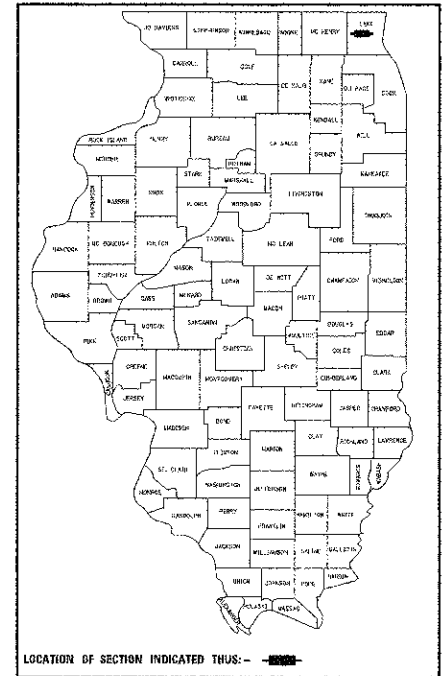


IMPROVEMENT LOCATED IN THE VILLAGE OF GRAYSLAKE

DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

F.A.U. 0198 (ATKINSON ROAD)  
IL ROUTE 137 TO SOUTH CORPORATE CIRCLE  
LAKE COUNTY  
SECTION 00-00045-00-PV  
PROJECT NO. HPP-3246 (004)  
C-91-333-01



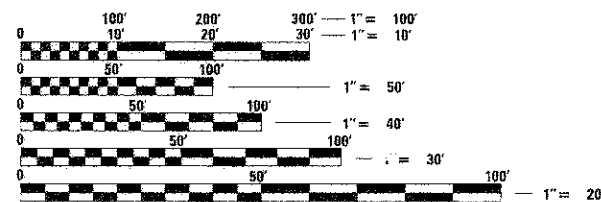
INDEX OF SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

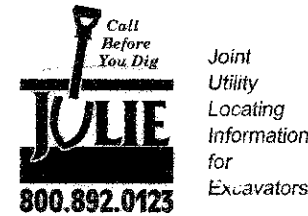
**ATKINSON ROAD**  
FUNCTIONAL CLASSIFICATION  
COLLECTOR - URBAN  
2007 ADT = 12,100  
2016 ADT = 12,300

<b>IL ROUTE 137</b> FUNCTIONAL CLASSIFICATION MINOR ARTERIAL 2009 ADT = 15,000 2016 ADT = 18,500	<b>IL ROUTE 120</b> FUNCTIONAL CLASSIFICATION FREEWAY, EXPRESSWAY 2009 ADT = 18,100 2016 ADT = 25,400
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FOR LIST OF STATE STANDARDS, SEE SHEET NO. 3

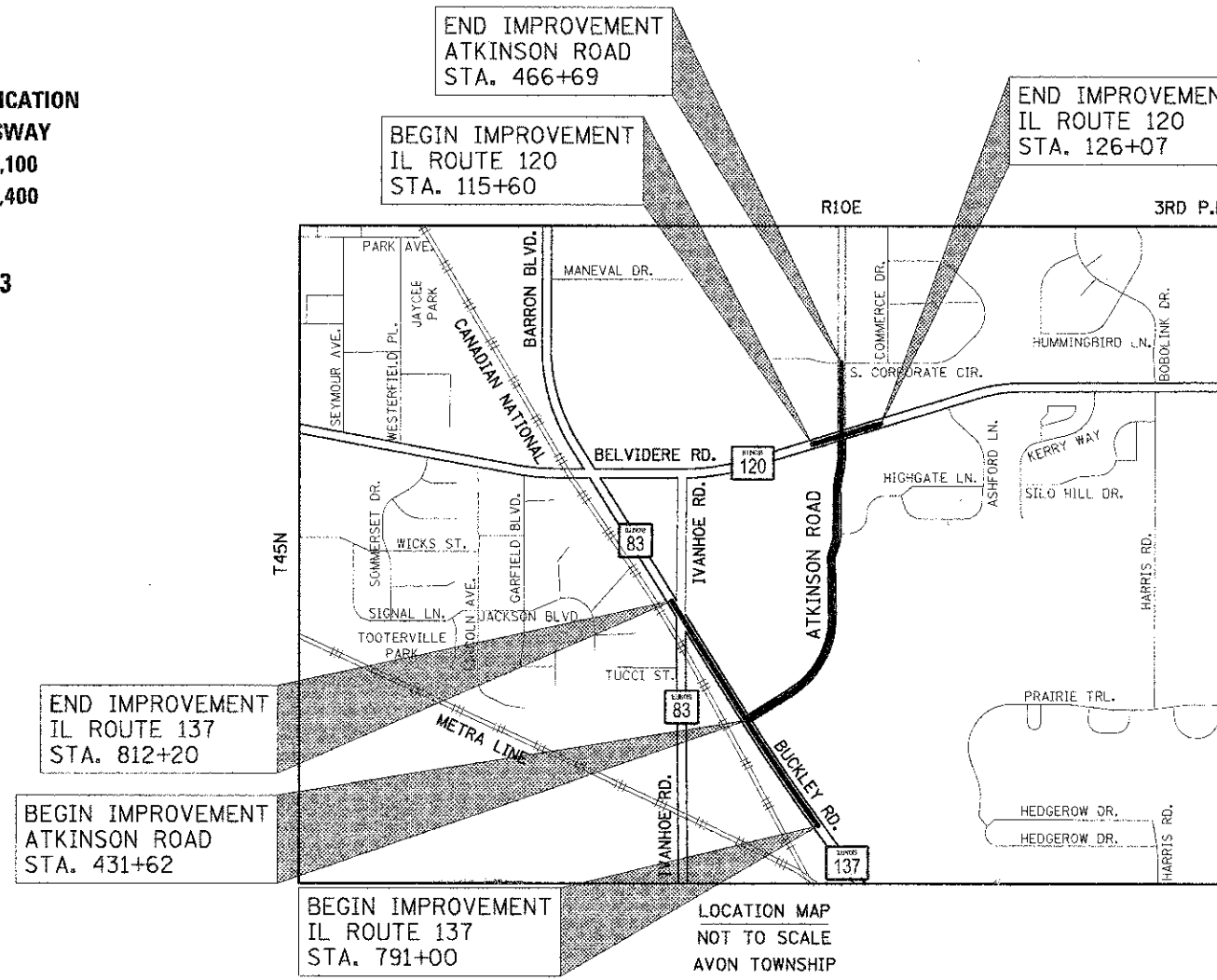


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.



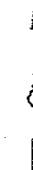
Call 48 hours before you dig  
(Excluding Sat., Sun. & Holidays)

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



PROJECT LENGTH:  
ATKINSON ROAD - 3,507 FT (0.66 MILE) (NET & GROSS)  
IL ROUTE 137 - 2,120 FT (0.40 MILE) (NET & GROSS)  
IL ROUTE 120 - 1,047 FT (0.20 MILE) (NET & GROSS)  
PROJECT TOTAL - 6,674 FT (1.26 MILE) (NET & GROSS)

DESIGN AND POSTED SPEEDS:  
ATKINSON ROAD - 45 MPH DESIGN; 40 MPH POSTED STA. 431+62 TO STA. 452+00  
40 MPH DESIGN; 35 MPH POSTED STA. 452+00 TO STA. 466+69  
IL ROUTE 137 - 60 MPH DESIGN; 55 MPH POSTED STA. 791+00 TO STA. 798+17  
45 MPH DESIGN; 40 MPH POSTED STA. 798+17 TO STA. 812+20  
IL ROUTE 120 - 45 MPH DESIGN; 40 MPH POSTED STA. 115+60 TO STA. 126+07



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	October 25 <sup>th</sup> 2011 <i>Scott Taylor</i>
VILLAGE OF GRAYSLAKE	
PASSED	November 18 2011 <i>C. H. H. Christopher</i>
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW	NOVEMBER 18, 2011 <i>Diana M. O'Keefe</i>
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER	

APPLIES TO SHEETS 103-116	APPLIES TO SHEETS 1-102; 117-145
<i>Joseph J. Emry</i> REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2012	<i>Derek N. Mall</i> REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2012



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

CONSULTANT ENGINEER: DEREK N. MALL, P.E.  
PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. (847) 705-4406

**SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2012; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 SIXTH EDITION, THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.

**STAKING**

- ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
- PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.
- THE CONSTRUCTION BASELINE HAS BEEN ESTABLISHED FOR STAKING PURPOSES ONLY AND IS NOT INTENDED TO BE A CENTERLINE OF RIGHT-OF-WAY.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE VILLAGE, THE STATE, ITS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

**PAVING AND CURB & GUTTER**

- THE CONTRACTOR SHALL SAW CUT PAVEMENT, CURB & GUTTER, MEDIAN AND SIDEWALK AS INDICATED ON THE PLANS TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED BY MEANS OF AN APPROVED SAW TO FULL DEPTH AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.  
  
THE CONTRACTOR SHALL BE REQUIRED TO SAW VERTICAL CUTS SO AS TO FORM CLEAN VERTICAL JOINTS. SHOULD THE CONTRACTOR DEFACE ANY EDGE, A NEW SAWED JOINT SHALL BE PROVIDED AND ANY ADDITIONAL WORK, INCLUDING REMOVAL AND REPLACEMENT, SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.
- BINDER COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY CURED AND BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
- HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
- THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE BINDER OR BASE UPON WHICH THE HOT-MIX ASPHALT MATERIALS ARE PLACED.
- REMOVAL OF EXISTING COMBINATION CURB AND GUTTER SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL" REGARDLESS OF THE CURB AND GUTTER TYPE.

**LANDSCAPING**

- THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**TEMPORARY TRAFFIC CONTROL ZONE**

- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR II BARRICADE USED, ONE (1) SAND BAG ACROSS EACH BOTTOM RAIL. TYPE III BARRICADES SHALL HAVE FOUR (4) WEIGHTED SAND BAGS.
- LANE RESTRICTIONS, FLAGGING, OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE RAILROAD TRACKS. IF THE QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSING TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE.

**SEWER**

- THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE SEWER OR STRUCTURE BEING CONSTRUCTED.
- UNLESS OTHERWISE NOTED ON THE PLANS, THE EXISTING DRAINAGE FACILITIES SHALL REMAIN IN USE DURING THE PERIOD OF CONSTRUCTION. LOCATIONS OF EXISTING DRAINAGE STRUCTURES AND SEWERS AS SHOWN ON THE PLANS ARE APPROXIMATE. PRIOR TO COMMENCING WORK THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL DETERMINE THE EXACT LOCATIONS OF EXISTING STRUCTURES WHICH ARE WITHIN THE PROPOSED CONSTRUCTION LIMITS. DURING CONSTRUCTION, IF THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS, UNDERDRAINS OR FIELD DRAINS WITHIN THE RIGHT-OF-WAY OTHER THAN THOSE SHOWN ON THE PLANS, HE SHALL SO INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF THE NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE. SHOULD THE ENGINEER HAVE DIRECTED THE REPLACEMENT OF A FACILITY, THE NECESSARY WORK AND PAYMENT SHALL BE IN ACCORDANCE WITH SECTIONS 550 AND 601, AND ARTICLE 104.02 OF THE STANDARD SPECIFICATIONS.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. HE SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWER ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT.
- ALL ABANDONED PIPE AND STRUCTURE INVERTS SHALL BE PLUGGED WITH BRICK AND MORTAR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE SEWER ITEMS BEING REMOVED.
- TOP OF FRAME ("RJM") ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST.
- DRAINAGE STRUCTURE FLAT SLAB TOPS AND CONES SHALL BE TURNED SO THAT THE FRAMES ARE CLOSEST TO THE CENTERLINE OF THE ROAD. ALL FLAT SLAB TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
- ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO SAID SERVICES NOT CONSIDERED TO BE IN CONFLICT WITH THE PROPOSED STORM SEWER SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES AND CATCH BASINS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS.
- SPRINKLER SYSTEMS THAT ARE FOUND WITHIN THE EXISTING OR PROPOSED RIGHT-OF-WAY SHALL BE REMOVED BY THE CONTRACTOR. THE EXISTING SPRINKLER PIPING TO REMAIN OUTSIDE OF THE RIGHT-OF-WAY SHALL BE CAPPED BY THE CONTRACTOR, USING A METHOD APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER A MINIMUM OF 72 HOURS PRIOR TO PERFORMING THIS WORK. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF "EARTH EXCAVATION".

**TREE REMOVAL, CLEARING, AND HEDGE REMOVAL**

- WHEN TREE TRUNK PROTECTION REQUIRES TEMPORARY FENCING, IT SHALL BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION OR AS DIRECTED BY THE ENGINEER. AFTER TREES ARE SAFELY FENCED, NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCED AREA. PROTECTIVE TEMPORARY FENCE IS TO BE REMOVED ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

**EXCAVATION**

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, LAKE COUNTY, THE VILLAGE OF GRAYSLAKE, AND THE TOWNSHIP OF AVON FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- ALL EXCESS MATERIAL (BROKEN CONCRETE, SEWER PIPE, WASTE ROADWAY EXCAVATION AND SURPLUS MATERIAL FROM SEWER TRENCHES) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS IN THE CONTRACT.
- POROUS GRANULAR EMBANKMENT, SUBGRADE HAS BEEN PROVIDED TO REPLACE SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. THE REMOVAL AND REPLACEMENT AREA SHALL EXTEND TO 12 INCHES BEYOND THE CURB AND GUTTER AND COME UP AT A 1:1 SLOPE TO EXISTING GROUND SURFACE. THESE LIMITS MAY BE ALTERED BY THE ENGINEER IF FIELD CONDITIONS SO WARRANT. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE PLACED BETWEEN THE EXISTING SUBGRADE AND THE PROPOSED PGES. REMOVAL OF THESE UNSUITABLE SOILS SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL."
- REMOVAL OF EXISTING AGGREGATE SHOULDERS SHALL BE PAID FOR AS PART OF "EARTH EXCAVATION."
- ALL AREAS OF PLANNED TREATMENT SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR. ALL POTENTIALLY UNSTABLE/UNSUITABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL (SS). ANY PGES AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION QUANTITIES NOT USED DURING CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT.
- THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR WORKER PROTECTION.

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USER NAME: jsm	DESIGNED: JSM	REVISED:
FILE NAME: 2189-plt-garross@idm	DRAWN: JSM	REVISED:
PLOT SCALE: 1:2000	CHECKED: DM	REVISED:
PLCT DATE: 3/7/2012	DATE: 02/06/12	REVISED:

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF DRAWINGS  
AND STANDARD DRAWINGS

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS
198	00-00045-00-PV	LAKE	195   2
			CONTRACT NO. 63640
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

**EROSION CONTROL**

1. ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.
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. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE ANY WORK BEGINS.
4. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.
5. ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.
6. ALL SLOPES SHALL BE COVERED WITH SOD OR SEED & EROSION CONTROL BLANKET AS SOON AS GRADING AND PLACEMENT OF TOPSOIL HAS BEEN COMPLETED.
7. INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES IN THE CURB AND GUTTER.
8. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.

**UTILITIES**

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE "STANDARD SPECIFICATIONS." THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE UTILITY OWNER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS OF HIS CONSTRUCTION SCHEDULE AND SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY OWNERS SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER. NOTIFICATION SHALL BE IN WRITING, WITH COPIES TRANSMITTED TO THE ENGINEER.

3. ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE VILLAGE OR STATE.

4. THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR CONSTRUCTION STAGING NECESSARY TO ACCOMMODATE UTILITY RELOCATION OR ADJUSTMENT AND/OR FOR DELAYS CAUSED BY UTILITY RELOCATION OR ADJUSTMENT.

5. THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY FOR DEWATERING TRENCH EXCAVATIONS AS WELL AS SHORING TRENCH WALLS DURING UTILITY OPERATIONS. COMPLIANCE WITH THE ABOVE WILL BE INCIDENTAL TO THE UTILITY INSTALLATIONS.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS AND WATER MAINS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT OR RELOCATION OF THEIR FACILITIES, IF NECESSARY.

**EPOXY COATING ON REINFORCEMENT (DISTRICT ONE)**

1. THE WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.

**MISCELLANEOUS**

1. DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
2. UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.

**STATE STANDARDS**

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-06	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 36" DIA. AT RIGHT ANGLES WITH ROADWAY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-03	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54" PIPE)
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-03	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604036-02	GRATE TYPE 8
604091-02	FRAME AND GRATE TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS * 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS * 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS * 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-03	TYPICAL PAVEMENT MARKINGS
814001-02	HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
857006-01	SUPERVISED RAILROAD INTERCONNECT CIRCUIT
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS



USER NAME = mjp	DESIGNED - JSM	REVISED -
FILE NAME = ...12189+shtrgmmno142.dwg	DRAWN - JSM	REVISED -
PLOT SCALE = 1:2000 / in.	CHECKED - DNM	REVISED -
PLOT DATE = 3/5/2012	DATE - 02/06/12	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF DRAWINGS  
AND STANDARD DRAWINGS

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

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 3
CONTRACT NO. 63640			FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT	

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				HPP FUNDS					
				ATKINSON ROAD & IL ROUTE 120			IL ROUTE 137		
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL
			ROADWAY NEW CON. 0001	ROADWAY RECON. 0004	SAFETY 0021	ROADWAY RECON. 0004	SAFETY 0021	TRAINEES 0042	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	376	193	18	0	165	0	0
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	552	364	0	0	188	0	0
20101000	TEMPORARY FENCE	FOOT	2,005	655	1,350	0	0	0	0
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	7	0	5	0	2	0	0
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	6	0	3	0	3	0	0
20200100	EARTH EXCAVATION	CU YD	26,891	22,128	1,046	0	3,717	0	0
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	22,411	20,415	0	0	1,996	0	0
20400800	FURNISHED EXCAVATION	CU YD	14,100	14,100	0	0	0	0	0
20800150	TRENCH BACKFILL	CU YD	355	262	90	0	3	0	0
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	12,914	10,669	634	0	1,611	0	0
25000200	SEEDING, CLASS 2	ACRE	6.94	6.94	0	0	0	0	0
25000210	SEEDING, CLASS 2A	ACRE	4.11	2.11	0	0	2.00	0	0
25000300	SEEDING, CLASS 3	ACRE	2.06	2.06	0	0	0	0	0
25000350	SEEDING, CLASS 7	ACRE	16.02	13.23	0.79	0	2.00	0	0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,443	1,191	72	0	180	0	0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,443	1,191	72	0	180	0	0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,443	1,191	72	0	180	0	0
25100115	MULCH, METHOD 2	ACRE	8.09	7.30	0.79	0	0	0	0
25100630	EROSION CONTROL BLANKET	SQ YD	35,806	26,139	0	0	9,667	0	0
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	834	834	0	0	0	0	0
25200110	SODDING, SALT TOLERANT	SQ YD	6,726	2,923	3,803	0	0	0	0
25200200	SUPPLEMENTAL WATERING	UNIT	105	64	35	0	6	0	0
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	492	444	0	0	48	0	0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,602	1,323	79	0	200	0	0
28000400	PERIMETER EROSION BARRIER	FOOT	5,297	2,528	382	0	2,387	0	0
28000500	INLET AND PIPE PROTECTION	EACH	46	32	14	0	0	0	0
28100101	STONE RIPRAP, CLASS A1	SQ YD	112	112	0	0	0	0	0
28100105	STONE RIPRAP, CLASS A3	SQ YD	478	478	0	0	0	0	0
28100107	STONE RIPRAP, CLASS A4	SQ YD	169	169	0	0	0	0	0
28100109	STONE RIPRAP, CLASS A5	SQ YD	121	121	0	0	0	0	0
28200200	FILTER FABRIC	SQ YD	1,021	1,021	0	0	0	0	0
30300112	AGGREGATE SURGRADE IMPROVEMENT 12"	SQ YD	22,724	17,032	1,758	0	3,934	0	0
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	1,882	400	757	0	725	0	0
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	606	472	122	0	12	0	0
35501314	HOT MIX ASPHALT BASE COURSE, 1 1/2"	SQ YD	881	0	881	0	0	0	0

\* = SPECIALTY ITEM



DESIGNED - JSM  
DRAWN - JSM  
CHECKED - JMK  
DATE - 02/06/12

REVISED -  
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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


F.A.U. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 4
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**SUMMARY OF QUANTITIES**

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				HPP FUNDS					
				ATKINSON ROAD & IL ROUTE 120			IL ROUTE 137		
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL
			ROADWAY RECON. 0004	SAFETY 0021	ROADWAY RECON. 0004	SAFETY 0021	TRAINEES 0042		
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	555	417	123	0	15	0	0
35501318	HOT-MIX ASPHALT BASE COURSE, 8 1/2"	SQ YD	3,498	0	0	0	3,498	0	0
35501325	HOT-MIX ASPHALT BASE COURSE, 11"	SQ YD	386	0	386	0	0	0	0
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	16,072	10,869	1,842	0	3,361	0	0
40600300	AGGREGATE (PRIME COAT)	TON	39	7	14	0	18	0	0
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	736	0	425	0	311	0	0
40600895	CONSTRUCTING TEST STRIP	EACH	2	0	1	0	1	0	0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BLITT JOINT	SQ YD	88	0	61	0	27	0	0
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	167	55	110	0	2	0	0
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	565	0	565	0	0	0	0
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	914	0	0	0	914	0	0
40701861	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"	SQ YD	14,775	14,775	0	0	0	0	0
42001300	PROTECTIVE COAT	SQ YD	1,913	1,380	425	0	108	0	0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	329	0	0	329	0	0	0
42400800	DETECTABLE WARNINGS	SQ FT	94	0	0	94	0	0	0
44000100	PAVEMENT REMOVAL	SQ YD	2,531	1,473	704	0	354	0	0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	5,460	0	5,460	0	0	0	0
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	4,731	70	0	0	4,661	0	0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	735	428	198	0	109	0	0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	444	373	23	0	48	0	0
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	94	0	50	0	44	0	0
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	143	0	99	0	44	0	0
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	143	0	99	0	44	0	0
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	423	0	334	0	89	0	0
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1,098	0	0	378	0	720	0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	122	0	0	0	0	122	0
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	1,103	0	0	378	0	725	0
50105220	PIPE CULVERT REMOVAL	FOOT	341	147	125	0	69	0	0
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	14	0	0	0	14	0	0
542A0247	PIPE CULVERTS, CLASS A, TYPE 1 42"	FOOT	32	32	0	0	0	0	0
542A1087	PIPE CULVERTS, CLASS A, TYPE 2 42"	FOOT	80	80	0	0	0	0	0
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4	3	1	0	0	0	0
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	1	0	0	1	0	0
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1	0	0	0	0	0

\* = SPECIALTY ITEM

	DESIGNED: JSM DRAWN: JSM CHECKED: DNM DATE: 02/06/12	REVISED: - REVISED: REVISED: REVISED:	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.J.J. RTE. 198 SECTION 00-0045-00-PV COUNTY LAKE TOTAL SHEETS 5 SHEETS NO. 5 CONTRACT NO. 63640
	SCALE: 1/4"=1'-0" SHEET NO. 05 OF SHEETS 10 STA. 10+00 TO STA. 10+00	SCALE: 1/4"=1'-0" SHEET NO. 05 OF SHEETS 10 STA. 10+00 TO STA. 10+00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						TRAINEES 0042
				HPP FUNDS						
				ATKINSON ROAD & IL ROUTE 120			IL ROUTE 137			
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	
			ROADWAY NEW CON. 0001	ROADWAY RECON. 0004	SAFETY 0021	ROADWAY RECON. 0004	SAFETY 0021			
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	4	4	0	0	0	0	0	
54215424	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	1	1	0	0	0	0	0	
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2	1	0	0	1	0	0	
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	1	1	0	0	0	0	0	
54247180	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH	4	4	0	0	0	0	0	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	222	93	129	0	0	0	0	
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	738	738	0	0	0	0	0	
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	77	14	63	0	0	0	0	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	639	639	0	0	0	0	0	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	646	646	0	0	0	0	0	
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	199	199	0	0	0	0	0	
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	83	83	0	0	0	0	0	
550A4000	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	149	0	149	0	0	0	0	
55100500	STORM SEWER REMOVAL 12"	FOOT	15	0	15	0	0	0	0	
55100700	STORM SEWER REMOVAL 15"	FOOT	106	0	106	0	0	0	0	
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	0	1	0	0	0	0	
56400800	FIRE HYDRANT AND VALVE TO BE MOVED	EACH	1	1	0	0	0	0	0	
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1	0	0	0	0	0	
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	0	0	0	0	0	
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	0	1	0	0	0	0	
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	16	11	5	0	0	0	0	
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	2	0	2	0	0	0	0	
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3	0	0	0	0	0	
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	4	4	0	0	0	0	0	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	9	2	0	0	0	0	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	5	3	0	0	0	0	
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	1	1	0	0	0	0	0	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	3	3	0	0	0	0	0	
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	13	9	4	0	0	0	0	
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1	1	0	0	0	0	0	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	0	1	0	0	0	0	
60255500	MANHOLES TO BE ADJUSTED	EACH	2	0	2	0	0	0	0	
60500040	REMOVING MANHOLES	EACH	2	0	2	0	0	0	0	
60500050	REMOVING CATCH BASINS	EACH	1	0	1	0	0	0	0	

\* = SPECIALTY ITEM



USER NAME: jnj  
 FILE NAME: \\s189-ent-50203.dgn  
 PLOT SCALE: 1/8"=1'-0"  
 PLOT DATE: 3/6/2012

DESIGNED: JSM  
 DRAWN: JSM  
 CHECKED: DNM  
 DATE: 02/06/12

REVISED: -  
 REVISED: -  
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 REVISED: -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: XNTS%      SHEET NO. OF SHEETS      STA. TO STA.

F.A.U. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 6
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				HPP FUNDS					
				ATKINSON ROAD & IL ROUTE 120		IL ROUTE 137		-	
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL
				ROADWAY NEW CON. 0001	ROADWAY RECON. 0004	SAFETY 0021	ROADWAY RECON. 0004	SAFETY 0021	TRAINEES 0042
60500060	REMOVING INLETS	EACH	1	0	1	0	0	0	0
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	8	0	8	0	0	0	0
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	218	198	0	0	20	0	0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	6,354	4,692	1,369	0	293	0	0
60605300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)	FOOT	69	0	0	0	69	0	0
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	313	0	0	313	0	0	0
63100167	TRAFFIC BARRIER TERMINAL, TYPE I (SPECIAL) TANGENT	EACH	2	0	0	2	0	0	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12	0	0	0	0	0
67100100	MOBILIZATION	L SUM	1	1	0	0	0	0	0
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,050	0	0	0	0	1,050	0
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	0	0	0	0	1	0
66900530	SOIL DISPOSAL ANALYSIS	EACH	2	0	0	0	0	2	0
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	20	0	0	10	0	10	0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6,728	0	0	5,028	0	1,700	0
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	286	0	0	286	0	0	0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	16,343	0	0	11,315	0	5,028	0
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	1,179	0	0	318	0	861	0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	9,838	0	0	7,551	0	2,287	0
72000100	SIGN PANEL - TYPE 1	SQ FT	222	0	0	133	0	89	0
72000200	SIGN PANEL - TYPE 2	SQ FT	93	0	0	93	0	0	0
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	8	0	0	5	0	3	0
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	26	0	0	8	0	18	0
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	693	0	0	456	0	237	0
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	935	0	0	728	0	207	0
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	30,512	0	0	20,062	0	10,450	0
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4,375	0	0	3,356	0	1,019	0
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	173	0	0	0	0	173	0
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,125	0	0	1,498	0	627	0
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	364	0	0	276	0	88	0
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	254	0	0	94	0	160	0
78200410	GUARDRAIL MARKERS, TYPE A	EACH	10	0	0	10	0	0	0
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	0	0	2	0	0	0
78300100	PAVEMENT MARKING REMOVAL	SQ FT	6,015	0	0	4,053	0	1,962	0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	176	0	0	68	0	108	0

\* = SPECIALTY ITEM



USER NAME = mjg  
 FILE NAME = ...2189...shd...dgn  
 PLOT SCALE = 1:8000  
 PLOT DATE = 5/16/2012

DESIGNED - JSM  
 DRAWN - JSM  
 CHECKED - DNM  
 DATE - 02/06/12

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: 2NTS% SHEET NO. OF SHEETS STA. TO STA.

F.A.U.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	7
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640	

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				HPP FUNDS					
				ATKINSON ROAD & IL ROUTE 120		IL ROUTE 137		-	
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL
		ROADWAY NEW CON. 0001	ROADWAY RECON. 0004	SAFETY 0021	ROADWAY RECON. 0004	SAFETY 0021	TRAINEES 0042		
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1	0	0	1	0	0	0
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	861	0	0	91	0	770	0
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	95	0	0	95	0	0	0
* 81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	95	0	0	95	0	0	0
* 81400100	HANDHOLE	EACH	1	0	0	0	0	1	0
* 81400200	HEAVY-DUTY HANDHOLE	EACH	4	0	0	0	0	4	0
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	321	0	0	321	0	0	0
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	428	0	0	428	0	0	0
* 83500200	LIGHT POLE FOUNDATION, 24" DIAMETER	EACH	2	0	0	2	0	0	0
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	2	0	0	2	0	0	0
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	2	0	0	2	0	0	0
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	0	0	0	0	2	0
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	0	0	1	0	0	0
* <del>X811215</del>	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1	0	0	0	0	1	0
* <del>X800105</del>	MASTER CONTROLLER (SPECIAL)	EACH	1	0	0	0	0	1	0
* 87200400	SPAN WIRE	FOOT	1,061	0	0	666	0	395	0
* 87200500	TETHER WIRE	FOOT	1,061	0	0	666	0	395	0
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	242	0	0	0	0	242	0
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	968	0	0	0	0	968	0
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	242	0	0	0	0	242	0
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,441	0	0	0	0	1,441	0
* 87301750	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	189	0	0	0	0	189	0
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	171	0	0	111	0	60	0
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	124	0	0	124	0	0	0
* 87302212	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 2C	FOOT	1,067	0	0	1,067	0	0	0
* 87302225	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT	2,357	0	0	1,372	0	985	0
* 87302245	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	4,539	0	0	156	0	4,383	0
* 87302255	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 7C	FOOT	4,407	0	0	3,465	0	942	0
* <del>X8131210</del>	ELECTRICAL CABLE AERIAL SUSPENDED, RAILROAD, NO. 14 3C	FOOT	295	0	0	0	0	295	0
* 87302650	ELECTRIC CABLE AERIAL SUSPENDED, LEAD-IN, NO. 14 1 PAIR	FOOT	1,046	0	0	0	0	1,046	0
* 87900200	DRILL EXISTING HANDHOLE	EACH	3	0	0	0	0	3	0
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3	0	0	0	0	3	0
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	0	0	2	0	0	0
* 88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1	0	0	1	0	0	0

\* = SPECIALTY ITEM



USER NAME = mjp  
FILE NAME = ...2189...U-SC025.dgn  
PLOT SCALE = 1:2000 7/8"  
PLOT DATE = 3/6/2012

DESIGNED - JSM  
DRAWN - JSM  
CHECKED - DNM  
DATE - 02/06/12

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: 1/2"=1'-0" SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	B
FED. ROAD DIST. NO. :			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63640	

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				HPP FUNDS					
				ATKINSON ROAD & IL ROUTE 120			IL ROUTE 137		
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL
				ROADWAY NEW CON. 0001	ROADWAY RECON. 0004	SAFETY 0021	ROADWAY RECON. 0004	SAFETY 0021	TRAINEES 0042
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	6	0	0	0	0	6	0
* 88600100	DETECTOR LOOP, TYPE 1	FOOT	477	0	0	0	0	477	0
* 88700200	LIGHT DETECTOR	EACH	6	0	0	2	0	4	0
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	2	0	0	1	0	1	0
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	4	0	0	4	0	0	0
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2,344	0	0	490	0	1,854	0
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	0	0	1	0	1	0
* 89502380	REMOVE EXISTING HANDHOLE	EACH	5	0	0	4	0	1	0
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	0	0	1	0	0	0
Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	445	445	0	0	0	0	0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	0	0	0	0	0
Z0019600	DUST CONTROL WATERING	UNIT	500	500	0	0	0	0	0
Z0023000	FIELD TILE INSPECTION STRUCTURE	EACH	3	3	0	0	0	0	0
Z0023202	SEDIMENT CONTROL, DRAINAGE STRUCTURE (N/LT FILTER CLEANING)	EACH	92	64	28	0	0	0	0
Z0023206	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	5,297	2,528	382	0	2,387	0	0
* Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1	0	0	0	0	1	0
* Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1	0	0	1	0	0	0
X0324140	POROUS GRANULAR EMBANKMENT, SUBGRADE, SPECIAL	CU YD	4,888	4,597	0	0	291	0	0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0	0	0	0	1	0
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	286	129	157	0	0	0	0
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	435	290	145	0	0	0	0
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	75	75	0	0	0	0	0
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1,285	1,285	0	0	0	0	0
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	0	0	1	0	0	0
Z0076600	TRAINEES	HOUR	1,000	0	0	0	0	0	1,000
* A2005024	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED	EACH	11	11	0	0	0	0	0
* A2006420	TREE, QUERCUS ALBA (WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3	0	0	0	0	0
* B2004484	TREE, PYRUS CALLERYANA AUTUMN BLAZE (AUTUMN BLAZE CALLERY PEAR), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	12	12	0	0	0	0	0
* B2005532	TREE, PYRUS CALLERYANA ARISTOCRAT (ARISTOCRAT CALLERY PEAR), 4" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	10	10	0	0	0	0	0
* B2005726	TREE, PYRUS CALLERYANA CHANTICLEER (CHANTICLEER CALLERY PEAR), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	21	21	0	0	0	0	0
X0322924	RETAINING WALL REMOVAL	SQ FT	45	0	0	0	0	45	0
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	3	3	0	0	0	0	0
* X0424085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	2,054	0	0	341	0	1,713	0
X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	112	112	0	0	0	0	0

\* = SPECIALTY ITEM



USER NAME: jsm  
FILE NAME: N:\2649\hpr-R0326.dwg  
PLOT SCALE: 1/8"=1'-0"  
PLOT DATE: 07/06/12

DESIGNED: JSM  
DRAWN: JSM  
CHECKED: DNM  
DATE: 07/06/12

REVISED:  
REVISED:  
REVISED:  
REVISED:

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
193	00-00045-00-PV	LAKE	195	9
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640	

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				HPP FUNDS					
				ATKINSON ROAD & IL ROUTE 120		IL ROUTE 137		-	
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL
		ROADWAY NEW CON. 0001	ROADWAY RECON. 0004	SAFETY 0021	ROADWAY RECON. 0004	SAFETY 0021	TRAINEES 0042		
* X0325134	WIRELESS INTERCONNECT (COMPLETE)	EACH	1	0	0	0	0	1	0
X0326358	STORM WATER TREATMENT SYSTEM	EACH	3	3	0	0	0	0	0
* X0326884	TRAFFIC SIGNAL WOOD POLE, 45 FT, CLASS 5	EACH	5	0	0	5	0	0	0
X0327036	BIKE PATH REMOVAL	SQ YD	631	0	631	0	0	0	0
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	500	500	0	0	0	0	0
* X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	1.42	1.42	0	0	0	0	0
* X2501820	SEEDING, CLASS 5 (MODIFIED)	ACRE	1.42	1.42	0	0	0	0	0
* X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	712	712	0	0	0	0	0
* <del>XX00290</del>	TEMPORARY DITCH CHECKS (SPECIAL)	EACH	114	82	4	0	28	0	0
X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1	0	0	0	0	0
* X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	12	3	7	0	2	0	0
* X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1	1	0	0	0	0	0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0	0	1	0	0	0
* X8620200	UNINTERRUPTIBLE POWER SUPPLY SPECIAL	EACH	2	0	0	1	0	1	0
* X8800025	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	14	0	0	1	0	13	0
* X8800041	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, SPAN WIRE MOUNTED	EACH	4	0	0	0	0	4	0
* X8800046	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, SPAN WIRE MOUNTED	EACH	14	0	0	14	0	0	0
XX003404	TEMPORARY PAVEMENT, 8"	SQ YD	907	907	0	0	0	0	0
* XX004046	AERIAL CABLE REMOVAL	FOOT	7,980	0	0	3,865	0	4,115	0
XX006658	FLOCCULATION LOGS	EACH	154	122	4	0	28	0	0
XX006659	FLOCCULATION POWDER	POUND	241	199	12	0	30	0	0
XX006722	TEMPORARY AGGREGATE BERM-COURSE AGGREGATE	TON	210	159	0	0	51	0	0
XX006723	TEMPORARY AGGREGATE BERM-RIPRAP	TON	245	185	0	0	60	0	0
XX006731	LEVEL SPREADER	EACH	1	1	0	0	0	0	0
<del>XX008892</del>	STORM SEWER (WATER MAIN REQUIREMENTS), EQUIVALENT ROUND-SIZE 18 INCH	FOOT	114	0	114	0	0	0	0

\* = SPECIALTY ITEM



USER NAME = mjg  
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 PLOT DATE = 3/8/2012

DESIGNED - JSM  
 DRAWN - JSM  
 CHECKED - DNM  
 DATE - 02/06/12

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 REVISED -  
 REVISED -  
 REVISED -

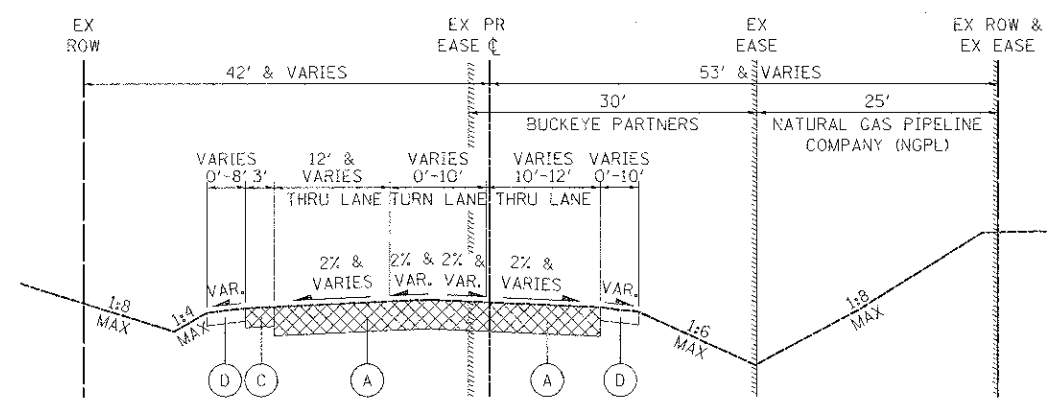
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

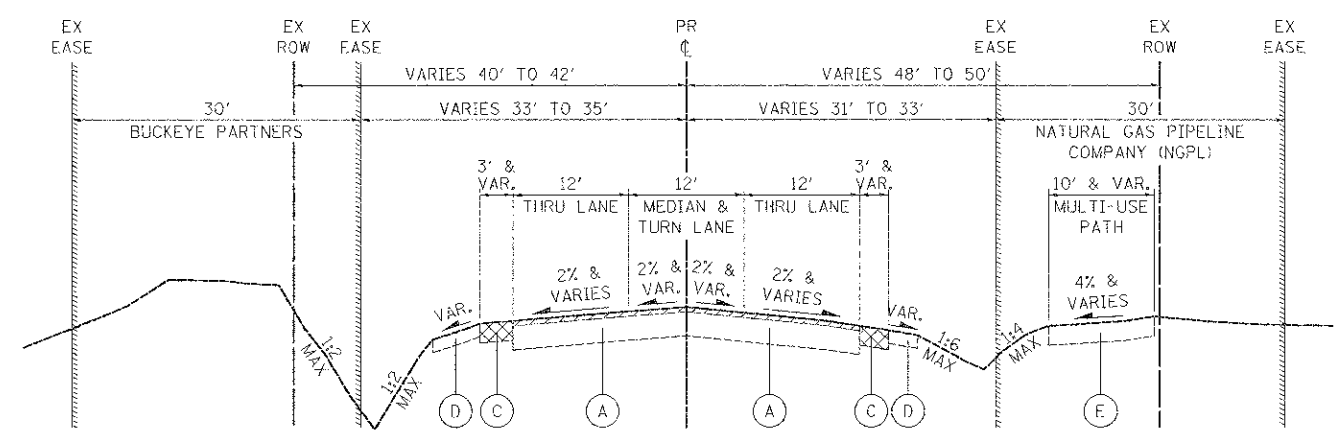
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F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 10
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640	

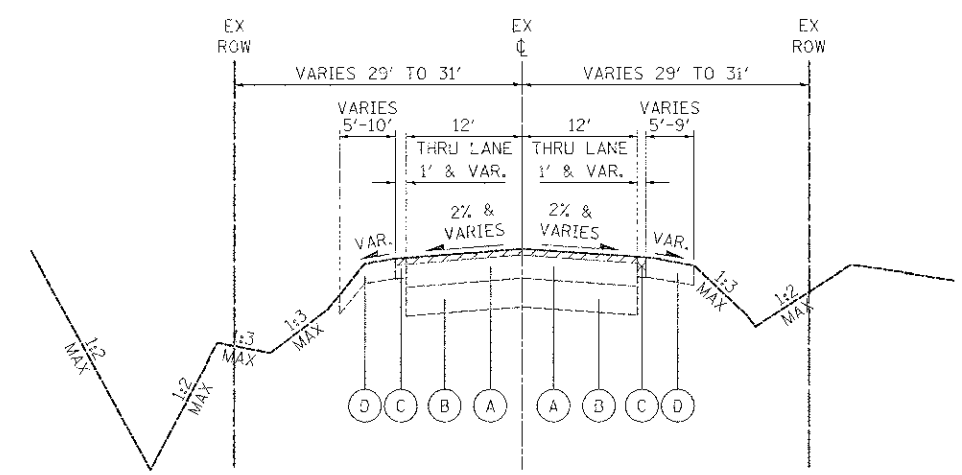




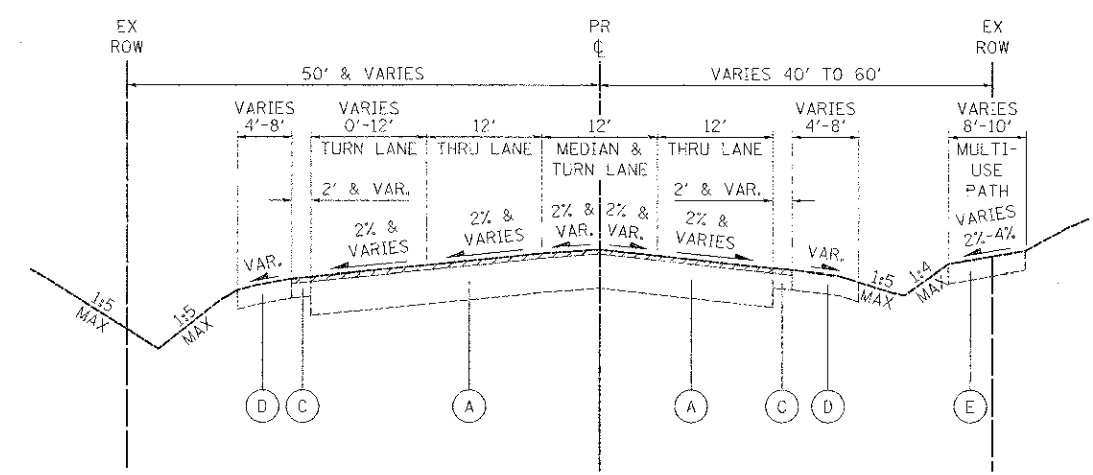
**ATKINSON ROAD - EXISTING TYPICAL SECTION**  
 STA. 457+00 TO STA. 460+56.50



**ATKINSON ROAD - EXISTING TYPICAL SECTION**  
 STA. 460+56.50 TO STA. 466+69



**IL ROUTE 137 - EXISTING TYPICAL SECTION**  
 STA. 791+00 TO STA. 809+25



**IL ROUTE 120 - EXISTING TYPICAL SECTION**  
 STA. 119+40 TO STA. 126+07

- LEGEND**
- (A) EXISTING HMA PAVEMENT  
 -ATKINSON ROAD: VARIES 9" TO 10"  
 -IL ROUTE 137: VARIES 9" TO 10"  
 -IL ROUTE 120: VARIES 12" TO 13"
  - (B) EXISTING PCC PAVEMENT (VARIES 8" TO 9")
  - (C) EXISTING HMA SHOULDER
  - (D) EXISTING AGGREGATE SHOULDER
  - (E) EXISTING HMA MULTI-USE PATH
- HMA SURFACE REMOVAL:  
 -ATKINSON ROAD: 1 1/2"  
 -IL ROUTE 137: 2"  
 -IL ROUTE 120: 1 1/2"
- PAVEMENT REMOVAL



USER NAME: j...  
 FILE NAME: ...  
 PLOT SCALE: 1/8"=1'-0"  
 PLOT DATE: 3/1/2012

DESIGNED: MJP  
 DRAWN: MJP  
 CHECKED: DNM  
 DATE: 02/06/12

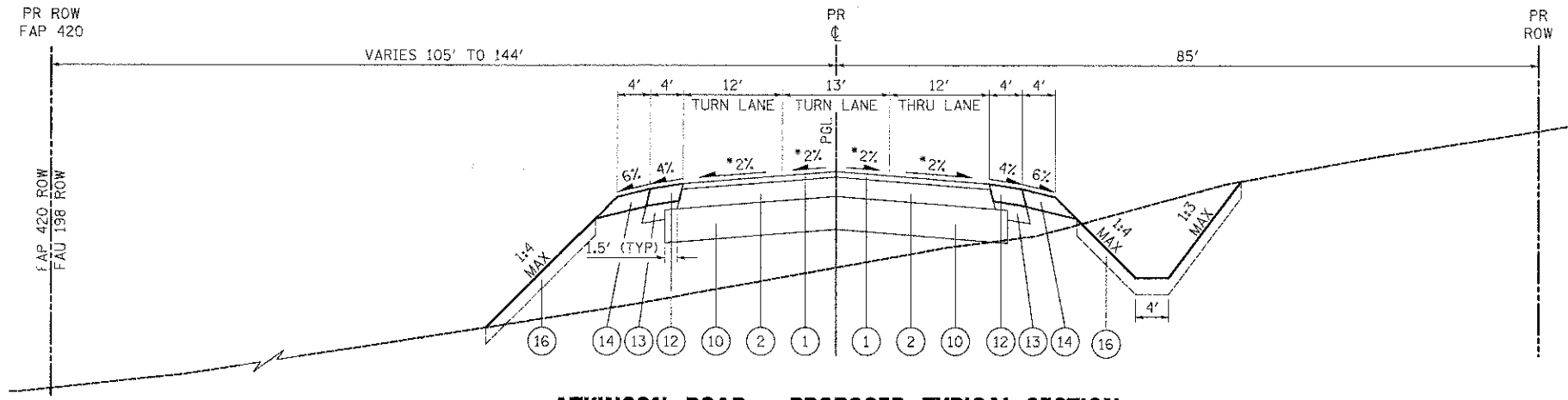
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

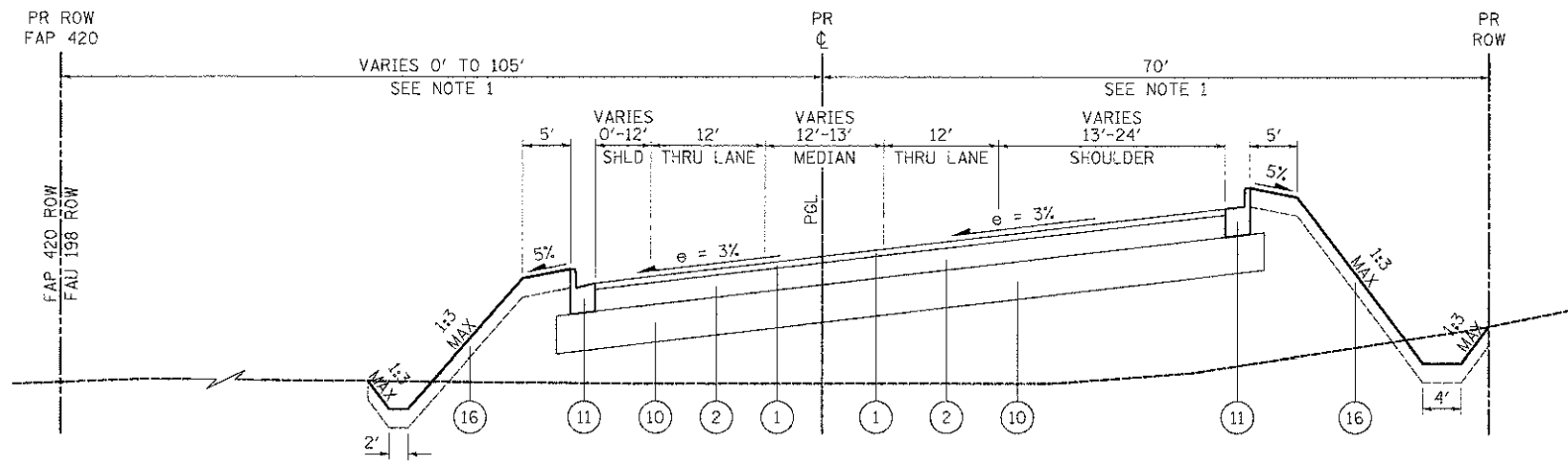
SCALE: N.T.S. SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.D. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 11
CONTRACT NO. 63640			SHEET NO. 11
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			



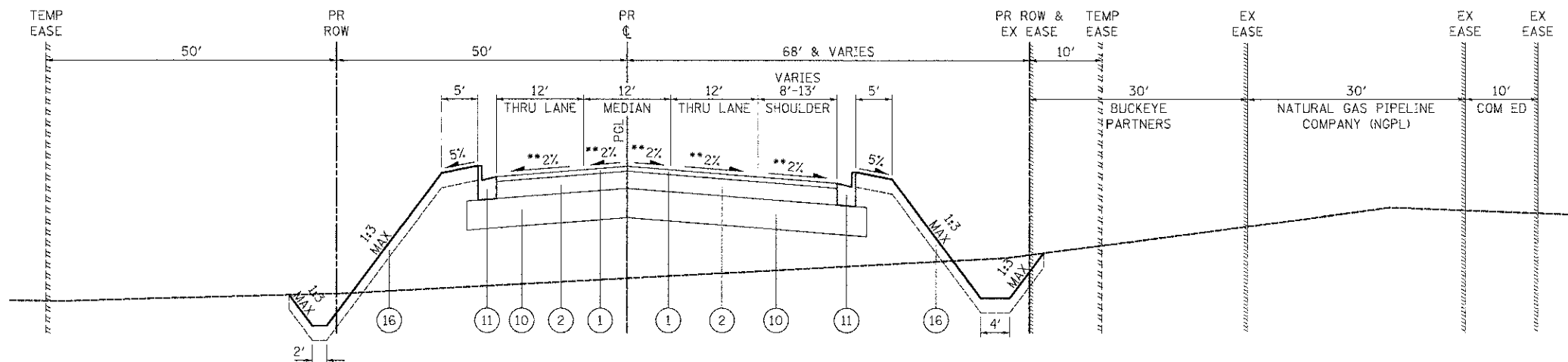
**ATKINSON ROAD - PROPOSED TYPICAL SECTION**

STA. 432+76.82 TO STA. 437+01  
 \*SUPERELEVATION TRANSITION FROM STA. 435+31 TO STA. 436+43  
 FULL SUPERELEVATION = 3.0% FROM STA. 436+43 TO STA. 437+01



**ATKINSON ROAD - PROPOSED TYPICAL SECTION**

STA. 437+01 TO STA. 442+82



**ATKINSON ROAD - PROPOSED TYPICAL SECTION**

STA. 442+82 TO STA. 446+01  
 \*\*SUPERELEVATION TRANSITION FROM STA. 442+82 TO STA. 443+94  
 SUPERELEVATION TRANSITION FROM STA. 444+68 TO STA. 446+01

**LEGEND**

- (A) EXISTING HMA PAVEMENT
- (B) EXISTING PCC PAVEMENT
- (C) EXISTING HMA SHOULDER
- (D) EXISTING AGGREGATE SHOULDER
- (1) HMA SURFACE COURSE, MIX "D", N70, 2"
- (2) HMA BINDER COURSE, IL-19.0, N70, 7"
- (3) HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- (4) HMA BASE COURSE, 7 1/2"
- (5) HMA BASE COURSE, 11"
- (6) HMA SURFACE COURSE, MIX "D", N50, 3"
- (7) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 2"
- (8) HMA BASE COURSE, 8 1/2"
- (9) LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH
- (10) AGGREGATE SUBGRADE, 12"
- (11) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (12) HMA SHOULDERS, 6"
- (13) SUBBASE GRANULAR MATERIAL, TYPE B 6"
- (14) AGGREGATE SHOULDERS, TYPE B 6"
- (15) AGGREGATE WEDGE SHOULDER, TYPE B
- (16) TOPSOIL PLACEMENT, 6" SEEDING OR SODDING
- (17) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS

TITEMS NO. 1 & 2 WILL BE MEASURED IN SQUARE YARDS AND WILL BE PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9" FROM STA. 432+76.82 TO STA. 460+56.50

**NOTES**

1. ATKINSON ROAD CROSSES INTO FAP 420 ROW BETWEEN STA. 439+70 AND STA. 444+55.
2. SEE SUPERELEVATION TABLE ON SHEET NO. 91.



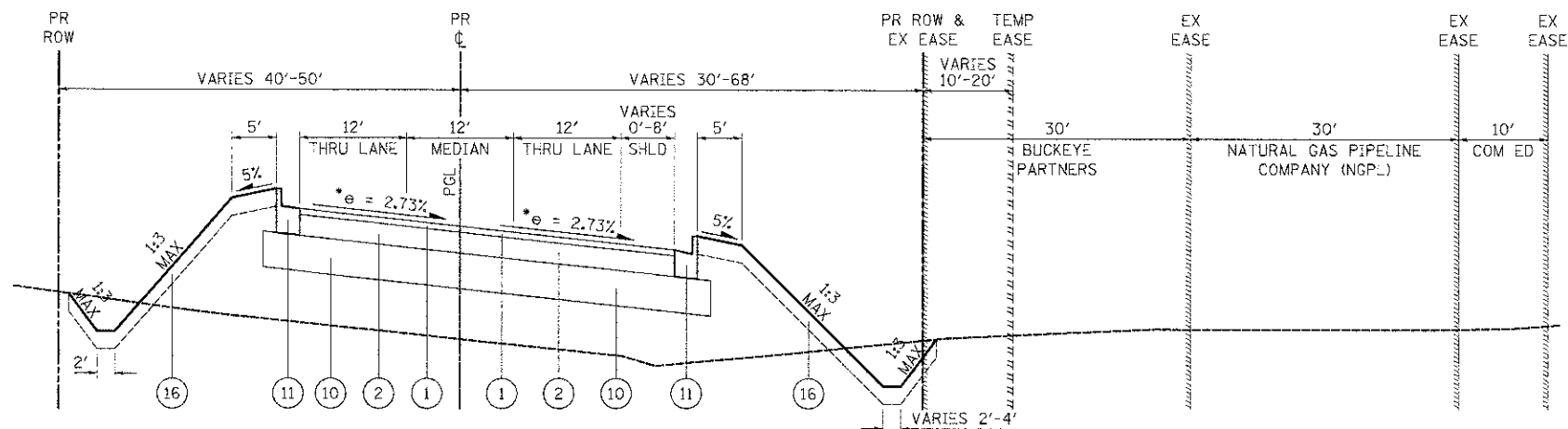
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PLOT DATE: 2/2/2012	DATE: 02/06/12	REVISED: -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

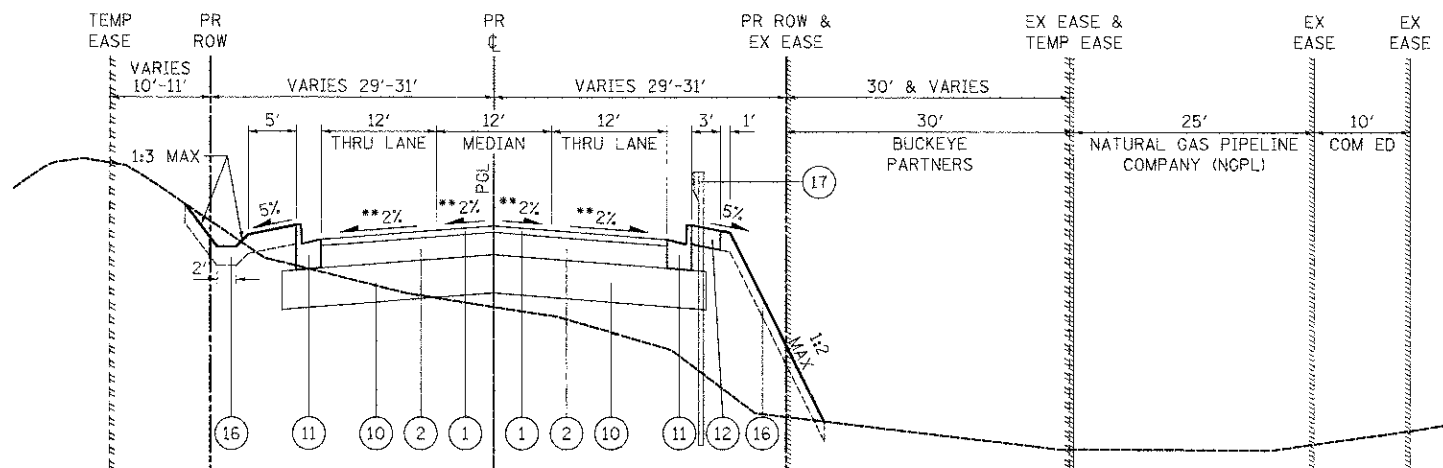
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F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 12
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640	



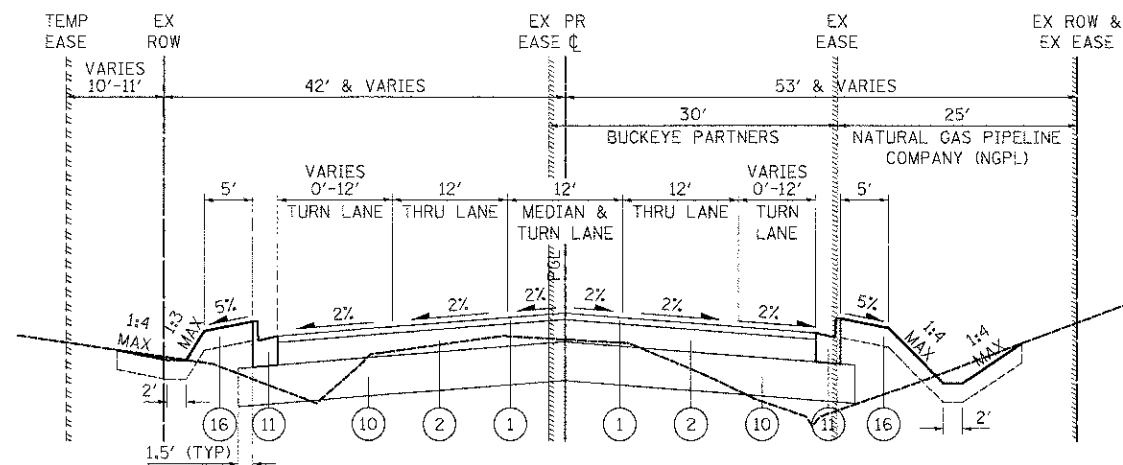
**ATKINSON ROAD - PROPOSED TYPICAL SECTION**

STA. 446+01 TO STA. 451+55  
 \*FULL SUPERELEVATION AT 2.73% RT. FROM STA. 446+01 TO STA. 448+02  
 SUPERELEVATION TRANSITION FROM STA. 448+02 TO STA. 449+55 AND  
 FULL SUPERELEVATION AT 2.73% LT. FROM STA. 449+55 TO STA. 451+55



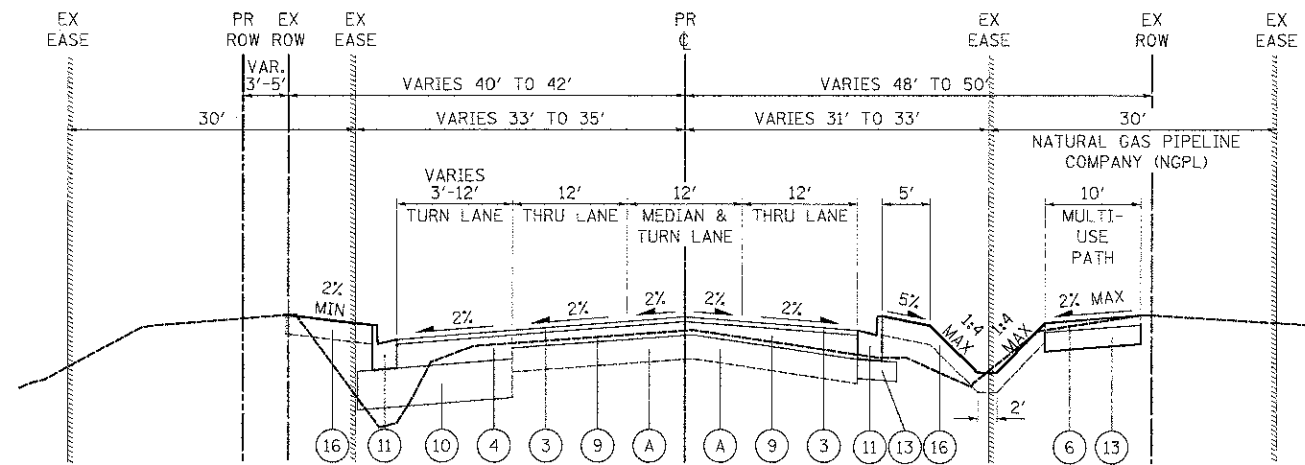
**ATKINSON ROAD - PROPOSED TYPICAL SECTION**

STA. 451+55 TO STA. 457+00  
 \*\*SUPERELEVATION TRANSITION FROM STA. 451+55 TO STA. 452+88



**ATKINSON ROAD - PROPOSED TYPICAL SECTION**

STA. 457+00 TO STA. 460+56.50



**ATKINSON ROAD - PROPOSED TYPICAL SECTION**

STA. 460+56.50 TO STA. 466+69

**LEGEND**

- (A) EXISTING HMA PAVEMENT
- (B) EXISTING PCC PAVEMENT
- (C) EXISTING HMA SHOULDER
- (D) EXISTING AGGREGATE SHOULDER
- ① HMA SURFACE COURSE, MIX "D", N70, 2"
- ② HMA BINDER COURSE, IL-19.0, N70, 7"
- ③ HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ④ HMA BASE COURSE, 7 1/2"
- ⑤ HMA BASE COURSE, 11"
- ⑥ HMA SURFACE COURSE, MIX "D", N50, 3"
- ⑦ POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 2"
- ⑧ HMA BASE COURSE, 8 1/2"
- ⑨ LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH
- ⑩ AGGREGATE SUBGRADE, 12"
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ HMA SHOULDERS, 6"
- ⑬ SUBBASE GRANULAR MATERIAL, TYPE B 6"
- ⑭ AGGREGATE SHOULDERS, TYPE B 6"
- ⑮ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑯ TOPSOIL PLACEMENT, 6" SEEDING OR SODDING
- ⑰ STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS

ITEMS NO. 1 & 2 WILL BE MEASURED IN SQUARE YARDS AND WILL BE PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9" FROM STA. 432+76.82 TO STA. 460+56.50

**NOTES**

- 1. SEE SUPERELEVATION TABLE ON SHEET NO. 91.



USER NAME: ...  
 FILE NAME: ...  
 PLOT SCALE: 1:2000  
 PLOT DATE: 2/2/2012

DESIGNED: MJP  
 DRAWN: MJP  
 CHECKED: DNM  
 DATE: 02/06/12

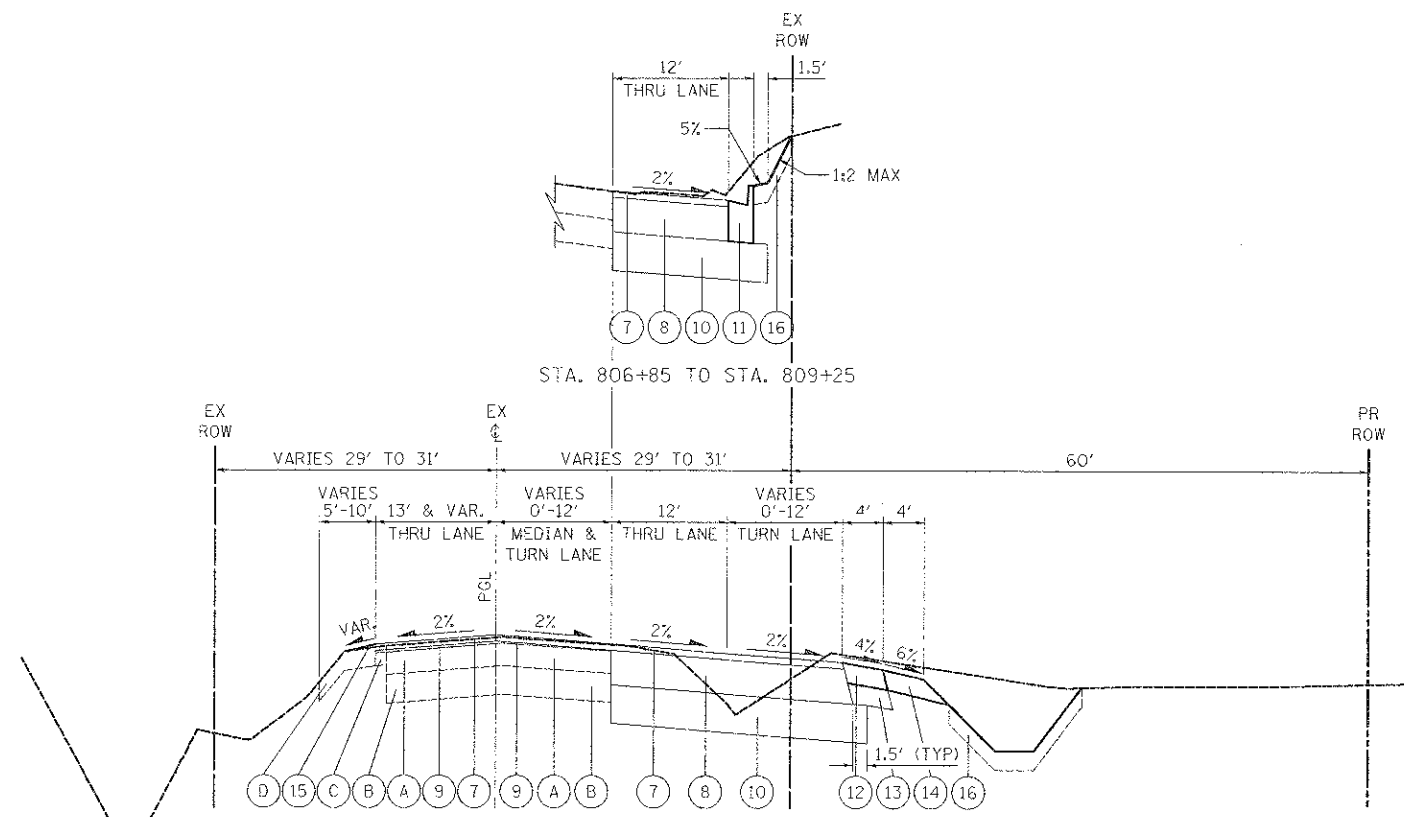
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

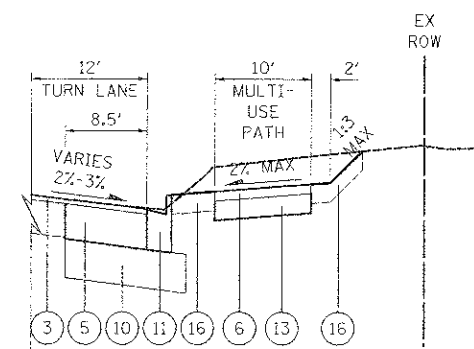
SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
198	00-00045-00-PV	LAKE	195 13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640



**IL ROUTE 137 - PROPOSED TYPICAL SECTION**

STA. 791+00 TO STA. 809+25



**IL ROUTE 120 - PROPOSED TYPICAL SECTION**

STA. 119+40 TO STA. 126+07

**LEGEND**

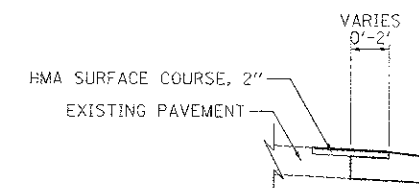
- (A) EXISTING HMA PAVEMENT
- (B) EXISTING PCC PAVEMENT
- (C) EXISTING HMA SHOULDER
- (D) EXISTING AGGREGATE SHOULDER
- (1) HMA SURFACE COURSE, MIX "D", N70, 2"
- (2) HMA BINDER COURSE, IL-19.0, N70, 7"
- (3) HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- (4) HMA BASE COURSE, 7 1/2"
- (5) HMA BASE COURSE, 11"
- (6) HMA SURFACE COURSE, MIX "D", N50, 3"
- (7) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 2"
- (8) HMA BASE COURSE, 8 1/2"
- (9) LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH
- (10) AGGREGATE SUBGRADE, 12"
- (11) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (12) HMA SHOULDERS, 6"
- (13) SUBBASE GRANULAR MATERIAL, TYPE B 6"
- (14) AGGREGATE SHOULDERS, TYPE B 6"
- (15) AGGREGATE WEDGE SHOULDER, TYPE B
- (16) TOPSOIL PLACEMENT, 6" SEEDING OR SODDING
- (17) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS

\*ITEMS NO. 1 & 2 WILL BE MEASURED IN SQUARE YARDS AND WILL BE PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH, 9" FROM STA. 432+76.82 TO STA. 460+56.50)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		AIR VOIDS @ NDES
MIXTURE TYPE		
<b>FULL-DEPTH PAVEMENT (ATKINSON ROAD)</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"		4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 7"		4% @ 70 GYR.
<b>PAVEMENT RESURFACING (ATKINSON ROAD &amp; IL ROUTE 120)</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 1 1/2"		4% @ 70 GYR.
LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5 mm)		4% @ 70 GYR.
<b>PAVEMENT RESURFACING (IL ROUTE 137)</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm); 2"		4% @ 90 GYR.
LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5 mm)		4% @ 70 GYR.
<b>PAVEMENT WIDENING (ATKINSON ROAD)</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 1 1/2"		4% @ 70 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 7 1/2"		4% @ 70 GYR.
<b>PAVEMENT WIDENING (IL ROUTE 120)</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 1 1/2"		4% @ 70 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 11"		4% @ 70 GYR.
<b>PAVEMENT WIDENING (IL ROUTE 137)</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm); 2"		4% @ 90 GYR.
HOT-MIX ASPHALT BASE COURSE (POLYMERIZED HMA BINDER IL-19 mm); 8 1/2"		4% @ 90 GYR.
<b>PAVED SHOULDERS</b>		
SURFACE MIX TYPE - SAME AS OVERLAY		
HOT-MIX ASPHALT SHOULDER (HMA BINDER IL-19 mm)		4% @ 50 GYR.
<b>TEMPORARY PAVEMENT</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"		4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 6"		4% @ 50 GYR.
<b>COMMERCIAL DRIVEWAY PAVEMENT</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"		4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 8"		4% @ 50 GYR.
<b>MULTI-USE PATH</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"		4% @ 50 GYR.
<b>PATCHING</b>		
CLASS D PATCHES (HMA BINDER IL-19 mm), I, II, III & IV, 9 INCHES		4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS.



**COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)**

AT LOCATIONS WHERE WIDENING IS 2' OR LESS - CONSTRUCT MONOLITHIC WITH CURB



USER NAME = mjp  
 FILE NAME = ...2181 sht - typical.dgn  
 PLOT SCALE = 1:2000 1/4" = 1'  
 PLOT DATE = 3/6/2012

DESIGNED - MJP  
 DRAWN - MJP  
 CHECKED - DNM  
 DATE 02/06/12

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	14
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ATKINSON ROAD - EARTHWORK CALCULATIONS

STATION	DISTANCE	TOPSOIL STRIP	R&D UNSUIT	EARTH EX	EMBANKMENT	PGE	TOPSOIL STRIP	R&D UNSUIT	EARTH EX	EMBANKMENT	PGE	EARTH EX ADJUSTED FOR SHRINKAGE (15%)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
432+50		418.0	0.0	0.0	566.6	0.0							
433+00	50	349.4	0.0	0.0	499.4	0.0	710.5	0.0	0.0	987.0	0.0	0.0	-987.0
433+50	50	236.9	0.0	4.2	341.7	0.0	542.9	0.0	3.9	778.8	0.0	3.3	-775.5
434+00	50	75.6	0.0	17.3	144.6	0.0	289.4	0.0	19.9	450.2	0.0	16.9	-433.3
434+50	50	78.1	0.0	34.5	118.8	0.0	142.3	0.0	48.0	243.8	0.0	40.8	-203.0
435+00	50	103.5	0.0	55.9	114.7	0.0	168.1	0.0	83.7	216.2	0.0	71.1	-145.0
435+50	50	78.5	0.0	100.0	22.1	0.0	168.5	0.0	144.3	126.7	0.0	122.7	-4.0
436+00	50	69.9	0.0	141.9	6.7	0.0	137.4	0.0	224.0	26.7	0.0	190.4	163.7
436+50	50	85.2	0.0	169.5	6.5	0.0	143.6	0.0	288.3	12.2	0.0	245.0	232.8
437+00	50	404.8	271.0	0.0	501.4	0.0	453.7	250.9	156.9	470.3	0.0	133.4	-336.9
437+50	50	321.5	277.0	0.0	532.5	0.0	672.5	507.3	0.0	957.3	0.0	0.0	-957.3
438+00	50	444.3	271.0	0.0	799.2	0.0	709.0	507.3	0.0	1,233.0	0.0	0.0	-1,233.0
438+50	50	391.0	270.8	0.0	846.0	0.0	773.4	501.6	0.0	1,523.3	0.0	0.0	-1,523.3
439+00	50	166.8	274.7	0.0	618.6	0.0	516.4	505.1	0.0	1,356.0	0.0	0.0	-1,356.0
439+50	50	203.6	278.1	0.0	537.1	0.0	342.9	511.8	0.0	1,070.0	0.0	0.0	-1,070.0
440+00	50	97.9	0.0	35.2	78.0	0.0	279.1	257.5	32.5	569.4	0.0	27.7	-541.8
440+50	50	98.1	0.0	50.5	51.1	0.0	181.4	0.0	79.3	119.4	0.0	67.4	-52.0
441+00	50	99.4	0.0	39.5	127.3	0.0	182.8	0.0	83.3	165.1	0.0	70.8	-94.3
441+50	50	99.5	0.0	15.8	293.4	0.0	184.1	0.0	51.1	389.5	0.0	43.4	-346.0
442+00	50	100.1	0.0	5.0	468.7	0.0	184.8	0.0	19.2	705.6	0.0	16.3	-689.3
442+50	50	104.7	0.0	3.5	575.6	0.0	189.6	0.0	7.8	966.9	0.0	6.7	-960.2
443+00	50	107.0	0.0	1.7	715.9	0.0	196.0	0.0	4.8	1,195.8	0.0	4.1	-1,191.8
443+50	50	171.6	0.0	2.3	727.3	0.0	258.0	0.0	3.7	1,336.3	0.0	3.1	-1,333.2
444+00	50	168.3	0.0	1.1	734.8	0.0	314.7	0.0	3.1	1,353.8	0.0	2.7	-1,351.1
444+50	50	166.1	0.0	1.8	709.3	0.0	309.6	0.0	2.7	1,337.1	0.0	2.3	-1,334.8
445+00	50	166.1	0.0	7.5	667.2	0.0	307.5	0.0	8.6	1,274.5	0.0	7.3	-1,267.2
445+50	50	92.7	0.0	4.6	627.7	0.0	239.5	0.0	11.2	1,198.9	0.0	9.5	-1,189.5
446+00	50	88.6	0.0	0.0	650.7	0.0	167.8	0.0	4.2	1,183.6	0.0	3.6	-1,180.0
446+50	50	0.0	710.4	0.0	993.1	247.8	82.0	657.8	0.0	1,522.0	229.4	0.0	-1,522.0
447+00	50	0.0	784.6	0.0	987.5	273.4	0.0	1,384.3	0.0	1,833.9	482.6	0.0	-1,833.9
447+50	50	0.0	560.8	0.0	692.3	271.2	0.0	1,245.7	0.0	1,555.3	504.2	0.0	-1,555.3
448+00	50	0.0	502.1	0.0	518.7	249.0	0.0	984.1	0.0	1,121.2	481.6	0.0	-1,121.2
448+50	50	0.0	394.9	0.0	295.7	241.5	0.0	830.5	0.0	754.0	454.1	0.0	-754.0
449+00	50	343.4	0.0	0.0	423.2	0.0	317.9	365.6	0.0	665.6	223.6	0.0	-665.6
449+50	50	298.5	0.0	0.0	320.0	0.0	594.3	0.0	0.0	688.1	0.0	0.0	-688.1
450+00	50	80.8	0.0	3.2	87.8	0.0	351.2	0.0	3.0	377.5	0.0	2.5	-375.0
	50						147.5	0.0	4.1	163.7	0.0	3.5	-160.2

ATKINSON ROAD - EARTHWORK CALCULATIONS

STATION	DISTANCE	TOPSOIL STRIP	R&D UNSUIT	EARTH EX	EMBANKMENT	PGE	TOPSOIL STRIP	R&D UNSUIT	EARTH EX	EMBANKMENT	PGE	EARTH EX ADJUSTED FOR SHRINKAGE (15%)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
450+50	50	78.5	0.0	1.2	89.0	0.0							
451+00	50	75.8	0.0	0.0	90.8	0.0	142.8	0.0	1.1	166.4	0.0	0.9	-165.4
451+50	50	75.6	0.0	7.0	32.7	0.0	140.1	0.0	6.4	114.3	0.0	5.5	-108.8
452+00	50	0.0	64.0	0.0	6.4	0.0	70.0	59.2	6.4	36.2	0.0	5.5	-30.7
452+50	50	0.0	399.7	0.0	266.5	168.6	0.0	429.3	0.0	252.6	156.1	0.0	-252.6
453+00	50	0.0	755.5	0.0	647.4	167.0	0.0	1,069.5	0.0	846.2	310.7	0.0	-846.2
453+50	50	0.0	751.7	0.0	631.7	165.7	0.0	1,395.5	0.0	1,184.4	308.0	0.0	-1,184.4
454+00	50	0.0	332.4	0.0	201.7	168.7	0.0	1,003.8	0.0	771.6	309.6	0.0	-771.6
454+50	50	0.0	302.9	0.0	147.0	165.8	0.0	588.2	0.0	322.8	309.7	0.0	-322.8
455+00	50	340.8	0.0	0.0	354.0	0.0	315.5	280.5	0.0	463.9	153.5	0.0	-463.9
455+50	50	352.4	0.0	0.0	325.3	0.0	641.8	0.0	0.0	629.0	0.0	0.0	-629.0
456+00	50	54.8	0.0	18.5	41.1	0.0	377.0	0.0	17.1	339.3	0.0	14.5	-324.7
456+50	50	53.0	0.0	12.7	34.7	0.0	99.7	0.0	28.8	70.2	0.0	24.5	-45.7
457+00	50	19.3	0.0	46.1	3.6	0.0	66.9	0.0	54.4	35.4	0.0	46.2	10.8
457+10.32	10.32	0.0	0.0	33.3	0.0	0.0	3.7	0.0	15.2	0.7	0.0	12.9	12.2
457+36.40	26.08	0.0	0.0	55.6	0.0	0.0	0.0	0.0	47.7	0.0	0.0	40.6	40.6
457+50	13.6	0.0	0.0	144.6	0.6	0.0	0.0	0.0	52.9	0.2	0.0	45.0	44.8
458+00	50	0.0	0.0	16.5	17.0	0.0	0.0	0.0	149.1	16.3	0.0	126.7	110.5
458+50	50	0.0	0.0	57.8	8.1	0.0	0.0	0.0	68.7	23.2	0.0	58.4	35.2
459+00	50	0.0	0.0	113.5	0.5	0.0	0.0	0.0	158.5	7.9	0.0	134.7	126.8
459+50	50	0.0	0.0	158.9	0.0	0.0	0.0	0.0	252.2	0.4	0.0	214.3	213.9
460+00	50	0.0	0.0	237.4	0.0	0.0	0.0	0.0	366.9	0.0	0.0	311.9	311.9
460+50	50	0.0	0.0	224.6	0.0	0.0	0.0	0.0	427.7	0.0	0.0	363.6	363.6
461+00	50	0.0	0.0	29.7	1.0	0.0	0.0	0.0	235.4	0.9	0.0	200.1	199.2
461+50	50	0.0	78.1	39.4	2.9	65.0	0.0	72.3	63.9	3.6	60.1	54.3	50.8
462+00	50	0.0	56.0	17.0	1.4	37.7	0.0	124.1	52.2	3.9	95.0	44.3	40.5
462+50	50	0.0	60.4	17.0	6.6	45.1	0.0	107.7	31.4	7.3	76.6	26.7	19.4
462+93.79	43.79	0.0	34.3	12.8	4.0	24.3	0.0	76.8	24.1	8.5	56.2	20.5	12.0
463+00	6.21	0.0	34.0	25.1	4.5	24.3	0.0	7.8	4.4	1.0	5.6	3.7	2.7
463+50	50	0.0	54.7	12.4	10.2	42.0	0.0	34.0	34.7	13.6	61.3	29.5	15.9
464+00	50	0.0	78.5	6.4	14.4	72.5	0.0	123.3	17.4	22.8	105.9	14.8	-8.0
464+50	50	0.0	85.0	5.1	17.8	78.5	0.0	151.3	10.6	29.8	139.8	9.1	-20.8
465+00	50	0.0	0.0	13.7	18.6	0.0	0.0	78.7	17.4	33.7	72.7	14.8	-18.9
465+50	50	0.0	0.0	13.8	24.4	0.0	0.0	0.0	25.5	39.8	0.0	21.6	-38.1
466+00	50	0.0	0.0	11.0	17.7	0.0	0.0	0.0	23.0	38.9	0.0	19.5	-19.4
466+50	50	0.0	0.0	6.7	13.6	0.0	0.0	0.0	16.4	28.9	0.0	13.9	-15.0
466+69	19	0.0	0.0	11.5	0.0	0.0	0.0	0.0	6.4	4.8	0.0	5.4	0.7

TOTAL= 12,116 14,160 3,504 4,597 -32,470



USER NAME: ods  
 FILE NAME: ...2189-ult-trashed.dwg  
 PLOT SCALE: 1/8000 7/11  
 PLOT DATE: 3/21/2012

DESIGNED - JSM  
 DRAWN - JSM  
 CHECKED - DNM  
 DATE - 02/06/12

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EARTHWORK TABLES

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 198 SECTION 00-00045-00-PV COUNTY LAKE TOTAL SHEETS 15 SHEET NO. 15 CONTRACT NO. 63640  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

IL ROUTE 137 - EARTHWORK CALCULATIONS											
STATION	DISTANCE	R&D UNSUIT	EARTH EX	EMBANKMENT	PGE	R&D UNSUIT	EARTH EX	EMBANKMENT	PGE	EARTH EX ADJUSTED FOR SHRINKAGE (15%)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
791+00		0.0	8.6	1.7	0.0						
791+50	50	0.0	7.9	9.7	0.0	0.0	15.3	10.6	0.0	13.0	2.4
792+00		0.0	16.2	2.6	0.0						
792+50	50	0.0	33.1	6.4	0.0	0.0	45.6	8.3	0.0	38.8	30.5
793+00		0.0	78.0	13.2	0.0						
793+50	50	0.0	109.1	17.4	0.0	0.0	173.2	28.3	0.0	147.2	118.9
794+00		0.0	172.1	1.3	0.0						
794+50	50	0.0	253.9	0.0	0.0	0.0	260.4	17.3	0.0	221.3	204.0
795+00		0.0	273.4	0.0	0.0						
795+50	50	0.0	255.7	0.0	0.0	0.0	489.9	0.0	0.0	416.4	416.4
796+00		0.0	198.0	0.0	0.0						
796+50	50	167.4	0.0	0.0	14.6	155.0	183.3	0.0	13.5	155.8	155.8
797+00		133.9	0.0	0.0	15.1	279.0	0.0	0.0	27.5	0.0	0.0
797+50	50	89.8	0.0	0.0	16.6	207.1	0.0	0.0	29.4	0.0	0.0
798+00		24.9	0.0	0.0	6.0	106.2	0.0	0.0	20.9	0.0	0.0
798+50	50	25.0	0.0	0.0	6.0	46.2	0.0	0.0	11.1	0.0	0.0
799+00		51.7	0.0	14.9	13.9	71.0	0.0	13.8	18.4	0.0	-13.8
799+50	50	69.3	0.0	9.6	11.3	112.0	0.0	22.6	23.3	0.0	-22.6
800+00		86.3	0.0	11.5	9.7	145.8	0.0	19.5	19.4	0.0	-19.5
800+50	50	92.5	0.0	10.4	9.1	167.4	0.0	20.2	17.4	0.0	-20.2
801+00		76.7	0.0	10.2	9.1	156.7	0.0	19.0	16.9	0.0	-19.0
801+50	50	61.3	0.0	10.9	9.1	127.7	0.0	19.5	16.9	0.0	-19.5
802+00		51.0	0.0	13.2	9.1	103.9	0.0	22.3	16.9	0.0	-22.3
802+50	50	42.1	0.0	16.2	9.1	86.1	0.0	27.1	16.9	0.0	-27.1
803+00		45.1	0.0	17.9	9.1	80.7	0.0	31.5	16.9	0.0	-31.5
803+50	50	58.7	0.0	13.6	9.1	96.1	0.0	29.1	16.9	0.0	-29.1
804+00		0.0	66.3	10.5	0.0	54.3	61.3	22.3	8.4	52.1	29.9
804+50	50	0.0	71.6	5.9	0.0	0.0	127.6	15.1	0.0	108.5	93.3
805+00		0.0	90.5	1.4	0.0	0.0	150.0	6.7	0.0	127.5	120.8
805+50	50	0.0	97.2	0.2	0.0	0.0	173.8	1.5	0.0	147.7	146.2
806+00		0.0	76.4	0.6	0.0	0.0	160.6	0.7	0.0	136.6	135.9
806+50	50	0.0	47.0	0.4	0.0	0.0	114.2	0.9	0.0	97.0	96.2
807+00		0.0	26.7	0.0	0.0	0.0	68.1	0.4	0.0	57.9	57.6
807+27.49	27.49	0.0	21.9	0.0	0.0	0.0	24.7	0.0	0.0	21.0	21.0
807+50	22.51	0.0	27.2	0.0	0.0	0.0	20.5	0.0	0.0	17.4	17.4
808+00		0.0	34.0	0.0	0.0	0.0	56.7	0.0	0.0	48.2	48.2
808+50	50	0.0	22.3	0.0	0.0	0.0	52.1	0.0	0.0	44.3	44.3
809+00		0.0	25.0	0.4	0.0	0.0	43.8	0.3	0.0	37.2	36.9
809+50	50	0.0	20.3	0.7	0.0	0.0	41.9	1.0	0.0	35.6	34.6
810+00		0.0	7.7	1.8	0.0	0.0	25.9	2.3	0.0	22.0	19.7
TOTAL=						1,996	3,717		291		2,789

IL ROUTE 120 - EARTHWORK CALCULATIONS											
STATION	DISTANCE	R&D UNSUIT	EARTH EX	EMBANKMENT	PGE	R&D UNSUIT	EARTH EX	EMBANKMENT	PGE	EARTH EX ADJUSTED FOR SHRINKAGE (15%)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
119+25		0.0	0.0	0.0	0.0						
119+50	25	0.0	9.0	0.7	0.0	0.0	4.1	0.3	0.0	3.5	3.2
119+75		0.0	12.6	0.1	0.0						
120+00	25	0.0	10.4	0.1	0.0	0.0	10.0	0.3	0.0	8.5	8.1
120+25		0.0	25.7	0.1	0.0						
120+50	25	0.0	43.9	4.0	0.0	0.0	16.7	0.1	0.0	14.2	14.1
121+00		0.0	0.0	0.0	0.0						
121+50	50	0.0	0.0	0.0	0.0	0.0	40.6	3.7	0.0	34.6	30.9
122+00		0.0	112.1	0.0	0.0						
122+50	50	0.0	65.1	0.6	0.0	0.0	207.5	0.0	0.0	176.4	176.4
123+00		0.0	31.1	0.4	0.0						
123+50	50	0.0	89.0	0.9	0.0	0.0	164.0	0.6	0.0	139.4	138.8
124+00		0.0	36.2	1.0	0.0						
124+50	50	0.0	8.0	0.7	0.0	0.0	36.2	1.0	0.0	30.7	29.8
125+00		0.0	9.6	1.0	0.0						
125+50	50	0.0	10.0	1.2	0.0	0.0	16.2	1.5	0.0	13.8	12.3
126+00		0.0	18.1	2.0	0.0						
TOTAL=		0	690		0						569



DETENTION POND AND DEPRESSIONAL AREA - EARTHWORK CALCULATIONS									
STATION	DISTANCE	TOPSOIL STRIP	EARTH EX	EMBANKMENT	TOPSOIL STRIP	EARTH EX	EMBANKMENT	EARTH EX ADJUSTED FOR SHRINKAGE (15%)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
5+00		0.0	0.0	0.0					
5+21	21	52.9	7.5	0.0	20.6	2.9	0.0	2.5	2.5
5+61	40	198.9	2053.1	0.0	186.5	1,526.4	0.0	1,297.4	1,297.4
6+00	39	191.1	1994.1	0.0	281.7	2,923.0	0.0	2,484.6	2,484.6
6+50	50	161.2	1538.6	0.0	326.2	3,271.1	0.0	2,780.4	2,780.4
7+00	50	138.5	963.4	0.0	277.5	2,316.7	0.0	1,969.2	1,969.2
7+50	50	123.0	563.0	41.6	242.1	1,413.3	38.5	1,201.3	1,162.8
8+00	50	105.7	282.0	105.5	211.7	782.3	136.2	665.0	528.8
8+61	61	91.6	132.4	150.8	222.9	468.0	289.5	397.8	108.4
8+89	28	86.0	0.0	349.2	92.1	68.6	259.3	58.3	-200.9
8+99	10	79.9	0.0	303.0	30.7	0.0	120.8	0.0	-120.8
9+19	20	113.1	140.0	82.3	71.5	51.9	142.7	44.1	-98.6
10+00	81	114.6	150.8	80.5	341.6	436.2	244.2	370.8	126.6
10+50	50	113.0	145.1	79.6	210.8	273.9	148.3	232.9	84.6
11+00	50	122.0	142.7	79.2	217.6	266.5	147.1	226.5	79.4
11+50	50	159.5	94.1	70.4	260.7	219.3	138.5	186.4	47.9
12+00	50	201.9	151.1	36.2	334.7	227.0	98.7	193.0	94.3
12+50	50	238.3	123.4	33.8	407.7	254.2	64.8	216.1	151.3
13+00	50	222.1	116.6	34.5	426.3	222.2	63.2	188.9	125.7
13+50	50	208.3	168.7	28.6	398.5	264.2	58.4	224.5	166.1
14+00	50	206.3	267.5	21.8	383.9	403.9	46.7	343.3	296.6
14+50	50	210.2	260.7	21.8	385.7	489.1	40.5	415.7	375.3
15+00	50	224.7	332.0	20.2	402.7	548.8	38.9	466.5	427.6
15+50	50	169.5	387.4	0.0	365.0	666.1	18.7	566.2	547.5
16+05	55	181.5	447.6	0.0	357.5	850.4	0.0	722.9	722.9
16+55	50	151.3	377.3	0.0	308.2	763.8	0.0	649.2	649.2
16+88	33	111.4	21.8	0.0	160.6	243.9	0.0	207.3	207.3
17+50	62	0.0	0.0	0.0	127.9	25.1	0.0	21.3	21.3
<b>TOTAL=</b>					<b>7,053</b>	<b>18,980</b>			<b>14,038</b>

PAY ITEM	UNIT	ATKINSON ROAD	IL ROUTE 137	IL ROUTE 120	DETENTION POND & DEPRESSIONAL AREA	TOTAL QUANTITY
EARTH EXCAVATION (20200100)	CU YD	3,504	3,717	690	18,980	26,891
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)	CU YD	14,160	1,996	0	0	16,156
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200) (TOPSOIL SURPLUS)*	CU YD	-	-	-	-	6,255
FURNISHED EXCAVATION (20400800)	CU YD	14,100	0	0	0	14,100
POROUS GRANULAR EMBANKMENT, SUBGRADE (Z0042002)	CU YD	4,597	291	0	0	4,888
TOPSOIL EXCAVATION AND PLACEMENT (21101505)**	CU YD	4,358	1,611	280	6,665	12,914

- \* EXCESS TOPSOIL SHALL BE REMOVED FROM THE JOB SITE, PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.
- \*\* CONTRACTOR SHALL STRIP AND STOCKPILE THIS AMOUNT OF TOPSOIL AT LOCATION APPROVED BY THE ENGINEER. TOPSOIL WILL BE PLACED AT 6" THICKNESS UNDER PROPOSED SEEDING OR SODDING WHEN RESTORATION COMMENCES.



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 DATE - 02/06/12

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 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EARTHWORK TABLES

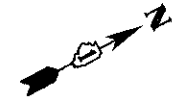
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	17
CONTRACT NO. 63640				

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

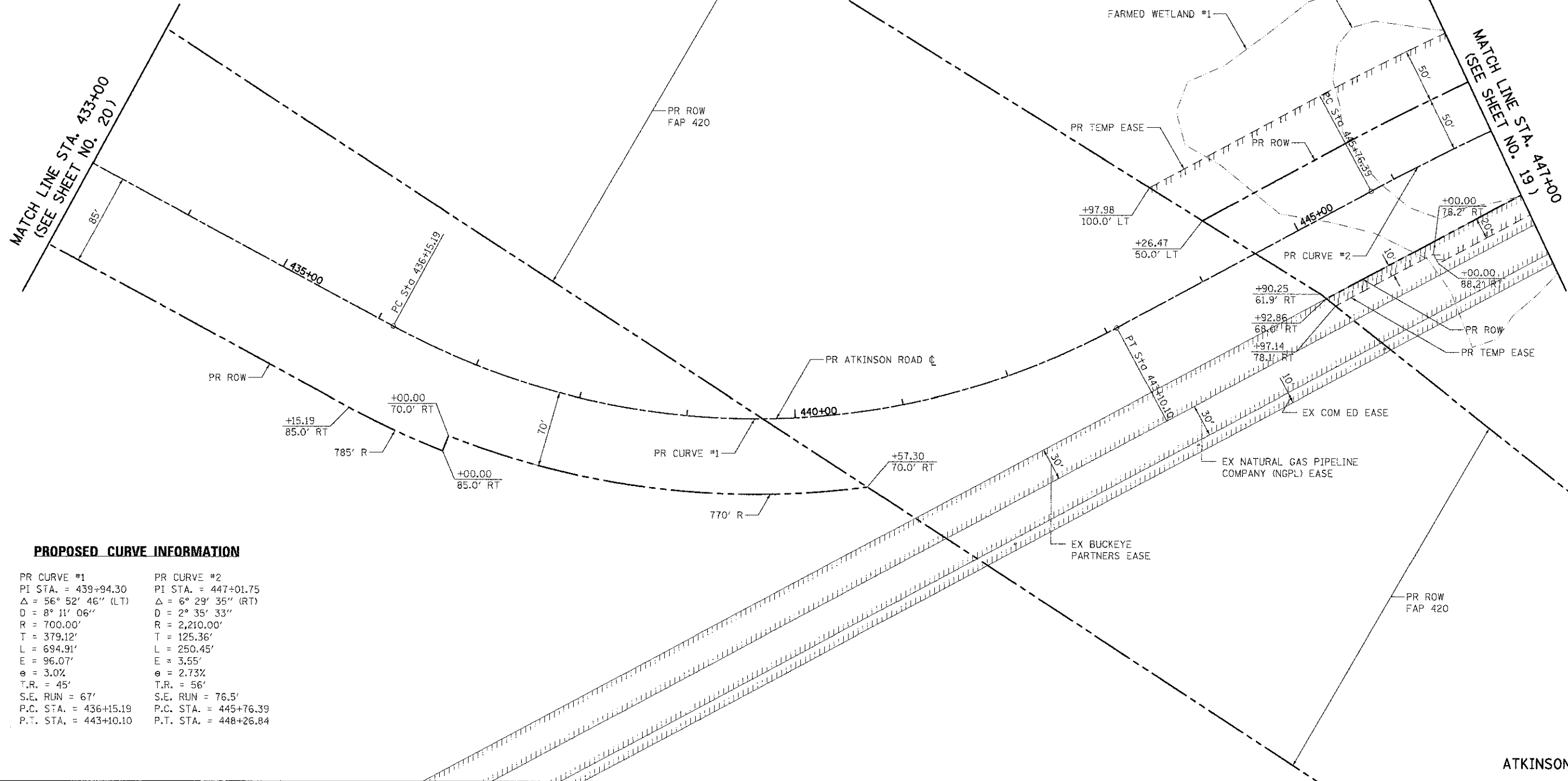
DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	428+71.31	2062985.45	1066861.27
P.C.	436+15.19	2063395.32	1067482.05
P.I.	439+94.30	2063630.53	1067838.28
P.T.	443+10.10	2063983.32	1067796.34
P.C.	445+76.39	2064249.61	1067794.88
P.I.	447+01.75	2064374.96	1067794.19
P.T.	448+26.84	2064499.60	1067807.68
P.C.	449+29.84	2064602.00	1067818.77
P.I.	450+55.20	2064726.63	1067832.26
P.T.	451+80.29	2064851.99	1067831.57
P.C.	455+30.42	2065202.11	1067829.65
P.I.	456+06.29	2065277.99	1067829.23
P.R.C.	456+81.53	2065352.06	1067845.67
P.I.	457+57.41	2065426.13	1067862.11
P.T.	458+32.65	2065502.01	1067861.69
E.O.A.	468+80.06	2066549.40	1067855.94

BENCHMARK INFORMATION				
ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
ATKINSON ROAD	461+47.20	75.12' RT	794.785	CHISELED SQUARE LOCATED ON THE N.E. CORNER OF TRAFFIC SIGNAL EQUIPMENT PAD, ON THE N.E. CORNER OF ATKINSON ROAD AND IL ROUTE 120
IVANHOE ROAD	309+23.14	52.97' RT	793.497	CHISELED "X" LOCATED ON THE TOP OF CURB NEAR BLOCKBUSTER ON THE S.E. CORNER OF IL ROUTE 120 AND IVANHOE ROAD
IL ROUTE 120	130+93.69	160.83' RT	798.348	CHISELED SQUARE ON TOP OF THE CURB, LOCATED 100' S. OF IL ROUTE 120 ON E. SIDE OF ASHFORD LANE NEAR FIRE HYDRANT



**NOTES**

- HORIZONTAL DATUM = STATE PLANE COORDINATES NAD83  
VERTICAL DATUM = LOCAL DATUM



**PROPOSED CURVE INFORMATION**

PR CURVE #1	PR CURVE #2
PI STA. = 439+94.30	PI STA. = 447+01.75
$\Delta = 56^\circ 52' 46''$ (LT)	$\Delta = 6^\circ 29' 35''$ (RT)
D = 8' 11' 06''	D = 2' 35' 33''
R = 700.00'	R = 2,210.00'
T = 379.12'	T = 125.36'
L = 694.91'	L = 250.45'
E = 96.07'	E = 3.55'
e = 3.0%	e = 2.73%
T.R. = 45'	T.R. = 56'
S.E. RUN = 67'	S.E. RUN = 76.5'
P.C. STA. = 436+15.19	P.C. STA. = 445+76.39
P.T. STA. = 443+10.10	P.T. STA. = 448+26.84



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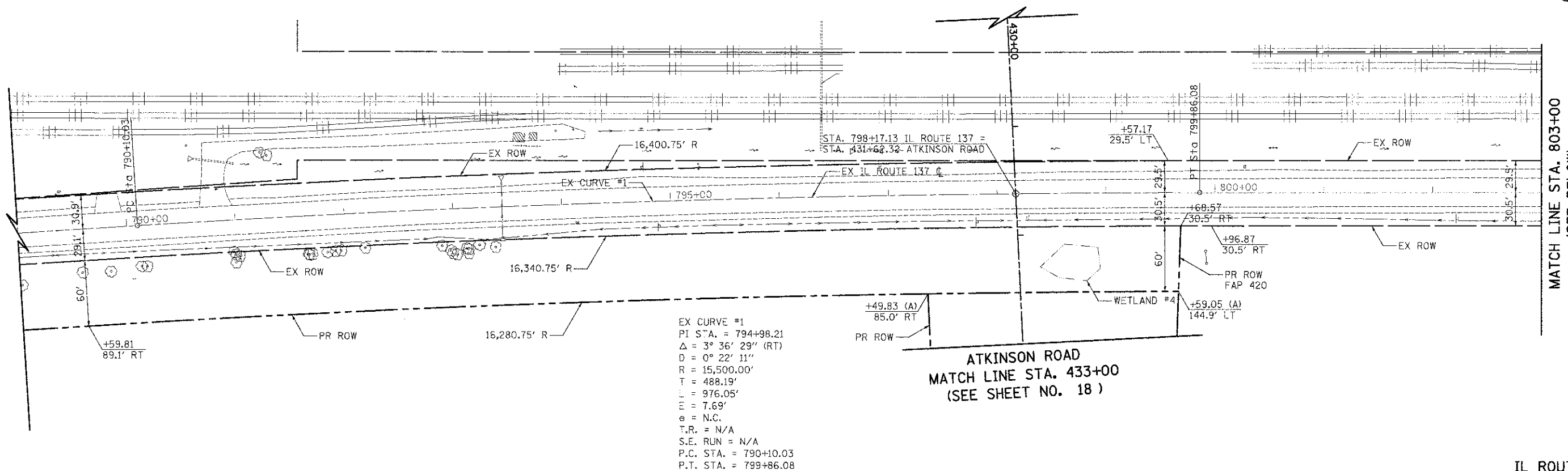
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ATKINSON ROAD  
ALIGNMENT, TIES, AND RIGHT-OF-WAY**

SCALE: 1" = 50' SHEET NO. 1 OF 3 SHEETS STA. 433+00 TO STA. 447+00

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 18
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





EX CURVE #1  
 PI STA. = 794+98.21  
 $\Delta = 3^\circ 36' 29''$  (RT)  
 $D = 0^\circ 22' 11''$   
 $R = 15,500.00'$   
 $T = 488.19'$   
 $L = 976.05'$   
 $E = 7.69'$   
 $e = N.C.$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 790+10.03$   
 $P.T. STA. = 799+86.08$

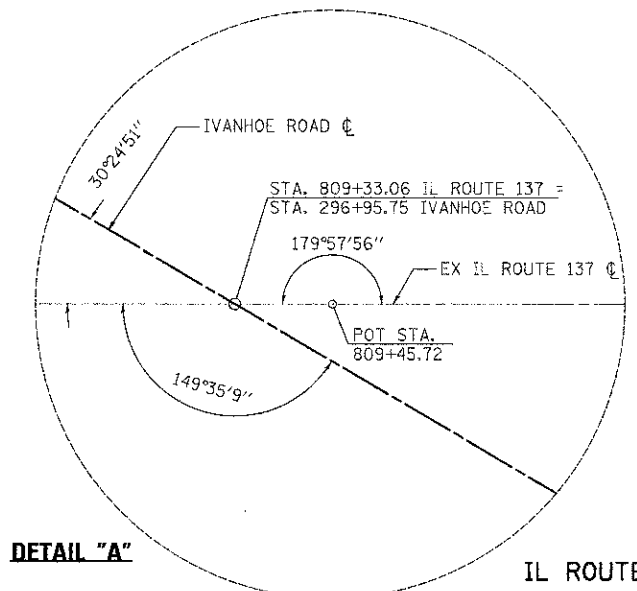
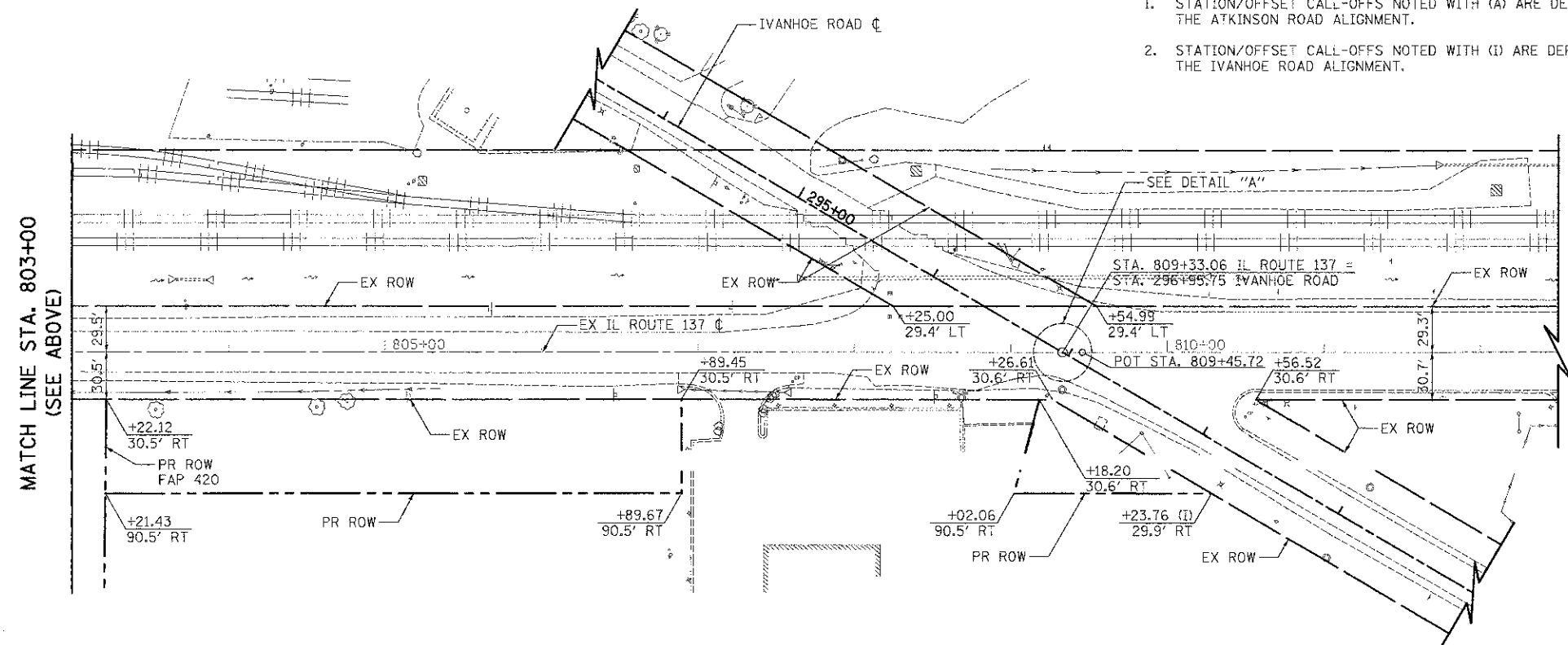
ATKINSON ROAD  
 MATCH LINE STA. 433+00  
 (SEE SHEET NO. 18)

IL ROUTE 137

NOTES

1. STATION/OFFSET CALL-OFFS NOTED WITH (A) ARE DEFINED BY THE ATKINSON ROAD ALIGNMENT.
2. STATION/OFFSET CALL-OFFS NOTED WITH (I) ARE DEFINED BY THE IVANHOE ROAD ALIGNMENT.

EXISTING IL ROUTE 137 CONSTRUCTION CENTERLINE			
DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	782+36.00	2061827.38	1067976.51
P.C.	790+10.03	2062467.16	1067540.84
P.I.	794+98.21	2062870.67	1067266.06
P.T.	799+86.08	2063290.67	1067017.22
P.O.T.	809+45.72	2064116.29	1066528.07
E.O.A.	826+11.13	2065548.59	1065678.31
IVANHOE ROAD CENTERLINE			
B.O.A.	286+67.12	2063076.78	1066538.67
E.O.A.	310+08.67	2065418.32	1066529.22



IL ROUTE 137



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 PLOT DATE: 2/2/2012

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 DATE - 02/06/12

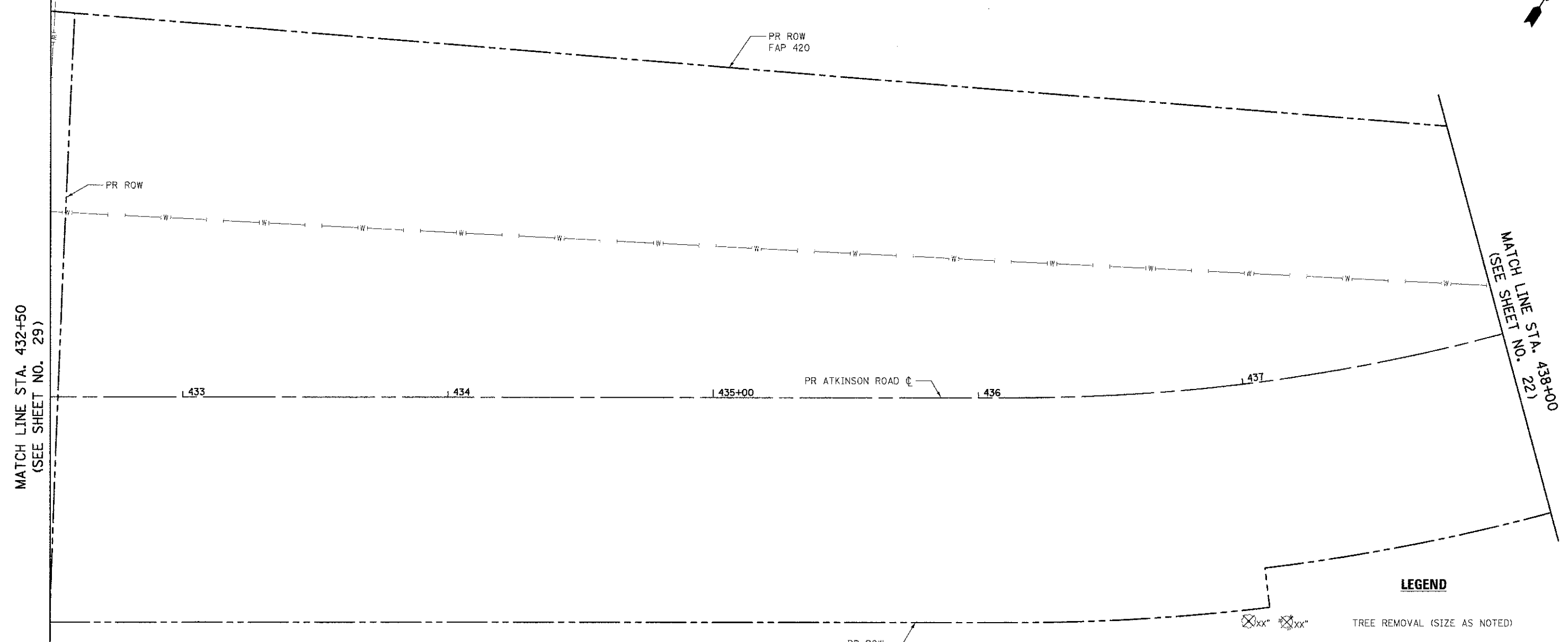
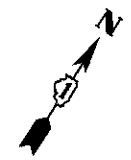
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 137  
 ALIGNMENT, TIES, AND RIGHT-OF-WAY

SCALE: 1" = 50' SHEET NO. 3 OF 3 SHEETS STA. 791+00 TO STA. 812+20

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 20
CONTRACT NO. 63640			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



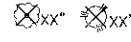
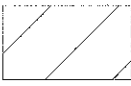
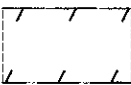

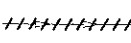

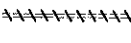


MATCH LINE STA. 432+50  
(SEE SHEET NO. 29)

MATCH LINE STA. 438+00  
(SEE SHEET NO. 22)

**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. FOR TRAFFIC SIGNAL REMOVAL AND RELOCATION PLANS, SEE TRAFFIC SIGNAL SHEETS.
3. FOR SIGN REMOVAL AND RELOCATION PLANS, SEE PAVEMENT MARKING AND SIGN SHEETS.

**LEGEND**

-  TREE REMOVAL (SIZE AS NOTED)
-  HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
-  PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL
-  REMOVING MANHOLES, CATCH BASINS, OR INLETS
-  PIPE CULVERT OR STORM SEWER REMOVAL
-  RELOCATE EXISTING LIGHTING UNIT AND REMOVAL OF POLE FOUNDATION
-  COMBINATION CURB AND GUTTER REMOVAL
-  REMOVE SIGN PANEL ASSEMBLY OR RELOCATE SIGN PANEL ASSEMBLY
-  FIRE HYDRANT AND VALVE TO BE MOVED

**ATKINSON ROAD**



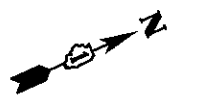
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ATKINSON ROAD  
REMOVAL PLAN**

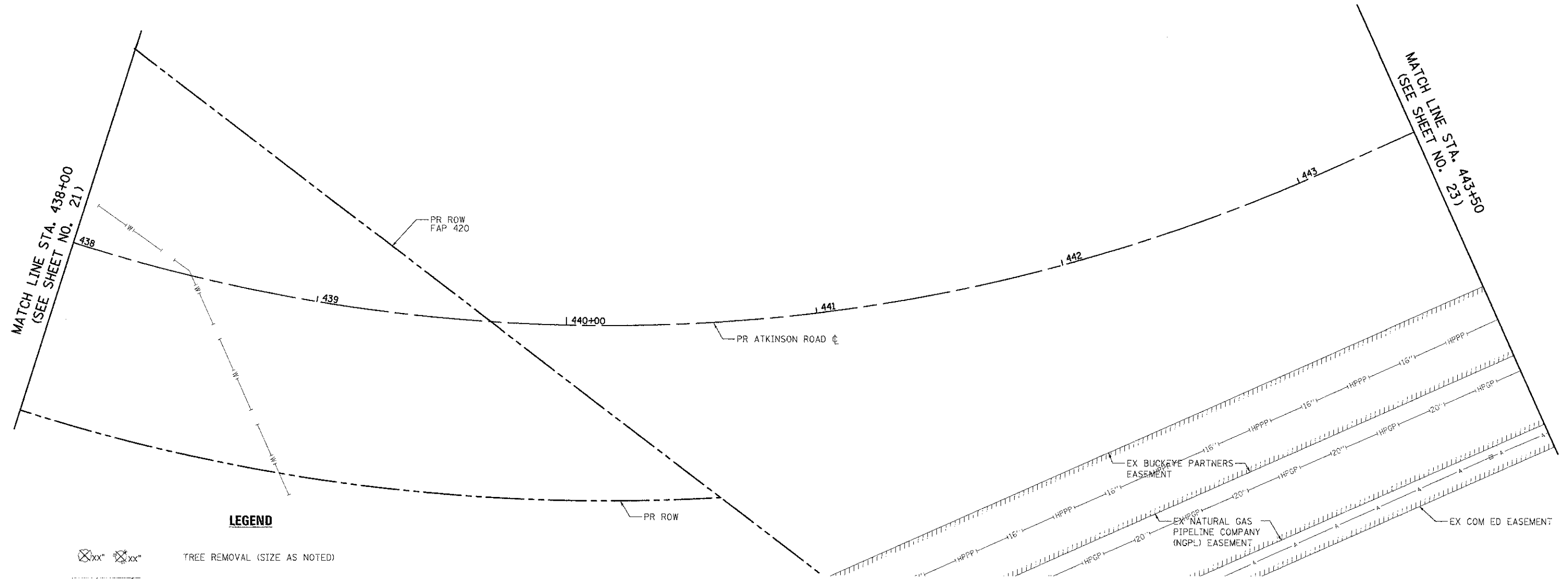
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	21
				<b>CONTRACT NO. 63640</b>



**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. FOR TRAFFIC SIGNAL REMOVAL AND RELOCATION PLANS, SEE TRAFFIC SIGNAL SHEETS.
3. FOR SIGN REMOVAL AND RELOCATION PLANS, SEE PAVEMENT MARKING AND SIGN SHEETS.



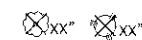
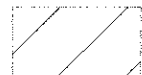
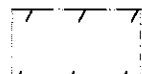

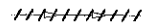

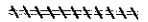


**LEGEND**

- TREE REMOVAL (SIZE AS NOTED)
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL
- REMOVING MANHOLES, CATCH BASINS, OR INLETS
- PIPE CULVERT OR STORM SEWER REMOVAL
- RELOCATE EXISTING LIGHTING UNIT AND REMOVAL OF POLE FOUNDATION
- COMBINATION CURB AND GUTTER REMOVAL
- REMOVE SIGN PANEL ASSEMBLY OR RELOCATE SIGN PANEL ASSEMBLY
- FIRE HYDRANT AND VALVE TO BE MOVED

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	SCALE: 1" = 20'    SHEET NO. 2 OF 13 SHEETS    STA. 438+00 TO STA. 443+50				FEDERAL AID PROJECT		



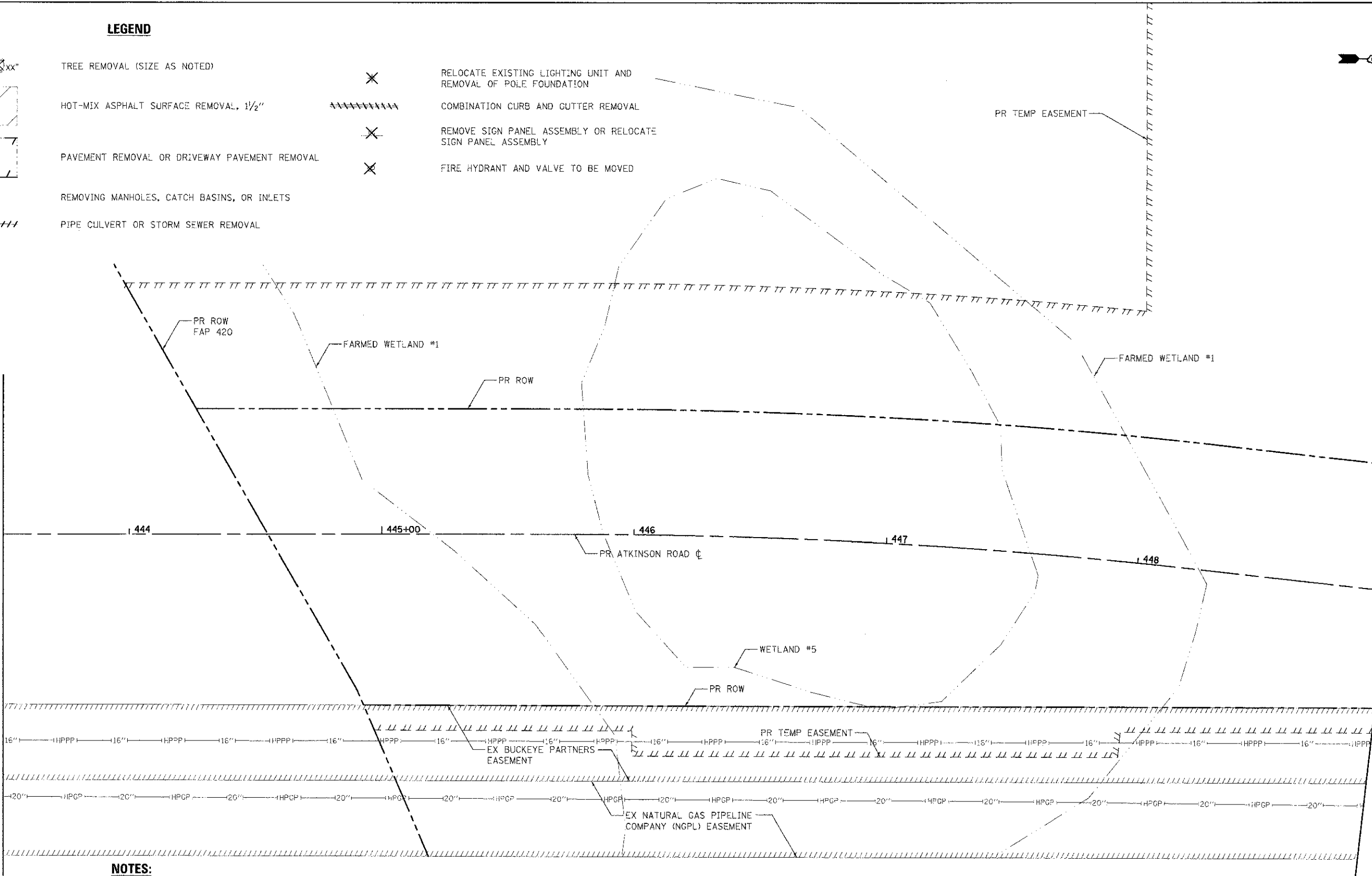
**LEGEND**

-  TREE REMOVAL (SIZE AS NOTED)
-  HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
-  PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL
-  REMOVING MANHOLES, CATCH BASINS, OR INLETS
-  PIPE CULVERT OR STORM SEWER REMOVAL
-  RELOCATE EXISTING LIGHTING UNIT AND REMOVAL OF POLE FOUNDATION
-  COMBINATION CURB AND GUTTER REMOVAL
-  REMOVE SIGN PANEL ASSEMBLY OR RELOCATE SIGN PANEL ASSEMBLY
-  FIRE HYDRANT AND VALVE TO BE MOVED



MATCH LINE STA. 443+50  
(SEE SHEET NO. 22)

MATCH LINE STA. 449+00  
(SEE SHEET NO. 24)



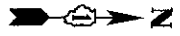
**NOTES:**

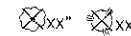
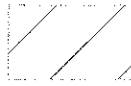
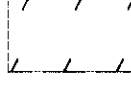

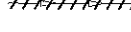

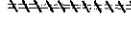


1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. FOR TRAFFIC SIGNAL REMOVAL AND RELOCATION PLANS, SEE TRAFFIC SIGNAL SHEETS.
3. FOR SIGN REMOVAL AND RELOCATION PLANS, SEE PAVEMENT MARKING AND SIGN SHEETS.

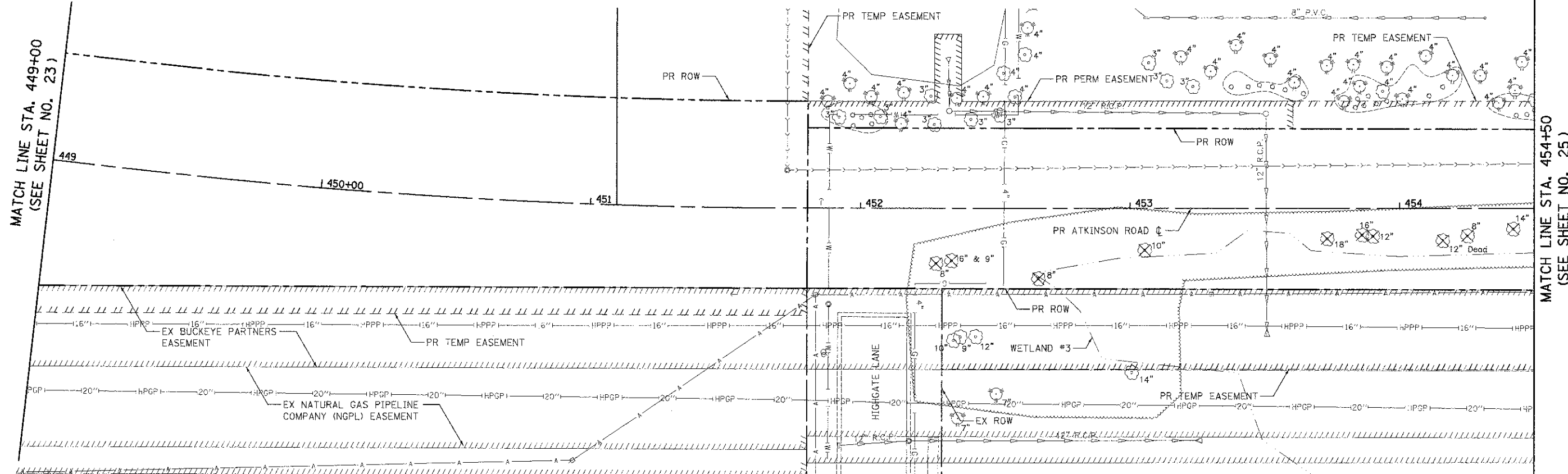
**ATKINSON ROAD**

	USLN NAME = ads	DESIGNED = JSM	REVISED =	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ATKINSON ROAD</b> <b>REMOVAL PLAN</b>	F.A.U. = 198	SECTION = 90-00045-00-PV	COUNTY = LAKE	TOTAL SHEETS = 195	SHEET NO. = 23
	FILE NAME = ...206-Removal\2169-phtrrem03	DRAWN = JSM	REVISED =			SCALE: 1" = 20'	SHEET NO. 3 OF 13 SHEETS	STA. 443+50 TO STA. 449+00	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT	
PLOT SCALE = 20:0000 1/2 in.	CHECKED = DNM	REVISED =	REVISED =	CONTRACT NO. 63640						
PLOT DATE = 2/2/2012	DATE = 02/06/12	REVISED =	REVISED =							

**LEGEND**



-  TREE REMOVAL (SIZE AS NOTED)
-  HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
-  PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL
-  REMOVING MANHOLES, CATCH BASINS, OR INLETS
-  PIPE CULVERT OR STORM SEWER REMOVAL
-  RELOCATE EXISTING LIGHTING UNIT AND REMOVAL OF POLE FOUNDATION
-  COMBINATION CURB AND GUTTER REMOVAL
-  REMOVE SIGN PANEL ASSEMBLY OR RELOCATE SIGN PANEL ASSEMBLY
-  FIRE HYDRANT AND VALVE TO BE MOVED



**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. FOR TRAFFIC SIGNAL REMOVAL AND RELOCATION PLANS, SEE TRAFFIC SIGNAL SHEETS.
3. FOR SIGN REMOVAL AND RELOCATION PLANS, SEE PAVEMENT MARKING AND SIGN SHEETS.



USER NAME: jds	DESIGNED: JSM	REVISED:
FILE NAME: ...	DRAWN: JSM	REVISED:
PLOT SCALE: 20,000 / 1"	CHECKED: DNM	REVISED:
PLOT DATE: 2/2/2012	DATE: 02/06/12	REVISED:

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

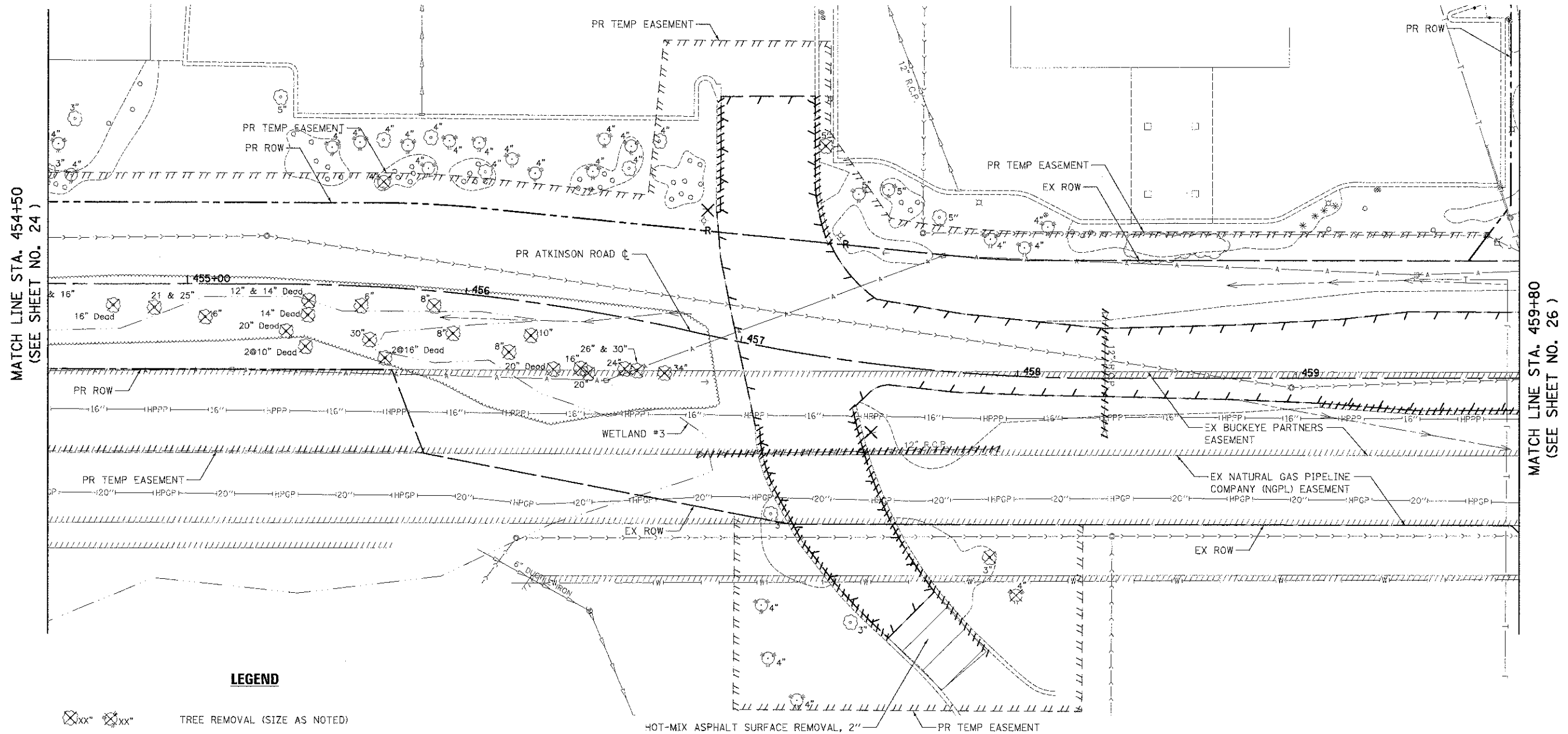
**ATKINSON ROAD  
REMOVAL PLAN**

SCALE: 1" = 20' SHEET NO. 4 OF 13 SHEETS STA. 449+00 TO STA. 454+50

F.A.L. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640	

**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. FOR TRAFFIC SIGNAL REMOVAL AND RELOCATION PLANS, SEE TRAFFIC SIGNAL SHEETS.
3. FOR SIGN REMOVAL AND RELOCATION PLANS, SEE PAVEMENT MARKING AND SIGN SHEETS.



MATCH LINE STA. 454+50  
(SEE SHEET NO. 24)

MATCH LINE STA. 459+80  
(SEE SHEET NO. 26)

**LEGEND**

- |  |   |  |  |
|--|---|--|--|
|  | TREE REMOVAL (SIZE AS NOTED)                  |  | RELOCATE EXISTING LIGHTING UNIT AND REMOVAL OF POLE FOUNDATION |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 2"           |  | COMBINATION CURB AND GUTTER REMOVAL                            |
|  | PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL |  | REMOVE SIGN PANEL ASSEMBLY OR RELOCATE SIGN PANEL ASSEMBLY     |
|  | PIPE CULVERT OR STORM SEWER REMOVAL           |  | FIRE HYDRANT AND VALVE TO BE MOVED                             |



USER NAME: jds	DESIGNED: JSM
FILE NAME: ..\06-Removals\2189-sh1-trm25	DRAWN: JSM
PLT SCALE: 20.0000 / in.	CHECKED: DNM
PLT DATE: 2/2/2012	DATE: 02/06/12

REVISED: -
REVISED: -
REVISED: -
REVISED: -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

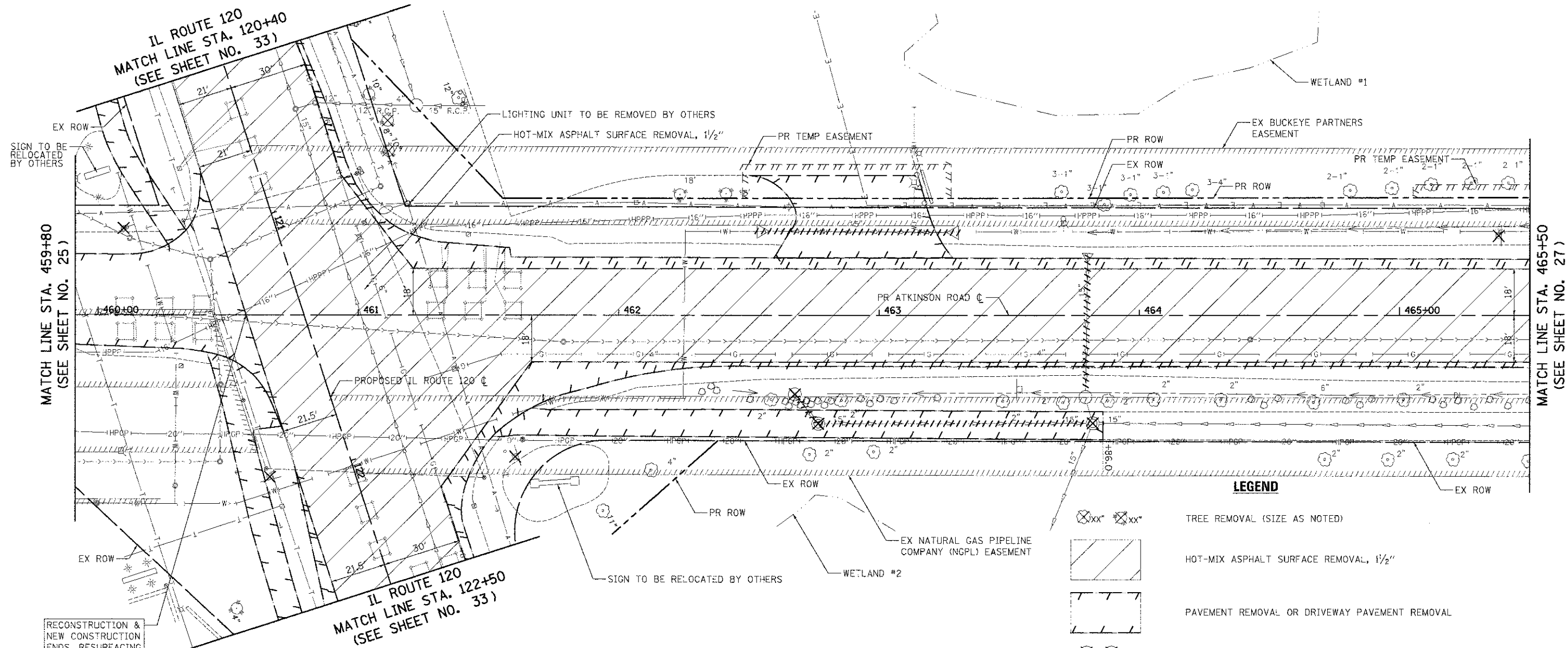
**ATKINSON ROAD  
REMOVAL PLAN**

SCALE: 1" = 20'    SHEET NO. 5 OF 13 SHEETS    STA. 454+50 TO STA. 460+00

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 25
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. FOR TRAFFIC SIGNAL REMOVAL AND RELOCATION PLANS, SEE TRAFFIC SIGNAL SHEETS.
3. FOR SIGN REMOVAL AND RELOCATION PLANS, SEE PAVEMENT MARKING AND SIGN SHEETS.
4. SEE PLAN & PROFILE SHEETS FOR ADDITIONAL RESURFACING DIMENSIONS.



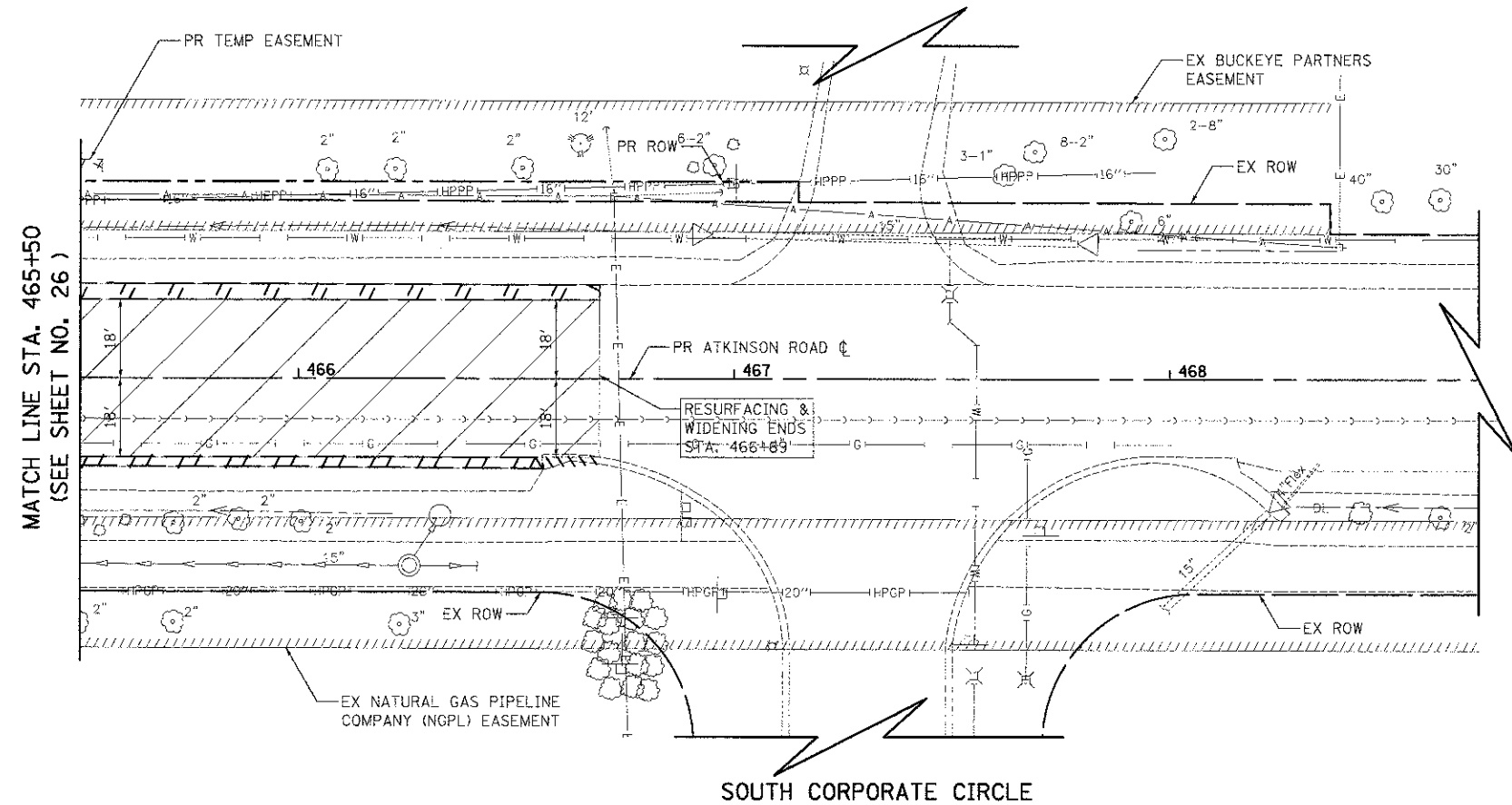
RECONSTRUCTION & NEW CONSTRUCTION ENDS, RESURFACING & WIDENING BEGINS STA. 460+56.5

**LEGEND**

	TREE REMOVAL (SIZE AS NOTED)
	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
	PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL
	REMOVING MANHOLES, CATCH BASINS, OR INLETS
	PIPE CULVERT OR STORM SEWER REMOVAL
	RELOCATE EXISTING LIGHTING UNIT AND REMOVAL OF POLE FOUNDATION
	COMBINATION CURB AND GUTTER REMOVAL
	REMOVE SIGN PANEL ASSEMBLY OR RELOCATE SIGN PANEL ASSEMBLY
	FIRE HYDRANT AND VALVE TO BE MOVED

**ATKINSON ROAD**

	USER NAME = eds FILE NAME = ...106-Removal-2189-sh... PLOT SCALE = 20,000 / 1" = 20' PLOT DATE = 2/2/2012	DESIGNED - JSM DRAWN - JSM CHECKED - DNM DATE - 02/06/12	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ATKINSON ROAD REMOVAL PLAN</b>	F.A.U. / R.T.E. = 198	SECTION = 00-00045-00-PV	COUNTY = LAKE	TOTAL SHEETS = 195	SHEET NO. = 26
	SCALE: 1" = 20'    SHEET NO. 6 OF 13 SHEETS    STA. 460+00 TO STA. 465+50					CONTRACT NO. 63640				



**LEGEND**

- TREE REMOVAL (SIZE AS NOTED)
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL
- REMOVING MANHOLES, CATCH BASINS, OR INLETS
- PIPE CULVERT OR STORM SEWER REMOVAL
- RELOCATE EXISTING LIGHTING UNIT AND REMOVAL OF POLE FOUNDATION
- COMBINATION CURB AND GUTTER REMOVAL
- REMOVE SIGN PANEL ASSEMBLY OR RELOCATE SIGN PANEL ASSEMBLY
- FIRE HYDRANT AND VALVE TO BE MOVED

**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. FOR TRAFFIC SIGNAL REMOVAL AND RELOCATION PLANS, SEE TRAFFIC SIGNAL SHEETS.
3. FOR SIGN REMOVAL AND RELOCATION PLANS, SEE PAVEMENT MARKING AND SIGN SHEETS.



USER NAME - eds	DESIGNED - JSM	REVISED -
FILE NAME - \\ns6-removals\2109-sh-1-en07	DRAWN - JSM	REVISED -
PLOT SCALE - 20.0000' / 1" =	CHECKED - DNM	REVISED -
PLOT DATE - 2/2/2012	DATE - 02/06/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ATKINSON ROAD  
REMOVAL PLAN**

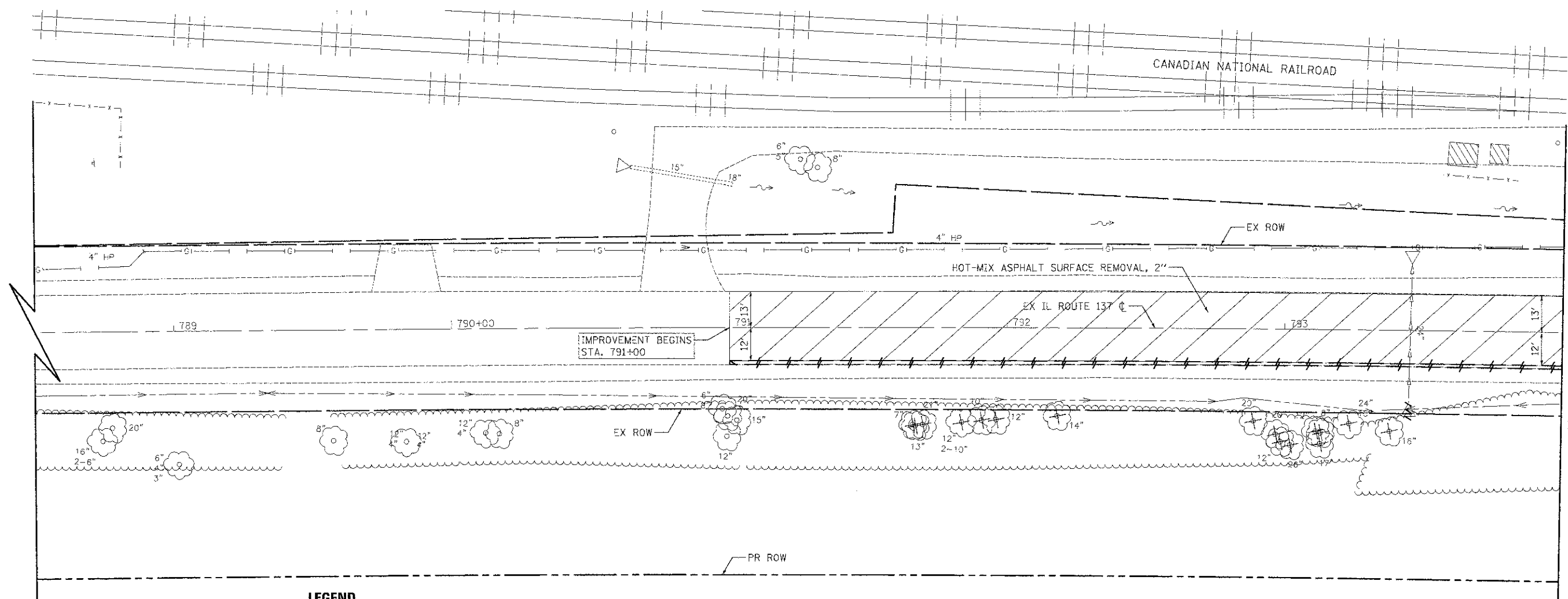
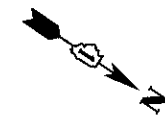
SCALE: 1" = 20' SHEET NO. 7 OF 13 SHEETS STA. 465+50 TO STA. 466+69

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEET SHEETS: NO. 195 27
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640

ATKINSON ROAD

**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. FOR TRAFFIC SIGNAL REMOVAL AND RELOCATION PLANS, SEE TRAFFIC SIGNAL SHEETS.
3. FOR SIGN REMOVAL AND RELOCATION PLANS, SEE PAVEMENT MARKING AND SIGN SHEETS.



