2, 1934
-----	112342	November 2, 1934

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	45.31
	T2	32.01
	T3	37.11
2	T1	42.02
	T2	27.15
	T3	33.10
3	T1	41.80
	T2	31.53
	T3	40.92
4	T1	34.72
	T2	21.53
	T3	34.02
5	T1	60.42
	T2	38.89
	T3	49.39

PLATS & LEGALS

Measured @ R.O.W. Illinois Route 176 Curve Data

Δ = 26°14'07"
 R = 2203.87'
 T = 513.57'
 L = 1009.13'
 E = 59.05'

Record @ R.O.W. Illinois Route 176 Curve Data

Δ = 26°22'
 R = 2203.87'
 T = 516.21'
 L = 1014.1'

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
229+89.80	50.00' Lt.	2,034,012.720	997,534.275
229+99.19	39.31' Lt.	2,034,012.833	997,548.504
230+34.42	0.79' Rt.	2,034,013.256	997,601.881
231+45.00	50.00' Lt.	2,034,130.126	997,635.780
231+45.00	55.00' Lt.	2,034,133.396	997,631.998
234+20.00	55.00' Lt.	2,034,341.426	997,811.854
234+20.00	65.00' Lt.	2,034,347.967	997,804.289
235+21.18	65.00' Lt.	2,034,424.509	997,870.465
235+47.58	37.90' Lt.	2,034,426.978	997,908.636
235+47.93	2.10' Rt.	2,034,400.731	997,938.820
235+48.29	42.10' Rt.	2,034,374.483	997,969.004
236+69.01	65.00' Lt.	2,034,536.221	997,973.582
236+94.68	39.06' Lt.	2,034,536.514	998,010.493
237+35.75	0.67' Rt.	2,034,536.969	998,067.878

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

60046 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (ILLINOIS ROUTE 31)

SECTION 112R-N McHENRY COUNTY
 PROJECT TO STATION 229+00 JOB NO. R-91-005-02
 STATION 229+00 TO STATION 238+00
 SCALE: 1"=40' SHEET 30 OF 39

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

AS DOCUMENT NO.

BY	DATE	MADE	CHECKED	LINKED	NOTED	BOOK	NO.

E. Line NW 1/4 Sec. 34-44-8 as Staked & Occupied
 1321.25'
 -2642.60'
 N0°08'51"E

W. Line NE 1/4 Sec. 34-44-8 as Staked & Occupied
 520.03'

M-2 See Sheet 3
 P.O.B. 1FX0057
 Found "MAG" Nail in Center of 4 Found "PK" Nails

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0061 1FX0061T.E.	Nicole Kornak, or her successor in Trust as Trustee of the Nicole Kornak Self Declaration of Trust Dated June 30, 2006	0.481	0.042	N/A	0.439	0.014	Grading	14-34-252-004	
1FX0062	Russell A. Pinsky	0.481	0.041	N/A	0.440	N/A	N/A	14-34-252-003	
1FX0063	Dan Reyrcraft, a bachelor	0.490	0.042	N/A	0.448	N/A	N/A	14-34-252-002	
1FX0064	Daniel Eyles, Jr.	0.503	0.044	N/A	0.459	N/A	N/A	14-34-252-001	

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	30.31 22.42 20.51
2	T1 T2 T3	32.21 21.43 33.56

T1 to Point No. 1 is a "MAC" Nail (Set) in 24" Tree.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
236+36.72	41.37' Rt.	2,034,438.830	998,027.266
236+37.62	60.00' Rt.	2,034,426.573	998,041.327
237+38.55	40.65' Rt.	2,034,509.937	998,097.515
237+40.36	60.00' Rt.	2,034,497.207	998,112.147

SECTION CORNER 910 1615

QUARTER SECTION CORNER 16 15

SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

SCALE: 1"=20'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● T2
● T3

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● BT2
● BT3

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

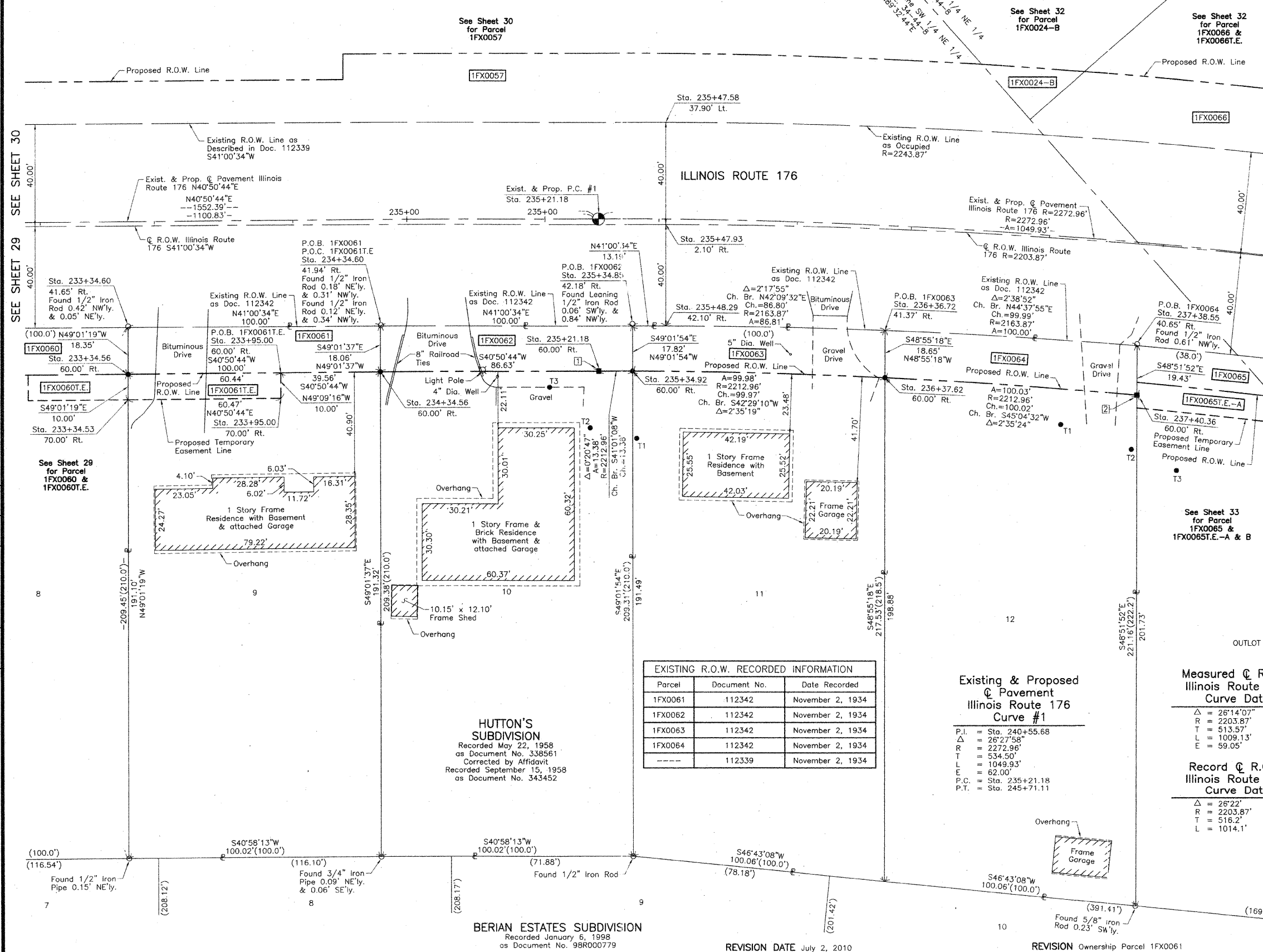
STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 26th DAY OF March 2008 A.D.

CHRISTIAN H. JORGENSEN PRESIDENT
2797 PROFESSIONAL LAND SURVEYOR NO. 35-2797
STATE OF ILLINOIS
LAKE VILLA, ILLINOIS
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619,141.789-E.301,410.374.
NOTE: SURFACE COORDINATES ARE SHOWN.



BY	DATE	MADE	CHECKED	INKED	NO.
ROW PLAT					
NOTEBOOK					

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1FX0061	112342	November 2, 1934
1FX0062	112342	November 2, 1934
1FX0063	112342	November 2, 1934
1FX0064	112342	November 2, 1934
---	112339	November 2, 1934

HUTTON'S SUBDIVISION
Recorded May 22, 1958
as Document No. 338561
Corrected by Affidavit
Recorded September 15, 1958
as Document No. 343452

BERIAN ESTATES SUBDIVISION
Recorded January 6, 1998
as Document No. 98R000779

REVISION DATE July 2, 2010

Existing & Proposed Pavement Illinois Route 176 Curve #1

P.I. = Sta. 240+55.68
Δ = 26°27'58"
R = 2272.96'
T = 534.50'
L = 1049.93'
E = 62.00'
P.C. = Sta. 235+21.18
P.T. = Sta. 245+71.11

Measured @ R.O.W. Illinois Route 176 Curve Data

Δ = 26°14'07"
R = 2203.87'
T = 513.57'
L = 1009.13'
E = 59.05'

Record @ R.O.W. Illinois Route 176 Curve Data

Δ = 26°22'
R = 2203.87'
T = 513.57'
L = 1014.1'

STATION	OFFSET	NORTH	EAST
233+34.53	70.00' Rt.	2,034,195.019	997,850.515
233+34.56	60.00' Rt.	2,034,201.577	997,842.966
233+34.60	41.65' Rt.	2,034,213.610	997,829.112
233+34.60	60.00' Rt.	2,034,247.302	997,882.498
233+34.60	70.00' Rt.	2,034,240.762	997,890.063
234+34.56	60.00' Rt.	2,034,277.226	997,908.369
234+34.60	41.94' Rt.	2,034,289.070	997,894.731
235+21.18	60.00' Rt.	2,034,342.756	997,965.024
235+34.85	42.18' Rt.	2,034,364.530	997,960.349
235+34.92	60.00' Rt.	2,034,352.848	997,973.803
235+47.58	37.90' Lt.	2,034,426.978	997,908.636
235+47.93	2.10' Rt.	2,034,400.731	997,938.820
235+48.29	42.10' Rt.	2,034,374.483	997,969.004

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)

SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 234+00 TO STATION 238+00
SCALE: 1"=20' SHEET 31 OF 39

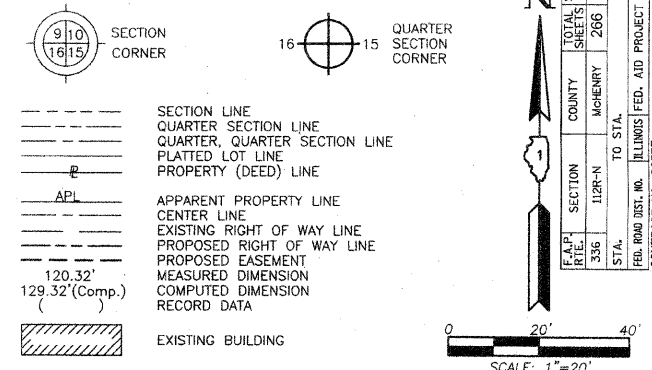
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAMBURG, ILLINOIS 60196

Existing & Proposed
 C Pavement
 Illinois Route 176
 Curve #1

Measured C R.O.W.
 Illinois Route 176
 Curve Data

Record C R.O.W.
 Illinois Route 176
 Curve Data

LEGEND



Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone of Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 T2 T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 BT2 BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS 22ND DAY OF March 2008 A.D.



RECEIVED
 AUG 30 2010
 PLATS & LEGALS

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
236+69.01	65.00' Lt.	2,034,536.221	997,973.582
236+89.06	44.66' Lt.	2,034,536.450	998,002.484
236+94.68	39.06' Lt.	2,034,536.514	998,010.493
237+08.71	65.00' Lt.	2,034,565.056	998,002.490
238+45.00	65.00' Lt.	2,034,660.131	998,105.487
238+93.00	95.00' Lt.	2,034,715.176	998,123.897
239+09.82	0.23' Lt.	2,034,653.064	998,197.506
239+41.98	40.35' Lt.	2,034,704.661	998,197.516
239+49.50	50.00' Lt.	2,034,716.985	998,197.518
239+49.50	65.00' Lt.	2,034,728.748	998,188.210
239+50.00	95.00' Lt.	2,034,752.596	998,170.003
239+67.89	74.06' Lt.	2,034,747.575	998,197.524
239+89.00	50.00' Lt.	2,034,741.762	998,229.391

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (ILLINOIS ROUTE 31)
 SECTION 112R-N McHENRY COUNTY
 PROJECT JOB NO. R-91-005-02
 STATION 236+00 TO STATION 241+00
 SCALE: 1"=20' SHEET 32 OF 39

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196
 AS DOCUMENT NO.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING SQUARE FEET	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0024-A 1FX0024-B	Home State Bank, as Trustee under Trust Agreement dated the 29th day of October, 2006 and known as Trust Number 5218	5.027	A=0.244 B=0.010	N/A 416	0.156	4.773	N/A	14-34-202-005	
1FX0066 1FX0067	Sharon L. Leach, as Trustee, of the Sharon Leach Declaration of Trust, dated September 15, 1993, as Amended	5.458	0.148	N/A	N/A	5.310	0.067	14-34-201-012 14-34-201-013	
1FX0067 1FX0067T.E.	Riverbirch Crossing LLC, an Illinois Limited Liability Company	14.523	0.984	N/A	0.971	13.539	0.011	14-34-226-003	

REVISION DATE July 2, 2010 March 28, 2008
 REVISION Ownership Parcel 1FX0024
 Ownership Parcel 1FX0067
 MADE BY

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	63.85
	T2	36.44
	T3	50.01
2	T1	75.22
	T2	51.28
	T3	54.36
3	T1	61.21
	T2	29.22
	T3	24.10
4	T1	68.58
	T2	37.56
	T3	33.27

T2 to Point Nos. 1 & 2 is a "MAG" Nail (Set) in 11" Tree.

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
-----	112342	November 2, 1934
-----	112501	November 14, 1934
-----	112502	November 14, 1934
-----	97R052803	October 27, 1997

SEE SHEET 35 FOR TOTAL HOLDINGS PARCEL 1FX0024-A & B

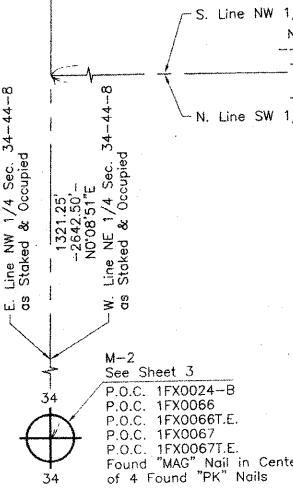
SEE SHEET 30 for Parcel 1FX0057

SEE SHEET 31

SEE SHEET 38 FOR TOTAL HOLDINGS PARCEL 1FX0066 & 1FX0067T.E.

SEE SHEET 34 FOR TOTAL HOLDINGS PARCEL 1FX0067 & 1FX0067T.E.

BY	DATE	MADE	CHECKED	LINKED	NOTED	BOOK	NO.



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0095 1FX00651.E.-A 1FX00651.E.-B	Thomas C. Krepel and Kathleen A. Krepel, in joint tenancy	0.849*	0.058*	N/A	0.791*	T.E.-A=0.019* T.E.-B=0.013	Grading Driveway Construction	14-34-276-002	
1FX0098	Home State Bank of Crystal Lake, as trustee under a trust agreement dated the 8th day of August, 1977, and known as Trust Number 2014	0.483	0.033	N/A	0.450	N/A	N/A	14-34-276-001	

* Includes the part of the NW 1/4 of the NE 1/4 of Section 34 lying Southeastly of the Southeastly R.O.W. Line of Illinois Route 176 which was not described in the boundary of Hutton's Subdivision.

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	34.31 26.43 38.07
2	T1 T2 T3	27.01 15.90 24.10
3	T1 T2 T3	39.11 31.01 36.58

T1 to Point Nos. 2 & 3 is a "MAG" Nail (Set) in 7" Tree.
T2 to Point Nos. 2 & 3 is a "MAG" Nail (Set) in 7" Tree.

Existing & Proposed Pavement Illinois Route 176 Curve #1

P.I.	= Sta. 240+55.68
Δ	= 28°27'58"
R	= 2272.96'
T	= 534.50'
L	= 1049.93'
E	= 62.00'
P.C.	= Sta. 235+21.18
P.T.	= Sta. 245+71.11

See Sheet 32 for Parcel 1FX0066 & 1FX0066T.E.

See Sheet 32 for Parcel 1FX0024-B

SEE SHEET 30

SEE SHEET 31

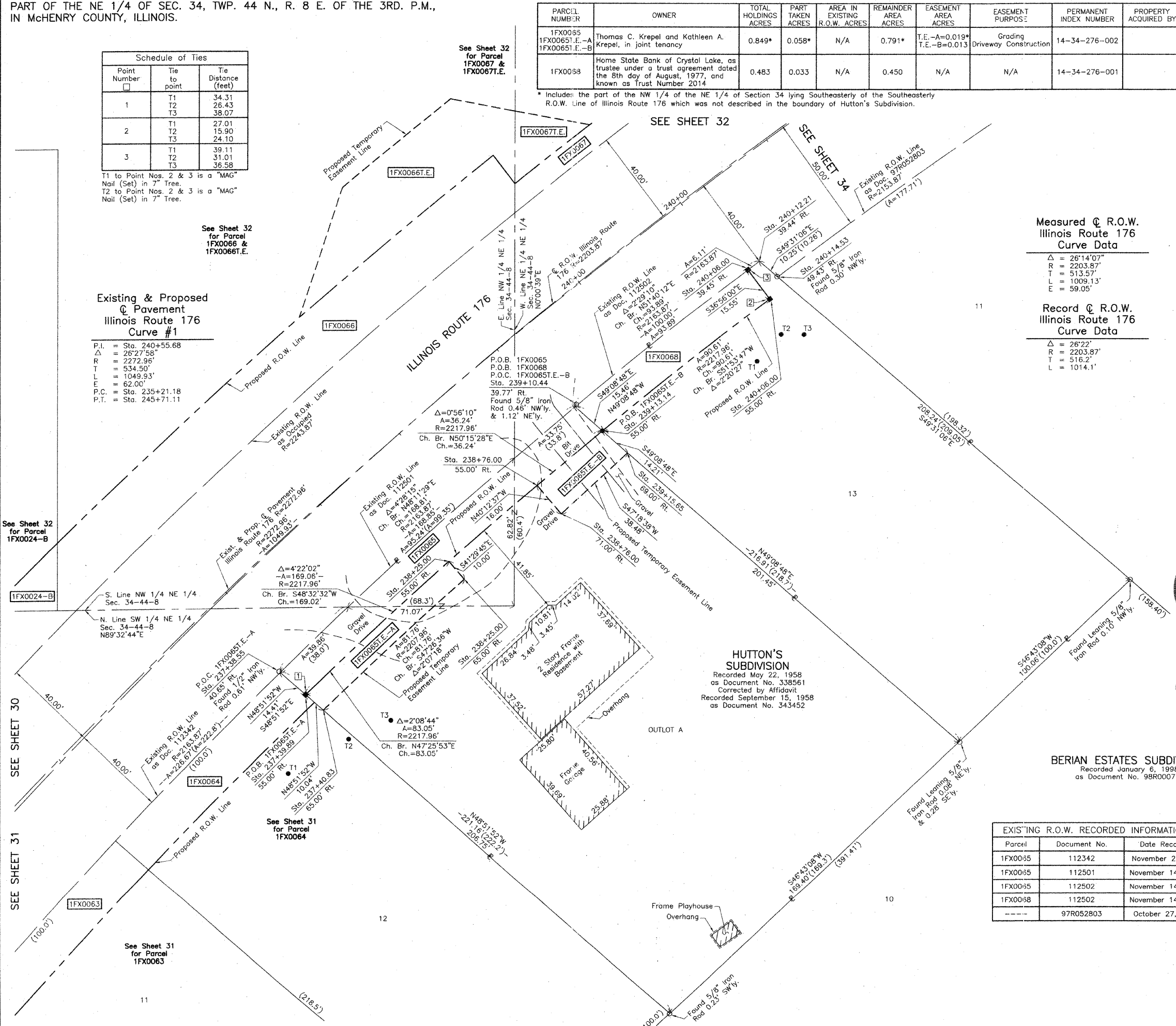
See Sheet 31 for Parcel 1FX0064

See Sheet 31 for Parcel 1FX0063

See Sheet 32 for Parcel 1FX0067 & 1FX0067T.E.

SEE SHEET 32

SEE SHEET 34



BY	DATE

ROW PLAT	MADE	CHECKED	LINKED	NOTEBOOK	NO.

REVISION	DATE

LEGEND

SECTION CORNER 9/10 16/13

QUARTER SECTION CORNER 16 15

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. A22959.

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● T2
● T3

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● BT2
● BT3

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS 31ST DAY OF March 2008 A.D.

CHRISTIAN H. JORGENSEN
2797 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS
LAKE VILLA, ILLINOIS

RECEIVED
AUG 30 2010
PLATS & LEGALS

Measured C R.O.W. Illinois Route 176 Curve Data

Δ	= 28°14'07"
R	= 2203.87'
T	= 513.57'
L	= 1009.13'
E	= 59.05'

Record C R.O.W. Illinois Route 176 Curve Data

Δ	= 28°22'
R	= 2203.87'
T	= 516.2'
L	= 1014.1'

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
237+38.55	40.65' Rt.	2,034,509.987	998,097.515
237+39.89	55.00' Rt.	2,034,500.510	998,108.366
237+40.83	65.00' Rt.	2,034,493.904	998,115.929
238+25.00	55.00' Rt.	2,034,556.688	998,169.526
238+25.00	65.00' Rt.	2,034,549.198	998,176.152
238+76.00	55.00' Rt.	2,034,589.241	998,207.168
238+76.00	71.00' Rt.	2,034,577.022	998,217.498
239+10.44	39.77' Rt.	2,034,622.523	998,223.342
239+13.14	55.00' Rt.	2,034,612.411	998,235.035
239+15.65	69.00' Rt.	2,034,603.115	998,245.785
240+06.00	39.45' Rt.	2,034,680.750	998,296.991
240+06.00	55.00' Rt.	2,034,668.323	998,306.333
240+12.21	39.44' Rt.	2,034,684.426	998,301.868
240+14.53	49.43' Rt.	2,034,677.773	998,309.662

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FX0035	112342	November 2, 1934
1FX0055	112501	November 14, 1934
1FX0055	112502	November 14, 1934
1FX0098	112502	November 14, 1934
---	97R052803	October 27, 1997

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER
SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 237+00 TO STATION 241+00
SCALE: 1"=20' SHEET 33 OF 39

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196
AS DOCUMENT NO.

COMMONWEALTH EDISON COMPANY
(Formerly Public Service Company of Northern Illinois)

LEGEND

SECTION CORNER 9 10 16 15
QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

SCALE: 1"=40'

9 10 16 15
COUNTY McHENRY
SECTION 336
TOWNSHIP 44 N.
RANGE 8 E.
SHEET NO. 266
TOTAL SHEETS 140
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 69537

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	68.58
	T2	37.56
	T3	33.27
2	T1	37.00
	T2	25.93
	T3	37.23
3	T1	29.59
	T2	13.82
	T3	38.55

T3 to Point No. 3 is a "MAG" Nail (Set) in Bituminous Drive.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FX0067 1FX0067E	Riverbich Crossing LLC, an Illinois Limited Liability Company	14.523	0.984	N/A	0.971	3.539	0.011	Grading	14-34-226-003	

Existing & Proposed Pavement Illinois Route 176 Curve #1

Measured @ R.O.W. Illinois Route 176 Curve Data

Record @ R.O.W. Illinois Route 176 Curve Data

Parameter	Value	Parameter	Value	Parameter	Value
P.I.	Sta. 240+55.68	Δ	26°14'07"	Δ	26°22'
Δ	26°27'58"	R	2203.87'	R	2203.87'
R	2272.96'	T	513.57'	T	516.2'
T	534.50'	L	1009.13'	L	1014.1'
L	1049.93'	E	59.05'		
E	62.00'				
P.C.	Sta. 235+21.18				
P.T.	Sta. 245+71.11				

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● T2
● T3

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● BT2
● BT3

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS)
)SS
COUNTY OF LAKE)

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 31ST DAY OF March 2008 A.D.



Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619,141.789-E.301,410.374.
NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
240+04.00	40.54' Lt.	2,034,743.469	998,247.296
240+12.21	39.44' Rt.	2,034,684.426	998,301.868
240+14.53	49.43' Rt.	2,034,677.773	998,309.662
245+56.76	50.12' Rt.	2,034,940.810	998,768.754
245+57.02	0.12' Rt.	2,034,986.918	998,749.414
245+57.22	39.88' Lt.	2,035,023.805	998,733.942
249+69.46	0.32' Lt.	2,035,146.447	999,129.751
249+86.09	40.34' Lt.	2,035,189.784	999,129.656

RECEIVED
AUG 30 2010
PLATS & LEGALS

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FX0067	112343	November 2, 1934
----	112502	November 14, 1934
----	97R052803	October 27, 1997

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 240+00 TO STATION 250+00
SCALE: 1"=40' SHEET 34 OF 39

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

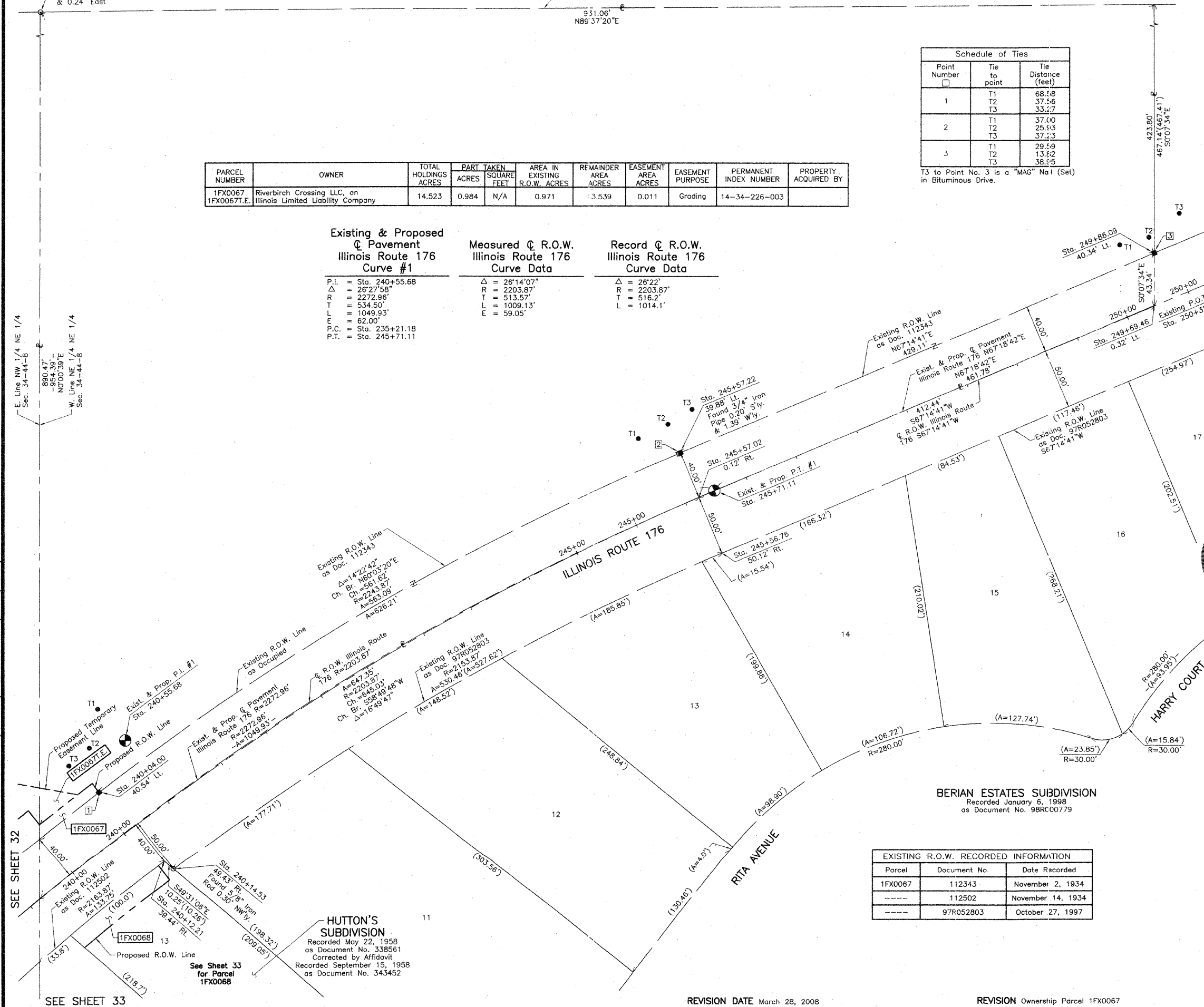
AS DOCUMENT NO.

BY	DATE
MADE	
CHECKED	
LINKED	
NOTED	
NO	

E. Line NW 1/4 NE 1/4 Sec. 34-44-8
890.47' -954.39' -N0°00'39"E
W. Line NE 1/4 NE 1/4 Sec. 34-44-8

Found 3/4" Iron Pipe 0.15' South & 0.24' East

Existing R.O.W. Line
931.06' N89°37'20"E



REVISION DATE March 28, 2008

REVISION Ownership Parcel 1FX0067

MADE BY

LEGEND

SECTION CORNER: 9 10 16 15
 QUARTER SECTION CORNER: 16 15
 SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE
 APL
 APPARENT PROPERTY LINE
 CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA
 EXISTING BUILDING
 SCALE: 1"=60'

TOTAL SHEETS	206	141
COUNTY	McHENRY	
SECTION	112R-N	
F.A.P.	336	
STA.	TO STA.	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	
CONTRACT NO.	62537	

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

- IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS 17th DAY OF May 2007 A.D.

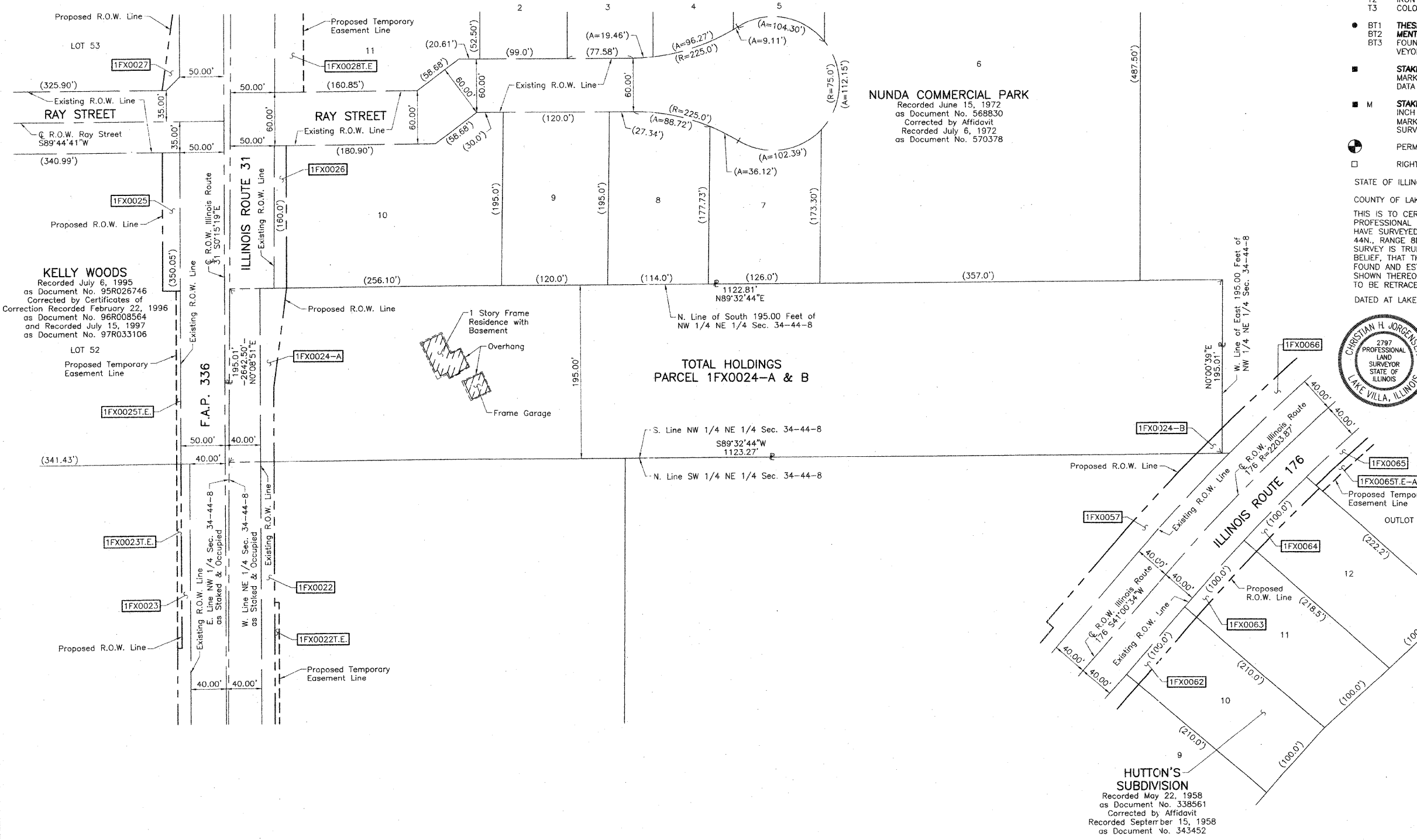
Christian H. Jorgensen PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE NOVEMBER 30, 2008
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED
 AUG 30 2010
 PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (ILLINOIS ROUTE 31)
 SECTION 112R-N McHENRY COUNTY
 PROJECT JOB NO. R-91-005-02
 STATION NONE TO STATION
 SCALE: 1"=60' SHEET 35 OF 39

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



BY	DATE	MADE	CHECKED	INKED
ROW PLAT				
NOTEBOOK				
NO				

REVISION DATE REVISION MADE BY

SECTION CORNER
 QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
API
APPERTENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

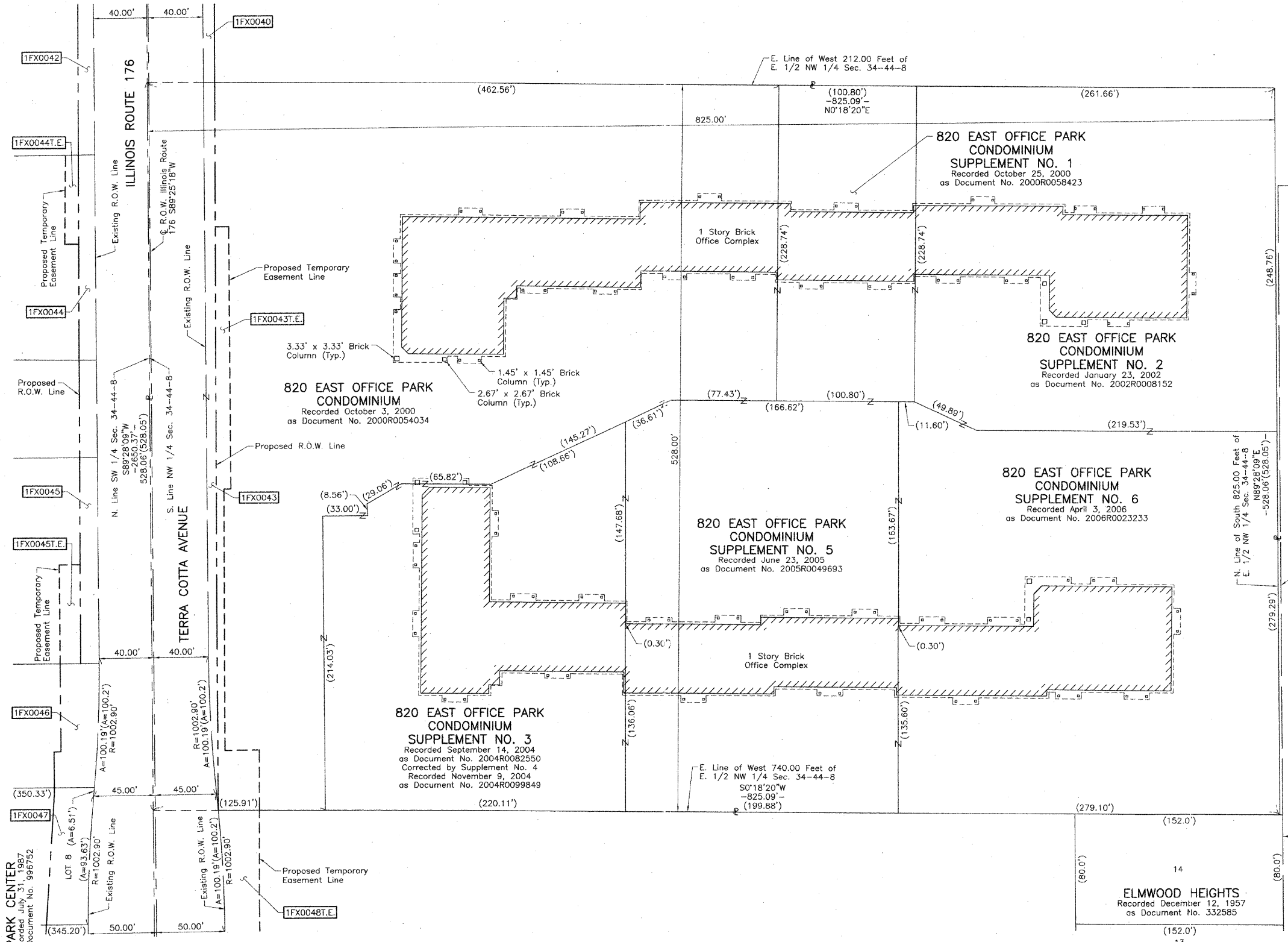
SCALE: 1"=40'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

- IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8" INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8" INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8" INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 }SS
COUNTY OF LAKE }
 }SS

FILE NO.	SHEET	COUNTY	SECTION	TO STA.	PROJECT
336	266	McHENRY	112R-N	142	ILLINOIS FED. AID PROJECT



820 EAST OFFICE PARK CONDOMINIUM SUPPLEMENT NO. 1
Recorded October 25, 2000
as Document No. 2000R0058423

820 EAST OFFICE PARK CONDOMINIUM SUPPLEMENT NO. 2
Recorded January 23, 2002
as Document No. 2002R0008152

820 EAST OFFICE PARK CONDOMINIUM SUPPLEMENT NO. 5
Recorded June 23, 2005
as Document No. 2005R0049693

820 EAST OFFICE PARK CONDOMINIUM SUPPLEMENT NO. 6
Recorded April 3, 2006
as Document No. 2006R0023233

820 EAST OFFICE PARK CONDOMINIUM SUPPLEMENT NO. 3
Recorded September 14, 2004
as Document No. 2004R0082550
Corrected by Supplement No. 4
Recorded November 9, 2004
as Document No. 2004R0099849

ELMWOOD HEIGHTS
Recorded December 12, 1957
as Document No. 332585

TERRA COTTA AVENUE

REILAND DRIVE (Elm Drive)

ILLINOIS ROUTE 176

PARK CENTER
Recorded July 31, 1987
as Document No. 996752

LOT 7
LOT 8 (A=93.63')
R=1002.90'
A=100.19'(A=100.2')
R=1002.90'

LOT 14
LOT 13
ELMWOOD HEIGHTS
Recorded December 12, 1957
as Document No. 332585

ROW PLAT	MADE	CHECKED	BY	DATE

NOTEBOOK NO.

CHRISTIAN H. JORGENSEN
PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED
AUG 30 2010
PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

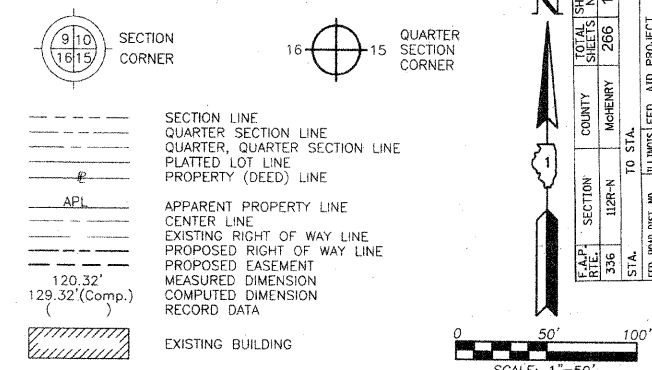
SHEET 1 IS A COVER
SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION NONE TO STATION
SCALE: 1"=40' SHEET 36 OF 39

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

REVISION DATE REVISION MADE BY

LEGEND



Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

- O IRON PIPE OR ROD FOUND ⊕ "MAC" NAIL SET
- + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERON IN SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS 2nd DAY OF July 2011 A.D.

