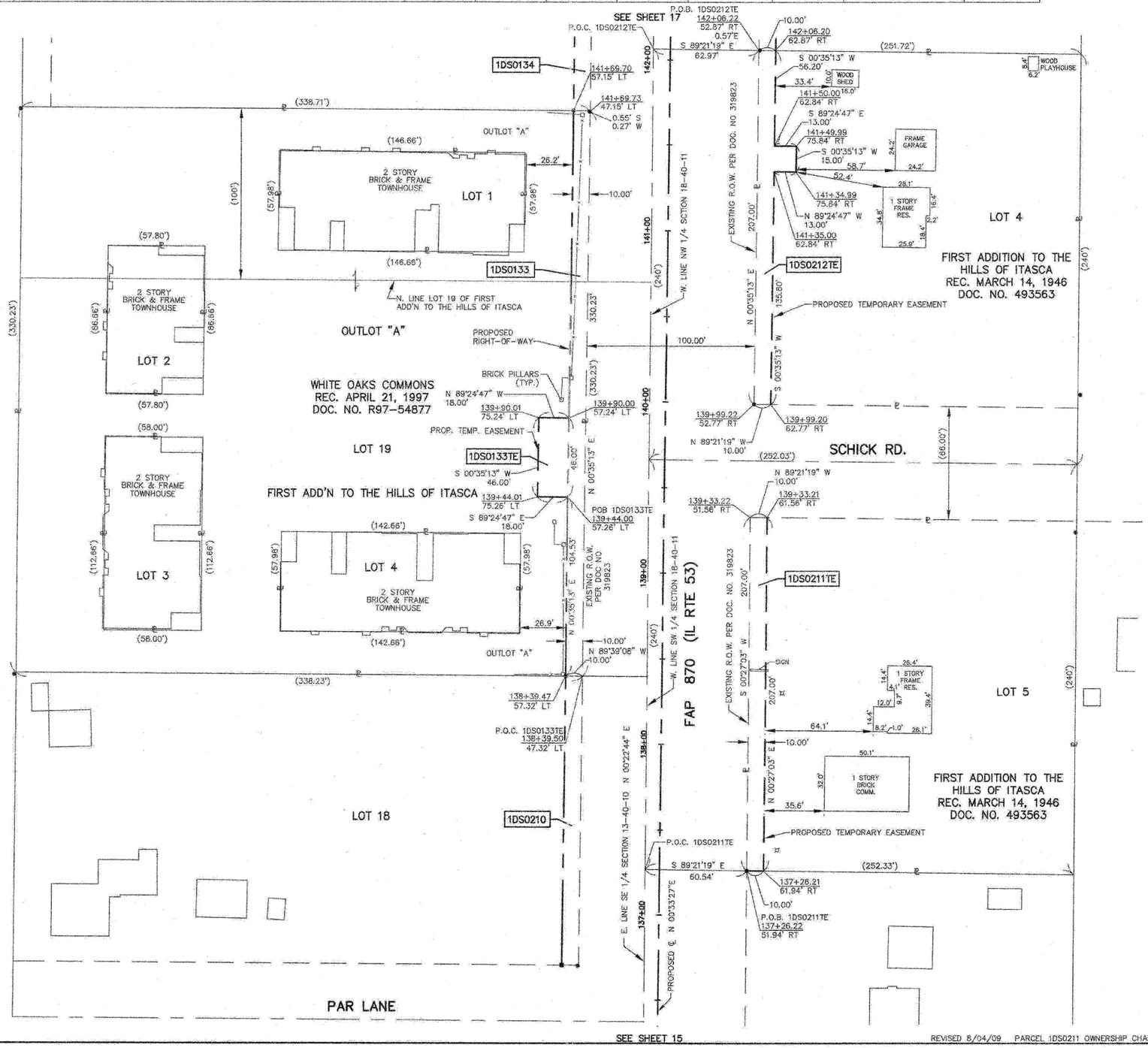
PART OF SECTION 13, TWP 40 NORTH, RANGE 10 EAST & PART OF SECTION 18, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0133	White Oaks Commons Townhome Association	1.915 AC±	0.076 AC±	NA	1.839 AC±	NA	NA	02-13-207-012	
1DS0133TE			NA	NA	NA	0.019 AC±	DRIVE		
1DS0134	Itasca Place Condominiums	4.577 AC±	0.140 AC±	NA	4.437 AC±	NA	NA	02-13-208-001 THRU 02-13-208-140	
1DS0210	Chicago Title Land Trust Company, fka Chicago Title and Trust Company, as Trustee, under the provisions of a Trust Agreement dated August 17, 1991 and known as Trust No. 1096536	1.312 AC±	0.039 AC±	NA	1.273 AC±	NA	NA	02-13-207-007	
1DS0211TE	Gayatri Gyan Mandir	0.921 AC±	NA	NA	NA	0.048 AC±	GRADING	03-18-300-001	
1DS0212TE	Todd J. Snick and Jacquline A. Snick, his wife	0.911 AC±	NA	NA	NA	0.052 AC±	GRADING	03-18-101-004	



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
39.41' MEASURED DIMENSION
( ) RECORD DATA

N

EXISTING BUILDINGS

30 0 15 30

- IRON PIPE OR ROD FOUND
- PK NAIL FOUND OR SET
- + CUT CROSS FOUND OR SET
- ○ 5/8" REBAR SET
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- ◔ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS).
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 40 NORTH, RANGE 10 EAST, AND SECTION 19, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302

ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

RECEIVED
SEP 02 2009
PLATS & LEGALS

HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS · STRUCTURAL ENGINEERS · LAND SURVEYORS
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
847.697.6700 www.hlrengineering.com
184.000959
ILLINOIS PROFESSIONAL DESIGN FIRM & STRUCTURAL ENGINEERING CORP.

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY SECTION
PROJECT JOB NO. R-91-069-00
STATION 137+00 TO STATION 142+00
SCALE: 1"=30' SHEET 16 OF X

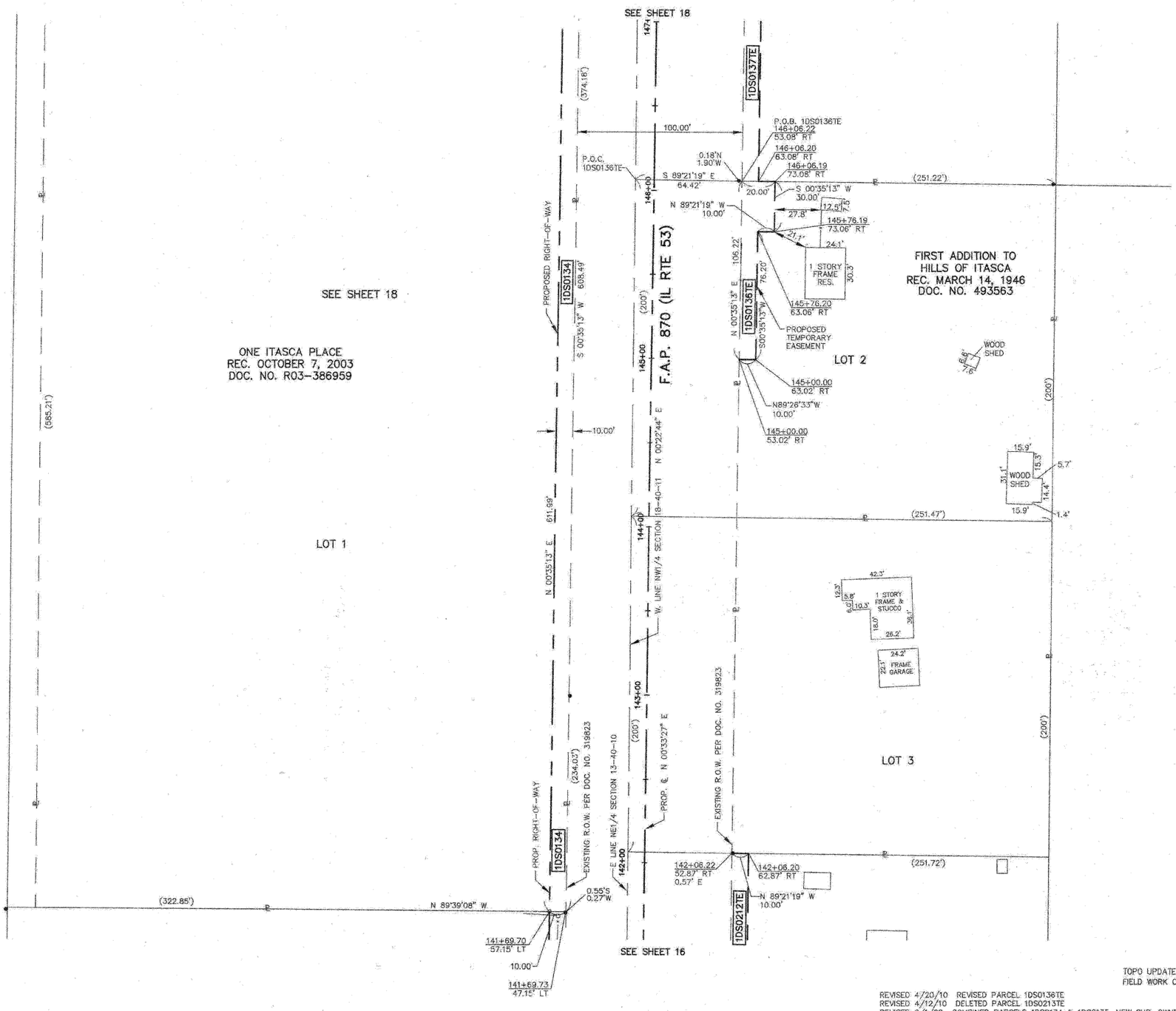
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

REVISED 8/04/09 PARCEL 1DS0211 OWNERSHIP CHANGE

PART OF SECTION 13, TWP 40 NORTH, RANGE 10 EAST & SECTION 18, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0134	Itasca Place Condominiums	4.577 AC±	0.140 AC±	NA	4.437 AC±	NA	NA	02-13-208-001 THRU 02-13-208-140	
1DS0136TE	Karen Fahlgren, an unmarried woman and Timothy J. Chalker, an unmarried man, as joint tenants	0.873 AC±	NA	NA	NA	0.031 AC±	GRADING	03-18-101-002	
1DS0137	Church of Christ	1.134 Ac±	0.008 AC± (343 SF)	NA	1.126 AC±	NA	NA	03-18-101-015	
1DS0137TE			NA	NA	NA	0.042 Ac±	GRADING		
1DS0212TE	Todd J. Snick and Jacquline A. Snick, his wife	0.911 AC±	NA	NA	NA	0.052 AC±	GRADING	03-18-101-004	



LEGEND

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- QUARTER SECTION CORNER
- SECTION LINE
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- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
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ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES: 11/30/2010

RECEIVED
APR 20 2010
PLATS & LEGALS

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

HAMPTON, LENZINI AND RENWICK, INC.
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ILLINOIS PROFESSIONAL DESIGN FIRM & STRUCTURAL ENGINEERING CORP.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

REVISED 4/20/10 REVISED PARCEL 1DS0136TE
REVISED 4/12/10 DELETED PARCEL 1DS0213TE
REVISED 9/1/09 COMBINED PARCELS 1DS0134 & 1DS0135, NEW SUB, OWNERSHIP, PIN

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY		SECTION	
PROJECT		JOB NO.	R-91-069-00
STATION	141+50	TO STATION	146+50
SCALE:	1"=30'	SHEET	17 OF X

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

PART OF SECTION 13, TWP 40 NORTH, RANGE 10 EAST & SECTION 18, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

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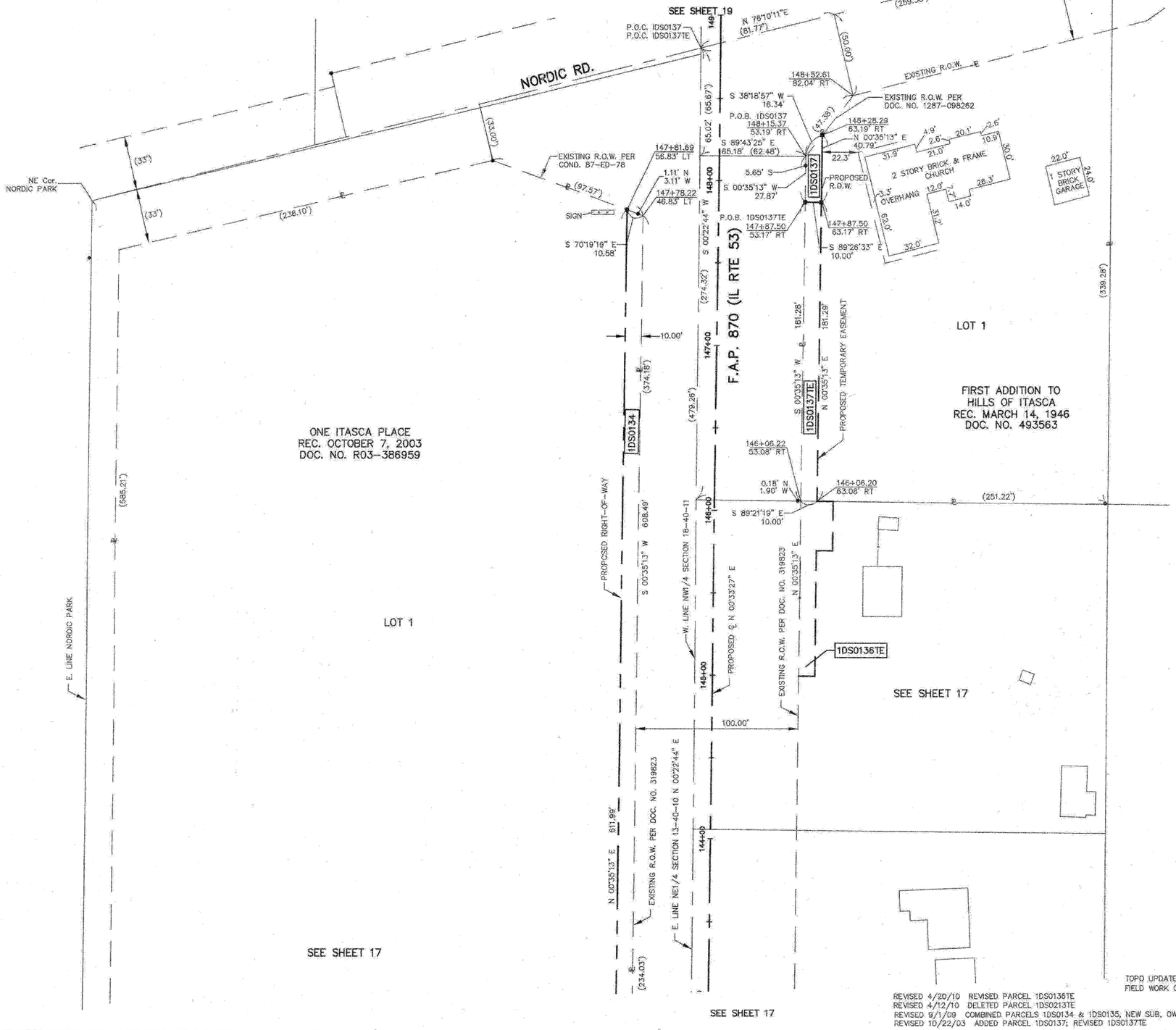

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DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

RECEIVED
APR 20 2010
PLATS & LEGALS

LICENSE EXPIRES 11/30/2010

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HAMPTON, LENZINI AND RENWICK, INC.
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REVISED 4/20/10 REVISED PARCEL 1DS0136TE
REVISED 4/12/10 DELETED PARCEL 1DS0213TE
REVISED 9/1/09 COMBINED PARCELS 1DS0134 & 1DS0135, NEW SUB, OWNERSHIP, PIN
REVISED 10/22/03 ADDED PARCEL 1DS0137; REVISED 1DS0137TE

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY SECTION
PROJECT JOB NO. R-91-069-00
STATION 143+00 TO STATION 149+00
SCALE: 1"=30' SHEET 18 OF X

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

PART OF SECTION 13, TWP 40 NORTH, RANGE 10 EAST & SECTION 18, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS.

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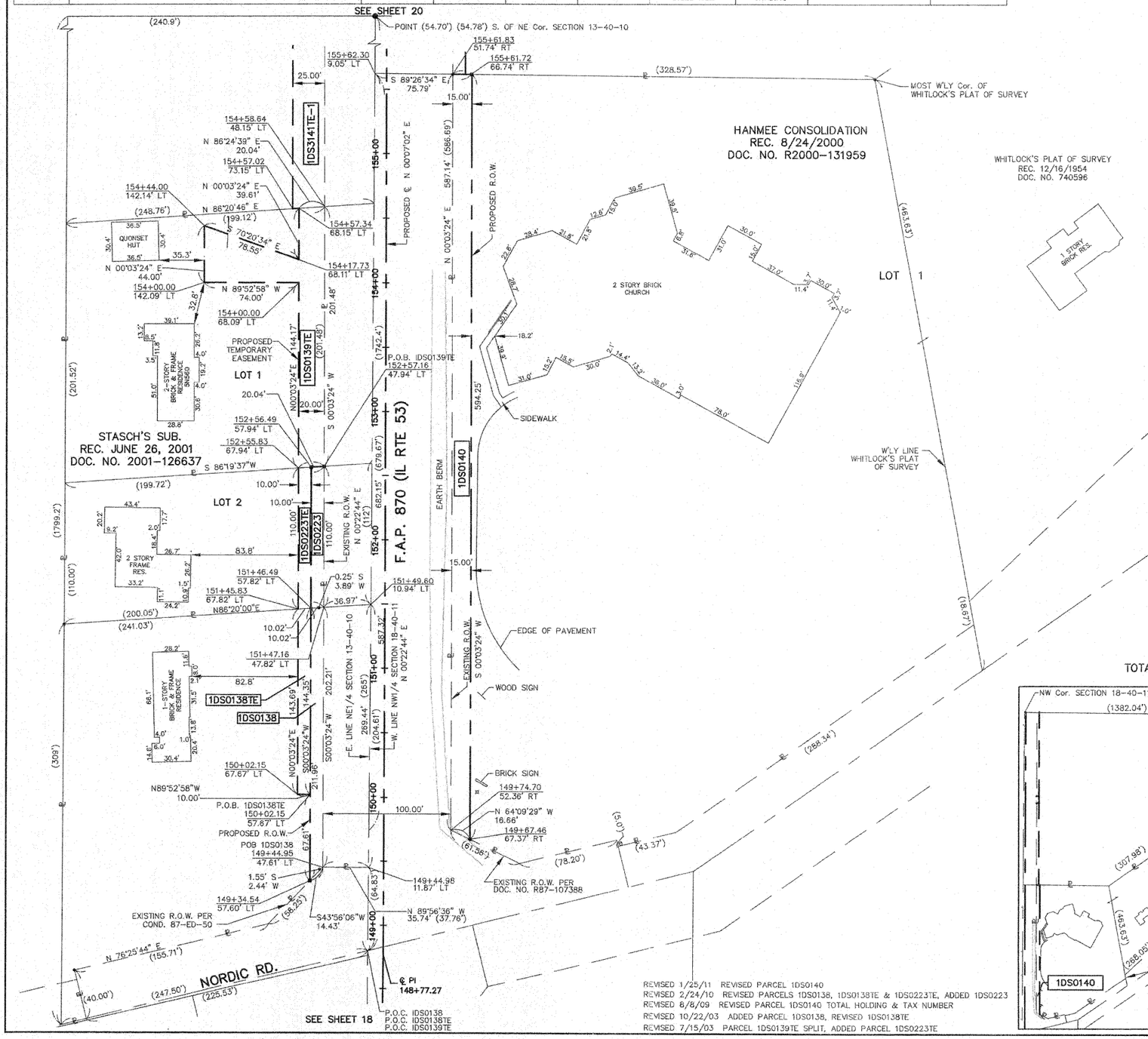
1DS0138	Gerald A. Aspito and Jacquelyn J. Aspito, as joint tenants	1.352 AC±	0.048 AC ±	NA	1.304 AC±	NA	NA	02-13-200-008	
1DS0138TE			NA	NA	NA	0.033 AC±	GRADING		
1DS0139TE	Richard H. Stasch and Judith L. Stasch, in joint tenancy	0.936 AC±	NA	NA	NA	0.145 AC±	GRADING	02-13-200-013	
1DS0140	Hanmee Presbyterian Church	7.552 AC±	0.203 AC±	NA	7.349 AC±	NA	NA	03-18-100-013 pt.	
1DS0141	AGL Investments No. 17, Limited Partnership	4.620 AC±	0.798 AC±	0.780 AC±	3.822 AC±	NA	NA	02-13-200-016 Pt.	
1DS3141TE-1			NA	NA	NA	0.275 AC±	GRADING		
1DS3141TE-2			NA	NA	NA	0.185 AC±	GRADING		
1DS0223	Matyas Family Trust dated 10-14-1997	0.512 AC±	0.025 AC±	NA	0.487 AC±	NA	NA	02-13-200-014	
1DS0223TE			NA	NA	NA	0.025 AC±	GRADING		



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ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302

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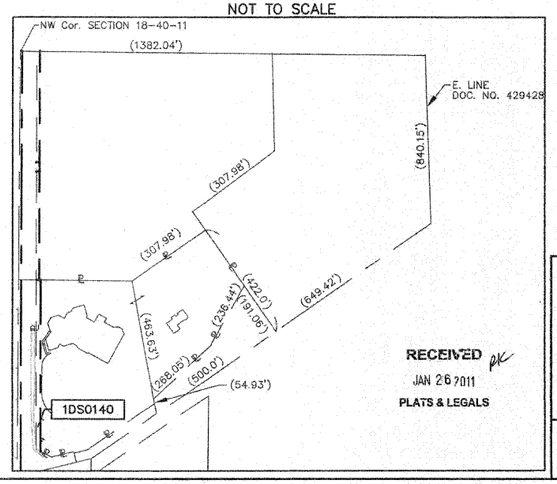
REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 1/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

TOTAL HOLDING PARCEL 1DS0140
NOT TO SCALE



RECEIVED JAN 26 2011 PLATS & LEGALS

REVISED 1/25/11 REVISED PARCEL 1DS0140
REVISED 2/24/10 REVISED PARCELS 1DS0138, 1DS0138TE & 1DS0223TE, ADDED 1DS0223
REVISED 6/8/09 REVISED PARCEL 1DS0140 TOTAL HOLDING & TAX NUMBER
REVISED 10/22/03 ADDED PARCEL 1DS0138, REVISED 1DS0138TE
REVISED 7/15/03 PARCEL 1DS0139TE SPLIT, ADDED PARCEL 1DS0223TE

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PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY	SECTION
PROJECT	JOB NO. R-91-069-00
STATION 148+00	TO STATION 155+00
SCALE: 1"=40'	SHEET 19 OF X

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

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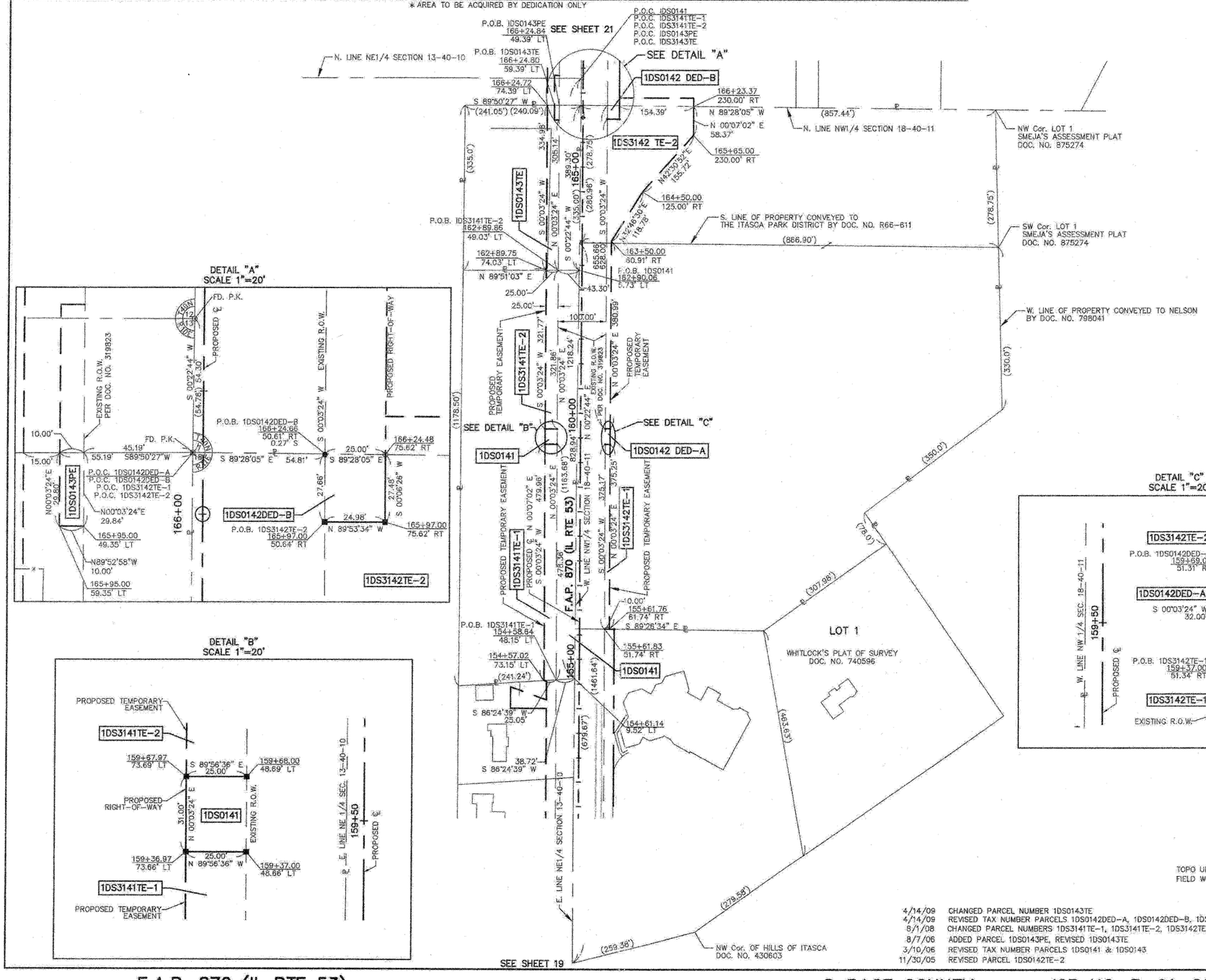
1DS3141TE-1			NA	NA	NA	0.275 AC±	GRADING		
1DS3141TE-2			NA	NA	NA	0.185 AC±	GRADING		
1DS0142 DED-A	Itasca Park District, a Municipal Corporation	18.738 AC±	0.007 AC(320SF)*	NA	18.738 AC±	NA	NA	03-18-100-017	R2006-244468
1DS0142 DED-B			0.016 AC±*	NA		NA	NA	03-18-100-016	
1DS3142TE-1			NA	NA	NA	0.086 AC±	GRADING	03-18-100-017	R2009-106535
1DS3142TE-2			NA	NA	NA	0.746 AC±	GRADING & DRIVE	03-18-100-016 & 017	
1DS0143PE	Village of Itasca	1.853 AC±	NA	NA	NA	0.007 AC± (298 SF)	BRIDGE	02-13-200-015	R2007-114323
1DS0143TE			NA	NA	NA	0.185 AC±	GRADING		R2007-114324

*AREA TO BE ACQUIRED BY DEDICATION ONLY



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 39.41' MEASURED DIMENSION
- ( ) RECORD DATA
- EXISTING BUILDINGS
- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- PK NAIL FOUND OR SET
- O 5/8" REBAR SET
- ● T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION. 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 ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. 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 IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF KANE) SS

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 40 NORTH, RANGE 10 EAST, AND SECTION 19, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302

ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

RECEIVED
SEP 02 2009
PLATS & LEGALS

HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS · STRUCTURAL ENGINEERS · LAND SURVEYORS
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
847.697.6700 www.hlrengineering.com
184.000959
ILLINOIS PROFESSIONAL DESIGN FIRM & STRUCTURAL ENGINEERING CORP.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

4/14/09	CHANGED PARCEL NUMBER 1DS0143TE
4/14/09	REVISED TAX NUMBER PARCELS 1DS0142DED-A, 1DS0142DED-B, 1DS3142TE-1, & 1DS3142TE-2
8/1/08	CHANGED PARCEL NUMBERS 1DS3141TE-1, 1DS3141TE-2, 1DS3142TE-1, 1DS3142TE-2, & 1DS3143TE
8/7/06	ADDED PARCEL 1DS0143PE, REVISED 1DS0143TE
3/10/06	REVISED TAX NUMBER PARCELS 1DS0141 & 1DS0143
11/30/05	REVISED PARCEL 1DS0142TE-2

PLAT OF HIGHWAYS

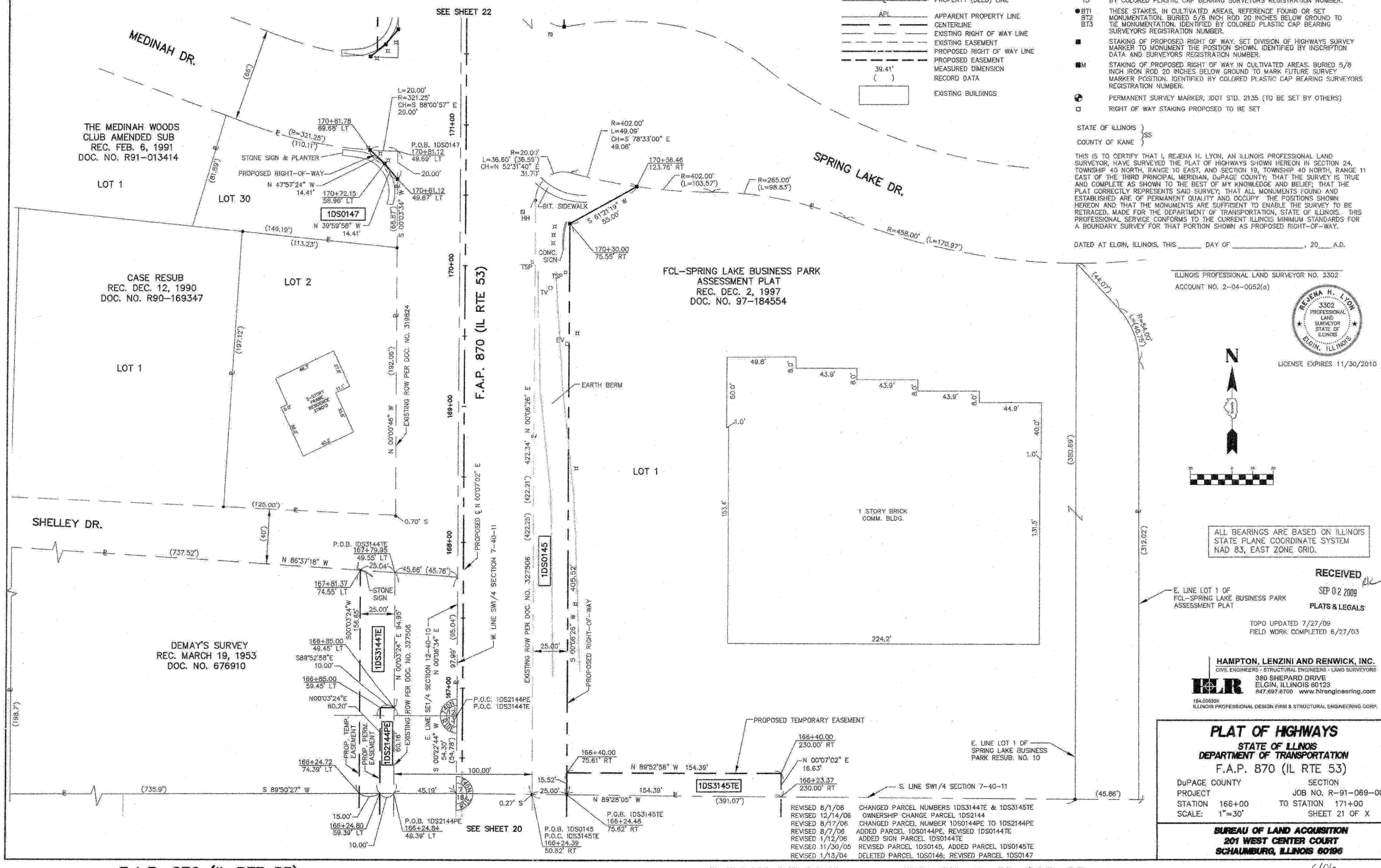
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY — SECTION
PROJECT — JOB NO. R-91-069-00
STATION 154+00 TO STATION 167+00
SCALE: 1"=100' — SHEET 20 OF X

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

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST & SECTION 7, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS2144PE	Chicago Title Land Trust, as Trustee under the provisions of a Trust Agreement dated the 1st day of November 1970 known as Trust Number 38203	2.966 AC±	NA	NA	NA	0.014 AC±	BRIDGE	02-12-404-004	R2007-114325
1DS3144TE			NA	NA	NA	0.075 AC±	GRADING		R2009-083351
1DS0145	Spring Lake L.L.C., an Illinois Limited Liability Company	4.079 AC±	0.271 AC±	NA	3.808 AC±	NA	NA	03-07-301-013	R2007-038112
1DS3145TE			NA	NA	NA	0.057 AC±	DRIVEWAY		R2009-061372
1DS0147	First American Bank, as Trustee under Trust No. F89-167, dated December 1, 1989	0.225 AC±	0.004 AC (183 SF)±	NA	0.221 AC±	NA	NA	02-12-405-074	COND. 06ED000138



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
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 39.41' — MEASURED DIMENSION
- ( ) — RECORD DATA
- EXISTING BUILDINGS
- ● IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ PK NAIL FOUND OR SET
- ○ 5/8" REBAR SET
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STATE OF ILLINOIS)
COUNTY OF KANE) SS

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DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

RECEIVED
SEP 02 2009
PLATS & LEGALS

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS · STRUCTURAL ENGINEERS · LAND SURVEYORS
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PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

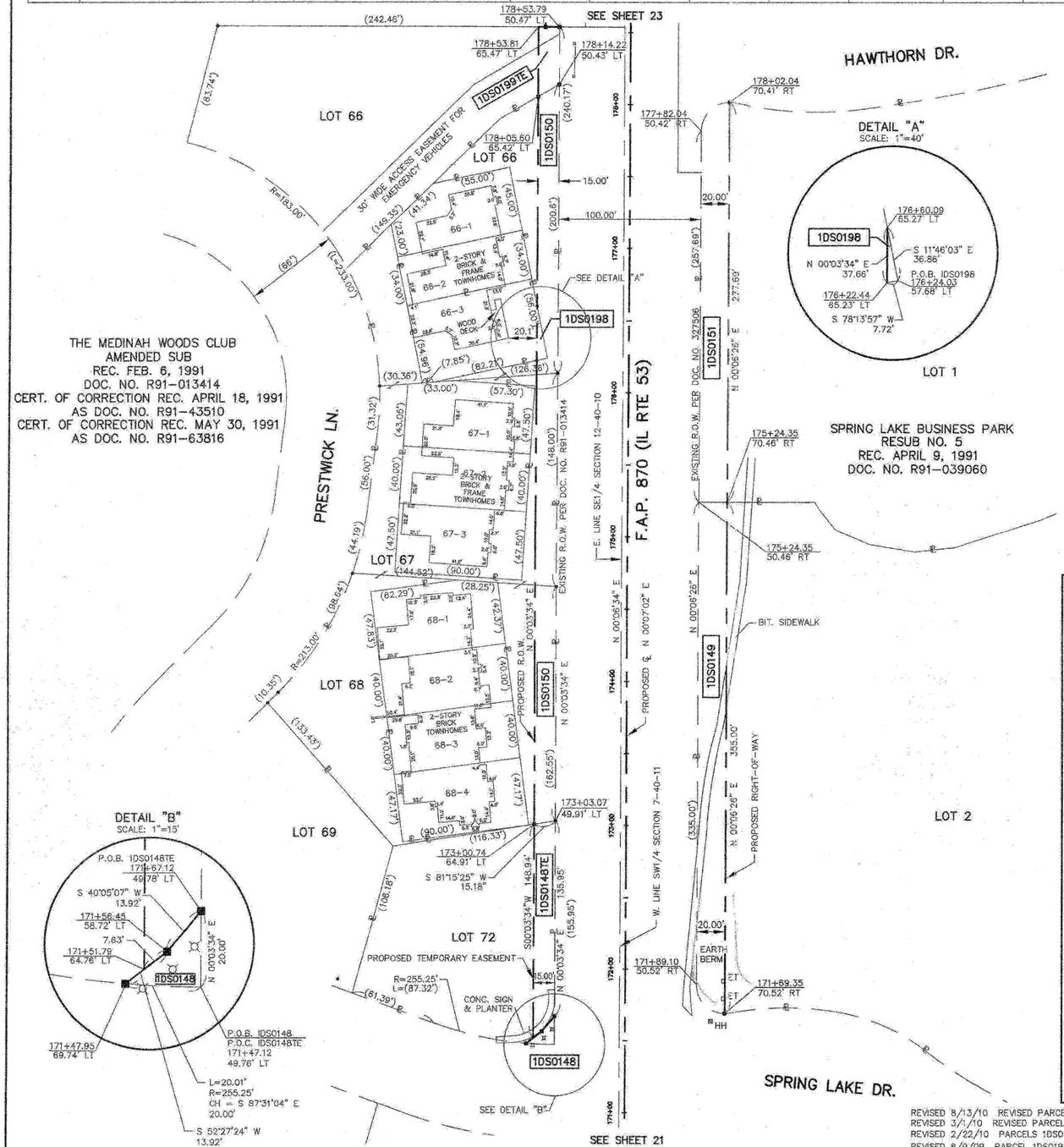
DuPAGE COUNTY	SECTION
PROJECT	JOB NO. R-91-069-00
STATION 166+00	TO STATION 171+00
SCALE: 1"=30'	SHEET 21 OF X

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

REVISED 8/1/06	CHANGED PARCEL NUMBERS 1DS3144TE & 1DS3145TE
REVISED 12/14/06	OWNERSHIP CHANGE PARCEL 1DS2144
REVISED 8/17/06	CHANGED PARCEL NUMBER 1DS0144PE TO 1DS2144PE
REVISED 8/7/06	ADDED PARCEL 1DS0144PE, REVISED 1DS0144TE
REVISED 1/12/06	ADDED SIGN PARCEL 1DS0144TE
REVISED 11/30/05	REVISED PARCEL 1DS0145, ADDED PARCEL 1DS0145TE
REVISED 1/13/04	DELETED PARCEL 1DS0146; REVISED PARCEL 1DS0147

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST & SECTION 7, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0148	Medinah Woods Club Townhome Association, Inc. and Medinah Woods Club Homeowners Association, an Illinois not-for-profit corporation each to an undivided ½ interest	0.401 AC±	0.004 AC (182 SF)±	NA	0.397 AC±	NA	NA	02-12-405-155	
1DS0148TE			NA	NA	NA	0.049 AC±	GRADING		
1DS0149	National Safety Council, a Federally Chartered not-for-profit corporation	8.034 AC±	0.161 AC±	NA	7.873 AC±	NA	NA	03-07-302-004	R2007-011085
1DS0150	Medinah Woods Club Townhome Association, Inc.	0.668 AC±	0.187 AC±	NA	0.481 AC±	NA	NA	02-12-405-151(pt)	
1DS0151	Spring Lake Business Park Association, an Illinois not-for-profit corporation	5.343 AC±	0.126 AC±	NA	5.217 AC±	NA	NA	03-07-302-003	
1DS0198	HSBC Mortgage Corporation (USA)	0.116 AC±	0.003 AC (142 SF)±	NA	0.113 AC±	NA	NA	02-12-405-134	
1DS0199TE	Medinah Woods Club Townhome Association, Inc. and Medinah Woods Club Homeowners Association, an Illinois not-for-profit corporation each to an undivided ½ interest	0.609 AC±	NA	NA	NA	0.015 AC±	GRADING	02-12-405-151(pt)	



LINE	DISTANCE
L1	56.69'
L2	50.00'
L3	98.61'
L4	23.15'
L5	4.74'
L6	82.17'
L7	19.21'
L8	26.00'
L9	32.39'
L10	29.15'
L11	62.94
L12	56.08'
L13	36.77'
L14	33.53'
L15	42.76'
L16	55.04'
L17	29.27'
L18	49.25'
L19	85.48'
L20	31.62'
L21	10.82'
L22	24.17'
L23	24.21'
L24	20.52'

CURVE	ARC	RADIUS
C1	75.88'	222.00'
C2	70.84'	142.00'
C3	37.89'	285.00'
C4	140.78'	333.00'
C5	239.33'	267.00'
C6	47.12'	333.00'
C7	183.17'	1129.61'
C8	91.16'	262.00'
C9	35.77'	20.00'
C10	35.06'	20.00'

LEGEND

SECTION CORNER; QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
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- PROPERTY (DEED) LINE
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- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 39.41' MEASURED DIMENSION
- ( ) RECORD DATA

N

EXISTING BUILDINGS

- ● IRON PIPE OR ROD FOUND
- ⊕ PK NAIL FOUND OR SET
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- ○ 5/8" REBAR SET
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STATE OF ILLINOIS } SS
COUNTY OF KANE }

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DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

RECEIVED
AUG 13 2010
PLATS & LEGALS

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

HAMPTON, LENZINI AND RENWICK, INC.
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REVISED 8/13/10 REVISED PARCEL 1DS0198 OWNERSHIP CHANGE
REVISED 3/1/10 REVISED PARCELS 1DS0150TE & 1DS0198TE TO FEE TAKES
REVISED 2/22/10 PARCELS 1DS0148 & 1DS0199TE OWNERSHIP CHANGES
REVISED 8/9/09 PARCEL 1DS0198TE OWNERSHIP CHANGE; PARCEL 1DS0150TE TAX NUMBER CHANGE
REVISED 1/13/04 REVISED PARCEL 1DS0148 & ADDED TE; CHANGED PARCELS 1DS0150, 1DS0198 & 1DS0199 TO TE'S

PLAT OF HIGHWAYS

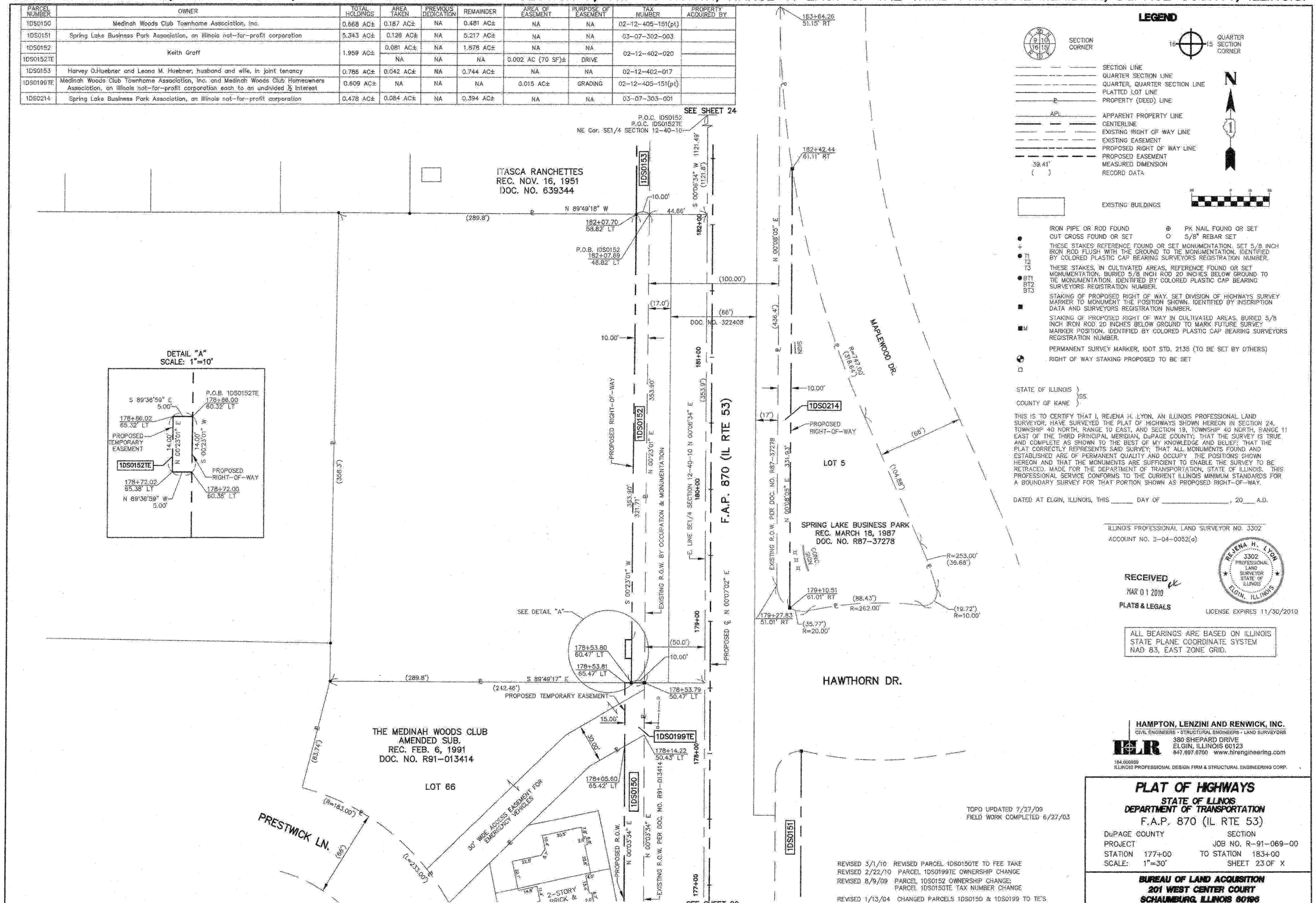
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY	SECTION
PROJECT	JOB NO. R-91-069-00
STATION 171+00	TO STATION 178+50
SCALE: 1"=40'	SHEET 22 OF X

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

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST & PART OF SECTION 7, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0150	Medinah Woods Club Townhome Association, Inc.	0.668 AC±	0.187 AC±	NA	0.481 AC±	NA	NA	02-12-405-151(pt)	
1DS0151	Spring Lake Business Park Association, an Illinois not-for-profit corporation	5.343 AC±	0.126 AC±	NA	5.217 AC±	NA	NA	03-07-302-003	
1DS0152	Keith Graff	1.959 AC±	0.081 AC±	NA	1.878 AC±	NA	NA	02-12-402-020	
1DS0152TE			NA	NA	NA	0.002 AC (70 SF)±	DRIVE		
1DS0153	Harvey O.Huebner and Leona M. Huebner, husband and wife, in joint tenancy	0.786 AC±	0.042 AC±	NA	0.744 AC±	NA	NA	02-12-402-017	
1DS0199TE	Medinah Woods Club Townhome Association, Inc. and Medinah Woods Club Homeowners Association, an Illinois not-for-profit corporation each to an undivided ½ interest	0.609 AC±	NA	NA	NA	0.015 AC±	GRADING	02-12-405-151(pt)	
1DS0214	Spring Lake Business Park Association, an Illinois not-for-profit corporation	0.478 AC±	0.084 AC±	NA	0.394 AC±	NA	NA	03-07-303-001	



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
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PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
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EXISTING EASEMENT
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
39.41' MEASURED DIMENSION
( ) RECORD DATA

N

EXISTING BUILDINGS

30 0 15 30

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

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

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BT1 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.

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PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
) SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 40 NORTH, RANGE 10 EAST, AND SECTION 19, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302

ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

RECEIVED
MAR 01 2010
PLATS & LEGALS

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

HAMPTON, LENZINI AND RENWICK, INC.
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PLAT OF HIGHWAYS

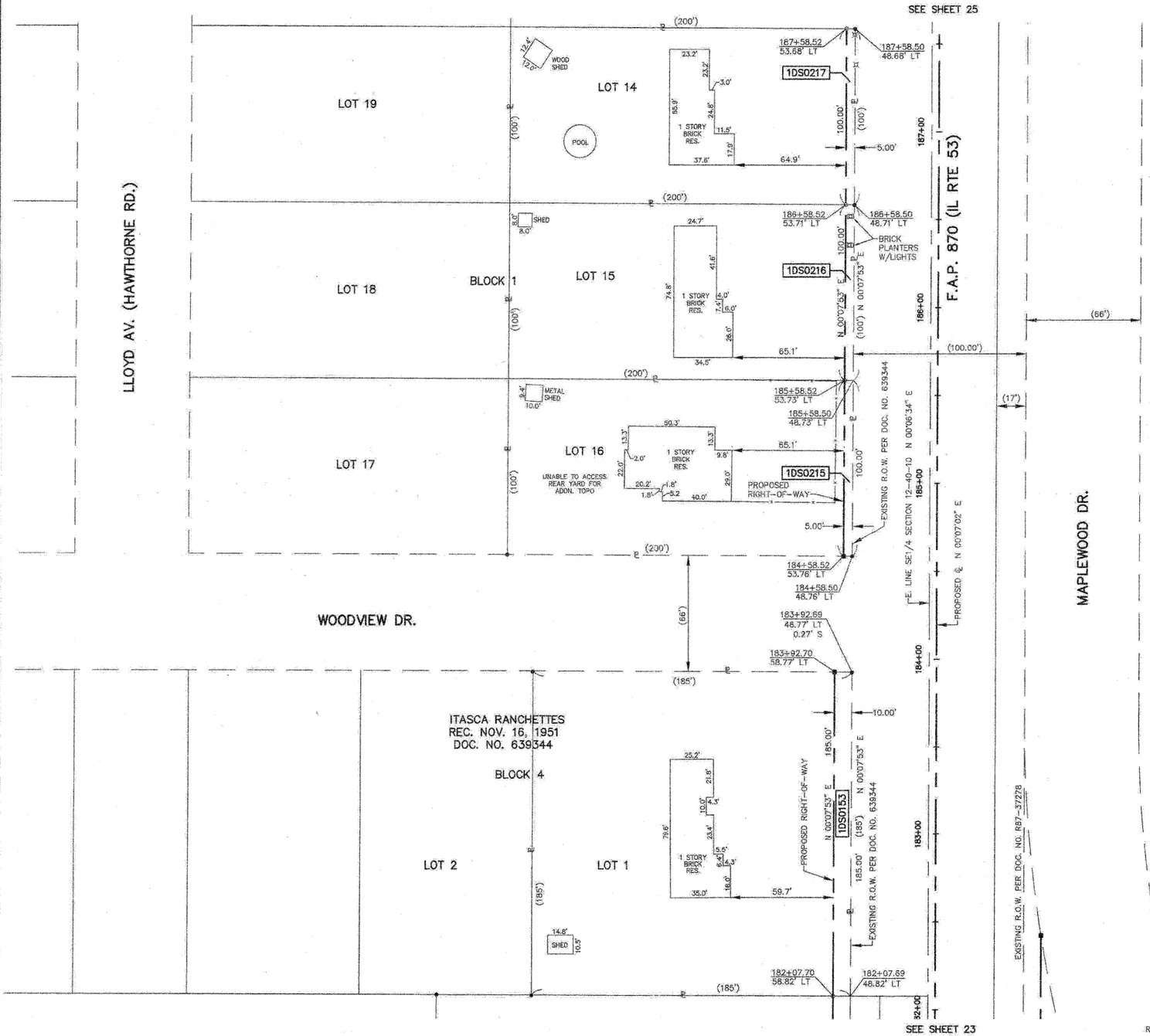
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY	SECTION
PROJECT	JOB NO. R-91-069-00
STATION 177+00	TO STATION 183+00
SCALE: 1"=30'	SHEET 23 OF X

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

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0153	Harvey O. Huebner and Leona M. Huebner, husband and wife, in joint tenancy	0.786 AC±	0.042 AC±	NA	0.744 AC±	NA	NA	02-12-402-017	
1DS0215	Elzbieta Rozenkvanc and Stanislaw Rozenkvanc, husband and wife, as tenants by the entirety	0.459 AC±	0.011 AC±	NA	0.448 AC±	NA	NA	02-12-212-034	
1DS0216	West Suburban Bank, as Trustee, under the provisions of a Trust Agreement dated April 5, 1985 and known as Trust No. 3811	0.459 AC±	0.011 AC±	NA	0.448 AC±	NA	NA	02-12-212-033	
1DS0217	Lonnie Campbell and Alma R. Campbell, husband and wife, as tenants by the entirety	0.459 AC±	0.011 AC±	NA	0.448 AC±	NA	NA	02-12-212-032	



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 39.41' MEASURED DIMENSION
- ( ) RECORD DATA
- EXISTING BUILDINGS
- IRON PIPE OR ROD FOUND
- PK NAIL FOUND OR 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 THE GROUND TO TIE MONUMENTATION. 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 ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. 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 IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 40 NORTH, RANGE 10 EAST, AND SECTION 19, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302

ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

RECEIVED
AUG 11 2009
PLATS & LEGALS

HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS · STRUCTURAL ENGINEERS · LAND SURVEYORS
380 SHEPARD DRIVE
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847.697.6700 www.hlrengineering.com
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ILLINOIS PROFESSIONAL DESIGN FIRM & STRUCTURAL ENGINEERING CORP.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

REVISED 6/24/03 PARCEL 1DS0215 OWNERSHIP CHANGE

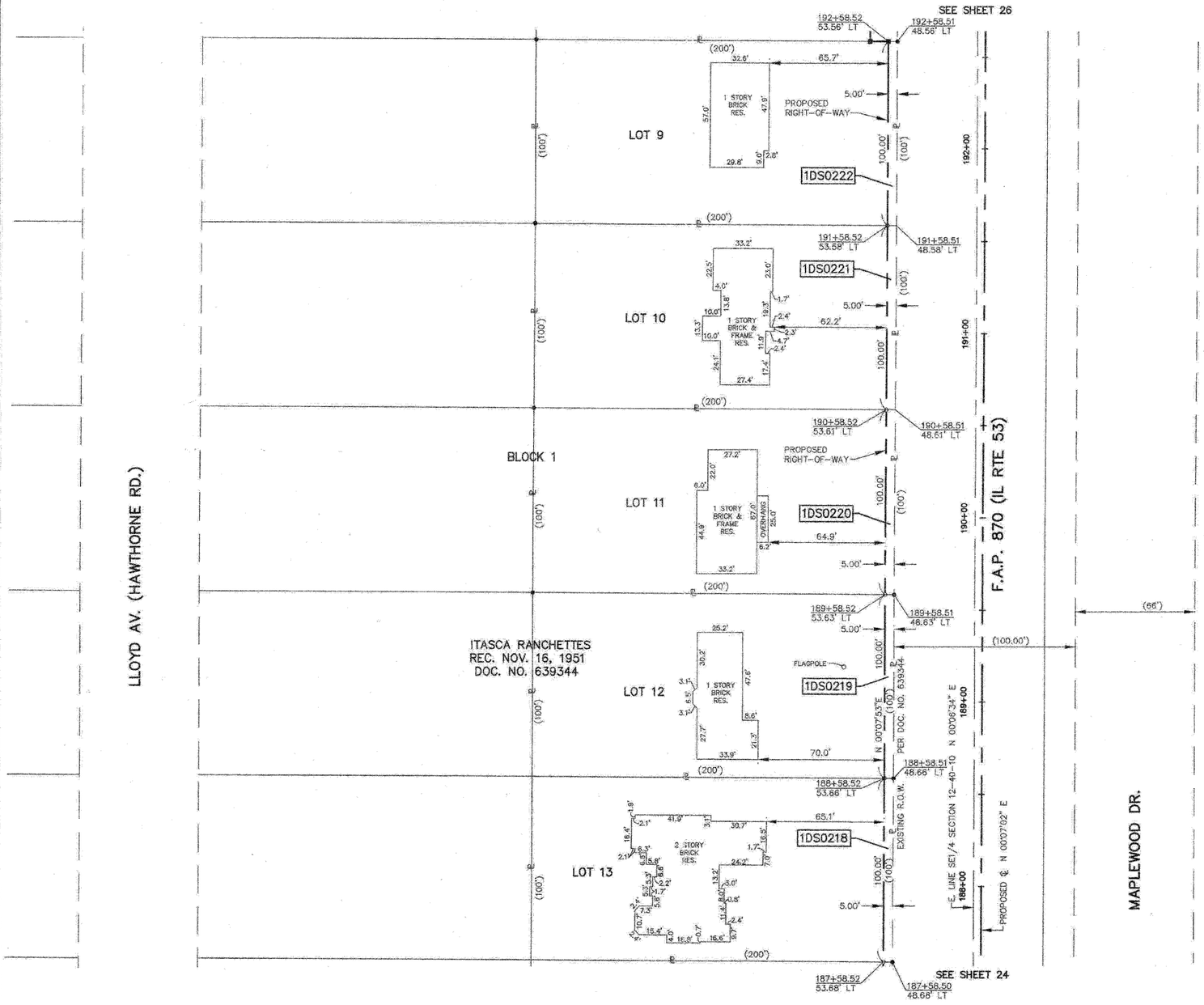
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY	SECTION
PROJECT	JOB NO. R-91-069-00
STATION 182+00	TO STATION 193+00
SCALE: 1"=30'	SHEET 24 OF X

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

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0218	Janina Mostalerz and Josef Mostalerz, wife and husband, and Grazyna Trynka, single never married, as joint tenants	0.459 AC±	0.011 AC±	NA	0.448 AC±	NA	NA	02-12-212-031	
1DS0219	Stanley Jakubowski and Janelle Jakubowski, in joint tenancy	0.459 AC±	0.011 AC±	NA	0.448 AC±	NA	NA	02-12-212-030	
1DS0220	Peter H. Boite, an unmarried man	0.459 AC±	0.011 AC±	NA	0.448 AC±	NA	NA	02-12-212-029	
1DS0221	David T. Calabrese, a married man	0.459 AC±	0.011 AC±	NA	0.448 AC±	NA	NA	02-12-212-028	
1DS0222	Bruce R. Dahlquist and Jamie Dahlquist, husband and wife, as tenants by the entirety	0.459 AC±	0.011 AC±	NA	0.448 AC±	NA	NA	02-12-212-027	



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
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- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
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- EXISTING EASEMENT
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- 39.41' — MEASURED DIMENSION
- ( ) — RECORD DATA
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STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 40 NORTH, RANGE 10 EAST, AND SECTION 19, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

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AUG 11 2009
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ILLINOIS PROFESSIONAL DESIGN FIRM & STRUCTURAL ENGINEERING CORP.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

REVISED 8/09/09 PARCELS 1DS0218, 1DS0220 & 1DS0221 OWNERSHIP CHANGES
REVISED 6/24/03 PARCEL 1DS0221 OWNERSHIP CHANGE

PLAT OF HIGHWAYS

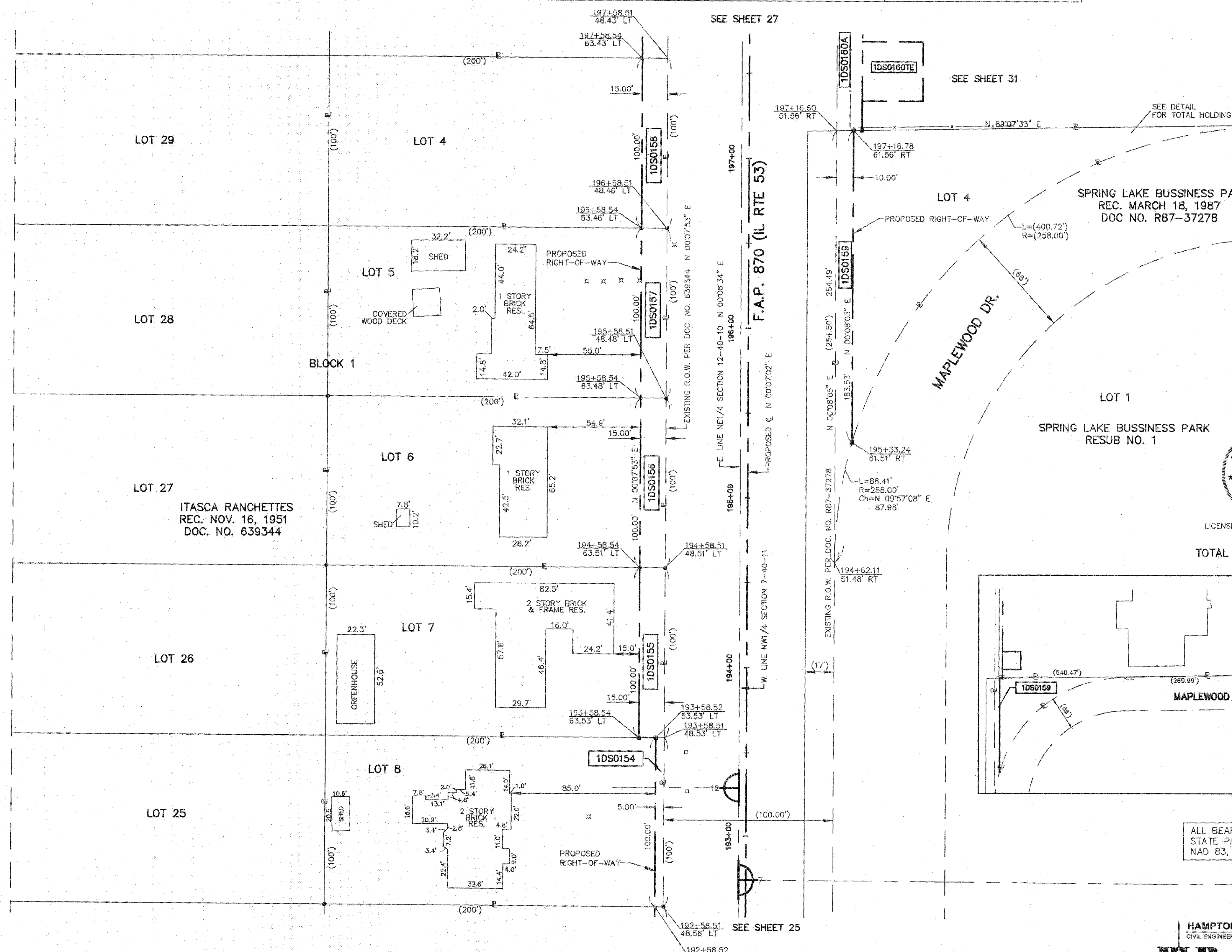
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY SECTION
PROJECT JOB NO. R-91-069-00
STATION 182+00 TO STATION 193+00
SCALE: 1"=30' SHEET 25 OF X

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

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST & SECTION 7, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0154	Agata Szymanska and Jaromir Niemiec, as joint tenants	0.459 AC±	0.011 AC±	NA	0.448 AC±	NA	NA	02-12-212-026	
1DS0155	Jeanette Baker, Trustee of the Jeanette Baker Trust dated November 14, 2003	0.459 AC±	0.034 AC±	NA	0.425 AC±	NA	NA	02-12-212-025	
1DS0156	Victor A. Rescino and Martha M. Rescino, his wife, as joint tenants	0.459 AC±	0.034 AC±	NA	0.425 AC±	NA	NA	02-12-212-024	
1DS0157	Maria Catania	0.459 AC±	0.034 AC±	NA	0.425 AC±	NA	NA	02-12-212-023	
1DS0158	Emma Schmidt Laraia as Trustee of the Emma Schmidt Laraia Family Trust dated July 24, 2007	0.459 AC±	0.034 AC±	NA	0.425 AC±	NA	NA	02-12-212-022	
1DS0159	Spring Lake Business Park Association	0.346 AC±	0.048 AC±	NA	0.298 AC±	NA	NA	03-07-103-012	
1DS0160A	United States Postal Service	3.690Ac±	0.065 AC±	NA	3.528 AC±	NA	NA	03-07-103-013	
1DS0160B			0.097 AC±	NA		NA	NA		
1DS0160TE			NA	NA	NA	0.029 AC±	GRADING		



LEGEND

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PLATTED LOT LINE
PROPERTY (DEED) LINE
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PROPOSED RIGHT OF WAY LINE
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39.41' MEASURED DIMENSION
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STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

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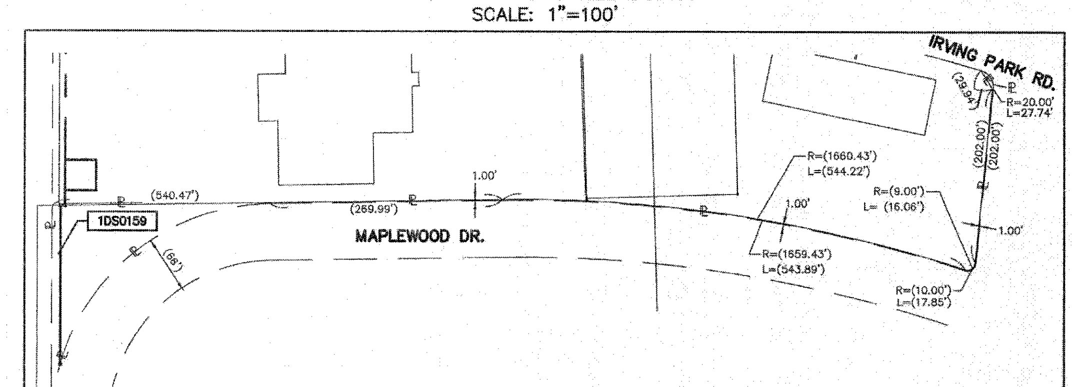
REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

DATED AT ELGIN, ILLINOIS, THIS ______ DAY OF ________________, 20___ A.D.