MATCH LINE STA. 794+00  
(SEE SHEET NO. 29)

**LEGEND**

- |  |   |  |  |
|--|---|--|--|
|  | TREE REMOVAL (SIZE AS NOTED)                  |  | PIPE CULVERT OR STORM SEWER REMOVAL                            |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 2"           |  | RELOCATE EXISTING LIGHTING UNIT AND REMOVAL OF POLE FOUNDATION |
|  | PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL |  | COMBINATION CURB AND GUTTER REMOVAL                            |
|  | REMOVING MANHOLES, CATCH BASINS, OR INLETS    |  | REMOVE SIGN PANEL ASSEMBLY OR RELOCATE SIGN PANEL ASSEMBLY     |
|  |   |  | FIRE HYDRANT AND VALVE TO BE MOVED                             |

IL ROUTE 137



USER NAME = eds	DESIGNED = JSM	REVISED
FILE NAME = ...\\05-Removals\2189.sht-rem08	DRAWN = JSM	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED = DNM	REVISED -
PLOT DATE = 2/2/2012	DATE = 02/06/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 137  
REMOVAL PLAN**

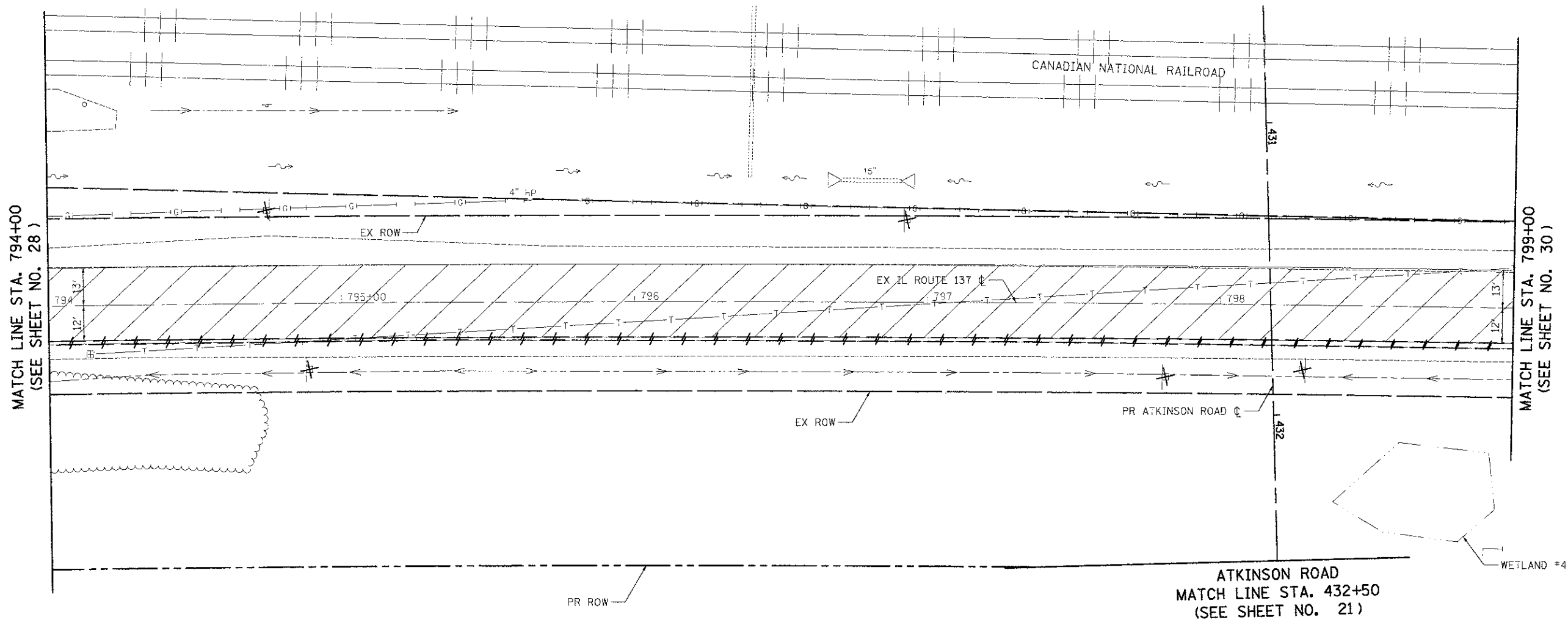
SCALE: 1" = 20' SHEET NO. 8 OF 13 SHEETS STA. 791+00 TO STA. 794+00

F.A.U. RT# 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 28
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. FOR TRAFFIC SIGNAL REMOVAL AND RELOCATION PLANS, SEE TRAFFIC SIGNAL SHEETS.
3. FOR SIGN REMOVAL AND RELOCATION PLANS, SEE PAVEMENT MARKING AND SIGN SHEETS.



**LEGEND**

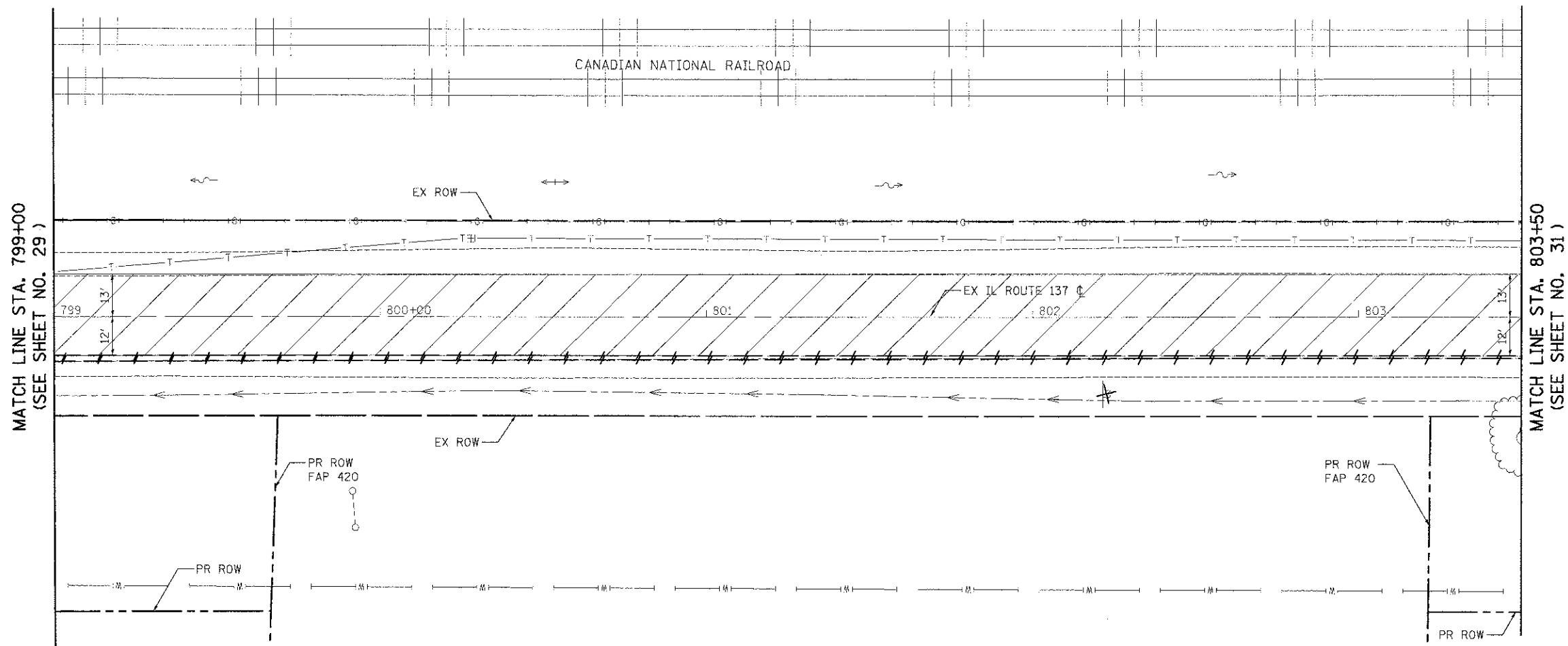
- |  |   |  |  |
|--|---|--|--|
|  | TREE REMOVAL (SIZE AS NOTED)                  |  | PIPE CULVERT OR STORM SEWER REMOVAL                            |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 2"           |  | RELOCATE EXISTING LIGHTING UNIT AND REMOVAL OF POLE FOUNDATION |
|  | PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL |  | COMBINATION CURB AND GUTTER REMOVAL                            |
|  | REMOVING MANHOLES, CATCH BASINS, OR INLETS    |  | REMOVE SIGN PANEL ASSEMBLY OR RELOCATE SIGN PANEL ASSEMBLY     |
|  |   |  | FIRE HYDRANT AND VALVE TO BE MOVED                             |

IL ROUTE 137

	USER NAME = eds FILE NAME = ...\\26-flamovola\2184 sht rem... PLOT SCALE = 20.0000' / 1" = 20' PLOT DATE = 2/2/2012	DESIGNED - JSM DRAWN - JSM CHECKED - DNM DATE - 02/06/12	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL ROUTE 137 REMOVAL PLAN</b>	F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195 SHEETS NO. 29	CONTRACT NO. 63640
	SCALE: 1" = 20' SHEET NO. 9 OF 13 SHEETS STA. 794+00 TO STA. 799+00					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. FOR TRAFFIC SIGNAL REMOVAL AND RELOCATION PLANS, SEE TRAFFIC SIGNAL SHEETS.
3. FOR SIGN REMOVAL AND RELOCATION PLANS, SEE PAVEMENT MARKING AND SIGN SHEETS.



MATCH LINE STA. 799+00  
(SEE SHEET NO. 29)

MATCH LINE STA. 803+50  
(SEE SHEET NO. 31)

**LEGEND**

- |  |   |  |  |
|--|---|--|--|
|  | TREE REMOVAL (SIZE AS NOTED)                  |  | PIPE CULVERT OR STORM SEWER REMOVAL                            |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 2"           |  | RELOCATE EXISTING LIGHTING UNIT AND REMOVAL OF POLE FOUNDATION |
|  | PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL |  | COMBINATION CURB AND GUTTER REMOVAL                            |
|  | REMOVING MANHOLES, CATCH BASINS, OR INLETS    |  | REMOVE SIGN PANEL ASSEMBLY OR RELOCATE SIGN PANEL ASSEMBLY     |
|  |   |  | FIRE HYDRANT AND VALVE TO BE MOVED                             |

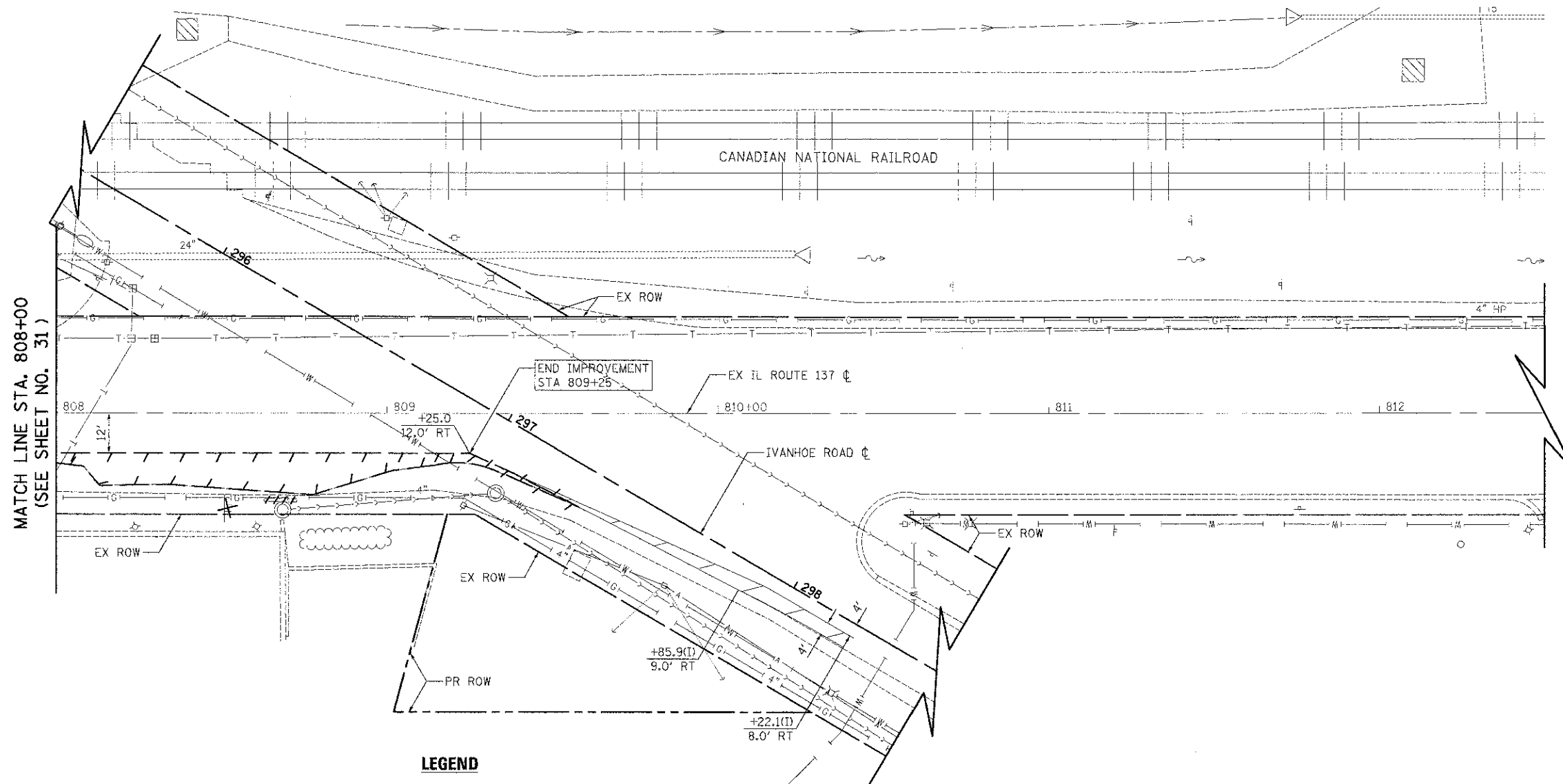
IL ROUTE 137

	USER NAME - ods FILE NAME - \\06-Romove\p\2189-shit-rant\2189-12.dwg PLOT SCALE = 20.0000 1/2" = 1'-0" PLOT DATE = 2/2/2012	DESIGNED - JSM DRAWN - JSM CHECKED - DNM DATE - 02/06/12	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL ROUTE 137</b> <b>REMOVAL PLAN</b>	F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 30	CONTRACT NO. 63640
	SCALE: 1" = 20'    SHEET NO. 10 OF 13 SHEETS    STA. 799+00 TO STA. 803+50    FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT										



**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. FOR TRAFFIC SIGNAL REMOVAL AND RELOCATION PLANS, SEE TRAFFIC SIGNAL SHEETS.
3. FOR SIGN REMOVAL AND RELOCATION PLANS, SEE PAVEMENT MARKING AND SIGN SHEETS.
4. STATION/OFFSET CALL-OFFS NOTED WITH (I) ARE DEFINED BY THE PROPOSED IVANHOE ROAD CENTERLINE.



**LEGEND**

- |  |   |  |  |
|--|---|--|--|
|  | TREE REMOVAL (SIZE AS NOTED)                  |  | PIPE CULVERT OR STORM SEWER REMOVAL                            |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 2"           |  | RELOCATE EXISTING LIGHTING UNIT AND REMOVAL OF POLE FOUNDATION |
|  | PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL |  | COMBINATION CURB AND GUTTER REMOVAL                            |
|  | REMOVING MANHOLES, CATCH BASINS, OR INLETS    |  | REMOVE SIGN PANEL ASSEMBLY OR RELOCATE SIGN PANEL ASSEMBLY     |
|  |   |  | FIRE HYDRANT AND VALVE TO BE MOVED                             |



USER NAME = eds  
 FILE NAME = ...\\08-Removals\2189\raft-ent12  
 PLOT SCALE = 20.0000 1/16"  
 PLOT DATE = 2/2/2012

DESIGNED - JSM  
 DRAWN - JSM  
 CHECKED - DNM  
 DATE - 02/06/12

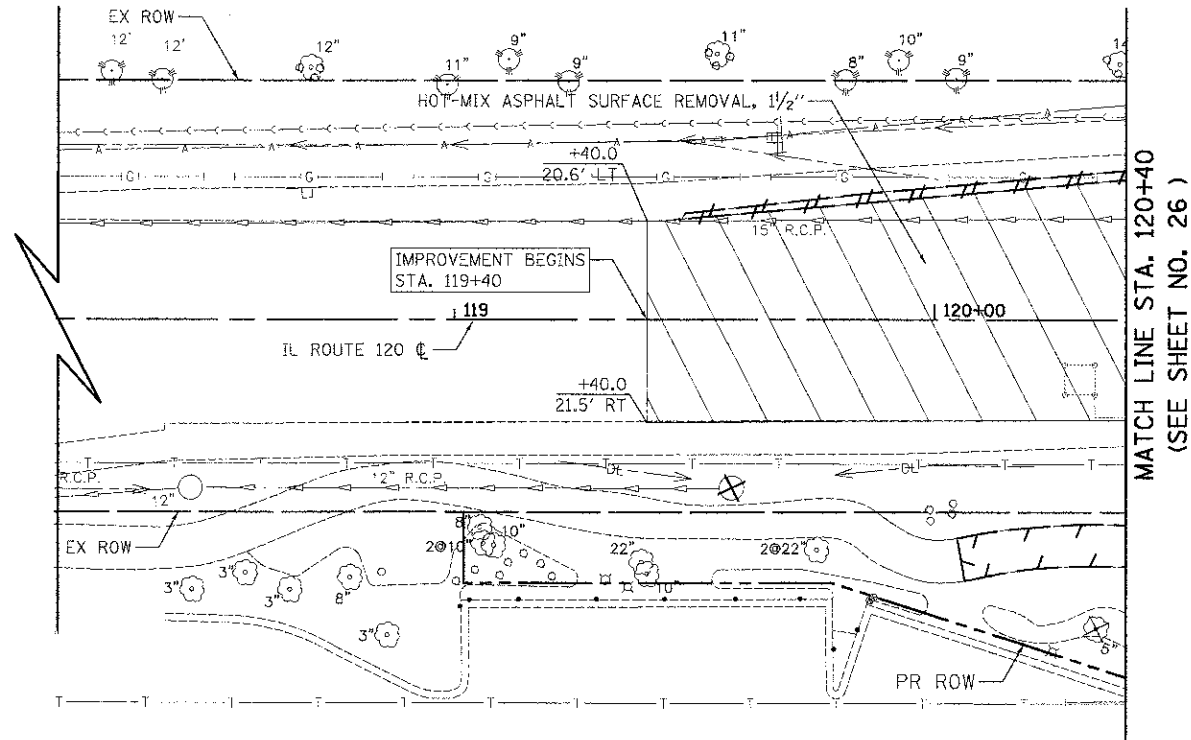
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 137  
 REMOVAL PLAN**

SCALE: 1" = 20' SHEET NO. 12 OF 13 SHEETS STA. 808+00 TO STA. 812+20

F.A.U. RTE. 196	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 32
<b>CONTRACT NO. 63640</b>				
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				

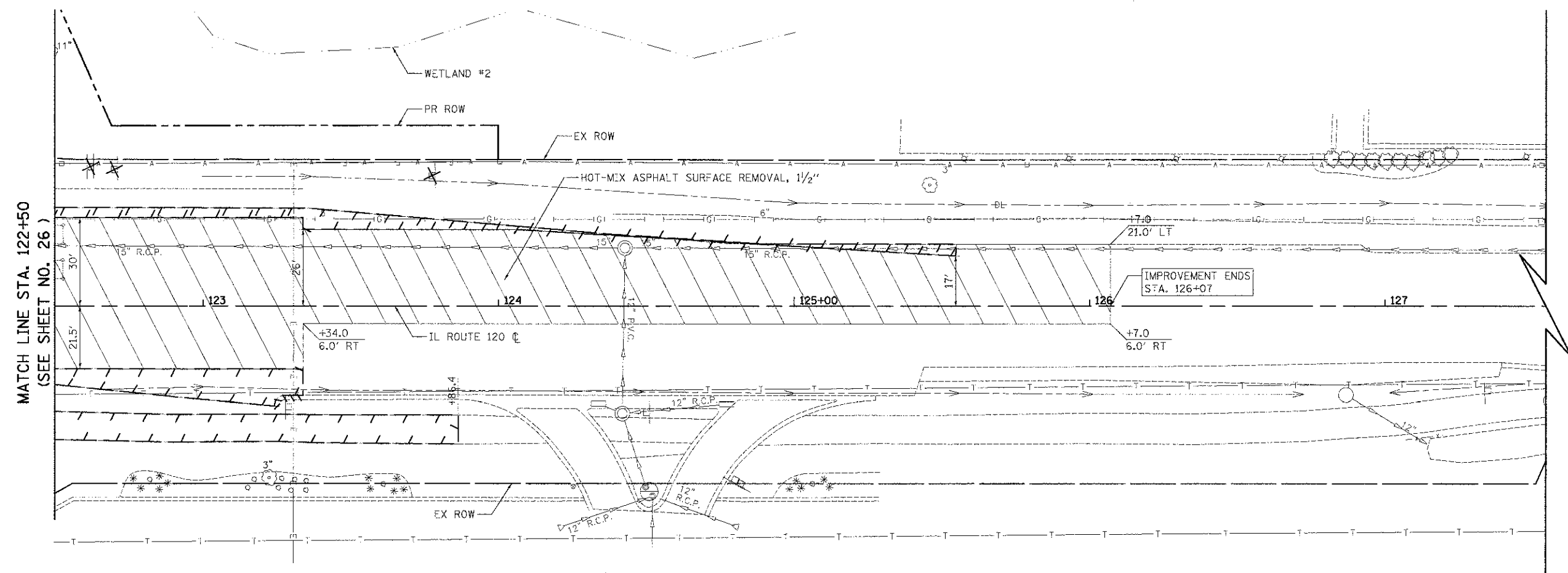


**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. FOR TRAFFIC SIGNAL REMOVAL AND RELOCATION PLANS, SEE TRAFFIC SIGNAL SHEETS.
3. FOR SIGN REMOVAL AND RELOCATION PLANS, SEE PAVEMENT MARKING AND SIGN SHEETS.
4. SEE PLAN & PROFILE SHEETS FOR ADDITIONAL RESURFACING DIMENSIONS.

**LEGEND**

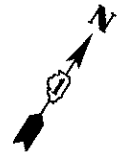
	TREE REMOVAL (SIZE AS NOTED)		PIPE CULVERT OR STORM SEWER REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"		RELOCATE EXISTING LIGHTING UNIT AND REMOVAL OF POLE FOUNDATION
	PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL		COMBINATION CURB AND GUTTER REMOVAL
	REMOVING MANHOLES, CATCH BASINS, OR INLETS		REMOVE SIGN PANEL ASSEMBLY OR RELOCATE SIGN PANEL ASSEMBLY
			FIRE HYDRANT AND VALVE TO BE MOVED



IL ROUTE 120

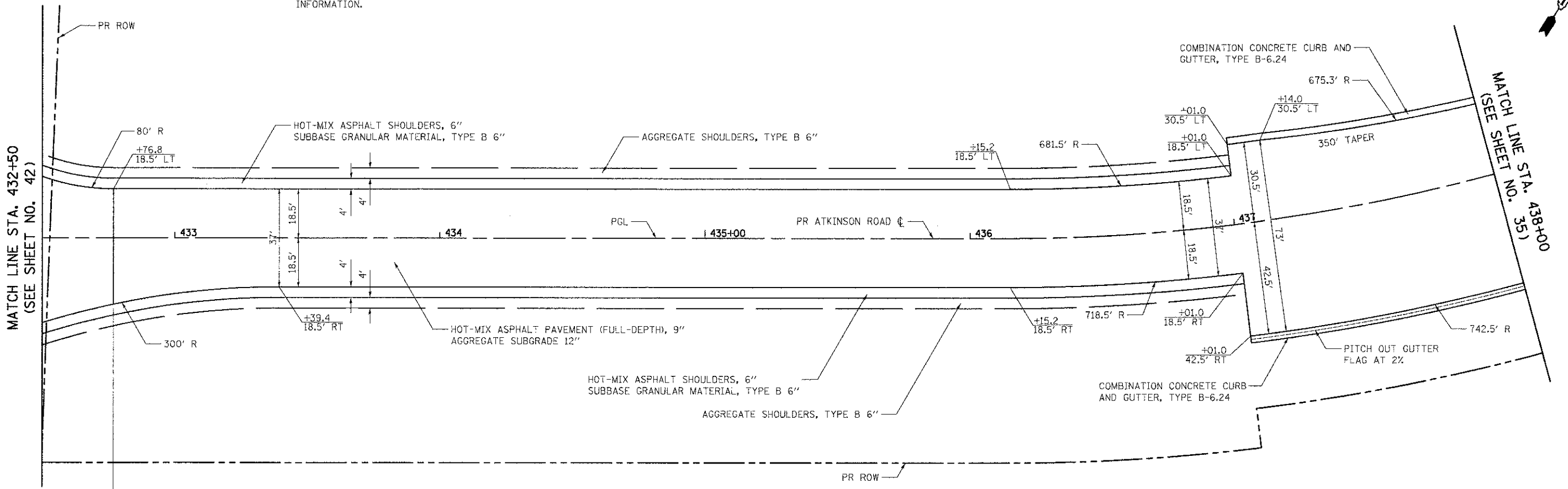
**NOTES:**

- SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.



DATE	
BY	
CHECKED	
DESIGNED	
DRAWN	
IN CHARGE	
PROJECT	
NO.	

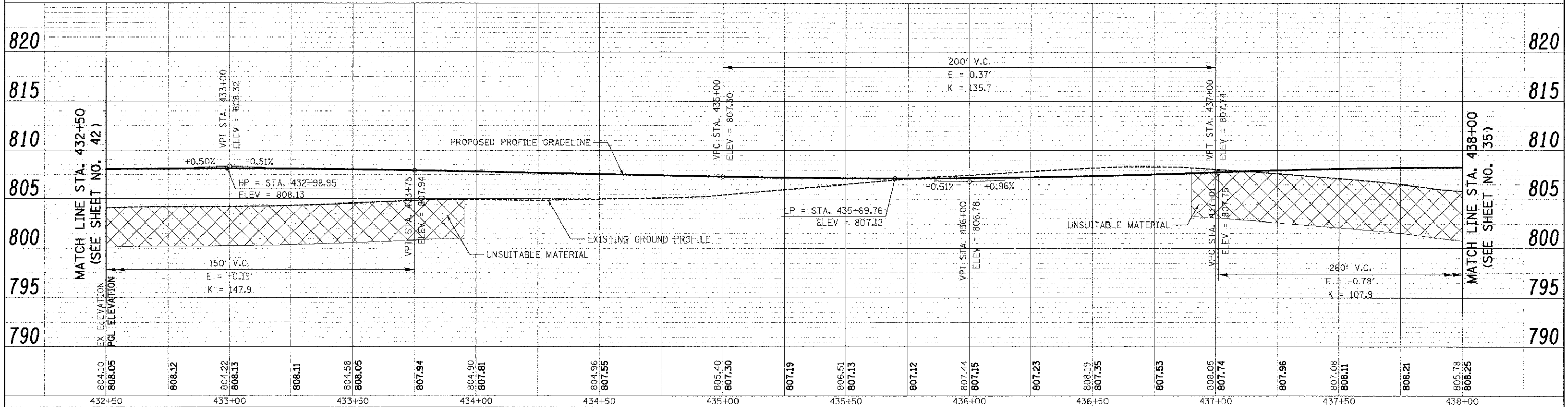
DATE	
BY	
CHECKED	
DESIGNED	
DRAWN	
IN CHARGE	
PROJECT	
NO.	



IL ROUTE 137  
LIMIT OF PROPOSED WIDENING

ATKINSON ROAD  
LIMIT OF HMA PAVEMENT (FULL-DEPTH), 9"

ATKINSON ROAD



USER NAME = ebs	DESIGNED - JSM	REVISED -
FILE NAME = ...2189-shr:ino-f01.dgn	DRAWN - JSM	REVISED -
PLOT SCALE = 28.0000 / 1"	CHECKED - DNM	REVISED -
PLOT DATE = 2/2/2012	DATE - 02/06/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ATKINSON ROAD  
PLAN AND PROFILE**

SCALE: 1" = 20' SHEET NO. 1 OF 13 SHEETS STA. 432+50 TO STA. 438+00

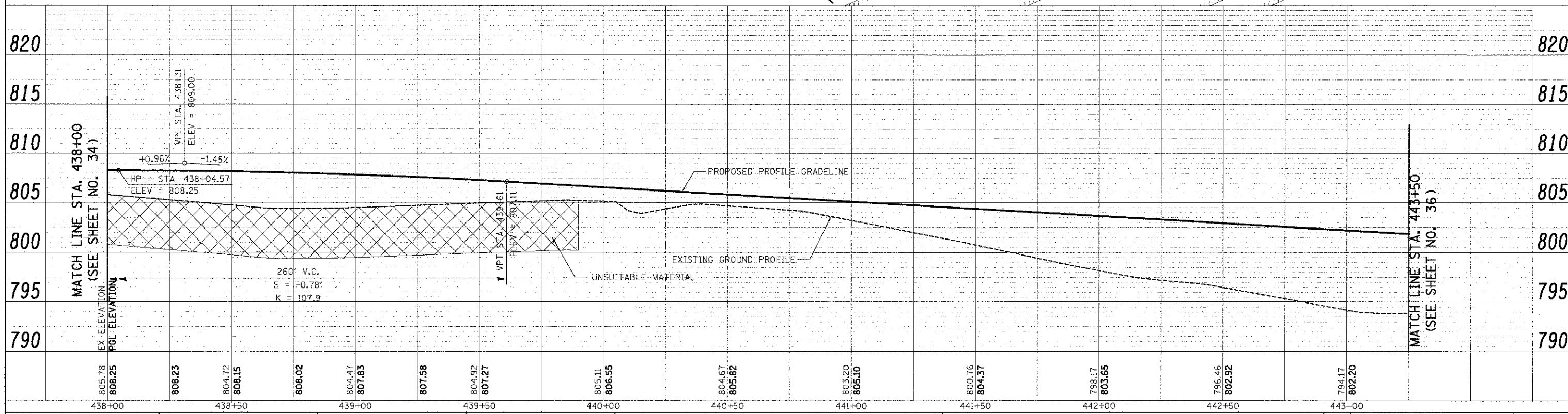
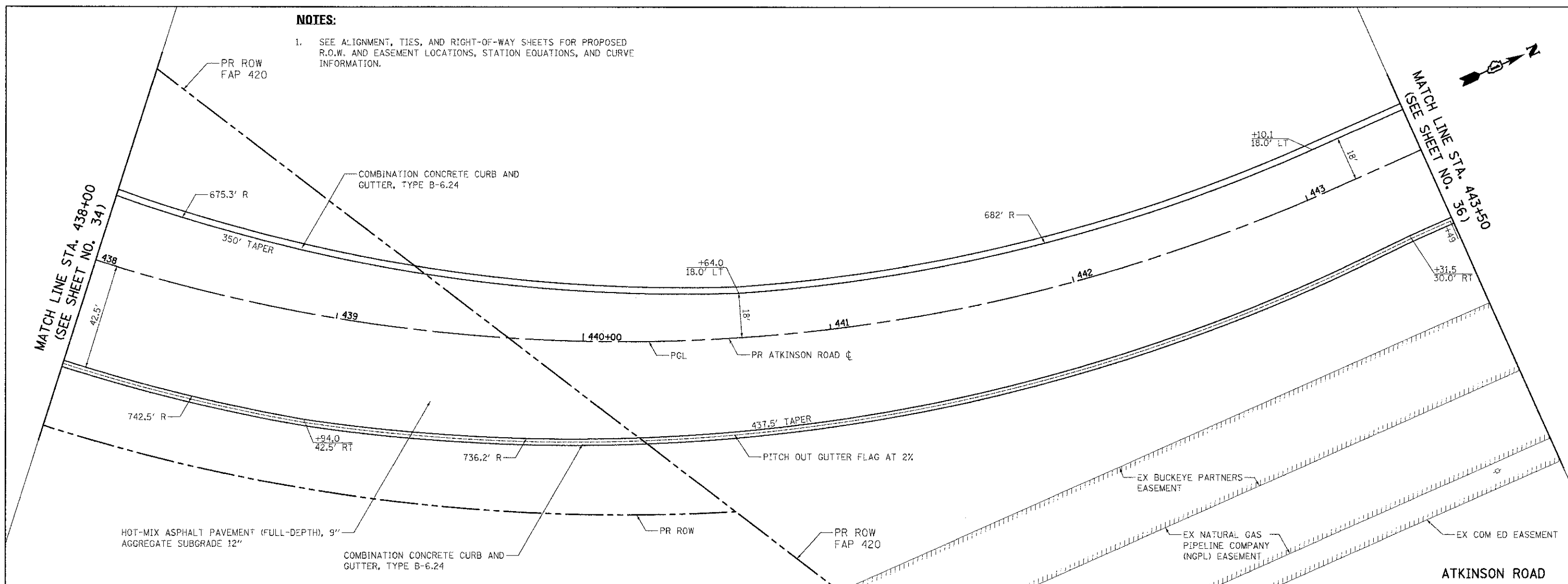
F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 34
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.

PLAN	DATE
BY	
REVISIONS	
NO.	DESCRIPTION
1	ADJUSTMENT CHECKED
2	REV. OF WAY CHECKED
3	PROJ FILE NAME

PROFILE	DATE
BY	
REVISIONS	
NO.	DESCRIPTION
1	GRADES CHECKED
2	REV. OF WAY CHECKED
3	STRUCTURE NOTATIONS CHECKED



805.78	808.25	808.23	804.72	808.15	808.02	804.47	807.85	807.58	804.92	807.27	805.11	806.55	804.67	805.82	803.20	805.10	800.76	804.37	798.17	803.65	796.46	802.92	794.17	802.20
438+00		438+50		439+00		439+50		440+00		440+50		441+00		441+50		442+00		442+50		443+00				



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PLT DATE = 2/2/2012	DATE = 02/06/12	REVISED =

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

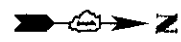
**ATKINSON ROAD  
PLAN AND PROFILE**

SCALE: 1" = 20'    SHEET NO. 2 OF 13 SHEETS    STA. 438+00 TO STA. 443+50

F.A.U. R.T.E. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 35
CONTRACT NO. 63640			ILLINOIS FED. AID PROJECT	

PLAN	DESIGNED	DATE
NO. 2 BOOK	ALIGNED	
NO. 10	RIGHT OF WAY CHECKED	
NO. 11	NO. 12	

PROFILE	DESIGNED	DATE
NO. 1 BOOK	GRADES CHECKED	
NO. 2	NO. 3	
NO. 4	NO. 5	

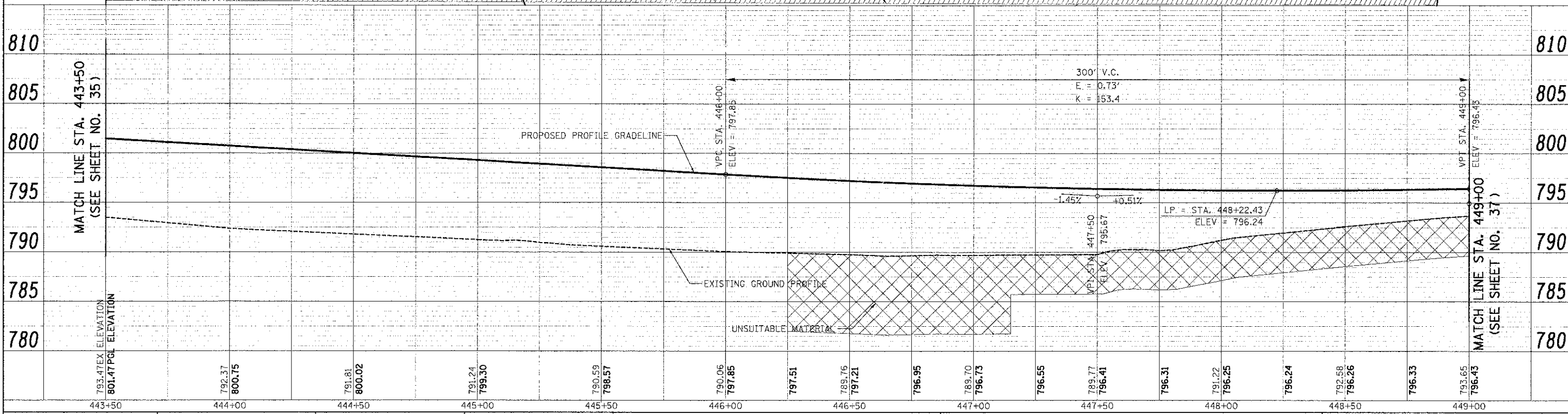
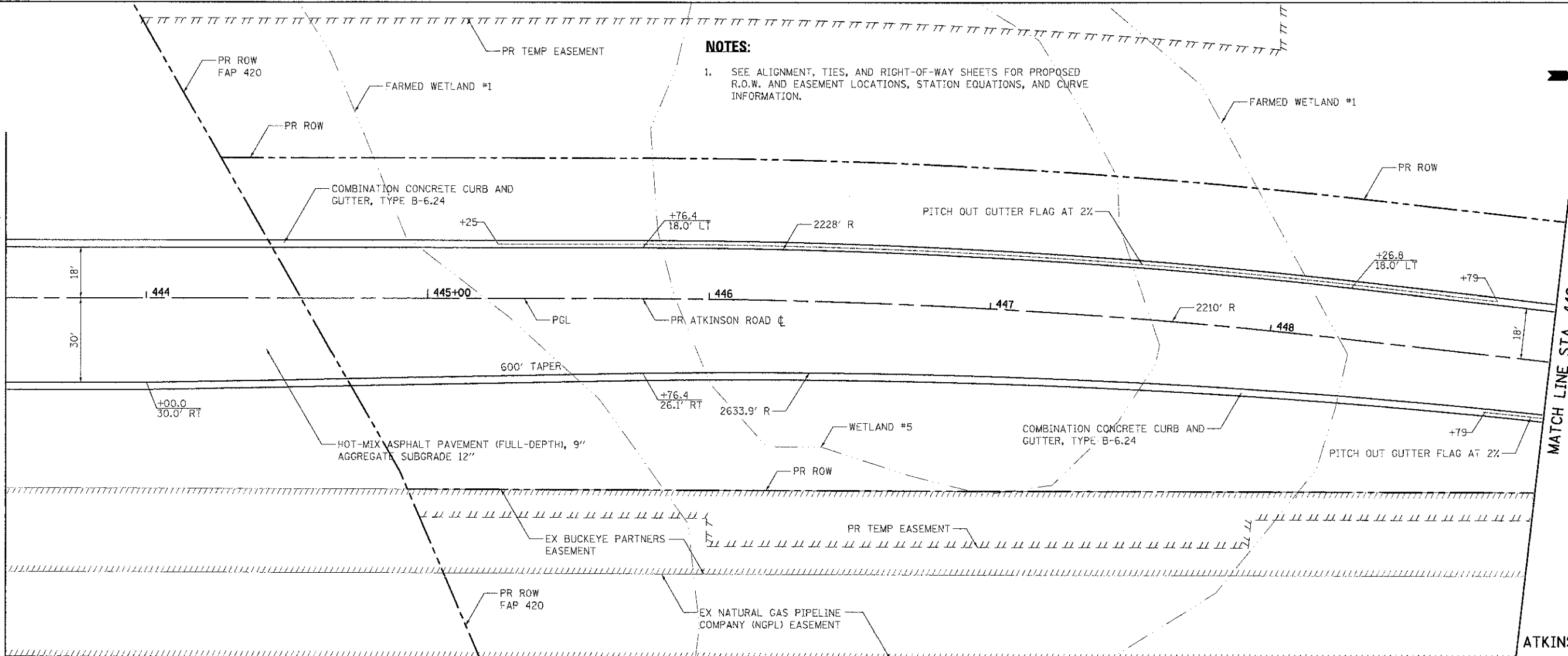


**NOTES:**

- SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATON EQUATIONS, AND CURVE INFORMATION.

MATCH LINE STA. 443+50  
(SEE SHEET NO. 35)

MATCH LINE STA. 449+00  
(SEE SHEET NO. 37)



793.47	792.37	791.81	791.24	790.59	790.06	797.51	789.76	796.95	789.70	796.55	789.77	796.31	791.22	796.24	792.58	796.33	793.65
801.47	800.75	800.02	799.30	798.57	797.85	797.13	796.41	795.69	794.97	794.25	793.53	792.81	792.09	791.37	790.65	799.93	799.21
443+50	444+00	444+50	445+00	445+50	446+00	446+50	447+00	447+50	448+00	448+50	449+00						



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FILE NAME = ...2189-shh-plnpr-f23.dgn	DRAWN = JSM	REVISED =
PLOT SCALE = 20.0000 / 1"	CHECKED = DNM	REVISED =
PLOT DATE = 2/2/2012	DATE = 02/06/12	REVISED =

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ATKINSON ROAD PLAN AND PROFILE</b>	
SCALE: 1" = 20'	SHEET NO. 3 OF 13 SHEETS : STA. 443+50 TO STA. 449+00

F.A.I. R.T.E. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 36
CONTRACT NO. 63640			ILLINOIS FED. AID PROJECT	



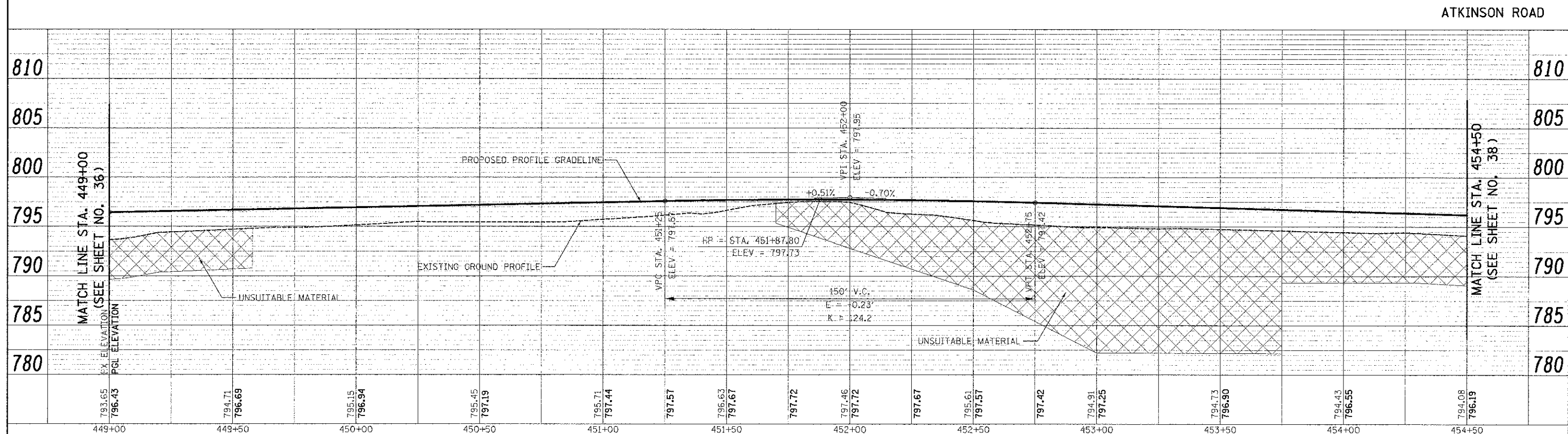
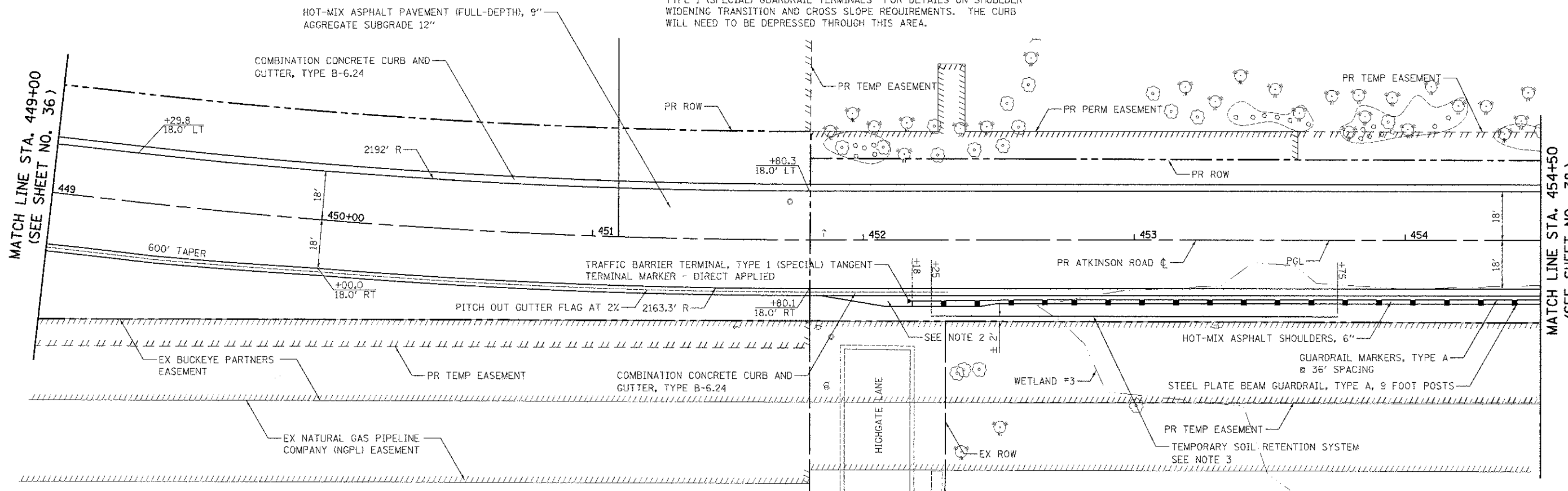
**NOTES:**

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
2. SEE IDOT HIGHWAY STANDARD 630301-05, "SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS" FOR DETAILS ON SHOULDER WIDENING TRANSITION AND CROSS SLOPE REQUIREMENTS. THE CURB WILL NEED TO BE DEPRESSED THROUGH THIS AREA.
3. THE TEMPORARY SOIL RETENTION SYSTEM SHALL BE PLACED ENTIRELY WITHIN THE ROW.



DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY



449+00	449+50	450+00	450+50	451+00	451+50	452+00	452+50	453+00	453+50	454+00	454+50				
793.65 796.43	794.71 796.69	795.15 796.94	795.45 797.19	795.71 797.44	797.57	796.63 797.67	797.72	797.46 797.72	797.67	795.61 797.57	797.42	794.91 797.25	794.73 796.90	794.43 796.55	794.08 796.19



USER NAME = eds	DESIGNED - JSM	REVISED -
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PLOT DATE = 3/21/2012	DATE - 02/06/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ATKINSON ROAD  
PLAN AND PROFILE**

SCALE: 1" = 20' SHEET NO. 4 OF 13 SHEETS STA. 432+50 TO STA. 438+00

F.A.I. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 37
CONTRACT NO. 63640			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

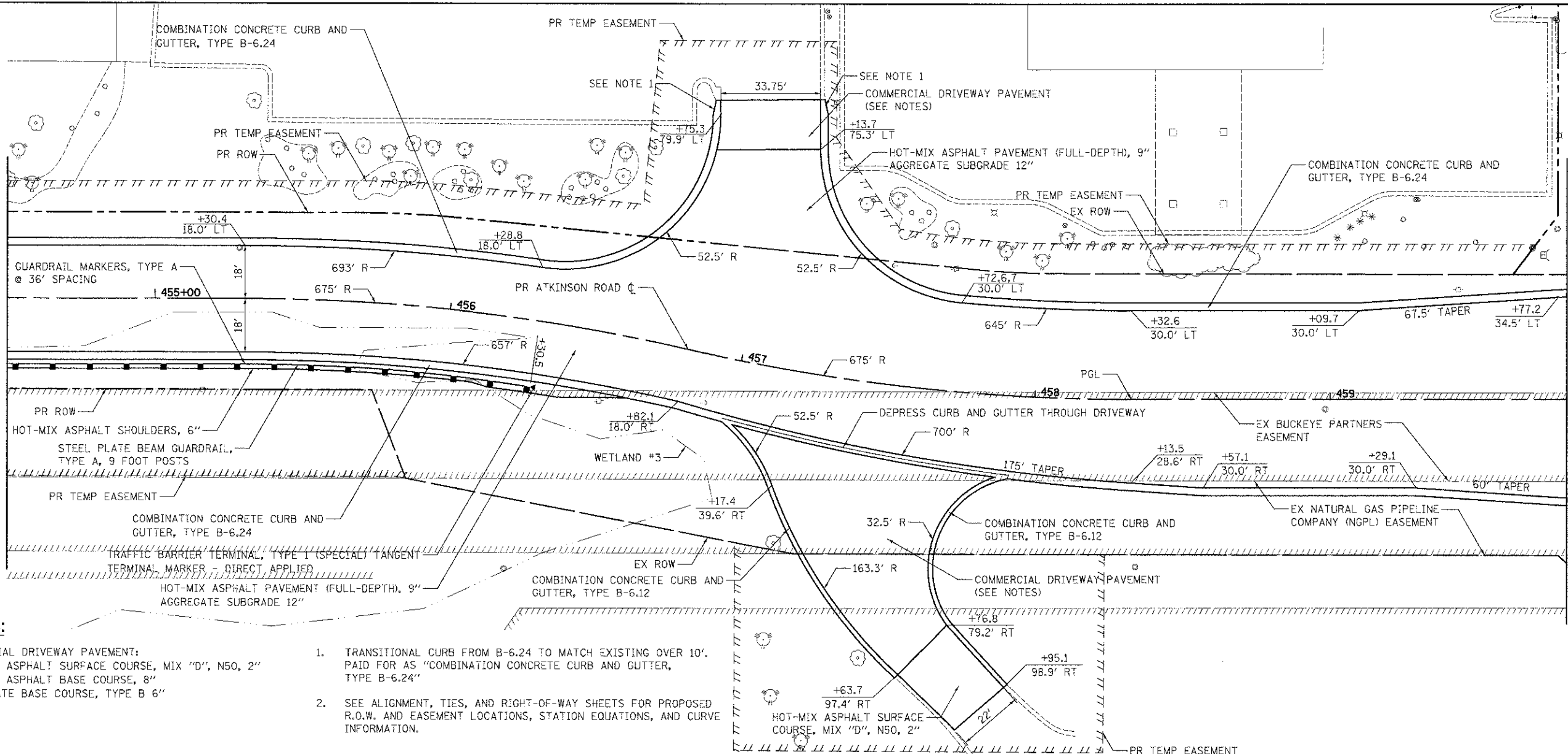
PLAN	DATE
REVISED	BY
NOTE 800K	ALTERNATE CHECKED
RT. OF WAY CHECKED	DATE
NO. ROAD FILE NAME	

PROFILE	DATE
REVISED	BY
NOTE 800K	GRADES CHECKED
NO. STRUCTURE INDICATING OPEN	



MATCH LINE STA. 454+50  
(SEE SHEET NO. 37)

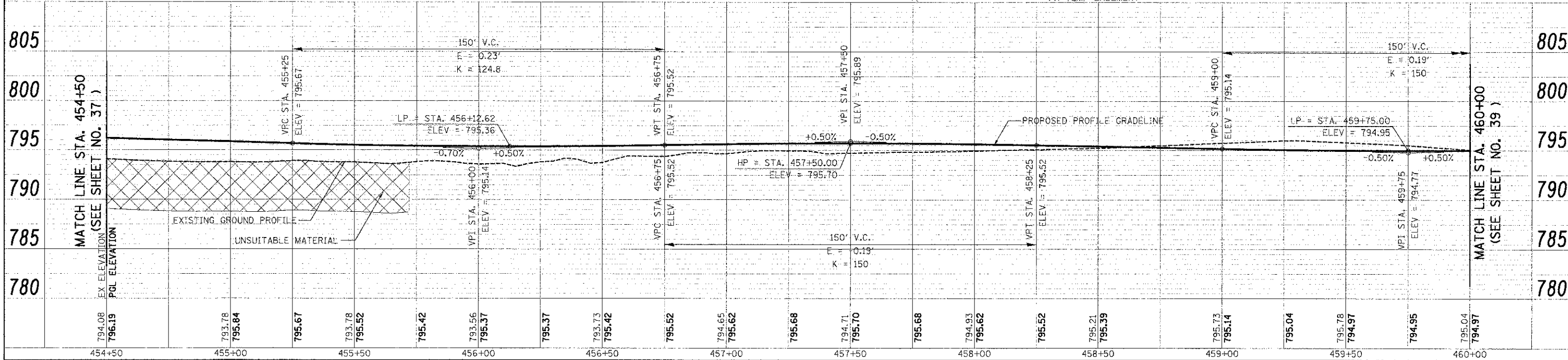
MATCH LINE STA. 459+80  
(SEE SHEET NO. 39)



**NOTES:**

- COMMERCIAL DRIVEWAY PAVEMENT:  
 -HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"  
 -HOT-MIX ASPHALT BASE COURSE, 8"  
 -AGGREGATE BASE COURSE, TYPE B 6"
- TRANSITIONAL CURB FROM B-6.24 TO MATCH EXISTING OVER 10'. PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24"
  - SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.

ATKINSON ROAD



USER NAME: eds	DESIGNED: JSM	REVISED: -
FILE NAME: ...2189-ent-plnpr705.dgn	DRAWN: JSM	REVISED: -
PLOT SCALE: 20.0000 / 1 in.	CHECKED: DNM	REVISED: -
PLOT DATE: 2/2/2012	DATE: 02/06/12	REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ATKINSON ROAD  
PLAN AND PROFILE

SCALE: 1" = 20' SHEET NO. 5 OF 13 SHEETS STA. 454+50 TO STA. 460+00

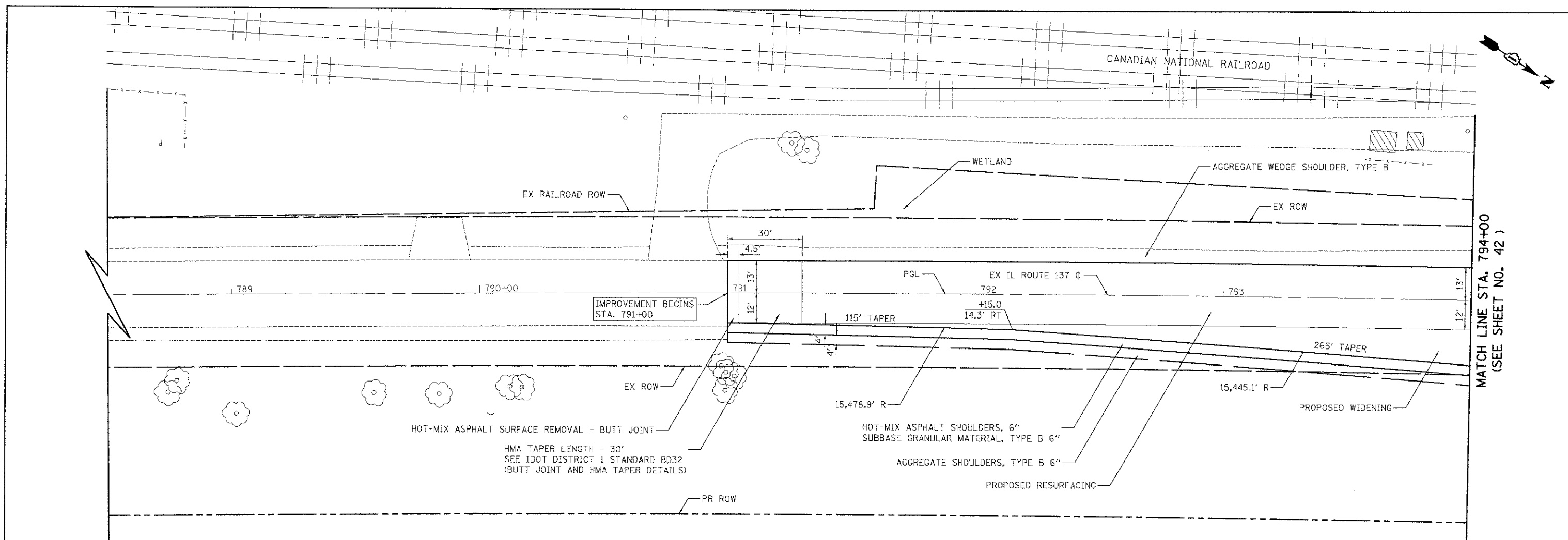
F.A.U. RT. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 38
CONTRACT NO. 63640				





PLAN SURVEYED BY DATE  
 NOT BOOK ALIGNMENT CHECKED  
 RT. OF WAY CHECKED  
 NO. CHD. SIZE NAME

PROJECT REVIEWED BY DATE  
 NO. = UOK GRADES CHECKED  
 NO. = UOK RT. OF WAY CHECKED  
 NO. = UOK CHD. SIZE NAME



MATCH LINE STA. 794+00  
 (SEE SHEET NO. 42)

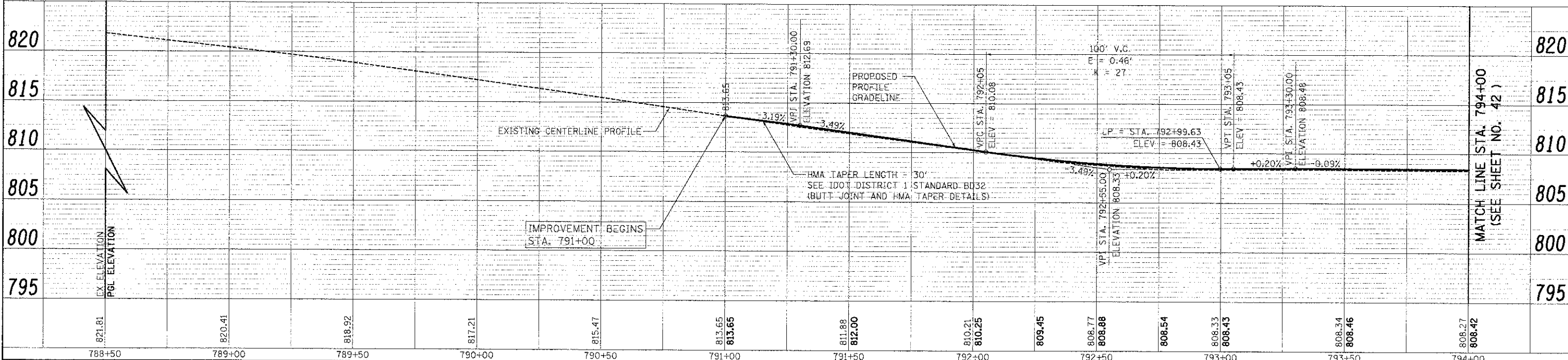
**NOTES:**

PROPOSED WIDENING:  
 -POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"  
 -HOT-MIX ASPHALT BASE COURSE, 8 1/2"  
 -AGGREGATE SUBGRADE 12"

PROPOSED RESURFACING:  
 -HOT-MIX ASPHALT SURFACE REMOVAL, 2"  
 -POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"  
 -LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.

IL ROUTE 137

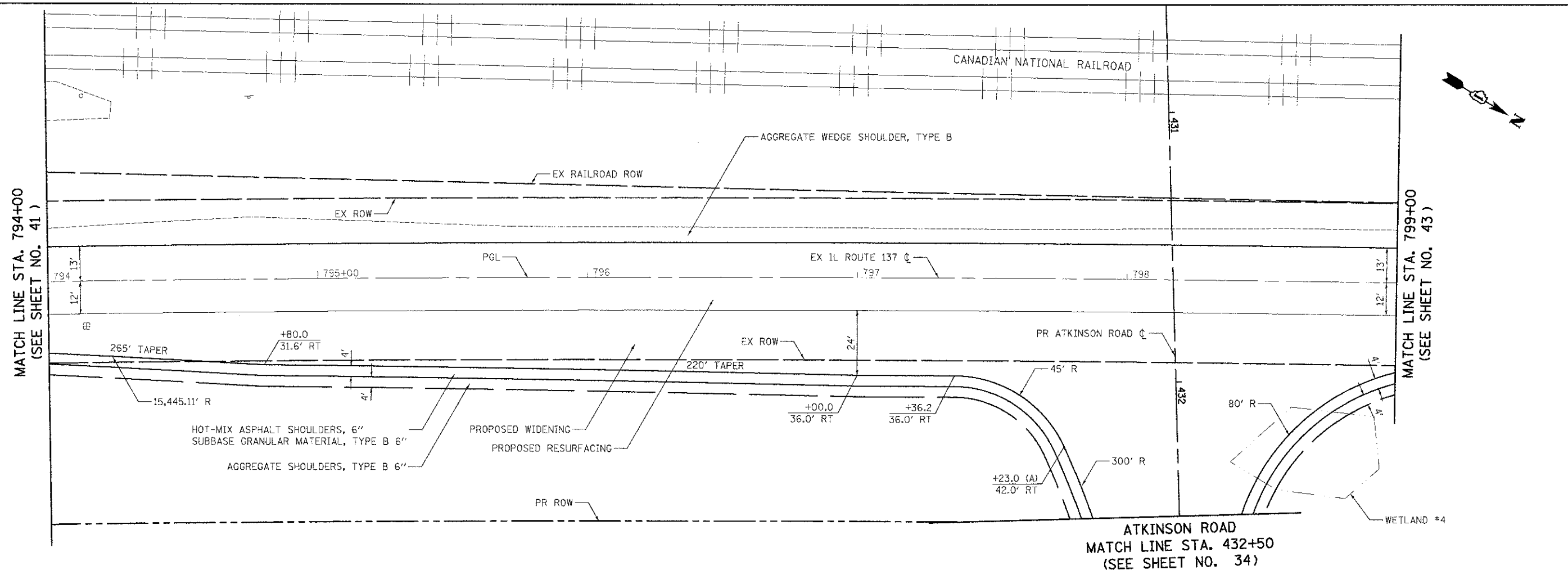


MATCH LINE STA. 794+00  
 (SEE SHEET NO. 42)

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	SCALE: 1" = 20'    SHEET NO. 1 OF 5 SHEETS    STA. 791+00 TO STA. 794+00				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

DATE	
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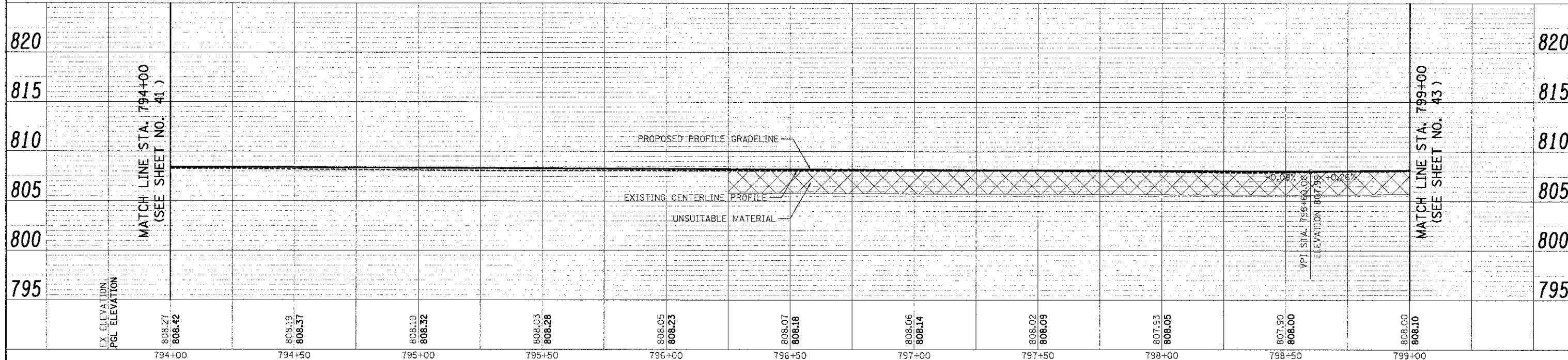
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**NOTES:**

- PROPOSED WIDENING:
  - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
  - HOT-MIX ASPHALT BASE COURSE, 8 1/2"
  - AGGREGATE SUBGRADE 12"
- PROPOSED RESURFACING:
  - HOT-MIX ASPHALT SURFACE REMOVAL, 2"
  - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
  - LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH
- 1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.
- 2. STATION/OFFSET CALL-OFFS NOTED WITH (A) ARE DEFINED BY THE PROPOSED ATKINSON ROAD BASELINE.

IL ROUTE 137



USER NAME: = eds  
 FILE NAME: ...2189-shtr\plan\109.dgn  
 PLOT SCALE: = 26.0000' / 1"  
 PLOT DATE: = 2/2/2012

DESIGNED - MJP  
 DRAWN - MJP  
 CHECKED - DNM  
 DATE - 02/06/12

REVISED -  
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 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 137  
 PLAN AND PROFILE

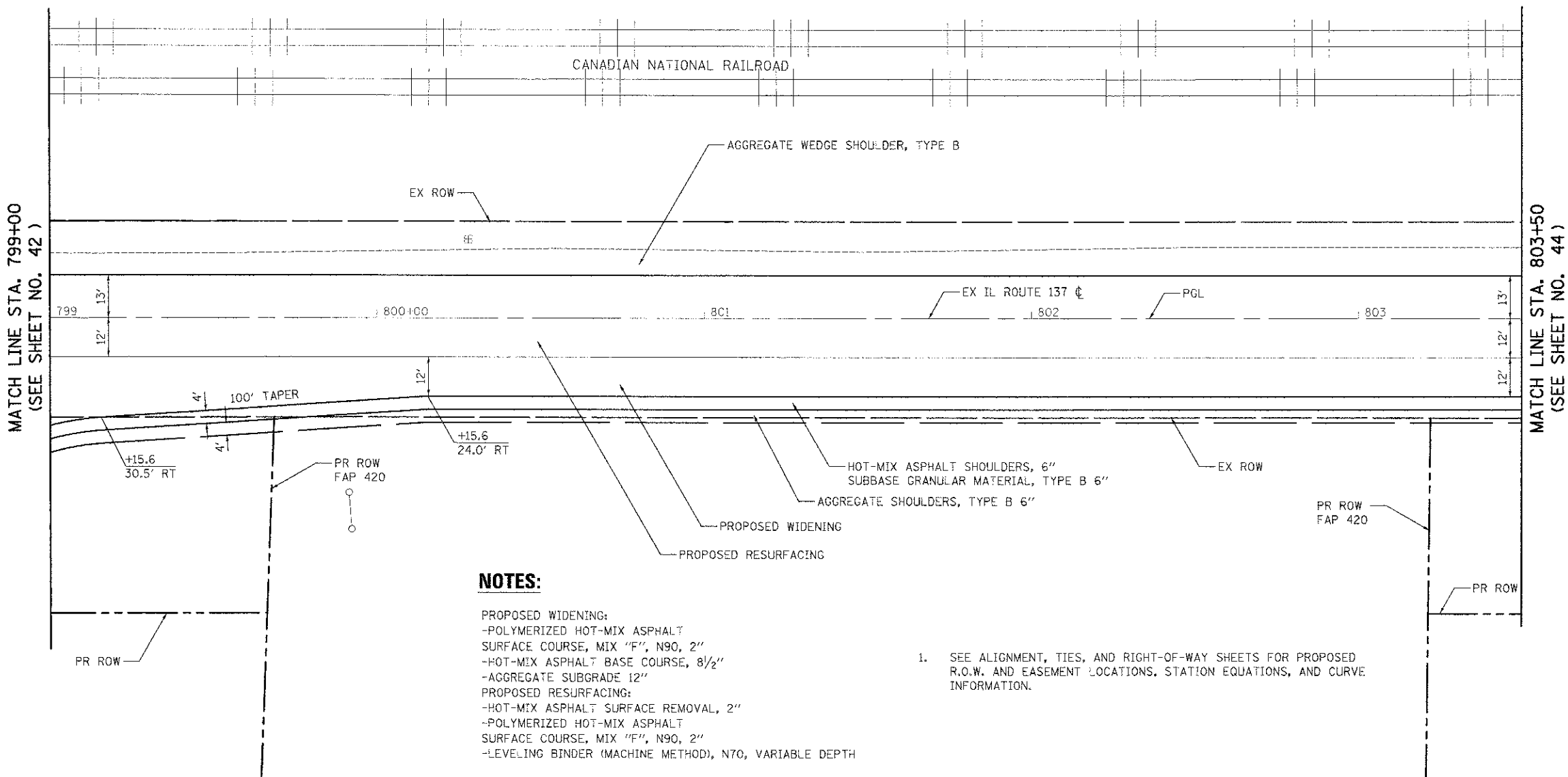
SCALE: 1" = 20' SHEET NO. 2 OF 5 SHEETS STA. 794+00 TO STA. 799+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	42
CONTRACT NO. 63640				



PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
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	CADD FILE NAME		

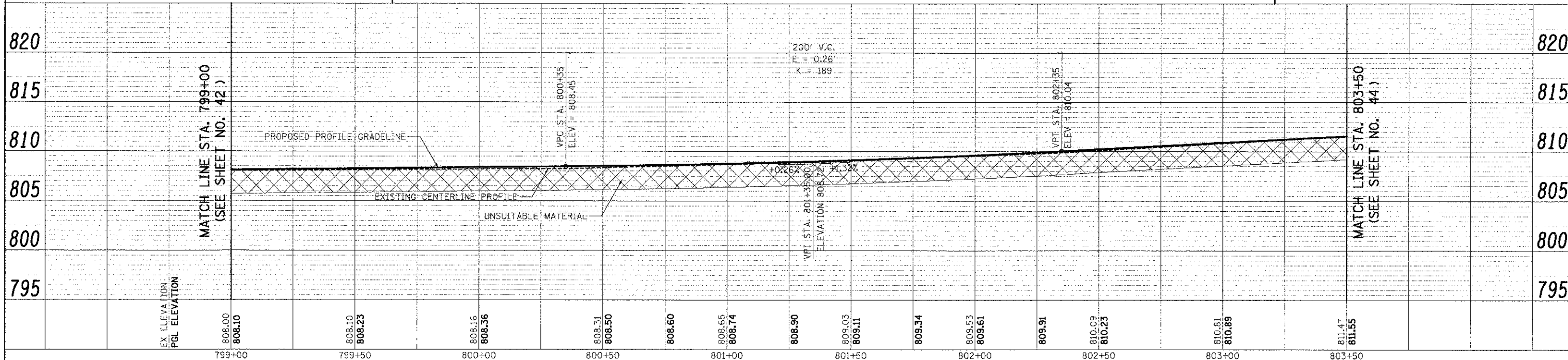
PROF.	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	BL. NOTED		
	STRUCTURE NOTATIONS CHECKED		



**NOTES:**

- PROPOSED WIDENING:  
 -POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"  
 -HOT-MIX ASPHALT BASE COURSE, 8 1/2"  
 -AGGREGATE SUBGRADE 12"  
 PROPOSED RESURFACING:  
 -HOT-MIX ASPHALT SURFACE REMOVAL, 2"  
 -POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"  
 -LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.



