

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	2019 132 DM&T	LAKE	25	1
		ILLINOIS	CONTRACT NO. 62K05	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED IN THE VILLAGE LONG GROVE AND THE VILLAGE OF KILDEER

# PROPOSED HIGHWAY PLANS

FAP ROUTE 337: IL ROUTE 22  
WEST OF IL ROUTE 83 (MUNDELEIN RD)  
(4316 WILLOWBROOK RD, LONG GROVE)  
SECTION 2019-132-DM&T  
PROJECT NHPP-RLIB(576)  
BUILDING DEMOLITION, CULVERT REPAIR  
LAKE COUNTY

C-91-061-20

TRAFFIC DATA:

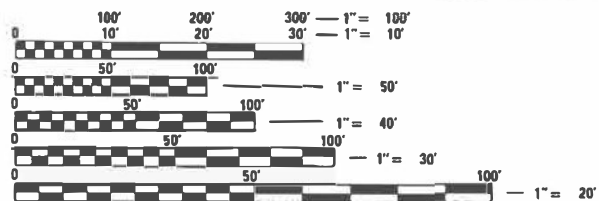
2021 ADT - 15,800

SPEED LIMIT - 45 MPH  
(OLD MCHENRY RD TO IL 83)



*By David H. K.*  
For Sheets 12-16

BUILDING DEMOLITION & CULVERT REPAIR LOCATION

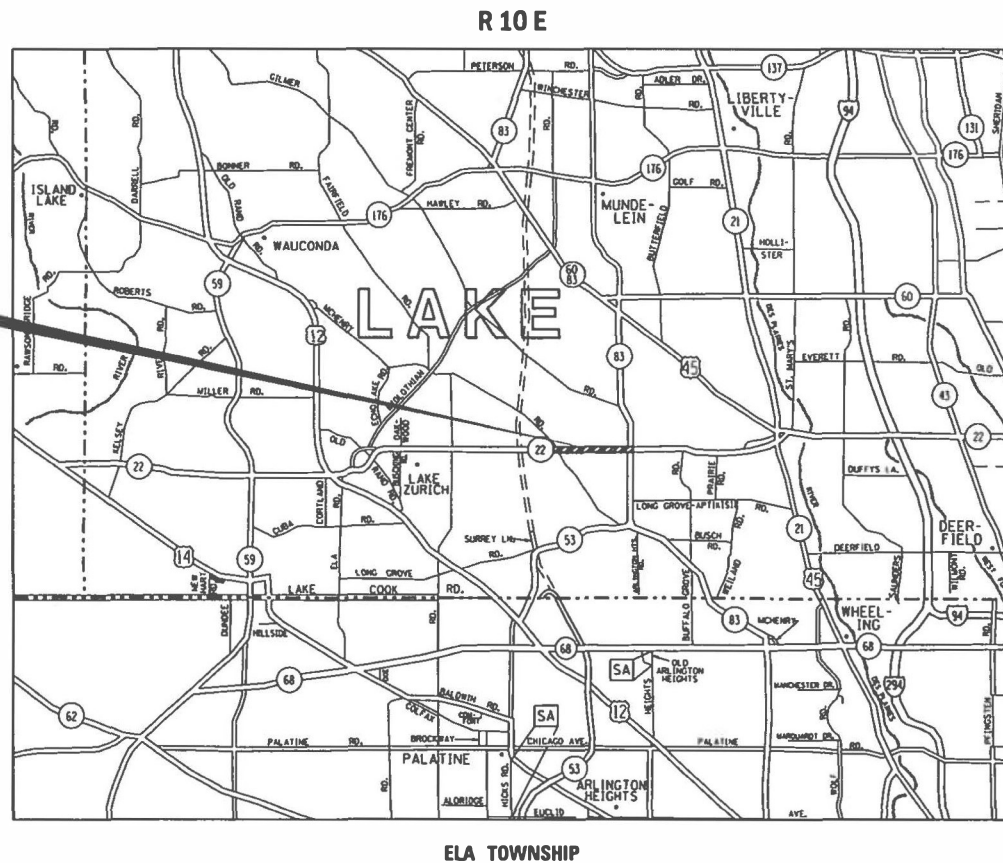


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: DANIEL WILGREEN, P.E. (847) 705-4240  
PROJECT MANAGER: FAWAD AQUEEL, P.E.

CONTRACT NO. 62K05



LOCATION MAP (NOT TO SCALE)

LOCATION 1  
20495 W IL ROUTE 22  
Kildeer, IL 60047

LOCATION 2  
20365 W IL ROUTE 22  
Kildeer, IL 60047

LOCATION 3  
4316 WILLOWBROOK RD  
LONG GROVE, IL 60047

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 20 20 23

*Joan Rivolo* REGIONAL ENGINEER

May 12, 2023 *Steph A. Etk*  
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2023 *Steph M. A. Etk*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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## INDEX OF SHEETS

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25	ARTERIAL ROAD INFORMATION SIGN (TC-22)

## HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	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
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701901-08	TRAFFIC CONTROL DEVICES

## COMMITMENTS

FIELD REPRESENTATIVE JOHN C. NELSON FROM THE ILLINOIS NATURE PRESERVES COMMISSION SHALL BE NOTIFIED AT THE COMMENCEMENT OF PROJECT (815-529-5670) AND SHALL BE NOTIFIED IMMEDIATELY OF ANY CONCERN REGARDING THE NATURE PRESERVE AS THE PROJECT PROCEEDS.

THE DESIGNER SHALL EXPLAIN THE NATURE PRESERVE SITE TO THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING.

THE CONTRACTOR SHALL BE AWARE OF THE NATURE PRESERVE BOUNDARY AND THE LEGAL PROTECTIONS IN PLACE. AS SUCH, THE CONTRACTOR SHALL MONITOR CONSTRUCTION ACTIVITIES TO ASSURE NO CHANGE TO EASTERN PRAIRIE FRINGED ORCHID NATURE PRESERVE INCLUDING CHANGE TO HYDRAULIC PROPERTIES. ALL MEASURE OF EROSION CONTROL SHALL BE IMPLEMENTED AND DILIGENTLY MONITORED SUCH THAT NO EROSION OCCURS TO OR FROM NATURE PRESERVE AND TO THE EXTENT POSSIBLE, MINIMIZE SEDIMENTATION TO THE NATURE PRESERVE. NO EQUIPMENT SHALL BE STAGED AT THE NATURE PRESERVE AND THE CONTRACTOR SHALL POWER WASH EQUIPMENT PRIOR TO THE TRANSPORT TO THE NATURE PRESERVE SITE OR USE ANOTHER ACCEPTABLE MEANS TO PREVENT TRANSFER OF NON-NATIVE INVASIVE SPECIES TO THE NATURE PRESERVE SITE.

"WETLAND NO INTRUSION" SIGNAGE SHOULD BE PROVIDED AT THE BOUNDARY OF ALL UNIMPACTED WETLANDS AND/OR WOUS.

AT NO TIME SHALL THE CONTRACTOR ENTER OF WORK ANY AREA BEYOND THE INSTALLED NO-INTRUSION TEMPORARY CONSTRUCTION FENCING UNLESS DIRECTED BY THE ENGINEER.

THE NO-INTRUSION CONSTRUCTION FENCING SHALL BE DELINEATED IN THE FIELD PRIOR TO ANY CONSTRUCTION ACTIVITIES BY A QUALIFIED PERSON AND APPROVED BY THE ENGINEER.

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ALYCIA KLUENENBERG OF HUFF & HUFF, INC. AT 630-684-4412.

## 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 OR CHRIS MUELLER AT (847) 705-4294 FROM THE BUREAU OF LAND ACQUISITION PRIOR TO CONSTRUCTION ACTIVITIES.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGE OF KILDEER, AND THE VILLAGE OF LONG GROVE, IL.

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 VILLAGE OR CITY WHERE THE DEMOLITION WILL TAKE PLACE AND COMPLY WITH ALL CONDITIONS OF THE DEMOLITION PERMIT. COST INCLUDED IN THE COST OF BUILDING DEMOLITION.

THE CONTRACTOR MUST CONTACT THE APPROPRIATE VILLAGE OR CITY FOR CORRESPONDING UTILITY DISCONNECTION REQUIREMENTS.

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

THE REMOVAL OF ALL UNDERGROUND UTILITIES (WATER MAIN, SANITARY, STORM SEWER, ELECTRIC, GAS, ETC.), INCLUDING PIPES, DRAINAGE AND UTILITY STRUCTURES AND HYDRANTS BETWEEN THE BUILDING AND THE MAIN LINES SHALL BE PAID FOR ACCORDING TO THE SECTION 109.04 OF THE STANDARD SPECIFICATIONS.

ALL EXCAVATED MATERIAL IS TO REMAIN ON-SITE UNLESS THE EXCAVATED SOILS ENVIRONMENTAL CONDITION DEEMS IT NECESSARY TO BE REMOVED FROM SITE.

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.

THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE ACCESS PATHS TO THE DEMOLITION AREAS AT ALL TIMES.

THE PRESENCE OF EXISTING OR ABANDONED WELLS AND SEPTIC TANKS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR. IF THE PRESENCE IS CONFIRMED ABANDONED WATER WELLS SHALL BE SEALED AND EXISTING SEPTIC TANKS SHALL BE REMOVED.

PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE SHALL BE PROVIDED IN THE DESIGNATED AREA. WORK WILL BE ACCORDING TO ARTICLES 201.05(C) AND 201.10(C)(3).

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

**BUILDING DEMOLITION**  
**INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

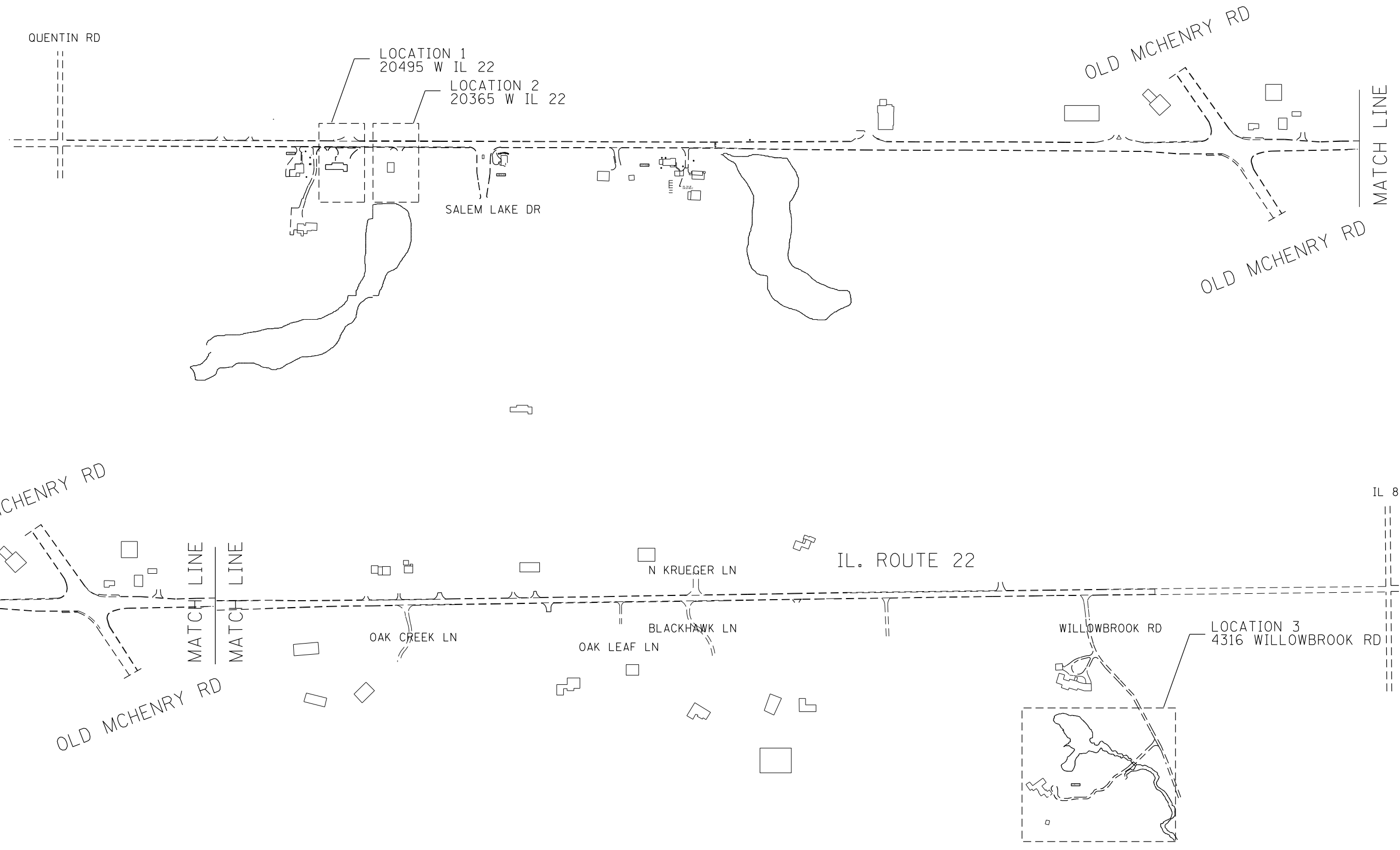
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	2019-132-DM&T	LAKE	25	2
CONTRACT NO. 62K05				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		80% FED 20% STATE BUILDING DEMO 044 (LOC 1)	80% FED 20% STATE BUILDING DEMO 044 (LOC 2)	80% FED 20% STATE BUILDING DEMO 044 (LOC 3)	80% FED 20% STATE BOX CULVERT 0004 (LOC 3)
20101000	TEMPORARY FENCE	FOOT	1667	468	464	565	170
20700220	POROUS GRANULAR EMBANKMENT	CU YD	14				14
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5588	1527	1476	2175	410
25000110	SEEDING, CLASS 1A	ACRE	1.08	0.32	0.31	0.45	
25000115	SEEDING, CLASS 1B	ACRE	1.09	0.32	0.31	0.45	0.01
25000314	SEEDING, CLASS 4B	ACRE	1.15	0.32	0.31	0.45	0.07
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	71	19	18	27	7
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	71	19	18	27	7
25100105	MULCH, METHOD 1	ACRE	1.08	0.32	0.31	0.45	
25100630	EROSION CONTROL BLANKET	SQ YD	5588	1527	1476	2175	410
28000305	TEMPORARY DITCH CHECKS	FOOT	20				20
28000400	PERIMETER EROSION BARRIER	FOOT	1883	468	464	565	386
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	5				5
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	878	98	141	639	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	2				2
* SPECIALTY ITEM							

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		80% FED 20% STATE BUILDING DEMO 044 (LOC 1)	80% FED 20% STATE BUILDING DEMO 044 (LOC 2)	80% FED 20% STATE BUILDING DEMO 044 (LOC 3)	80% FED 20% STATE BOX CULVERT 0004 (LOC 3)
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	14				14
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2				2
54010804	PRECAST CONCRETE BOX CULVERTS 8' X 4'	FOOT	12				12
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	55				55
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1				1
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1				1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1				1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	20				20
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25
67201000	SEALING ABANDONED WATER WELLS	EACH	1			1	
X0488100	REMOVING EXISTING SEPTIC TANK	EACH	1			1	
X0900075	COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK)	EACH	1			1	
X2010400	STUMP REMOVAL ONLY	UNIT	433	30	30	76	297



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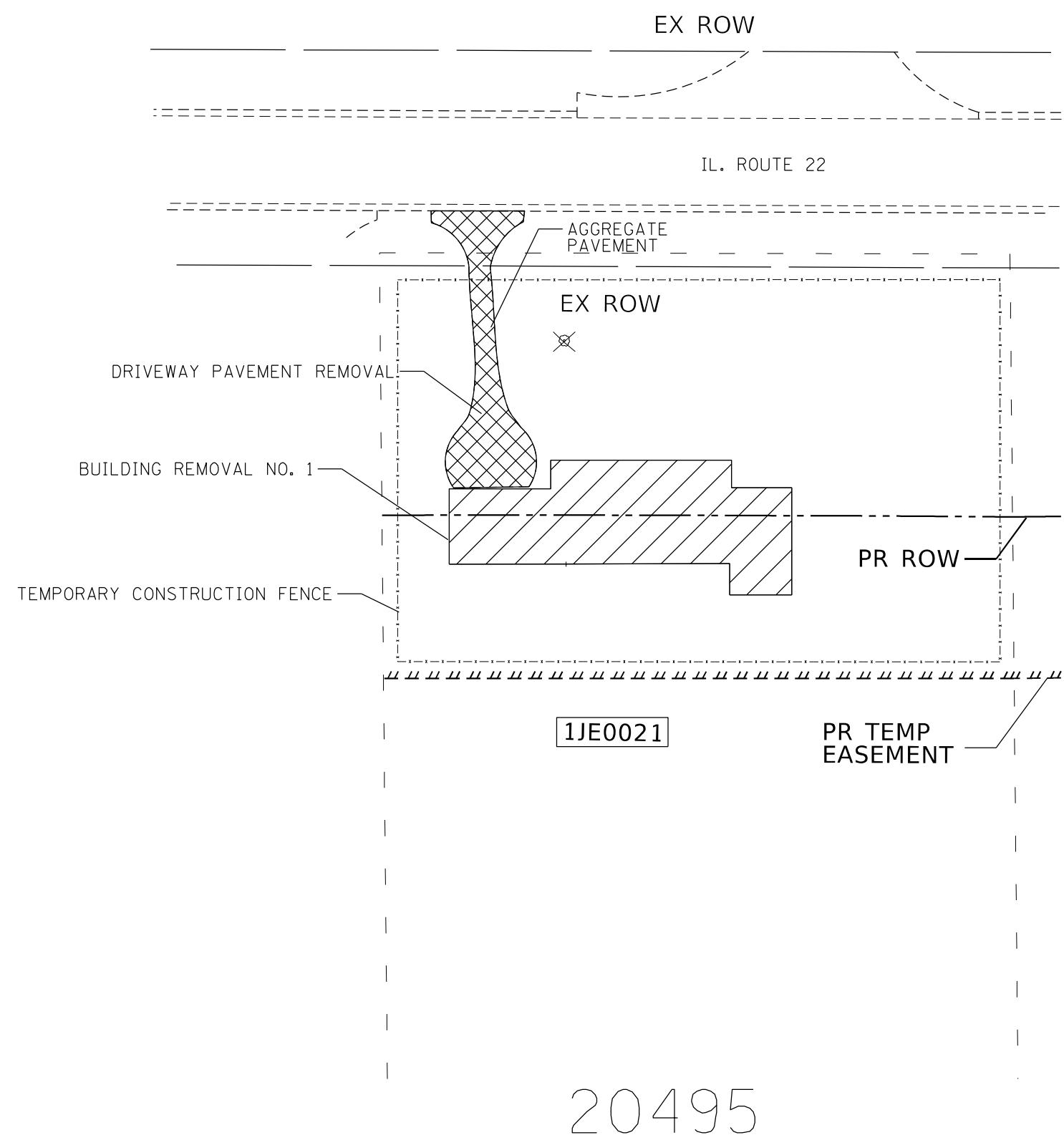
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>BUILDING DEMOLITION</b>			
<b>LOCATION MAP</b>			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 337	SECTION 2019-132-DM&T	COUNTY LAKE	TOTAL SHEETS 25	SHEET NO. 5
CONTRACT NO. 62K05				
ILLINOIS FED. AID PROJECT				

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 USER: michelle.aquino



**LEGEND**

- BUILDING REMOVAL
- DRIVEWAY PAVEMENT REMOVAL/GRAVEL REMOVAL
- TEMPORARY CONSTRUCTION FENCE
- STUMP REMOVAL ONLY

**NOTES**

1. THE COST FOR REMOVAL OF SHRUBS, BUSHES, SAPLINGS, WEEDS, STUMPS AND OTHER VEGETATION OR OBSTRUCTIONS ALONG THE FOUNDATIONS OF THE BUILDING IS INCLUDED IN THE BUILDING REMOVAL.
2. THE CONTRACTOR'S VEHICLES, EQUIPMENT, AND OPERATIONS MAY NOT ENCR OACH UPON THE IL ROUTE 22 TRAVELED AT ANY TIME.
3. CONTRACTOR SHALL INSTALL "TRUCKS ENTERING AND LEAVING HIGHWAY" SIGNS, W21-1105 (MODIFIED) IN EACH DIRECTION ILLINOIS ROUTE 22 APPROACHING BUILDING DEMOLITION SITE. THESE SIGNS SHALL BE PAID AS TEMPORARY INFORMATION SIGNING.
4. LOCATIONS OF THE TREE STUMP REMOVAL AND OF THE TEMPORARY CONSTRUCTION FENCE SHALL BE DETERMINED AND APPROVED IN THE FIELD BY THE ENGINEER.

