

083

03-08-2019 LETTING ITEM 083

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2018-108-DM	2018-108-DM	LAKE	14	1
CONTRACT NO. 62H39				

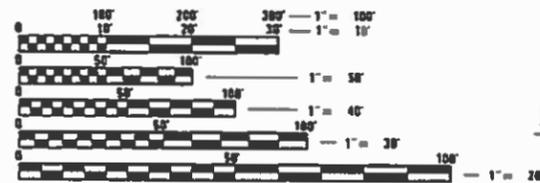
FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAP 866: IL ROUTE 83
AT 481 SOUTH IL ROUTE 83, GRAYSLAKE
FAP 342: IL ROUTE 53
AT 1620 BRENTWOOD DR, MUNDELEIN
SECTION: 2018-108-DM
BUILDING DEMOLITION
LAKE COUNTY
C-91-243-19

TRAFFIC DATA:
LOCATION 1:
 2017 ADT = 6300
 POSTED SPEED LIMIT = 40 MPH
LOCATION 2:
 2017 ADT = 11600
 POSTED SPEED LIMIT = 50 MPH

THE IMPROVEMENT IS LOCATED
IN THE VILLAGES OF GRAYSLAKE
AND MUNDELEIN

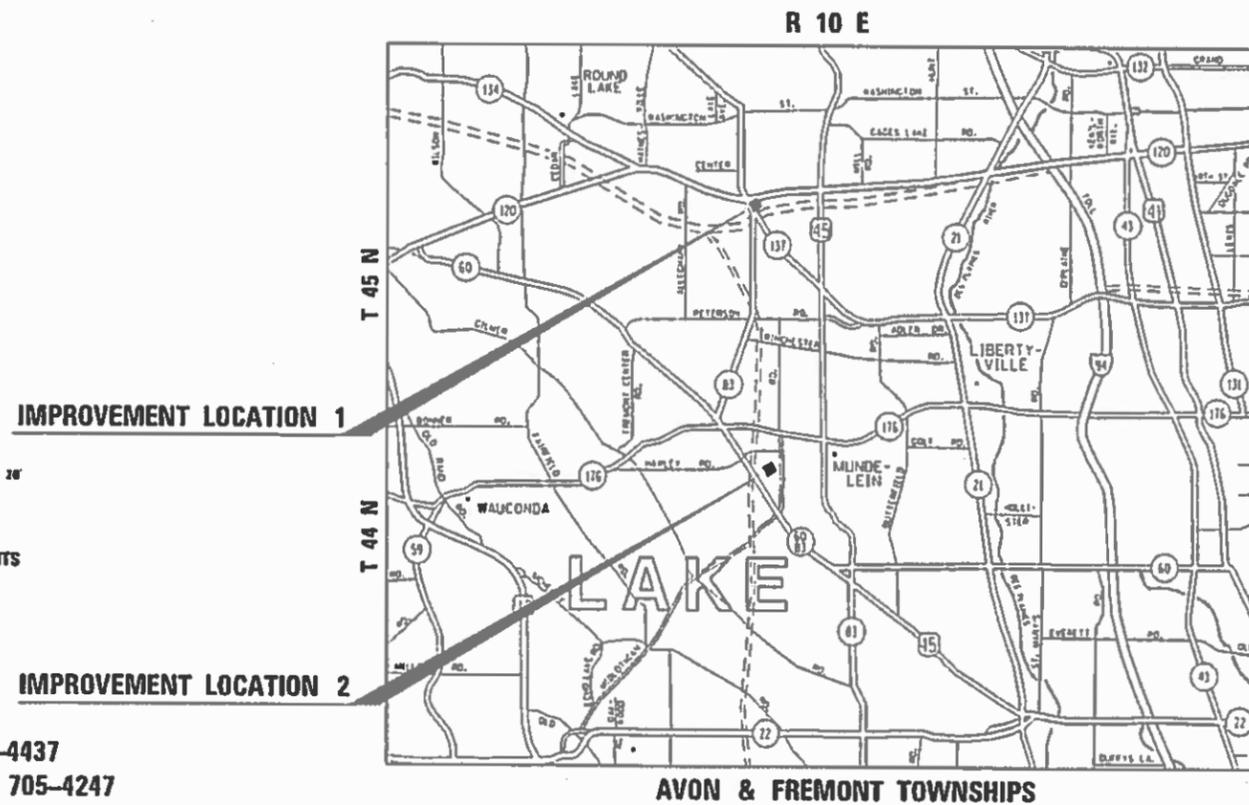


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: KARI SMITH (847) 705-4437
PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62H39



LOCATION 1
481 SOUTH IL ROUTE 83
GRAYSLAKE, IL 60030

LOCATION 2
1620 BRENTWOOD DRIVE
MUNDELEIN, IL 60060

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 4, 2018

Anthony J. Chynoweth / 10/3
Feb 19 2019 REGIONAL ENGINEER

Paul P. Chynoweth
Feb 19 2019 ENGINEER OF DESIGN AND ENVIRONMENT
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-6	BUILDING DEMOLITION PLAN
7-8	LANDSCAPING AND EROSION CONTROL PLAN
9	LANDSCAPING AND EROSION CONTROL SCHEDULE OF QUANTITIES
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12	UTILITY PLAN (FOR INFORMATION ONLY)
13	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
14	ARTERIAL ROAD INFORMATION SIGN (TC-22)

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901-08	TRAFFIC CONTROL DEVICES

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

THE CONTRACTOR AND THE RESIDENT ENGINEER SHALL CONTACT MIKE CULLIAN AT 847-705-4271 FROM THE BUREAU OF LAND ACQUISITION, AND THE VILLAGES OF GRAYSLAKE AND MUNDELEIN AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE VILLAGES OF GRAYSLAKE AND MUNDELEIN.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A DEMOLITION PERMIT FROM THE VILLAGES OF GRAYSLAKE AND MUNDELEIN AND COMPLY WITH ALL CONDITIONS OF THE DEMOLITION PERMIT.

THE CONTRACTOR WILL ALSO BE RESPONSIBLE TO MEET THE REQUIREMENTS OF LAKE COUNTY STORMWATER MANAGEMENT GENERAL CERTIFICATIONS FOR DEMOLITION OF A STRUCTURE IN A FLOOD PLAIN.

THE CONTRACTOR MUST CONTACT THE VILLAGES OF GRAYSLAKE AND MUNDELEIN FOR CORRESPONDING UTILITY DISCONNECTION REQUIREMENTS.