USER NAME	sa	DESIGNED	MJP	REVISED	-
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PLOT SCALE	20.0000 / 1 in.	CHECKED	DNM	REVISED	-
PLOT DATE	2/2/2012	DATE	02/06/12	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL ROUTE 137  
PLAN AND PROFILE

SCALE: 1" = 20' SHEET NO. 3 OF 5 SHEETS STA. 799+00 TO STA. 803+50

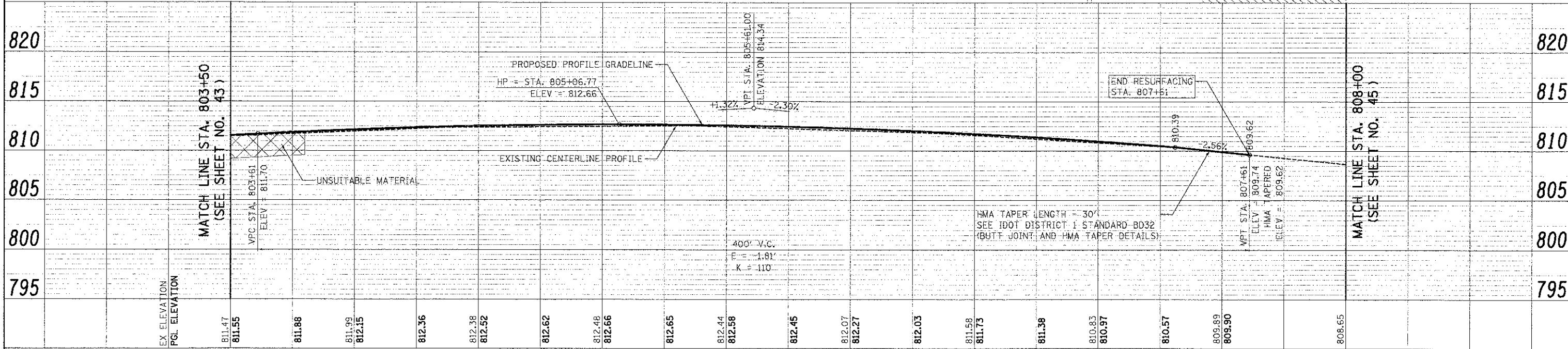
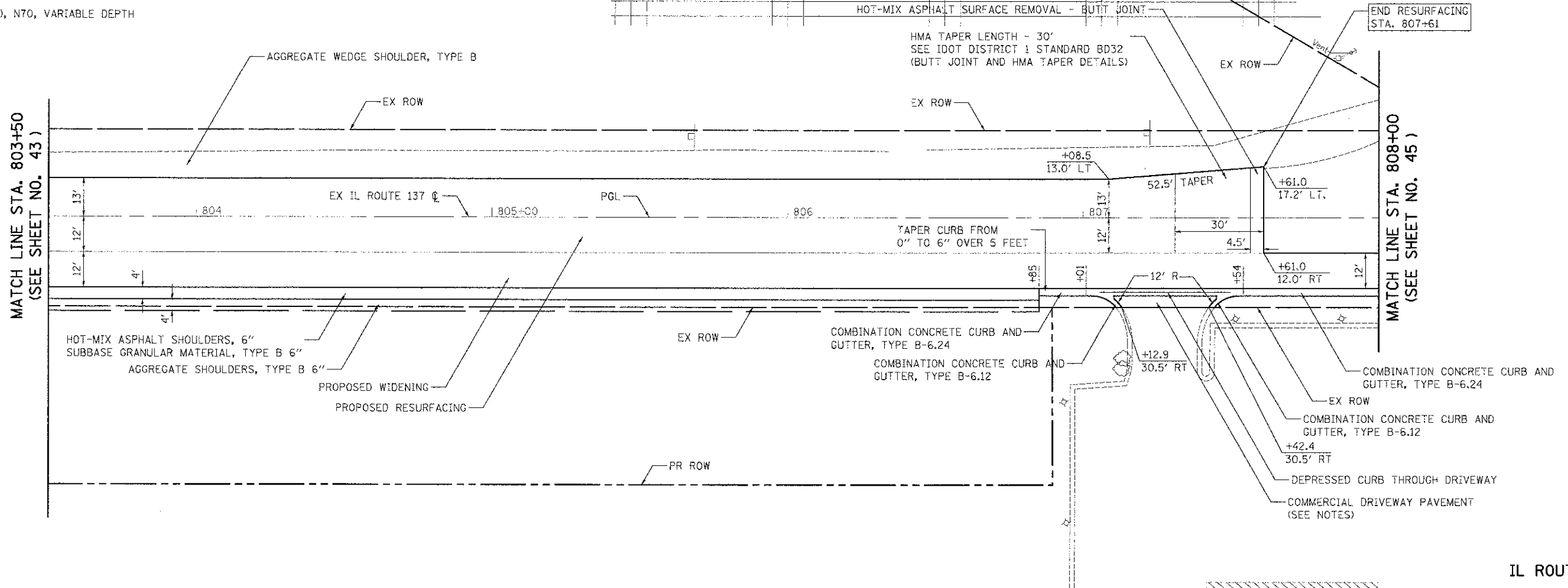
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	43
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**NOTES:**

PROPOSED WIDENING:  
 -POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"  
 -HOT-MIX ASPHALT BASE COURSE, 8"  
 -AGGREGATE SUBGRADE 12"  
 PROPOSED RESURFACING:  
 -HOT-MIX ASPHALT SURFACE REMOVAL, 2"  
 -POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"  
 -LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH

COMMERCIAL DRIVEWAY PAVEMENT:  
 -HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"  
 -HOT-MIX ASPHALT BASE COURSE, 8"  
 -AGGREGATE BASE COURSE, TYPE B 6"

1. SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.



PLAN	DATE
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CHECKED	
DESIGNED	
DRAWN	
IN CHARGE	
PROJECT NO.	
ROUTE NO.	
SECTION	
COUNTY	
TOWNSHIP	
RANGE	
CONTRACT NO.	

PROJ. F.	DATE
NO.	
BY	
CHECKED	
DESIGNED	
DRAWN	
IN CHARGE	
PROJECT NO.	
ROUTE NO.	
SECTION	
COUNTY	
TOWNSHIP	
RANGE	
CONTRACT NO.	



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DESIGNED - MJP  
 DRAWN - MJP  
 CHECKED - DNM  
 DATE - 02/06/12

REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

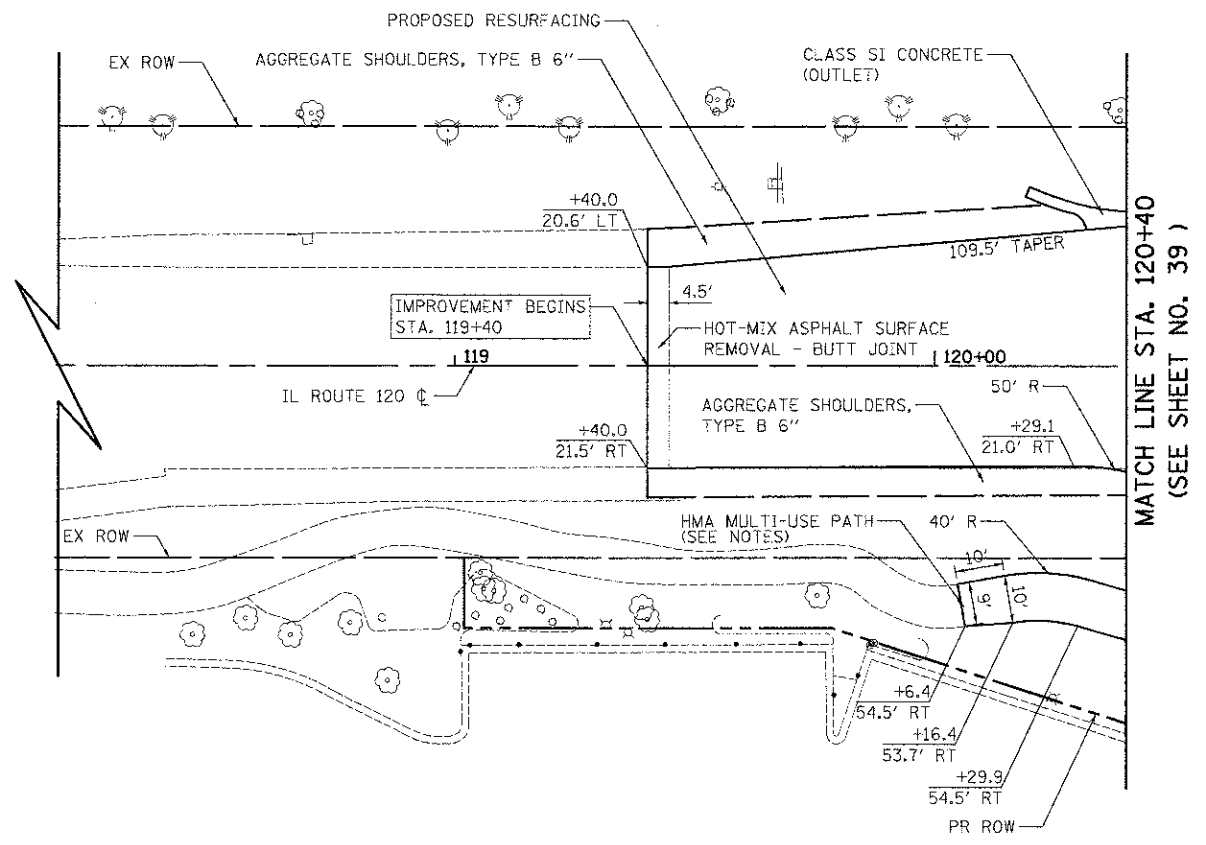
**IL ROUTE 137  
 PLAN AND PROFILE**

SCALE: 1" = 20' SHEET NO. 4 OF 5 SHEETS STA. 803+50 TO STA. 808+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
198	00-00045-00-PV	LAKE	195 44
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640



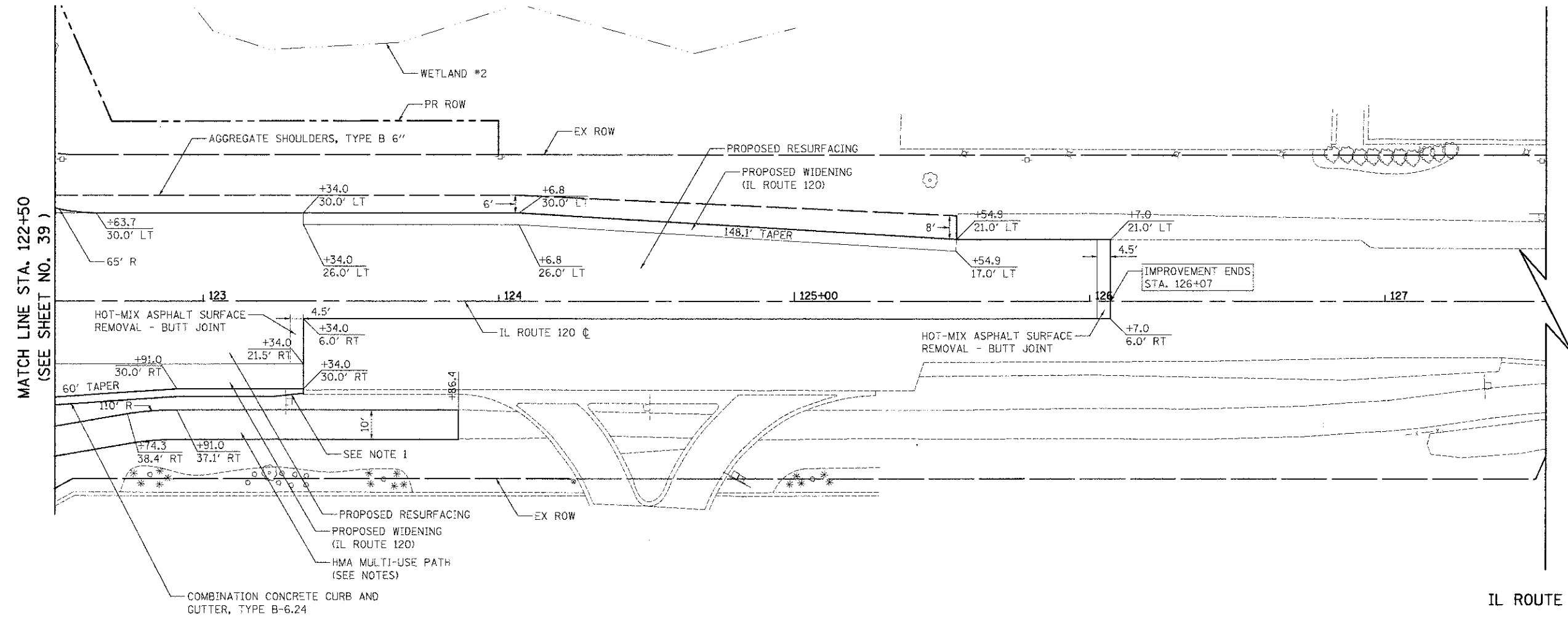




**NOTES:**

- PROPOSED WIDENING (IL ROUTE 120):  
 -HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"  
 -HOT-MIX ASPHALT BASE COURSE, 11"  
 -AGGREGATE SUBGRADE 12"
- PROPOSED RESURFACING:  
 -HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"  
 -HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"  
 -LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH
- HMA MULTI-USE PATH:  
 -HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"  
 -SUBBASE GRANULAR MATERIAL, TYPE B 6"

- TRANSITIONAL CURB FROM B-6.24 TO MATCH EXISTING OVER 10'. PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24"
- SEE ALIGNMENT, TIES, AND RIGHT-OF-WAY SHEETS FOR PROPOSED R.O.W. AND EASEMENT LOCATIONS, STATION EQUATIONS, AND CURVE INFORMATION.



IL ROUTE 120

	USER NAME = eds	DESIGNED = JSM	REVISED =	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL ROUTE 120</b> <b>PLAN</b>		F.A.U. RTE. = 198	SECTION = 00-00045-00-PV	COUNTY = LAKE	TOTAL SHEETS = 195	SHEET NO. = 46	
	FILE NAME = ...\2189_sht_p1npr-f13.dgn	DRAWN = JSM	REVISED =		SCALE: 1" = 20'	SHEET NO. 13 OF 13 SHEETS	STA. 199+40 TO STA. 123+34	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63640		
	PLOT SCALE = 20.0000% / 1" = 20'	CHECKED = DNM	REVISED =									
	PLOT DATE = 2/2/2012	DATE = 02/06/12	REVISED =									

**ATKINSON ROAD MAINTENANCE OF TRAFFIC  
SOUTH OF STA. 456+00**

**PRE-STAGE**

CONSTRUCTION SEQUENCE:

1. INSTALL CONSTRUCTION ENTRANCES.
2. INSTALL EROSION CONTROL.
3. PERFORM TREE REMOVAL PER REMOVAL PLAN.

MAINTENANCE OF TRAFFIC:

-ALL CONSTRUCTION ACTIVITIES ARE OFF ROAD

**STAGE 1**

CONSTRUCTION SEQUENCE:

1. STRIP TOPSOIL AND STOCKPILE FOR LATER USE.
2. CONSTRUCT DETENTION POND AND COMPENSATORY STORAGE.
3. PERFORM EARTHWORK UP TO ROUGH ROADBED GRADE.

-EARTHWORK BETWEEN STA. 451+00 AND STA. 456+00 SHALL BE COMPLETED IN TWO STAGES TO ALLOW FOR UTILITY RELOCATION. THE WEST HALF OF THE EXCAVATION SHALL BE COMPLETED FIRST. AFTER COMPLETION COM ED WILL RELOCATE POLES TO WEST ROW. ONCE RELOCATION IS COMPLETE THE EARTHWORK SHALL BE COMPLETED ON THE EAST SIDE.

4. INSTALL STORM SEWERS AND DRAINAGE STRUCTURES SOUTH OF STATION 456+00.
5. INSTALL AGGREGATE SUBGRADE, CURB AND CUTTER, HMA PAVEMENT, HMA SHOULDERS, AND AGGREGATE SHOULDERS AS SHOWN ON THE PLANS.
6. PLACE TOPSOIL AND LANDSCAPING AS SHOWN ON THE PLANS.
7. COMPLETE PAVEMENT MARKING AND SIGNING.

MAINTENANCE OF TRAFFIC:

-ALL CONSTRUCTION ACTIVITIES ARE OFF ROAD

**ATKINSON ROAD MAINTENANCE OF TRAFFIC  
NORTH OF STA. 456+00**

**PRE-STAGE**

CONSTRUCTION SEQUENCE:

1. INSTALL EROSION CONTROL.
2. PERFORM TREE REMOVAL PER REMOVAL PLAN.
3. RELOCATE TRAFFIC SIGNALS AS SHOWN IN SIGNAL PLANS.
4. INSTALL TEMPORARY PAVEMENT AND TEMPORARY ENTRANCE.
5. INSTALL STORM SEWER.

MAINTENANCE OF TRAFFIC:

-MAINTAIN EXISTING TRAFFIC, COMPLETE STORM SEWER USING DAILY LANE CLOSURES AND OFF ROAD CONSTRUCTION STANDARDS

**STAGE 1**

CONSTRUCTION SEQUENCE:

1. RELOCATE TRAFFIC AS SHOWN FOR STAGE 1.
2. REMOVE PAVEMENT, C&G, BITUMINOUS PATH, ETC. FOR WORK ZONE SHOWN ON PLANS.
3. CONSTRUCT STONE BASE, C&G, BINDER COURSE, DRIVEWAYS, AND BITUMINOUS PATH FOR WORK ZONE SHOWN ON PLANS.

MAINTENANCE OF TRAFFIC:

-MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION ON BOTH ATKINSON ROAD AND IL ROUTE 120 AS SHOWN ON THE PLANS  
-ACCESS TO ALL BUSINESSES MUST BE MAINTAINED AT ALL TIMES.

**STAGE 2**

CONSTRUCTION SEQUENCE:

1. RELOCATE TRAFFIC AS SHOWN FOR STAGE 2.
2. REMOVE PAVEMENT, C&G, BITUMINOUS PATH, ETC. FOR WORK ZONE SHOWN ON PLANS.
3. CONSTRUCT STONE BASE, C&G, BINDER COURSE, DRIVEWAYS, AND BITUMINOUS PATH FOR WORK ZONE SHOWN ON PLANS.

MAINTENANCE OF TRAFFIC:

-MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION ON BOTH ATKINSON ROAD AND IL ROUTE 120 AS SHOWN ON THE PLANS  
-ACCESS TO ALL BUSINESSES MUST BE MAINTAINED AT ALL TIMES.

**STAGE 3**

CONSTRUCTION SEQUENCE:

1. RELOCATE TRAFFIC AS SHOWN FOR STAGE 3.
2. REMOVE PAVEMENT, C&G, BITUMINOUS PATH, ETC. FOR WORK ZONE SHOWN ON PLANS.
3. CONSTRUCT STONE BASE, C&G, BINDER COURSE, DRIVEWAYS, AND BITUMINOUS PATH FOR WORK ZONE SHOWN ON PLANS.
4. PERFORM LANDSCAPING AND RESTORATION OPERATIONS.
5. MILL IL 120 / ATKINSON RD INTERSECTION AND ATKINSON ROAD NORTH OF IL-120.
6. PLACE SURFACE COURSE FOR ENTIRE JOB.

MAINTENANCE OF TRAFFIC:

-MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION ON BOTH ATKINSON ROAD AND IL ROUTE 120 AS SHOWN ON THE PLANS  
-ACCESS TO ALL BUSINESSES MUST BE MAINTAINED AT ALL TIMES.  
-COMPLETE MILLING AND PLACEMENT OF HMA SURFACE COURSE UNDER DAILY LANE CLOSURES AND WITH FLAGGERS

**IL ROUTE 137 MAINTENANCE OF TRAFFIC**

**STAGE 1**

CONSTRUCTION SEQUENCE:

1. INSTALL EROSION CONTROL.
2. MAINTAIN TWO-WAY TRAFFIC USING IDOT STANDARDS 701306-03 & 701326-04.
3. CONSTRUCT WIDENING ON NORTH SIDE OF ROAD UP TO BINDER COURSE.
4. PERFORM LANDSCAPING AND RESTORATION OPERATIONS.
5. MILL REMAINING IL ROUTE 137 FOR LIMITS SHOWN.
6. PLACE SURFACE COURSE FOR LIMITS SHOWN.

MAINTENANCE OF TRAFFIC:

-MAINTAIN ONE LANE OF TRAFFIC IN BOTH DIRECTIONS AT ALL TIMES. USE OF FLAGGERS WILL BE REQUIRED FOR GETTING EQUIPMENT IN AND OUT  
-ACCESS TO ALL BUSINESSES MUST BE MAINTAINED AT ALL TIMES  
-COMPLETE MILLING AND PLACEMENT OF HMA SURFACE COURSE UNDER DAILY LANE CLOSURES AND WITH FLAGGERS



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PLOT SCALE = 1.0000 / 1  
PLOT DATE = 2/2/2012

DESIGNED - JSM  
DRAWN - JSM  
CHECKED - DNM  
DATE - 02/06/12

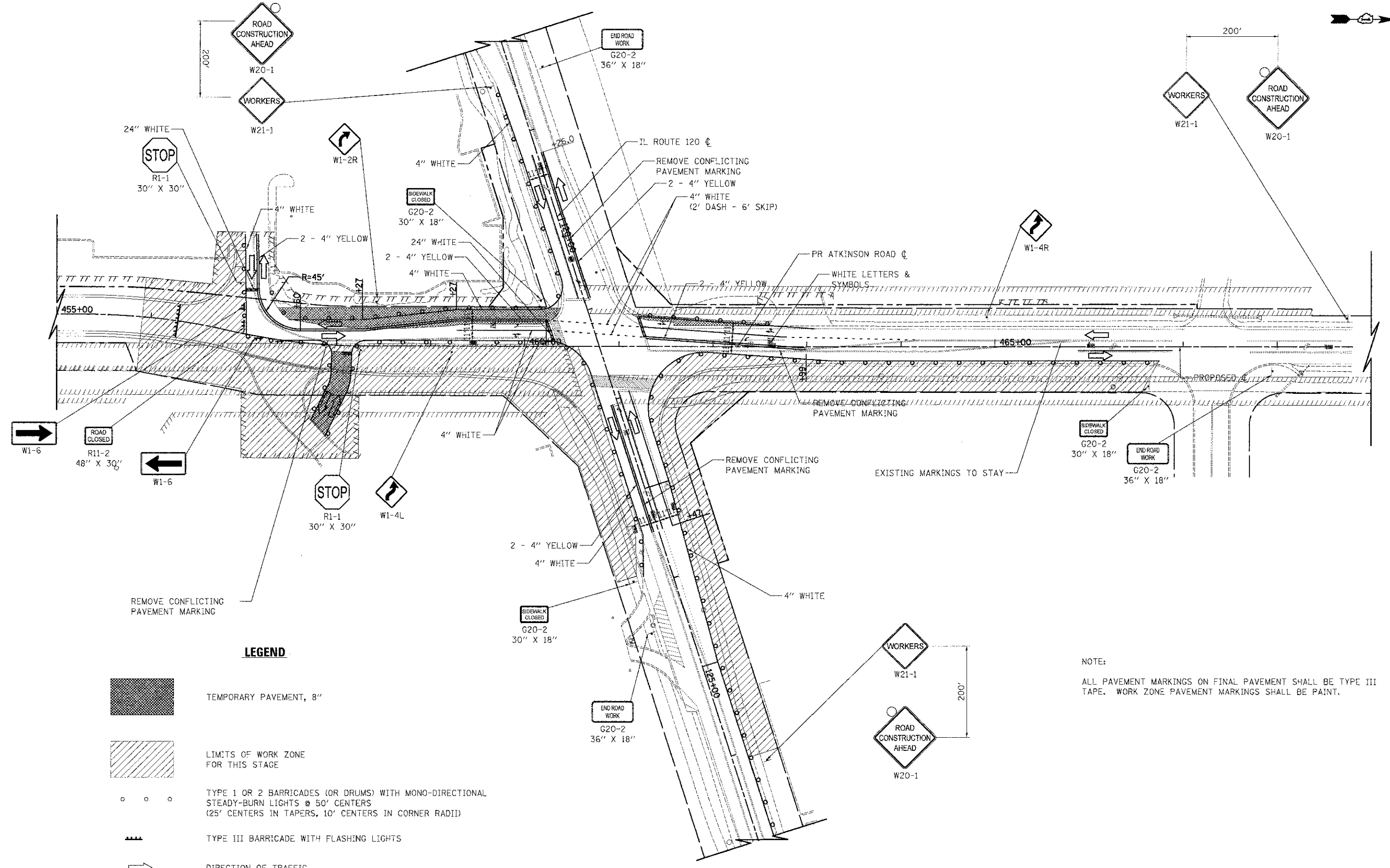
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - GENERAL NOTES**

SCALE: N.T.S. SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	47
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640	



**LEGEND**

- TEMPORARY PAVEMENT, 8"
- LIMITS OF WORK ZONE FOR THIS STAGE
- TYPE 1 OR 2 BARRICADES (OR DRUMS) WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CENTERS (25' CENTERS IN TAPERS, 10' CENTERS IN CORNER RADI)
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC

NOTE:  
ALL PAVEMENT MARKINGS ON FINAL PAVEMENT SHALL BE TYPE III TAPE. WORK ZONE PAVEMENT MARKINGS SHALL BE PAINT.



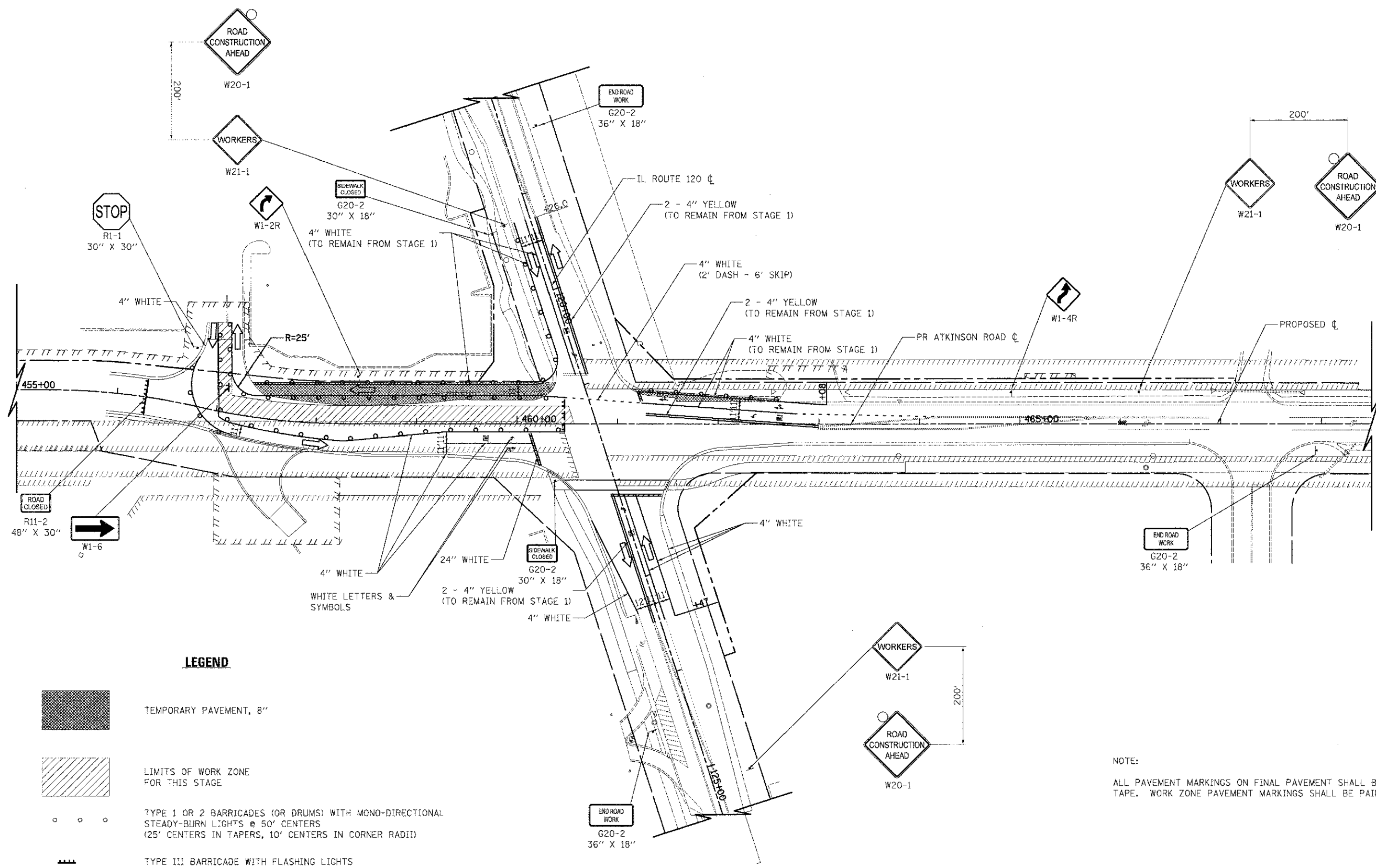
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PLOT DATE : 2/2/2012	DATE - 02/06/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


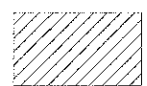


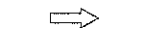
**MAINTENANCE OF TRAFFIC - ATKINSON ROAD  
STAGE 1**

SCALE: 1" = 50' SHEET NO. 2 OF 4 SHEETS STA. 456+00 TO STA. 466+69

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 48
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**LEGEND**

-  TEMPORARY PAVEMENT, 8"
-  LIMITS OF WORK ZONE FOR THIS STAGE
-  TYPE 1 OR 2 BARRICADES (OR DRUMS) WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CENTERS (25' CENTERS IN TAPERS, 10' CENTERS IN CORNER RADI)
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  DIRECTION OF TRAFFIC

NOTE:  
ALL PAVEMENT MARKINGS ON FINAL PAVEMENT SHALL BE TYPE III TAPE. WORK ZONE PAVEMENT MARKINGS SHALL BE PAINT.



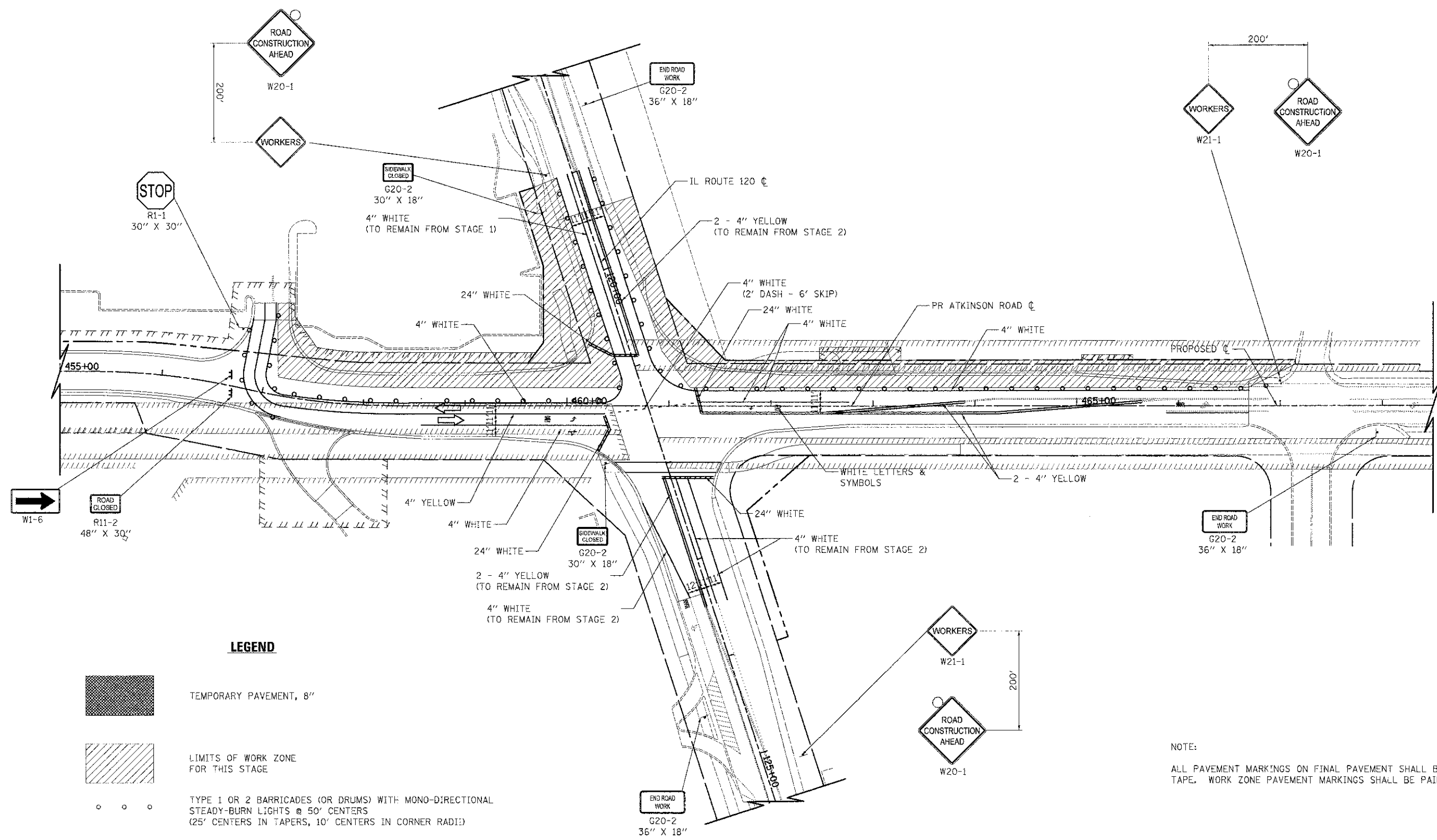
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PLOT DATE: 2/2/2012	DATE - 02/06/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - ATKINSON ROAD  
STAGE 2**

SCALE: 1" = 50' SHEET NO. 3 OF 4 SHEETS STA. 456+00 TO STA. 466+69

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEET NO. 49
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 63640



**LEGEND**

- TEMPORARY PAVEMENT, 8"
- LIMITS OF WORK ZONE FOR THIS STAGE
- TYPE 1 OR 2 BARRICADES (OR DRUMS) WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CENTERS (25' CENTERS IN TAPERS, 10' CENTERS IN CORNER RADI)
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC

NOTE:  
ALL PAVEMENT MARKINGS ON FINAL PAVEMENT SHALL BE TYPE III TAPE. WORK ZONE PAVEMENT MARKINGS SHALL BE PAINT.

	USER NAME = erd	DESIGNED = JSM	REVISED =	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC – ATKINSON ROAD</b> <b>STAGE 3</b>	F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 50
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PLOT SCALE = 50.0000' / 1 in.	CHECKED = DNM	REVISED =	DATE = 02/06/12	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						


**EROSION AND SEDIMENT CONTROL NOTES**

- A. 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.
- B. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- C. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE, OR REDISTURBANCE.
- D. AREAS OR ENBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 3H:1V, AND APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE STABILIZED WITH SOD, MAT OR BLANKET IN COMBINATION WITH SEEDING.
- E. EROSION CONTROL BLANKET SHALL BE REQUIRED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN NORMAL WATER LEVEL AND HIGH WATER LEVEL.
- F. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- G. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- H. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- I. A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE 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 REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- J. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF LAKE COUNTY.
- K. 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 MEASURE).
- L. 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.

**TYPICAL CONSTRUCTION SEQUENCING**





- 1. INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL SE/SC MEASURES
  - A. SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION
  - B. SILT FENCE INSTALLATION
  - C. CONSTRUCTION FENCING AROUND AREAS NOT TO BE DISTURBED
  - D. STABILIZED CONSTRUCTION ENTRANCE
- 2. TREE REMOVAL WHERE NECESSARY (CLEAR & GRUB)
- 3. CONSTRUCT SEDIMENT TRAPPING DEVICES (SEDIMENT TRAPS, BASINS...)
- 4. CONSTRUCT DETENTION FACILITIES AND OUTLET CONTROL STRUCTURES WITH RESTRICTOR & TEMPORARY PERFORATED RISER
- 5. STRIP TOPSOIL, STOCKPILE TOPSOIL AND GRADE SITE
- 6. TEMPORARILY STABILIZE TOPSOIL STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE)
- 7. INSTALL STORM SEWER, SANITARY SEWER, WATER AND ASSOCIATED INLET & OUTLET PROTECTION
- 8. PERMANENTLY STABILIZE DETENTION BASINS WITH SEED AND EROSION CONTROL BLANKET
- 9. TEMPORARILY STABILIZE ALL AREAS INCLUDING LOTS THAT HAVE REACHED TEMPORARY GRADE
- 10. INSTALL ROADWAYS
- 11. PERMANENTLY STABILIZE ALL OUTLET AREAS
- 12. INSTALL STRUCTURES AND GRADE INDIVIDUAL LOTS
- 13. PERMANENTLY STABILIZE LOTS
- 14. REMOVE ALL TEMPORARY SE/SC MEASURES, AFTER THE SITE IS STABILIZED WITH VEGETATION
- \* SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR EVERY TWO WEEKS AND AFTER EVERY 1/2 OR GREATER RAINFALL EVENT







ATKINSON ROAD

	USER NAME = eds	DESIGNED - MJP	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ATKINSON ROAD EROSION AND SEDIMENT CONTROL NOTES</b>	F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 51
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	PLT DATE = 2/2/2012	DATE - 02/06/12	REVISED -							



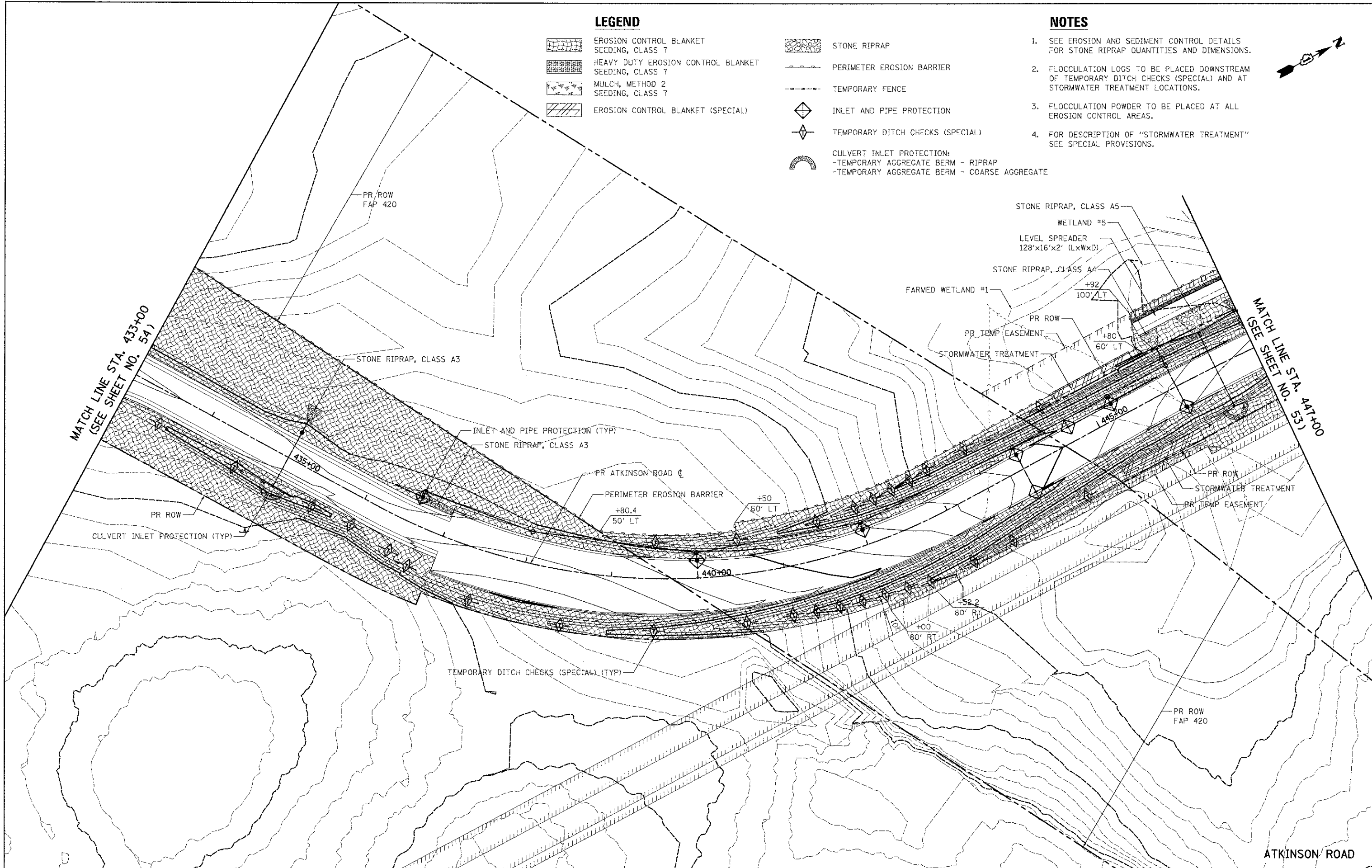
**LEGEND**

-  EROSION CONTROL BLANKET SEEDING, CLASS 7
-  HEAVY DUTY EROSION CONTROL BLANKET SEEDING, CLASS 7
-  MULCH, METHOD 2 SEEDING, CLASS 7
-  EROSION CONTROL BLANKET (SPECIAL)

-  STONE RIPRAP
-  PERIMETER EROSION BARRIER
-  TEMPORARY FENCE
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECKS (SPECIAL)
-  CULVERT INLET PROTECTION:  
-TEMPORARY AGGREGATE BERM - RIPRAP  
-TEMPORARY AGGREGATE BERM - COARSE AGGREGATE

**NOTES**

1. SEE EROSION AND SEDIMENT CONTROL DETAILS FOR STONE RIPRAP QUANTITIES AND DIMENSIONS.
2. FLOCCULATION LOGS TO BE PLACED DOWNSTREAM OF TEMPORARY DITCH CHECKS (SPECIAL) AND AT STORMWATER TREATMENT LOCATIONS.
3. FLOCCULATION POWDER TO BE PLACED AT ALL EROSION CONTROL AREAS.
4. FOR DESCRIPTION OF "STORMWATER TREATMENT" SEE SPECIAL PROVISIONS.



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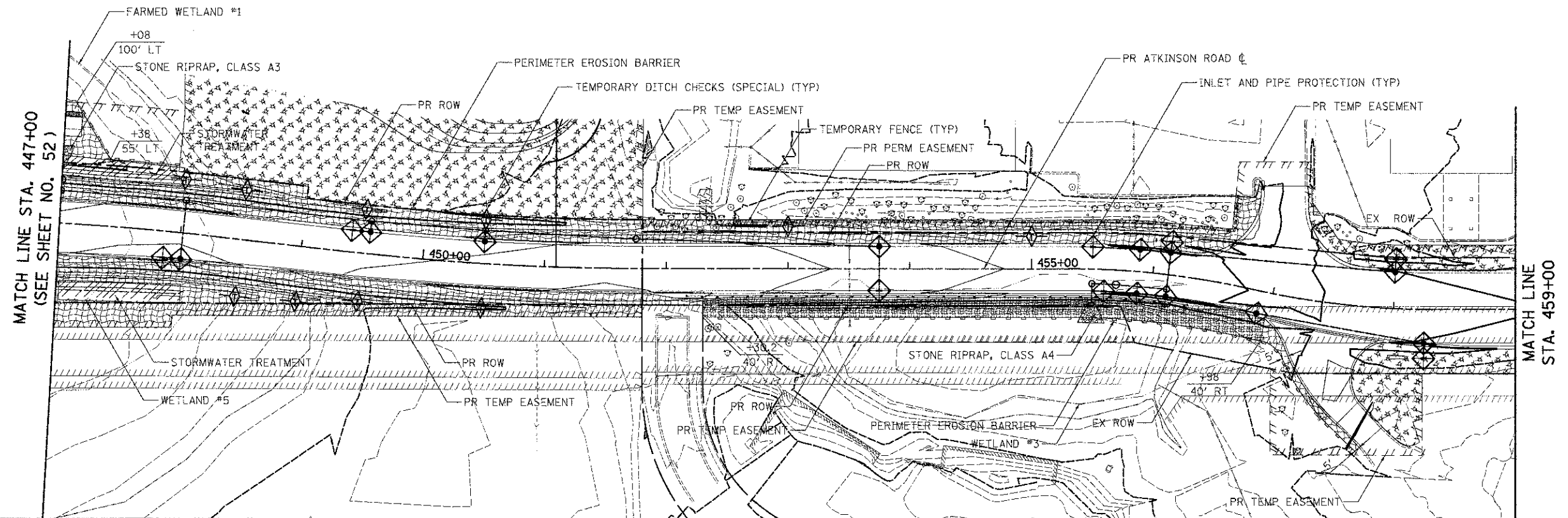
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ATKINSON ROAD  
EROSION AND SEDIMENT CONTROL**

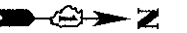
SCALE: 1" = 50'    SHEET NO. 1 OF 5 SHEETS    STA. 433+00 TO STA. 447+00

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 52
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





ATKINSON ROAD

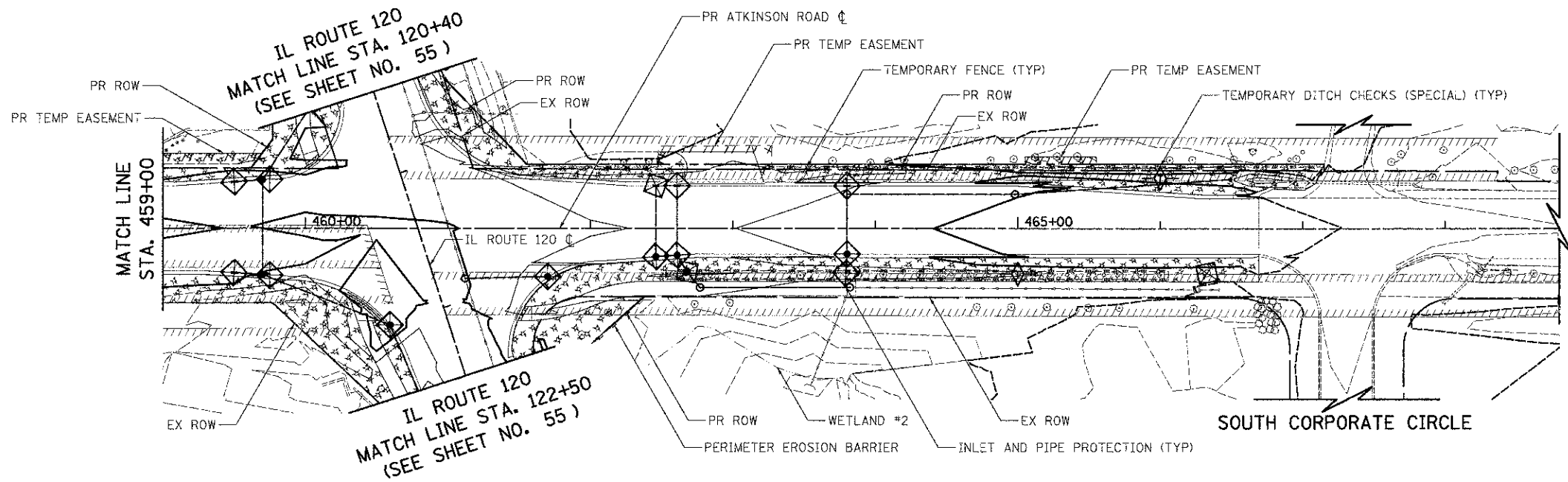


**LEGEND**

- EROSION CONTROL BLANKET SEEDING, CLASS 7
- HEAVY DUTY EROSION CONTROL BLANKET SEEDING, CLASS 7
- MULCH, METHOD 2 SEEDING, CLASS 7
- EROSION CONTROL BLANKET (SPECIAL)
- STONE RIPRAP
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS (SPECIAL)
- CULVERT INLET PROTECTION:  
- TEMPORARY AGGREGATE BERM - RIPRAP  
- TEMPORARY AGGREGATE BERM - COARSE AGGREGATE

**NOTES**

1. SEE EROSION AND SEDIMENT CONTROL DETAILS FOR STONE RIPRAP QUANTITIES AND DIMENSIONS.
2. FLOCCULATION LOGS TO BE PLACED DOWNSTREAM OF TEMPORARY DITCH CHECKS (SPECIAL) AND AT STORMWATER TREATMENT LOCATIONS.
3. FLOCCULATION POWDER TO BE PLACED AT ALL EROSION CONTROL AREAS.
4. FOR DESCRIPTION OF "STORMWATER TREATMENT" SEE SPECIAL PROVISIONS.



SOUTH CORPORATE CIRCLE

ATKINSON ROAD



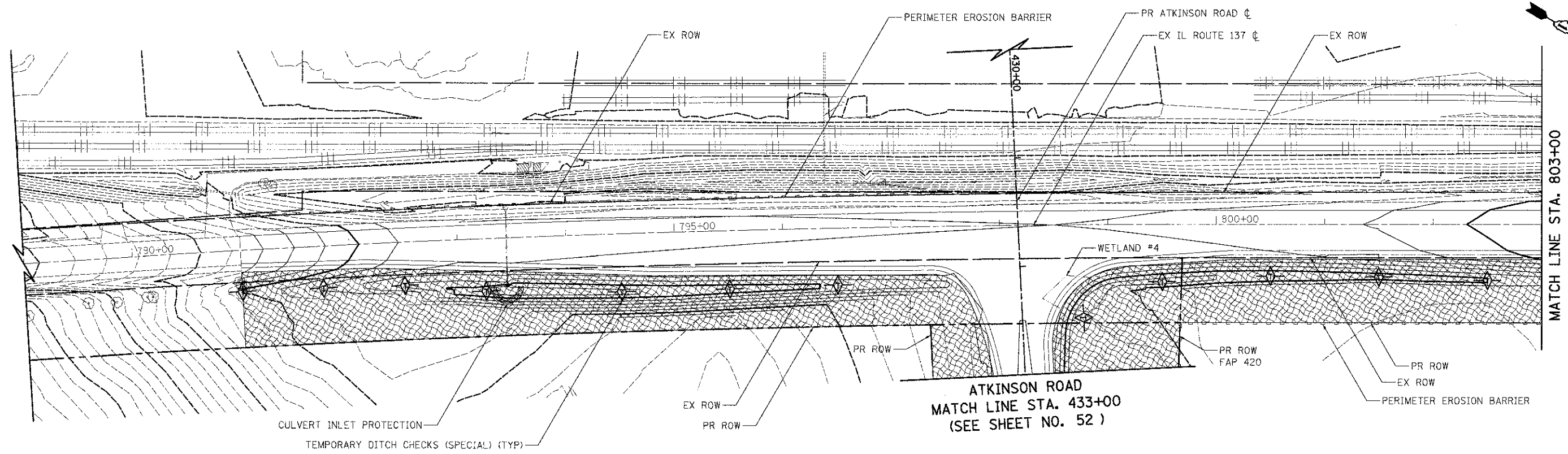
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

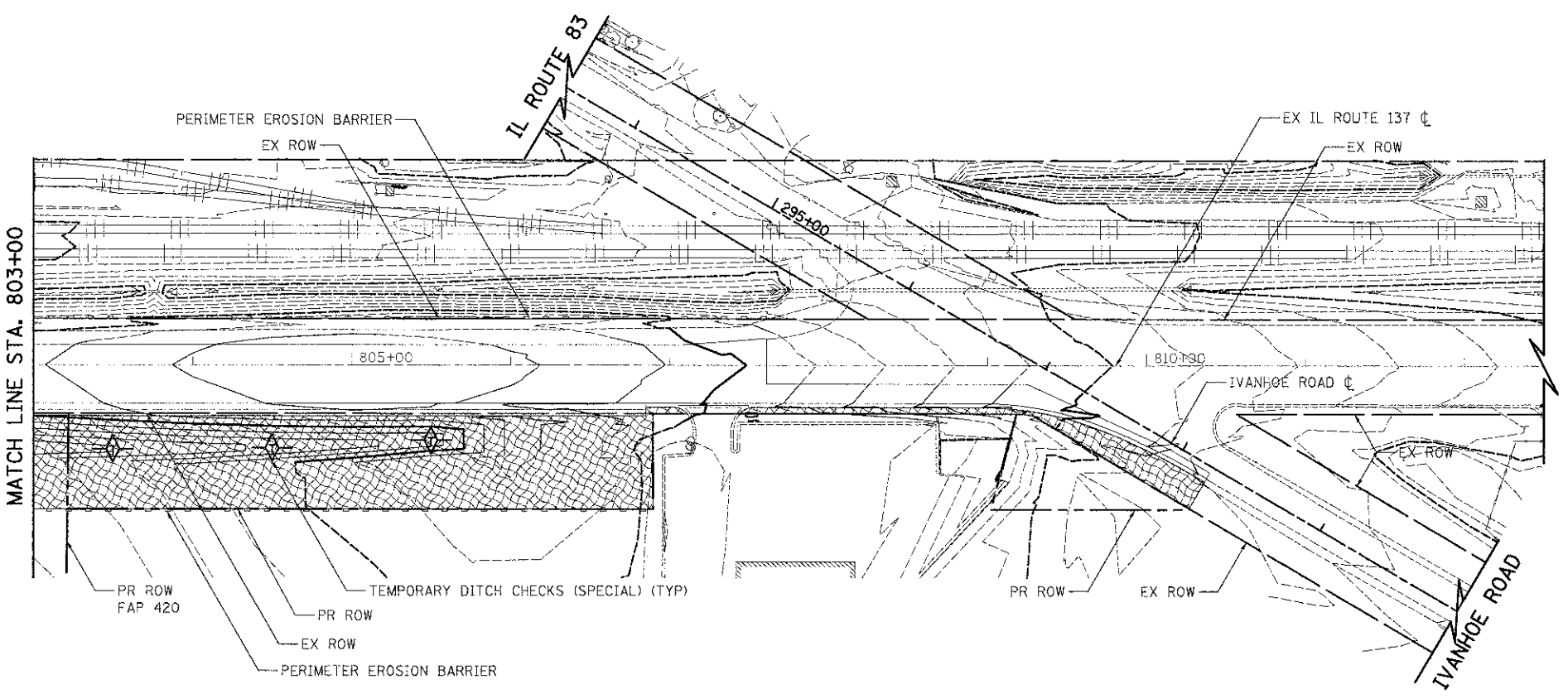
ATKINSON ROAD  
EROSION AND SEDIMENT CONTROL

SCALE: 1" = 50' SHEET NO. 2 OF 5 SHEETS STA. 447+00 TO STA. 466+69











F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEET NO. 195	SHEET NO. 53
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



IL ROUTE 137



**LEGEND**

-  EROSION CONTROL BLANKET SEEDING, CLASS 7
-  HEAVY DUTY EROSION CONTROL BLANKET SEEDING, CLASS 7
-  MULCH, METHOD 2 SEEDING, CLASS 7
-  EROSION CONTROL BLANKET (SPECIAL)
-  STONE RIPRAP
-  PERIMETER EROSION BARRIER
-  TEMPORARY FENCE
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECKS (SPECIAL)
-  CULVERT INLET PROTECTION:  
 -TEMPORARY AGGREGATE BERM - RIPRAP  
 -TEMPORARY AGGREGATE BERM - COARSE AGGREGATE

**NOTES**

1. FLOCCULATION LOGS TO BE PLACED DOWNSTREAM OF TEMPORARY DITCH CHECKS (SPECIAL) AND AT STORMWATER TREATMENT LOCATIONS.
2. FLOCCULATION POWDER TO BE PLACED AT ALL EROSION CONTROL AREAS.

IL ROUTE 137



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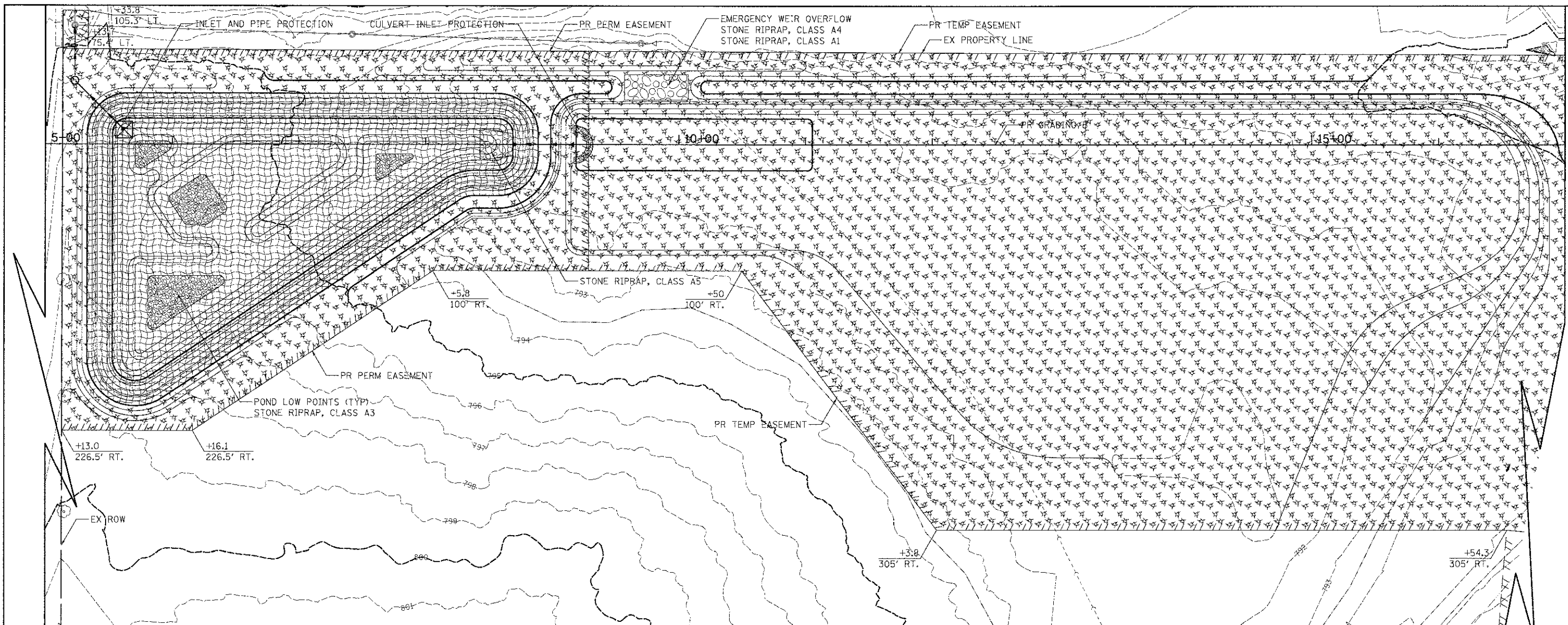
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 137  
EROSION AND SEDIMENT CONTROL**

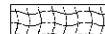
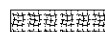
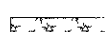
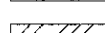
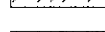
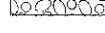

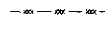

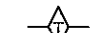
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F.A.U. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	54
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





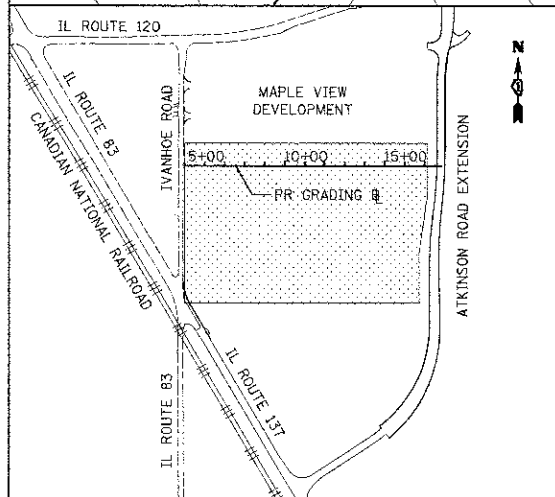
**LEGEND**

-  EROSION CONTROL BLANKET SEEDING, CLASS 7
-  HEAVY DUTY EROSION CONTROL BLANKET SEEDING, CLASS 7
-  MULCH, METHOD 2 SEEDING, CLASS 7
-  EROSION CONTROL BLANKET (SPECIAL)
-  STONE RIPRAP
-  PERIMETER EROSION BARRIER
-  TEMPORARY FENCE
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECKS (SPECIAL)
-  CULVERT INLET PROTECTION:  
-TEMPORARY AGGREGATE BERM - RIPRAP  
-TEMPORARY AGGREGATE BERM - COARSE AGGREGATE

**NOTES**

1. SEE EROSION AND SEDIMENT CONTROL DETAILS FOR STONE RIPRAP QUANTITIES AND DIMENSIONS.
2. FLOCCULATION POWDER TO BE PLACED AT ALL EROSION CONTROL AREAS.
3. SEE STORM WATER MANAGEMENT PLAN FOR WEIR CROSS SECTION ON SHEET 75.

**KEY MAP**



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 FILE NAME = \\2187-sh-toros05.dgn  
 PLOT SCALE = 48.0000' / 1" =  
 PLOT DATE = 2/2/2012

DESIGNED - MJP  
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 DATE - 02/06/12

REVISED -  
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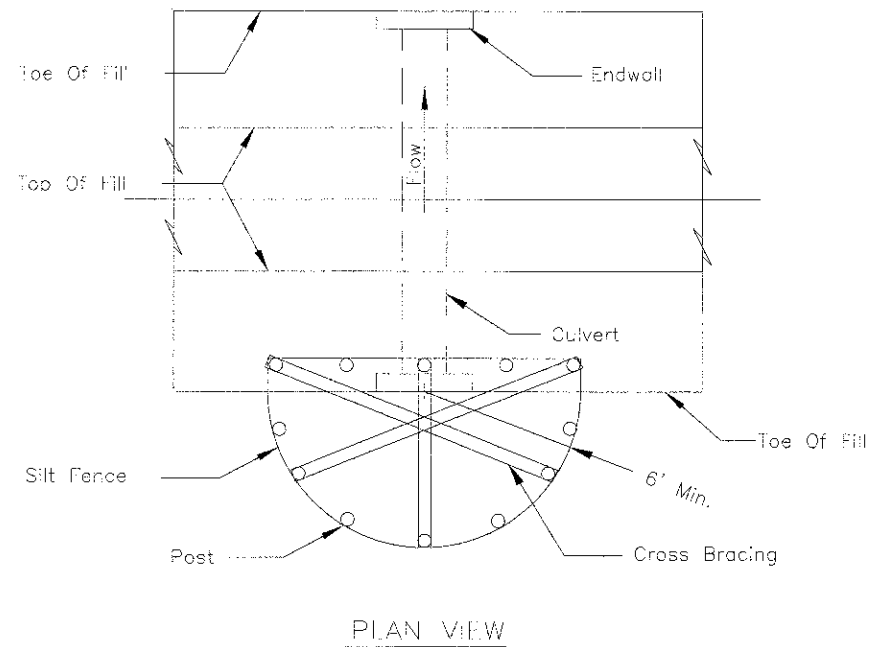
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ATKINSON ROAD**  
**EROSION AND SEDIMENT CONTROL**

SCALE: 1" = 40' SHEET NO. 5 OF 5 SHEETS STA. 5+00 TO STA. 17+00

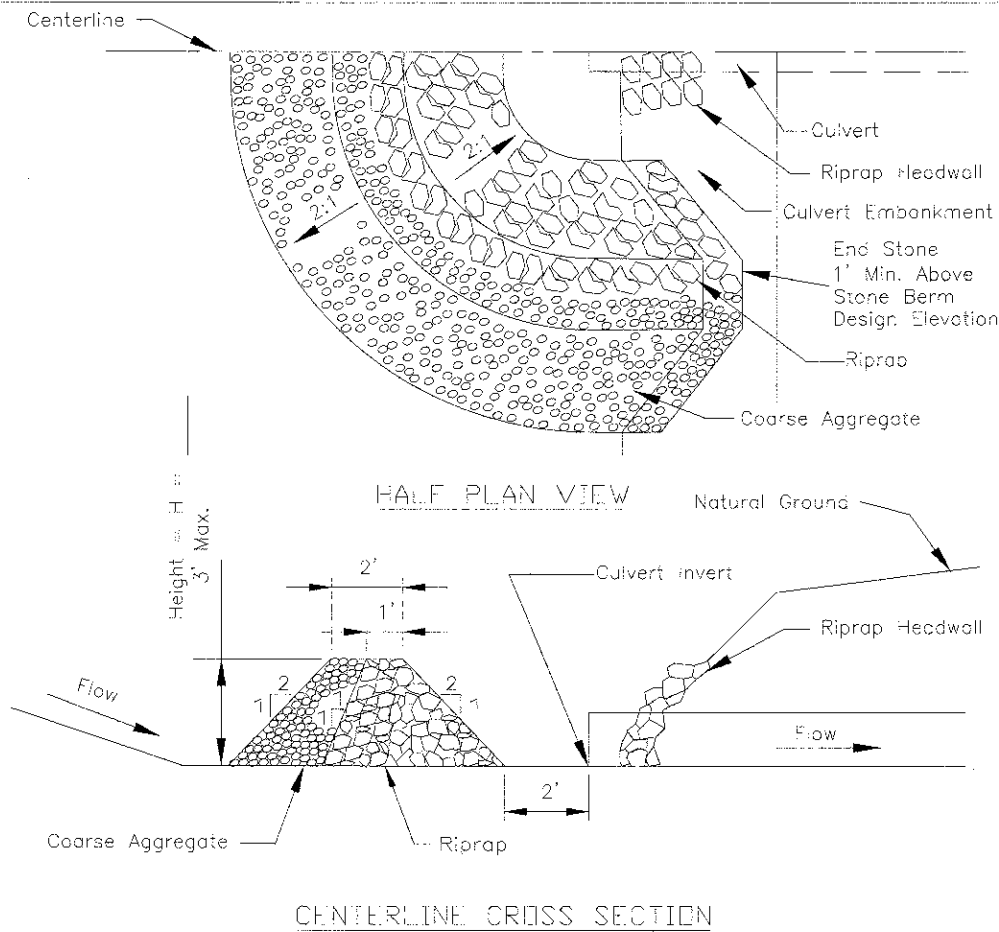
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	56
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640	

CULVERT INLET PROTECTION - SILT FENCE



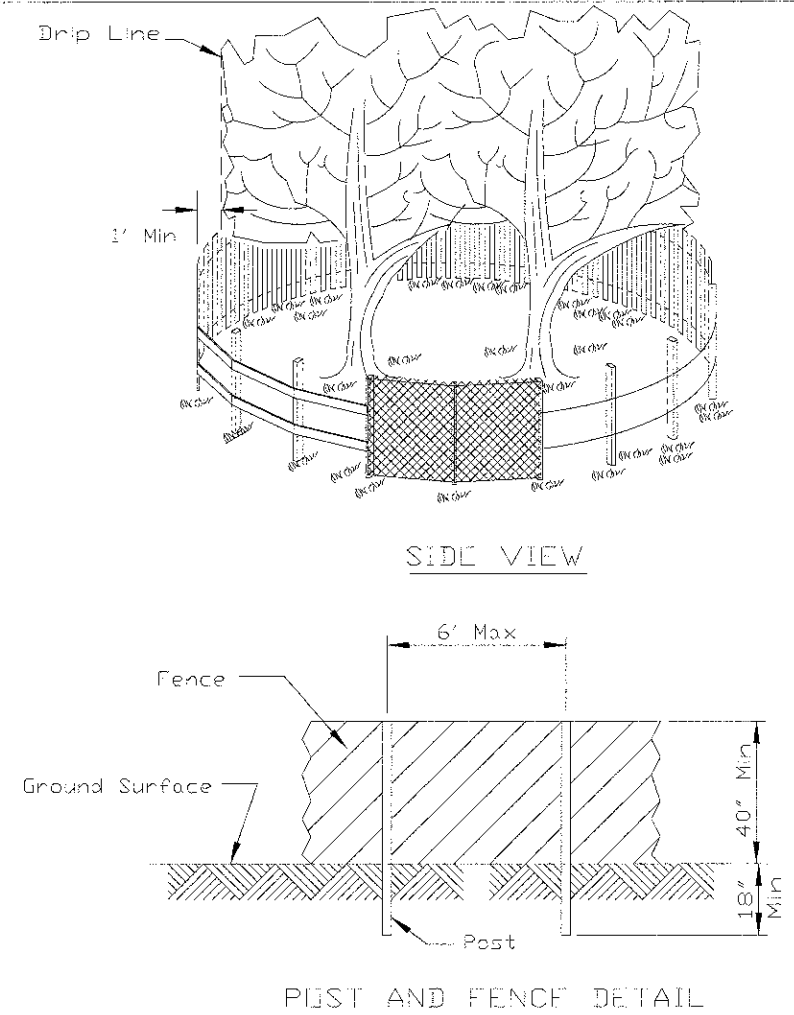
- NOTES:
1. The silt fence shall meet the requirements as shown on standard drawing IL-620 SILT FENCE except the maximum post spacing shall be 3 feet and the tops of posts shall be cross braced.
  2. Sediment shall be removed when the sediment has accumulated to one-half the height of the silt fence.
  3. The maximum drainage area to the culvert being protected is 1 acre.

CULVERT INLET PROTECTION - STONE



- Notes:
1. Sediment shall be removed when the sediment has accumulated to one-half the height of the stone berm.
  2. Coarse aggregate shall meet one of the following (DOT) coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4.
  3. Riprap shall meet (DOT) gradation RR-3 or RR-4. Any permanent riprap, such as for the culvert headwall, shall meet (DOT) Quality Designation A.
  4. Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
  5. The maximum drainage area to the culvert being protected is 3 acres.
  6. See plans for H dimension.
  7. Tie the stone berm into the culvert embankment a minimum of 1 foot above the design elevation of the stone berm.

TREE PROTECTION - FENCING



- NOTES:
1. The fence shall be located a minimum of 1 foot outside the drip line of the tree to be saved and in no case closer than 5 feet to the trunk of any tree.
  2. Fence posts shall be either standard steel posts or wood posts with a minimum cross sectional area of 3.0 sq. in.
  3. The fence may be either 40" high snow fence, 40" plastic web fencing or any other material as approved by the engineer/inspector.

REFERENCE	Project _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-508SF
SHEET	1 OF 1
DATE	1-29-99

REFERENCE	Project _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-508ST
SHEET	1 OF 1
DATE	1-29-99

REFERENCE	Project _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-690
SHEET	1 OF 1
DATE	4-7-94



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PLT DATE = 2/2/2012	DATE - 02/06/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

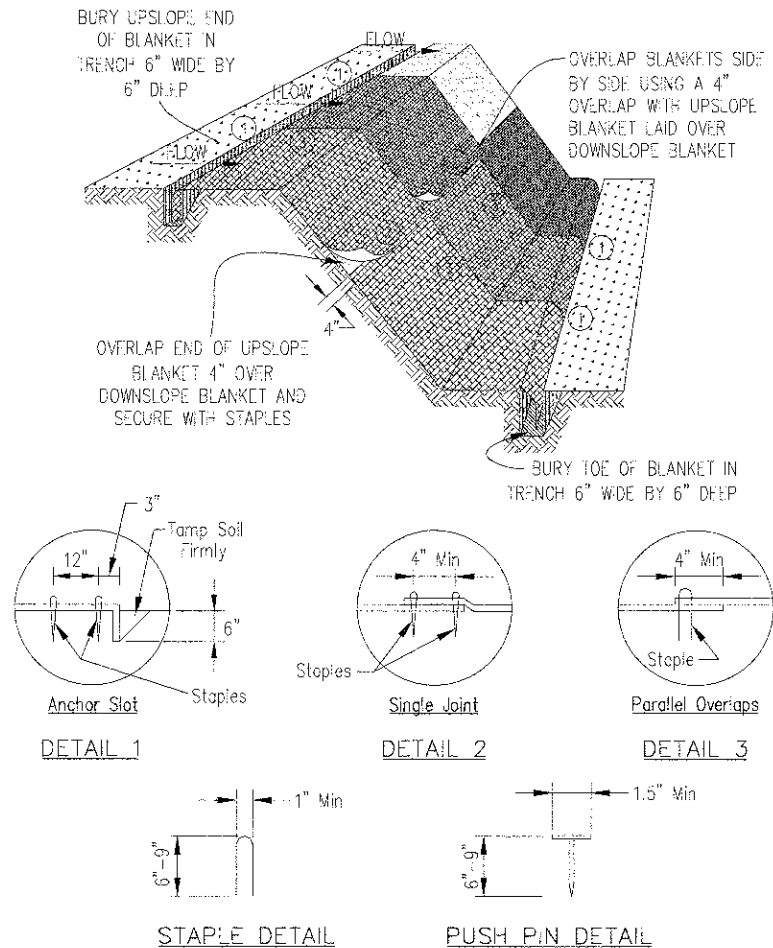
ATKINSON ROAD  
EROSION AND SEDIMENT CONTROL DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	57
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640	



# EROSION CONTROL BLANKET INSTALLATION DETAILS

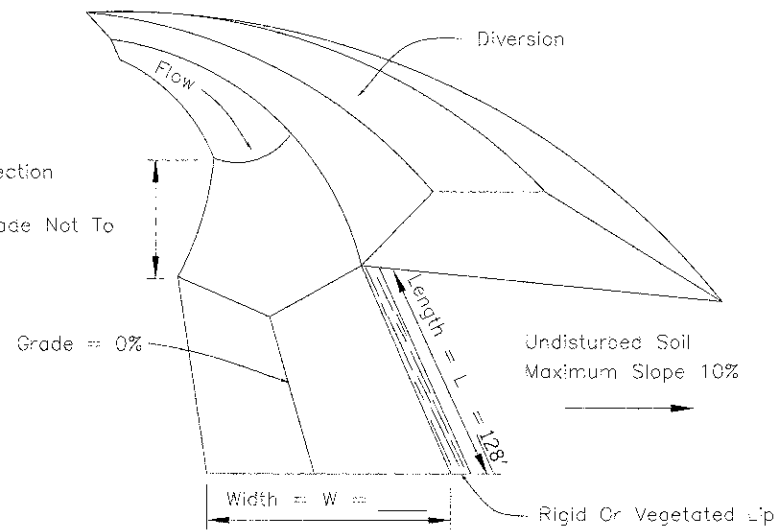


**NOTES:**

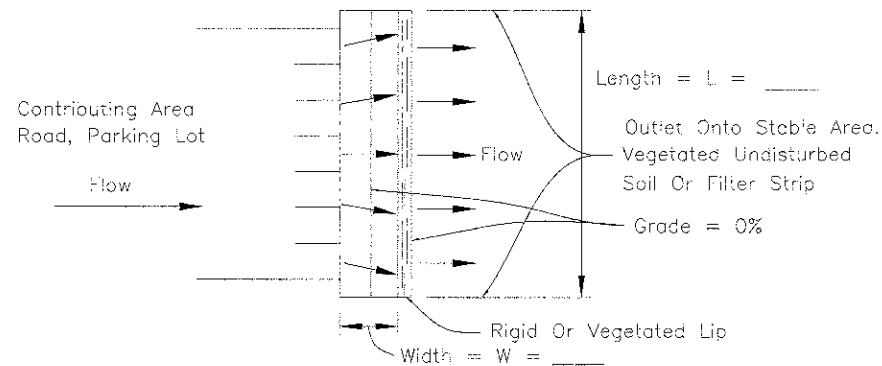
1. Staples shall be placed in a diamond pattern at 2 per s.y. for stitched blankets. Non-stitched shall use 4 staples per s.y. of material. This equates to 200 staples with stitched blanket and 400 staples with non-stitched blanket per 100 s.y. of material.
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
4. All anchor slots shall be stapled at approximately 12" intervals.

