

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**FUNCTIONAL CLASSIFICATION**  
 PRINCIPAL ARTERIAL (URBAN)  
 CLASS II TRUCK ROUTE

**DESIGN DESIGNATION:** 2430(20) PRINCIPAL ARTERIAL 4.93 (PCC-20)

**TRAFFIC DATA:**

IL 132  
 2020 ADT = 32,000 (20 YR. DESIGN)  
 POSTED SPEED LIMIT (35 MPH)  
 DESIGN SPEED LIMIT (40 MPH)  
 RAMP D  
 2020 ADT = 10,660 (20 YR. DESIGN)  
 POSTED SPEED LIMIT (45 MPH)  
 DESIGN SPEED LIMIT (45 MPH)

**RAILROAD DATA:**

TRAINS/DAY: 20  
 # OF TRACKS: 2  
 SPEED: 50 MPH  
 DOT #: 176813A  
 MILE POST: 37.75  
 MILWAUKEE SUBDIVISION

**PROJECT LOCATED IN:**  
 VILLAGE OF GURNEE  
 WARREN TOWNSHIP  
 LAKE COUNTY

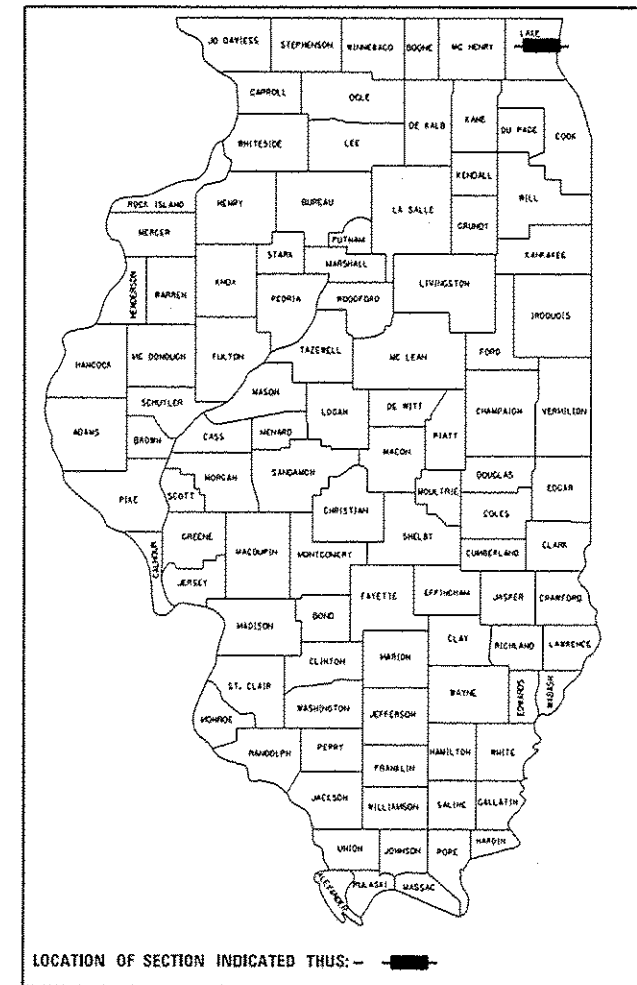
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**PROPOSED  
 HIGHWAY PLANS**

FAP ROUTE 346 (US 41)  
 AT IL ROUTE 132 (UNDER UPRR)  
 SECTION: 125X-N&J-SB-B  
**BRIDGE REPLACEMENT AND INTERCHANGE IMPROVEMENT**  
 PROJECT: ACNHPP-0346(019)  
 LAKE COUNTY  
 D-91-603-10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	125X-N&J-SB-B	LAKE	361	1
ILLINOIS			CONTRACT NO. 60K80	

D-91-603-10



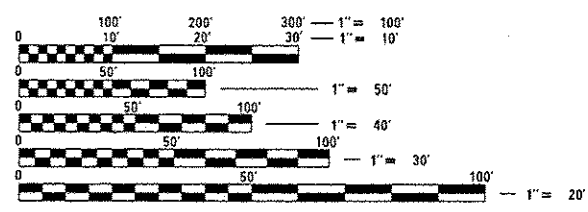
**UPRR BRIDGE REPLACEMENT**  
 STA. 22 + 87.44  
 EXIST. SN 049-0106  
 PROP. SN 049-0602

**RAMP D IMPROVEMENT**  
 STA. 400 + 40.77 TO  
 STA. 406 + 44.37

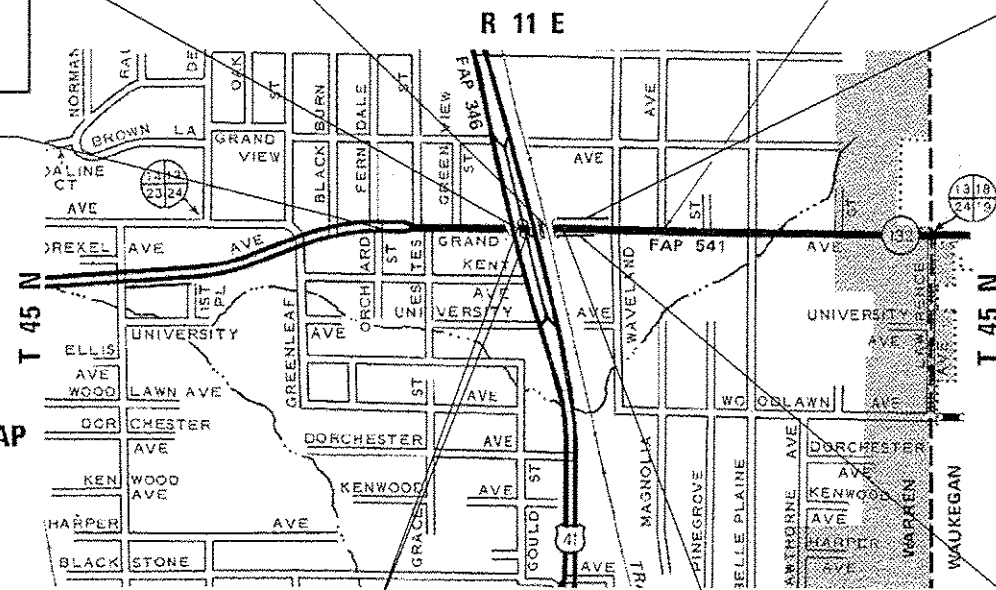
**BEGIN IMPROVEMENT**  
 STA. 14 + 70

**END IMPROVEMENT**  
 STA. 31 + 85

**RET. WALL "S"**  
 STA. 23 + 16.09 TO  
 STA. 27 + 97.77  
 PROP. SN 049-W047



**LOCATION MAP**  
 1" = 0.13MI



**EXIST. U.S. ROUTE 41 OVERPASS BRIDGES**  
 SN 049-0210 (NORTHBOUND)  
 SN 049-0209 (SOUTHBOUND)

**SHOOFLY BRIDGE**  
 STA. 23 + 46

**RET. WALL "T"**  
 STA. 23 + 49.22  
 STA. 25 + 52.34  
 PROP. SN 049-W048

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

IDOT PROJECT MANAGER: MR. LONG TRAN, PE (847) 705-4232  
 IDOT PROJECT ENGINEER: MR. CRAIG BAUER (847) 705-4265  
 CONTRACT NO. 60K80

GROSS LENGTH = 1,715.00 FT. = 0.325 MILE  
 NET LENGTH = 1,715.00 FT. = 0.325 MILE

**HOH** HARRY O. HEFTER-ASSOCIATES, INC.  
 55 East Jackson Blvd.  
 Suite 400  
 Chicago, IL 60604  
 312-246-8121

PROJECT NUMBER: 3366

**Professional Engineer Seals:**  
 - R.K. Gandhi, Registered Professional Engineer of Illinois (License Expires 11-30-17)  
 - David M. Blaw, Registered Professional Engineer of Illinois (License Expires 11-30-16)  
 - Brent L. Popf, Registered Professional Engineer of Illinois (License Expires 11-30-17)

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED 6/27/16 2016  
 [Signature] REGIONAL ENGINEER  
 Dec 9 2016  
 Maureen M. Addis, P.E. ENGINEER OF DESIGN AND ENVIRONMENT  
 Dec 9 2016  
 [Signature] DIRECTOR OF PROGRAM DEVELOPMENT

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 OF THE STATE OF ILLINOIS**  
 DISTRICT 1

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- 324-336 CROSS SECTIONS (IL 132)
- 337-339 CROSS SECTIONS (RAMP D)
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**GENERAL NOTES**

1. THE CONTRACTOR SHALL MAINTAIN ALL ROADWAYS OPEN TO TRAFFIC AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS.
2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES ( 48 HOURS NOTIFICATION IS REQUIRED). CONTACT MR. DAVID ZIEGLER, DIRECTOR OF COMMUNITY DEVELOPMENT, VILLAGE OF GURNEE AT (847) 599-7550 OR MR. THOMAS RIGWOOD, DIRECTOR OF PUBLIC WORKS AT (847) 599-6800 FOR WATER AND SEWER LOCATIONS.
3. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTERS AND MEDIAN ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED LARGER ITEM OF SPECIFIED WORK.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET A YARD OR FIELD OFFICE ON STATE RIGHT-OF-WAY OR PROPERTY WITHOUT PRIOR WRITTEN PERMISSION FROM THE ENGINEER.
5. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED (ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL). ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
6. NIGHT OPERATIONS: WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTION IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AS WELL AS THE ADJOINING RESIDENTIAL AREAS.
7. ALL STORM SEWER CONNECTIONS WITH PIPES 27 INCHES IN DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 27 INCHES IN DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST "TEE" AND "WYE" PIPE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE INVOLVED STORM SEWERS.
8. USE NO.8 EPOXY-COATED TIE BARS CONFORMING TO ARTICLE 1006.1 (B)(2) OF THE STANDARD SPECIFICATION FOR LONGITUDINAL CONSTRUCTION JOINT, GROUTED-IN-PLACE TIE BARS, AS SHOWN ON STATE STANDARDS 420001, AND FOR TYING PCC PAVEMENT WIDENING TO EXISTING CONCRETE PAVEMENT AS SHOWN ON THE PLANS. THE COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE PAVEMENT ITEMS BEING CONSTRUCTED.
9. SPECIAL UTILITY NOTE: DUE TO THE CONSTRUCTION ACTIVITIES BY OTHERS IN THE PROJECT AREA, UTILITY LOCATIONS SHOWN ON THESE PLANS MAY NOT BE CORRECT OR COMPLETE. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (SEE NOTE 2) PRIOR TO CONSTRUCTION AND COORDINATE ACTIVITIES WITH THE ENGINEER.
10. THE REMOVAL OF EXISTING DRIVEWAY AND FIELD ENTRANCE CULVERTS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION, DRIVEWAY PAVEMENT, AND PIPE CULVERT REMOVALS SHALL BE PAID FOR SEPARATELY.

**GENERAL NOTES**

11. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
12. STORM SEWER - WATER MAIN QUALITY IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FEET AND THE WATER MAIN INVERT IS LESS THAN 1.5 FEET ABOVE THE STORM SEWER CROWN.
13. STORM SEWER, RUBBER GASKET IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FEET ABOVE THE TOP OF THE SEWER.
14. BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL REVIEW DRAINAGE SCHEDULES FOUND IN THE PLANS AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.
15. THE RESIDENT ENGINEER SHALL CONTACT MR. WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER, AT WALTER.CZARNY@ILLINOIS.GOV AT LEAST TWO WEEKS PRIOR TO THE INSTALLATION OF PERMANENT PAVEMENT MARKING.
16. THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, INLETS AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER, WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE, INCLUDING PAVEMENT. THIS WORK SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. COORDINATION WITH ALL AGENCIES INVOLVED IS REQUIRED.
17. THE FOLLOWING PARCELS SHOWN ON THE R.O.W. PLATS ARE INCLUDED IN THIS CONTRACT: IEU0019, IEU0020, IEU0020TE, IEU0021, IEU0021TE, IEU0022, IEU0024, IEU0025, IEU0026, IEU0044, IEU0044TE, IEU0029, IEU0029TE, IEU0030TE, IEU0031, IEU0031TE, IEU0032, IEU0032TE, IEU0033TE.
18. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ NDE	
<b>STABILIZED SUBBASE</b>		
STABILIZED SUBBASE (HMA BINDER IL-19 MM)	3% @ 50 GYR.	QC/QA
<b>DRIVEWAYS</b>		
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 MM)	4% @ 50 GYR.	QC/QA
HMA BASE COURSE (HMA BINDER IL-19 MM)	4% @ 50 GYR.	QC/QA
<b>TEMPORARY PAVEMENT</b>		
2 INCH - HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 MM)	4% @ 50 GYR.	QC/QA
6 INCH - TEMP PAVEMENT (HMA BINDER IL-19 MM)	4% @ 50 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA)		

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LB/SO YD/IN.
- FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
- FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
- PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS; TYPICALLY 6" THICK.
- QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
- 19. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS 404 PERMIT. THE PERMIT ISSUED TO THE ILLINOIS DEPT OF TRANSPORTATION DOES NOT COVER THE IN-STREAM WORK BY THE CONTRACTOR. THEREFORE, AFTER AWARD THE CONTRACTOR WILL NEED TO SUBMIT A WORK PLAN TO THE US ARMY CORPS OF ENGINEERS. THE CORPS WILL NOT BE PROVIDING AN APPROVAL UNLESS STATED OTHERWISE IN THE PERMIT AND IN-STREAM WORK CAN COMMENCE AT THE CONTRACTOR'S DISCRETION. GUIDELINES FOR ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE CORPS WEBSITE. [HTTP://WWW.LRC.USACE.MIL/PORTALS/36/DOCS/REGULATORY/pdf/SESCREC.pdf](http://www.LRC.USACE.MIL/PORTALS/36/DOCS/REGULATORY/pdf/SESCREC.pdf)
- 20. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AS1 WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

**UNION PACIFIC RAILROAD GENERAL NOTES**

1. WITHIN THESE NOTES, THE UNION PACIFIC RAILROAD SHALL BE REFERRED TO AS THE "RAILROAD".
2. A CONTRACTOR'S RIGHT-OF-ENTRY PERMIT IS REQUIRED BEFORE ANY WORK CAN COMMENCE ON RAILROAD PROPERTY. THE COST TO OBTAIN THIS PERMIT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
3. NO DISRUPTIONS OF RAILROAD OPERATIONS WILL BE PERMITTED.
4. ALL WORK WITHIN 25 FEET OF THE NEAREST TRACK WILL REQUIRE A RAILROAD FLAGMAN, TO SCHEDULE A FLAGMAN FOR WORK ON FREIGHT LINES, CALL DARYL CLARK AT (708) 649-5273, A MINIMUM OF 72 HOURS IN ADVANCE OF START OF WORK.
5. WORK WINDOWS WITHIN THE 25 FOOT ZONE ARE ONLY AVAILABLE FROM 9:00 AM - 3:00 PM, MONDAY THROUGH FRIDAY. NIGHT WORK WINDOWS ARE AVAILABLE FROM 8:00 PM - 4:00 AM. PLEASE PROVIDE AT LEAST 72 HOURS OF ADDITIONAL NOTICE WHEN REQUESTING TO WORK AT NIGHT TO ENSURE APPROPRIATE FLAGGING COVERAGE. EXTENDED WORK WINDOWS MAY BE AVAILABLE ON THE WEEKENDS, NOT WITHSTANDING THE FORGOING, DUE TO INTERSTATE FREIGHT TRAIN AND COMMUTER PASSENGER TRAIN OPERATIONS AND SCHEDULES ALL WORK WINDOWS WITHIN THE TIMES LISTED ABOVE ARE SUBJECT TO ON SITE UNILATERAL ADJUSTMENT OR DENIAL FROM THE RAILROAD'S LOCAL FIELD MANAGER AND/OR CORRIDOR MANAGER. THIS MAY RESULT IN DENIAL OR ADJUSTMENT OF ACCESS FOR ANY AND ALL CONTRACTORS, SUBCONTRACTORS AND MATERIAL MEN DURING WORK WINDOWS.
6. NO UN-USED WORK EQUIPMENT WILL BE ALLOWED TO REMAIN ON THE RAILROAD'S COMMUTER PLATFORM IF PRESENT.
7. RAILROAD UTILITIES ARE NOT INCLUDED UNDER JULIE. CALL CANDICE MILLER AT (312) 496-4738 FOR LOCATES.
8. FIBER OPTICS MAY BE PRESENT IN THIS AREA. CALL (800) 336-9193 TO COORDINATE ANY REQUIRED PROTECTION OR RELOCATION, PRIOR TO CONSTRUCTION.
9. RAILROAD REVIEW AND APPROVAL OF SHORING, DEMOLITION, ERECTION, AND FALSEWORK IS REQUIRED.
10. ERECTION OVER THE RAILROAD'S RIGHT-OF-WAY SHALL BE DESIGNED TO CAUSE NO INTERRUPTIONS TO RAILROAD'S OPERATIONS. ERECTION OVER THE RAILROAD'S TRACK SHALL BE DEVELOPED SUCH THAT IT ENABES THE TRACK(S) TO REMAIN OPEN TO TRAIN TRAFFIC PER RAILROAD'S REQUIREMENTS.
11. MINIMUM CONSTRUCTION CLEARANCE ENVELOPE OF 21 FEET VERTICAL ABOVE THE PLANE OF TOP-OF-RAIL AND 12 FEET HORIZONTAL AT RIGHT ANGLE FROM CENTERLINE OF TRACK SHALL BE MAINTAINED AT ALL TIME DURING CONSTRUCTION.
12. FALSEWORK CLEARANCE SHALL COMPLY WITH THE RAILROAD'S MINIMUM CONSTRUCTION CLEARANCE ENVELOPE.
13. FOR RAILROAD COORDINATION PLEASE REFER TO THE RAILROAD MINIMUM REQUIREMENTS AS PART OF SPECIAL PROVISIONS.
14. THE CONTRACTOR MUST SUBMIT A PROPOSED METHOD OF EROSION AND SETTLEMENT CONTROL AND HAVE THE METHOD APPROVED BY THE RAILROAD.
15. THE PROPOSED GRADE SEPARATION PROJECT SHALL NOT CHANGE THE QUANTITY AND/OR CHARACTERISTICS OF THE FLOW IN THE RAILROAD DITCHES AND/OR DRAINAGE STRUCTURES.
16. THE ELEVATION OF THE EXISTING TOP-OF-RAIL PROFILE SHALL BE VERIFIED BEFORE BEGINNING CONSTRUCTION. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE RAILROAD PRIOR TO CONSTRUCTION.

	FILE NAME * ...\\DI-IL132-SHT_INDEX.dgn	USER NAME * eaf1zpetrick	DESIGNED - JAM	REVISED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	ILLINOIS ROUTE 132		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DESIGN AND CONSULTING ENGINEERS	DRAWN - JAM	REVISED -		INDEX OF SHEETS, GENERAL NOTES AND UPRR GENERAL NOTES	346	125X-N&J-SB-B	LAKE	361	2	
3366	PLOT SCALE * 40.0000 ' / ' in.	PLOT DATE * 10/7/2016	CHECKED - BAP	REVISED -	SCALE: N/A	SHEET NO. 1 OF 2 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 60K80			
ILLINOIS FED. AID PROJECT												



**HIGHWAY STANDARDS**

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-08 PAVEMENT JOINTS
- 420101-05 24' JOINTED PCC PAVEMENT
- 420106-05 36' JOINTED PCC PAVEMENT
- 420111-03 PCC PAVEMENT ROUNDOUTS
- 424001-09 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-02 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-03 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424021-03 DEPRESSED CORNER FOR SIDEWALKS
- 424026-01 ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
- 424031-01 MEDIAN PEDESTRIAN CROSSINGS
- 442101-07 CLASS B PATCHES
- 515001-03 NAME PLATES FOR BRIDGES
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 601001-05 PIPE UNDERDRAINS
- 602001-02 CATCH BASIN -TYPE A
- 602401-03 MANHOLE -TYPE A
- 602701-02 MANHOLE STEPS
- 604001-04 FRAME AND LIDS TYPE 1
- 604036-03 GRATE TYPE 8
- 604091-03 FRAME AND GRATE TYPE 24
- 606001-06 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 606306-04 CORRUGATED PC CONCRETE MEDIANS
- 664001-02 CHAIN LINK FENCE
- 667101-02 PERMANENT SURVEY MARKERS
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH
- 701456-04 PARTIAL EXIT RAMP CLOSURE FREEWAY / EXPRESSWAY
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE
- 701606-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-06 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 720016-03 MAST ARM MOUNTED STREET NAME SIGNS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 814001-03 CONCRETE HANDHOLES
- 814006-02 DOUBLE HANDHOLES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING
- 877001-06 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 877006-05 STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
- 877002-03 STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
- 877011-08 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 877012-05 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
- 878001-10 CONCRETE FOUNDATION DETAILS
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP INSTALLATIONS

**DISTRICT 1 HIGHWAY STANDARDS**

- BD01 DRIVEWAY DETAILS- DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15'(4.5m)
- BD02 DRIVEWAY DETAILS- DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15'(4.5m)
- BD05 CONCRETE MEDIAN TYPE SB (DOWELLED) AND CORRUGATED MEDIAN (MODIFIED)
- BD07 STORM SEWER CONNECTION TO EXISTING SEWER
- BD08 FRAMES AND LIDS ADJUSTMENT WITH MILLING
- BD24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD49 DETAIL OF C.L. SAWCUT 16' (4.9m) & VAR. JOINTED PCC PAVEMENT FOR RAMPS
- BD51 BENCHING DETAIL FOR EMBANKMENT WIDENING
- BD52 DETAIL OF PAVEMENT SEPARATION, JOINT FOR JOINTED PAVEMENTS AT INTERSECTIONS
- TC08 ENTRANCE AND EXIT RAMP CLOSURE DETAILS
- TC10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC11 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
- TC13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
- TC16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
- TC17 TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
- TC21 DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
- TC22 ARTERIAL ROAD INFORMATION SIGN
- TC26 DRIVEWAY ENTRANCE SIGNING
- TS04 POST MOUNTED FLASHING BEACON WITH PRECIPITATION DETECTOR

**COMMITMENTS**

NONE.

<p>FILE NAME * ...NDL1L132_SHT_INDEX.dgn</p> <p><b>HOH</b></p> <p>3366</p>	<p>USER NAME = eef.tape@trick</p> <p>PLOT SCALE = 1/8" = 1'-0"</p> <p>PLOT DATE = 10/7/2015</p>	<p>DESIGNED - AAF</p> <p>DRAWN - AAF</p> <p>CHECKED - BAP</p> <p>DATE -</p>	<p>REVISED -</p> <p>REVISED -</p> <p>REVISED -</p> <p>REVISED -</p>	<p><b>STATE OF ILLINOIS</b></p> <p><b>DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>ILLINOIS ROUTE 132</b></p> <p><b>HIGHWAY STANDARDS, AND COMMITMENTS</b></p> <p>SCALE: N/A SHEET NO. 1 OF 2 SHEETS STA. N/A TO STA. N/A</p>	<p>F.A.P. RTE. 346</p> <p>SECTION 125X-N&amp;J-SB-B</p> <p>COUNTY LAKE</p> <p>ILLINOIS FED. AID PROJECT</p>	<p>TOTAL SHEETS 361</p> <p>SHEET NO. 3</p> <p>CONTRACT NO. 60K80</p>
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CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	327	327								
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	47	47								
20100500	TREE REMOVAL, ACRES	ACRE	3.0	3.0								
20101000	TEMPORARY FENCE	FOOT	750	750								
20200100	EARTH EXCAVATION	CU YD	49,415	49,415								
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	5,625	5,625								
20700220	POROUS GRANULAR EMBANKMENT	CU YD	4,074	4,074								
20800150	TRENCH BACKFILL	CU YD	492	492								
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3,620	3,620								
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	17,609	17,609								
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	1,557	1,557								
21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	197	197								
21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	1,557	1,557								
* 25000210	SEEDING, CLASS 2A	ACRE	4.00	4.00								

\* SPECIALTY ITEMS

FILE NAME * ... \01_IL132_SHT_S00.dgn	USER NAME * eefitzpatrick	DESIGNED - AAF	REVISD -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>HOH</b> 3366	PLOT SCALE * 0.2000' / 1" =	DRAWN - JAM	REVISD -		346	125X-N&J-SB-B	LAKE	361	4			
15 East Joplin Ave., Suite 600 Chicago, Illinois 60604 312.246.8000	PLOT DATE * 18/7/2016	CHECKED - BAP	REVISD -		SCALE: N/A SHEET NO. 1 OF 19 SHEETS STA. N/A TO STA. N/A			CONTRACT NO. 60K80				
		DATE -	REVISD -		ILLINOIS FED. AID PROJECT							

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	159	159								
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	159	159								
* 25200110	SODDING, SALT TOLERANT	SO YD	527	527								
25200200	SUPPLEMENTAL WATERING	UNIT	400	400								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	765	765								
28000305	TEMPORARY DITCH CHECKS	FOOT	52	52								
28000400	PERIMETER EROSION BARRIER	FOOT	615	615								
28000510	INLET FILTERS	EACH	63	63								
28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	11,500	11,500								
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,400	1,400								
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SO YD	2,542	2,542								
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	67	67								
40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	3	3								
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	7	7								

\* SPECIALTY ITEMS

FILE NAME \* ...\DL\132\_SHT\_500.dgn  
**HOH** HARRY QUINCY ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366  
 33 East Jackson Blvd., Suite 800  
 Chicago, Illinois 60604  
 312/467-1100

USER NAME = mafitzpatrick  
 DESIGNED - AAF  
 DRAWN - JAM  
 CHECKED - BAP  
 DATE -  
 PLOT SCALE = 0.2000" = 1'-0"  
 PLOT DATE = 10/7/2016

DESIGNED - AAF  
 DRAWN - JAM  
 CHECKED - BAP  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 132  
 SUMMARY OF QUANTITIES

SCALE: SHEET NO. 2 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-SB-B	LAKE	361	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K80	

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
42000411	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	SQ YD	10,715	10,715								
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	2,161	2,161								
42001300	PROTECTIVE COAT	SQ YD	16,886	16,886								
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	242	242								
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	17,171	17,171								
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	886	886								
42400800	DETECTABLE WARNINGS	SQ FT	282	282								
44000100	PAVEMENT REMOVAL	SQ YD	8,923	8,923								
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	480	480								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,903	3,903								
44000600	SIDEWALK REMOVAL	SQ FT	13,968	13,968								
44200966	CLASS B PATCHES, TYPE I, 10 INCH	SQ YD	5	5								
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	172	172								
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1			1						

\* SPECIALTY ITEMS

FILE NAME: ...N01\_IL132\_SHT\_500.dgn  
**HOH**  
 3366  
 15 East Johnson Street, Suite 400  
 Chicago, Illinois 60604  
 312.246.8000

USER NAME: eefitzpatrick  
 DESIGNED - AAF  
 DRAWN - JAM  
 CHECKED - BAP  
 PLOT DATE: 10/7/2016

REVISIONS:  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 132  
 SUMMARY OF QUANTITIES

SCALE: SHEET NO. 3 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-SB-B	LAKE	361	6
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				



CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1							1		
50200100	STRUCTURE EXCAVATION	CU YD	4,323			2,305				1,000	815	203
50300225	CONCRETE STRUCTURES	CU YD	2,639			1,429				919	233	58
50300254	RUBBED FINISH	SQ FT	3,740			3,740						
50300285	FORM LINER TEXTURED SURFACE	SQ FT	7,700								6,300	1,400
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	LSUM	1			0.82				0.18		
50500505	STUD SHEAR CONNECTORS	EACH	776								464	312
50800105	REINFORCEMENT BARS	POUND	348,120			15,796				69,837	240,817	21,670
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	168,030			125,070					35,840	7,120
50901720	BICYCLE RAILING	FOOT	685								478	207
50901760	PIPE HANDRAIL	FOOT	148							148		
51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	5,760			5,760						
51202305	DRIVING PILES	FOOT	5,760			5,760						
51203200	TEST PILE METAL SHELLS	EACH	2			2						
51204650	PILE SHOES	EACH	144			144						

\* SPECIALTY ITEMS

FILE NAME * ...\01.IL132_SHT_500.dgn	USER NAME = aaf\epatrak	DESIGNED - AAF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE. 346	SECTION 125X-N&J-SB-B	COUNTY LAKE	TOTAL SHEETS 361	SHEET NO. 7
<b>HOH</b> 3366	PLOT SCALE = 8.2800' / in.	DRAWN - JAM	REVISED -		SCALE:	SHEET NO. 4 OF 19 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/7/2016	CHECKED - BAP	REVISED -									
		DATE -	REVISED -									

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
51500100	NAME PLATES	EACH	3			1					1	1
51603000	DRILLED SHAFT IN SOIL	CU YD	779			49					670	60
52100400	STEEL BEARING ASSEMBLY	EACH	12			8				4		
52100530	ANCHOR BOLTS, 1 1/4"	EACH	16			8				8		
52100540	ANCHOR BOLTS, 1 1/2"	EACH	8			8						
52100560	ANCHOR BOLTS, 2"	EACH	16			8				8		
52100580	ANCHOR BOLTS, 2 1/2"	EACH	8			8						
52200020	TEMPORARY SOIL RETENTION SYSTEM	SO FT	22,800	5,100						17,700		
52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	1,802								1,242	560
52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	12,714								9,650	3,064
52200250	UNTREATED TIMBER LAGGING	SQ FT	7,870								6,300	1,570
5423A030	PIPE CULVERTS, CLASS A, TYPE 3 30" (TEMPORARY)	FOOT	80	80								
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	617	617								
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	35	35								

\* SPECIALTY ITEMS

FILE NAME * ...NOI_IL132_SHT_S00.dgn	USER NAME * eefitzpatrick	DESIGNED - AAF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>HOH</b>	DESIGNED - JAM	REVISED -	346		125X-N&J-SB-B	LAKE	361	8				
3366	CHECKED - BAP	REVISED -	SCALE:			CONTRACT NO. 60K80						
30 East Johnson Street, Suite 400 Chicago, Illinois 60604 312/342-8378	DATE -	REVISED -	SHEET NO. 5 OF 19 SHEETS			ILLINOIS FED. AID PROJECT						

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	83	83								
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	729	729								
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	220	220								
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	92	92								
55100500	STORM SEWER REMOVAL 12"	FOOT	207	207								
58700300	CONCRETE SEALER	SO FT	6,610		6,610							
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	1634		460				300	700	174	
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	3831	3831								
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	4	4								
60201105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 11 FRAME AND GRATE	EACH	5	5								
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	31	31								
60203905	CATCH BASINS, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2								
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2								
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	3	3								

\* SPECIALTY ITEMS

FILE NAME * ...\NOI_IL132_SHT_500.dgn	USER NAME * ...\j...@...com	DESIGNED - AAF	REVISIONS -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>HOH</b>	DRAWN - JAM	REVISIONS -	346		125X-N&J-SB-B	LAKE	361	9				
3366	CHECKED - BAP	REVISIONS -	SCALE: SHEET NO. 6 OF 19 SHEETS STA. TO STA.			CONTRACT NO. 60K80						
3366	DATE -	REVISIONS -	ILLINOIS FED. AID PROJECT									

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
60255500	MANHOLES TO BE ADJUSTED	EACH	10	10								
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	9	9								
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	7	7								
60266600	VALVE BOXES TO BE ADJUSTED	EACH	3	3								
60500050	REMOVING CATCH BASINS	EACH	5	5								
60500060	REMOVING INLETS	EACH	40	40								
60600605	CONCRETE CURB, TYPE B	FOOT	298	298								
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	786	786								
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4,706	4,706								
60618740	CONCRETE MEDIAN, TYPE M-2.12	SQ FT	868	868								
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	3,350	3,350								
60623800	CONCRETE BARRIER MEDIAN	SQ FT	970	970								
66400305	CHAIN LINK FENCE, 6'	FOOT	800	800								
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	6	6								

14

\* SPECIALTY ITEMS

FILE NAME * ... \D1.B132_SHT_500.dgn	USER NAME * eafitpatrick	DESIGNED - AAF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
<b>HOH</b> 3366	PLT SCALE * 0.2000 1/1 in.	DRAWN - JAM	REVISED -		346	125X-N&J-SB-B	LAKE	361	10				
15 East Johnson Blvd. Suite 500 Chicago, Illinois 60604 312/344-83	PLT DATE * 10/7/2016	CHECKED - BAP	REVISED -		SCALE:			SHEET NO. 7 OF 19 SHEETS		STA.	TO STA.	CONTRACT NO. 60K80	
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,180	1,180								
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1								
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3								
67100100	MOBILIZATION	LSUM	1	1								
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	51	51								
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	7,356	7,356								
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,125	1,125								
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	200	200								
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2								
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1								
70600320	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	2	2								
* 72000100	SIGN PANEL - TYPE 1	SQ FT	183	108				75				
* 72000200	SIGN PANEL - TYPE 2	SQ FT	24	24								
19 * 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	128	128								

\* SPECIALTY ITEMS

FILE NAME : ...NDL_IL132_SHT_500.dgn	USER NAME : aaf/tpetrick	DESIGNED - AAF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>HOH</b> 3366	PLOT SCALE : 0.2000' / 1" =	DRAWN - JAM	REVISED -		346	125X-N&J-SB-B	LAKE	361	11			
	PLOT DATE : 10/7/2016	CHECKED - BAP	REVISED -		SCALE: 1" = 40'		SHEET NO. 8 OF 19 SHEETS		STA. TO STA.			
		DATE -	REVISED -		CONTRACT NO. 60K80 ILLINOIS FED. AID PROJECT							

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN		UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	96	96								
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	106	106								
* 72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	93	93								
* 72900100	METAL POST - TYPE A	FOOT	326	326								
* 72900200	METAL POST - TYPE B	FOOT	101	101								
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	1,259	1,259								
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	10,425	10,425								
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	4,092	4,092								
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	1,583	1,583								
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	386	386								
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	290	290								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	139	139								
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	103	103								
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	946					946				

\* SPECIALTY ITEMS

 <small>13 East Jackson Street, Suite 600 Chicago, Illinois 60604 312.467.1000</small>	FILE NAME : ...NDL_IL132_SHT_500.dgn	USER NAME : aefitpatrick	DESIGNED - AAF	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132</b> <b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3366	PLOT SCALE : 8/2000 ' / 1"	DRAWN - JAM	REVISED -		346	125X-N&J-SB-B	LAKE	361	12			
		PLOT DATE : 10/7/2016	CHECKED - BAP	REVISED -		SCALE: SHEET NO. 9 OF 19 SHEETS STA. TO STA.			CONTRACT NO. 60K80				
			DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN		UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	530					530				
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	466				374	92				
* 81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	15					15				
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,243				60	1,183				
* 81100510	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL	FOOT	320				320					
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	15				15					
* 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	4				4					
* 81300730	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 14" X 6"	EACH	4				4					
* 81400100	HANDHOLE	EACH	9					9				
* 81400200	HEAVY-DUTY HANDHOLE	EACH	3					3				
* 81400300	DOUBLE HANDHOLE	EACH	3					3				
* 81603081	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	2,783				2,783					
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	400				400					
* 81702410	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 4	FOOT	400				400					

\* SPECIALTY ITEMS

<b>HOH</b> HOH CONSULTING ENGINEERS 133 East Jackson Blvd., Suite 500 Chicago, Illinois 60604 312.467.4000	FILE NAME * ...\DL\IL132_SHT_500.dgn	USER NAME * eafitepatrloch	DESIGNED - AAF	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132</b> <b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3366	PLOT SCALE * 0.2800' / 1" =	PLotted DATE * 10/7/2016	DRAWN - JAM			CHECKED - BAP	346	125X-N&J-SB-B	LAKE	361
					SCALE:		SHEET NO. 10 OF 19 SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
* 81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	520				520					
* 82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	6				6					
* 82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	8				8					
* 83050775	LIGHT POLE, ALUMINUM, 47.5 FT. M. H., 10 FT. DAVIT ARM	EACH	3				3					
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	91				91					
* 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	13				13					
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	5				5					
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	1				1					
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	9				9					
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	9				9					
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,671					2,671				
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	4,588					4,588				
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5,154					5,154				
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,795					1,795				

\* SPECIALTY ITEMS

FILE NAME * ...\01_IL132_SHT_500.dgn	USER NAME * ...\afstzpatrick	DESIGNED - AAF	REVISIONS -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE. 346	SECTION 125X-N&J-5B-B	COUNTY LAKE	TOTAL SHEETS 361	SHEET NO. 14
<b>HOH</b> 3366	PLOT SCALE * 0.2000 "/in.	DRAWN - JAM	REVISIONS -		SCALE:	SHEET NO. 11 OF 19 SHEETS	STA.	TO STA.	CONTRACT NO. 60K80			
	PLOT DATE * 10/17/2016	CHECKED - BAP	REVISIONS -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISIONS -									



CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	10,218					10,218				
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,917					1,917				
* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	4					4				
* 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1					1				
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	7					7				
* 87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1					1				
* 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1					1				
* 87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1					1				
* 87702470	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 30 FT. AND 42 FT.	EACH	1					1				
* 87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1					1				
* 87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1					1				
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	52					52				
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	78					78				
14 * 87900200	DRILL EXISTING HANDHOLE	EACH	6					6				

\* SPECIALTY ITEMS

FILE NAME * ... \DI_IL132_SHT_500.dgn	USER NAME * anfitzpatrick	DESIGNED - AAF	REVISIONS -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>HOH</b>		DRAWN - JAM	REVISIONS -		346	125X-N&J-SB-B	LAKE	361	15			
3366	PLOT SCALE * 0.2000' / 1" =	CHECKED - BAP	REVISIONS -		SCALE: SHEET NO. 12 OF 19 SHEETS STA. TO STA.			CONTRACT NO. 60K80				
	PLOT DATE * 10/7/2016	DATE -	REVISIONS -		ILLINOIS FED. AID PROJECT							

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
* 88000105	FLASHING BEACON INSTALLATION	EACH	1					1				
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8					8				
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4					4				
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2					2				
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5					5				
* 88055150	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	10					10				
* 88055160	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4					4				
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16					16				
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	17					17				
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	25					25				
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1,223					1,223				
* 88600700	PREFORMED DETECTOR LOOP	FOOT	511					511				
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	14					14				
14* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1					1				

\* SPECIALTY ITEMS

FILE NAME * ...NDI_IL132_SHT_500.dgn	USER NAME * mafrcpatrick	DESIGNED - AAF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>HOH</b>	DRAWN - JAM	REVISED -	346		125X-N&J-SB-B	LAKE	361	16				
3366	CHECKED - BAP	REVISED -	SCALE: SHEET NO. 13 OF 19 SHEETS STA. TO STA.					CONTRACT NO. 60R80				
PLT SCALE * 0.2000 "/ in.	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
* 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	5						5			
* 89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1						1			
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1					1				
* 89502380	REMOVE EXISTING HANDHOLE	EACH	8					8				
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2					2				
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	10					10				
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1								
Z0018800	DRAINAGE SYSTEM	L SUM	1			0.7				0.3		
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	5	5								
Z0026400	FURNISHING AND PLACING SAND FILL	CU YD	1839								1269	570
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	414	414								
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	14				14					
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12				12					
Z0041600	PLUG EXISTING INLETS	EACH	34	34								
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	750								500	250
Z0046306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	380			220				160		

\* SPECIALTY ITEMS  NON-PART. (100% STATE)

FILE NAME \* ... \DL\132\_SHT\_500.dgn  
**HOH**  
 3366  
 55 East Johnson Road, Suite 500  
 Chicago, Illinois 60604  
 312/344-0000

USER NAME = mofitzpatrick  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -  
 PLOT SCALE = 0.2000' / 1" =  
 PLOT DATE = 10/7/2016

REVISIONS  
 REVISED -  
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 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 132  
 SUMMARY OF QUANTITIES

SCALE: SHEET NO. 14 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-SB-B	LAKE	361	17
CONTRACT NO. 60K80			[ILLINOIS] FED. AID PROJECT	

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1								
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	50	50								
Z0062456	TEMPORARY PAVEMENT	50 YD	352	352								
Z0069700	SUB-BALLAST	CU YD	9,170	9,170								
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1					1				
Z0076100	TRACK REMOVAL	FOOT	6,717	6,717								
Z0076300	TRACK WORK	FOOT	6,315	6,315								
∅ Z0076600	TRAINEES	HOURL	500	500								
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500	500								
X0327978	CONCRETE PAVER PAVEMENT	50 YD	108		108							
* A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6								
* A2006568	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	6	6								
* A2008470	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	7								
* D2002384	EVERGREEN, PINUS FLEXILIS (LIMBER PINE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	9	9								
14 * E2021001	VINE-PARTHENOCISSUS QUINQUEFOLIA ENGEL MANNII (ENGELMANNII VIRGINIA CREEPER), 1-GALLON POT	EACH	155	155								

\* SPECIALTY ITEMS ∅ 0042

FILE NAME * ...NDLIL132_SHT_500.dgn	USER NAME * anfit@petrick	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>HOH</b> 3366	PLOT SCALE * 0.2000' / in.	DRAWN -	REVISED -		346	125X-N&J-SB-B	LAKE	361	18			
	PLOT DATE * 10/7/2016	CHECKED -	REVISED -		SCALE:			SHEET NO. 15 OF 19 SHEETS	STA. TO STA.	CONTRACT NO. 60K80		
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
* K0026610	TRANSPLANTED SALVAGED TREES	EACH	38	38								
K0029642	WEED CONTROL, PRE-EMERGENT HERBICIDE	GALLON	1	1								
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1,273						1,273			
X0324993	SEPARATION JOINT WITH SLEEPER SLAB	FOOT	356	356								
X0326148	TEMPORARY WOOD POLE, 60 FT., CLASS 4, 15 FT. MAST ARM	EACH	5				5					
X0326458	PAVEMENT REPLACEMENT, SPECIAL	SQ YD	220	220								
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	1,000	1,000								
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2,466	2,466								
<del>X0696000</del>	<del>BRIDGE DRAINAGE SYSTEM</del>	<del>LSUM</del>	<del>1</del>				<del>0.7</del>			<del>0.3</del>		
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	5	5								
X4023000	TEMPORARY ACCESS (ROAD)	EACH	4	4								
X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	352	352								
X4402805	ISLAND REMOVAL	SQ FT	3,648	3,648								
14 <del>X5030203</del>	<del>FORM LINER LIMESTONE SURFACE</del>	<del>SQ FT</del>	<del>7,700</del>								<del>6,300</del>	<del>1,400</del>

\* SPECIALTY ITEMS

FILE NAME * ... \01_IL132_SHT_500.dgn	USER NAME * mofitzpatrick	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>HOH</b>	DESIGNED BY: G. HOFFER ASSOCIATES, INC.	DRAWN -	REVISED -		346	125X-N&J-SB-B	LAKE	361	19			
3366	15 East Jackson Street, Suite 500 Chicago, Illinois 60604 312/242-8300	CHECKED -	REVISED -		SCALE: SHEET NO. 16 OF 19 SHEETS STA. TO STA.			CONTRACT NO. 60K80				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
X5030290	STAINING CONCRETE STRUCTURES	SQ FT	7,700								6,300	1,400
△ X5538400	STORM SEWERS TO BE CLEANED 30"	FOOT	60	60								
△ X5538600	STORM SEWERS TO BE CLEANED 36"	FOOT	60	60								
△ X5538800	STORM SEWERS TO BE CLEANED 48"	FOOT	60	60								
△ X5538900	STORM SEWERS TO BE CLEANED 54"	FOOT	60	60								
△ X5539000	STORM SEWERS TO BE CLEANED 60"	FOOT	60	60								
△ X5539100	STORM SEWERS TO BE CLEANED 72"	FOOT	60	60								
△ X5539542	STORM SEWERS TO BE CLEANED, EQUIVALENT ROUND-SIZE 42"	FOOT	60	60								
X5800110	MEMBRANE WATERPROOFING (SPECIAL)	SQ FT	11,170			8,530				2,640		
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	1,383			1,200				183		
X6010810	PIPE UNDERDRAINS 4" (MODIFIED) (SPECIAL)	FOOT	402	402								
X6640050	CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)	FOOT	93			93						
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	978	978								
X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	365	365								
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	32	32								

\* SPECIALTY ITEMS    △ NON PARTICIPATING

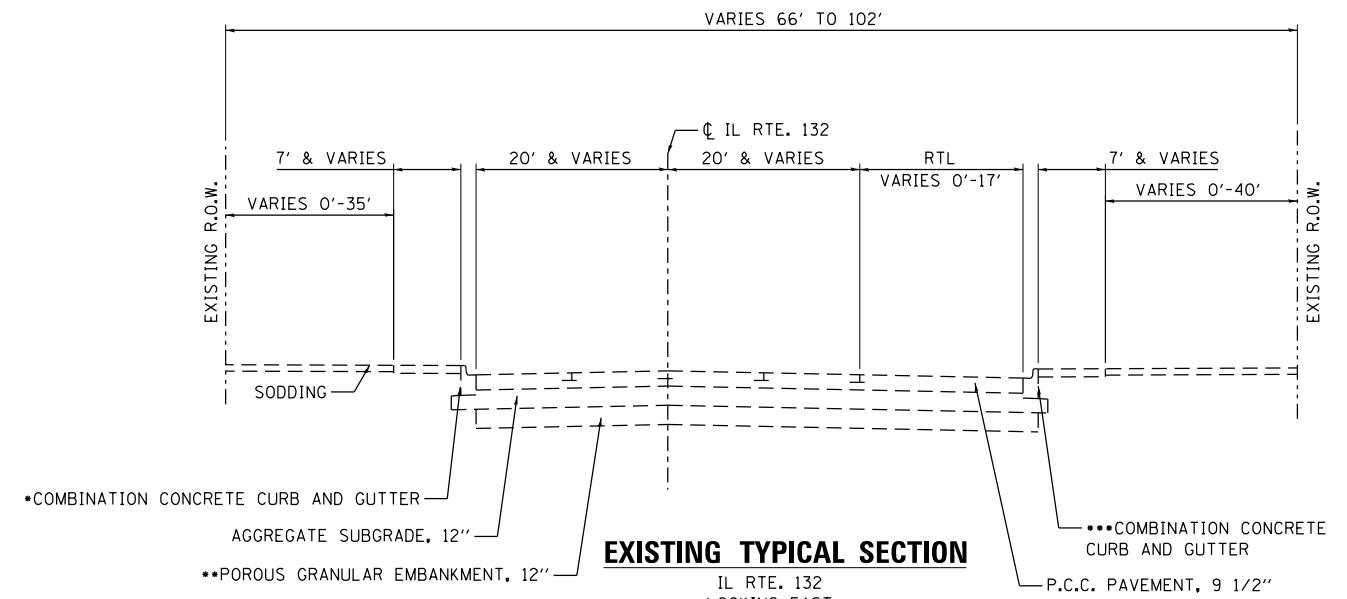
FILE NAME * \NOI_IL132_SHT_500.dgn	USER NAME * mflispetrisk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>HOH</b>		DRAWN -	REVISED -		346	125X-N&J-SB-B	LAKE	361	20			
3366	PLOT SCALE * 0.2000 "/ in.	CHECKED -	REVISED -		SCALE:			SHEET NO. 17 OF 19 SHEETS		STA.	TO STA.	
	PLOT DATE * 10/7/2016	DATE -	REVISED -		CONTRACT NO. 60K80 ILLINOIS FED. AID PROJECT							

CODE NO.	PAY ITEM NAME	UNIT	TOTAL QUANTITY URBAN	ROADWAY URBAN	ROADWAY URBAN	UPRR BRIDGE OVER IL 132 049-0602	LIGHTING	TRAFFIC SIGNALS	EMERGENCY VEHICLE PRIORITY SYSTEM	SHOOFLY BRIDGE	RETAINING WALLS	
				0004	0004	0011	0021	0021	0021	0004	"S" 049-W047	"T" 049-W048
				80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VILLAGE OF GURNEE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1								
X7010238	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL MO	24	24								
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	473	473								
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	17,897	17,897								
X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	2,039	2,039								
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	185	185								
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	30	30								
* X8300100	LIGHT POLE, ALUMINUM, WITH MAST ARM, INSTALL ONLY	EACH	1				1					
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1					1				
X0321315	REMOVE STONE PAVERS	SO FT	970		970							
X3400001	REMOVE AND SALVAGE LIMESTONE RETAINING WALL BLOCKS	LSUM	1	1								
* X1400182	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET	EACH	1					1				
* X1400208	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 18 FT. AND 55 FT.	EACH	1					1				
14 X1200097	CASING PIPE OPEN CUT 28" DIP	FOOT	8	8								

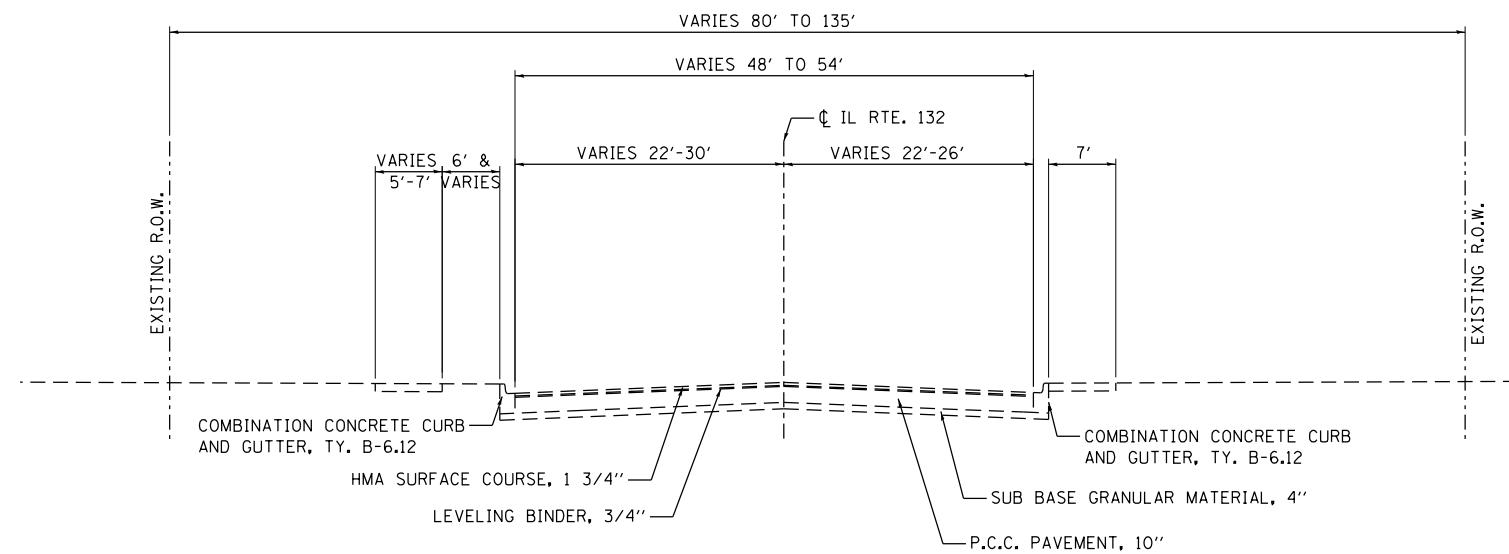
\* SPECIALTY ITEMS

FILE NAME * ...\01_IL132_SHT_500.dgn	USER NAME * mfl:spn:trich	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>HOH</b>	DESIGN AND CONSULTING ENGINEERS	DRAWN -	REVISED -		346	125X-N&J-SB-B	LAKE	361	21			
3366	25 East Jackson Street, Suite 600 Chicago, Illinois 60604 312/467-8000	CHECKED -	REVISED -		SCALE: SHEET NO. 18 OF 19 SHEETS STA. TO STA.			CONTRACT NO. 60K80				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							





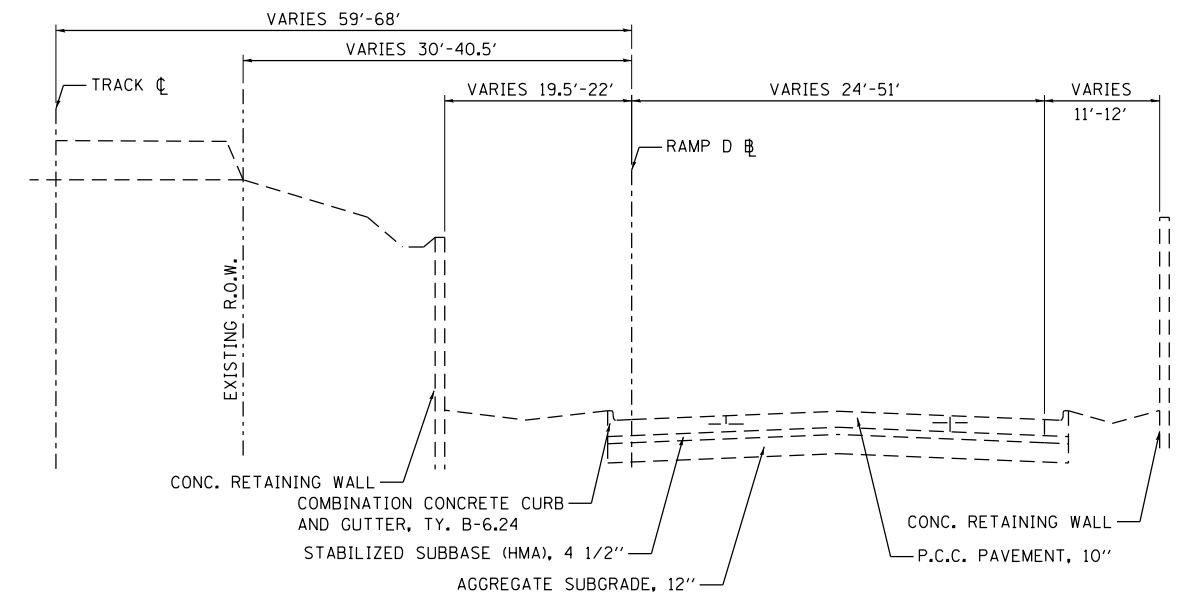
- NOTE:
- ALL EXISTING PAVEMENT THICKNESSES ARE FROM AS-BUILT PLANS.
  - C&G TYPE B-6.12: STA. 14+70 TO GREENVIEW ST. AND STA. 22+60 TO STA. 24+50.
  - C&G TYPE B-6.24: GREENVIEW ST. TO RAMP A AND AROUND RAMPS AND ISLANDS.
  - PLACED ACROSS ENTIRE WIDTH OF IL 132 FROM STA. 16+50 TO STA. 20+00.
  - C&G TYPE B-6.12: STA. 22+67 TO STA. 24+50.
  - C&G TYPE B-6.24: STA. 14+70 TO STA. 22+67 AND AROUND RAMPS AND ISLANDS.



**EXISTING TYPICAL SECTION**

IL RTE. 132  
LOOKING EAST  
STA. 24+76.39 TO STA. 31+85

- NOTE:
- ALL EXISTING PAVEMENT THICKNESSES ARE FROM AS-BUILT PLANS.



**EXISTING TYPICAL SECTION**

RAMP D  
LOOKING SOUTH  
STA. 401+00 TO STA. 406+44.37

- NOTE:
- ALL EXISTING PAVEMENT THICKNESSES ARE FROM AS-BUILT PLANS.

FILE NAME = ...\\D1.IL132\_SHT\_TYPICALS.dgn

USER NAME = aofitzpatrick

DESIGNED - JAM

REVISOR -

DRAWN - JAM

REVISIONS -

CHECKED - BAP

REVISIONS -

DATE -

REVISIONS -

PLOT SCALE = 40.0000' / in.

PLOT DATE = 10/7/2016

3366

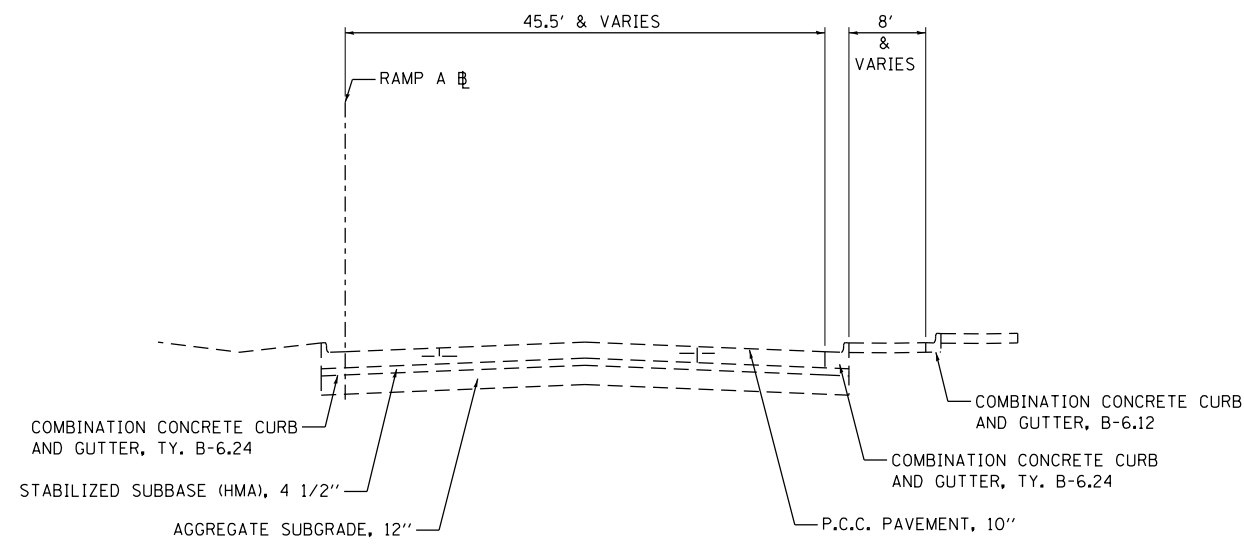
HARRY O. HEFTER ASSOCIATES, INC.  
DESIGN AND CONSULTING ENGINEERS  
59 East Jackson Blvd., Suite 600  
Chicago, Illinois 60604  
312/346-8931

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 132 AND RAMP D  
EXISTING TYPICAL SECTIONS

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. N/A TO STA. N/A

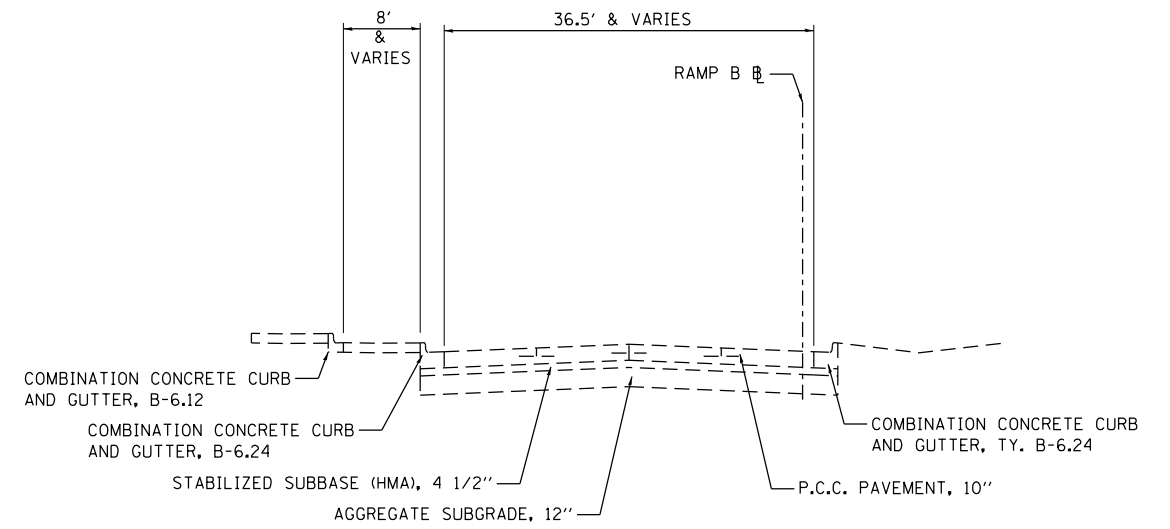
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	23
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION**

RAMP A  
LOOKING NORTH  
STA. 112+06 TO STA. 113+56.78

NOTE:  
1. ALL EXISTING PAVEMENT THICKNESSES ARE FROM AS-BUILT PLANS.



**EXISTING TYPICAL SECTION**

RAMP B  
LOOKING NORTH  
STA. 213+10 TO STA. 214+28.55

NOTE:  
1. ALL EXISTING PAVEMENT THICKNESSES ARE FROM AS-BUILT PLANS.

FILE NAME = ...\\D1.IL132\_SHT\_TYPICALS.dgn  
 HARRY O. HEFTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/346-8131

USER NAME = aafitzpatrick  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 10/7/2016

DESIGNED - JAM  
 DRAWN - JAM  
 CHECKED - BAP  
 DATE -

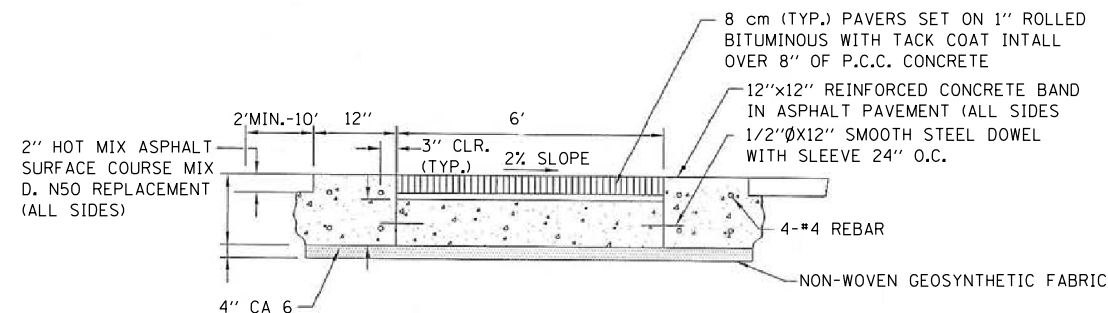
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132  
 EXISTING TYPICAL SECTIONS**  
 SCALE: N/A SHEET NO. 2 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	24
CONTRACT NO. 60K80			ILLINOIS FED. AID PROJECT	



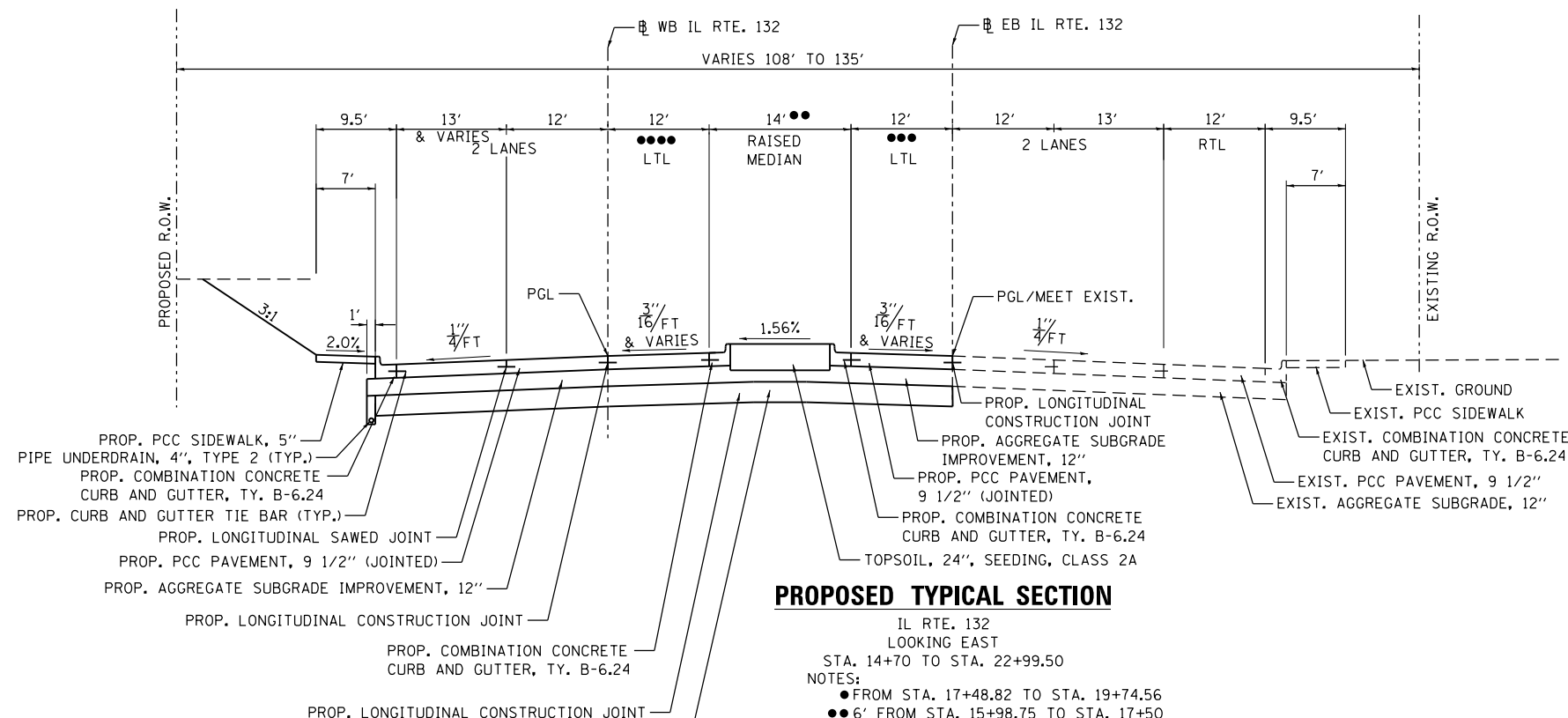


RECOMMENDED STONE PAVER MANUFACTURER (OR APPROVED EQUAL)

- PAVELOC
- UNLOCK
- BELGARD

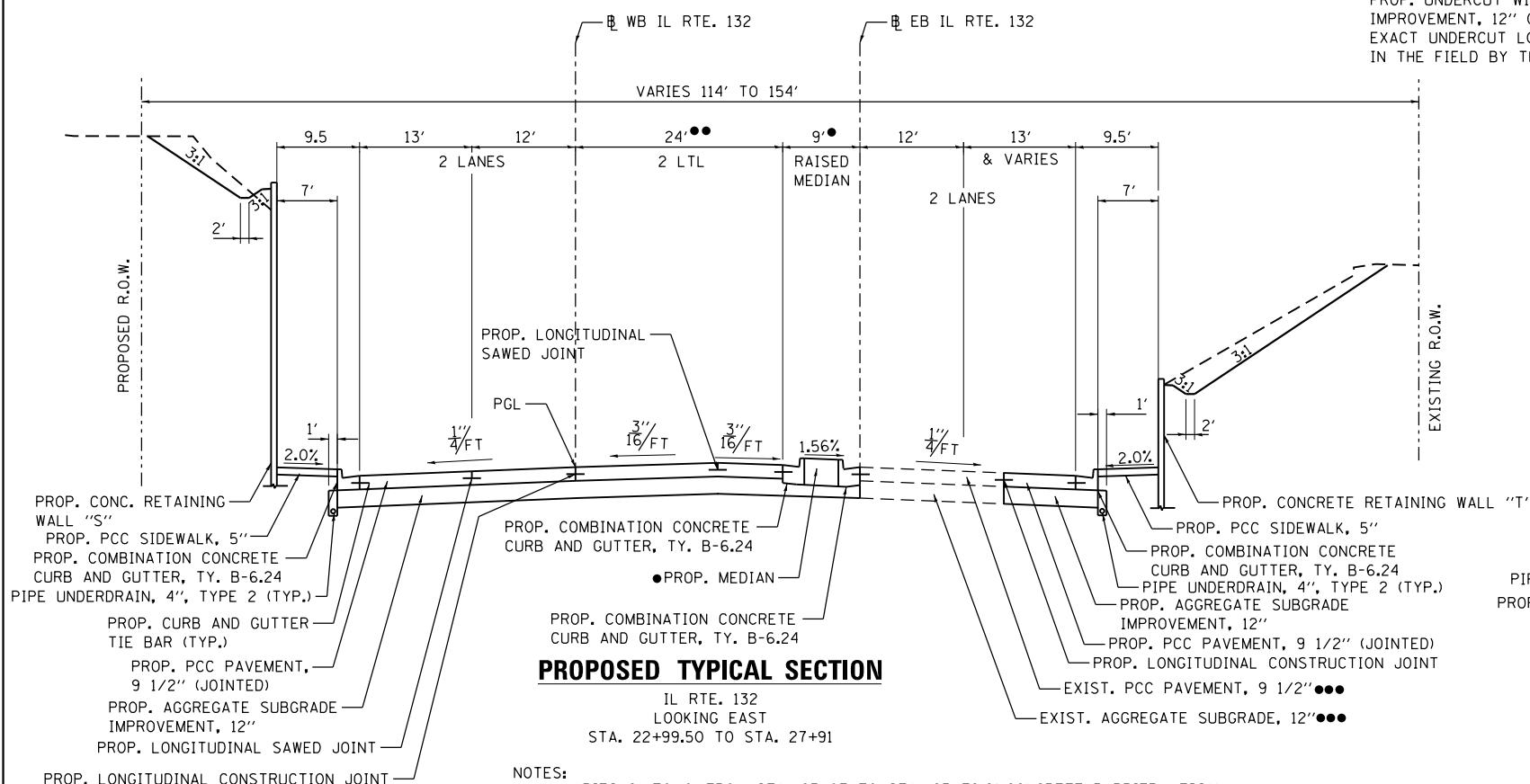
THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAMPLE OF PAVER BLOCK, TO INCLUDE COLOR, TEXTURE AND PATTERN, AND TO BE APPROVED BY THE VILLAGE ENGINEER. CONCRETE SHALL BE IDOT CLASS PP (HIGH-EARLY STRENGTH). MIX SHALL BE APPROVED BY THE ENGINEER.

