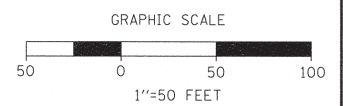
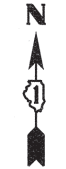
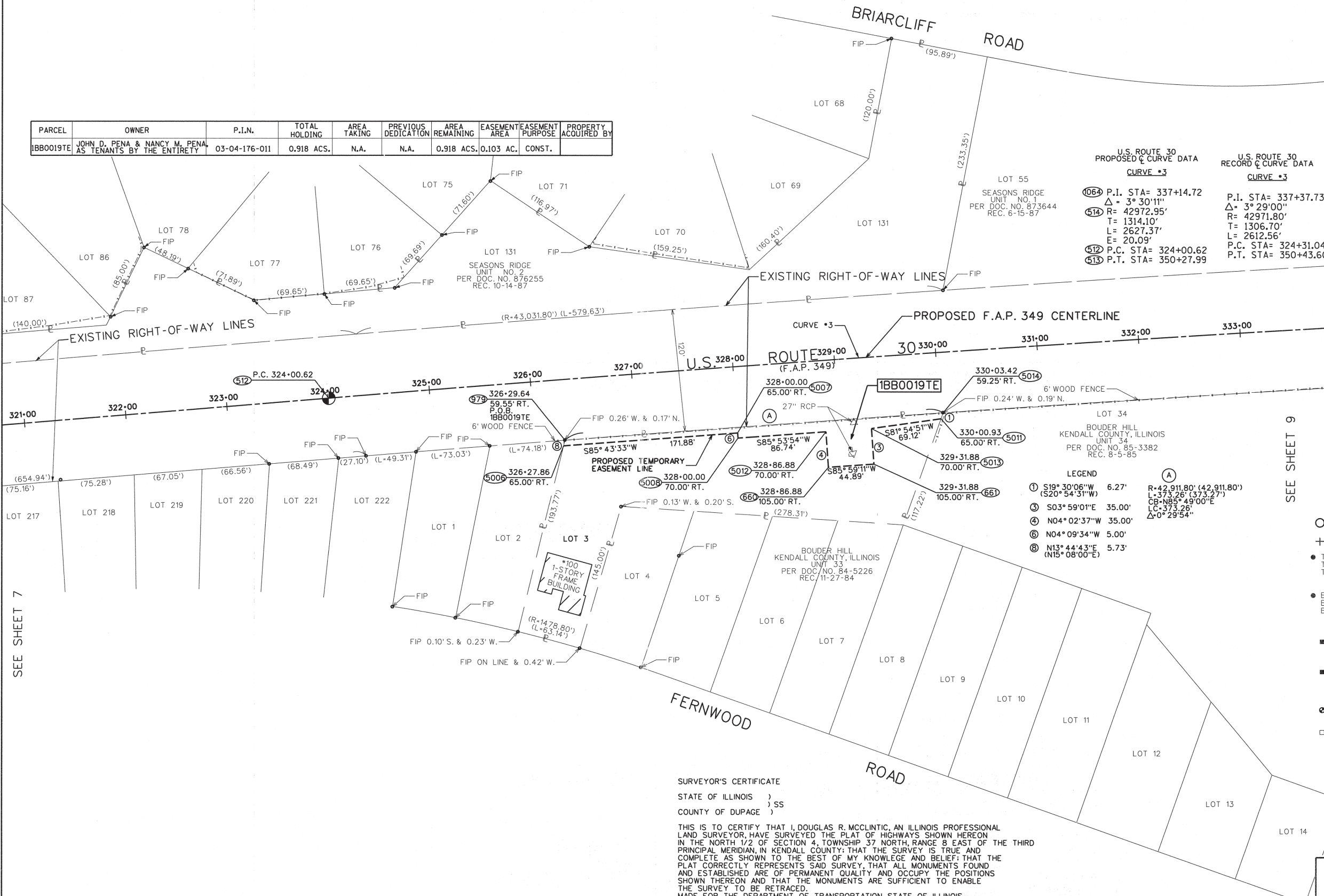


# PART OF THE NORTH 1/2 OF SEC. 4, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



PARCEL	OWNER	P.I.N.	TOTAL HOLDING	AREA TAKING	PREVIOUS DEDICATION	AREA REMAINING	EASEMENT AREA	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
1B0019TE	JOHN D. PENNA & NANCY M. PENNA AS TENANTS BY THE ENTIRETY	03-04-176-011	0.918 ACS.	N.A.	N.A.	0.918 ACS.	0.103 AC.	CONST.	



### LEGEND

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

- BASIS OF BEARINGS:**  
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)
- COORDINATE VALUES**  
PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.
- IRON PIPE OR ROD FOUND
  - MAG NAIL SET
  - CUT CROSS FOUND OR SET
  - 
  - THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET.

- LEGEND**
- ① S19°30'06"W 6.27' (S20°54'31"W)
  - ② S03°59'01"E 35.00'
  - ③ N04°02'37"W 35.00'
  - ④ N04°09'34"W 5.00'
  - ⑤ N13°44'43"E 5.73' (N15°08'00"E)

**SURVEYOR'S CERTIFICATE**  
STATE OF ILLINOIS )  
COUNTY OF DUPAGE ) SS

THIS IS TO CERTIFY THAT I, DOUGLAS R. MCCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE NORTH 1/2 OF SECTION 4, TOWNSHIP 37 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN KENDALL COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.  
MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT OAKBROOK TERRACE, ILLINOIS THIS 28TH DAY OF APRIL, 2010.



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2992  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 652-4600

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

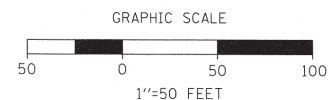
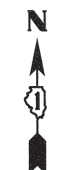
SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: 321+00 TO STATION: 333+00  
SCALE: 1"=50' SHEET 8 OF 25

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

RECEIVED  
JUN 21 2011  
PLATS & LEGALS

REVISION DATE: 06-21-11  
REVISION: REVISED 1B0019TE  
MADE BY:

# PART OF THE NORTH 1/2 OF SEC. 4, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS

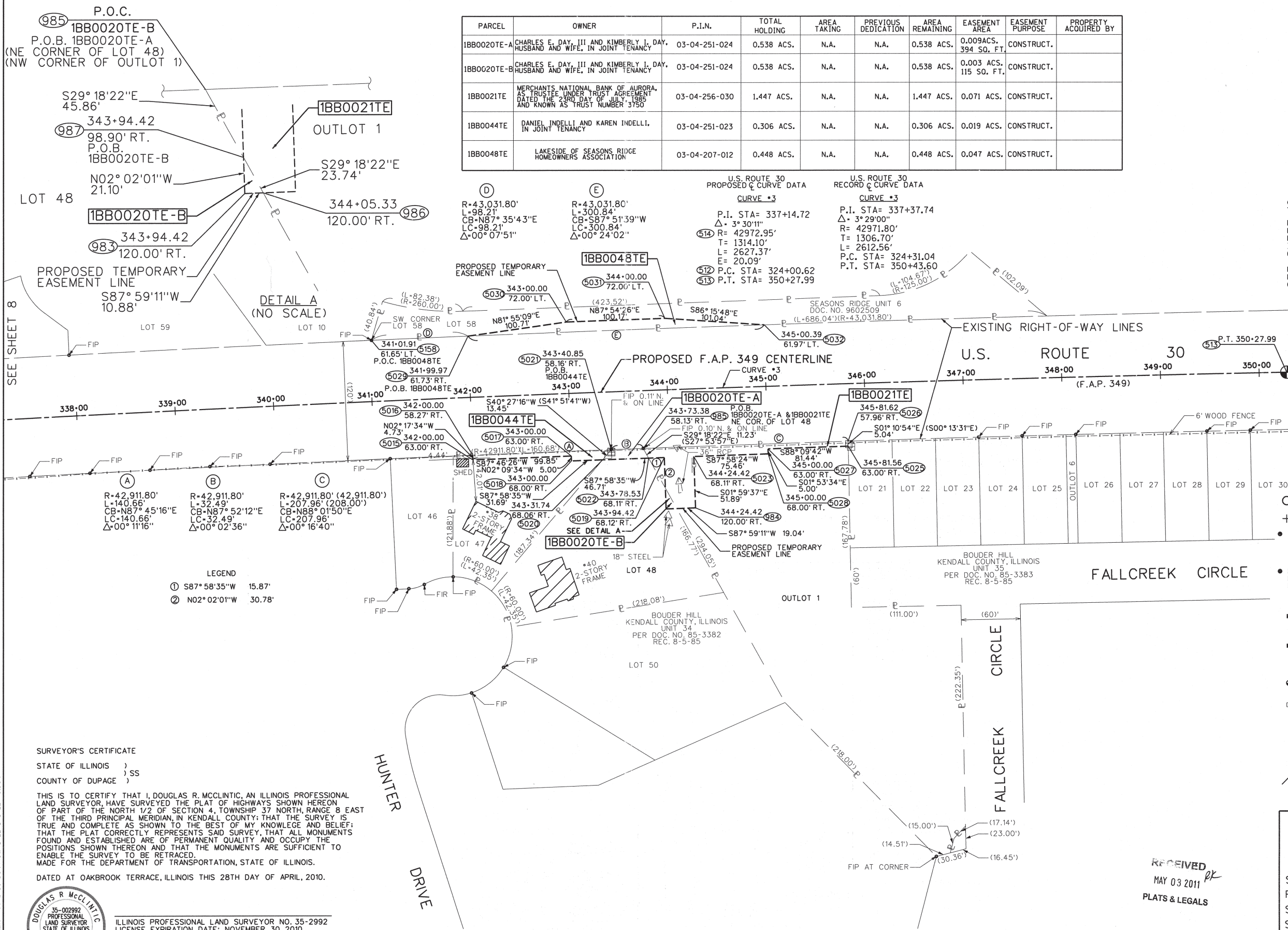


PARCEL	OWNER	P.I.N.	TOTAL HOLDING	AREA TAKING	PREVIOUS DEDICATION	AREA REMAINING	EASEMENT AREA	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
1BB0020TE-A	CHARLES E. DAY, III AND KIMBERLY I. DAY, HUSBAND AND WIFE, IN JOINT TENANCY	03-04-251-024	0.538 ACS.	N.A.	N.A.	0.538 ACS.	0.009ACS. 394 SO. FT.	CONSTRUCT.	
1BB0020TE-B	CHARLES E. DAY, III AND KIMBERLY I. DAY, HUSBAND AND WIFE, IN JOINT TENANCY	03-04-251-024	0.538 ACS.	N.A.	N.A.	0.538 ACS.	0.003 ACS. 115 SO. FT.	CONSTRUCT.	
1BB0021TE	MERCHANTS NATIONAL BANK OF AURORA, AS TRUSTEE UNDER TRUST AGREEMENT DATED THE 23RD DAY OF JULY, 1985 AND KNOWN AS TRUST NUMBER 3750	03-04-256-030	1.447 ACS.	N.A.	N.A.	1.447 ACS.	0.071 ACS.	CONSTRUCT.	
1BB0044TE	DANIEL INDELLI AND KAREN INDELLI, IN JOINT TENANCY	03-04-251-023	0.306 ACS.	N.A.	N.A.	0.306 ACS.	0.019 ACS.	CONSTRUCT.	
1BB0048TE	LAKEVIEW OF SEASONS RIDGE HOMEOWNERS ASSOCIATION	03-04-207-012	0.448 ACS.	N.A.	N.A.	0.448 ACS.	0.047 ACS.	CONSTRUCT.	

## LEGEND

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

- BASIS OF BEARINGS:**  
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)
- COORDINATE VALUES**  
PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.
- IRON PIPE OR ROD FOUND
  - MAG NAIL SET
  - CUT CROSS FOUND OR SET
  -
- T1** THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
  - T2** IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
  - T3** IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1** THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
  - BT2** BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - M** STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - M** STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET.



- LEGEND**
- ① S87° 58' 35" W 15.87'
  - ② N02° 02' 01" W 30.78'

### SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF DUPAGE ) SS

THIS IS TO CERTIFY THAT I, DOUGLAS R. MCCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON OF PART OF THE NORTH 1/2 OF SECTION 4, TOWNSHIP 37 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN KENDALL COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT OAKBROOK TERRACE, ILLINOIS THIS 28TH DAY OF APRIL, 2010.



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2992  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010

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

**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS • SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 652-4600

### PLAT OF HIGHWAYS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

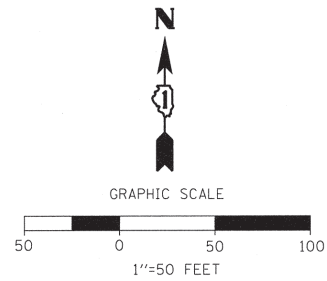
SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: 338+00 TO STATION: 350+00  
SCALE: 1"=50' SHEET 9 OF 20

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

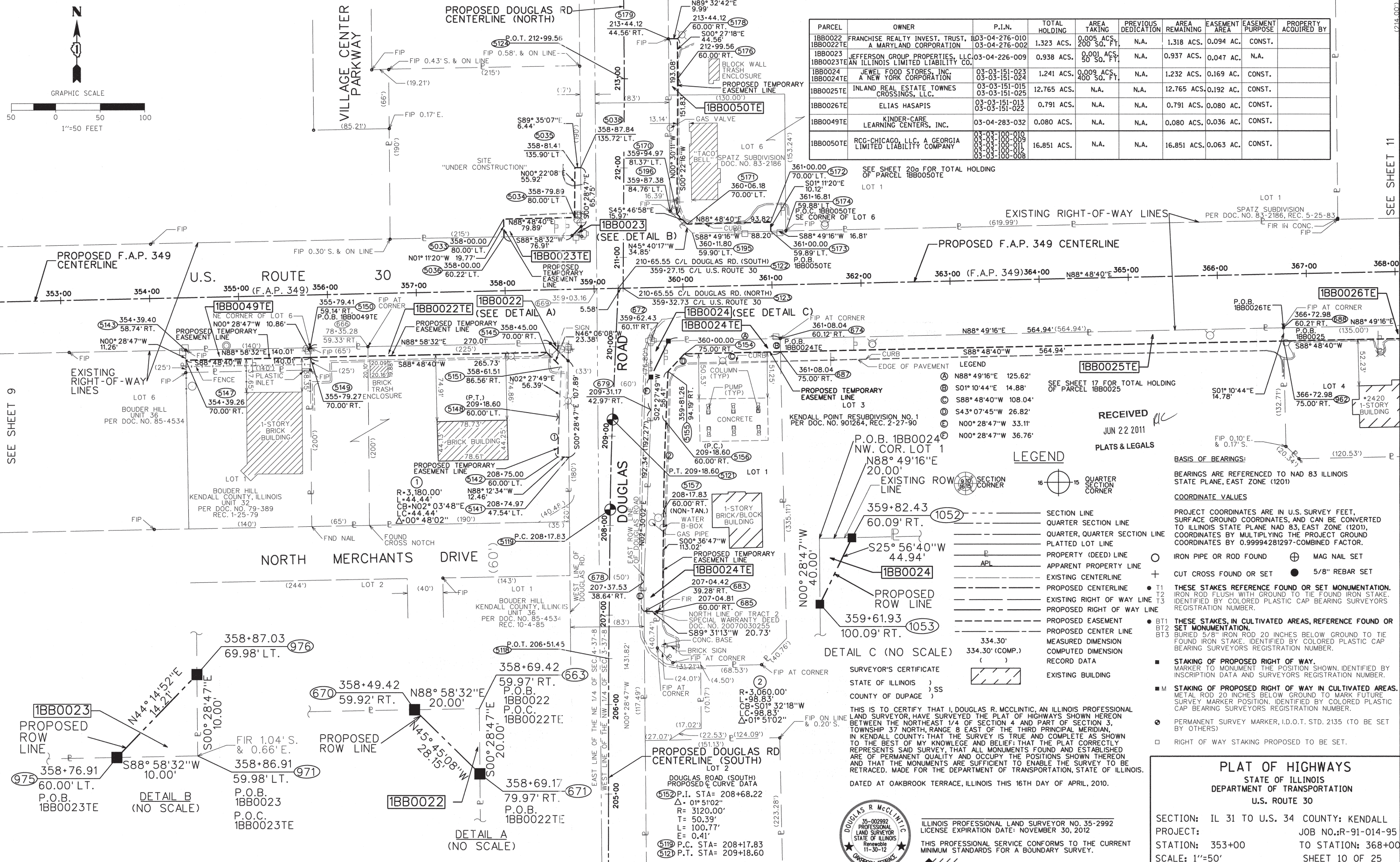
RECEIVED  
MAY 03 2011  
PLATS & LEGALS

H:\E\22\1622.01 ROUTE 30\DRAWING\SHEETS\SHEET 9.DGN

# PART OF THE NE 1/4 OF SEC. 4 & NW 1/4 OF SEC. 3, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



PARCEL	OWNER	P.I.N.	TOTAL HOLDING	AREA TAKING	PREVIOUS DEDICATION	AREA REMAINING	EASEMENT AREA	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
IBB0022 IBB0022TE	FRANCHISE REALTY INVEST. TRUST, A MARYLAND CORPORATION	103-04-276-010 03-04-276-002	1.323 ACS.	0.005 ACS. 200 SQ. FT.	N.A.	1.318 ACS.	0.094 AC.	CONST.	
IBB0023 IBB0023TE	JEFFERSON GROUP PROPERTIES, LLC, AN ILLINOIS LIMITED LIABILITY CO.	03-04-226-009	0.938 ACS.	0.001 ACS. 50 SQ. FT.	N.A.	0.937 ACS.	0.047 AC.	N.A.	
IBB0024 IBB0024TE	JEWEL FOOD STORES, INC. A NEW YORK CORPORATION	03-03-151-023 03-03-151-024	1.241 ACS.	0.009 ACS. 400 SQ. FT.	N.A.	1.232 ACS.	0.169 AC.	CONST.	
IBB0025TE	INLAND REAL ESTATE TOWNES CROSSINGS, LLC.	03-03-151-015 03-03-151-025	12.765 ACS.	N.A.	N.A.	12.765 ACS.	0.192 AC.	CONST.	
IBB0026TE	ELIAS HASAPIS	03-04-283-032	0.791 ACS.	N.A.	N.A.	0.791 ACS.	0.080 AC.	CONST.	
IBB0049TE	KINDER-CARE LEARNING CENTERS, INC.	03-04-283-032	0.080 ACS.	N.A.	N.A.	0.080 ACS.	0.036 AC.	CONST.	
IBB0050TE	RCG-CHICAGO, LLC, A GEORGIA LIMITED LIABILITY COMPANY	03-03-100-010 03-03-100-009 03-03-100-011 03-03-100-012 03-03-100-008	16.851 ACS.	N.A.	N.A.	16.851 ACS.	0.063 AC.	CONST.	



SEE SHEET 20 FOR TOTAL HOLDING OF PARCEL IBB0050TE

SEE SHEET 17 FOR TOTAL HOLDING OF PARCEL IBB0025

**LEGEND**

- Ⓐ N88° 49'16" E 125.62'
- Ⓑ S01° 10'44" E 14.88'
- Ⓒ S88° 48'40" W 108.04'
- Ⓓ S43° 07'45" W 26.82'
- Ⓔ N00° 28'47" W 33.11'
- Ⓕ N00° 28'47" W 36.76'

**LEGEND**



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

**BASIS OF BEARINGS:**  
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

**COORDINATE VALUES**  
PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

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

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

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

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

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

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

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: 353+00 TO STATION: 368+00  
SCALE: 1"=50' SHEET 10 OF 25

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

**DETAIL C (NO SCALE)**

359+82.43  
60.09' RT.  
S25° 56'40" W 44.94'  
100.09' RT.  
359+61.93



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2992  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

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

**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 652-4600  
MADE BY

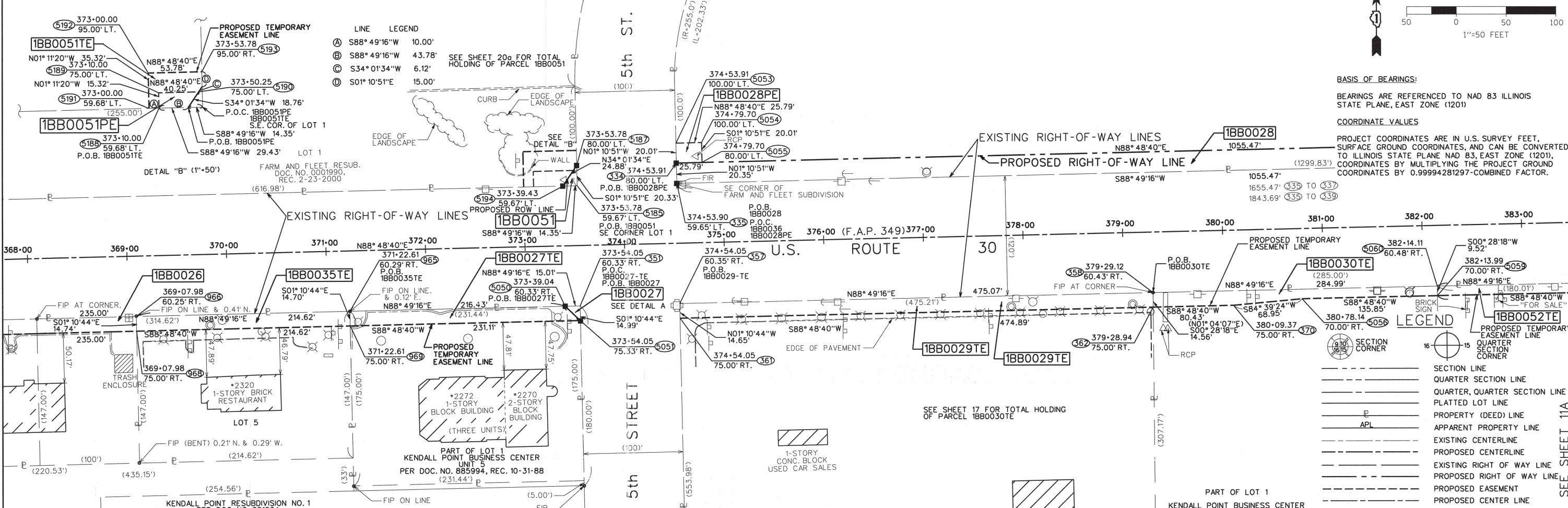
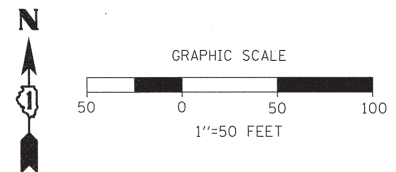
REMOVED BLDGS. FROM IBB0023  
ADDED IBB0051TE  
REVISION: ADDED IBB0049TE  
ADDED IBB0022TE  
REVISED IBB0024TE

05-26-11  
05-02-11  
04-25-11

REVISION DATE: 04-15-11 & 6-21-11

HAVE LEG 22-1622-01 ROUTE 30, DGN ROW, SHEET 15, SHEET 10, DGN

# PART OF SEC. 3, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



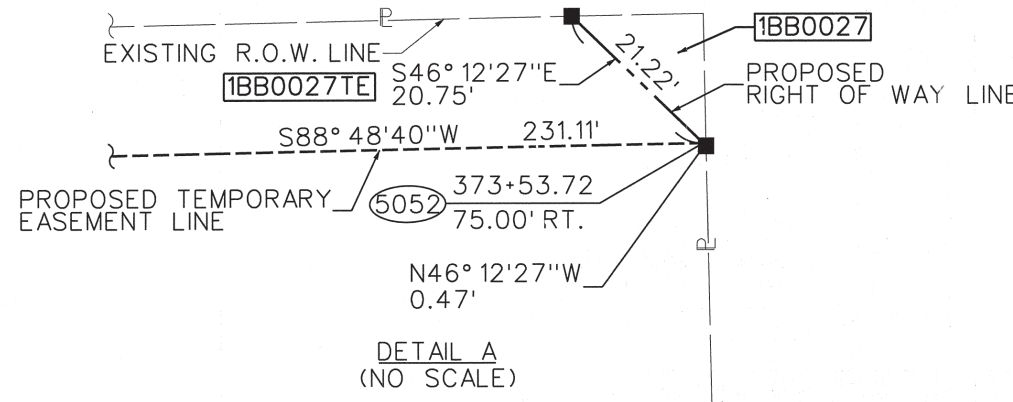
**LINE LEGEND**

Ⓐ	S88° 49'16"W	10.00'
Ⓑ	S88° 49'16"W	43.78'
Ⓒ	S34° 01'34"W	6.12'
Ⓓ	S01° 10'51"E	15.00'

**BASIS OF BEARINGS:**  
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

**COORDINATE VALUES**  
PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

PARCEL	OWNER	P.I.N.	TOTAL HOLDING	AREA TAKING	PREVIOUS DEDICATION	AREA REMAINING	EASEMENT AREA	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
1BB0026TE	ELIAS HASAPIS	03-03-151-013 03-03-151-022	0.791 ACS.	N.A.	N.A.	0.791 ACS.	0.080 AC.	CONST.	
1BB0027 1BB0027TE	LGF Capital, LLC, an Illinois limited liability company	03-03-151-019	0.930 ACS.	0.003 ACS. (113 SQ. FT.)	N.A.	0.927 ACS.	0.075 AC.	CONST.	
1BB0028 1BB0028PE	INLAND-PHILLIPS, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-03-100-022	18.412 ACS.	0.495 ACS.	N.A.	17.917 ACS.	0.012 ACS.	ROADWAY	
1BB0029TE	HENNESSY LAND, LLC	03-03-176-003	6.000 ACS.	N.A.	N.A.	6.000 ACS.	0.159 AC.	CONST.	
1BB0030TE	WILLIAM C. SCHNEIDER	03-03-176-009	2.293 ACS.	N.A.	N.A.	2.293 ACS.	0.076 AC.	CONST.	
1BB0035TE	OLD SECOND NATIONAL BANK	03-03-151-021	0.724 ACS.	N.A.	N.A.	0.724 ACS.	0.073 AC.	CONST.	
1BB0051	FREEMONT FARM & FLEET INC., AN ILLINOIS CORPORATION	03-03-100-017	19.885 ACS.	0.003 ACS. (146 SQ. FT.)	N.A.	19.882 ACS.	0.012 AC. PE= 0.028 AC.	ROADWAY	
1BB0052TE	KOMBUS LLC	03-03-176-011 03-03-176-012	2.276 ACS.	N.A.	N.A.	2.276 ACS.	0.039 AC.	CONST.	



**LEGEND**

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

**SURVEYOR'S CERTIFICATE**  
STATE OF ILLINOIS )  
COUNTY OF DUPAGE )SS

THIS IS TO CERTIFY THAT I, DOUGLAS R. MCCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 3, TOWNSHIP 37 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN KENDALL COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.  
MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT OAKBROOK TERRACE, ILLINOIS THIS 4TH DAY OF MAY, 2010.



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2992  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

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

RECEIVED JUN 28 2011

PLATS & LEGALS

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

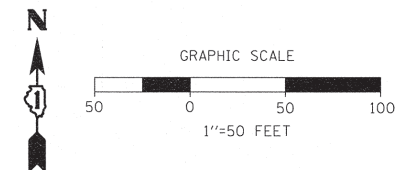
**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 652-4600

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: 368+00 TO STATION: 383+00  
SCALE: 1"=50' SHEET 11 OF 25

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

# PART OF THE NW 1/4 OF SEC. 3, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS

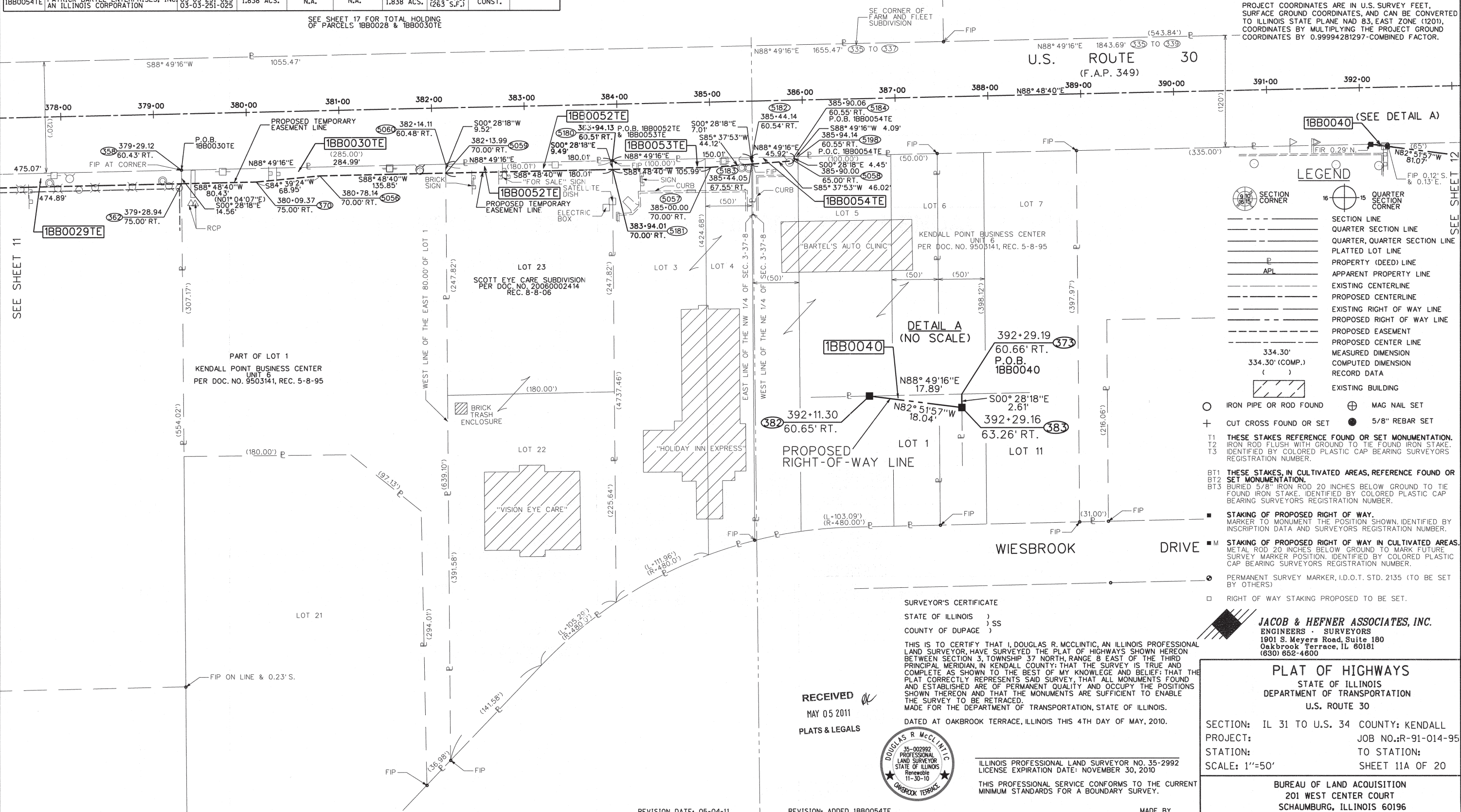


PARCEL	OWNER	P.I.N.	TOTAL HOLDING	AREA TAKING	PREVIOUS DEDICATION	AREA REMAINING	EASEMENT AREA	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
1BB0029TE	HENNESSY LAND, LLC	03-03-176-003	6.000 ACS.	N.A.	N.A.	6.000 ACS.	0.159 AC.	CONST.	
1BB0030TE	WILLIAM C. SCHNEIDER	03-03-176-009	2.293 ACS.	N.A.	N.A.	2.293 ACS.	0.076 AC.	CONST.	
1BB0040	DAVID R. BERGMAN DECLARATION OF TRUST DATED NOVEMBER 5, 1990	03-03-251-027	1.560 ACS.	0.001 ACS. 23 SO. FT.	N.A.	1.559 ACS.	N.A.	N.A.	
1BB0052TE	KOMBUS LLC	03-03-176-011 03-03-176-012	2.276 ACS.	N.A.	N.A.	2.276 ACS.	0.039 AC.	CONST.	
1BB0053TE	KISHOR PATEL	03-03-176-008 03-03-251-022	1.504 ACS.	N.A.	N.A.	1.504 ACS.	0.031 AC.	CONST.	
1BB0054TE	PATRICK BARTEL ENTERPRISES, INC. AN ILLINOIS CORPORATION	03-03-251-023 03-03-251-025	1.838 ACS.	N.A.	N.A.	1.838 ACS.	0.006 AC. (263 S.F.)	CONST.	

SEE SHEET 17 FOR TOTAL HOLDING OF PARCELS 1BB0028 & 1BB0030TE

**BASIS OF BEARINGS:**  
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

**COORDINATE VALUES**  
PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.



**LEGEND**

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

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

**SURVEYOR'S CERTIFICATE**  
STATE OF ILLINOIS )  
COUNTY OF DUPAGE ) SS

THIS IS TO CERTIFY THAT I, DOUGLAS R. MCCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 3, TOWNSHIP 37 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN KENDALL COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.  
MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT OAKBROOK TERRACE, ILLINOIS THIS 4TH DAY OF MAY, 2010.



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-002992  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1801 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 652-4800

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: TO STATION:  
SCALE: 1"=50' SHEET 11A OF 20

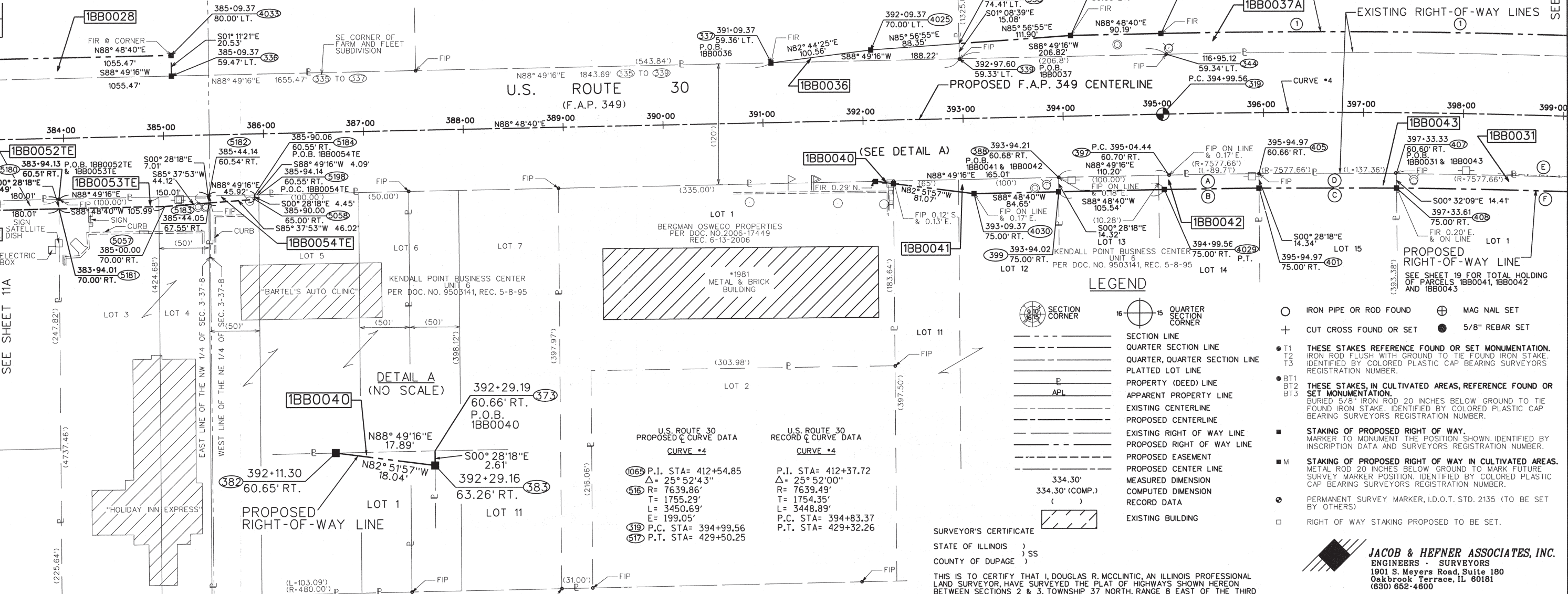
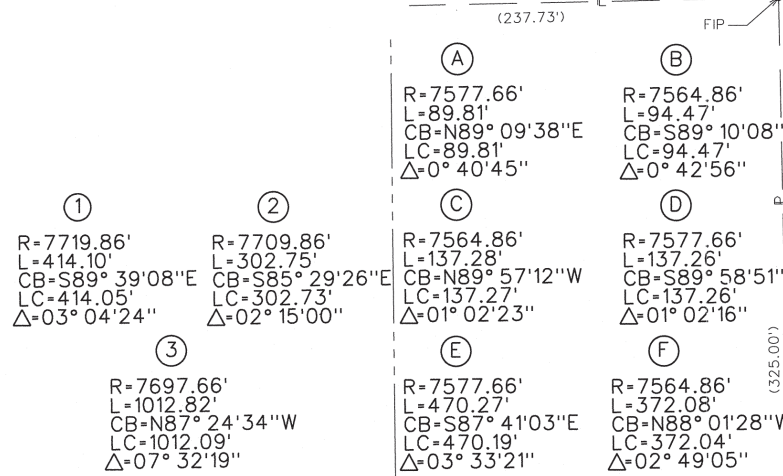
BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

H:\E\622\622.01\ROUTE\_30.DGN\ARROW\SHEETS\BB0052TE.DGN

# PART OF THE NW 1/4 OF SEC. 2 AND PART OF SEC. 3, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



PARCEL	OWNER	P.I.N.	TOTAL HOLDING	AREA TAKING	PREVIOUS DEDICATION	AREA REMAINING	EASEMENT AREA	EASEMENT PURP.	PROPERTY ACQUIRED BY
IBB0028	INLAND-PHILLIPS, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-03-100-022	18.412 ACS.	0.495 ACS.	N.A.	17.917 ACS.	N.A.	N.A.	
IBB0031	KENDALL BRIDGE, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-03-253-005 03-03-253-002	5.454 ACS.	0.140 ACS.	N.A.	5.314 ACS.	N.A.	N.A.	
IBB0036	INLAND-KENDALL, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-03-200-007 03-03-100-023	31.823 ACS.	0.038 ACS.	N.A.	31.785 ACS.	N.A.	N.A.	
IBB0037	INLAND-PHILLIPS, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-03-200-006 03-02-100-005 03-02-100-009	111.046 ACS.	A=0.438 ACS. B=0.386 ACS.	N.A.	110.222 ACS.	N.A.	N.A.	
IBB0040	DAVID R. BERGMAN DECLARATION OF TRUST DATED NOVEMBER 5, 1996	03-03-251-027	1.560 ACS.	0.001 ACS. 23 SQ. FT.	N.A.	1.559 ACS.	N.A.	N.A.	
IBB0041	NAVNEET CHAWLA	03-03-251-020 03-03-251-010	1.505 ACS.	0.043 ACS.	N.A.	1.462 ACS.	N.A.	N.A.	
IBB0042	KENDALL POINT, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-03-251-011 03-03-251-012	1.823 ACS.	0.066 ACS.	N.A.	1.757 ACS.	N.A.	N.A.	
IBB0043	MICHAEL E. SHIPMAN AND MARISA SHIPMAN, HIS WIFE, IN JT. TENANCY	03-03-251-013	1.247 ACS.	0.045 ACS.	N.A.	1.202 ACS.	N.A.	N.A.	
IBB0052TE	KOMBUS LLC	03-03-176-011 03-03-176-012	2.276 ACS.	N.A.	N.A.	2.276 ACS.	0.039 AC.	CONST.	
IBB0053TE	KISHOR PATEL	03-03-176-008 03-03-251-022	1.504 ACS.	N.A.	N.A.	1.504 ACS.	0.031 AC.	CONST.	
IBB0054TE	PATRICK BARTEL ENTERPRISES, INC AN ILLINOIS CORPORATION	03-03-251-023 03-03-251-025	1.838 ACS.	N.A.	N.A.	1.838 ACS.	0.006 AC. (263 S.F.)	CONST.	



**SURVEYOR'S CERTIFICATE**

STATE OF ILLINOIS )  
 COUNTY OF DUPAGE )

THIS IS TO CERTIFY THAT I, DOUGLAS R. MCCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 2 & 3, TOWNSHIP 37 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN IN KENDALL COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT OAKBROOK TERRACE, ILLINOIS THIS 30TH DAY OF MAY, 2010.

**JACOB & HEFNER ASSOCIATES, INC.**  
 ENGINEERS - SURVEYORS  
 1901 S. Meyers Road, Suite 180  
 Oakbrook Terrace, IL 60181  
 (630) 652-4800

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
 PROJECT: JOB NO.: R-91-014-95  
 STATION: 384+00 TO STATION: 399+00  
 SCALE: 1"=50' SHEET 12 OF 20

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

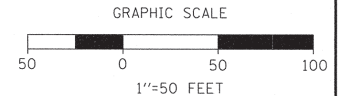
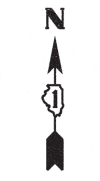
H:\E\22\1622\01 ROUTE 30\DOWN\RW\SHETS\SHEET 12.DGN

# PART OF THE NW 1/4 OF SEC. 2 AND PART OF SEC. 3, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS

**BASIS OF BEARINGS:**  
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

**COORDINATE VALUES**

PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

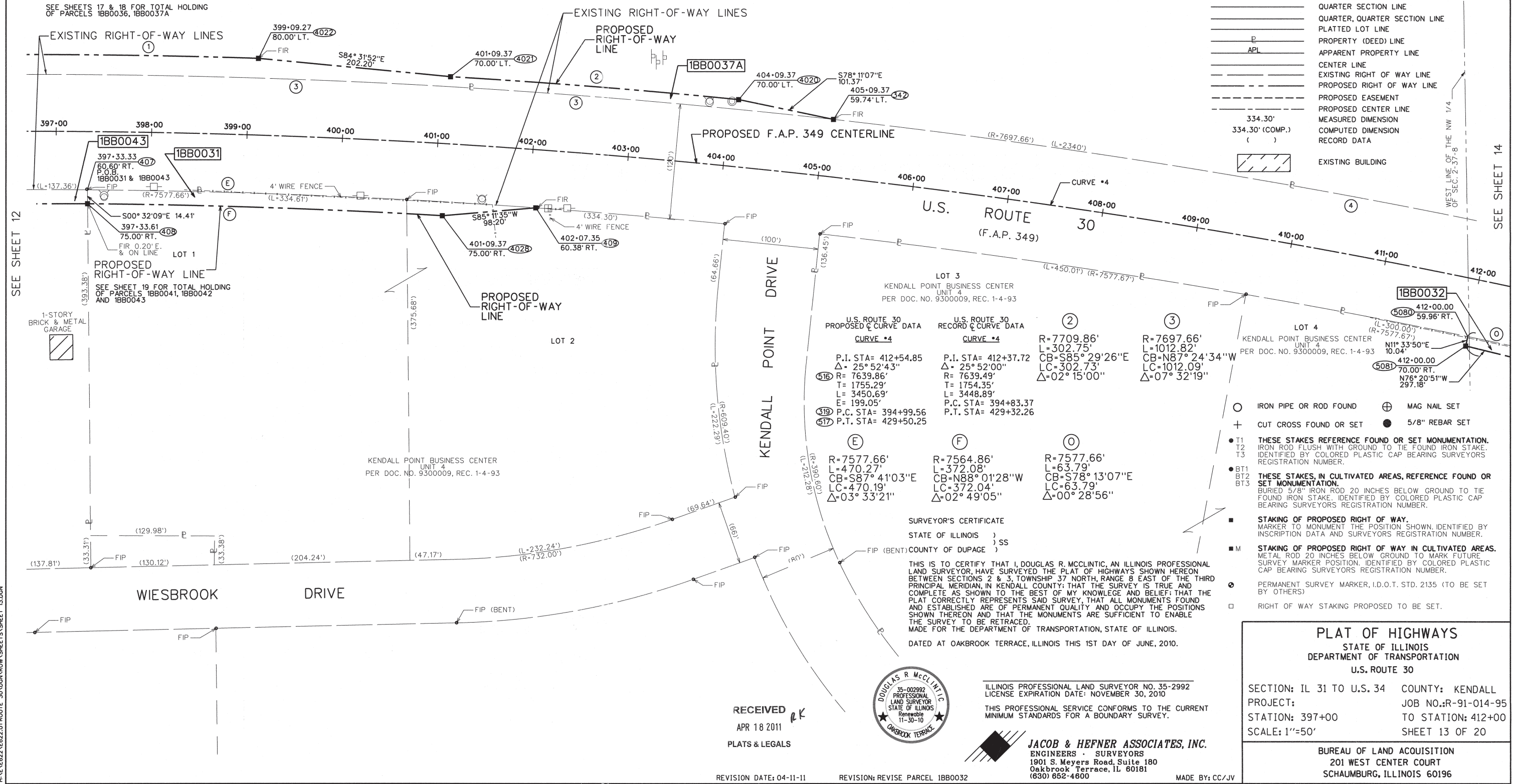


### LEGEND

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

PARCEL	OWNER	P.I.N.	TOTAL HOLDING	AREA TAKING	PREVIOUS DEDICATION	AREA REMAINING	EASEMENT AREA	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
1BB0031	KENDALL BRIDGE, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-03-253-005 03-03-253-002	5.454 ACS.	0.140 ACS.	N.A.	5.314 ACS.	N.A.	N.A.	
1BB0032	KENDALL BRIDGE, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-02-151-018 03-02-151-005 03-03-253-003 03-03-253-004	14.510 ACS.	0.452 ACS.	N.A.	14.058 ACS.	0.037 AC.	CONST.	
1BB0037	INLAND-PHILLIPS, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-03-200-006 03-02-100-005 03-02-100-009	111.046 ACS.	A=0.438 ACS. B=0.386 ACS.	N.A.	110.222 ACS.	N.A.	N.A.	
1BB0043	MICHAEL E. SHIPMAN AND MARISA SHIPMAN, HIS WIFE, IN JT. TENANCY	03-03-251-013	1.247 ACS.	0.045 ACS.	N.A.	1.202 ACS.	N.A.	N.A.	

SEE SHEETS 17 & 18 FOR TOTAL HOLDING OF PARCELS 1BB0036, 1BB0037A



U.S. ROUTE 30 PROPOSED CURVE DATA	U.S. ROUTE 30 RECORD CURVE DATA	②	③
<b>CURVE #4</b>	<b>CURVE #4</b>		
P.I. STA= 412+54.85	P.I. STA= 412+37.72	R=7709.86'	R=7697.66'
Δ= 25° 52' 43"	Δ= 25° 52' 00"	L=302.75'	L=1012.82'
R= 7639.86'	R= 7639.49'	CB=S85° 29' 26"E	CB=N87° 24' 34"W
T= 1755.29'	T= 1754.35'	LC=302.73'	LC=1012.09'
L= 3450.69'	L= 3448.89'	Δ=02° 15' 00"	Δ=07° 32' 19"
E= 199.05'	E= 199.05'		
P.C. STA= 394+99.56	P.C. STA= 394+83.37		
P.T. STA= 429+50.25	P.T. STA= 429+32.26		
		<b>④</b>	
		R=7577.66'	R=7577.66'
		L=470.27'	L=63.79'
		CB=S87° 41' 03"E	CB=S78° 13' 07"E
		LC=470.19'	LC=372.04'
		Δ=03° 33' 21"	Δ=00° 28' 56"

**SURVEYOR'S CERTIFICATE**  
STATE OF ILLINOIS )  
( ) SS  
COUNTY OF DUPAGE )

THIS IS TO CERTIFY THAT I, DOUGLAS R. MCCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 2 & 3, TOWNSHIP 37 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN KENDALL COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.  
MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT OAKBROOK TERRACE, ILLINOIS THIS 1ST DAY OF JUNE, 2010.



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2992  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 682-4800

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

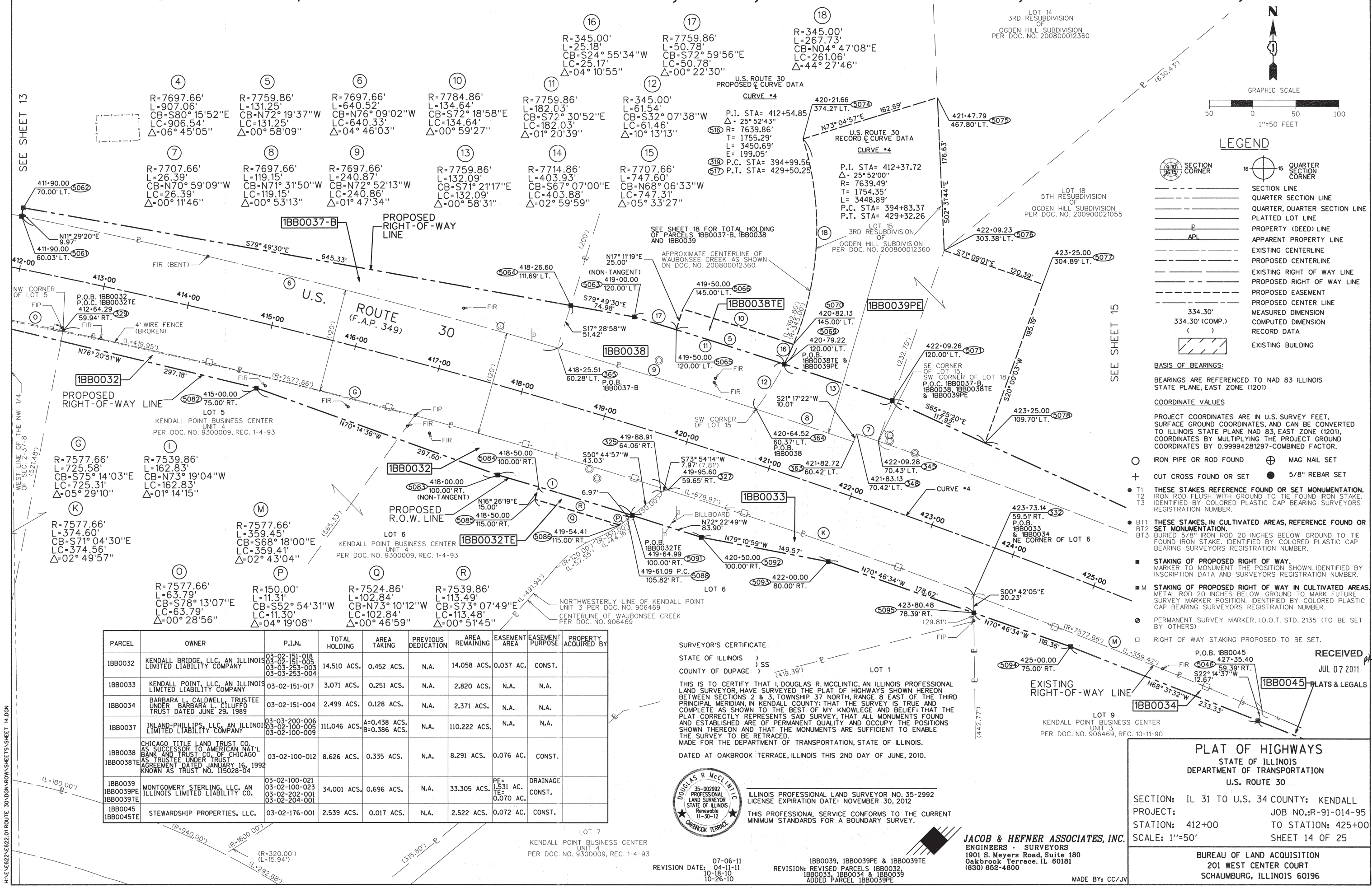
SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: 397+00 TO STATION: 412+00  
SCALE: 1"=50' SHEET 13 OF 20

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

RECEIVED  
APR 18 2011  
PLATS & LEGALS

H:\NEB22\1622.01 ROUTE 30\DRAWINGS\SHEETS\SHEET 13.DGN

# PART OF THE NW 1/4 OF SEC. 2 AND PART OF SEC. 3, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



- ④ R=7697.66'  
L=907.06'  
CB=S80°15'52"E  
LC=906.54'  
Δ=06°45'05"
- ⑤ R=7759.86'  
L=131.25'  
CB=N72°19'37"W  
LC=131.25'  
Δ=00°58'09"
- ⑥ R=7697.66'  
L=640.52'  
CB=N76°09'02"W  
LC=640.33'  
Δ=04°46'03"
- ⑩ R=7784.86'  
L=134.64'  
CB=S72°18'58"E  
LC=134.64'  
Δ=00°59'27"
- ⑪ R=7759.86'  
L=182.03'  
CB=S72°30'52"E  
LC=182.03'  
Δ=01°20'39"
- ⑫ R=345.00'  
L=61.54'  
CB=S32°07'38"W  
LC=61.46'  
Δ=10°13'13"
- ⑬ R=7759.86'  
L=132.09'  
CB=S71°21'17"E  
LC=132.09'  
Δ=00°58'31"
- ⑭ R=7714.86'  
L=403.93'  
CB=S67°07'00"E  
LC=403.88'  
Δ=02°59'59"
- ⑮ R=7707.66'  
L=747.60'  
CB=N68°06'33"W  
LC=747.31'  
Δ=05°33'27"

- ⑦ R=7707.66'  
L=26.39'  
CB=N70°59'09"W  
LC=26.39'  
Δ=00°11'46"
- ⑧ R=7697.66'  
L=240.87'  
CB=N71°31'50"W  
LC=240.86'  
Δ=00°53'13"
- ⑨ R=7697.66'  
L=240.87'  
CB=N72°52'13"W  
LC=240.86'  
Δ=01°47'34"
- ⑬ R=7759.86'  
L=132.09'  
CB=S71°21'17"E  
LC=132.09'  
Δ=00°58'31"
- ⑭ R=7714.86'  
L=403.93'  
CB=S67°07'00"E  
LC=403.88'  
Δ=02°59'59"
- ⑮ R=7707.66'  
L=747.60'  
CB=N68°06'33"W  
LC=747.31'  
Δ=05°33'27"
- ① R=7577.66'  
L=725.58'  
CB=S75°14'03"E  
LC=725.31'  
Δ=05°29'10"
- ② R=7539.86'  
L=162.83'  
CB=N73°19'04"W  
LC=162.83'  
Δ=01°14'15"
- ③ R=7577.66'  
L=374.60'  
CB=S71°04'30"E  
LC=374.56'  
Δ=02°49'57"
- ④ R=7577.66'  
L=359.45'  
CB=S68°18'00"E  
LC=359.41'  
Δ=02°43'04"
- ⑤ R=7577.66'  
L=63.79'  
CB=S78°13'07"E  
LC=63.79'  
Δ=00°28'56"
- ⑥ R=150.00'  
L=11.31'  
CB=S52°54'31"W  
LC=11.30'  
Δ=04°19'08"
- ⑦ R=7524.86'  
L=102.84'  
CB=N73°10'12"W  
LC=102.84'  
Δ=00°46'59"
- ⑧ R=7539.86'  
L=113.49'  
CB=S73°07'49"E  
LC=113.48'  
Δ=00°51'45"

PARCEL	OWNER	P.I.N.	TOTAL HOLDING	AREA TAKING	PREVIOUS DEDICATION	AREA REMAINING	EASEMENT AREA	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
IBB0032	KENDALL BRIDGE, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-02-151-018 03-02-151-005 03-03-253-003 03-03-253-004	14,510 ACS.	0.452 ACS.	N.A.	14,058 ACS.	0.037 AC.	CONST.	
IBB0033	KENDALL POINT, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-02-151-017	3,071 ACS.	0.251 ACS.	N.A.	2,820 ACS.	N.A.	N.A.	
IBB0034	BARBARA L. CALDWELL TRUSTEE UNDER BARBARA L. CILUFFO TRUST DATED JUNE 29, 1989	03-02-151-004	2,499 ACS.	0.128 ACS.	N.A.	2,371 ACS.	N.A.	N.A.	
IBB0037	INLAND-PHILLIPS, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-03-200-006 03-02-100-005 03-02-100-009	111,046 ACS.	A=0.438 ACS. B=0.386 ACS.	N.A.	110,222 ACS.	N.A.	N.A.	
IBB0038 IBB0038TE	CHICAGO TITLE LAND TRUST CO. AS SUCCESSOR TO AMERICAN NAT'L BANK AND TRUST CO. OF CHICAGO AS TRUSTEE UNDER TRUST AGREEMENT DATED JANUARY 16, 1992 KNOWN AS TRUST NO. 115028-04	03-02-100-012	8,626 ACS.	0.335 ACS.	N.A.	8,291 ACS.	0.076 AC.	CONST.	
IBB0039 IBB0039PE IBB0039TE	MONTGOMERY STERLING, LLC, AN ILLINOIS LIMITED LIABILITY CO.	03-02-100-021 03-02-100-023 03-02-202-001 03-02-204-001	34,001 ACS.	0.696 ACS.	N.A.	33,305 ACS.	PE=1.531 AC. E=0.070 AC.	DRAINAGE CONST.	
IBB0045 IBB0045TE	STEWARDSHIP PROPERTIES, LLC.	03-02-176-001	2,539 ACS.	0.017 ACS.	N.A.	2,522 ACS.	0.072 AC.	CONST.	

**SURVEYOR'S CERTIFICATE**  
STATE OF ILLINOIS )  
COUNTY OF DUPAGE ) SS

THIS IS TO CERTIFY THAT I, DOUGLAS R. MCCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 2 & 3, TOWNSHIP 37 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN KENDALL COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.  
MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT OAKBROOK TERRACE, ILLINOIS THIS 2ND DAY OF JUNE, 2010.



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2992  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(830) 652-4600  
MADE BY: CC/JV

**RECEIVED**  
JUL 07 2011  
PLATS & LEGALS

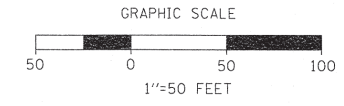
**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: 412+00 TO STATION: 425+00  
SCALE: 1"=50' SHEET 14 OF 25

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



# PART OF THE NW 1/4 OF SEC. 2 AND PART OF SEC. 3, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



SEE SHEETS 18 & 19 FOR TOTAL HOLDING OF PARCELS 1BB0032, 1BB0033, 1BB0034, 1BB0038 AND 1BB0039

### LEGEND

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

### BASIS OF BEARINGS:

BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

### COORDINATE VALUES

PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

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

U.S. ROUTE 30 PROPOSED CURVE DATA	U.S. ROUTE 30 RECORD CURVE DATA
<b>CURVE #4</b>	<b>CURVE #4</b>
P.I. STA= 412+54.85	P.I. STA= 412+37.72
Δ= 25° 52' 43"	Δ= 25° 52' 00"
R= 7639.86'	R= 7639.49'
T= 1755.29'	T= 1754.35'
L= 3450.69'	L= 3448.89'
E= 199.05'	P.C. STA= 394+83.37
P.C. STA= 394+99.56	P.T. STA= 429+32.26
P.T. STA= 429+50.25	

PARCEL	OWNER	P.I.N.	TOTAL HOLDING	AREA TAKING	PREVIOUS DEDICATION	AREA REMAINING	EASEMENT AREA	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
1BB0033	KENDALL POINT, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-02-151-017	3.071 ACS.	0.251 ACS.	N.A.	2.820 ACS.	N.A.	N.A.	
1BB0034	BARBARA L. CALDWELL, TRUSTEE UNDER BARBARA L. CILUFFO TRUST DATED JUNE 29, 1989	03-02-151-004	2.499 ACS.	0.128 ACS.	N.A.	2.371 ACS.	N.A.	N.A.	
1BB0038 1BB0038TE 1BB0039PE	CHICAGO TITLE LAND TRUST CO. AS SUCCESSOR TO AMERICAN NAT'L BANK AND TRUST CO. OF CHICAGO AS TRUSTEE UNDER TRUST AGREEMENT DATED JANUARY 16, 1992 KNOWN AS TRUST NO. 115028-04	03-02-100-012	8.626 ACS.	0.335 ACS.	N.A.	8.291 ACS.	0.076 AC.	CONST.	
1BB0039 1BB0039PE 1BB0039TE	MONTGOMERY STERLING, LLC, AN ILLINOIS LIMITED LIABILITY CO.	03-02-100-021 03-02-100-023 03-02-202-001 03-02-204-001	34.001 ACS.	0.696 ACS.	N.A.	33.305 ACS.	PE= 1.31 AC. TE= 0.070 AC.	DRAINAGE CONST.	
1BB0045 1BB0045TE	STEWARDSHIP PROPERTIES, LLC.	03-02-176-001	2.539 ACS.	0.017 ACS.	N.A.	2.522 ACS.	0.072 AC.	CONST.	
1BB0055TE	JDON, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-02-176-003	3.212 ACS.	N.A.	N.A.	3.212 ACS.	0.005 AC. (234 S.F.)	CONST.	

**S**  
R=7577.66'  
L=64.10'  
CB=S66° 41'55"E  
LC=64.10'  
Δ=00° 29'05"

**T**  
R=7569.86'  
L=148.86'  
CB=N65° 52'25"W  
LC=148.85'  
Δ=01° 07'36"

**U**  
R=7577.66'  
L=148.91'  
CB=S65° 53'36"E  
LC=148.91'  
Δ=01° 07'33"

**SURVEYOR'S CERTIFICATE**  
STATE OF ILLINOIS )  
COUNTY OF DUPAGE )

THIS IS TO CERTIFY THAT I, DOUGLAS R. MCCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 2 & 3, TOWNSHIP 37 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN KENDALL COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.  
MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT OAKBROOK TERRACE, ILLINOIS THIS 2ND DAY OF JUNE, 2010.



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2992  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 652-4800

RECEIVED  
JUL 07 2011  
PLATS & LEGALS

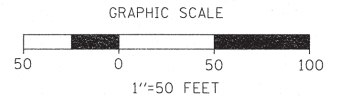
**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO R-91-014-95  
STATION: 421+00 TO STA. 433+00  
SCALE: 1"=50' SHEET 15 OF 25

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

H:\NE\22\622.01 ROUTE 30\DRAWINGS\SHEETS\SHEET 15.DGN

# PART OF THE NW 1/4 OF SEC. 2 AND PART OF SEC. 3, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



## LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
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- EXISTING CENTERLINE
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- PROPOSED EASEMENT
- PROPOSED CENTER LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

### BASIS OF BEARINGS:

BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

### COORDINATE VALUES

PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

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

SURVEYOR'S CERTIFICATE  
STATE OF ILLINOIS )  
COUNTY OF DUPAGE ) SS

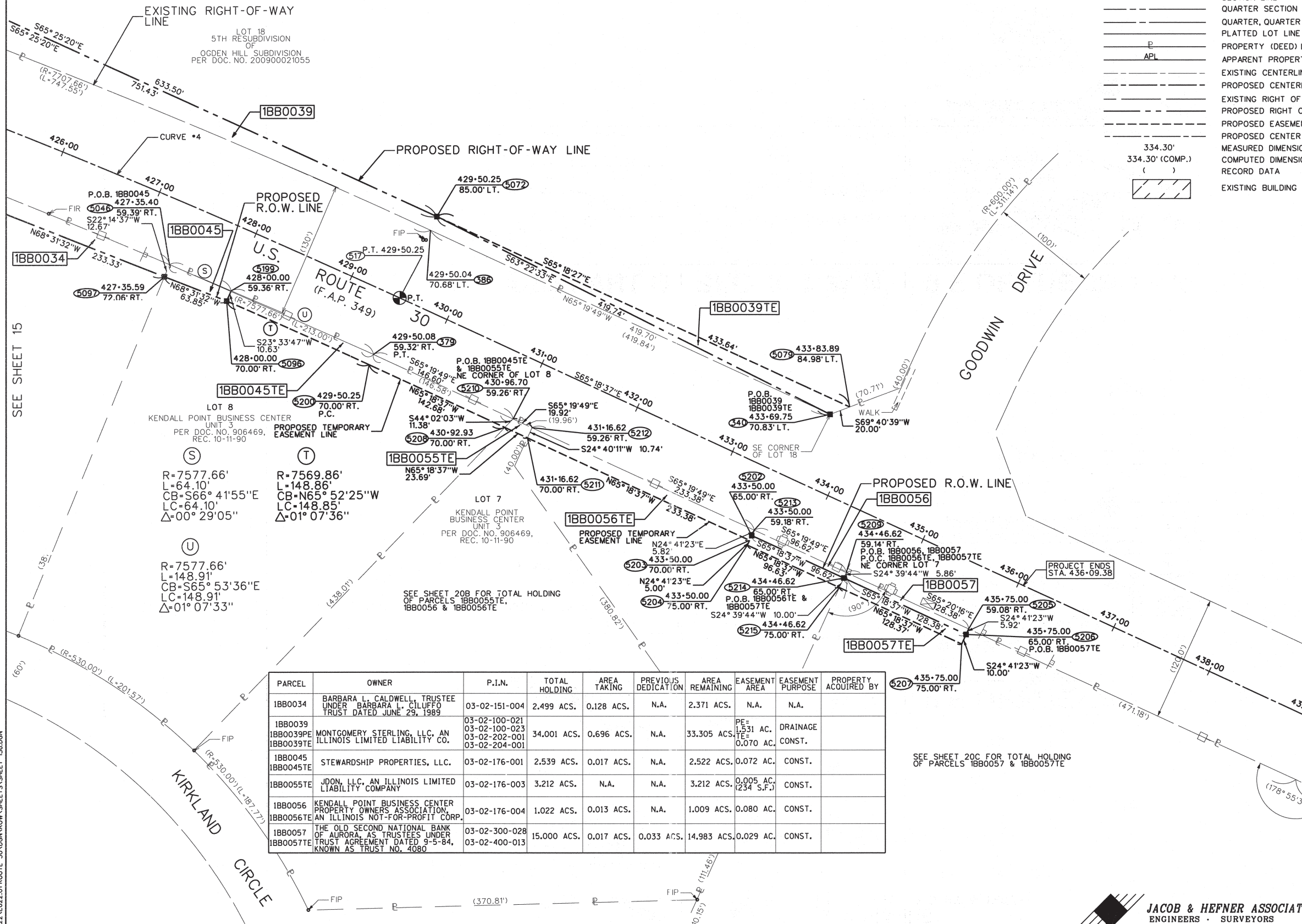
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MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT OAKBROOK TERRACE, ILLINOIS THIS 2ND DAY OF JUNE, 2010.



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2992  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED  
JUL 07 2011  
PLATS & LEGALS

PARCEL	OWNER	P.I.N.	TOTAL HOLDING	AREA TAKING	PREVIOUS DEDICATION	AREA REMAINING	EASEMENT AREA	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
IBB0034	BARBARA L. CALDWELL TRUSTEE UNDER BARBARA L. CALDWELL TRUST DATED JUNE 29, 1989	03-02-151-004	2.499 ACS.	0.128 ACS.	N.A.	2.371 ACS.	N.A.	N.A.	
IBB0039 IBB0039PE IBB0039TE	MONTGOMERY STERLING, LLC, AN ILLINOIS LIMITED LIABILITY CO.	03-02-100-021 03-02-100-023 03-02-202-001 03-02-204-001	34.001 ACS.	0.696 ACS.	N.A.	33.305 ACS.	PE=1.531 AC. TE=0.070 AC.	DRAINAGE CONST.	
IBB0045 IBB0045TE	STEWARDSHIP PROPERTIES, LLC.	03-02-176-001	2.539 ACS.	0.017 ACS.	N.A.	2.522 ACS.	0.072 AC.	CONST.	
IBB0055TE	JDON, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	03-02-176-003	3.212 ACS.	N.A.	N.A.	3.212 ACS.	0.005 AC. (234 S.F.)	CONST.	
IBB0056 IBB0056TE	KENDALL POINT BUSINESS CENTER PROPERTY OWNERS ASSOCIATION, AN ILLINOIS NOT-FOR-PROFIT CORP.	03-02-176-004	1.022 ACS.	0.013 ACS.	N.A.	1.009 ACS.	0.080 AC.	CONST.	
IBB0057 IBB0057TE	THE OLD SECOND NATIONAL BANK OF AURORA, AS TRUSTEES UNDER TRUST AGREEMENT DATED 9-5-84, KNOWN AS TRUST NO. 4080	03-02-300-028 03-02-400-013	15.000 ACS.	0.017 ACS.	0.033 ACS.	14.983 ACS.	0.029 AC.	CONST.	