CHRISTIAN H. JORGENSEN
 2797 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS
 LAKE VILLA, ILLINOIS
 PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE NOVEMBER 30, 2010
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

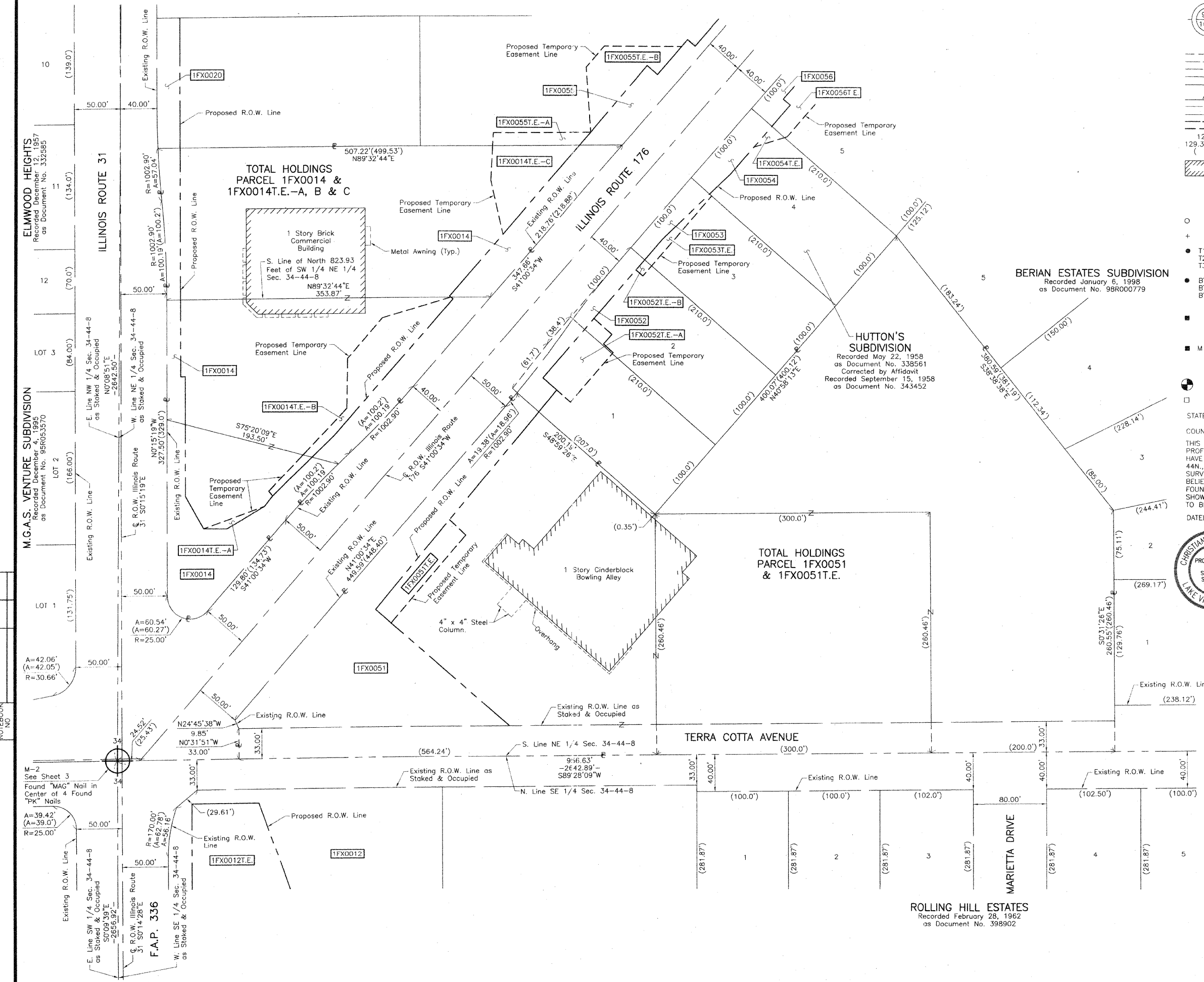
RECEIVED
 APR 29 2011
 PLATS & LEGALS

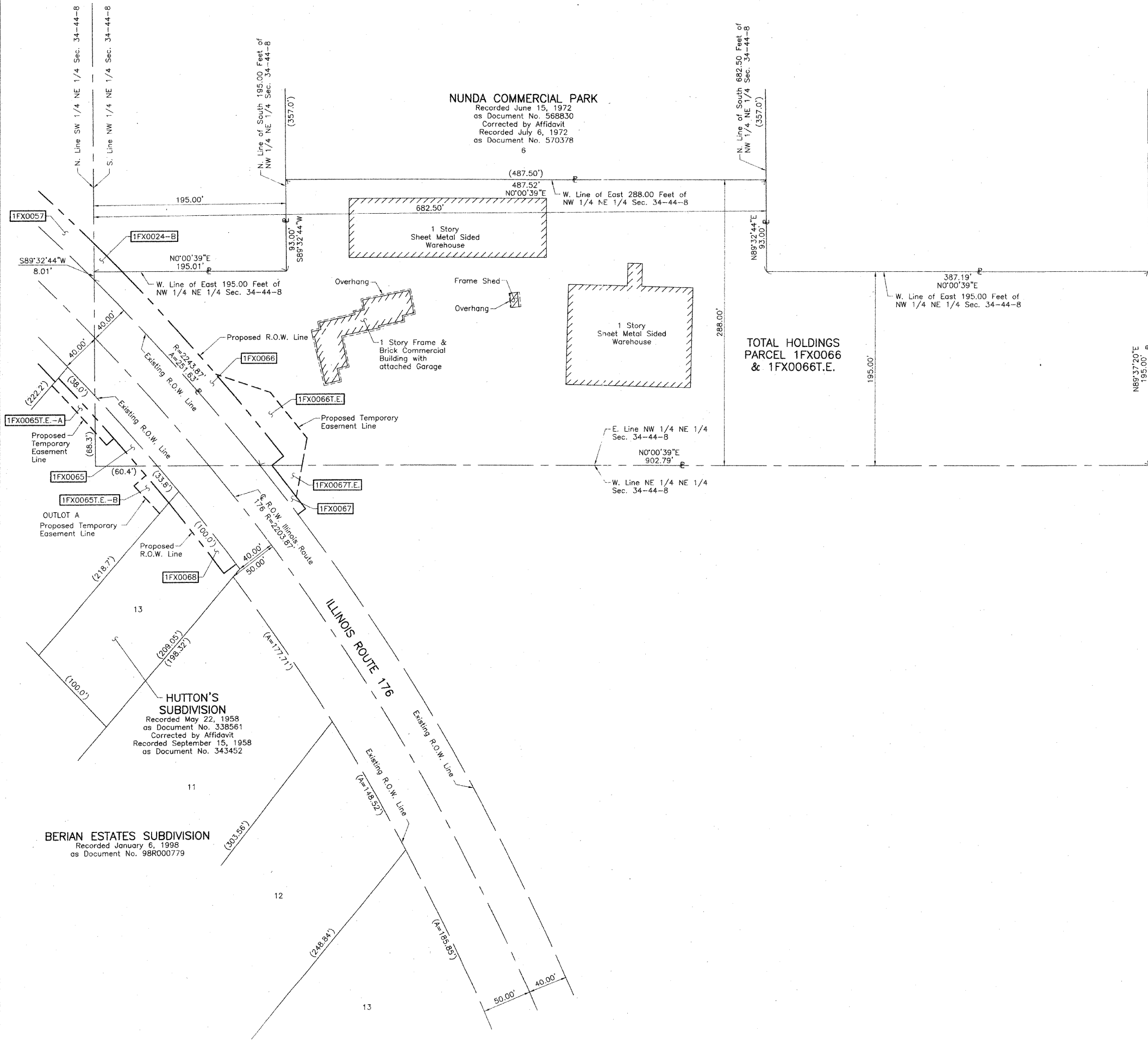
JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (ILLINOIS ROUTE 31)
 SECTION 112R-N McHENRY COUNTY
 PROJECT JOB NO. R-91-005-02
 STATION NONE TO STATION
 SCALE: 1"=50' SHEET 37 OF 39

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196
 AS DOCUMENT NO.

ROW PLAT	MADE	BY	DATE
	CHECKED		
	INKEE		
NOTEBOOK NO			





LEGEND

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

SECTION LINE
 QUARTER SECTION LINE
 QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL
 APPARENT PROPERTY LINE
 CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA

120.32'
 129.32' (Comp.)

EXISTING BUILDING

SCALE: 1"=50'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997)
 East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1",
 P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH
 T2 IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY
 T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONU-
 BT2 MENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE
 BT3 FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SUR-
 VEYORS REGISTRATION NUMBER.

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS
 PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771,
 HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP
 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE
 SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND
 BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS
 FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS
 SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY
 TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 27th DAY OF May 2007 A.D.

CHRISTIAN H. JORGENSEN
 2797 PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
 STATE OF ILLINOIS
 LAKE VILLA, ILLINOIS

Christian H. Jorgensen PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT
 ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Coordinates are based on the Published Metric Coordinate Values
 at Found Geodetic Survey Control Monument "Nunda RM 1",
 P.I.D. NH0131, of N.619,141.789-E.301,410.374.

RECEIVED
 AUG 30 2010
 PLATS & LEGALS

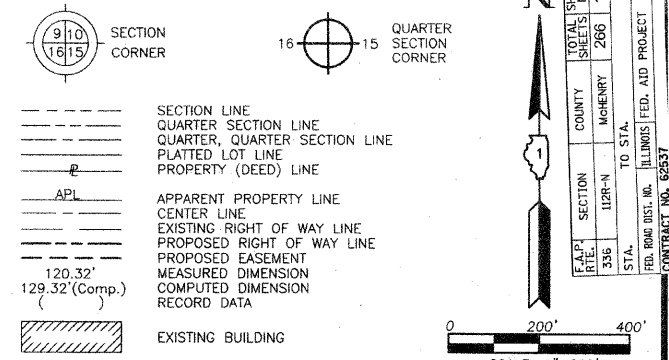
COMMONWEALTH EDISON COMPANY
 (Formerly Public Service Company of Northern Illinois)

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE LAKE VILLA, ILLINOIS 60046 SHEET 1 IS A COVER
 (847) 356-3371 SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (ILLINOIS ROUTE 31)
 SECTION 112R-N McHENRY COUNTY
 PROJECT JOB NO. R-91-005-02
 STATION NONE TO STATION
 SCALE: 1"=50' SHEET 38 OF 39

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

BY	DATE
MADE	
CHECKED	
LINKED	
ROW PLAT	
NOTEBOOK	
NO	



Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Nunda RM 1", P.I.D. NH0131 and "Crystal Lake 2A", P.I.D. AJ2959.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 27, TOWNSHIP 44N., RANGE 8E. AND SECTION 34, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 2nd DAY OF May 2008 A.D.



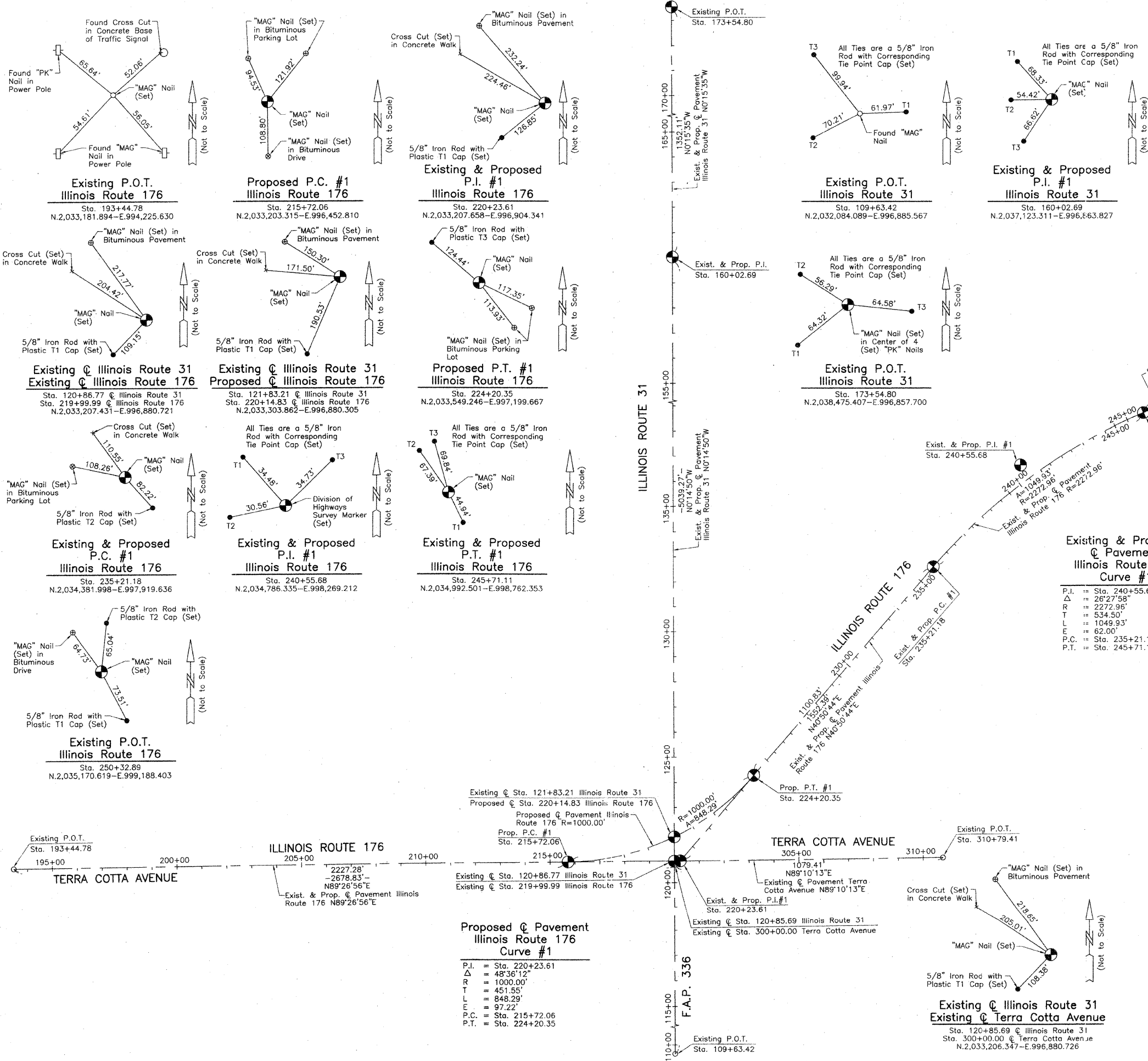
Christian H. Jorgensen
PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Nunda RM 1", P.I.D. NH0131, of N.619,141.789-E.301,410.374.
NOTE: SURFACE COORDINATES ARE SHOWN.

RECEIVED
AUG 30 2010
PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31)
SECTION 112R-N McHENRY COUNTY
PROJECT JOB NO. R-91-005-02
STATION 109+63.42 TO STATION 173+54.80
STATION 193+44.78 TO STATION 250+32.89
STATION 300+00.00 TO STATION 310+79.41
SCALE: 1"=200'
SHEET 39 OF 39

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



BY	DATE		
MADE	CHECKED	LINKED	
ROW PLAT			
NOTEBOOK			

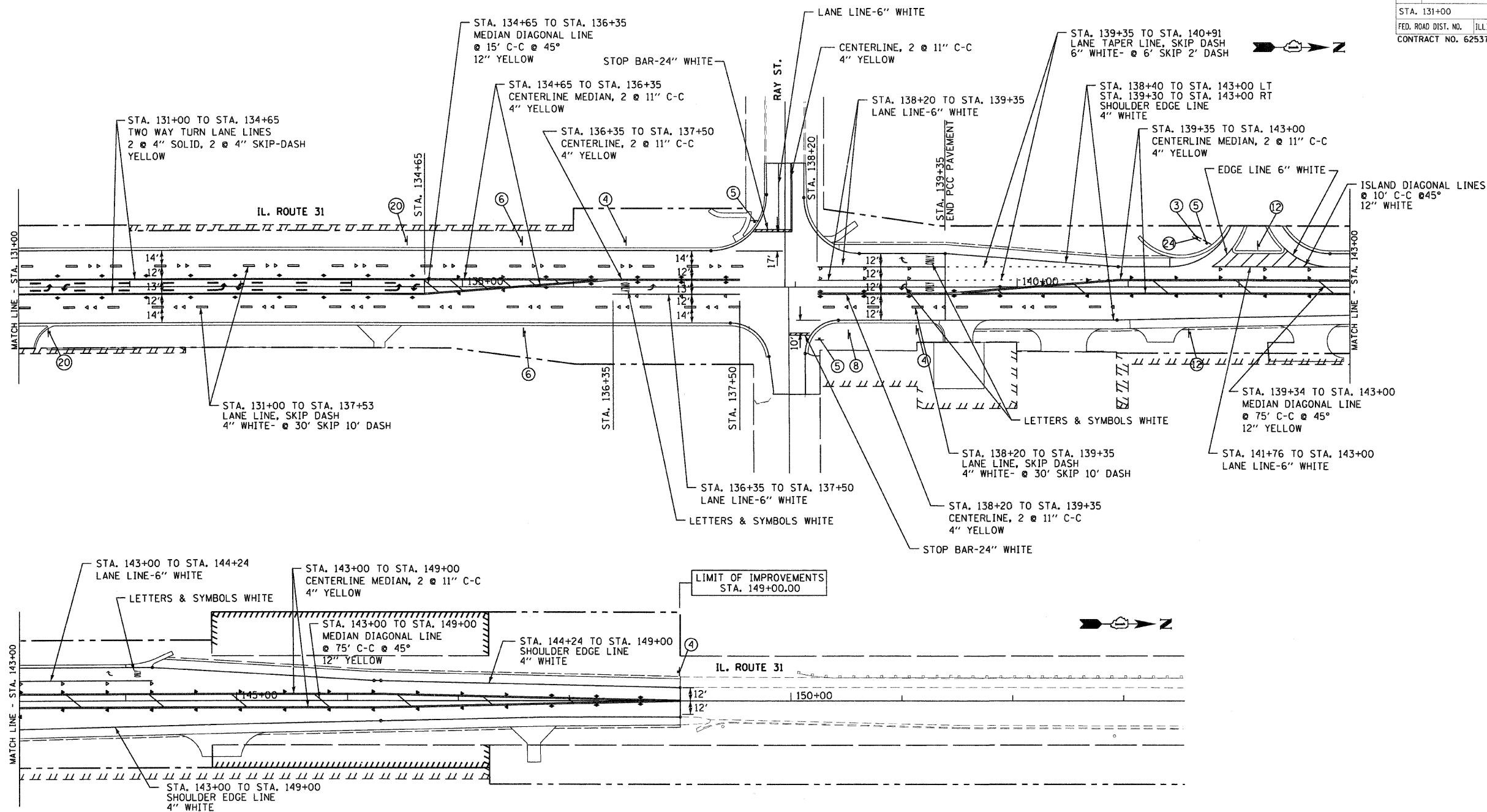
REVISION DATE

REVISION

MADE BY

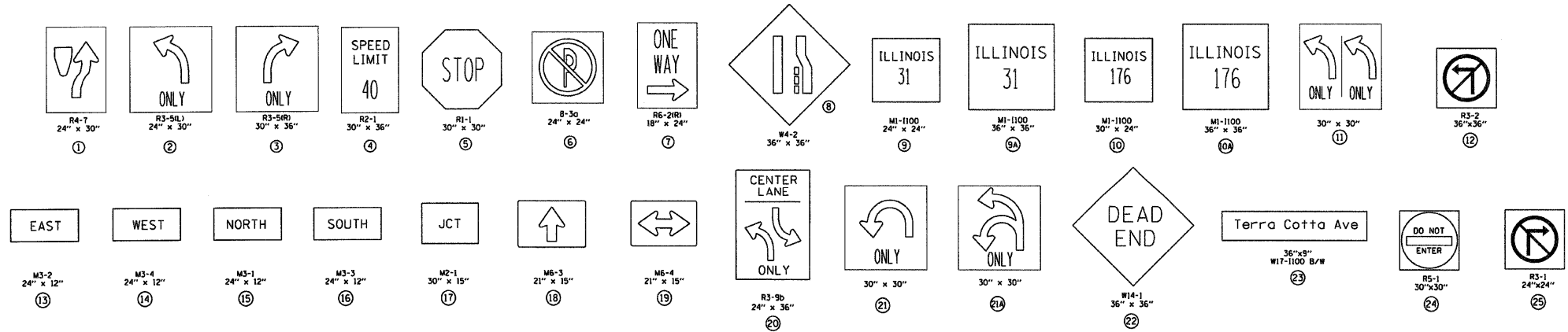
ADDITIONAL MARKING REPLACEMENT DUE TO STAGING REQUIREMENTS:
 STA 149+00 TO STA 152+50
 EDGE LINE, 4" WHITE - 700 FT.
 CENTERLINE, 4" DOUBLE YELLOW - 700 FT.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	148
STA. 131+00 TO STA. 153+55				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 62537				



DATE	BY	REVISIONS

DATE	BY	REVISIONS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.U. ROUTE 336
 IL RTE 31 AND IL RTE 176
PAVEMENT MARKING PLAN AND SIGNING PLAN

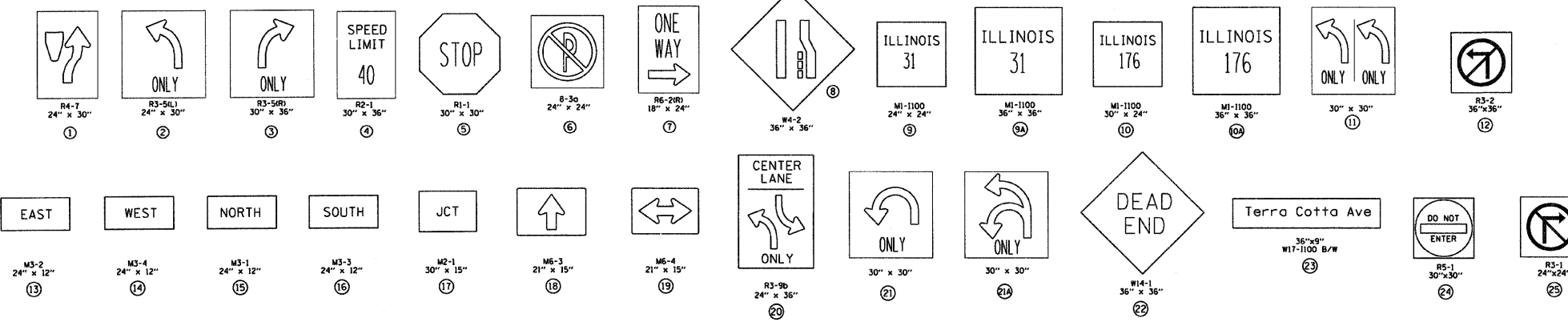
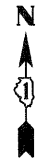
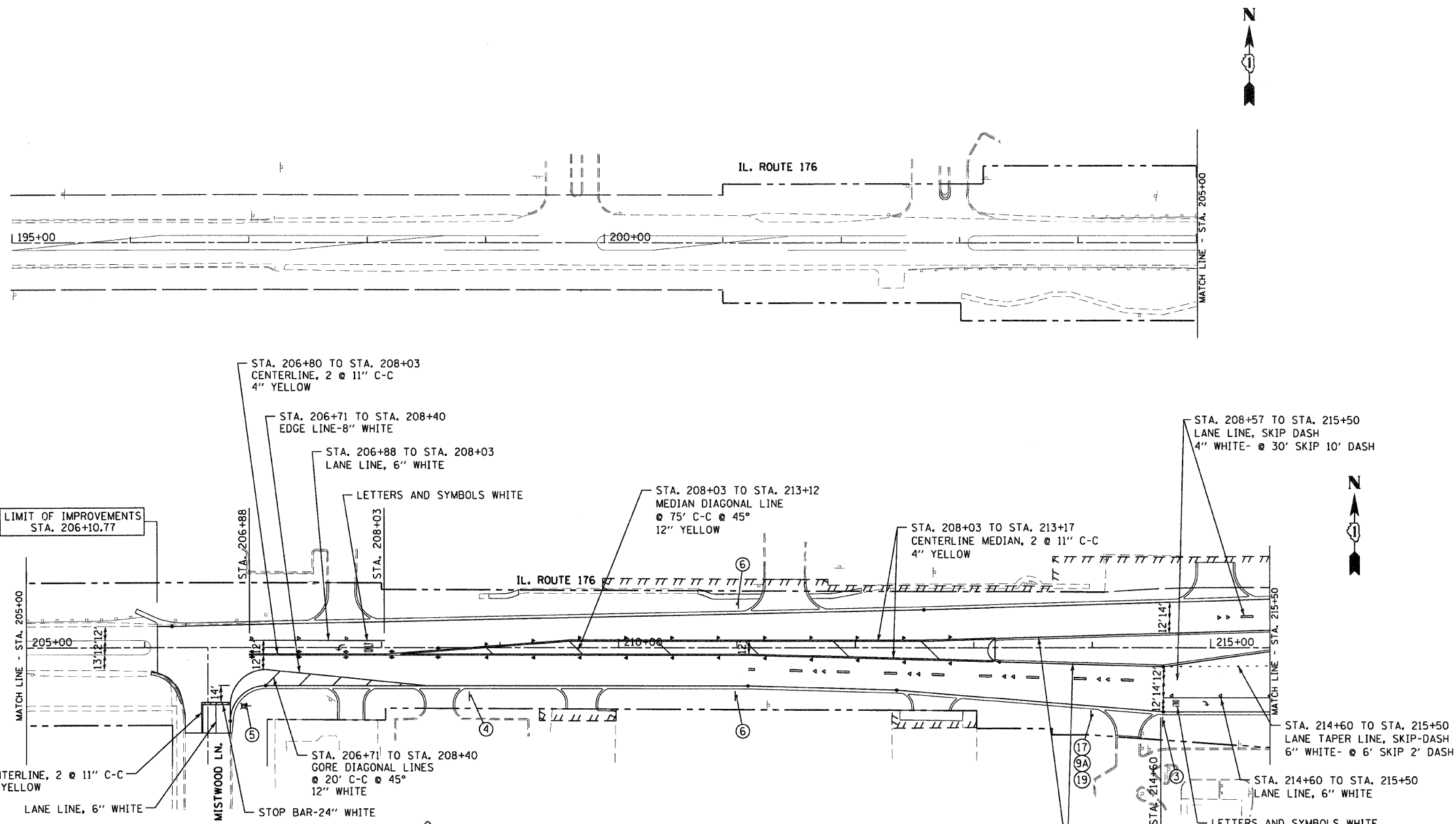
0 50' 100'
 1" = 50'

DATE: 02/10/2012
 DRAWN BY: SMP
 CHECKED BY: BDH

ADDITIONAL MARKING REPLACEMENT DUE TO STAGING REQUIREMENTS:
 STA. 203+00 TO STA. 206+10
 EDGE LINE, 4" WHITE - 619 FT.
 CENTERLINE MEDIAN, 4" DOUBLE YELLOW - 1224 FT.
 MEDIAN DIAGONAL LINE @ 45°, 12" YELLOW - 150 FT.

PLAN	DATE	BY
REVISIONS		
NO.	DESCRIPTION	DATE

PROFILE	DATE	BY
REVISIONS		
NO.	DESCRIPTION	DATE



REVISIONS	
NAME	DATE

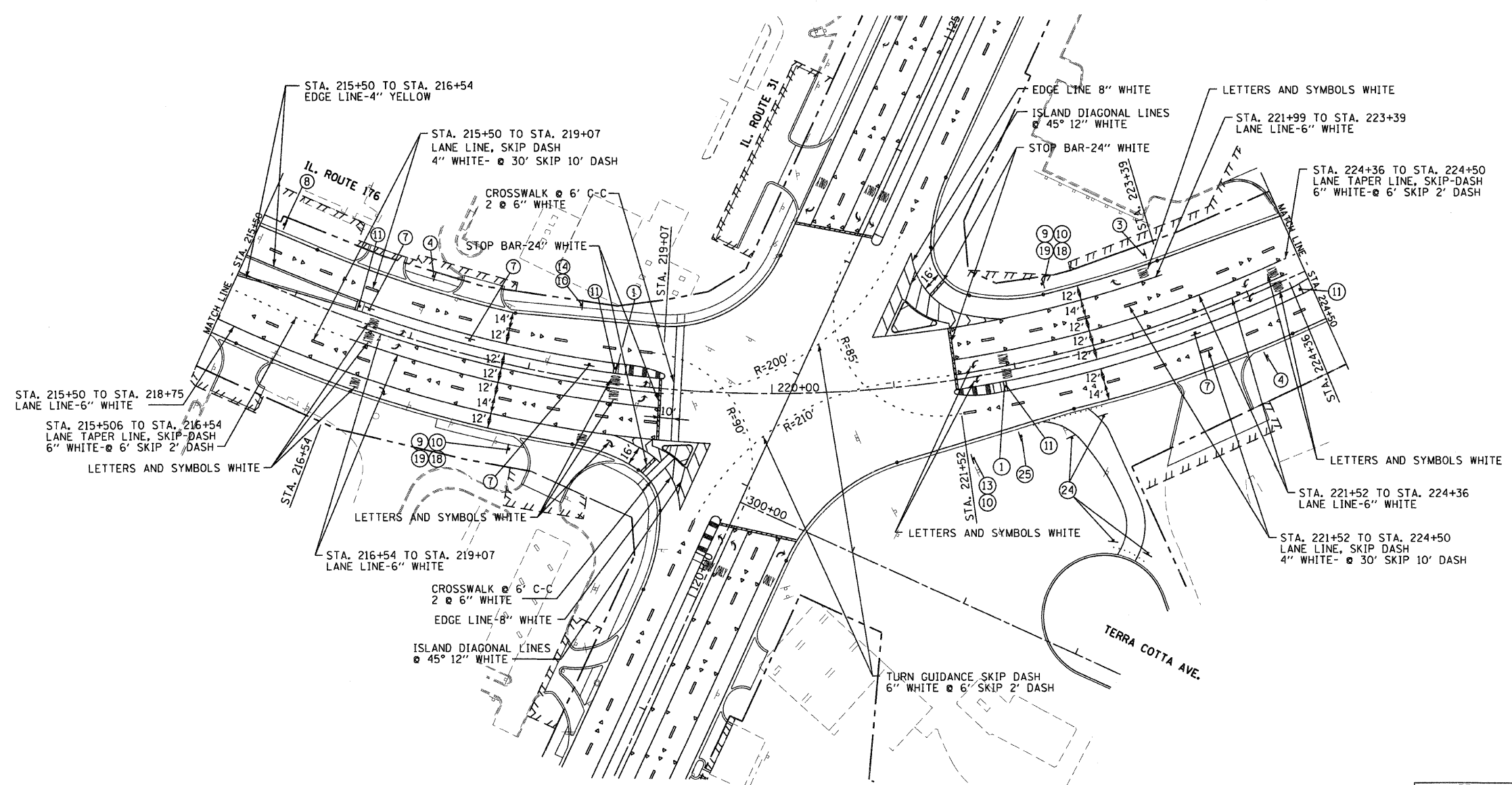
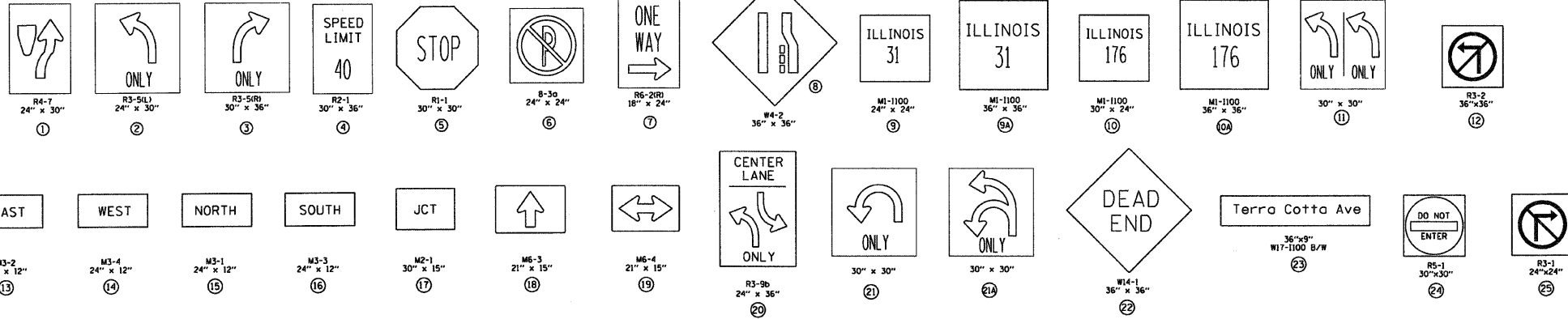
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.U. ROUTE 336
 IL RTE 31 AND IL RTE 176

PAVEMENT MARKING PLAN
 AND SIGNING PLAN

1" = 50'

DATE: 02/10/2012
 DRAWN BY: SMP
 CHECKED BY: BDH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	150
STA. 215+50 TO STA. 224+50				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62537				



PLAN	DATE	BY	DATE
REVISIONS			
CHECKED			
ALIGNED			
PLANNED			
NOTED			
NO.			

PROFILE	DATE	BY	DATE
REVISIONS			
CHECKED			
GRADES			
STRUCTURE			
NOTATIONS			
NO.			

REVISIONS	
NAME	DATE

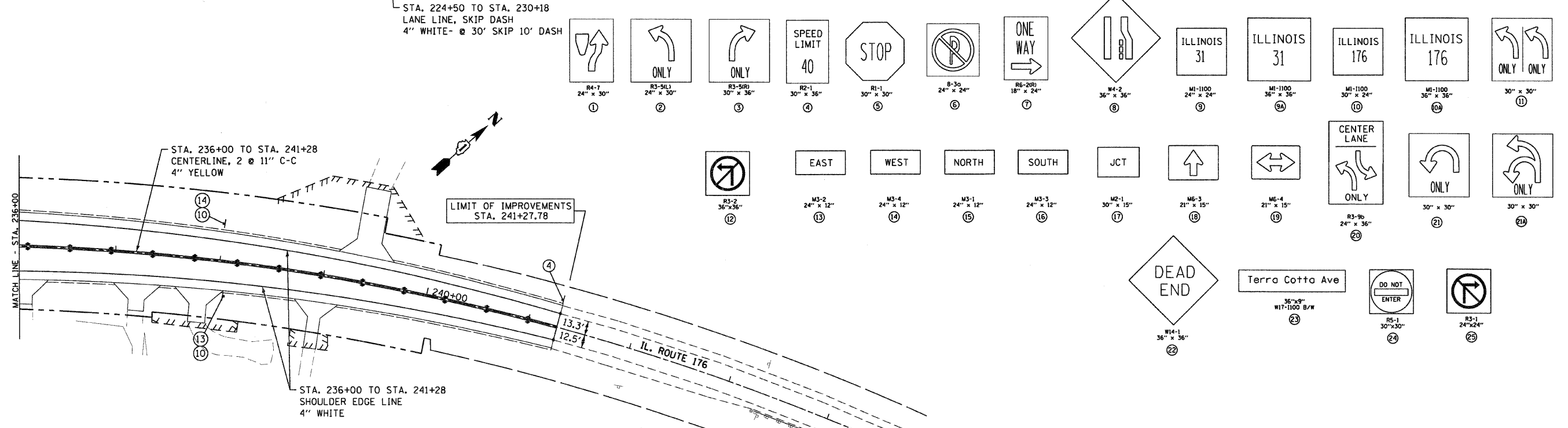
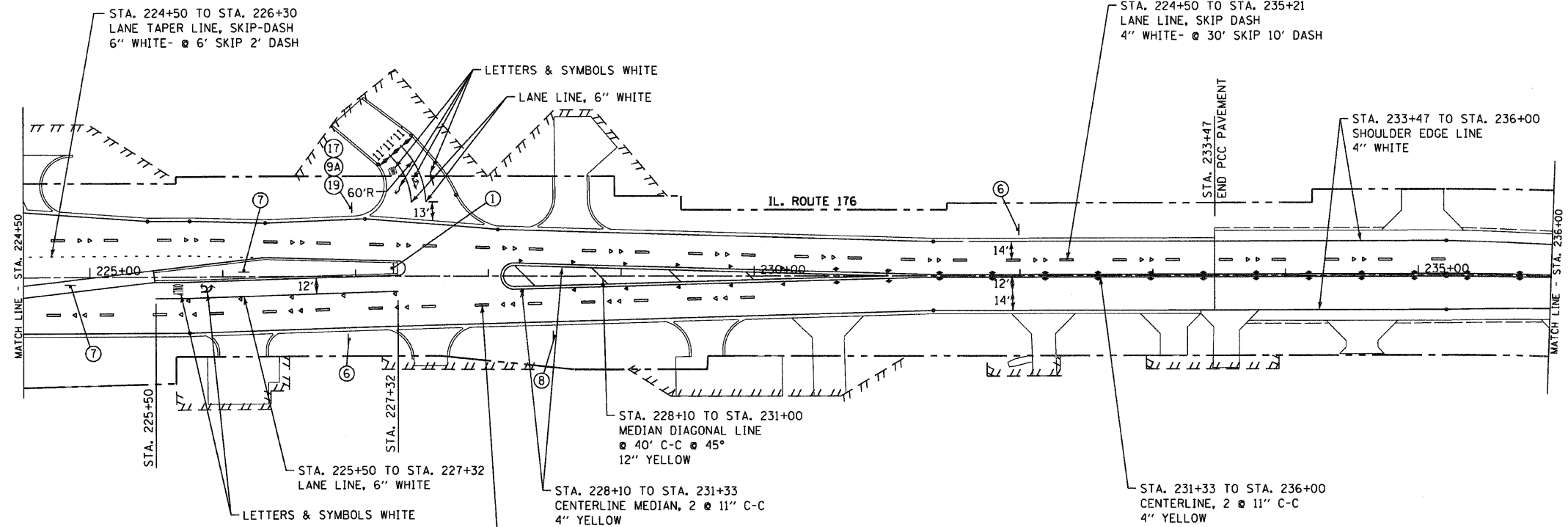
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 336
 IL RTE 31 AND IL RTE 176

PAVEMENT MARKING PLAN
 AND SIGNING PLAN

0 50' 100'
 1" = 50'

DATE: 02/10/2012
 DRAWN BY: SMP
 CHECKED BY: BDH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	151
STA. 224+50 TO STA. 245+00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62537				



ADDITIONAL MARKING REPLACEMENT DUE TO STAGING REQUIREMENTS:
 STA 241+28 TO STA 244+00
 EDGE LINE, 4" WHITE - 544 FT.
 CENTERLINE, 4" DOUBLE YELLOW - 544 FT.

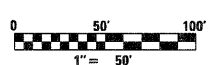
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⑫	⑬	⑭	⑮	⑮	⑰	⑱	⑱	⑲	⑲	⑲	⑲	
⑳	㉓	㉔	㉕									

PLAN	DATE	BY
SUBMITTED		
CHECKED		
ALLOWED		
FILED		
NO.		

PROFILE	DATE	BY
SUBMITTED		
CHECKED		
GRADES		
NOTED		
NO.		

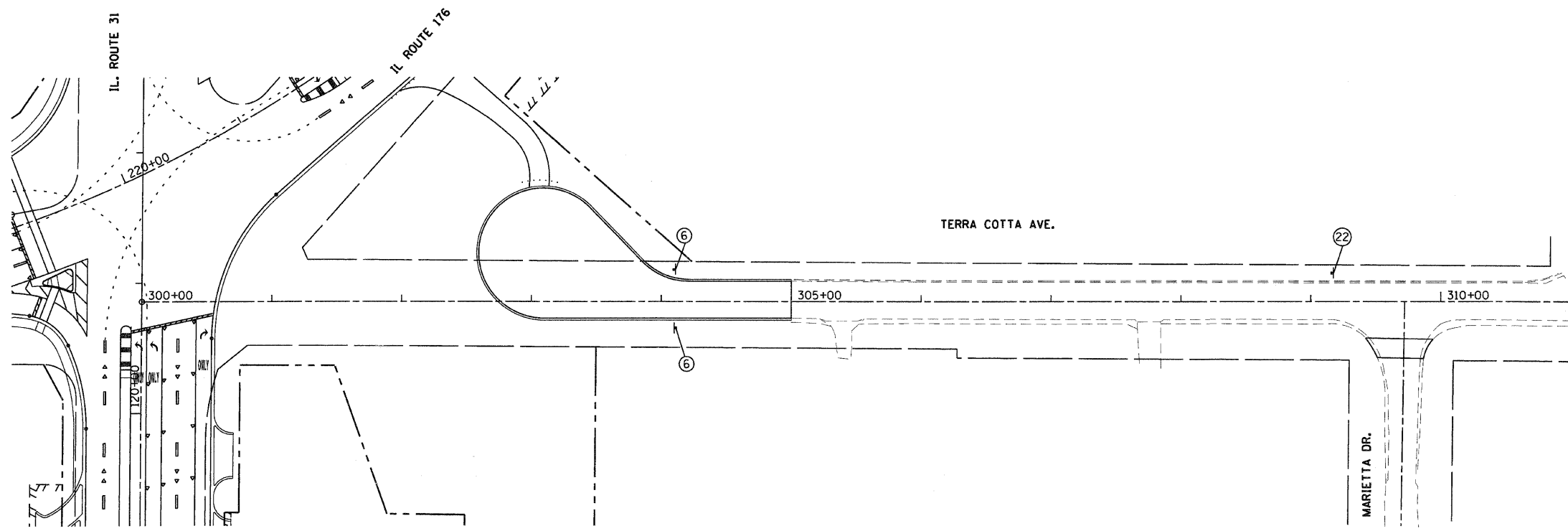
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.U. ROUTE 336
 IL RTE 31 AND IL RTE 176
 PAVEMENT MARKING PLAN
 AND SIGNAGE PLAN




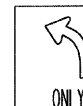
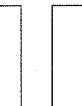
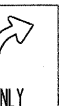
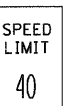



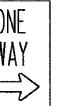
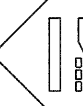

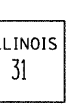
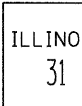
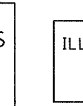














DATE: 02/10/2012
 DRAWN BY: SMP
 CHECKED BY: BDH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	152
STA. 300+00		TO STA. 310+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62537				



PLAN	DESIGNED	DATE
NOTE BOOK	BY	
NO.		

PROFILE	DESIGNED	DATE
NOTE BOOK	BY	
NO.		

