

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2009-137 DM	McHENRY	12	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 60K03		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

ALGONQUIN BYPASS - F.A.P. 860
SECTION: 2009-137 DM

ILLINOIS ROUTE 31 (N. JCT) TO ILLINOIS ROUTE 31 (S. JCT)
TOASTMASTER SITE - BUILDING DEMOLITION

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES AND STATE STANDARDS
3	SUMMARY OF QUANTITIES
4	LOCATION PLAN
5-6	BUILDING DEMOLITION & EROSION CONTROL PLAN
7	TRAFFIC CONTROL DETAIL
8-12	PLAT OF HIGHWAYS

PROJECT LOCATED IN
VILLAGE OF ALGONQUIN

DESIGN DESIGNATION

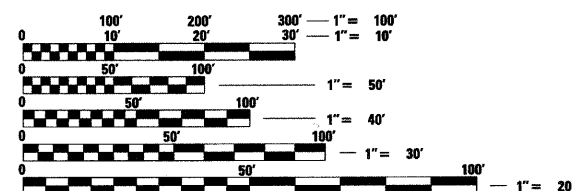
NA

TRAFFIC DATA

NA

DESCRIPTION OF PROJECT

DEMOLITION OF THE FORMER PRAIRIE OASIS BUILDING LOCATED AT 315 RAILROAD STREET, THE FORMER TOASTMASTER FACTORY BUILDING LOCATED AT 401 WASHINGTON STREET, AND THE FORMER ALGONQUIN ROADHOUSE BUILDING LOCATED AT 440 EAST ALGONQUIN ROAD IN THE VILLAGE OF ALGONQUIN



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

DISTRICT ONE - DESIGN
PROJECT MANAGER: ISAAC KWARTENG (847) 705-4230
PROJECT ENGINEER: ALIX BRICE (847) 705-4552

CONTRACT NO. 60K03

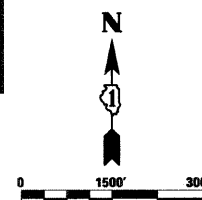
McHENRY COUNTY
C-91-328-10

LOCATION MAP
R 8 E



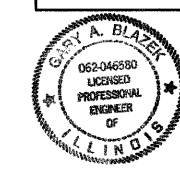
ALGONQUIN TOWNSHIP

PROJECT LENGTH:
ILLINOIS RTE 31 BYPASS - 18,662.68 FT. (3.5 MILES) (NET & GROSS)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MAY 12, 2010
Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER
June 25, 2010
Scott E. Stitt P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT
June 25, 2010
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



Gregory A. Blazek
REGISTERED P.E., STATE OF ILLINOIS
EXPIRES 11/30/2010

PLANS PREPARED BY:
CIVILTECH
450 E. Devon Ave., Suite 300 - Itasca, Illinois 60143
Tel: 630.773.3900 - Fax: 630.773.3975
www.civiltechinc.com

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OF THE STATE OF ILLINOIS

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2010; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD; "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION, VILLAGE OF ALGONQUIN REQUIREMENTS. THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
2. HORIZONTAL CONTROL IS HARN (HPGN) ILLINOIS STATE PLANES EAST ZONE, US FOOT. VERTICAL CONTROL IS NAVD 88.
3. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, MCHENRY COUNTY, AND THE VILLAGE OF ALGONQUIN, FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND GOVERNMENT AGENCIES.
5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN CONCENT FROM THE DEPARTMENT.
6. WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
7. FULL-DEPTH SAW CUTS SHALL BE USED TO REMOVE EXISTING PAVEMENT AND APPERTUNANCES FROM MATERIAL TO REMAIN IN ACCORDANCE WITH SECTION 440. THE COST OF THE FULL-DEPTH SAWING SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
8. NO ADDITIONAL COMPENSATION WILL BE MADE FOR REMOVAL OF STUMPS OR TREE ROOTS THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
10. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL.
11. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS, AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
12. SOIL EROSION AND SEDIMENTATION CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE.
13. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN 7 CALENDAR DAYS OF THE END OF THE ACTIVE HYDROLOGIC DISTURBANCE. PERMANENT STABILIZATION SHALL BE DONE WITHIN 7 DAYS AFTER COMPLETION OF THE FINAL GRADING OF THE SOIL.
14. ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED, OR OTHERWISE TREATED TO REMOVE SEDIMENT.
15. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED.
16. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

GENERAL NOTES (CONTINUED)

17. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION. THE CONTRACTOR SHALL RESET ALL SURVEY MARKERS, CONTROL POINTS AND TIES DISTURBED DURING CONSTRUCTION. THIS WORK SHALL BE PAID FOR AS "PERMANENT SURVEY MARKERS, TYPE II".
18. PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
19. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
20. THE CONTRACTOR SHALL CONTACT THE ALGONQUIN PUBLIC WORKS DEPARTMENT AT (847) 658-2754 FOR WATER SERVICE AND SANITARY SEWER LATERAL DISCONNECTION REQUIREMENTS. WATER SERVICES AND SEWER LATERALS SHALL BE REMOVED TO A POINT 10' OUTSIDE THE BUILDING FOUNDATIONS.
21. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A DEMOLITION PERMIT FROM THE VILLAGE OF ALGONQUIN.
22. ALL TRAFFIC CONTROL SHALL BE INCIDENTAL TO THIS CONTRACT.