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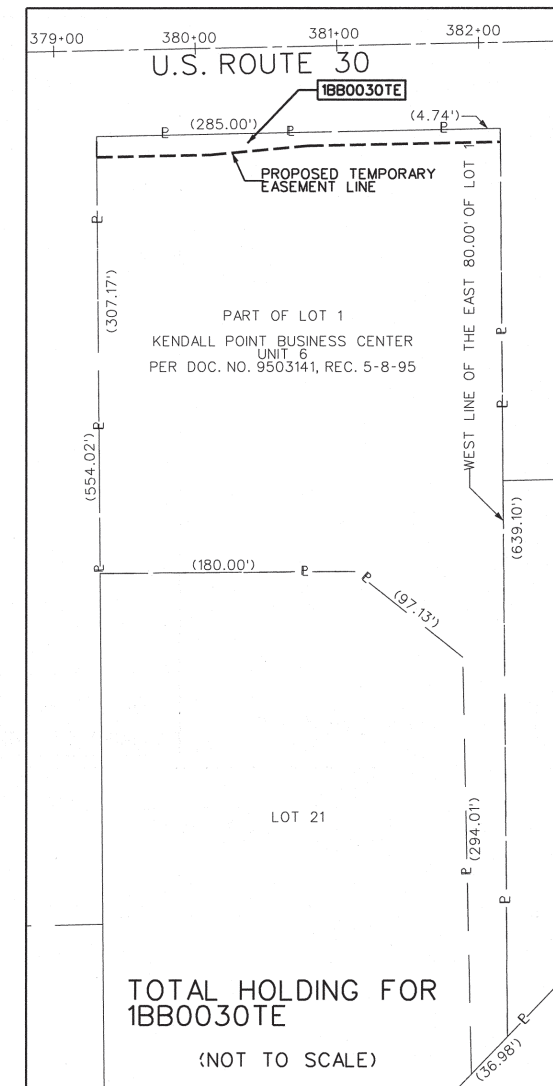
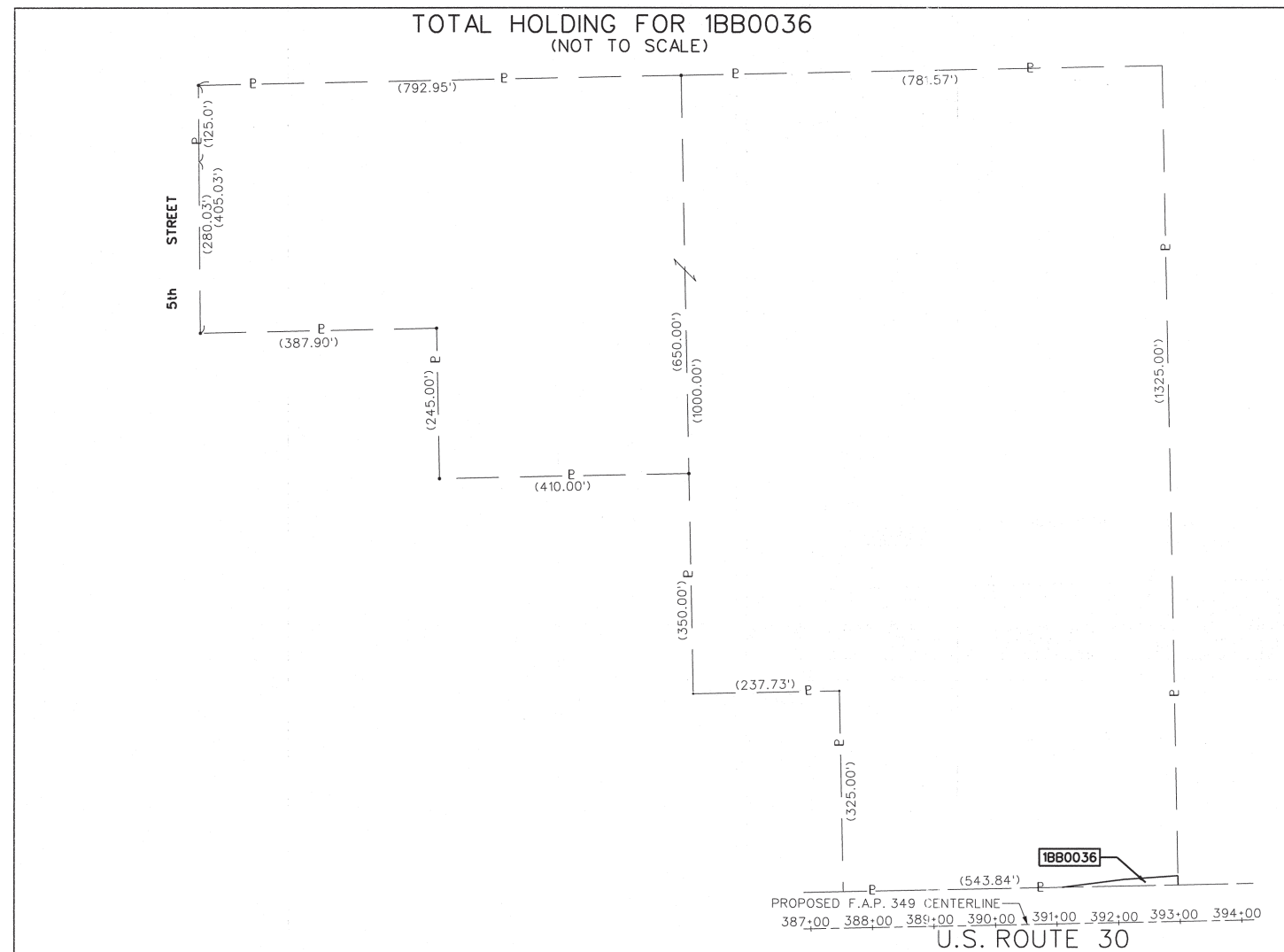
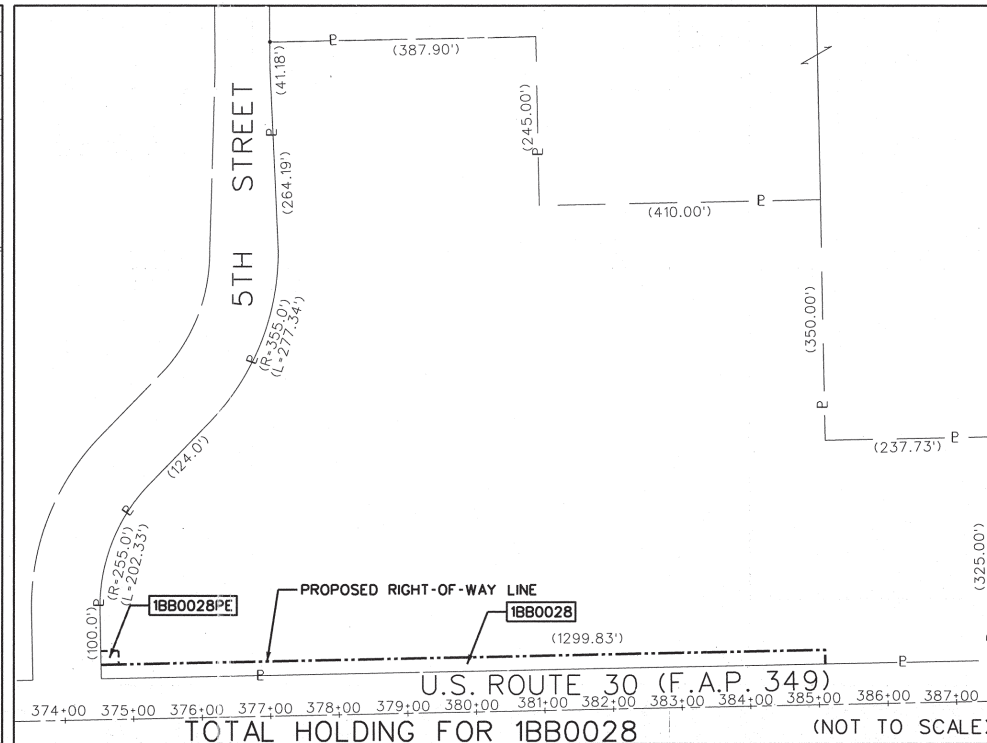
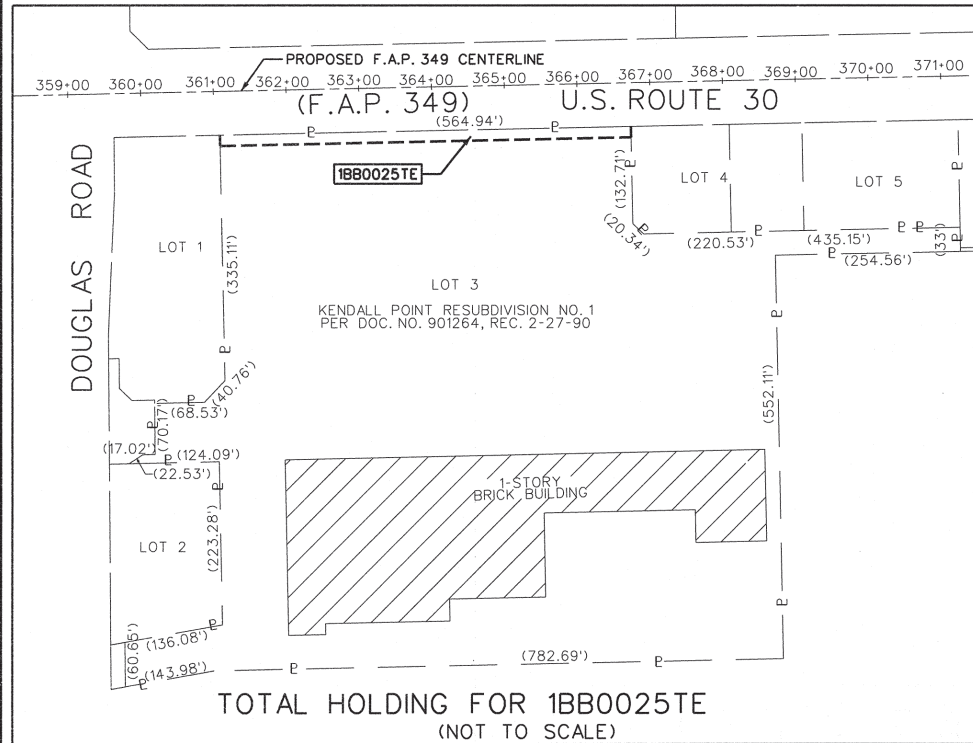
**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 652-4800

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO R-91-014-95  
STATION: 426+00 TO STA. 436+00  
SCALE: 1"=50' SHEET 15A OF 25

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

# PART OF SEC. 2 & 3, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



**LEGEND**

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

334.30'  
334.30' (COMP.)  
( )

**BASIS OF BEARINGS:**  
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

**COORDINATE VALUES**  
PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

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

RECEIVED  
JUN 02 2011  
PLATS & LEGALS

**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
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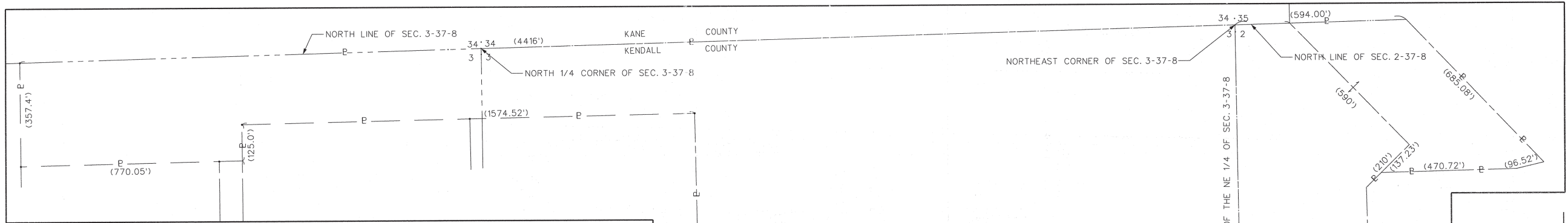
**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: TO STATION  
SCALE: NOT TO SCALE SHEET 17 OF 25

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

H:\E\622\622.01 ROUTE 30\DRAWINGS\SHEETS\SHEET 17.DGN

# PART OF SEC. 2 & 3, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



## LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
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- QUARTER, QUARTER SECTION LINE
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- PROPOSED CENTER LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

**BASIS OF BEARINGS:**  
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

**COORDINATE VALUES**  
PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

- IRON PIPE OR ROD FOUND
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- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1** THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2** IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
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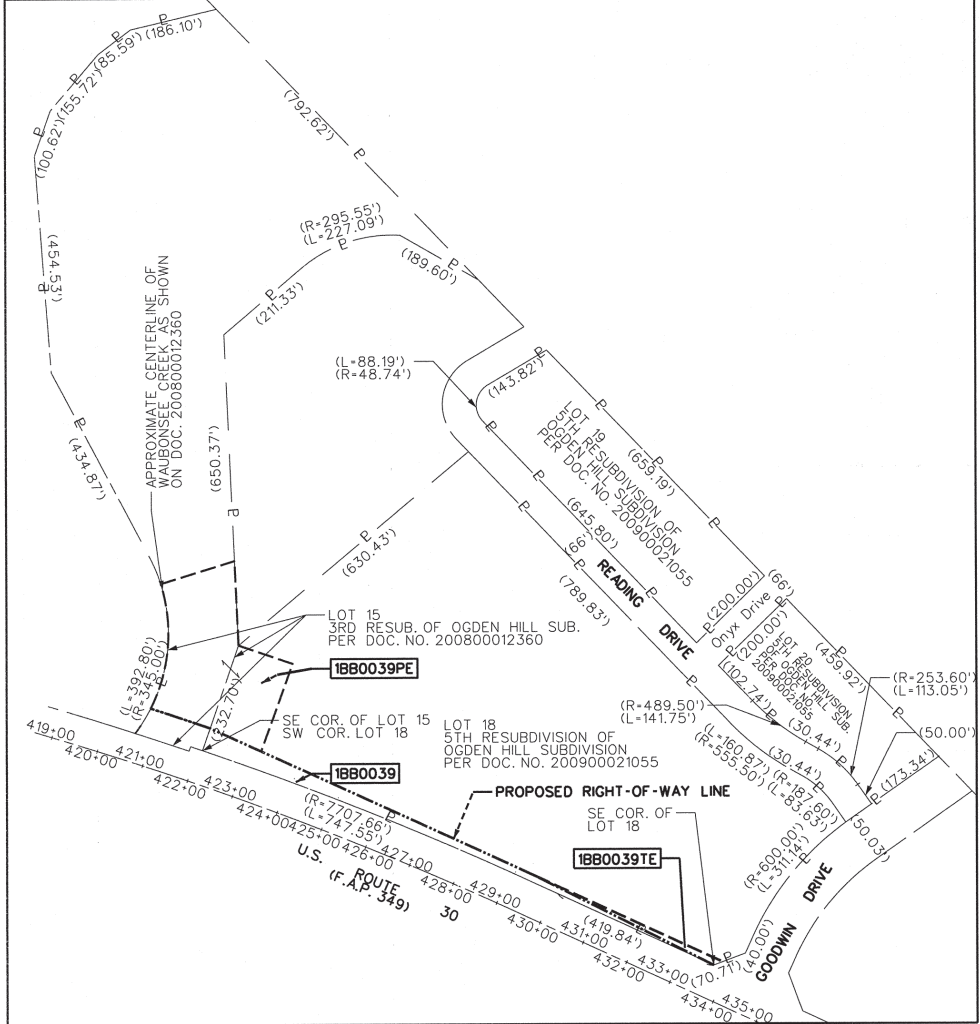
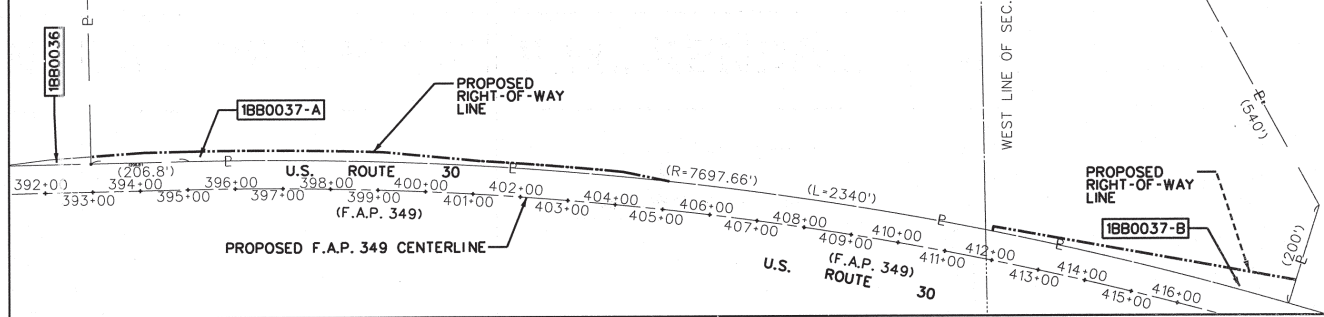
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**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

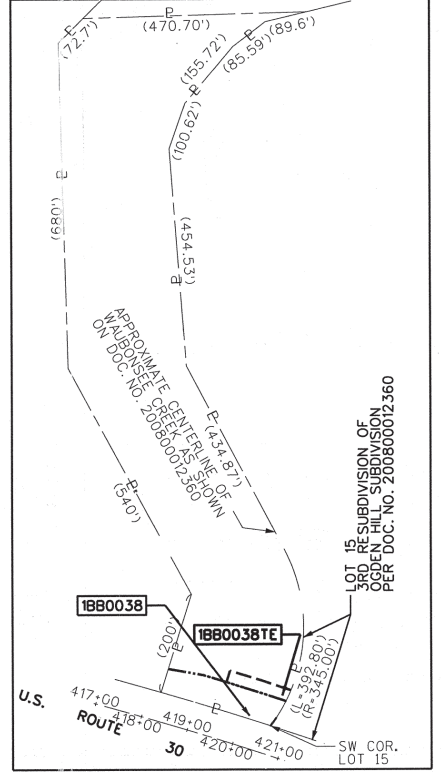
SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: TO STATION  
SCALE: NOT TO SCALE SHEET 18 OF 25

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

TOTAL HOLDING FOR 1BB0037-A & 1BB0037-B  
(NOT TO SCALE)



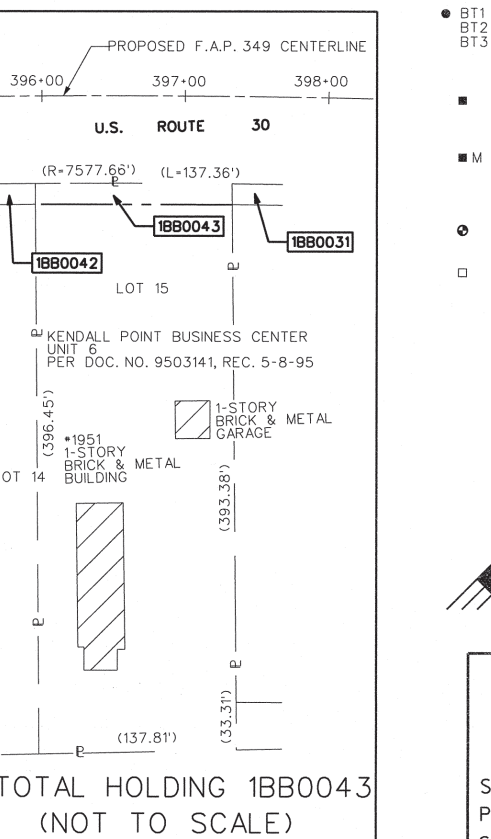
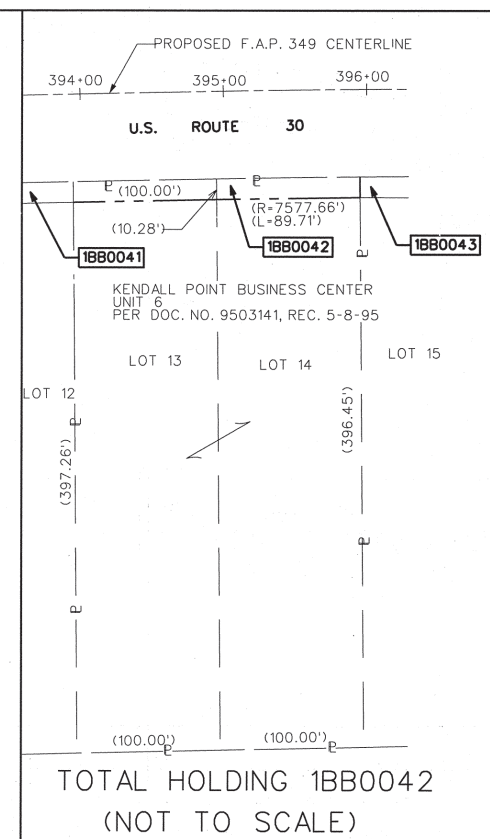
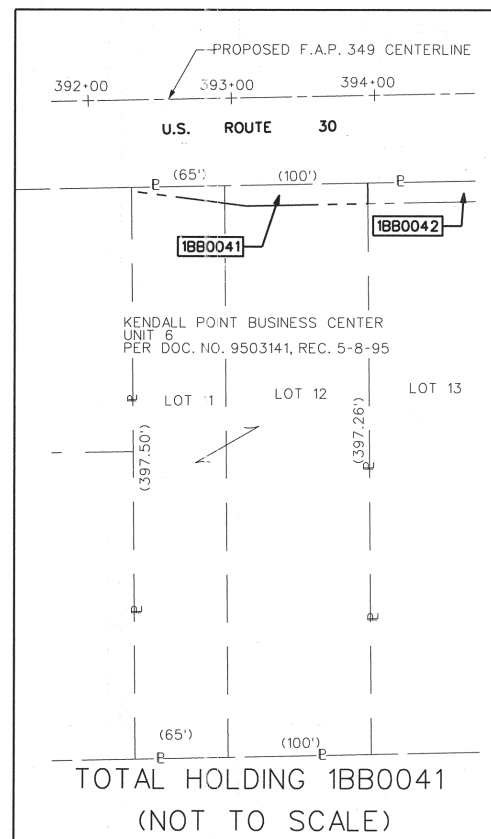
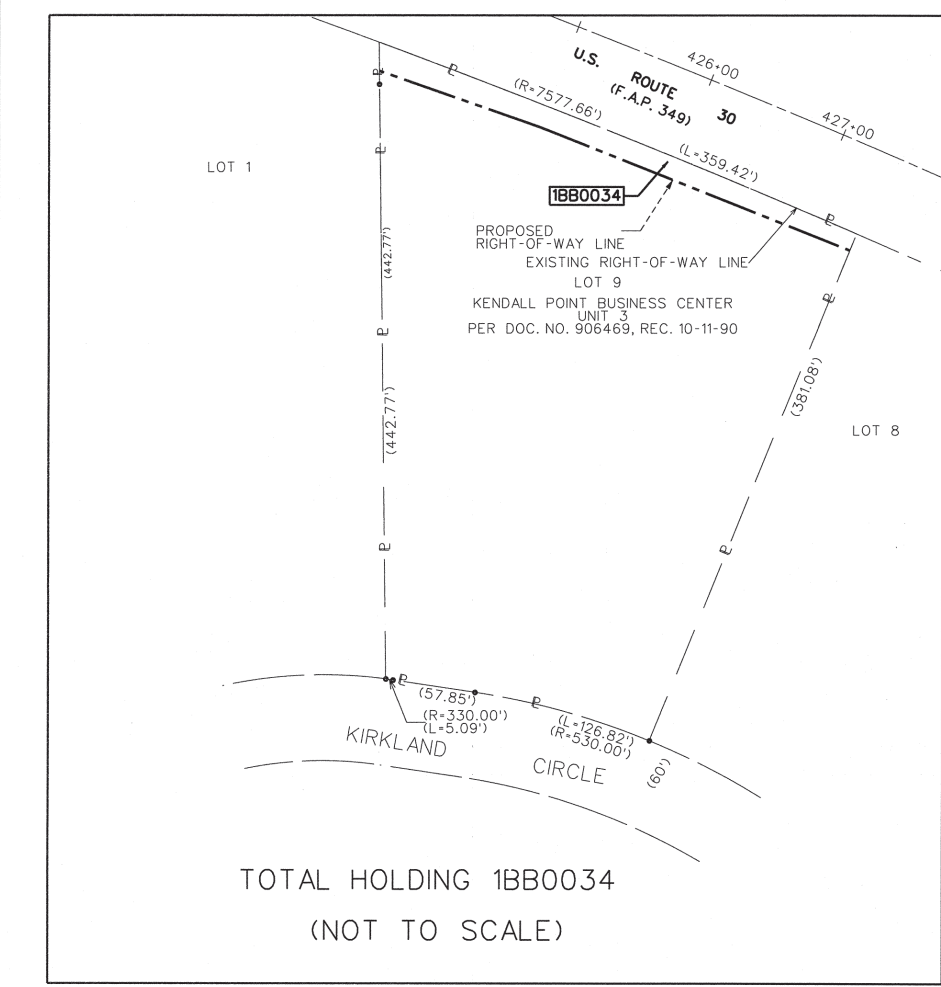
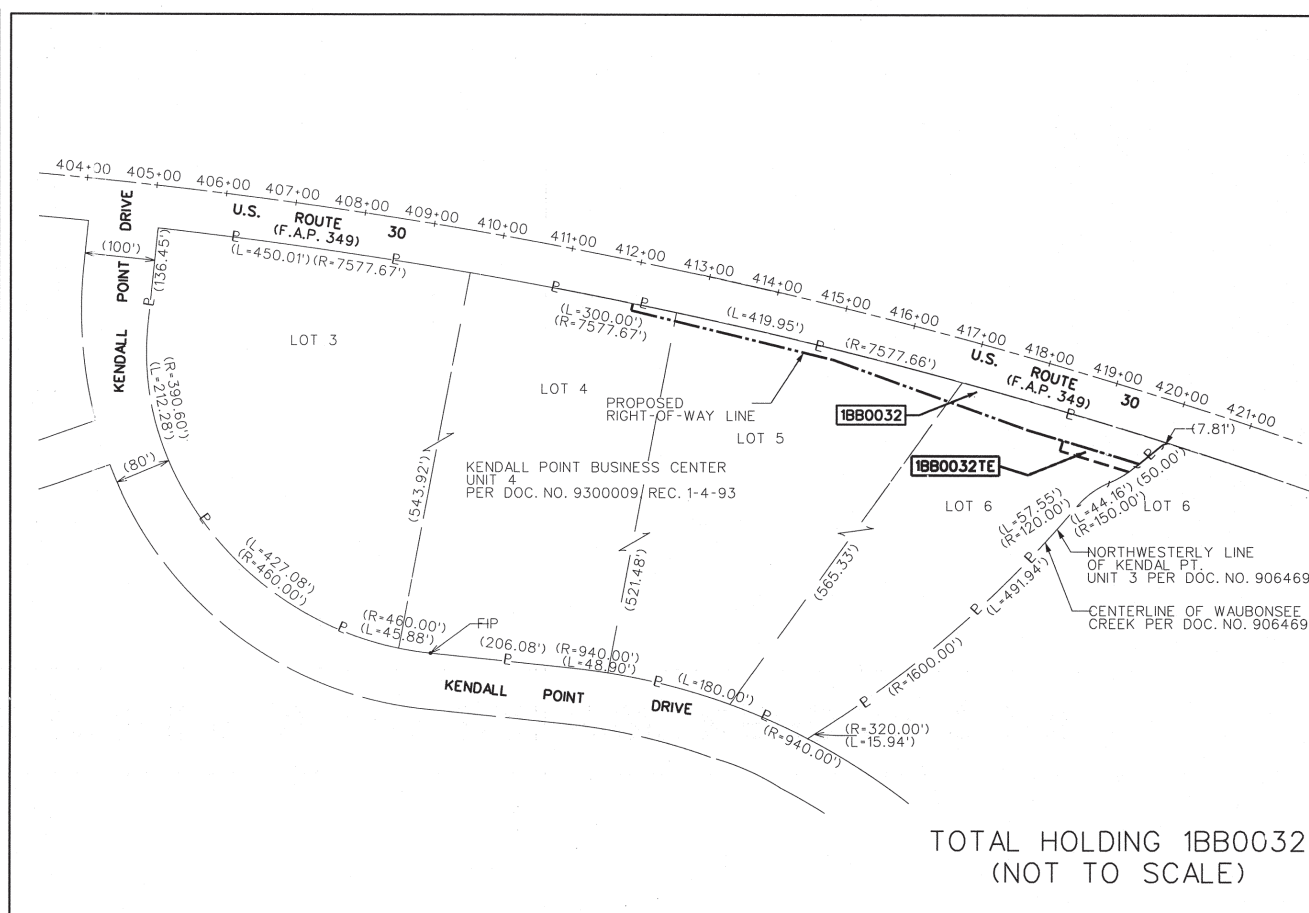
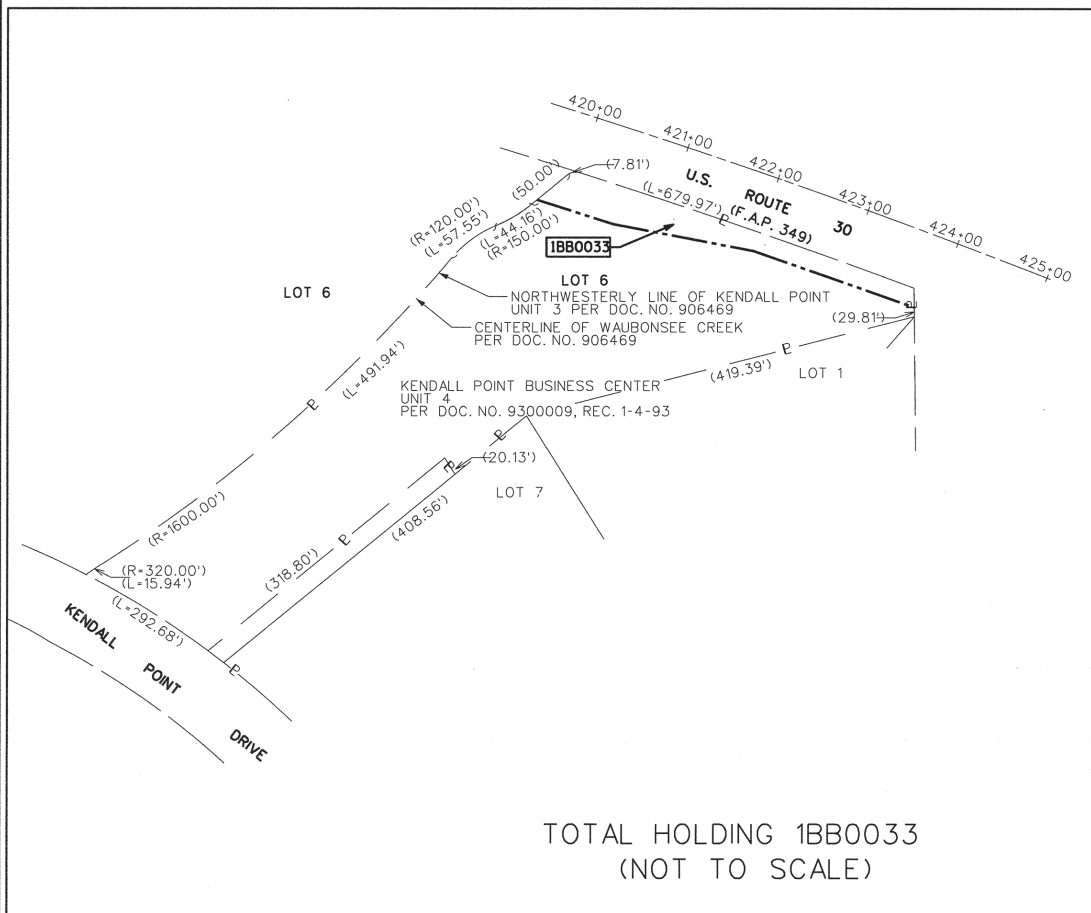
TOTAL HOLDING FOR 1BB0039  
(NOT TO SCALE)



TOTAL HOLDING FOR 1BB0038  
(NOT TO SCALE)

H:\E\622\622 OF ROUTE 30\DRAWINGS\SHEETS\SHEET 18.DGN

# PART OF SEC. 2 & 3, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



- ### LEGEND
- |  |                               |  |                            |
|--|-------------------------------|--|----------------------------|
|  | SECTION CORNER                |  | QUARTER SECTION CORNER     |
|  | SECTION LINE                  |  | QUARTER SECTION LINE       |
|  | QUARTER, QUARTER SECTION LINE |  | PLATTED LOT LINE           |
|  | PROPERTY (DEED) LINE          |  | APPARENT PROPERTY LINE     |
|  | EXISTING CENTERLINE           |  | PROPOSED CENTERLINE        |
|  | EXISTING RIGHT OF WAY LINE    |  | PROPOSED RIGHT OF WAY LINE |
|  | PROPOSED EASEMENT             |  | PROPOSED CENTER LINE       |
|  | MEASURED DIMENSION            |  | COMPUTED DIMENSION         |
|  | RECORD DATA                   |  | EXISTING BUILDING          |
- BASIS OF BEARINGS:**  
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)
- COORDINATE VALUES**  
PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.
- IRON PIPE OR ROD FOUND      ⊕ MAG NAIL SET
  - + CUT CROSS FOUND OR SET      ● 5/8" REBAR SET
  - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
  - T2 IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
  - T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
  - BT2 BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.
  - BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET.

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PLATS & LEGALS

**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 852-4600

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: TO STATION  
SCALE: NOT TO SCALE SHEET 19 OF 25







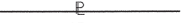
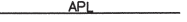


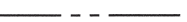


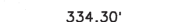
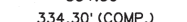
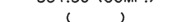
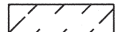
BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

H:\E622\EG22.01 ROUTE 30\DRAWINGS\SHEETS\SHEET 19.DWG

# PART OF NW 1/4 OF SEC. 4, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



## LEGEND





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

### BASIS OF BEARINGS:

BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

### COORDINATE VALUES

PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

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

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

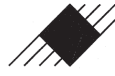
**BT1** THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.  
**BT2** BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
**BT3**

**M** STAKING OF PROPOSED RIGHT OF WAY.  
 MARKER TO MONUMENT THE POSITION. SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

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

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

 RIGHT OF WAY STAKING PROPOSED TO BE SET.

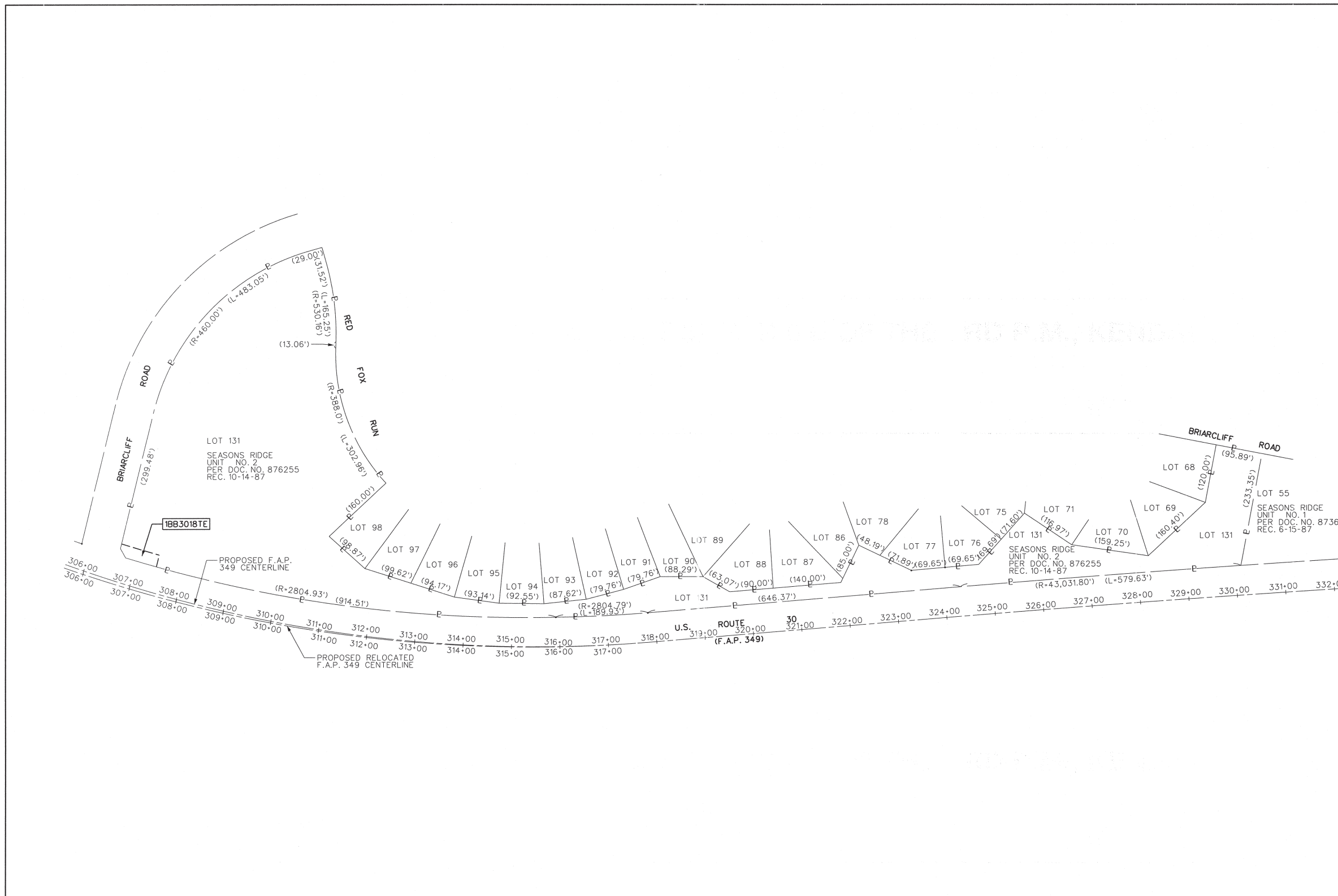
 **JACOB & HEFNER ASSOCIATES, INC.**  
 ENGINEERS · SURVEYORS  
 1901 S. Meyers Road, Suite 180  
 Oakbrook Terrace, IL 60181  
 (630) 652-4800

## PLAT OF HIGHWAYS

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
 PROJECT: JOB NO.:R-9I-014-95  
 STATION: TO STATION  
 SCALE: 1"=50' SHEET 20 OF 20

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



(NOT TO SCALE)  
 TOTAL HOLDING FOR 1BB3018TE

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OCT 04 2010

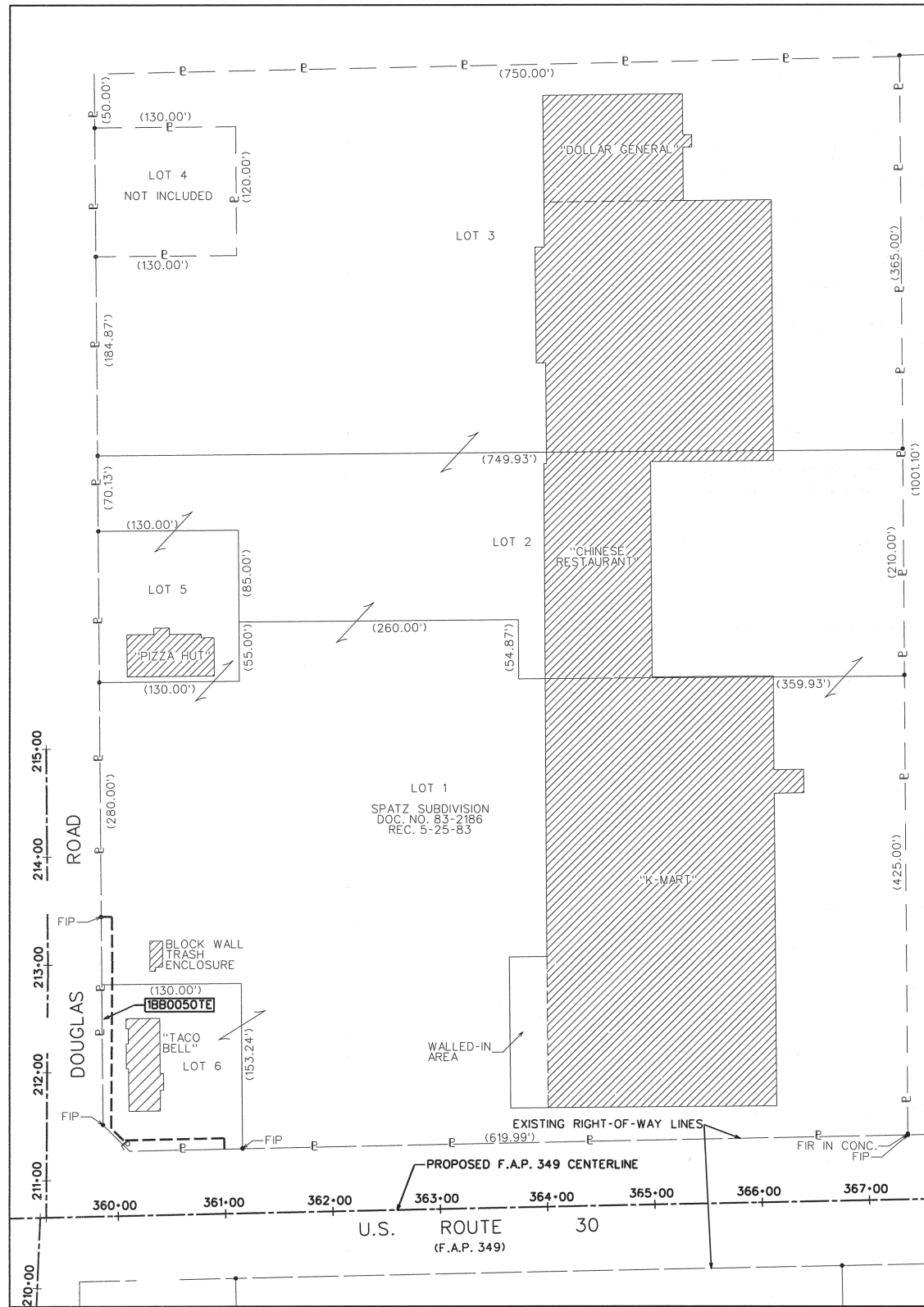
PLAT & LEGALS

MADE BY

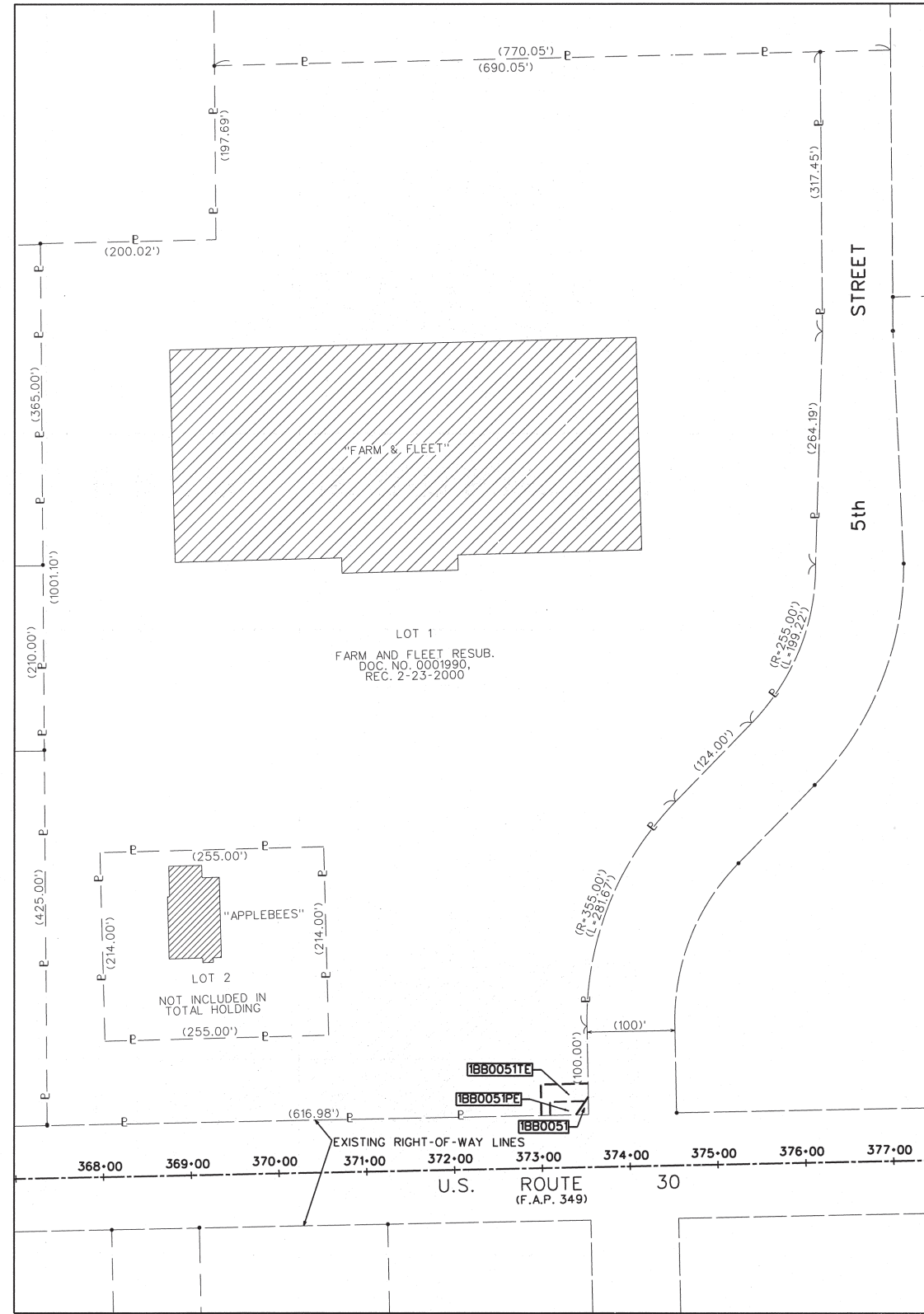
REVISION DATE:

REVISION

# PART OF NW 1/4 OF SEC. 3, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



TOTAL HOLDING FOR 1BB0050TE  
(NOT TO SCALE)



TOTAL HOLDING FOR 1BB0051TE  
(NOT TO SCALE)

## LEGEND

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

### BASIS OF BEARINGS:

BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

### COORDINATE VALUES

PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

- IRON PIPE OR ROD FOUND
- MAG NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.**
- T2 IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.**
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS' REGISTRATION NUMBER.**
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.**
- BT2 BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.**
- BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS' REGISTRATION NUMBER.**
- M STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS' REGISTRATION NUMBER.**
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS' REGISTRATION NUMBER.**
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

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MAY 06 2011

PLATS & LEGALS



**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 652-4600

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: TO STATION  
SCALE: NOT TO SCALE SHEET 20A OF 25

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

H:\E\622\622.01 ROUTE\_30.DGN\ROW\SHEETS\SHEET\_20A.DGN

# PART OF NW 1/4 OF SEC. 2, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS

TOTAL HOLDING FOR 1BB0055TE, 1BB0056 & 1BB0056TE



## LEGEND

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

- BASIS OF BEARINGS:**  
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)
- COORDINATE VALUES**  
PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.
- IRON PIPE OR ROD FOUND
  - MAG NAIL SET
  - CUT CROSS FOUND OR SET
  - 5/8" REBAR SET
  - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
  - T2 IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
  - T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
  - BT2 BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.
  - BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - S STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - PMS PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
  - RWS RIGHT OF WAY STAKING PROPOSED TO BE SET.

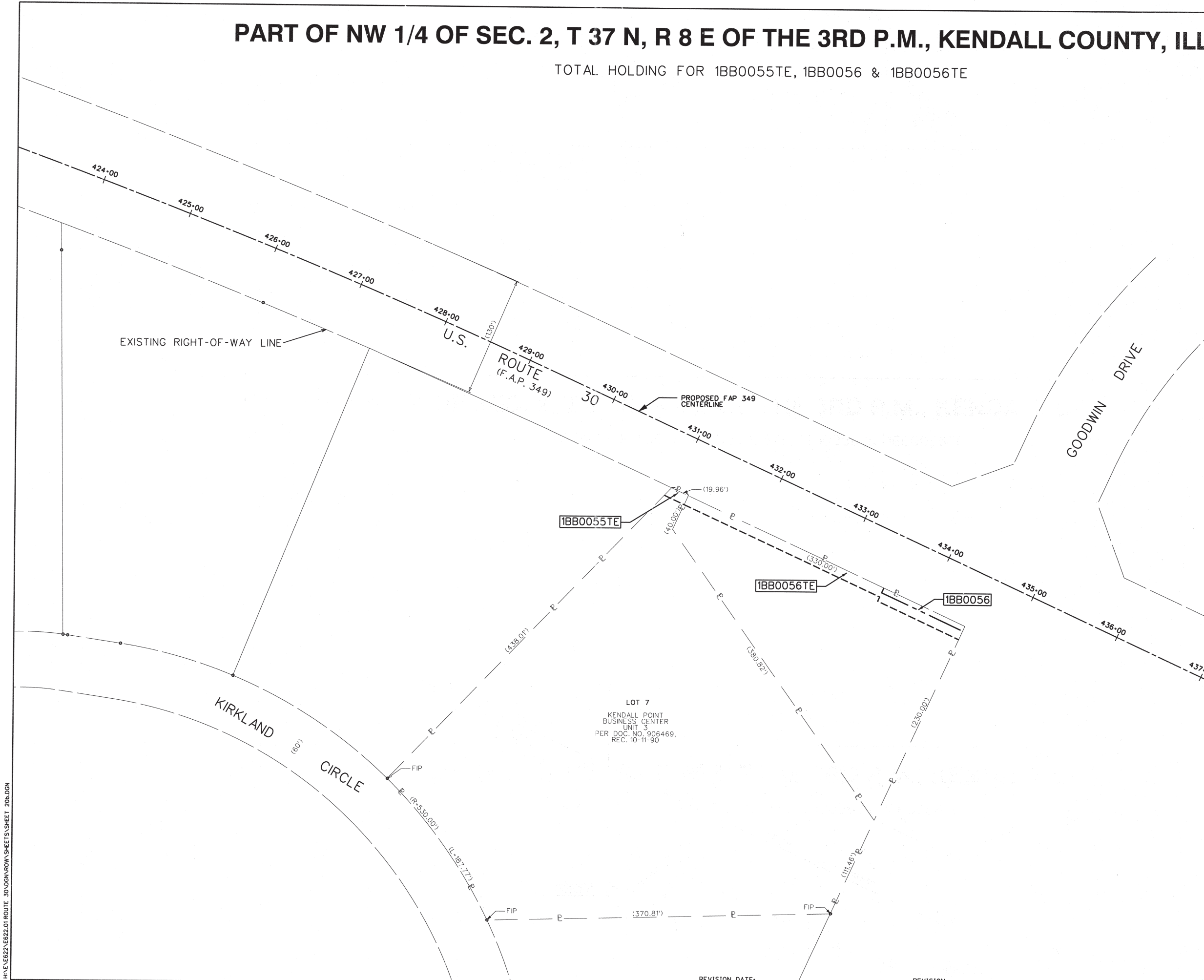
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PLATS & LEGALS

**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 652-4600

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: TO STATION  
SCALE: 1"=50' SHEET 20B OF 25

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



H:\NE\622\622.01 ROUTE 30\DRAWING\SHEETS\SHEET 20B.DGN



# PART OF NW 1/4 OF SEC. 2, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS

TOTAL HOLDING FOR 1BB0057 & 1BB0057TE



## LEGEND

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

**BASIS OF BEARINGS:**  
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

**COORDINATE VALUES**  
PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

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

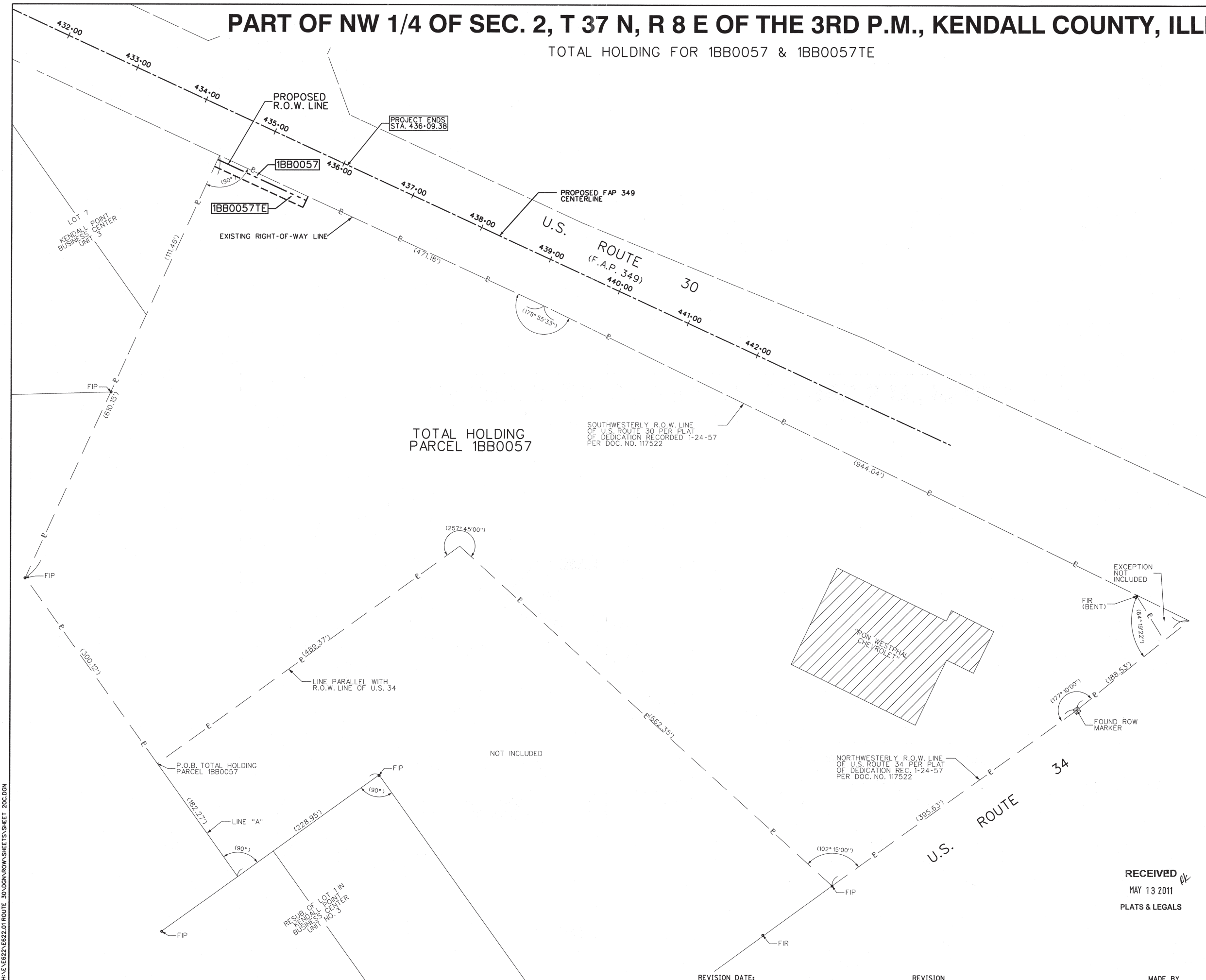
**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 662-4800

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

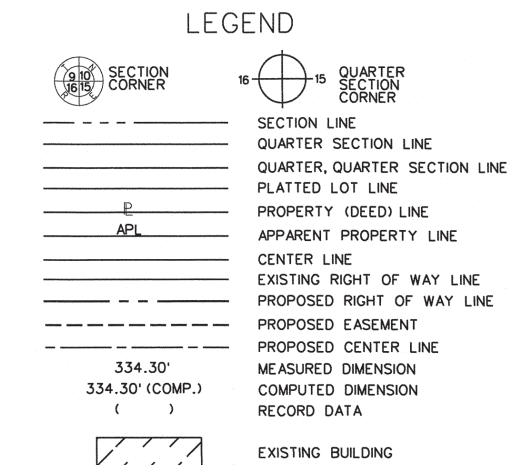
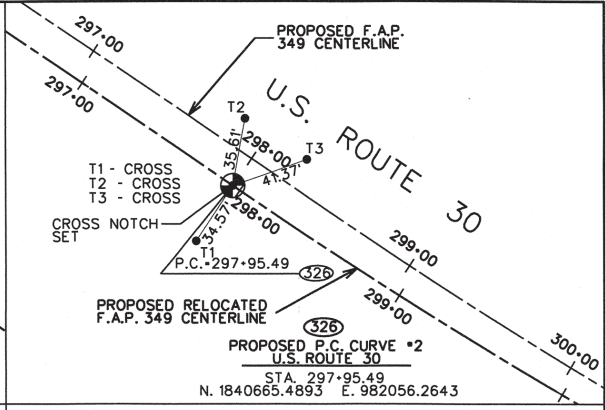
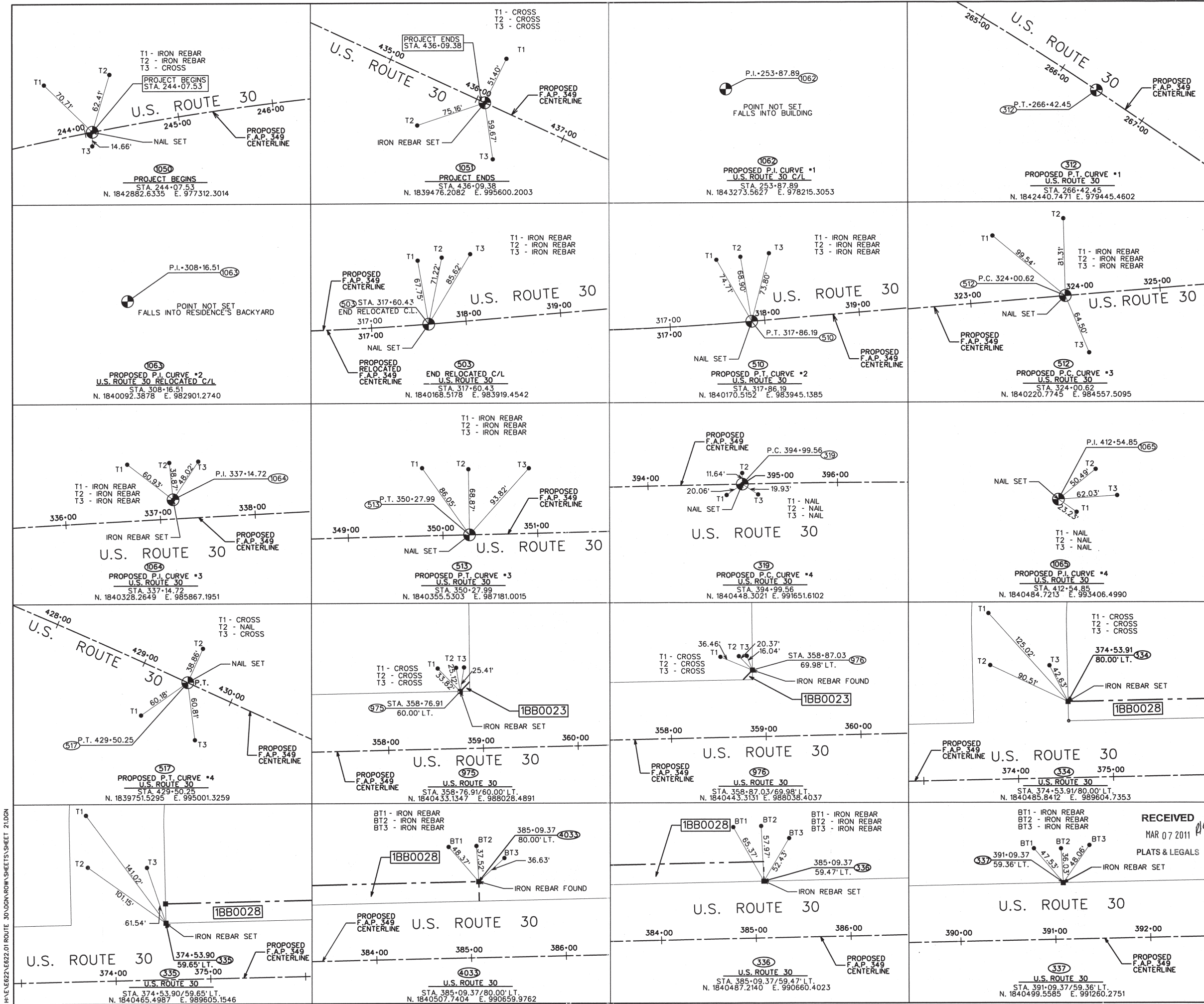
SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL  
PROJECT: JOB NO.: R-91-014-95  
STATION: 432+00 TO STATION: 436+00  
SCALE: N.T.S. SHEET 20C OF 25

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

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PLATS & LEGALS



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- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. 5/8" REBAR FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8" REBAR 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
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**JACOB & HEFNER ASSOCIATES, INC.**  
 ENGINEERS - SURVEYORS  
 1901 S. Meyers Road, Suite 180  
 Oakbrook Terrace, IL 60181  
 (630) 652-4600

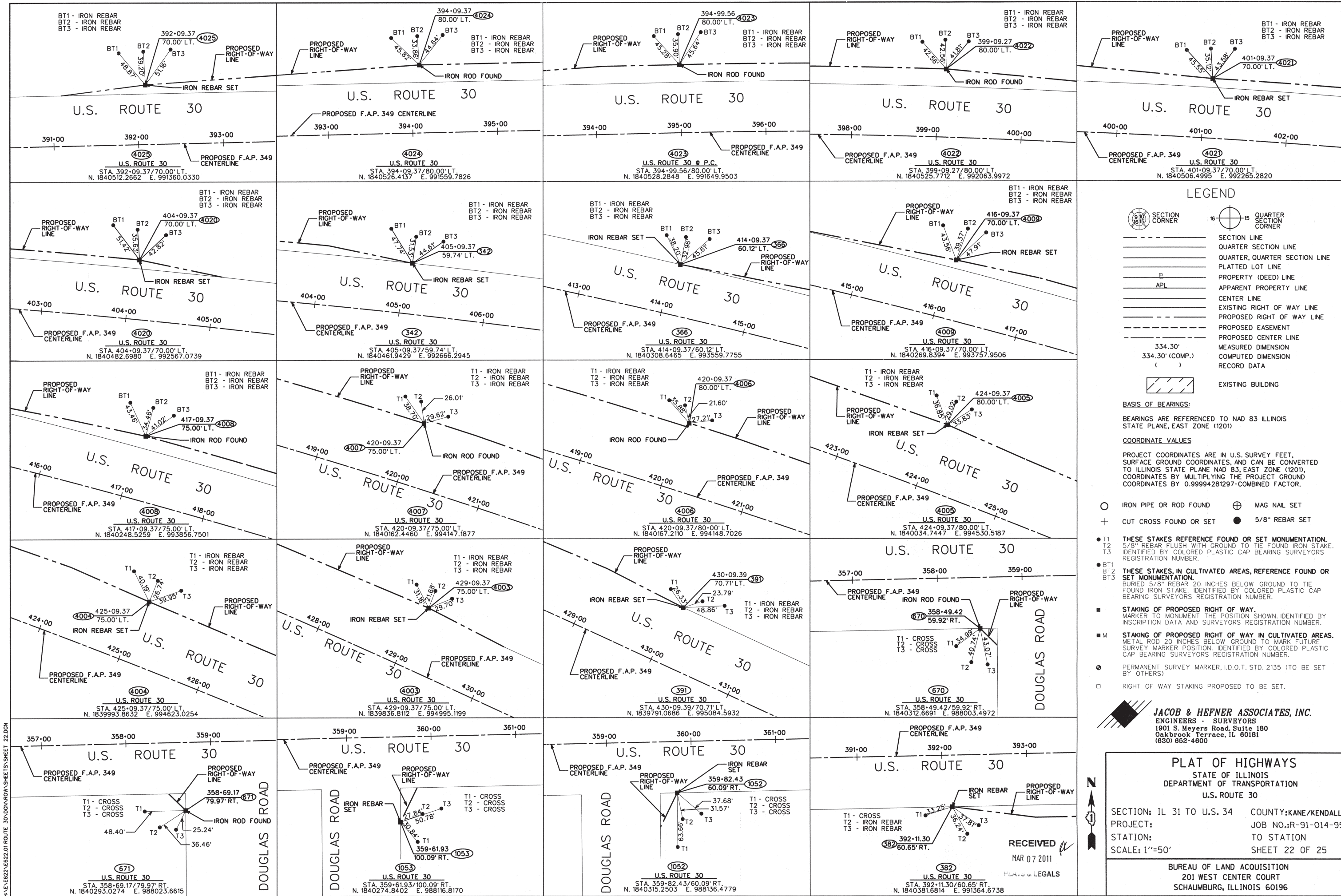
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 MAR 07 2011  
 PLATS & LEGALS

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34    COUNTY: KANE/KENDALL  
 PROJECT:    JOB NO.: R-91-014-95  
 STATION:    TO STATION  
 SCALE: 1"=50'    SHEET 21 OF 25

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

H:\E622\AE622.01 ROUTE 30.DGN\ROW SHEETS\SHEET 21.DGN



### LEGEND

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

**BASIS OF BEARINGS:**  
 BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

**COORDINATE VALUES**  
 PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

- IRON PIPE OR ROD FOUND      ⊕ MAG NAIL SET
- + CUT CROSS FOUND OR SET      ● 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 5/8" REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8" REBAR 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.
- BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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 ENGINEERS - SURVEYORS  
 1901 S. Meyers Road, Suite 180  
 Oakbrook Terrace, IL 60181  
 (630) 652-4600

### PLAT OF HIGHWAYS

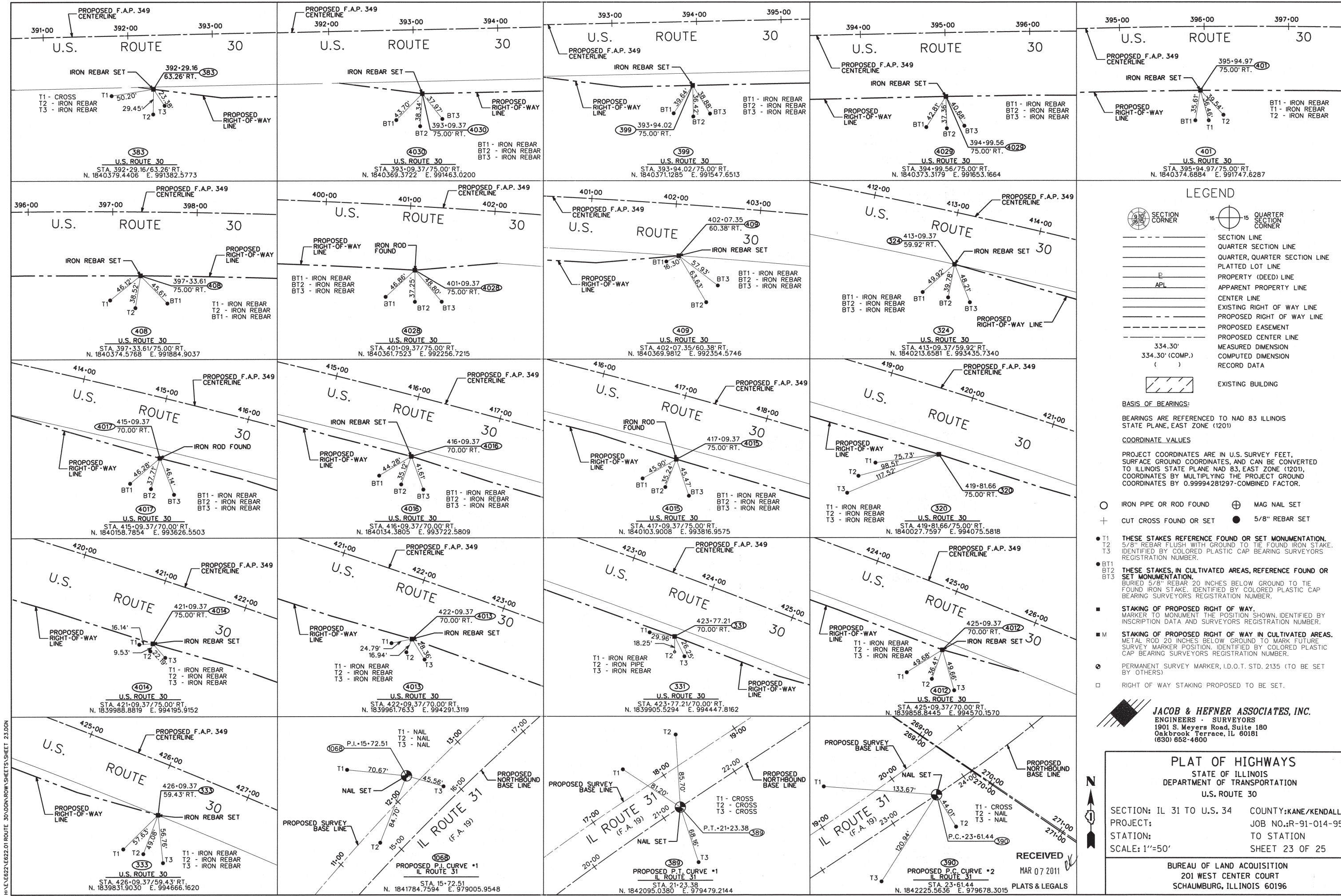
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34      COUNTY: KANE/KENDALL  
 PROJECT:      JOB NO.: R-91-014-95  
 STATION:      TO STATION  
 SCALE: 1"=50'      SHEET 22 OF 25

RECEIVED  
 MAR 07 2011

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

H:\E\622\622.01 ROUTE 30\DRAWING SHEETS\SHEET 22.DWG



### LEGEND

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

**BASIS OF BEARINGS:**  
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

**COORDINATE VALUES**  
PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

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

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

**JACOB & HEFNER ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1901 S. Meyers Road, Suite 180  
Oakbrook Terrace, IL 60181  
(630) 652-4600

### PLAT OF HIGHWAYS

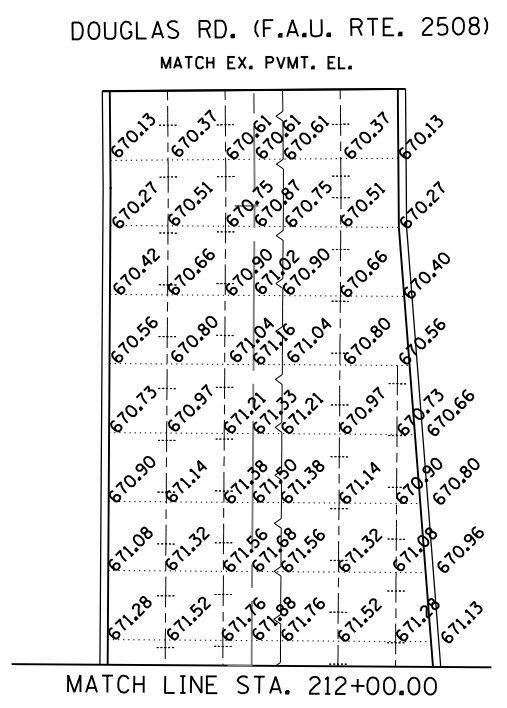
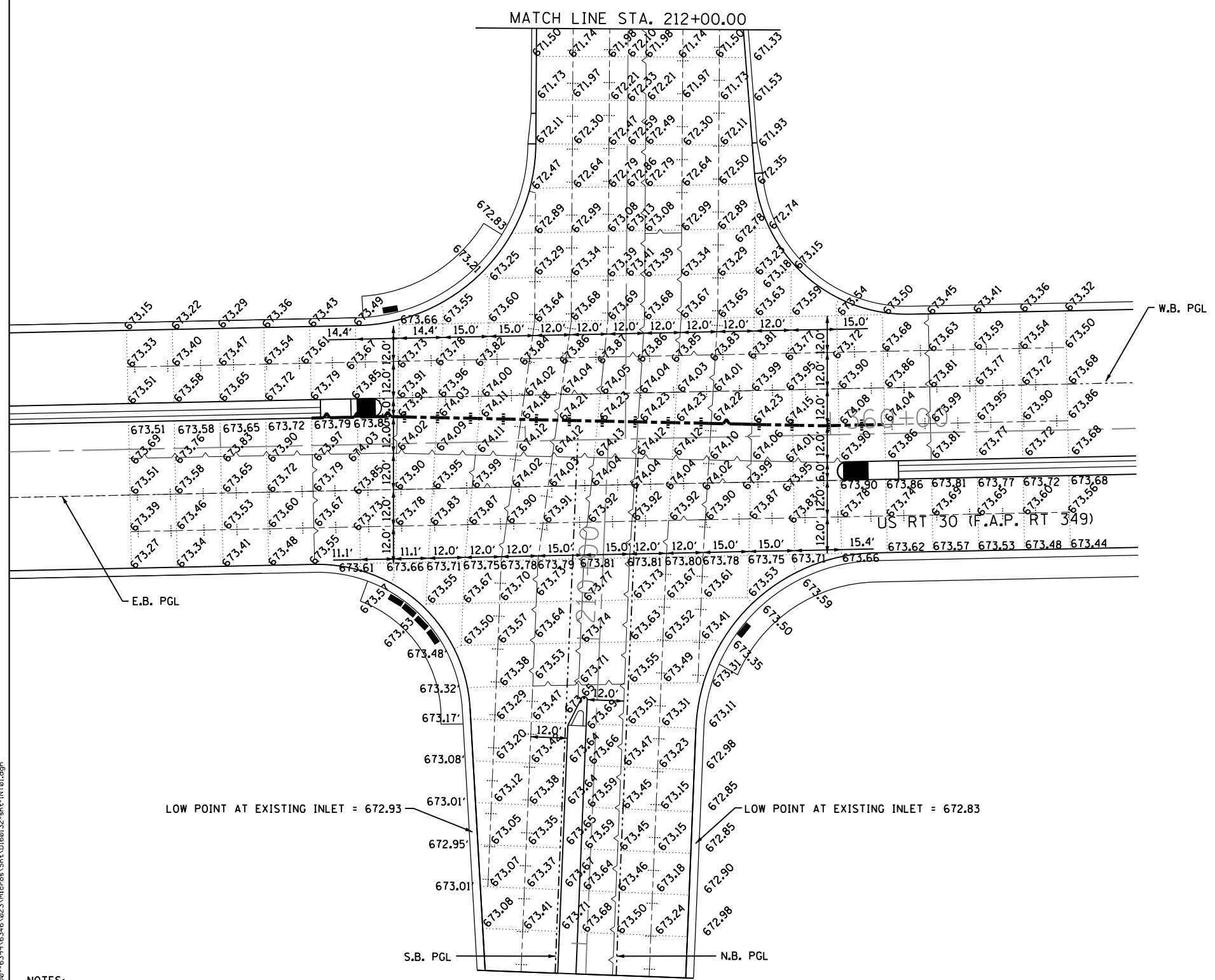
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34    COUNTY: KANE/KENDALL  
PROJECT:    JOB NO.: R-91-014-95  
STATION:    TO STATION  
SCALE: 1"=50'    SHEET 23 OF 25

RECEIVED  
MAR 07 2011  
PLATS & LEGALS

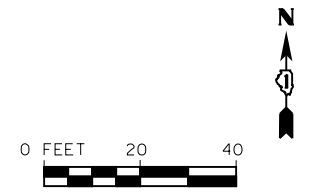
BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

- LEGEND:**
- LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT
  - SAWED LONGITUDINAL JOINT
  - TRANSVERSE SAWED CONTRACTION JOINT
  - LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS IN LIEU OF TIE BARS
  - USE DOWEL BARS ON ALL 4 SIDES FOR PANELS PER DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS (BD 52)
  - SLEEPER SLAB (PAVEMENT SEPARATION JOINT)
  - SAWED LONGITUDINAL JOINT WITH DOWEL BARS



- NOTES:**
1. ALL TRANSVERSE JOINTS SPACED 15-FT UNLESS OTHERWISE NOTED.
  2. ELEVATIONS SHOWN AT CURB AND GUTTER LOCATIONS ARE EDGE OF PAVEMENT ELEVATIONS.

MATCH EX. PVMT. EL.  
DOUGLAS RD. (F.A.U. RTE. 2508)



FILE NAME = S:\JOLI\63300-63999\6346-023\Microsta\Sh\A\I60132-sh\INT01.dgn



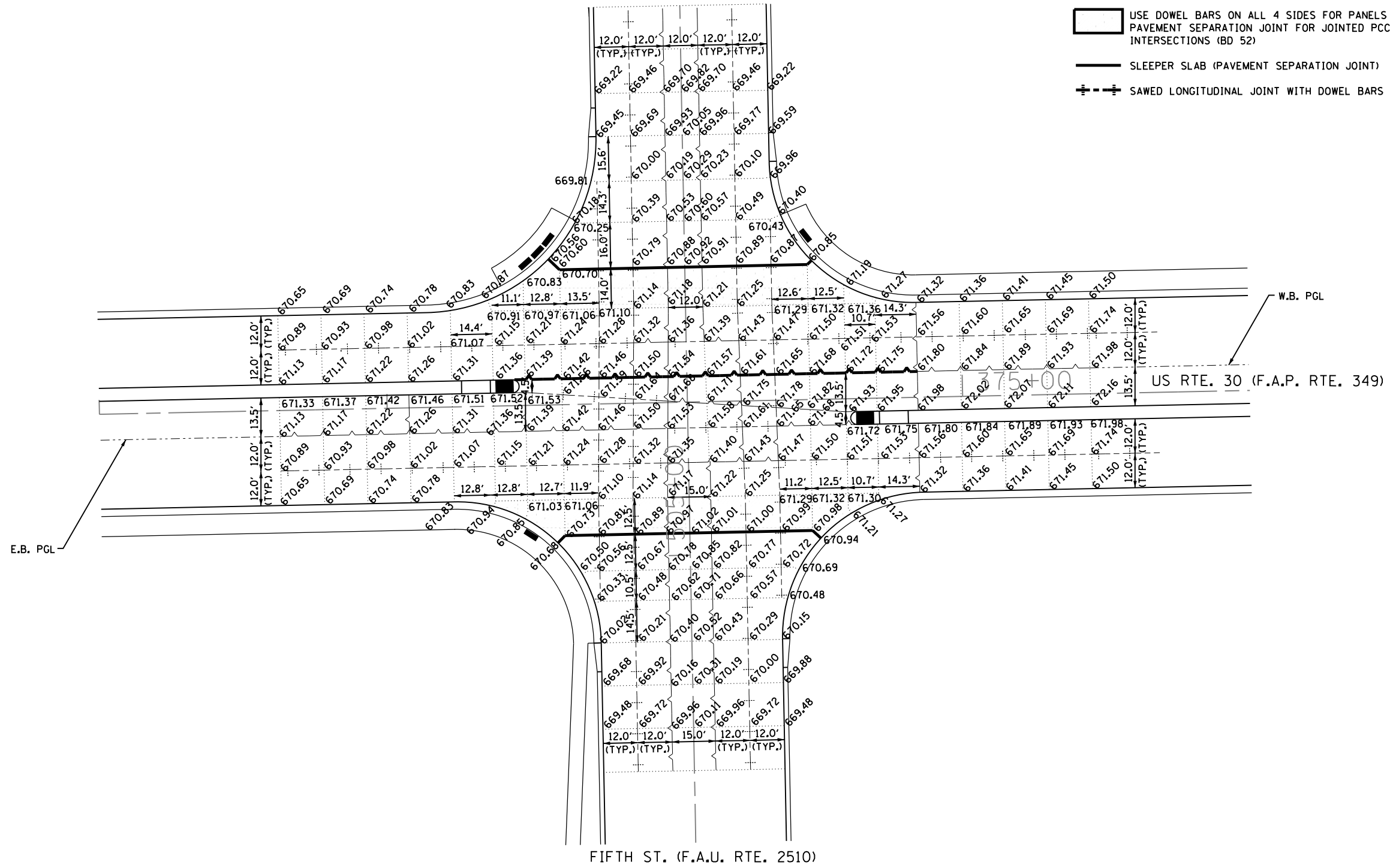
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PLOT DATE = 5/1/2012	CHECKED - SJN	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DOUGLAS RD. INTERSECTION DETAIL SHEETS</b>			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. TO STA.

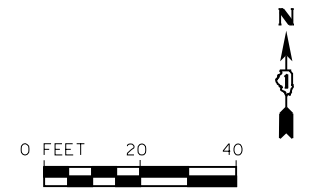
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	219
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- LEGEND:**
- LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT
  - SAWED LONGITUDINAL JOINT
  - TRANSVERSE SAWED CONTRACTION JOINT
  - LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS IN LIEU OF TIE BARS
  - USE DOWEL BARS ON ALL 4 SIDES FOR PANELS PER DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS (BD 52)
  - SLEEPER SLAB (PAVEMENT SEPARATION JOINT)
  - SAWED LONGITUDINAL JOINT WITH DOWEL BARS



**NOTES:**

1. ALL TRANSVERSE JOINTS SPACED 15-FT UNLESS OTHERWISE NOTED.
2. ELEVATIONS SHOWN AT CURB AND GUTTER LOCATIONS ARE EDGE OF PAVEMENT ELEVATIONS.



FILE NAME = S:\JOL\6300-6399\6346\023\Microa\Sh\A\DI60132-sh\INT02.dgn



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PLOT DATE = 5/1/2012	CHECKED - SJN	REVISED -
	DATE -	REVISED -

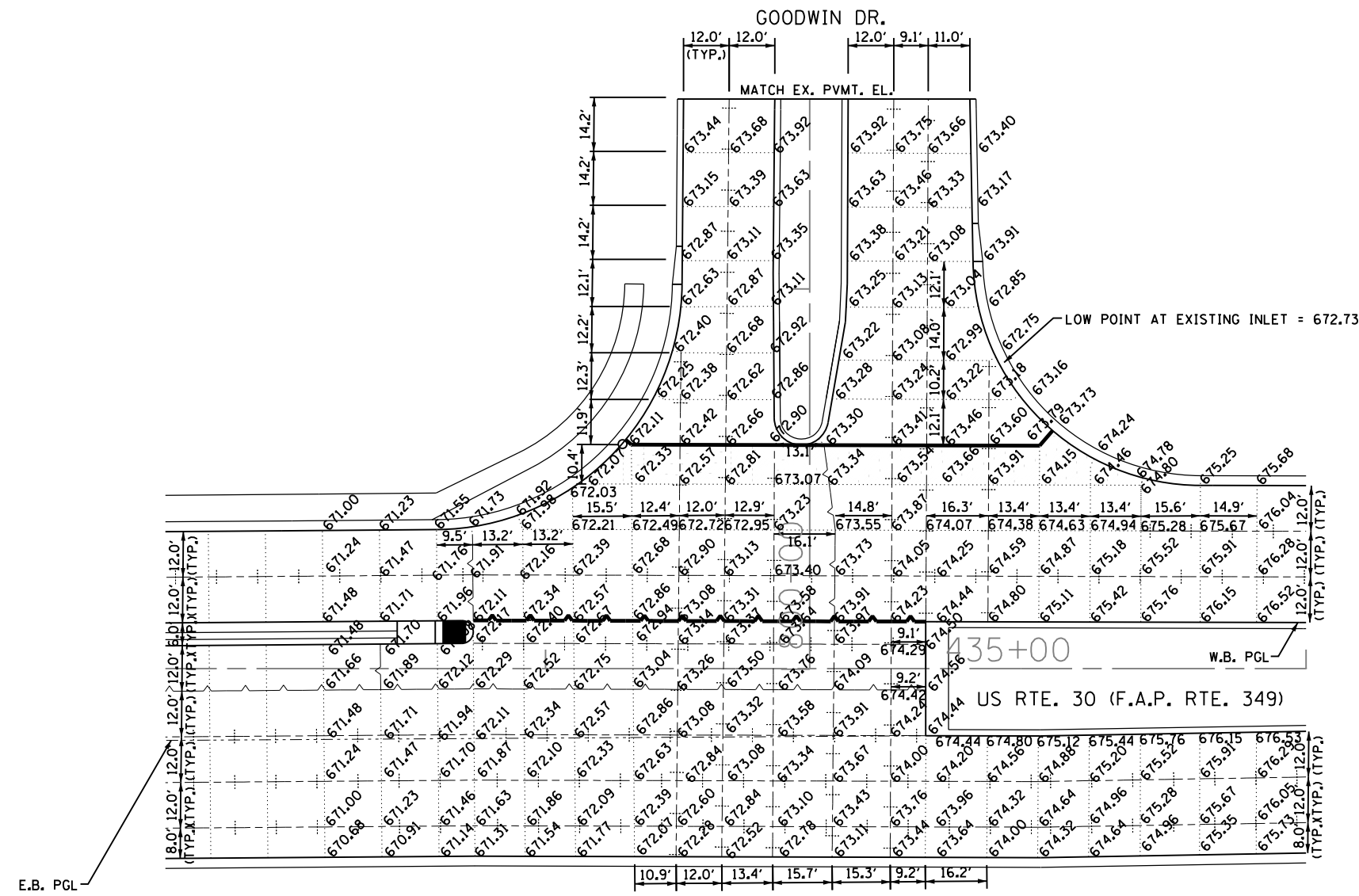
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FIFTH ST.  
INTERSECTION DETAIL SHEETS**

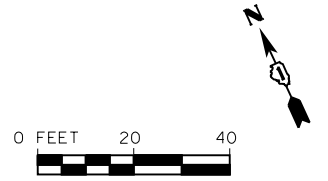
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	220
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- LEGEND:**
- LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT
  - SAWED LONGITUDINAL JOINT
  - TRANSVERSE SAWED CONTRACTION JOINT
  - LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS IN LIEU OF TIE BARS
  - USE DOWEL BARS ON ALL 4 SIDES FOR PANELS PER DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS (BD 52)
  - SLEEPER SLAB (PAVEMENT SEPARATION JOINT)
  - SAWED LONGITUDINAL JOINT WITH DOWEL BARS



- NOTES:**
1. ALL TRANSVERSE JOINTS SPACED 15-FT UNLESS OTHERWISE NOTED.
  2. ELEVATIONS SHOWN AT CURB AND GUTTER LOCATIONS ARE EDGE OF PAVEMENT ELEVATIONS.



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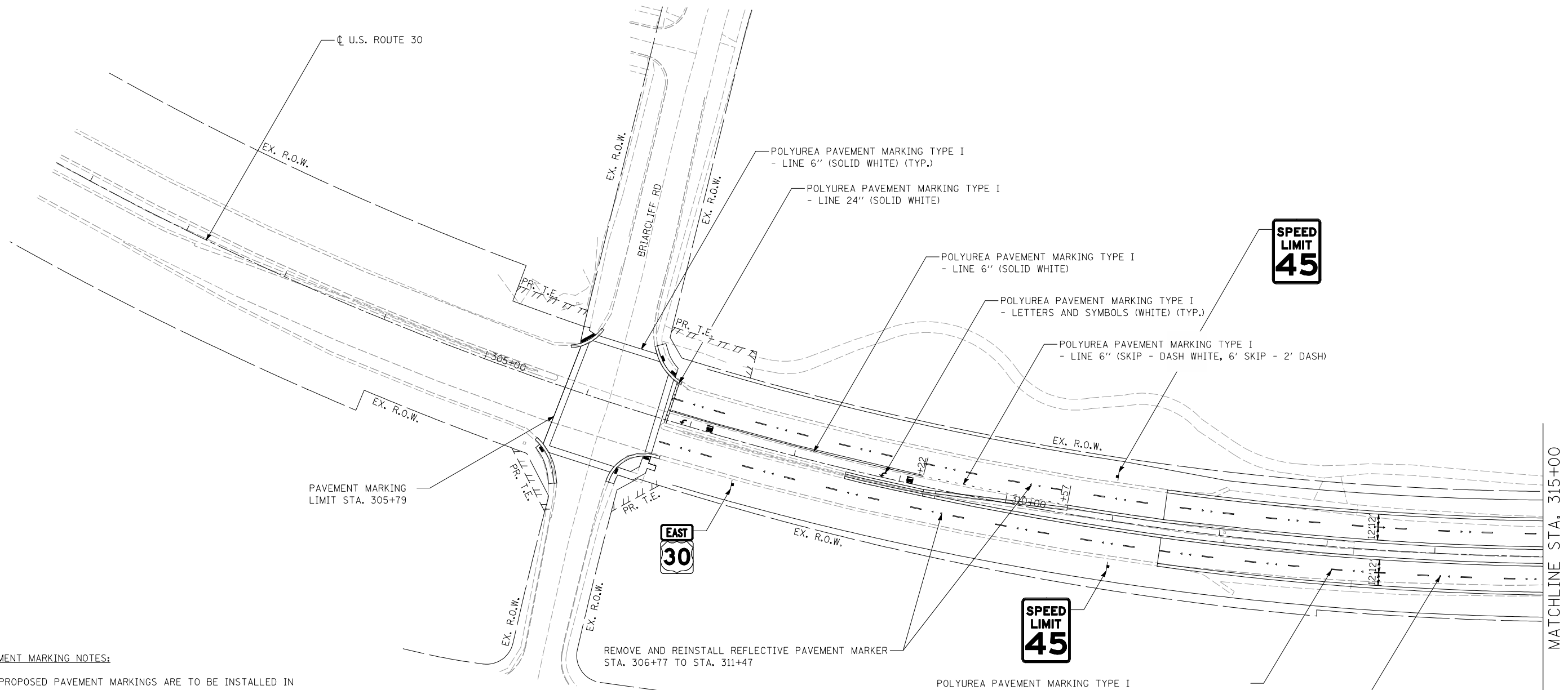
**STRAND ASSOCIATES, INC.**  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennisw	DESIGNED - MAG	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - BJJ	REVISED -
PLOT DATE = 5/1/2012	CHECKED - SJN	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>GOODWIN DR. INTERSECTION DETAIL SHEETS</b>			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 221
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING NOTES:**

1. PROPOSED PAVEMENT MARKINGS ARE TO BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARD 780001-03 AND DISTRICT ONE STANDARD TC 13.
2. PROPOSED RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARD 781001-03 AND DISTRICT ONE STANDARD TC 11.
3. FOR EXISTING RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE RECONSTRUCTION LIMITS ONLY THE REFLECTOR SHALL BE REMOVED AND REPLACED.