CONTRACTOR SHALL INSTALL "TRUCKS ENTERING AND LEAVING HIGHWAY" SIGNS, W21-I105 (MODIFIED) IN EACH DIRECTION ON ILLINOIS ROUTE 83 APPROACHING BUILDING DEMOLITION SITE. THESE SIGNS SHALL BE PAID AS TEMPORARY INFORMATION SIGNING.

DUST CONTROL FOR EACH SITE SHALL BE IN ACCORDANCE TO ARTICLE 107.36 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE CONTRACTOR SHALL SECURE ALL PERMITS SUCH AS DEMOLITION PERMITS AND PERMITS FOR DISCONNECTION OF UTILITIES PER ARTICLE 107.04 OF THE STANDARD SPECIFICATIONS FOR BRIDGE CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR PROCUREMENT OF PERMITS.

LOCATION 1 REQUIRES COMPLETE REMOVAL OF ALL UNDERGROUND UTILITIES (WATERMAIN, SANITARY, STORM SEWER, ELECTRIC, GAS, ETC.) INCLUDING PIPES, DRAINAGE, AND UTILITY STRUCTURES BETWEEN THE BUILDING AND MAINLINES.

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, LIST OF STATE STANDARDS & GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866/342	2018-108-DM	LAKE	14	2
CONTRACT NO. 62H39			ILLINOIS FED. AID PROJECT	

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		100 % STATE 0044 LOC 1	100 % STATE 0044 LOC 2			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	108	37	71			
20101000	TEMPORARY FENCE	FOOT	1118.5	734.2	384.3			
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	2163	1513	650			
25000200	SEEDING, CLASS 2	ACRE	0.45	0.32	0.13			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	41	29	12			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	41	29	12			
25100105	MULCH, METHOD 1	ACRE	0.45	0.32	0.13			
28000400	PERIMETER EROSION BARRIER	FOOT	928	528	400			
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	1443	1288	155			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	490	490				
44000600	SIDEWALK REMOVAL	SO FT	65		65			
55100400	STORM SEWER REMOVAL 10"	FOOT	93	93				
55100500	STORM SEWER REMOVAL 12"	FOOT	118	118				
60500050	REMOVING CATCH BASINS	EACH	3	3				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	80	55	25			

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		100 % STATE 0044 LOC 1	100 % STATE 0044 LOC 2			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	35	35				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1				
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1				
* 66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	3	3				
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3			
67100100	MOBILIZATION	L SUM	1	0.5	0.5			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5	0.5			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	0.5	0.5			
X0326694	PLUG EXISTING STORM SEWERS	CU YD	1	1				
X0840000	SANITARY SEWER REMOVAL 8"	FOOT	55	55				
X2010400	STUMP REMOVAL ONLY	UNIT	120	21	99			
X5010205	REMOVAL OF EXISTING STRUCTURE, SPECIAL	EACH	1	1				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 866/342	SECTION 2018-108-DM	COUNTY LAKE	TOTAL SHEETS 14	SHEET NO. 3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H39	

REV. - MS

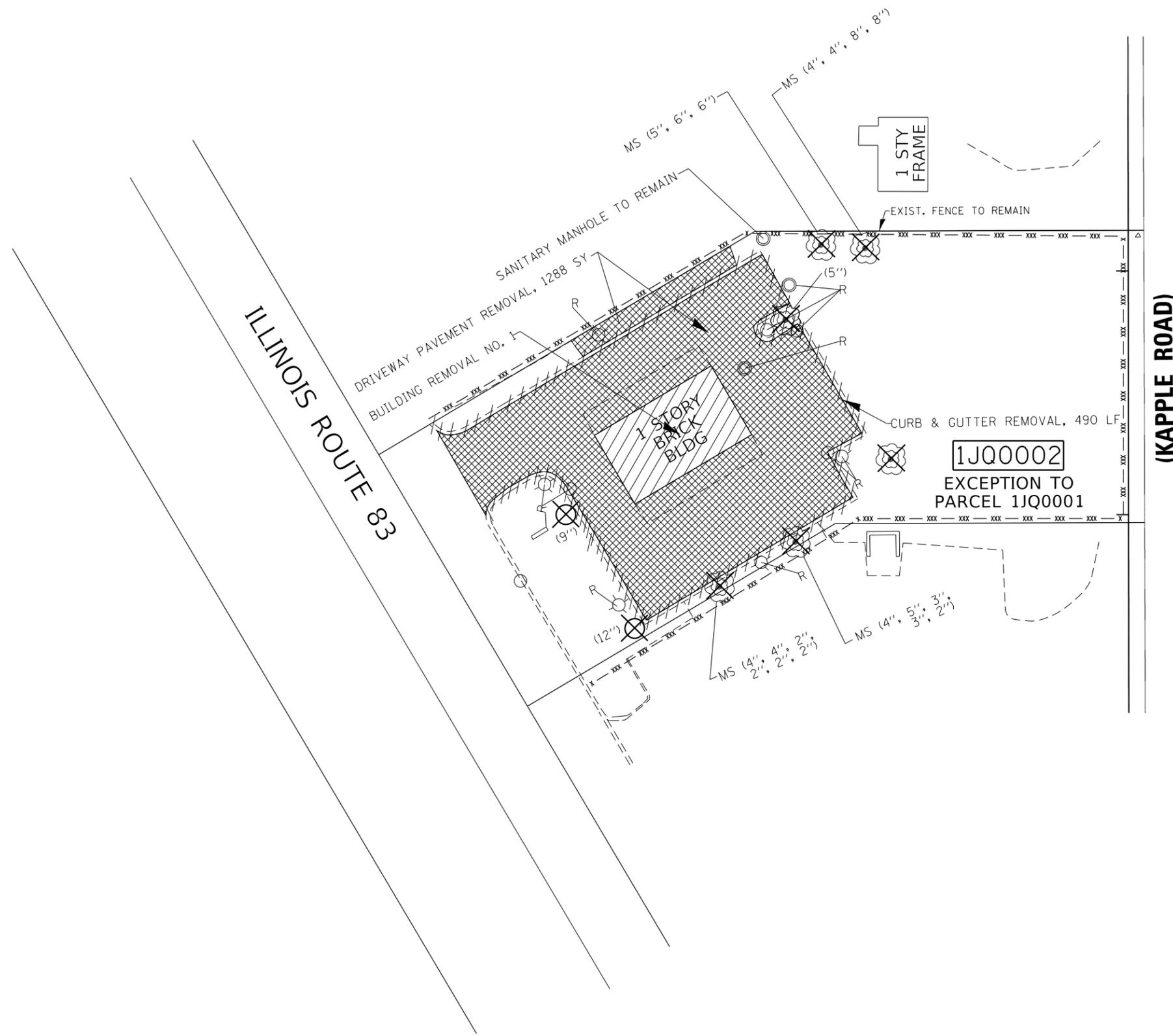


LEGEND

- BUILDING REMOVAL
- DRIVEWAY HMA / PCC PAVEMENT REMOVAL
- TREE REMOVAL
- CURB AND GUTTER & STORM SEWER REMOVAL
- R** - DRAINAGE STRUCTURE / FOUNDATION REMOVAL
- STUMP REMOVAL
- x — xxx — - TEMPORARY FENCE