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

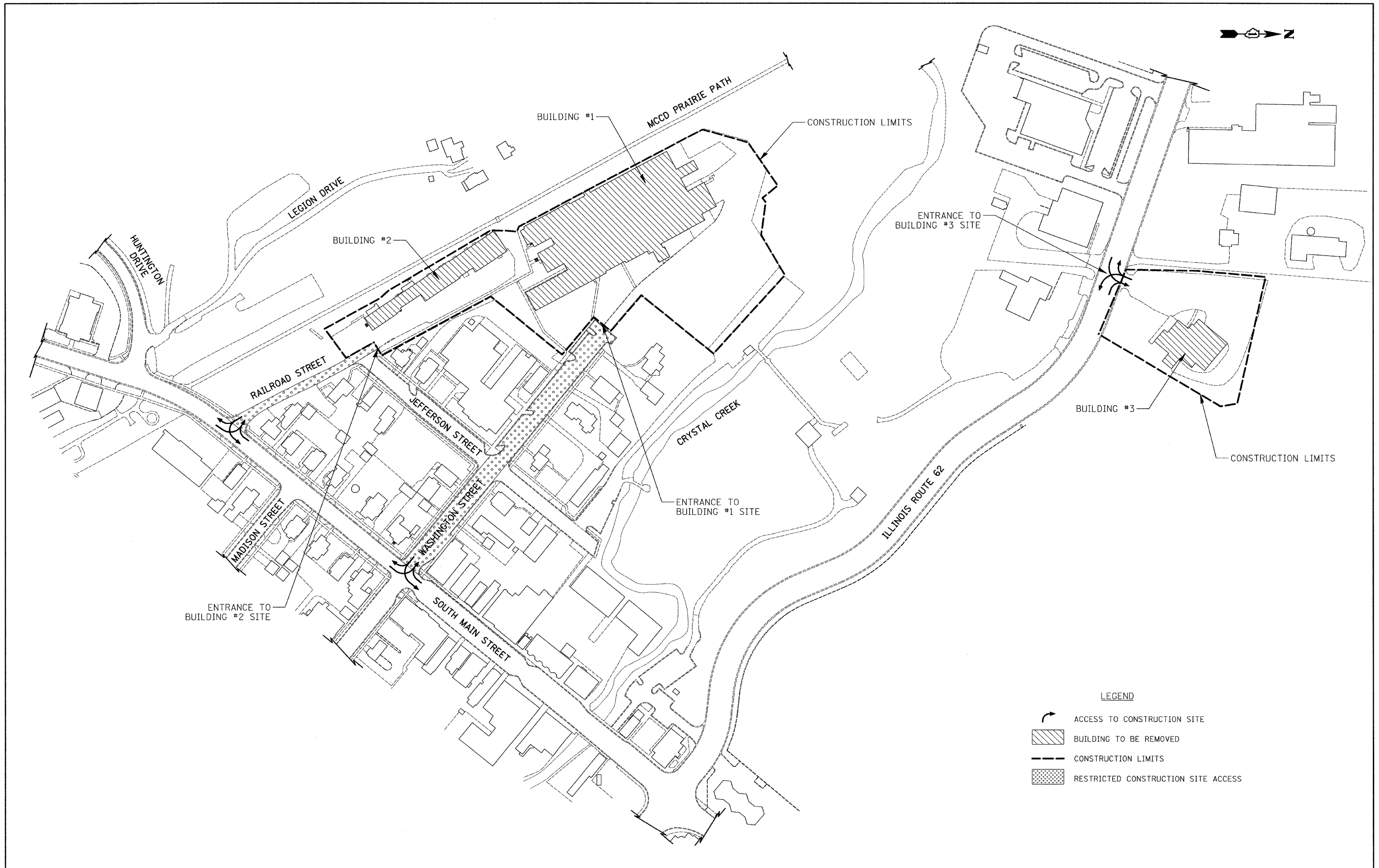
000001-05	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
664001-02	CHAIN LINK FENCE
667101-01	PERMANENT SURVEY MARKERS
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701801-04	LANE CLOSURE MULTI LANE 1W 2W WITH CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS

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		DRAWN - CTB	REVISED -								
		CHECKED - GAB	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT
		DATE -	REVISED -			CONTRACT NO. 60K03					
		PLOT SCALE = 1,0000' / IN.							12	2	
		PLOT DATE = 5/11/2010									





CODE NO.	PAY ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE
			URBAN	4004
25100630	EROSION CONTROL BLANKET	SQ YD	10,380	10,380
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	220	220
28000400	PERIMETER EROSION BARRIER	FOOT	1,915	1,915
28000510	INLET FILTERS	EACH	10	10
66400305	CHAIN LINK FENCE, 6'	FOOT	945	945
66408200	CHAIN LINK GATES, 6' X 24' DOUBLE	EACH	1	1
67100100	MOBILIZATION	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1
Z0007602	BUILDING REMOVAL NO. 2	L SUM	1	1
Z0007603	BUILDING REMOVAL NO. 3	L SUM	1	1
Z0019600	DUST CONTROL WATERING	UNIT	300	300
X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	350	350