LICENSE EXPIRES 11/30/2010

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

TOTAL HOLDING PARCEL IDS0159
SCALE: 1"=100'



RECEIVED
SEP 2 7 2010
PLATS & LEGALS

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

REVISED 9/24/10 PARCEL 1DS0154
REVISED 5/10/10 PARCEL 1DS0158 OWNERSHIP CHANGE
REVISED 8/09/09 PARCELS 1DS0154, 1DS0155 & 1DS0157 OWNERSHIP CHANGES

HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS • STRUCTURAL ENGINEERS • LAND SURVEYORS
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PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY	SECTION
PROJECT	JOB NO. R-91-069-00
STATION 192+50	TO STATION 197+50
SCALE: 1"=30'	SHEET 26 OF X

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

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST & SECTION 7, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0158	Emma Schmidt Laraia as Trustee of the Emma Schmidt Laraia Family Trust dated July 24, 2007	0.459 AC±	0.034 AC±	NA	0.425 AC±	NA	NA	02-12-212-022	
1DS0160A	United States Postal Service	3.690AC±	0.065 AC±	NA	3.528 AC±	NA	NA	03-07-103-013	
1DS0160B			0.097 AC±	NA		NA	NA		
1DS0160TE			NA	NA	NA	0.029 AC±	GRADING		
1DS0161	Abate Enterprises, L.L.C., an Illinois limited liability company	1.020 AC±	0.075 AC±	NA	0.945 AC±	NA	NA	02-12-212-037	
1DS0161TE			NA	NA	NA	0.006 AC (264 SF)±	DRIVE		
1DS0162DED	Bank Financial FSB, as Trustee Under Trust Agreement Dated October 25, 2005 and known as Trust Number 010836	0.506 AC±	0.152 AC± *	NA	0.506 AC±	NA	NA	02-12-212-019	
1DS0162TE			NA	NA	NA	0.004 AC (171 SF)±	DRIVE		
1DS0163DED	Mobil Oil Corporation	0.802 AC±	0.147 AC± *	NA	0.802 AC±	NA	NA	03-07-103-015	
1DS0163TE-A			NA	NA	NA	0.015 AC±	DRIVE		
1DS0163TE-B			NA	NA	NA	0.009 AC (380 SF)±	DRIVE		
1DS0166	Chicago Title Land Trust Company, as Trustee under Trust Agreement dated the 24th day of May, 2004, known as Trust Number 1113015	1.200 AC±	0.073 AC±	NA	1.127 AC±	NA	NA	02-12-212-038 (pt)	
1DS0166PE			NA	NA	NA	0.056 AC±	PERMANENT		
1DS0166TE-A			NA	NA	NA	0.006 AC (253 SF)±	DRIVE		
1DS0166TE-B			NA	NA	NA	0.009 AC (413 SF)±	DRIVE		

*AREA TO BE ACQUIRED BY DEDICATION ONLY

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
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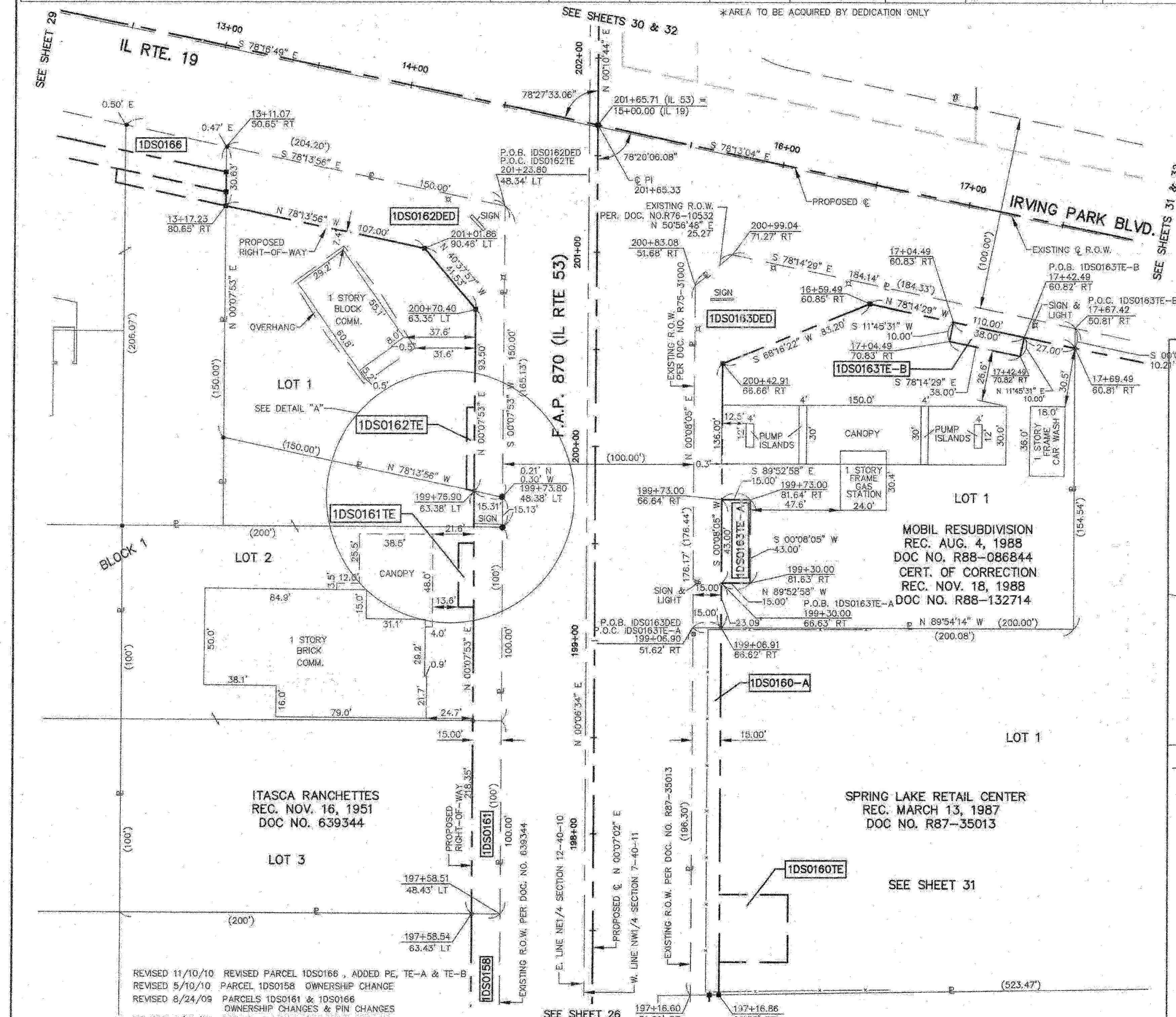

STATE OF ILLINOIS)
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COUNTY OF KANE)

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DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _______________, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302

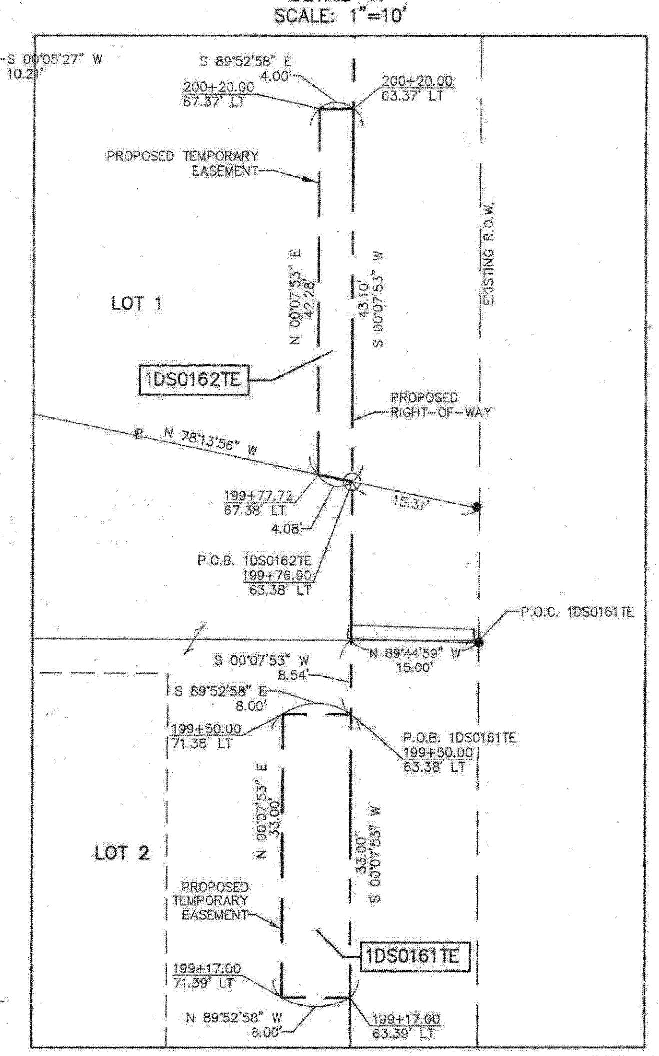
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

N

DETAIL "A"
SCALE: 1"=10'



RECEIVED
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PLATS & LEGALS

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

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PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY — SECTION
PROJECT — JOB NO. R-91-069-00
STATION 197+00 — TO STATION 201+50
SCALE: 1"=30' — SHEET 27 OF X

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

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0164	Raymond F. Schmidt and Maraldine M. Schmidt, as joint tenants	0.643 AC±	0.044 AC±	NA	0.599 AC±	NA	NA	02-12-211-001	
1DS0165	Frank Graziano	0.748 AC±	0.065 AC±	NA	0.683 AC±	NA	NA	02-12-211-018	
1DS0168	Itasca Joint Venture, LLC, an Illinois Limited Liability Company	8.568 AC±	0.070 AC±	NA	8.498 AC±	NA	NA	02-12-204-011 02-12-204-012 02-12-204-001	
1DS0169	Itasca Bank & Trust Co., as Trustee under the provisions of a Trust Agreement dated the 13th day of March, 1989 and known as Trust No. 10686	1.188 AC±	0.045 AC±	NA	1.143 AC±	NA	NA	02-12-204-014	

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
39.41' MEASURED DIMENSION
( ) RECORD DATA

N

EXISTING BUILDINGS

50 0 25 50

- IRON PIPE OR ROD FOUND
- ⊕ PK NAIL FOUND OR 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 THE GROUND TO TIE MONUMENTATION. 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 ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. 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 IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◒ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 40 NORTH, RANGE 10 EAST, AND SECTION 13, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

RECEIVED
JAN 04 2010
PLATS & LEGALS

HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS · STRUCTURAL ENGINEERS · LAND SURVEYORS
HLR 380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
847.697.6700 www.hlrengineering.com
184.000859
ILLINOIS PROFESSIONAL DESIGN FIRM & STRUCTURAL ENGINEERING CORP.

REVISED 12/31/09 PARCEL 1DS0168 ADDED TAX NUMBER
REVISED 8/09/09 PARCELS 1DS0165 & 1DS0168 OWNERSHIP CHANGES; PARCEL 1DS0168 REVISE TOTAL HOLDING

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 870 (IL RTE 53)

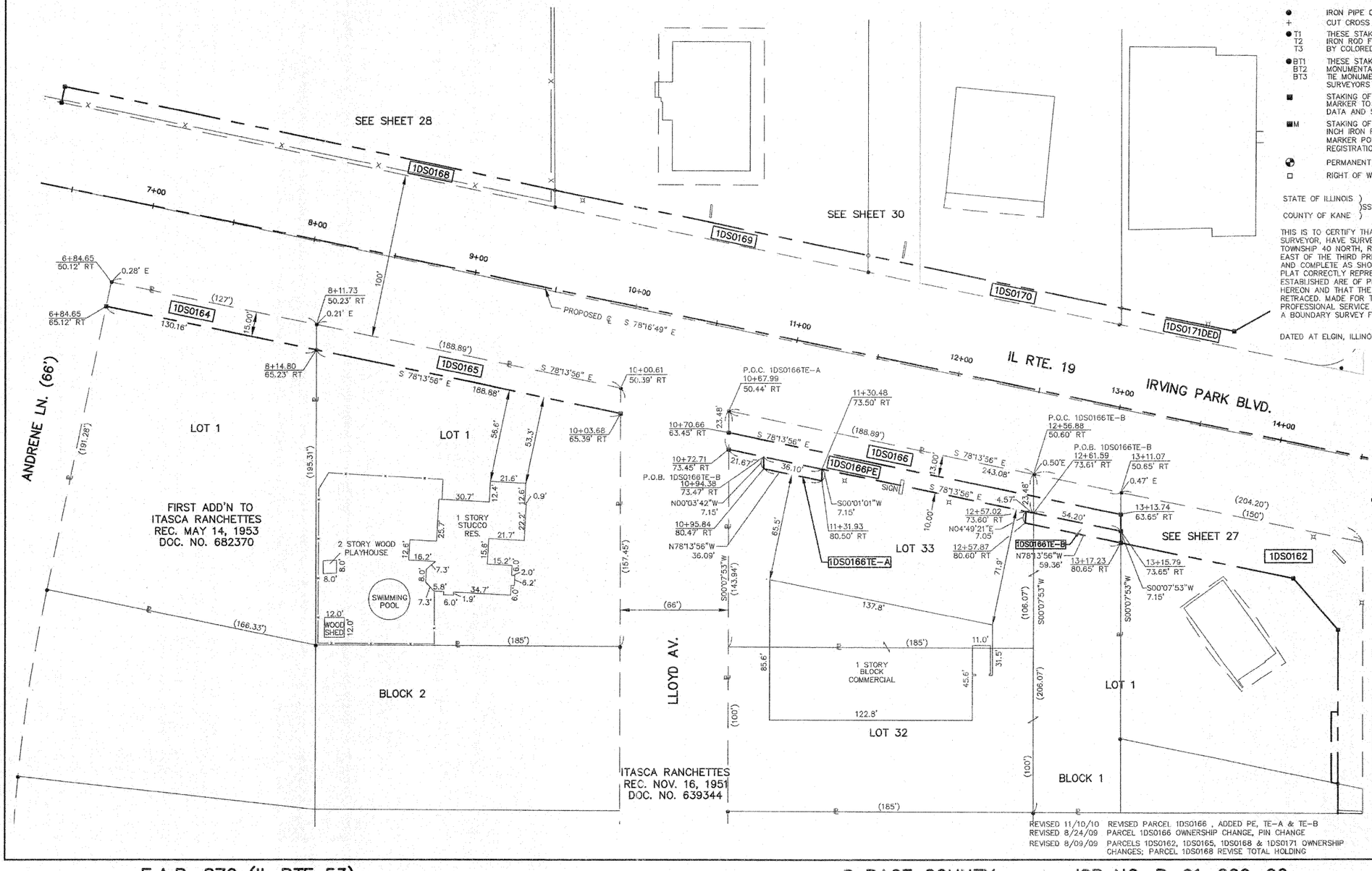
DuPAGE COUNTY SECTION
PROJECT JOB NO. R-91-069-00
STATION 4+00 (IL RTE 19) TO STATION 10+00
SCALE: 1"=50' SHEET 28 OF X

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

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0162DED	Bank Financial FSB, as Trustee Under Trust Agreement Dated October 25, 2005 and known as Trust Number 010836	0.506 AC±	0.152 AC±*	NA	0.506 AC±	NA	NA	02-12-212-019	
1DS0162TE			NA	NA	NA	0.004 AC (171 SF)±	DRIVE		
1DS0164	Raymond F. Schmidt and Maraldine M. Schmidt, as joint tenants	0.643 AC±	0.044 AC±	NA	0.599 AC±	NA	NA	02-12-211-001	
1DS0165	Frank Graziano	0.748 AC±	0.065 AC±	NA	0.683 AC±	NA	NA	02-12-211-018	
1DS0166	Chicago Title Land Trust Company, as Trustee under Trust Agreement dated the 24th day of May, 2004, known as Trust Number 1113015	1.200 AC±	0.073 AC±	NA	1.127 AC±	NA	NA	02-12-212-038 (pt)	
1DS0166PE			NA	NA	NA	0.056 AC±	PERMANENT		
1DS0166TE-A			NA	NA	NA	0.006 AC (253 SF)±	DRIVE		
1DS0166TE-B			NA	NA	NA	0.009 AC (413 SF)±	DRIVE		
1DS0168	Itasca Joint Venture, LLC, an Illinois Limited Liability Company	8.568 AC±	0.070 AC±	NA	8.498 AC±	NA	NA	02-12-204-011 02-12-204-012	
1DS0169	Itasca Bank & Trust Co., as Trustee under the provisions of a Trust Agreement dated the 13th day of March, 1989 and known as Trust No. 10686	1.188 AC±	0.045 AC±	NA	1.143 AC±	NA	NA	02-12-204-014	
1DS0170	Itasca Bank & Trust Co., as Trustee under the provisions of a Trust Agreement dated October 31, 1988 and known as Trust No. 10648	0.707 AC±	0.036 AC±	NA	0.671 AC±	NA	NA	02-12-204-016	
1DS0171DED	Maya and Jiya, Inc.	0.670 AC±	0.125 AC±*	NA	0.670 AC±	NA	NA	02-12-204-006	
1DS0171TE			NA	NA	NA	0.019 AC±	DRIVE		

* AREA TO BE ACQUIRED BY DEDICATION ONLY



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
CENTERLINE
EXISTING RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
39.41' MEASURED DIMENSION
( ) RECORD DATA

EXISTING BUILDINGS

20 0 15 30

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

● T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION. 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 ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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■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 SURVEYORS REGISTRATION NUMBER.

◒ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS.
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 40 NORTH, RANGE 10 EAST, AND SECTION 19, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

RECEIVED
NOV 17 2010
PLATS & LEGALS

HAMPTON, LENZINI AND RENWICK, INC.
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380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
847.697.8700 www.hlrengineering.com
184.000959
ILLINOIS PROFESSIONAL DESIGN FIRM & STRUCTURAL ENGINEERING CORP.

REVISED 11/10/10 REVISED PARCEL 1DS0166 , ADDED PE, TE-A & TE-B
REVISED 8/24/09 PARCEL 1DS0166 OWNERSHIP CHANGE, PIN CHANGE
REVISED 8/09/09 PARCELS 1DS0162, 1DS0165, 1DS0168 & 1DS0171 OWNERSHIP CHANGES; PARCEL 1DS0168 REVISE TOTAL HOLDING

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 870 (IL RTE 53)

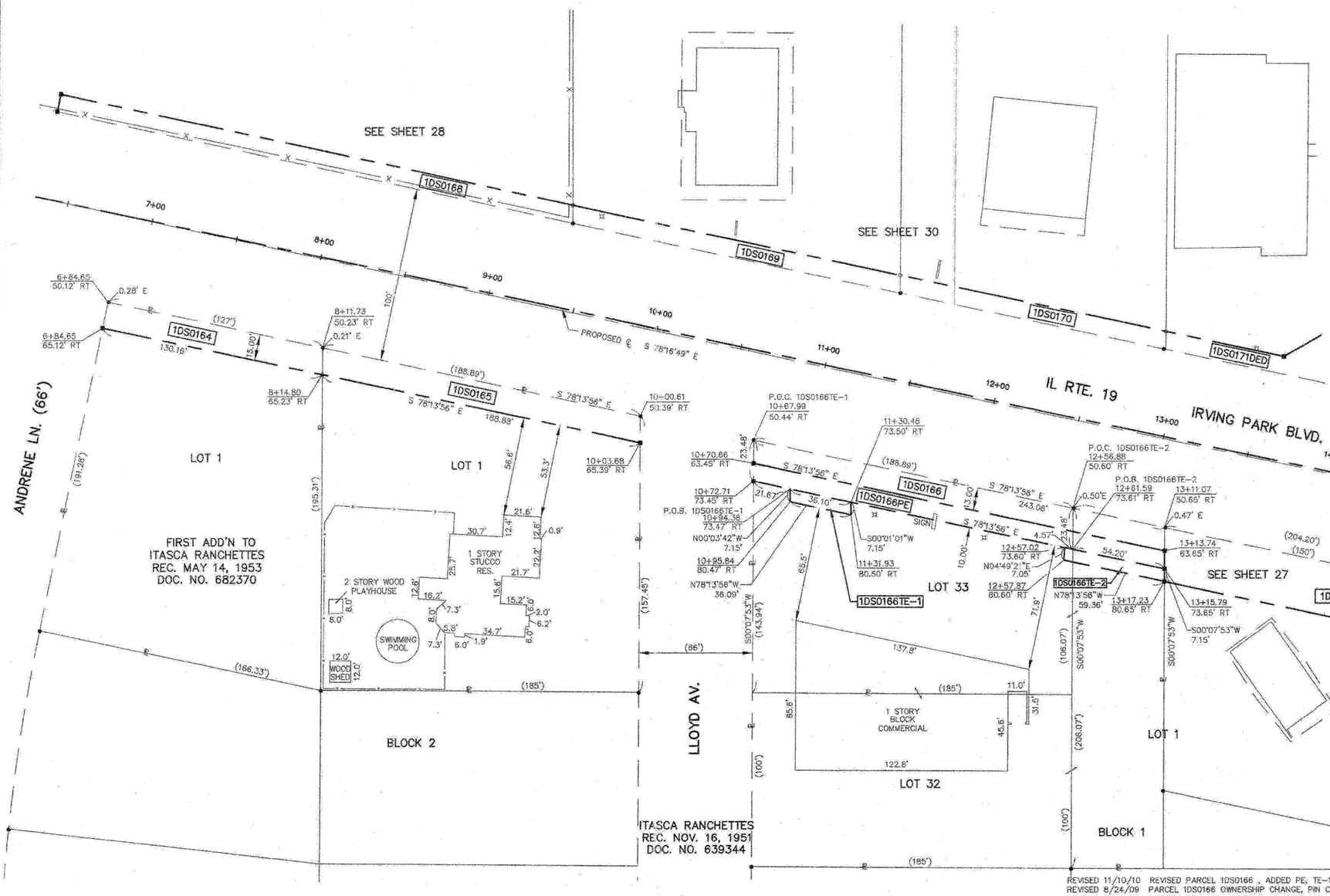
DuPAGE COUNTY SECTION
PROJECT JOB NO. R-91-069-00
STATION 6+50 (IL RTE 19) TO STATION 13+50
SCALE: 1"=30' SHEET 29 OF X

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

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0162DED	Bank Financial FSB, as Trustee Under Trust Agreement Dated October 25, 2005 and known as Trust Number 010836	0.506 AC±	0.152 AC±*	NA	0.506 AC±	NA	NA	02-12-212-019	
1DS0162TE			NA	NA	NA	0.004 AC (171 SF)±	DRIVE		
1DS0164	Raymond F. Schmidt and Maraldine M. Schmidt, as joint tenants	0.643 AC±	0.044 AC±	NA	0.599 AC±	NA	NA	02-12-211-001	
1DS0165	Frank Graziano	0.748 AC±	0.065 AC±	NA	0.683 AC±	NA	NA	02-12-211-018	
1DS0166	Chicago Title Land Trust Company, as Trustee under Trust Agreement dated the 24th day of May, 2004, known as Trust Number 1113015	1.200 AC±	0.073 AC±	NA	1.127 AC±	NA	NA	02-12-212-038 (pt)	
1DS0166PE			NA	NA	NA	0.056 AC±	PERMANENT		
1DS0166TE-1			NA	NA	NA	0.006 AC (253 SF)±	DRIVE		
1DS0166TE-2			NA	NA	NA	0.009 AC (413 SF)±	DRIVE		
1DS0168	Itasca Joint Venture, LLC, an Illinois Limited Liability Company	8.568 AC±	0.070 AC±	NA	8.498 AC±	NA	NA	02-12-204-011 02-12-204-012	
1DS0169	Itasca Bank & Trust Co., as Trustee under the provisions of a Trust Agreement dated the 13th day of March, 1989 and known as Trust No. 10686	1.188 AC±	0.045 AC±	NA	1.143 AC±	NA	NA	02-12-204-014	
1DS0170	Itasca Bank & Trust Co., as Trustee under the provisions of a Trust Agreement dated October 31, 1988 and known as Trust No. 10648	0.707 AC±	0.036 AC±	NA	0.671 AC±	NA	NA	02-12-204-016	
1DS0171DED	Maya and Jiya, Inc.	0.670 AC±	0.125 AC±*	NA	0.670 AC±	NA	NA	02-12-204-006	
1DS0171TE			NA	NA	NA	0.019 AC±	DRIVE		

* AREA TO BE ACQUIRED BY DEDICATION ONLY



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
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 39.41' MEASURED DIMENSION
- ( ) RECORD DATA
- EXISTING BUILDINGS
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- PK NAIL 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 THE GROUND TO TIE MONUMENTATION. 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 ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. 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, IDOT STD. 2136 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 40 NORTH, RANGE 10 EAST, AND SECTION 19, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

RECEIVED
NOV 15 2010
PLATS & LEGALS

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 8/27/03

RECEIVED
NOV 12 2010
PLATS & LEGALS

HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS · STRUCTURAL ENGINEERS · LAND SURVEYORS
386 SHEPARD DRIVE
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PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY — SECTION
PROJECT — JOB NO. R-91-069-00
STATION 6+50 (IL RTE 19) TO STATION 13+50
SCALE: 1"=30' — SHEET 29 OF X

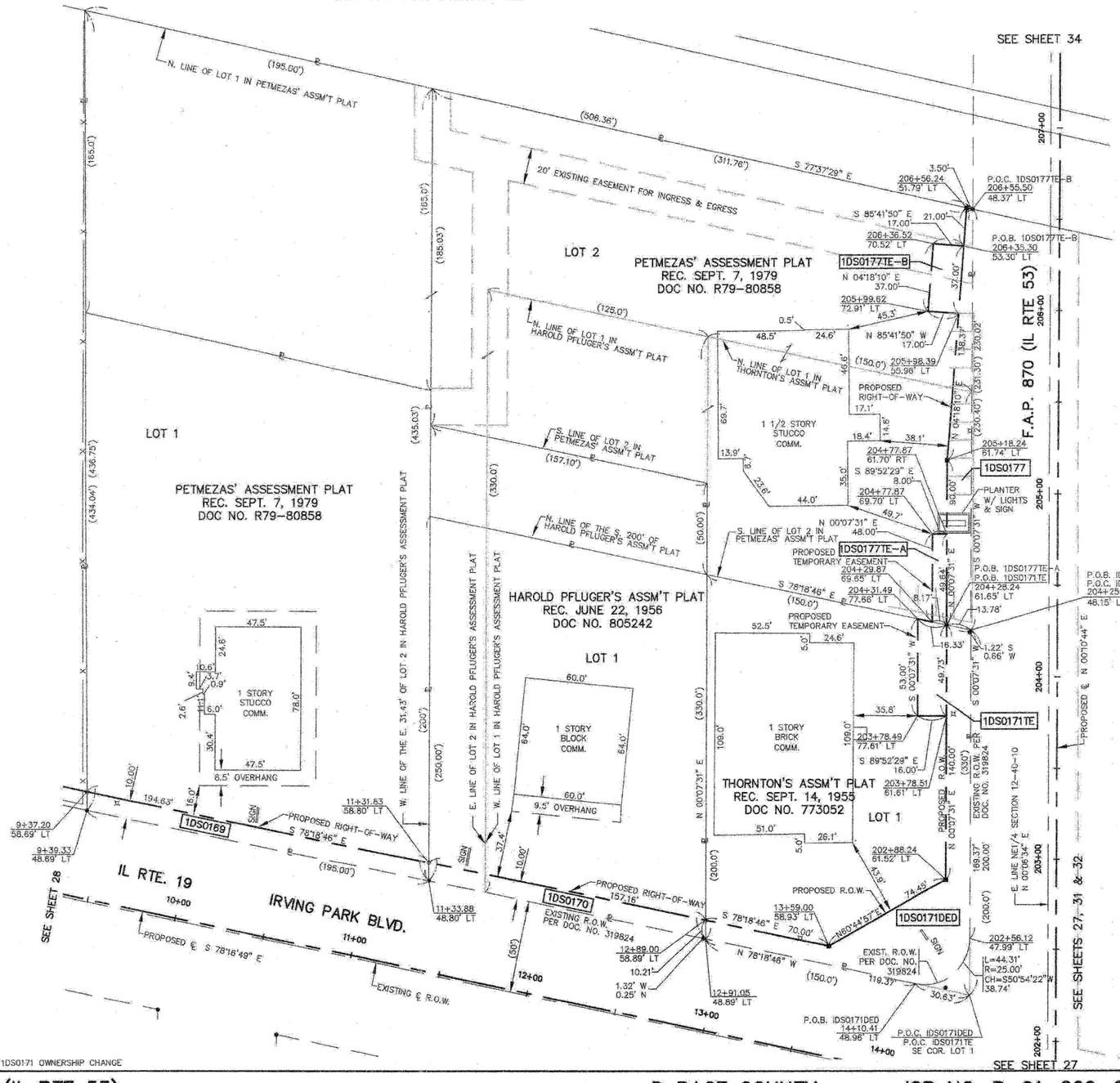
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISED 11/10/10 REVISED PARCEL 1DS0166 , ADDED PE, TE-1 & TE-2
REVISED 8/24/09 PARCEL 1DS0166 OWNERSHIP CHANGE, PIN CHANGE
REVISED 8/09/09 PARCELS 1DS0162, 1DS0165, 1DS0168 & 1DS0171 OWNERSHIP CHANGES; PARCEL 1DS0168 REVISE TOTAL HOLDING

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0169	Itasca Bank & Trust Co., as Trustee under the provisions of a Trust Agreement dated the 13th day of March, 1989 and known as Trust No. 10686	1.188 AC±	0.045 AC±	NA	1.143 AC±	NA	NA	02-12-204-014	
1DS0170	Itasca Bank & Trust Co., as Trustee under the provisions of a Trust Agreement dated October 31, 1988 and known as Trust No. 10648	0.707 AC±	0.038 AC±	NA	0.671 AC±	NA	NA	02-12-204-016	
1DS0171DED	Maya and Jiya, Inc.	0.670 AC±	0.125 AC±*	NA	0.670 AC±	NA	NA	02-12-204-006	
1DS0171TE			NA	NA	NA	0.019 AC±	DRIVE		
1DS0177	ITASCA BANK AND TRUST CO., TRUSTEE, Tr. No. 10237	2.157 AC±	0.055 AC±	NA	2.102 AC±	NA	NA	02-12-204-010	
1DS0177TE-A			NA	NA	NA	0.009 AC (391 SF)±	DRIVE		
1DS0177TE-B			NA	NA	NA	0.014 AC±	DRIVE		

* AREA TO BE ACQUIRED BY DEDICATION ONLY



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 39.41' MEASURED DIMENSION
- ( ) RECORD DATA
- N
- EXISTING BUILDINGS
- 30 0 15 30
- ● IRON PIPE OR ROD FOUND
- ⊕ PK NAIL FOUND OR 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 THE GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- ◒ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- ◻ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }
SS
COUNTY OF KANE }

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 40 NORTH, RANGE 10 EAST, AND SECTION 19, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302

ACCOUNT NO. 2-04-0052(c)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

HAMPTON, LENZINI AND RENWICK, INC.
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RECEIVED
AUG 25 2009
PLATS & LEGALS

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY — SECTION
PROJECT — JOB NO. R-91-069-00
STATION 9+00 (IL RTE 19) TO STATION 15+00
SCALE: 1"=30' — SHEET 30 OF X

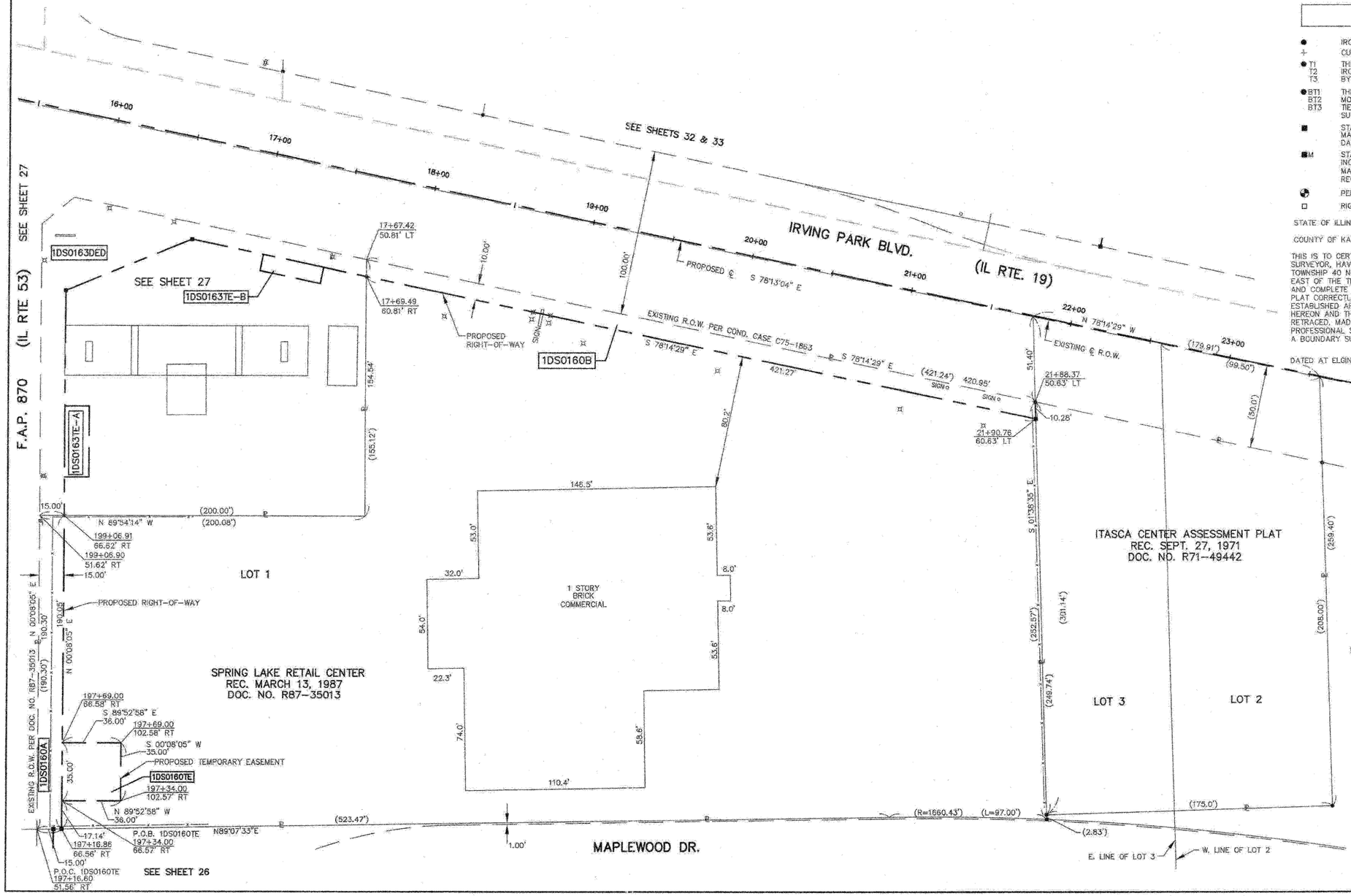
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISED 8/09/09 PARCEL 1DS0171 OWNERSHIP CHANGE

PART OF SECTION 7, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0160A	United States Postal Service	3.690AC±	0.065 AC±	NA	3.528 AC±	NA	NA	03-07-103-013	
1DS0160B			0.097 AC±	NA		NA	NA		
1DS0160TE			NA	NA	NA	0.029 AC±	GRADING		
1DS0163DED	Mobil Oil Corporation	0.802 AC±	0.147 AC±*	NA	0.802 AC±	NA	NA	03-07-103-015	
1DS0163TE-A			NA	NA	NA	0.015 AC±	DRIVE		
1DS0163TE-B			NA	NA	NA	0.009 AC (380 SF)±	DRIVE		

* AREA TO BE ACQUIRED BY DEDICATION ONLY



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 39.41' MEASURED DIMENSION
- ( ) RECORD DATA

N

EXISTING BUILDINGS

30 0 15 30

- ● IRON PIPE OR ROD FOUND
- ⊕ PK NAIL FOUND OR 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 THE GROUND TO TIE MONUMENTATION. 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 ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- ◔ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 40 NORTH, RANGE 10 EAST, AND SECTION 19, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 8/27/03

RECEIVED
SEP 02 2009
PLATS & LEGALS

HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS · STRUCTURAL ENGINEERS · LAND SURVEYORS
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
847.697.6700 www.hlrengineering.com
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ILLINOIS PROFESSIONAL DESIGN FIRM & STRUCTURAL ENGINEERING CORP.

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

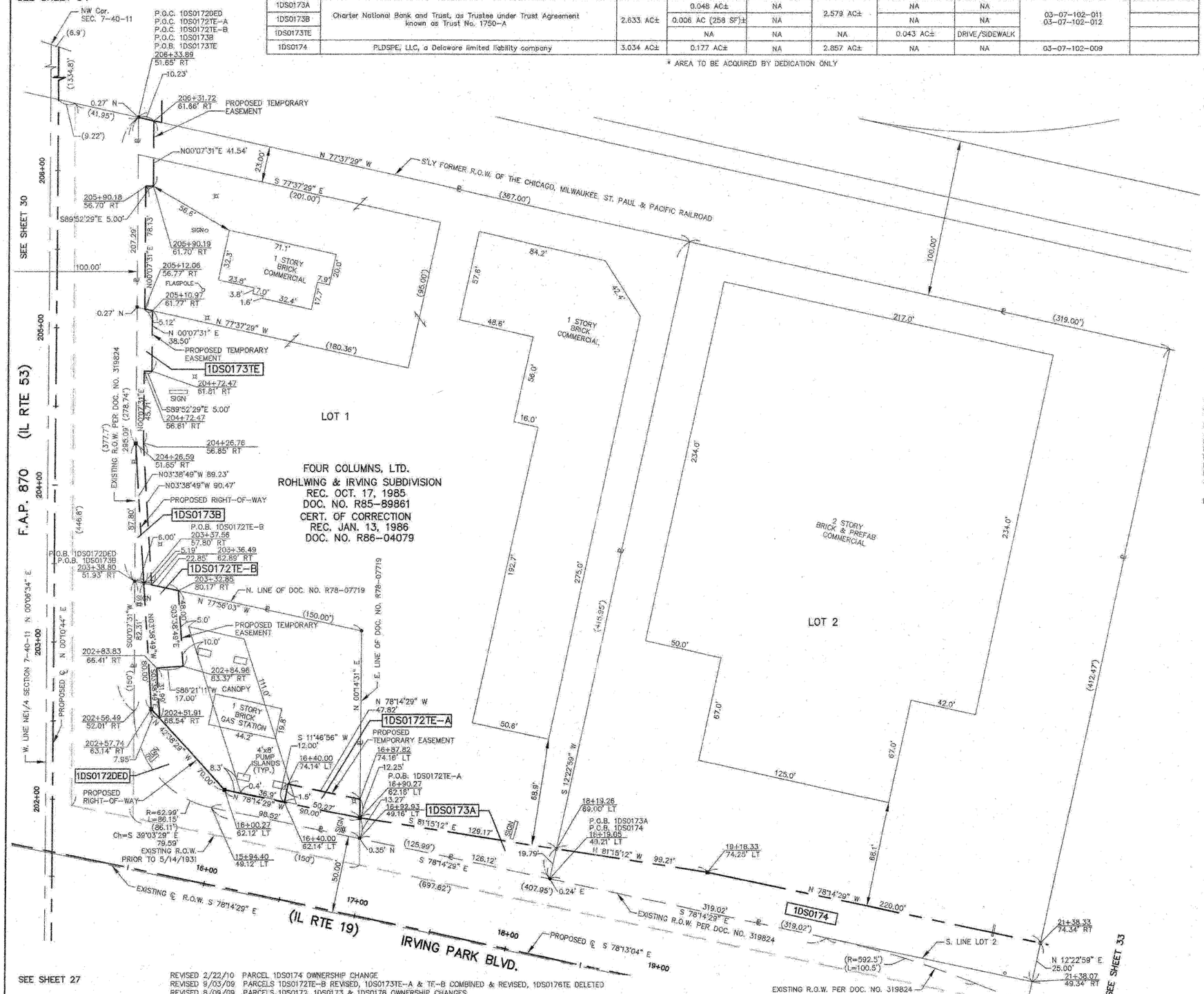
DuPAGE COUNTY SECTION
PROJECT JOB NO. R-91-069-00
STATION 16+00 (IL RTE 19) TO STATION 24+00
SCALE: 1"=30' SHEET 31 OF X

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

PART OF SECTION 7, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0172DED	1149 Irving Park Real Estate, Inc., an Illinois corporation	0.437 AC±	0.081 AC±*	NA	0.437 AC±	NA	NA	03-07-102-005	
1DS0172TE-A			NA	NA	NA	0.014 AC±	DRIVE		
1DS0172TE-B			NA	NA	NA	0.029 AC±	DRIVE/SIDEWALK		
1DS0173A	Charter National Bank and Trust, as Trustee under Trust Agreement known as Trust No. 1750-A	2.633 AC±	0.048 AC±	NA	2.579 AC±	NA	NA	03-07-102-011 03-07-102-012	
1DS0173B			0.006 AC (258 SF)±	NA		NA	NA		
1DS0173TE			NA	NA	NA	0.043 AC±	DRIVE/SIDEWALK		
1DS0174	PLDSPE, LLC, a Delaware limited liability company	3.034 AC±	0.177 AC±	NA	2.857 AC±	NA	NA	03-07-102-009	

* AREA TO BE ACQUIRED BY DEDICATION ONLY



REVISED 2/22/10 PARCEL 1DS0174 OWNERSHIP CHANGE
REVISED 9/03/09 PARCELS 1DS0172TE-B REVISED, 1DS0173TE-A & TE-B COMBINED & REVISED, 1DS0176TE DELETED
REVISED 8/09/09 PARCELS 1DS0172, 1DS0173 & 1DS0178 OWNERSHIP CHANGES

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
CENTERLINE
EXISTING RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
39.41' MEASURED DIMENSION
( ) RECORD DATA
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⊕ PK NAIL FOUND OR SET
+ CUT CROSS FOUND OR SET
○ 5/8" REBAR SET
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)SS
COUNTY OF KANE)

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DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

RECEIVED
FEB 23 2010
PLATS & LEGALS

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

HAMPTON, LENZINI AND RENWICK, INC.
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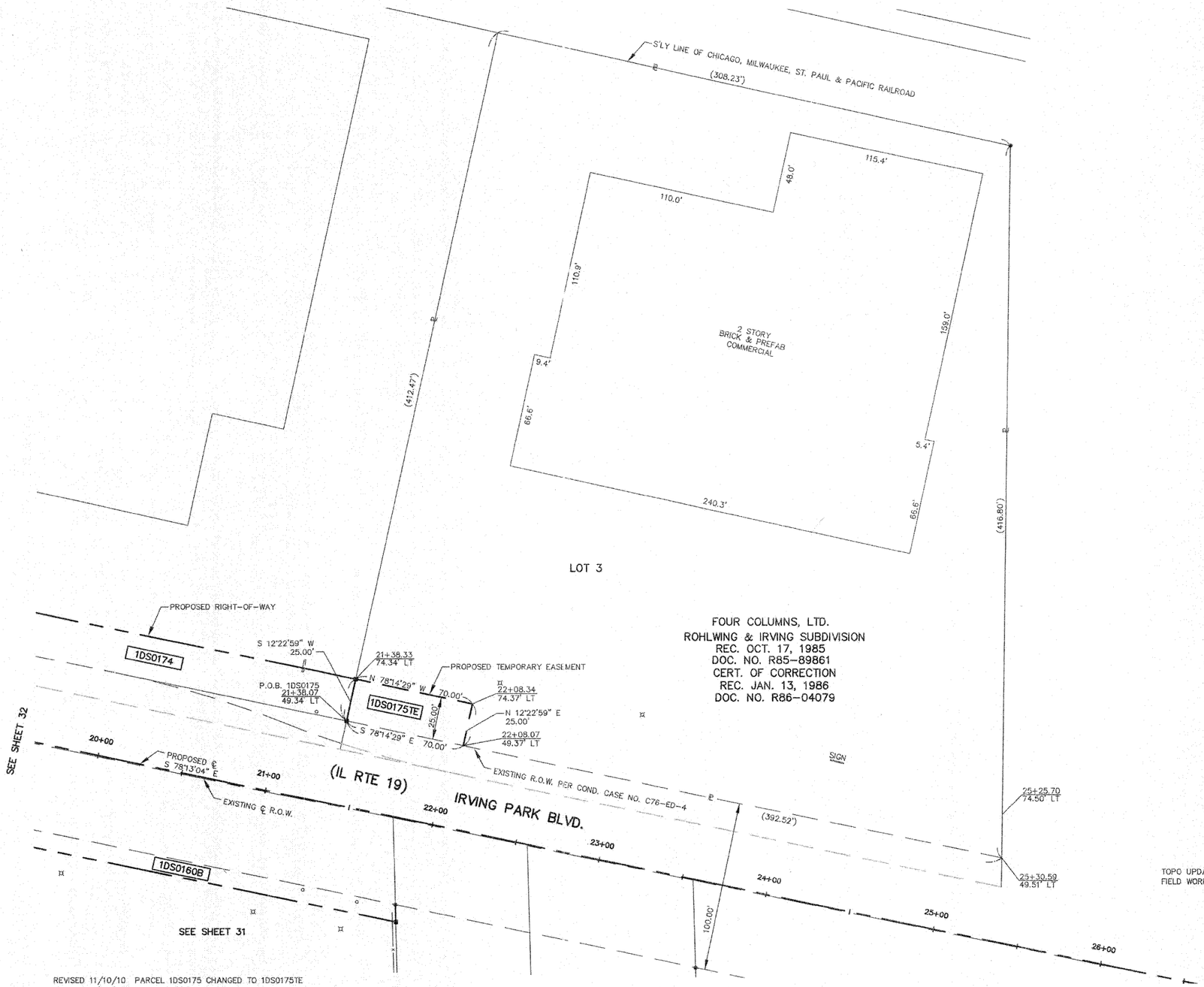
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY SECTION
PROJECT JOB NO. R-91-069-00
STATION 15+00 (IL RTE 19) TO STATION 21+50
SCALE: 1"=30' SHEET 32 OF X

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

PART OF SECTION 7, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0160A	United States Postal Service	3.690 AC±	0.065 AC±	NA	3.528 AC±	NA	NA	03-07-103-013	
1DS0160B			0.097 AC±	NA		NA	NA		
1DS0160TE			NA	NA	NA	0.029 AC±	GRADING		
1DS0174	PLDSPE, LLC, a Delaware limited liability company	3.034 AC±	0.177 AC±	NA	2.857 AC±	NA	NA	03-07-102-009	
1DS0175	West Suburban Industrial, SDCO, Inc.	3.303 AC±	NA	NA	NA	0.040 AC±	CONSTRUCTION	03-07-102-010	



FOUR COLUMNS, LTD.
ROHLWING & IRVING SUBDIVISION
REC. OCT. 17, 1985
DOC. NO. R85-89861
CERT. OF CORRECTION
REC. JAN. 13, 1986
DOC. NO. R86-04079

REVISED 11/10/10 PARCEL 1DS0175 CHANGED TO 1DS0175TE
REVISED 2/22/10 PARCEL 1DS0174 OWNERSHIP CHANGE

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
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APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
39.41' MEASURED DIMENSION
( ) RECORD DATA

N

EXISTING BUILDINGS

39 0 15 30

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

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)SS
COUNTY OF KANE)

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DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

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ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302

ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

RECEIVED
NOV 12 2010
PLATS & LEGALS

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 8/27/03

HAMPTON, LENZINI AND RENWICK, INC.
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ELGIN, ILLINOIS 60123
847.697.6700 www.hlrengineering.com
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ILLINOIS PROFESSIONAL DESIGN FIRM & STRUCTURAL ENGINEERING CORP.

PLAT OF HIGHWAYS

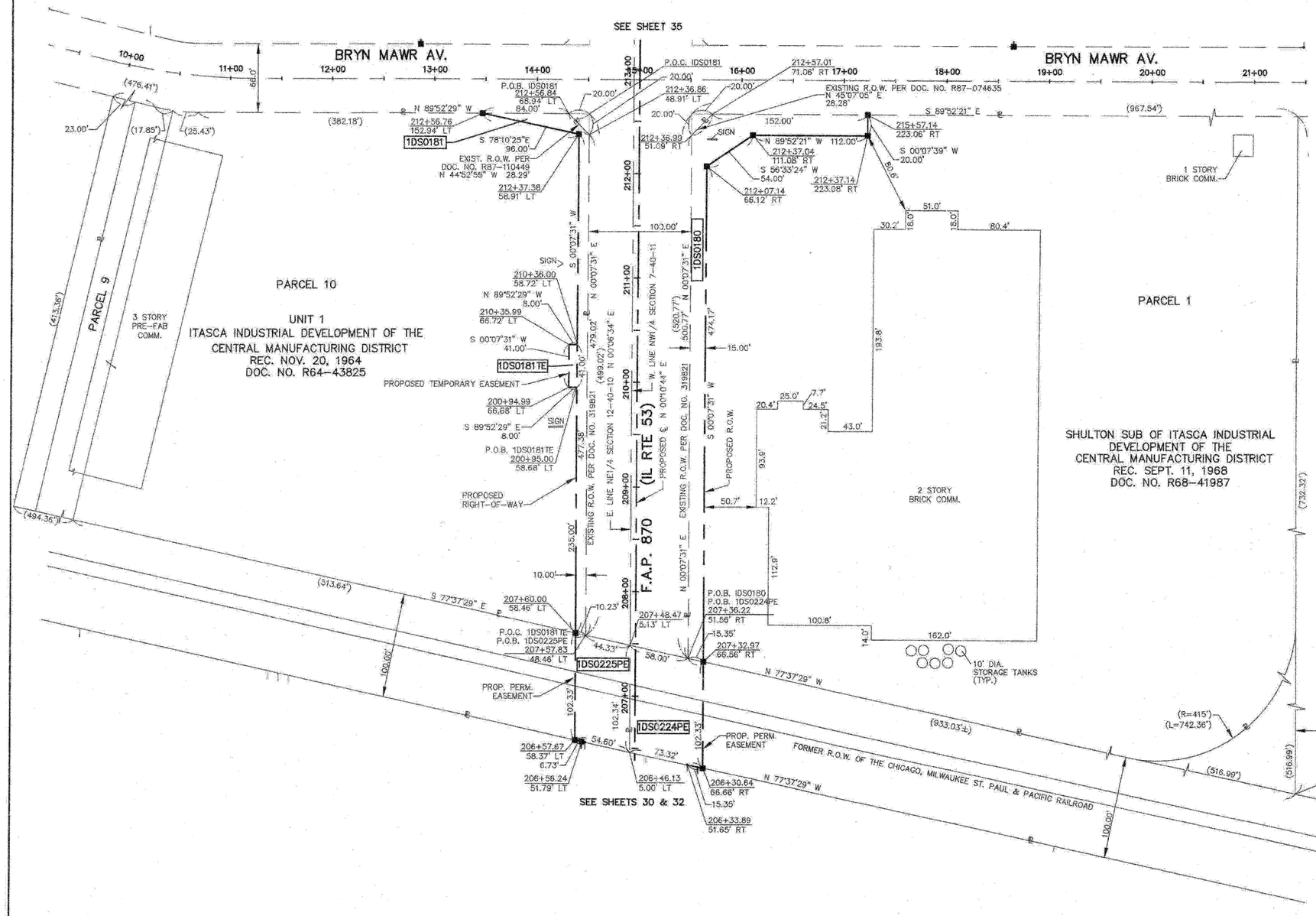
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY SECTION
PROJECT JOB NO. R-91-069-00
STATION 20+00 (IL RTE 19) TO STATION 26+00
SCALE: 1"=30' SHEET 33 OF X

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

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST & SECTION 7, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0224PE	The Commuter Rail Division of the Regional Transportation Authority also known as Metra	NA	NA	NA	NA	0.168 AC±	RIGHT-OF-WAY	03-07-504-001	
1DS0225PE	The Commuter Rail Division of the Regional Transportation Authority also known as Metra	NA	NA	NA	NA	0.125 AC±	RIGHT-OF-WAY	02-12-504-002	
1DS0180	Illinois Tool Works, Inc.	12.522 AC±	0.263 AC±	NA	12.259 AC±	NA	NA	03-07-101-005	
1DS0181	Ingraffia-Gambino Investments, LLC, an Illinois limited liability company	9.106 AC±	0.131 AC±	NA	8.975 AC±	NA	NA	02-12-201-019	
1DS0181TE			NA	NA	NA	0.008 AC (328 SF±)	DRIVE		



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
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- PLATTED LOT LINE
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- APL — APPARENT PROPERTY LINE
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- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 39.41' — MEASURED DIMENSION
- ( ) — RECORD DATA
- EXISTING BUILDINGS
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ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

RECEIVED
MAR 2 92010
PLATS & LEGALS

LICENSE EXPIRES 11/30/2010

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REVISED 3/29/10 PARCELS 1DS0224PE & 1DS0225PE OWNERSHIP CHANGES
REVISED 2/22/10 PARCEL 1DS0181 OWNERSHIP CHANGE
REVISED 12/23/09 ADDED PARCELS 1DS0224PE & 1DS0225PE
REVISED 8/09/09 PARCEL 1DS0181 OWNERSHIP CHANGE

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY SECTION
PROJECT JOB NO. R-91-069-00
STATION 206+00 TO STATION 213+00
SCALE: 1"=50' SHEET 34 OF X

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

PART OF SECTION 12, TWP 40 NORTH, RANGE 10 EAST & SECTION 7, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS.

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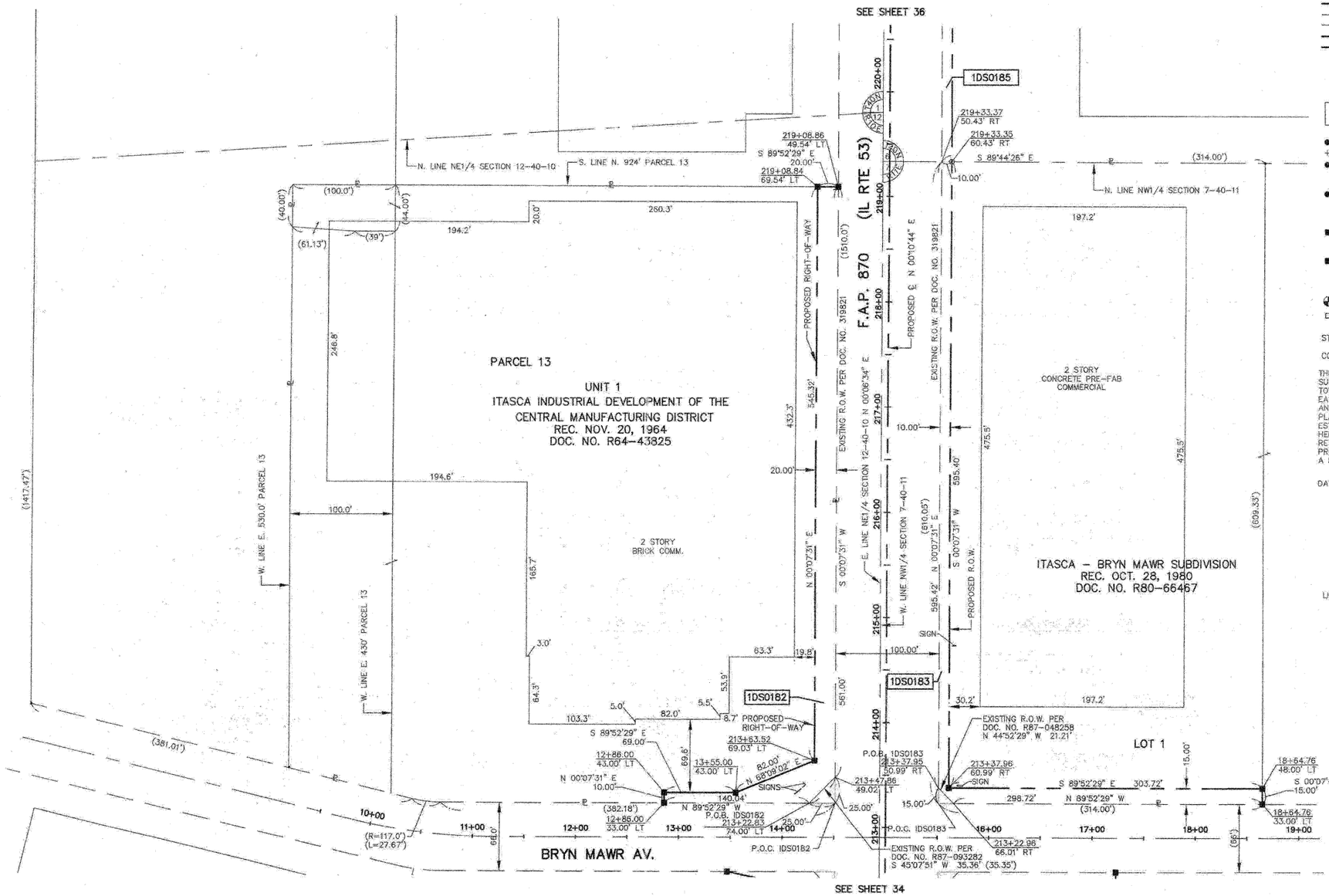
1DS0182	IP Eat Five, LLC, a Delaware Limited Liability Company	7.073 AC±	0.322 AC±	NA	6.751 AC±	NA	NA	02-12-214-010	
1DS0183	AMB-SGP CIF-Illinois, L.P.	16.693 AC±	0.242 AC±	NA	16.451 AC±	NA	NA	03-07-100-009	
1DS0185	210 Mittel Drive Partnership	5.444 AC±	0.102 AC±	NA	5.342 AC±	NA	NA	03-06-303-006	



LEGEND

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)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 40 NORTH, RANGE 10 EAST, AND SECTION 19, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

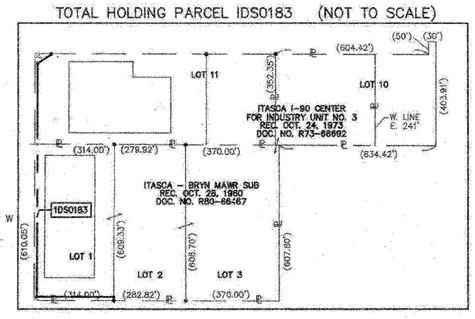
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302

ACCOUNT NO. 2-04-0052(a)

LICENSE EXPIRES 11/30/2010

RECEIVED
AUG 17 2010
PLATS & LEGALS

TOTAL HOLDING PARCEL 1DS0183 (NOT TO SCALE)



TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS • STRUCTURAL ENGINEERS • LAND SURVEYORS
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
847.697.6700 www.hlrengineering.com
184.000959
ILLINOIS PROFESSIONAL DESIGN FIRM & STRUCTURAL ENGINEERING CORP.