**SIGNING NOTES:**

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD 2009 STANDARDS.
2. FOR CLARITY, UTILITIES ARE NOT SHOWN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. SEE SIGNING DETAIL SHEET FOR SIGN INFORMATION.
4. EXACT LOCATION FOR EACH SIGN IS PROVIDED IN THE SCHEDULE OF QUANTITIES.

REMOVE AND REINSTALL REFLECTIVE PAVEMENT MARKER  
STA. 306+77 TO STA. 311+47

POLYUREA PAVEMENT MARKING TYPE I  
- LINE 4" (SKIP - DASH WHITE, 30' SKIP - 10' DASH) (TYP.)

RAISED REFLECTIVE PAVEMENT  
MARKER (ONE-WAY CRYSTAL) (TYP.)  
BEGIN AT STA. 311+47



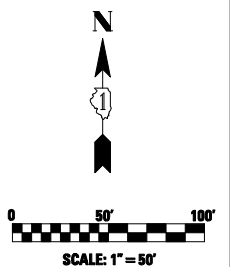
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PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

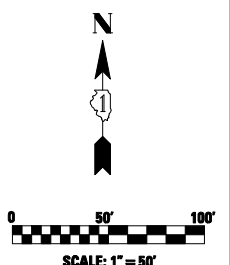
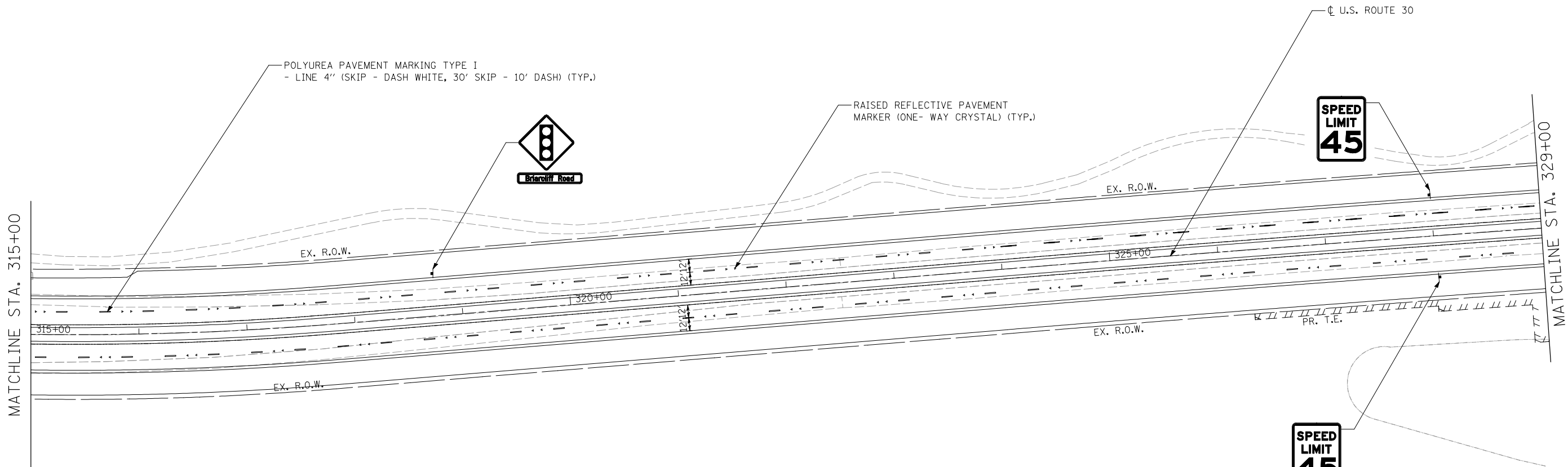
**PAVEMENT MARKING AND SIGNING PLANS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50' SHEET NO. 1 OF 13 SHEETS STA. 300+64.50 TO STA. 315+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	222
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				







**Lin Engineering, Ltd.**  
 Consulting Engineers  
 Chatham, Illinois

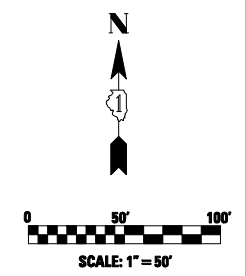
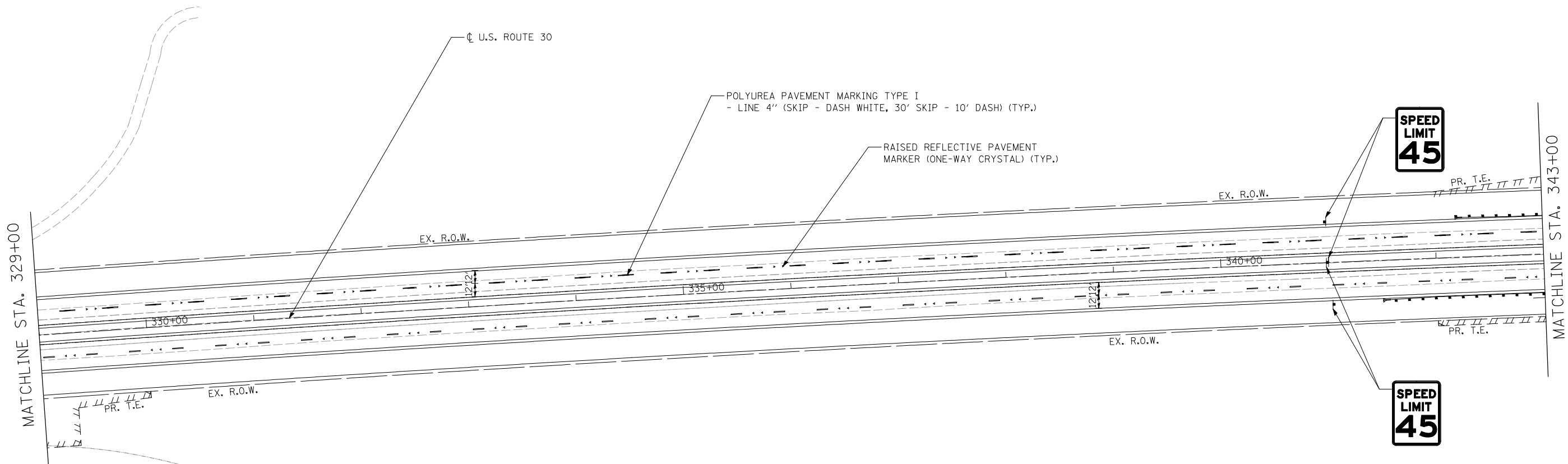
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	DRAWN - SEW	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS  
 U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50'      SHEET NO. 2 OF 13 SHEETS      STA. 315+00.00 TO STA. 329+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	223
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**Lin Engineering, Ltd.**  
 Consulting Engineers  
 Chatham, Illinois

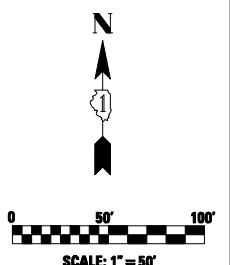
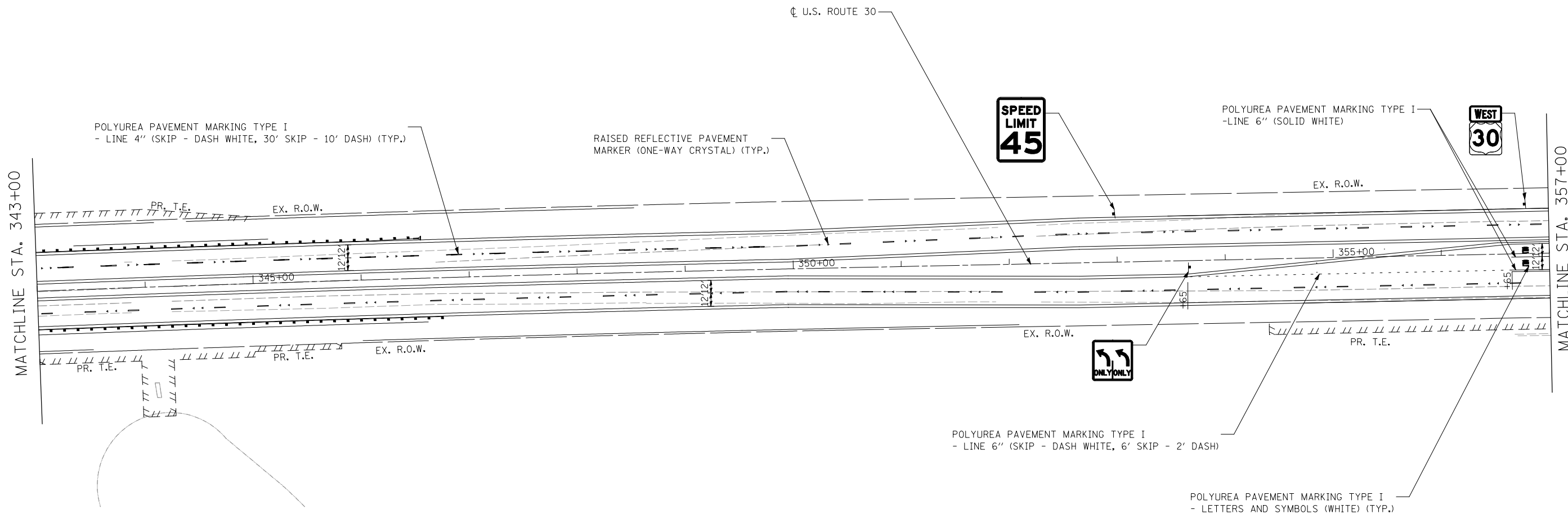
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DRAWN - SEW	REVISÉD -	
PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS  
 U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50'      SHEET NO. 3 OF 13 SHEETS      STA. 329+00.00 TO STA. 343+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	224
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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 Consulting Engineers  
 Chatham, Illinois

USER NAME = Plotted by Roadways8	DESIGNED - SEW	REVISED -
	DRAWN - SEW	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS  
 U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50'    SHEET NO. 4 OF 13 SHEETS    STA. 343+00.00 TO STA. 357+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	225
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 214+00

REMOVE AND REINSTALL REFLECTIVE PAVEMENT MARKERS (TYP.) STA. 213+20 TO STA. 214+00

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP - DASH WHITE, 30' SKIP - 10' DASH) (TYP.)

**END CLASS II TRUCK ROUTE**

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)



PCC PAVEMENT MARKING LIMIT STA. 213+20

POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (DOUBLE YELLOW)

**LEFT ON GREEN ARROW ONLY**

RELOCATE EXISTING SIGN STA. 211+60 39' RT TO 211+60 50' RT

POLYUREA PAVEMENT MARKING TYPE I - LINE 6" (SOLID WHITE) (TYP.)



POLYUREA PAVEMENT MARKING TYPE I - LINE 6" (SKIP - DASH WHITE, 6' SKIP - 2' DASH) (TYP.)

**SPEED LIMIT 45**

POLYUREA PAVEMENT MARKING TYPE I - LINE 6" (SOLID WHITE) (TYP.)

MATCHLINE STA. 357+00

EX. R.O.W.



BK-T0-BK



BK-T0-BK

EX. R.O.W.

POLYUREA PAVEMENT MARKING TYPE I - LINE 6" (SKIP - DASH WHITE, 6' SKIP - 2' DASH) (TYP.)



**SPEED LIMIT 45**

POLYUREA PAVEMENT MARKING TYPE I - LINE 24" (SOLID WHITE) (TYP.)

PCC PAVEMENT MARKING LIMIT STA. 208+88

POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS (WHITE) (TYP.)

DOUGLAS RD

REMOVE AND REINSTALL REFLECTIVE PAVEMENT MARKERS (TYP.) STA. 208+88 TO STA. 204+35

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) (TYP.)



THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE) (TYP.)

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE) (TYP.)

PAVEMENT MARKING LIMIT STA. 204+35

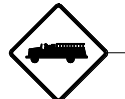
RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL) (TYP.)

POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (SKIP - DASH WHITE, 30' SKIP - 10' DASH) (TYP.)

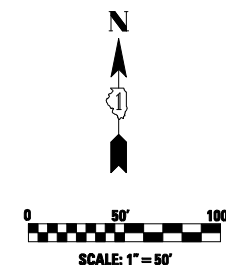
MATCHLINE STA. 371+00

U.S. ROUTE 30

EX. R.O.W.



\*SIGN SHALL BE PLACED ON THE MAST ARM ADJACENT TO THE LEFT-TURN SIGNAL FACE. REFER TO TRAFFIC SIGNAL PLANS FOR MAST ARM LOCATION.



**LI ENGINEERING, LTD.**  
Consulting Engineers  
Chatham, Illinois

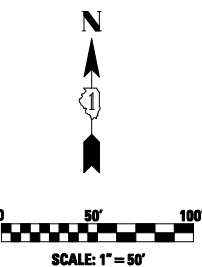
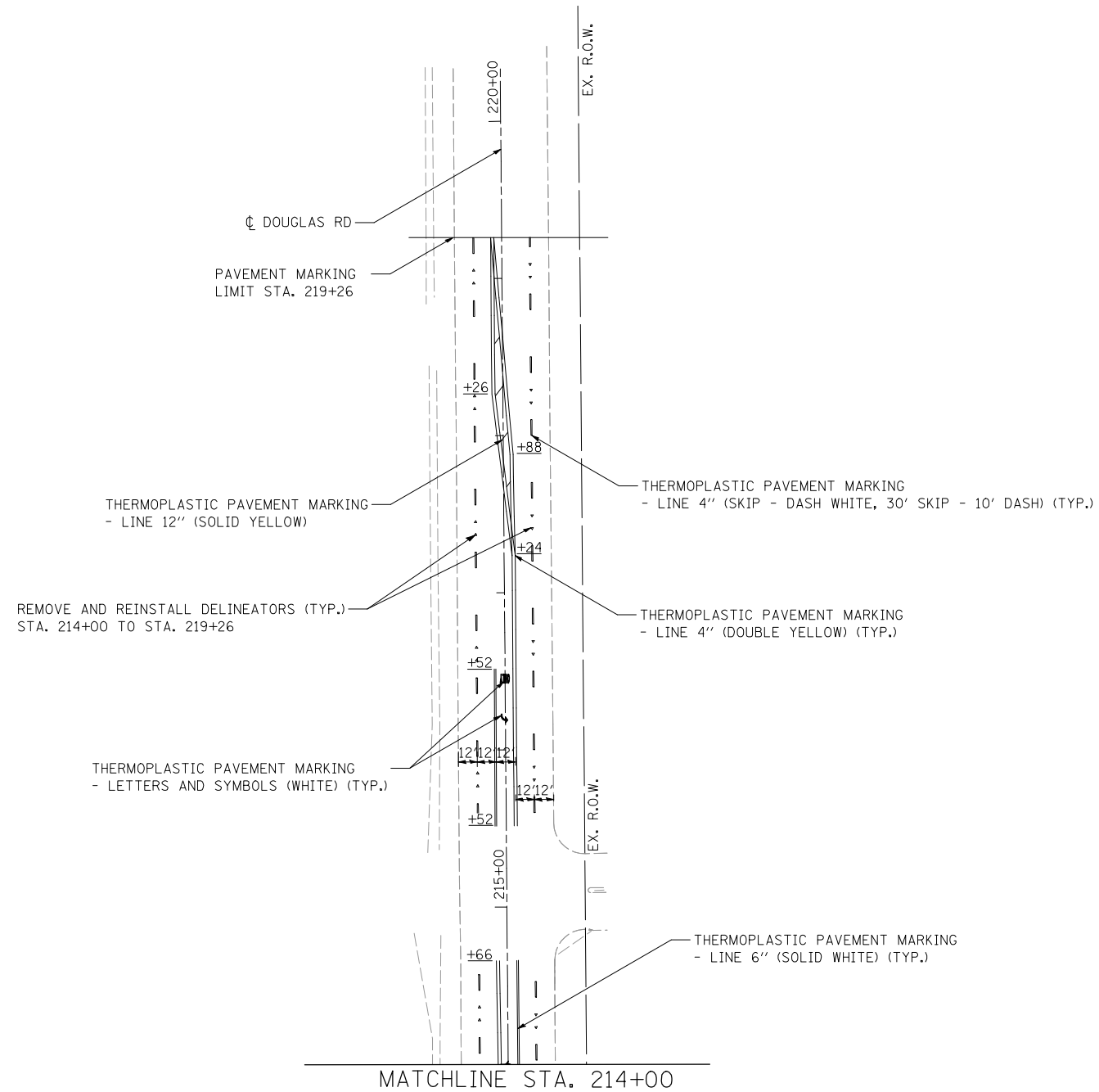
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PLOT DATE = 4/26/2012	CHECKED - ST	REVISED -
	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

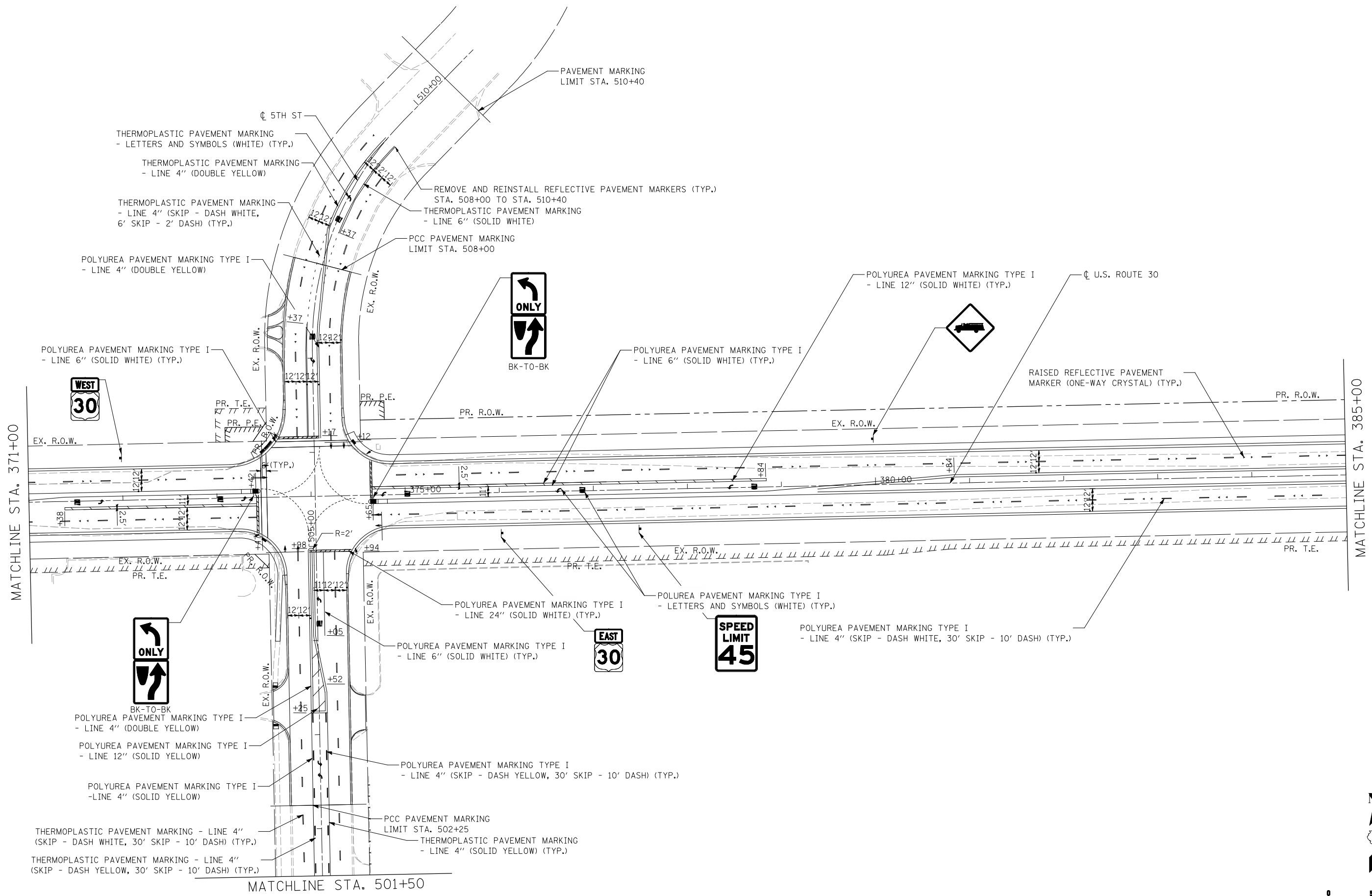
SCALE: 1"=50' SHEET NO. 5 OF 13 SHEETS STA. 357+00.00 TO STA. 371+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	226
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



USER NAME = Plotted by Roadways8	DESIGNED - SEW	REVISED -
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PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	227
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60132	



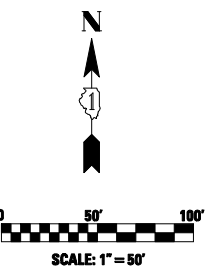
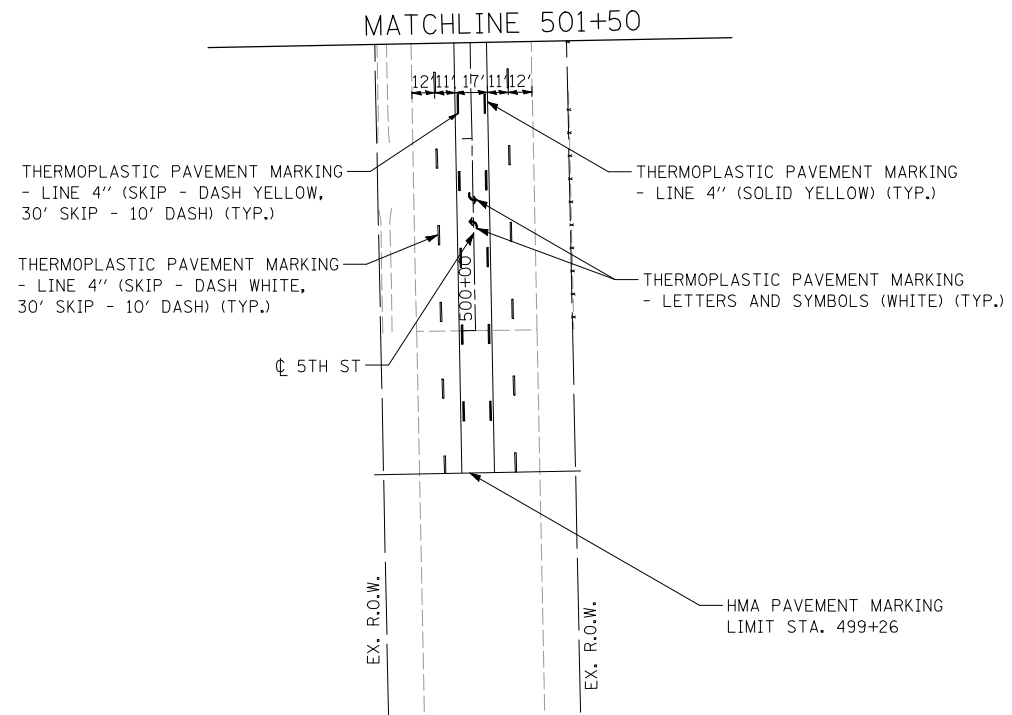
**Lin Engineering, Ltd.**  
 Consulting Engineers  
 Chatham, Illinois

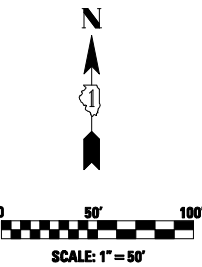
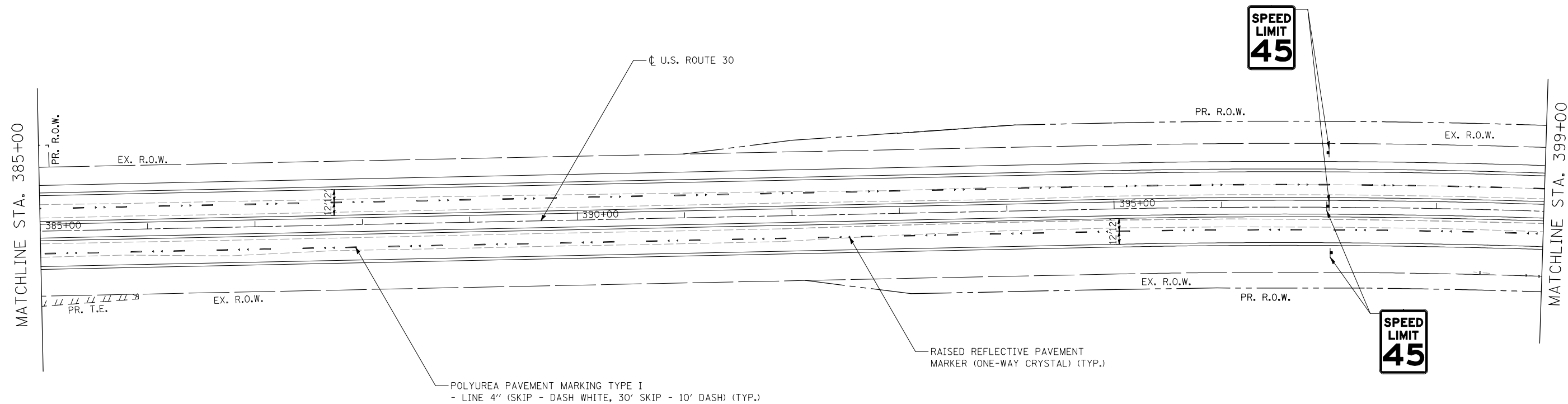
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PLOT SCALE = 100.0000' / IN.	DRAWN - SEW	REVISED -
PLOT DATE = 4/26/2012	CHECKED - ST	REVISED -
	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS**  
**U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**  
 SCALE: 1"=50' SHEET NO. 7 OF 13 SHEETS STA. 371+00.00 TO STA. 385+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	228
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





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Consulting Engineers  
Chatham, Illinois

USER NAME = Plotted by Roadways8	DESIGNED - SEW	REVISED -
DRAWN - SEW	REVISÉD -	
PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

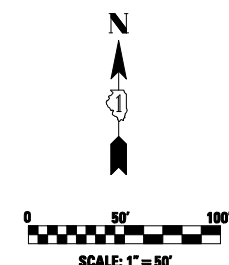
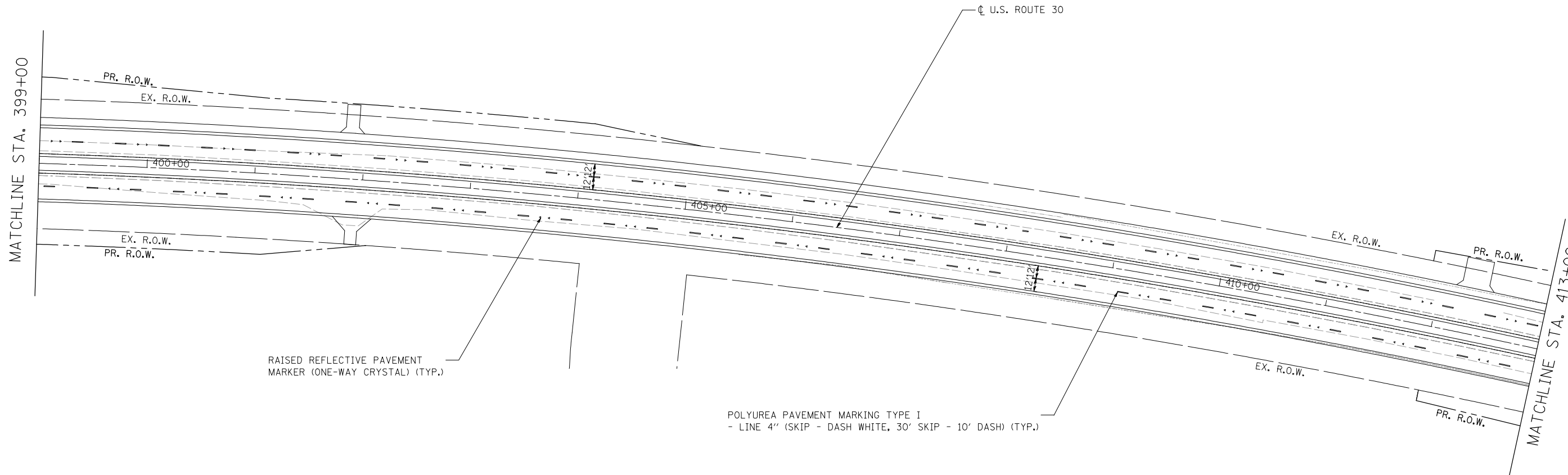
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50' SHEET NO. 9 OF 13 SHEETS STA. 385+00.00 TO STA. 399+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	230
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60132	





**Lin Engineering, Ltd.**  
 Consulting Engineers  
 Chatham, Illinois

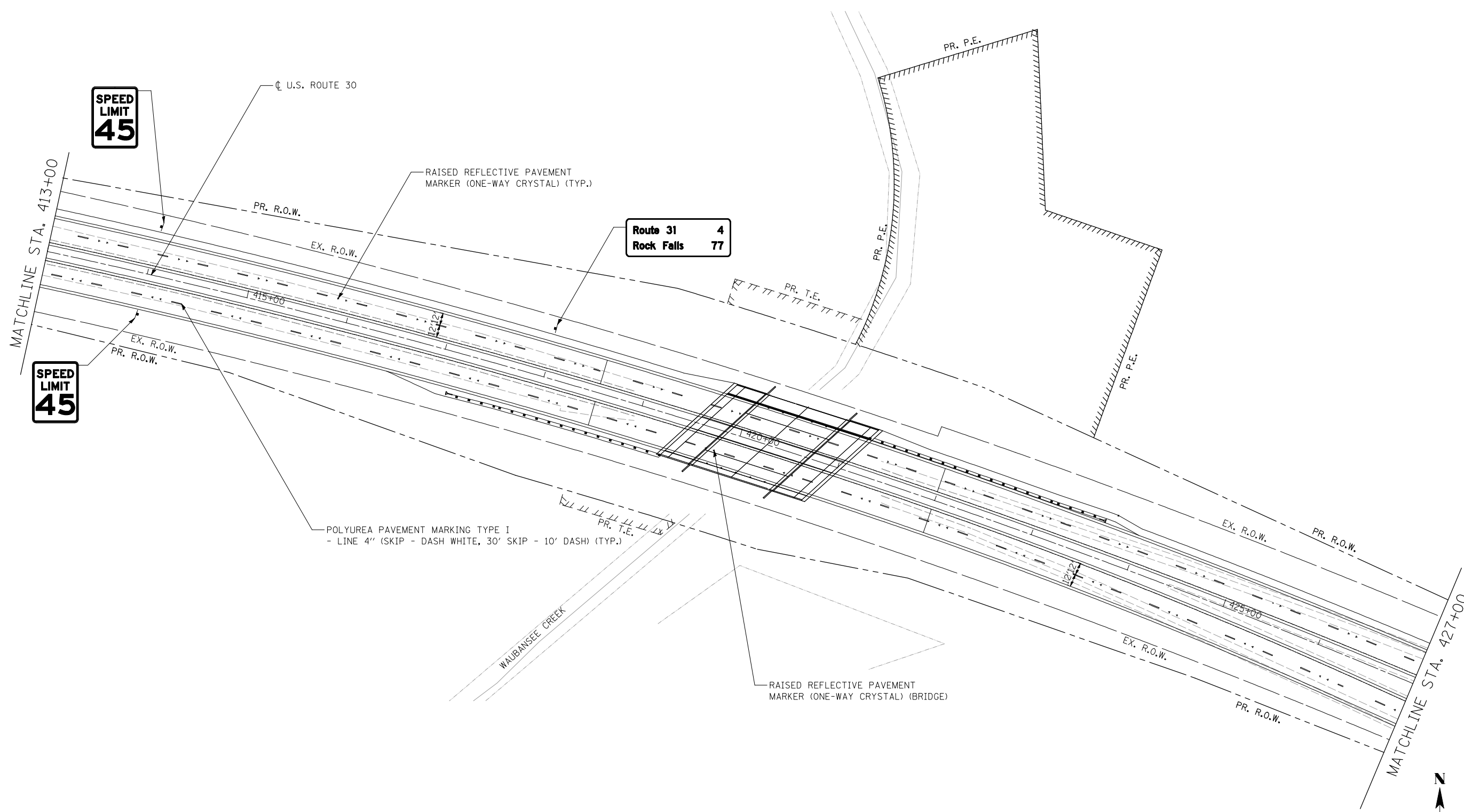
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PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS  
 U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50'    SHEET NO. 10 OF 13 SHEETS    STA. 399+00.00 TO STA. 413+00.00

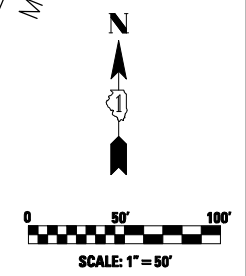
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	231
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



Route 31 4  
Rock Falls 77

SPEED  
LIMIT  
45

SPEED  
LIMIT  
45



**Lin Engineering, Ltd.**  
Consulting Engineers  
Chatham, Illinois

USER NAME = Plotted by Roadways8	DESIGNED - SEW	REVISED -
DRAWN - SEW	REVISIONS -	
PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

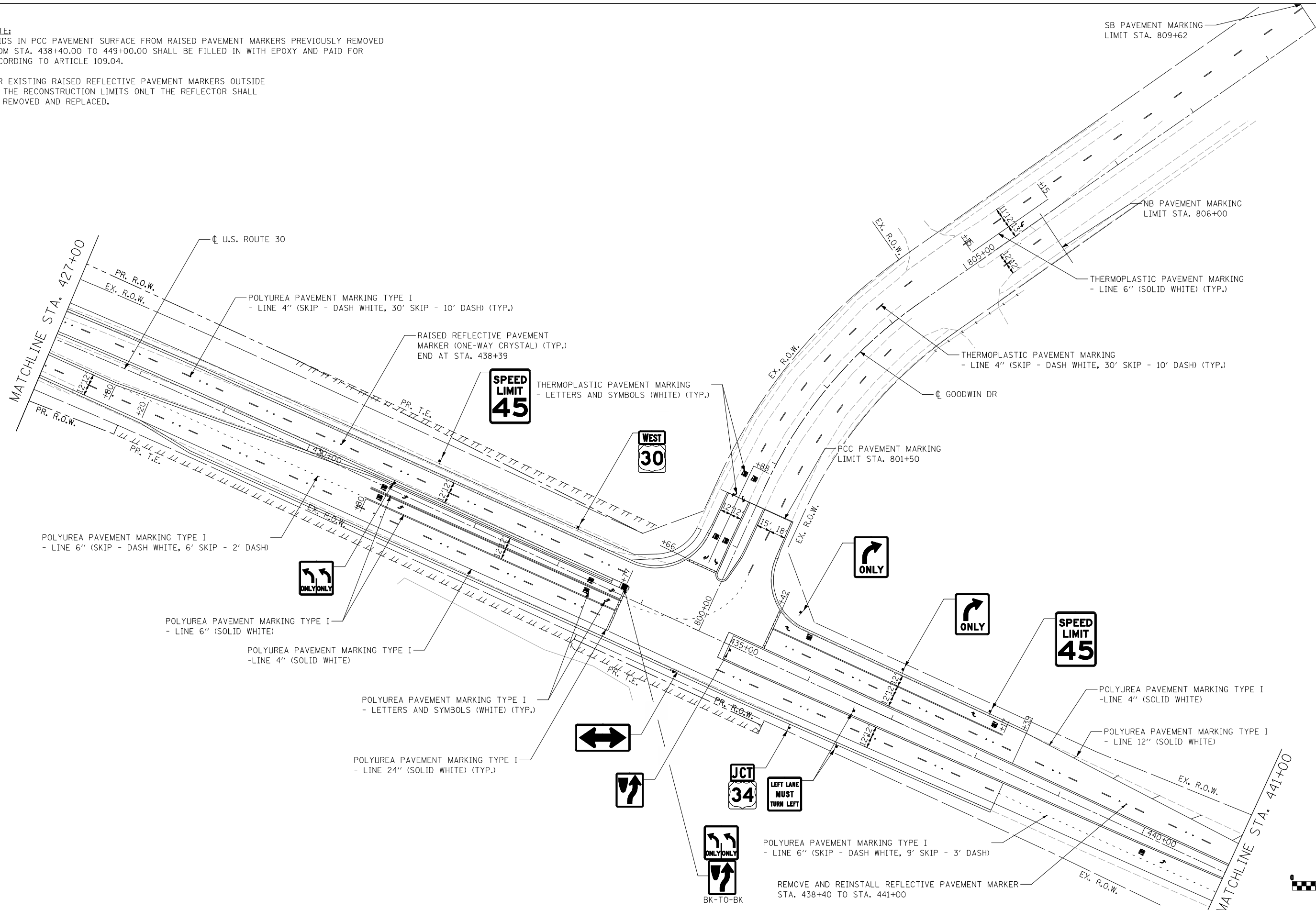
SCALE: 1"=50' SHEET NO. 11 OF 13 SHEETS STA. 413+00.00 TO STA. 427+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	232
CONTRACT NO. 60132				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

**NOTE:**

- VOIDS IN PCC PAVEMENT SURFACE FROM RAISED PAVEMENT MARKERS PREVIOUSLY REMOVED FROM STA. 438+40.00 TO 449+00.00 SHALL BE FILLED IN WITH EPOXY AND PAID FOR ACCORDING TO ARTICLE 109.04.
- FOR EXISTING RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE RECONSTRUCTION LIMITS ONLY THE REFLECTOR SHALL BE REMOVED AND REPLACED.



SB PAVEMENT MARKING  
LIMIT STA. 809+62

NB PAVEMENT MARKING  
LIMIT STA. 806+00

THERMOPLASTIC PAVEMENT MARKING  
- LINE 6" (SOLID WHITE) (TYP.)

THERMOPLASTIC PAVEMENT MARKING  
- LINE 4" (SKIP - DASH WHITE, 30' SKIP - 10' DASH) (TYP.)

THERMOPLASTIC PAVEMENT MARKING  
- LETTERS AND SYMBOLS (WHITE) (TYP.)

PCC PAVEMENT MARKING  
LIMIT STA. 801+50

POLYUREA PAVEMENT MARKING TYPE I  
- LINE 6" (SKIP - DASH WHITE, 6' SKIP - 2' DASH)

POLYUREA PAVEMENT MARKING TYPE I  
- LINE 6" (SOLID WHITE)

POLYUREA PAVEMENT MARKING TYPE I  
- LINE 4" (SOLID WHITE)

POLYUREA PAVEMENT MARKING TYPE I  
- LETTERS AND SYMBOLS (WHITE) (TYP.)

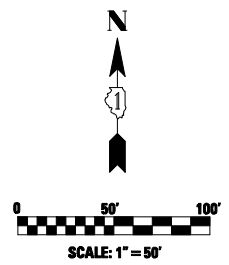
POLYUREA PAVEMENT MARKING TYPE I  
- LINE 24" (SOLID WHITE) (TYP.)

POLYUREA PAVEMENT MARKING TYPE I  
- LINE 4" (SOLID WHITE)

POLYUREA PAVEMENT MARKING TYPE I  
- LINE 12" (SOLID WHITE)

POLYUREA PAVEMENT MARKING TYPE I  
- LINE 6" (SKIP - DASH WHITE, 9' SKIP - 3' DASH)

REMOVE AND REINSTALL REFLECTIVE PAVEMENT MARKER  
STA. 438+40 TO STA. 441+00



USER NAME = Plotted by Roadways8	DESIGNED - SEW	REVISED -
	DRAWN - SEW	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

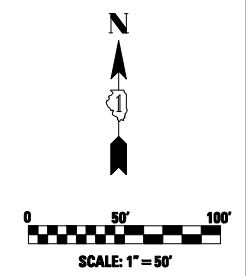
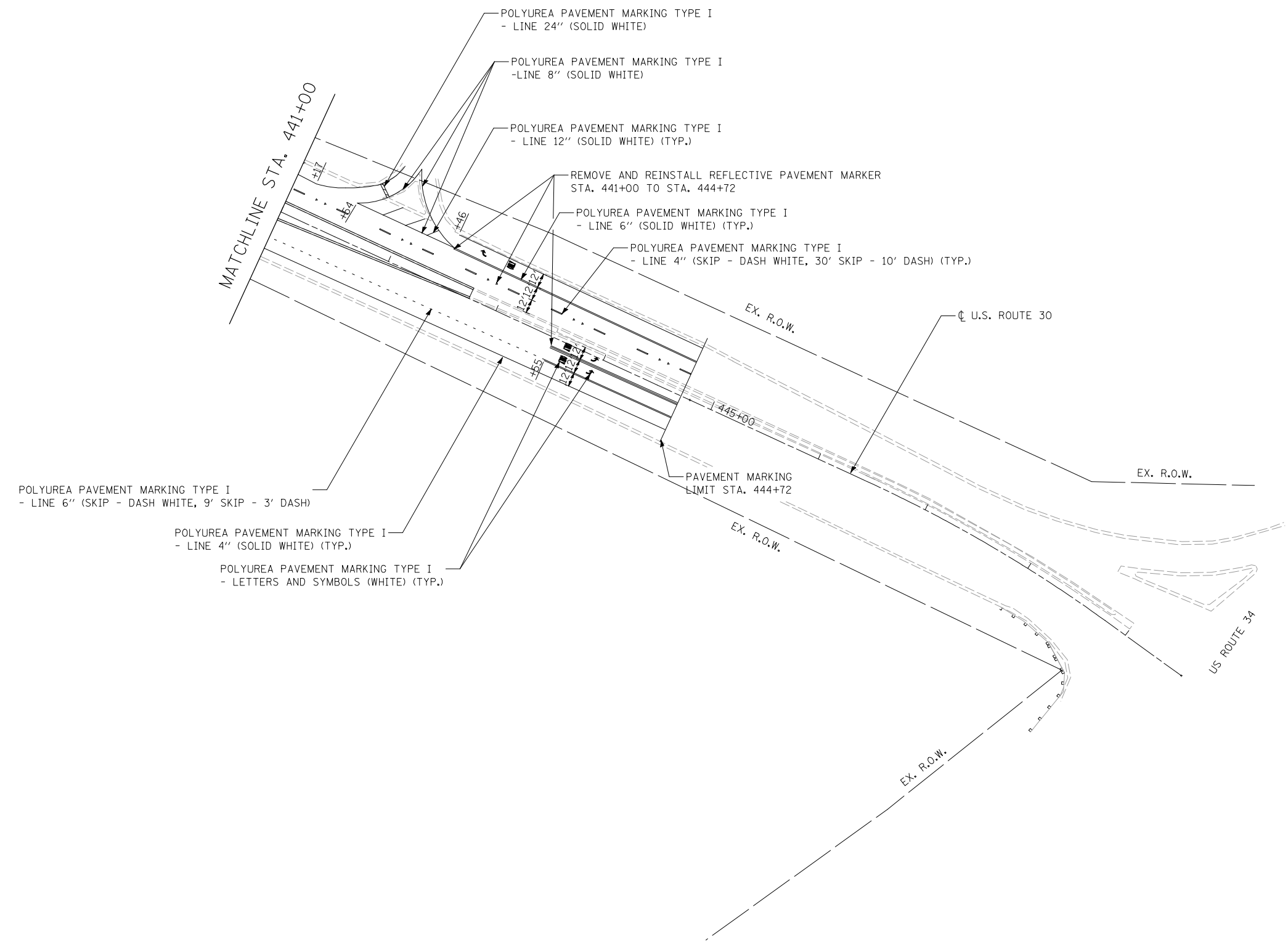
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50' SHEET NO. 12 OF 13 SHEETS STA. 427+00.00 TO STA. 441+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	233
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTE:**
- VOIDS IN PCC PAVEMENT SURFACE FROM RAISED PAVEMENT MARKERS PREVIOUSLY REMOVED FROM STA. 438+40.00 TO 449+00.00 SHALL BE FILLED IN WITH EPOXY AND PAID FOR ACCORDING TO ARTICLE 109.04.
  - FOR EXISTING RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE RECONSTRUCTION LIMITS ONLY THE REFLECTOR SHALL BE REMOVED AND REPLACED.



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 Consulting Engineers  
 Chatham, Illinois





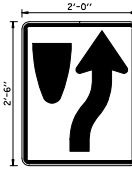

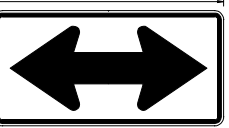
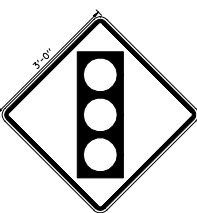
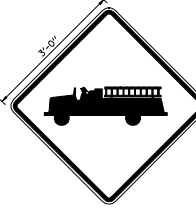
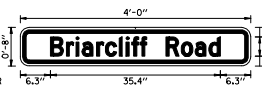
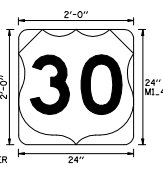
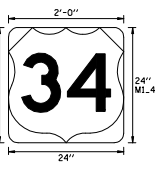
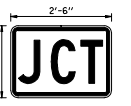

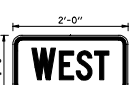
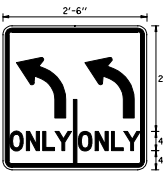

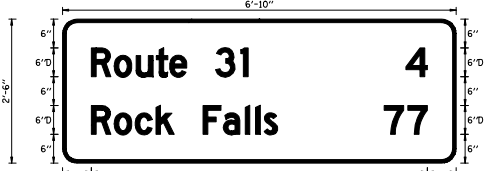
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	DRAWN - SEW	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

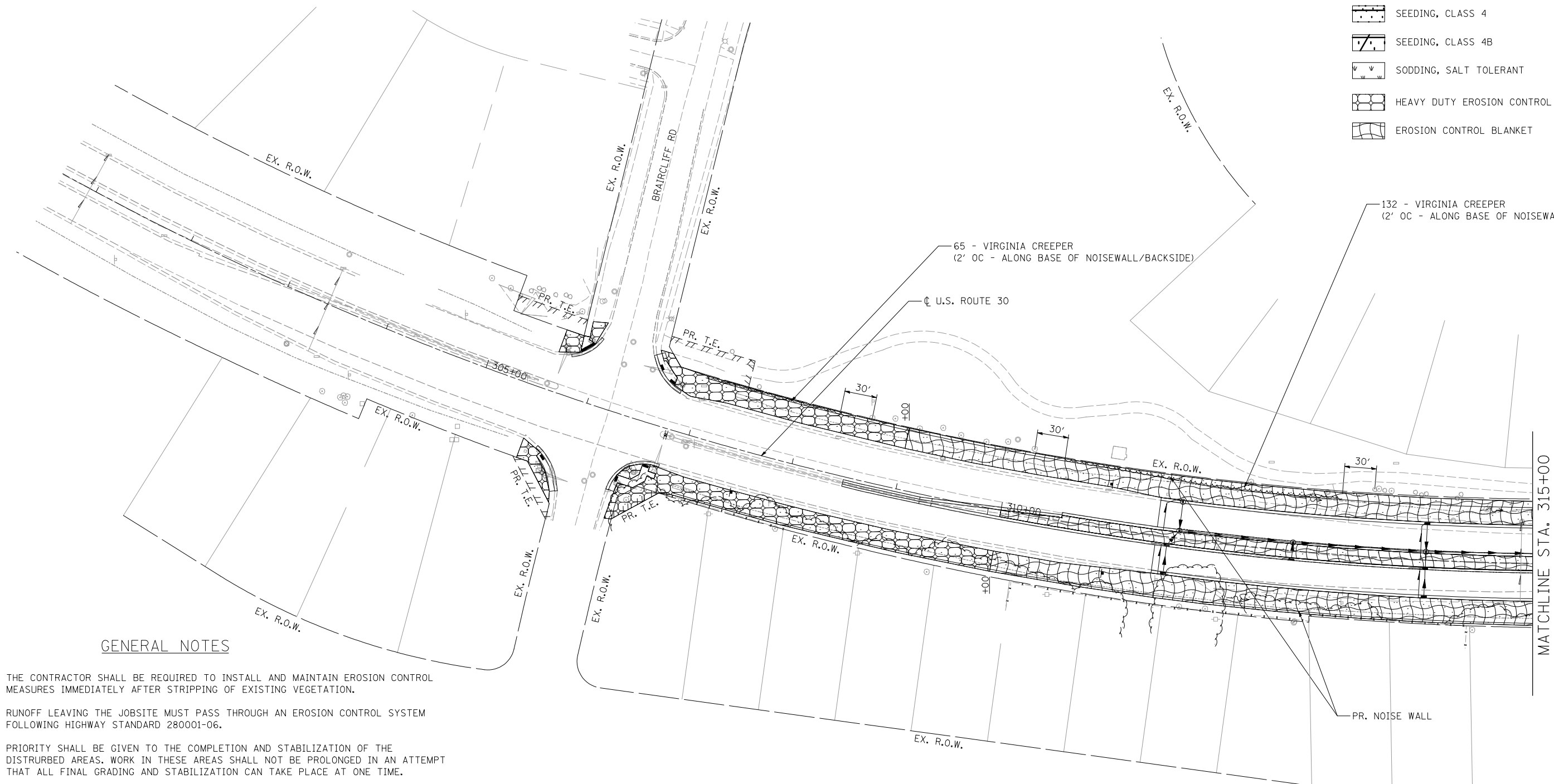
**PAVEMENT MARKING AND SIGNING PLANS  
 U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50'      SHEET NO. 13 OF 13 SHEETS      STA. 441+00.00 TO STA. 449+58.31

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	234
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

<p>R2-1</p>  <p>Panel Style: regulatory.sst MULT.C.D.: 2009 Edition</p>	<p>R3-5R</p>  <p>Panel Style: regulatory.sst MULT.C.D.: 2009 Edition</p>	<p>R3-5L</p>  <p>Panel Style: regulatory.sst MULT.C.D.: 2009 Edition</p>	<p>R3-7</p>  <p>Panel Style: regulatory.sst MULT.C.D.: 2009 Edition</p>	<p>R4-7</p>  <p>Panel Style: regulatory.sst MULT.C.D.: 2009 Edition</p>	<p>R10-5</p>  <p>Panel Style: regulatory.sst MULT.C.D.: 2009 Edition</p>	<p>W1-7</p>  <p>Panel Style: warning.sst MULT.C.D.: 2009 Edition</p>
<p>W3-3</p>  <p>Panel Style: warning.sst MULT.C.D.: 2009 Edition</p>	<p>W11-8</p>  <p>BORDER R=1.38" TH=0.75" IN=0.5" Panel Style: warning.sst MULT.C.D.: 2009 Edition</p>	<p>W16-8P</p>  <p>BORDER R=1.38" TH=0.75" IN=0.5" Panel Style: WARN.sst MULT.C.D.: 2009 Edition</p>	<p>M1-4</p>  <p>BORDER R=2" Panel Style: guide.us.route.sst MULT.C.D.: 2009 Edition</p>	<p>M1-4</p>  <p>BORDER R=2" Panel Style: guide.us.route.sst MULT.C.D.: 2009 Edition</p>	<p>M2-1</p>  <p>Panel Style: regulatory.sst MULT.C.D.: 2009 Edition</p>	<p>M3-2</p>  <p>Panel Style: regulatory.sst MULT.C.D.: 2009 Edition</p>
<p>M3-4</p>  <p>Panel Style: regulatory.sst MULT.C.D.: 2009 Edition</p>	 <p>BORDER R=1.37" TH=0.75" IN=0.5" Panel Style: regulatory.sst MULT.C.D.: 2009 Edition</p>	 <p>BORDER R=1.69" TH=0.94" IN=0.56" Panel Style: regulatory.sst MULT.C.D.: 2009 Edition</p>	 <p>BORDER R=3" TH=0.75" Panel Style: guide.con.distance.sst MULT.C.D.: 2009 Edition</p>			

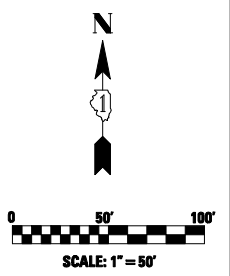
□ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS



- ### LEGEND
- SEEDING, CLASS 2A
  - SEEDING, CLASS 4
  - SEEDING, CLASS 4B
  - SODDING, SALT TOLERANT
  - HEAVY DUTY EROSION CONTROL BLANKET
  - EROSION CONTROL BLANKET

### GENERAL NOTES

1. THE CONTRACTOR SHALL BE REQUIRED TO INSTALL AND MAINTAIN EROSION CONTROL MEASURES IMMEDIATELY AFTER STRIPPING OF EXISTING VEGETATION.
2. RUNOFF LEAVING THE JOBSITE MUST PASS THROUGH AN EROSION CONTROL SYSTEM FOLLOWING HIGHWAY STANDARD 280001-06.
3. PRIORITY SHALL BE GIVEN TO THE COMPLETION AND STABILIZATION OF THE DISTURBED AREAS. WORK IN THESE AREAS SHALL NOT BE PROLONGED IN AN ATTEMPT THAT ALL FINAL GRADING AND STABILIZATION CAN TAKE PLACE AT ONE TIME.
4. PERMANENT LANDSCAPING ITEMS SHALL BE IMPLEMENTED IN CONJUNCTION WITH CONSTRUCTION STAGING.
5. VILLAGE WATER AND SEWER MAINS MAY BE LOCATED IN THE LANDSCAPE AREA.
6. THE CONTRACTOR WILL NOT BE ALLOWED TO PROCEED WITH ANY PLANTING WORK UNTIL ALL UTILITY OWNERS FIELD LOCATE THEIR FACILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS.
7. THE ACTUAL LOCATION OF PROPOSED LANDSCAPING WILL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES.
8. UNDERBRUSH OR DEBRIS AT PLANTING LOCATIONS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COSTS SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
10. FERTILIZER NUTRIENTS SHALL BE APPLIED AT THE RATE SPECIFIED IN SECTIONS 250 & 252 OF THE STANDARD SPECIFICATIONS.
11. PLANTINGS SHOULD BE 10' MIN. FROM RIPRAP AND 5' MIN. BEHIND GUARDRAIL.
12. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 AND 4B SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
13. THE LOCATION OF ALL PLANT MATERIAL SHALL BE STAKED BY CONTRACTOR. THE ENGINEER WILL CONTACT FABIOLA QUIROZ OF THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4596, AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT APPROVAL OF THE TREES, SHRUBS, AND VINES. INDIVIDUAL TREES SHALL BE MARKED WITH IDENTITIES WRITTEN ON THE FLAGS. FLAGS SHALL BE OF VARIOUS COLORS DENOTING THE VARIOUS TREE TYPES. SHRUBS SHALL BE OUTLINED WITH STAKES AND PAINTED LINES.
14. BUILD BERMS BETWEEN INLETS ON THE PROPOSED MEDIAN FROM STA 435+00.00 TO STA 441+75.00. SEE DETAIL.



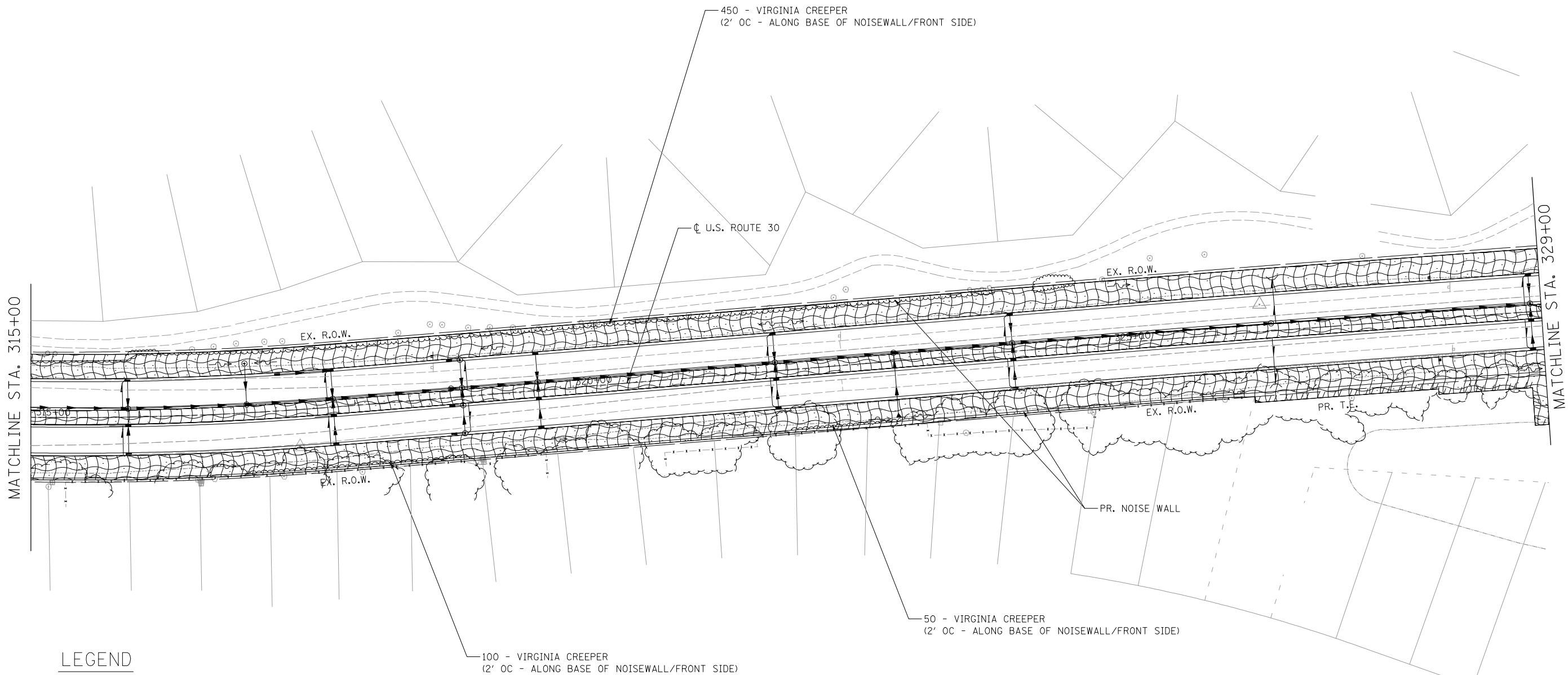
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	DRAWN - RK	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 6/8/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PERMANENT EROSION CONTROL AND LANDSCAPING PLANS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50'    SHEET NO. 1 OF 10 SHEETS    STA. 300+64.50 TO STA. 315+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	236
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

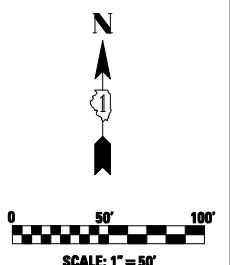


**LEGEND**

- SEEDING, CLASS 2A
- SEEDING, CLASS 4
- SEEDING, CLASS 4B
- SODDING, SALT TOLERANT
- HEAVY DUTY EROSION CONTROL BLANKET
- EROSION CONTROL BLANKET

100 - VIRGINIA CREEPER  
(2' OC - ALONG BASE OF NOISEWALL/FRONT SIDE)

50 - VIRGINIA CREEPER  
(2' OC - ALONG BASE OF NOISEWALL/FRONT SIDE)



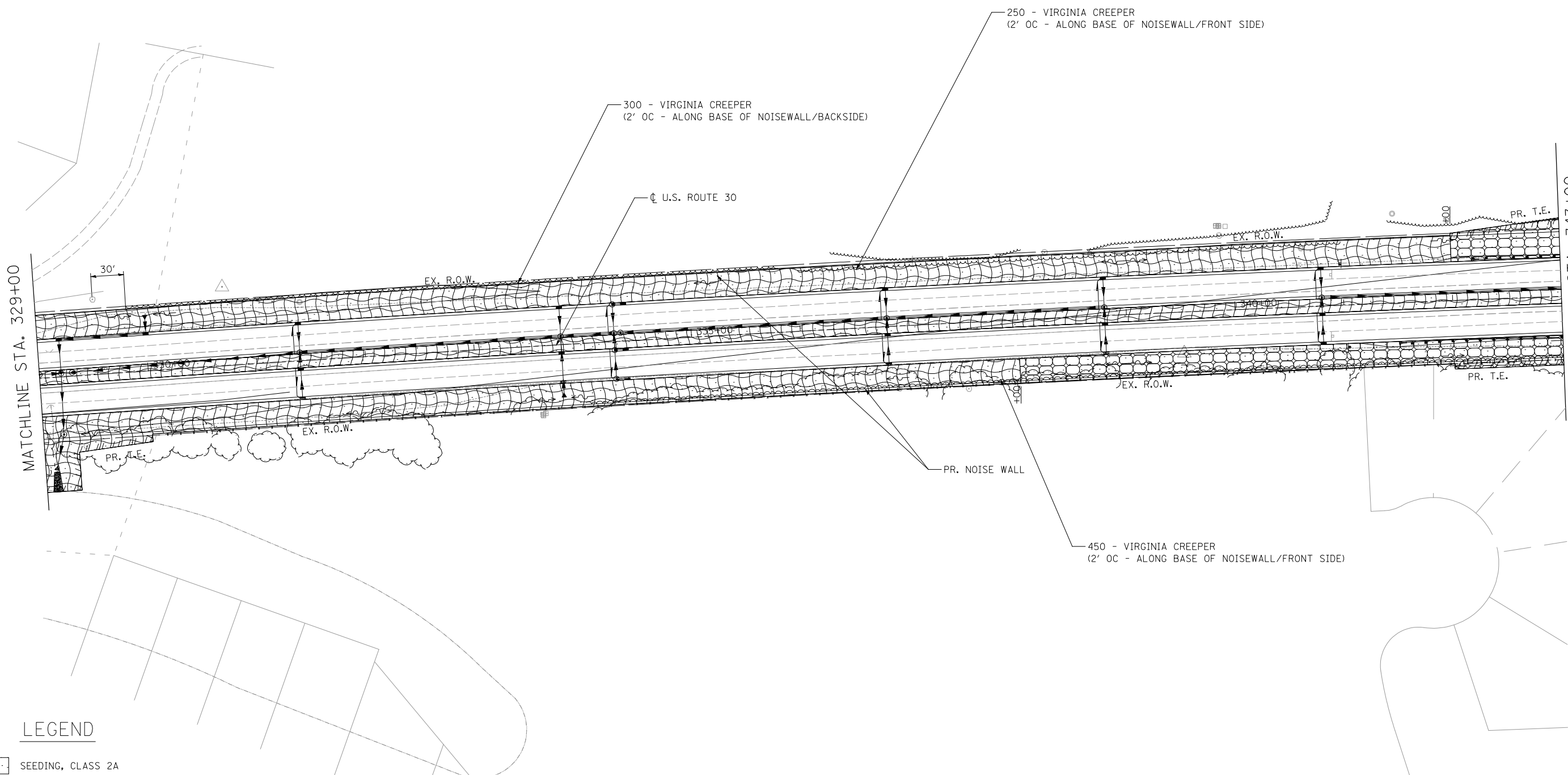
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	DRAWN - RK	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 6/8/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**







**PERMANENT EROSION CONTROL AND LANDSCAPING PLANS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50'    SHEET NO. 2 OF 10 SHEETS    STA. 315+00.00 TO STA. 329+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	237
CONTRACT NO. 60I32				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**LEGEND**

-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4
-  SEEDING, CLASS 4B
-  SODDING, SALT TOLERANT
-  HEAVY DUTY EROSION CONTROL BLANKET
-  EROSION CONTROL BLANKET

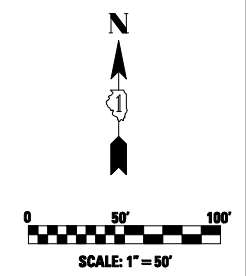


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PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 6/8/2012	DATE - 04/2012	REVISED -

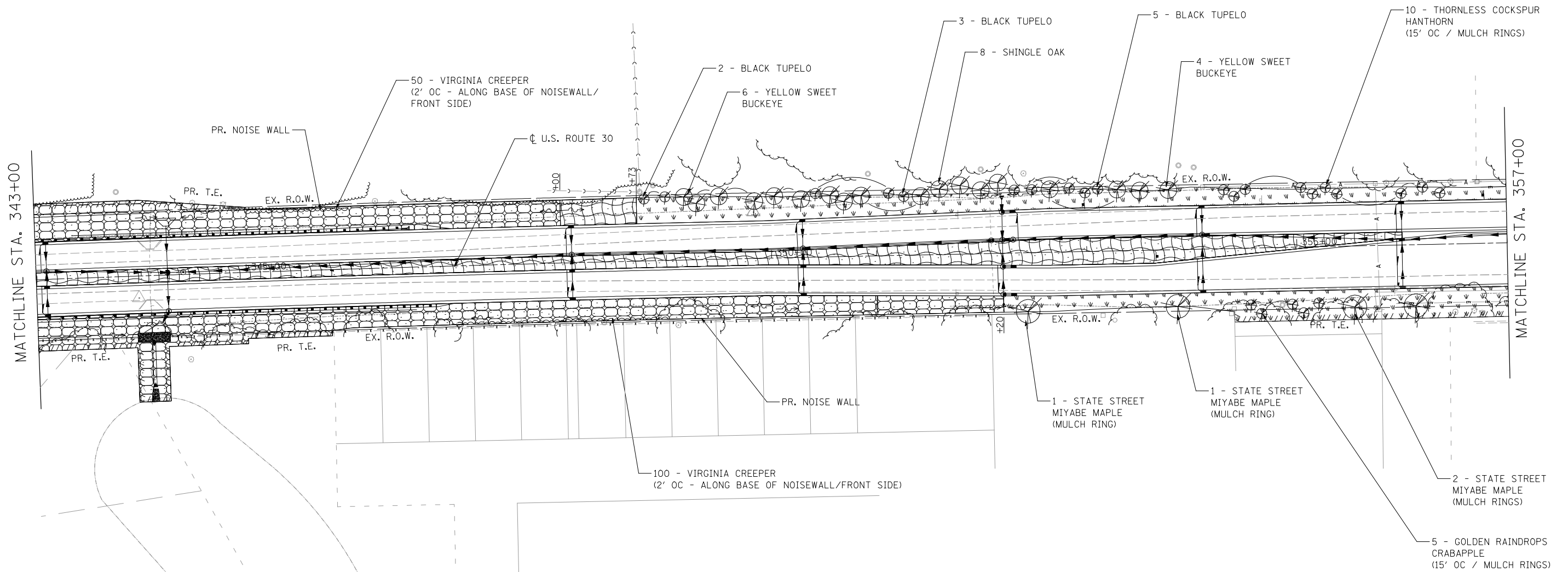
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PERMANENT EROSION CONTROL AND LANDSCAPING PLANS</b>		
<b>U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34</b>		
SCALE: 1"=50'	SHEET NO. 3 OF 10 SHEETS	STA. 329+00.00 TO STA. 343+00.00







F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	238
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60132	

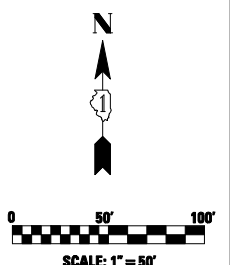






**LEGEND**

-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4
-  SEEDING, CLASS 4B
-  SODDING, SALT TOLERANT
-  HEAVY DUTY EROSION CONTROL BLANKET
-  EROSION CONTROL BLANKET



**LE** LIN ENGINEERING, LTD.  
 Consulting Engineers  
 Chatham, Illinois

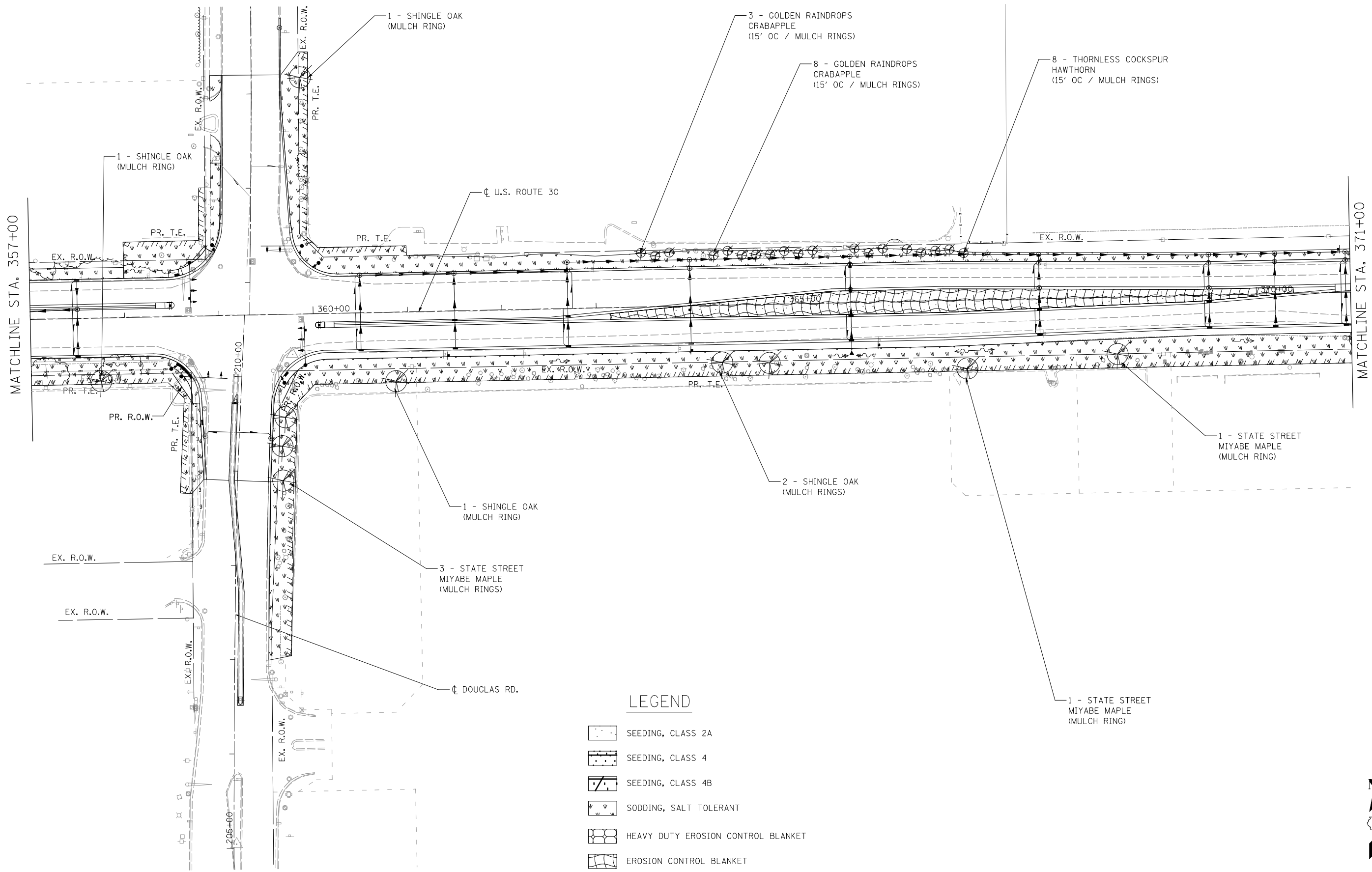
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	DRAWN - RK	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 6/8/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**







**PERMANENT EROSION CONTROL AND LANDSCAPING PLANS  
 U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

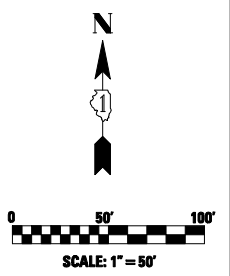
SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 343+00.00 TO STA. 357+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	239
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60I32	



**LEGEND**

-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4
-  SEEDING, CLASS 4B
-  SODDING, SALT TOLERANT
-  HEAVY DUTY EROSION CONTROL BLANKET
-  EROSION CONTROL BLANKET



**Lin Engineering, Ltd.**  
 Consulting Engineers  
 Chatham, Illinois

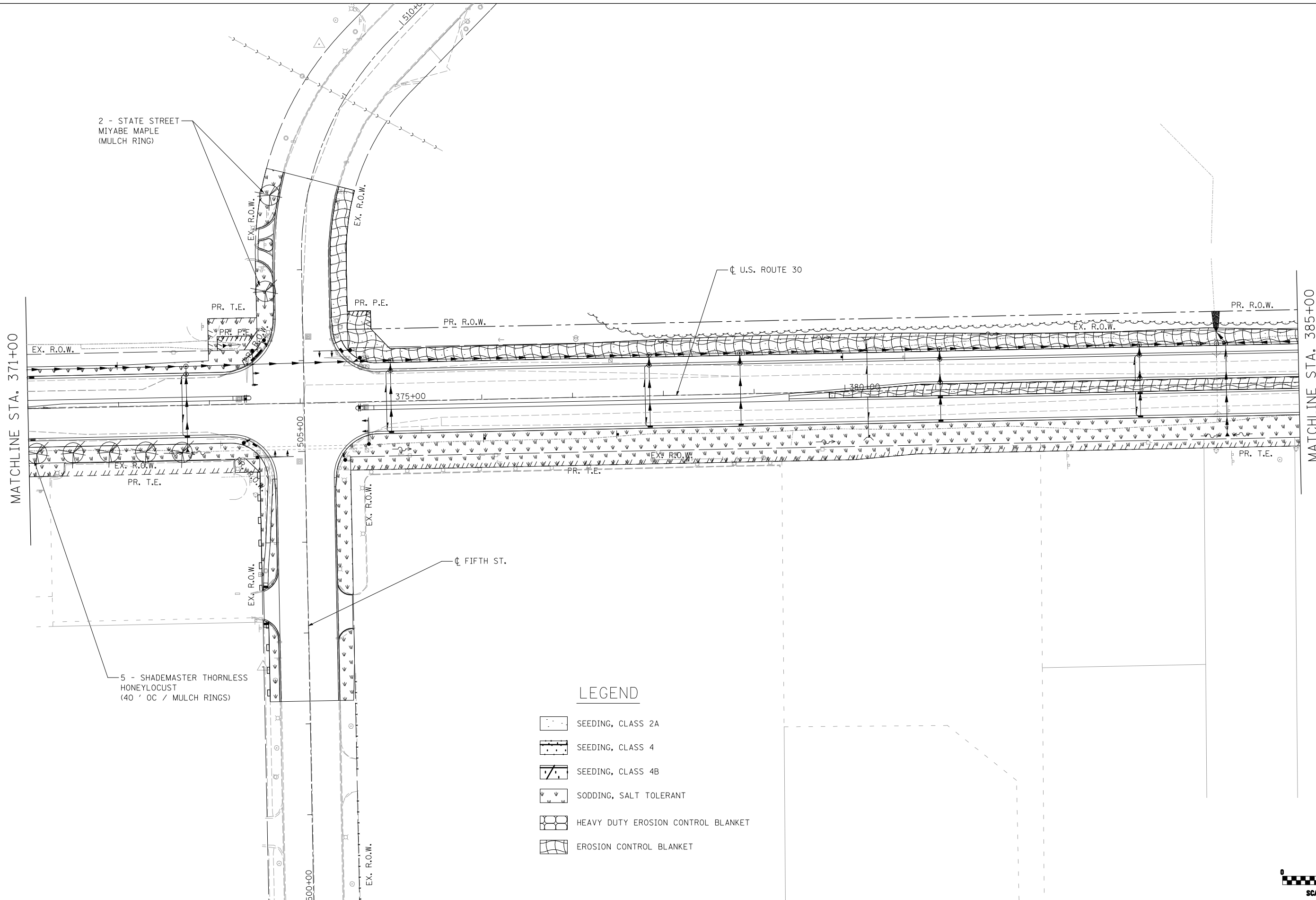
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PLOT SCALE = 100.0000' / IN.	DRAWN - RK	REVISED -
PLOT DATE = 6/8/2012	CHECKED - ST	REVISED -
	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PERMANENT EROSION CONTROL AND LANDSCAPING PLANS  
 U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50'    SHEET NO. 5 OF 10 SHEETS    STA. 357+00.00 TO STA. 371+00.00







F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	240
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

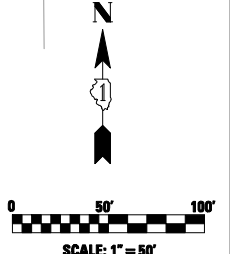


2 - STATE STREET  
MIYABE MAPLE  
(MULCH RING)

5 - SHADEMASTER THORNLESS  
HONEYLOCUST  
(40' OC / MULCH RINGS)

**LEGEND**

-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4
-  SEEDING, CLASS 4B
-  SODDING, SALT TOLERANT
-  HEAVY DUTY EROSION CONTROL BLANKET
-  EROSION CONTROL BLANKET



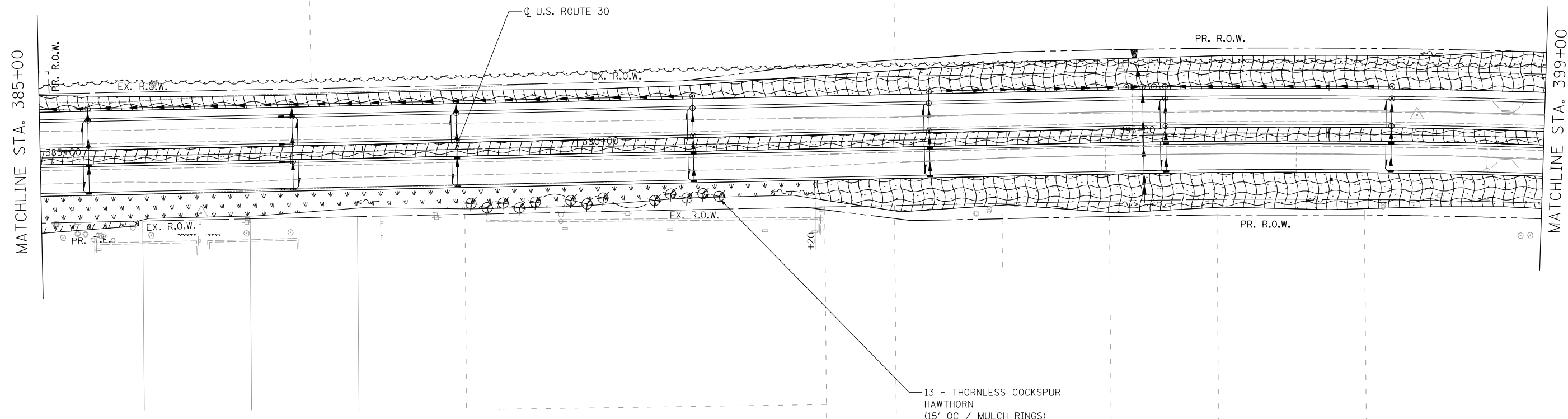
USER NAME = Plotted by Roadways8	DESIGNED - RK	REVISED -
	DRAWN - RK	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 6/8/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**







**PERMANENT EROSION CONTROL AND LANDSCAPING PLANS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

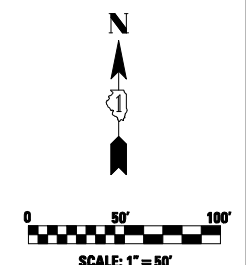
SCALE: 1"=50' SHEET NO. 6 OF 10 SHEETS STA. 371+00.00 TO STA. 385+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	241
CONTRACT NO. 60I32				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**LEGEND**

-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4
-  SEEDING, CLASS 4B
-  SODDING, SALT TOLERANT
-  HEAVY DUTY EROSION CONTROL BLANKET
-  EROSION CONTROL BLANKET



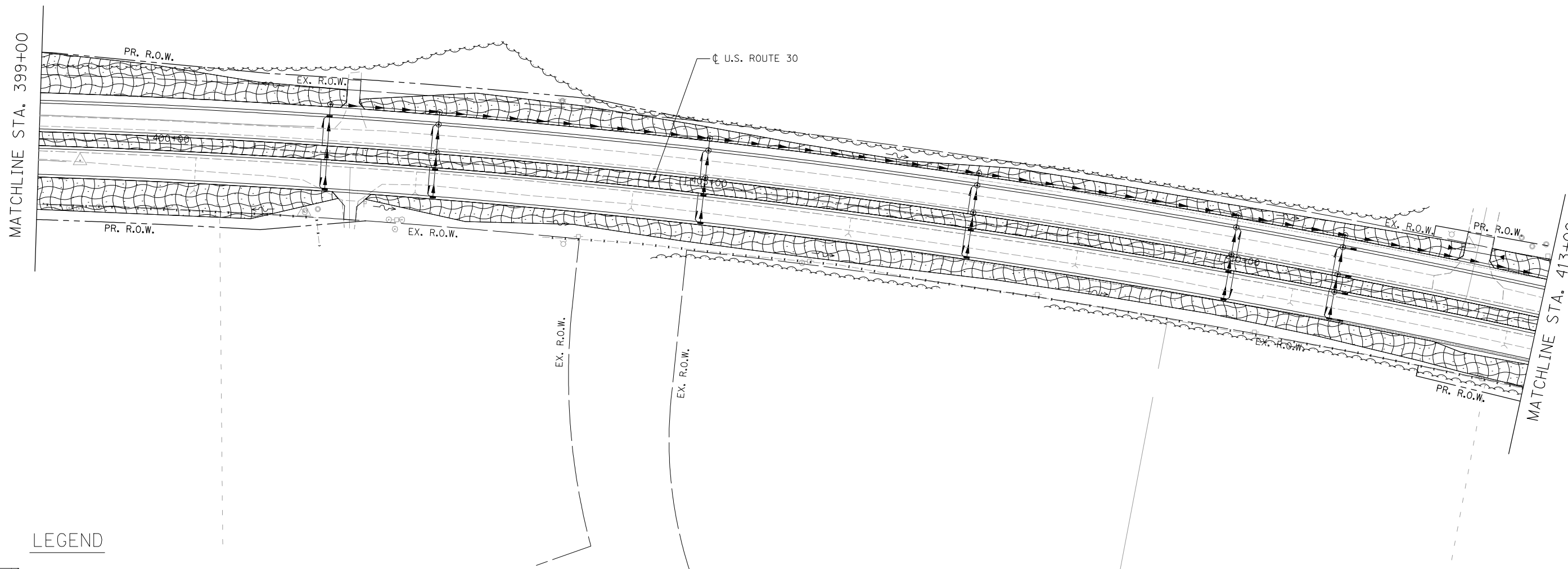
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PLOT DATE = 6/8/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**







**PERMANENT EROSION CONTROL AND LANDSCAPING PLANS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

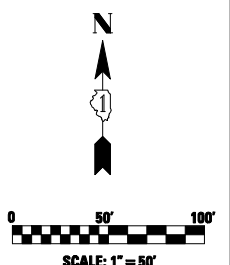
SCALE: 1"=50'    SHEET NO. 7 OF 10 SHEETS    STA. 385+00.00 TO STA. 399+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	242
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**LEGEND**

-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4
-  SEEDING, CLASS 4B
-  SODDING, SALT TOLERANT
-  HEAVY DUTY EROSION CONTROL BLANKET
-  EROSION CONTROL BLANKET



**LE** LIN ENGINEERING, LTD.  
 Consulting Engineers  
 Chatham, Illinois

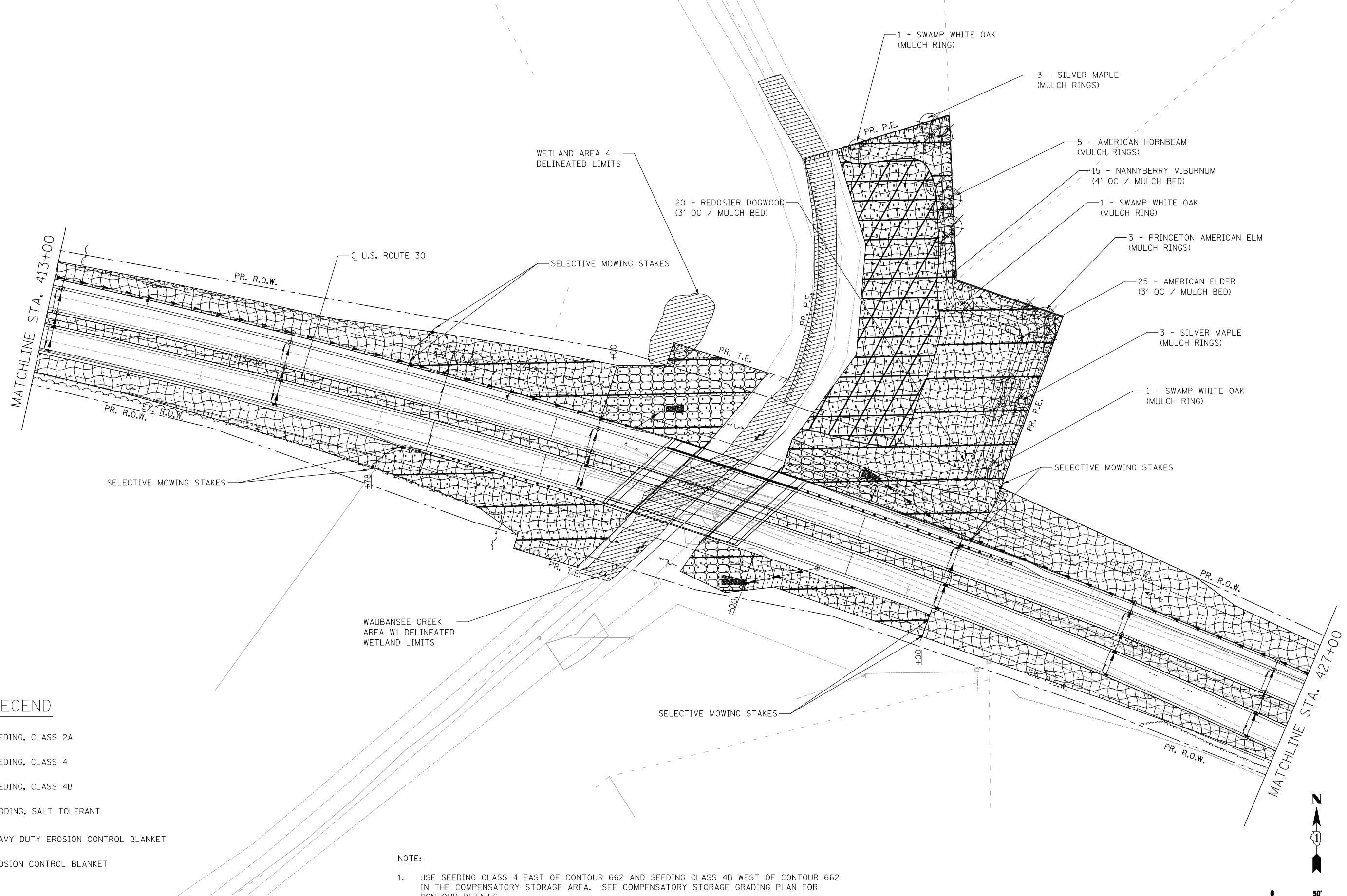
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**







**PERMANENT EROSION CONTROL AND LANDSCAPING PLANS  
 U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50'    SHEET NO. 8 OF 10 SHEETS    STA. 399+00.00 TO STA. 413+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	243
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60132	

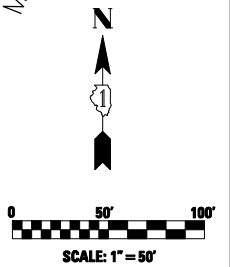


**LEGEND**

-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4
-  SEEDING, CLASS 4B
-  SODDING, SALT TOLERANT
-  HEAVY DUTY EROSION CONTROL BLANKET
-  EROSION CONTROL BLANKET

**NOTE:**

1. USE SEEDING CLASS 4 EAST OF CONTOUR 662 AND SEEDING CLASS 4B WEST OF CONTOUR 662 IN THE COMPENSATORY STORAGE AREA. SEE COMPENSATORY STORAGE GRADING PLAN FOR CONTOUR DETAILS.