INDICATES SPECIALTY ITEMS

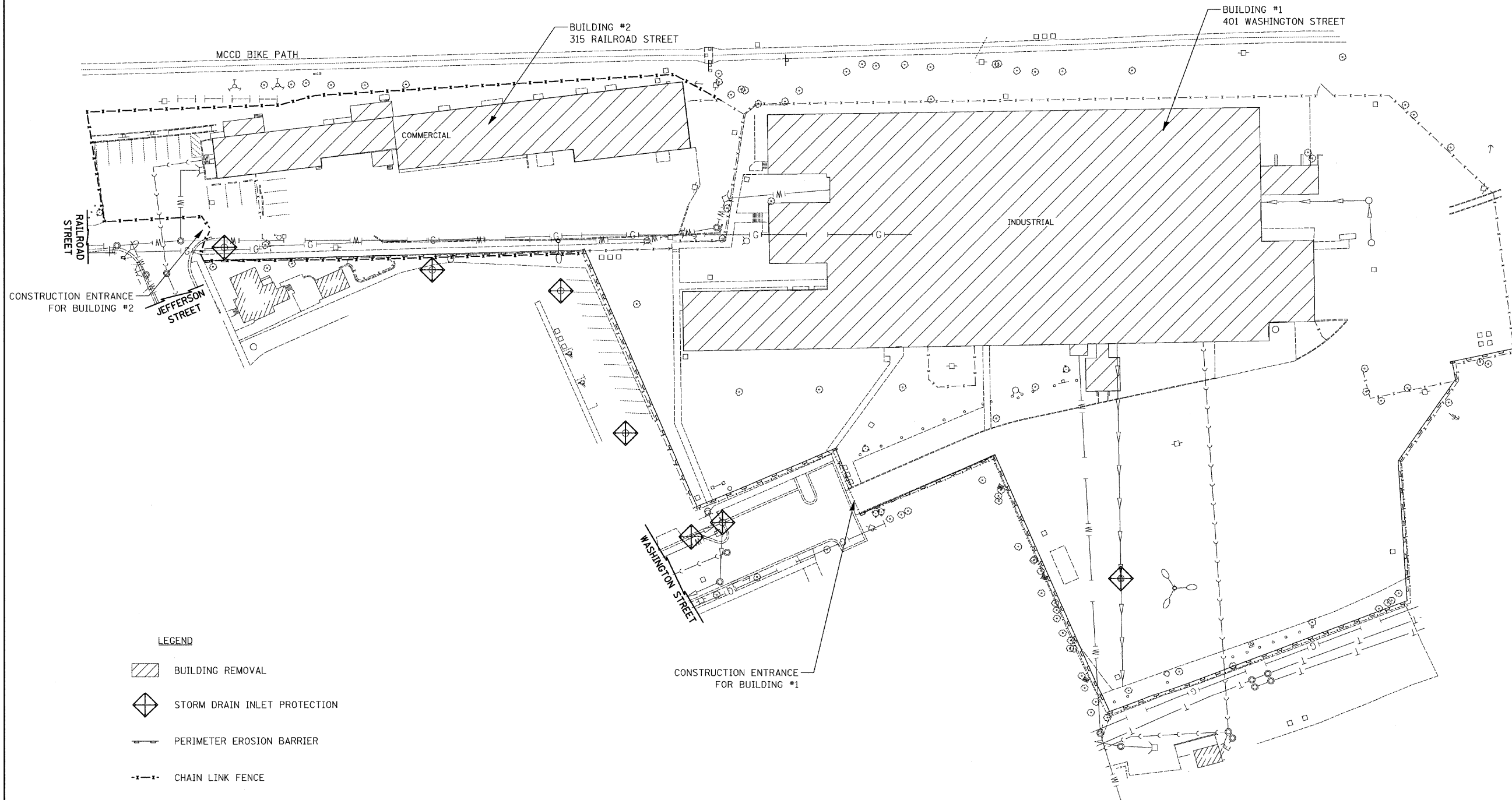
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		DRAWN - CTB	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	2009-137 DM	McHENRY	12	3	
		CHECKED - GAB	REVISED -		CONTRACT NO. 60K03								
		DATE -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								







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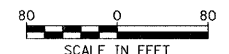
-  ACCESS TO CONSTRUCTION SITE
-  BUILDING TO BE REMOVED
-  CONSTRUCTION LIMITS
-  RESTRICTED CONSTRUCTION SITE ACCESS

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		CHECKED - GAB	REVISED -		CONTRACT NO. 60K03							
		DATE - 5/11/2010	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



LEGEND

-  BUILDING REMOVAL
-  STORM DRAIN INLET PROTECTION
-  PERIMETER EROSION BARRIER
-  CHAIN LINK FENCE



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...\\D160K03-sht-dem-01.dgn

USER NAME = ctb
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PLOT DATE = 5/11/2018

DESIGNED - CTB
DRAWN - CTB
CHECKED - GAB
DATE -

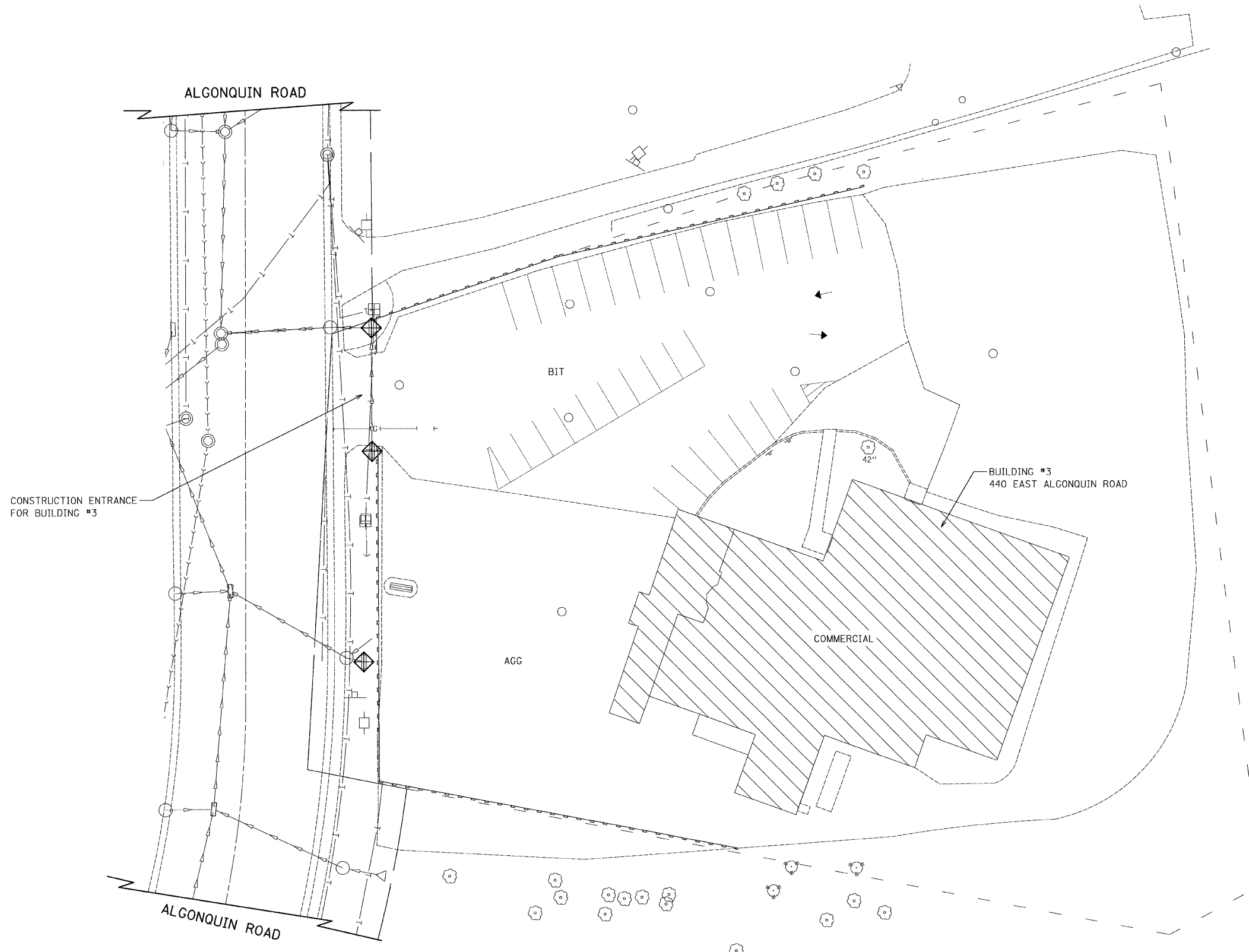
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