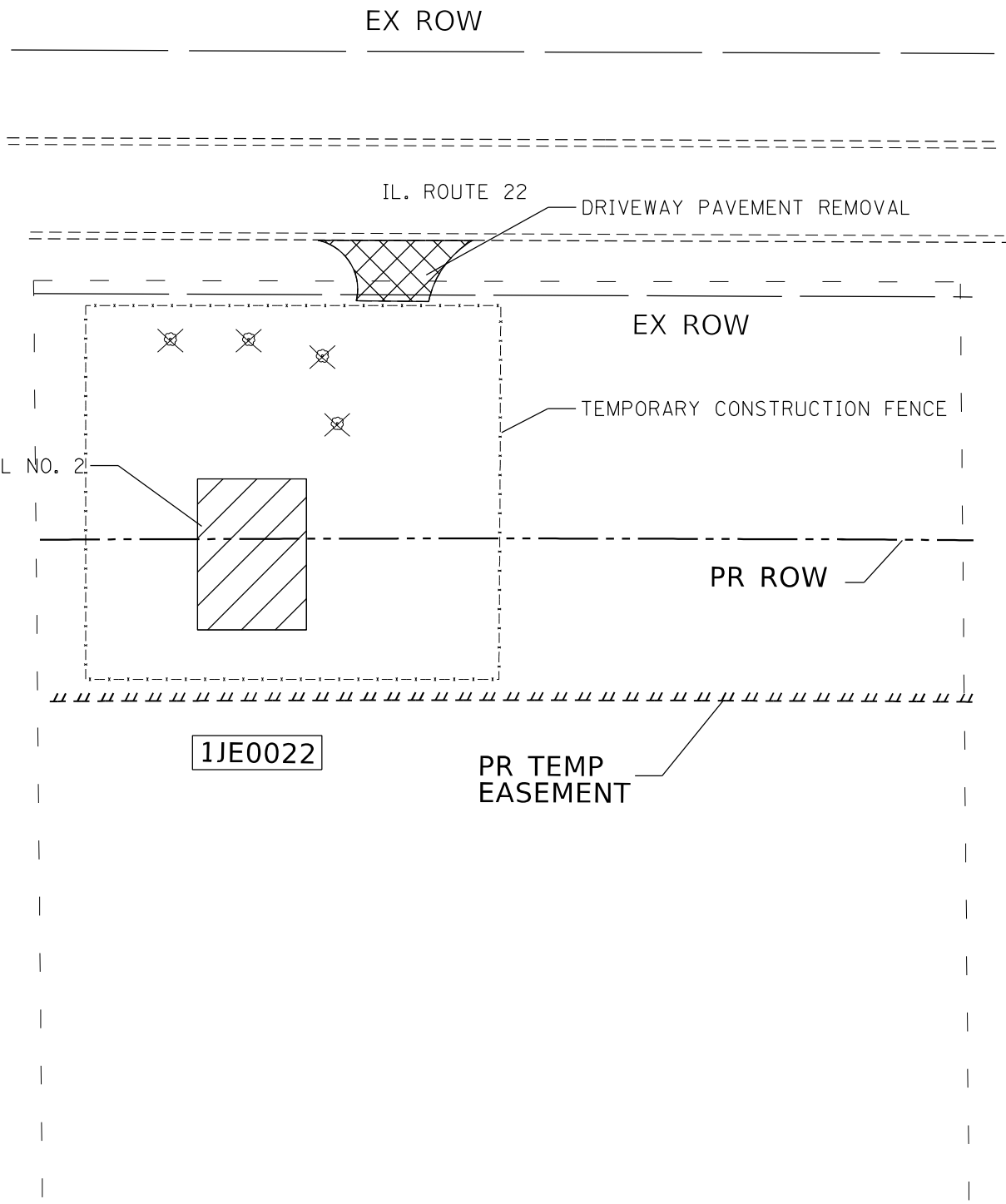
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BUILDING DEMOLITION</b>	
<b>20495 W IL ROUTE 22, KILDEER, IL 60047 (LOCATION 1)</b>	
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F.A.P. RTE. 337	SECTION 2019-132-DM&T	COUNTY LAKE	TOTAL SHEETS 25	SHEET NO. 6
CONTRACT NO. 62K05				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

- BUILDING REMOVAL
- DRIVEWAY PAVEMENT REMOVAL/GRAVEL REMOVAL
- TEMPORARY CONSTRUCTION FENCE
- STUMP REMOVAL ONLY

**NOTES**

1. THE COST FOR REMOVAL OF SHRUBS, BUSHES, SAPLINGS, WEEDS, STUMPS AND OTHER VEGETATION OR OBSTRUCTIONS ALONG THE FOUNDATIONS OF THE BUILDING IS INCLUDED IN THE BUILDING REMOVAL.
2. THE CONTRACTOR'S VEHICLES, EQUIPMENT, AND OPERATIONS MAY NOT ENCR OACH UPON THE IL ROUTE 22 TRAVELED AT ANY TIME.
3. CONTRACTOR SHALL INSTALL "TRUCKS ENTERING AND LEAVING HIGHWAY" SIGNS, W21-1105 (MODIFIED) IN EACH DIRECTION ILLINOIS ROUTE 22 APPROACHING BUILDING DEMOLITION SITE. THESE SIGNS SHALL BE PAID AS TEMPORARY INFORMATION SIGNING.
4. LOCATION OF THE TREE STUMP REMOVAL AND LOCATION OF THE TEMPORARY CONSTRUCTION FENCE SHALL BE DETERMINED AND APPROVED IN THE FIELD BY THE ENGINEER.

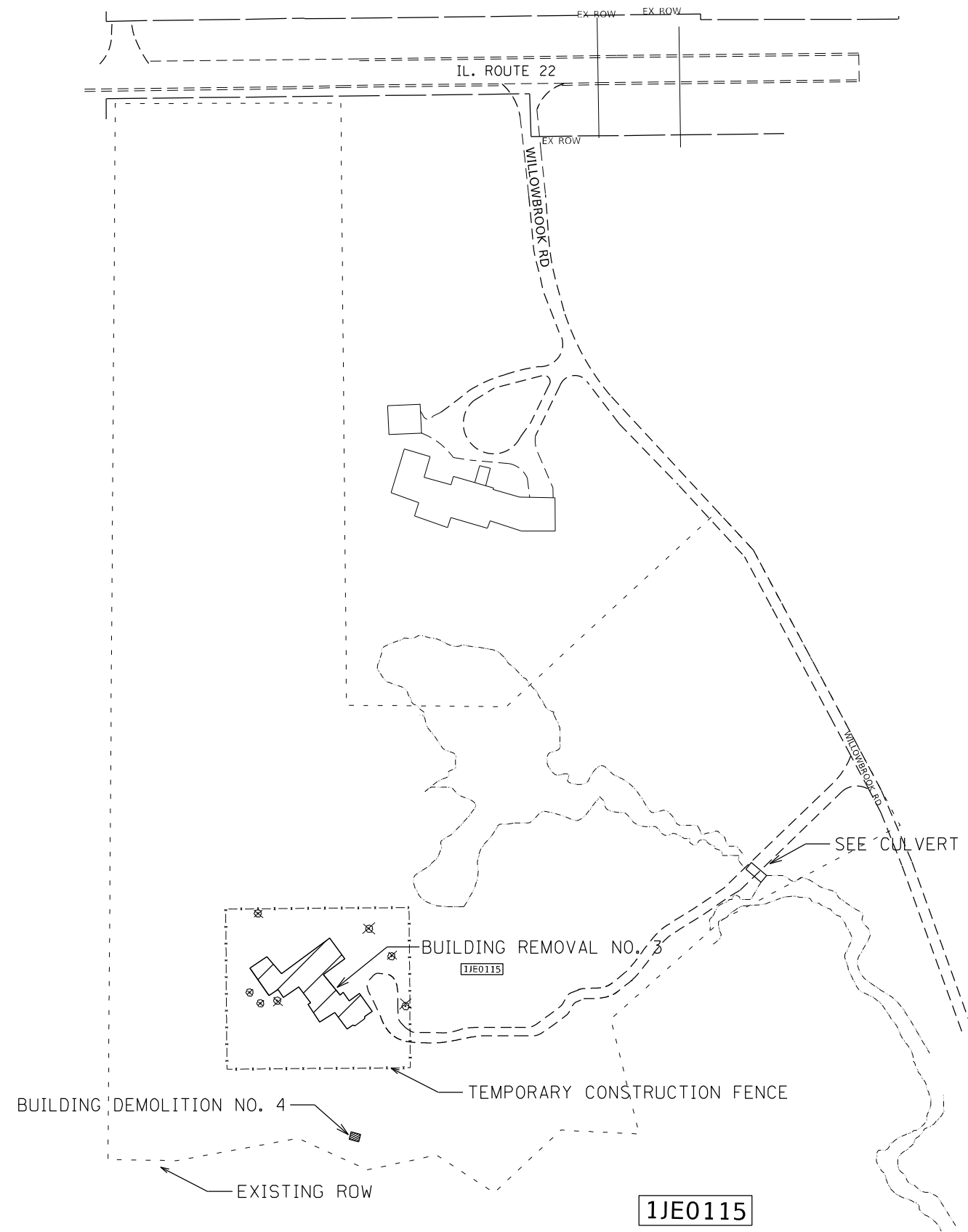
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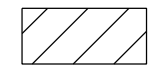
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BUILDING DEMOLITION PLAN</b>			
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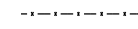
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337	2019-132-DM&T	LAKE	25	7
CONTRACT NO. 62K05				
ILLINOIS		FED. AID PROJECT		



**LEGEND**



BUILDING REMOVAL



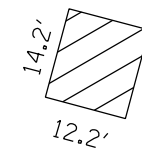
TEMPORARY CONSTRUCTION FENCE



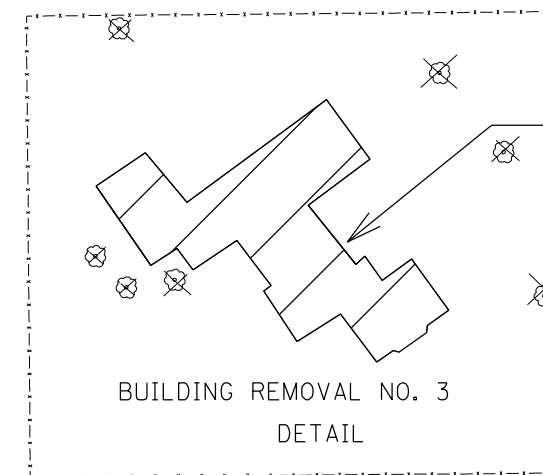
STUMP REMOVAL ONLY

**NOTES**

1. THE COST FOR REMOVAL OF SHRUBS, BUSHES, SAPLINGS, WEEDS, STUMPS AND OTHER VEGETATION OR OBSTRUCTIONS ALONG THE FOUNDATIONS OF THE BUILDING IS INCLUDED IN THE BUILDING REMOVAL.
2. THE CONTRACTOR'S VEHICLES, EQUIPMENT, AND OPERATIONS MAY NOT ENCROACH UPON THE IL ROUTE 22 TRAVELED AT ANY TIME.
3. CONTRACTOR SHALL INSTALL "TRUCKS ENTERING AND LEAVING HIGHWAY" SIGNS, W21-1105 (MODIFIED) IN EACH DIRECTION ILLINOIS ROUTE 22 APPROACHING BUILDING DEMOLITION SITE. THESE SIGNS SHALL BE PAID AS TEMPORARY INFORMATION SIGNING.
4. LOCATIONS OF TREE STUMP REMOVAL AND OF THE TEMPORARY CONSTRUCTION FENCE SHALL BE DETERMINED AND APPROVED BY THE ENGINEER.



BUILDING DEMOLITION NO. 4  
"SHED"  
DETAIL



BUILDING DEMOLITION NO. 3

TEMPORARY CONSTRUCTION FENCE

BUILDING REMOVAL NO. 3  
DETAIL

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 PROJECT: 2019-132-DM&T  
 SHEET: 24 OF 24  
 DATE: 3/20/2023

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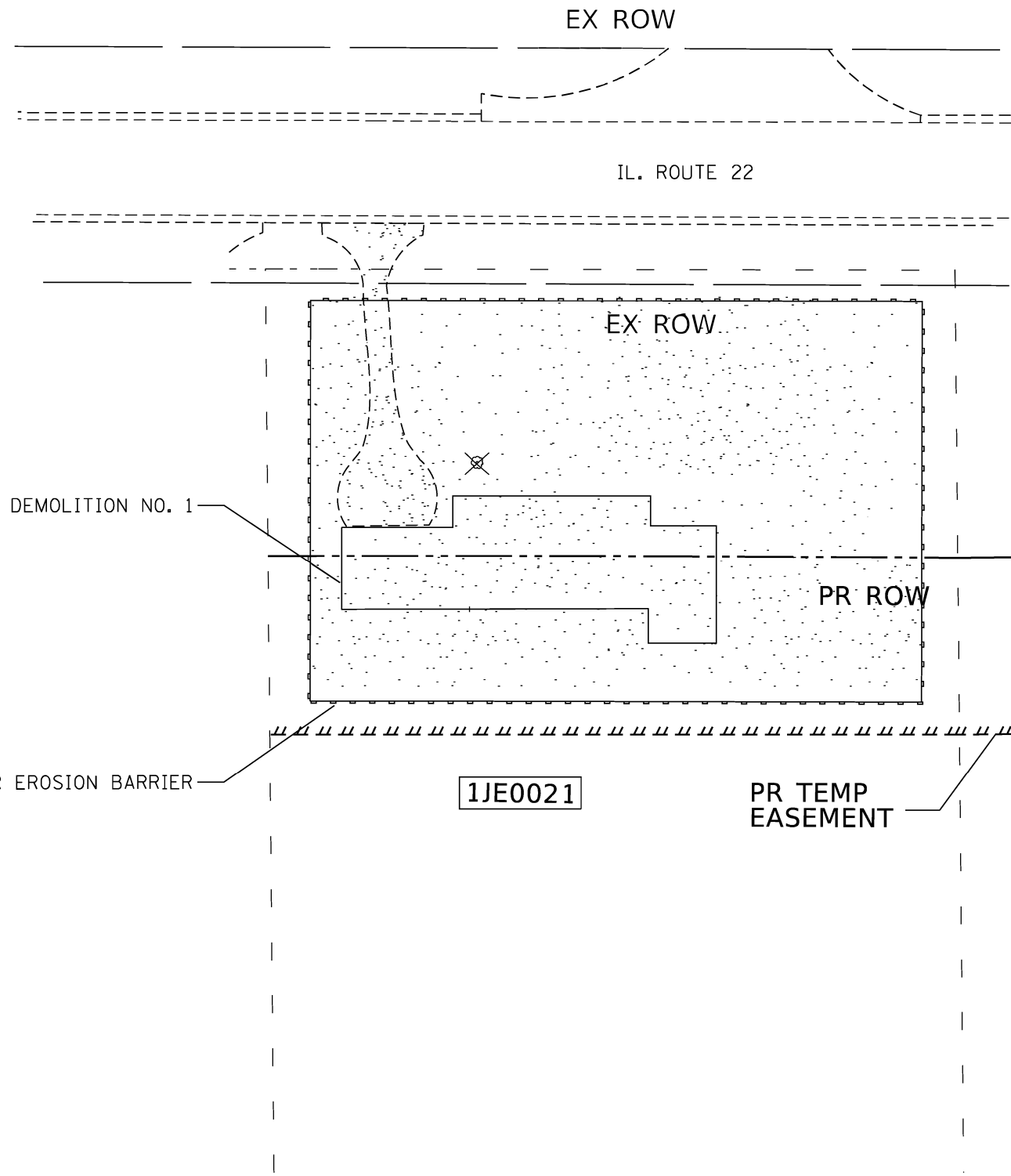
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUILDING DEMOLITION  
4316 WILLOWBROOK RD, LONG GROVE, IL 60047 (LOCATION 3)**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 337	SECTION 2019-132-DM&T	COUNTY LAKE	TOTAL SHEETS 24	SHEET NO. 8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K05	





**LEGEND**

- PROP. TOPSOIL FURNISH AND PLACE, 4"
- PROP. SEEDING, CLASS 1A, CLASS 1B OR CLASS 4B
- PROP. MULCH, METHOD 1
- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

**NOTES**

1. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL MANUAL.
2. 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.
3. SOIL EROSION AND SEDIMENTATION CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE.
4. 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.
5. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED OR AFTER TEMPORARY MEASURES ARE NO LONGER NEEDED, TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
6. 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.
7. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE RESIDENT ENGINEER OR GOVERNING AGENCY.