USER NAME = Plotted by Roadways8	DESIGNED - RK	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PERMANENT EROSION CONTROL AND LANDSCAPING PLANS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50' SHEET NO. 9 OF 10 SHEETS STA. 413+00.00 TO STA. 427+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	244
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

### SCHEDULE OF LANDSCAPE ITEMS

SCIENTIFIC NAME	COMMON NAME	SIZE	TOTAL	SHEET NUMBER											
				1	2	3	4	5	6	7	8	9	10		
ACER MIYABEI 'MORTON'	STATE STREET MIYABE MAPLE	2" CAL / B&B	11				4	5	2						
AESCULUS OCTANDRA	YELLOW SWEET BUCKEYE	2" CAL / B&B	10				10								
GLEDITSIA TRIACANTHOS 'SHADEMASTER'	SHADEMASTER THORNLESS HONEYLOCUST	2" CAL / B&B	5						5						
NYSSA SYLVATICA	BLACK TUPELO	6' CLUMP	10				10								
QUERCUS BICOLOR	SWAMP WHITE OAK	2" CAL / B&B	3											3	
QUERCUS IMBRICARIA	SHINGLE OAK	2" CAL / B&B	13				8	5							
ULMUS AMERICANA 'PRINCETON'	PRINCETON AMERICAN ELM	2" CAL / B&B	3											3	
ACER SACCHARINUM	SILVER MAPLE	2" CAL / B&B	6											6	
CARPINUS CAROLINIANA	AMERICAN HORNBEAM	5' HEIGHT / B&B	5											5	
	TOTAL		66												
CRATAEGUS CRUSGALLI INERMIS	THORNLESS COCKSPUR HAWTHORN	2" CAL / B&B	31				10	8		13					
MALUS 'GOLDEN RAINDROPS'	GOLDEN RAINDROPS CRABAPPLE	2" CAL / B&B	16				5	11							
CORNUS STOLONIFERA	REDSIER DOGWOOD	3-GAL CONT	20											20	
SAMBUCUS CANADENSIS	AMERICAN ELDER	2' HEIGHT / CONT	25											25	
VIBURNUM LENTAGO	NANNYBERRY VIBURNUM	3' HEIGHT / B&B	15											15	
	TOTAL		107												
PARTHENOCISSUS QUINQUEFOLIA 'ENGELMANNII'	ENGELMAN VIRGINIA CREEPER	1 - GAL CONT	1947	197	600	1000	150								
	TOTAL		1947												

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USER NAME = Plotted by Roadways8	DESIGNED - RK	REVISED -
	DRAWN - RK	REVISED -
PLOT SCALE = 2.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 6/8/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING DETAILS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: N.T.S.      SHEET NO. 3 OF 3 SHEETS      STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	248
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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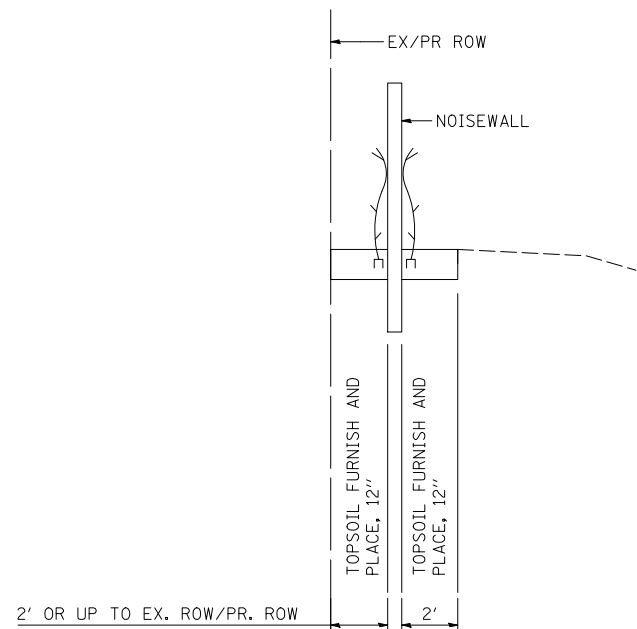
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	DRAWN - RK	REVISED -
PLOT SCALE = 2.0000' / IN.	CHECKED - ST	REVISED -
PLOT DATE = 6/8/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING DETAILS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

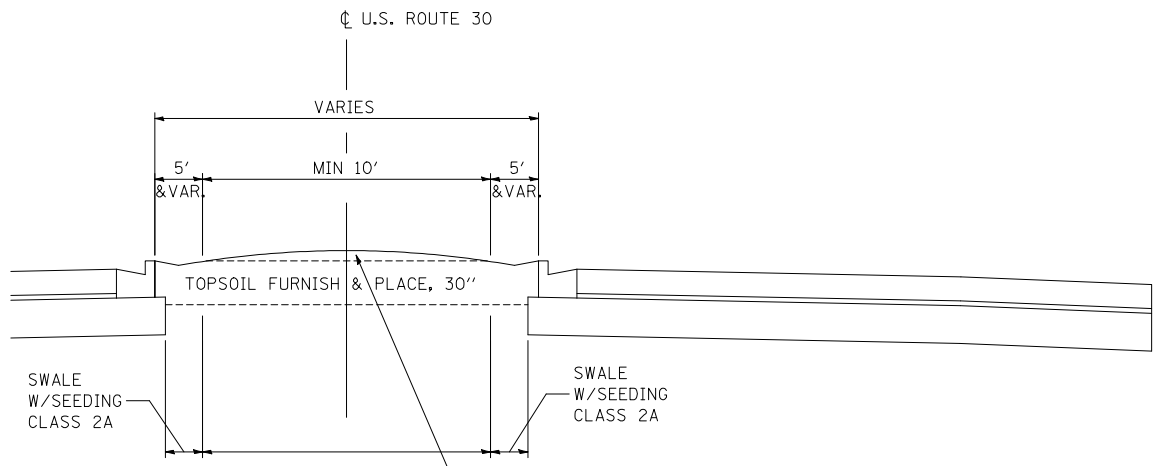
SCALE: N.T.S. SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	247
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



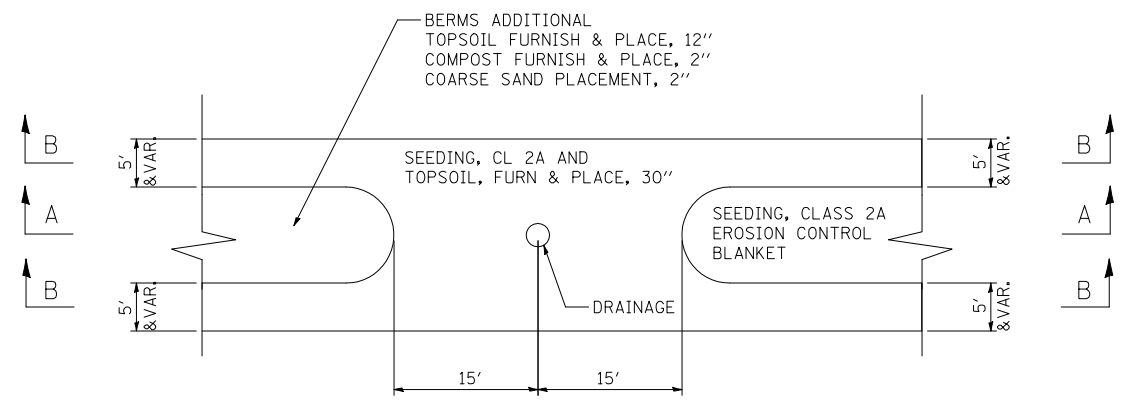
**TYPICAL DETAIL**  
IN AREAS WITH A NOISEWALL

NOTES: THE COST OF FURNISHING AND PLACING THE MULCH ALONG THE NOISEWALL IS INCIDENTAL TO THE PLANTINGS FOR THE NOISEWALL LANDSCAPING.

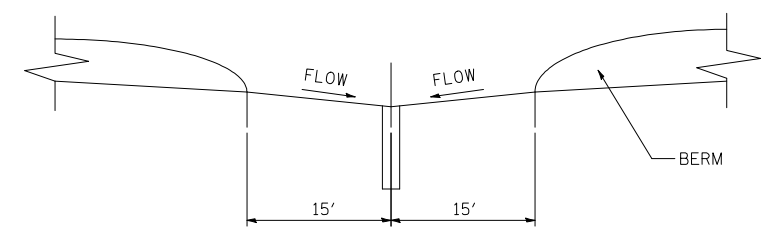


NOTE: THE CROSS SECTIONS WILL INDICATE THE TOPSOIL FURNISH & PLACE, 30".  
THE MINIMUM DEPTH OF SWALE IS 6".

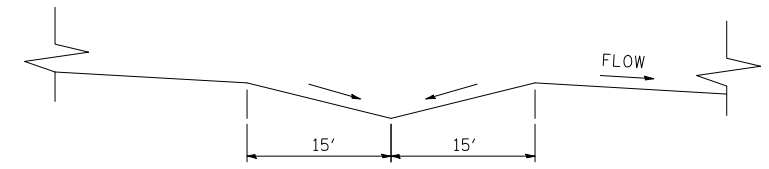
BERM SEEDING, CLASS 2A  
TOPSOIL FURNISH & PLACE, 12"  
COMPOST FURNISH & PLACE, 2"  
COARSE SAND PLACEMENT, 2"  
EROSION CONTROL BLANKET  
NO FERTILIZERS REQUIRED



**PLAN**



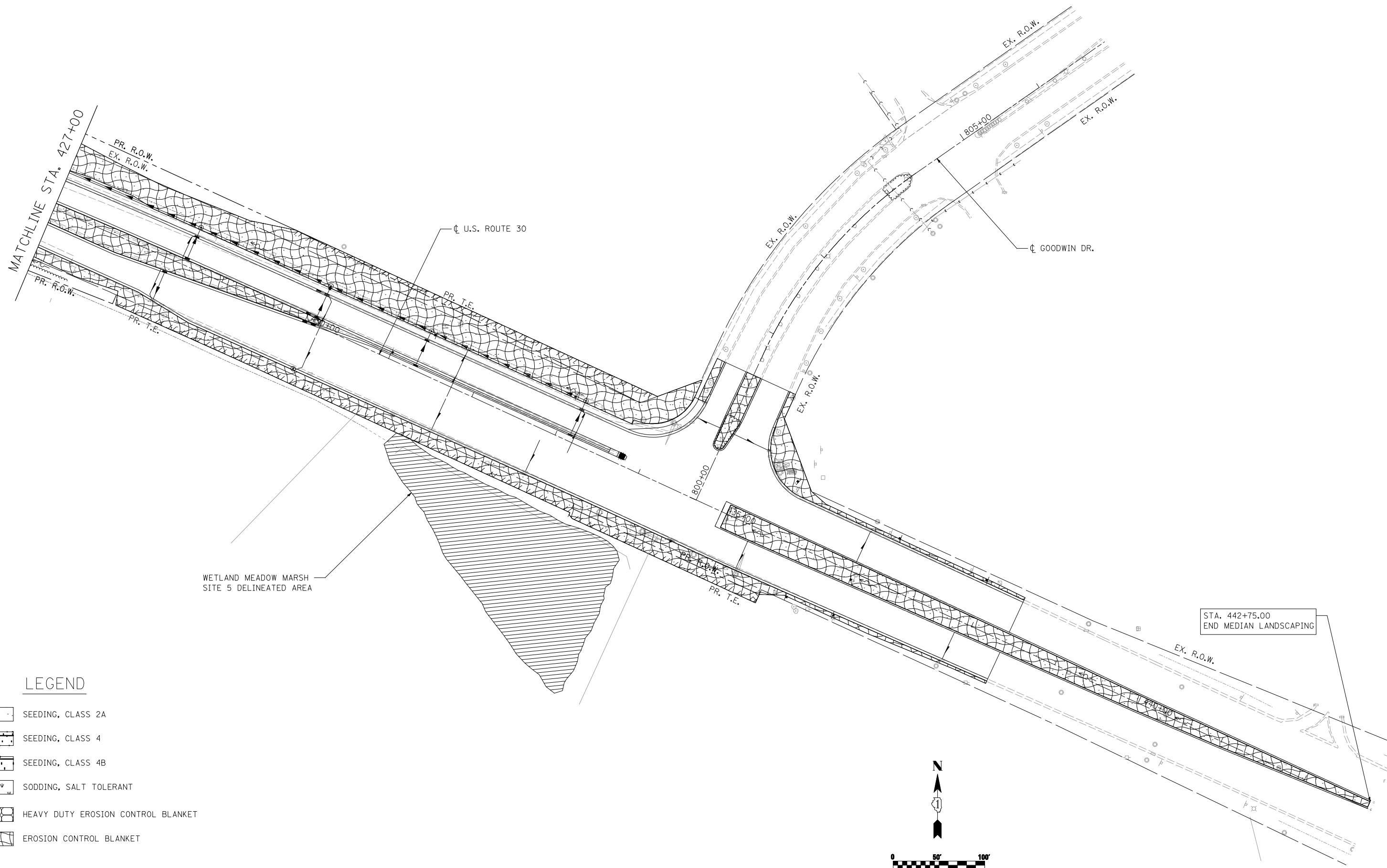
**SECTION A-A**









**SECTION B-B**

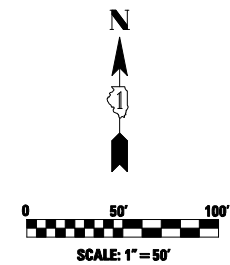
IN AREAS OTHER THAN SAGS THIS DETAIL SHALL APPLY

NOTE: BERM DETAIL TO BE USED FOR MEDIAN FROM STATION 435+00 TO STATION 441+75.



**LEGEND**

-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4
-  SEEDING, CLASS 4B
-  SODDING, SALT TOLERANT
-  HEAVY DUTY EROSION CONTROL BLANKET
-  EROSION CONTROL BLANKET



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PERMANENT EROSION CONTROL AND LANDSCAPING PLANS  
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50'    SHEET NO. 10 OF 10 SHEETS    STA. 427+00.00 TO STA. 442+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	245
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SCHEDULE OF QUANTITIES			US ROUTE 30 AT BRIARCLIFF RD	US ROUTE 30 AT DOUGLAS RD		US ROUTE 30 AT FIFTH ST.	US ROUTE 30 AT GOODWIN DR.		
			TRAFFIC SIGNAL QUANTITY	TRAFFIC SIGNAL QUANTITY	EVP QUANTITY	TRAFFIC SIGNAL QUANTITY	TRAFFIC SIGNAL QUANTITY	EVP QUANTITY	INTERCONNECT QUANTITY
			80% FEDERAL 10% STATE 5% MONTGOMERY 5% OSWEGO TOWNSHIP	80% FEDERAL 10% STATE 5% MONTGOMERY 5% OSWEGO	100% OSWEGO	80% FEDERAL 10% STATE 5% MONTGOMERY 5% OSWEGO	100% MONTGOMERY	100% MONTGOMERY	80% FEDERAL 20% STATE
PAY ITEM	UNIT	TOTAL QUANTITY							
SIGN PANEL - TYPE 1	SO FT	113	33	53		27			
SERVICE INSTALLATION - POLE MOUNTED	EACH	2		1		1			
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	3,994		1,493		766	476		1,259
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	213		103		60	50		
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	256		74		92	90		
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,386		528		505	353		
HANDHOLE	EACH	16		7		4	4		1
HEAVY-DUTY HANDHOLE	EACH	10		4		4	2		
DOUBLE HANDHOLE	EACH	4		2		2			
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	1						1
MASTER CONTROLLER, SPECIAL	EACH	1							1
TRANSCEIVER-FIBER OPTIC	EACH	2		1		1			
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	2,312							2,312
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,687	220	697		770			
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,028		1,414		790		824	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	8,215		3,500		1,830	2,885		
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,690		950		1,740			
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	9,515		4,700		2,900	1,915		
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	178		120		58			
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	2,565		1,000		900	665		
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2		2					
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	6		2		4			
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2		2					
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1				1			
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1				1			
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1				1			
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1				1			
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1		1					
STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	1		1					
CONCRETE FOUNDATION, TYPE A	FOOT	40		16		16	8		
CONCRETE FOUNDATION, TYPE C	FOOT	8		4		4			
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10					10		
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	104		37		54	13		
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21		21					
DRILL EXISTING HANDHOLE	EACH	3					3		
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	22	4	10		8			
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8	4			4			
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	10	4	2		4			
SIGNAL HEAD, L.E.D., 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2		2					
SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2		2					
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	12	4	4		4			
PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2						
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	32	8	12		12			
INDUCTIVE LOOP DETECTOR	EACH	27		15		12			
DETECTOR LOOP, TYPE I	FOOT	144		144					
PREFORMED DETECTOR LOOP	FOOT	2,471		891		1,020	560		
LIGHT DETECTOR	EACH	1			1				
PEDESTRIAN PUSH-BUTTON	EACH	16	8	4		4			
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3		1		1			
RELOCATE EXISTING SIGNAL HEAD	EACH	9					9		
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2					2		
RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	2					2		
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	4			2			2	
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1			1				
MODIFY EXISTING CONTROLLER CABINET	EACH	1	1						
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	376							376
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4	1	1		1		1	
REMOVE EXISTING HANDHOLE	EACH	31		13		12	6		
REMOVE EXISTING CONCRETE FOUNDATION	EACH	23		9		9	5		
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1							1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3		1		1		1	
CONDUIT SPLICE	EACH	1							1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1				1			
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1		1					
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	3	1	1		1			
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MMI2F SM24F	FOOT	2,312							2,312
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1,513			689			824	

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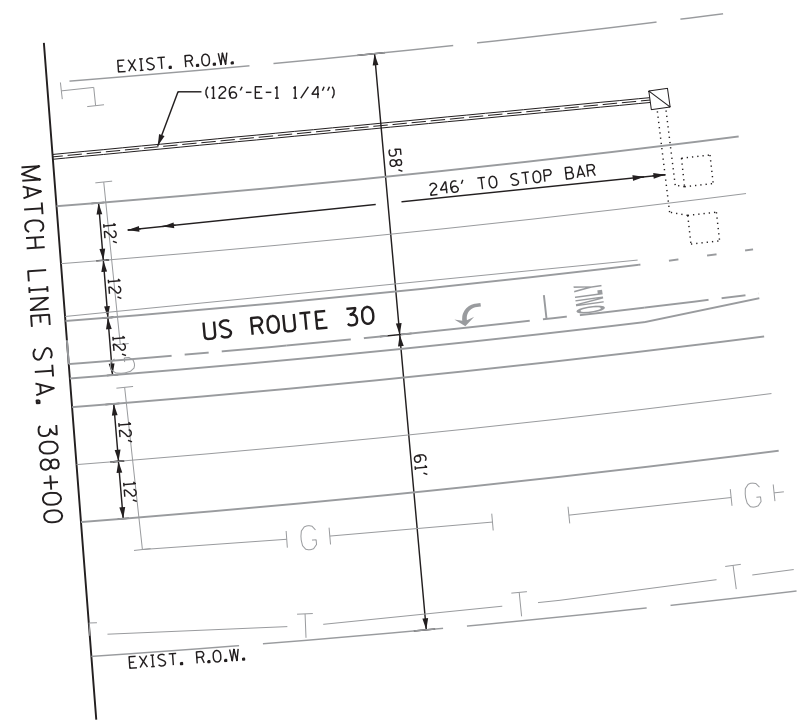
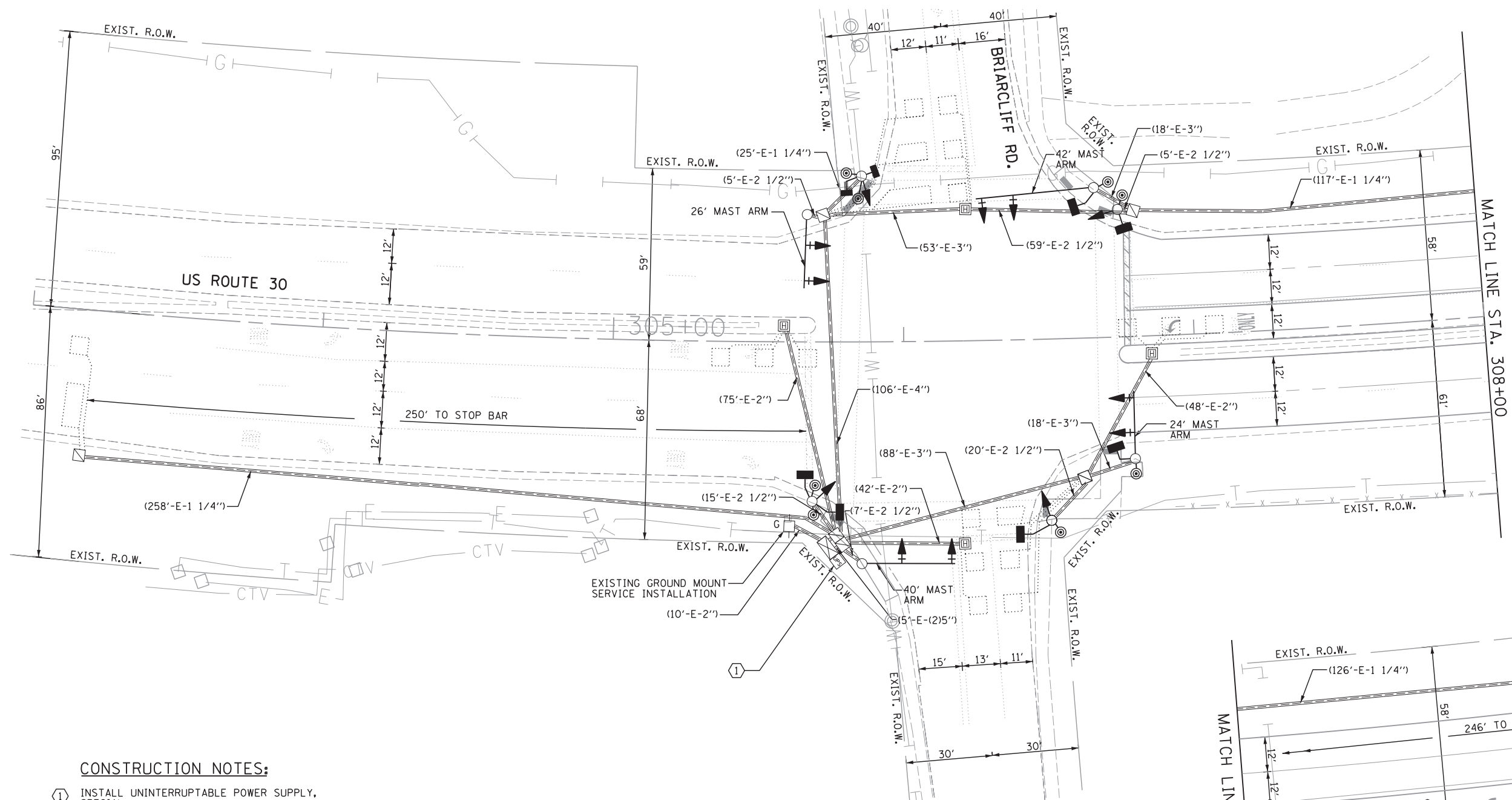
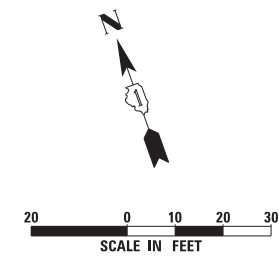
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	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
US ROUTE 30

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	250
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**CONSTRUCTION NOTES:**

- ① INSTALL UNINTERRUPTABLE POWER SUPPLY, SPECIAL.

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

- 8 EACH SIGNAL HEAD, 1-FACE, 5 SECTION
- 4 EACH SIGNAL HEAD, 1-FACE, 3 SECTION
- 4 EACH PEDESTRIAN SIGNAL HEAD, 1 FACE
- 2 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE
- 6 EACH PEDESTRIAN PUSHBUTTON

**RESTORATION OF WORK AREA:**  
 RESTORATION OF THE TRAFFIC SIGNALWORK SHALL BE INCIDENTAL TO RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOVED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

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 DATE -

DESIGNED - VO  
 DRAWN - YJ  
 CHECKED - KGP  
 DATE -

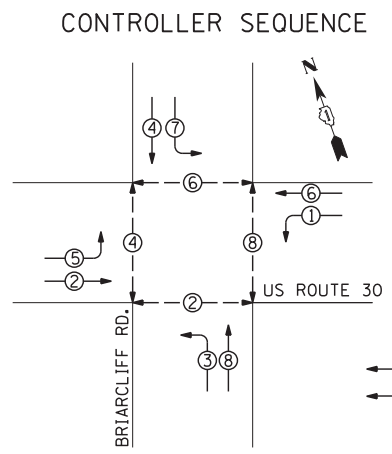
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN  
 US ROUTE 30 AT BRIARCLIFF RD.**

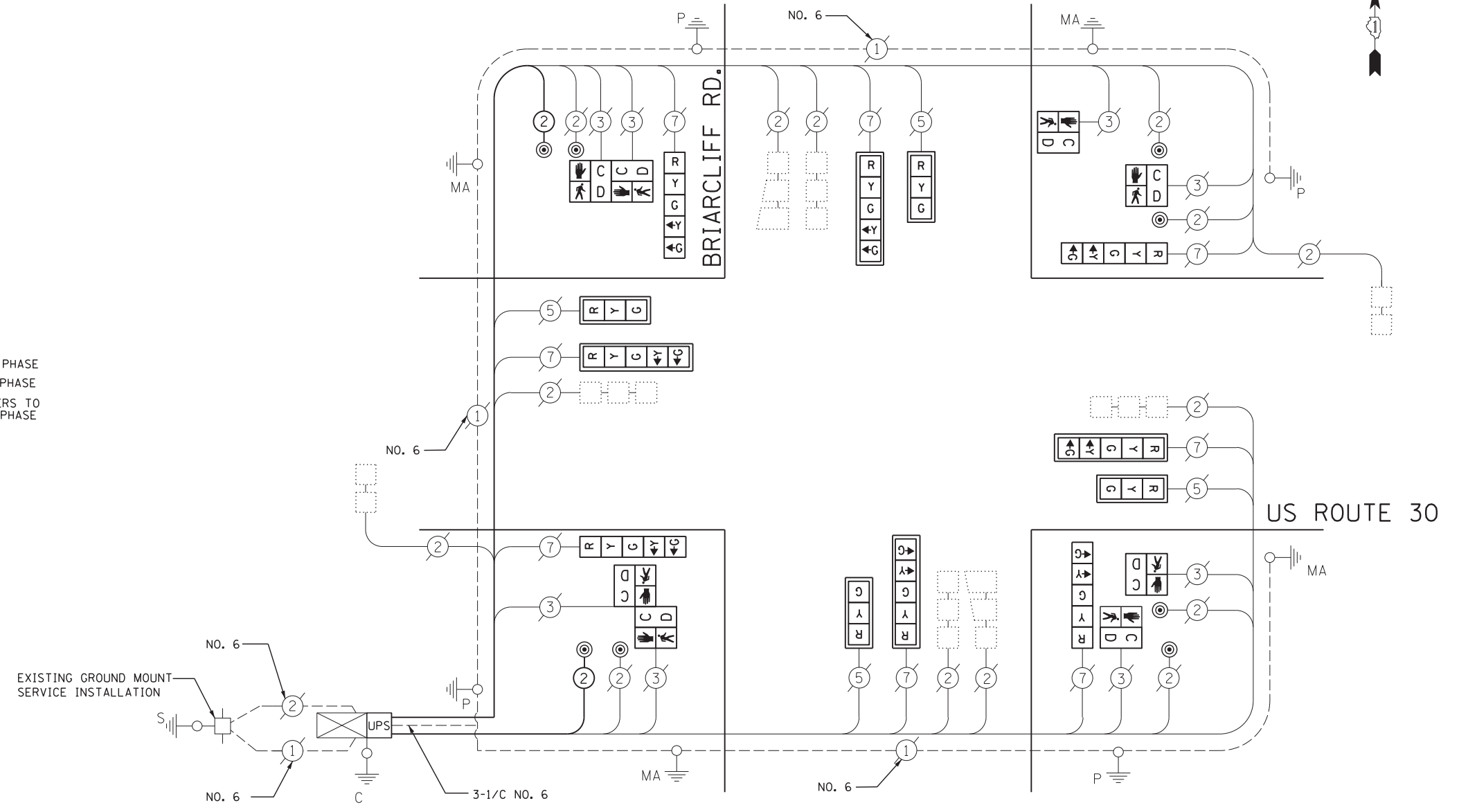
SCALE: 1"=20'      SHEET NO.      OF      SHEETS      STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	251
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**LEGEND**  
 ○ DUAL ENTRY PHASE  
 ○ PEDESTRIAN PHASE  
 • NUMBER REFERS TO ASSOCIATED PHASE

**PHASE DESIGNATION DIAGRAM**



**CABLE PLAN**

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SO FT	33
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	220
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8
PEDESTRIAN PUSH-BUTTON	EACH	8
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO LAMPS	WATTAGE INCAND. LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	17	0.50	102.0
(YELLOW)	12	25	0.25	75.0
(GREEN)	12	15	0.25	45.0
ARROW	16	12	0.10	19.2
PED. SIGNAL	8	25	1.00	200
ILLUM. SIGN	-	25	0.10	-
CONTROLLER	1	100	1.00	100
TOTAL =				541.2

**ENERGY COST TO:**  
 VILLAGE OF MONTGOMERY  
 1300 S. BROADWAY  
 MONTGOMERY, ILLINOIS 60538  
**ENERGY SUPPLY CONTACT:** MARK SHERIBEL  
 PHONE: 630-723-2128  
 COMPANY: COMMONWEALTH EDISON

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PLOT DATE = 4/25/2012	CHECKED - KGP	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM  
 US ROUTE 30 AT BRIARCLIFF RD.**  
 SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	252
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE NEW MAST ARMS AND TRAFFIC SIGNAL CONTROLLER.

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

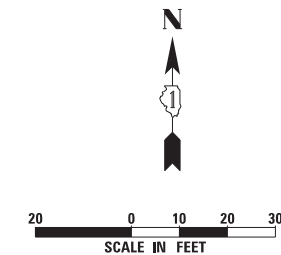
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 4 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 8 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 4 EACH COMBINATION STEEL MAST ARM AND POLE
- 4 EACH SIGNAL POST
- 1 EACH ELECTRICAL SERVICE

TEMPORARY RADIO INTERCONNECT TO FIFTH ST.

STA. 358+72.53, 67.00' LT.

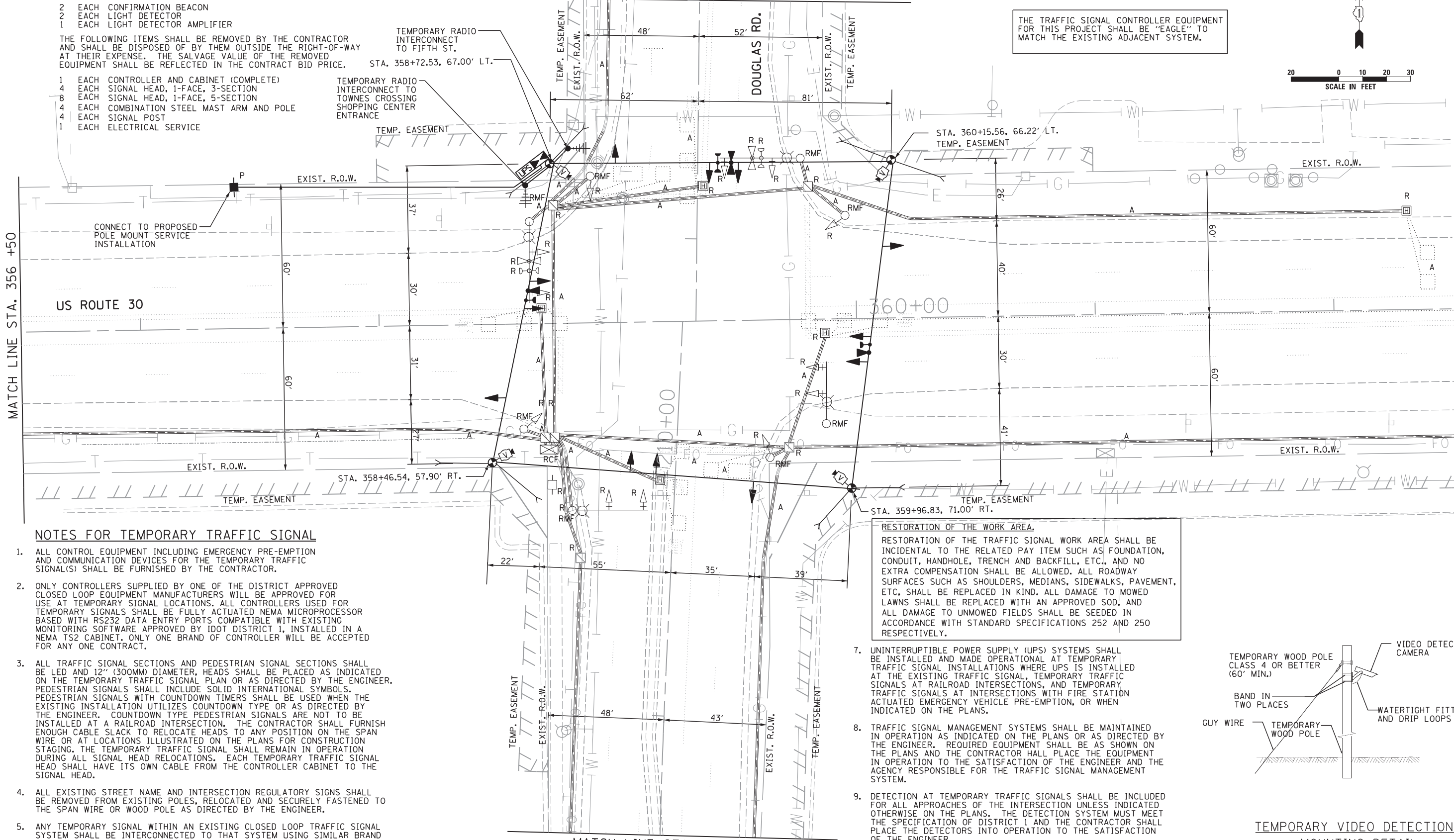
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



MATCH LINE STA. 356 +50

MATCH LINE STA. 212 +00

MATCH LINE STA. 208 +50

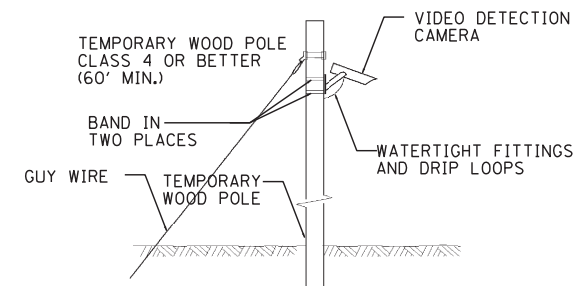


**NOTES FOR TEMPORARY TRAFFIC SIGNAL**

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 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.

**RESTORATION OF THE WORK AREA.**  
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

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 SPECIFICATION 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



**TEMPORARY VIDEO DETECTION MOUNTING DETAIL (NOT TO SCALE)**

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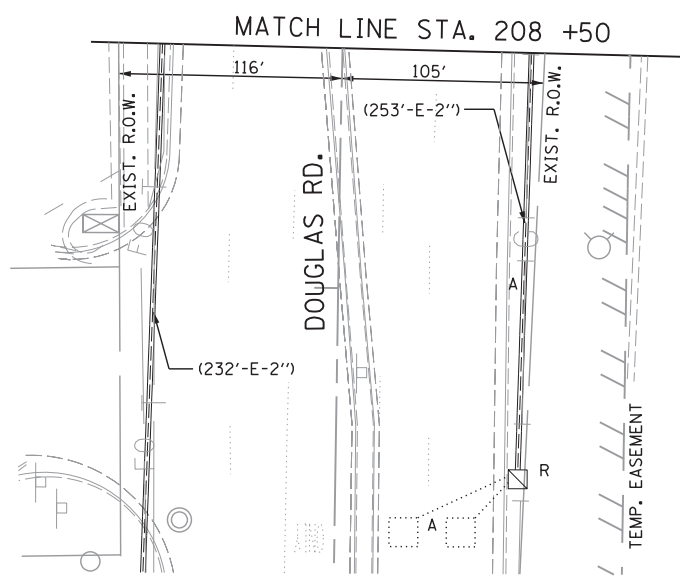
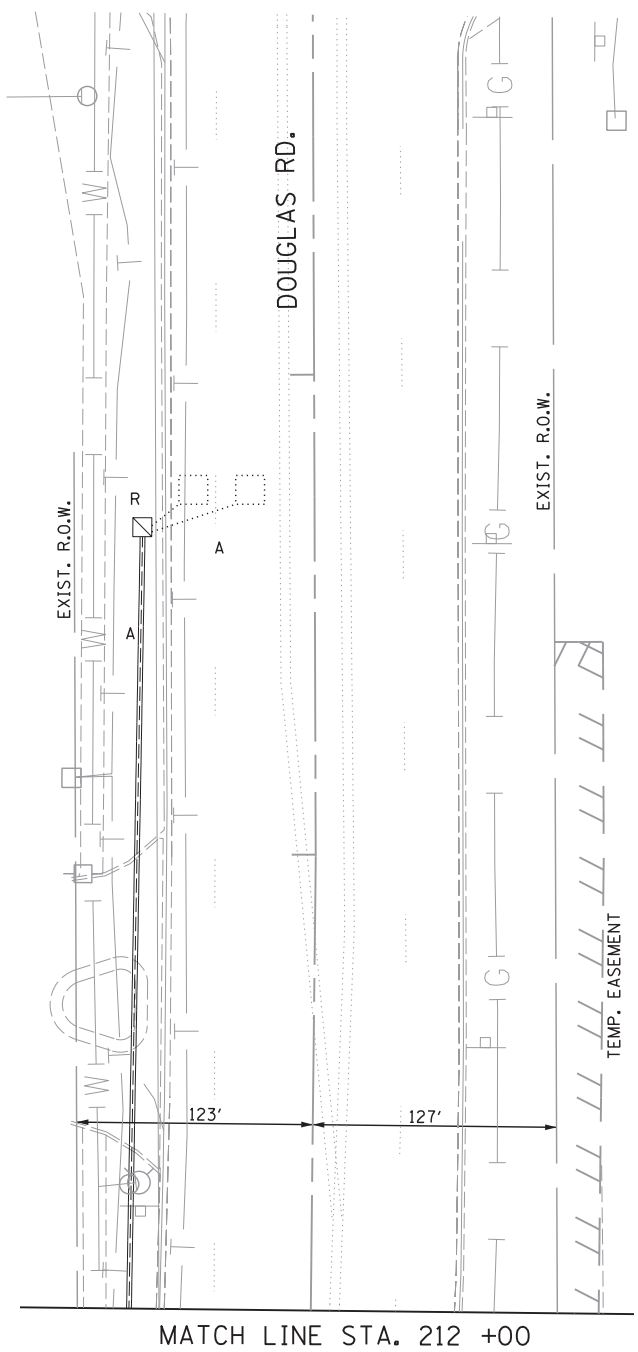
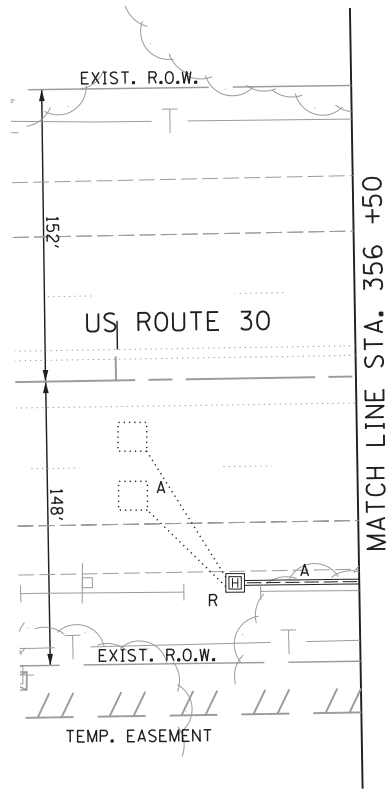
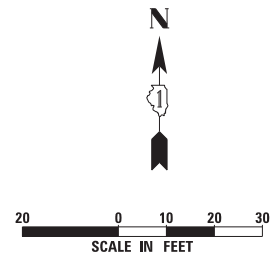
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PLOT DATE = 4/25/2012	CHECKED - KGP	REVISED -
	DATE -	REVISED -

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 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN  
 US ROUTE 30 AT DOUGLAS RD. PRE-STAGE 1

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	253
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTE:**  
 THE TEMPORARY TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

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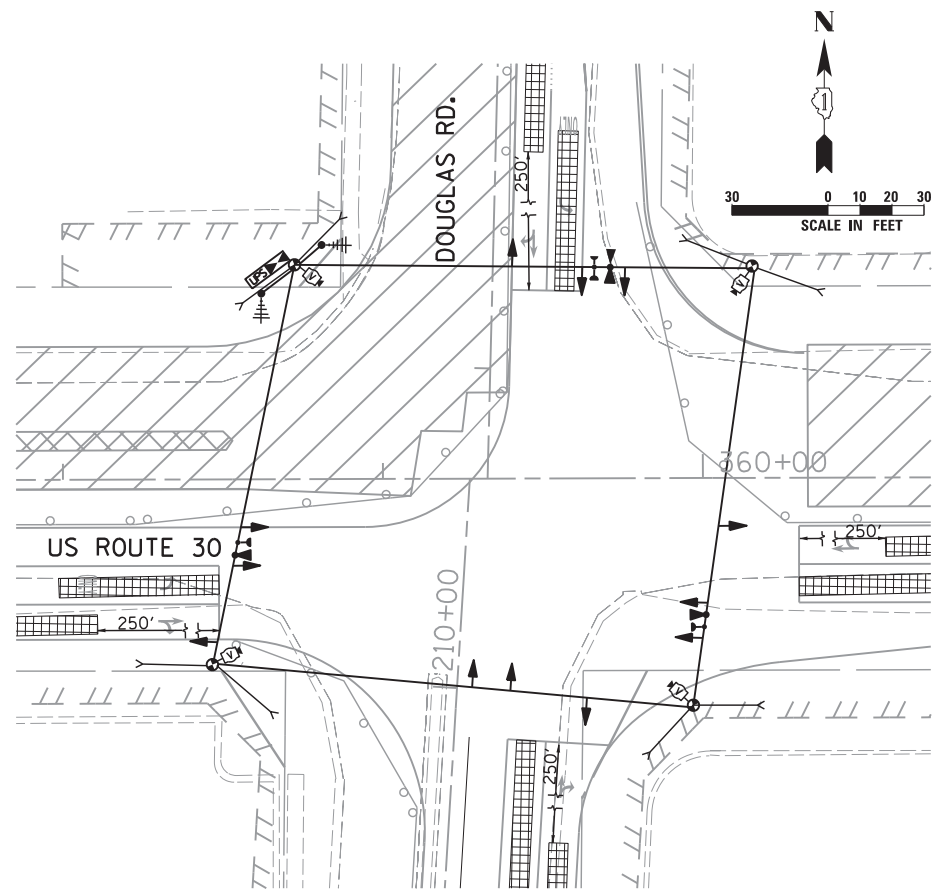
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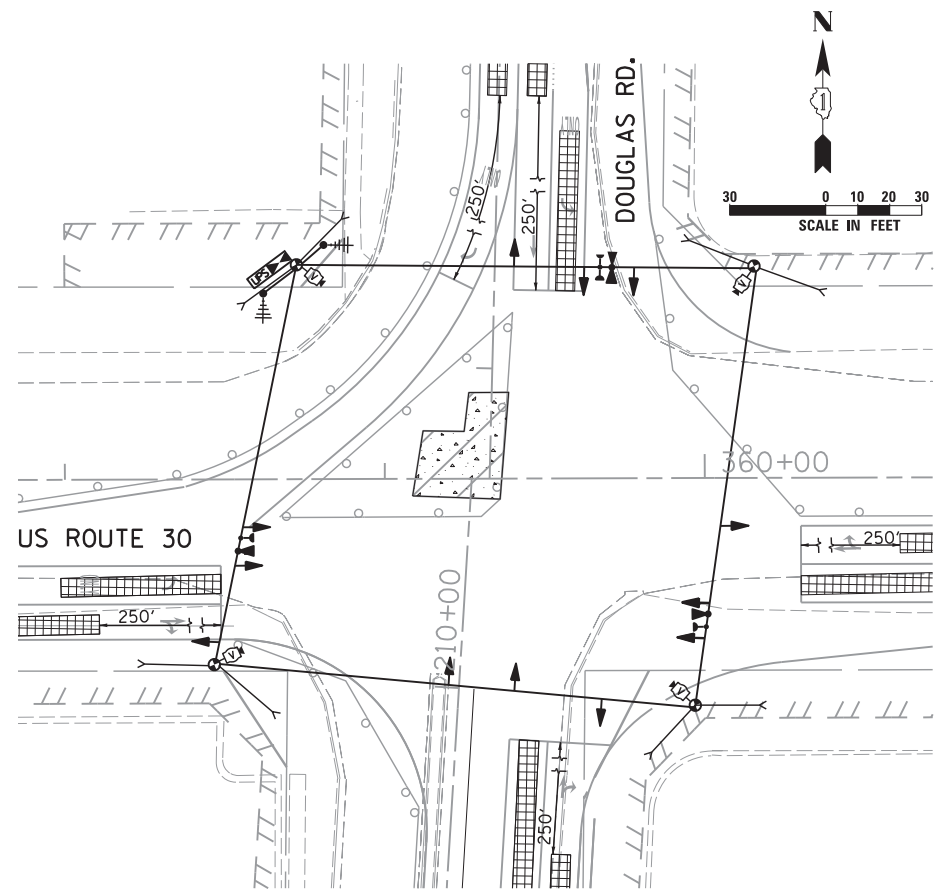
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN  
 US ROUTE 30 AT DOUGLAS RD. PRE-STAGE 1**  
 SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	254
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

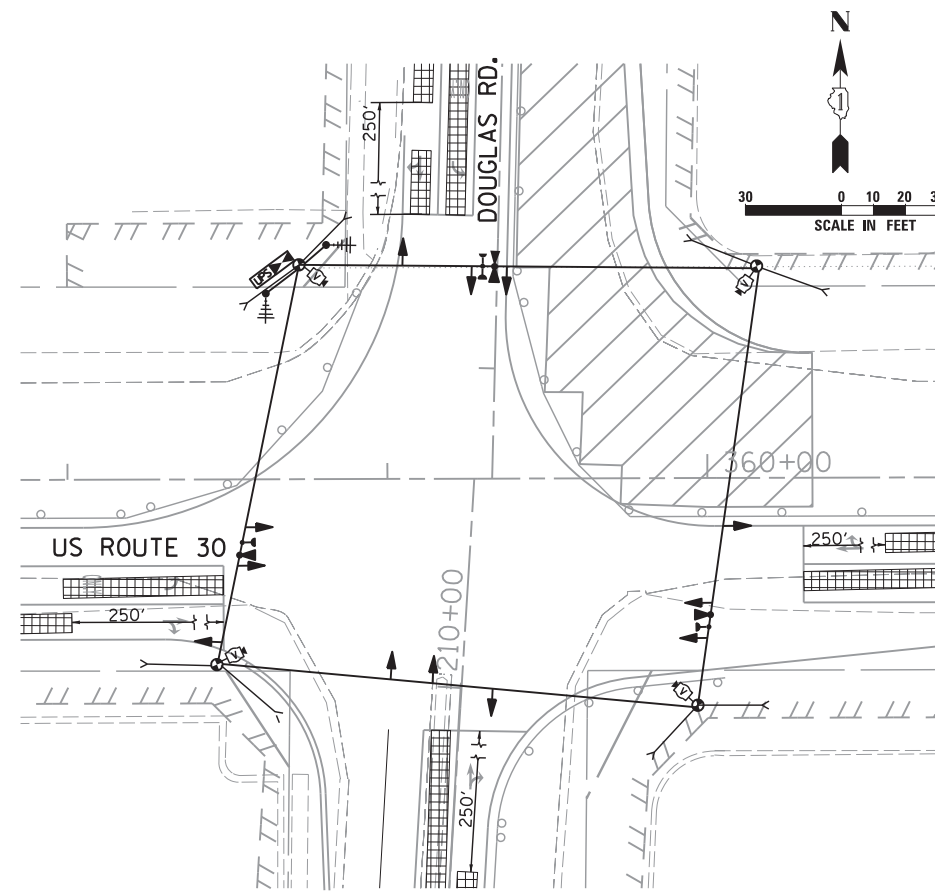




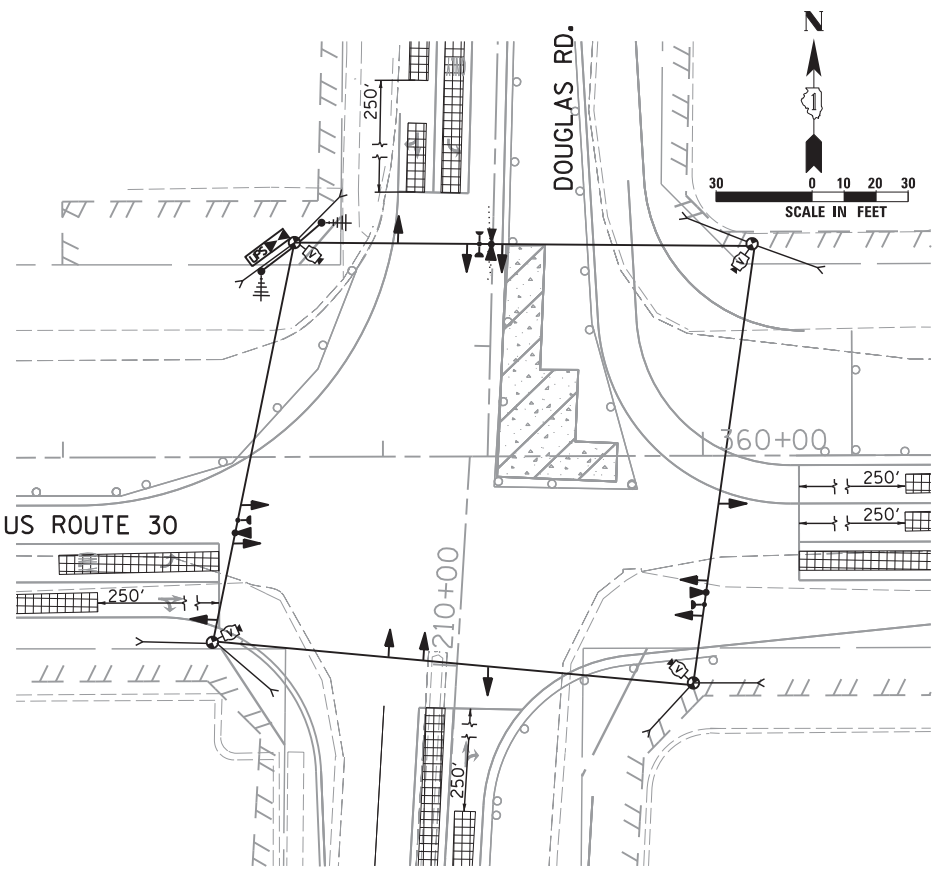
STAGE 1



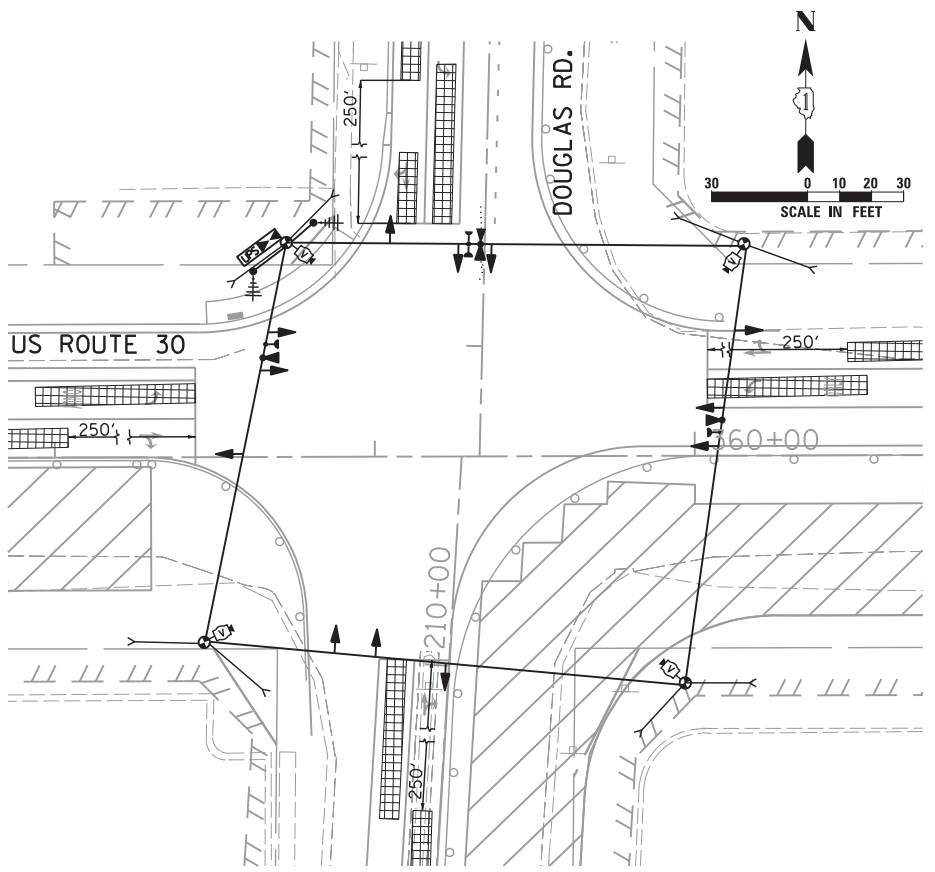
STAGE 1a



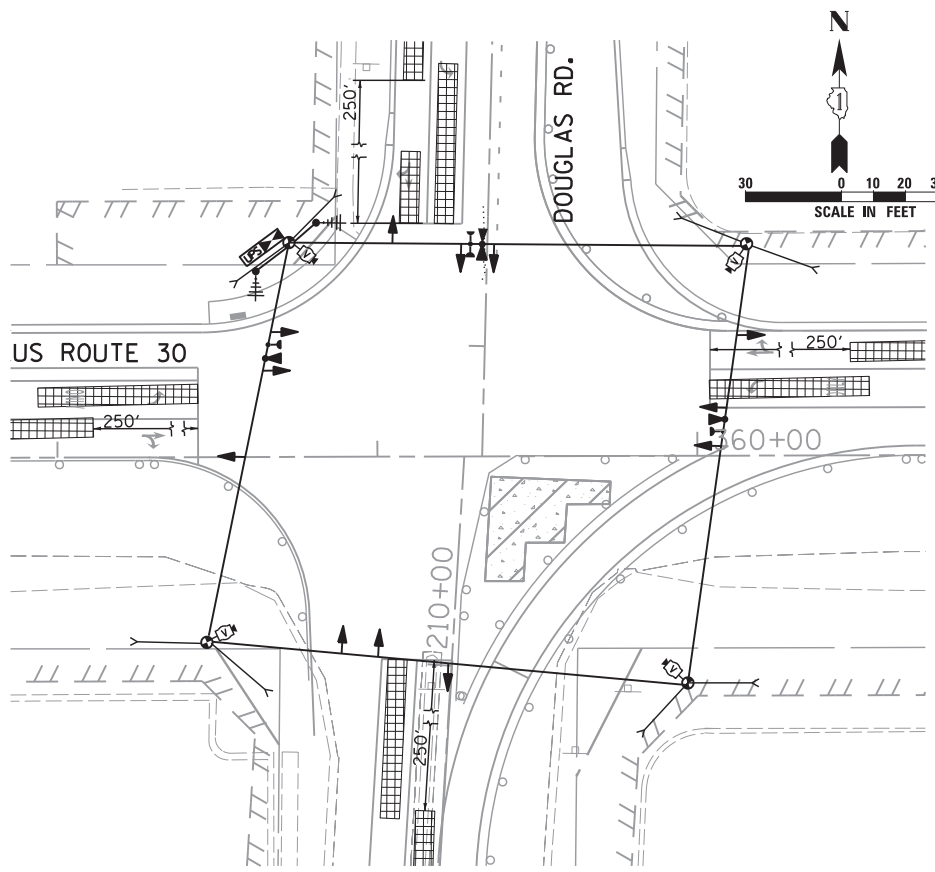
STAGE 1b



STAGE 1c



STAGE 2



STAGE 2a

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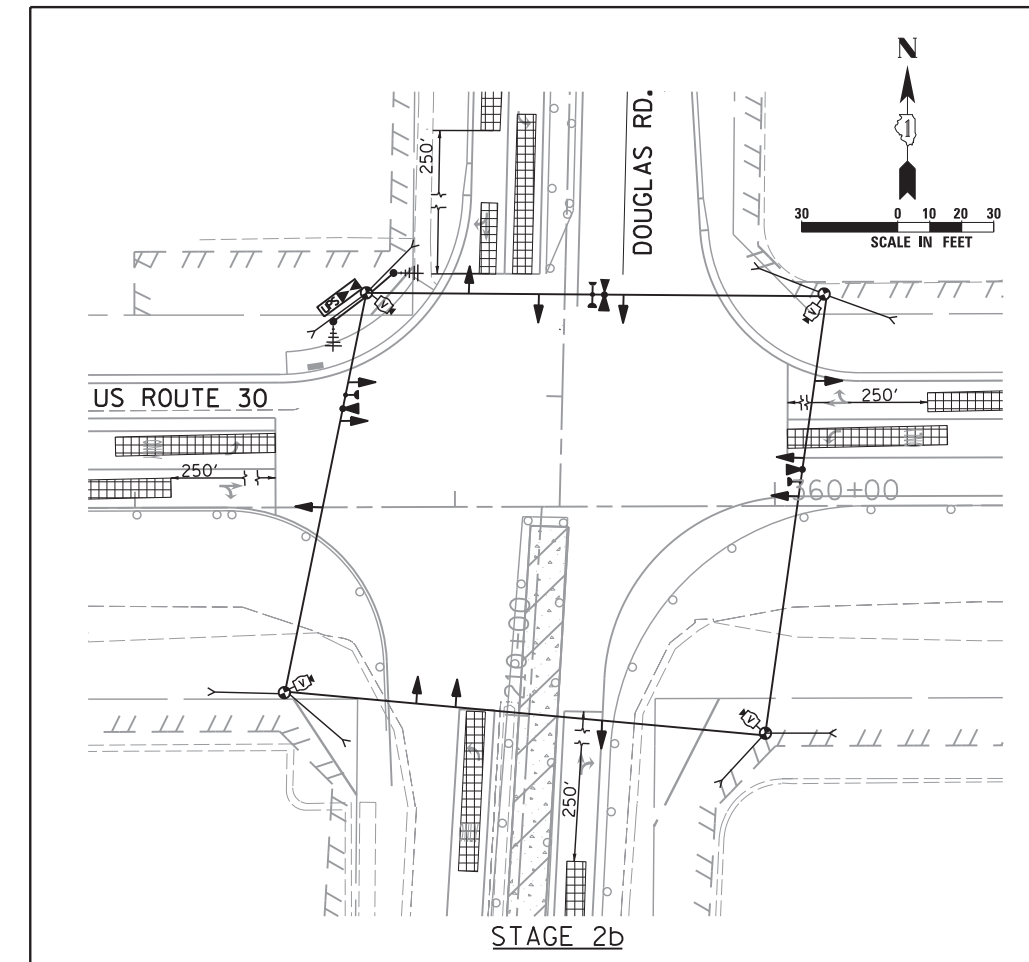
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DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL M.O.T. STAGING PLAN  
US ROUTE 30 AT DOUGLAS RD. STAGES 1, 1a, 1b, 1c, 2 AND 2a

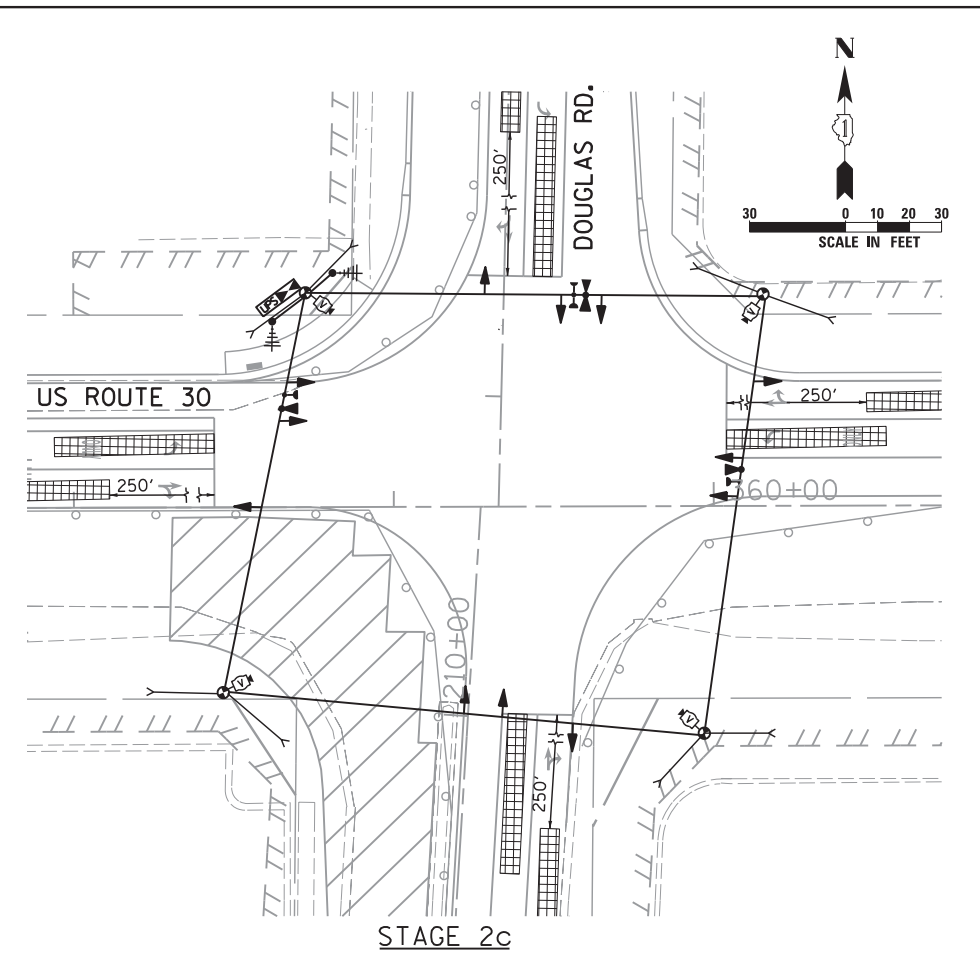
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

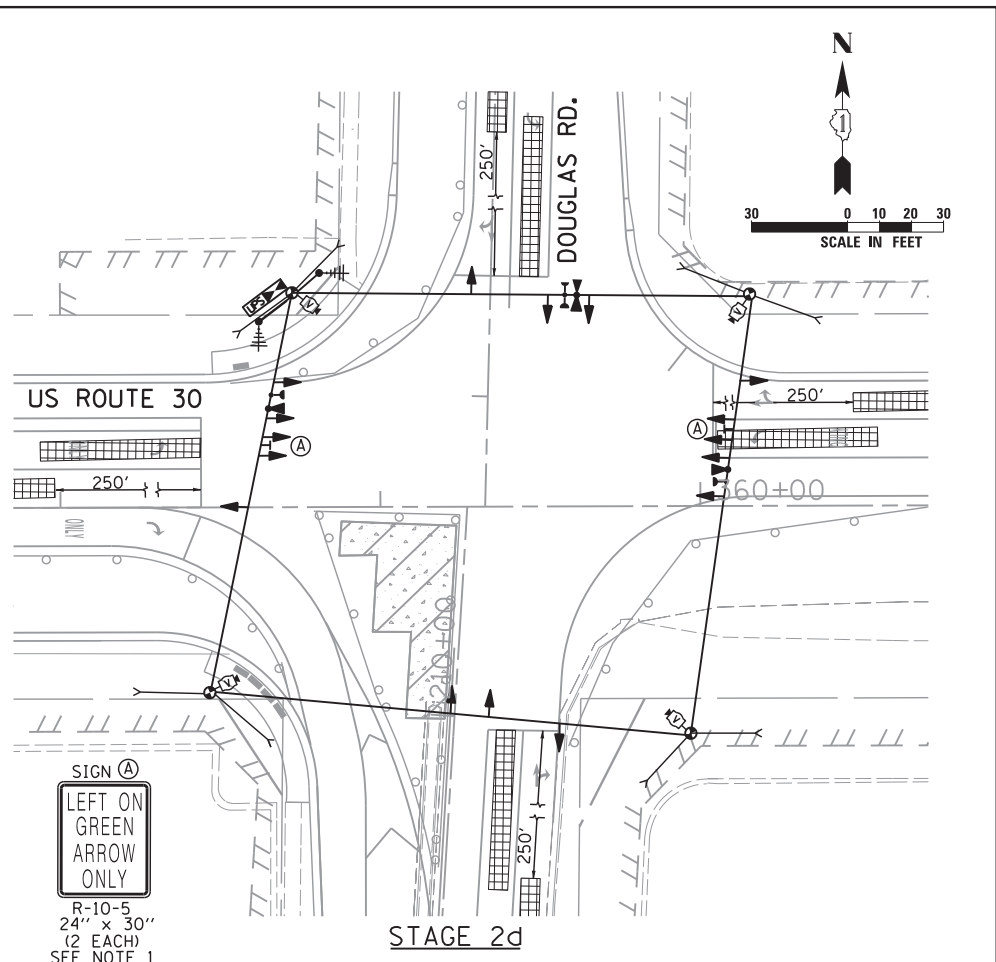
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STAGE 2b

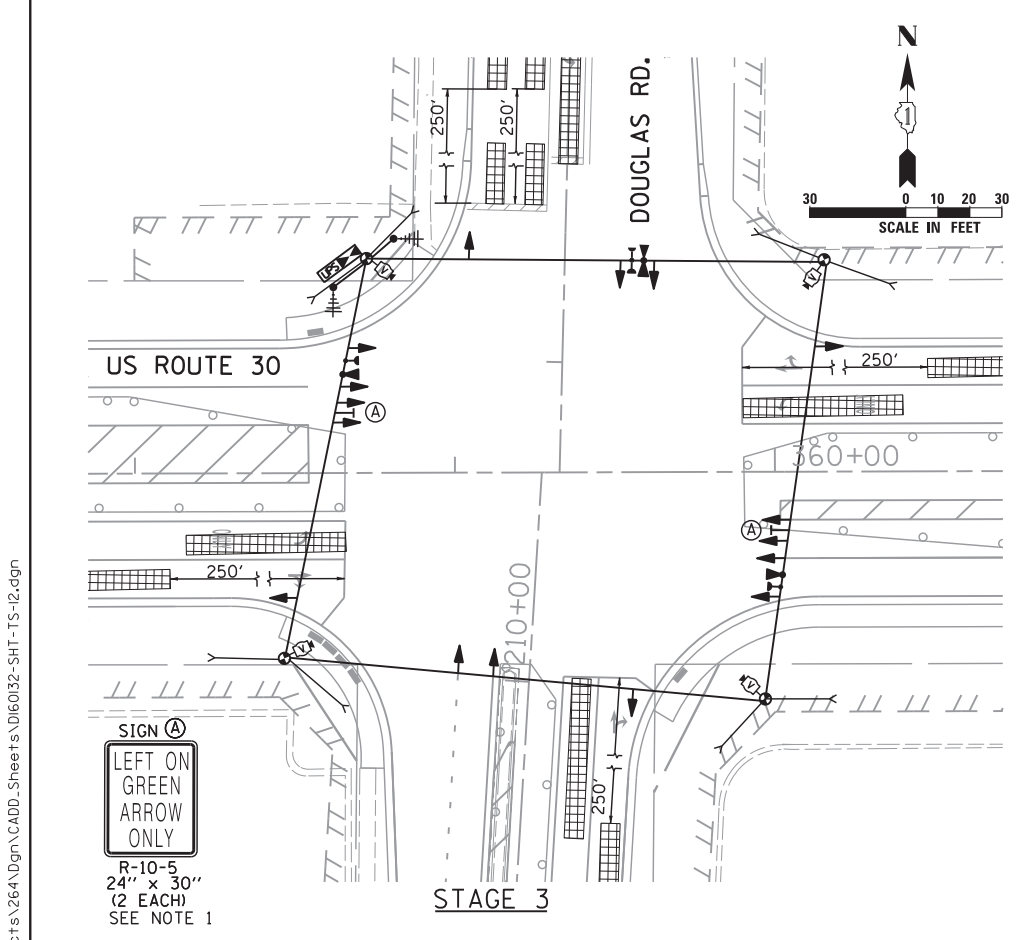


STAGE 2c



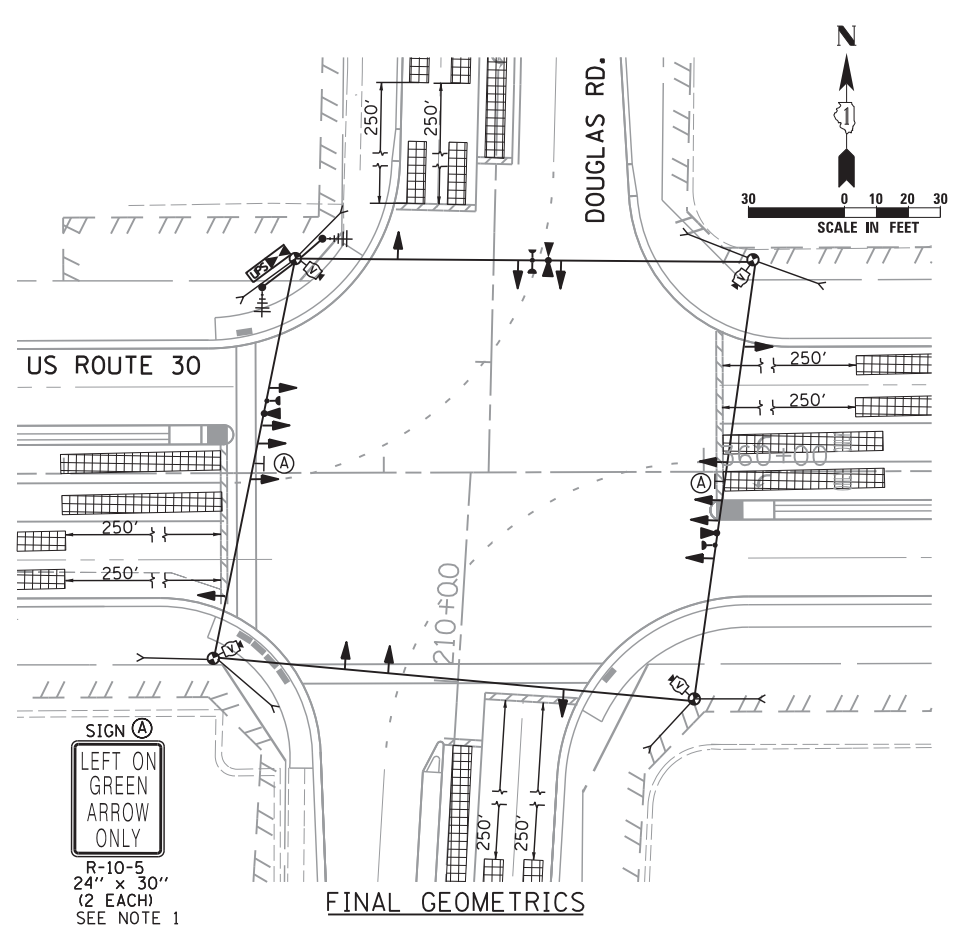
STAGE 2d

SIGN (A)  
LEFT ON GREEN  
ARROW ONLY  
R-10-5  
24" x 30"  
(2 EACH)  
SEE NOTE 1



STAGE 3

SIGN (A)  
LEFT ON GREEN  
ARROW ONLY  
R-10-5  
24" x 30"  
(2 EACH)  
SEE NOTE 1



FINAL GEOMETRICS

SIGN (A)  
LEFT ON GREEN  
ARROW ONLY  
R-10-5  
24" x 30"  
(2 EACH)  
SEE NOTE 1

NOTES:  
1. COST OF SIGN IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION.