NOTES

1. REMOVAL OF TREES LESS THAN 6 INCH, SHRUBS, BUSHES, SAPLINGS, WEEDS, STUMPS AND OTHER VEGETATION SHALL BE INCLUDED IN THE UNIT PRICE FOR SELECTIVE CLEARING.
2. THE CONTRACTOR'S VEHICLES, EQUIPMENT, AND OPERATIONS MAY NOT ENCROACH UPON THE IL ROUTE 83 TRAVELED WAY AT ANY TIME.
3. CONTRACTOR SHALL INSTALL "TRUCKS ENTERING AND LEAVING HIGHWAY" SIGNS, W21-I105 (MODIFIED) IN EACH DIRECTION ON ILLINOIS ROUTE 83 APPROACHING BUILDING DEMOLITION SITE. THESE SIGNS SHALL BE PAID AS TEMPORARY INFORMATION SIGNING.
4. REFER TO UTILITY PLAN (SHEET 12) FOR LOCATIONS OF EXISTING DRAINAGE AND UTILITY STRUCTURES AND PIPES TO BE REMOVED.



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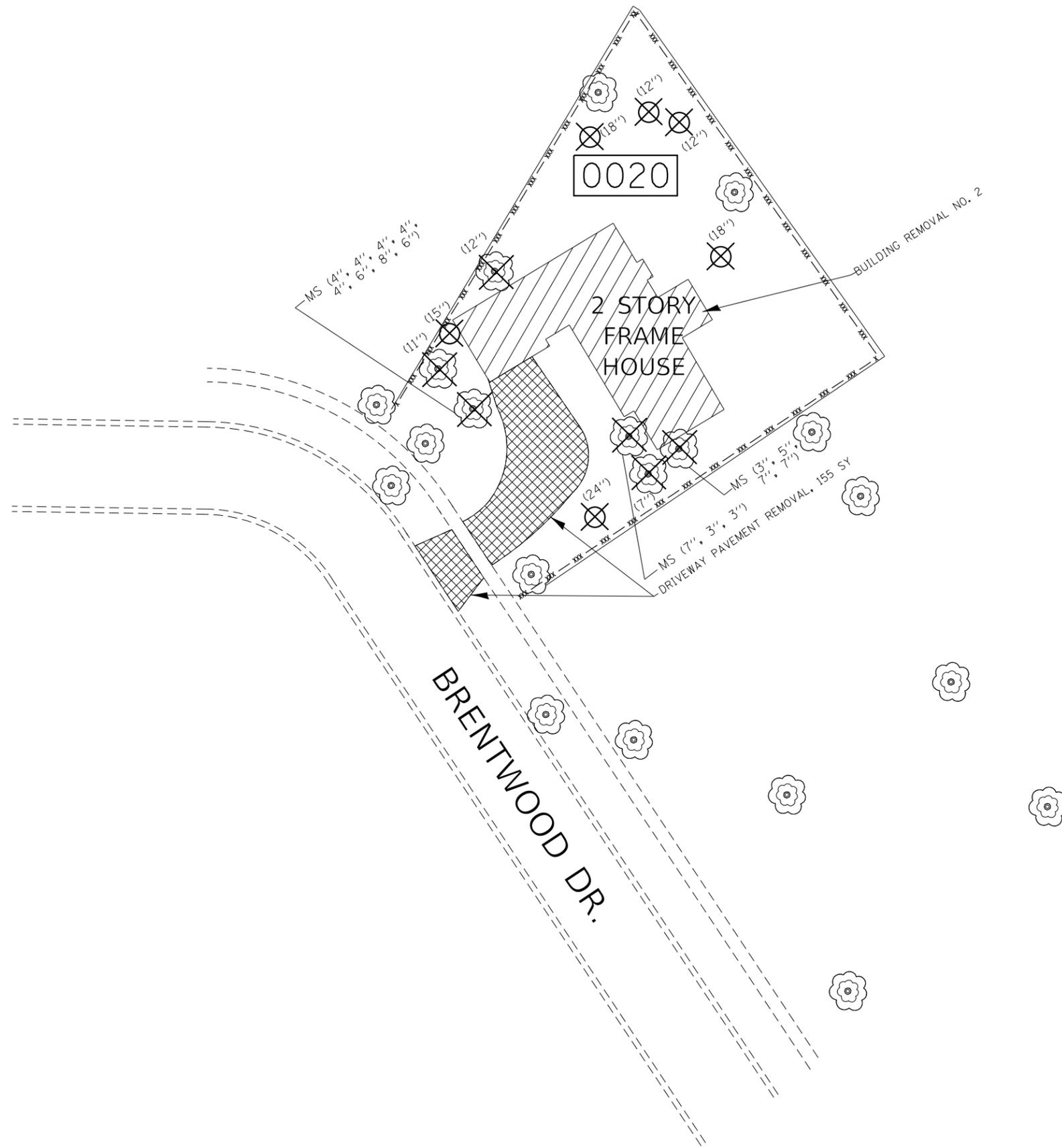
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUILDING DEMOLITION PLAN
481 SOUTH IL ROUTE 83, GRAYSLAKE, IL 60030 (LOCATION 1)

F.A.P. RTE. 866/342	SECTION 2018-108-DM	COUNTY LAKE	TOTAL SHEETS 14	SHEET NO. 5
CONTRACT NO. 62H39			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.