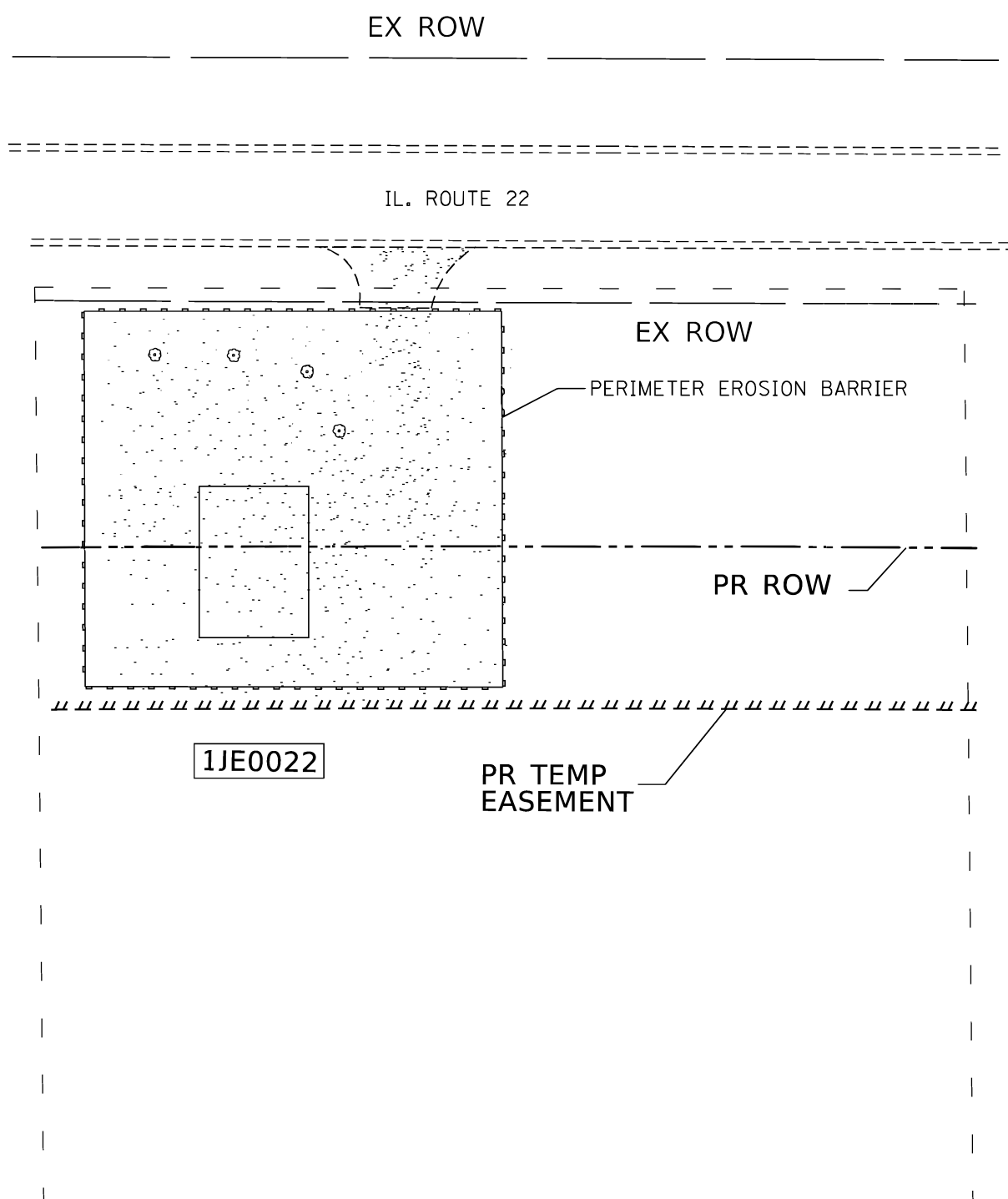
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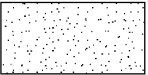
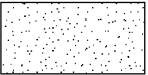
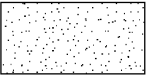
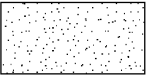

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LANDSCAPING AND EROSION CONTROL PLAN</b>			
<b>20495 W IL ROUTE 22, KILDEER, IL 60047 (LOCATION 1)</b>			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	2019-132-DM&T	LAKE	25	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K05	



**LEGEND**

-  - PROP. TOPSOIL FURNISH AND PLACE, 4"
-  - PROP. SEEDING, CLASS 1A, CLASS 1B OR CLASS 4B
-  - PROP. MULCH, METHOD 1
-  - EROSION CONTROL BLANKET
-  - PERIMETER EROSION BARRIER

**NOTES**

1. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL MANUAL.
2. 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.
3. SOIL EROSION AND SEDIMENTATION CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE.
4. 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.
5. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED OR AFTER TEMPORARY MEASURES ARE NO LONGER NEEDED, TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
6. 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.
7. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE RESIDENT ENGINEER OR GOVERNING AGENCY.

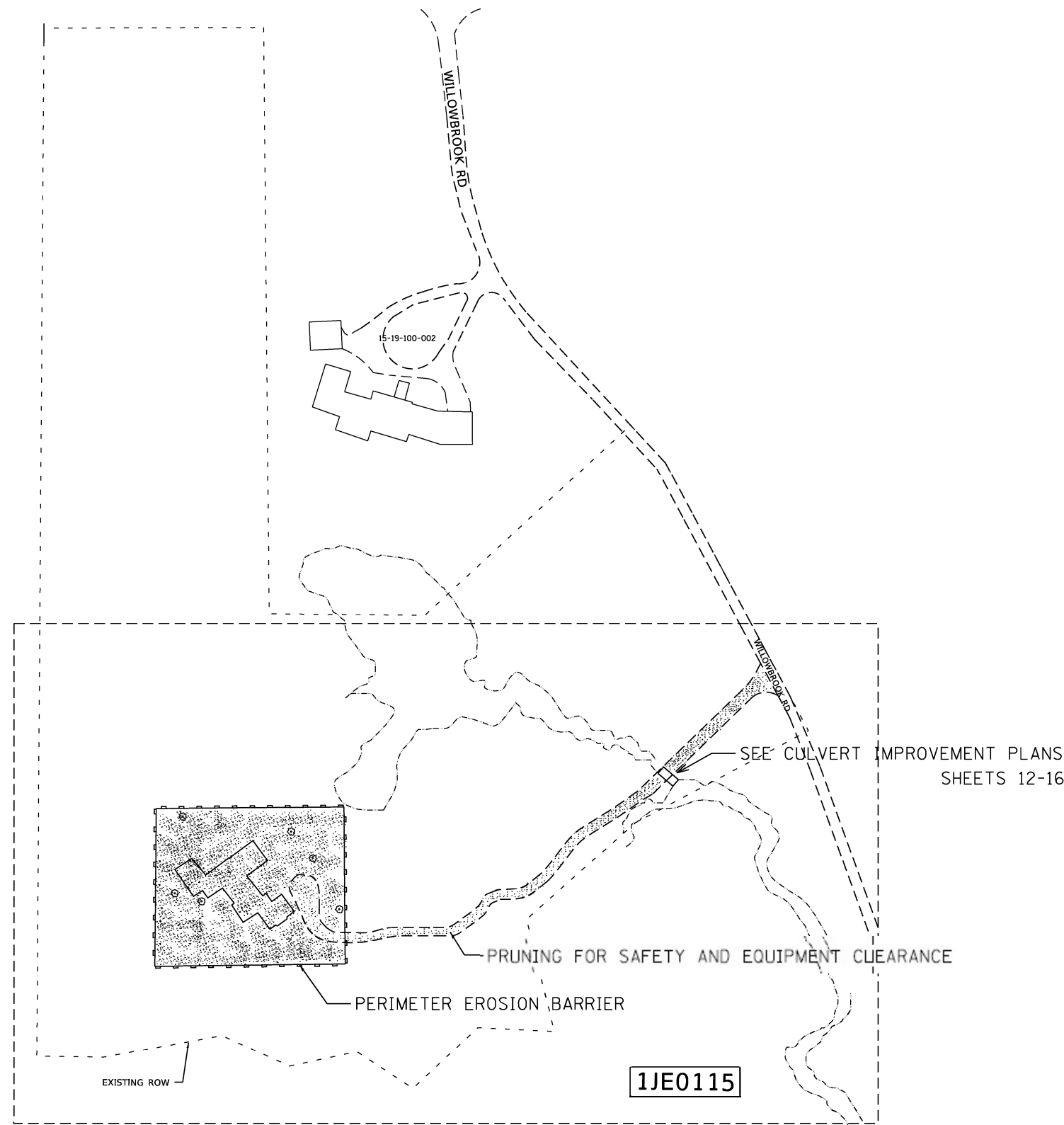
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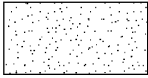
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING AND EROSION CONTROL PLAN**  
**20365 W IL ROUTE 22, KILDEER, IL 60047 (LOCATION 2)**  
 SCALE: N.T.S    SHEET    OF    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	2019-132-DM&T	LAKE	25	10
CONTRACT NO. 62K05				
		ILLINOIS	FED. AID PROJECT	



**LEGEND**

-  - PROP. TOPSOIL FURNISH AND PLACE, 4"
- PROP. SEEDING, CLASS 1A, CLASS 1B OR CLASS 4B
- PROP. MULCH, METHOD 1
- EROSION CONTROL BLANKET

-  - PERIMETER EROSION BARRIER

**NOTES**

1. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL MANUAL.
2. 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.
3. SOIL EROSION AND SEDIMENTATION CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE.
4. 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.
5. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED OR AFTER TEMPORARY MEASURES ARE NO LONGER NEEDED, TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
6. 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.
7. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE RESIDENT ENGINEER OR GOVERNING AGENCY.

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PLOT DATE = 3/2/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

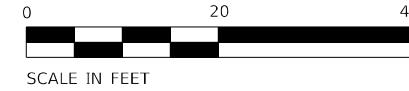
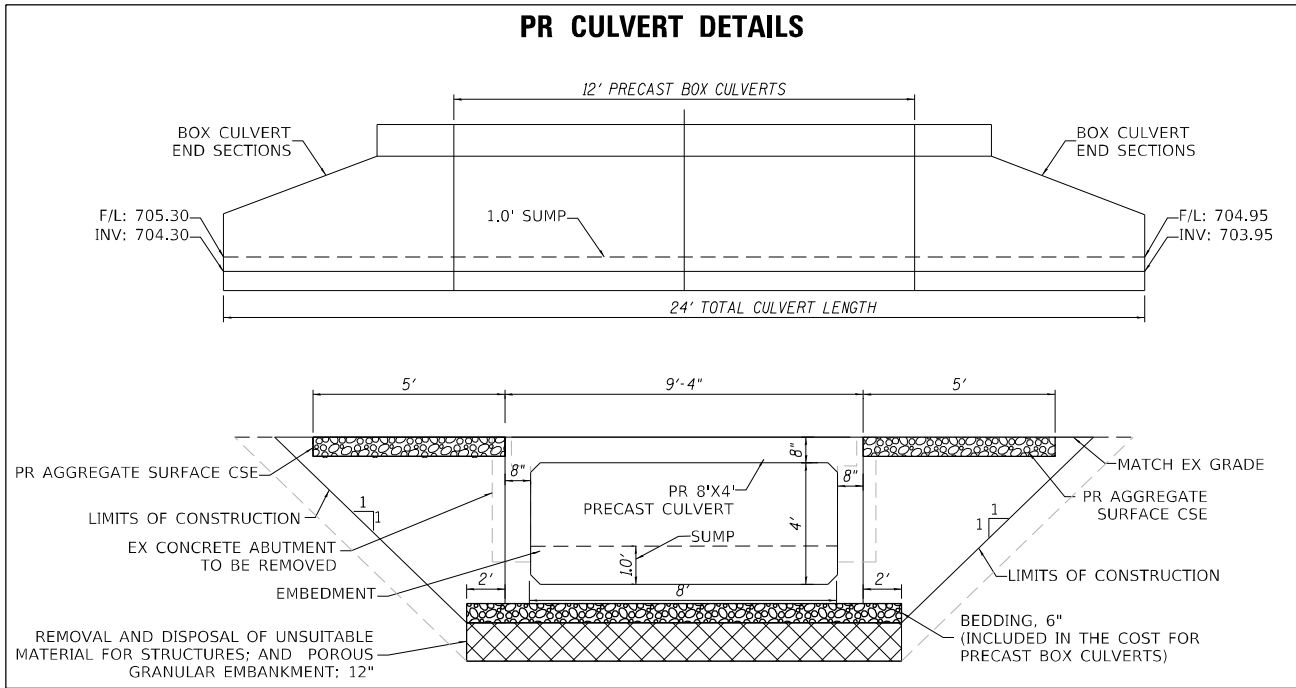
**LANDSCAPING ANC EROSION CONTROL PLAN  
4316 WILLOWBROOK RD, LONG GROVE, IL 60047 (LOCATION 3)**

SCALE: N.T.S      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	2019-132-DM&T	LAKE	25	11
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 62K05

**PR CULVERT DETAILS**



**NOTES**

1. TEMPORARY CONSTRUCTION LOADING FROM EQUIPMENT UTILIZING THE PROPOSED BOX CULVERT SHALL BE COORDINATED WITH THE ENGINEER
2. THE CONTRACTOR SHALL PROTECT THE BOX CULVERT FROM ANY DAMAGE DURING CONSTRUCTION OF THE PROJECT TO THE SATISFACTION OF THE ENGINEER

**BOX CULVERT GENERAL NOTES**

THE DESIGN FILL HEIGHT FOR THIS BOX IS 0 FT. THE PRECAST BOX CULVERT SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C 1577.

DRAIN HOLES SHALL BE PROVIDED ON EXTERIOR CULVERT WALLS FOR EACH PRECAST BOX SEGMENT WITH A CLEAR RISE GREATER THAN 3 FT. THE DRAIN HOLES SHALL BE LOCATED WITHIN 1/3 OF THE CLEAR RISE OF THE BOX CULVERT, SHALL NOT INTERCEPT THE HAUNCH, AND SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 503.11 OF THE STANDARD SPECIFICATION.

THE 6 IN. THICK LAYER OF POROUS GRANULAR MATERIAL REQUIRED FOR THE PRECAST CONCRETE BOX CULVERT PER ART. 540.06 OF THE STANDARD SPECIFICATIONS SHALL ALSO APPLY TO THE END SECTIONS. COST OF THE POROUS GRANULAR MATERIAL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE OF THE WORK FOR WHICH IT IS REQUIRED.

NONWOVEN GEOTEXTILE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ART. 1080.01 OF THE STANDARD SPECIFICATIONS. THE MINIMUM WEIGHT OF THE FABRIC SHALL BE 6 OUNCES PER SQUARE YARD.

PRECAST CONCRETE BOX CULVERTS AND BOX CULVERT END SECTIONS SHALL BE BACKFILLED WITH POROUS GRANULAR EMBANKMENT BELOW THE TOP OF THE BOX CULVERT EXTENDING TO A VERTICAL PLANE 2 FT FROM THE EXTERIOR SIDES OF THE CULVERT, 2 FT FROM THE BACK FACE OF THE END SECTIONS, AND NOT CLOSER THAN 2 FT FROM THE FACE OF EMBANKMENT.

**TOTAL BILL OF MATERIAL**

Item	Unit	Total
Porous Granular Embankment	Cu Yd	14
Removal of Existing Structures	Each	2
Removal and Disposal of Unsuitable Material for Structures	Cu Yd	14
Box Culvert End Sections, Culvert No. 1	Each	2
Precast Concrete Box Culverts 8' X 4'	Foot	12

**WATERWAY INFORMATION**

Tailwater: 10 year

Flood Event	Freq. Yr.	Discharge ft <sup>3</sup> /s	Waterway Opening - ft <sup>2</sup>		Natural H.W.E - ft	Headwater Elev.			
			Existing	Proposed		Existing		Proposed	
						Existing	Proposed	Existing	Proposed
2	2	33.5	18.5	24.0	708.5	0.5	0.5	709.0	709.0
10	10	64	18.5	24.0	708.5	0.7	0.6	709.2	709.1
Design	50	127	18.5	24.0	708.5	1.2	1.1	709.7	709.6
Base	100	162	18.5	24.0	708.5	1.3	1.2	709.8	709.7
Scour Design Check	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Overtop Existing	<10	34	18.5	20.8	708.5	0.5	N/A	709.0	N/A
Overtop Proposed	<10	42	18.5	20.8	708.5	N/A	0.5	N/A	709.0
Max Calc.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

BOX CULV END SEC  
INV ELEV: 704.30  
F/L ELEV: 705.30  
N: 2013908.9283  
E: 1073987.2271

EX ELEC CONDUIT TO BE REMOVED  
PR AGGREGATE SURFACE COURSE, TY-B (6" THICKNESS, TYP.)

EX CONCRETE HEADWALLS TO BE REMOVED

BOX CULV END SEC  
INV ELEV: 703.95  
F/L ELEV: 704.95  
N: 2013893.5911  
E: 1074005.6870

EX GRASS DRIVEWAY ACCESS

**WILLOWBROOK ROAD**

**EXISTING STRUCTURE INFORMATION**

THE EXISTING STRUCTURE CONSISTS OF A WOODEN DECK ATOP TWO VERTICAL CONCRETE ABUTMENTS. THE EXISTING STRUCTURE HEIGHT IS APPROXIMATELY 2.6-FT AND THE WIDTH IS APPROXIMATELY 7.12-FT. THE WOODEN DECK SPANS THE ENTIRE LENGTH OF THE CONCRETE ABUTMENTS WHICH ARE 14-FT LONG.