# LEVEL SPREADER

Transition Section  
20 Ft. Min.  
Diversion Grade Not To Exceed 1%



## LEVEL SPREADER FOR DIVERSION OUTLET

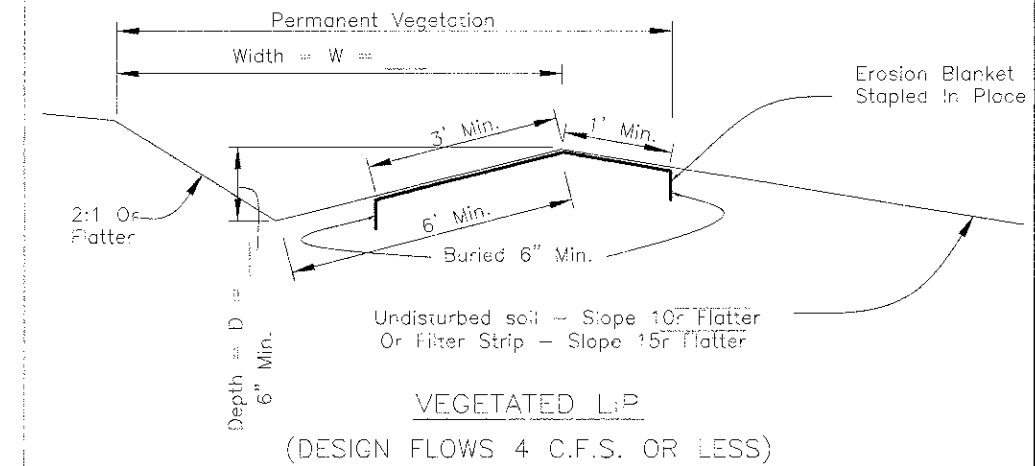
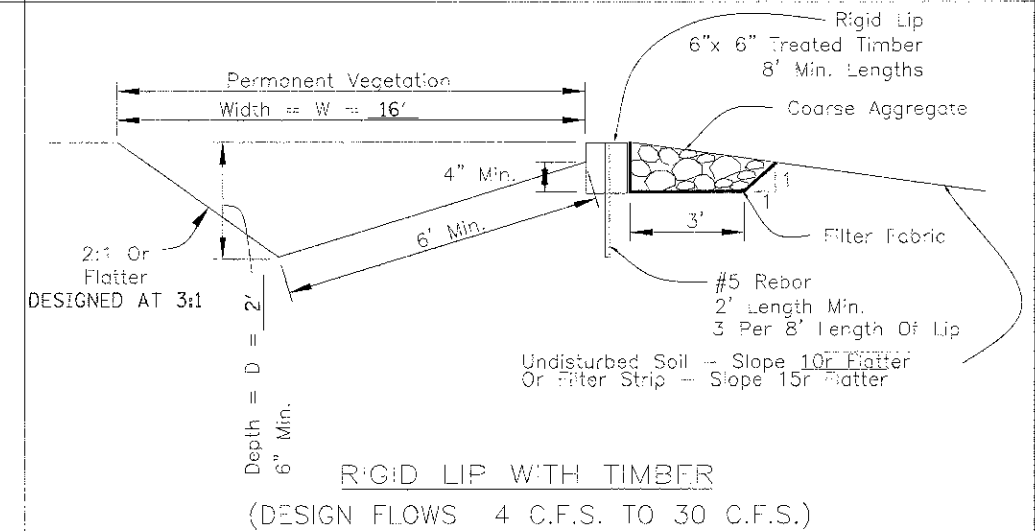


## LEVEL SPREADER FOR IMPERVIOUS AREAS

**NOTES:**

1. Ends of spreader shall be tied into higher ground to prevent flow around the level spreader.
2. See plans for L and W dimensions.

# LEVEL SPREADER



**NOTES:**

1. Coarse aggregate shall meet one of the following IDOT gradations: CA-1, or CA-3.
2. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II, or IV.
3. See sheet FILTER STRIP-GRASSED IL-535 for filter strip requirements.
4. See sheet EROSION BLANKET IL-530 for blanket material and installation requirements.
5. See plans for permanent seeding requirements.
6. See plans for D and W dimensions.

REFERENCE Project	DESIGNED	DATE
Checked	DATE	
Approved	DATE	



STANDARD DWG. NO.	IL-530
SHEET 1 OF 1	
DATE	11/08

REFERENCE Project	DESIGNED	DATE
Checked	DATE	
Approved	DATE	



STANDARD DWG. NO.	IL-570
SHEET 1 OF 2	
DATE	1-29-99

REFERENCE Project	DESIGNED	DATE
Checked	DATE	
Approved	DATE	



STANDARD DWG. NO.	IL-570
SHEET 2 OF 2	
DATE	1-29-99



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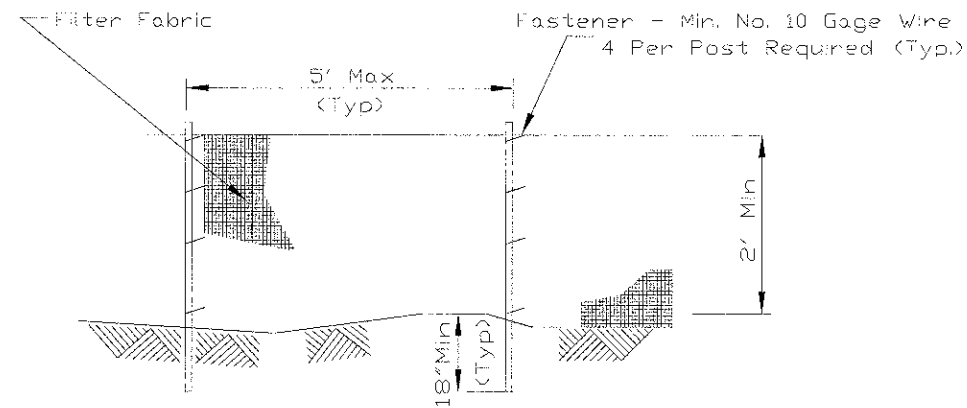
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ATKINSON ROAD  
EROSION AND SEDIMENT CONTROL DETAILS

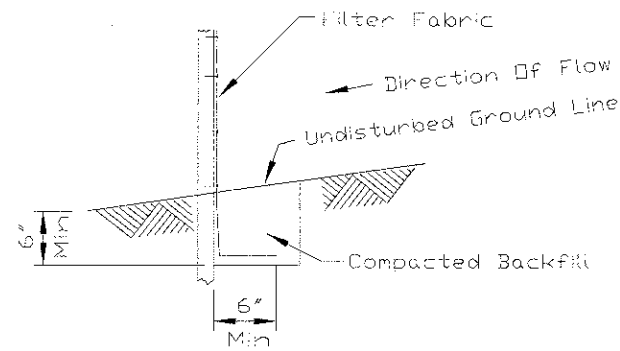
SCALE: N.T.S. SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 58
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SILT FENCE PLAN



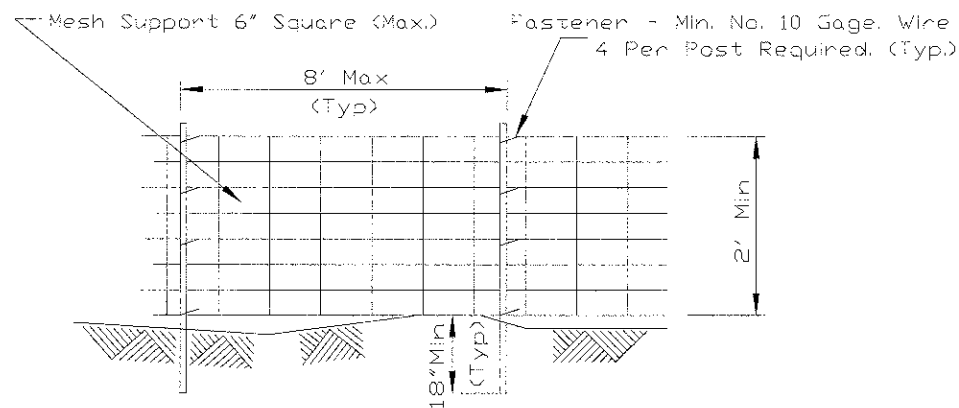
ELEVATION



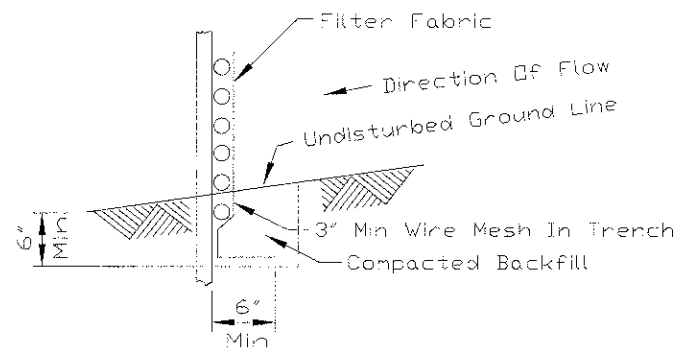
FABRIC ANCHOR DETAIL

- NOTES:
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
  2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
  3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

SILT FENCE WITH WIRE SUPPORT PLAN



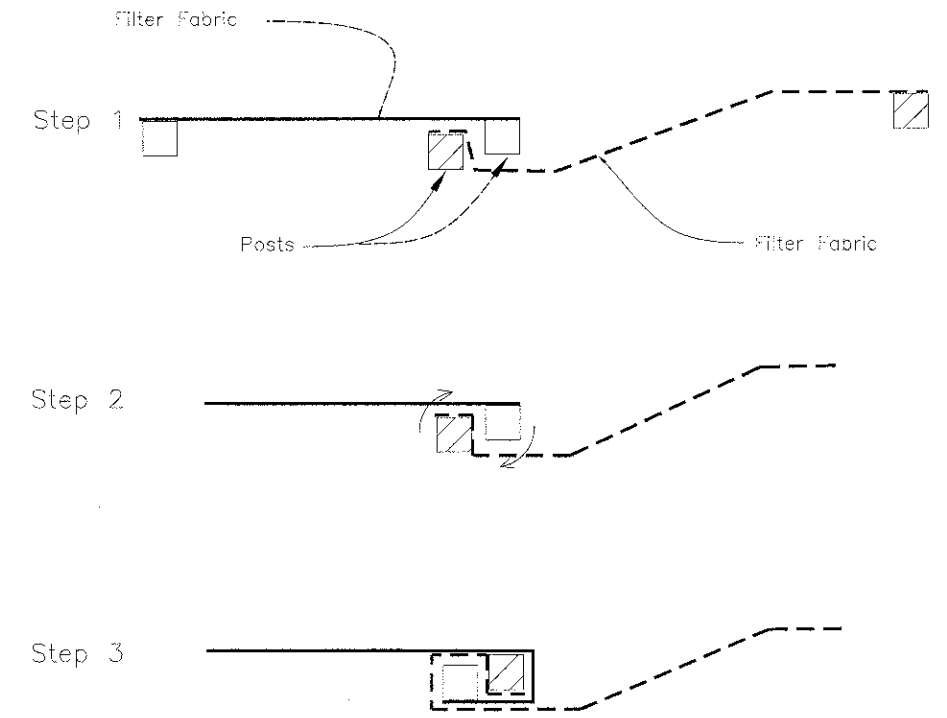
ELEVATION



FABRIC ANCHOR DETAIL

- NOTES:
1. Wires of mesh support shall be min. gage no. 12.
  2. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
  3. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
  4. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

SILT FENCE



ATTACHING TWO SILT FENCES

- NOTES:
1. Place the end post of the second fence inside the end post of the first fence.
  2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
  3. Drive both posts a minimum of 18 inches into the ground and bury the flap.

REFERENCE:  
Project \_\_\_\_\_ Date \_\_\_\_\_  
Designed \_\_\_\_\_ Date \_\_\_\_\_  
Checked \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ Date \_\_\_\_\_



STANDARD DWG. NO.  
IL-620  
SHEET 1 OF 2  
DATE 11-20-01

REFERENCE:  
Project \_\_\_\_\_ Date \_\_\_\_\_  
Designed \_\_\_\_\_ Date \_\_\_\_\_  
Checked \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ Date \_\_\_\_\_



STANDARD DWG. NO.  
IL-620W  
SHEET 1 OF 2  
DATE 3-3-95

REFERENCE:  
Project \_\_\_\_\_ Date \_\_\_\_\_  
Designed \_\_\_\_\_ Date \_\_\_\_\_  
Checked \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ Date \_\_\_\_\_



STANDARD DWG. NO.  
IL-620(W)  
SHEET 2 OF 2  
DATE 1-29-99



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PLOT DATE = 2/2/2012

DESIGNED - MJP  
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CHECKED - DNM  
DATE - 02/06/12

REVISED -  
REVISED -  
REVISED -  
REVISED -

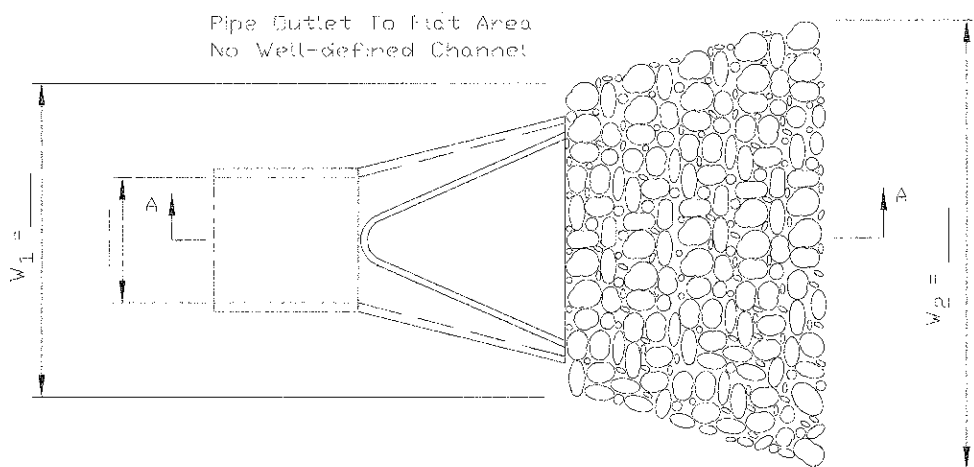
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ATKINSON ROAD  
EROSION AND SEDIMENT CONTROL DETAILS

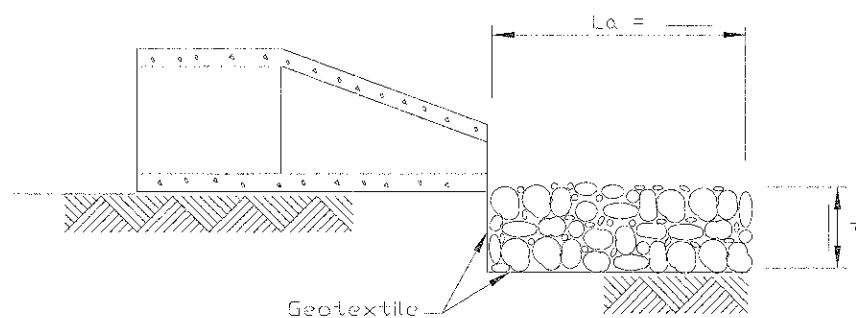
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	59
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PIPE OUTLET TO FLAT AREA



PLAN



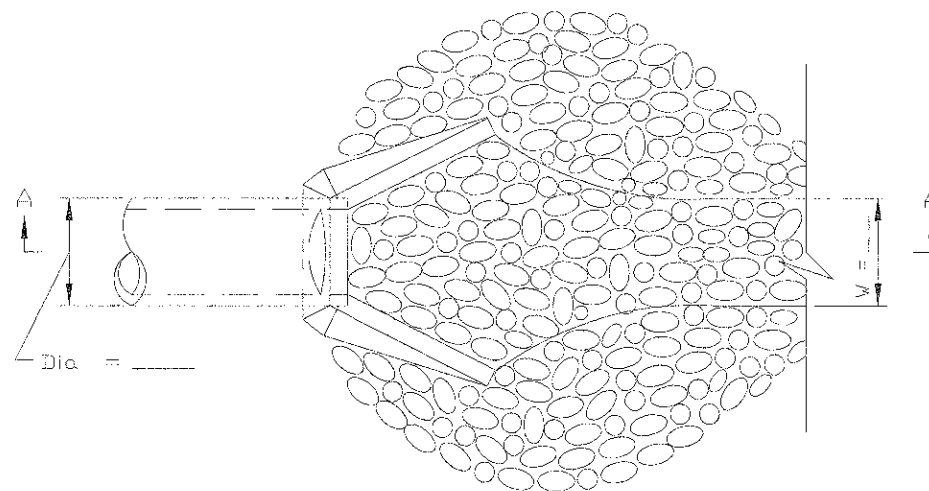
SECTION A-A

NOTES:

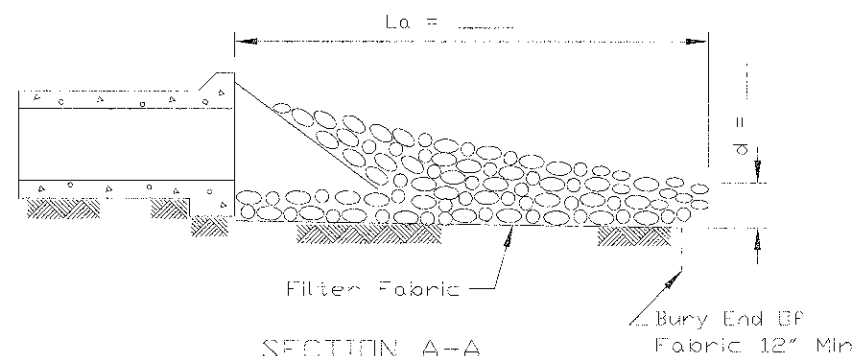
1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
2. The rock riprap shall meet the IDOT requirements for the following gradation: SEE RIPRAP SCHEDULE.
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

PIPE OUTLET TO CHANNEL

Pipe Outlet To Well-Defined Channel



PLAN



SECTION A-A

NOTES:

1. The filter fabric shall meet the requirements in material specification 592 GEOTEXTILE Table 1 or 2, Class I, II or III.
2. The rock riprap shall meet the IDOT requirements for the following gradation: SEE RIPRAP SCHEDULE.
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

RIPRAP SCHEDULE									
STRUCTURE NUMBER	LOCATION		PIPE SIZE (IN)	CLASS	DEPTH (IN)	APRON LENGTH (FOOT)	UPSTREAM WIDTH (FOOT)	DOWNSTREAM WIDTH (FOOT)	QUANTITY (SQ YD)
	STATION	OFFSET							
3	435+00	49.8' LT.	18	A3	15	16	5	18	21
21	446+00	50.0' LT.	24	A4	20	20	6	22	32
23	446+50	44.8' LT.	42	A5	28	26	11	30	60
24	447+00	48.1' LT.	18	A3	15	16	5	18	21
36A	455+50	28.1' RT.	24	A4	20	16	6	22	25
78	8+69	0.0' LT.	42	A5	28	26	17	25	61
POND LOW POINTS	---	---	---	A3	15	N/A	N/A	N/A	392
WEIR OVERFLOW	9+82	45.5' LT.	---	A4	20	20	50	50	112
			---	A1	6	20	50	50	112
CURB OUTLET	437+01	30.5' LT.	---	A3	15	44	7	11	44

FILTER FABRIC FOR RIPRAP SCHEDULE			
DOWNSTREAM OF STRUCTURE NUMBER	LOCATION		QUANTITY (SQ YD)
	STATION	OFFSET	
3	435+00	49.8' LT.	29
21	446+00	50.0' LT.	46
23	446+50	44.8' LT.	85
24	447+00	48.1' LT.	29
36A	455+50	28.1' RT.	37
78	8+69	0.0' LT.	86
POND LOW POINTS	---	---	392
WEIR OVERFLOW	9+82	45.5' LT.	138
			120
CURB OUTLET	437+01	30.5' LT.	59

REFERENCE Project \_\_\_\_\_ Date \_\_\_\_\_  
 Designed \_\_\_\_\_ Date \_\_\_\_\_  
 Checked \_\_\_\_\_ Date \_\_\_\_\_  
 Approved \_\_\_\_\_ Date \_\_\_\_\_



STANDARD DWG. NO. IL-610  
 SHEET 1 OF 1  
 DATE 9-15-93

REFERENCE Project \_\_\_\_\_ Date \_\_\_\_\_  
 Designed \_\_\_\_\_ Date \_\_\_\_\_  
 Checked \_\_\_\_\_ Date \_\_\_\_\_  
 Approved \_\_\_\_\_ Date \_\_\_\_\_



STANDARD DWG. NO. IL-611  
 SHEET 1 OF 1  
 DATE 8-18-94



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 PLOT SCALE: 1.0000 1/1 in.  
 PLOT DATE: 3/6/2012

DESIGNED - MJP  
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 DATE - 02/06/12

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

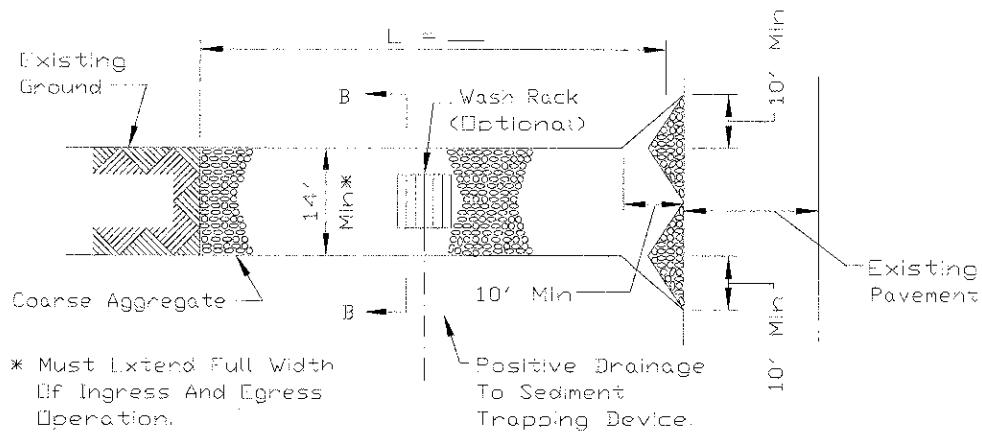
ATKINSON ROAD  
 EROSION AND SEDIMENT CONTROL DETAILS

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

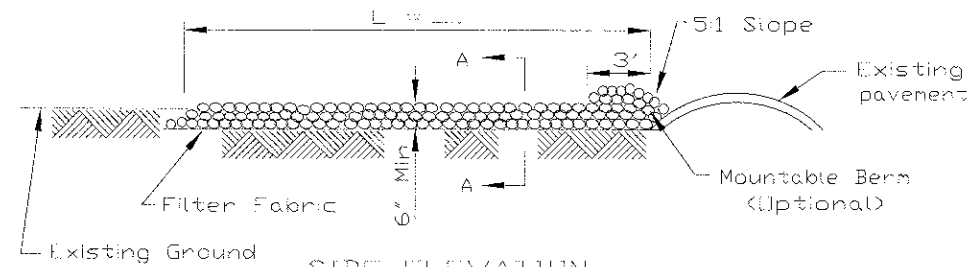
F.A.U. SECTION COUNTY TOTAL SHEET NO.  
 198 00-00645-C0-PV LAKE 195 60  
 CONTRACT NO. 63640  
 FED. ROAD DIST. NO. 1 (ILLINOIS FED. AID PROJECT)



STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW

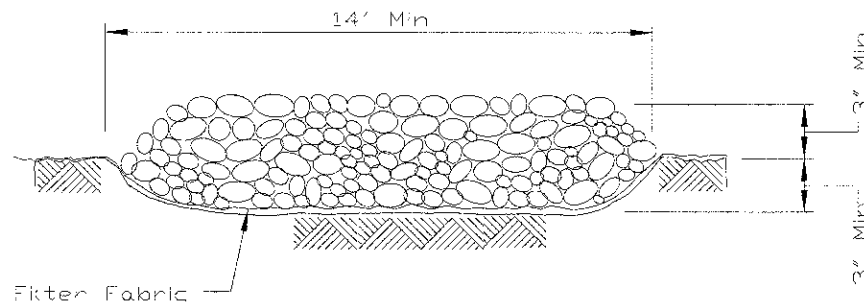


SIDE ELEVATION

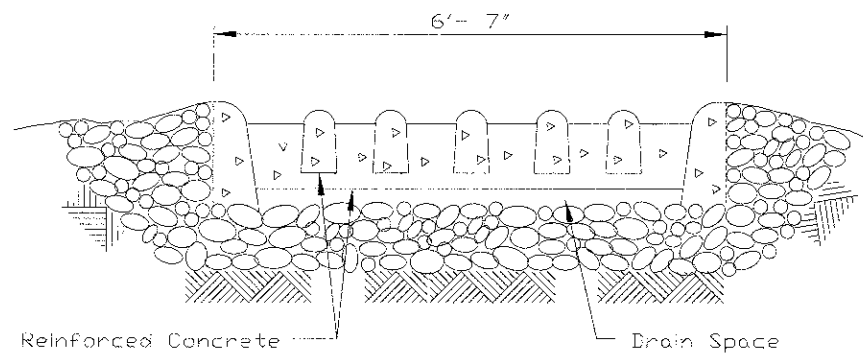
NOTES:

1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

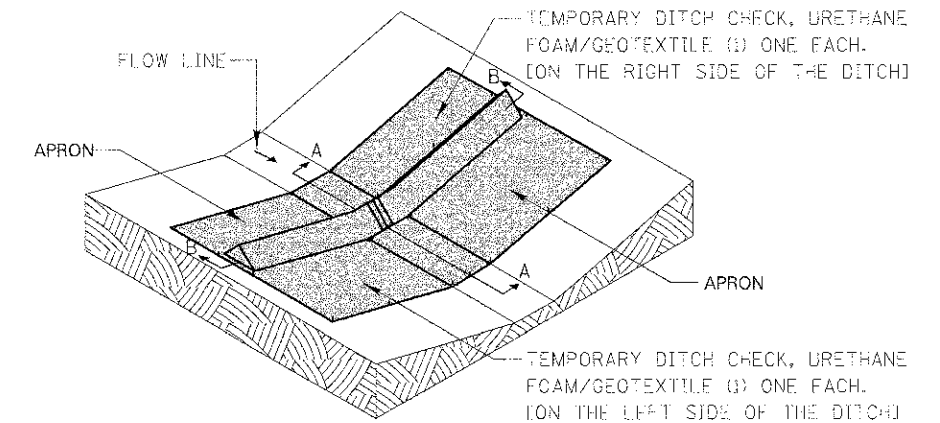
STABILIZED CONSTRUCTION ENTRANCE PLAN



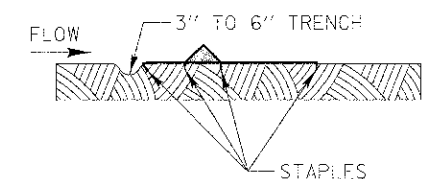
SECTION A-A



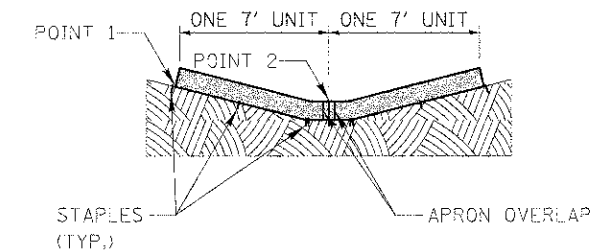
SECTION B-B



SILT DIKE UNIT ISOMETRIC



SECTION A-A



SECTION B-B

STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE 7' UNIT AS SHOWN ON THE DIAGRAM.  
POINT 1 MUST BE HIGHER THAN POINT 2 TO INSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

NOTE:  
THE INSTALLATION SHOWN ABOVE WILL BE MEASURED AS TWO (2) EACH TEMPORARY DITCH CHECK, URETHANE FOAM/GEOTEXTILE.  
NOT TO SCALE

REVISIONS	DATE	APPROVED BY: M. G. ZEMAITIS
		DATE: APRIL 1, 2007
		<b>TRIANGULAR SILT DIKE INSTALLATION FOR ROADWAY DITCH OR DRAINAGE DITCH</b>

Project	Date
Designed	Date
Checked	Date
Approved	Date



STANDARD DWG. NO.	IL-630
SHEET 1 OF 2	
DATE	8-18-94

Project	Date
Designed	Date
Checked	Date
Approved	Date



STANDARD DWG. NO.	IL-630
SHEET 2 OF 2	
DATE	8-18-94



USER NAME = eds	DESIGNED - MJP	REVISED -
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PLOT DATE = 2/2/2012	DATE - 02/06/12	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ATKINSON ROAD  
EROSION AND SEDIMENT CONTROL DETAILS

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

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 61
CONTRACT NO. 63640				

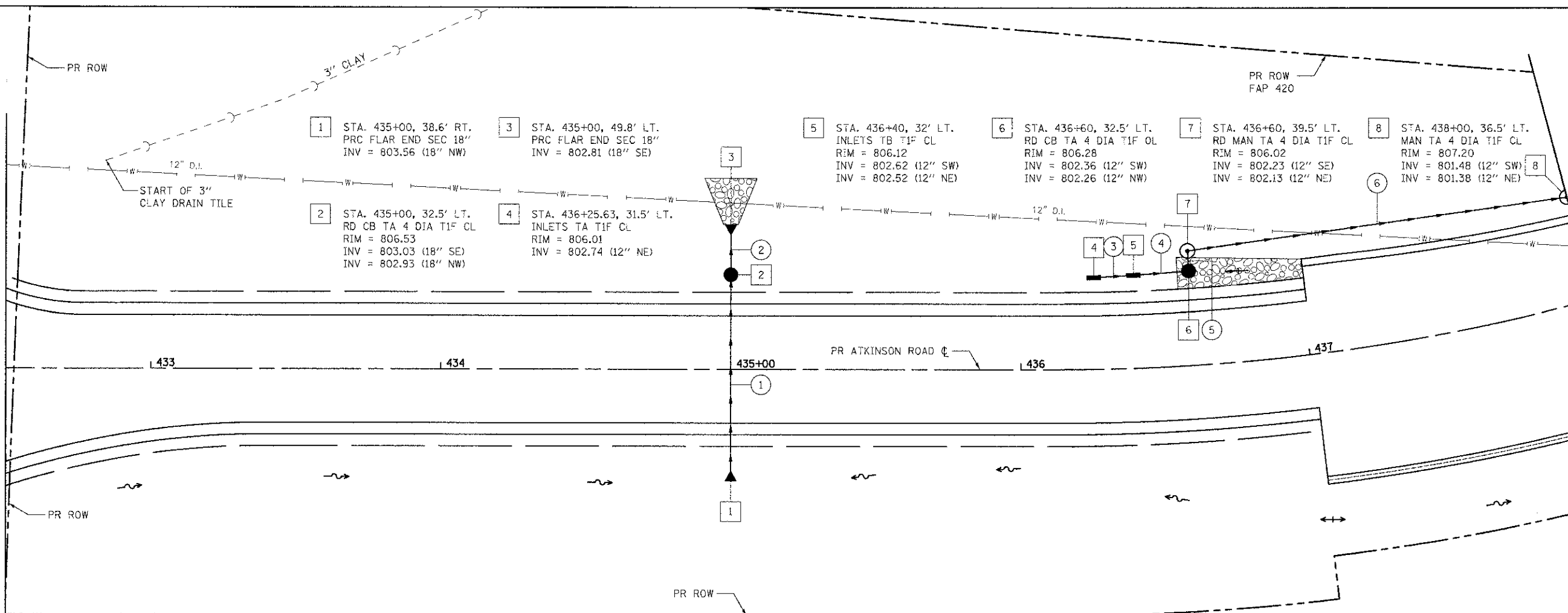
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DATE	
BY	
CHECKED	
DESIGNED	
DRAWN	
IN CHARGE	
PROJECT	
NO.	

DATE	
BY	
CHECKED	
DESIGNED	
DRAWN	
IN CHARGE	
PROJECT	
NO.	

MATCH LINE STA. 432+50  
(SEE SHEET NO. 70)

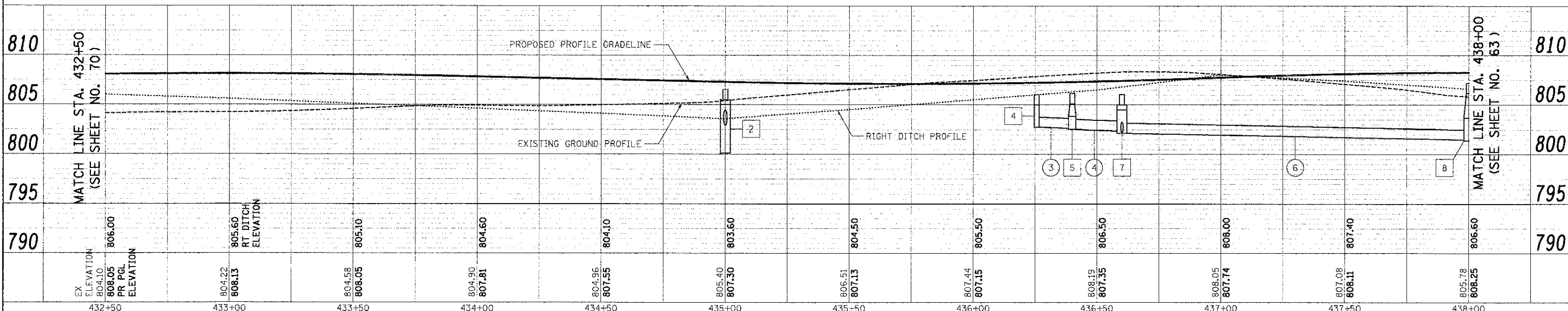
MATCH LINE STA. 438+00  
(SEE SHEET NO. 63)



- ① 64' - STORM SEW CL A 1, 18" @ 0.75%  
T.B.F. = 6.8 CU. YD.
- ② 10' - STORM SEW CL A 1, 18" @ 0.75%  
T.B.F. = 0.2 CU. YD.
- ③ 12' - STORM SEW CL A 1, 12" @ 1.00%  
T.B.F. = 3.4 CU. YD.
- ④ 16' - STORM SEW CL A 1, 12" @ 1.00%  
T.B.F. = 5.2 CU. YD.
- ⑤ 3' - STORM SEW CL A 2, 12" @ 1.00%  
T.B.F. = 0.4 CU. YD.
- ⑥ 129' - STORM SEW WM REQ, 12" @ 0.50%  
T.B.F. = 0.0 CU. YD.

**NOTES**

1. THE STATION AND OFFSET CALL-OUT FOR FLARED END SECTIONS IS MEASURED FROM THE TOE.
2. WORK ON ALL IDENTIFIED DRAIN TILES SHALL BE COORDINATED WITH THE LCSMC FIELD REPRESENTATIVE.
3. ANY DRAIN TILES ENCOUNTERED DURING THE WORK WILL BE REPAIRED, REROUTED, OR CONNECTED TO THE STORM SEWER SYSTEM, AS APPROPRIATE, TO MAINTAIN DRAINAGE. FOR EACH DRAIN TILE ENCOUNTERED, REPORT TO THE LCSMC THE LOCATION, SIZE, MATERIAL, CONDITION, AMOUNT OF FLOW, DIRECTION OF FLOW, AND DEPTH OF COVER.
4. FOR RIPRAP CLASSIFICATION, SEE EROSION AND SEDIMENT CONTROL SHEETS.
5. STRUCTURES CALLED OFF WITH "RD" ARE RESTRICTED DEPTH STRUCTURES THAT WILL REQUIRE A FLAT SLAB TOP.



EX ELEVATION 804.10	806.00	804.22	805.60	804.58	805.10	804.90	804.60	804.96	804.10	805.40	803.60	806.51	804.50	807.44	805.50	808.19	806.50	808.05	807.74	807.08	808.11	805.78	808.25
PR PGL ELEVATION		808.13		808.05		807.81		807.55		807.30		807.13		807.15		807.35		807.74		808.11		808.25	
432+50	433+00	433+50	434+00	434+50	435+00	435+50	436+00	436+50	437+00	437+50	438+00												



USER NAME	DESIGNED	REVISED
FILE NAME	DRAWN	REVISED
PLOT SCALE	CHECKED	REVISED
PLOT DATE	DATE	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ATKINSON ROAD  
DRAINAGE & UTILITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	62
CONTRACT NO. 63640				

SCALE: 1" = 20' SHEET NO. 1 OF 15 SHEETS STA. 432+50 TO STA. 438+00

PLAN	REVISION	DATE
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NO. 2	BY: [ ]	
NO. 3	BY: [ ]	
NO. 4	BY: [ ]	
NO. 5	BY: [ ]	
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NO. 12	BY: [ ]	

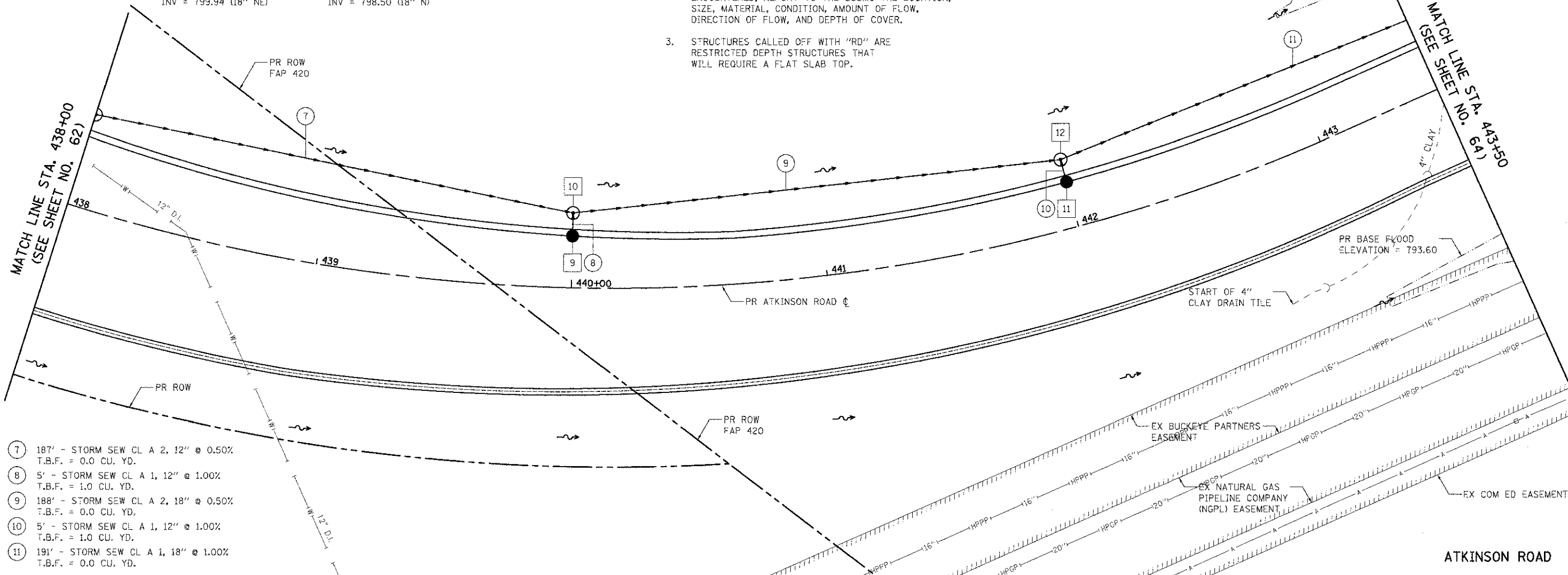
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- 9 STA. 440+00, 20.3' LT.  
CB TC T24F&G  
RIM = 805.94  
INV = 801.94 (12" NW)
- 10 STA. 440+00, 29.3' LT.  
RD MAN TA 4 DIA T1F CL  
RIM = 805.60  
INV = 801.89 (12" SE)  
INV = 800.44 (12" SW)  
INV = 799.94 (18" NE)
- 11 STA. 442+00, 18' LT.  
CB TC T24F&G  
RIM = 803.11  
INV = 799.11 (12" W)
- 12 STA. 442+00, 27' LT.  
RD MAN TA 4 DIA T1F CL  
RIM = 802.77  
INV = 799.06 (12" E)  
INV = 799.00 (18" SW)  
INV = 798.50 (18" N)

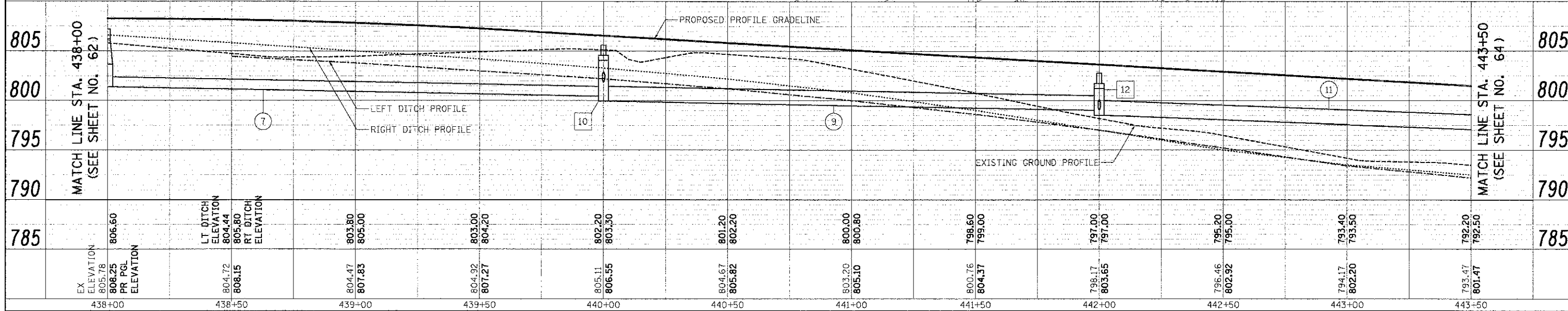
**NOTES**

1. WORK ON ALL IDENTIFIED DRAIN TILES SHALL BE COORDINATED WITH THE LCSMC FIELD REPRESENTATIVE.
2. ANY DRAIN TILES ENCOUNTERED DURING THE WORK WILL BE REPAIRED, REROUTED, OR CONNECTED TO THE STORM SEWER SYSTEM, AS APPROPRIATE, TO MAINTAIN DRAINAGE. FOR EACH DRAIN TILE ENCOUNTERED, REPORT TO THE LCSMC THE LOCATION, SIZE, MATERIAL, CONDITION, AMOUNT OF FLOW, DIRECTION OF FLOW, AND DEPTH OF COVER.
3. STRUCTURES CALLED OFF WITH "RD" ARE RESTRICTED DEPTH STRUCTURES THAT WILL REQUIRE A FLAT SLAB TOP.

PR BASE FLOOD ELEVATION = 793.45



- 7 187' - STORM SEW CL A 2, 12" @ 0.50%  
T.B.F. = 0.0 CU. YD.
- 8 5' - STORM SEW CL A 1, 12" @ 1.00%  
T.B.F. = 1.0 CU. YD.
- 9 188' - STORM SEW CL A 2, 18" @ 0.50%  
T.B.F. = 0.0 CU. YD.
- 10 5' - STORM SEW CL A 1, 12" @ 1.00%  
T.B.F. = 1.0 CU. YD.
- 11 191' - STORM SEW CL A 1, 18" @ 1.00%  
T.B.F. = 0.0 CU. YD.



EX ELEVATION	805.78	806.60	804.72	808.25	804.47	807.83	804.92	807.27	805.11	806.55	804.67	805.82	803.20	805.10	800.76	804.37	798.17	803.65	796.46	802.92	794.17	802.20	793.47	801.47	792.20	792.50
PR PGL ELEVATION	805.78	806.60	804.72	808.25	804.47	807.83	804.92	807.27	805.11	806.55	804.67	805.82	803.20	805.10	800.76	804.37	798.17	803.65	796.46	802.92	794.17	802.20	793.47	801.47	792.20	792.50
LT DITCH ELEVATION			804.44				803.00																			
RT DITCH ELEVATION			805.80				804.20																			
STATION	438+00	438+50	439+00	439+50	440+00	440+50	441+00	441+50	442+00	442+50	443+00	443+50														



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

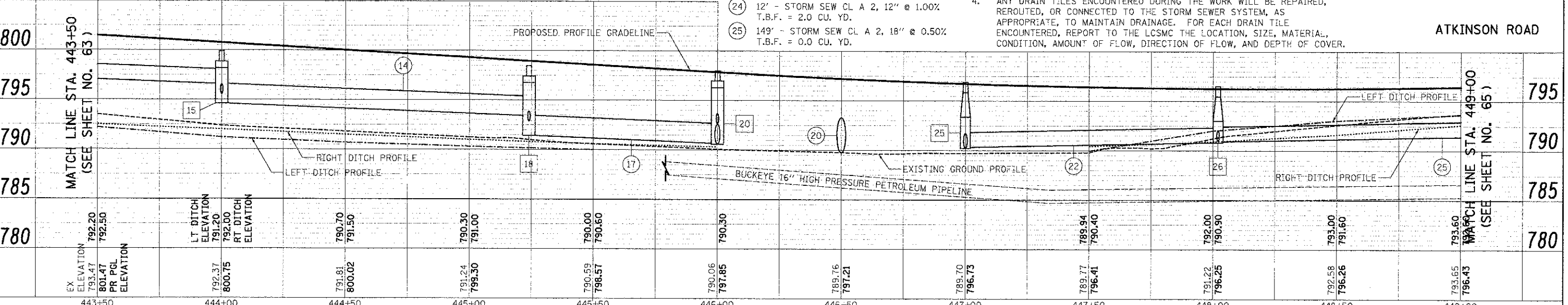
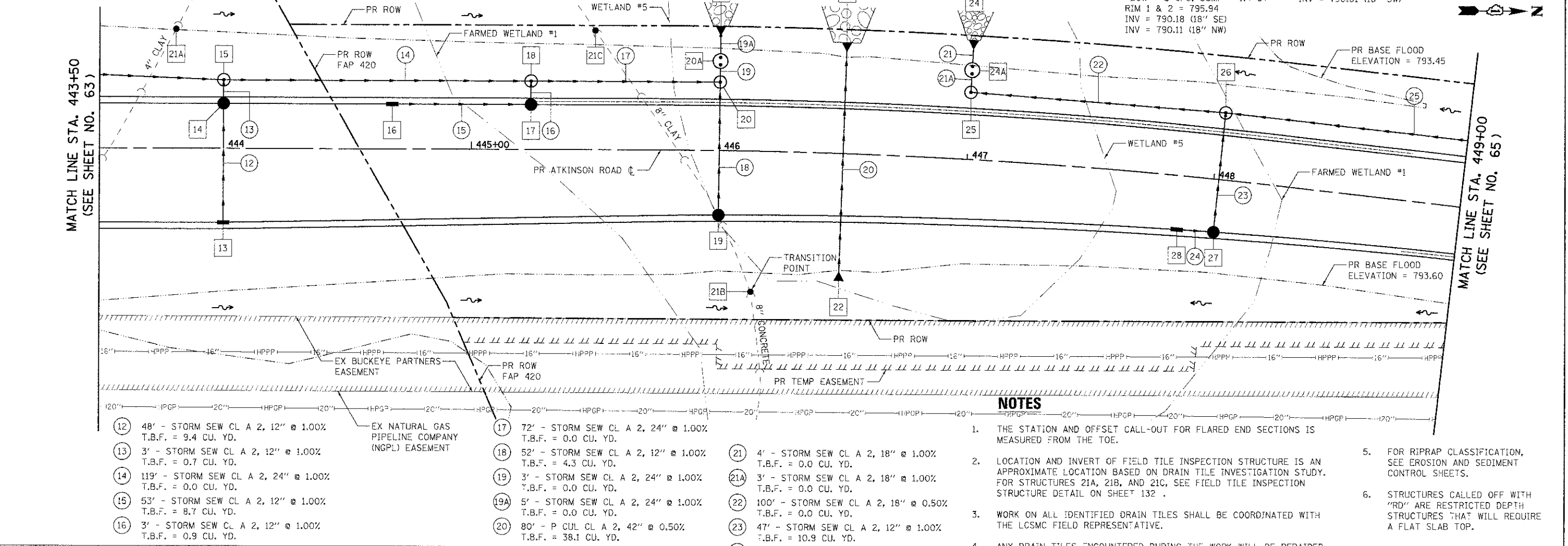
ATKINSON ROAD  
DRAINAGE & UTILITIES  
SCALE: 1" = 20'  
SHEET NO. 2 OF 15 SHEETS  
STA. 438+00 TO STA. 443+50

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	63
CONTRACT NO. 63640				

PLAN	SURVEYED	DATE
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NO. OF MAY CHECKS	BY	
NO. OF T.I.F. MAPS	BY	

PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO. OF T.I.F. MAPS	BY	
NO. OF STRUCTURE NOTES	BY	

- 13 STA. 444+00, 30' RT. INLETS TA T24F&G RIM = 800.15 INV = 796.15 (12" W)
- 14 STA. 444+00, 18' LT. CB TA 4 DIA T24F&G RIM = 800.39 INV = 795.67 (12" E) INV = 795.57 (12" W)
- 15 STA. 444+00, 27.5' LT. RD MAN TA 5 DIA TIF CL RIM = 799.88 INV = 795.54 (12" E) INV = 796.59 (18" S) INV = 794.59 (24" N)
- 16 STA. 444+68, 18' LT. INLETS TA T24F&G RIM = 799.40 INV = 795.40 (12" N)
- 17 STA. 445+24, 18' LT. RD CB TA 4 DIA T24F&G RIM = 798.95 INV = 794.87 (12" S) INV = 792.87 (12" W)
- 18 STA. 445+24, 27.5' LT. RD MAN TA 5 DIA TIF CL RIM = 798.45 INV = 792.84 (12" E) INV = 793.40 (24" S) INV = 791.40 (24" N)
- 19 STA. 446+00, 26.1' RT. CB TC T24F&G RIM = 797.16 INV = 793.16 (12" W)
- 20 STA. 446+00, 27.5' LT. RD MAN TA 5 DIA TIF CL RIM = 798.00 INV = 792.64 (12" E) INV = 790.68 (24" S) INV = 790.58 (24" W)
- 20A STA. 446+00, 36' LT. STORM WATER TRTMT SYS FLOW = 4 CFS; SUMP = 2 CY RIM 1 & 2 = 796.90 INV = 790.55 (24" E) INV = 789.95 (24" W)
- 21 STA. 446+00, 50' LT. PRC FLAR END SEC 24" INV = 789.84 (24" E)
- 21A STA. 443+81, 48' LT. FIELD TILE INSPEC STR RIM = 793.33 INV = 789.13 (4")
- 21B STA. 446+14, 57' RT. FIELD TILE INSPEC STR RIM = 791.48 INV = 787.86 (8")
- 21C STA. 445+50, 48' LT. FIELD TILE INSPEC STR RIM = 791.54 INV = 787.56 (8")
- 22 STA. 446+50, 51.6' RT. PRC FLAR END SEC 42" INV = 790.22 (42" W)
- 23 STA. 446+50, 44.8' LT. PRC FLAR END SEC 42" INV = 789.74 (42" E)
- 24 STA. 447+00, 48.1' LT. PRC FLAR END SEC 18" INV = 790.01 (18" SE)
- 24A STA. 447+00, 36' LT. STORM WATER TRTMT SYS FLOW = 2 CFS; SUMP = 1.4 CY RIM 1 & 2 = 795.94 INV = 790.18 (18" SE) INV = 790.11 (18" NW)
- 25 STA. 447+00, 27.5' LT. MAN TA 4 DIA TIF CL RIM = 796.88 INV = 790.31 (18" NE) INV = 790.21 (18" NW)
- 26 STA. 448+02, 27.5' LT. MAN TA 4 DIA TIF CL RIM = 796.50 INV = 790.99 (12" SE) INV = 790.91 (18" NE) INV = 790.81 (18" SW)
- 27 STA. 448+02, 21.3' RT. RD CB TA 4 DIA T24F&G RIM = 795.67 INV = 791.56 (12" SW) INV = 791.46 (12" NW)
- 28 STA. 447+87, 21.8' RT. INLETS TA T24F&G RIM = 795.68 INV = 791.68 (12" NE)



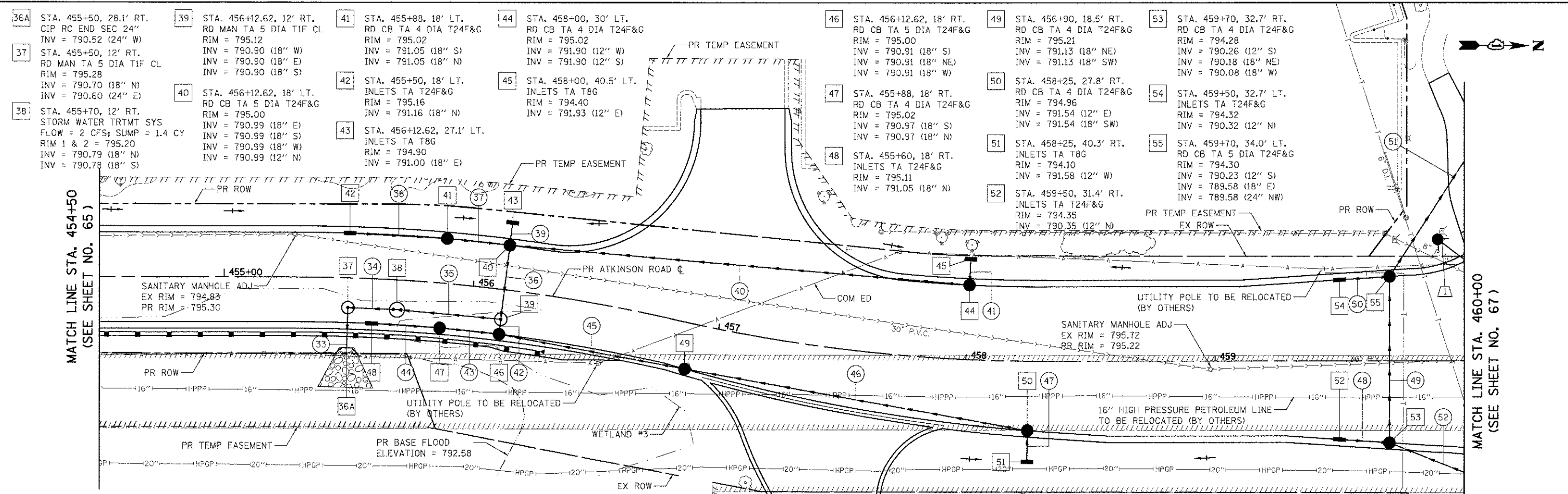
EX ELEVATION	793.47	792.20	792.50	791.20	791.50	790.30	791.00	790.00	790.60	790.30	791.21	790.40	790.90	791.60	793.60
PR PGL ELEVATION	801.47	792.37	800.75	792.00	800.02	791.24	793.30	790.99	796.57	790.06	789.76	789.77	791.22	796.26	793.65
LT DITCH ELEVATION		791.20													
RT DITCH ELEVATION		800.75													
STATION	443+50	444+00	444+50	445+00	445+50	446+00	446+50	447+00	447+50	448+00	448+50	449+00			

- NOTES**
1. THE STATION AND OFFSET CALL-OUT FOR FLARED END SECTIONS IS MEASURED FROM THE TOE.
  2. LOCATION AND INVERT OF FIELD TILE INSPECTION STRUCTURE IS AN APPROXIMATE LOCATION BASED ON DRAIN TILE INVESTIGATION STUDY. FOR STRUCTURES 21A, 21B, AND 21C, SEE FIELD TILE INSPECTION STRUCTURE DETAIL ON SHEET 132.
  3. WORK ON ALL IDENTIFIED DRAIN TILES SHALL BE COORDINATED WITH THE LCSMC FIELD REPRESENTATIVE.
  4. ANY DRAIN TILES ENCOUNTERED DURING THE WORK WILL BE REPAIRED, REROUTED, OR CONNECTED TO THE STORM SEWER SYSTEM, AS APPROPRIATE, TO MAINTAIN DRAINAGE. FOR EACH DRAIN TILE ENCOUNTERED, REPORT TO THE LCSMC THE LOCATION, SIZE, MATERIAL, CONDITION, AMOUNT OF FLOW, DIRECTION OF FLOW, AND DEPTH OF COVER.
  5. FOR RIPRAP CLASSIFICATION, SEE EROSION AND SEDIMENT CONTROL SHEETS.
  6. STRUCTURES CALLED OFF WITH "RD" ARE RESTRICTED DEPTH STRUCTURES THAT WILL REQUIRE A FLAT SLAB TOP.



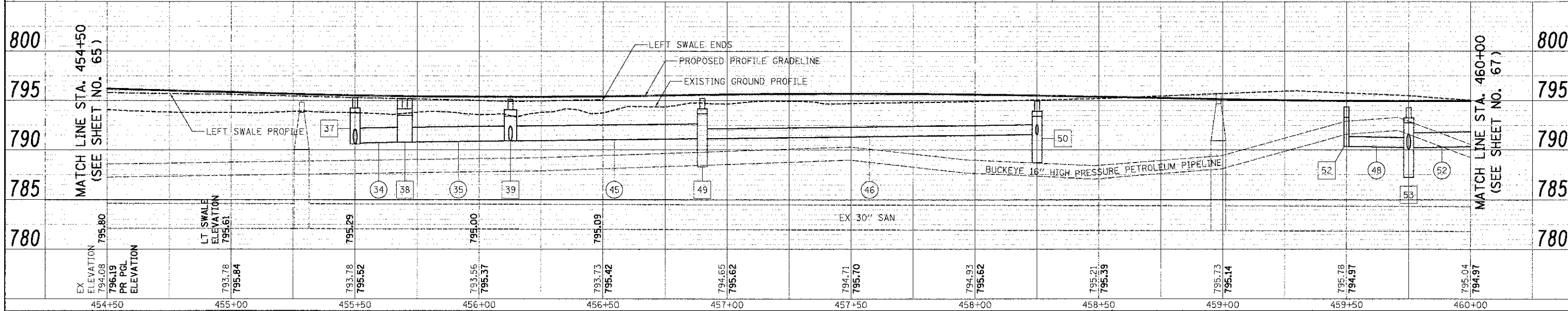


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NO. OF SHEETS NOT CHECKED	
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- 33 14' - STORM SEW CL A 1, 24" @ 0.50% T.B.F. = 1.8 CU. YD.
- 34 15' - STORM SEW CL A 2, 18" @ 0.50% T.B.F. = 3.1 CU. YD.
- 35 37' - STORM SEW CL A 1, 18" @ 0.30% T.B.F. = 6.7 CU. YD.
- 36 28' - STORM SEW CL A 1, 18" @ 0.30% T.B.F. = 4.4 CU. YD.
- 37 21' - STORM SEW CL A 1, 18" @ 0.30% T.B.F. = 2.8 CU. YD.
- 38 36' - STORM SEW CL A 1, 18" @ 0.30% T.B.F. = 4.7 CU. YD.
- 39 4' - STORM SEW CL A 1, 18" @ 0.30% T.B.F. = 0.0 CU. YD.
- 40 181' - STORM SEW CL A 2, 12" @ 0.50% T.B.F. = 23.9 CU. YD.
- 41 6' - STORM SEW CL A 1, 12" @ 0.50% T.B.F. = 0.3 CU. YD.
- 42 4' - STORM SEW CL A 1, 18" @ 0.30% T.B.F. = 0.7 CU. YD.
- 43 20' - STORM SEW CL A 1, 18" @ 0.30% T.B.F. = 2.9 CU. YD.
- 44 25' - STORM SEW CL A 1, 18" @ 0.30% T.B.F. = 3.6 CU. YD.
- 45 72' - STORM SEW CL A 1, 18" @ 0.30% T.B.F. = 10.3 CU. YD.
- 46 136' - STORM SEW CL A 1, 18" @ 0.30% T.B.F. = 14.3 CU. YD.
- 47 8' - STORM SEW CL A 1, 12" @ 0.50% T.B.F. = 0.3 CU. YD.
- 48 18' - STORM SEW CL A 2, 12" @ 0.50% T.B.F. = 3.6 CU. YD.
- 49 67' - STORM SEW CL A 2, 18" @ 0.75% T.B.F. = 13.1 CU. YD.
- 50 17' - STORM SEW CL A 2, 12" @ 0.50% T.B.F. = 3.6 CU. YD.
- 51 75' - STORM SEW WM REQ, 24" @ 0.75% T.B.F. = 19.4 CU. YD.
- 52 93' - STORM SEW WM REQ, 18" @ 0.50% T.B.F. = 6.9 CU. YD.
- 1 STA. 459+89, 48.9' LT. FIRE HYDNT & VAL MVD

- NOTES**
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  - FOR RIPRAP CLASSIFICATION, SEE EROSION AND SEDIMENT CONTROL SHEETS.
  - STRUCTURES CALLED OFF WITH "RD" ARE RESTRICTED DEPTH STRUCTURES THAT WILL REQUIRE A FLAT SLAB TOP.



EX ELEVATION 794.08	PR PGL ELEVATION 796.19	LT SWALE ELEVATION 795.61	793.78	795.84	793.78	795.52	793.56	795.37	793.73	795.42	794.65	795.62	794.71	795.70	794.93	795.62	795.21	795.39	795.73	795.14	795.78	794.97	795.04	794.97	
454+50	455+00	455+50	456+00	456+50	457+00	457+50	458+00	458+50	459+00	459+50	460+00														



USER NAME = eds	DESIGNED = MJP	REVISED =
FILE NAME = ...2189-shb-arain05.dgn	DRAWN = MJP	REVISED =
PLDT SCRLC = 2R.0028 / /	CHECKED = DNM	REVISED =
PLDI DATE = 2/2/2012	DATE = 02/06/12	REVISED =

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

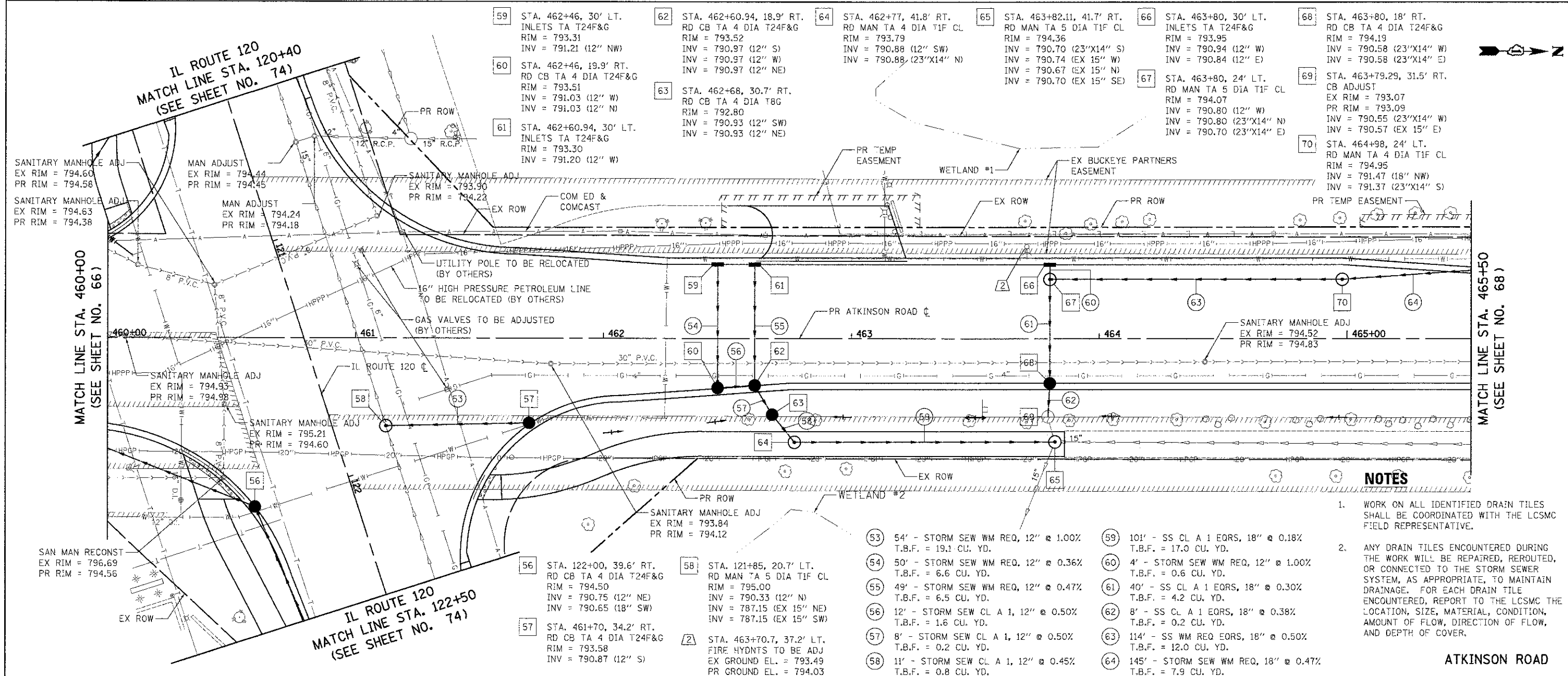
**ATKINSON ROAD  
DRAINAGE & UTILITIES**

SCALE: 1" = 20' SHEET NO. 5 OF 15 SHEETS STA. 454+50 TO STA. 460+00

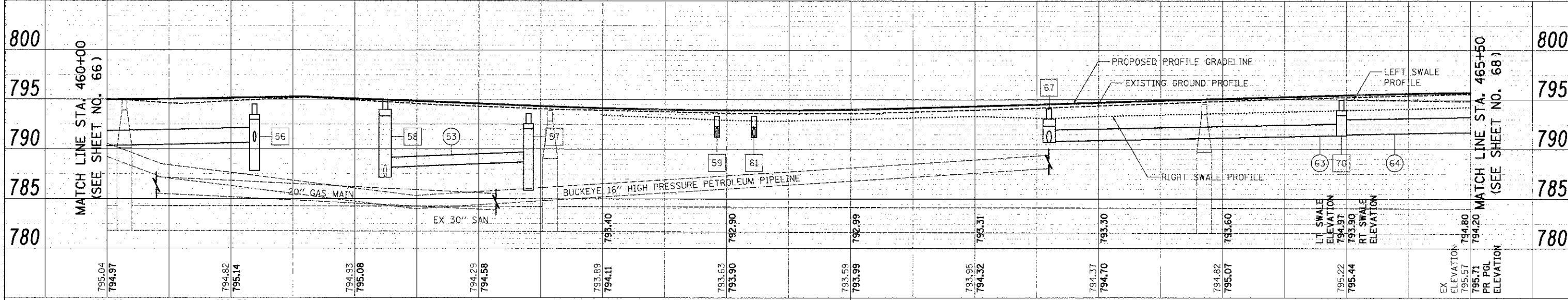
F.A.U. R/E. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 66
CONTRACT NO. 63640			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

DATE: 8/1/12  
 SURVEYOR: J. J. JENSEN  
 PROJECT: IL ROUTE 120  
 SHEET: 6 OF 15  
 DRAWN: MJP  
 CHECKED: DNM  
 DATE: 02/06/12

DATE: 8/1/12  
 SURVEYOR: J. J. JENSEN  
 PROJECT: IL ROUTE 120  
 SHEET: 6 OF 15  
 DRAWN: MJP  
 CHECKED: DNM  
 DATE: 02/06/12



- NOTES**
- WORK ON ALL IDENTIFIED DRAIN TILES SHALL BE COORDINATED WITH THE LCSMC FIELD REPRESENTATIVE.
  - ANY DRAIN TILES ENCOUNTERED DURING THE WORK WILL BE REPAIRED, ROUTED, OR CONNECTED TO THE STORM SEWER SYSTEM, AS APPROPRIATE, TO MAINTAIN DRAINAGE. FOR EACH DRAIN TILE ENCOUNTERED, REPORT TO THE LCSMC THE LOCATION, SIZE, MATERIAL, CONDITION, AMOUNT OF FLOW, DIRECTION OF FLOW, AND DEPTH OF COVER.