LEGEND

-  - BUILDING REMOVAL
-  - DRIVEWAY HMA / PCC PAVEMENT REMOVAL
-  - TREE REMOVAL
-  - CURB AND GUTTER & STORM SEWER REMOVAL
- R** - DRAINAGE STRUCTURE / FOUNDATION REMOVAL
-  - STUMP REMOVAL
- x — xxx — - TEMPORARY FENCE

NOTES

1. REMOVAL OF TREES LESS THAN 6 INCH, SHRUBS, BUSHES, SAPLINGS, WEEDS, STUMPS AND OTHER VEGETATION SHALL BE INCLUDED IN THE UNIT PRICE FOR SELECTIVE CLEARING.
2. THE CONTRACTOR'S VEHICLES, EQUIPMENT, AND OPERATIONS MAY NOT ENCR OACH UPON THE BRENTWOOD DRIVE TRAVELED WAY AT ANY TIME.
3. CONTRACTOR SHALL INSTALL "TRUCKS ENTERING AND LEAVING HIGHWAY" SIGNS, W21-1105 (MODIFIED) IN EACH DIRECTION ON ILLINOIS ROUTE 83 APPROACHING BUILDING DEMOLITION SITE. THESE SIGNS SHALL BE PAID AS TEMPORARY INFORMATION SIGNING.

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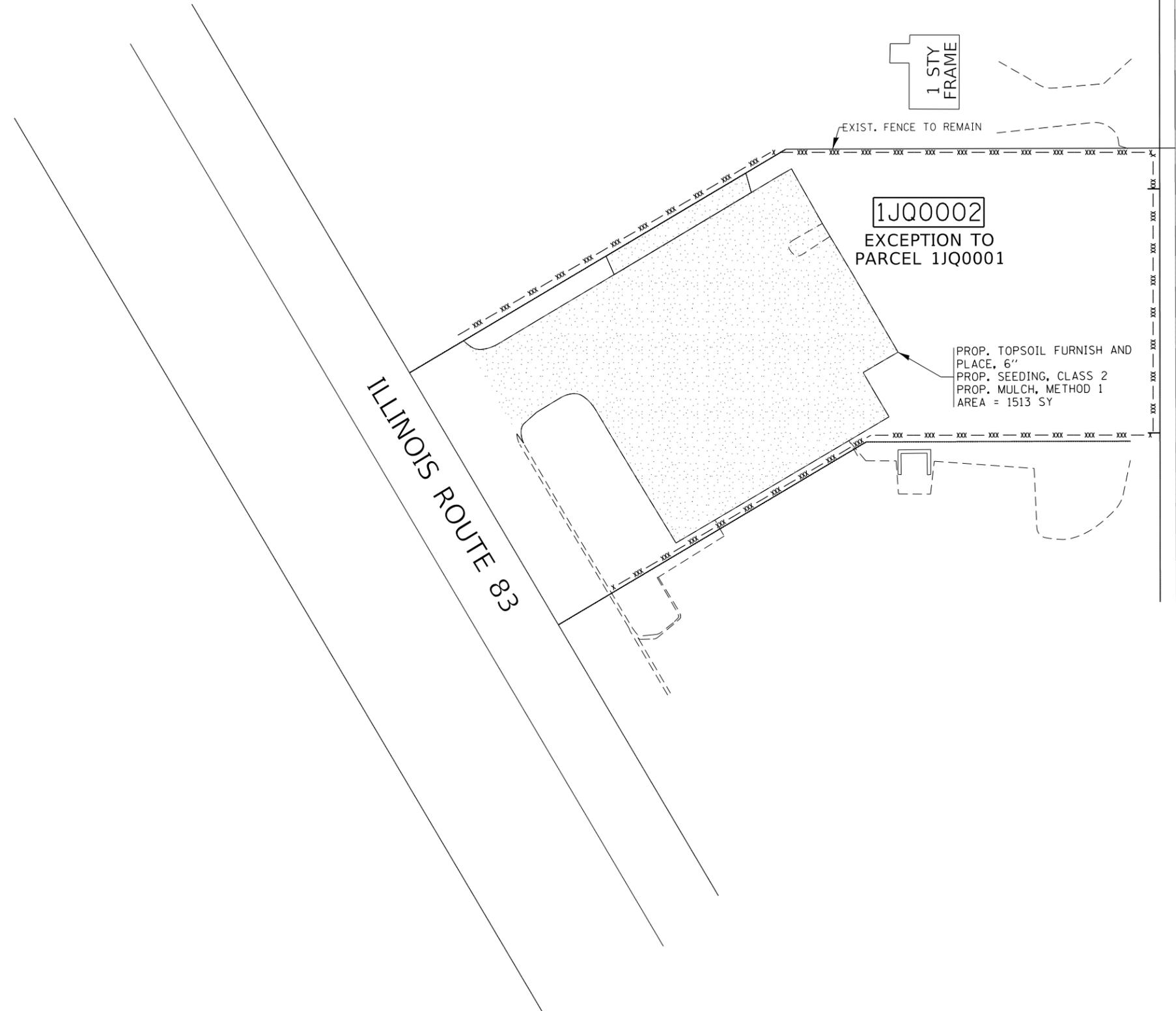
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUILDING DEMOLITION PLAN
1620 BRENTWOOD DRIVE, MUNDELEIN, IL 60060 (LOCATION 2)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 866/342	SECTION 2018-108-DM	COUNTY LAKE	TOTAL SHEETS 14	SHEET NO. 6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H39	



1 STY
FRAME

EXIST. FENCE TO REMAIN

1JQ0002
EXCEPTION TO
PARCEL 1JQ0001

PROP. TOPSOIL FURNISH AND
PLACE, 6"
PROP. SEEDING, CLASS 2
PROP. MULCH, METHOD 1
AREA = 1513 SY

ILLINOIS ROUTE 83

(KAPPLE ROAD)

LEGEND

- PROP. TOPSOIL FURNISH AND PLACE, 6"
- PROP. SEEDING, CLASS 2
- PROP. MULCH, METHOD 1
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE

EROSION CONTROL GENERAL NOTES

ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL MANUAL.

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.

SOIL EROSION AND SEDIMENTATION CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE.

TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN 14 CALENDAR DAYS OF THE END OF THE ACTIVE HYDRAULIC DISTURBANCE. PERMANENT STABILIZATION SHALL BE DONE WITHIN 14 DAYS AFTER COMPLETION OF THE FINAL GRADING OF THE SOIL.

ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.

ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION. THE OWNER WILL BE RESPONSIBLE IF EROSION CONTROL IS REQUIRED AFTER THE CONTRACTOR HAS COMPLETED THE PROJECT.

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.