**SITE BENCHMARKS**

- BM#1 NAIL SET IN PAVEMENT NEAR WEST EDGE OF PAVEMENT OF WILLOWBROOK ROAD LOCATED APPROXIMATELY 680-FT SOUTH OF THE INTERSECTION WITH IL ROUTE 22 ELEV: 714.63 (NAVD88)
- BM#2 NAIL SET IN PAVEMENT NEAR WEST EDGE OF PAVEMENT OF WILLOWBROOK ROAD LOCATED APPROXIMATELY 750-FT SOUTH OF THE INTERSECTION WITH IL ROUTE 22 ELEV: 714.22 (NAVD88)



USER NAME = bhartna  
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PLOT DATE = 4/28/2023

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

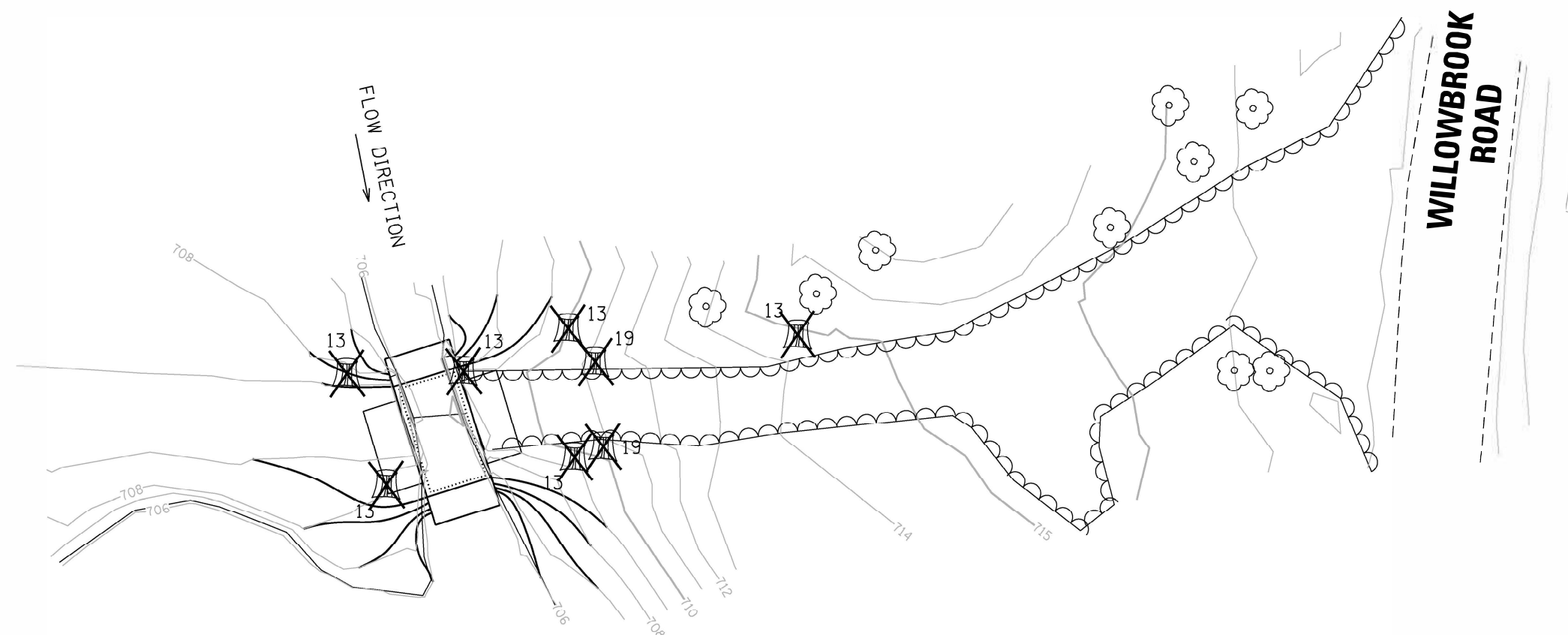
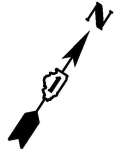
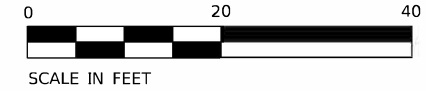
**IL ROUTE 22 BUILDING DEMOLITION  
BOX CULVERT IMPROVEMENTS**

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

F.A.P. SECTION NO. COUNTY TOTAL SHEETS SHEET NO.  
337 2019-132-DM&T LAKE 26 12  
CONTRACT NO. 62K05  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

**STUMP REMOVAL SCHEDULE**

N	E	ITEM NO.	X2010400
		ITEM NAME	STUMP REMOVAL ONLY
		UNIT	UNIT
2013900.7774	1073980.9249		13.00
2013890.8825	1073994.0054		13.00
2013909.9685	1073994.2040		13.00
2013908.3973	1074013.6705		13.00
2013922.8739	1074003.2171		13.00
2013921.0509	1074008.8961		19.00
2013911.8089	1074016.2841		19.00
2013939.6489	1074030.3601		13.00
			116



**LEGEND**

 STUMP REMOVAL

UNITED STATES ARMY CORPS OF ENGINEERS NOTES:

- EARTHEN COFFERDAMS OR OTHER PRACTICES THAT WOULD RESULT IN A RELEASE OF SEDIMENT INTO WATERS OF THE U.S. ARE NOT AUTHORIZED FOR USE. COFFERDAMS SHALL BE CONSTRUCTED OF NON-ERODIBLE MATERIALS ONLY. ACCEPTABLE PRACTICES INCLUDE, BUT ARE NOT LIMITED TO: PRE-FABRICATED RIGID COFFERDAMS, SHEET PILING, INFLATABLE BLADDERS, SANDBAGS AND FABRIC-LINED BASINS.
- WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. LOW FLOW CONDITIONS ARE FLOW AT OR BELOW THE NORMAL WATER ELEVATION.
- WATER SHALL BE ISOLATED FROM THE IN-STREAM WORK AREA USING A COFFERDAM CONSTRUCTED OF NON-ERODIBLE MATERIALS (STEEL SHEETS, AQUA BARRIERS, RIP RAP AND GEOTEXTILE FABRIC, ETC.). EARTHEN COFFERDAMS ARE NOT PERMISSIBLE.
- WORK MAY NOT BE PERFORMED IN THE WATER, EXCEPT FOR THE PLACEMENT OF THE MATERIALS NECESSARY FOR THE CONSTRUCTION OF THE COFFERDAM. THE COFFERDAM MUST BE CONSTRUCTED FROM THE UPLAND AREA AND NO EQUIPMENT MAY ENTER THE WATER AT ANY TIME. IF THE INSTALLATION OF THE COFFERDAM CANNOT BE COMPLETED FROM SHORE AND ACCESS IS NEEDED TO REACH THE AREA TO BE COFFERED, OTHER MEASURES, SUCH AS THE CONSTRUCTION OF A CAUSEWAY, WILL BE NECESSARY TO ENSURE THAT EQUIPMENT DOES NOT ENTER THE WATER. ONCE THE COFFERDAM IS IN PLACE AND THE ISOLATED AREA IS DEWATERED, EQUIPMENT MAY ENTER THE COFFERED AREA TO PERFORM THE REQUIRED WORK.
- IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE SHALL BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM ENTERING THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION. FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER HAS BECOME SEDIMENT-LADEN AS A RESULT OF THE CURRENT CONSTRUCTION ACTIVITIES.
- DURING DEWATERING OF THE COFFERED AREA, ALL WATER MUST BE FILTERED TO REMOVE SEDIMENT. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC POLYMERS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. WATER SHALL HAVE SEDIMENT REMOVED PRIOR TO BEING RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. A STABILIZED CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED. DISCHARGE WATER IS CONSIDERED CLEAN IF IT DOES NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY.
- THE PORTION OF THE SIDE SLOPE THAT IS ABOVE THE OBSERVED WATER ELEVATION SHALL BE STABILIZED AS SPECIFIED IN THE PLANS PRIOR TO ACCEPTING FLOWS. THE SUBSTRATE AND TOE OF SLOPE THAT HAS BEEN DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS AND FULLY STABILIZED PRIOR TO ACCEPTING FLOWS.

EROSION CONTROL NOTES

SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.

SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, DEVELOPMENT SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

STABILIZATION BY SEEDING SHALL INCLUDE TOPSOIL PLACEMENT AND FERTILIZATION, AS NECESSARY.

NATIVE SEED MIXTURES SHALL INCLUDE RAPID-GROWING ANNUAL GRASSES OR SMALL GRAINS TO PROVIDE INITIAL, TEMPORARY SOIL STABILIZATION.

OFFSITE PROPERTY SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT CONCENTRATED DISCHARGE LOCATIONS ALONG THE LENGTH OF ANY OUTFALL CHANNEL, AS NECESSARY TO PREVENT EROSION.

SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE DISTURBANCE OF TRIBUTARY AREAS.

STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE, OR TEMPORARY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE, BUT NO LATER THAN 14 CALENDAR DAYS FROM THE INITIATION OF STABILIZATION WORK IN THE AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED AS INSTANCES WHEN THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE AND IN AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD MAY BE USED.

DISTURBANCE OF STEEPS SLOPES SHALL BE MINIMIZED. AREAS OR EMBANKMENTS HAVING SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH STAKING IN PLACE SOD, EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING, OR EQUIVALENT CONTROL MEASURE.

PERIMETER CONTROL MEASURES SHALL BE PROVIDED DOWNSLOPE AND PERPENDICULAR TO THE FLOW OF RUNOFF FROM DISTURBED AREAS, WHERE THE TRIBUTARY AREA IS GREATER THAN 5,000 SQUARE FEET, AND WHERE RUNOFF WILL FLOW IN A SHEET FLOW MANNER. PERIMETER EROSION CONTROL SHALL ALSO BE PROVIDED AT THE BASE OF SOIL STOCKPILES.

THE DRAINAGE SYSTEM SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION DOWNSLOPE FROM DISTURBED AREAS. INLET PROTECTION THAT REDUCES SEDIMENT LOADING, WHILE ALLOWING RUNOFF TO ENTER THE INLET SHALL BE REQUIRED FOR ALL STORM SEWERS, CHECK DAMS, OR AN EQUIVALENT CONTROL MEASURE, SHALL BE REQUIRED FOR ALL CHANNELS. FILTER FABRIC INLET PROTECTION AND STRAW BALE DITCH CHECKS ARE NOT ACCEPTABLE CONTROL MEASURES.

IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G., SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURES). THE ENGINEER SHALL BE NOTIFIED PRIOR TO THE COMMENCEMENT OF DEWATERING ACTIVITIES.

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

STOCKPILED SOIL AND MATERIALS SHALL BE REMOVED FROM FLOOD HAZARD AREAS AT THE END OF EACH WORK DAY. SOIL AND MATERIALS STOCKPILED IN IWMC OR BUFFER AREAS SHALL BE PLACED ON TIMBER MATS, OR AN EQUIVALENT CONTROL MEASURE.

EFFECTIVE CONTROL MEASURES SHALL BE UTILIZED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THE DEVELOPMENT SITE. AT A MINIMUM, CONTROL MEASURES SHALL BE IMPLEMENTED IN ORDER TO:

MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATER.

MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, VEHICLE FLUIDS, SANITARY WASTE, AND OTHER MATERIALS PRESENT ON THE DEVELOPMENT SITE TO PRECIPITATION AND TO STORMWATER.

ADEQUATE RECEPTACLES SHALL BE PROVIDED FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL OR IWMC. THE DEVELOPMENT SITE SHALL BE MAINTAINED FREE OF CONSTRUCTION MATERIAL DEBRIS.

A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURES) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION-SITE OF A MAJOR DEVELOPMENT TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET ALLEY, OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT OF WAY, STREET, ALLEY OR PARKING AREA SHALL BE SCRAPED OR STREET CLEANED AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION.

DRAIN TILE SYSTEMS DISTURBED DURING DEVELOPMENT MUST BE RECONNECTED BY THOSE RESPONSIBLE FOR THEIR DISTURBANCE UNLESS THE APPROVED ENGINEERING PLANS INDICATE HOW THE DRAIN TILE SYSTEM IS TO BE CONNECTED TO THE PROPOSED STORMWATER MANAGEMENT SYSTEM.

ALL ABANDONED DRAIN TILES SHALL BE REMOVED IN THEIR ENTIRETY.

DRAIN TILES WITHIN THE DISTURBED AREA OF THE DEVELOPMENT SHALL BE REPLACED, BYPASSED AROUND THE DEVELOPMENT OR INTERCEPTED AND CONNECTED TO THE DRAINAGE SYSTEM FOR THE DEVELOPMENT. THE SIZE OF THE REPLACED OR BYPASSED DRAIN TILE SHALL BE EQUIVALENT TO THE EXISTING DRAIN TILE.

THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) (IN-STREAM /WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.

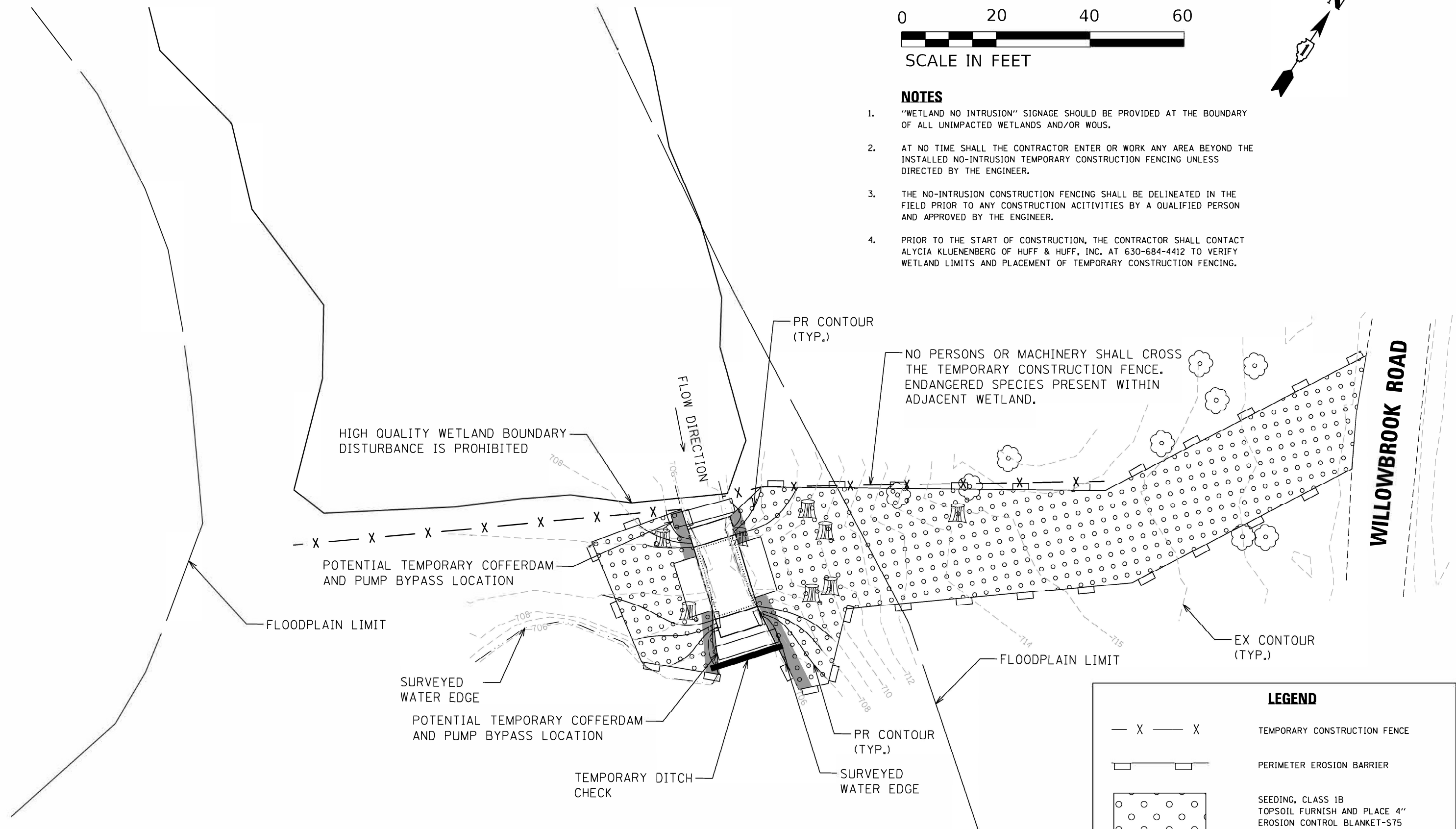
"WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. THE CONTRACTOR CAN BORROW THE SIGNS FROM THE BUREAU OF MAINTENANCE. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.