460+00	460+50	461+00	461+50	462+00	462+50	463+00	463+50	464+00	464+50	465+00	465+50
795.04 794.97	794.82 795.14	794.93 795.08	794.29 794.58	793.89 794.11	793.63 793.90	793.59 793.99	793.95 794.32	794.37 794.70	794.82 795.07	795.22 795.44	794.80 795.57
<p>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</p> <p>ATKINSON ROAD          DRAINAGE &amp; UTILITIES</p> <p>SCALE: 1" = 20'    SHEET NO. 6 OF 15 SHEETS    STA. 460+00 TO STA. 465+50</p>											



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 PLOT SCALE: 20.0000 / 1 in.  
 PLOT DATE: 2/2/2012

DESIGNED: MJP  
 DRAWN: MJP  
 CHECKED: DNM  
 DATE: 02/06/12

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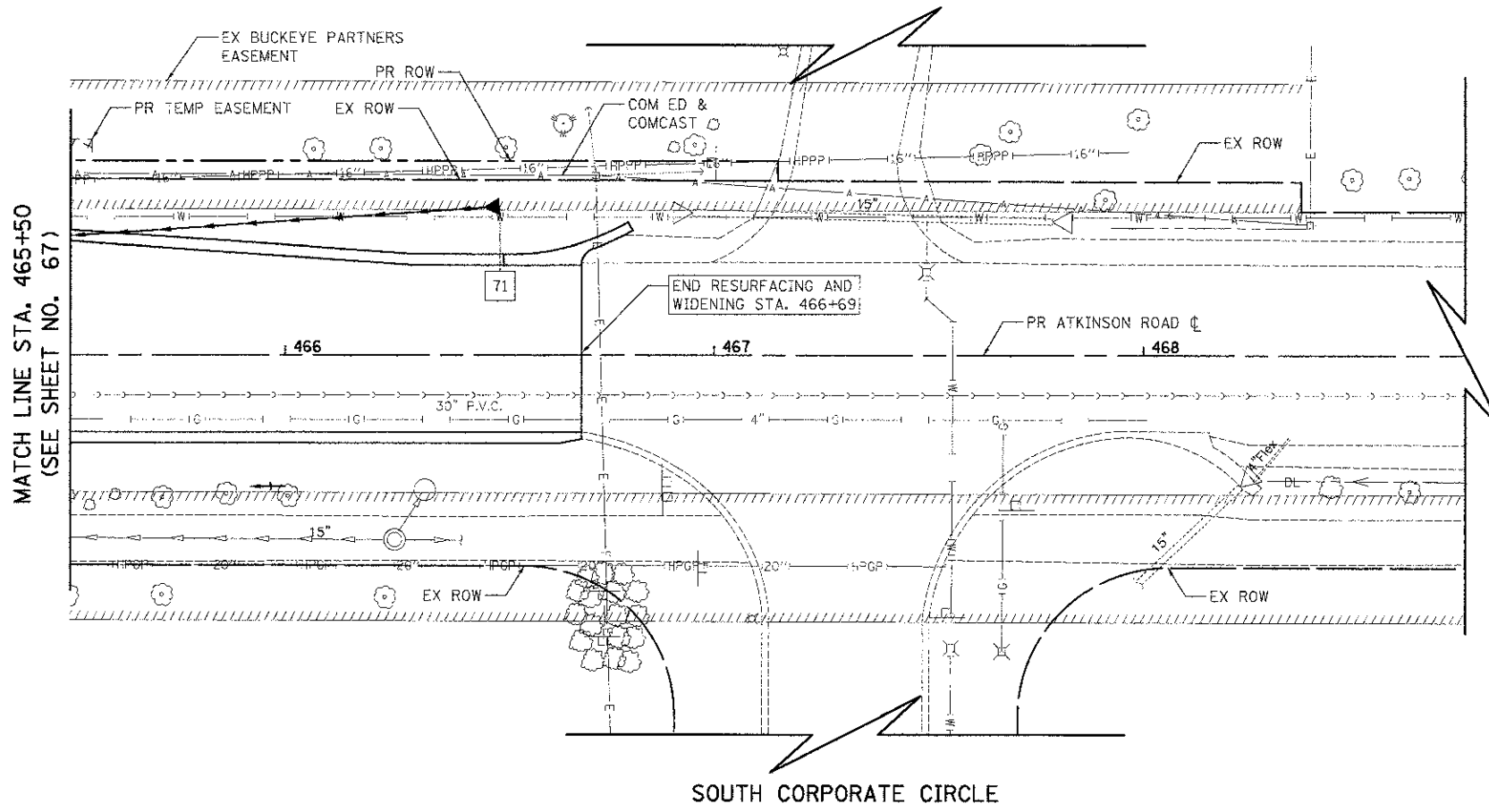
F.A.U. R.T.E.: 198  
 SECTION: 00-00045-00-PV  
 COUNTY: LAKE  
 TOTAL SHEET NO.: 195  
 SHEETS NO.: 67  
 CONTRACT NO.: 63640

71 STA. 466+50, 34.6' LT.  
 PRC FLAR END SEC 18"  
 INV = 792.15 (18" SE)



DATE	
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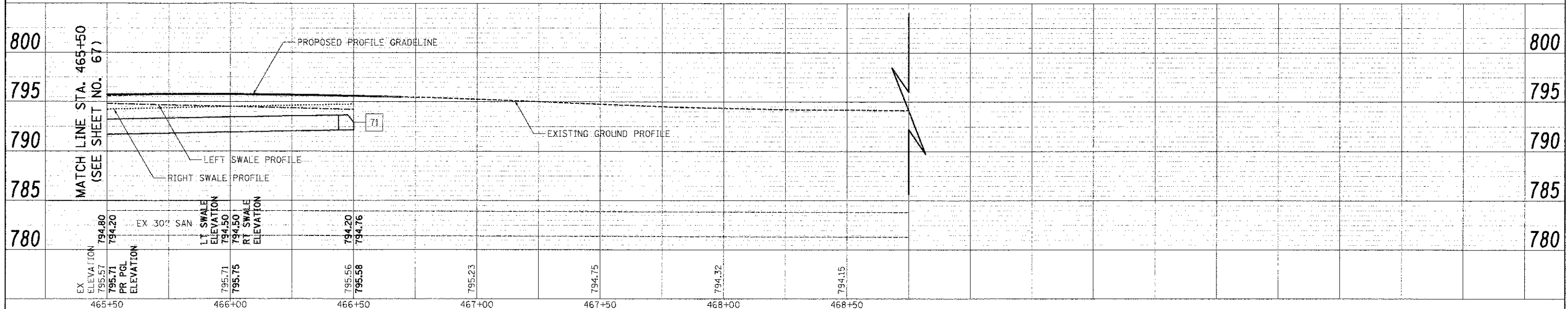
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**NOTES**

1. THE STATION AND OFFSET CALL-OUT FOR FLARED END SECTIONS IS MEASURED FROM THE TOE.
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ATKINSON ROAD



USFR NAME	- eds	DESIGNED	- MJP	REVISED	-
FILE NAME	- ...2159-sh1-drain07.dgn	DRAWN	- MJP	REVISED	-
PLOT SCALE	- 20.0000 / 1"	CHECKED	- DNM	REVISED	-
PLOT DATE	- 2/2/2012	DATE	- 02/06/12	REVISED	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

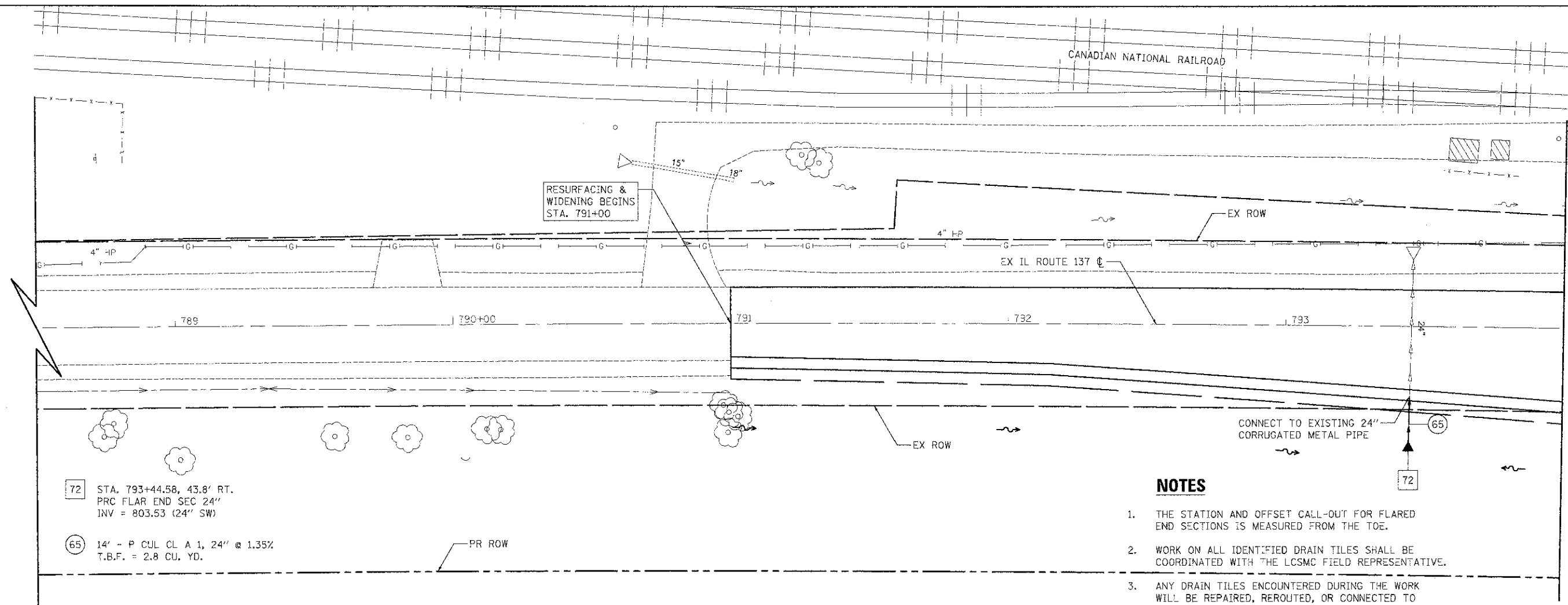
SCALE: 1" = 20'	SHEET NO. 7 OF 15 SHEETS	STA. 465+50 TO STA. 466+69
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	68
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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 NO. 93 BOOK  
 NO. 94 BOOK  
 NO. 95 BOOK  
 NO. 96 BOOK  
 NO. 97 BOOK  
 NO. 98 BOOK  
 NO. 99 BOOK  
 NO. 100 BOOK

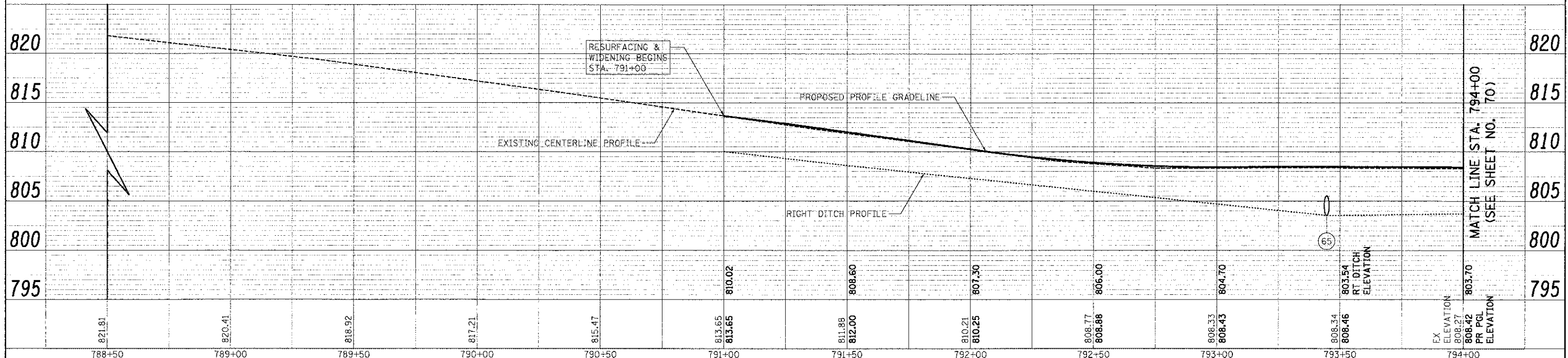


72 STA. 793+44.58, 43.8' RT.  
 PRC FLAR END SEC 24"  
 INV = 803.53 (24" SW)  
 65 14' - P CUL CL A 1, 24" @ 1.35%  
 T.B.F. = 2.8 CU. YD.

- NOTES**
1. THE STATION AND OFFSET CALL-OUT FOR FLARED END SECTIONS IS MEASURED FROM THE TOE.
  2. WORK ON ALL IDENTIFIED DRAIN TILES SHALL BE COORDINATED WITH THE LCSMC FIELD REPRESENTATIVE.
  3. ANY DRAIN TILES ENCOUNTERED DURING THE WORK WILL BE REPAIRED, REROUTED, OR CONNECTED TO THE STORM SEWER SYSTEM, AS APPROPRIATE, TO MAINTAIN DRAINAGE. FOR EACH DRAIN TILE ENCOUNTERED, REPORT TO THE LCSMC THE LOCATION, SIZE, MATERIAL, CONDITION, AMOUNT OF FLOW, DIRECTION OF FLOW, AND DEPTH OF COVER.
  4. SEE DETAIL "B" OF STANDARD BD-7 (DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER) FOR COLLAR DETAILS.

MATCH LINE STA. 794+00  
(SEE SHEET NO. 70)

IL ROUTE 137



MATCH LINE STA. 794+00  
(SEE SHEET NO. 70)



USER NAME = eds  
 FILE NAME = \\2199-shr-draw-08.dgn  
 PLOT SCALE = 20.0000' / 1"  
 PLOT DATE = 2/2/2012  
 DESIGNED - MJP  
 DRAWN - MJP  
 CHECKED - DNM  
 DATE - 02/06/12  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

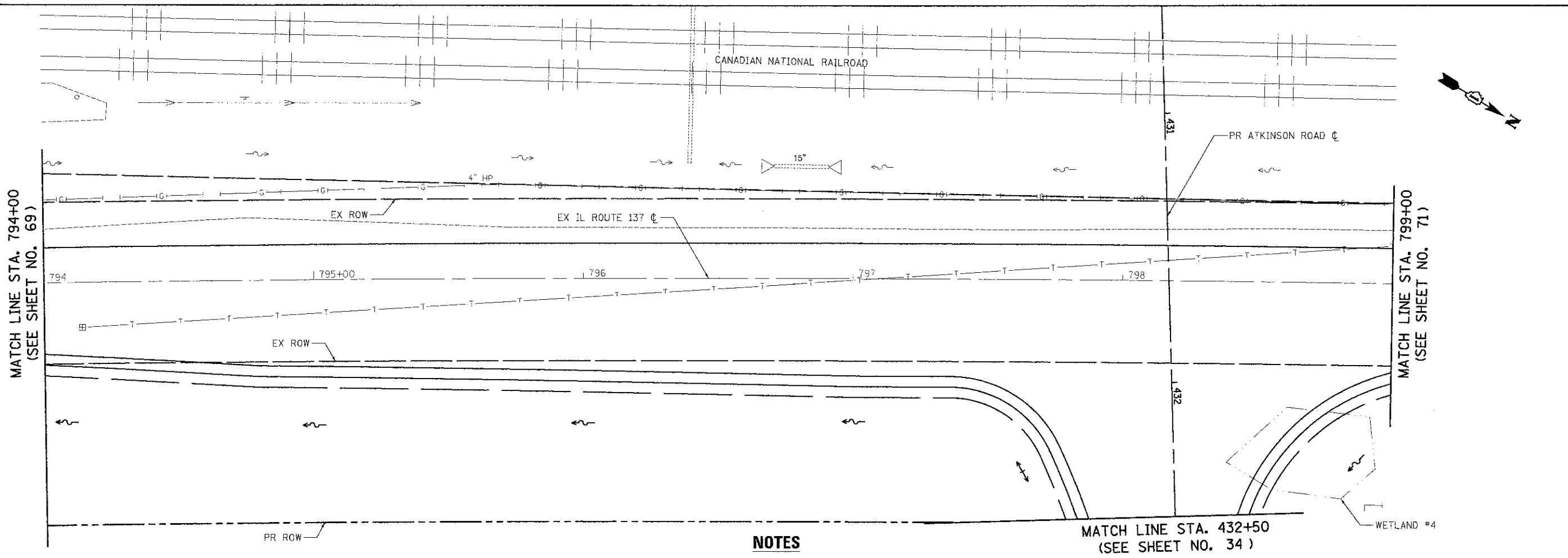
IL ROUTE 137  
 DRAINAGE AND UTILITIES

SCALE: 1" = 20'  
 SHEET NO. 8 OF 15 SHEETS : STA. 791+00 TO STA. 794+00

F.A.U. RTE. 198 SECTION 00-00045-00-PV COUNTY LAKE TOTAL SHEETS 195 SHEET NO. 69  
 CONTRACT NO. 63640  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DATE	
BY	
PROJECT NO.	
PLI DATE	
ALIGNED CHECKED	
NOTED	
NO. OF BOOK	
NO.	

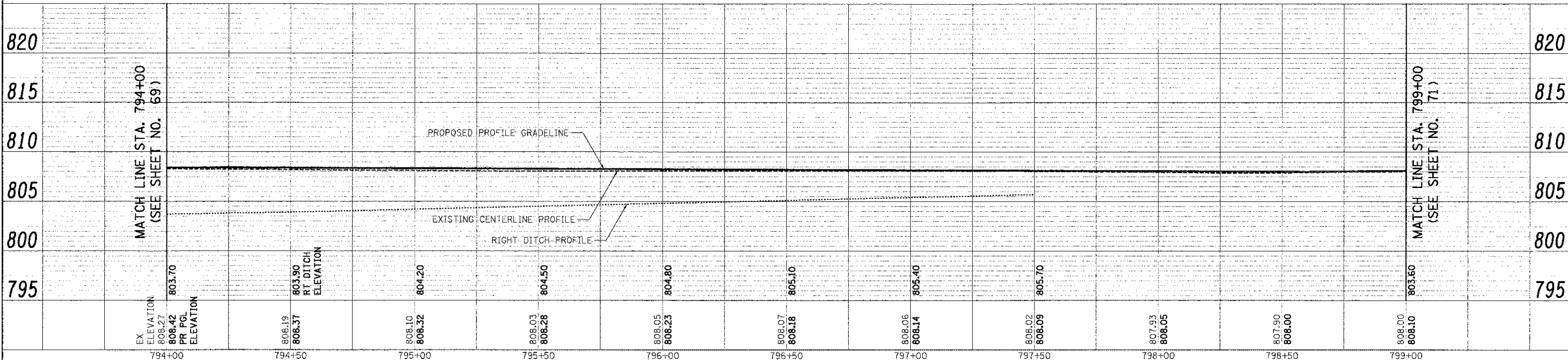
DATE	
BY	
PROJECT NO.	
PLI DATE	
ALIGNED CHECKED	
NOTED	
NO. OF BOOK	
NO.	



**NOTES**

1. WORK ON ALL IDENTIFIED DRAIN TILES SHALL BE COORDINATED WITH THE LCSMC FIELD REPRESENTATIVE.
2. ANY DRAIN TILES ENCOUNTERED DURING THE WORK WILL BE REPAIRED, REROUTED, OR CONNECTED TO THE STORM SEWER SYSTEM, AS APPROPRIATE, TO MAINTAIN DRAINAGE. FOR EACH DRAIN TILE ENCOUNTERED, REPORT TO THE LCSMC THE LOCATION, SIZE, MATERIAL, CONDITION, AMOUNT OF FLOW, DIRECTION OF FLOW, AND DEPTH OF COVER.

IL ROUTE 137



EX ELEVATION	808.27	803.70	808.19	808.37	808.42	808.10	808.32	808.03	808.28	808.05	808.23	808.07	808.18	808.06	808.14	808.02	808.09	807.93	808.05	807.90	808.00	808.00	808.10	
PR PGL ELEVATION																								
RT DITCH ELEVATION			803.90			804.20		804.50		804.80		805.10		805.40		805.70							803.60	
STATION	794+00	794+50	795+00	795+50	796+00	796+50	797+00	797+50	798+00	798+50	799+00													



USLR NAME	= eds	DESIGNED	= MJP	REVISED	=
FILE NAME	= ... \2189-shb drain09.dgn	DRAWN	= MJP	REVISED	=
PLDI SCALE	= 20.0000' / 1"	CHECKED	= DNM	REVISED	=
PLDI DATE	= 2/2/2012	DATE	= 02/06/12	REVISED	=

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL ROUTE 137  
DRAINAGE AND UTILITIES

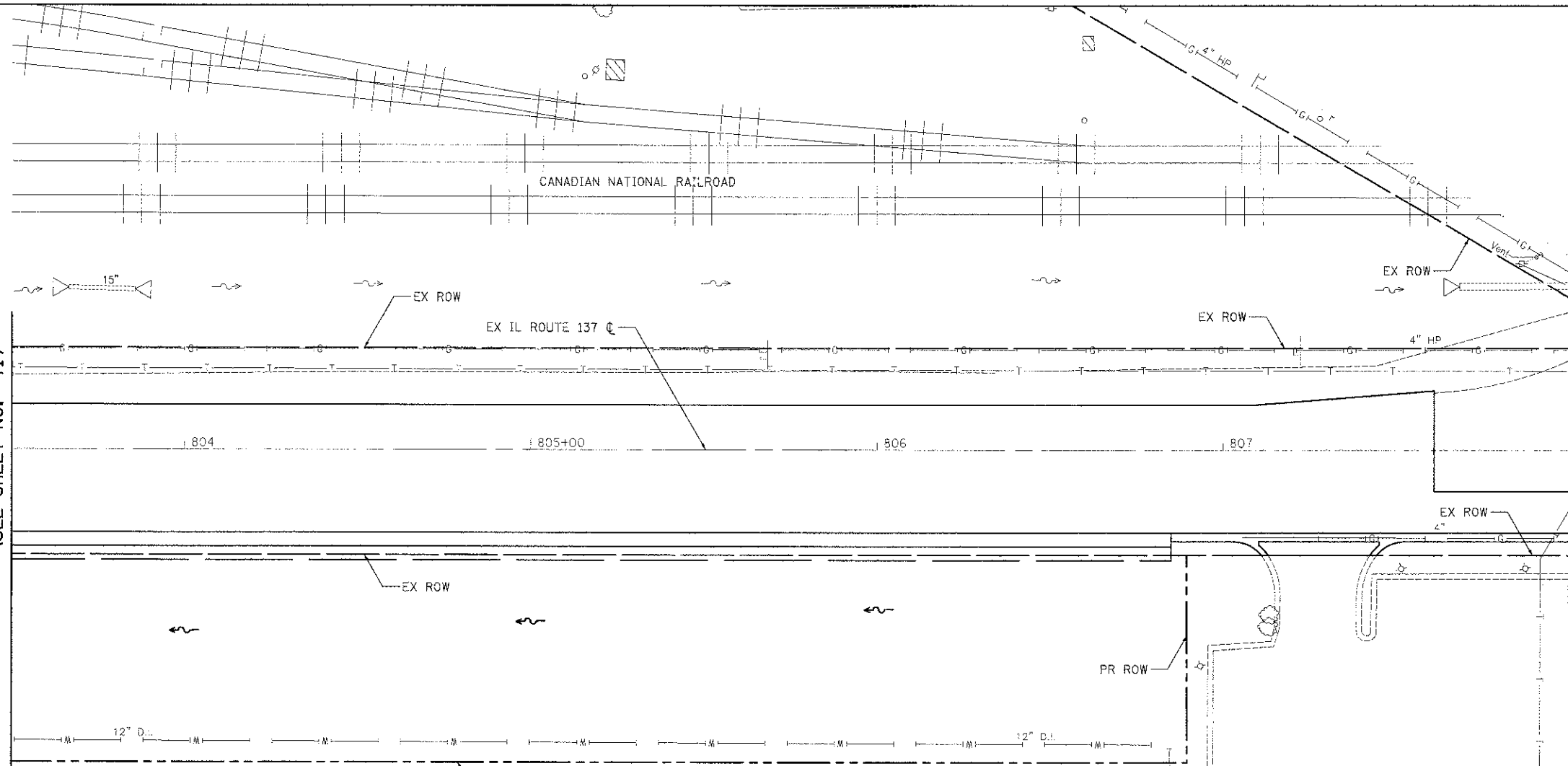
SCALE: 1" = 20' SHEET NO. 9 OF 15 SHEETS STA. 794+00 TO STA. 799+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	70
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				



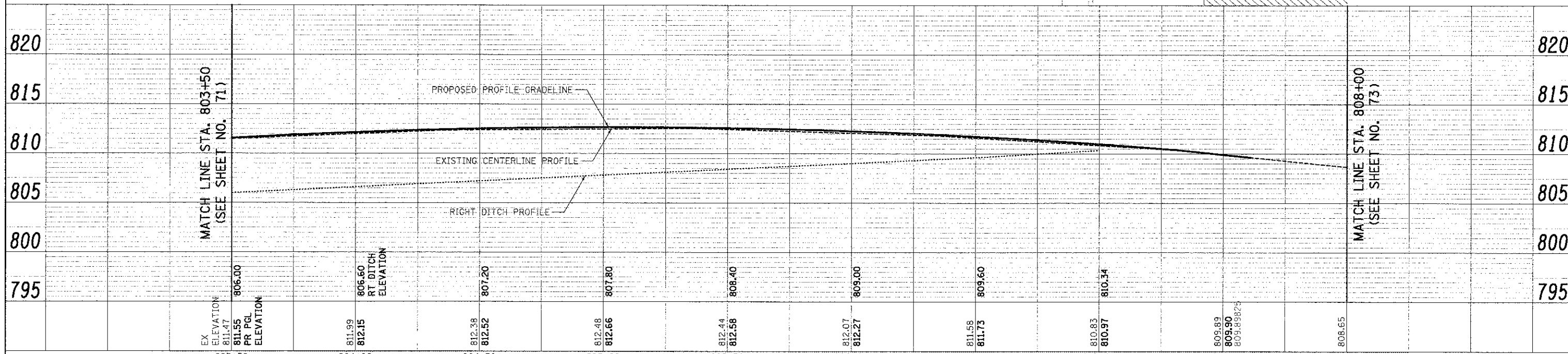
PI AN	DATE
BY	DATE
REVISIONS	
NO.	DATE
1	
2	
3	
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PROF. I.E.	DATE
BY	DATE
REVISIONS	
NO.	DATE
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	



**NOTES**

1. WORK ON ALL IDENTIFIED DRAIN TILES SHALL BE COORDINATED WITH THE LCSMC FIELD REPRESENTATIVE.
2. ANY DRAIN TILES ENCOUNTERED DURING THE WORK WILL BE REPAIRED, REROUTED, OR CONNECTED TO THE STORM SEWER SYSTEM, AS APPROPRIATE, TO MAINTAIN DRAINAGE. FOR EACH DRAIN TILE ENCOUNTERED, REPORT TO THE LCSMC THE LOCATION, SIZE, MATERIAL, CONDITION, AMOUNT OF FLOW, DIRECTION OF FLOW, AND DEPTH OF COVER.



USER NAME = ods	DESIGNED = MJP	REVISED
FILE NAME = ...2189 ant-drain11.dgn	DRAWN = MJP	REVISED
PLOT SCALE = 20.0000' / 1"	CHECKED = DNM	REVISED
PLOT DATE = 2/2/2012	DATE = 02/06/12	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 137  
DRAINAGE AND UTILITIES**

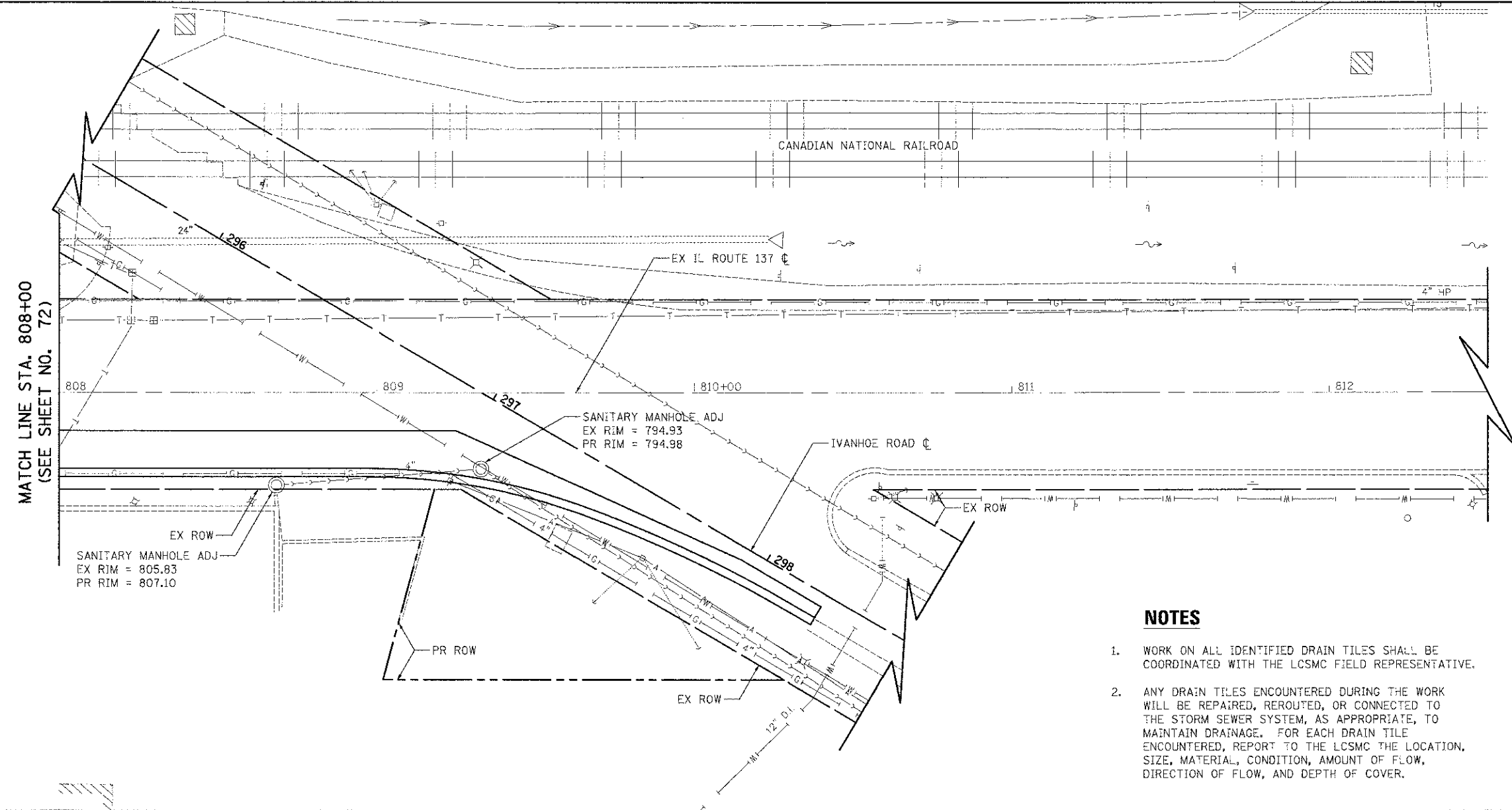
SCALE: 1" = 20' SHEET NO. 11 OF 15 SHEETS STA. 803+50 TO STA. 808+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	72
CONTRACT NO. 63640				

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

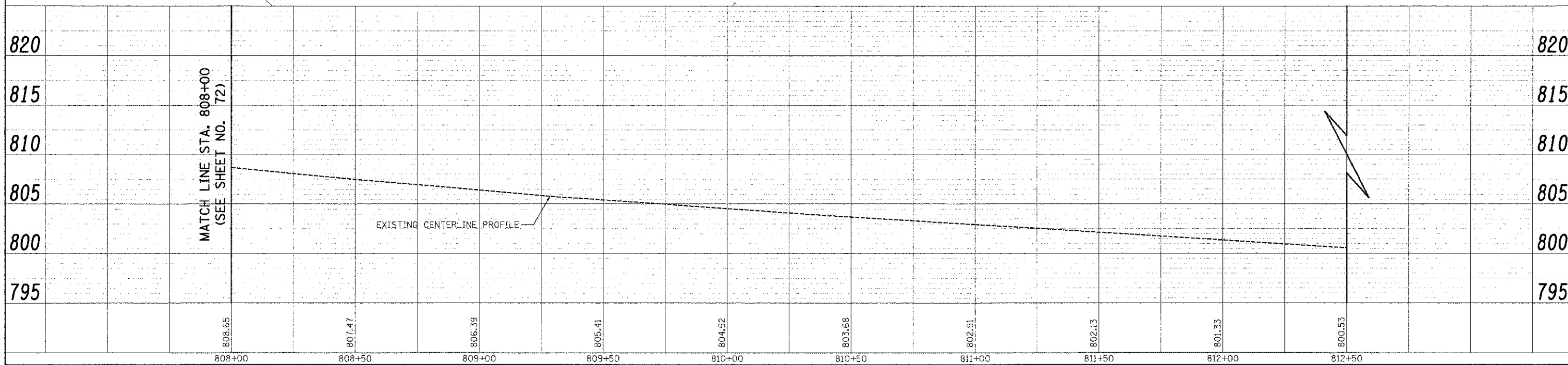
PLAN	DATE
NO. OF HOURS	BY
NO. OF DAYS CHECKED	DATE
NO. OF DAYS CALCULATED	
NO. OF DAYS IN FIELD	

PROJ. FILE	DATE
NO. OF SHEETS	BY
NO. OF SHEETS CHECKED	
NO. OF SHEETS IN FIELD	
NO. OF SHEETS CALCULATED	



**NOTES**

1. WORK ON ALL IDENTIFIED DRAIN TILES SHALL BE COORDINATED WITH THE LCSMC FIELD REPRESENTATIVE.
2. ANY DRAIN TILES ENCOUNTERED DURING THE WORK WILL BE REPAIRED, REROUTED, OR CONNECTED TO THE STORM SEWER SYSTEM, AS APPROPRIATE, TO MAINTAIN DRAINAGE. FOR EACH DRAIN TILE ENCOUNTERED, REPORT TO THE LCSMC THE LOCATION, SIZE, MATERIAL, CONDITION, AMOUNT OF FLOW, DIRECTION OF FLOW, AND DEPTH OF COVER.



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PROJECT SCALE = 20:1	CHECKED = DNM	REVISED =
PLOT DATE = 2/2/2012	DATE = 02/06/12	REVISED =

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL ROUTE 137 DRAINAGE AND UTILITIES</b>	
SCALE: 1" = 20'	SHEET NO. 12 OF 15 SHEETS
STA. 808+00	TO STA. 810+56.65

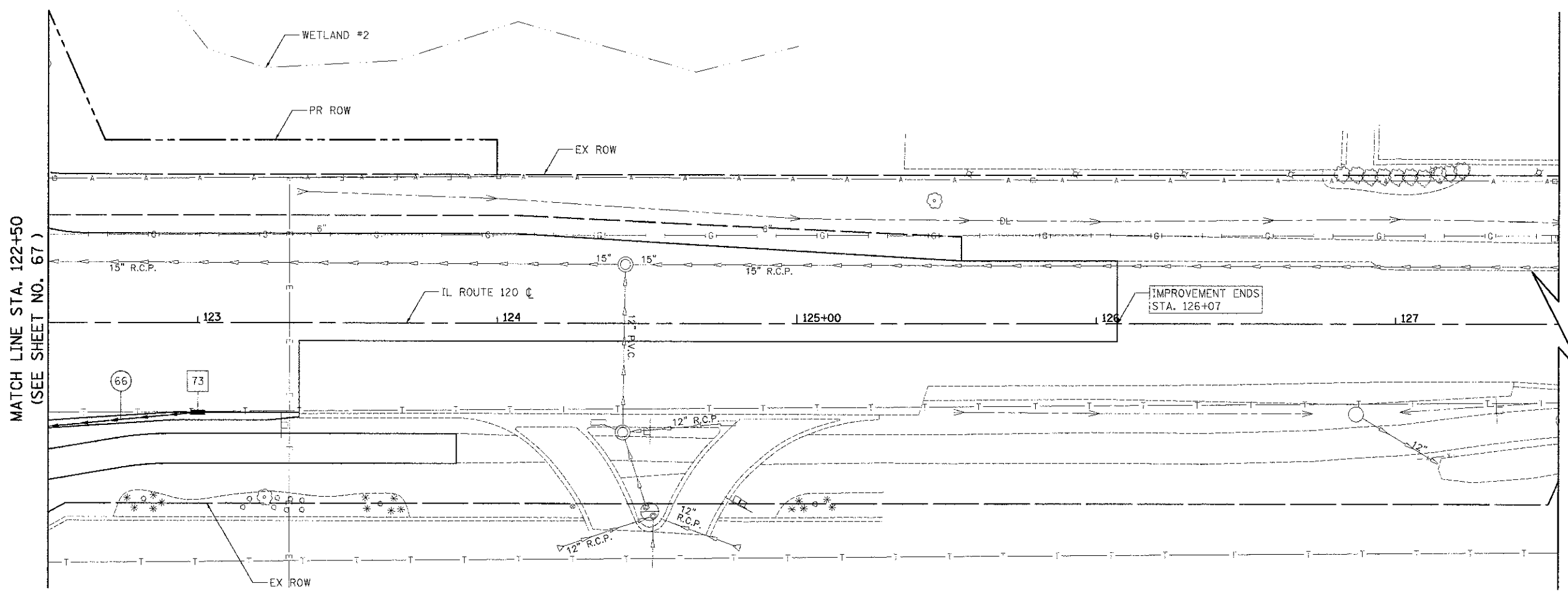
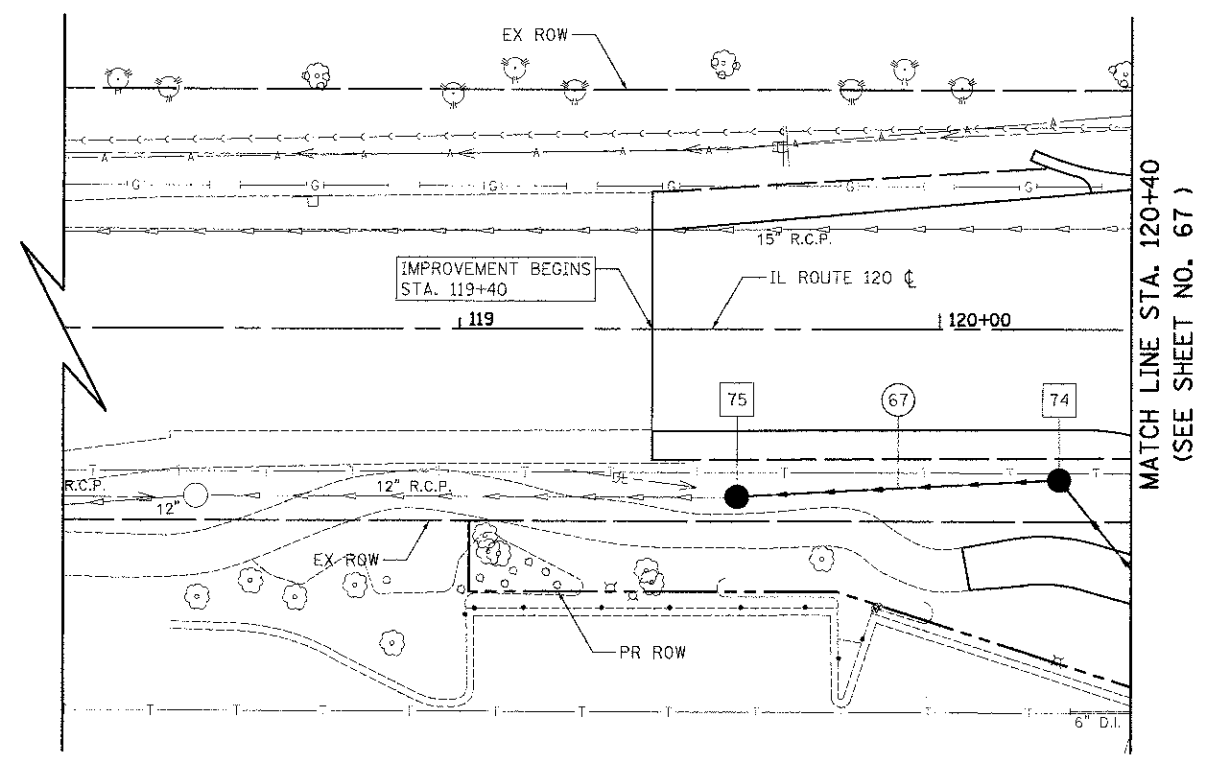
F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 73
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**NOTES**

1. WORK ON ALL IDENTIFIED DRAIN TILES SHALL BE COORDINATED WITH THE LCSMC FIELD REPRESENTATIVE.
2. ANY DRAIN TILES ENCOUNTERED DURING THE WORK WILL BE REPAIRED, REROUTED, OR CONNECTED TO THE STORM SEWER SYSTEM, AS APPROPRIATE, TO MAINTAIN DRAINAGE. FOR EACH DRAIN TILE ENCOUNTERED, REPORT TO THE LCSMC THE LOCATION, SIZE, MATERIAL, CONDITION, AMOUNT OF FLOW, DIRECTION OF FLOW, AND DEPTH OF COVER.
3. STRUCTURES CALLED OFF WITH "RD" ARE RESTRICTED DEPTH STRUCTURES THAT WILL REQUIRE A FLAT SLAB TOP.

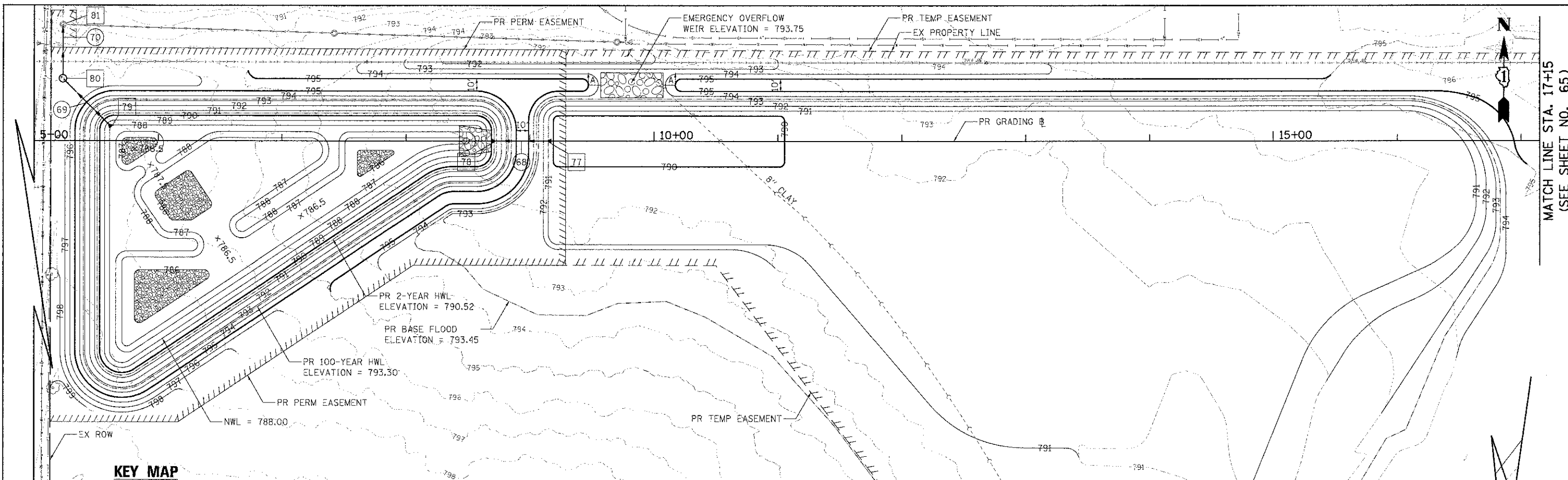


- 73 STA. 123+00, 30' RT.  
INLETS TA T24F&G  
RIM = 795.00  
INV = 791.24 (12" SW)
- 74 STA. 120+25, 31.6' RT.  
RD CB TA 5 DIA T8G  
RIM = 793.60  
INV = 789.02 (24" SE)  
INV = 789.02 (24" SW)
- 75 STA. 119+57.81, 35.1' RT.  
RD CB TA 5 DIA T8G  
RIM = 792.50  
INV = 788.55 (24" NE)  
INV = 788.50 (EX 12" SW)
- 66 98' - STORM SEW CL A 1, 12" @ 0.50%  
T.B.F. = 13.0 CU. YD.
- 67 63' - STORM SEW CL A 1, 24" @ 0.75%  
T.B.F. = 0.0 CU. YD.



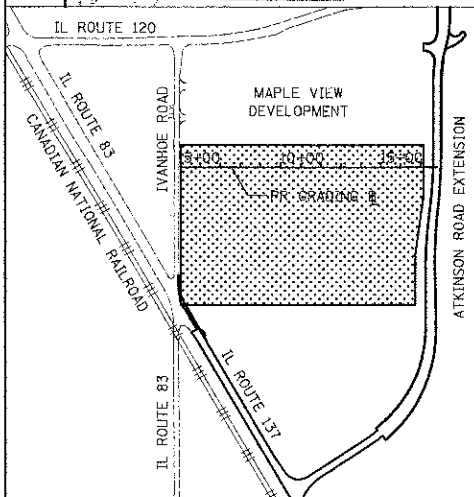
IL ROUTE 120

	USER NAME : jeds	DESIGNED : JSM	REVISED : -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>IL ROUTE 120</b> <b>DRAINAGE &amp; UTILITIES</b></p>	F.A.U. RTE. : 198	SECTION : 00-00045-00-PV	COUNTY : LAKE	TOTAL SHEETS : 195	SHEET NO. : 74
	PLOT SCALE : 28,00000 / 1 in. PLOT DATE : 2/2/2012	DRAWN : JSM CHECKED : DNM DATE : 02/06/12	REVISED : - REVISED : - REVISED : - REVISED : -			SCALE : 1/20X SHEET NO. 13 OF 15 SHEETS STA. 199+40 TO STA. 126+07	CONTRACT NO. 63640 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



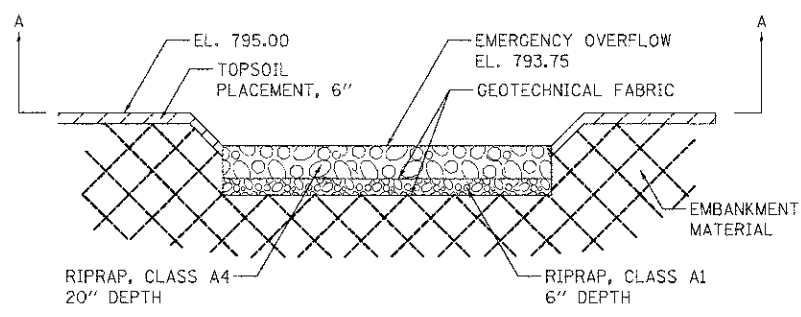
MATCH LINE STA. 17+15  
(SEE SHEET NO. 65)

**KEY MAP**



Pond Elevation (FT)	Pond Area (ACRES)	Storage Volume (AC-FT)	Discharge Orifice 01 (CFS)	Discharge Orifice 02 (CFS)	Total Discharge (CFS)	Storm Event
786.00	0.07121	0	0	0	0	
786.50	0.19358	0.064	0	0	0	
787.00	0.37590	0.204	0	0	0	
787.50	0.52455	0.428	0	0	0	
788.00	0.69793	0.732	0	0	0	NWL
788.50	0.73728	1.091	0.49	0	0.49	
789.00	0.77771	1.470	0.96	0	0.96	
789.50	0.81823	1.869	1.25	0	1.25	
790.00	0.85978	2.288	1.48	0	1.48	
790.50	0.90149	2.728	1.68	0	1.68	
790.52	0.90366	2.761	1.69	0	1.69	2-YEAR
791.00	0.94417	3.190	1.86	0.69	2.55	
791.50	0.98705	3.673	2.03	3.24	5.27	
792.00	1.03088	4.177	2.18	7.14	9.32	
792.50	1.07493	4.703	2.32	11.65	13.97	
793.00	1.11988	5.252	2.45	14.18	16.63	
793.30	1.14728	5.597	2.53	15.50	18.03	100-YEAR
793.50	1.16509	5.823	2.58	16.32	18.90	
794.00	1.21120	6.417	2.70	18.22	20.92	
794.50	1.25756	7.034	2.81	19.93	22.74	
795.00	1.30482	7.675	2.93	21.51	24.44	

- 77 STA. 9+17.3, 0.0' LT. PRC FLAR END SEC 42" INV = 790.30 (42" W) 32' - P CUL CL A 1, 42" @ 0.90% 70 39' - STORM SEW CL A 2, 36" @ 0.50% T.B.F. = 0.0 CU. YD. T.B.F. = 0.0 CU. YD.
- 78 STA. 8+69, 0.0' LT. PRC FLAR END SEC 42" INV = 789.87 (42" E) 44' - STORM SEW CL A 2, 36" @ 1.00% T.B.F. = 0.0 CU. YD.
- 79 STA. 5+61.3, 12.2' LT. PRC FLAR END SEC 36" INV = 788.00 (36" NW)
- 80 STA. 5+23.2, 50.4' LT. MH TA 6D W/2 TIFCL RESTRICTOR PLATE RIM 1 & 2 = 796.00 INV = 787.48 (36" SE) INV = 788.00 (36" N)
- 81 STA. 5+23.2, 93.8' LT. EXISTING BOX INLET EX RIM = 791.90 EX INV = 787.80 (EX 12" E) EX INV = 787.80 (EX 36" N) PR INV = 787.80 (36" S)
- NOTES**
- FOR STRUCTURE 80, SEE MANHOLE WITH RESTRICTOR PLATE DETAIL ON SHEET 131.
  - EMBANKMENT MATERIAL USED FOR THE CONSTRUCTION OF THE POND SHALL BE CLAY MATERIAL ONLY AS APPROVED BY THE ENGINEER TO PREVENT EXCESSIVE PERMEATION OF WATER.
  - THE STATION AND OFFSET CALL-OUT FOR FLARED END SECTIONS IS MEASURED FROM THE TOE.
  - WORK ON ALL IDENTIFIED DRAIN TILES SHALL BE COORDINATED WITH THE LCSMC FIELD REPRESENTATIVE.
  - ANY DRAIN TILES ENCOUNTERED DURING THE WORK WILL BE REPAIRED, REROUTED, OR CONNECTED TO THE STORM SEWER SYSTEM, AS APPROPRIATE, TO MAINTAIN DRAINAGE. FOR EACH DRAIN TILE ENCOUNTERED, REPORT TO THE LCSMC THE LOCATION, SIZE, MATERIAL, CONDITION, AMOUNT OF FLOW, DIRECTION OF FLOW, AND DEPTH OF COVER.



**WEIR CROSS SECTION**  
(NOT TO SCALE)



USFR NAME = eds	DESIGNED - MJP	REVISED -
FILE NAME = ... \2189-sht-chain14.dgn	DRAWN - MJP	REVISED -
PLT SCALE = 48.0000' / 1"	CHECKED - DNM	REVISED -
PLT DATE = 2/2/2012	DATE = 02/06/12	REVISED -

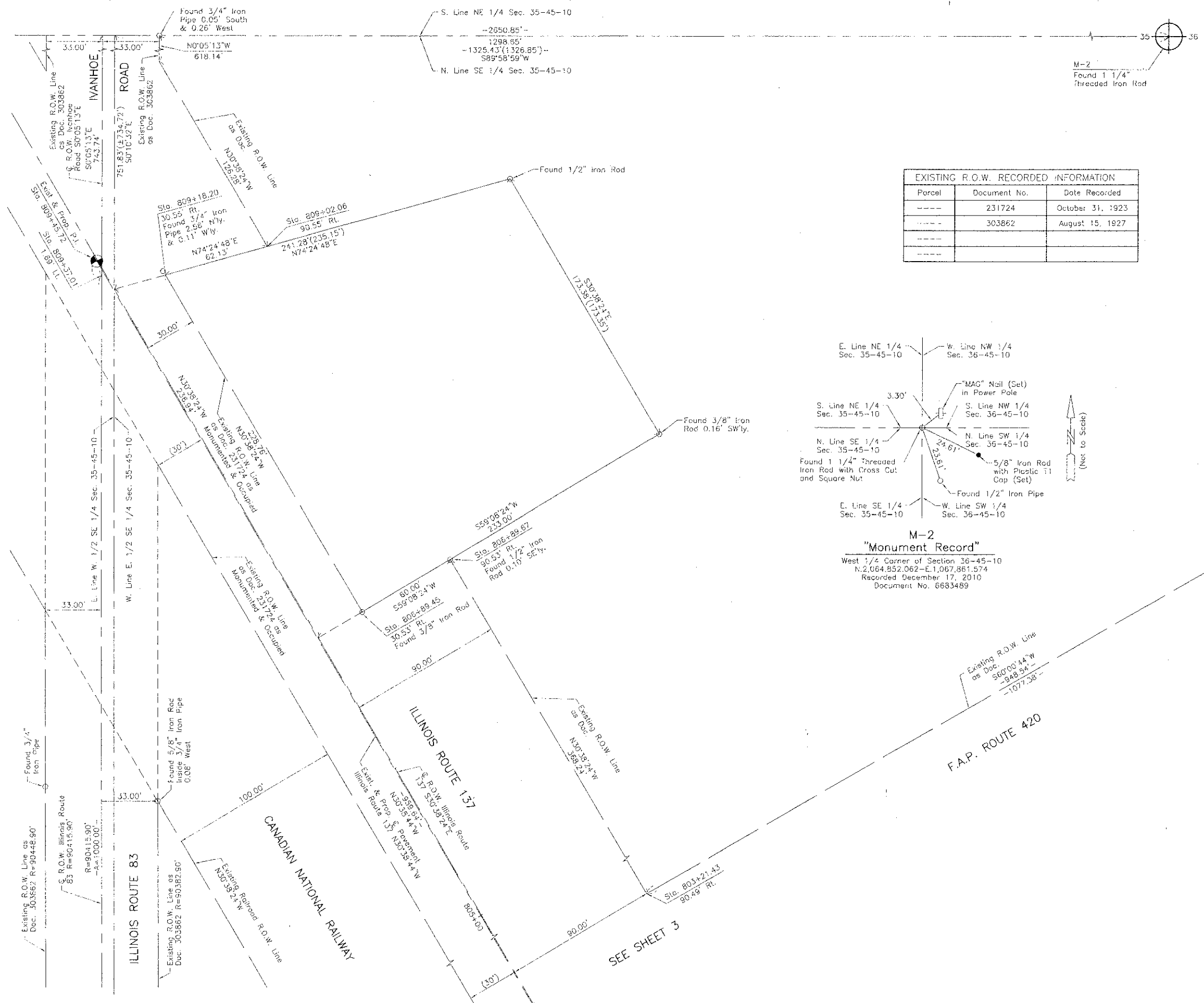
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ATKINSON ROAD**  
**STORM WATER MANAGEMENT PLAN**

SCALE: 1" = 40' SHEET NO. 14 OF 15 SHEETS STA. 5+00 TO STA. 17+15

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 75
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				





### LEGEND

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

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.

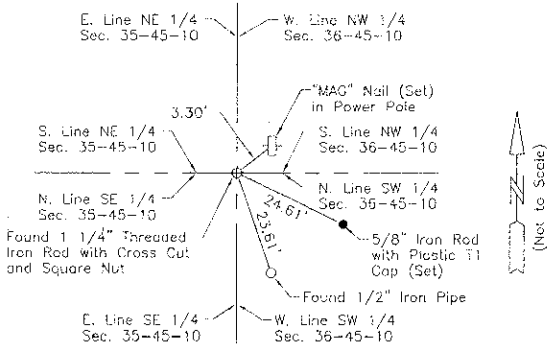
0 IRON PIPE OR ROD FOUND      ⊕ "MAG" NAIL SET  
 + CUT CROSS FOUND OR SET      ● 5/8" REBAR SET

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
 ● 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.

STATE OF ILLINOIS }  
 COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 45N., RANGE 10E., 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 LAKE VILLA, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_ A.D.

Parcel	Document No.	Date Recorded
-----	231724	October 31, 1923
-----	303862	August 15, 1927
-----		
-----		



Note: Surface Coordinates are Shown

STATION	OFFSET	NORTH	EAST
803+21.43	90.49' Rt.	2,063,625.317	1,066,924.140
806+89.45	30.53' Rt.	2,063,911.371	1,066,684.961
806+89.47	35.62' Rt.	2,063,913.982	1,066,689.332
809+02.06	90.55' Rt.	2,064,124.884	1,066,628.224
809+18.20	30.55' Rt.	2,064,108.189	1,066,568.377
809+37.01	1.69' Ll.	2,064,107.934	1,066,531.655

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

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.U. 0198 (ATKINSON ROAD EXTENSION)  
 SECTION 00-00045-00-PV      LAKE COUNTY  
 PROJECT      JOB NO. R-91-008-06  
 STATION 803+00      TO STATION 809+45.72  
 SCALE: 1"=30'      SHEET 2 OF 15

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

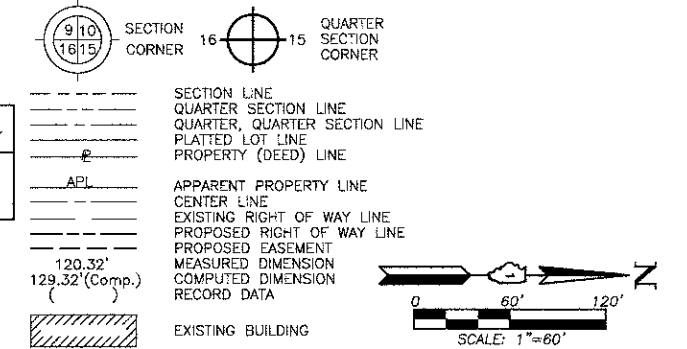
REVISION DATE November 3, 2011

REVISION Eliminated Parcel 1J40003T.E

MADE BY

STATION	OFFSET	NORTH	EAST
444+90.25	61.94' Rt.	2,064,163.809	1,067,857.292
803+21.43	90.49' Rt.	2,063,625.317	1,066,924.140

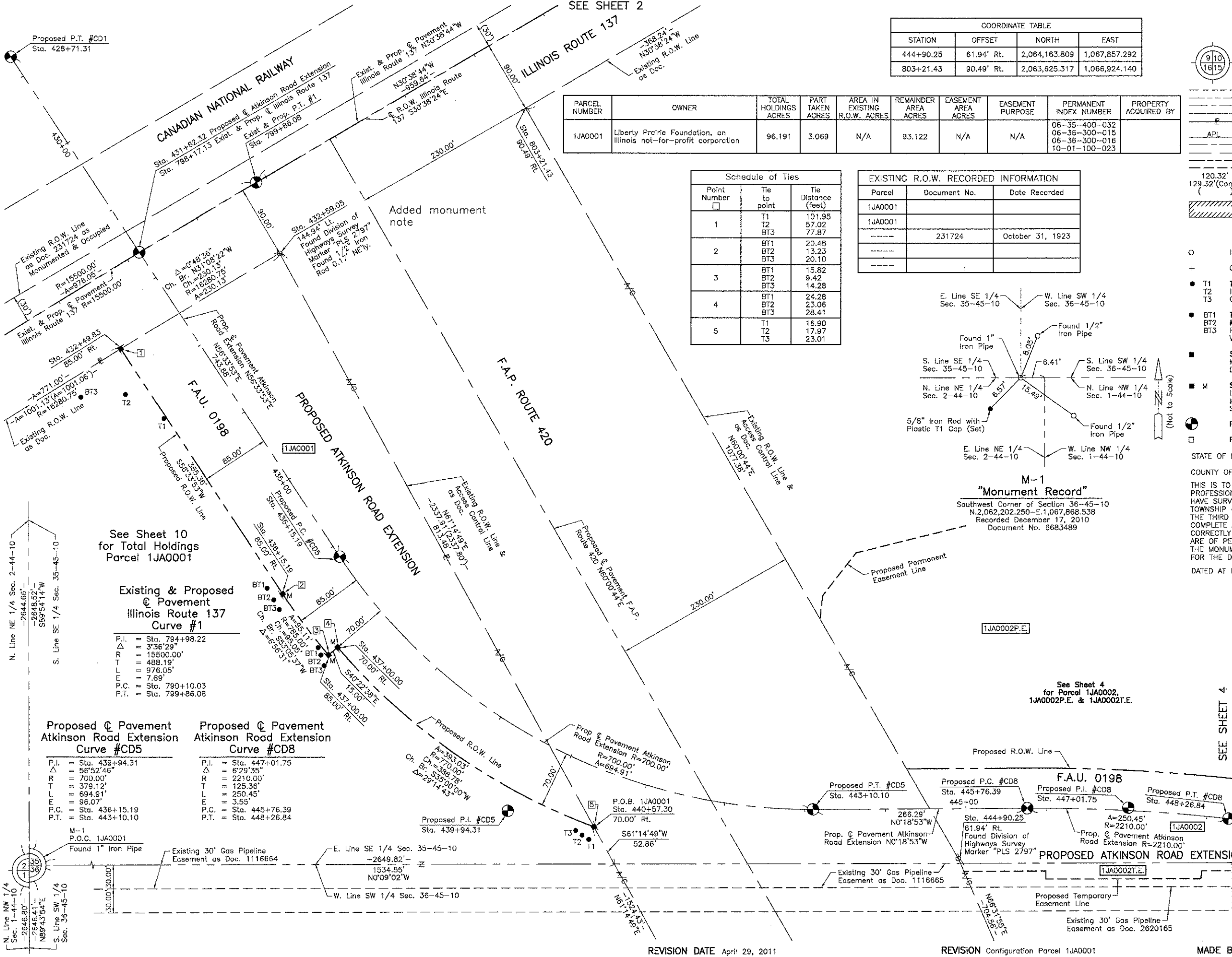
**LEGEND**



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1JA0001	Liberty Prairie Foundation, an Illinois not-for-profit corporation	96.191	3.069	N/A	93.122	N/A	N/A	06-35-400-032 06-36-300-015 06-36-300-016 10-01-100-023	

Point Number	Tie to point	Tie Distance (feet)
1	T1	101.95
	T2	57.02
	T3	77.87
2	BT1	20.48
	BT2	13.23
	BT3	20.10
3	BT1	15.82
	BT2	9.42
	BT3	14.28
4	BT1	24.28
	BT2	23.06
	BT3	28.41
5	T1	16.90
	T2	17.97
	T3	23.01

Parcel	Document No.	Date Recorded
1JA0001		
1JA0001	231724	October 31, 1923



**"Monument Record"**  
 Southwest Corner of Section 36-45-10  
 N. 2,062,202.250 - E. 1,067,868.538  
 Recorded December 17, 2010  
 Document No. 6683489

See Sheet 10 for Total Holdings Parcel 1JA0001

**Existing & Proposed Pavement Illinois Route 137 Curve #1**  
 P.I. = Sta. 794+98.22  
 Δ = 3°36'29"  
 R = 15500.00'  
 T = 488.19'  
 L = 976.05'  
 E = 7.69'  
 P.C. = Sta. 790+10.03  
 P.T. = Sta. 799+86.08

**Proposed Pavement Atkinson Road Extension Curve #CD5**  
 P.I. = Sta. 439+94.31  
 Δ = 5°52'46"  
 R = 700.00'  
 T = 379.12'  
 L = 694.91'  
 E = 96.07'  
 P.C. = Sta. 436+15.19  
 P.T. = Sta. 443+10.10

**Proposed Pavement Atkinson Road Extension Curve #CD8**  
 P.I. = Sta. 447+01.75  
 Δ = 6°29'35"  
 R = 2210.00'  
 T = 125.36'  
 L = 250.45'  
 E = 3.55'  
 P.C. = Sta. 445+76.39  
 P.T. = Sta. 448+26.84

PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 Note: Surface Coordinates are Shown

STATION	OFFSET	NORTH	EAST
432+49.83	85.00' Rt.	2,063,123.082	1,067,223.992
432+59.05	144.94' Lt.	2,063,320.053	1,067,104.986
436+15.19	85.00' Rt.	2,063,324.391	1,067,528.883
437+00.00	70.00' Rt.	2,063,392.898	1,067,595.173
437+00.00	85.00' Rt.	2,063,381.471	1,067,604.890
440+57.30	70.00' Rt.	2,063,711.385	1,067,818.166

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

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.U. 0198 (ATKINSON ROAD EXTENSION)  
 SECTION 00-00045-00-PV LAKE COUNTY  
 PROJECT JOB NO. R-91-008-06  
 STATION 428+71.31 TO STATION 448+26.84 (ATKINSON RD.)  
 STATION 796+00 TO STATION 804+00 (ILL. ROUTE 137)  
 SCALE: 1"=60' SHEET 3 OF 15

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

REVISION DATE April 29, 2011

REVISION Configuration Parcel 1JA0001

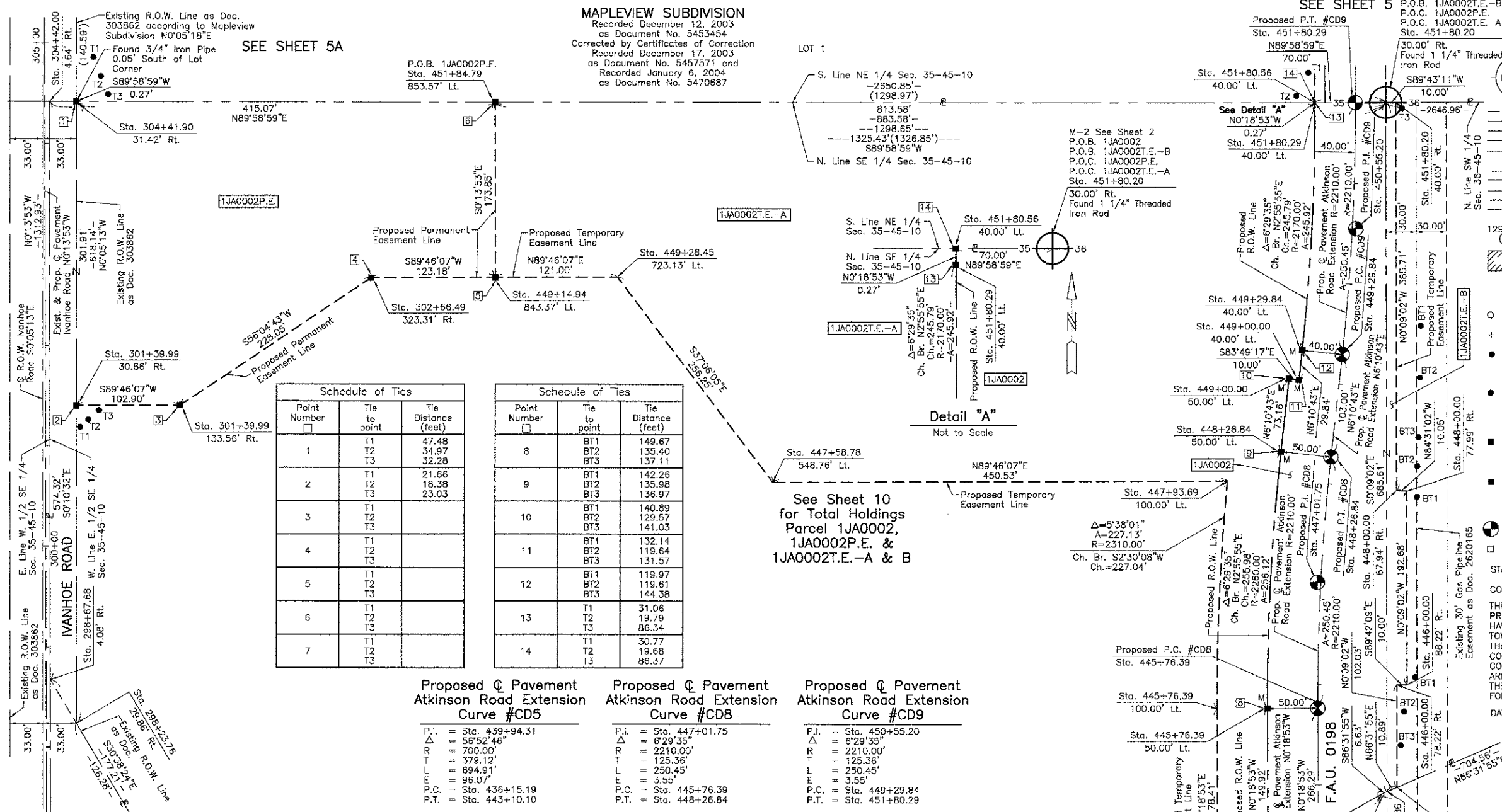
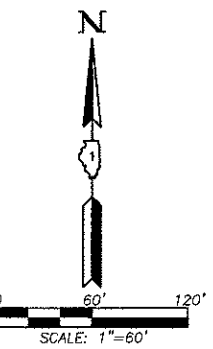
MADE BY

**MAPLEVIEW SUBDIVISION**  
 Recorded December 12, 2003  
 as Document No. 5453454  
 Corrected by Certificates of Correction  
 Recorded December 17, 2003  
 as Document No. 5457571 and  
 Recorded January 6, 2004  
 as Document No. 5470687

SEE SHEET 5  
 SEE SHEET 3

**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.
- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1, T2, T3: THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. 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.
- M: STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8" INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- STATE OF ILLINOIS } SS
- COUNTY OF LAKE }



**Schedule of Ties**

Point Number	Tie to point	Tie Distance (feet)
1	T1	47.48
	T2	34.97
	T3	32.28
2	T1	21.66
	T2	18.38
	T3	23.03
3	T1	
	T2	
	T3	
4	T1	132.14
	T2	119.64
	T3	131.57
5	T1	119.97
	T2	119.61
	T3	144.38
6	T1	31.06
	T2	19.79
	T3	86.34
7	T1	30.77
	T2	19.68
	T3	86.37

**Schedule of Ties**

Point Number	Tie to point	Tie Distance (feet)
8	BT1	149.67
	BT2	135.40
	BT3	137.11
9	BT1	142.26
	BT2	135.98
	BT3	136.97
10	BT1	140.89
	BT2	129.57
	BT3	141.03
11	BT1	132.14
	BT2	119.64
	BT3	131.57
12	BT1	119.97
	BT2	119.61
	BT3	144.38
13	T1	31.06
	T2	19.79
	T3	86.34
14	T1	30.77
	T2	19.68
	T3	86.37

**Proposed @ Pavement Atkinson Road Extension Curve #CD5**

P.I. = Sta. 439+94.31  
 Δ = 55°52'46"  
 R = 700.00'  
 T = 379.12'  
 L = 694.91'  
 E = 96.07'  
 P.C. = Sta. 436+15.19  
 P.T. = Sta. 443+10.10

**Proposed @ Pavement Atkinson Road Extension Curve #CD8**

P.I. = Sta. 447+01.75  
 Δ = 6°29'35"  
 R = 2210.00'  
 T = 125.36'  
 L = 250.45'  
 E = 3.55'  
 P.C. = Sta. 445+76.39  
 P.T. = Sta. 448+26.84

**Proposed @ Pavement Atkinson Road Extension Curve #CD9**

P.I. = Sta. 450+55.20  
 Δ = 6°29'35"  
 R = 2210.00'  
 T = 125.36'  
 L = 250.45'  
 E = 3.55'  
 P.C. = Sta. 449+29.84  
 P.T. = Sta. 451+80.29

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1JA0002 1JA0002P.E. 1JA0002T.E.-A 1JA0002T.E.-B	Prairie Holdings Corporation, an Illinois Corporation	39.479	1.625	N/A	37.854	P.E.=2.239 T.E.-A=6.455 T.E.-B=0.201	Drainage Grading	06-35-400-003 06-35-400-031 06-36-300-014 06-36-300-018 10-01-100-022 10-02-200-003	

EXISTING R.O.W. RECORDED INFORMATION	Parcel	Document No.	Date Recorded
1JA0002	303862	August 15, 1927	
1JA0002			
1JA0002			
	303862	August 15, 1927	

**COORDINATE TABLE**

STATION	OFFSET	NORTH	EAST
304+42.00	4.64' Rt.	2,064,851.672	1,066,536.148
443+97.98	100.00' Lt.	2,064,070.652	1,067,695.861
444+26.47	50.00' Lt.	2,064,099.415	1,067,745.704
444+90.25	61.94' Rt.	2,064,163.809	1,067,857.292
444+92.86	68.04' Rt.	2,064,166.450	1,067,863.376
444+97.14	78.05' Rt.	2,064,170.787	1,067,873.364
445+76.39	50.00' Lt.	2,064,249.332	1,067,744.881
445+76.39	100.00' Lt.	2,064,249.057	1,067,694.881
446+00.00	78.22' Rt.	2,064,272.814	1,067,873.096
446+00.00	88.22' Rt.	2,064,272.762	1,067,883.097
447+58.78	548.76' Lt.	2,064,474.065	1,067,254.269
447+93.69	100.00' Lt.	2,064,475.885	1,067,704.794
448+00.00	67.94' Rt.	2,064,466.407	1,067,872.588

**COORDINATE TABLE**

STATION	OFFSET	NORTH	EAST
448+00.00	77.99' Rt.	2,064,465.447	1,067,882.590
448+26.84	50.00' Lt.	2,064,504.977	1,067,757.974
449+00.00	40.00' Lt.	2,064,576.639	1,067,775.790
449+00.00	50.00' Lt.	2,064,577.715	1,067,765.848
449+14.94	843.37' Lt.	2,064,677.953	1,066,978.693
449+28.45	723.13' Lt.	2,064,678.442	1,067,099.692
449+29.84	40.00' Lt.	2,064,606.304	1,067,779.002
451+80.20	30.00' Rt.	2,064,852.062	1,067,861.574
451+80.20	40.00' Rt.	2,064,852.111	1,067,871.574
451+80.29	40.00' Lt.	2,064,851.768	1,067,791.573
451+80.56	40.00' Lt.	2,064,852.042	1,067,791.572
451+84.79	853.57' Lt.	2,064,851.802	1,066,977.991

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 Note: Surface Coordinates are Shown

**COORDINATE TABLE**

STATION	OFFSET	NORTH	EAST
298+23.76	29.88' Rt.	2,064,233.537	1,066,563.864
298+67.68	4.08' Rt.	2,064,277.355	1,066,537.909
301+39.99	30.66' Rt.	2,064,549.774	1,066,563.384
301+39.99	133.56' Rt.	2,064,550.190	1,066,666.281
302+66.49	323.31' Rt.	2,064,877.456	1,066,855.519
304+41.90	31.42' Rt.	2,064,851.680	1,066,562.925

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

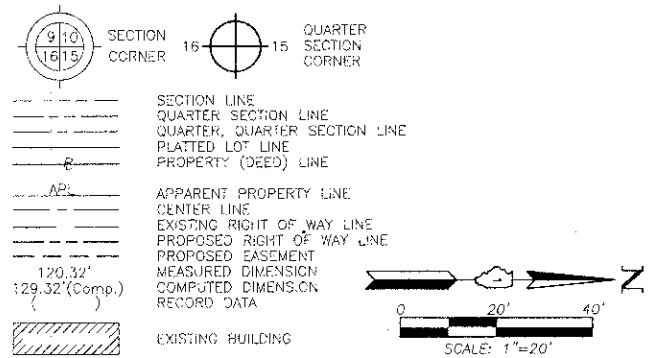
**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.U. 0198 (ATKINSON ROAD EXTENSION)  
 SECTION 00-00045-00-PV LAKE COUNTY  
 PROJECT JOB NO. R-91-008-06  
 STATION 298+00 TO STATION 305+00 (VANHOE ROAD)  
 STATION 441+00 TO STATION 452+00 (ATKINSON ROAD)  
 SCALE: 1"=60'  
 SHEET 4 OF 15

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

SEE SHEET 5A

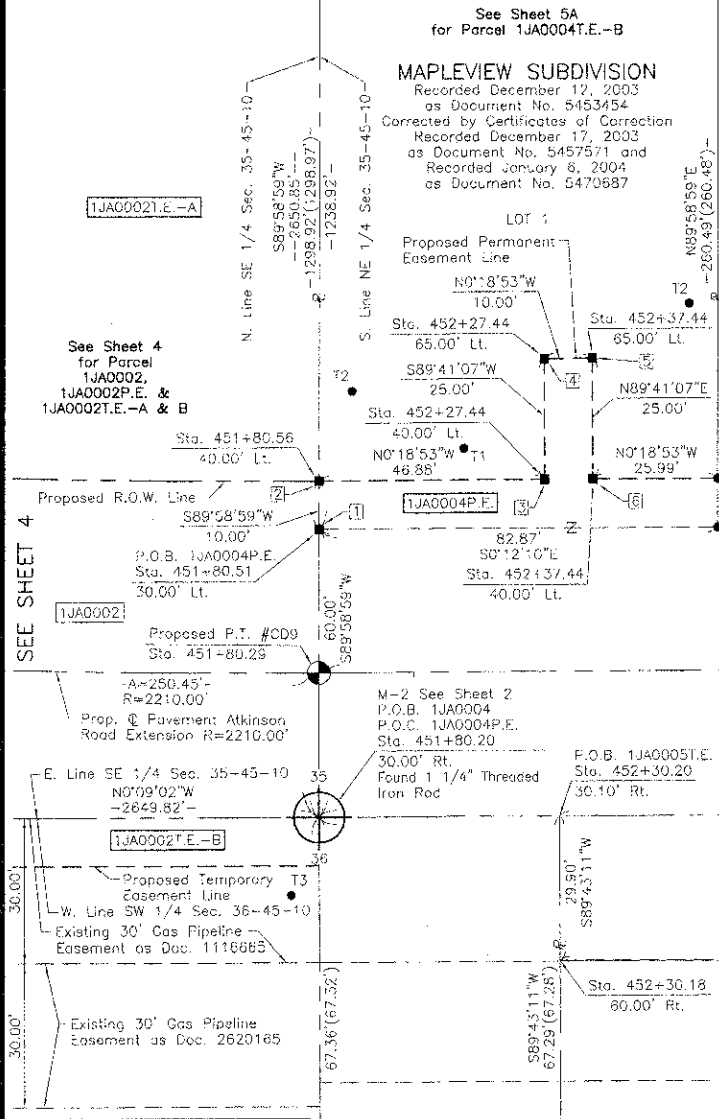
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EX'G R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1JA0004 1JA0004P.E. 1JA0004T.E.-A 1JA0004T.E.-B	Inland Mapleview, L.L.C., a Delaware limited liability company	14.752	1.109	N/A	13.643	P.E.=0.025 T.E.-A=0.128 T.E.-B=0.014	Drainage Construction Purposes Grading	06-35-204-002 06-35-204-004 06-35-204-005	
1JA0005T.E.	The Townhomes at Canterbury Estates Condominium Association, an Illinois not-for-profit corporation	2.891	N/A	N/A	2.891	0.237	Grading	06-36-111-035 through 06-36-111-042	

LEGEND



Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.