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUILDING DEMOLITION & EROSION CONTROL PLAN

SCALE: 1" = 80' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2009-137 DM	MCHENRY	12	5
CONTRACT NO. 60K03				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- LEGEND**
-  BUILDING REMOVAL
 -  STORM DRAIN INLET PROTECTION
 -  PERIMETER EROSION BARRIER
 -  CHAIN LINK FENCE



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PLOT DATE = 5/11/2010

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DRAWN - CTB
CHECKED - GAB
DATE -

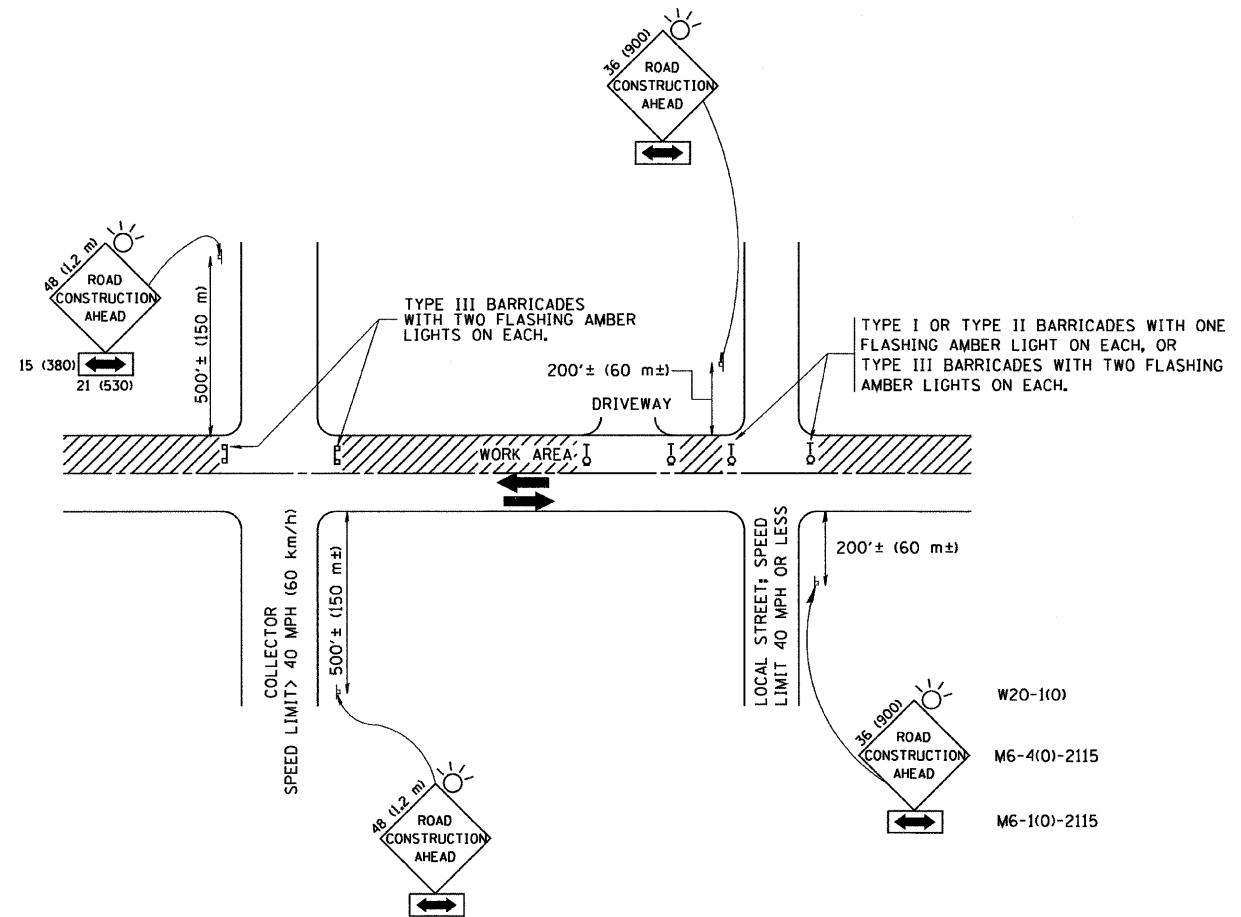
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUILDING DEMOLITION & EROSION CONTROL PLAN

SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2009-137 DM	MCHENRY	12	6
CONTRACT NO. 60K03				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\diststd\22x34\tcl0.dgn	USER NAME = geglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