REVISED 8/09/09 PARCEL 1DS0182 OWNERSHIP CHANGE

PLAT OF HIGHWAYS

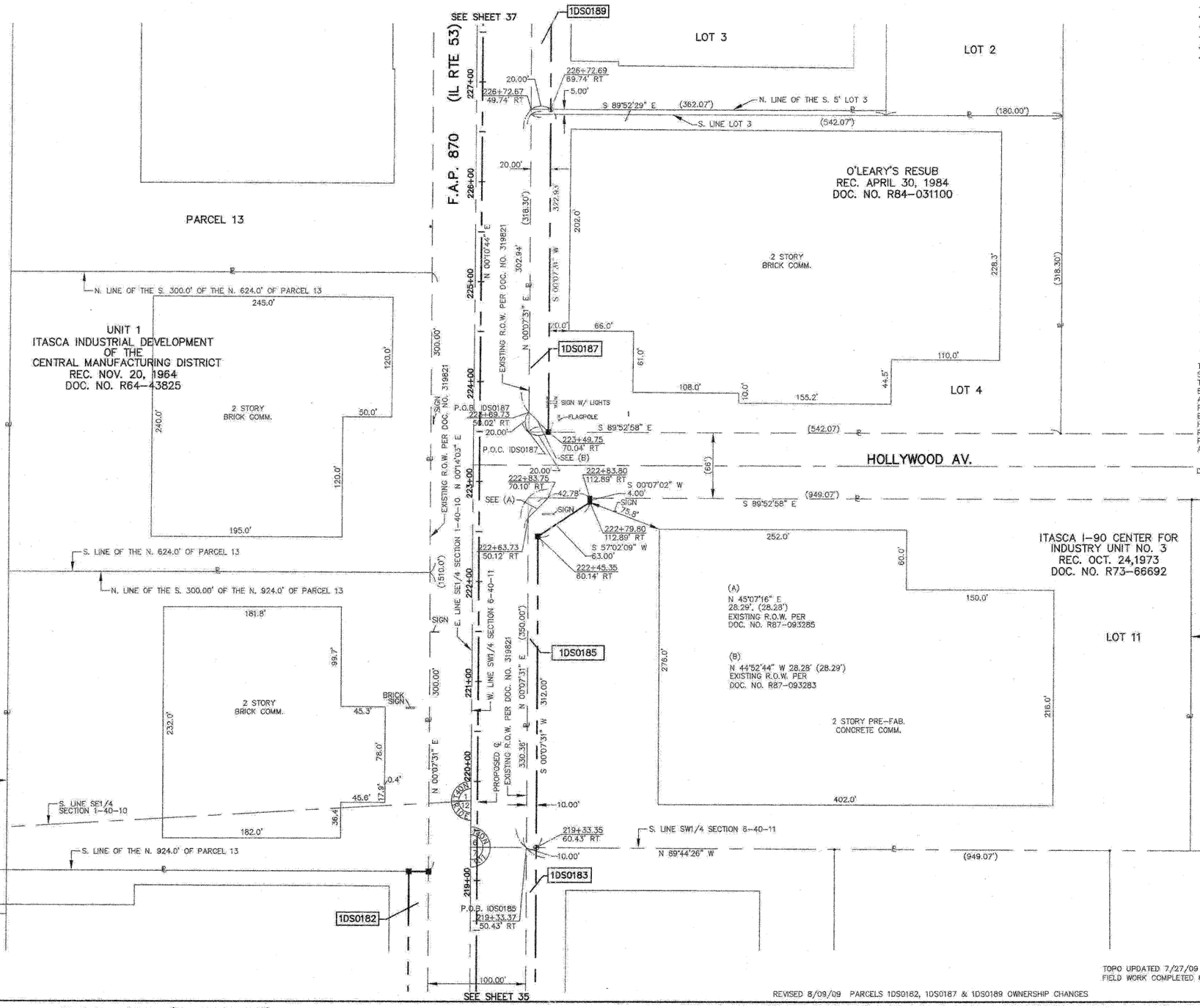
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY	SECTION
PROJECT	JOB NO. R-91-069-00
STATION 213+00	TO STATION 219+50
SCALE: 1"=50'	SHEET 35 OF X

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

PART OF SECTION 1, TWP 40 NORTH, RANGE 10 EAST & SECTION 6, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0182	IP Eat Five, LLC, a Delaware Limited Liability Company	7.073 AC±	0.322 AC±	NA	6.751 AC±	NA	NA	02-12-214-010	
1DS0183	AMB-SGP CIF-Illinois, L.P.	16.693 AC±	0.242 AC±	NA	16.451 AC±	NA	NA	03-07-100-009	
1DS0185	210 Mittel Drive Partnership	5.444 AC±	0.102 AC±	NA	5.342 AC±	NA	NA	03-06-303-006	
1DS0187	ZJB Properties, L.L.C., an Illinois limited liability company	3.993 AC±	0.144 AC±	NA	3.849 AC±	NA	NA	03-06-302-014	
1DS0189	TR Property Management, LLC, an Illinois limited liability company	1.885 AC±	0.102 AC±	NA	1.783 AC±	NA	NA	03-06-302-012	



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT

39.41' MEASURED DIMENSION

( ) RECORD DATA

EXISTING BUILDINGS

- ● IRON PIPE OR ROD FOUND
- ⊕ PK NAIL FOUND OR 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 THE GROUND TO TIE MONUMENTATION. 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 ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION, 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 IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◓ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS } SS
COUNTY OF KANE }

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 40 NORTH, RANGE 10 EAST, AND SECTION 19, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302

ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

RECEIVED AUG 11 2009

PLATS & LEGALS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

HAMPTON, LENZINI AND RENWICK, INC.
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ILLINOIS PROFESSIONAL DESIGN FIRM & STRUCTURAL ENGINEERING CORP.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

REVISED 8/09/09 PARCELS 1DS0182, 1DS0187 & 1DS0189 OWNERSHIP CHANGES

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

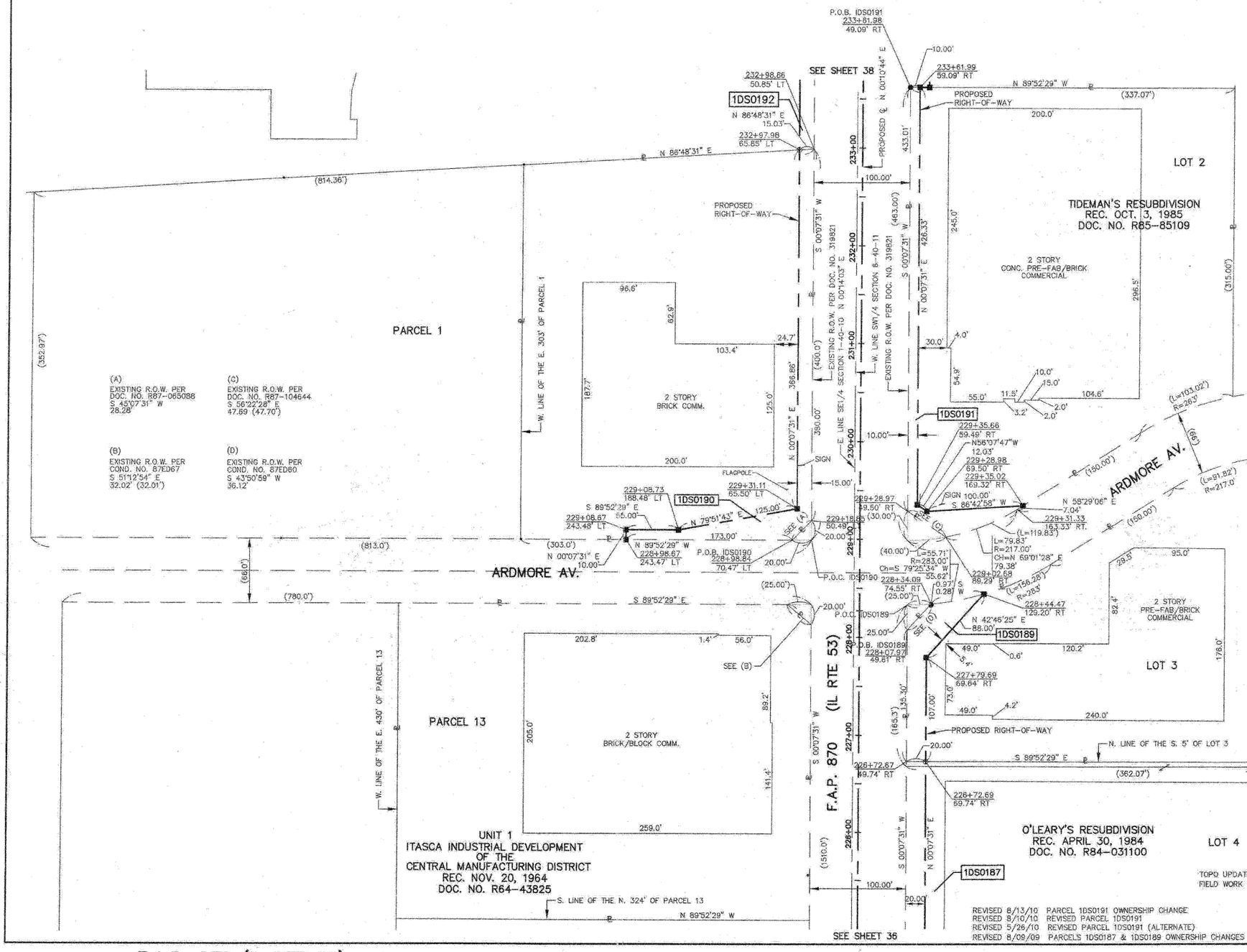
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY — SECTION
PROJECT — JOB NO. R-91-069-00
STATION 219+00 — TO STATION 227+00
SCALE: 1"=50' — SHEET 36 OF X

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

PART OF SECTION 1, TWP 40 NORTH, RANGE 10 EAST & SECTION 6, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

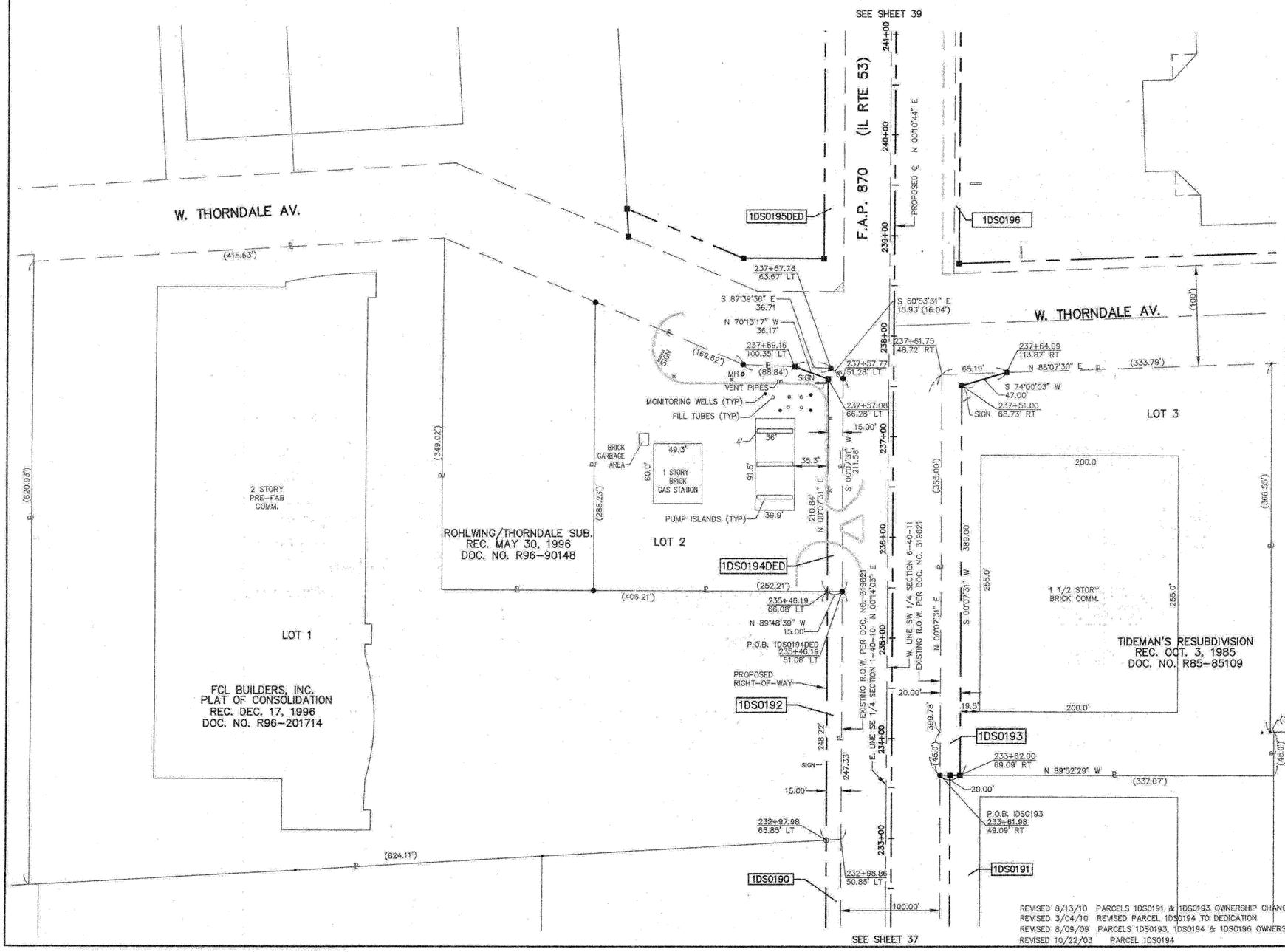
PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0187	ZJB Properties, L.L.C., an Illinois limited liability company	3.993 AC±	0.144 AC±	NA	3.849 AC±	NA	NA	03-06-302-014	
1DS0189	TR Property Management, LLC, an Illinois limited liability company	1.885 AC±	0.102 AC±	NA	1.783 AC±	NA	NA	03-06-302-012	
1DS0190	Alan W. Jardis	2.717 AC±	0.205 AC±	NA	2.512 AC±	NA	NA	02-01-402-025	
1DS0191	Zeke Partners, LLC, an Illinois limited liability company	3.040 AC±	0.143 AC±	NA	2.897 AC±	NA	NA	03-06-301-016	
1DS0192	The Manufacturers Life Insurance Company	8.350 AC±	0.085 AC±	NA	8.265 AC±	NA	NA	02-01-402-032	



PART OF SECTION 1, TWP 40 NORTH, RANGE 10 EAST & SECTION 6, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0190	Alan W. Jardis	2.717 AC±	0.205 AC±	NA	2.512 AC±	NA	NA	02-01-402-025	
1DS0191	Zeke Partners, LLC, an Illinois limited liability company	3.040 AC±	0.242 AC±	NA	2.798 AC±	NA	NA	03-06-301-016	
1DS0192	The Manufacturers Life Insurance Company	8.350 AC±	0.085 AC±	NA	8.265 AC±	NA	NA	02-01-402-032	
1DS0193	1140 West Thorndale Avenue Investors, LLC, a Delaware limited liability company	3.112 AC±	0.190 AC±	NA	2.922 AC±	NA	NA	03-06-301-012	
1DS0194DED	Gullo Property, LLC	1.401 AC±	0.079 AC±*	NA	1.401 AC±	NA	NA	02-01-402-030	
1DS0195DED	HP/Old Thorndale #2 Limited Partnership	10.404 AC±	0.407 AC±*	NA	10.404 AC±	NA	NA	02-01-400-018	
1DS0196	Tortorello Family Limited Partnership by Lynn L. Tortorello and Anthony W. Tortorello, Trustees of the Lynn L. Tortorello Living Trust, dated May 22, 2009, General Partnership	2.741 AC±	0.128 AC±	NA	2.613 AC±	NA	NA	03-06-300-009	

*AREA TO BE ACQUIRED BY DEDICATION ONLY



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
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 39.41' MEASURED DIMENSION
- ( ) RECORD DATA
- EXISTING BUILDINGS
- IRON PIPE OR ROD FOUND
- PK NAIL FOUND OR SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
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- PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
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STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

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DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

RECEIVED
AUG 13 2010
PLATS & LEGALS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

HAMPTON, LENZINI AND RENWICK, INC.
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REVISED 8/13/10 PARCELS 1DS0191 & 1DS0193 OWNERSHIP CHANGES
REVISED 3/04/10 REVISED PARCEL 1DS0194 TO DEDICATION
REVISED 8/09/08 PARCELS 1DS0193, 1DS0194 & 1DS0196 OWNERSHIP CHANGES
REVISED 10/22/03 PARCEL 1DS0194

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

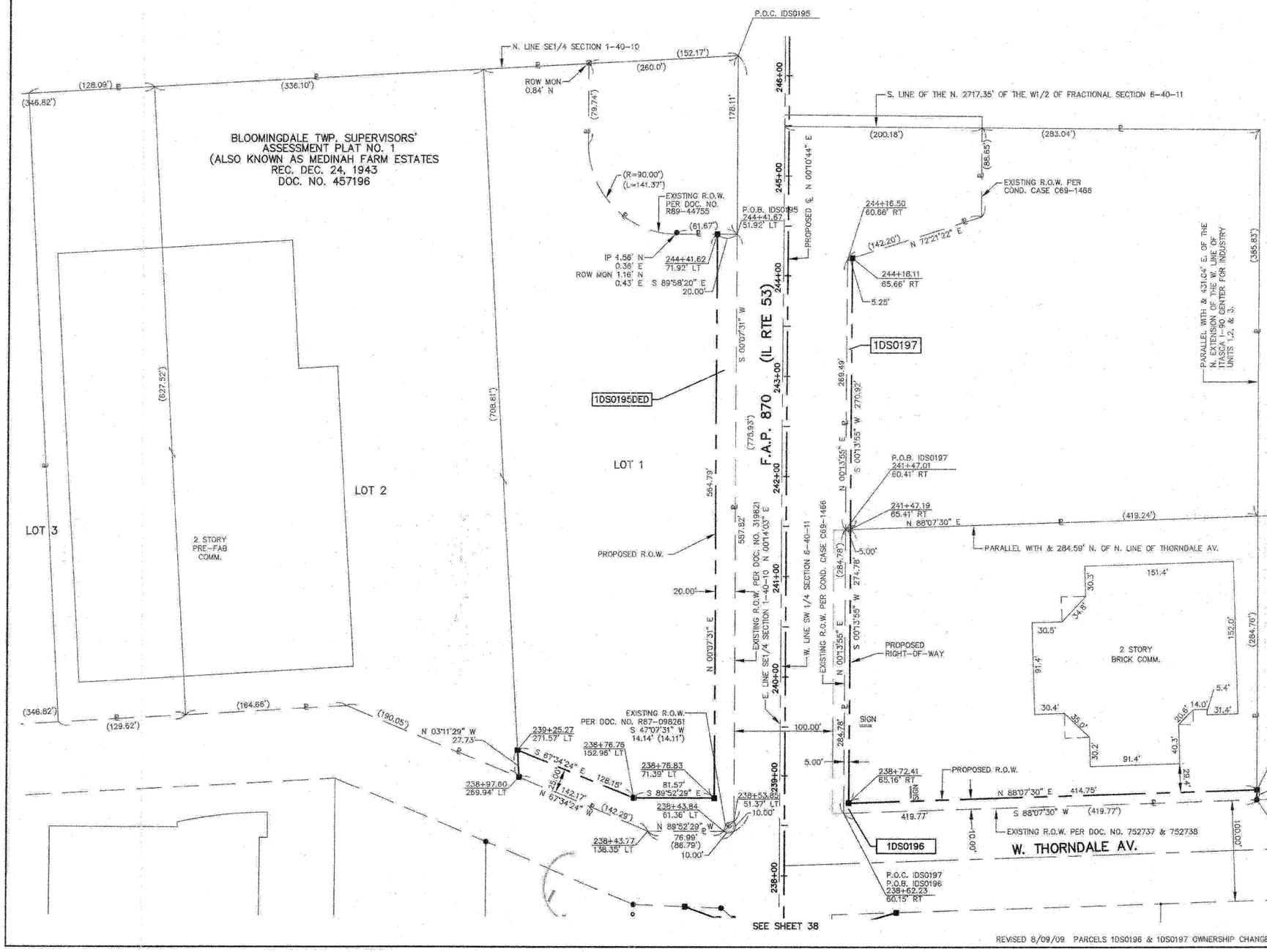
DuPAGE COUNTY — SECTION
PROJECT — JOB NO. R-91-069-00
STATION 233+00 — TO STATION 238+00
SCALE: 1"=50' — SHEET 38 OF X

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

PART OF SECTION 1, TWP 40 NORTH, RANGE 10 EAST & SECTION 6, TWP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	TAX NUMBER	PROPERTY ACQUIRED BY
1DS0195DED	HP/Old Thorndale #2 Limited Partnership	10.404 AC±	0.407 AC±*	NA	10.404 AC±	NA	NA	02-01-400-018	
1DS0196	Tortorello Family Limited Partnership by Lynn L. Tortorello and Anthony W. Tortorello, Trustees of the Lynn L. Tortorello Living Trust, dated May 22, 2009, General Partnership	2.741 AC±	0.128 AC±	NA	2.613 AC±	NA	NA	03-06-300-009	
1DS0197	Village of Itasca	3.442 AC±	0.031 AC±	NA	3.411 AC±	NA	NA	03-06-300-008	

*AREA TO BE ACQUIRED BY DEDICATION ONLY



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
39.41' MEASURED DIMENSION
( ) RECORD DATA

N

EXISTING BUILDINGS

50 0 25 50

● IRON PIPE OR ROD FOUND
+ CUT CROSS FOUND OR SET
⊕ PK NAIL 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 THE GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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◔ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)

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STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

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DATED AT ELGIN, ILLINOIS, THIS _____ DAY OF _____, 20___ A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
ACCOUNT NO. 2-04-0052(a)

REJENA H. LYON 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2010

ALL BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83, EAST ZONE GRID.

RECEIVED
MAR 03 2010 BJC
PLATS & LEGALS

TOPO UPDATED 7/27/09
FIELD WORK COMPLETED 6/27/03

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PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 870 (IL RTE 53)

DuPAGE COUNTY SECTION
PROJECT JOB NO. R-91-069-00
STATION 238+00 TO STATION 245+00
SCALE: 1"=50' SHEET 39 OF X

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

REVISED 8/09/09 PARCELS 1DS0196 & 1DS0197 OWNERSHIP CHANGES

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

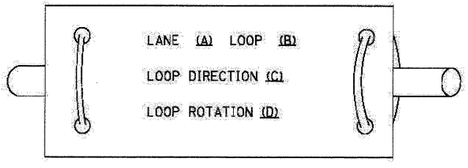
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

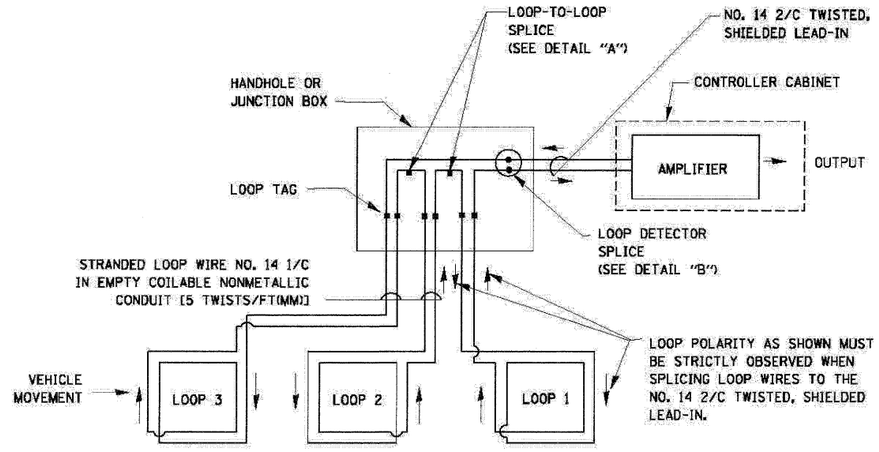


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



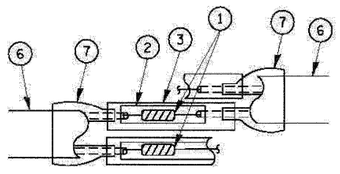
DETECTOR LOOP WIRING SCHEMATIC

- 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

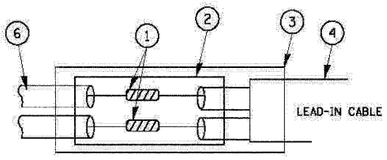
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

(6) PRE-FORMED LOOP

(7) XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME = $FILE1$	USER NAME = $USER$	DESIGNED - BAO	REVISED -
		DRAWN - BAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - BAO, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/7/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

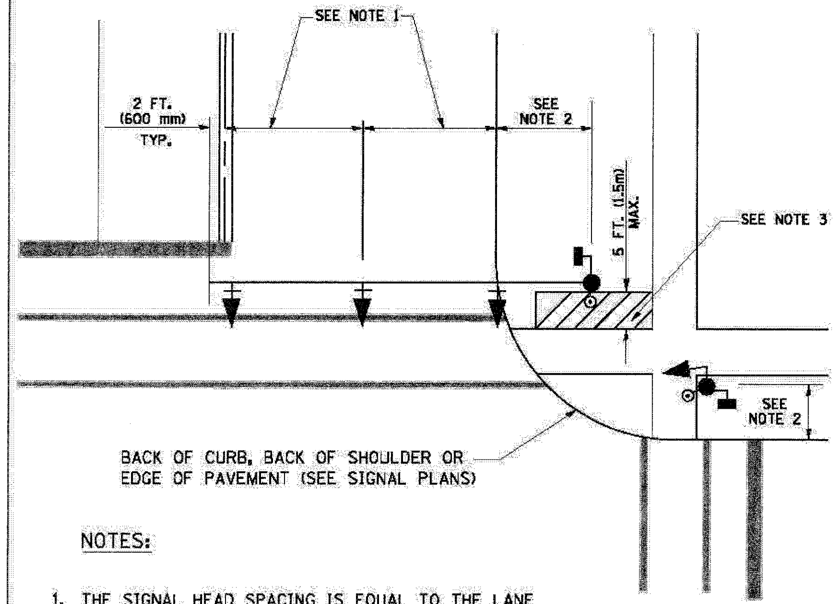
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	425
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

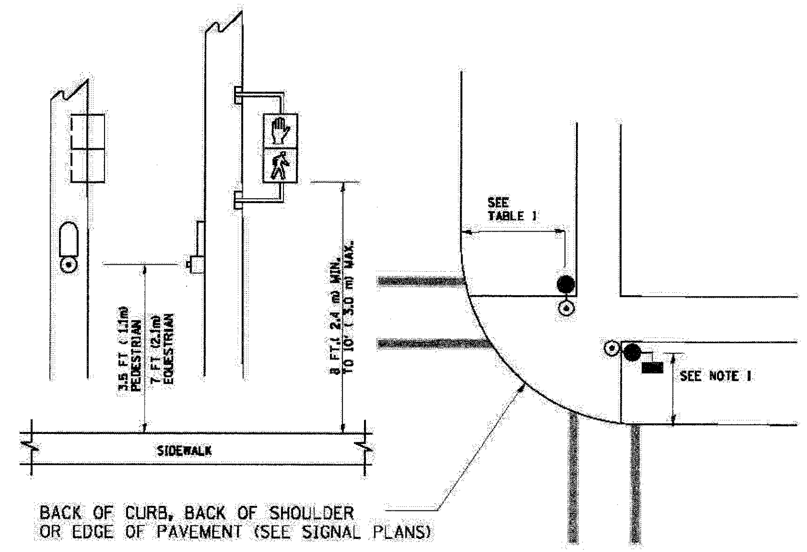
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

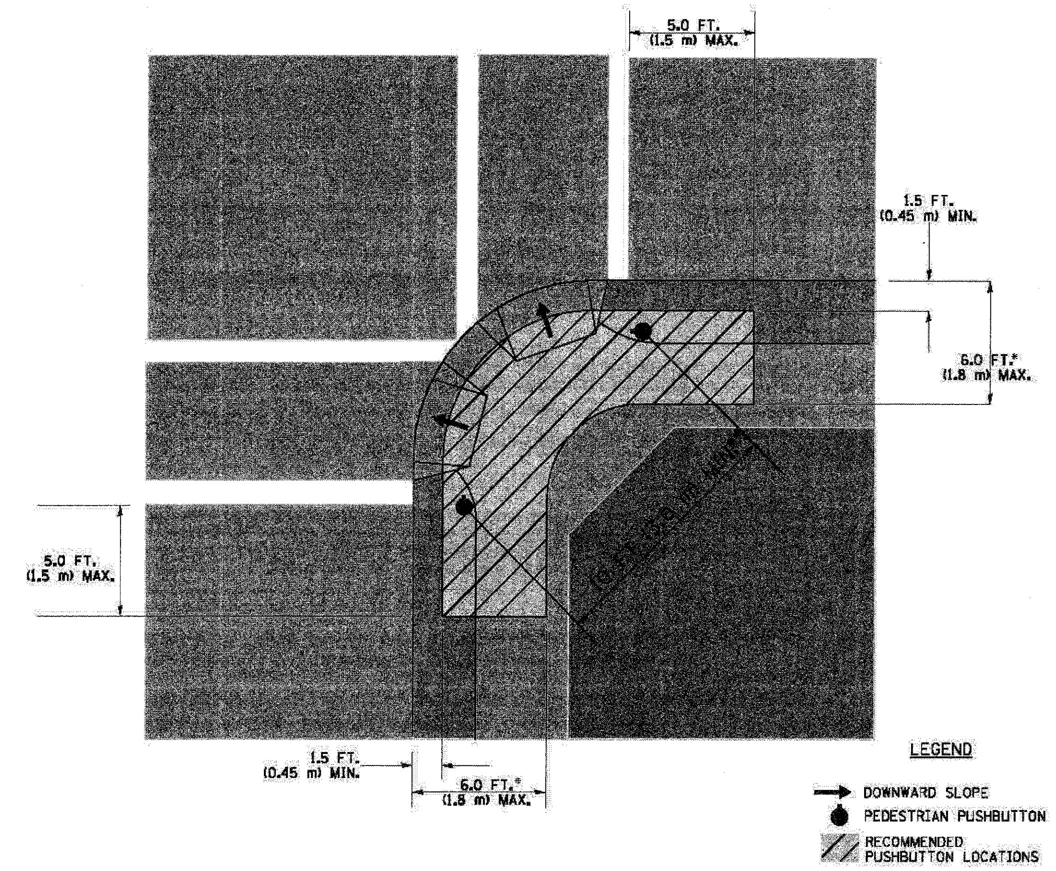
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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



* 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:

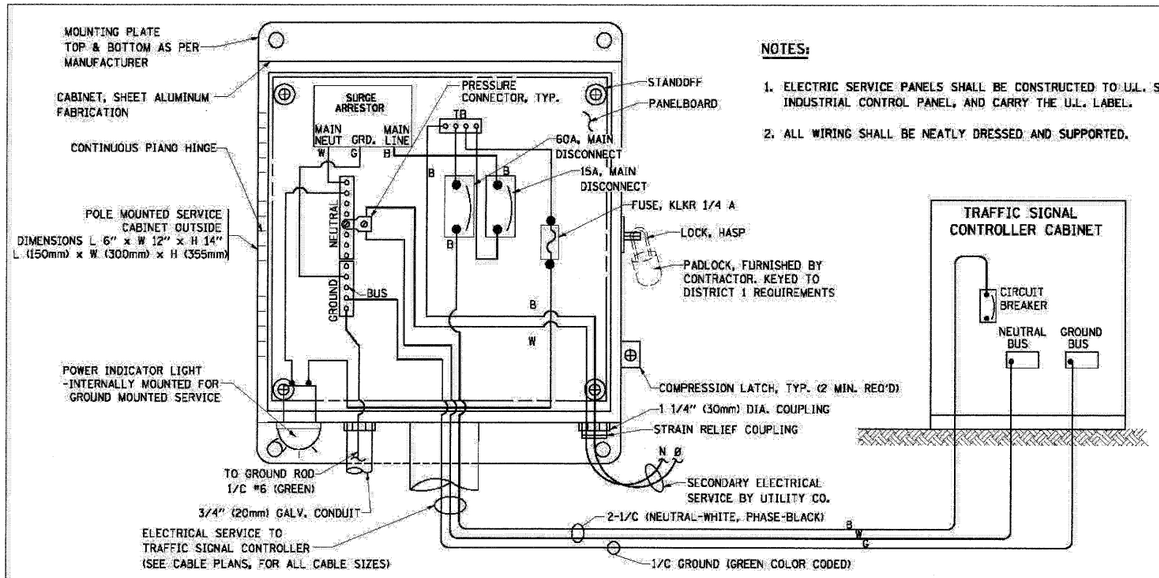
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM 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.



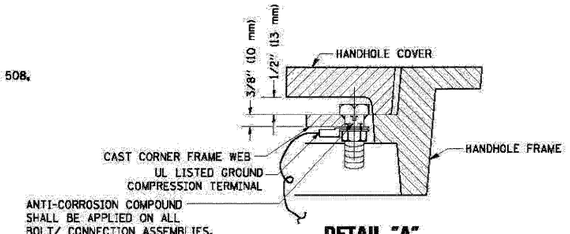
NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

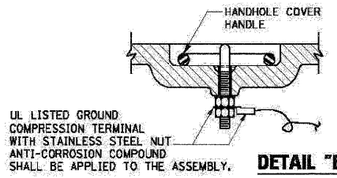
ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

(NOT TO SCALE)



DETAIL "A"

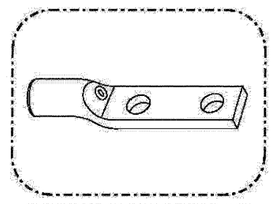


DETAIL "B"

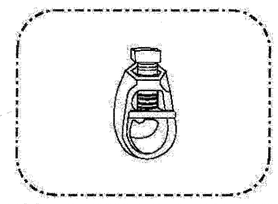
NOTES:

GROUNDING SYSTEM

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



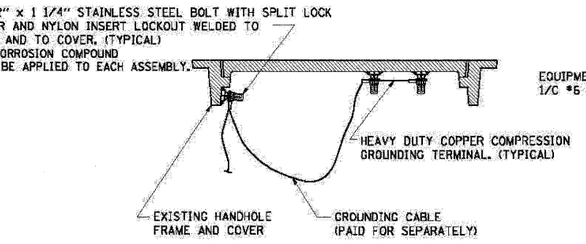
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

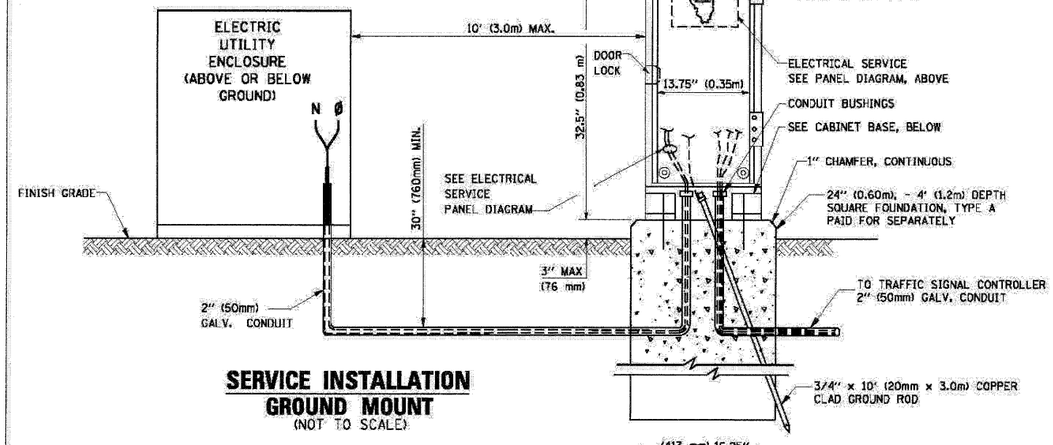
NOTES:

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



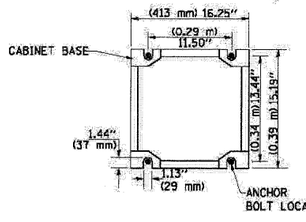
HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



SERVICE INSTALLATION GROUND MOUNT

(NOT TO SCALE)

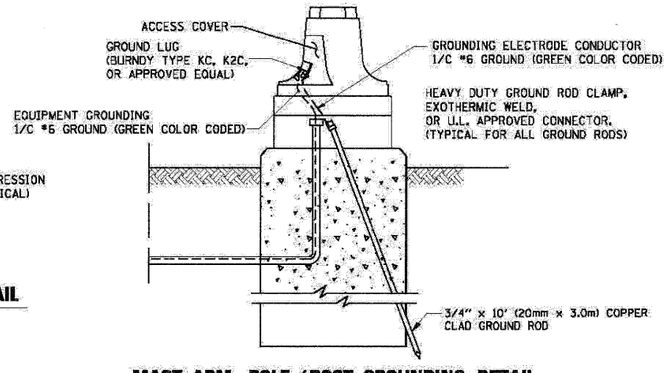


CABINET – BASE BOLT PATTERN

(NOT TO SCALE)

EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



MAST ARM POLE / POST–GROUNDING DETAIL

(NOT TO SCALE)

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		DRAWN - BKD, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - BKD, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/27/08 2:09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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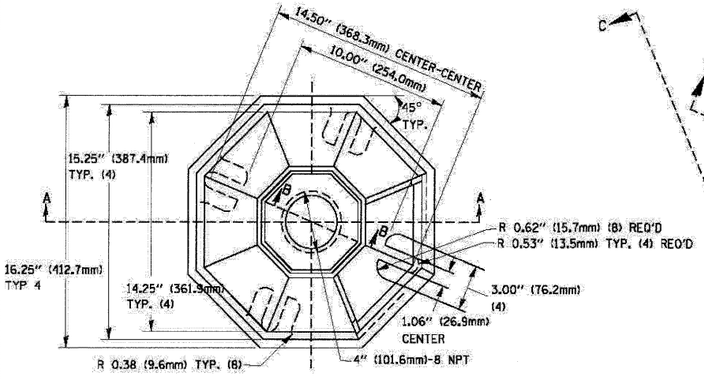
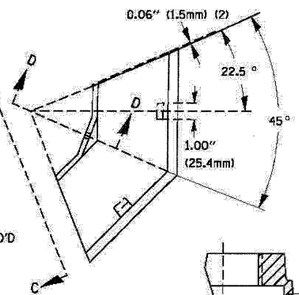
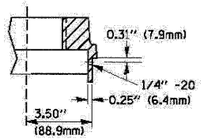
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

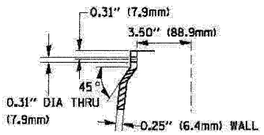


TOP VIEW

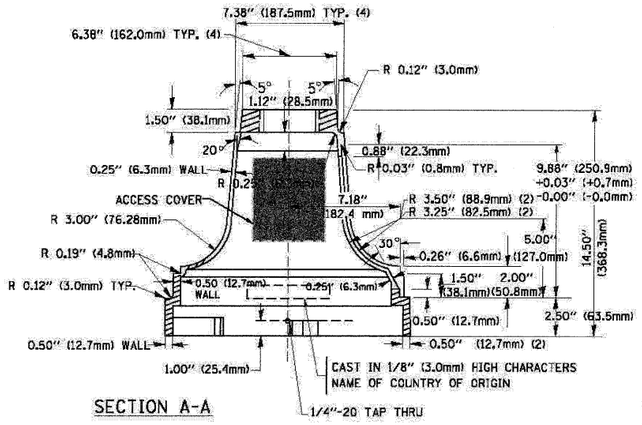




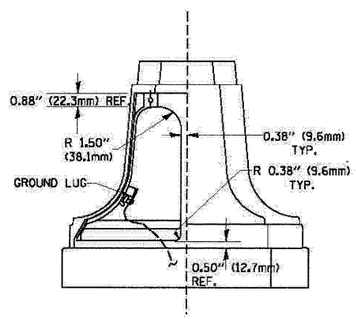
SECTION B-B



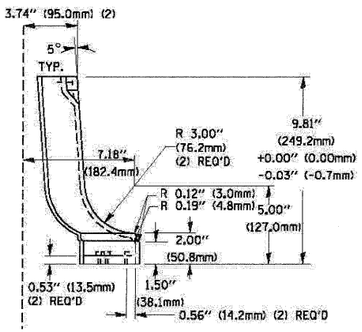
SECTION D-D



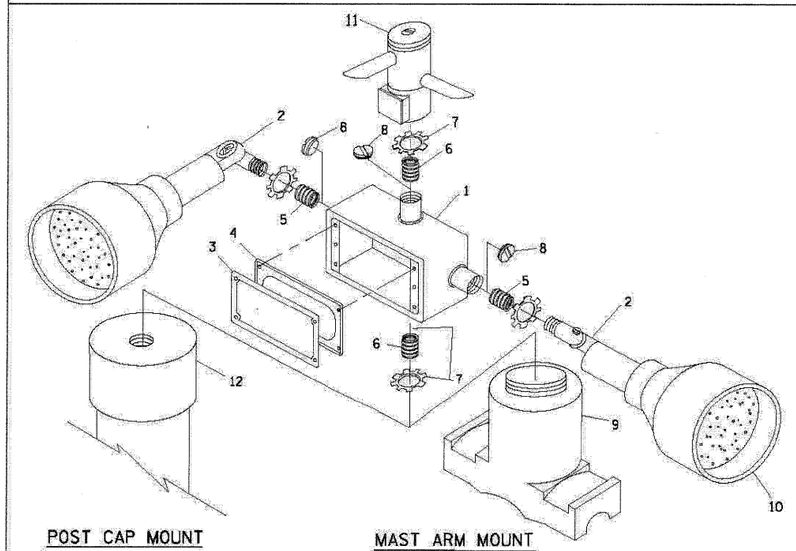
SECTION A-A



VIEW C-C



TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A

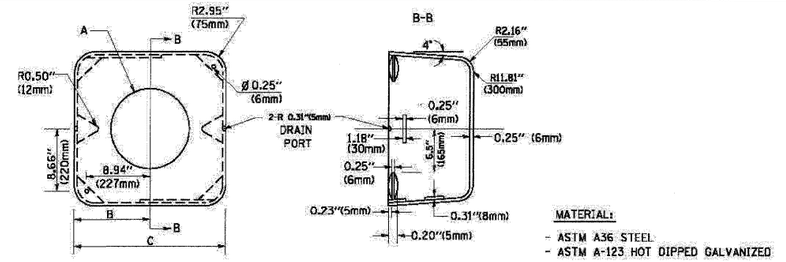


ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP (18 FT. (5.4 m) POST MIN.)

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. 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
3. 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 ¾"(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.

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



MATERIAL:
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

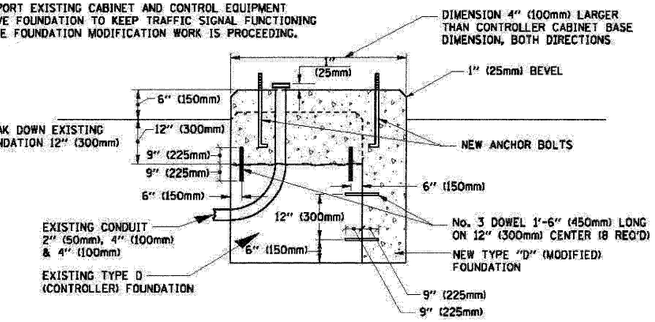
A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57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

SHROUD

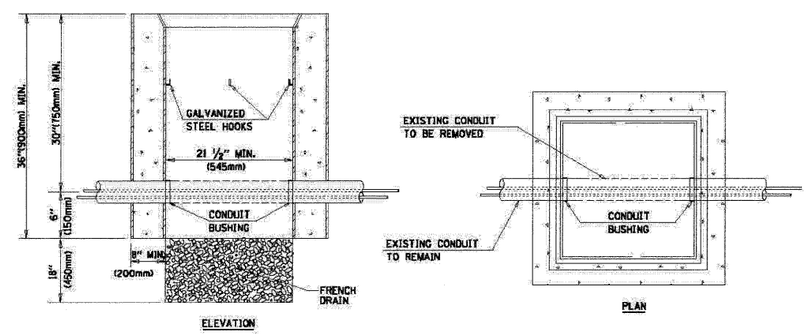
NOTES:

1. 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.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:
SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

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

HANDHOLE TO INTERCEPT EXISTING CONDUIT

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - BKD	REVISED -
		DRAWN - BKD, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - BKD, EA	REVISED -
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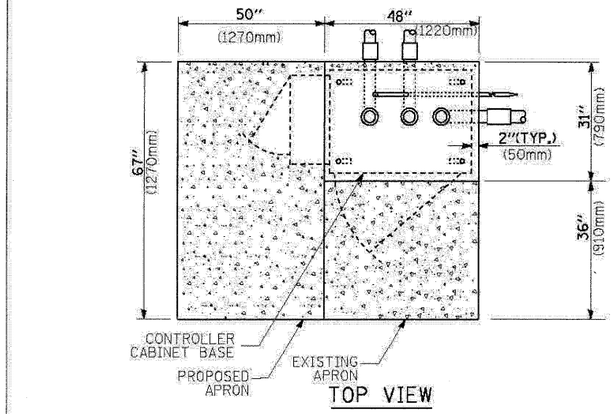
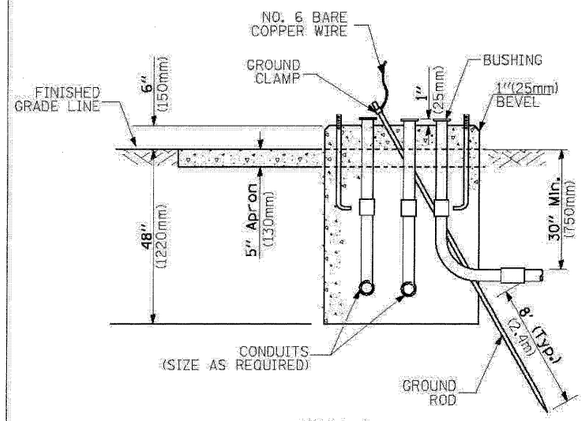
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

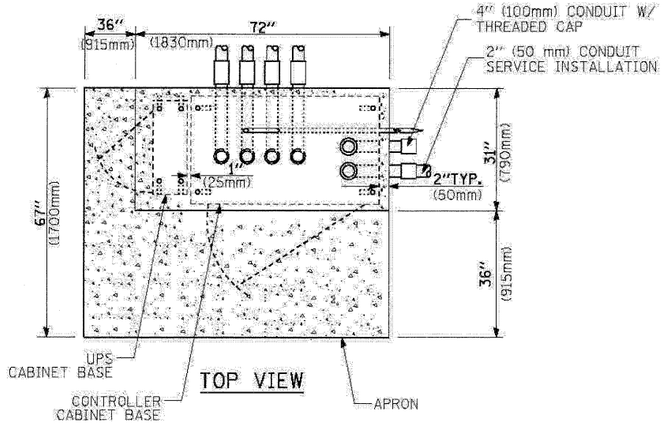
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

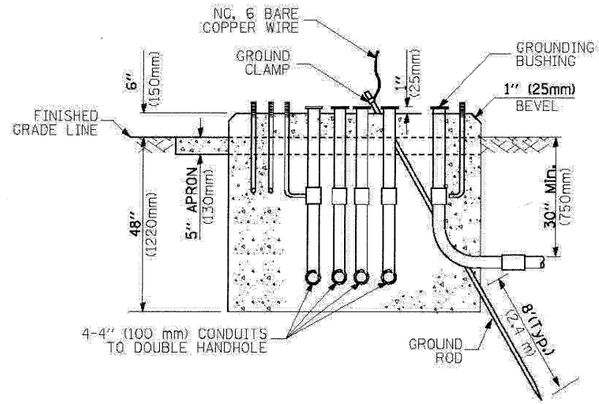
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	428
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



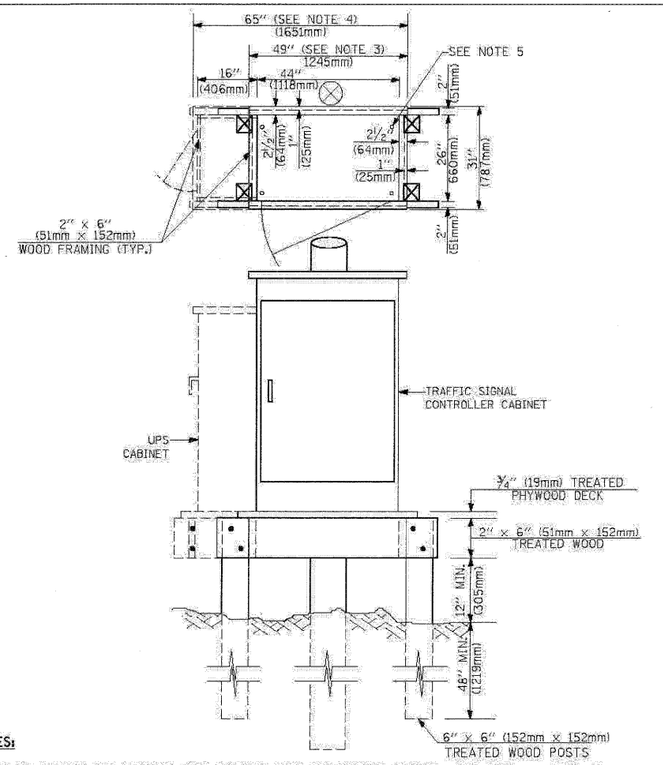


TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET





TYPE C
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



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

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

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

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)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
	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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - BKD	REVISED -
		DRAWN - GMM, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - BKD, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/7/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	429
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
CONTROLLER CABINET	R		
RAILROAD CONTROL CABINET		R	
COMMUNICATIONS CABINET	R CC	ECC	CC
MASTER CONTROLLER		EMC	MC
MASTER MASTER CONTROLLER		EMMC	MMC
UNINTERRUPTIBLE POWER SUPPLY	R UPS	EUPS	UPS
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT	R	P	P
TELEPHONE CONNECTION (P) POLE OF (G) GOUND MOUNT	R T	P T	P T
STEEL MAST ARM ASSEMBLY AND POLE	R		
ALUMINUM MAST ARM ASSEMBLY AND POLE	R		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE	R		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA	R PTZ	PTZ	PTZ
SIGNAL POST	R		
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM	R		
GUY WIRE	R		
SIGNAL HEAD	R		
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)			2
SIGNAL HEAD WITH BACKPLATE	R		
SIGNAL HEAD OPTICALLY PROGRAMMED	R "P"	"P"	"P"
FLASHER INSTALLATION (S DENOTES SOLAR POWER)	R "F"	"F"	"F"
PEDESTRIAN SIGNAL HEAD	R		
PEDESTRIAN PUSHBUTTON DETECTOR	R		
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR	R APS	APS	APS
ILLUMINATED SIGN "NO LEFT TURN"	R		
ILLUMINATED SIGN "NO RIGHT TURN"	R		
DETECTOR LOOP, TYPE I			
PREFORMED DETECTOR LOOP		P	P
MICROWAVE VEHICLE SENSOR	R M	M	M
VIDEO DETECTION CAMERA	R V	V	V
VIDEO DETECTION ZONE			
PAN, TILT, ZOOM CAMERA	R PTZ	PTZ	PTZ
WIRELESS DETECTOR SENSOR	R W	W	W
WIRELESS ACCESS POINT	R		

ITEM	REMOVAL	EXISTING	PROPOSED
EMERGENCY VEHICLE LIGHT DETECTOR	R		
CONFIRMATION BEACON	R		
HANDHOLE	R		
HEAVY DUTY HANDHOLD	R H	H	H
DOUBLE HANDHOLE	R		
JUNCTION BOX	R		
GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)			
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE	R		
COMMON TRENCH			CT
COILABLE NONMETALLIC CONDUIT (EMPTY)			CNC
SYSTEM ITEM		S	S
INTERSECTION ITEM	R		IP
REMOVE ITEM	RL		
ABANDON ITEM	A		
12" (300mm) TRAFFIC SIGNAL SECTION		R	R
12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE		R Y G	
SIGNAL FACE		R Y G ◄Y ◄G	R Y G ◄Y ◄G
SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD		R Y G ◄Y ◄G "P"	R Y G ◄Y ◄G "P"
12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL		DW W	
12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED			
12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID			
PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER		C D	C D
RADIO INTERCONNECT	R		
RADIO REPEATER	R ERR	ERR	RR
DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED		5	5
GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)		1	1

ITEM	REMOVAL	EXISTING	PROPOSED
ELECTRICAL CABLE IN CONDUIT, TRACER, NO. 14 1/C. UNLESS NOTED OTHERWISE		1	1
COAXIAL CABLE		C	C
VENDOR CABLE FOR CAMERA		V	V
COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED		6	6
FIBER OPTIC CABLE NO. 62.5/125, MM12F		12F	
FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F		24F	24F
FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS			
GROUND ROD AT (C) cONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE		C	C
CONTROLLER CABINET AND FOUNDATION TO BE REMOVE	RCF		
STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVE	RMF		
ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVE	RMF		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVE	RMF		
SIGNAL POST AND FOUNDATION TO BE REMOVE	RMF		
INTERSECTION & SAMPLING (SYSTEM) DETECTOR		IS	IS
SAMPLING SYSTEM DETECTOR		S	S
EXISTING INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR		P	
EXISTING PREFORMED INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR		PP	
PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR		PIS	PIS
PREFORMED SAMPLING (SYSTEM) DETECTOR		PS	PS

RAILROAD SYMBOLS

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - BAD	REVISED -
		DRAWN - BAD, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - BAD, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 12/08/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	430
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

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 DISTRICT 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 SIGNAL, 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 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.

AFTER THE PROPOSED TRAFFIC SIGNAL IS INSTALLED AND IN OPERATION, THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGH-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACOR'S BID PRICE.

1	EACH	CONTOLLER AND CABINET COMPLETE
7	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED
2	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, SPAN WIRE MOUNTED
4	EACH	WOOD POLE .
423	FOOT	SPAN WIRE
423	FOOT	TETHER WIRE
1	LSUM	AERIAL ELECTRIC CABLES
3	EACH	VIDEO DETECTION CAMERAS
1	EACH	WIRELESS INTERCONNECT EQUIPMENT

THE FOLLOWING ITEMS SHALL BE RELOCATED TO THE NEW SPAN WIRE LOCATIONS AS SHOWN IN THE PLANS AFTER THE NEW WOOD POLE, SPAN WIRES, TETHER WIRES, AND ELECTRIC CABLES ARE INSTALLED.

2	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED
2	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, SPAN WIRE MOUNTED
1	EACH	LIGHT DETECTOR WITH CONFIRMATION BEACON

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.

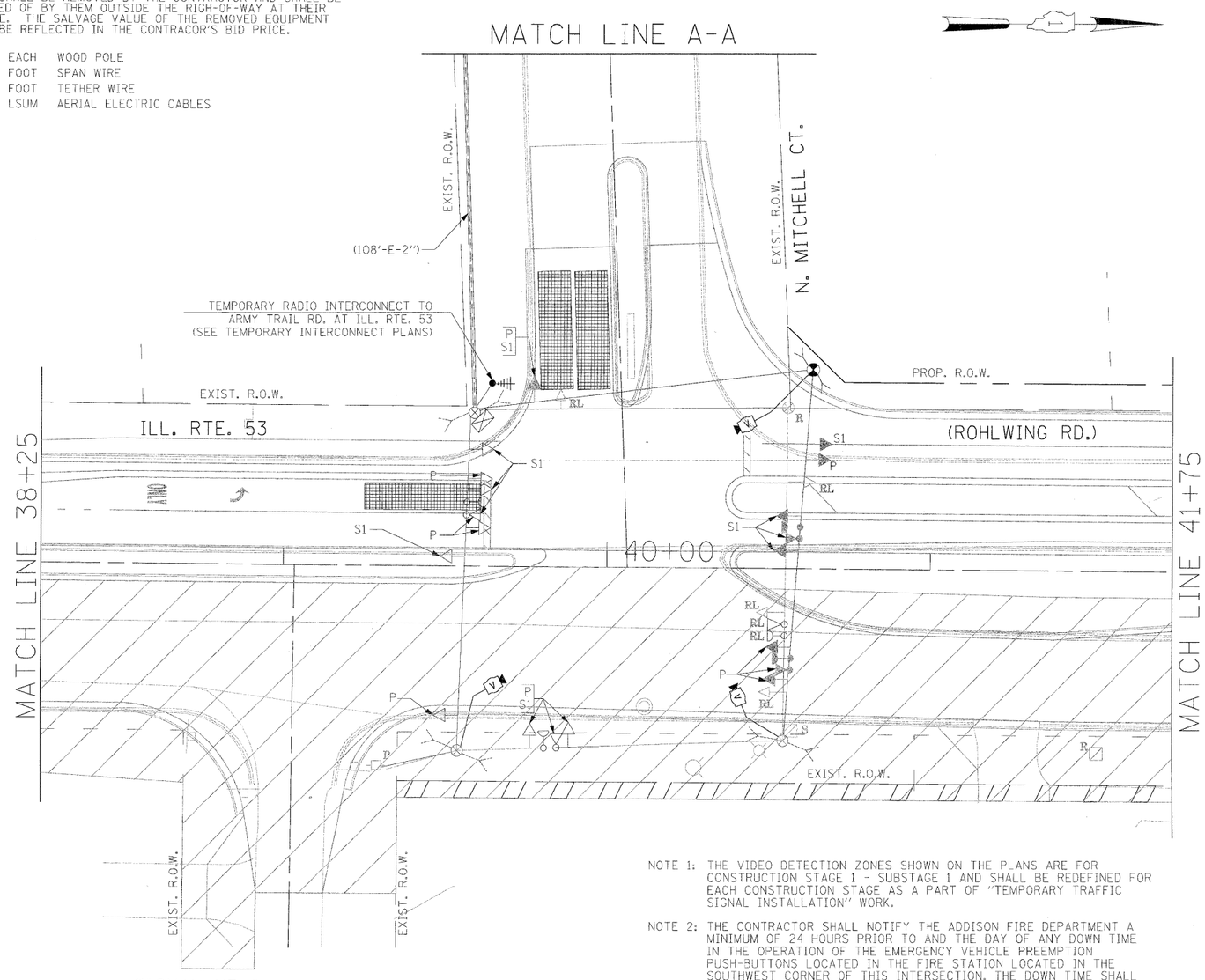
AGENCY: VILLAGE OF ADDISON

CONTACT INFORMATION:
RUDY ESPEDIDO
VILLAGE OF ADDISON
ENGINEERNG DEPARTMENT
PHONE: (630)693-7533

3	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

FOR TEMPORARY TRAFFIC SIGNAL MODIFICATION, THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGH-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACOR'S BID PRICE.

1	EACH	WOOD POLE
198	FOOT	SPAN WIRE
198	FOOT	TETHER WIRE
1	LSUM	AERIAL ELECTRIC CABLES



SIGNAL HEAD PLACEMENTS FOR STAGES: PRE-STAGE, AND S1

NOTE 1: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

NOTE 2: THE CONTRACTOR SHALL NOTIFY THE ADDISON FIRE DEPARTMENT A MINIMUM OF 24 HOURS PRIOR TO AND THE DAY OF ANY DOWN TIME IN THE OPERATION OF THE EMERGENCY VEHICLE PREEMPTION PUSH-BUTTONS LOCATED IN THE FIRE STATION LOCATED IN THE SOUTHWEST CORNER OF THIS INTERSECTION. THE DOWN TIME SHALL NOT EXCEED 2 HOURS.

AT MITCHELL CT:
P = PRE-STAGE
S1 = STAGE 1 (NO SUBSTAGES)
S2 = STAGE 1 (NO SUBSTAGES)
S3 = STAGE 1 (NO SUBSTAGES)

THE EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL INSTALLATION IS IN OPERATION. THE MAINTENANCE OF THE EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE INCLUDED IN THE PAY ITEM "MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION".

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

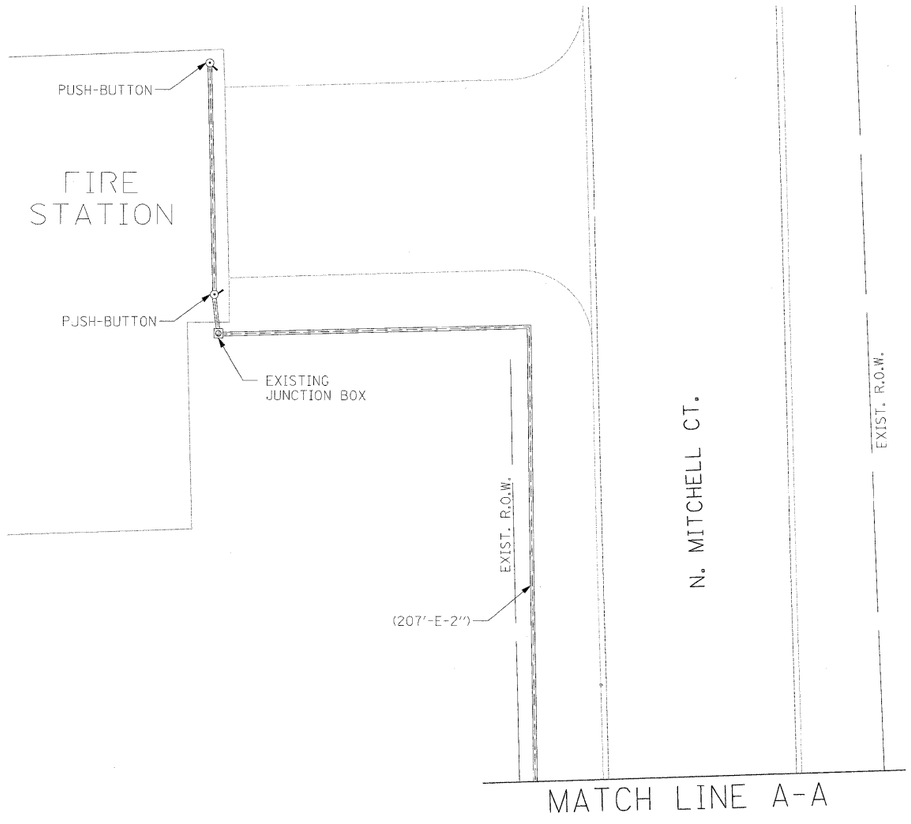
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

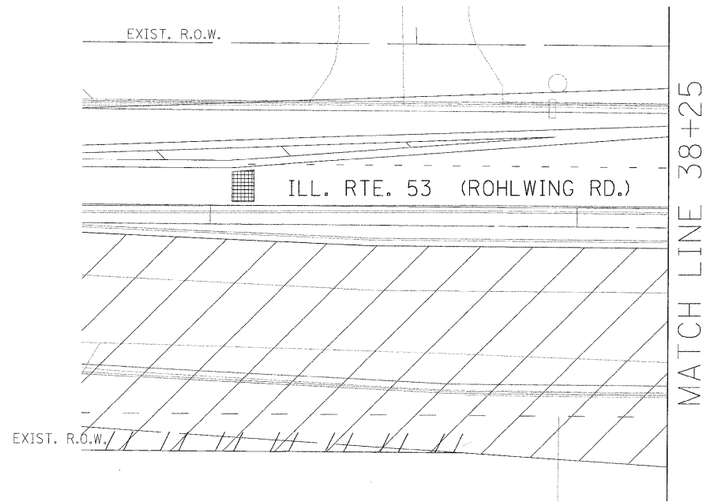
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

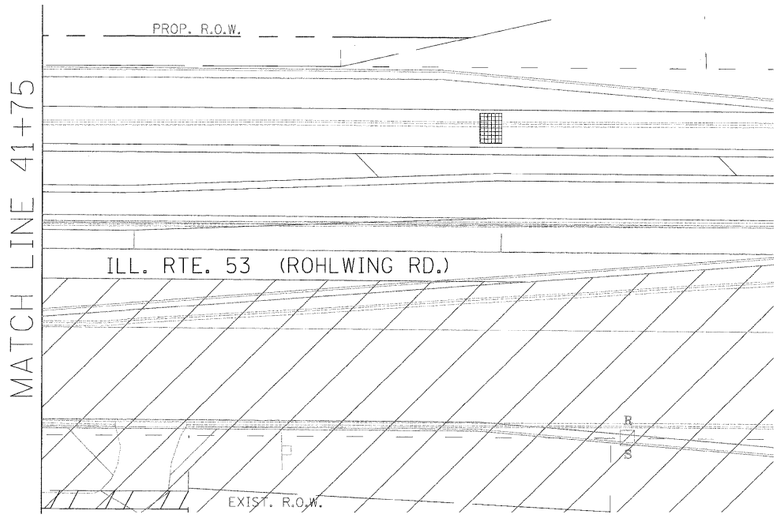
TEMPORARY TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT N. MITCHELL CT.
PRE STAGE AND STAGE 1 (SHEET 1 OF 4).

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5323	DuPage	781	431
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		







NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

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

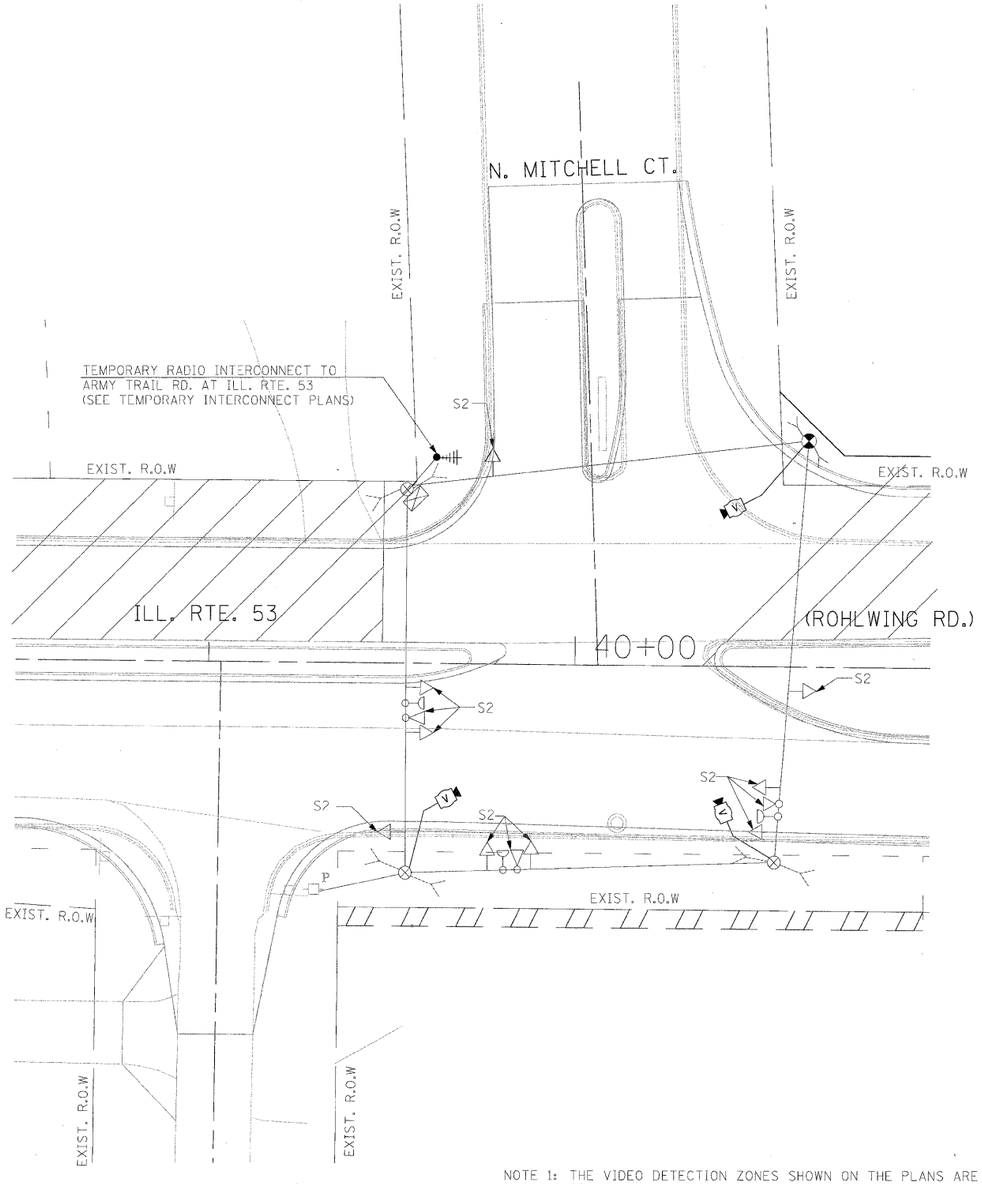
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

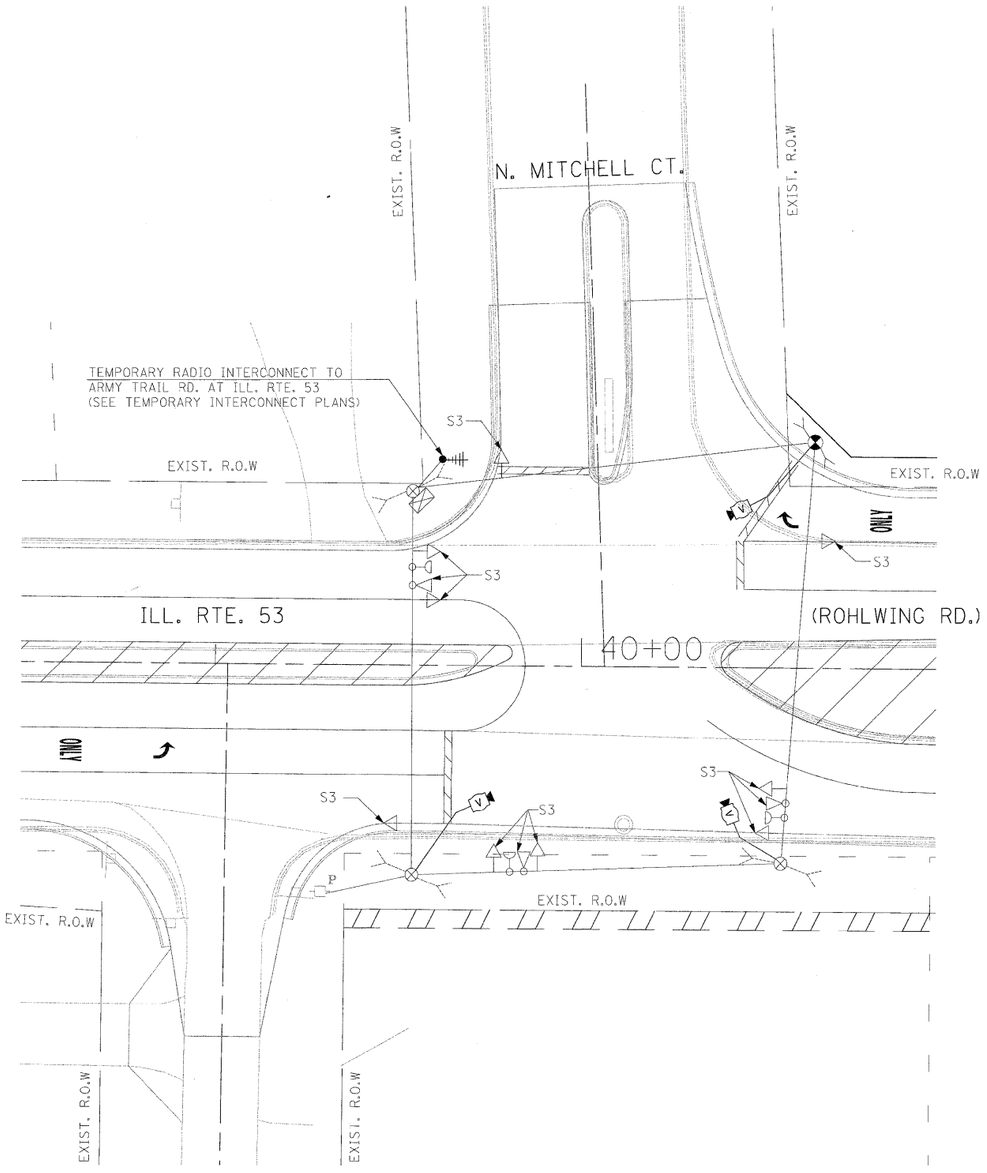
TEMPORARY TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT N. MITCHELL CT.
PRE STAGE AND STAGE 1 (SHEET 2 OF 4).