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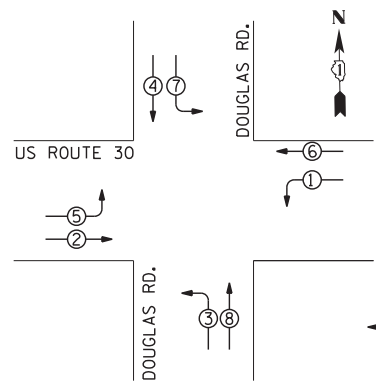
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PLOT DATE = 4/25/2012	CHECKED - KGP	REVISED -
	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL M.O.T. STAGING PLAN  
US RTE. 30 AT DOUGLAS RD. STAGES 2b, 2c, 2d, 3 AND FINAL GEOMETRICS  
SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	256
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

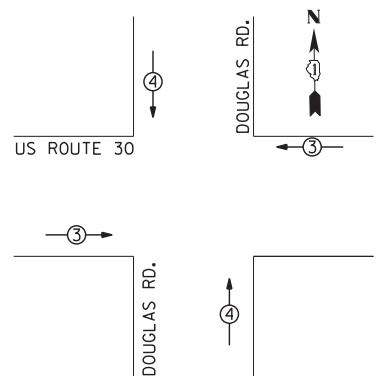
TEMPORARY CONTROLLER SEQUENCE



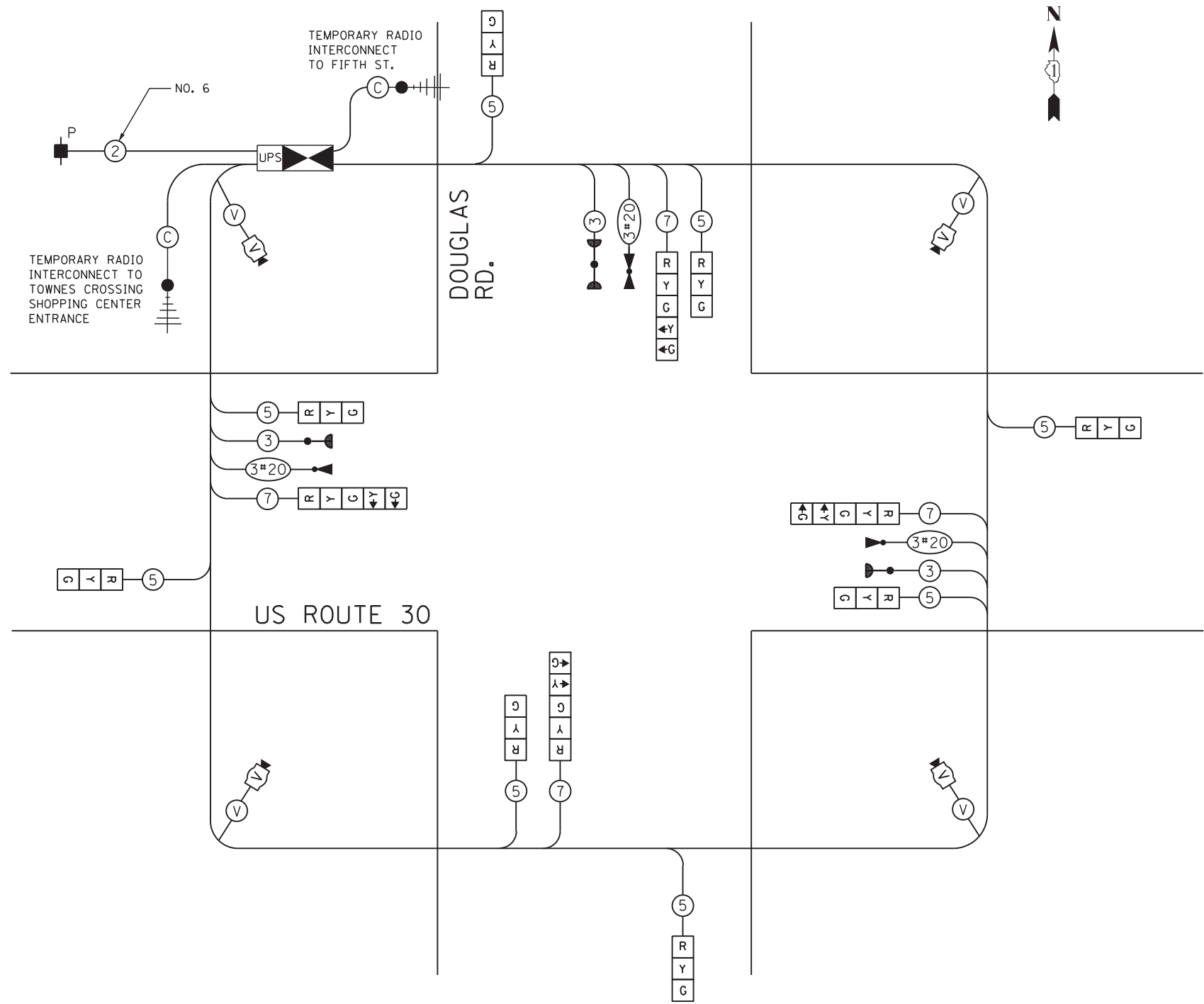
**LEGEND**  
 ○ ● DUAL ENTRY PHASE  
 ● NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



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



TEMPORARY CABLE PLAN

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

ENERGY COST TO:  
 VILLAGE OF MONTGOMERY  
 1300 S. BROADWAY  
 MONTGOMERY, ILLINOIS 60538  
 ENERGY SUPPLY CONTACT: MARK SHERIBEL  
 PHONE: 630-723-2128  
 COMPANY: COMMONWEALTH EDISON

NOTE:  
 THE TEMPORARY TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

RESTORATION OF THE WORK AREA,  
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

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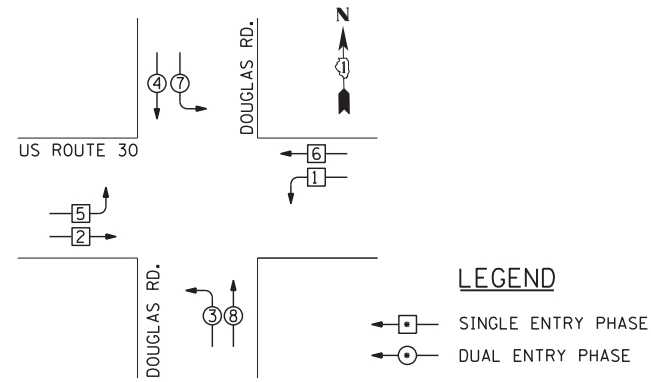
USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
PLOT SCALE = 20.000' / in.	DRAWN - YJ	REVISED -
PLOT DATE = 4/25/2012	CHECKED - KGP	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL CABLE PLAN, AND PHASE DESIGNATION DIAGRAM  
 US ROUTE 30 AT DOUGLAS RD. PRE-STAGE 1 AND STAGES 1, 1a, 1b, 1c, 2, 2a, 2b AND 2c  
 SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

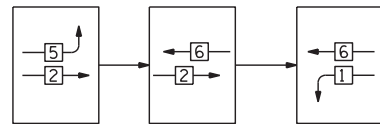
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	257
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TEMPORARY CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION

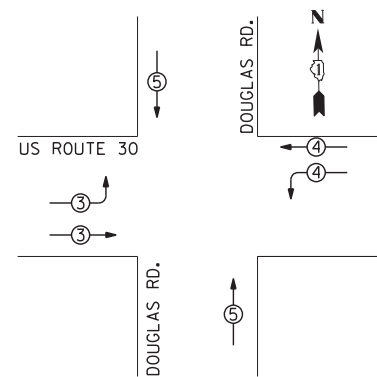
FOR PHASES 1, 2, 5, & 6 IN THE FOLLOWING PHASE DESIGNATION DIAGRAM SHOWN ABOVE, THE FOLLOWING PHASE SEQUENCE SHALL BE FOLLOWED:



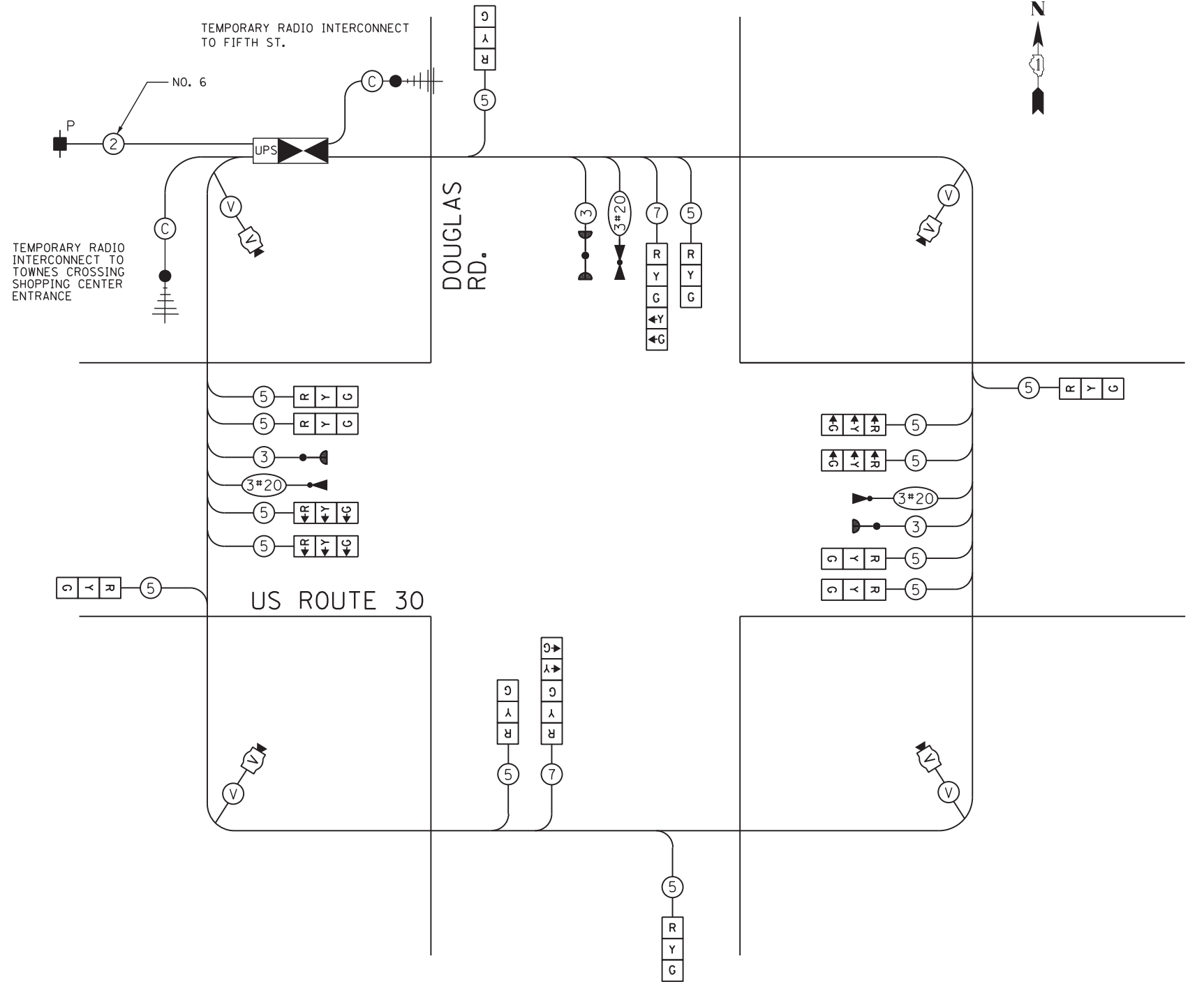
PHASES 3, 4, 7 & 8 SHALL FOLLOW THE STANDARD SEQUENCE IN ACCORDANCE WITH STANDARD 857001

NOTE: LEAD LAG PHASING SHALL ONLY APPLY TO STAGE 2d AND 3.

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	↘	↙	↕



TEMPORARY CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	16		17	0.50	136.0
(YELLOW)	16		25	0.25	100.0
(GREEN)	16		15	0.25	60.0
ARROW	4		12	0.10	4.8
PED. SIGNAL	-		25	1.00	-
ILLUM. SIGN	-		25	0.10	-
CONTROLLER	1		100	1.00	100.0
VIDEO SYSTEM	1	150	-	1.00	150.0
TOTAL =					550.8

ENERGY COST TO:

VILLAGE OF MONTGOMERY  
1300 S. BROADWAY  
MONTGOMERY, ILLINOIS 60538

ENERGY SUPPLY CONTACT: MARK SHERIBEL  
PHONE: 630-723-2128  
COMPANY: COMMONWEALTH EDISON

NOTE:  
THE TEMPORARY TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

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USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
PLOT SCALE = 20.000' / in.	DRAWN - YJ	REVISED -
PLOT DATE = 4/25/2012	CHECKED - KGP	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

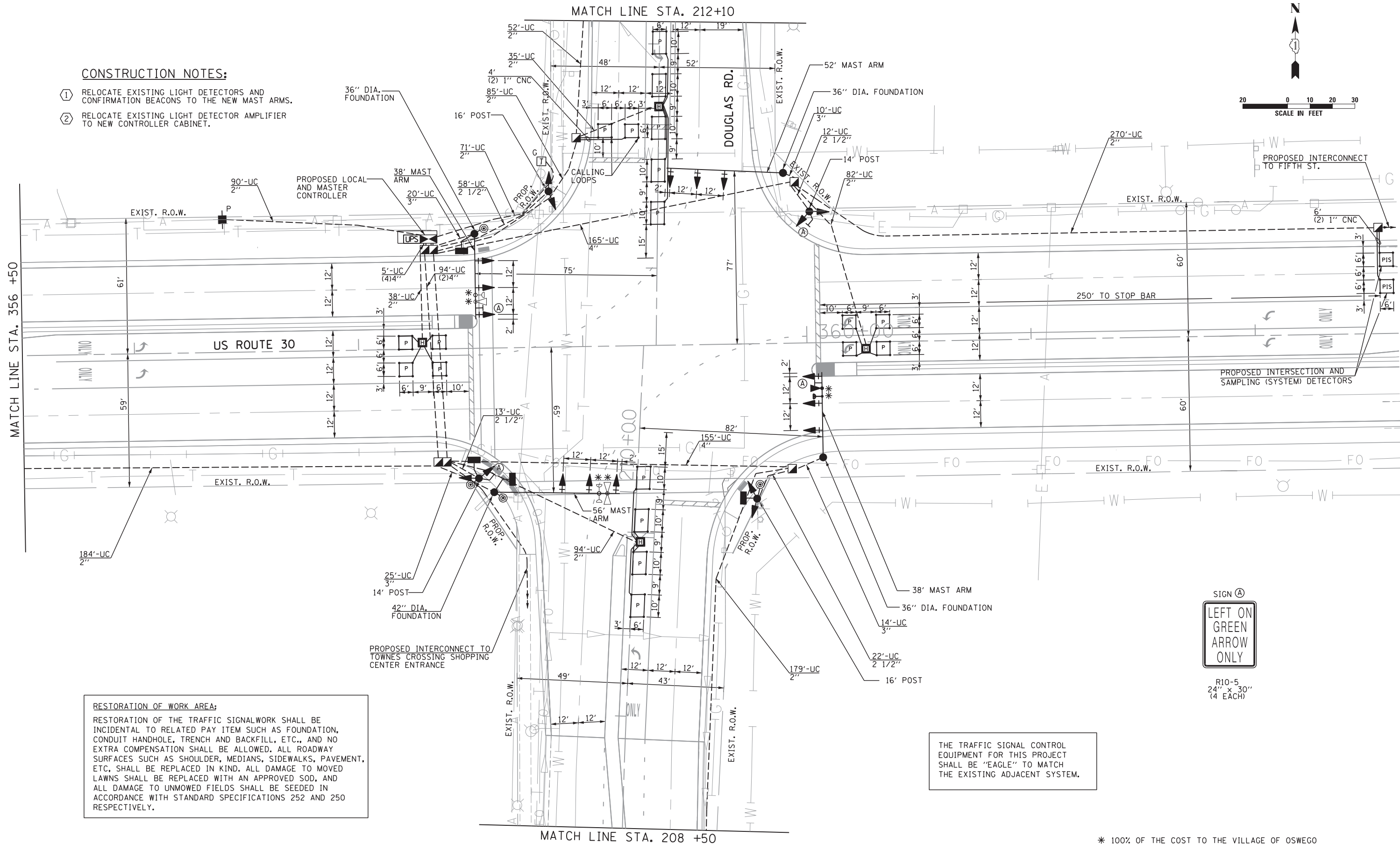
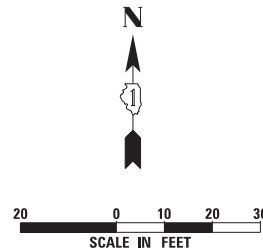
TEMPORARY TRAFFIC SIGNAL CABLE PLAN, AND PHASE DESIGNATION DIAGRAM  
US ROUTE 30 AT DOUGLAS RD. STAGES 2d, 3 AND FINAL GEOMETRICS

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	258
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**CONSTRUCTION NOTES:**

- ① RELOCATE EXISTING LIGHT DETECTORS AND CONFIRMATION BEACONS TO THE NEW MAST ARMS.
- ② RELOCATE EXISTING LIGHT DETECTOR AMPLIFIER TO NEW CONTROLLER CABINET.



**RESTORATION OF WORK AREA:**  
 RESTORATION OF THE TRAFFIC SIGNALWORK SHALL BE INCIDENTAL TO RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOVED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

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

SIGN (A)  
 LEFT ON GREEN ARROW ONLY  
 R10-5  
 24" x 30"  
 (4 EACH)

\* 100% OF THE COST TO THE VILLAGE OF OSWEGO

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 PLOT SCALE = 20.000' / in.  
 PLOT DATE = 4/25/2012

DESIGNED - VO  
 DRAWN - YJ  
 CHECKED - KGP  
 DATE -

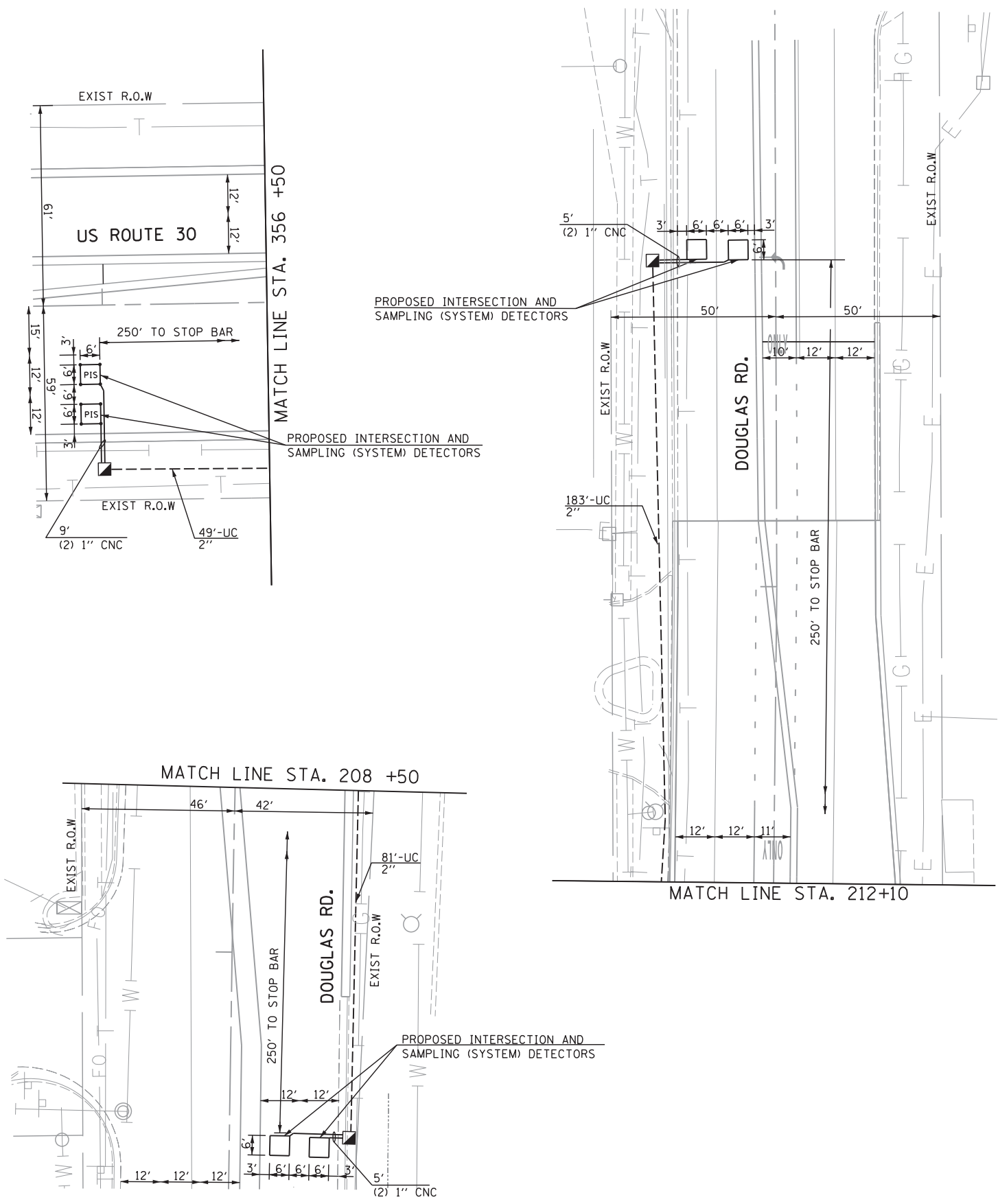
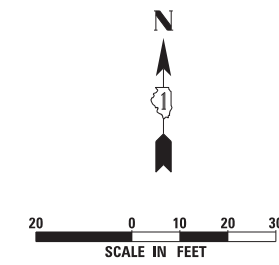
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN  
 US ROUTE 30 AT DOUGLAS RD.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	259
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTE:**  
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

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USER NAME = vpelegrinos  
 PLOT SCALE = 20.000' / in.  
 PLOT DATE = 4/25/2012

DESIGNED - VO  
 DRAWN - YJ  
 CHECKED - KGP  
 DATE -

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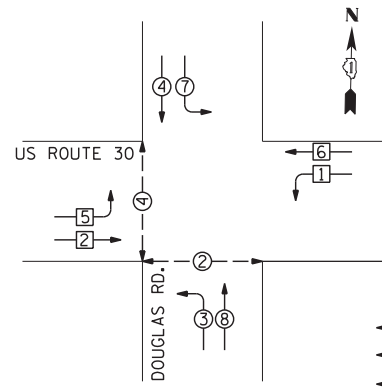
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN  
 US ROUTE 30 AT DOUGLAS RD.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	260
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**CONTROLLER SEQUENCE**

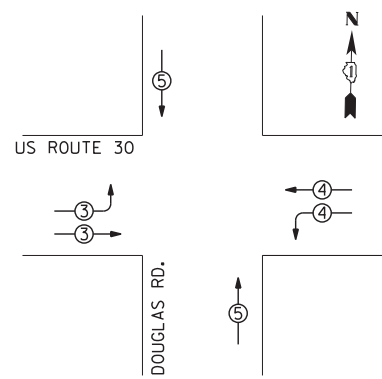


**LEGEND**

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

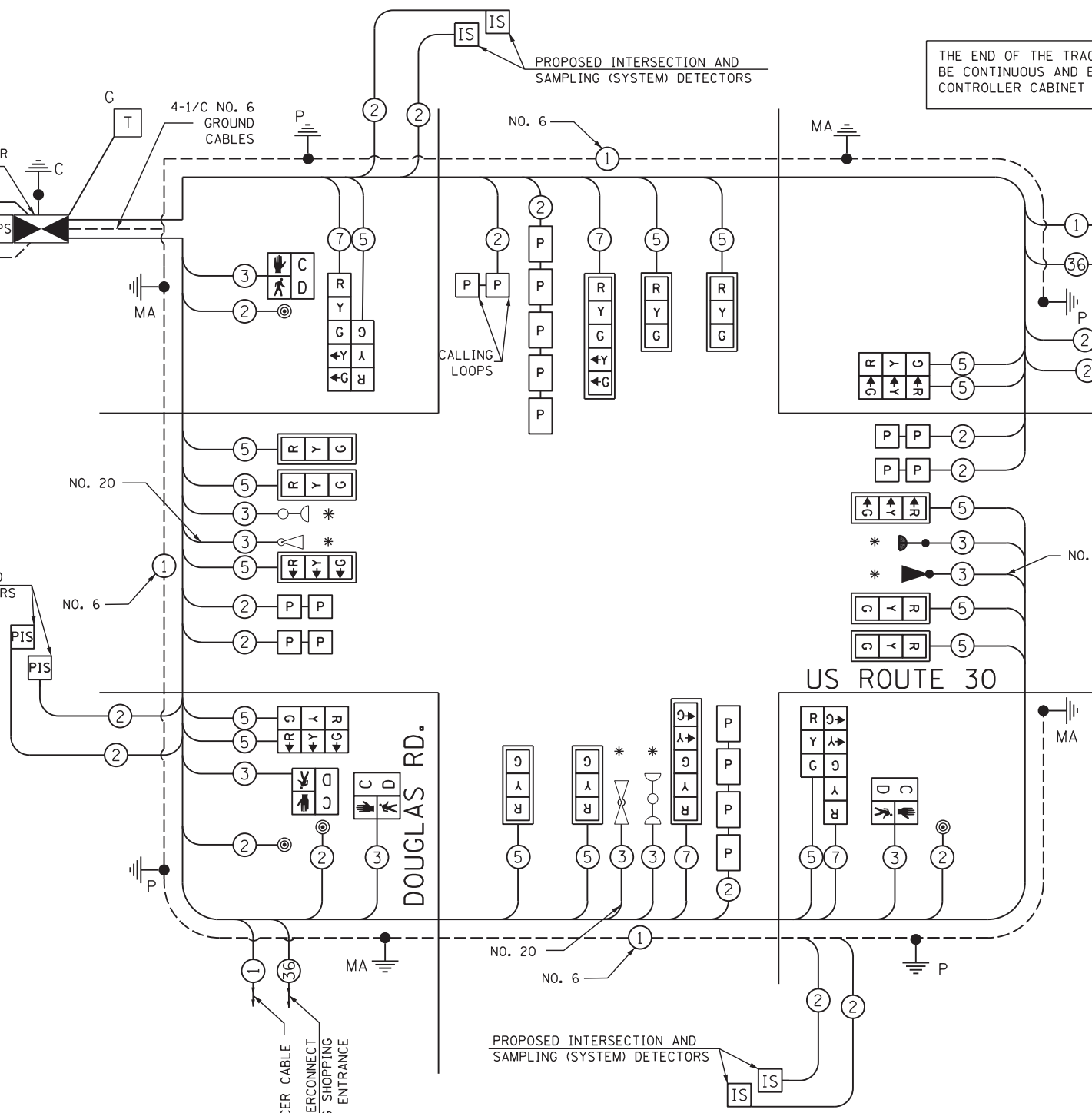
**PHASE DESIGNATION DIAGRAM**

**EMERGENCY VEHICLE PREEMPTION SEQUENCE**



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT			

**PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS**



**CABLE PLAN**

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET

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

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SO FT	53
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1493
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	103
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	74
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	528
HANDHOLE	EACH	7
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
TRANSCEIVER-FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	697
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1414
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3500
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	950
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4700
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	120
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1000
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	37
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	10
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, L.E.D., 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	12
INDUCTIVE LOOP DETECTOR	EACH	15
DETECTOR LOOP, TYPE I	FOOT	144
PREFORMED DETECTOR LOOP	FOOT	891
* LIGHT DETECTOR	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
* RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
* RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	13
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
* ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	689

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	20	17		0.50	170.0
(YELLOW)	20	25		0.25	125.0
(GREEN)	20	15		0.25	75.0
ARROW	8	12		0.10	9.6
PED. SIGNAL	4	25		1.00	100
ILLUM. SIGN	-	25		0.10	-
CONTROLLER	2	100		1.00	200
TOTAL =					679.6

ENERGY COST TO:  
 VILLAGE OF MONTGOMERY  
 1300 S. BROADWAY  
 MONTGOMERY, ILLINOIS 60538

ENERGY SUPPLY CONTACT: MARK SHERIBEL  
 PHONE: 630-723-2128  
 COMPANY: COMMONWEALTH EDISON



USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
PLOT SCALE = 20,000' / 1" =	DRAWN - YJ	REVISED -
PLOT DATE = 4/25/2012	CHECKED - KGP	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

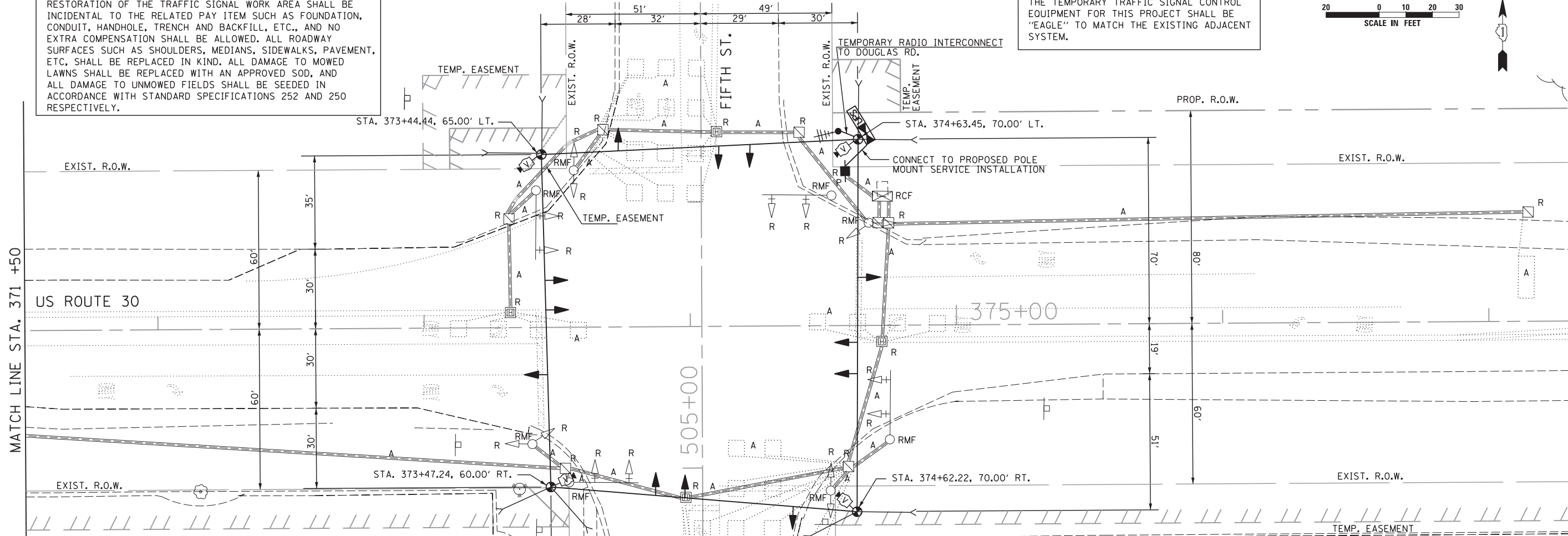
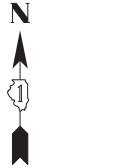
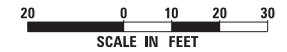
SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY PREEMPTION SEQUENCE  
 US ROUTE 30 AT DOUGLAS RD.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	261
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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**RESTORATION OF THE WORK AREA.**  
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

**NOTE:**  
 THE TEMPORARY TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

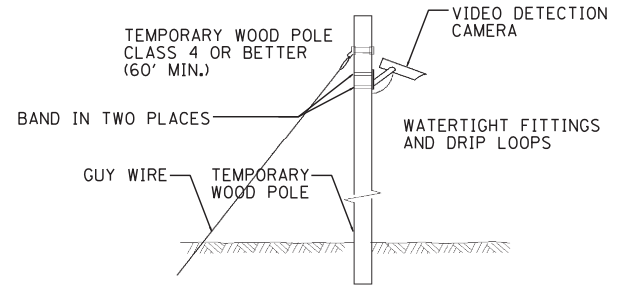
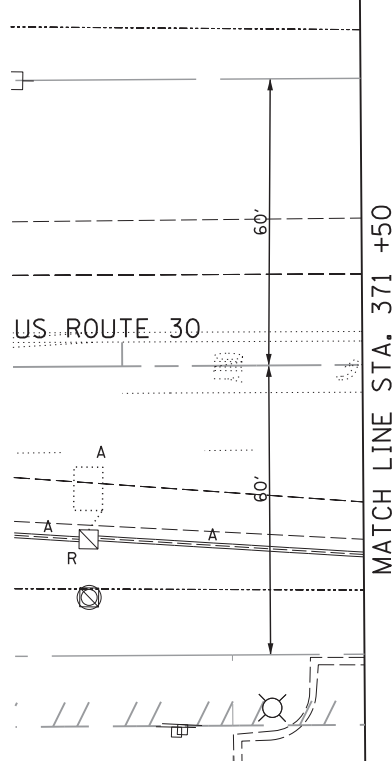


**NOTES FOR TEMPORARY TRAFFIC SIGNAL**

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- 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 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.
- 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.
- 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.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- 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.
- 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.
- 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.
- 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 SPECIFICATION OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
- WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS

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

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 2 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 12 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 2 EACH SIGNAL HEAD, 2-FACE, 1-3-SECTION, 1-5 SECTION
- 4 EACH STEEL MAST ARM AND POLE
- 4 EACH SIGNAL POST
- 1 EACH ELECTRICAL SERVICE



**TEMPORARY VIDEO DETECTION MOUNTING DETAIL**  
 (NOT TO SCALE)

**SINGH**  
 CONSULTING ENGINEERS  
 www.singhinc.com

USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
PLOT SCALE = 20.000' / in.	DRAWN - YJ	REVISED -
PLOT DATE = 4/25/2012	CHECKED - KGP	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

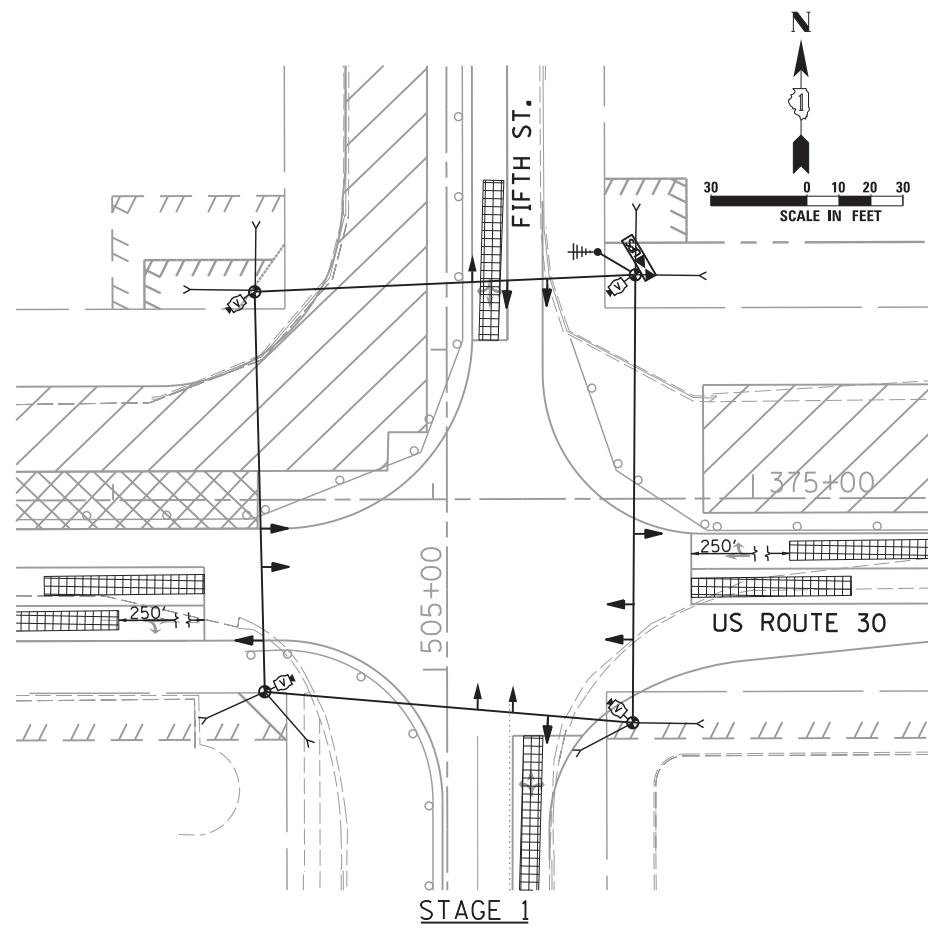
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN  
 US ROUTE 30 AT FIFTH ST. PRE-STAGE 1**

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

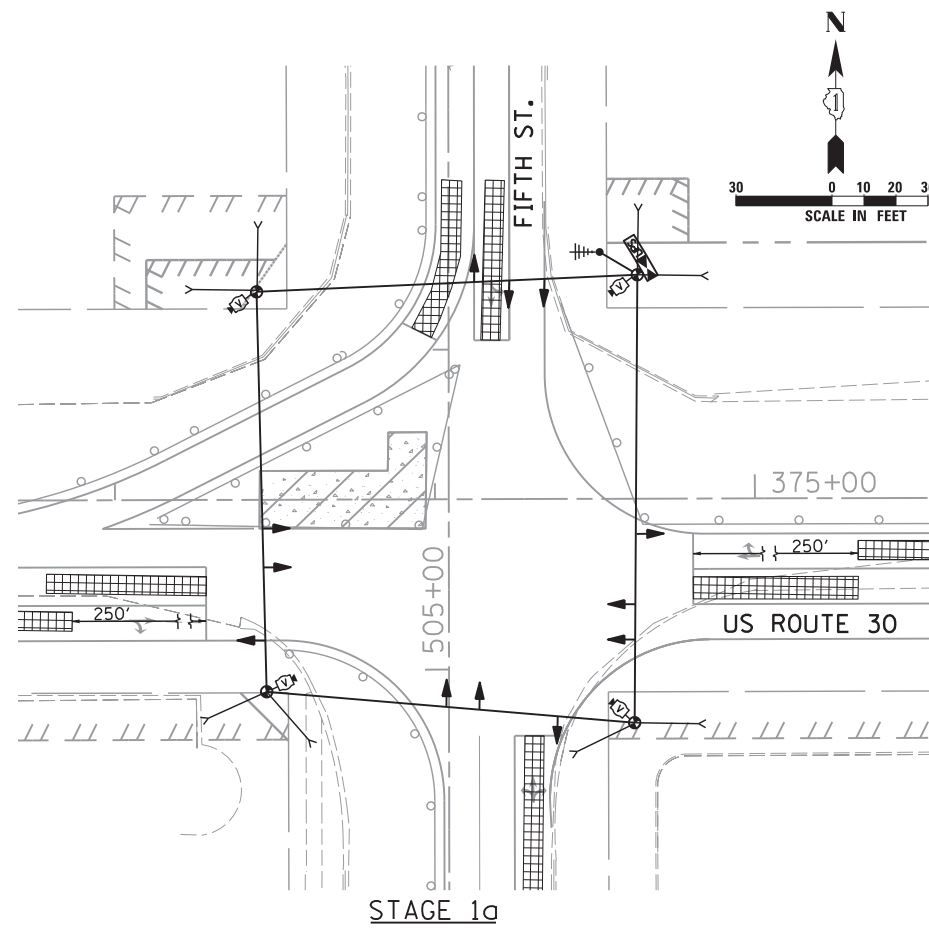
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	262
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

\\Dc010\Projects\264\Dgn\CADD\_Sheets\160132-SHT-TS-18.dgn

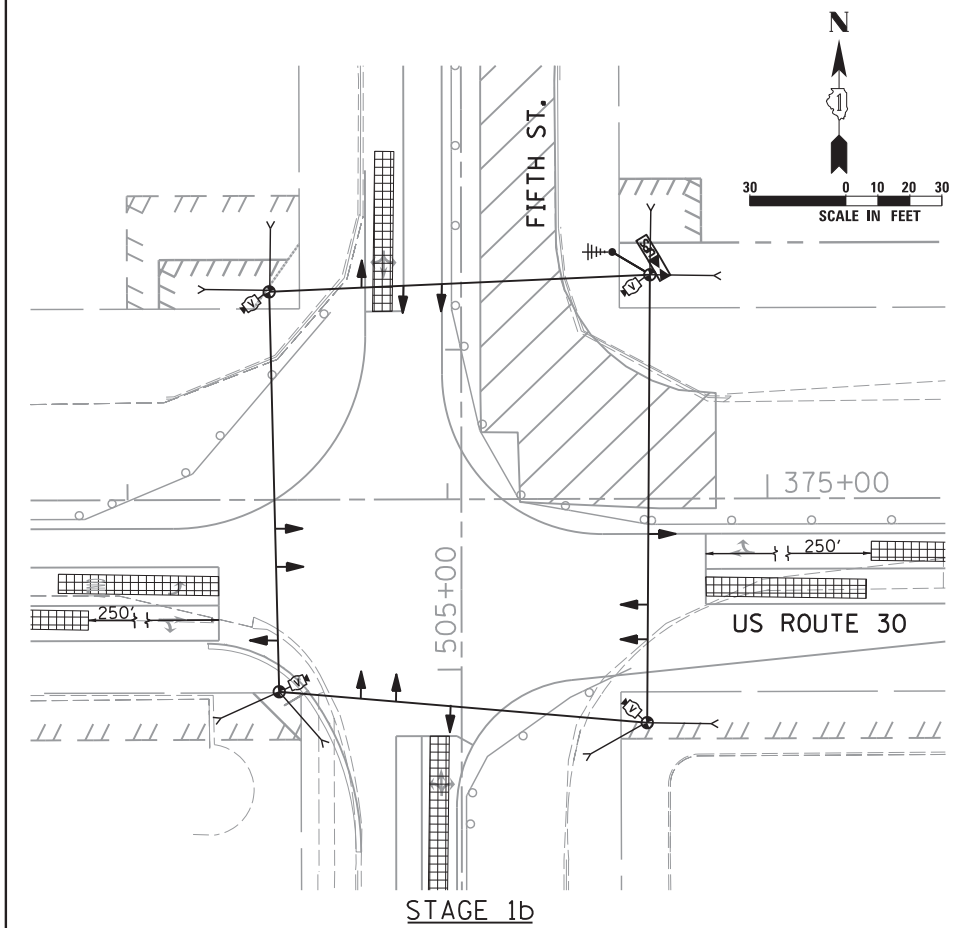




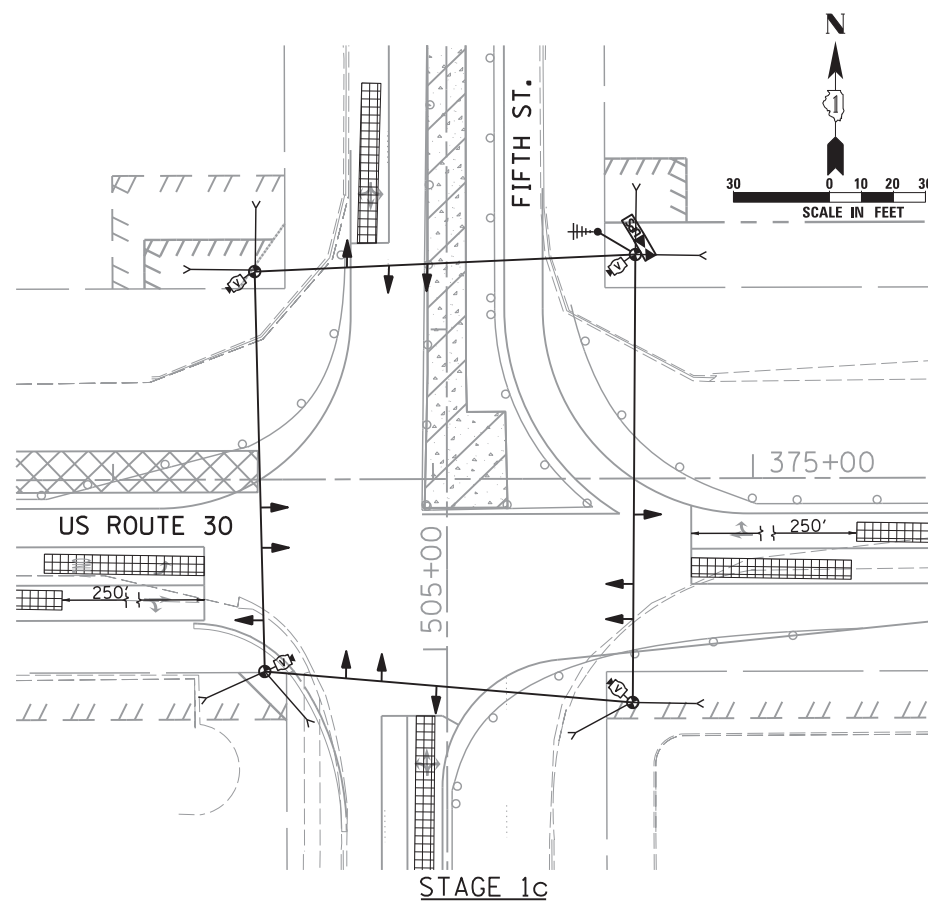
STAGE 1



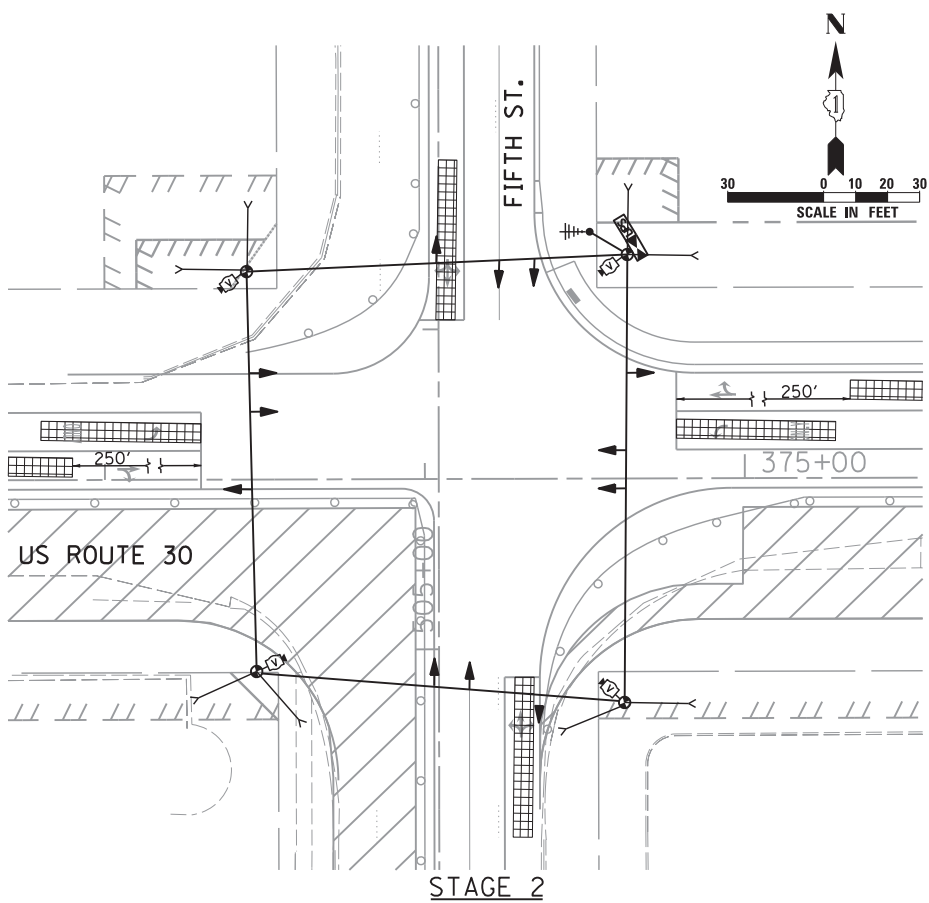
STAGE 1a



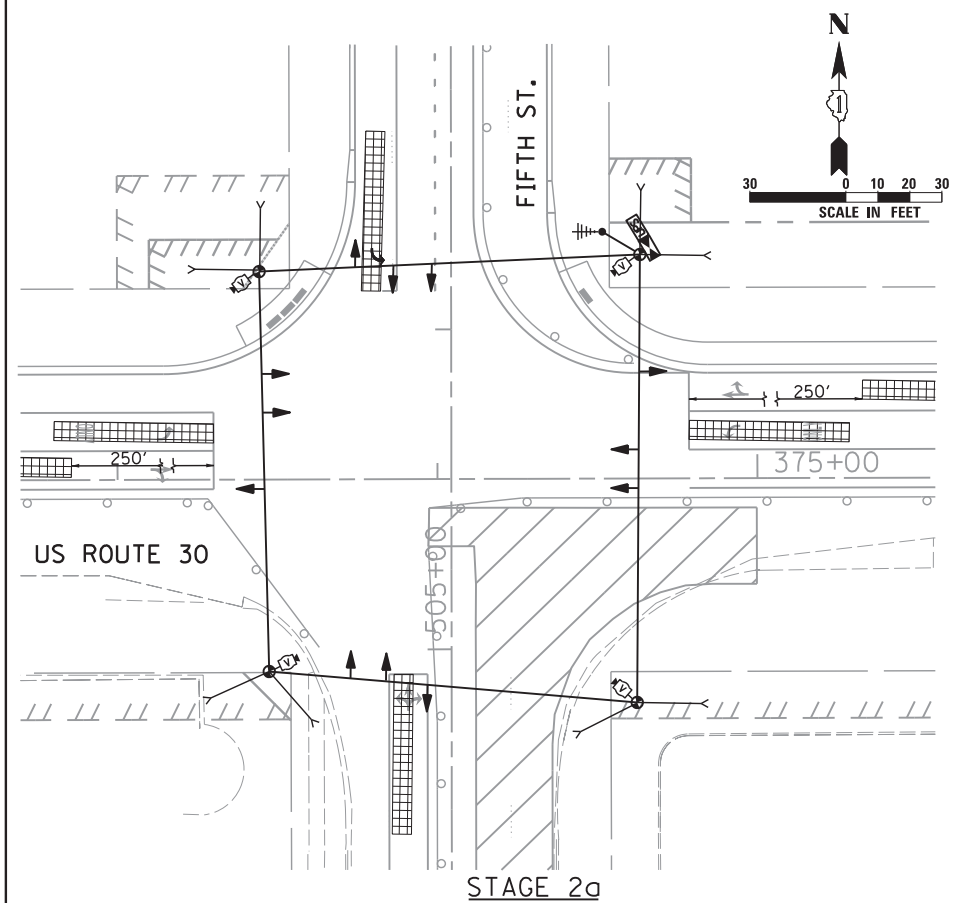
STAGE 1b



STAGE 1c



STAGE 2



STAGE 2a

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CONSULTING ENGINEERS  
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USER NAME = vpelegrinos  
DESIGNED - VO  
DRAWN - YJ  
PLOT SCALE = 30.000' / in.  
CHECKED - KGP  
DATE -  
PLOT DATE = 4/25/2012

DESIGNED - VO  
DRAWN - YJ  
CHECKED - KGP  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

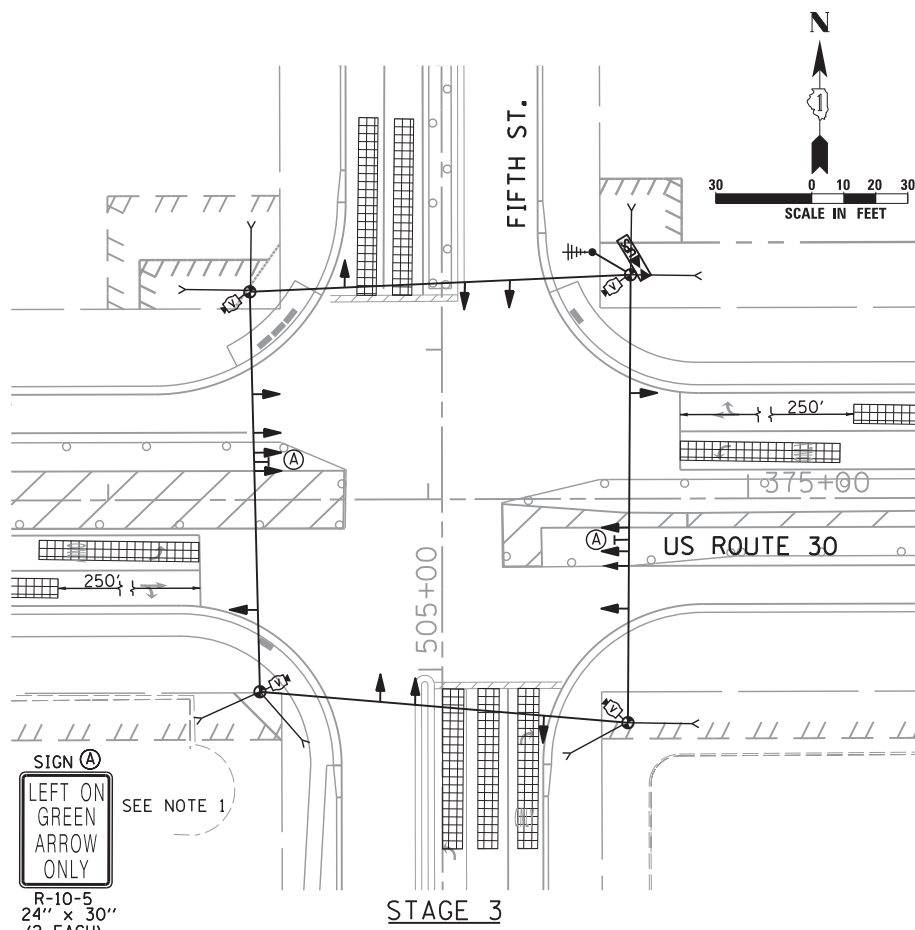
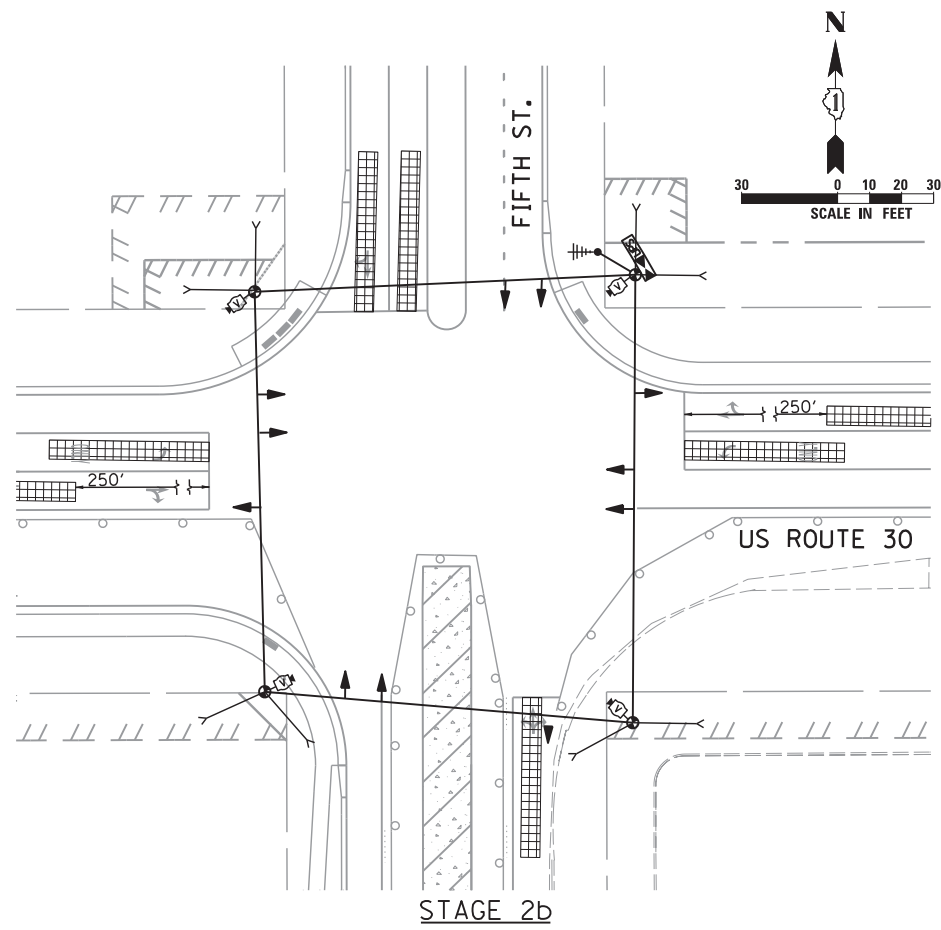
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL M.O.T. STAGING PLAN  
US ROUTE 30 AT FIFTH ST. STAGES 1, 1a, 1b, 1c, 2 AND 2a

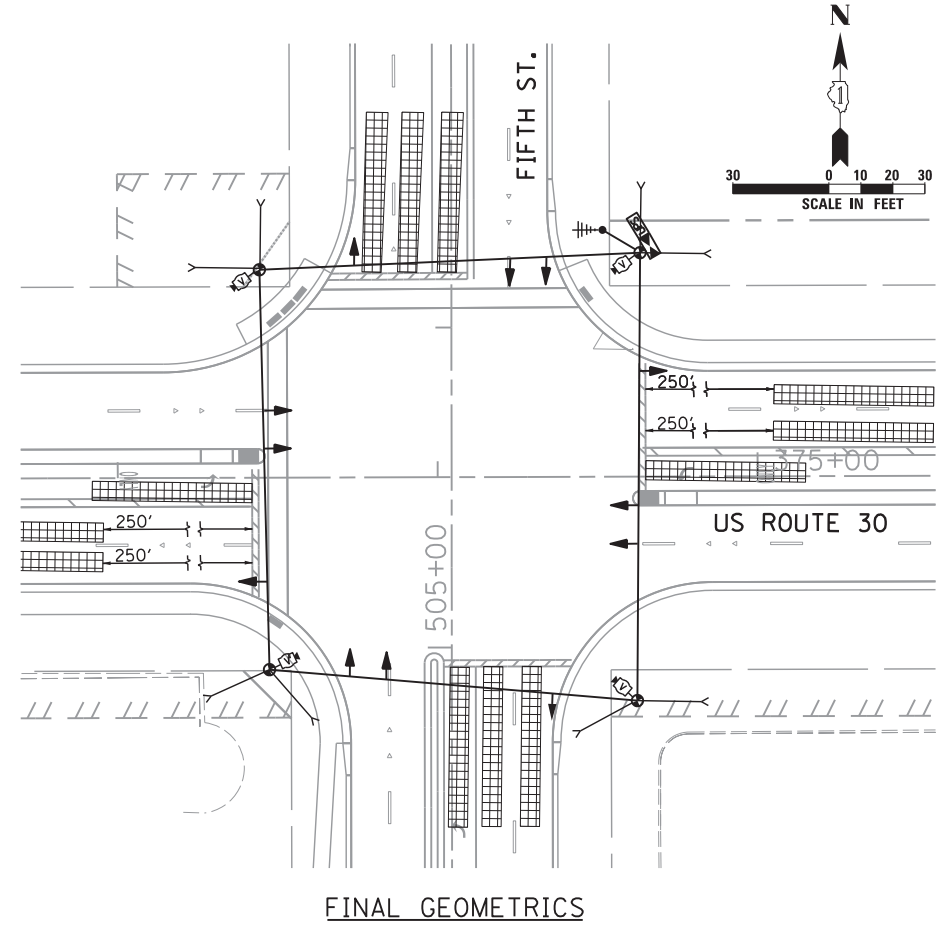
SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	263
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

\\Dc01a\Projects\264\Dgn\CADD\_Sheets\160132-SHT-TS-19.dgn



SIGN A  
 LEFT ON GREEN  
 ARROW ONLY  
 SEE NOTE 1  
 R-10-5  
 24" x 30"  
 (2 EACH)



**NOTES:**  
 1. COST OF SIGN IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION.

\\Dc01\Projects\264\Dgn\CADD\_Sheets\160132-SHT-TS-20.dgn

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USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
	DRAWN - YJ	REVISED -
PLOT SCALE = 30.000' / in.	CHECKED - KGP	REVISED -
PLOT DATE = 4/25/2012	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

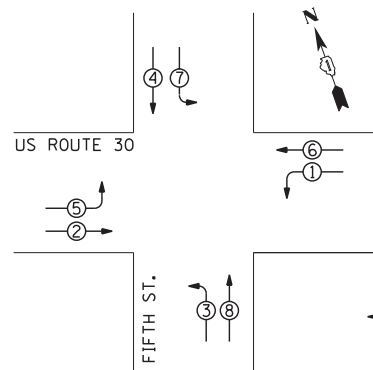
**TEMPORARY TRAFFIC SIGNAL M.O.T. STAGING PLAN  
 US ROUTE 30 AT FIFTH ST. STAGES 2b, 3 AND FINAL GEOMETRICS**

SCALE: 1"=30'      SHEET NO.      OF      SHEETS      STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	264
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



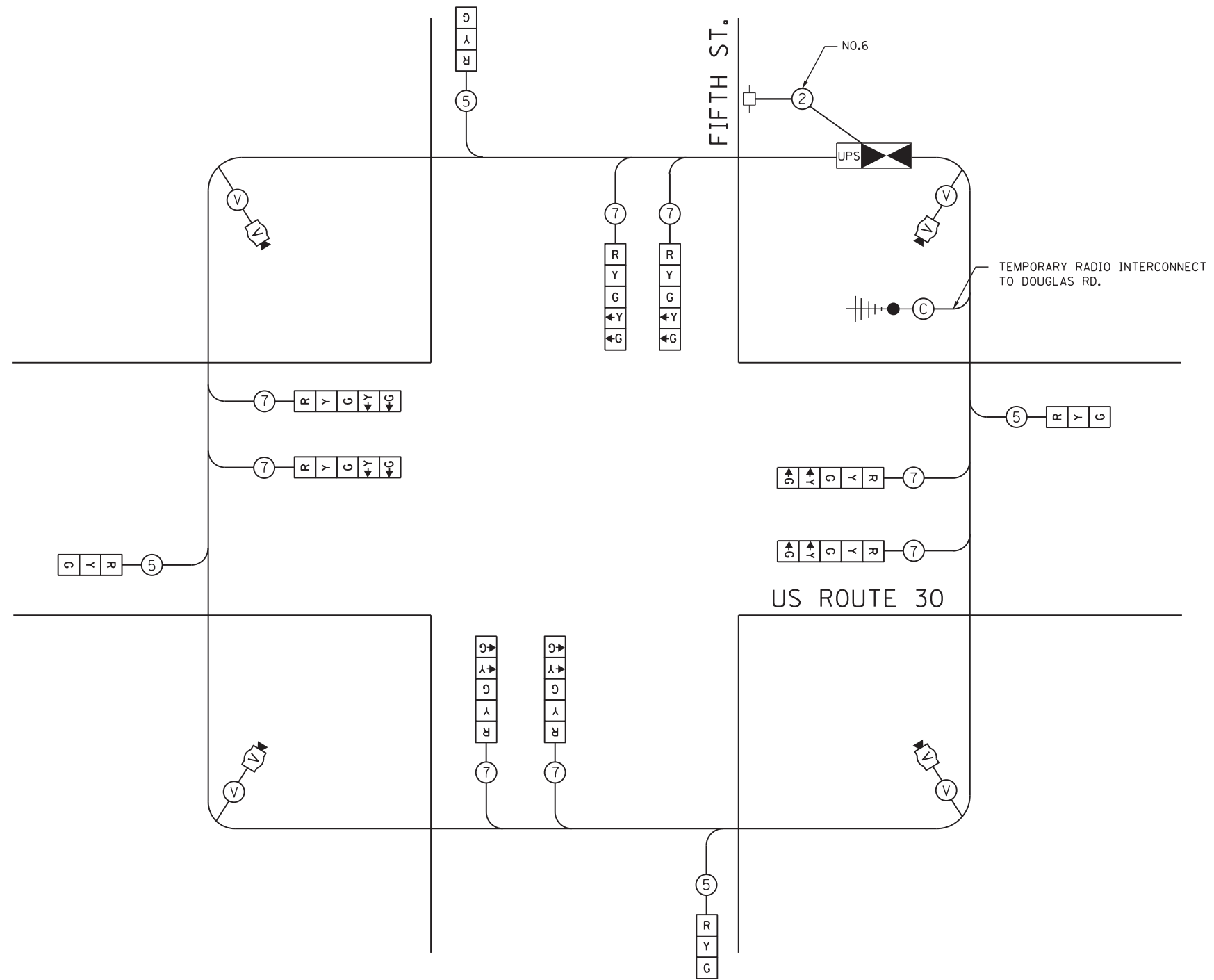
TEMPORARY CONTROLLER SEQUENCE



LEGEND

DUAL ENTRY PHASE NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION



TEMPORARY CABLE PLAN

NOTE:  
THE TEMPORARY TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12		17	0.50	102.0
(YELLOW)	12		25	0.25	75.0
(GREEN)	12		15	0.25	45.0
ARROW	16		25	0.10	40.0
PED. SIGNAL	-		25	0.05	-
CONTROLLER	1		100	1.00	100.0
VIDEO DETECTION	1	150		1.00	150.0
TOTAL =					512.0

ENERGY COST TO:

VILLAGE OF MONTGOMERY  
1300 S. BROADWAY  
MONTGOMERY, ILLINOIS 60538

ENERGY SUPPLY CONTACT: MARK SHERIBEL  
PHONE: 630-723-2128  
COMPANY: COMMONWEALTH EDISON

**SINGH**  
CONSULTING ENGINEERS  
www.singhinc.com

USER NAME = vpelegrinos  
DESIGNED - VO  
DRAWN - YJ  
PLOT SCALE = 20,000' / in.  
CHECKED - KGP  
PLOT DATE = 4/25/2012  
DATE -

REVISOR -  
REVISION -  
REVISOR -  
REVISION -  
REVISOR -  
REVISION -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL CABLE PLAN, AND PHASE DESIGNATION DIAGRAM  
US ROUTE 30 AT FIFTH ST. PRE-STAGE 1 AND FINAL GEOMETRICS

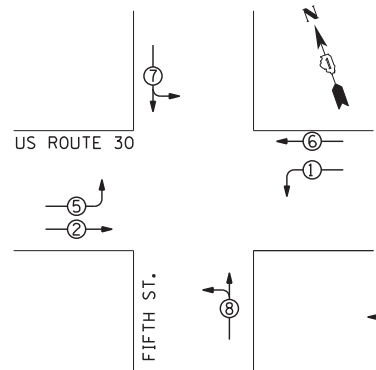
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	265
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

\\Dc01\Projects\264\Dgn\CADD\_Sheets\160132-SHT-TS-21.dgn

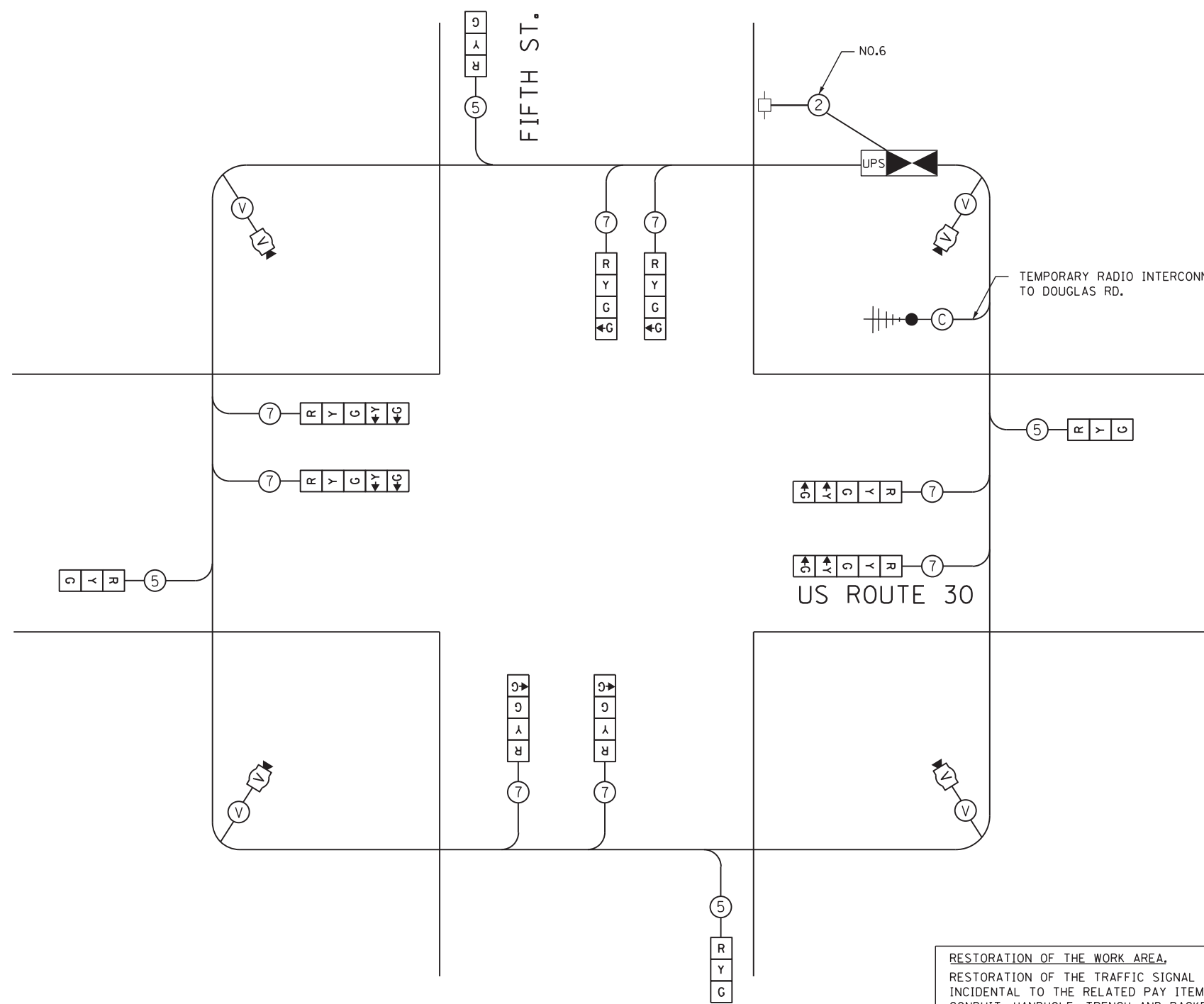


TEMPORARY CONTROLLER SEQUENCE



**LEGEND**  
 ○ ⊕ DUAL ENTRY PHASE  
 • NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION



TEMPORARY CABLE PLAN

**RESTORATION OF THE WORK AREA.**  
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

**NOTE:**  
 THE TEMPORARY TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	12		17	0.50	102.0
(YELLOW)	12		25	0.25	75.0
(GREEN)	16		15	0.25	60.0
ARROW	8		25	0.1	20.0
PED. SIGNAL	-		25	0.05	-
ILLUM. SIGN	-		100	1.00	-
CONTROLLER	1		100	1.00	100.0
VIDEO DETECTION	1		150	1.00	150.0
TOTAL =					507.0

ENERGY COST TO:  
 VILLAGE OF MONTGOMERY  
 1300 S. BROADWAY  
 MONTGOMERY, ILLINOIS 60538

ENERGY SUPPLY CONTACT: MARK SHERIBEL  
 PHONE: 630-723-2128  
 COMPANY: COMMONWEALTH EDISON

\\Dc01\Projects\264\Drawings\CADD\_Sheets\160132-SHT-TS-22.dgn



USER NAME = vpelegrinos  
 DESIGNED - VO  
 DRAWN - YJ  
 PLOT SCALE = 20.000013 1/ in.  
 CHECKED - KGP  
 PLOT DATE = 4/25/2012  
 DATE -

REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

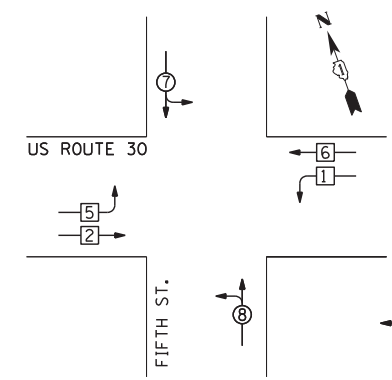
TEMPORARY TRAFFIC SIGNAL CABLE PLAN, AND PHASE DESIGNATION DIAGRAM  
 US ROUTE 30 AT FIFTH ST. STAGES 1, 1a, 1b, 1c, 2, 2a AND 2b

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	266
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



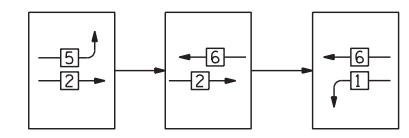
**TEMPORARY CONTROLLER SEQUENCE**



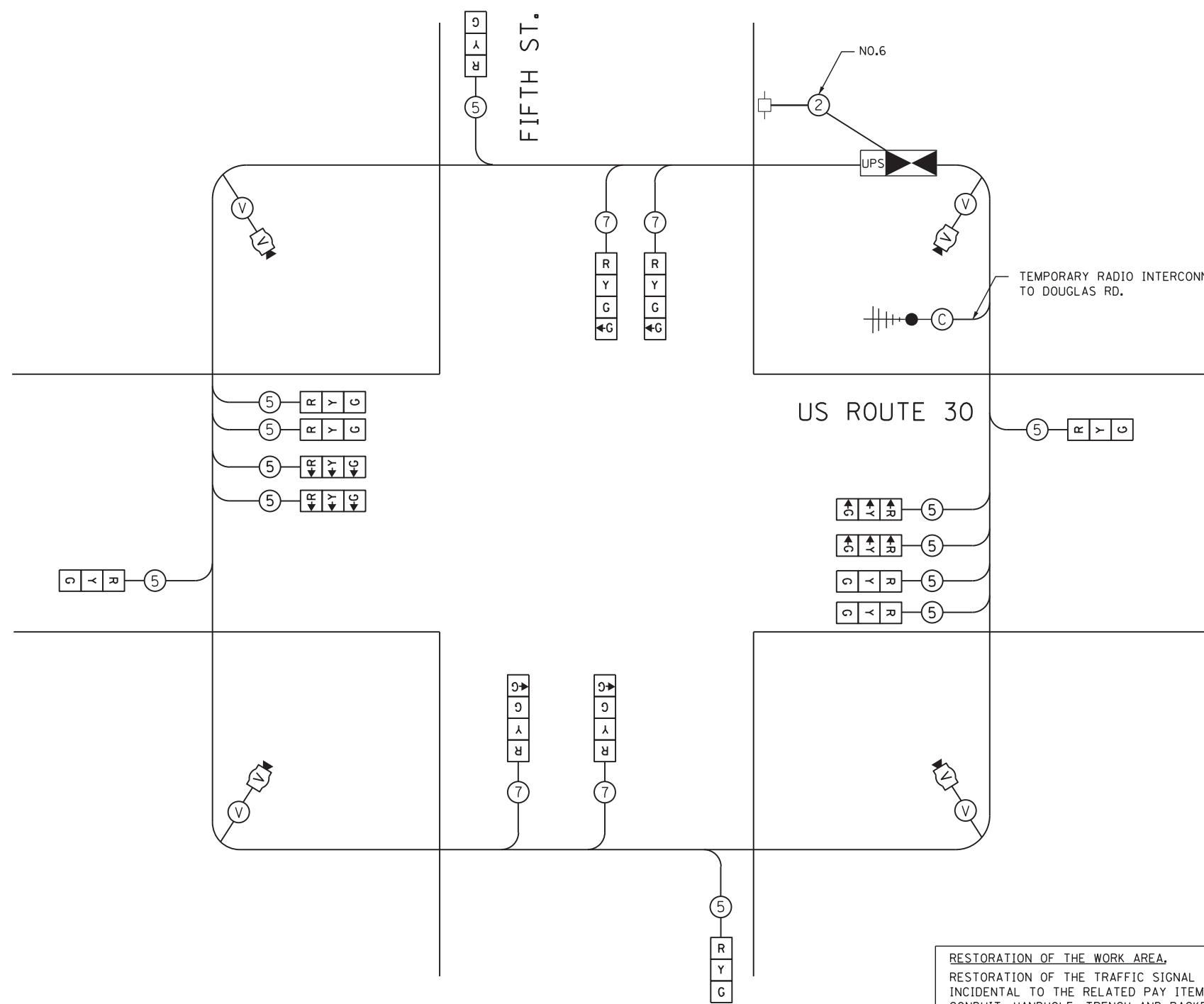
**LEGEND**  
 ◻ SINGLE ENTRY PHASE  
 • NUMBER REFERS TO ASSOCIATED PHASE

**TEMPORARY PHASE DESIGNATION**

FOR PHASES 1, 2, 5, & 6 IN THE FOLLOWING PHASE DESIGNATION DIAGRAM SHOWN ABOVE, THE FOLLOWING PHASE SEQUENCE SHALL BE FOLLOWED:



PHASES 4 & 8 SHALL FOLLOW THE STANDARD SEQUENCE IN ACCORDANCE WITH STANDARD 857001



**TEMPORARY CABLE PLAN**

**RESTORATION OF THE WORK AREA.**  
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

**NOTE:**  
 THE TEMPORARY TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	16		17	0.50	136.0
(YELLOW)	16		25	0.25	100.0
(GREEN)	20		15	0.25	75.0
ARROW	-		25	0.1	-
PED. SIGNAL	-		25	0.05	-
ILLUM. SIGN	-		100	1.00	-
CONTROLLER	1		100	1.00	100.0
VIDEO DETECTION	1		150	1.00	150.0
TOTAL =					561.0

**ENERGY COST TO:**  
 VILLAGE OF MONTGOMERY  
 1300 S. BROADWAY  
 MONTGOMERY, ILLINOIS 60538  
**ENERGY SUPPLY CONTACT:** MARK SHERIBEL  
 PHONE: 630-723-2128  
 COMPANY: COMMONWEALTH EDISON

\\D:\Projects\264\Drawings\CADD\_Sheets\160132-SHT-TS-23.dgn



USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
	DRAWN - YJ	REVISED -
PLOT SCALE = 20.000' / in.	CHECKED - KGP	REVISED -
PLOT DATE = 4/25/2012	DATE -	REVISED -

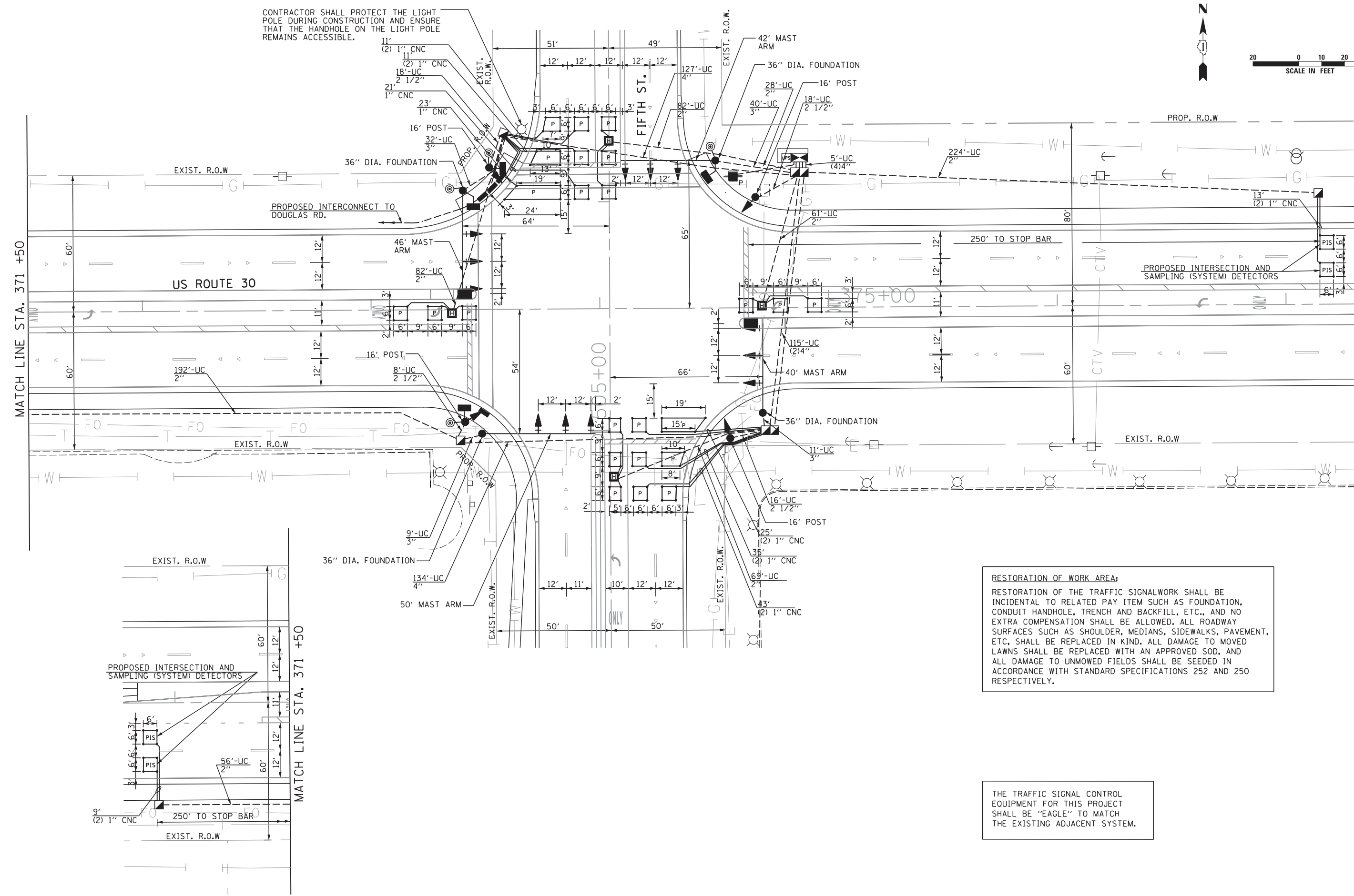
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL CABLE PLAN, AND PHASE DESIGNATION DIAGRAM  
 US ROUTE 30 AT FIFTH ST. STAGE 3**  
 SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	267
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

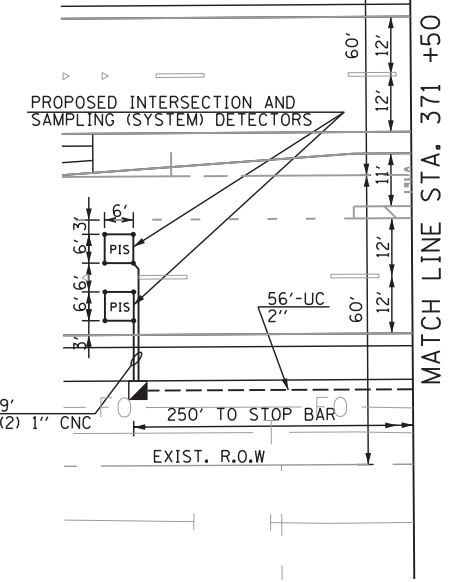


CONTRACTOR SHALL PROTECT THE LIGHT POLE DURING CONSTRUCTION AND ENSURE THAT THE HANDHOLE ON THE LIGHT POLE REMAINS ACCESSIBLE.