- 
R4-7
24" x 30"
1
- 
R3-S1L1
24" x 30"
2
- 
R3-S1R1
30" x 36"
3
- 
R2-1
30" x 36"
4
- 
R1-1
30" x 30"
5
- 
B-3a
24" x 24"
6
- 
R6-20R1
18" x 24"
7
- 
R4-2
36" x 36"
8
- 
M1-1100
24" x 24"
9
- 
M1-1100
36" x 36"
9A
- 
M1-1100
30" x 24"
10
- 
M1-1100
36" x 36"
10A
- 
30" x 30"
11
- 
R3-2
36" x 36"
12
- 
M3-2
24" x 12"
13
- 
M3-4
24" x 12"
14
- 
M3-1
24" x 12"
15
- 
M3-3
24" x 12"
16
- 
M2-1
30" x 15"
17
- 
M5-3
21" x 15"
18
- 
M5-4
21" x 15"
19
- 
R3-9a
24" x 36"
20
- 
30" x 30"
21
- 
30" x 30"
21A
- 
W14-1
36" x 36"
22
- 
36" x 36"
W17-1100 B/W
23
- 
RS-1
30" x 30"
24
- 
R3-1
24" x 24"
25

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.U. ROUTE 336
IL RTE 31 AND IL RTE 176

**PAVEMENT MARKING PLAN
AND SIGNING PLAN**



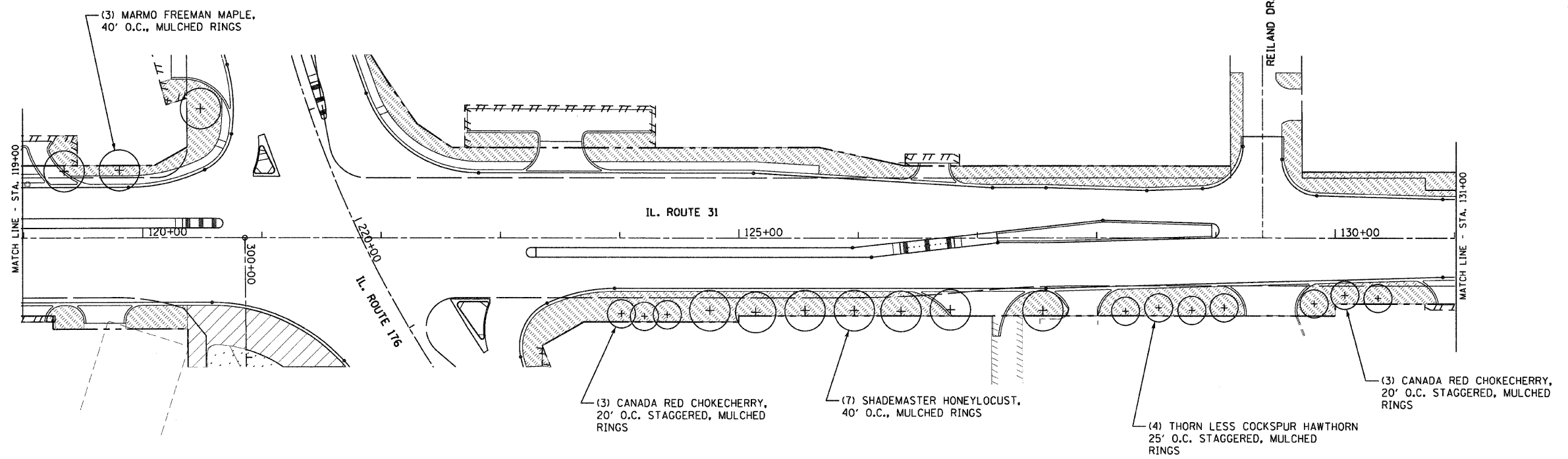
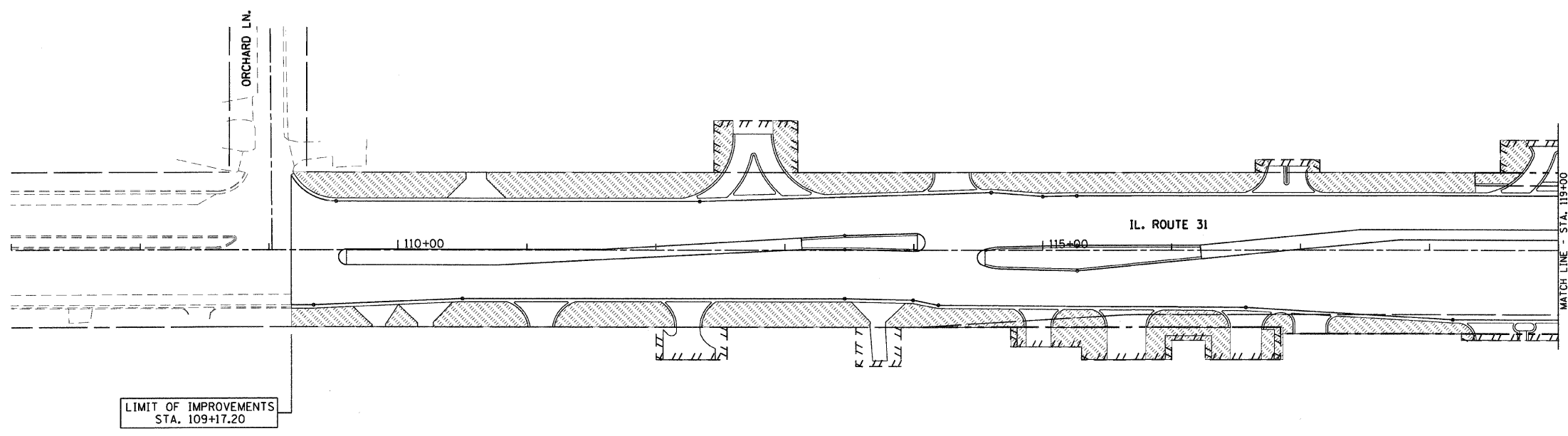
DATE: 02/10/2012
DRAWN BY: SMP
CHECKED BY: SJG

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	153
STA. 107+00 TO STA. 131+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62537				



LEGEND

- SHADE TREE CODE A
- ORNAMENTAL TREE/SHRUB
- EVERGREEN TREE
- SODDING, SALT TOLERANT
- SEEDING, CLASS 2A
- SEEDING, CLASS 4



PLAN	DESIGNED	DATE
NOTE BOOK	PLOTTED	
NO.	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS C-174D	
	FILE NAME	

PROFILE	DESIGNED	DATE
NOTE BOOK	PLOTTED	
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS C-174D	

REVISIONS	
NAME	DATE




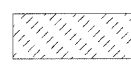

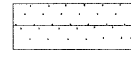
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.U. ROUTE 336
 IL RTE 31 AND IL RTE 176

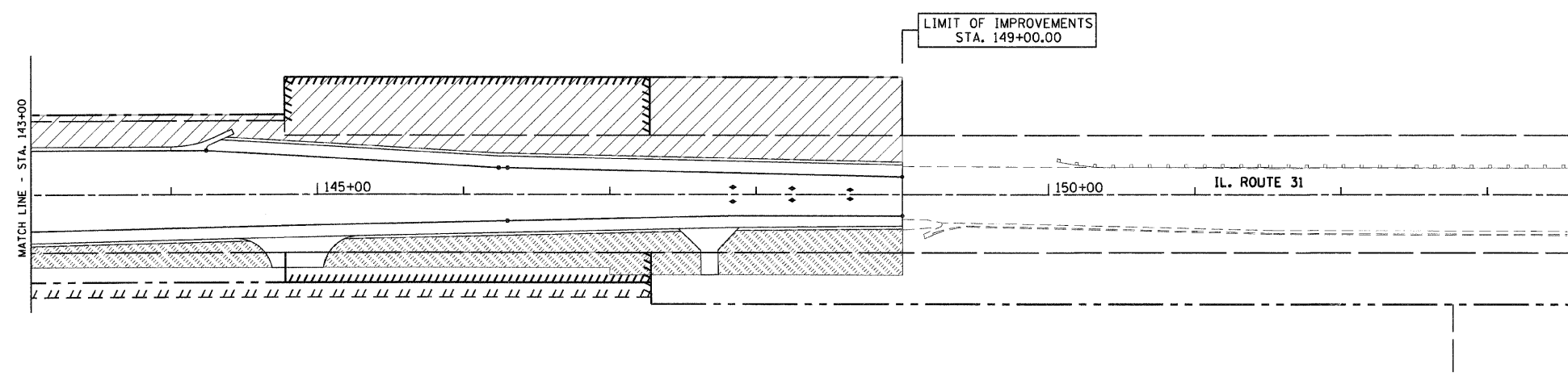
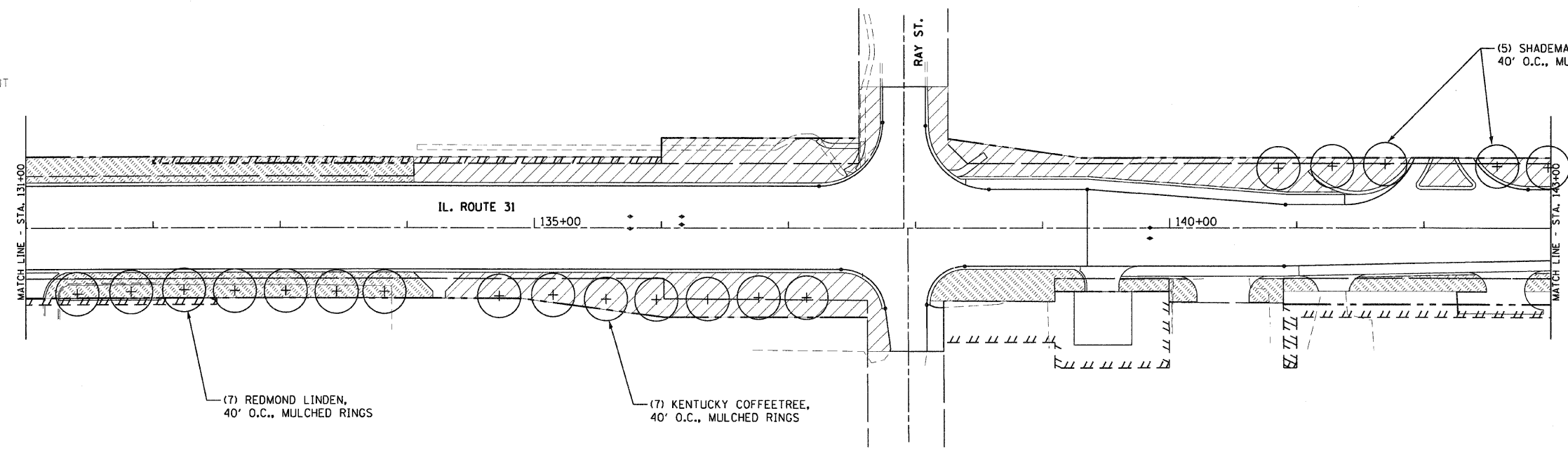
LANDSCAPE PLAN

DATE: 02/10/2012
 DRAWN BY: SMP
 CHECKED BY: BDH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	154
STA. 131+00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62537				

LEGEND

-  SHADE TREE CODE A
-  ORNAMENTAL TREE/SHRUB
-  EVERGREEN TREE
-  SODDING, SALT TOLERANT
-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4



PLAN

DATE	BY
DESIGNED	
PLOTTED	
ALIGNMENT CHECKED	
NOTIC BOOK	
NO.	
CADD FILE NAME	

PROFILE

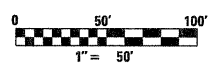
DATE	BY
DESIGNED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK	
NO.	
STRUCTURE NOTATIONS CHECKED	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.U. ROUTE 336
 IL RTE 31 AND IL RTE 176

LANDSCAPE PLAN




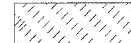
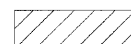
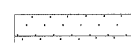
DATE: 02/10/2012
 DRAWN BY: SMP
 CHECKED BY: BDH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	155
STA. 195+00		TO STA. 215+50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62537				

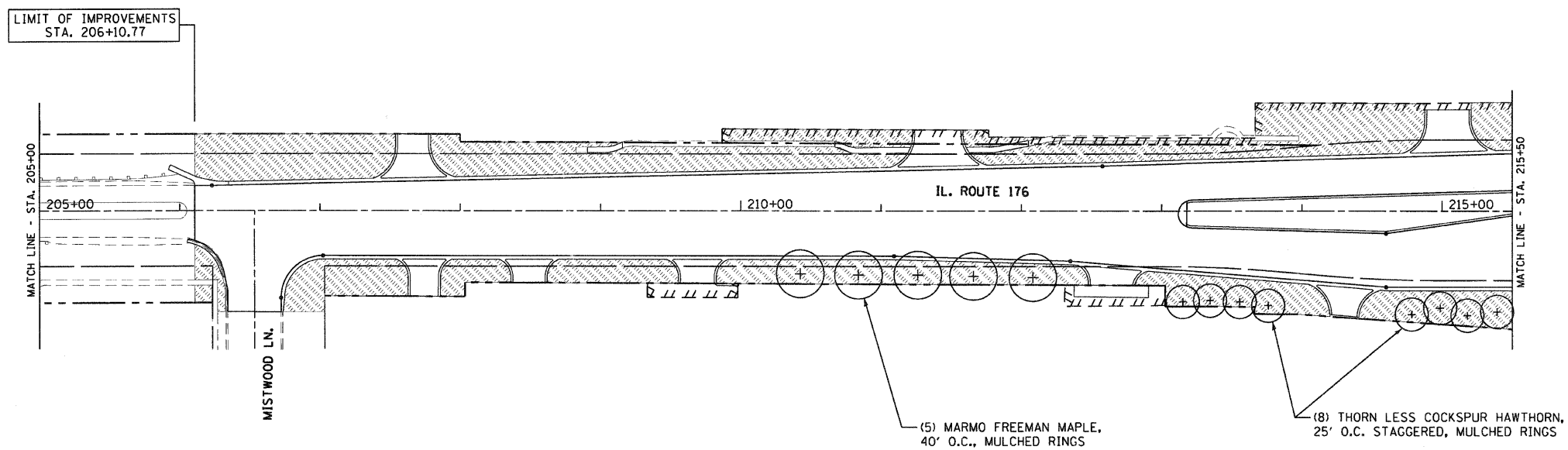
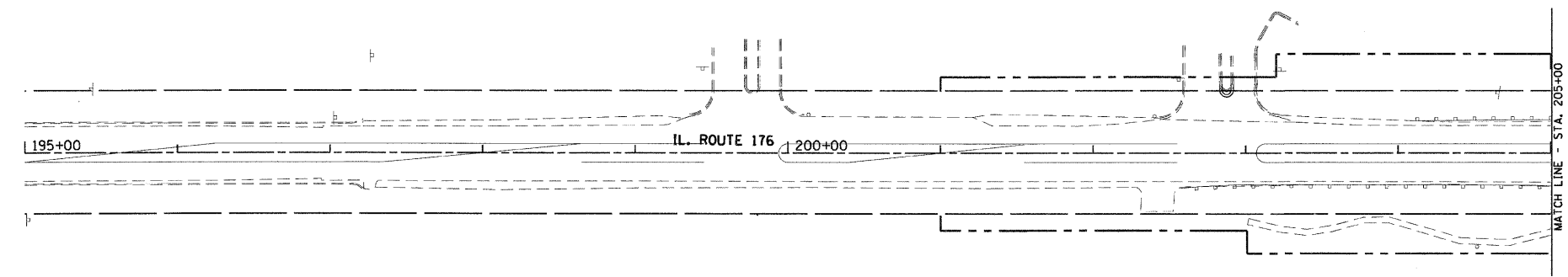


LEGEND

-  SHADE TREE CODE A
-  ORNAMFNTAL TREE/SHRUB
-  EVERGREEN TREE
-  SODDING, SALT TOLERANT
-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4

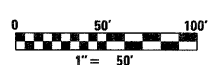
PLAN	DESIGNED	DATE
NOTED	BY	
CHECKED		
DATE		
NO.		

PROFILE	DESIGNED	DATE
NOTED	BY	
CHECKED		
DATE		
NO.		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.J. ROUTE 336
 IL RTE 31 AND IL RTE 176
 LANDSCAPE PLAN




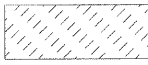
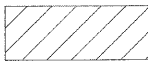
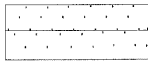


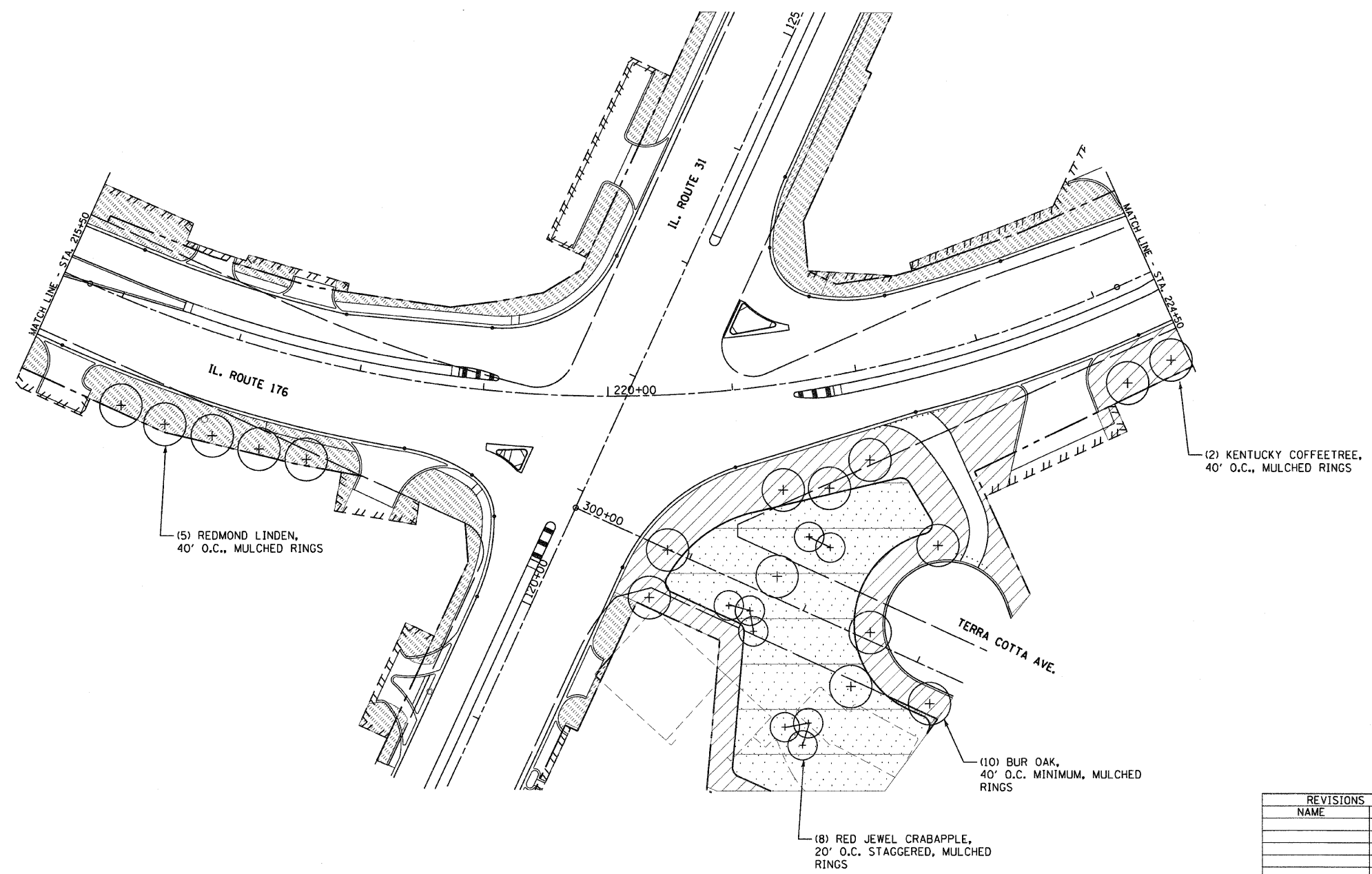
DATE: 02/10/2012
 DRAWN BY: SMP
 CHECKED BY: BDH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	156
STA. 215+50		TO STA. 224+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62537				



LEGEND

-  SHADE TREE CODE A
-  ORNAMENTAL TREE/SHRUB
-  EVERGREEN TREE
-  SODDING, SALT TOLERANT
-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4

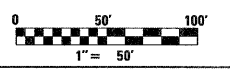


PLAN	DATE
BY	
REVISIONS	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	
CADD FILE NAME	

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

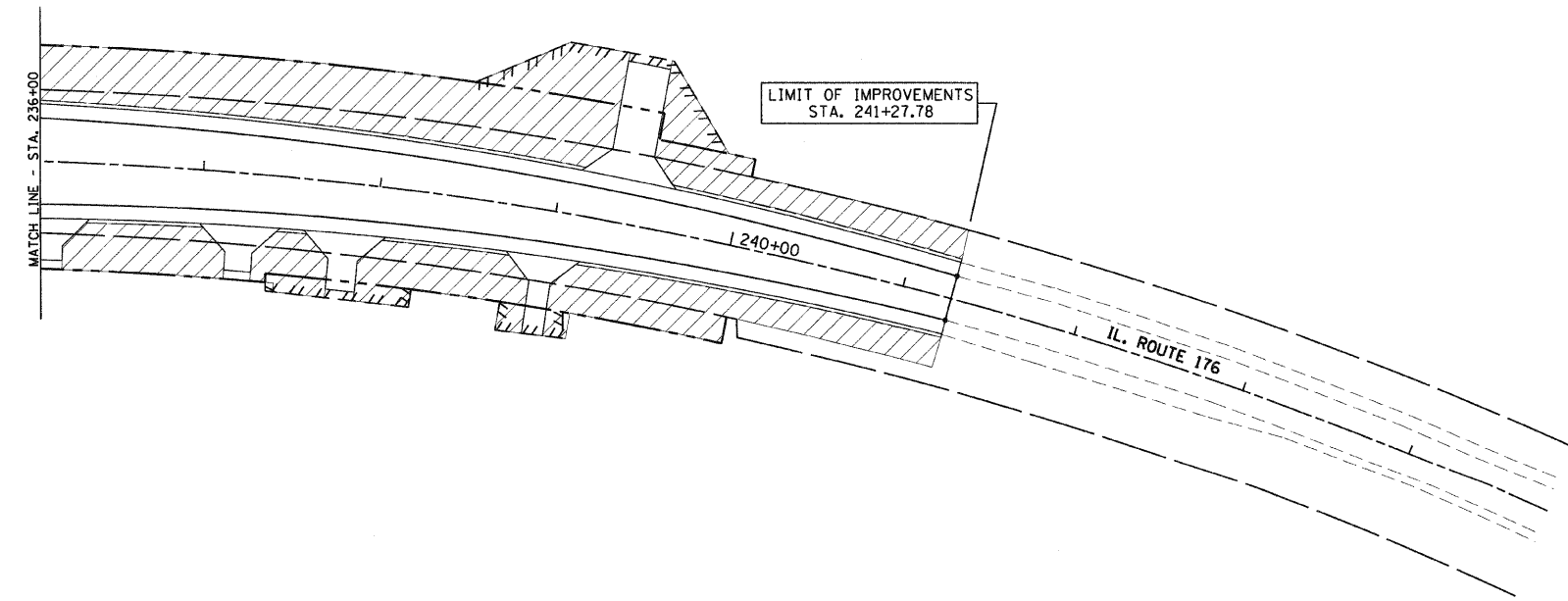
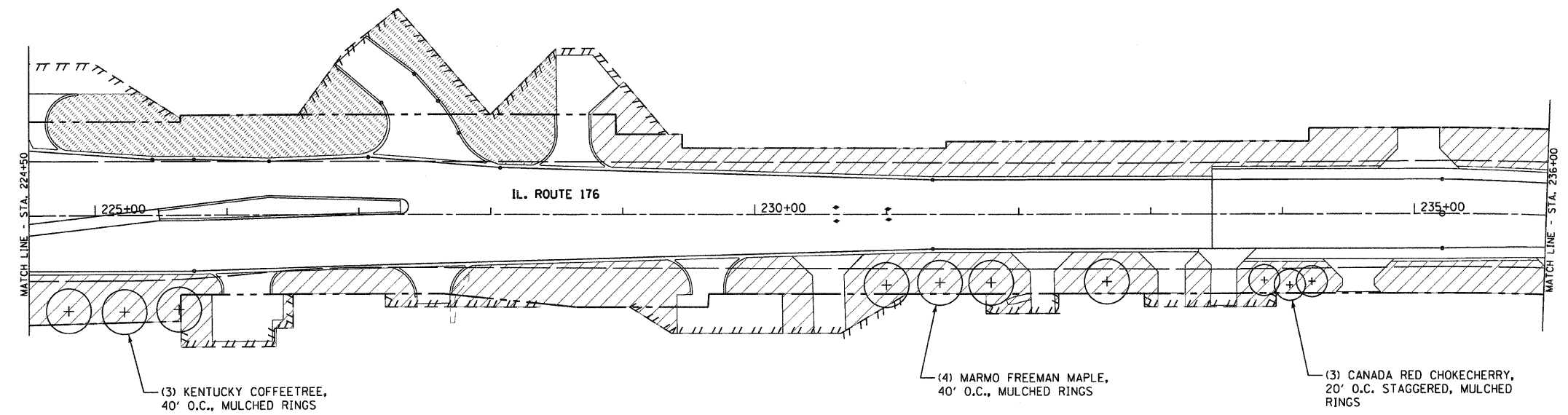
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 336
 IL RTE 31 AND IL RTE 176
 LANDSCAPE PLAN


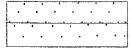


DATE: 02/10/2012
 DRAWN BY: SMP
 CHECKED BY: BDH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	157
STA. 224+50 TO STA. 245+00		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62537				



LEGEND

-  SHADE TREE CODE A
-  ORNAMENTAL TREE/SHRUB
-  EVERGREEN TREE
-  SODDING, SALT TOLERANT
-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4

PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNMENT CHECKED	
	BY OF WAY CHECKED	
	FIELD FILE NAME	

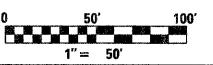
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PROFILES CHECKED	
	B.M. NOTED	
	STRUCTURE NOTATIONS CIRCLED	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 336
 IL RTE 31 AND IL RTE 176

LANDSCAPE PLAN






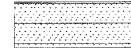
DATE: 02/10/2012
 DRAWN BY: SMP
 CHECKED BY: BDH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	158
STA. 300+00		TO STA. 310+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62537				

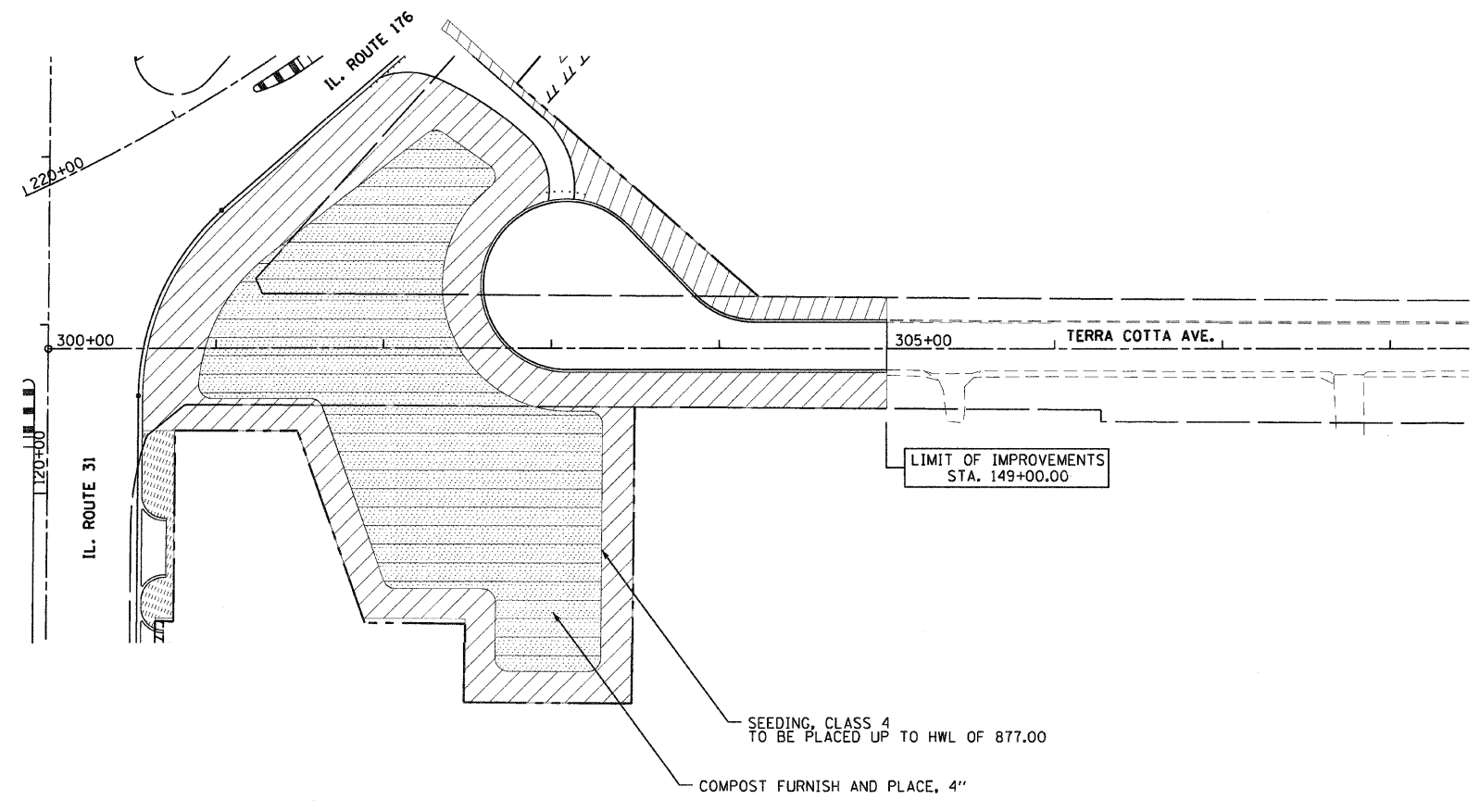


LEGEND

-  SHADE TREE CODE A
-  ORNAMENTAL TREE/SHRUB
-  EVERGREEN TREE
-  SODDING, SALT TOLERANT
-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4

PLAN	REVISED	DATE
NOTE BOOK	BY	
NO.		
	ALIGNMENT CHECKED	
	PLOTTED	
	FIELD FILE NAME	

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



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.U. ROUTE 336
 IL RTE 31 AND IL RTE 176

LANDSCAPE PLAN

0 50' 100'
 1" = 50'

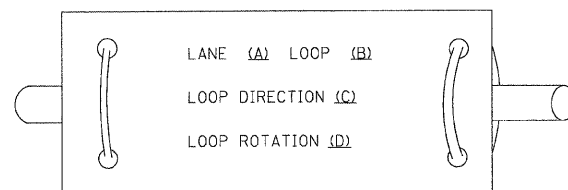
DATE: 02/10/2012
 DRAWN BY: SMP
 CHECKED BY: BDH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	159
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

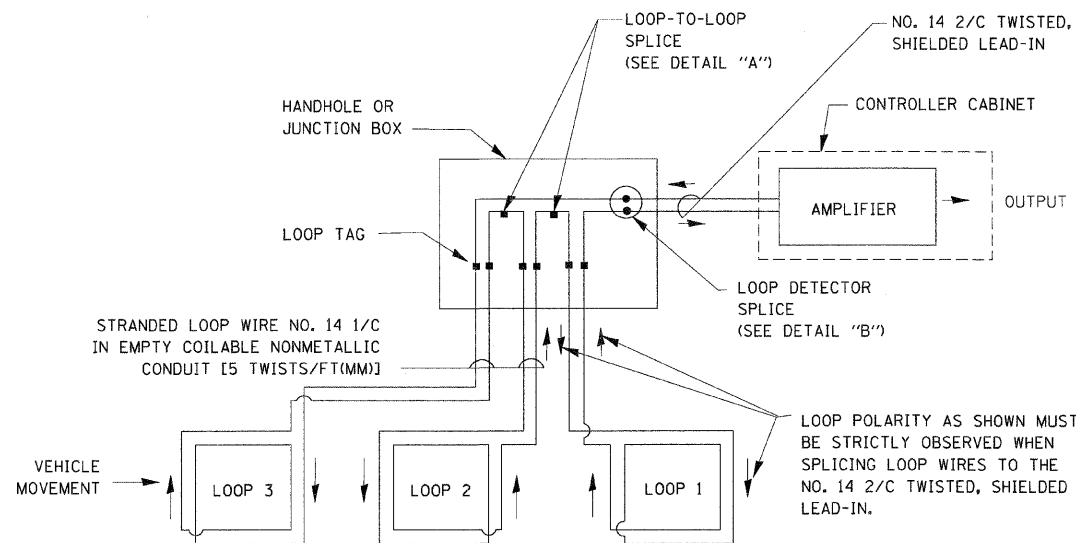
LOOP DETECTOR NOTES

- 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.
- 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.
- 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.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- 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.
- 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.
- 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.

LOOP LEAD-IN CABLE TAG

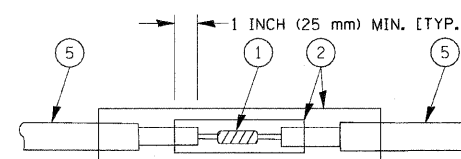


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

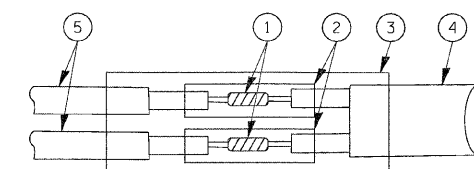


DETECTOR LOOP WIRING SCHEMATIC

- 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.

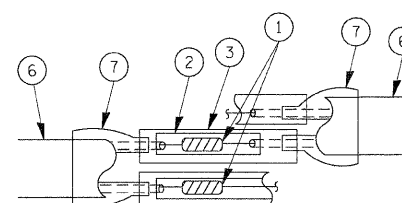


DETAIL "A" LOOP-TO-LOOP SPLICE

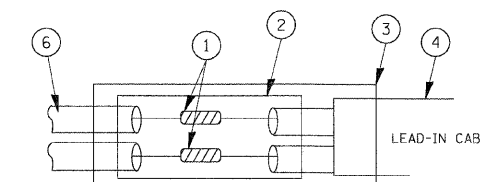


DETAIL "B" LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A" LOOP-TO-LOOP SPLICE



DETAIL "B" LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

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

REVISIONS	
NAME	DATE
CADD	5/30/00
ADD NOTE NO. 8	11/12/01
BUREAU OF TRAFFIC	1-01-02
BCK	10/28/09

ILLINOIS DEPARTMENT OF TRANSPORTATION

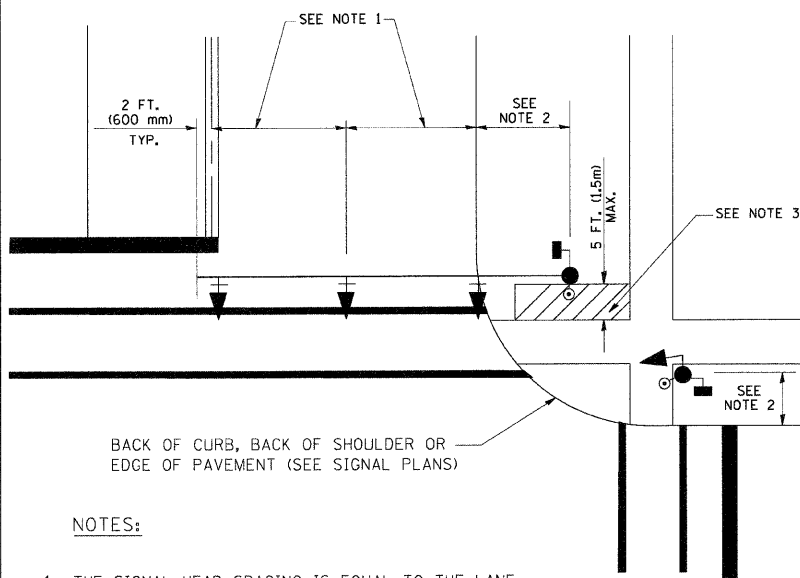
DISTRICT ONE
STANDARD TRAFFIC SIGNAL
DESIGN DETAILS

SCALE: NONE

DRAWN BY: BCK
DESIGNED BY: DAD
CHECKED BY: DAD
SHEET 1 OF 6

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	112R-N	McHENRY	266	160
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

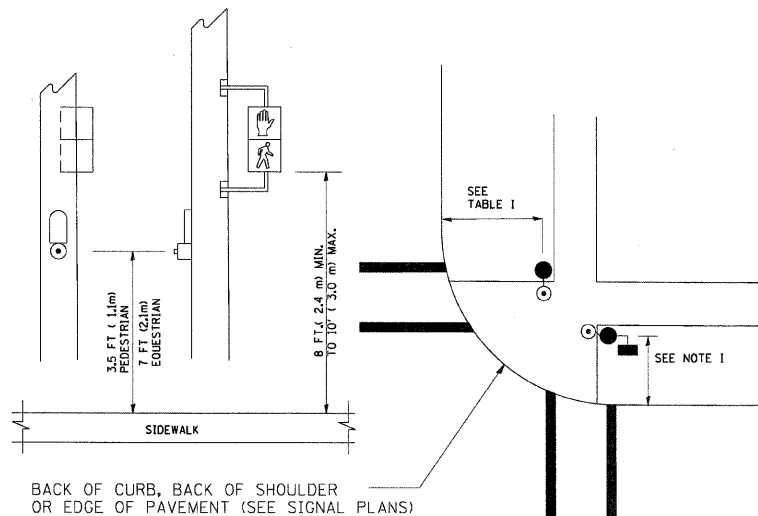
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
 MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA, INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

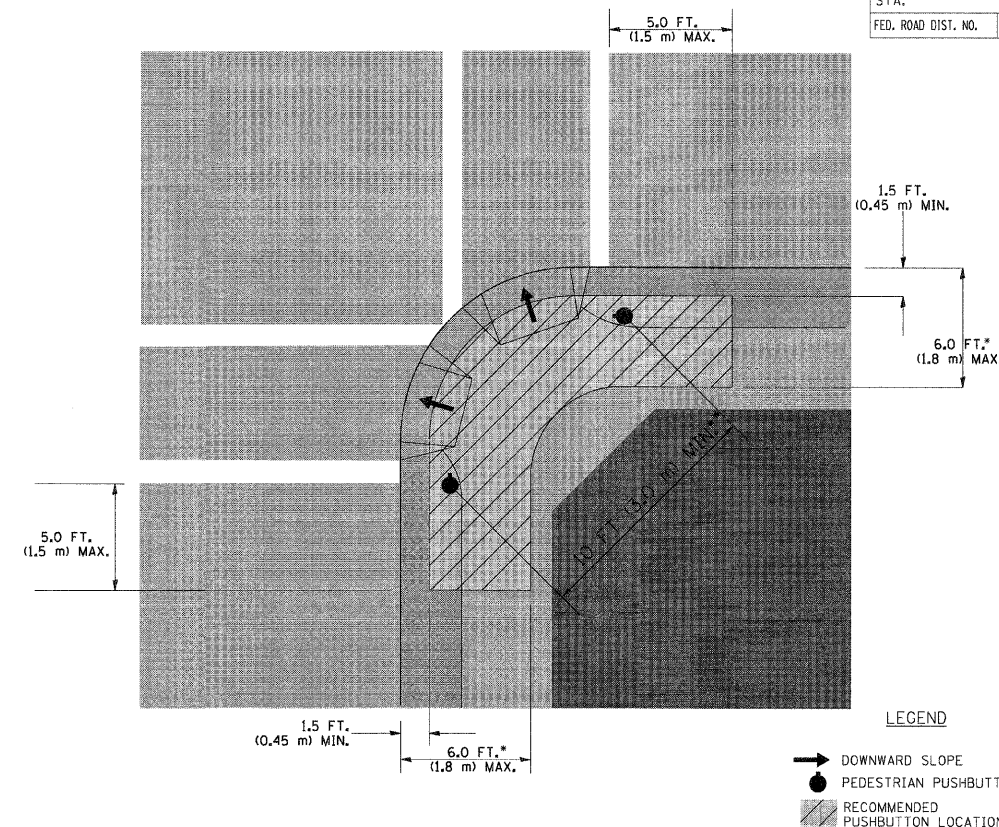
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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) SEPERATION 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.