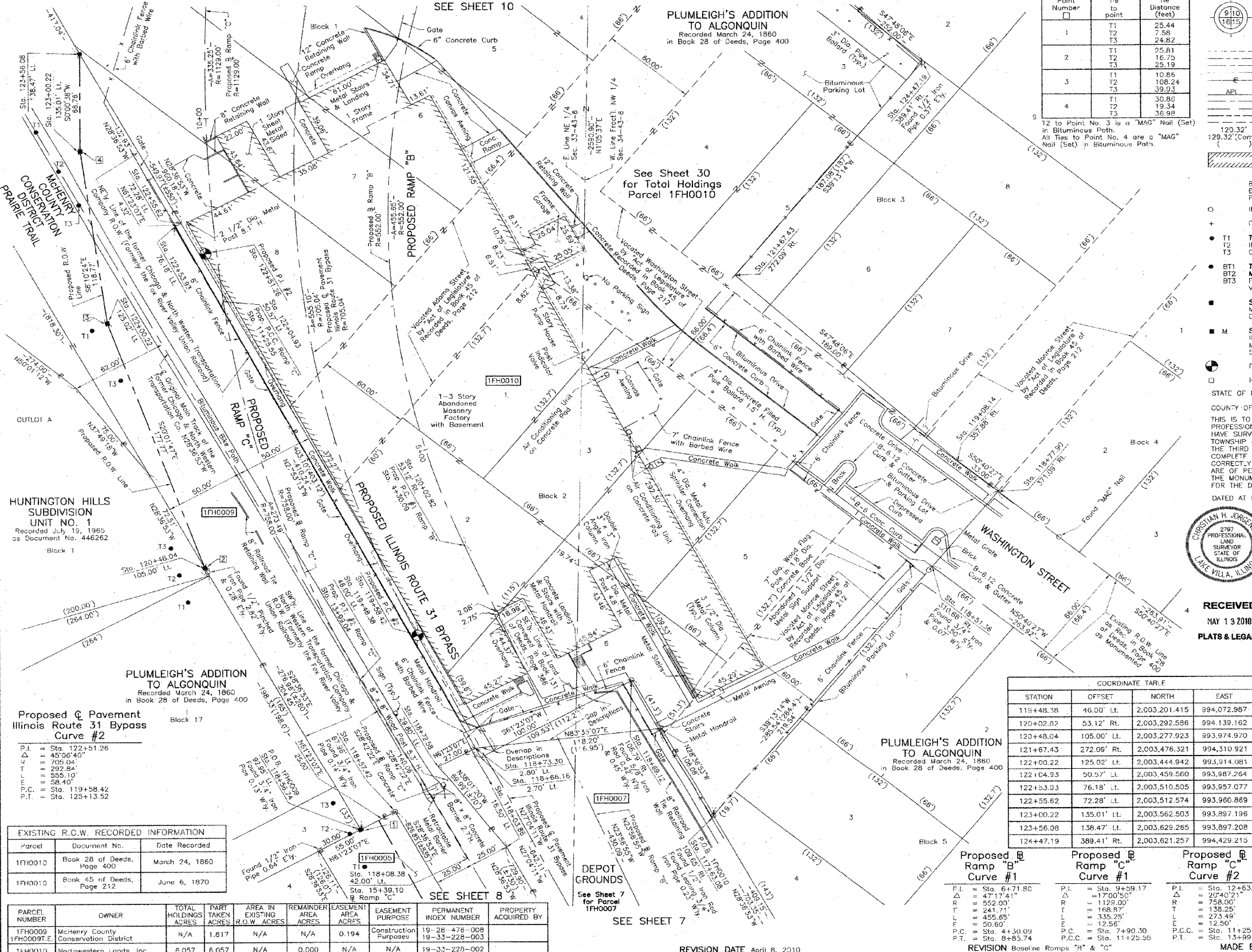
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2009-137 DM	McHENRY	12	7
TC-10			CONTRACT NO.	60K03
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PART OF THE NE 1/4 OF SEC. 33 AND PART OF THE FRACTIONAL NW 1/4 OF SEC. 34, TWP. 43 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



Point Number	Tie to point	Tie Distance (feet)
1	T1	25.44
	T2	7.58
	T3	24.82
2	T1	25.81
	T2	16.75
	T3	25.19
3	T1	10.86
	T2	108.24
	T3	39.93
4	T1	30.86
	T2	19.34
	T3	36.98

LEGEND

SECTION CORNER (Symbol)

QUARTER SECTION CORNER (Symbol)

SECTION LINE (Symbol)

QUARTER SECTION LINE (Symbol)

PLATTED LOT LINE (Symbol)

PROPERTY (DEED) LINE (Symbol)

APPARENT PROPERTY LINE (Symbol)

CENTER LINE (Symbol)

EXISTING RIGHT OF WAY LINE (Symbol)

PROPOSED RIGHT OF WAY LINE (Symbol)

PROPOSED EASEMENT (Symbol)

MEASURED DIMENSION (Symbol)

COMPUTED DIMENSION (Symbol)

RECORD DATA (Symbol)

EXISTING BUILDING (Symbol)

Scale: 1"=30'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, at Found Geodetic Survey Control Monuments "MCH31 1A", P.I.D. A12855 and "Algonquin", P.I.D. A2345.

- IRON PIPE OR ROD FOUND
- ⊙ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.1 STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN BETWEEN SECTION 33, TOWNSHIP 43N., RANGE 8E. AND SECTION 34, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 14th DAY OF March 2010 A.D.