 HRGreen.com Illinois Professional Design Firm #184-01322 HRGreen	USER NAME = bhar-tna	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 22 BUILDING DEMOLITION SESC GENERAL NOTES	F.A.P. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			337	2019-132-DW&T	LAKE	25	14
PLOT DATE = 10/24/2022	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 62K05		



**NOTES**

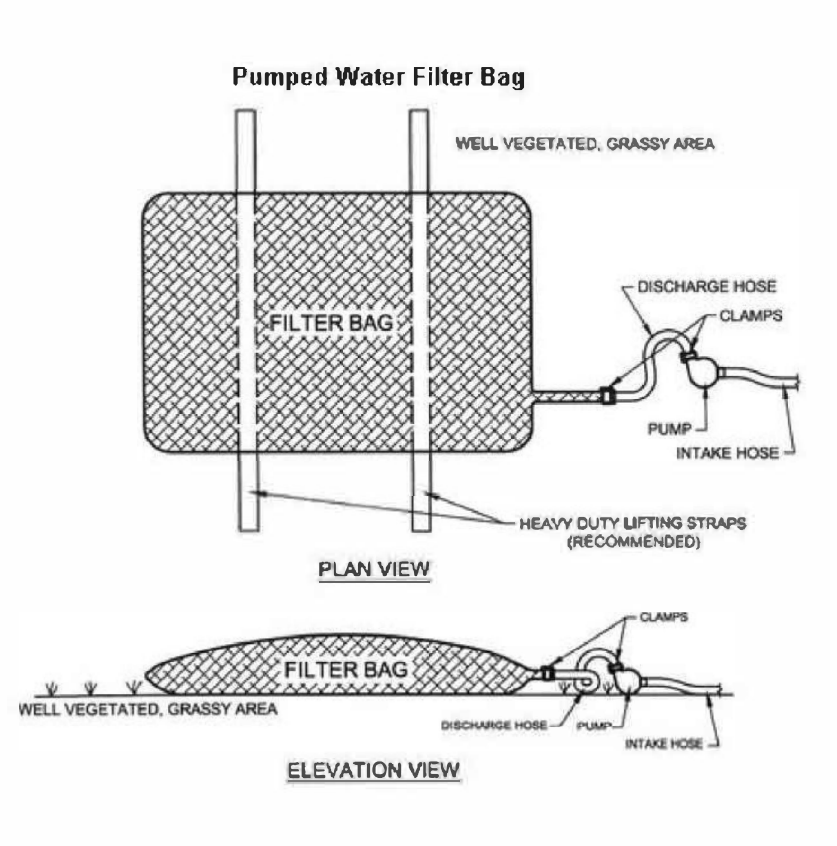
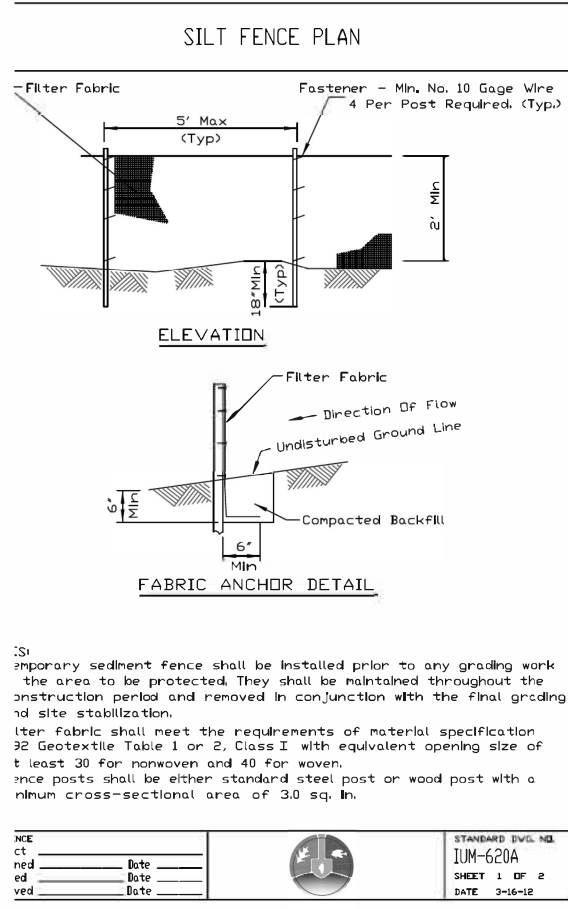
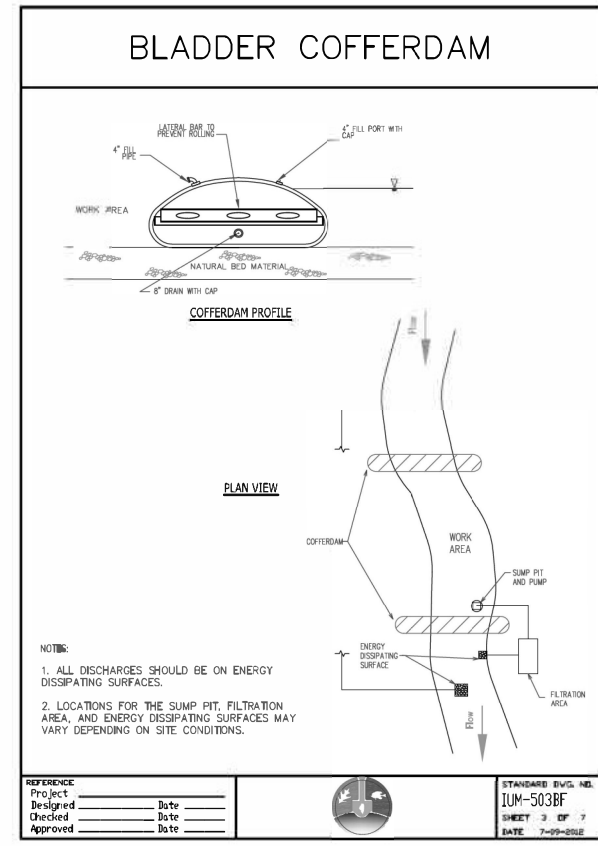
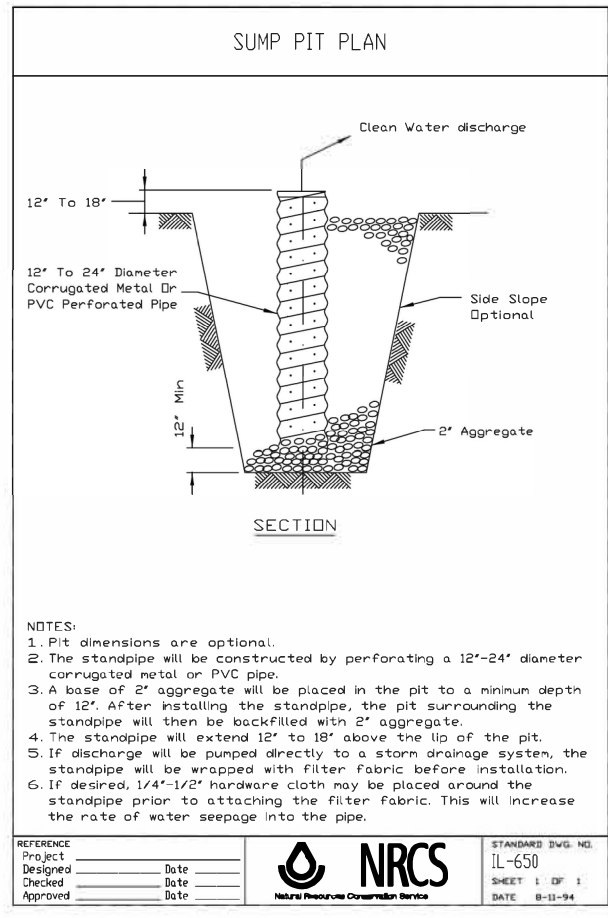
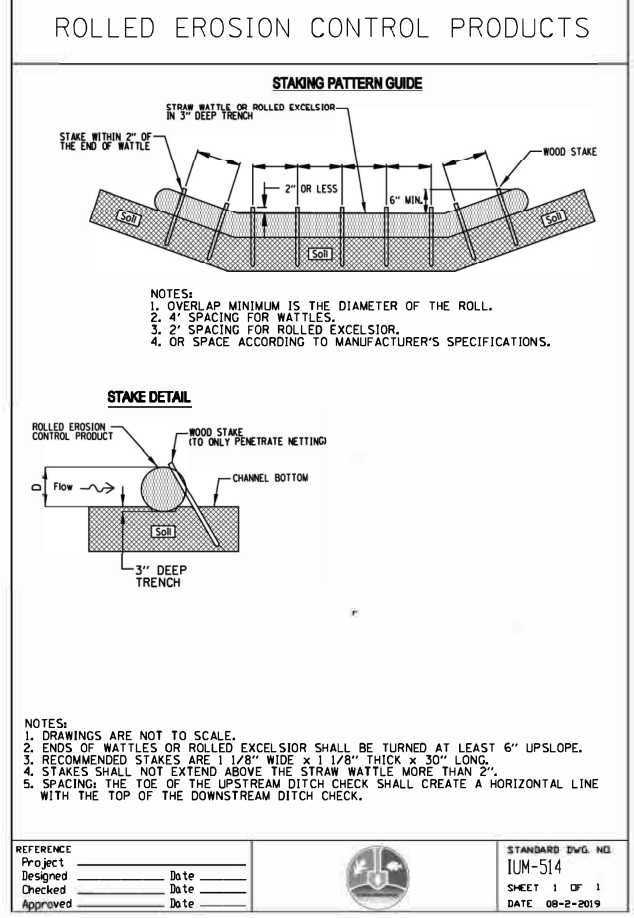
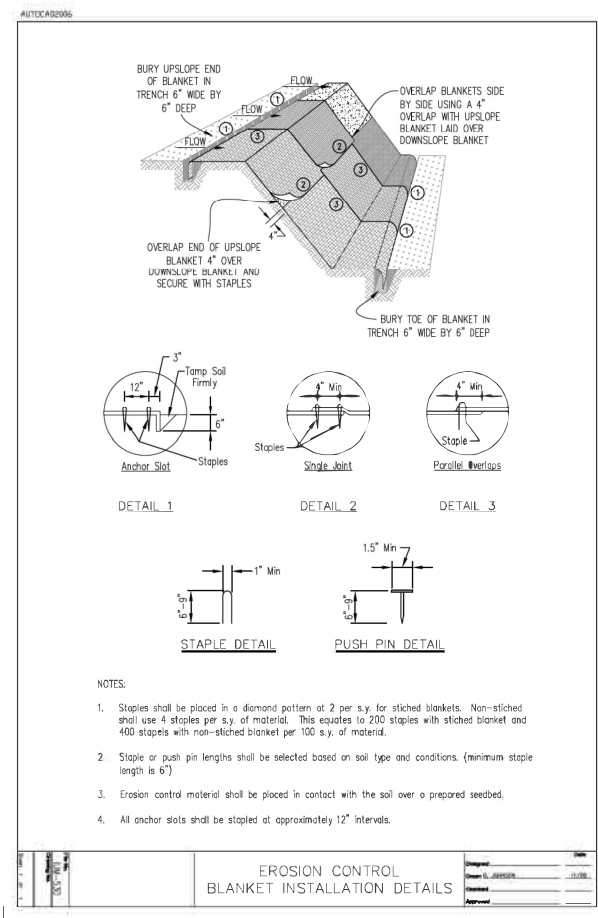
1. "WETLAND NO INTRUSION" SIGNAGE SHOULD BE PROVIDED AT THE BOUNDARY OF ALL UNIMPACTED WETLANDS AND/OR WOUS.
2. AT NO TIME SHALL THE CONTRACTOR ENTER OR WORK ANY AREA BEYOND THE INSTALLED NO-INTRUSION TEMPORARY CONSTRUCTION FENCING UNLESS DIRECTED BY THE ENGINEER.
3. THE NO-INTRUSION CONSTRUCTION FENCING SHALL BE DELINEATED IN THE FIELD PRIOR TO ANY CONSTRUCTION ACITIVITIES BY A QUALIFIED PERSON AND APPROVED BY THE ENGINEER.
4. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ALCYIA KLUENENBERG OF HUFF & HUFF, INC. AT 630-684-4412 TO VERIFY WETLAND LIMITS AND PLACEMENT OF TEMPORARY CONSTRUCTION FENCING.



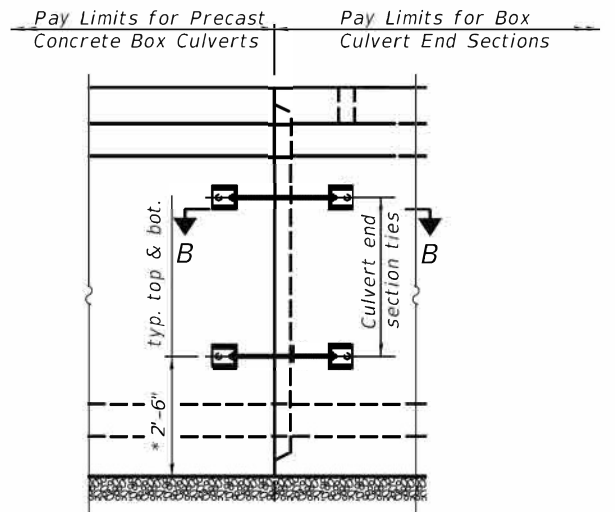
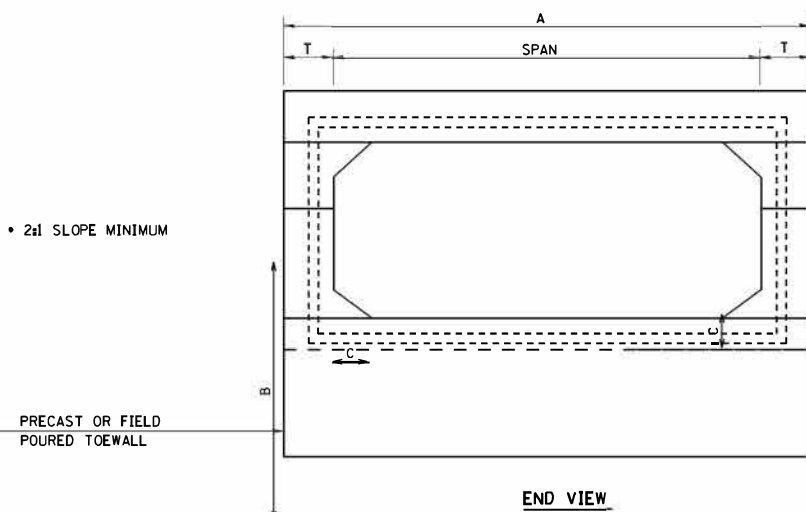
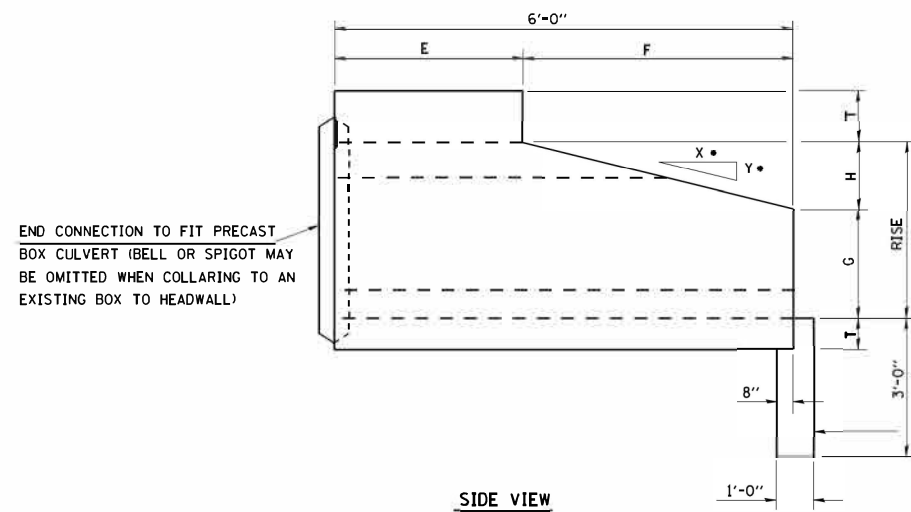
LEGEND	
— X — X	TEMPORARY CONSTRUCTION FENCE
[Symbol: Dashed line with rectangular markers]	PERIMETER EROSION BARRIER
[Symbol: Dotted pattern]	SEEDING, CLASS 1B TOPSOIL FURNISH AND PLACE 4" EROSION CONTROL BLANKET-S75
[Symbol: Dotted pattern with shaded background]	SEEDING, CLASS 4B (WETLAND GRASS) TOPSOIL FURNISH AND PLACE 4" EROSION CONTROL BLANKET-S75

USER NAME = bhar.tna	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/30/2023	DATE -	REVISED -

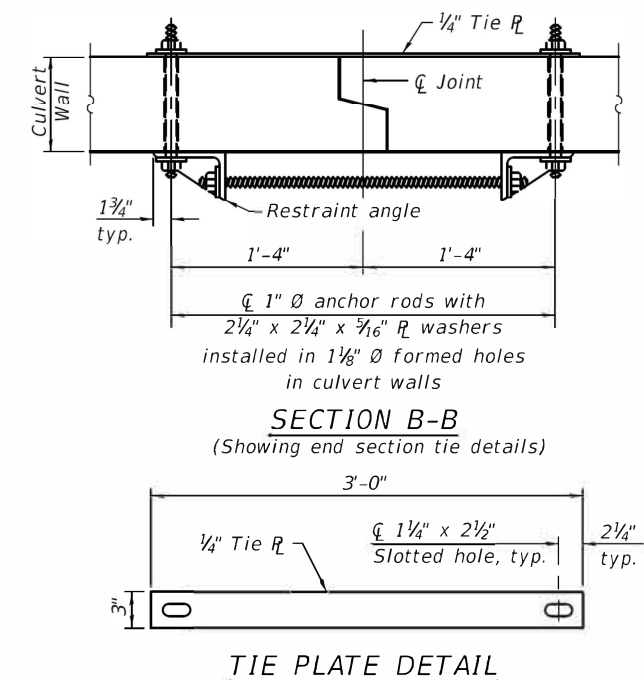
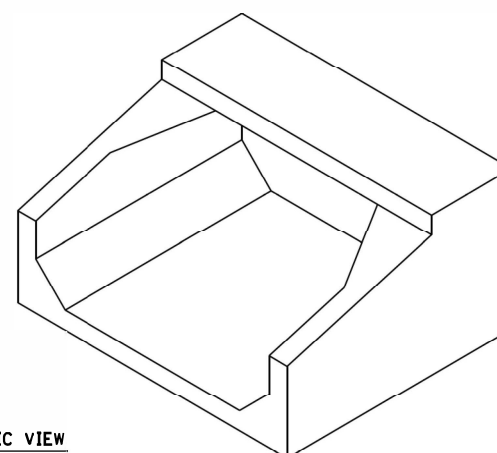
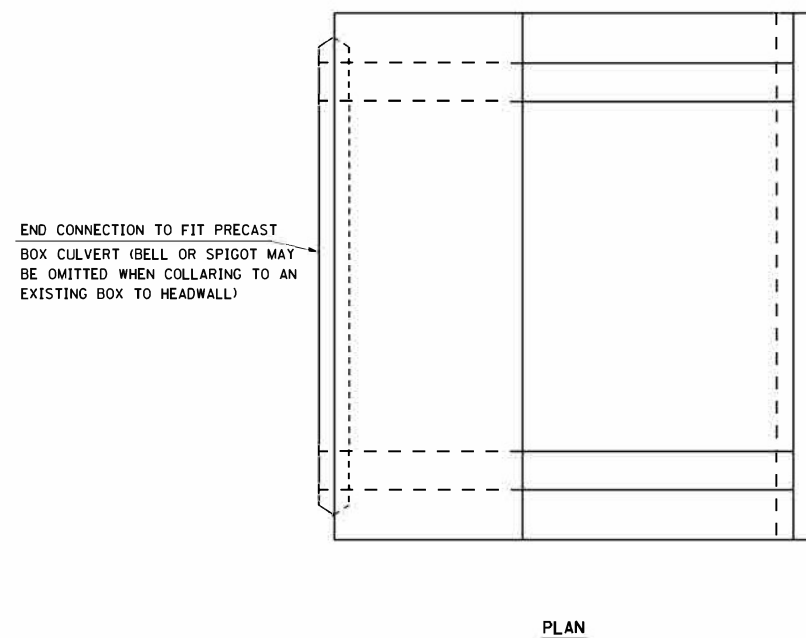
F.A.P. RTE. 337	SECTION NO. 2019-132-DM&T	COUNTY LAKE	TOTAL SHEETS 25	SHEET NO. 15
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K05	







\* Precast box culvert end section joints with a total vertical height less than 8'-0" shall only require one culvert tie placed at midheight.