- 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 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.



Proposed Pavement Atkinson Road Extension Curve #CD9

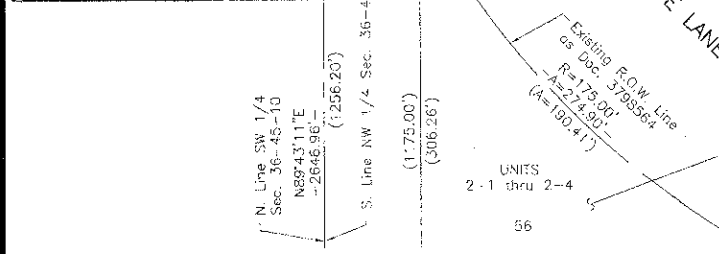
STATION	OFFSET	NORTH	EAST
452+37.44	40.00' Lt.	2,064,908.918	1,067,791.260
452+37.44	65.00' Lt.	2,064,908.781	1,067,786.258
452+63.38	29.84' Lt.	2,064,934.910	1,067,801.280
452+63.43	40.00' Lt.	2,064,934.907	1,067,791.117
453+90.87	60.00' Rt.	2,065,262.898	1,067,890.413

Proposed Pavement Atkinson Road Extension Curve #CD3

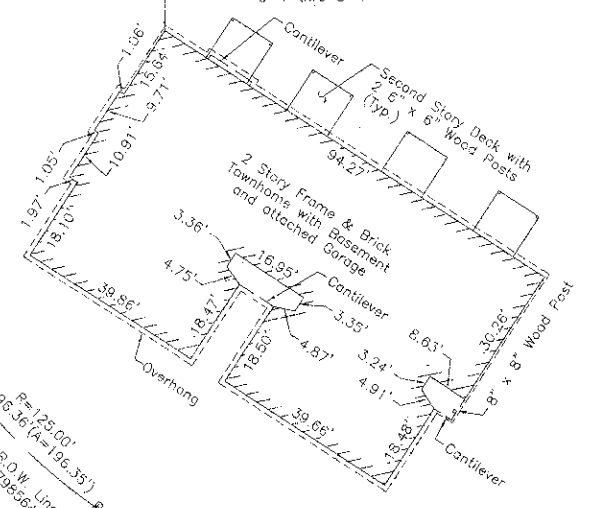
STATION	OFFSET	NORTH	EAST
455+65.78	30.21' Lt.	2,065,238.883	1,067,800.205
455+75.23	29.35' Rt.	2,065,245.110	1,067,880.183
455+86.08	58.01' Rt.	2,065,253.260	1,067,888.479
455+90.00	58.39' Rt.	2,065,256.799	1,067,890.142
458+02.17	31.30' Lt.	2,065,276.896	1,067,801.928

Schedule of Ties

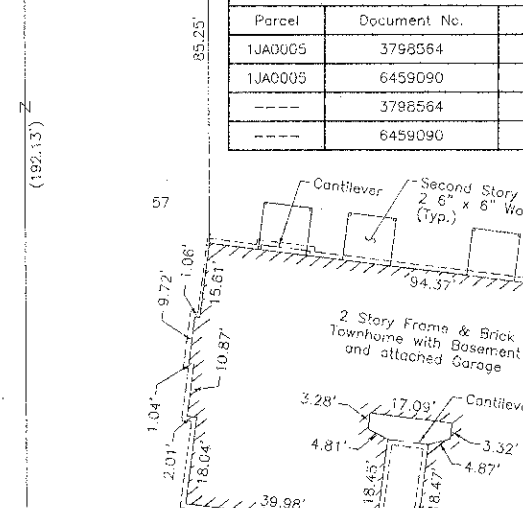
Point Number	Tie to point	Tie Distance (feet)
1	T1	34.37
	T2	29.29
	T3	76.38
2	T1	30.77
	T2	18.68
	T3	86.34
3	T1	17.99
	T2	47.29
	T3	45.75
4	T1	24.96
	T2	32.28
	T3	49.60
5	T1	32.54
	T2	23.18
	T3	40.13
6	T1	27.55
	T2	41.62
	T3	39.06
7	T1	25.61
	T2	41.48
	T3	19.79
8	T1	27.35
	T2	19.03
	T3	51.14



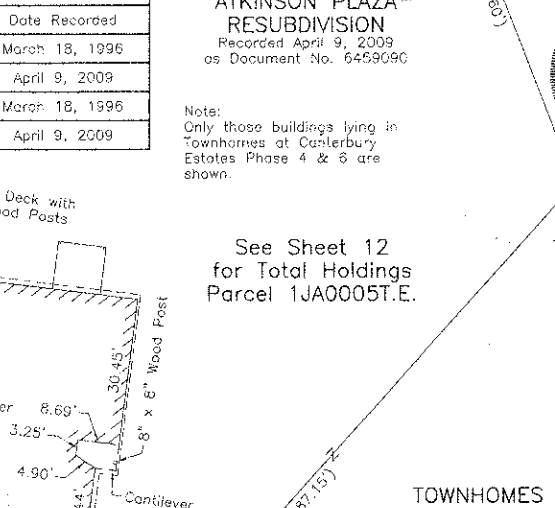
TOWNHOMES AT CANTERBURY ESTATES PHASE 6



TOWNHOMES AT CANTERBURY ESTATES PHASE 4



TOWNHOMES AT CANTERBURY ESTATES PHASE 3



EXISTING R.O.W. RECORDED INFORMATION

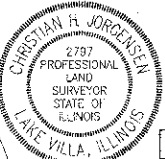
Parcel	Document No.	Date Recorded
1JA0005	3798584	March 18, 1996
1JA0005	6459090	April 9, 2008
---	3798584	March 18, 1996
---	6459090	April 9, 2009

ATKINSON PLAZA RESUBDIVISION

Recorded April 9, 2009 as Document No. 6459090

Note: Only those buildings lying in Townhomes at Canterbury Estates Phase 4 & 6 are shown.

STATE OF ILLINOIS }  
COUNTY OF LAKE }  
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 35, TOWNSHIP 45N., RANGE 10E, AND SECTION 36, TOWNSHIP 45N., RANGE 10E, 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 RE-Traced. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT LAKE VILLA, ILLINOIS THIS 24th DAY OF May 2011 A.D.



Christian R. Jorgensen - PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 451-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
Note: Surface Coordinates are Shown

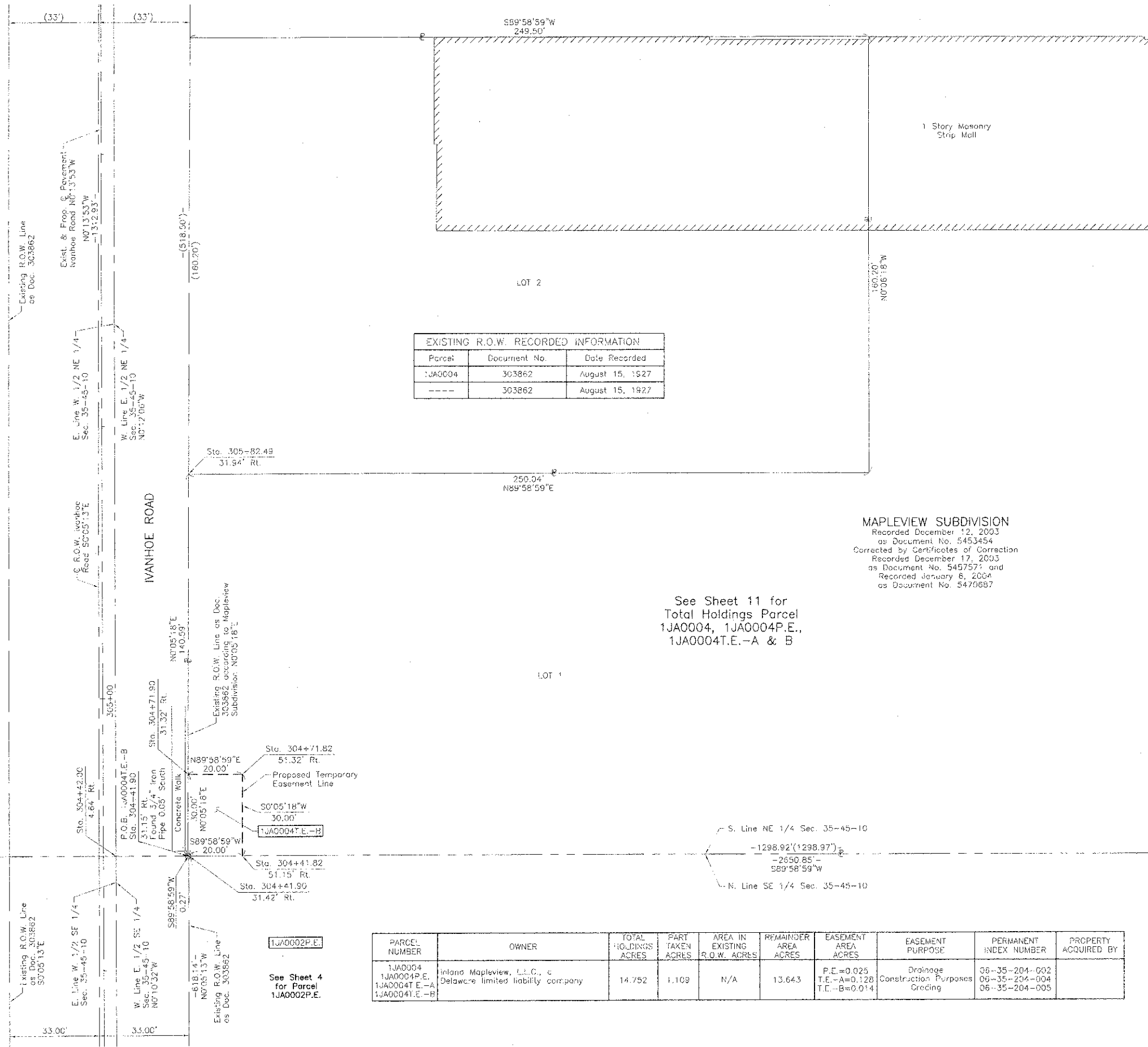
COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
451+80.20	30.00' Rt.	2,064,852.062	1,067,861.574
451+80.51	30.00' Lt.	2,064,852.045	1,067,801.574
451+80.56	40.00' Lt.	2,064,852.042	1,067,791.572
452+27.44	40.00' Lt.	2,064,898.918	1,067,791.314
452+27.44	65.00' Lt.	2,064,898.781	1,067,786.312
452+30.18	80.00' Rt.	2,064,902.205	1,067,891.295
452+30.20	30.10' Rt.	2,064,902.062	1,067,861.397

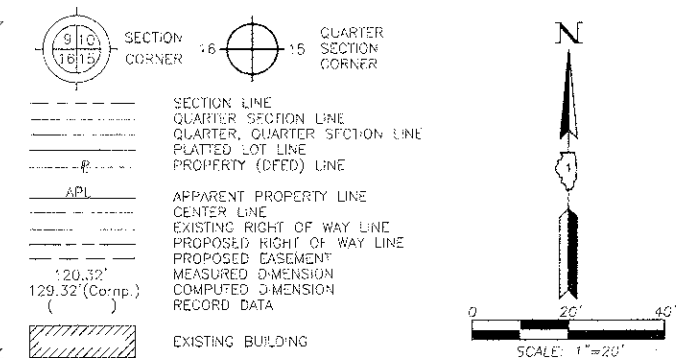
JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 0198 (ATKINSON ROAD EXTENSION)  
SECTION 00-00045-00-PV LAKE COUNTY  
PROJECT JOB NO. R-91-008-06  
STATION 451+00 TO STATION 456+00  
SCALE: 1"=20' SHEET 5 OF 15

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



**LEGEND**



- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.
- IRON PIPE OR ROD FOUND      ⊕ "MAG" NAIL SET
  - + CUT CROSS FOUND OR SET      ● 5/8" REBAR SET
  - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO BE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - T2 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.
  - T3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - 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.O.F. STD 2135 (TO BE SET BY OTHERS)
  - ⌈ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
 COUNTY OF LAKE }  
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 45N., RANGE 10E., 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 LAKE VILLA, ILLINOIS THIS 22<sup>nd</sup> DAY OF May 2012 A.D.



*Christian H. Jorgensen* PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 Note: Surface Coordinates are Shown.

STATION	OFFSET	NORTH	EAST
304+41.82	51.15' Rt.	2,064,851.686	1,066,582.657
304+41.90	31.15' Rt.	2,064,851.580	1,066,562.657
304+41.90	31.42' Rt.	2,064,851.680	1,066,562.925
304+42.00	4.64' Rt.	2,064,851.672	1,066,536.148
304+71.82	51.32' Rt.	2,064,881.686	1,066,582.703
304+71.90	31.32' Rt.	2,064,881.680	1,066,562.703
305+82.43	31.94' Rt.	2,064,992.770	1,066,562.874

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

See Sheet 11 for  
 Total Holdings Parcel  
 1JA0004, 1JA0004P.E.,  
 1JA0004T.E.-A & B

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1JA0004 1JA0004P.E. 1JA0004T.E.-A 1JA0004T.E.-B	Irlano Maplevue, L.L.C., c Delaware limited liability company	14.752	1.109	N/A	13.643	P.E.=0.025 T.E.-A=0.128 T.E.-B=0.014	Drainage Construction Purposes Grading	36-35-204-002 09-35-204-004 36-35-204-005	

1JA0002P.E.  
 See Sheet 4 for Parcel  
 1JA0002P.E.

SEE SHEET 4

REVISION DATE

REVISION

MADE BY



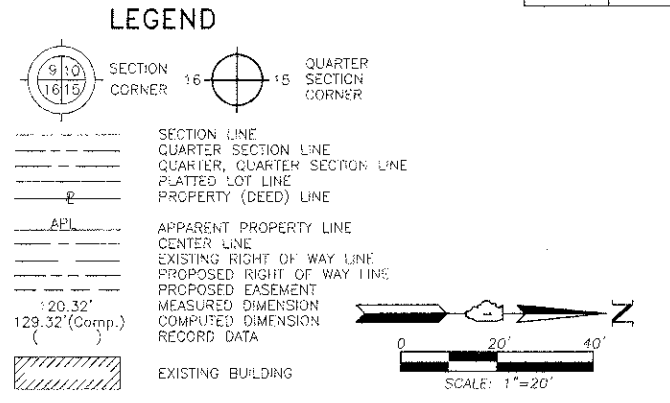
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1JA0004 1JA0004P.E.-A 1JA0004T.E.-B	Inland Mapleview, L.L.C., a Delaware limited liability company	14.752	1.109	N/A	13.643	P.E.=0.025 T.E.-A=0.128 T.E.-B=0.014	Drainage Construction Purposes Grading	06-35-204-002 06-35-204-004 06-35-204-005	
1JA0006P.E. 1JA0006T.E.	Richard E. Laskowski, Trustee of Trust No. 100 dated December 15, 1999	2.853	N/A	N/A	2.853	P.E.=0.023 T.E.=0.110	Drainage Construction Purposes	06-35-200-093	

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
---	3795564	March 18, 1996
---	6459090	April 9, 2009

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
455+68.87	41.16' Lt.	2,065,242.667	1,067,789.427
455+75.23	29.35' Rt.	2,065,245.110	1,067,860.183
455+90.00	58.39' Rt.	2,065,256.799	1,067,890.142
458+02.17	31.30' Lt.	2,065,276.896	1,067,801.926
456+02.18	42.10' Lt.	2,065,277.999	1,067,791.178
456+53.09	100.64' Lt.	2,065,341.810	1,067,741.015
456+57.40	44.92' Lt.	2,065,336.573	1,067,796.888
456+69.92	104.34' Lt.	2,065,361.552	1,067,741.015
456+83.31	38.98' Lt.	2,065,361.713	1,067,809.929

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	13.58
	T2	24.34
	T3	12.90
2	T1	23.01
	T2	30.05
	T3	22.07
3	T1	25.61
	T2	41.48
	T3	19.79
4	T1	27.33
	T2	19.03
	T3	51.14

Proposed Q Pavement Atkinson Road Extension Curve #CD3		Proposed Q Pavement Atkinson Road Extension Curve #CD4	
P.I.	= Sta. 456+06.30	P.I.	= Sta. 457+57.41
Δ	= 12°49'35"	Δ	= 12°49'35"
R	= 675.00'	R	= 675.00'
T	= 75.87'	T	= 75.87'
L	= 151.11'	L	= 151.11'
E	= 4.25'	E	= 4.25'
P.C.	= Sta. 455+30.43	P.R.C.	= Sta. 456+81.54
P.R.C.	= Sta. 456+81.54	P.T.	= Sta. 458+32.65



Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 35, TOWNSHIP 45N., RANGE 10E. AND SECTION 36, TOWNSHIP 45N., RANGE 10E., 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 LAKE VILLA, ILLINOIS THIS 24<sup>th</sup> DAY OF May 2011 A.D.

STATE OF ILLINOIS }  
COUNTY OF LAKE }SS



COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
452+30.20	30.10' Rt.	2,064,902.062	1,067,861.397
452+63.38	29.84' Lt.	2,064,934.910	1,067,801.290
452+63.43	40.00' Lt.	2,064,934.907	1,067,791.117
453+60.32	29.65' Lt.	2,065,031.849	1,067,800.937
453+60.32	40.00' Lt.	2,065,031.793	1,067,790.555
455+65.78	30.21' Lt.	2,065,236.883	1,067,800.205

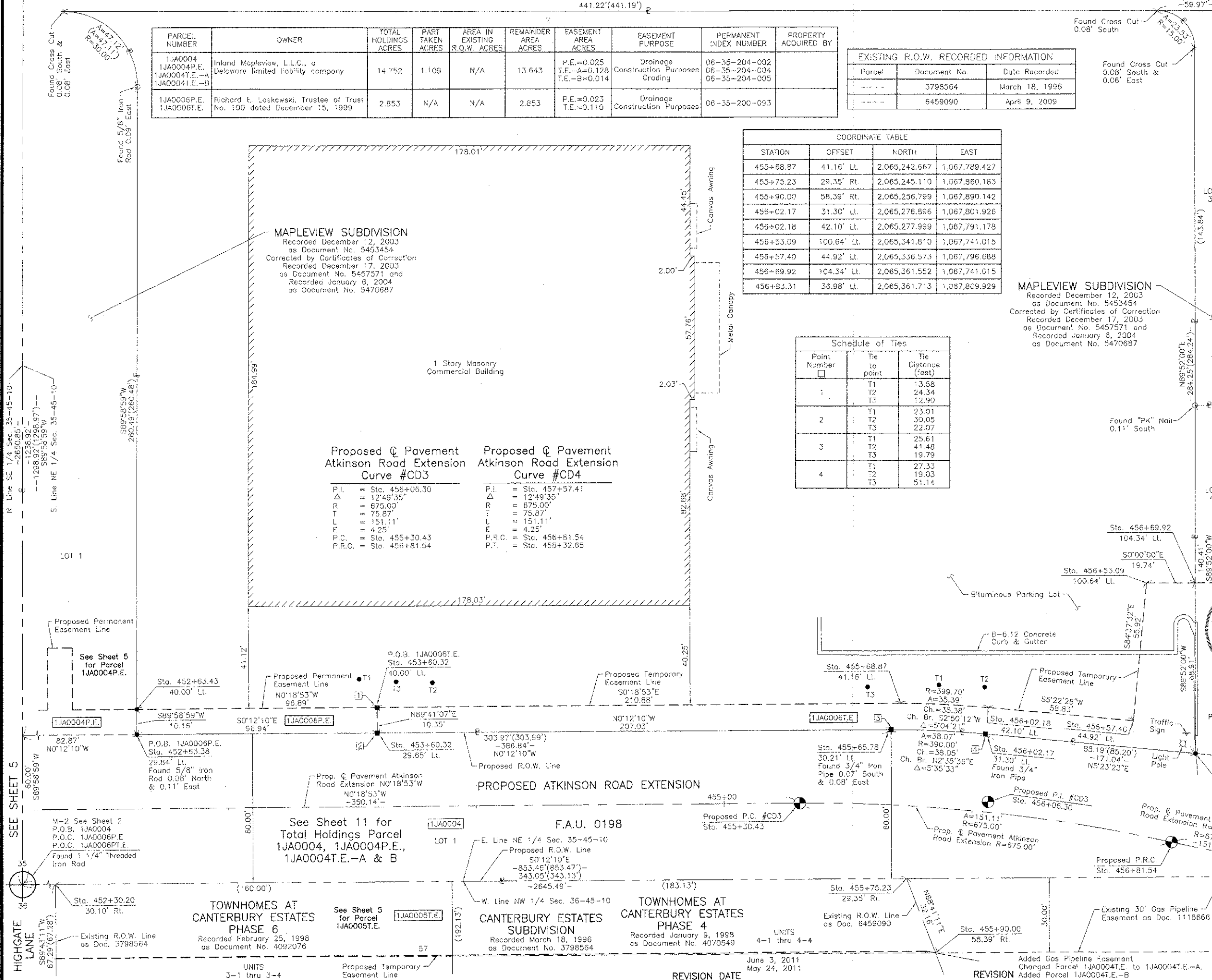
Note: Surface Coordinates are Shown

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 0198 (ATKINSON ROAD EXTENSION)  
SECTION 00-00045-00-PV LAKE COUNTY  
PROJECT JOB NO. R-91-008-06  
STATION 452+00 TO STATION 457+00  
SCALE: 1"=20' SHEET 6 OF 15

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



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1JA0004	Inland Mapview, L.L.C., a Delaware limited liability company	14.752	1.109	N/A	13.643	P.E.=0.025 T.E.-A=0.128 T.E.-B=0.014	Drainage Construction Purposes Grading	06-35-204-002 06-35-204-004 06-35-204-005	

Point Number	Tie to point	Tie Distance (feet)
1	T1	30.29
	T2	22.33
	T3	51.94
2	T1	25.69
	T2	18.85
	T3	40.57
3	T1	22.33
	T2	27.00
	T3	48.84
4	T1	28.22
	T2	14.89
	T3	27.11
5	T1	42.38
	T2	22.75
	T3	48.49
6	T1	34.58
	T2	22.83
	T3	31.31
7	T1	39.05
	T2	37.54
	T3	39.62

**LEGEND**

SECTION CORNER 16 QUARTER SECTION CORNER

SECTION LINE  
QUARTER SECTION LINE  
QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY LINE (DEED) LINE

APPARENT PROPERTY LINE  
CENTER LINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DATA

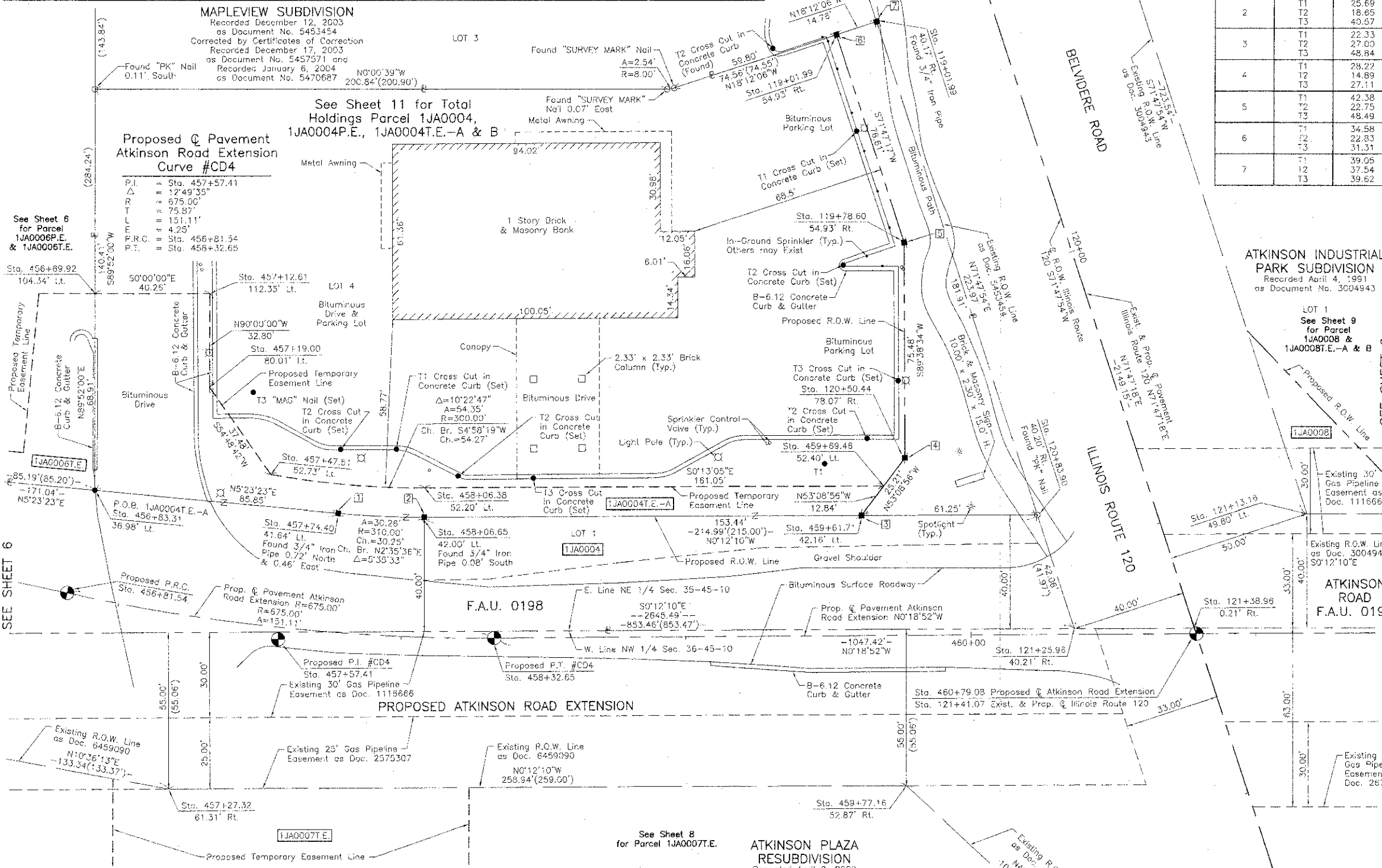
EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

SCALE: 1"=20'

SEE SHEET 9

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 TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
STAKING OF PROPOSED RIGHT OF WAY. 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 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)  
RIGHT OF WAY STAKING PROPOSED TO BE SET.



**ATKINSON INDUSTRIAL PARK SUBDIVISION**  
Recorded April 4, 1991  
as Document No. 3004943

**ATKINSON ROAD F.A.U. 0198**

DATE AT LAKE VILLA, ILLINOIS THIS 24th DAY OF May 2011 A.D.

STATE OF ILLINOIS }  
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, TOWNSHIP 45N., RANGE 10E. AND SECTION 36, TOWNSHIP 45N., RANGE 10E., 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.

DATE AT LAKE VILLA, ILLINOIS THIS 24th DAY OF May 2011 A.D.

**CHRISTIAN H. JORGENSEN**  
2797 PROFESSIONAL LAND SURVEYOR  
STATE OF ILLINOIS  
PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
Note: Surface Coordinates are Shown

STATION	OFFSET	NORTH	EAST
119+01.99	40.17' Rt.	2,065,635.558	1,067,645.791
119+78.60	54.93' Rt.	2,065,621.533	1,067,650.402
119+78.60	54.93' Rt.	2,065,645.475	1,067,723.172
120+50.44	78.07' Rt.	2,065,645.946	1,067,798.647
120+83.90	43.20' Lt.	2,065,692.380	1,067,818.600
121+13.16	49.80' Lt.	2,065,787.010	1,067,818.265

STATION	OFFSET	NORTH	EAST
121+75.96	40.21' Rt.	2,065,705.518	1,067,858.554
121+38.96	0.21' Rt.	2,065,747.575	1,067,858.405
122+55.72	60.23' Rt.	2,065,727.050	1,067,988.066
122+55.96	49.77' Lt.	2,065,831.617	1,067,953.923
456+69.92	104.31' Lt.	2,065,361.552	1,067,741.015
456+83.31	36.98' Lt.	2,065,361.713	1,067,809.929
457+12.61	112.35' Lt.	2,065,401.810	1,067,741.015
457+19.00	80.01' Lt.	2,065,401.810	1,067,773.817

STATION	OFFSET	NORTH	EAST
457+27.32	61.31' Rt.	2,065,387.861	1,067,914.678
457+47.51	52.73' Lt.	2,065,423.410	1,067,804.450
457+74.40	41.64' Lt.	2,065,447.179	1,067,817.992
458+08.38	52.20' Lt.	2,065,477.480	1,067,809.153
458+56.65	42.00' Lt.	2,065,477.394	1,067,819.361
459+61.71	42.16' Lt.	2,065,630.828	1,067,818.918
459+69.46	52.40' Lt.	2,065,638.531	1,067,808.540
459+77.16	52.87' Rt.	2,065,646.799	1,067,913.762

Parcel	Document No.	Date Recorded
1JA0004	5453454	December 12, 2003
----	2788650	May 2, 1989
----	3004943	April 4, 1991
----	6459090	April 9, 2009

**ATKINSON PLAZA RESUBDIVISION**  
Recorded April 9, 2009  
as Document No. 6459090

June 3, 2011  
May 24, 2011  
REVISION DATE

Added Gas Pipeline Easements  
Changed Parcel 1JA0004T.E. to 1JA0004T.E.-A  
Added Parcel 1JA0004T.E.-B  
REVISION

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 0198 (ATKINSON ROAD EXTENSION)  
SECTION 00-00045-00-PV LAKE COUNTY  
PROJECT JOB NO. R-91-008-06  
STATION 119+00 TO STATION 123+00 (ILL. ROUTE 120)  
STATION 456+00 TO STATION 462+00 (ATKINSON ROAD)  
SCALE: 1"=20'  
SHEET 7 OF 15

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



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1JA00077.E	Grayslake Chase, LLC, an Illinois limited liability company	4.890	N/A	N/A	4.890	0.194	Driveway Construction	06-38-111-043 06-36-111-044	
1JA0009	Rocknboch Realty, L.L.C., an Illinois limited liability company	13.883	0.087	N/A	13.796	N/A	N/A	06-36-100-003 06-36-102-010 06-36-102-011 06-36-102-012 06-36-102-013 06-36-102-014 06-36-102-015 06-36-102-016	

STATION	OFFSET	NORTH	EAST
123+99.88	61.37' Lt.	2,065,867.614	1,068,087.000
123+99.90	49.74' Lt.	2,065,876.576	1,068,090.656
126+02.03	49.71' Lt.	2,065,939.715	1,068,282.675
455+75.23	29.35' Rt.	2,065,245.110	1,067,860.163
455+90.00	58.36' Rt.	2,065,256.799	1,067,890.142
457+09.03	60.69' Rt.	2,065,368.254	1,067,911.008
457+19.49	130.54' Rt.	2,065,368.254	1,067,951.678
457+27.32	61.31' Rt.	2,065,387.861	1,067,914.878
458+24.26	52.62' Rt.	2,065,493.254	1,067,914.305
458+24.66	119.99' Rt.	2,065,493.254	1,067,981.678
459+77.16	52.87' Rt.	2,065,646.799	1,067,913.762
461+95.13	48.29' Rt.	2,065,864.742	1,067,907.990
462+38.01	48.37' Rt.	2,065,907.624	1,067,907.839

**LEGEND**

SECTION CORNER 16 QUARTER SECTION CORNER 75

SECTION LINE  
QUARTER SECTION LINE  
QUARTER QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE  
CENTER LINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.

IRON PIPE OR ROD FOUND @ "MAG" NAIL SET  
CUT CROSS FOUND OR SET • 5/8" REBAR 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 OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8" INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

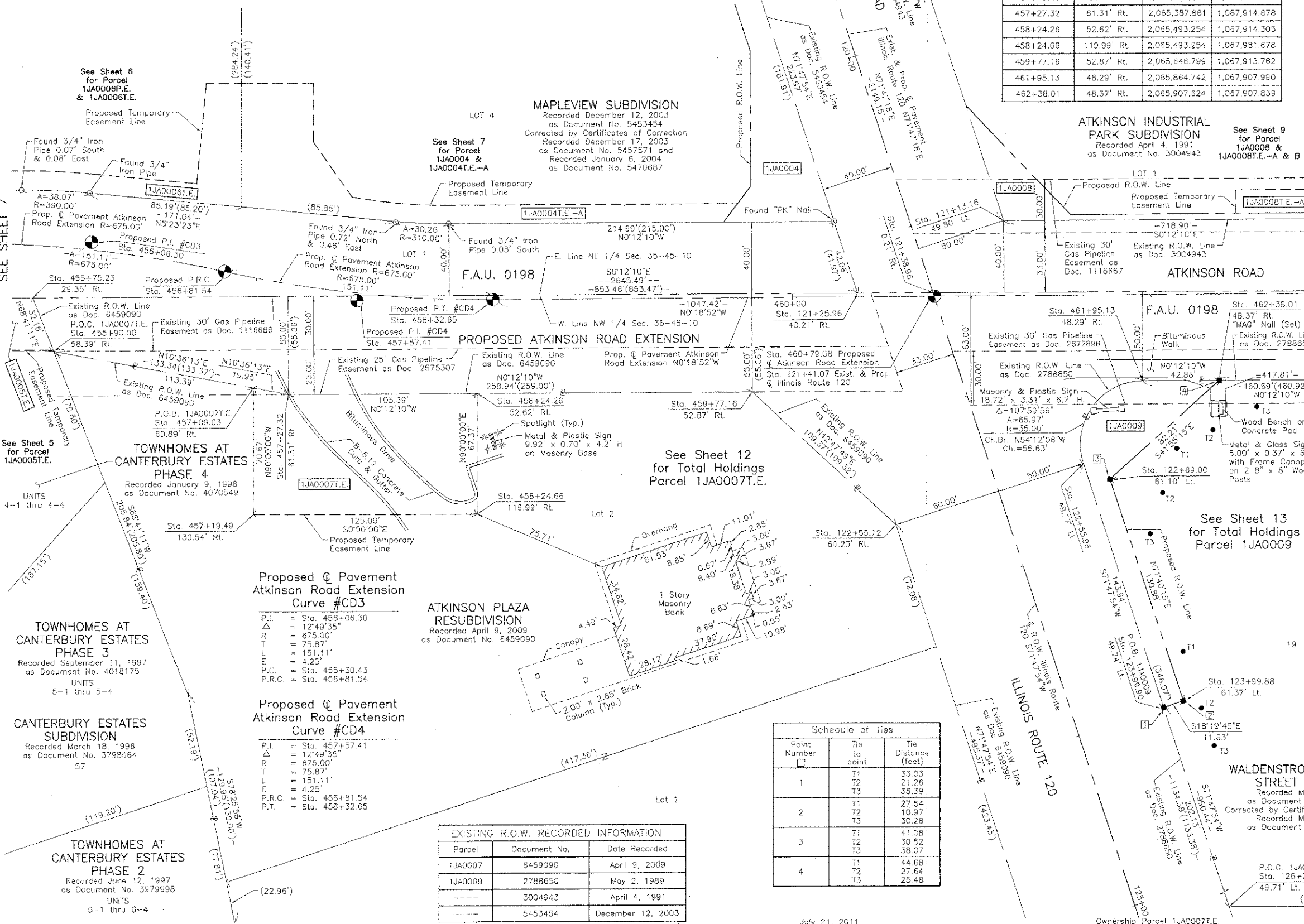
STATE OF ILLINOIS } SS  
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 35, TOWNSHIP 45N., RANGE 10E. AND SECTION 36, TOWNSHIP 45N., RANGE 10E., 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 LAKE VILLA, ILLINOIS THIS 24th DAY OF May 2011 A.D.

CHRISTIAN H. JORGENSEN  
2797 PROFESSIONAL LAND SURVEYOR  
STATE OF ILLINOIS  
LAKE VILLA, ILLINOIS

CHRISTIAN H. JORGENSEN - PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
Note: Surface Coordinates are Shown



See Sheet 6 for Parcel 1JA0006P.E. & 1JA0006T.E.

See Sheet 7 for Parcel 1JA0004 & 1JA0004T.E.-A

See Sheet 9 for Parcel 1JA0008 & 1JA0008T.E.-A & B

See Sheet 5 for Parcel 1JA0005T.E.

See Sheet 12 for Total Holdings Parcel 1JA0007T.E.

See Sheet 13 for Total Holdings Parcel 1JA0009

Proposed Pavement Atkinson Road Extension Curve #CD3

P.I. = Sta. 456+06.30  
 Δ = 12°49'35"  
 R = 675.00'  
 T = 75.87'  
 L = 151.11'  
 E = 4.25'  
 P.C. = Sta. 455+30.43  
 P.R.C. = Sta. 456+81.54

Proposed Pavement Atkinson Road Extension Curve #CD4

P.I. = Sta. 457+57.41  
 Δ = 12°49'35"  
 R = 675.00'  
 T = 75.87'  
 L = 151.11'  
 E = 4.25'  
 P.C. = Sta. 456+81.54  
 P.T. = Sta. 458+32.65

Parcel	Document No.	Date Recorded
1JA0007	5459090	April 9, 2009
1JA0009	2788650	May 2, 1989
-----	3004943	April 4, 1991
-----	5453454	December 12, 2003

Point Number	Tie to point	Tie Distance (feet)
1	T1	33.03
	T2	21.26
	T3	35.39
2	T1	27.54
	T2	10.97
	T3	30.28
3	T1	41.08
	T2	30.52
	T3	38.07
4	T1	44.68
	T2	27.64
	T3	25.48

STATION	OFFSET	NORTH	EAST
121+13.16	49.80' Lt.	2,065,787.010	1,067,818.265
121+25.96	40.21' Rt.	2,065,705.518	1,067,858.554
121+38.96	0.21' Rt.	2,065,747.575	1,067,858.405
122+55.72	60.23' Rt.	2,065,727.050	1,067,988.066
122+55.96	49.77' Lt.	2,065,831.617	1,067,953.923
122+69.00	61.10' Lt.	2,065,846.455	1,067,952.762

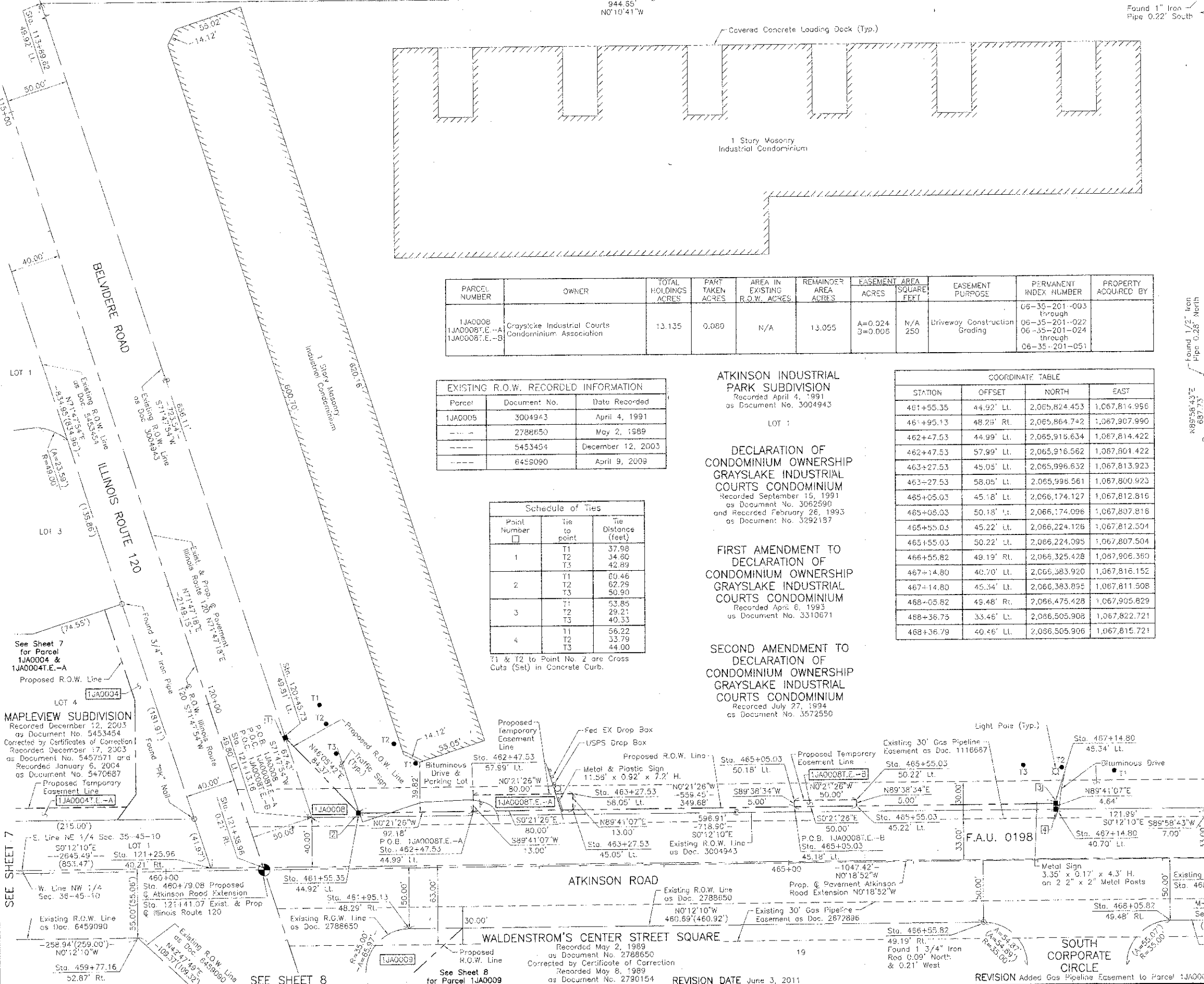
JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 0198 (ATKINSON ROAD EXTENSION)

SECTION 00-00045-00-PV LAKE COUNTY  
PROJECT JOB NO. R-91-008-06  
STATION 119+00 TO STATION 125+00 (ILL. ROUTE 120)  
STATION 455+00 TO STATION 463+00 (ATKINSON ROAD)  
SCALE: 1"=30' SHEET 8 OF 15

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



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
1JA0008 1JA0008T.E.-A 1JA0008T.E.-B	Crayslake Industrial Courts Condominium Association	13.135	0.080	N/A	13.055	A=0.024 B=0.008	N/A 250	Driveway Construction Grading	06-35-201-003 through 06-35-201-022 through 06-35-201-024 through 06-35-201-051	

Parcel	Document No.	Date Recorded
1JA0005	3004943	April 4, 1991
---	2788650	May 2, 1989
---	5453454	December 12, 2003
---	6458090	April 9, 2009

**ATKINSON INDUSTRIAL PARK SUBDIVISION**  
Recorded April 4, 1991  
as Document No. 3004943

**DECLARATION OF CONDOMINIUM OWNERSHIP GRAYSLAKE INDUSTRIAL COURTS CONDOMINIUM**  
Recorded September 16, 1991  
as Document No. 3062590  
and Recorded February 26, 1993  
as Document No. 3292137

**FIRST AMENDMENT TO DECLARATION OF CONDOMINIUM OWNERSHIP GRAYSLAKE INDUSTRIAL COURTS CONDOMINIUM**  
Recorded April 6, 1993  
as Document No. 3310671

**SECOND AMENDMENT TO DECLARATION OF CONDOMINIUM OWNERSHIP GRAYSLAKE INDUSTRIAL COURTS CONDOMINIUM**  
Recorded July 27, 1994  
as Document No. 3572550

Point Number	Tie to point	Tie Distance (feet)
1	T1	37.98
	T2	34.80
	T3	42.89
2	T1	60.46
	T2	62.29
	T3	50.90
3	T1	53.85
	T2	29.21
	T3	40.33
4	T1	56.22
	T2	33.79
	T3	44.00

T1 & T2 to Point No. 2 are Cross Cuts (Set) in Concrete Curb.

STATION	OFFSET	NORTH	EAST
461+55.35	44.92' Lt.	2,065,824.453	1,067,814.996
461+95.13	48.25' Rt.	2,065,864.742	1,067,907.990
462+47.53	44.99' Lt.	2,065,916.634	1,067,814.422
462+47.53	57.99' Rt.	2,065,916.562	1,067,801.422
463+27.53	45.05' Lt.	2,065,996.632	1,067,813.923
463+27.53	58.05' Lt.	2,065,996.561	1,067,800.923
465+05.03	45.18' Lt.	2,066,174.127	1,067,812.816
465+05.03	50.18' Lt.	2,066,174.096	1,067,807.816
465+55.03	45.22' Lt.	2,066,224.126	1,067,812.504
465+55.03	50.22' Lt.	2,066,224.095	1,067,807.504
466+55.82	48.19' Rt.	2,066,325.428	1,067,906.380
467+14.80	40.70' Lt.	2,066,383.920	1,067,816.152
467+14.80	45.34' Lt.	2,066,383.895	1,067,811.508
468+05.82	49.48' Rt.	2,066,475.428	1,067,905.829
468+36.75	33.46' Lt.	2,066,505.908	1,067,822.721
468+36.75	40.46' Lt.	2,066,505.906	1,067,815.721

**LEGEND**

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

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.

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 OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)  
RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 35, TOWNSHIP 45N, RANGE 10E, AND SECTION 36, TOWNSHIP 45N, RANGE 10E, 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 REPRODUCED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 21<sup>st</sup> DAY OF May, 2011 A.D.

CHRISTIAN H. JORGENSEN  
2797 PROFESSIONAL LAND SURVEYOR  
STATE OF ILLINOIS  
LAKE VILLA, ILLINOIS

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
113+89.62	49.92' Lt.	2,065,561.004	1,067,130.925
120+45.73	49.81' Lt.	2,065,765.949	1,067,754.212
121+13.15	49.80' Lt.	2,065,787.010	1,067,818.265
121+25.98	40.21' Rt.	2,065,705.518	1,067,858.554
121+38.96	0.21' Rt.	2,065,747.575	1,067,858.405
459+77.15	52.87' Rt.	2,065,646.799	1,067,913.762

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 0198 (ATKINSON ROAD EXTENSION)

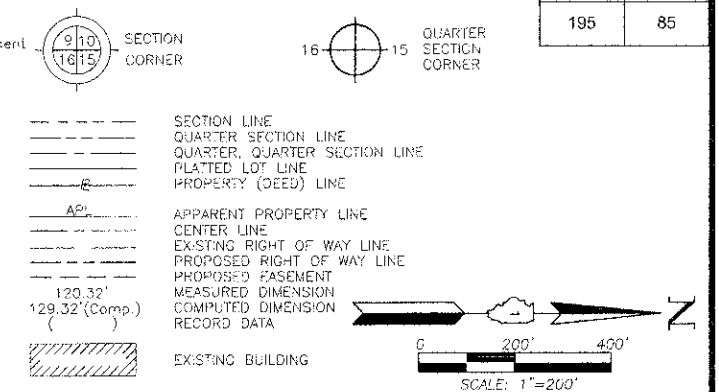
SECTION 00-00045-00-PV LAKE COUNTY  
PROJECT JOB NO. R-91-008-06  
STATION 113+00 TO STATION 122+00 (ILL. ROUTE 120)  
STATION 459+00 TO STATION 468+80.07 (ATKINSON ROAD)  
SCALE: 1"=40' SHEET 9 OF 15

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

PART OF THE NW 1/4 OF SEC. 1 AND PART OF THE NE 1/4 SEC. 2, TWP. 44 N., R. 10 E. OF THE 3RD. P.M. AND PART OF THE SE 1/4 OF SEC. 35 AND PART OF THE SW 1/4 SEC. 36, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

TOTAL SHEETS	SHEET NO.
195	85

**LEGEND**



Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD PLUSH WITH GROUND TO TIE 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, I.D.O.T STD 2135 (10 BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
 COUNTY OF LAKE }  
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 1, TOWNSHIP 44N., RANGE 10E. AND SECTION 36, TOWNSHIP 45N., RANGE 10E., 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.

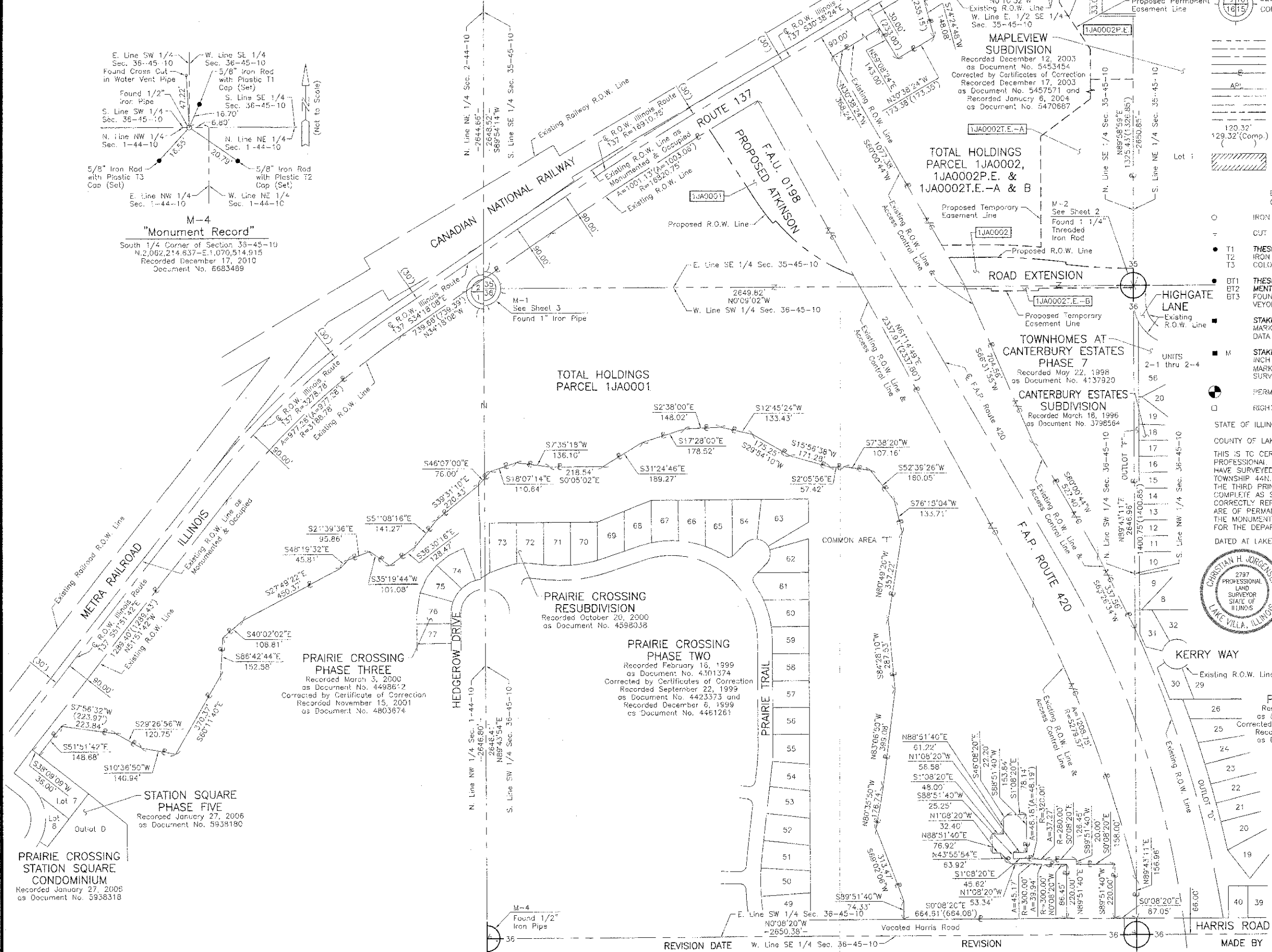
DATED AT LAKE VILLA, ILLINOIS THIS 24th DAY OF May, 2012 A.D.  
  
 CHRISTIAN H. JORGENSEN, PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 Note: Surface Coordinates are Shown

**PRAIRIE TOWNE**  
 Recorded April 11, 1990  
 as Document No. 2894845  
 Corrected by Certificate of Correction  
 Recorded October 11, 2007  
 as Document No. 6254423

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

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.U. 0198 (ATKINSON ROAD EXTENSION)  
 SECTION 00-00045-00-PV LAKE COUNTY  
 PROJECT JOB NO. R-91-008-06  
 STATION NONE TO STATION  
 SCALE: 1"=200' SHEET 10 OF 15

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



**DECLARATION OF CONDOMINIUM OWNERSHIP GRAYSLAKE INDUSTRIAL COURTS CONDOMINIUM**  
 Recorded September 15, 1991 as Document No. 3062590 and Recorded February 28, 1993 as Document No. 3292187

**FIRST AMENDMENT TO DECLARATION OF CONDOMINIUM OWNERSHIP GRAYSLAKE INDUSTRIAL COURTS CONDOMINIUM**  
 Recorded April 6, 1993 as Document No. 3310871

**SECOND AMENDMENT TO DECLARATION OF CONDOMINIUM OWNERSHIP GRAYSLAKE INDUSTRIAL COURTS CONDOMINIUM**  
 Recorded July 27, 1994 as Document No. 3572550

**ATKINSON INDUSTRIAL PARK SUBDIVISION**  
 Recorded April 4, 1991 as Document No. 3004943

**TOTAL HOLDINGS PARCEL 1JA0004, 1JA0004P.E., 1JA0004T.E.-A & B**

**MAPLEVIEW SUBDIVISION**  
 Recorded December 12, 2003 as Document No. 5453454 Corrected by Certificates of Correction Recorded December 17, 2003 as Document No. 5457571 and Recorded January 6, 2004 as Document No. 5470687

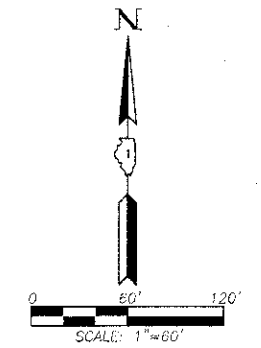
**CANTERBURY ESTATES SUBDIVISION**  
 Recorded March 18, 1996 as Document No. 3798564

**TOWNHOMES AT CANTERBURY ESTATES PHASE 4**  
 Recorded January 9, 1998 as Document No. 4070549

**TOWNHOMES AT CANTERBURY ESTATES PHASE 6**  
 Recorded February 25, 1998 as Document No. 4092076

**LEGEND**

- SECTION CORNER
  - QUARTER SECTION CORNER
  - SECTION LINE
  - QUARTER SECTION LINE
  - SECTION LINE
  - QUARTER SECTION LINE
  - PLATTED LOT LINE
  - PROPERTY (DEED) LINE
  - APPARENT PROPERTY LINE
  - CENTER LINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED RIGHT OF WAY LINE
  - PROPOSED EASEMENT
  - MEASURED DIMENSION
  - COMPUTED DIMENSION
  - RECORD DATA
  - EXISTING BUILDING
- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.
- 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 BE 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 MARK FUTURE SURVEY MONUMENT. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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  - PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET.
- STATE OF ILLINOIS }  
 COUNTY OF LAKE }SS



THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 35, TOWNSHIP 45N., RANGE 10E. AND SECTION 36, TOWNSHIP 45N., RANGE 10E., 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.

UNITS 4-1 thru 4-4 DATED AT LAKE VILLA, ILLINOIS THIS 24th DAY OF May 2011 A.D.

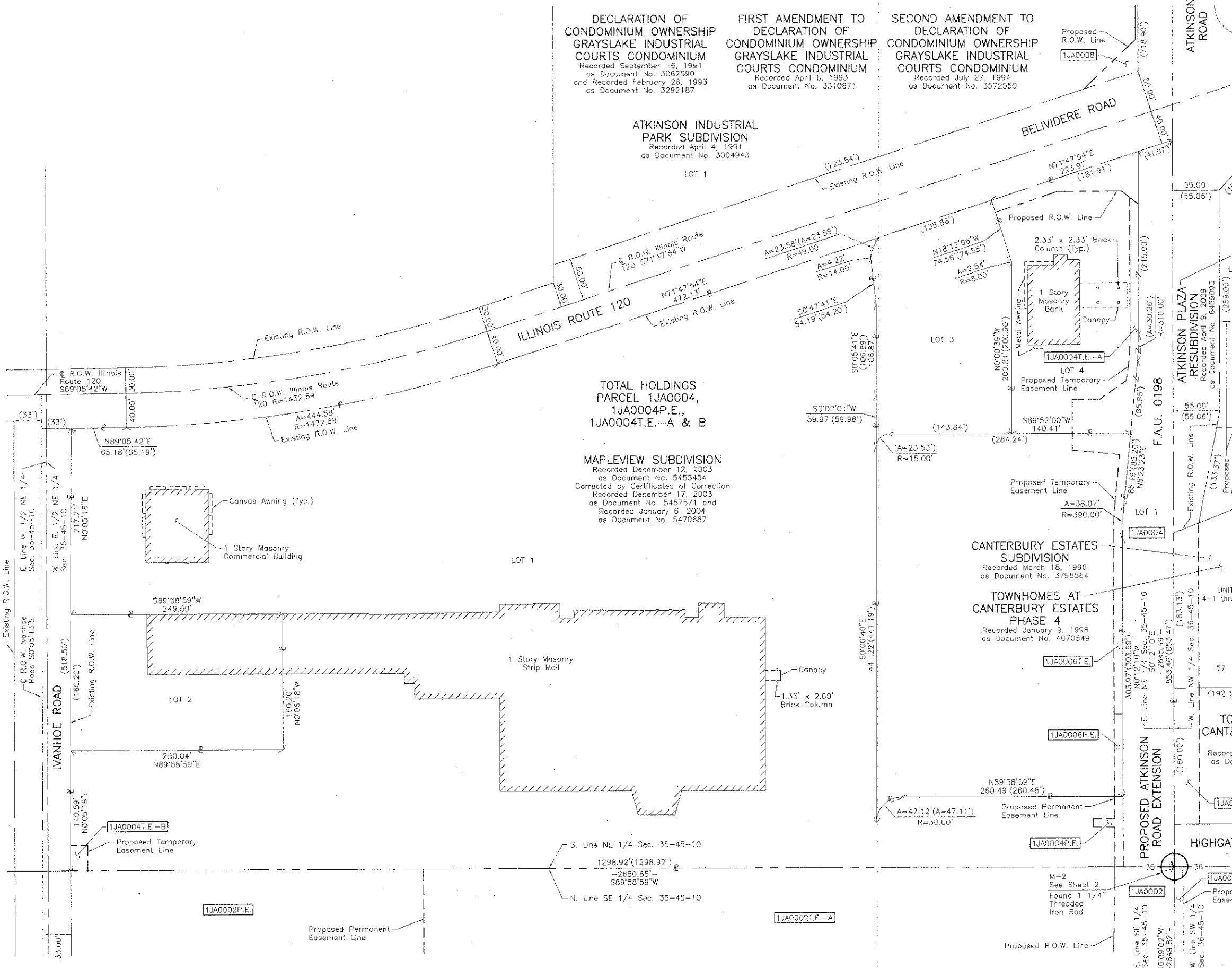
*Christian H. Jorgensen* PRESIDENT  
 2797 PROFESSIONAL LAND SURVEYOR NO. 36-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.U. 0198 (ATKINSON ROAD EXTENSION)  
 SECTION 00-00045-00-PV LAKE COUNTY  
 PROJECT JOB NO. R-91-008-06  
 STATION NONE TO STATION  
 SCALE: 1"=60' SHEET 11 OF 15

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



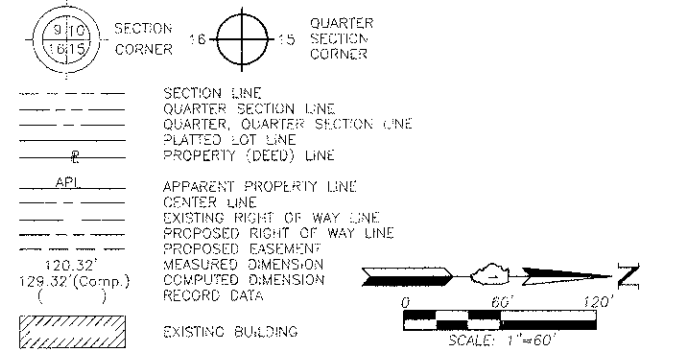
FIRST AMENDMENT TO DECLARATION OF CONDOMINIUM OWNERSHIP GRAYSLAKE INDUSTRIAL COURTS CONDOMINIUM  
RECORDED APRIL 6, 1993 AS DOCUMENT NO. 3310671  
SECOND AMENDMENT TO DECLARATION OF CONDOMINIUM OWNERSHIP GRAYSLAKE INDUSTRIAL COURTS CONDOMINIUM  
RECORDED JULY 27, 1994 AS DOCUMENT NO. 3572550

DECLARATION OF CONDOMINIUM OWNERSHIP GRAYSLAKE INDUSTRIAL COURTS CONDOMINIUM  
RECORDED SEPTEMBER 16, 1991 AS DOCUMENT NO. 3062590 AND RECORDED FEBRUARY 26, 1993 AS DOCUMENT NO. 3292187

ATKINSON INDUSTRIAL PARK SUBDIVISION  
RECORDED APRIL 4, 1991 AS DOCUMENT NO. 3004943

MAPLEVIEW SUBDIVISION  
RECORDED DECEMBER 12, 2003 AS DOCUMENT NO. 5453454 CORRECTED BY CERTIFICATE OF CORRECTION RECORDED DECEMBER 17, 2003 AS DOCUMENT NO. 5457571 AND RECORDED JANUARY 6, 2004 AS DOCUMENT NO. 5470587

LEGEND



- 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.
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- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (10 HF SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
COUNTY OF LAKE }  
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 35, TOWNSHIP 45N., RANGE 10E. AND SECTION 36, TOWNSHIP 45N., RANGE 10E., 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.

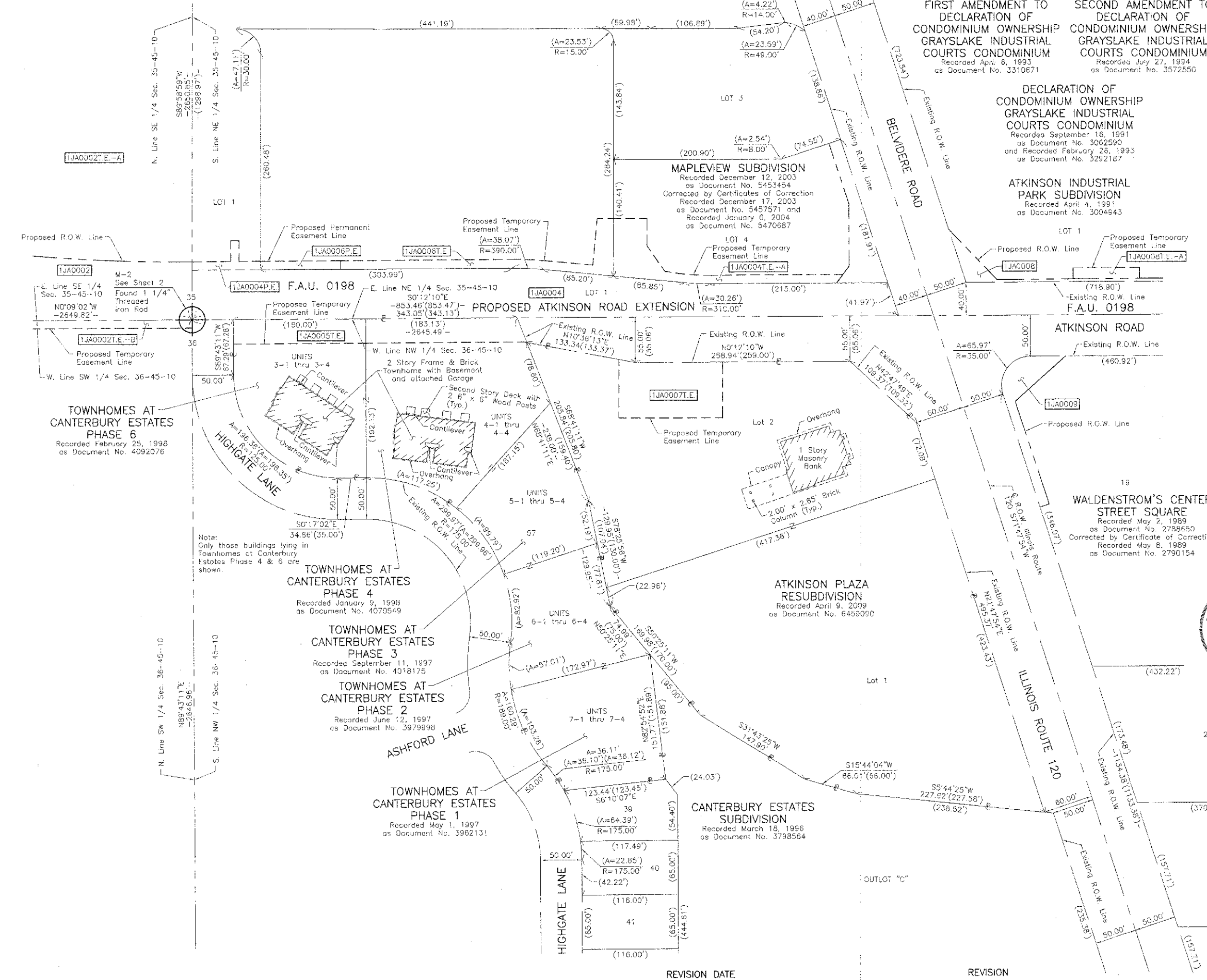


DATED AT LAKE VILLA, ILLINOIS THIS 24th DAY OF May 2011 A.D.  
Christian H. Jorgensen - PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

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

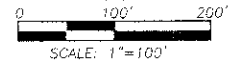
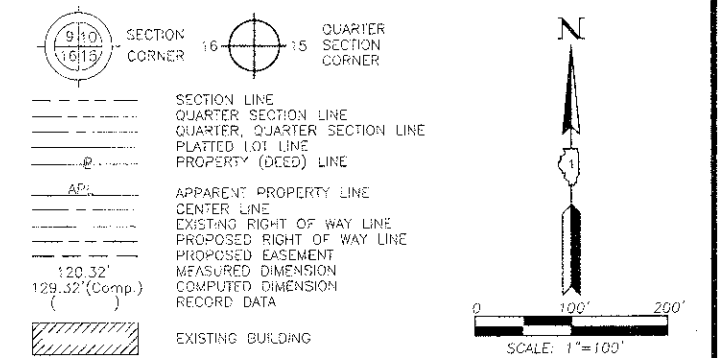
PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 0198 (ATKINSON ROAD EXTENSION)  
SECTION 00-00045-00-PV LAKE COUNTY  
PROJECT JOB NO. R-91-008-06  
STATION NONE TO STATION  
SCALE: 1"=60' SHEET 12 OF 15

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





**LEGEND**

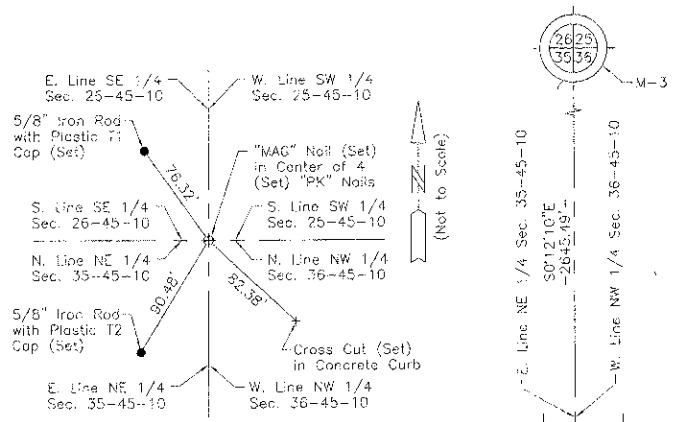


Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2 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.
- BT1 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.
- BT2 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.
- BT3 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 } SS  
 COUNTY OF LAKE }  
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 35, TOWNSHIP 45N., RANGE 10E. AND SECTION 36, TOWNSHIP 45N., RANGE 10E., 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 LAKE VILLA, ILLINOIS THIS 26<sup>th</sup> DAY OF May, 2012 A.D.  
  