RECEIVED
 MAY 13 2010
 PLATS & LEGALS

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
117+63.08	109.65' Rt.	2,003,107.244	994,295.910
118+03.86	15.50' Lt.	2,003,086.152	994,155.025
118+08.38	42.00' Lt.	2,003,078.570	994,140.260
118+51.36	310.66' Rt.	2,003,277.327	994,434.730
118+56.74	92.95' Lt.	2,003,098.447	994,072.883
118+57.42	67.96' Lt.	2,003,110.420	994,094.830
118+66.16	2.70' Lt.	2,003,147.906	994,148.957
118+68.12	106.79' Rt.	2,003,200.363	994,245.110
118+72.58	29.80' Lt.	2,003,141.288	994,121.914
118+73.30	2.80' Lt.	2,003,154.218	994,145.617
118+77.90	371.09' Rt.	2,003,328.459	994,476.462
119+08.14	357.88' Rt.	2,003,349.372	994,450.935

Proposed C Pavement Illinois Route 31 Bypass Route #2

P.I. = Sta. 122+51.25
 Δ = 45°06'40"
 R = 705.04'
 T = 292.84'
 L = 555.10'
 P.C. = Sta. 119+58.42
 P.T. = Sta. 125+13.52

Parcel	Document No.	Date Recorded
1FH0010	Book 28 of Deeds, Page 400	March 24, 1860
1FH0010	Book 45 of Deeds, Page 212	June 6, 1870

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FH0009	McHenry County Conservation District	N/A	1.817	N/A	N/A	0.194	Construction Purposes	19-28-478-008 19-33-228-003	
1FH0010	Northwestern Lands, Inc.	6.057	6.057	N/A	0.000	N/A	N/A	19-33-228-002	

STATION	OFFSET	NORTH	EAST
119+48.38	46.00' Lt.	2,003,201.415	994,072.987
120+02.87	53.12' Rt.	2,003,292.596	994,139.162
120+48.04	105.00' Lt.	2,003,277.923	993,974.970
121+67.43	272.09' Rt.	2,003,476.321	994,310.921
122+00.22	125.02' Lt.	2,003,444.942	995,314.081
122+04.93	50.57' Lt.	2,003,459.560	993,987.264
122+53.93	76.18' Lt.	2,003,510.505	993,857.077
122+55.62	72.28' Lt.	2,003,512.574	993,960.869
123+00.22	135.01' Lt.	2,003,562.503	993,897.196
123+56.08	138.47' Lt.	2,003,629.265	993,897.208
124+47.19	389.41' Rt.	2,003,621.257	994,429.215

Proposed B Ramp #1 Curve #1

P.I. = Sta. 6+71.80
 Δ = 47°17'41"
 R = 552.00'
 T = 241.71'
 L = 455.65'
 P.C. = Sta. 4+30.09
 P.T. = Sta. 8+85.74

Proposed B Ramp #1 Curve #2

P.I. = Sta. 9+59.17
 Δ = 17°00'50"
 R = 1129.00'
 T = 168.97'
 L = 335.25'
 E = 12.56'
 P.C. = Sta. 7+90.30
 P.T. = Sta. 11+25.55

Proposed C Ramp #2 Curve #2

P.I. = Sta. 12+63.80
 Δ = 20°40'21"
 R = 758.00'
 T = 135.25'
 L = 273.49'
 E = 12.50'
 P.C.C. = Sta. 11+25.55
 P.T. = Sta. 13+89.04

REVISION Baseline Ramps "B" & "C" MADE BY

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.P. 336 (ILLINOIS ROUTE 31 BYPASS)

SECTION 96-00209-00-PV McHENRY COUNTY PROJECT JOB NO. R-91-022-03

STATION 118+00 TO STATION 124+00 SCALE: 1"=30' SHEET 9 OF 37

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

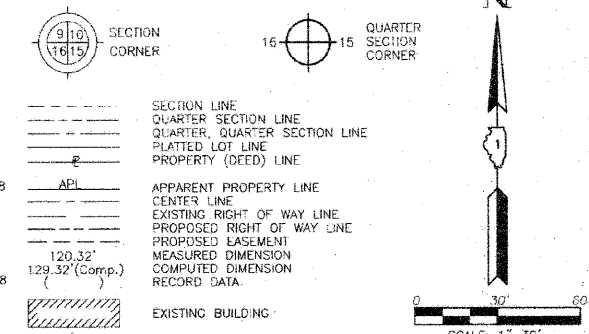
SECTION	TOTAL SHEETS	COUNTY	CONTRACT NO.
2009-137 DM	12	McHENRY	60K03

PART OF THE NE 1/4 OF SEC. 33 AND PART OF THE FRACTIONAL NW 1/4 OF SEC. 34, TWP. 43 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FH0010	Northwestern Lands, Inc.	6.057	6.057	N/A	0.000	N/A	N/A	19-33-228-002	
1FH0011 1FH0011P.E.	Village of Algonquin, an Illinois Municipal Corporation	12.439	1.459	N/A	10.980	P.E.=0.055	Highway Purposes	19-33-228-001 19-34-103-001	

Parcel	Document No.	Date Recorded
1FH0010	Book 28 of Deeds, Page 400	March 24, 1860
1FH0010	Book 45 of Deeds, Page 212	June 6, 1870
1FH0011	Book 45 of Deeds, Page 212	June 6, 1870

LEGEND



Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "MCH31 1A", P.I.D. AJ2855 and "Algonquin", P.I.D. AJ2945.

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

STATE OF ILLINOIS }
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 33, TOWNSHIP 43N., RANGE 8E., AND SECTION 34, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.



DATED AT LAKE VILLA, ILLINOIS THIS 08 DAY OF March 20 2010.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
COORDINATES ARE BASED ON THE PUBLISHED METRIC COORDINATE VALUES AT FOUND GEODETIC SURVEY CONTROL MONUMENT "MCH31 1A", P.I.D. AJ2855, OF N.613,205.182-E.303,895.917.
NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
121+87.43	272.09' Rt.	2,003,476.321	994,310.921
122+04.93	50.57' Lt.	2,003,459.560	993,987.264
122+55.93	76.18' Lt.	2,003,510.505	993,957.077
122+55.62	72.28' Lt.	2,003,512.574	993,960.869
124+47.19	389.41' Rt.	2,003,621.257	994,429.215
125+00.41	77.34' Rt.	2,003,735.402	994,136.833
125+01.33	95.53' Rt.	2,003,730.850	994,154.464
125+08.71	60.30' Lt.	2,003,784.189	994,007.878
125+11.77	102.64' Rt.	2,003,737.272	994,163.942
125+11.88	80.16' Lt.	2,003,793.572	993,990.022
125+35.40	153.81' Lt.	2,003,836.856	993,927.527
125+87.00	160.88' Rt.	2,003,790.523	994,242.531