1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

SPAN x RISE	T (INCHES)	A (FT-IN)	B (FT-IN)	C (INCHES)	E (FT-IN)	F (FT-IN)	G (FT-IN)	H (FT-IN)	SLOPE (X:Y)
8' x 4'	8"	9'-4"	5'-4"	8"	2'-0"	4'-0"	2'-0"	2'-0"	2:1

**NOTES**

1. PRECAST CONCRETE BOX CULVERT 8'x4' SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS FILL HEIGHTS LESS THAN 2.0 FT.
2. THE MINIMUM CONCRETE STRENGTH SHALL BE 5,000 PSI.
3. LIFTING HOLES SHALL BE FILLED WITH CONCRETE PLUGS AND MASTIC AFTER BOX SECTIONS ARE IN PLACE.
4. ALL COSTS ASSOCIATED WITH FURNISHING AND INSTALLING THE CULVERT TIES WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PRECAST CONCRETE BOX CULVERTS OF THE SIZE SPECIFIED.

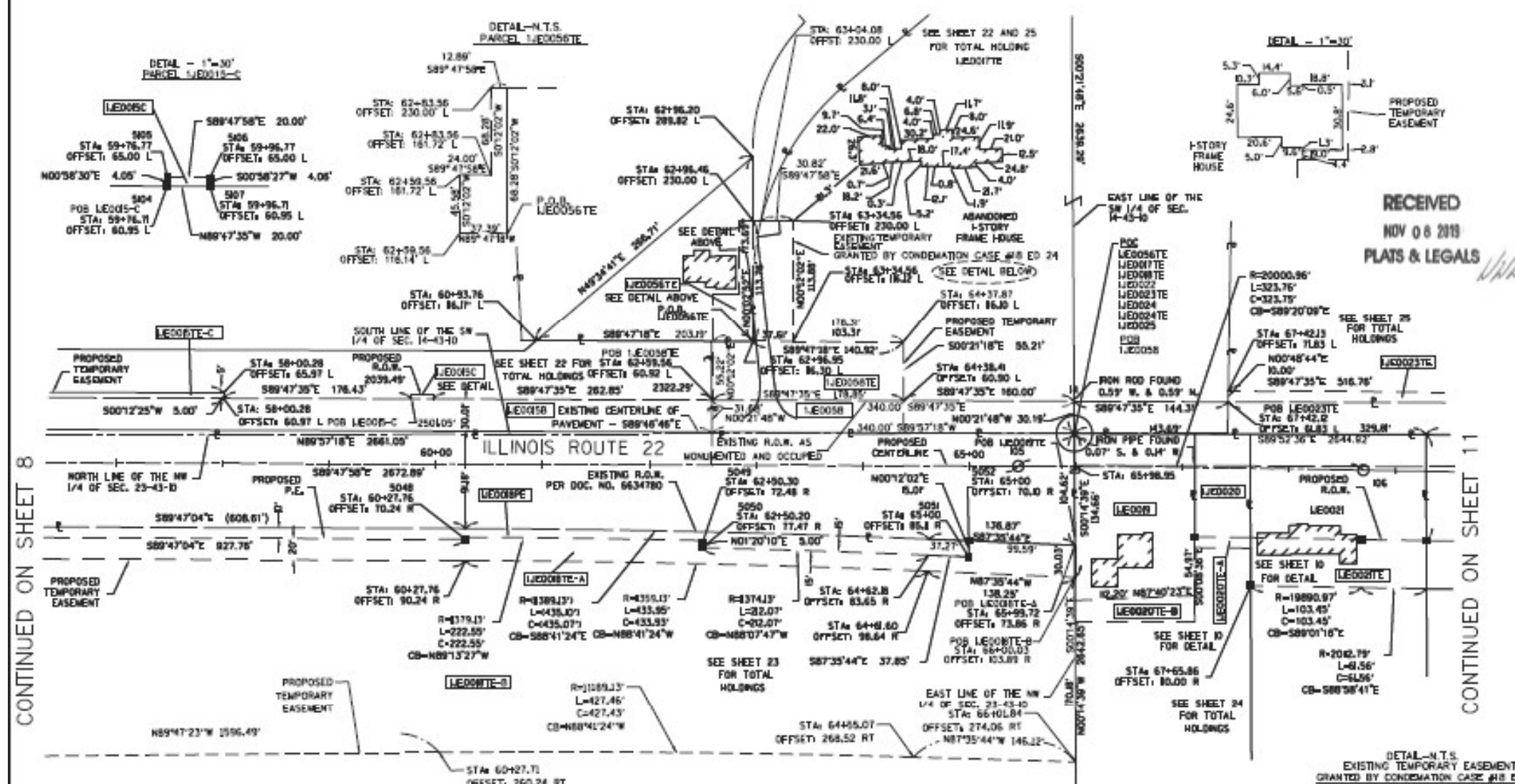
PART OF THE SOUTH 1/2 OF SECTION 14 & THE NORTH 1/2 OF SECTION 23, TWP. 43 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (EED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Coordinates are based on to the Whole State Plane Coordinate System, East Zone, NAD83, East Zone, of Grid.  
 Combined Scale Factor (Ground to Grid) = 0.9999585  
 Combined Scale Factor (Grid to Ground) = 1.0000415

GRAPHIC SCALE FEET  
 SCALE: 1" = 60'



- IRON PIPE OR ROD FOUND
  - ⊕ MAG# NAIL SET
  - + CUT CROSS FOUND OR SET
  - S / 8" REBAR SET
  - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO BE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - BT1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO BE 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.O.G.T. STANDARD 235 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET
- STATE OF ILLINOIS )  
 COUNTY OF COOK )

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-00809, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 22, TOWNSHIP 43 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 CHICAGO, ILLINOIS THIS 29TH DAY OF OCTOBER, 2020 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-334  
 LICENSE EXPIRATION DATE NOV. 30, 2020

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



**DBS** DB STERLIN CONSULTANTS, INC.  
 123 N. WACKER DRIVE SUITE 2000  
 CHICAGO, ILLINOIS 60606  
 TEL: (312)887-1000 FAX: (312)887-1066

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1.EJ0015E 1.EJ0015A 1.EJ0015B 1.EJ0015C	HENNER LAKES OFFICE PROPERTY OWNER LLC, A DELAWARE LIMITED LIABILITY COMPANY	166.149	0.010 (A)	1.832 (B) 1.231 (D)	162.073	0.505 (PE)	403 (D)		14-14-100-010	
1.EJ0015E-B			2.328 (B)			1.063 (A)			14-14-300-003	
1.EJ0015E-C			81 SF. (C)			0.009 (B)			14-14-300-006	
1.EJ0015E-D			0.002 AC. (C)			0.061 (C)			14-14-300-008	
1.EJ0015E-E			1.736 (D)			1.104 (E)			14-14-300-009	
1.EJ0015E-F			0.204 (F)	14-14-300-011			14-15-400-016			
1.EJ0015E-G			0.172 (G)							
1.EJ0018E 1.EJ0018A 1.EJ0018B	LAKE COUNTY FOREST PRESERVE DISTRICT, A BODY POLITIC AND CORPORATE	119.340	N/A	N/A	119.340	1.898 (PE) 0.683 (TE-A) 12.518 (TE-B)	N/A		14-23-100-008	
1.EJ0019	ROBERTO RIVERO AND LUIS ZAMUDIO, AS JOINT TENANTS	0.398	0.398	0.076	0.000	N/A	N/A		14-23-200-001	
1.EJ0020 1.EJ0020A 1.EJ0020B	DAVE T. EDWARDS	4.602	0.116	0.038	4.486	0.012 (A) 0.057 (B)	N/A		14-23-200-002	
1.EJ0021 1.EJ0021E	FEDERAL NATIONAL MORTGAGE ASSOCIATION (FNMHC)	5.004	0.372	0.114	4.632	0.170	N/A		14-23-200-003	
1.EJ0023E	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO AMKOR INVESTMENT GROUP, N.A. AS TRUSTEE UNDER TRUST AGREEMENT DATED THE 8TH DAY OF OCTOBER, 2007, KNOWN AS TRUST NUMBER 15804	30.205	N/A	N/A	30.205	0.119	N/A		14-14-400-019 14-14-400-020	
1.EJ0056E	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO AMKOR INVESTMENT GROUP, N.A. AS TRUSTEE UNDER TRUST AGREEMENT DATED THE 11TH DAY OF JUNE, 2004, KNOWN AS TRUST NUMBER 04-15236	0.405	N/A	N/A	0.405	0.058	N/A		14-14-300-016	
1.EJ0058E 1.EJ0058E	M/I HOMES OF CHICAGO, LLC	14.917	0.242	0.242	14.675	0.226	N/A		14-14-300-018 14-14-300-022 14-14-400-024 14-14-400-031	

**COORDINATE TABLE**

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
5048	60+27.76	70.24 R	2014504.70	1064802.71
5049	62+50.30	72.48 R	2014501.89	1065125.23
5050	62+50.30	77.47 R	2014496.89	1065125.12
5051	65+00.00	85.11 R	2014488.18	1065374.88
5052	65+00.00	70.10 R	2014503.19	1065374.83

**COORDINATE TABLE - IL 22 PROPOSED CENTERLINE**

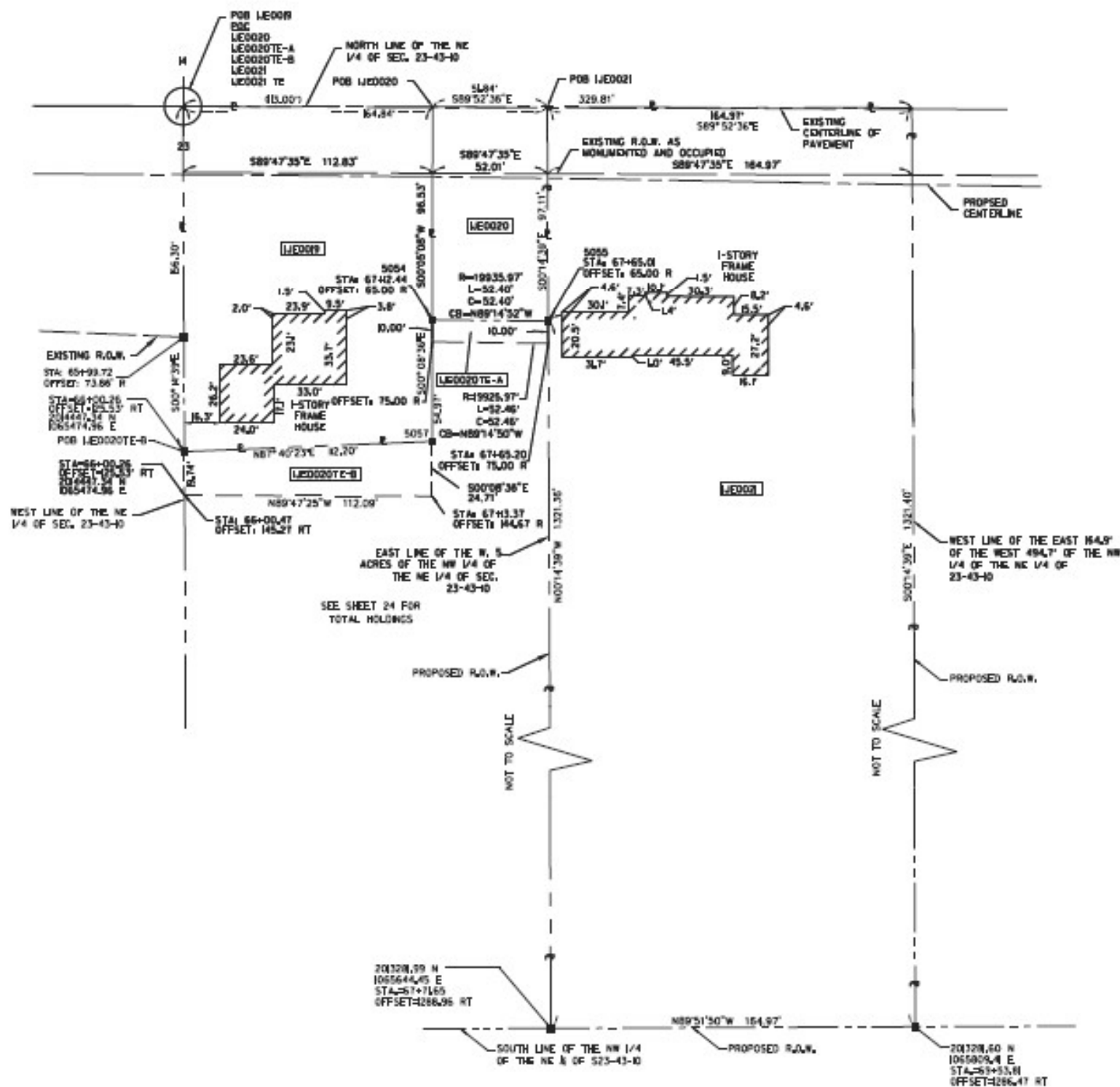
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
105 - PC	85+86.12	0.00	2014573.12	1065421.30
106 - PTC	88+69.88	0.00	2014569.37	1065745.01

USER NAME = AQUINOMA	DESIGNED -	REVISED -	F.A.P. RTE. = 337	SECTION = 2019-132-DM&T	COUNTY = LAKE	TOTAL SHEETS = 25	SHEET NO. = 18
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -	BUILDING DEMOLITION (LOCATION 1)		ILLINOIS		FED. AID PROJECT
PLOT DATE = 2/23/2021	CHECKED -	REVISED -	PLAT OF HIGHWAYS		CONTRACT NO. 62K05		
	DATE -	REVISED -	SCALE: N.T.S.	SHEET OF SHEETS	STA. TO STA.		

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

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

PART OF THE NE 1/4 OF SECTION 23, TWP. 43 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (GRID) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Coordinates are based on to the Illinois State Plane Coordinate System, East Zone, NAD83, East Zone, at Grid.  
 Combined Scale Factor (Ground to Grid) = 0.9999585  
 Combined Scale Factor (Grid to Ground) = 1.0000415

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 DIMENSION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.  
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
 PERMANENT SURVEY MARKER, 1/2" DIA. STANDARD 2035 (TO BE SET BY OTHERS)  
 RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF COOK )

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-00908, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 22, TOWNSHIP 43 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 CHICAGO, ILLINOIS THIS 26TH DAY OF JULY, 2017 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-334  
 LICENSE EXPIRATION DATED NOV. 30, 2018

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

**APPROVED**  
 By William Wright at 2:45 pm, Apr 17, 2020

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1420019	ROBERTO RIVERA AND LUIS ZAMUDIO, AS JOINT TENANTS	0.398	0.398	0.078	0	0	N/A		14-23-200-001	
1420020 1420020E-A 1420020E-B	DANE T. DAVIS	4.802	0.118	0.038	4.486	0.012 (A) 0.057 (B)	N/A		14-23-200-002	
1420021	FEDERAL NATIONAL MORTGAGE ASSOCIATION (FARMER HAD)	5.004	5.004	0.114	0	N/A	N/A		14-23-200-003	

**COORDINATE TABLE**

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
5053	65+99.62	65.00 R	2014507.87	1085174.39
5054	67+12.44	65.00 R	2014506.86	1085386.84
5055	67+89.01	65.00 R	2014506.17	1085339.23
5056	68+89.88	65.00 R	2014504.39	1085743.73
5057	67+13.02	119.96 R	2014451.90	1085586.75

**DBS** DB STERLIN CONSULTANTS, INC.  
 123 N. WACKER DRIVE, SUITE 2000  
 CHICAGO, ILLINOIS 60606  
 TEL: (312)867-0066 FAX: (312)867-0066

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 L-22

SECTION: QUENTIN ROAD TO N. KRUEGER ROAD  
 PROJECT: COUNTY: LAKE  
 STATION: 63+99.62 TO 69+31.07 JOB NO: R-11-009-1  
 SCALE: 1" = 30' SHEET 10 OF 25

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

USER NAME = AQUINOMA	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/23/2021	DATE -	REVISED -

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

**BUILDING DEMOLITION (LOCATION 1)**  
**PLAT OF HIGHWAYS**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	2019-132-DM&T	LAKE	25	19
CONTRACT NO. 62K05				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
 FILE NAME: P:\Information\dot\illinois\p\PROJECTS\172820\CADD\Design\172820-sh-bldg.dwg  
 PROJECT: 172820\CADD\Design\172820-sh-bldg.dwg

PART OF THE SE 1/4 OF SECTION 14 & THE NE 1/4 OF SECTION 23, TWP. 43 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER

SECTION LINE  
QUARTER SECTION LINE  
QUARTER, QUARTER SECTION LINE  
PLATTED LOT LINES  
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  
RECORDED DIMENSION  
EXISTING BUILDING

Coordinates are based on the Illinois State Plane Coordinate System, East Zone, NAD83, East Zone, at Grid.  
Combined Scale Factor (Ground to Grid) = 0.99990185  
Combined Scale Factor (Grid to Ground) = 1.0000481534

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 3/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.  
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 3/8 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. STANDARD 2135 (TO BE SET BY OTHERS)  
RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS )  
COUNTY OF COOK )

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001809, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 22, TOWNSHIP 43 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 CHICAGO, ILLINOIS THIS 26TH DAY OF JULY, 2017 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134  
LICENSE EXPIRATION DATE: NOV. 30, 2018

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

DB STERLIN CONSULTANTS, INC.  
123 N. WACKER DRIVE SUITE 2000  
CHICAGO, ILLINOIS 60606  
TEL. (312)857-1006 FAX. (312)857-1066