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	432
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



SIGNAL HEAD PLACEMENTS FOR
STAGES: S2.



SIGNAL HEAD PLACEMENTS FOR
STAGES: S3

NOTE 1: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

NOTE 2: THE SIGNAL HEAD PLACEMENT FOR N. MITCHELL COURT FOR CONSTRUCTION STAGES S2 AND S3 SHALL BE DETERMINED IN FIELD BY THE CONTRACTOR DEPENDING ON THE CONSTRUCTION STAGING USED BY THE CONTRACTOR FOR N. MITCHELL COURT.

AT MITCHELL CT: P = PRE-STAGE
S1 = STAGE 1 (NO SUBSTAGES)
S2 = STAGE 1 (NO SUBSTAGES)
S3 = STAGE 1 (NO SUBSTAGES)

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

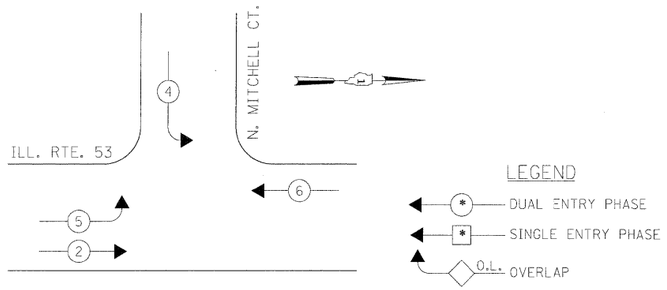
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL MODIFICATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT N. MITCHELL CT.
STAGE 2, AND STAGE 3 (SHEET 3 OF 4)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	433
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

CONTROLLER SEQUENCE



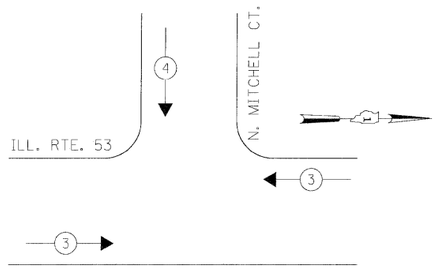
LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- O.L. OVERLAP
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: PRE-STAGE, S1, S2, S3, AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



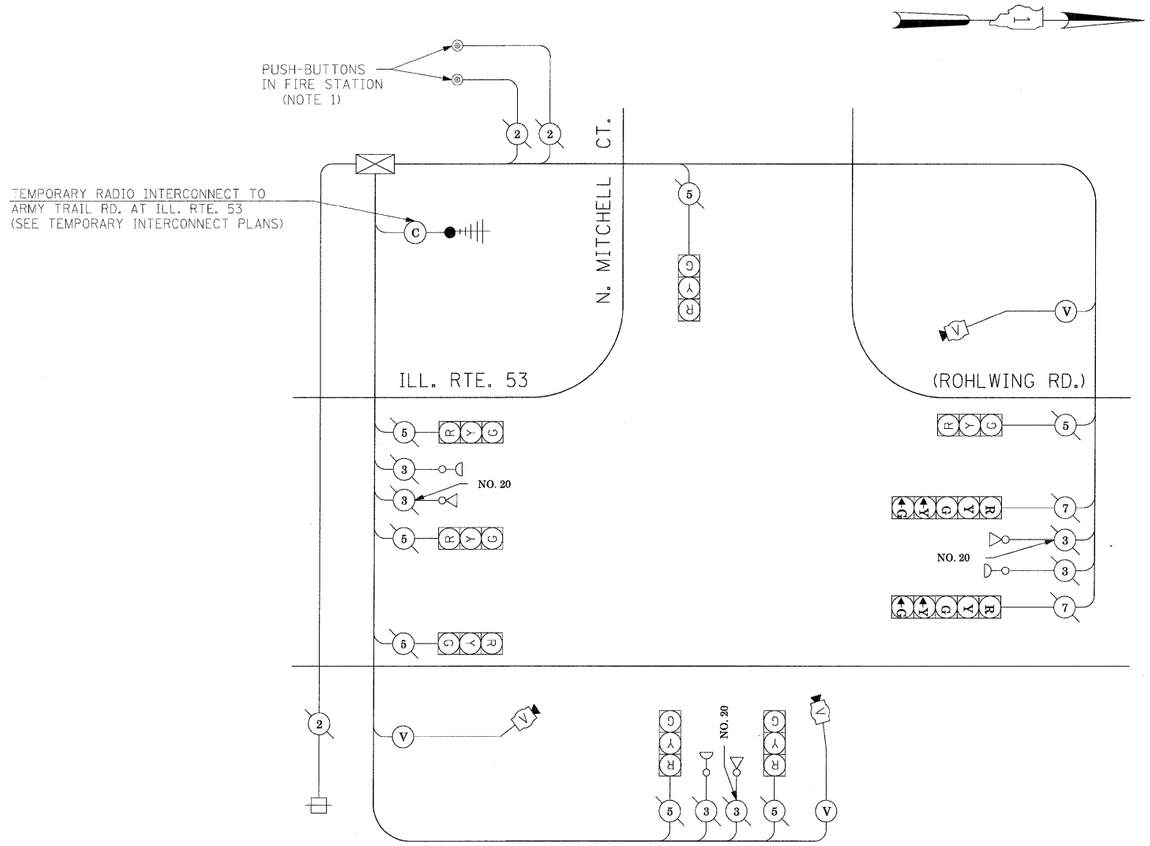
PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↓

STAGES: PRE-STAGE, S1, S2, S3, AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	9	135	17	0.50	607.5
(YELLOW)	9	135	25	0.25	303.75
(GREEN)	9	135	15	0.25	303.75
ARROW	4	135	12	0.10	54
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	1519

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES: PRE-STAGE,
S1, S2, S3, AND AFTER PROPOSED
ROADWAY GEOMETRICS ARE BUILT

NOTE 1: THE EMERGENCY VEHICLE PREEMPTION FOR THE WEST APPROACH SHALL ALSO BE ACTIVATED VIA PUSH-BUTTONS LOCATED INSIDE THE FIRE STATION PREMISES.

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILLINOIS ROUTE 53 (ROHLWING RD.) AT N. MITCHELL CT.
PRE-STAGE, STAGE 1, STAGE 2, AND STAGE 3 (SHEET 4 OF 4).

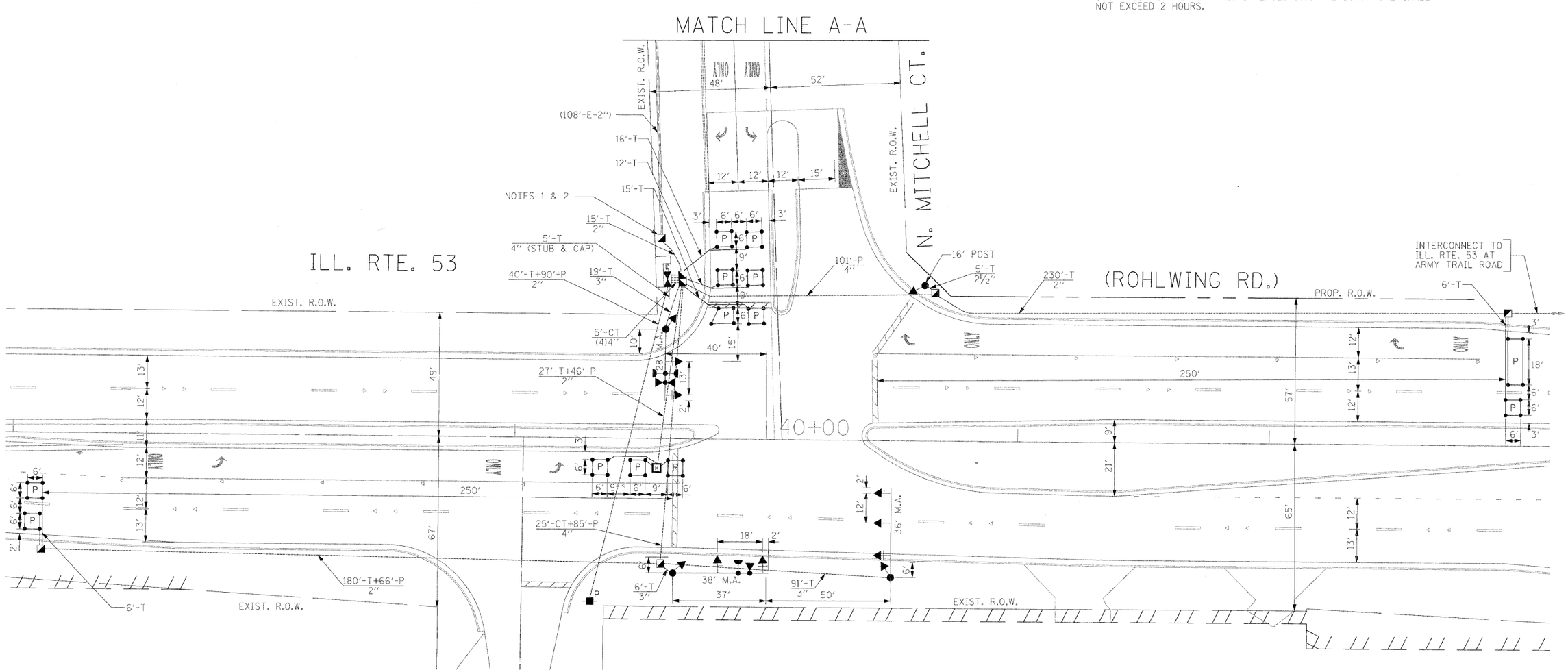
SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	434
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

NOTE 1: THE PROPOSED HANDHOLE SHALL BE CONSTRUCTED TO INTERCEPT THE EXISTING CONDUIT AS SHOWN IN THE PLAN AND AS DIRECTED BY THE ENGINEER.

NOTE 2: REMOVE TWO EXISTING 2C CABLES FROM EXISTING TEMPORARY CONTROLLER TO THE WEST OF THE PROPOSED HANDHOLE AND REINSTALL IN THE PROPOSED CONDUITS, DOUBLE HANDHOLE, AND TO THE PROPOSED CONTROLLER CABINET (35'±).

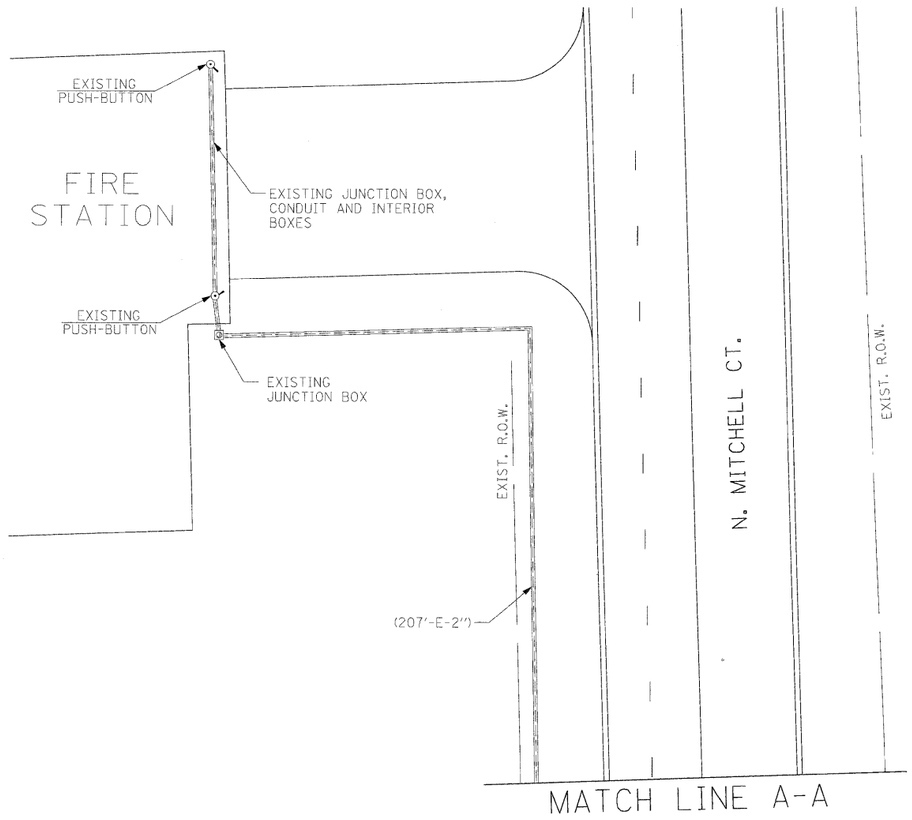
NOTE 3: THE CONTRACTOR SHALL NOTIFY THE ADDISON FIRE DEPARTMENT A MINIMUM OF 24 HOURS PRIOR TO AND THE DAY OF ANY DOWN TIME IN THE OPERATION OF THE EMERGENCY VEHICLE PREEMPTION PUSH-BUTTONS LOCATED IN THE FIRE STATION LOCATED IN THE SOUTHWEST CORNER OF THIS INTERSECTION. THE DOWN TIME SHALL NOT EXCEED 2 HOURS.



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

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - PKG	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**TRAFFIC SIGNAL INSTALLATION PLAN ILLINOIS ROUTE 53 (ROHLWING RD.) AT N. MITCHELL CT. (SHEET 1 OF 2)**
		DRAWN - MAA, EA	REVISED -		
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -		
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -		SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	435
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT N. MITCHELL CT.
(SHEET 2 OF 2)

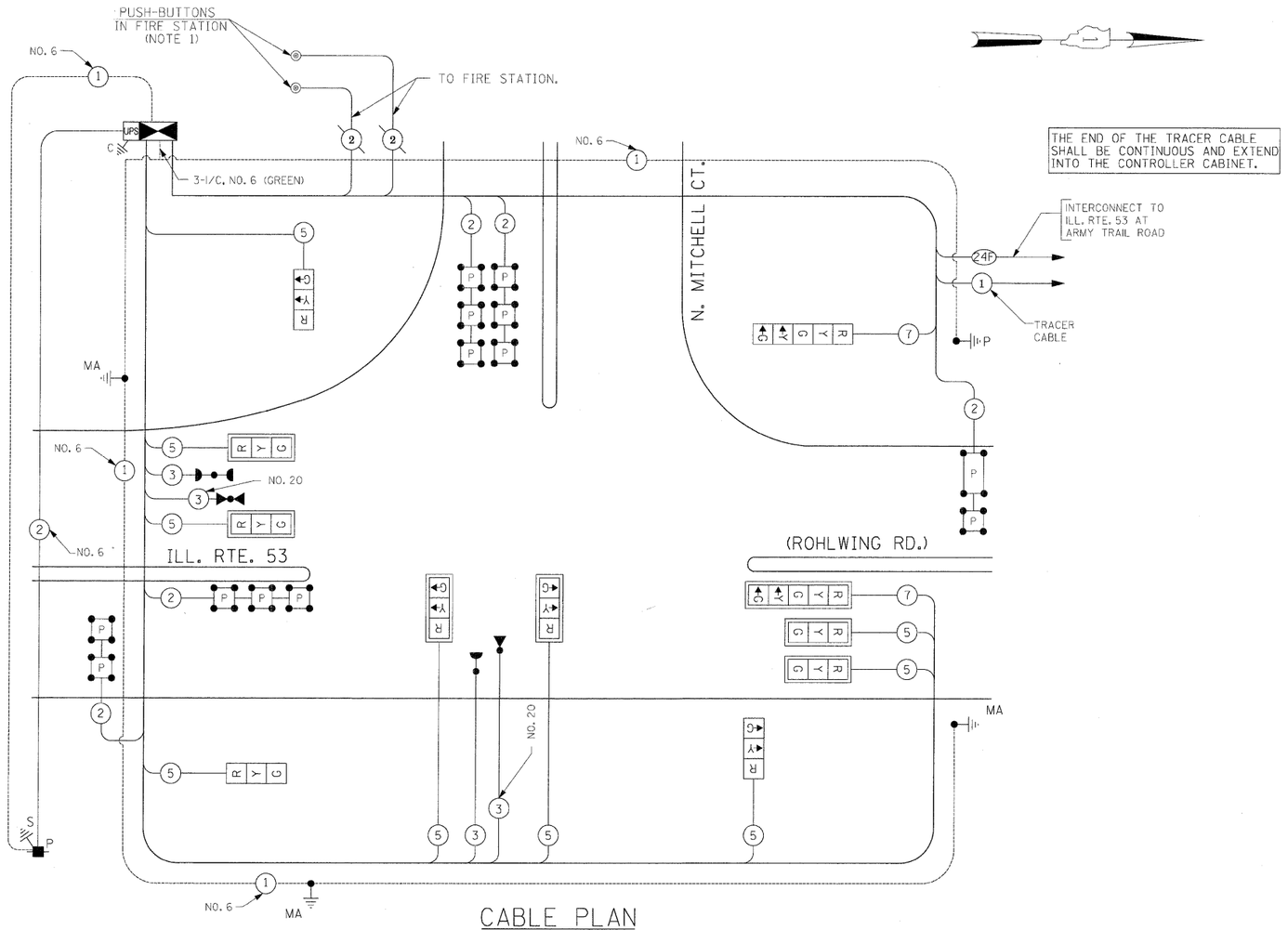
SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	436
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
9	SQ FT	SIGN PANEL - TYPE 1
21	SQ FT	SIGN PANEL - TYPE 2
492	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
5	FOOT	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL
116	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
50	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
202	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
186	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
5	EACH	HANDHOLE
1	EACH	HEAVY-DUTY HANDHOLE
1	EACH	DOUBLE HANDHOLE
663	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCEIVER-FIBER OPTIC
* 280	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1561	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
440	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
905	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
150	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
4	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
10	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
30	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
3	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
7	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
5	EACH	INDUCTIVE LOOP DETECTOR
* 2	EACH	LIGHT DETECTOR
* 1	EACH	LIGHT DETECTOR AMPLIFIER
35	FOOT	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION
2	EACH	REMOVE EXISTING HANDHOLE
472	FOOT	PREFORMED DETECTOR LOOP
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
586	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
* 280	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
1	EACH	MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION

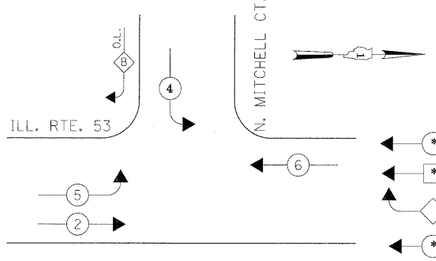
* 100% COST TO VILLAGE OF ADDISON



CABLE PLAN

(NOT TO SCALE)

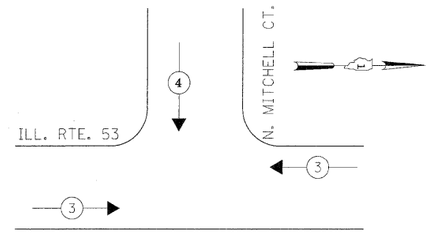
CONTROLLER SEQUENCE



LEGEND

- * DUAL ENTRY PHASE
- * SINGLE ENTRY PHASE
- O.L. OVERLAP
- * PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

NOTE: THE EMERGENCY VEHICLE PREEMPTION FOR THE WEST APPROACH SHALL ALSO BE ACTIVATED VIA PUSH-BUTTONS LOCATED INSIDE THE FIRE STATION PREMISES.

PHASE DESIGNATION DIAGRAM

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5

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

TYPE	NO LAMPS	X WATTAGE INCAND.	WATTAGE LED	X %OPERATION	TOTAL WATTAGE
SIGNAL (RED)	11	135	17	0.50	93.5
(YELLOW)	11	135	25	0.25	68.75
(GREEN)	11	135	15	0.25	41.25
ARROW	4	135	12	0.10	4.8
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	308.3

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

FILE NAME = $FILE1$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM
EMERGENCY VEHICLE PREEMPTION SEQUENCE
SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 53 (ROHLWING RD.) AT N. MITCHELL CT.

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	437
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

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 DISTRICT 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 SIGNAL, 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 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 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 ADDISON

CONTACT INFORMATION:
RUDY ESPEDIDO
VILLAGE OF ADDISON
ENGINEERNG DEPARTMENT
PHONE: (630)693-7533

2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

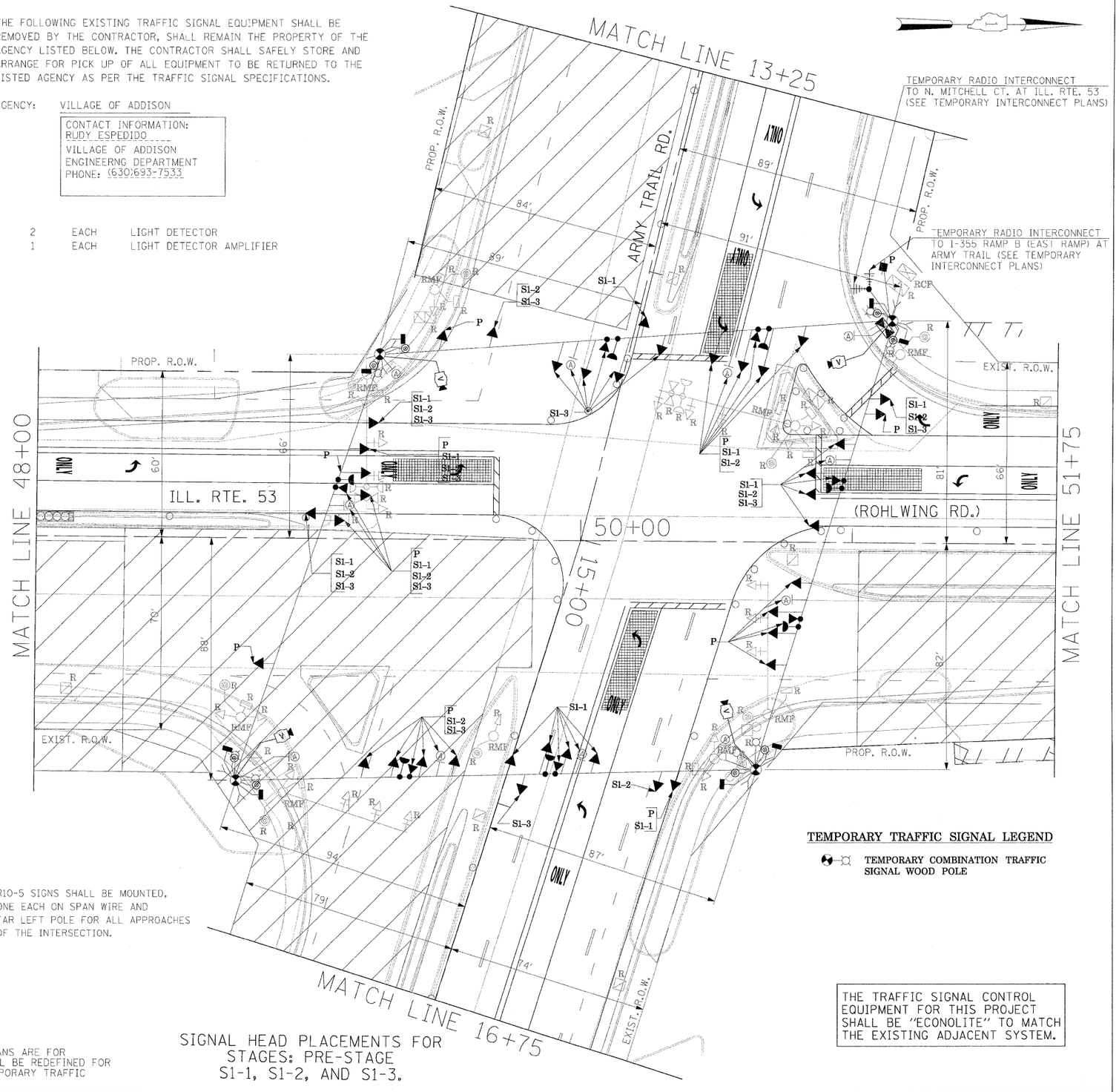
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGH-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACOR'S BID PRICE.

1	EACH	CONTROLLER AND CABINET COMPLETE
11	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
7	EACH	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
1	EACH	PEDESTRIAN SIGNAL HEAD, 3-FACE, BRACKET MOUNTED
12	EACH	TRAFFIC SIGNAL BACKPLATE
5	EACH	TRAFFIC SIGNAL POST
4	EACH	STEEL MAST ARM ASSEMBLY AND POLE
9	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	SERVICE INSTALLATION

Ⓐ
LEFT ON GREEN ARROW ONLY
R10-5, 24" X 30" (8 REQUIRED)

R10-5 SIGNS SHALL BE MOUNTED, ONE EACH ON SPAN WIRE AND FAR LEFT POLE FOR ALL APPROACHES OF THE INTERSECTION.

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.



SIGNAL HEAD PLACEMENTS FOR STAGES: PRE-STAGE S1-1, S1-2, AND S1-3.

TEMPORARY TRAFFIC SIGNAL LEGEND

TEMPORARY COMBINATION TRAFFIC SIGNAL WOOD POLE

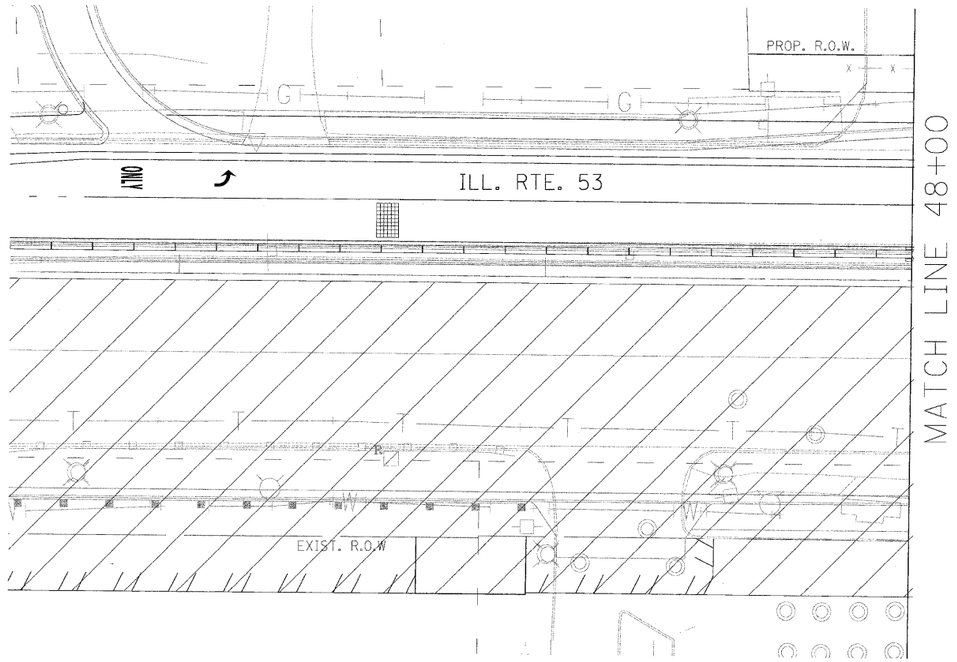
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

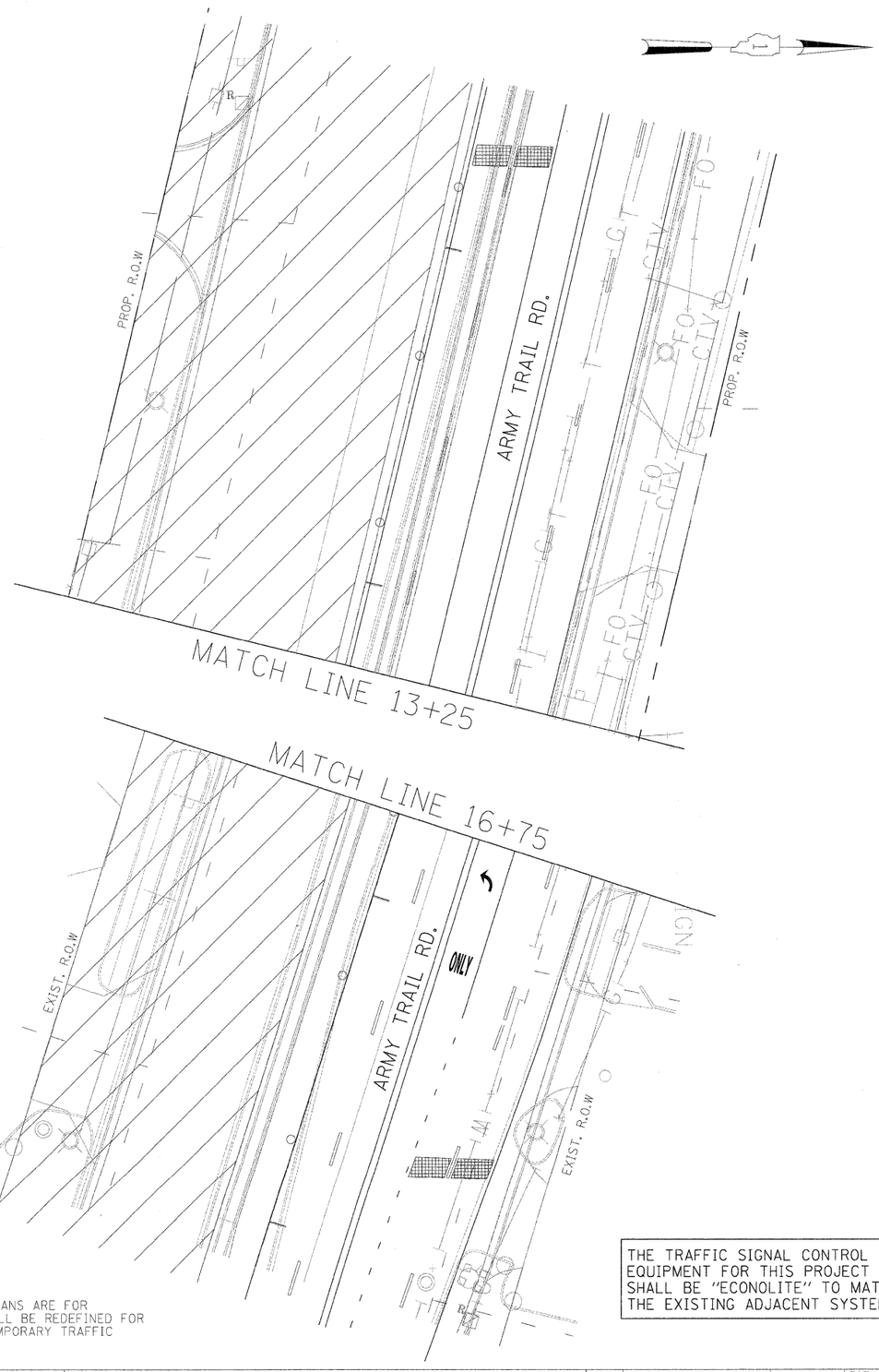
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - MAA, EA	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -	
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -	

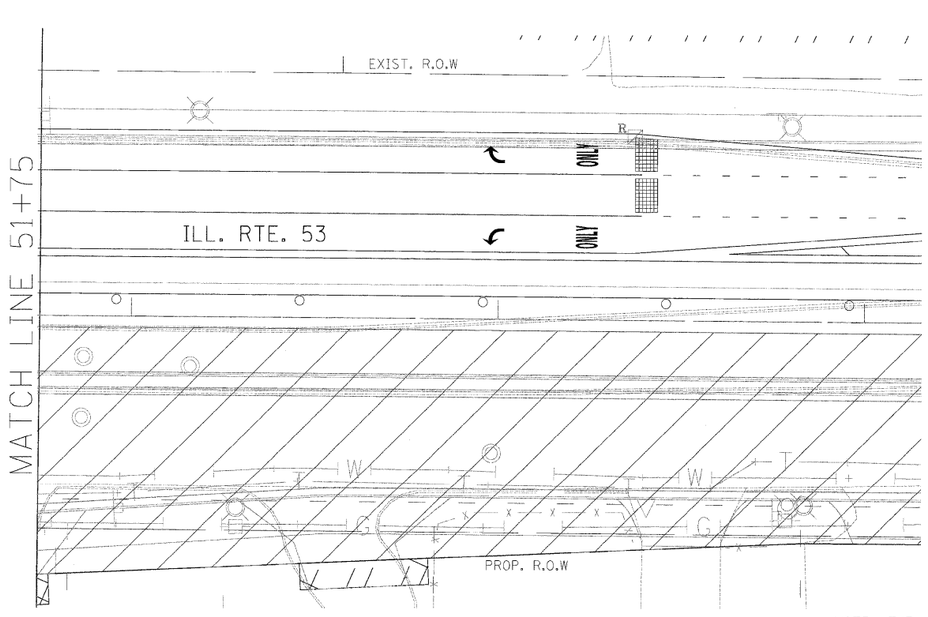
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARMY TRAIL RD. PRE STAGE AND STAGE 1 (SHEET 1 OF 5).

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	438
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		







NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

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

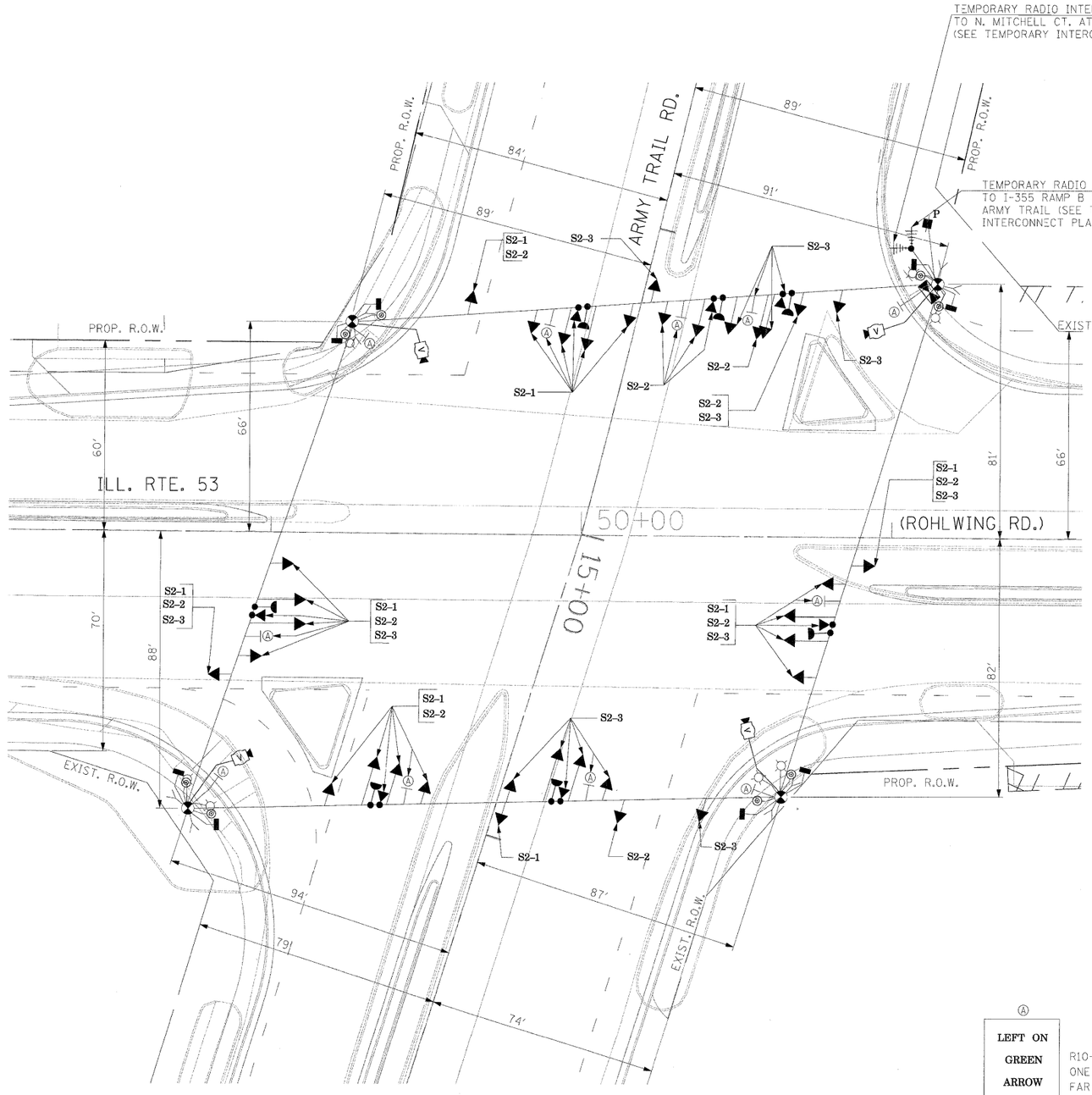
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARMY TRAIL RD. PRE STAGE AND STAGE 1 (SHEET 2 OF 5)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	78	439
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



SIGNAL HEAD PLACEMENTS FOR
STAGES: S2-1, S2-2, AND S2-3.

TEMPORARY TRAFFIC SIGNAL LEGEND

TEMPORARY COMBINATION TRAFFIC SIGNAL WOOD POLE

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

Ⓐ

LEFT ON GREEN ARROW ONLY

R10-5, 24" X 30" (8 REQUIRED)

R10-5 SIGNS SHALL BE MOUNTED, ONE EACH ON SPAN WIRE AND FAR LEFT POLE FOR ALL APPROACHES OF THE INTERSECTION.

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

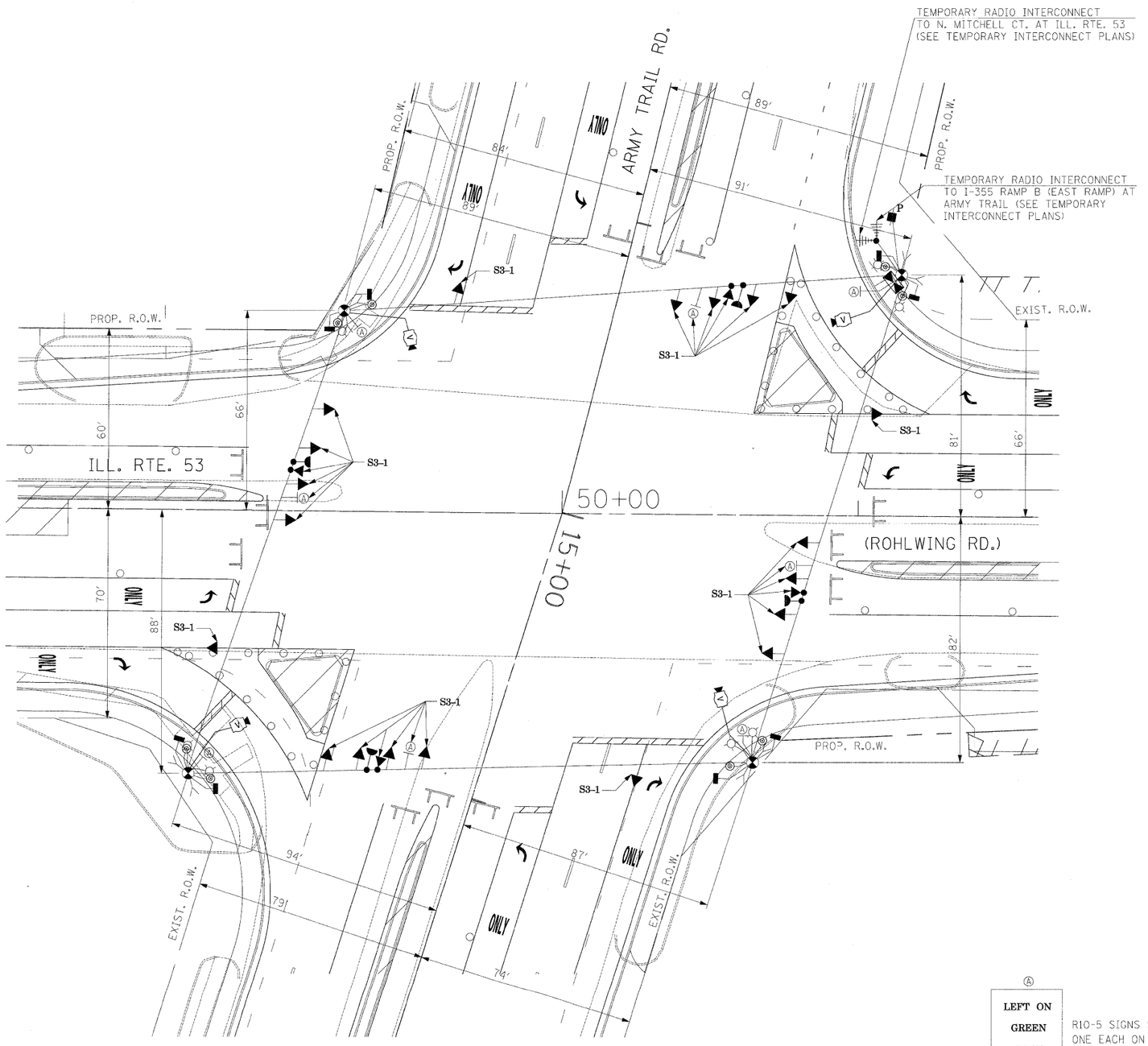
FILE NAME = $FILE$	USER NAME - $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARMY TRAIL RD. STAGE 2
(SHEET 3 OF 5)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	440
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



SIGNAL HEAD PLACEMENTS FOR
STAGES: S3

TEMPORARY TRAFFIC SIGNAL LEGEND

TEMPORARY COMBINATION TRAFFIC SIGNAL WOOD POLE

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

(A)
LEFT ON GREEN ARROW ONLY

R10-5,
24" X 30"
(8 REQUIRED)

R10-5 SIGNS SHALL BE MOUNTED, ONE EACH ON SPAN WIRE AND FAR LEFT POLE FOR THE APPROACH WHERE THE R10-5 IS NEEDED.

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

FILE NAME = $FILE1$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

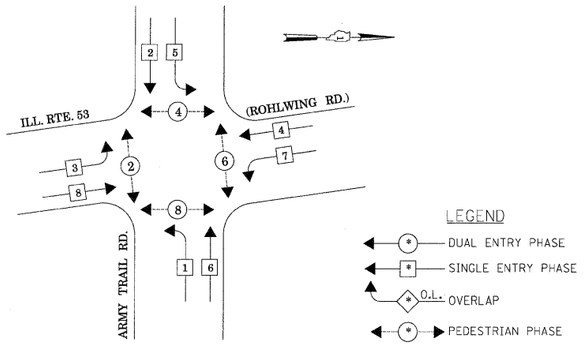
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARMY TRAIL RD. STAGE 3
(SHEET 4 OF 5)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	441
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

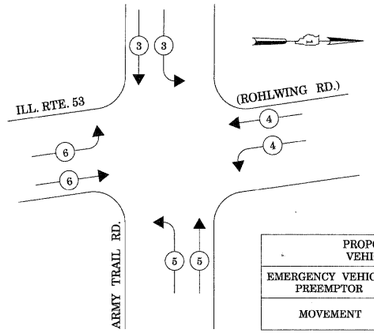
CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: PRE-STAGE, S1-1, S1-2, S1-3,
S2-1, AND AFTER PROPOSED
ROADWAY GEOMETRICS ARE BUILT

EMERGENCY VEHICLE PREEMPTION SEQUENCE



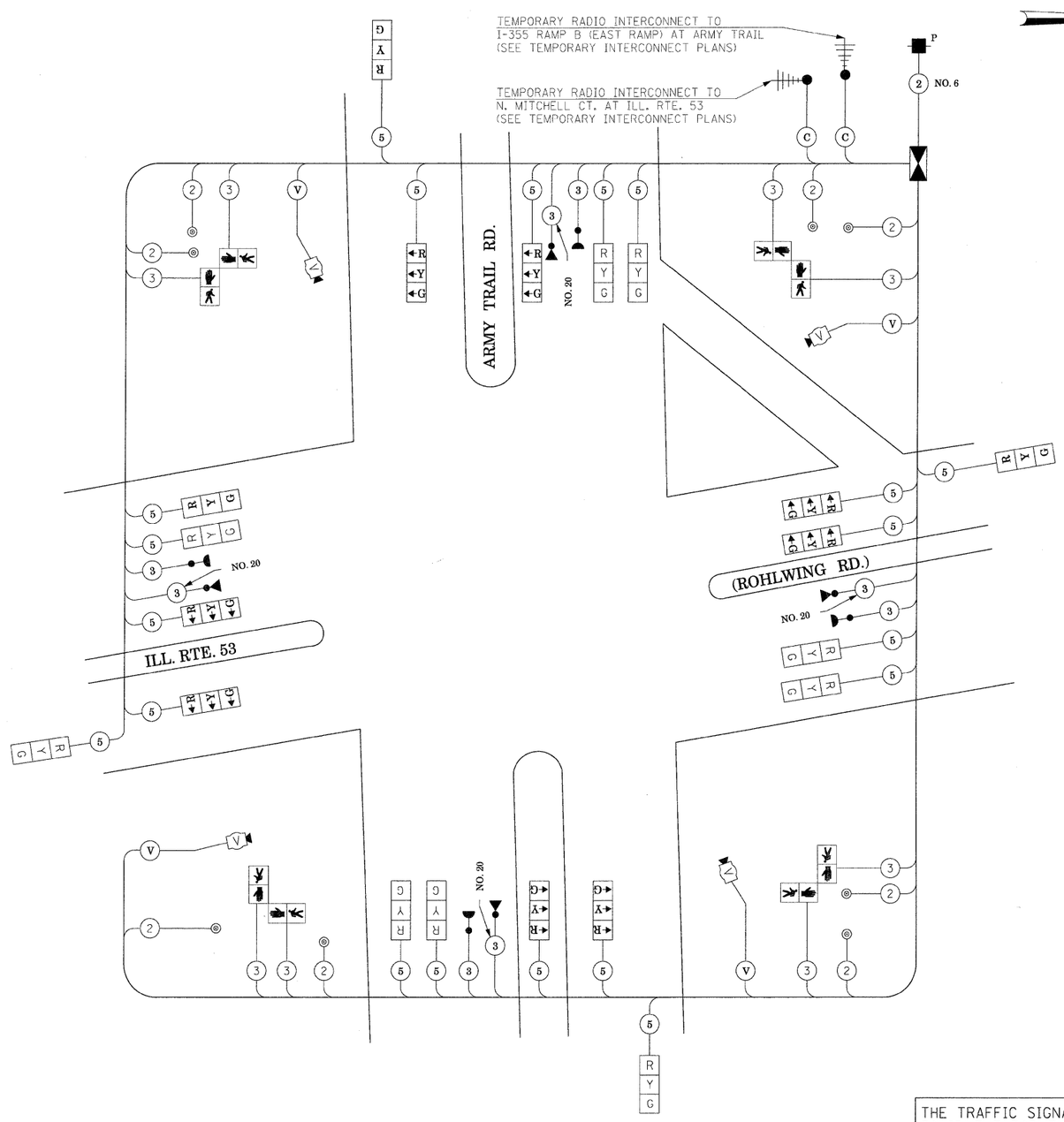
PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

STAGES: PRE-STAGE, S1-1, S1-2, S1-3,
S2-1, AND AFTER PROPOSED
ROADWAY GEOMETRICS ARE BUILT

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	X WATTAGE INCAND.	WATTAGE LED	X %OPERATION	
SIGNAL (RED)	20	135	17	0.50	170
(YELLOW)	20	135	25	0.25	125
(GREEN)	20	135	15	0.25	75
ARROW		135	12	0.10	
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	820

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES: PRE-STAGE, S1-1, S1-2, S1-3,
S2-1, S2-2, S2-3, S3, AND AFTER
PROPOSED ROADWAY GEOMETRICS ARE BUILT

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

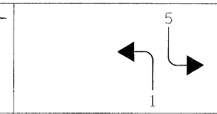
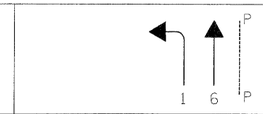
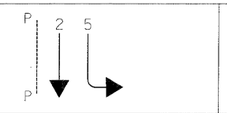
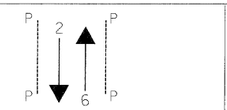
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

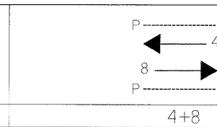
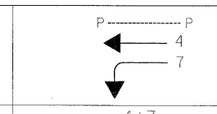
TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARMY TRAIL RD. PRE-STAGE, STAGE 1, STAGE 2-SUB STAGE 1, AND STAGE 3 (SHEET 5 OF 5).

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	442
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

TEMPORARY SEQUENCE OF OPERATION (FOR STAGE 2, SUB STAGES 2, 3, AND STAGE 3 WITH LEAD-LAG OPERATION FOR ILL. RTE. 53 ONLY)

MOVEMENT																																								
PHASE		1+5							1+6								2+5								2+6								3+8							
INTERVAL		1	2A	2B	3A	3B	4A	4B	5	6	7A	7B	8A	8B	9A	9B	10	11	12A	12B	13A	13B	14A	14B	15	16	17A	17B	18A	18B	19A	19B	20	21	22A	22B	23A	23B		
CHANGE TO			1+6		2+5		2+6 3+8 4+7 4+8		ø	ø	1+5		2+5 3+8 4+7 4+8		2+6		ø	ø	1+5		1+6 3+8 4+7 4+8		2+6				1+6		2+5		1+5 3+8 4+7 4+8		ø	ø	1+5 1+6 2+5 2+6 4+7		4+8			
ARMY TRAIL ROAD NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	Y	R	G	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R
ARMY TRAIL ROAD TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	E/B	←G	←Y	←R	←G	←G	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←G	←G	←G	←G	←Y	←R	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
ARMY TRAIL ROAD NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	W/B	R	R	R	R	R	R	R	G	G	Y	R	Y	R	G	G	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	Y	R	R	R	R	R	R	R
ARMY TRAIL ROAD TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	W/B	←G	←G	←G	←Y	←R	←Y	←R	←G	←G	←G	←G	←Y	←R	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	G	G
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←G	←G	←Y	←R	←Y	←R
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON NORTH SIDE OF ARMY TRAIL ROAD		H	H	H	H	H	H	H	* P	** FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	* P	** FH	H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON SOUTH SIDE OF ARMY TRAIL ROAD		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	* P	** FH	H	H	H	H	H	H	* P	** FH	H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS - CROSSING ARMY TRAIL ROAD ON EAST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	* P	** FH	H	H	H	H
PEDESTRIAN SIGNALS - CROSSING ARMY TRAIL ROAD ON WEST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H

MOVEMENT																	FLASH
PHASE		4+8							4+7								
INTERVAL		24	25	26A	26B	27A	27B	28A	28B	29	30	31A	31B	32A	32B		
CHANGE TO				4+7		3+8		1+5 1+6 2+5 2+6				1+5 1+6 2+5 2+6 3+8		4+8			
ARMY TRAIL ROAD NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ARMY TRAIL ROAD TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	E/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	R	
ARMY TRAIL ROAD NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
ARMY TRAIL ROAD TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	W/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	R	
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	G	G	G	G	Y	R	Y	R	G	G	Y	R	G	G	R	
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←G	←G	←Y	←R	←Y	←R	←R	
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON NORTH SIDE OF ARMY TRAIL ROAD		H	H	H	H	H	H	H	H	H	H	H	H	H	H		DARK
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON SOUTH SIDE OF ARMY TRAIL ROAD		H	H	H	H	H	H	H	H	H	H	H	H	H	H		DARK
PEDESTRIAN SIGNALS - CROSSING ARMY TRAIL ROAD ON EAST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		* P	** FH	H	H	H	H	H	H	H	H	H	H	H	H		DARK
PEDESTRIAN SIGNALS - CROSSING ARMY TRAIL ROAD ON WEST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		* P	** FH	H	H	H	H	H	H	* P	** FH	H	H	H	H		DARK

P = ILLUMINATED PERSON = WALK

FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK

H = ILLUMINATED SOLID HAND = DON'T WALK

PHASE 2 + 6 SHALL BE PLACED ON RECALL.

* TO APPEAR ONLY UPON PUSHBUTTON ACTUATION.

** FLASHING " ✋ " IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

ø THIS " 🚶 " OR FLASHING " ✋ " INTERVAL MAY FINISH TIMING IN THE BI-DIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE " 🚶 " OR FLASHING " ✋ " INTERVALS. " 🚶 " AND FLASHING " ✋ " TIMINGS TO BE SET ONLY ON THE PHASES WHERE " 🚶 " AND FLASHING " ✋ " ARE INDICATED IN THE SEQUENCE OF OPERATION.

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SEQUENCE OF OPERATION
ILL. RTE. 53 (ROHLWING RD.) AT ARMY TRAIL RD.
STAGE 2 – SUB STAGES 2, 3, AND STAGE 3

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	443
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION (FOR STAGE 2, SUB STAGES 2, 3, AND STAGE 3 WITH LEAD-LAG OPERATION FOR ILL. RTE. 53 ONLY)

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1		1		1		5			5	10			10	15			15			15			20			20	24			24			24		
EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z	1AA	1BB	1CC	1DD	1EE	1FF	1GG	1HH	1JJ	1KK	1LL	1MM
CHANGE TO EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1B	2	1D	3,5	1F	4	1H	1J	2,3 5	4	1M	1N	3,4 5	2	1R	1S	2	1U	1V	3, 5	1X	1Y	4	1AA	1BB	2,3 4	5	1EE	1FF	2,4	1HH	1JJ	3	1LL	1MM	5
ARMY TRAIL ROAD NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	E/B	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	G	G	G	G	Y	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R
ARMY TRAIL ROAD TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	E/B	◂G	◂G	◂Y	◂R	◂Y	◂R	◂R	◂R	◂R	◂R	◂G	◂Y	◂R	◂G	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R
ARMY TRAIL ROAD NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	W/B	R	R	R	R	R	R	G	Y	R	G	R	R	R	R	G	Y	R	G	Y	R	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R
ARMY TRAIL ROAD TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	W/B	◂Y	◂R	◂Y	◂R	◂G	◂G	◂G	◂Y	◂R	◂G	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	G	Y	R	G	Y	R	G	G	G
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂G	◂Y	◂R	◂G	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	G	G	G	Y	R
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON NORTH SIDE OF ARMY TRAIL ROAD		H	H	H	H	H	H	H	H	H	H	FH	H	H	FH	FH	H	H	FH	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON SOUTH SIDE OF ARMY TRAIL ROAD		H	H	H	H	H	H	FH	H	H	FH	H	H	H	H	FH	H	H	FH	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS - CROSSING ARMY TRAIL ROAD ON EAST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	FH	FH	H	H	FH	H	H	FH	H	H
PEDESTRIAN SIGNALS - CROSSING ARMY TRAIL ROAD ON WEST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	FH	H	H	FH	H	H

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		29			29	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 5	PREEMPTOR NUMBER 6	CLEAR TO NORMAL SEQUENCE
EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1NN	1PP	1QQ	1RR	2	3	4	5	
CHANGE TO EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1PP	1QQ	2,4 5	3					
ARMY TRAIL ROAD NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	E/B	R	R	R	R	G	R	R	R	◊
ARMY TRAIL ROAD TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	E/B	◂R	◂R	◂R	◂R	◂G	◂R	◂R	◂R	◊
ARMY TRAIL ROAD NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	W/B	R	R	R	R	R	R	G	R	◊
ARMY TRAIL ROAD TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	W/B	◂R	◂R	◂R	◂R	◂R	◂R	◂G	◂R	◊
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	R	R	R	R	R	R	R	G	◊
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂G	◊
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	G	Y	R	G	R	G	R	R	◊
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	◂G	◂Y	◂R	◂G	◂R	◂G	◂R	◂R	◊
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON NORTH SIDE OF ARMY TRAIL ROAD		H	H	H	H	H	H	H	H	◊
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON SOUTH SIDE OF ARMY TRAIL ROAD		H	H	H	H	H	H	H	H	◊
PEDESTRIAN SIGNALS - CROSSING ARMY TRAIL ROAD ON EAST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		H	H	H	H	H	H	H	H	◊
PEDESTRIAN SIGNALS - CROSSING ARMY TRAIL ROAD ON WEST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		FH	H	H	FH	H	H	H	H	◊

◊ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2, 3, 4, OR 5 IS TERMINATED.

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

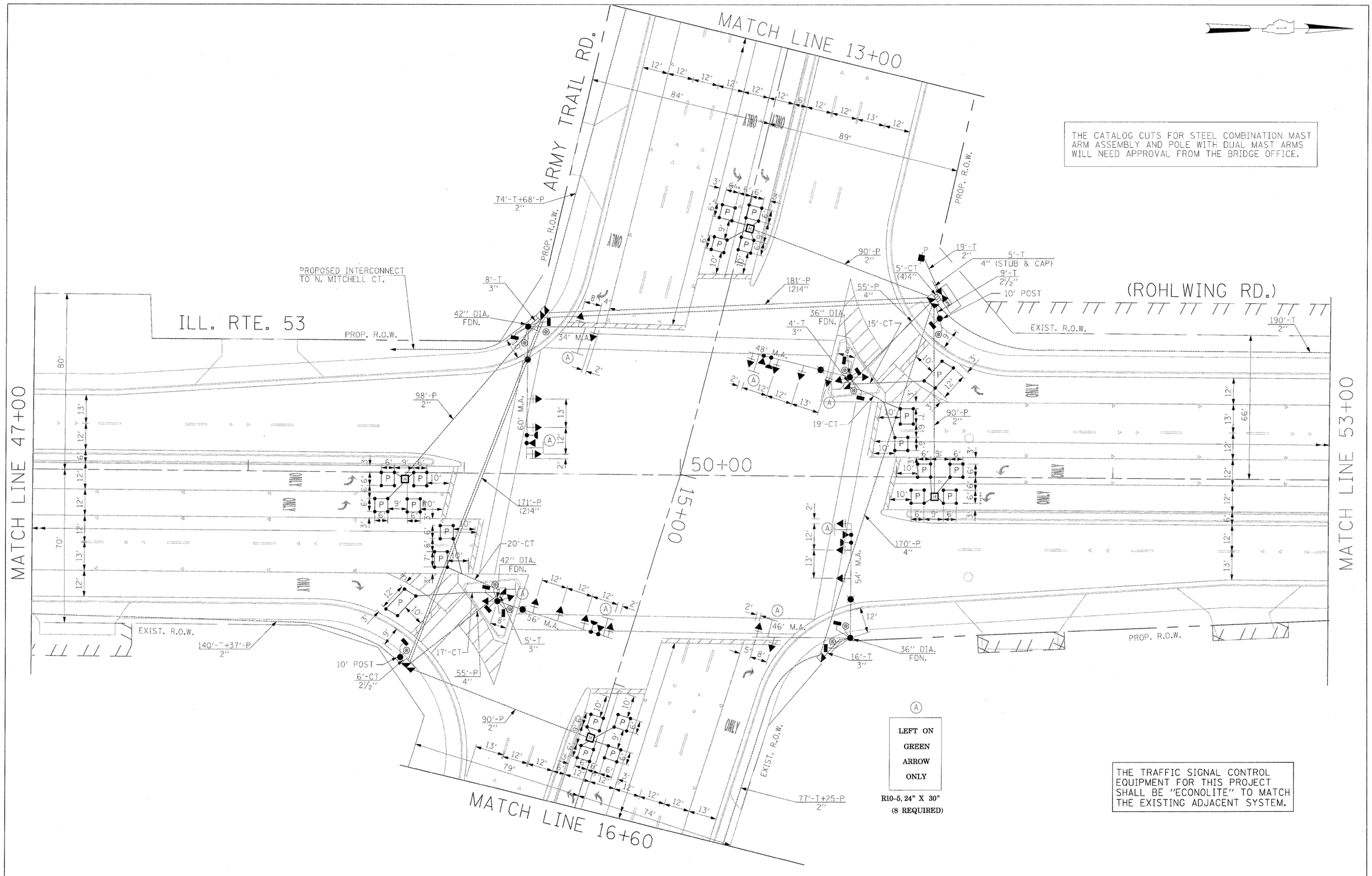
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION
ILL. RTE. 53 (ROHLWING RD.) AT ARMY TRAIL RD.
STAGE 2 – SUB STAGES 2, 3, AND STAGE 3

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	444
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



THE CATALOG CUTS FOR STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS WILL NEED APPROVAL FROM THE BRIDGE OFFICE.

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

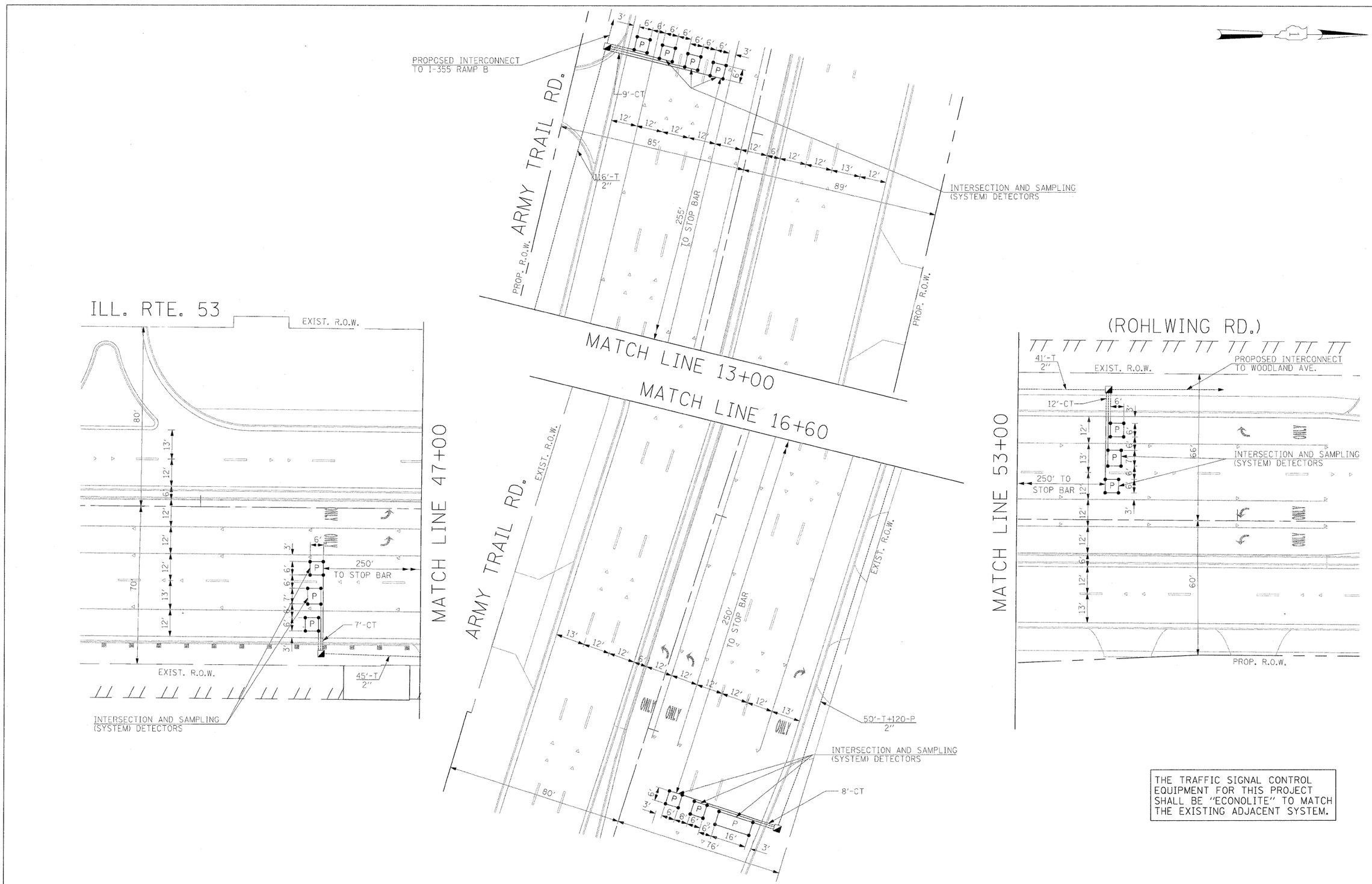
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARMY TRAIL RD.
(SHEET 1 OF 2)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	445
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



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

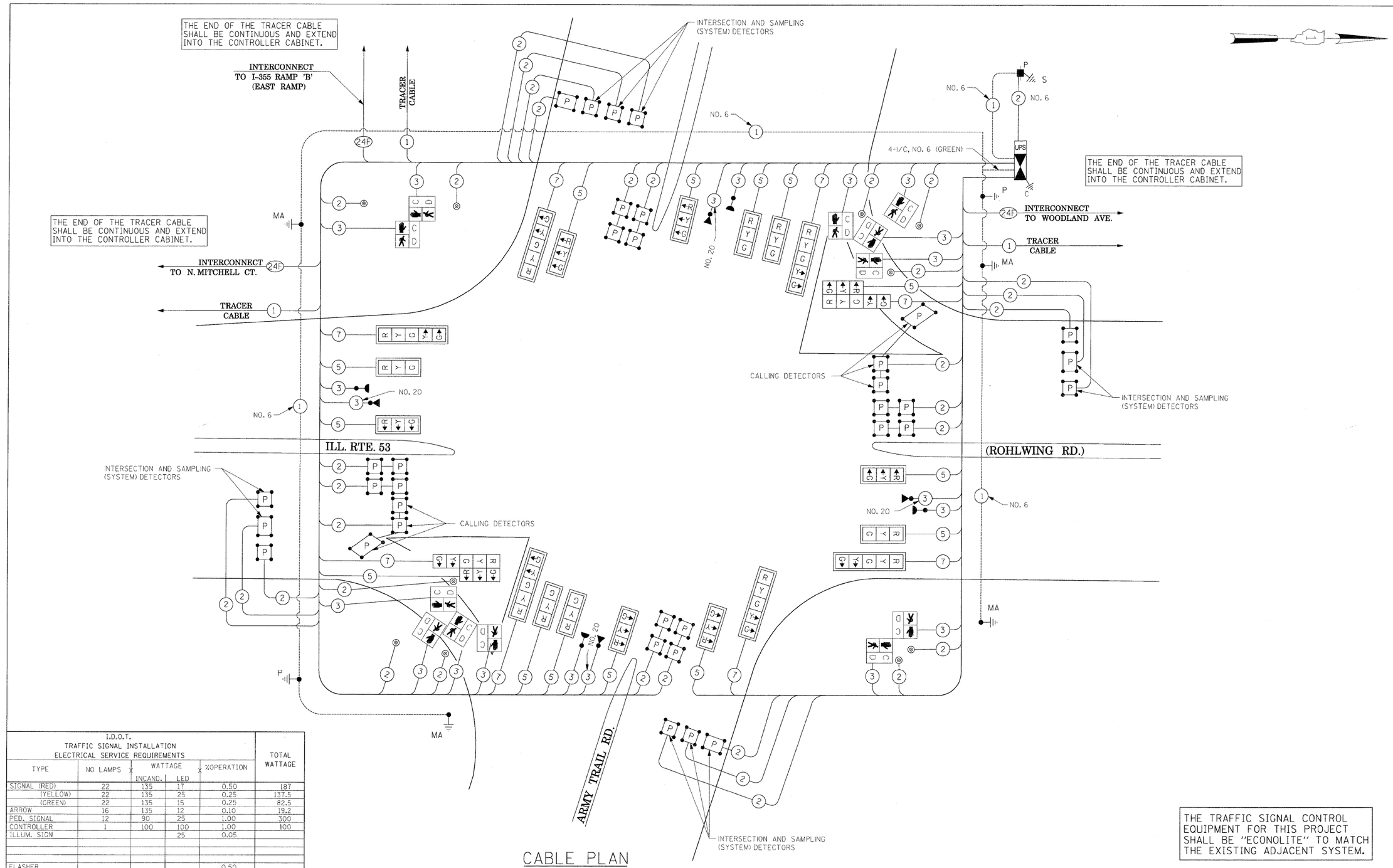
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARMY TRAIL RD.
(SHEET 2 OF 2)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	446
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



CABLE PLAN
(NOT TO SCALE)

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	X WATTAGE INCAND.	WATTAGE LED	X %OPERATION	
SIGNAL (RED)	22	135	17	0.50	187
(YELLOW)	22	135	25	0.25	137.5
(GREEN)	22	135	15	0.25	82.5
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	12	90	25	1.00	300
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	826.2

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

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

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARMY TRAIL RD.

SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA.

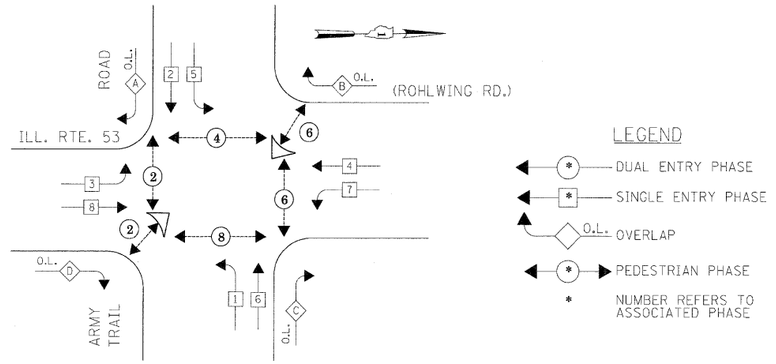
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	447
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

	QUANTITY	UNIT	ITEM
	58	SQ FT	SIGN PANEL - TYPE 1
	30	SQ FT	SIGN PANEL - TYPE 2
	752	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
	15	FOOT	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL
	33	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
	25	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
	618	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
	984	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
	7	EACH	HANDHOLE
	4	EACH	HEAVY-DUTY HANDHOLE
	3	EACH	DOUBLE HANDHOLE
	804	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
	1	EACH	TRANSCEIVER-FIBER OPTIC
	2516	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
	4437	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
	4335	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
	2291	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
	8666	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
	39	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
	2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
	1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 48 FT.
	1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 56 FT.
	1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 54 FT. AND 46 FT.
	1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 60 FT. AND 34 FT.
	8	FOOT	CONCRETE FOUNDATION, TYPE A
	4	FOOT	CONCRETE FOUNDATION, TYPE C
	31	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
	43	FOOT	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER
	12	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
	6	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
	2	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
	2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
	2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
	18	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
	23	EACH	INDUCTIVE LOOP DETECTOR
*	4	EACH	LIGHT DETECTOR
*	1	EACH	LIGHT DETECTOR AMPLIFIER
	10	EACH	PEDESTRIAN PUSH-BUTTON
	1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
	15	EACH	REMOVE EXISTING HANDHOLE
	10	EACH	REMOVE EXISTING CONCRETE FOUNDATION
	1331	FOOT	PREFORMED DETECTOR LOOP
	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
	1	EACH	UNINTERRUPTIBLE POWER SUPPLY
	929	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
*	1270	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED

* 100% COST TO VILLAGE OF ADDISON

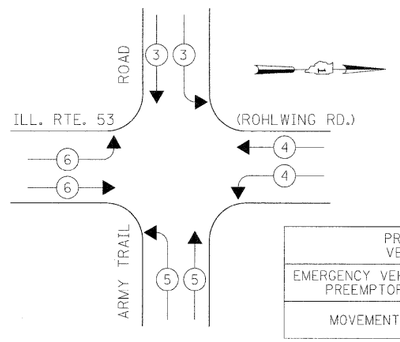
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

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

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

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

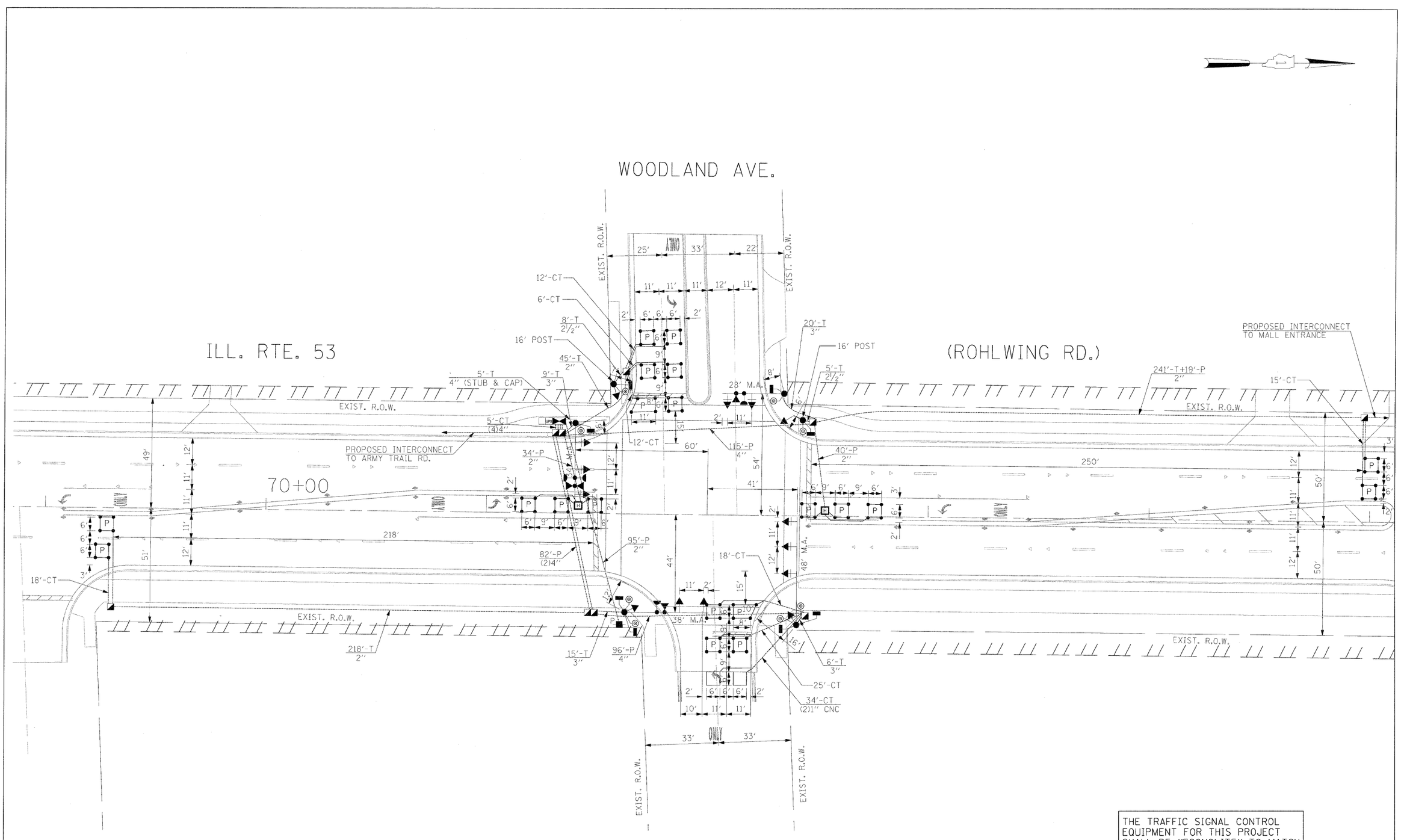
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA. EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PHASE DESIGNATION DIAGRAM
EMERGENCY VEHICLE PREEMPTION SEQUENCE
SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARMY TRAIL RD.

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	78	448
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT WOODLAND AVE.

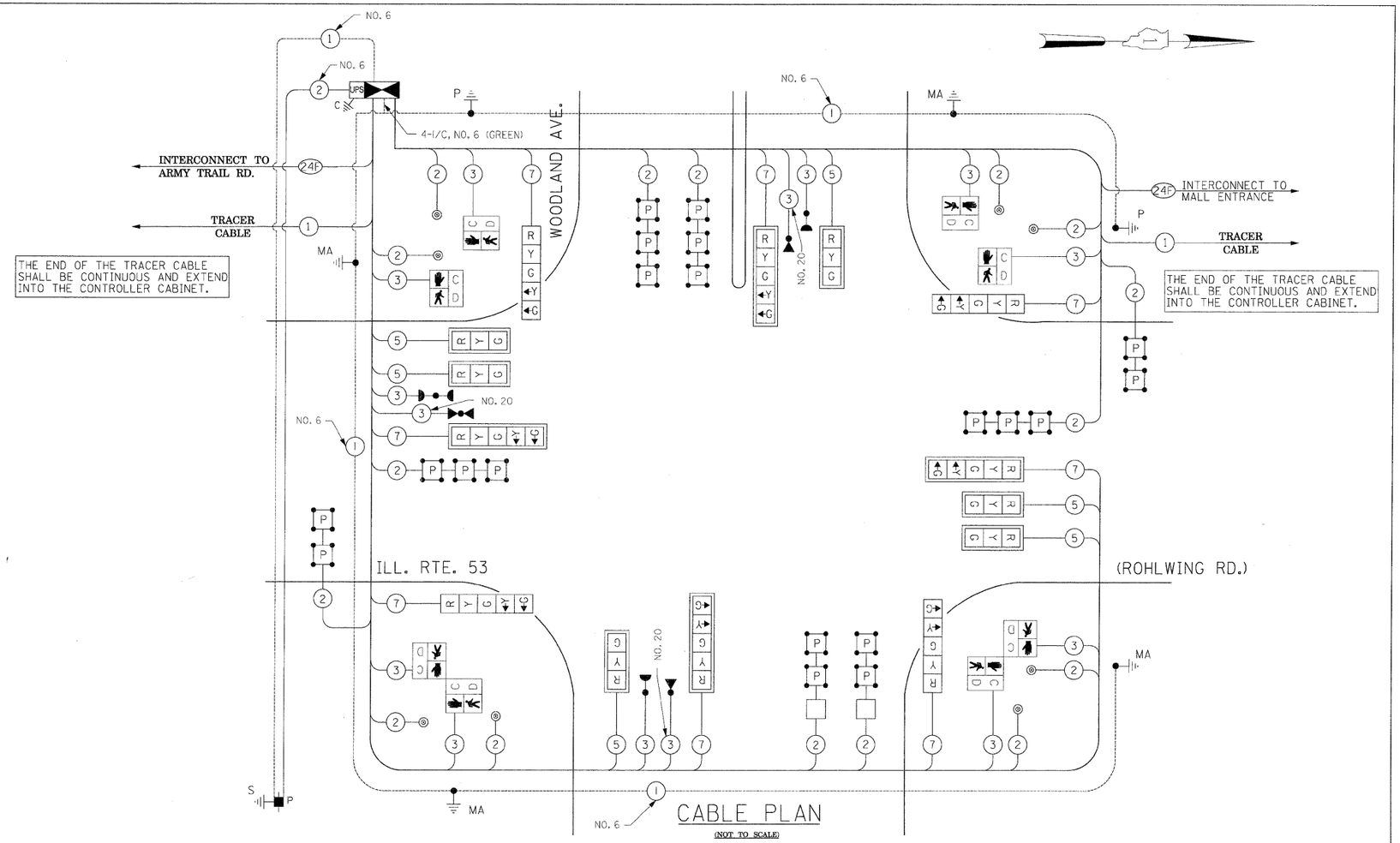
SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	449
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
18	SQ FT	SIGN PANEL - TYPE 1
21	SQ FT	SIGN PANEL - TYPE 2
504	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
13	FOOT	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL
50	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
25	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
188	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
375	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
5	EACH	HANDHOLE
2	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
581	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCEIVER-FIBER OPTIC
1232	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1769	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1078	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
1445	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
1585	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
115	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLEY AND POLE, 28 FT.
1	EACH	STEEL MAST ARM ASSEMBLEY AND POLE, 34 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.
8	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
10	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
45	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
8	EACH	INDUCTIVE LOOP DETECTOR
64	FOOT	DETECTOR LOOP, TYPE 1
* 3	EACH	LIGHT DETECTOR
* 1	EACH	LIGHT DETECTOR AMPLIFIER
8	EACH	PEDESTRIAN PUSH-BUTTON
667	FOOT	PREFORMED DETECTOR LOOP
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
706	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
* 481	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED

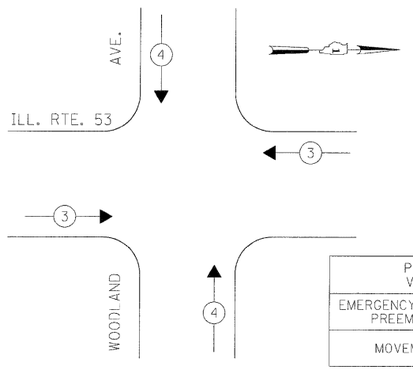
* 100% COST TO VILLAGE OF ADDISON



CABLE PLAN

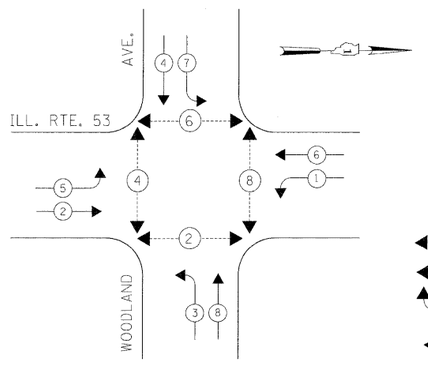
(NOT TO SCALE)

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

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

LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- O.L. OVERLAP
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	14	135	17	0.50	119
(YELLOW)	14	135	25	0.25	87.5
(GREEN)	14	135	15	0.25	52.5
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	578.2

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREMEEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 53 (ROHLWING RD.) AT WOODLAND AVE.

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	450
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

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 DISTRICT 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.

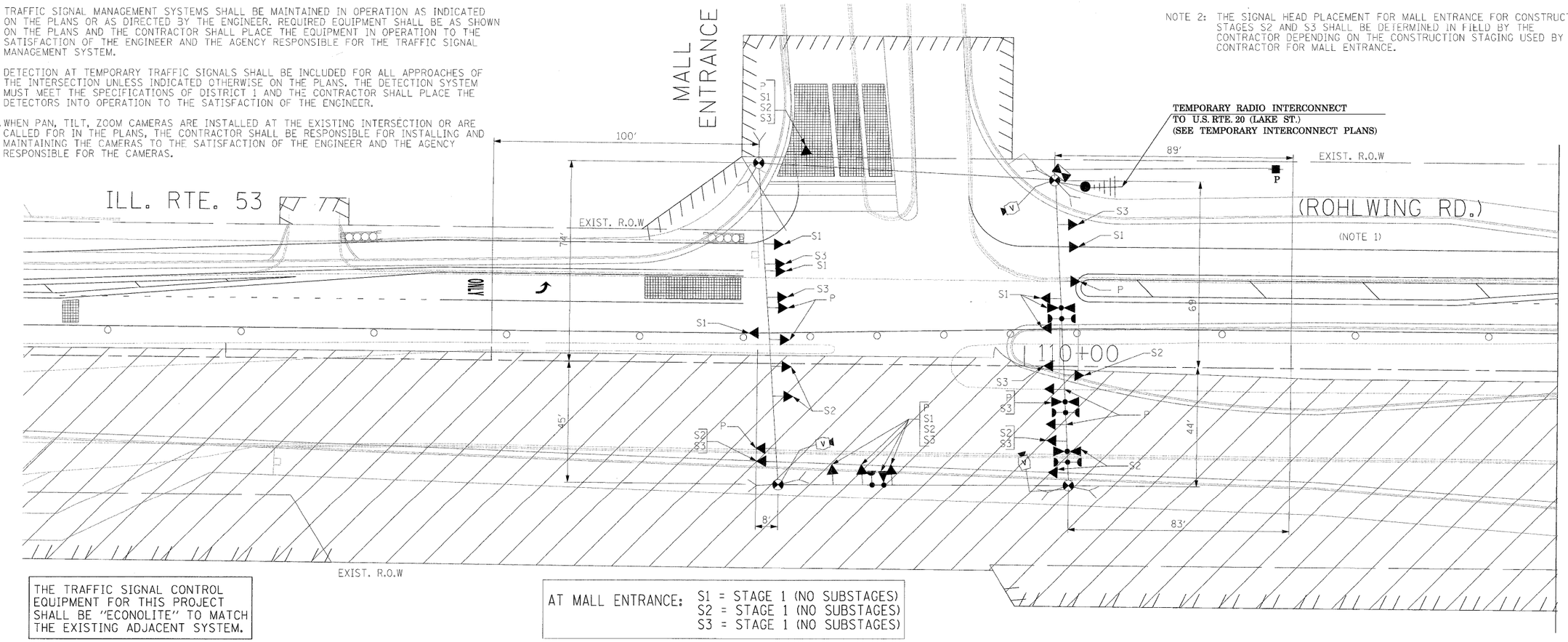
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

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 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.



NOTE 1: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

NOTE 2: THE SIGNAL HEAD PLACEMENT FOR MALL ENTRANCE FOR CONSTRUCTION STAGES S2 AND S3 SHALL BE DETERMINED IN FIELD BY THE CONTRACTOR DEPENDING ON THE CONSTRUCTION STAGING USED BY THE CONTRACTOR FOR MALL ENTRANCE.

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

AT MALL ENTRANCE: S1 = STAGE 1 (NO SUBSTAGES)
S2 = STAGE 1 (NO SUBSTAGES)
S3 = STAGE 1 (NO SUBSTAGES)

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

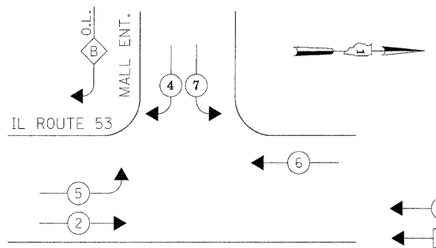
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT MALL ENTRANCE
PRE STAGE, STAGE 1, STAGE 2, AND STAGE 3 (SHEET 1 OF 2)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	451
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

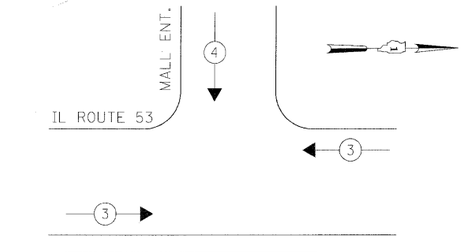
STAGES: PRE-STAGE, STAGE 1, STAGE 2 STAGE 3, AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5

LEGEND

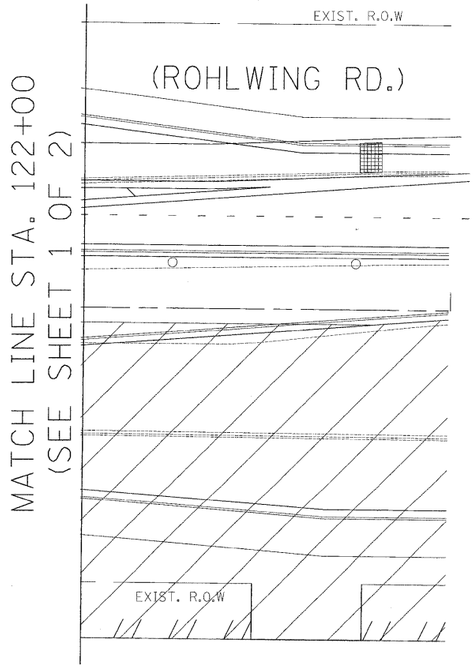
- (*) DUAL ENTRY PHASE
- [*] SINGLE ENTRY PHASE
- O.L. OVERLAP
- (*) PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

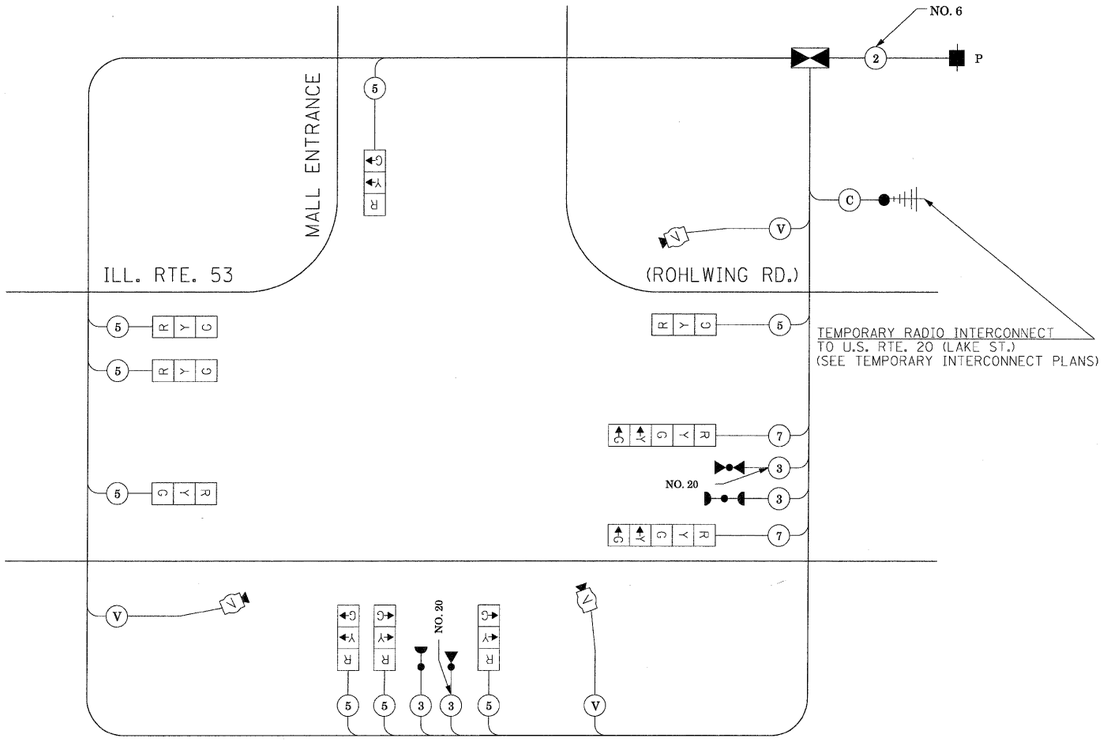
EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

STAGES: PRE-STAGE, STAGE 1, STAGE 2, STAGE 3, AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT





TEMPORARY CABLE PLAN

(NOT TO SCALE)

PRE-STAGE, STAGE 1, STAGE 2, STAGE 3,
AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	10	135	17	0.50	85
(YELLOW)	10	135	25	0.25	62.5
(GREEN)	10	135	15	0.25	37.5
ARROW	4	135	12	0.10	4.8
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	439.8

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

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

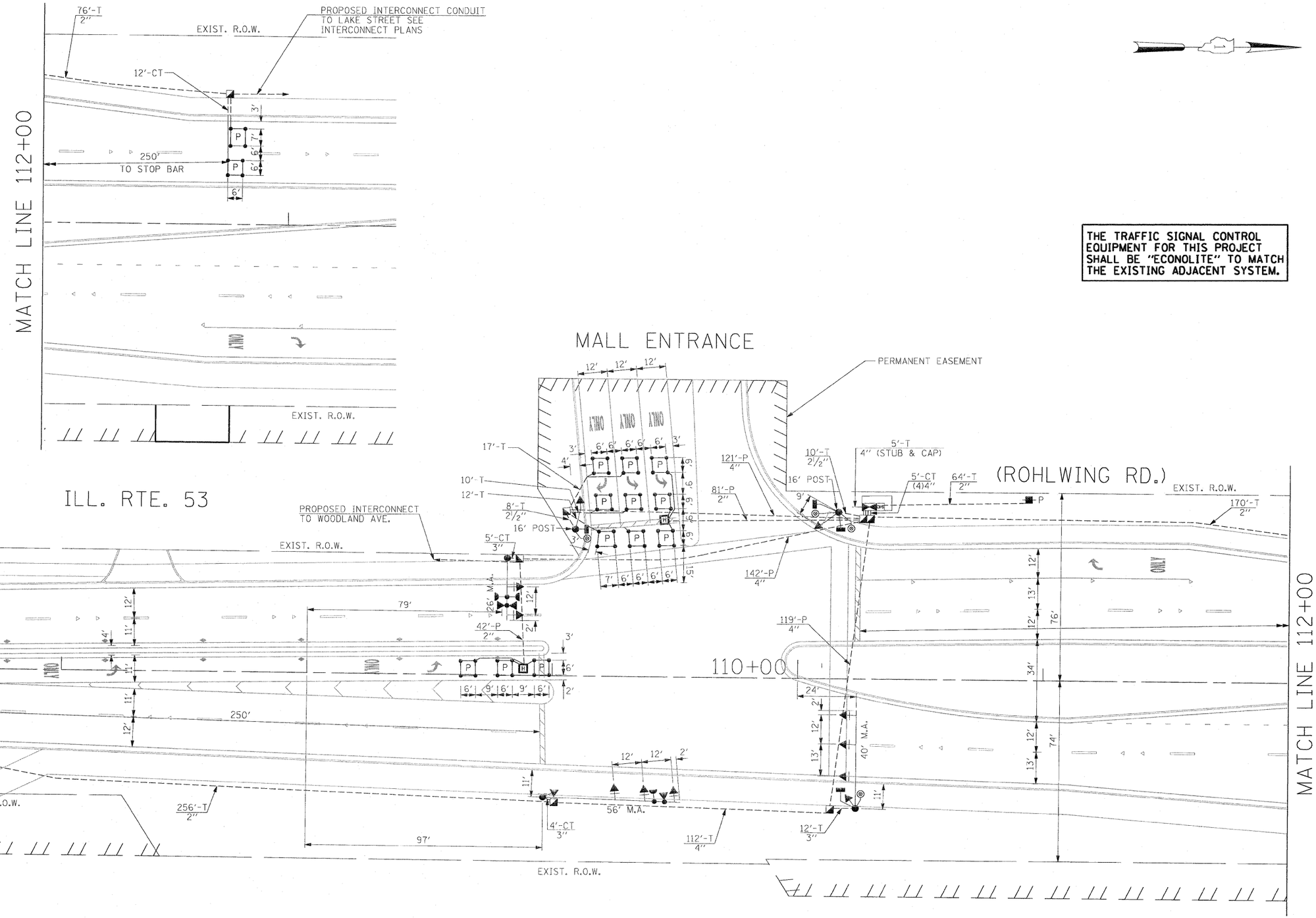
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILLINOIS ROUTE 53 (ROHLWING RD.) AT MALL ENTRANCE
PRE-STAGE, STAGE 1, STAGE 2, AND STAGE 3 (SHEET 2 OF 2).

SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	452
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, CT	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, E	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT MALL ENTRANCE

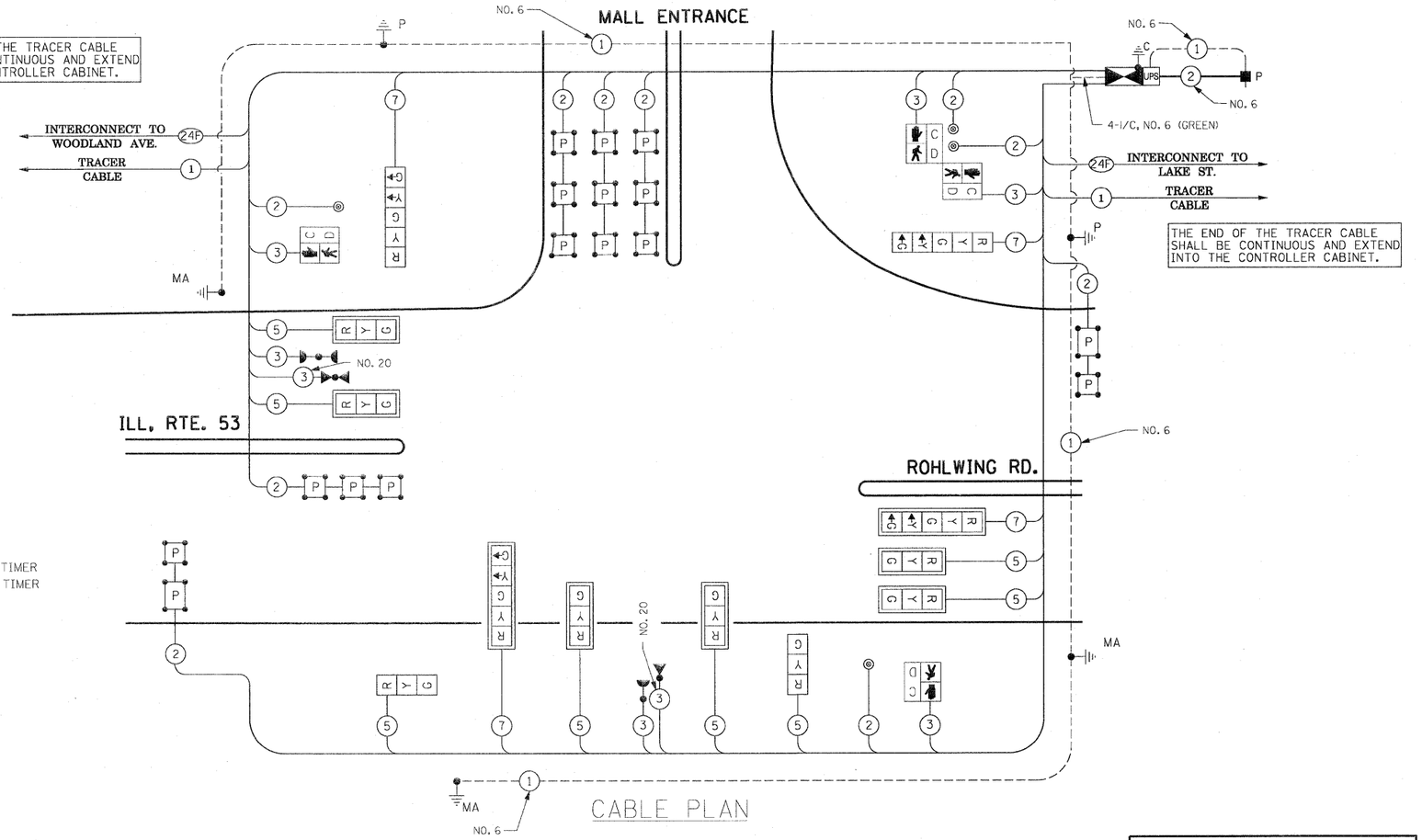
SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	453
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
9	SQ FT	SIGN PANEL - TYPE 1
566	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
18	FOOT	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL
17	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
137	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
123	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
382	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
6	EACH	HANDHOLE
2	EACH	HEAVY-DUTY HANDHOLE
1	EACH	DOUBLE HANDHOLE
714	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCEIVER-FIBER OPTIC
427	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1026	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
2001	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
775	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
1434	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
84	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.
8	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
30	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
21	FOOT	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER
6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM 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
8	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
6	EACH	INDUCTIVE LOOP DETECTOR
* 2	EACH	LIGHT DETECTOR
* 1	EACH	LIGHT DETECTOR AMPLIFIER
4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
507	FOOT	PREFORMED DETECTOR LOOP
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
756	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
* 571	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED

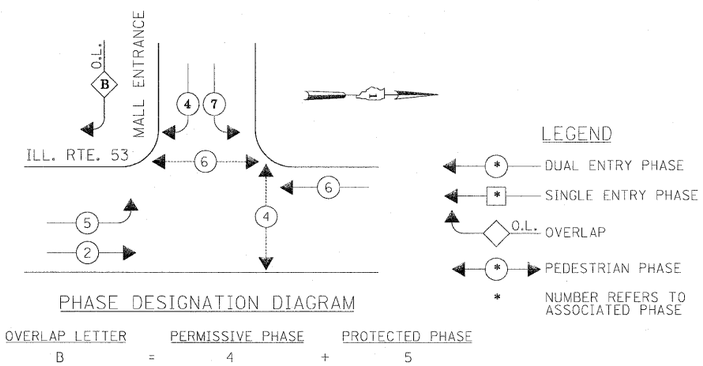
* 100% COST TO VILLAGE OF ADDISON



CABLE PLAN

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

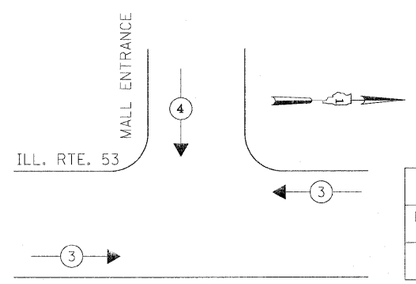
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE x INCAND.	WATTAGE x LED	%OPERATION	
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
ARROW	8	135	12	0.10	9.6
PED. SIGNAL	4	90	25	1.00	100
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	431.6

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, E	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, E	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREMEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 53 (ROHLWING RD.) AT MALL ENTRANCE

SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	454
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

NOTES FOR TEMPORARY TRAFFIC SIGNALS

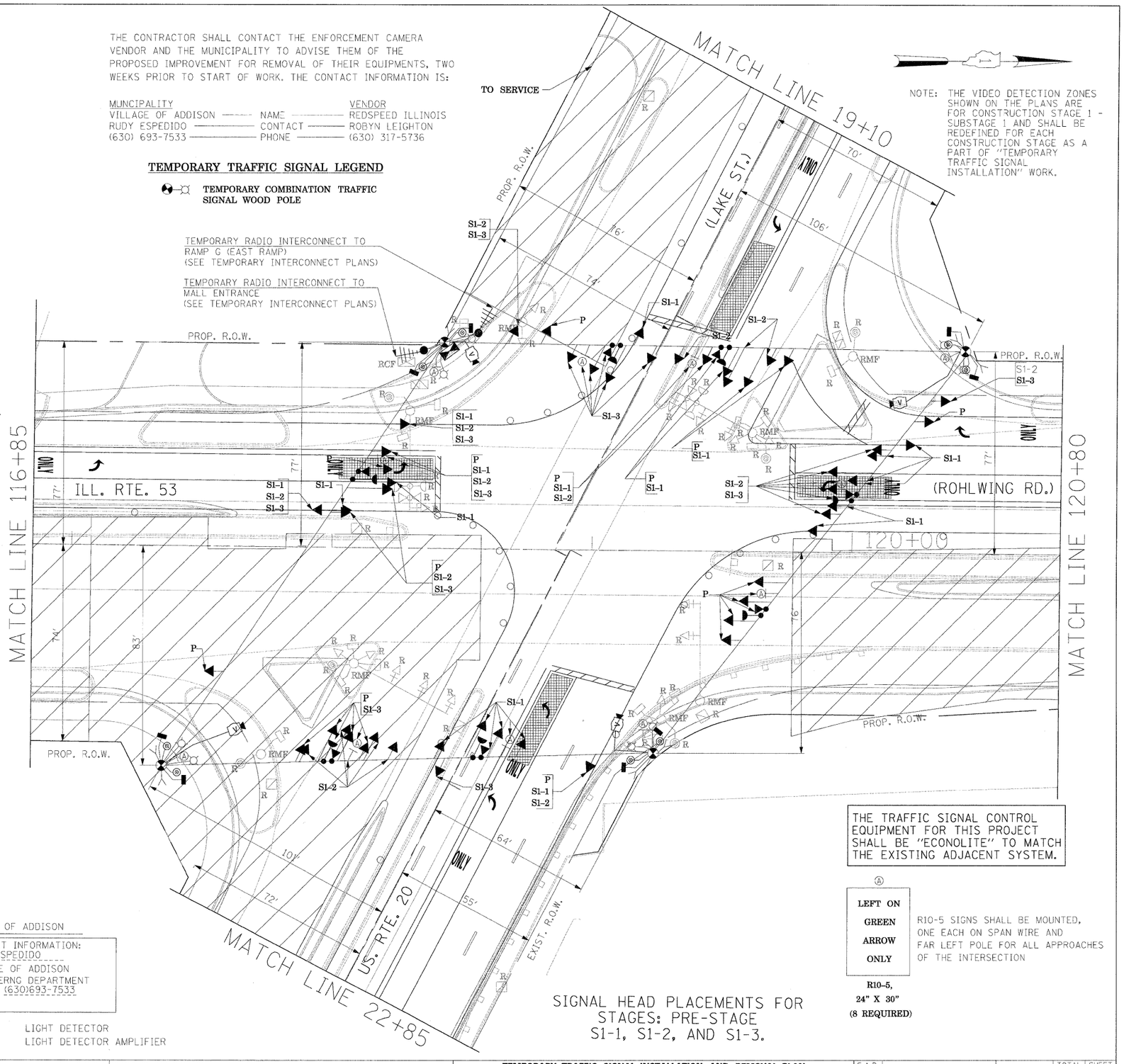
1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. 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 SIGNAL, 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 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 CONTRACTOR SHALL CONTACT THE ENFORCEMENT CAMERA VENDOR AND THE MUNICIPALITY TO ADVISE THEM OF THE PROPOSED IMPROVEMENT FOR REMOVAL OF THEIR EQUIPMENTS, TWO WEEKS PRIOR TO START OF WORK. THE CONTACT INFORMATION IS:

MUNCIPALITY		VENDOR
VILLAGE OF ADDISON	NAME	REDSPEED ILLINOIS
RUDY ESPEDIDO	CONTACT	ROBYN LEIGHTON
(630) 693-7533	PHONE	(630) 317-5736

TEMPORARY TRAFFIC SIGNAL LEGEND

TEMPORARY COMBINATION TRAFFIC SIGNAL WOOD POLE



NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

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

1	EACH	CONTROLLER AND CABINET COMPLETE
4	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
6	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, 2-FACE, 5-SECTION, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, 2-FACE, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, 3-FACE, BRACKET MOUNTED
10	EACH	TRAFFIC SIGNAL BACKPLATE
4	EACH	TRAFFIC SIGNAL POST
4	EACH	STEEL MAST ARM ASSEMBLY AND POLE
6	EACH	PEDESTRIAN PUSH-BUTTON
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 ADDISON

CONTACT INFORMATION:
RUDY ESPEDIDO
VILLAGE OF ADDISON
ENGINEERNG DEPARTMENT
PHONE: (630)693-7533

2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

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

Ⓐ

LEFT ON GREEN ARROW ONLY

R10-5, 24" X 30" (8 REQUIRED)

R10-5 SIGNS SHALL BE MOUNTED, ONE EACH ON SPAN WIRE AND FAR LEFT POLE FOR ALL APPROACHES OF THE INTERSECTION

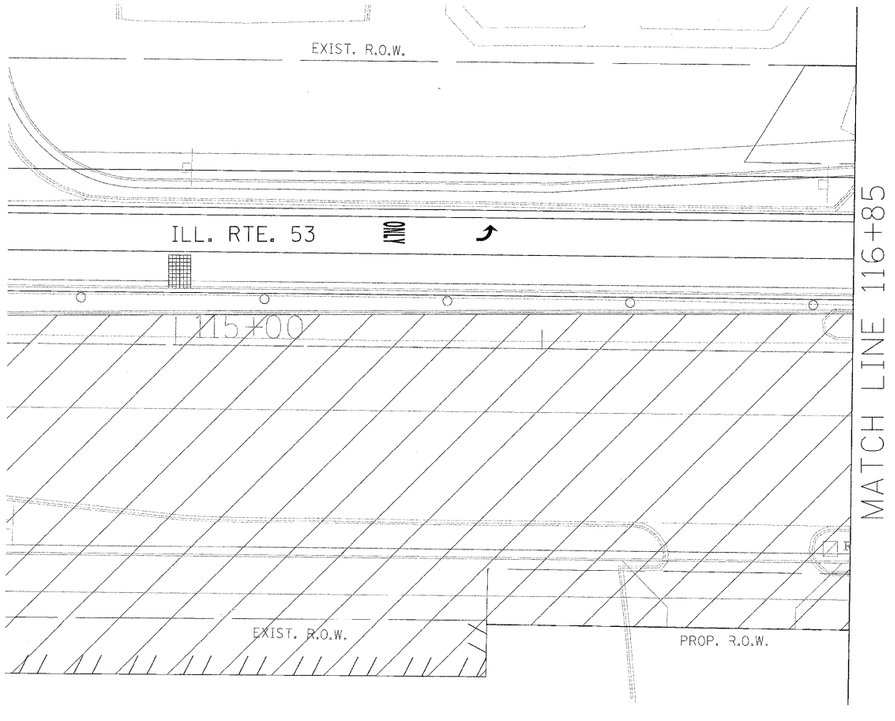
SIGNAL HEAD PLACEMENTS FOR STAGES: PRE-STAGE S1-1, S1-2, AND S1-3.

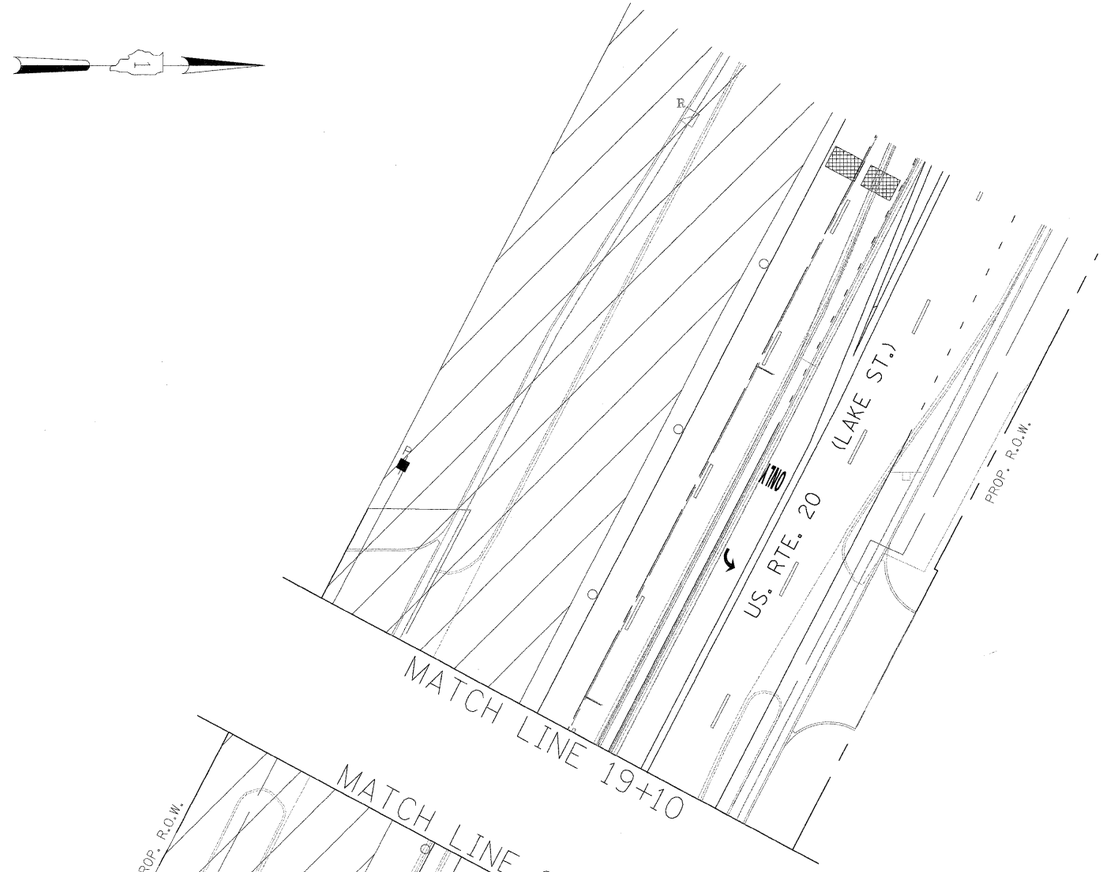
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - MAA, EA	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -	
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -	

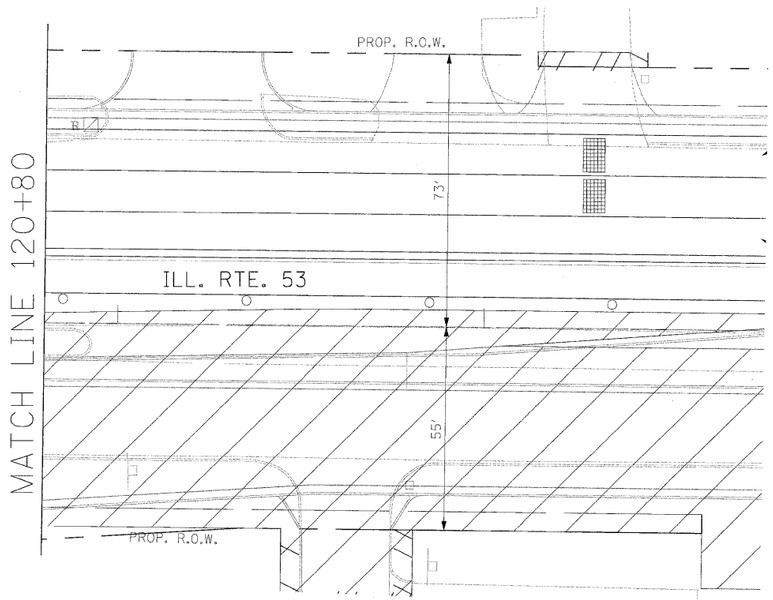
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILLINOIS ROUTE 53 (ROHLWING RD.) AT U.S. ROUTE 20 (LAKE ST.) PRE STAGE AND STAGE 1 (SHEET 1 OF 6).

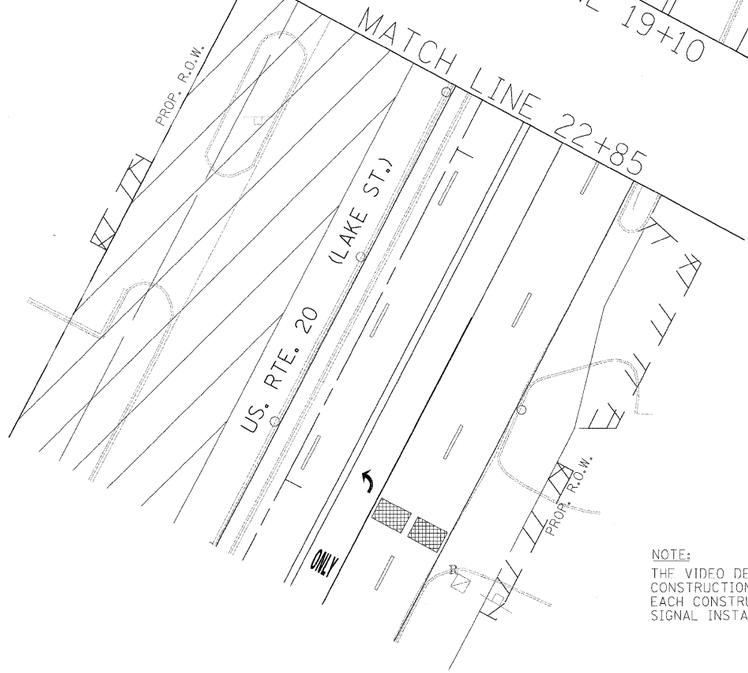
SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	455
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		









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

NOTE:
THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT U.S. ROUTE 20 (LAKE ST.) PRE STAGE AND STAGE 1 (SHEET 2 OF 6)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	456
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

TEMPORARY TRAFFIC SIGNAL LEGEND

TEMPORARY COMBINATION TRAFFIC SIGNAL WOOD POLE

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

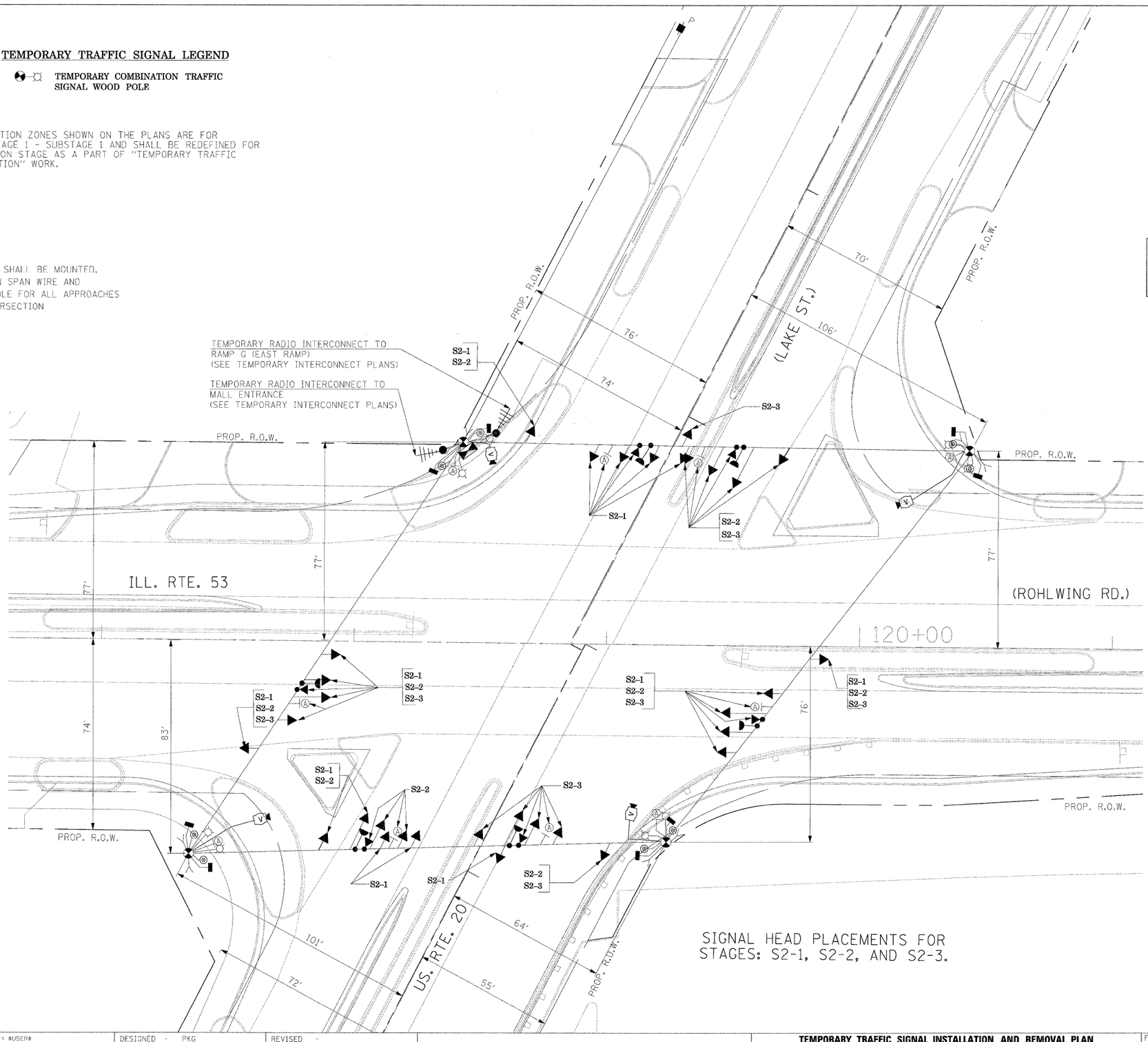
Ⓐ

LEFT ON GREEN ARROW ONLY

R10-5, 24" X 30" (8 REQUIRED)

R10-5 SIGNS SHALL BE MOUNTED, ONE EACH ON SPAN WIRE AND FAR LEFT POLE FOR ALL APPROACHES OF THE INTERSECTION

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



SIGNAL HEAD PLACEMENTS FOR STAGES: S2-1, S2-2, AND S2-3.

FILE NAME = $FILE1$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT U.S. ROUTE 20 (LAKE ST.) STAGE 2
(SHEET 3 OF 6)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	457
		CONTRACT NO. 60477		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TEMPORARY TRAFFIC SIGNAL LEGEND

TEMPORARY COMBINATION TRAFFIC SIGNAL WOOD POLE

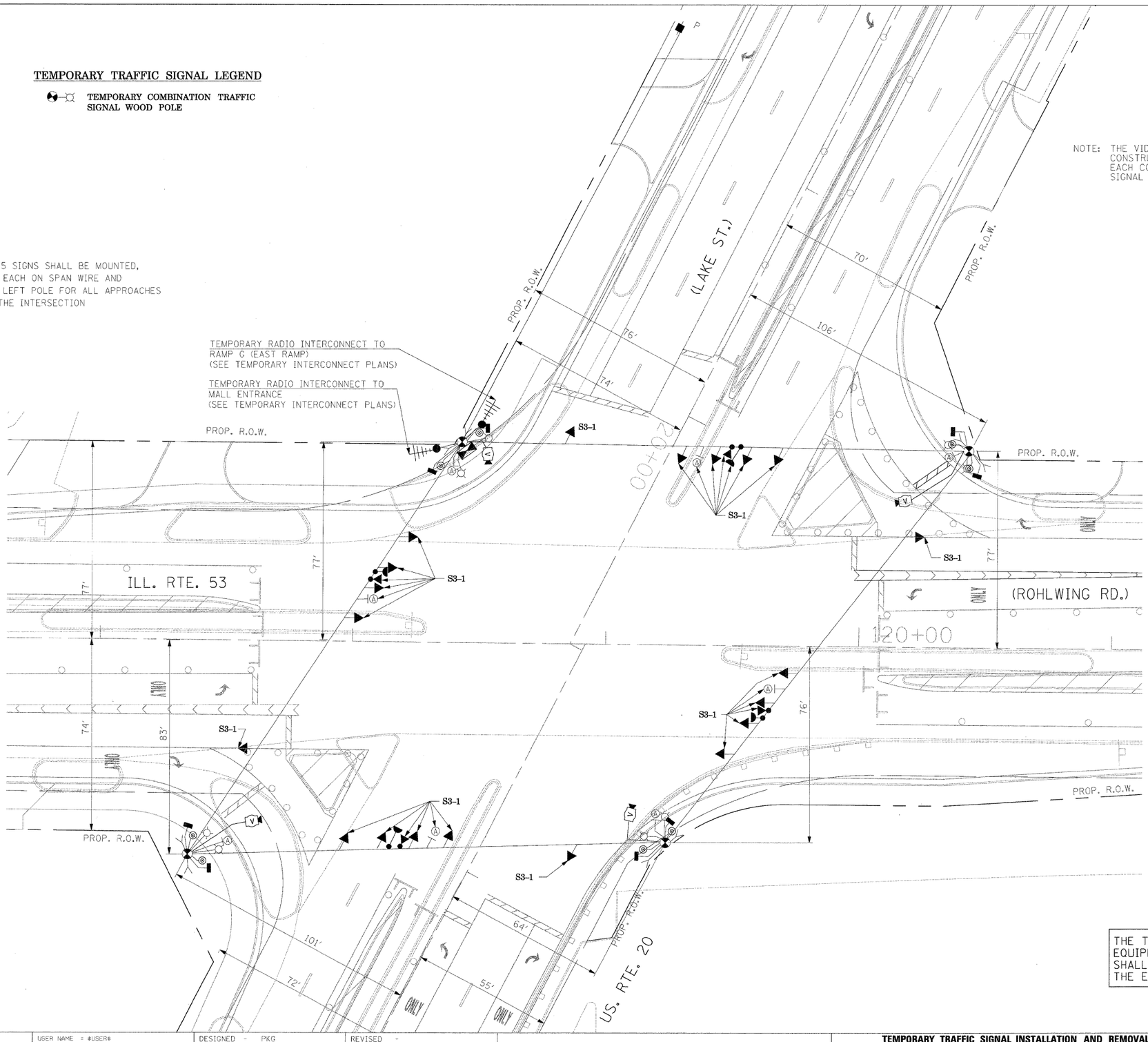
Ⓐ

LEFT ON GREEN ARROW ONLY

R10-5, 24" X 30" (8 REQUIRED)

R10-5 SIGNS SHALL BE MOUNTED, ONE EACH ON SPAN WIRE AND FAR LEFT POLE FOR ALL APPROACHES OF THE INTERSECTION

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.



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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

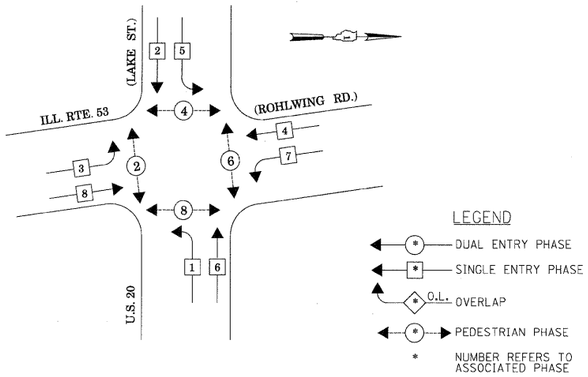
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT U.S. ROUTE 20 (LAKE ST.) STAGE 3
(SHEET 4 OF 6)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	458
		CONTRACT NO. 60477		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

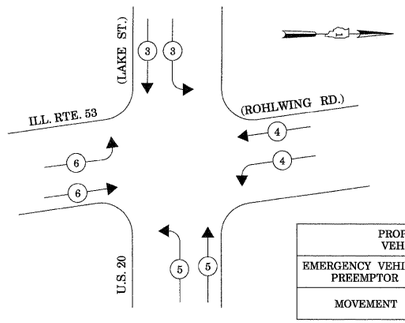
CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: PRE-STAGE, S1-1, S1-3, S2-1, S2-3, S3, AND
AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

EMERGENCY VEHICLE PREEMPTION SEQUENCE



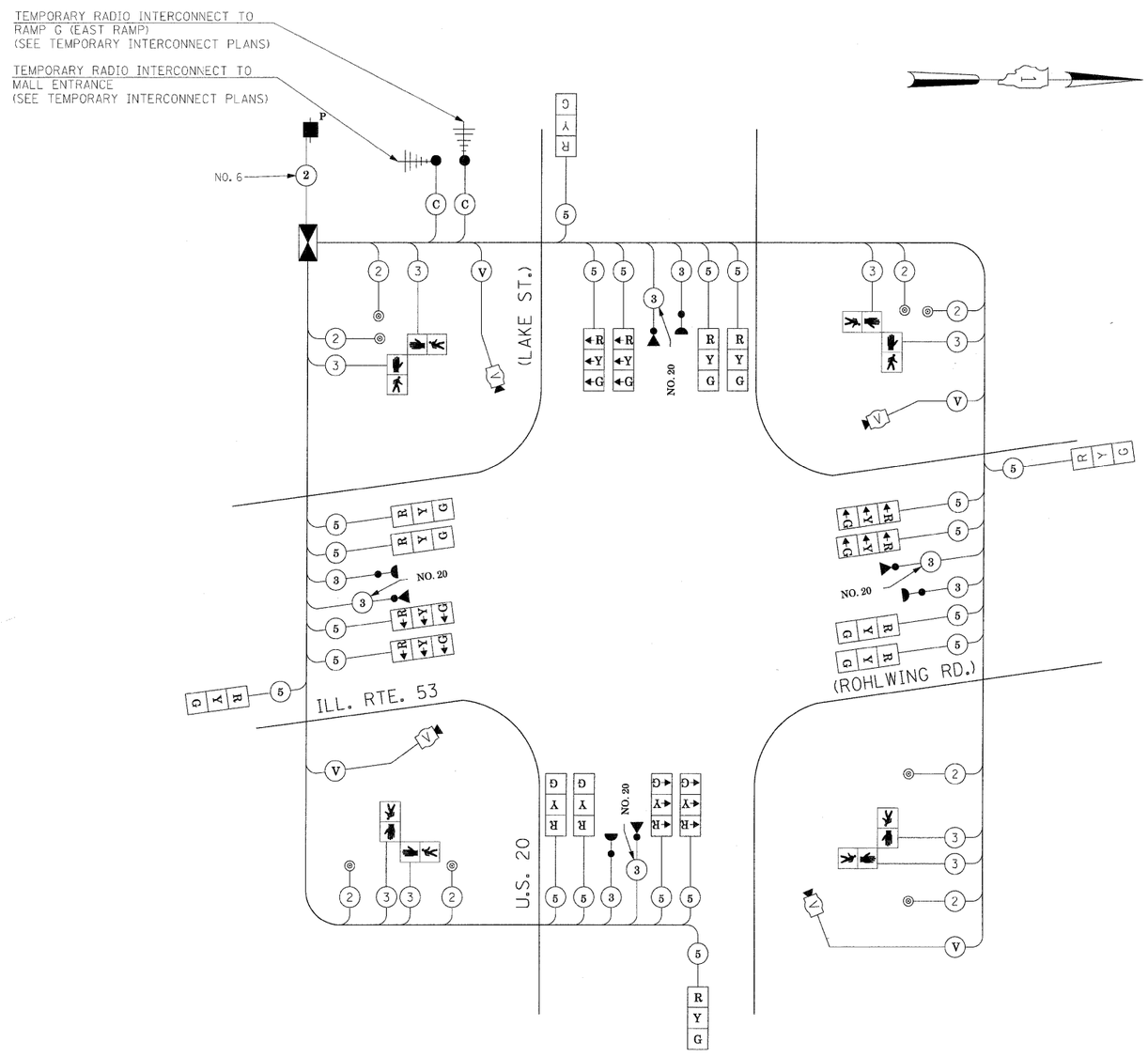
PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

STAGES: PRE-STAGE, S1-1, S1-3, S2-1, S2-3, S3, AND
AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	20	135	17	0.50	170
(YELLOW)	20	135	25	0.25	125
(GREEN)	20	135	15	0.25	75
ARROW		135	12	0.10	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	620

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES: PRE-STAGE, S1-1, S1-2, S1-3, S2-1, S2-2, S2-3, S3, AND
AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -	
		DRAWN - MAA, EA	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -	
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -	

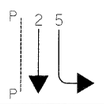
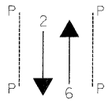
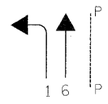
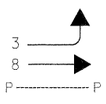
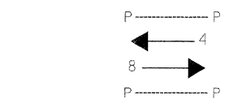
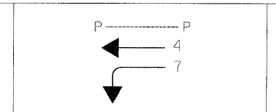
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILLINOIS ROUTE 53 (ROHLWING RD.) AT U.S. 20 (LAKE ST.).
PRE-STAGE, STAGE 1, STAGE 2, AND STAGE 3 (SHEET 6 OF 6).

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	459
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

TEMPORARY SEQUENCE OF OPERATION (FOR STAGE 1, SUB STAGE 2 AND STAGE 2, SUB STAGE 2 WITH LEAD-LAG OPERATION FOR US RTE. 20 AND ILL. RTE. 53)

MOVEMENT																																										FLASH
PHASE		2+5						2+6								1+6						3+8						4+8								4+7						
INTERVAL		1	2	3A	3B	4A	4B	5	6	7A	7B	8A	8B	9A	9B	10	11	12A	12B	13A	13B	14	15	16A	16B	17A	17B	18	19	20A	20B	21A	21B	22A	22B	23	24	25A	25B	26A	26B	
CHANGE TO		∅	∅	1+6 3+8 4+7 4+8		2+6				1+6		2+5		3+8 4+7 4+8				2+5 3+8 4+7 4+8		2+6		∅	∅	1+6 2+5 2+6 4+7		4+8				4+7		3+8		1+6 2+5 2+6				1+6 2+5 2+6 3+8		4+8		
US ROUTE 20 (LAKE STREET) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	E/B	G	G	Y	R	G	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
US ROUTE 20 (LAKE STREET) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	E/B	◄G	◄G	◄Y	◄R	◄Y	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	R
US ROUTE 20 (LAKE STREET) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	W/B	R	R	R	R	R	R	G	G	G	G	Y	R	Y	R	G	G	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
US ROUTE 20 (LAKE STREET) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	W/B	R	R	R	R	R	R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄G	◄G	◄Y	◄R	◄Y	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	R
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	G	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄G	◄G	◄Y	◄R	◄Y	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	Y	R	G	G	Y	R	G	R
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄G	◄G	◄Y	◄R	◄Y	◄R	◄R
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON NORTH SIDE OF US ROUTE 20 (LAKE STREET)		H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON SOUTH SIDE OF US ROUTE 20 (LAKE STREET)		*P	**FH	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS - CROSSING US ROUTE 20 (LAKE STREET) ON EAST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS - CROSSING US ROUTE 20 (LAKE STREET) ON WEST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	*P	**FH	H	H	H	DARK

P = ILLUMINATED PERSON = WALK

FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK

H = ILLUMINATED SOLID HAND = DON'T WALK

PHASE 2 + 6 SHALL BE PLACED ON RECALL.