**CONCRETE PAVER PAVEMENT CROSSWALK SECTION**



**PROPOSED TYPICAL SECTION**

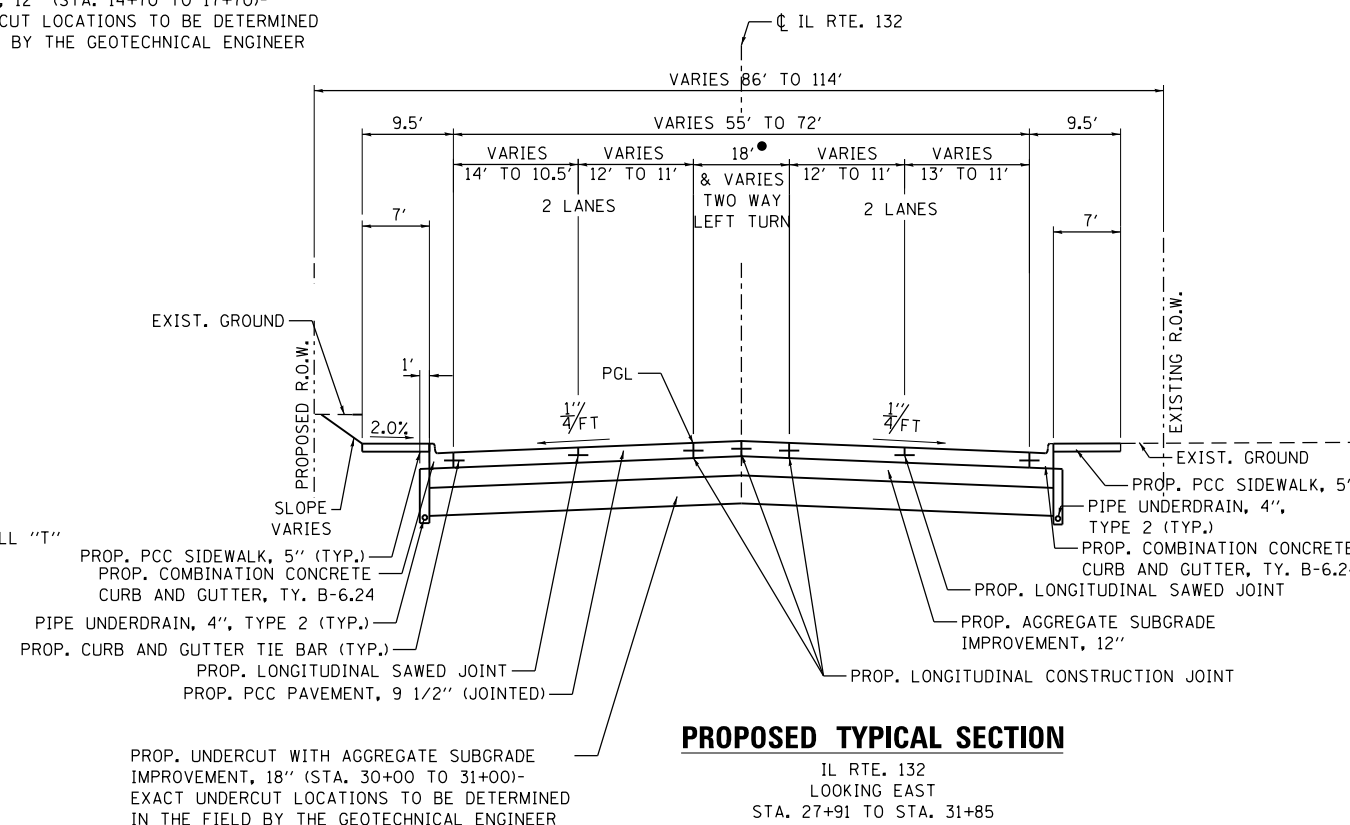
IL RTE. 132  
LOOKING EAST  
STA. 14+70 TO STA. 22+99.50  
NOTES:  
● FROM STA. 17+48.82 TO STA. 19+74.56  
●● 6' FROM STA. 15+98.75 TO STA. 17+50 & VARIES 6' TO 14' FROM STA. 17+50 TO STA. 20+06  
●●● VARIES 0' TO 12' FROM STA. 16+30 TO STA. 17+50  
●●● VARIES 0' TO 12' FROM STA. 16+29.27 TO STA. 18+44.05



**PROPOSED TYPICAL SECTION**

IL RTE. 132  
LOOKING EAST  
STA. 22+99.50 TO STA. 27+91

NOTES:  
● VARIES 9' TO 4' FROM STA. 23+87 TO STA. 25+79.91 (CONCRETE BARRIER MEDIAN)  
4' FROM STA. 25+79.91 TO STA. 27+91.29 (CONCRETE MEDIAN, TYPE M-2.12) POURED MONOLITHICALLY  
●● VARIES 24' TO 0' FROM STA. 25+49.37 TO STA. 27+89.08  
●●● FROM STA. 22+99.50 TO STA. 24+80



**PROPOSED TYPICAL SECTION**

IL RTE. 132  
LOOKING EAST  
STA. 27+91 TO STA. 31+85

NOTES: ● VARIES 18' TO 11' FROM STA. 28+87 TO STA. 31+85

FILE NAME = ...DI\_IL132\_SHT\_TYPICALS.dgn  
USER NAME = aafitzpatrick  
DESIGNED - JAM  
DRAWN - JAM  
CHECKED - BAP  
DATE -  
PLOT SCALE = 48.0000' / in.  
PLOT DATE = 10/7/2016

DESIGNED - JAM  
DRAWN - JAM  
CHECKED - BAP  
DATE -

REVISIED -  
REVISIED -  
REVISIED -  
REVISIED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 132  
PROPOSED TYPICAL SECTIONS  
SCALE: N/A  
SHEET NO. 3 OF 4 SHEETS  
STA. N/A TO STA. N/A

F.A.P. RTE. 346

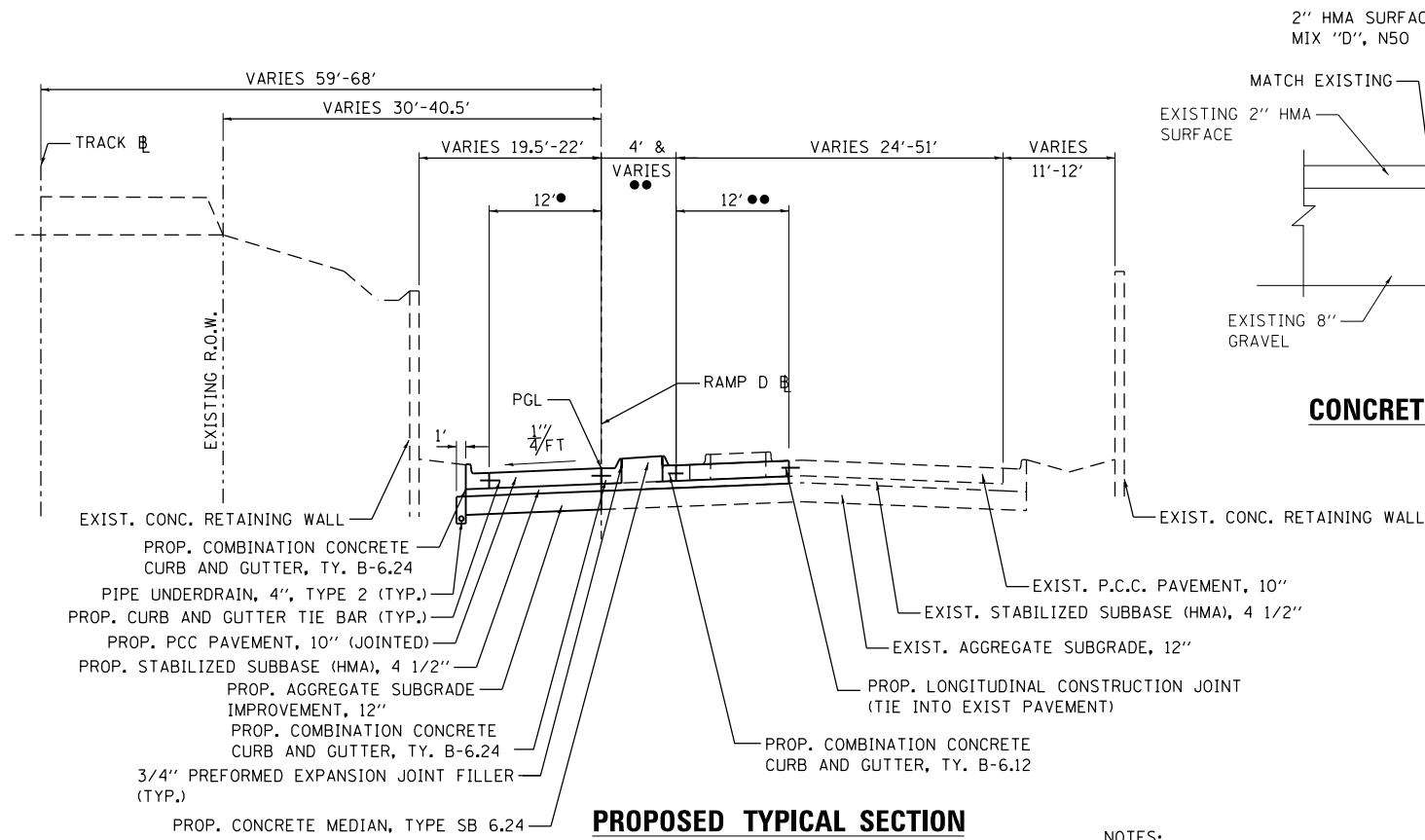
SECTION 125X-N&J-5B-B

COUNTY LAKE

TOTAL SHEETS 361

SHEET NO. 25

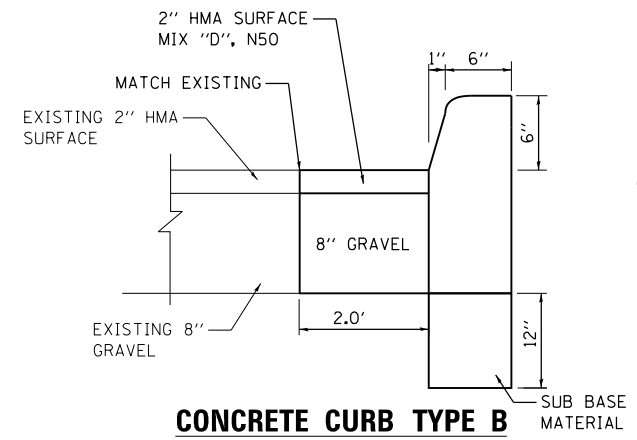
CONTRACT NO. 60K80  
ILLINOIS FED. AID PROJECT



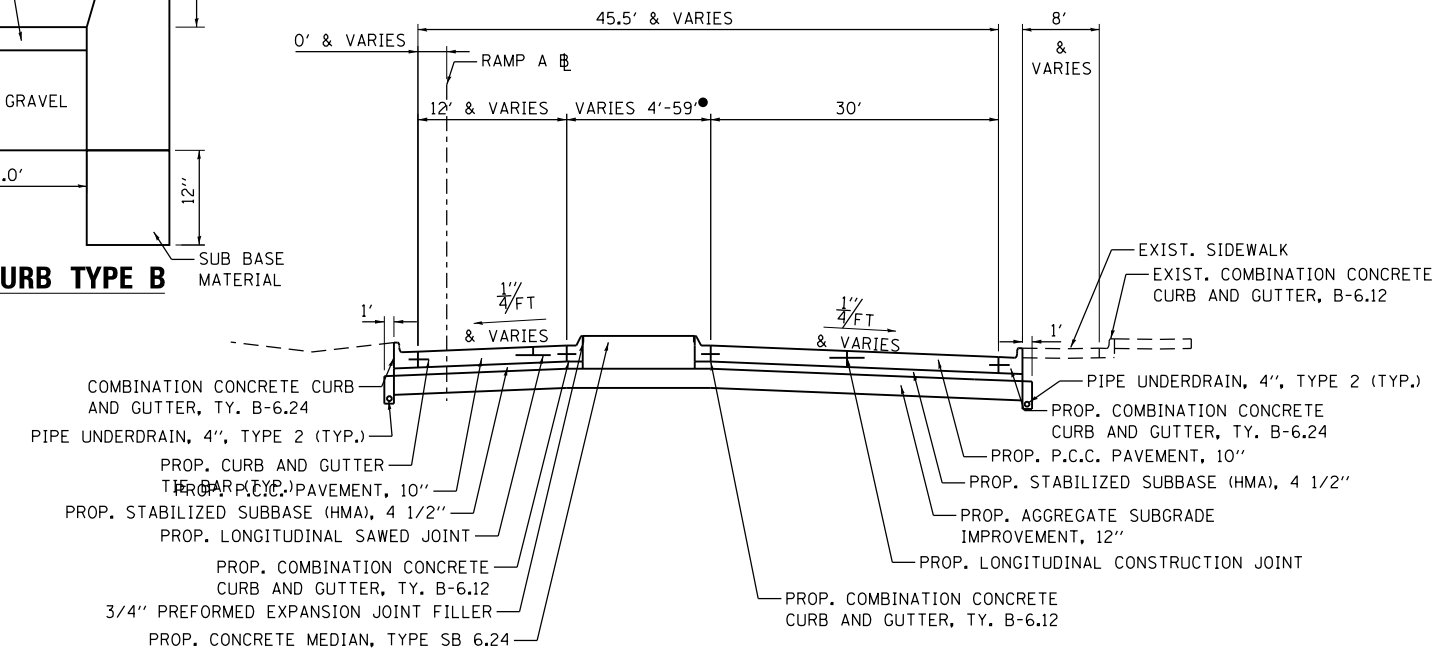
**PROPOSED TYPICAL SECTION**

RAMP D  
LOOKING SOUTH  
STA. 401+00 TO STA. 406+44.37

- NOTES:
- FROM STA. 405+83.02 TO STA. 406+44.37 VARIES 12' TO 0'.
  - FROM STA. 400+36.89 TO STA. 401+15.54

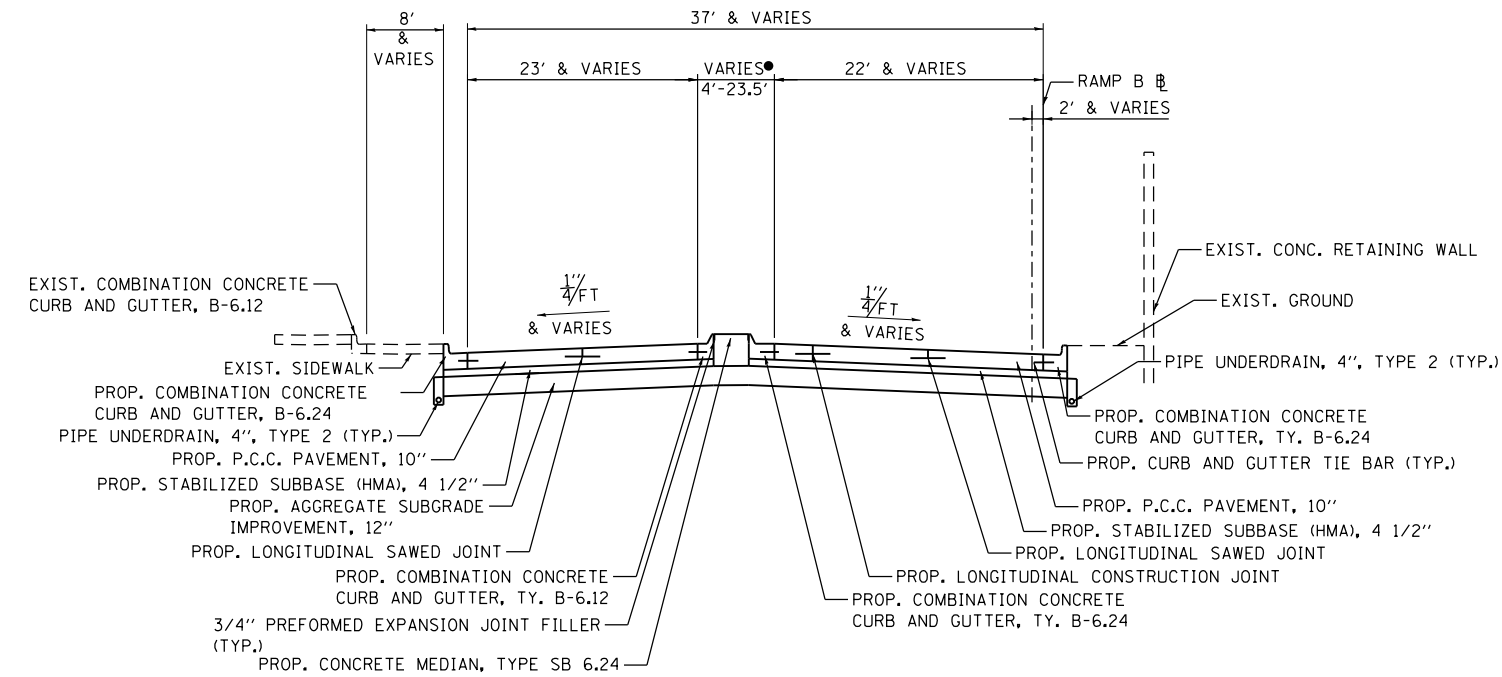


**CONCRETE CURB TYPE B**



**PROPOSED TYPICAL SECTION**

RAMP A  
LOOKING NORTH  
STA. 112+06 TO STA. 113+14.26  
NOTE:  
● FROM STA. 112+25.6 TO STA. 113+28.0



**PROPOSED TYPICAL SECTION**

RAMP B  
LOOKING NORTH  
STA. 213+10 TO STA. 213+84.57  
NOTE:  
● FROM STA. 213+46.10 TO STA. 217+79.09

STRUCTURAL DESIGN TRAFFIC :	YEAR	2022
PV =	28,200	SU = 1,500 MU = 1,750
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P =	32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 12.90	AC TYPE =
	MINIMUM TF = 6.03	
PG GRADE:	TOP BINDER = N/A	LOWER BINDER = N/A SURFACE = N/A
SUBGRADE SUPPORT RATING:		
	SSR =	POOR

IL 132 EARTHWORK

STATION	AREA (SQ FT)		VOL (CU YD)		REMOVE UNSUITABLE MATERIAL	STATION	AREA (SQ FT)		VOL (CU YD)		REMOVE UNSUITABLE MATERIAL
	CUT	FILL	CUT	FILL			CUT	FILL	CUT	FILL	
						21+50	0.00	0	37	6	
						22+00	104.59	0	97	0	11
						22+50	429.68	14.91	495	14	24
						23+00	546.83	18.37	904	31	17
						23+50	423.60	24.32	899	40	18
						24+00	464.40	24.72	822	45	18
						24+50	436.53	24.3	834	45	20
14+70	0	0				25+00	441.74	24.31	813	45	11
15+00	52.26	3.49	29	2	9	25+50	343.07	24.51	727	45	10
15+50	60.23	0	104	3	9	26+00	262.27	12.16	561	34	9
16+00	57.85	0.75	109	1	10	26+50	253.42	12.17	477	23	5
16+50	0.00	0	54	1	16	27+00	241.77	12.2	459	23	8
17+00	52.85	11.19	49	10	12	27+50	184.66	12.16	395	23	7
17+50	70.21	0	114	10	15	28+00	146.57	0	307	11	14
18+00	126.96	0	183	0	16	28+50	131.64	0	258	0	6
18+50	174.77	0	279	0	17	29+00	131.55	0	244	0	8
19+00	317.55	0	456	0	23	29+50	125.14	0	238	0	8
19+50	353.38	0	621	0	23	30+00	128.57	0	235	0	11
20+00	0.00	0	327	0		30+50	119.70	0	230	0	10
20+50	0.00	0	0	0		31+00	103.94	0	207	0	7
21+00	40.04	6.13	37	6	4	31+50	86.73	0	177	0	1
						31+85	36.33	0	80	0	0
	TOTAL		2,362	33	152		TOTAL	9,493	384	224	

EARTH EXCAVATION SUMMARY (TRACKWORK)

	20200100		SHRINK. 15%	USEABLE		20201200	
	EARTH EX. (CU YD)	FILL (CU YD)		EARTH EX. (CU YD)	BORROW EXC. EMBANKMENT AND OTHER FILLS (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	
<b>SHOOFLY TRACKS</b>							
NORTH OF IL 132	5,141	314	771	4,370	-457	3,845	
SOUTH OF IL 132	3,064	12,090	460	2,604	11,631		
<b>MAINLINE TRACKS</b>							
NORTH OF IL 132	10,223	500	1,534	8,690	-		
SOUTH OF IL 132	17,038	5,617	2,556	14,482	-		
TOTAL	35,467	18,521			11,174	3,845	

RAMP D EARTHWORK

STATION	AREA (SQ FT)		VOL (CU YD)	
	CUT	FILL	CUT	FILL
400+50	130.82	0		
401+00	111.83	0	225	0
401+50	39.09	0	140	0
402+00	35.37	0	69	0
402+50	33.36	0	64	0
403+00	35.00	0.42	63	0
403+50	37.05	0	67	0
404+00	39.25	0	71	0
404+50	45.51	0	78	0
405+00	35.62	1.38	75	1
405+50	32.77	1.21	63	2
406+00	23.80	0	52	1
406+50	0.00	0	22	0
	TOTAL		989	6

SIDE STREETS AND RAMPS A/B EARTHWORK

LOCATION	AREA (SQ FT)	DEPTH (FT)	CUT (CU YD)	FILL (CU YD)
RAMP A	9,974	1	369	0
RAMP B	6,559	1	243	0
GREENVIEW ST.	1,868	1	69	0
WAVELAND ST.	1,876	1	69	0
	TOTAL		751	0

EARTH EXCAVATION SUMMARY (ROADWAY)

	20200100 EARTH EX. (CU YD)
IL 132	11,855
RAMP D	989
RAMP A	369
RAMP B	243
GREENVIEW ST.	69
WAVELAND ST.	69
GRAND TOTAL	13,595

MAINLINE TRACKS

STATION	AREA (SQ FT)		VOL (CU YD)	
	CUT	FILL	CUT	FILL
196+00	0	0		
197+00	258.79	0	479	0
198+00	265.04	0	970	0
199+00	252.19	0	958	0
200+00	270.73	0	968	0
201+00	273.69	0	1,008	0
202+00	248.68	0	967	0
203+00	266.00	0	953	0
204+00	237.70	0	933	0
205+00	203.66	0	817	0
206+00	188.34	11.82	726	22
207+00	102.47	24.49	539	67
208+00	121.59	45.87	415	130
209+00	106.42	84.62	490	280
Bridge				
211+00	472.73	139.98	350	104
212+00	486.08	185.55	1,776	603
213+00	510.87	189.38	1,846	694
214+00	569.79	204.63	2,001	730
215+00	604.29	151.25	2,174	659
216+00	591.95	115.16	2,215	493
217+00	473.57	102.39	1,973	403
218+00	358.14	82.42	1,540	342
219+00	327.54	74.56	1,270	291
220+00	110.67	66.77	812	262
221+00	87.90	72.65	368	258
222+00	95.74	54.05	340	235
223+00	100.17	99.09	363	284
224+00	94.44	97.27	360	364
	TOTAL		27,612	6,220

SHOOFLY TRACKS

STATION	AREA (SQ FT)		VOL (CU YD)		REMOVE UNSUITABLE MATERIAL
	CUT	FILL	CUT	FILL	
198 + 50	39.13	0.00			
199 + 50	28.56	0.00	125.35	0.00	
0 + 00	171.63	0.00	370.72	0.00	
1 + 00	172.60	0.00	637.46	0.00	
2 + 00	179.20	0.00	651.48	0.00	
3 + 00	183.84	0.00	672.30	0.00	
4 + 00	185.65	0.00	684.24	0.00	
5 + 00	170.12	0.00	658.83	0.00	
6 + 00	145.24	0.00	584.00	0.00	87
7 + 00	55.66	0.00	372.04	0.00	1,558
8 + 00	63.05	19.50	219.83	36.11	2,056
9 + 00	26.04	130.72	164.98	278.19	144
Bridge					
11 + 00	3.47	362.98			
12 + 00	24.47	356.25	51.74	1,331.91	
13 + 00	23.96	373.97	89.69	1,352.26	
14 + 00	15.11	403.51	72.35	1,439.78	
15 + 00	11.46	498.43	49.20	1,670.26	
16 + 00	9.17	584.16	38.20	2,004.80	
17 + 00	31.78	440.91	75.83	1,898.28	
18 + 00	71.39	320.41	191.06	1,409.85	
19 + 00	83.14	52.76	286.17	691.06	
20 + 00	121.80	52.54	379.52	195.00	
21 + 00	133.64	0.00	473.04	97.30	
22 + 00	136.19	0.00	499.69	0.00	
23 + 00	136.34	0.00	504.69	0.00	
24 + 00	54.10	0.00	352.67	0.00	
	TOTAL		8,205	12,405	3,845

HOH HARRY O. HOPPER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS  
3366 55 East Jackson Blvd., Suite 600 Chicago, Illinois 60604 312/246-8131

USER NAME = aafitzpatrick  
PLOT SCALE = 2.0000' / in.  
PLOT DATE = 10/7/2016

DESIGNED - AAF  
DRAWN - JAM  
CHECKED - BAP  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 132 SCHEDULE OF QUANTITIES

SCALE: N/A SHEET NO. 1 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	27
CONTRACT NO. 60K80				

ILLINOIS FED. AID PROJECT

ROADWAY PAVEMENT SCHEDULES				31200502 STABILIZED SUBBASE HMA 4 1/2"	40300200 BITUMINOUS MATERIAL (PRIME COAT)	42000411 PCC PAVEMENT 9 1/2" (JOINTED)	42000501 PCC PAVEMENT 10" (JOINTED)	X0324993 SEPARATION JOINT W/ SLEEPER SLAB	42001300 PROTECTIVE COAT	44200966 CLASS B PATCH TYPE 1 10"	44200976 CLASS B PATCH TYPE IV 10"
LOCATION				AREA	AREA	AREA	AREA	LENGTH	AREA	AREA	AREA
STATION	TO	STATION	OFFSET	(SQ YD)	(TON)	(SQ YD)	(SQ YD)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)
IL ROUTE 132											
22 + 98	TO	24 + 80	RT			103			103		
24 + 80	TO	31 + 85	RT			1,894			1,894		
14 + 70	TO	24 + 80	LT			3,084			3,084		
24 + 80	TO	31 + 85	LT			2,117			2,117		
14 + 80	TO	18 + 44	-----			428			428		
16 + 30	TO	20 + 05	-----			421			421		
18 + 85	TO	23 + 00	-----			800			800		
23 + 00	TO	27 + 89	-----			1,011			1,011		
25 + 48	TO	31 + 85	-----			857			857		
19 + 52	TO	22 + 38	LT					300			
22 + 55	TO	22 + 96	RT					56			
23 + 50	TO	24 + 07	RT								38
23+28	TO	23 + 87	LT								64
RAMP A											
112 + 06	TO	113 + 14		332	0.37		283		283		
112 + 20	TO	113 + 28		484	0.54		425		425		
RAMP B											
213 + 10	TO	213 + 85		296	0.33		267		267		
213 + 10	TO	213 + 85		202	0.23		174		174		
RAMP D											
400 + 40	TO	401 + 20		195	0.22		178		178		
400 + 40	TO	406 + 44		1,033	1.16		834		834		
400 + 81	TO	400 + 82	RT						5	5	
402 + 55	TO	402 + 55	RT						5		
402 + 55	TO	403 + 06	RT						40		45
403 + 52	TO	403 + 52	RT						25		25
TOTAL				2,542	3	10,715	2,161	356	12,951	5	172

SIDEWALK SCHEDULES				42400200 PCC SIDEWALK, 5"	42300400 PCC SIDEWALK, 8"	42400800 DETECTABLE WARNINGS	42001300 PROTECTIVE COAT
LOCATION				AREA	AREA	AREA	AREA
STATION	TO	STATION	OFFSET	(SQ FT)	(SQ FT)	(SQ FT)	(SQ YD)
IL ROUTE 132							
14 + 70	TO	16 + 32	LT	1,134		18	126
16 + 74	TO	19 + 67	LT	1,968		36	219
20 + 11	TO	20 + 49	LT	0		24	
20 + 93	TO	21 + 31	LT	227		28	25
21 + 60	TO	21 + 67	LT	0		24	
22 + 12	TO	28 + 06	LT	4,666		12	518
28 + 55	TO	29 + 52	LT	658		28	73
29 + 70	TO	30 + 14	LT	308			34
30 + 46	TO	30 + 79	LT	204			23
31 + 10	TO	31 + 44	LT	243		12	27
21 + 00	TO	21 + 58	RT	312		28	35
21 + 99	TO	22 + 15	RT	0		24	
22 + 68	TO	28 + 14	RT	4,651		24	517
28 + 53	TO	29 + 75	RT	814		24	90
30 + 00	TO	30 + 65	RT	425			47
30 + 96	TO	31 + 85	RT	593			66
29 + 60	LT	CE			154		17
30 + 30	LT	CE			251		28
30 + 79	RT	CE			251		28
30 + 93	LT	CE			230		26
WAVELAND AVE.							
WEST SIDE				188			21
EAST SIDE				92			10
MAGNOLIA ST.							
WEST SIDE				32			4
STAGING FOR FOOTING-IL 132							
23 + 50	TO	24 + 07	RT	285			32
23 + 28	TO	23 + 87	LT	371			41
TOTAL				17,171	886	282	2,006

NOTE: SIDEWALKS IN ISLAND AREAS WILL BE PAID FOR AS "CONCRETE MEDIAN TYPE SB 6.24".

DRIVEWAY SCHEDULES			35501308 HMA BASE COURSE, 6"	35501316 HMA BASE COURSE, 8"	40603335 HMA SURF. CSE., MIX "D" N50	42300400 PCC CONC DRIVEWAY, 8"	42001300 PROTECTIVE COAT
LOCATION			AREA	AREA	WEIGHT	AREA	AREA
STATION	OFFSET	DESCRIPTION	(SQ YD)	(SQ YD)	(TON)	(SQ YD)	(SQ YD)
29 + 60	LT	CE				71.9	71.9
30 + 30	LT	CE				84.1	84.1
30 + 79	RT	CE		46.2	5.0		
29 + 87	RT	CE		21.0	2.4		
30 + 93	LT	CE				86.4	86.4
TOTAL			0	67	7	242	242



USER NAME : aafitzpatrick  
 PLOT SCALE : 2.0000' / 1" =  
 PLOT DATE : 10/7/2016

DESIGNED - AAF  
 DRAWN - JAM  
 CHECKED - BAP  
 DATE -  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 132  
 SCHEDULE OF QUANTITIES  
 SCALE: N/A SHEET NO. 2 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-SB-B	LAKE	361	28
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				

CURB & GUTTER / MEDIAN SCHEDULES				60600605 CONCRETE CURB TYPE B	60603800 COMB. CONC. CURB & GUTTER TYPE B-6.12	60605000 COMB. CONC. CURB & GUTTER TYPE B-6.24	60620000 CONCRETE MEDIAN SB 6.24	60618740 CONCRETE MEDIAN TYPE M-2.12	60623800 CONCRETE MEDIAN BARRIER	30300112 AGGREGATE SUBGRADE IMPROVEMENT, 12"	42001300 PROTECTIVE COAT
LOCATION				LENGTH (FOOT)	LENGTH (FOOT)	LENGTH (FOOT)	AREA (SQ FT)	AREA (SQ FT)	AREA (SQ FT)	AREA (SQ YD)	AREA (SQ YD)
STATION	TO	STATION	LOCATION								
IL ROUTE 132											
14 + 70	TO	16 + 21	LT			140				56	40
16 + 21	TO	16 + 41	LT		36					10	6
16 + 61	TO	16 + 85	LT		36					10	6
16 + 85	TO	19 + 90	LT			344				137	99
20 + 28	TO	21 + 45	LT			211				84	61
21 + 87	TO	27 + 97	LT			640				255	185
27 + 97	TO	28 + 14	LT		60					17	11
28 + 47	TO	28 + 64	LT		60					17	11
28 + 64	TO	31 + 42	LT			278				111	80
31 + 42	TO	31 + 46	LT		15					4	3
31 + 80	TO	31 + 84	LT		15					4	3
22 + 90	TO	28 + 09	RT			520				207	150
24 + 98	TO	27 + 96	LT	298						•	•
21 + 09	CURB CUT FOR ADA RAMP		RT			10				4	3
21 + 55	CURB CUT FOR ADA RAMP		RT			10				4	3
28 + 59	TO	31 + 85	RT			326				130	94
15 + 96	TO	17 + 71	MEDIAN					170		19	19
15 + 96	TO	20 + 05	MEDIAN			818		0		325	0
22 + 99	TO	25 + 78	MEDIAN			558		800		311	245
25 + 78	TO	27 + 95	MEDIAN				868			96	96
IL 132 FOOTING AREA											
23 + 50	TO	24 + 07	RT		57						
23 + 28	TO	23 + 87	LT		57						
RAMP A											
112 + 26	TO	113 + 28	ISLAND		201	59	1915			81	213
RAMP B											
213 + 46	TO	213 + 79	ISLAND		24	66	287			33	32
RAMP D											
400+70	TO	406 + 44	LT			609				242	176
400 + 27	TO	401 + 17	ISLAND		95	117	1148			74	128
SHOOFLY											
7 + 75					130					35	23
TOTAL				298	786	4,706	3350	868	970	2,267	1,687

FILE NAME = ...\\D1.IL132\_SHT.SCHEDULES.dwg USER NAME = aafitzpatrick

**HOH** HARRY O. HEFTER ASSOCIATES, INC.  
DESIGN AND CONSULTING ENGINEERS  
3366 55 East Jackson Blvd., Suite 600  
Chicago, Illinois 60604  
312/346-8131

DESIGNED - AAF	REVISED -
DRAWN - JAM	REVISED -
CHECKED - BAP	REVISED -
DATE -	REVISED -

PLOT SCALE = 2.0000' / 1" =  
PLOT DATE = 10/7/2016

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132  
SCHEDULE OF QUANTITIES**

SCALE: N/A SHEET NO. 3 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-SB-B	LAKE	361	29
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				

LANDSCAPING SCHEDULES				21101615	21101645	21101805	21101685	25200110	25000210	25000400	25000600
LOCATION				TOPSOIL FURN. & PLACE, (SQ YD)	TOPSOIL FURN. & PLACE, (SQ YD)	COMPOST FURN. & PLACE, (SQ YD)	TOPSOIL FURN. & PLACE, (SQ YD)	SODDING SALT, TOLERANT (SQ YD)	SEEDING, CLASS 2A (ACRE)	NITROGEN FERT. NUTR., (POUND)	POTASSIUM FERT. NUTR., (POUND)
STATION	TO	STATION	OFFSET								
IL 132											
14 + 70	TO	16 + 40	LT	75				75			
16 + 62	TO	18 + 84	LT	273				273			
18 + 84	TO	19 + 87	LT	790							
17 + 73	TO	19 + 82	MEDIAN				197		0.16	9.6	9.6
23 + 11	TO	28 + 12	LT	619					0.04	2.4	2.4
23 + 50	TO	28 + 14	RT		1,260	1,260			0.13	7.7	7.7
28 + 48	TO	31 + 33	LT	97				97	0.26	15.6	15.6
28 + 61	TO	31 + 85	RT	82				82			
RAMP D											
400 + 78	TO	406 + 70	LT		297	297			0.06	3.7	3.7
UPRR											
1 + 00	TO	9 + 19	LT	7,915					1.63	23.7	23.7
10 + 80	TO	24 + 60	LT	7,758					1.60	96.2	96.2
			TOTAL	17,609	1,557	1,557	197	527	3.88	159	159

SIGNAGE SCHEDULES			72000100	72000200	72400310	72400320	72400710	72400720	7290100	7290200
LOCATION			SIGN PANEL TYPE 1	SIGN PANEL TYPE 2	REM SIGN PANEL TYPE 1	REM SIGN PANEL TYPE 2	REL SIGN PANEL TYPE 1	REL SIGN PANEL TYPE 2	METAL POST TYPE A	METAL POST TYPE B
STATION	OFFSET (FT)	DESCRIPTION	AREA (SQ FT)	AREA (SQ FT)	AREA (SQ FT)	AREA (SQ FT)	AREA (SQ FT)	AREA (SQ FT)	AREA (LN FT)	AREA (LN FT)
15 + 80	55 RT	M5-2L, M5-1R	4.4		3.5					
16 + 01	3 LT	R4-7	5.0						13.5	
16 + 24	59 LT	D3-1			1.5		1.5			12.5
16 + 29	59 LT	R1-1			6.0		6.0			12.5
18 + 77	75 LT	R2-1			7.5		7.5			13.0
19 + 38	76 LT	M3-4 & M1-I100			7.0		7.0			
19 + 48	11 LT	R3-5, R4-7	10.0						13.5	
19 + 66	80 LT	R10-4B			1.0		1.0			
19 + 79	100 LT	R5-1	7.5			16.0		16.0		
20 + 27	35 LT	R5-1 & R6-1R			8.4		8.4			
20 + 33	60 LT	2 (R 5-1 & R, 5.1)	14.5			16.0		16.0	16.0	
20 + 85	75 LT	R5-1	9.0			16.0		16.0		
21 + 65	81 LT	M3-1, M1-4, M6-1R			8.0		8.0		13.5	
21 + 67	61 LT	M3-1, M1-4, M5-2L			8.0		8.0		13.5	
21 + 67	32 LT	D1-1C			3.0		3.0			
21 + 71	39 LT	R10-11A & R10-4BB			5.8		5.8			
21 + 44	38 RT	R3-8, R5-1	25.0						13.0	
21 + 90	30 RT	R10-4BB, R5-1, & R6-1R	15.3			16.0		16.0	15.0	
22 + 37	36 LT	R3-1			6.5					
22 + 57	34 RT	R5-1 & R10-4BR			1.0	16.0		1.0	16.0	
22 + 62	33 RT	M3-2 & M1-I100			7.0		7.0			
23 + 30	39 RT	R4-7	11.3						13.5	
24 + 12	69 LT	D1-2			12.5		12.5			27.0
24 + 95	24 RT	R-3-5bP	5.0						16.0	
24 + 96	24 LT	R 3-8	6.3						16.0	
26 + 44	59 LT	W3-3 W/BEACON			9.0		9.0			14.5
26 + 86	64 LT	M3-3, M3-1, 2-M1-4, M5-1L, & M6-1	4.4			16.0		12.5		30.0
27 + 65	70 LT	VILLAGE SIGN			5.0		5.0		13.0	
27 + 87	2 LT	R3-5, R4-7	12.2						13.5	
28 + 08	60 LT	R1-1			6.0		6.0		12.5	
28 + 11	60 LT	D3-1			1.5		1.5		12.5	
29 + 00	35 LT	M2-1 & M1-4			6.2		6.2		13.6	
107 + 00	29 LT	R3-8	9.0						13.0	
107 + 00	13 RT	R3-5	7.5						13.0	
110 + 50	47 LT	R3-8	9.0						13.0	
110 + 50	13 RT	R3-5	7.5						13.0	
401 + 36	17 LT	M6-1A & W12-2	9.0		10.8		1.8		15.0	
402 + 15	10 LT	R3-1			6.5					
403 + 65	10 LT	R3-R	7.5							
404 + 47	26 LT	D1-3		24.0						29.0
405 + 65	8 LT	R3-R	7.5						12.5	
		TOTAL	182.5	24.0	128.2	96.0	106.2	92.5	326.1	100.5



FILE NAME = ...\\DL1132\_SHT\_SCHEDULES.dwg  
 USER NAME = aafitzpatrick  
 DESIGNED - AAF  
 DRAWN - JAM  
 CHECKED - BAP  
 DATE -  
 PLOT SCALE = 2.0000' / 1" =  
 PLOT DATE = 10/7/2016

REVISOR -  
 REVISION -  
 REVISION -  
 REVISION -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 132  
 SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 4 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	30
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				

EACH	LOCATION	OFFSET	TYPE	REMARKS
1	25 + 76.0	LT	SEWER CB	IL 132
1	31 + 35.0	LT	SEWER CB	IL 132
60250200 CATCH BASINS TO BE RECONSTRUCTED				
EACH	LOCATION	OFFSET	TYPE	REMARKS
1	25 + 27.0	LT	SEWER CB	IL 132
1	27 + 67.0	LT	SEWER CB	IL 132
1	403 + 25.0	RT	SEWER CB	RAMP D
60255500 MANHOLES TO BE ADJUSTED				
EACH	LOCATION	OFFSET	TYPE	REMARKS
1	19 + 00.0	LT	SEWER MH	IL 132
1	20 + 60.0	LT	SEWER MH	IL 132
1	25 + 12.0	LT	SEWER MH	IL 132
1	28 + 40.0	LT	SANITARY MH	IL 132
1	29 + 10.0	LT	TEL MH	IL 132
1	29 + 22.0	LT	ELEC MH	IL 132
1	30 + 18.0	LT	SEWER MH	IL 132
1	30 + 50.0	LT	TEL MH	IL 132
1	31 + 00.0	LT	SEWER MH	IL 132
1	31 + 39.0	LT	SEWER MH	IL 132
60257900 MANHOLES TO BE RECONSTRUCTED				
EACH	LOCATION	OFFSET	TYPE	REMARKS
1	16 + 58.0	LT	SEWER MH	IL 132
1	21 + 28.0	LT	SEWER MH	IL 132
1	22 + 43.0	LT	SEWER MH	IL 132
1	22 + 43.0	LT	SEWER MH	IL 132
1	23 + 64.0	RT	SEWER MH	IL 132
1	27 + 52.0	LT	SEWER MH	IL 132
1	400 + 89.0	RT	SEWER MH	RAMP D
1	402 + 50.0	RT	SEWER MH	RAMP D
1	403 + 52.0	RT	SEWER MH	RAMP D
60265700 VALVE VAULTS TO BE ADJUSTED				
EACH	LOCATION	OFFSET	TYPE	REMARKS
1	16 + 72.0	LT	WATER VALVE	IL 132
1	16 + 96.0	LT	WATER VALVE	IL 132
1	25 + 20.0	RT	GAS VALVE	IL 132
1	25 + 21.0	LT	GAS VALVE	IL 132
1	25 + 38.0	RT	GAS VALVE	IL 132
1	28 + 16.0	LT	WATER VALVE	IL 132
1	28 + 21.0	LT	WATER VALVE	IL 132
60266600 VALVE BOXES TO BE ADJUSTED				
EACH	LOCATION	OFFSET	TYPE	REMARKS
1	16 + 33.0	LT	GAS VALVE	IL 132
1	23 + 55.0	RT	GAS VALVE	IL 132
1	25 + 17.0	LT	WATER VALVE	IL 132

UNITS	LOCATION	OFFSET
11	17 + 45.0	LT
11	17 + 50.0	LT
11	17 + 55.0	LT
11	17 + 60.0	LT
8	17 + 65.0	LT
13	17 + 72.0	LT
6	18 + 06.0	LT
6	18 + 09.0	LT
6	18 + 13.0	LT
8	18 + 19.0	LT
6	18 + 26.0	LT
6	18 + 30.0	LT
6	18 + 34.0	LT
6	18 + 37.0	LT
6	18 + 48.0	LT
8	18 + 51.0	LT
8	18 + 54.0	LT
7	18 + 57.0	LT
7	18 + 60.0	LT
8	18 + 64.0	LT
7	18 + 68.0	LT
6	18 + 72.0	LT
6	18 + 77.0	LT
7	18 + 82.0	LT
6	18 + 85.0	LT
8	24 + 90.0	RT
8	24 + 95.0	RT
8	25 + 64.0	RT
10	25 + 58.5	LT
10	25 + 96.5	LT
10	26 + 03.5	LT
10	26 + 14.0	LT
8	26 + 38.0	RT
8	26 + 76.0	LT
8	26 + 83.0	LT
8	27 + 00.0	RT
8	27 + 08.0	RT
10	4 + 70.0	TRACK B
10	4 + 95.0	TRACK B
12	6 + 05.0	TRACK B
327	TOTAL	
20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)		
UNITS	LOCATION	OFFSET
30	17 + 92.0	LT
17	18 + 68.0	LT
47	TOTAL	

FOOT	LOCATION	OFFSET	REMARKS
4	12 + 00.0	LT	SHOOFLY TRACK
4	12 + 50.0	LT	SHOOFLY TRACK
4	12 + 75.0	LT	SHOOFLY TRACK
4	12 + 90.0	LT	SHOOFLY TRACK
4	198 + 00.0	LT	UPRR S.B. TRACKS
4	198 + 25.0	LT	UPRR S.B. TRACKS
4	198 + 50.0	LT	UPRR S.B. TRACKS
4	207 + 33.0	LT	UPRR S.B. TRACKS
4	207 + 50.0	LT	UPRR S.B. TRACKS
4	207 + 66.0	LT	UPRR S.B. TRACKS
4	208 + 50.0	LT	UPRR S.B. TRACKS
4	208 + 75.0	LT	UPRR S.B. TRACKS
4	209 + 00.0	LT	UPRR S.B. TRACKS
52	TOTAL		
28000400 PERIMETER EROSION BARRIER			
FOOT	LOCATION	OFFSET	REMARKS
100	SHOOFLY FOOTING		STAGE 1
102	SHOOFLY FOOTING		STAGE 1
106	13 + 75.0 TO 14 + 70.0	LT	STAGE 3
62	28 + 58.4 TO 29 + 20.1	LT	STAGE 3
100	28 + 59.3 TO 29 + 60.3	RT	STAGE 4
61	30 + 04.4 TO 30 + 65.3	RT	STAGE 4
85	31 + 08.6 TO 31 + 93.1	RT	STAGE 4
615	TOTAL		
28000510 INLET FILTER			
EACH	LOCATION	OFFSET	REMARKS
1	22 + 44.7	LT	STAGE 1
1	22 + 59.1	RT	STAGE 1
1	23 + 08.1	LT	STAGE 1
1	25 + 75.0	LT	STAGE 1
1	400 + 80.0	LT	STAGE 1
1	400 + 90.0	LT	STAGE 1
1	401 + 00.0	LT	STAGE 1
1	21 + 39.4	LT	STAGE 2A
1	21 + 42.4	LT	STAGE 2A
1	21 + 43.9	LT	STAGE 2A
1	21 + 59.1	RT	STAGE 2A
1	21 + 68.1	RT	STAGE 2A
1	21 + 78.9	RT	STAGE 2A
1	22 + 00.0	RT	STAGE 2A
1	22 + 30.2	LT	STAGE 2A
1	23 + 25.0	LT	STAGE 2A
1	23 + 28.0	LT	STAGE 2A
1	23 + 40.0	LT	STAGE 2A
1	402 + 50.0	LT	STAGE 2A
1	403 + 55.0	LT	STAGE 2A
1	21 + 69.5	RT	STAGE 2B
1	21 + 78.5	RT	STAGE 2B
1	21 + 82.5	RT	STAGE 2B
1	21 + 87.7	LT	STAGE 2B
1	21 + 90.6	LT	STAGE 2B
1	21 + 93.2	LT	STAGE 2B
1	23 + 40.0	RT	STAGE 2B
1	24 + 44.0	LT	STAGE 2B
1	18 + 97.7	LT	STAGE 2C
1	19 + 83.5	LT	STAGE 2C
1	19 + 87.0	LT	STAGE 2C
1	19 + 89.3	LT	STAGE 2C
1	19 + 90.5	LT	STAGE 2C
1	20 + 35.6	LT	STAGE 2C
1	20 + 41.0	LT	STAGE 2C
1	20 + 46.8	LT	STAGE 2C
1	14 + 77.0	RT	STAGE 3
1	15 + 31.5	RT	STAGE 3
1	15 + 89.3	RT	STAGE 3
1	16 + 27.0	RT	STAGE 3
1	16 + 38.8	LT	STAGE 3
1	16 + 71.5	LT	STAGE 3
1	16 + 90.4	RT	STAGE 3
1	17 + 64.9	RT	STAGE 3
1	18 + 00.0	LT	STAGE 3
1	18 + 31.5	RT	STAGE 3
1	19 + 00.0	RT	STAGE 3
1	20 + 45.1	RT	STAGE 3
1	20 + 48.8	RT	STAGE 3
1	20 + 51.8	RT	STAGE 3
1	20 + 95.3	RT	STAGE 3
1	20 + 97.0	RT	STAGE 3
1	21 + 00.0	RT	STAGE 3
1	25 + 13.7	RT	STAGE 3
1	25 + 29.0	LT	STAGE 3
1	25 + 52.0	RT	STAGE 3
1	27 + 68.0	LT	STAGE 3
1	27 + 70.0	LT	STAGE 3
1	28 + 14.0	LT	STAGE 3
1	25 + 46.0	LT	STAGE 3
1	28 + 47.2	LT	STAGE 3
1	31 + 34.9	LT	STAGE 3
1	31 + 40.9	LT	STAGE 3
63	TOTAL		

POUND	LOCATION	OFFSET	REMARKS	ACRES
36	109 + 42.6 TO 113 + 77.2	LT	RAMP A	0.36
9	212 + 56.0 TO 213 + 72.9	LT	RAMP B	0.09
31	400 + 78.6 TO 407 + 17.6	LT	RAMP D	0.31
17	23 + 30.0 TO 28 + 00.0	LT	STAGE 1	0.17
14	23 + 49.8 TO 25 + 50.0	RT	STAGE 1	0.14
8	14 + 70.0 TO 16 + 44.6	LT	STAGE 3	0.08
11	16 + 65.6 TO 19 + 39.5	LT	STAGE 3	0.11
3	28 + 58.8 TO 29 + 20.1	LT	STAGE 3	0.03
14	25 + 55.0 TO 28 + 15.0	RT	STAGE 4	0.14
11	0+00 TO 3 + 00.0	RT	SHOOFLY UPRR N. B. TRACK	0.11
5	5 + 25.0 TO 6 + 40.0	LT	SHOOFLY TRACK	0.05
11	6 + 40.0 TO 9 + 10.0	LT	SHOOFLY TRACK	0.11
10	6 + 40.0 TO 8 + 50.0	RT	SHOOFLY TRACK	0.10
43	10 + 50.0 TO 15 + 50.0	LT	SHOOFLY TRACK	0.43
51	10 + 40.0 TO 15 + 50.0	RT	SHOOFLY TRACK	0.51
46	15 + 50.0 TO 21 + 80.0	LT	SHOOFLY TRACK	0.46
9	15 + 50.0 TO 18 + 25.0	RT	SHOOFLY TRACK	0.09
19	98 + 00.0 TO 201 + 60.0	LT	UPRR S. B. TRACKS	0.19
33	98 + 00.0 TO 107 + 00.0	RT	UPRR N. B. TRACKS	0.33
11	105 + 00.0 TO 107 + 00.0	LT	UPRR S. B. TRACKS	0.11
30	107 + 00.0 TO 109 + 50.0	LT	UPRR S. B. TRACKS	0.30
4	107 + 00.0 TO 109 + 00.0	RT	UPRR N. B. TRACKS	0.04
99	110 + 25.0 TO 116 + 00.0	LT	UPRR S. B. TRACKS	0.99
17	110 + 70.0 TO 116 + 00.0	RT	UPRR N. B. TRACKS	0.17
65	116 + 00.0 TO 124 + 50.0	LT	UPRR S. B. TRACKS	0.65
8	116 + 00.0 TO 122 + 70.0	RT	UPRR N. B. TRACKS	0.08
615	TOTAL			





60500060	REMOVE INLETS	LOCATION	OFFSET	REMARKS
EACH				
1		16 + 33.6	LT	IL. RTE. 132
1		18 + 20.4	LT	IL. RTE. 132
1		19 + 44.7	LT	IL. RTE. 132
1		112 + 35.3	LT	RAMP A
1		112 + 44.7	LT	RAMP A
1		112 + 47.3	RT	RAMP A
1		112 + 55.3	RT	RAMP A
1		112 + 55.5	LT	RAMP A
1		112 + 66.8	RT	RAMP A
1		213 + 22.7	RT	RAMP B
1		213 + 31.9	RT	RAMP B
1		213 + 40.6	RT	RAMP B
1		21 + 57.8	LT	IL. RTE. 132
1		21 + 68.1	LT	IL. RTE. 132
1		21 + 74.6	LT	IL. RTE. 132
1		21 + 59.1	RT	IL. RTE. 132
1		21 + 68.0	RT	IL. RTE. 132
1		21 + 78.9	RT	IL. RTE. 132
1		400 + 53.3	RT	RAMP D
1		400 + 79.8	LT	RAMP D
1		400 + 90.5	LT	RAMP D
1		400 + 99.6	LT	RAMP D
1		22 + 45.0	LT	IL. RTE. 132
1		22 + 59.1	RT	IL. RTE. 132
1		23 + 62.2	LT	IL. RTE. 132
1		23 + 64.2	RT	IL. RTE. 132
1		24 + 45.7	LT	IL. RTE. 132
1		24 + 46.1	RT	IL. RTE. 132
1		25 + 29.0	LT	IL. RTE. 132
1		25 + 31.5	RT	IL. RTE. 132
1		27 + 68.5	LT	IL. RTE. 132
1		27 + 68.5	RT	IL. RTE. 132
1		27 + 95.0	LT	IL. RTE. 132
1		28 + 10.0	LT	IL. RTE. 132
1		28 + 48.7	LT	IL. RTE. 132
1		28 + 48.8	LT	IL. RTE. 132
1		401 + 48.3	LT	RAMP D
1		402 + 87.9	LT	RAMP D
1		403 + 07.7	RT	RAMP D
1		404 + 24.8	LT	RAMP D
40	TOTAL			

70400100	TEMPORARY CONCRETE BARRIER	FOOT	LOCATION	OFFSET	REMARKS
650		400 + 45.0	TO 406 + 63.0	LT	RAMP D
200		23 + 29.0	TO 25 + 29.0	RT	STAGE 1A
275		22 + 84.0	TO 25 + 58.0	LT	STAGE 1B
1,125	TOTAL				

70400200	RELOCATE CONCRETE BARRIER	FOOT	LOCATION	OFFSET	REMARKS
200		23 + 29.0	TO 25 + 29.0	RT	STAGE 1B
200	TOTAL				

70600255	IMPACT ATTENUATOR TEMPORARY (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	LOCATION	OFFSET	REMARKS
1			23 + 29.0	RT	STAGE 1A
1			25 + 29.0	RT	STAGE 1A
2	TOTAL				

70600260	IMPACT ATTENUATOR TEMPORARY (FULLY REDIRECTIVE), NARROW TEST LEVEL 3	EACH	LOCATION	OFFSET	REMARKS
1			406 + 63.0	LT	RAMP D
1	TOTAL				

70600320	IMPACT ATTENUATOR RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	LOCATION	OFFSET	REMARKS
1			22 + 84.0	LT	STAGE 1B
1			24 + 58.0	LT	STAGE 1B
2	TOTAL				

5423A030	PIPE CULVERTS, CLASS A, TYPE 3 30" (TEMPORARY)	FOOT	LOCATION	OFFSET	REMARKS
80		13 + 00.0	TO 13 + 00.0		SHOOFLY TRACKS
80	TOTAL				

Z0041600	PLUG EXISTING INLETS	LOCATION	OFFSET	REMARKS
EACH				
1		16 + 33.2	25.66' LT	IL 132
1		16 + 41.6	51.42' LT	IL 132
1		16 + 69.7	54.72' LT	IL 132
1		18 + 20.4	21.26' LT	IL 132
1		19 + 44.8	22.57' LT	IL 132
1		112 + 55.3	1.16' RT	RAMP A
1		112 + 66.9	1.44' RT	RAMP A
1		213 + 22.6	43.29' RT	RAMP B
1		213 + 23.0	38.42' RT	RAMP B
1		21 + 61.6	26.01' RT	IL 132
1		21 + 65.7	26.01' RT	IL 132
1		21 + 67.9	25.20' LT	IL 132
1		21 + 68.1	25.18' RT	IL 132
1		21 + 70.7	26.02' RT	IL 132
1		21 + 76.4	26.02' RT	IL 132
1		22 + 45.0	20.22 RT	IL 132
1		22 + 59.1	21.64' RT	IL 132
1		23 + 64.2	20.01' RT	IL 132
1		23 + 64.7	21.11' LT	IL 132
1		24 + 43.1	23.33' LT	IL 132
1		24 + 43.4	22.76' RT	IL 132
1		27 + 53.0	0.60' LT	IL 132
1		27 + 66.3	25.95' RT	IL 132
1		27 + 68.5	27.06' LT	IL 132
1		27 + 95.9	53.97' LT	IL 132
1		28 + 10.1	62.44' LT	IL 132
1		400 + 53.3	26 RT	RAMP D
1		400 + 89.5	2.58' LT	RAMP D
1		401 + 00.0	2.91' LT	RAMP D
1		401 + 06.8	6.48' LT	RAMP D
1		401 + 47.7	1.31' RT	RAMP D
1		402 + 87.1	1.30' LT	RAMP D
1		403 + 06.9	36.75' RT	RAMP D
1		404 + 24.2	1.32' RT	RAMP D
34	TOTAL			

X6640300	CHAIN LINK FENCE REMOVAL	FOOT	LOCATION	OFFSET	REMARKS
178		23 + 25.90	TO 24 + 97.30	68.0' LT	
800					SHOOFLY TRACK
978	TOTAL				

X4022000	TEMPORARY ACCESS (COMMERICAL DRIVE)	EACH	LOCATION	OFFSET	REMARKS
1			29+60	LT	
1			30+30	LT	
1			30+79	RT	
1			29+87	RT	
1			30+93	LT	
5	TOTAL				

X4023000	TEMPORARY ACCESS (ROAD)	EACH	LOCATION	OFFSET	REMARKS
1			GREENVIEW ST.	LT	
1			WAVELAND AVE.	LT	
1			WAVELAND AVE.	RT	
1			MAGNOLIA AVE	LT	
4	TOTAL				

Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	LOCATION	OFFSET	REMARKS
25.7			ILL 131 SOUTH OF WASH ST.	RT	DETOUR ROUTE- STAGES 1C & 1D
25.7			ILL 131 NORTH OF ILL132	RT	DETOUR ROUTE- STAGE 1C
25.7			ILL 132 EAST OF ILL131	RT	DETOUR ROUTE- STAGES 1C & 1D
25.7			US 41 NORTH OF ILL 132	RT	DETOUR ROUTE- STAGES 1C & 1D
25.7			US 41 SOUTH OF WASH ST.	RT	DETOUR ROUTE- STAGES 1C
25.7			US 41 SOUTH OF WASH ST.	RT	DETOUR ROUTE- STAGES 1D
25.7			ILL 132 EAST OF US 41	RT	DETOUR ROUTE- STAGES 1D & 2B
25.7			ILL 132 WEST OF US 41	RT	DETOUR ROUTE- STAGES 1C & 1D
25.7			ILL 132 WEST OF US 41	LT	DETOUR ROUTE- STAGE 2C
80.0			RAMP A		CLOSURE
40.0			RAMP B		CLOSURE
12.5			29 + 60	LT	DRIVEWAY SIGNS (2 EACH)
12.5			29 + 87	RT	DRIVEWAY SIGNS (2 EACH)
12.5			30 + 30	LT	DRIVEWAY SIGNS (2 EACH)
12.5			30 + 79	RT	DRIVEWAY SIGNS (2 EACH)
12.5			30 + 93	LT	DRIVEWAY SIGNS (2 EACH)
414	TOTAL				

60252800	CATCH BASINS TO BE ADJUSTED	EACH	LOCATION	OFFSET	TYPE	REMARKS
1			25 + 76.0	LT	SEWER CB	IL 132
1			31 + 35.0	LT	SEWER CB	IL 132
2	TOTAL					

60250200	CATCH BASINS TO BE RECONSTRUCTED	EACH	LOCATION	OFFSET	TYPE	REMARKS
1			25 + 27.0	LT	SEWER CB	IL 132
1			27 + 67.0	LT	SEWER CB	IL 132
1			403 + 25.0	RT	SEWER CB	RAMP D
3	TOTAL					

60255500	MANHOLES TO BE ADJUSTED	EACH	LOCATION	OFFSET	TYPE	REMARKS
1			19 + 00.0	LT	SEWER MH	IL 132
1			20 + 60.0	LT	SEWER MH	IL 132
1			25 + 12.0	LT	SEWER MH	IL 132
1			28 + 40.0	LT	SANITARY MH	IL 132
1			29 + 10.0	LT	TEL MH	IL 132
1			29 + 22.0	LT	ELEC MH	IL 132
1			30 + 18.0	LT	SEWER MH	IL 132
1			30 + 50.0	LT	TEL MH	IL 132
1			31 + 00.0	LT	SEWER MH	IL 132
1			31 + 39.0	LT	SEWER MH	IL 132
10	TOTAL					

60257900	MANHOLES TO BE RECONSTRUCTED	EACH	LOCATION	OFFSET	TYPE	REMARKS
1			16 + 58.0	LT	SEWER MH	IL 132
1			21 + 28.0	LT	SEWER MH	IL 132
1			22 + 43.0	LT	SEWER MH	IL 132
1			22 + 43.0	LT	SEWER MH	IL 132
1			23 + 64.0	RT	SEWER MH	IL 132
1			27 + 52.0	LT	SEWER MH	IL 132
1			400 + 89.0	RT	SEWER MH	RAMP D
1			402 + 50.0	RT	SEWER MH	RAMP D
1			403 + 52.0	RT	SEWER MH	RAMP D
9	TOTAL					

60265700	VALVE VAULTS TO BE ADJUSTED	EACH	LOCATION	OFFSET	TYPE	REMARKS
1			16 + 72.0	LT	WATER VALVE	IL 132
1			16 + 96.0	LT	WATER VALVE	IL 132
1			25 + 20.0	RT	GAS VALVE	IL 132
1			25 + 21.0	LT	GAS VALVE	IL 132
1			25 + 38.0	RT	GAS VALVE	IL 132
1			28 + 16.0	LT	WATER VALVE	IL 132
1			28 + 21.0	LT	WATER VALVE	IL 132
7	TOTAL					

60266600	VALVE BOXES TO BE ADJUSTED	EACH	LOCATION	OFFSET	TYPE	REMARKS
1			16 + 33.0	LT	GAS VALVE	IL 132
1			23 + 55.0	RT	GAS VALVE	IL 132
1			25 + 17.0	LT	WATER VALVE	IL 132
3	TOTAL					

SO_FT	LOCATION	DESC	REMARKS
31	14 + 74. TO 16 + 30.0	LTL	2 ARROWS IN LTL @ 15.6 SQ FT EACH
42	14 + 74. TO 16 + 30.0	LTL	2 ONLY IN LTL @ 20.8 SQ FT EACH
31	17 + 50. TO 20 + 00.0	LTL	2 ARROWS IN LTL @ 15.6 SQ FT EACH
42	17 + 50. TO 20 + 00.0	LTL	2 ONLY IN LTL @ 20.8 SQ FT EACH
31	16 + 80. TO 20 + 00.0	RTL	2 ARROWS IN RTL @ 15.6 SQ FT EACH
42	16 + 80. TO 20 + 00.0	RTL	2 ONLY IN RTL @ 20.8 SQ FT EACH
62	22 + 46. TO 25 + 46.0	LTL	4 ARROWS IN LTL @ 15.6 SQ FT EACH
83	22 + 46. TO 25 + 46.0	LTL	4 ONLY IN LTL @ 20.8 SQ FT EACH
16	27 + 28. TO 27 + 91.0	LTL	1 ARROWS IN LTL @ 15.6 SQ FT EACH
21	27 + 28. TO 27 + 91.0	LTL	1 ONLY IN LTL @ 20.8 SQ FT EACH
62	28 + 73. TO 31 + 85.0	TWLTL	4 ARROWS IN TWLTL @ 15.6 SQ FT EACH
16	WAVELAND AVENUE	LTL	1 ARROWS IN LTL @ 15.6 SQ FT EACH
21	WAVELAND AVENUE	LTL	1 ONLY IN LTL @ 20.8 SQ FT EACH
94	RAMP A	LT WB BL	6 ARROWS IN RAMP A @ 15.6 SQ FT EACH
125	RAMP A	LT WB BL	6 ONLY IN RAMP A @ 20.8 SQ FT EACH
188	RAMP D	RT EB BL	12 ARROWS IN RAMP D @ 15.6 SQ FT EACH
250	RAMP D	RT EB BL	12 ONLY IN RAMP D @ 20.8 SQ FT EACH
103			MARKING RESTORATION AT END OF STAGE 3
1,259	TOTAL		

FOOT	LOCATION	OFFSET	REMARKS
140	14 + 72. TO 20 + 00.0	RT EB BL	WHITE SKIP DASH
140	14 + 72. TO 20 + 06.0	LT WB BL	WHITE SKIP DASH
819	15 + 99. TO 20 + 06.0	LT EB BL	YELLOW MEDIAN LINE
232	22 + 46. TO 23+04.0	RT WB BL	DOUBLE YELLOW LTL MEDIAN LINE
130	23 + 00. TO 27 + 88.0	RT EB BL	WHITE SKIP DASH
130	23 + 00. TO 27 + 88.0	LT WB BL	WHITE SKIP DASH
975	23 + 00. TO 27 + 91.0	LT EB BL	YELLOW MEDIAN LINE
624	28 + 73. TO 31 + 85.0	LT EB BL	YELLOW EDGE LINE FOR TWLTL
160	28 + 73. TO 31 + 85.0	LT EB BL	YELLOW SKIP DASH FOR TWLTL
80	28 + 73. TO 31 + 85.0	RT EB BL	WHITE SKIP DASH
80	28 + 73. TO 31 + 85.0	LT WB BL	WHITE SKIP DASH
88	WAVELAND AVENUE		DOUBLE CENTERLINE
484	RAMP A	LT WB BL	WHITE EDGE LINES
533	RAMP A	LT WB BL	YELLOW EDGE LINE
70	RAMP B	LT WB BL	WHITE EDGE LINES
65	RAMP B	LT WB BL	YELLOW EDGE LINE
10	RAMP B	LT WB BL	WHITE SKIP DASH
32	RAMP B	LT WB BL	YELLOW SKIP DASH GUIDE LINE
85	RAMP C	RT EB BL	WHITE EDGE LINES
105	RAMP C	RT EB BL	YELLOW EDGE LINE
344	RAMP D	RT EB BL	WHITE EDGE LINES
365	RAMP D	RT EB BL	YELLOW EDGE LINE
1,790			MARKING RESTORATION AT END OF STAGE 1B
2,944			MARKING RESTORATION AT END OF STAGE 3
10,425	TOTAL		

FOOT	LOCATION	OFFSET	REMARKS
158	14 + 72. TO 16 + 30.0	RT WB BL	WHITE LTL LANE LINE
28	15 + 68. TO 16 + 80.0	RT EB TL	WHITE LTL SKIP DASH
36	16 + 30. TO 18 + 44.0	LT WB TL	WHITE LTL SKIP DASH
249	17 + 50. TO 19 + 99.0	EB BL	WHITE LTL LANE LINE
319	16 + 80. TO 19 + 99.0	RT EB BL	WHITE RTL LANE LINE
607	22 + 46. TO 25 + 49.4	RT WB BL	WHITE LTL LANE LINE
58	25 + 49. TO 27 + 85.0	LT WB BL	WHITE LTL SKIP DASH
14	22 + 46. TO 23 + 00.0	LT WB BL	WHITE RTL SKIP LINE
42	25 + 47. TO 27 + 17.5	EB BL	WHITE LTL SKIP DASH
44	WAVELAND AVENUE		WHITE LANE LINE
166	RAMP A	LT WB BL	WHITE CROSSWALK MARKING
200	RAMP A	LT WB BL	WHITE SKIP DASH AND GUIDE LINE
430	RAMP A	LT WB BL	WHITE LANE LINE
132	RAMP B	LT WB BL	WHITE CROSSWALK MARKING
157	RAMP C	RT EB BL	WHITE CROSSWALK MARKING
75	RAMP C	LT WB BL	WHITE LANE LINE
66	RAMP C	LT EB BL	WHITE SKIP DASH GUIDE LINE
176	RAMP D	RT EB BL	WHITE CROSSWALK MARKING
910	RAMP D	RT EB BL	WHITE LANE LINE
225	RAMP D	RT EB BL	WHITE SKIP DASH AND GUIDE LINE
4,092	TOTAL		

FOOT	LOCATION	OFFSET	REMARKS
249	14 + 72. TO 15+99.0	RT WB BL	WHITE LTL MEDIAN LINE
250	RAMP D	RT EB BL	WHITE ISLAND MARKING
150	27 + 15. TO 27+90.7	LT EB BL	WHITE LTL MEDIAN LINE
296	RAMP A	LT WB BL	WHITE ISLAND MARKING
83	RAMP B	LT WB BL	WHITE ISLAND MARKING
150	RAMP C	RT EB BL	WHITE ISLAND MARKING
223	RAMP D	RT EB BL	WHITE ISLAND MARKING
182			MARKING RESTORATION AT END OF STAGE 3
1,583	TOTAL		