 Christian H. Jorgensen, PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



**M-3 "Monument Record"**  
 Northwest Corner of Section 35-45-10  
 N. 2°07'49" E. 535'-E. 1,067.352.21'  
 Recorded May 26, 2011  
 Document No. 6736039

**ATKINSON INDUSTRIAL PARK SUBDIVISION**  
 Recorded April 4, 1991  
 as Document No. 3004943

**DECLARATION OF CONDOMINIUM OWNERSHIP GRAYSLAKE INDUSTRIAL COURTS CONDOMINIUM**  
 Recorded September 16, 1991  
 as Document No. 3062590  
 and Recorded February 26, 1993  
 as Document No. 3292187

**FIRST AMENDMENT TO DECLARATION OF CONDOMINIUM OWNERSHIP GRAYSLAKE INDUSTRIAL COURTS CONDOMINIUM**  
 Recorded April 6, 1993  
 as Document No. 3310671

**SECOND AMENDMENT TO DECLARATION OF CONDOMINIUM OWNERSHIP GRAYSLAKE INDUSTRIAL COURTS CONDOMINIUM**  
 Recorded July 27, 1994  
 as Document No. 3572550

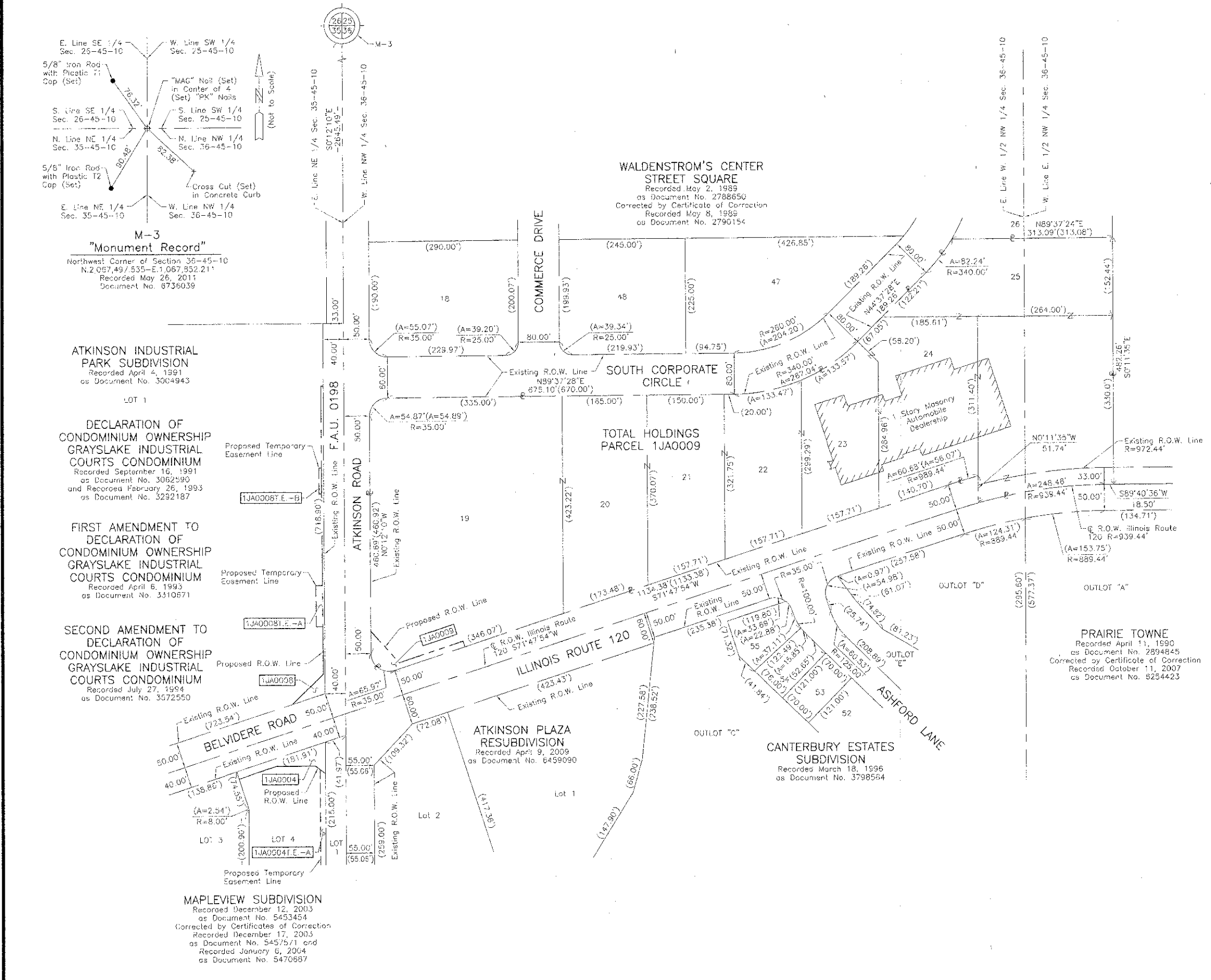
**MAPLEVIEW SUBDIVISION**  
 Recorded December 12, 2003  
 as Document No. 5453454  
 Corrected by Certificates of Correction  
 Recorded December 17, 2003  
 as Document No. 5457571 and  
 Recorded January 6, 2004  
 as Document No. 5470687

**WALDENSTROM'S CENTER STREET SQUARE**  
 Recorded May 2, 1989  
 as Document No. 2788650  
 Corrected by Certificate of Correction  
 Recorded May 8, 1989  
 as Document No. 2790154

**PRAIRIE TOWNE**  
 Recorded April 11, 1990  
 as Document No. 2894845  
 Corrected by Certificate of Correction  
 Recorded October 11, 2007  
 as Document No. 8254423

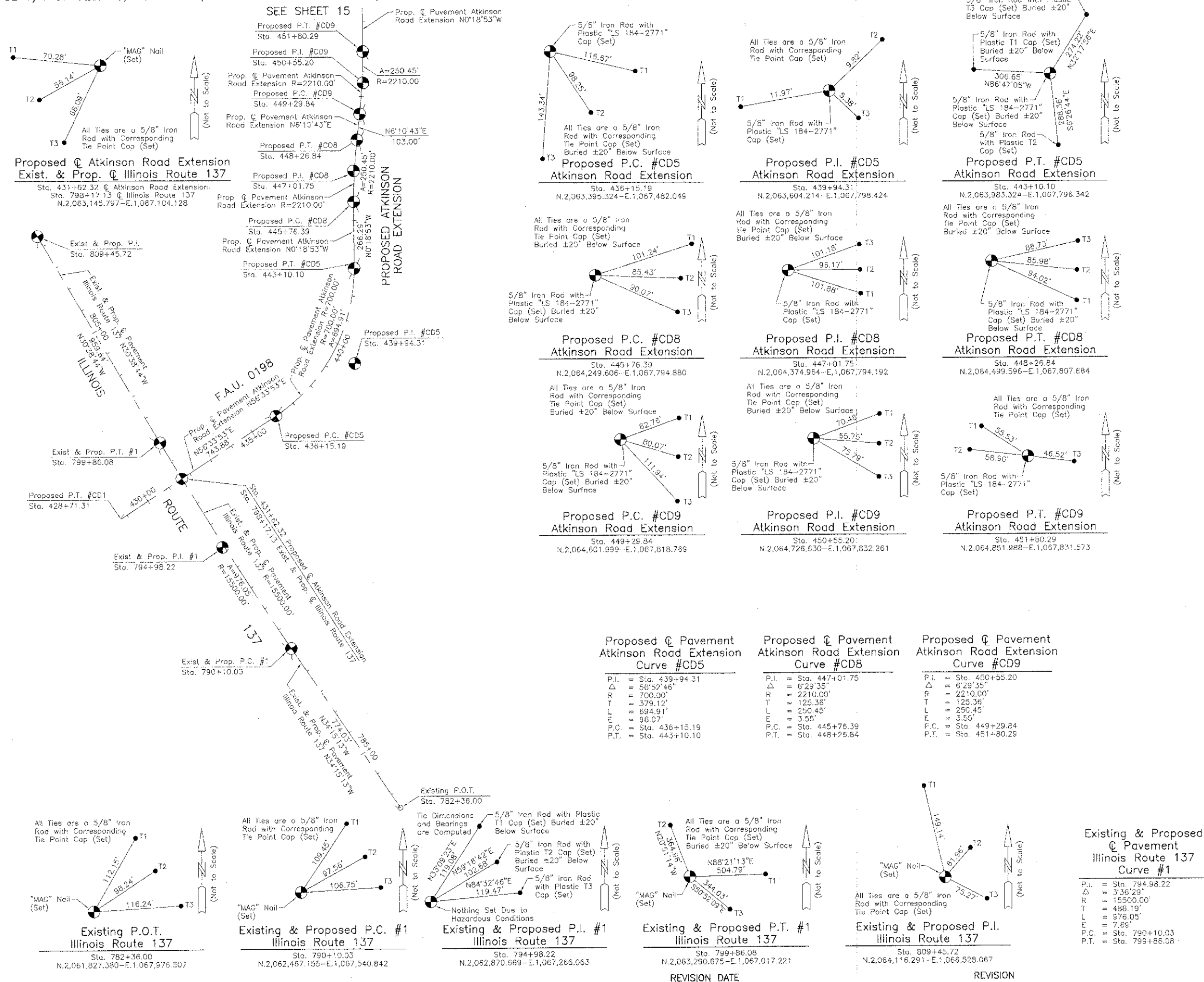
**ATKINSON PLAZA RESUBDIVISION**  
 Recorded April 9, 2009  
 as Document No. 6459090

**CANTERBURY ESTATES SUBDIVISION**  
 Recorded March 18, 1996  
 as Document No. 3798554



PART OF THE NW 1/4 OF SEC. 1 AND PART OF THE NE 1/4 SEC. 2, TWP. 44 N., R. 10 E. OF THE 3RD. P.M. AND PART OF THE SE 1/4 OF SEC. 35, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

TOTAL SHEETS	SHEET NO.
195	89



### LEGEND

SECTION CORNER 18 15  
QUARTER SECTION CORNER

SECTION LINE  
QUARTER SECTION LINE  
QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APPARENT PROPERTY LINE  
CENTER LINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.

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

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

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
● BT2  
● BT3

■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 1, TOWNSHIP 44N., RANGE 10E. AND SECTION 35, TOWNSHIP 45N., RANGE 10E., 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 LAKE VILLA, ILLINOIS THIS 25<sup>TH</sup> DAY OF May, 2011 A.D.



*Christian H. Jorgensen* PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Note: Surface Coordinates are Shown

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

SHEET 1 IS A COVER  
SHEET AND IS NOT RECORDED.

### PLAT OF HIGHWAYS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 0198 (ATKINSON ROAD EXTENSION)

SECTION 00-00045-00-PV LAKE COUNTY  
PROJECT JOB NO. R-91-008-06  
STATION 428+71.31 TO STATION 453+00 (ATKINSON RD.)  
STATION 782+36.00 TO STATION 809+45.72 (ILL. ROUTE 137)  
SCALE: 1"=200' SHEET 14 OF 15

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





**ATKINSON ROAD CURVE #1**

	NORTHBOUND			SOUTHBOUND			
	STATION	MAINLINE BASELINE (P.G.L.) ELEVATION	CROSS SLOPE %	MAINLINE RIGHT E.O.P. ELEVATION	MAINLINE BASELINE (P.G.L.) ELEVATION	CROSS SLOPE %	MAINLINE LEFT E.O.P. ELEVATION
	435+00.00	807.30	-2.00%	806.93	807.30	-2.00%	806.93
	435+25.00	807.19	-2.00%	806.82	807.19	-2.00%	806.82
BEGIN TANGENT RUNOUT	435+31.00	807.17	-2.00%	806.80	807.17	-2.00%	806.80
	435+50.00	807.13	-1.16%	806.92	807.13	-2.00%	806.76
	435+75.00	807.12	0.04%	807.13	807.12	-2.00%	806.75
BEGIN SUPERELEVATION RUNOFF	435+76.00	807.12	0.00%	807.12	807.12	-2.00%	806.75
	436+00.00	807.15	1.07%	807.35	807.15	-2.00%	806.78
	436+21.00	807.21	2.00%	807.58	807.21	-2.00%	806.84
	436+25.00	807.23	2.19%	807.64	807.23	-2.19%	806.82
BEGIN FULL SUPERELEVATION	436+43.00	807.31	3.00%	807.67	807.31	-3.00%	806.76
	436+50.00	807.35	3.00%	807.91	807.35	-3.00%	806.80
	437+00.00	807.74	3.00%	808.30	807.74	-3.00%	807.19
	438+00.00	808.25	3.00%	809.52	808.25	-3.00%	807.42
	439+00.00	807.83	3.00%	809.10	807.83	-3.00%	807.11
	440+00.00	806.55	3.00%	807.73	806.55	-3.00%	805.94
	441+00.00	805.10	3.00%	806.20	805.10	-3.00%	804.56
	442+00.00	803.65	3.00%	804.66	803.65	-3.00%	803.11
	442+50.00	802.92	3.00%	803.89	802.92	-3.00%	802.38
END FULL SUPERELEVATION	442+82.00	802.46	3.00%	803.40	802.46	-3.00%	801.92
	443+00.00	802.20	2.19%	802.88	802.20	-2.19%	801.81
	443+04.00	802.14	2.00%	802.76	802.14	-2.00%	801.78
	443+25.00	801.84	1.07%	802.16	801.84	-2.00%	801.48
END SUPERELEVATION RUNOFF	443+49.00	801.49	0.00%	801.49	801.49	-2.00%	801.13
	443+50.00	801.47	-0.04%	801.46	801.47	-2.00%	801.11
	443+75.00	801.11	-1.16%	800.77	801.11	-2.00%	800.75
END TANGENT RUNOUT	443+94.00	800.84	-2.00%	800.24	800.84	-2.00%	800.48
	444+00.00	800.75	-2.00%	800.15	800.75	-2.00%	800.39

**ATKINSON ROAD CURVE #2**

	NORTHBOUND			SOUTHBOUND			
	STATION	MAINLINE BASELINE (P.G.L.) ELEVATION	CROSS SLOPE %	MAINLINE RIGHT E.O.P. ELEVATION	MAINLINE BASELINE (P.G.L.) ELEVATION	CROSS SLOPE %	MAINLINE LEFT E.O.P. ELEVATION
	444+50.00	800.02	-2.00%	799.45	800.02	-2.00%	799.66
BEGIN TANGENT RUNOUT	444+68.00	799.76	-2.00%	799.19	799.76	-2.00%	799.40
	444+75.00	799.66	-2.00%	799.09	799.66	-1.75%	799.35
	445+00.00	799.30	-2.00%	798.74	799.30	-0.86%	799.15
BEGIN SUPERELEVATION RUNOFF	445+24.00	798.95	-2.00%	798.40	798.95	0.00%	798.95
	445+25.00	798.94	-2.00%	798.39	798.94	0.04%	798.94
	445+50.00	798.57	-2.00%	798.04	798.57	0.92%	798.74
	445+75.00	798.21	-2.00%	797.68	798.21	1.81%	798.54
	445+80.00	798.14	-2.00%	797.61	798.14	2.00%	798.50
BEGIN FULL SUPERELEVATION	446+00.00	797.85	-2.70%	797.16	797.85	2.70%	798.33
	446+01.00	797.84	-2.73%	797.12	797.84	2.73%	798.33
	447+00.00	796.73	-2.73%	796.08	796.73	2.73%	797.22
END FULL SUPERELEVATION	448+00.00	796.25	-2.73%	795.69	796.25	2.73%	796.74
	448+02.00	796.25	-2.73%	795.67	796.25	2.73%	796.74
	448+25.00	796.24	-1.91%	795.84	796.24	1.91%	796.58
	448+50.00	796.26	-1.02%	796.07	796.26	1.02%	796.44
	448+75.00	796.33	-0.12%	796.30	796.33	0.12%	796.35
END SUPERELEVATION RUNOFF	448+78.50	796.34	0.00%	796.34	796.34	0.00%	796.34
	449+00.00	796.43	0.77%	796.57	796.43	-0.77%	796.29
	449+25.00	796.56	1.66%	796.88	796.56	-1.66%	796.26
BEGIN FULL SUPERELEVATION	449+55.00	796.71	2.73%	797.23	796.71	-2.73%	796.22
	450+00.00	796.94	2.73%	797.43	796.94	-2.73%	796.45
	451+00.00	797.44	2.73%	797.94	797.44	-2.73%	796.95
END FULL SUPERELEVATION	451+55.00	797.69	2.73%	798.18	797.69	-2.73%	797.19
	451+75.00	797.72	2.02%	798.09	797.72	-2.02%	797.36
	451+76.00	797.72	2.00%	798.08	797.72	-2.00%	797.36
	452+00.00	797.72	1.13%	797.93	797.72	-2.00%	797.36
	452+25.00	797.67	0.25%	797.72	797.67	-2.00%	797.31
END SUPERELEVATION RUNOFF	452+32.00	797.65	0.00%	797.65	797.65	-2.00%	797.29
	452+50.00	797.57	-0.64%	797.46	797.57	-2.00%	797.21
	452+75.00	797.42	-1.54%	797.15	797.42	-2.00%	797.06
END TANGENT RUNOUT	452+88.00	797.33	-2.00%	796.97	797.33	-2.00%	796.97
	453+00.00	797.25	-2.00%	796.89	797.25	-2.00%	796.89



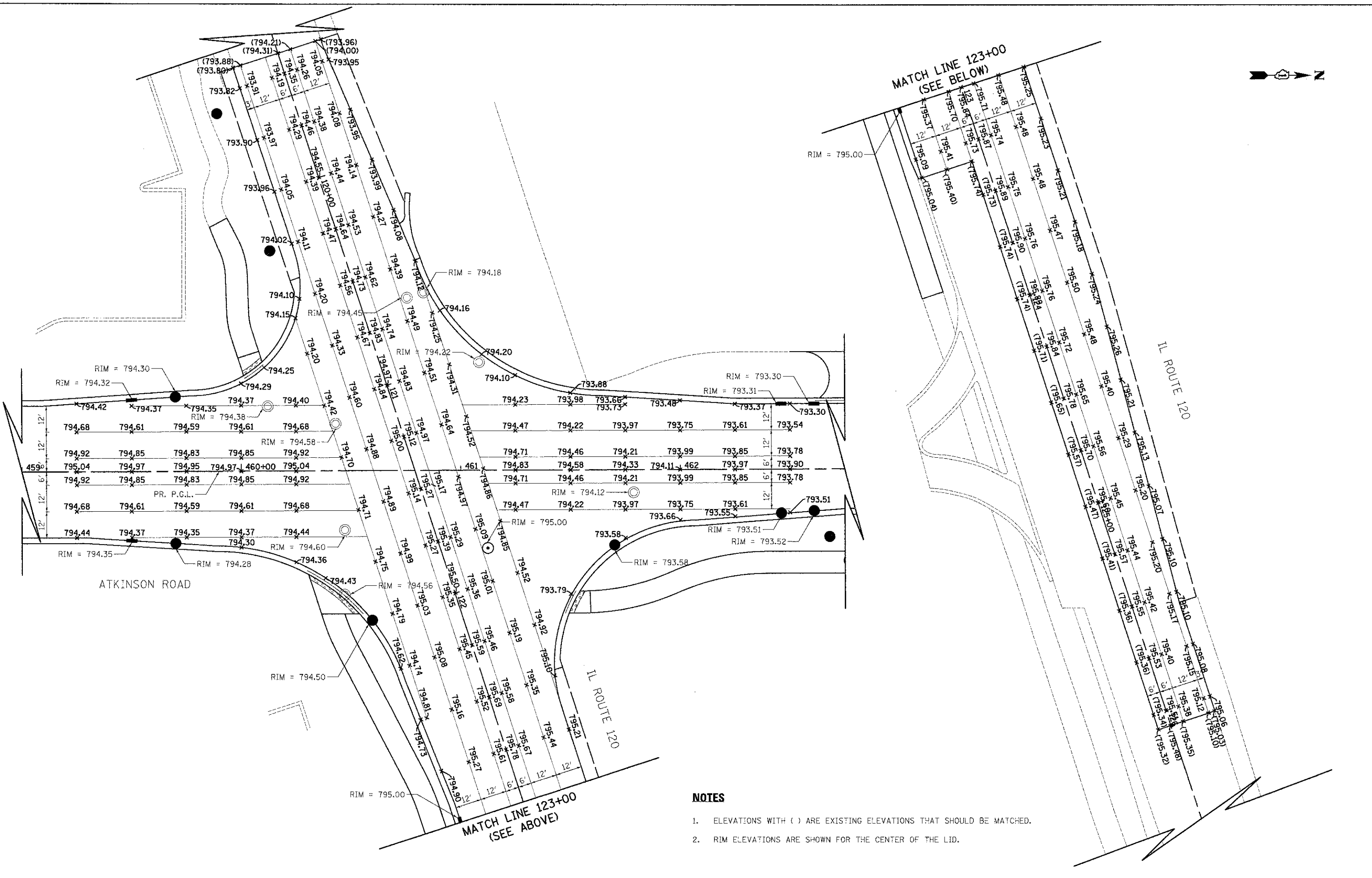
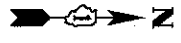
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUPERELEVATION TABLE**

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

F.A.P. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 91
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTES**

1. ELEVATIONS WITH ( ) ARE EXISTING ELEVATIONS THAT SHOULD BE MATCHED.
2. RIM ELEVATIONS ARE SHOWN FOR THE CENTER OF THE LID.



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 PLOT DATE = 2/2/2012

DESIGNED - JSM  
 DRAWN - JSM  
 CHECKED - DNM  
 DATE - 02/06/12

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION GRADING PLAN  
 ATKINSON ROAD & IL ROUTE 120**

SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 459+00 TO STA. 463+00

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 92
CONTRACT NO. 63640			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

SIGNING SCHEDULE										
LOCATION	SIGN	SIZE (FT)	AREA (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	TELESCOPING STEEL SIGN SUPPORT		
STATION	OFFSET	W	H	72400100	72400500	72000100	72000200	72800100		
ATKINSON ROAD										
432+36	47.1 LT	R1-1	3 x 3	9				9		15
432+36	58.2 LT	M5-1	2.5 x 2	5				5		16
432+36	58.2 LT	M6-4	1.75 x 1.25	2.2				2.2		
433+50	37.0 LT	R3-8	4 x 2.5	10			10			15
434+00	30.5 RT	R2-1	2.5 x 3	7.5			7.5			15
435+15	30.5 RT	W1-2(L)	3 x 3	9						15
436+85	30.5 LT	M2-1	2.5 x 1.25	3.1				3.1		18
436+85	30.5 LT	M1-5	3 x 3	9				9		
436+85	30.5 LT	R3-8	4 x 2.5	10			10			
443+15	23.0 LT	W1-2(R)	3 x 3	9				9		15
444+76	31.5 RT	W1-4(R)	3 x 3	9				9		15
451+80	23.1 LT	R2-1	2.5 x 3	7.5			7.5			15
451+80	23.1 RT	R2-1	2.5 x 3	7.5			7.5			15
452+80	23.1 LT	W1-4(R)	3 x 3	9				9		15
453+30	24.1 RT	M2-1	2.50 x 1.25	3.1				3.1		16
453+30	24.1 RT	M1-5	3.75 x 3	11.3			11.3			
454+30	24.1 RT	W1-4(R)	3 x 3	9				9		15
456+91	68.2 LT	R1-1	2.5 x 2.5	6.3	1					15
457+75	36.1 LT	W1-4(R)	3 x 3	9				9		15
458+11	31.2 RT	R1-1	2.5 x 2.5	6.3	1					15
458+50	35.1 LT	R2-1	2.5 x 3	7.5			7.5			15
458+53	34.9 RT	R3-8B	5 x 2.5	12.5			12.5			30
459+36	38.0 LT	R3-8B	5 x 2.5	12.5			12.5			30
459+89	39.1 RT	M1-5	2.5 x 2	5			5			16
459+89	39.1 RT	M6-4	1.75 x 1.25	2.2			2.2			
461+65	34.0 LT	M1-5	2.5 x 2	5			5			16
461+65	34.0 LT	M6-4	1.75 x 1.25	2.2			2.2			
461+90	47.1 RT	D3-1	2 x 0.5	1		1				13
461+90	47.1 RT	D3-1	1 x 0.5	0.5		1				
462+35	36.6 LT	R3-8B	5 x 2.5	12.5			12.5			15
465+38	37.0 LT	R2-1	2.5 x 3	7.5	1					
465+38	37.0 LT	SPECIAL	1 x 1.25	1.3	1					
463+54	28.5 RT	R2-1	2.5 x 3	7.5		1				15
466+10	27.6 LT	R3-8B	5 x 2.5	12.5			12.5			15
467+72	30.0 LT	M2-1	2.50 x 1.25	3.1			3.1			16
467+72	30.0 LT	M1-5	3.75 x 3	11.3			11.3			
IL ROUTE 120										
122+00	44.9 RT	D11-1	2 x 1.5	3		1				15
122+00	44.9 RT	M7-1	1 x 0.75	0.8		1				
122+70	52.0 LT	SPECIAL	3 x 2	6	1					
122+70	52.0 LT	SPECIAL	3 x 2	6	1					
123+40	47.3 LT	R3-5R	2.5 x 3	7.5		1				15
123+78	44.3 LT	SPECIAL	2 x 2.5	5	1					

SIGNING SCHEDULE										
LOCATION	SIGN	SIZE (FT)	AREA (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	TELESCOPING STEEL SIGN SUPPORT		
STATION	OFFSET	W	H	72400100	72400500	72000100	72000200	72800100		
IL ROUTE 137										
790+00	33.4 RT	W2-2R	3 x 3	9				9		16
790+00	33.4 RT	D3-1	2.5 x 0.75	1.9				1.9		
791+79	30.8 LT	R2-1	2.5 x 3	7.5					1	15
791+79	30.8 RT	R2-1	2.5 x 3	7.5					1	15
794+80	43.6 RT	R3-5R	2.5 x 3	7.5					7.5	15
796+93	28.3 LT	W14-3	2 x 3	6					1	
797+54	58.9 RT	D3-1	3 x 1	3					3	14
797+54	58.9 RT	D3-1	2 x 1	2					2	
798+17	18.5 LT	W1-7	4 x 2	8					8	14
798+28	22.1 RT	W14-3	2 x 3	6					1	
799+50	46.4 RT	M2-1	2.5 x 1.25	3.1					1	16
799+50	46.4 RT	M1-5	3 x 3	9					1	
802+25	51.2 RT	M3-3	2 x 1	2					1	17
802+25	51.2 RT	M1-5	2 x 2	4					1	
802+25	51.2 RT	M5-1L	1.75 x 1.25	2.2					1	
802+25	51.2 RT	M3-1	2 x 1	2					1	17
802+25	51.2 RT	M1-5	2 x 2	4					1	
802+25	51.2 RT	M5-3	1.75 x 1.25	2.2					1	
802+60	31.0 LT	W2-2(L)	3 x 3	9					9	16
802+60	31.0 LT	D3-1	2.5 x 0.75	1.9					1.9	
805+15	42.0 RT	W10-2	3 x 3	9					9	16
805+15	42.0 RT	W10-9	2 x 1.5	3					3	
806+50	42.0 RT	M4-6	2 x 1	2					1	18
806+50	42.0 RT	M1-5	2.5 x 2	5					1	
806+50	42.0 RT	M3-3	2 x 1	2					1	
806+50	42.0 RT	M1-5	2 x 2	4					1	
806+50	42.0 RT	M6-1L	1.75 x 1.25	2.2					1	18
806+50	42.0 RT	M3-1	2 x 1	2					1	
806+50	42.0 RT	M1-5	2 x 2	4					1	
806+50	42.0 RT	M5-3	1.75 x 1.25	2.2					1	
807+80	116.4 LT	R8-8	2 x 2.5	5					5	15
808+52	28.7 RT	SPECIAL	2.5 x 2	5					1	
808+92	59.2 LT	R8-8	2 x 2.5	5					5	15
				TOTAL=	8	26	197	93	693	



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 PLOT DATE = 2/2/2012

DESIGNED - JSM  
 DRAWN - JSM  
 CHECKED - DNM  
 DATE - 02/06/12

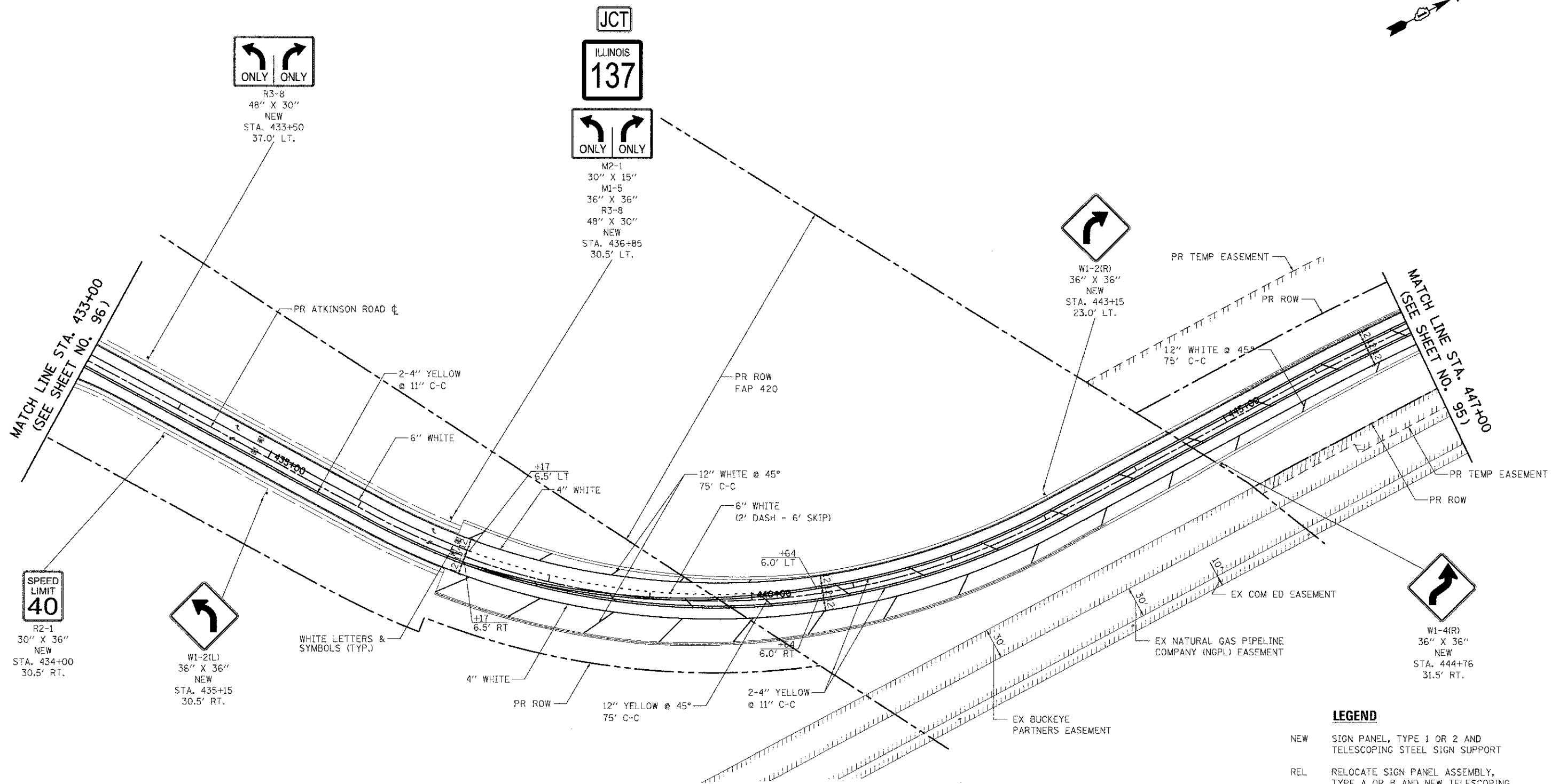
REVISED -  
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 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING SCHEDULE

SCALE: N.T.S. SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE. 198	SECTION 00-0045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 93
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTES**

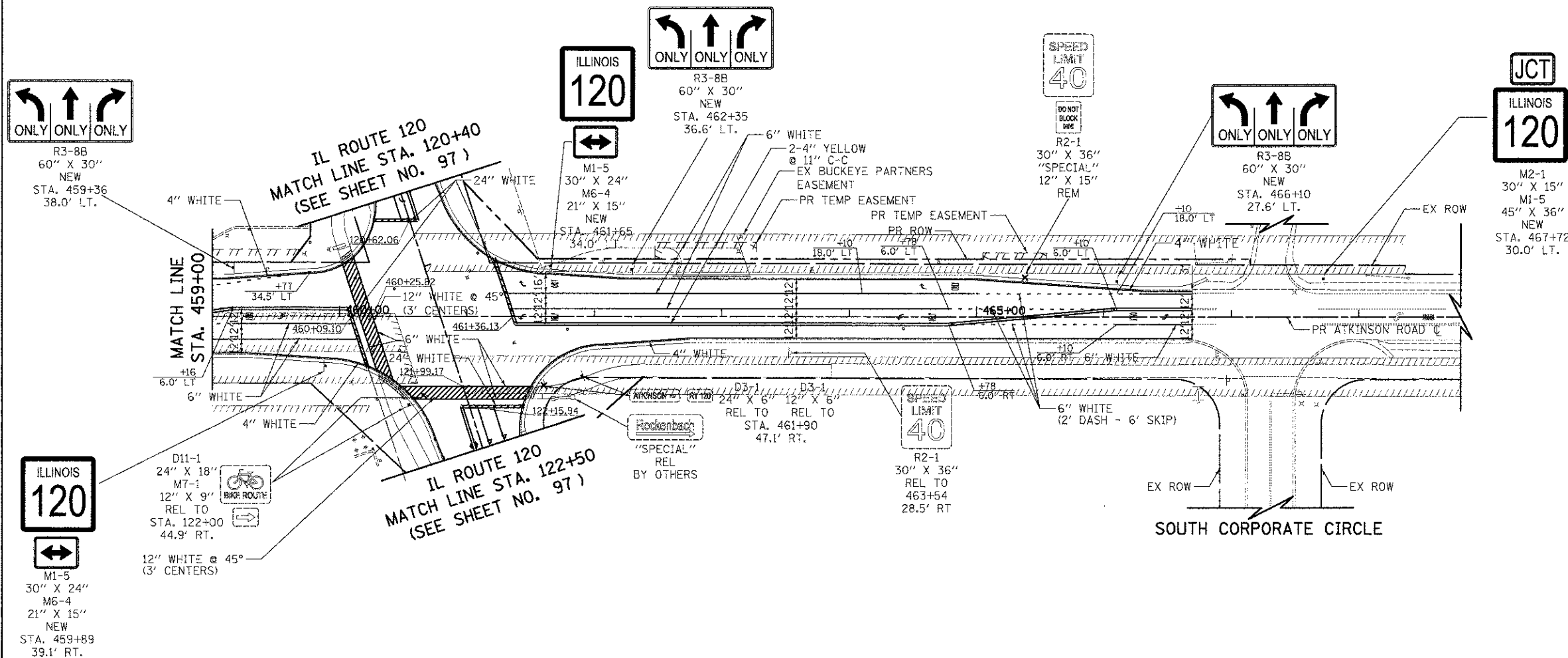
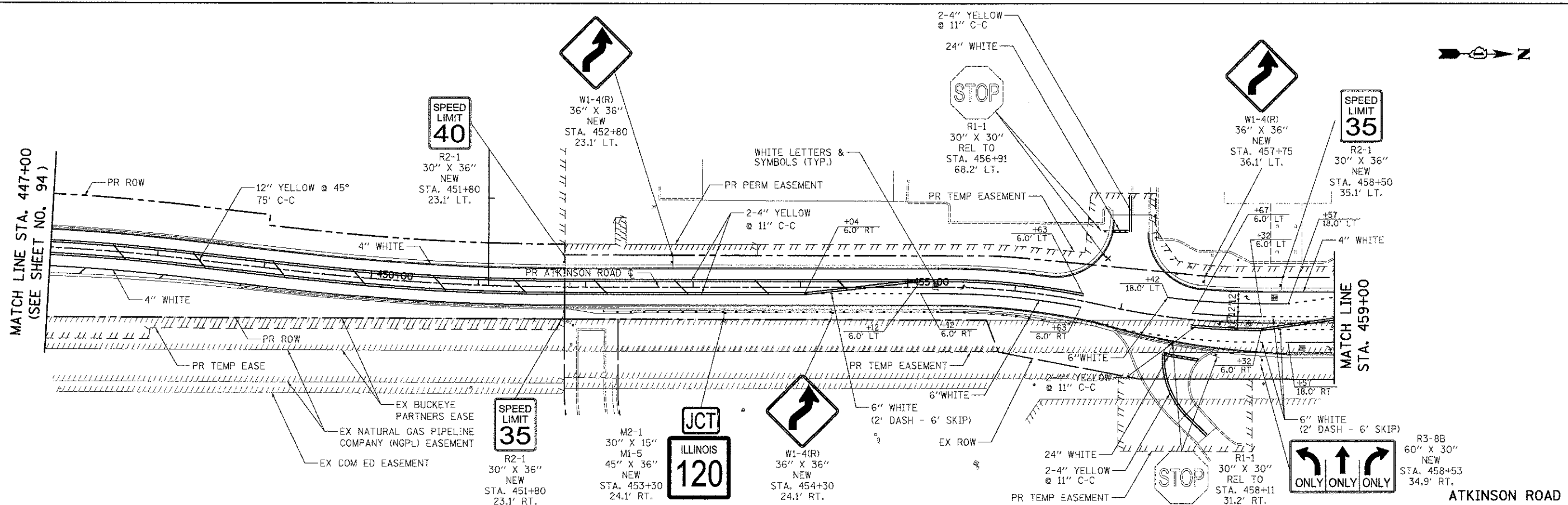
1. DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
2. SEE IDOT STANDARD TC-13 FOR TURN LANE MARKING DETAILS.
3. ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE INDICATED.
4. ALL PROPOSED SIGN FACES SHALL BE TYPE AZ (DIAMOND GRADE) REFLECTORIZED SHEETING. THIS WORK SHALL BE PAID FOR AS "SIGN PANEL" OF THE TYPE SPECIFIED.

**LEGEND**

- NEW SIGN PANEL, TYPE 1 OR 2 AND TELESCOPING STEEL SIGN SUPPORT
- REL RELOCATE SIGN PANEL ASSEMBLY, TYPE A OR B AND NEW TELESCOPING STEEL SIGN SUPPORT
- REM REMOVE SIGN PANEL ASSEMBLY, TYPE A OR B
- EXISTING SIGN
- PROPOSED SIGN
- PROPOSED WHITE LETTERS AND SYMBOLS

**ATKINSON ROAD**

	USER NAME: eds	DESIGNED: JSM	REVISED: -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ATKINSON ROAD</b> <b>PAVEMENT MARKING AND SIGNING</b>		F.A.U.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME: ...2195-sh1-pmk01.dgn	DRAWN: JSM	REVISED: -		SCALE: 1" = 50'	SHEET NO. 2 OF 5 SHEETS	STA. 433+00 TO STA. 447+00	198	00-00045-00-PV	LAKE	195
	PLOT SCALE: 50,000 / 1in	CHECKED: DNM	REVISED: -				CONTRACT NO. 63640				
	PLOT DATE: 2/2/2012	DATE: 02/06/12	REVISED: -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- LEGEND**
- NEW SIGN PANEL, TYPE 1 OR 2 AND TELESCOPING STEEL SIGN SUPPORT
  - REL RELOCATE SIGN PANEL ASSEMBLY, TYPE A OR B AND NEW TELESCOPING STEEL SIGN SUPPORT
  - REM REMOVE SIGN PANEL ASSEMBLY, TYPE A OR B
  - EXISTING SIGN
  - PROPOSED SIGN
  - PROPOSED WHITE LETTERS AND SYMBOLS
  - PROPOSED ONE WAY AMBER MARKER
  - PROPOSED ONE WAY CRYSTAL MARKER
  - PROPOSED TWO WAY AMBER MARKER
- NOTES**
1. DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
  2. SEE IDOT STANDARD TC-13 FOR TURN LANE MARKING DETAILS.
  3. ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE INDICATED.
  4. ALL PROPOSED SIGN FACES SHALL BE TYPE AZ (DIAMOND GRADE) REFLECTORIZED SHEETING. THIS WORK SHALL BE PAID FOR AS "SIGN PANEL" OF THE TYPE SPECIFIED.
  5. STATION/OFFSET CALL-OFFS NOTED WITH (B) ARE DEFINED BY THE IL ROUTE 120 (BELVIDERE ROAD) ALIGNMENT.



USER NAME: eds	DESIGNED: JSM	REVISED: -
FILE NAME: ...21819\shb\omk02.dgn	DRAWN: JSM	REVISED: -
PLOT SCALE: 50.000%	CHECKED: DNM	REVISED: -
PLOT DATE: 2/2/2012	DATE: 02/06/12	REVISED: -

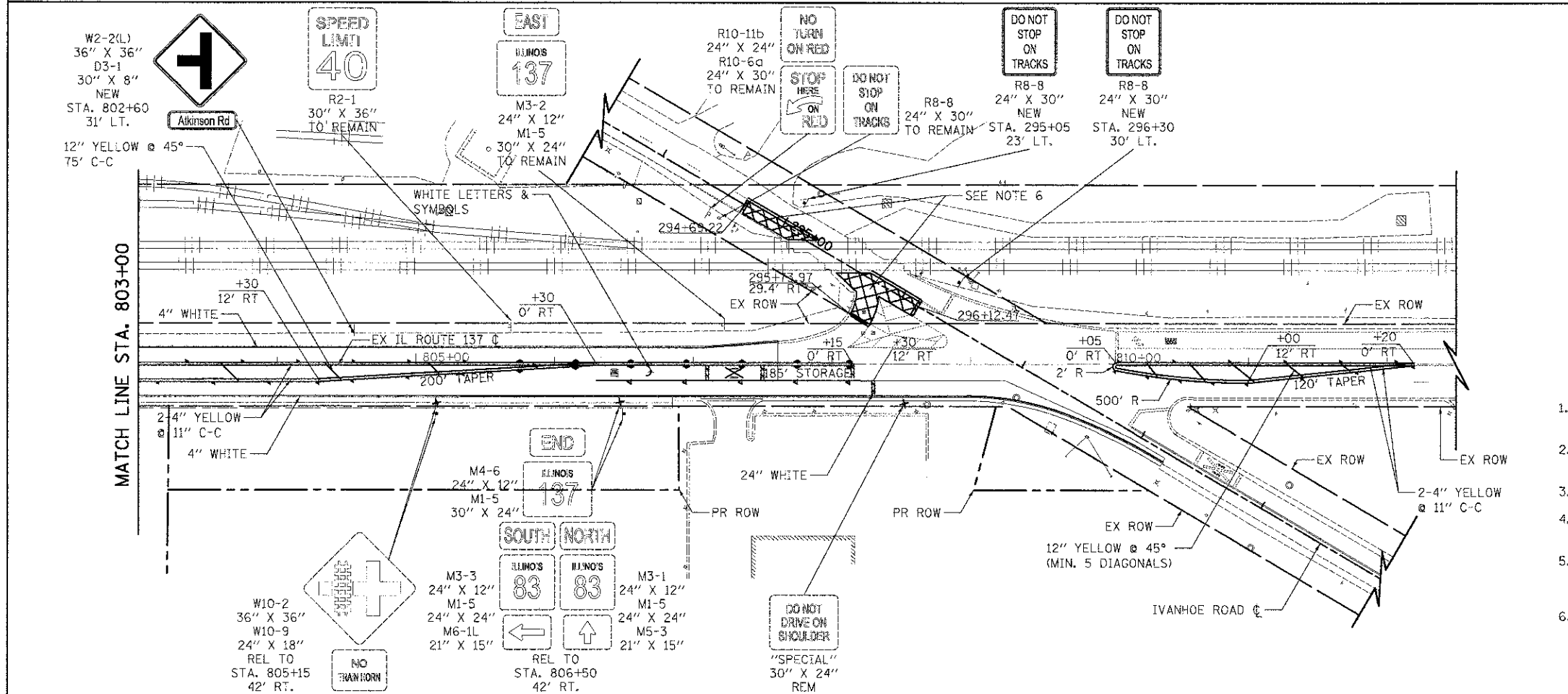
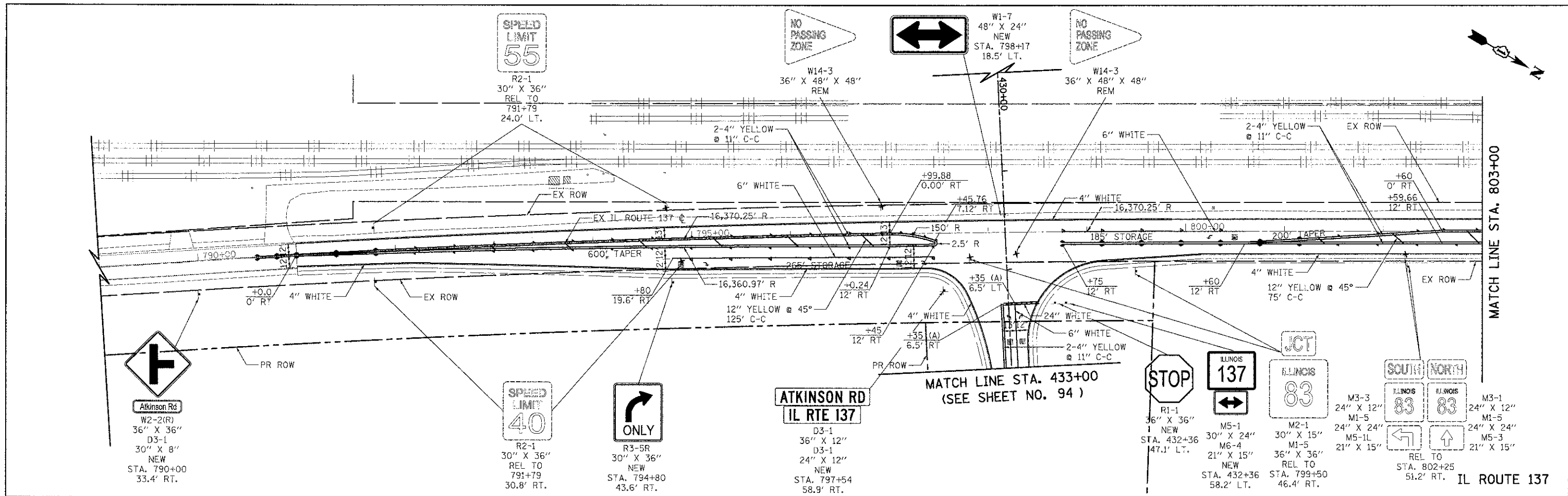
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ATKINSON ROAD  
PAVEMENT MARKING AND SIGNING**

SCALE: 1" = 50' SHEET NO. 3 OF 5 SHEETS STA. 447+00 TO STA. 438+00

F.A.U.:	SECTION	COUNTY	TOTAL SHEETS NO.
198	00-00045-00-PV	LAKE	195 95
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640

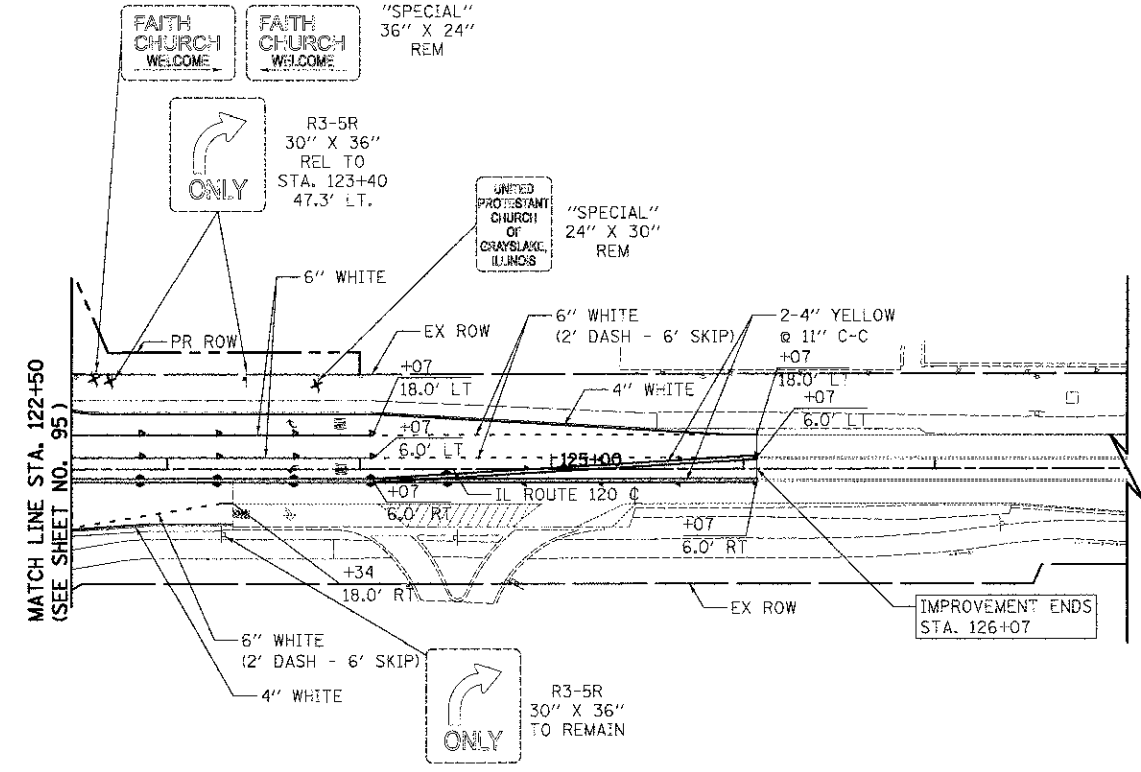
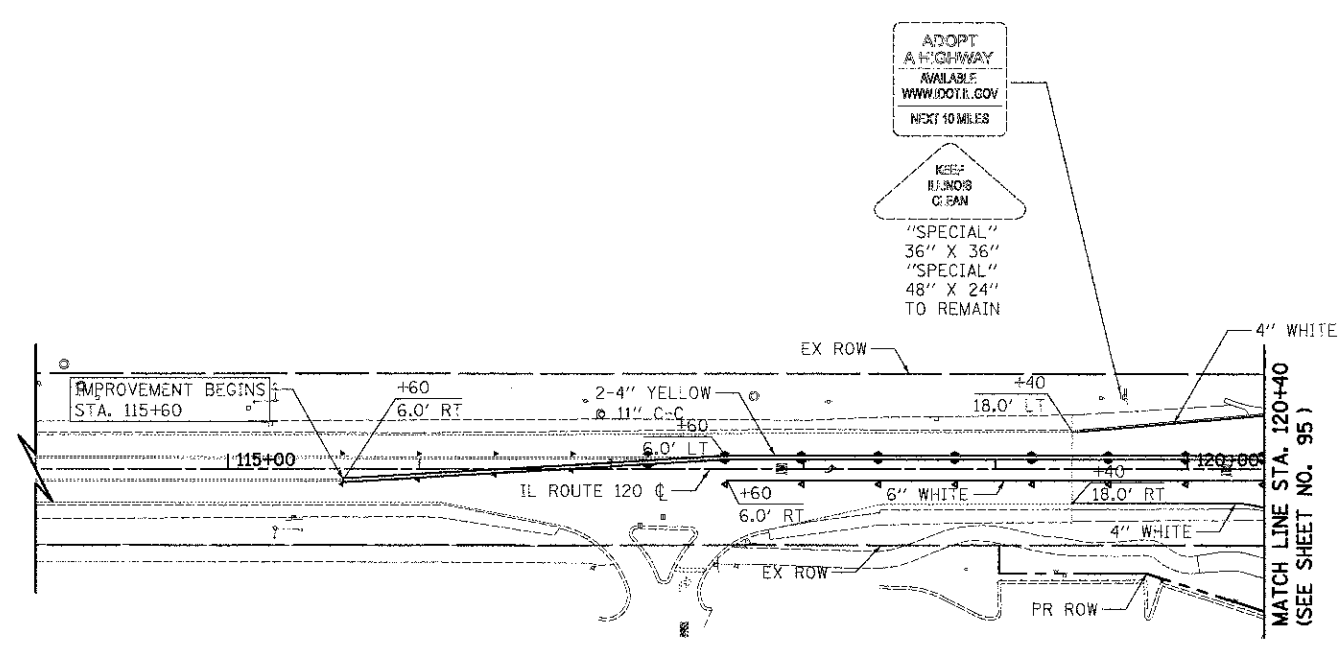
ATKINSON ROAD



- LEGEND**
- NEW SIGN PANEL, TYPE 1 OR 2 AND TELESCOPING STEEL SIGN SUPPORT
  - REL RELOCATE SIGN PANEL ASSEMBLY, TYPE A OR B AND NEW TELESCOPING STEEL SIGN SUPPORT
  - REM REMOVE SIGN PANEL ASSEMBLY, TYPE A OR B
  - EXISTING SIGN
  - PROPOSED SIGN
  - PROPOSED WHITE LETTERS AND SYMBOLS
  - PROPOSED ONE WAY AMBER MARKER
  - PROPOSED ONE WAY CRYSTAL MARKER
  - PROPOSED TWO WAY AMBER MARKER
- NOTES**
1. STATION/OFFSET CALL-OFFS NOTED WITH (A) ARE DEFINED BY THE ATKINSON ROAD ALIGNMENT.
  2. DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
  3. SEE IDOT STANDARD TC-13 FOR TURN LANE MARKING DETAILS.
  4. ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE INDICATED.
  5. ALL PROPOSED SIGN FACES SHALL BE TYPE AZ (DIAMOND GRADE) REFLECTORIZED SHEETING. THIS WORK SHALL BE PAID FOR AS "SIGN PANEL" OF THE TYPE SPECIFIED.
  6. FOR RAILROAD PAVEMENT MARKING DETAILS, SEE IDOT STANDARD TC-23, "TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS".

	USER NAME: eds FILE NAME: ...2189-shs-pmk83.dgn PLOT SCALE: 60.0000 / 1 in. PLOT DATE: 2/2/2012	DESIGNED: JSM DRAWN: JSM CHECKED: DNM DATE: 02/06/12	REVISED: - REVISED: - REVISED: - REVISED: -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL ROUTE 137</b> <b>PAVEMENT MARKING AND SIGNING</b>	F.A.U. RTE. 198 SECTION 00-00045-00-PV COUNTY LAKE TOTAL SHEETS 195 SHEET NO. 96	CONTRACT NO. 63640
	SCALE: 1" = 50' SHEET NO. 4 OF 5 SHEETS STA. 791+00 TO STA. 812+20				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		





**LEGEND**

- NEW SIGN PANEL, TYPE 1 OR 2 AND TELESCOPING STEEL SIGN SUPPORT
- REL RELOCATE SIGN PANEL ASSEMBLY, TYPE A OR B AND NEW TELESCOPING STEEL SIGN SUPPORT
- REM REMOVE SIGN PANEL ASSEMBLY, TYPE A OR B
- EXISTING SIGN
- PROPOSED SIGN
- PROPOSED WHITE LETTERS AND SYMBOLS
- PROPOSED ONE WAY AMBER MARKER
- PROPOSED ONE WAY CRYSTAL MARKER
- PROPOSED TWO WAY AMBER MARKER

**NOTES**

1. DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
2. SEE IDOT STANDARD TC-13 FOR TURN LANE MARKING DETAILS.
3. ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE INDICATED.
4. ALL PROPOSED SIGN FACES SHALL BE TYPE AZ (DIAMOND GRADE) REFLECTORIZED SHEETING. THIS WORK SHALL BE PAID FOR AS "SIGN PANEL" OF THE TYPE SPECIFIED.



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FILE NAME = ...2189-ahh-pak04.dgn	DRAWN = JSM	REVISED =
PLOT SCALE = 80,000 / 1 in.	CHECKED = DNM	REVISED =
PLOT DATE = 2/2/2012	DATE = 02/06/12	REVISED =

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL ROUTE 120 PAVEMENT MARKING AND SIGNING</b>		
SCALE: 1" = 50'	SHEET NO. 5 OF 5 SHEETS	STA. 115+60 TO STA. 126+07

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 97
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63640	

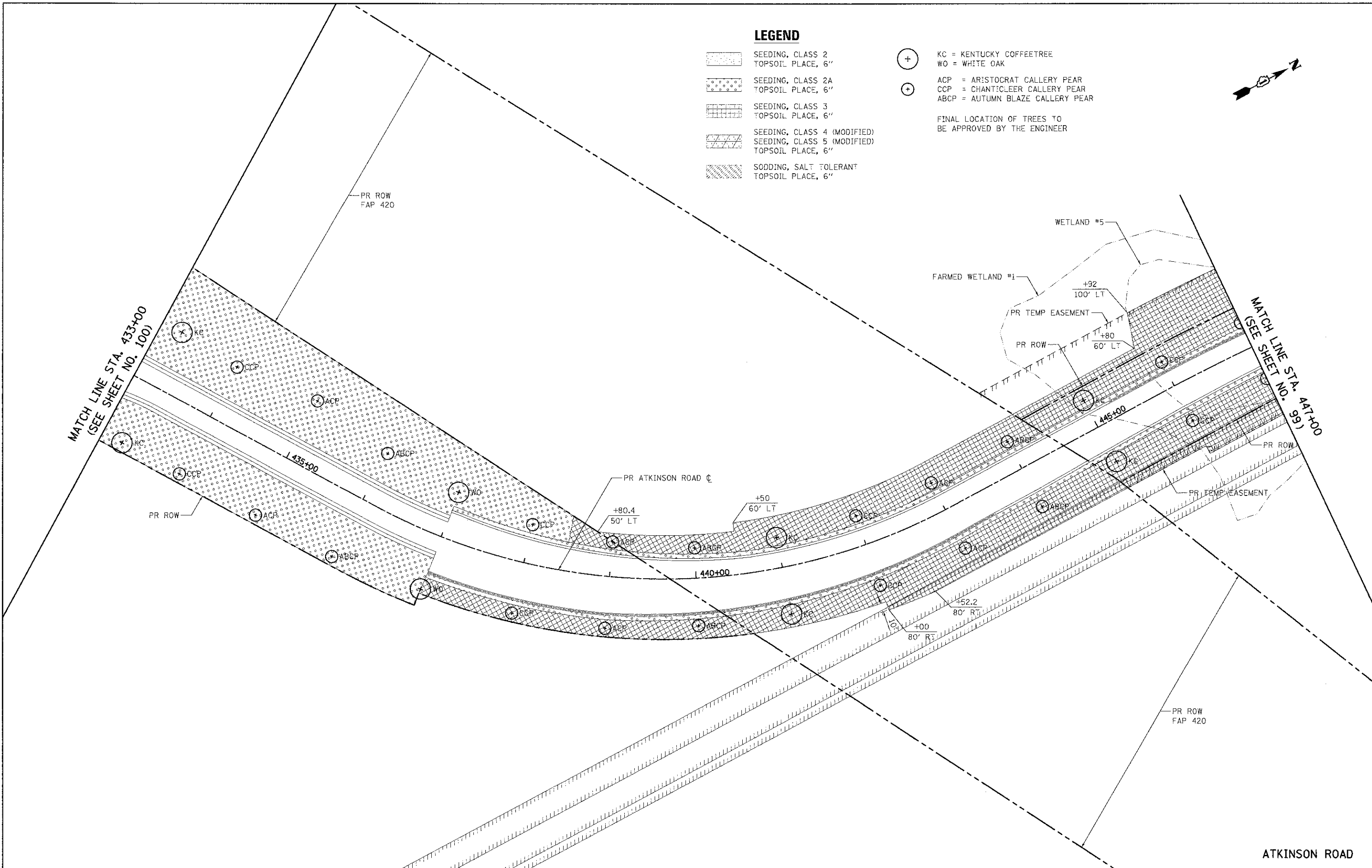
IL ROUTE 120

**LEGEND**

- SEEDING, CLASS 2  
TOPSOIL PLACE, 6"
- SEEDING, CLASS 2A  
TOPSOIL PLACE, 6"
- SEEDING, CLASS 3  
TOPSOIL PLACE, 6"
- SEEDING, CLASS 4 (MODIFIED)  
TOPSOIL PLACE, 6"
- SEEDING, CLASS 5 (MODIFIED)  
TOPSOIL PLACE, 6"
- SODDING, SALT TOLERANT  
TOPSOIL PLACE, 6"

- KC = KENTUCKY COFFEETREE
- WO = WHITE OAK
- ACP = ARISTOCRAT CALLERY PEAR
- CCP = CHANTICLEER CALLERY PEAR
- ABCP = AUTUMN BLAZE CALLERY PEAR

FINAL LOCATION OF TREES TO BE APPROVED BY THE ENGINEER



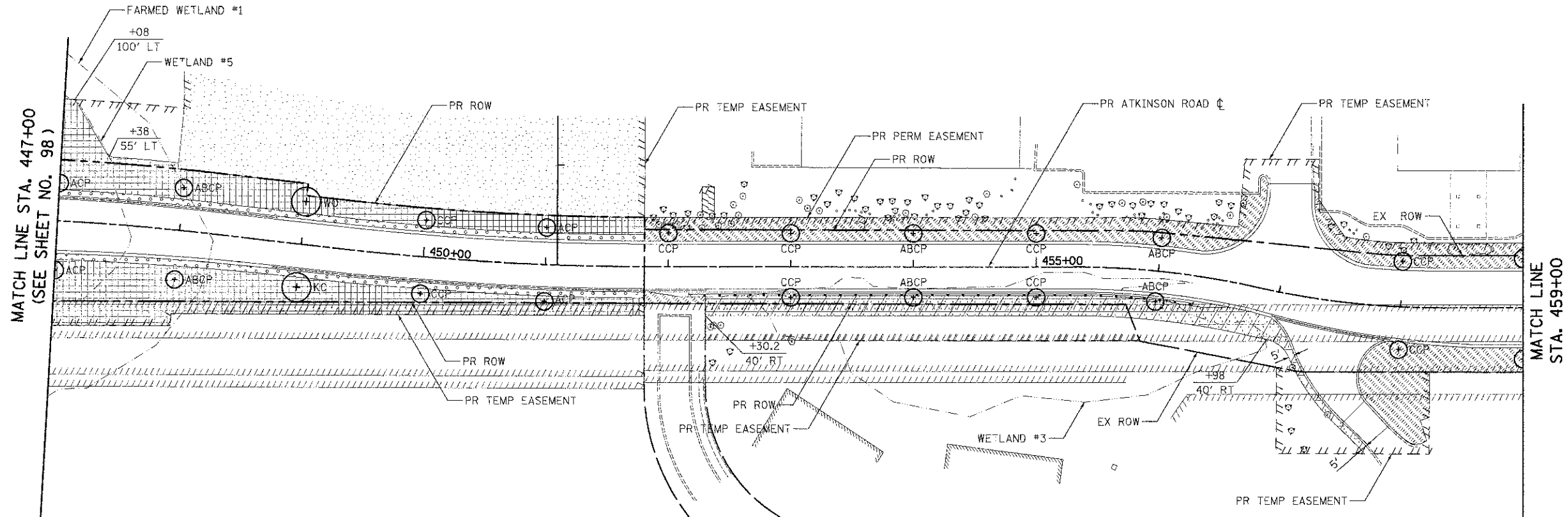
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PLOT SCALE = 50.0000' / 1"	CHECKED - DNM	REVISED -
PLOT DATE = 2/2/2012	DATE = 02/06/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

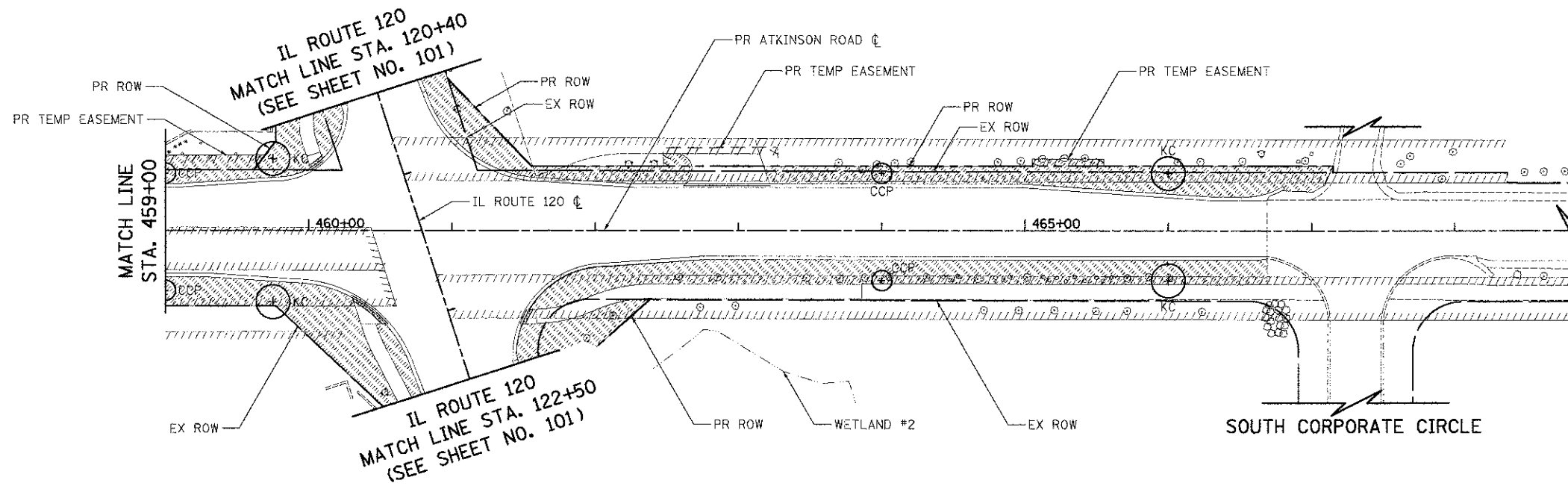
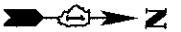
**ATKINSON ROAD  
LANDSCAPING**

SCALE: 1" = 50' SHEET NO. 1 OF 5 SHEETS STA. 433+00 TO STA. 447+00

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEET NO. 195
			SHEETS NO. 98
			CONTRACT NO. 63640
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



ATKINSON ROAD



**LEGEND**

- SEEDING, CLASS 2  
TOPSOIL PLACE, 6"
  - SEEDING, CLASS 2A  
TOPSOIL PLACE, 6"
  - SEEDING, CLASS 3  
TOPSOIL PLACE, 6"
  - SEEDING, CLASS 4 (MODIFIED)
  - SEEDING, CLASS 5 (MODIFIED)  
TOPSOIL PLACE, 6"
  - SODDING, SALT TOLERANT  
TOPSOIL PLACE, 6"
  - KC = KENTUCKY COFFEETREE
  - WO = WHITE OAK
  - ACP = ARISTOCRAT CALLERY PEAR
  - CCP = CHANTICLEER CALLERY PEAR
  - ABCP = AUTUMN BLAZE CALLERY PEAR
- FINAL LOCATION OF TREES TO BE APPROVED BY THE ENGINEER

ATKINSON ROAD



USER NAME: eds  
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 PLOT DATE: 2/2/2012

DESIGNED - MJP  
 DRAWN - MJP  
 CHECKED - DNM  
 DATE - 02/06/12

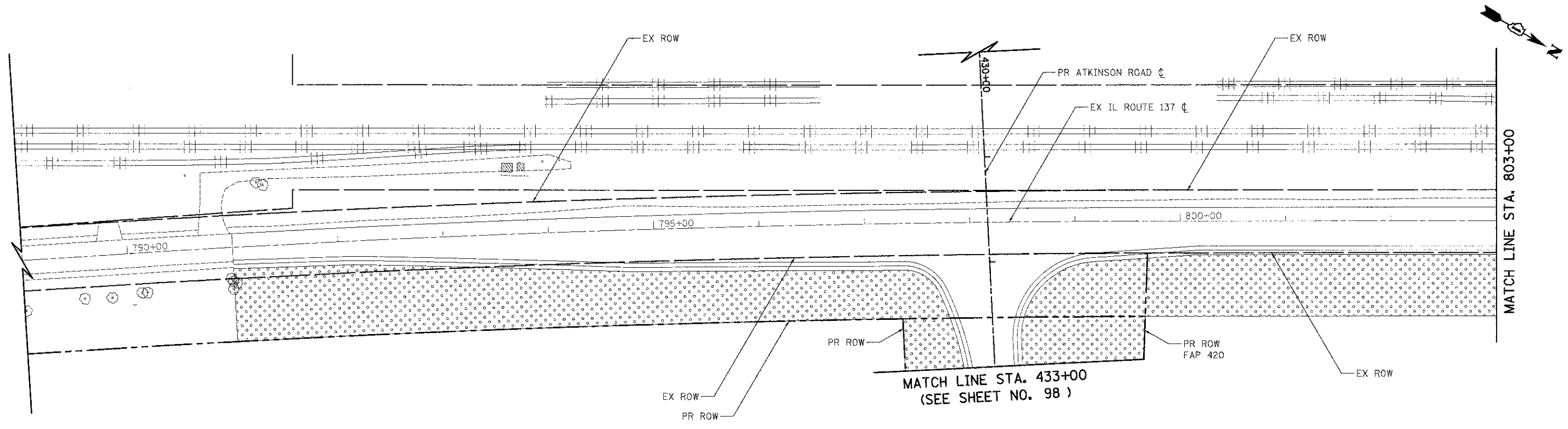
REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

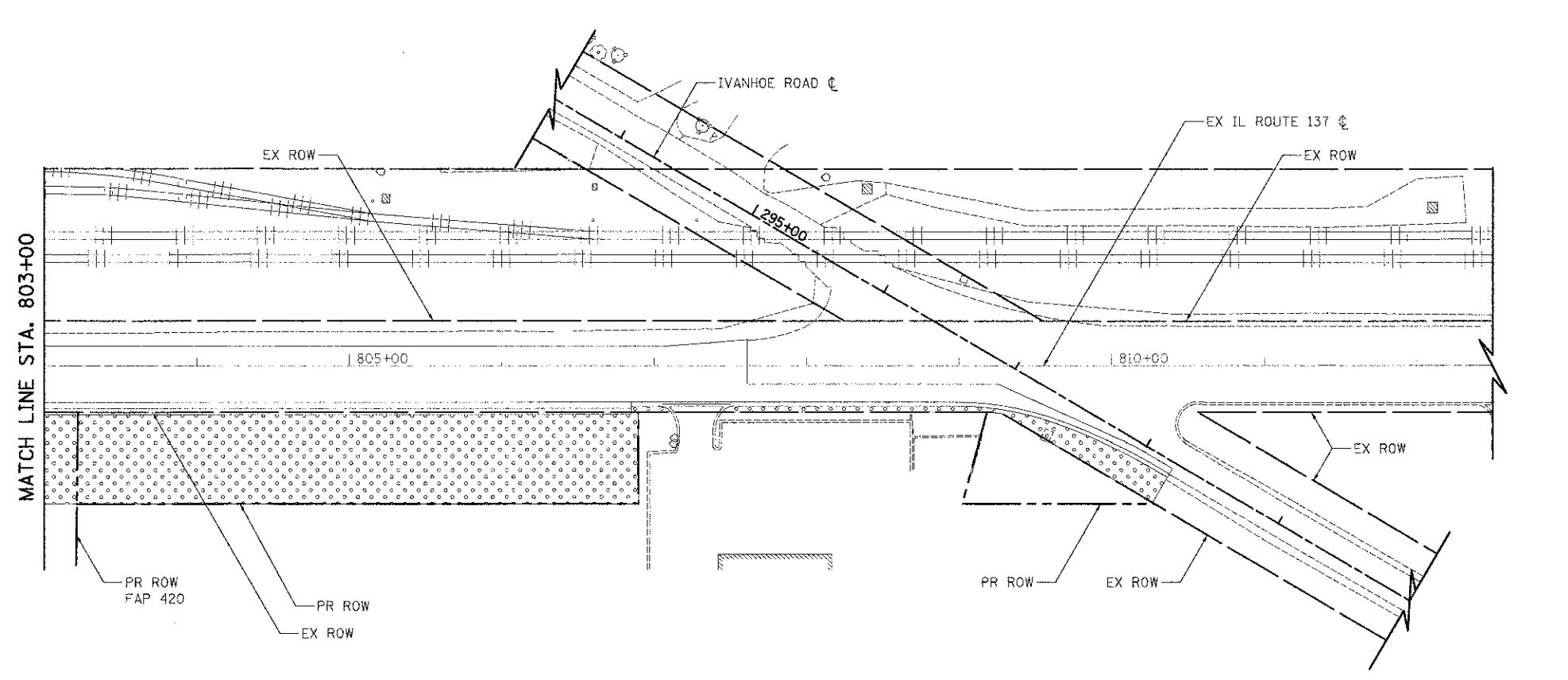
ATKINSON ROAD  
 LANDSCAPING

SCALE: 1" = 50' SHEET NO. 2 OF 5 SHEETS STA. 447+00 TO STA. 466+00

F.A.U. RTE. 198	SECTION 00-00045-00-PV	COUNTY LAKE	TOTAL SHEETS 195	SHEET NO. 99
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



IL ROUTE 137



**LEGEND**

- SEEDING, CLASS 2  
TOPSOIL PLACE, 6"
  - SEEDING, CLASS 2A  
TOPSOIL PLACE, 6"
  - SEEDING, CLASS 3  
TOPSOIL PLACE, 6"
  - SEEDING, CLASS 4 (MODIFIED)
  - SEEDING, CLASS 5 (MODIFIED)
  - TOPSOIL PLACE, 6"
  - SODDING, SALT TOLERANT  
TOPSOIL PLACE, 6"
  - KC = KENTUCKY COFFEETREE
  - WO = WHITE OAK
  - ACP = ARISTOCRAT CALLERY PEAR
  - CCP = CHANTICLEER CALLERY PEAR
  - ABCP = AUTUMN BLAZE CALLERY PEAR
- FINAL LOCATION OF TREES TO BE APPROVED BY THE ENGINEER

IL ROUTE 137



USER NAME = eds	DESIGNED = MJP	REVISED =
FILE NAME = ...2189-shr:indcp03.dgn	DRAWN = MJP	REVISED =
PLOT SCALE = 30.0000 1" = 30'	CHECKED = DNM	REVISED =
PLOT DATE = 2/2/2012	DATE = 02/06/12	REVISED =

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL ROUTE 137  
LANDSCAPING  
SCALE: 250% SHEET NO. 3 OF 5 SHEETS STA. 791+00 TO STA. 810+57

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
198	00-00045-00-PV	LAKE	195	100
CONTRACT NO. 63640				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				