* TO APPEAR ONLY UPON PUSHBUTTON ACTUATION.

** FLASHING " 🚶 " IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

∅ THIS " 🚶 " OR FLASHING " 🚶 " INTERVAL MAY FINISH TIMING IN THE BI-DIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE " 🚶 " OR FLASHING " 🚶 " INTERVALS. " 🚶 " AND FLASHING " 🚶 " TIMINGS TO BE SET ONLY ON THE PHASES WHERE " 🚶 " AND FLASHING " 🚶 " ARE INDICATED IN THE SEQUENCE OF OPERATION.

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SEQUENCE OF OPERATION
ILL. RTE. 53 (ROHLWING RD.) AT US RTE. 20 (LAKE ST.) STAGE 1, SUB STAGE 2 AND STAGE 2, SUB STAGE 2

SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	460
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

TEMPORARY EMERGENCY VEHICLE SEQUENCE OF OPERATION (FOR STAGE 1, SUB STAGE 2 AND STAGE 2, SUB STAGE 2 WITH LEAD-LAG OPERATION FOR US RTE. 20 AND ILL. RTE. 53)

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1	1			5			5			5			10			10	14			14	18			18			18		
EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z	1AA	1BB	1CC	1DD	1EE	1FF
CHANGE TO EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		2	1C	1D	3,4 5	1F	1G	2	1J	1K	3, 5	1M	1N	4	1Q	1R	2,3 5	4	1U	1V	2,3 4	5	1Y	1Z	2,4	1BB	1CC	3	1EE	1FF	5
US ROUTE 20 (LAKE STREET) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	E/B	G	G	Y	R	G	G	G	G	Y	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
US ROUTE 20 (LAKE STREET) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	E/B	◂G	◂G	◂Y	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R
US ROUTE 20 (LAKE STREET) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	W/B	R	R	R	R	G	Y	R	G	Y	R	G	G	G	G	Y	R	G	R	R	R	R	R	R	R	R	R	R	R	R	R
US ROUTE 20 (LAKE STREET) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	W/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂G	◂Y	◂R	◂G	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	G	Y	R	G	Y	R	G	G	G
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂G	◂Y	◂R	◂G	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	G	G	G	Y	R
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON NORTH SIDE OF US ROUTE 20 (LAKE STREET)		H	H	H	H	FH	H	H	FH	H	H	FH	H	H	FH	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON SOUTH SIDE OF US ROUTE 20 (LAKE STREET)		FH	FH	H	H	FH	H	H	FH	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS - CROSSING US ROUTE 20 (LAKE STREET) ON EAST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	FH	FH	H	H	FH	H	H	FH	H	H
PEDESTRIAN SIGNALS - CROSSING US ROUTE 20 (LAKE STREET) ON WEST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	FH	H	H	FH	H	H

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		23			23	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 5	PREEMPTOR NUMBER 6	CLEAR TO NORMAL SEQUENCE
EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1GG	1HH	1JJ	1KK	2	3	4	5	
CHANGE TO EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1HH	1JJ	2,4 5	3					
US ROUTE 20 (LAKE STREET) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	E/B	R	R	R	R	G	R	R	R	
US ROUTE 20 (LAKE STREET) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	E/B	◂R	◂R	◂R	◂R	◂G	◂R	◂R	◂R	◊
US ROUTE 20 (LAKE STREET) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	W/B	R	R	R	R	R	R	G	R	◊
US ROUTE 20 (LAKE STREET) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	W/B	◂R	◂R	◂R	◂R	◂R	◂R	◂G	◂R	◊
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	R	R	R	R	R	R	R	G	◊
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂G	◊
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	G	Y	R	G	R	G	R	R	◊
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	◂G	◂Y	◂R	◂G	◂R	◂G	◂R	◂R	◊
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON NORTH SIDE OF US ROUTE 20 (LAKE STREET)		H	H	H	H	H	H	H	H	◊
PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD) ON SOUTH SIDE OF US ROUTE 20 (LAKE STREET)		H	H	H	H	H	H	H	H	◊
PEDESTRIAN SIGNALS - CROSSING US ROUTE 20 (LAKE STREET) ON EAST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		H	H	H	H	H	H	H	H	◊
PEDESTRIAN SIGNALS - CROSSING US ROUTE 20 (LAKE STREET) ON WEST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)		FH	H	H	FH	H	H	H	H	◊

◊ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2, 3, 4, OR 5 IS TERMINATED.

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION
ILL. RTE. 53 (ROHLWING RD.) AT US RTE. 20 (LAKE ST.) STAGE 1, SUB STAGE 2 AND STAGE 2, SUB STAGE 2

SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	461
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

MATCH LINE B

ILL. RTE. 53

U.S. 20 (LAKE ST.)

(ROHLWING RD.)

MATCH LINE 116+00

MATCH LINE 122+00

MATCH LINE A

PROPOSED INTERCONNECT TO MALL ENT.

EXIST. R.O.W.

PROP. R.O.W.

5'-T 4" (STUB & CAP)

109'-T+61'-P 2"

47'-T 3"

5'-CT (4)4"

66'-CT (2)4"

7'-T 2½"

16' POST

92'-P 2"

130'-P (2)4"

50'-T+67'-P 2"

ONLY

69'

103'-P 2"

54' M.A.

172'-P (2) 4"

50' M.A.

15'-T 3"

60'-P 4"

10' POST

10'-T 2½"

109'-T+42'-P 2"

85'-P 2"

134'-P 4"

50' M.A.

11'-T 3"

106'-T+44'-P 2"

10' POST

8'-CT 2½"

65'-P 3"

48' M.A.

5'-T 3"

84'-P 2"

250'

106'-T 4"

7'-CT 2½"

16' POST

61'-T 2"

Ⓐ 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.

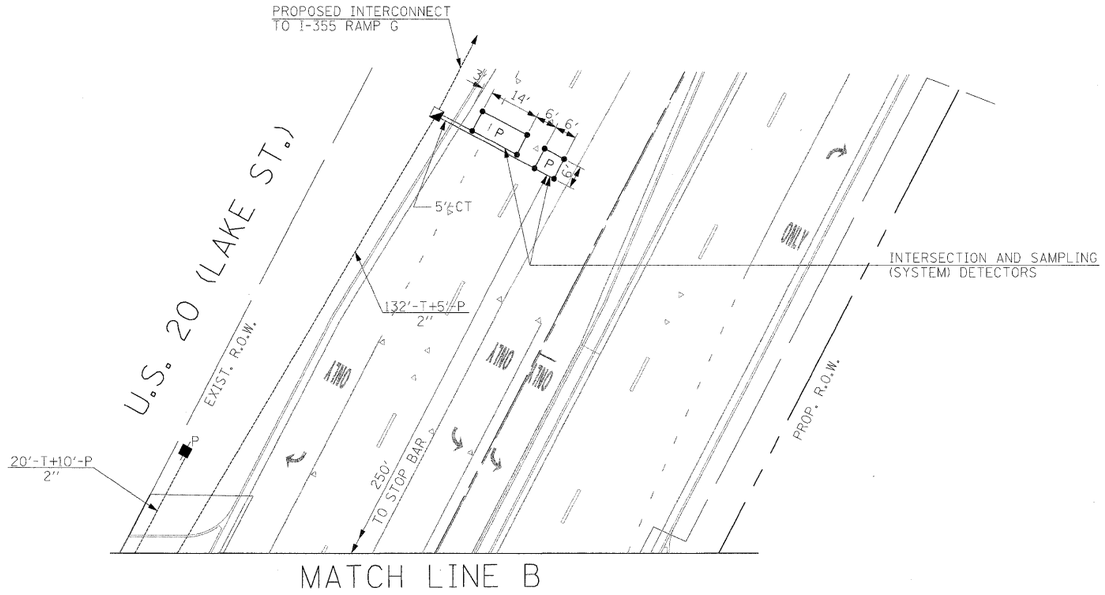
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

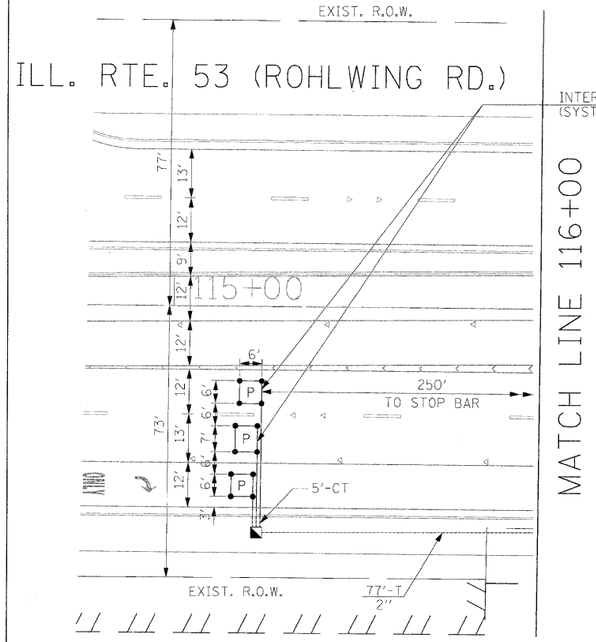
TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT U.S. 20 (LAKE ST.)
(SHEET 1 OF 2).

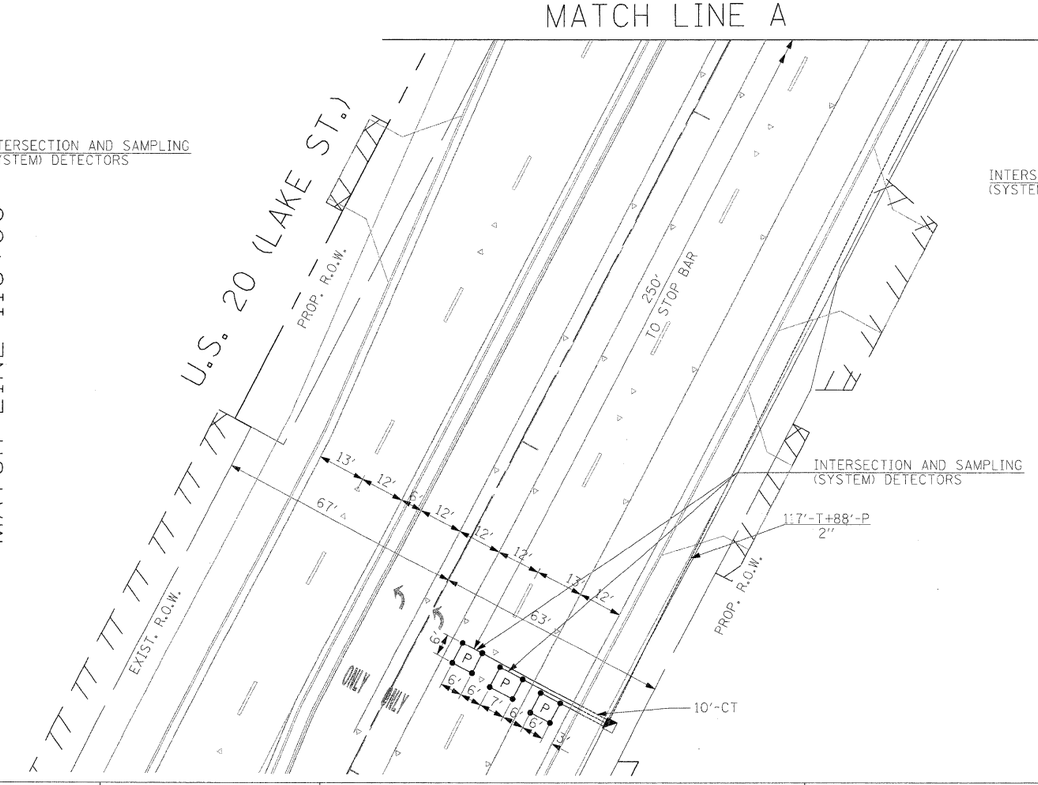
SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

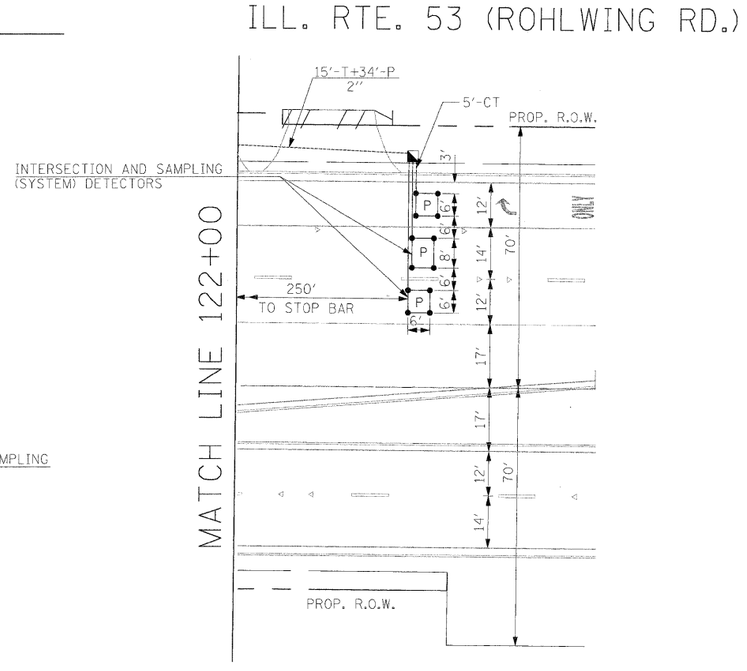
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	462
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



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







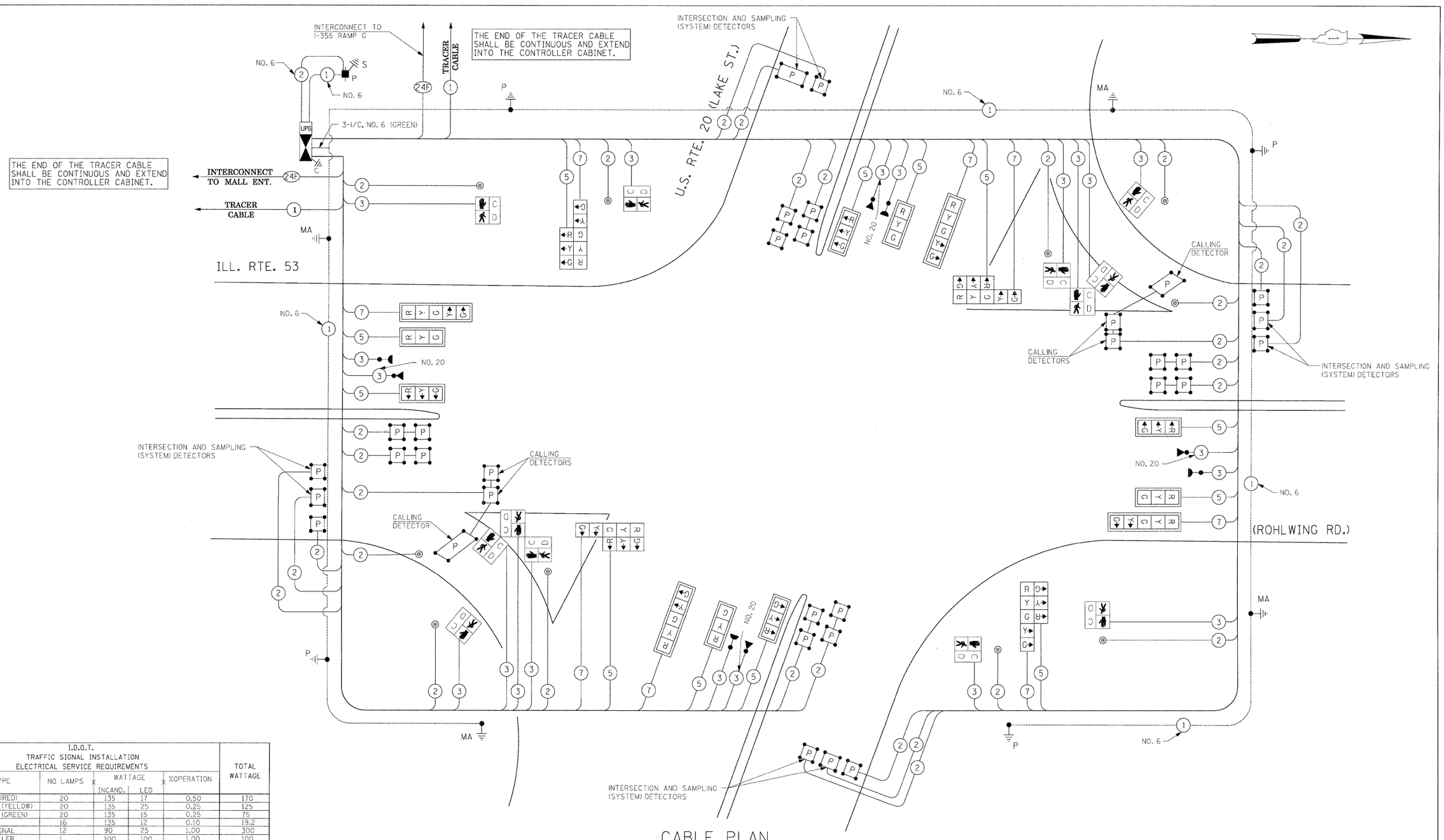
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT U.S. 20 (LAKE ST.)
(SHEET 2 OF 2).

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	463
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



CABLE PLAN

(NOT TO SCALE)

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	20	135	17	0.50	170
(YELLOW)	20	135	25	0.25	125
(GREEN)	20	135	15	0.25	75
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	12	90	25	1.00	300
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	789.2

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

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

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT U.S. 20 (LAKE ST.) (SHEET 1 OF 2).

SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	464
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

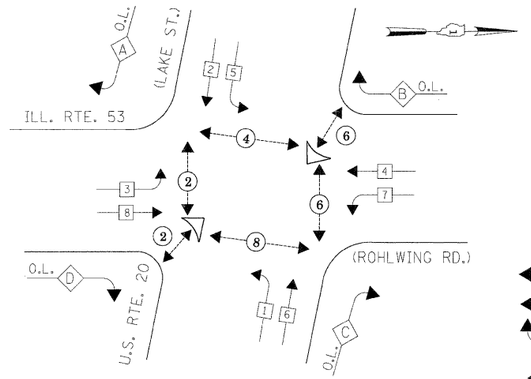
SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
58	SQ FT	SIGN PANEL - TYPE 1
30	SQ FT	SIGN PANEL - TYPE 2
796	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
32	FOOT	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL
78	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
263	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
715	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
65	FOOT	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL
798	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
8	EACH	HANDHOLE
4	EACH	HEAVY-DUTY HANDHOLE
4	EACH	DOUBLE HANDHOLE
1073	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCEIVER-FIBER OPTIC
2816	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
4746	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
3788	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
2431	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
8347	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
220	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 48 FT.
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 50 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 54 FT.
16	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
60	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
6	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
12	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
21	EACH	INDUCTIVE LOOP DETECTOR
* 4	EACH	LIGHT DETECTOR
* 1	EACH	LIGHT DETECTOR AMPLIFIER
10	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
12	EACH	REMOVE EXISTING HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1233	FOOT	PREFORMED DETECTOR LOOP
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
1295	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
* 1280	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED

* 100% COST TO VILLAGE OF ADDISON

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

CONTROLLER SEQUENCE



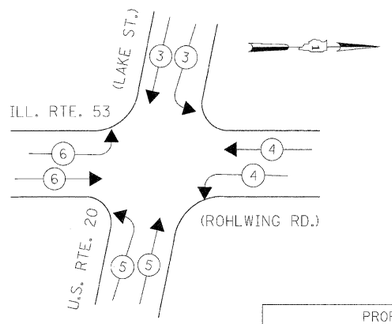
PHASE DESIGNATION DIAGRAM

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

LEGEND

- (*) DUAL ENTRY PHASE
- (*) SINGLE ENTRY PHASE
- O.L. OVERLAP
- (*) PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

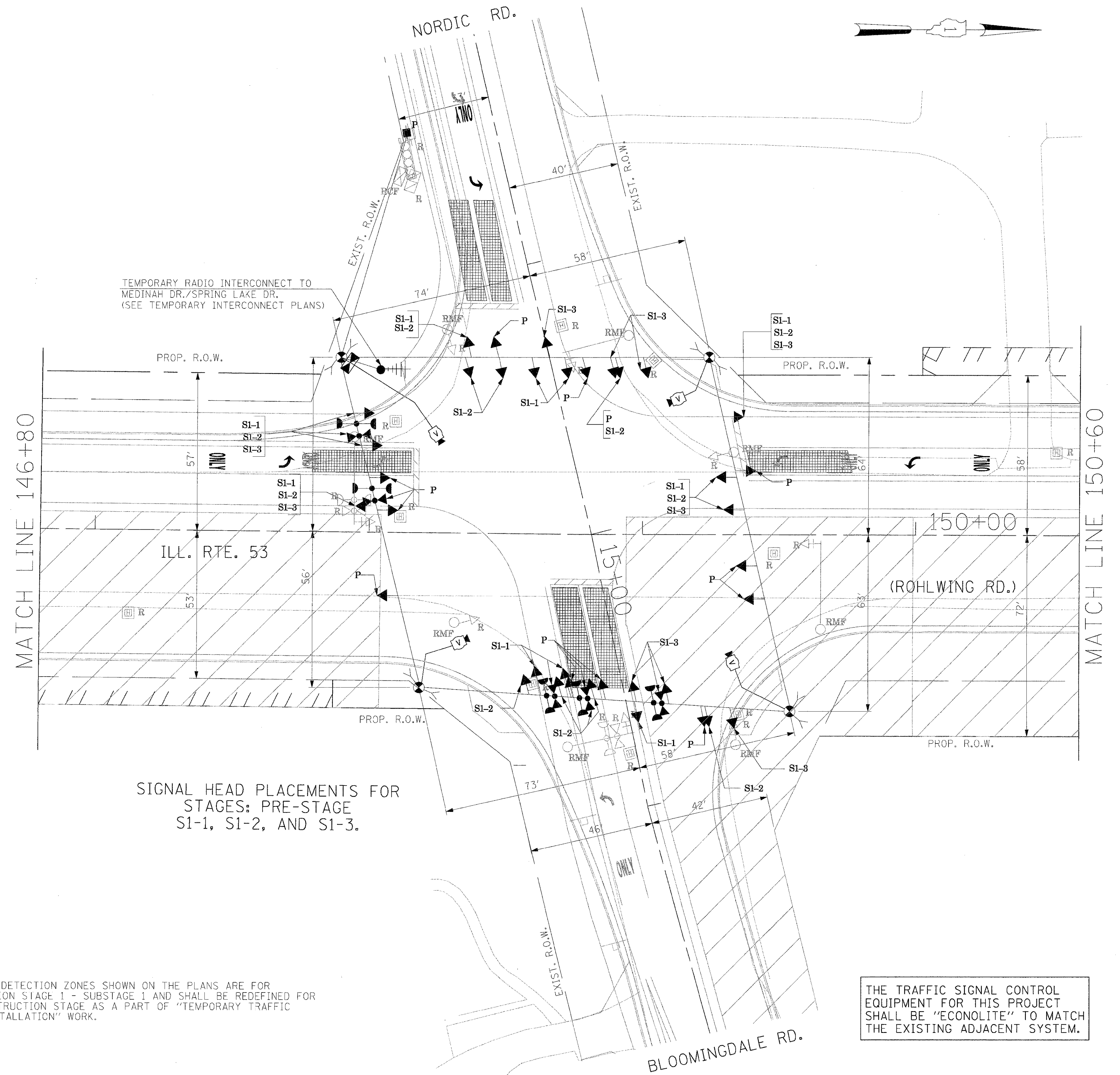
PHASE DESIGNATION DIAGRAM
EMERGENCY VEHICLE PREEMPTION SEQUENCE
SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 53 (ROHLWING RD.) AT U.S. 20 (LAKE ST.) SHEET 2 OF 2).

SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	465
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

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 DISTRICT 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 SIGNAL, 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 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.



SIGNAL HEAD PLACEMENTS FOR STAGES: PRE-STAGE S1-1, S1-2, AND S1-3.

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

1	EACH	CONTROLLER AND CABINET COMPLETE
4	EACH	SIGNAL HEAD, 1-FACE 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, 1-FACE 5-SECTION, MAST ARM MOUNTED
4	EACH	TRAFFIC SIGNAL BACKPLATE
4	EACH	TRAFFIC SIGNAL POST
4	EACH	STEEL MAST ARM ASSEMBLY AND POLE
1	EACH	SERVICE INSTALLATION

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & NORDIC RD. / BLOOMINGDALE RD.

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

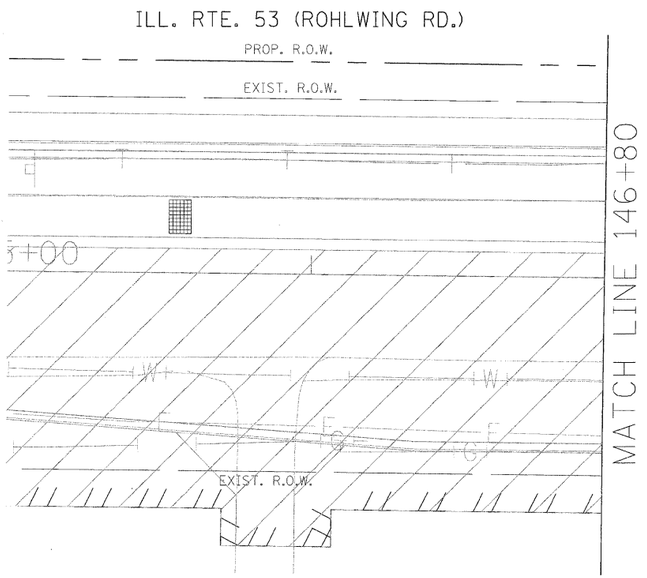
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

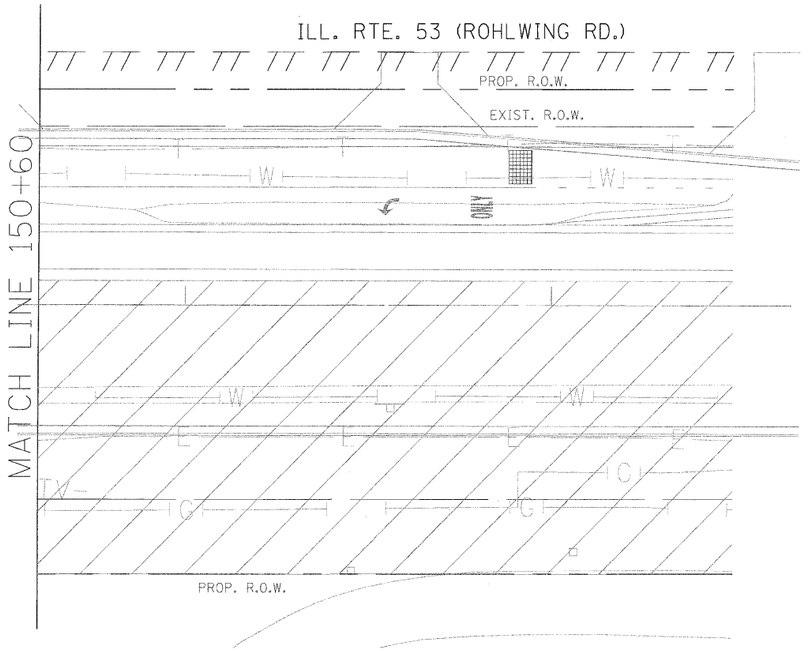
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT NORDIC RD./BLOOMINGDALE RD. PRE STAGE AND STAGE 1 (SHEET 1 OF 4).

SCALE:1"=20' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	466
		CONTRACT NO. 60477		

FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT





NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

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

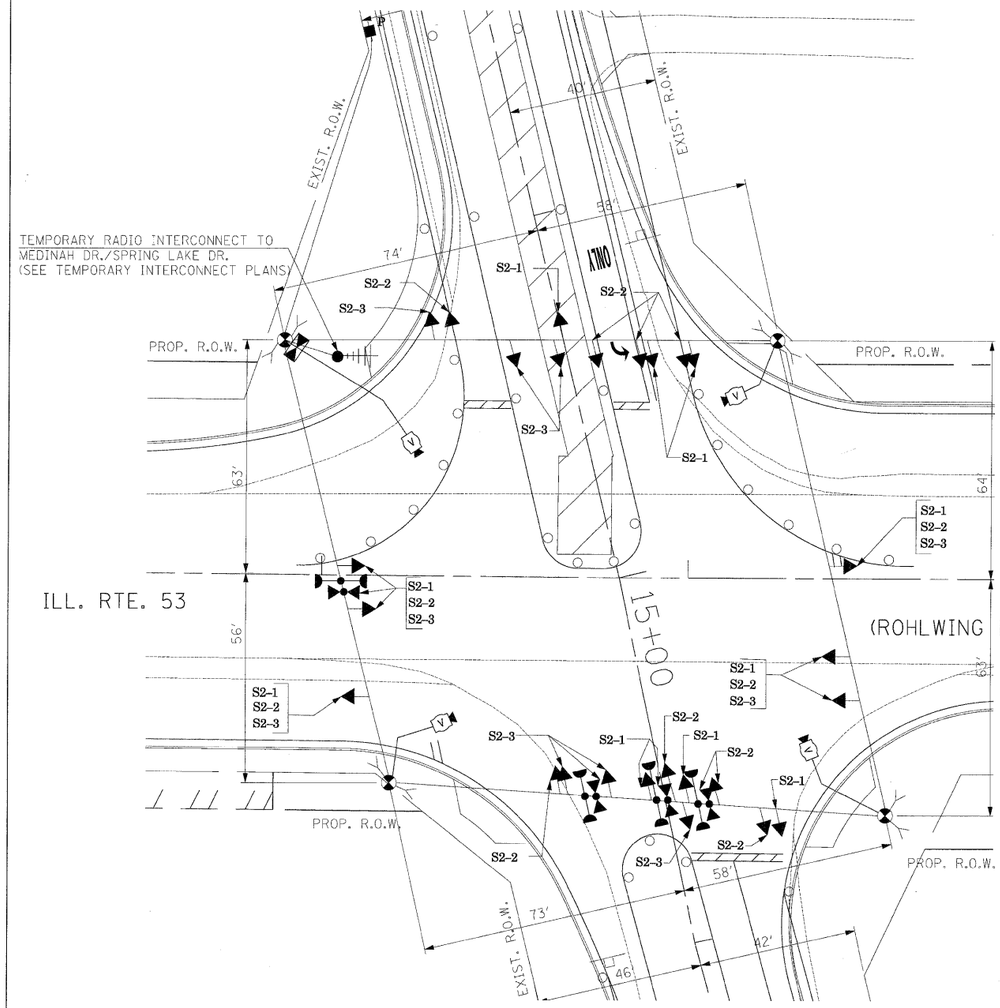
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT NORDIC RD./BLOOMINGDALE RD. PRE STAGE AND STAGE 1 (SHEET 2 OF 4)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA.

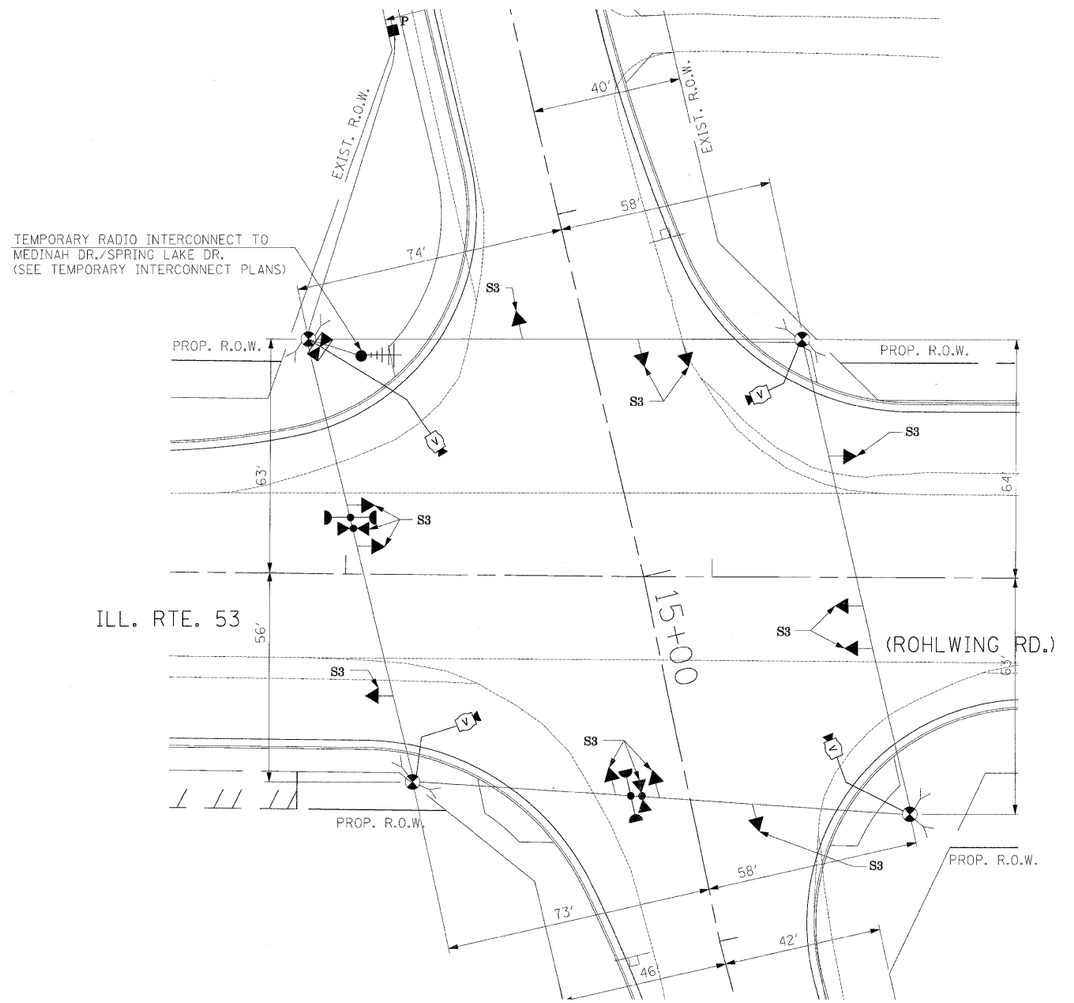
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	467
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



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

SIGNAL HEAD PLACEMENTS FOR STAGES: S2-1, S2-2, AND S2-3.

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.



SIGNAL HEAD PLACEMENTS FOR STAGE: S3

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

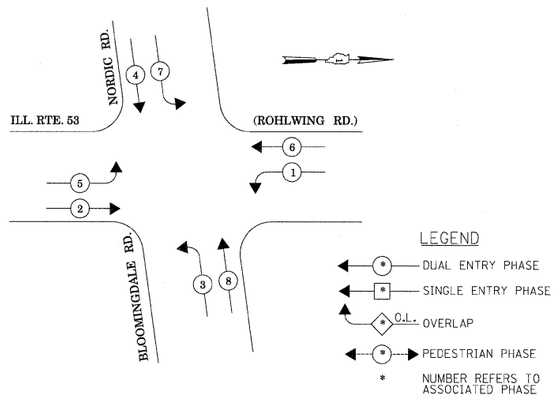
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT NORDIC RD./BLOOMINGDALE RD. STAGE 2 AND STAGE 3 (SHEET 3 OF 4)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	468
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

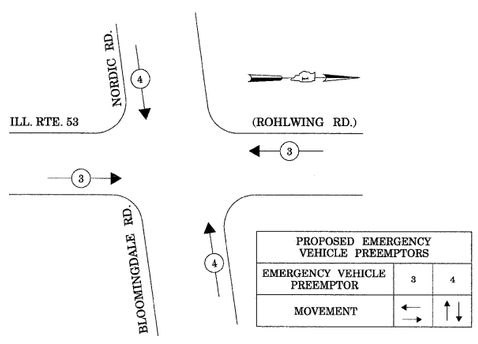
CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: PRE-STAGE, S1-1, S1-2, S1-3, S2-1, S2-2, S2-3, S3, AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

STAGES: PRE-STAGE, S1-1, S1-2, S1-3, S2-1, S2-2, S2-3, S3, AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

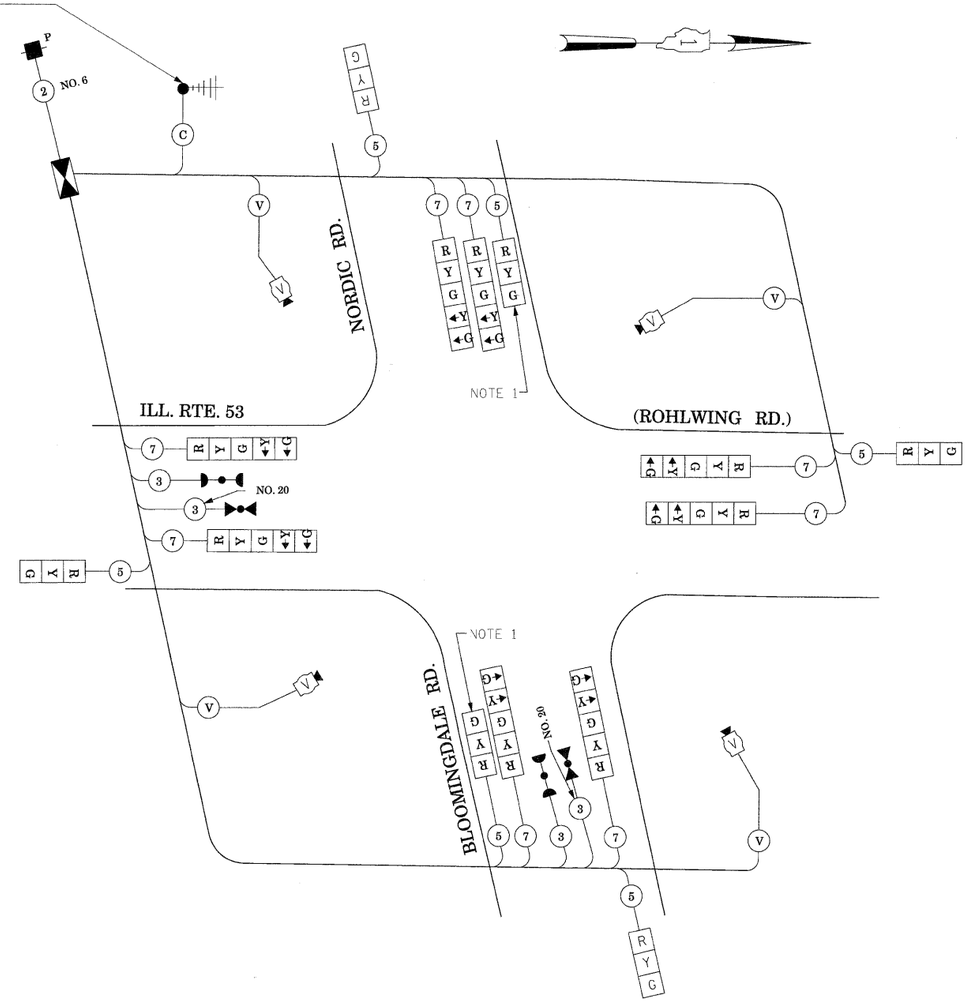
I.D.O.T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO LAMPS	X WATTAGE INCAND.	WATTAGE LED	X %OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	135	17	0.50	119
(YELLOW)	14	135	25	0.25	87.5
(GREEN)	14	135	15	0.25	52.5
ARROW	16	135	12	0.10	19.2
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	528.2

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

TEMPORARY RADIO INTERCONNECT TO MEDINAH DR./SPRING LAKE DR. (SEE TEMPORARY INTERCONNECT PLANS)



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES: PRE-STAGE, S1-1, S1-2, S1-3, S2-1, S2-2, S2-3, S3, AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

NOTE 1: THE 3-SECTION SIGNAL HEAD MOUNTED ON THE FAR-SIDE SPAN WIRE FOR EASTBOUND AND WESTBOUND DIRECTION OF TRAFFIC IS NEEDED DURING CONSTRUCTION STAGES S1-2 AND S2-2. IN ALL OTHER STAGES THIS 3-SECTION SIGNAL HEAD SHALL BE DISCONNECTED AND BAGGED.

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

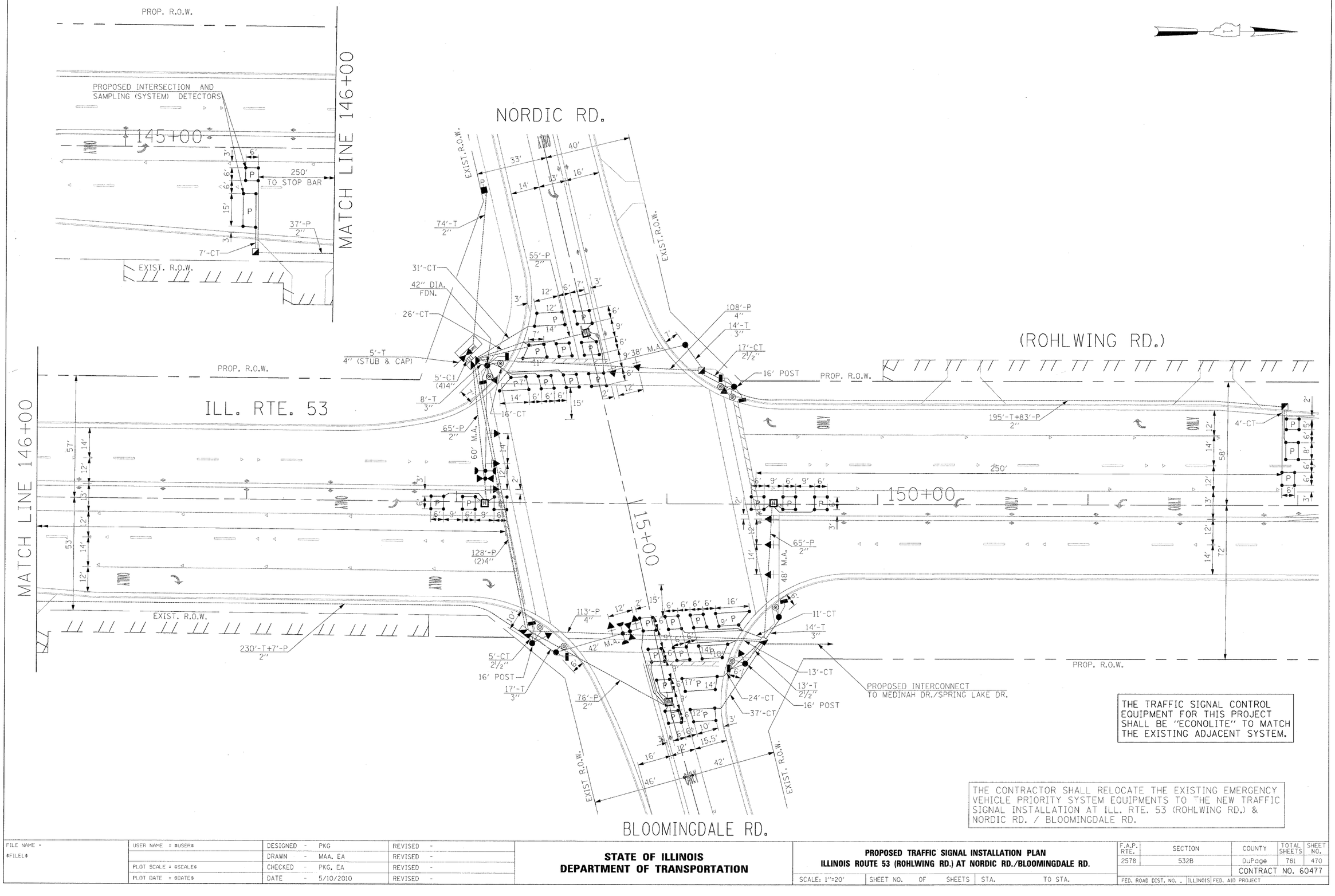
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILLINOIS ROUTE 53 (ROHLWING RD.) AT NORDIC RD./BLOOMINGDALE RD.
PRE-STAGE, STAGE 1, STAGE 2, AND STAGE 3 (SHEET 4 OF 4).

SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	469
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



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

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & NORDIC RD. / BLOOMINGDALE RD.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA. EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG. EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT NORDIC RD./BLOOMINGDALE RD.

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	470
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

	QUANTITY	UNIT	ITEM
	33	SQ FT	SIGN PANEL - TYPE 1
	35	SQ FT	SIGN PANEL - TYPE 2
	499	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
	35	FOOT	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL
	53	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
	25	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
	388	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
	477	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
	4	EACH	HANDHOLE
	4	EACH	HEAVY-DUTY HANDHOLE
	2	EACH	DOUBLE HANDHOLE
	621	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
	1	EACH	TRANSCEIVER-FIBER OPTIC
	1402	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
	1804	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
	1333	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
	1675	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
	2394	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
	93	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
	3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
	1	EACH	STEEL MAST ARM ASSEMBLEY AND POLE, 38 FT.
	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.
	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.
	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.
	12	FOOT	CONCRETE FOUNDATION, TYPE A
	4	FOOT	CONCRETE FOUNDATION, TYPE C
	45	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
	21	FOOT	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER
	6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
	4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
	4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
	4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
	2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
	10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
	9	EACH	INDUCTIVE LOOP DETECTOR
	8	EACH	PEDESTRIAN PUSH-BUTTON
	1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
*	2	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
*	1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
	11	EACH	REMOVE EXISTING HANDHOLE
	9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
	1224	FOOT	PREFORMED DETECTOR LOOP
	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
	1	EACH	UNINTERRUPTIBLE POWER SUPPLY
	659	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
*	346	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED

* 100% COST TO VILLAGE OF ITASCA

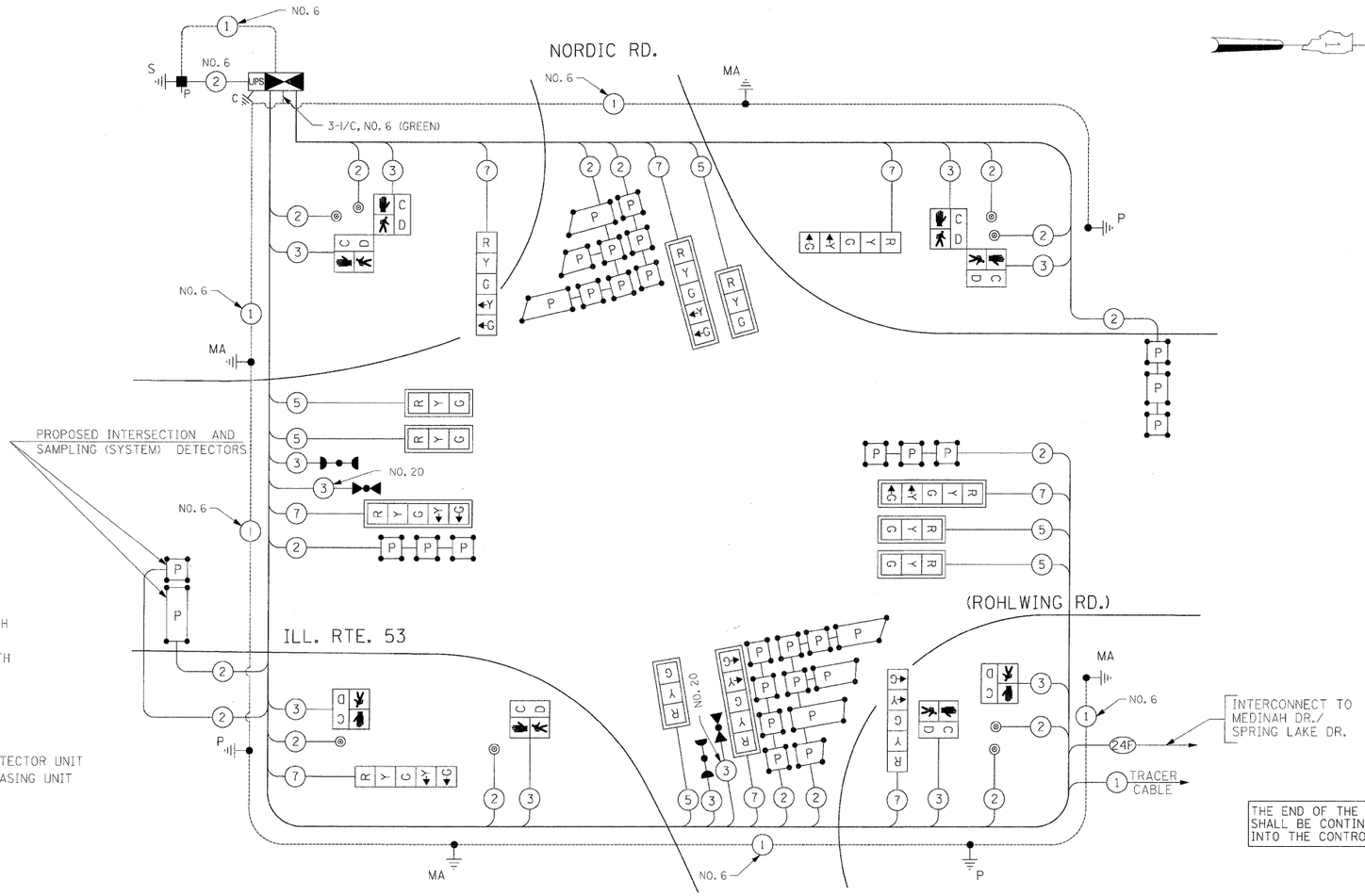
THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & NORDIC RD. / BLOOMINGDALE RD.

I.D.O.T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	135	17	0.50	119
(YELLOW)	14	135	25	0.25	87.5
(GREEN)	14	135	15	0.25	52.5
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	578.2

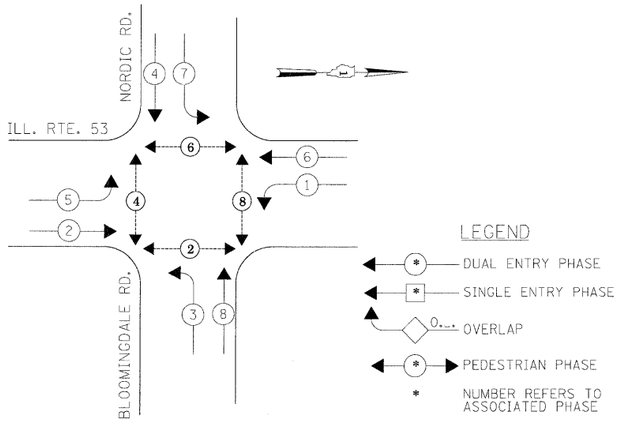
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON



CABLE PLAN
(NOT TO SCALE)

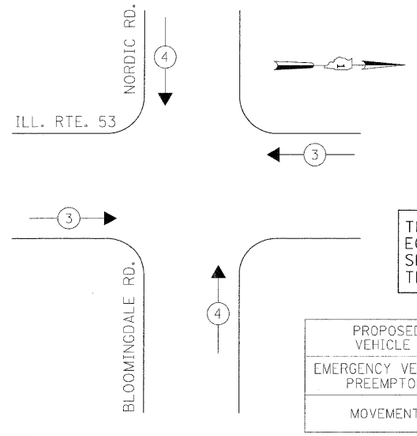
CONTROLLER SEQUENCE



LEGEND
- * DUAL ENTRY PHASE
- * SINGLE ENTRY PHASE
- OVERLAP
- * PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

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

FILE NAME = $FILE1$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM
EMERGENCY VEHICLE PREEMPTION SEQUENCE
SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 53 (ROHLWING RD.) AT NORDIC RD./BLOOMINGDALE RD.

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	471
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

NOTES FOR TEMPORARY TRAFFIC SIGNALS

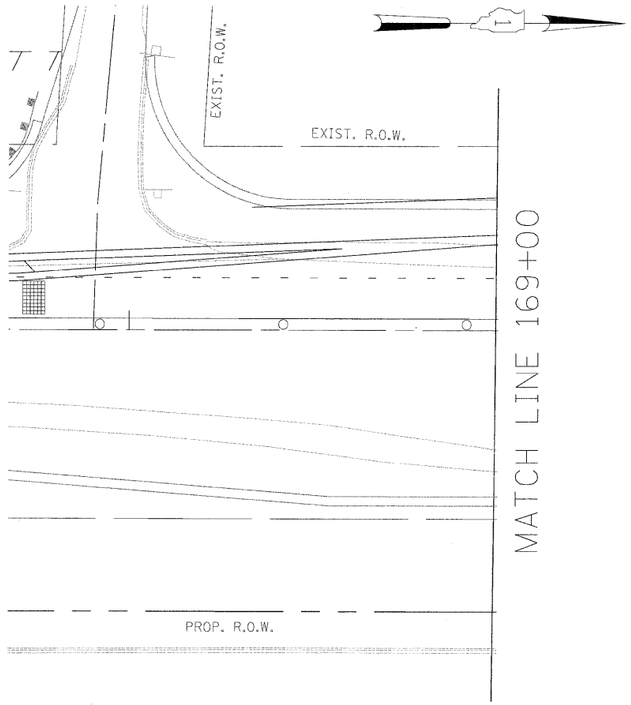
1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. 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 SIGNAL, 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 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.

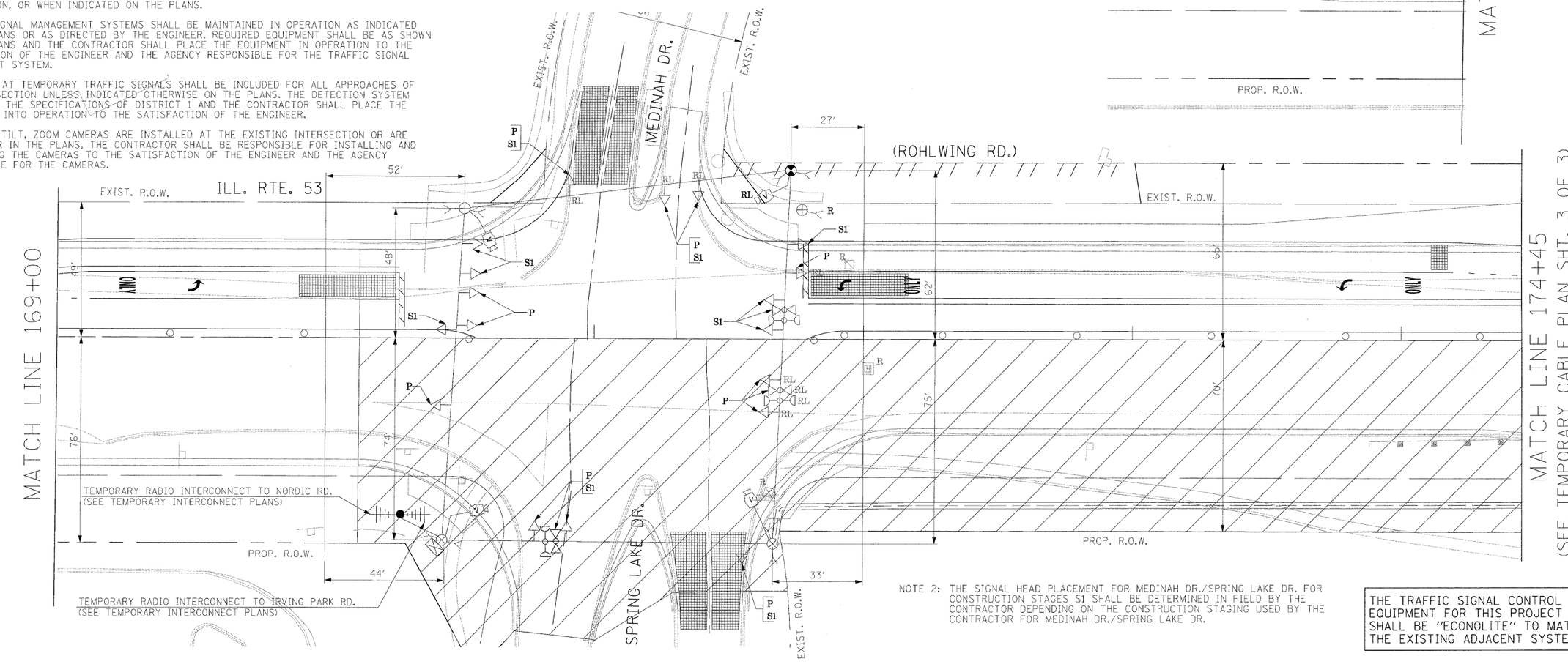
THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & MEDINAH DR./SPRING LAKE DR.

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

1	EACH	WOOD POLE
245	FOOT	SPAN WIRE
245	FOOT	TETHER WIRE
1	LSUM	AERIAL ELECTRIC CABLES

NOTE 1: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - YEAR 2 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.





NOTE 2: THE SIGNAL HEAD PLACEMENT FOR MEDINAH DR./SPRING LAKE DR. FOR CONSTRUCTION STAGES S1 SHALL BE DETERMINED IN FIELD BY THE CONTRACTOR DEPENDING ON THE CONSTRUCTION STAGING USED BY THE CONTRACTOR FOR MEDINAH DR./SPRING LAKE DR.

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

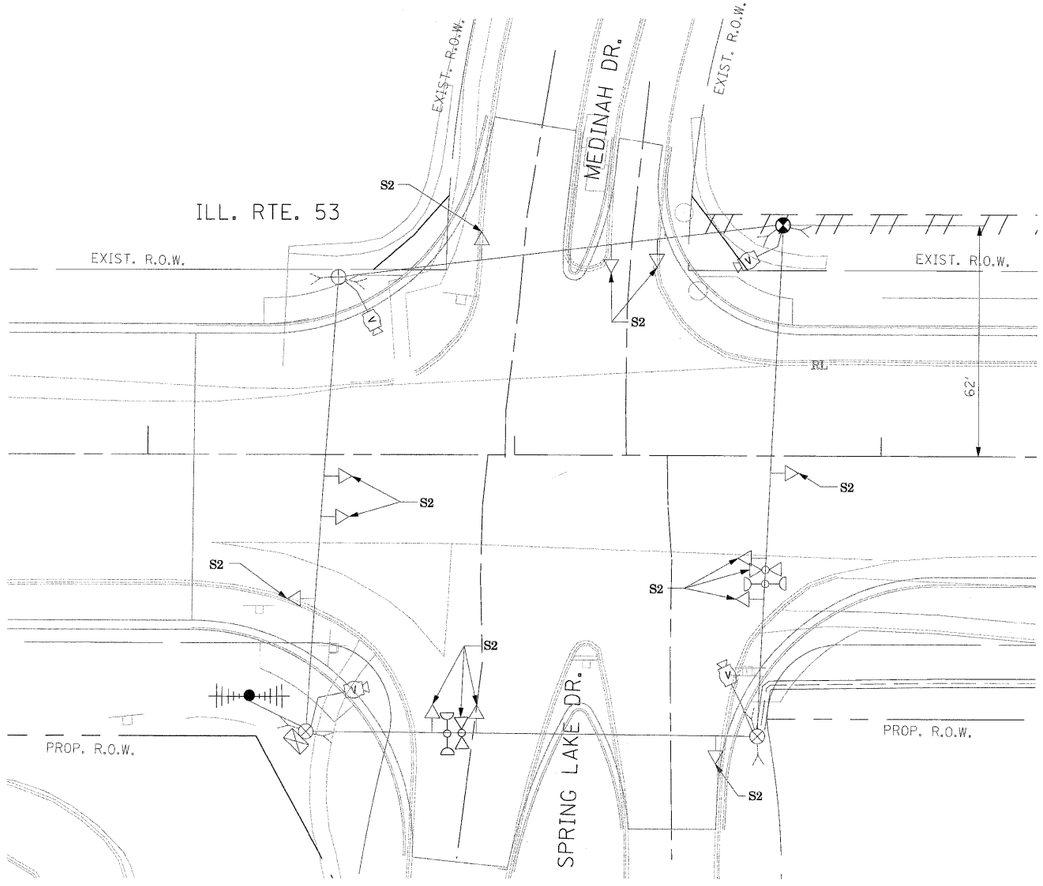
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA. EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG. EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

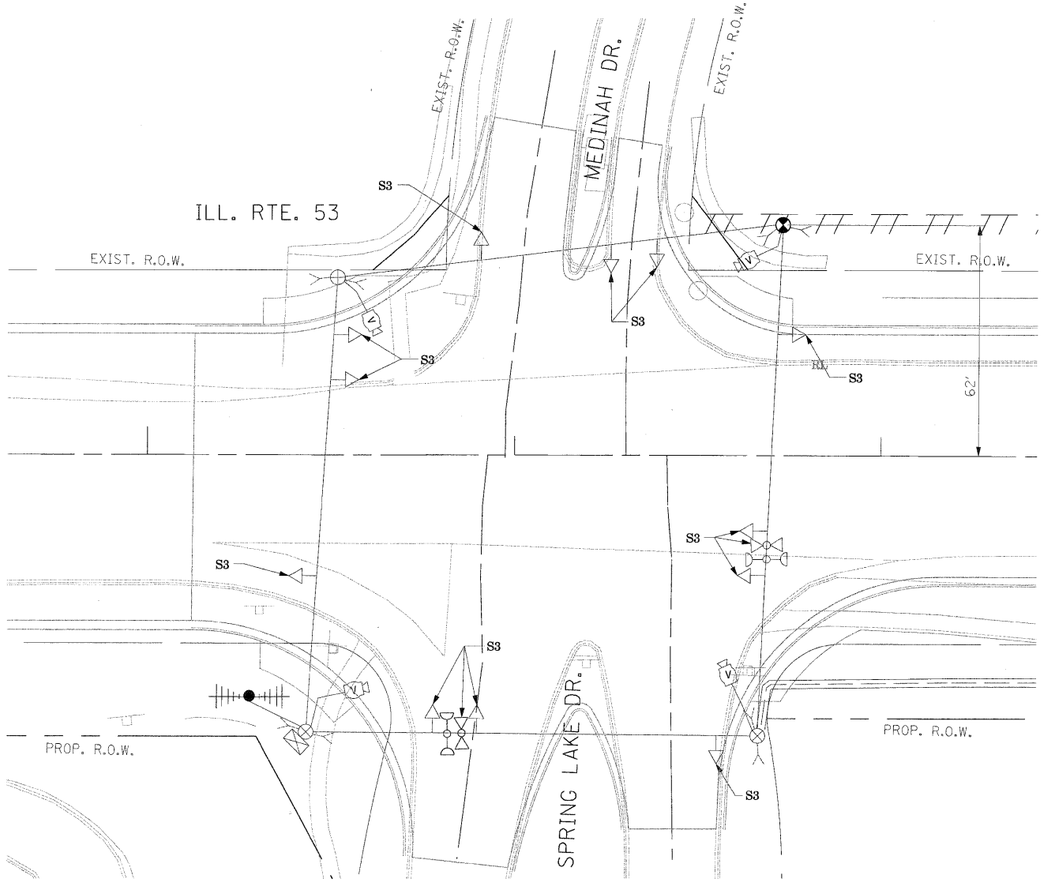
EXISTING TEMPORARY TRAFFIC SIGNAL, MODIFICATION PLAN, AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT MEDINAH DR./SPRING LAKE DR.
PRE-STAGE AND STAGE 1 (SHEET 1 OF 3)

1"=$SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	472
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



SIGNAL HEAD PLACEMENTS FOR
STAGE: S2



SIGNAL HEAD PLACEMENTS FOR
STAGE: S3

NOTE 1: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - YEAR 2 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

NOTE 2: THE SIGNAL HEAD PLACEMENT FOR MEDINAH/SPRING LAKE DRIVE FOR CONSTRUCTION STAGES S2 AND S3 SHALL BE DETERMINED IN FIELD BY THE CONTRACTOR DEPENDING ON THE CONSTRUCTION STAGING USED BY THE CONTRACTOR FOR MEDINAH/SPRING LAKE DRIVE.