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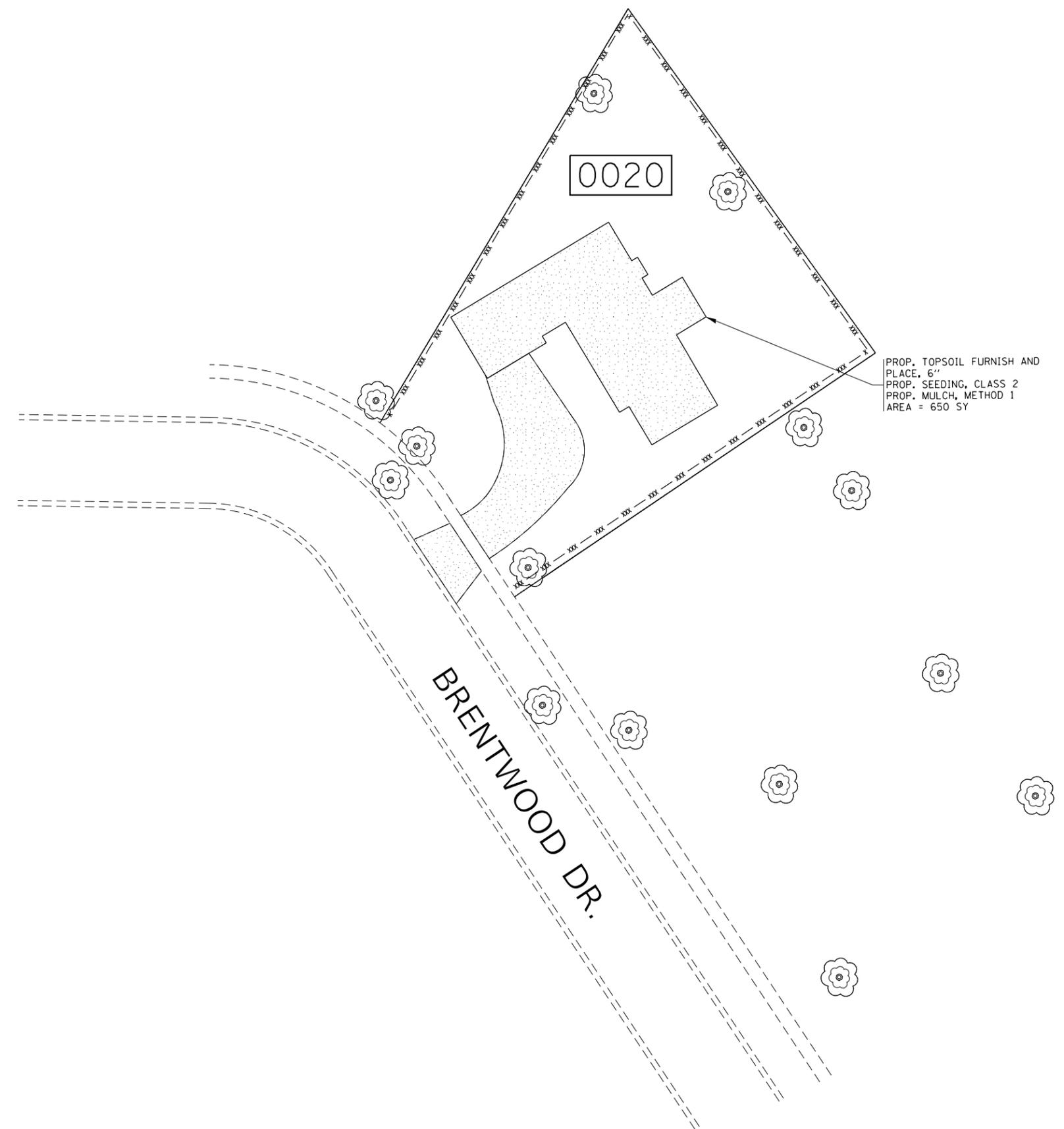
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING AND EROSION CONTROL PLAN
481 SOUTH IL ROUTE 83, GRAYSLAKE, IL 60030 (LOCATION 1)

F.A.P. RTE. 866/342	SECTION 2018-108-DM	COUNTY LAKE	TOTAL SHEETS 14	SHEET NO. 7
			CONTRACT NO. 62H39	
		ILLINOIS	FED. AID PROJECT	

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LEGEND

-  - PROP. TOPSOIL FURNISH AND PLACE, 6"
-  - PROP. SEEDING, CLASS 2
-  - PROP. MULCH, METHOD 1
-  - PERIMETER EROSION BARRIER
-  - TEMPORARY FENCE

EROSION CONTROL GENERAL NOTES

ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL MANUAL.

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.

SOIL EROSION AND SEDIMENTATION CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE.

TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN 14 CALENDAR DAYS OF THE END OF THE ACTIVE HYDRAULIC DISTURBANCE. PERMANENT STABILIZATION SHALL BE DONE WITHIN 14 DAYS AFTER COMPLETION OF THE FINAL GRADING OF THE SOIL.

ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.

ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION. THE OWNER WILL BE RESPONSIBLE IF EROSION CONTROL IS REQUIRED AFTER THE CONTRACTOR HAS COMPLETED THE PROJECT.

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.

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPING AND EROSION CONTROL PLAN
1620 BRENTWOOD DRIVE, MUNDELEIN, IL 60060 (LOCATION 2)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 866/342	SECTION 2018-108-DM	COUNTY LAKE	TOTAL SHEETS 14	SHEET NO. 8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H39	

LANDSCAPING AND EROSION CONTROL SCHEDULE OF QUANTITIES

LOCATION	TOPSOIL FURNISH & PLACE, 6" (SQ YD)	SEEDING, CLASS 2 (ACRE)	MULCH, METHOD 1 (ACRE)	PERIMETER EROSION BARRIER (LF)
LOCATION #1: 481 SOUTH IL ROUTE 83, GRAYSLAKE, IL 60030	1513	0.32	0.32	528
LOCATION #2: 1620 BRENTWOOD DRIVE, MUNDELEIN, IL, 60060	650	0.13	0.08	400
TOTAL	2,163	0.45	0.45	928

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				SCALE: SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 62H39				
ILLINOIS FED. AID PROJECT									

PART OF THE NE 1/4 OF SECTION 26, T.44N, R.10E. OF THE 3rd. P.M., LAKE COUNTY, ILLINOIS

SEE LOWER RIGHT FOR CONTINUATION

LEGEND

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

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OR 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 WILL }
 THIS IS TO CERTIFY THAT I, TERRENCE P. RUETTIGER, AN ILLINOIS REGISTERED LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 44 NORTH, RANGE 10 EAST

OF THE THIRD PRINCIPAL MERIDIAN, OF THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT MATERIAL 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, THIS 18th DAY OF MAY 1989 A.D.