REVISIONS	
NAME	DATE
BUREAU OF TRAFFIC	1/01/02
BCK	10/28/09

ILLINOIS DEPARTMENT OF TRANSPORTATION

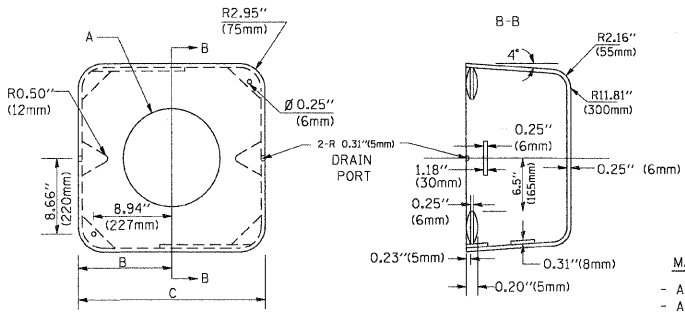
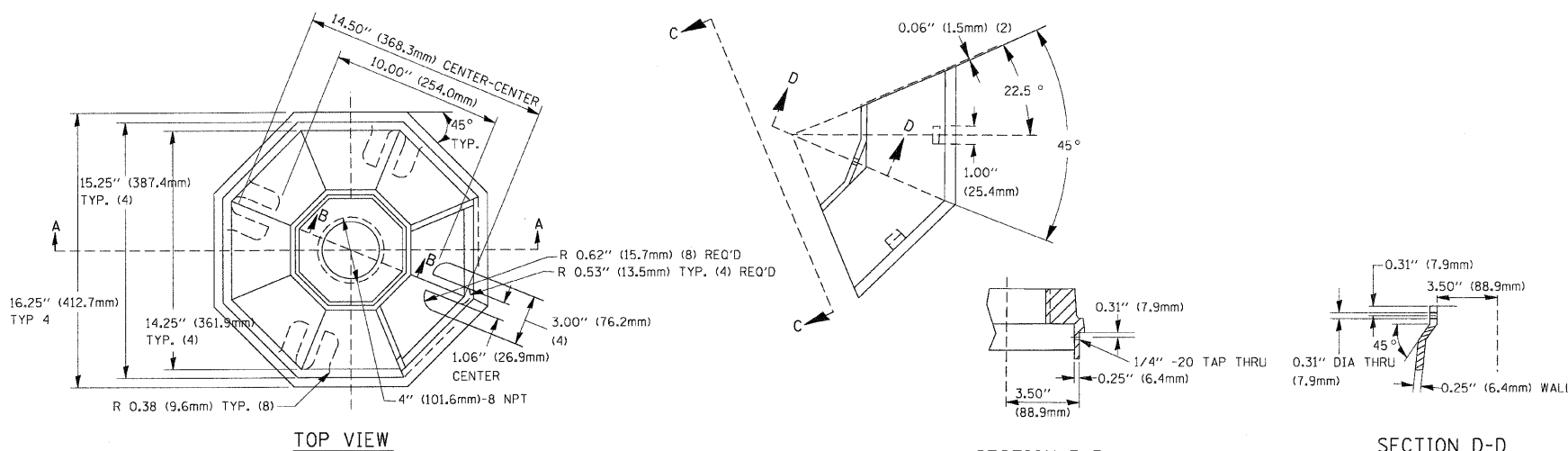
DISTRICT 1
 STANDARD TRAFFIC SIGNAL
 DESIGN DETAILS

SCALE: NONE

DRAWN BY: BCK
 DESIGNED BY: DAD
 CHECKED BY: DAD
 SHEET 2 OF 6

TS05

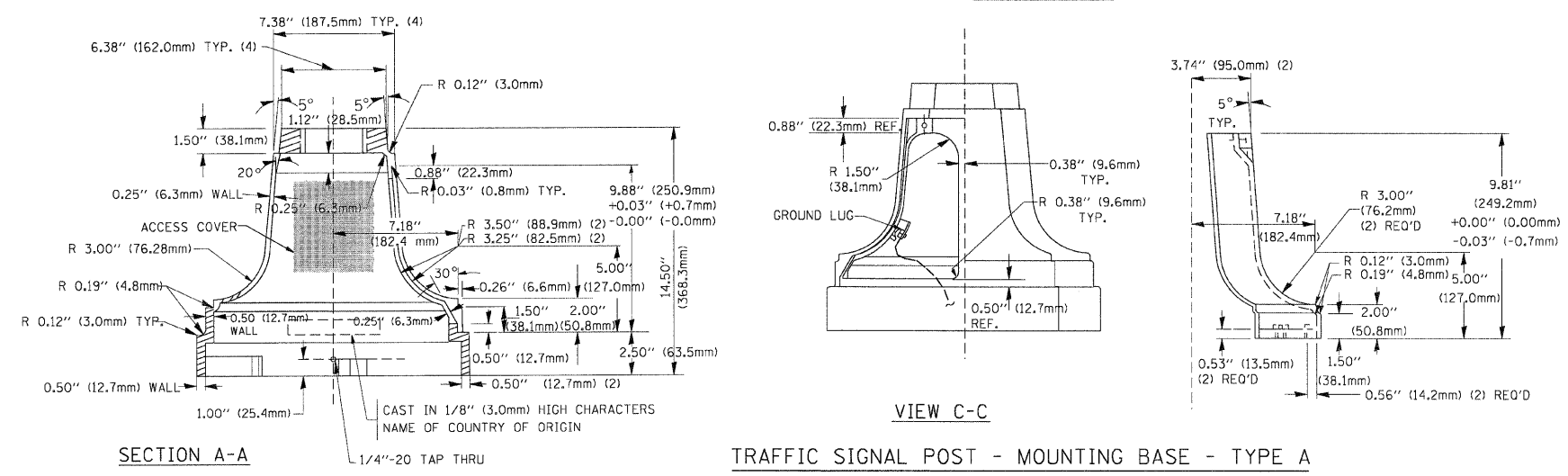
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	162
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



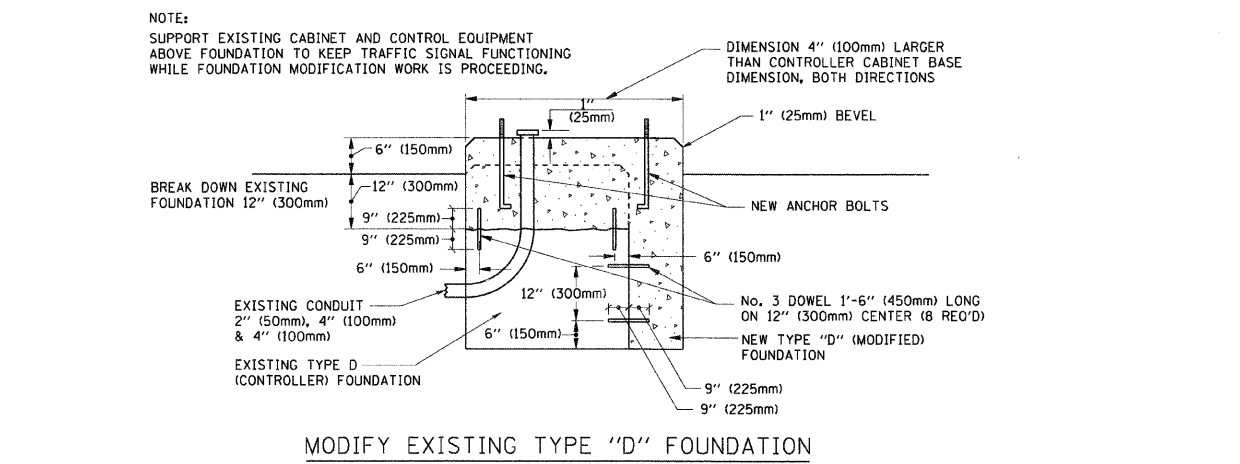
A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5\"(241mm)	19\"(483mm)	7\"(178mm) - 12\"(300mm)	53 lbs (24kg)
VARIABLES	10.75\"(273mm)	21.5\"(546mm)	7\"(178mm) - 12\"(300mm)	68 lbs (31 kg)
VARIABLES	13.0\"(330mm)	26\"(660mm)	7\"(178mm) - 12\"(300mm)	81 lbs (37 kg)
VARIABLES	18.5\"(470mm)	37\"(940mm)	7\"(178mm) - 12\"(300mm)	126 lbs (57 kg)

SHROUD

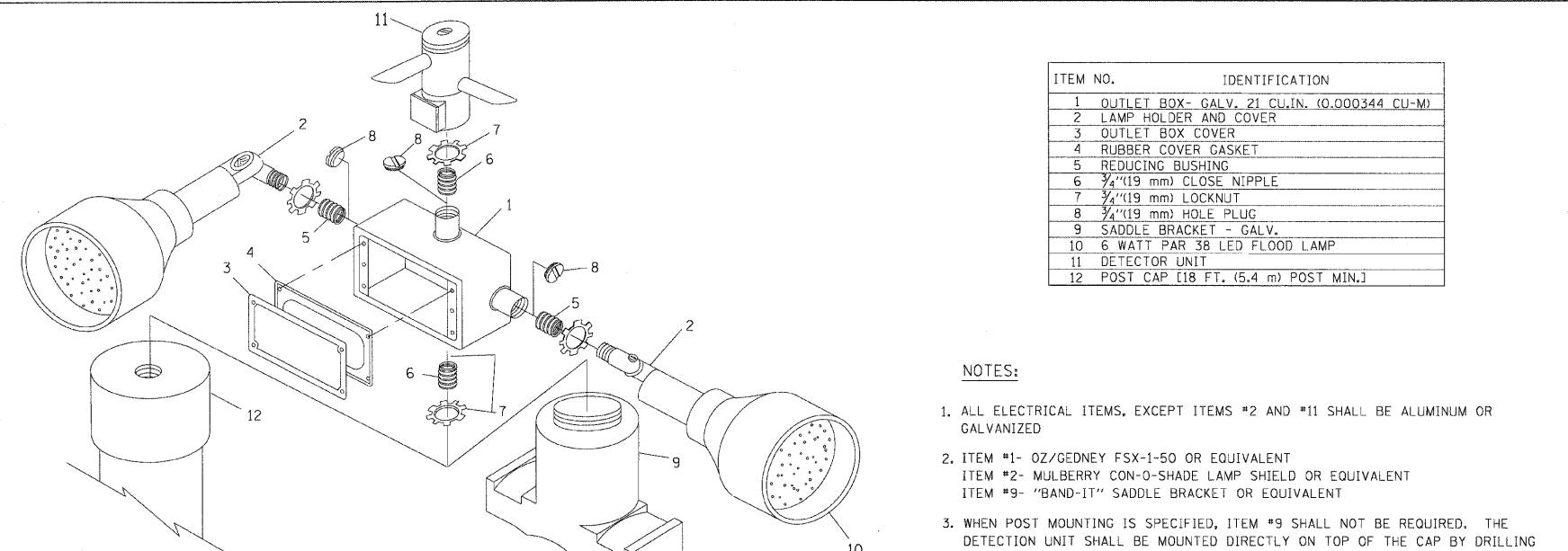
- NOTES:**
- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
 - THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
 - THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.



TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A

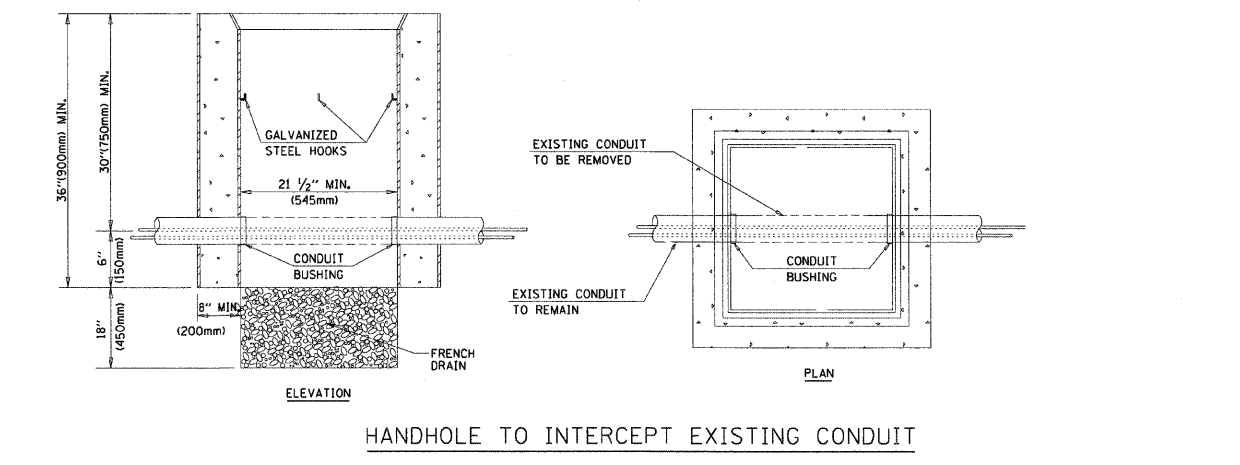


MODIFY EXISTING TYPE "D" FOUNDATION



ITEM NO.	IDENTIFICATION
1	OUTLET BOX - GALV. 21 CU. IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4\"(19 mm) CLOSE NIPPLE
7	3/4\"(19 mm) LOCKNUT
8	3/4\"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

- NOTES:**
- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
 - ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
 - WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4\"(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



HANDHOLE TO INTERCEPT EXISTING CONDUIT

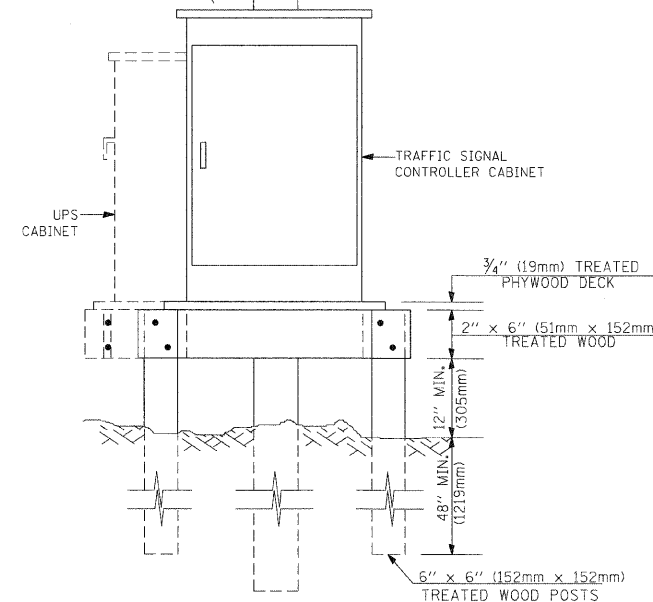
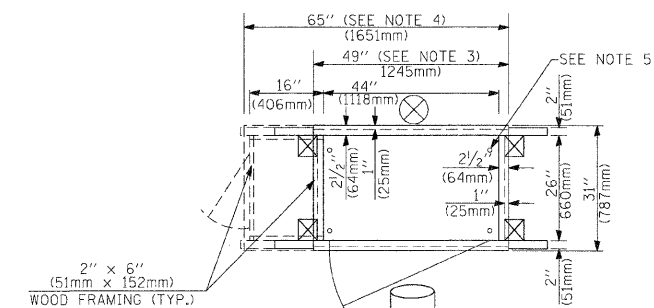
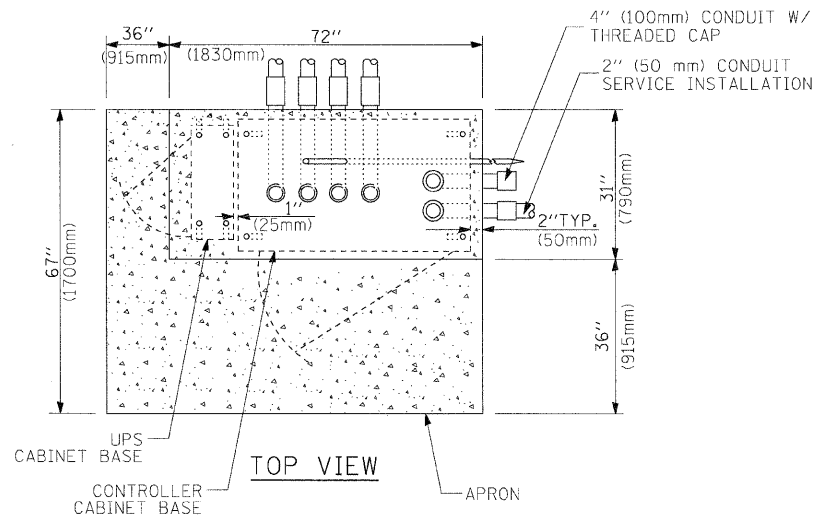
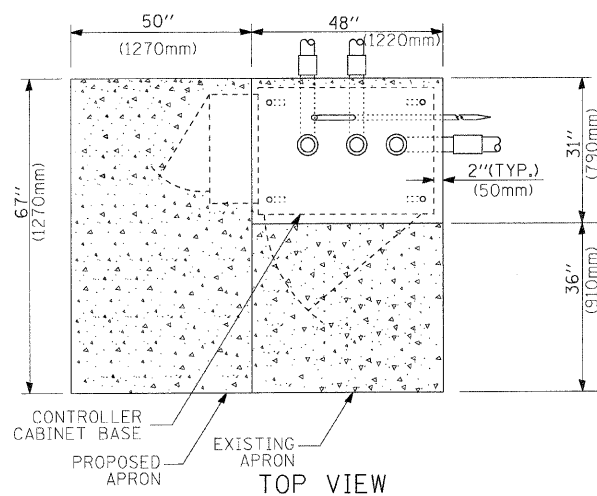
- NOTES:**
- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
 - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

REVISIONS	
NAME	DATE
BUREAU OF TRAFFIC	5/30/00
BUREAU OF TRAFFIC	3/15/01
BUREAU OF TRAFFIC	11/12/01
BUREAU OF TRAFFIC	1-01-02
BCK	10/28/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL
DESIGN DETAILS**

SCALE: NONE
DRAWN BY: BCK
DESIGNED BY: DAD
CHECKED BY: DAD
SHEET 4 OF 6
TS05

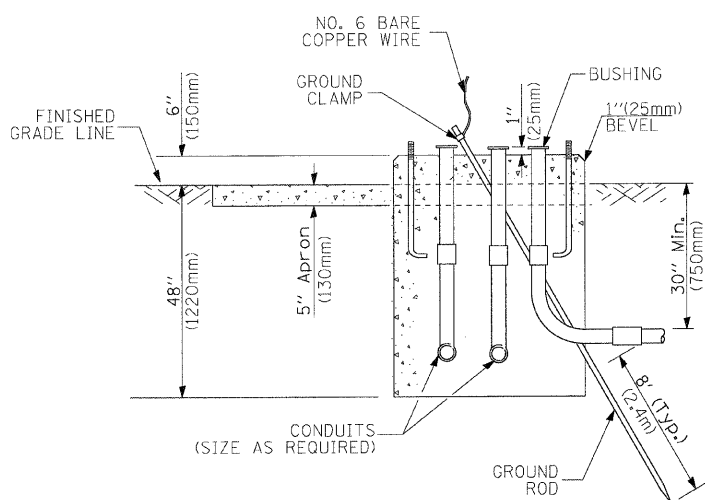
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
398	112R-N	McHENRY	266	163
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



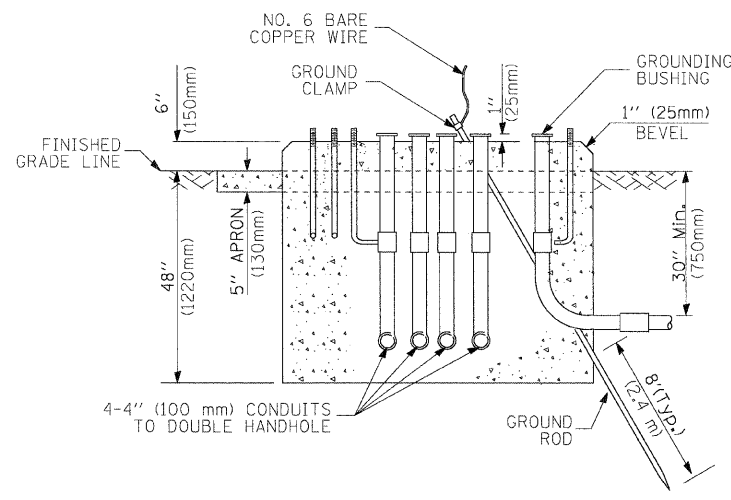
NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

TEMPORARY SIGNAL CONTROLLER WOOD SUPPORT PLATFORM



TYPE D FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET



TYPE C FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

MAST ARM LENGTH	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

REVISIONS	
NAME	DATE
	5/30/00
	3/15/01
	11/12/01

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE

DRAWN BY: BCK
DESIGNED BY: DAD
CHECKED BY: DAD
SHEET 5 OF 6

TS05

TRAFFIC SIGNAL LEGEND

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112R-N	McHENRY	266	184
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE			
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE			
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA			
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED			
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F			
UNINTERRUPTIBLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F			
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)							
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE							
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH							
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)							
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM							
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM							
SIGNAL POST				REMOVE ITEM							
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM							
GUY WIRE				ABANDON ITEM							
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION							
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE							
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE							
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD							
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL							
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED							
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID							
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER							
ILLUMINATED SIGN "NO LEFT TURN"				RADIO INTERCONNECT							
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO REPEATER							
DETECTOR LOOP, TYPE I				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED							
PREFORMED DETECTOR LOOP				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)							
MICROWAVE VEHICLE SENSOR											
VIDEO DETECTION CAMERA											
VIDEO DETECTION ZONE											
PAN, TILT, ZOOM CAMERA											
WIRELESS DETECTOR SENSOR											
WIRELESS ACCESS POINT											

RAILROAD SYMBOLS

- RAILROAD CONTROL CABINET
- RAILROAD CANTILEVER MAST ARM
- FLASHING SIGNAL
- CROSSING GATE
- CROSSBUCK

EXISTING	PROPOSED

REVISIONS	
NAME	DATE
	5/30/00
	3/15/01
	11/12/01

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL
DESIGN DETAILS

SCALE: NONE

DRAWN BY: BCK
DESIGNED BY: DAD
CHECKED BY: DAD
SHEET 6 OF 6

TS05

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE IDOT DISTRICT ONE APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNALS, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF IDOT DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

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

- 6 EACH SIGN PANEL - TYPE 1
- 1 EACH CONTROLLER AND CABINET, COMPLETE
- 1 EACH MASTER CONTROLLER
- 2 EACH SIGNAL HEAD, 1-FACE 3-SECTION, MAST ARM MOUNTED
- 3 EACH SIGNAL HEAD, 1-FACE 4-SECTION, MAST ARM MOUNTED
- 3 EACH SIGNAL HEAD, 1-FACE 5-SECTION, MAST ARM MOUNTED
- 2 EACH SIGNAL HEAD, 1-FACE 5-SECTION, BRACKET MOUNTED
- 1 EACH SIGNAL HEAD, 2-FACE 5-SECTION, BRACKET MOUNTED
- 2 EACH SIGNAL HEAD, 2-FACE 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED
- 1 EACH SIGNAL HEAD, 2-FACE 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
- 1 EACH SIGNAL HEAD, 3-FACE 2-4 SECTION, 1-5 SECTION, BRACKET MOUNTED
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 5 EACH SIGNAL POST
- 6 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 1 EACH SERVICE INSTALLATION

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

- AGENCY: VILLAGE OF CRYSTAL LAKE
- 3 EACH LIGHT DETECTOR
 - 1 EACH LIGHT DETECTOR AMPLIFIER

CONSTRUCTION NOTES

- 1: THE ORIGINAL SIGNAL HEAD PLACEMENT FOR ALL APPROACHES OF THE INTERSECTION IS FOR PRE-CONSTRUCTION STAGE (P). ADDITIONAL CONSTRUCTION STAGES, WHERE ORIGINAL SIGNAL HEAD PLACEMENT IS UTILIZED, ARE SHOWN WITH S1 THROUGH S3 FOR CONSTRUCTION STAGE 1 THROUGH CONSTRUCTION STAGE 3. THE SECONDARY SIGNAL HEAD PLACEMENT IS FOR CONSTRUCTION STAGES AS MARKED, NEXT TO THE SIGNAL HEAD, FOR APPLICABLE STAGES FOR INDIVIDUAL APPROACH OF THE INTERSECTION.

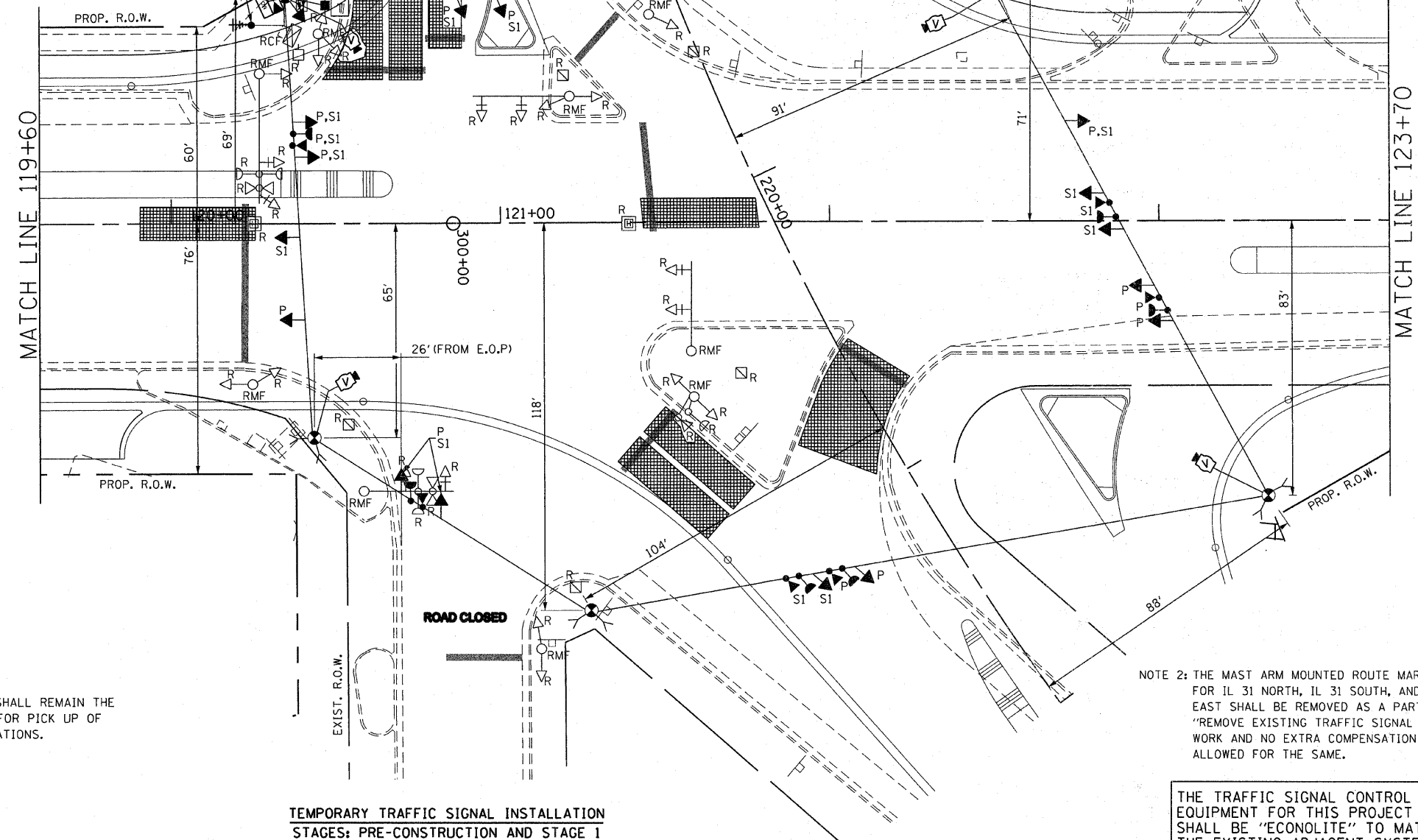
CONSTRUCTION NOTES (CONTINUED)

- 2: ANY TEMPORARY TRAFFIC SIGNAL SECTIONS NOT IN USE DURING ANY STAGE OF CONSTRUCTION SHALL BE BAGGED AND DEACTIVATED.
- 3: ALL VIDEO DETECTION ZONES ARE TO BE REDEFINED DURING EACH STAGE OF CONSTRUCTION AND ARE INCIDENTAL TO THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	165
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT:	
CONTRACT NO. - 62537				

NOTE 1: THE 4-SECTION FAR LEFT BRACKET MOUNTED SIGNAL HEAD FOR WESTBOUND ILL. RTE. 176 DIRECTION OF TRAFFIC SHALL BE USED FOR PRE-CONSTRUCTION STAGE AND STAGE 1 ONLY. THE SIGNAL HEAD SHALL BE DISCONNECTED AT THE CONTROLLER AND BAGGED AFTER CONSTRUCTION STAGE 1 OR SHALL BE REMOVED WITH THE APPROVAL OF THE ENGINEER.

TEMPORARY RADIO INTERCONNECT TO CRYSTAL LAKE AVENUE (SEE TEMPORARY INTERCONNECT PLAN)



NOTE 2: THE MAST ARM MOUNTED ROUTE MARKER SIGNS FOR IL 31 NORTH, IL 31 SOUTH, AND IL 176 EAST SHALL BE REMOVED AS A PART OF "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" WORK AND NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE SAME.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILLINOIS ROUTE 31 AT ILLINOIS ROUTE 176 (SHEET 1 OF 5)

REVISIONS	
NAME	DATE
EA	11/21/2011

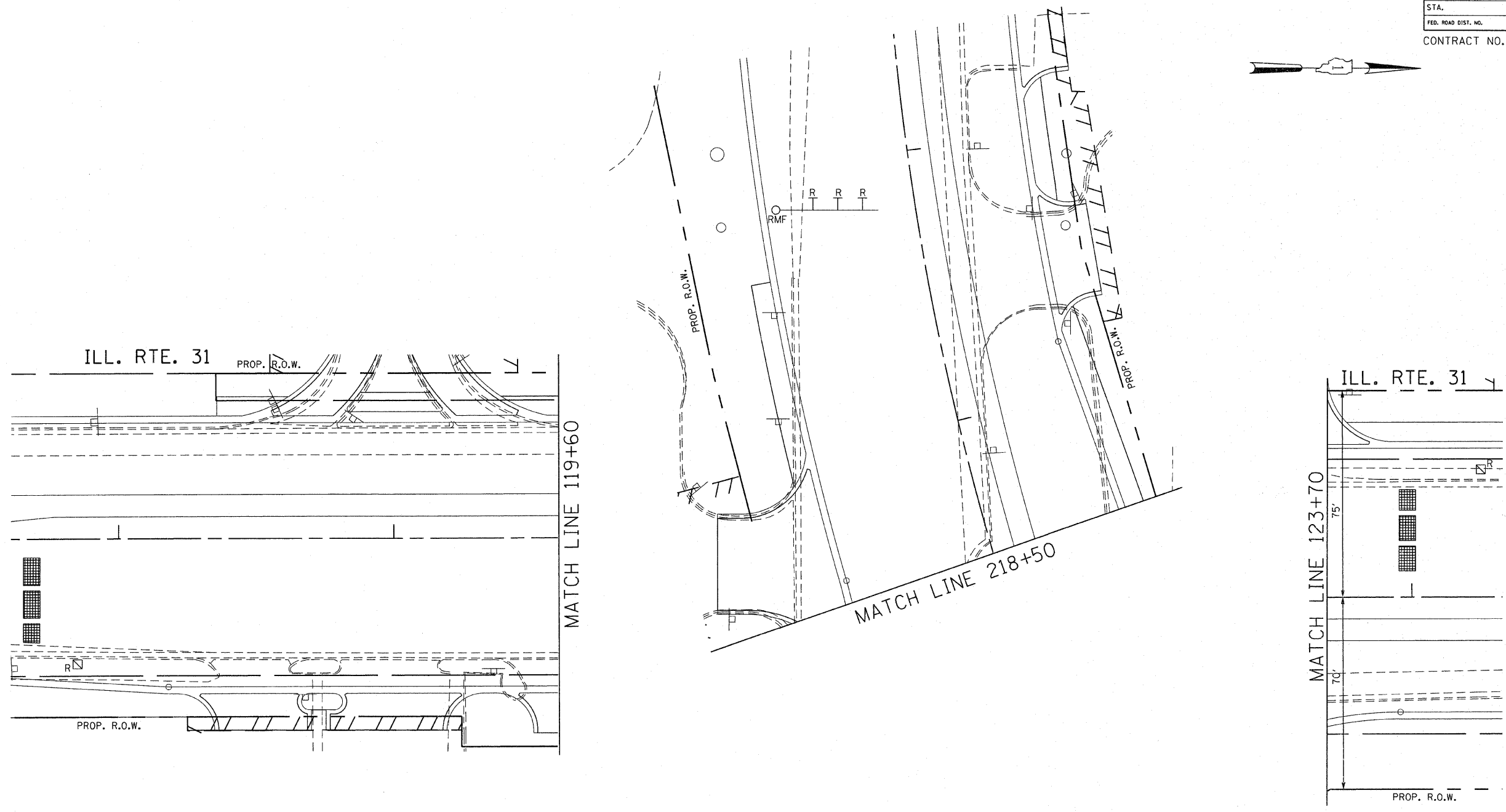
SCALE: 1"=20'
DATE: 02/10/2012

DRAWN BY: KGP
DESIGNED BY: PKG
CHECKED BY: PKG

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6036 N. NORTHWEST HIGHWAY
SUITE 308
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	166
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT:	

CONTRACT NO. - 62537



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNAL
 INSTALLATION AND REMOVAL PLAN
 ILLINOIS ROUTE 31 AT ILLINOIS ROUTE
 176 (SHEET 2 OF 5)

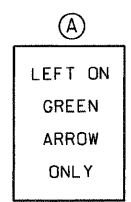
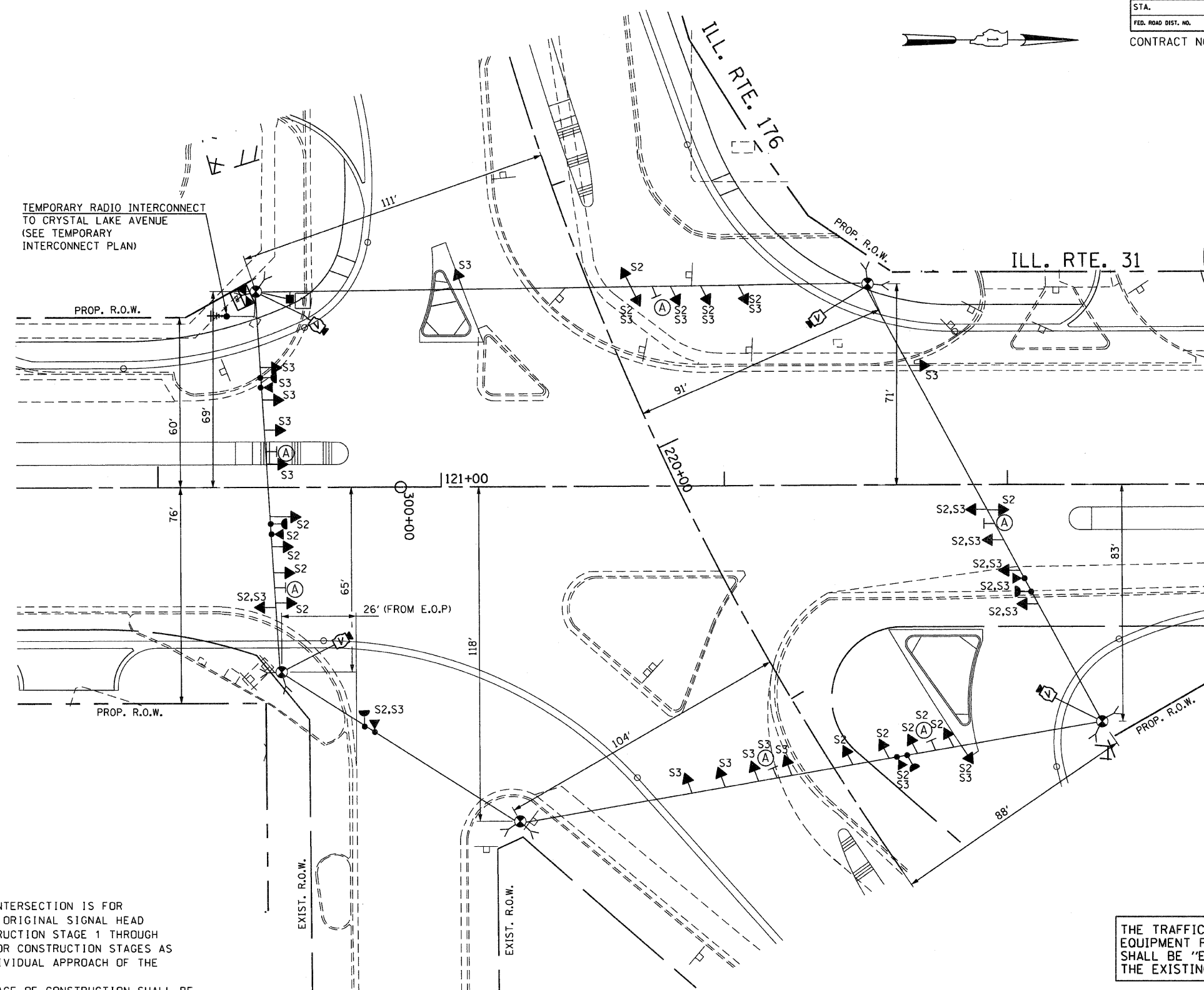
REVISIONS	
NAME	DATE
EA	11/21/2011

ga GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 305
 CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

SCALE: 1"=20'
 DATE: 02/10/2012
 DRAWN BY: KGP
 DESIGNED BY: PKG
 CHECKED BY: PKG

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	167
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. - 62537



R10-5 (24" X 30")
ONLY FOR STAGE 2 & STAGE 3

CONSTRUCTION NOTES

- 1: THE ORIGINAL SIGNAL HEAD PLACEMENT FOR ALL APPROACHES OF THE INTERSECTION IS FOR PRE-CONSTRUCTION STAGE (P). ADDITIONAL CONSTRUCTION STAGES, WHERE ORIGINAL SIGNAL HEAD PLACEMENT IS UTILIZED, ARE SHOWN WITH S1 THROUGH S3 FOR CONSTRUCTION STAGE 1 THROUGH CONSTRUCTION STAGE 3. THE SECONDARY SIGNAL HEAD PLACEMENT IS FOR CONSTRUCTION STAGES AS MARKED, NEXT TO THE SIGNAL HEAD, FOR APPLICABLE STAGES FOR INDIVIDUAL APPROACH OF THE INTERSECTION.
- 2: ANY TEMPORARY TRAFFIC SIGNAL SECTIONS NOT IN USE DURING ANY STAGE OF CONSTRUCTION SHALL BE BAGGED AND DEACTIVATED.
- 3: ALL VIDEO DETECTION ZONES ARE TO BE REDEFINED DURING EACH STAGE OF CONSTRUCTION AND ARE INCIDENTAL TO THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

**TEMPORARY TRAFFIC SIGNAL INSTALLATION
STAGES: STAGE 2 AND STAGE 3**

REVISIONS	
NAME	DATE
EA	11/21/2011

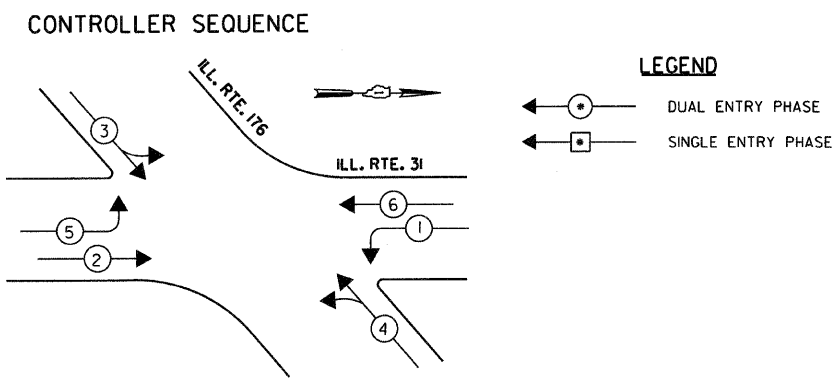
GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TEMPORARY TRAFFIC SIGNAL
INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 31 AT ILLINOIS
ROUTE 176 (SHEET 3 OF 5)**

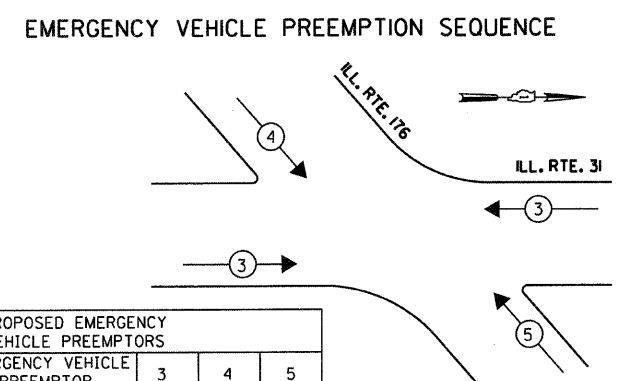
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DATE: 02/10/2012
DRAWN BY: KGP
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CHECKED BY: PKG

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	168
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT:	

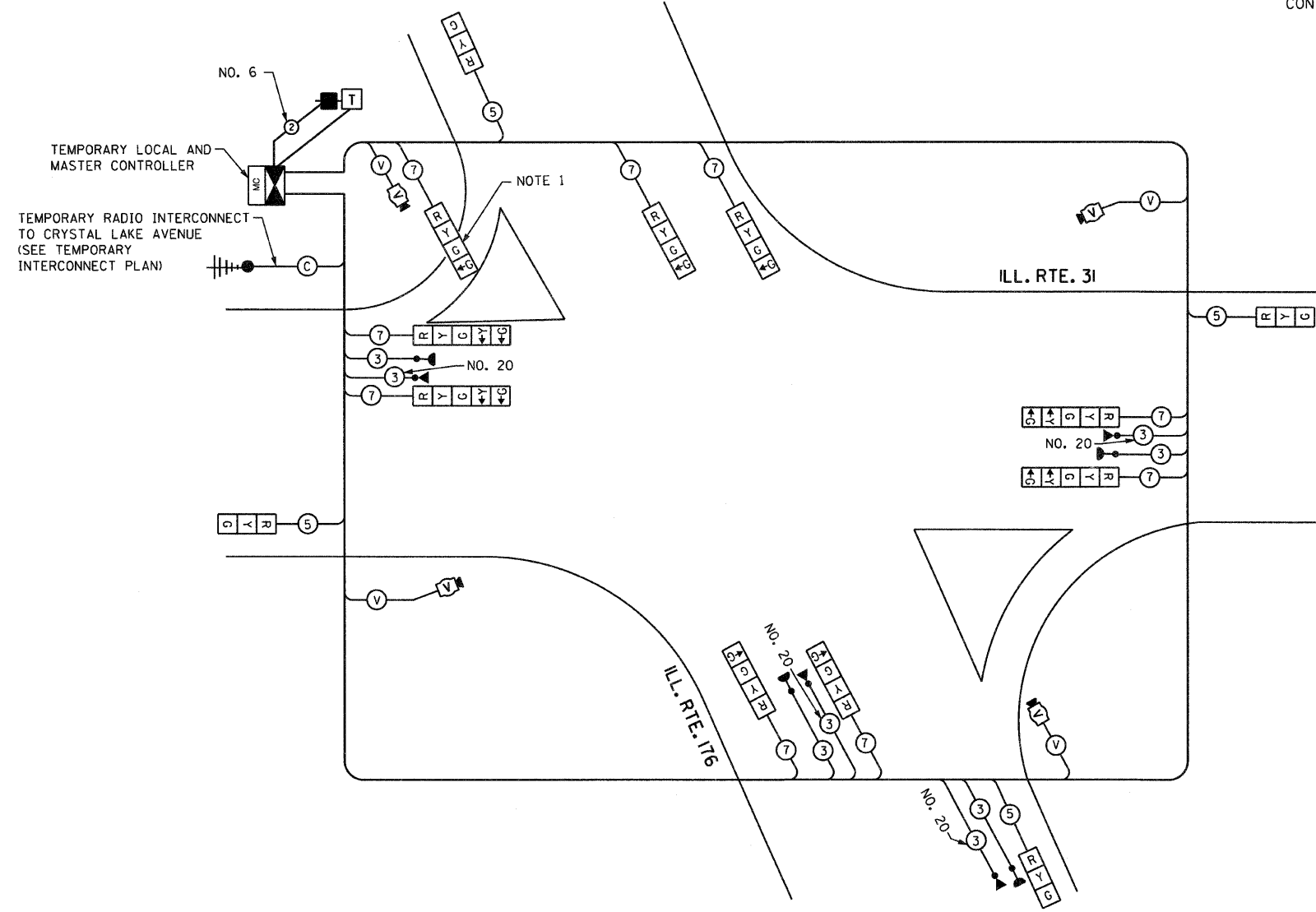
CONTRACT NO. - 62537



TEMPORARY PHASE DESIGNATION DIAGRAM FOR PRE-CONSTRUCTION STAGE AND STAGE 1



FOR PRE-CONSTRUCTION STAGE AND STAGE 1



CABLE PLAN PRE-CONSTRUCTION STAGE AND STAGE 1

CONSTRUCTION NOTES

NOTE 1: THE 4-SECTION FAR LEFT BRACKET MOUNTED SIGNAL HEAD FOR WESTBOUND ILL. RTE. 176 DIRECTION OF TRAFFIC SHALL BE USED FOR PRE-CONSTRUCTION STAGE AND STAGE 1 ONLY. THE SIGNAL HEAD SHALL BE DISCONNECTED AT THE CONTROLLER AND BAGGED AFTER CONSTRUCTION STAGE 1 OR SHALL BE REMOVED WITH THE APPROVAL OF THE ENGINEER.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE	%OPERATION		
		INCAND.	LED		
SIGNAL (RED)	13	135	17	0.50	110.5
(YELLOW)	13	135	25	0.25	81.25
(GREEN)	18	135	15	0.25	67.5
ARROW	8	135	12	0.10	9.6
PEDESTAL SIGNAL	90	90	25	1.00	0.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN				0.05	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 518.85

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: LISA COOK
PHONE: (815) 477-5204
COMPANY: COMED

REVISIONS	
NAME	DATE
EA	11/21/2011

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, ILLINOIS ROUTE 31 AT ILLINOIS ROUTE 176 (SHEET 4 OF 5)

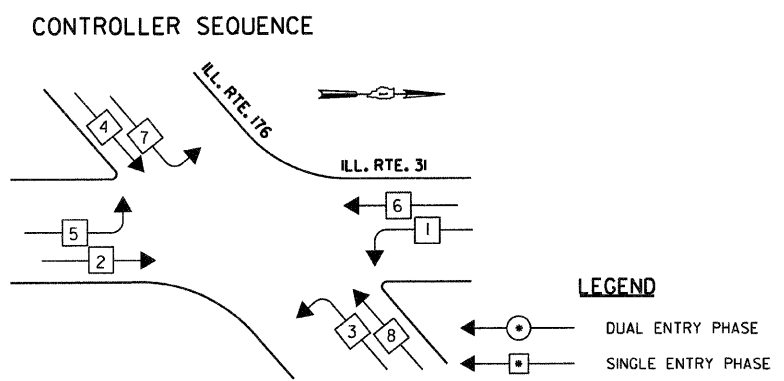
SCALE: N.T.S.
DATE: 02/10/2012

DRAWN BY: KGP
DESIGNED BY: PKG
CHECKED BY: PKG

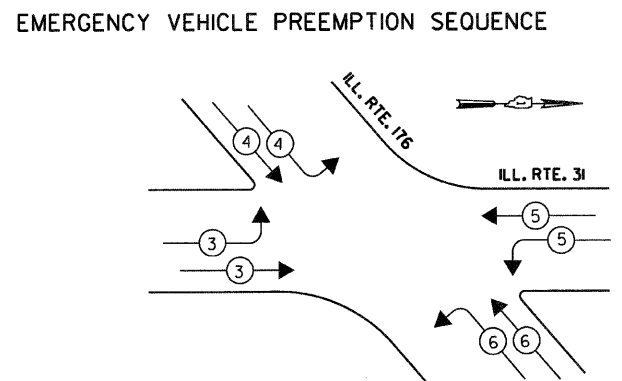
go GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

5% FILED
30 DAYS
5 TIMES

CONTRACT NO. - 62537

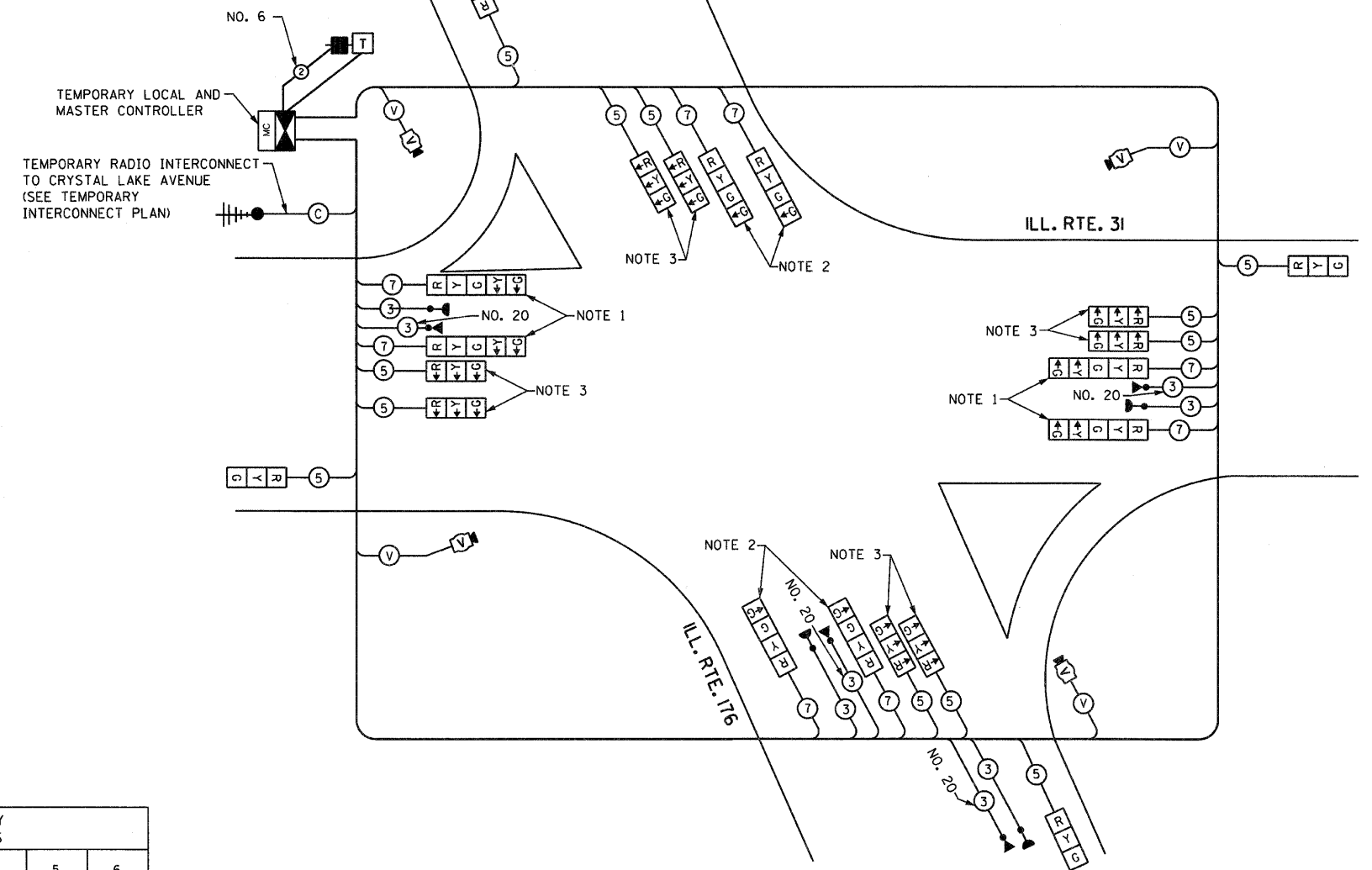


TEMPORARY PHASE DESIGNATION DIAGRAM FOR CONSTRUCTION STAGE 2 AND STAGE 3



FOR CONSTRUCTION STAGE 2 AND STAGE 3

PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	→	↘	←	↙



CABLE PLAN FOR CONSTRUCTION STAGE 2 AND STAGE 3

CONSTRUCTION NOTES

- 1: THE GREEN AND YELLOW LEFT TURN ARROW INDICATION SECTIONS FOR NORTHBOUND AND SOUTHBOUND DIRECTION OF TRAFFIC SHALL BE DISCONNECTED AND BAGGED DURING CONSTRUCTION STAGE 2 AND STAGE 3.
- 2: THE GREEN LEFT TURN ARROW INDICATION SECTION FOR EASTBOUND AND WESTBOUND DIRECTION OF TRAFFIC SHALL BE DISCONNECTED AND BAGGED DURING CONSTRUCTION STAGE 2 AND STAGE 3.
- 3: THESE 3-SECTION SIGNAL HEADS WITH ALL LEFT ARROW INDICATIONS SHALL BE OPERATIONAL DURING CONSTRUCTION STAGE 2 AND STAGE 3.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	20	135	17	0.50	170.0
(YELLOW)	20	135	25	0.25	125.0
(GREEN)	20	135	15	0.25	75.0
ARROW		135	12	0.10	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN				0.05	
VIDEO SYSTEM	1	150		1.00	150.0
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 620

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: LISA COOK
PHONE: (815) 477-5204
COMPANY: COMED

REVISIONS	
NAME	DATE
EA	11/21/2011

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, ILLINOIS ROUTE 31 AT ILLINOIS ROUTE 176 (SHEET 5 OF 5)

SCALE: N.T.S.