FOOT	LOCATION	OFFSET	REMARKS
21	14 + 72. TO 15 + 99.0	RT WB BL	WHITE DIAGONALS FOR MEDIAN
90	GREENVIEW ST	LT WB BL	WHITE CROSSWALK LINE
65	22 + 46. TO 23 + 00.0	RT WB BL	YELLOW DIAGONALS FOR MEDIAN
16	27 + 17. TO 27 + 90.7	LT EB BL	WHITE DIAGONALS FOR MEDIAN
17	RAMP A	LT WB BL	WHITE DIAGONALS FOR MEDIAN
17	RAMP D	RT EB BL	WHITE DIAGONALS FOR MEDIAN
20			MARKING RESTORATION AT END OF STAGE 1B
140			MARKING RESTORATION AT END OF STAGE 3
386	TOTAL		

FOOT	LOCATION	OFFSET	REMARKS
15	GREENVIEW ST	LT WB BL	STOP BAR
55	20 + 00.0	RT/LT EB BL	STOP BAR
50	22 + 45.0	RT/LT WB BL	STOP BAR
18	WAVELAND AVE	LT WB BL	STOP BAR
73	RAMP A	LT WB BL	STOP BAR
79	RAMP D	RT EB BL	STOP BAR
290	TOTAL		

EACH	LOCATION	OFFSET	REMARKS
8	14 + 72. TO 15 + 99.0	RT WB BL	2-WAY AMBER, 40' C-C
5	14 + 72. TO 16 + 30.0	LT WB BL	1-WAY CRYSTAL, 40' C-C
14	14 + 72. TO 20 + 00.0	LT WB BL	1-WAY CRYSTAL, 80' C-C
14	14 + 72. TO 20 + 00.0	RT EB BL	1-WAY CRYSTAL, 80' C-C
9	16 + 79. TO 20 + 00.0	RT EB BL	1-WAY CRYSTAL, 40' C-C
7	17 + 50. TO 20 + 00.0	LT EB BL	1-WAY CRYSTAL, 40' C-C
7	22 + 40. TO 23 + 00.0	LT WB BL	1-WAY CRYSTAL, 40' C-C AND MEDIAN
16	22 + 46. TO 25 + 49.4	LT WB BL	1-WAY CRYSTAL, 40' C-C
12	23 + 00. TO 27 + 90.7	LT WB BL	1-WAY CRYSTAL, 80' C-C
12	23 + 00. TO 27 + 90.7	RT EB BL	1-WAY CRYSTAL, 80' C-C
3	27 + 17. TO 27 + 90.7	LT EB BL	1-WAY CRYSTAL, 35' C-C
8	28 + 72. TO 31 + 85.0	LT WB BL	1-WAY CRYSTAL, 80' C-C
8	28 + 72. TO 31 + 85.0	RT EB BL	1-WAY CRYSTAL, 80' C-C
16	28 + 72. TO 31 + 85.0	LT EB BL	2-WAY AMBER, 40' C-C

**BENCHMARK DATA**

BM	ELEV.	LOCATION	DESCRIPTION
TBM #7	694.86	STA. 27+18.67, 55.72' LT EB 132	SQUARE CUT ON CONCRETE CURB AT NW CORNER OF IL RTE. 132 AND WAVELAND ST. ±100 FT WEST OF WAVELAND AVE. & 25' NORTH OF NORTHERLY SIDEWALK OF IL RTE. 132.
TBM "A"	696.20	STA. 33+41.44, 44.58' RT EB 132	NW BOLT OF OLD BILLBOARD FOUNDATION ± 50' SOUTH OF RTE. 132 & ± 150' W. OF PINE GROVE AVE.
TBM "B"	680.57	STA. 20+59.75, 37.56' RT EB 132	SQUARE CUT ON N'LY SIDE OF TRAFFIC LIGHT POLE CONCRETE BASE LOCATED ON CONCRETE ISLAND AT SW CORNER OF IL RTE. 132 AND US 41.
TBM "C"	686.49	STA. 16+97.83, 46.90' RT EB 132	SQUARE CUT ON N'LY SIDE OF TRAFFIC LIGHT POLE CONCRETE BASE LOCATED IN FRONT OF RESIDENCE 3875 IL RTE. 132, ± 50' SOUTH OF ROAD.
TBM "E"	688.38	STA. 10+13.89, 46.82' LT EB 132	FOUND "X" ON CONCRETE WALK
TBM "F"	684.67	STA. 7+17.00, 81.45' LT EB 132	SQUARE CUT ON SE CORNER OF CONCRETE BASE FOR TELEPHONE BOX AT NW CORNER OF IL RTE. 132 AND BLACKBURN ST.
TBM "G"	688.83	STA. 23+16.28, 334.87' RT EB 132	SQUARE CUT ON THE S'LY CONCRETE BASE OF IL RTE. 132 AT NE'LY US 41 EXIT RAMP, ± 300' SOUTH OF IL RTE. 132.
TBM "H"	690.08	STA. 24+01.97, 715.29' RT EB 132	SQUARE CUT ON E'LY SIDE OF CONCRETE BASE FOR LIGHT POLE AT THE N-SIDE OF US 41 AND IL RTE. 132 NW EXIT RAMP ± 800' S. OF IL RTE. 132.
TBM "I"	694.50	STA. 20+91.23, 494.73' LT EB 132	SQUARE CUT ON N'LY SIDE OF CONCRETE WALL AND CHAIN LINK FENCE AT NW EXIT RAMP OF IL RTE. 132 & US 41, ± 500' N. OF IL RTE. 132.
TBM "J"	695.37	STA. 20+30.06, 751.12' LT EB 132	SQUARE CUT ON CONCRETE BASE FOR LIGHT POLE AT THE NW EXIT RAMP OF US 41 AND IL RTE 132, ± 800' N. OF IL RTE 132.
TBM "K"	695.60	STA. 18+82.81, 1360.49' LT EB 132	SQUARE CUT ON E'LY SIDE OF LIGHT POLE AT THE NW CORNER OF US 41 & GRANDVILLE AVE, BETWEEN US 41 AND RR TRACKS.
TBM "L"	683.32	STA. 25+48.60, 1343.67' RT EB 132	SQUARE CUT ON TOP OF WINGWALL

**CURVE DATA RAMP D**

EXIST. CURVE MRMPD-1 PI STA. = 404+67.33 Δ = 3° 43' 31" (RT) D = 3° 43' 31" R = 1,538.00' T = 50.02' L = 100.00' E = 0.81' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 404+17.31 P.T. STA. = 405+17.31	EXIST. CURVE MRMPD-2 PI STA. = 406+43.04 Δ = 1° 58' 13" (LT) D = 1° 57' 32" R = 2,925.00' T = 50.29' L = 100.58' E = 0.43' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 405+92.74 P.T. STA. = 406+93.32
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**RAMP INTERSECTION ANGLES WITH EB IL 132**

(A)	75° 25' 40"
(B)	104° 34' 20"
(C)	104° 34' 20"
(D)	75° 25' 40"

**ALIGNMENT COORDINATE TABLE (US 41)**

CHAIN	DESCRIPTION	STATION	NORTHING	EASTING	
US 41-RAMP A	POT	110+58.85	2,078,987.2334	1,105,156.0587	
	POT	113+56.78	2,078,007.9081	1,102,287.9685	
US 41-RAMP B	POT	204+02.51	2,079,002.4360	1,102,243.5017	
	POT	214+28.55	2,078,003.5508	1,102,477.9934	
US 41-RAMP C	POT	300+00.00	2,078,007.7160	1,102,296.2311	
	POT	304+90.43	2,077,530.2629	1,102,408.3148	
US 41-RAMP D	POT	400+00.00	2,078,003.4055	1,102,484.4714	
	CURVE MRMPD-1	PC	404+17.31	2,077,597.1392	1,102,579.8438
	CURVE MRMPD-1	PI	404+67.33	2,077,548.4450	1,102,591.2748
	CURVE MRMPD-1	PT	405+17.31	2,077,499.1117	1,102,599.5179
	CURVE MRMPD-2	PC	405+92.74	2,077,499.1117	1,102,599.5179
	CURVE MRMPD-2	PI	406+43.04	2,077,375.1042	1,102,620.2381
	CURVE MRMPD-2	PT	406+93.32	2,077,325.8115	1,102,630.2274
	POT	412+45.31	2,076,784.8163	1,102,739.8615	

**CURVE DATA IL 132 WB**

PROP. CURVE 132WB-1 PI STA. = 13+91.62 Δ = 1° 31' 14" (LT) D = 0° 32' 44" R = 10,500.00' T = 139.34' L = 278.67' E = 0.92' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 12+52.28 P.T. STA. = 15+30.95	PROP. CURVE 132WB-2 PI STA. = 18+44.70 Δ = 2° 06' 38" (RT) D = 0° 34' 23" R = 10,000.00' T = 184.20' L = 368.37' E = 1.70' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 16+60.49 P.T. STA. = 20+28.86	PROP. CURVE 132WB-3 PI STA. = 24+67.55 Δ = 3° 04' 43" (RT) D = 0° 57' 18" R = 6,000.00' T = 161.23' L = 322.39' E = 2.17' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 23+06.31 P.T. STA. = 26+28.70	PROP. CURVE 132WB-4 PI STA. = 30+59.80 Δ = 2° 40' 50" (LT) D = 0° 49' 07" R = 7,000.00' T = 163.78' L = 327.49' E = 1.92' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 28+96.02 P.T. STA. = 32+23.51
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**CURVE DATA IL 132 EB**

EXIST. CURVE M132EB-1 PI STA. = 7+74.59 Δ = 19° 27' 39" (RT) D = 4° 05' 33" R = 1,400.00' T = 240.07' L = 475.52' E = 20.43' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 5+34.52 P.T. STA. = 10+10.04	EXIST. CURVE M132EB-2 PI STA. = 14+64.16 Δ = 1° 03' 52" (RT) D = 0° 31' 15" R = 11,000.00' T = 102.17' L = 204.33' E = 0.47' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 13+61.99 P.T. STA. = 15+66.33	EXIST. CURVE M132EB-3 PI STA. = 28+82.34 Δ = 1° 04' 32" (RT) D = 0° 34' 23" R = 10,000.00' T = 93.85' L = 187.70' E = 0.44' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 27+88.49 P.T. STA. = 29+76.19	EXIST. CURVE M132EB-4 PI STA. = 30+76.71 Δ = 1° 09' 06" (LT) D = 0° 34' 23" R = 10,000.00' T = 100.51' L = 201.02' E = 0.51' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 29+76.19 P.T. STA. = 31+77.21
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**ALIGNMENT COORDINATE TABLE (IL RTE. 132)**

CHAIN	DESCRIPTION	STATION	NORTHING	EASTING	
IL 132E	POT	4+25.12	2,077,895.6681	1,100,709.1129	
	CURVE M132-EB1	PC	5+34.52	2,077,931.5809	1,100,812.4496
		PI	7+74.59	2,078,010.3896	1,101,039.2166
		PT	10+10.04	2,078,009.1400	1,101,279.2843
	CURVE M132-EB2	PC	13+61.99	2,078,007.3226	1,101,631.2342
		PI	14+64.16	2,078,006.7933	1,101,733.4030
		PT	15+66.33	2,078,004.3663	1,101,835.5443
	CURVE M132-EB3	PC	27+88.49	2,077,975.3348	1,103,057.3596
		PI	28+82.34	2,077,973.1054	1,103,151.1862
		PT	29+76.19	2,077,969.1154	1,103,244.9544
IL 132W	CURVE M132-EB4	PC	29+76.19	2,077,969.1150	1,103,244.9632
		PI	30+76.71	2,077,964.8418	1,103,345.3854
		PT	31+77.21	2,077,962.5880	1,103,445.8733
	POT	36+16.59	2,077,952.7360	1,103,885.1416	
		POT	10+00.00	2,078,017.1693	1,101,660.8428
	CURVE M132-WB1	PC	12+52.28	2,078,017.8912	1,101,521.5010
		PI	13+91.62	2,078,017.1693	1,101,660.8428
		PT	15+30.95	2,078,020.1454	1,101,800.1547
	CURVE M132-WB2	PC	16+60.49	2,078,022.9122	1,101,929.6694
		PI	18+44.70	2,078,026.8464	1,102,113.8315
	PT	20+28.86	2,078,023.9955	1,102,298.0135	
CURVE M132-WB3	PC	23+06.31	2,078,019.7015	1,102,575.4330	
	PI	24+67.55	2,078,017.2062	1,102,736.6482	
	PT	26+28.70	2,078,006.0562	1,102,897.4967	
	PC	28+96.02	2,077,987.5701	1,103,164.1746	
	PI	30+59.80	2,077,976.2444	1,103,327.5582	
	PT	32+23.51	2,077,972.5721	1,103,491.2927	
POT	36+17.71	2,077,963.7332	1,103,885.3882		

FILE NAME = ...D1.IL132\_SHT.ATB.Ldgn  
**HOH** HARRY O. HOFFER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/466-8831

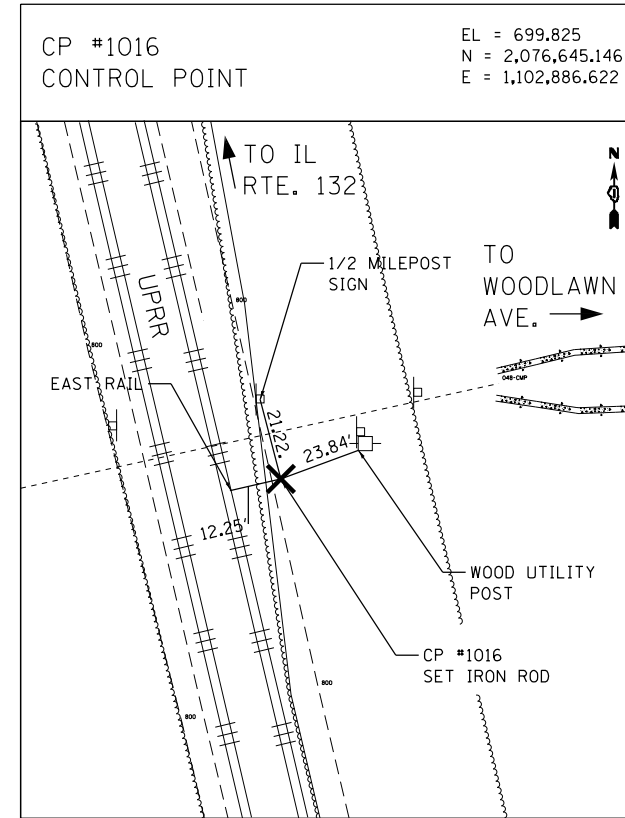
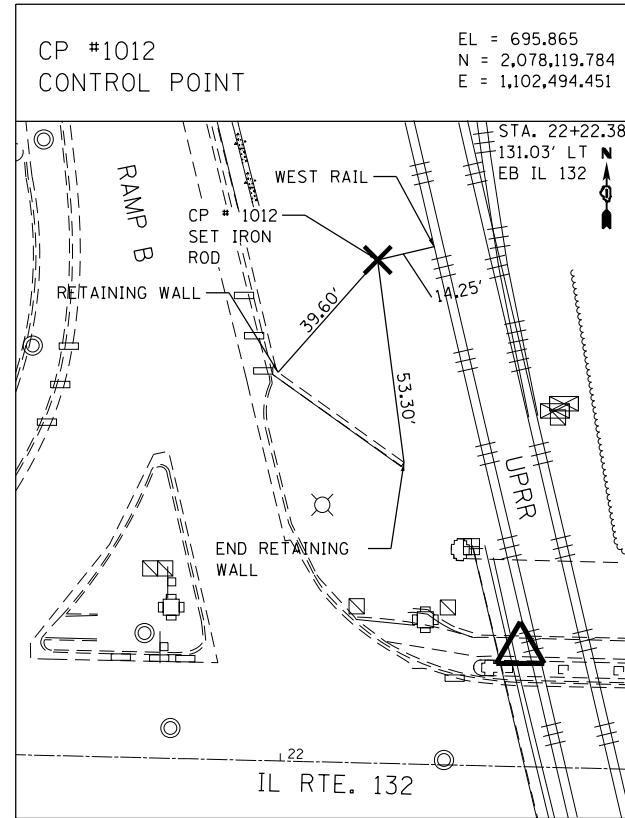
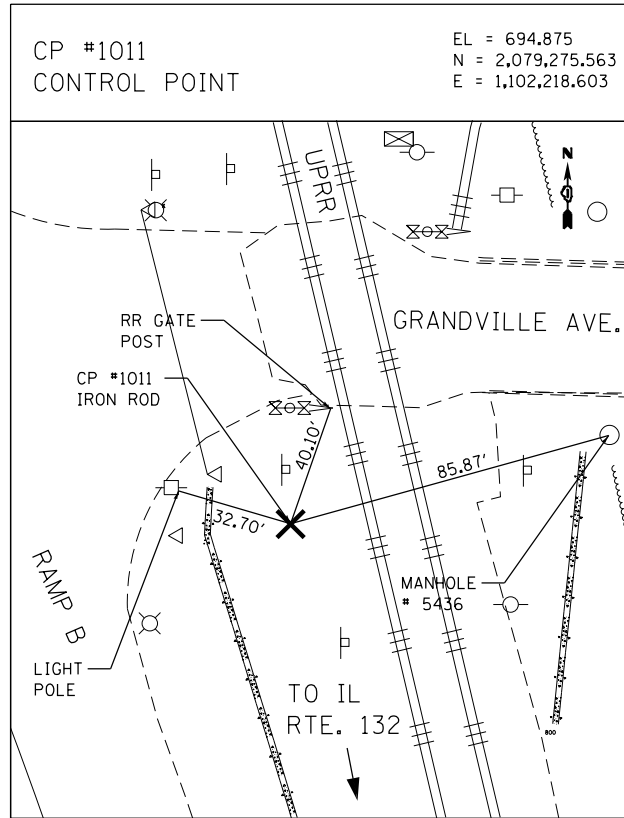
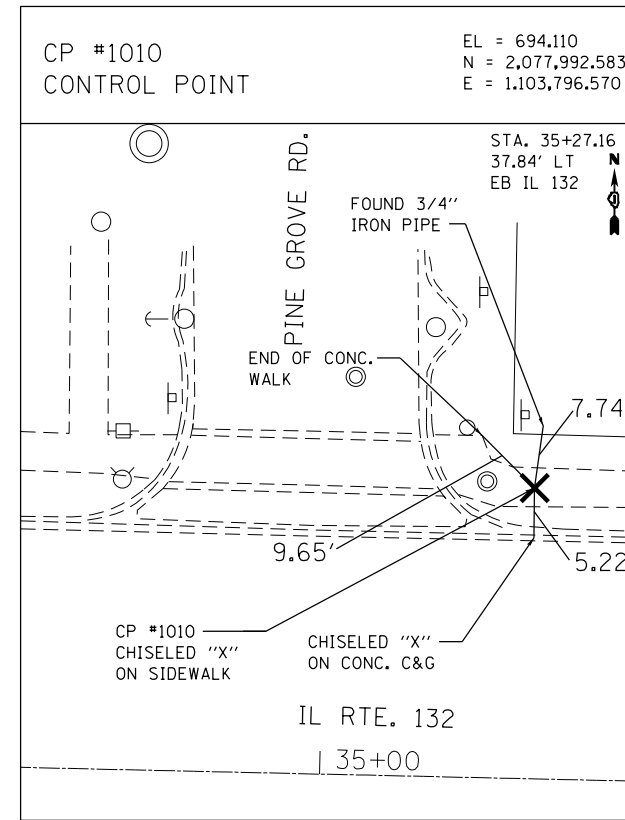
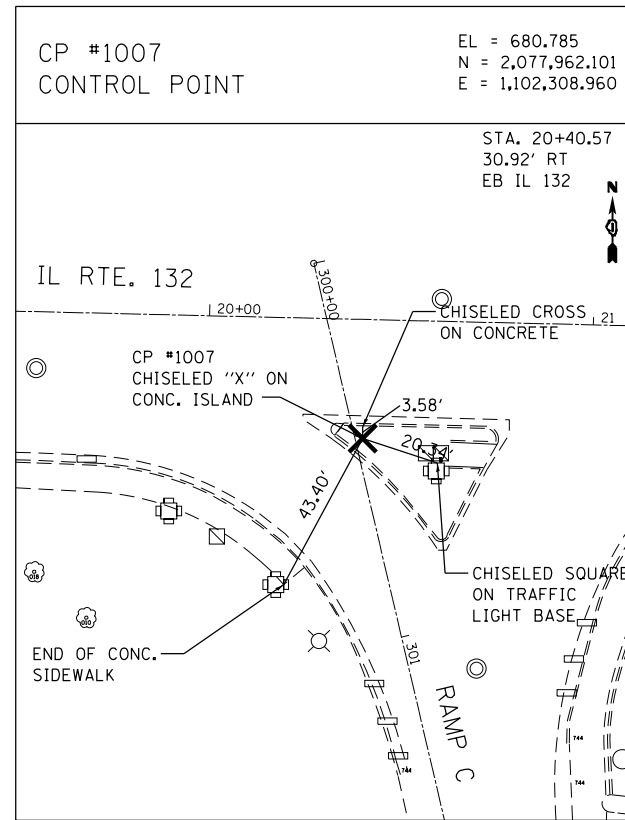
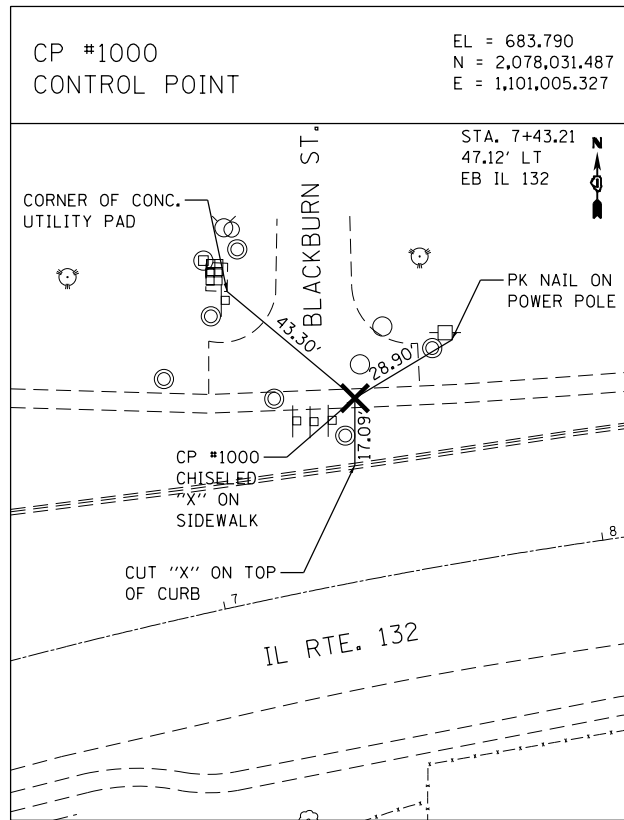
USER NAME = aafitzpatrick	DESIGNED -	REVISED -
PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/7/2016	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT AND BENCHMARKS**

SCALE: 1"=200' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	35
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				



FILE NAME = ...\\D1.IL132\_SHT.ATB.2.dgn  
**HOH** HARRY O. HEFTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/346-8131

USER NAME = aafitzpatrick  
 PLOT SCALE = 100.0000' / 1" =  
 PLOT DATE = 10/7/2016

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

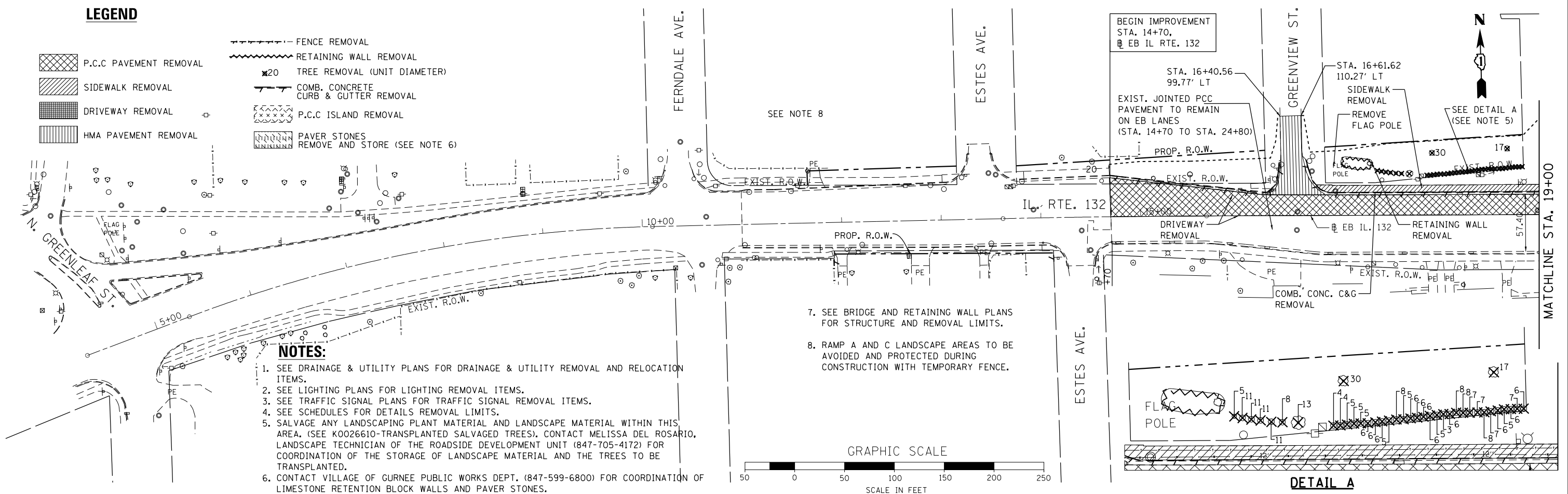
TIE DIAGRAMS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	36
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				

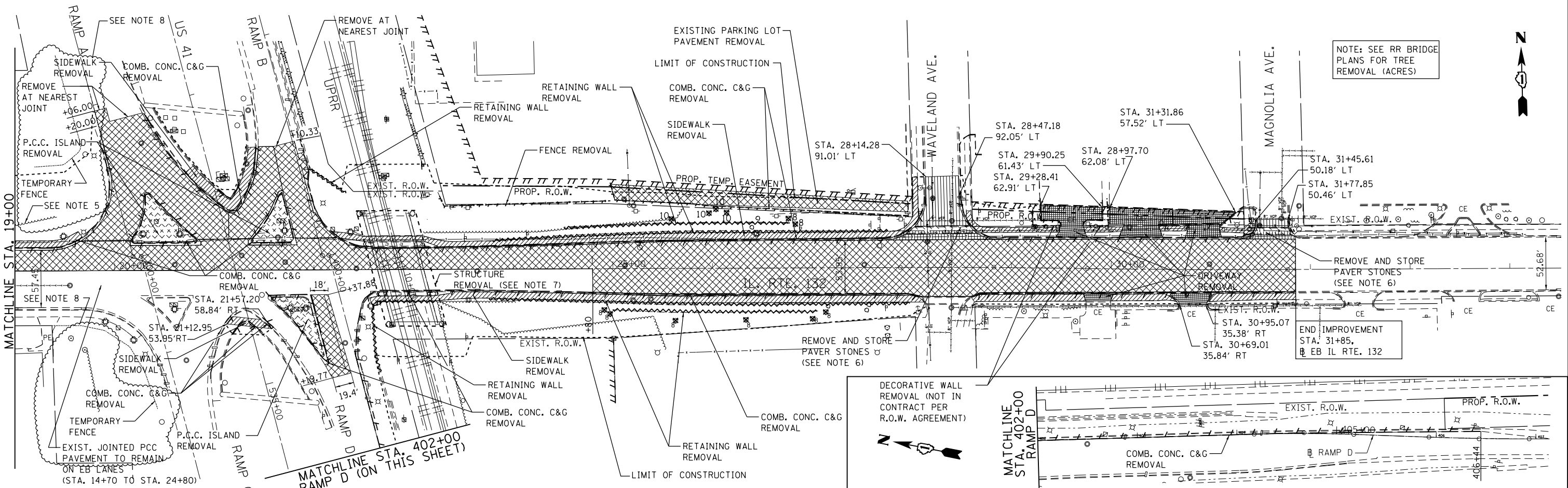
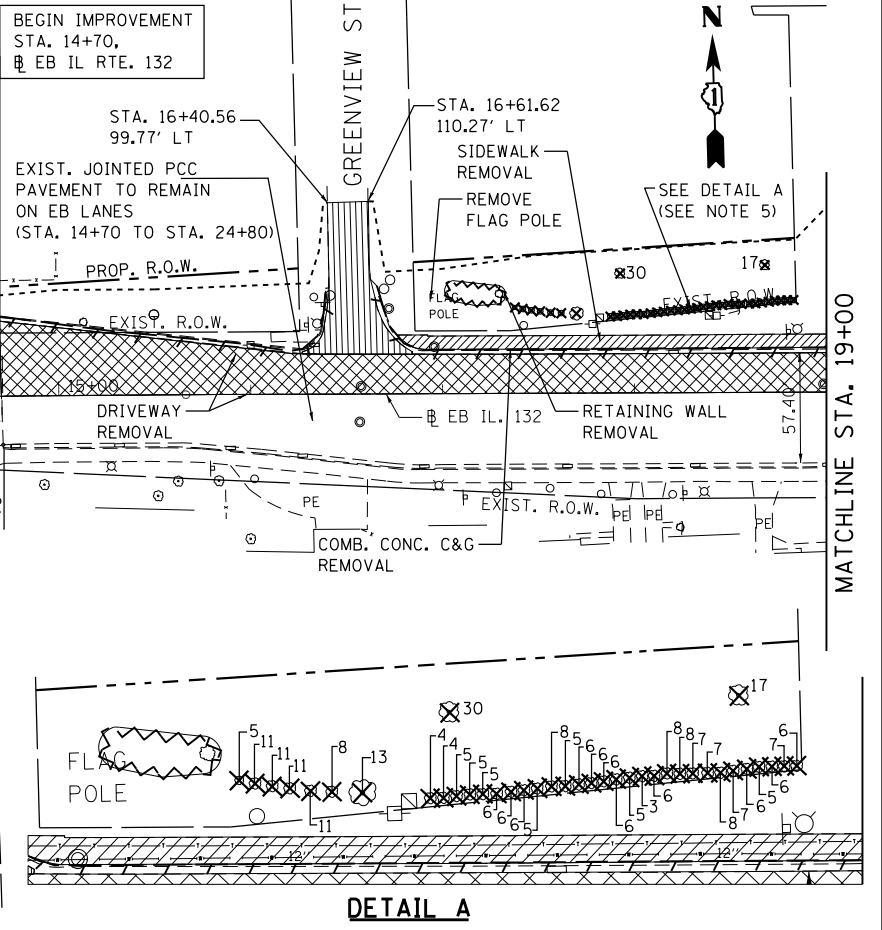
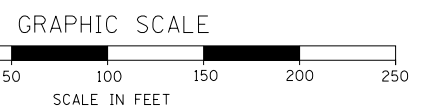
**LEGEND**

- P.C.C. PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- HMA PAVEMENT REMOVAL
- FENCE REMOVAL
- RETAINING WALL REMOVAL
- TREE REMOVAL (UNIT DIAMETER)
- COMB. CONCRETE CURB & GUTTER REMOVAL
- P.C.C. ISLAND REMOVAL
- PAVER STONES REMOVE AND STORE (SEE NOTE 6)



- NOTES:**
- SEE DRAINAGE & UTILITY PLANS FOR DRAINAGE & UTILITY REMOVAL AND RELOCATION ITEMS.
  - SEE LIGHTING PLANS FOR LIGHTING REMOVAL ITEMS.
  - SEE TRAFFIC SIGNAL PLANS FOR TRAFFIC SIGNAL REMOVAL ITEMS.
  - SEE SCHEDULES FOR DETAILS REMOVAL LIMITS.
  - SALVAGE ANY LANDSCAPING PLANT MATERIAL AND LANDSCAPE MATERIAL WITHIN THIS AREA. (SEE K0026610-TRANSPLANTED SALVAGED TREES). CONTACT MELISSA DEL ROSARIO, LANDSCAPE TECHNICIAN OF THE ROADSIDE DEVELOPMENT UNIT (847-705-4172) FOR COORDINATION OF THE STORAGE OF LANDSCAPE MATERIAL AND THE TREES TO BE TRANSPLANTED.
  - CONTACT VILLAGE OF GURNEE PUBLIC WORKS DEPT. (847-599-6800) FOR COORDINATION OF LIMESTONE RETENTION BLOCK WALLS AND PAVER STONES.

- SEE BRIDGE AND RETAINING WALL PLANS FOR STRUCTURE AND REMOVAL LIMITS.
- RAMP A AND C LANDSCAPE AREAS TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION WITH TEMPORARY FENCE.



NOTE: SEE RR BRIDGE PLANS FOR TREE REMOVAL (ACRES)

DECORATIVE WALL REMOVAL (NOT IN CONTRACT PER R.O.W. AGREEMENT)

FILE NAME : ...DI_IL132_REM.dgn	USER NAME : aafitzpatrick	DESIGNED - AAF	REVISED -
3366	PLOT SCALE = 100.0000' / in.	DRAWN - JAM	REVISED -
	PLOT DATE = 10/7/2016	CHECKED - BAP	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132 & RAMP D  
REMOVAL PLANS**

SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. 4+25 TO STA. 36+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	37
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				

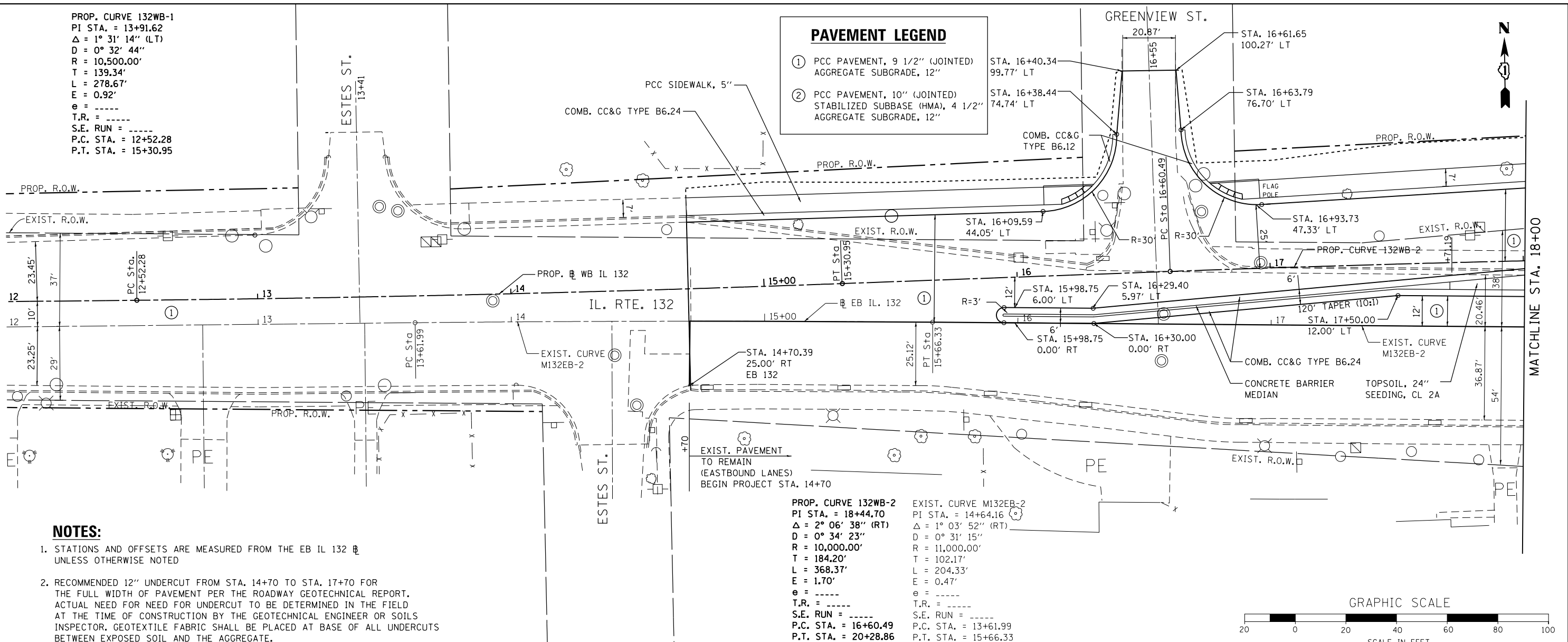
PROP. CURVE 132WB-1  
 PI STA. = 13+91.62  
 $\Delta = 1^\circ 31' 14''$  (LT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 139.34'$   
 $L = 278.67'$   
 $E = 0.92'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 12+52.28$   
 $P.T. \text{ STA.} = 15+30.95$

**PAVEMENT LEGEND**

- ① PCC PAVEMENT, 9 1/2" (JOINTED)  
AGGREGATE SUBGRADE, 12"
- ② PCC PAVEMENT, 10" (JOINTED)  
STABILIZED SUBBASE (HMA), 4 1/2"  
AGGREGATE SUBGRADE, 12"

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

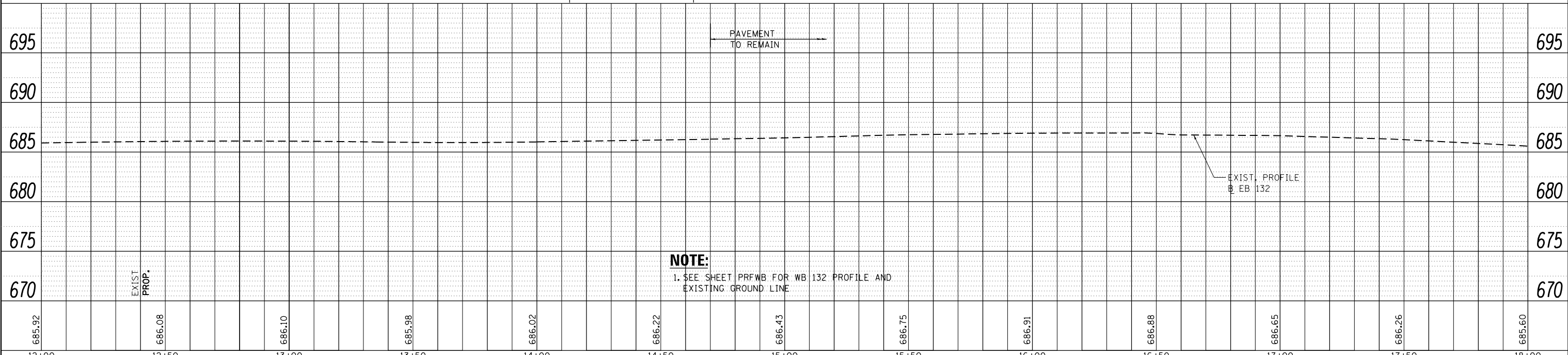
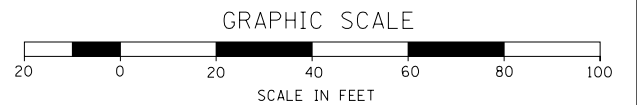


**NOTES:**

- STATIONS AND OFFSETS ARE MEASURED FROM THE EB IL 132  $\bar{B}$  UNLESS OTHERWISE NOTED
- RECOMMENDED 12" UNDERCUT FROM STA. 14+70 TO STA. 17+70 FOR THE FULL WIDTH OF PAVEMENT PER THE ROADWAY GEOTECHNICAL REPORT. ACTUAL NEED FOR UNDERCUT TO BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER OR SOILS INSPECTOR. GEOTEXTILE FABRIC SHALL BE PLACED AT BASE OF ALL UNDERCUTS BETWEEN EXPOSED SOIL AND THE AGGREGATE.

PROP. CURVE 132WB-2  
 PI STA. = 18+44.70  
 $\Delta = 2^\circ 06' 38''$  (RT)  
 $D = 0^\circ 34' 23''$   
 $R = 10,000.00'$   
 $T = 184.20'$   
 $L = 368.37'$   
 $E = 1.70'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 16+60.49$   
 $P.T. \text{ STA.} = 20+28.86$

EXIST. CURVE M132EB-2  
 PI STA. = 14+64.16  
 $\Delta = 1^\circ 03' 52''$  (RT)  
 $D = 0^\circ 31' 15''$   
 $R = 11,000.00'$   
 $T = 102.17'$   
 $L = 204.33'$   
 $E = 0.47'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 13+61.99$   
 $P.T. \text{ STA.} = 15+66.33$



**NOTE:**  
 1. SEE SHEET PRFWB FOR WB 132 PROFILE AND EXISTING GROUND LINE

FILE NAME: ... \D1_IL132_SHT_PLNPRF3.dgn	USER NAME: aafitzpatrick	DESIGNED: - AAF	REVISED: -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132</b> <b>PLAN AND PROFILE</b>	F.A.P. RTE. 346	SECTION 125X-N&J-5B-B	COUNTY LAKE	TOTAL SHEETS 361	SHEET NO. 38
3366	PLOT SCALE: 48.0000' / in.	CHECKED: - BAP	REVISED: -			SCALE: 1"=20' (H) 1"=5' (V)	SHEET NO. 1 OF 7 SHEETS	STA. 14+70.39 TO STA. 18+00	CONTRACT NO. 60K80	
	PLOT DATE: 10/7/2016	DATE: -	REVISED: -			ILLINOIS FED. AID PROJECT				
HARRY O'HEFFER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 35 East Jackson Blvd., Suite 600 Chicago, Illinois 60604 312/346-8383										

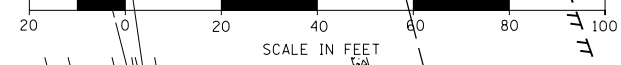


**PAVEMENT LEGEND**

- ① PCC PAVEMENT, 9 1/2" (JOINTED) AGGREGATE SUBGRADE, 12"
- ② PCC PAVEMENT, 10" (JOINTED) STABILIZED SUBBASE (HMA), 4 1/2" AGGREGATE SUBGRADE, 12"

PROP. CURVE 132WB-2  
 PI STA. = 18+44.70  
 $\Delta = 2^\circ 06' 38''$  (RT)  
 $D = 0^\circ 34' 23''$   
 $R = 10,000.00'$   
 $T = 184.20'$   
 $L = 368.37'$   
 $E = 1.70'$   
 $e = \dots$   
 $T.R. = \dots$   
 $S.E. RUN = \dots$   
 $P.C. STA. = 16+60.49$   
 $P.T. STA. = 20+28.86$

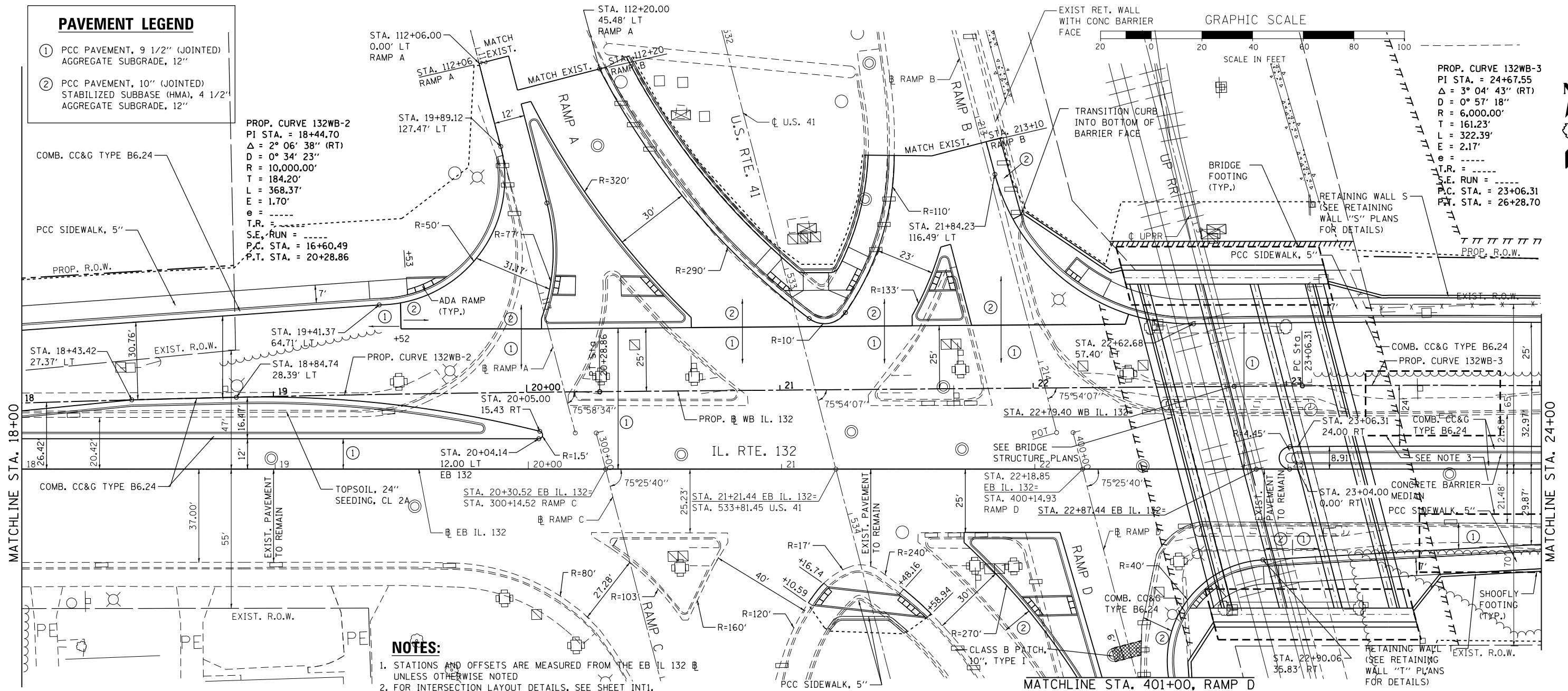
**GRAPHIC SCALE**



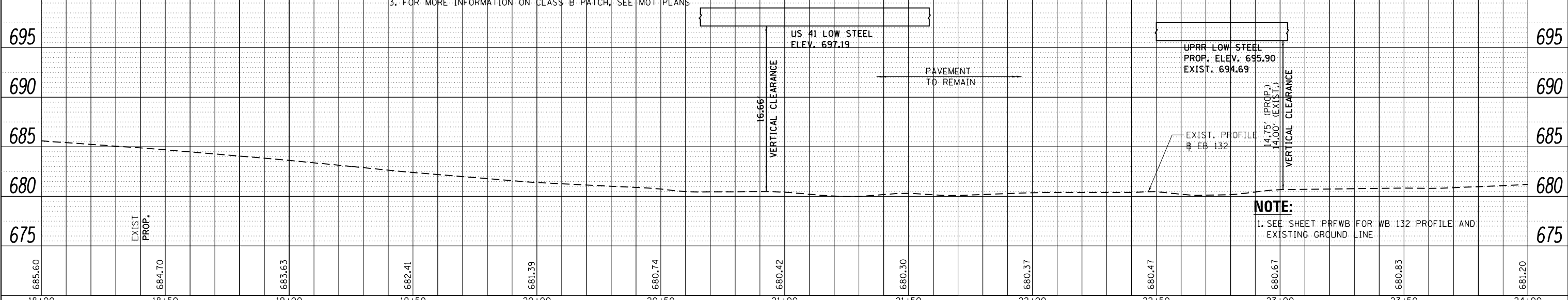
PROP. CURVE 132WB-3  
 PI STA. = 24+67.55  
 $\Delta = 3^\circ 04' 43''$  (RT)  
 $D = 0^\circ 57' 18''$   
 $R = 6,000.00'$   
 $T = 161.23'$   
 $L = 322.39'$   
 $E = 2.17'$   
 $e = \dots$   
 $T.R. = \dots$   
 $S.E. RUN = \dots$   
 $P.C. STA. = 23+06.31$   
 $P.T. STA. = 26+28.70$

DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	



- NOTES:**
- STATIONS AND OFFSETS ARE MEASURED FROM THE EB IL 132 UNLESS OTHERWISE NOTED
  - FOR INTERSECTION LAYOUT DETAILS, SEE SHEET INT1.
  - FOR MORE INFORMATION ON CLASS B PATCH, SEE MOT PLANS

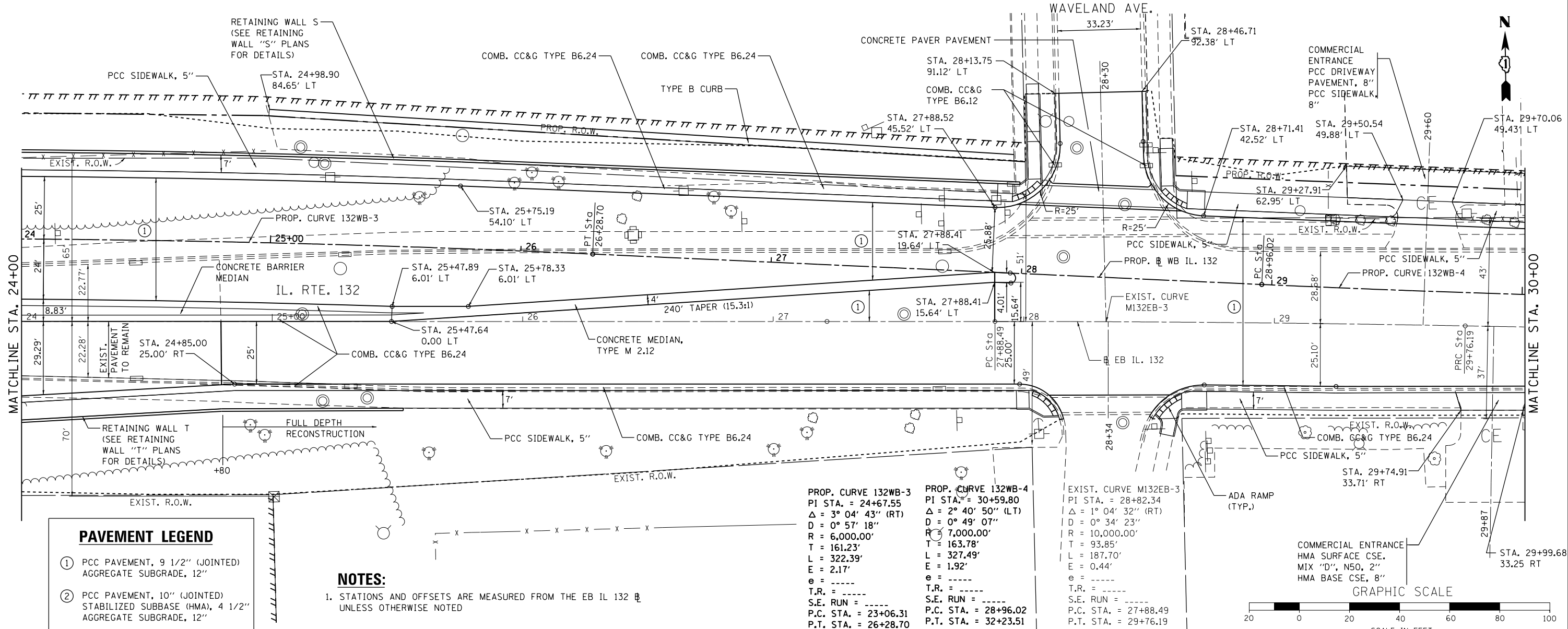


**NOTE:**  
 1. SEE SHEET PRFWB FOR WB 132 PROFILE AND EXISTING GROUND LINE.

FILE NAME = ... \D1_IL132_SHT_PLNPRF4.dgn	USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 PLAN AND PROFILE</b>	F.A.P. RTE. = 346	SECTION = 125X-N&J-5B-B	COUNTY = LAKE	TOTAL SHEETS = 361	SHEET NO. = 39		
3366	PLOT SCALE = 48.0000' / in.	CHECKED - BAP	REVISED -			SCALE: 1"=20' (H) 1"=5' (V)	SHEET NO. 2 OF 7 SHEETS	STA. 18+00 TO STA. 24+00	CONTRACT NO. 60K80			
	PLOT DATE = 10/7/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						
PP04												

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

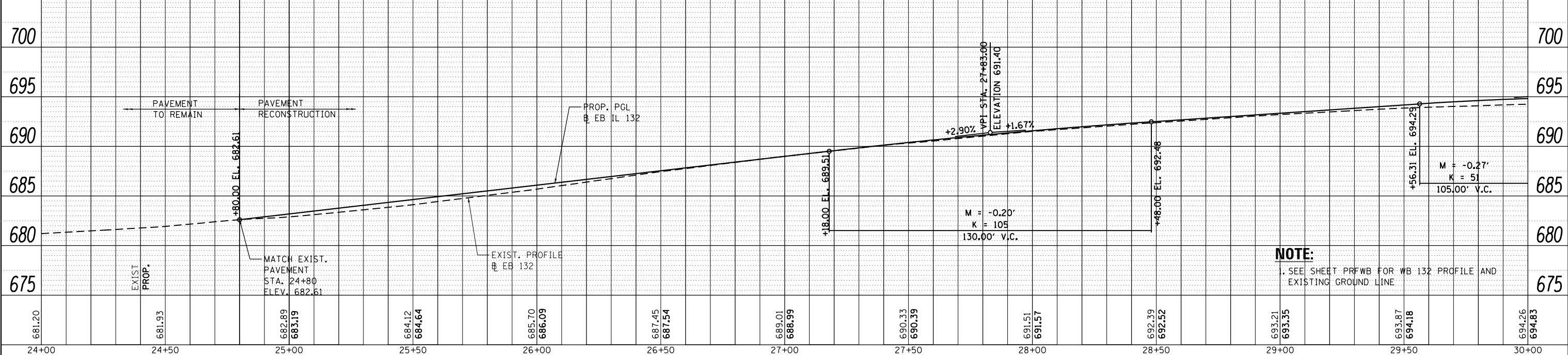
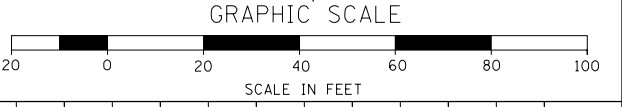


**PAVEMENT LEGEND**

- ① PCC PAVEMENT, 9 1/2" (JOINTED) AGGREGATE SUBGRADE, 12"
- ② PCC PAVEMENT, 10" (JOINTED) STABILIZED SUBBASE (HMA), 4 1/2" AGGREGATE SUBGRADE, 12"

**NOTES:**  
 1. STATIONS AND OFFSETS ARE MEASURED FROM THE EB IL 132 UNLESS OTHERWISE NOTED

<b>PROP. CURVE 132WB-3</b> PI STA. = 24+67.55 $\Delta = 3^\circ 04' 43''$ (RT) $D = 0^\circ 57' 18''$ $R = 6,000.00'$ $T = 161.23'$ $L = 322.39'$ $E = 2.17'$ $e = \text{---}$ $T.R. = \text{---}$ $S.E. RUN = \text{---}$ $P.C. STA. = 23+06.31$ $P.T. STA. = 26+28.70$	<b>PROP. CURVE 132WB-4</b> PI STA. = 30+59.80 $\Delta = 2^\circ 40' 50''$ (LT) $D = 0^\circ 49' 07''$ $R = 7,000.00'$ $T = 163.78'$ $L = 327.49'$ $E = 1.92'$ $e = \text{---}$ $T.R. = \text{---}$ $S.E. RUN = \text{---}$ $P.C. STA. = 28+96.02$ $P.T. STA. = 32+23.51$	<b>EXIST. CURVE M132EB-3</b> PI STA. = 28+82.34 $\Delta = 1^\circ 04' 32''$ (RT) $D = 0^\circ 34' 23''$ $R = 10,000.00'$ $T = 93.85'$ $L = 187.70'$ $E = 0.44'$ $e = \text{---}$ $T.R. = \text{---}$ $S.E. RUN = \text{---}$ $P.C. STA. = 27+88.49$ $P.T. STA. = 29+76.19$
--	--	--

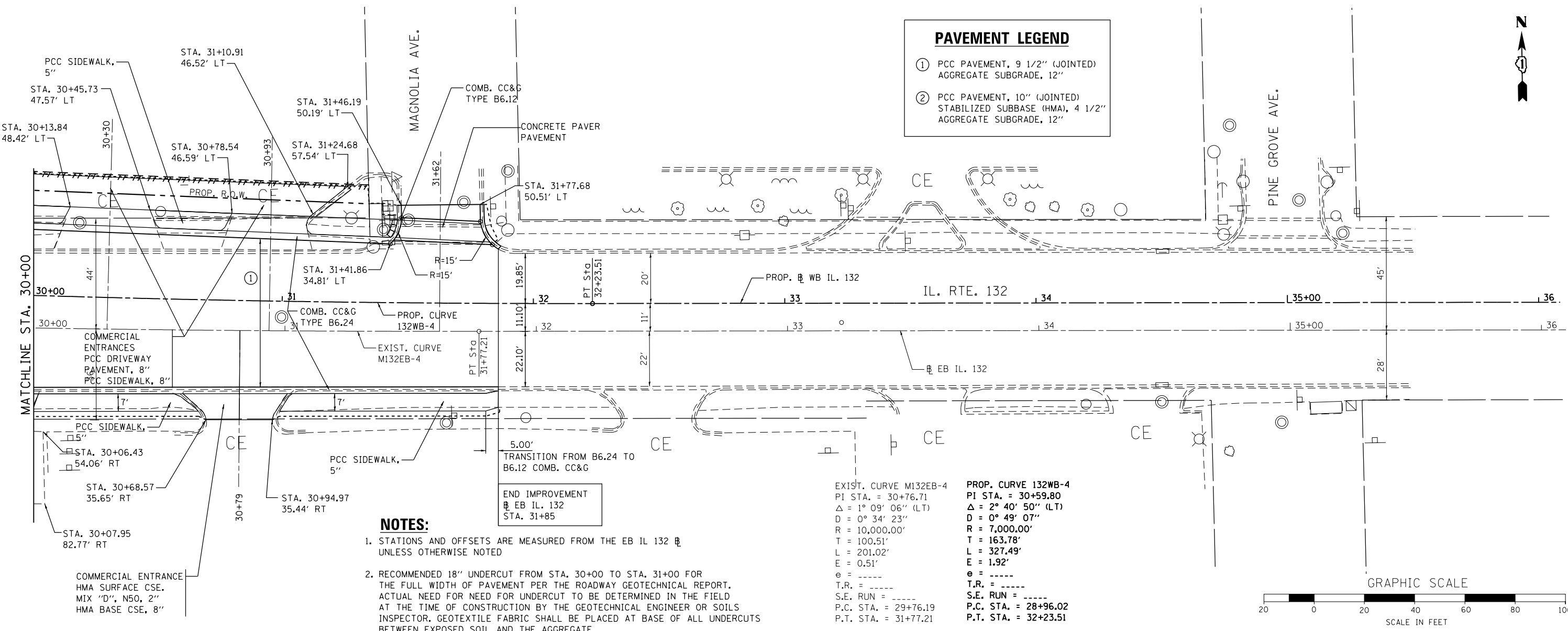


**NOTE:**  
 1. SEE SHEET PRF5B FOR WB 132 PROFILE AND EXISTING GROUND LINE

FILE NAME: ... \D1_IL132_SHT_PLNPRF5.dgn	USER NAME: aafitzpatrick	DESIGNED: - AAF	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 PLAN AND PROFILE</b>	F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:	
3366	PLOT SCALE: = 48.0000' / in.	DRAWN: - AAF	REVISED: -			346	125X-N&J-5B-B	LAKE	361	40	
	PLOT DATE: 10/7/2016	CHECKED: - BAP	REVISED: -			CONTRACT NO. 60K80					
		DATE: -	REVISED: -			ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

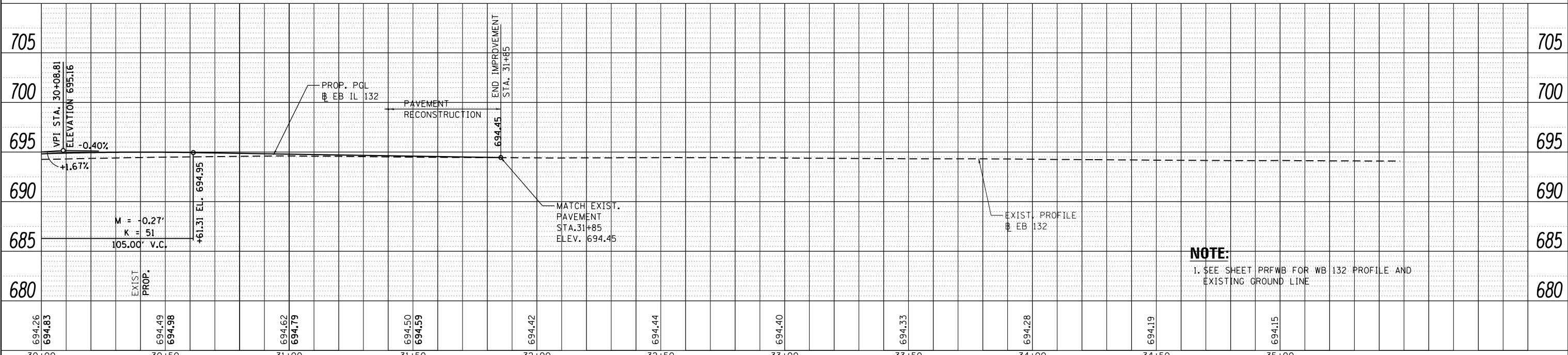
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



PAVEMENT LEGEND	
①	PCC PAVEMENT, 9 1/2" (JOINTED) AGGREGATE SUBGRADE, 12"
②	PCC PAVEMENT, 10" (JOINTED) STABILIZED SUBBASE (HMA), 4 1/2" AGGREGATE SUBGRADE, 12"

- NOTES:**
- STATIONS AND OFFSETS ARE MEASURED FROM THE EB IL 132 UNLESS OTHERWISE NOTED
  - RECOMMENDED 18" UNDERCUT FROM STA. 30+00 TO STA. 31+00 FOR THE FULL WIDTH OF PAVEMENT PER THE ROADWAY GEOTECHNICAL REPORT. ACTUAL NEED FOR UNDERCUT TO BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER OR SOILS INSPECTOR. GEOTEXTILE FABRIC SHALL BE PLACED AT BASE OF ALL UNDERCUTS BETWEEN EXPOSED SOIL AND THE AGGREGATE

EXIST. CURVE M132EB-4 PI STA. = 30+76.71 Δ = 1° 09' 06" (LT) D = 0° 34' 23" R = 10,000.00' T = 100.51' L = 201.02' E = 0.51' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 29+76.19 P.T. STA. = 31+77.21	PROP. CURVE 132WB-4 PI STA. = 30+59.80 Δ = 2° 40' 50" (LT) D = 0° 49' 07" R = 7,000.00' T = 163.78' L = 327.49' E = 1.92' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 28+96.02 P.T. STA. = 32+23.51
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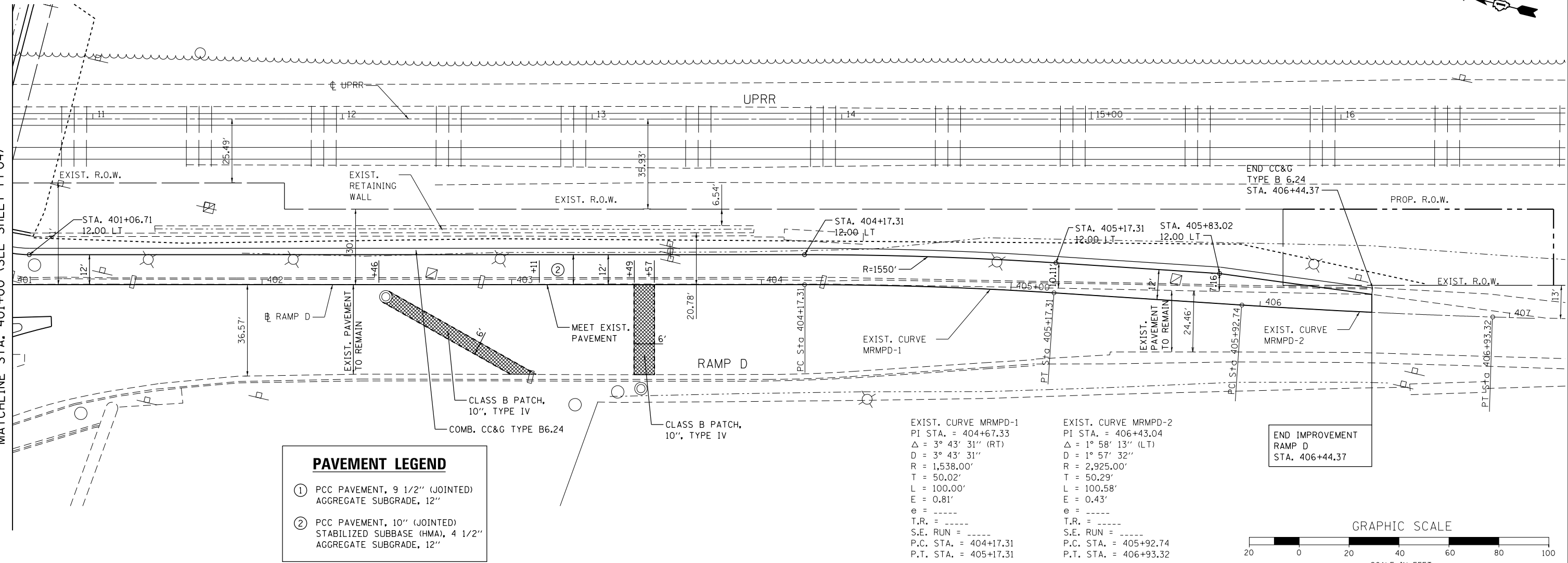
**NOTE:**  
1. SEE SHEET PRFWB FOR WB 132 PROFILE AND EXISTING GROUND LINE

FILE NAME = ... \D1_IL132_SHT_PLNPRF6.dgn	USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 PLAN AND PROFILE</b>	F.A.P. RTE. 346	SECTION 125X-N&J-5B-B	COUNTY LAKE	TOTAL SHEETS 361	SHEET NO. 41	
3366	PLOT SCALE = 48.0000' / in.	CHECKED - BAP	REVISED -			SCALE: 1"=20' (H) 1"=5' (V)	SHEET NO. 4 OF 7 SHEETS	STA. 30+00 TO STA. 31+85	CONTRACT NO. 60K80		ILLINOIS FED. AID PROJECT
	PLOT DATE = 10/7/2016	DATE -	REVISED -								

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NO.	
	STRUCTURE	
	NOTATIS CHFD	

MATCHLINE STA. 401+00 (SEE SHEET PP04)

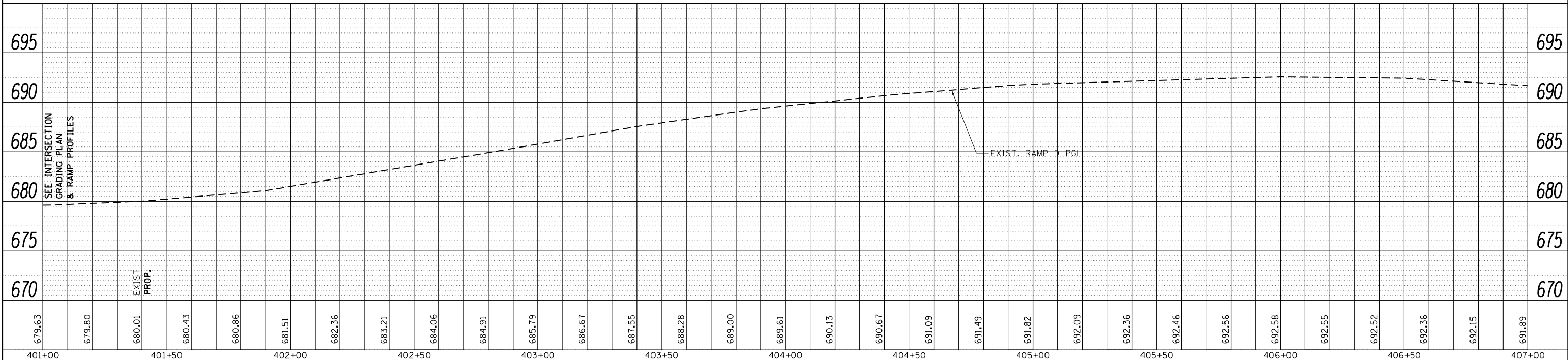
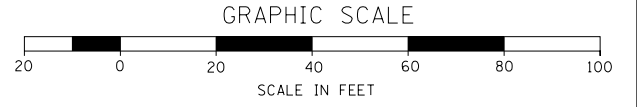


**PAVEMENT LEGEND**

- ① PCC PAVEMENT, 9 1/2" (JOINTED) AGGREGATE SUBGRADE, 12"
- ② PCC PAVEMENT, 10" (JOINTED) STABILIZED SUBBASE (HMA), 4 1/2" AGGREGATE SUBGRADE, 12"

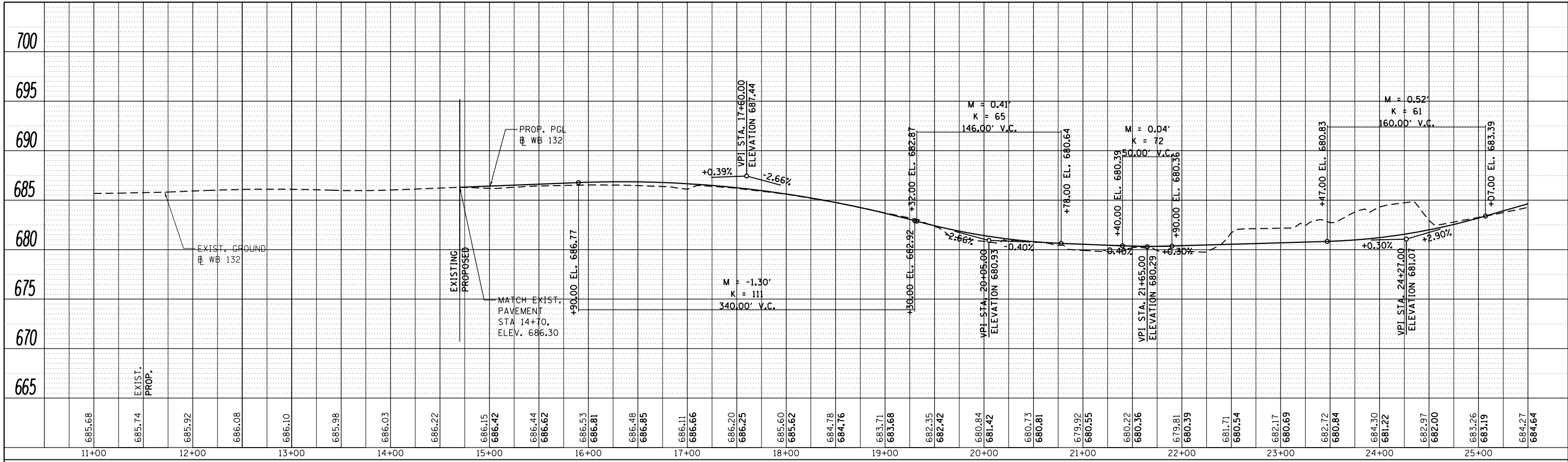
<p>EXIST. CURVE MRMPD-1          PI STA. = 404+67.33  <math>\Delta = 3^\circ 43' 31''</math> (RT)  <math>D = 3^\circ 43' 31''</math>  <math>R = 1,538.00'</math>  <math>T = 50.02'</math>  <math>L = 100.00'</math>  <math>E = 0.81'</math>  <math>e = \text{---}</math>  <math>T.R. = \text{---}</math>  <math>S.E. RUN = \text{---}</math>  <math>P.C. STA. = 404+17.31</math>  <math>P.T. STA. = 405+17.31</math></p>	<p>EXIST. CURVE MRMPD-2          PI STA. = 406+43.04  <math>\Delta = 1^\circ 58' 13''</math> (LT)  <math>D = 1^\circ 57' 32''</math>  <math>R = 2,925.00'</math>  <math>T = 50.29'</math>  <math>L = 100.58'</math>  <math>E = 0.43'</math>  <math>e = \text{---}</math>  <math>T.R. = \text{---}</math>  <math>S.E. RUN = \text{---}</math>  <math>P.C. STA. = 405+92.74</math>  <math>P.T. STA. = 406+93.32</math></p>
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END IMPROVEMENT  
RAMP D  
STA. 406+44.37

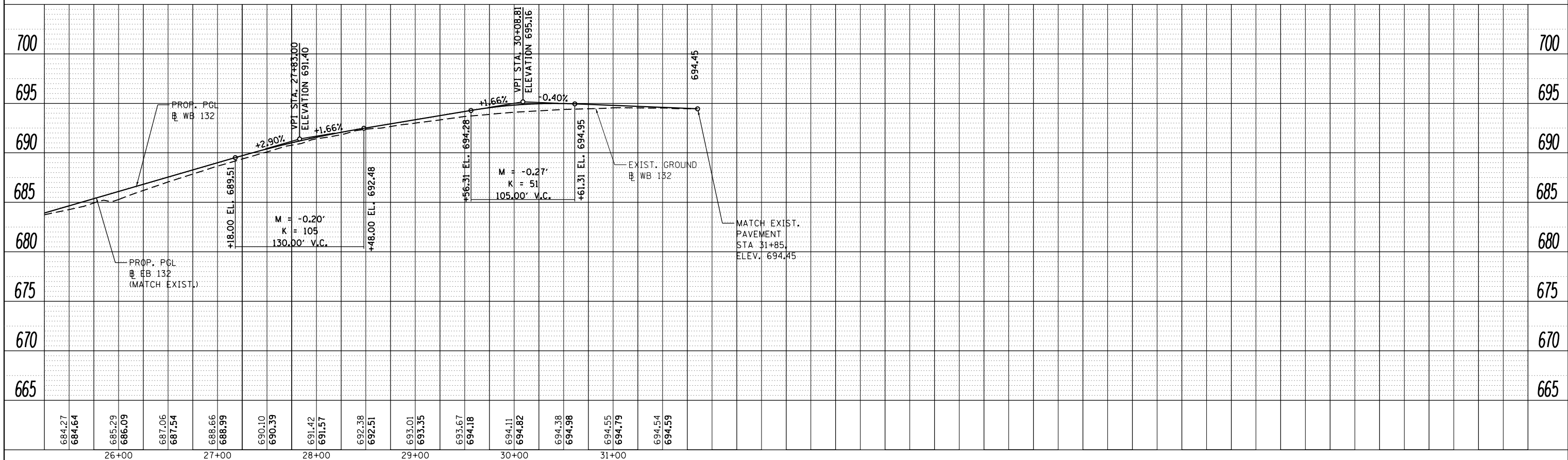


FILE NAME = ...D1_IL132_SHT_PLNPRF7.dgn	USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US ROUTE 41 - RAMP D PLAN AND PROFILE</b>	F.A.P. R.E. = 346	SECTION = 125X-N&J-5B-B	COUNTY = LAKE	TOTAL SHEETS = 361	SHEET NO. = 42	
3366	PLOT SCALE = 48.0000' / in.	DRAWN - JAM	REVISED -			SCALE: 1"=20' (H) / 1"=5' (V)	SHEET NO. 5 OF 7 SHEETS	STA. 401+25 TO STA. 407+17.67	CONTRACT NO. 60K80		
	PLOT DATE = 10/7/2016	CHECKED - BAP	REVISED -			ILLINOIS FED. AID PROJECT					
		DATE -	REVISED -								

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		
	NO.		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS CHECKED		
	NO.		