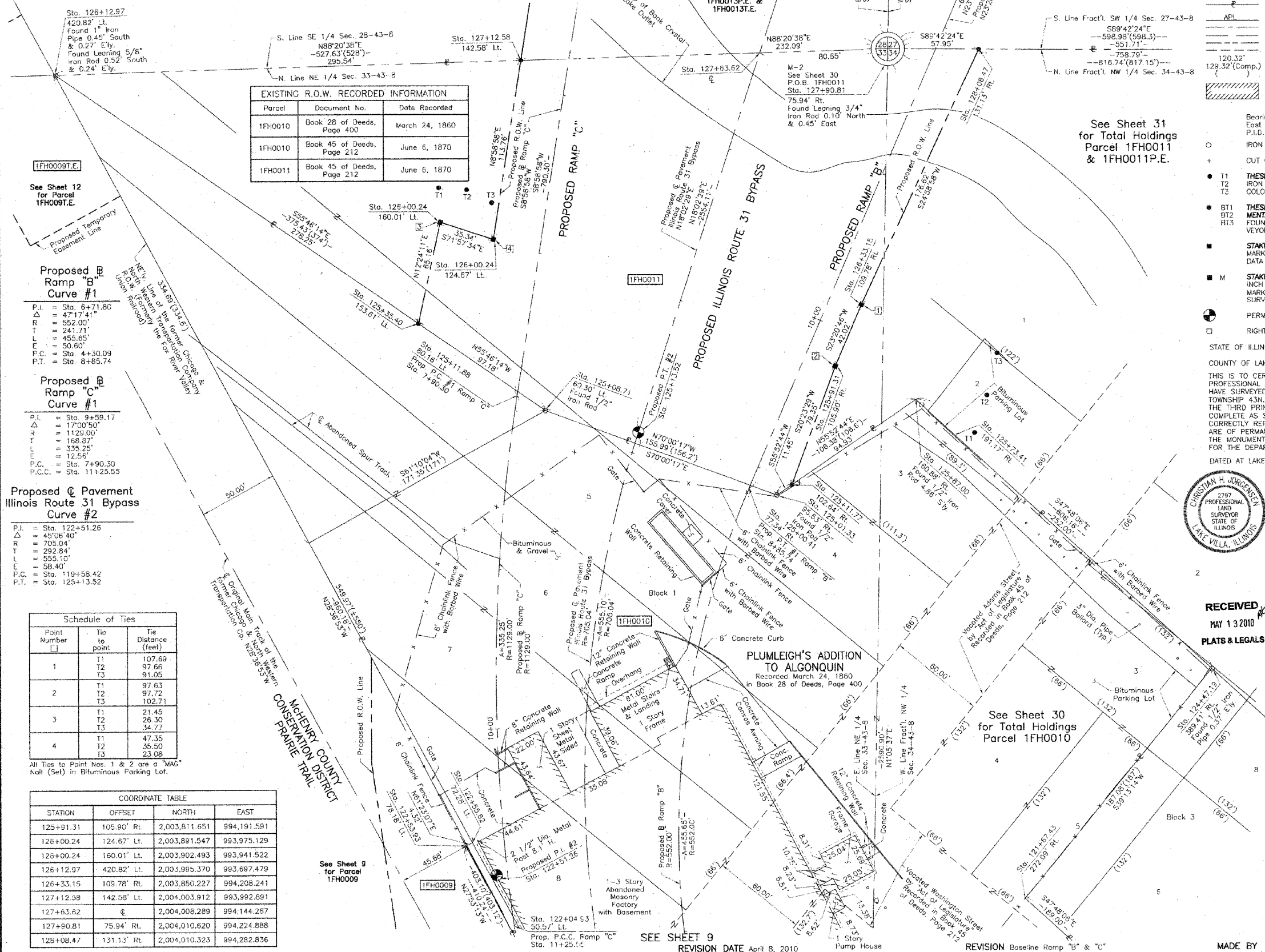
RECEIVED
MAY 13 2010
PLATS & LEGALS

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (ILLINOIS ROUTE 31 BYPASS)
SECTION 96-00209-00-PV McHENRY COUNTY
PROJECT JOB NO. R-91-022-03
STATION 122+00 TO STATION 128+00
SCALE: 1"=30' SHEET 10 OF 37

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



Proposed B Ramp "B" Curve #1
P.I. = Sta. 6+71.80
Δ = 47°17'41"
R = 552.00'
L = 241.71'
T = 455.65'
E = 50.60'
P.C. = Sta. 4+30.09
P.T. = Sta. 8+85.74

Proposed B Ramp "C" Curve #1
P.I. = Sta. 9+59.17
Δ = 17°00'50"
R = 1129.00'
L = 168.87'
T = 335.25'
E = 12.56'
P.C. = Sta. 7+90.30
P.C.C. = Sta. 11+25.55

Proposed C Pavement Illinois Route 31 Bypass Curve #2
P.I. = Sta. 122+51.26
Δ = 45°06'40"
R = 705.04'
L = 292.94'
T = 555.10'
E = 58.40'
P.C. = Sta. 119+58.42
P.T. = Sta. 125+13.52

Point Number	Tie to point	Tie Distance (feet)
1	T1	107.69
	T2	97.68
	T3	91.05
2	T1	97.63
	T2	97.72
	T3	102.71
3	T1	21.45
	T2	26.30
	T3	34.77
4	T1	47.35
	T2	35.50
	T3	23.08

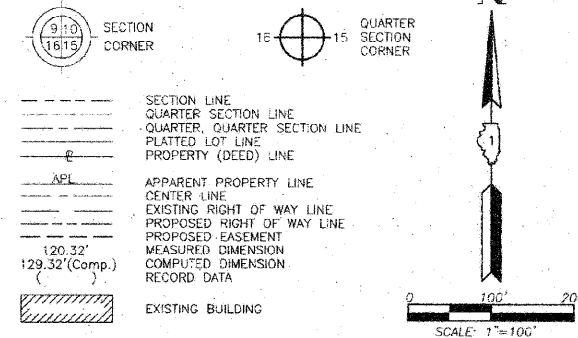
All Ties to Point Nos. 1 & 2 are a "MAG" Nail (Set) in Bituminous Parking Lot.