TERRENCE P. RUETTIGER
 ILLINOIS REGISTERED LAND SURVEYOR NO. 2377



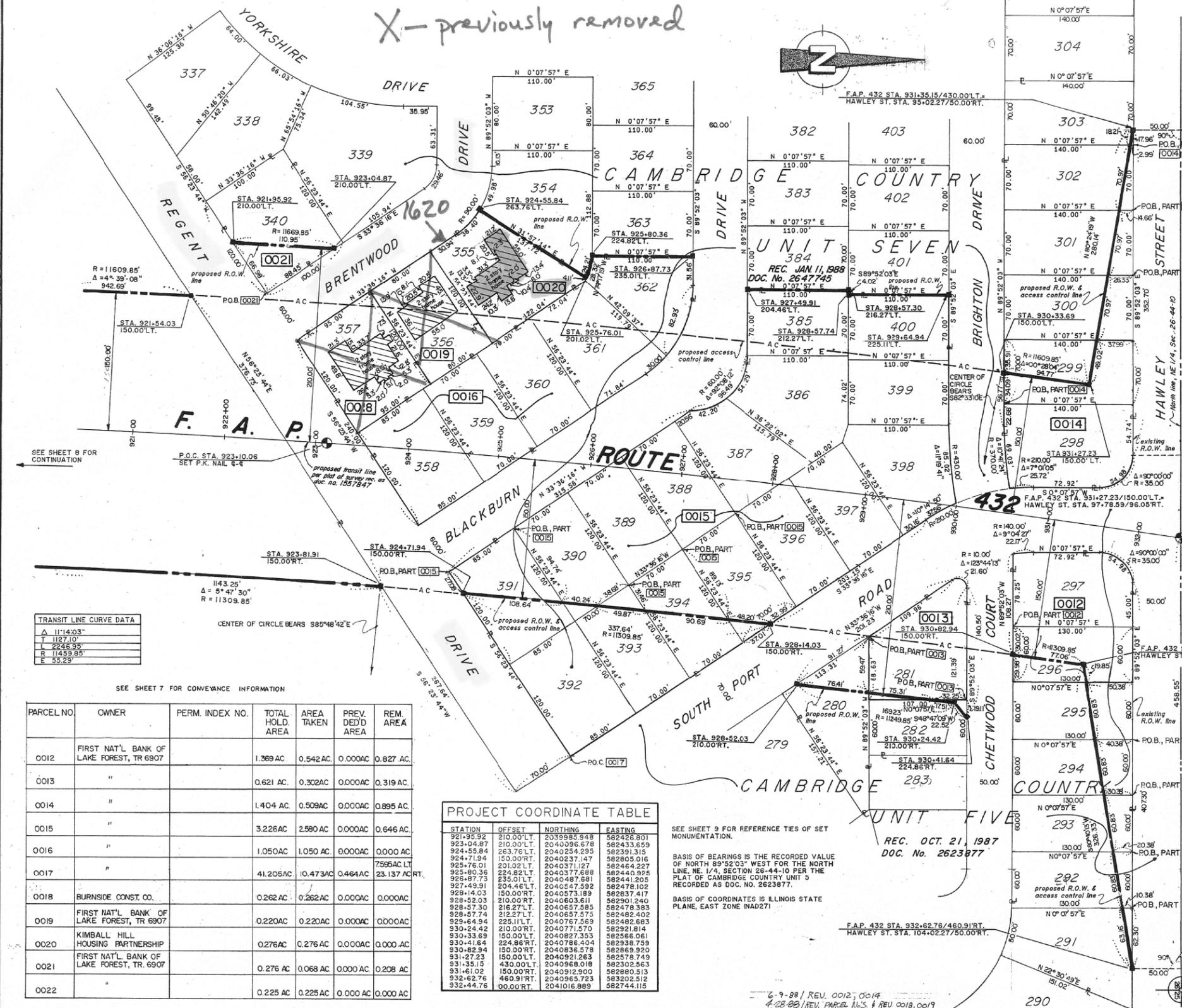
RUETTIGER - TONELLI & ASSOCIATES, INC.
 LAND SURVEYORS - ENGINEERS - CONSULTANTS
 300 N. OTTAWA ST.
 JOLIET, ILLINOIS 60431
 PH. (815) 727-4988

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.P. 432 (IL. ROUTE 53)
 SECTION 49-3 LAKE COUNTY
 PROJECT JOB NO. R-91-027-00
 STATION 921+00 TO STATION 933+00
 SCALE: 1" = 50' SHEET 6 OF 9

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

AS DOCUMENT NO.



TRANSIT LINE CURVE DATA

Δ	11°14.03'
T	1127.10'
L	2243.35'
R	11453.85'
E	55.29'

SEE SHEET 7 FOR CONVEYANCE INFORMATION

PARCEL NO.	OWNER	PERM. INDEX NO.	TOTAL HOLD. AREA	AREA TAKEN	PREV. DEED AREA	REM. AREA
0012	FIRST NAT'L BANK OF LAKE FOREST, TR 6907		1.369 AC.	0.542 AC.	0.000 AC.	0.827 AC.
0013	"		0.621 AC.	0.302 AC.	0.000 AC.	0.319 AC.
0014	"		1.404 AC.	0.509 AC.	0.000 AC.	0.895 AC.
0015	"		3.226 AC.	2.580 AC.	0.000 AC.	0.646 AC.
0016	"		1.050 AC.	1.050 AC.	0.000 AC.	0.000 AC.
0017	"		41.205 AC.	10.473 AC.	0.464 AC.	23.137 AC.
0018	BURNSIDE CONST. CO.		0.262 AC.	0.262 AC.	0.000 AC.	0.000 AC.
0019	FIRST NAT'L BANK OF LAKE FOREST, TR 6907		0.220 AC.	0.220 AC.	0.000 AC.	0.000 AC.
0020	KIMBALL HILL HOUSING PARTNERSHIP		0.276 AC.	0.276 AC.	0.000 AC.	0.000 AC.
0021	FIRST NAT'L BANK OF LAKE FOREST, TR. 6907		0.276 AC.	0.068 AC.	0.000 AC.	0.208 AC.
0022	"		0.225 AC.	0.225 AC.	0.000 AC.	0.000 AC.