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 DESIGNED - AAF  
 DRAWN - AAF  
 CHECKED - BAP  
 DATE - 10/7/2016

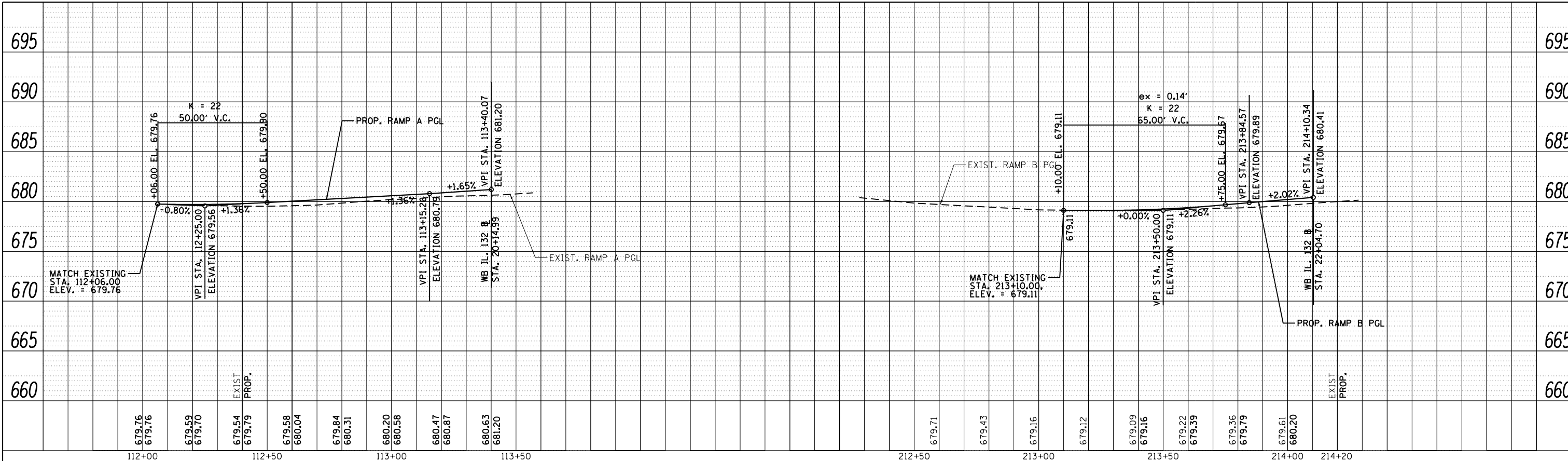
DESIGNED	-	AAF	REVISED	-
DRAWN	-	AAF	REVISED	-
CHECKED	-	BAP	REVISED	-
DATE	-		REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

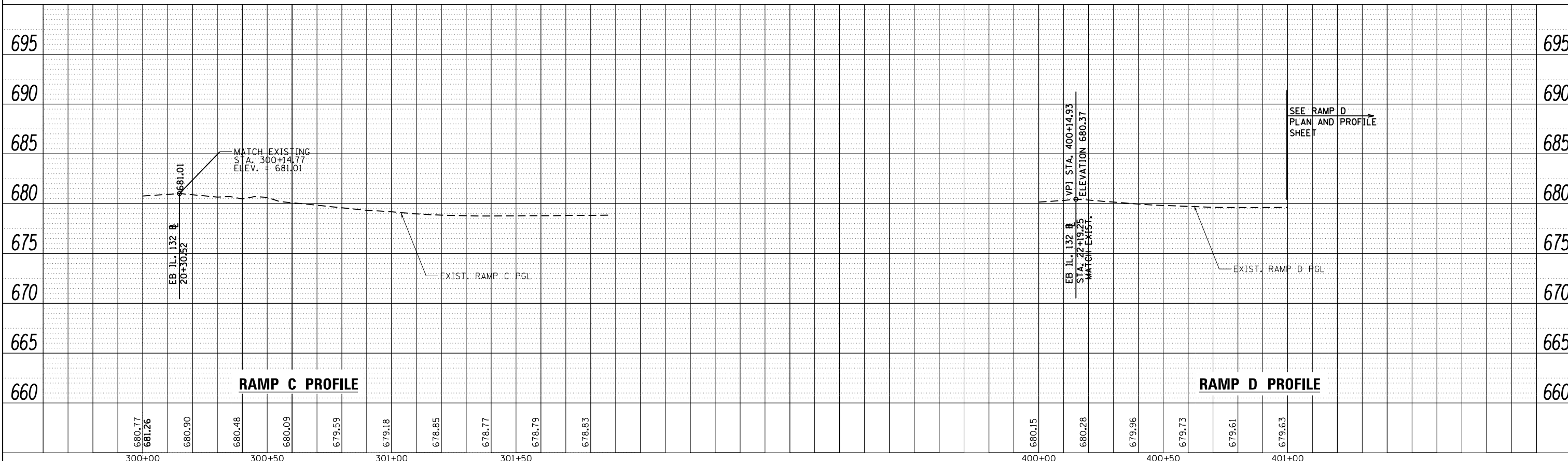
**IL ROUTE 132  
WESTBOUND BASELINE PROFILE**  
 SCALE: 1"=50' (H)  
 1"=35' (V)  
 SHEET NO. 6 OF 7 SHEETS  
 STA. 14+70 TO STA. 31+85

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	43
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



FILE NAME	... \D1_IL132_SHT_PRRAMP.dgn	DESIGNED	- AAF	REVISED	-
USER NAME	aafitzpatrick	DRAWN	- AAF	REVISED	-
PLOT SCALE	48.0000' / in.	CHECKED	- BAP	REVISED	-
PLOT DATE	10/7/2016	DATE	-	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 RAMP PROFILES**

SCALE: 1"=20' (H) 1"=50' (V) SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	44
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				

**CONSTRUCTION STAGING NOTES**

STAGE 1A - CONSTRUCT SHOOFLY FOOTING-SOUTH SIDE

- TRAFFIC CONTROL AND PROTECTION
1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNS.
  2. REDUCE EASTBOUND IL 132 TRAFFIC TO ONE LANE.

- CONSTRUCTION
1. REMOVE PCC PAVEMENT, SIDEWALK AND CURB AND GUTTER ON THE SOUTH SIDE OF IL 132 AND INSTALL TEMPORARY SHEET PILING.
  2. CONSTRUCT SHOOFLY BRIDGE SOUTH FOOTING.
  3. REMOVE TEMPORARY SHEET PILING AND RESTORE PAVEMENT, SIDEWALK AND CURB AND GUTTER TO ORIGINAL CONFIGURATION.

STAGE 1B - CONSTRUCT SHOOFLY FOOTING-NORTH SIDE

- TRAFFIC CONTROL AND PROTECTION
1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNS.
  2. SHIFT TRAFFIC LANES TO THE SOUTH AND REDUCE EASTBOUND AND WESTBOUND IL 132 TRAFFIC TO ONE LANE IN EACH DIRECTION.

- CONSTRUCTION
1. REMOVE PCC PAVEMENT, SIDEWALK AND CURB AND GUTTER ON THE NORTH SIDE OF IL 132 AND INSTALL TEMPORARY SHEET PILING.
  2. CONSTRUCT SHOOFLY BRIDGE NORTH FOOTING.
  3. REMOVE TEMPORARY SHEET PILING AND RESTORE PAVEMENT, SIDEWALK AND CURB AND GUTTER TO ORIGINAL CONFIGURATION.
  4. RESTORE PAVEMENT MARKINGS ON IL 132 TO ORIGINAL CONFIGURATION WITH POLYUREA PAVEMENT MARKINGS.

STAGE 1C - CONSTRUCT SHOOFLY BRIDGE AND TRACKS

- TRAFFIC CONTROL AND PROTECTION
1. WEEKEND DETOUR OF IL 132 FOR SETTING OF BEAMS AND RELATED SUPERSTRUCTURE WORK OVER IL 132 (SEE SHEET MOT15).
  2. WEEKEND DETOUR OF IL 132 FOR DEMOLITION OF UPRR BRIDGE (SEE SHEET MOT15).

- CONSTRUCTION
1. CONSTRUCT SHOOFLY BRIDGE, EMBANKMENT AND TRACKS, SHIFT RAIL TRAFFIC TO SHOOFLY TRACKS.
  2. DEMOLISH EXISTING UPRR BRIDGE OVER IL 132.

STAGE 1D - CONSTRUCT UPRR BRIDGE / SHOOFLY REMOVAL, AND CONSTRUCT RETAINING WALL "S" AND "T"

- TRAFFIC CONTROL AND PROTECTION
1. WEEKEND DETOUR OF IL 132, RAMP D, AND RAMP B TO SET BEAMS OF UPRR BRIDGE OVER IL 132 (SEE SHEET MOT 16).
  2. WEEKEND DETOUR IL 132 FOR DEMOLITION OF SHOOFLY BRIDGE (SEE SHEET MOT15)

- CONSTRUCTION
1. CONSTRUCT PROPOSED UPRR BRIDGE AND TRACKS OVER IL 132, SHIFT RAIL FROM SHOOFLY TRACKS TO PERMANENT UPRR TRACKS.
  2. DEMOLISH SHOOFLY BRIDGE, TRACKS, AND RESTORE TRACK GRADING ALONG SHOOFLY TRACKS TO ORIGINAL CONFIGURATION.
  3. CONSTRUCT RETAINING WALLS "S" AND "T" ALONG IL 132.

STAGE 2A - CONSTRUCT RAMP D

- TRAFFIC CONTROL AND PROTECTION
1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES ON RAMP D AND EB IL 132.

- CONSTRUCTION
1. CONSTRUCT RAMP D RIGHT TURN LANE AND IL 132 WIDENING AT THE SOUTHEAST CORNER OF THE INTERSECTION.
  2. CONSTRUCT RAMP D AND IL 132 STORM SEWER FACILITIES IN THE WORK ZONE.
  3. CONSTRUCT TEMPORARY PAVEMENT IN THE EXISTING RAMP A ISLAND FOR STAGE 2B TRAFFIC MOVEMENTS.
  4. INSTALL TEMPORARY TRAFFIC SIGNALS AT THE US 41/IL 132 INTERCHANGE.

STAGE 2B - CONSTRUCT RAMP B

- TRAFFIC CONTROL AND PROTECTION
1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNS.
  2. INSTALL RAMP B DETOUR SIGNING AND CLOSE RAMP B (SEE SHEET MOT 17).
  3. SHIFT TRAFFIC LANES TO THE SOUTH AND REDUCE EASTBOUND AND WESTBOUND IL 132 TRAFFIC TO ONE LANE IN EACH DIRECTION.
  4. SHIFT RAMP D RIGHT TURN TRAFFIC TO NEW PAVEMENT CONSTRUCTED IN STAGE 2A.
  5. SHIFT RAMP A LEFT TURN TRAFFIC ONTO TEMPORARY PAVEMENT IN THE EXISTING ISLAND AREA.

- CONSTRUCTION
1. CONSTRUCT RAMP D ISLAND, SIDEWALK AND TRAFFIC SIGNALS IN THE US 41 MEDIAN AREA ON THE SOUTH SIDE OF IL 132 PRIOR TO CLOSING RAMP B USING IDOT STANDARD 701701.
  2. CONSTRUCT RAMP B PAVEMENT, ISLAND AND WESTBOUND IL 132 PAVEMENT IN THE RAMP B VICINITY.
  3. CONSTRUCT RAMP B STORM SEWER FACILITIES WITHIN THE WORK ZONE.
  4. CONSTRUCT PERMANENT TRAFFIC SIGNALS IN THE RAMP B AREA.

STAGE 2C - CONSTRUCT RAMP A

- TRAFFIC CONTROL AND PROTECTION
1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNS.
  2. INSTALL RAMP A DETOUR SIGNING AND CLOSE RAMP A (SEE SHEET MOT 18).
  3. OPEN NEWLY CONSTRUCTED RAMP B TO TRAFFIC
  4. KEEP SHIFTED TRAFFIC LANES TO THE SOUTH WITH EASTBOUND AND WESTBOUND IL 132 TRAFFIC REDUCED ONE LANE IN EACH DIRECTION.

- CONSTRUCTION
1. CONSTRUCT RAMP A PAVEMENT, ISLAND AND WESTBOUND IL 132 PAVEMENT IN THE RAMP B VICINITY.
  2. CONSTRUCT RAMP A STORM SEWER FACILITIES WITHIN THE WORK ZONE.
  3. CONSTRUCT PERMANENT TRAFFIC SIGNALS IN THE RAMP A AREA.
  4. CONSTRUCT TEMPORARY PAVEMENT IN THE RAMP A ISLAND AND IN THE MEDIAN AREA SOUTHWEST OF RAMP A.

STAGE 3 - CONSTRUCT WESTBOUND IL 132

- TRAFFIC CONTROL AND PROTECTION
1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNS.
  2. OPEN NEWLY CONSTRUCTED RAMP A TO TRAFFIC.
  3. KEEP SHIFTED TRAFFIC LANES TO THE SOUTH WITH EASTBOUND AND WESTBOUND IL 132 TRAFFIC REDUCED ONE LANE IN EACH DIRECTION.

- CONSTRUCTION
1. CONSTRUCT WESTBOUND IL 132 PAVEMENT, MEDIAN (EXCEPT WHERE TEMPORARY PAVEMENT IS REQUIRED) AND TURNING LANES.
  2. CONSTRUCT ALL IL 132 STORM SEWER FACILITIES WITHIN WORK ZONE.
  3. CONSTRUCT TEMPORARY PAVEMENT IN THE IL 132 MEDIAN AREAS FOR STAGE 4 CONSTRUCTION.

STAGE 4 - CONSTRUCT EASTBOUND IL 132

- TRAFFIC CONTROL AND PROTECTION
1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNS ON IL 132.
  2. SHIFT IL 132 TRAFFIC ONTO NEWLY CONSTRUCTED WESTBOUND LANES TO THE NORTH.

- CONSTRUCTION
1. CONSTRUCT EASTBOUND IL 132 PAVEMENT ON BOTH THE WEST AND EAST ENDS OF THE PROJECT (THE EXISTING EASTBOUND PCC PAVEMENT IN THE INTERSECTION IS TO REMAIN).
  2. CONSTRUCT ALL IL 132 STORM SEWER FACILITIES WITHIN WORK ZONE.

STAGE 5 - MEDIAN WORK AND PAVEMENT MARKING

- TRAFFIC CONTROL AND PROTECTION
1. SHIFT TRAFFIC TO COMPLETED PAVEMENT.
  2. USE IDOT STANDARDS 701701 AND 701427 FOR TRAFFIC CONTROL AND ANY TEMPORARY LANE CLOSURES.

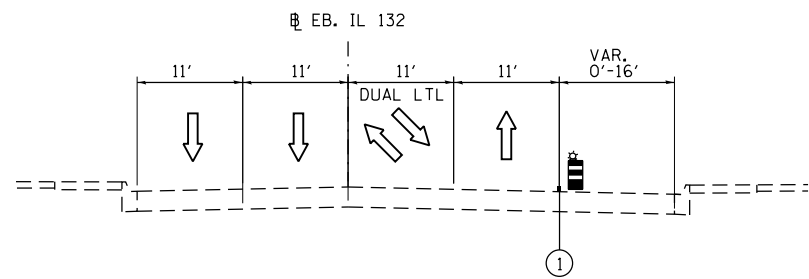
- CONSTRUCTION
1. FINISH CONSTRUCTION OF THE MEDIAN AREAS ON IL 132 AND RAMP A WHERE TEMPORARY PAVEMENT WAS PLACED FOR PREVIOUS STAGE CONSTRUCTION.
  2. INSTALL PERMANENT PAVEMENT MARKINGS INCLUDING RESTORATION OF CONFLICTING PAVEMENT MARKINGS THAT WERE REMOVED DURING STAGING.

**GENERAL MAINTENANCE OF TRAFFIC NOTES**

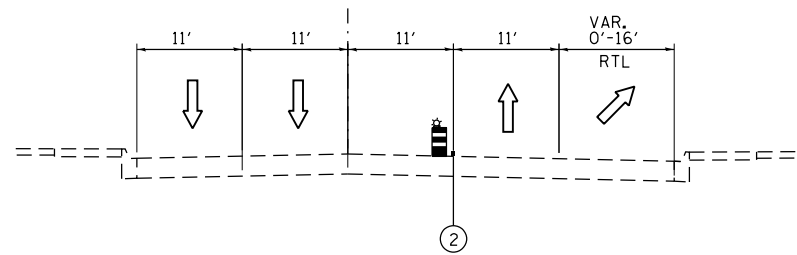
1. TWO WEEKS PRIOR TO ANY DETOURS AND LANE CLOSURES, THE LAKE COUNTY TRAFFIC MANAGEMENT CENTER MUST BE NOTIFIED(847) 377-7000.
2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AND SIDE STREETS DURING CONSTRUCTION. TEMPORARY ACCESS CLOSURES WILL BE ALLOWED ONLY AT THE DIRECTION OF THE ENGINEER.
3. CONSTRUCTION OF THE IL 132/RAMP D ROADWAY (STAGES 2-5)WILL NOT BE ALLOWED IN THE WINTER MONTHS.
4. PEDESTRIANS SHALL HAVE A CLEAR AND ADA ASSESSIBLE SIDEWALK ROUTE TO CROSS THE IL 132/US 41 INTERCHANGE AT ALL TIMES DURING CONSTRUCTION. SIDEWALK ROUTES MAY BE DIVERTED TO THE NORTH AND SOUTH SIDES OF IL 132 BASED ON STAGING ACTIVITIES. REROUTE PEDESTRIAN TRAFFIC TO THE OPEN SIDEWALK PATH USING THE CROSSWALKS ON IL 132 (OLD GRAND AVENUE ON THE WEST AND BELLE PLAINE AVENUE ON THE EAST) IN CONJUNCTION WITH IDOT STANDARD 701801 FOR SIDEWALK CLOSURES.
5. THE CONTRACTOR SHALL CONTACT THE DISTRICT 1 TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

	USER NAME = aafitzpatrick DESIGNED - AAF DRAWN - JAM CHECKED - BAP DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 132 MAINTENANCE OF TRAFFIC NOTES	F.A.P. RTE. 346 SECTION 125X-N&J-SB-B COUNTY LAKE CONTRACT NO. 60K80	TOTAL SHEETS 361 SHEET NO. 45
	PLOT SCALE = 2.0000' / 1"	PLOT DATE = 10/7/2016			SCALE: N/A SHEET NO. 1 OF 19 SHEETS STA. N/A TO STA. N/A	ILLINOIS FED. AID PROJECT

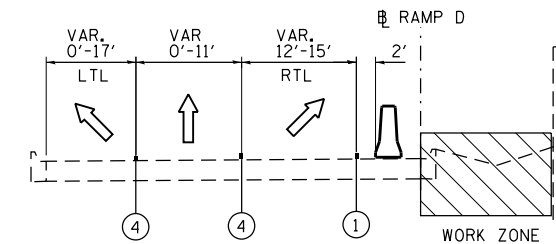




**STAGE 1A-STA 14+80 TO STA. 16+00**

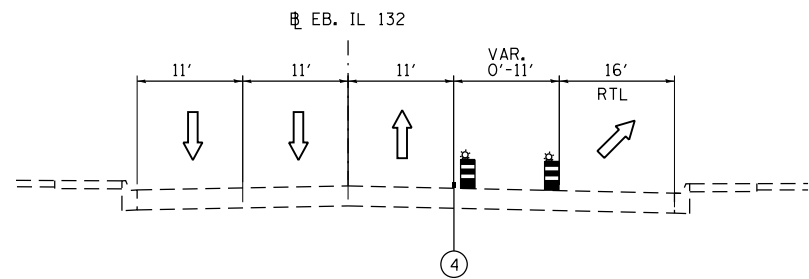


**STAGE 1B-STA 14+80 TO STA. 16+83**

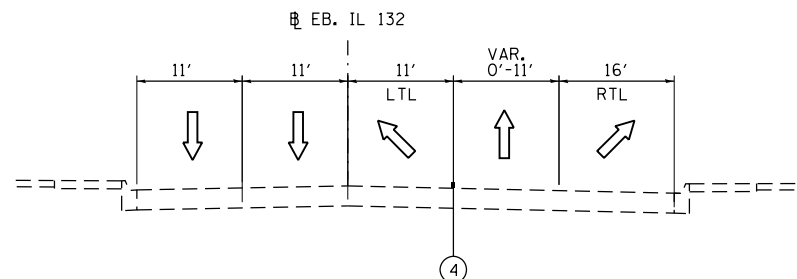


**STAGE 2A-STA 400+40 TO 406+63**

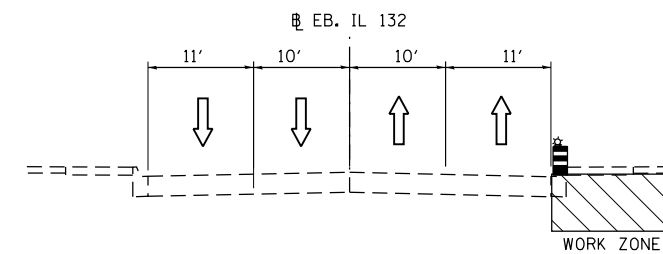
(RAMP D-LOOKING DOWNSTATION)



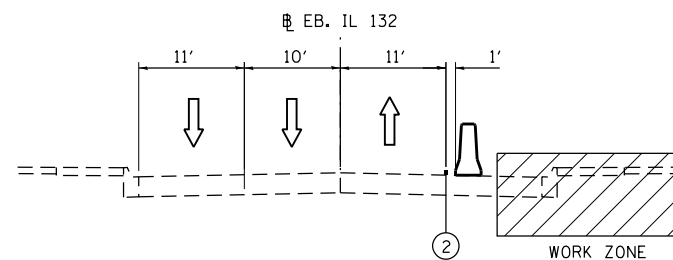
**STAGE 1A-STA 16+00 TO STA. 19+76**



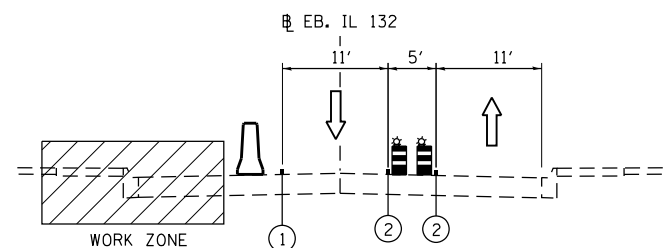
**STAGE 1B-STA 16+83 TO STA. 19+76**



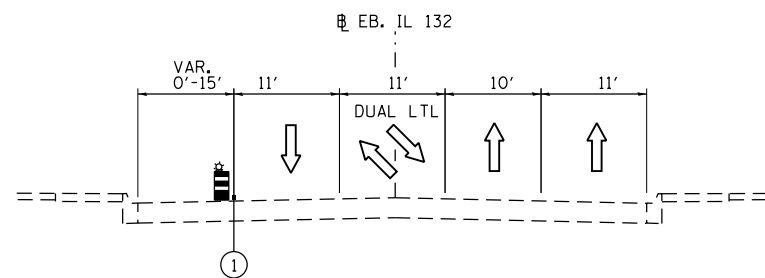
**STAGE 2A-STA 22+50 TO STA. 24+80**



**STAGE 1A-STA 23+29 TO STA. 25+29**



**STAGE 1B-STA 23+29 TO STA. 25+58**



**STAGE 1B-STA 25+58 TO STA. 31+00**

**LEGEND**

- TRAFFIC DIRECTION
- TEMPORARY CONCRETE BARRIER (PINNED-SEE PLAN FOR STATION LIMITS)
- DRUM WITH MONO DIRECTIONAL LIGHT
- WORK ZONE

TEMPORARY PAVEMENT MARKINGS

- ① 4" WHITE
- ② 4" YELLOW
- ③ 4" DOUBLE YELLOW @ 11" C-C
- ④ 6" WHITE
- ⑤ 4" WHITE, SKIP DASH, (10' LINE, 30' SKIP)

FILE NAME = ...\\D1.IL132\_SHT\_MOT\_TYP.dgn  
**HOH** HARRY O. HEFTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/346-8131

USER NAME = aafitzpatrick  
 DESIGNED - AAF  
 DRAWN - AAF  
 CHECKED - BAP  
 DATE -  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 10/7/2016

DESIGNED - AAF  
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 CHECKED - BAP  
 DATE -

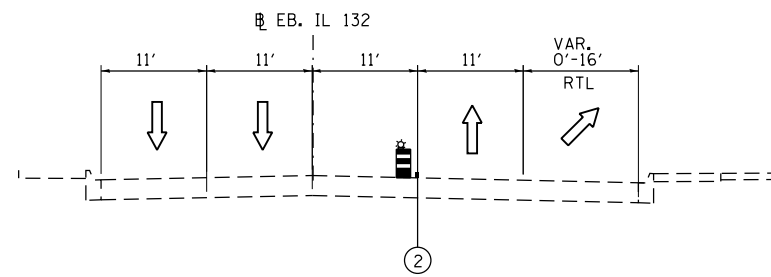
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

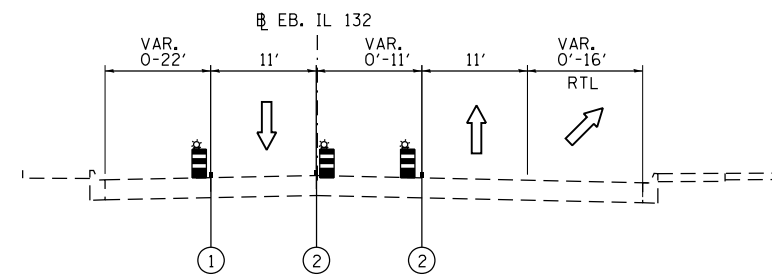
**ILLINOIS ROUTE 132  
 MOT TYPICAL SECTIONS (STAGE 1A, 1B AND 2A)**

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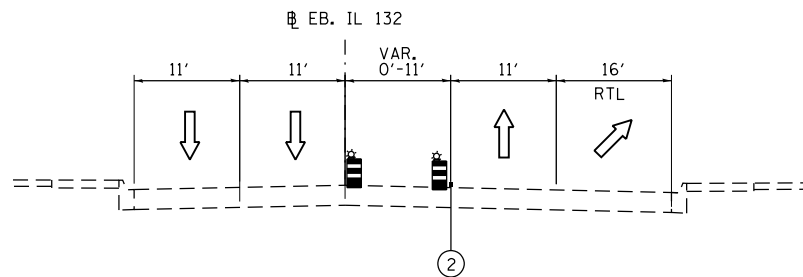
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	46
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				



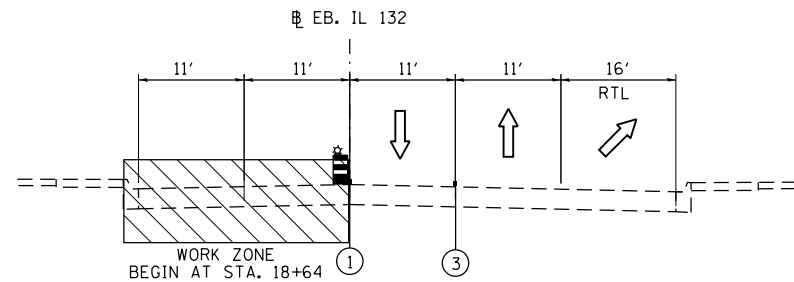
**STAGE 2B—STA 14+80 TO STA. 16+90**



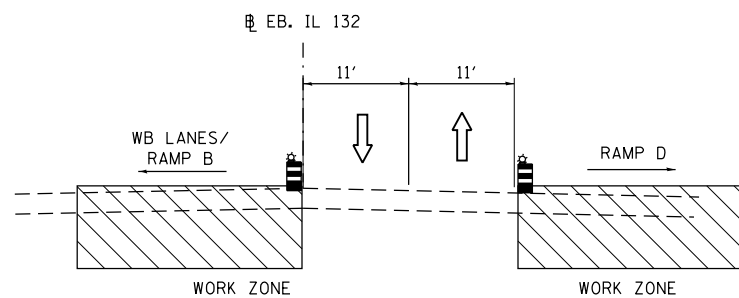
**STAGE 2C—STA 16+92 TO STA. 19+76**



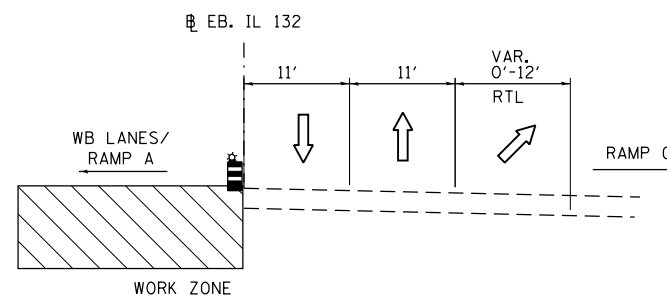
**STAGE 2B—STA 16+00 TO STA. 19+76**



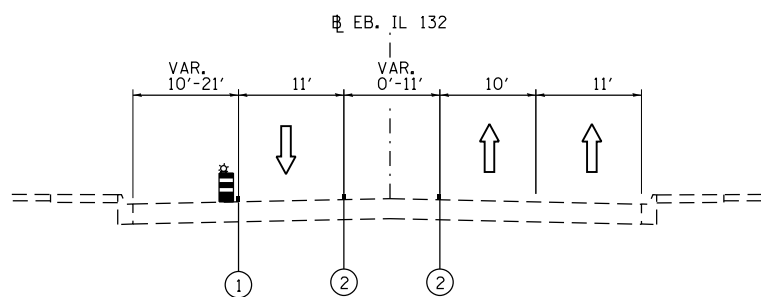
**STAGE 2C—STA 19+76 TO STA. 21+16**



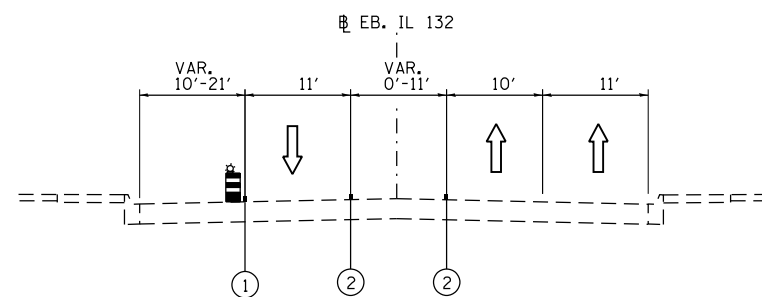
**STAGE 2B—STA 21+16 TO STA. 22+96**  
(INTERSECTION AREA)



**STAGE 2C—STA 21+16 TO STA. 21+46**  
(INTERSECTION AREA)




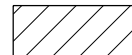


**STAGE 2B—STA 22+96 TO STA. 28+00**



**STAGE 2C—STA 22+58 TO STA. 28+00**

**LEGEND**

-  TRAFFIC DIRECTION
-  TEMPORARY CONCRETE BARRIER (PINNED-SEE PLAN FOR STATION LIMITS)
-  DRUM WITH MONO DIRECTIONAL LIGHT
-  WORK ZONE

TEMPORARY PAVEMENT MARKINGS

- ① 4" WHITE
- ② 4" YELLOW
- ③ 4" DOUBLE YELLOW @ 11" C-C
- ④ 6" WHITE

FILE NAME = ...\\D1.IL132\_SHT\_MOT\_TYP.dgn  
**HOH** HARRY O. HEFTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/346-8931

USER NAME = aafitzpatrick  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 10/7/2016

DESIGNED - AAF  
 DRAWN - AAF  
 CHECKED - BAP  
 DATE -

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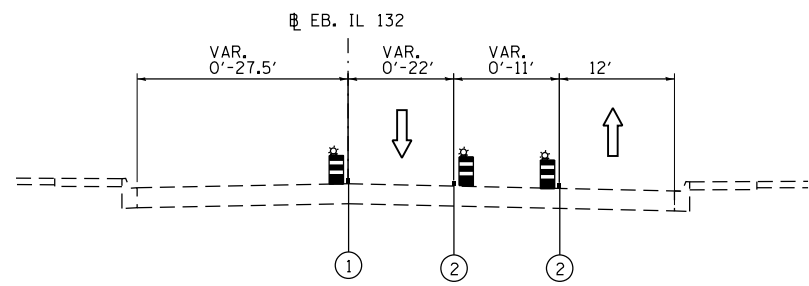
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132**  
**MOT TYPICAL SECTIONS (STAGE 2B AND 2C)**

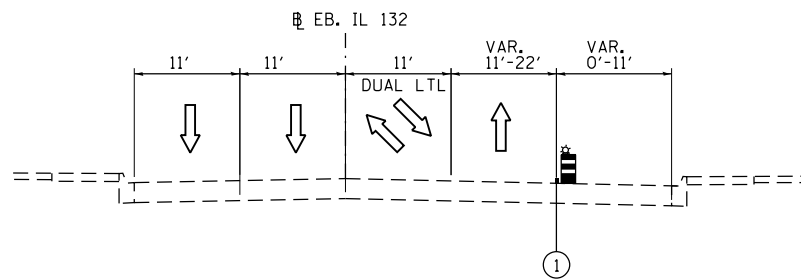
SCALE: SHEET NO. 3 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60K80				

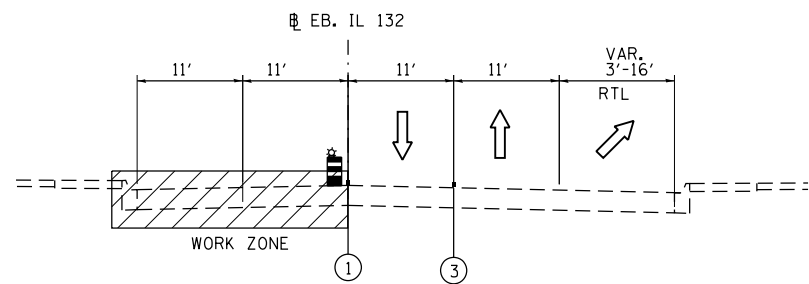
ILLINOIS FED. AID PROJECT



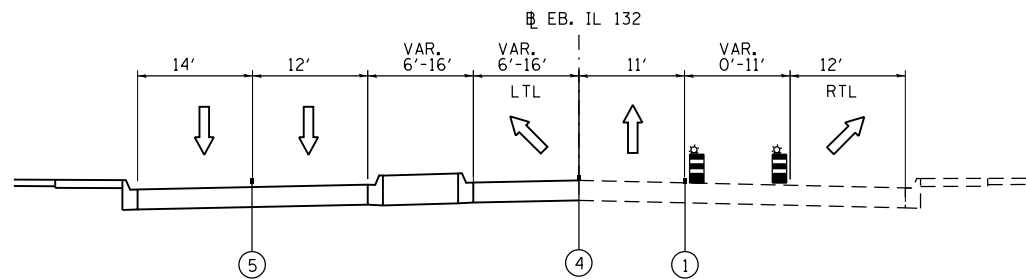
**STAGE 3—STA 9+97 TO STA. 12+90**



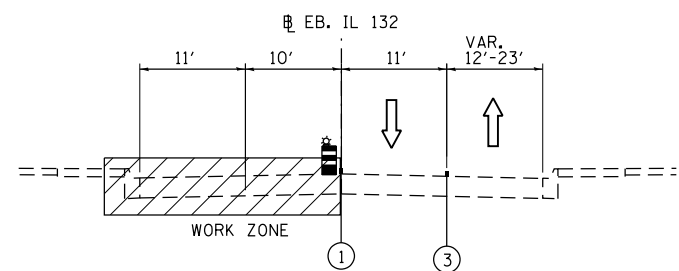
**STAGE 4—STA 10+93 TO STA. 14+70**



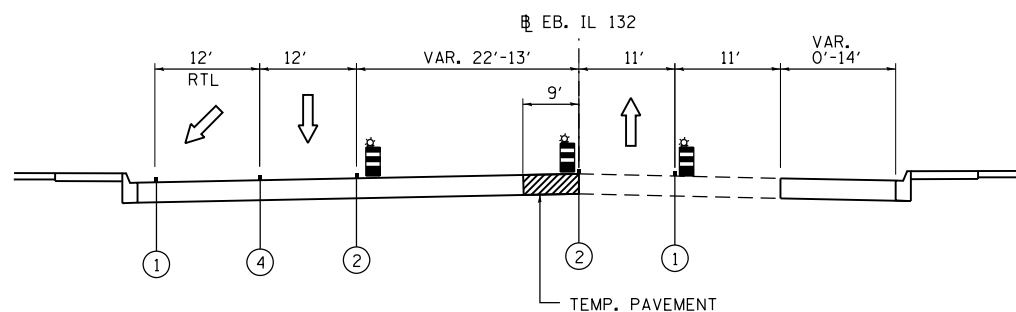
**STAGE 3—STA 12+90 TO STA. 19+37**



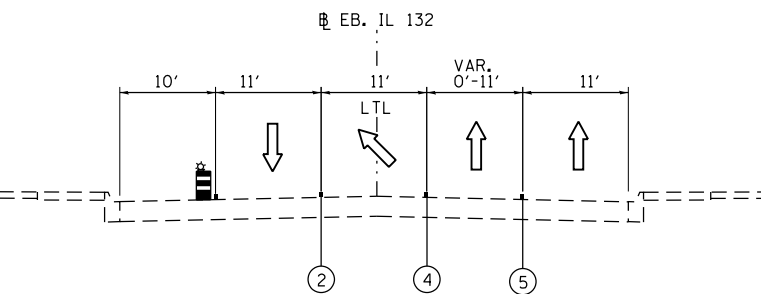
**STAGE 4—STA 14+70 TO STA. 19+76**



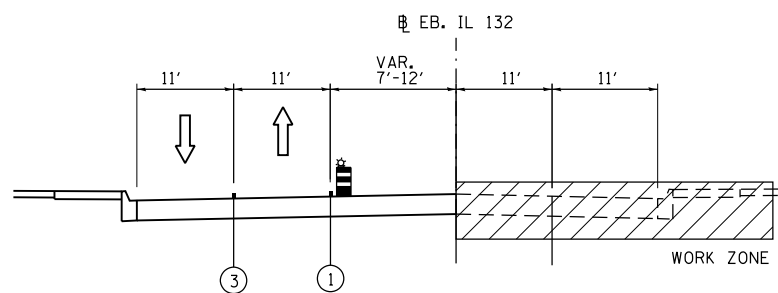
**STAGE 3—STA 22+58 TO STA. 31+96**



**STAGE 4—STA 23+08 TO STA. 24+78**







**STAGE 3—STA 31+96 TO STA. 36+12**



**STAGE 4—STA 24+78 TO STA. 31+85**

**LEGEND**

-  TRAFFIC DIRECTION
-  TEMPORARY CONCRETE BARRIER (PINNED-SEE PLAN FOR STATION LIMITS)
-  DRUM WITH MONO DIRECTIONAL LIGHT
-  WORK ZONE

**TEMPORARY PAVEMENT MARKINGS**

- ① 4" WHITE
- ② 4" YELLOW
- ③ 4" DOUBLE YELLOW @ 11" C-C
- ④ 6" WHITE
- ⑤ 4" WHITE, SKIP DASH, (10' LINE, 30' SKIP)

FILE NAME = ...D1.IL132\_SHT\_MOT\_TYP.dgn  
**HOH** HARRY O. HEFTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/346-8931

USER NAME = aafitzpatrick  
 DESIGNED - AAF  
 DRAWN - AAF  
 CHECKED - BAP  
 DATE -  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 10/7/2016

DESIGNED - AAF  
 DRAWN - AAF  
 CHECKED - BAP  
 DATE -

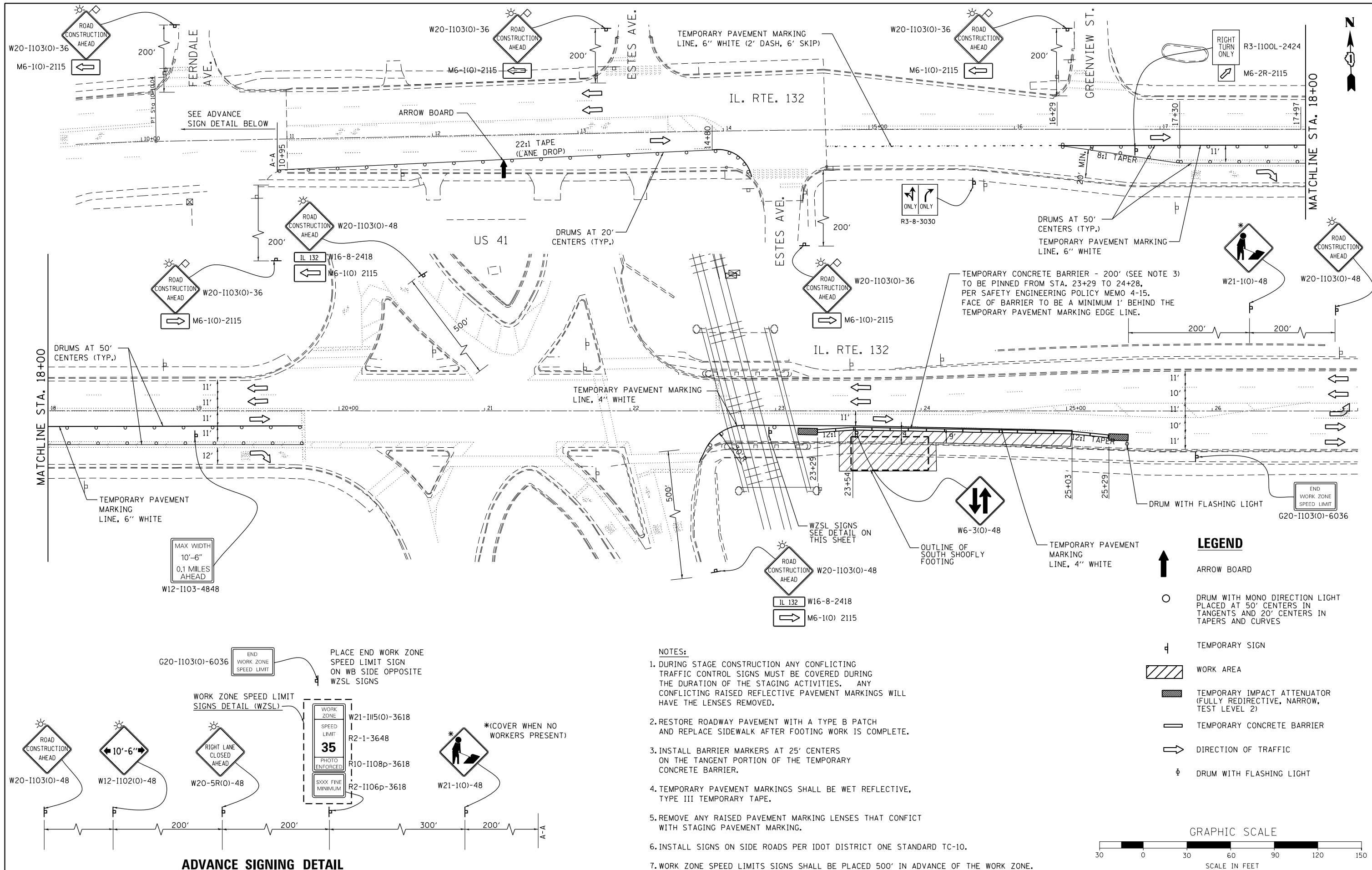
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**









**ILLINOIS ROUTE 132  
 MOT TYPICAL SECTIONS (STAGE 3 AND 4)**

SCALE: SHEET NO. 4 OF 19 SHEETS STA. TO STA.

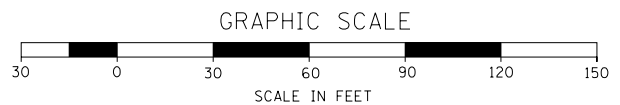
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-SB-B	LAKE	361	48
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				



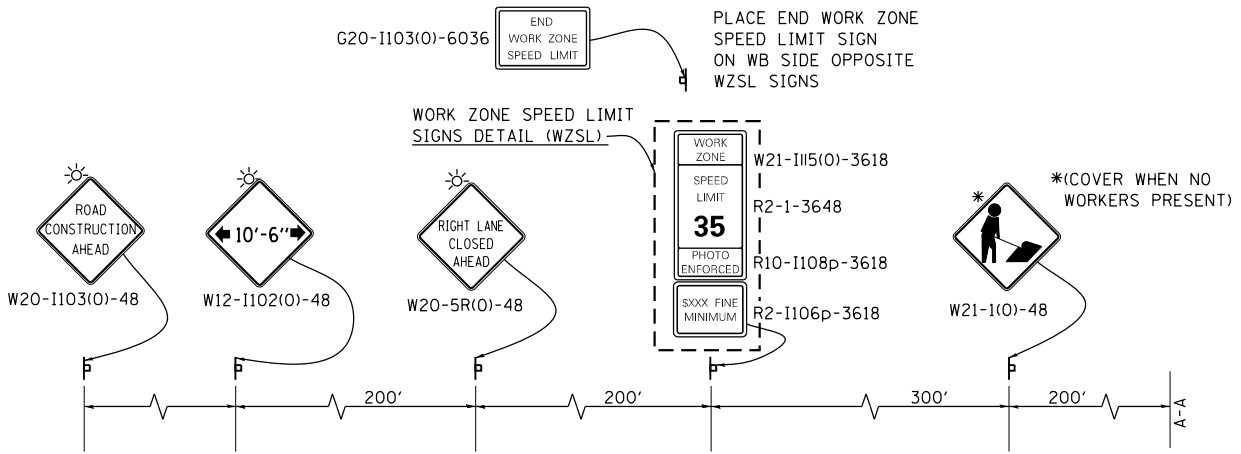
**LEGEND**

-  ARROW BOARD
-  DRUM WITH MONO DIRECTION LIGHT PLACED AT 50' CENTERS IN TANGENTS AND 20' CENTERS IN TAPERS AND CURVES
-  TEMPORARY SIGN
-  WORK AREA
-  TEMPORARY IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW, TEST LEVEL 2)
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC
-  DRUM WITH FLASHING LIGHT

- NOTES:**
1. DURING STAGE CONSTRUCTION ANY CONFLICTING TRAFFIC CONTROL SIGNS MUST BE COVERED DURING THE DURATION OF THE STAGING ACTIVITIES. ANY CONFLICTING RAISED REFLECTIVE PAVEMENT MARKINGS WILL HAVE THE LENSES REMOVED.
  2. RESTORE ROADWAY PAVEMENT WITH A TYPE B PATCH AND REPLACE SIDEWALK AFTER FOOTING WORK IS COMPLETE.
  3. INSTALL BARRIER MARKERS AT 25' CENTERS ON THE TANGENT PORTION OF THE TEMPORARY CONCRETE BARRIER.
  4. TEMPORARY PAVEMENT MARKINGS SHALL BE WET REFLECTIVE, TYPE III TEMPORARY TAPE.
  5. REMOVE ANY RAISED PAVEMENT MARKING LENSES THAT CONFLICT WITH STAGING PAVEMENT MARKING.
  6. INSTALL SIGNS ON SIDE ROADS PER IDOT DISTRICT ONE STANDARD TC-10.
  7. WORK ZONE SPEED LIMITS SIGNS SHALL BE PLACED 500' IN ADVANCE OF THE WORK ZONE.



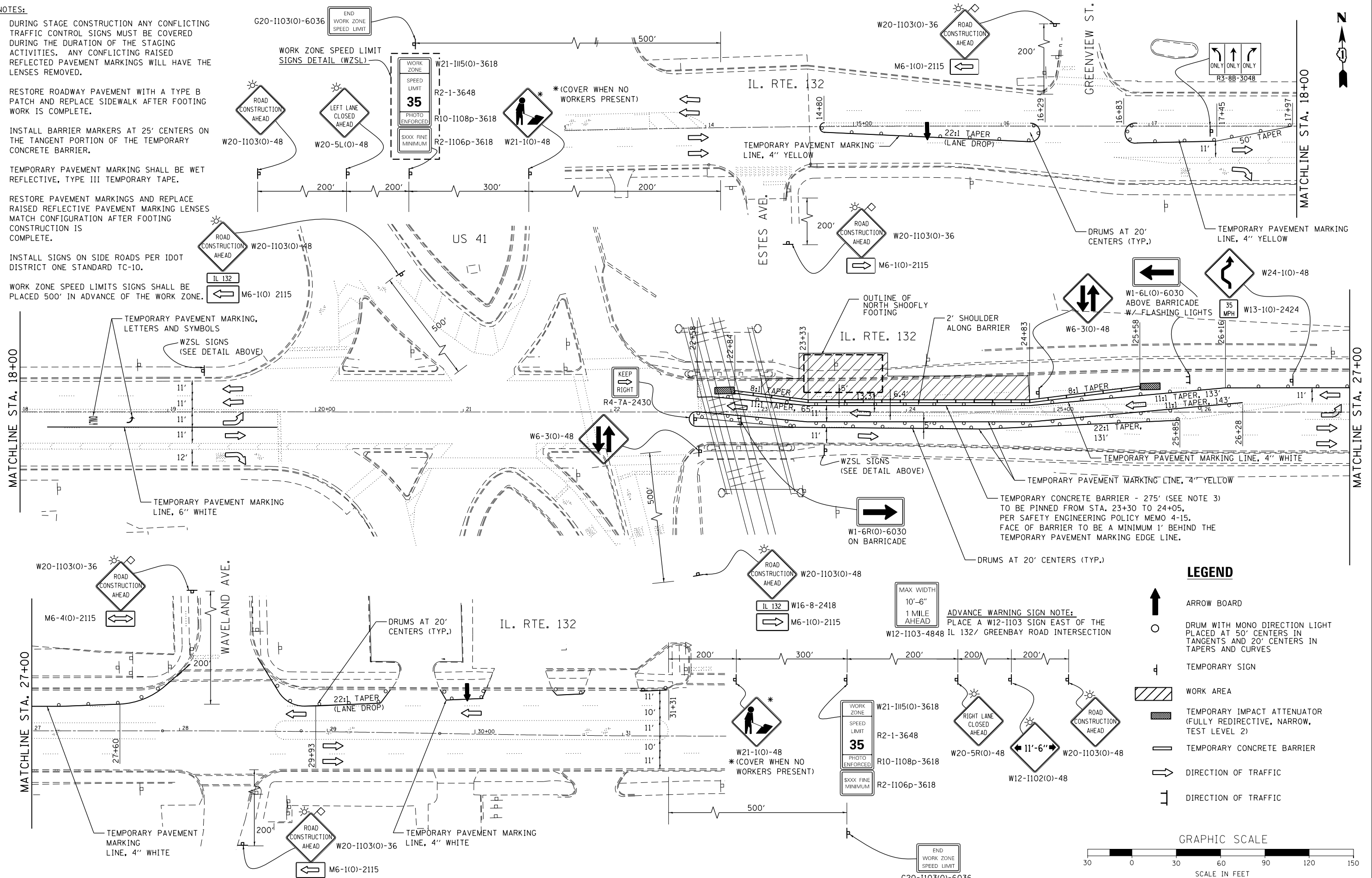
**ADVANCE SIGNING DETAIL**



<b>HOH</b> HARRY O. HOFFER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 55 East Jackson Blvd., Suite 600 Chicago, Illinois 60604 312/246-8931	USER NAME = aafitzpatrick PLOT SCALE = 60.0000' / in. PLOT DATE = 10/7/2016	DESIGNED - AAF DRAWN - AAF CHECKED - BAP DATE - 12/10/2014	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132</b> <b>MAINTENANCE OF TRAFFIC (STAGE 1A)</b>		F.A.P. RTE. 346 SECTION 125X-N&J-5B-B COUNTY LAKE TOTAL SHEETS 361 SHEET NO. 49
	SCALE: SHEET NO. 5 OF 19 SHEETS STA. TO STA.				CONTRACT NO. 60K80 ILLINOIS FED. AID PROJECT		

**NOTES:**

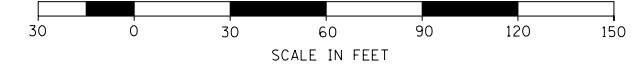
- DURING STAGE CONSTRUCTION ANY CONFLICTING TRAFFIC CONTROL SIGNS MUST BE COVERED DURING THE DURATION OF THE STAGING ACTIVITIES. ANY CONFLICTING RAISED REFLECTED PAVEMENT MARKINGS WILL HAVE THE LENSES REMOVED.
- RESTORE ROADWAY PAVEMENT WITH A TYPE B PATCH AND REPLACE SIDEWALK AFTER FOOTING WORK IS COMPLETE.
- INSTALL BARRIER MARKERS AT 25' CENTERS ON THE TANGENT PORTION OF THE TEMPORARY CONCRETE BARRIER.
- TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE, TYPE III TEMPORARY TAPE.
- RESTORE PAVEMENT MARKINGS AND REPLACE RAISED REFLECTIVE PAVEMENT MARKING LENSES MATCH CONFIGURATION AFTER FOOTING CONSTRUCTION IS COMPLETE.
- INSTALL SIGNS ON SIDE ROADS PER IDOT DISTRICT ONE STANDARD TC-10.
- WORK ZONE SPEED LIMITS SIGNS SHALL BE PLACED 500' IN ADVANCE OF THE WORK ZONE.



**LEGEND**

- ARROW BOARD
- DRUM WITH MONO DIRECTION LIGHT PLACED AT 50' CENTERS IN TANGENTS AND 20' CENTERS IN TAPERS AND CURVES
- TEMPORARY SIGN
- WORK AREA
- TEMPORARY IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW, TEST LEVEL 2)
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- DIRECTION OF TRAFFIC

**GRAPHIC SCALE**



FILE NAME = ...DI\_IL132\_SHT\_STAGE1B.dgn  
**HOH** HARRY O. HEFTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/246-8313

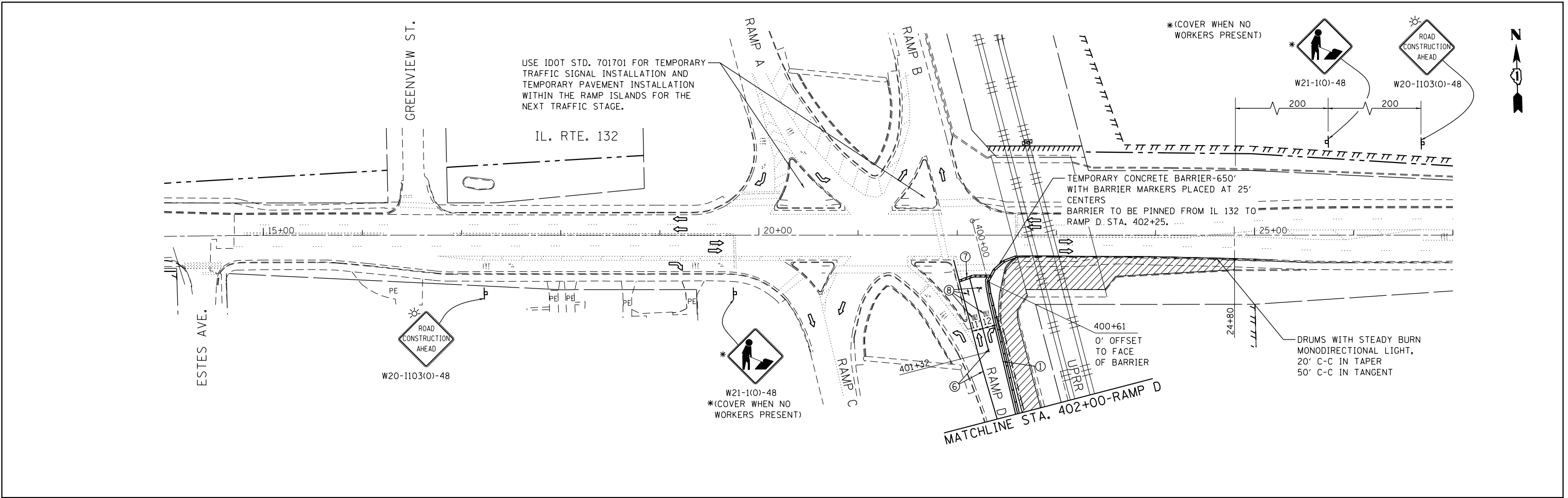
USER NAME = aafitzpatrick  
 DESIGNED - AAF  
 DRAWN - AAF  
 CHECKED - BAP  
 DATE - 12/10/2014  
 PLOT SCALE = 60.0000' / in.  
 PLOT DATE = 10/7/2016

DESIGNED - AAF  
 DRAWN - AAF  
 CHECKED - BAP  
 DATE - 12/10/2014  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132  
 MAINTENANCE OF TRAFFIC (STAGE 1B)**  
 SCALE: SHEET NO. 6 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	50
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				



**NOTES:**

- TEMPORARY PAVEMENT MARKINGS SHALL BE WET REFLECTIVE, TYPE III TEMPORARY TAPE.

**LEGEND**

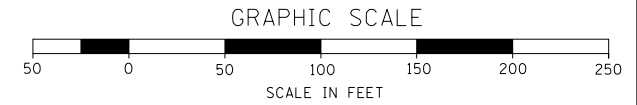
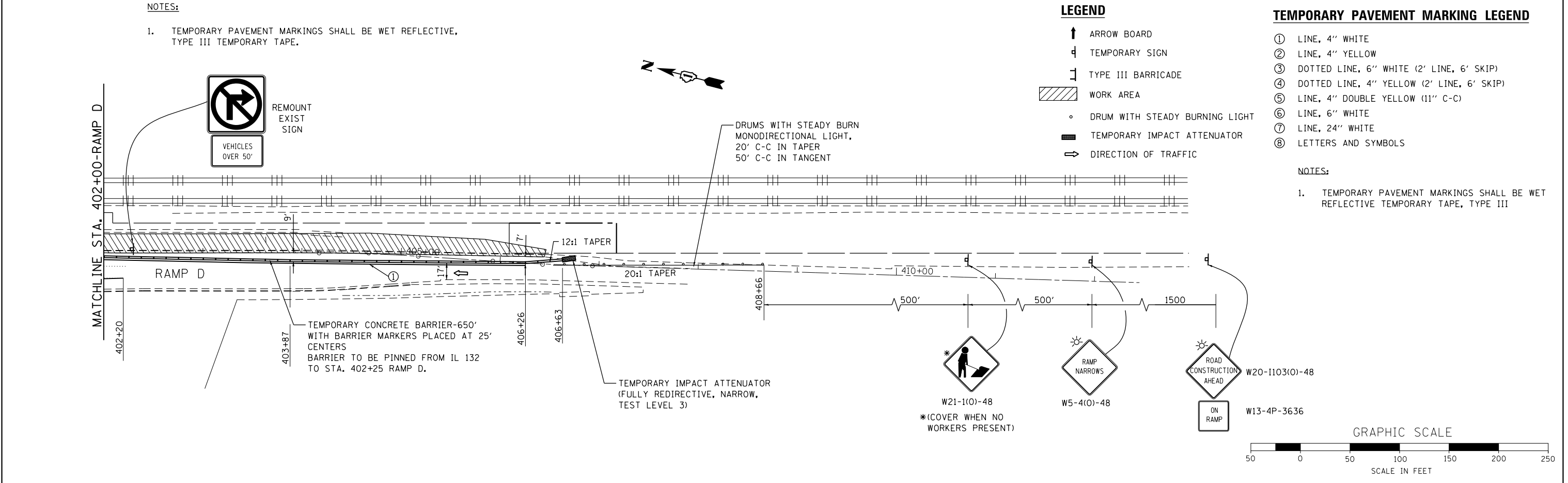
- ↑ ARROW BOARD
- ⊥ TEMPORARY SIGN
- [ ] TYPE III BARRICADE
- ▨ WORK AREA
- DRUM WITH STEADY BURNING LIGHT
- TEMPORARY IMPACT ATTENUATOR
- ⇒ DIRECTION OF TRAFFIC

**TEMPORARY PAVEMENT MARKING LEGEND**

- ① LINE, 4" WHITE
- ② LINE, 4" YELLOW
- ③ DOTTED LINE, 6" WHITE (2' LINE, 6' SKIP)
- ④ DOTTED LINE, 4" YELLOW (2' LINE, 6' SKIP)
- ⑤ LINE, 4" DOUBLE YELLOW (11" C-C)
- ⑥ LINE, 6" WHITE
- ⑦ LINE, 24" WHITE
- ⑧ LETTERS AND SYMBOLS

**NOTES:**

- TEMPORARY PAVEMENT MARKINGS SHALL BE WET REFLECTIVE TEMPORARY TAPE, TYPE III



FILE NAME = ...\\DL\IL132_SHT_STAGE2A.dgn <b>HOH</b> HARRY O. HEFTER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 3366 55 East Jackson Blvd., Suite 600 Chicago, Illinois 60604 312/346-8131		USER NAME = aafitzpatrick DESIGNED - JS DRAWN - JS CHECKED - BAP DATE -		REVISED - REVISED - REVISED - REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>			<b>ILLINOIS ROUTE 132</b> <b>MAINTENANCE OF TRAFFIC (STAGE 2A)</b>			F.A.P. RTE. 346 SECTION 125X-N&J-5B-B COUNTY LAKE TOTAL SHEETS 361 SHEET NO. 51 CONTRACT NO. 60K80	
PLOT SCALE = 100.0000' / 1"		PLOT DATE = 10/7/2016		SCALE: 1"=50'			SHEET NO. 7 OF 19 SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT		

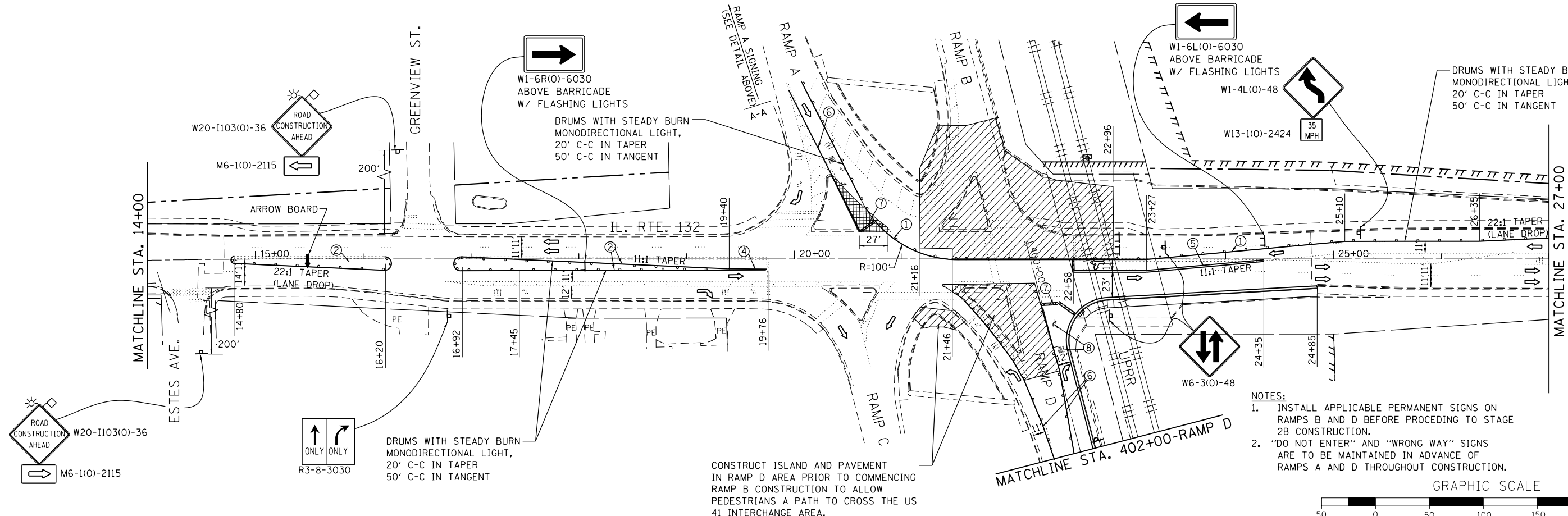
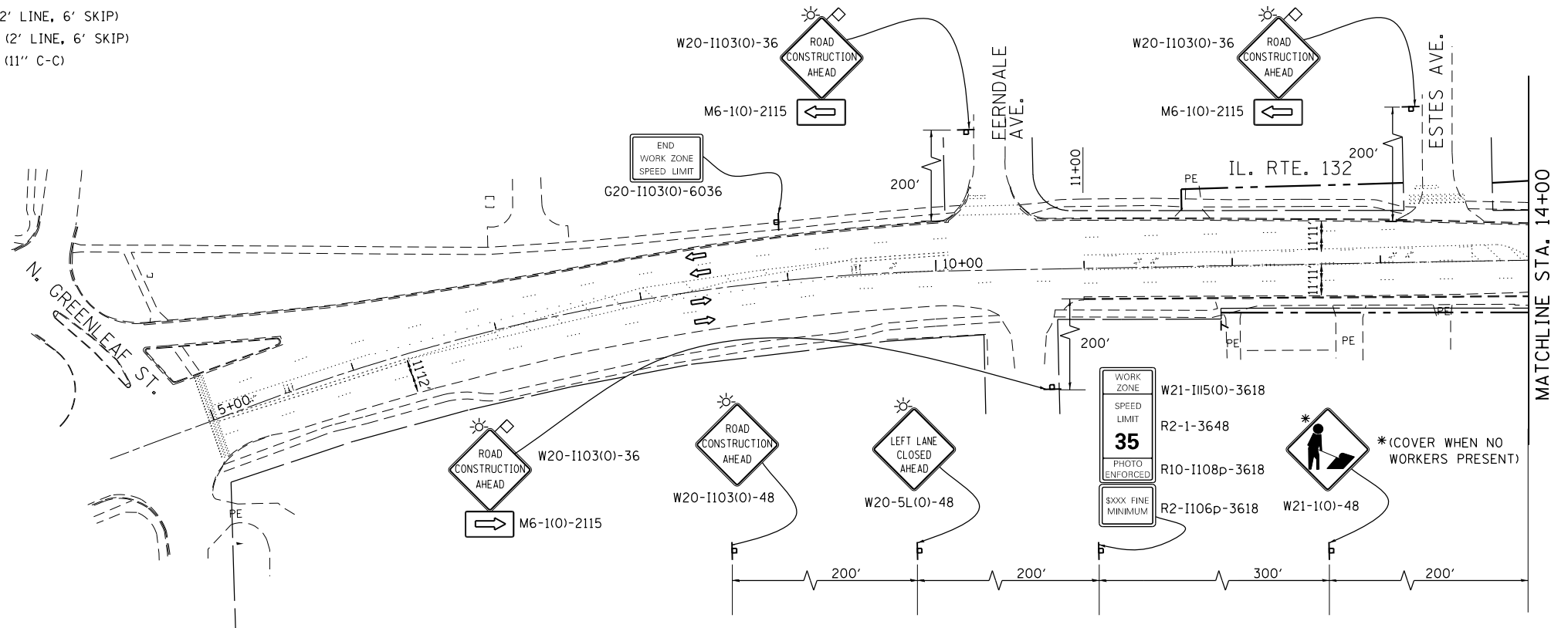
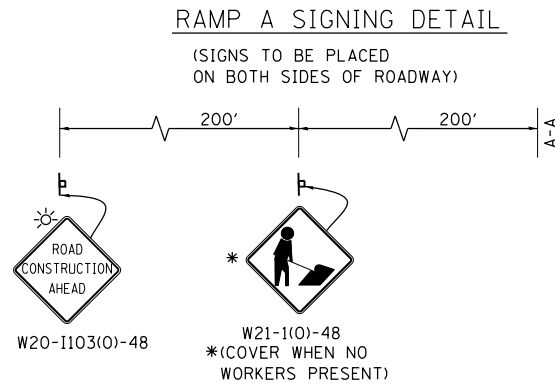
**LEGEND**

- ↑ ARROW BOARD
- ⊥ TEMPORARY SIGN
- ⊥ TYPE III BARRICADE
- ▨ WORK AREA
- DRUM WITH STEADY BURNING LIGHT
- ▨ TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC

**TEMPORARY PAVEMENT MARKING LEGEND**

- ① LINE, 4" WHITE
- ② LINE, 4" YELLOW
- ③ DOTTED LINE, 6" WHITE (2' LINE, 6' SKIP)
- ④ DOTTED LINE, 4" YELLOW (2' LINE, 6' SKIP)
- ⑤ LINE, 4" DOUBLE YELLOW (11" C-C)
- ⑥ LINE, 6" WHITE
- ⑦ LINE, 24" WHITE
- ⑧ LETTERS AND SYMBOLS

NOTE:  
1. TEMPORARY PAVEMENT MARKINGS SHALL BE WET REFLECTIVE TEMPORARY TAPE, TYPE III.