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
L-22

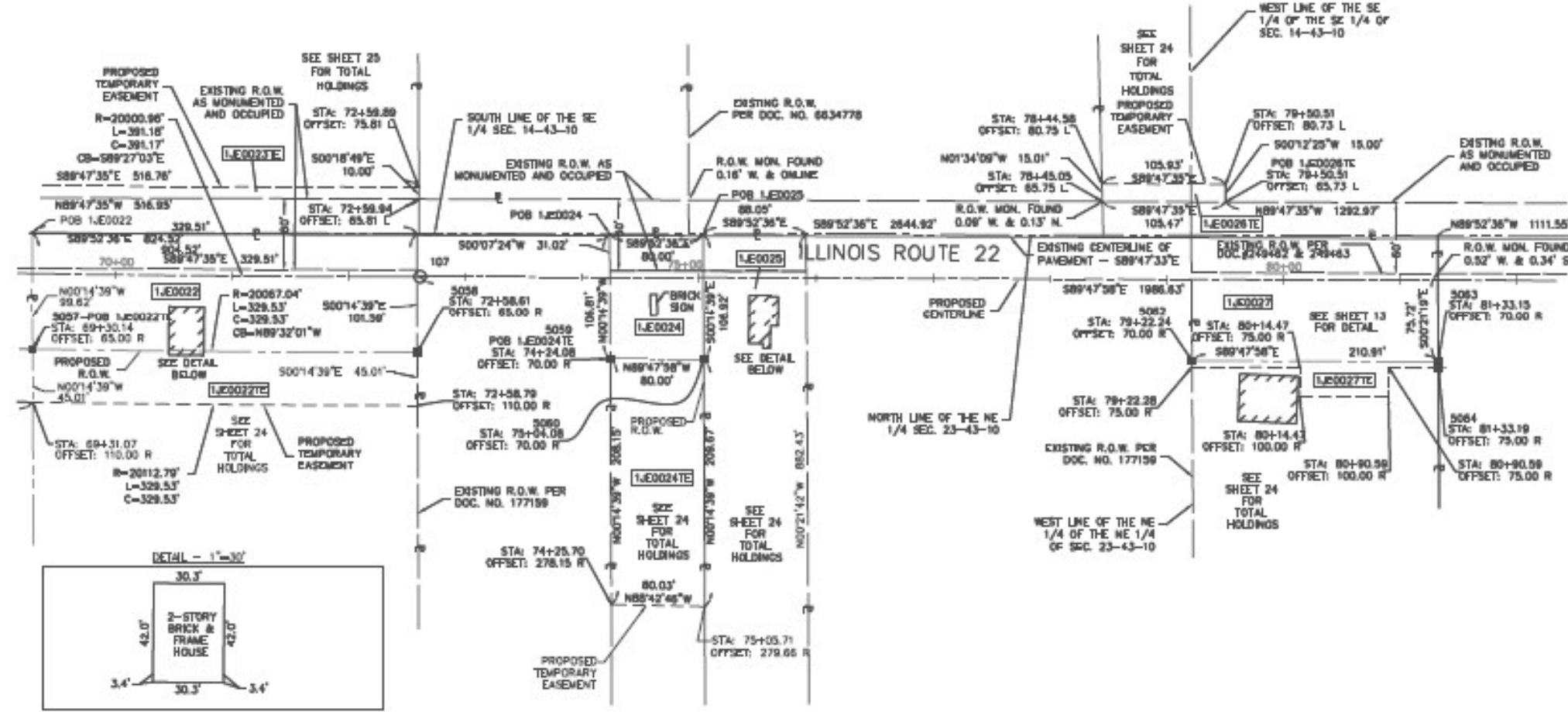
SECTION: QUENTIN ROAD TO N. KRUEGER ROAD  
PROJECT: COUNTY: LAKE  
STATION: 69+30.14 TO 81+33.19 JOB NO.: R-91-009-1  
SCALE: 1" = 60' SHEET 11 OF 25

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

RECEIVED  
JUL 25 2018  
PLATS & LEGALS

CONTINUED ON SHEET 9

CONTINUED ON SHEET 12



**COORDINATE TABLE**

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
5057	69+30.14	85.00 R	2014563.31	1066804.20
5058	72+58.61	85.00 R	2014563.31	1066804.20
5059	74+24.08	70.00 R	2014520.83	1066133.70
5060	75+04.08	70.00 R	2014489.06	1066298.92
5062	79+22.24	70.00 R	2014484.47	1066487.18
5063	81+33.15	70.00 R	2014483.31	1066797.04
5064	81+33.19	75.00 R	2014487.57	1067007.97

**COORDINATE TABLE - L 22 PROPOSED CENTERLINE**

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
107 - PT	72+81.06	0.00	2014565.82	1066136.14

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1.E0022 1.E0022E	WALTH REALTY GROUP, LLC. AS TO AN UNDIVIDED 16% INTEREST, HENRIEY H. ENGLISH, TRUSTEE OF THE HENRIEY H. ENGLISH TRUST AS TO AN UNDIVIDED 16% INTEREST AND ROBERT D. ROSE TRUST, AS TRUSTEE OF THE ROBERT D. ROSE TRUST DATED MARCH 20, 2005, AS TO AN UNDIVIDED 20% INTEREST AS TENANTS IN COMMON	9.995	0.764	0.251	9.231	0.340	N/A		14-23-200-304	
1.E0023E	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO ANCOBE INVESTMENT GROUP, N.A. AS TRUSTEE UNDER TRUST AGREEMENT DATED THE 8TH DAY OF OCTOBER, 2007, KNOWN AS TRUST NUMBER 15504	30.205	N/A	N/A	30.205	0.119	N/A		14-14-400-019 14-14-400-020	
1.E0024 1.E0024E	ASSET VENTURES FUND I, L.P., A TEXAS LIMITED PARTNERSHIP	7.454	0.196	0.057	7.258	0.384	N/A		14-23-200-307 14-23-200-308 14-23-200-309	
1.E0025	SON & WEN FAMILY FARM LIMITED PARTNERSHIP, AN ILLINOIS PARTNERSHIP	1.442	1.442	0.083	0	0			14-23-200-0054	
1.E0026E	VILLAGE OF HILDEBR, AN ILLINOIS MUNICIPAL CORPORATION	13.791	N/A	N/A	13.791	0.036	N/A		14-14-400-016	
1.E0027 1.E0027E	DIETZ HOLD, AS TRUSTEE UNDER TRUST AGREEMENT DATED THE 6TH DAY OF OCTOBER, 1974, WITH WENH AS TRUST NUMBER 210474, ALSO KNOWN AS THE DIETZ HELDER TRUST	13.519	0.521	0.134	12.998	0.098	N/A		14-23-200-006	

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USER NAME = AQUINOMA	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/23/2021	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

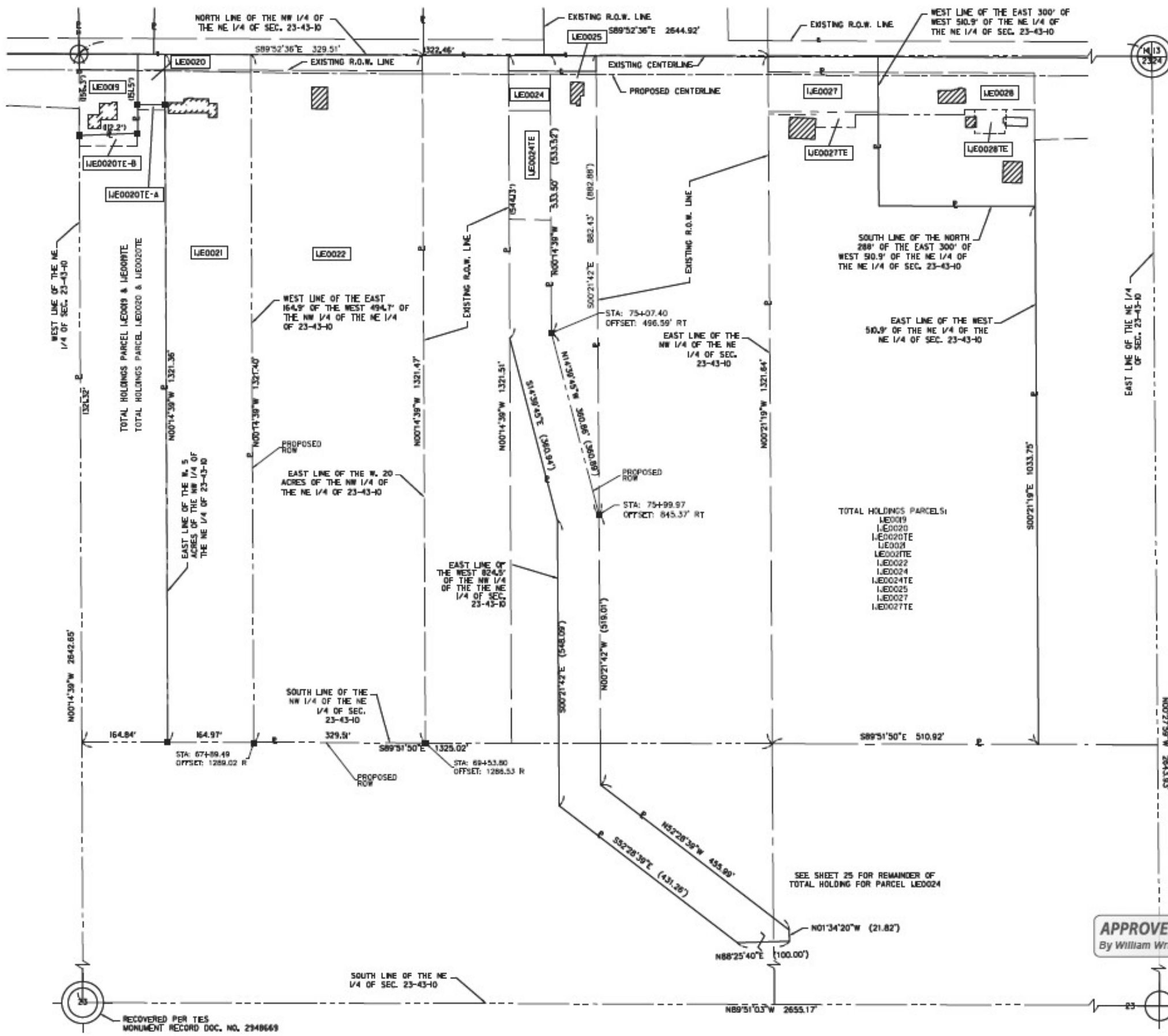
**BUILDING DEMOLITION (LOCATION 2)**  
**PLAT OF HIGHWAYS**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	2019-132-DM&T	LAKE	25	20

CONTRACT NO. 62K05  
ILLINOIS FED. AID PROJECT

PART OF SECTION 23, TWP. 43 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



**LEGEND**

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

Coordinates are based on to the Illinois State Plane Coordinate System, East Zone, NAD83, East Zone, at Grid.  
 Combined Scale Factor (Ground to Grid) = 0.9999585  
 Combined Scale Factor (Grid to Ground) = 1.000041534

GRAPHIC SCALE FEET  
 SCALE: 1" = 100'

- IRON PIPE OR ROD FOUND
- ⊕ CUT CROSS FOUND OR SET
- \*NAC\* NAIL SET
- 5 / 8" REBAR SET
- T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1, BT2, BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, L&L.T. STANDARD 235 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS 1  
 COUNTY OF COOK 1

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 084-001050, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 22, TOWNSHIP 43 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 CHICAGO, ILLINOIS THIS 26TH DAY OF JULY, 2017 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134  
 LICENSE EXPIRATION DATE: NOV. 30, 2018

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



**DBS** DB STERLIN CONSULTANTS, INC.  
 123 N. WACKER DRIVE SUITE 2000  
 CHICAGO, ILLINOIS 60606  
 TEL: (312)857-1006 FAX: (312)857-1056

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 IL-22

SECTION: QUENTIN ROAD TO N. KRUEGER ROAD  
 PROJECT: COUNTY: LAKE  
 STATION: NONE JOB NO.: R-9I-009-II  
 SCALE: 1" = 100' SHEET 24 OF 25

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

**APPROVED**  
 By William Wright at 2:45 pm, Apr 17, 2020

USER NAME = AQUINOMA	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/23/2021	DATE -	REVISED -

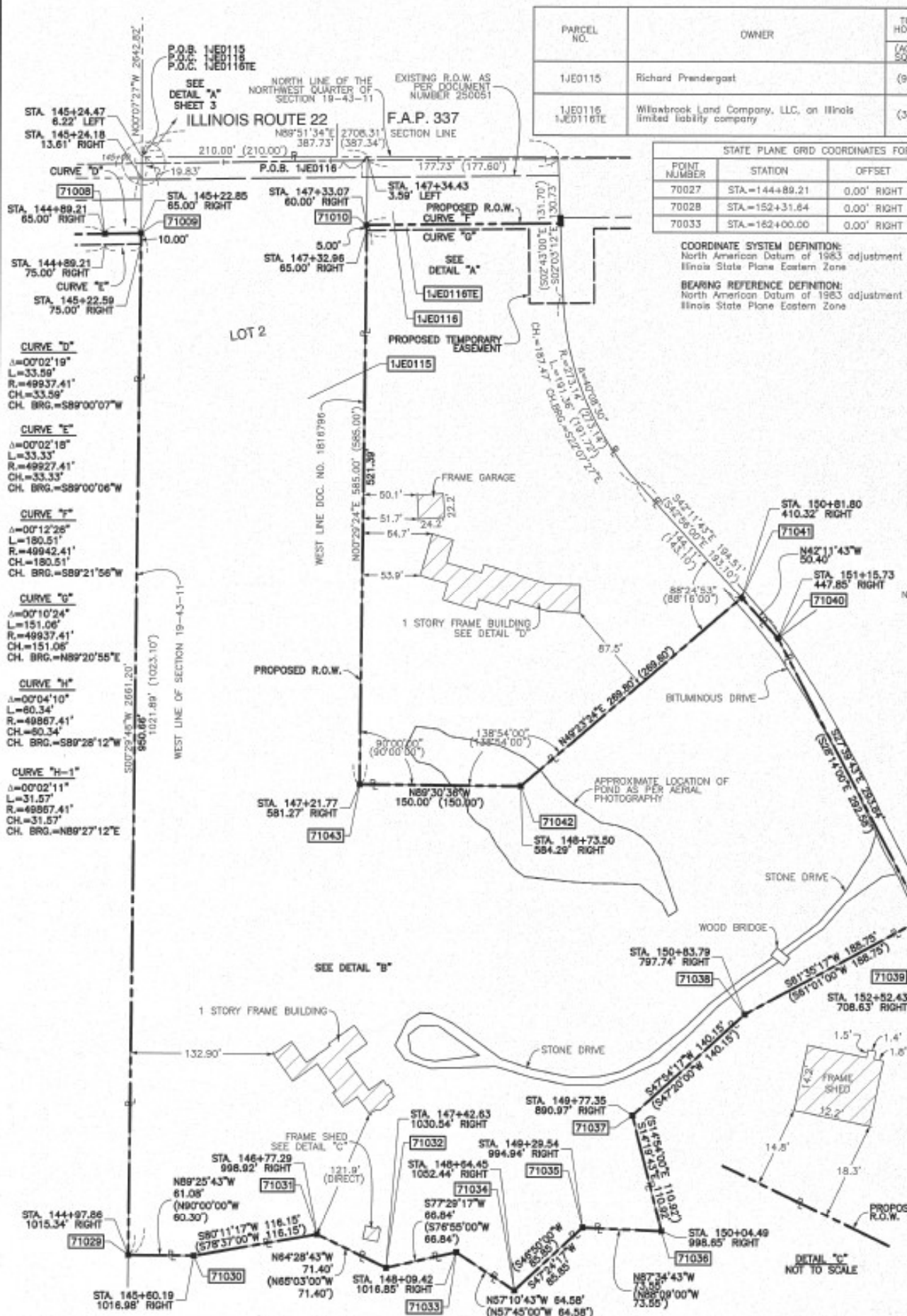
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BUILDING DEMOLITION (LOCATIONS 1 AND 2)**  
**PLAT OF HIGHWAYS**

SCALE: N.T.S SHEET OF SHEETS STA. TO STA.

F.A.P. R.T.E. 337	SECTION 2019-132-DM&7	COUNTY LAKE	TOTAL SHEETS 25	SHEET NO. 21
CONTRACT NO. 62K05				
ILLINOIS FED. AID PROJECT				

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PARCEL NO.	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREVIOUSLY DEDICATED OR USED	EASEMENT	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
		(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET			
1JE0115	Richard Prandergast	(9.319)	(9.319)	(0.000)	(0.098)	N/A	N/A	15-19-100-001	
1JE0116 1JE0116E	Wilabrook Land Company, LLC, an Illinois limited liability company	(3.127)	(0.258)	(2.869)	(0.076)	(0.070) TE	CONSTRUCTION	15-19-100-002	

STATE PLANE GRID COORDINATES FOR PROPOSED CENTERLINE				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
70027	STA.=144+89.21	0.00' RIGHT	2014639.0181	1073363.2251
70028	STA.=152+31.84	0.00' RIGHT	2014646.8882	1074105.5672
70033	STA.=182+00.00	0.00' RIGHT	2014649.5040	1075073.8773