**RESTORATION OF WORK AREA:**  
 RESTORATION OF THE TRAFFIC SIGNALWORK SHALL BE INCIDENTAL TO RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOVED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

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



\\D:\0\Projects\264\Dgn\CADD\_Sheets\160132-SHT-TS-24.dgn

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 CONSULTING ENGINEERS  
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USER NAME = vpegrimos  
 PLOT SCALE = 20.000' / in.  
 PLOT DATE = 4/25/2012

DESIGNED - VO  
 DRAWN - YJ  
 CHECKED - KGP  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN  
 US ROUTE 30 AT FIFTH ST.**

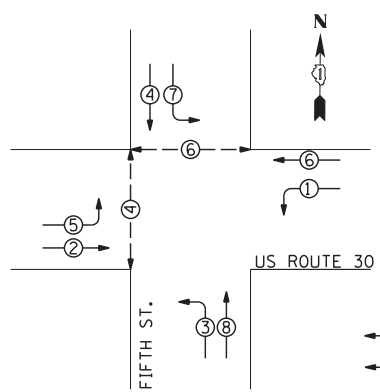
SCALE: 1"=20'      SHEET NO.      OF      SHEETS      STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	268
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET

**CONTROLLER SEQUENCE**

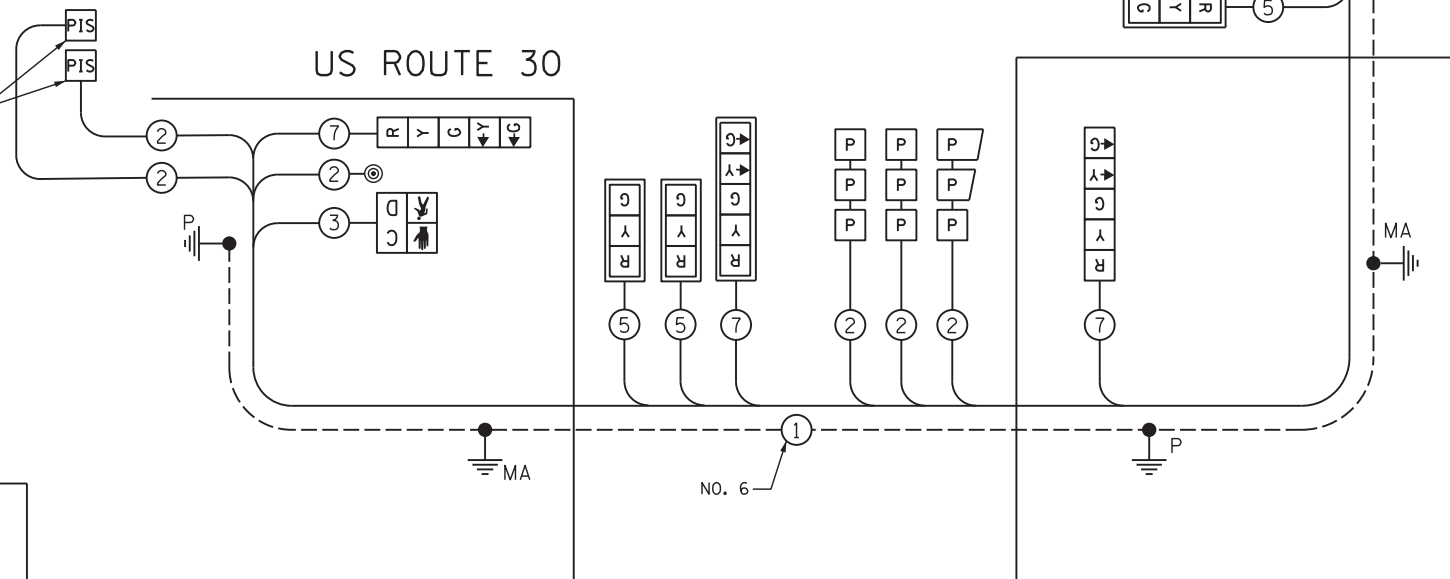


**PHASE DESIGNATION DIAGRAM**

**LEGEND**  
 ● ○ DUAL ENTRY PHASE  
 ● ○ PEDESTRIAN PHASE  
 ● NUMBER REFERS TO ASSOCIATED PHASE

PROPOSED INTERCONNECT AND SAMPLING (SYSTEM) DETECTORS

**US ROUTE 30**



**CABLE PLAN**

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

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SO FT	27
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	766
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	60
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	92
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	505
HANDHOLE	EACH	4
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
TRANSCEIVER-FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	770
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	790
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1830
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1740
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2900
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	58
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	900
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	54
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED	EACH	4
WITH COUNTDOWN TIMER		
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	12
INDUCTIVE LOOP DETECTOR	EACH	12
PREFORMED DETECTOR LOOP	FOOT	1020
PREDESTRIAN PUSH-BUTTON	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	12
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE	
TYPE	NO LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16		17	0.50	136.0
(YELLOW)	16		25	0.25	100.0
(GREEN)	16		15	0.25	60.0
ARROW	16		12	0.10	19.2
PED. SIGNAL	4		25	1.00	100
ILLUM. SIGN	-		25	0.10	-
CONTROLLER	1		100	1.00	100
TOTAL =					515.2

**ENERGY COST TO:**

VILLAGE OF MONTGOMERY  
 1300 S. BROADWAY  
 MONTGOMERY, ILLINOIS 60538

ENERGY SUPPLY CONTACT: MARK SHERIBEL  
 PHONE: 630-723-2128  
 COMPANY: COMMONWEALTH EDISON

**SINGH**  
 CONSULTING ENGINEERS  
 www.singhinc.com

USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YJ	REVISED -
PLOT DATE = 4/25/2012	CHECKED - KGP	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM  
 US ROUTE 30 AT FIFTH ST.**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	269
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

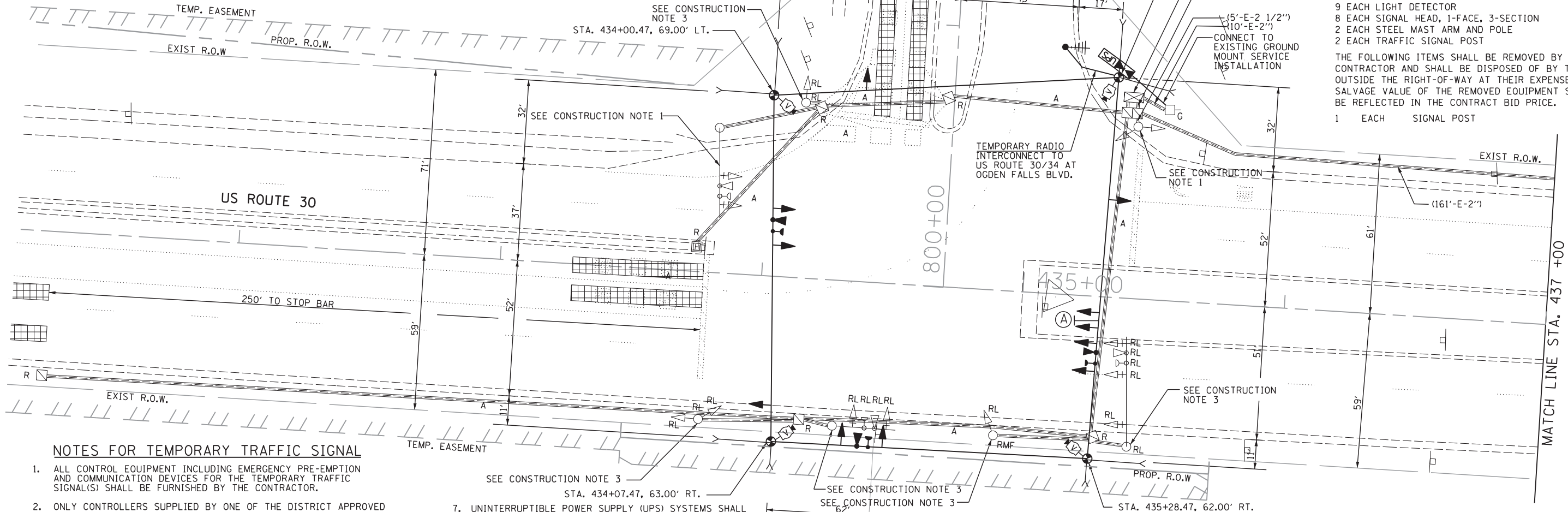
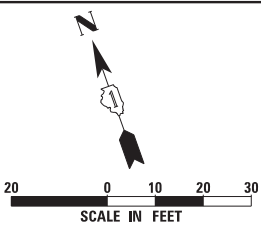
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**RESTORATION OF THE WORK AREA.**  
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

- CONSTRUCTION NOTES:**
- EXISTING TRAFFIC SIGNAL EQUIPMENT AND FOUNDATION TO REMAIN IN PLACE.
  - EXISTING DOUBLE HANDHOLE, CONTROLLER CABINET, UPS, AND FOUNDATION TO REMAIN IN PLACE.
  - EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE RELOCATED. EXISTING FOUNDATION TO BE REMOVED.

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

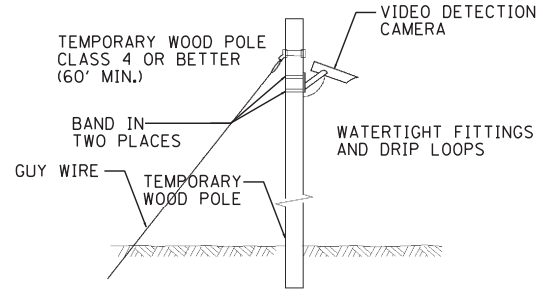
**SIGN (A)**  
 LEFT ON GREEN ARROW ONLY  
 R-10-5  
 24" x 30"  
 (1 EACH)



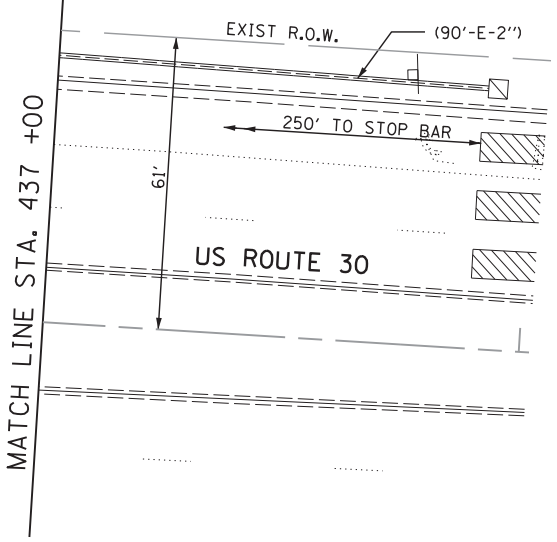
- THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE NEW LOCATION.
- 2 EACH CONFIRMATION BEACON
  - 9 EACH LIGHT DETECTOR
  - 8 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
  - 2 EACH STEEL MAST ARM AND POLE
  - 2 EACH TRAFFIC SIGNAL POST
- THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.
- 1 EACH SIGNAL POST

**NOTES FOR TEMPORARY TRAFFIC SIGNAL**

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- 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 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.
- 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.
- 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.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- 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.
- 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.
- 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.
- 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 SPECIFICATION OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
- 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.



**TEMPORARY VIDEO DETECTION MOUNTING DETAIL**  
 (NOT TO SCALE)



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USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
PLOT SCALE = 20.000' / in.	DRAWN - YJ	REVISED -
PLOT DATE = 4/25/2012	CHECKED - KGP	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

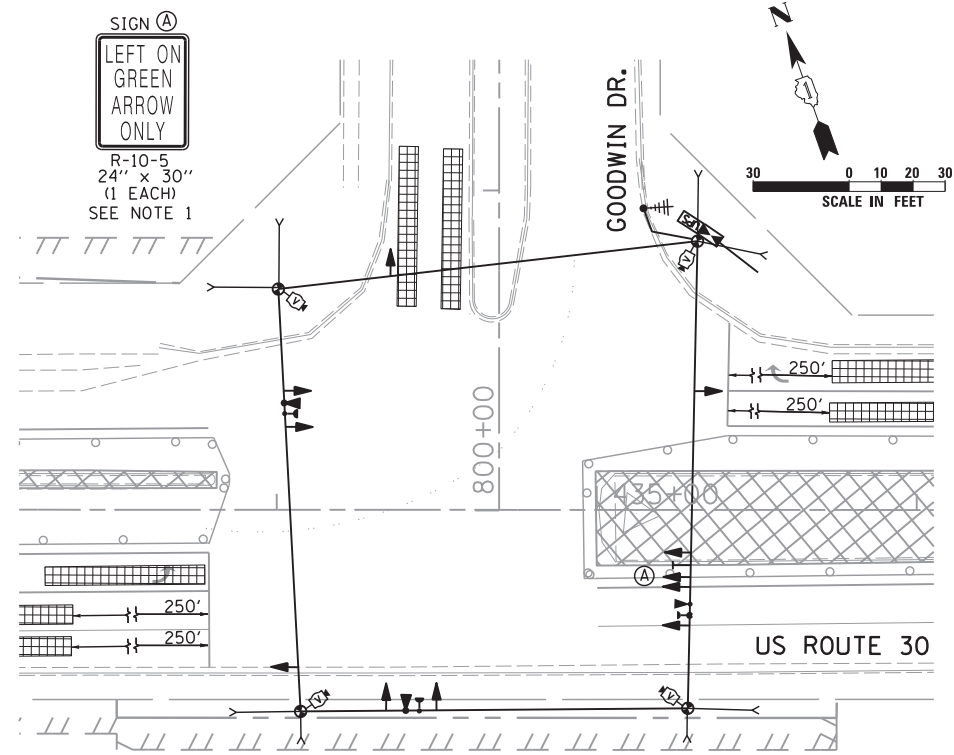
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN**  
**US ROUTE 30 AT GOODWIN DR.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	270
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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PRE-STAGE 1

NOTES:

1. COST OF SIGN IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION.

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USER NAME = vpelegrinos  
PLOT SCALE = 30.000' / in.  
PLOT DATE = 4/25/2012

DESIGNED - VO  
DRAWN - YJ  
CHECKED - KGP  
DATE -

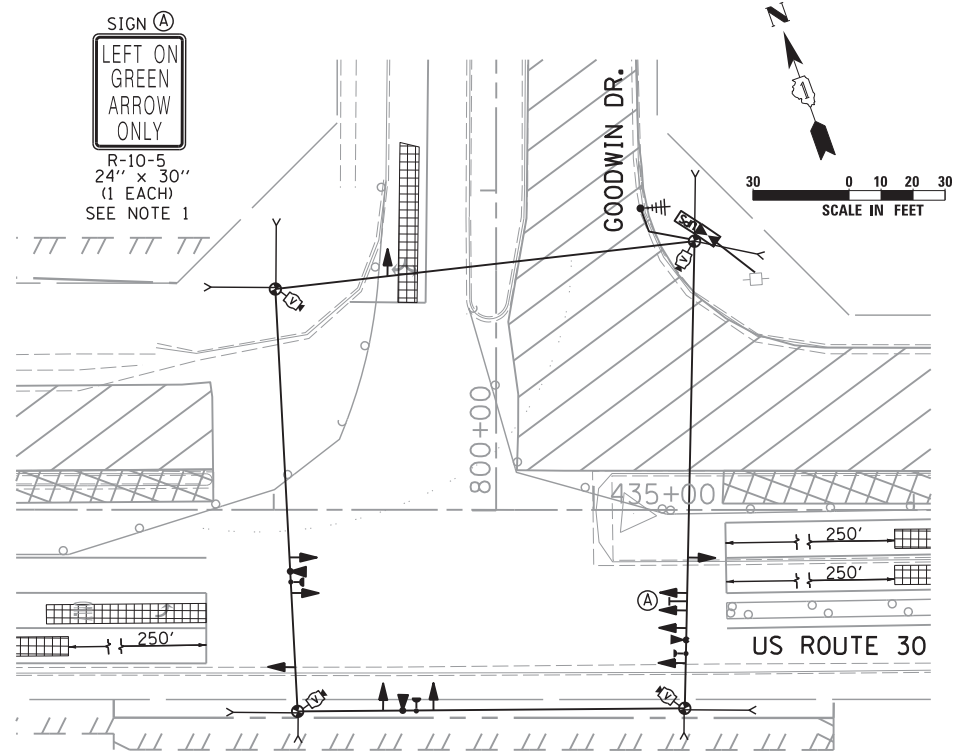
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL M.O.T. STAGING PLAN  
US RTE 30 AT GOODWIN DR. PRE-STAGE 1

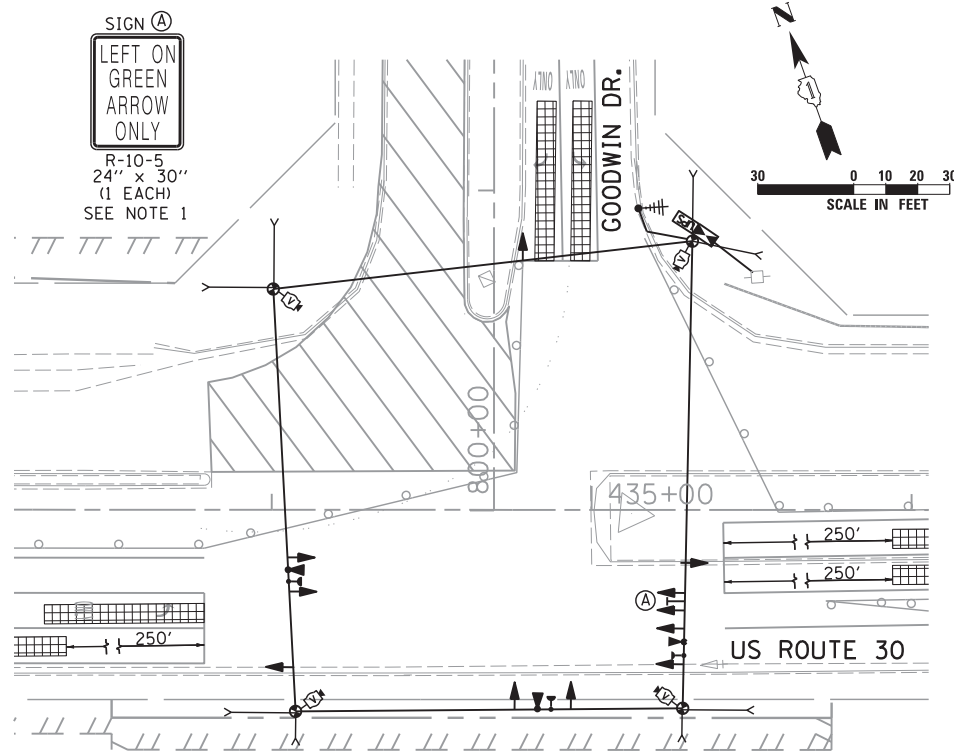
SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	271
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



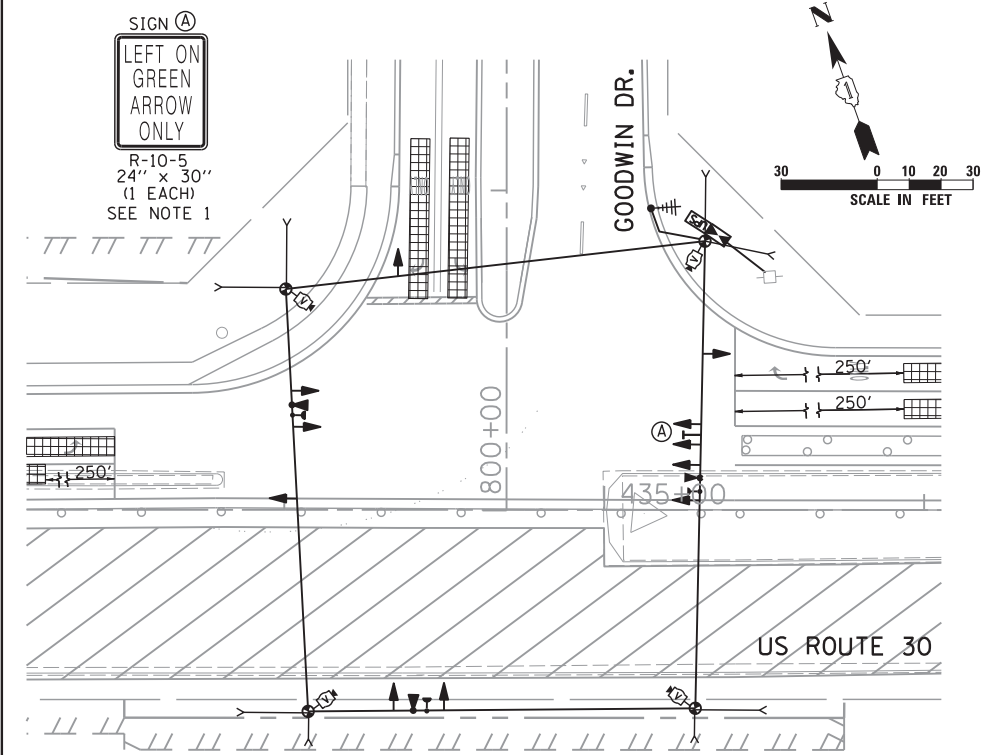
STAGE 1

NOTES:  
1. COST OF SIGN IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION.



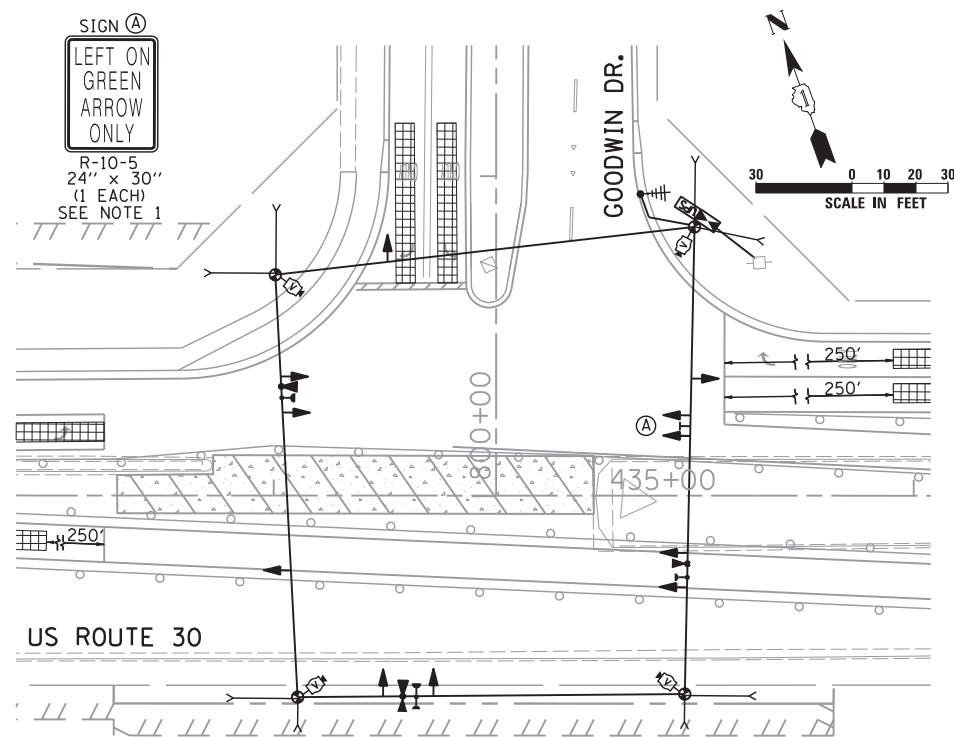
STAGE 1a

NOTES:  
1. COST OF SIGN IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION.



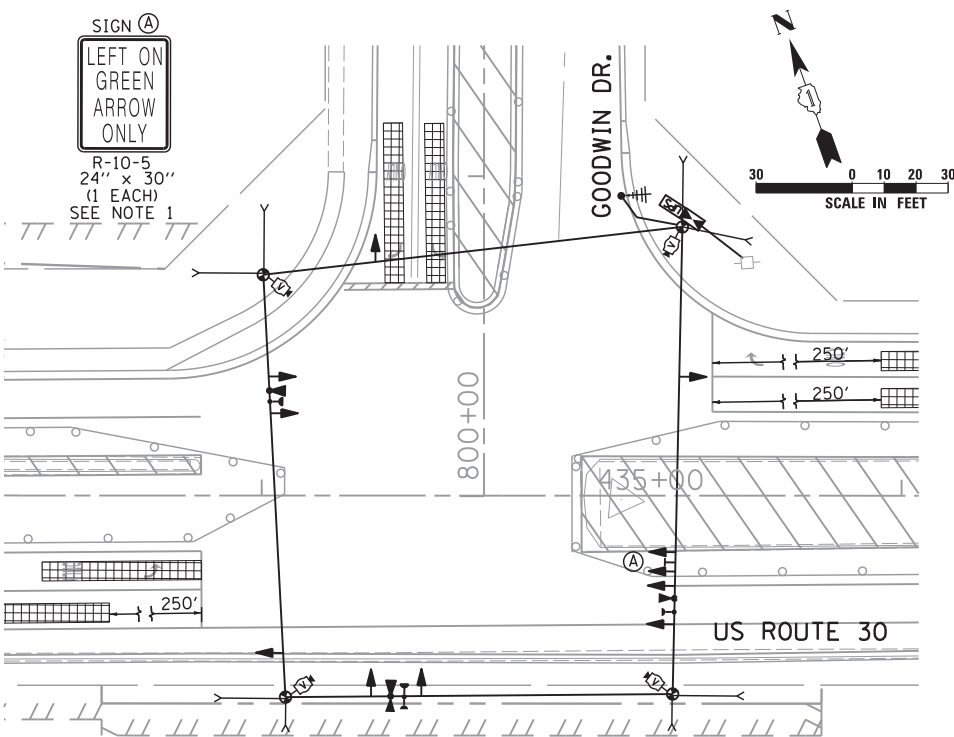
STAGE 2

NOTES:  
1. COST OF SIGN IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION.



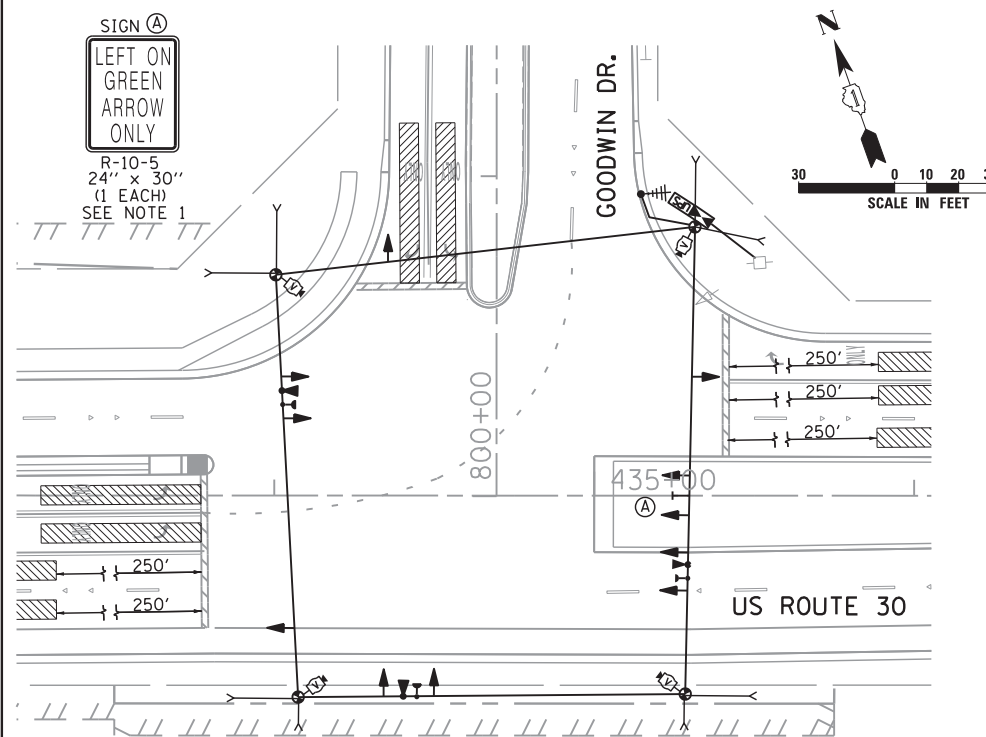
STAGE 2a

NOTES:  
1. COST OF SIGN IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION.



STAGE 3

NOTES:  
1. COST OF SIGN IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION.



FINAL GEOMETRICS

NOTES:  
1. COST OF SIGN IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION.

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USER NAME = vpelegrinos  
DESIGNED - VO  
DRAWN - YJ  
PLOT SCALE = 30.000' / in.  
CHECKED - KGP  
DATE = 4/25/2012

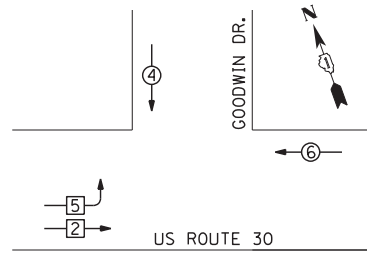
REVISOR -  
REVISION -  
REVISION -  
REVISION -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

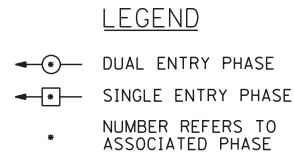
TEMPORARY TRAFFIC SIGNAL M.O.T. STAGING PLAN  
US RTE 30 AT GOODWIN DR. STAGE 1, 1a, 2, 2a, 3 AND FINAL GEOMETRICS  
SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 272
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60132	

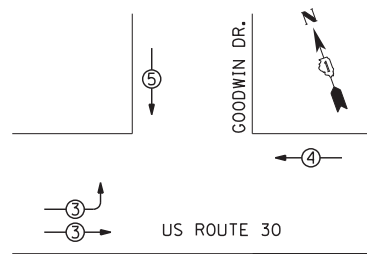
TEMPORARY CONTROLLER SEQUENCE



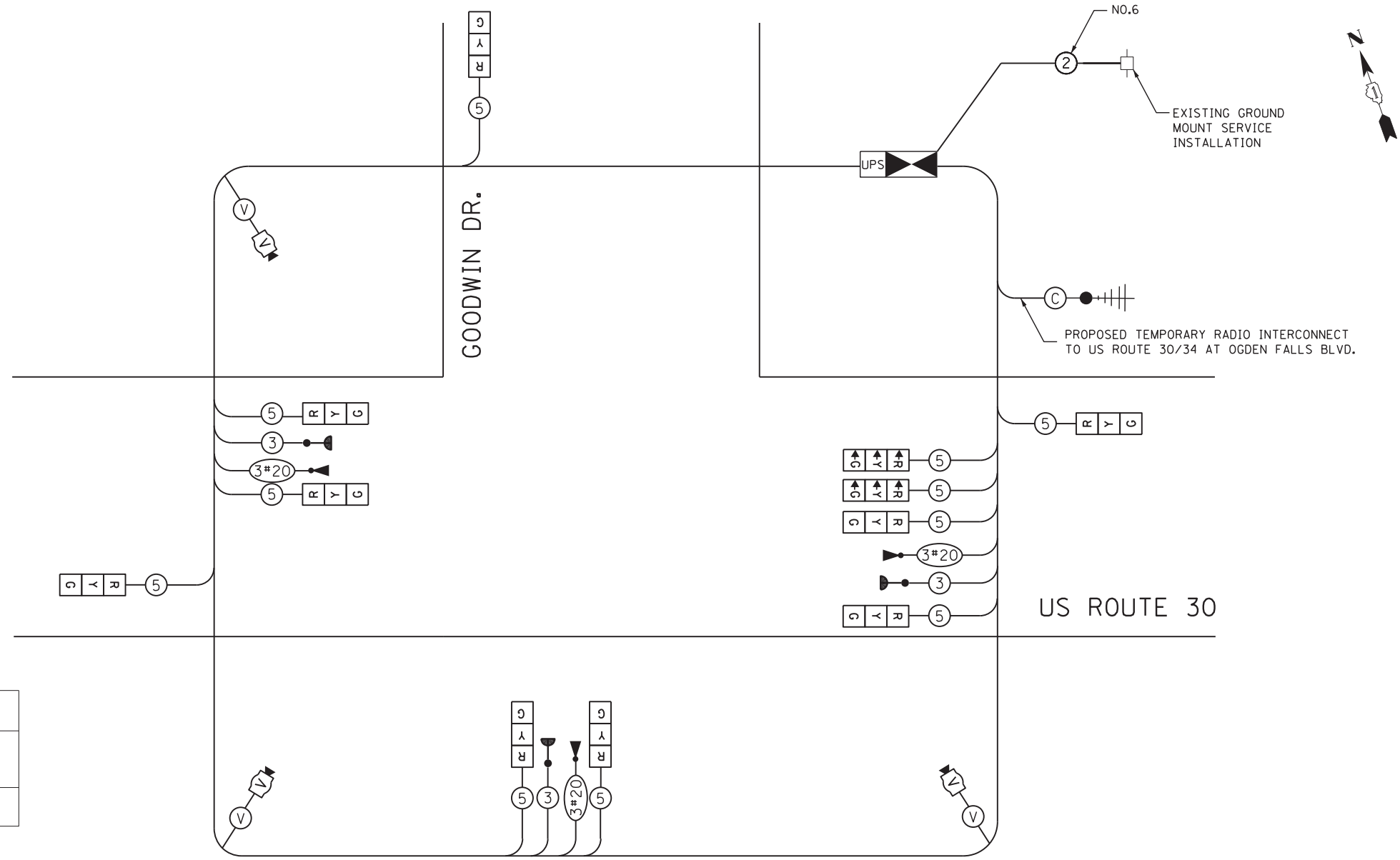
TEMPORARY PHASE DESIGNATION



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	↔	←	↓



TEMPORARY CABLE PLAN

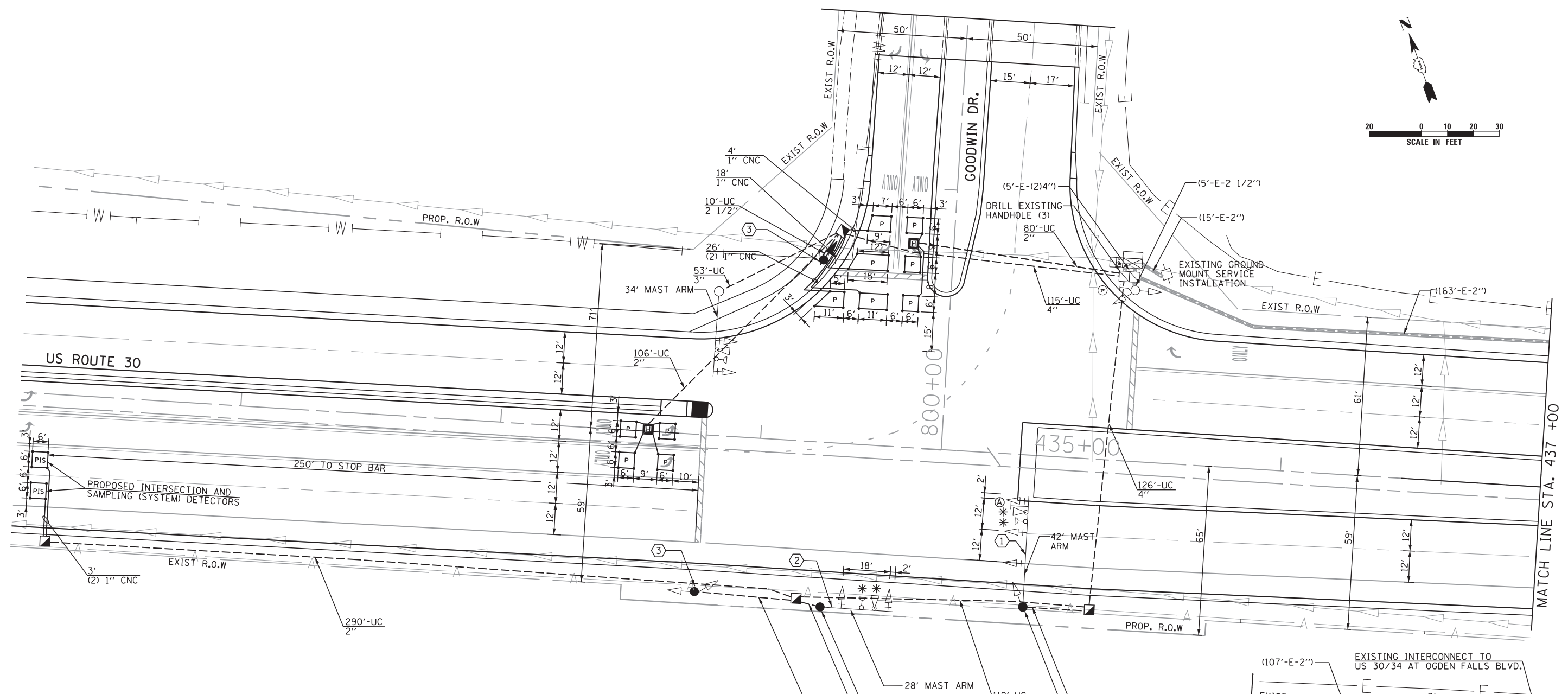
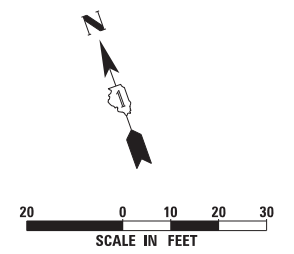
**NOTE:**  
THE TEMPORARY TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

**RESTORATION OF THE WORK AREA,**  
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	11		17	0.50	93.5
(YELLOW)	11		25	0.25	68.8
(GREEN)	11		15	0.25	41.3
ARROW	-		25	0.10	-
PED. SIGNAL	-		25	0.05	-
ILLUM. SIGN	-		25	0.10	-
YELLOW ARROW	-		12	0.10	-
GREEN ARROW	-		12	0.10	-
CONTROLLER	1		100	1.00	100
VIDEO DETECTION	1	150		1.00	150
TOTAL =					453.6

ENERGY COST TO:  
VILLAGE OF MONTGOMERY  
1300 S. BROADWAY  
MONTGOMERY, ILLINOIS 60538

ENERGY SUPPLY CONTACT: MARK SHERIBEL  
PHONE: 630-723-2128  
COMPANY: COMMONWEALTH EDISON

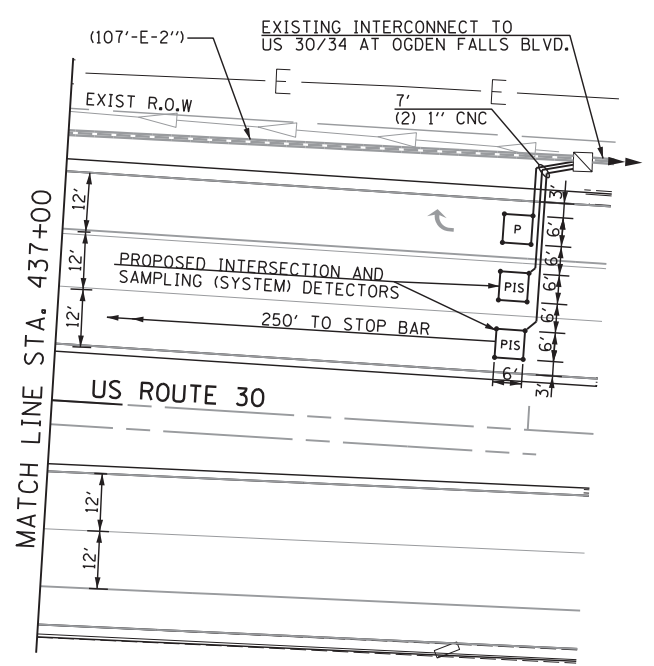


- CONSTRUCTION NOTES:**
- ① RELOCATED 42' STEEL MAST ARM ASSEMBLY AND POLE, SIGNAL HEADS, EVP PRIORITY SYSTEM DETECTOR UNIT, CONFIRMATION BEACON, STREET NAME SIGN, AND R10-5 SIGN PANEL ON PROPOSED 36" DIA. FOUNDATION.
  - ② RELOCATED 28' STEEL MAST ARM ASSEMBLY AND POLE, SIGNAL HEADS, EVP PRIORITY SYSTEM DETECTOR UNIT, STREET NAME SIGN, AND CONFIRMATION BEACON ON PROPOSED 36" DIA. FOUNDATION.
  - ③ RELOCATED 14' TRAFFIC SIGNAL POST AND SIGNAL HEADS ON PROPOSED CONCRETE FOUNDATION, TYPE A.

**NOTE:**  
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



\* 100% OF THE COST TO THE VILLAGE OF MONTGOMERY



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USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
PLOT SCALE = 20.000006' / in.	DRAWN - YJ	REVISED -
PLOT DATE = 4/25/2012	CHECKED - KGP	REVISED -
	DATE -	REVISED -

DESIGNED - VO	REVISED -
DRAWN - YJ	REVISED -
CHECKED - KGP	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

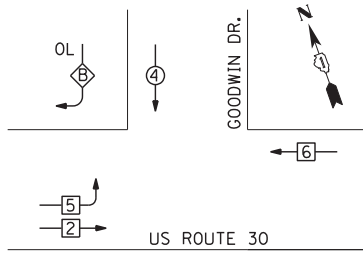
**TRAFFIC SIGNAL MODERNIZATION PLAN  
 US ROUTE 30 AT GOODWIN DR.**

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

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 274
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**CONTROLLER SEQUENCE**



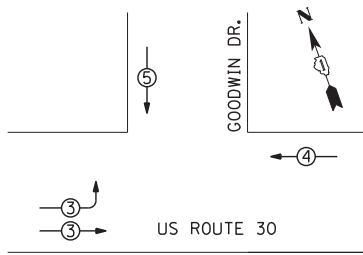
**PHASE DESIGNATION DIAGRAM**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5

**LEGEND**

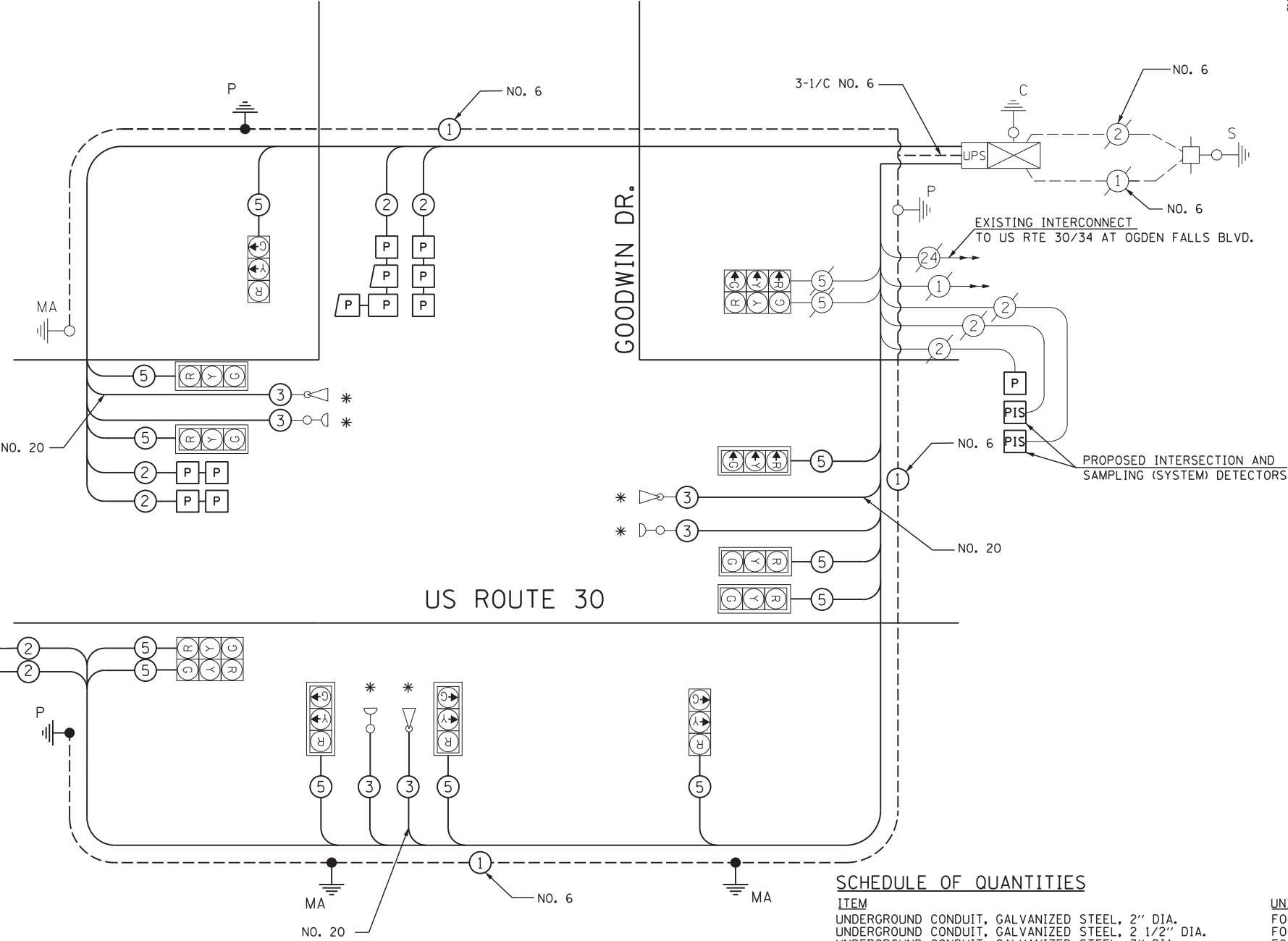
- ⊙ (with arrow) DUAL ENTRY PHASE
- ⊙ (with dot) SINGLE ENTRY PHASE
- ⊙ (with OL) OVERLAP
- NUMBER REFERS TO ASSOCIATED PHASE

**EMERGENCY VEHICLE PREEMPTION SEQUENCE**



PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	↘	←	↓



**CABLE PLAN**

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

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	476
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	50
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	90
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	353
HANDHOLE	EACH	4
HEAVY-DUTY HANDHOLE	EACH	2
* ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	824
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2885
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1915
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	665
CONCRETE FOUNDATION, TYPE A	FOOT	8
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	EACH	13
DRILL EXISTING HANDHOLE	EACH	3
PREFORMED DETECTOR LOOP	FOOT	560
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING SIGNAL HEAD	EACH	9
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2
RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	2
* RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
* ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	824

\* 100% OF THE COST TO THE VILLAGE OF MONTGOMERY

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	13		17	0.50	110.5
(YELLOW)	13		25	0.25	81.3
(GREEN)	13		15	0.25	48.8
ARROW	-		12	0.10	-
PED. SIGNAL	-		25	1.00	-
ILLUM. SIGN	-		25	0.10	-
CONTROLLER	1		100	1.00	100.0
TOTAL =					340.6

ENERGY COST TO:  
 VILLAGE OF MONTGOMERY  
 1300 S. BROADWAY  
 MONTGOMERY, ILLINOIS 60538  
 ENERGY SUPPLY CONTACT: MARK SHERIBEL  
 PHONE: 630-723-2128  
 COMPANY: COMMONWEALTH EDISON



USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YJ	REVISED -
PLOT DATE = 4/25/2012	CHECKED - KGP	REVISED -
	DATE -	REVISED -

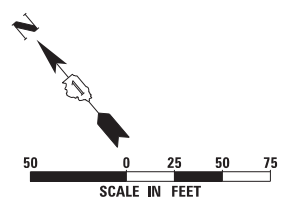
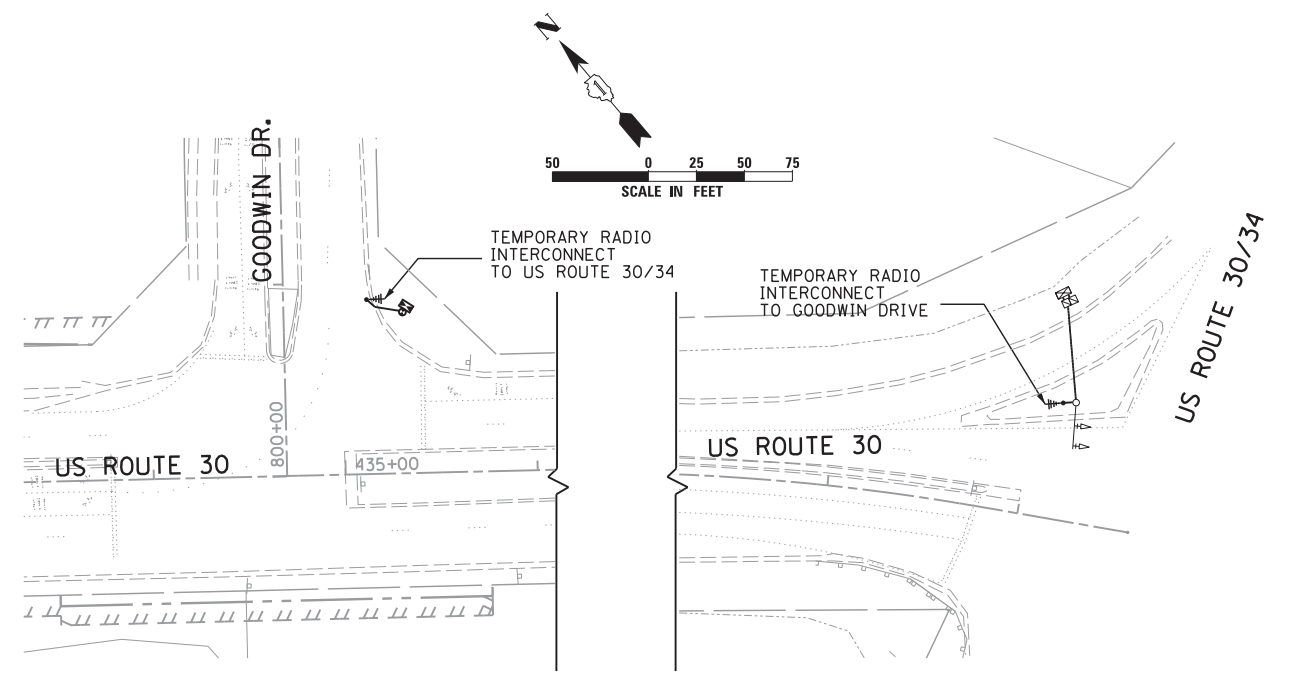
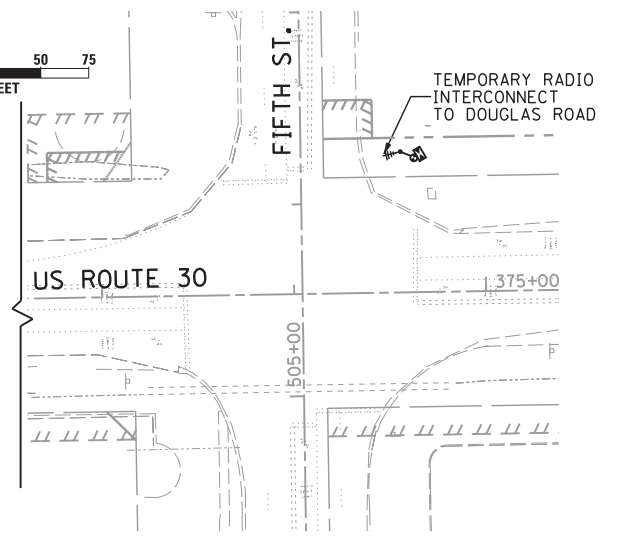
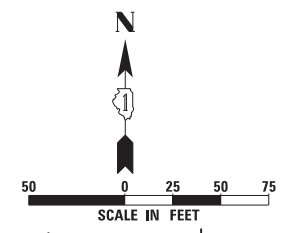
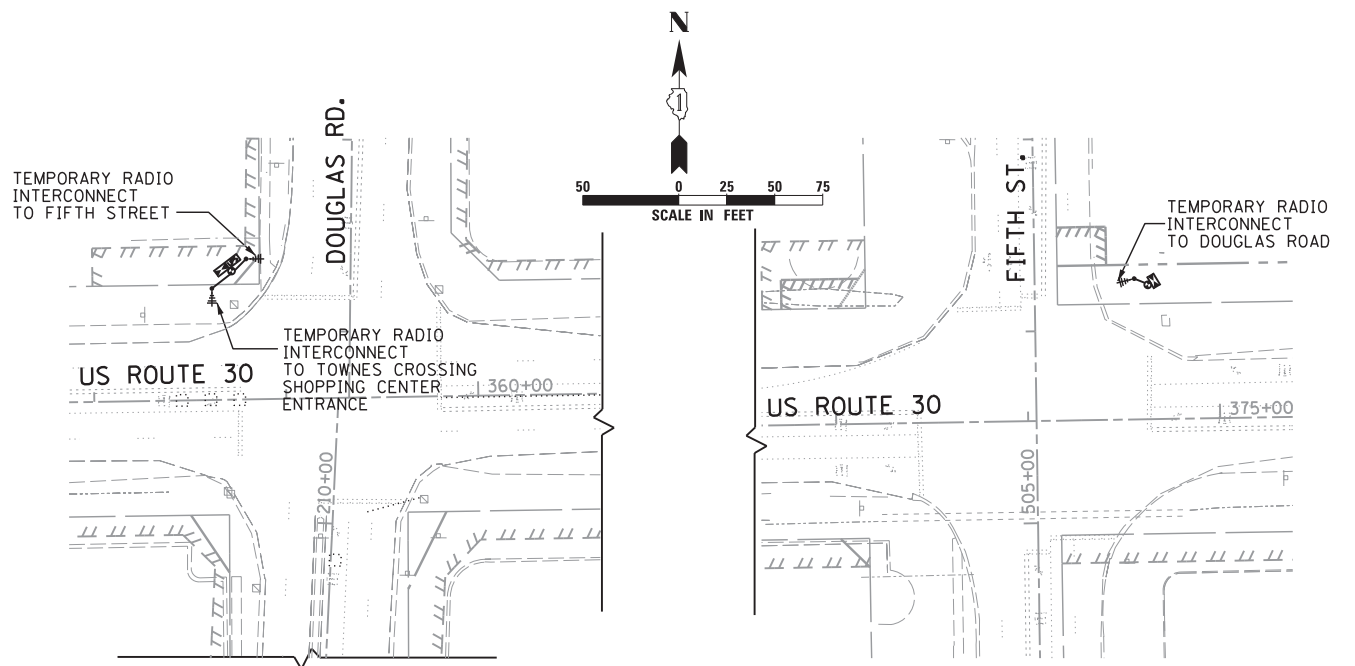
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM  
 AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  
 US ROUTE 30 AT GOODWIN DR.**

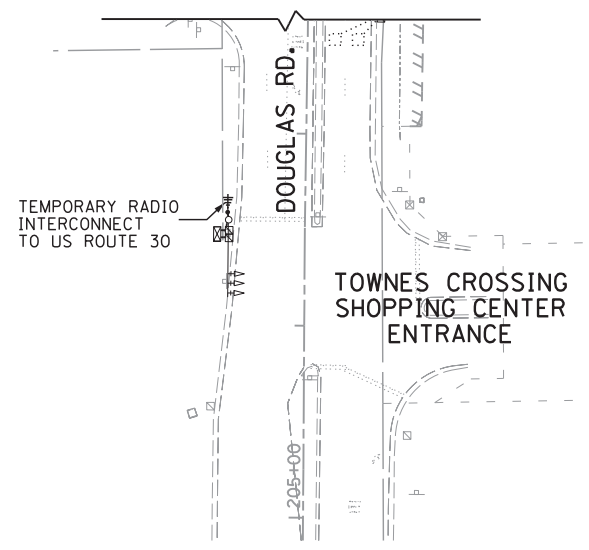
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	275
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

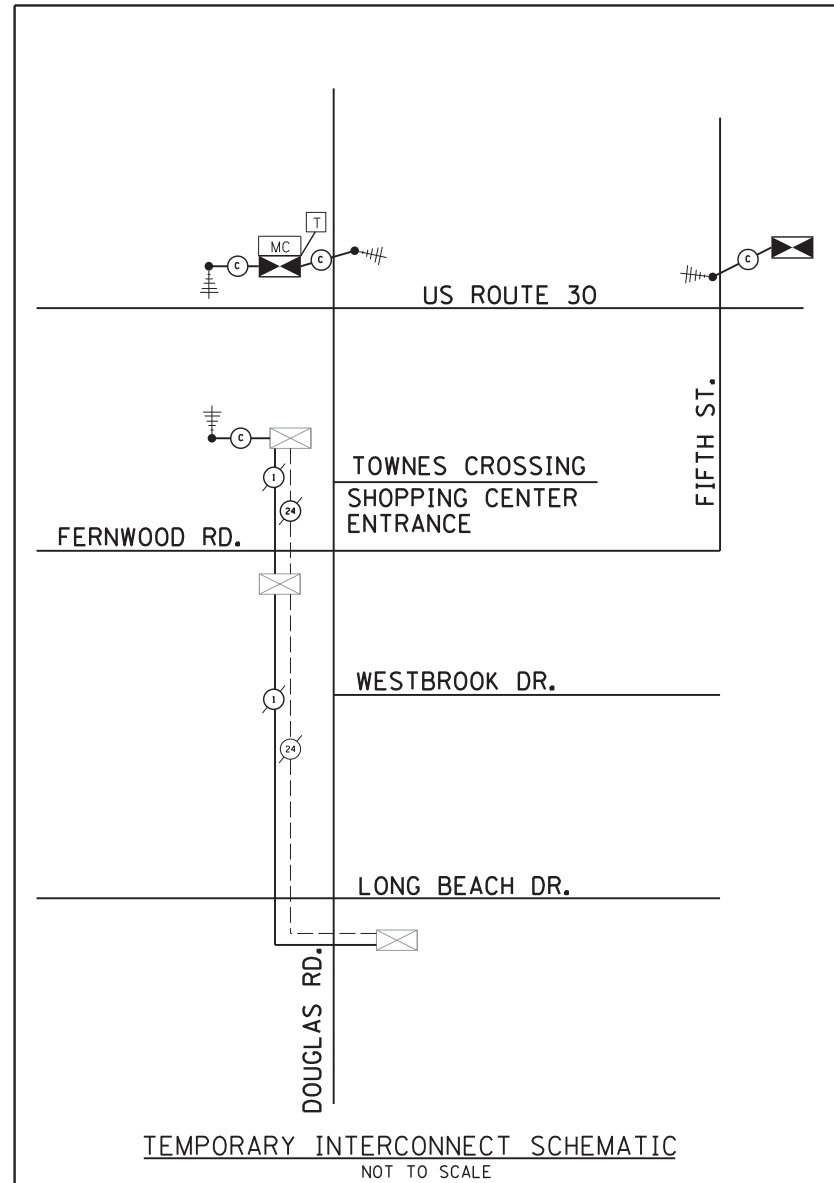
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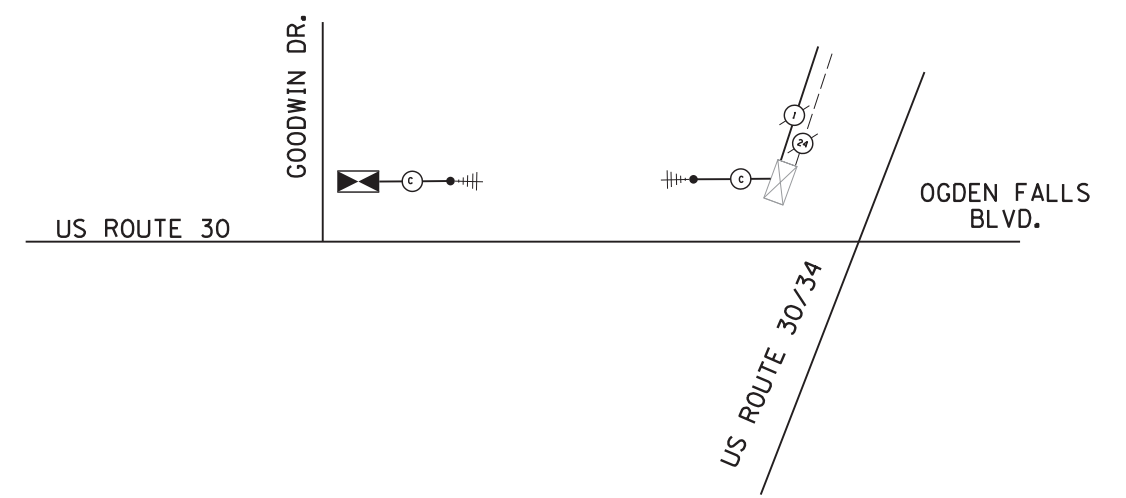
TEMPORARY INTERCONNECT PLAN



TEMPORARY INTERCONNECT PLAN



TEMPORARY INTERCONNECT SCHEMATIC  
NOT TO SCALE



TEMPORARY INTERCONNECT SCHEMATIC  
NOT TO SCALE

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DRAWN - YJ	REVISED -	
PLOT SCALE = 50.000' / in.	CHECKED - KGP	REVISED -
PLOT DATE = 4/25/2012	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

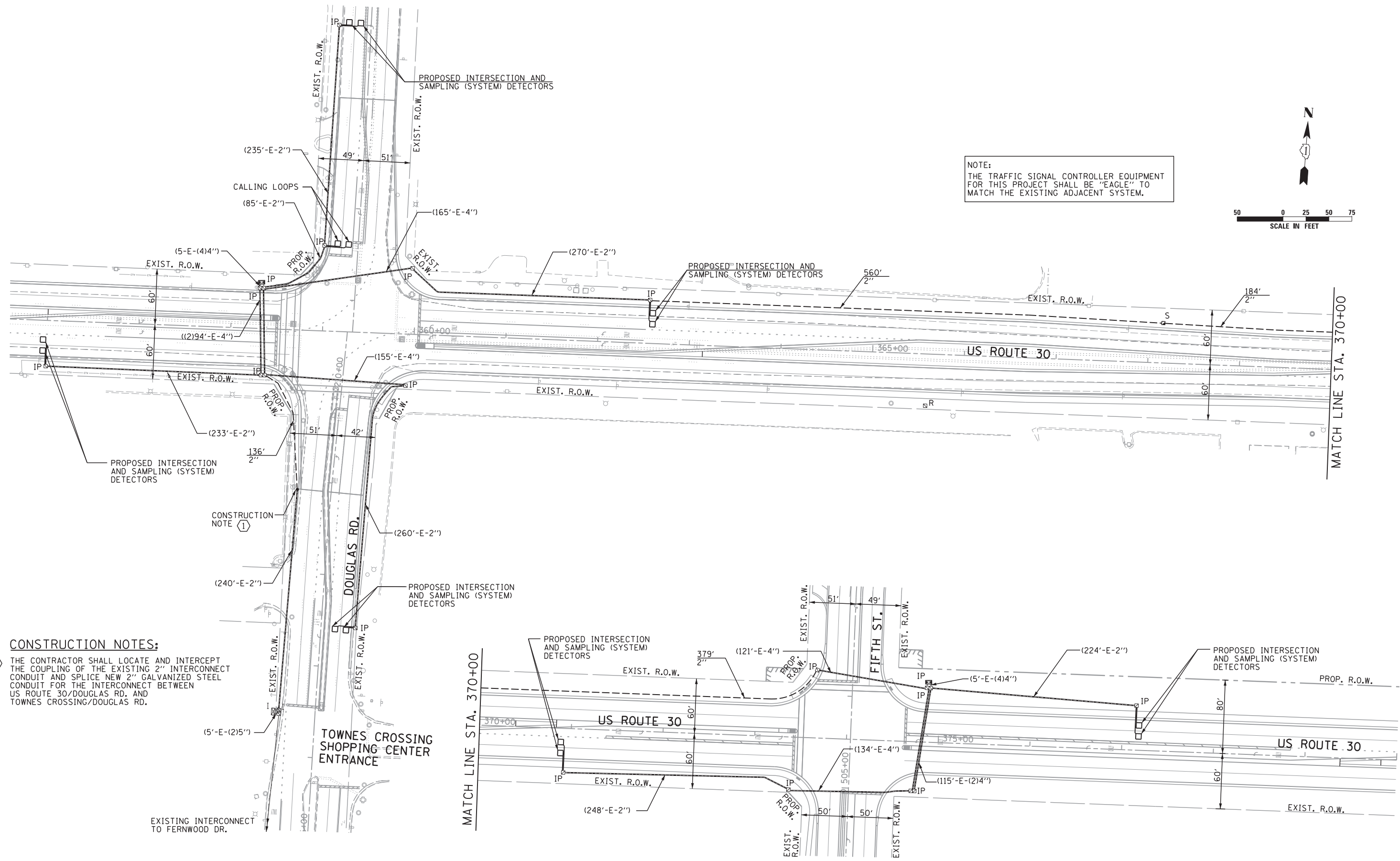
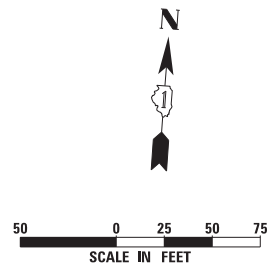
TEMPORARY INTERCONNECT PLAN AND SCHEMATIC US ROUTE 30 FROM DOUGLAS RD. TO FIFTH ST. AND FROM GOODWIN DR. TO US ROUTE 30/34			
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	276
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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**CONSTRUCTION NOTES:**  
 ① THE CONTRACTOR SHALL LOCATE AND INTERCEPT THE COUPLING OF THE EXISTING 2" INTERCONNECT CONDUIT AND SPLICE NEW 2" GALVANIZED STEEL CONDUIT FOR THE INTERCONNECT BETWEEN US ROUTE 30/DOUGLAS RD. AND TOWNES CROSSING/DOUGLAS RD.