**NOTES:**

- INSTALL APPLICABLE PERMANENT SIGNS ON RAMP B AND D BEFORE PROCEEDING TO STAGE 2B CONSTRUCTION.
- "DO NOT ENTER" AND "WRONG WAY" SIGNS ARE TO BE MAINTAINED IN ADVANCE OF RAMP A AND D THROUGHOUT CONSTRUCTION.

GRAPHIC SCALE  
50 0 50 100 150 200 250  
SCALE IN FEET

FILE NAME = ...\\D1.IL132\_SHT\_STAGE2B.dgn  
**HOH** HARRY O. HEFTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/246-8131

USER NAME = aafitzpatrick  
 DESIGNED - JS  
 DRAWN - JS  
 CHECKED - BAP  
 DATE -  
 PLOT SCALE = 100.0000' / 1" =  
 PLOT DATE = 10/7/2016

DESIGNED - JS  
 DRAWN - JS  
 CHECKED - BAP  
 DATE -

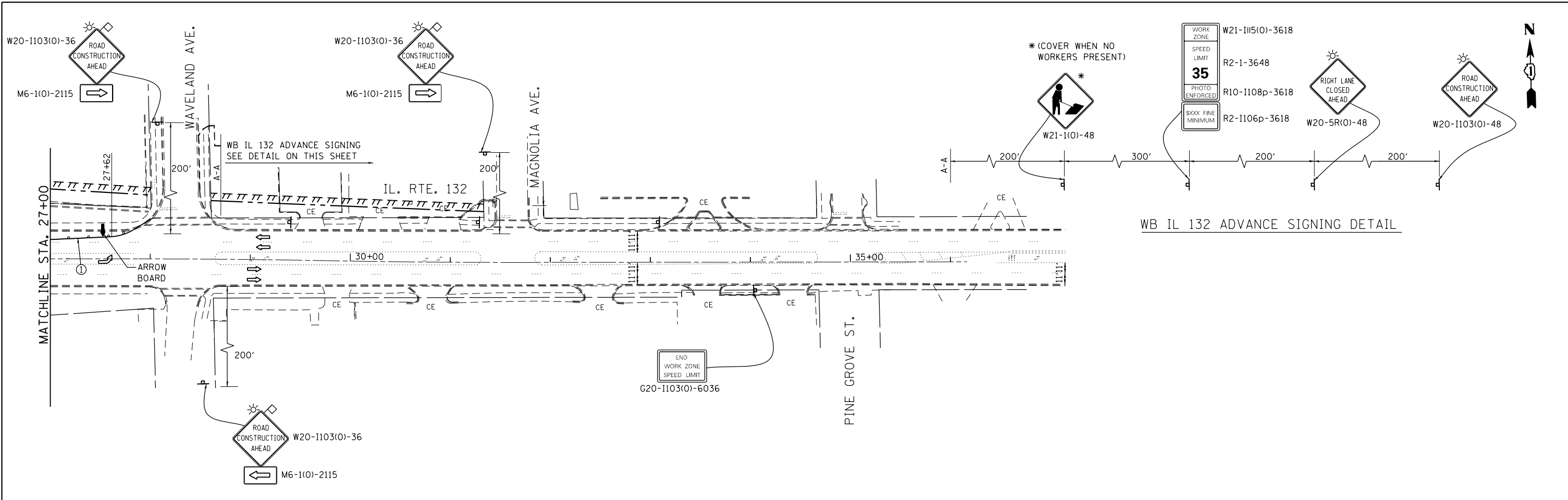
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

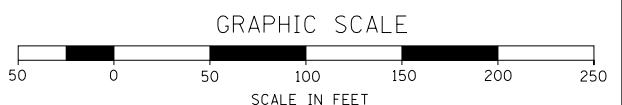
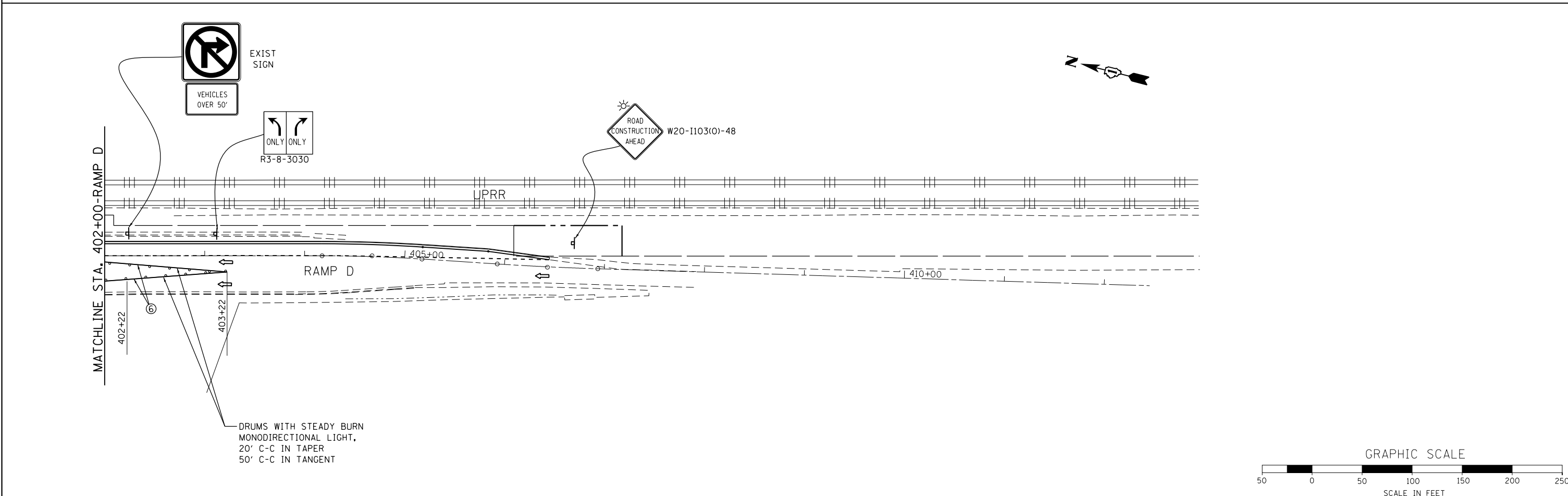
**ILLINOIS ROUTE 132  
 MAINTENANCE OF TRAFFIC (STAGE 2B)**  
 SCALE: 1"=50'  
 SHEET NO. 8 OF 19 SHEETS  
 STA. 5+25 TO STA. 27+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	52
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				





WB IL 132 ADVANCE SIGNING DETAIL



<b>HOH</b> HARRY O. HEFTER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 55 East Jackson Blvd., Suite 600 Chicago, Illinois 60604 312/346-8131	USER NAME = aafitzpatrick PLOT SCALE = 100.0000' / 1" = 100' PLOT DATE = 10/7/2016	DESIGNED - JS DRAWN - JS CHECKED - BAP DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132          MAINTENANCE OF TRAFFIC (STAGE 2B)</b>		F.A.P. RTE. 346 SECTION 125X-N&J-5B-B COUNTY LAKE TOTAL SHEETS 361 SHEET NO. 53 CONTRACT NO. 60K80
	SCALE: 1"=50'    SHEET NO. 9 OF 19 SHEETS    STA. 27+00 TO STA. 36+00				ILLINOIS FED. AID PROJECT		

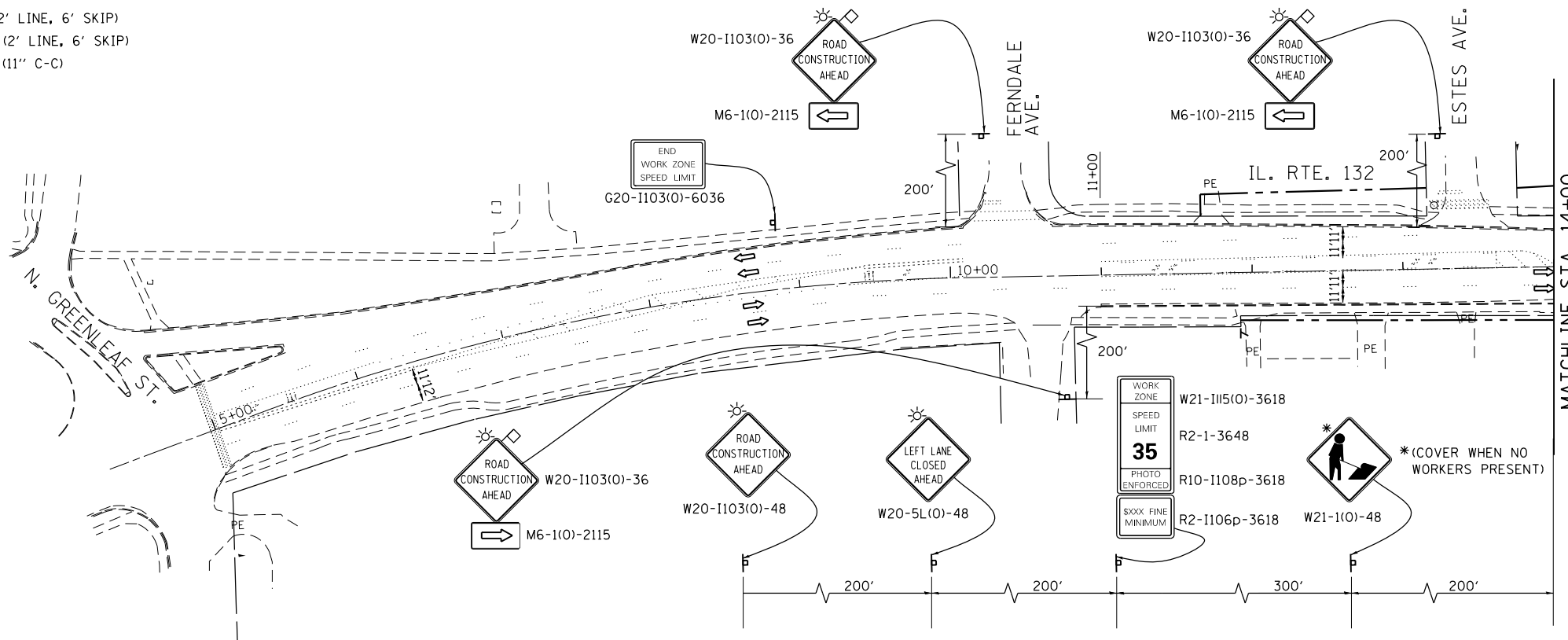
**LEGEND**

- ↑ ARROW BOARD
- ⊥ TEMPORARY SIGN
- ⊥ TYPE III BARRICADE
- ▨ WORK AREA
- DRUM WITH STEADY BURNING LIGHT
- ▤ TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC

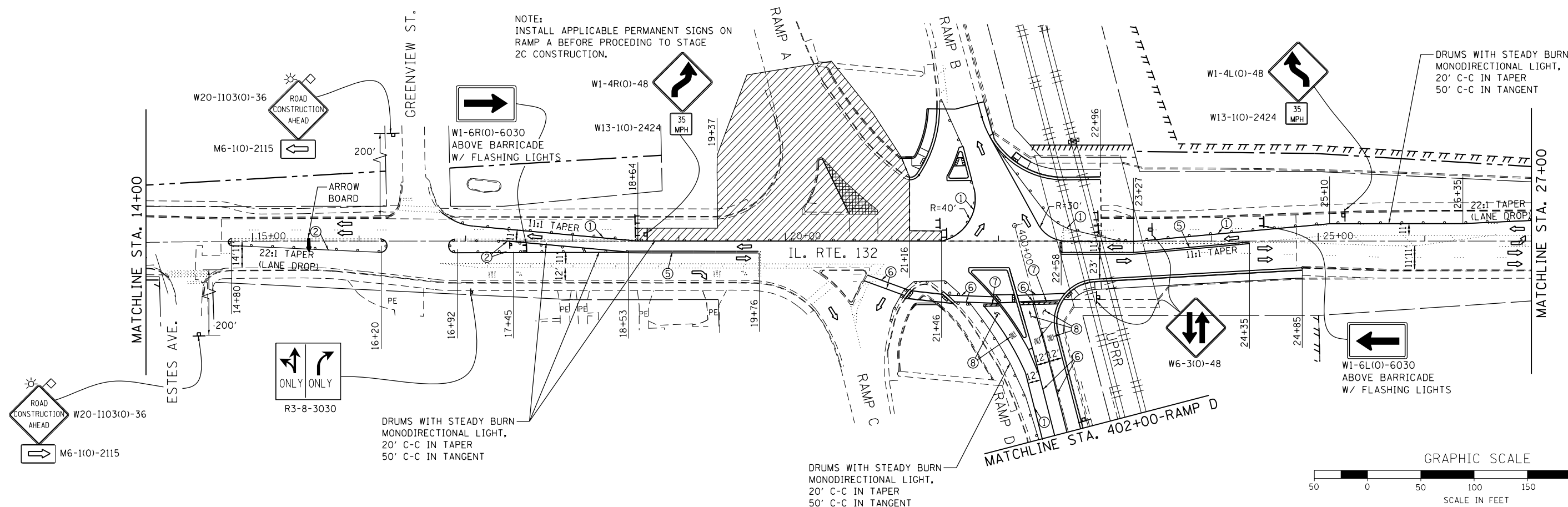
**TEMPORARY PAVEMENT MARKING LEGEND**

- ① LINE, 4" WHITE
- ② LINE, 4" YELLOW
- ③ DOTTED LINE, 6" WHITE (2' LINE, 6' SKIP)
- ④ DOTTED LINE, 4" YELLOW (2' LINE, 6' SKIP)
- ⑤ LINE, 4" DOUBLE YELLOW (11" C-C)
- ⑥ LINE, 6" WHITE
- ⑦ LINE, 24" WHITE
- ⑧ LETTERS AND SYMBOLS

NOTE:  
1. TEMPORARY PAVEMENT MARKINGS SHALL BE WET REFLECTIVE TEMPORARY TAPE, TYPE III.



NOTE:  
INSTALL APPLICABLE PERMANENT SIGNS ON RAMP A BEFORE PROCEEDING TO STAGE 2C CONSTRUCTION.



FILE NAME - ...D1.IL132\_SHT.STAGE2C.dgn  
**HOH** HARRY O. HEFTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/246-8131

USER NAME = aofitzpatrick  
 DESIGNED - JS  
 DRAWN - JS  
 CHECKED - BAP  
 DATE -  
 PLOT SCALE = 100.0000' / 1" =  
 PLOT DATE = 10/7/2016

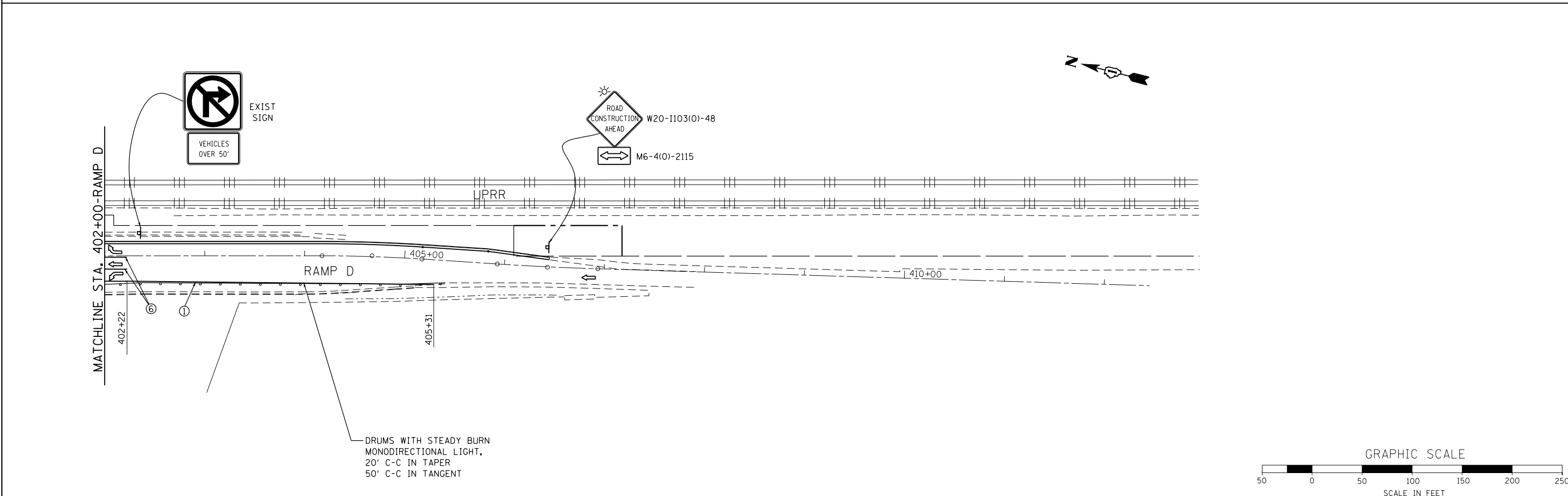
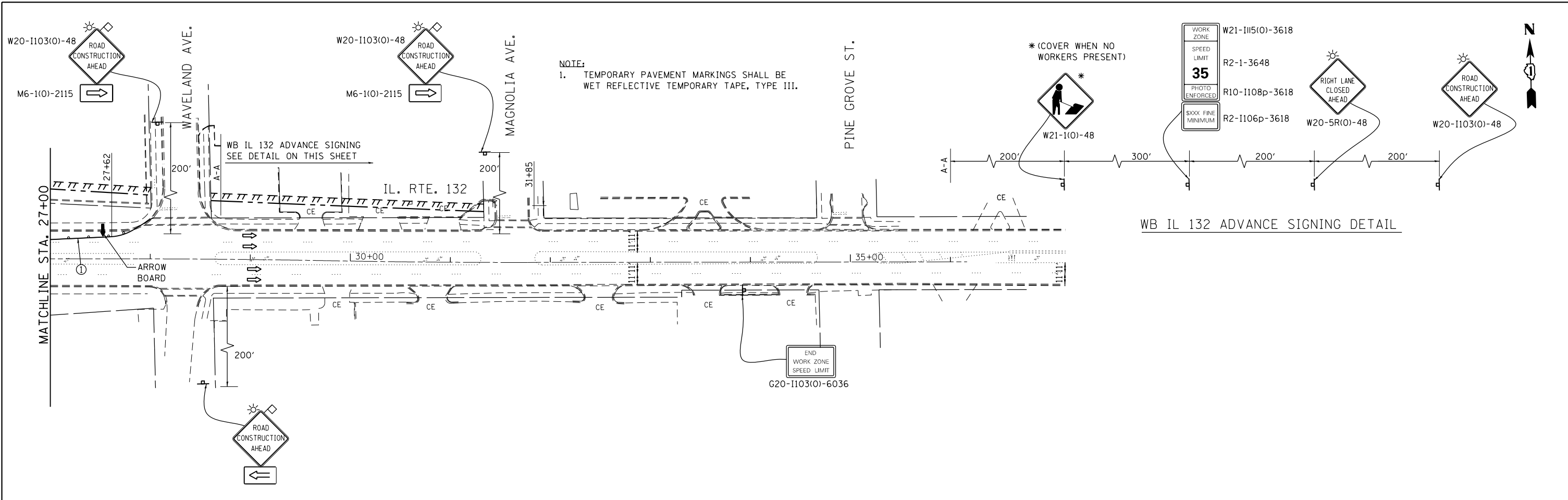
DESIGNED - JS  
 DRAWN - JS  
 CHECKED - BAP  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132  
 MAINTENANCE OF TRAFFIC (STAGE 2C)**  
 SCALE: 1"=50'  
 SHEET NO. 10 OF 19 SHEETS  
 STA. 5+25 TO STA. 27+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	54
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				



FILE NAME = ...\\D1.IL132_SHT.STAGE2C.dgn	USER NAME = aafitzpatrick	DESIGNED - JS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132</b> <b>MAINTENANCE OF TRAFFIC (STAGE 2C)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3366	346	125X-N&J-5B-B	LAKE			361	55			
3366	CONTRACT NO. 60K80									
ILLINOIS FED. AID PROJECT										

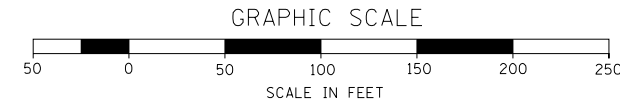
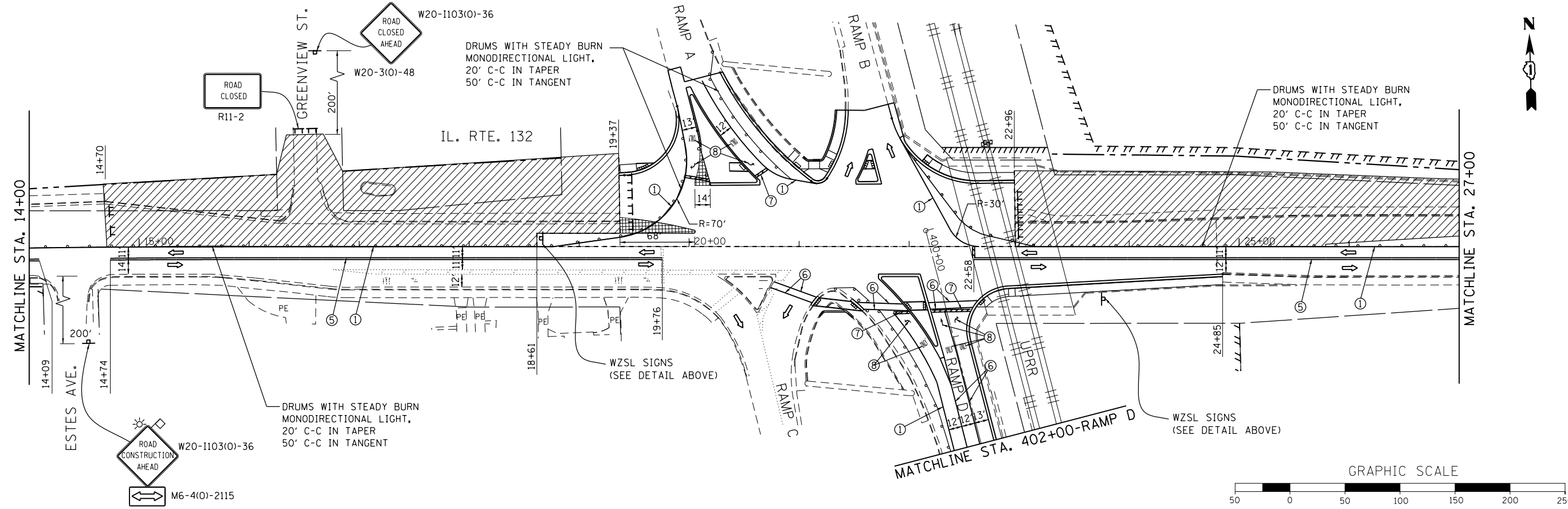
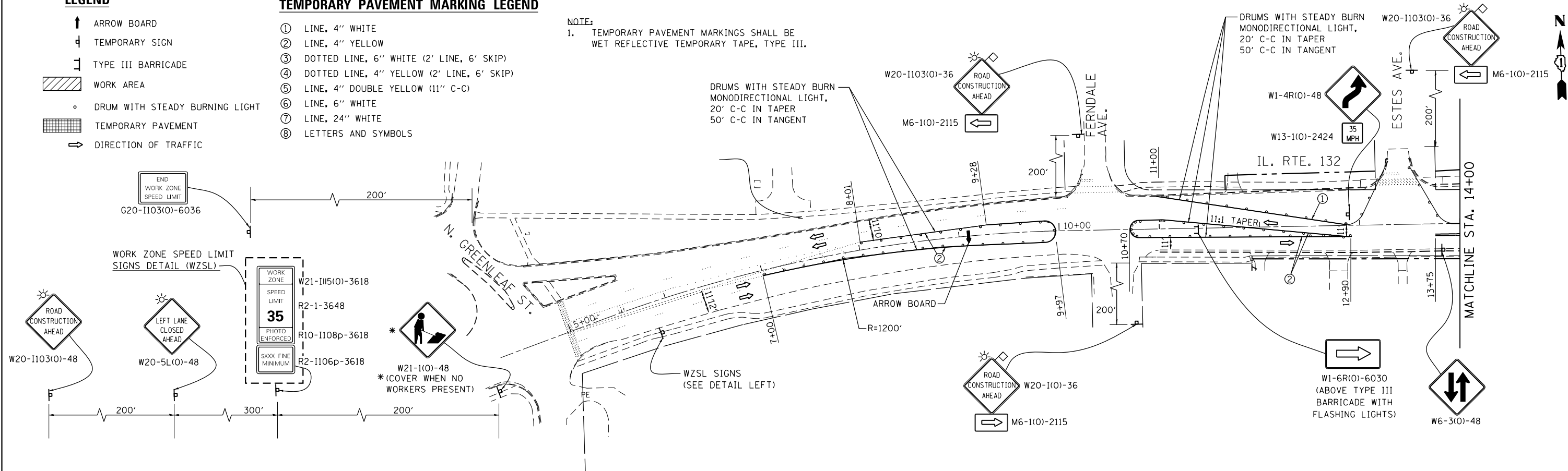
**LEGEND**

- ↑ ARROW BOARD
- ⊥ TEMPORARY SIGN
- ⊥ TYPE III BARRICADE
- ▨ WORK AREA
- DRUM WITH STEADY BURNING LIGHT
- ▤ TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC

**TEMPORARY PAVEMENT MARKING LEGEND**

- ① LINE, 4" WHITE
- ② LINE, 4" YELLOW
- ③ DOTTED LINE, 6" WHITE (2' LINE, 6' SKIP)
- ④ DOTTED LINE, 4" YELLOW (2' LINE, 6' SKIP)
- ⑤ LINE, 4" DOUBLE YELLOW (11" C-C)
- ⑥ LINE, 6" WHITE
- ⑦ LINE, 24" WHITE
- ⑧ LETTERS AND SYMBOLS

NOTE:  
1. TEMPORARY PAVEMENT MARKINGS SHALL BE WET REFLECTIVE TEMPORARY TAPE, TYPE III.



FILE NAME = ...D1.IL132\_SHT.STAGE3.dgn  
**HOH** HARRY O. HEFTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/346-8313

USER NAME = aafitzpatrick  
 PLOT SCALE = 100.0000' / 1" = 100'  
 PLOT DATE = 10/7/2016

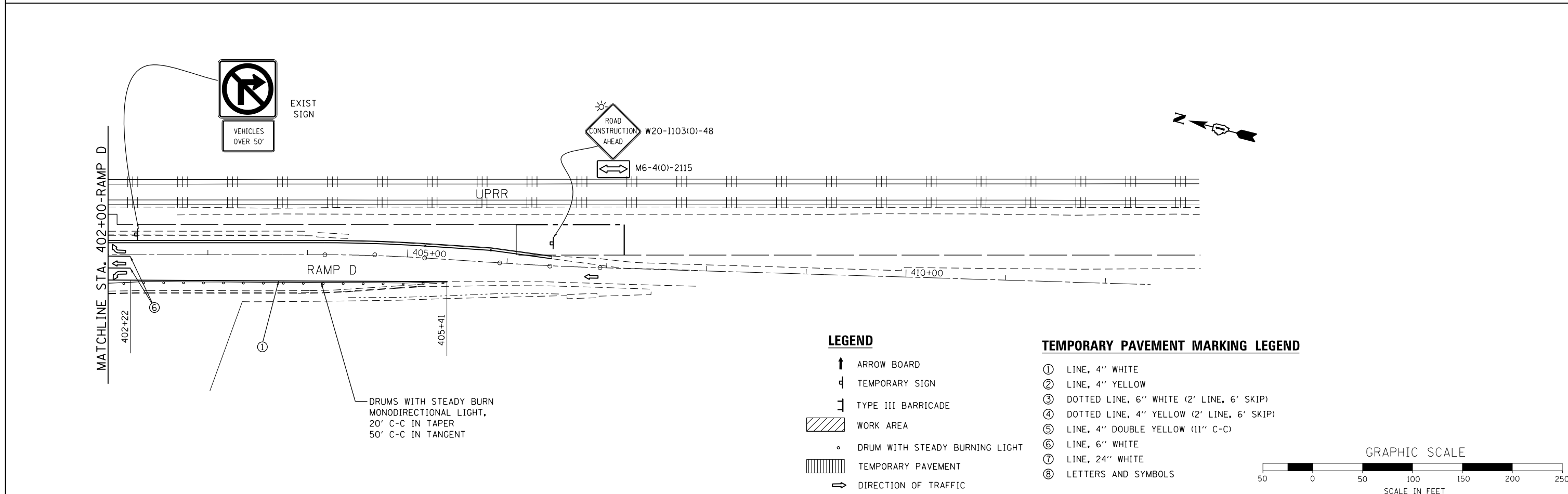
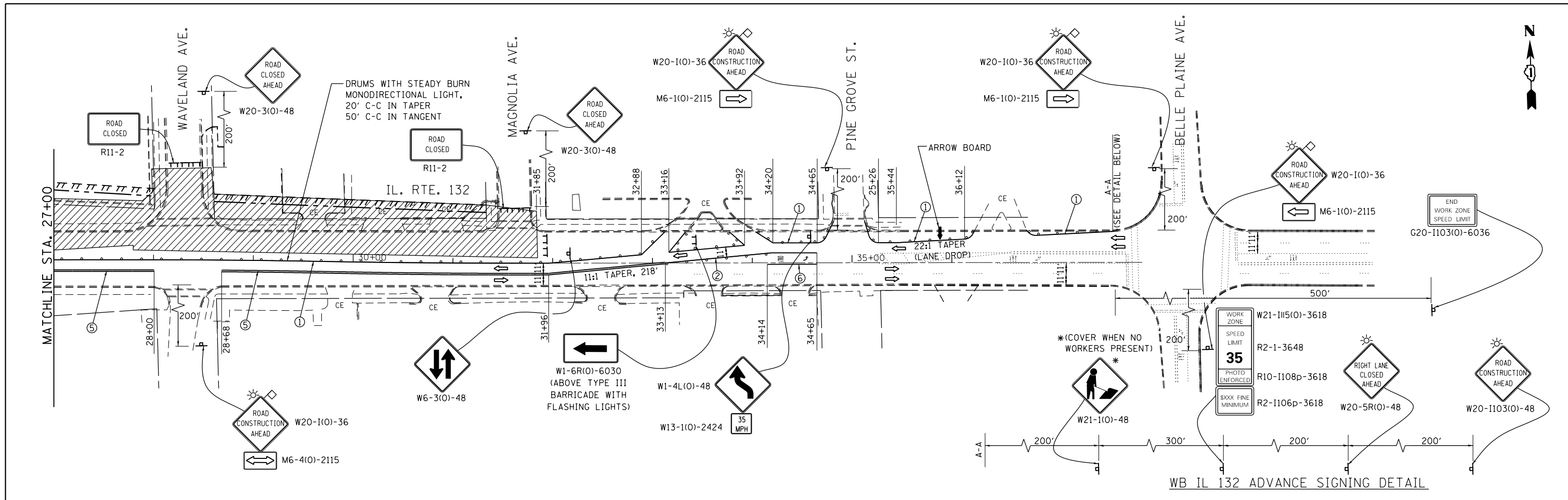
DESIGNED - JS  
 DRAWN - JS  
 CHECKED - BAP  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132  
 MAINTENANCE OF TRAFFIC (STAGE 3)**  
 SCALE: 1"=50'  
 SHEET NO. 12 OF 19 SHEETS  
 STA. 5+25 TO STA. 27+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	56
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				

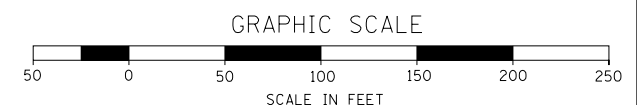


**LEGEND**

- ↑ ARROW BOARD
- ⊣ TEMPORARY SIGN
- ⊣ TYPE III BARRICADE
- ▨ WORK AREA
- DRUM WITH STEADY BURNING LIGHT
- ▤ TEMPORARY PAVEMENT
- ⇨ DIRECTION OF TRAFFIC

**TEMPORARY PAVEMENT MARKING LEGEND**

- ① LINE, 4" WHITE
- ② LINE, 4" YELLOW
- ③ DOTTED LINE, 6" WHITE (2' LINE, 6' SKIP)
- ④ DOTTED LINE, 4" YELLOW (2' LINE, 6' SKIP)
- ⑤ LINE, 4" DOUBLE YELLOW (11" C-C)
- ⑥ LINE, 6" WHITE
- ⑦ LINE, 24" WHITE
- ⑧ LETTERS AND SYMBOLS



	FILE NAME - ...\\D1.IL132_SHT_STAGE3.dgn USER NAME - aafitzpatrick	DESIGNED - JS DRAWN - JS	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 MAINTENANCE OF TRAFFIC (STAGE 3)</b>	F.A.P. RTE. 346	SECTION 125X-N&J-5B-B	COUNTY LAKE	TOTAL SHEETS 361	SHEET NO. 57
	PLOT SCALE = 100.0000' / 1"	CHECKED - BAP	DATE -			SCALE: 1"=50'	SHEET NO. 13 OF 19 SHEETS	STA. 27+00 TO STA. 36+00	CONTRACT NO. 60K80 ILLINOIS FED. AID PROJECT	

**LEGEND**

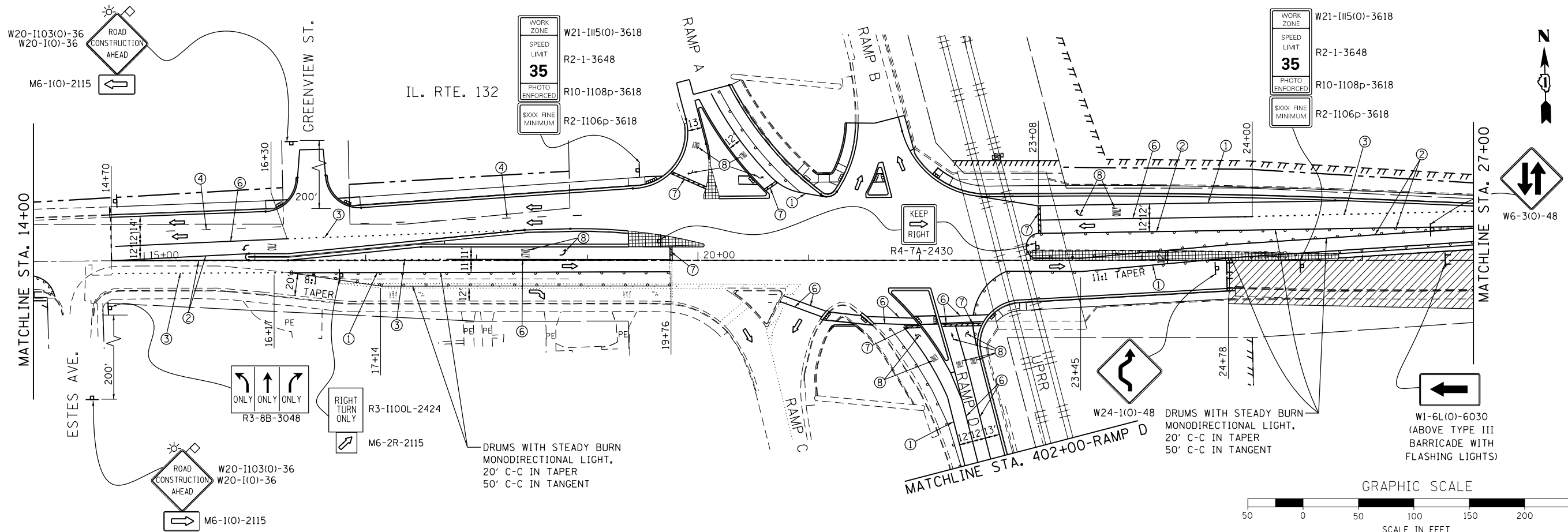
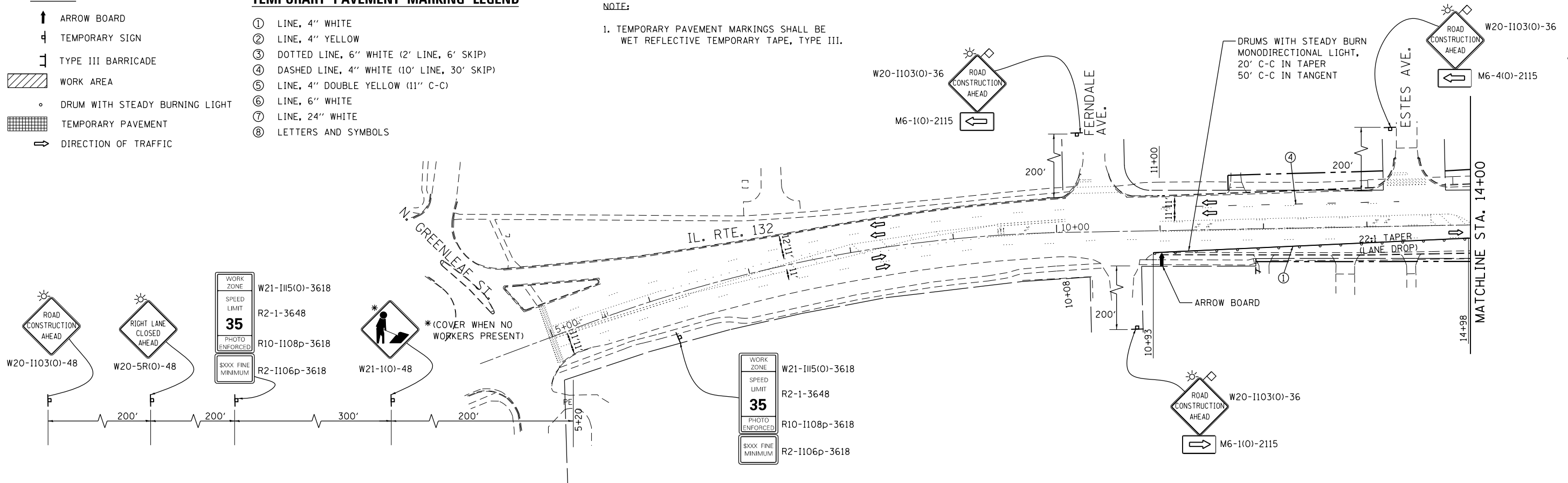
- ↑ ARROW BOARD
- ⊥ TEMPORARY SIGN
- ⊥ TYPE III BARRICADE
- ▨ WORK AREA
- DRUM WITH STEADY BURNING LIGHT
- ▤ TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC

**TEMPORARY PAVEMENT MARKING LEGEND**

- ① LINE, 4" WHITE
- ② LINE, 4" YELLOW
- ③ DOTTED LINE, 6" WHITE (2' LINE, 6' SKIP)
- ④ DASHED LINE, 4" WHITE (10' LINE, 30' SKIP)
- ⑤ LINE, 4" DOUBLE YELLOW (11" C-C)
- ⑥ LINE, 6" WHITE
- ⑦ LINE, 24" WHITE
- ⑧ LETTERS AND SYMBOLS

**NOTE:**

1. TEMPORARY PAVEMENT MARKINGS SHALL BE WET REFLECTIVE TEMPORARY TAPE, TYPE III.



FILE NAME = ...D1.IL132\_SHT.STAGE4.dgn  
**HOH** HARRY O. HEFTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/346-8313

USER NAME = aafitzpatrick  
 DESIGNED - JS  
 DRAWN - JS  
 CHECKED - BAP  
 DATE -  
 PLOT SCALE = 100.0000' / 1" / 1" / 1"  
 PLOT DATE = 10/7/2016

DESIGNED - JS  
 DRAWN - JS  
 CHECKED - BAP  
 DATE -

REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132  
 MAINTENANCE OF TRAFFIC (STAGE 4)**  
 SCALE: 1"=50'  
 SHEET NO. 14 OF 19 SHEETS  
 STA. 5+25 TO STA. 27+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	58
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				



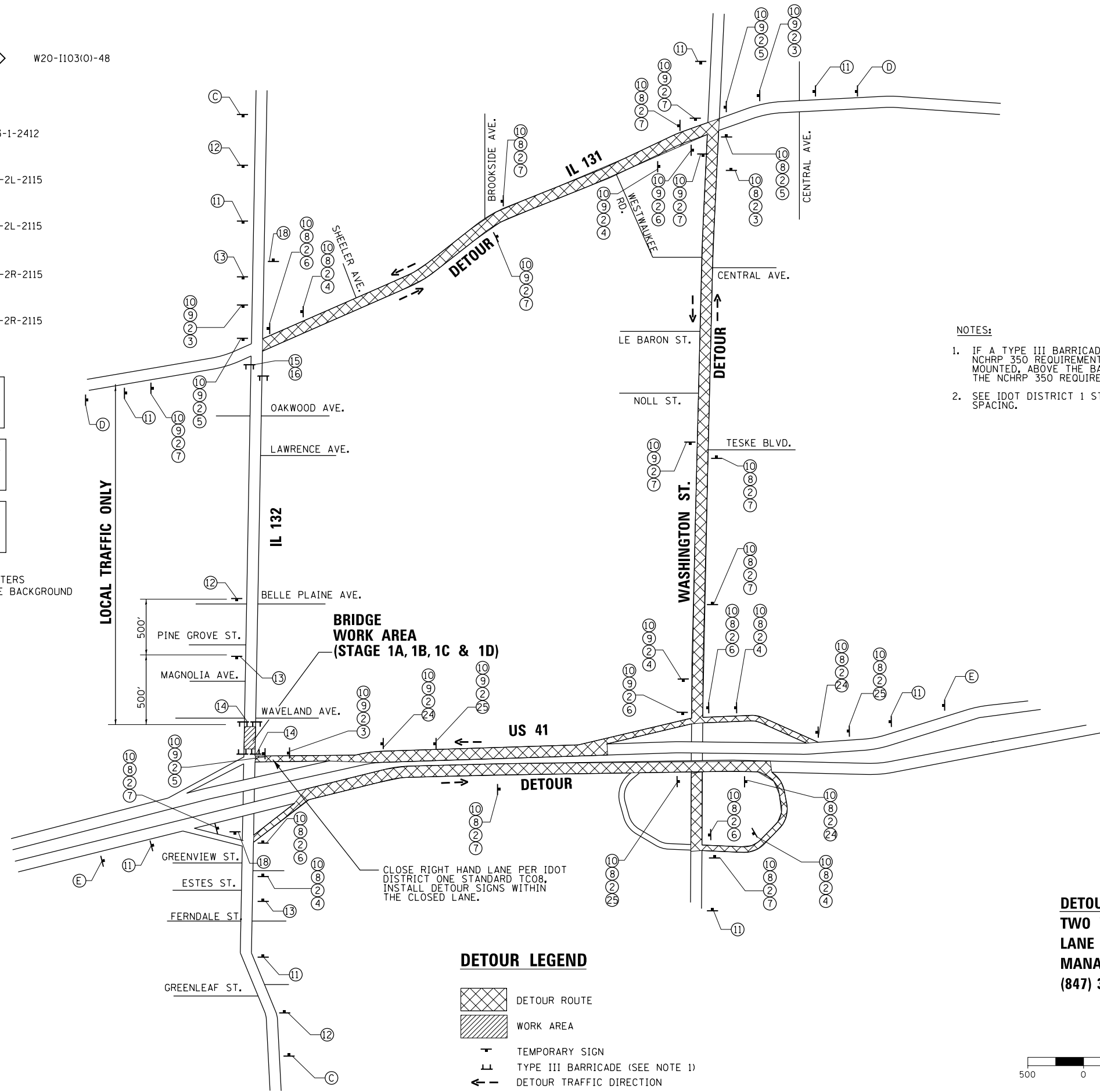


### SIGN LEGEND

- ① M1-40-2424
- ② M1-50-2424
- ③ M5-1L-2115
- ④ M5-1R-2115
- ⑤ M6-1-2115
- ⑥ M1-1-2115
- ⑦ M6-3-2115
- ⑧ M3-3-2412
- ⑨ M3-4-2115
- ⑩ M4-8-2115
- ⑪ W20-2-4848
- ⑫ W20-3-4848
- ⑬ W20-3-4848
- ⑭ R11-2-4830
- ⑮ R11-4-6030
- ⑯ M4-10L-4818
- ⑰ NOT USED
- ⑱ M4-8A-2418
- ⑲ M4-8A-2418
- ⑳ W20-1103(O)-48
- ㉑ M3-1-2412
- ㉒ M6-2L-2115
- ㉓ M5-2L-2115
- ㉔ M6-2R-2115
- ㉕ M5-2R-2115

- ① ILLINOIS 132 CLOSED AHEAD FOLLOW DETOUR
- ② WB ILLINOIS 132 CLOSED AHEAD FOLLOW DETOUR
- ③ EB ILLINOIS 132 CLOSED AHEAD FOLLOW DETOUR

TEMP. INFORMATION SIGNING-6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND (SEE STANDARD TC-22)



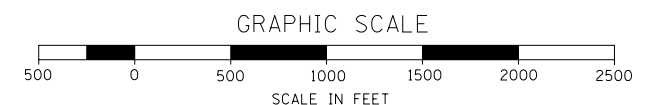
### NOTES:

1. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGN SUPPORTS THAT MEET THE NCHRP 350 REQUIREMENTS.
2. SEE IDOT DISTRICT 1 STD. TC-21 FOR TYPICAL DETOUR SIGN LAYOUT AND SPACING.

### DETOUR LEGEND

- DETOUR ROUTE
- WORK AREA
- TEMPORARY SIGN
- TYPE III BARRICADE (SEE NOTE 1)
- DETOUR TRAFFIC DIRECTION

**DETOUR NOTE:**  
TWO WEEKS PRIOR TO ANY DETOURS AND LANE CLOSURES, THE LAKE COUNTY TRAFFIC MANAGEMENT CENTER MUST BE NOTIFIED (847) 377-7000.



<b>HOH</b> 3366	FILE NAME = ...DI_IL132_SHT_DETOUR.dgn	USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 132 (STAGE 1C &amp; 1D) DETOUR ROUTE AND SIGNING</b>	F.A.P. RTE. 346	SECTION 125X-N&J-5B-B	COUNTY LAKE	TOTAL SHEETS 361	SHEET NO. 60
	HARRY O. HEFTER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 55 East Jackson Blvd., Suite 600 Chicago, Illinois 60604 312/246-8131	PLOT SCALE = 1000.0000' / in.	CHECKED - RSG	DATE - 12/10/14			REVISED -	SCALE: 1"=500'	SHEET NO. 16 OF 19 SHEETS	STA. TO STA.	CONTRACT NO. 60K80
	PLOT DATE = 10/7/2016								ILLINOIS FED. AID PROJECT		



**SIGN LEGEND**

- ① M1-40-2424
- ② M1-50-2424
- ③ M5-1L-2115
- ④ M5-1R-2115
- ⑤ M6-1-2115
- ⑥ M1-1-2115
- ⑦ M6-3-2115
- ⑧ M3-3-2412
- ⑨ M3-4-2115
- ⑩ M4-8-2115

- ⑳ ROAD CONSTRUCTION AHEAD
- ㉑ NORTH M3-1-2412
- ㉒ M5-2-2115
- ㉓ M6-2L-2115
- ㉔ M6-2R-2115
- ㉕ M5-2R-2115

- Ⓐ NB RAMP TO US 41 CLOSED AHEAD FOLLOW DETOUR
- Ⓒ ILLINOIS 132 CLOSED AHEAD FOLLOW DETOUR
- Ⓓ WB ILLINOIS 132 CLOSED AHEAD FOLLOW DETOUR
- Ⓔ EB ILLINOIS 132 CLOSED AHEAD FOLLOW DETOUR

TEMP. INFORMATION SIGNING-6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND (SEE STANDARD TC-22)

- ⑪ DETOUR AHEAD W20-2-4848
- ⑫ ROAD CLOSED AHEAD W20-3-4848
- ⑬ ROAD CLOSED 500 FT W20-3-4848

**DETOUR NOTE:**  
TWO WEEKS PRIOR TO ANY DETOURS AND LANE CLOSURES, THE LAKE COUNTY TRAFFIC MANAGEMENT CENTER MUST BE NOTIFIED (847) 377-7000.

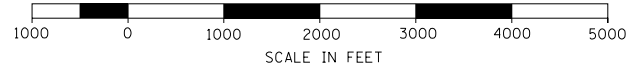
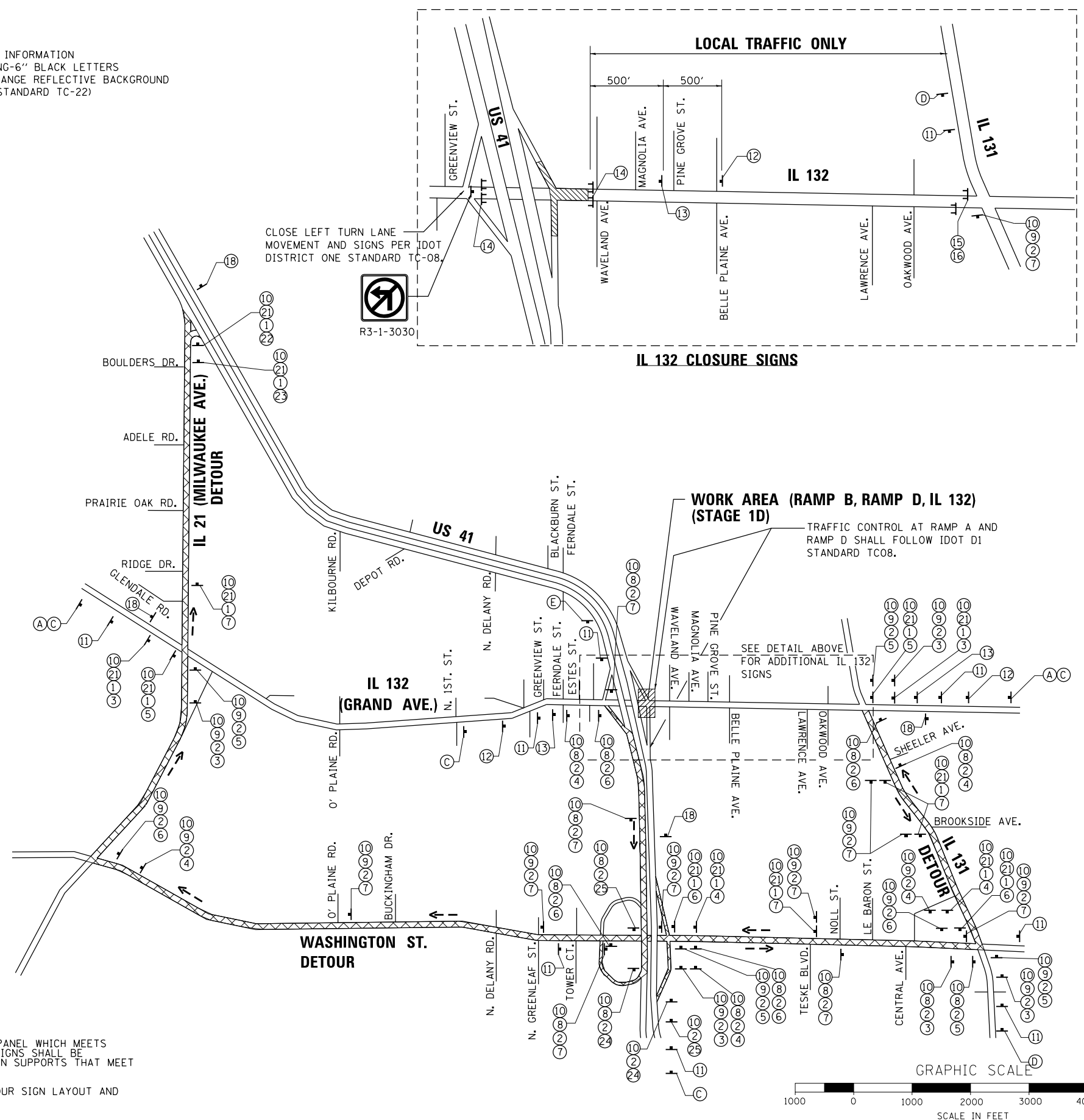
- ⑭ ROAD CLOSED R11-2-4830
- ⑮ ROAD CLOSED TO THRU TRAFFIC R11-4-6030
- ⑯ DETOUR M4-10L-4818
- ⑰ NOT USED
- ⑱ END DETOUR M4-8A-2418
- ⑲ EXIT CLOSED M4-8A-2418

**DETOUR LEGEND**

- DETOUR ROUTE
- WORK AREA
- TEMPORARY SIGN
- TYPE III BARRICADE (SEE NOTE 1)
- DETOUR TRAFFIC DIRECTION

**NOTES:**

- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES, ON SEPARATE SIGN SUPPORTS THAT MEET THE NCHRP 350 REQUIREMENTS.
- SEE IDOT DISTRICT 1 STD. TC-21 FOR TYPICAL DETOUR SIGN LAYOUT AND SPACING.



FILE NAME = ...DI\_IL132\_SHT\_DETOUR.dgn  
 HARRY O. HEFTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366  
 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/246-8131

USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -
PLOT SCALE = 2000.0000" / in.	DRAWN - AAF	REVISED -
PLOT DATE = 10/7/2016	CHECKED - RSG	REVISED -
	DATE -	REVISED -

DESIGNED - AAF	REVISED -
DRAWN - AAF	REVISED -
CHECKED - RSG	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

US 41 - RAMP B, RAMP D, IL 132 (STAGE 1D)  
DETOUR ROUTE AND SIGNING

SCALE: SHEET NO. 17 OF 19 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 125X-N&J-5B-B	COUNTY LAKE	TOTAL SHEETS 361	SHEET NO. 61
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				

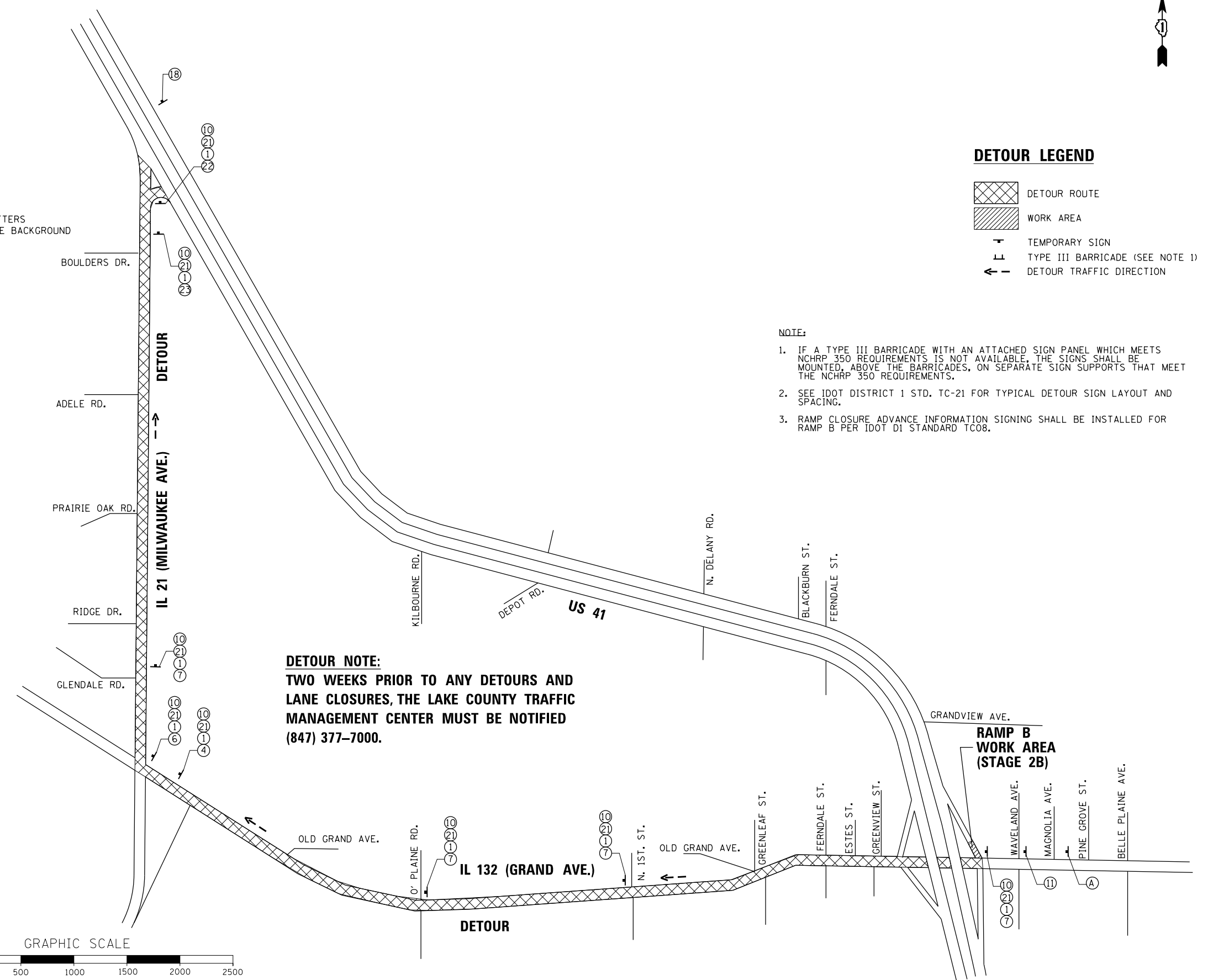
**SIGN LEGEND**

- ① M1-40-2424
- ② M1-50-2424
- ③ M5-1L-2115
- ④ M5-1R-2115
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- ⑬ W20-3-4848
- ⑭ R11-2-4830
- ⑮ R11-4-6030
- ⑯ M4-10L-4818
- ⑰ NOT USED
- ⑱ M4-8A-2418
- ⑲ M4-8A-2418

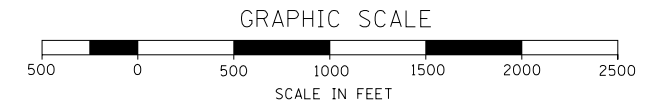
- ⑳ W20-1103(O)-48
- ㉑ M3-1-2412
- ㉒ M5-2-2115
- ㉓ M6-2L-2115
- Ⓐ TEMP. INFORMATION SIGNING-6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND (SEE STANDARD TC-22)

- DETOUR LEGEND**
- DETOUR ROUTE
  - WORK AREA
  - TEMPORARY SIGN
  - TYPE III BARRICADE (SEE NOTE 1)
  - DETOUR TRAFFIC DIRECTION

- NOTE:**
1. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGN SUPPORTS THAT MEET THE NCHRP 350 REQUIREMENTS.
  2. SEE IDOT DISTRICT 1 STD. TC-21 FOR TYPICAL DETOUR SIGN LAYOUT AND SPACING.
  3. RAMP CLOSURE ADVANCE INFORMATION SIGNING SHALL BE INSTALLED FOR RAMP B PER IDOT DISTRICT 1 STANDARD TC08.



**DETOUR NOTE:**  
 TWO WEEKS PRIOR TO ANY DETOURS AND LANE CLOSURES, THE LAKE COUNTY TRAFFIC MANAGEMENT CENTER MUST BE NOTIFIED (847) 377-7000.



FILE NAME = ...\\D1.IL132_SHT_DETOUR.dgn <b>HOH</b> HARRY O. HEFTER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 55 East Jackson Blvd., Suite 600 Chicago, Illinois 60604 312/246-8931	USER NAME = aafitzpatrick DESIGNED - AAF DRAWN - AAF CHECKED - RSG DATE -	REVISIONS REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>US 41 - RAMP B (STAGE 2B)</b> <b>DETOUR ROUTE AND SIGNING</b>	F.A.P. RTE. 346 SECTION 125X-N&J-5B-B COUNTY LAKE TOTAL SHEETS 361 SHEET NO. 62 CONTRACT NO. 60K80 ILLINOIS FED. AID PROJECT
PLOT SCALE = 1000.0000 "/> in. PLOT DATE = 10/7/2016			SCALE: 1"=500'    SHEET NO. 18 OF 19 SHEETS    STA.    TO STA.		

**SIGN LEGEND**

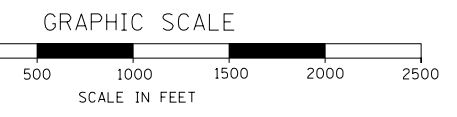
- ① M1-40-2424
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- ⑯ M4-10L-4818
- ⑰ NOT USED
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- ⑲ M4-8A-2418
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- ㉒ M5-2-2115
- ㉓ M6-2L-2115
- ㉔ M6-2R-2115
- ㉕ M5-2R-2115

ⓑ RAMP TO ILLINOIS 132 CLOSED AHEAD FOLLOW DETOUR  
 TEMP. INFORMATION SIGNING-6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND (SEE STANDARD TC-22)

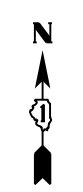
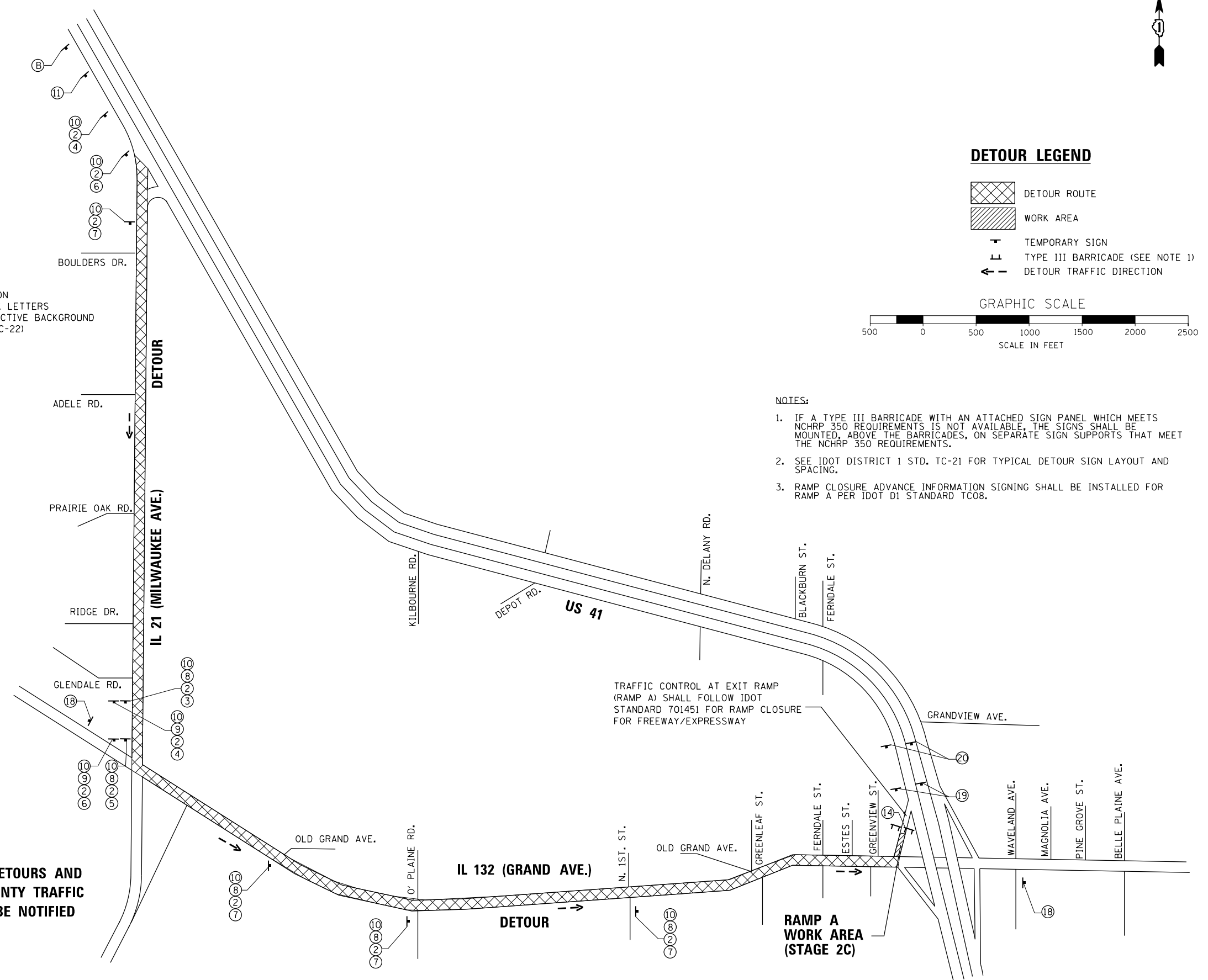
**DETOUR NOTE:**  
 TWO WEEKS PRIOR TO ANY DETOURS AND LANE CLOSURES, THE LAKE COUNTY TRAFFIC MANAGEMENT CENTER MUST BE NOTIFIED (847) 377-7000.

**DETOUR LEGEND**

- DETOUR ROUTE
- WORK AREA
- TEMPORARY SIGN
- TYPE III BARRICADE (SEE NOTE 1)
- DETOUR TRAFFIC DIRECTION



- NOTES:**
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES, ON SEPARATE SIGN SUPPORTS THAT MEET THE NCHRP 350 REQUIREMENTS.
  - SEE IDOT DISTRICT 1 STD. TC-21 FOR TYPICAL DETOUR SIGN LAYOUT AND SPACING.
  - RAMP CLOSURE ADVANCE INFORMATION SIGNING SHALL BE INSTALLED FOR RAMP A PER IDOT D1 STANDARD TC08.