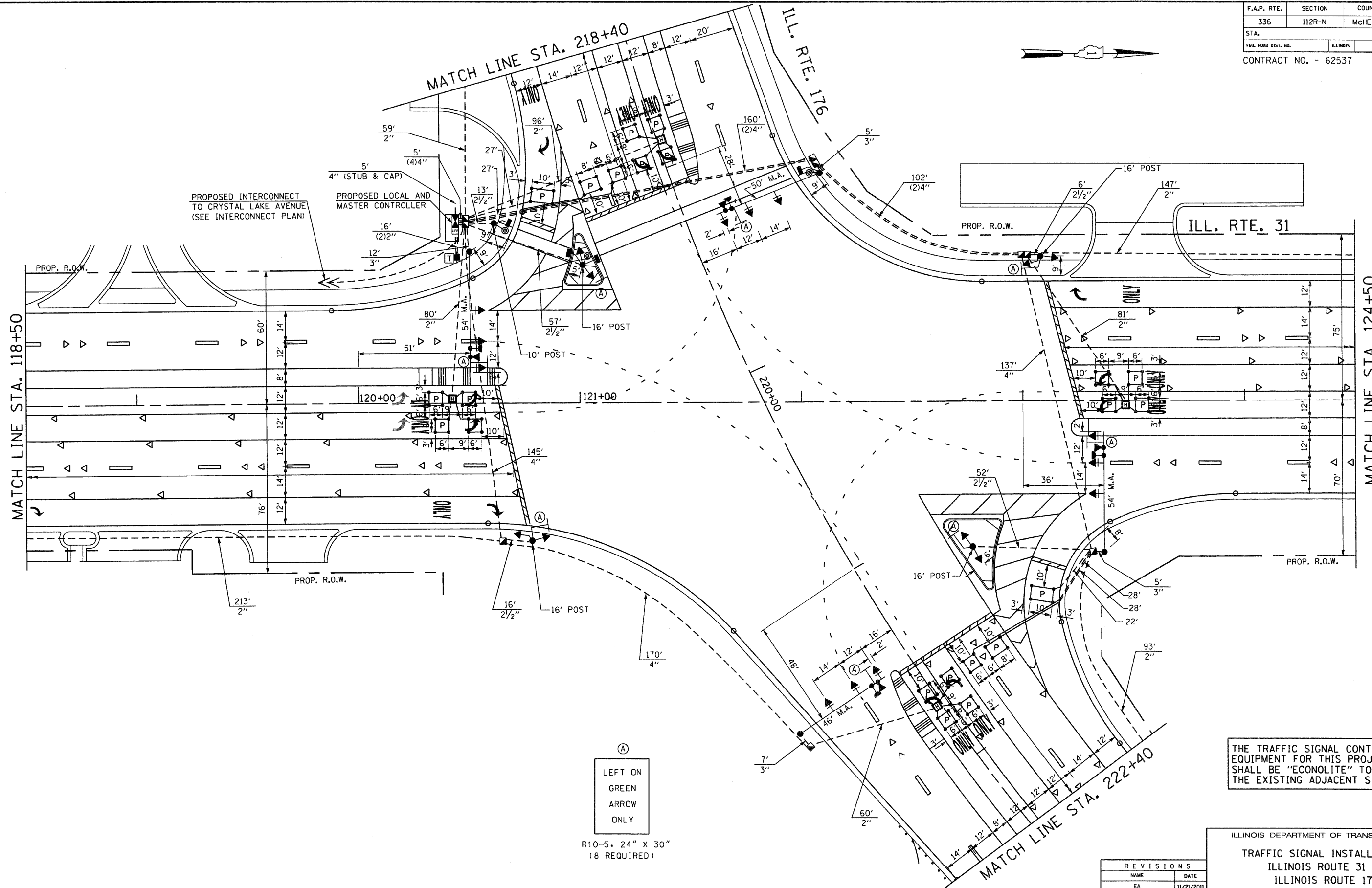
DATE: 02/10/2012

DRAWN BY: KGP
DESIGNED BY: PKG
CHECKED BY: PKG

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-9910

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
336	112R-N	McHENRY	266	170
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. - 62537



(A)
LEFT ON GREEN
ARROW
ONLY
R10-5, 24" X 30"
(8 REQUIRED)

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INSTALLATION
ILLINOIS ROUTE 31 AT
ILLINOIS ROUTE 176
(SHEET 1 OF 2)

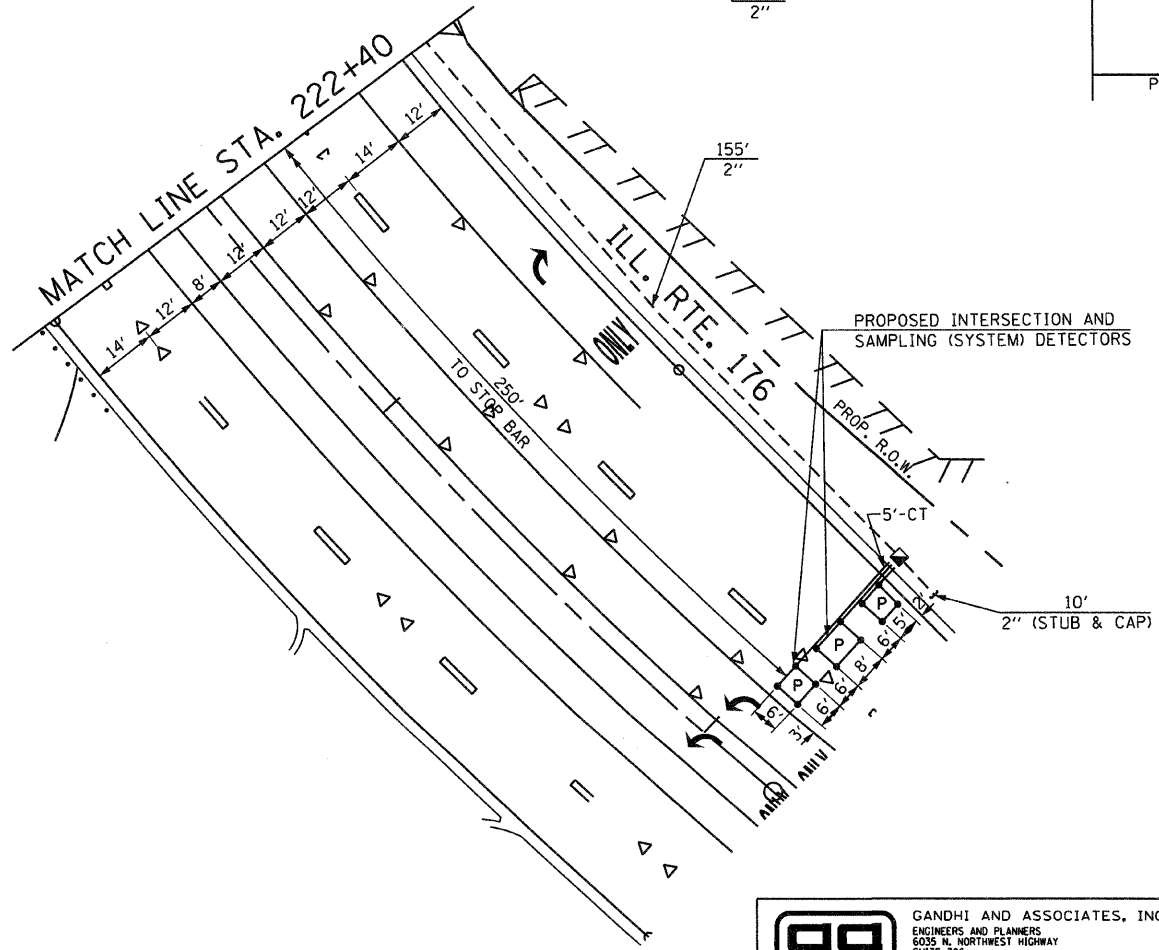
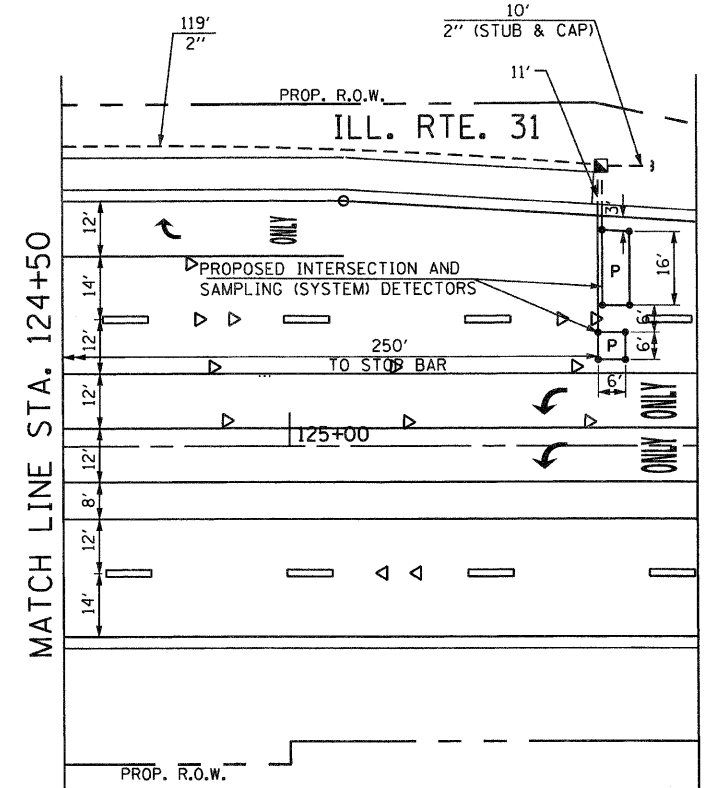
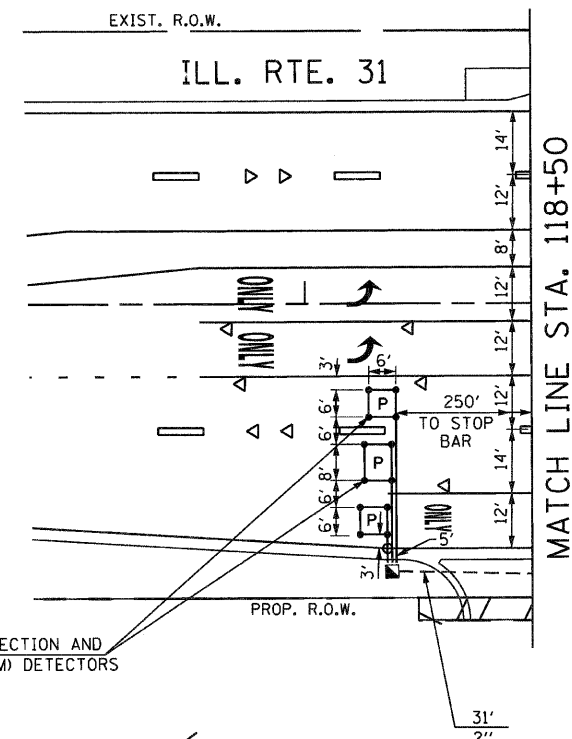
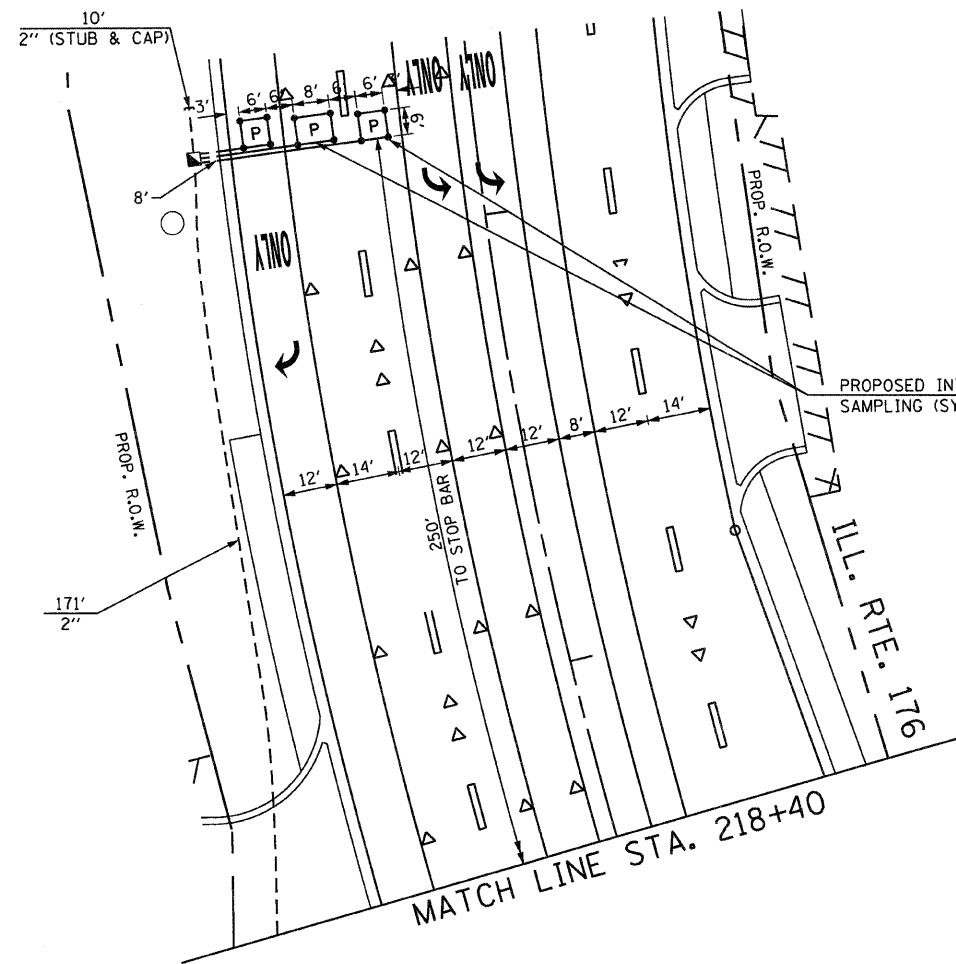
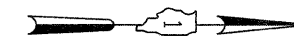
REVISIONS	
NAME	DATE
EA	11/21/2011

SCALE: 1"=20'
DATE: 02/10/2012
DRAWN BY: KGP
DESIGNED BY: PKG
CHECKED BY: PKG

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	171
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. - 62537



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SIGNAL INSTALLATION
 ILLINOIS ROUTE 31 AT
 ILLINOIS ROUTE 176
 (SHEET 2 OF 2)

REVISIONS	
NAME	DATE
EA	11/21/2011

go GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

SCALE: 1"=20'
 DATE: 02/10/2012
 DRAWN BY: KGP
 DESIGNED BY: PKG
 CHECKED BY: PKG

5F ILELS
 5DATES
 5TIMES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
336	112R-N	McHENRY	266	172
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

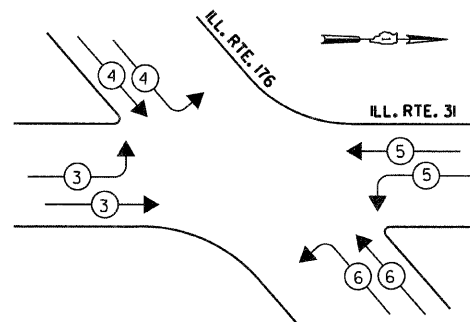
CONTRACT NO. - 62537

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
71.5	SO FT	SIGN PANEL - TYPE 1
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
1367	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
144	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
29	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
1001	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
7	EACH	HANDHOLE
4	EACH	HEAVY-DUTY HANDHOLE
3	EACH	DOUBLE HANDHOLE
1	EACH	TRANSCEIVER - FIBER OPTIC
350	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1810	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
3815	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
2411	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
7920	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
36	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
1129	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
4	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.
20	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
58	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
8	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
12	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
21	EACH	INDUCTIVE LOOP DETECTOR
1269	FOOT	PREFORMED DETECTOR LOOP
• 4	EACH	LIGHT DETECTOR
• 1	EACH	LIGHT DETECTOR AMPLIFIER
3	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
11	EACH	REMOVE EXISTING HANDHOLE
10	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	FULL-ACTUATED CONTROLLER AND CABINET, TYPE V, SPECIAL
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
• 1341	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING

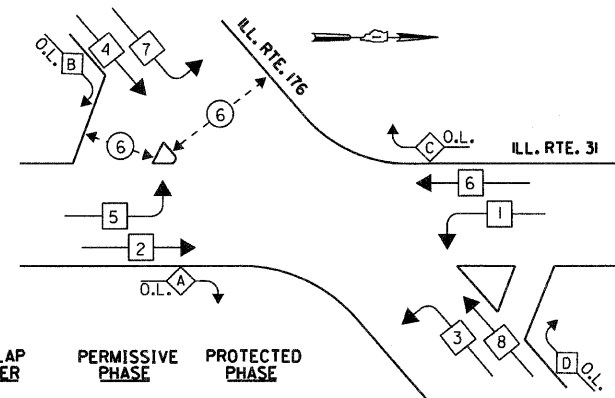
• 100% COST TO CITY OF CRYSTAL LAKE

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

CONTROLLER SEQUENCE



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

PHASE DESIGNATION DIAGRAM

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

- LEGEND**
- ←○→ DUAL ENTRY PHASE
 - ←□→ SINGLE ENTRY PHASE
 - ←◇→ OVERLAP
 - ←○→ PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

REVISIONS	
NAME	DATE
EA	11/21/2011

ILLINOIS DEPARTMENT OF TRANSPORTATION
CABLE PLAN, PHASE DESIGNATION DIAGRAM,
EMERGENCY VEHICLE PREEMPTION SEQUENCE,
SCHEDULE OF QUANTITIES - ILLINOIS
ROUTE 31 AT ILLINOIS ROUTE 176

SCALE: N.T.S. DRAWN BY: KGP
DESIGNED BY: PKG
DATE: 02/10/2012 CHECKED BY: PKG

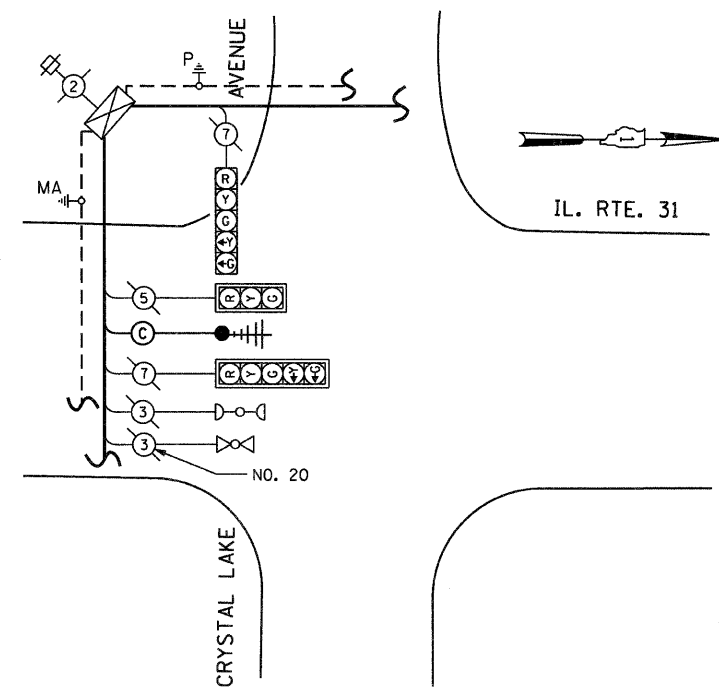
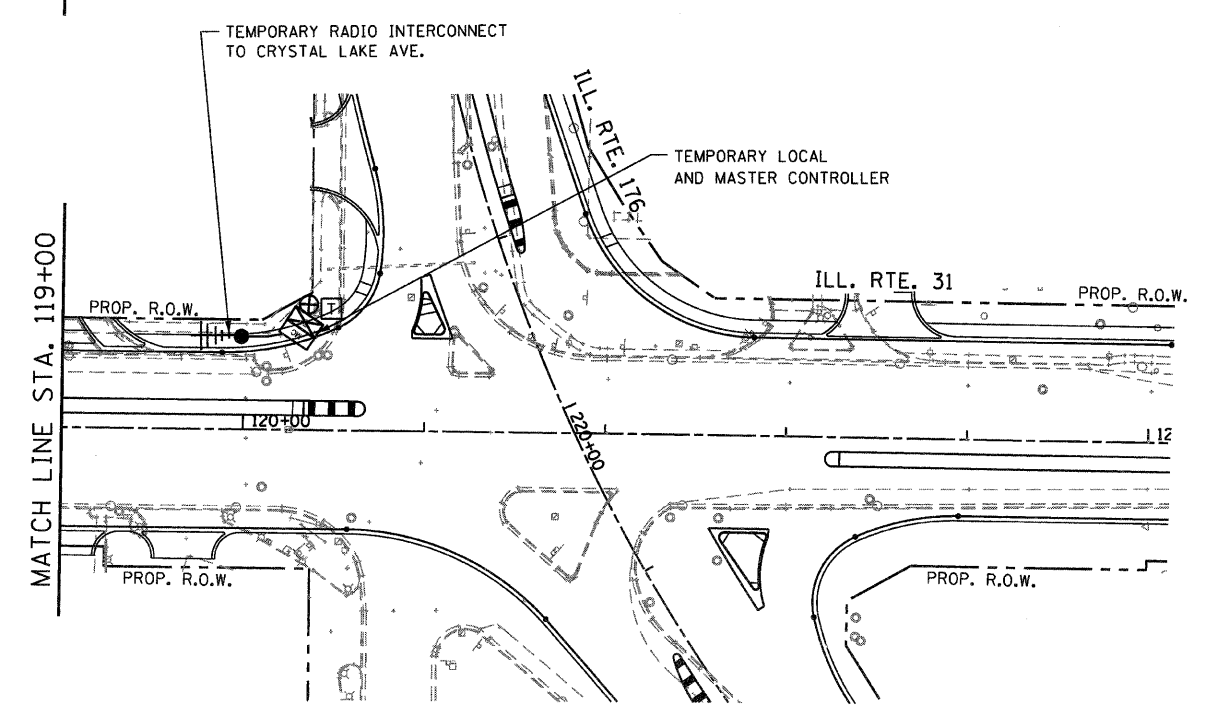
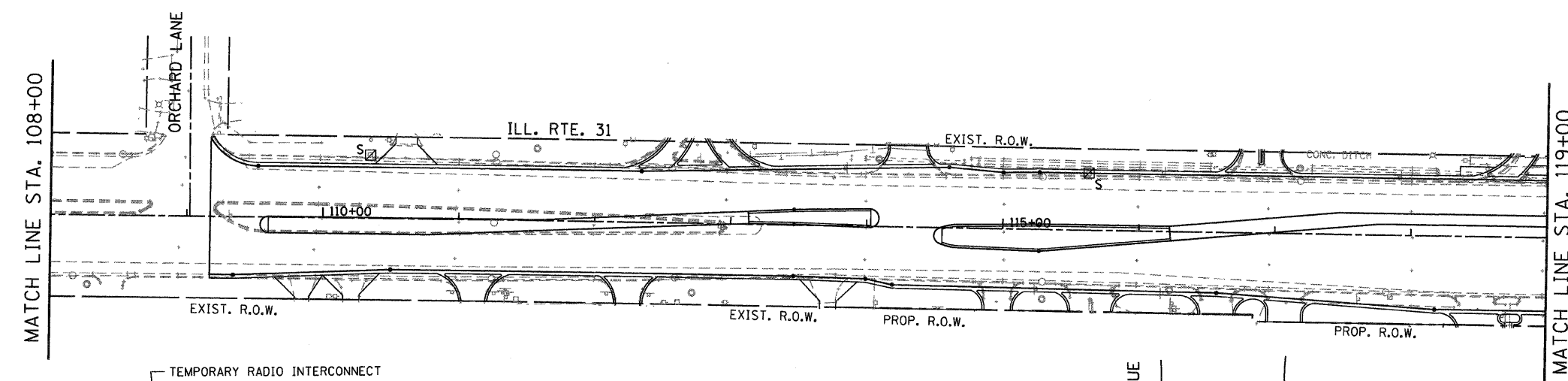
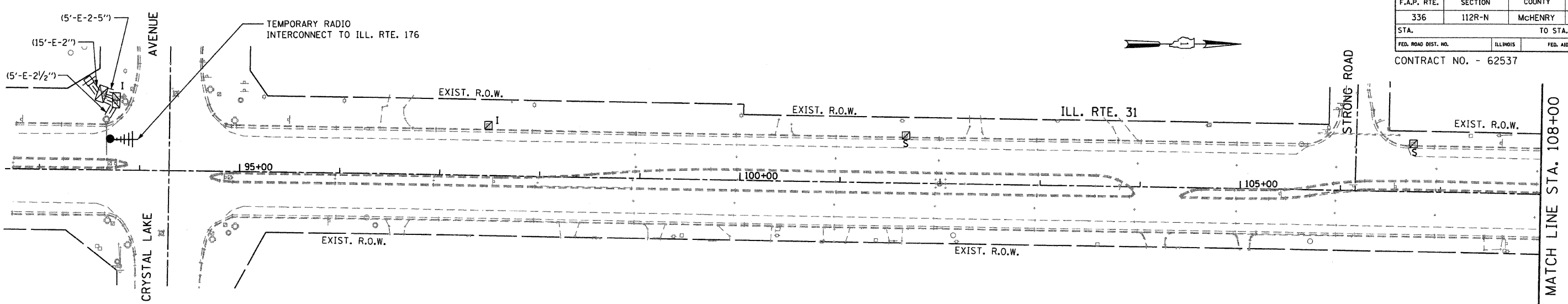
I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	INCAND.	LED	%OPERATION	
SIGNAL (RED)	20	135	17	0.50	170.0
(YELLOW)	20	135	25	0.25	125.0
(GREEN)	20	135	15	0.25	75.0
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	4	90	25	1.00	100.0
CONTROLLER ILLUM. SIGN	1	100	100	1.00	100.0
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 589.2

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY CONTACT: LISA COOK
PHONE: (815) 477-5204
COMPANY: COMED

#F ILEL\$
#DATE\$
\$TIME\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	MCHEMRY	266	173
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT:		

CONTRACT NO. - 62537



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY INTERCONNECT PLAN
 ILLINOIS ROUTE 31 FROM ILLINOIS
 ROUTE 176 TO CRYSTAL LAKE AVENUE

REVISIONS	
NAME	DATE
EA	11/21/2011

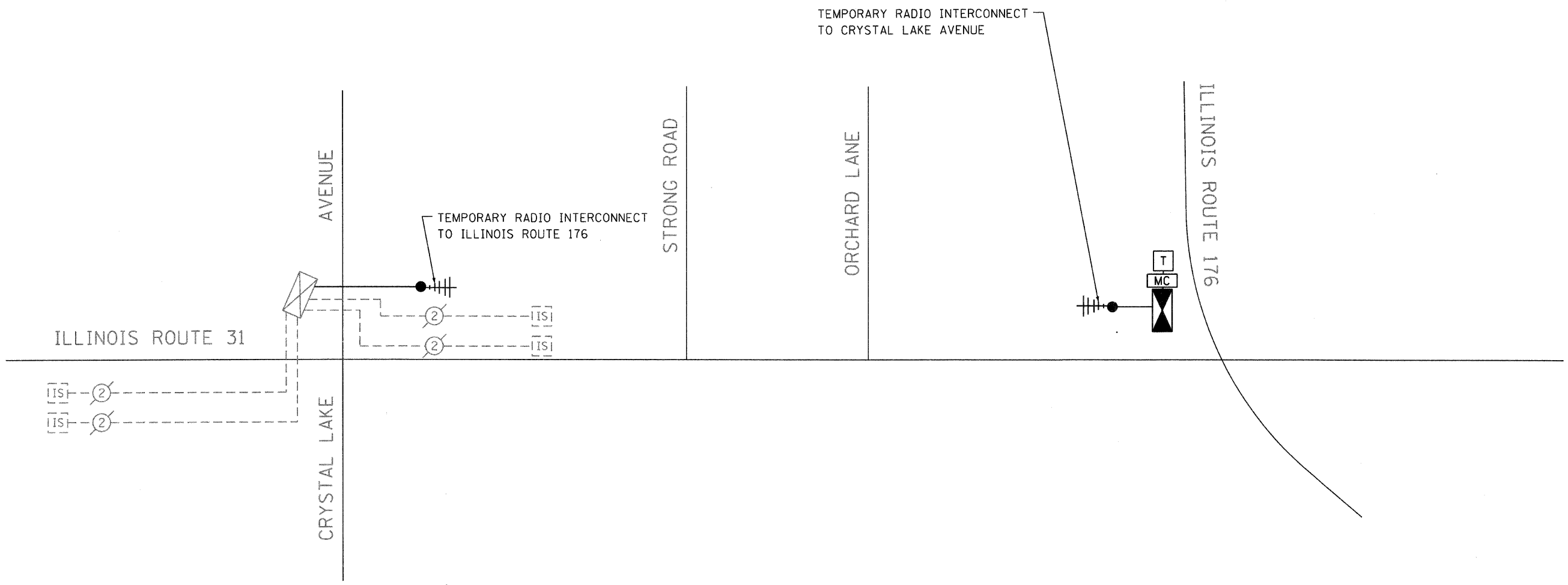
SCALE: 1"=50'
 DATE: 02/10/2012

DRAWN BY: KGP
 DESIGNED BY: PKG
 CHECKED BY: PKG

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 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	174
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT:	

CONTRACT NO. - 62537



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY INTERCONNECT SCHEMATIC
 ILLINOIS ROUTE 31 FROM ILLINOIS ROUTE 176 TO CRYSTAL LAKE AVENUE

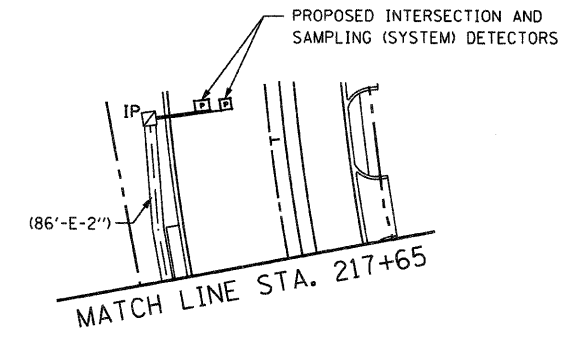
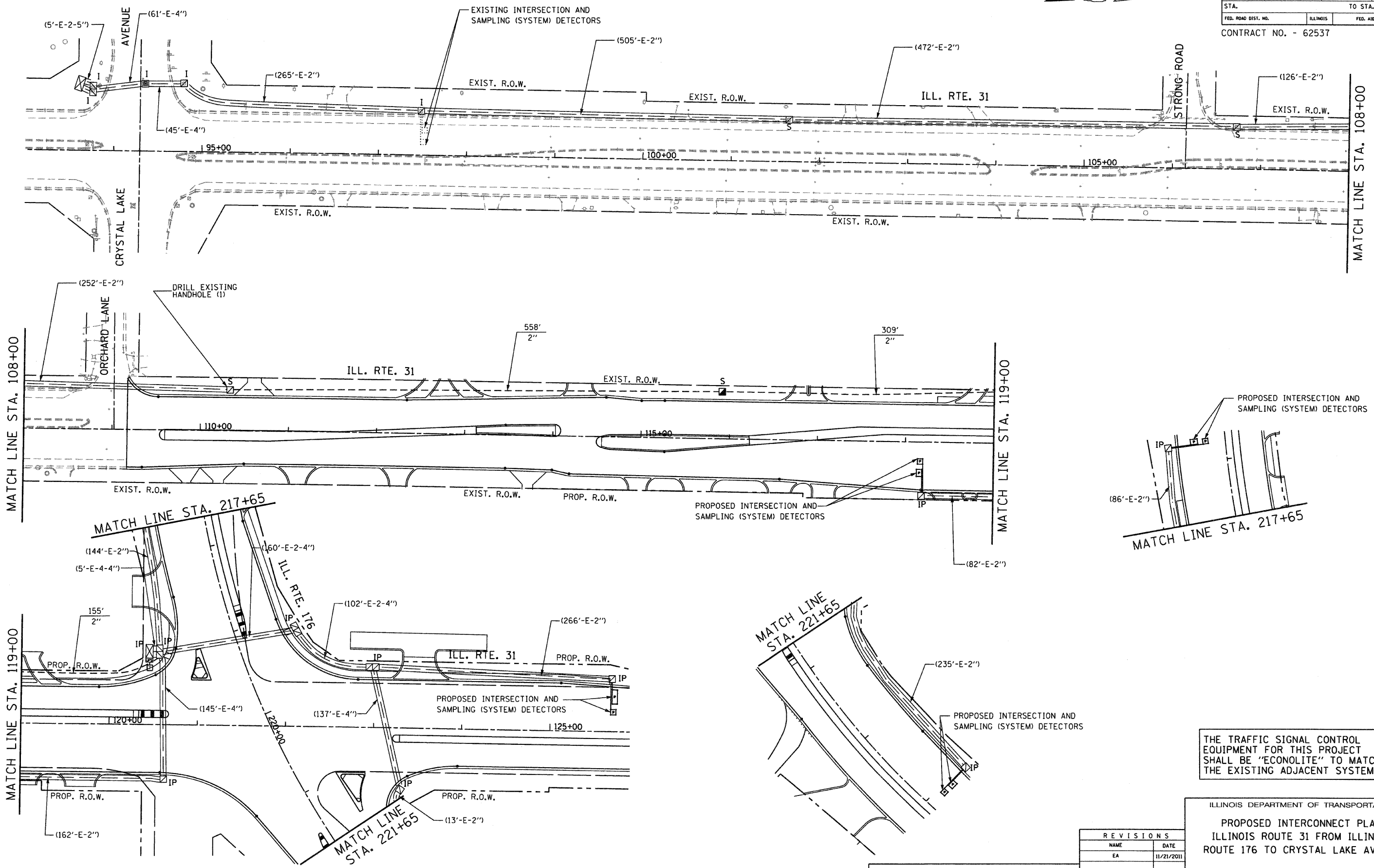
REVISIONS	
NAME	DATE
EA	11/21/2011

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 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

SCALE: N.T.S.
 DATE: 02/10/2012
 DRAWN BY: KGP
 DESIGNED BY: PKG
 CHECKED BY: PKG

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	MCHEMRY	266	175
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT:		

CONTRACT NO. - 62537



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT PLAN
ILLINOIS ROUTE 31 FROM ILLINOIS
ROUTE 176 TO CRYSTAL LAKE AVENUE

REVISIONS	
NAME	DATE
EA	11/21/2011

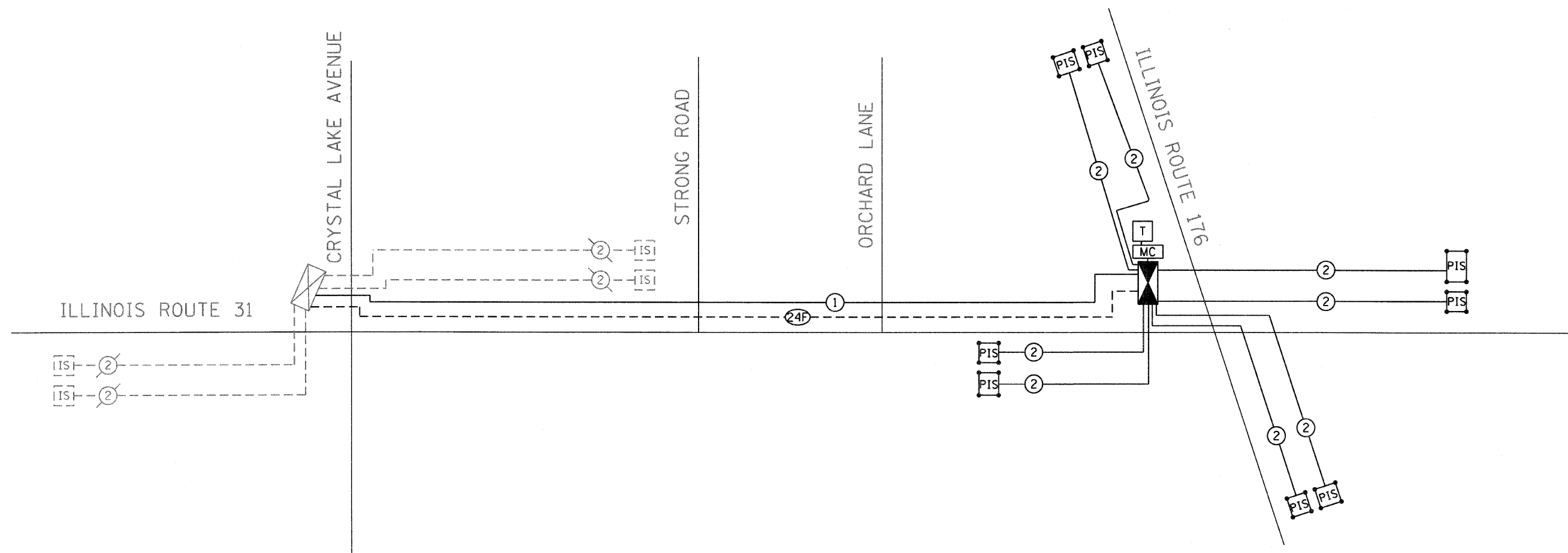
SCALE: 1"=50'
DATE: 02/10/2012

DRAWN BY: KGP
DESIGNED BY: PKG
CHECKED BY: PKG

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ENGINEERS AND PLANNERS
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SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	MCHENRY	266	176
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT:	

CONTRACT NO. - 62537



SCHEDULE OF INTERCONNECT QUANTITIES

QUANTITY	UNIT	ITEM
1022	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
1	EACH	HANDHOLE
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	MASTER CONTROLLER (SPECIAL)
2865	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F
2839	FOOT	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C
1	EACH	DRILL EXISTING HANDHOLE
3188	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
1	EACH	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCONNECT SCHEMATIC ILLINOIS ROUTE 31 FROM ILLINOIS ROUTE 176 TO CRYSTAL LAKE AVENUE

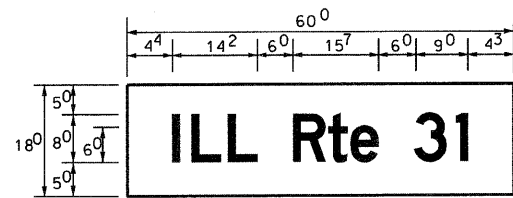
REVISIONS	
NAME	DATE
EA	11/21/2011

GA GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

SCALE: N.T.S.
 DATE: 02/10/2012
 DRAWN BY: KGP
 DESIGNED BY: PKG
 CHECKED BY: PKG

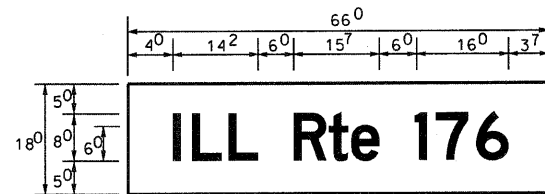
CONTRACT NO. - 62537

PANEL SIGN DESIGN TYPE 1



7.50 Sq. Ft. each
2 Required
 Design Series D

PANEL SIGN DESIGN TYPE 1



8.25 Sq. Ft. each
2 Required
 Design Series D

NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
- THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 8'-0".
- ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:

* J.O. HERBERT CO.
 MIDLOTHIAN, VA.