NOTE:  
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



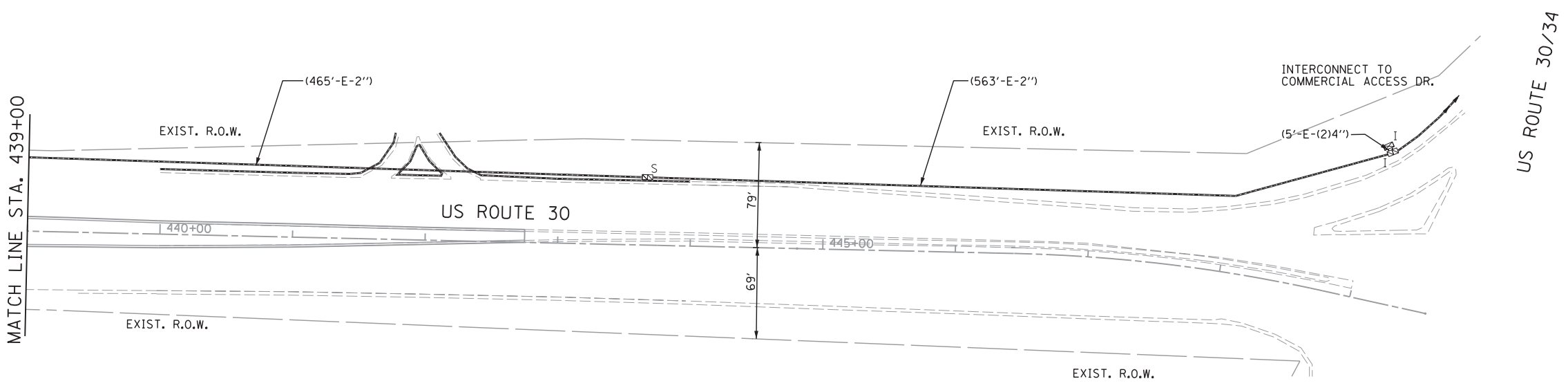
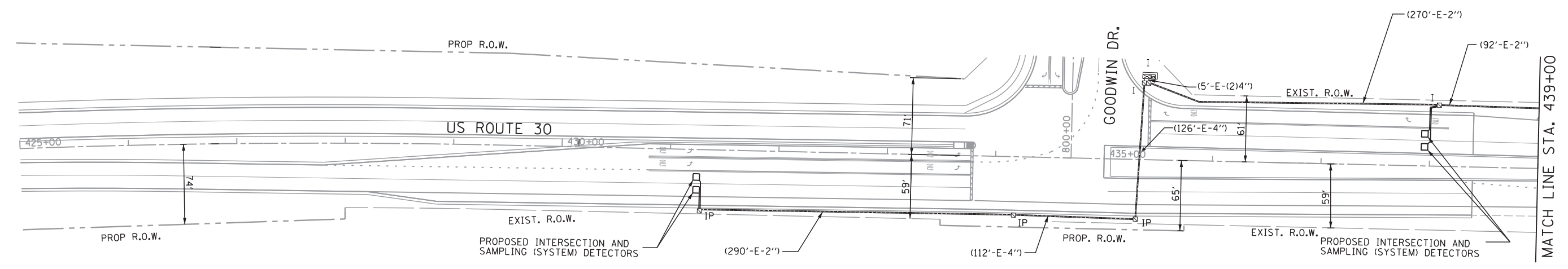
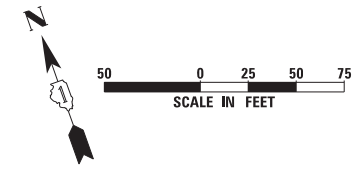
**SINGH**  
 CONSULTING ENGINEERS  
 www.singhinc.com

USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
PLOT SCALE = 50.000' / in.	DRAWN - YJ	REVISED -
PLOT DATE = 4/25/2012	CHECKED - KGP	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SYSTEM INTERCONNECT PLAN, US ROUTE 30 (DOUGLAS RD. TO FIFTH ST.)</b>	
SCALE: 1"=50'	SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	277
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

\\D:\0\Projects\264\Dgn\CADD\_Sheets\160132-SHT-TS-34.dgn

**SINGH**  
 CONSULTING ENGINEERS  
 www.singhinc.com

USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
DRAWN - YJ	REVISOR -	
PLOT SCALE = 50.000' / in.	CHECKED - KGP	REVISOR -
PLOT DATE = 4/25/2012	DATE -	REVISOR -

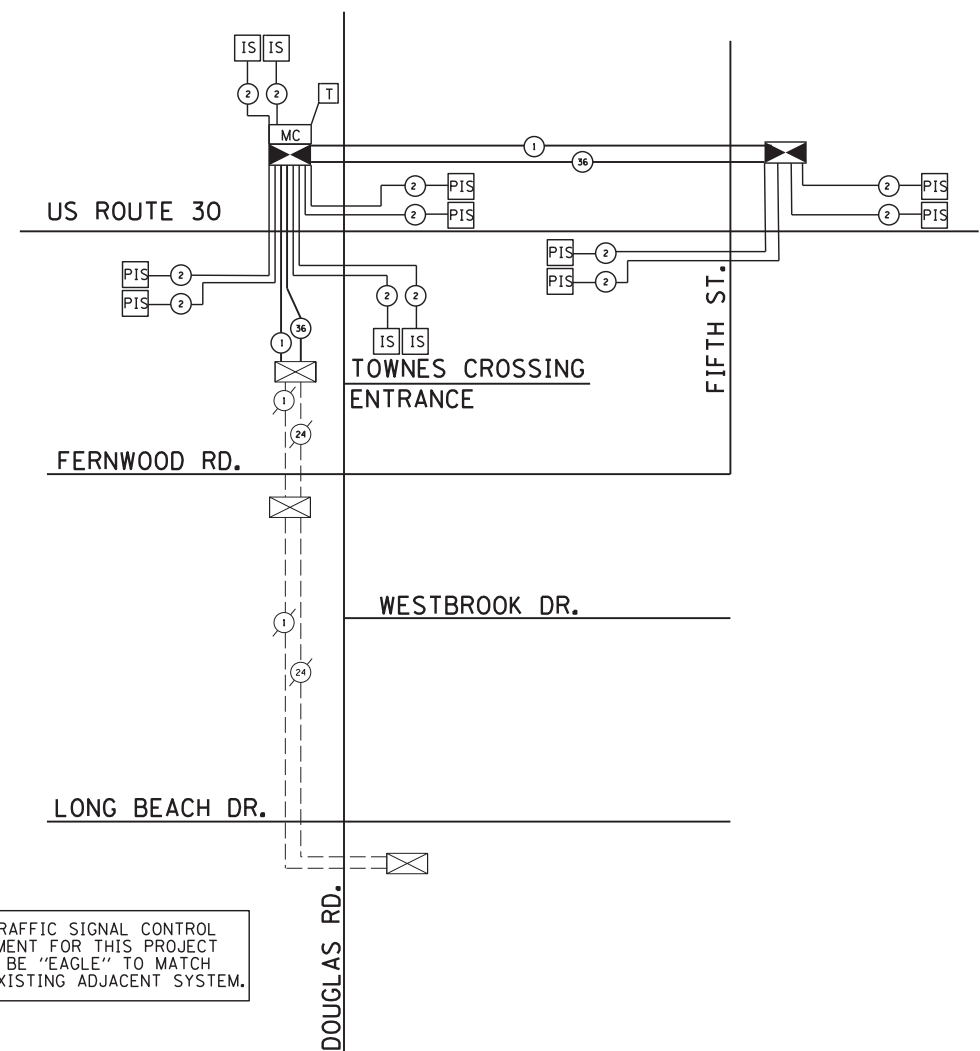
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SYSTEM INTERCONNECT PLAN**  
**US ROUTE 30 (GOODWIN DR. TO US 3034)**

SCALE: 1"=50'      SHEET NO.    OF    SHEETS    STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	278
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





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

**SYSTEM INTERCONNECT SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1259
HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MASTER CONTROLLER, SPECIAL	EACH	1
CONDUIT SPLICE	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	2312
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	2312
REMOVE ELECTRIC CABLE FROM CONDUIT	EACH	376
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1

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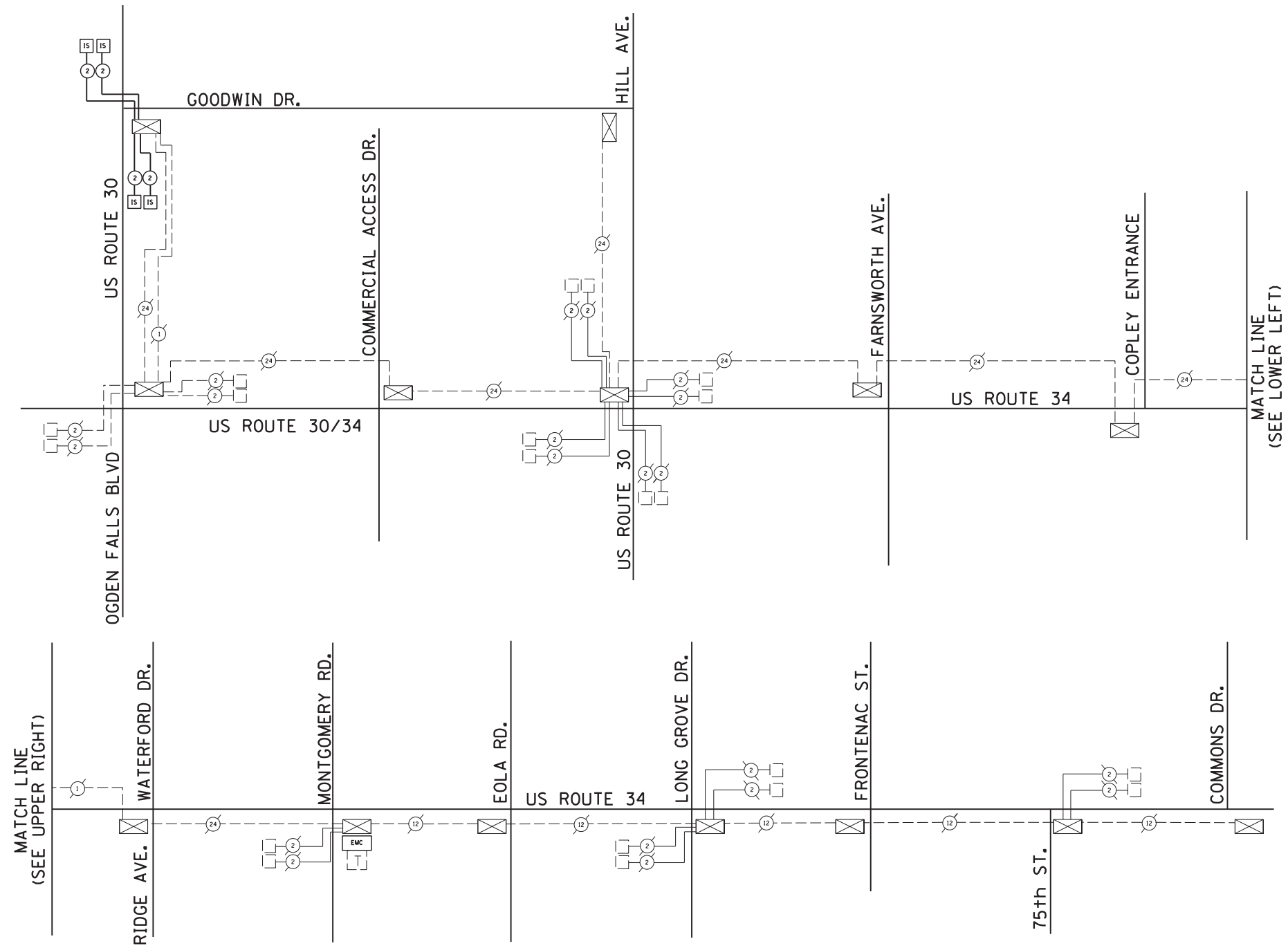


USER NAME = vpelegrinos	DESIGNED - VO	REVISED -
	DRAWN - YJ	REVISED -
PLOT SCALE = 50.000' / 1" =	CHECKED - KGP	REVISED -
PLOT DATE = 4/25/2012	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

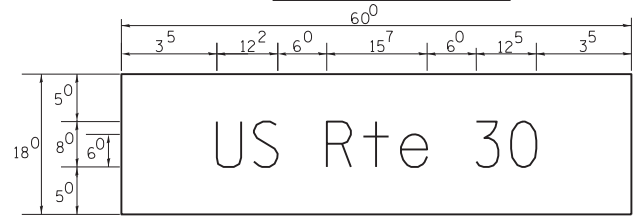
<b>INTERCONNECT SCHEMATIC</b>			
<b>US ROUTE (30 DOUGLAS RD. TO FIFTH ST.) AND DOUGLAS RD. (US ROUTE 30 TO LONG BEACH DR.)</b>			
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	279
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

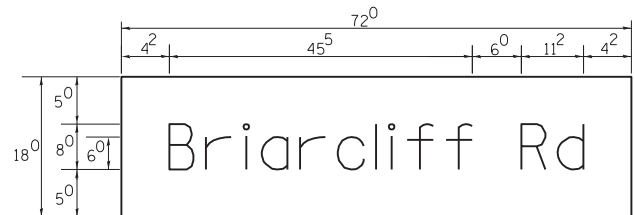


THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

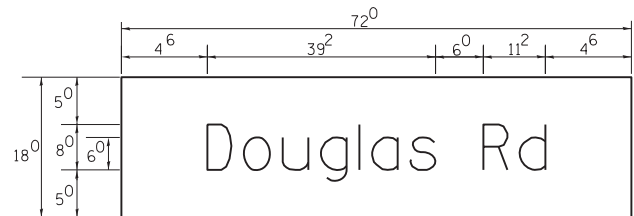
PANEL SIGN DESIGN TYPE I



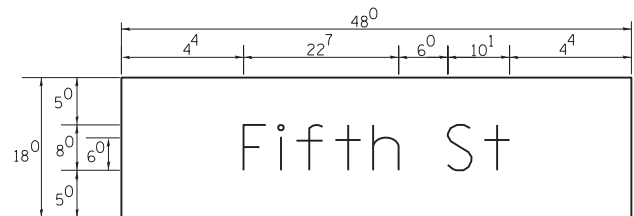
\_\_\_\_ Sq. M. each  
 7.5 Sq. Ft. each  
 6 Required  
 Design Series D



\_\_\_\_ Sq. M. each  
 9.0 Sq. Ft. each  
 2 Required  
 Design Series D



\_\_\_\_ Sq. M. each  
 9.0 Sq. Ft. each  
 2 Required  
 Design Series D



\_\_\_\_ Sq. M. each  
 6.0 Sq. Ft. each  
 2 Required  
 Design Series D

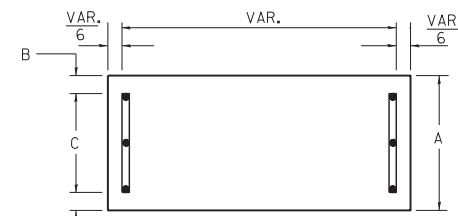
NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS

GENERAL NOTES

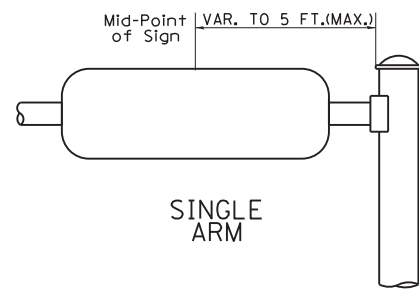
- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 834001, 834006 AND 834011, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 6'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
  - ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
  - THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 6'-0".
  - ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
  - SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:
 

* A.K.T. CORPORATION SCHAUMBURG, IL	* AMERICAN FABRICATION CO. CHICAGO HEIGHTS, IL
* TUCKER COMPANY, INC. WAUWATOSA, WI	* WESTERN TRAFFIC CONTROL INC. CICERO, IL
- PARTS LISTING:**  
 SIGN CHANNEL PART \*HPN053 (MED. CHANNEL)  
 SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3  
 SELF TAPPING WITH NEOPRENE WASHER  
 BRACKETS PART \*HPN034 (UNIVERSAL)  
 CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING
- OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

SUPPORTING CHANNELS

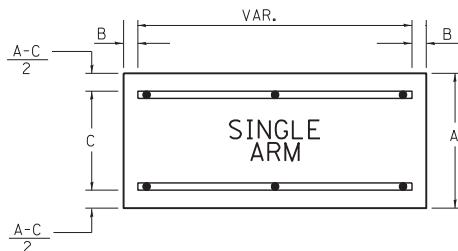


A	B	C
18"	2"	14"

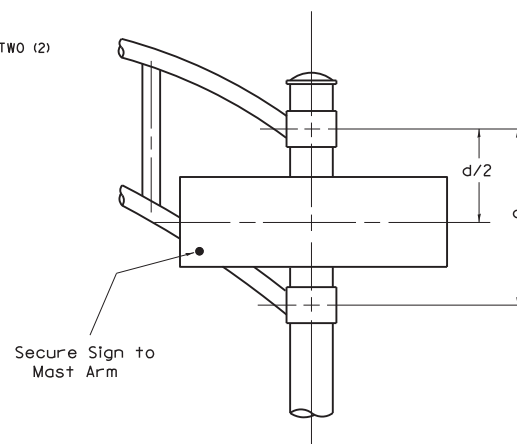


SINGLE ARM

SUPPORTING CHANNELS



A	B	C
18"	2"	12"
30"	2"	22"



DUAL ARM

SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM Shall be used. See Note #5.

Upper Case To Lower Case Spacing Chart 8-6 Inch Series "C & D"

FIRST LETTER	SECOND LETTER															
	acde goq		bhikl mnpru		f w		j		s t		v y		x z			
	C	D	C	D	C	D	C	D	C	D	C	D	C	D		
A W X	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>1</sup>	1 <sup>4</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>2</sup>	1 <sup>4</sup>
B	1 <sup>4</sup>	1 <sup>5</sup>	2 <sup>0</sup>	2 <sup>1</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>
C E G	1 <sup>4</sup>	1 <sup>5</sup>	2 <sup>0</sup>	2 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>
D O O R	1 <sup>4</sup>	1 <sup>5</sup>	2 <sup>0</sup>	2 <sup>1</sup>	1 <sup>4</sup>	1 <sup>5</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>
F	0 <sup>5</sup>	0 <sup>6</sup>	1 <sup>4</sup>	1 <sup>5</sup>	0 <sup>6</sup>	1 <sup>0</sup>	0 <sup>5</sup>	0 <sup>6</sup>	0 <sup>6</sup>	1 <sup>0</sup>	0 <sup>6</sup>	1 <sup>0</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>1</sup>	1 <sup>2</sup>
H I M N	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>2</sup>	2 <sup>4</sup>	2 <sup>0</sup>	2 <sup>1</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>6</sup>	1 <sup>7</sup>	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>0</sup>	2 <sup>1</sup>
J U	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>0</sup>	2 <sup>1</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>6</sup>	1 <sup>7</sup>	2 <sup>0</sup>	2 <sup>1</sup>
K L	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>1</sup>	1 <sup>2</sup>	0 <sup>5</sup>	0 <sup>6</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>2</sup>	1 <sup>4</sup>
P	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	0 <sup>5</sup>	0 <sup>6</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>
S	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>2</sup>	1 <sup>4</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>
T	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>6</sup>	1 <sup>7</sup>	0 <sup>6</sup>	1 <sup>0</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>2</sup>	1 <sup>4</sup>
V	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>
Y	0 <sup>5</sup>	0 <sup>6</sup>	1 <sup>4</sup>	1 <sup>5</sup>	0 <sup>6</sup>	1 <sup>0</sup>	0 <sup>6</sup>	0 <sup>5</sup>	0 <sup>7</sup>	0 <sup>5</sup>	0 <sup>6</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>1</sup>	1 <sup>2</sup>	
Z	1 <sup>6</sup>	1 <sup>7</sup>	2 <sup>2</sup>	2 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>6</sup>	1 <sup>7</sup>	2 <sup>0</sup>	2 <sup>1</sup>

Lower Case To Lower Case Spacing Chart 6 Inch Series "C & D"

FIRST LETTER	SECOND LETTER															
	acde goq		bhikl mnpru		f w		j		s t		v y		x z			
	C	D	C	D	C	D	C	D	C	D	C	D	C	D		
a d h g i j l m n q u	1 <sup>6</sup>	1 <sup>7</sup>	2 <sup>2</sup>	2 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>6</sup>	1 <sup>7</sup>
b f k o p s	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>1</sup>	1 <sup>2</sup>	0 <sup>5</sup>	0 <sup>6</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>
c e	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>2</sup>	1 <sup>4</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>
r	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>2</sup>	1 <sup>4</sup>	0 <sup>6</sup>	1 <sup>0</sup>	0 <sup>3</sup>	0 <sup>3</sup>	0 <sup>5</sup>	0 <sup>6</sup>	0 <sup>5</sup>	0 <sup>6</sup>	0 <sup>6</sup>	1 <sup>0</sup>	0 <sup>6</sup>	1 <sup>0</sup>
t z	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>2</sup>	1 <sup>4</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>
v y	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	0 <sup>5</sup>	0 <sup>6</sup>	0 <sup>6</sup>	1 <sup>0</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>
w	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	0 <sup>5</sup>	0 <sup>6</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>2</sup>	1 <sup>4</sup>
x	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>1</sup>	1 <sup>2</sup>	0 <sup>5</sup>	0 <sup>6</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>2</sup>	1 <sup>4</sup>

Number To Number Spacing Chart 8 Inch Series "C & D"

FIRST NUMBER	SECOND NUMBER																			
	0		1		2		3		4		5		6		7		8		9	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
0 9	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>6</sup>	1 <sup>7</sup>
1	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>0</sup>	2 <sup>1</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>4</sup>	1 <sup>5</sup>	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>0</sup>	2 <sup>1</sup>	1 <sup>4</sup>	1 <sup>5</sup>	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>0</sup>	2 <sup>1</sup>
2 3 4	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>4</sup>	1 <sup>5</sup>
5	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>
6	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>
7	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>5</sup>	0 <sup>5</sup>	0 <sup>6</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>
8	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>4</sup>	1 <sup>5</sup>

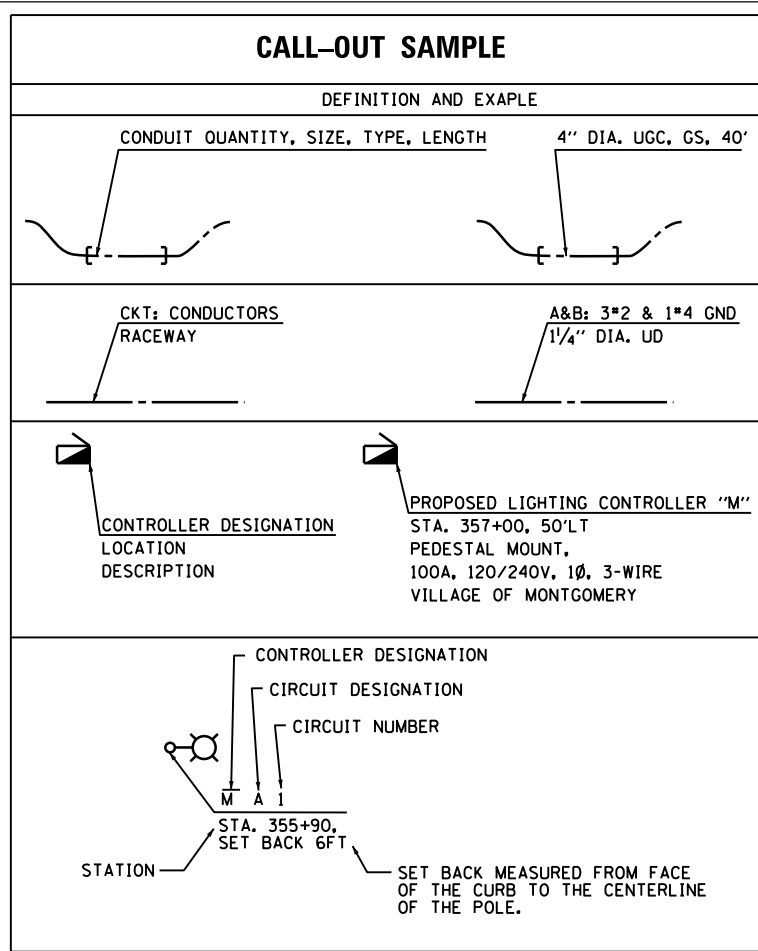
EXAMPLE, 2<sup>(3)</sup> DENOTES 3/8"

UPPER AND LOWER CASE LETTER WIDTHS

LETTERS	6 INCH UPPER CASE LETTERS				8 INCH UPPER CASE LETTERS				LETTERS	6 INCH LOWER CASE LETTERS	
	SERIES		SERIES		SERIES		SERIES			C	D
	C	D	C	D	C	D	C	D			
A	3 <sup>6</sup>	5 <sup>0</sup>	5 <sup>0</sup>	6 <sup>5</sup>	a	3 <sup>5</sup>	4 <sup>2</sup>				
B	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	b	3 <sup>5</sup>	4 <sup>2</sup>				
C	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	c	3 <sup>5</sup>	4 <sup>1</sup>				
D	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	d	3 <sup>5</sup>	4 <sup>2</sup>				
E	3 <sup>0</sup>	3 <sup>5</sup>	4 <sup>0</sup>	4 <sup>7</sup>	e	3 <sup>5</sup>	4 <sup>2</sup>				
F	3 <sup>0</sup>	3 <sup>5</sup>	4 <sup>0</sup>	4 <sup>7</sup>	f	2 <sup>3</sup>	2 <sup>6</sup>				
G	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	g	3 <sup>5</sup>	4 <sup>2</sup>				
H	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	h	3 <sup>5</sup>	4 <sup>2</sup>				
I	0 <sup>7</sup>	0 <sup>7</sup>	1 <sup>1</sup>	1 <sup>2</sup>	i	1 <sup>1</sup>	1 <sup>1</sup>				
J	3 <sup>0</sup>	3 <sup>6</sup>	4 <sup>0</sup>	5 <sup>0</sup>	j	2 <sup>0</sup>	2 <sup>2</sup>				
K	3 <sup>2</sup>	4 <sup>1</sup>	4 <sup>3</sup>	5 <sup>4</sup>	k	3 <sup>5</sup>	4 <sup>2</sup>				
L	3 <sup>0</sup>	3 <sup>5</sup>	4 <sup>0</sup>	4 <sup>7</sup>	l	1 <sup>1</sup>	1 <sup>1</sup>				
M	3 <sup>7</sup>	4 <sup>5</sup>	5 <sup>1</sup>	6 <sup>1</sup>	m	6 <sup>0</sup>	7 <sup>0</sup>				
N	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	n	3 <sup>5</sup>	4 <sup>2</sup>				
O	3 <sup>4</sup>	4 <sup>2</sup>	4 <sup>5</sup>	5 <sup>5</sup>	o	3 <sup>6</sup>	4 <sup>3</sup>				
P	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	p	3 <sup>5</sup>	4 <sup>2</sup>				
Q	3 <sup>4</sup>	4 <sup>2</sup>	4 <sup>5</sup>	5 <sup>5</sup>	q	3 <sup>5</sup>	4 <sup>2</sup>				
R	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	r	2 <sup>6</sup>	3 <sup>2</sup>				
S	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	s	3 <sup>6</sup>	4 <sup>2</sup>				
T	3 <sup>0</sup>	3 <sup>5</sup>	4 <sup>0</sup>	4 <sup>7</sup>	t	2 <sup>7</sup>	3 <sup>2</sup>				
U	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	u	3 <sup>5</sup>	4 <sup>2</sup>				
V	3 <sup>5</sup>	4 <sup>4</sup>	4 <sup>7</sup>	6 <sup>0</sup>	v	4 <sup>2</sup>	4 <sup>7</sup>				
W	4 <sup>4</sup>	5 <sup>2</sup>	6 <sup>0</sup>	7 <sup>0</sup>	w	5 <sup>5</sup>	6 <sup>4</sup>				
X	3 <sup>4</sup>	4 <sup>0</sup>	4 <sup>5</sup>	5 <sup>3</sup>	x	4 <sup>4</sup>	5 <sup>1</sup>				
Y	3 <sup>6</sup>	5 <sup>0</sup>	5 <sup>0</sup>	6 <sup>6</sup>	y	4 <sup>6</sup>	5 <sup>3</sup>				
Z	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	z	3 <sup>6</sup>	4 <sup>3</sup>				

NUMBER	6 INCH SERIES		8 INCH SERIES	
	C	D	C	D
1	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	2 <sup>0</sup>

LIGHTING AND ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	EXISTING PEDESTAL MOUNTED LIGHTING CONTROLLER, TO BE REMOVED
	EXISTING COMBINATION LIGHT POLE TO BE REMOVED
	LIGHT POLE, WOOD, 60FT, CLASS 4 WITH 15FT MAST ARM AND 400W HPS TYPE M-C-III COBRAHEAD LUMINAIRE WITH PHOTOCCELL MOUNTED AT 45FT M.H. U.N.O.
	EXISTING UTILITY SERVICE CONNECTION, POLE MOUNTED
	EXISTING ELECTRIC UTILITY POLE
	EXISTING JUNCTION BOX
	EXISTING CONDUIT TO BE REMOVED OR ABANDONED
	EXISTING UNDERGROUND UNIT DUCT TO BE ABANDONED
	PROPOSED LIGHTING UNIT, 47.5FT M.H., 400W HPS, 120V TYPE M-C-III COBRAHEAD LUMINAIRE HORIZONTAL MOUNT ON 12FT DAVIT ARM WITH PHOTOCCELL ON TOP U.N.O.
	PROPOSED LIGHTING CONTROLLER, SIZE AND TYPE AS NOTED
	PROPOSED UTILITY SERVICE CONNECTION, POLE MOUNTED
	PROPOSED ELECTRIC UTILITY POLE
	PROPOSED JUNCTION BOX, SIZE AND TYPE AS NOTED
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
	PROPOSED CABLE OR UNIT DUCT IN EXPOSED CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED CABLE OR UNIT DUCT IN CONCEALED CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED AERIAL LIGHTING CABLE WITH MESSENGER WIRE
	ELECTRIC GROUND ROD
	CONDUIT TURNED UP
	CONDUIT TURNED DOWN



ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HPS	HIGH PRESSURE SODIUM
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
LTFM	LIQUID TIGHT FLEXIBLE METALLIC
LPS	LOW PRESSURE SODIUM
M	METER
MA	MAST ARM
MM	MILLIMETER
M.H.	MOUNTING HEIGHT
MW	MESSENGER WIRE
NO. #	NUMBER
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
XFMR	TRANSFORMER
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
UGC, GS	UNDERGROUND CONDUIT, GALVANIZED STEEL
WP	WOOD POLE

**GENERAL NOTES**

1. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

**INDEX OF DRAWINGS:**

DRAWING NO.	TITLE
E-1	LEGEND, ABBREVIATION, GENERAL NOTES, AND INDEX OF DRAWINGS
E-2	SCHEDULE OF QUANTITIES
E-3	EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING PLANS
E-4	PROPOSED LIGHTING PLAN
E-5	LIGHTING CONTROLLERS WIRING DIAGRAM
E-6	LIGHTING CONTROLLER DETAILS
BE-220	ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT
BE-301	LIGHT POLE FOUNDATION 40' (12.192 m) TO 47 1/2' (14.478 m) M.H. 15" (381 mm) BOLT CIRCLE
BE-305	LIGHT POLE FOUNDATION, METAL
BE-410	DAVIT LIGHT POLE 47'-6" (14.478 m) MOUNTING HEIGHT
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISC. ELECTRICAL DETAILS SHEET A
BE-800	TEMPORARY LIGHT POLE DETAILS
BE-805b	TEMPORARY LIGHTING AND TRAFFIC SIGNALS FOR SINGLE LANE STAGING
BE-805c	TEMPORARY LIGHTING AND TRAFFIC SIGNALS FOR SINGLE LANE STAGING

**IDOT DISTRICT 1 STANDARD DETAIL**

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>U.S. ROUTE 30 AT DOUGLAS ROAD</b>	
<b>LEGEND, ABBREVIATION, GENERAL NOTES, AND INDEX OF DRAWINGS</b>	
SCALE: N.T.S.	SHEET NO. 1 OF 6 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	282
<b>CONTRACT NO. 60132</b>				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

**SCHEDULE OF QUANTITIES**

CODE NO.	ITEM	UNIT	QUANTITIES BY SHEET		TOTAL QUANTITY	50% OSWEGO	50% MONTGOMERY
			SHEET E-3	SHEET E-4			
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	-	2	2	1.0	1.0
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	-	1	1	0.5	0.5
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	-	176	176	88.0	88.0
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	-	182	182	91.0	91.0
* 81603050	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	-	2563	2563	1281.5	1281.5
* 81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	-	185	185	92.5	92.5
81800330	AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	FOOT	597	-	597	298.5	298.5
* 82103400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 400 WATT	EACH	-	14	14	7.0	7.0
82500335	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 100AMP	EACH	-	2	2	1.0	1.0
83050805	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. DAVIT ARM	EACH	-	12	12	6.0	6.0
83050825	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	-	2	2	1.0	1.0
83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	2	-	2	1.0	1.0
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	-	84	84	42.0	42.0
* X8360360	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 10" X 8'	EACH	-	2	2	1.0	1.0
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	-	11	11	5.5	5.5
83800505	BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT	EACH	-	8	8	4.0	4.0
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	2	-	2	1.0	1.0
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	-	1	0.5	0.5
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1	-	1	0.5	0.5
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	-	14	14	7.0	7.0
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	4	2	6	3.0	3.0
* XX004622	REMOVAL OF LUMINAIRE, SALVAGE	EACH	4	-	4	2.0	2.0
* X0323003	TEMPORARY ELECTRIC SERVICE INSTALLATION	EACH	1	-	1	0.5	0.5
* *****	TEMPORARY MAST ARM 15 FT.	EACH	3	-	3	1.5	1.5
* X8210015	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, 400 WATT	EACH	5	-	5	2.5	2.5

\* INDICATES SPECIAL PROVISION

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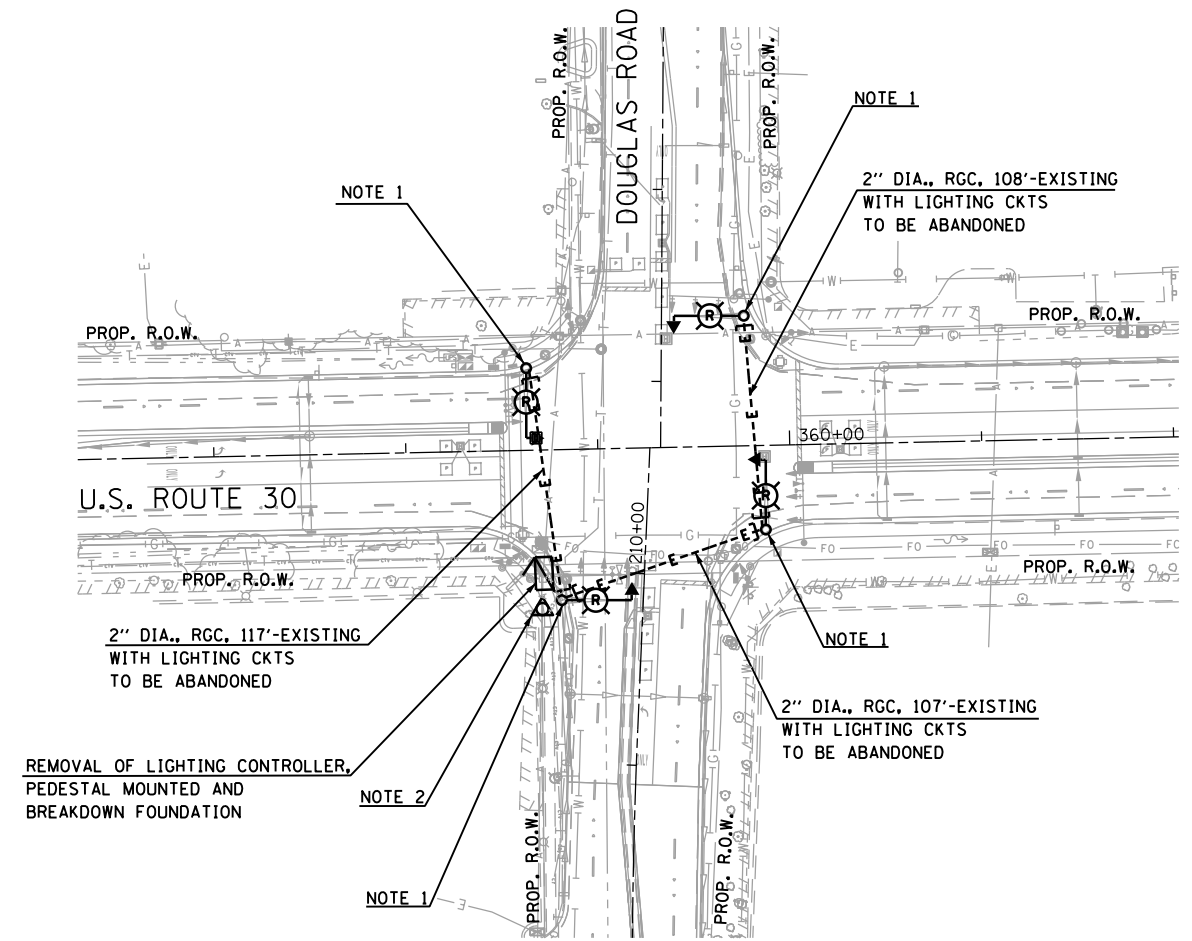
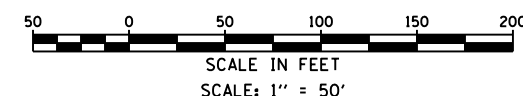
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

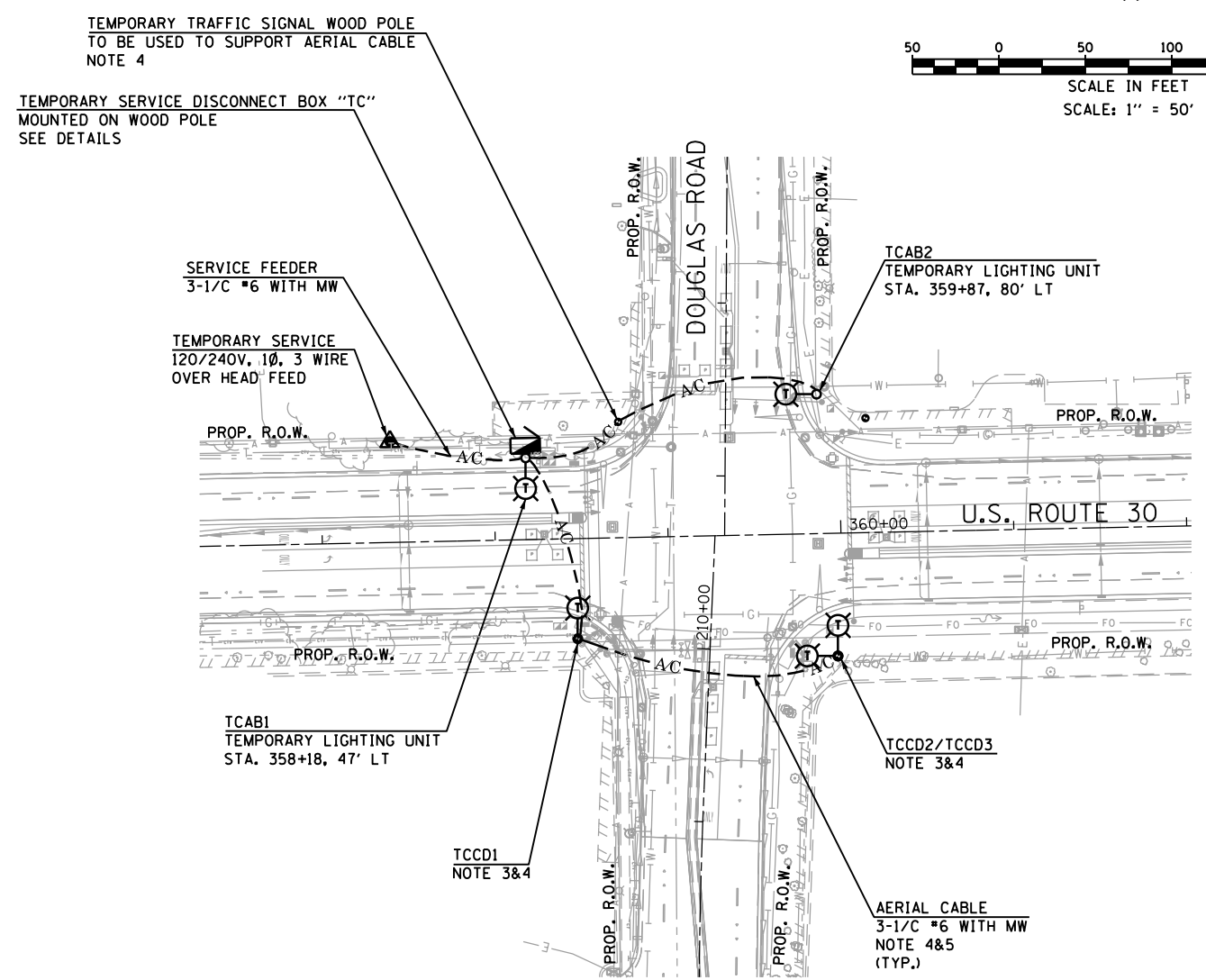
**U.S. ROUTE 30 AT DOUGLAS ROAD  
SCHEDULE OF QUANTITIES**

SCALE: N.T.S. SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	283
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**EXISTING LIGHTING REMOVAL PLAN**



**TEMPORARY LIGHTING REMOVAL PLAN**

**NOTES:**

1. REFER TO TRAFFIC SIGNAL PLANS FOR THE EXISTING TRAFFIC SIGNAL/LIGHTING COMBINATION LIGHT POLE, MAST ARM, AND POLE WIRING REMOVAL AND BREAKDOWN OF FOUNDATION. LUMINAIRE WILL BE REMOVED AS A PART OF PAY ITEM "REMOVAL OF LUMINAIRE".
2. REFER TRAFFIC SIGNAL PLANS FOR THE EXISTING COMBINED TRAFFIC SIGNAL LIGHTING ELECTRIC SERVICE REMOVAL.
3. INSTALL TEMPORARY MAST ARM(S) 15FT AND TEMPORARY 400W HPS TYPE M-C-III COBRAHEAD LUMINAIRE(S) ON TEMPORARY TRAFFIC SIGNAL WOOD POLE AT 45FT MOUNTING HEIGHT.
4. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL. TEMPORARY TRAFFIC SIGNAL WOOD POLES SUPPORTING AERIAL LIGHTING CABLE, LIGHTING MAST ARMS AND LUMINAIRES SHALL NOT BE REMOVED TILL PERMANENT LIGHTING SYSTEM IS PLACED IN APPROVED OPERATION. THIS WORK SHALL BE INCIDENTAL TO ASSOCIATED PAY ITEMS.
5. AERIAL CABLE SHALL BE INSTALLED SUCH THAT THE MINIMUM CLEARANCE FROM GROUND IS NO LESS THAN 20FT AND MINIMUM 10FT AWAY FROM UTILITY OVERHEAD LINES.

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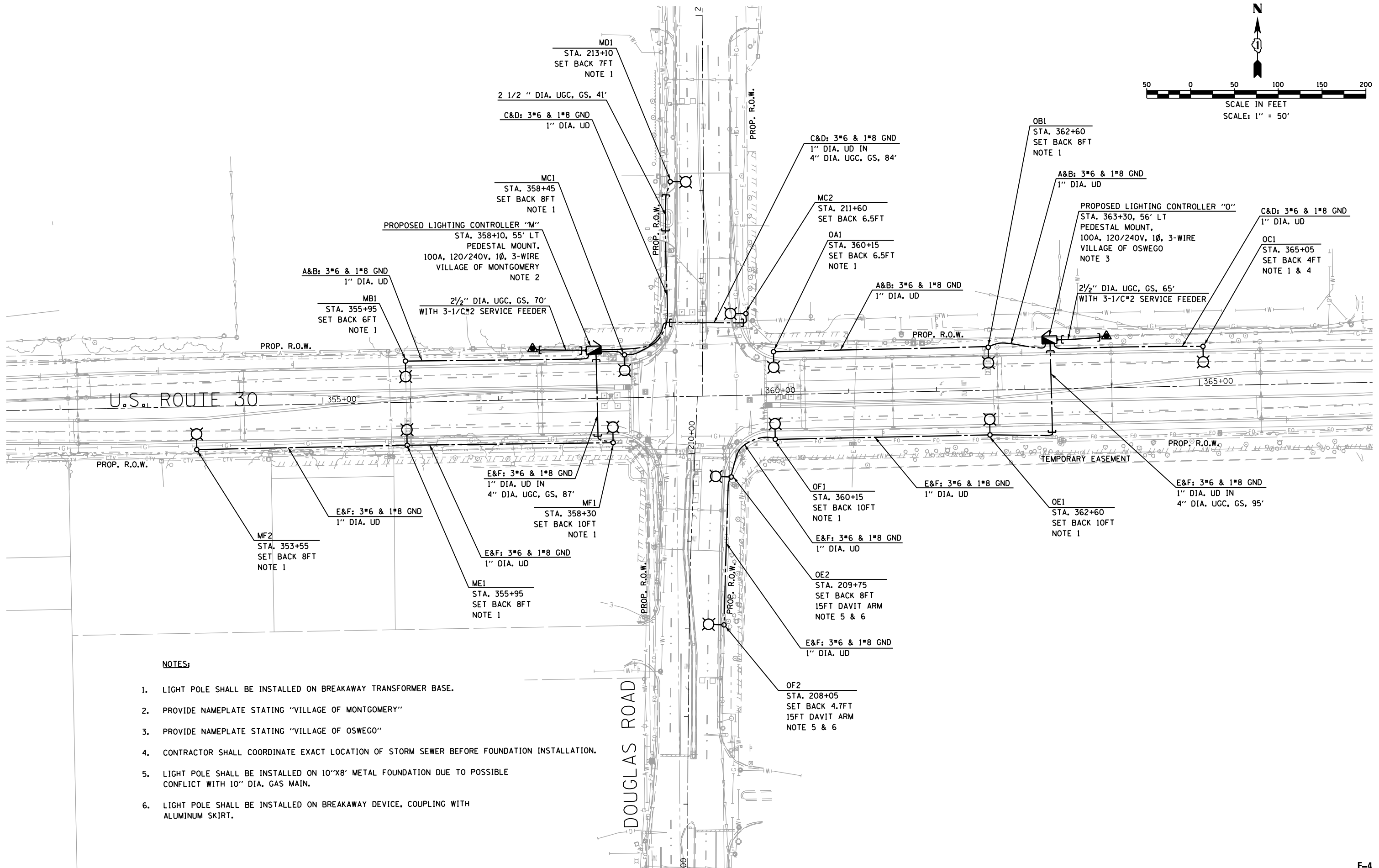
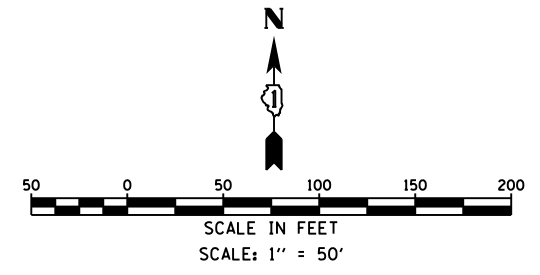
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 30 AT DOUGLAS ROAD  
EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING PLANS**  
SCALE: AS NOTED SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	284
<b>CONTRACT NO. 60132</b>				
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				



**NOTES:**

1. LIGHT POLE SHALL BE INSTALLED ON BREAKAWAY TRANSFORMER BASE.
2. PROVIDE NAMEPLATE STATING "VILLAGE OF MONTGOMERY"
3. PROVIDE NAMEPLATE STATING "VILLAGE OF OSWEGO"
4. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF STORM SEWER BEFORE FOUNDATION INSTALLATION.
5. LIGHT POLE SHALL BE INSTALLED ON 10"x8" METAL FOUNDATION DUE TO POSSIBLE CONFLICT WITH 10" DIA. GAS MAIN.
6. LIGHT POLE SHALL BE INSTALLED ON BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT.

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	DATE - 03/02/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT DOUGLAS ROAD  
PROPOSED LIGHTING PLAN

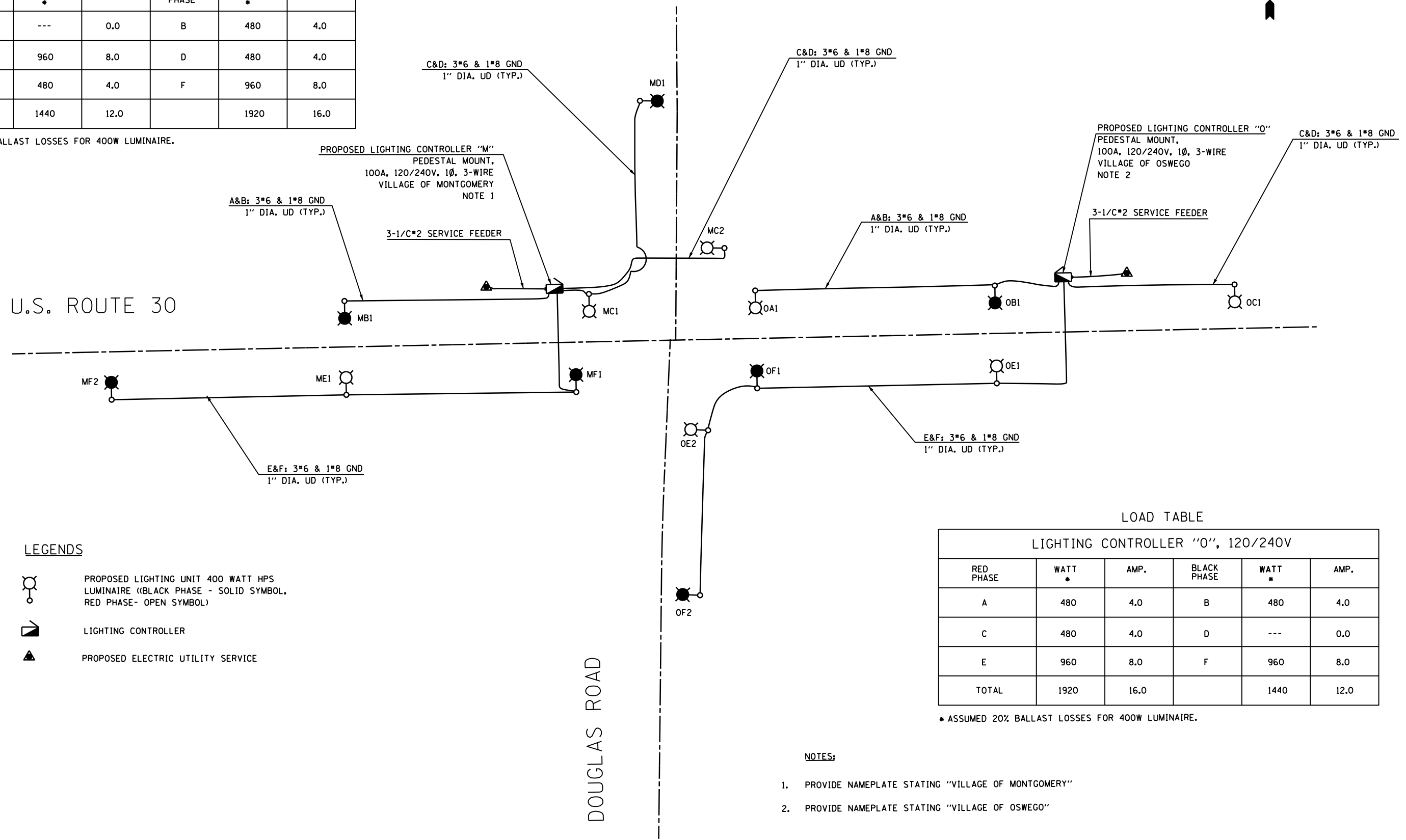
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	285
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LOAD TABLE

LIGHTING CONTROLLER "M", 120/240V					
RED PHASE	WATT *	AMP.	BLACK PHASE	WATT *	AMP.
A	---	0.0	B	480	4.0
C	960	8.0	D	480	4.0
E	480	4.0	F	960	8.0
TOTAL	1440	12.0		1920	16.0

\* ASSUMED 20% BALLAST LOSSES FOR 400W LUMINAIRE.



LOAD TABLE

LIGHTING CONTROLLER "O", 120/240V					
RED PHASE	WATT *	AMP.	BLACK PHASE	WATT *	AMP.
A	480	4.0	B	480	4.0
C	480	4.0	D	---	0.0
E	960	8.0	F	960	8.0
TOTAL	1920	16.0		1440	12.0

\* ASSUMED 20% BALLAST LOSSES FOR 400W LUMINAIRE.

LEGENDS

- PROPOSED LIGHTING UNIT 400 WATT HPS LUMINAIRE (BLACK PHASE - SOLID SYMBOL, RED PHASE- OPEN SYMBOL)
- LIGHTING CONTROLLER
- PROPOSED ELECTRIC UTILITY SERVICE

NOTES:

1. PROVIDE NAMEPLATE STATING "VILLAGE OF MONTGOMERY"
2. PROVIDE NAMEPLATE STATING "VILLAGE OF OSWEGO"

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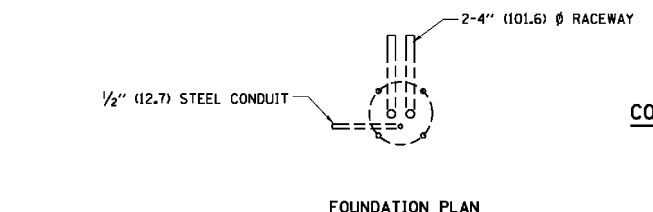
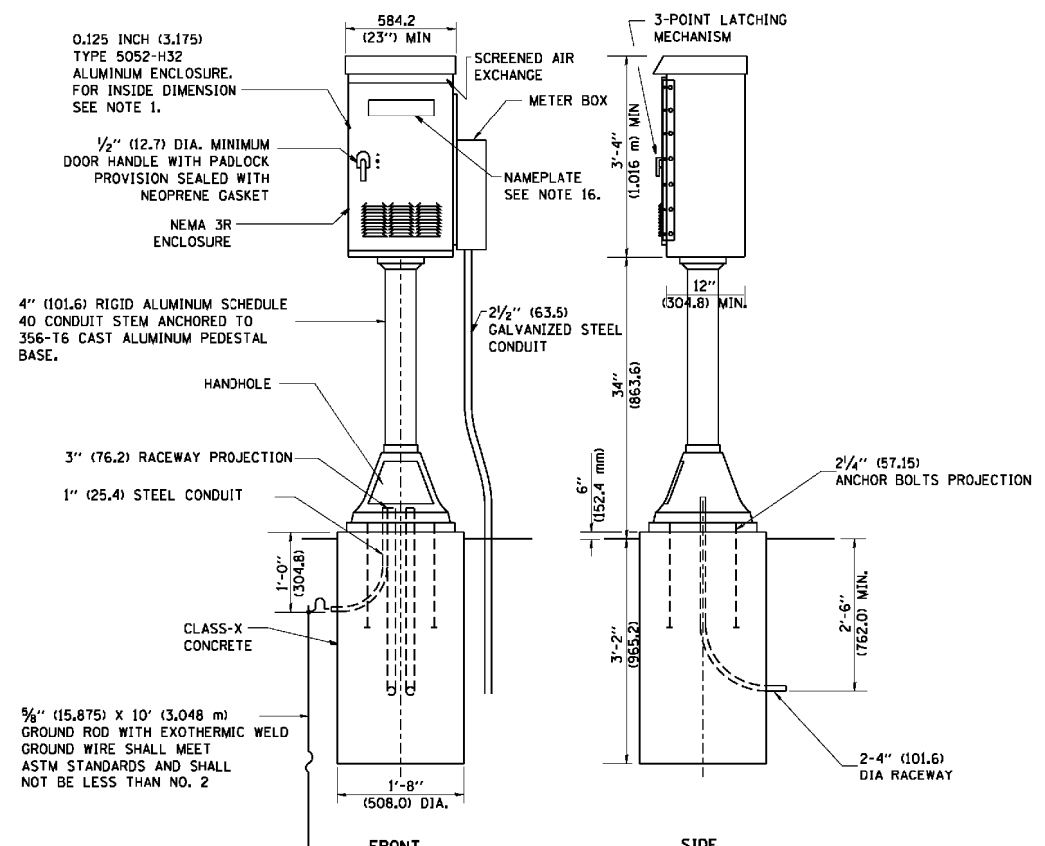
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U.S. ROUTE 30 AT DOUGLAS ROAD  
LIGHTING CONTROLLERS WIRING DIAGRAM

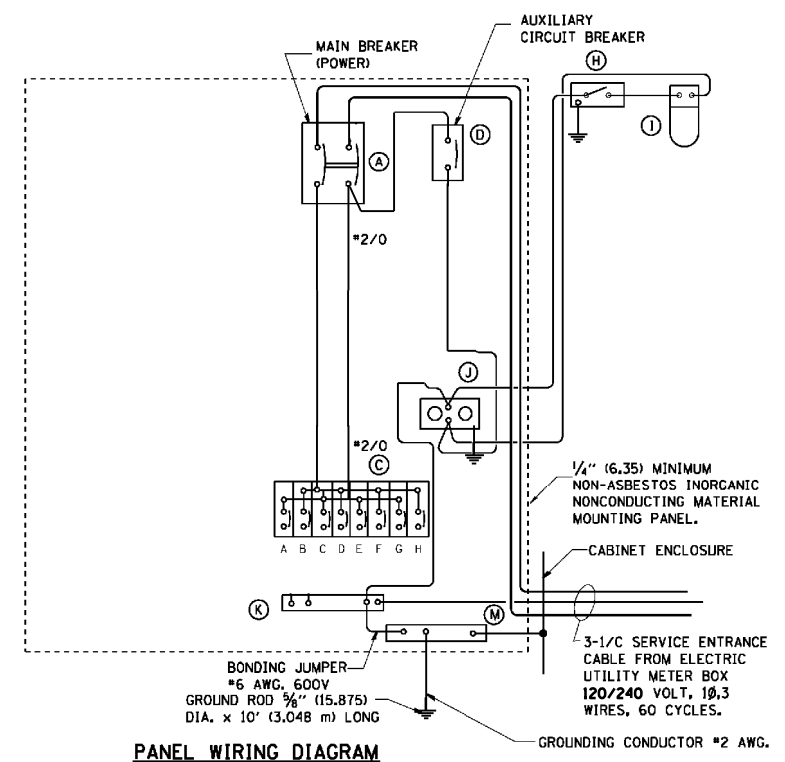
SCALE: N.T.S. SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 286
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





**CONTROL CABINET**



**PANEL WIRING DIAGRAM**

PANEL EQUIPMENT		
ITEM	QUANTITY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100 AMP. FRAME, 100 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 240 VOLT.
C	8	CIRCUIT BREAKERS, 1 POLE, 120V., 100 AMP., FRAME 50 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 120 V.
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 120 V., 100 AMP. FRAME, 15 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-5000 AMP. AT 120 V.
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN.
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 A., 120 V., DUPLEX RECEPTACLE, GFCI.
K	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
M	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS

**NOTES:**

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- UNLESS OTHERWISE INDICATED, THE CABINET SHALL BE MOUNTED ATOP A 4-INCH (101.6 mm) RIGID ALUMINUM SCHEDULE 40 CONDUIT STEM ANCHORED TO A CAST ALUMINUM PEDESTAL BASE.
- IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8 mm) TOP SOIL, LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) X 60" (1524.0 mm) X 4" (101.6 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1/4" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
- CABINET SHALL BE ALUMINUM FINISH PER SPECIFICATION.
- THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.  
R = RED      BL = BLUE      W = WHITE  
B = BLACK    Y = YELLOW      G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
- 12" (304.8) X 16" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED AS NOTED ON LIGHTING PLANS.

J:\264\dgn\CADD\_Sheets\Lighting\16032\_sht-11906.dgn

**SINGH**  
CONSULTING ENGINEERS  
www.singhinc.com

USER NAME = kprejapati	DESIGNED - KGP	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - AM	REVISED -
PLOT DATE = 4/25/2012	CHECKED - AG	REVISED -
	DATE - 03/02/2012	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 30 AT DOUGLAS ROAD**  
**LIGHTING CONTROLLER DETAILS**

SCALE: N.T.S. SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	287
<b>CONTRACT NO. 60132</b>				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

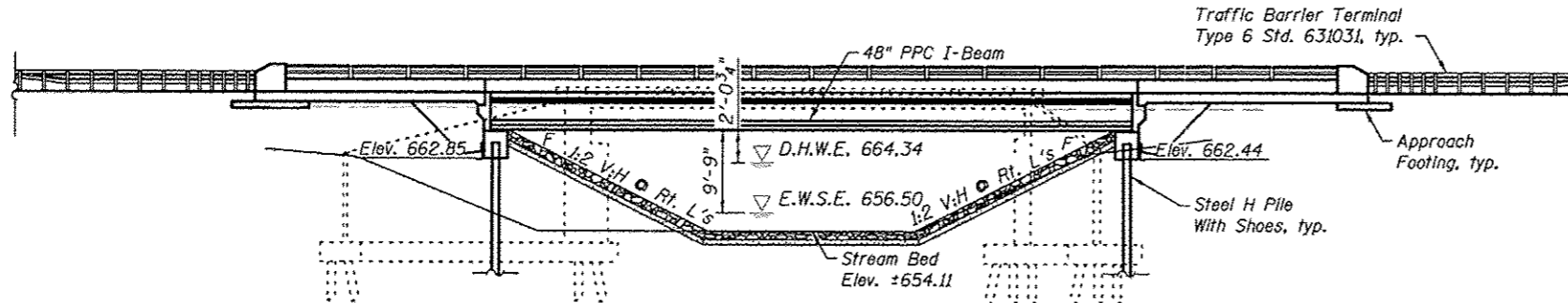
Benchmark: Arrow head bolt on fire hydrant west of driveway to Waterplant on north side of structure. Hydrant is located ±830' west of the  $\phi$  of Structure. Elevation 671.46.

Existing Structure: S.N. 047-0032 built in 1958 as FA Route 192 Section 11-B-1. The structure consists of a single span 36" WF Beams and a 7" Reinforced Concrete deck supported on closed reinforced concrete high wall abutment on steel H Piles. Structure measures 61'-9" bk to bk abutments and 36'-4" out-to-out. Existing Structure is to be removed. Traffic to be maintained using stage construction.

No Salvage.

**GENERAL NOTES**

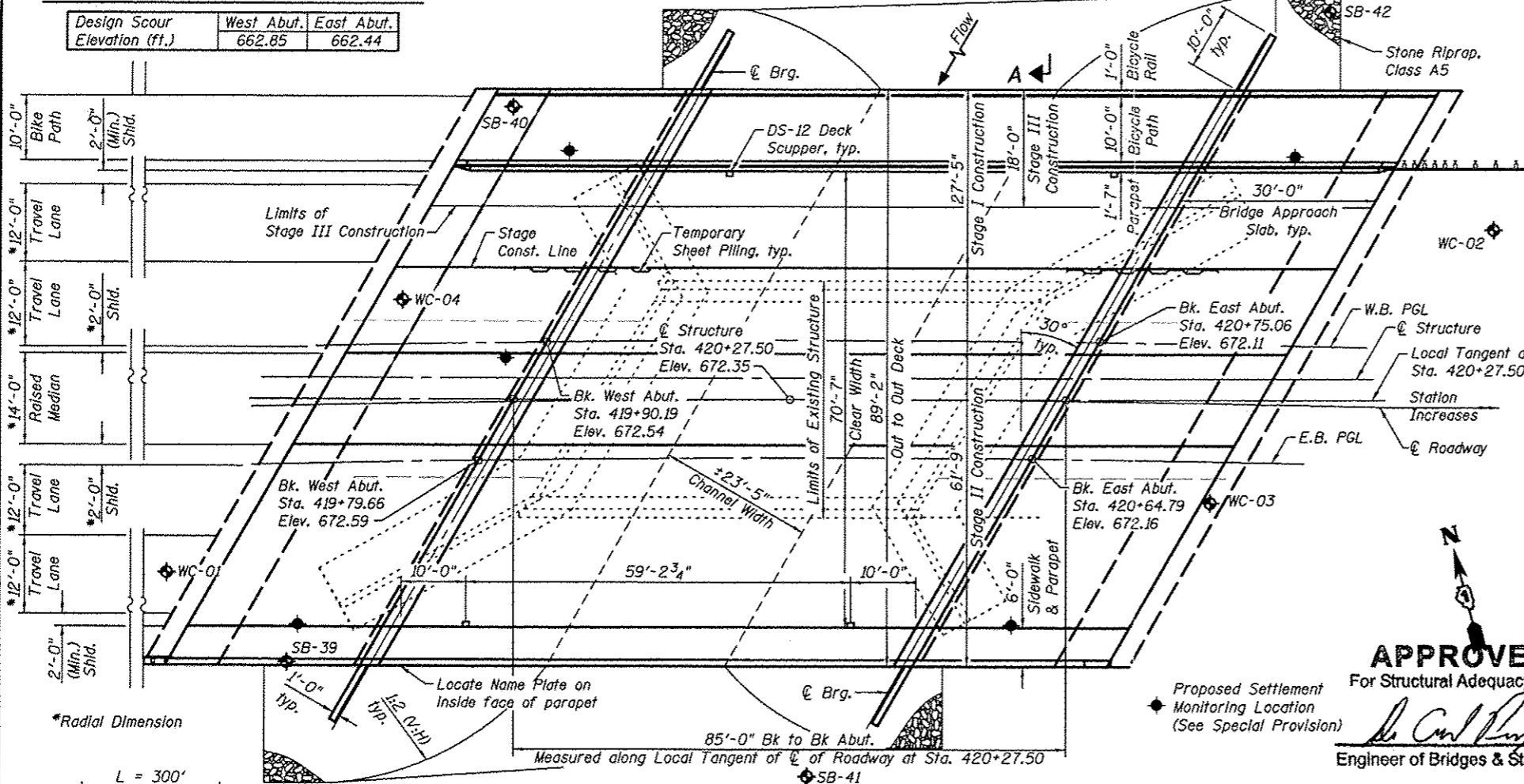
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. Reinforcement bars designated (E) shall be epoxy coated. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project. Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments. Slip forming of the parapets is not allowed.



**ELEVATION**  
(South Parapet and Rolling Shown)

**DESIGN SCOUR ELEVATION TABLE**

Design Scour Elevation (ft.)	West Abut.	East Abut.
	662.85	662.44



**PLAN**

**INDEX OF SHEETS**

- 1 General Plan and Elevation
- 2 Total Bill of Materials and General Details
- 3 Temporary Concrete Barrier For Stage Construction
- 4-6 Top of Slab Elevations
- 7 Top of West Approach Slab Elevation
- 8 Top of East Approach Slab Elevation
- 9 Superstructure
- 10-11 Superstructure Details
- 12 Diaphragm Details
- 13-14 Bridge Approach Slab Details
- 15 Aluminum Railing, Type L
- 16 Bicycle Railing
- 17 Drainage Scupper, DS-12
- 18 Framing Plan
- 19 48" PPC I-Beam
- 20 48" PPC I-Beam Details
- 21 West Abutment Details
- 22 East Abutment Details
- 23 HP Pile Details
- 24 Bar Splicer and Mechanical Assembly Details
- 25-27 Soil Boring Logs

**LOADING HL-93**

Allow 50#/sq. ft. for future wearing surface.

**DESIGN SPECIFICATIONS**

2010 AASHTO LRFD Bridge Design Specifications with 2010 Interims

**DESIGN STRESSES**

**FIELD UNITS**

$f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)

**PRECAST PRESTRESSED UNITS**

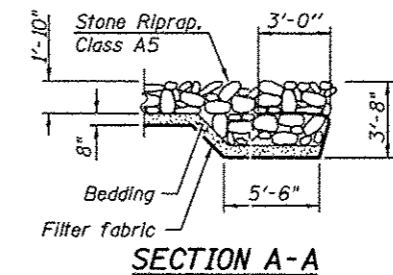
$f'_c = 7,000$  psi  
 $f'_{ci} = 6,000$  psi  
 $f_{pu} = 270,000$  psi (1/2" low lax strands)  
 $f_{pbt} = 201,960$  psi (1/2" low lax. strands)

**SEISMIC DATA**

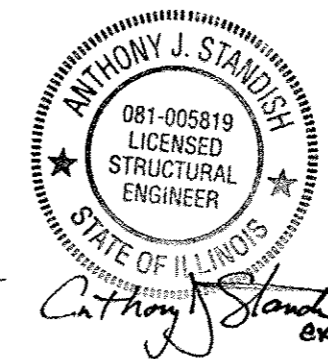
Seismic Performance Zone (SPZ) = 1  
Design Spectral Acceleration at 1.0 sec. ( $S_{D1}$ ) = 0.065  
Design Spectral Acceleration at 0.2 sec. ( $S_{D5}$ ) = 1.24  
Soil Site Class = C

**CURVE DATA**

$\Delta = 25^\circ 52' 43"$   
 $D = 0^\circ 45' 00"$   
 $T = 1,755.28$   
 $L = 3,450.67$   
 $E = 199.05'$   
 $R = 7,639.86$   
 $S.E. = \text{None}$   
 $P.C. = \text{Sta. } 394+99.55$   
 $P.T. = \text{Sta. } 429+50.23$   
 $P.I. = \text{Sta. } 412+54.83$



**SECTION A-A**



**APPROVED**  
For Structural Adequacy Only

Proposed Settlement Monitoring Location (See Special Provision)  
*De Carl R...*  
Engineer of Bridges & Structures

*Anthony J. Standish*  
exp. 11/2012

STATION 420+27.50  
BUILT 2011 BY  
STATE OF ILLINOIS  
F.A.P. Rte 30 Sec 11 WRS-30  
LOADING HL-93  
STRUCTURE NO. 047-0301

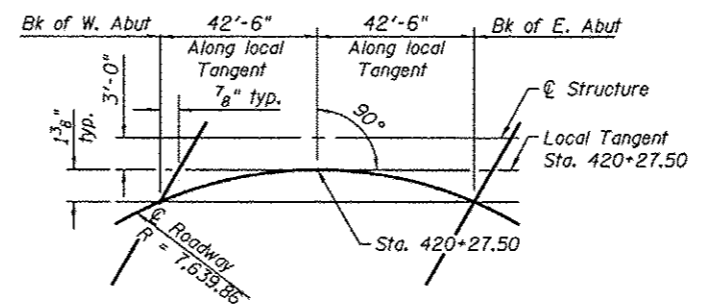
**NAME PLATE**  
See Std. 515001

**WATERWAY INFORMATION**

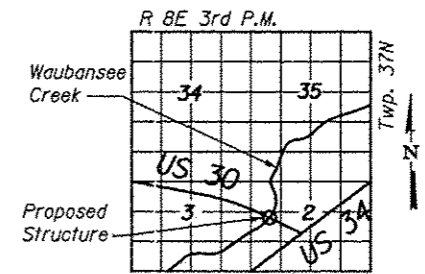
Drainage Area = 18.7 square miles Prop. Overtopping Elev. 668.96 @ Sta. 430+08

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	50	1170	407.46	445.22	664.34	0.02	0.00	664.36	664.34
Base	100	1447	429.28	477.95	664.82	0.06	0.04	664.88	664.86
Max. Calc.	500	2941	467.60	583.33	666.38	0.70	0.45	667.08	666.83

10-year velocity through existing bridge = 2.16 fps  
10 year velocity through proposed bridge = 2.06 fps.



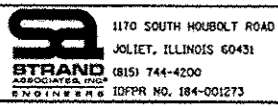
**OFFSET SKETCH**



**LOCATION SKETCH**

**GENERAL PLAN & ELEVATION**  
F.A.P. 349 (US 30) OVER  
WAUBANSEE CREEK  
SECTION 11 WRS-3  
KENDALL COUNTY  
STA. 420+27.50  
S.N. 047-0301

FILE NAME \* S:\JUL\_V3308--6391\6346\W23\Micro\CADD Sheets\Str Plans\6710301-60132-081-GPE.dgn



USER NAME = rjend	DESIGNED KDH	REVISED -
PLOT SCALE =	CHECKED AJS	REVISED -
PLOT DATE = 4/25/2012	DRAWN BJF	REVISED -
	CHECKED KDH	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

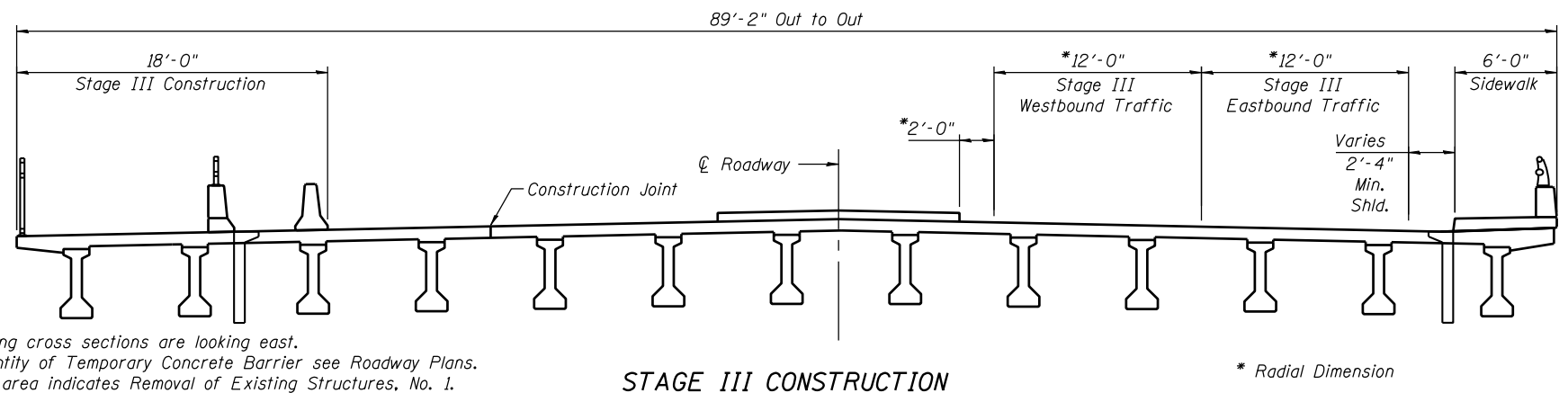
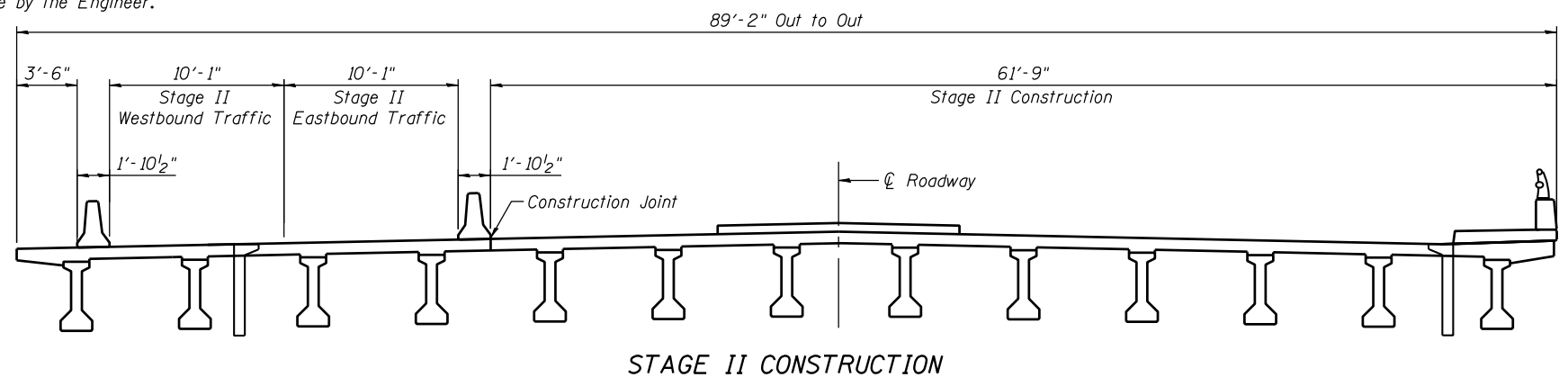
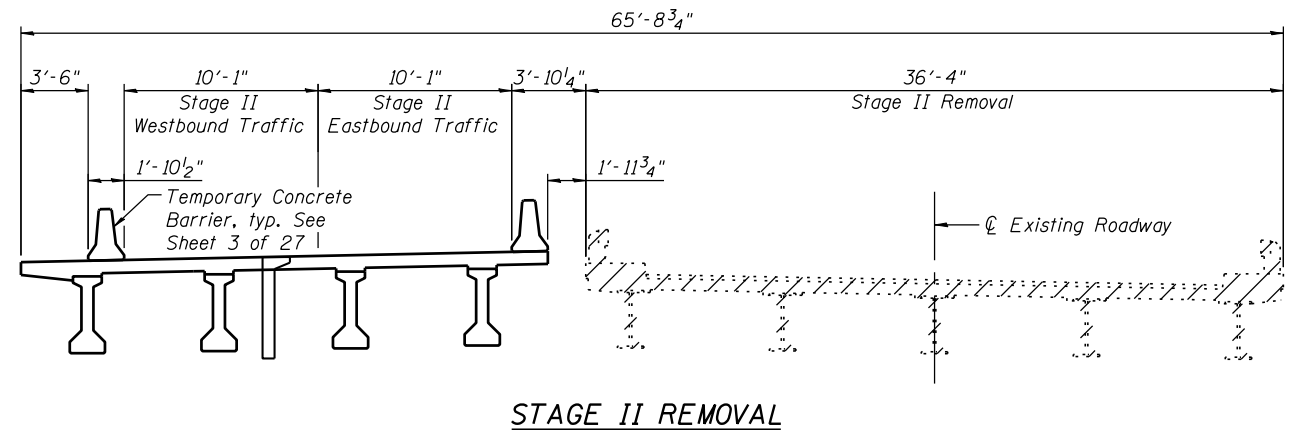
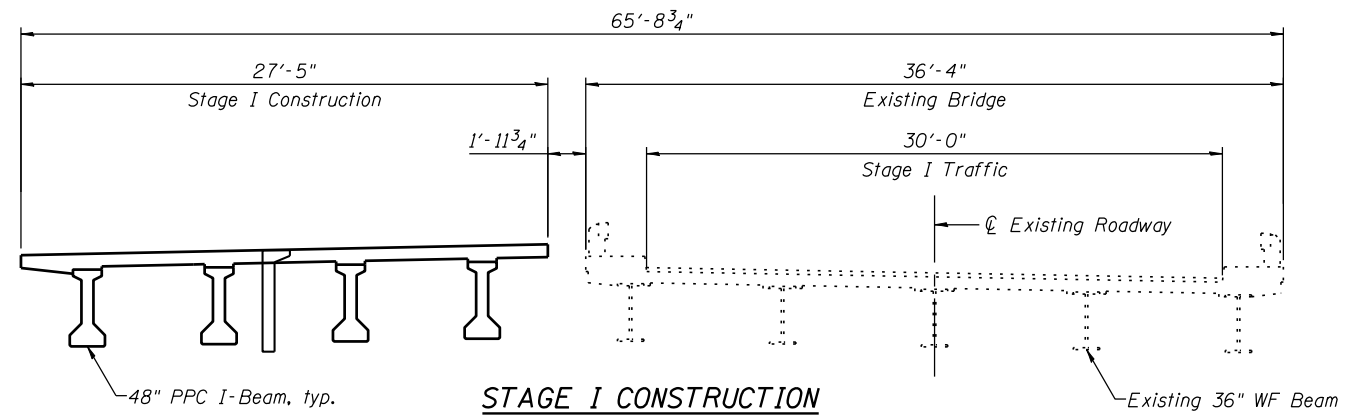
**GENERAL PLAN AND ELEVATION**  
**STRUCTURE NO. 047-0301**  
SHEET NO. 1 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	289
CONTRACT NO. 60132				
ILLINOIS FED. AID PROJECT				

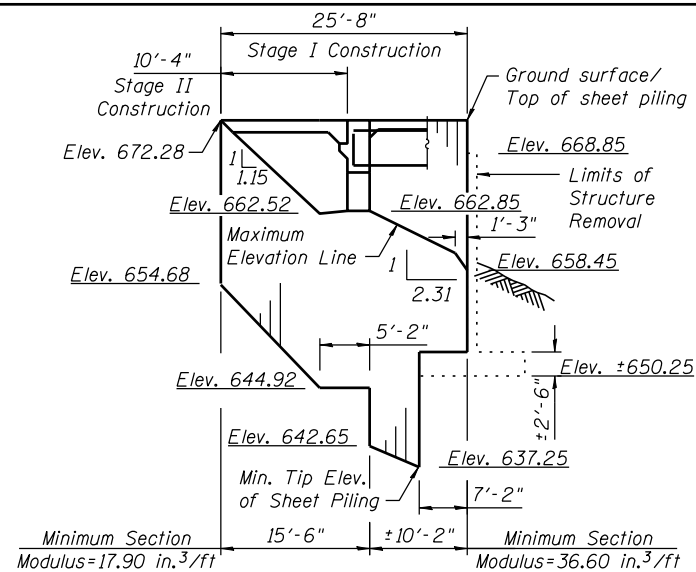
**TOTAL BILL OF MATERIAL**

ITEM	Unit	SUPER	SUB	TOTAL
Stone Riprap, Class A5	Sq Yd	-	1,630	1,630
Filter Fabric	Sq Yd	-	1,630	1,630
Removal Of Existing Structures, No. 1	Each	1	-	1
Structure Excavation	Cu Yd	-	432	432
Concrete Structures	Cu Yd	0	163	163
Concrete Superstructure	Cu Yd	642	-	642
Bridge Deck Grooving	Sq Yd	848	0	848
Concrete Encasement	Cu Yd	0	16	16
Protective Coat	Sq Yd	1,528	22	1,550
Furnishing And Erecting Precast Prestressed Concrete I-Beams, 48 In.	Foot	1,081	-	1,081
Reinforcement Bars, Epoxy Coated	Pound	122,870	28,510	151,380
Bar Splicers	Each	674	28	702
Aluminum Railing, Type L	Foot	137	-	137
Bicycle Railing	Foot	145	-	145
Parapet Railing	Foot	140	-	140
Furnishing Steel Piles HPI4X73	Foot	-	754	754
Driving Piles	Foot	-	754	754
Test Pile Steel HPI4X73	Each	-	2	2
Pile Shoes	Each	-	28	28
Name Plates	Each	1	-	1
Geocomposite Wall Drain	Sq Yd	-	210	210
Porous Granular Embankment, Special	Cu Yd	-	432	432
Drainage Scupper, DS-12	Each	4	-	4
Temporary Sheet Piling	Sq Ft	-	1,034	1,034
Pipe Underdrains For Structures 4"	Foot	-	355	355
Settlement Platforms	Each	-	5	5

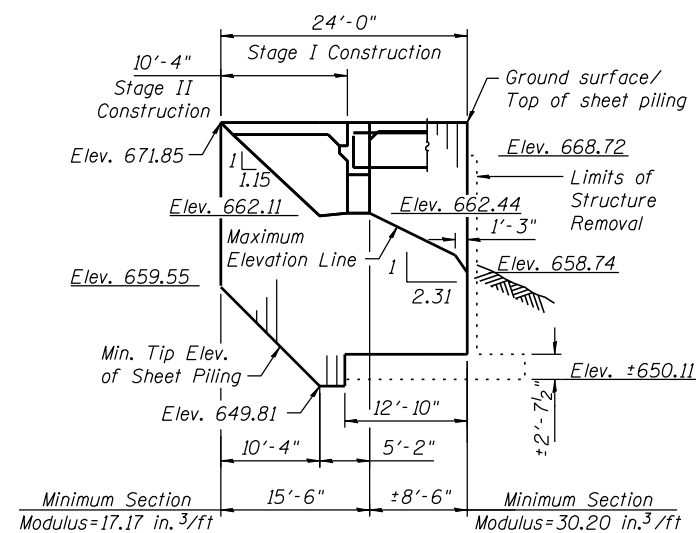
Note:  
The Contractor shall connect the first sheet to the existing abutment wall to ensure stability of sheets driven to the top of the existing footing. This connection shall be reviewed and accepted by the Engineer and included in the cost for Temporary Sheet Piling.  
If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.