FILE NAME = ...\\D1.IL132_SHT_DETOUR.dgn <b>HOH</b> HARRY O. HEFTER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 3366 55 East Jackson Blvd., Suite 600 Chicago, Illinois 60604 312/246-8131	USER NAME = aafitzpatrick DESIGNED - AAF DRAWN - AAF CHECKED - RSG DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>US 41 - RAMP A (STAGE 2C)</b> <b>DETOUR ROUTE AND SIGNING</b>	F.A.P. RTE. 346 SECTION 125X-N&J-5B-B COUNTY LAKE TOTAL SHEETS 361 SHEET NO. 63 CONTRACT NO. 60K80 ILLINOIS FED. AID PROJECT
PLOT SCALE = 1000.0000 "/>			SCALE: 1"=500' SHEET NO. 19 OF 19 SHEETS STA. TO STA.		

**STORM WATER POLLUTION PREVENTION PLAN**

1. THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.
2. THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.
3. CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.
4. THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER. THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.
5. SECTION 280, TEMPORARY EROSION CONTROL, OF THE STANDARD SPECIFICATIONS ADDITIONALLY SUPPLEMENTS THIS PLAN.

**SITE DESCRIPTION OF CONSTRUCTION ACTIVITY:**

1. THE PROJECT CONSISTS OF IL ROUTE 132 FROM FERNDALE AVE. TO MAGNOLIA AVE. AND US ROUTE 41 RAMPS.
2. CONSTRUCTION INCLUDES EARTH EXCAVATION, A RAILROAD BRIDGE, RETAINING WALLS, EMBANKMENT, STORM SEWERS, MANHOLES, INLETS, VARIOUS PAVEMENT ITEMS, TRAFFIC SIGNALS AND OTHER MISCELLANEOUS.

**DESCRIPTION OF INTENDED SEQUENCE FROM MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:**

1. MAIN DRAIN INSTALLATION ALONG IL 132.
2. ISOLATED TREE REMOVAL AS SHOWN ON THE PLANS. TREES TO REMAIN WILL BE PROTECTED AGAINST DAMAGE.
3. EXCAVATION AND EMBANKMENT WILL BE COMPLETED ALONG THE JOB SITE TO GRADE OUT FOR THE PROPOSED ROADWAY, BRIDGE AND DITCHES.
4. STORM SEWERS, MANHOLES, INLETS AND CULVERT EXTENSIONS.
5. PAVEMENT, CURB AND GUTTER, MEDIAN, SIDEWALK AND DRIVEWAY WORK.
6. FINAL GRADING, PAVING AND OTHER MISCELLANEOUS ITEMS.

**AREA OF CONSTRUCTION SITE:**

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 15.0 ACRES OF WHICH 12.0 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

**DEVELOPMENT OF TEMPORARY EROSION CONTROL SYSTEMS:**

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, SPECIFICATIONS AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

**DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:**

1. STORM SEWER OUTLETS TO GURNEE TRIBUTARY AT STATION 4+80 (GREENLEAF AVE.)

**CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL**

**DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:**

1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN POSITIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN ONE (1) DAY AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASES ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF FOURTEEN (14) OR MORE CALENDAR DAYS.
  - 1a. AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
  - 1b. DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER ALONG WITH REQUIRED TREE REMOVAL.
  - 1c. AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
  - 1d. BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AND RECEIVE EROSION CONTROL BLANKET AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.

- 1e. IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODIBLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED AND RECEIVE EROSION CONTROL BLANKET WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN FOURTEEN (14) DAYS.
- 1f. AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.

2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.

**DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:**

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED.
2. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEAN UP, AND DISTURBED TURF RESEEDED.

**MAINTENANCE AFTER CONSTRUCTION:**

CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY IDOT FINAL INSPECTION. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.

**MISCELLANEOUS:**

1. MAXIMUM SPACING BETWEEN THE TEMPORARY DITCH CHECK SHOULD BE SUCH THAT THE TOE OF THE UPSTREAM DITCH CHECK IS AT THE SAME ELEVATION AS THE TOP OF THE ROCK AT THE CENTER OF THE DOWNSTREAM DITCH CHECK; SEE FIGURE 41-3B OF CHAPTER 41 OF BDE MANUAL.
- TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE.
- STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE SILT WEDGES, OR ANY OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
- SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.
- ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

**DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:**

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
  - 1a. WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
  - 1b. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS. EARTH STOCKPILES SHALL NOT BE PLACED IN FLOODWAY OR FLOODPLAIN AREAS.
  - 1c. AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
    - 1c.i. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
    - 1c.ii. TEMPORARILY SEED ERODIBLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
    - 1c.iii. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
    - 1c.iv. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
    - 1c.v. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME PLACING PERMANENT EROSION CONTROL SUCH AS RIP RAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.
  - 1d. EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR 14 DAYS.
  - 1e. CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANTS IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAVING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
  - 1f. THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR AFTER EACH SIGNIFICANT SNOW MELT DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
  - 1g. SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE PAID FOR AS EARTH EXCAVATION.

- 1h. THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE LIMIT BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

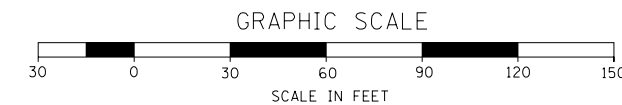
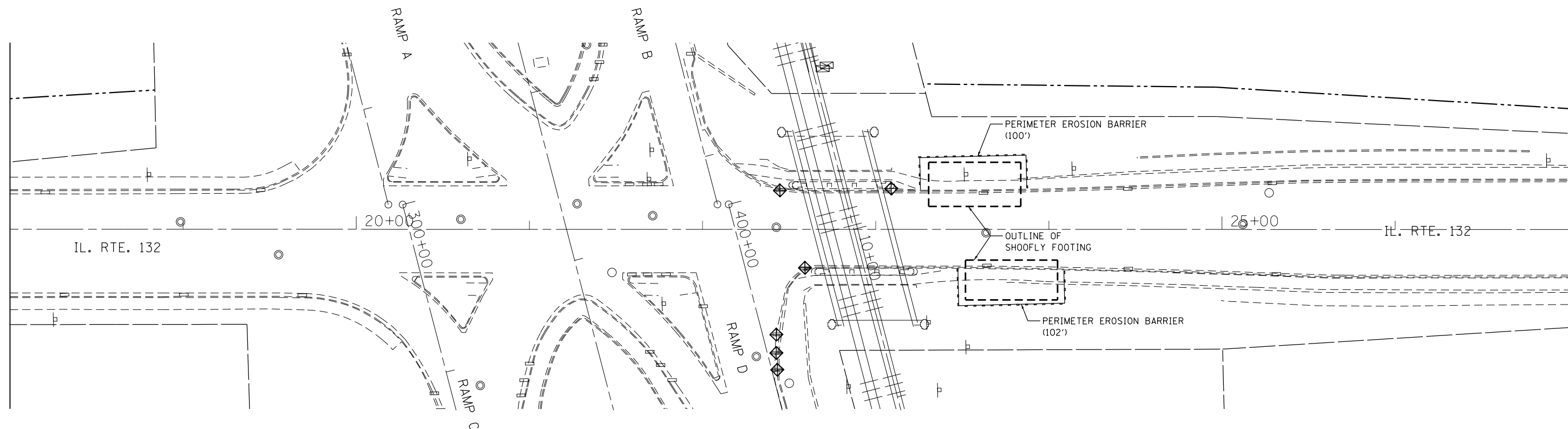
**GENERAL NOTES - SEDIMENT AND EROSION CONTROL REQUIREMENTS**

1. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES, WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.
2. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF THE MINIMUM REQUIREMENTS. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED AND ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, LAKE COUNTY STORMWATER COMMISSION APPROVED DESIGNATED EROSION CONTROL INSPECTOR, OR GOVERNING AGENCY.
3. 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.
4. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
5. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN ONE (1) DAY OF THE END OF HYDROLOGIC DISTURBANCE OR REDISTURBANCE, REGARDLESS OF WEATHER CONDITIONS OR PROGRESS OF WORK.
6. AREAS OF EMBANKMENT 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.
7. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
8. 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.
9. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE REPAIR.
10. 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.
11. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF LAKE COUNTY.
12. 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).
13. SILT FENCE USED IN IDOT JURISDICTION SHALL MEET MINIMUM AASHTO M288-00 STANDARDS.
14. THE USE OF HAY OR STRAW BALES SHALL NOT BE PERMITTED IN THE IMPLEMENTATION OF TEMPORARY DITCH CHECKS OR INLET AND PIPE PROTECTION.
15. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE USE (BWU) AREAS, PRIOR TO WORKING IN BWU AREAS. IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
16. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES-MAINTENANCE GUIDE: [HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENTAL/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environmental/erosion-and-sediment-control)
17. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
18. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOW MELT.
19. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
20. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
21. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
22. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

	FILE NAME - ...DI_IL132_SHT_ECNotes.dgn	DESIGNED - JS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	USER NAME - aafitzpatrick	DRAWN - JS	REVISED -			346	125X-N&J-5B-B	LAKE	361	64	
	PLOT SCALE = 2.0000' / 1" =	CHECKED - BAP	REVISED -	SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.		CONTRACT NO. 60K80		ILLINOIS FED. AID PROJECT			
	PLOT DATE 10/7/2016	DATE -	REVISED -								

**LEGEND**

- PERIMETER EROSION BARRIER
- ~ ROADWAY DITCH FLOW ARROW
- ◇ TEMPORARY DITCH CHECKS
- # EROSION CONTROL BLANKET
- ◻ TEMPORARY EROSION CONTROL SEEDING
- ◊ INLET PROTECTION



FILE NAME = ...\\D1.IL132_SHT.EROS-STAGE	Author NAME = aafitzpatrick	DESIGNED - AAF	REVISED -
<b>HOH</b> HARRY O. HEFTER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 3366	PLOT SCALE = 60.0000' / in.	DRAWN - AAF	REVISED -
55 East Jackson Blvd. Suite 600 Chicago, Illinois 60604 312/346-8131	PLOT DATE = 10/7/2016	CHECKED - BAP	REVISED -
		DATE - 12/10/2014	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

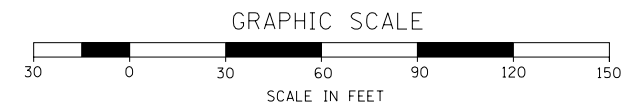
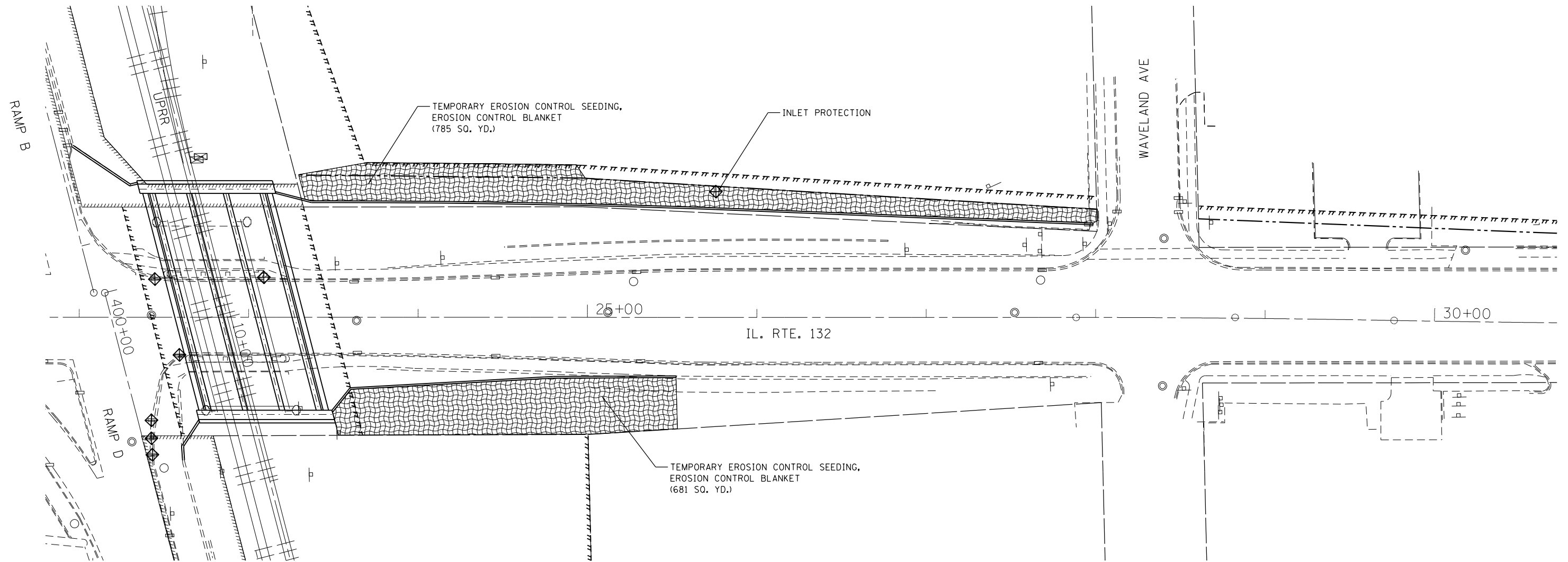
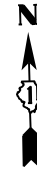
**IL ROUTE 132 /US ROUTE 41 RAMPS  
EROSION CONTROL (STAGE 1)**

SCALE: SHEET NO. 1 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	65
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				

**LEGEND**

- || PERIMETER EROSION BARRIER
- ~> ROADWAY DITCH FLOW ARROW
- ⊕ TEMPORARY DITCH CHECKS
- ▨ EROSION CONTROL BLANKET
- ⊞ TEMPORARY EROSION CONTROL SEEDING
- ⊕ INLET PROTECTION



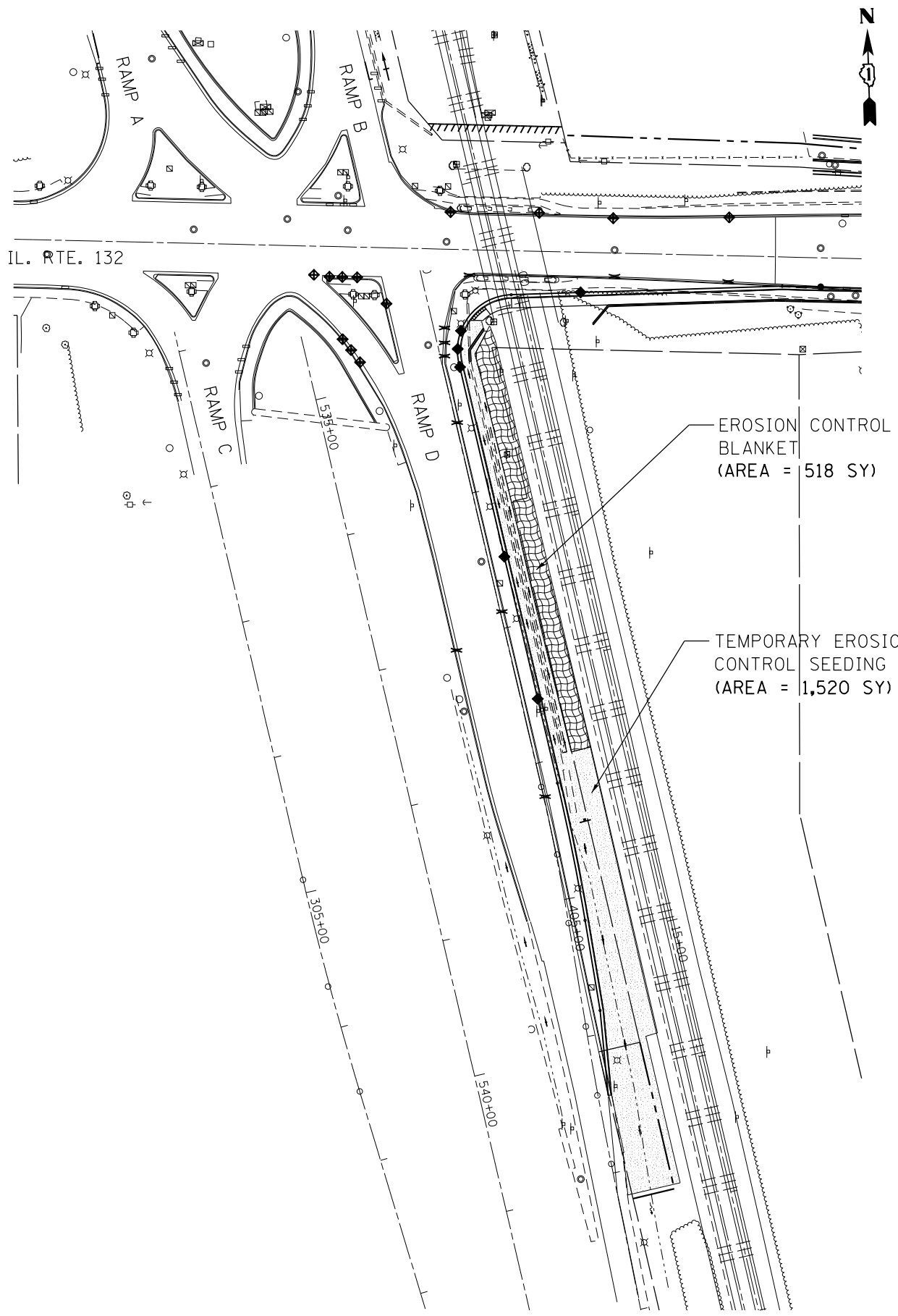
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<b>HOH</b> HARRY O. HEFTER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 3366 55 East Jackson Blvd. Suite 600 Chicago, Illinois 60604 312/346-8131	DRAWN - AAF	CHECKED - BAP	DATE - 12/10/2014
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

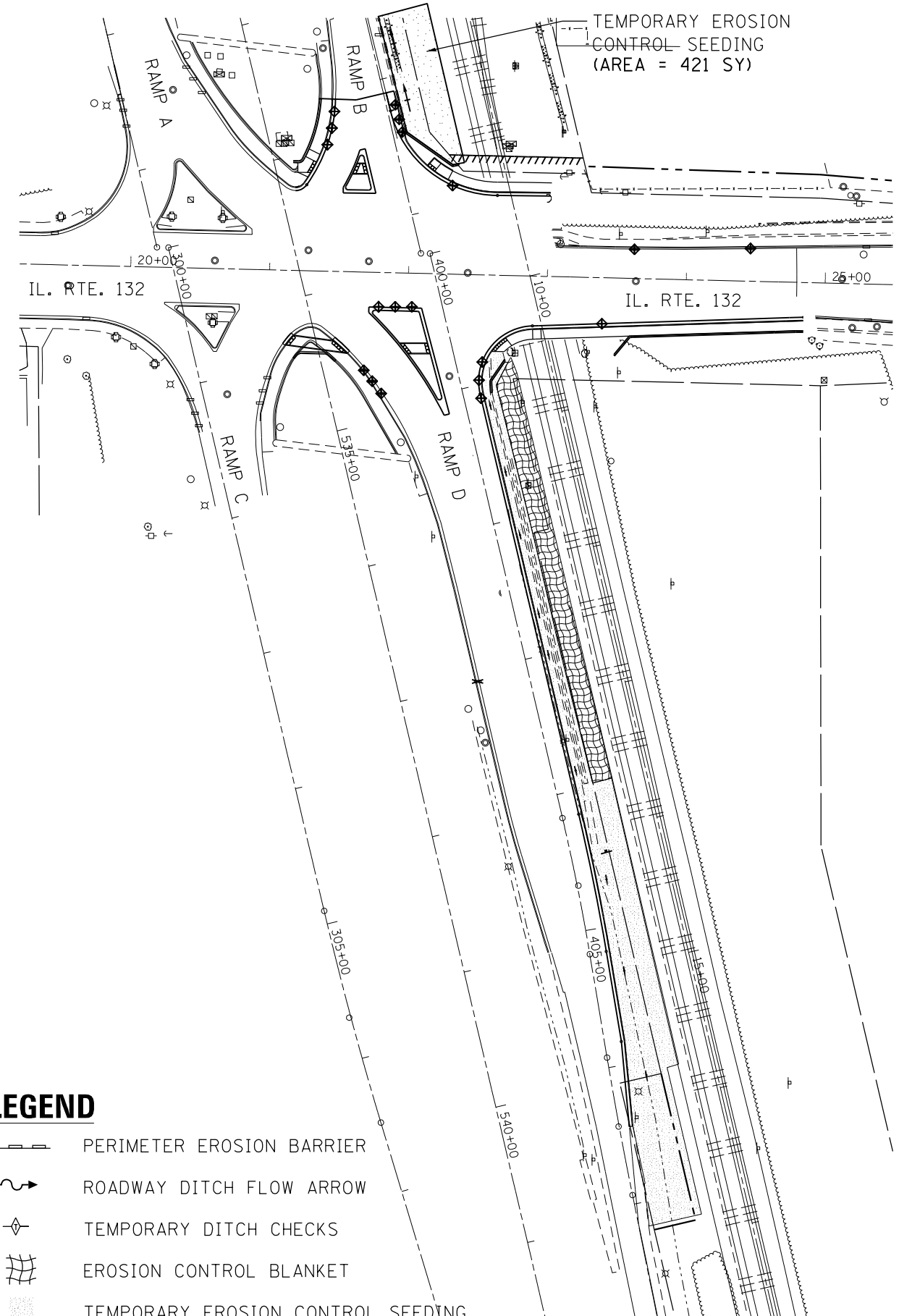
**IL ROUTE 132 /US ROUTE 41 RAMPS  
EROSION CONTROL - RETAINING WALLS (STAGE 1)**

SCALE: 1"=20'    SHEET NO. 2 OF 9 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				



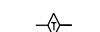





**STAGE 2A**



**STAGE 2B**

**LEGEND**

-  PERIMETER EROSION BARRIER
-  ROADWAY DITCH FLOW ARROW
-  TEMPORARY DITCH CHECKS
-  EROSION CONTROL BLANKET
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET PROTECTION

FILE NAME - ...\\D1.IL132\_SHT.EROS-STAGE  
**HOH** HARRY O. HEFTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/346-8931

DESIGNED - JS  
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 PLOT SCALE = 100.0000' / 1" / 11"  
 PLOT DATE = 10/7/2016

DESIGNED - JS  
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 CHECKED - BAP  
 DATE -

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 132 /US ROUTE 41 RAMPS  
 EROSION CONTROL (STAGE 2A & 2B)**

SCALE: 1"=50'

SHEET NO. 3 OF X SHEETS

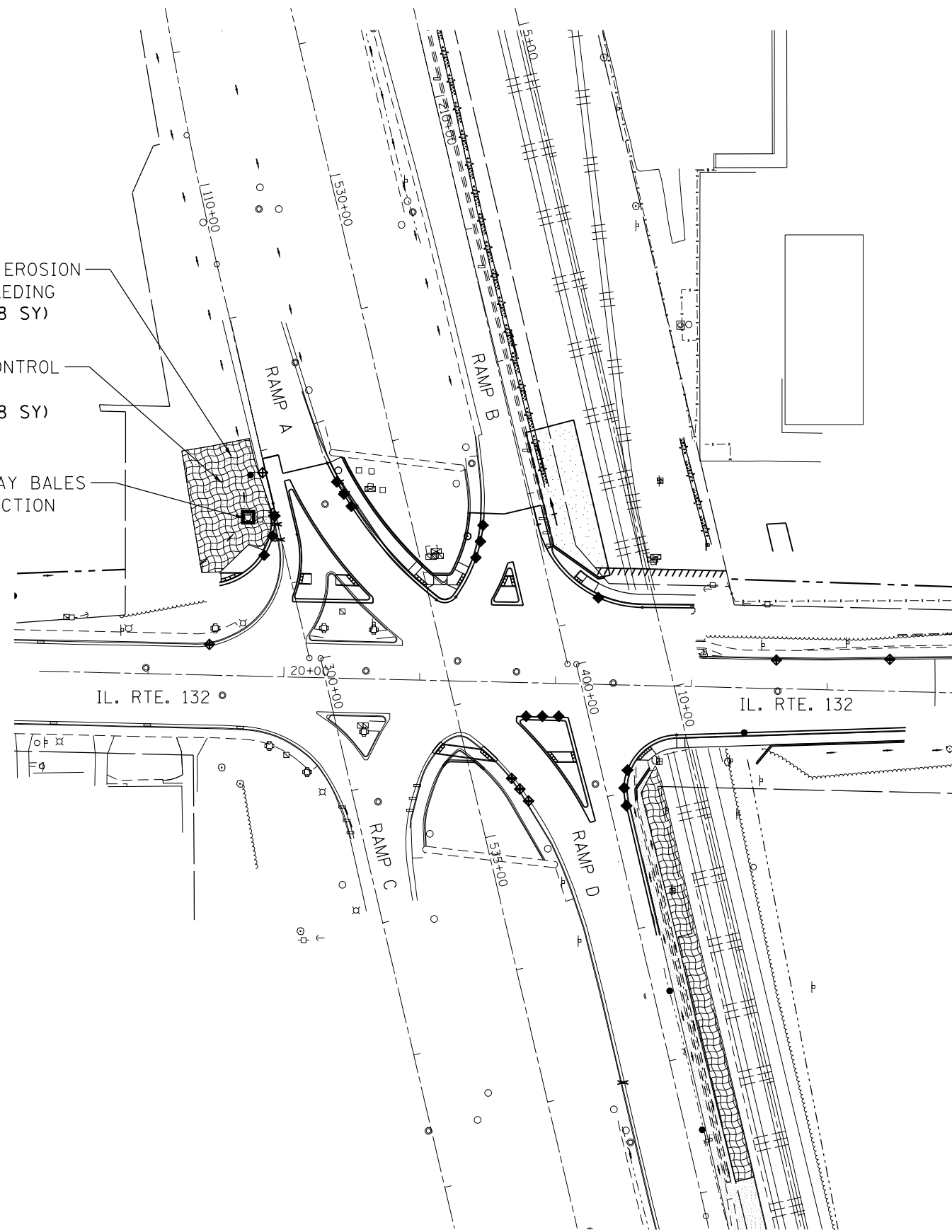
STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	67
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				

TEMPORARY EROSION CONTROL SEEDING (AREA = 508 SY)

EROSION CONTROL BLANKET (AREA = 508 SY)

STRAW OR HAY BALES INLET PROTECTION



**STAGE 2C**

**LEGEND**

- PERIMETER EROSION BARRIER
- ROADWAY DITCH FLOW ARROW
- ◇ TEMPORARY DITCH CHECKS
- ▨ EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING
- ◇ INLET PROTECTION

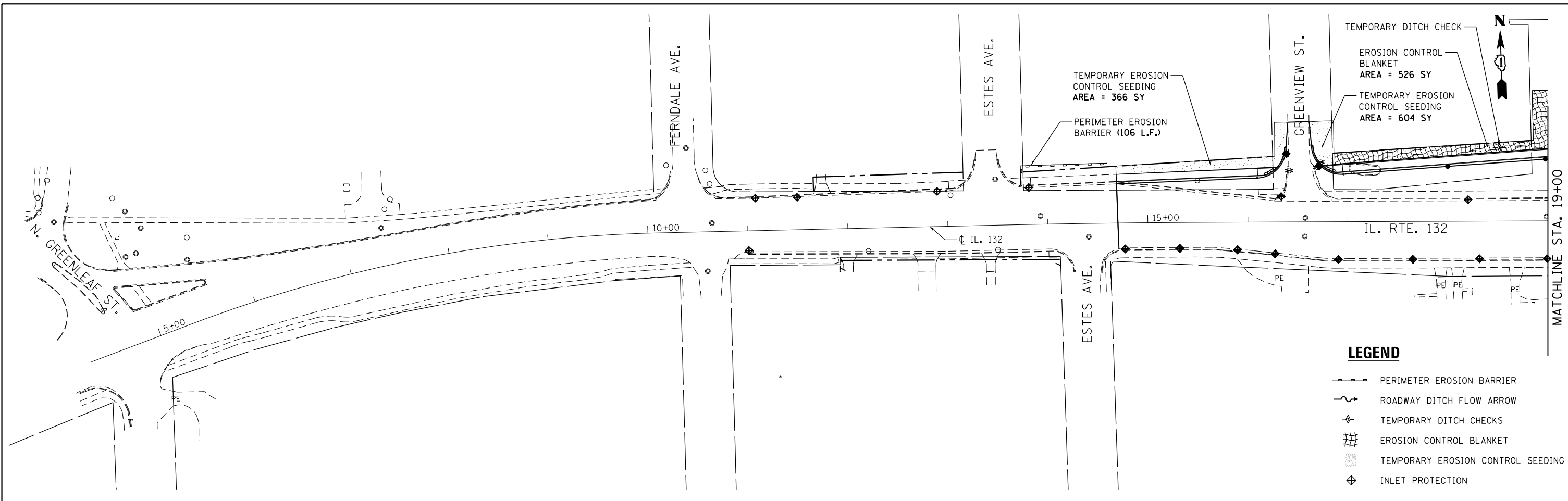
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	PLOT DATE = 10/7/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

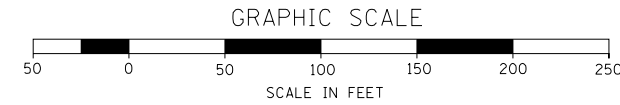
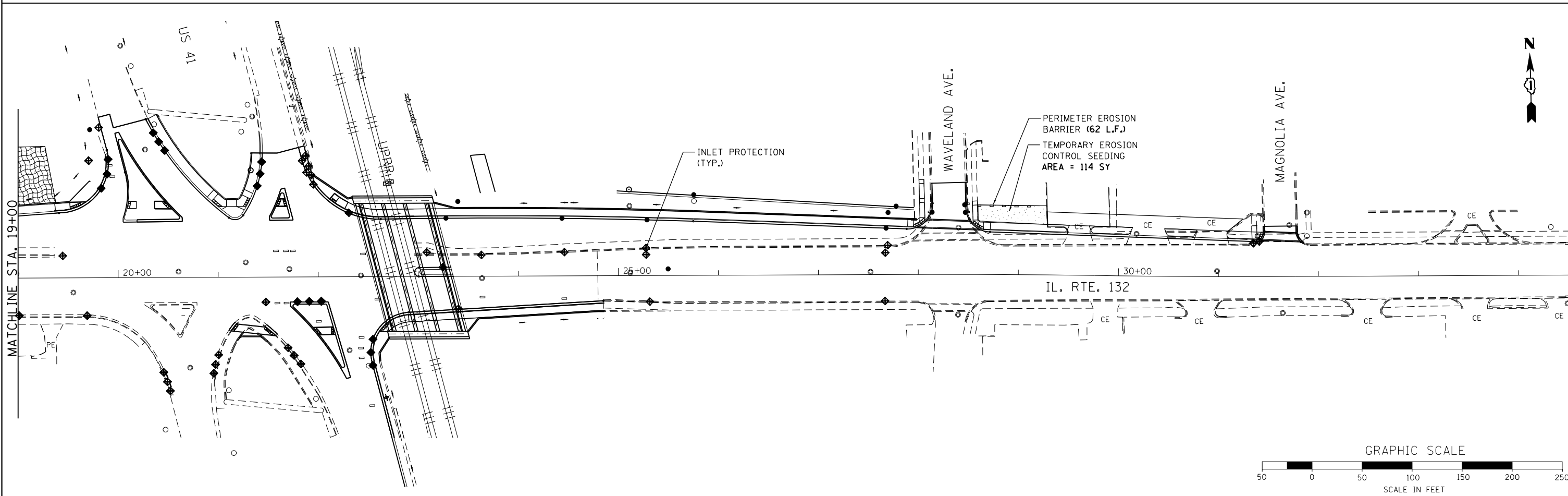
IL ROUTE 132 /US ROUTE 41 RAMPS EROSION CONTROL (STAGE 2C)	
SCALE: 1"=50'	SHEET NO. 4 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	68
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				





- LEGEND**
- PERIMETER EROSION BARRIER
  - ~ ROADWAY DITCH FLOW ARROW
  - ◆ TEMPORARY DITCH CHECKS
  - ▨ EROSION CONTROL BLANKET
  - ▩ TEMPORARY EROSION CONTROL SEEDING
  - ◆ INLET PROTECTION



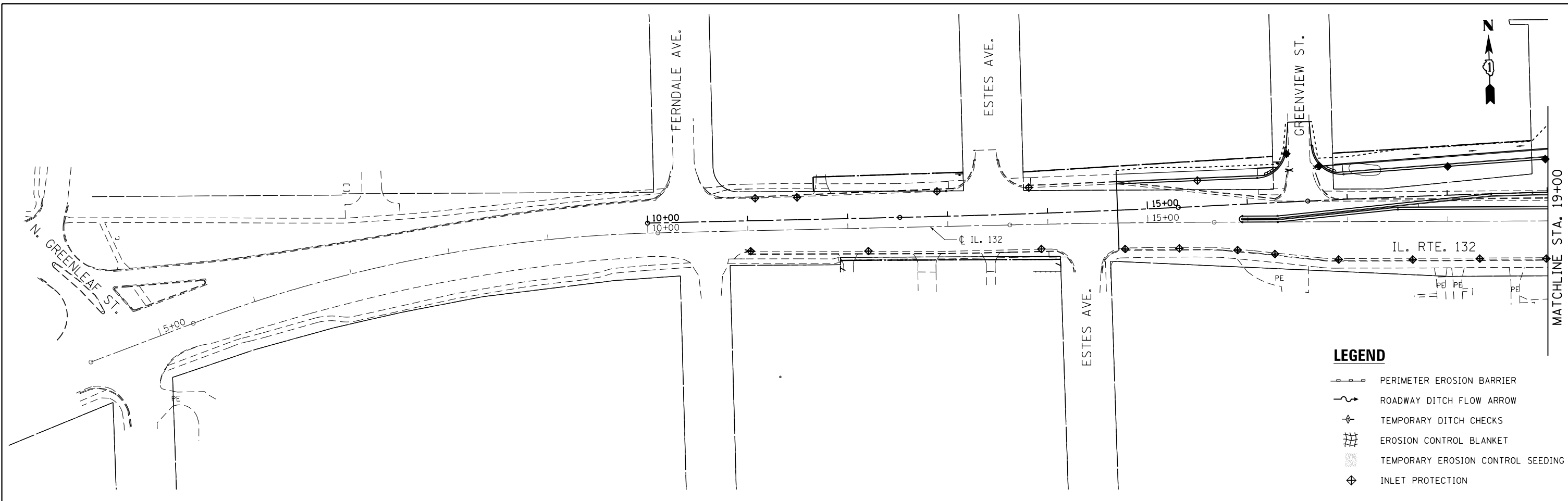
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55 East Jackson Blvd., Suite 600 Chicago, Illinois 60604 312/346-8131	PLOT DATE = 10/7/2016	CHECKED - BAP	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

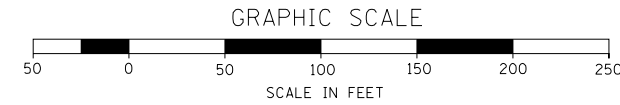
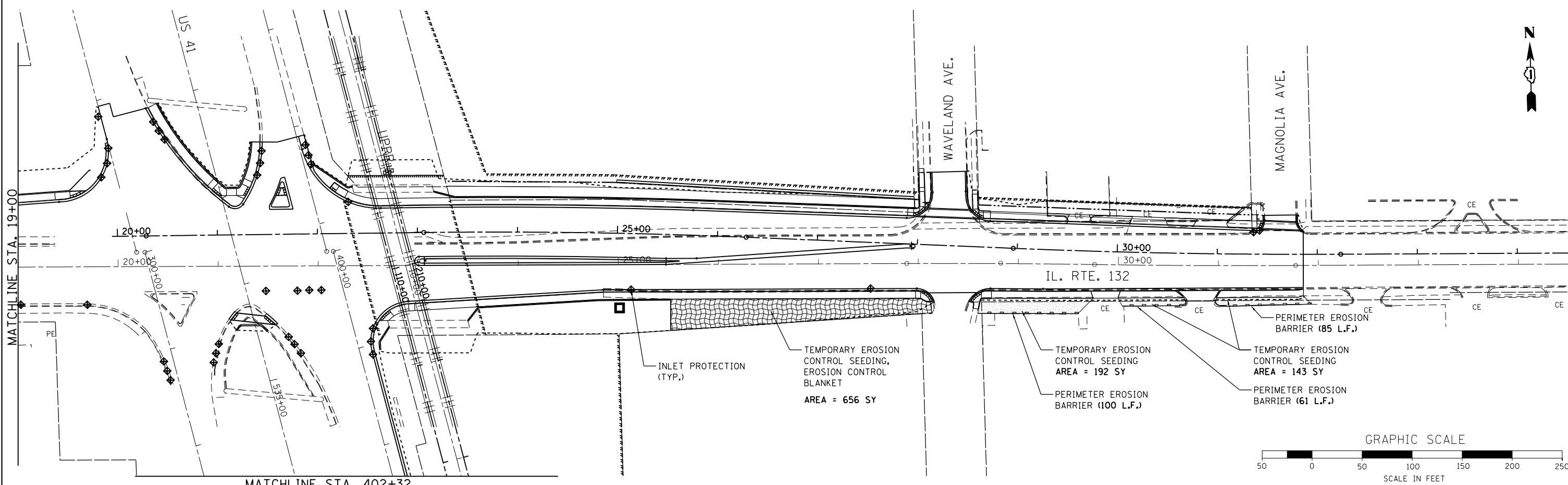
**ILLINOIS ROUTE 132  
EROSION CONTROL (STAGE 3)**

SCALE: 1"=50' SHEET NO. 5 OF 9 SHEETS STA. 4+25 TO STA. 36+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	69
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PERIMETER EROSION BARRIER
  - ROADWAY DITCH FLOW ARROW
  - TEMPORARY DITCH CHECKS
  - EROSION CONTROL BLANKET
  - TEMPORARY EROSION CONTROL SEEDING
  - INLET PROTECTION



FILE NAME - ...\\D1.IL132_SHT.EROS-STAGE	USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -
<b>HOH</b> HARRY O. HEFTER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 3366	PLOT SCALE = 100.0000' / 1" /	DRAWN - JAM	REVISED -
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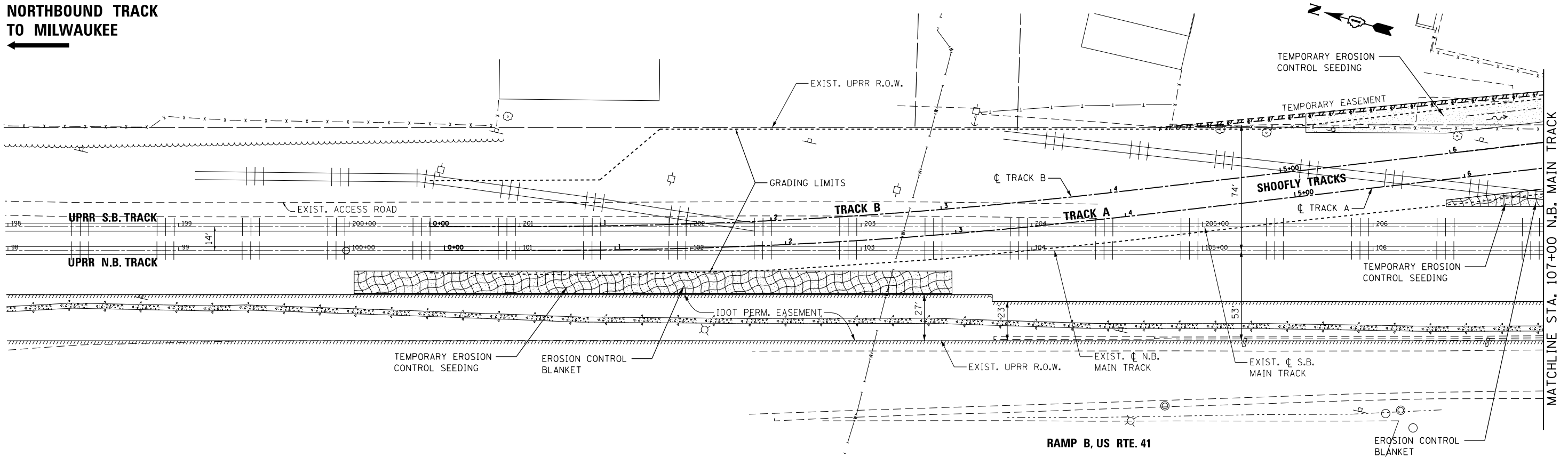
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132  
EROSION CONTROL (STAGE 4)**

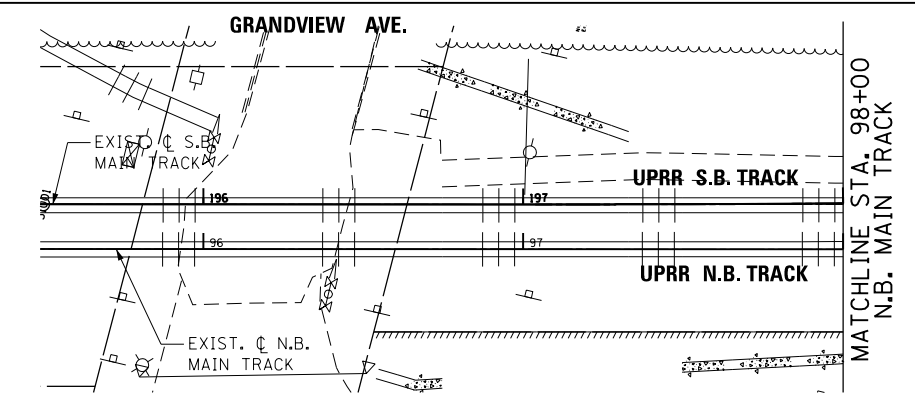
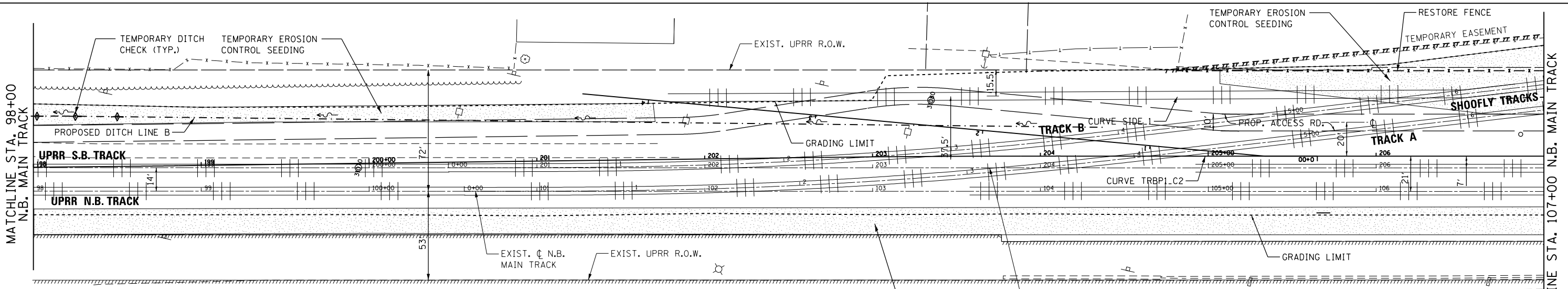
SCALE: 1"=50' SHEET NO. 6 OF 9 SHEETS STA. 4+25 TO STA. 36+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	125X-N&J-5B-B	LAKE	361	70
CONTRACT NO. 60K80				
ILLINOIS FED. AID PROJECT				

**NORTHBOUND TRACK  
TO MILWAUKEE**

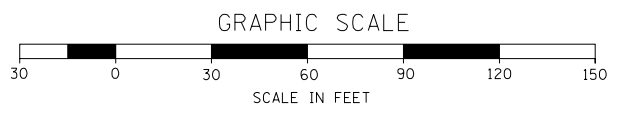


**SHOOFLY EROSION CONTROL PLAN**



- LEGEND**
- PERIMETER EROSION BARRIER
  - ROADWAY DITCH FLOW ARROW
  - TEMPORARY DITCH CHECKS
  - EROSION CONTROL BLANKET
  - TEMPORARY EROSION CONTROL SEEDING
  - INLET PROTECTION

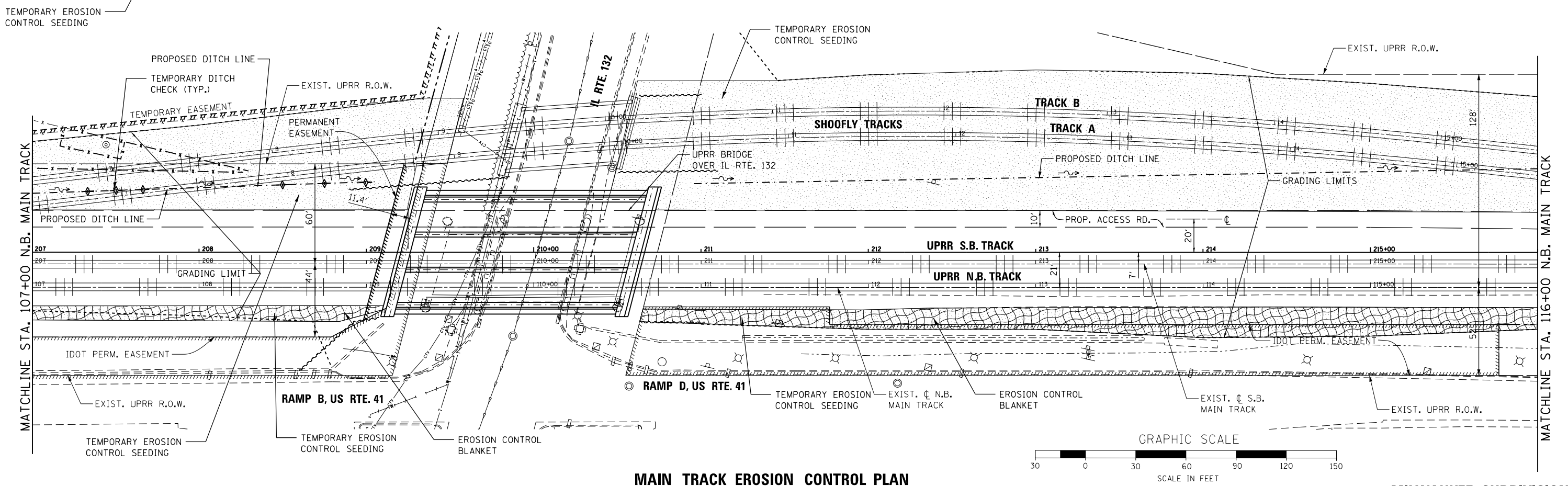
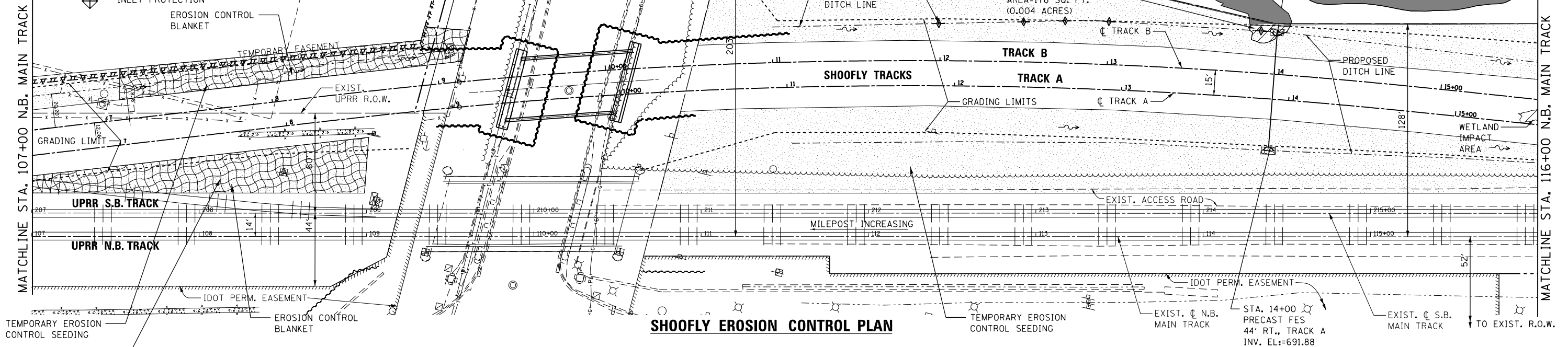
**MAIN TRACK EROSION CONTROL PLAN**



<p>HOH 3366 HARRY O. HETTER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 55 East Jackson Blvd., Suite 600 Chicago, Illinois 60604 312/246-8131</p>	FILE NAME = ...UPRR Erosion Control Plan USER NAME = aofitzpatrick	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UNION PACIFIC RAILROAD BRIDGE SHOOFLY AND MAIN TRACK EROSION CONTROL PLAN</b>	F.A.P. RTE. 346	SECTION 125X-N&J-SB-B	COUNTY LAKE	TOTAL SHEETS 361	SHEET NO. 71
	PLOT SCALE = 60.0150' / in. PLOT DATE = 10/7/2016		SCALE: 1"=30' SHEET NO. 7 OF 9 SHEETS STA. TO STA.			CONTRACT NO. 60K80		ILLINOIS FED. AID PROJECT		
	ILLINOIS FED. AID PROJECT									

**LEGEND**

- PERIMETER EROSION BARRIER
- ROADWAY DITCH FLOW ARROW
- TEMPORARY DITCH CHECKS
- EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING
- INLET PROTECTION



**MAIN TRACK EROSION CONTROL PLAN**

FILE NAME = ...UPRR Erosion Control Plan  
**HOH** HARRY O. HETTER ASSOCIATES, INC.  
 DESIGN AND CONSULTING ENGINEERS  
 3366 55 East Jackson Blvd., Suite 600  
 Chicago, Illinois 60604  
 312/746-8131

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -  
 PLOT SCALE = 60.0150" / in.  
 PLOT DATE = 10/7/2016

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

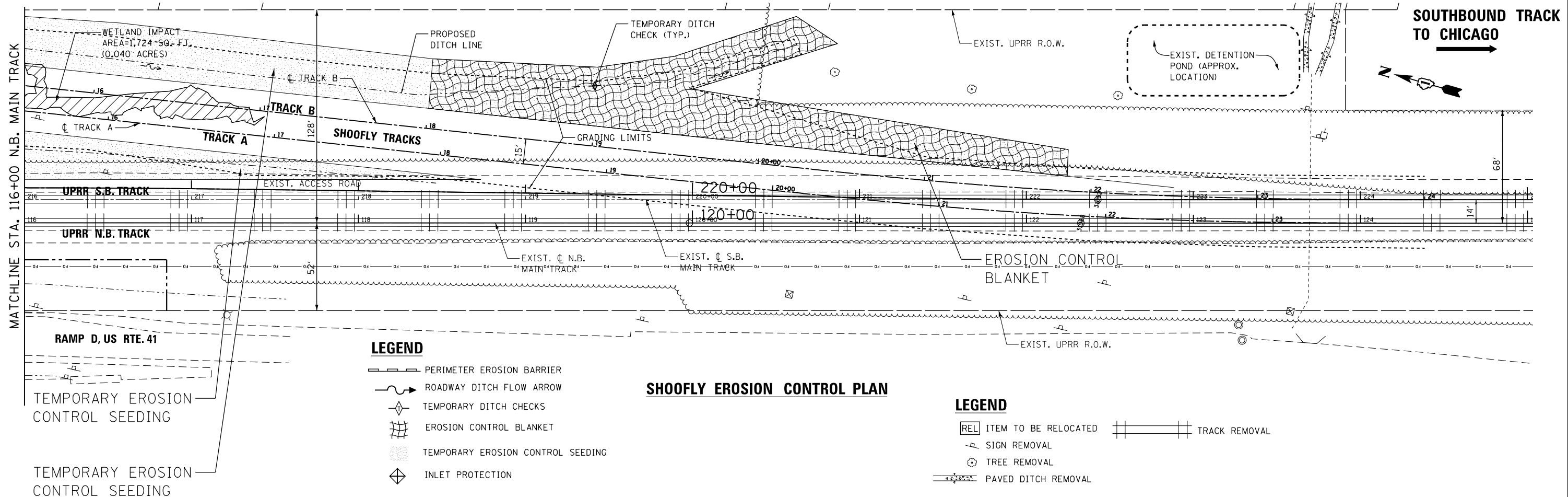
REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**UNION PACIFIC RAILROAD BRIDGE  
 SHOOFLY AND MAIN TRACK EROSION CONTROL PLAN**

SCALE: 1"=30' SHEET NO. 8 OF 9 SHEETS STA. TO STA.

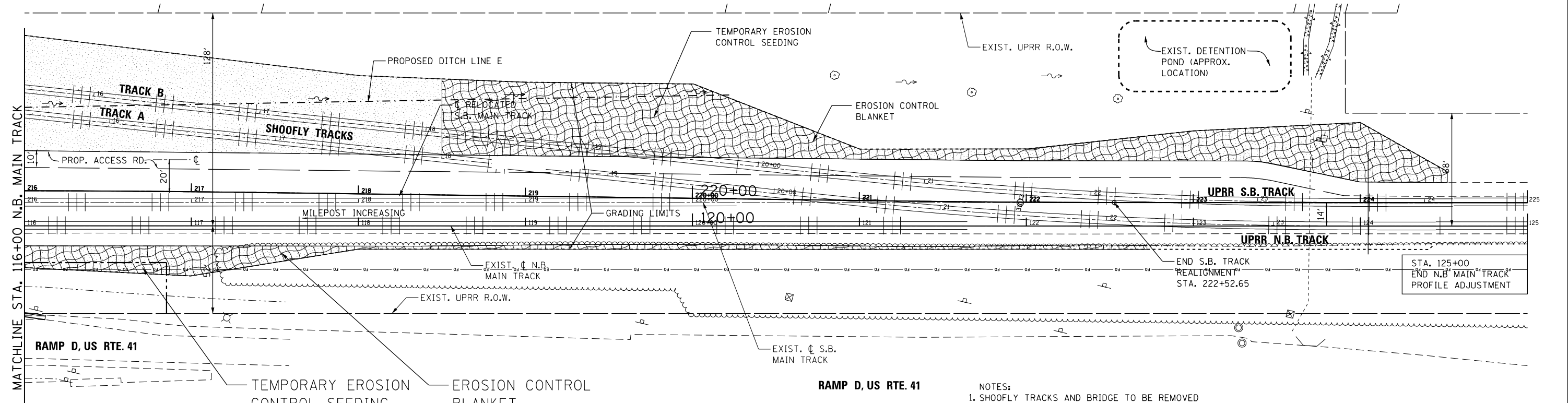
MILWAUKEE SUBDIVISION			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
346	125X-N&J-SB-B	LAKE	361
			SHEET NO. 72
CONTRACT NO. 60K80			
ILLINOIS FED. AID PROJECT			



- LEGEND**
- PERIMETER EROSION BARRIER
  - ROADWAY DITCH FLOW ARROW
  - TEMPORARY DITCH CHECKS
  - EROSION CONTROL BLANKET
  - TEMPORARY EROSION CONTROL SEEDING
  - INLET PROTECTION

**SHOOFLY EROSION CONTROL PLAN**

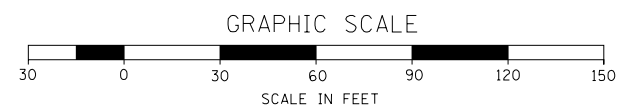
- LEGEND**
- REL ITEM TO BE RELOCATED
  - TRACK REMOVAL
  - SIGN REMOVAL
  - TREE REMOVAL
  - PAVED DITCH REMOVAL



- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING
  - EROSION CONTROL BLANKET

**MAIN TRACK EROSION CONTROL PLAN**

- NOTES:**
1. SHOOFLY TRACKS AND BRIDGE TO BE REMOVED WHEN MAINLINE BRIDGE AND TRACK CONSTRUCTION IS COMPLETE.
  2. COORDINATES FOR TRACK CURVE DATA WILL BE PROVIDED ON THE ALIGNMENT SHEETS ON THE FINAL SUBMITTAL.



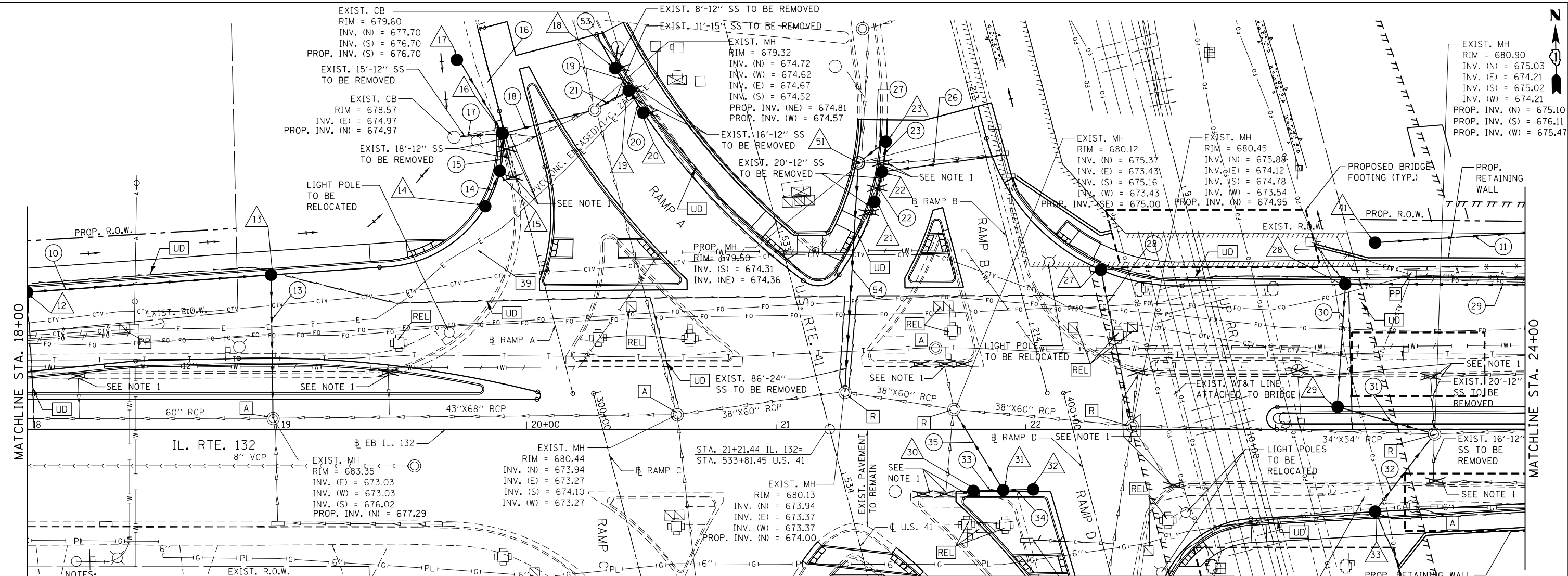
FILE NAME = ...UPRR Erosion Control Plan <b>HOH</b> HARRY O. HETTER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 55 East Jackson Blvd., Suite 600 Chicago, Illinois 60604 312/246-8131	DESIGNER NAME = aofitzpatrick DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>UNION PACIFIC RAILROAD BRIDGE</b> <b>SHOOFLY AND MAIN TRACK EROSION CONTROL PLAN</b>	F.A.P. RTE. 346 SECTION 125X-N&J-SB-B COUNTY LAKE TOTAL SHEETS 361 SHEET NO. 73 CONTRACT NO. 60K80	SCALE: 1"=30' SHEET NO. 9 OF 9 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT
	PLOT SCALE = 60.0150' / in. PLOT DATE = 10/7/2016	DATE -					





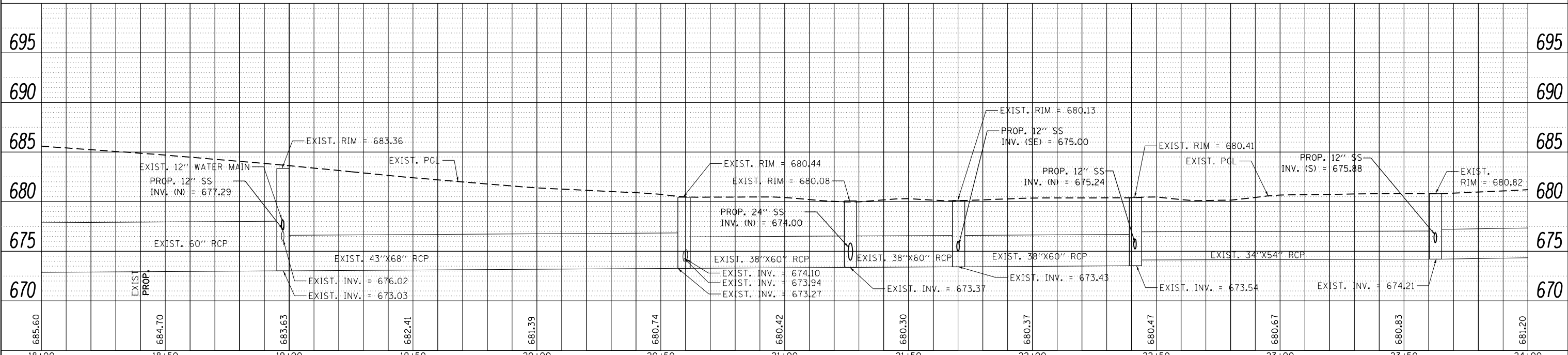
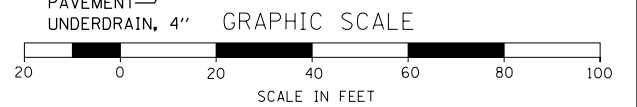
DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	DESIGNED
	FILE NAME
	NO.

DATE	
BY	
PROFILE	SURVEYED
	GRADES
	CHECKED
	STRUCTURE
	NOTATIONS
	CHP40
	NO.



- NOTES:
- EXIST. STORM SEWER TO BE PLUGGED. SEE IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION SECTION 550.05.
  - PIPE UNDERDRAINS TYPE 2 SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED 6" BELOW THE SUBGRADE OR UNDERCUT. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.

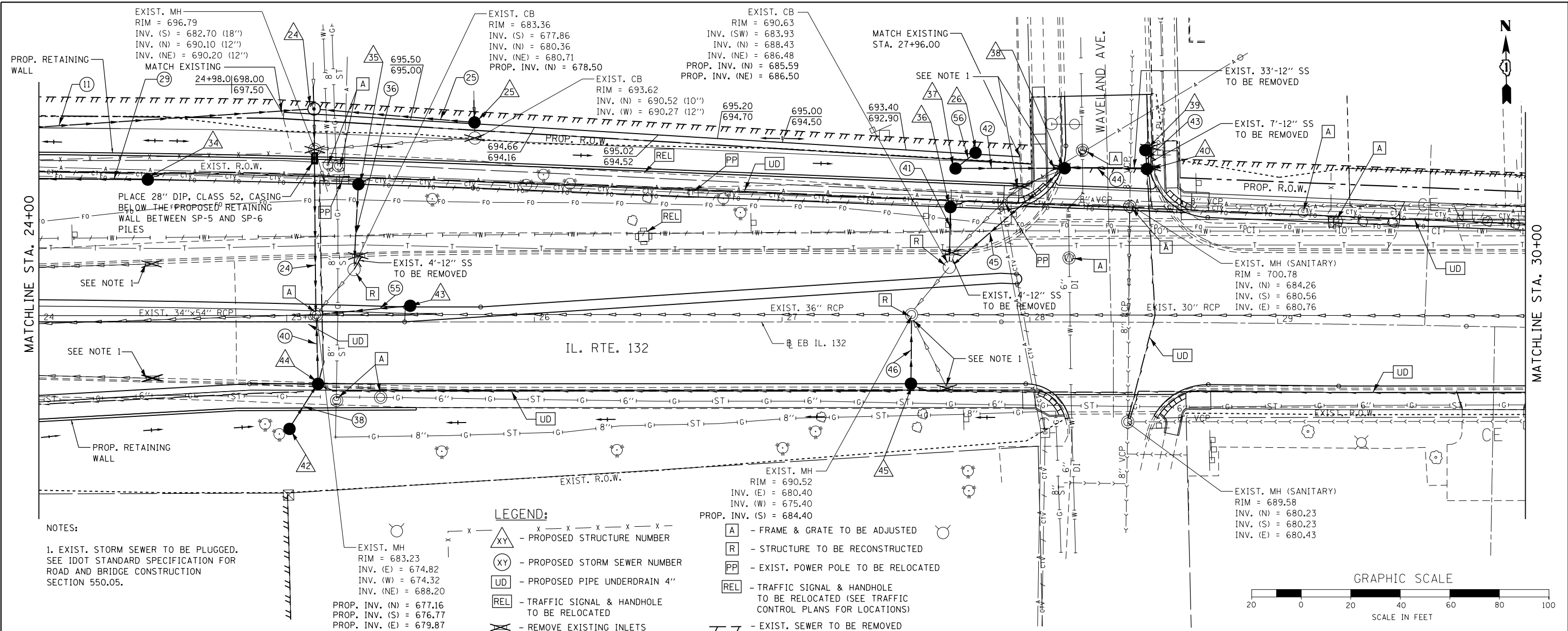
MATCHLINE STA. 400+75  
SEE SHEET DR07 FOR CONTINUATION



FILE NAME: ... \D1_IL132_SHT_DRAIN4.dgn	USER NAME: aafitzpatrick	DESIGNED: - JS	REVISED: -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132</b> <b>DRAINAGE AND UTILITY PLAN AND PROFILE</b>	F.A.P. RTE. 346	SECTION 125X-N&J-5B-B	COUNTY LAKE	TOTAL SHEETS 361	SHEET NO. 75
3366	PLOT SCALE = 48.0000' / in.	CHECKED: - BAP	REVISED: -			SCALE: 1"=20' (H) 1"=5' (V)	SHEET NO. 4 OF 8 SHEETS	STA. 18+00 TO STA. 24+00	CONTRACT NO. 60K80	
	PLOT DATE: 10/7/2016	DATE: -	REVISED: -			ILLINOIS FED. AID PROJECT				
						DR04				

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
FILE NAME	

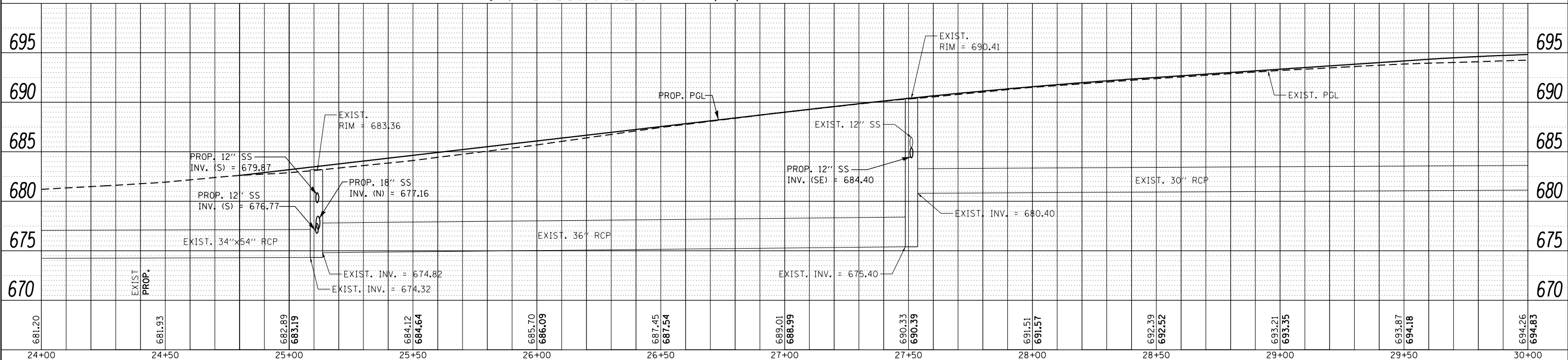
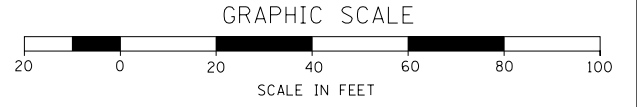
DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
FILE NAME	



NOTES:  
1. EXIST. STORM SEWER TO BE PLUGGED. SEE IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION SECTION 550.05.