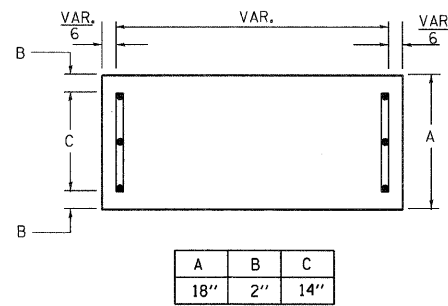
* WESTERN REMAC INC.
 WOODRIDGE, IL.

PARTS LISTING:

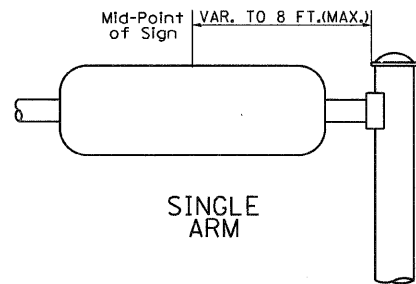
- SIGN CHANNEL PART *HPN053 (MED. CHANNEL)
- SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
- BRACKETS SELF TAPPING WITH NEOPRENE WASHER
- PART *HPN034 (UNIVERSAL)
- CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

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

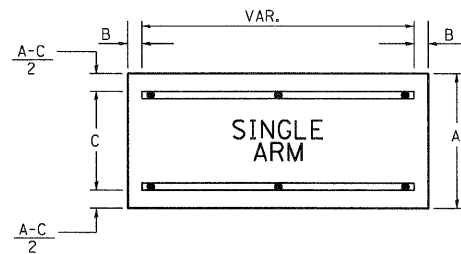
SUPPORTING CHANNELS



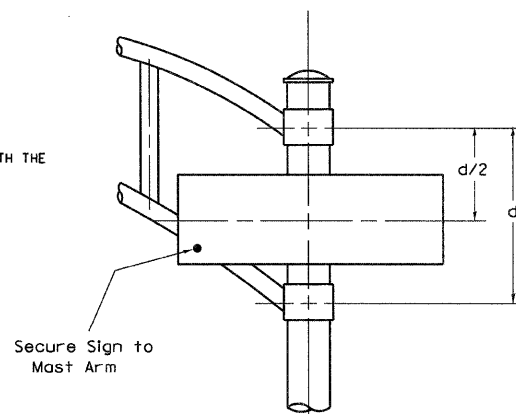
A	B	C
18"	2"	14"



SUPPORTING CHANNELS



A	B	C
18"	2"	12"
30"	2"	22"



DUAL ARM

SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM
 Shall be used. See Note #5.

Upper Case To Lower Case
 Spacing Chart 8-6 Inch Series "C & D"

EXAMPLE, 2³ DENOTES 3/8"

SERIES	SECOND LETTER															
	acde		bhikl		fw		j		st		vy		xz			
	g	o	q	m	n	p	r	u	f	w	j	s	t	v	y	x
A W X	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ¹	1 ⁴	0 ⁶	1 ⁰	1 ¹	1 ²	1 ²	1 ⁴
B	1 ⁴	1 ⁵	2 ⁰	2 ¹	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁶	1 ⁷
C E G	1 ⁴	1 ⁵	2 ⁰	2 ¹	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵
D O Q R	1 ⁴	1 ⁵	2 ⁰	2 ¹	1 ⁴	1 ⁵	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵
F	0 ⁵	0 ⁶	1 ⁴	1 ⁵	0 ⁶	1 ⁰	0 ⁵	0 ⁶	0 ⁶	1 ⁰	0 ⁶	1 ⁰	0 ⁶	1 ⁰	1 ¹	1 ²
H I M N	2 ⁰	2 ¹	2 ²	2 ⁴	2 ⁰	2 ¹	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷	2 ⁰	2 ¹	2 ⁰	2 ¹
J U	2 ⁰	2 ¹	2 ⁰	2 ¹	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁶	1 ⁷	2 ⁰	2 ¹
K L	1 ¹	1 ²	1 ⁶	1 ⁷	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴
P	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁴	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴	1 ²	1 ⁴
S	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴
T	1 ¹	1 ²	1 ⁶	1 ⁷	0 ⁶	1 ⁰	0 ⁶	1 ⁰	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴
V	0 ⁶	1 ⁰	1 ⁴	1 ⁵	1 ¹	1 ²	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴
Y	0 ⁵	0 ⁶	1 ⁴	1 ⁵	0 ⁶	1 ⁰	0 ⁵	0 ⁶	0 ⁵	0 ⁷	0 ⁵	0 ⁶	0 ⁶	1 ⁰	1 ¹	1 ²
Z	1 ⁶	1 ⁷	2 ²	2 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁶	1 ⁷	2 ⁰	2 ¹

Lower Case To Lower Case
 Spacing Chart 6 Inch Series "C & D"

SERIES	SECOND LETTER															
	acde		bhikl		fw		j		st		vy		xz			
	g	o	q	m	n	p	r	u	f	w	j	s	t	v	y	x
ad h g i j	1 ⁶	1 ⁷	2 ²	2 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷
l m n q u	1 ⁶	1 ⁷	2 ²	2 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷
b f k o p s	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴	1 ²	1 ⁴
c e	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴
r	0 ⁶	1 ⁰	1 ²	1 ⁴	0 ⁶	1 ⁰	0 ³	0 ³	0 ⁵	0 ⁶	0 ⁵	0 ⁶	0 ⁶	1 ⁰	0 ⁶	1 ⁰
t z	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴	1 ²	1 ⁴
v y	1 ¹	1 ²	1 ⁴	1 ⁵	1 ¹	1 ²	0 ⁵	0 ⁶	0 ⁶	1 ⁰	0 ⁶	1 ⁰	1 ¹	1 ²	1 ¹	1 ²
w	1 ¹	1 ²	1 ⁴	1 ⁵	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴
x	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴

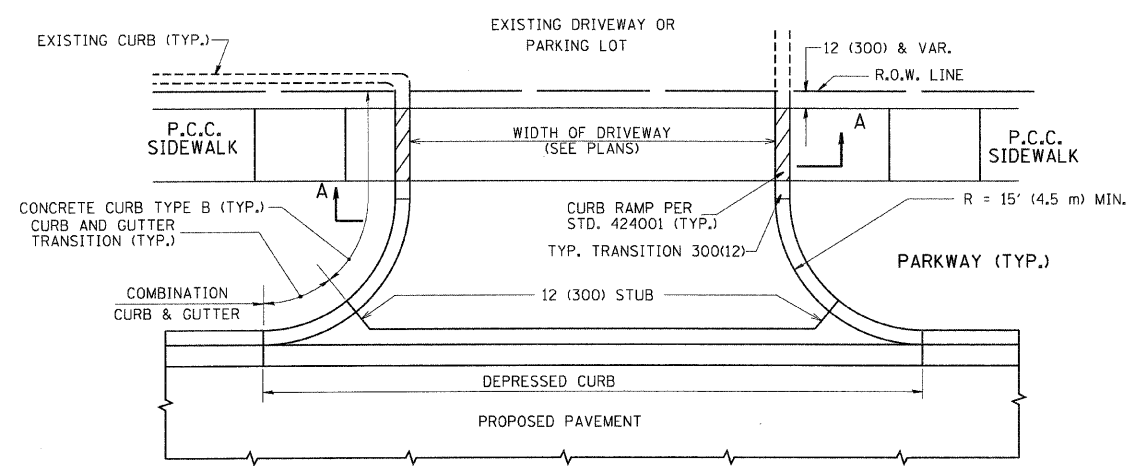
Number To Number
 Spacing Chart 8 Inch Series "C & D"

SERIES	SECOND NUMBER																			
	0	1	2	3	4	5	6	7	8	9										
	0 9	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁶
1	2 ⁰	2 ¹	2 ⁰	2 ¹	2 ⁰	2 ¹	1 ⁶	1 ⁷	1 ⁴	1 ⁵	2 ⁰	2 ¹	2 ⁰	2 ¹	1 ⁴	1 ⁵	2 ⁰	2 ¹	2 ⁰	2 ¹
2 3 4	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵
5	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵
6	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵
7	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁵	0 ⁵	0 ⁶	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ²	1 ⁴
8	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ²	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁴	1 ⁵

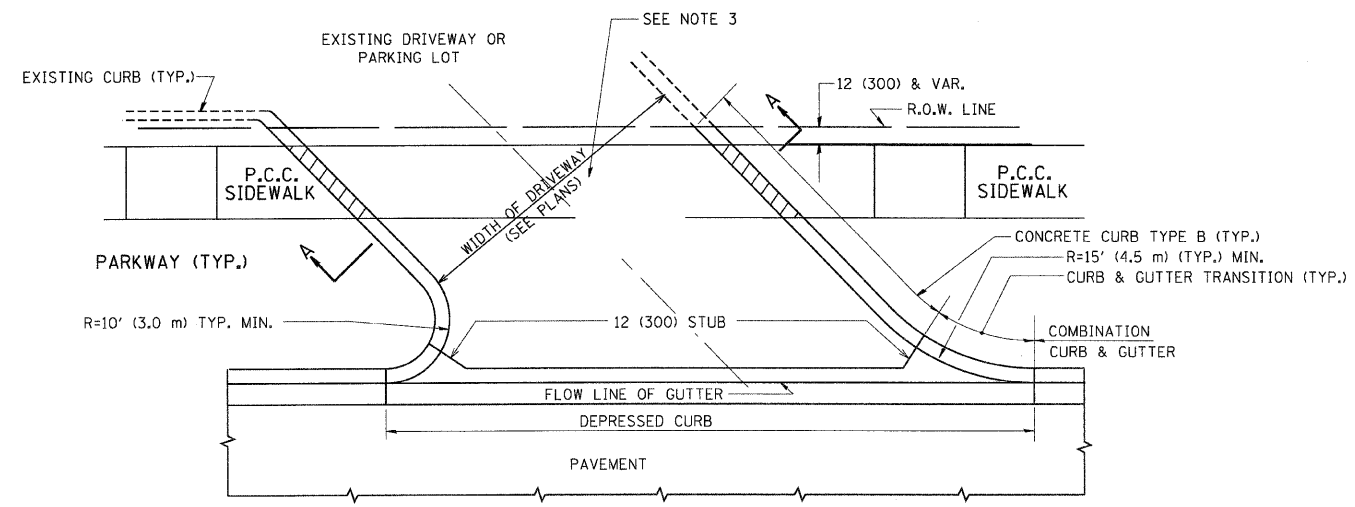
LETTERS	6 INCH UPPER CASE LETTERS		8 INCH UPPER CASE LETTERS		LETTERS	6 INCH LOWER CASE LETTERS	
	SERIES		SERIES			SERIES	
	C	D	C	D		C	D
A	3 ⁶	5 ⁰	5 ⁰	6 ⁵	a	3 ⁵	4 ²
B	3 ²	4 ⁰	4 ³	5 ³	b	3 ⁵	4 ²
C	3 ²	4 ⁰	4 ³	5 ³	c	3 ⁵	4 ¹
D	3 ²	4 ⁰	4 ³	5 ³	d	3 ⁵	4 ²
E	3 ⁰	3 ⁵	4 ⁰	4 ⁷	e	3 ⁵	4 ²
F	3 ⁰	3 ⁵	4 ⁰	4 ⁷	f	2 ³	2 ⁶
G	3 ²	4 ⁰	4 ³	5 ³	g	3 ⁵	4 ²
H	3 ²	4 ⁰	4 ³	5 ³	h	3 ⁵	4 ²
I	0 ⁷	0 ⁷	1 ¹	1 ²	i	1 ¹	1 ¹
J	3 ⁰	3 ⁶	4 ⁰	5 ⁰	j	2 ⁰	2 ²
K	3 ²	4 ¹	4 ³	5 ⁴	k	3 ⁵	4 ²
L	3 ⁰	3 ⁵	4 ⁰	4 ⁷	l	1 ¹	1 ¹
M	3 ⁷	4 ⁵	5 ¹	6 ¹	m	6 ⁰	7 ⁰
N	3 ²	4 ⁰	4 ³	5 ³	n	3 ⁵	4 ²
O	3 ⁴	4 ²	4 ⁵	5 ⁵	o	3 ⁶	4 ³
P	3 ²	4 ⁰	4 ³	5 ³	p	3 ⁵	4 ²
Q	3 ⁴	4 ²	4 ⁵	5 ⁵	q	3 ⁵	4 ²
R	3 ²	4 ⁰	4 ³	5 ³	r	2 ⁶	3 ²
S	3 ²	4 ⁰	4 ³	5 ³	s	3 ⁶	4 ²
T	3 ⁰	3 ⁵	4 ⁰	4 ⁷	t	2 ⁷	3 ²
U	3 ²	4 ⁰	4 ³	5 ³	u	3 ⁵	4 ²
V	3 ⁵	4 ⁴	4 ⁷	6 ⁰	v	4 ²	4 ⁷
W	4 ⁴	5 ²	6 ⁰	7 ⁰	w	5 ⁵	6 ⁴
X	3 ⁴	4 ⁰	4 ⁵	5 ³	x	4 ⁴	5 ¹
Y	3 ⁶	5 ⁰	5 ⁰	6 ⁶	y	4 ⁶	5 ³
Z	3 ²	4 ⁰	4 ³	5 ³	z	3 ⁶	4 ³

NUMBER

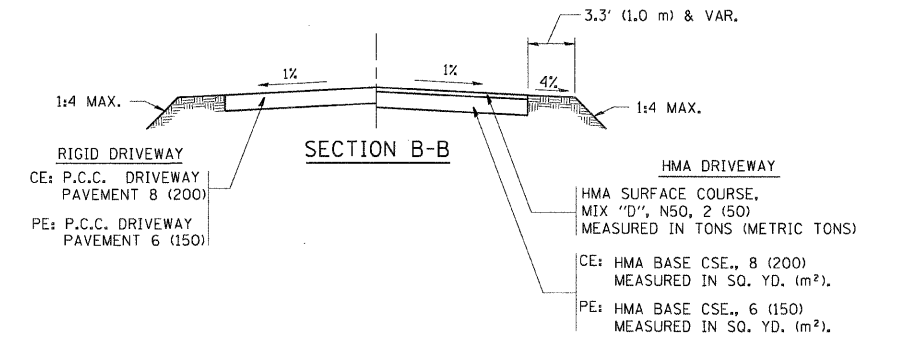
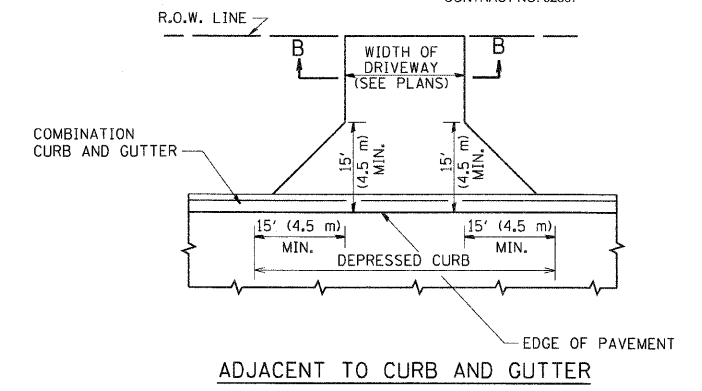
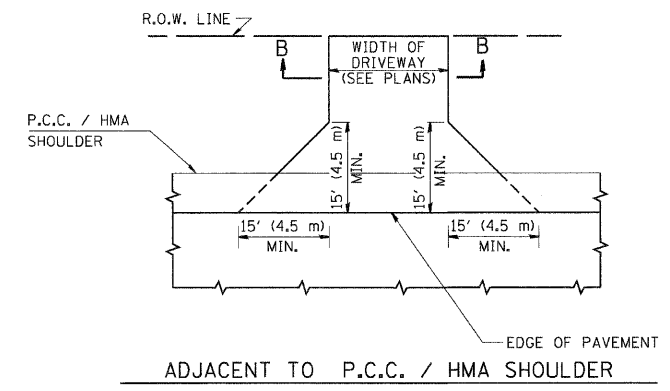
CONTRACT NO.				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	179
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62537				



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE, MIX "D", N50, 2 (50) MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200) MEASURED IN SQ. YD. (m²).

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

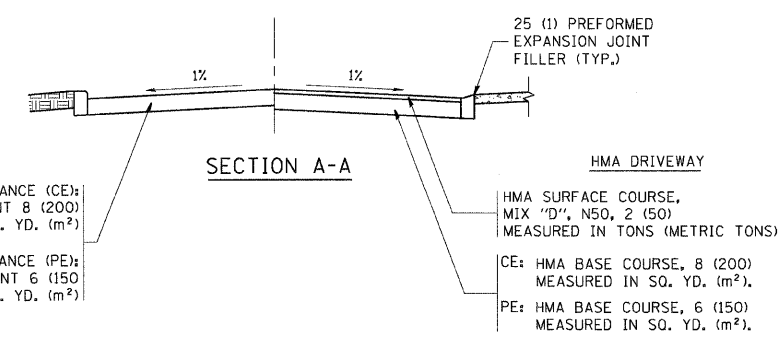
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

REVISIONS	
NAME	DATE
R. SHAH	11-04-95
J. POLLASTRINI	08-12-96
J. POLLASTRINI	12-14-96
A. ABBAS	03-21-97
T. HOLTZ	04-08-97
M. GOMEZ	04-06-01
P. LOFLEUR	04-15-03
R. BORO	01-01-07
R. BORO	06-11-08
R. BORO	09-06-11

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS

DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15' (4.5 m)

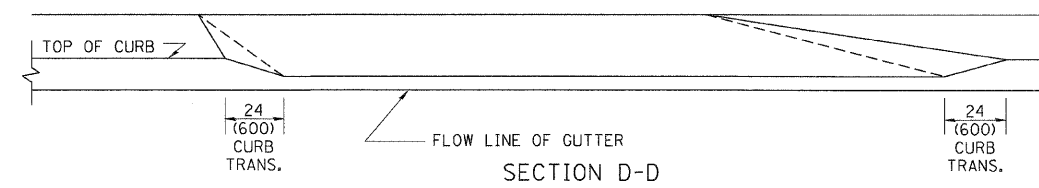
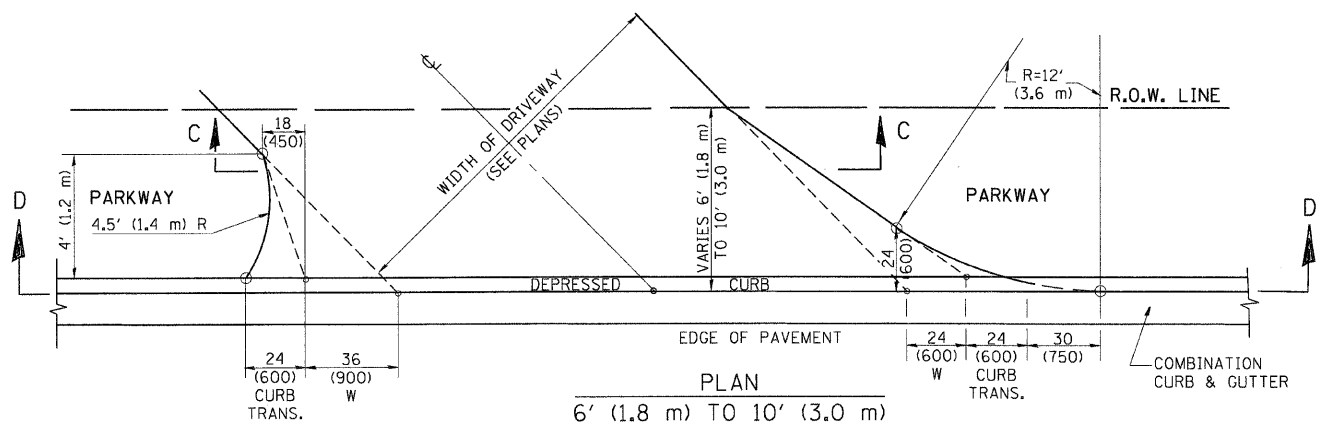
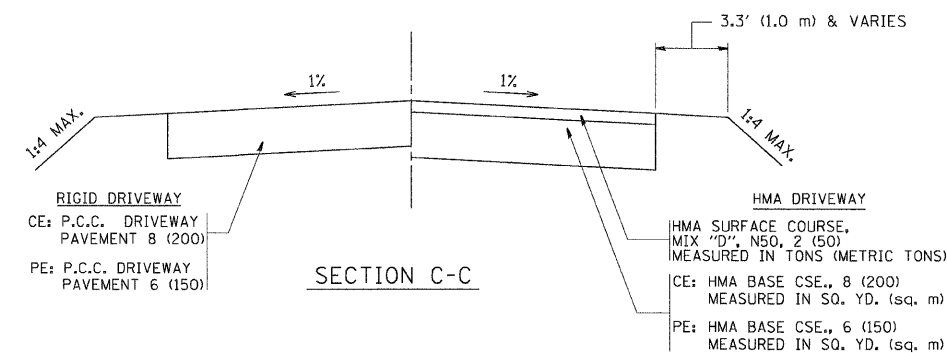
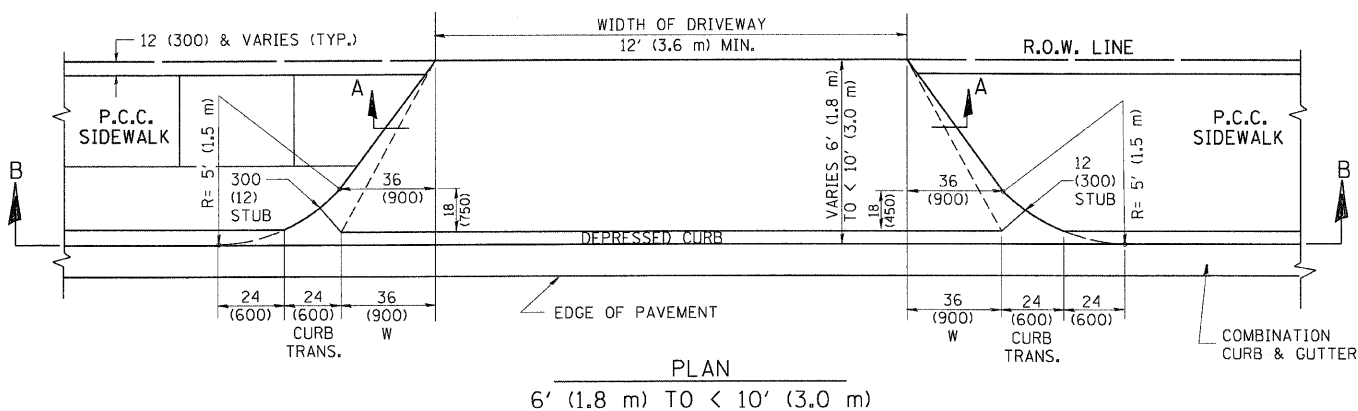
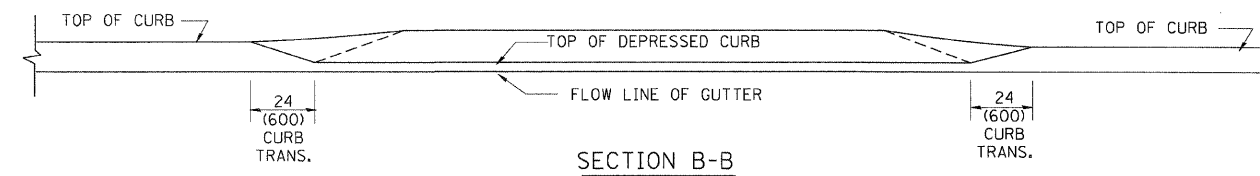
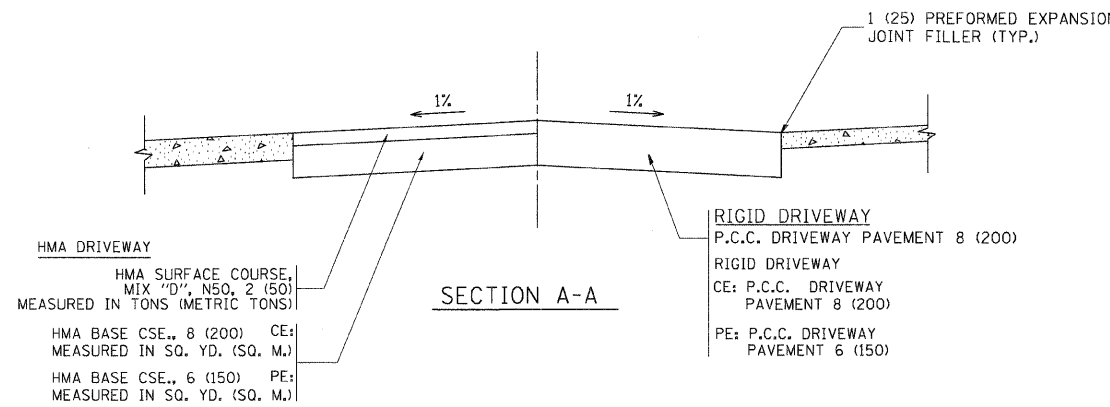
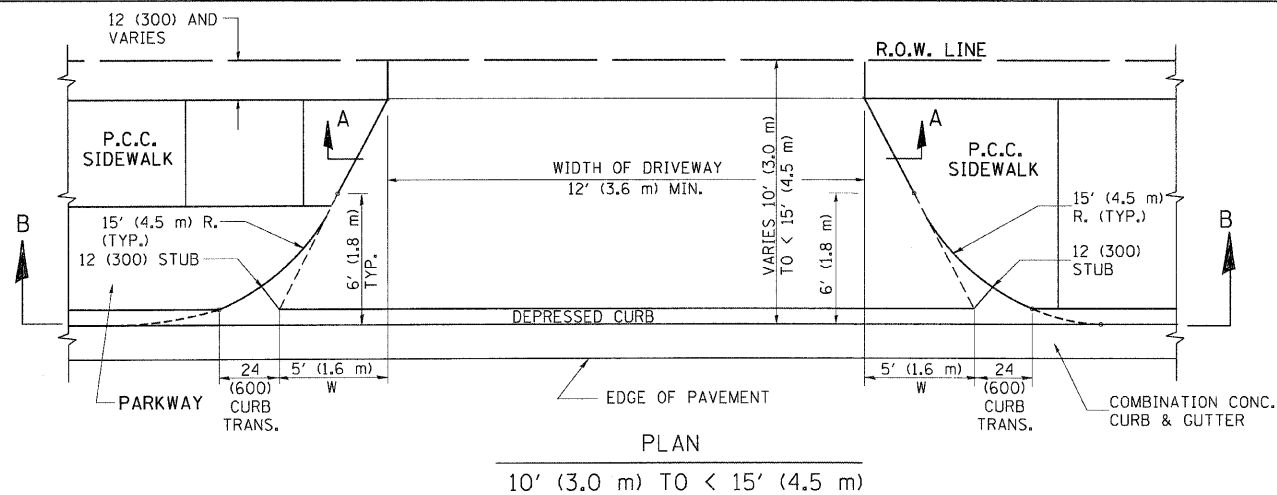
SCALE: VERT. NONE HORIZ.

DRAWN BY

CHECKED BY

PLOT DATE = 9/6/2011
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 PLOT SCALE = 40,9595 / 1"
 USER NAME = jlogan

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	180
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 62537				



GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL SHOW/RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

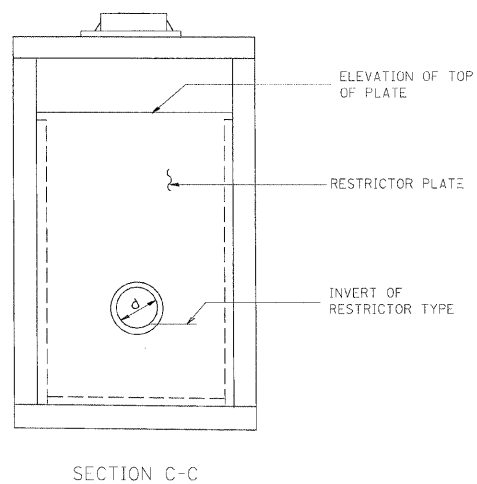
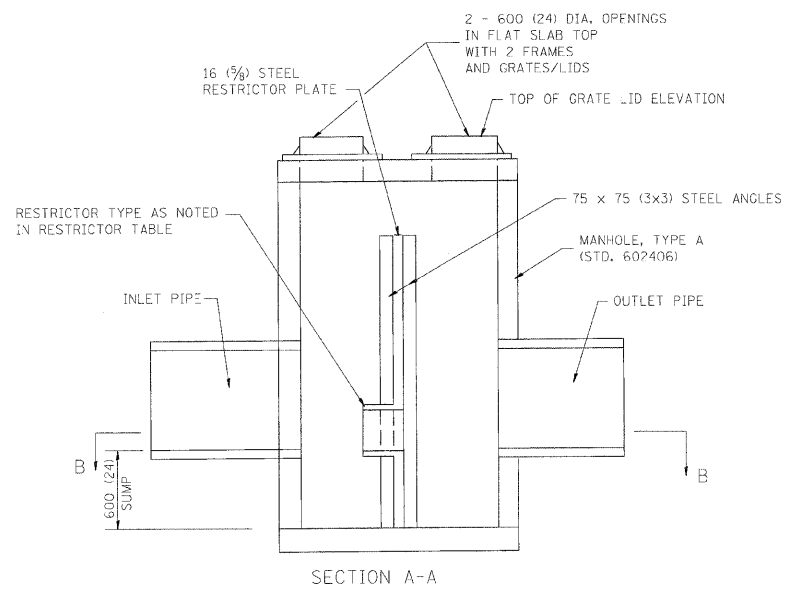
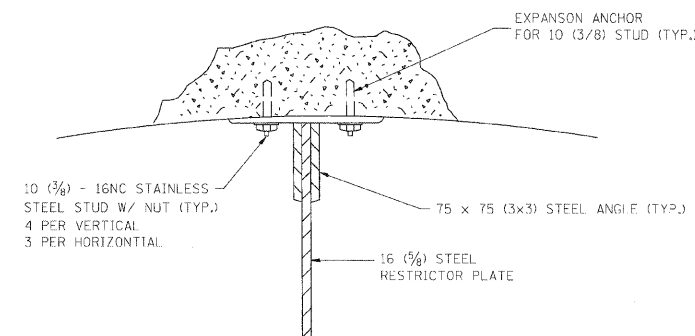
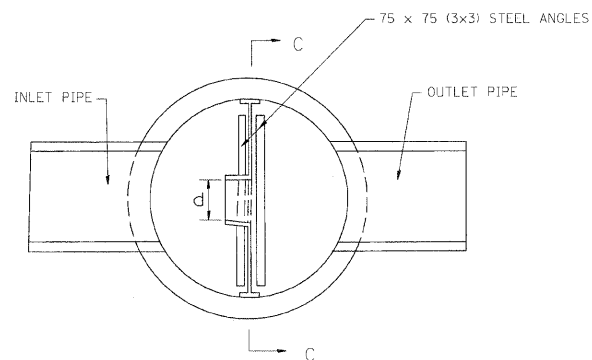
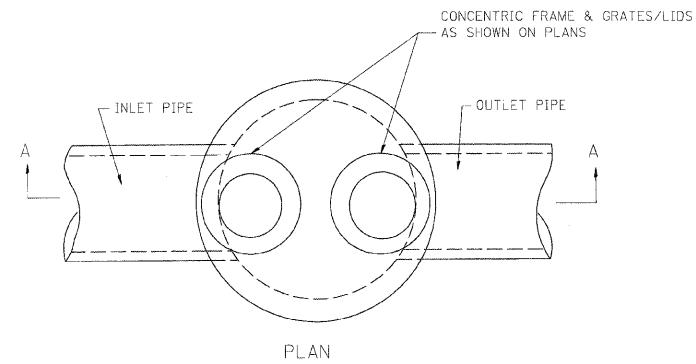
ILLINOIS DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)

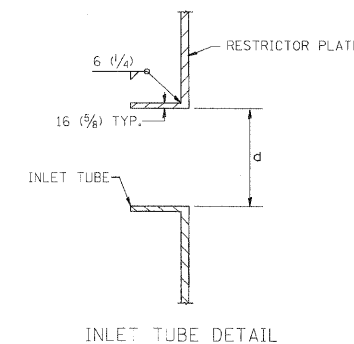
SCALE: VERT. NONE
HORIZ.

DRAWN BY
CHECKED BY

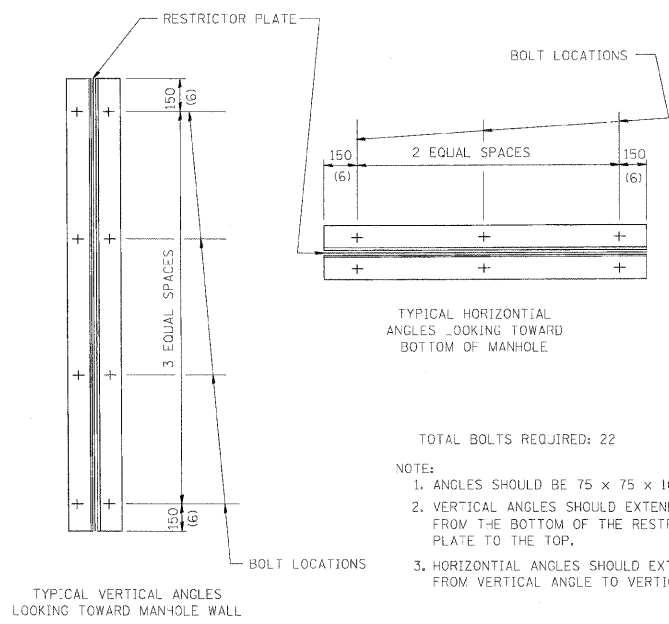
REVISIONS	
NAME	DATE
R. SHAH	11/06/95
J. POLLASTRINI	08/12/96
J. POLLASTRINI	12/14/96
A. ABBAS	03/21/97
T. HOLTZ	04/08/97
M. GOMEZ	04/06/01
P. LOFLEUR	04/15/03
R. BORO	01/01/07
R. BORO	09/06/11



- NOTES:
- ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
 - ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
 - BASIS OF PAYMENT: "MANHOLES, TYPE A, 1.8m (6FT.) DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER mm (in.) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
303+62	5'	T1F, C.L.	2	22"	870.88	877.10



- TOTAL BOLTS REQUIRED: 22
- NOTE:
- ANGLES SHOULD BE 75 x 75 x 10 (3x3x3/8)
 - VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
 - HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE

REVISIONS	
NAME	DATE
R. SHAH	09/09/94
R. SHAH	10/25/94
E. GOMEZ	08/28/00
M. GOMEZ	01/08/01

SCALE: NONE

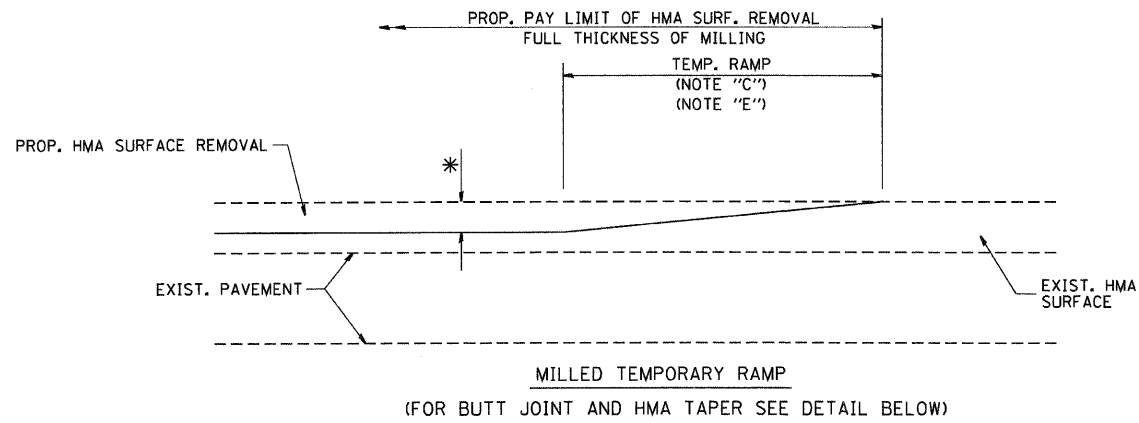
DATE 10/18/2002

DRAWN BY

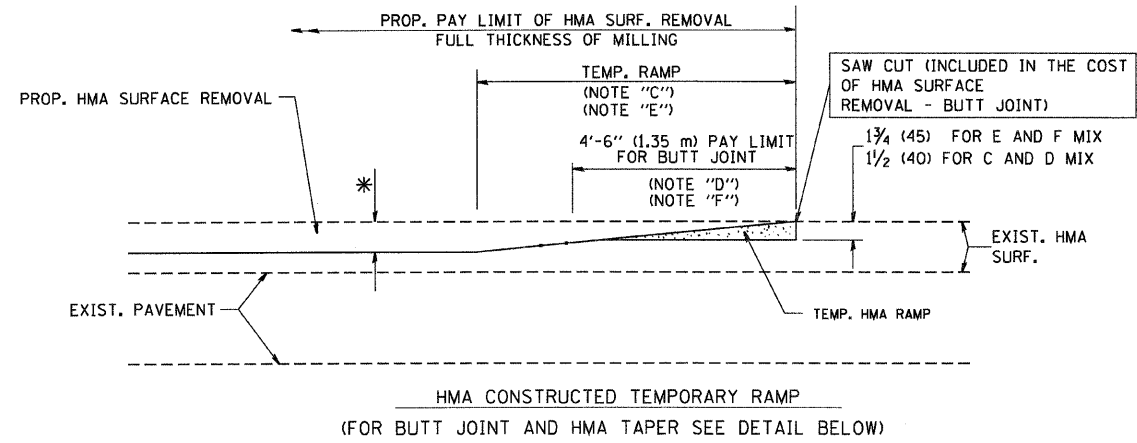
CHECKED BY

BD600-04 (BD-12)

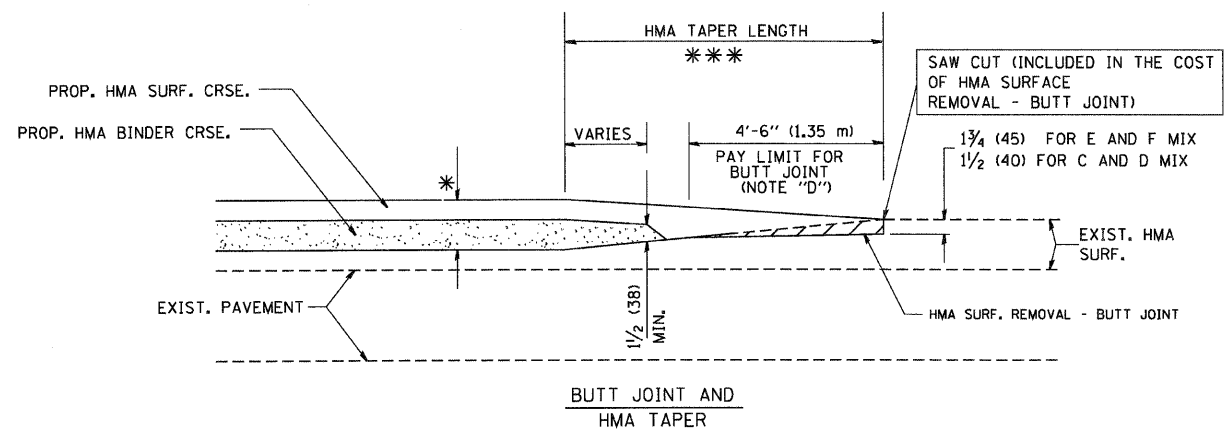
REVISION DATE: 01/08/01



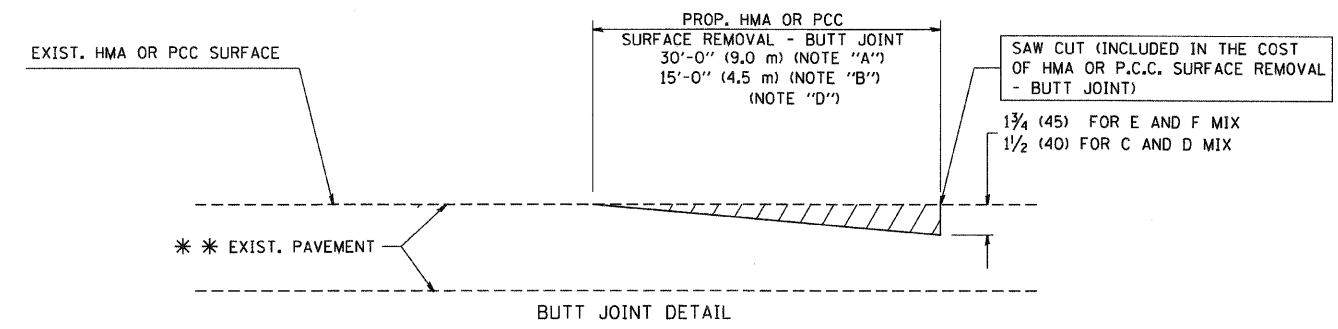
OPTION 1



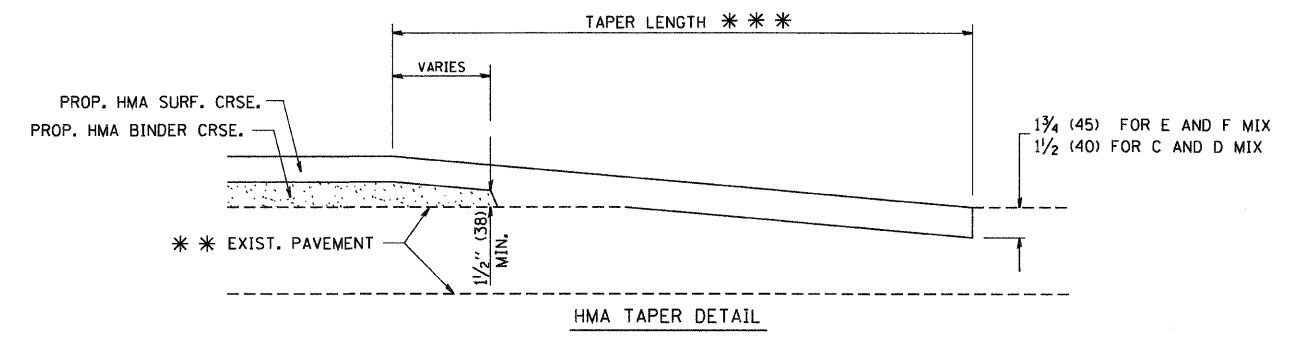
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