STATION	OFFSET	NORTH	EAST
125+91.31	105.90' Rt.	2,003,811.651	994,191.591
126+00.24	124.67' Lt.	2,003,891.547	993,975.129
126+00.24	160.01' Lt.	2,003,902.493	993,941.522
126+12.97	420.82' Lt.	2,003,995.370	993,697.479
126+33.15	109.78' Rt.	2,003,850.227	994,208.241
127+12.98	142.58' Lt.	2,004,003.912	993,992.891
127+63.62	□	2,004,008.289	994,144.267
127+90.81	75.94' Rt.	2,004,010.620	994,224.888
128+08.47	131.13' Rt.	2,004,010.323	994,282.836

TOTAL SHEET NO.	COUNTY	SECTION	CONTRACT NO.
12	McHENRY	2009-137 DW	60K03

PART OF THE NE 1/4 OF SEC. 33 AND PART OF THE FRACTIONAL NW 1/4 OF SEC. 34, TWP. 43 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND



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

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 33, TOWNSHIP 43N., RANGE 8E. AND SECTION 34, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.



DATED AT LAKE VILLA, ILLINOIS THIS 12th DAY OF May 2010.
 Christian A. Jorgensen, PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2197
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED
 MAY 13 2010
 PLATS & LEGALS

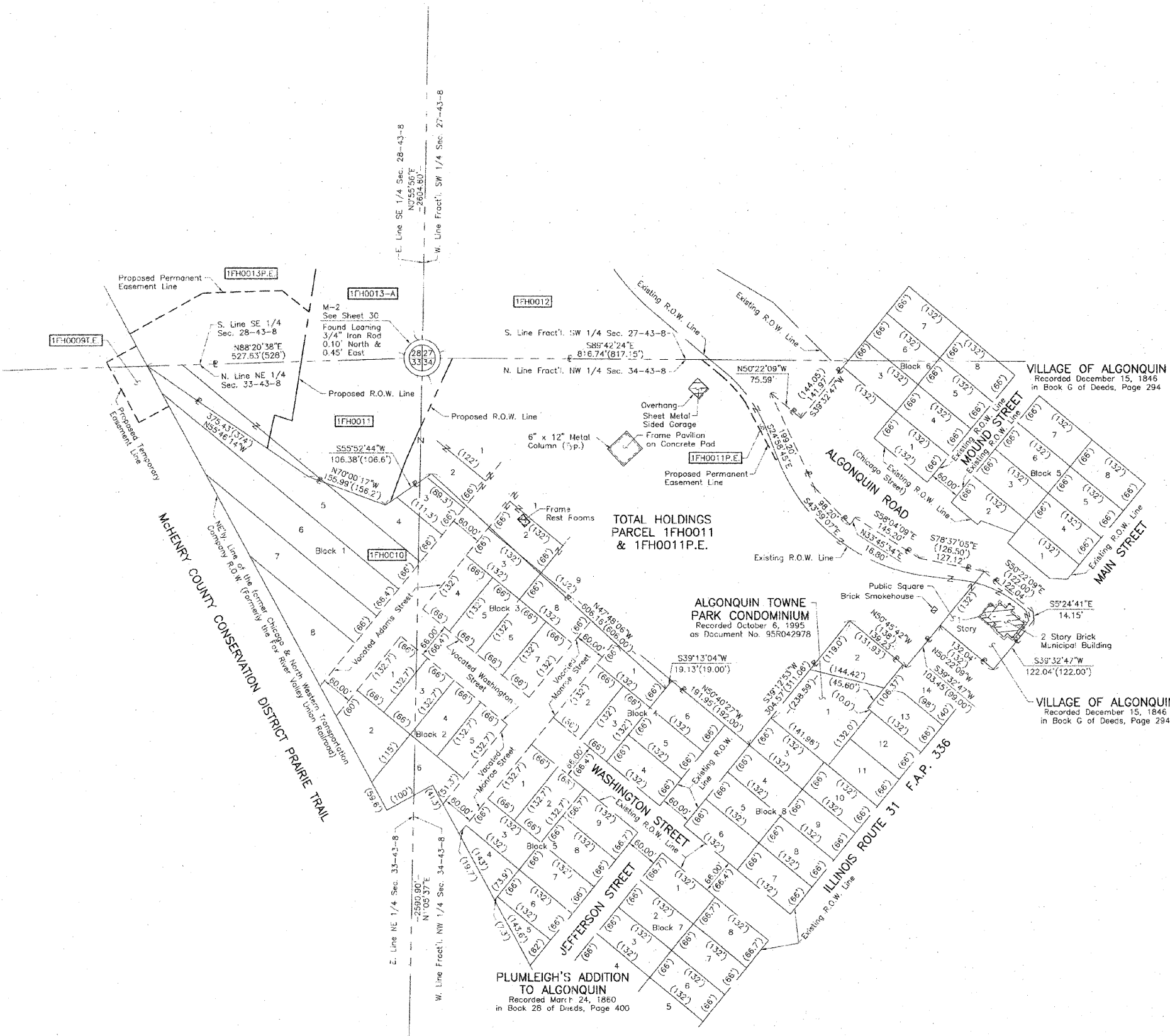
JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371
 SHEET 1 IS A COVER
 SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (ILLINOIS ROUTE 31 BYPASS)
 SECTION 96-00209-00-PV McHENRY COUNTY
 PROJECT TO STATION JOB NO. R-91-022-03
 STATION NONE TO STATION
 SCALE: 1"=100' SHEET 31 OF 37

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

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
96-00209-00-PV	2009-137 DM	McHENRY	12	12
CONTRACT NO. 60K03			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

BY	DATE
MADE	
CHECKED	
INKED	
FLAT	
NOTEBOOK NO.	



REVISION DATE May 12, 2010 REVISION Configuration Parcel 1FH0011 MADE BY