**LEGEND:**

- XY - PROPOSED STRUCTURE NUMBER
- XY - PROPOSED STORM SEWER NUMBER
- UD - PROPOSED PIPE UNDERDRAIN 4"
- REL - TRAFFIC SIGNAL & HANDHOLE TO BE RELOCATED
- X - REMOVE EXISTING INLETS
- A - FRAME & GRATE TO BE ADJUSTED
- R - STRUCTURE TO BE RECONSTRUCTED
- PP - EXIST. POWER POLE TO BE RELOCATED
- REL - TRAFFIC SIGNAL & HANDHOLE TO BE RELOCATED (SEE TRAFFIC CONTROL PLANS FOR LOCATIONS)
- - EXIST. SEWER TO BE REMOVED

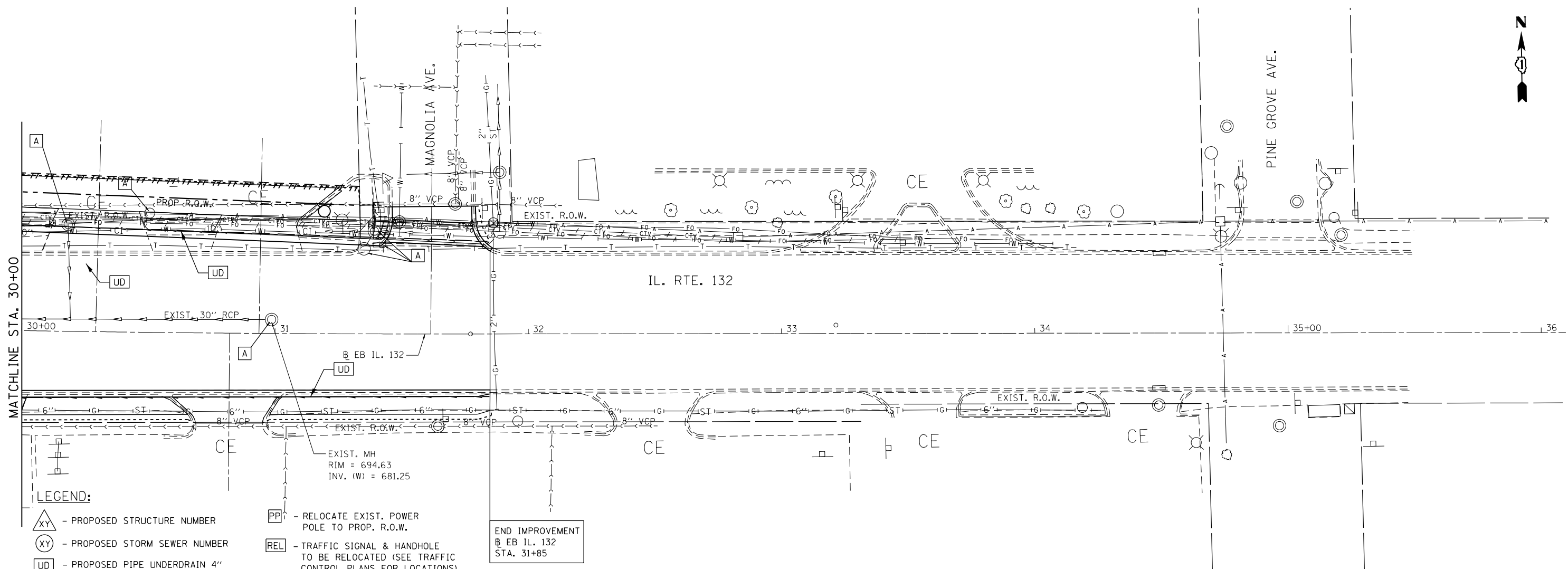


FILE NAME: ... \DI_IL132_SHT_DRAIN5.dgn	USER NAME: aafitzpatrick	DESIGNED: - JS	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 DRAINAGE AND UTILITY PLAN AND PROFILE</b>	F.A.P. RTE. 346	SECTION 125X-N&J-5B-B	COUNTY LAKE	TOTAL SHEETS 361	SHEET NO. 76	
3366	PLOT SCALE = 48.0000' / in.	CHECKED: - BAP	REVISED: -			SCALE: 1"=20' (H) 1"=5' (V)	SHEET NO. 6 OF 8 SHEETS	STA. 24+00 TO STA. 30+00	CONTRACT NO. 60K80		
	PLOT DATE: 10/7/2016	DATE: -	REVISED: -			ILLINOIS FED. AID PROJECT					
						DR05					



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

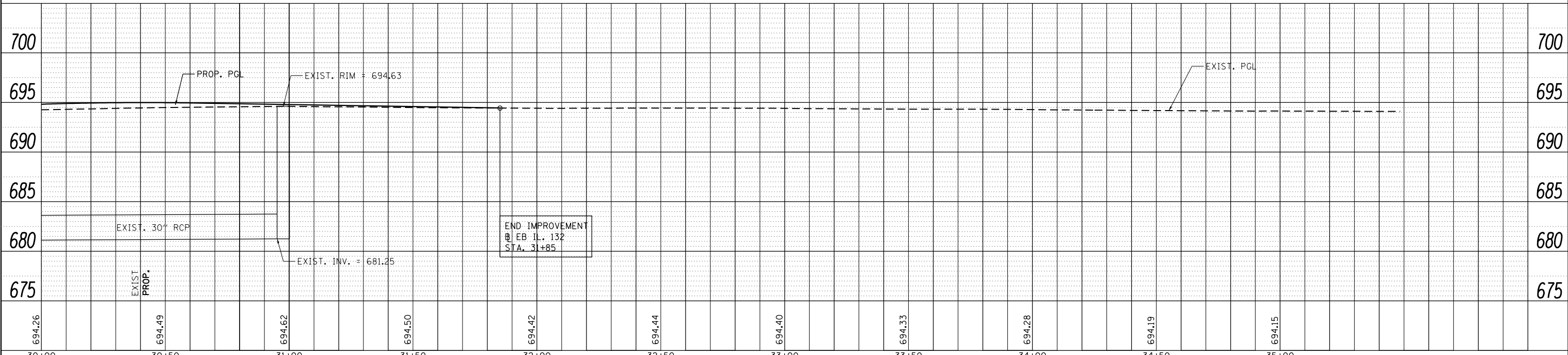
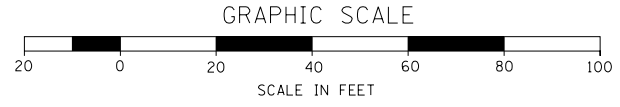


**LEGEND:**

- PROPOSED STRUCTURE NUMBER
- PROPOSED STORM SEWER NUMBER
- PROPOSED PIPE UNDERDRAIN 4"
- REMOVE EXISTING INLETS
- FRAME & GRATE TO BE ADJUSTED
- STRUCTURE TO BE RECONSTRUCTED
- RELOCATE EXIST. POWER POLE TO PROP. R.O.W.
- TRAFFIC SIGNAL & HANDHOLE TO BE RELOCATED (SEE TRAFFIC CONTROL PLANS FOR LOCATIONS)
- EXIST. SEWER TO BE REMOVED

END IMPROVEMENT  
EB IL. 132  
STA. 31+85

NOTE:  
1. EXIST. STORM SEWER TO BE PLUGGED

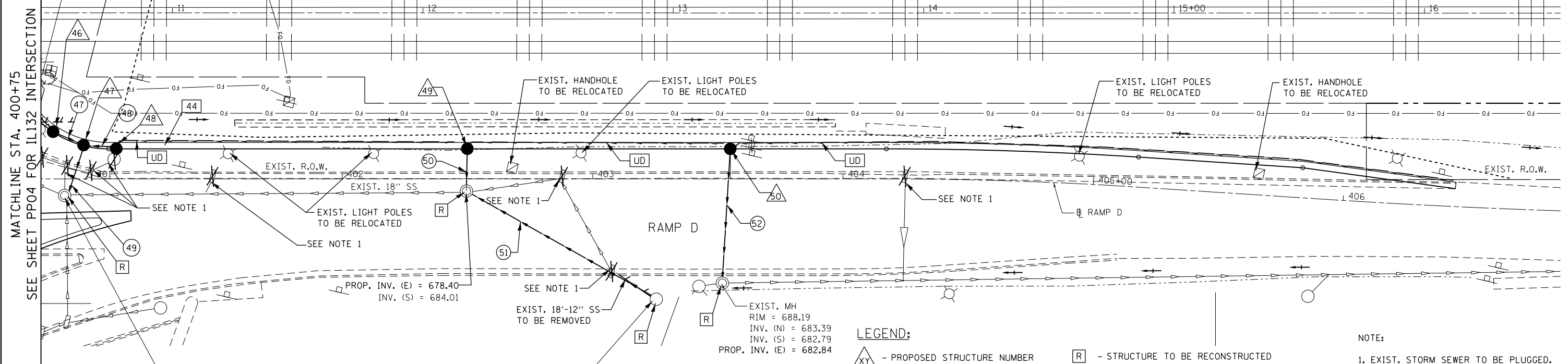


FILE NAME = ...\01_IL132_SHT_DRAINING.dgn	USER NAME = aofitzpatrick	DESIGNED - JS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132 DRAINAGE AND UTILITY PLAN AND PROFILE</b>	F.A.P. RTE. 346	SECTION 125X-N&J-5B-B	COUNTY LAKE	TOTAL SHEETS 361	SHEET NO. 77
3366	PLOT SCALE = 48.0000' / in.	CHECKED - BAP	REVISED -			CONTRACT NO. 60K80				
	PLOT DATE = 10/7/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: 1"=20' (H) 1"=5' (V)		SHEET NO. 7 OF 8 SHEETS				STA. 30+00 TO STA. 36+00				



DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILED
	NO.
	FILE NAME

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NO.
	FILE NAME



EXIST. MH  
RIM = 679.64  
INV. (N) = 674.99  
INV. (E,W) = 675.14  
INV. (E) = 675.14  
PROP. INV. (NE) = 675.20

EXIST. CB  
RIM = 687.63  
INV. (N) = 684.48  
PROP. INV. (E) = 678.84

EXIST. 18'-12" SS  
TO BE REMOVED

EXIST. 18" SS  
TO BE RELOCATED

EXIST. HANDHOLE  
TO BE RELOCATED

EXIST. LIGHT POLES  
TO BE RELOCATED

EXIST. MH  
RIM = 688.19  
INV. (N) = 683.39  
INV. (S) = 682.79  
PROP. INV. (E) = 682.84

**LEGEND:**

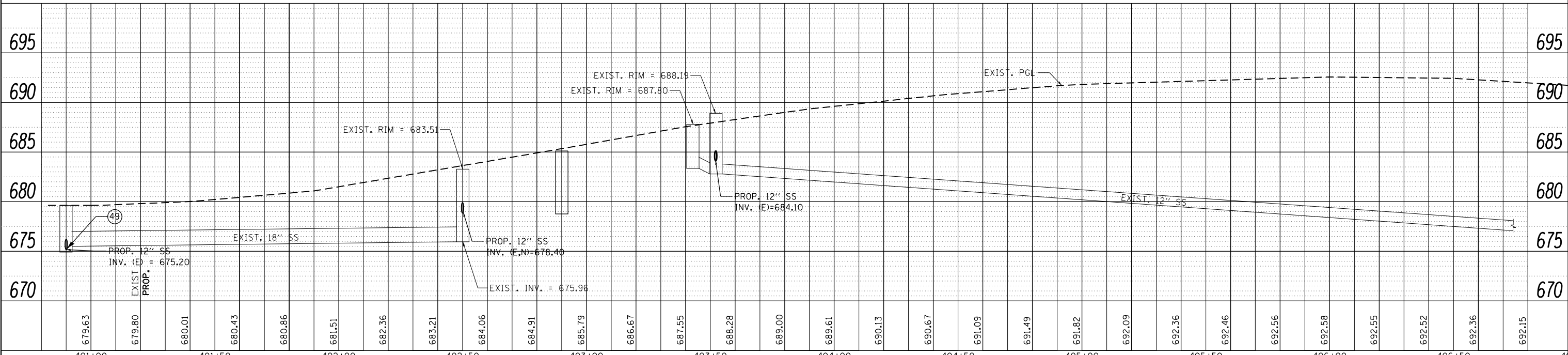
- XY - PROPOSED STRUCTURE NUMBER
- XY - PROPOSED STORM SEWER NUMBER
- UD - PROPOSED PIPE UNDERDRAIN 4"
- REMOVE EXISTING INLETS
- A - FRAME & GRATE TO BE ADJUSTED
- R - STRUCTURE TO BE RECONSTRUCTED
- PP - RELOCATE EXIST. POWER POLE TO PROP. R.O.W.
- REL - TRAFFIC SIGNAL & HANDHOLE TO BE RELOCATED
- EXIST. SEWER TO BE REMOVED

**NOTE:**

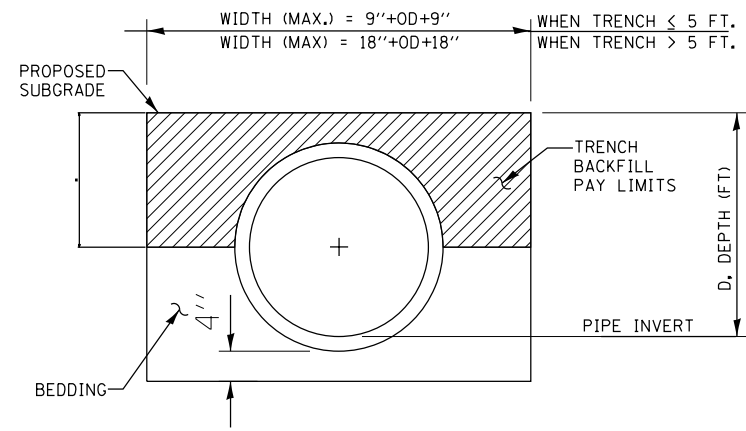
1. EXIST. STORM SEWER TO BE PLUGGED. SEE IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION SECTION 550.05.

**GRAPHIC SCALE**

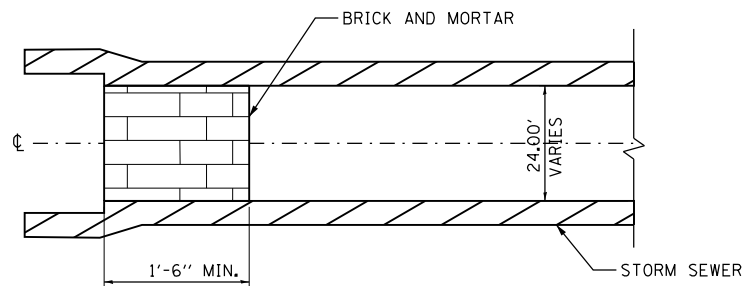
SCALE IN FEET



FILE NAME = ...\\D1.I1132_SHT_DRAIN7.dgn <b>HOH</b> HARRY O. HEFFNER ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS 35 East Jackson Blvd., Suite 600 Chicago, Illinois 60604 312/346-8333	USER NAME = aafitzpatrick PLOT SCALE = 48.0000' / in. PLOT DATE = 10/7/2016	DESIGNED - JS DRAWN - JS CHECKED - BAP DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP D DRAINAGE AND UTILITY PLAN AND PROFILE	SCALE: 1"=20' (H) 1"=5' (V) SHEET NO. 8 OF 8 SHEETS STA. 401+25 TO STA. 407+17.67	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>346</td> <td>125X-N&amp;J-5B-B</td> <td>LAKE</td> <td>361</td> <td>78</td> </tr> <tr> <td colspan="5" style="text-align: center;">CONTRACT NO. 60K80</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	346	125X-N&J-5B-B	LAKE	361	78	CONTRACT NO. 60K80				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																		
346	125X-N&J-5B-B	LAKE	361	78																		
CONTRACT NO. 60K80																						



**TRENCH BACKFILL DETAIL**



**STORM SEWER PLUG**

**NOTES:**

1. THIS WORK CONSISTS OF FURNISHING BRICKS AND MORTAR AS SHOWN AND AS DIRECTED BY THE ENGINEER AT LOCATIONS SHOWN IN THE PLANS TO PLUG THE EXISTING AND/OR PROPOSED STORM SEWER LATERAL STUBS.

<b>HOH</b> <small>HARRY O. HEFTER ASSOCIATES, INC.          DESIGN AND CONSULTING ENGINEERS          55 East Jackson Blvd., Suite 600          Chicago, Illinois 60604          312/346-8131</small>	SUBMITTER NAME = oofitzpatrick	DESIGNED - N/A	REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132          DRAINAGE AND UTILITY DETAILS</b>			F.A.P. RTE. = 346	SECTION = 125X-N&J-5B-B	COUNTY = LAKE	TOTAL SHEETS = 361	SHEET NO. = 79
	PLOT SCALE = 48.0000' / in.	CHECKED - BAP	REVISED -		REVISED -	SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA. N/A TO STA. N/A	<b>CONTRACT NO. 60K80</b>		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/7/2016	DATE -	REVISED -	REVISED -									

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	STRUCTURE TYPE		DIA. (FT.)	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
				MH	CB							
<del>01</del>	<del>11+08.00</del>	<del>32.46 LT.</del>	<del>IL RTE. 132 (EB)</del>	<del>A</del>	<del>A</del>	<del>4</del>	<del>T24 F&amp;G</del>	<del>685.65</del>	<del>681.25</del>	<del>681.15</del>		
02	11+50.00	32.33 LT.	IL RTE. 132 (EB)		A	4	T24 F&G	685.26				681.26
03	11+02.33	20.51 RT.	IL RTE. 132 (EB)		A	4	T24 F&G	684.94	678.50	678.60		
04	12+20.00	22.93 RT.	IL RTE. 132 (EB)		A	4	T24 F&G	685.52		680.03		679.53
05	12+90.00	35.07 LT.	IL RTE. 132 (EB)		A	4	T24 F&G	685.55		681.55		
06	13+82.00	36.89 LT.	IL RTE. 132 (EB)		A	4	T24 F&G	685.29		678.75	677.05	
07	15+50.00	41.73 LT.	IL RTE. 132 (EB)		A	4	T24 F&G	686.09				679.65
<del>08</del>	<del>13+52.00</del>	<del>24.76 RT.</del>	<del>IL RTE. 132 (EB)</del>	<del>A</del>	<del>A</del>	<del>4</del>	<del>T24 F&amp;G</del>	<del>685.44</del>	<del>680.12</del>	<del>677.49</del>	<del>679.97</del>	<del>681.33</del>
09	16+41.48	38.83 LT.	IL RTE. 132 (EB)		A	4	T11 F&G	686.15		680.12		
10	16+71.45	55.82 LT.	IL RTE. 132 (EB)		A	4	T11 F&G	686.10			677.49	679.97
11												
12	18+00.00	54.87 LT.	IL RTE. 132 (EB)		A	4	T24 F&G	684.94		679.94		
13	18+98.00	61.79 LT.	IL RTE. 132 (EB)		A	4	T24 F&G	683.02			677.86	679.13
14	112+75.42	15.05 RT.	RAMP A		A	4	T24 F&G	680.61	676.46			
15	112+63.21	5.85 RT.	RAMP A		A	4	T24 F&G	680.20	676.25		676.34	
16	112+49.04	1.0 RT.	RAMP A		A	4	T24 F&G	679.92	674.92	674.78	676.13	674.88
17	112+16.00	11.00' RT.	RAMP A		A	4	T24 F&G	679.60			675.10	
18	112+35.06	49.28 LT.	RAMP A		A	4	T24 F&G	679.15	676.65		675.15	
19	112+45.06	52.28 LT.	RAMP A		A	4	T24 F&G	679.05	675.04		675.04	674.95
20	112+55.06	55.68 LT.	RAMP A		A	4	T24 F&G	679.10	675.10			
21	213+36.99	47.74 RT.	RAMP B		A	4	T24 F&G	679.33	675.33			
22	213+26.17	41.77 RT.	RAMP B		A	4	T24 F&G	678.80	674.80	675.00	675.00	
23	213+14.85	37.26 RT.	RAMP B		A	4	T24 F&G	678.85			674.73	674.63
24	25+11.19	86.0' LT.	IL RTE. 132 (EB)	A		5	T1 F&G	697.00	689.35	677.58		691.99
25	25+76.00	85.5' LT.	IL RTE. 132 (EB)		A	4	T24 F&G	694.00				690.00
26	27+78.00	85.5' LT.	IL RTE. 132 (EB)		A	4	T24 F&G	692.00			688.50	
27	22+30.00	63.76 LT.	IL RTE. 132 (EB)		A	4	T24 F&G	679.84			676.08	
28	23+28.00	58.05 LT.	IL RTE. 132 (EB)		A	4	T24 F&G	680.26		675.74	675.69	
29	23+25.00	24.0 RT.	IL RTE. 132 (EB)		A	4	T24 F&G	680.90	675.58	675.58		
30	21+79.00	24.76 RT.	IL RTE. 132 (EB)		A	4	T24 F&G	679.83		675.55		
31	21+91.00	24.47 RT.	IL RTE. 132 (EB)		A	4	T24 F&G	679.88	675.38	675.48		675.48
32	22+03.00	24.19 RT.	IL RTE. 132 (EB)		A	4	T24 F&G	679.85				675.55
33	23+39.05	33.06 RT.	IL RTE. 132 (EB)		A	4	T24 F&G	680.15	676.40			
34	24+44.00	57.54 LT.	IL RTE. 132 (EB)		A	4	T24 F&G	681.39				676.33
35	25+29.00	55.61 LT.	IL RTE. 132 (EB)		A	4	T24 F&G	683.53			679.03	
36	27+68.00	46.34 LT.	IL RTE. 132 (EB)		A	4	T24 F&G	690.33			685.83	
37	27+70.00	61.96 LT.	IL RTE. 132 (EB)		A	4	T8 F&G	690.77	688.40	688.27		
38	28+14.00	62.09 LT.	IL RTE. 132 (EB)		A	4	T11 F&G	692.09		687.63	687.43	687.84
39	28+46.60	69.52 LT.	IL RTE. 132 (EB)		A	4	T11 F&G	692.33			688.08	
40	28+47.23	61.93 LT.	IL RTE. 132 (EB)		A	4	T11 F&G	692.31	688.00			687.90
41	23+40.00	74.68 LT.	IL RTE. 132 (EB)		A	4	T8 F&G	696.85		692.85		
42	25+00.00	43.23 RT.	IL RTE. 132 (EB)		A	4	T8 F&G	683.90	678.90			
43	25+50.00	6.5 LT.	IL RTE. 132 (EB)		A	4	T24 F&G	684.75				680.25
44	25+12.74	25.0 RT.	IL RTE. 132 (EB)		A	4	T24 F&G	683.25	677.15		678.75	
45	27+52.00	25.0 RT.	IL RTE. 132 (EB)		A	4	T24 F&G	689.94	684.94			

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	STRUCTURE TYPE		DIA. (FT.)	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
				MH	CB							
46	400+84.55	18.84 LT.	RAMP D		A	4	T24 F&G	679.38			675.85	
47	400+96.71	13.51 LT.	RAMP D		A	4	T24 F&G	679.34	675.79		675.79	675.49
48	401+09.80	12.08 LT.	RAMP D		A	4	T24 F&G	679.51	675.85			
49	402+50.00	12.00 LT.	RAMP D		A	4	T24 F&G	683.08				678.58
50	403+55.00	12.00 LT.	RAMP D		A	4	T24 F&G	687.71				683.21
51	213+20.27	49.98 RT.	RAMP B	A		5	T1 F&G	679.47	674.50		674.30	

STORM SEWER SCHEDULE

PIPE NUMBER	STRUCTURE NUMBER		TYPE	DIA. (IN)	LENGTH (FT.)	SLOPE (%)	T.B. (CU.YD.)
	FROM	TO					
<del>01</del>	<del>2</del>	<del>1</del>	<del>1</del>	<del>12</del>	<del>41</del>	<del>0.56</del>	<del>8.7</del>
02	1	EX. MH	2	12	49	1.00	13.6
03	3	EX. MH	2	15	48	0.83	37.4
04	4	3	2	15	117	0.79	59.4
05	5	EX. CB	1	12	13	1.00	2.2
06	7	6	2	15	167	0.54	115.8
07	6	EX. MH	2	15	30	0.50	25.4
<del>08</del>	<del>8</del>	<del>4</del>	<del>2</del>	<del>12</del>	<del>130</del>	<del>1.00</del>	<del>86.3</del>
09	9	10	2	12	34	2.00	9.8
10	12	13	2	12	98	0.83	50.8
11	41	24	1	12	171	0.50	37.6
12	10	EX. MH	2	12	53	1.00	40.3
13	13	EX. MH	2	12	57	1.00	20.6
14	14	15	1	12	12	1.00	1.6
15	15	16	1	12	12	1.00	1.6
16	17	16	1	12	33	0.55	6.4
17	EX. CB	16	1	12	15	0.60	0.5
18	16	EX. MH	2	15	38	0.55	7.7
19	18	19	1	12	10	1.10	1.3
20	20	19	1	12	10	0.60	1.4
21	19	EX. MH	1	15	11	1.27	4.3
22	21	22	1	12	12	2.75	1.6
23	22	23	1	12	12	0.58	1.6
24	24	EX. MH	1	18	83	0.50	26.1
25	25	24	1	12	65	1.00	53.6
26	EX. INLET	22	1	12	47	0.50	5.3
27	23	51	2	15	13	1.00	16.8
28	27	EX. MH	1	12	64	1.33	16.4
29	34	28	2	12	117	0.50	19.1
30	28	29	2	15	45	0.98	17.6
31	29	EX. MH	2	15	35	1.00	9.9
32	33	EX. MH	1	12	38	1.00	5.9
33	30	31	1	12	12	0.58	2.5
34	32	31	1	12	12	0.58	2.5
35	31	EX. MH	2	12	37	1.03	9.9

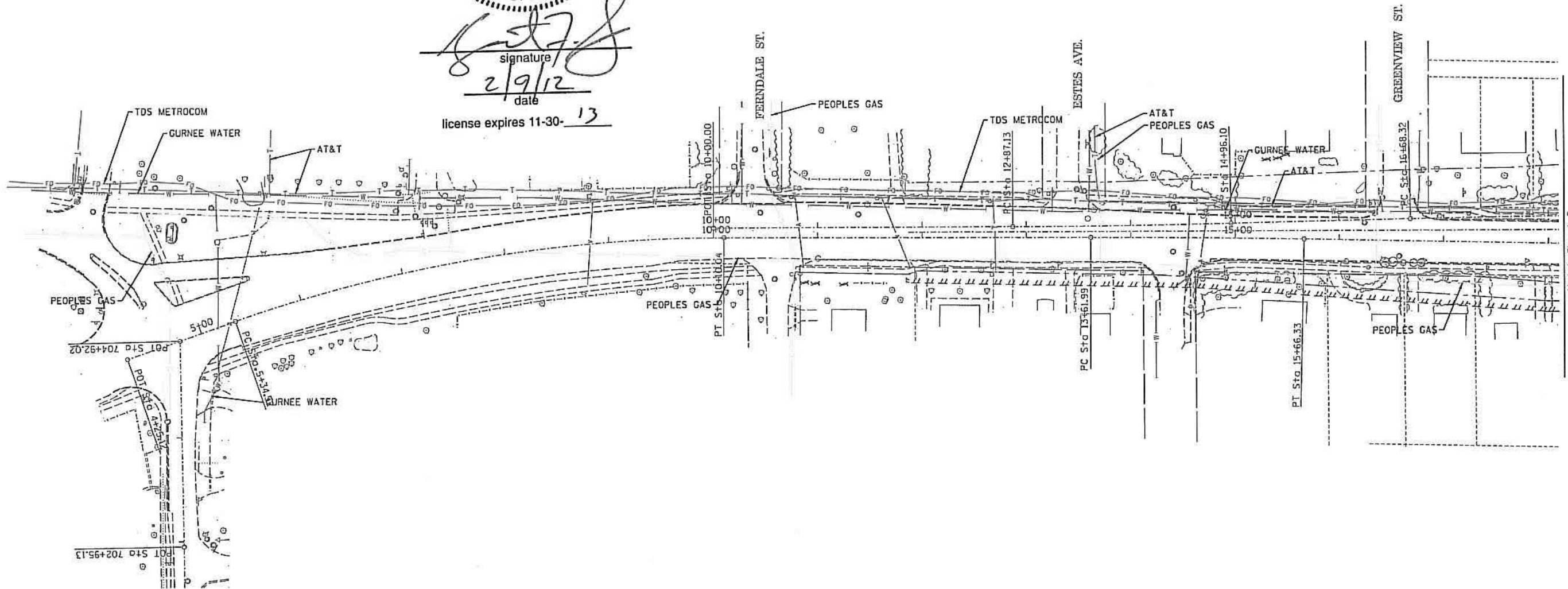
STORM SEWER SCHEDULE

PIPE NUMBER	STRUCTURE NUMBER		TYPE	DIA. (IN)	LENGTH (FT.)	SLOPE (%)	T.B. (CU.YD.)
	FROM	TO					
36	35	EX. CB	2	15	34	1.56	8.8
38	42	44	2	12	21	0.71	19.0
40	44	EX. MH	2	15	28	1.36	20.9
41	36	EX. CB	2	12	24	1.00	6.2
42	37	38	1	12	43	1.00	1.6
43	39	40	1	12	7	1.14	1.4
44	40	38	2	12	33	0.82	7.1
45	38	EX. CB	2	12	61	1.52	13.8
46	45	EX. MH	2	15	27	2.00	9.2
47	46	47	1	12	12	0.54	6.1
48	48	47	1	12	12	0.54	1.6
49	47	EX. MH	1	15	24	1.25	4.8
50	49	EX. MH	2	12	16	1.13	3.1
51	EX. CB	EX. MH	2	12	87	0.54	8.7
52	50	EX. MH	2	12	53	0.70	11.4
53	EX. CB	18	1	12	8	0.70	1.1
54	51	EX. MH	2	24	92	0.34	31.6
55	43	EX. MH	2	12	38	1.00	13.4
56	26	37	1	12	10	1.00	

	FILE NAME = ...\\D1.IL132_SHT_DRAIN_SCHEDULE USER NAME = aofitzpatrick	DESIGNED - N/A DRAWN - JAM	REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 132</b> <b>DRAINAGE SCHEDULES</b>	F.A.P. RTE. 346	SECTION 125X-N&J-5B-B	COUNTY LAKE	TOTAL SHEETS 361	SHEET NO. 81
	PLOT SCALE = 2.0000' / 1"	CHECKED - BAP DATE -	REVISED - REVISED -			SCALE: N/A	SHEET NO. 2 OF 3 SHEETS	STA. N/A TO STA. N/A	CONTRACT NO. 60K80 ILLINOIS FED. AID PROJECT	



  
 signature  
 2/9/12  
 date  
 license expires 11-30-13



Match Sheet 2

— A — A —	AERIAL UTILITY
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
— S — S —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
At&T = TELEPHONE	
At&T = FIBER OPTIC	
COMCAST = FIBER OPTIC	
COMED = ELECTRIC	
GURNEE = WATER	
PEOPLES = GAS	
TDS METROCOM = FIBER OPTIC	
OWEST = FIBER OPTIC	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed from 1/11/12 through 1/27/12. Changes to utilities after 1/27/12 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. 1109510469  
SUE Plan Page: 1 of 4

Utility Quality Level "A" : Visually Verified Test Hole  
 Utility Quality Level "B" : Designating/Test Holes not Visually Verified  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	2/06/12	REVISED

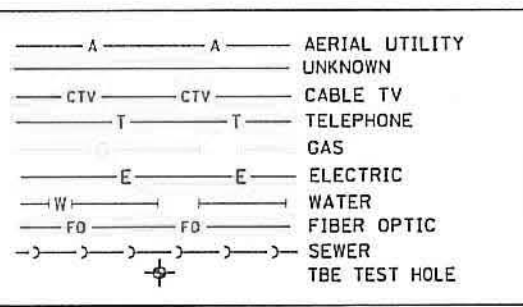
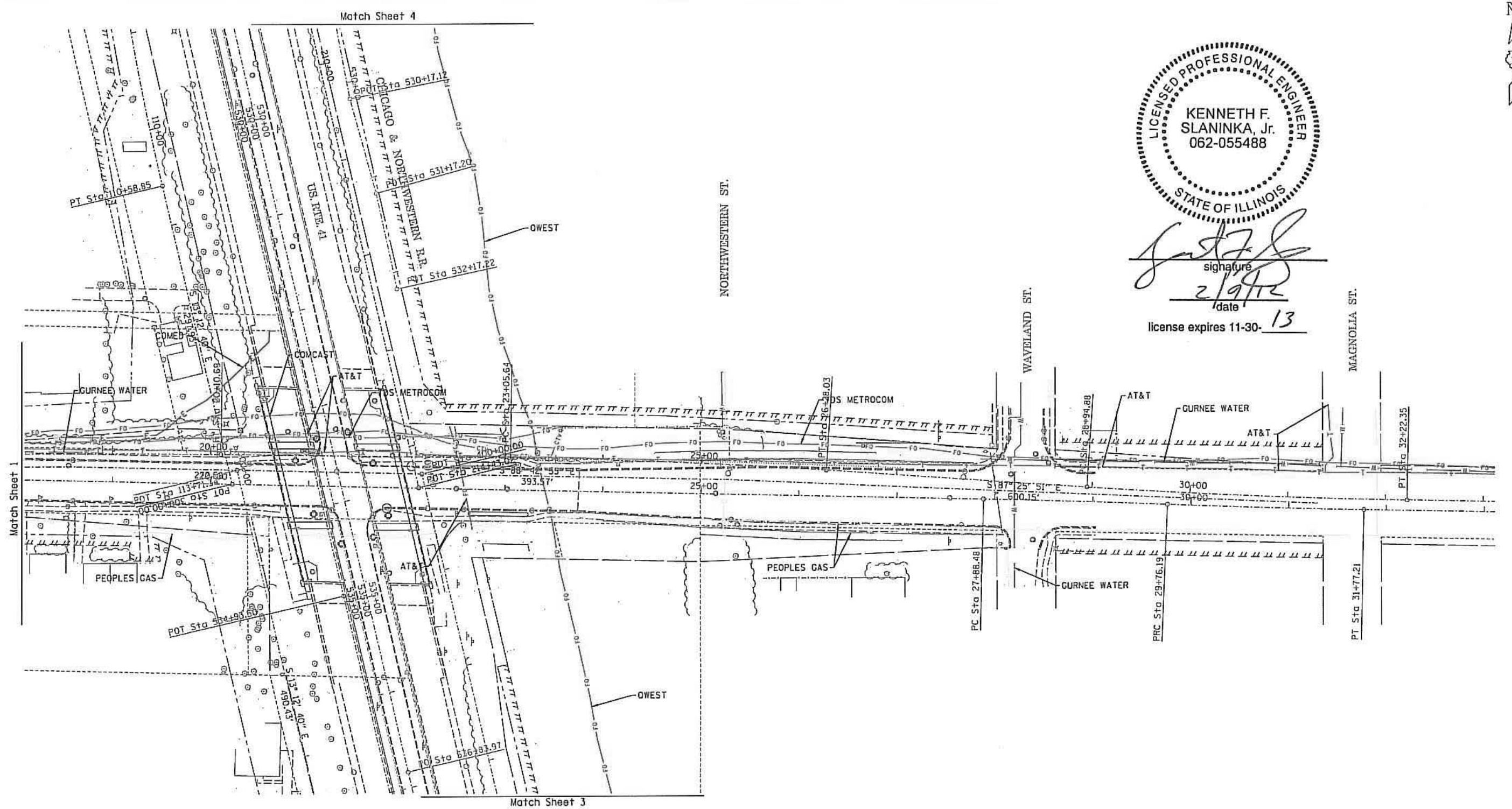
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

US RT. 41 AND IL RT. 132  
 AT C & NW RAILROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	125X-N	LAKE		
Contract No. 60K80				
FED. ROAD DIST. NO. ILLINOIS 100T Project No.				



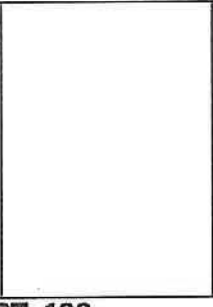
*Kenneth F. Slaninka, Jr.*  
 signature  
 2/9/12  
 date  
 license expires 11-30-13



UTILITY OWNERS	
A+T = TELEPHONE	AT&T = FIBER OPTIC
COMCAST = FIBER OPTIC	COMED = ELECTRIC
GURNEE = WATER	PEOPLES = GAS
TDS METROCOM = FIBER OPTIC	OWEST = FIBER OPTIC

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. ILL9510468  
 SUE Plan Page: 2 of 4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	125X-N	LAKE		
FED. ROAD DIST. NO. [ILLINOIS] 100T Project No.			Contract No. 60K80	

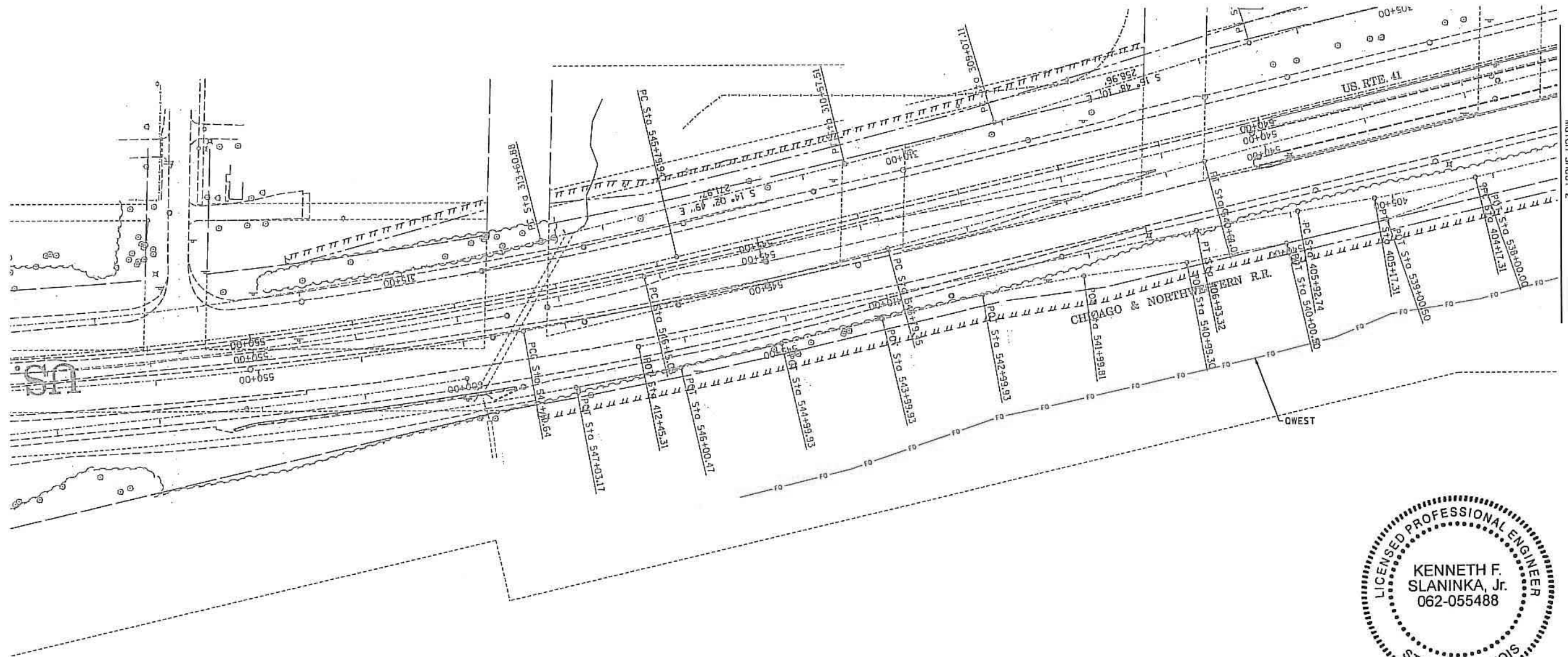
Utility Quality Level "A" : Visually Verified Test Hole  
 Utility Quality Level "B" : Designating/Test Holes not Visually Verified  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	2/06/12	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

US RT. 41 AND IL RT. 132  
 AT C & NW RAILROAD





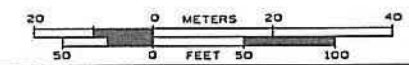
  
 signature  
 2/9/12  
 date  
 license expires 11-30-13

— A — A —	AERIAL UTILITY
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
— S — S —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
AT&T = FIBER OPTIC	
COMCAST = FIBER OPTIC	
COMED = ELECTRIC	
CURNEE = WATER	
PEOPLES = GAS	
TDS METROCOM = FIBER OPTIC	
QWEST = FIBER OPTIC	

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ALL UTILITIES SHOWN QUALITY LEVEL "B"  
 UNLESS NOTED OTHERWISE.



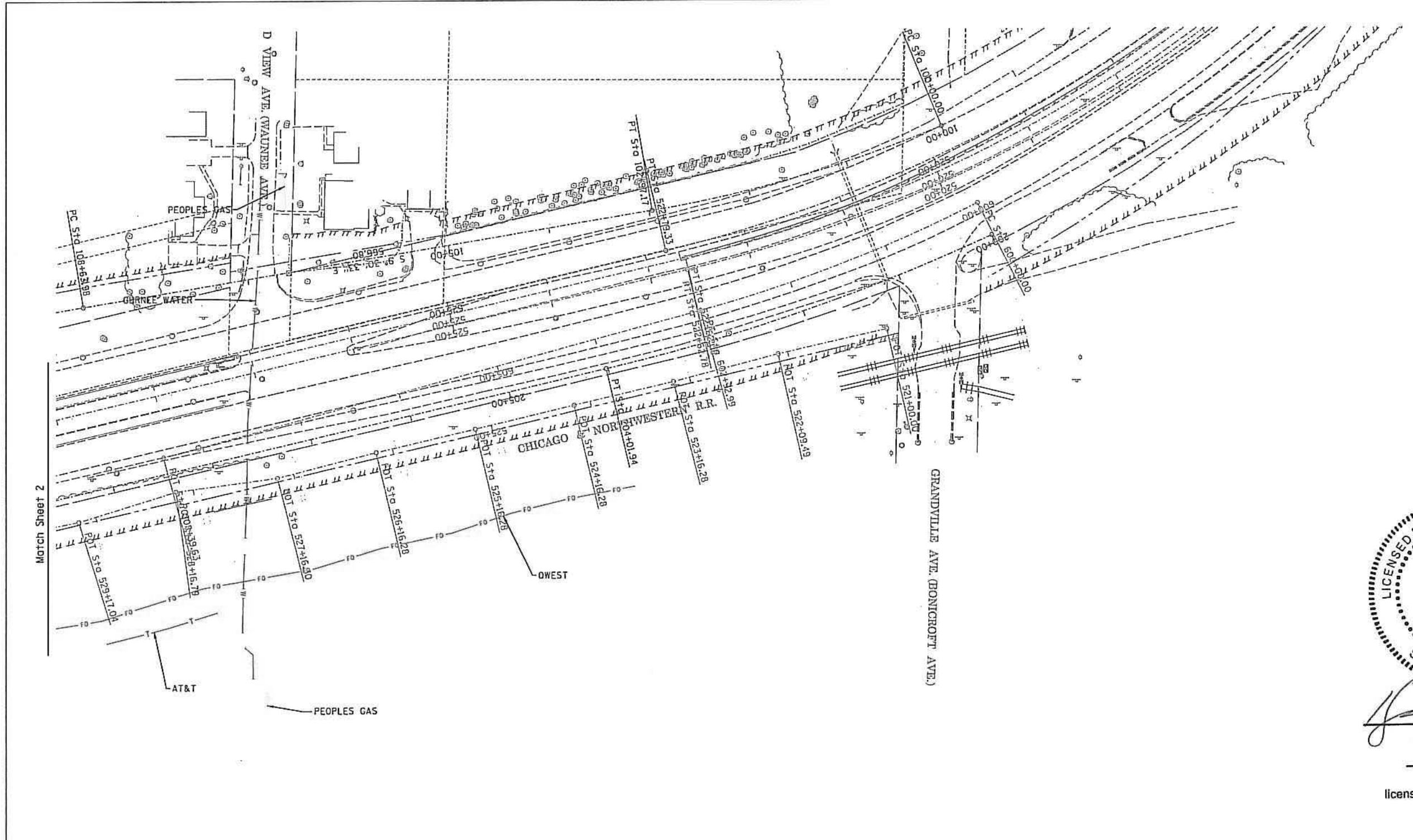
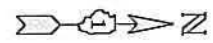
TBE Job No. IL09510463		SUE Plan Page: 3 of 4	
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
	125X-N	LAKE	NO.
		Contract No. 60K80	
FED. ROAD DIST. NO. [ILLINOIS] IDOT Project No.			

Utility Quality Level "A" : Visually Verified Test Hole	DESIGNED LP	REVISED
Utility Quality Level "B" : Designating/Test Holes not Visually Verified	DRAWN KLC	REVISED
Utility Quality Level "C" : Research with Survey	CHECKED KFS	REVISED
Utility Quality Level "D" : Records Research	DATE 2/06/12	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

US RT. 41 AND IL RT. 132  
 AT C & NW RAILROAD





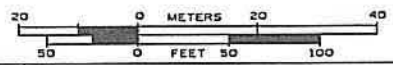
*Kenneth F. Slaninka, Jr.*  
 signature  
 2/9/12  
 date  
 license expires 11-30-13

— A — A —	AERIAL UTILITY
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
— S — S —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
AT&T = FIBER OPTIC	
COMCAST = FIBER OPTIC	
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ALL UTILITIES SHOWN QUALITY LEVEL "B"  
 UNLESS NOTED OTHERWISE.



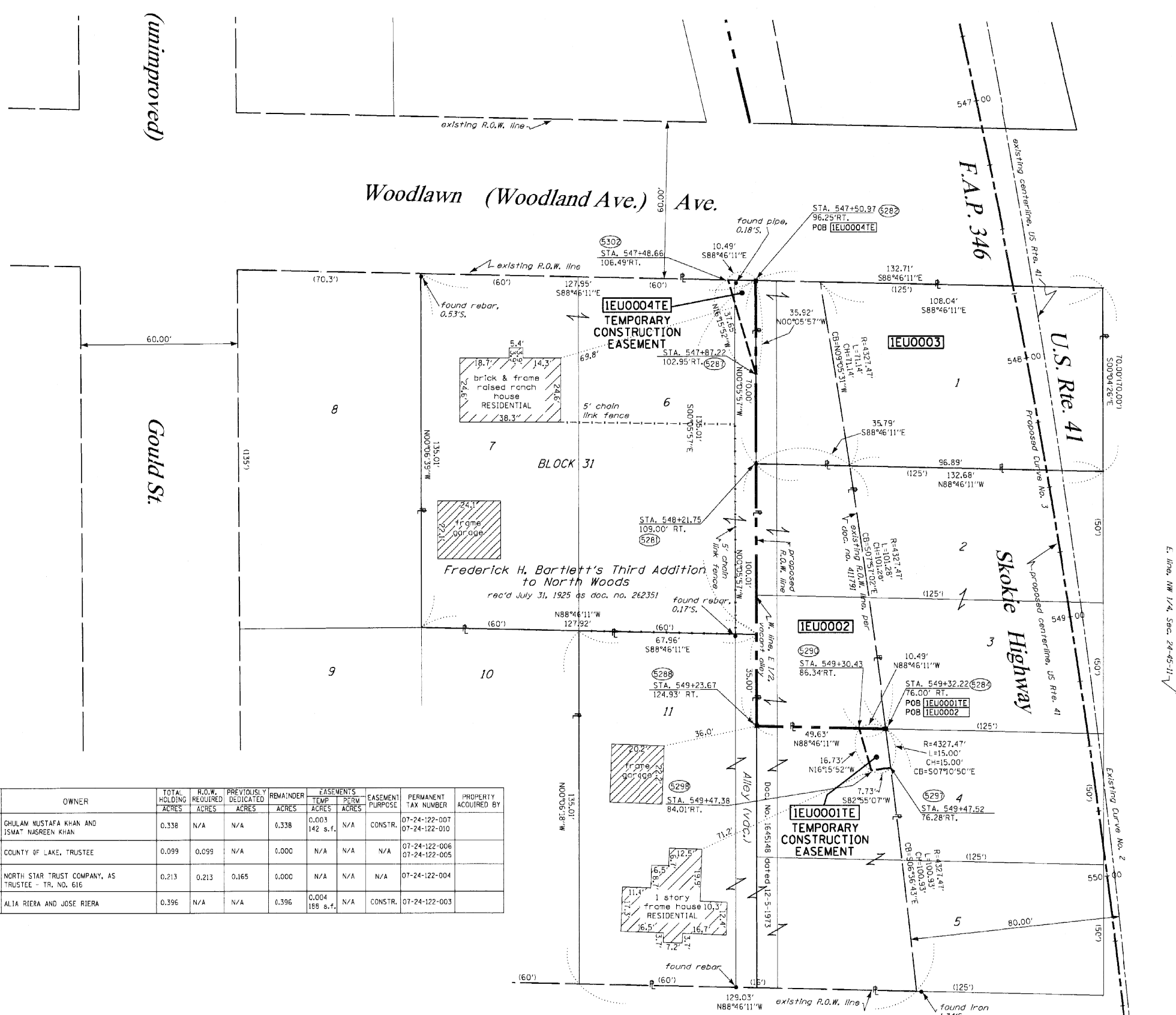
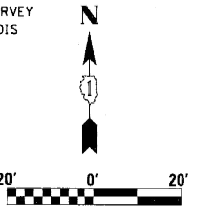
TBE Job No. IL09510468  
 SUE Plan Page: 4 of 4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	125X-N	LAKE		
Contract No. 60K80				
FED. ROAD DIST. NO. [ILLINOIS] 100T Project No.				

Utility Quality Level "A": Visually Verified Test Hole	DESIGNED LP	REVISED
Utility Quality Level "B": Designating/Test Holes not Visually Verified	DRAWN KLC	REVISED
Utility Quality Level "C": Research with Survey	CHECKED KFS	REVISED
Utility Quality Level "D": Records Research	DATE 2/06/12	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

US RT. 41 AND IL RT. 132  
 AT C & NW RAILROAD



- LEGEND**
- EXISTING CENTERLINE
  - PROPOSED CENTERLINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED RIGHT OF WAY LINE
  - PROPOSED EASEMENT LINE
  - SECTION LINE
  - QUARTER SECTION LINE
  - QUARTER QUARTER SECTION LINE
  - PROPERTY (DEED) LINE
  - APPARENT PROPERTY LINE
  - 121.4E MEASURED DIMENSION
  - 123.45 (COMPI) COMPUTED DIMENSION
  - (123.45) RECORDED DIMENSION
  - FOUND IRON PIPE OR IRON ROD
  - SET 1/8 INCH IRON ROD
  - PERMANENT SURVEY MONUMENT
  - I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
  - + CUT CROSS FOUND OR SET
  - SAME OWNERSHIP
  - EXISTING TELEPHONE SPLICE BOX
  - EXISTING STREET LIGHT
  - EXISTING MAIL BOX
  - EXISTING WELL HEAD
  - STAKING OF PROPOSED RIGHT OF WAY. SET 1/8 INCH METAL ROD WITH DIVISION OF HIGHWAY 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. SET 1/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



RECEIVED  
 OCT 8 2007  
 PLATS & LEGALS  
 STATE OF ILLINOIS )  
 COUNTY OF WELL ) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 09th DAY OF OCTOBER, 2007.  
 [Signature]  
 RONALD F. HODGEN P.L.S. NO. 2630



**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
 2111 ONEIDA STREET  
 JOLIET, ILLINOIS 60435  
 PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 400-7740 FAX (630) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAP 346 US 41 @ IL 132  
 LAKE COUNTY  
 JOB NO. R-91-021-02  
 STATION 547+00 TO STATION 550+50

SHEET 2 OF 20  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/DISTRICT 1  
 201 WEST CENTER COURT  
 SCHAMUNBURG, ILLINOIS 60156

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EJ0001	GHULAM MUSTAFA KHAN AND ISMAT NASREEN KHAN	0.338	N/A	N/A	0.338	0.003 142 s.f.	N/A	CONSTR.	07-24-122-007 07-24-122-010
1EJ0002	COUNTY OF LAKE, TRUSTEE	0.099	0.099	N/A	0.000	N/A	N/A	N/A	07-24-122-006 07-24-122-005
1EJ0003	NORTH STAR TRUST COMPANY, AS TRUSTEE - TR. NO. 616	0.213	0.213	0.165	0.000	N/A	N/A	N/A	07-24-122-004
1EJ0004	ALIA RIERA AND JOSE RIERA	0.396	N/A	N/A	0.396	0.004 188 s.f.	N/A	CONSTR.	07-24-122-003

**PROPOSED CURVE NO. 3 - U.S. ROUTE 41**  
 P.I. STA. = 550+46.16  
 P.T. STA. = 3740.00'  
 R = 3740.00'  
 T = 431.08'  
 L = 858.37'  
 CH = 856.49'  
 CB = 506'38"10"E  
 Δ = 13°09'00"  
 e = 24.76'  
 P.C. STA. = 546+15.08  
 P.T. STA. = 554+73.45

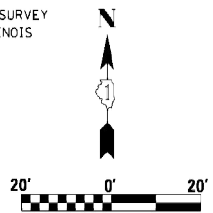
**EXISTING CURVE NO. 2 - U.S. ROUTE 41**  
 P.I. STA. = 550+01.81  
 P.T. STA. = 4407.47  
 R = 4407.47  
 T = 508.01'  
 L = 1011.56'  
 CH = 1009.34'  
 CB = 506'38"10"E  
 Δ = 13°09'00"  
 e = 29.18'  
 P.C. STA. = 544+93.80  
 P.T. STA. = 555+05.36

SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES  
 REVISIONS: 10-26-07/ REVISED PARCEL 0003 TO FULL TAKE  
 REVISIONS: 3-5-07/ REVISED 0003  
 REVISIONS: 2-2-07/ REVISED 0003  
 REVISIONS: 1-10-07/ REVISED 0002  
 REVISIONS: 7-31-06/ REVISED OWNER FOR PARCEL 0001 & 0004  
 REVISIONS: 7-12-06/ ADD NOTES PER 1007

SCANNED

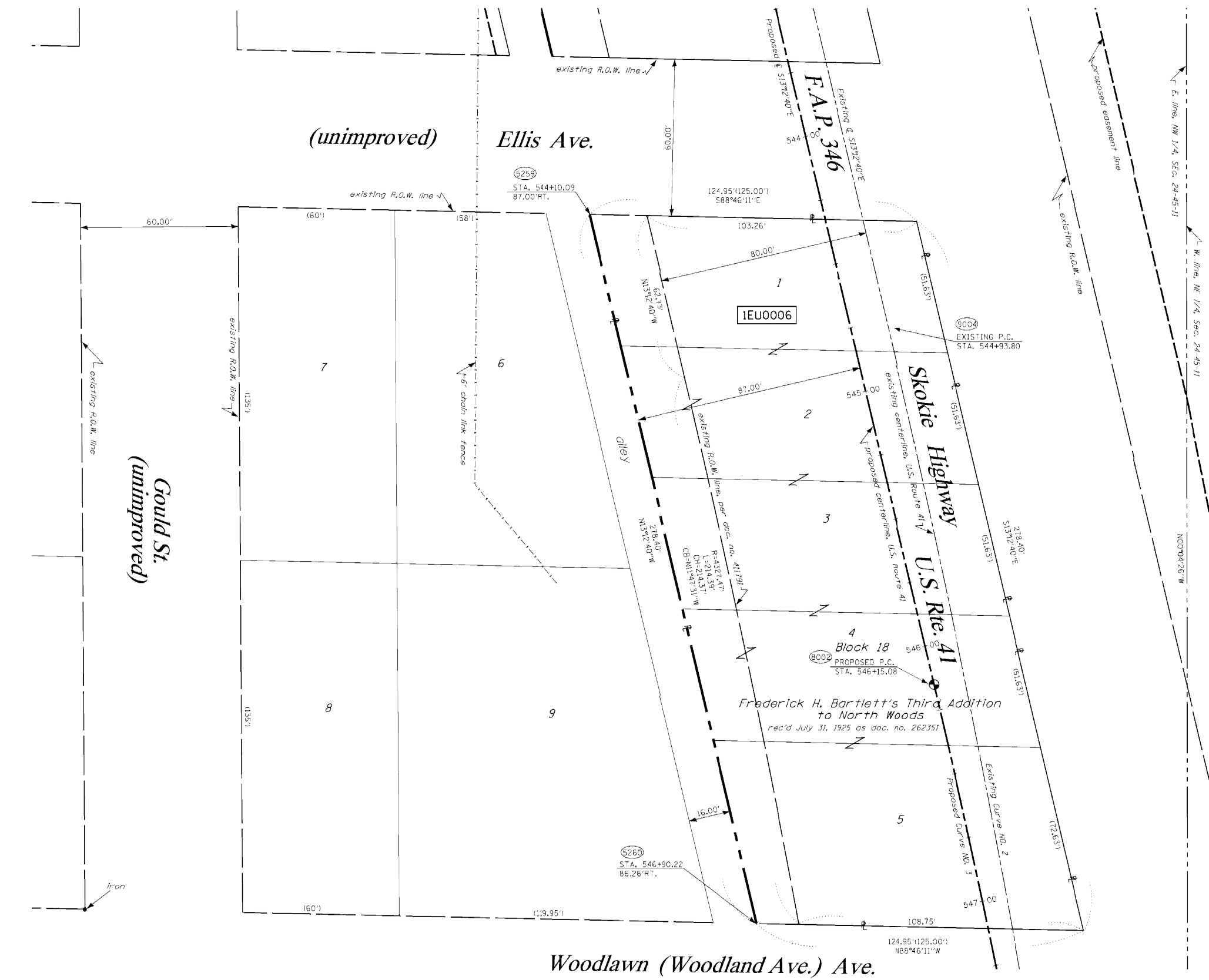
PART OF THE NW 1/4 OF SECTION 24, T45N, R11 EAST OF THE 3rd PM, LAKE COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP. ACRES	EASEMENTS PERM. ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EU0006	VILLAGE OF GURNEE	0.773	0.773	0.648	0.000	N/A	N/A	N/A	07-24-117-005 07-24-117-006 07-24-117-007 07-24-117-008 07-24-117-009	

SEE CONTINUATION ON SHEET 4



- LEGEND**
- EXISTING CENTERLINE
  - - - PROPOSED CENTERLINE
  - - - EXISTING RIGHT OF WAY LINE
  - - - PROPOSED RIGHT OF WAY LINE
  - - - PROPOSED EASEMENT LINE
  - - - SECTION LINE
  - - - QUARTER SECTION LINE
  - - - QUARTER QUARTER SECTION LINE
  - - - PROPERTY (CED) LINE
  - APL APPARENT PROPERTY LINE
  - 121.45 MEASURED DIMENSION
  - 123.45 (COMP) COMPUTED DIMENSION
  - (123.45) RECORDED DIMENSION
  - FOUND IRON PIPE OR IRON ROD
  - SET 3/8" INCH IRON ROD
  - PERMANENT SURVEY MONUMENT
  - ⊕ I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
  - ⊕ CUT CROSS FOUND OR SET
  - ⊕ SAME OWNERSHIP
  - TEL EXISTING TELEPHONE SPLICE BOX
  - LG7 EXISTING STREET LIGHT
  - MAIL BOX EXISTING MAIL BOX
  - WELL EXISTING WELL HEAD
  - STAKING OF PROPOSED RIGHT OF WAY. SET 3/8" INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 3/8" INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



STATE OF ILLINOIS )  
COUNTY OF WILL )

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D.

**PROPOSED CURVE NO. 3 - U.S. ROUTE 41**  
 P.I. STA. = 550+46.16  
 R = 3740.00'  
 T = 431.08  
 L = 858.37'  
 CH = 856.49'  
 CB = 506°38'10"E  
 Δ = 13°09'00"  
 e = 24.76'  
 P.C. STA. = 546+15.08  
 P.T. STA. = 554+73.45

**EXISTING CURVE NO. 2 - U.S. ROUTE 41**  
 P.I. STA. = 550+01.81  
 R = 4407.47'  
 T = 508.01'  
 L = 1011.56'  
 CH = 1009.34'  
 CB = 506°38'10"E  
 Δ = 13°09'00"  
 e = 29.18'  
 P.C. STA. = 544+93.80  
 P.T. STA. = 555+05.36

RONALD F. HODGEN P.L.S. NO. 2630

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
 Land Surveyors/Engineers/Planners/Landscape Architects/C.S. Consultants  
 2174 ONEIDA STREET, JOLIET, ILLINOIS 60435  
 2630 SOUTH WASHINGTON STREET SUITE 170, NAPERVILLE, ILLINOIS 60565  
 PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-7740 FAX (630) 422-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAP 346 US 41 @ IL 132  
 LAKE COUNTY  
 JOB NO. R-91-021-02  
 STATION 543+50 TO STATION 547+00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/DISTRICT 1  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196

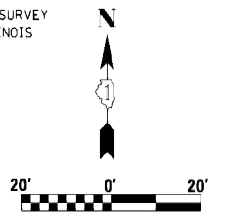
SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

2-27-07 / REVISED LINWORK 0006  
 REVISIONS: 7-12-06 / ADD NOTES PER IDOT

SEE CONTINUATION ON SHEET 2

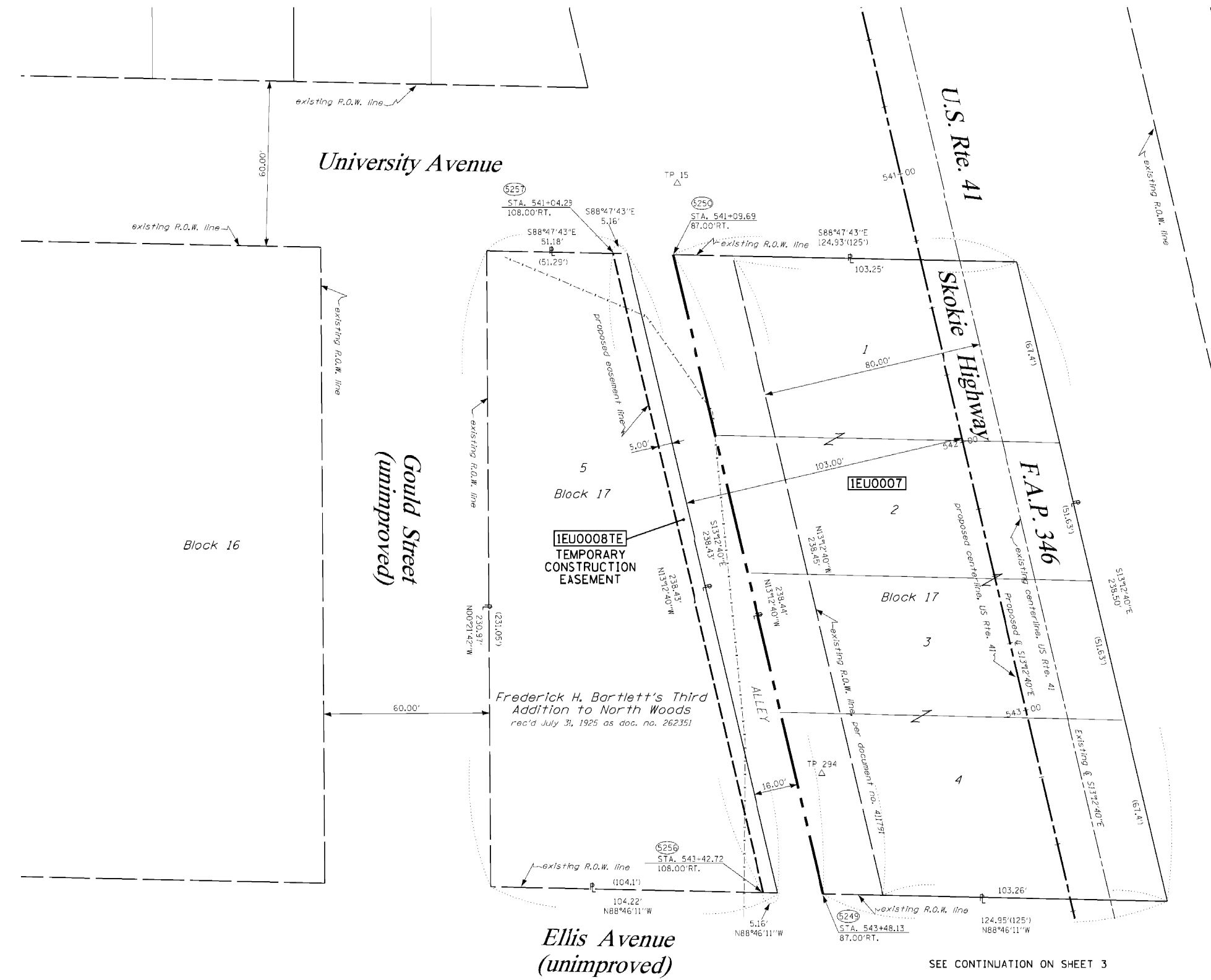
PART OF THE NW 1/4 OF SECTION 24, T45N, R11 EAST OF THE 3rd PM, LAKE COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP. ACRES	EASEMENTS PERM. ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EUD007	VILLAGE OF GURNEE	0.662	0.662	0.548	0.000	N/A	N/A	N/A	07-24-112-002 07-24-112-003 07-24-112-004 07-24-112-005	
1EUD008	VILLAGE OF GURNEE	0.412	N/A	N/A	0.412	0.027	N/A	CONSTR.	07-24-112-001	

SEE CONTINUATION ON SHEET 5



LEGEND

- EXISTING CENTERLINE
- - - - - PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- - - - - PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (CED) LINE
- APL APPARENT PROPERTY LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 3/8" INCH IRON ROD
- PERMANENT SURVEY MONUMENT
- ⊙ I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- ⊕ CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LGT EXISTING STREET LIGHT
- MAIL EXISTING MAIL BOX
- BOX EXISTING WELL HEAD
- EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY. SET 3/8" INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 3/8" INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- SECTION CORNER (with 21/1112)
- QUARTER SECTION CORNER (with 27/26)

STATE OF ILLINOIS )  
COUNTY OF WILL )

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D.