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

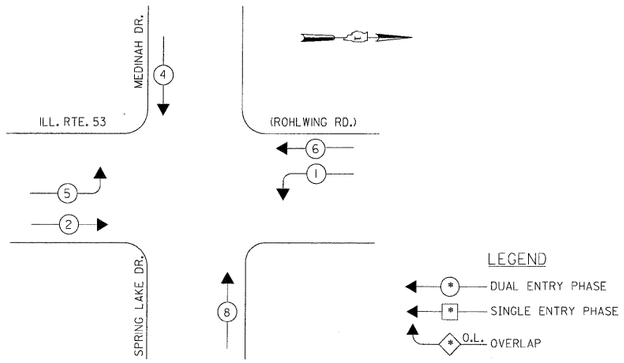
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TEMPORARY TRAFFIC SIGNAL, MODIFICATION PLAN, AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT MEDINAH DR./SPRING LAKE DR.
STAGE 2 AND STAGE 3 (SHEET 2 OF 3)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	473
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

CONTROLLER SEQUENCE



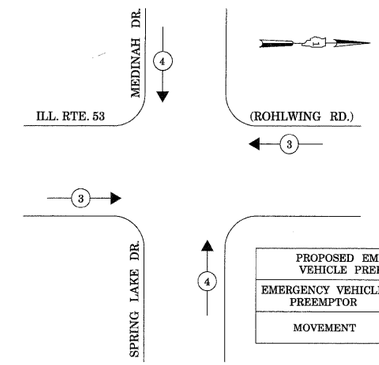
LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- O.L. OVERLAP
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM

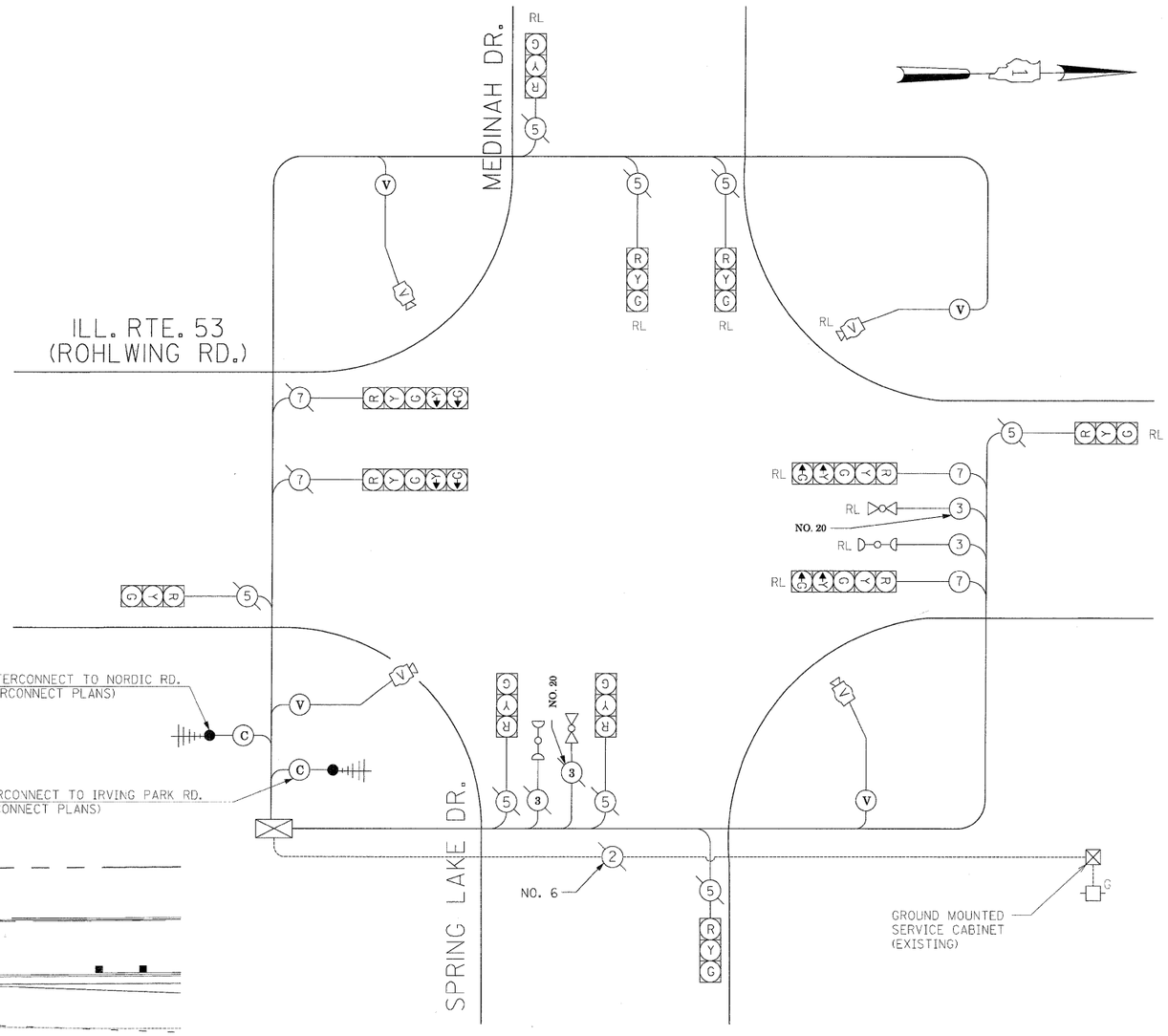
STAGES: PRE-STAGE, S1, S2, AND S3

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

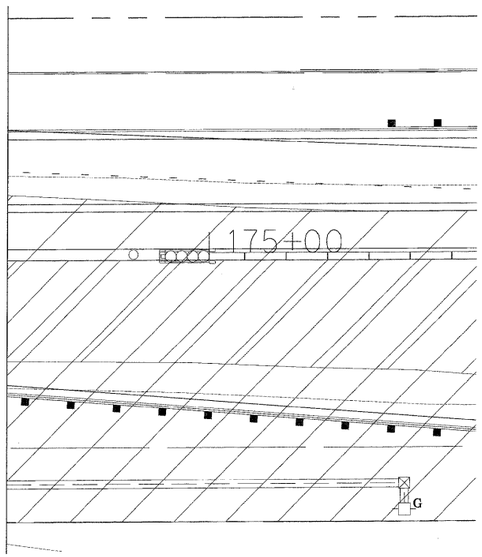
STAGES: PRE-STAGE, S1, S2, AND S3



TEMPORARY CABLE PLAN

(NOT TO SCALE)

MATCH LINE 174+45
(SEE TEMPORARY INTERSECTION PLAN SHT. 1 OF 3)



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
ARROW	8	135	12	0.10	9.6
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	481.6

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

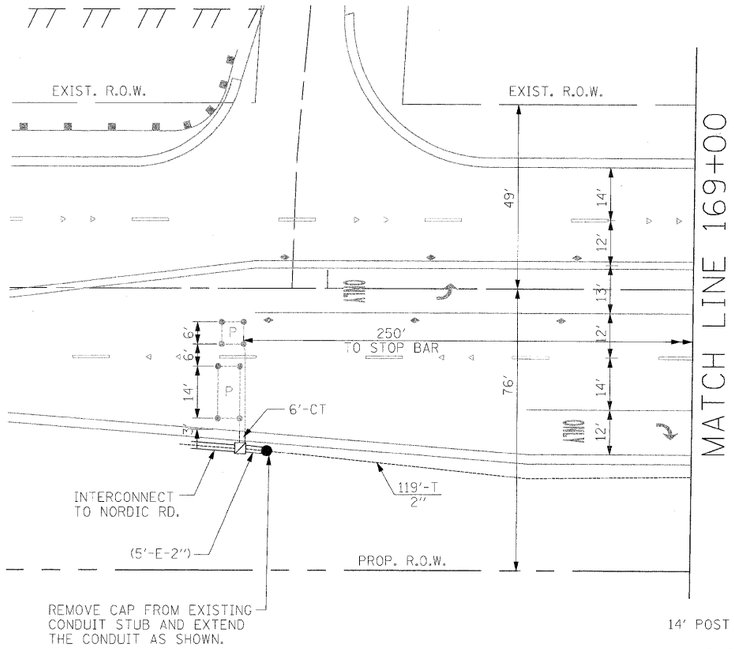
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

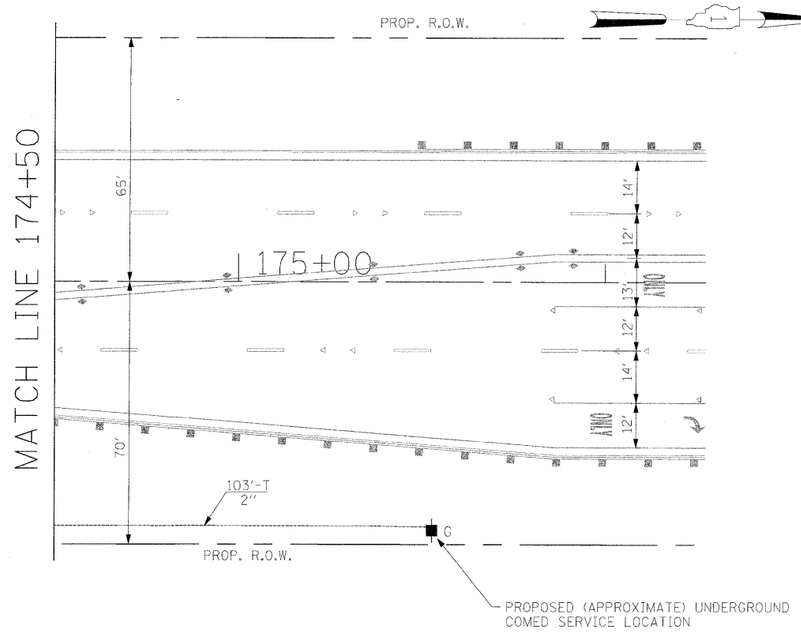
TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILLINOIS ROUTE 53 (ROHLWING RD.) AT MEDINAH DR. (SPRING LAKE DR.)
PRE STAGE, STAGE 1, STAGE 2, AND STAGE 3 (SHEET 3 OF 3)

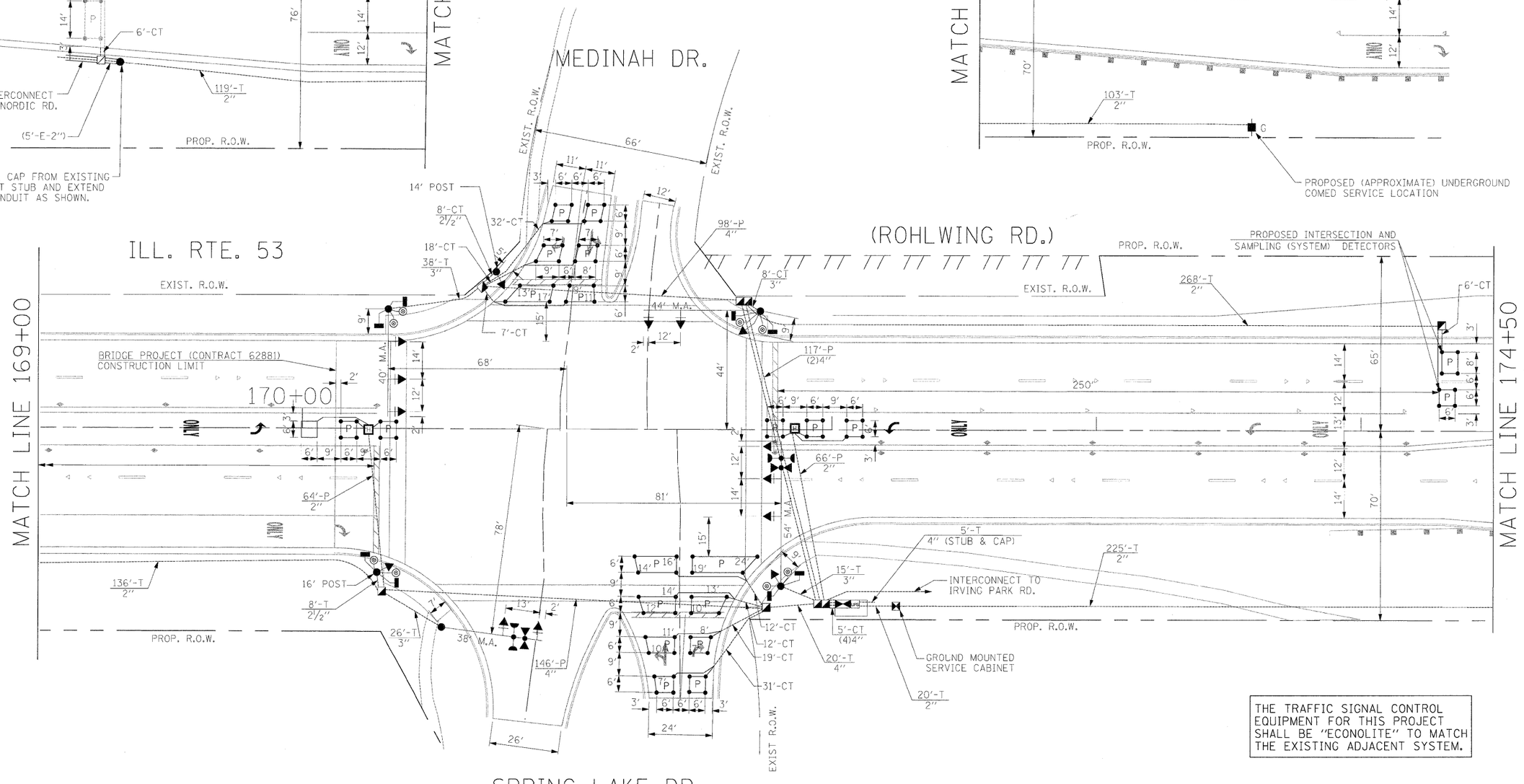
SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	474
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & MEDINAH DR./SPRING LAKE DR.







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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT MEDINAH DR./SPRING LAKE DR.

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

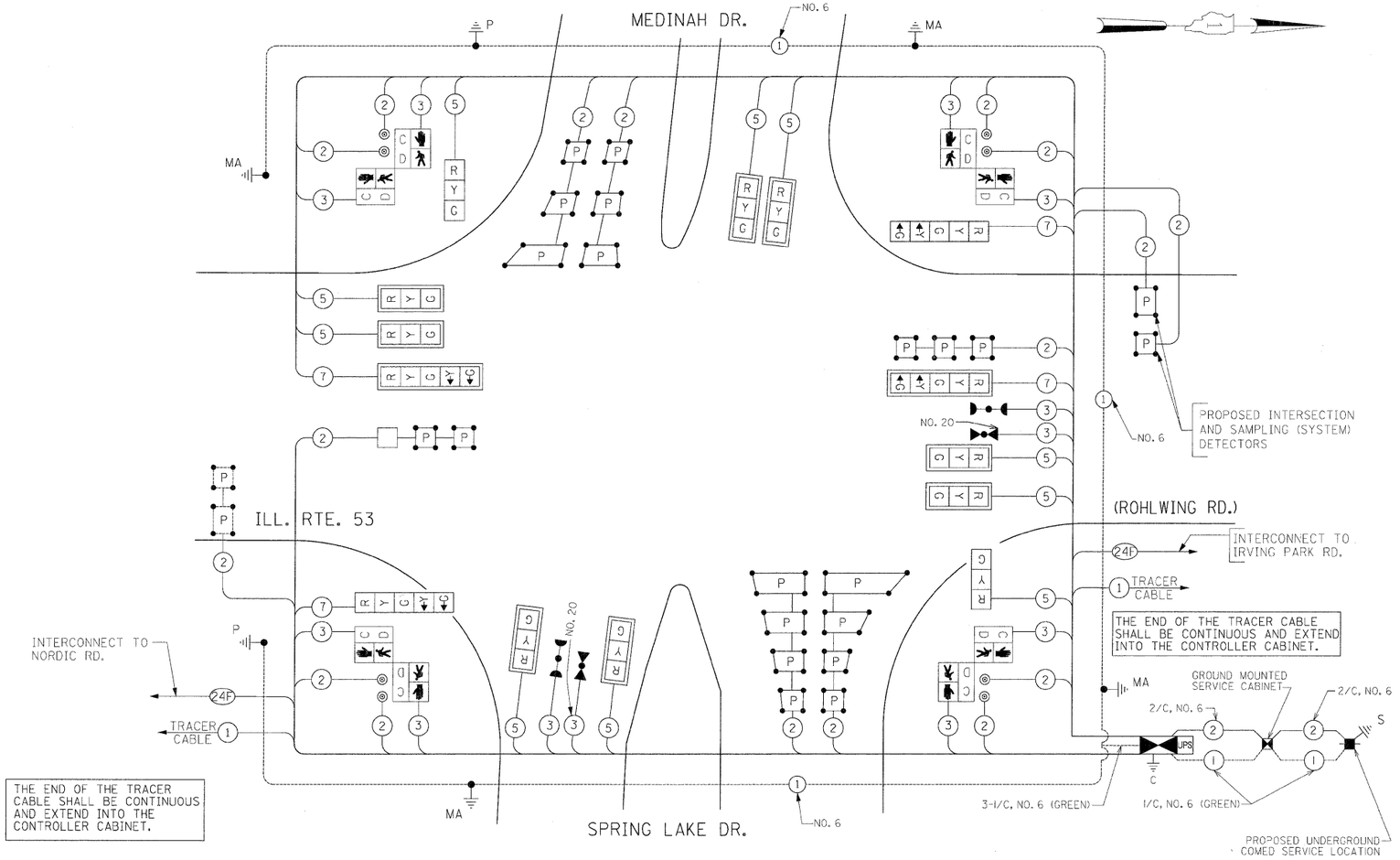
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	78	475
		CONTRACT NO. 60477		

FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
36	SQ FT	SIGN PANEL - TYPE 1
30	SQ FT	SIGN PANEL - TYPE 2
871	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
16	FOOT	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL
87	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
45	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
130	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
478	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
4	EACH	HANDHOLE
2	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
988	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCEIVER-FIBER OPTIC
1493	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1948	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
2215	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
879	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
2296	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
398	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.
8	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
60	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
8	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5 SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
9	EACH	INDUCTIVE LOOP DETECTOR
44	FOOT	DETECTOR LOOP, TYPE 1
8	EACH	PEDESTRIAN PUSH-BUTTON
* 2	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
* 1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
3	EACH	REMOVE EXISTING HANDHOLE
1	EACH	REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION
1101	FOOT	PREFORMED DETECTOR LOOP
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	SERVICE INSTALLATION - GROUND MOUNTED
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
1007	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
* 399	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
1	EACH	MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION

* 100% COST TO VILLAGE OF ITASCA

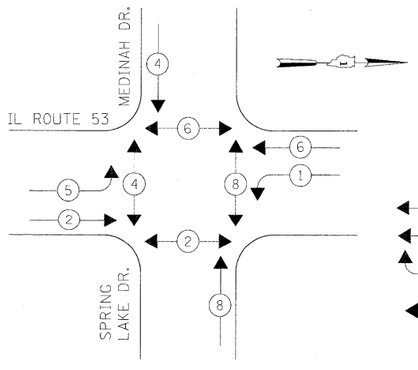


CABLE PLAN

(NOT TO SCALE)

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & MEDINAH DR./SPRING LAKE DR.

CONTROLLER SEQUENCE

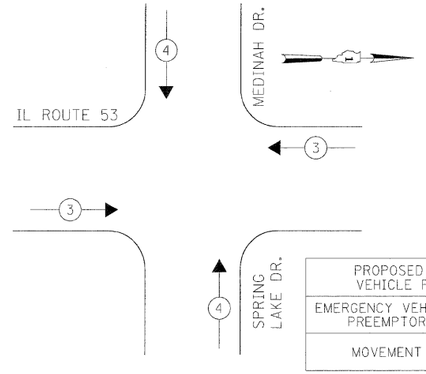


LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- O.L. OVERLAP
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

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

TYPE	NO LAMPS	X WATTAGE INCAND.	WATTAGE LED	X %OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	135	17	0.50	119.0
(YELLOW)	14	135	25	0.25	87.5
(GREEN)	14	135	15	0.25	52.5
ARROW	8	135	12	0.10	9.6
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	568.6

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, SCHEDULE OF QUNTITIES
ILLINOIS ROUTE 53 (ROHLWING RD.) AT MEDINAH DR./SPRING LAKE DR.

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	476
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

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 DISTRICT 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 SIGNAL, 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.

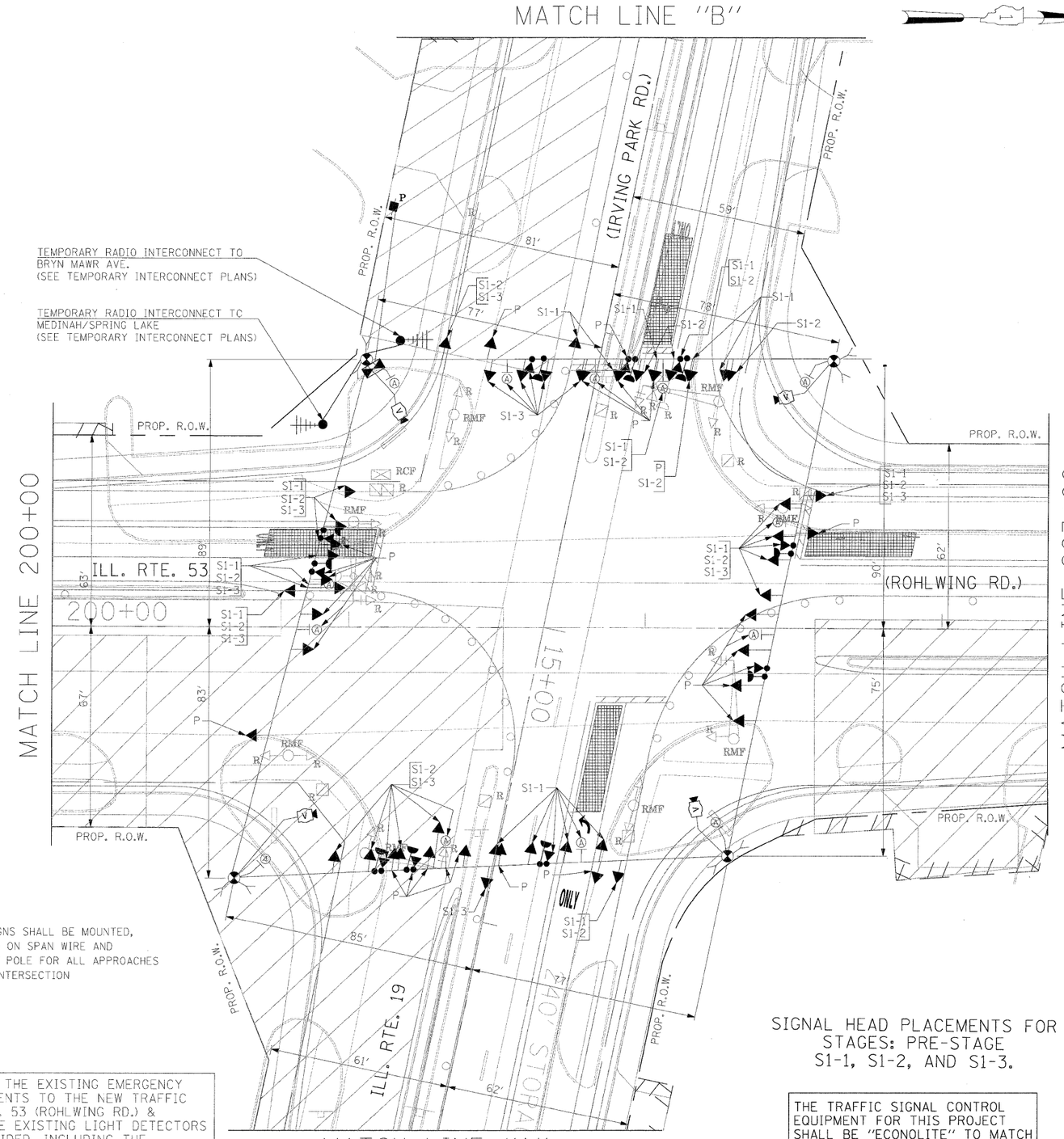
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.

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 RIGH-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACOR'S BID PRICE.

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

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.



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LEFT ON GREEN ARROW ONLY

R10-5, 24" X 30" (8 REQUIRED)

R10-5 SIGNS SHALL BE MOUNTED, ONE EACH ON SPAN WIRE AND FAR LEFT POLE FOR ALL APPROACHES OF THE INTERSECTION

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & ILL. RTE. 19 (IRVING PARK RD.) THE EXISTING LIGHT DETECTORS ARE SEPARATED AND SHALL BE DIVIDED, INCLUDING THE CONFIRMATION BEACONS, FOR MOUNTING AS PROPOSED IN THE PLANS FOR NEW SIGNAL PHASING.

SIGNAL HEAD PLACEMENTS FOR STAGES: PRE-STAGE S1-1, S1-2, AND S1-3.

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

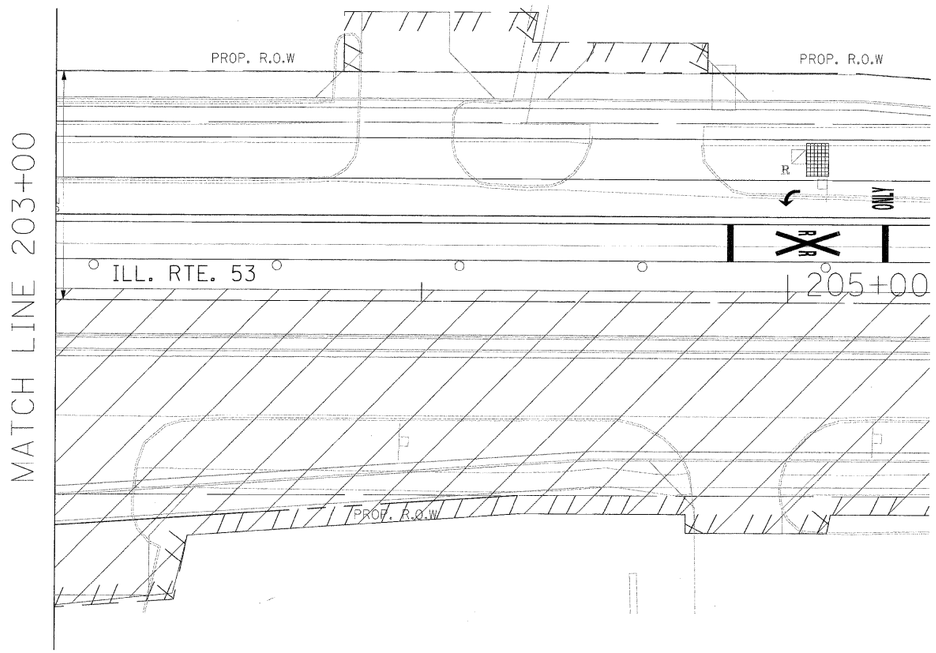
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

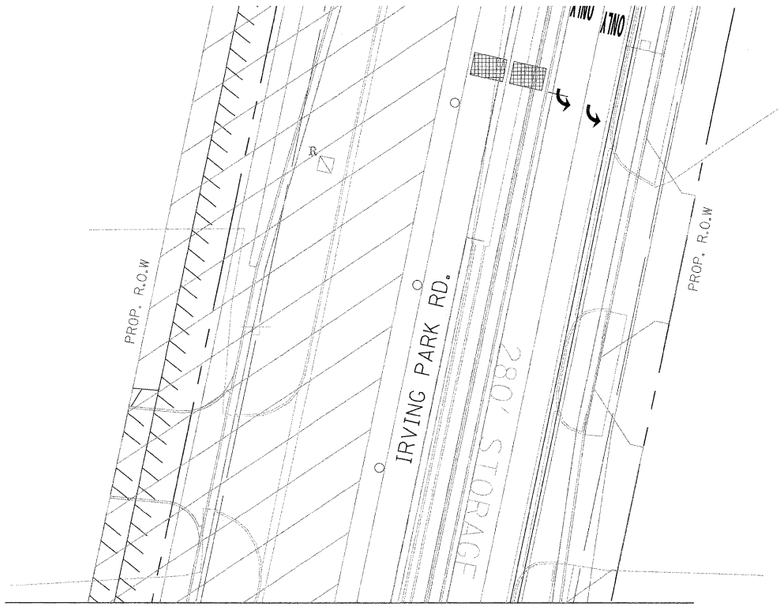
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ILL. RTE 19 (IRVING PARK RD.)
PRE STAGE AND STAGE 1 (SHEET 1 OF 5)

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

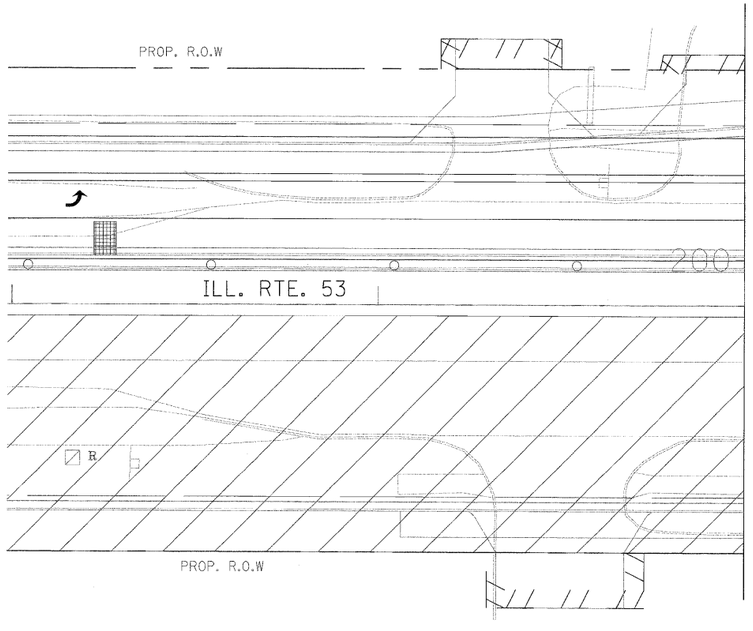
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	78	477
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



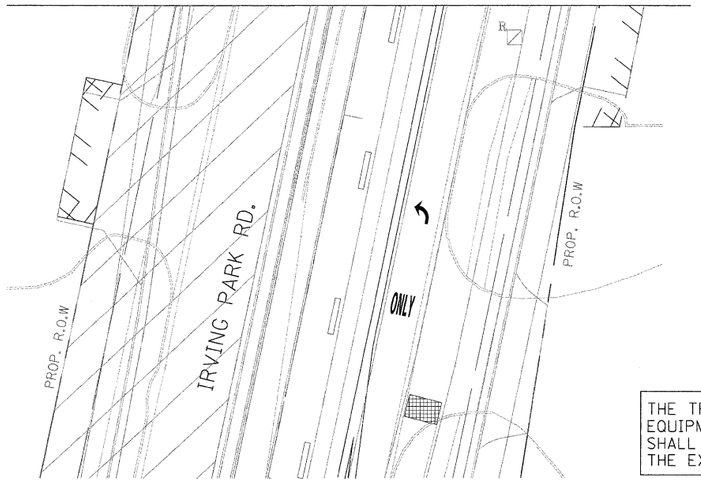


MATCH LINE "B"

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR PRE-CONSTRUCTION STAGE (EXISTING GEOMETRICS) AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.



MATCH LINE "A"



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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

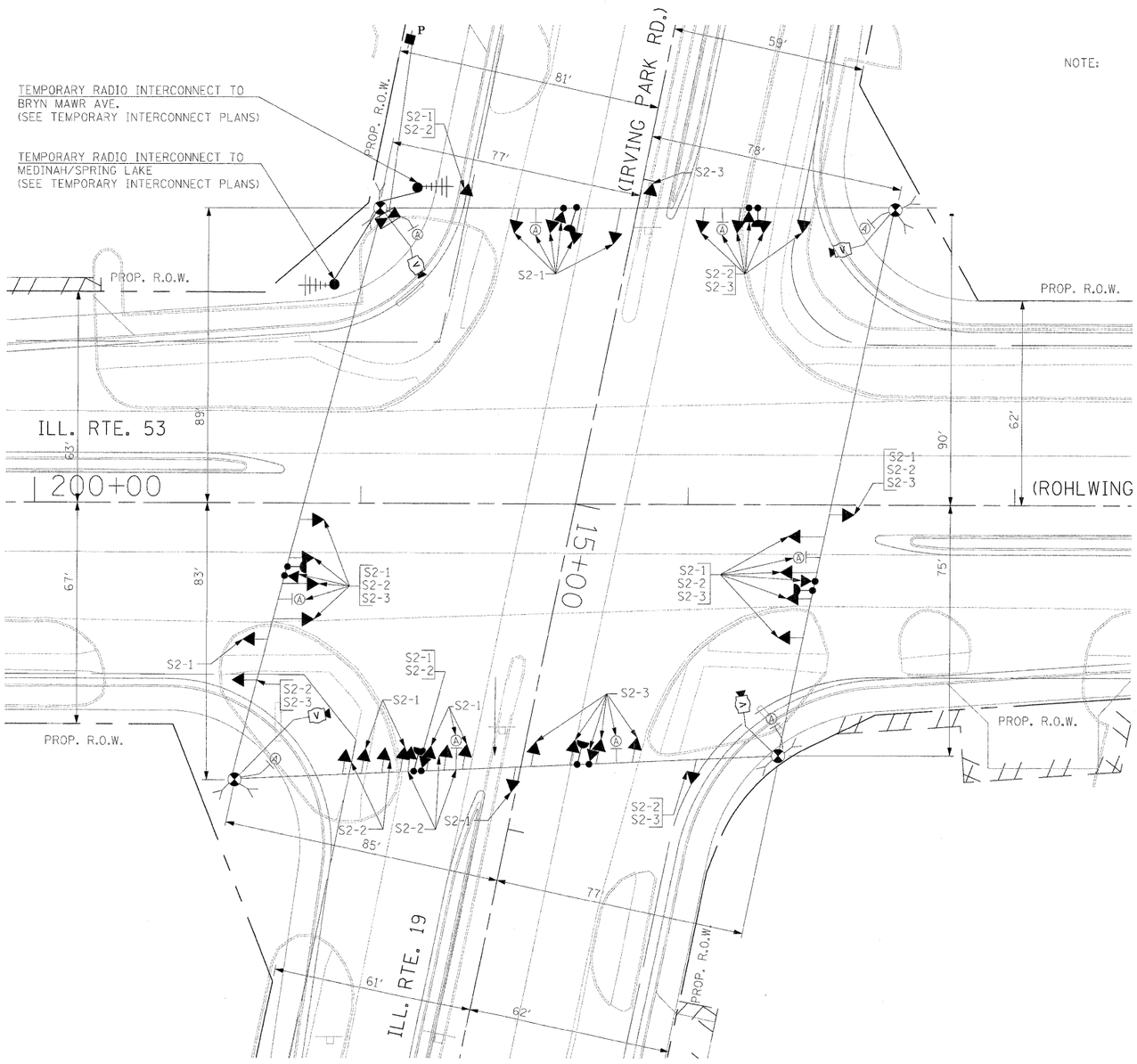
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ILL. RTE. 19 (IRVING PARK RD.)
PRE STAGE AND STAGE 1 (SHEET 2 OF 5)

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	478
		CONTRACT NO. 60477		

FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT



SIGNAL HEAD PLACEMENTS FOR
STAGES: S2-1, S2-2, AND S2-3.

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

Ⓐ

LEFT ON GREEN ARROW ONLY

R10-5,
24" X 30"
(8 REQUIRED)

R10-5 SIGNS SHALL BE MOUNTED, ONE EACH ON SPAN WIRE AND FAR LEFT POLE FOR ALL APPROACHES OF THE INTERSECTION

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

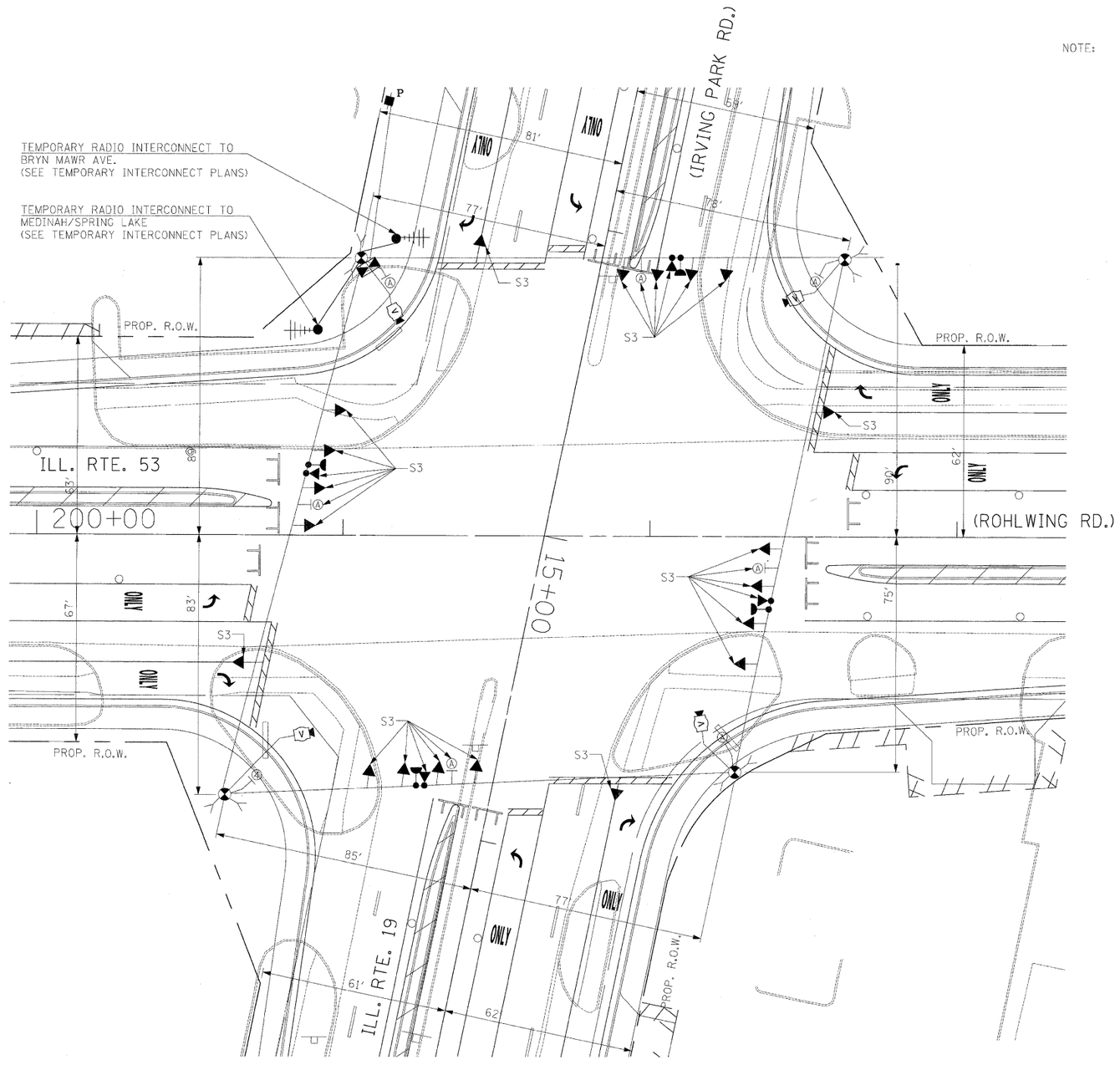
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ILL. RTE. 19 (IRVING PARK RD.)
STAGE 2 (SHEET 3 OF 5)

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	479
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.



SIGNAL HEAD PLACEMENTS FOR STAGE S3

Ⓐ

LEFT ON GREEN ARROW ONLY

R10-5, 24" X 30" (8 REQUIRED)

R10-5 SIGNS SHALL BE MOUNTED, ONE EACH ON SPAN WIRE AND FAR LEFT POLE FOR ALL APPROACHES OF THE INTERSECTION

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

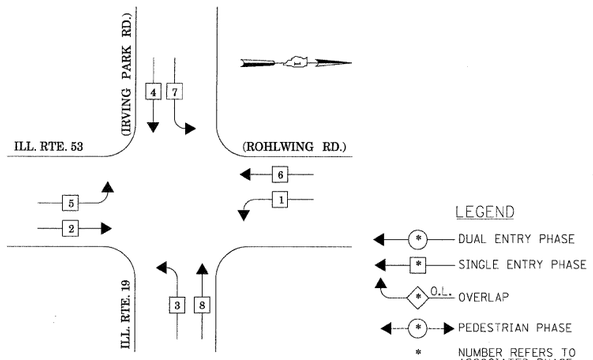
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ILL. RTE. 19 (IRVING PARK RD)
STAGE 3 (SHEET 4 OF 5)

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	480
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

CONTROLLER SEQUENCE



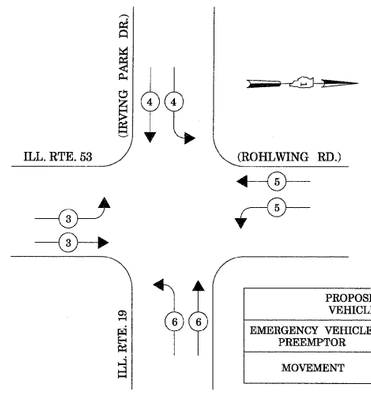
LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- O.L. OVERLAP
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: PRE-STAGE, S1-1, S1-3, S2-1, S2-3, S3, AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

EMERGENCY VEHICLE PREEMPTION SEQUENCE



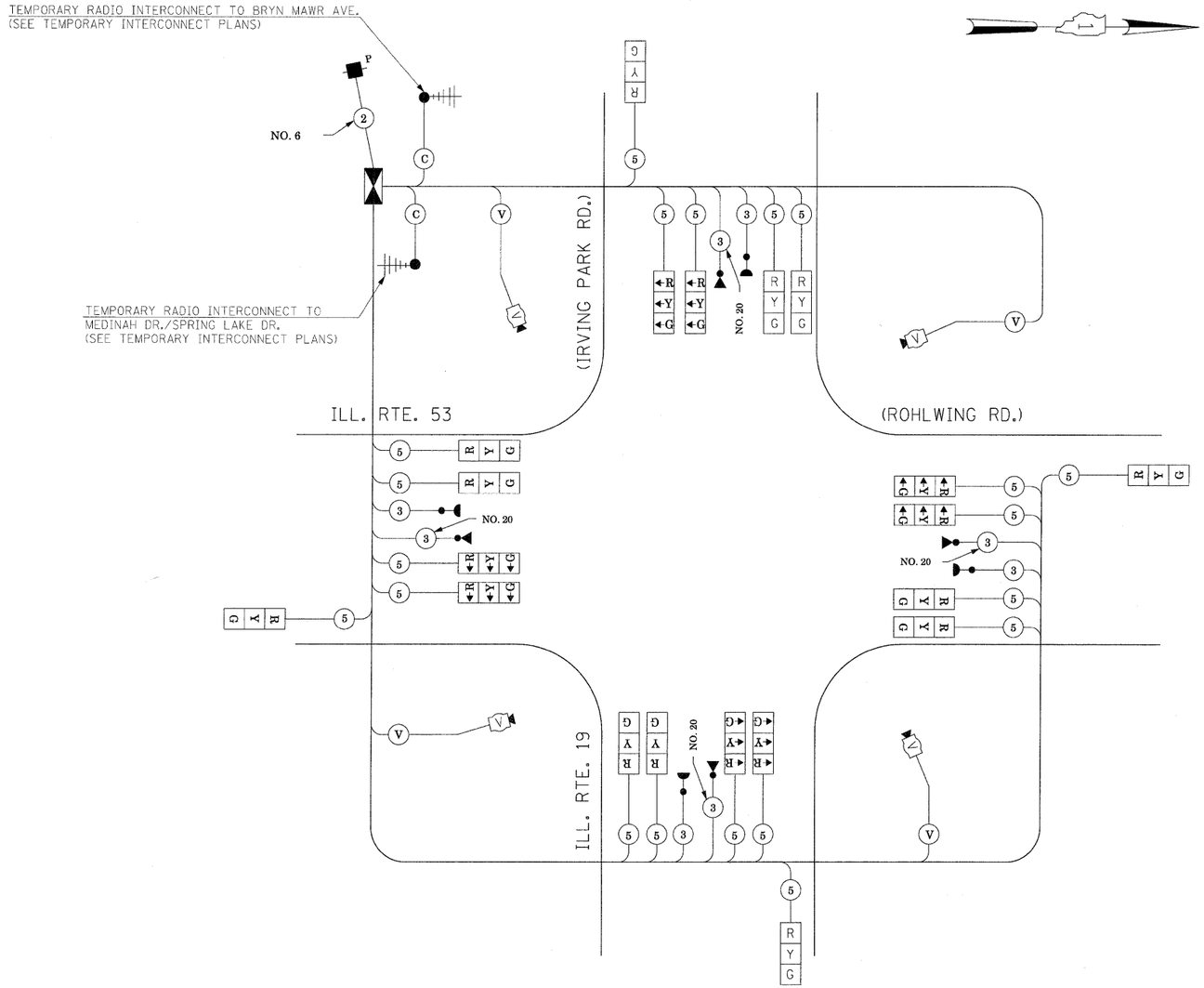
PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

STAGES: PRE-STAGE, S1-1, S1-3, S2-1, S2-3, S3, AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS X	WATTAGE INCAND.	WATTAGE LED	X %OPERATION	
SIGNAL (RED)	20	135	17	0.50	170
(YELLOW)	20	135	25	0.25	125
(GREEN)	20	135	15	0.25	75
ARROW		135	12	0.10	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	620

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES: PRE-STAGE, S1-1, S1-2, S1-3, S2-1, S2-2, S2-3, S3, AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ILL. RTE. 19 (IRVING PARK RD.) PRE-STAGE, STAGE 1, STAGE 2, STAGE 3 AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT (SHEET 5 OF 5)

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	481
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

TEMPORARY SEQUENCE OF OPERATION (FOR STAGE 1, SUB STAGE 2 AND STAGE 2, SUB STAGE 2 WITH LEAD–LAG OPERATION FOR ILL. RTE. 19 AND ILL. RTE. 53)

MOVEMENT		2 5			2 6							1 6					3 8					4 8							4 7					FLASH
PHASE		2+5			2+6							1+6					3+8					4+8							4+7					
INTERVAL		1	2A	2B	3A	3B	4	5A	5B	6A	6B	7A	7B	8	9A	9B	10A	10B	11	12A	12B	13A	13B	14	15A	15B	16A	16B	17A	17B	18	19A	19B	20A	20B	
CHANGE TO			1+6 3+8 4+7 4+8		2+6			1+6		2+5		3+8 4+7 4+8			2+5 3+8 4+7 4+8		2+6			1+6 2+5 2+6 4+7		4+8			4+7		3+8		1+6 2+5 2+6			1+6 2+5 2+6 3+8		4+8		
ILLINOIS ROUTE 19 (IRVING PARK ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	E/B	G	Y	R	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 19 (IRVING PARK ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	E/B	◂G	◂Y	◂R	◂Y	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R
ILLINOIS ROUTE 19 (IRVING PARK ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	W/B	R	R	R	R	R	G	G	G	Y	R	Y	R	G	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 19 (IRVING PARK ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	W/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂G	◂Y	◂R	◂Y	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂G	◂Y	◂R	◂Y	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	Y	R	G	Y	R	G	G	R
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂G	◂Y	◂R	◂Y	◂R	◂R

PHASE 2 + 6 SHALL BE PLACED ON RECALL.

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SEQUENCE OF OPERATION
ILL. RTE. 53 (ROHLWING RD.) AT ILL. RTE. 19 (IRVING PARK RD.)
STAGE 1 – SUB STAGE 2 AND STAGE 2 – SUB STAGE 2

SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	482
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION (FOR STAGE 1, SUB STAGE 2 AND STAGE 2, SUB STAGE 2 WITH LEAD-LAG OPERATION FOR ILL. RTE. 19 AND ILL. RTE. 53)

																									PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 5	PREEMPTOR NUMBER 6	
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1	1		4		4		4		8		8	11		11	14		14		14		18		18					CLEAR TO NORMAL SEQUENCE
EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z	2	3	4	5	
CHANGE TO EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		2	1C	3,4,5	1E	2	1G	3,5	1J	4	1L	2,3,5	4	1P	2,3,4	5	1S	2,4	1U	3	1W	5	1Y	2,4,5	3					
ILLINOIS ROUTE 19 (IRVING PARK ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	E/B	G	Y	R	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	R	R	◊
ILLINOIS ROUTE 19 (IRVING PARK ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	E/B	◂G	◂Y	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂G	◂R	◂R	◂R	◊
ILLINOIS ROUTE 19 (IRVING PARK ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL	W/B	R	R	R	Y	R	Y	R	G	G	Y	R	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◊
ILLINOIS ROUTE 19 (IRVING PARK ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	W/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂Y	◂R	◂G	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂C	◂R	◊
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	Y	R	Y	R	G	G	R	R	R	R	R	R	G	◊
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂Y	◂R	◂C	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂G	◊
ILLINOIS ROUTE 53 (ROHLWING ROAD) NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	G	Y	R	Y	R	G	R	G	R	R	◊
ILLINOIS ROUTE 53 (ROHLWING ROAD) TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂R	◂Y	◂R	◂G	◂R	◂G	◂R	◂R	◊

◊ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2, 3, 4, OR 5 IS TERMINATED.

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

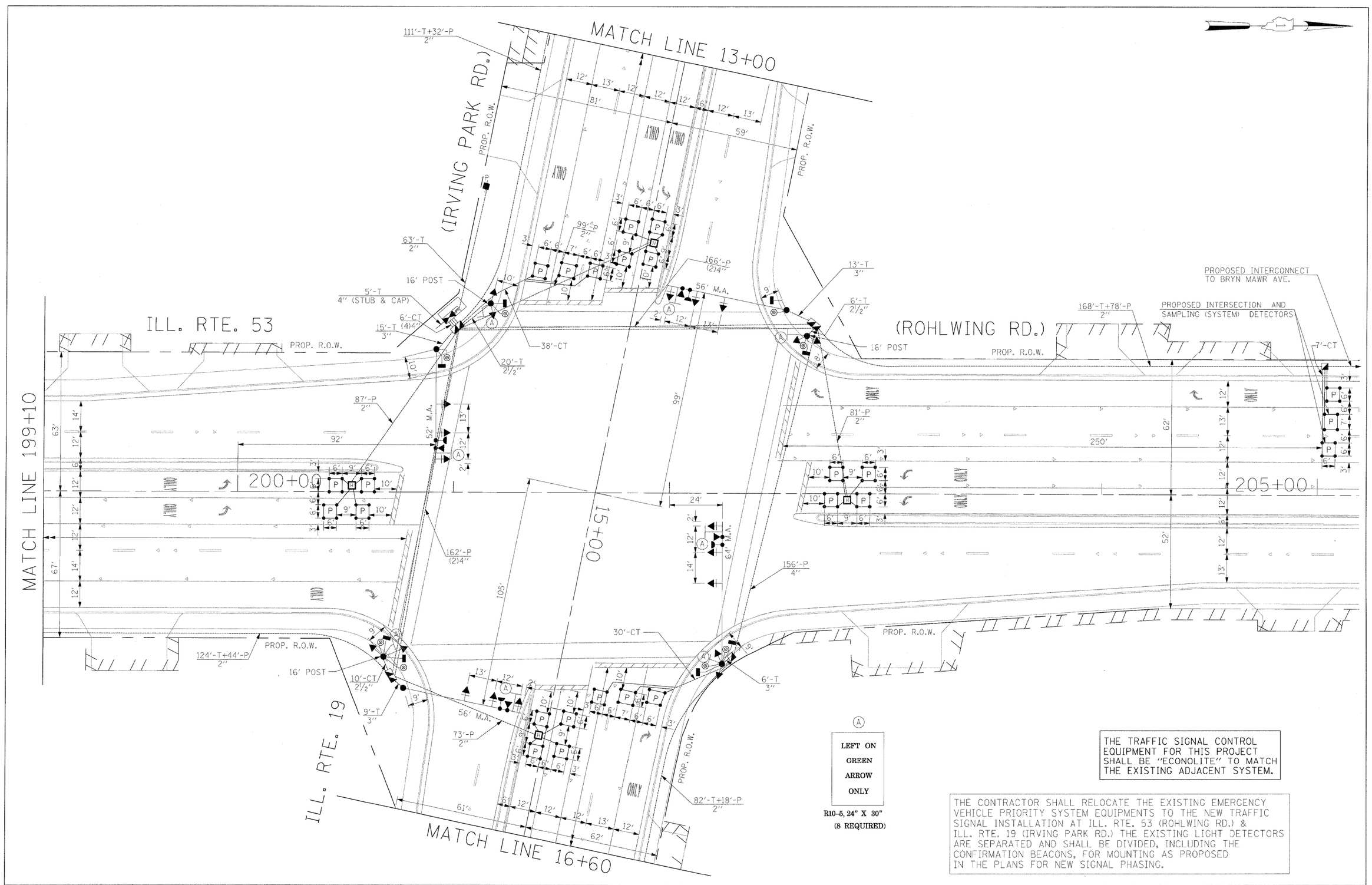
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION
ILL. RTE. 53 (ROHLWING RD.) AT ILL. RTE. 19 (IRVING PARK RD.)
STAGE 1 – SUB STAGE 2 AND STAGE 2 – SUB STAGE 2

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	483
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



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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.

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & ILL. RTE. 19 (IRVING PARK RD.) THE EXISTING LIGHT DETECTORS ARE SEPARATED AND SHALL BE DIVIDED, INCLUDING THE CONFIRMATION BEACONS, FOR MOUNTING AS PROPOSED IN THE PLANS FOR NEW SIGNAL PHASING.

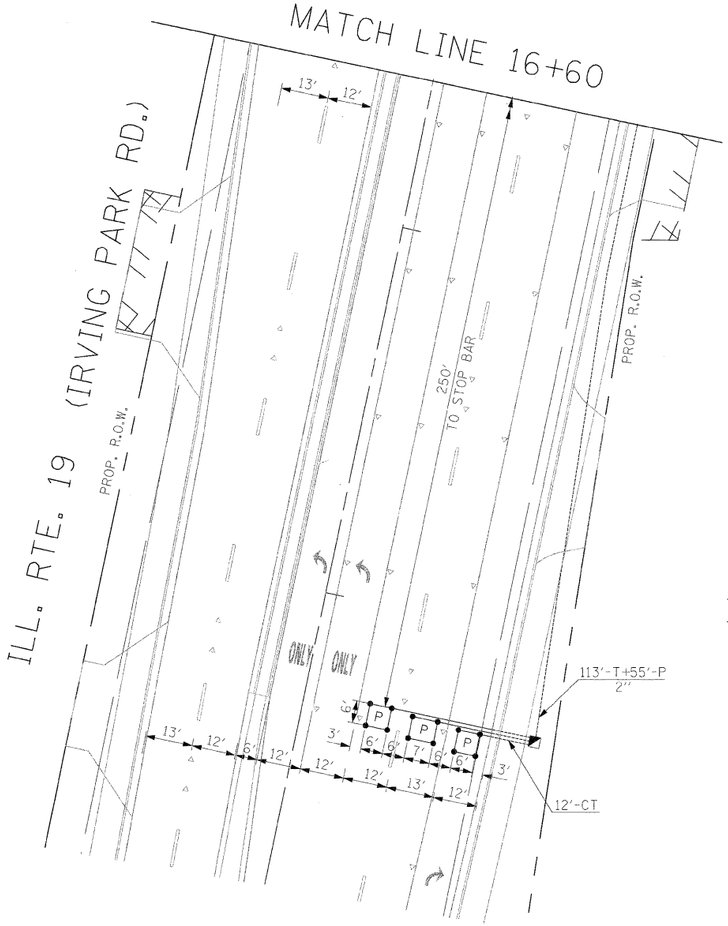
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

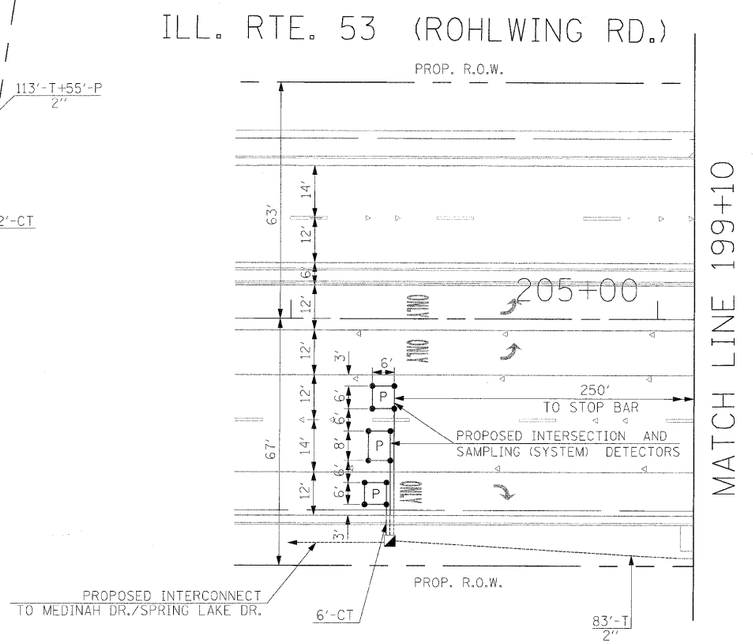
PROPOSED TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ILL RTE. 19 (IRVING PARK RD.)
(SHEET 1 OF 2).

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	484
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



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



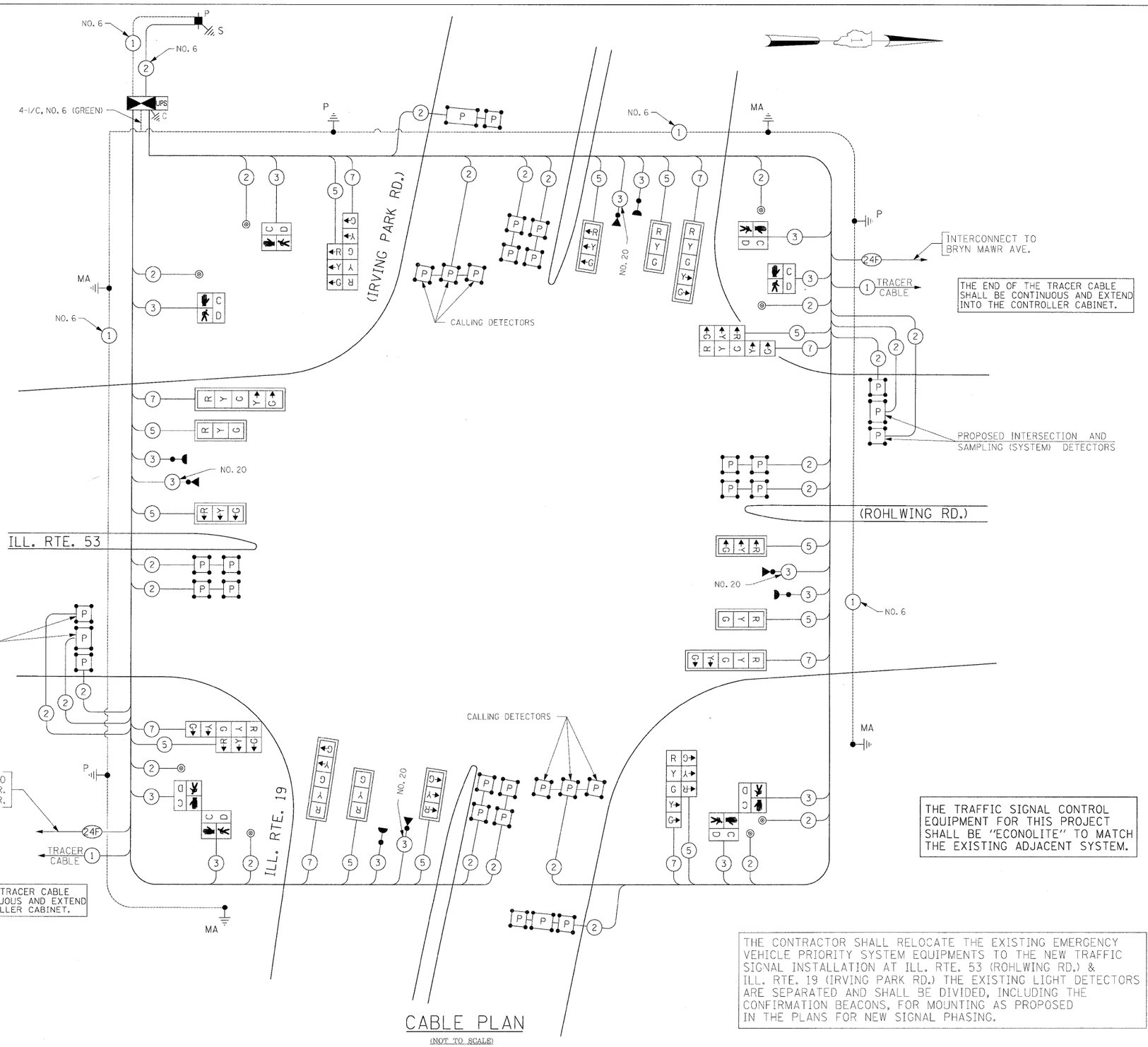
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ILL. RTE. 19 (IRVING PARK RD.)
(SHEET 2 OF 2).

SCALE: 1"=20' | SHEET NO. 0F SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	485
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



CABLE PLAN

(NOT TO SCALE)

I.D.O.T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO LAMPS	X WATTAGE INCAND.	WATTAGE LED	X %OPERATION	TOTAL WATTAGE
SIGNAL (RED)	20	135	17	0.50	170
(YELLOW)	20	135	25	0.25	125
(GREEN)	20	135	15	0.25	75
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	689.2

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL CABLE PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ILL. RTE. 19 (IRVING PARK RD)

SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	486
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

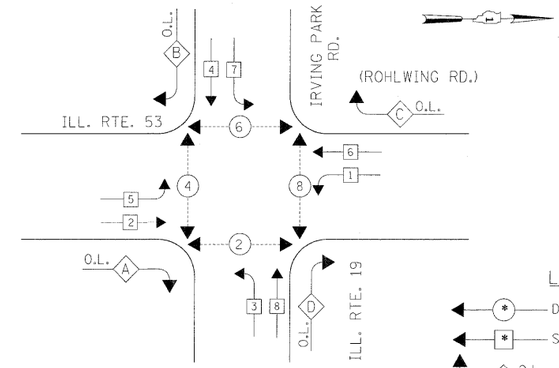
SCHEDULE OF QUANTITIES

	QUANTITY	UNIT	ITEM
	58	SQ FT	SIGN PANEL - TYPE 1
	30	SQ FT	SIGN PANEL - TYPE 2
	848	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
	36	FOOT	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL
	43	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
	29	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
	501	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
	488	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
	5	EACH	HANDHOLE
	4	EACH	HEAVY-DUTY HANDHOLE
	3	EACH	DOUBLE HANDHOLE
	928	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
	1	EACH	TRANSCEIVER-FIBER OPTIC
	1753	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
	2938	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
	3161	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
	1955	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
	5699	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
	83	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
	3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.
	2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.
	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 64 FT.
	12	FOOT	CONCRETE FOUNDATION, TYPE A
	4	FOOT	CONCRETE FOUNDATION, TYPE C
	15	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
	63	FOOT	CONCRETE FOUNDATION, TYPE E 42-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
	3	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
	12	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
	18	EACH	INDUCTIVE LOOP DETECTOR
	8	EACH	PEDESTRIAN PUSH-BUTTON
	1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
*	2	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
*	1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
	13	EACH	REMOVE EXISTING HANDHOLE
	9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
	1195	FOOT	PREFORMED DETECTOR LOOP
	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
	1	EACH	UNINTERRUPTIBLE POWER SUPPLY
	836	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
*	1129	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED

* 100% COST TO VILLAGE OF ADDISON

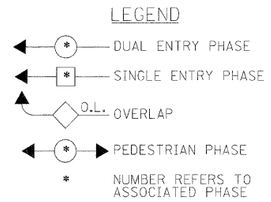
THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & ILL. RTE. 19 (IRVING PARK RD.) THE EXISTING LIGHT DETECTORS ARE SEPARATED AND SHALL BE DIVIDED, INCLUDING THE CONFIRMATION BEACONS, FOR MOUNTING AS PROPOSED IN THE PLANS FOR NEW SIGNAL PHASING.

CONTROLLER SEQUENCE

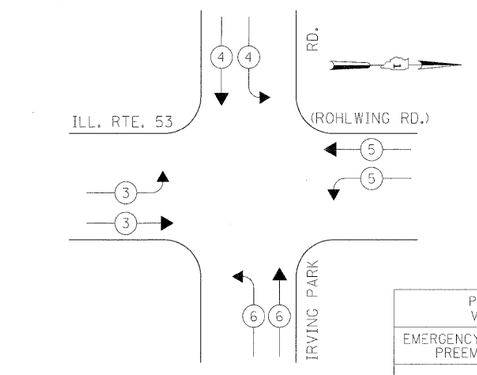


PHASE DESIGNATION DIAGRAM

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



EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

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

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PHASE DESIGNATION DIAGRAM,
EMERGENCY VEHICLE PREEMPTION SEQUENCE, SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ILL. RTE. 19 (IRVING PARK RD.)

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DuPage	781	487
		CONTRACT NO. 60477		

FED. ROAD DIST. NO. - | ILLINOIS | FED. AID PROJECT

NOTES FOR TEMPORARY TRAFFIC SIGNALS

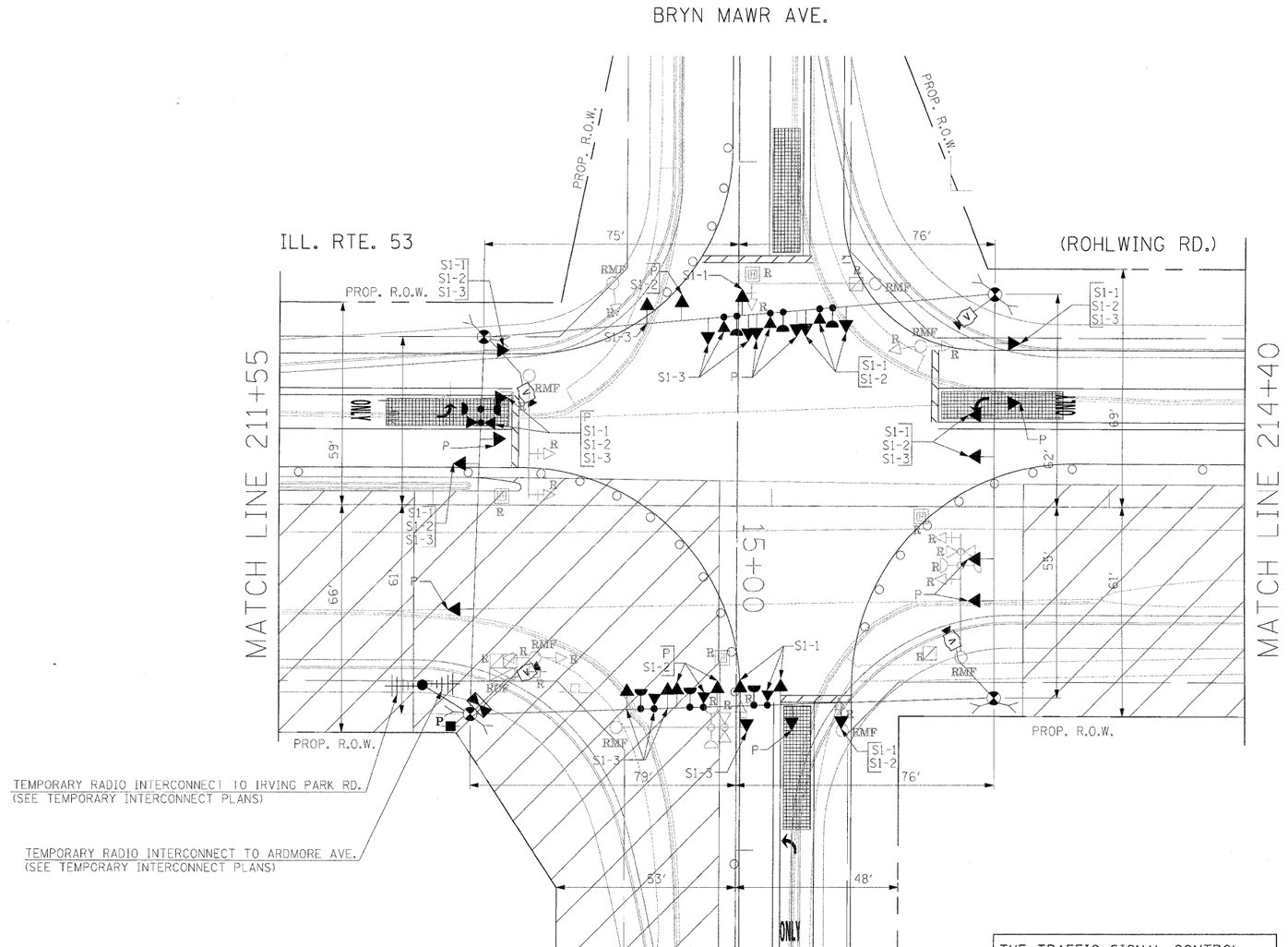
1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. 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 SIGNAL, 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 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 RIGH-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACOR'S BID PRICE.

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

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & BRYN MAWR AVE.

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.



SIGNAL HEAD PLACEMENTS FOR STAGES: PRE-STAGE S1-1, S1-2, AND S1-3.

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

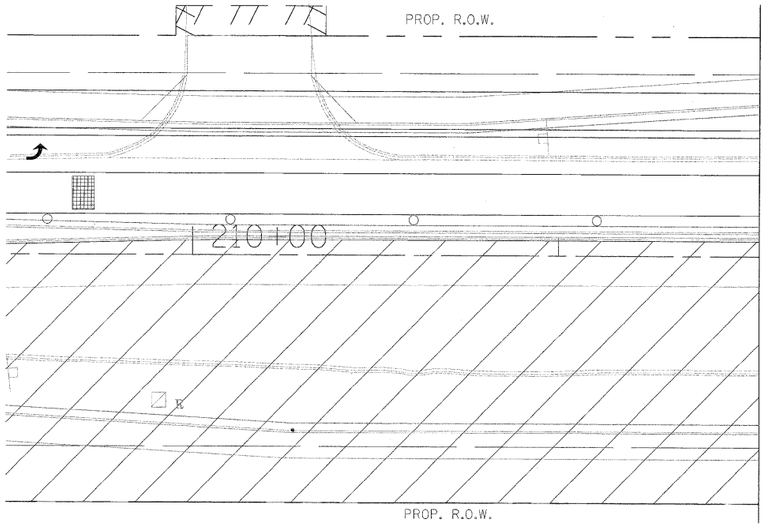
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT BRYN MAWR AVE. PRE STAGE AND STAGE 1 (SHEET 1 OF 4).

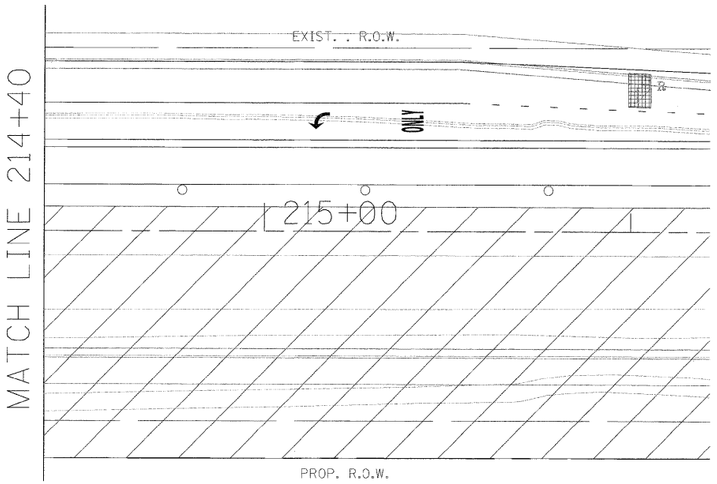
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	488
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

ILL. RTE. 53 (ROHLWING RD.)



ILL. RTE. 53 (ROHLWING RD.)



NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

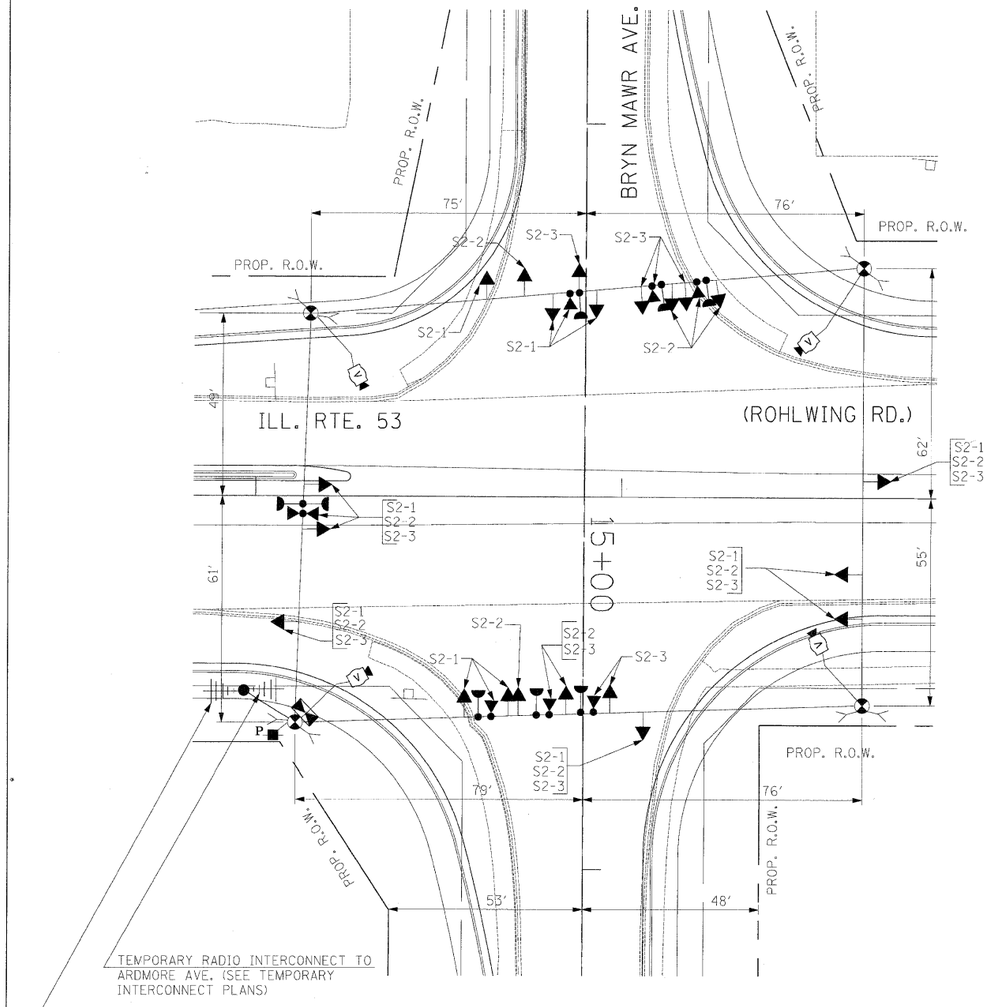
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

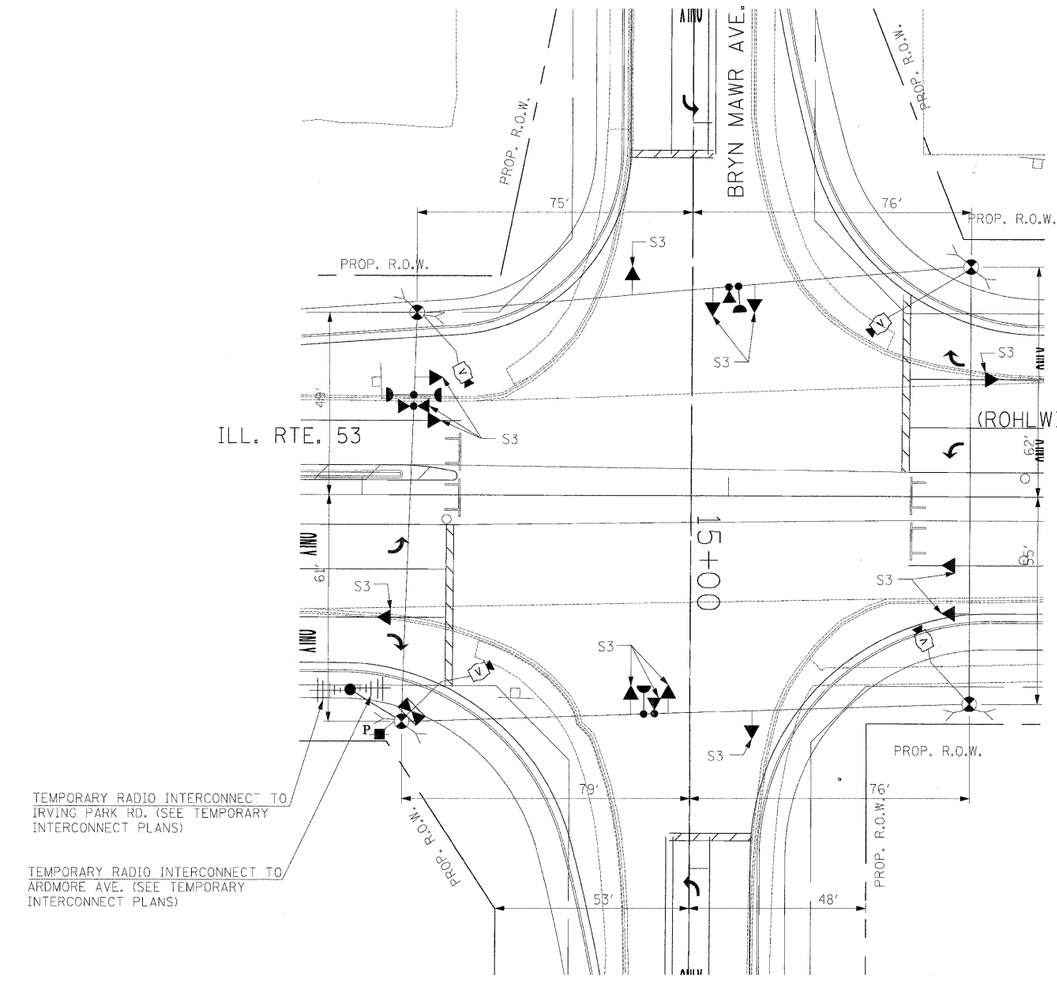
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT BRYN MAWR AVE. PRE STAGE AND STAGE 1 (SHEET 2 OF 4)

SCALE: | SHEET NO. OF SHEETS | STA. | 1"=20'TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	489
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



SIGNAL HEAD PLACEMENTS FOR STAGES: S2-1, S2-2, AND S2-3.



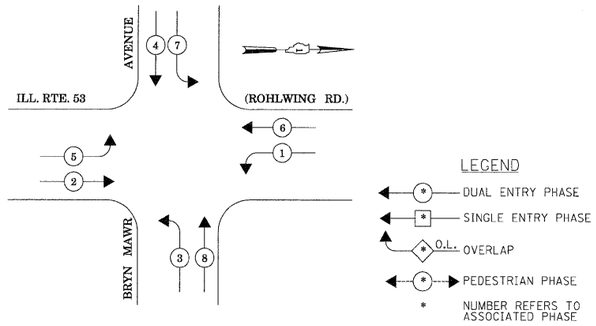
SIGNAL HEAD PLACEMENTS FOR STAGE S3

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

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - PKG	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILLINOIS ROUTE 53 (ROHLWING RD.) AT BRYN MAWR AVE. STAGE 2 AND STAGE 3 (SHEET 3 OF 4).**	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - MAA, EA	REVISED -			2578	532B	DuPage	781	490
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -					CONTRACT NO. 60477		
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -		SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

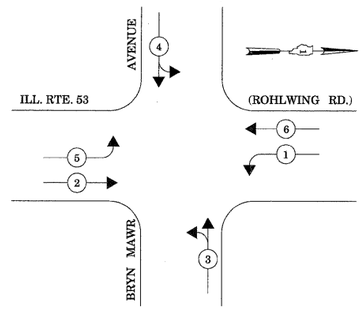
CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: PRE-STAGE, S1-1, S1-2, S1-3, S2-1, S2-2, S3,
AND AFTER PROPOSED GEOMETRICS ARE BUILT

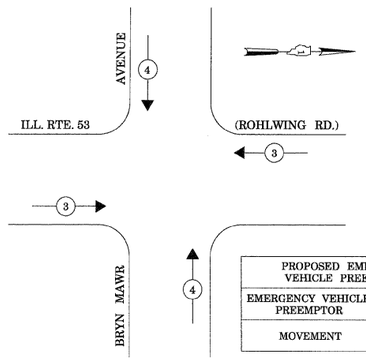
CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: STAGE 2 - SUBSTAGE 3

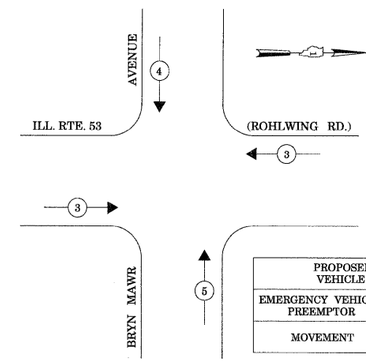
EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

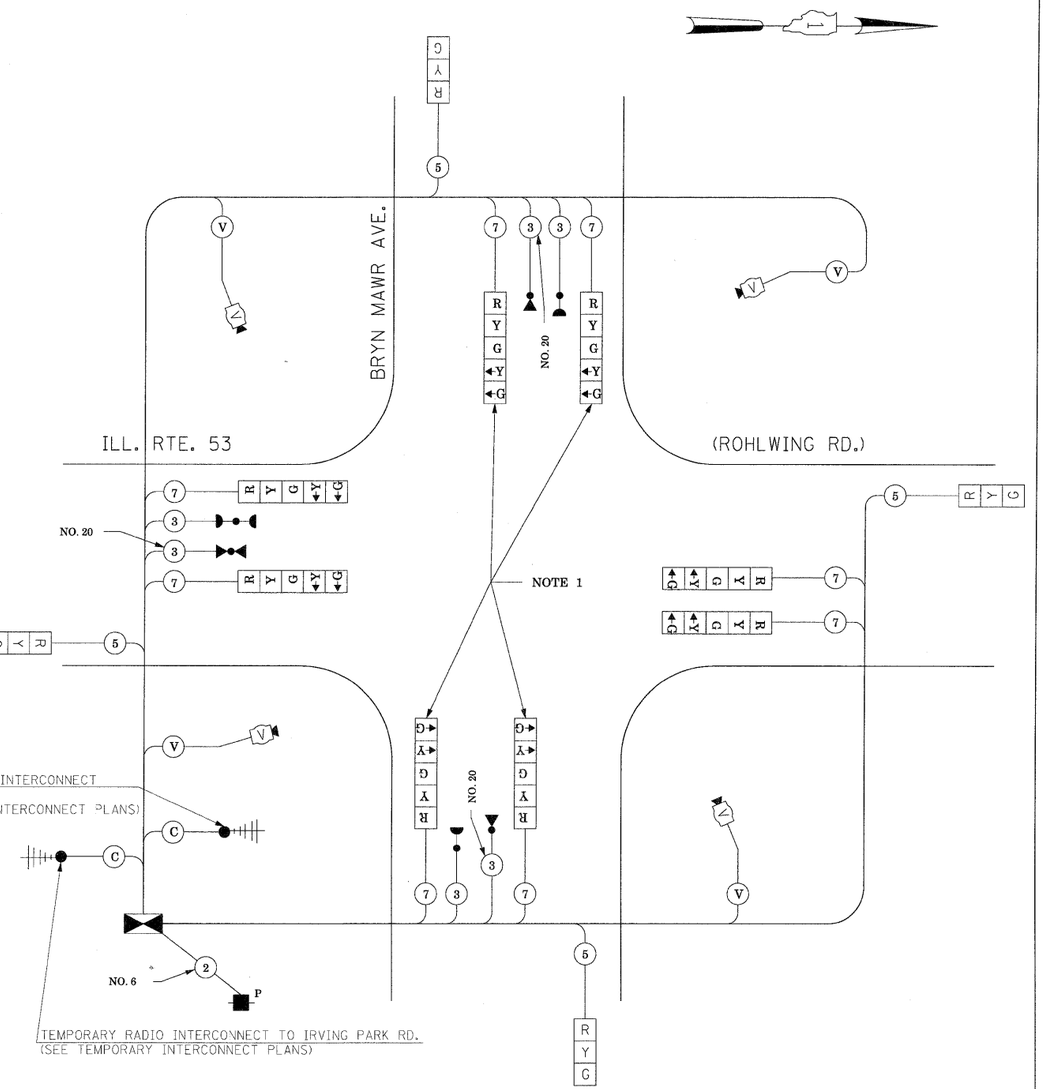
STAGES: PRE-STAGE, S1-1, S1-2, S1-3, S2-1, S2-2, S2-3, S3,
AND AFTER PROPOSED GEOMETRICS ARE BUILT

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

STAGES: STAGE 2 - SUBSTAGE 3



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES: PRE-STAGE, S1-1, S1-2, S1-3, S2-1, S2-2, S2-3, S3,
AND AFTER PROPOSED GEOMETRICS ARE BUILT

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	X WATTAGE INCAND.	WATTAGE LED	X %OPERATION	
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
ARROW	16	135	12	0.10	19.2
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	491.2

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

NOTE 1: THE LEFT TURN YELLOW ARROW INDICATION SECTIONS FOR BRYN MAWR AVENUE SHALL BE DISCONNECTED AND BAGGED DURING CONSTRUCTION STAGE 2 - SUBSTAGE 3.

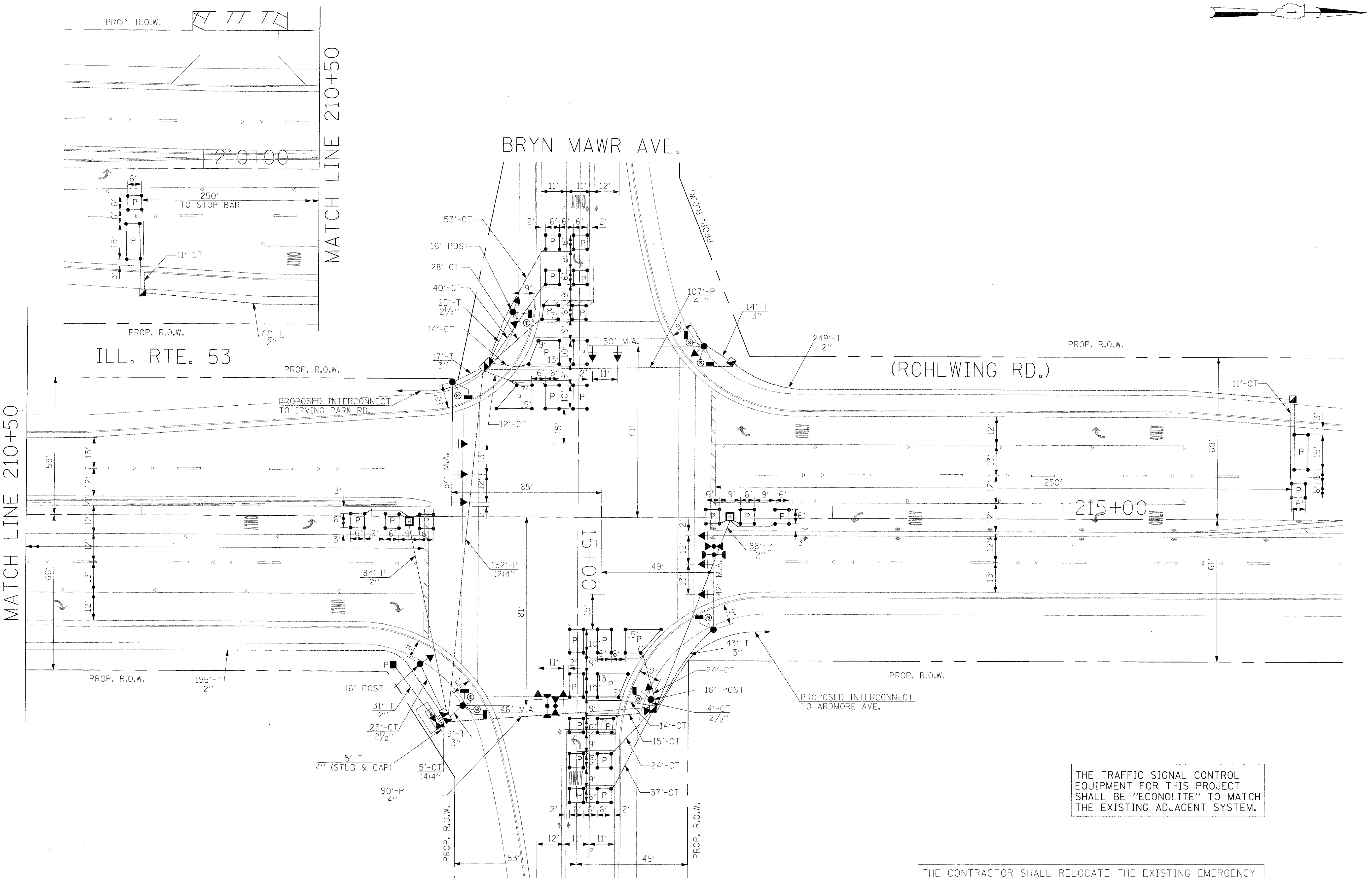
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME = $FILE1$	USER NAME = $USER$	DESIGNED - PKG	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - MAA, EA	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -	
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -	

**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILLINOIS ROUTE 53 (ROHLWING RD.) AT BRYN MAWR AVE.
PRE-STAGE, STAGE 1, STAGE 2, AND STAGE 3 (SHEET 4 OF 4)**

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	491
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



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

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & BRYN MAWR AVE.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT BRYN MAWR AVE.

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA.

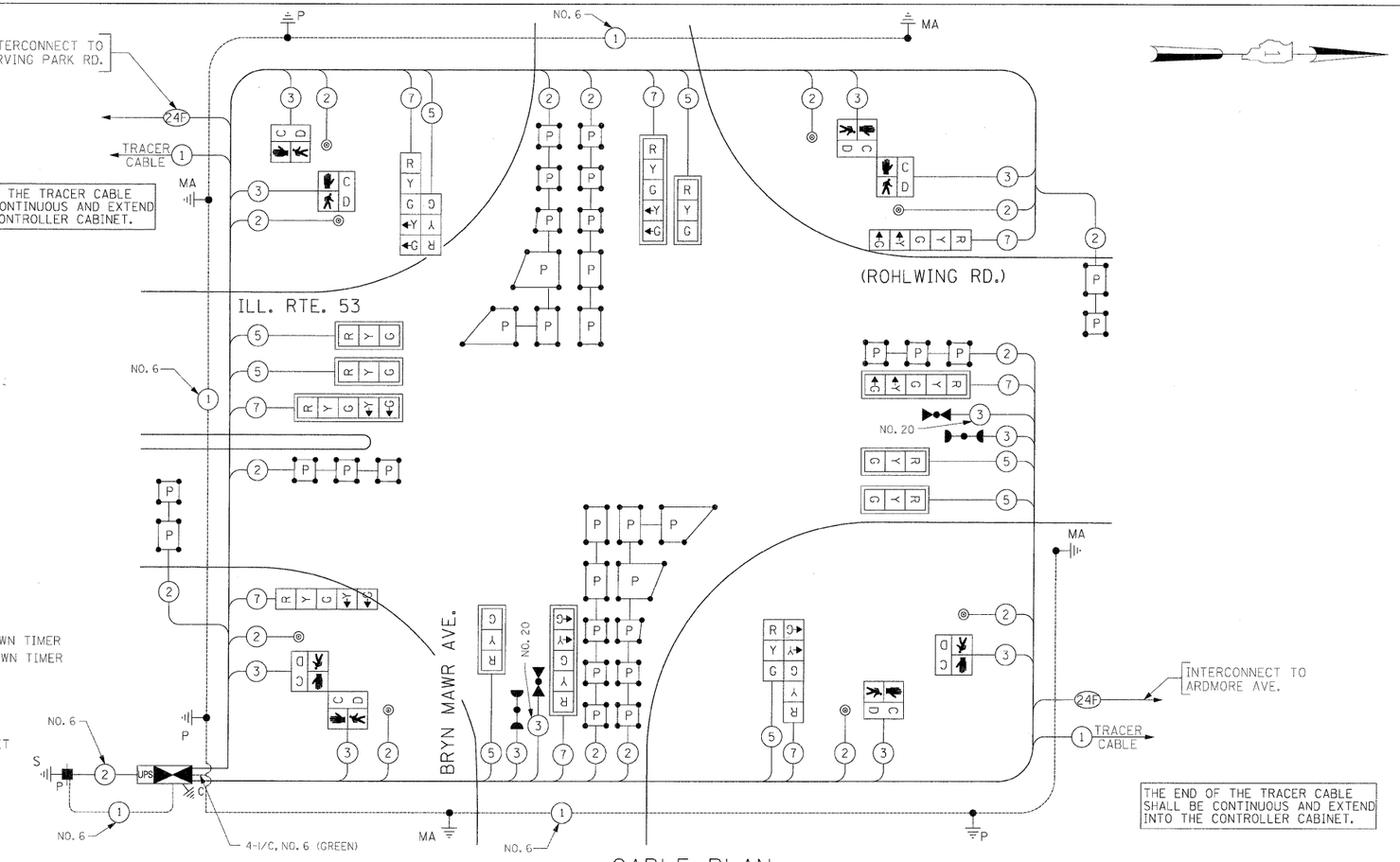
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	492
		CONTRACT NO. 60477		

FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

SCHEDULE OF QUANTITIES

	QUANTITY	UNIT	ITEM
	18	SQ FT	SIGN PANEL - TYPE 1
	30	SQ FT	SIGN PANEL - TYPE 2
	552	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
	54	FOOT	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL
	69	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
	25	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
	172	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
	278	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
	4	EACH	HANDHOLE
	2	EACH	HEAVY-DUTY HANDHOLE
	2	EACH	DOUBLE HANDHOLE
	645	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
	1	EACH	TRANSCEIVER-FIBER OPTIC
	1493	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
	1865	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
	1783	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
	1766	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
	1797	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
	51	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
	3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.
	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.
	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.
	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.
	12	FOOT	CONCRETE FOUNDATION, TYPE A
	4	FOOT	CONCRETE FOUNDATION, TYPE C
	60	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
	6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
	2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
	4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
	2	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
	4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
	2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
	10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
	8	EACH	INDUCTIVE LOOP DETECTOR
	8	EACH	PEDESTRIAN PUSH-BUTTON
	1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
*	2	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
*	1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
	10	EACH	REMOVE EXISTING HANDHOLE
	9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
	1228	FOOT	PREFORMED DETECTOR LOOP
	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
	1	EACH	UNINTERRUPTIBLE POWER SUPPLY
	723	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
*	317	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED

* 100% COST TO VILLAGE OF ITASCA

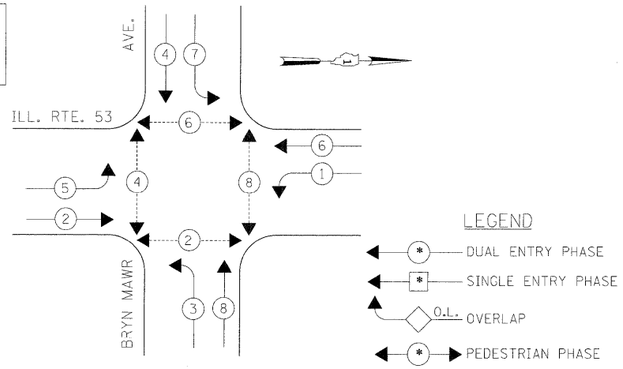


CABLE PLAN

(NOT TO SCALE)

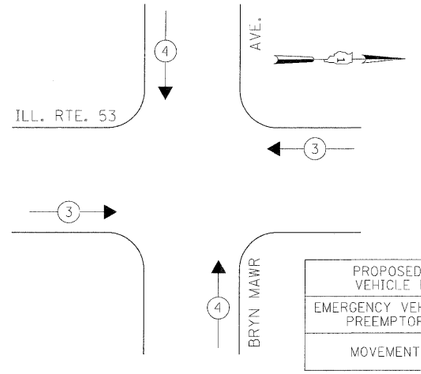
THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & BRYN MAWR AVE.

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

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 INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	16	135	17	0.50	136
(YELLOW)	16	135	25	0.25	100
(GREEN)	16	135	15	0.25	60
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	615.2

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

FILE NAME = $FILE1$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 53 (ROHLWING RD.) AT BRYN MAWR AVE.

SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	493
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

NOTES FOR TEMPORARY TRAFFIC SIGNALS

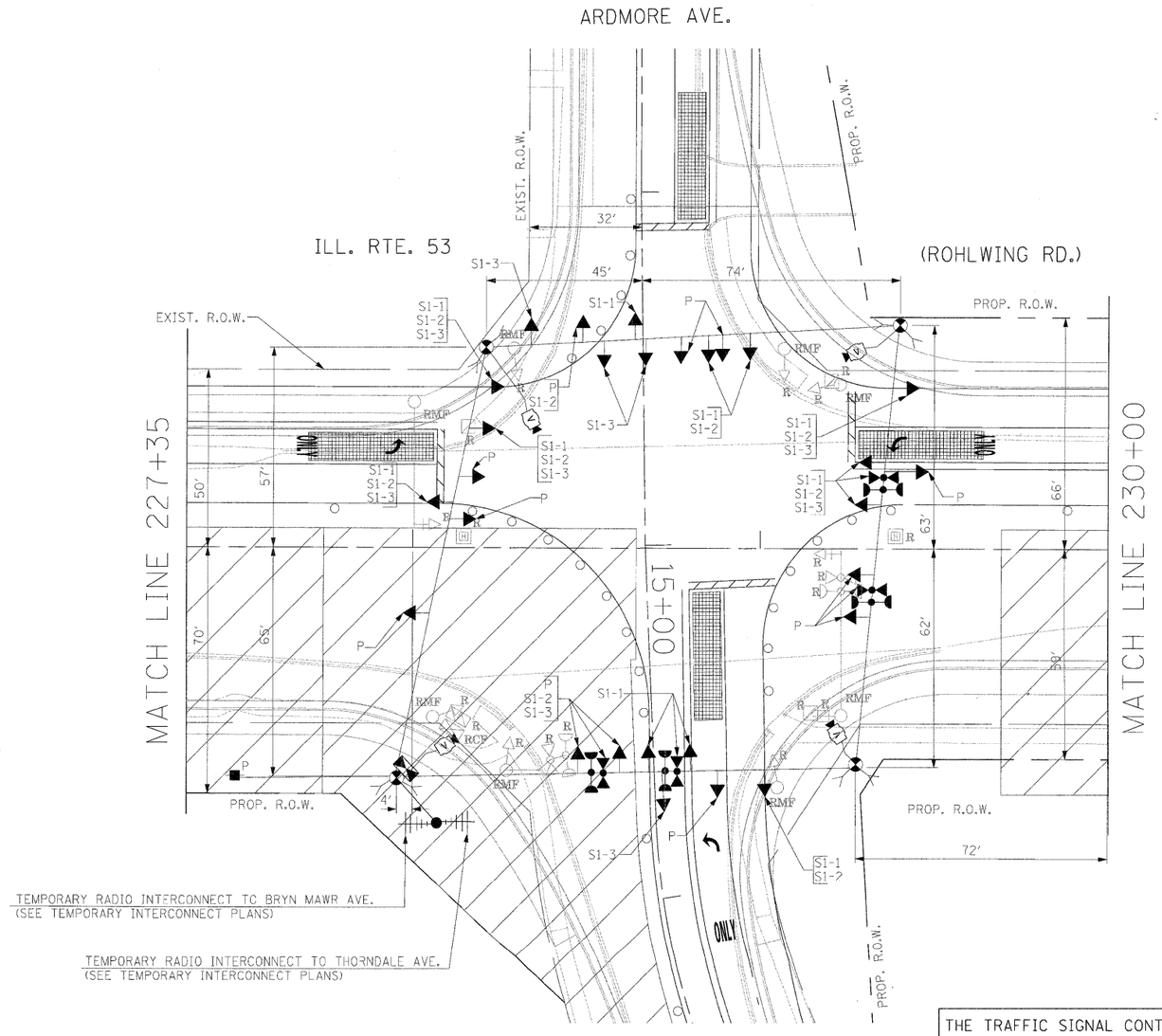
1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. 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 SIGNAL, 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 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 RIGH-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACOR'S BID PRICE.

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

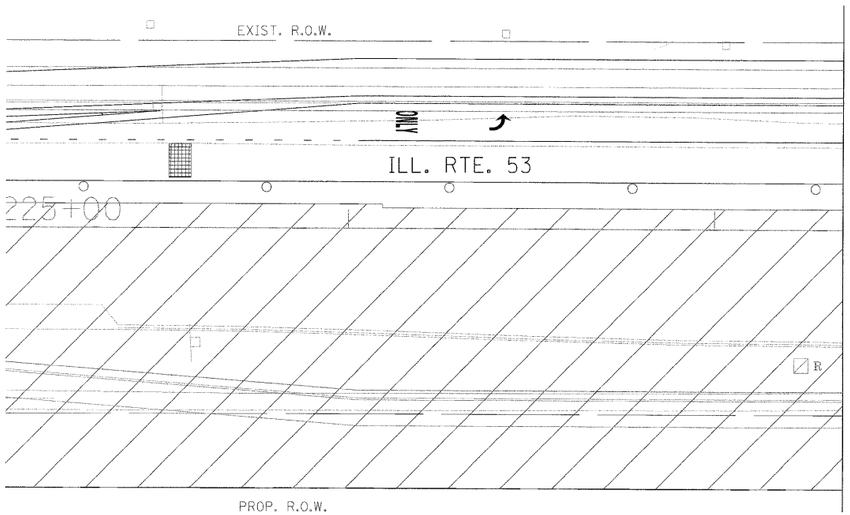
THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & ARDMORE AVE.

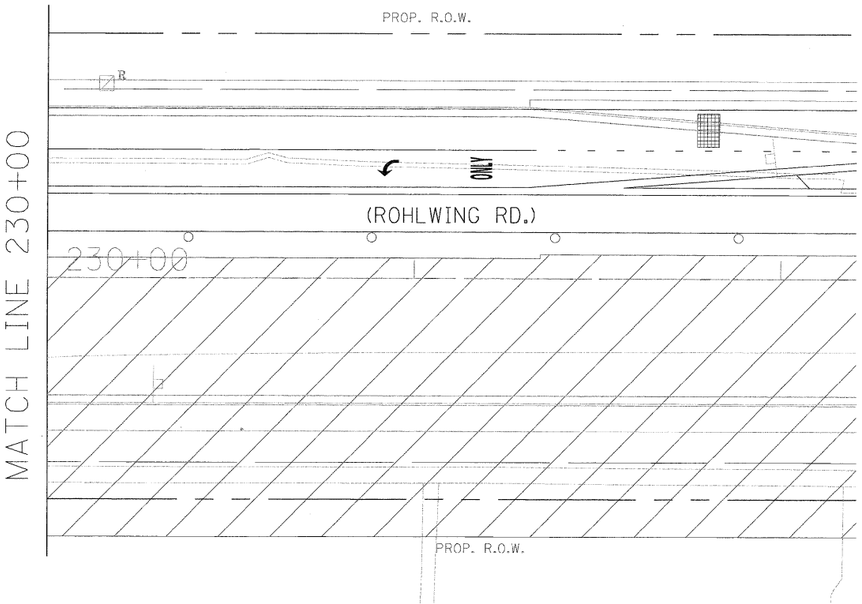
NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.



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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARDMORE AVE. PRE STAGE AND STAGE 1 (SHEET 1 OF 4).	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - MAA, EA	REVISED -			2578	532B	DuPage	781	494
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -					CONTRACT NO. 60477		
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -		SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		





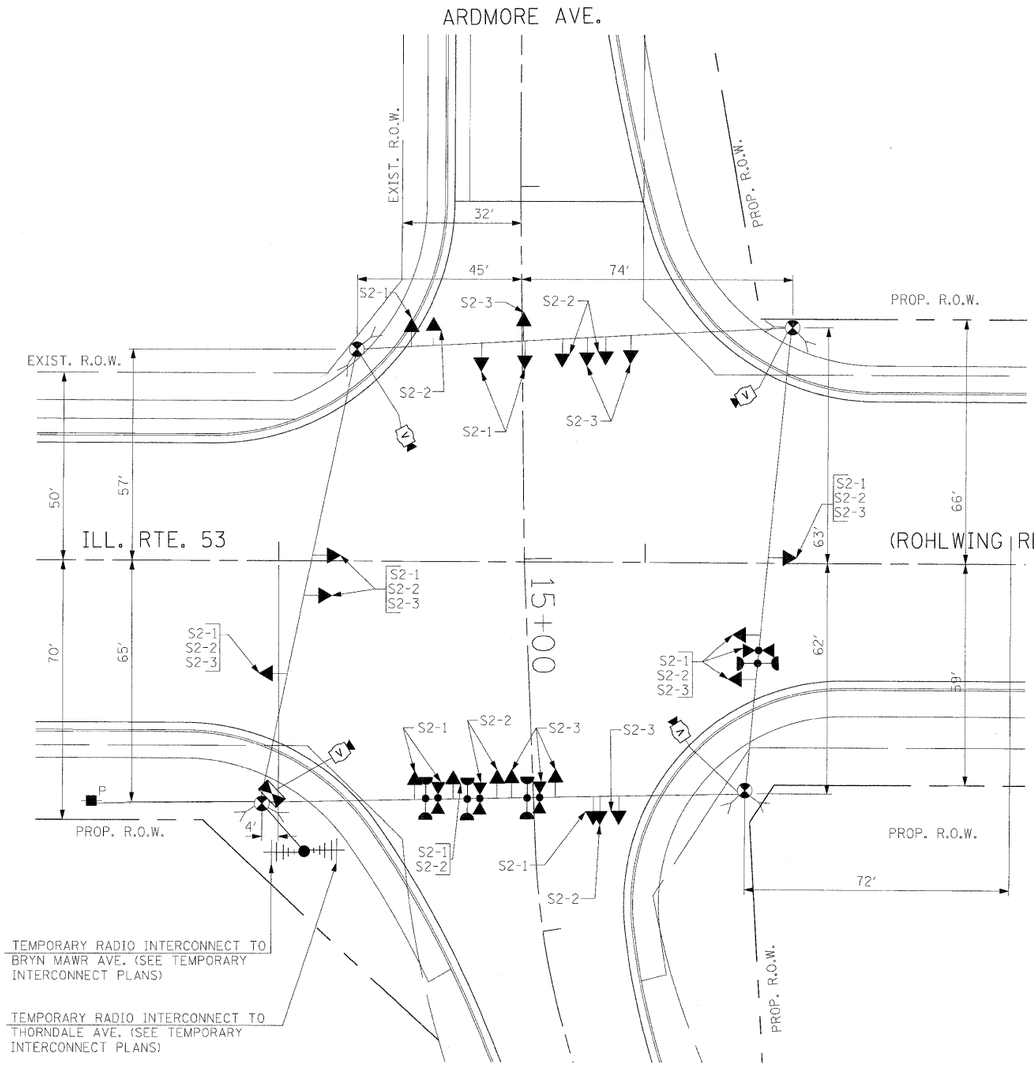
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

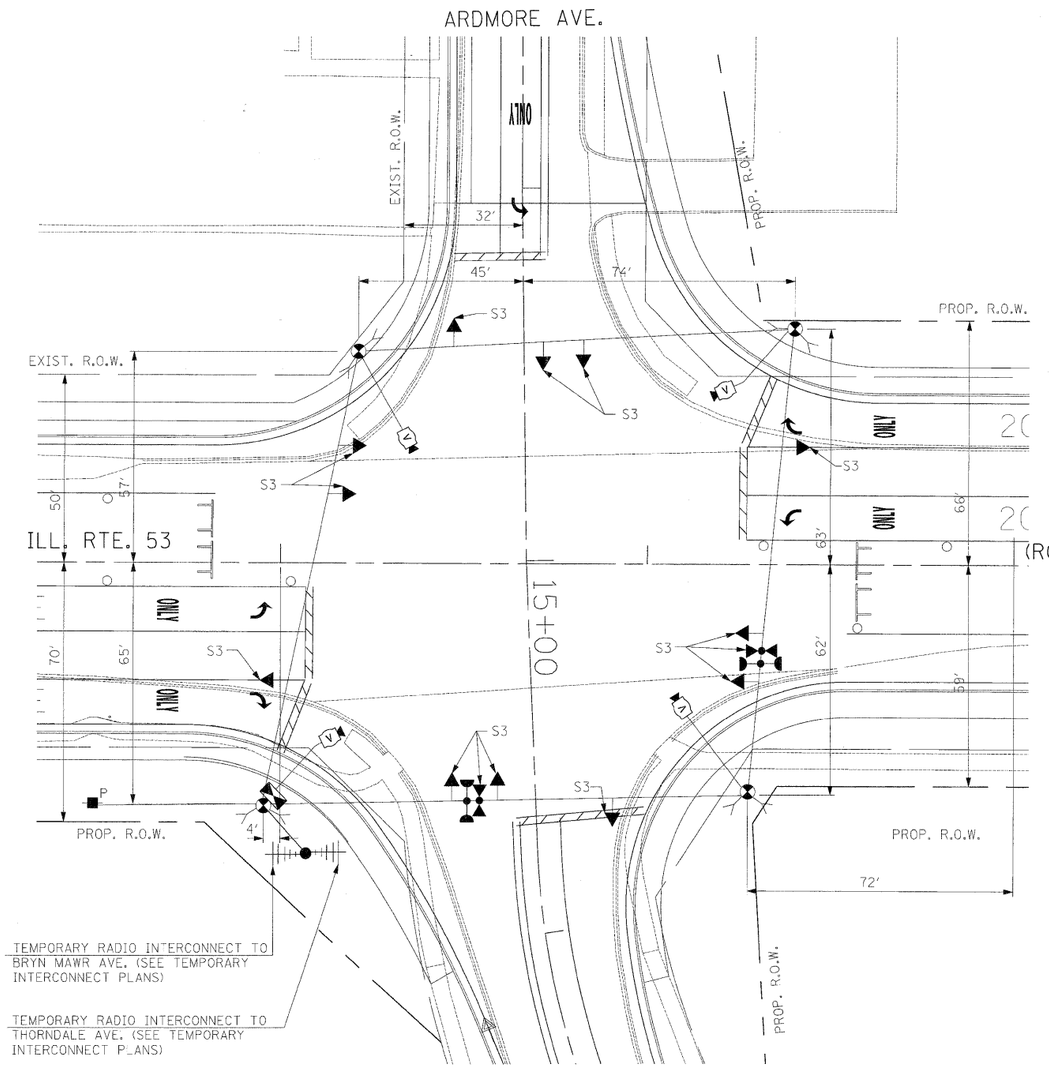
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARDMORE AVE. PRE STAGE AND STAGE 1 (SHEET 2 OF 4).

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	495
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



SIGNAL HEAD PLACEMENTS FOR STAGES: S2-1, S2-2, AND S2-3.



SIGNAL HEAD PLACEMENTS FOR STAGES S3

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

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

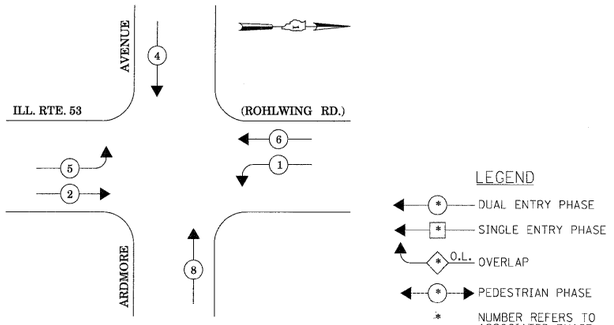
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARDMORE AVE.
STAGE 2 AND STAGE 3 (SHEET 3 OF 4).

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	496
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

CONTROLLER SEQUENCE



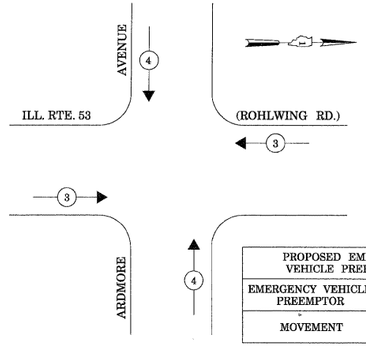
LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- O.L. OVERLAP
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: PRE-STAGE, S1-1, S1-2, S1-3, S2-1, S2-2, S2-3, S3,
AND AFTER PROPOSED GEOMETRICS ARE BUILT

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

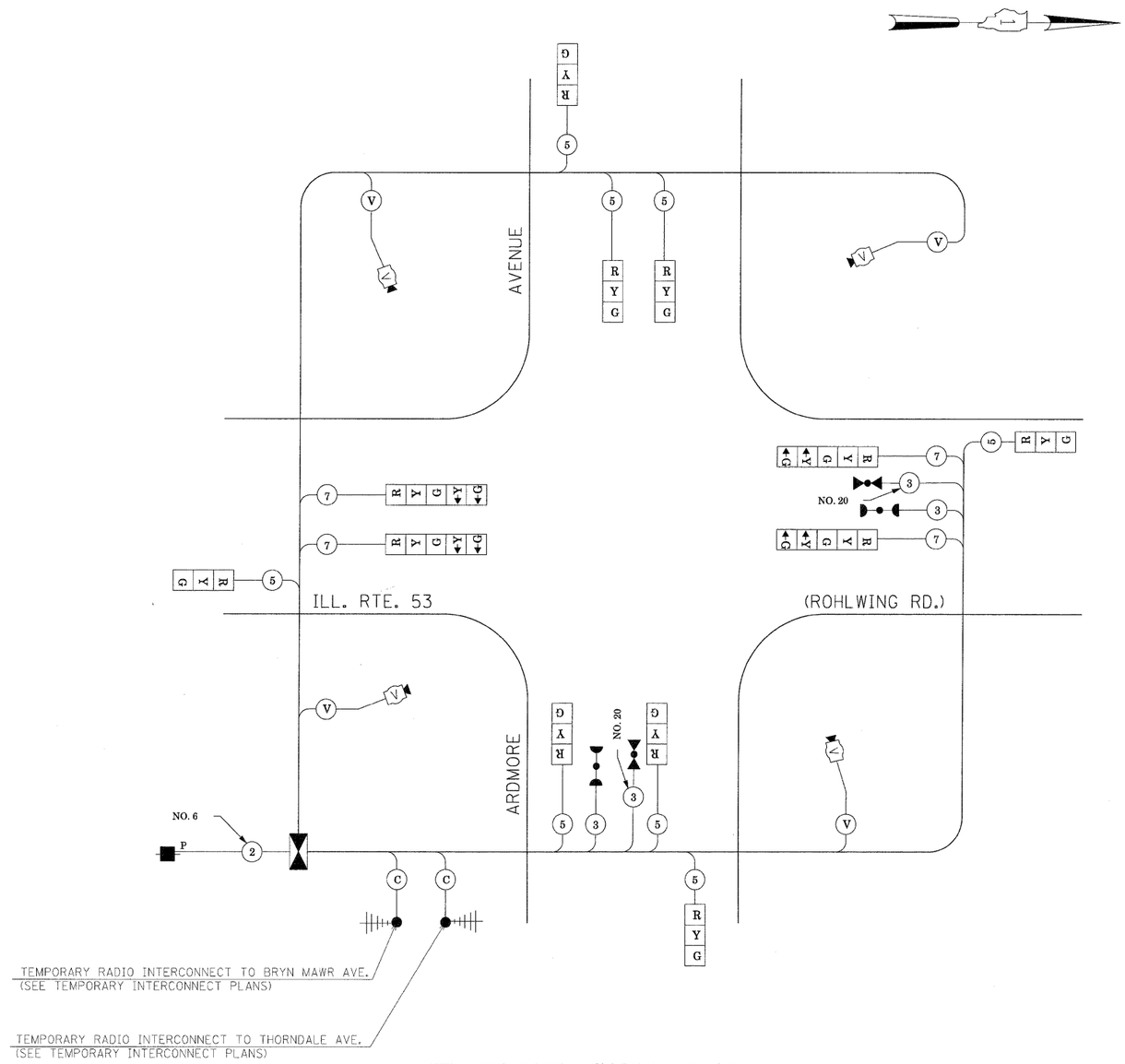
STAGES: PRE-STAGE, S1-1, S1-2, S1-3, S2-1, S2-2, S2-3, S3,
AND AFTER PROPOSED GEOMETRICS ARE BUILT

I.D.O.T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO LAMPS	X WATTAGE INCAND.	WATTAGE LED	X %OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
ARROW	8	135	12	0.10	9.6
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	481.6

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES: PRE-STAGE, S1-1, S1-2, S1-3, S2-1, S2-2, S2-3, S3,
AND AFTER PROPOSED GEOMETRICS ARE BUILT

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

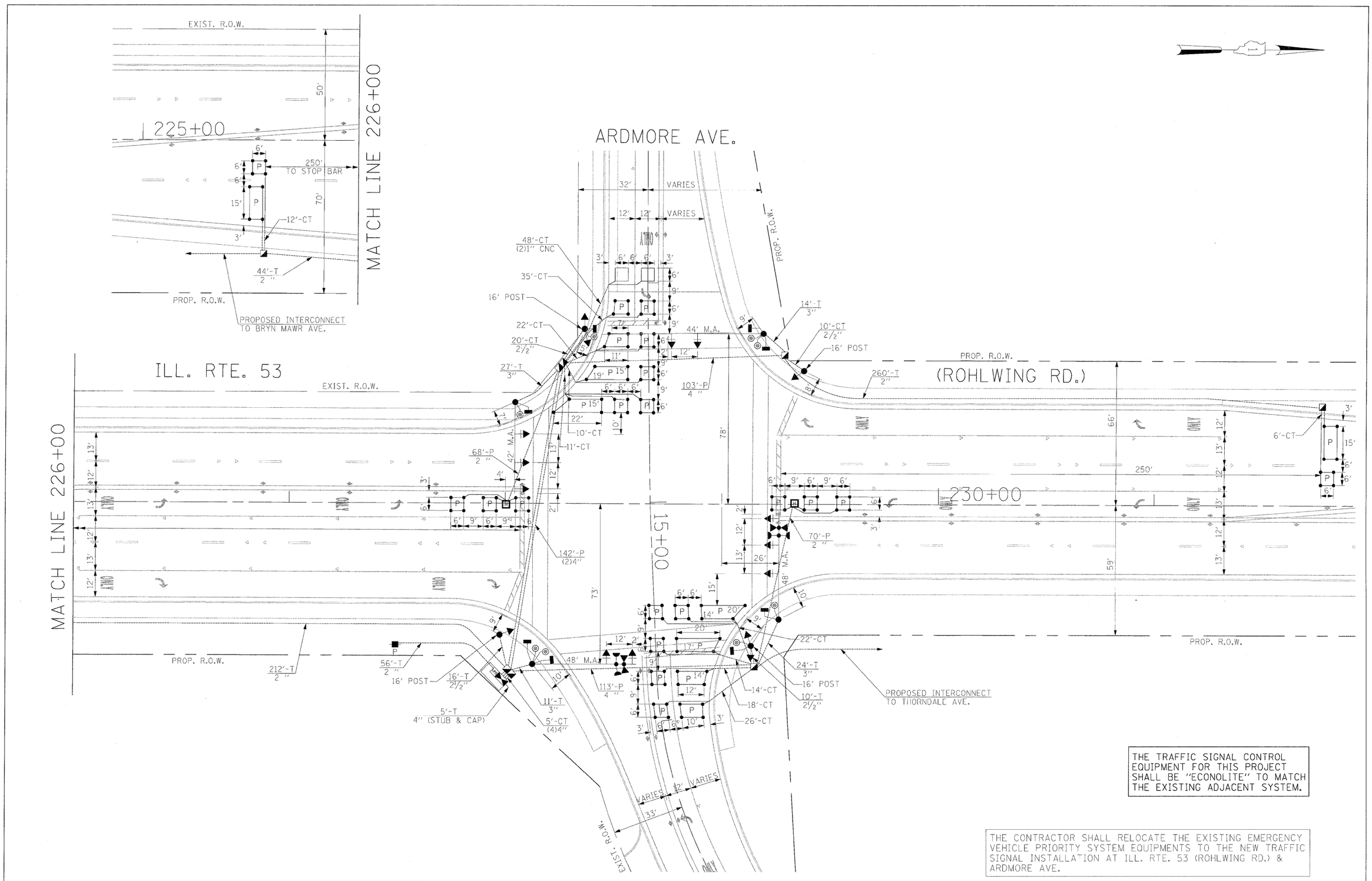
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - MAA, EA	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -	
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -	

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARDMORE AVE.
PRE STAGE, STAGE 1, STAGE 2 AND STAGE 3 (SHEET 4 OF 4)

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	497
		CONTRACT NO. 60477		

FED. ROAD DIST. NO. - | ILLINOIS | FED. AID PROJECT



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

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & ARDMORE AVE.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL INSTALLATION PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARDMORE AVE.

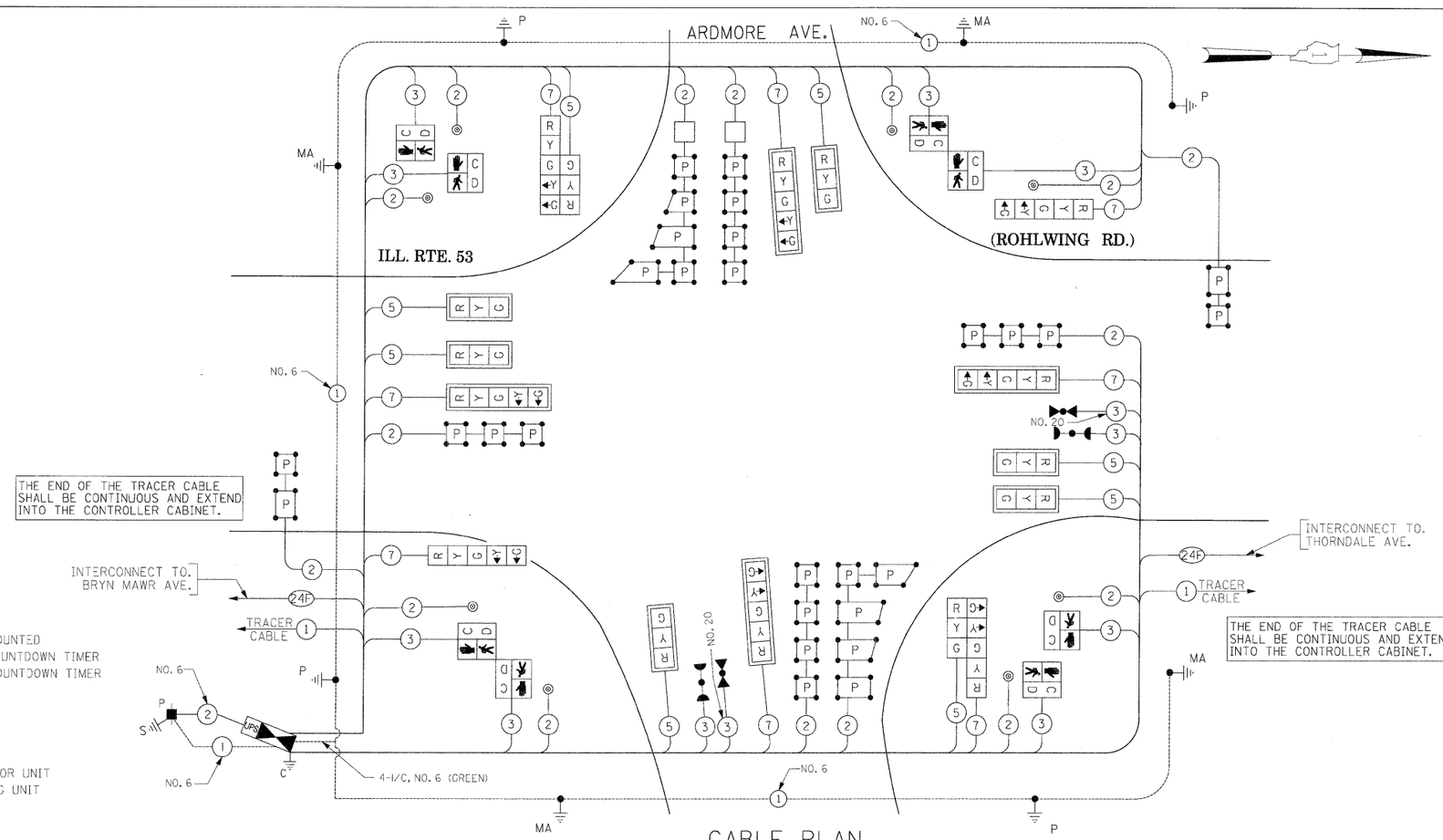
SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	498
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
36	SQ FT	SIGN PANEL - TYPE 1
572	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
46	FOOT	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL
78	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
25	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
144	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
500	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
4	EACH	HANDHOLE
2	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
660	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCEIVER-FIBER OPTIC
1480	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1879	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1788	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
1750	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
1954	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
76	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
4	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.
1	EACH	STEEL MAST ARM ASSEMBLEY AND POLE, 44 FT.
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.
16	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
60	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
8	EACH	INDUCTIVE LOOP DETECTOR
66	FOOT	DETECTOR LOOP, TYPE 1
8	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
* 2	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
* 1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
8	EACH	REMOVE EXISTING HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1192	FOOT	PREFORMED DETECTOR LOOP
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
854	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
* 343	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED

* 100% COST TO VILLAGE OF ITASCA

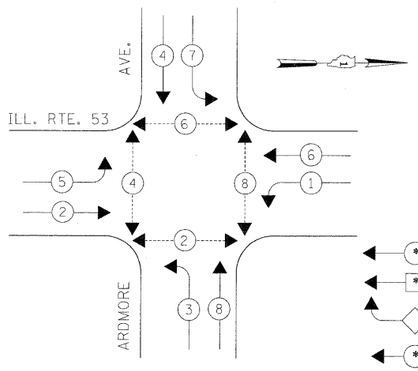


CABLE PLAN

(NOT TO SCALE)

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

CONTROLLER SEQUENCE

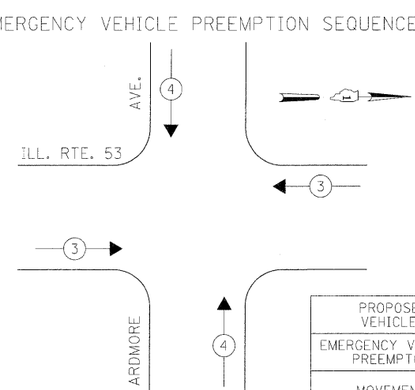


LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- O.L. OVERLAP
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & ARDMORE AVE.

I.D.O.T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO LAMPS	X WATTAGE INCAND.	WATTAGE LED	X %OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	135	17	0.50	136
(YELLOW)	16	135	25	0.25	100
(GREEN)	16	135	15	0.25	60
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	615.2

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

ENERGY SUPPLY CONTACT: CURTIS TOPPS
PHONE: (630) 691-4356
COMPANY: COMMONWEALTH EDISON

FILE NAME = $FILE1$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ARDMORE AVE.

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	499
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

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 DISTRICT 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 SIGNAL, 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 DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.

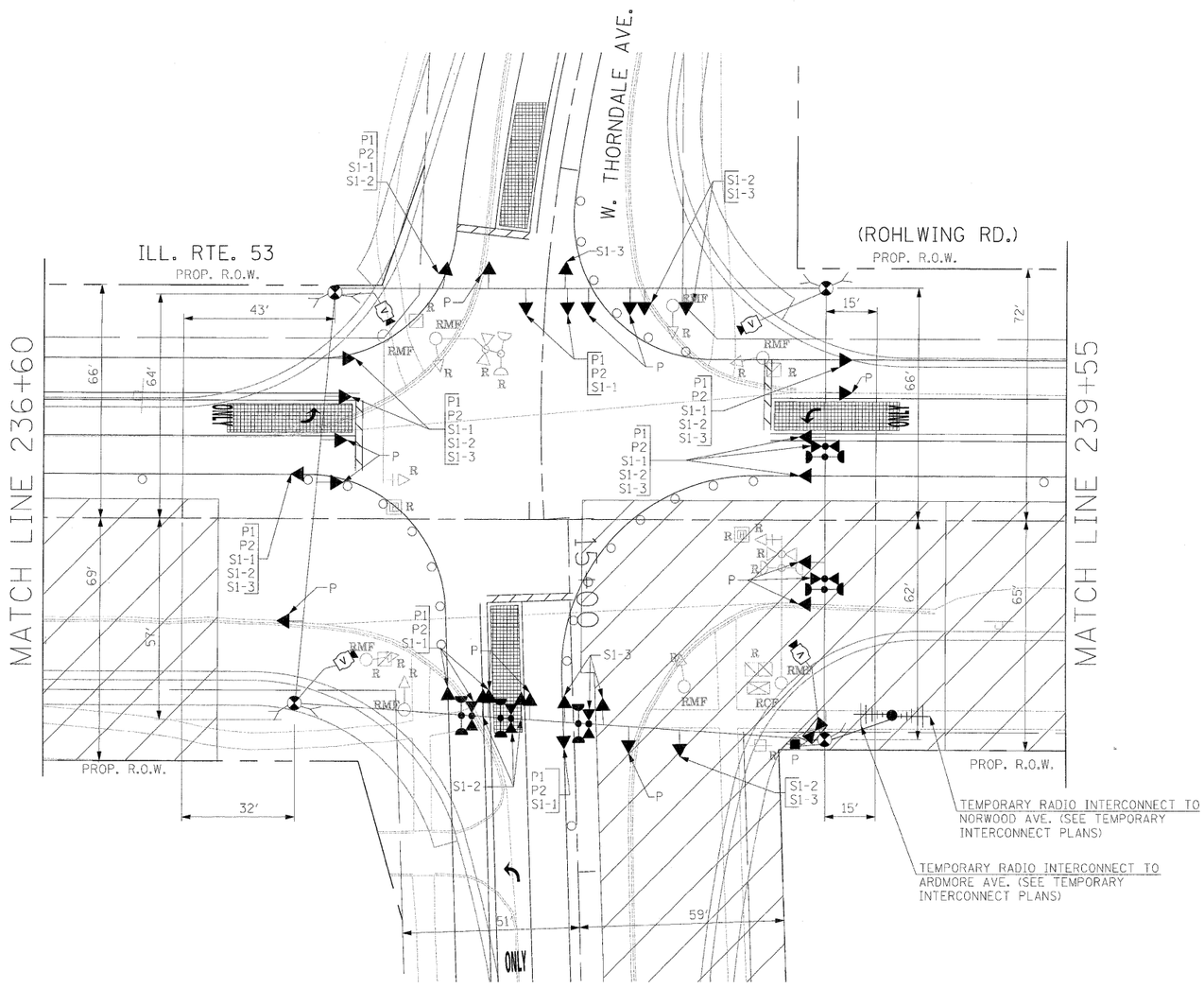
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE, CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

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

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

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & W. THORNDALE AVE.

NOTE: THE VIDEO DETECTION ZONES SHOWN ON THE PLANS ARE FOR CONSTRUCTION STAGE 1 - SUBSTAGE 1 AND SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.



SIGNAL HEAD PLACEMENTS FOR STAGES: PRE-STAGE S1-1, S1-2, AND S1-3.

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PKG	REVISED -
		DRAWN - MAA, EA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG, EA	REVISED -
	PLOT DATE = $DATE$	DATE - 5/10/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
ILLINOIS ROUTE 53 (ROHLWING RD.) AT W. THORNDALE AVE.
PRE STAGE AND STAGE 1 (SHEET 1 OF 4)

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	500
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		