PROJECT COORDINATE TABLE

STATION	OFFSET	NORTHING	EASTING
921+35.92	210.00'L.T.	2035985.948	582425.801
923-04.87	210.00'L.T.	2040096.678	582433.659
924-55.84	263.76'L.T.	2040254.295	582391.315
924-71.94	150.00'RT.	2040237.147	582605.016
925-76.01	201.02'L.T.	2040377.688	582464.227
925-80.36	224.82'L.T.	2040377.688	582440.925
925-87.73	235.01'L.T.	2040487.681	582441.205
927-69.91	204.46'L.T.	204057.592	582478.102
929-14.03	150.00'RT.	2040573.199	582837.417
928-52.03	210.00'RT.	2040603.611	582901.240
928-57.30	216.27'L.T.	2040657.585	582478.383
928-57.74	212.27'L.T.	2040657.575	582482.402
929-64.94	225.11'L.T.	2040767.569	582482.683
930-24.42	150.00'RT.	2040771.570	582921.814
930-33.69	150.00'L.T.	2040827.353	582556.061
930-41.64	224.86'RT.	2040786.404	582338.739
930-82.94	150.00'RT.	2040838.578	582669.920
931-27.23	430.00'L.T.	2040968.018	582302.563
931-35.15	150.00'RT.	2040912.900	582680.513
931-61.02	460.91'RT.	2040965.723	583202.512
932-44.76	90.00'RT.	2041016.989	582744.115

SEE SHEET 9 FOR REFERENCE TIES OF SET MONUMENTATION.

BASIS OF BEARINGS IS THE RECORDED VALUE OF NORTH 89°52'03" WEST FOR THE NORTH LINE, NE 1/4, SECTION 26-44-10 PER THE PLAT OF CAMBRIDGE COUNTRY UNIT 5 RECORDED AS DOC. NO. 2623877.

BASIS OF COORDINATES IS ILLINOIS STATE PLANE, EAST ZONE (NAD27)

REC. OCT. 21, 1987
 DOC. NO. 2623877

F.A.P. 432 STA. 932+62.76/460.91'RT.
 HAWLEY ST. STA. 104+02.27/50.00'RT.

6-9-88 / REV. 0012, 0014
 4-28-89 / REV. PARCEL LINES & REV. 0018, 0019
 REVISION DATE 4-20-88 / ADDED PARCELS 0007, 0008, 0009

F.A.P. 432 (IL. RTE. 53)

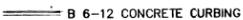
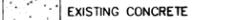
LAKE COUNTY

R- 91- 027- 00

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USER NAME = DFEKXV	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAT OF HIGHWAYS (FOR INFORMATION USE ONLY) 1620 BRENTWOOD DRIVE, MUNDELEIN, IL 60060 (LOCATION 2)		F.A.P. RTE. 342	SECTION 2018-108-DM	COUNTY LAKE	TOTAL SHEETS 14	SHEET 11
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 62H39		
PLOT DATE = 12/20/2018	DATE -	REVISED -									

LEGEND

- C&G = CURB & GUTTER
- CONC = CONCRETE
- DEP = DEPRESSED
- R&R = REMOVE AND REPLACE
-  6-12 CONCRETE CURBING
-  DEPRESSED CURB
-  EXISTING CONCRETE
-  PROPOSED CONCRETE
-  PROPOSED PAVEMENT

TOPOGRAPHY PREPARED BY:

TFW SURVEYING & MAPPING INC

LAND SURVEYING • TOPOGRAPHIC MAPPING • CONSTRUCTION LAYOUT
 888 EAST BELVIDERE ROAD • SUITE 413 • GRAYSLAKE, ILLINOIS 60030
 847-548-6600 FAX 548-6699

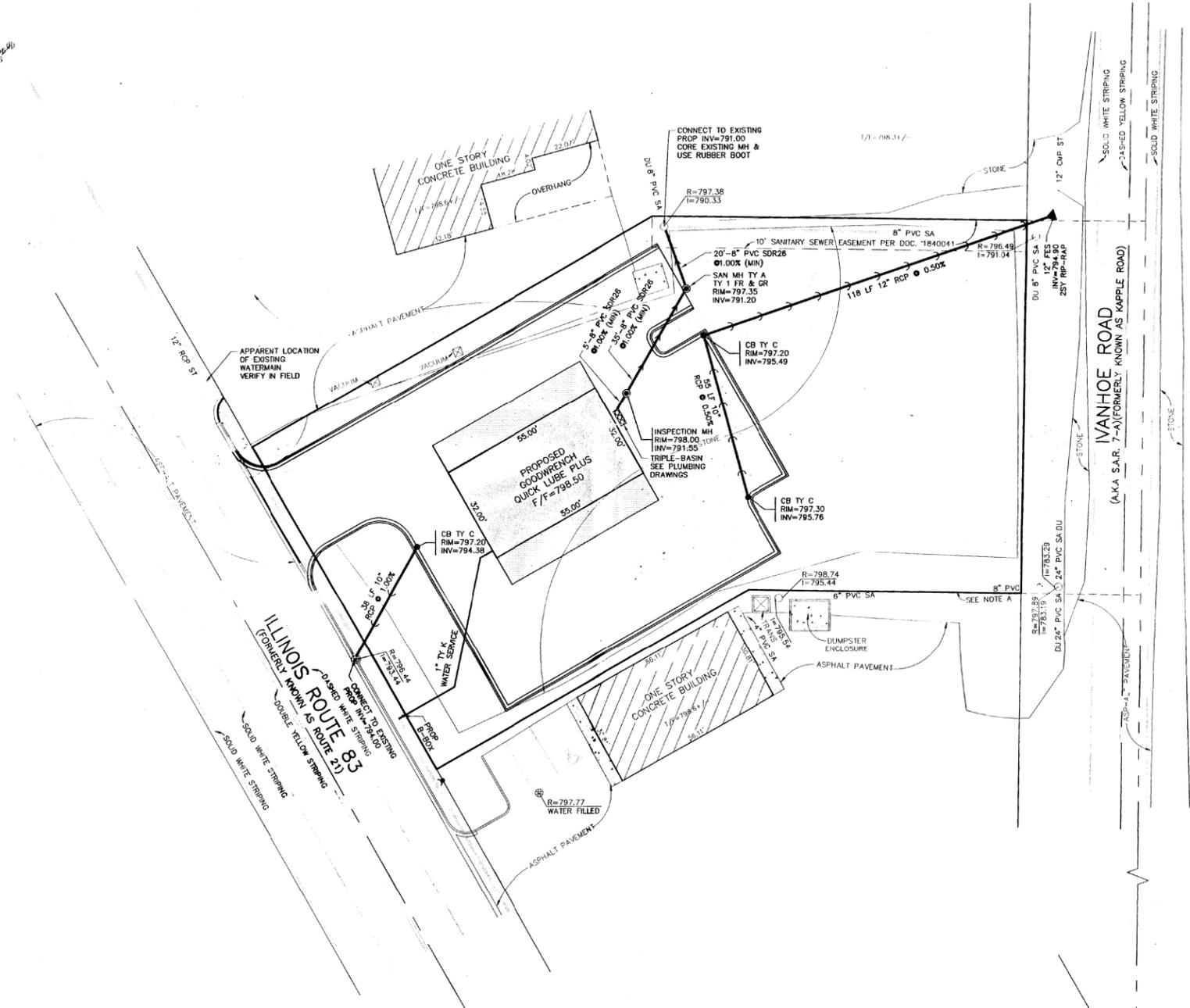
REVISIONS		DESCRIPTION
NO.	DATE	BY
1	08/03/06	JPM
2	07/20/06	JPM
		PER VILLAGE AND BOB REVIEW PER VILLAGE REVIEW

SEAL
 P. MEIER
 LICENSED PROFESSIONAL ENGINEER
 STATE OF ILLINOIS
 0245151
 EXPIRES 11/30/06

GREAT LAKES ENGINEERING COMPANY, LLC
 888 E. Belvidere Road, suite 409, Grayslake, Illinois 60030
 847-548-3700 fax 847-548-3914
 Email: info@greatlakesengineering.com

DATE	DECEMBER, 2004
DRAWN BY	TLS
CHECKED BY	JPM
PROJECT NUMBER	1103
SCALE	1"=20'
PROJECT NAME	GOODWRENCH QUICK LUBE PLUS
DRAWING NUMBER	044555
SHEET NUMBER	C-4

BT111M.dwg
 R=793.60
 I=790.26



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 PLOT DATE: 12/20/2018

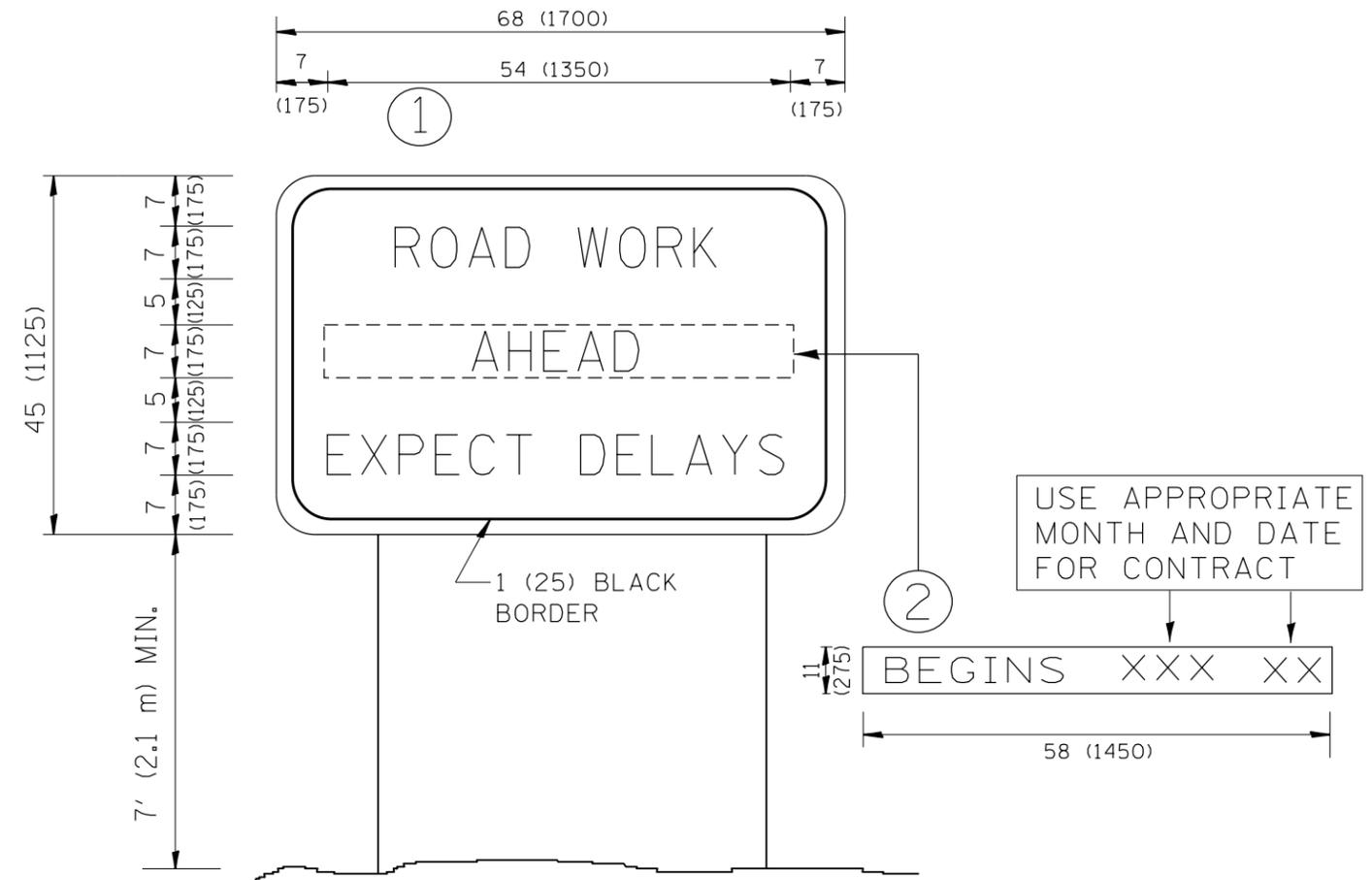
USER NAME	= DEFEVX	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISED	-
PLOT SCALE	= 100.0000' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 12/20/2018	DATE	-	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**UTILITY PLAN (FOR INFORMATION USE ONLY)
 481 SOUTH IL ROUTE 83, GRAYSCALE, IL 60030 (LOCATION 1)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866/342	2018-108-DM	LAKE	14	12
CONTRACT NO. 62H39				
ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = DEFEVY	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.P. RTE. 866/342	SECTION 208-108-DM	COUNTY LAKE	TOTAL SHEETS 14	SHEET NO. 14	
p:\11\084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\11044\Drawings\Design\DistStd.dgn		CHECKED -	REVISED - T. RAMMACHER 02-02-99			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-22	CONTRACT NO. 62H39
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED - C. JUCIUS 01-31-07			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
PLOT DATE = 12/20/2018											