RONALD F. HODGEN P.L.S. NO. 2630

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
*Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants*  
 2174 ONEIDA STREET 2630 SOUTH WASHINGTON STREET SUITE 170  
 JOLIET, ILLINOIS 60435 NAPERVILLE, ILLINOIS 60563  
 PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-7740 FAX (630) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAP 346 US 41 @ IL 132  
 LAKE COUNTY  
 JOB NO. R-91-021-02  
 STATION 540+50 TO STATION 543+50

SHEET 4 OF 20  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/DISTRICT 1  
 201 WEST CENTER COURT  
 SCHLAUBURG, ILLINOIS 60196

SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

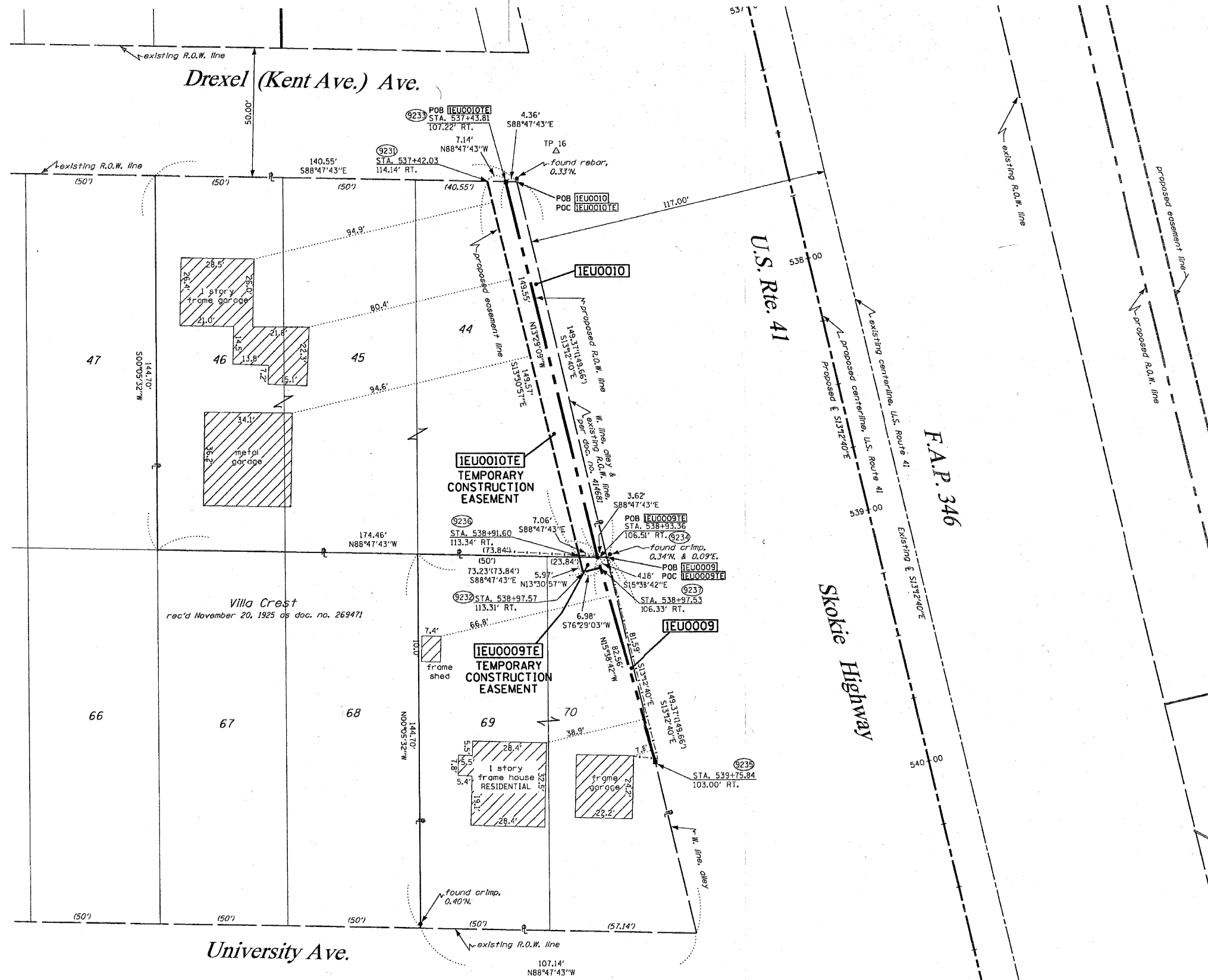
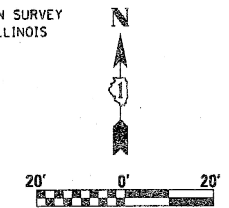
2-27-07 / REVISED LINWORK 0007  
 REVISIONS: 7-12-06/ ADD NOTES PER 1001

SEE CONTINUATION ON SHEET 3

PART OF THE NW 1/4 OF SECTION 24, T45N, R11 EAST OF THE 3rd PM, LAKE COUNTY, ILLINOIS

SEE CONTINUATION ON SHEET 6

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



- LEGEND**
- EXISTING CENTERLINE
  - PROPOSED CENTERLINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED RIGHT OF WAY LINE
  - PROPOSED EASEMENT LINE
  - SECTION LINE
  - QUARTER SECTION LINE
  - QUARTER QUARTER SECTION LINE
  - PROPERTY (DEED) LINE
  - APL APPARENT PROPERTY LINE
  - MEASURED DIMENSION
  - 121.45 COMPUTED DIMENSION
  - (123.45) RECORDED DIMENSION
  - FOUND IRON PIPE OR IRON ROD
  - SET 3/8 INCH IRON ROD
  - ⊙ PERMANENT SURVEY MONUMENT, I.O.O.T., STD. 2135 (TO BE SET BY OTHERS)
  - ⊕ CUT CROSS FOUND OR SET
  - SAME OWNERSHIP
  - TEL EXISTING TELEPHONE SPLICE BOX
  - XLG EXISTING STREET LIGHT
  - MAIL EXISTING MAIL BOX
  - WELL EXISTING WELL HEAD
  - STAKING OF PROPOSED RIGHT OF WAY, SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY 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, SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

RECEIVED  
FEB 21 2007  
PLATS & LEGALS

STATE OF ILLINOIS )  
COUNTY OF WILL ) SS



THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 16th DAY OF FEBRUARY 2007 A.D.  
RONALD F. HODGEN P.L.S. NO. 2630

RUETTIGER, TONELLI & ASSOCIATES, INC.  
Land Surveyors/Engineers/Planners/Landscape Architects/D.S. Consultants  
214 ONEIDA STREET JOLIET, ILLINOIS 60435  
2630 SOUTH WASHINGTON STREET SUITE 170 NAPERVILLE, ILLINOIS 60565  
PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-7740 FAX (630) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAP 346 US 41 @ IL 132  
LAKE COUNTY  
JOB NO. R-91-021-02  
STATION 537+00 TO STATION 541+00

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
						TEMP ACRES	PERM ACRES			
IEU0009	ANGEL M. GARCIA AND JOSEFINA RANGEL DE GARCIA	0.300	0.003 143 s.f.	N/A	0.297	0.001 35s.f.	N/A	CONSTR.	07-24-109-017	
IEU0010	RAYMOND N. DIXON	0.523	0.013	N/A	0.510	0.024	N/A	CONSTR.	07-24-109-009	

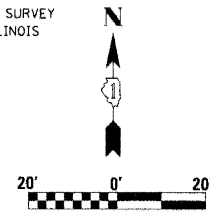
SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

REVISIONS: 2-15-07 / REVISED PARCEL 0009 & 010  
REVISIONS: 7-31-06 / REVISED OWNER NAME PARCEL 0009

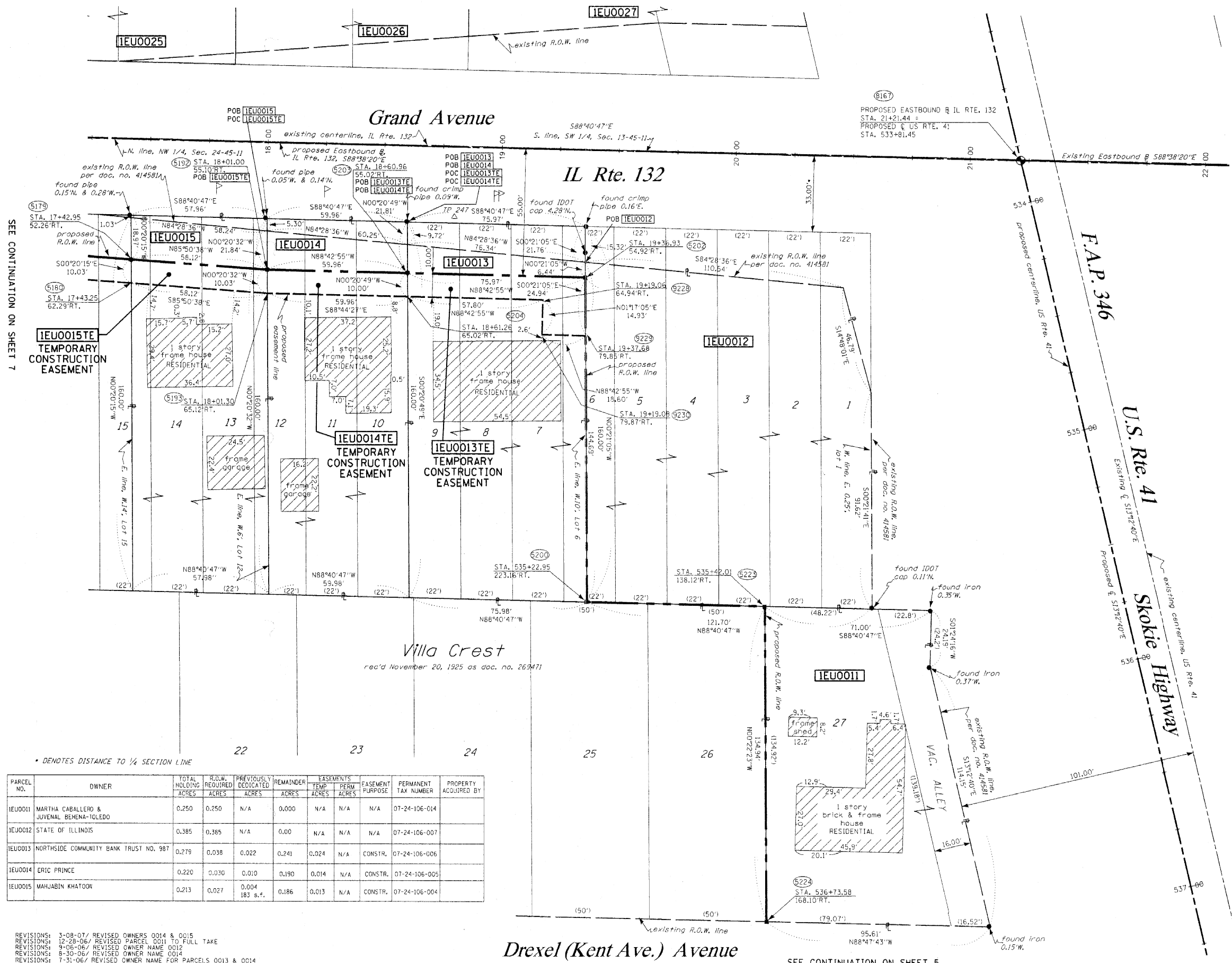
ILLINOIS DEPARTMENT OF TRANSPORTATION  
SHEET 5 OF 20



BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



SEE CONTINUATION ON SHEET 14 & 15



**LEGEND**

- EXISTING CENTERLINE
- - - PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- - - PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 3/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT
- I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- + CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LG EXISTING STREET LIGHT
- MB EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY 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. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

STATE OF ILLINOIS )  
 COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 9th DAY OF March 2020.

*Ronald F. Hodgen*  
 RONALD F. HODGEN P.L.L.S. NO. 2630



**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
 Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
 217 ONEIDA STREET, SUITE 110, NAPERVILLE, ILLINOIS 60563  
 PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-7740 FAX (630) 420-7741

**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
**PLAT OF HIGHWAYS**  
 FAP 346 US 41 @ IL 132

LAKE COUNTY  
 JOB NO. R-91-021-02  
 STATION 533+50 TO STATION 537+00

\* DENOTES DISTANCE TO 1/4 SECTION LINE

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
IEU0011	MARTHA CABALLERO & JUVENAL BEHENA-IOLEDO	0.250	0.250	N/A	0.000	N/A	N/A	N/A	07-24-106-014	
IEU0012	STATE OF ILLINOIS	0.385	0.385	N/A	0.00	N/A	N/A	N/A	07-24-106-007	
IEU0013	NORTHSIDE COMMUNITY BANK TRUST NO. 987	0.279	0.038	0.022	0.241	0.024	N/A	CONSTR.	07-24-106-006	
IEU0014	ERIC PRINCE	0.220	0.030	0.010	0.190	0.014	N/A	CONSTR.	07-24-106-005	
IEU0015	MAHJABIN KHATOON	0.213	0.027	0.004 183 s.f.	0.186	0.013	N/A	CONSTR.	07-24-106-004	

REVISIONS: 3-08-07/ REVISED OWNERS 0014 & 0015  
 REVISIONS: 12-28-06/ REVISED PARCEL 0011 TO FULL TAKE  
 REVISIONS: 9-06-06/ REVISED OWNER NAME 0012  
 REVISIONS: 8-30-06/ REVISED OWNER NAME 0014  
 REVISIONS: 7-31-06/ REVISED OWNER NAME FOR PARCELS 0013 & 0014  
 REVISIONS: 7-12-06/ ADDED NOTE PER IDOT

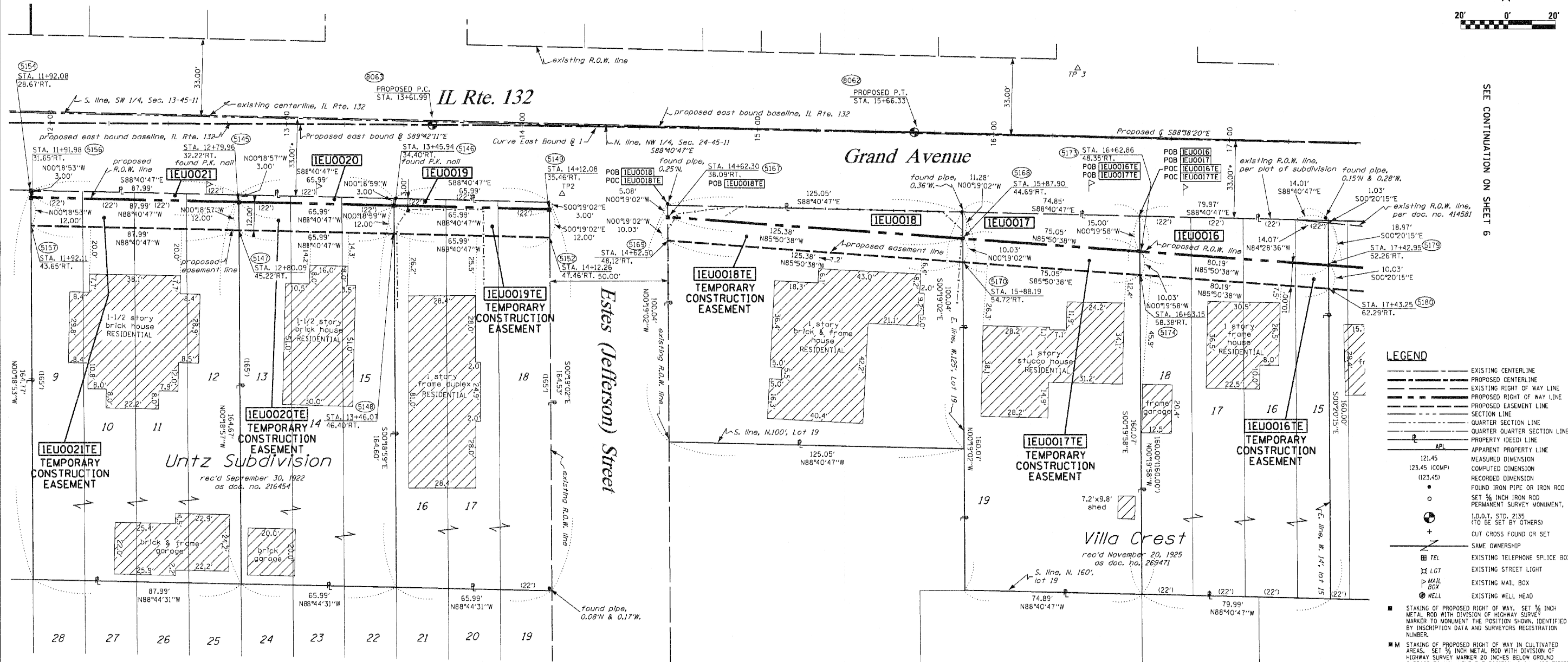
Drexel (Kent Ave.) Avenue

SEE CONTINUATION ON SHEET 5



SEE CONTINUATION ON SHEET 8

SEE CONTINUATION ON SHEET 6



- LEGEND**
- EXISTING CENTERLINE
  - PROPOSED CENTERLINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED RIGHT OF WAY LINE
  - PROPOSED EASEMENT LINE
  - SECTION LINE
  - QUARTER SECTION LINE
  - QUARTER QUARTER SECTION LINE
  - PROPERTY IDEAL LINE
  - APPARENT PROPERTY LINE
  - 121.45 (COMPUTED DIMENSION)
  - 123.45 (RECORDED DIMENSION)
  - (123.45)
  - FOUND IRON PIPE OR IRON ROD
  - SET 3/8" INCH IRON ROD
  - ⊙ PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
  - ⊕ CUT CROSS FOUND OR SET
  - SAME OWNERSHIP
  - TEL EXISTING TELEPHONE SPLICE BOX
  - LG7 EXISTING STREET LIGHT
  - MAIL BOX EXISTING MAIL BOX
  - WELL EXISTING WELL HEAD
  - STAKING OF PROPOSED RIGHT OF WAY. SET 3/8" INCH METAL ROD WITH DIVISION OF HIGHWAY 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. SET 3/8" INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

\* DENOTES DISTANCE TO 1/4 SECTION LINE

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
IEU0016	HEATHER NICHOLSON	0.294	0.031	0.00027 s.f.	0.263	0.018	N/A	CONSTR.	07-24-106-003	
IEU0017	CARMELO ROMEO F. DIAZ & CRISTINA M. DIAZ	0.275	0.023	N/A	0.252	0.017	N/A	CONSTR.	07-24-106-002	
IEU0018	KEITH R. LAWRENCE & MICHELLE R. LAWRENCE	0.287	0.024	N/A	0.263	0.029	N/A	CONSTR.	07-24-106-001	
IEU0019	JAMES P. COLUMBUS	0.249	0.005198 s.f.	N/A	0.244	0.018	N/A	CONSTR.	07-24-105-004	
IEU0020	PAMELA J. CARLSON	0.249	0.005198 s.f.	N/A	0.244	0.018	N/A	CONSTR.	07-24-105-003	
IEU0021	CHICAGO TITLE AND TRUST COMPANY TR. NO. 1064224	0.333	0.006264 s.f.	N/A	0.327	0.024	N/A	CONSTR.	07-24-105-002	

CURVE EAST BOUND @ 1

A	1403'52"
T	102.17'
R	11,000.00'
L	204.33'
E	0.47'
PC STA.	13+61.99
PI STA.	147+64.16
PT STA.	15+66.33



STATE OF ILLINOIS )  
COUNTY OF WILL )

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 13th DAY OF March 2007  
RONALD F. HODGEN P.L.S. NO. 2630

SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

REVISIONS: 3-13-07/REVISED OWNER, 0016  
REVISIONS: 9-06-06/ REVISED OWNERS NAMES FOR PARCEL 0021  
REVISIONS: 7-31-06/ REVISED OWNERS NAMES FOR PARCELS 0016 & 0018  
REVISIONS: 7-12-06/ ADDED NOTES PER IDOT



**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
2174 OMEGA STREET JOLIET, ILLINOIS 62455  
2630 SOUTH WASHINGTON STREET SUITE 170 NAPERVILLE, ILLINOIS 60565  
PH (815) 144-6600 FAX (815) 144-0101 FAX (630) 420-1741

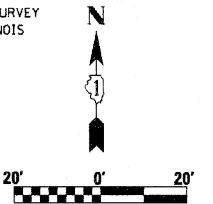
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
FAP 346 US 41 @ IL 132  
LAKE COUNTY  
JOB NO. R-91-021-02  
STATION 11+86.92 TO STATION 17+00.05

SHEET 7 OF 20  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 1  
201 WEST CENTER COURT  
SCHAMLUNBURG, ILLINOIS 60196

SHEET 1 OF 20 IS A COVER SHEET AND IS NOT RECORDED RT&A 20021947 IUS 41)

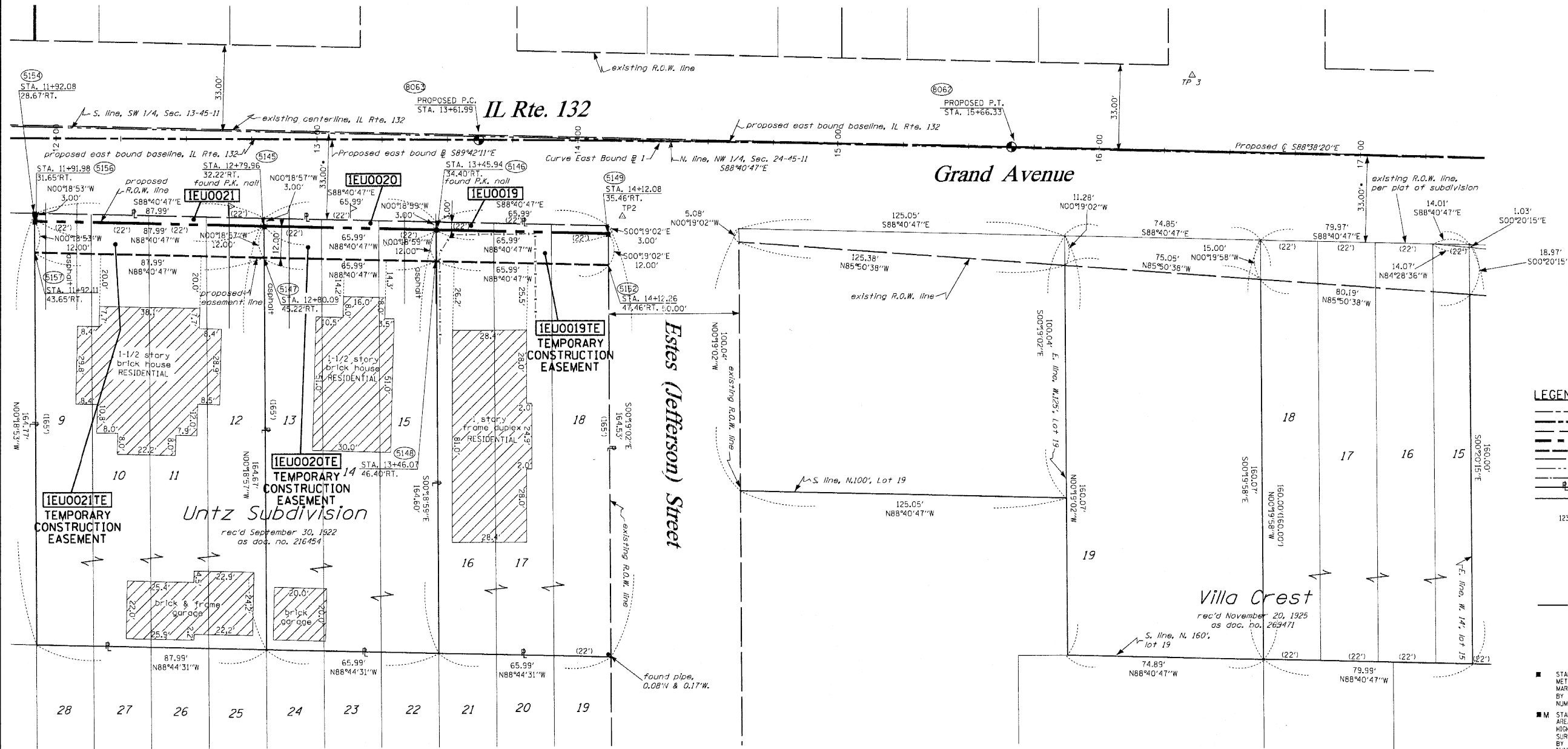
PART OF THE NW 1/4 OF SECTION 24, T45N, R11 EAST OF THE 3rd PM, LAKE COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



SEE CONTINUATION ON SHEET 8a

SEE CONTINUATION ON SHEET 6



- LEGEND**
- EXISTING CENTERLINE
  - PROPOSED CENTERLINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED RIGHT OF WAY LINE
  - PROPOSED EASEMENT LINE
  - SECTION LINE
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  - 121.45 MEASURED DIMENSION
  - 123.45 (COMP) COMPUTED DIMENSION
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  - FOUND IRON PIPE OR IRON ROD
  - SET 1/2 INCH IRON ROD
  - PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
  - ⊕ CUT CROSS FOUND OR SET
  - SAME OWNERSHIP
  - TEL EXISTING TELEPHONE SPLICE BOX
  - LGT EXISTING STREET LIGHT
  - MAIL EXISTING MAIL BOX
  - WELL EXISTING WELL HEAD
  - STAKING OF PROPOSED RIGHT OF WAY. SET 1/2 INCH METAL ROD WITH DIVISION OF HIGHWAY 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. SET 1/2 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

\* DENOTES DISTANCE TO 1/4 SECTION LINE

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
IEU0019	3-M BRIGHTON, LLC	0.249	0.005	N/A	0.244	0.018	N/A	CONSTR.	07-24-105-004	
IEU0020	PAMELA J. CARLSON	0.249	0.005	N/A	0.244	0.018	N/A	CONSTR.	07-24-105-003	
IEU0021	CHICAGO TITLE AND TRUST COMPANY TR. NO. 1064224	0.333	0.006	N/A	0.327	0.024	N/A	CONSTR.	07-24-105-002	

CURVE EAST BOUND @ 1

Δ	1°03'52"
T	102.17'
R	11,000.00'
L	204.33'
E	0.47'
P.C. STA.	13+61.99
P.T. STA.	147+64.16
P.T. STA.	15+66.33

NOTE:  
 THIS PLAT WAS PREPARED AS A SUPPLEMENTAL SHEET TO SHEET 7 OF PLAT OF HIGHWAYS PREPARED BY RUETTIGER, TONELLI & ASSOC., HAVING A REVISION DATE OF 3/13/2007. SUPPLEMENTAL INFORMATION ON THIS SHEET INCLUDES:  
 UPDATING PARCEL IEU0021  
 UPDATING PARCEL IEU0020  
 UPDATING PARCEL IEU0019  
 SEE RUETTIGER, TONELLI & ASSOC. PLAT FOR OTHER INFORMATION.

STATE OF ILLINOIS )  
 COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS \_\_\_ DAY OF \_\_\_, A.D.

RONALD F. HODGEN P.L.S. NO. 2630

SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

RECEIVED JUN 17 2010  
 PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.  
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
 2174 ONEIDA STREET  
 JOLIET, ILLINOIS 60435  
 PH. (815) 744-8500 FAX (815) 744-0101

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS  
 FAP 346 US 41 @ IL 132  
 LAKE COUNTY  
 JOB NO. R-91-021-02  
 STATION 11+86.92 TO STATION 17+50.05

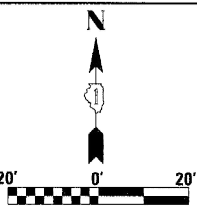
SHEET 7a OF 20

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/DISTRICT 1  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196



PART OF THE SW 1/4 OF SECTION 13, T45N, R11 EAST OF THE 3rd PM, LAKE COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



STATE OF ILLINOIS )  
COUNTY OF WILL )

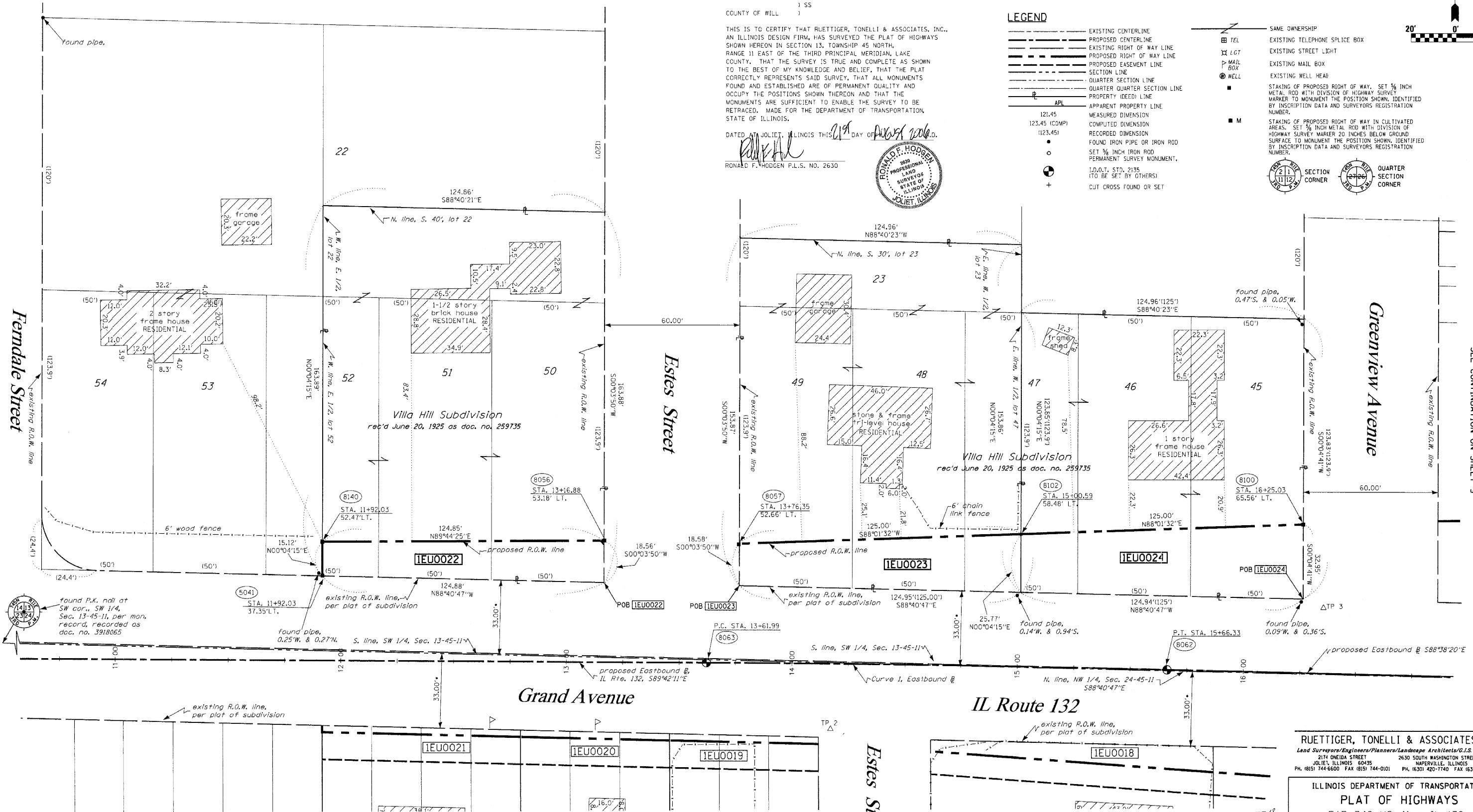
THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY. THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 21<sup>st</sup> DAY OF AUGUST 2006.  
RONALD F. HODGEN P.L.S. NO. 2630



LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 3/8" IRON ROD
- PERMANENT SURVEY MONUMENT
- I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LGT EXISTING STREET LIGHT
- MAIL BOX EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY, SET 3/8" METAL ROD WITH DIVISION OF HIGHWAY 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, SET 3/8" METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- SECTION CORNER
- QUARTER SECTION CORNER



SEE CONTINUATION ON SHEET 9

SEE CONTINUATION ON SHEET 7

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	EASEMENT TAX NUMBER	PROPERTY ACQUIRED BY
1EU0022	JEFFREY & CYNTHIA CREEL AND JERILYN PRYBELL	0.470	0.048	N/A	0.422	N/A	N/A	N/A	07-13-318-010	
1EU0023	MARCIA S. BLAIN, AS TRUSTEE TRUST NO. 3160	0.441	0.064	N/A	0.377	N/A	N/A	N/A	07-13-319-017	
1EU0024	BRIAN R. & NANCY E. HENDRICKSON	0.355	0.084	N/A	0.271	N/A	N/A	N/A	07-13-319-013	

\* DENOTES DISTANCE TO 1/4 SECTION LINE

CURVE 1  
P.I. STA= 14+64.16  
Δ= 01°03'52"  
D= 00°31'15"  
R= 11000.00'  
T= 102.17'  
L= 204.33'  
E= 0.475'  
P.C. STA= 13+61.99  
P.T. STA= 15+66.33

RECEIVED  
AUG 21 2006  
PLATS & LEGALS

SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

8-06-06/REVISED POINT NUMBER 1EU0022  
7-31-06/ CHANGED OWNER 1EU0023  
7-25-06/ CHANGED PARCEL 1EU0022  
REVISIONS: 7-12-06/ ADDED FENCE & HOUSE PER IDOT

RUETTIGER, TONELLI & ASSOCIATES, INC.  
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
214 ONEIDA STREET JOLIET, ILLINOIS 60435  
2630 SOUTH WASHINGTON STREET SUITE 170 NAPERVILLE, ILLINOIS 60565  
PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-1740 FAX (630) 420-7741

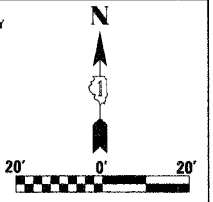
ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAP 346 US 41 @ IL 132  
LAKE COUNTY  
JOB NO. R-91-021-02  
STATION 11+86.94 TO STATION 16+50

SHEET 8 OF 20  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 1  
201 WEST CENTER COURT  
SCHLAUMBURG, ILLINOIS 60196

SHEET 1 OF 20 IS A COVER SHEET AND IS NOT RECORDED  
RT&A 20021947 (US 41)

PART OF THE SW 1/4 OF SECTION 13, T45N, R11 EAST OF THE 3rd PM, LAKE COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



STATE OF ILLINOIS )  
COUNTY OF WILL )

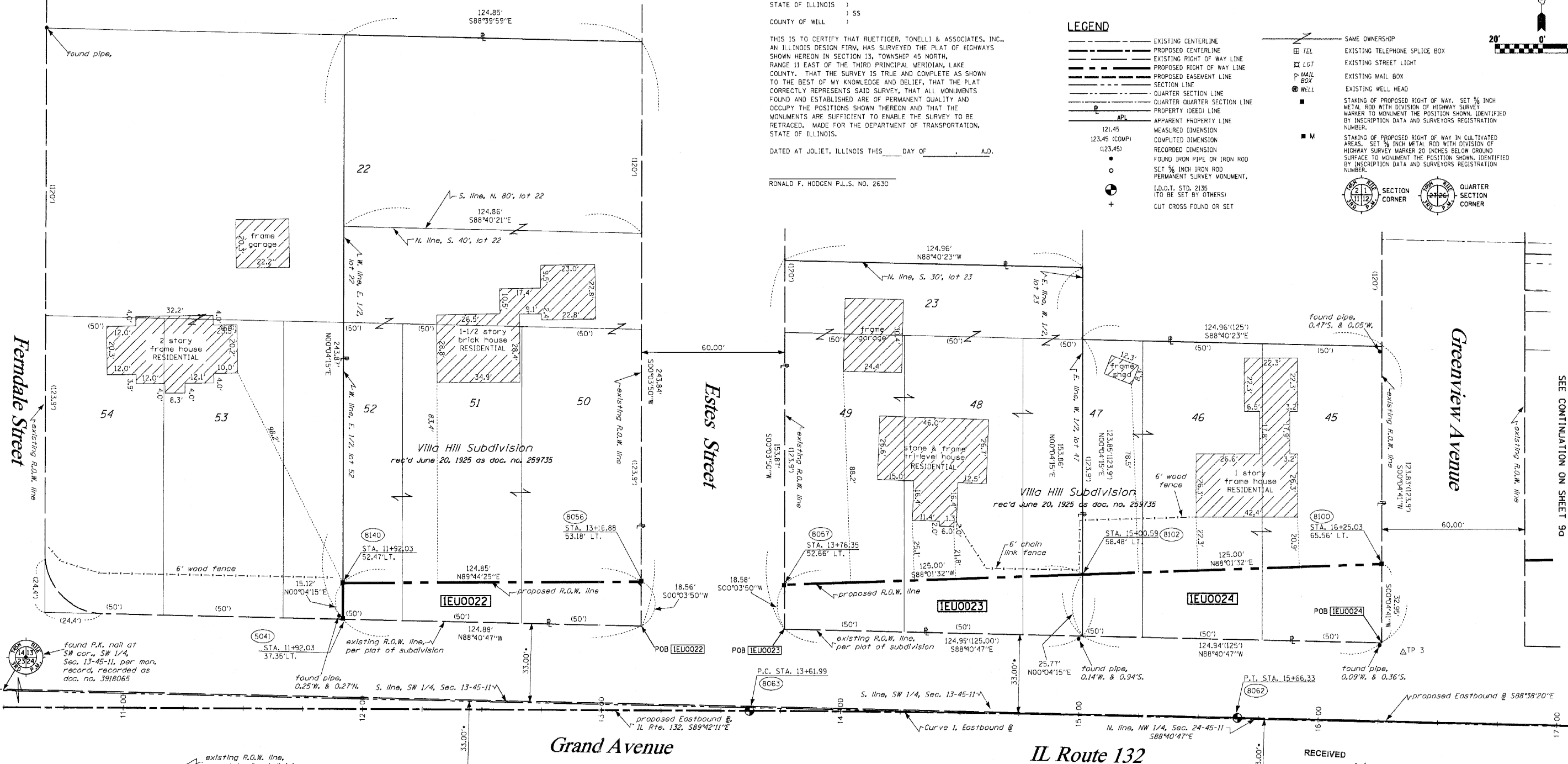
THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY. THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ A.D.

RONALD F. HODGEN P.L.S. NO. 2630

LEGEND

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 3/8" IRON ROD
- PERMANENT SURVEY MONUMENT
- I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LG7 EXISTING STREET LIGHT
- MAIL BOX EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY, SET 3/8" METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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- SECTION CORNER
- QUARTER SECTION CORNER



SEE CONTINUATION ON SHEET 7a

CURVE 1  
P.I. STA= 14+64.16  
Δ= 01°03'52"  
D= 00°31'15"  
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T= 102.17'  
L= 204.33'  
E= 0.475'  
P.C. STA= 13+61.99  
P.T. STA= 15+66.33

SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EU0022	PATRICK HARRISON AND PATRICIA A. MOLEY HARRISON	0.699	0.048	N/A	0.651	N/A	N/A	N/A	07-13-318-010 07-13-318-009	
1EU0023	MARCIA S. BLATN, AS TRUSTEE TRUST NO. 3160	0.441	0.064	N/A	0.377	N/A	N/A	N/A	07-13-315-017	
1EU0024	BRIAN R. & NANCY E. HENDRICKSON	0.355	0.084	N/A	0.271	N/A	N/A	N/A	07-13-319-013	

\* DENOTES DISTANCE TO 1/4 SECTION LINE

NOTE:  
THIS PLAT WAS PREPARED AS A SUPPLEMENTAL SHEET TO SHEET 8 OF PLAT OF HIGHWAYS PREPARED BY RUETTIGER, TONELLI & ASSOC. HAVING A REVISION DATE OF 8/6/2006. SUPPLEMENTAL INFORMATION ON THIS SHEET INCLUDES:  
UPDATING PARCEL 1EU0022  
UPDATING PARCEL 1EU0023  
UPDATING PARCEL 1EU0024  
SEE RUETTIGER, TONELLI & ASSOC. PLAT FOR OTHER INFORMATION.

RECEIVED  
JUN 17 2010  
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.  
Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants  
2174 ONEIDA STREET  
JOLIET, ILLINOIS 60435  
PH. (815) 744-8600 FAX (815) 744-0101

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAP 346 US 41 @ IL 132

LAKE COUNTY  
JOB NO. R-91-021-02  
STATION 11+86.94 TO STATION 16+50

SHEET 8a OF 20

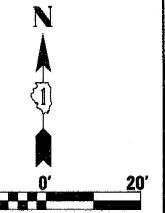
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 1  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

SHEET 1 OF 20 IS A COVER SHEET AND IS NOT RECORDED  
R7&A 20021947 (US 41)

PART OF THE SW 1/4 OF SECTION 13, TWP. 45N., R. 11E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

STATE OF ILLINOIS )  
 COUNTY OF WILL )

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

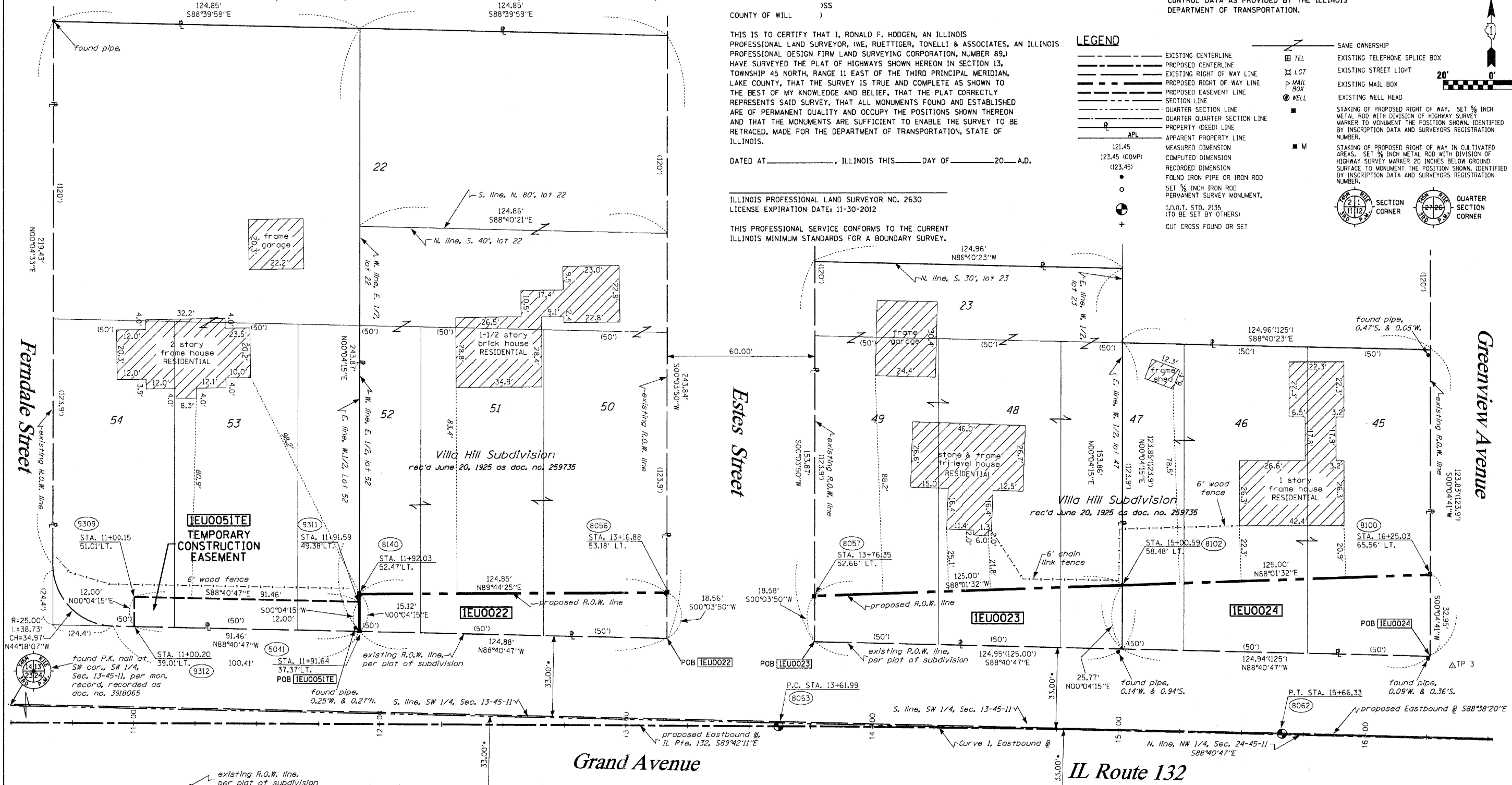
LEGEND

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
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- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 1/2 INCH IRON ROD PERMANENT SURVEY MONUMENT.
- I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LOT EXISTING STREET LIGHT
- MAIL EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY, SET 1/2 INCH METAL ROD WITH DIVISION OF HIGHWAY 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. SET 1/2 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- SECTION CORNER
- QUARTER SECTION CORNER

DATED AT \_\_\_\_\_, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630  
 LICENSE EXPIRATION DATE: 11-30-2012

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



SEE CONTINUATION ON SHEET 7b

NOTE:  
 THIS PLAT WAS PREPARED AS A SUPPLEMENTAL SHEET TO SHEET B OF PLAT OF HIGHWAYS PREPARED BY RUETTIGER, TONELLI & ASSOC. HAVING A REVISION DATE OF 8/6/2006. SUPPLEMENTAL INFORMATION ON THIS SHEET INCLUDES:  
 UPDATING PARCEL 1EU0022  
 UPDATING PARCEL 1EU0023  
 UPDATING PARCEL 1EU0024  
 SEE RUETTIGER, TONELLI & ASSOC. PLAT FOR OTHER INFORMATION.

CURVE 1  
 P.I. STA= 14+64.16  
 Δ= 01°03'52"  
 D= 00°31'15"  
 R= 10000.00'  
 T= 102.17'  
 E= 204.33'  
 E= 0.475'  
 P.C. STA= 13+61.99  
 P.T. STA= 15+66.33

RECEIVED:  
 OCT 14 2011  
 PLATS & LEGALS

SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EU0022	PATRICK HARRISON AND PATRICIA A. MOLEY HARRISON	0.699	0.048	N/A	0.651	N/A	N/A	N/A	07-13-318-010 07-13-318-009	
1EU0023	MARCIA S. BLAIN, AS TRUSTEE TRUST NO. 3160	0.441	0.064	N/A	0.377	N/A	N/A	N/A	07-13-319-017	
1EU0024	BRIAN R. & NANCY E. HENDRICKSON	0.355	0.084	N/A	0.271	N/A	N/A	N/A	07-13-319-013	
1EU0051	SANDRA J. CREEL	0.696	N/A	N/A	0.696	0.025 10986.4	N/A	N/A	07-13-318-004	

\* DENOTES DISTANCE TO 1/4 SECTION LINE

RUETTIGER, TONELLI & ASSOCIATES, INC.  
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
 2174 OWEN STREET  
 JOLIET, ILLINOIS 60435  
 PH (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 FAP 346 US 41 • IL 132  
 LIMITS: COUNTY: LAKE  
 PROJECT: JOB NO.: R91-021-02  
 STATION 11+86.94 TO STATION 16+50  
 SCALE: 1"=20' SHEET 8b OF 20

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

PART OF THE SW 1/4 OF SECTION 13, T45N, R11 EAST OF THE 3rd PM, LAKE COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EU0025	GEORGE W. & DAYNA J. BUTLER	0.374	0.086	0.003	0.288	N/A	N/A	N/A	07-13-320-003	
1EU0026	TRACEY & DANIELLE DEVERO	0.352	0.079	N/A	0.273	N/A	N/A	N/A	07-13-320-004	
1EU0027	DEUTSCHE BANK NATIONAL TRUST COMPANY, AS TRUSTEE	0.412	0.412	N/A	0.000	N/A	N/A	N/A	07-13-320-009	
1EU0034	FRANK S. & FOEL ARONIS	0.832	0.203	N/A	0.629	0.009	0.394	N/A	07-13-320-002	
1EU0045	LESTER O. & ESTELLE I. COOKSON	0.022	0.022	N/A	0.000	N/A	N/A	N/A	07-13-300-111 (p1)	
1EU0046	PEOPLE OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION	0.014	0.014	N/A	0.000	N/A	N/A	N/A	07-13-300-110	07-13-300-123

• DENOTES DISTANCE TO THE QUARTER SECTION LINE

LEGEND

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 3/4 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- + CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- EXISTING TELEPHONE SPlice BOX
- EXISTING STREET LIGHT
- EXISTING MAIL BOX
- EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY, SET 3/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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- SECTION CORNER
- QUARTER SECTION CORNER

STATE OF ILLINOIS )  
COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY. THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

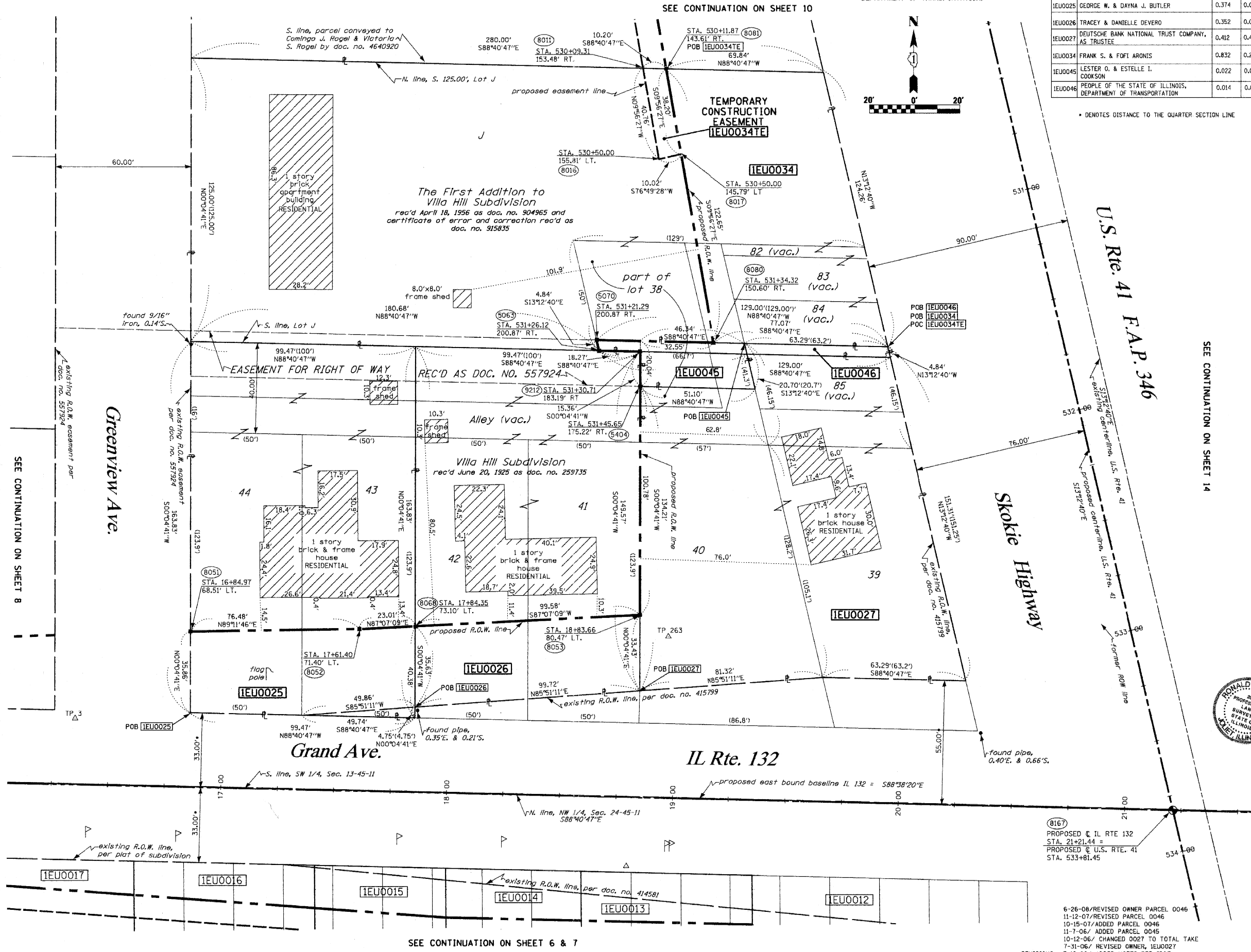
DATED AT JULIET, ILLINOIS THIS 21st DAY OF JULY, 2008 A.D.  
RONALD F. HODGEN P.L.S. NO. 2630

SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

RUETTIGER, TONELLI & ASSOCIATES, INC.  
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
2174 OREGON STREET SUITE 110 NAPERVILLE, ILLINOIS 60563  
PH (630) 744-6600 FAX (630) 744-0101 PH (630) 420-7740 FAX (630) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAP 346 US 41 @ IL 132  
LAKE COUNTY  
JOB NO. R-91-021-02  
STATION 530+00 TO STATION 534+00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 1  
201 WEST CENTER COURT  
SCHAMBERG, ILLINOIS 60196



SEE CONTINUATION ON SHEET 8

SEE CONTINUATION ON SHEET 14

SEE CONTINUATION ON SHEET 6 & 7

6-26-08/REVISED OWNER PARCEL 0046  
11-12-07/REVISED PARCEL 0046  
10-15-07/ADDED PARCEL 0046  
11-7-06/ ADDED PARCEL 0045  
10-12-06/ CHANGED 0027 TO TOTAL TAKE  
7-31-06/ REVISED OWNER, 1EU0027  
REVISIONS: 7-12-06/ ADDED NOTES PER 100T

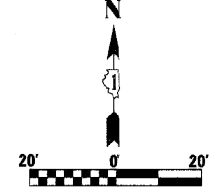
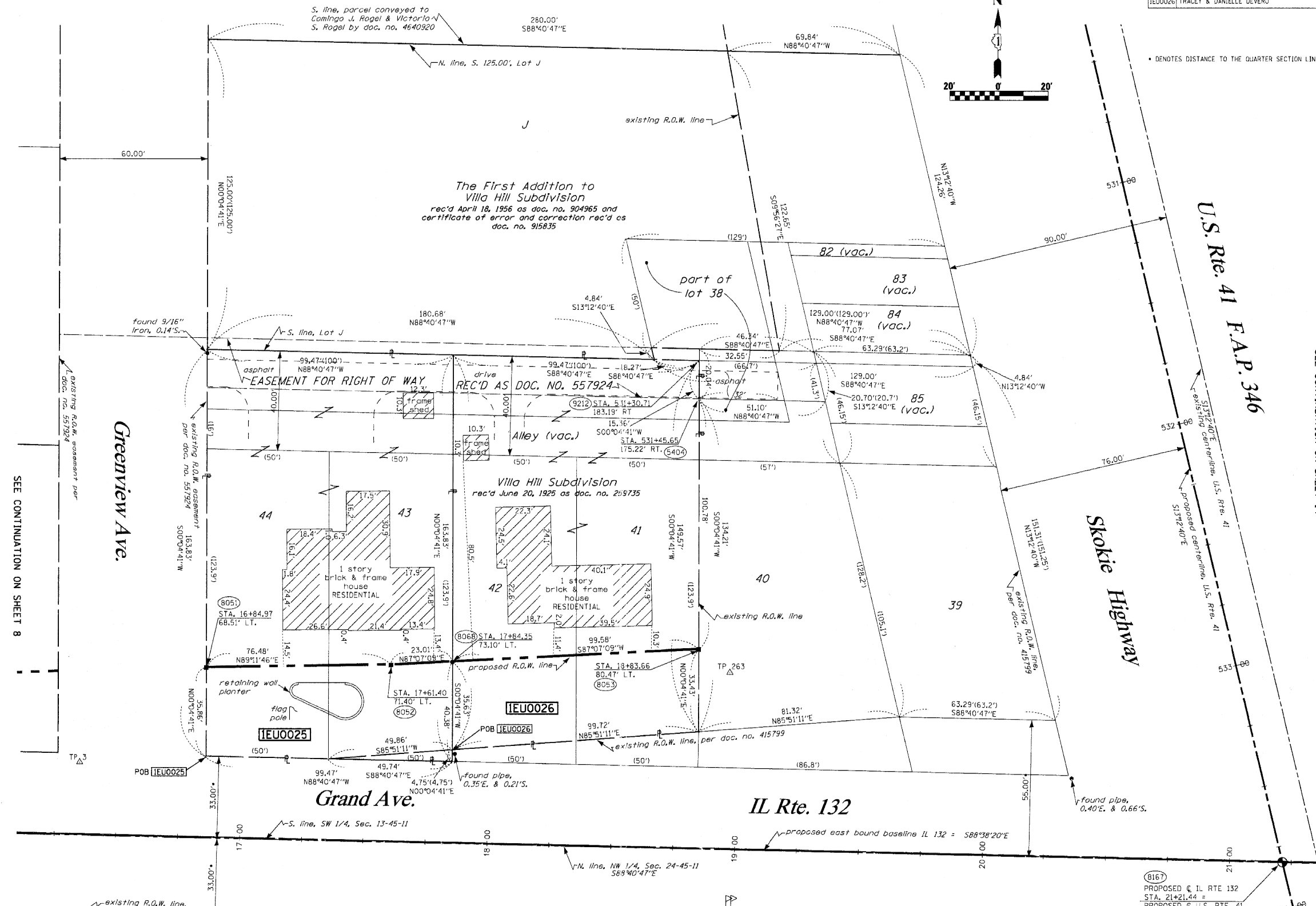


PART OF THE SW 1/4 OF SECTION 13, T45N, R11 EAST OF THE 3rd PM, LAKE COUNTY, ILLINOIS

SEE CONTINUATION ON SHEET 10

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EJ0025	GEORGE W. & DAYNA J. BUTLER	0.374	0.086	0.003 118s.f.	0.288	N/A	N/A	N/A	07-13-320-003	
1EJ0026	TRACEY & DANIELLE DEVERO	0.352	0.079	N/A	0.273	N/A	N/A	N/A	07-13-320-004	



**LEGEND**

- EXISTING CENTERLINE
- - - PROPOSED CENTERLINE
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- PERMANENT SURVEY MONUMENT
- I.O.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- EXISTING TELEPHONE SPLICE BOX
- EXISTING STREET LIGHT
- EXISTING MAIL BOX
- EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY, SET 3/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, SET 3/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- SECTION CORNER
- QUARTER SECTION CORNER

SEE CONTINUATION ON SHEET 8

SEE CONTINUATION ON SHEET 14

STATE OF ILLINOIS )  
COUNTY OF WILL )

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ A.D.

RONALD F. HODDEN P.L.S. NO. 2650

SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

RECEIVED JUN 17 2010 PLATS & LEGALS  
RUETTIGER, TONELLI & ASSOCIATES, INC.  
Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants  
2174 ONEIDA STREET  
JOLIET, ILLINOIS 60438  
PH (815) 744-9800 FAX (815) 744-0101

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAP 346 US 41 @ IL 132  
LAKE COUNTY  
JOB NO. R-91-021-02  
STATION 530+00 TO STATION 534+00

NOTE:  
THIS PLAT WAS PREPARED AS A SUPPLEMENTAL SHEET TO SHEET 9 OF PLAT OF HIGHWAYS PREPARED BY RUETTIGER, TONELLI & ASSOC. HAVING A REVISION DATE OF 6/26/2008. SUPPLEMENTAL INFORMATION ON THIS SHEET INCLUDES:  
UPDATING PARCEL 1EJ0025  
UPDATING PARCEL 1EJ0026  
SEE RUETTIGER, TONELLI & ASSOC. PLAT FOR OTHER INFORMATION.

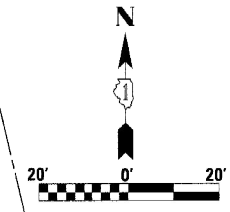
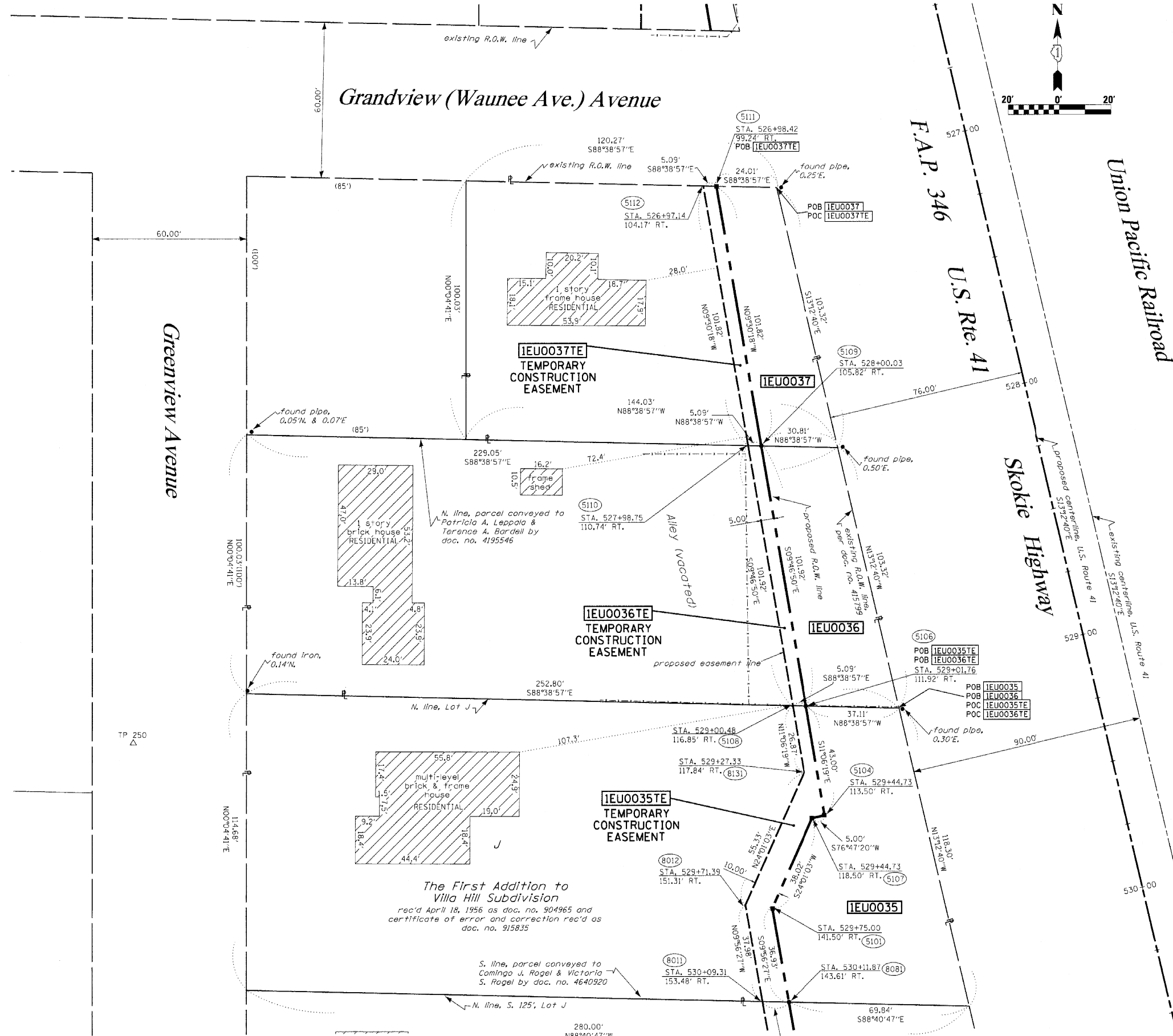
(816)  
PROPOSED & IL RTE 132  
STA. 21+21.44 =  
PROPOSED & U.S. RTE. 41  
STA. 533+61.45

SEE CONTINUATION ON SHEET 6 & 7

SEE CONTINUATION ON SHEET 11

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1E00035	DOMINGO J. ROGEL & VICTORIA S. ROGEL	0.701	0.140	N/A	0.561	0.024	N/A	CONSTR.	07-13-320-008	
1E00036	PATRICIA A. LEPPALA & TERENCE A. BARDELL	0.555	0.078	N/A	0.475	0.012	N/A	CONSTR.	07-13-300-075	
1E00037	ADELYNE & CINDY SOLUM	0.303	0.063	N/A	0.240	0.012	N/A	CONSTR.	07-13-300-074	



**LEGEND**

- EXISTING CENTERLINE
- - - PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- - - PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY IDEED LINE
- A.P.L. APPARENT PROPERTY LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 3/8 INCH IRON ROD
- ⊙ PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- + CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LG EXISTING STREET LIGHT
- MAIL EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULVERTED AREAS. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

SECTION CORNER and QUARTER SECTION CORNER symbols are also shown.

SEE CONTINUATION ON SHEET 14

STATE OF ILLINOIS )  
 COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 29 DAY OF August 2006.

*Ronald F. Hodgen*  
 RONALD F. HODGEN P.L.L.S. NO. 2630



**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
 214 ONEIDA STREET JOLIET, ILLINOIS 60435  
 2630 SOUTH WASHINGTON STREET SUITE 170 NAPERVILLE, ILLINOIS 60565  
 PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-1740 FAX (630) 420-1741

RECEIVED 58  
 AUG 21 2006  
 PLATS & LEGALS

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS  
 FAP 346 US 41 @ IL 132

LAKE COUNTY  
 JOB NO. R-91-021-02  
 STATION 526+50 TO STATION 530+50

SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

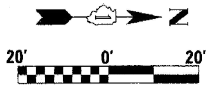
REVISIONS: 7-31-06/ REVISED OWNER FOR PARCEL 0035  
 REVISIONS: 7-12-06/ ADDED NOTES PER IDOT

SEE CONTINUATION ON SHEET 9

SHEET 10 OF 20

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS-DISTRICT 1  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196

SHEET 1 OF 20 IS A COVER SHEET AND IS NOT RECORDED  
 RT&A 20021947 (US 41)



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1E00038	ALEKSANDAR & DRAGICA PESIC	0.287	0.021	N/A	0.266	0.077	N/A	CONSTR.	07-13-300-028	
1E00040	GURNEE PARK DISTRICT	1.647	N/A	N/A	1.647	0.161	N/A	CONSTR.	07-13-300-025 07-13-315-013	

**LEGEND**

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 1/4" INCH IRON ROD
- PERMANENT SURVEY MONUMENT
- I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- ⊕ CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- XL EXISTING STREET LIGHT
- MAIL EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY, SET 1/4" INCH METAL ROD WITH DIVISION OF HIGHWAY 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, SET 1/4" INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

Grandview (Waunee Ave.) Ave.

Grandville Ave. (Bonicroft)

Lot "H"  
The First Addition to Villa Hill Subdivision  
Rec'd April 18, 1956 as doc. no. 904965

1E00040TE  
TEMPORARY  
CONSTRUCTION  
EASEMENT

1E00038TE  
TEMPORARY  
CONSTRUCTION  
EASEMENT

Skokie Highway  
U.S. Rte. 41  
F.A.P. 346

STATE OF ILLINOIS )  
COUNTY OF WILL ) SS

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**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
214 ONEIDA STREET  
JOLIET, ILLINOIS 60435  
PH. (815) 744-6600 FAX (815) 744-0101

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
FAP 346 US 41 @ IL 132  
LAKE COUNTY  
JOB NO. R-91-021-02  
STATION 519+75 TO STATION 526+50

DATE: JOLIET, ILLINOIS THIS 21<sup>ST</sup> DAY OF AUGUST, 2006 A.D.  
RONALD F. HODGEN P.L.S. NO. 2630



SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

REVISIONS: 7-12-06/ ADDED FENCE PER IDOT

**PROPOSED CURVE NO. 2 - U.S. ROUTE 41**  
P.I. STA. = 517+57.77  
R = 1383.00'  
T = 560.17'  
L = 1064.48'  
CH = 1038.40'  
CB = 535°15'40"E  
Δ = 44°06'00"  
θ = 109.14'  
P.C. STA. = 511+97.60  
P.T. STA. = 522+62.08

**EXISTING CURVE NO. 1 - U.S. ROUTE 41**  
P.I. STA. = 516+18.97  
R = 1432.69'  
T = 868.99'  
L = 1562.25'  
CH = 1486.00'  
CB = 544°26'59"E  
Δ = 62°28'38"  
θ = 242.94'  
P.C. STA. = 507+49.98  
P.T. STA. = 523+12.23

RECEIVED  
AUG 21 2006  
PLATS & LEGALS

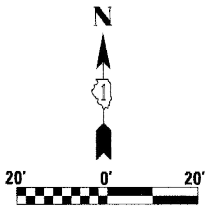
SEE CONTINUATION ON SHEET 14

SEE CONTINUATION ON SHEET 10

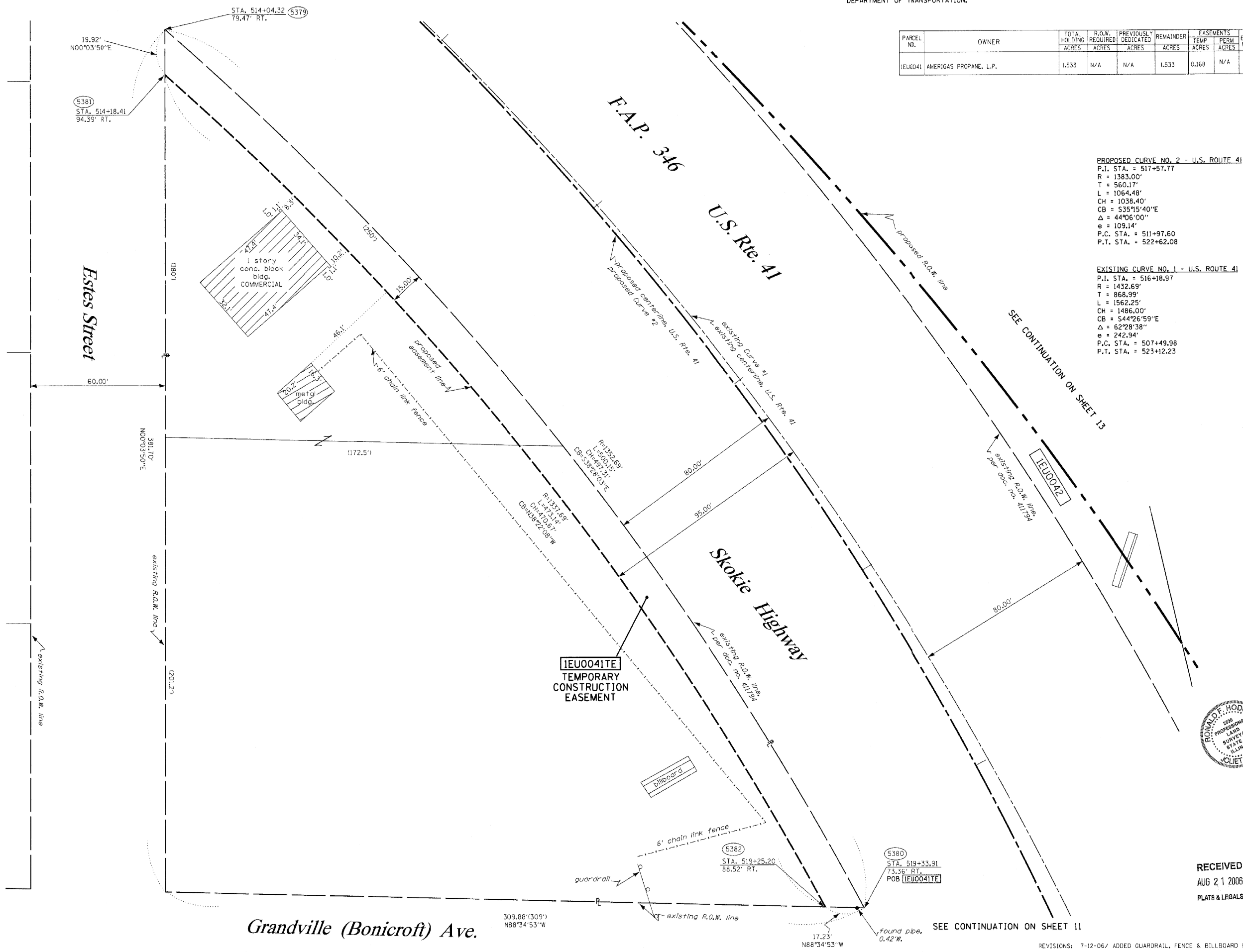
SEE CONTINUATION ON SHEET 12

PART OF THE SW 1/4 OF SECTION 13, T45N, R11 EAST OF THE 3rd PM, LAKE COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EU0041	AMERIGAS PROPANE, L.P.	1.533	N/A	N/A	1.533	0.168	N/A	CONSTR.	07-13-300-008	



**PROPOSED CURVE NO. 2 - U.S. ROUTE 41**  
 P.I. STA. = 517+57.77  
 R = 1383.00'  
 T = 560.11'  
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 CH = 1038.40'  
 CB = 535°15'40"E  
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 e = 109.14'  
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- LEGEND**
- EXISTING CENTERLINE
  - - - - PROPOSED CENTERLINE
  - EXISTING RIGHT OF WAY LINE
  - - - - PROPOSED RIGHT OF WAY LINE
  - - - - PROPOSED EASEMENT LINE
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  - FOUND IRON PIPE OR IRON ROD
  - SET 3/8" INCH IRON ROD
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  - SECTION CORNER
  - QUARTER SECTION CORNER

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF WILL )

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DATED AT JOLIET, ILLINOIS THIS 21<sup>ST</sup> DAY OF AUGUST 2006.

*Ronald F. Hodgen*  
 RONALD F. HODGEN P.L.S. NO. 2630



SEE SHEETS 18 THROUGH 20 FOR MONUMENTATION REFERENCE TIES AND COORDINATES

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
 217 ONEIDA STREET 2630 SOUTH WASHINGTON STREET SUITE 170  
 JOLIET, ILLINOIS 60438 NAPERVILLE, ILLINOIS 60565  
 PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-7740 FAX (630) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS  
 FAP 346 US 41 @ IL 132

LAKE COUNTY  
 JOB NO. R-91-021-02  
 STATION 514+00 TO STATION 519+50

RECEIVED  
 AUG 21 2006  
 PLATS & LEGALS

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS-DISTRICT 1  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196

SHEET 1 OF 20 IS A COVER SHEET AND IS NOT RECORDED  
 RT&A 20021947 (US 41)