BASIS OF PAYMENT:

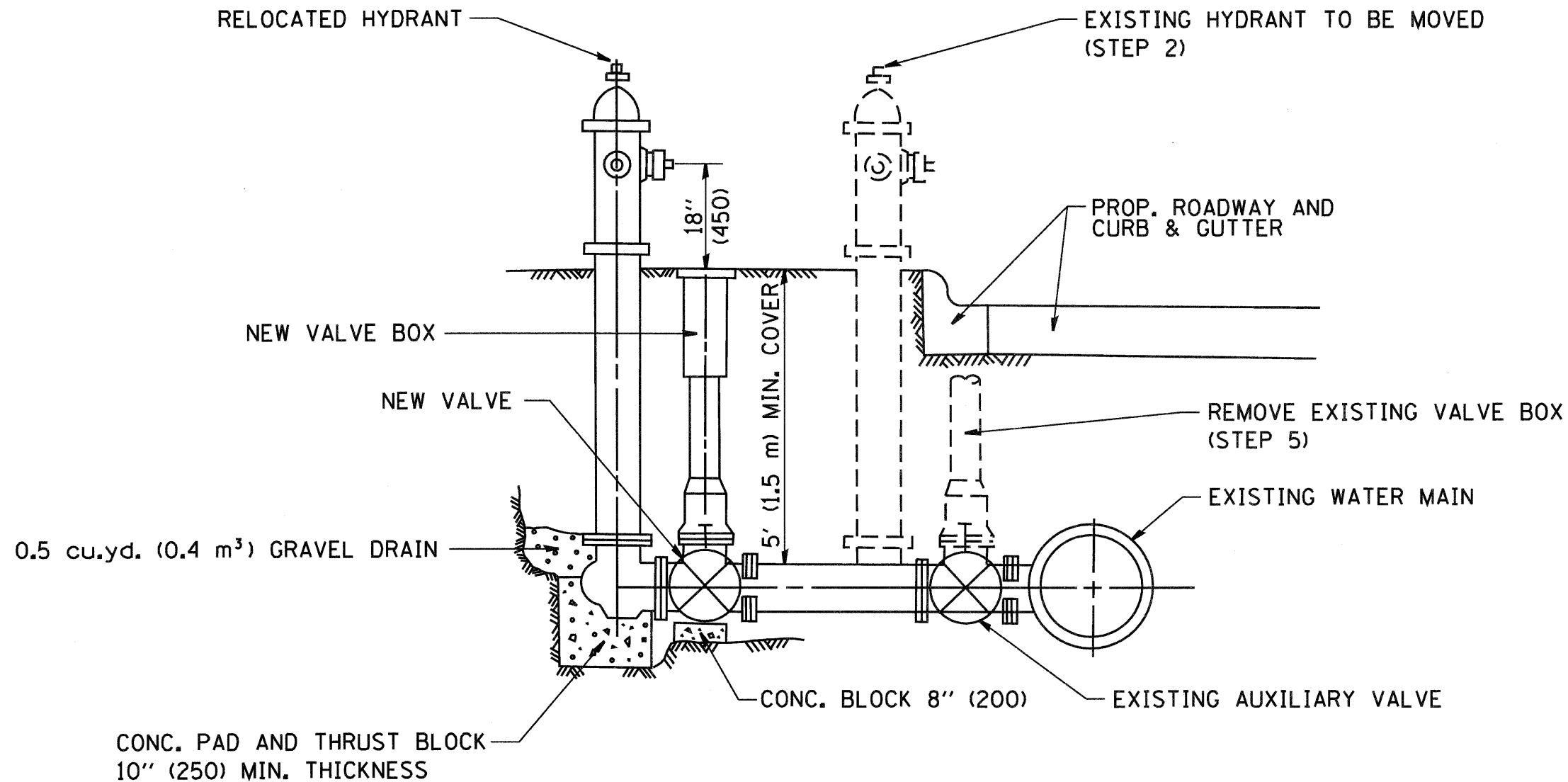
THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

SCALE: VERT. NONE
HORIZ. NONE
PLOT DATE: 1/18/2007

DRAWN BY
CHECKED BY

BD400-05 (VI=BD32)
REVISION DATE: 01/01/07

CONTRACT NO.				
F.A.P. RYE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	185
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62537				



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. SHAH	09/09/94
R. SHAH	10/25/94

ILLINOIS DEPARTMENT OF TRANSPORTATION

FIRE HYDRANT TO BE MOVED

SCALE: VERT. 1"=10'
HORIZ. 1"=10'
DATE: 1/18/2007

DRAWN BY
CHECKED BY

BD500-03 (BD-36)

REVISION DATE: 10/25/94

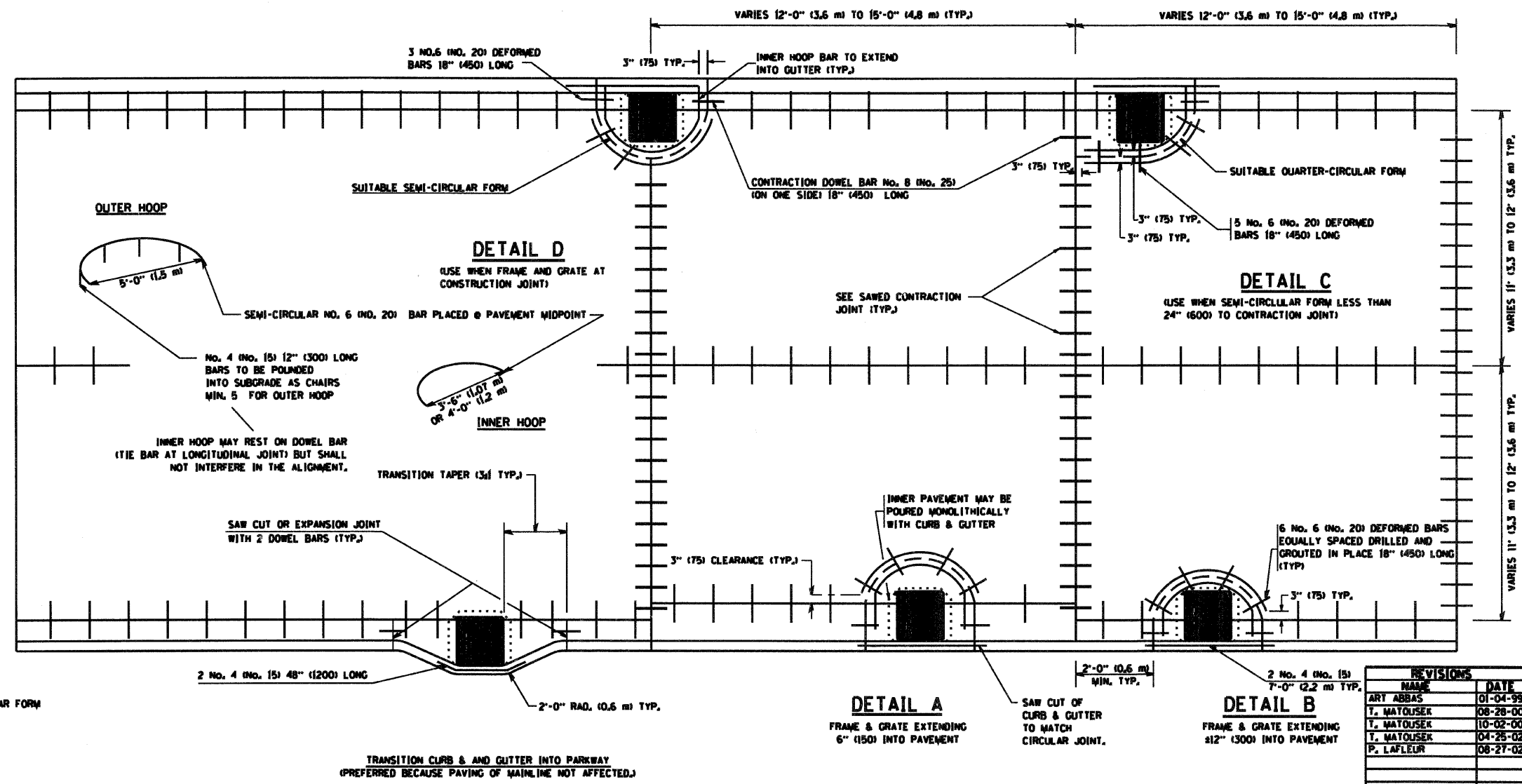
PLOT DATE: 1/18/2007
FILE NAME: I:\Projects\2007\112R-N\112R-N.dwg
PLOT SCALE: 1/8"=1'-0"
PLOT DATE: 1/18/2007

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3'-6" (1.1 m)	4'-0" (1.2 m)	5'-0" (1.5 m)
> 8" (200) TO 14" (360)	4'-0" (1.2 m)	4'-6" (1.4 m)	5'-0" (1.5 m)

DESIGNER NOTE:
THIS DETAIL IS TO BE USED WHEN THE GUTTER FLAG IS LESS THAN 24"

NOTES:

1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT, EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.



LEGEND:
 CASTING
 --- SUITABLE SEMI-CIRCULAR FORM

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

ILLINOIS DEPARTMENT OF TRANSPORTATION
PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER

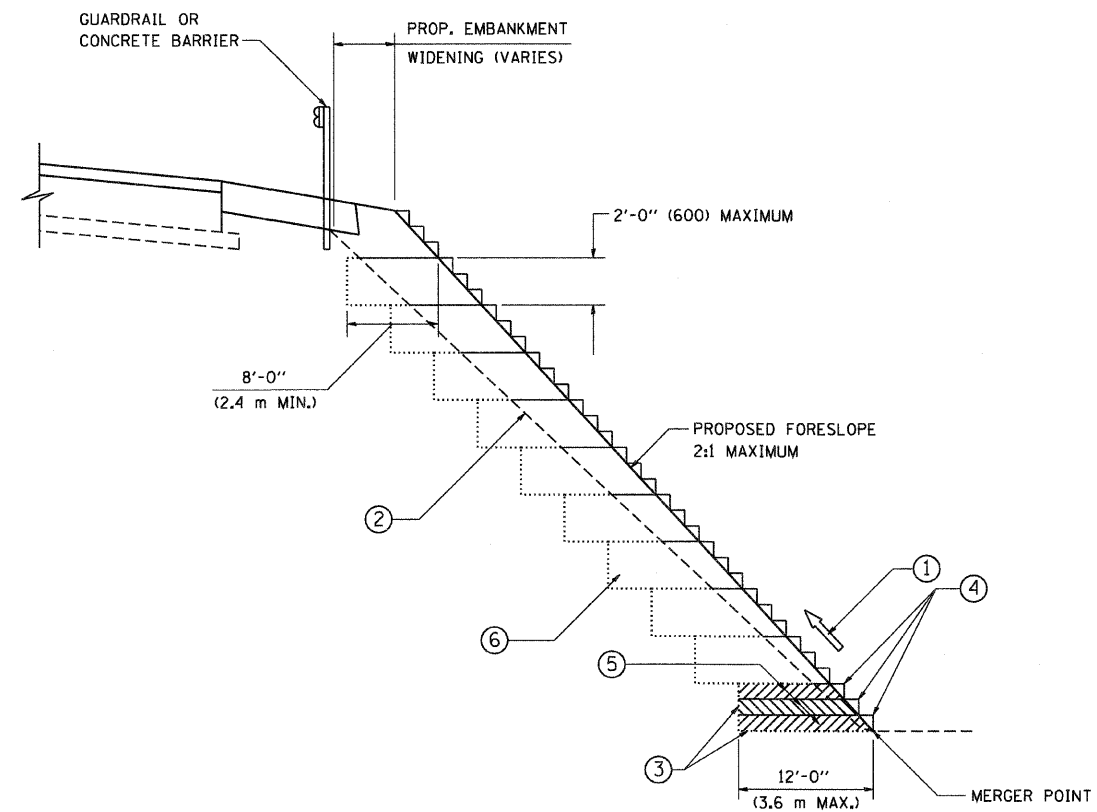
REVISIONS	
NAME	DATE
ART ABBAS	01-04-99
T. MATOUSEK	06-28-00
T. MATOUSEK	10-02-00
T. MATOUSEK	04-25-02
P. LAFLEUR	08-27-02

SCALE: VERT. 1"=1'-0"
 HORIZ. 1"=10'-0"
 DATE: 1/19/2007

DRAWN BY
 CHECKED BY

PLOT DATE: 1/19/2007
 FILE NAME: I:\Projects\62537\Drawings\112R-N\112R-N-186.dwg
 USER: J. LAFLEUR
 PLOT NAME: 112R-N-186.dwg

CONTRACT NO.				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	187
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62537				



TYPICAL BENCHING DETAIL
FOR EMBANKMENT

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

*PAID FOR AS EITHER "EARTH EXCAVATION" OR "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL"

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
	06/16/04

ILLINOIS DEPARTMENT OF TRANSPORTATION

BENCHING DETAIL
FOR EMBANKMENT
WIDENING

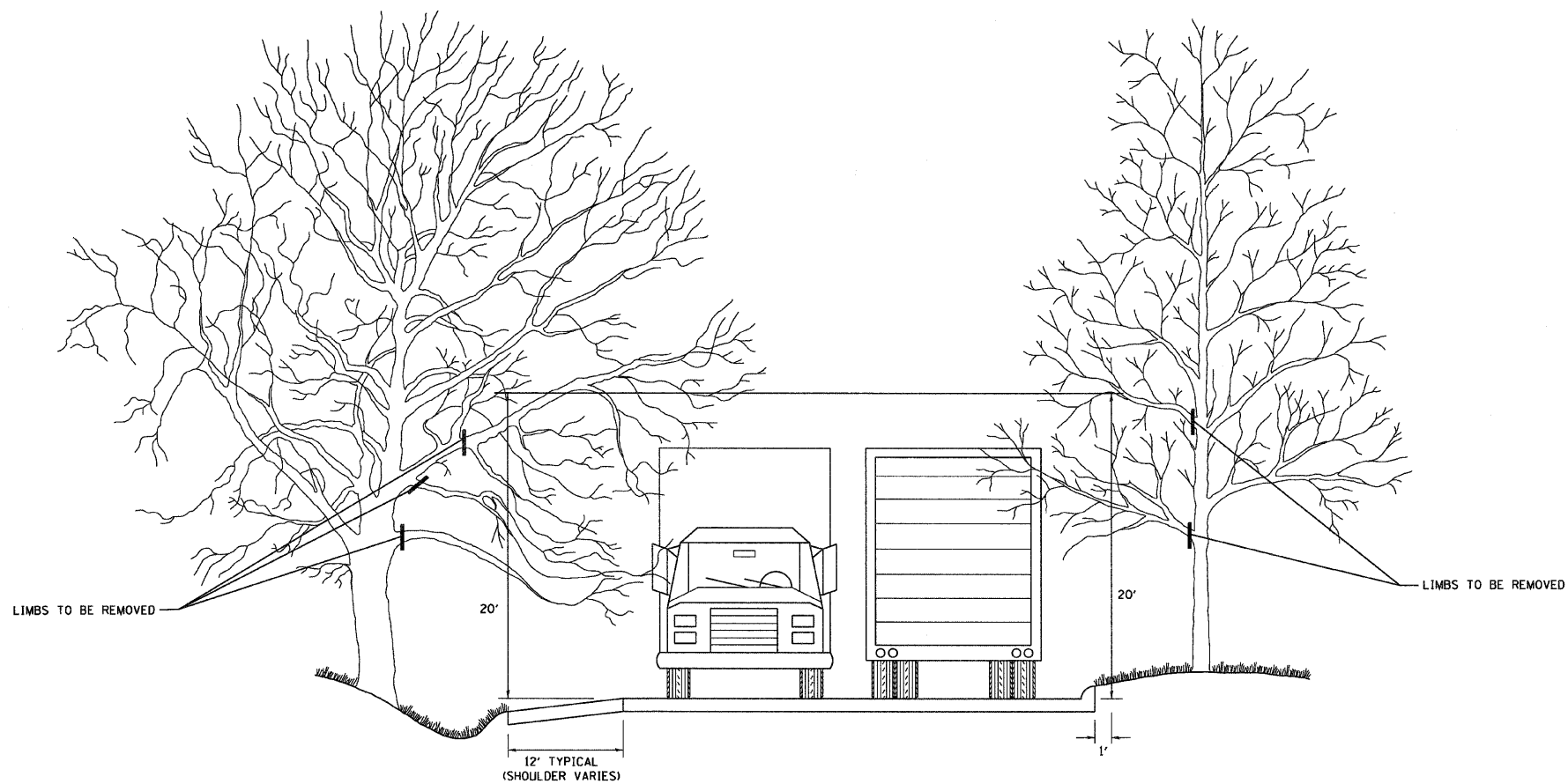
SCALE: VERT. NONE
HORIZ.

DRAWN BY: CADD
CHECKED BY: S.E.B.

BD-51

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	188

STA.	TO STA.
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT
CONTRACT NO. 62537	



REVISIONS	
NAME	DATE
RT BORO	10/31/06

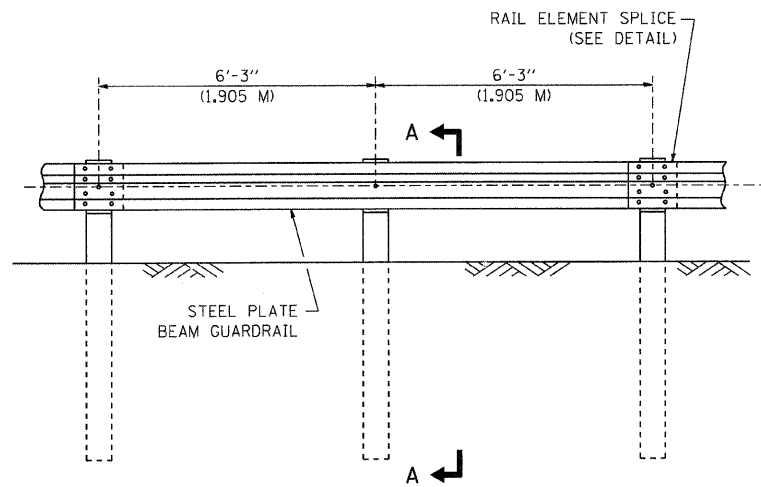
ILLINOIS DEPARTMENT OF TRANSPORTATION
PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE

SCALE: NONE
 DATE: 11/14/2006

DRAWN BY CADD
 CHECKED BY
 BM-20

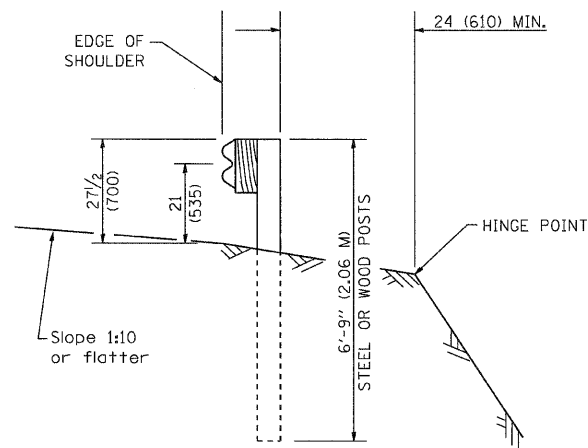
REVISION DATE: 10/31/06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	189
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62537				

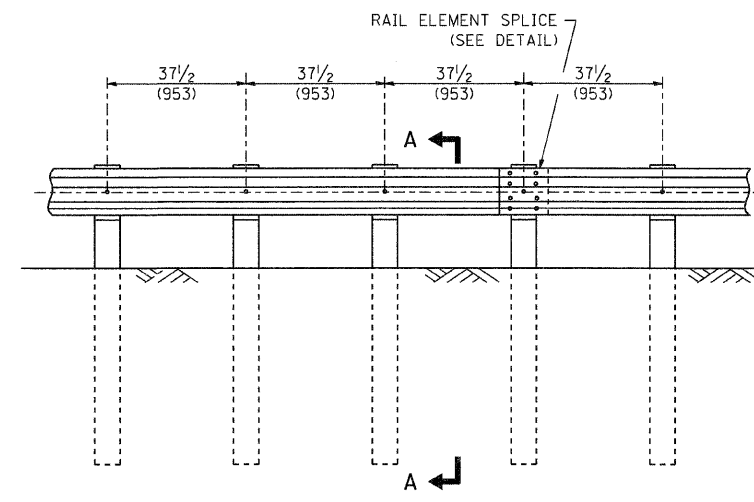


TYPE A

6'-3" (1.905 M) TYPICAL POST SPACING

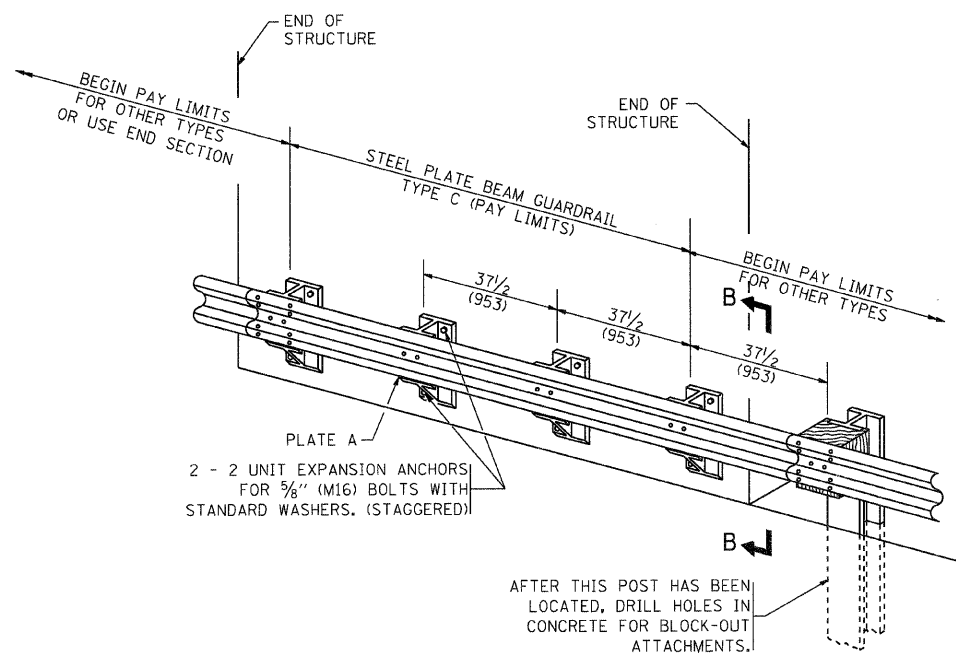


SECTION A-A



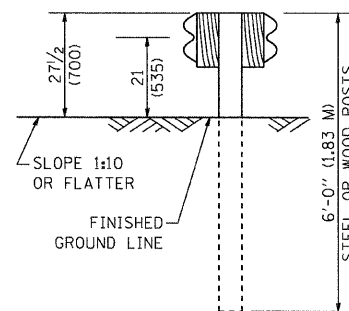
TYPE A

37 1/2 (953) CLOSED POST SPACING

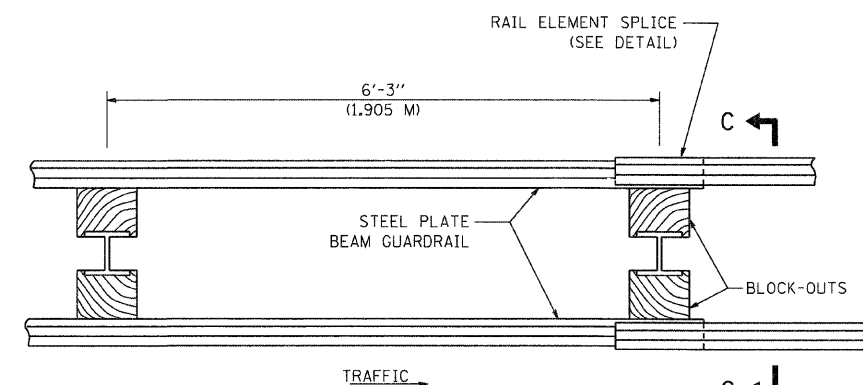


TYPE C

37 1/2 (953) BLOCK-OUT SPACING

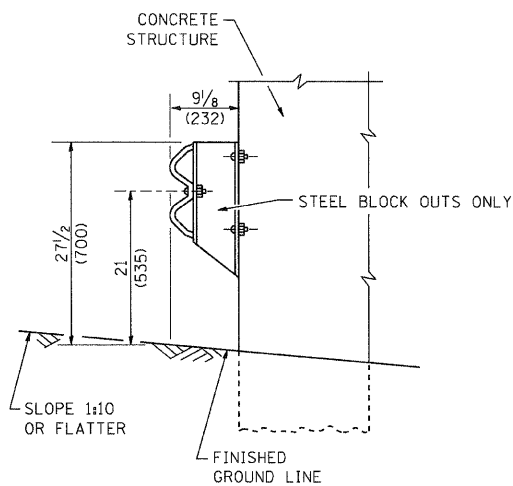


SECTION C-C



TYPE D

DOUBLE STEEL PLATE BEAM GUARDRAIL
6'-3" (1.905 M) TYPICAL POST SPACING



SECTION B-B

GENERAL NOTES

ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

THE EXISTING STEEL POSTS MAY BE DRILLED TO MATCH THE BOLT PATTERN SHOWN HEREIN FOR THE WOOD BLOCK-OUT, OR A NEW STEEL POST SHALL BE PROVIDED.

THIS DETAIL IS APPLICABLE TO THE GUARDRAIL SYSTEM USED PRIOR TO JANUARY 1, 2007. FOR DETAILS ON THE MIDWEST GUARDRAIL SYSTEM, SEE STANDARD 630001.

REVISIONS	
NAME	DATE

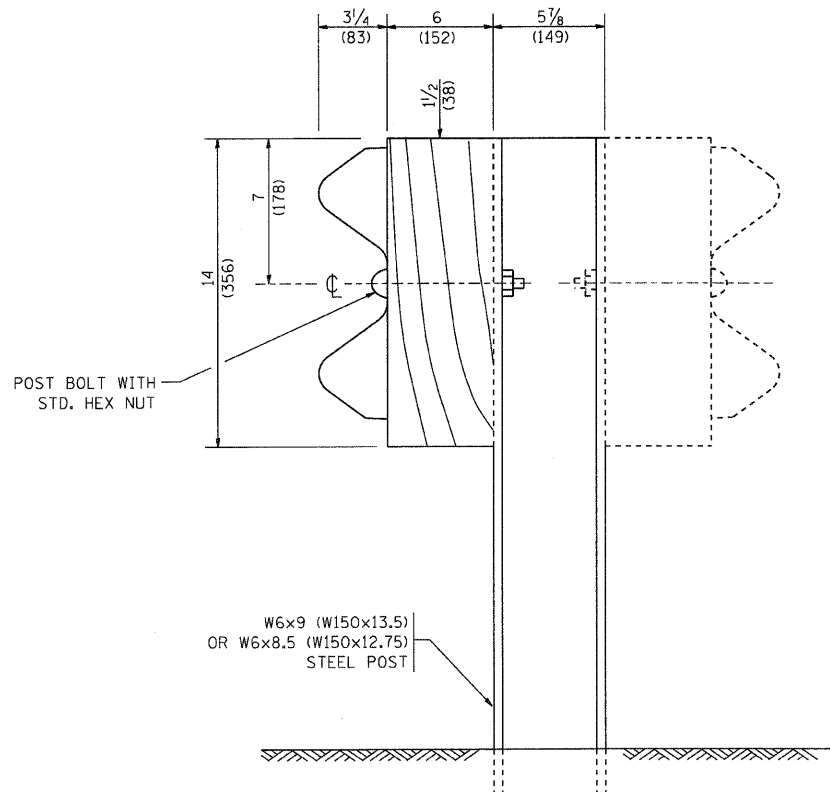
ILLINOIS DEPARTMENT OF TRANSPORTATION

**REMOVE AND REERECT
STEEL PLATE BEAM GUARDRAIL
(SHEET 1 OF 4)**

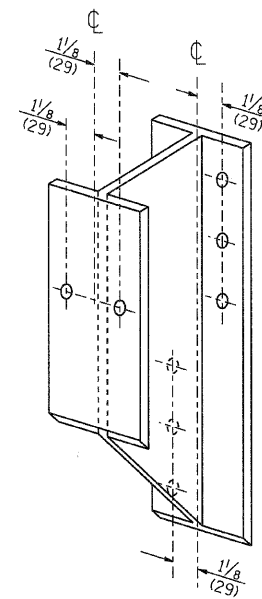
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DATE: 2/27/2007

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CHECKED BY

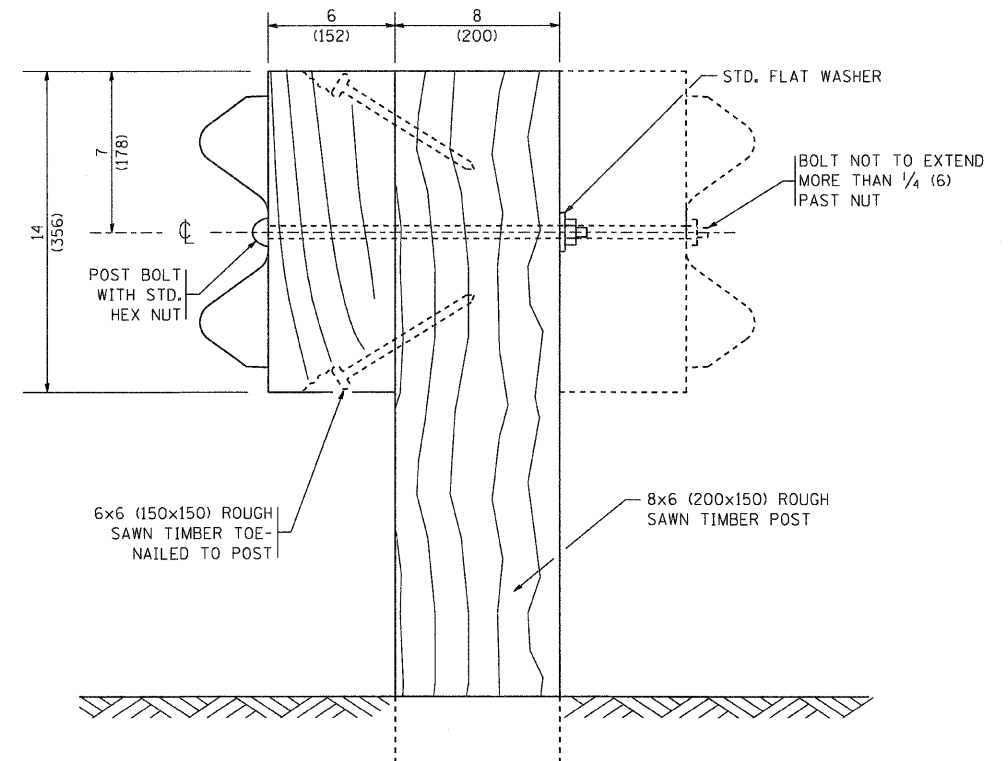
CONTRACT NO.				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	190
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62537				



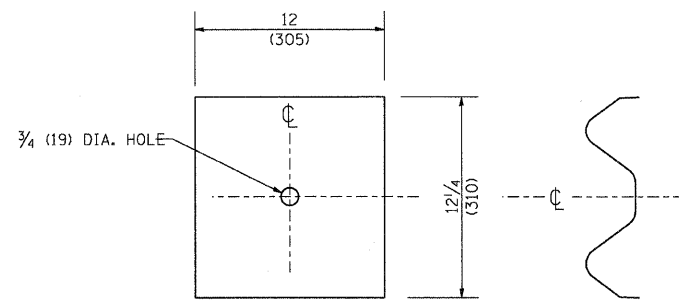
STEEL POST CONSTRUCTION



STEEL BLOCK-OUT DETAIL



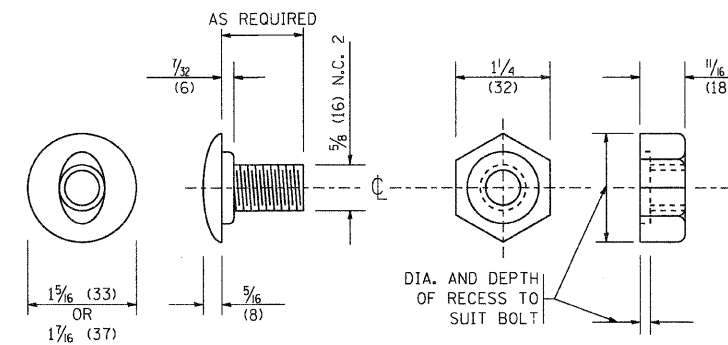
WOOD POST CONSTRUCTION



NOTE:

PLATE A SHALL BE PLACED BETWEEN RAIL ELEMENT AND BLOCK-OUT AT NON-SPLICE MOUNTING POINTS ONLY WHEN STEEL BLOCK-OUTS ARE USED.

PLATE A



POST OR SPLICE BOLT & NUT

PLOT DATE: 2/27/2007
 FILE NAME: K:\data\11m21.dgn
 USER: NAME / IN.
 USER: NAME / IN.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

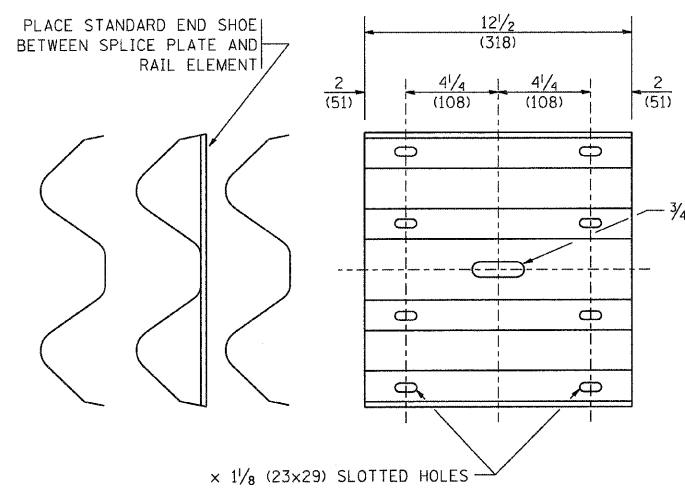
REMOVE AND REERECT
 STEEL PLATE BEAM GUARDRAIL
 (SHEET 2 OF 4)

SCALE: NONE
 DATE: 2/27/2007

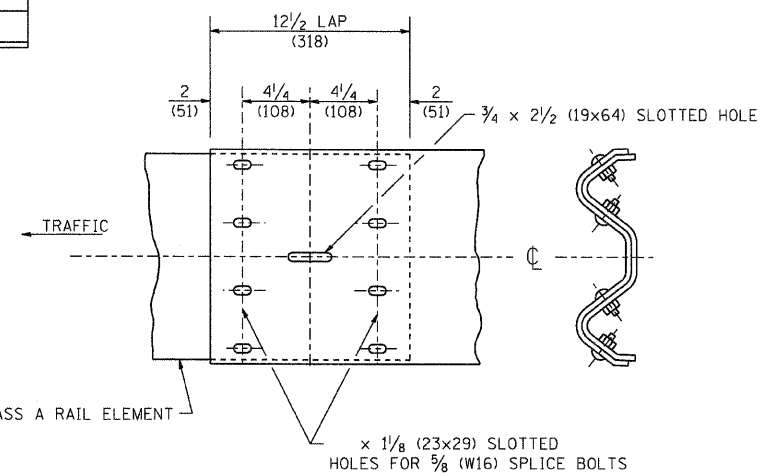
DRAWN BY
 CHECKED BY

BM-21

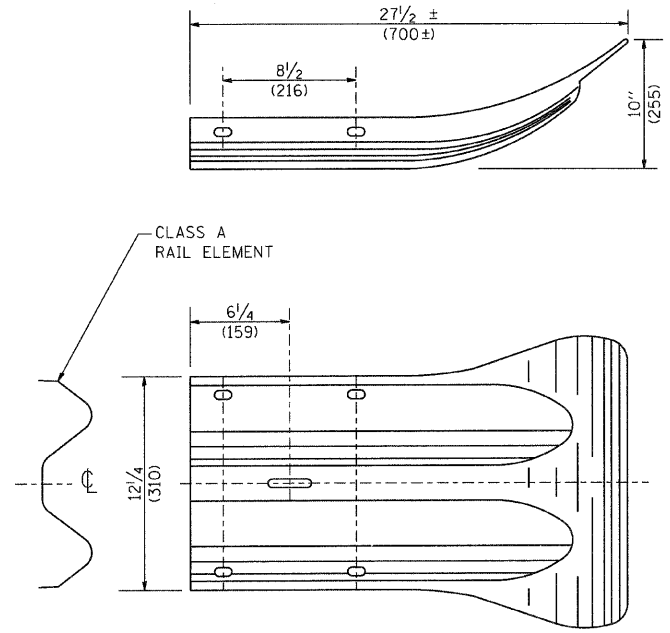
REVISION DATE: 01/31/07



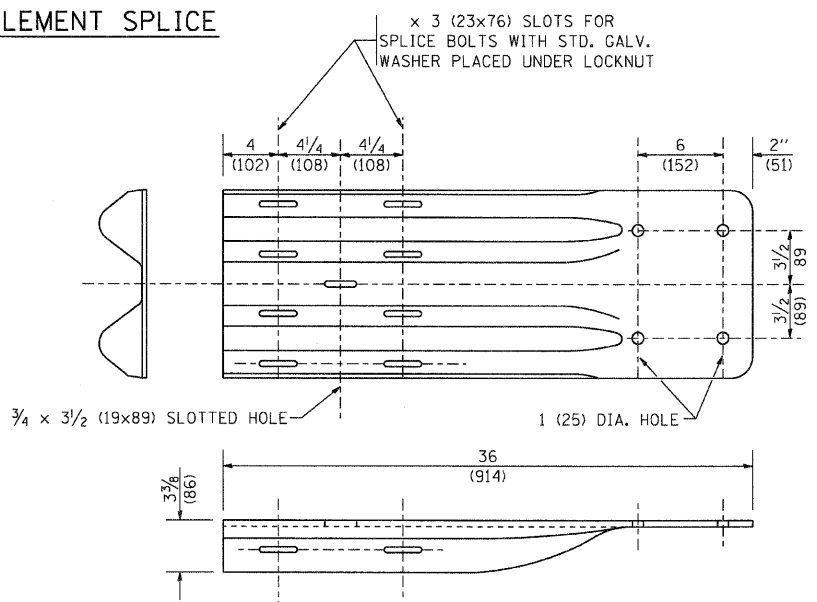
SPLICE PLATE



RAIL ELEMENT SPLICE



END SECTION



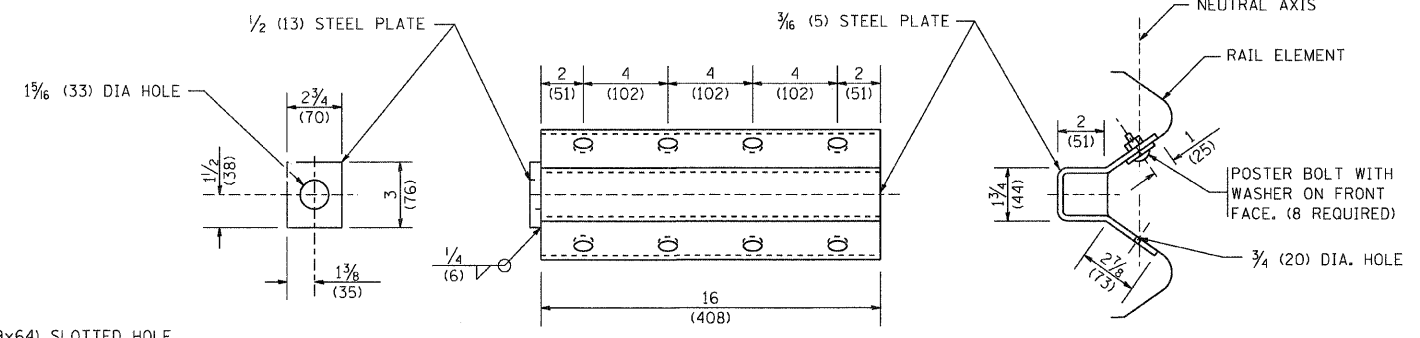
NOTE:

WHEN END SHOE IS ATTACHED TO A BRIDGE PARAPET WHICH HAS AN EXPANSION JOINT, THE BOLTS SHALL BE PROVIDED WITH A LOCKNUT OR DOUBLE NUT AND SHALL BE TIGHTENED ONLY TO A POINT THAT WILL ALLOW GUARDRAIL MOVEMENT.

THE STANDARD END SHOE SHALL BE ATTACHED TO THE CONCRETE WITH PRE-DRILLED OR SELF-DRILLING ANCHOR BOLTS. THE ANCHOR CONE SHALL BE SET FLUSH WITH THE SURFACE OF THE CONCRETE.

EXTERNALLY THREADED STUDS PROTRUDING FROM THE SURFACE OF THE CONCRETE WILL NOT BE PERMITTED.