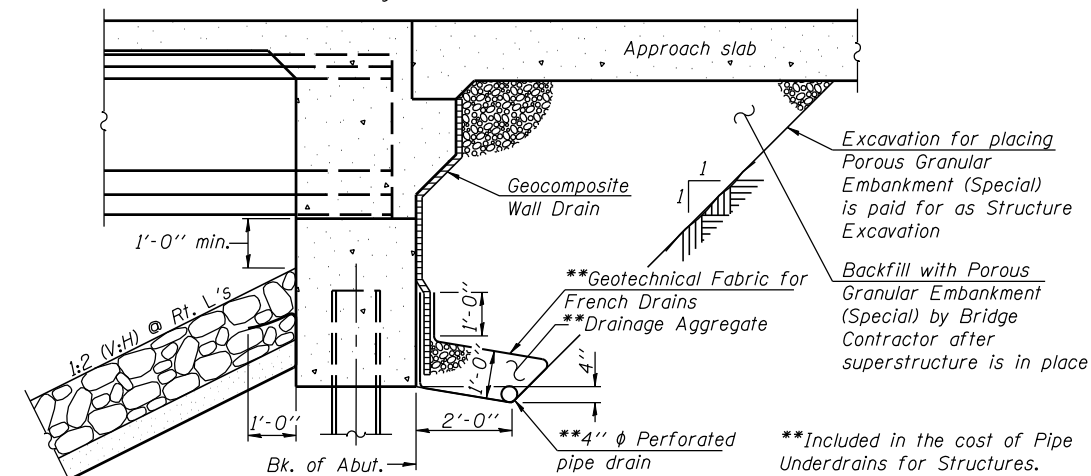
Notes:  
All staging cross sections are looking east.  
For quantity of Temporary Concrete Barrier see Roadway Plans.  
Hatched area indicates Removal of Existing Structures, No. 1.  
Removal of existing wearing surface and existing expansive materials are included in Removal of Existing Structures, No. 1.



**WEST ABUTMENT TEMPORARY SHEET PILING**  
(Looking North)



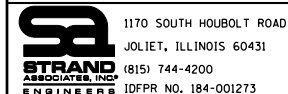
**EAST ABUTMENT TEMPORARY SHEET PILING**  
(Looking South)



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

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

FILE NAME = s:\p1\6380--6399\6346\023\micro\sh\str\_plans\0470301-60132-002-CD.dgn



USER NAME = brianf	DESIGNED KDH	REVISED -
PLOT SCALE =	CHECKED AJS	REVISED -
PLOT DATE = 5/1/2012	DRAWN BJF	REVISED -
	CHECKED KDH	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

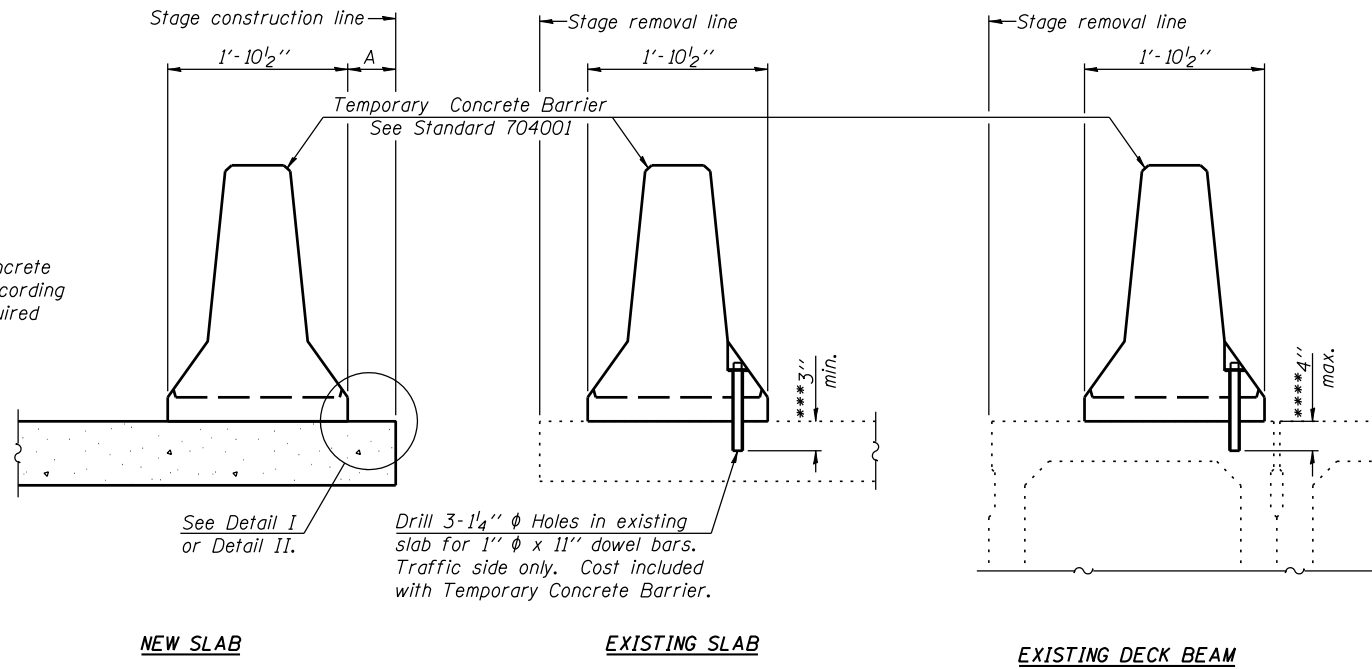
**TOTAL BILL OF MATERIALS AND GENERAL DETAILS  
STRUCTURE NO. 047-0301**

SHEET NO. 2 OF 27 SHEETS

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 290
CONTRACT NO. 60132				

ILLINOIS FED. AID PROJECT

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



**SECTIONS THRU SLAB OR DECK BEAM**

**NOTES**

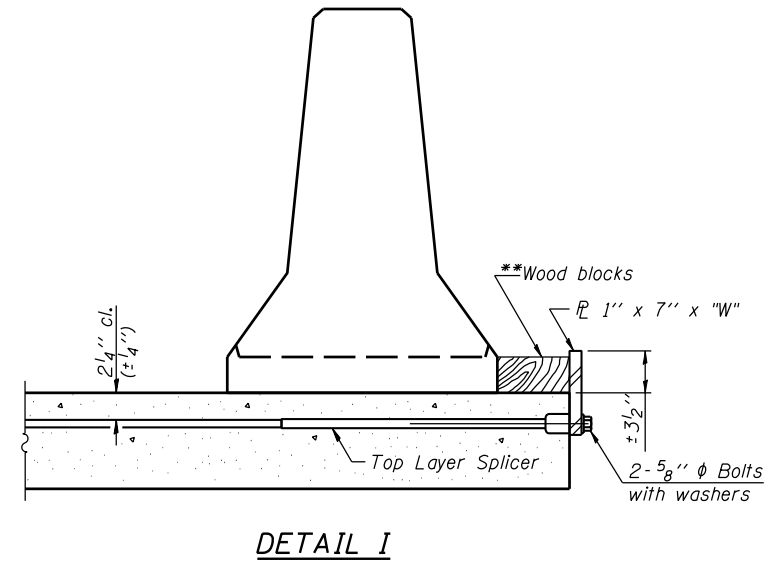
Detail I - With Bar Splicer or Couplers:  
Connect one (1) 1" x 7" x "W" steel PL to the top layer of couplers with 2-5/8" φ bolts screwed to coupler at approximate C of each barrier panel.

Detail II - With Extended Reinforcement Bars:  
Connect one (1) 1" x 7" x "W" steel PL to the concrete slab or concrete wearing surface with 2-5/8" φ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate C of each barrier panel.

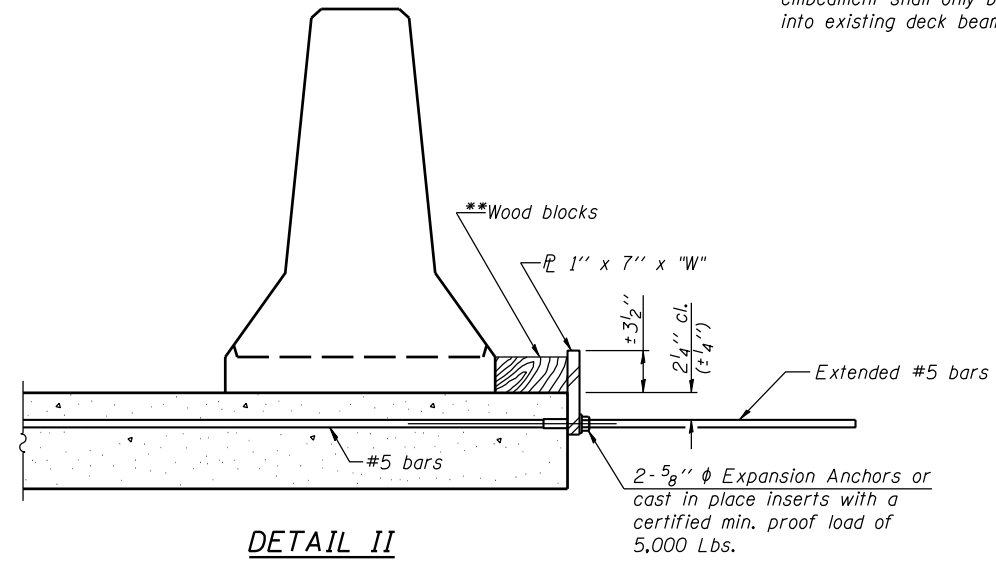
Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

\*\*\* Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

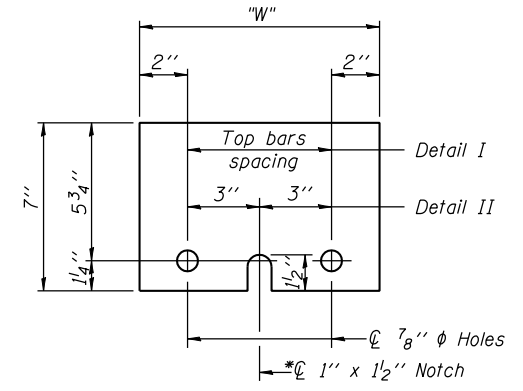
\*\*\*\* If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



**DETAIL I**



**DETAIL II**



**STEEL RETAINER PL 1" x 7" x "W"**  
\* Required only with Detail II

\*\* Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

"W" = Top bars spacing + 4"

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R-27

7-1-10



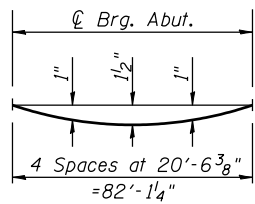
1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200 IDFPR NO. 184-001273	USER NAME = brianf	DESIGNED <i>KDH</i>	REVISED -
	CHECKED <i>AJS</i>	CHECKED <i>AJS</i>	REVISED -
	PLOT SCALE =	DRAWN <i>BJF</i>	REVISED -
	PLOT DATE = 5/1/2012	CHECKED <i>KDH</i>	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION  
STRUCTURE NO. 047-0301**

SHEET NO. 3 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	291
CONTRACT NO. 60132			ILLINOIS FED. AID PROJECT	

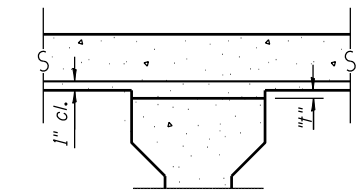


**DEAD LOAD DEFLECTION DIAGRAM**

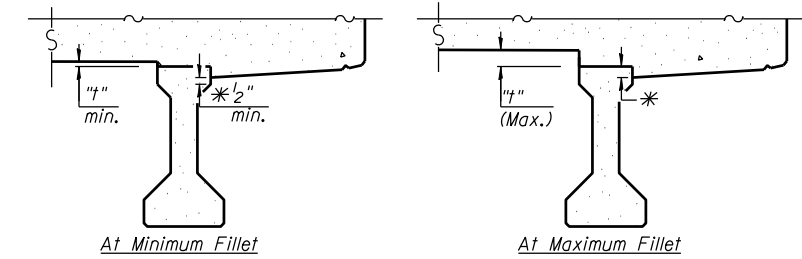
(Includes weight of concrete, excluding beams).

Note:

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheet 5 and 6 of 27.



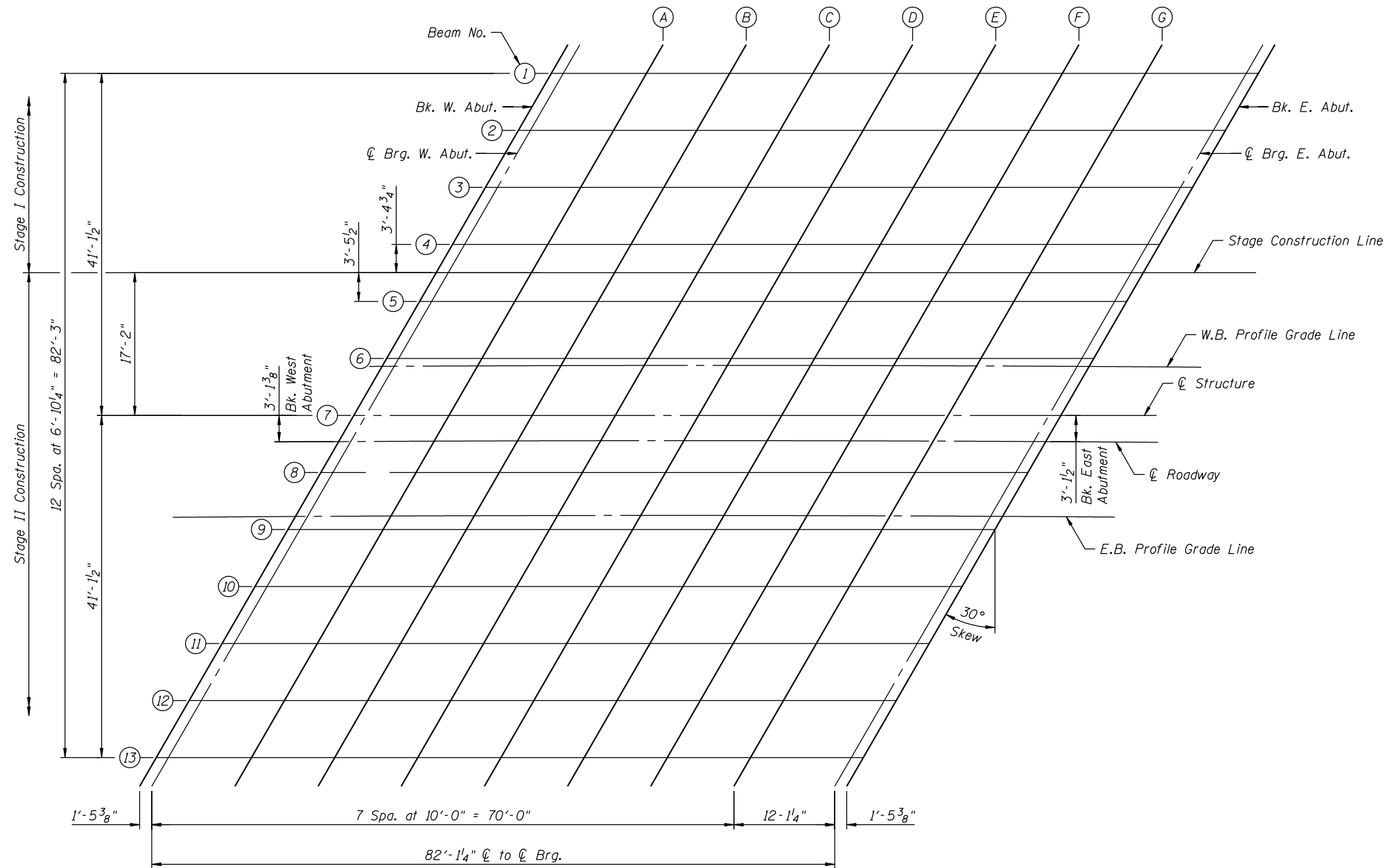
**FILLET HEIGHTS**



\* Variable (not less than 1/2")

**EXTERIOR BEAMS**

To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheet 5 and 6 of 27. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown on sheet 5 and 6 of 27, minus slab thickness, equals the fillet heights "t" above top flanges of beams.



PLAN



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1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
USER NAME = brianf  
PLOT SCALE =  
PLOT DATE = 5/1/2012

DESIGNED *KDH*  
CHECKED *AJS*  
DRAWN *BJF*  
CHECKED *KDH*

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS (1 OF 3)  
STRUCTURE NO. 047-0301

SHEET NO. 4 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	292
CONTRACT NO. 60132				
ILLINOIS FED. AID PROJECT				

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	420+10.57	-44.14	671.73	671.73
CL Brq. W. Abut.	420+12.01	-44.14	671.73	671.73
A	420+21.95	-44.13	671.68	671.72
B	420+31.89	-44.13	671.63	671.72
C	420+41.84	-44.14	671.58	671.69
D	420+51.78	-44.16	671.53	671.66
E	420+61.72	-44.20	671.48	671.60
F	420+71.66	-44.25	671.43	671.52
G	420+81.61	-44.32	671.37	671.43
CL Brq. E. Abut.	420+93.65	-44.41	671.31	671.31
Back of E. Abut.	420+95.08	-44.43	671.31	671.31

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	420+06.62	-37.30	671.89	671.89
CL Brq. W. Abut.	420+08.06	-37.30	671.88	671.88
A	420+18.01	-37.28	671.83	671.88
B	420+27.96	-37.27	671.78	671.87
C	420+37.91	-37.28	671.73	671.85
D	420+47.86	-37.30	671.68	671.81
E	420+57.81	-37.33	671.63	671.75
F	420+67.76	-37.38	671.58	671.68
G	420+77.72	-37.44	671.53	671.59
CL Brq. E. Abut.	420+89.77	-37.53	671.47	671.47
Back of E. Abut.	420+91.21	-37.54	671.46	671.46

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	420+02.66	-30.46	672.05	672.05
CL Brq. W. Abut.	420+04.10	-30.45	672.04	672.04
A	420+14.06	-30.43	671.99	672.04
B	420+24.02	-30.42	671.94	672.03
C	420+33.98	-30.42	671.89	672.01
D	420+43.93	-30.43	671.84	671.97
E	420+53.90	-30.46	671.79	671.91
F	420+63.86	-30.50	671.74	671.84
G	420+73.82	-30.56	671.69	671.75
CL Brq. E. Abut.	420+85.88	-30.64	671.63	671.63
Back of E. Abut.	420+87.32	-30.65	671.62	671.62

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+98.69	-23.62	672.20	672.20
CL Brq. W. Abut.	420+00.13	-23.61	672.20	672.20
A	420+10.10	-23.58	672.15	672.19
B	420+20.07	-23.58	672.10	672.19
C	420+30.04	-23.56	672.05	672.16
D	420+40.01	-23.57	672.00	672.13
E	420+49.98	-23.60	671.95	672.07
F	420+59.95	-23.63	671.90	671.99
G	420+69.92	-23.68	671.85	671.90
CL Brq. E. Abut.	420+81.99	-23.76	671.78	671.78
Back of E. Abut.	420+83.43	-23.77	671.78	671.78

**STAGE CONSTRUCTION LINE**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+96.72	-20.23	672.28	672.28
CL Brq. W. Abut.	419+98.16	-20.22	672.27	672.27
A	420+08.14	-20.19	672.22	672.27
B	420+18.11	-20.17	672.17	672.26
C	420+28.09	-20.17	672.12	672.24
D	420+38.06	-20.17	672.08	672.20
E	420+48.03	-20.19	672.03	672.15
F	420+58.01	-20.23	671.97	672.07
G	420+67.98	-20.27	671.92	671.98
CL Brq. E. Abut.	420+80.06	-20.35	671.86	671.86
Back of E. Abut.	420+81.50	-20.36	671.85	671.85

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+94.72	-16.78	672.36	672.36
CL Brq. W. Abut.	419+96.16	-16.77	672.35	672.35
A	420+06.14	-16.74	672.30	672.35
B	420+16.11	-16.72	672.25	672.34
C	420+26.09	-16.71	672.20	672.32
D	420+36.07	-16.71	672.15	672.28
E	420+46.05	-16.73	672.10	672.23
F	420+56.03	-16.76	672.05	672.15
G	420+66.01	-16.81	672.00	672.06
CL Brq. E. Abut.	420+76.65	-16.88	671.94	671.94
Back of E. Abut.	420+79.53	-16.89	671.93	671.93

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+90.74	-9.94	672.52	672.52
CL Brq. W. Abut.	419+92.18	-9.90	672.51	672.51
A	420+02.17	-9.87	672.46	672.51
B	420+12.15	-9.89	672.41	672.50
C	420+22.14	-9.86	672.36	672.48
D	420+32.13	-9.86	672.31	672.44
E	420+42.11	-9.87	672.26	672.38
F	420+52.10	-9.89	672.21	672.31
G	420+62.09	-9.93	672.16	672.22
CL Brq. E. Abut.	420+74.19	-10.00	672.10	672.10
Back of E. Abut.	420+75.63	-10.01	672.09	672.09

**WESTBOUND PGL**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+90.19	-9.00	672.54	672.54
CL Brq. W. Abut.	419+91.63	-9.00	672.53	672.53
A	420+01.64	-9.00	672.48	672.53
B	420+11.65	-9.00	672.43	672.52
C	420+21.65	-9.00	672.38	672.50
D	420+31.63	-9.00	672.33	672.46
E	420+41.62	-9.00	672.28	672.40
F	420+51.59	-9.00	672.23	672.33
G	420+61.56	-9.00	672.18	672.24
CL Brq. E. Abut.	420+73.62	-9.00	672.12	672.12
Back of E. Abut.	420+75.06	-9.00	672.11	672.11

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1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
IDFPR NO. 184-001273

USER NAME = brianf  
DESIGNED *KDH*  
CHECKED *AJS*  
DRAWN *BJF*  
CHECKED *KDH*  
PLOT SCALE =  
PLOT DATE = 5/1/2012

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS (2 OF 3)  
STRUCTURE NO. 047-0301**

SHEET NO. 5 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	293
CONTRACT NO. 60132				

ILLINOIS FED. AID PROJECT

**BEAM 7**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+86.75	-3.11	672.67	672.67
CL Brg. W. Abut.	419+88.19	-3.10	672.67	672.67
A	419+98.19	-3.06	672.62	672.66
B	420+08.18	-3.02	672.57	672.66
C	420+18.18	-3.01	672.52	672.63
D	420+28.18	-3.00	672.47	672.60
E	420+38.17	-3.01	672.42	672.54
F	420+48.17	-3.03	672.37	672.46
G	420+58.16	-3.06	672.32	672.37
CL Brg. E. Abut.	420+70.27	-3.12	672.26	672.26
Back of E. Abut.	420+71.71	-3.13	672.25	672.25

**ROADWAY**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+84.93	0.00	672.74	672.74
CL Brg. W. Abut.	419+86.38	0.00	672.74	672.74
A	419+96.41	0.00	672.69	672.73
B	420+06.43	0.00	672.64	672.73
C	420+16.44	0.00	672.59	672.70
D	420+26.44	0.00	672.54	672.66
E	420+36.44	0.00	672.49	672.61
F	420+46.43	0.00	672.44	672.53
G	420+56.41	0.00	672.39	672.44
CL Brg. E. Abut.	420+68.49	0.00	672.33	672.33
Back of E. Abut.	420+69.93	0.00	672.32	672.32

**BEAM 8**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+82.75	3.72	672.68	672.68
CL Brg. W. Abut.	419+84.20	3.73	672.67	672.67
A	419+94.20	3.78	672.62	672.67
B	420+04.21	3.82	672.57	672.66
C	420+14.21	3.84	672.52	672.64
D	420+24.22	3.85	672.47	672.60
E	420+34.22	3.85	672.42	672.54
F	420+44.23	3.84	672.37	672.47
G	420+54.23	3.81	672.32	672.38
CL Brg. E. Abut.	420+66.35	3.76	672.26	672.26
Back of E. Abut.	420+67.79	3.75	672.26	672.26

**EASTBOUND PGL**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+79.66	9.00	672.59	672.59
CL Brg. W. Abut.	419+81.11	9.00	672.58	672.58
A	419+91.15	9.00	672.53	672.58
B	420+01.19	9.00	672.48	672.57
C	420+11.23	9.00	672.38	672.50
D	420+31.25	9.00	672.33	672.46
E	420+41.25	9.00	672.28	672.40
F	420+51.25	9.00	672.23	672.33
G	420+63.35	9.00	672.17	672.17
CL Brg. E. Abut.	420+63.35	9.00	672.17	672.17
Back of E. Abut.	420+64.79	9.00	672.16	672.16

**BEAM 9**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+78.75	10.55	672.56	672.56
CL Brg. W. Abut.	419+80.20	10.56	672.56	672.56
A	419+90.21	10.62	672.51	672.55
B	420+00.22	10.69	672.45	672.54
C	420+10.23	10.69	672.40	672.52
D	420+20.25	10.70	672.35	672.48
E	420+30.26	10.71	672.30	672.42
F	420+40.28	10.70	672.25	672.35
G	420+50.29	10.67	672.20	672.26
CL Brg. E. Abut.	420+62.42	10.63	672.14	672.14
Back of E. Abut.	420+63.87	10.62	672.14	672.14

**BEAM 10**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+74.74	17.38	672.45	672.45
CL Brg. W. Abut.	419+76.19	17.39	672.44	672.44
A	419+86.21	17.45	672.39	672.44
B	419+96.23	17.50	672.34	672.43
C	420+06.25	17.53	672.29	672.40
D	420+16.28	17.55	672.24	672.36
E	420+26.30	17.56	672.19	672.31
F	420+36.32	17.56	672.14	672.23
G	420+46.35	17.54	672.09	672.14
CL Brg. E. Abut.	420+58.49	17.50	672.03	672.03
Back of E. Abut.	420+59.93	17.49	672.02	672.02

**BEAM 11**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+70.72	24.21	672.33	672.33
CL Brg. W. Abut.	419+72.17	24.22	672.32	672.32
A	419+82.20	24.28	672.27	672.32
B	419+92.23	24.34	672.22	672.31
C	420+02.27	24.38	672.17	672.29
D	420+12.23	24.40	672.12	672.25
E	420+22.33	24.41	672.07	672.19
F	420+32.36	24.42	672.02	672.12
G	420+42.39	24.40	671.97	672.03
CL Brg. E. Abut.	420+54.55	24.37	671.91	671.91
Back of E. Abut.	420+55.99	24.36	671.90	671.90

**BEAM 12**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+66.70	31.03	672.21	672.21
CL Brg. W. Abut.	419+68.15	31.04	672.21	672.21
A	419+78.19	31.11	672.16	672.20
B	419+88.23	31.17	672.10	672.19
C	419+98.27	31.22	672.05	672.17
D	420+08.31	31.25	672.00	672.13
E	420+18.35	31.27	671.95	672.07
F	420+28.39	31.27	671.90	672.00
G	420+38.43	31.26	671.85	671.91
CL Brg. E. Abut.	420+50.60	31.24	671.79	671.79
Back of E. Abut.	420+52.05	31.23	671.78	671.78

**BEAM 13**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	419+62.67	37.85	672.20	672.20
CL Brg. W. Abut.	419+64.12	37.86	672.19	672.19
A	419+74.17	37.94	672.14	672.19
B	419+84.22	38.00	672.09	672.18
C	419+94.27	38.05	672.04	672.15
D	420+04.32	38.09	671.98	672.11
E	420+14.37	38.11	671.93	672.05
F	420+24.42	38.12	671.88	671.98
G	420+34.47	38.12	671.83	671.89
CL Brg. E. Abut.	420+46.64	38.10	671.77	671.77
Back of E. Abut.	420+48.09	38.10	671.76	671.76

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1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200 IDFPR NO. 184-001273	USER NAME = brianf	DESIGNED <i>KDH</i>	REVISED -
		CHECKED <i>AJS</i>	REVISED -
	PLOT SCALE =	DRAWN <i>BJF</i>	REVISED -
	PLOT DATE = 5/1/2012	CHECKED <i>KDH</i>	REVISED -

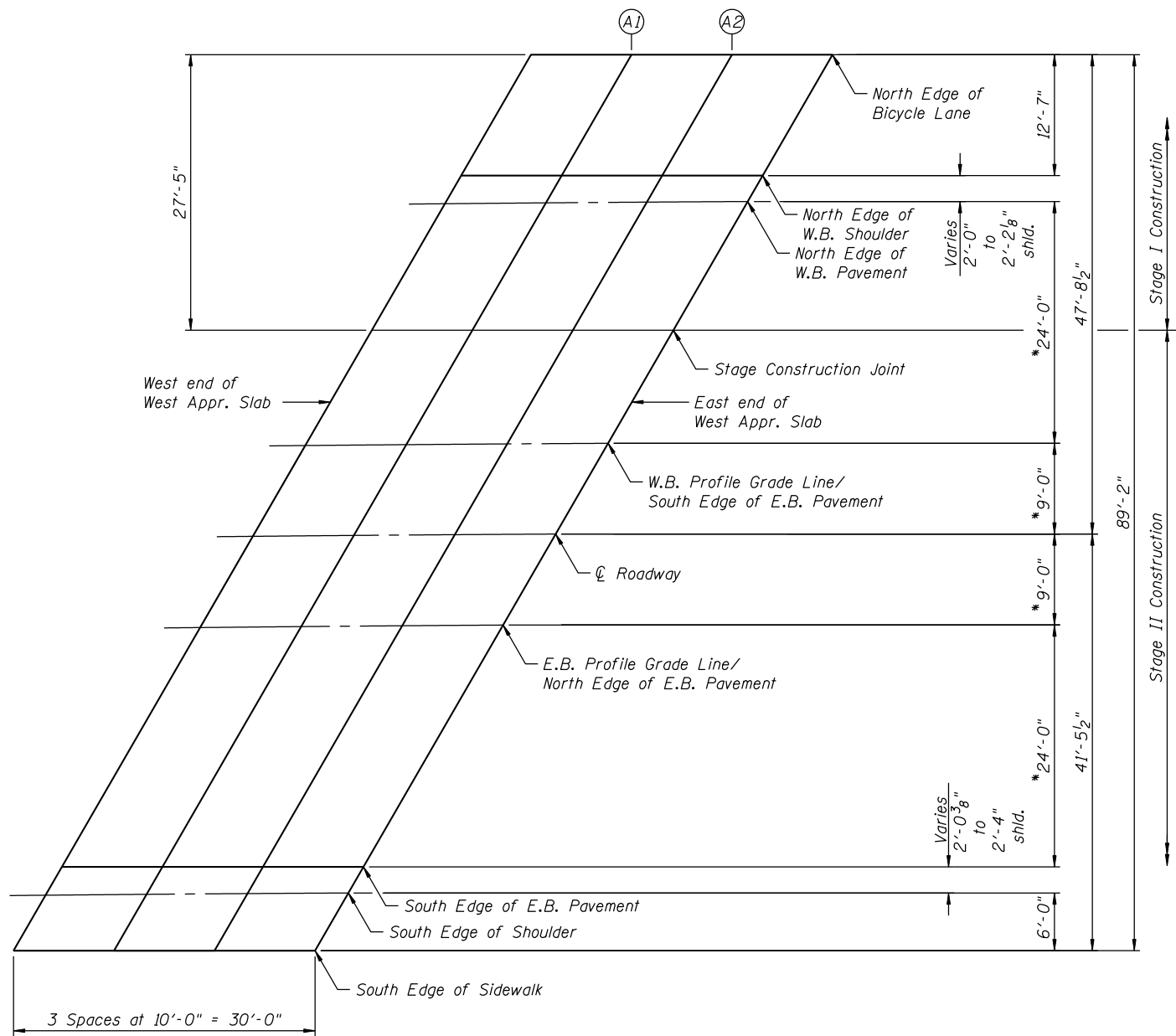
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS (3 OF 3)  
STRUCTURE NO. 047-0301**

SHEET NO. 6 OF 27 SHEETS

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 294
CONTRACT NO. 60132				
ILLINOIS FED. AID PROJECT				

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**WEST APPROACH PLAN**

\* Radial Dimension



**NORTH EDGE OF BICYCLE LANE**

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	419+82.75	-47.72	671.80
A1	419+92.69	-47.66	671.75
A2	420+02.63	-47.62	671.70
E. End West Appr. Slab	420+12.57	-47.60	671.65

**NORTH EDGE OF WESTBOUND SHOULDER**

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	419+75.45	-35.18	672.09
A1	419+85.40	-35.12	672.04
A2	419+95.35	-35.07	671.99
E. End West Appr. Slab	420+05.31	-35.03	671.93

**NORTH EDGE OF WESTBOUND PAVEMENT**

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	419+74.17	-33.00	672.14
A1	419+84.17	-33.00	672.09
A2	419+94.15	-33.00	672.04
E. End West Appr. Slab	420+04.13	-33.00	671.99

**STAGE CONSTRUCTION JOINT**

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	419+66.80	-20.41	672.43
A1	419+76.78	-20.34	672.38
A2	419+86.75	-20.28	672.33
E. End West Appr. Slab	419+96.72	-20.23	672.28

**WESTBOUND PGL/SOUTH EDGE OF WESTBOUND PAVEMENT**

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	419+60.10	-9.00	672.69
A1	419+70.14	-9.00	672.64
A2	419+80.17	-9.00	672.59
E. End West Appr. Slab	419+90.19	-9.00	672.54

**CENTERLINE ROADWAY**

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	419+54.80	0.00	672.90
A1	419+64.85	0.00	672.85
A2	419+74.90	0.00	672.79
E. End West Appr. Slab	419+84.93	0.00	672.75

**EASTBOUND PGL/NORTH EDGE OF EASTBOUND PAVEMENT**

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	419+49.48	9.00	672.74
A1	419+59.55	9.00	672.69
A2	419+69.61	9.00	672.64
E. End West Appr. Slab	419+79.66	9.00	672.59

**SOUTH EDGE OF EASTBOUND PAVEMENT**

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	419+35.23	33.00	672.33
A1	419+45.34	33.00	672.28
A2	419+55.44	33.00	672.23
E. End West Appr. Slab	419+65.53	33.00	672.18

**SOUTH EDGE OF SHOULDER**

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	419+34.03	35.01	672.30
A1	419+43.80	35.13	672.25
A2	419+54.12	35.23	672.19
E. End West Appr. Slab	419+64.16	35.32	672.14

**SOUTH EDGE OF SIDEWALK**

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	419+30.47	40.97	672.44
A1	419+40.52	41.09	672.39
A2	419+50.58	41.20	672.34
E. End West Appr. Slab	419+60.63	41.29	672.29

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TOP OF WEST APPROACH SLAB ELEVATIONS  
STRUCTURE NO. 047-0301**

SHEET NO. 7 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	295
CONTRACT NO. 60132				

DESIGNED	REVISIONS
KDH	-
CHECKED	REVISIONS
AJS	-
DRAWN	REVISIONS
BJF	-
CHECKED	REVISIONS
KDH	-

1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
IDFPR NO. 184-001273

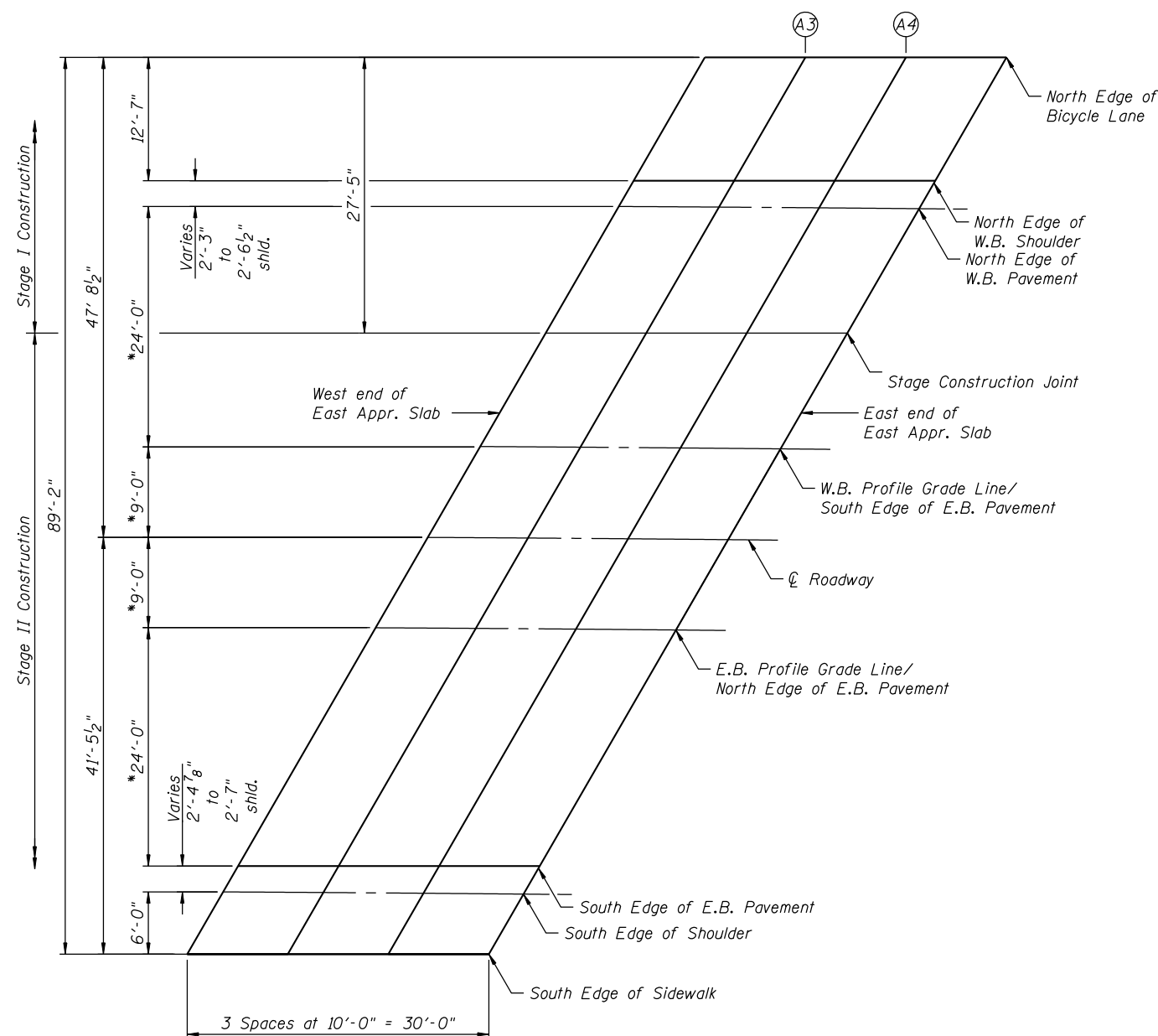
USER NAME = briantf  
PLOT SCALE =  
PLOT DATE = 5/1/2012



ILLINOIS FED. AID PROJECT



FILE NAME = s:\p1\6380--6395\6346\023\micro\sh\str\_plans\0470301-60132-004-TSE.dgn



**EAST APPROACH PLAN**  
\* Radial Dimension



**NORTH EDGE OF BICYCLE LANE**

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	420+97.04	-47.90	671.23
A3	421+06.97	-48.00	671.17
A4	421+16.91	-48.11	671.12
E. End East Appr. Slab	421+26.85	-48.23	671.07

**NORTH EDGE OF WESTBOUND SHOULDER**

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	420+89.92	-35.26	671.506
A3	420+99.87	-35.34	671.457
A4	421+09.83	-35.45	671.407
E. End East Appr. Slab	421+19.78	-35.56	671.358

**NORTH EDGE OF WESTBOUND PAVEMENT**

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	420+88.65	-33.00	671.57
A3	420+98.56	-33.00	671.52
A4	421+08.46	-33.00	671.47
E. End East Appr. Slab	421+18.35	-33.00	671.42

**STAGE CONSTRUCTION JOINT**

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	420+81.50	-20.36	671.85
A3	420+91.47	-20.44	671.80
A4	421+01.45	-20.53	671.75
E. End East Appr. Slab	421+11.42	-20.63	671.70

**WESTBOUND PGL/SOUTH EDGE OF WESTBOUND PAVEMENT**

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	420+75.06	-9.00	672.11
A3	420+85.00	-9.00	672.06
A4	420+94.95	-9.00	672.01
E. End East Appr. Slab	421+04.88	-9.00	671.96

**CENTERLINE ROADWAY**

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	420+69.93	0.00	672.32
A3	420+49.90	0.00	672.27
A4	420+89.85	0.00	672.22
E. End East Appr. Slab	420+99.80	0.00	672.17

**EASTBOUND PGL/NORTH EDGE OF EASTBOUND PAVEMENT**

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	420+64.79	9.00	672.17
A3	420+74.78	9.00	672.12
A4	420+84.75	9.00	672.07
E. End East Appr. Slab	420+94.71	9.00	672.02

**SOUTH EDGE OF EASTBOUND PAVEMENT**

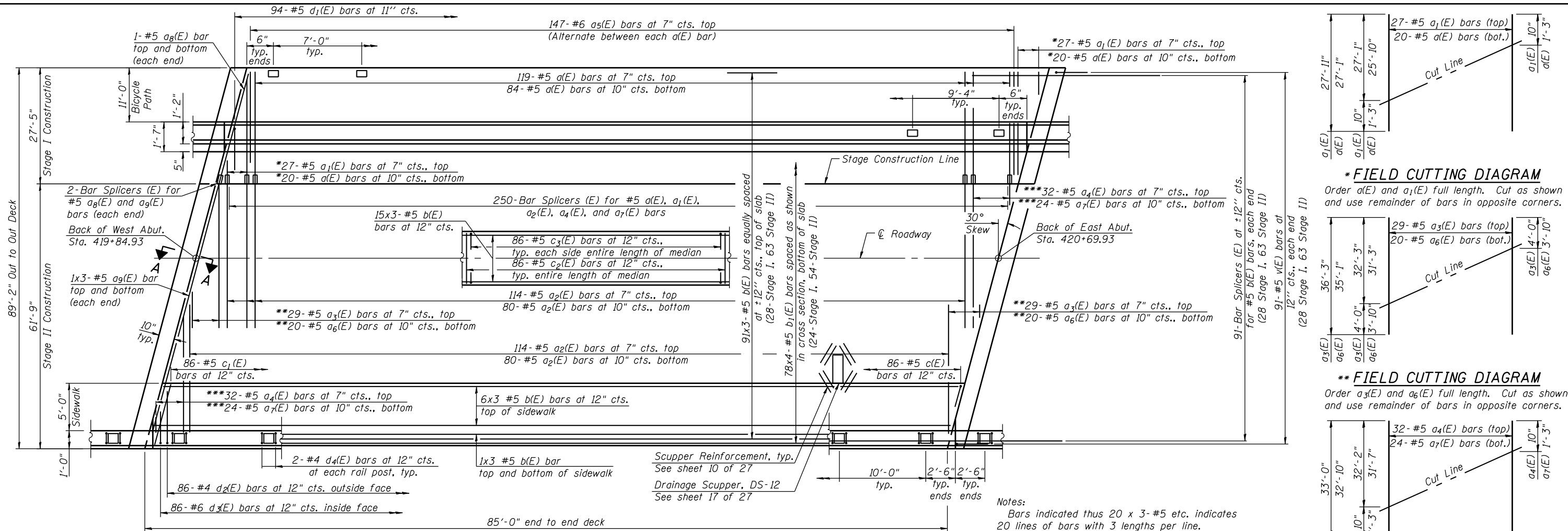
Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	420+51.03	33.00	671.75
A3	420+61.05	33.00	671.70
A4	420+71.06	33.00	671.65
E. End East Appr. Slab	420+81.07	33.00	671.60

**SOUTH EDGE OF SHOULDER**

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	420+49.56	35.55	671.71
A3	420+59.61	35.52	671.66
A4	420+69.65	35.47	671.614
E. End East Appr. Slab	420+79.70	35.41	671.564

**SOUTH EDGE OF SIDEWALK**

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	420+46.09	41.56	671.86
A3	420+56.15	41.53	671.81
A4	420+66.50	41.49	671.76
E. End East Appr. Slab	420+76.26	41.43	671.71



**MINIMUM BAR LAP**  
#5 Bar = 3'-3"

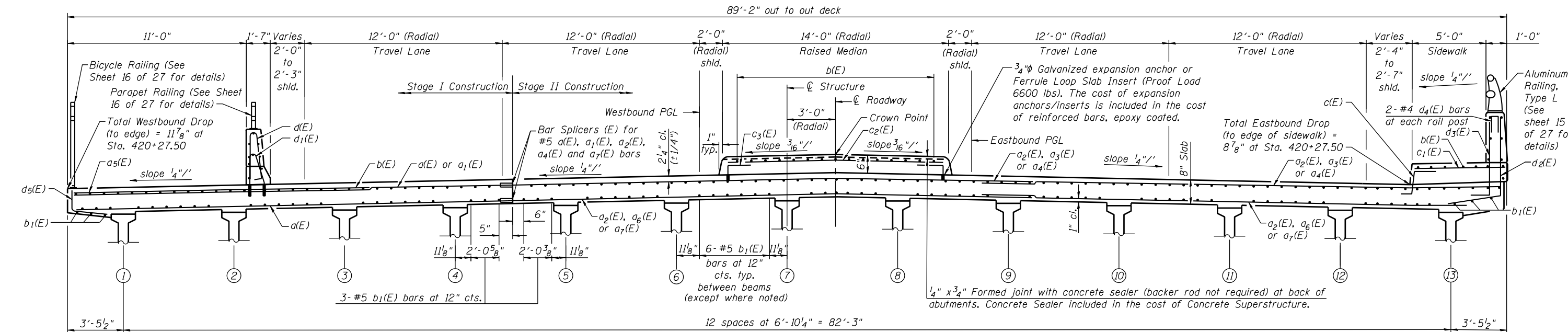
**PLAN**

**\* FIELD CUTTING DIAGRAM**  
Order a(E) and a1(E) full length. Cut as shown and use remainder of bars in opposite corners.

**\*\* FIELD CUTTING DIAGRAM**  
Order a3(E) and a6(E) full length. Cut as shown and use remainder of bars in opposite corners.

**\*\*\* FIELD CUTTING DIAGRAM**  
Order a4(E) and a7(E) full length. Cut as shown and use remainder of bars in opposite corners.

**Notes:**  
Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.  
Not all rail posts shown for clarity.  
See Sheet 10 of 27 for Superstructure Bill of Material.  
See sheet 12 of 27 for Section A-A.  
See Sheet 10 of 27 for interior parapet reinforcement.  
See Sheet 11 of 27 for sidewalk parapet reinforcement.  
See Cross Section for Median reinforcement.



**CROSS SECTION**  
(Looking East)

PII-1-L

7-1-10

1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
IDFPR NO. 184-001273

USER NAME = brianf  
PLOT SCALE =  
PLOT DATE = 5/1/2012

DESIGNED	KDH	REVISED	-
CHECKED	AJS	REVISED	-
DRAWN	BJF	REVISED	-
CHECKED	KDH	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

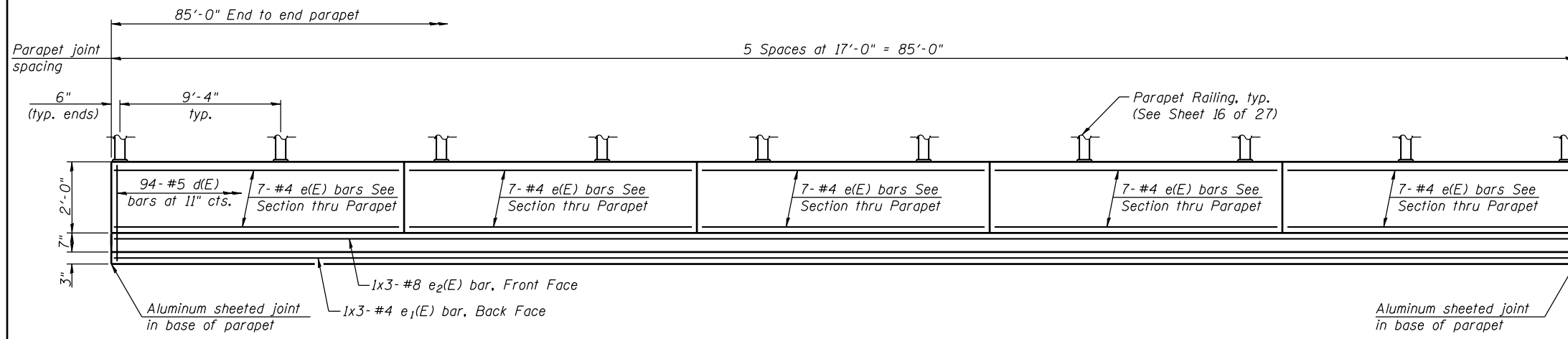
**SUPERSTRUCTURE**  
**STRUCTURE NO. 047-0301**

SHEET NO. 9 OF 27 SHEETS

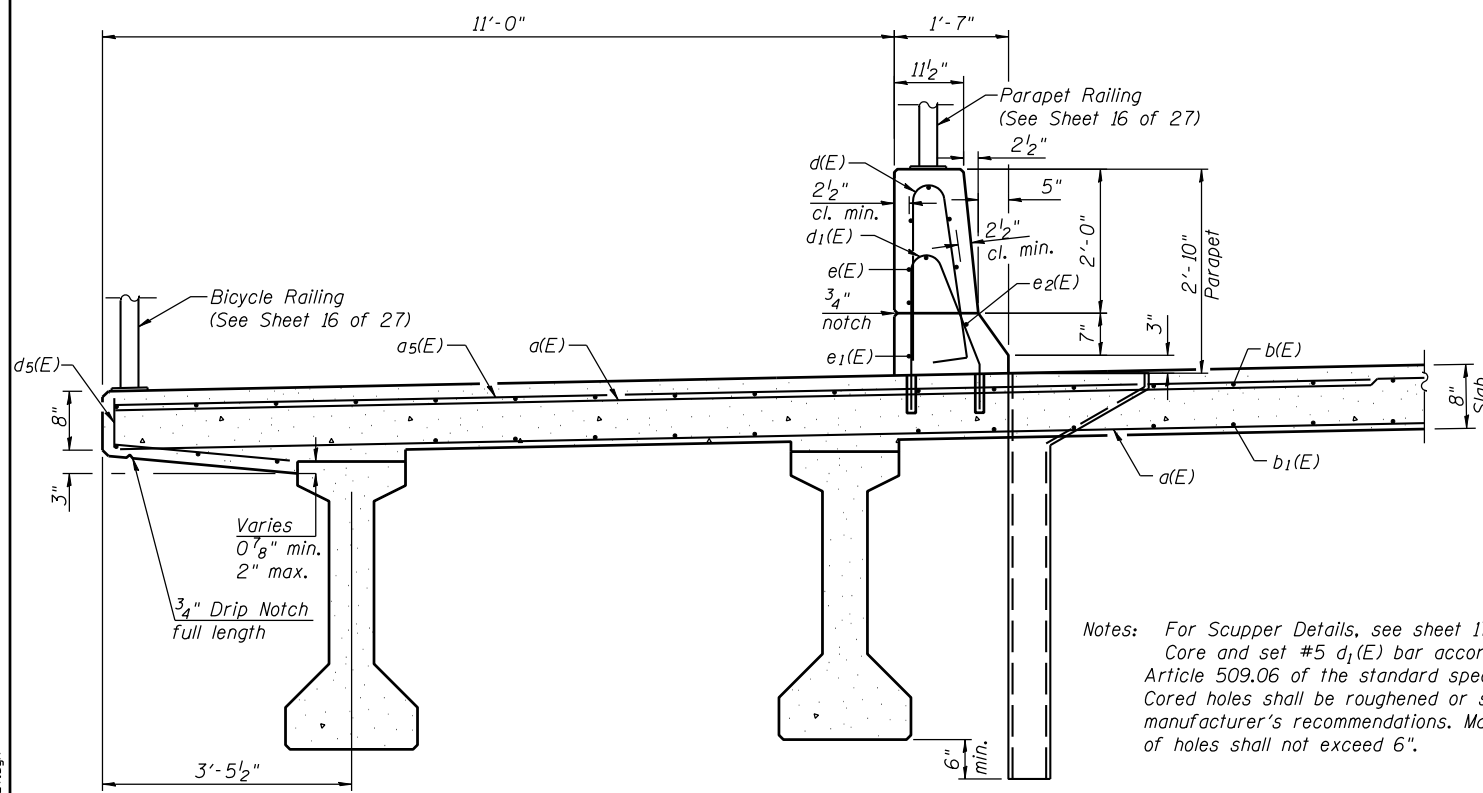
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	297
CONTRACT NO. 60132				

ILLINOIS FED. AID PROJECT

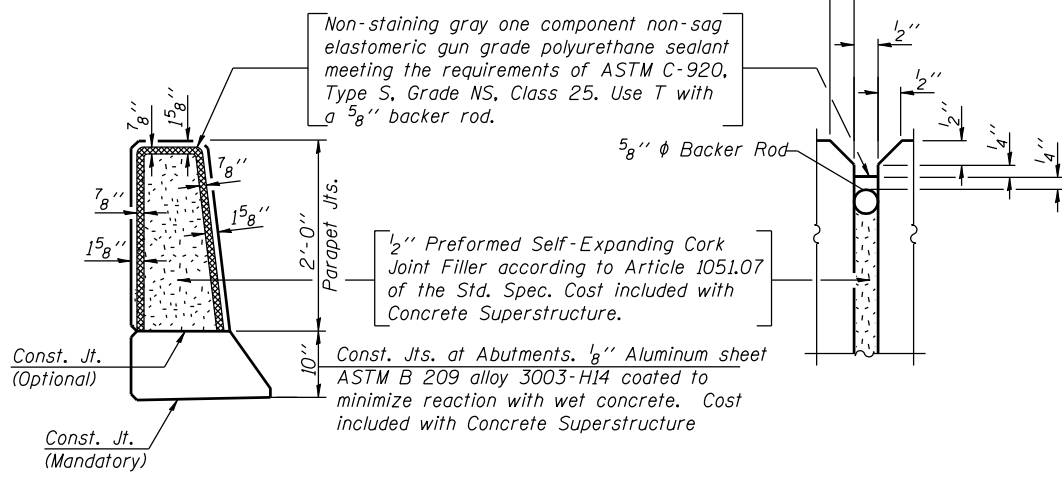
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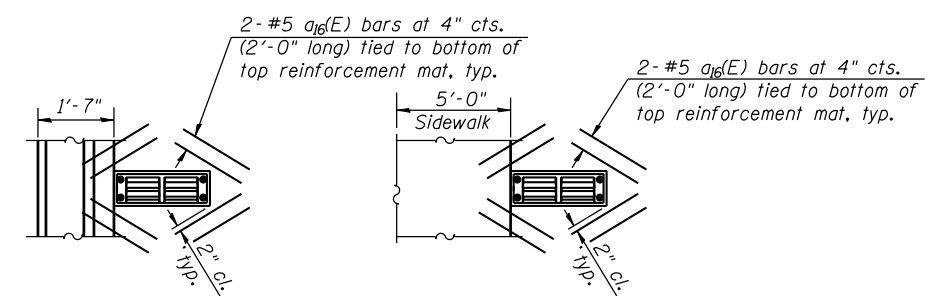
**INSIDE ELEVATION OF INTERIOR PARAPET**



**SECTION THRU BICYCLE LANE AND INTERIOR PARAPET**  
(Looking East)

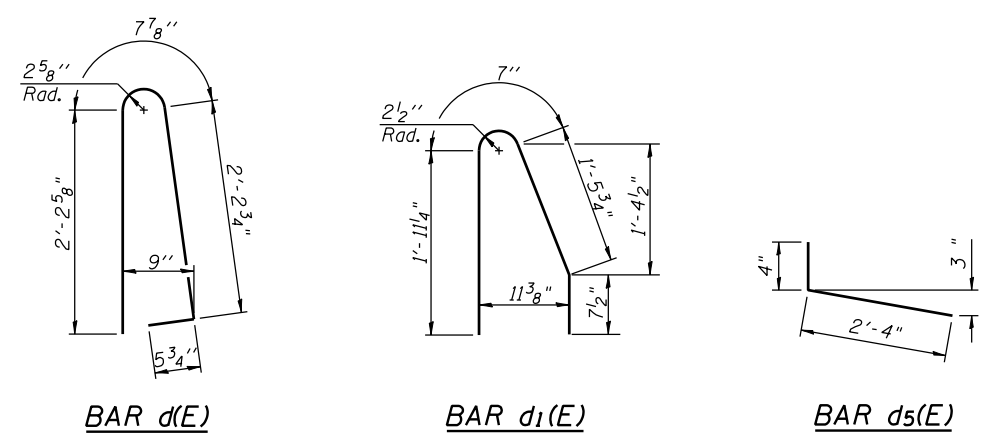


**INTERIOR PARAPET JOINT DETAILS**



**NORTH SCUPPER PLAN SOUTH SCUPPER PLAN**

Notes:  
Cut longitudinal reinforcement to clear drainage scuppers.  
See Sheet 1 of 27 for Scupper locations.



**MINIMUM BAR LAP**

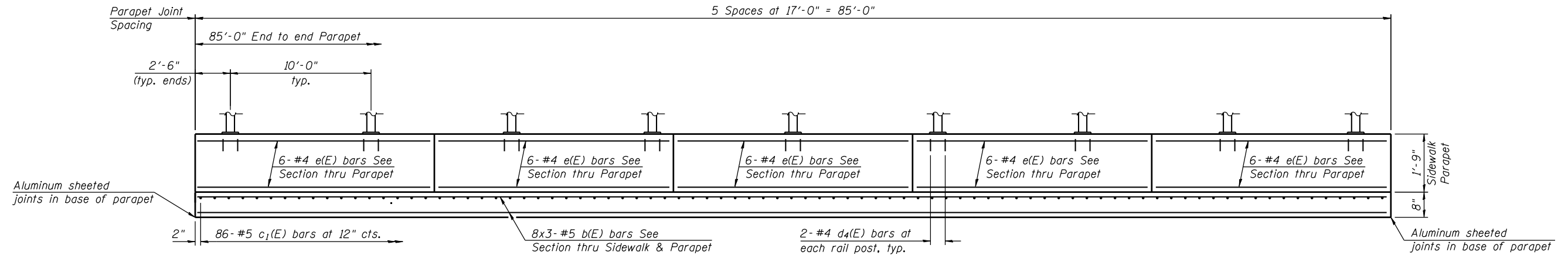
#4 bar = 2'-0"  
#8 bar = 5'-2"

**SUPERSTRUCTURE BILL OF MATERIAL**

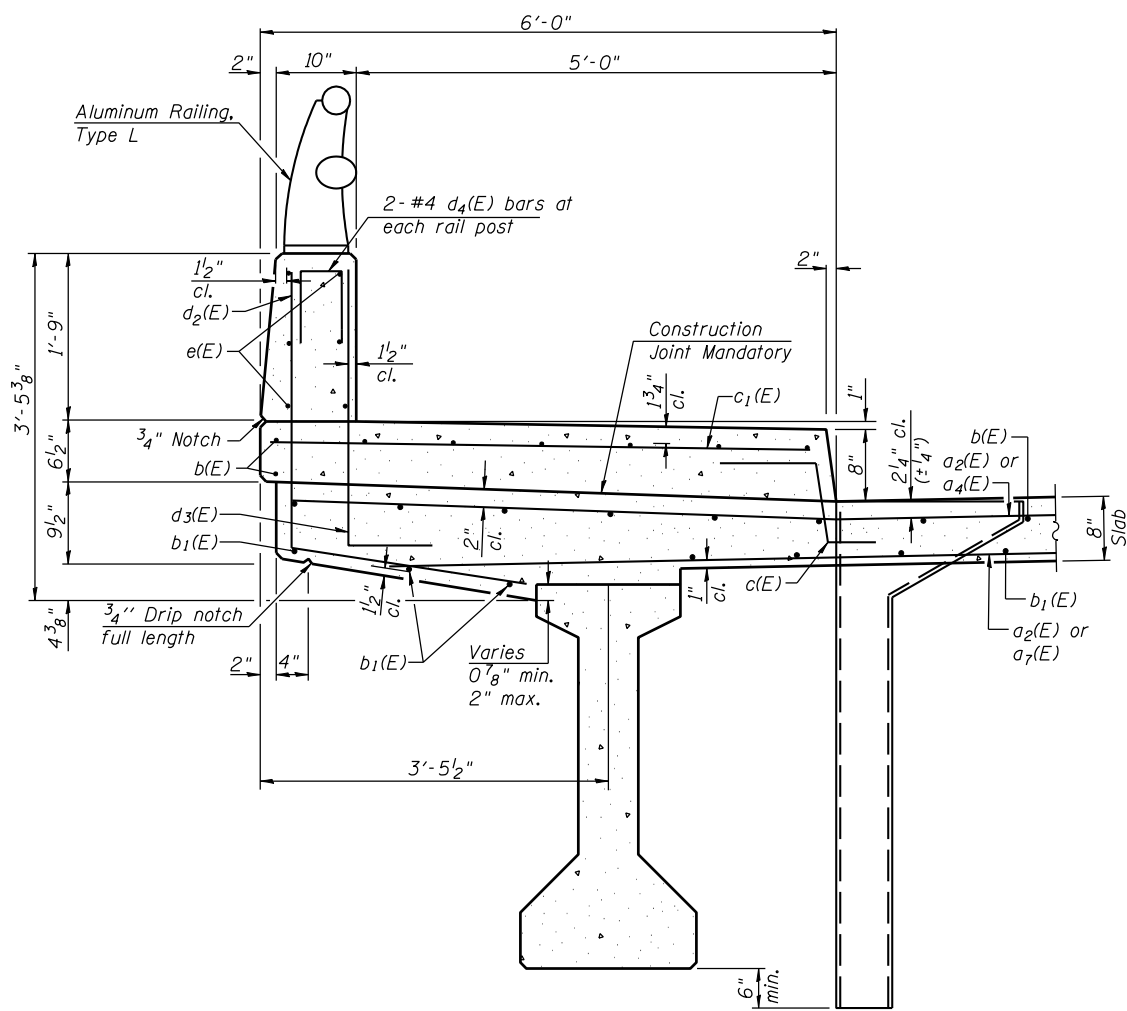
Bar	No.	Size	Length	Shape
a(E)	223	#5	27'-1"	—
a1(E)	27	#5	27'-11"	—
a2(E)	388	#5	32'-4"	—
a3(E)	29	#5	36'-3"	—
a4(E)	32	#5	33'-0"	—
a5(E)	147	#5	17'-5"	—
a6(E)	20	#5	35'-1"	—
a7(E)	24	#5	32'-10"	—
a8(E)	4	#5	31'-4"	—
a9(E)	12	#5	25'-1"	—
a10(E)	32	#5	2'-0"	—
b(E)	342	#5	30'-1"	—
b1(E)	312	#5	23'-3"	—
c(E)	86	#5	2'-4"	⌒
c1(E)	86	#5	5'-8"	—
c2(E)	86	#5	13'-8"	—
c3(E)	172	#5	1'-3"	⌒
d(E)	94	#5	5'-7"	⌒
d1(E)	94	#5	4'-8"	⌒
d2(E)	86	#4	5'-0"	⌒
d3(E)	86	#6	3'-9"	⌒
d4(E)	18	#4	2'-0"	⌒
d5(E)	86	#4	2'-8"	⌒
e(E)	65	#4	16'-8"	—
e1(E)	3	#4	29'-8"	—
e2(E)	3	#8	31'-10"	—
m(E)	10	#6	31'-4"	—
m1(E)	30	#6	25'-11"	—
m2(E)	52	#6	11'-0"	—
m3(E)	24	#6	5'-5"	—
m4(E)	4	#4	2'-6"	—
s(E)	156	#5	6'-10"	⌒
s1(E)	156	#4	12'-6"	⌒
v(E)	182	#5	3'-9"	⌒
Reinforcement Bars, Epoxy Coated		Lbs.	56,710	
Concrete Superstructure		Cu. Yds.	331	

Bars indicated thus 1 x 3 - #5 etc. indicates 1 line of bars with 3 lengths per line.

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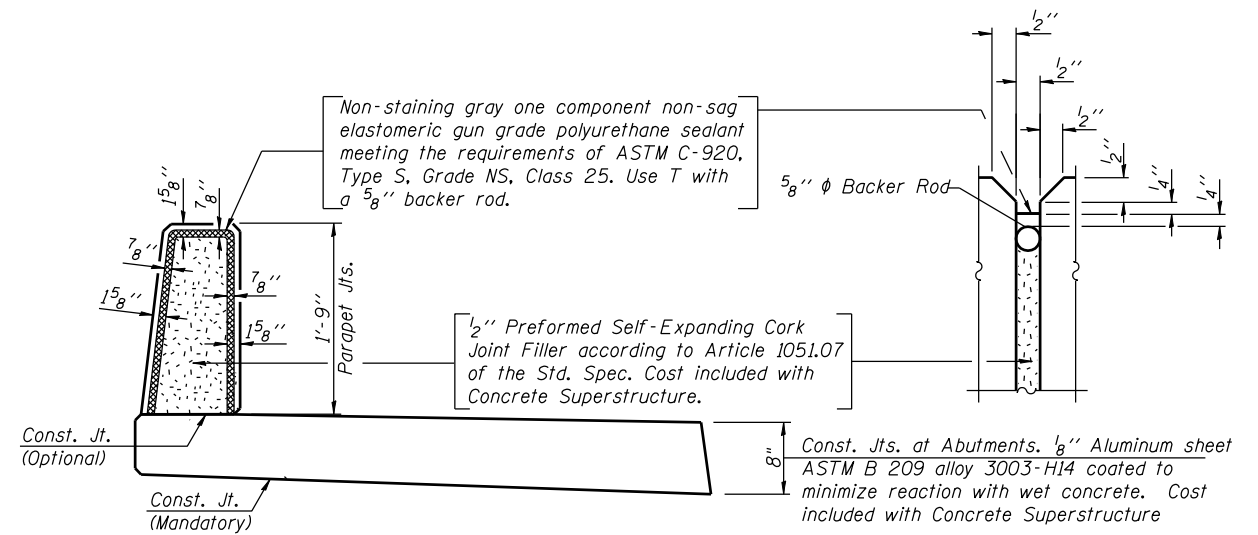
**INSIDE ELEVATION OF SIDEWALK PARAPET**



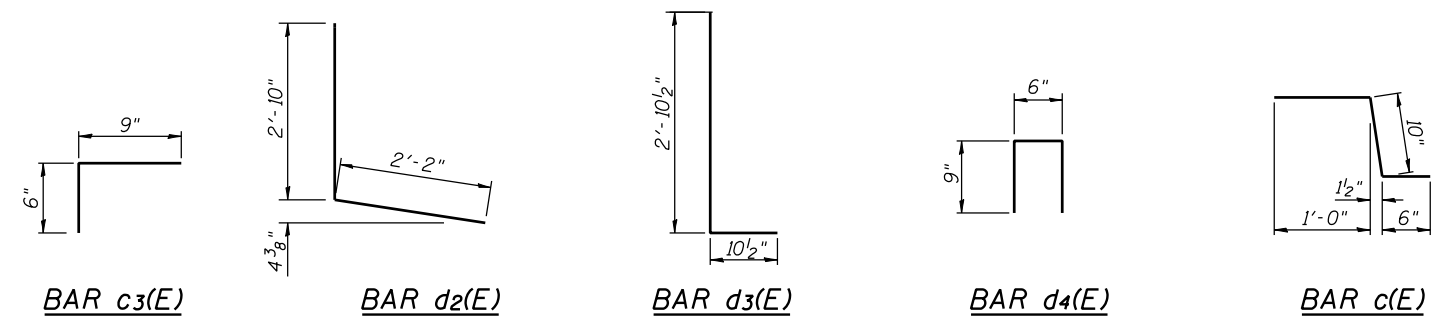
**SECTION THRU SIDEWALK AND PARAPET**  
(Looking West)

Notes: For Scupper Details, see sheet 17 of 27.  
For Bill of Materials, see sheet 10 of 27.

**MINIMUM BAR LAP**  
#4 bar = 2'-0"  
#8 bar = 5'-2"



**SIDEWALK PARAPET JOINT DETAILS**



**BAR c3(E)**

**BAR d2(E)**

**BAR d3(E)**

**BAR d4(E)**

**BAR c(E)**

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1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = briantf	DESIGNED KDH	REVISIONS
	PLOT SCALE =	CHECKED AJS	REVISIONS
	PLOT DATE = 5/1/2012	DRAWN BJF	REVISIONS
		CHECKED KDH	REVISIONS

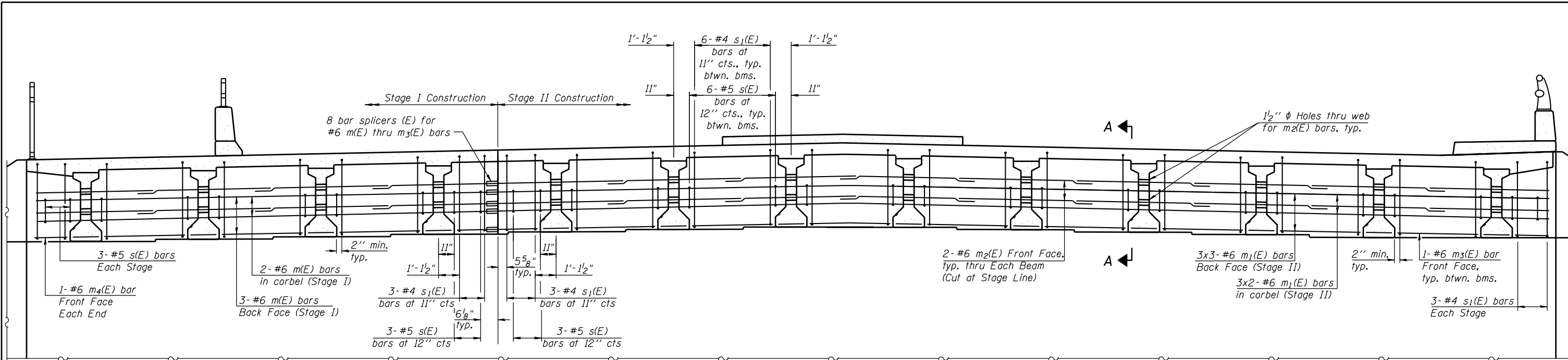
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE DETAILS (2 OF 2)  
STRUCTURE NO. 047-0301**

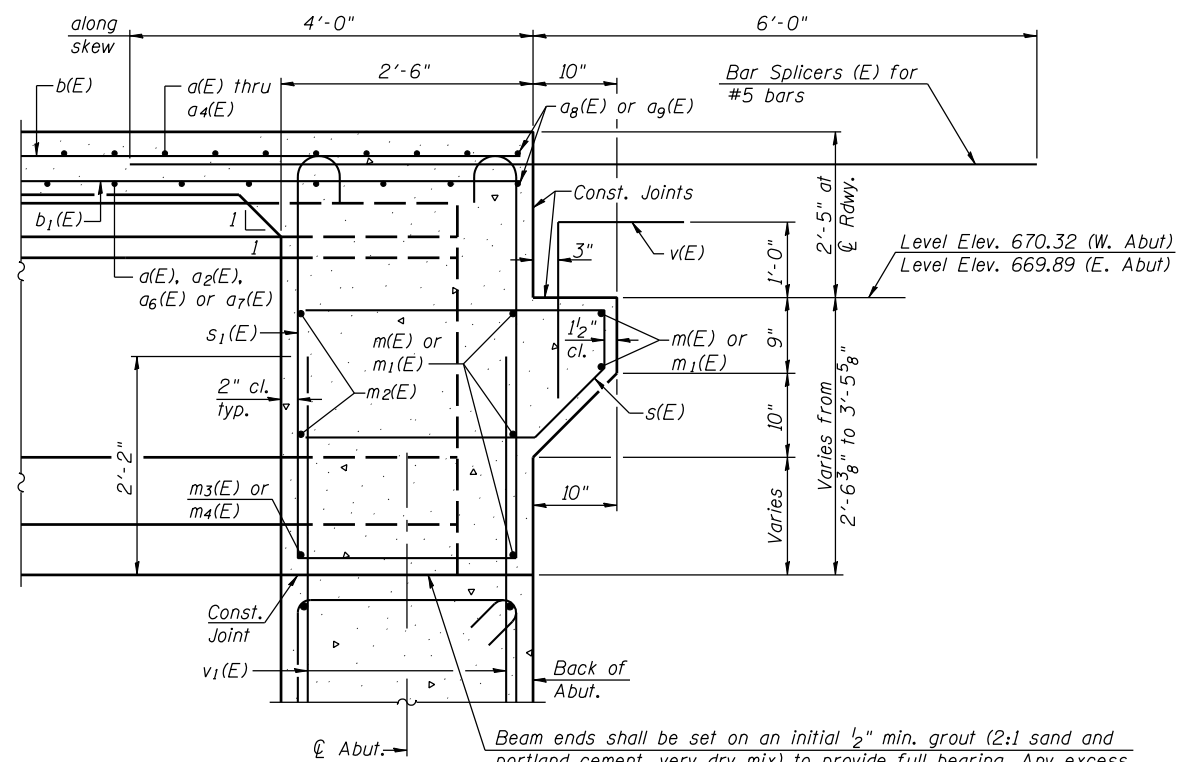
SHEET NO. 11 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	299
CONTRACT NO. 60132				

ILLINOIS FED. AID PROJECT



**DIAPHRAGM ELEVATION AT ABUTMENT**  
(Looking East)



**MIN. BAR LAP**  
#6 bar = 3'-4"

**Notes:**  
 Reinforcement bars in diaphragm are billed with superstructure on sheet 10 of 27.  
 Concrete in diaphragm is included with Concrete Superstructure on sheet 10 of 27.  
 For details of bars s(E) and s<sub>1</sub>(E) see sheet 10 of 27.  
 The s(E) and s<sub>1</sub>(E) bars shall be placed parallel to the beams.  
 Spacing for these bars shall be at right angles to the beams.  
 Contractor to cut m<sub>2</sub>(E) and m<sub>3</sub>(E) bars at Stage Construction Line.  
 Remaining portion of bar to be saved and spliced in Stage II Construction.

Beam ends shall be set on an initial 1/2" min. grout (2:1 sand and portland cement, very dry mix) to provide full bearing. Any excess grout squeezed out from under the beam shall be removed. Cost included with Concrete Structures.

**SECTION A-A**  
Dimensions at right angles to abutment, except as shown.

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