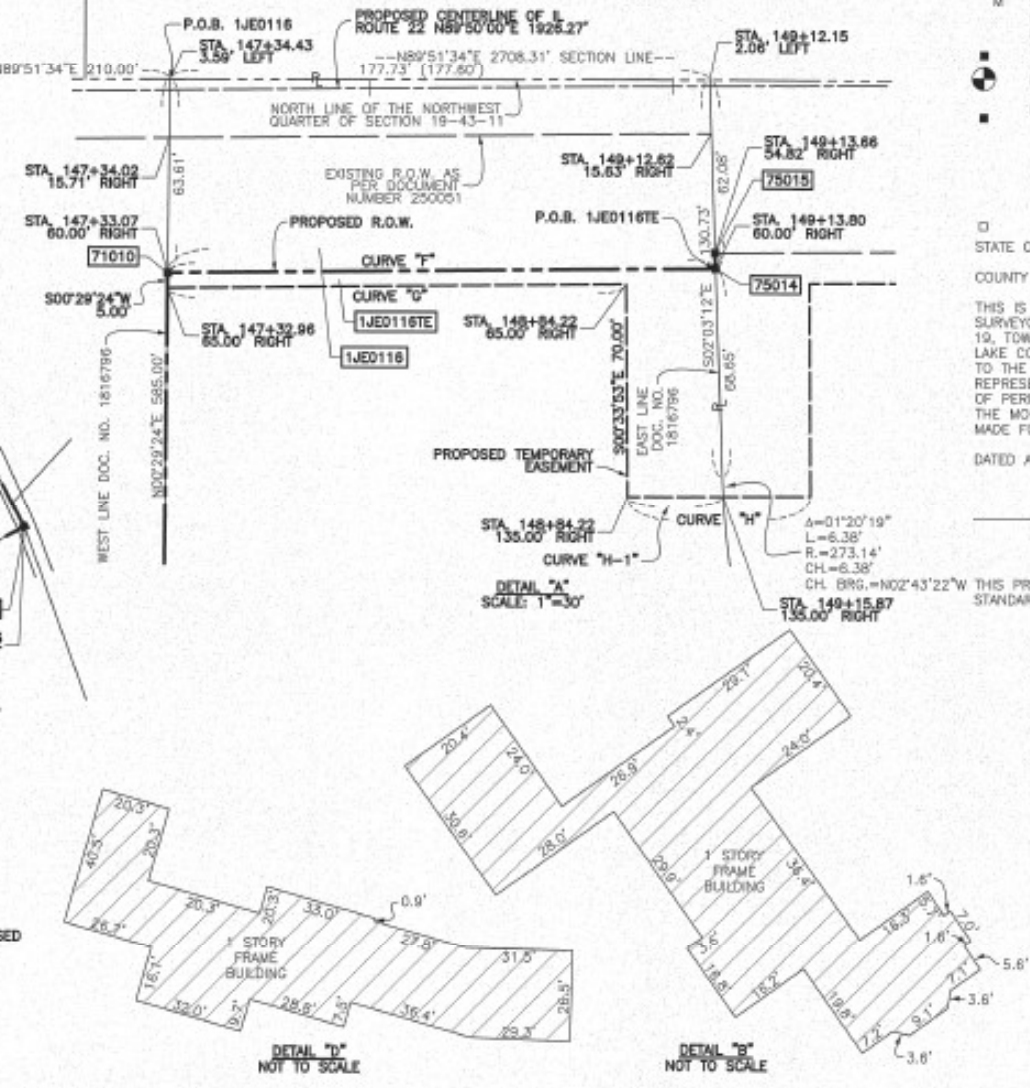
STATE PLANE GRID COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
71008	STA.=144+89.21	65.00' RIGHT	2014574.0319	1073364.3791
71009	STA.=145+22.85	65.00' RIGHT	2014574.6166	1073397.9658
71010	STA.=147+33.07	60.00' RIGHT	2014582.7609	1073607.8138
71029	STA.=144+97.86	1015.34' RIGHT	2013624.0415	1073389.7241
71030	STA.=145+80.19	1016.98' RIGHT	2013623.4324	1073450.7989
71031	STA.=146+77.29	998.92' RIGHT	2013643.2255	1073565.2444
71032	STA.=147+42.83	1030.54' RIGHT	2013612.4645	1073629.6745
71033	STA.=148+09.42	1016.85' RIGHT	2013626.8444	1073694.9239
71034	STA.=148+85.45	1052.44' RIGHT	2013591.8424	1073749.1921
71035	STA.=149+29.54	994.94' RIGHT	2013650.0443	1073812.3877
71036	STA.=150+04.49	998.65' RIGHT	2013646.9372	1073885.8684
71037	STA.=149+77.35	890.87' RIGHT	2013754.4015	1073858.4187
71038	STA.=150+83.79	797.74' RIGHT	2013848.3489	1073962.4092
71039	STA.=152+52.43	708.63' RIGHT	2013938.1536	1074128.4160
71040	STA.=151+15.73	447.85' RIGHT	2014198.3994	1073992.0037
71041	STA.=150+81.80	410.32' RIGHT	2014235.7358	1073958.1549
71042	STA.=148+73.50	584.29' RIGHT	2014060.1279	1073753.3415
71043	STA.=147+21.77	581.27' RIGHT	2014061.4109	1073603.3542
75014	STA.=149+13.80	60.00' RIGHT	2014584.7593	1073788.3031
75015	STA.=149+13.66	54.82' RIGHT	2014589.9396	1073788.1174

**COORDINATE SYSTEM DEFINITION:**  
North American Datum of 1983 adjustment of 2007 (N.A.D. '83 (2007))  
Illinois State Plane Eastern Zone

**BEARING REFERENCE DEFINITION:**  
North American Datum of 1983 adjustment of 2007 (N.A.D. '83 (2007))  
Illinois State Plane Eastern Zone

**LEGEND**

- SECTION CORNER
  - QUARTER SECTION CORNER
  - SECTION LINE
  - QUARTER SECTION LINE
  - FLATTED LOT LINE
  - PROPERTY (DEED) LINE
  - APPARENT PROPERTY LINE
  - CENTER LINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED CENTER 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
  - 3/4" IRON PIPE 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 T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8" INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8" INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET.



THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 19, TOWNSHIP 43 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN LAKE COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 3RD DAY OF AUGUST, 2011 A.D.

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

**Robinson ENGINEERING**  
17000 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 337 (ILLINOIS ROUTE 22)  
NORTH KRUEGER ROAD TO IL ROUTE 83  
SECTION LAKE COUNTY  
PROJECT JOB NO. R-91-009-11  
STATION 145+24.47 TO STATION: 152+52.43  
SCALE: 1"=60'  
SHEET 12 OF XX

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

USER NAME = AQUINOMA	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/23/2021	DATE -	REVISED -

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

<b>BUILDING DEMOLITION (LOCATION 3)</b>	
<b>PLAT OF HIGHWAYS</b>	
SCALE: N.T.S.	SHEET OF SHEETS
STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	2019-132-DM&T	LAKE	25	22
CONTRACT NO. 62K05				
ILLINOIS FED. AID PROJECT				

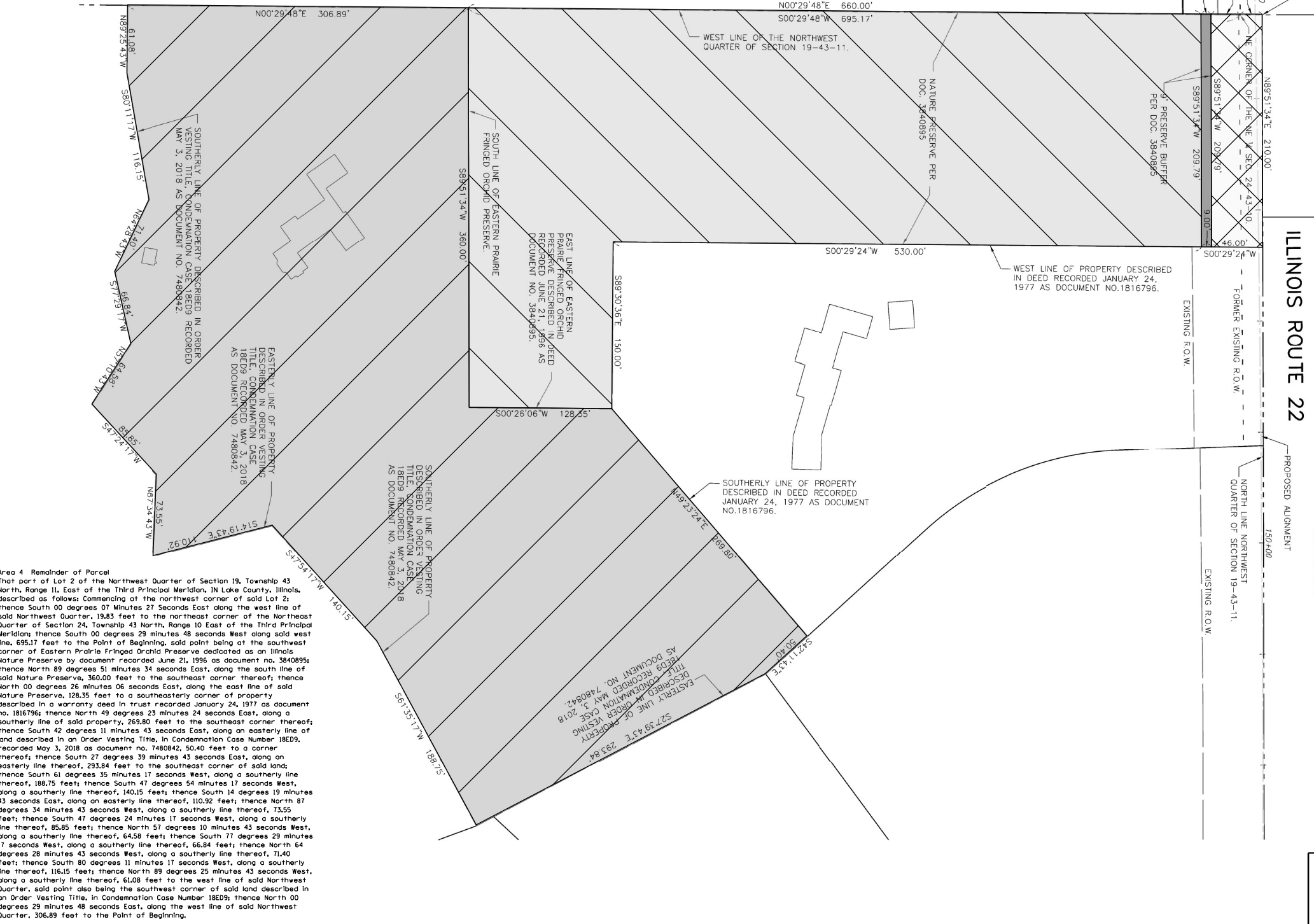
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# EXHIBIT

## Area 3 Eastern Prairie Fringed Orchid Nature Preserve

That part of Lot 2 of the Northwest Quarter of Section 19, Township 43 North, Range 11, East of the Third Principal Meridian, IN Lake County, Illinois, described as follows: Commencing at the northwest corner of said Lot 2; thence South 00 degrees 07 Minutes 27 Seconds East along the west line of said Northwest Quarter, 19.83 feet to the northeast corner of the Northeast Quarter of Section 24, Township 43 North, Range 10 East of the Third Principal Meridian; thence South 00 degrees 29 minutes 48 seconds West along said west line, 35.17 feet to the Point of Beginning; thence North 89 degrees 51 minutes 34 seconds East, 209.79 feet to the west line of property described in a warranty deed in trust recorded January 24, 1977 as document no. 1816796; thence South 00 degrees 29 minutes 24 seconds West along said west line, 530.00 feet to the southwest corner of said property; thence South 89 degrees 30 minutes 36 seconds East, along the south line of said property, 150.00 feet to a corner thereof; thence South 00 degrees 26 minutes 06 seconds West, along the east line of Eastern Prairie Fringed Orchid Preserve dedicated as an Illinois Nature Preserve by document recorded June 21, 1996 as document no. 3840895, 128.35 feet to the southeast corner thereof; thence South 89 degrees 51 minutes 34 seconds West, along the south line of said Nature Preserve, 360.00 feet to the west line of said Northwest Quarter, also being the west line of said Nature Preserve; thence North 00 degrees 29 minutes 48 seconds East, along said west line, 660.00 feet to the Point of Beginning.

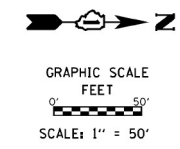
Sold Parcel containing 3.624 acres, more or less



## Area 4 Remainder of Parcel

That part of Lot 2 of the Northwest Quarter of Section 19, Township 43 North, Range 11, East of the Third Principal Meridian, IN Lake County, Illinois, described as follows: Commencing at the northwest corner of said Lot 2; thence South 00 degrees 07 Minutes 27 Seconds East along the west line of said Northwest Quarter, 19.83 feet to the northeast corner of the Northeast Quarter of Section 24, Township 43 North, Range 10 East of the Third Principal Meridian; thence South 00 degrees 29 minutes 48 seconds West along said west line, 695.17 feet to the Point of Beginning, said point being at the southwest corner of Eastern Prairie Fringed Orchid Preserve dedicated as an Illinois Nature Preserve by document recorded June 21, 1996 as document no. 3840895; thence North 89 degrees 51 minutes 34 seconds East, along the south line of said Nature Preserve, 360.00 feet to the southeast corner thereof; thence North 00 degrees 26 minutes 06 seconds East, along the east line of said Nature Preserve, 128.35 feet to a southeasterly corner of property described in a warranty deed in trust recorded January 24, 1977 as document no. 1816796; thence North 49 degrees 23 minutes 24 seconds East, along an easterly line thereof, 293.84 feet to the southeast corner of said land; thence South 61 degrees 35 minutes 17 seconds West, along a southerly line thereof, 188.75 feet; thence South 47 degrees 54 minutes 17 seconds West, along a southerly line thereof, 140.15 feet; thence South 14 degrees 19 minutes 43 seconds East, along an easterly line thereof, 110.92 feet; thence North 87 degrees 34 minutes 43 seconds West, along a southerly line thereof, 73.55 feet; thence South 47 degrees 24 minutes 17 seconds West, along a southerly line thereof, 85.85 feet; thence North 57 degrees 10 minutes 43 seconds West, along a southerly line thereof, 64.58 feet; thence South 77 degrees 29 minutes 17 seconds West, along a southerly line thereof, 66.84 feet; thence North 64 degrees 28 minutes 43 seconds West, along a southerly line thereof, 71.40 feet; thence South 80 degrees 11 minutes 11 seconds West, along a southerly line thereof, 116.15 feet; thence North 89 degrees 25 minutes 43 seconds West, along a southerly line thereof, 61.08 feet to the west line of said Northwest Quarter, said point also being the southwest corner of said land described in an Order Vesting Title, in Condemnation Case Number 18E09; thence North 00 degrees 29 minutes 48 seconds East, along the west line of said Northwest Quarter, 306.89 feet to the Point of Beginning.

Sold Parcel containing 5.430 acres, more or less



### LEGEND

	SECTION / QUARTER SECTION LINE
	PLATTED LOT LINES
	PROPERTY (DEED) LINE
	APPARENT PROPERTY LINE
	EXISTING CENTERLINE
	PROPOSED CENTERLINE
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	EXISTING EASEMENT
	PROPOSED EASEMENT
	EXISTING ACCESS CONTROL LINE
	PROPOSED ACCESS CONTROL LINE
	MEASURED DIMENSION
	COMPUTED DIMENSION
	RECORDED DIMENSION
	EXISTING BUILDING

- CONVERSION TO HIGHWAY USE, TOTAL AREA = 0.222 AC.
- NATURAL PRESERVE BUFFER, TOTAL AREA = 0.043 AC.
- EASTERN PRAIRIE FRINGED ORCHID NATURAL PRESERVE, TOTAL AREA = 3.624 AC.
- REMAINDER OF PARCEL, TOTAL AREA = 5.430 AC.

### EXHIBIT

## STATE OF ILLINOIS

### DEPARTMENT OF TRANSPORTATION

#### ILLINOIS ROUTE 22

LIMITS: COUNTY: LAKE  
 SECTION: JOB NO.: R-91-009-11  
 STA. TO STA.  
 SCALE: 1" = 50' SHEET 1 OF 1 SHEETS

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

REVISION DATE: / / REVISION MADE BY:



USER NAME = bhartma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/24/2022	DATE -	REVISED -

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

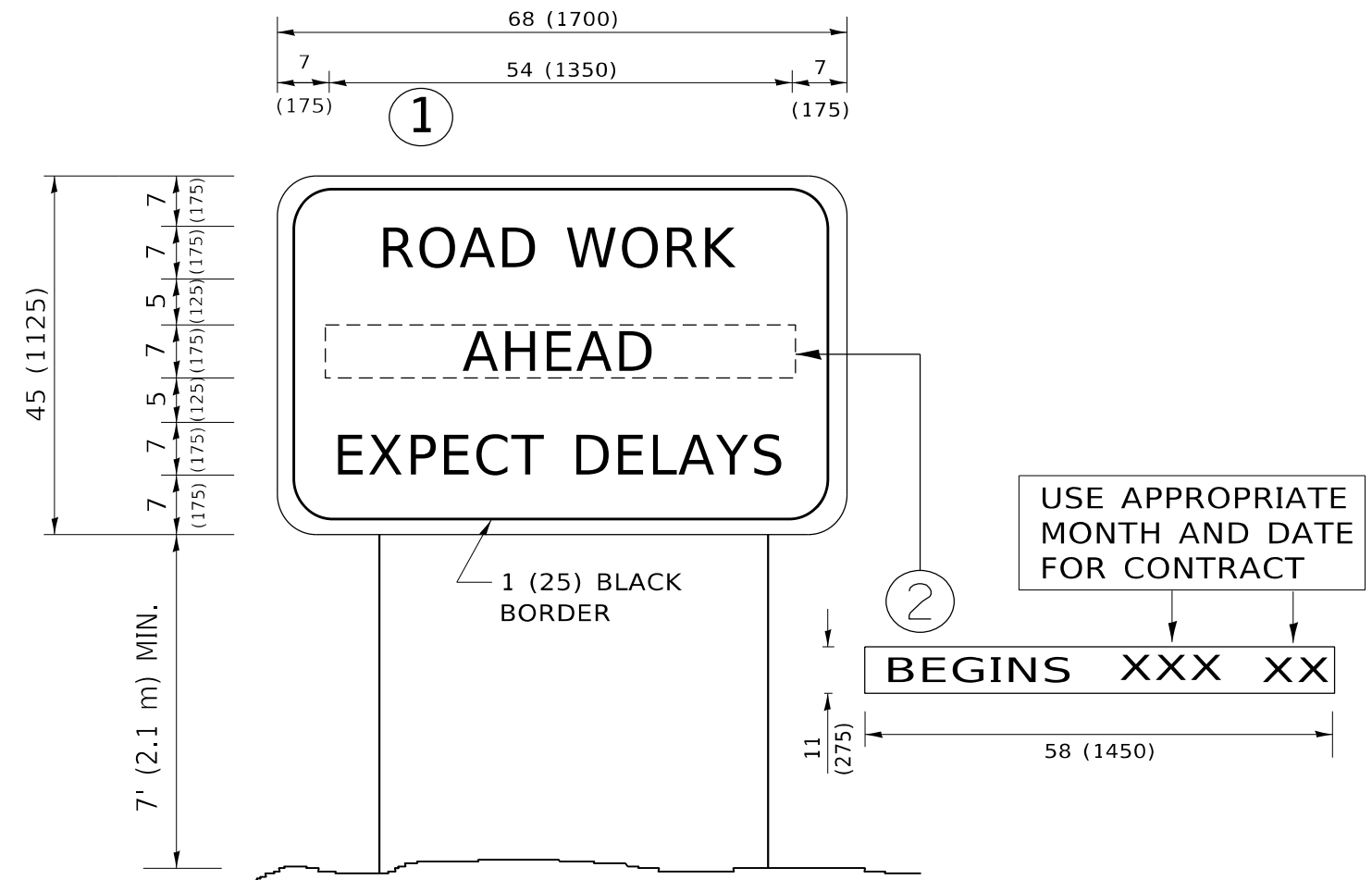
**IL ROUTE 22 BUILDING DEMOLITION**  
**PLAT OF HIGHWAYS (FOR INFORMATION ONLY)**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
337	2019-132-DM&T	LAKE	26	23
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 62K05	







**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.

MODEL: Default  
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USER NAME = Michelle.Aquino	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/20/2023	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	2019-132-DM&T	LAKE	25	25
<b>TC-22</b>			CONTRACT NO.62K05	
ILLINOIS FED. AID PROJECT				