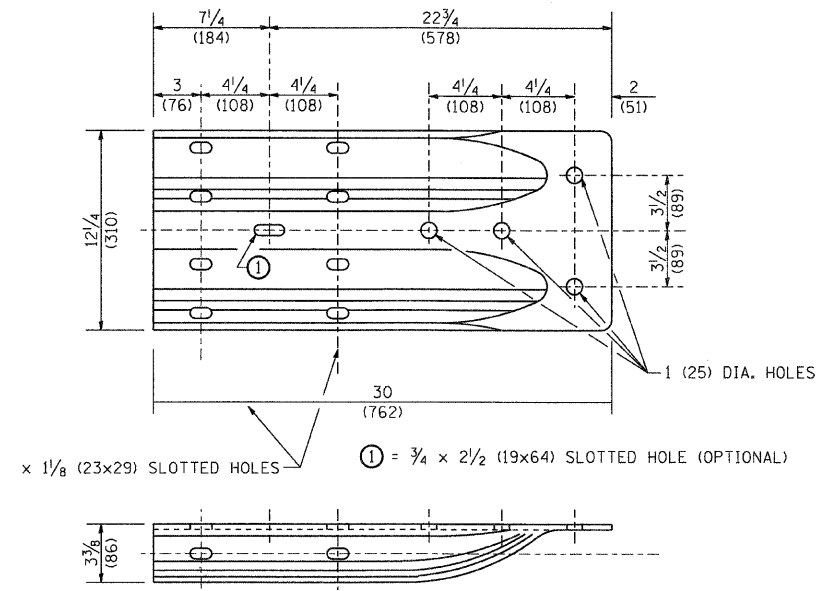
END SHOE



NOTE:

ANCHOR PLATE T SHALL BE USED TO ATTACH CABLE ASSEMBLY TO GUARDRAIL WHEN REQUIRED ON TRAFFIC BARRIER TERMINALS.

ANCHORE PLATE T DETAILS



ALTERNATE END SHOE

PLOT DATE = 2/27/2007
 FILE NAME = K:\Users\jmc\Documents\Drawings\112R-N\112R-N-191.dwg
 USER NAME = jmc

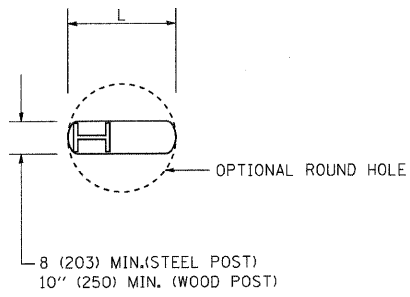
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

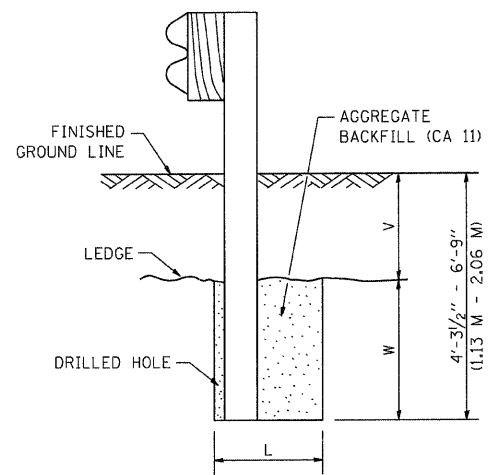
REMOVE AND REERECT
 STEEL PLATE BEAM GUARDRAIL
 (SHEET 3 OF 4)

SCALE: NONE
 DATE: 2/27/2007

DRAWN BY
 CHECKED BY



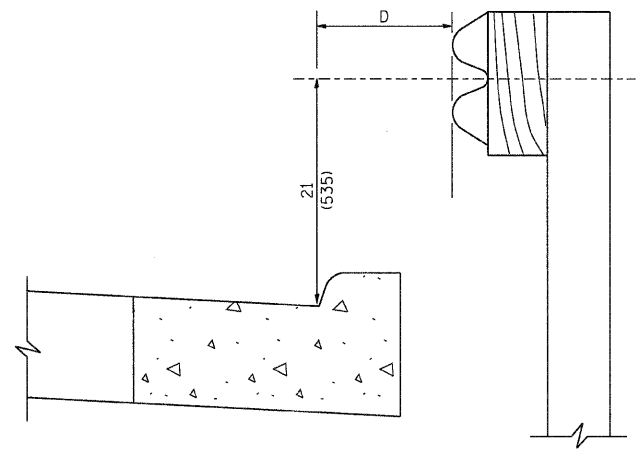
PLAN



NOTE:
LEDGE LINE IS TOP OF ROCK LEDGE OR HARD SLAG FILL.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

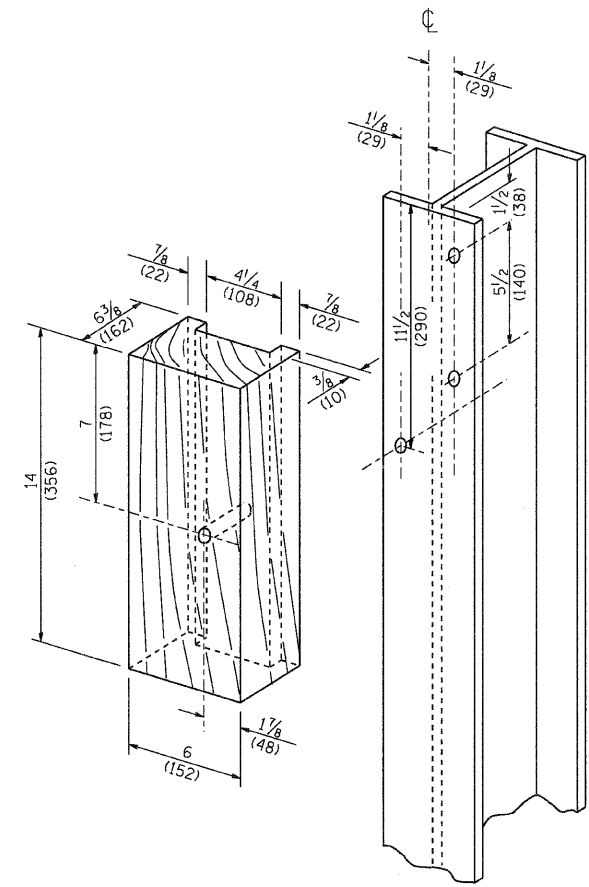


NOTE:
IF IT IS NECESSARY FOR D TO BE MORE THAN 12 (300) AND LESS THAN 10'-0" (3.0 M) TYPE M-2 (M-5) CURB AND GUTTER (STD. 606001) SHALL BE USED IN FRONT OF AND IN ADVANCE OF THE GUARDRAIL.

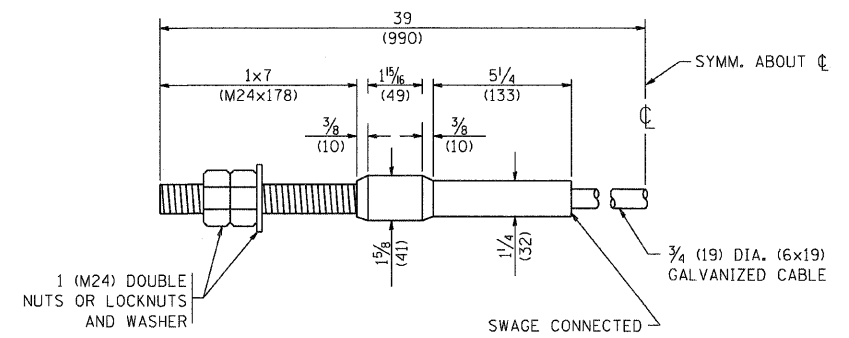
GUARDRAIL PLACED BEHIND CURB

(D = 0 DESIRABLE TO 12 (300) MAXIMUM)

V	W	L	
		STEEL POST	WOOD POST
0 - 18 (0 - 460)	24 (610)	21 (530)	23 (580)
>18 - 41.5 (> 460 - 825)	12 (305)	8 (203)	10 (250)
>41.5 - 53.5 (> 825 - 1.13 M)	12 - 0 (350 - 0)	8 (203)	10 (250)



WOOD BLOCK-OUT AND STEEL POST DETAILS



CABLE ASSEMBLY

(40,000 LBS (18,100 KG) MIN. BREAKING STRENGTH)
TIGHTEN TO TAUT TENSION

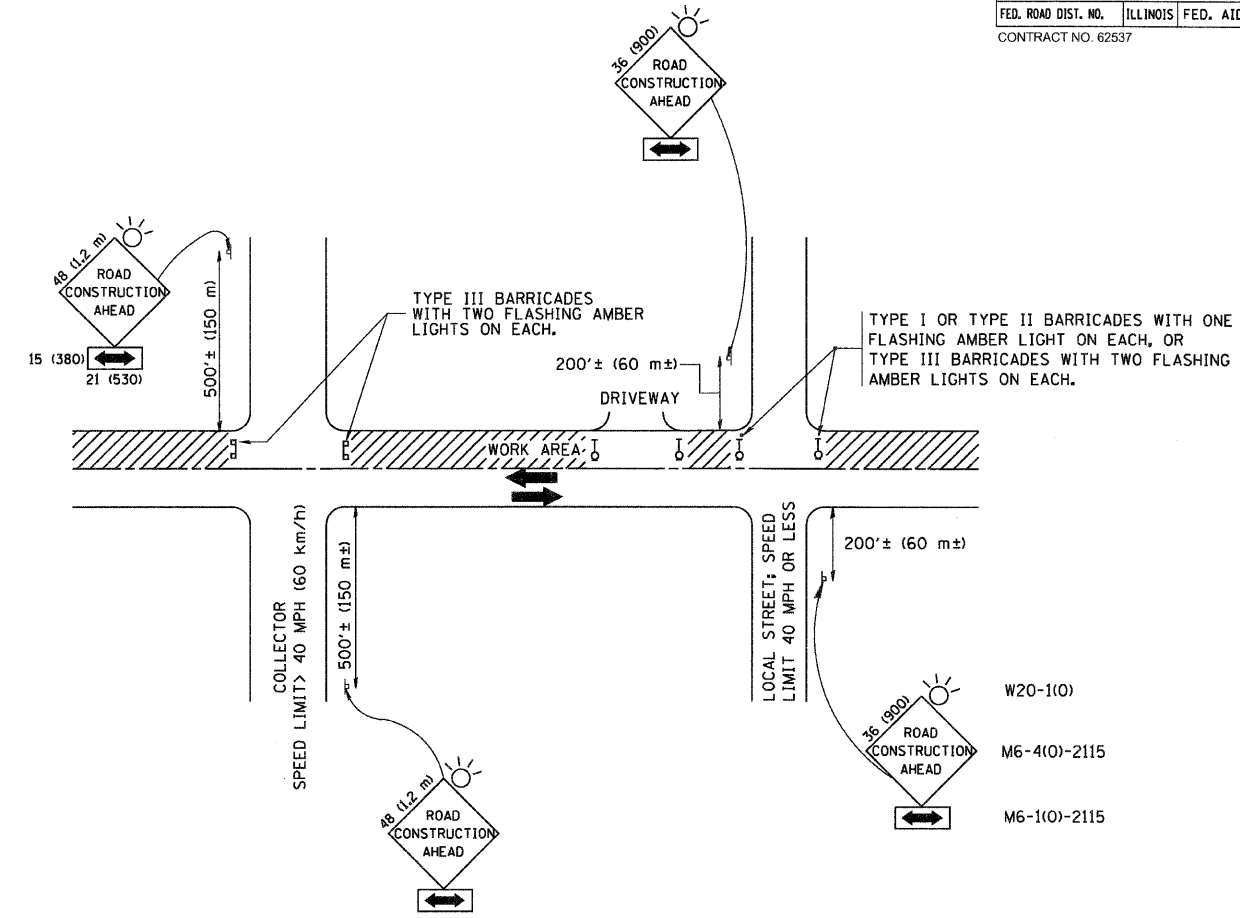
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL (SHEET 4 OF 4)
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DATE: 2/27/2007		CHECKED BY

PLOT DATE = 2/27/2007
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USER NAME = jay
PAGE = 1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	193

STA.	TO STA.
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
CONTRACT NO. 62537



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

NOTES:

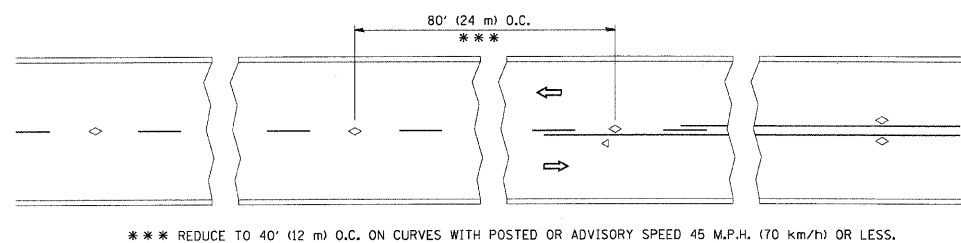
- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - c) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - d) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - c) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - d) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

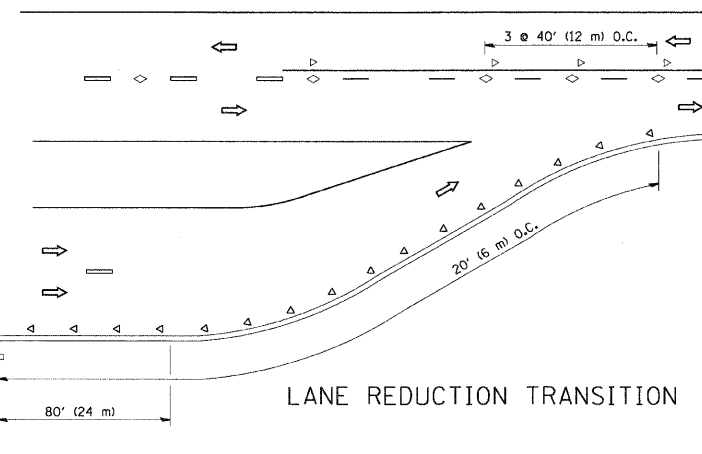
REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND PROTECTION
FOR
SIDE ROADS, INTERSECTIONS, AND
DRIVEWAYS

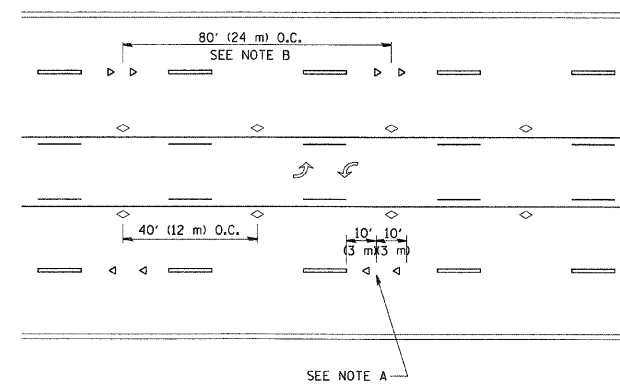
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DATE: 1/17/2007 CHECKED BY
TC-10
REVISION DATE: 01/06/00



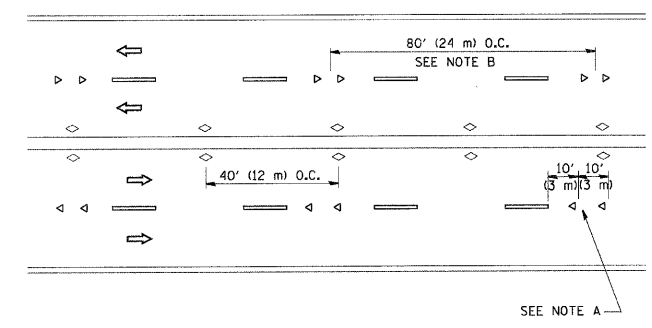
TWO-LANE/TWO-WAY



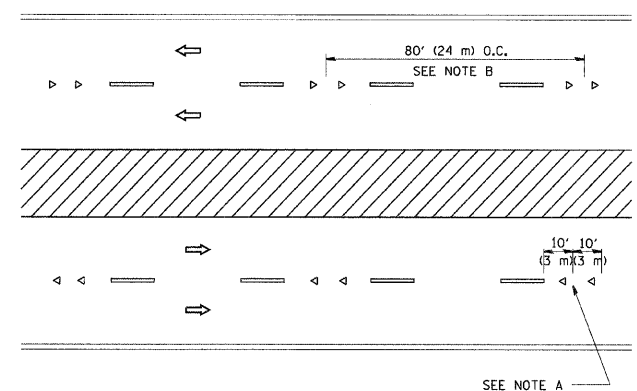
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◊ TWO-WAY AMBER MARKER

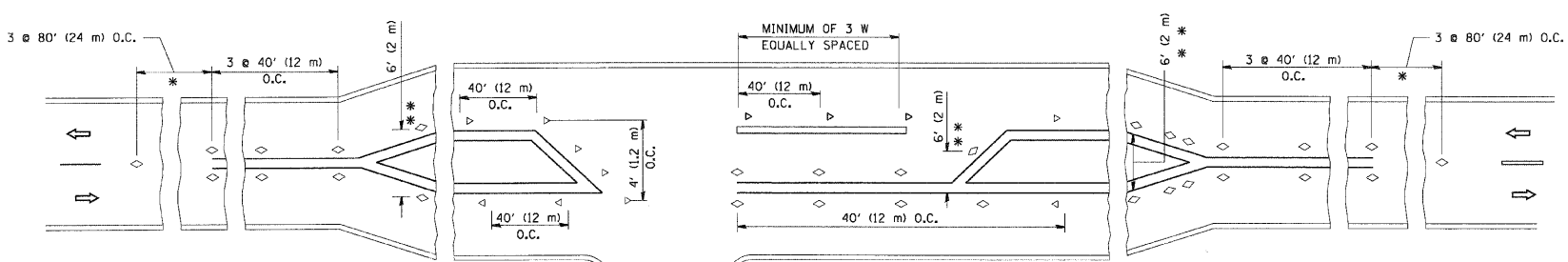
LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

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



LEFT TURN

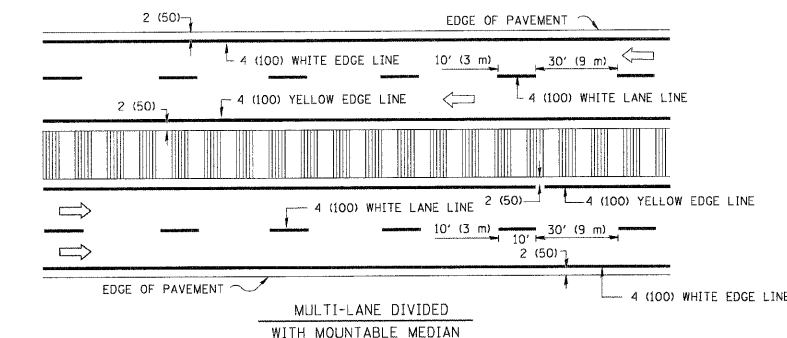
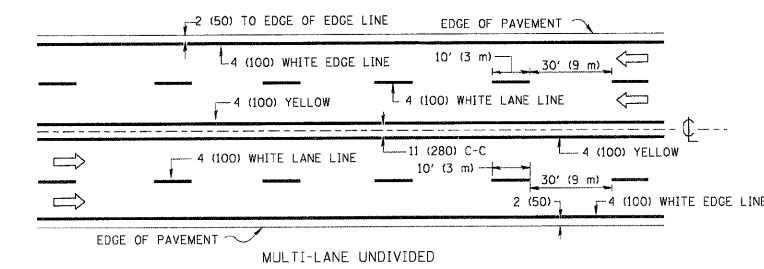
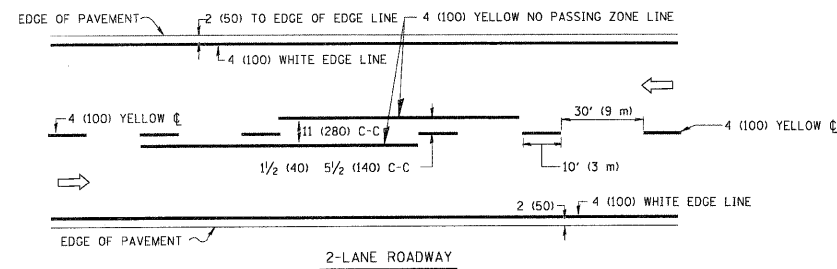
- * SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
- ** WHERE THE MEDIAN WIDTH IS 6' (1.2 m) OR LESS USE TWO-WAY MARKERS.

REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00
C. JUCIUS	09-09-09

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT
MARKERS (SNOW-PLOW RESISTANT)

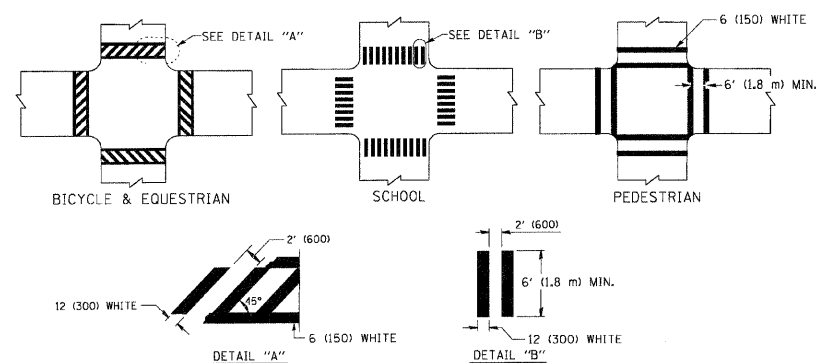
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DRAWN BY CADD
CHECKED BY
TC-11

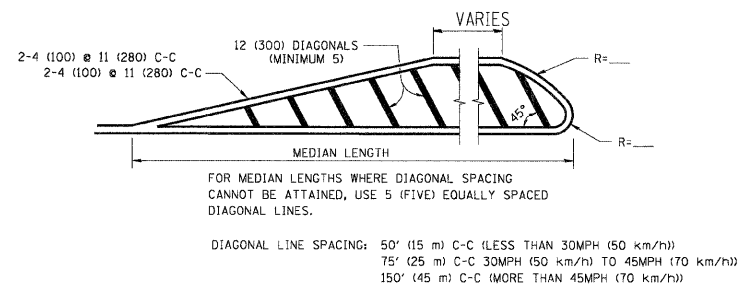
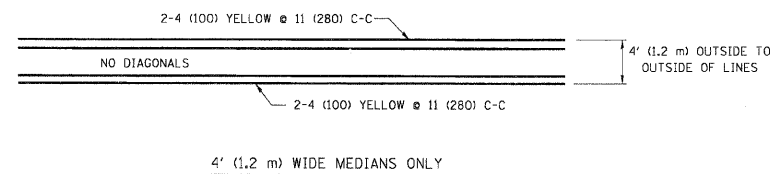


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

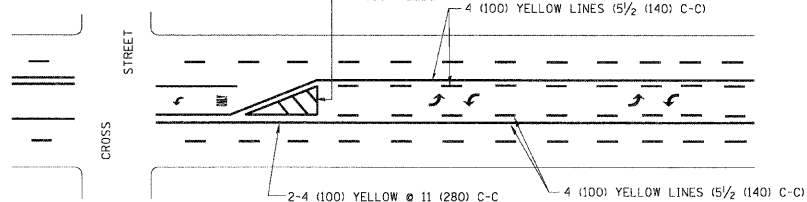
TYPICAL LANE AND EDGE LINE MARKING



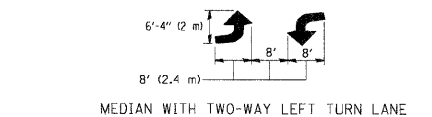
TYPICAL CROSSWALK MARKING



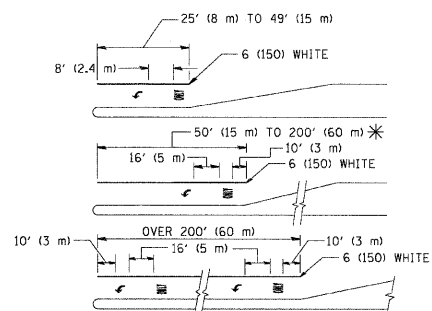
MEDIANS OVER 4' (1.2 m) WIDE



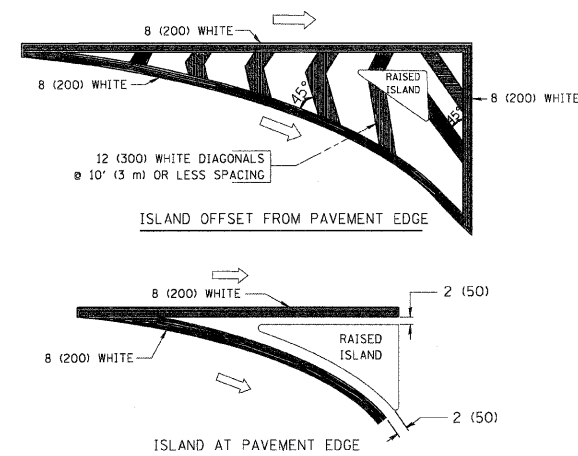
TYPICAL PAINTED MEDIAN MARKING



TYPICAL LEFT (OR RIGHT) TURN LANE



TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2' (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2' (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW TWO WAY TRAFFIC WHITE ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 @ (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
C. JUCIUS	09-09-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT
MARKINGS

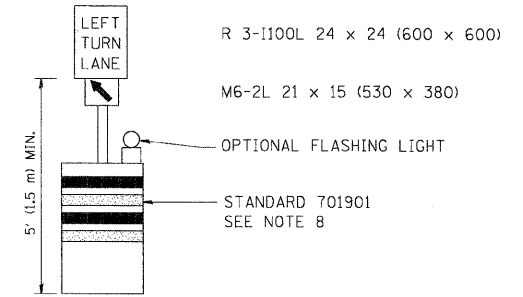
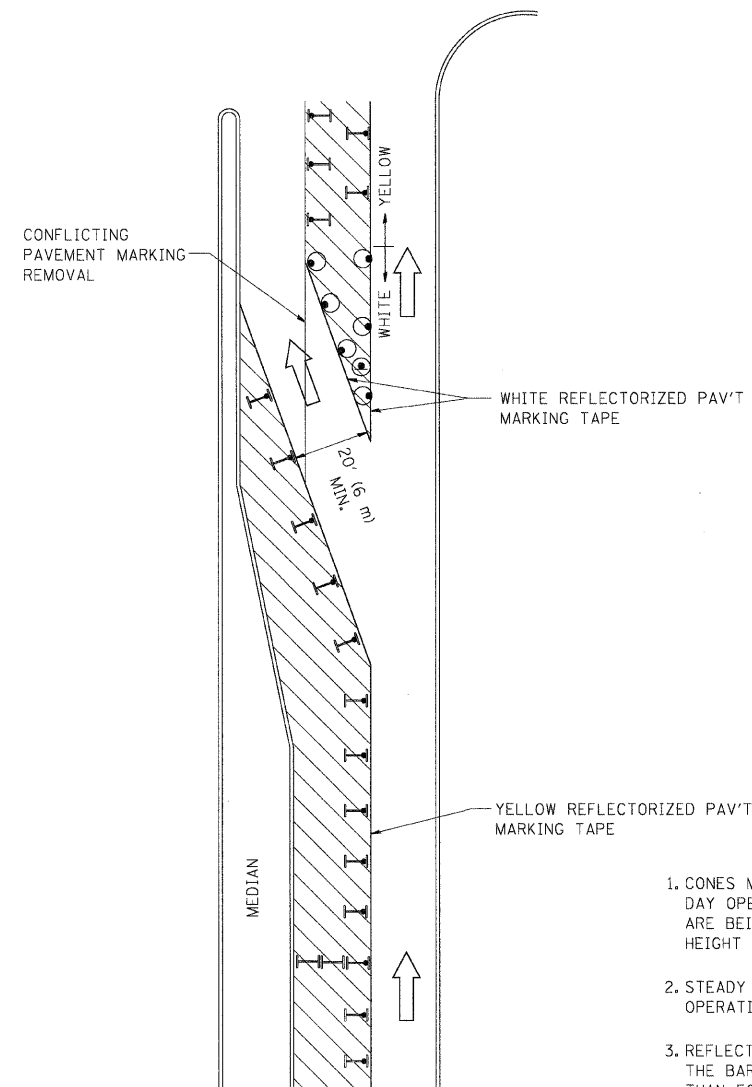
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CHECKED BY

TC-13

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	196
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62537				

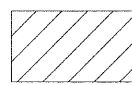







GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

REVISIONS	
NAME	DATE
T. RAMMACHER	09/08/94
A. HOUSEH	11/07/95
A. HOUSEH	10/12/96
T. RAMMACHER	01/06/00
R. BORO	09/14/09

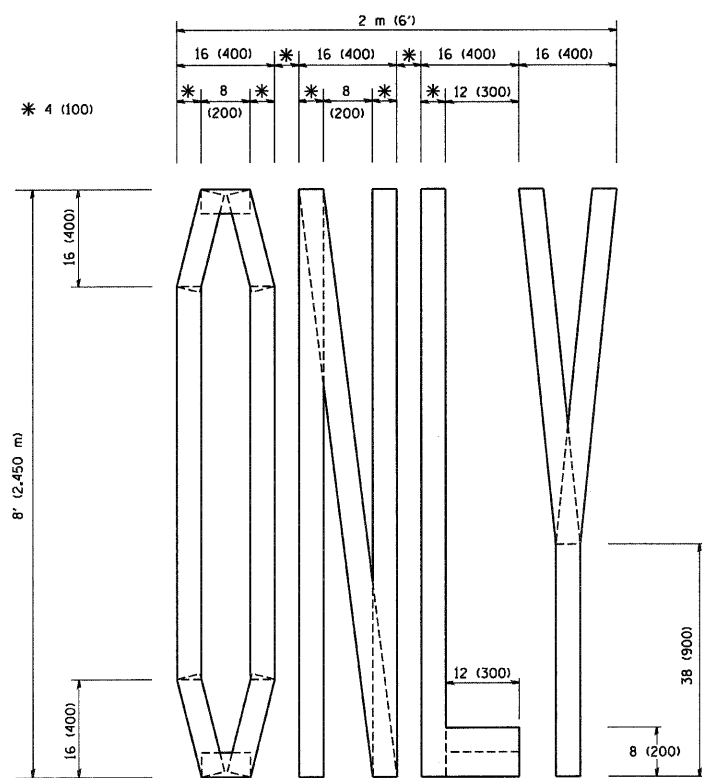
ILLINOIS DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL AND PROTECTION
 AT TURN BAYS
 (TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE

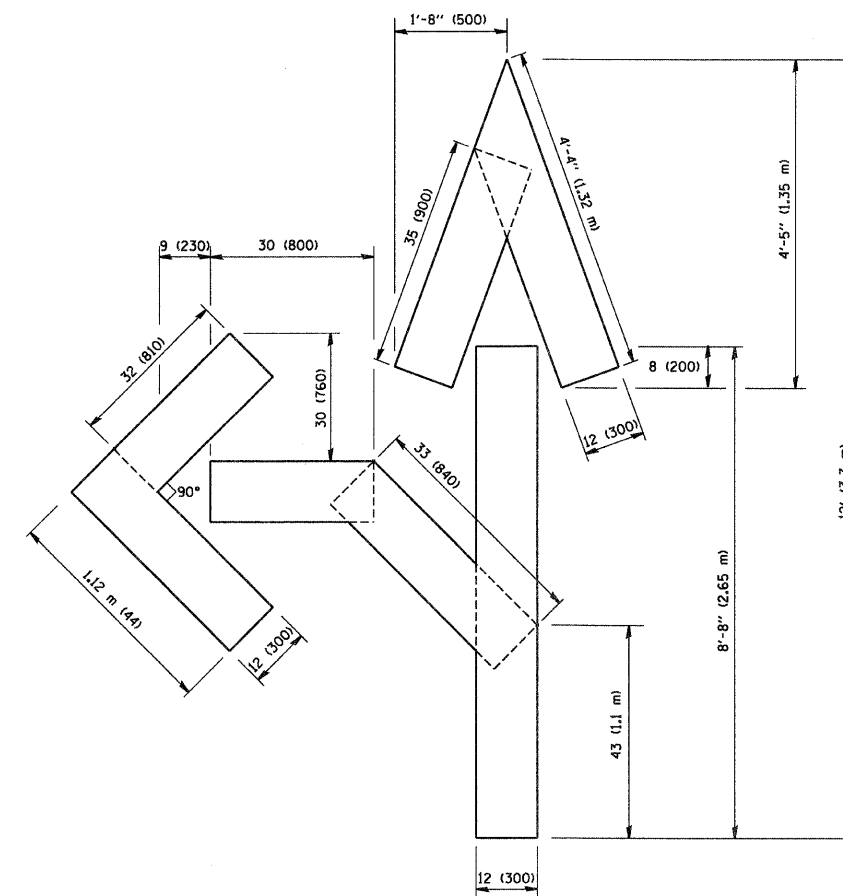
DRAWN BY
 CHECKED BY LHA
 TC-14

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	197

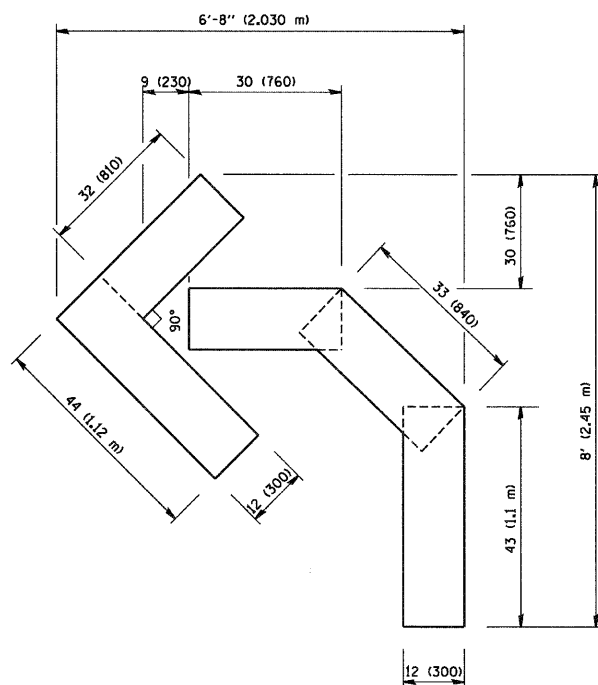
STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
CONTRACT NO. 62537	



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/98
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	08/28/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

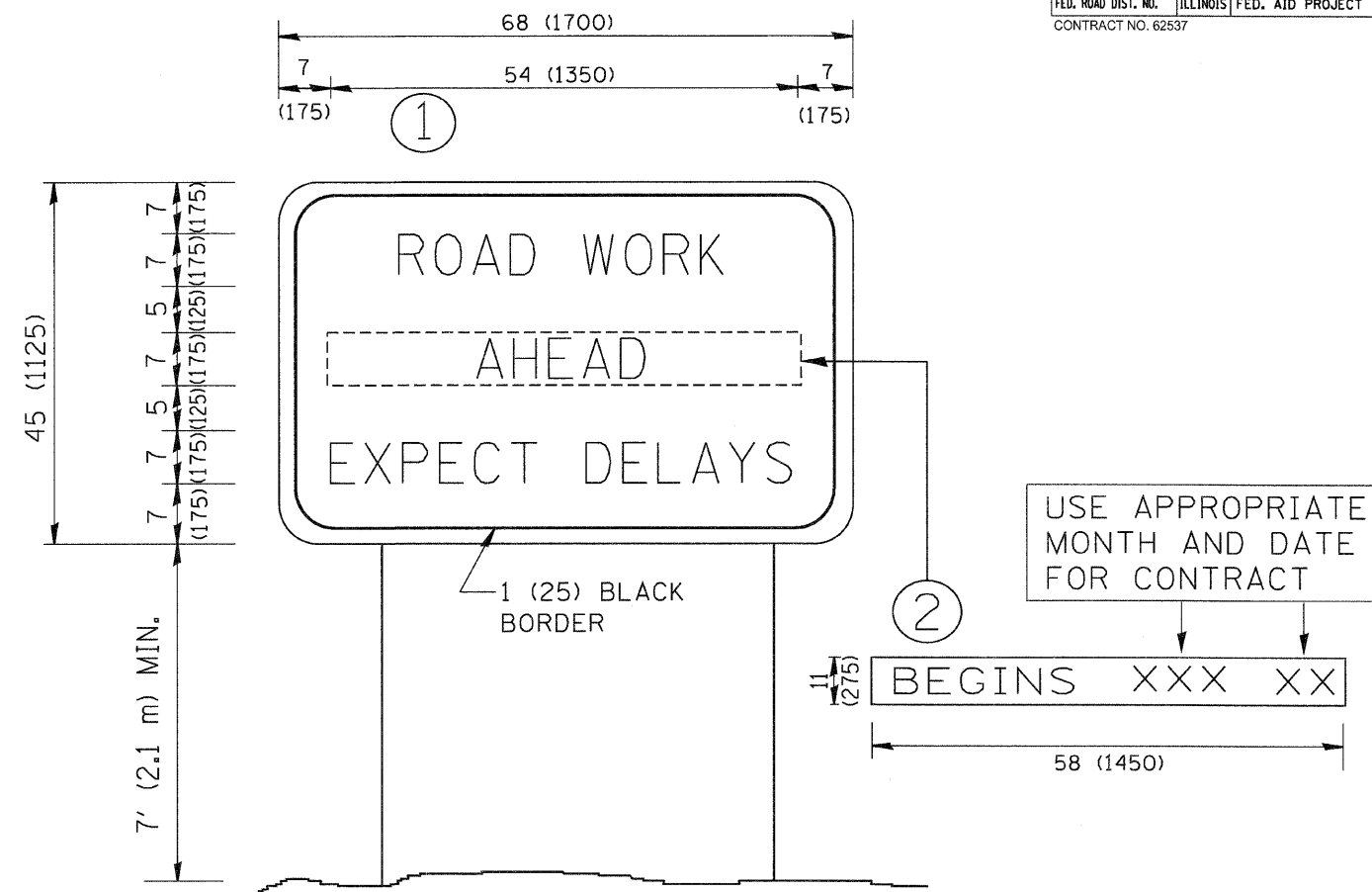
PAVEMENT MARKING
 LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

SCALE: NONE
 DATE: 1/17/2007

DRAWN BY CADD
 CHECKED BY
 TC-16

REVISION DATE: 08/28/00

CONTRACT NO.				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	198
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62537				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. MIRS	9-15-97
R. MIRS	12-11-97
T. RAMMACHER	2-2-99
C. JUCIUS	1-31-07

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ARTERIAL ROAD
 INFORMATION SIGN**

SCALE: NONE

DRAWN BY DESIGN

CHECKED BY

TC22



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME = W:\diststd\22x34\to26.dgn	USER NAME = gogliobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
		DRAWN -	REVISED -
	PLOT SCALE = 50.000 / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

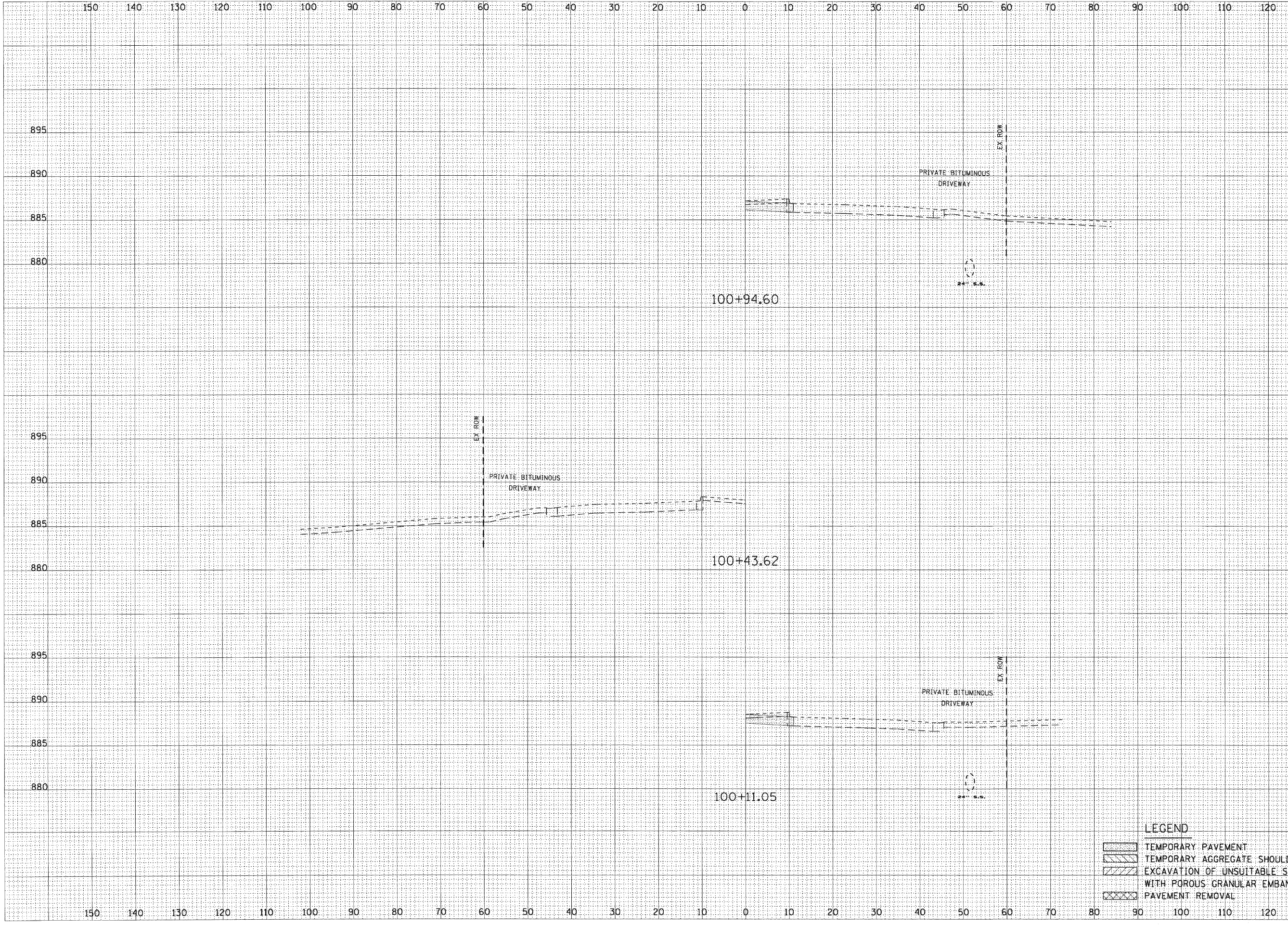
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
396	112 R-N	McHENRY	266	198A
TC-26			CONTRACT NO. 62537	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	200
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62537				



LEGEND

	TEMPORARY PAVEMENT
	TEMPORARY AGGREGATE SHOULDER
	EXCAVATION OF UNSUITABLE SOIL AND REPLACEMENT WITH POROUS GRANULAR EMBANKMENT, SUBGRADE
	PAVEMENT REMOVAL

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED