

04-27-2018 LETTING ITEM 160

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	K510	1
ILLINOIS CONTRACT NO. 60T75				

*510 + 4 = 514 TOTAL SHEETS

FOR INDEX OF SHEETS AND LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

AVERAGE DAILY TRAFFIC

US ROUTE 45 NORTH OF GRASS LAKE RD=10,100 (2009) 23,000 (2040)
 US ROUTE 45 SOUTH OF GRASS LAKE RD=16,000 (2009) 34,000 (2040)
 GRASS LAKE ROAD=9,700 (2009) 18,000 (2040)
 OLD US ROUTE 45=VA (2009) 5,000 (2040)
 INDEPENDENCE BOULEVARD= <1,000 (2009) <1,000 (2040)

DESIGN DESIGNATION

US ROUTE 45=OTHER PRINCIPAL ARTERIAL 7.74 (PCC-20)
 GRASS LAKE ROAD=MINOR ARTERIAL 0.93 (HMA-20)
 OLD US ROUTE 45= LOCAL 0.96 (HMA-20)
 INDEPENDENCE BOULEVARD=LOCAL 0.27 (HMA-20)

DESIGN SPEED

US ROUTE 45=50 MPH
 GRASS LAKE ROAD=50 MPH
 OLD US ROUTE 45=30 MPH
 INDEPENDENCE BOULEVARD=30 MPH

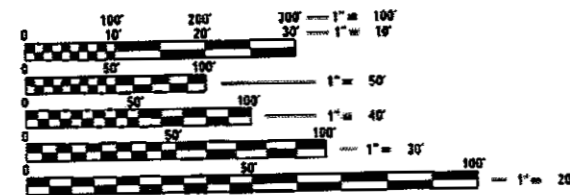
POSTED SPEED LIMIT

US ROUTE 45=45 MPH
 GRASS LAKE ROAD=45 MPH
 OLD US ROUTE 45=25 MPH
 INDEPENDENCE BOULEVARD=25 MPH

PROJECT LOCATED IN THE VILLAGE OF OLD MILL CREEK, THE VILLAGE OF LINDENHURST AND UNINCORPORATED LAKE COUNTY

LIST OF STRUCTURAL WORK

US ROUTE 45 OVER MILLBURN CREEK	STR. NO. 049-0610
US ROUTE 45 OVER UNNAMED TRIBUTARY TO MILLBURN CREEK	STR. NO. 049-0006 049-0611 049-0007



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

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

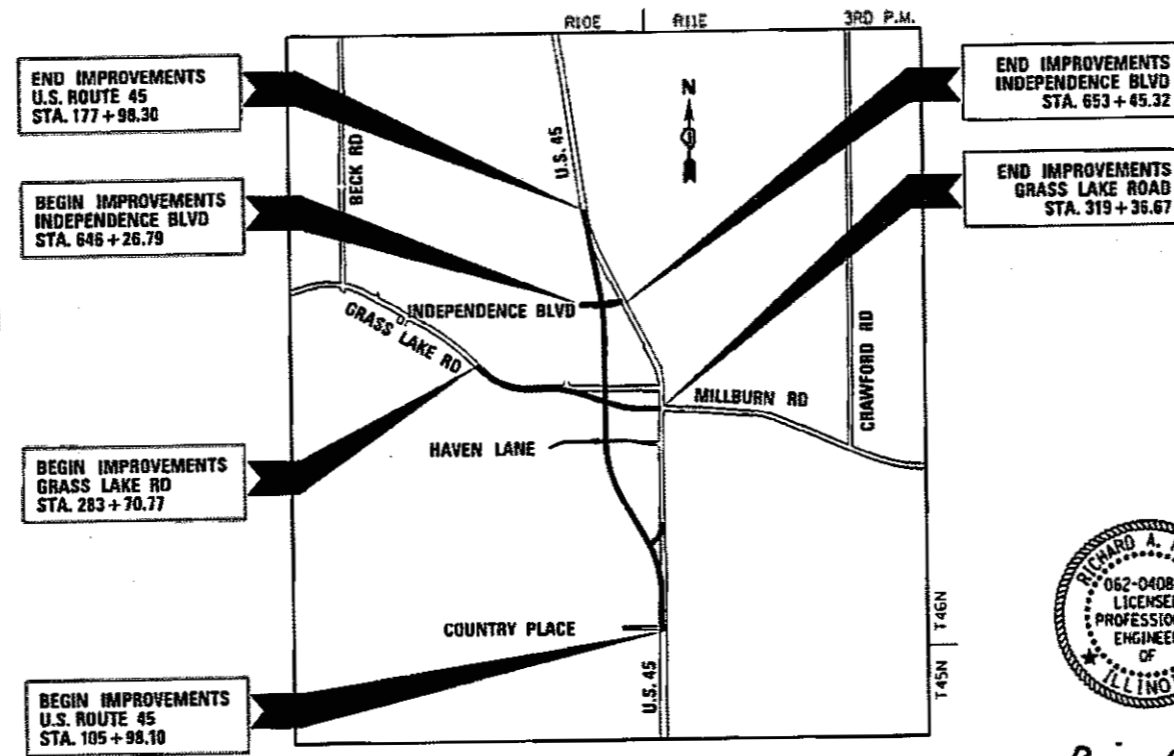
PROJECT ENGINEER: SUNG BYUN (847) 705-4288
 PROJECT MANAGER: KIM HARVEY (847) 705-4055

CONTRACT NO. 60T75

PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 344 (U.S. ROUTE 45)
SECTION: 39 R

FROM NORTH OF GRASS LAKE ROAD
TO COUNTRY PLACE
NEW CONSTRUCTION
LAKE COUNTY
C-91-424-12



LAKE VILLA AND NEWPORT TOWNSHIPS
 SCALE: 1"=3000'
 GROSS LENGTH AND NET LENGTH = 10,390 FT. = 1.97 MILES



Richard A. Hill
 SIGNATURE
 EXPIRES: 11/30/17
 DATE: 7/14/17
 SHEETS: 1-510

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 SUBMITTED: July 24, 2017
Anthony J. Quigley
 REGIONAL ENGINEER
Mark...
 ENGINEER OF DESIGN AND ENVIRONMENT
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PLANS PREPARED BY:
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SEA 3041 Woodcreek Drive, Suite 211 Downers Grove, IL 60515-5417 Telephone: 630-641-9900 Office 630-209-0307 Cell
AMES CONSULTING ENGINEERS 5413 Walnut Ave, Suite 2F Downers Grove, IL 60515 630-737-1987 (T) 630-470-9891 (F)

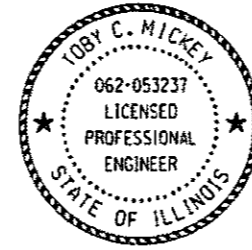
SEE SHEET 3 FOR ADDITIONAL SEALS

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SIGNED Jiahong Zuo
 DATE 9/23/2017
 EXPIRES 11/30/2018
 FOR DRAWINGS 316 TO 343



SIGNED Toby Mickey
 DATE 9/20/2017
 EXPIRES 11/30/2017
 FOR DRAWINGS 292 TO 315



SIGNED Steven M. Schuster
 DATE 9/26/2017
 EXPIRES 11/30/2017
 FOR DRAWINGS 156 TO 204

FILE NAME: C:\Users\paul\p1e2\p1e2\m1\B\Laboratory\Illinois State Documents\USA5 - 61795148 - Design\CAD\Roadway\Sheet\0060173.dwg

USER NAME * 35361	DESIGNED FZ	REVISED *
PLOT SCALE * 2.0000 / 1 in.	DRAWN FZ	REVISED
PLOT DATE * 9/25/2017	CHECKED BH	REVISED
	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ENGINEERING SEALS AND SIGNATURES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	3
CONTRACT NO. 60775				
ILLINOIS FED. AID PROJECT				

COMMITMENTS

1. MILLBURN CREEK AND THE TRIBUTARY TO MILLBURN CREEK WITHIN THE CENTRAL SECTION OF THE PROJECT ARE IDENTIFIED WETLAND LOCATIONS. BASED ON DISCUSSIONS WITH USACE, USFWS, AND THE USEPA AS PART OF THE NEPA/404 PROJECT COORDINATION, TO THE EXTENT FEASIBLE IMPACTS TO THESE SITES ARE TO BE MINIMIZED AND ACCOMMODATIONS FOR THE MOVEMENT OF SMALL TO MEDIUM SIZE TERRESTRIAL WILDLIFE ARE TO BE PROVIDED.

2. THE LAKE COUNTY FOREST PRESERVE DISTRICT SHALL BE COORDINATED WITH IF STREAM BANK STABILIZATION OF MILLBURN CREEK WEST OF THE PROPOSED U.S. ROUTE 45 BYPASS EXTENDS FURTHER THAN ANTICIPATED AND ENCLOSES INTO THE MC DONALDS WOODS PROPERTY. THE LAKE COUNTY FOREST PRESERVE DISTRICT SHALL BE COORDINATED WITH IN REGARDS TO THE MILLENNIUM TRAIL CONNECTION TO THE U.S. ROUTE 45 BYPASS BIKE PATH, ANTICIPATED TO BE APPROXIMATELY AT STATION 133+00.

3. STORM SEWER TO BE INSTALLED BELOW THE UNNAMED TRIBUTARY TO MILLBURN CREEK SHALL BE JACKED IN PLACE FROM APPROXIMATELY STATION 133+54 TO STATION 135+88 TO AVOID ENVIRONMENTAL IMPACTS.

GENERAL NOTES

1. HORIZONTAL CONTROL IS HARN (HPGN) ILLINOIS STATE PLANES EAST ZONE, US FOOT. VERTICAL CONTROL IS NGS NAVD 88.
2. ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.
3. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, LAKE COUNTY, THE VILLAGE OF LINDENHURST AND THE VILLAGE OF OLD MILL CREEK, FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, GOVERNMENT AGENCIES, AND ANY ADJACENT PROJECTS THAT ARE OR MAY BE UNDER CONSTRUCTION.
5. THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS PRIOR TO BEGINNING ANY WORK.
6. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN CONSENT FROM THE DEPARTMENT.
7. THE CONTRACTOR SHALL USE CARE WHEN WORKING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED/REPLACED BY THE CONTRACTOR AT THE CONTRACTORS' OWN EXPENSE.
8. WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
9. ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
11. ANY SUBCONTRACTOR CHOSEN TO DO UNDERGROUND STORAGE TANK REMOVAL AND/OR SPECIAL OR HAZARDOUS WASTE MANAGEMENT MUST BE ON THE STATE FIRE MARSHALL'S CURRENTLY APPROVED LIST OF QUALIFIED CONTRACTORS TO DO SUCH WORK. PRIOR TO ANY INVOLVEMENT WITH SPECIAL OR HAZARDOUS WASTE, THE PRIME CONTRACTOR SHALL NOTIFY THE DISTRICT ENVIRONMENT UNIT HAZARDOUS WASTE COORDINATOR WHO THIS DESIGNATED SUB-CONTRACTOR IS AND FURNISH FIVE PROJECTS THIS SUB-CONTRACTOR HAS SUCCESSFULLY CONCLUDED, INCLUDING THE IEPA INCIDENT NUMBER. THE DISTRICT WILL THEN CONFIRM THE SUCCESSFUL CONCLUSION OF THESE PROJECTS BY REVIEWING THE IEPA DATA BASE. ONLY AFTER APPROVAL FROM THE DISTRICT ENVIRONMENT UNIT WILL THE SUB-CONTRACTOR BE AUTHORIZED TO PROCEED WITH ANY INVOLVEMENT WITH SPECIAL/HAZARDOUS WASTE.
12. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB & GUTTER AND MEDIAN SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.
13. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF RAILING WITH A FULLY LOADED TANDEM - AXLE TRUCK.
14. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

PERMITS

1. THIS PROJECT REQUIRES A U.S. ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR SHALL PREPARE AND SUBMIT IN-STREAM WORK PLANS (ALL COFFERDAMS, WORK PADS, AND EROSION AND SEDIMENT CONTROL, ETC.) TO THE BUREAU OF MAINTENANCE FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE CORPS WEBSITE; [HTTP://WWW.LRC.USARC.ARMY.MIL/](http://www.lrc.usarc.army.mil/). THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL IN-STREAM WORK ITEMS 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.
2. THE CONTRACTOR MUST BE IN COMPLIANCE WITH THE 404 PERMIT AT ALL TIMES. ACTIVITY IN DESIGNATED WETLAND AREAS IS RESTRICTED TO THOSE AREAS SPECIFICALLY IDENTIFIED AS "IMPACTED" IN THE 404 PERMIT DOCUMENT.
3. TEMPORARY FENCE AND "WETLAND NO INTRUSION SIGNAGE" SHALL BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WATERS OF THE U.S. (WOUS) AS SHOWN ON THE PLANS WITHIN THE PROJECT LIMITS. SIGNS CAN BE BORROWED FROM THE BUREAU OF MAINTENANCE (CONTACT PHONE: 847-705-4171).
4. 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 11.C.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISION TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

UTILITIES

1. IF THE CONTRACTOR ENCOUNTERS PREVIOUSLY UNIDENTIFIED UTILITIES DURING EXCAVATION, THE CONTRACTOR SHALL FIRST DETERMINE IF THE UTILITY IS ABANDONED. IF THE UTILITY IS ABANDONED, THE CONTRACTOR SHALL REMOVE THE PORTIONS OF THE UTILITY THAT CONFLICT WITH CONSTRUCTION OPERATIONS AND DISPOSE OF THE REMOVED UTILITY OUTSIDE OF THE STATE RIGHT OF WAY. THIS WORK SHALL BE PAID FOR PER ARTICLE 109.04.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS OF HIS CONSTRUCTION SCHEDULE AND SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY OWNERS SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER. NOTIFICATION SHALL BE IN WRITING, WITH COPIES TRANSMITTED TO THE ENGINEER.
3. ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

DATE	BY	SURVEYED	ALIGNED	CHECKED
PLAN	NO.	NOTE BOOK	NO.	DATE

DATE	BY	SURVEYED	ALIGNED	CHECKED
PROFILE	NO.	NOTE BOOK	NO.	DATE

FILE NAME = pm1\expl\lab2\p\un01\lab\p\m\illinois State\Documents\US45 - Design\CAD\Roadway\Sheets\1180775_sht_gm_d1.dgn

USER NAME = 35361	DESIGNED FZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				GENERAL NOTES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:8000 / 1"	DRAWN FZ	REVISED									344	39 R	LAKE	510	4
PLOT DATE = 9/14/2017	CHECKED BN	REVISED	SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT				
	DATE 02/02/2017	REVISED													

ROADWAY

1. AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR THE REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT 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 CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER.

2. 10' TRANSITIONS SHALL BE USED TO MATCH THE PROPOSED CURB AND GUTTER TO THE EXISTING CURB AND GUTTER, OR TO TERMINATE THE PROPOSED CURB AND GUTTER. THE TERMINATION OF ANY PROPOSED CURB AND GUTTER SHALL TRANSITION TO A ZERO INCH CURB HEIGHT. THE TRANSITION SECTION SHALL BE PAID FOR AS THE CURB & GUTTER ITEM BEING TRANSITIONED.

3. FULL-DEPTH SAW CUTS SHALL BE USED TO REMOVE EXISTING PAVEMENT AND APPURTENANCES FROM MATERIAL TO REMAIN IN ACCORDANCE WITH SECTION 440. ALL SAW CUTS REQUIRED FOR ANY REMOVAL ITEMS, INCLUDING PARTIAL REMOVAL NECESSARY FOR STAGE CONSTRUCTION, SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM.

4. HOT-MIX ASPHALT BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY BACKFILLED TO THE SATISFACTION OF THE ENGINEER.

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

6. THE THICKNESS OF HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT IS PLACED.

7. ALL SIDEWALKS, MULTIUSE PATHS AND DRIVEWAYS WITHIN THE ACCESSIBLE ROUTE (PEDESTRIAN ZONE) HAVE BEEN DESIGNED AT A 1.5% CROSS SLOPE AND SHALL NOT EXCEED 2.0% CROSS SLOPE. THE SIDEWALK THICKNESS SHALL BE INCREASED TO 6" FOR PRIVATE ENTRANCES AND 8" FOR COMMERCIAL ENTRANCES AT LOCATIONS WHERE THE SIDEWALK IS WITHIN THE DRIVEWAY LIMITS. THE COST FOR THE ADDITIONAL THICKNESS OF SIDEWALK SHALL BE INCLUDED IN THE SIDEWALK PAY ITEMS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PAVEMENT MARKING AND SIGNING

1. ANY SIGN WHICH IS DAMAGED DURING THE TIME IT IS STORED SHALL BE REPAIRED OR REPLACED IN KIND BY THE CONTRACTOR AT HIS OWN EXPENSE PRIOR TO PERMANENT REINSTALLATION.

2. ALL UNUSED SIGNS AND POSTS SHALL BE RETURNED TO THE JURISDICTION FROM WHICH IT WAS REMOVED.

3. THE COST OF STORING AND SAFEGUARDING THE PERMANENT SIGNS AND POSTS, AND REINSTALLING THE PERMANENT SIGNS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "RELOCATE SIGN PANEL ASSEMBLY" OF THE TYPE SPECIFIED. NEW SIGN SUPPORTS SHALL BE USED FOR REINSTALLED SIGNS UNLESS OTHERWISE NOTED. FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE TEMPORARY SIGNS SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION ITEMS. THE NEW SUPPORTS SHALL BE PAID FOR AS "TELESCOPING STEEL SIGN SUPPORT."

4. THE RESIDENT ENGINEER SHALL EMAIL WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER, AT walter.czarny@illinois.gov AT LEAST (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.

DRAINAGE

1. 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 THEM. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM ALL THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE, INCLUDING PAVEMENT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.

2. CULVERT & BRIDGE FLOWS MUST BE MAINTAINED THROUGHOUT THE PROJECT. NORMAL FLOW SHALL BE ALLOWED TO PASS AT THE RATE IT ENTERS THE JOBSITE. HIGH FLOWS SHALL BE ALLOWED TO PASS WITHOUT CAUSING DAMAGE TO UPSTREAM PROPERTIES.

3. THE WORK REQUIRED TO CONNECT ANY SEWER TO ANY DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE STORM SEWER ITEMS.

4. UNLESS OTHERWISE NOTED ON THE PLANS, THE EXISTING DRAINAGE FACILITIES SHALL REMAIN IN USE DURING THE PERIOD OF CONSTRUCTION. LOCATIONS OF EXISTING DRAINAGE STRUCTURES AND SEWERS AS SHOWN ON THE PLANS ARE APPROXIMATE. PRIOR TO COMMENCING WORK, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL DETERMINE THE EXACT LOCATIONS OF EXISTING STRUCTURES WHICH ARE WITHIN THE PROPOSED CONSTRUCTION LIMITS.

5. DURING CONSTRUCTION, IF THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS, UNDERDRAINS OR FIELD DRAINS WITHIN THE RIGHT-OF-WAY OTHER THAN THOSE SHOWN ON THE PLANS, HE SHALL SO INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF THE NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE. SHOULD THE ENGINEER HAVE DIRECTED THE REPLACEMENT OF A FACILITY, THE NECESSARY WORK AND PAYMENT SHALL BE IN ACCORDANCE WITH SECTIONS 550 AND 601, AND ARTICLE 104.02 OF THE STANDARD SPECIFICATIONS.

6. THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES OR CATCH BASINS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS.

7. TOP OF FRAME ("RIM") ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS A PART OF THE STRUCTURE COST.

8. ANY TEMPORARY DAMMING OR PUMPING REQUIRED FOR THE EXCAVATIONS FOR THE STORM SEWER OR CULVERT CONNECTIONS SHALL BE INCLUDED IN THE COST OF THE STORM SEWER OR CULVERT BEING CONSTRUCTED.

LANDSCAPING

1. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO LAKE COUNTY FOREST PRESERVE. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

2. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

3. THE CONTRACTOR SHALL ERECT TEMPORARY FENCE AROUND ALL TREES TO REMAIN WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

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

5. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

6. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED), MESIC PRAIRIE, SEDGE MEADOW & EMERGENT, AND WET PRAIRIE SHALL BE FROM NOVEMBER 1 TO MAY 31. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.

7. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.

8. THE ENGINEER WILL CONTACT MELISSA DEL ROSARIO OF THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4391, AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT OF THE SEEDING, TREES, SHRUBS, AND PLUGS.

9. PLUGS SHALL BE PLANTED ON 24" CENTERS AFTER MAY 1ST WHEN FROST IS NO LONGER LIKELY AT THE APPROPRIATE TIME AND CONDITIONS FOR SUCH PLANTINGS. SEE SPECIAL PROVISION PLANTING WETLAND, SEDGE MEADOW PLUGS. SEE SCHEDULE OF LANDSCAPING ITEMS FOR TYPE OF PLUGS, QUANTITIES, AND PLANTING DEPTH FOR EACH PLANT SPECIES.

10. GOOSE GRID BARRIER SHALL BE INCLUDED IN THE COST OF PERENNIAL PLANTS, SEDGE MEADOW TYPE, PLUG.

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USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN FZ	REVISED
PLOT SCALE = 1.0000 ' / in.	CHECKED BN	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
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GENERAL NOTES	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 5
CONTRACT NO. 60775				
ILLINOIS FED. AID PROJECT				

EROSION AND SEDIMENT CONTROL

1. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT AND THE STORM WATER POLLUTION PREVENTION PLAN.
2. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
3. ALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE "IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION AND INSPECTION" AND IDOT'S "BEST MANAGEMENT PRACTICES MAINTENANCE GUIDE" AVAILABLE AT <http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>. MAINTENANCE AND REPAIR OR REPLACEMENT OF EROSION CONTROL ITEMS, WHEN DIRECTED BY THE ENGINEER, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEMS.
4. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES WEEKLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT OF 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
5. ALL DISTURBED AREAS SHALL BE SEEDED AS SHOWN ON THE LANDSCAPING PLANS AND/OR THE EROSION AND SEDIMENT CONTROL PLANS WITHIN SEVEN (7) DAYS AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED.
6. ALL SLOPES 3:1 OR STEEPER SHALL BE SEEDED IMMEDIATELY AND COVERED WITH EROSION CONTROL BLANKET. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION AND WHERE NO FURTHER WORK IS TO OCCUR FOR 14 DAYS OR MORE SHALL BE SEEDED WITH TEMPORARY EROSION CONTROL SEEDING AND COVERED WITH MULCH METHOD 2 WITHIN ONE (1) CALENDAR DAY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL EARTH STOCKPILES SHALL BE SEEDED WITH TEMPORARY EROSION CONTROL SEEDING.
7. INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES.
8. THE CONTRACTOR SHALL SURROUND ALL EARTH STOCKPILES WITH SILT FILTER FENCE AND SHALL BE PAID FOR AS PERIMETER EROSION BARRIER.
9. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SHOWN ON THE LANDSCAPING PLANS AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. AREAS THAT HAVE BEEN STRIPPED AND WILL NOT RECEIVE PERMANENT LANDSCAPING BEFORE THE END OF THE FALL SEEDING RESTRICTION SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING. SUFFICIENT QUANTITY OF TEMPORARY EROSION CONTROL SEEDING IS SPECIFIED TO COVER THE LIMITS OF THE LANDSCAPING WITHIN THE CONSTRUCTION ZONE.
10. 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. AS DETERMINED BY THE ENGINEER.
11. EROSION CONTROL MEASURES AROUND PROPOSED INLETS AND CULVERTS SHALL BE CONSTRUCTED IMMEDIATELY AFTER THE DRAINAGE ITEMS ARE CONSTRUCTED.
12. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES.
13. ALL COMPLETED SLOPES SHALL BE SEEDED AND MULCHED (OR BLANKETED, IF APPLICABLE) AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. PERMANENT SEEDING SHALL BE USED WHENEVER POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

EROSION AND SEDIMENT CONTROL (CONTINUED)

14. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN OR NEAR CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. THE STREAM BANKS SHOULD BE STABILIZED AT THE END OF EACH DAY. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.
15. A STABILIZED CONSTRUCTION EXIT SHALL BE USED TO MINIMIZE SOIL AND SEDIMENT FROM BEING TRACKED OFF OF THE CONSTRUCTION SITE. THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN IDENTIFYING THE LOCATION OF THE EXITS AND THE PROCEDURE(S) HE WILL USE TO CONSTRUCT AND MAINTAIN THEM.
16. THE USE OF HAY OR STRAW BALES SHALL NOT BE PERMITTED IN THE IMPLEMENTATION OF TEMPORARY DITCH CHECKS.
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 SNOWMELT.
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. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.
22. THIS PROJECT REQUIRES A U.S. ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK IN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK IN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK (WHICH INCLUDES WORK WITHIN WETLANDS) 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.
23. "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. THE CONTRACTOR CAN BORROW THE SIGNS FROM THE BUREAU OF MAINTENANCE. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.

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USER NAME = 36361	DESIGNED FZ	REVISED -
	DRAWN FZ	REVISED
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PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES			
SCALE:	SHEET	OF	SHEETS
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F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 6
CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				LAKE COUNTY					LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP	
				100% COUNTY					80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL	
				ROADWAY	SN 049-0610	SN 049-0611	SN 049-0607	TRAF SIG PR US 45 0 PR GRASS LAKE	TRAF SIG EX US 45 0 PR GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH	TRAFFIC SIGNAL EVP	SIDEWALK
0001	0008	0008	0008	0021	0021	0028	0028	0028	0021	0028				
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	3,154	3,154										
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1,510	1,510										
20100500	TREE REMOVAL, ACRES	ACRE	2.75	2.75										
20101000	TEMPORARY FENCE	FOOT	1,010	1,010										
* 20101100	TREE TRUNK PROTECTION	EACH	75	75										
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	20	20										
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	20	20										
20200100	EARTH EXCAVATION	CU YD	91,927	91,927										
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	15,475	15,105	58	314								
20300100	CHANNEL EXCAVATION	CU YD	773	773										
20700220	POROUS GRANULAR EMBANKMENT	CU YD	2,118	258	1,359	501								
20800150	TRENCH BACKFILL	CU YD	8,316	8,316										
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	21,036	20,133	375	528								

* SPECIALTY ITEMS

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USER NAME = 35361	DESIGNED BN	REVISED
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DATE 02/02/2017	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 7
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE														
				LAKE COUNTY						LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP				
				ROADWAY 0001	SN 049-0610	100% COUNTY		SIDEWALK & PATH 0028	SIDEWALK & PATH 0028	SIDEWALK & PATH 0028	TRAFFIC SIGNAL EVP 0021	SIDEWALK 0028						
						049-0006	049-0611											
TRAF SIG PR US 45 @ PR GRASS LAKE		TRAF SIG EX US 45 @ PR GRASS LAKE																
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	26,061	26,061														
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	300	300														
21400100	GRADING AND SHAPING DITCHES	FOOT	350	350														
25000210	SEEDING, CLASS 2A	ACRE	7.0	7.0														
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	433	433														
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	433	433														
25100125	MULCH, METHOD 3	ACRE	24.0	24.0														
25100630	EROSION CONTROL BLANKET	SO YD	96,099	96,099														
25200110	SODDING, SALT TOLERANT	SO YD	4,044	4,044														
25200200	SUPPLEMENTAL WATERING	UNIT	210	210														
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,212	2,212														
28000305	TEMPORARY DITCH CHECKS	FOOT	1,700	1,700														
28000400	PERIMETER EROSION BARRIER	FOOT	26,829	26,829														
28000500	INLET AND PIPE PROTECTION	EACH	112	112														

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* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES				F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 8
PLLOT SCALE = 1,0000 ' / in.	CHECKED FZ	REVISED									CONTRACT NO. 60775				
PLLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED									ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				LAKE COUNTY						LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP
				100% COUNTY						80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL
				ROADWAY	SN	049-0610	049-0611	049-0612	049-0613	TRAF SIG PR US 45 PR GRASS LAKE	TRAF SIG EX US 45 PR GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH
0001	0008	0008	0008	0008	0008	0021	0021	0028	0028	0028	0021	0028		
28100105	STONE RIPRAP, CLASS A3	SO YD	2,349	2,349										
28100107	STONE RIPRAP, CLASS A4	SO YD	258	258										
28200200	FILTER FABRIC	SO YD	498	498										
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	372		58	314								
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	81,042	81,042										
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SO YD	6,609	6,609										
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	11,624					1,625		9,733		266		
35501303	HOT-MIX ASPHALT BASE COURSE, 4 3/4"	SO YD	2,353	2,353										
35501307	HOT-MIX ASPHALT BASE COURSE, 5 3/4"	SO YD	924	924										
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	992	992										
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	934	934										
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,443	1,443										
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON												
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	203	28				26		149				

*** SPECIALTY ITEMS**

USER NAME = 35361	DESIGNED BN	REVISED
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PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	9
CONTRACT NO. 60775				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LAKELAND COUNTY													
				100% COUNTY						80% COUNTY		80% COUNTY		80% COUNTY	80% COUNTY		
				ROADWAY	SN	SN	TRAFFIC SIG PR GRASS LAKE	TRAFFIC SIG EX GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH	TRAFFIC SIGNAL EVF	SIDEWALK				
				0001	049-0610	049-0006 049-0011 049-0007	0021	0021	0028	0028	0028	0021	0028				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	739	739													
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	9,707	9,707													
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,654	4,654													
42000411	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	SQ YD	48,543	48,543													
42001300	PROTECTIVE COAT	SQ YD	102,508	102,508													
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	46,713							7,253	23,705	13,360					2,395
42400800	DETECTABLE WARNINGS	SQ FT	500	500													
44000100	PAVEMENT REMOVAL	SQ YD	22,273	22,273													
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,687	2,687													
44000600	SIDEWALK REMOVAL	SQ FT	5,625	5,625													
44004250	PAVED SHOULDER REMOVAL	SQ YD	19,565	19,565													
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	32	32													
44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	50	50													
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	50	50													

* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISION -
	DRAWN BN	REVISION
PLOT SCALE = 1:8000 // 1/8"	CHECKED FZ	REVISION
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 10
SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 60T75		
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				LAKE COUNTY						LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP						
				100% COUNTY						80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL						
				ROADWAY	SN 049-0610	SN 049-0006 049-0611 049-0007	TRAF SIG PR US 45 @ PR GRASS LAKE	TRAF SIG EX US 45 @ PR GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH	TRAFFIC SIGNAL EVP	SIDEWALK							
0001	0008	0008	0021	0021	0028	0028	0028	0021	0028											
52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SO FT	1,897		235	1,662														
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	3	1		2														
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	3	1		2														
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	3	1		2														
54001004	BOX CULVERT END SECTIONS, CULVERT NO. 4	EACH	1	1																
54001005	BOX CULVERT END SECTIONS, CULVERT NO. 5	EACH	1	1																
54001006	BOX CULVERT END SECTIONS, CULVERT NO. 6	EACH	1	1																
54001007	BOX CULVERT END SECTIONS, CULVERT NO. 7	EACH	1	1																
54001008	BOX CULVERT END SECTIONS, CULVERT NO. 8	EACH	1	1																
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	960	960																
54010404	PRECAST CONCRETE BOX CULVERTS 4' X 4'	FOOT	105			105														
54010505	PRECAST CONCRETE BOX CULVERTS 5' X 5'	FOOT	104			104														
54011005	PRECAST CONCRETE BOX CULVERTS 10' X 5'	FOOT	105			105														
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4																

* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISED
	DRAWN BN	REVISED
PLOT SCALE = 1:8000 1/8" = 1'	CHECKED FZ	REVISED
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 12
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																	
				LAKE COUNTY						LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP							
				ROADWAY	SN 049-0610	100% COUNTY		TRAFFIC SIG PR US 45 @ PR GRASS LAKE	TRAFFIC SIG EX US 45 @ PR GRASS LAKE	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL							
						049-0006	049-0811			049-0007	0008	0021	0021	0028	0028	0028	0021	0028			
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	10	10																	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1																	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	8	8																	
54215547	METAL END SECTIONS 12"	EACH	1	1																	
54215550	METAL END SECTIONS 15"	EACH	28	28																	
54215559	METAL END SECTIONS 24"	EACH	2	2																	
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	8	8																	
54260311	TRAVERSABLE PIPE GRATE	FOOT	39	39																	
54261342	CONCRETE END SECTION, STANDARD 542001, 42", 1:3	EACH	1	1																	
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	40	40																	
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	590	590																	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	339	339																	
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	127	127																	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	299	299																	

*** SPECIALTY ITEMS**

USER NAME = 35361	DESIGNED BN	REVISED
	DRAWN BN	REVISED
PLOT SCALE = 1:8000' / 1"	CHECKED FZ	REVISED
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 13
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

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 STRUCTURE NOTATION'S C/S/D
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																				
				LAKE COUNTY						LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP										
				100% COUNTY						80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL										
				ROADWAY	SN 049-0610	SN 049-0006	SN 049-0011	SN 049-0007	TRAF SIG PR US 45 & PR GRASS LAKE	TRAF SIG EX US 45 & PR GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH	TRAFFIC SIGNAL E.V.P.	SIDEWALK									
0001	0008	0008	0008	0008	0021	0021	0028	0028	0028	0021	0028													
550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	243	243																				
550A4900	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 24"	FOOT	246	246																				
55100400	STORM SEWER REMOVAL 10"	FOOT	35	35																				
55100500	STORM SEWER REMOVAL 12"	FOOT	383	383																				
55100700	STORM SEWER REMOVAL 15"	FOOT	319	319																				
55201500	STORM SEWERS JACKED IN PLACE, 42"	FOOT	221	221																				
56103000	DUCTILE IRON WATER MAIN 6"	FOOT	59	59																				
56103300	DUCTILE IRON WATER MAIN 12"	FOOT	1,508	1,508																				
56105200	WATER VALVES 12"	EACH	4	4																				
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1																				
56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	8	8																				
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	3,228	3,228																				
60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2																				
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5	5																				

* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISED
	DRAWN BN	REVISED
PLOT SCALE = 1/8" = 1' / 32"	CHECKED FZ	REVISED
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	15
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

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 BY _____
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																		
				LAKE COUNTY					LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP									
				ROADWAY	SN 049-0610	100% COUNTY SN		80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL										
				0001	0008	049-2006 049-2611 049-3307	0008	TRAF SIG PR US 45 @ PR GRASS LAKE	TRAF SIG EX US 45 @ PR GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH	TRAFFIC SIGNAL EVP	SIDEWALK								
60500050	REMOVING CATCH BASINS	EACH	4	4																		
60500060	REMOVING INLETS	EACH	4	4																		
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,329	1,329																		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	16,281	16,281																		
60605300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)	FOOT	11,829	11,829																		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	548	548																		
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SO FT	10,935	10,935																		
61101013	STORM SEWERS PROTECTED, CLASS A, 12"	FOOT	830	830																		
61133300	FIELD TILE JUNCTION VAULTS, 4' DIA.	EACH	17	17																		
61140200	STORM SEWERS (SPECIAL), 12"	FOOT	528	528																		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	575	575																		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4																		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4																		
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	68	68																		

* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISED
	DRAWN BN	REVISED
PLOT SCALE = 1/8" = 1' / 1"	CHECKED FZ	REVISED
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 17
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																	
				LAKE COUNTY					LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP								
				100% COUNTY					80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL								
				ROADWAY	SN 049-0610	049-0006 049-0612 049-0007	TRAF SIG PR US 45 0 PR GRASS LAKE	TRAF SIG EX US 45 0 PR GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH	TRAFFIC SIGNAL EVP	SIDEWALK								
0001	0008	0008	0021	0021	0028	0028	0028	0021	0028												
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	21	21																	
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1																	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	16	16																	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	90	90																	
* 73000100	WOOD SIGN SUPPORT	FOOT	930	930																	
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	9	9																	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	554	554																	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	18,925	18,925																	
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	6,815	6,815																	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,762	1,762																	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	204	204																	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	126	126																	
* X2700004	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7"	FOOT	2,392	2,392																	
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	1,217	1,217																	

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* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 1.0000" / 1"	CHECKED FZ	REVISED
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 19
CONTRACT NO. 60775				
[ILLINOIS] FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																		
				LAKE COUNTY								LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP						
				100% COUNTY					80% COUNTY 20% LOCAL			80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL							
				ROADWAY	SN 049-0610	049-0006 TRAF SIG PR US 45 & PR GRASS LAKE	049-0611 TRAF SIG PR US 45 & PR GRASS LAKE	049-0007 TRAF SIG EX US 45 & PR GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH	TRAFFIC SIGNAL EVP	SIDEWALK									
0001	0008	0008	0021	0021	0028	0028	0028	0021	0028													
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	18,908	18,908																		
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	5,397	5,397																		
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	434	434																		
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	285	285																		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	368	368																		
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	9	9																		
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1						1													
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	816						816													
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	119						119													
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	143						143													
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	663						663													
* 81400100	HANDHOLE	EACH	4						4													
* 81400200	HEAVY-DUTY HANDHOLE	EACH	4						4													
* 81400300	DOUBLE HANDHOLE	EACH	2						2													

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* SPECIALTY ITEMS				USER NAME = 35361 DESIGNED BN DRAWN BN CHECKED FZ DATE 02/02/2017		REVISED - REVISED REVISED REVISED		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SUMMARY OF QUANTITIES SCALE: SHEET OF SHEETS STA. TO STA.				F.A.P. RTE. 344 SECTION 39 R COUNTY LAKE TOTAL SHEETS 510 SHEET NO. 20		CONTRACT NO. 60775 ILLINOIS FED. AID PROJECT	
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				LAKE COUNTY						LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP			
				100% COUNTY						80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL			
				ROADWAY	SN	049-0610	049-0611	049-0607	049-0606	TRAF SIG PR US 45 @ PR GRASS LAKE	TRAF SIG EX US 45 @ PR GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH	TRAFFIC SIGNAL EVP	SIDEWALK	
0001	0008	0008	0008	0008	0008	0021	0021	0028	0028	0028	0021	0028					
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2										2				
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1										1				
* 86000100	MASTER CONTROLLER	EACH	1										1				
* 87200400	SPAN WIRE	FOOT	351										351				
* 87200500	TETHER WIRE	FOOT	351										351				
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,787										1,787				
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,297										2,297				
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,158										2,158				
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,729										2,729				
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,753										2,753				
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	55										55				
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	801										801				
* 87302212	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 2C	FOOT	340										340				
* 87302225	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT	508										508				

* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 1/8" = 1' / 32"	CHECKED FZ	REVISED
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 21
			CONTRACT NO. 60175	
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE												
				LAKE COUNTY						LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP		
				ROADWAY	100% COUNTY		TRAF SIG PR US 45 & PR GRASS LAKE	TRAF SIG EX US 45 & PR GRASS LAKE	SIDEWALK & PATH	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL		
0001	SN 049-0610	SN 049-0611	SN 049-0607	0008	0021	0021	0028	0028	0028	0021	0028					
* 87302245	ELECTRIC CABLE AERIAL SUSPENDE, SIGNAL, NO. 14 5C	FOOT	444						444							
* 87302255	ELECTRIC CABLE AERIAL SUSPENDE, SIGNAL, NO. 14 7C	FOOT	841						841							
* 87302505	ELECTRIC CABLE AERIAL SUSPENDE, SERVICE, NO. 6 2C	FOOT	130						130							
* 87302705	ELECTRIC CABLE AERIAL SUSPENDE, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	150						150							
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2					2								
* 87601200	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE II	EACH	7					7								
* 87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	2					2								
* 87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1					1								
* 87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1					1								
* 87700340	STEEL MAST ARM ASSEMBLY AND POLE, 58 FT.	EACH	1					1								
* 87700404	STEEL MAST ARM ASSEMBLY AND POLE, 62 FT.	EACH	1					1								
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	40					40								
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4					4								
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	27					27								

URBAN

* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 1:2000	CHECKED FZ	REVISED
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 22
CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE														
				LAKE COUNTY							LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP			
				100% COUNTY			80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL				
				ROADWAY	SN 049-0610	049-0006 049-0611 049-0007	TRAF SIG PR US 45 @ PR GRASS LAKE	TRAF SIG EX US 45 @ PR GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH	TRAFFIC SIGNAL EVP	SIDEWALK					
0001	0008	0008	0021	0021	0028	0028	0028	0021	0028									
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,368					4,368										
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1					1										
* 89502380	REMOVE EXISTING HANDHOLE	EACH	5					5										
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8					8										
* A2001612	TREE, ACER SACCHARINUM MORTON (CRESCENDO SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	35	35														
* A2002008	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	15	15														
* A2002282	TREE, ALNUS X SPAETHII (SPAETHS ALDER), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	21	21														
* A2002466	TREE, BETULA NIGRA HERITAGE (HERITAGE RIVER BIRCH), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10	10														
* A2002516	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	19	19														
* A2002564	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	5	5														
* A2002816	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2" CALIPER, BALLED AND BURLAPPED	EACH	25	25														
* A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	34	34														
* A2004720	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2-1/2"	EACH	10	10														
* A2005015	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 8' HEIGHT, MULTI-STEM FORM, BALLED AND BURLAPPED	EACH	21	21														

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* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 24
PLDT SCALE = 1:2000' / 1"	DRAWN BN	REVISED		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60175		
PLDT DATE = 12/7/2017	CHECKED FZ	REVISED		ILLINOIS FED. AID PROJECT								
DATE 02/02/2017	DATE 02/02/2017	REVISED										

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				LAKE COUNTY						LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP						
				100% COUNTY						80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL						
				ROADWAY	SN 049-0610	049-0606 049-0611 049-0607	TRAF SIG PR US 45 @ PR GRASS LAKE	TRAF SIG EX US 45 @ PR GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH	TRAFFIC SIGNAL EVP	SIDEWALK							
0001	0008	0008	0021	0021	0028	0028	0028	0021	0028											
* A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	22	22																
* A2005040	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS (ESPRESSO KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED	EACH	25	25																
* A2005116	TREE, JUGLANS NIGRA (BLACK WALNUT), 2" CALIPER, BALLED AND BURLAPPED	EACH	16	16																
* A2005416	TREE, LIRIODENDRON TULIPIFERA (TULIP TREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	33	33																
* A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9																
* A2006266	TREE, POPULUS TREMULOIDES (QUAKING ASPEN), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	35	35																
* A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	10	10																
* A2006524	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	9	9																
* A2006568	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	12	12																
* A2006616	TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	12	12																
* A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	10	10																
* A2006726	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	4	4																
* A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	31	31																
* X1800015	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD).	EACH	150	150																

* Specialty Item

USER NAME = 35361	DESIGNED BN	REVISED
	DRAWN BN	REVISED
PLLOT SCALE = 1:8000' / 1"	CHECKED FZ	REVISED
PLLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	25
CONTRACT NO. 60775				
ILLINOIS FED. AID PROJECT				

PLAN SURVEYED PLOTTED CHECKED
 NOTE BOOK REVISIONS CHECKED
 NO. DATE

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

FILE NAME: p:\1\proj\22\proj\m01\parsons\civil\linois\State\Documents\US-45 - 84785-148 - Design\CONV\Roadway\Sheet\180775-1.rvt, 800, 28.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																		
				LAKE COUNTY					LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP									
				ROADWAY	SN 049-0610	100% COUNTY	TRAFF SIG US 45 @ PR GRASS LAKE	TRAFF SIG EX US 45 @ PR GRASS LAKE	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL									
				0001	0008	SN 049-0006 049-0611 049-0007	0021	0021	0028	0028	0028	0021	0028									
* A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	12	12																		
* A2007132	TREE, QUERCUS SCHUETTI (SWAMP BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	19	19																		
* A2007616	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED	EACH	19	19																		
* A2008400	TREE, TILIA MONGOLICA HARVEST GOLD (HARVEST GOLD LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	31	31																		
* A2C035G3	TREE, JUGLANS NIGRA (BLACK WALNUT), CONTAINER GROWN, 3-GALLON	EACH	100	100																		
* X1800016	TREE, QUERCUS ALBA (WHITE OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	150	150																		
* X1800017	TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	100	100																		
* X1800018	TREE, QUERCUS RUBRA (RED OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	100	100																		
* A2C35G15	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	150	150																		
* A2C36G15	TREE, QUERCUS MACROCARPA (BURR OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	150	150																		
* A2C37G15	TREE, QUERCUS PALUSTRIS (PIN OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	100	100																		
* B2000566	TREE, AMELANCHIER CANADENSIS (SHADBLOW SERVICEBERRY), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	6	6																		
* B2000770	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 2" CALIPER,	EACH	19	19																		
* B2001164	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 5' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	18	18																		
* SPECIALTY ITEMS																						

URBAN

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USER NAME = 35361	DESIGNED BN	REVISED
DRAWN BN	REVISED	
PLOT SCALE = 1:8000 / 1/4" = 1"	CHECKED FZ	REVISED
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 26
CONTRACT NO. 60775				
ILLINOIS FED. AID PROJECT				

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 DATE = 12/7/2017

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																	
				LAKE COUNTY						LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP							
				ROADWAY	SN 049-0610	100% COUNTY		TRAF SIG PR US 45 @ PR GRASS LAKE	TRAF SIG EX US 45 @ PR GRASS LAKE	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL							
						049-0611	049-0612			0028	0028	0028	0021	0028							
0001	0008	0008	0021	0021	0028	0028	0028	0021	0028												
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	6	6																	
X4023000	TEMPORARY ACCESS (ROAD)	EACH	2	2																	
X5010523	REMOVE CONCRETE END SECTION	EACH	1	1																	
X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	8,510	8,510																	
X5610662	WATER MAIN TO BE ABANDONED, 12"	FOOT	932	932																	
X5610710	WATER MAIN REMOVAL, 10"	FOOT	76	76																	
X5610712	WATER MAIN REMOVAL, 12"	FOOT	1,264	1,264																	
X5610750	WATER MAIN LINE STOP 10"	EACH	1	1																	
X5610752	WATER MAIN LINE STOP 12"	EACH	1	1																	
X5630010	CUT AND CAP EXISTING 10" WATER MAIN	EACH	1	1																	
X5630012	CUT AND CAP EXISTING 12" WATER MAIN	EACH	1	1																	
X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	11	11																	
X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	3	3																	
X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1																	

URBAN

14

* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISED
DRAWN BN	REVISED	
CHECKED FZ	REVISED	
DATE 02/02/2017	REVISED	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 30
CONTRACT NO. 60T75				
[ILLINOIS] FED. AID PROJECT				

PLAN SURVEYED, PLOTTED, CHECKED, NOTE BOOK NO., DATE, BY, CAD FILE NAME

PROFILE REVISIONS, PLOTTED, CHECKED, NOTE BOOK NO., DATE, BY, STRUCTURE NOTATION CHD

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URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				LAKE COUNTY					LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP						
				ROADWAY	SN 049-0610	100% COUNTY SN 049-0006, 049-0611, 049-0007	TRAF SIG PR US 45 0 PR GRASS LAKE	TRAF SIG EX US 45 0 PR GRASS LAKE	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	TRAFFIC SIGNAL EVP	80% COUNTY 20% LOCAL					
0001	0008	0008	0021	0021	0028	0028	0028	0021	0028										
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	4	4															
X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	3	3															
X6026622	VALVE VAULTS TO BE REMOVED	EACH	1	1															
X6060200	CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)	SO FT	10,983	10,983															
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	16	16															
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1															
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	240	240															
*X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	223	223															
*X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	1,770	1,770															
*X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	37,833	37,833															
*X7830072	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	6,815	6,815															
*X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	7,159	7,159															
*X2700003	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	2,392	2,392															
*X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	638	638															

14

* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISED
	DRAWN BN	REVISED
PLOT SCALE = 1:8000' / 1"	CHECKED FZ	REVISED
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES				
SCALE	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 31
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																	
				LAKE COUNTY					LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP								
				ROADWAY	SN 049-0610	100% COUNTY SN 049-0006 049-0611 049-0007	TRAF SIG PR US 45 @ PR GRASS LAKE	TRAF SIG EX US 45 @ PR GRASS LAKE	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL								
0001	0008	0008	0021	0021	0028	0028	0028	0021	0028												
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	411	411																	
* 80500020	SERVICE INSTALLATION, POLE MOUNTED	EACH	1					1													
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2				1	1													
* X8800025	SIGNAL HEAD ,LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	6					6													
* X8800046	SIGNAL HEAD ,LED, 1-FACE 5-SECTION, SPAN WIRE MOUNTED	EACH	6					6													
* X1900008	SEEDING, WET PRAIRIE	ACRE	1	1																	
* X1900009	SEEDING, MESIC PRAIRIE	ACRE	1	1																	
X0900059	THREE-SIDED PRECAST CONCRETE STRUCTURES (SPECIAL), 42 FT	FOOT	106		106																
Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1																	
Z0007602	BUILDING REMOVAL NO. 2	L SUM	1	1																	
Z0007603	BUILDING REMOVAL NO. 3	L SUM	1	1																	
Z0007604	BUILDING REMOVAL NO. 4	L SUM	1	1																	
Z0007605	BUILDING REMOVAL NO. 5	L SUM	1	1																	

* SPECIALTY ITEMS

3 1 1 1 4

USER NAME = 35361	DESIGNED BN	REVISED -
DRAWN BN	CHECKED FZ	REVISED
PLOT SCALE = 1:2000 / 1"	DATE 02/02/2017	REVISED
PLOT DATE = 12/7/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 31A
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

PLAN	DATE
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 USER: jason
 PROJECT: I-55/US-51
 SHEET: 344
 DATE: 12/7/2017

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				LAKE COUNTY						LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP
				100% COUNTY			80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL
				ROADWAY	SN	049-0610	049-0611	049-0612	TRAF SIG PR US 45 & PR GRASS LAKE	TRAF SIG EX US 45 & PR GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH	TRAFFIC SIGNAL EWP
0001	0008	0008	0008	0008	0021	0021	0028	0028	0028	0021	0028			
Z0007606	BUILDING REMOVAL NO. 6	L SUM	1	1										
Z0007607	BUILDING REMOVAL NO. 7	L SUM	1	1										
Z0007608	BUILDING REMOVAL NO. 8	LSUM	1	1										
Z0010600	CLEANING DRAINAGE SYSTEM	FOOT	985	985										
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1										
Z0015500	DEBRIS REMOVAL	L SUM	1	1										
Z0045050	PRESSURE CONNECTION 12" X 10"	EACH	1	1										
Z0045100	PRESSURE CONNECTION - 12" X 12"	EACH	1	1										
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	148	148										
Z0056900	SANITARY SEWER 8"	FOOT	67	67										
Z0062456	TEMPORARY PAVEMENT	SO YD	7,143	7,143										
Z0073345	SLEEPER SLAB	FOOT	442	442										
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1			1								
Z0076604	TRAINEE'S - TRAINING PROGRAM GRADUATE	Hour	1000	1000										

* SPECIALTY ITEMS Ø 0042

USER NAME = 35361	DESIGNED BN	REVISED -
PLOT SCALE = 1:8000 1/4" = 10'	DRAWN BN	REVISED
PLOT DATE = 12/7/2017	CHECKED FZ	REVISED
	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 31B
CONTRACT NO. 60775				ILLINOIS FED. AID PROJECT

PLAN
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 ALIGNED CHECKED BY
 NOTE BOOK NO.
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 DESIGNED BY
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 GRADES CHECKED BY
 STRUCTURE NOTATION CHWD
 NOTE BOOK NO.
 DATE

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URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				LAKE COUNTY					LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP							
				ROADWAY	SN 049-0610	049-0006 049-0611 049-0007	TRAF SIG PR US 45 @ PR GRASS LAKE	TRAF SIG EX US 45 @ PR GRASS LAKE	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL							
0001	0008	0008	0021	0021	0028	0028	0028	0021	0028											
X1200200	Ductile Iron WATER MAIN 10" RESTRAINED JOINT PIPE	FOOT	139	139																
*X1400326	RECTANGULAR RAPID FLASHING BEACON Assembly (complete)	EACH	2	2																
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	7,004	7,004																

* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISED
	DRAWN BN	REVISED
PLOT SCALE = 1:2000 1" = 20'	CHECKED FZ	REVISED
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

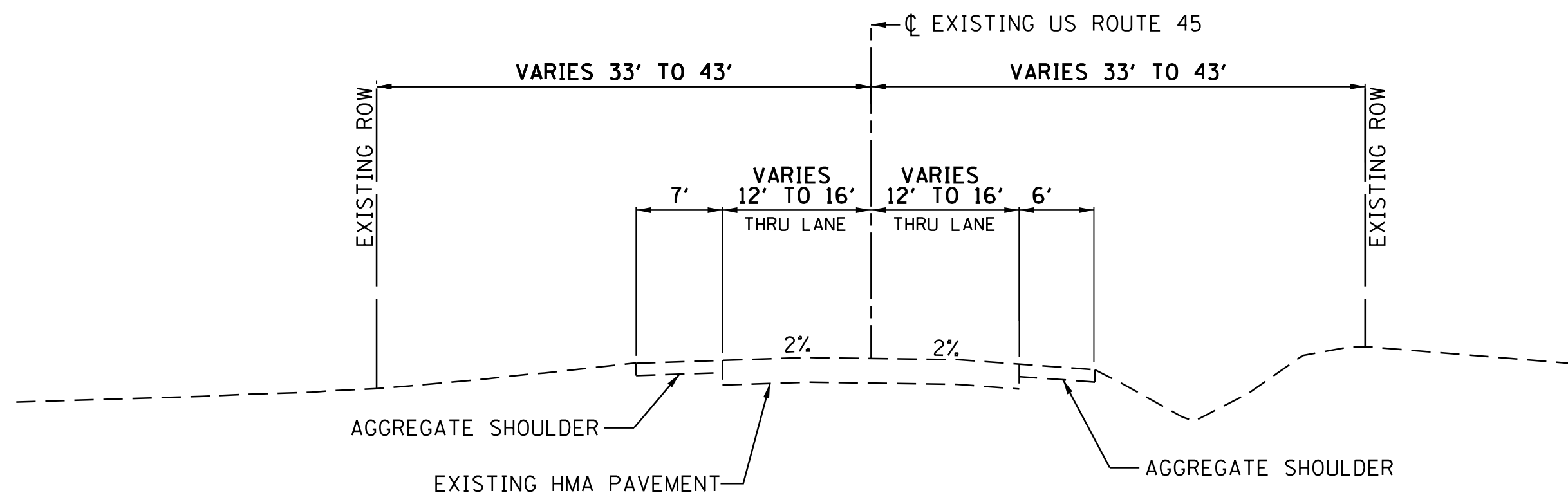
F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 31C
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

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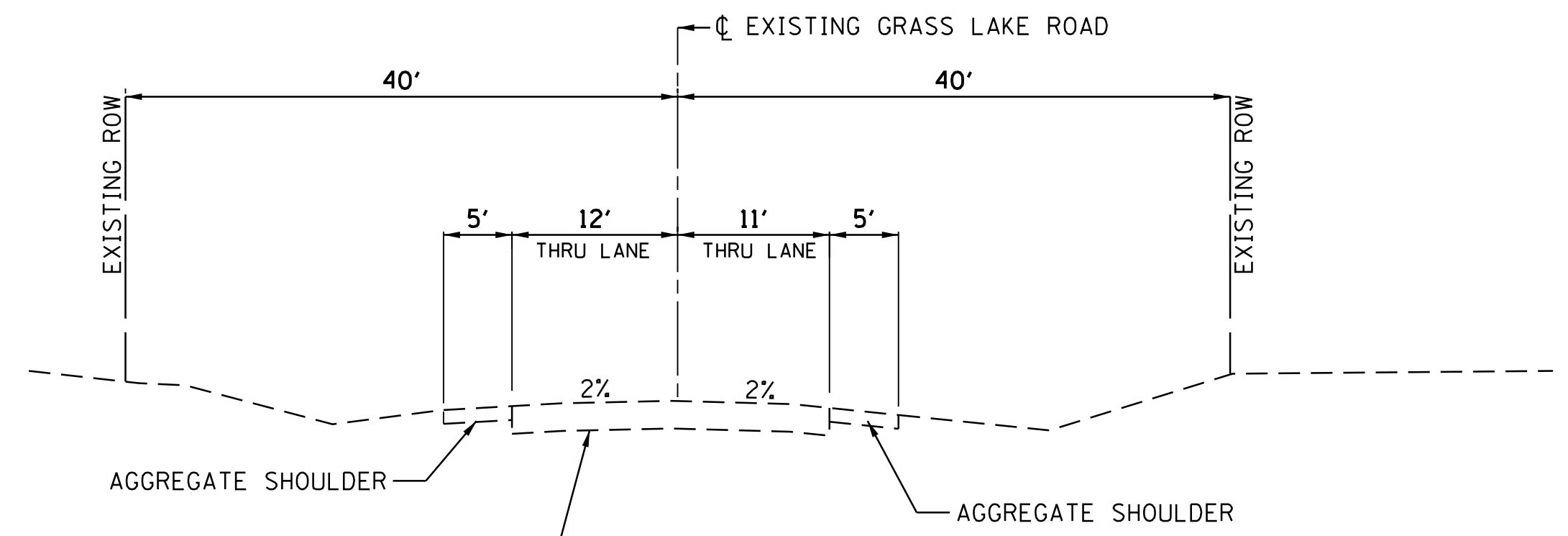
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PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOT AT THIS CHECK	

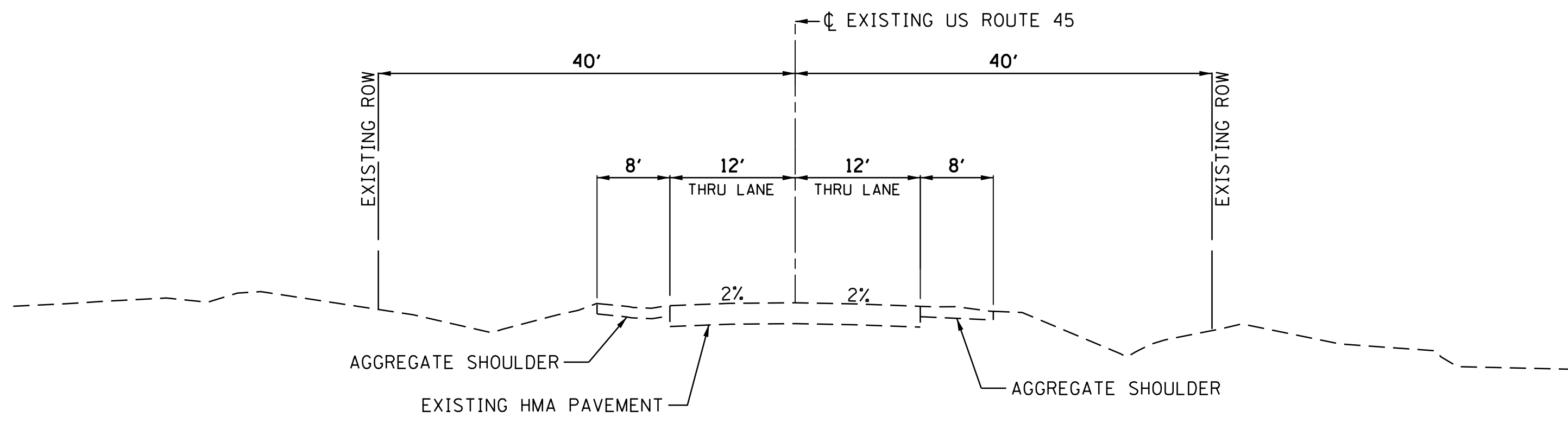
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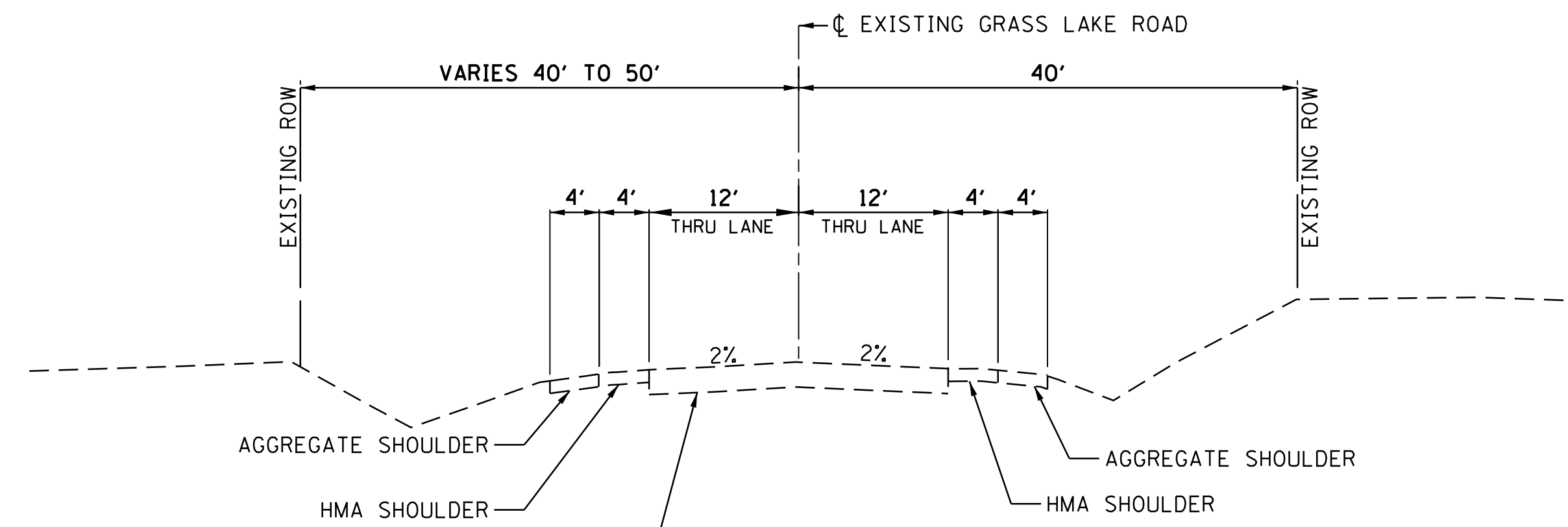
U.S. ROUTE 45
 STA. 105+98.10 TO STA. 128+33.90
 STA. 170+93.38 TO STA. 177+98.30



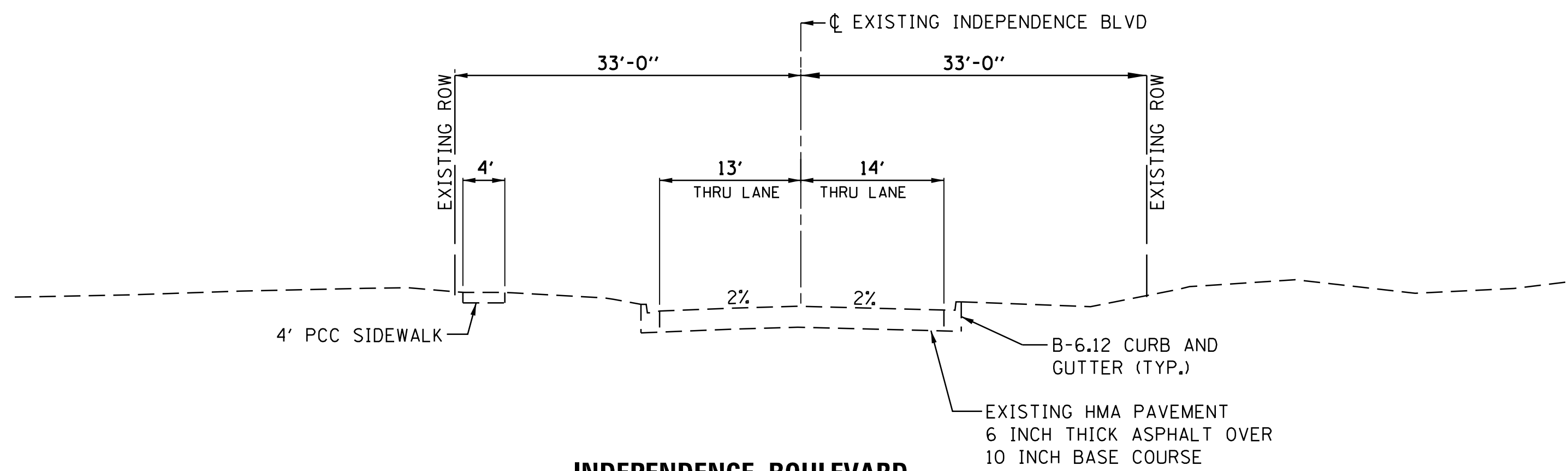
GRASS LAKE ROAD
 STA. 283+70.77 TO STA. 295.68.75



**U.S. ROUTE 45
 (LOCATION OF PR OLD U.S. ROUTE 45)**
 STA. 121+42.86 TO STA. 123+82.13



GRASS LAKE ROAD
 STA. 295+68.75 TO STA. 305+00.00



INDEPENDENCE BOULEVARD
 STA. 646+27.26 TO STA. 653+45.32

NOTE: EXISTING MATERIAL THICKNESS IS FOR INFORMATION ONLY. ACTUAL THICKNESS TO BE DETERMINED IN THE FIELD.

USER NAME = 35361	DESIGNED	MO	REVISED	-
	DRAWN	MO	REVISED	
PLOT SCALE = 10.0000' / 1"	CHECKED	FZ	REVISED	
PLOT DATE = 9/14/2017	DATE	02/02/2017	REVISED	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS

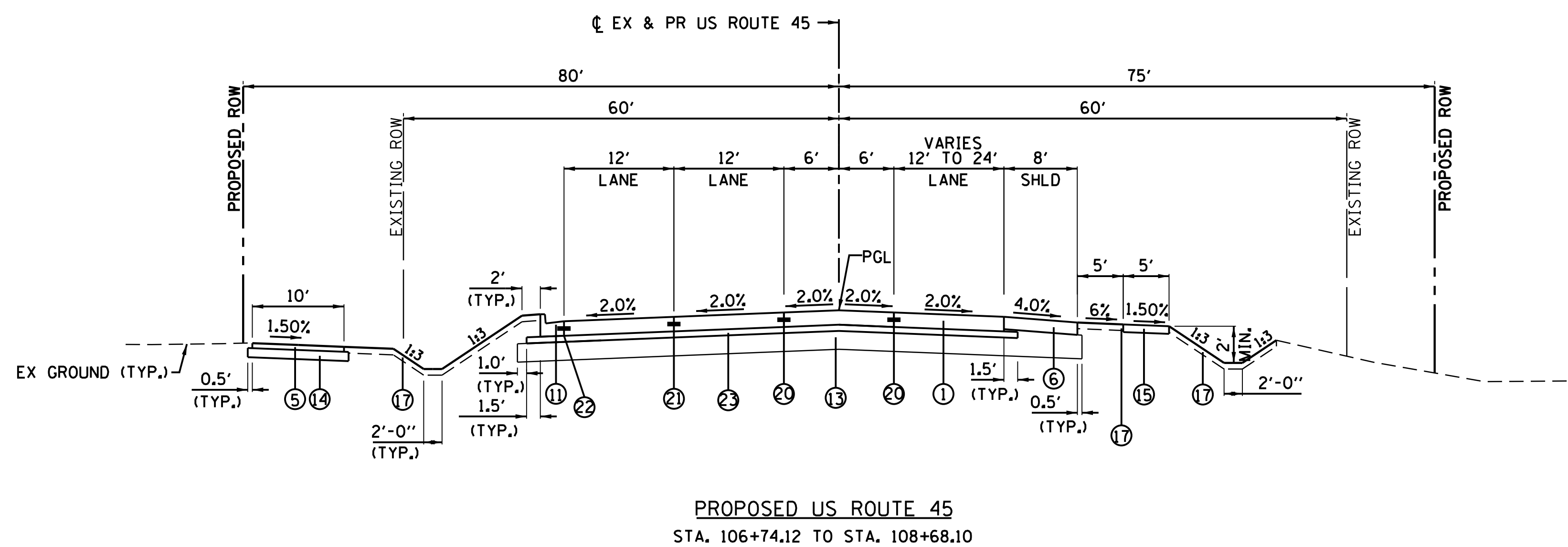
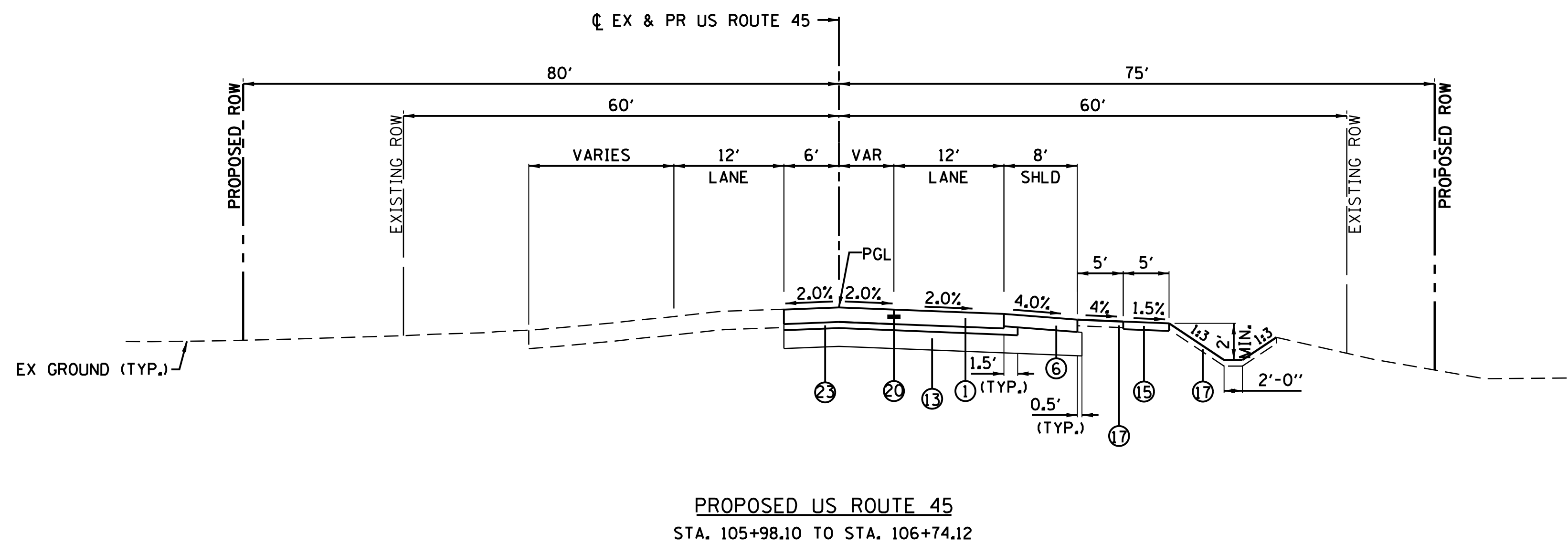
SCALE: NS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	32
				CONTRACT NO. 60T75
ILLINOIS FED. AID PROJECT				

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

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PROPOSED TYPICAL SECTIONS

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7 1/4"
- ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4"
- ⑧ AGGREGATE SHOULDERS, TYPE B 6"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑭ AGGREGATE BASE COURSE, TYPE B 6"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑰ TOPSOIL FURNISH AND PLACE, 4", SEEDING, FERTILIZER AND EROSION CONTROL MAT
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ⑲ PROPOSED RETAINING WALL
- ⑳ LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL 24" C-C, TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 1/2" (JOINTED)
- ㉑ LONGITUDINAL SAWED JOINT - #6 STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 1/2" (JOINTED)
- ㉒ LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CURB AND GUTTER PAY ITEM
- ㉓ STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
- ㉔ TOPSOIL FURNISH AND PLACE, 24", SEEDING, FERTILIZER AND EROSION CONTROL MAT

NOTES:

1. SEE SUPERELEVATION TABLES FOR SLOPE RATES THROUGH CURVES.
2. SEE INTERSECTION GRADING DETAIL DRAWINGS FOR SLOPE RATES THROUGH INTERSECTIONS.

USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 10.0000' / 1"	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

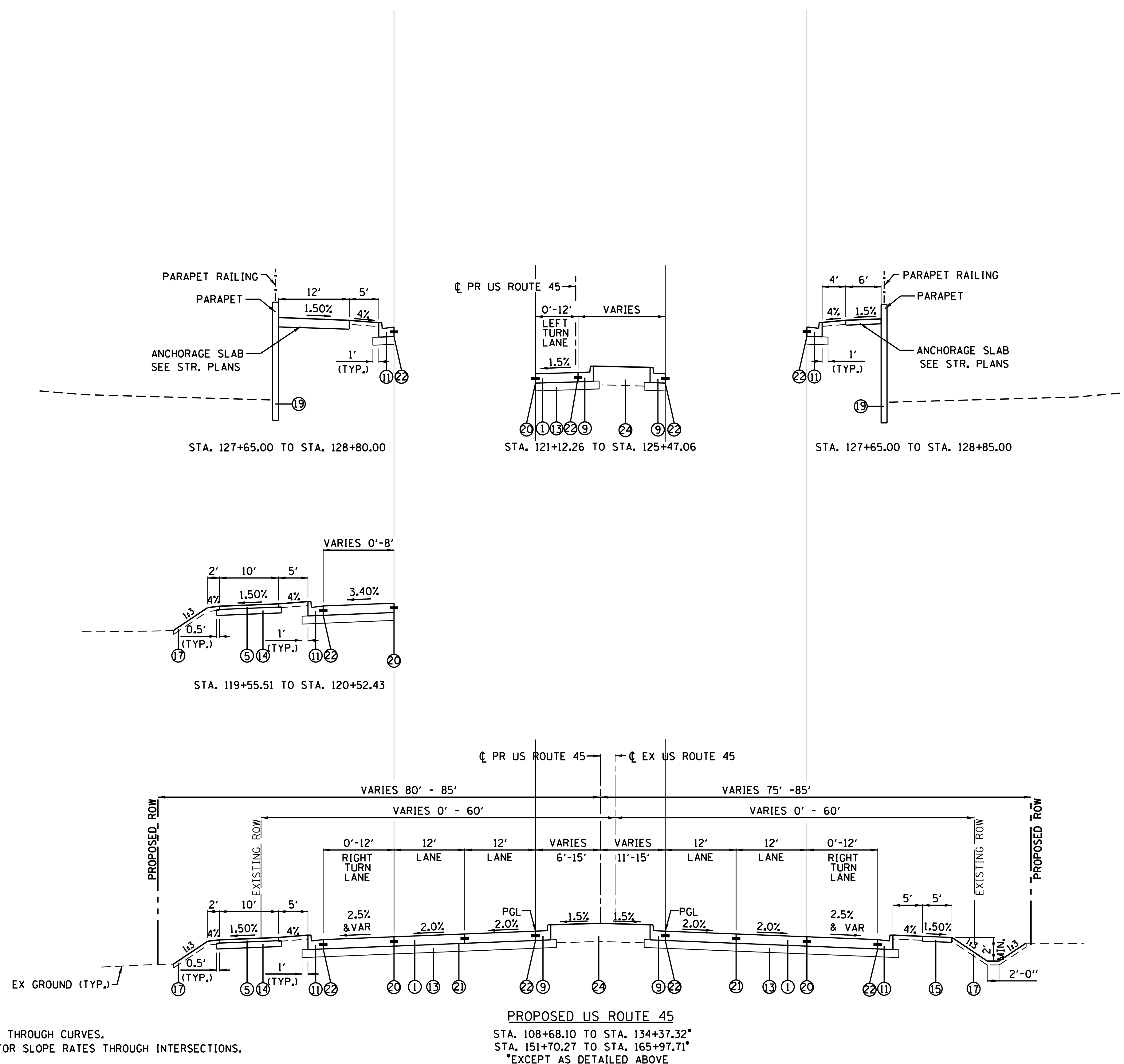
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	34
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

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PROPOSED TYPICAL SECTIONS

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7 1/4"
- ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4"
- ⑧ AGGREGATE SHOULDERS, TYPE B 6"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑭ AGGREGATE BASE COURSE, TYPE B 6"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑰ TOPSOIL FURNISH AND PLACE, 4", SEEDING, FERTILIZER AND EROSION CONTROL MAT
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ⑲ PROPOSED RETAINING WALL
- ⑳ LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL 24" C-C, TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 1/2" (JOINTED)
- ㉑ LONGITUDINAL SAWED JOINT - #6 STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 1/2" (JOINTED)
- ㉒ LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CURB AND GUTTER PAY ITEM
- ㉓ STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
- ㉔ TOPSOIL FURNISH AND PLACE, 24", SEEDING, FERTILIZER AND EROSION CONTROL MAT

NOTES:
 1. SEE SUPERELEVATION TABLES FOR SLOPE RATES THROUGH CURVES.
 2. SEE INTERSECTION GRADING DETAIL DRAWINGS FOR SLOPE RATES THROUGH INTERSECTIONS.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 10.0000' / 1"	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	35
				CONTRACT NO. 60T75
SCALE: NS	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

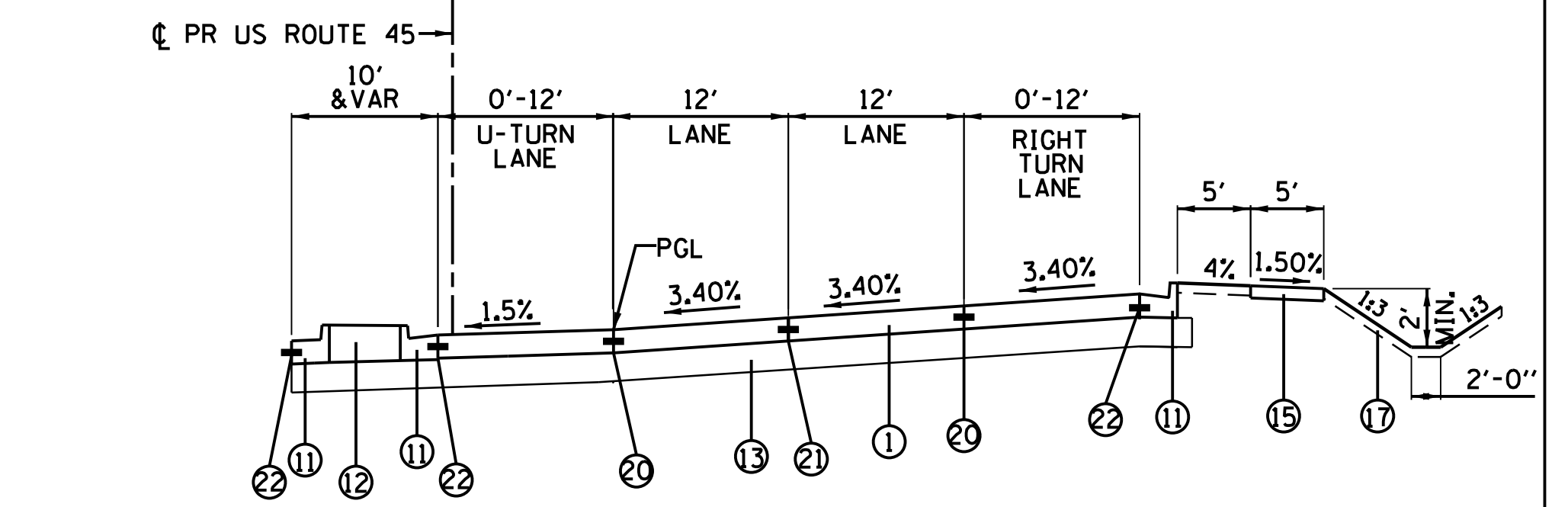
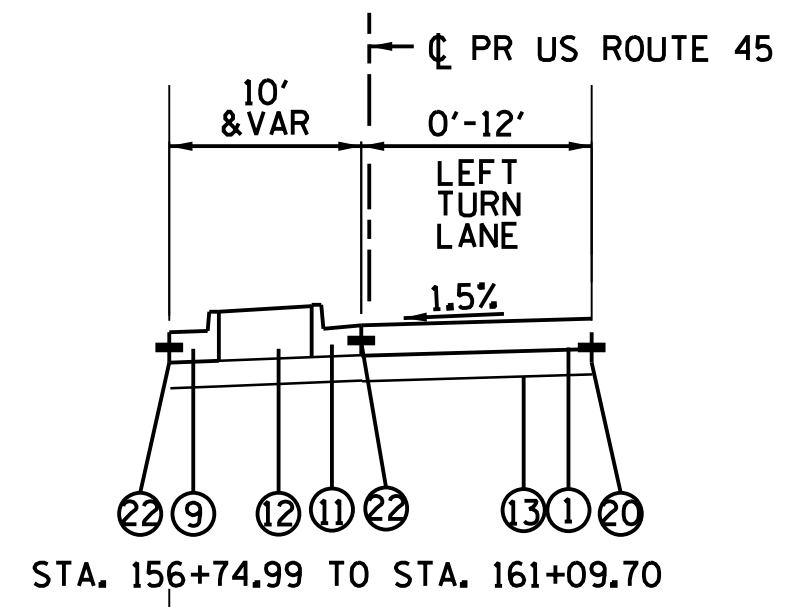
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PLAN	SURVEYED
NOTE BOOK	PLOTTED
NO.	CHECKED
	AT LAYOUT
	DATE
	FILE NAME

DATE	BY
PROFILE	SURVEYED
NOTE BOOK	GRADES CHECKED
NO.	STRUCTURE
	NOTATIONS
	CHKD

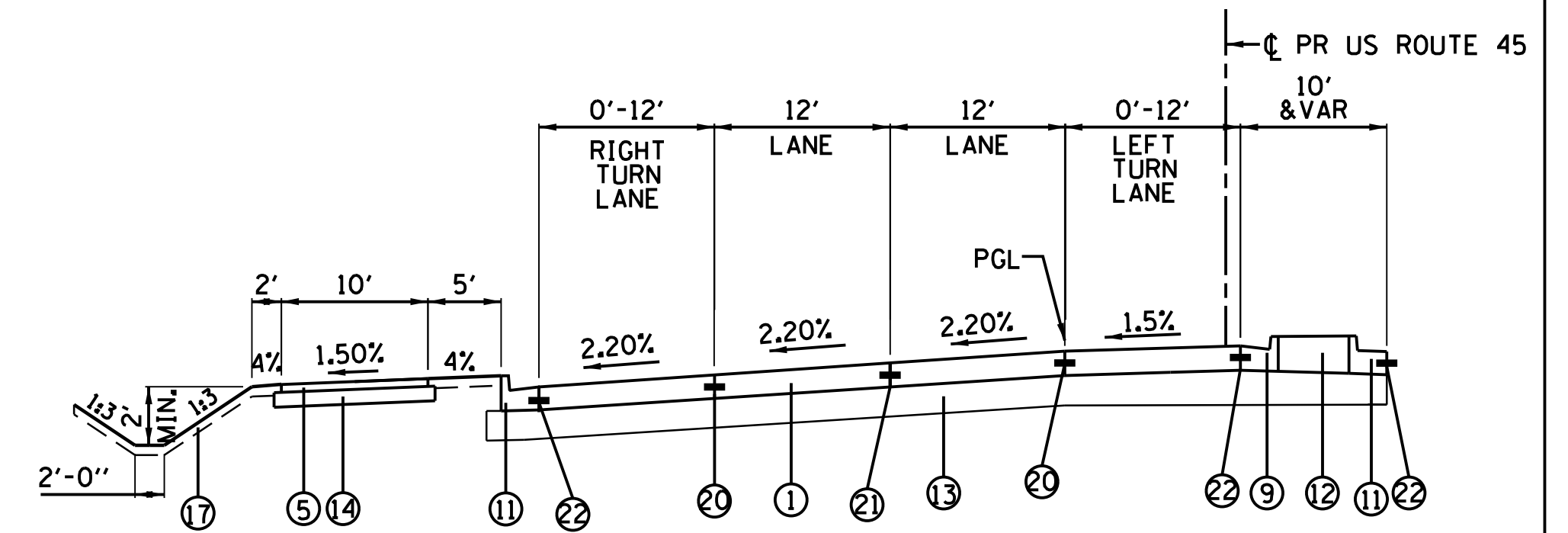
PROPOSED TYPICAL SECTIONS

- ① PORTLAND CEMENT CONCRETE PAVEMENT
9 1/2" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE,
MIX "D", N70, 2"
- ③ HOT-MIX ASPHALT BINDER COURSE,
IL-19.0, N70, 7 1/4"
- ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE,
MIX "D", N50, 3"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4"
- ⑧ AGGREGATE SHOULDERS, TYPE B 6"
- ⑨ COMBINATION CONCRETE CURB AND
GUTTER, TYPE B-6.24 (MODIFIED)
- ⑩ COMBINATION CONCRETE CURB AND
GUTTER, TYPE B-6.18
- ⑪ COMBINATION CONCRETE CURB AND
GUTTER, TYPE B-6.24
- ⑫ CONCRETE MEDIAN, TYPE SB-6.24
(MODIFIED)
- ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑭ AGGREGATE BASE COURSE, TYPE B 6"

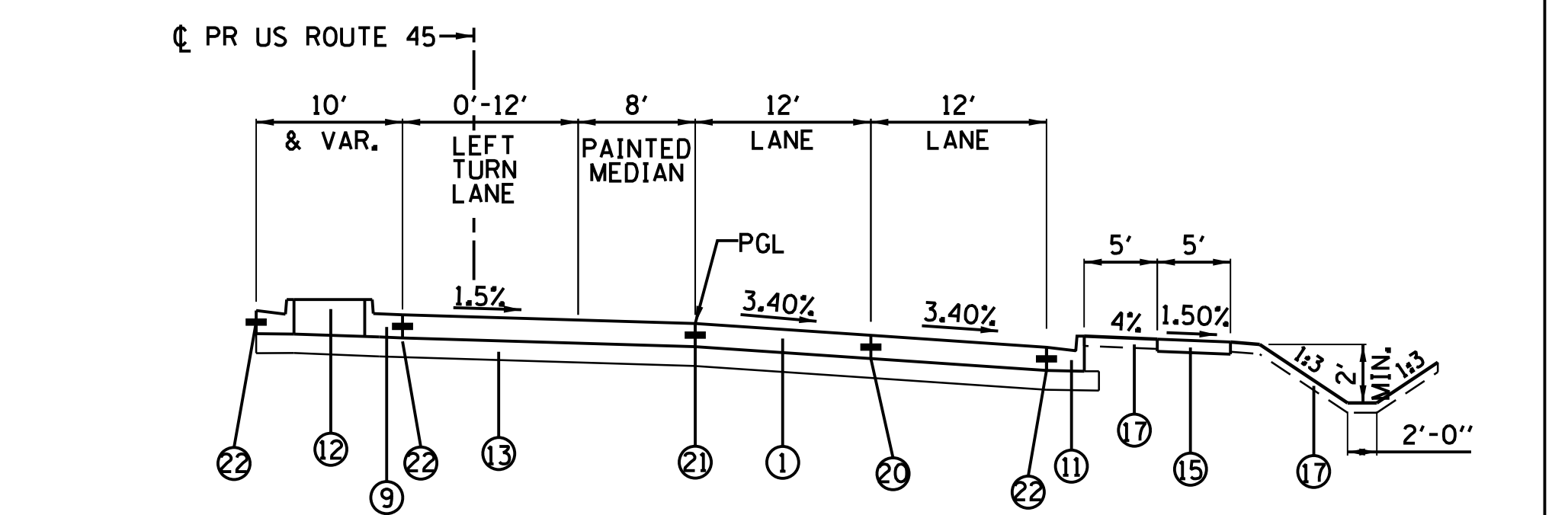
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK
5 INCH
- ⑯ STEEL PLATE BEAM GUARDRAIL,
TYPE A, 6 FOOT POSTS
- ⑰ TOPSOIL FURNISH AND PLACE, 4", SEEDING,
FERTILIZER AND EROSION CONTROL MAT
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ⑲ PROPOSED RETAINING WALL
- ⑳ LONGITUDINAL CONSTRUCTION JOINT - #6
STEEL 24" C-C, TIE BAR, COST INCLUDED IN
PCC PAVEMENT, 9 1/2" (JOINTED)
- ㉑ LONGITUDINAL SAWED JOINT - #6 STEEL
TIE BAR, 30" C-C, COST INCLUDED IN PCC
PAVEMENT, 9 1/2" (JOINTED)
- ㉒ LONGITUDINAL CONSTRUCTION JOINT - #6
STEEL TIE BAR, 24" C-C, COST INCLUDED IN
COMBINATION CURB AND GUTTER PAY ITEM
- ㉓ STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
- ㉔ TOPSOIL FURNISH AND PLACE, 24", SEEDING,
FERTILIZER AND EROSION CONTROL MAT



RIGHT AND LEFT TURN DETAIL
STA. 115+61.73 TO STA. 119+96.40

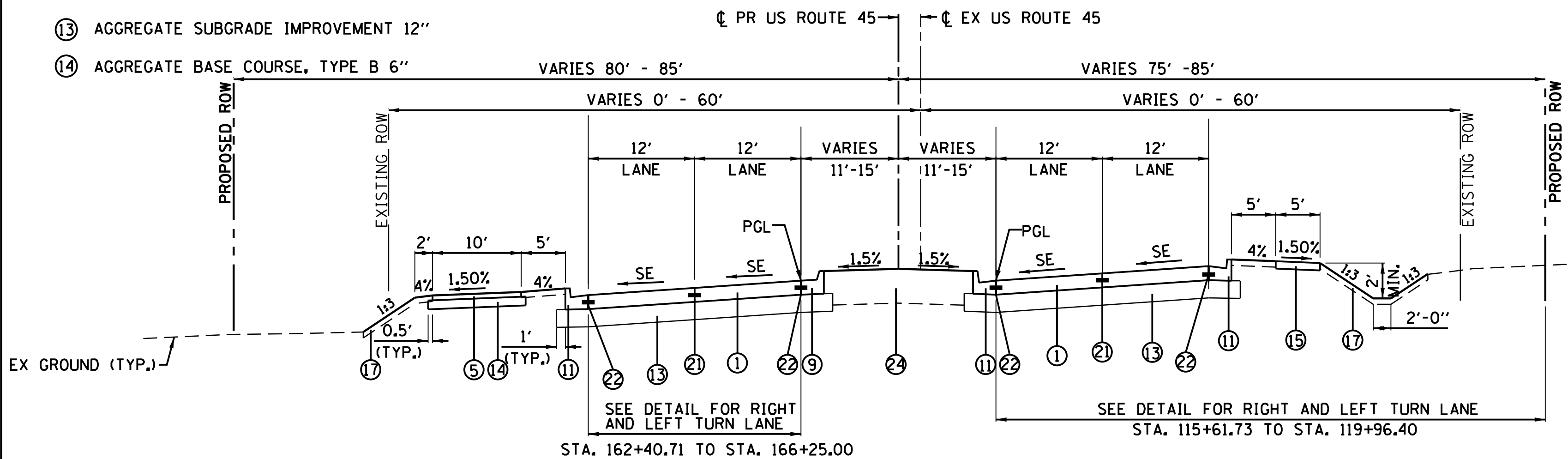


RIGHT AND LEFT TURN DETAIL
STA. 162+40.71 TO STA. 166+25.00

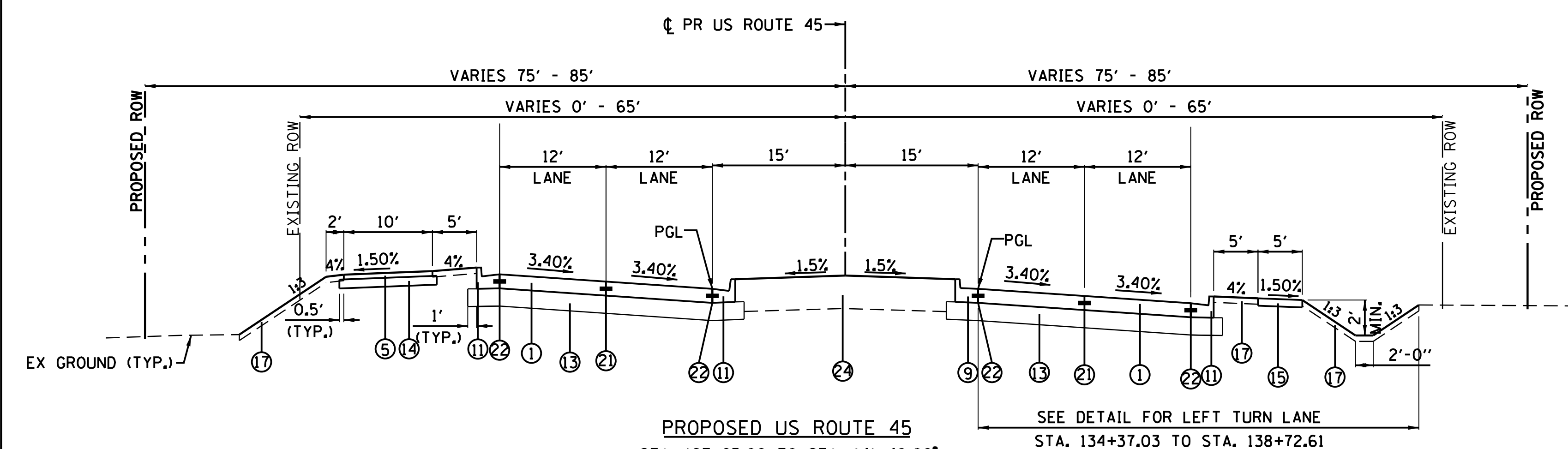


LEFT TURN DETAIL
STA. 134+37.03 TO STA. 138+72.61

NOTES:
 1. SEE SUPERELEVATION TABLES FOR SLOPE RATES THROUGH CURVES.
 2. SEE INTERSECTION GRADING DETAIL DRAWINGS FOR SLOPE RATES THROUGH INTERSECTIONS.



PROPOSED US ROUTE 45
 STA. 109+90.00 TO STA. 123+65.00*
 STA. 153+85.00 TO STA. 166+25.00*
 *EXCEPT AS DETAILED ABOVE



PROPOSED US ROUTE 45
 STA. 127+65.00 TO STA. 141+40.00*
 *EXCEPT AS DETAILED ABOVE

USER NAME = 35361	DESIGNED	REVISED -
	DRAWN	REVISED
	CHECKED	REVISED
	DATE	REVISED
	02/02/2017	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

SCALE: NS SHEET OF SHEETS STA. TO STA.

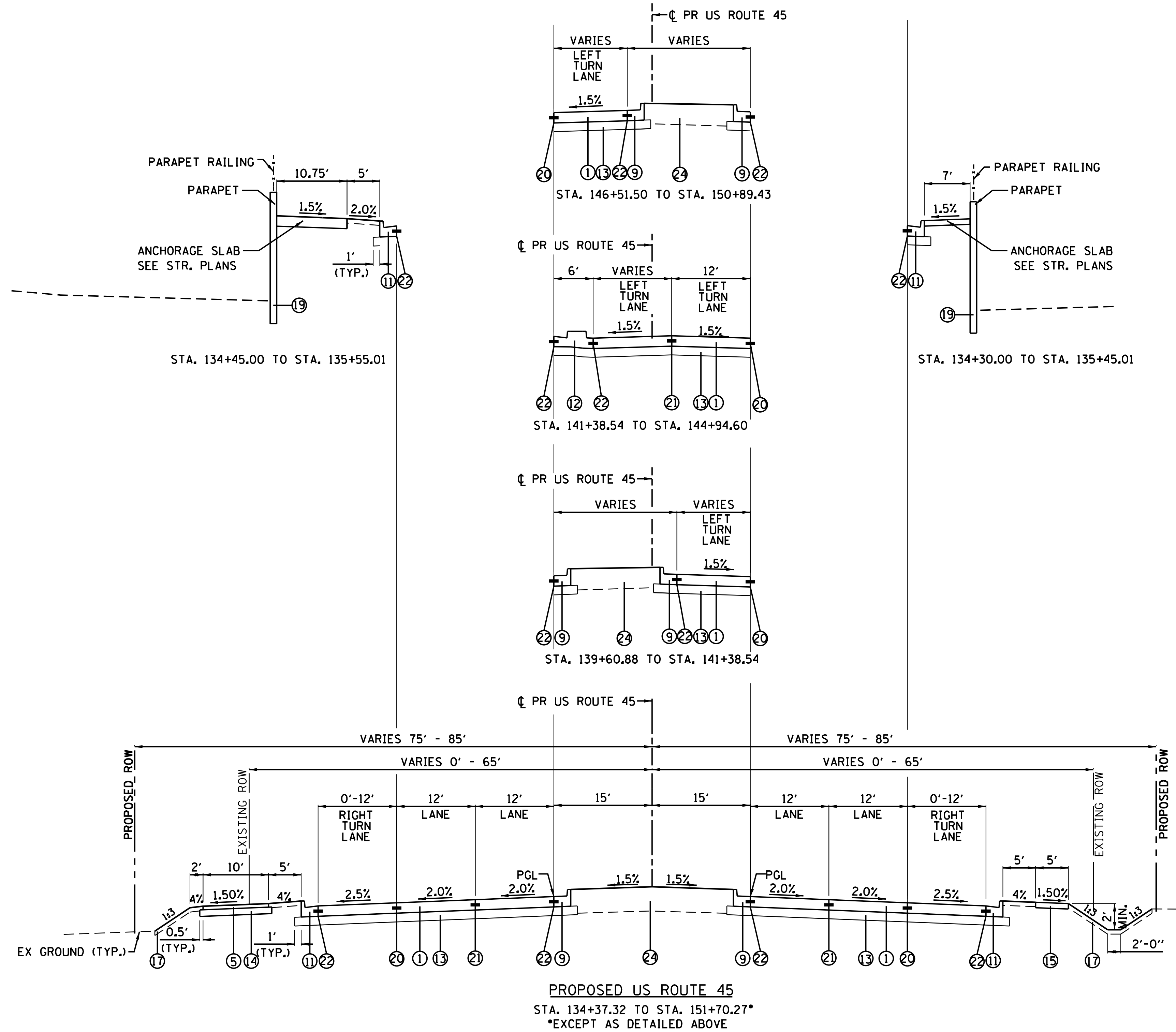
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	36
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

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PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
NOTE BOOK	BY	
NO.		

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
NOTE BOOK	BY	
NO.		

FILE NAME = p:\t\l\ed2\pvt\01\personnel\linos State Documents\US45 - 647965.dwg - Design\CAD\Roadway\Sheets\160775.sht.tgp_06.cdr
 DESIGN: MO
 DRAWN: MO
 CHECKED: FZ
 DATE: 02/02/2017
 PLOT SCALE = 10.0000" / 1"
 PLOT DATE = 9/14/2017



PROPOSED TYPICAL SECTIONS

- ① PORTLAND CEMENT CONCRETE PAVEMENT
9 1/2" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE,
MIX "D", N70, 2"
- ③ HOT-MIX ASPHALT BINDER COURSE,
IL-19.0, N70, 7 1/4"
- ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE,
MIX "D", N50, 3"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4"
- ⑧ AGGREGATE SHOULDERS, TYPE B 6"
- ⑨ COMBINATION CONCRETE CURB AND
GUTTER, TYPE B-6.24 (MODIFIED)
- ⑩ COMBINATION CONCRETE CURB AND
GUTTER, TYPE B-6.18
- ⑪ COMBINATION CONCRETE CURB AND
GUTTER, TYPE B-6.24
- ⑫ CONCRETE MEDIAN, TYPE SB-6.24
(MODIFIED)
- ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑭ AGGREGATE BASE COURSE, TYPE B 6"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK
5 INCH
- ⑯ STEEL PLATE BEAM GUARDRAIL,
TYPE A, 6 FOOT POSTS
- ⑰ TOPSOIL FURNISH AND PLACE, 4", SEEDING,
FERTILIZER AND EROSION CONTROL MAT
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ⑲ PROPOSED RETAINING WALL
- ⑳ LONGITUDINAL CONSTRUCTION JOINT - #6
STEEL 24" C-C, TIE BAR, COST INCLUDED IN
PCC PAVEMENT, 9 1/2" (JOINTED)
- ㉑ LONGITUDINAL SAWED JOINT - #6 STEEL
TIE BAR, 30" C-C, COST INCLUDED IN PCC
PAVEMENT, 9 1/2" (JOINTED)
- ㉒ LONGITUDINAL CONSTRUCTION JOINT - #6
STEEL TIE BAR, 24" C-C, COST INCLUDED IN
COMBINATION CURB AND GUTTER PAY ITEM
- ㉓ STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
- ㉔ TOPSOIL FURNISH AND PLACE, 24", SEEDING,
FERTILIZER AND EROSION CONTROL MAT

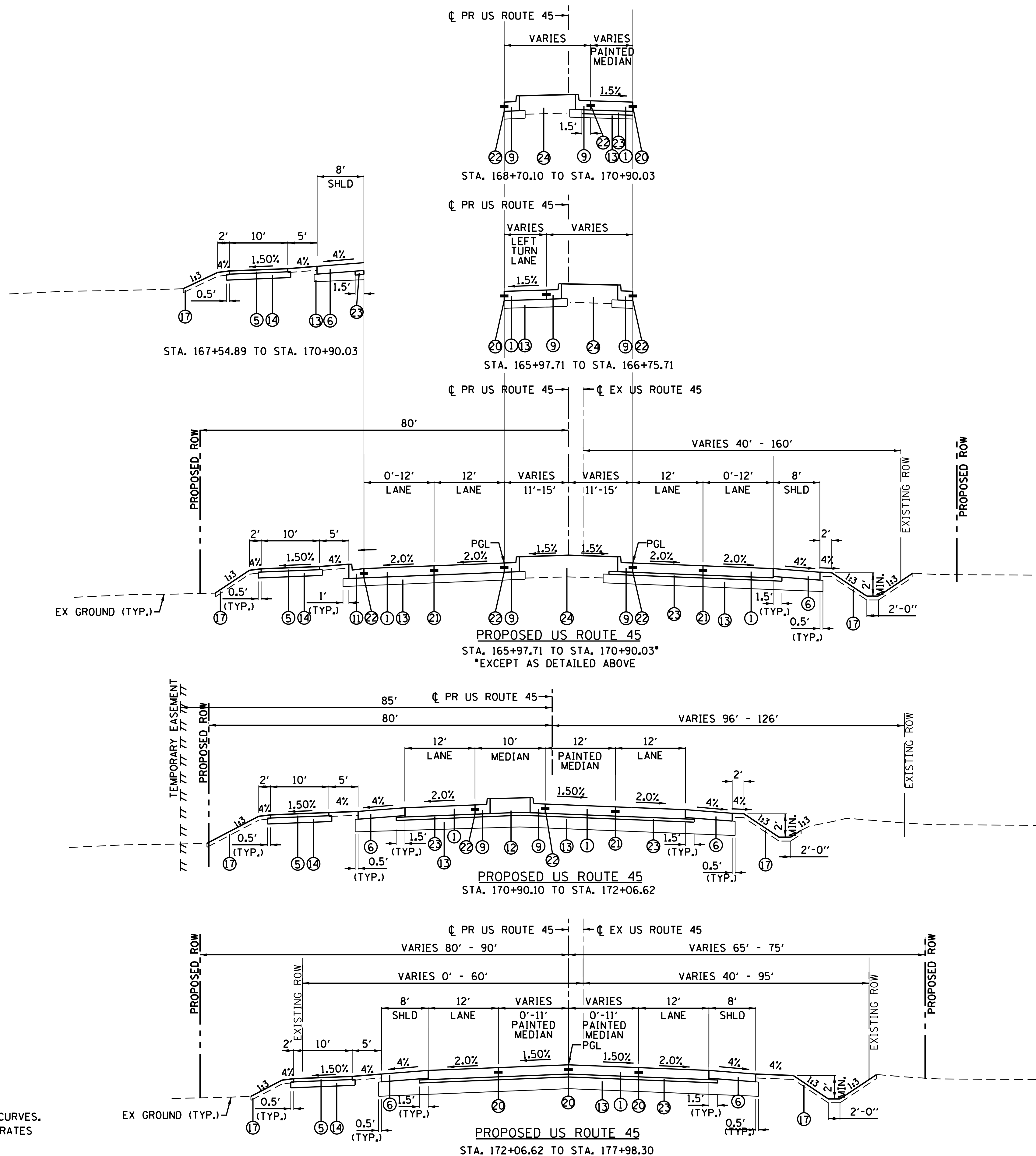
NOTES:
 1. SEE SUPERELEVATION TABLES FOR SLOPE RATES THROUGH CURVES.
 2. SEE INTERSECTION GRADING DETAIL DRAWINGS FOR SLOPE RATES THROUGH INTERSECTIONS.

USER NAME = 35361	DESIGNED MO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS		F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 37
PLOT SCALE = 10.0000" / 1"	CHECKED FZ	REVISED		SCALE: NS	SHEET OF SHEETS	CONTRACT NO. 60T75		ILLINOIS FED. AID PROJECT		
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED								

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

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

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PROPOSED TYPICAL SECTIONS

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7 1/4"
- ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 8"
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- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)
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- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑭ AGGREGATE BASE COURSE, TYPE B 6"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑰ TOPSOIL FURNISH AND PLACE, 4", SEEDING, FERTILIZER AND EROSION CONTROL MAT
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ⑲ PROPOSED RETAINING WALL
- ⑳ LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL 24" C-C, TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 1/2" (JOINTED)
- ㉑ LONGITUDINAL SAWED JOINT - #6 STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 1/2" (JOINTED)
- ㉒ LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CURB AND GUTTER PAY ITEM
- ㉓ STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
- ㉔ TOPSOIL FURNISH AND PLACE, 24", SEEDING, FERTILIZER AND EROSION CONTROL MAT

NOTES:
 1. SEE SUPERELEVATION TABLES FOR SLOPE RATES THROUGH CURVES.
 2. SEE INTERSECTION GRADING DETAIL DRAWINGS FOR SLOPE RATES THROUGH INTERSECTIONS.

USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 10.0000' / 1"	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

SCALE: NS SHEET OF SHEETS STA. TO STA.

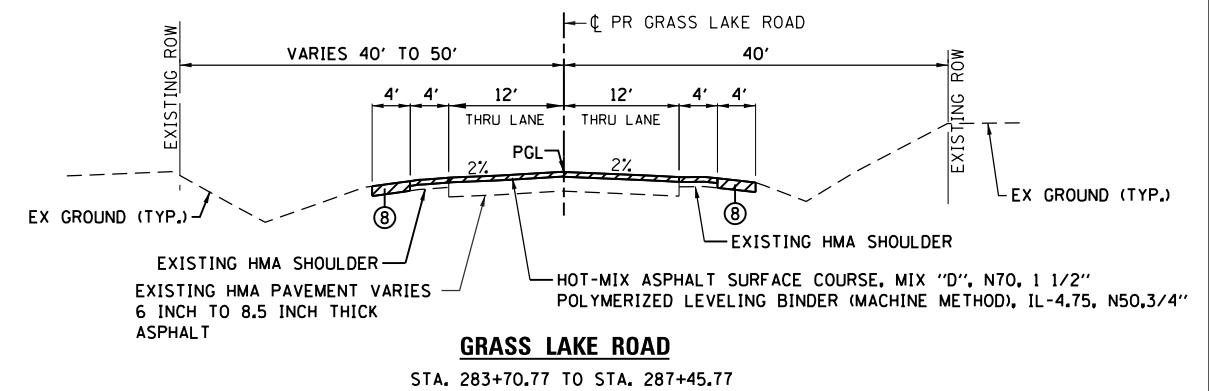
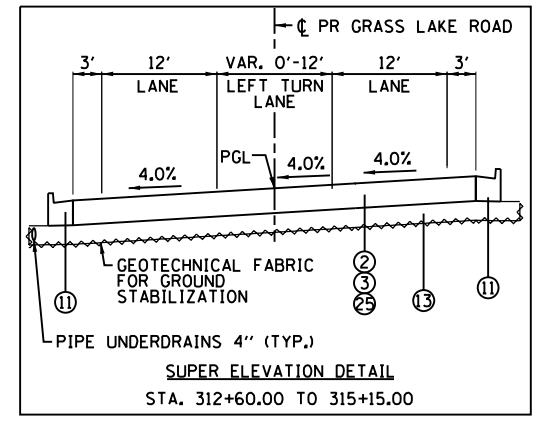
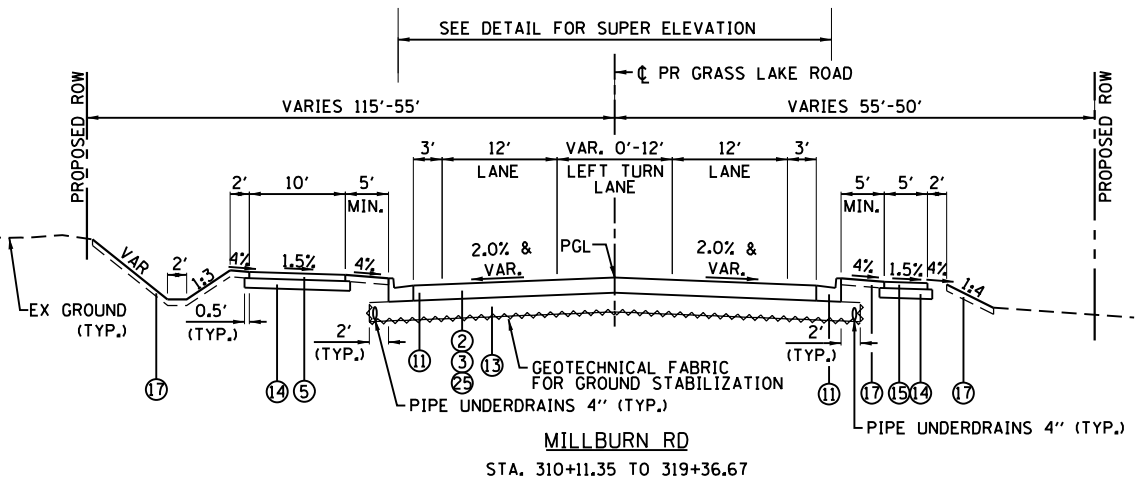
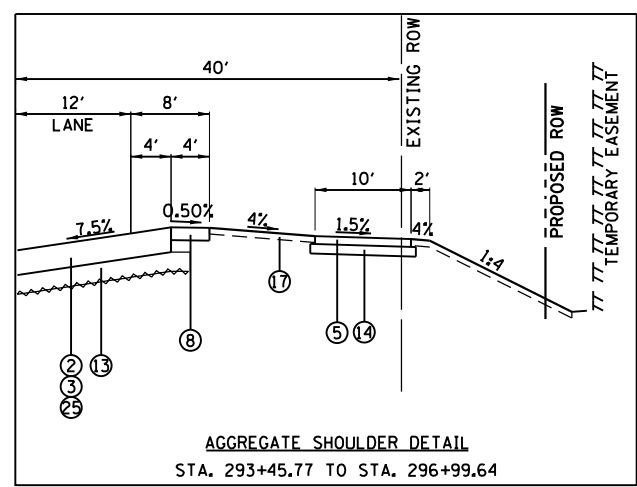
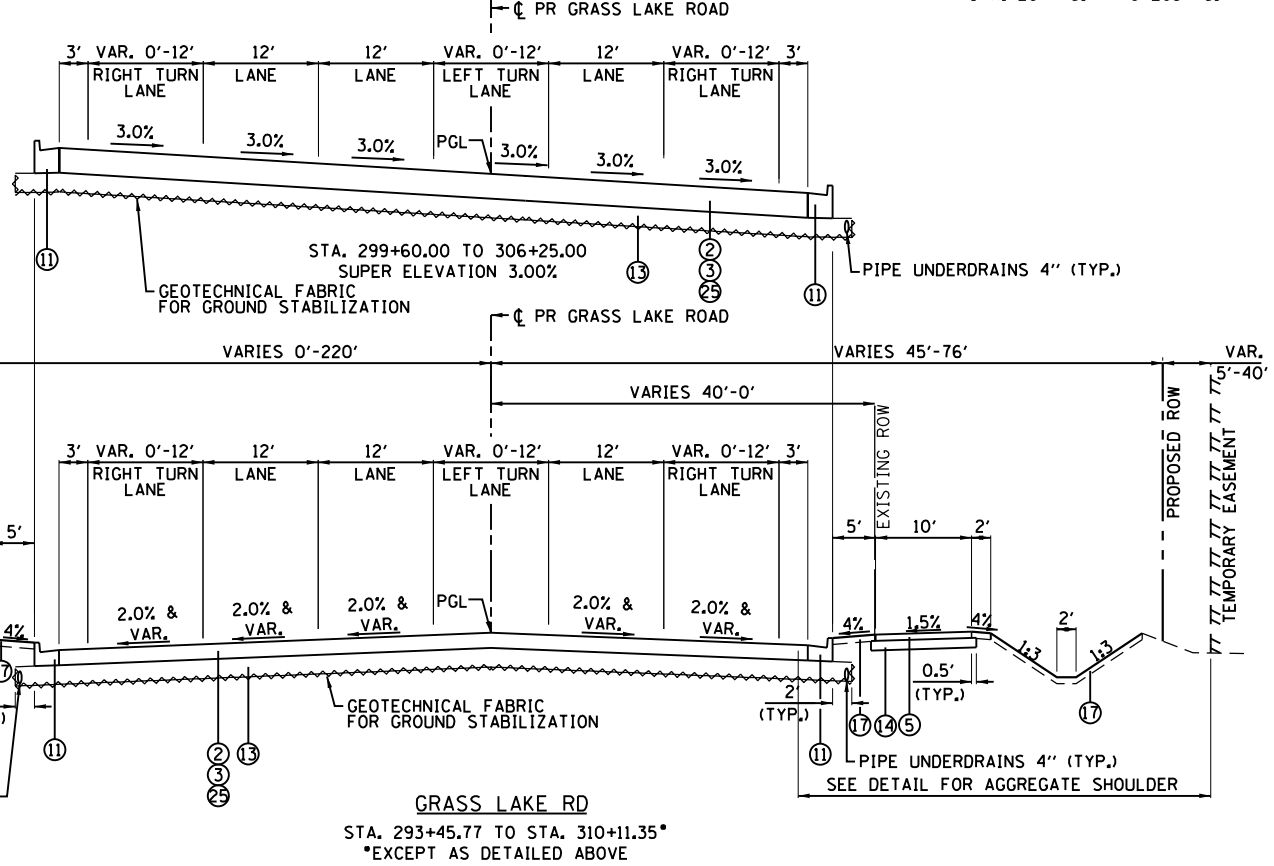
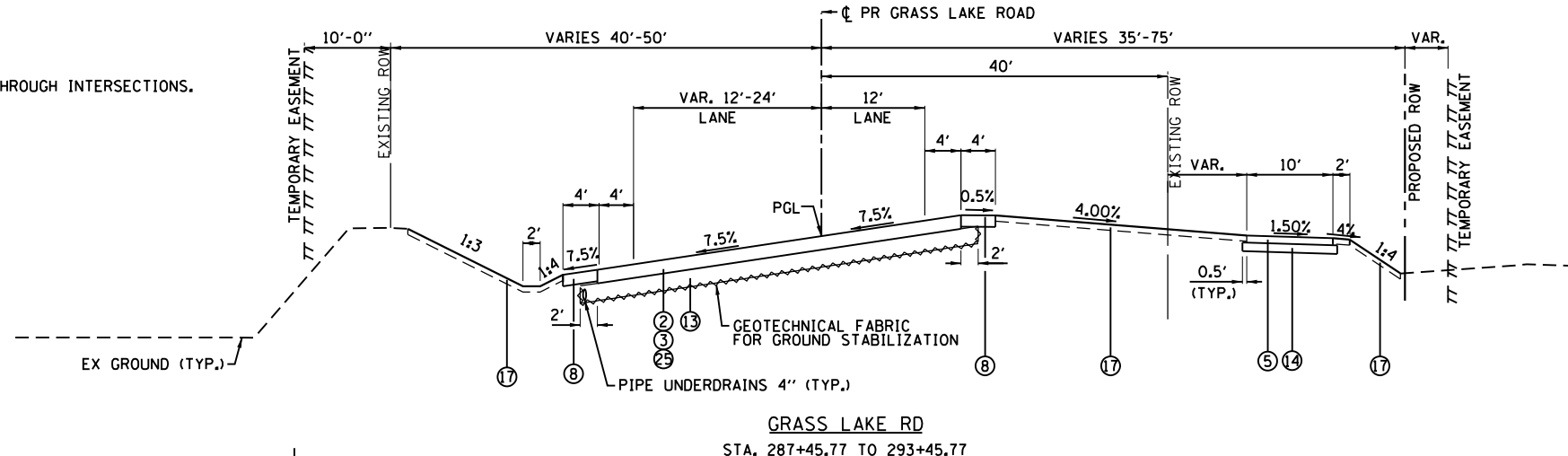
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	38
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE	
	NOTATIONS CHECKED	
	NO.	

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NOTES:
 1. SEE SUPERELEVATION TABLES FOR SLOPE RATES THROUGH CURVES.
 2. SEE INTERSECTION GRADING DETAIL DRAWINGS FOR SLOPE RATES THROUGH INTERSECTIONS.



- PROPOSED TYPICAL SECTIONS**
- ① PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
 - ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - ③ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7 1/4"
 - ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4"
 - ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
 - ⑥ HOT-MIX ASPHALT SHOULDERS, 8"
 - ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4"
 - ⑧ AGGREGATE SHOULDERS, TYPE B 6"
 - ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)
 - ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 - ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑫ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12"
 - ⑭ AGGREGATE BASE COURSE, TYPE B 6"
 - ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - ⑰ TOPSOIL FURNISH AND PLACE, 4", SEEDING, FERTILIZER AND EROSION CONTROL MAT
 - ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
 - ⑲ PROPOSED RETAINING WALL
 - ⑳ LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL 24" C-C, TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 1/2" (JOINTED)
 - ㉑ LONGITUDINAL SAWED JOINT - #6 STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 1/2" (JOINTED)
 - ㉒ LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CURB AND GUTTER PAY ITEM
 - ㉓ STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
 - ㉔ TOPSOIL FURNISH AND PLACE, 24", SEEDING, FERTILIZER AND EROSION CONTROL MAT
 - ㉕ LONGITUDINAL JOINT SEALANT

USER NAME = P0027446	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 3/13/2018	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

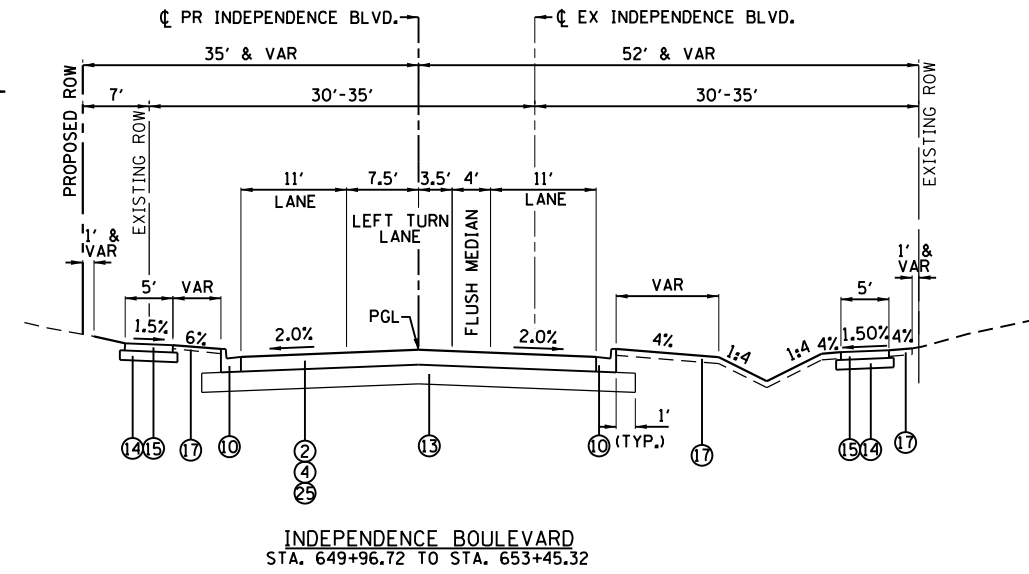
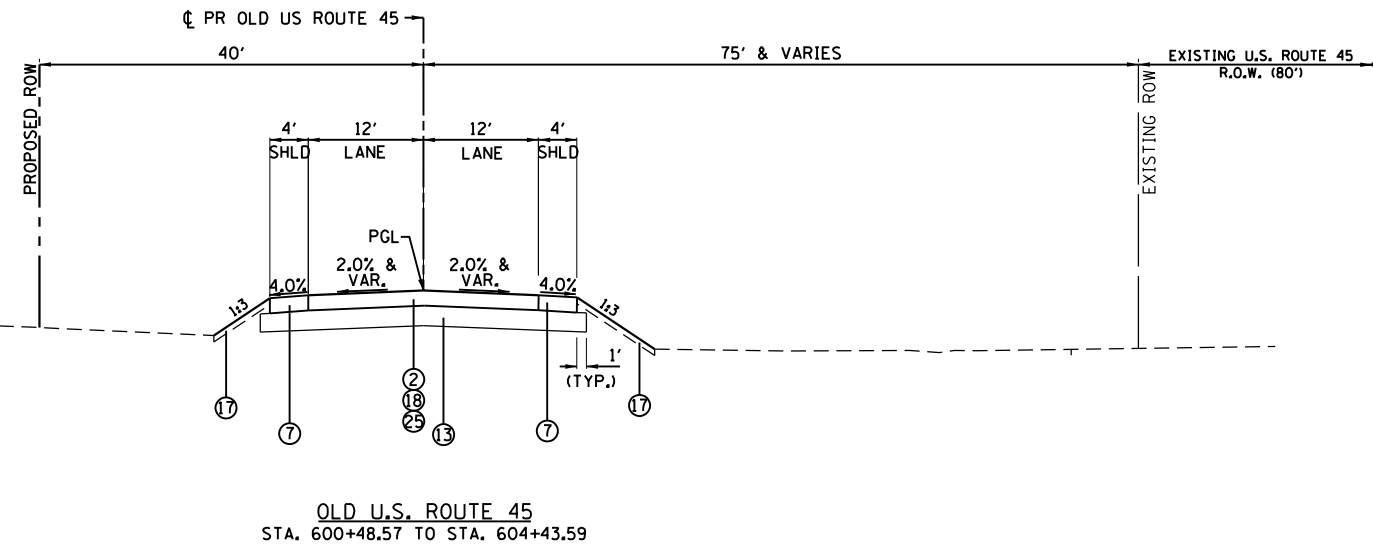
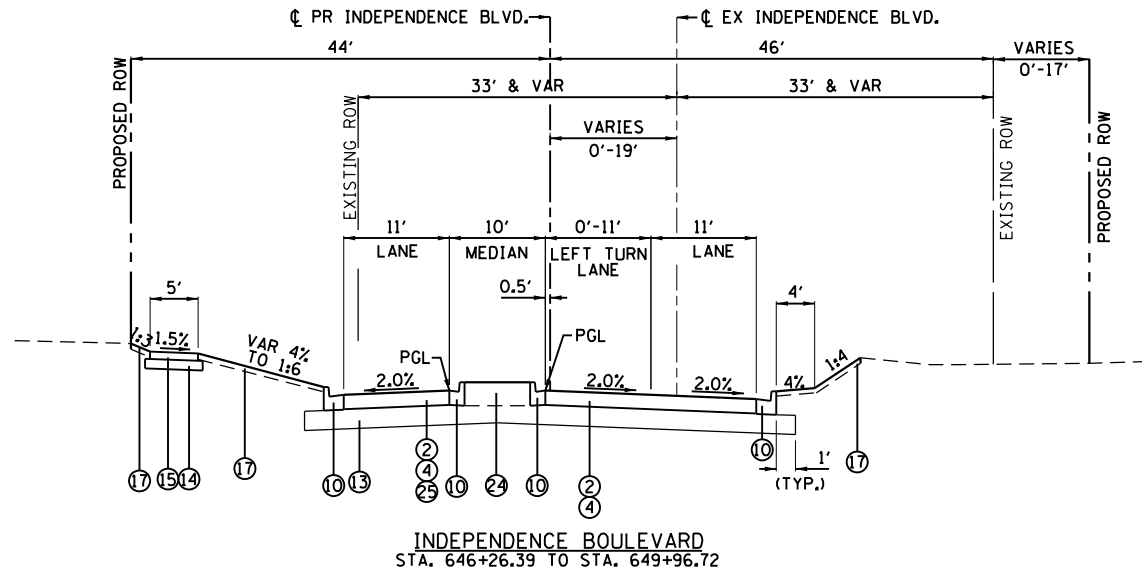
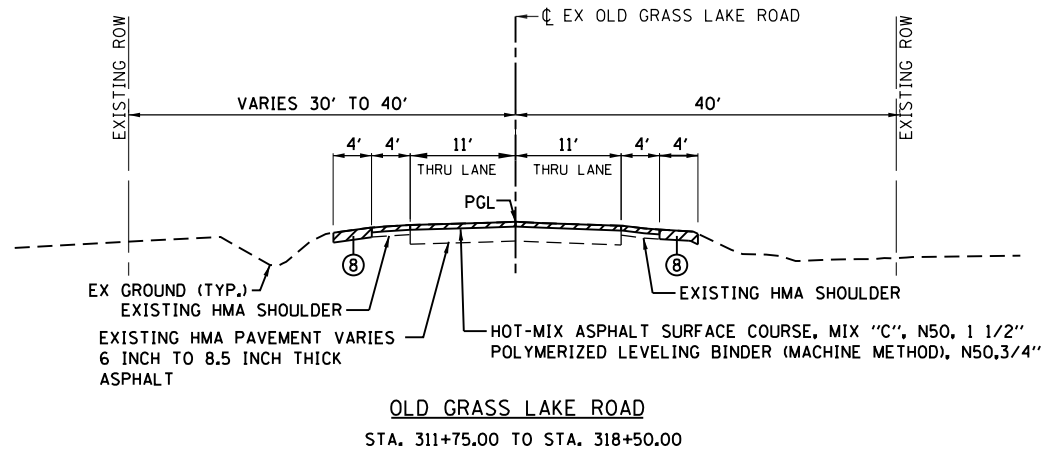
PROPOSED TYPICAL SECTIONS

SCALE: NS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	39
				CONTRACT NO. 60T75
				ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	FILE NAME _____	

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



PROPOSED TYPICAL SECTIONS

- PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7 1/4"
- HOT-MIX ASPHALT BASE COURSE, 4 3/4"
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
- HOT-MIX ASPHALT SHOULDERS, 8"
- HOT-MIX ASPHALT SHOULDERS, 7 3/4"
- AGGREGATE SHOULDERS, TYPE B 6"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- AGGREGATE SUBGRADE IMPROVEMENT 12"
- AGGREGATE BASE COURSE, TYPE B 6"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- TOPSOIL FURNISH AND PLACE, 4", SEEDING, FERTILIZER AND EROSION CONTROL MAT
- HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- PROPOSED RETAINING WALL
- LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL 24" C-C, TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 1/2" (JOINTED)
- LONGITUDINAL SAWED JOINT - #6 STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 1/2" (JOINTED)
- LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CURB AND GUTTER PAY ITEM
- STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
- TOPSOIL FURNISH AND PLACE, 24", SEEDING, FERTILIZER AND EROSION CONTROL MAT
- LONGITUDINAL JOINT SEALANT

NOTES:

- SEE SUPERELEVATION TABLES FOR SLOPE RATES THROUGH CURVES.
- SEE INTERSECTION GRADING DETAIL DRAWINGS FOR SLOPE RATES THROUGH INTERSECTIONS.

USER NAME = P0027446	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 20.0000' / IN.	CHECKED FZ	REVISED
PLOT DATE = 3/13/2018	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

SCALE: NS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	40
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T75	

FILE NAME = p:\w\vw\rip\wint\lparsons\cont\illinois\State Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\0260175.sht. sgt. 0%.dgn

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

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

FILE NAME = p:\t\l\ed2\p\p\person\com\illinois State Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\DI680775.sht.sch.13.dgn

78008230		POLYUREA PAVEMENT MARKING TYPE I - LINE 6"						
Calc'd By:	MO	Check'd By:	RJO	Accuracy	1	TOTAL	5397	FOOT
Date:	1/7/2016	Date:	6/21/2017					
ALIGNMENT	STATION	STATION	DESCRIPTION	FACTOR	LENGTH FOOT	TOTAL FOOT	SUBTOTALS	CONST CODE
US-45	105+98.10	TO 113+00	YELLOW TURN	1	184.99	185.0		US-45
			WHITE SKIP DOT	0.25	184.99	46.2		
			CROSSWALK	1	0	0.0	231	US-45
	113+00	TO 125+00	YELLOW TURN	1	649.14	649.1		US-45
			WHITE SKIP DOT	0.25	712.89	178.2		
			CROSSWALK	1	86.1	86.1	913	US-45
	125+00	TO 137+00	YELLOW TURN	1	89.85	89.9		
			WHITE SKIP DOT	0.25	220	55.0		
			CROSSWALK	1	0	0.0	145	US-45
	137+00	TO 150+00	YELLOW TURN	1	1818.28	1,818.3		
			WHITE SKIP DOT	0.25	1076.5	269.1		
			CROSSWALK	1	924.15	924.2	3,012	US-45
	150+00	TO 158+00	YELLOW TURN	1	0	0.0		
			WHITE SKIP DOT	0.25	319.88	80.0		
			CROSSWALK	1	0	0.0	80	US-45
	158+00	TO 171+00	YELLOW TURN	1	674.89	674.9		
			WHITE SKIP DOT	0.25	533.81	133.5		
			CROSSWALK	1	207.1	207.1	1,015	US-45
	171+00	TO 177+98.30		1		0.0		
				0.25		0.0		
				0.25		0.0		

X7830060		GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS						
Calc'd By:	MO	Check'd By:		Accuracy	1	TOTAL	1770	SQ FT
Date:	9/11/2017	Date:						
ALIGNMENT	STATION	OFFSET					SUBTOTALS	CONST CODE
	78000100		THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS				554	GRASS LAKE RD
	78008200		POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS				1216	US-45

X7830070		GROOVING FOR RECESSED PAVEMENT MARKING 5"						
Calc'd By:	MO	Check'd By:		Accuracy	1	TOTAL	37833	FOOT
Date:	9/11/2017	Date:						
ALIGNMENT	STATION	OFFSET					SUBTOTALS	CONST CODE
	78000200		THERMOPLASTIC PAVEMENT MARKING - LINE 4"				18924	GRASS LAKE RD
	78008210		POLYUREA PAVEMENT MARKING TYPE I - LINE 4"				18908	US-45

X7830072		GROOVING FOR RECESSED PAVEMENT MARKING 6"						
Calc'd By:	MO	Check'd By:		Accuracy	1	TOTAL	6815	FOOT
Date:	9/11/2017	Date:						
ALIGNMENT	STATION	OFFSET					SUBTOTALS	CONST CODE
	78000300		THERMOPLASTIC PAVEMENT MARKING - LINE 5"				6815	GRASS LAKE RD

X7830074		GROOVING FOR RECESSED PAVEMENT MARKING 7"						
Calc'd By:	MO	Check'd By:		Accuracy	1	TOTAL	7159	FOOT
Date:	9/11/2017	Date:						
ALIGNMENT	STATION	OFFSET					SUBTOTALS	CONST CODE
	78000400		THERMOPLASTIC PAVEMENT MARKING - LINE 6"				1762	GRASS LAKE RD
	78008230		POLYUREA PAVEMENT MARKING TYPE I - LINE 6"				5397	US-45

		GROOVING FOR RECESSED PAVEMENT MARKING 8"						
Calc'd By:	MO	Check'd By:		Accuracy	1	TOTAL	2392	FOOT
Date:	9/11/2017	Date:						
ALIGNMENT	STATION	OFFSET					SUBTOTALS	CONST CODE
			PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7"				2391.728	US-45

X7830078		GROOVING FOR RECESSED PAVEMENT MARKING 13"						
Calc'd By:	MO	Check'd By:		Accuracy	1	TOTAL	638	FOOT
Date:	9/11/2017	Date:						
ALIGNMENT	STATION	OFFSET					SUBTOTALS	CONST CODE
	78000600		THERMOPLASTIC PAVEMENT MARKING - LINE 12"				204	GRASS LAKE RD
	78008250		POLYUREA PAVEMENT MARKING TYPE I - LINE 12"				434	US-45

X7830090		GROOVING FOR RECESSED PAVEMENT MARKING 25"						
Calc'd By:	MO	Check'd By:		Accuracy	1	TOTAL	411	FOOT
Date:	9/11/2017	Date:						
ALIGNMENT	STATION	OFFSET					SUBTOTALS	CONST CODE
	78000650		THERMOPLASTIC PAVEMENT MARKING - LINE 24"				125	GRASS LAKE RD
	78008270		POLYUREA PAVEMENT MARKING TYPE I - LINE 24"				285	US-45

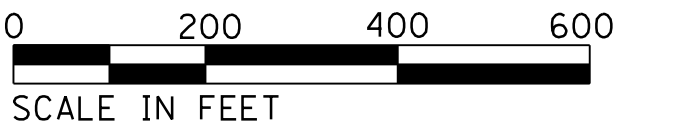
USER NAME = 35361	DESIGNED	REVISED -
	DRAWN	REVISED
PLOT SCALE = 1.0000' / 1"	CHECKED	REVISED
PLOT DATE = 9/18/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	52A
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	



ALIGNMENT	STATION	NORTHING	EASTING	DESCRIPTION
US RTE 45 - PROP	100+00.00	2093447.82	1073217.05	POT
US RTE 45 - PROP	111+47.83	2094595.64	1073221.06	P.C.
US RTE 45 - PROP	116+91.15	2095138.97	1073222.95	P.I. CURVE = PR45-1
US RTE 45 - PROP	120+47.65	2095465.15	1073021.98	C - C IL RTE 45/OLD IL RT 45
US RTE 45 - PROP	122+08.08	2095606.33	1072945.87	P.T.
US RTE 45 - PROP	129+19.99	2096218.71	1072582.83	P.C.
US RTE 45 - PROP	134+63.68	2096686.39	1072305.56	P.I. CURVE = PR45-2
US RTE 45 - PROP	139+12.99	2097162.15	1072308.55	C - C IL RTE 45/HAVEN RD
US RTE 45 - PROP	139+80.91	2097230.07	1072307.65	P.T.
OLD US RTE 45 - PROP	600+00.00	2095465.15	1073021.98	C - C IL RTE 45/OLD IL RT 45
OLD US RTE 45 - PROP	601+53.63	2095565.47	1073138.34	P.C.
OLD US RTE 45 - PROP	602+67.66	2095639.92	1073224.7	P.I. CURVE = PROLD45-1
OLD US RTE 45 - PROP	603+67.59	2095753.94	1073225.1	P.T.
OLD US RTE 45 - PROP	606+00.00	2095986.35	1073225.91	POT
HAVEN LANE -PROP	800+00.00	2097163.8	10720690.29	POT
HAVEN LANE -PROP	802+39.28	2097162.16	1072308.56	C - C
HAVEN LANE -PROP	806+00.00	2097159.69	1072669.27	

CONTROL POINTS						
POINT ID	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
CP105	PR US 45	120+50.82	204.28 RT	2095557.55	1073204.19	735.50
CP106	PR US 45	106+47.07	60.36 LT	2094094.83	1073158.95	730.48

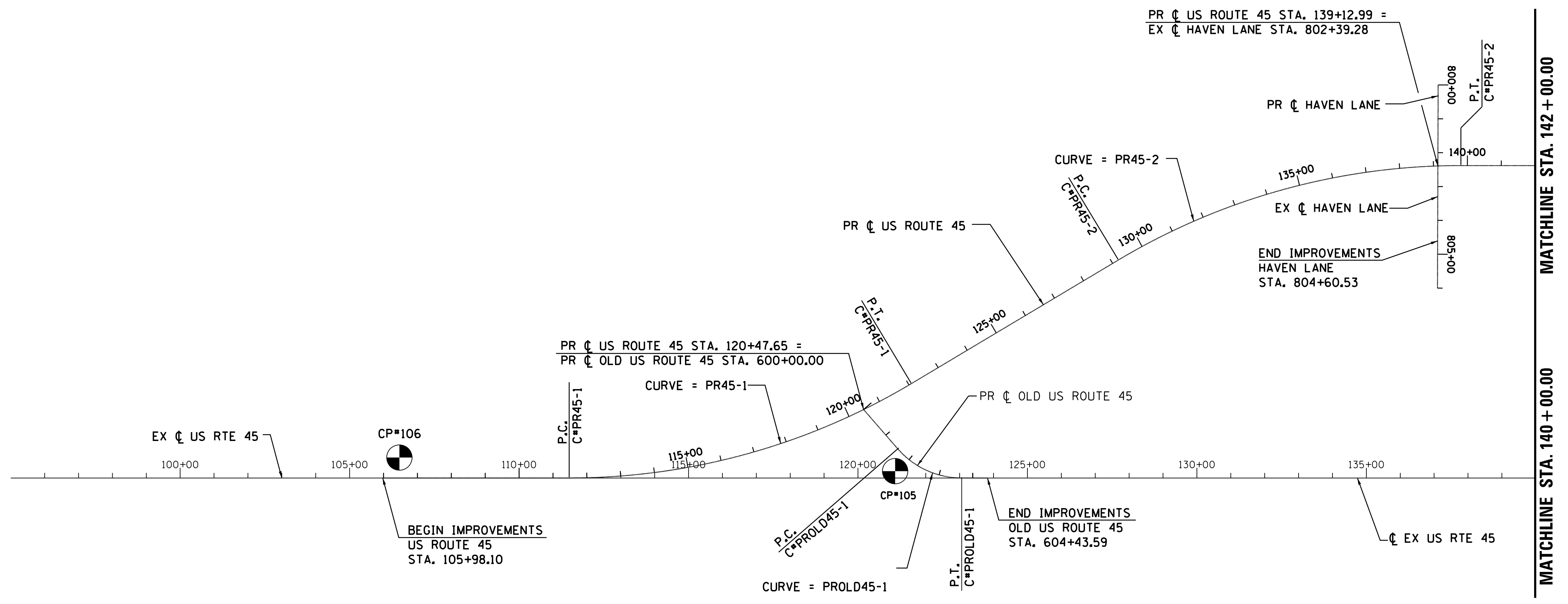
	US ROUTE 45 CURVE = PR45-1	US ROUTE 45 CURVE = PR45-2	OLD US ROUTE 45 CURVE = PR45-4
P.I.	STA. 116+91.43	STA. 134+63.95	STA. 602+67.66
▲	30° 51' 42.01"	30° 52' 52.36"	49° 02' 09.04"
D	2° 54' 38.81"	2° 54' 38.81"	22° 55' 05.92"
R	1968.4	1968.4	250
T	543.33	543.69	114.03
L	1060.25	1060.92	213.96
E	73.61	73.71	24.78
e			
P.C.	STA. 111+48.10	STA. 129+20.61	STA. 601+53.63
P.T.	STA. 122+08.08	STA. 139+81.18	STA. 603+67.59

BENCHMARK: LAK132 1A
 STATION IS LOCATED 3.8 MI SOUTH OF OLD MILL CREEK WITHIN THE CITY OF GURNEE IN SECTION 18, T45N, R11E. TO REACH FROM THE JUNCTION OF IL RE 132 AND US RT 45 PROCEED EAST ON IL RT 132 FOR 100 FT TO THE STATION LOCATED 43 FT SOUTH OF THE CENTERLINE OF IL RT 132 AND 18.7 FT SOUTH OF THE BACK OF CURB OF IL RT 132. STATION IS LOCATED 204 FT NORTHEAST OF POWERPOLE (PP), 113 FT NORTHEAST OF PP, 59.7 FT NORTHEAST OF PP, 91 FT NORTH OF ENTRANCE TO COUNTRY GARDENS NURSERY, 59 FT NORTHEAST OF IBT MANHOLE, 55 FT SOUTHEAST OF STORM MANHOLE, AND 59.7 FT NORTHEAST OF ORANGE FIBERGLASS WITNESS POST. NOTE - ACCESS TO DATUM POINT THROUGH 6 INCH LOGO CAP. DATUM POINT IS 0.60 FT BELOW CAP. THE ROD WAS DRIVEN TO REFUSAL AND ANCHORED. PK NAILS WERE SET IN WOOD PHYSICAL TIES.
 ELEVATION: 777.83

BENCHMARK: LAK45 1A
 STATION IS LOCATED 2.8 MI NORTH OF LINDENHURST, 1.9 MI NORTHWEST OLD MILL CREEK IN SECTION 24, T46N, R10E. TO REACH FROM THE JUNCTION OF US RT 45 AND IL RT 173 PROCEED SOUTH ON US RT 45 FOR 1.10 MI TO THE STATION LOCATED 53.5 FT EAST OF THE CENTERLINE OF US RT 45. STATION IS LOCATED 0.1 MI NORTH OF MILLER RD, 369.1 FT SOUTHEAST OF END OF GUARDRAIL, 123.9 FT NORTH OF POWER POLE (PP), 119.4 FT SOUTH OF PP, 111.7 FT EAST OF PP, AND 2 FT WEST OF ORANGE FIBERGLASS WITNESS POST. NOTE - ACCESS TO DATUM POINT IS 0.50 FT BELOW CAP. PK NAILS WERE SET IN WOOD PHYSICAL TIES.
 ELEVATION: 759.13

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	ATTEMPTED	
	FILE NAME	

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



FILE NAME = p:\t\l\ed2\p\m\01\person\com\illinois\State Documents\US45 - 647965\40 - Design\CAD\Roadway\Sheets\DI60775.sht.alg-01.dgn

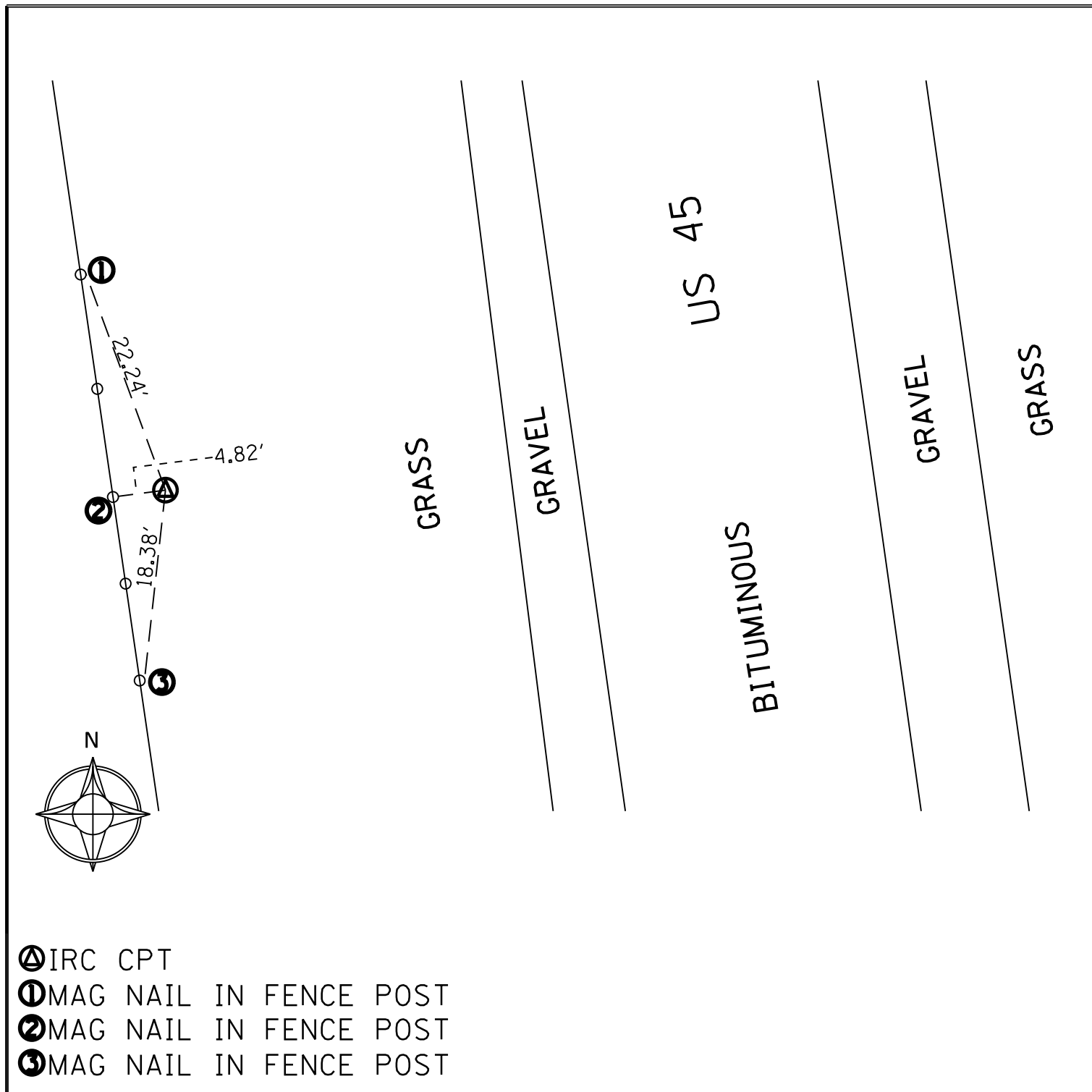
USER NAME = 35361	DESIGNED SO	REVISED -
	DRAWN SO	REVISED
PLOT SCALE = 200.0000' / 1"	CHECKED BN	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1"=200'	SHEET	OF SHEETS	STA. TO STA.

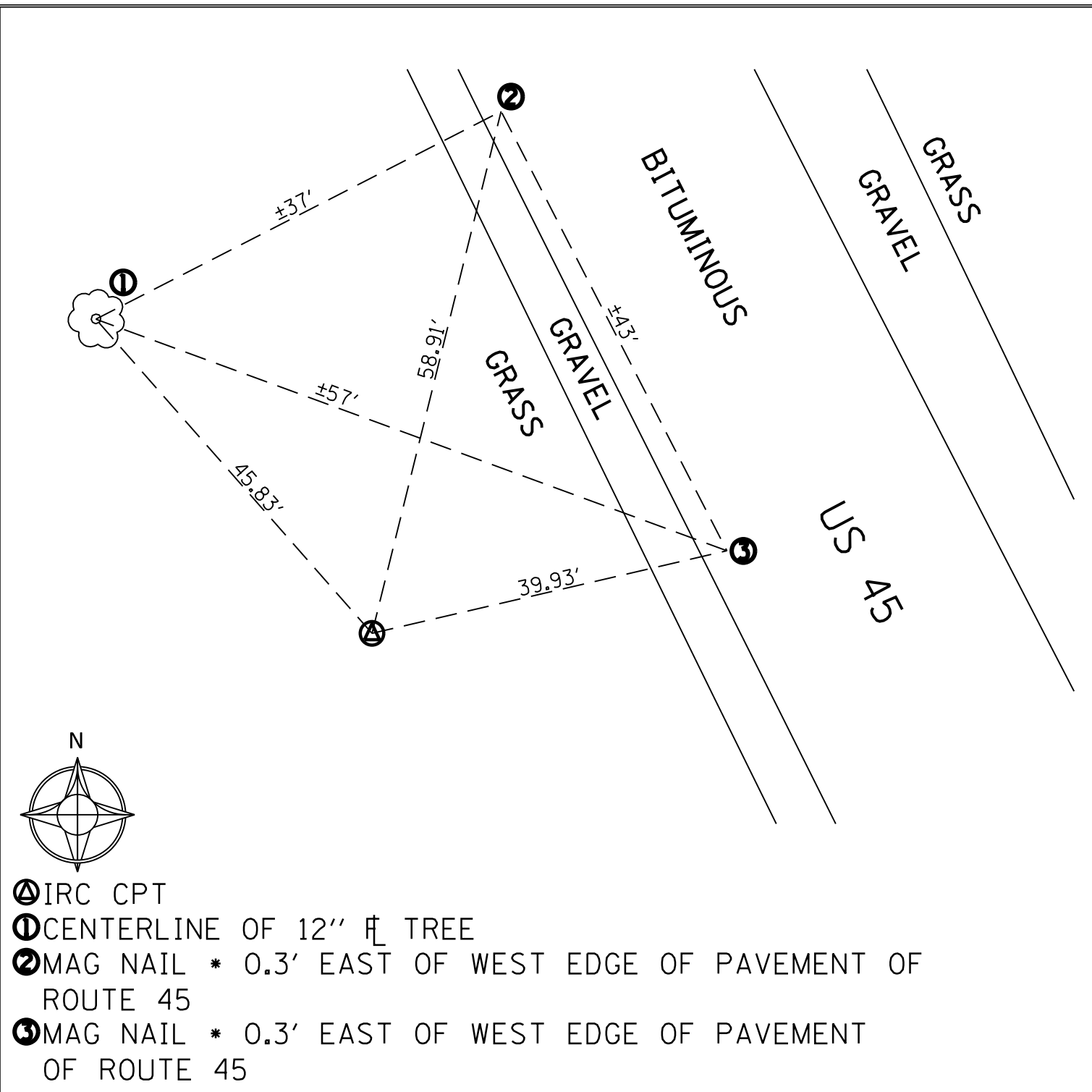
F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 53
CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
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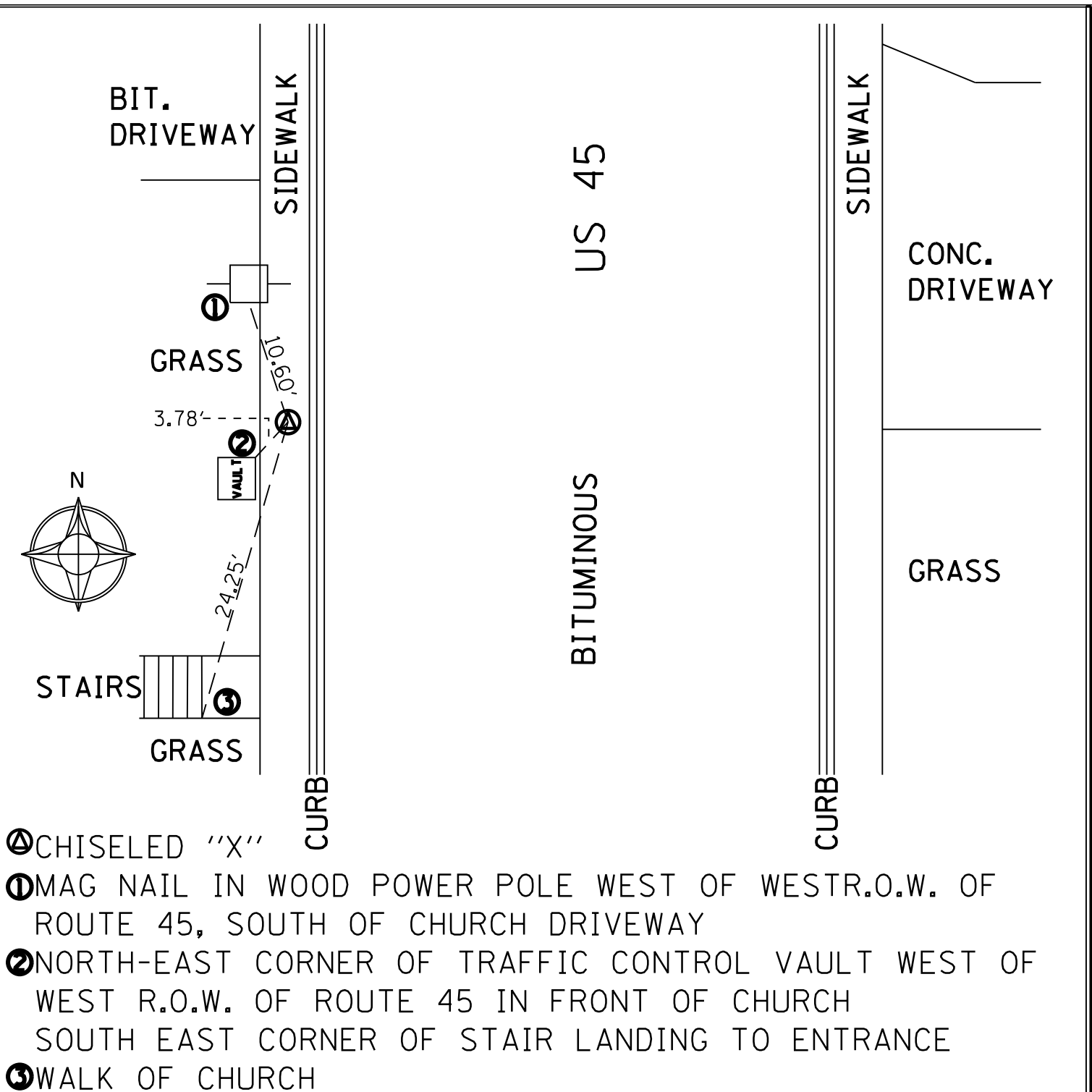
- ④ IRC CPT
- ① MAG NAIL IN FENCE POST
- ② MAG NAIL IN FENCE POST
- ③ MAG NAIL IN FENCE POST

DESCRIPTION:
CONTROL POINT 102 IS AN IRON ROD CAP LOCATED WEST OF ROUTE 45 NEAR THE FENCE LINE.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2102521.020 EASTING...: 1071706.350
 ELEVATION: 745.710



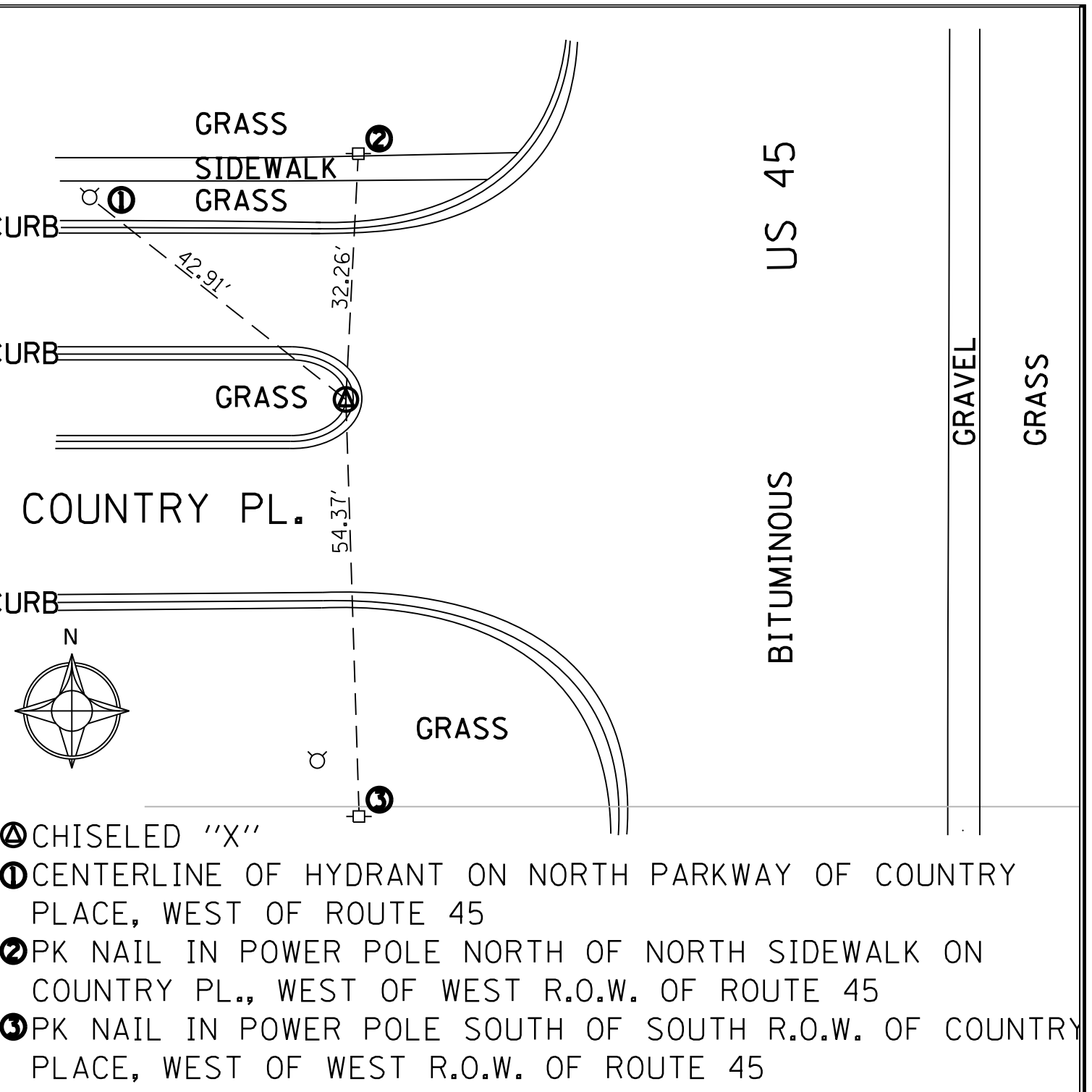
- ④ IRC CPT
- ① CENTERLINE OF 12" ̄ TREE
- ② MAG NAIL * 0.3' EAST OF WEST EDGE OF PAVEMENT OF ROUTE 45
- ③ MAG NAIL * 0.3' EAST OF WEST EDGE OF PAVEMENT OF ROUTE 45

DESCRIPTION:
CONTROL POINT 103 IS AN IRON ROD CAP LOCATED WEST OF ROUTE 45, ±400' SOUTH OF 39202 N. ROUTE 45.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2100203.650 EASTING...: 1072193.325
 ELEVATION: 738.670



- ④ CHISELED "X"
- ① MAG NAIL IN WOOD POWER POLE WEST OF WEST R.O.W. OF ROUTE 45, SOUTH OF CHURCH DRIVEWAY
- ② NORTH-EAST CORNER OF TRAFFIC CONTROL VAULT WEST OF WEST R.O.W. OF ROUTE 45 IN FRONT OF CHURCH SOUTH EAST CORNER OF STAIR LANDING TO ENTRANCE
- ③ WALK OF CHURCH

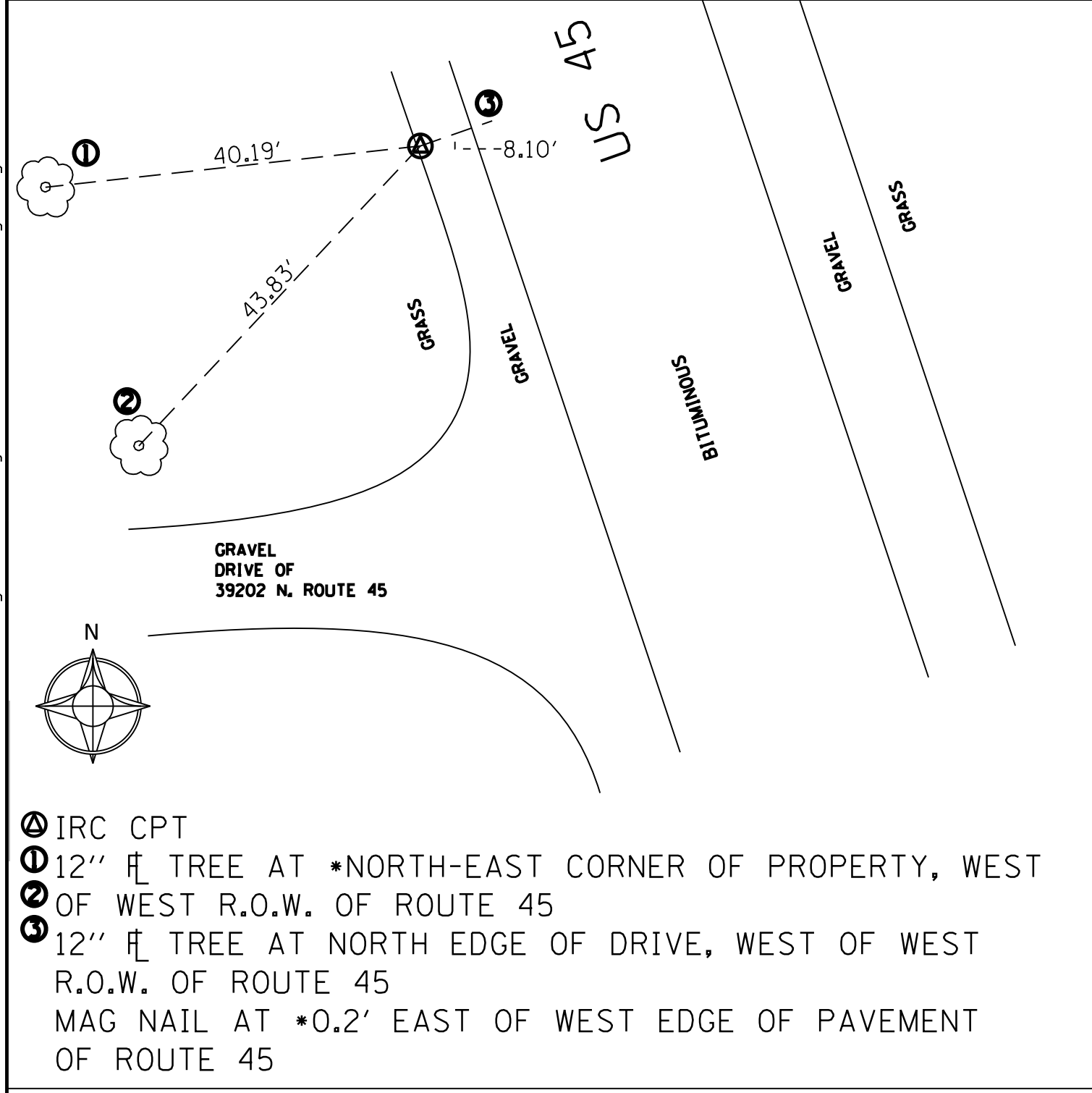
DESCRIPTION:
CONTROL POINT 104 IS A X CHISELED INTO THE SIDEWALK IN FRONT OF THE EAST SIDE OF THE MILLBURN CONGREGATIONAL CHURCH AT THE INTERSECTION OF W. GRASS LAKE RD. AND US 45.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2097836.734 EASTING...: 1073209.520
 ELEVATION: 744.330



- ④ CHISELED "X"
- ① CENTERLINE OF HYDRANT ON NORTH PARKWAY OF COUNTRY PLACE, WEST OF ROUTE 45
- ② PK NAIL IN POWER POLE NORTH OF NORTH SIDEWALK ON COUNTRY PL., WEST OF WEST R.O.W. OF ROUTE 45
- ③ PK NAIL IN POWER POLE SOUTH OF SOUTH R.O.W. OF COUNTRY PLACE, WEST OF WEST R.O.W. OF ROUTE 45

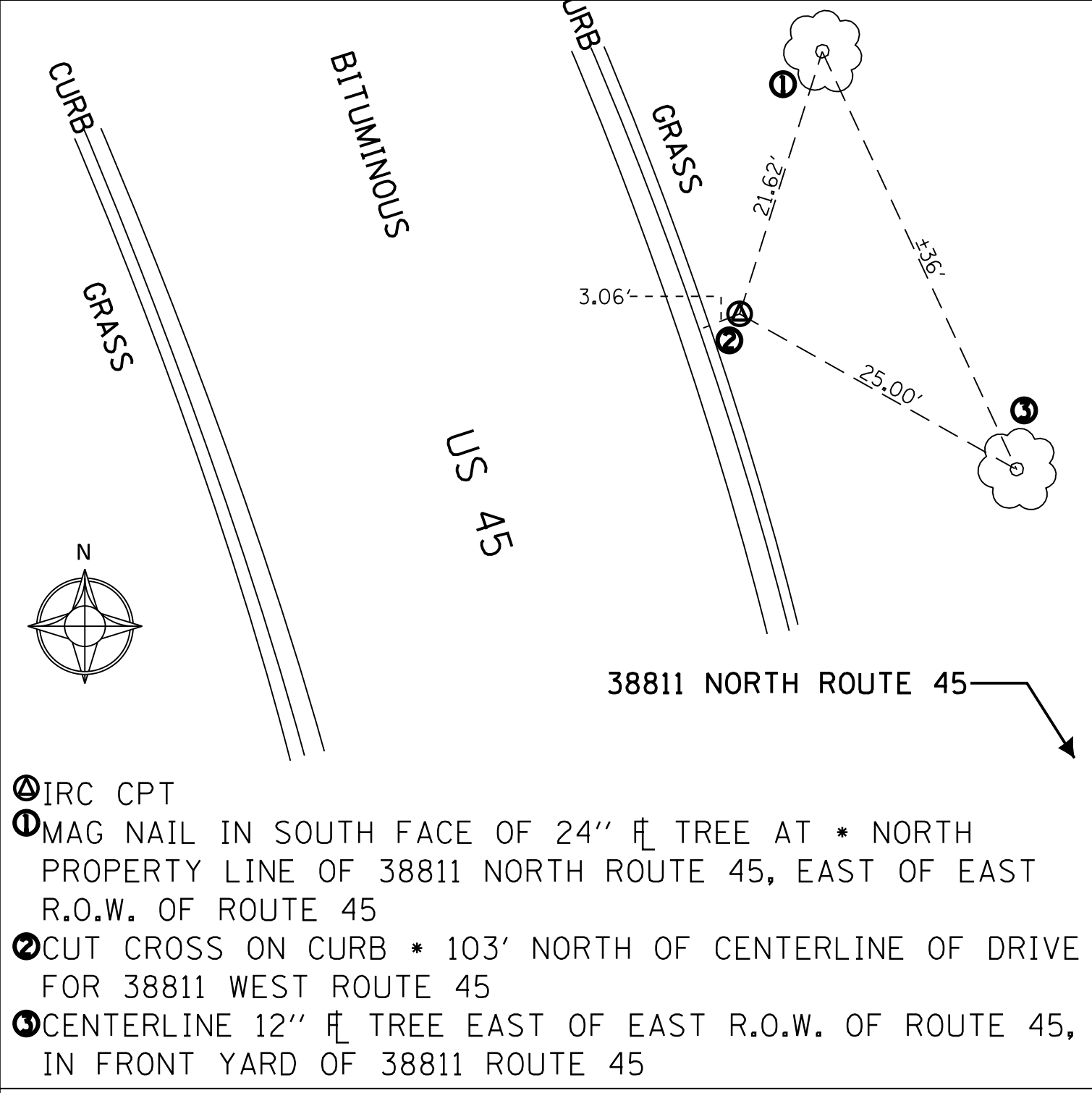
DESCRIPTION:
CONTROL POINT 106 IS A X CHISELED INTO THE TOP OF THE CURB ON THE EASTERN SIDE OF THE MEDIAN AT THE INTERSECTION OF COUNTRY PL. AND US 45.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2094094.830 EASTING...: 1073158.950
 ELEVATION: 730.500

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO.	



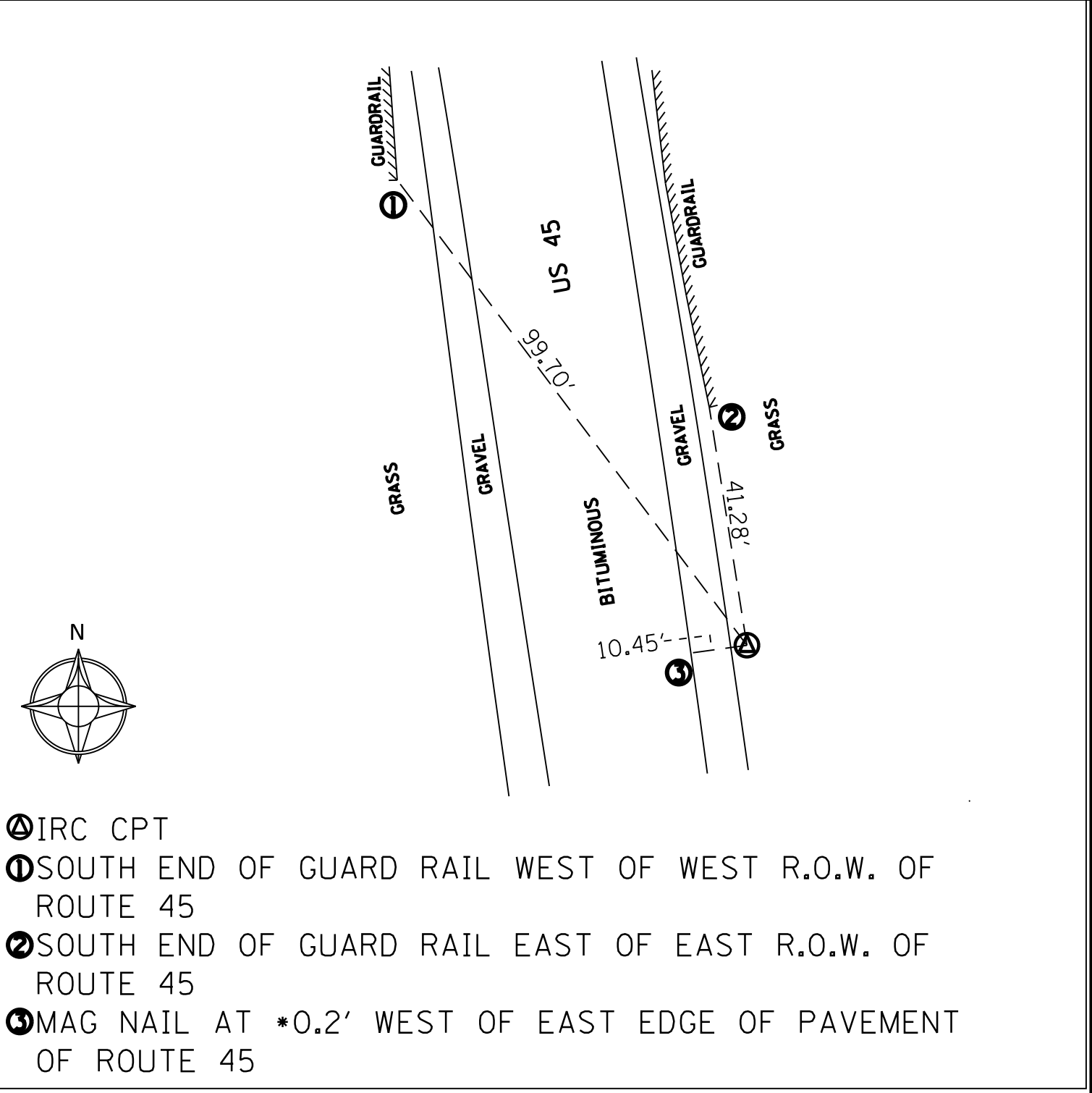
- ④ IRC CPT
- ① 12" ̄ TREE AT *NORTH-EAST CORNER OF PROPERTY, WEST OF WEST R.O.W. OF ROUTE 45
- ② 12" ̄ TREE AT NORTH EDGE OF DRIVE, WEST OF WEST R.O.W. OF ROUTE 45
- ③ MAG NAIL AT *0.2' EAST OF WEST EDGE OF PAVEMENT OF ROUTE 45

DESCRIPTION:
CONTROL POINT 122 IS AN IRON ROD CAP LOCATED WEST OF ROUTE 45, NORTH OF GRAVEL DRIVE OF 39202 N. ROUTE 45.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2100602.690 EASTING...: 1072058.305
 ELEVATION: 739.170



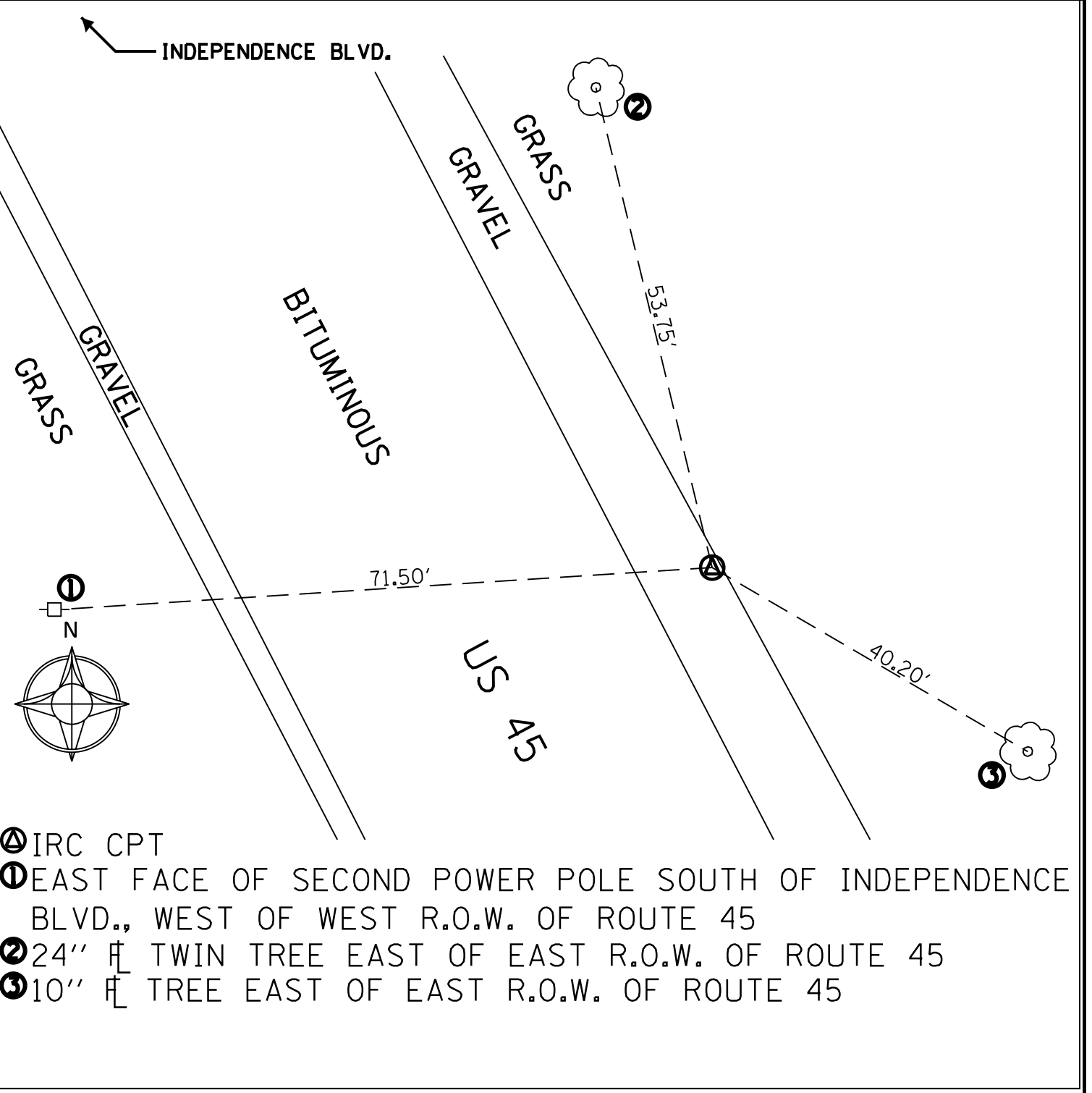
- ④ IRC CPT
- ① MAG NAIL IN SOUTH FACE OF 24" ̄ TREE AT * NORTH PROPERTY LINE OF 38811 NORTH ROUTE 45, EAST OF EAST R.O.W. OF ROUTE 45
- ② CUT CROSS ON CURB * 103' NORTH OF CENTERLINE OF DRIVE FOR 38811 WEST ROUTE 45
- ③ CENTERLINE 12" ̄ TREE EAST OF EAST R.O.W. OF ROUTE 45, IN FRONT YARD OF 38811 ROUTE 45

DESCRIPTION:
CONTROL POINT 123 IS AN IRON ROD CAP LOCATED ON THE EAST SIDE OF ROUTE 45, NORTH OF 38811 NORTH ROUTE 45.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2098372.119 EASTING...: 1073197.937
 ELEVATION: 742.020



- ④ IRC CPT
- ① SOUTH END OF GUARD RAIL WEST OF WEST R.O.W. OF ROUTE 45
- ② SOUTH END OF GUARD RAIL EAST OF EAST R.O.W. OF ROUTE 45
- ③ MAG NAIL AT *0.2' WEST OF EAST EDGE OF PAVEMENT OF ROUTE 45

DESCRIPTION:
CONTROL POINT 127 IS AN IRON ROD CAP LOCATED EAST OF ROUTE 45.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2101582.631 EASTING...: 1071924.809
 ELEVATION: 733.790



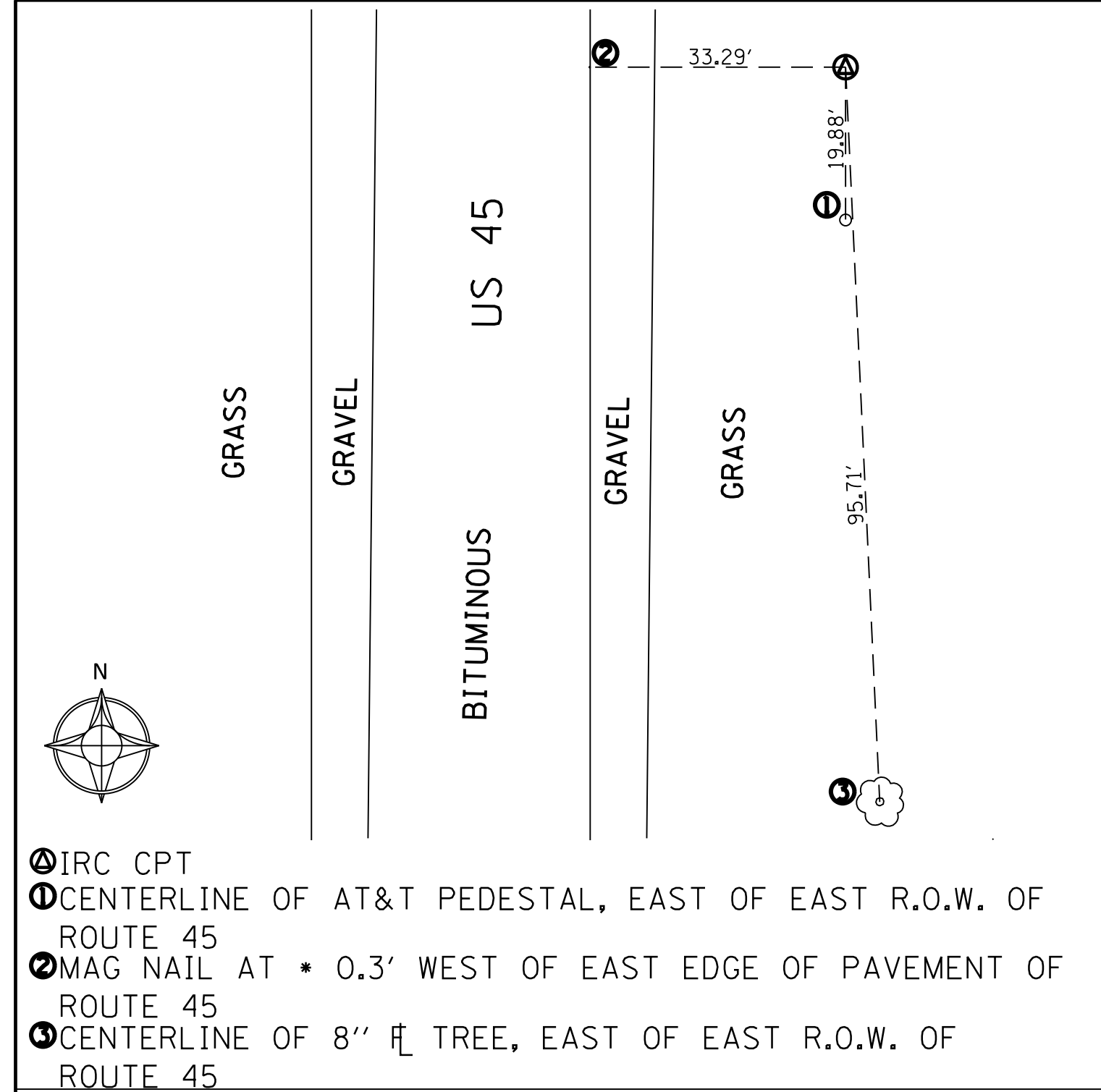
- ④ IRC CPT
- ① EAST FACE OF SECOND POWER POLE SOUTH OF INDEPENDENCE BLVD., WEST OF WEST R.O.W. OF ROUTE 45
- ② 24" ̄ TWIN TREE EAST OF EAST R.O.W. OF ROUTE 45
- ③ 10" ̄ TREE EAST OF EAST R.O.W. OF ROUTE 45

DESCRIPTION:
CONTROL POINT 128 IS AN IRON ROD CAP LOCATED ON THE EAST SIDE OF ROUTE 45, SOUTH OF THE INTERSECTION OF INDEPENDENCE BLVD AND ROUTE 45.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2099195.740 EASTING...: 1072796.070
 ELEVATION: 743.330

USER NAME = 35361	DESIGNED SO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS				F.A.P. RT. = 344	SECTION = 39 R	COUNTY = LAKE	TOTAL SHEETS = 510	SHEET NO. = 55
PLOT SCALE = 20.0000' / in.	CHECKED BN	REVISED		SCALE: 1"=200'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 60T75	
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED		ILLINOIS FED. AID PROJECT								

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

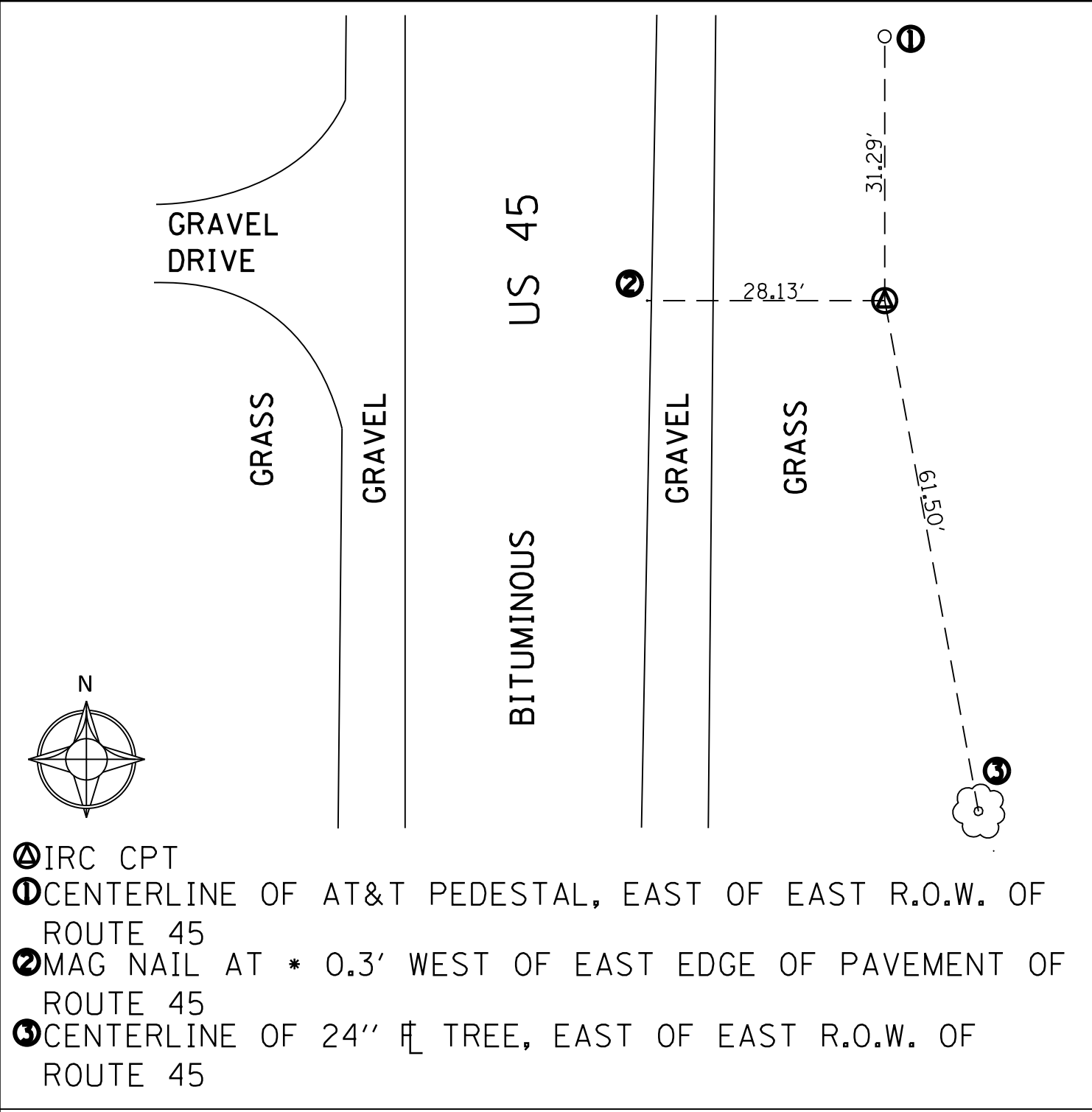
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.	ALIGNED		
	FIELD FILE NAME		



④ IRC CPT
 ① CENTERLINE OF AT&T PEDESTAL, EAST OF EAST R.O.W. OF ROUTE 45
 ② MAG NAIL * 0.3' WEST OF EAST EDGE OF PAVEMENT OF ROUTE 45
 ③ CENTERLINE OF 8" T TREE, EAST OF EAST R.O.W. OF ROUTE 45

DESCRIPTION:

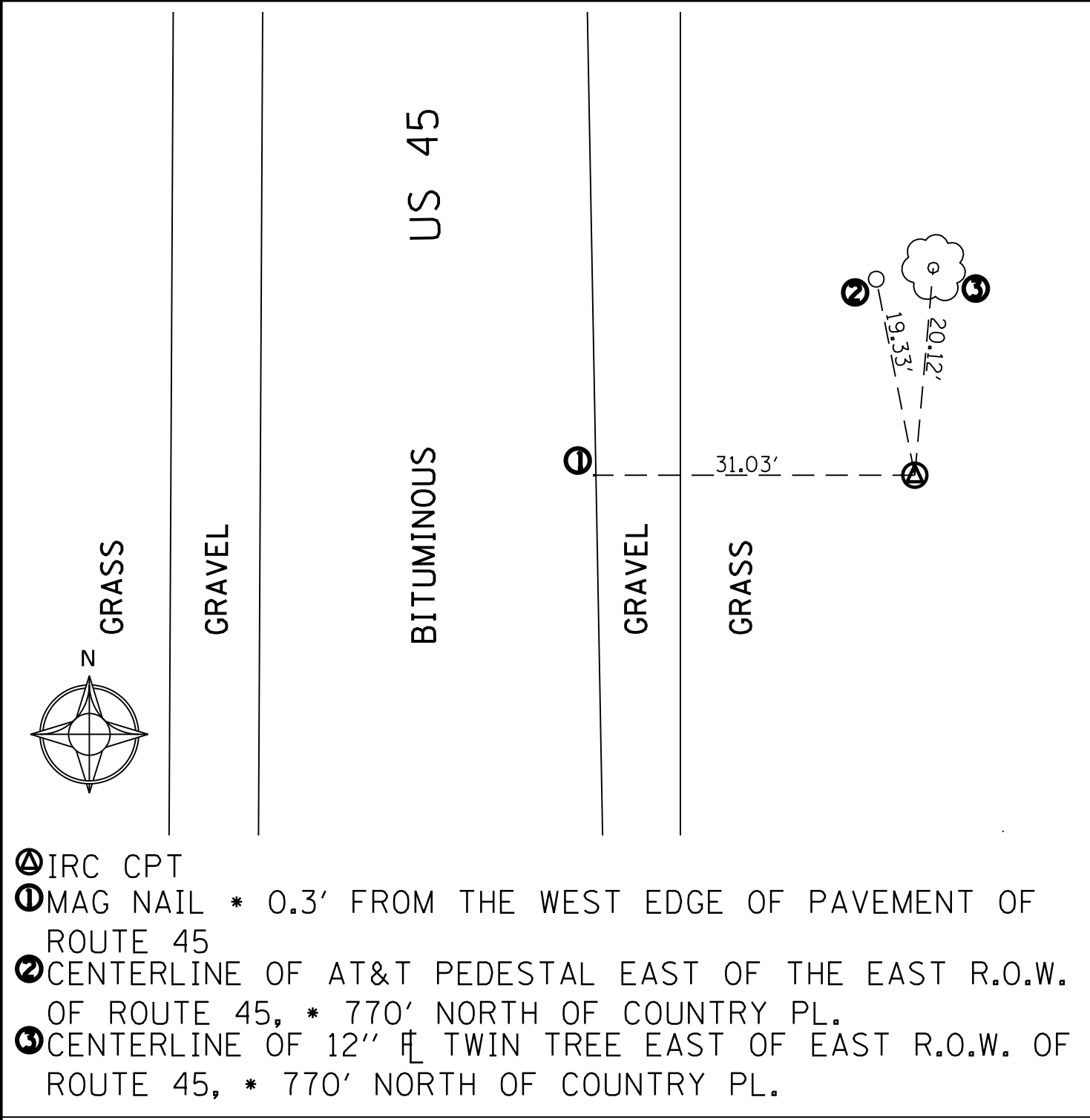
CONTROL POINT 201 IS AN IRON ROD CAP LOCATED EAST OF ROUTE 45.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2092426.075 EASTING...: 1073259.746



④ IRC CPT
 ① CENTERLINE OF AT&T PEDESTAL, EAST OF EAST R.O.W. OF ROUTE 45
 ② MAG NAIL AT * 0.3' WEST OF EAST EDGE OF PAVEMENT OF ROUTE 45
 ③ CENTERLINE OF 24" T TREE, EAST OF EAST R.O.W. OF ROUTE 45

DESCRIPTION:

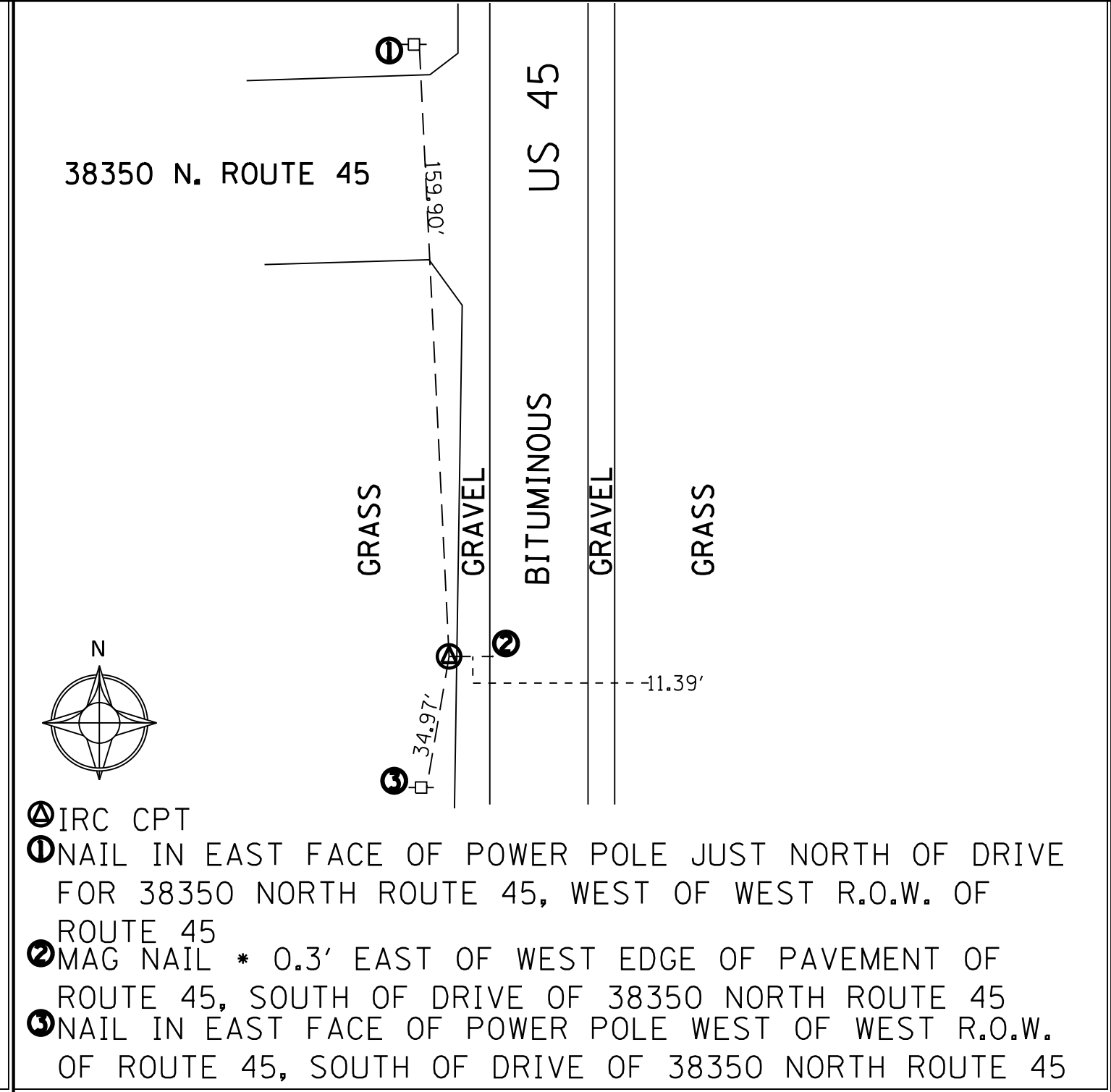
CONTROL POINT 202 IS AN IRON ROD CAP LOCATED EAST OF ROUTE 45,
 ± 832' SOUTH OF COUNTRY PL. ROAD.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2093262.873 EASTING...: 1073258.377



④ IRC CPT
 ① MAG NAIL * 0.3' FROM THE WEST EDGE OF PAVEMENT OF ROUTE 45
 ② CENTERLINE OF AT&T PEDESTAL EAST OF THE EAST R.O.W. OF ROUTE 45, * 770' NORTH OF COUNTRY PL.
 ③ CENTERLINE OF 12" T TWIN TREE EAST OF EAST R.O.W. OF ROUTE 45, * 770' NORTH OF COUNTRY PL.

DESCRIPTION:

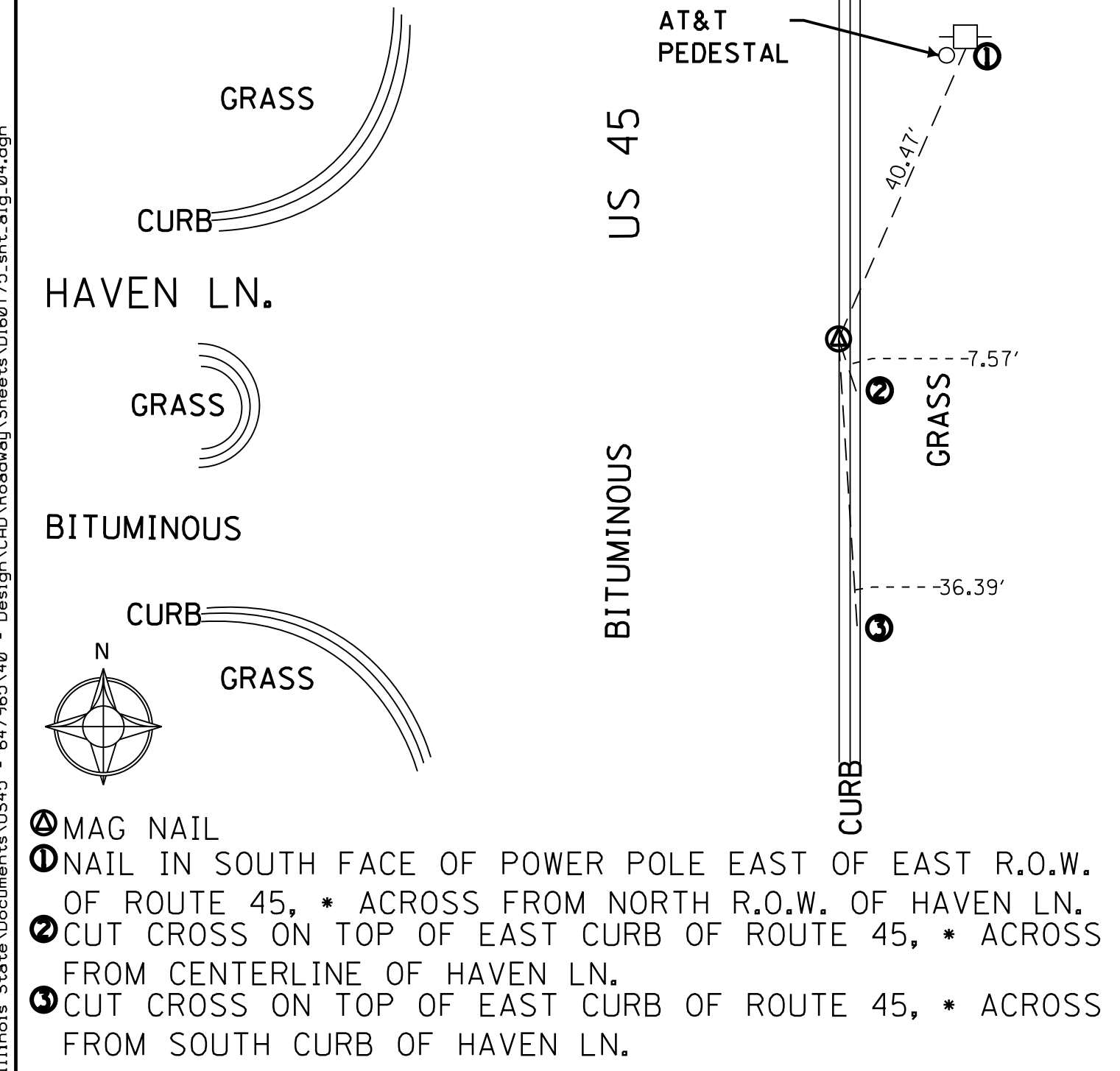
CONTROL POINT 203 IS AN IRON ROD CAP LOCATED EAST OF US 45.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2094857.238 EASTING...: 1073268.776



④ IRC CPT
 ① NAIL IN EAST FACE OF POWER POLE JUST NORTH OF DRIVE FOR 38350 NORTH ROUTE 45, WEST OF WEST R.O.W. OF ROUTE 45
 ② MAG NAIL * 0.3' EAST OF WEST EDGE OF PAVEMENT OF ROUTE 45, SOUTH OF DRIVE OF 38350 NORTH ROUTE 45
 ③ NAIL IN EAST FACE OF POWER POLE WEST OF WEST R.O.W. OF ROUTE 45, SOUTH OF DRIVE OF 38350 NORTH ROUTE 45

DESCRIPTION:

CONTROL POINT 204 IS AN IRON ROD CAP LOCATED WEST OF US 45 AND SOUTH OF 38350 NORTH ROUTE 45.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2095550.263 EASTING...: 1073201.065



④ MAG NAIL
 ① NAIL IN SOUTH FACE OF POWER POLE EAST OF EAST R.O.W. OF ROUTE 45, * ACROSS FROM NORTH R.O.W. OF HAVEN LN.
 ② CUT CROSS ON TOP OF EAST CURB OF ROUTE 45, * ACROSS FROM CENTERLINE OF HAVEN LN.
 ③ CUT CROSS ON TOP OF EAST CURB OF ROUTE 45, * ACROSS FROM SOUTH CURB OF HAVEN LN.

DESCRIPTION:

CONTROL POINT 205 IS A MAG NAIL LOCATED ON THE EAST SIDE OF THE INTERSECTION OF HAVEN LN. AND ROUTE 45.
 MONUMENT COORDINATES, SPCS (NAD83, usFT), ILLINOIS EAST - 1201:
 NORTHING...: 2097123.705 EASTING...: 1073251.059

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	DRAWN SO	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED BN	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

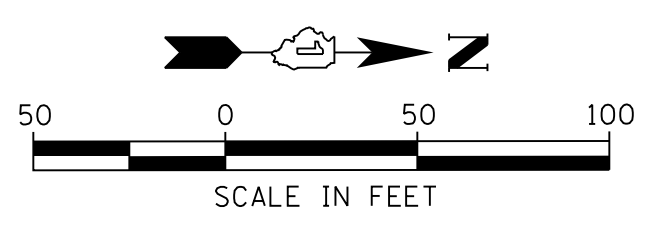
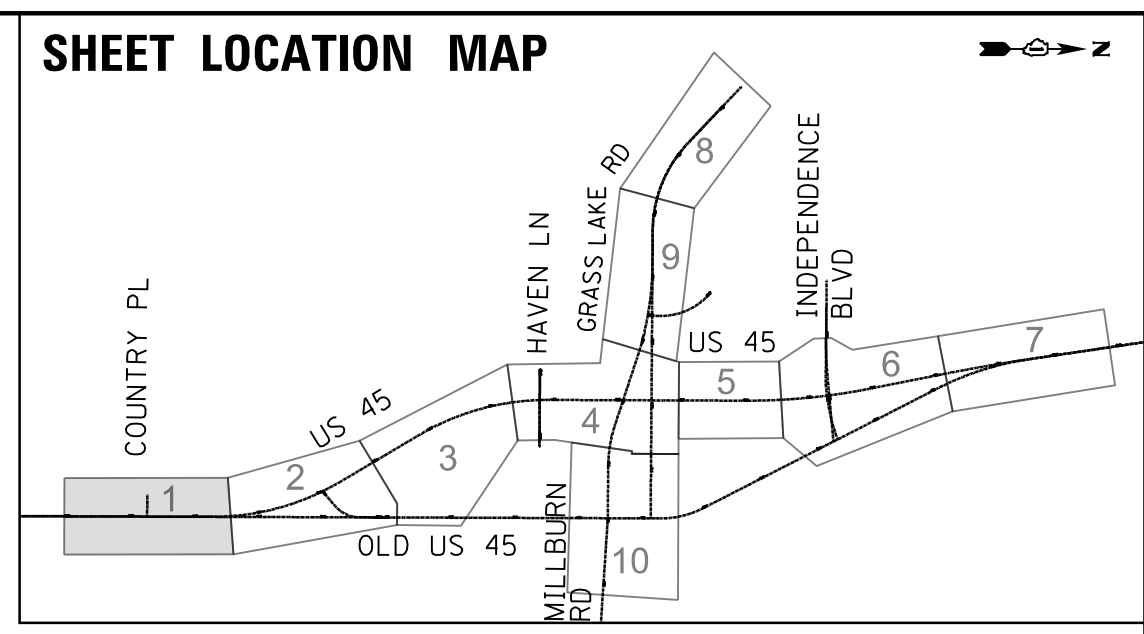
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1"=200'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 56
CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT

REMOVAL PLAN LEGEND

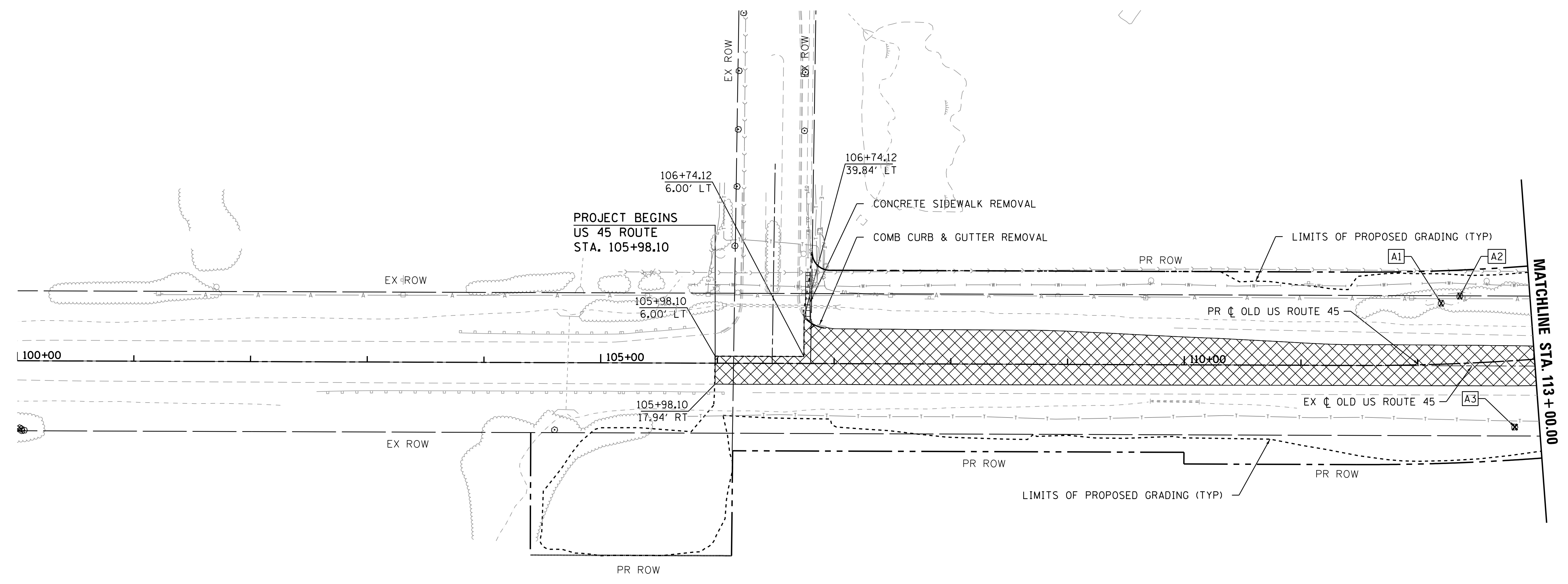
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- SIDEWALK REMOVAL
- LINEAR ITEM REMOVAL
- TREE REMOVAL
- BUILDING REMOVAL
- DRIVEWAY REMOVAL
- TREE REMOVAL, ACRES
- TREE TRUNK PROTECTION



PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	CHECKED	
	AT	
	FILE NAME	

PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK	CHECKED	
	AT	
	FILE NAME	

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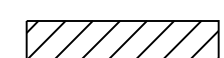
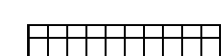
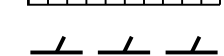

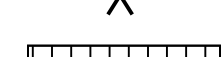
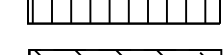
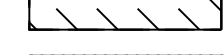
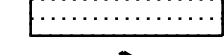
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PLOT SCALE = 50.0000' / 1" =	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

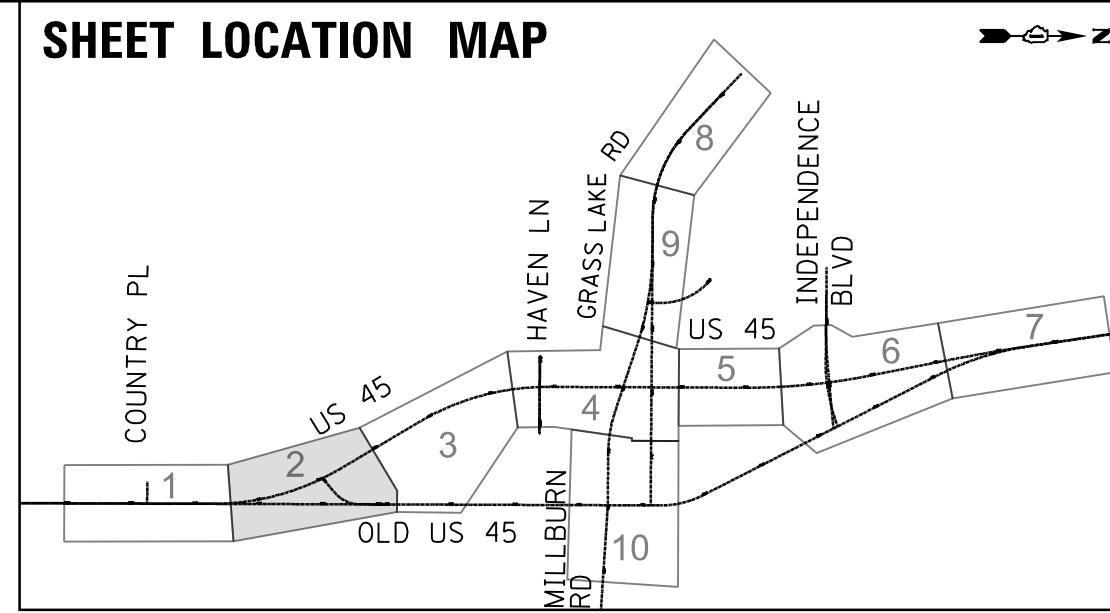
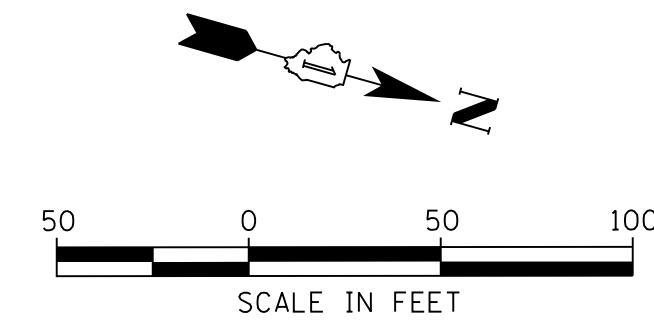
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
US ROUTE 45**
SCALE: 1"=50' SHEET 1 OF 10 SHEETS STA. 100+00 TO STA. 113+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	57
CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT

REMOVAL PLAN LEGEND

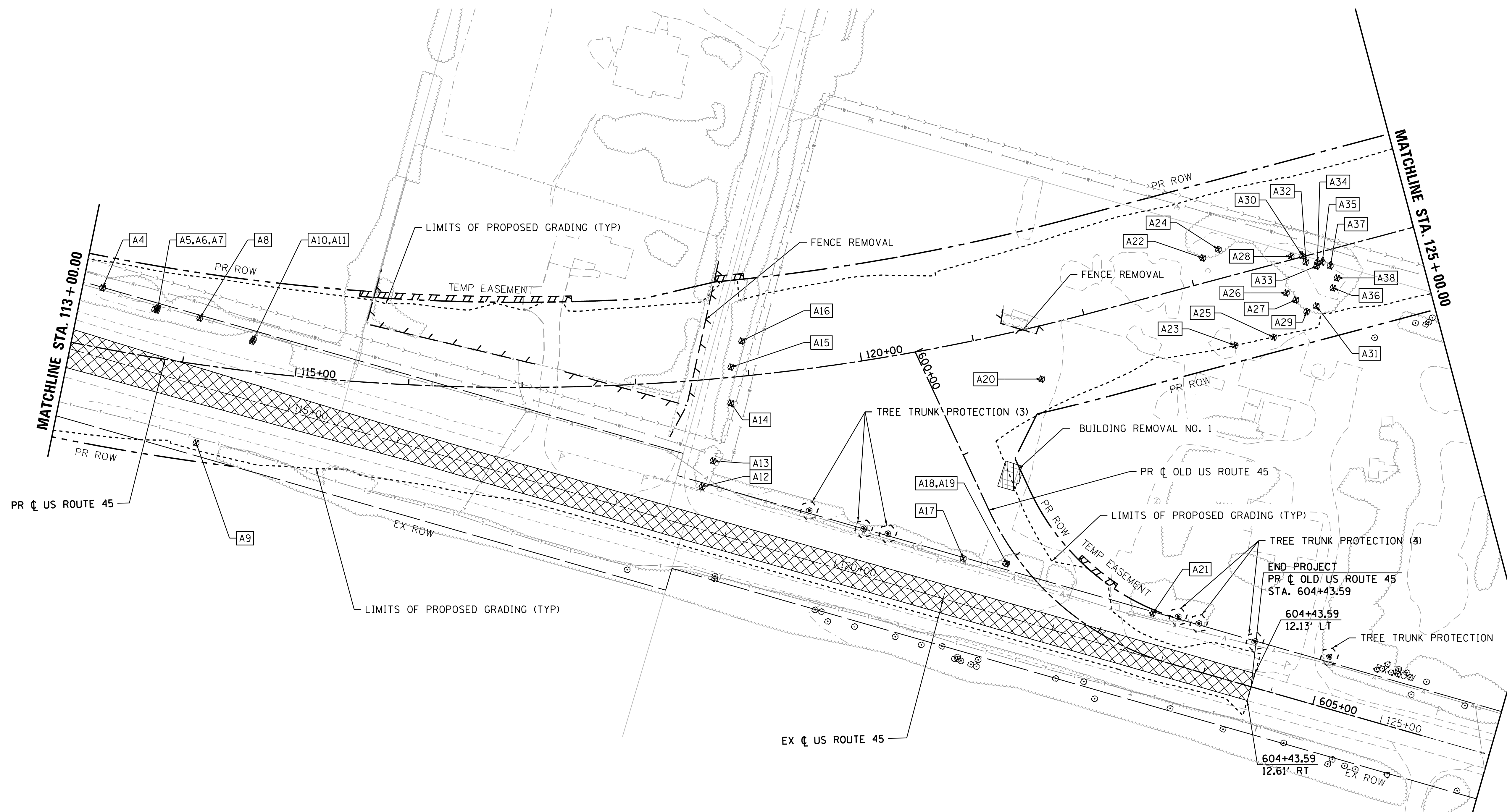
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-  PAVED SHOULDER REMOVAL
-  SIDEWALK REMOVAL
-  LINEAR ITEM REMOVAL
-  TREE REMOVAL
-  BUILDING REMOVAL
-  DRIVEWAY REMOVAL
-  TREE REMOVAL, ACRES
-  TREE TRUNK PROTECTION



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

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

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USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
US ROUTE 45**

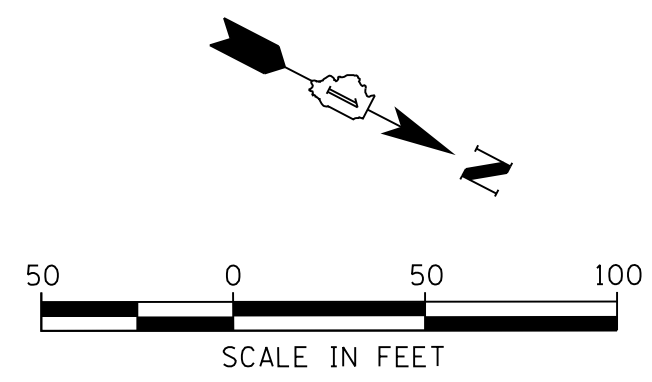
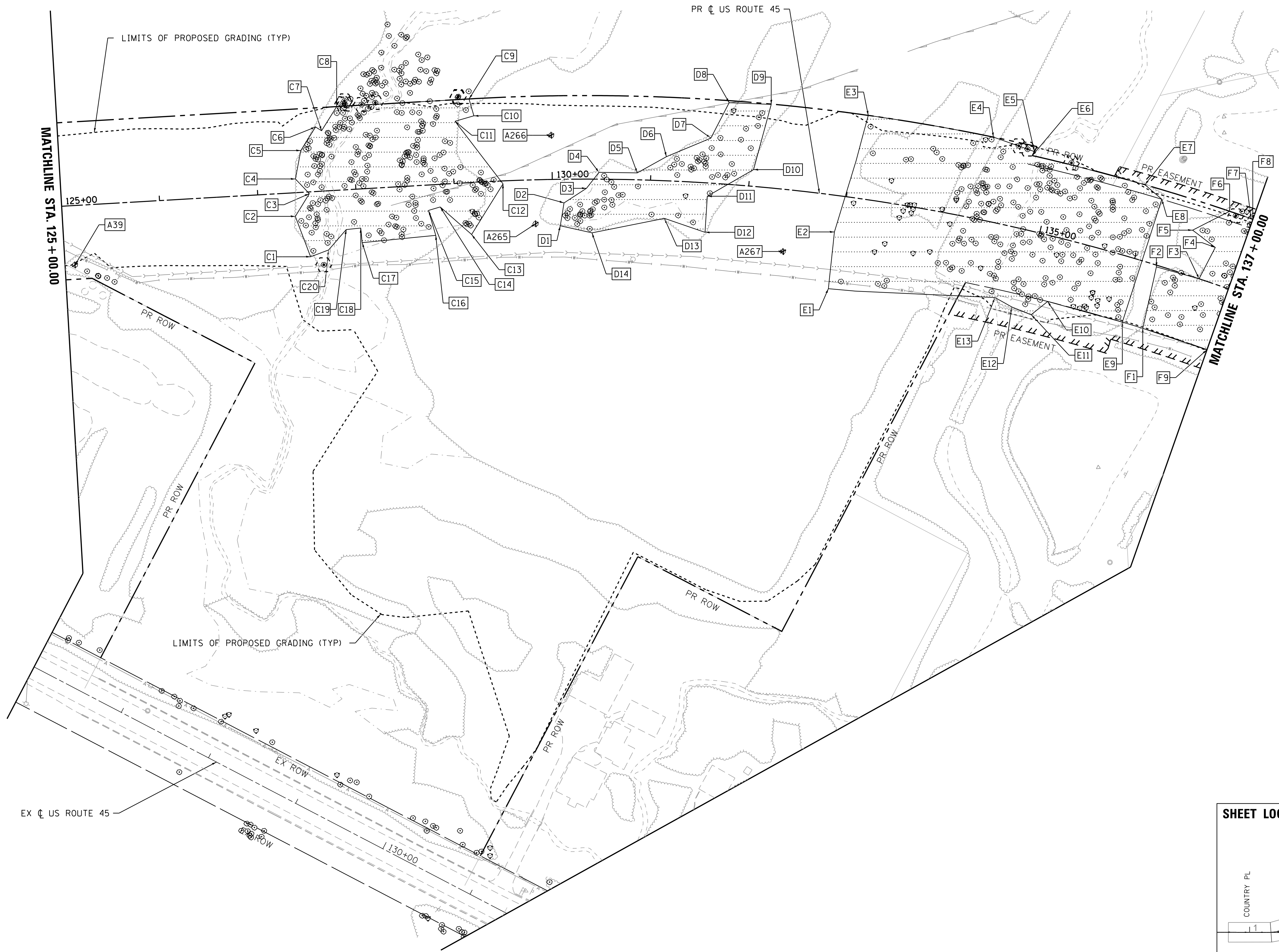
SCALE: 1"=50' SHEET 2 OF 10 SHEETS STA. 113+00 TO STA. 125+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	58
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

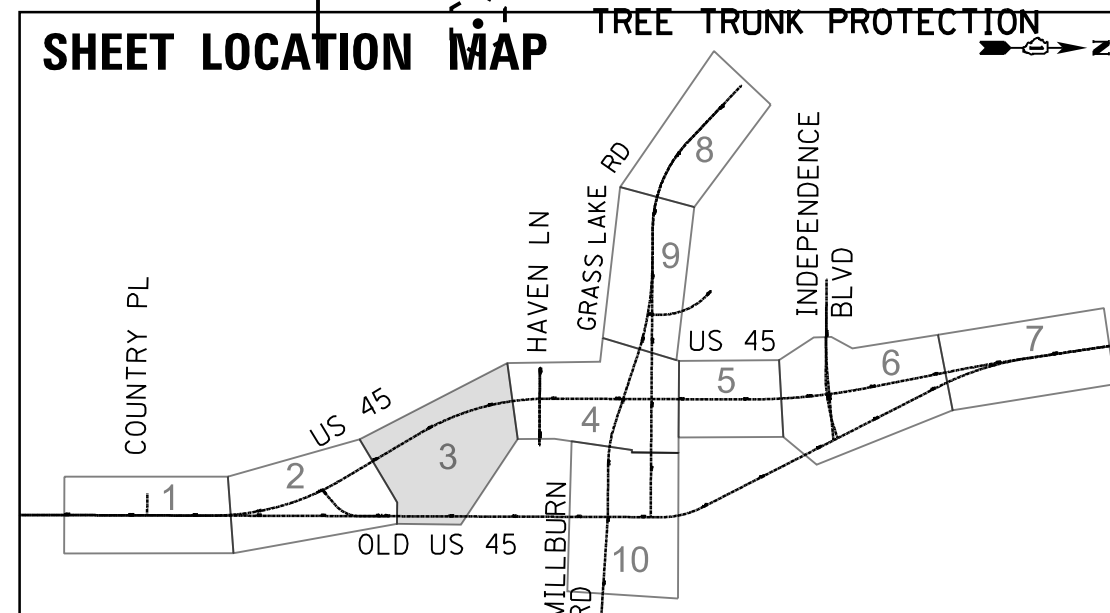
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	GRADES CHECKED	
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REMOVAL PLAN LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- SIDEWALK REMOVAL
- LINEAR ITEM REMOVAL
- TREE REMOVAL
- BUILDING REMOVAL
- DRIVEWAY REMOVAL
- TREE REMOVAL, ACRES



USER NAME = 35361	DESIGNED BN	REVISED -MO 3/7/17 LCFPD
	DRAWN BN	REVISED
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PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

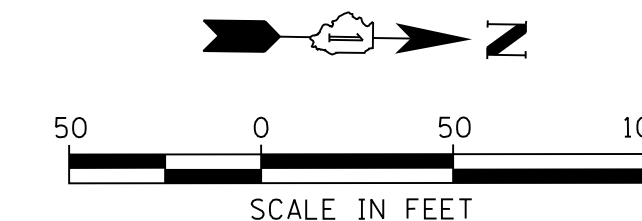
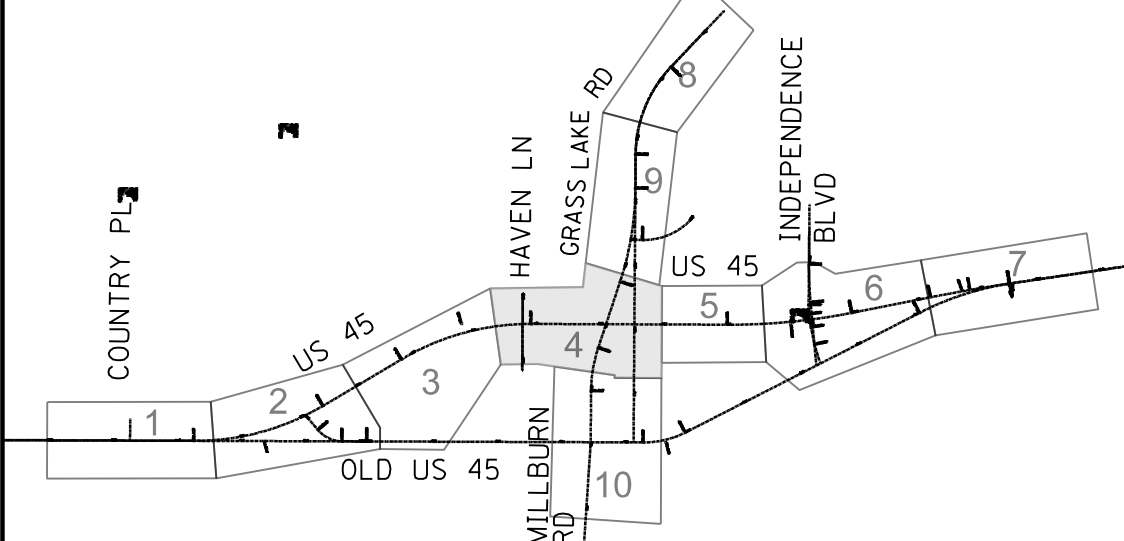
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
US ROUTE 45**

SCALE: 1"=50' SHEET 3 OF 10 SHEETS STA. 125+00 TO STA. 137+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	59
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

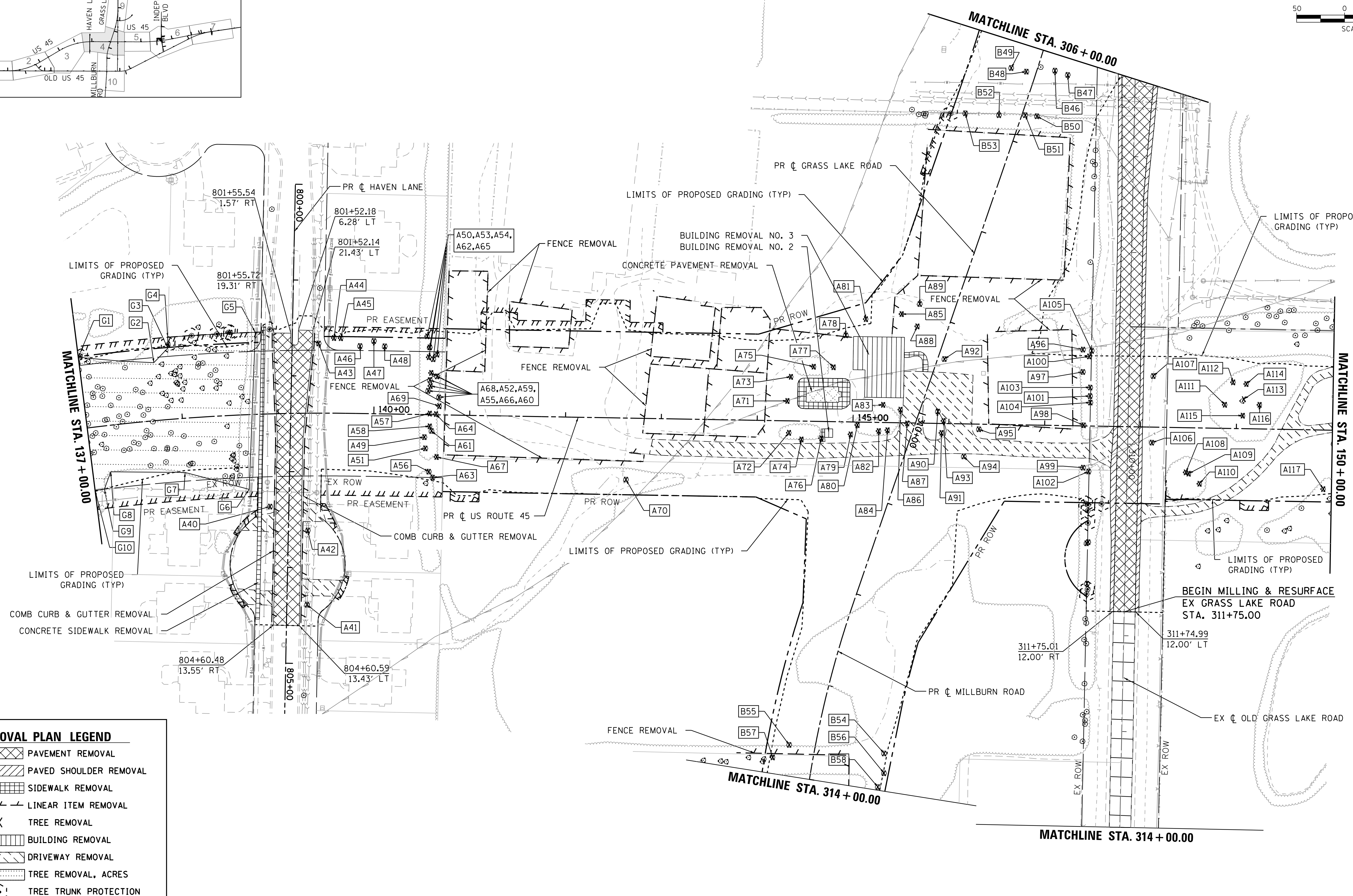
SHEET LOCATION MAP



PLAN	SURVEYED	DATE
	PLOTTED	
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	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

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REMOVAL PLAN LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	SIDEWALK REMOVAL
	LINEAR ITEM REMOVAL
	TREE REMOVAL
	BUILDING REMOVAL
	DRIVEWAY REMOVAL
	TREE REMOVAL, ACRES
	TREE TRUNK PROTECTION

USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 50.0000' / 1"	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED


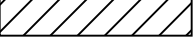
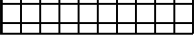
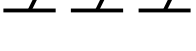

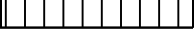
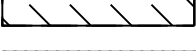
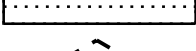

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
US ROUTE 45**

SCALE: 1"=50' SHEET 4 OF 10 SHEETS STA. 137+00 TO STA. 150+00

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 60
			CONTRACT NO. 60T75	
ILLINOIS FED. AID PROJECT				

REMOVAL PLAN LEGEND

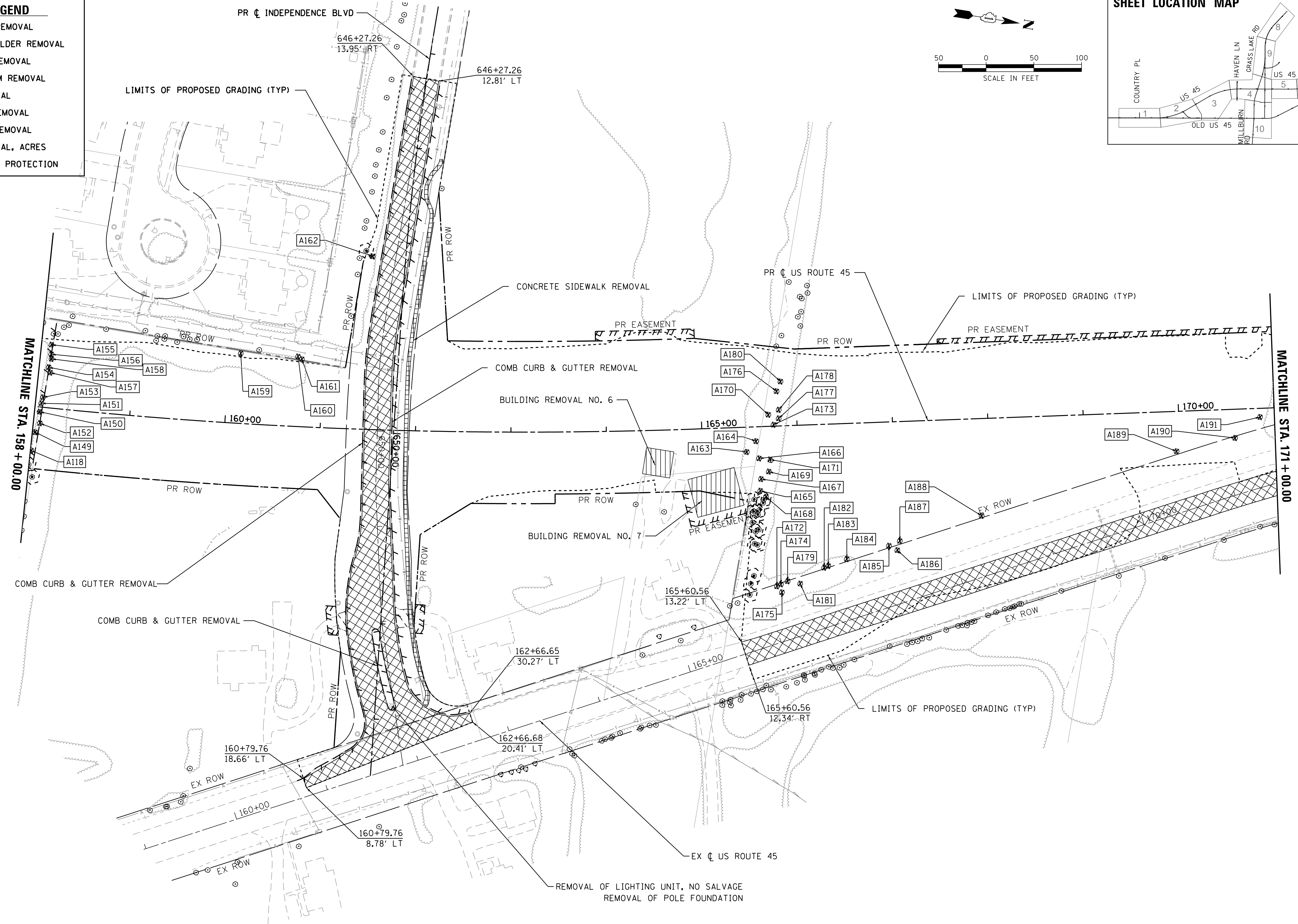
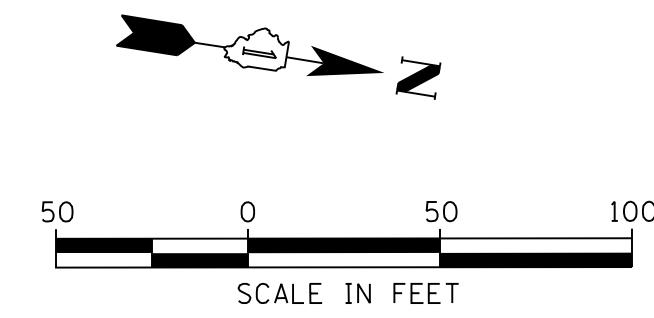
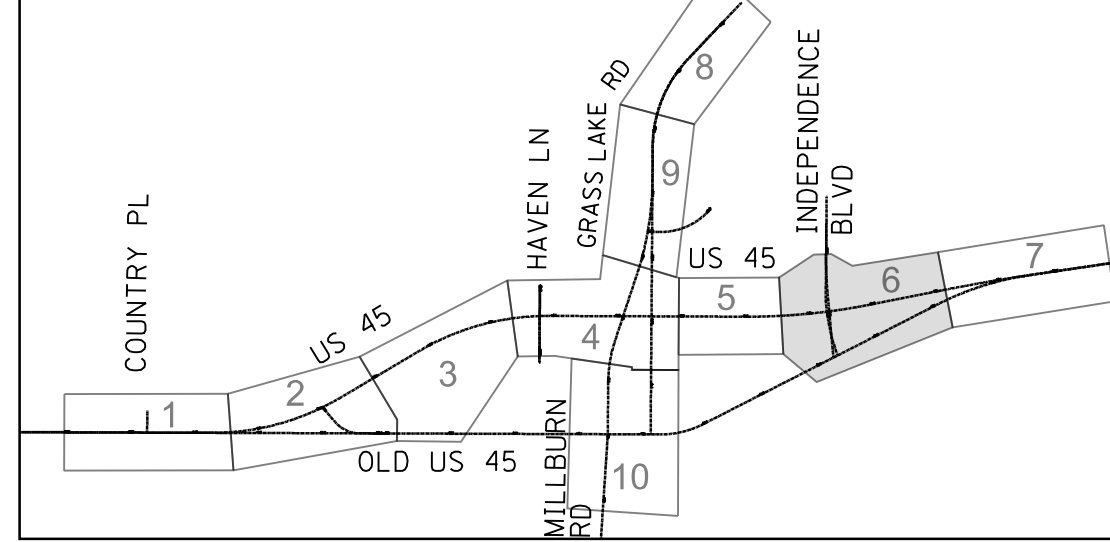
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  SIDEWALK REMOVAL
-  LINEAR ITEM REMOVAL
-  TREE REMOVAL
-  BUILDING REMOVAL
-  DRIVEWAY REMOVAL
-  TREE REMOVAL, ACRES
-  TREE TRUNK PROTECTION

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

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SHEET LOCATION MAP




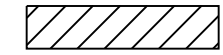

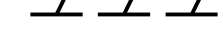

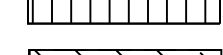
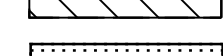
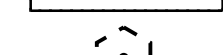
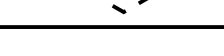
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PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

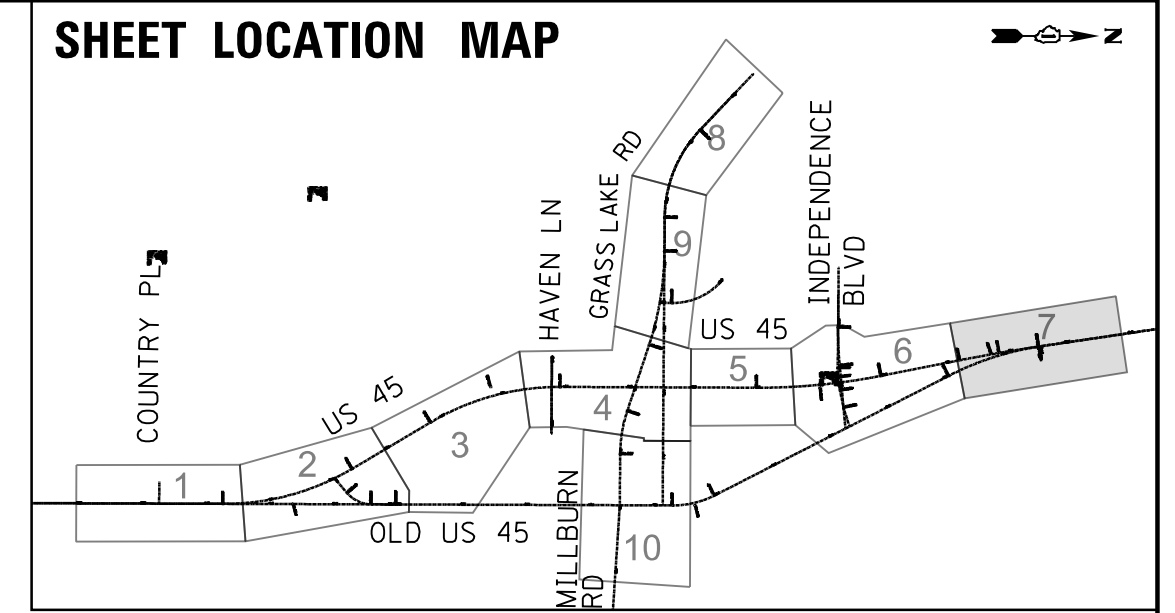
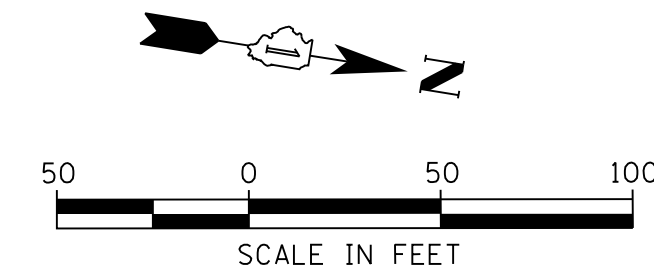
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
US ROUTE 45**
SCALE: 1"=50' SHEET 6 OF 10 SHEETS STA. 158+00 TO STA. 171+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	62
CONTRACT NO.			60T75	
ILLINOIS FED. AID PROJECT				

REMOVAL PLAN LEGEND

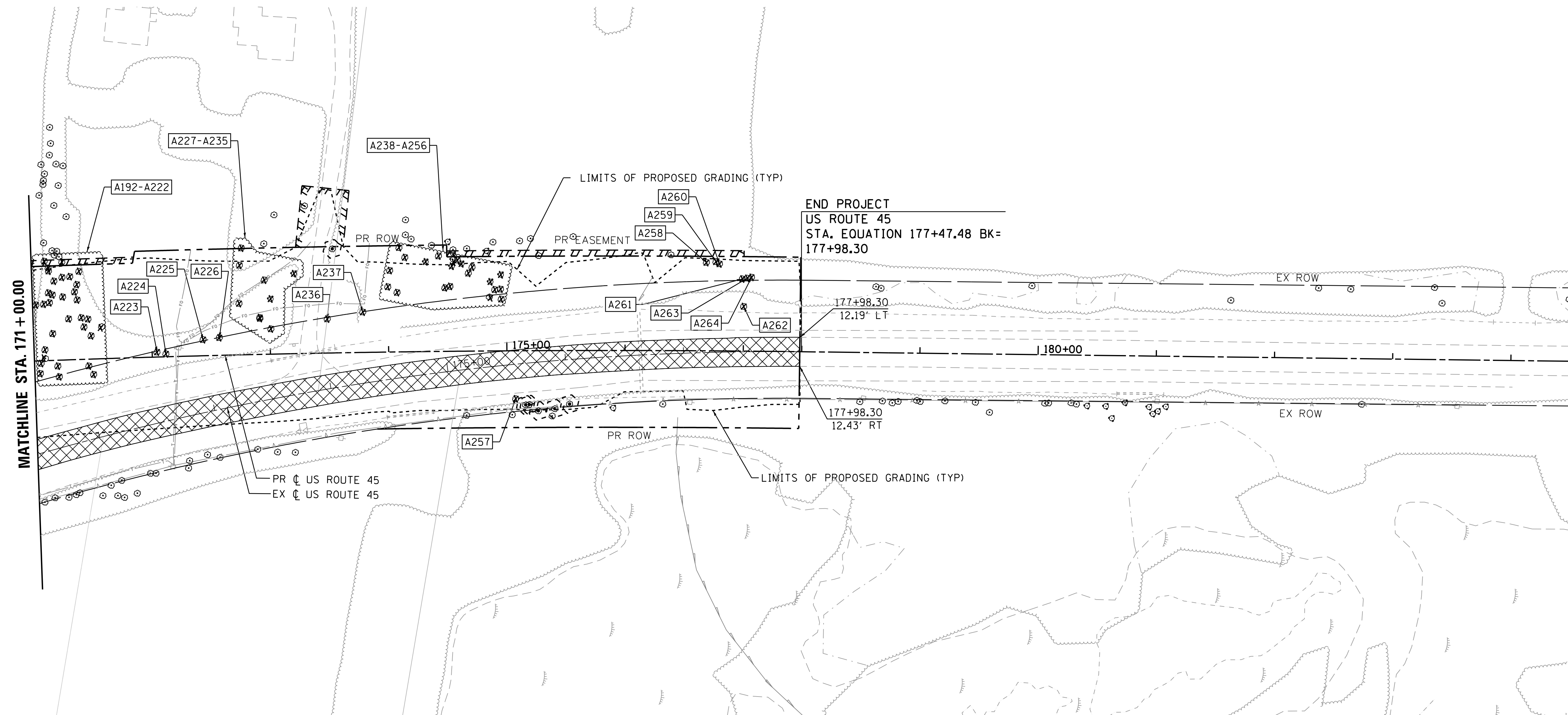
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  SIDEWALK REMOVAL
-  LINEAR ITEM REMOVAL
-  TREE REMOVAL
-  BUILDING REMOVAL
-  DRIVEWAY REMOVAL
-  TREE REMOVAL, ACRES
-  TREE TRUNK PROTECTION



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	AT	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOT AT THIS CHKO	

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USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
US ROUTE 45**

SCALE: 1"=50' SHEET 7 OF 10 SHEETS STA. 171+00 TO STA. 178+00

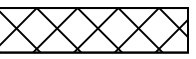
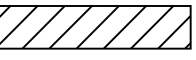
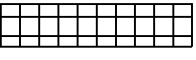


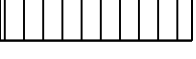
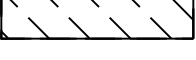
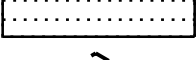

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	63
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

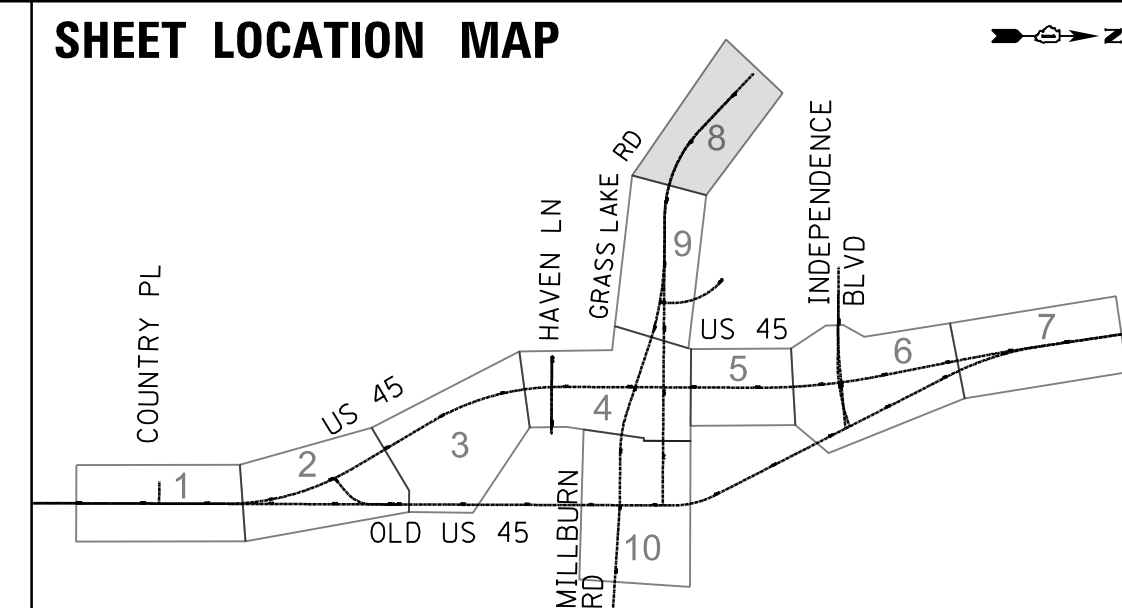
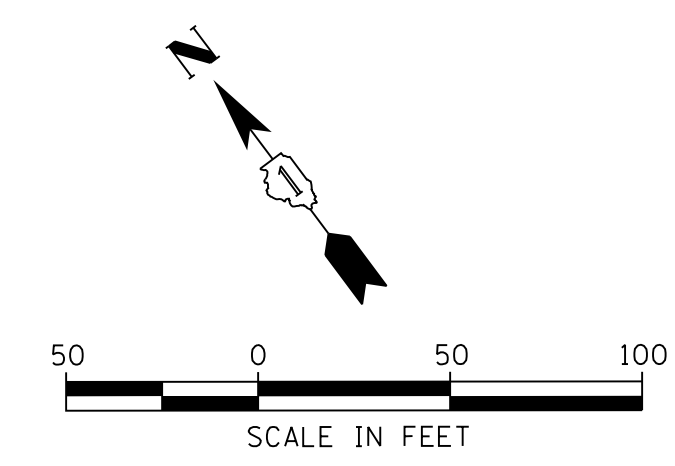
PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
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PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOT AT THIS CHKD	
	FILE NAME	

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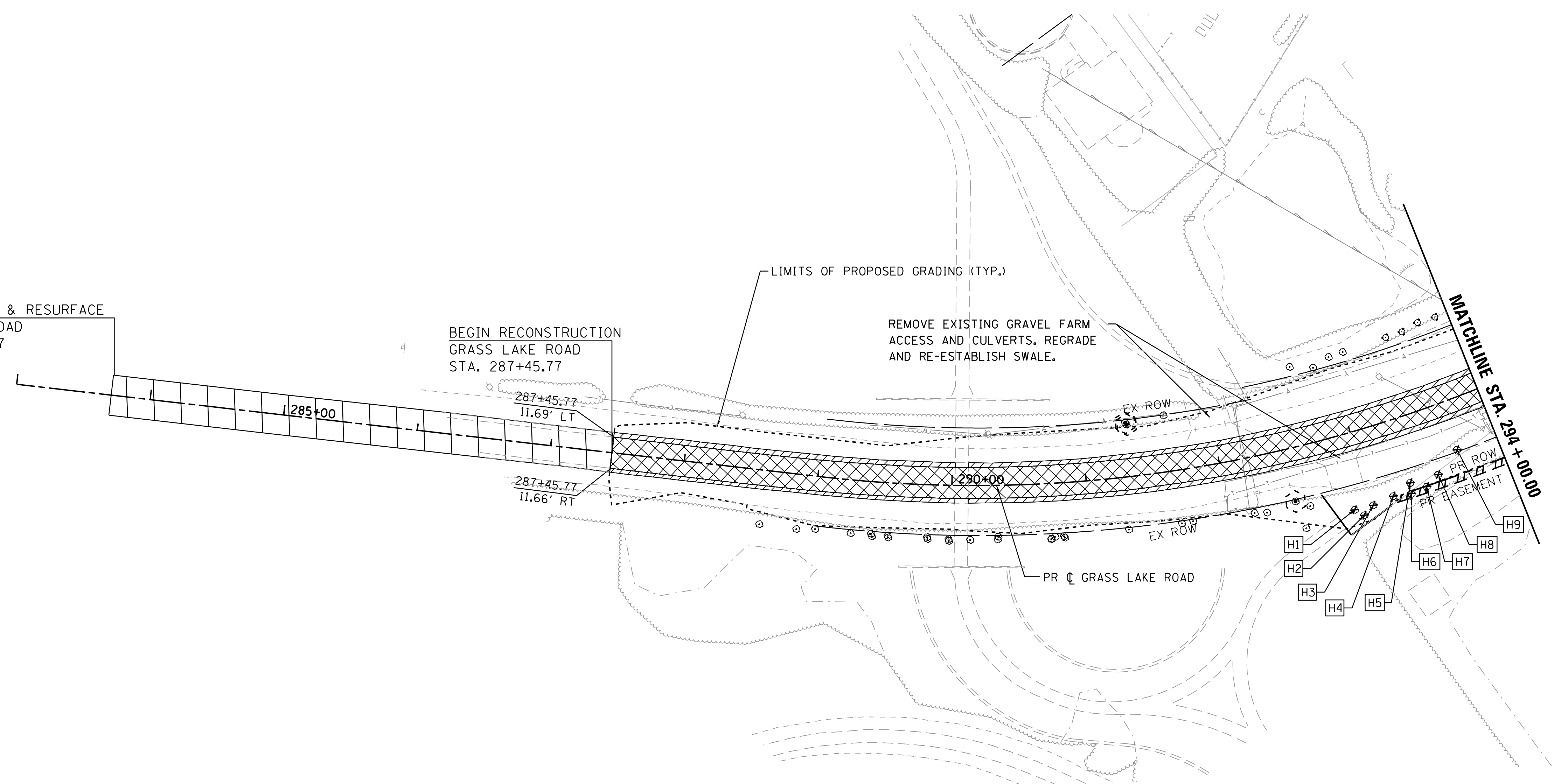
REMOVAL PLAN LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  SIDEWALK REMOVAL
-  LINEAR ITEM REMOVAL
-  TREE REMOVAL
-  BUILDING REMOVAL
-  DRIVEWAY REMOVAL
-  TREE REMOVAL, ACRES
-  TREE TRUNK PROTECTION



BEGIN MILLING & RESURFACE
GRASS LAKE ROAD
STA. 283+70.77

BEGIN RECONSTRUCTION
GRASS LAKE ROAD
STA. 287+45.77



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


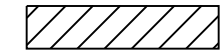
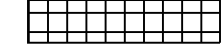
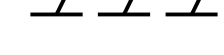

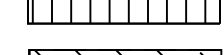
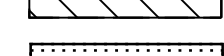
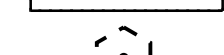
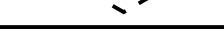
**EXISTING PLAN AND REMOVALS
GRASS LAKE ROAD**

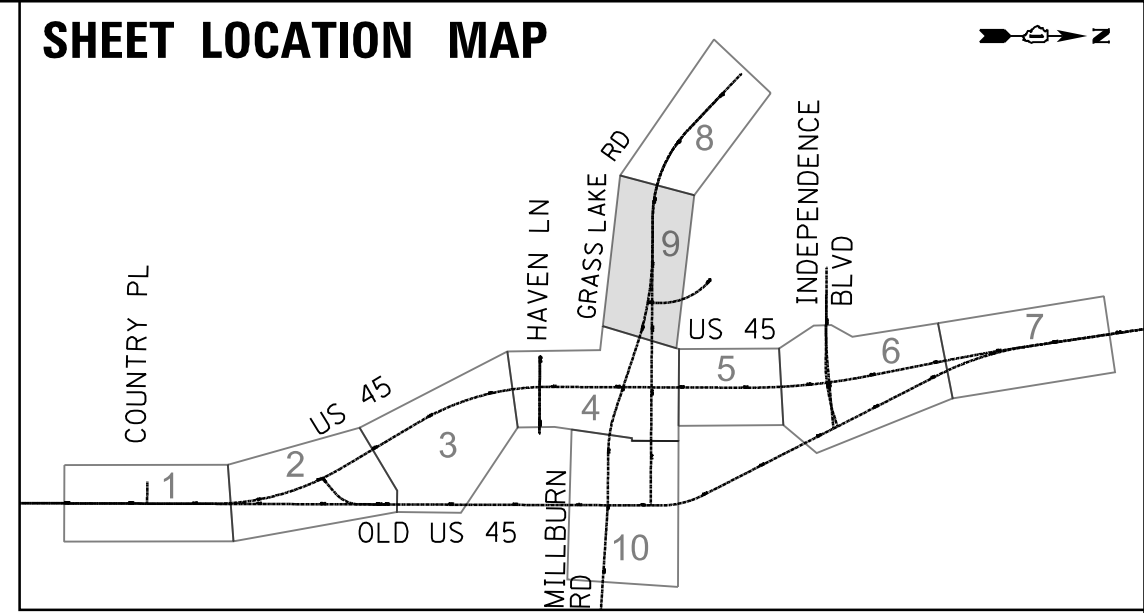
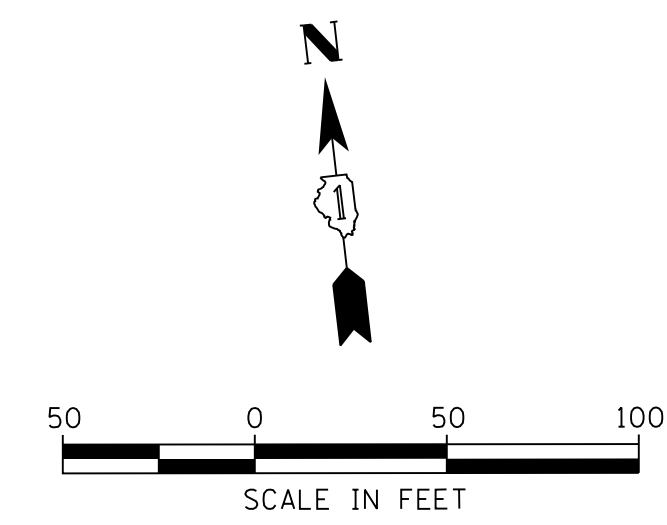
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PLOT SCALE = 50.0000' / in.	DRAWN BN	REVISED
PLOT DATE = 9/14/2017	CHECKED FZ	REVISED
	DATE 02/02/2017	REVISED

SCALE: 1"=50' SHEET 8 OF 10 SHEETS STA. 287+50 TO STA. 294+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	64
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

REMOVAL PLAN LEGEND

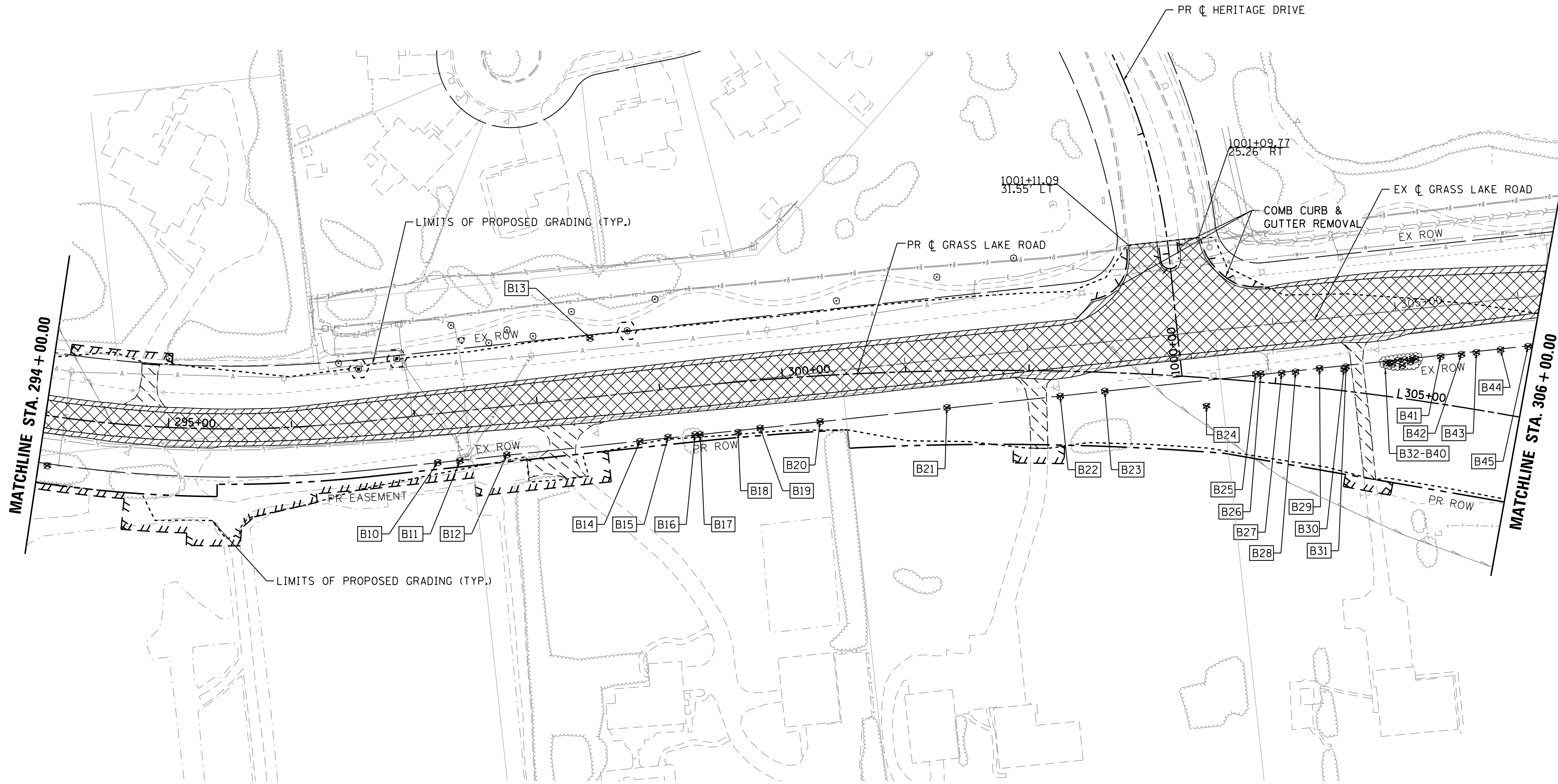
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  SIDEWALK REMOVAL
-  LINEAR ITEM REMOVAL
-  TREE REMOVAL
-  BUILDING REMOVAL
-  DRIVEWAY REMOVAL
-  TREE REMOVAL, ACRES
-  TREE TRUNK PROTECTION



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	ALIGNMENT	
	PROPOSED	
	ROAD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	

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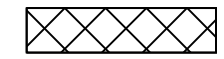
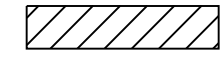
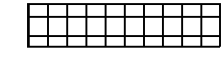
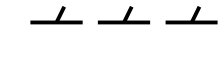

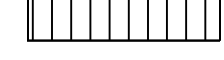
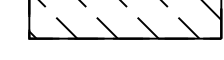
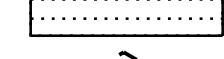

USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 50.0000' / 1"	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

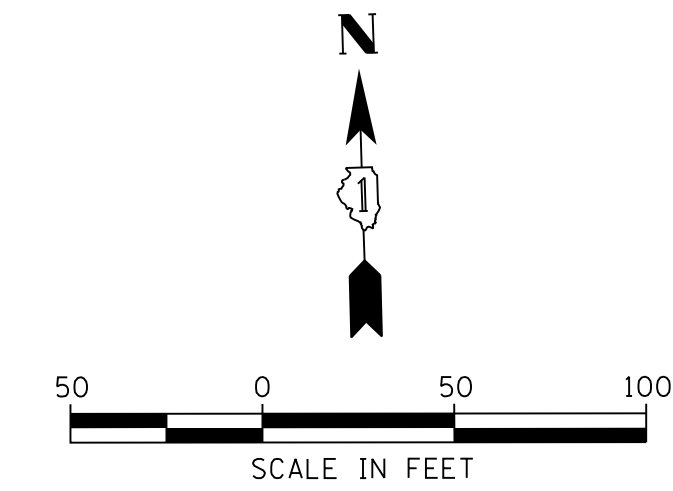
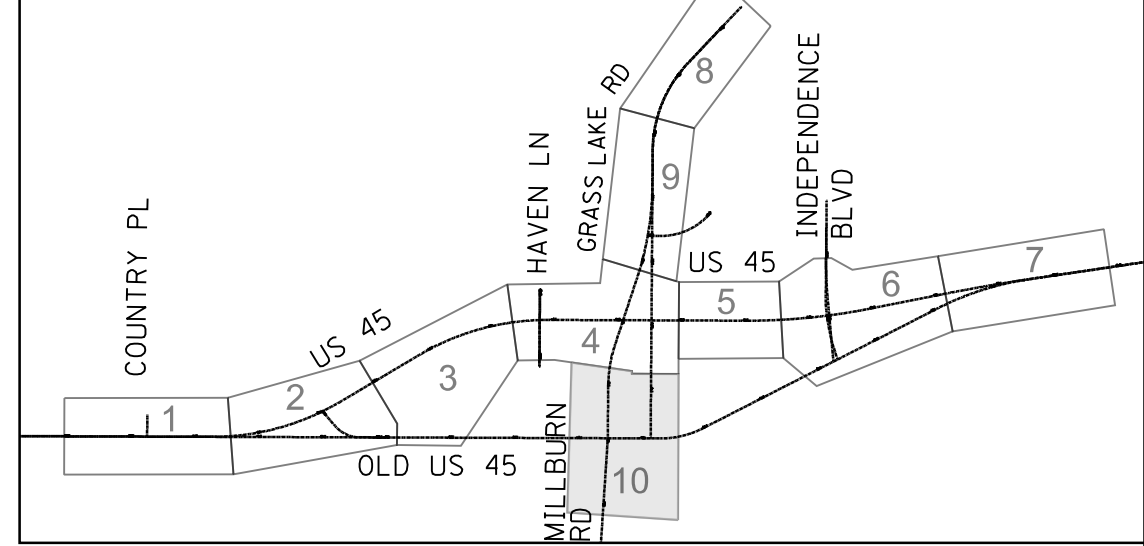
EXISTING PLAN AND REMOVALS GRASS LAKE ROAD			
SCALE: 1"=50'	SHEET 9	OF 10 SHEETS	STA. 294+00 TO STA. 304+00

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 65
CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT

REMOVAL PLAN LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  SIDEWALK REMOVAL
-  LINEAR ITEM REMOVAL
-  TREE REMOVAL
-  BUILDING REMOVAL
-  DRIVEWAY REMOVAL
-  TREE REMOVAL, ACRES
-  TREE TRUNK PROTECTION

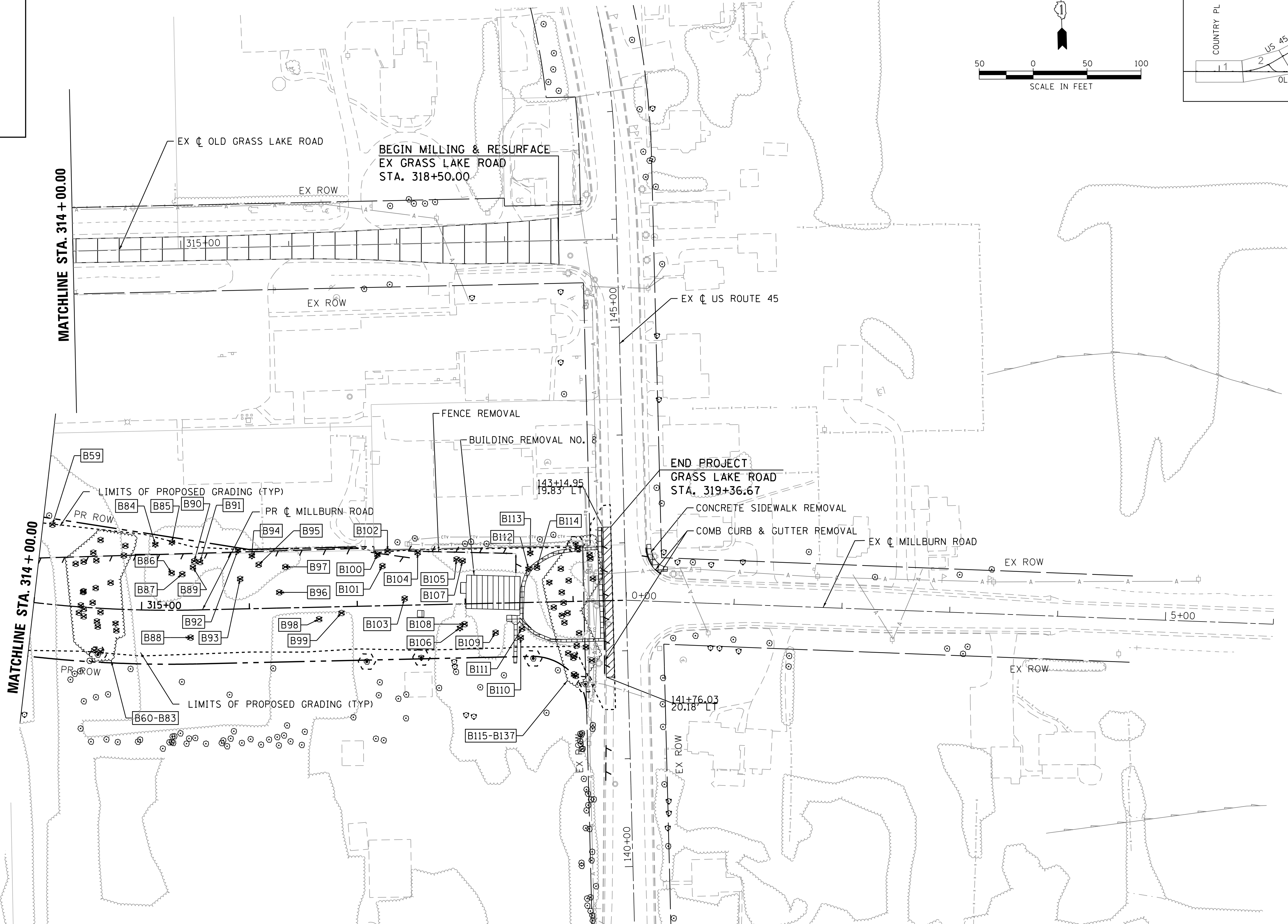
SHEET LOCATION MAP



PLAN	SURVEYED	DATE
	BY	
	PLOTTED	
	CHECKED	
	DATE	
	FILE NAME	

PROFILE	SURVEYED	DATE
	BY	
	PLOTTED	
	CHECKED	
	DATE	
	FILE NAME	

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USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 50.0000' / 1"	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
MILLBURN ROAD**

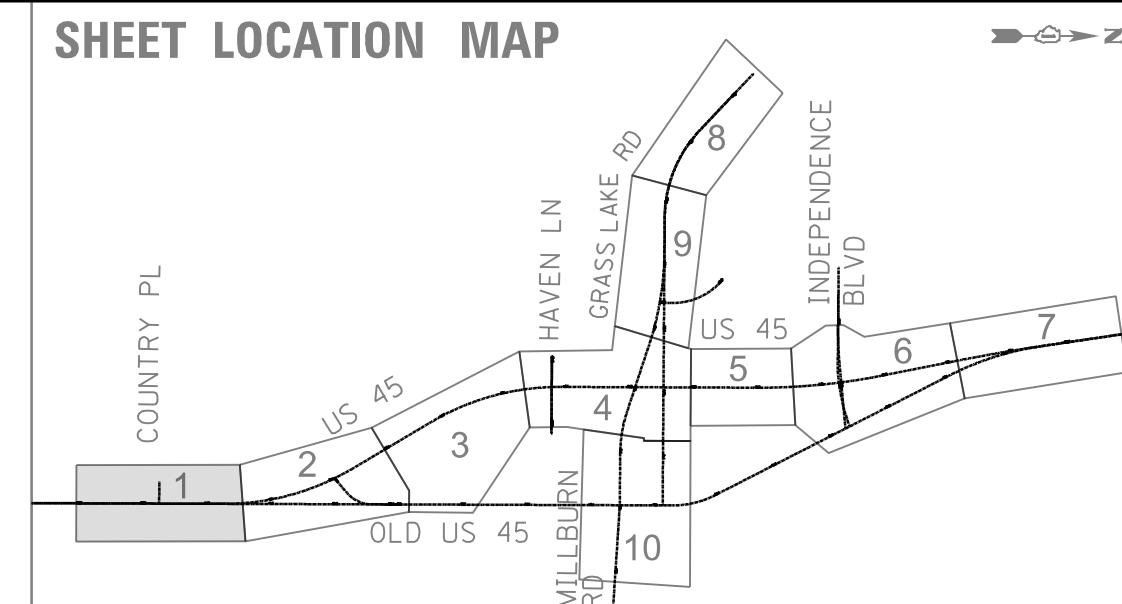
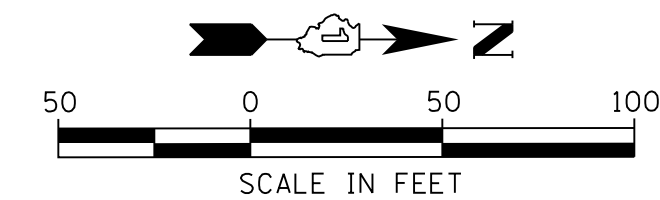
SCALE: 1"=50' SHEET 10 OF 10 SHEETS STA. 314+00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	66
CONTRACT NO. 60775				
ILLINOIS FED. AID PROJECT				

LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70, 7 1/4"
- ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4"
- ⑧ AGGREGATE SHOULDERS, TYPE B 6"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)

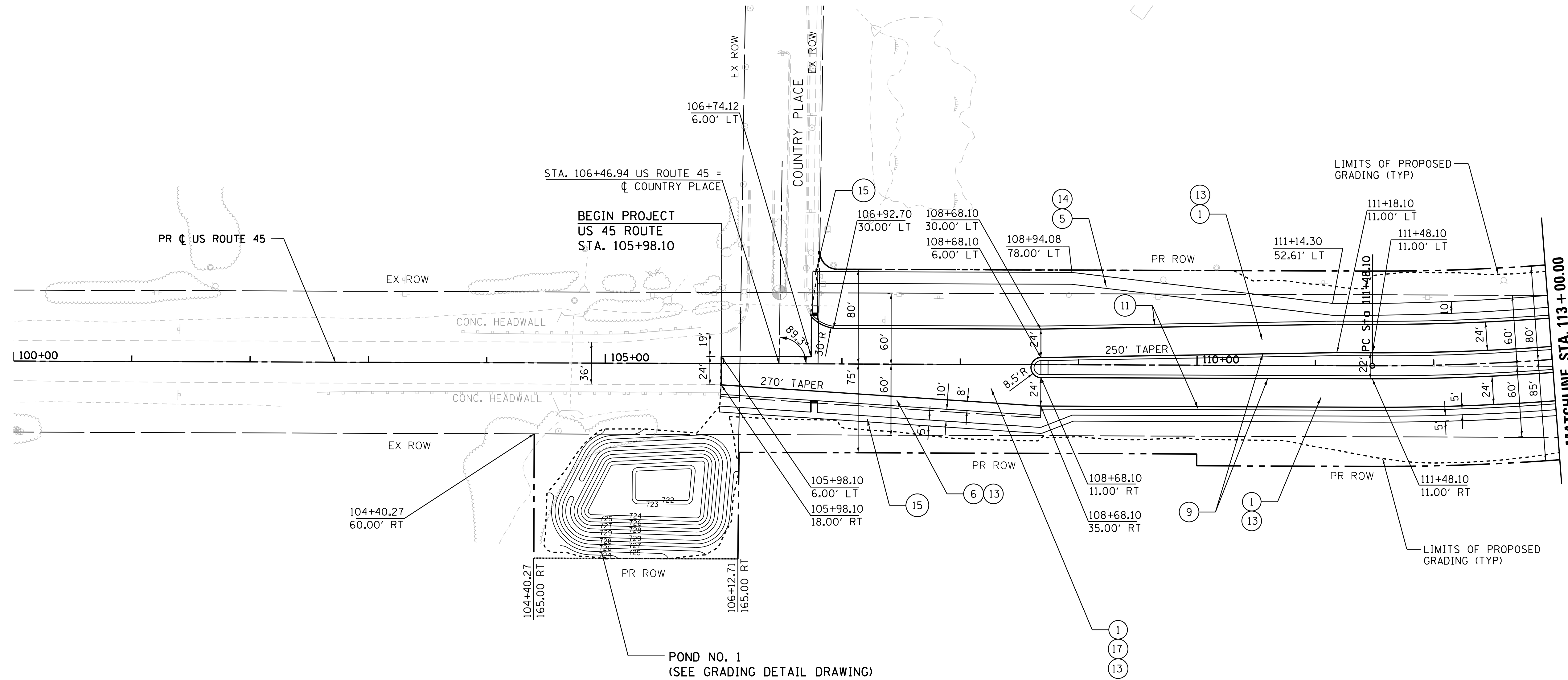
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑭ AGGREGATE BASE COURSE, TYPE B 6"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑰ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ⑲ DETECTABLE WARNINGS



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	DATE	

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

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NOTE: ALL ADA SIDEWALK RAMPS TO BE CONSTRUCTED WITH PAY ITEM - PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH.

PROP. CURVE PR45-1
PI STA. = 116+91.43
 $\Delta = 30^{\circ} 51' 42''$ (LT)
D = 2° 54' 39"
R = 1,968.40'
T = 543.33'
L = 1,060.25'
E = 73.61'
 $e = 3.4\%$
T.R. = 72'
S.E. RUN = 122'
P.C. STA. = 111+48.10
P.T. STA. = 122+08.35

USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY PLAN
US ROUTE 45

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	67
CONTRACT NO. 60T75				

SCALE: 1"=50' SHEET 1 OF 10 SHEETS STA. 100+00 TO STA. 113+00

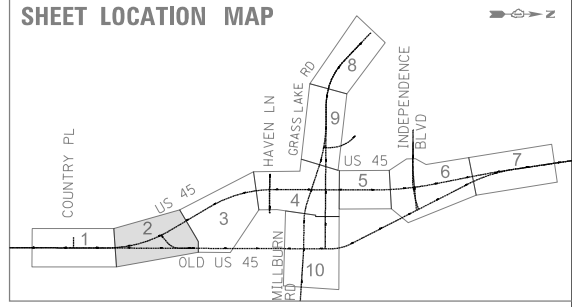
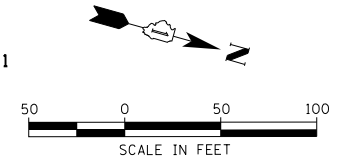
ILLINOIS FED. AID PROJECT

LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70, 7 1/4"
- ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4"
- ⑧ AGGREGATE SHOULDERS, TYPE B 6"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑭ AGGREGATE BASE COURSE, TYPE B 6"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑰ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ⑲ DETECTABLE WARNINGS
- ⑳ LONGITUDINAL JOINT SEALANT

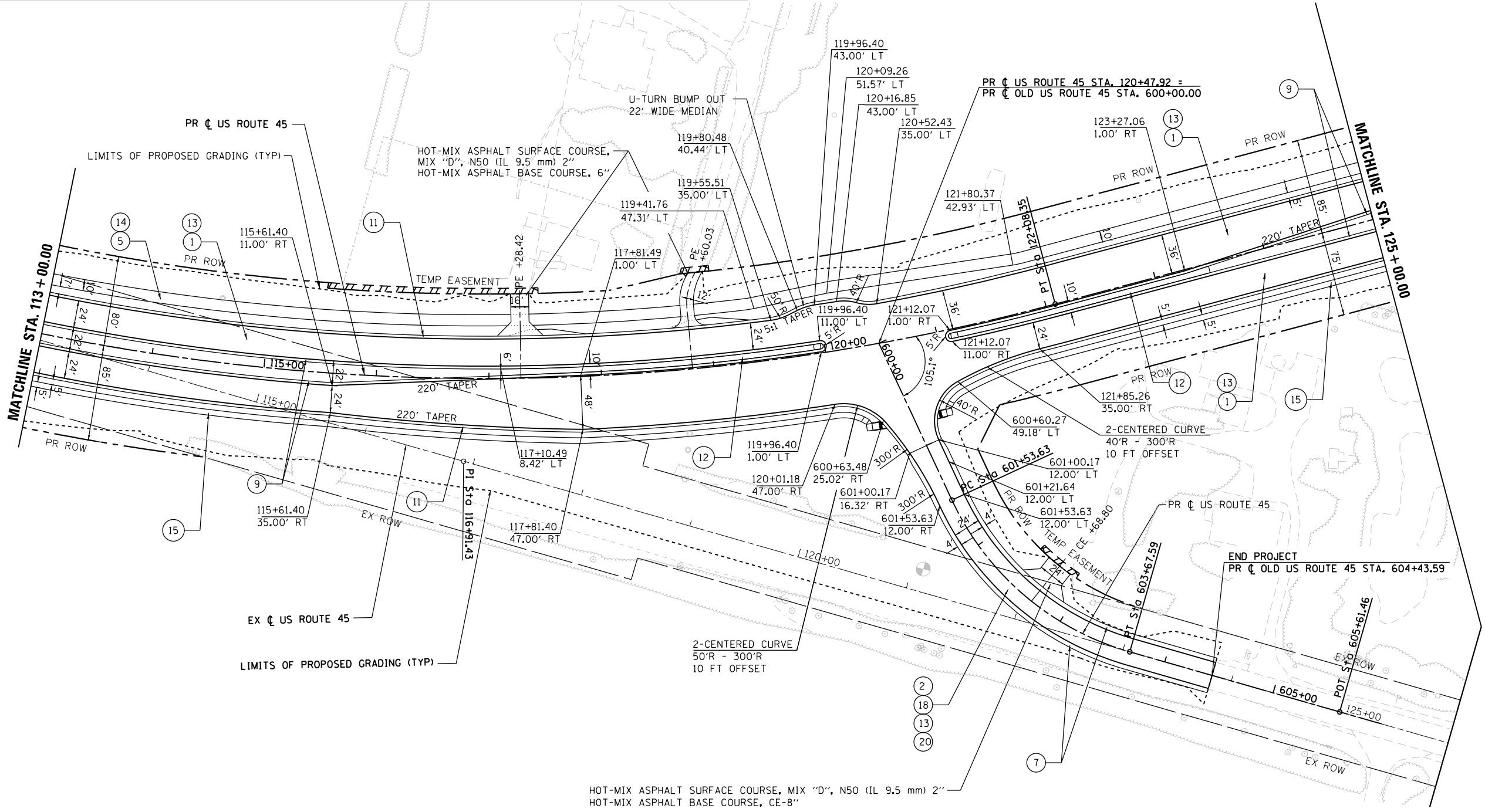
PROP. CURVE PR45-1
 PI STA. = 116+91.43
 $\Delta = 30^\circ 51' 42''$ (LT)
 $D = 2^\circ 54' 39''$
 $R = 1,968.40'$
 $T = 543.33'$
 $L = 1,060.25'$
 $E = 73.61'$
 $e = 3.4\%$
 $T.R. = 72'$
 $S.E. RUN = 122'$
 $P.C. STA. = 111+48.10$
 $P.T. STA. = 122+08.35$

PROP. CURVE PROLD45-1
 PI STA. = 602+67.66
 $\Delta = 49^\circ 02' 09''$ (LT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 114.03'$
 $L = 213.96'$
 $E = 24.78'$
 $e = 4.0\%$
 $T.R. = 37'$
 $S.E. RUN = 73'$
 $P.C. STA. = 601+53.63$
 $P.T. STA. = 603+67.59$



PLAN	SURVEYED	DATE
NOTE BOOK	CHECKED	BY
NO.	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	NOT AT THIS OFFICE

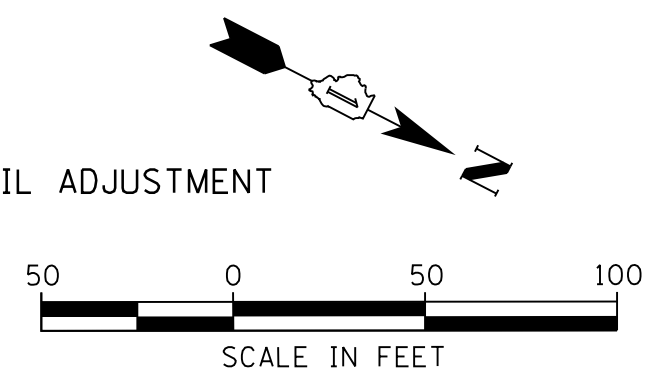
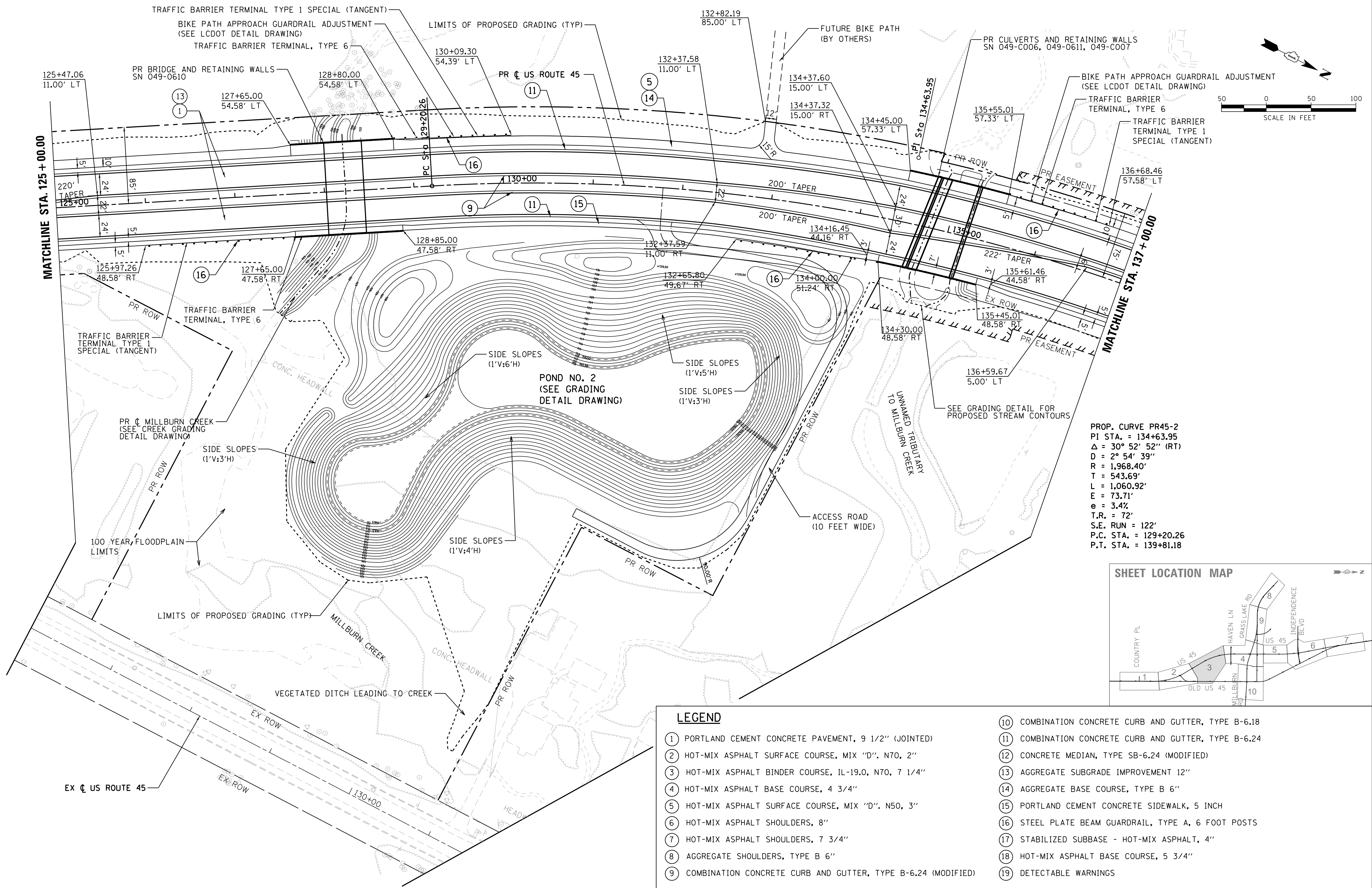


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 DESIGNED BN
 DRAWN BN
 CHECKED FZ
 DATE 02/02/2017
 REVISIONS
 REVISED -
 REVISED
 REVISED
 REVISED
 REVISED
 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLAN US ROUTE 45
 SCALE: 1"=50'
 SHEET 2 OF 10 SHEETS
 STA. 113+00 TO STA. 125+00
 F.A.P. RTE. 344 SECTION 39 R COUNTY LAKE TOTAL SHEETS 510 SHEET NO. 68
 CONTRACT NO. 60T75 ILLINOIS FED. AID PROJECT

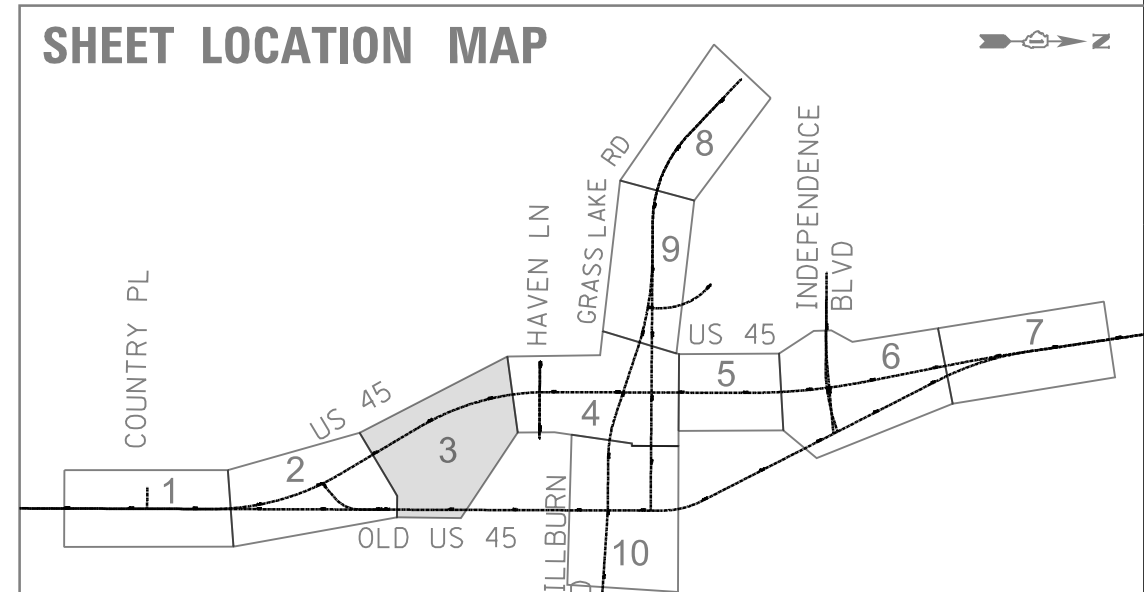
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	PLOTTED		
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PROP. CURVE PR45-2
 PI STA. = 134+63.95
 $\Delta = 30^\circ 52' 52''$ (RT)
 $D = 2^\circ 54' 39''$
 $R = 1,968.40'$
 $T = 543.69'$
 $L = 1,060.92'$
 $e = 73.71'$
 $e = 3.4\%$
 $T.R. = 72'$
 $S.E. RUN = 122'$
 $P.C. STA. = 129+20.26$
 $P.T. STA. = 139+81.18$



LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D". N70, 2"
- ③ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7 1/4"
- ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D". N50, 3"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4"
- ⑧ AGGREGATE SHOULDERS, TYPE B 6"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑭ AGGREGATE BASE COURSE, TYPE B 6"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑰ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ⑲ DETECTABLE WARNINGS

USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY PLAN
US ROUTE 45**

SCALE: 1"=50' SHEET 3 OF 10 SHEETS STA. 125+00 TO STA. 137+00

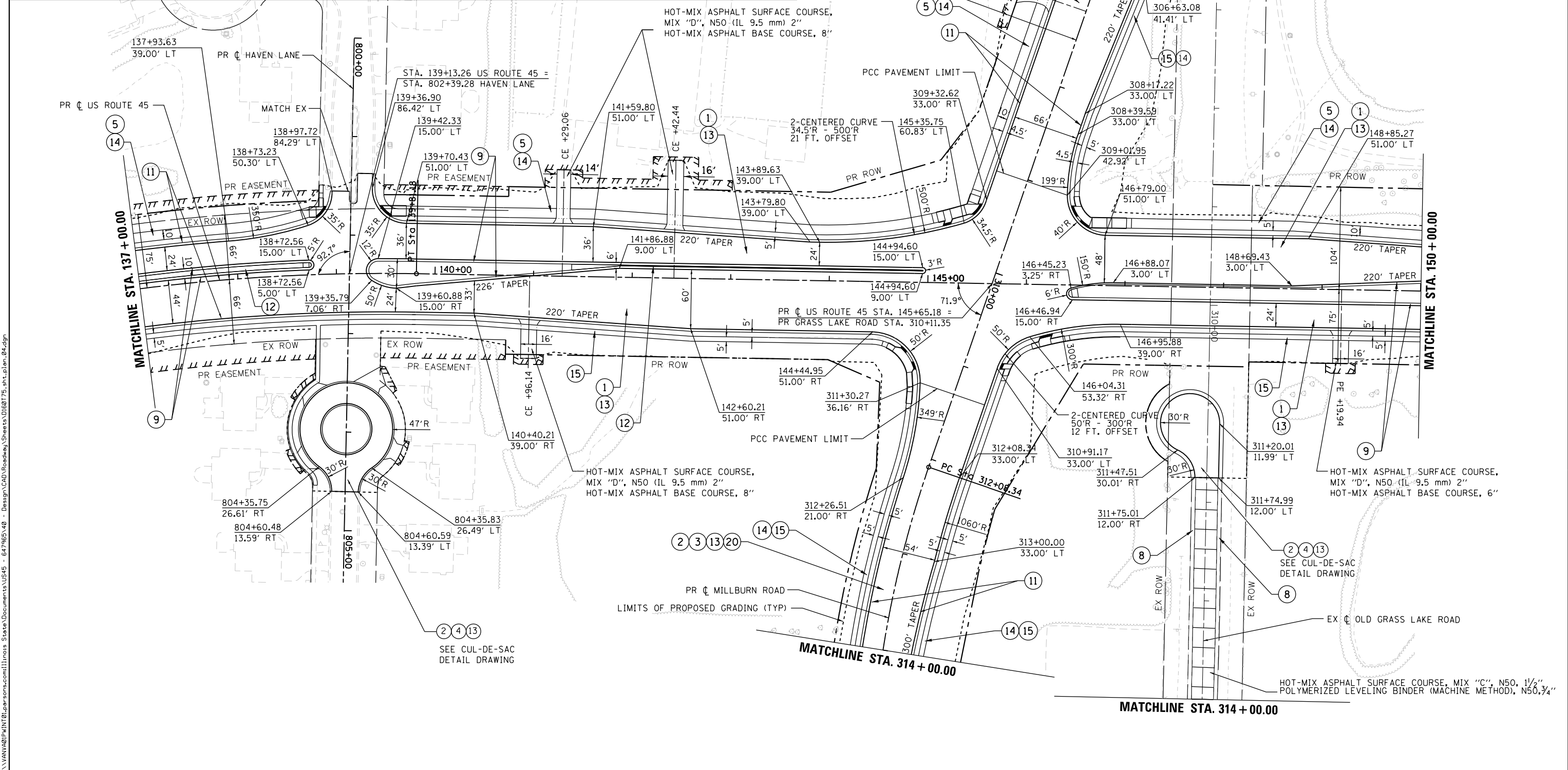
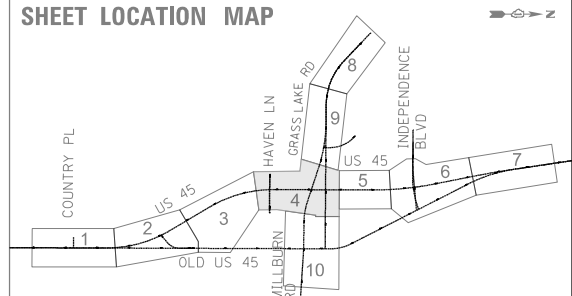
F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 69
CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT

DATE	BY

DATE	BY

LEGEND

- | | |
|--|---|
| ① PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINED) | ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 |
| ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" | ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| ③ HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70, 7 1/4" | ⑫ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED) |
| ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4" | ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12" |
| ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3" | ⑭ AGGREGATE BASE COURSE, TYPE B 6" |
| ⑥ HOT-MIX ASPHALT SHOULDERS, 8" | ⑮ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH |
| ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4" | ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS |
| ⑧ AGGREGATE SHOULDERS, TYPE B 6" | ⑰ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4" |
| ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED) | ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4" |
| | ⑲ DETECTABLE WARNINGS |
| | ⑳ LONGITUDINAL JOINT SEALANT |



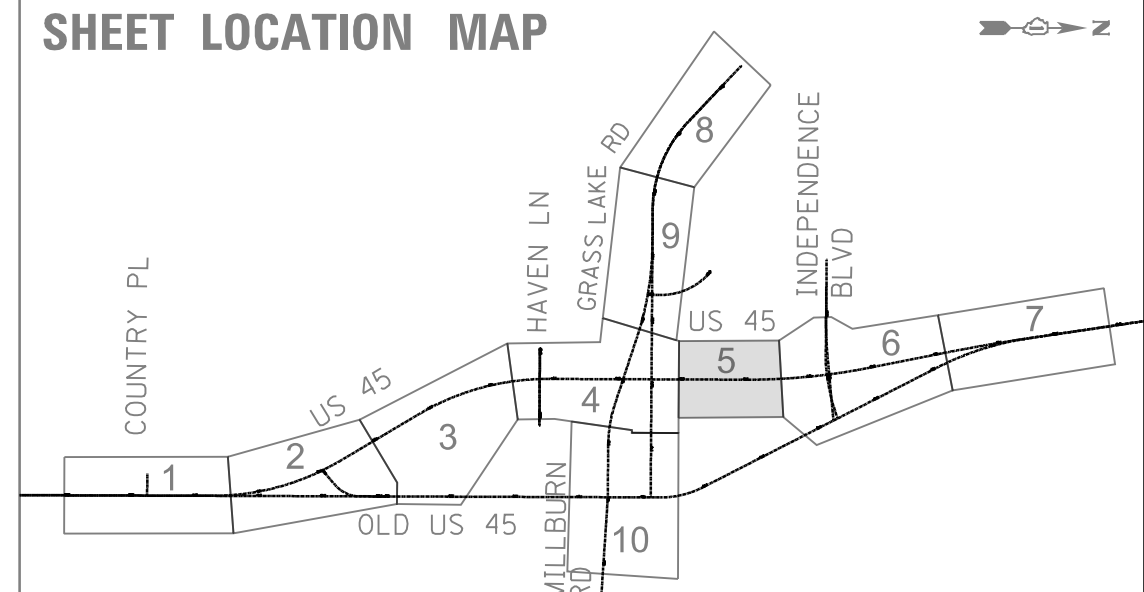
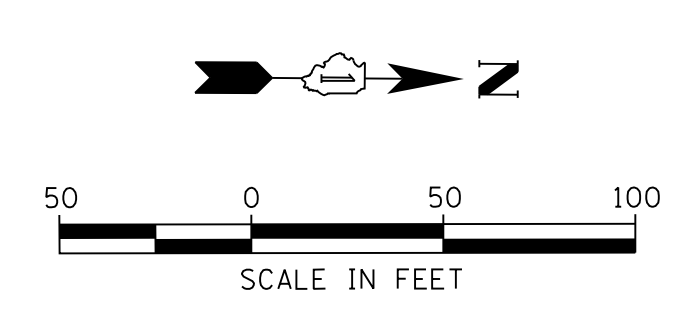
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			344	39 R

USER NAME = P0027446 PLOT SCALE = 100.0000' / in. PLOT DATE = 3/14/2018	DESIGNED BN DRAWN BN CHECKED FZ DATE 02/02/2017	REVISED - REVISED REVISED REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ROADWAY PLAN US ROUTE 45	SCALE: 1"=50' SHEET 4 OF 10 SHEETS STA. 137+00 TO STA. 150+00	CONTRACT NO. 60775 ILLINOIS FED. AID PROJECT
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LEGEND

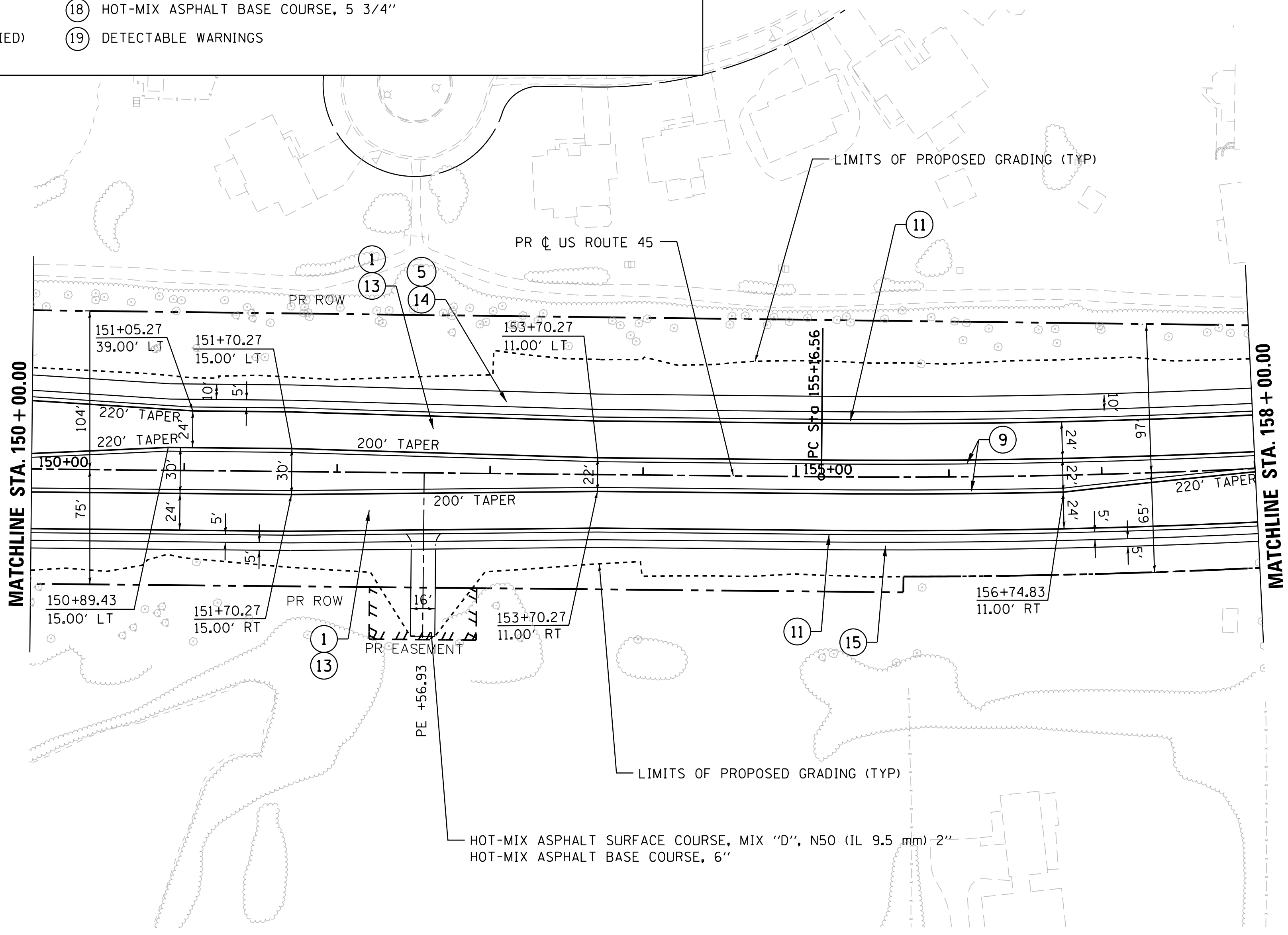
- ① PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70, 7 1/4"
- ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4"
- ⑧ AGGREGATE SHOULDERS, TYPE B 6"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑭ AGGREGATE BASE COURSE, TYPE B 6"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑰ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ⑲ DETECTABLE WARNINGS



PLAN	SURVEYED	DATE
NO.	BY	
	CHECKED	
	BY	

PROFILE	SURVEYED	DATE
NO.	BY	
	CHECKED	
	BY	

FILE NAME = p:\t\l\pl\2017\02\person\com\illinois State Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\0160775.shx\plan_05.dgn



HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (1L 9.5 mm) 2"
HOT-MIX ASPHALT BASE COURSE, 6"

USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

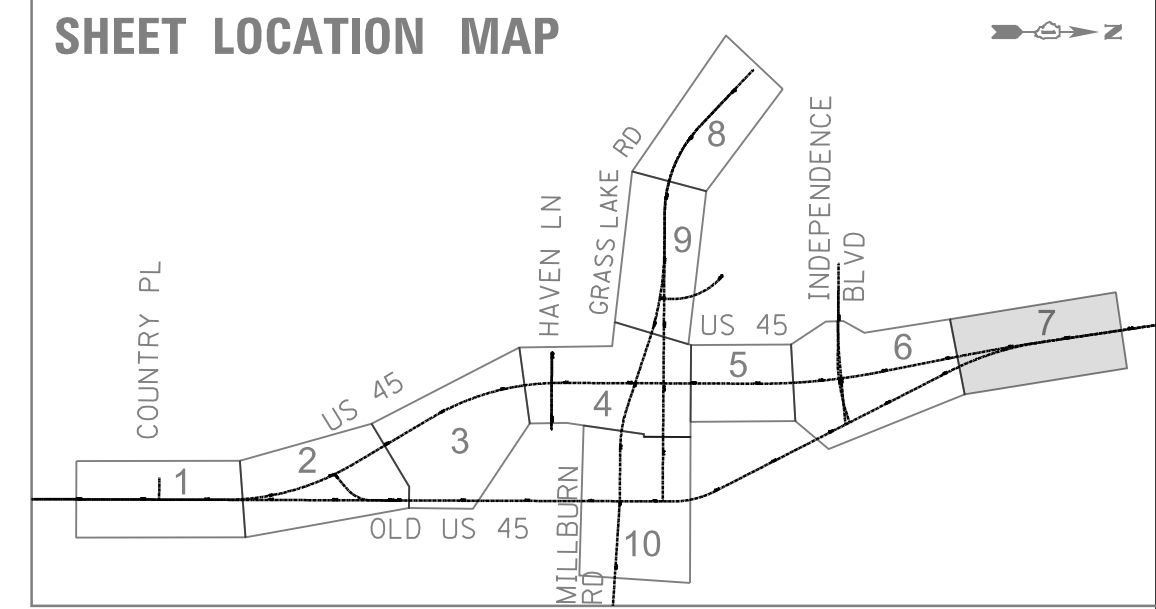
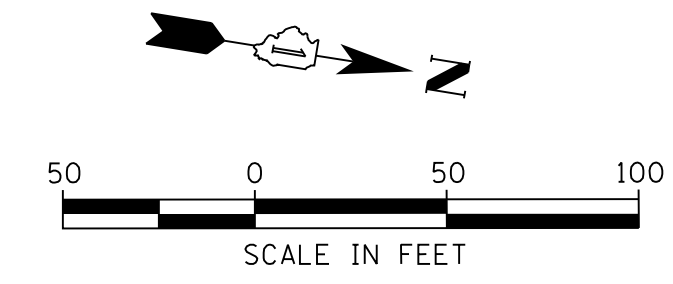
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY PLAN
US ROUTE 45**
SCALE: 1"=50' SHEET 5 OF 10 SHEETS STA. 150+00 TO STA. 158+00

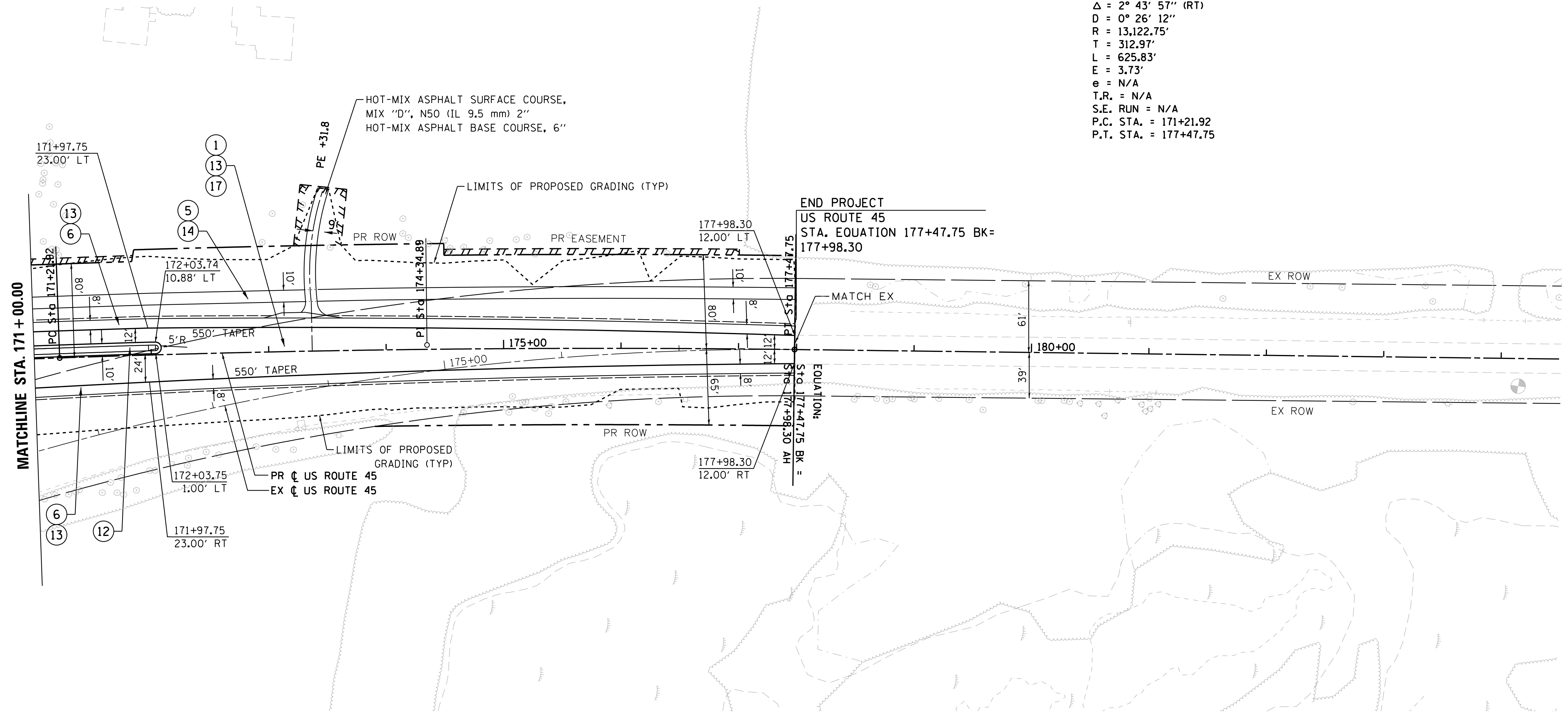
F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 71
			CONTRACT NO. 60T75	
ILLINOIS FED. AID PROJECT				

LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70, 7 1/4"
- ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4"
- ⑧ AGGREGATE SHOULDERS, TYPE B 6"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑭ AGGREGATE BASE COURSE, TYPE B 6"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑰ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ⑲ DETECTABLE WARNINGS



PROP. CURVE PR45-4
 PI STA. = 174+34.89
 $\Delta = 2^\circ 43' 57''$ (RT)
 $D = 0^\circ 26' 12''$
 $R = 13,122.75'$
 $T = 312.97'$
 $L = 625.83'$
 $E = 3.73'$
 $e = N/A$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 171+21.92$
 $P.T. STA. = 177+47.75$



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS CROSS	
	NOT AT THIS CROSS	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS CROSS	
	NOT AT THIS CROSS	

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PLOT SCALE = 50.0000' / in.	DRAWN BN	REVISED
PLOT DATE = 9/14/2017	CHECKED FZ	REVISED
	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

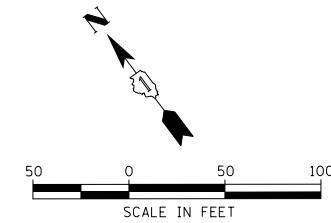
PROPOSED ROADWAY PLAN
 US ROUTE 45

SCALE: 1"=50' SHEET 7 OF 10 SHEETS STA. 171+00 TO STA. 178+00

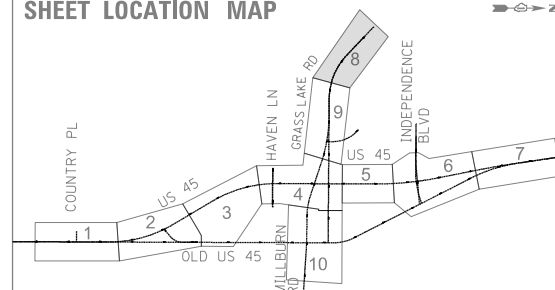
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	73
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7 1/4"
- ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4"
- ⑧ AGGREGATE SHOULDERS, TYPE B 6"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑭ AGGREGATE BASE COURSE, TYPE B 6"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑰ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ⑲ DETECTABLE WARNINGS
- ⑳ LONGITUDINAL JOINT SEALANT



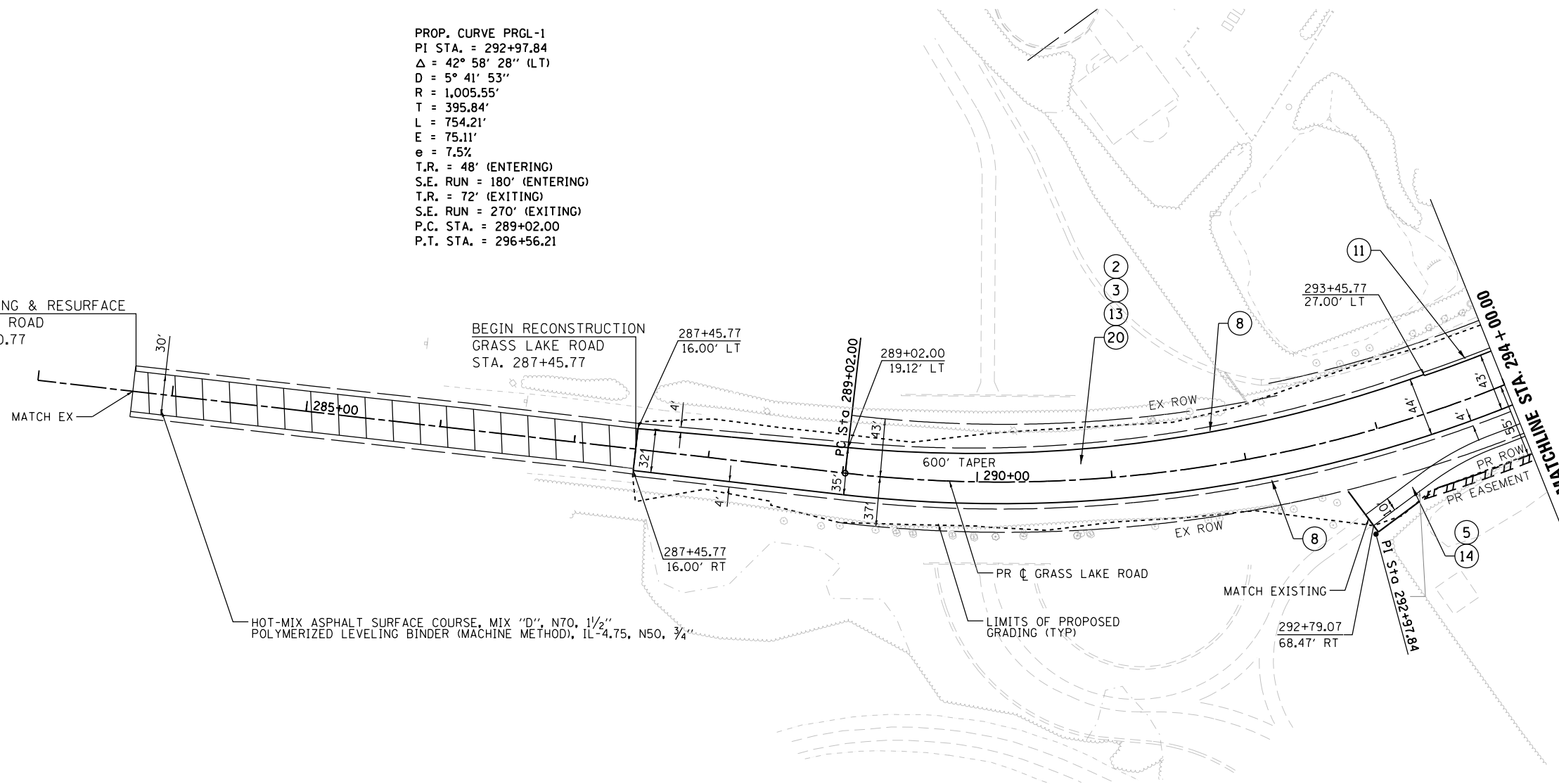
SHEET LOCATION MAP



PROP. CURVE P RGL-1
 PI STA. = 292+97.84
 $\Delta = 42^\circ 58' 28''$ (LT)
 $D = 5^\circ 41' 53''$
 $R = 1,005.55'$
 $T = 395.84'$
 $L = 754.21'$
 $E = 75.11'$
 $e = 7.5\%$
 $T.R. = 48'$ (ENTERING)
 $S.E. RUN = 180'$ (ENTERING)
 $T.R. = 72'$ (EXITING)
 $S.E. RUN = 270'$ (EXITING)
 $P.C. STA. = 289+02.00$
 $P.T. STA. = 296+56.21$

BEGIN MILLING & RESURFACE
GRASS LAKE ROAD
STA. 283+70.77

BEGIN RECONSTRUCTION
GRASS LAKE ROAD
STA. 287+45.77



HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

PLAN	SURVEYED	DATE
NO.	BY	
NO.	BY	

PROFILE	SURVEYED	DATE
NO.	BY	
NO.	BY	

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USER NAME = P0027446	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 100.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 3/14/2018	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY PLAN
GRASS LAKE ROAD

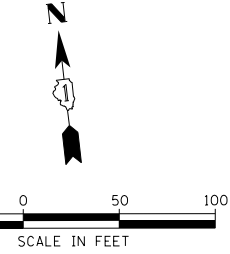
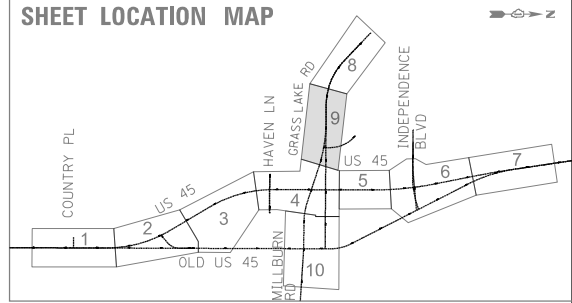
SCALE: 1"=50' SHEET 8 OF 10 SHEETS STA. 287+50 TO STA. 294+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	74
CONTRACT NO. 60T75				

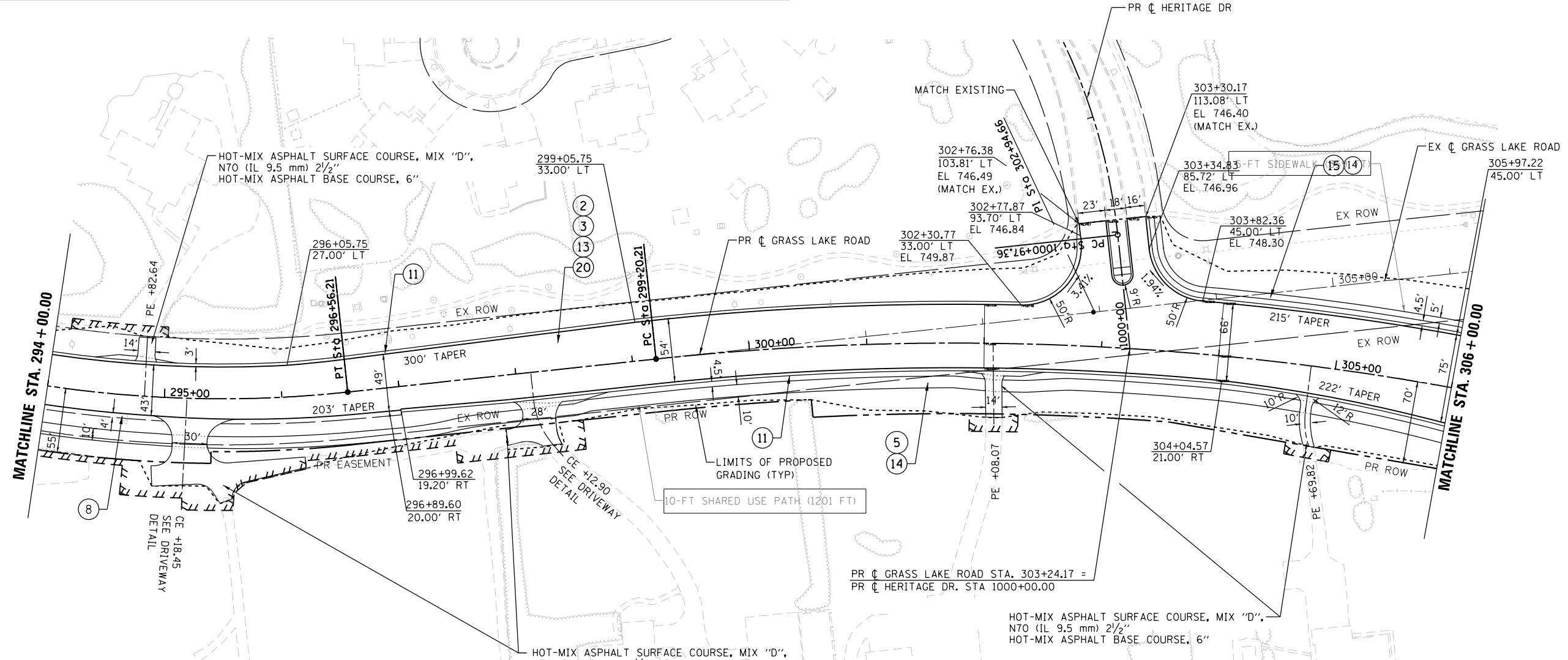
ILLINOIS FED. AID PROJECT

LEGEND

- | | |
|--|---|
| ① PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINED) | ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 |
| ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" | ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| ③ HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70, 7 1/4" | ⑫ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED) |
| ④ HOT-MIX ASPHALT BASE COURSE, 4 3/4" | ⑬ AGGREGATE SUBGRADE IMPROVEMENT 12" |
| ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3" | ⑭ AGGREGATE BASE COURSE, TYPE B 6" |
| ⑥ HOT-MIX ASPHALT SHOULDERS, 8" | ⑮ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH |
| ⑦ HOT-MIX ASPHALT SHOULDERS, 7 3/4" | ⑯ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS |
| ⑧ AGGREGATE SHOULDERS, TYPE B 6" | ⑰ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4" |
| ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED) | ⑱ HOT-MIX ASPHALT BASE COURSE, 5 3/4" |
| | ⑲ DETECTABLE WARNINGS |
| | ⑳ LONGITUDINAL JOINT SEALANT |



DATE	BY	SURVEYED	NOTED
DATE	BY	PLOTTED	DATE
DATE	BY	ALIGNMENT CHECKED	DATE
DATE	BY	GRADES CHECKED	DATE
DATE	BY	STRUCTURE NOTATIONS CHECKED	DATE
DATE	BY	NO. _____	NO. _____

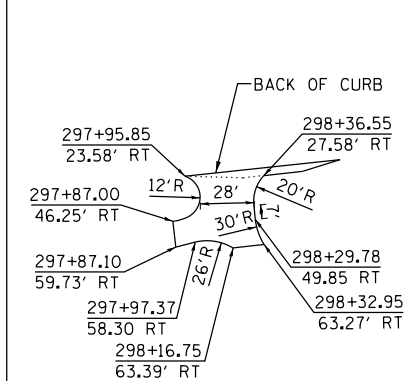
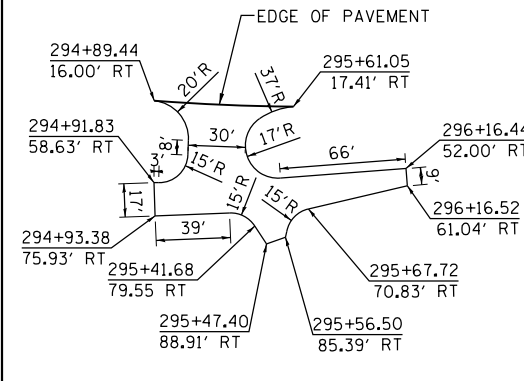


PR GRASS LAKE ROAD STA. 303+24.17 =
PR HERITAGE DR. STA 1000+00.00

HOT-MIX ASPHALT SURFACE COURSE, MIX "D",
N70 (IL 9.5 mm) 2 1/2"
HOT-MIX ASPHALT BASE COURSE, 6"

HOT-MIX ASPHALT SURFACE COURSE, MIX "D",
N70 (IL 9.5 mm) 2 1/2"
HOT-MIX ASPHALT BASE COURSE, 8"

PROP. CURVE PRGL-2
PI STA. = 302+94.66
Δ = 17° 51' 59" (RT)
D = 2° 24' 19"
R = 2,382.15'
T = 374.45'
L = 742.82'
E = 29.25'
e = 3.0%
T.R. = 84°
S.E. RUN = 126'
P.C. STA. = 299+20.21
P.T. STA. = 306+63.03



USER NAME = P0027446	DESIGNED BN	REVISD -
	DRAWN BN	REVISD -
PLOT SCALE = 100.0000' / 1"	CHECKED FZ	REVISD -
PLOT DATE = 3/13/2018	DATE 02/02/2017	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

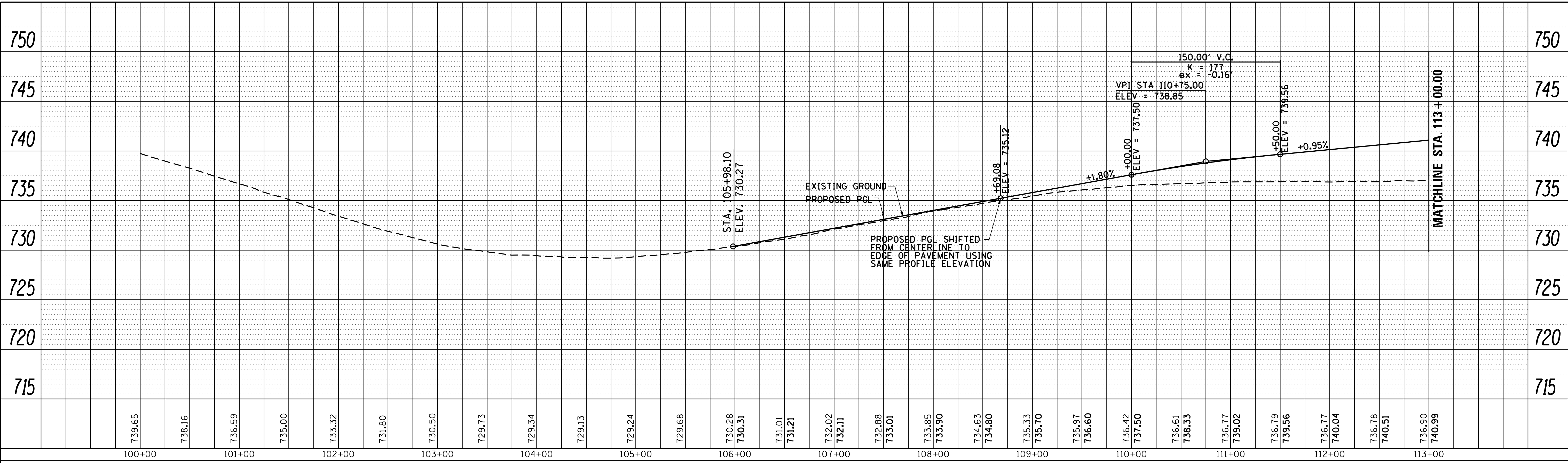
**PROPOSED ROADWAY PLAN
GRASS LAKE ROAD**

SCALE: 1"=50' SHEET 9 OF 10 SHEETS STA. 294+00 TO STA. 304+00

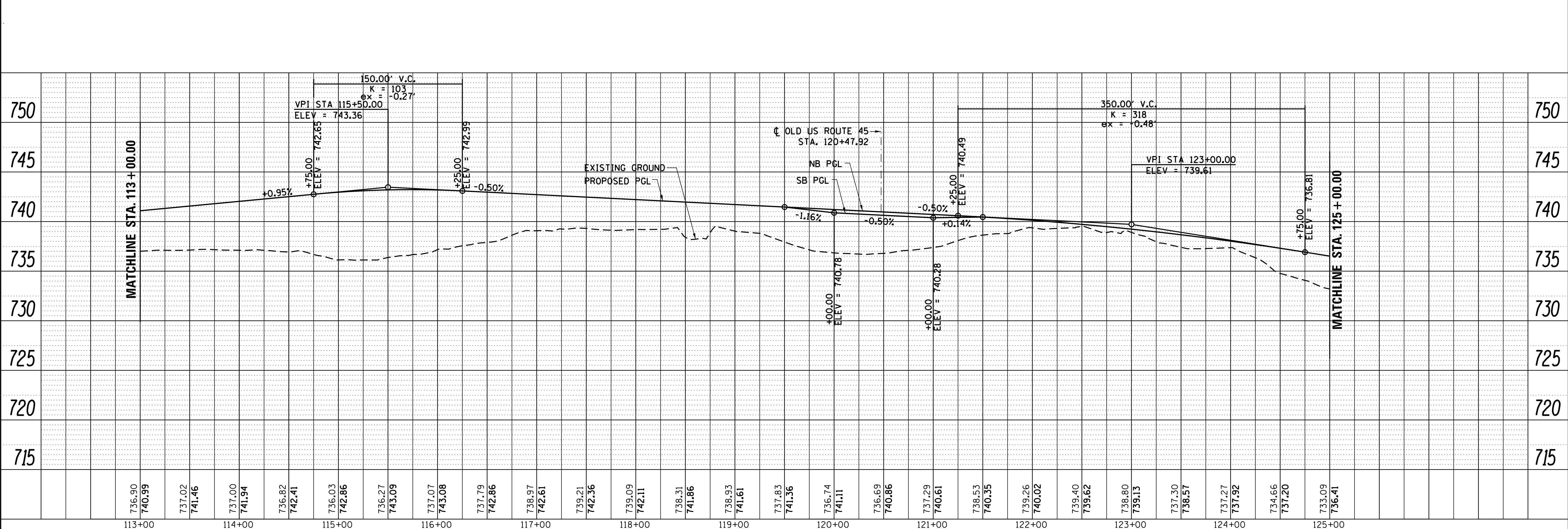
F.A.P. RT. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 75
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T75	

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	PLOTTED		
	NOTE BOOK NO.		
	CHECKED		
	ATTEMPT		
	CADD FILE NAME		



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



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PLOT DATE = 9/14/2017	DATE - 02/02/2017	REVISED -

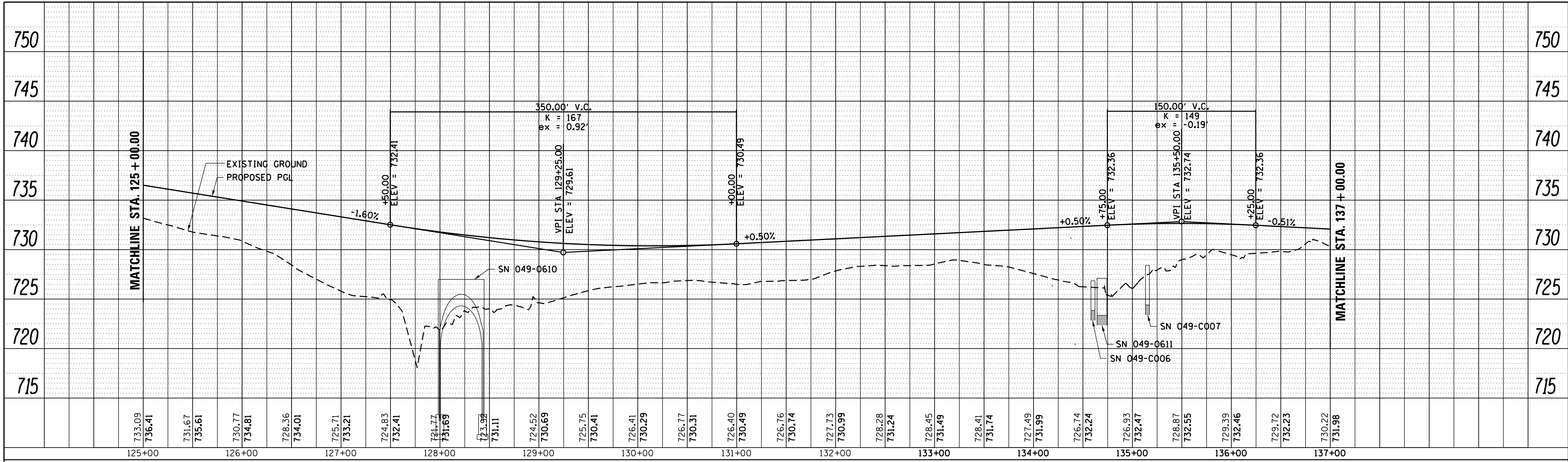
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY PROFILE
US ROUTE 45**

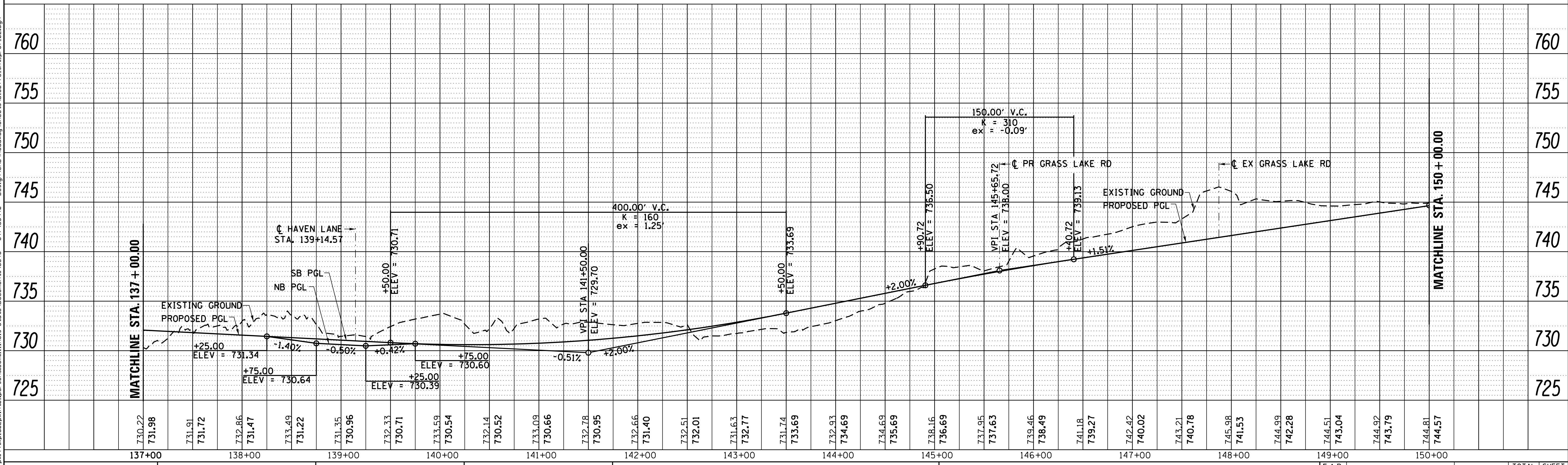
F.A.P. RT. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 77
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

H:1"=50' V:1"=10' SHEET 1 OF 4 SHEETS STA. 100+00 TO STA. 125+00

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



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		
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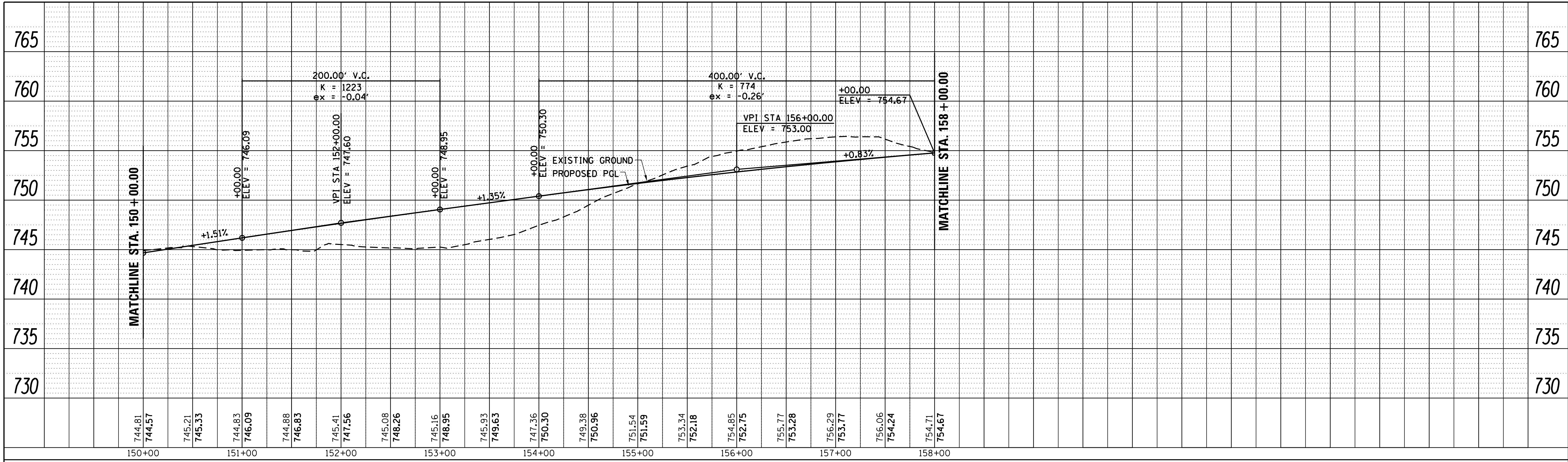
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PLOT SCALE = 50.0000' / in.	DRAWN - BN	REVISED -
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	DATE - 02/02/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

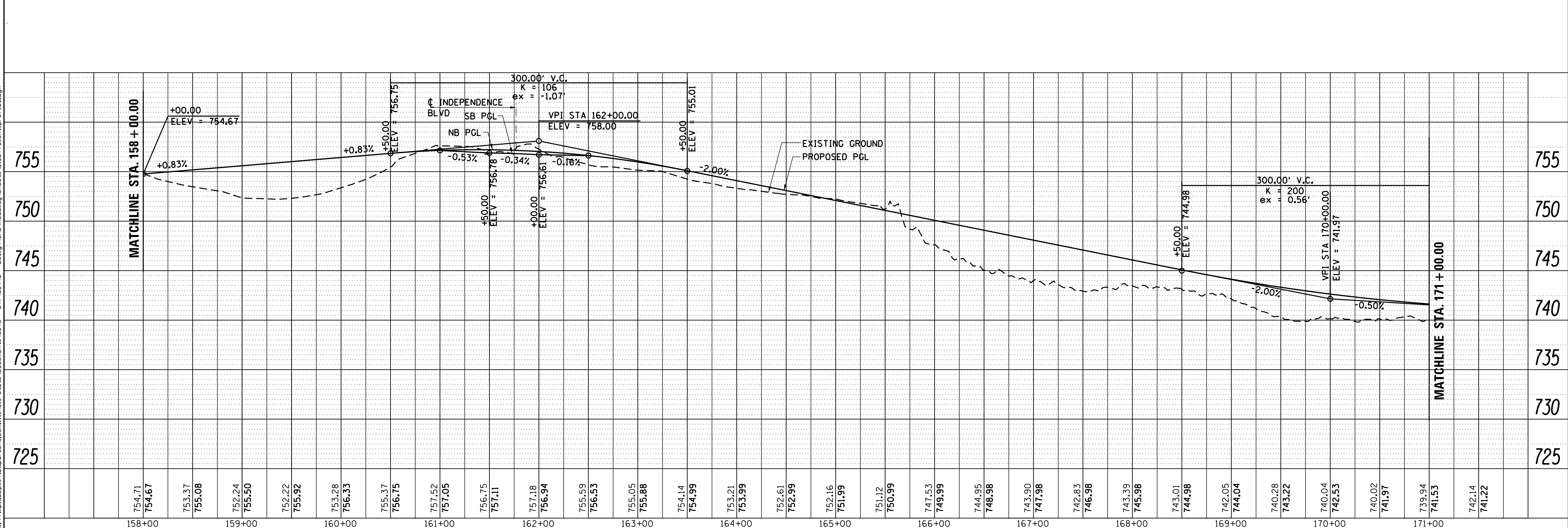
PROPOSED ROADWAY PROFILE US ROUTE 45	
H:1"=50' V:1"=10'	SHEET 2 OF 4 SHEETS STA. 125+00 TO STA. 150+00

F.A.P. RTF. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 78
CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	AT		
	FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK		
	NO.		
	STRUCTURE		
	NOTATRS CHKD		



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PLOT DATE = 9/14/2017	DATE - 02/02/2017	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY PROFILE
US ROUTE 45**

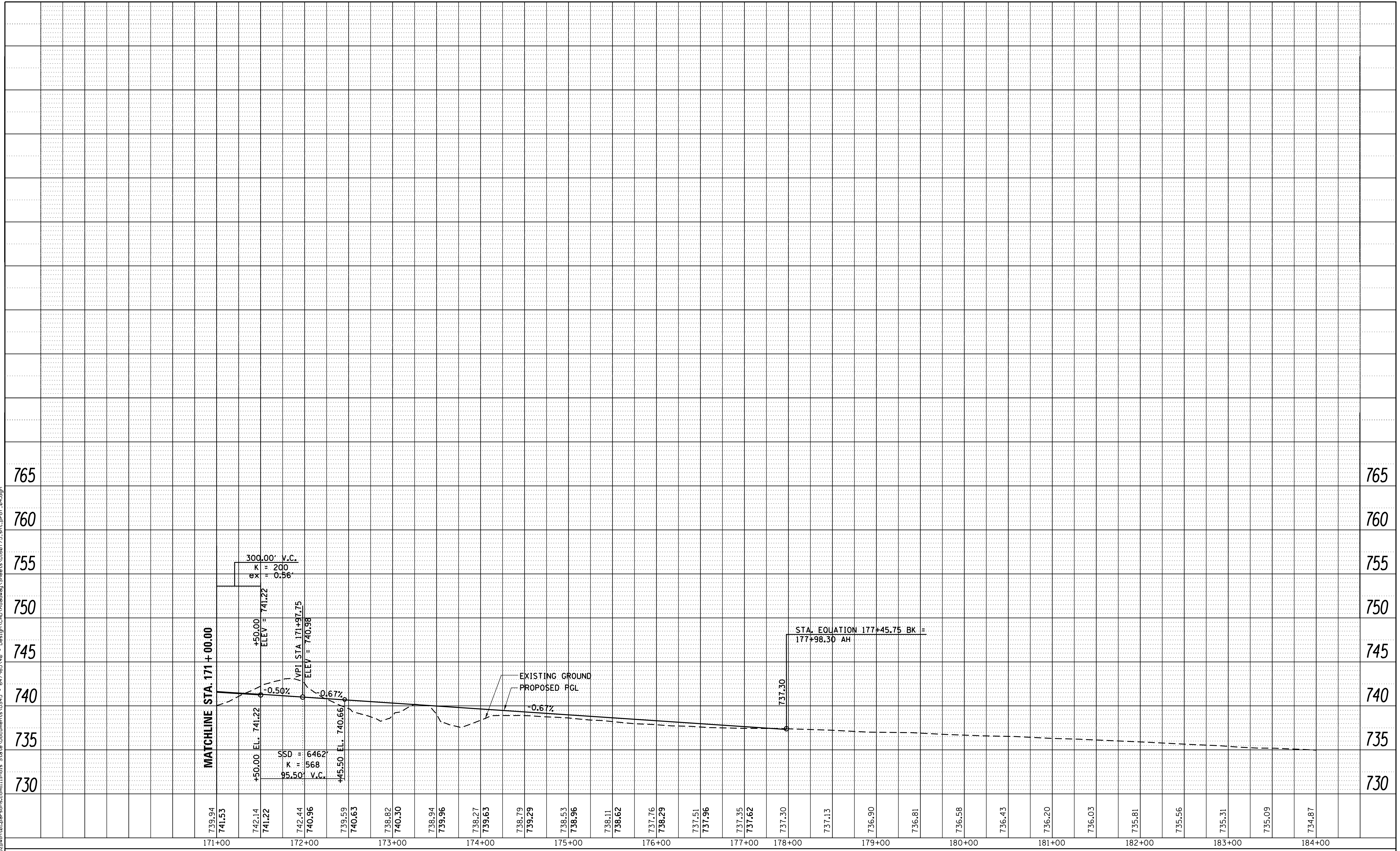
H:1"=50' V:1"=10' SHEET 3 OF 4 SHEETS STA. 150+00 TO STA. 171+00

F.A.P. RTF. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 79
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK NO.		
	CHECKED		
	AT		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK NO.		
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PLOT SCALE = 50.0000' / in.	CHECKED - FZ	REVISED -
PLOT DATE = 9/14/2017	DATE - 02/02/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY PROFILE
US ROUTE 45**

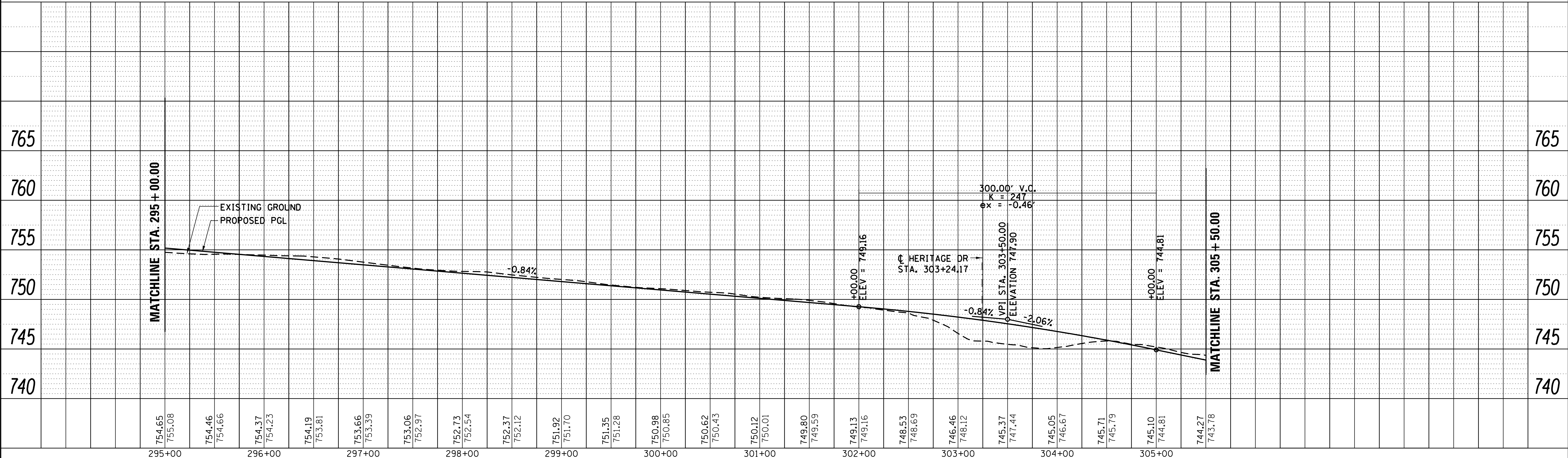
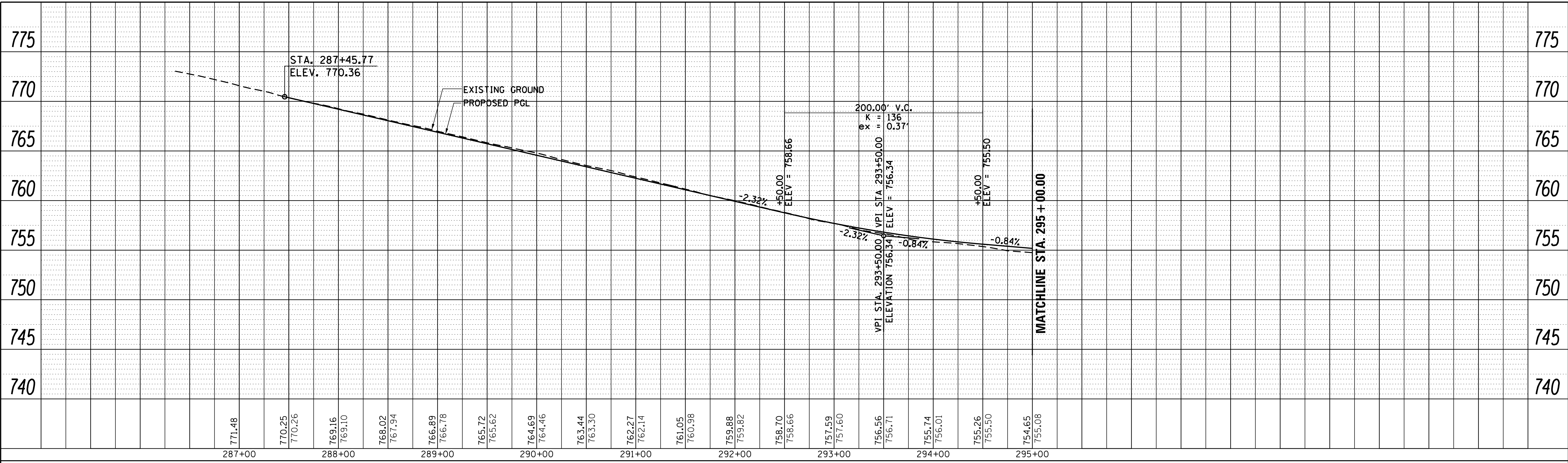
Horizontal Scale: 1" = 50' Vertical Scale: 1" = 10' SHEET 4 OF 4 SHEETS STA. 171+00 TO STA. 178+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	80
PRELIMINARY			CONTRACT NO. 60T75	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
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	CADD FILE NAME		

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

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	DRAWN - BN	REVISED -
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PLOT DATE = 9/14/2017	DATE - 02/02/2017	REVISED -

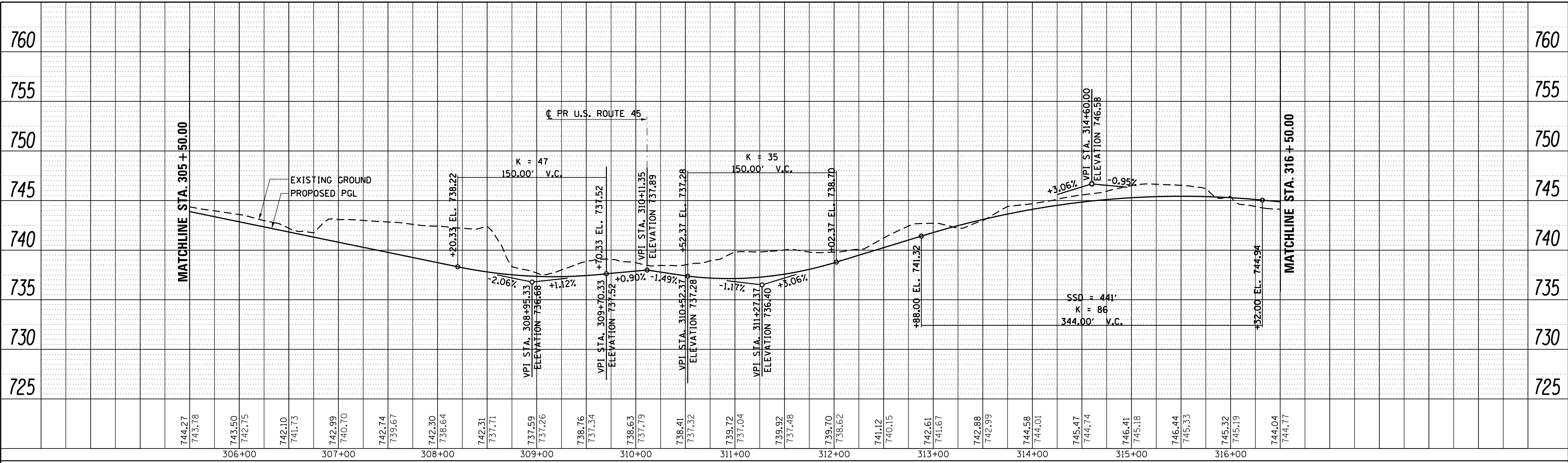
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY PROFILE
GRASS LAKE ROAD**

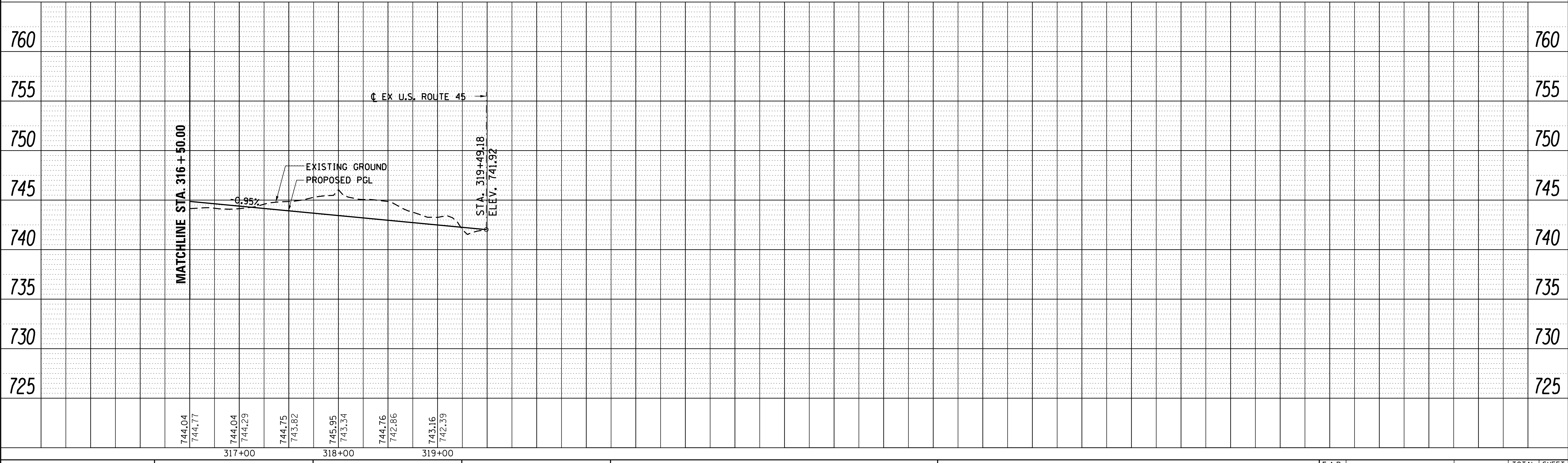
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F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 81
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	CHECKED	
NO.	DATE	



PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK	CHECKED	
NO.	DATE	



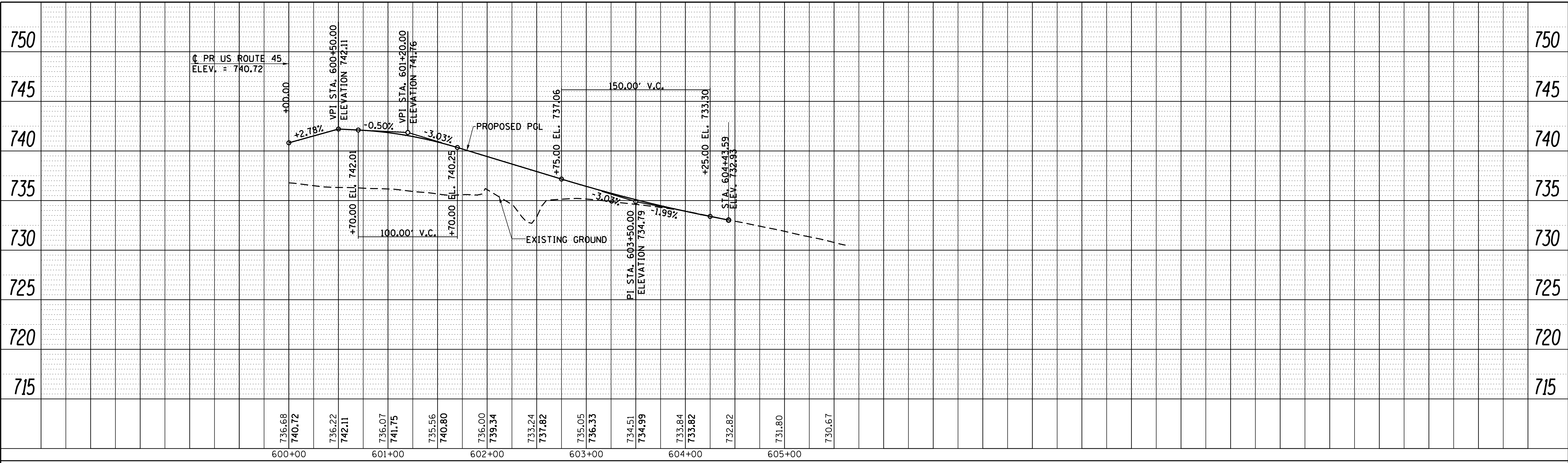
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PLOT DATE = 9/14/2017	DATE - 02/02/2017	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

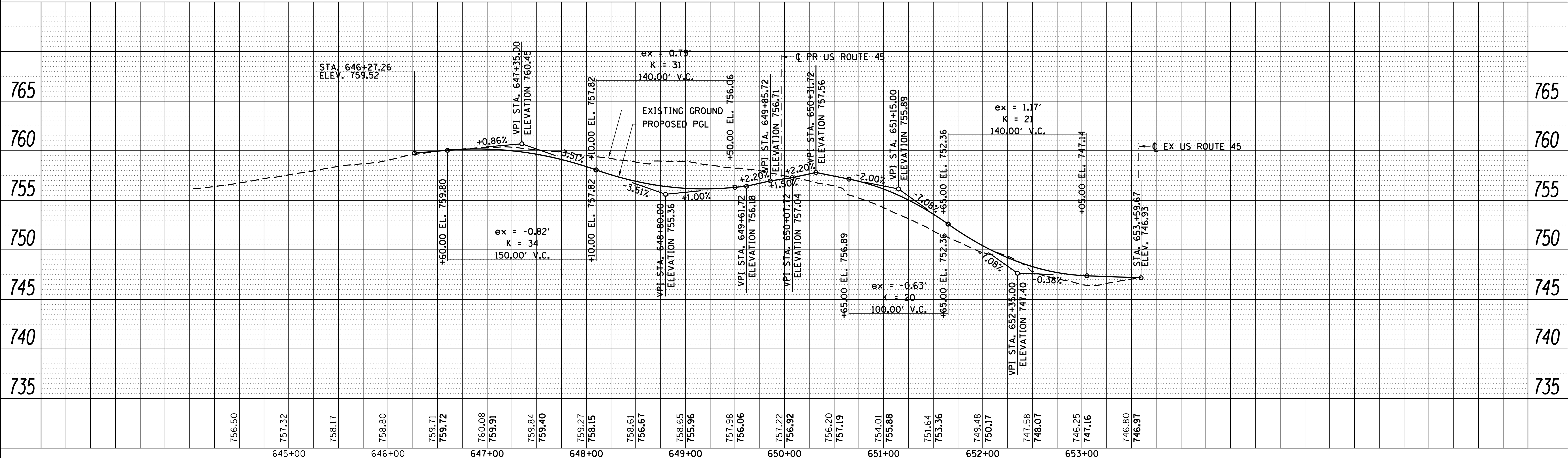
FILE NAME	SHEET 2	OF 2 SHEETS	STA. 304+00	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	82
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
CADD FILE NAME	CHECKED	
	AT	
	WORK	
	DATE	



PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
STRUCTURE	CHECKED	
NOTATRS	AT	
CHKD	WORK	
	DATE	



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USER NAME = 35361	DESIGNED - BN	REVISED -
	DRAWN - BN	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - FZ	REVISED -
PLOT DATE = 9/14/2017	DATE - 02/02/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY PROFILE
OLD US ROUTE 45 & INDEPENDENCE BLVD**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	83
CONTRACT NO. 60T75				

Horizontal Scale: 1" = 50' Vertical Scale: 1" = 10'
SHEET 1 OF 1 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

MAINTENANCE OF TRAFFIC GENERAL NOTES

- TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN AND SECTION 701 OF THE STANDARD SPECIFICATIONS.
- TYPE I OR TYPE II BARRICADES, DRUMS OR VERTICAL PANELS WITH MONO-DIRECTIONAL, STEADY-BURN LIGHTS SHALL BE REQUIRED ALONG TEMPORARY ROADS, DETOURS AND SIDE STREETS TO DELINEATE THE TRAVELED WAY WITHIN THE CONSTRUCTION ZONE. THE MAXIMUM SPACING FOR THESE DEVICES SHALL BE 50 FEET CENTER TO CENTER.
- ANY DROP OFF GREATER THAN THREE INCHES BUT LESS THAN SIX INCHES, WITHIN 8 FT OF THE PAVEMENT EDGE, SHALL BE PROTECTED BY TYPE I OR TYPE II BARRICADES EQUIPPED WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS AT THE SPACING SHOWN IN THE PLANS IF THE DROP OFF WITHIN 8 FT OF THE PAVEMENT EDGE EXCEEDS SIX INCHES. THE BARRICADES MENTIONED ABOVE SHALL BE PLACED AT 25-FOOT CENTER TO CENTER SPACING. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901. THE SPACING OF THE BARRICADES AT ALL RADIUS RETURNS SHALL BE 10-FOOT CENTER TO CENTER.
- TYPE I, II, AND/OR TYPE III BARRICADES WITH TWO WAY FLASHING LIGHTS SHALL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.
- WHERE REQUIRED, TRAFFIC SIGNS SHALL BE RELOCATED FOR EACH STAGE OF CONSTRUCTION. SIGN RELOCATION SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- ARROW BOARDS SHALL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.
- EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER. THE REMOVAL SHALL BE MEASURED IN SQUARE FEET AND PAID FOR AS PAVEMENT MARKING REMOVAL-GRINDING (X0327979), OR AS PAVEMENT MARKING REMOVAL-WATER BLASTING (X0327980).
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ACCESS POINTS TO THE WORK ZONE. ACCESS POINTS MUST BE APPROVED BY THE ENGINEER PRIOR TO THE INSTALLATION. ANY SIGNING OR ADDITIONAL TRAFFIC CONTROL DEVICES REQUIRED TO PROVIDE CONTRACTOR ACCESS TO THE WORK ZONE SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND WILL NOT BE PAID FOR SEPARATELY.
- ANY RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES SHALL HAVE THE REFLECTIVE LENSES REMOVED, AS DIRECTED BY THE ENGINEER, AND REPLACED AT THE END OF THE PROJECT. THE COST OF REMOVAL AND REPLACEMENT OF THE RAISED REFLECTIVE PAVEMENT MARKER LENSES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- LANE CLOSURES, SIGNING, PAVEMENT MARKING AND BARRICADE PLACEMENT SHALL BE IN ACCORDANCE WITH THE INCLUDED IDOT STANDARD DRAWINGS AND IDOT DISTRICT 1 STANDARD DETAILS.
- THE CONTRACTOR MUST COORDINATE ROAD CLOSURES WITH THE ENGINEER.
- TRAFFIC CONTROL, ALL TRAFFIC CONTROL DEVICES AND SIGNAGE REQUIRED IN ACCORDANCE WITH APPLICABLE IDOT DISTRICT 1 STANDARDS, IDOT HIGHWAY STANDARDS, AND THE CONTRACT DRAWINGS IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND WILL NOT BE PAID FOR SEPARATELY.
- ANY EXISTING SIGNS DENOTED WITHIN THE PLAN SET THAT DO NOT APPLY TO THE DETOUR SHALL BE REMOVED OR COVERED, AS DIRECTED BY THE ENGINEER. THE COVERING OR REMOVAL OF GROUND MOUNTED SIGNS SHALL BE NON-DESTRUCTIVE IN NATURE AND WILL NOT BE MEASURED FOR PAYMENT BUT IS CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO WEIGHTED SAND BAGS ON EACH TYPE I AND TYPE II BARRICADE USED, ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
- THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES, APPROACHES, AND TEMPORARY ROADS WITHIN THE PROJECT LIMITS. THE WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR THE TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE) OR TEMPORARY ACCESS (ROAD).

STAGING OVERVIEW

- STAGE 1
CONSTRUCTION:
- ESTABLISH EROSION CONTROL MEASURES.
 - COMPLETE BUILDING DEMOLITION.
 - COMPLETE UTILITY RELOCATION.
 - CONSTRUCT MILLBURN CREEK AND TRIBUTARY TO MILLBURN CREEK BRIDGE AND CULVERTS.
 - CONSTRUCT PROPOSED US ROUTE 45 MAINLINE STORM SEWERS.
 - CONSTRUCT DETENTION BASINS AS SHOWN IN THE PLANS.
 - CONSTRUCT TEMPORARY PAVEMENT NECESSARY FOR STAGE 2 TRAFFIC CONTROL.
 - COMPLETE ROADWAY GRADING AND PAVING OF PROPOSED US ROUTE 45 AS SHOWN IN THE PLANS. PROPOSED INTERSECTIONS ALONG PROPOSED US ROUTE 45 (HAVEN LANE, EXISTING GRASS LAKE ROAD AND INDEPENDENCE BLVD) TO BE CONSTRUCTED IN STAGE 2.

- TRAFFIC:
- EXISTING TRAFFIC TO REMAIN ON EXISTING ALIGNMENTS.
 - TEMPORARY LANE CLOSURES WITH FLAGGERS SHALL BE ALLOWED FOR UTILITY RELOCATIONS AND PROPOSED STORM SEWER AS REQUIRED.
 - TRAFFIC CONTROL REQUIRED FOR TEMPORARY PAVEMENT PLACEMENT SHALL BE ALLOWED ONLY WHEN THE WORK ZONE IS REQUIRED AND SHALL BE OF A LIMITED DURATION. THE EXISTING TRAFFIC PATTERN SHALL REMAIN FOR THE MAJORITY OF STAGE 1.
 - MAINTAIN ACCESS TO ALL DRIVEWAYS AND CROSS STREETS AT ALL TIMES EXCEPT AS NOTED IN THE PLANS (THROUGHOUT PROJECT DURATION).

- STAGE 2
CONSTRUCTION:
- CONSTRUCT REMAINING INTERSECTIONS ALONG PROPOSED US ROUTE 45 AT HAVEN LANE, GRASS LAKE ROAD (INCLUDING RETAINING WALL) AND ENTIRE INDEPENDENCE BLVD. THIS WORK SHALL NOT BEGIN UNTIL US ROUTE 45 IS SUBSTANTIALLY COMPLETE IN STAGE 1. HAVEN LANE AND INDEPENDENCE BLVD SHALL BE CONSTRUCTED 1/2 AT A TIME WITH SUB STAGES AS REQUIRED. INDEPENDENCE BLVD SHALL BE CONSTRUCTED IN THE SUMMER MONTHS WHEN THE ADJACENT SCHOOL IS NOT IN SESSION.
 - CONSTRUCT THE WEST SIDE OF THE PAVEMENT AT THE NORTH AND SOUTH CONNECTIONS FROM PROPOSED US ROUTE 45 TO EXISTING US ROUTE 45. TEMPORARY PAVEMENT TO BE PLACED ALONG EAST SIDE OF EXISTING US ROUTE 45 IMMEDIATELY PRIOR TO WEST SIDE CONSTRUCTION.
 - CONSTRUCT NORTH 1/2 OF GRASS LAKE ROAD FROM HERITAGE DRIVE TO WESTERN PROJECT LIMITS.
 - CONSTRUCT TEMPORARY PAVEMENT NECESSARY FOR STAGE 3.

- TRAFFIC:
- TRAFFIC TO BE MOVED TO THE EAST SIDE OF EXISTING US ROUTE 45 AT THE NORTH AND SOUTH CONNECTIONS ONTO TEMPORARY PAVEMENT AS REQUIRED TO CONSTRUCT WEST HALF OF PROPOSED US ROUTE 45.
 - CLOSE HAVEN LANE EAST OF PROPOSED US ROUTE 45 AND EXISTING GRASS LAKE ROAD EAST OF HERITAGE DRIVE. TRAFFIC TO BE RE-ROUTED TO PROPOSED GRASS LAKE ROAD. WEST OF HERITAGE DRIVE TRAFFIC TO BE SHIFTED TO SOUTH 1/2 OF EXISTING OLD GRASS LAKE ROAD, UTILIZING TEMPORARY PAVEMENT AS REQUIRED.
 - PENDING APPROVAL FROM THE BUREAU OF TRAFFIC, INDEPENDENCE BLVD TO BE CLOSED COMPLETELY DURING RECONSTRUCTION AND TRAFFIC TO BE DETOURED TO GRASS LAKE ROAD AND HERITAGE DRIVE.

- STAGE 3
CONSTRUCTION:
- REMOVE EXISTING PAVEMENT ALONG PORTIONS OF ABANDONED US ROUTE 45.
 - COMPLETE CONSTRUCTION OF THE EAST SIDE PAVEMENT AT THE NORTH AND SOUTH CONNECTIONS FROM PROPOSED US ROUTE 45 TO EXISTING US ROUTE 45.
 - CONSTRUCT THE REMAINING GRASS LAKE ROAD & MILLBURN ROAD FROM HERITAGE DRIVE TO THE WESTERN PROJECT LIMITS.
 - CONSTRUCT CUL-DE-SAC AT NORTH END AND CONNECTION FROM PROPOSED US ROUTE 45 TO EXISTING ROUTE 45 AT SOUTHERN END.
 - CONSTRUCT FINAL DETENTION BASIN ADJACENT TO CUL-DE-SAC LOCATED ON EXISTING US ROUTE 45.

- TRAFFIC:
- TRAFFIC TO BE SHIFTED ONTO PROPOSED US ROUTE 45. AT THE NORTH AND SOUTH CONNECTIONS, THE TRAFFIC WILL BE SHIFTED TO THE WEST SIDE.
 - TRAFFIC ON TO BE SHIFTED ONTO NORTH SIDE OF EXISTING OLD GRASS LAKE ROAD, UTILIZING TEMPORARY PAVEMENT AS REQUIRED.

- STAGE 4
CONSTRUCTION:
- CONSTRUCT RAISED MEDIANS ALONG PROPOSED US ROUTE 45 AT SELECT LOCATIONS.
 - COMPLETE SEEDING & LANDSCAPING.

- TRAFFIC:
- ONE LANE OF TRAFFIC TO BE MAINTAINED AT ALL TIMES ALONG PROPOSED US ROUTE 45 ADJACENT TO MEDIAN WORK. TRAFFIC TO FOLLOW PROPOSED FINAL CONFIGURATION AT LOCATIONS NOT ADJACENT TO WORK ZONES.

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	CHECKED	
	PAID FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHKO	

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	DRAWN MO	REVISED
PLOT SCALE = 1.0000' / in.	CHECKED RSO	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=50'		SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	84
CONTRACT NO.			60T75	
ILLINOIS FED. AID PROJECT				

DETOUR ROUTE

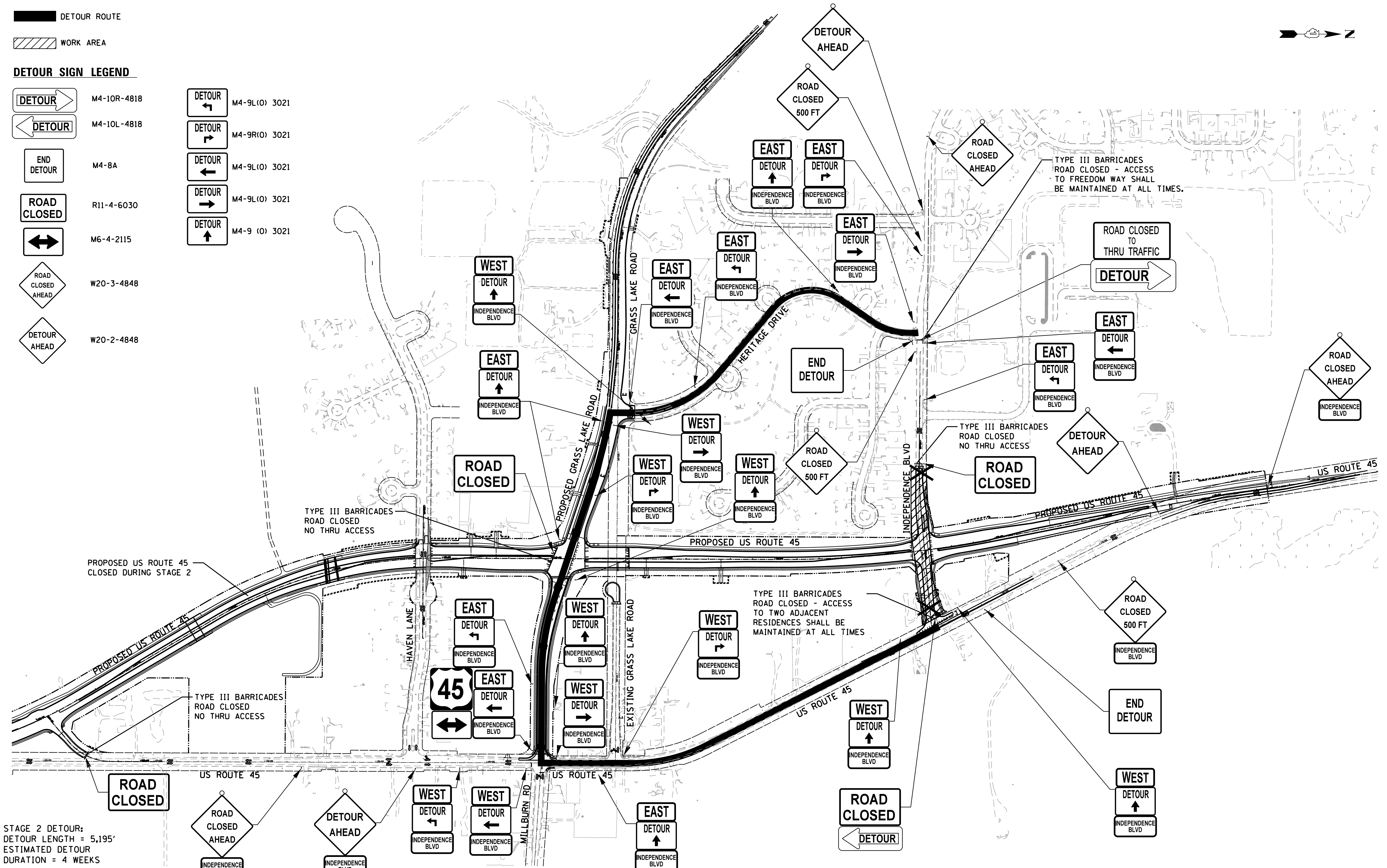
WORK AREA

DETOUR SIGN LEGEND

- DETOUR (Right Arrow) M4-10R-4818
- DETOUR (Left Arrow) M4-10L-4818
- END DETOUR M4-8A
- ROAD CLOSED (Double Arrow) R11-4-6030
- ROAD CLOSED AHEAD (Diamond) W20-3-4848
- DETOUR AHEAD (Diamond) W20-2-4848
- DETOUR (Up Arrow) M4-9L(O) 3021
- DETOUR (Down Arrow) M4-9R(O) 3021
- DETOUR (Left Arrow) M4-9L(O) 3021
- DETOUR (Right Arrow) M4-9L(O) 3021
- DETOUR (Up Arrow) M4-9 (O) 3021

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STAGE 2 DETOUR:
 DETOUR LENGTH = 5,195'
 ESTIMATED DETOUR
 DURATION = 4 WEEKS

USER NAME = 35361	DESIGNED MO	REVISED
	DRAWN MO	REVISED
PLOT SCALE = 200.0000' / in.	CHECKED JB	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
 DETOUR PLAN

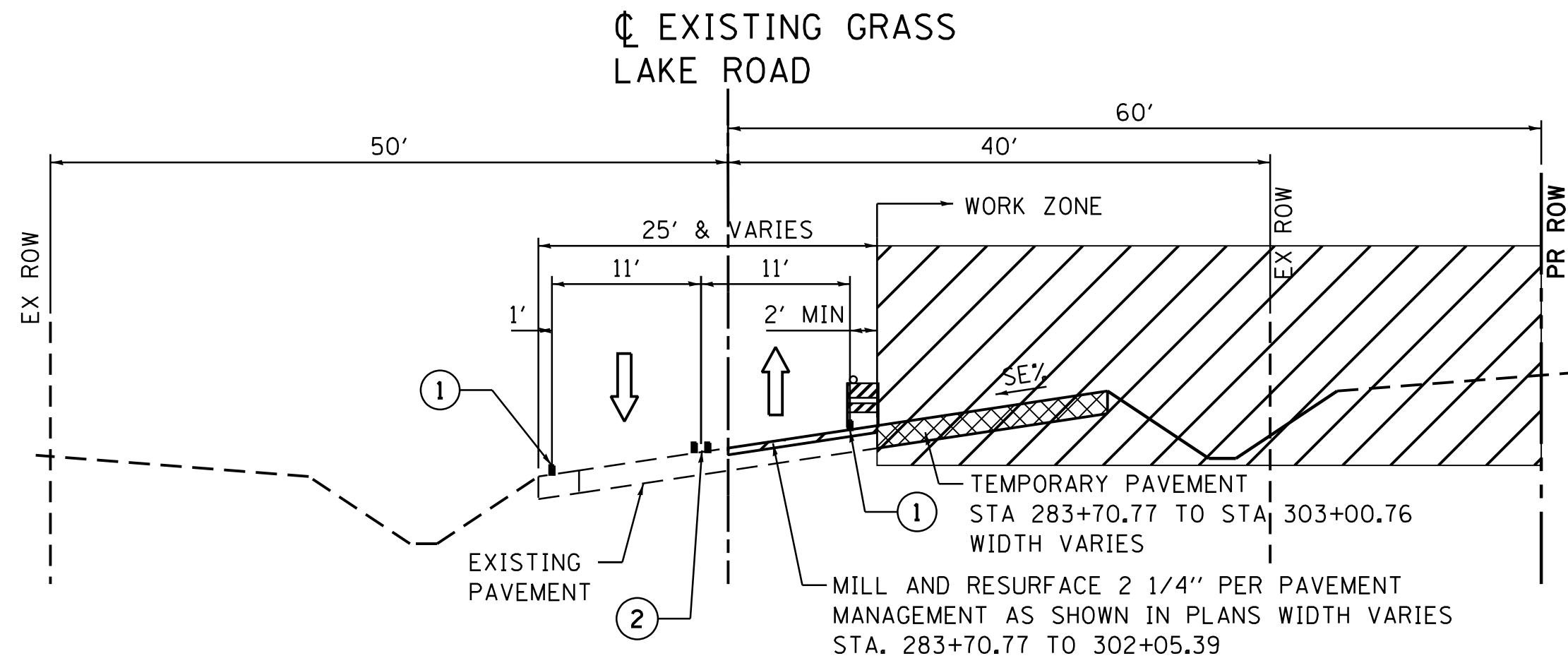
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	85
				CONTRACT NO. 60T75
ILLINOIS FED. AID PROJECT				

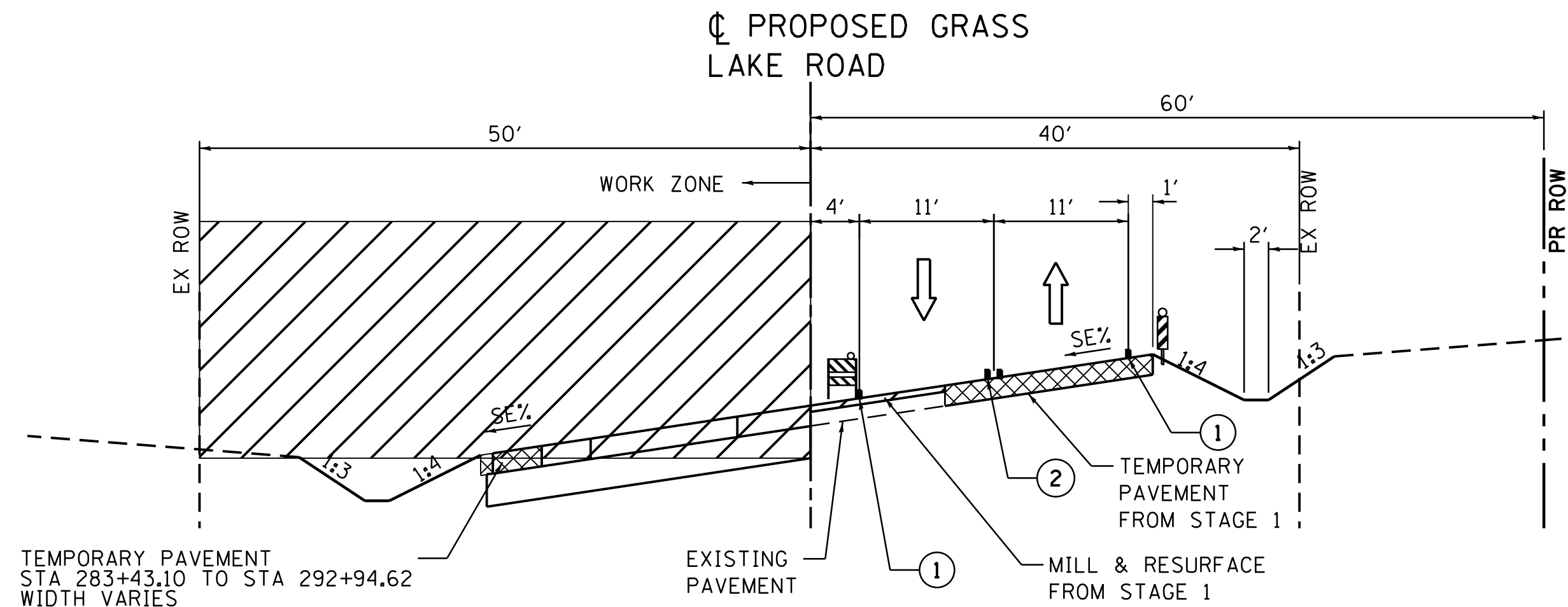
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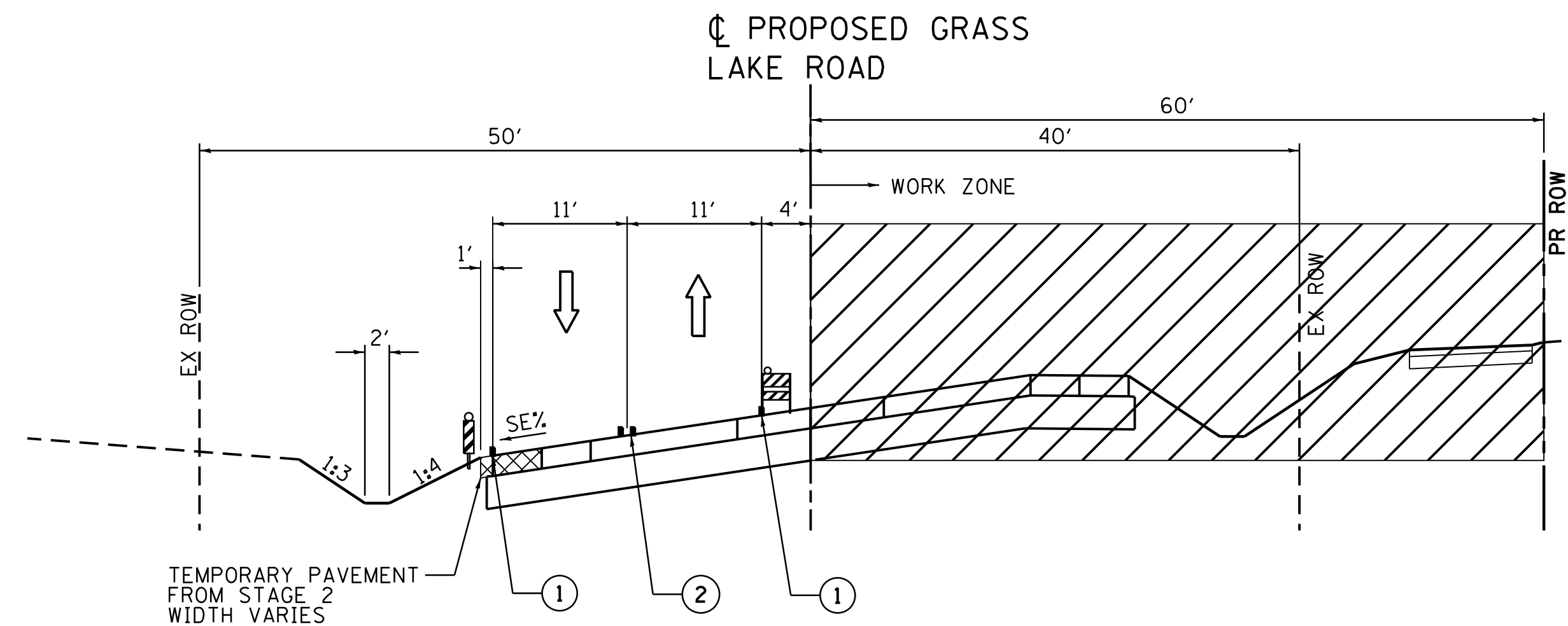
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STAGE 1 - TYPICAL SECTION EXISTING GRASS LAKE ROAD
STA 283+00.00 TO STA 307+59.81




STAGE 2 - TYPICAL SECTION PROPOSED GRASS LAKE ROAD
STA 283+70.33 TO STA 309+25.00



STAGE 3 - TYPICAL SECTION PROPOSED GRASS LAKE ROAD
STA 283+70.77 TO STA 309+25.00

MAINTENANCE OF TRAFFIC LEGEND

 DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT

 TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS

 TRAFFIC FLOW

 WORK ZONE

① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE

② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C

USER NAME = 35361	DESIGNED FZ	REVISED -
DRAWN MO	REVISOR	
PLLOT SCALE = 10.0000 ' / in.	CHECKED JB	REVISOR
PLLOT DATE = 9/14/2017	DATE 02/02/2017	REVISOR

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS**

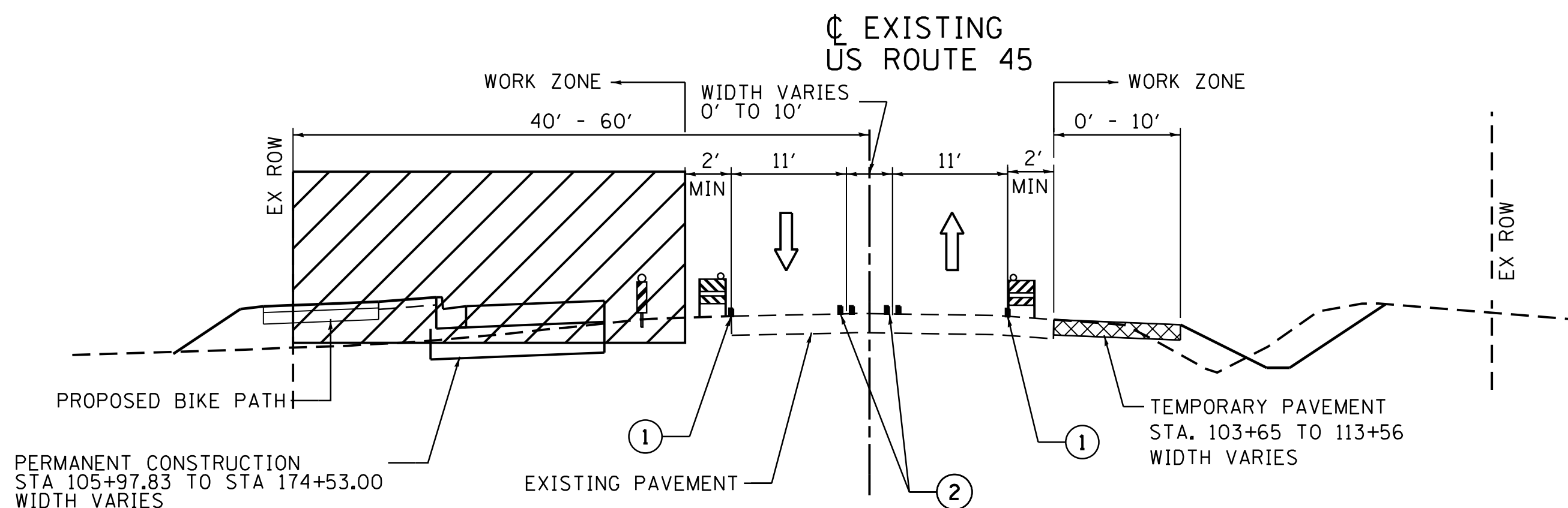
SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	86
CONTRACT NO.			60T75	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
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NOTE BOOK	
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PERMANENT CONSTRUCTION	
STA 105+97.83 TO STA 174+53.00	
WIDTH VARIES	

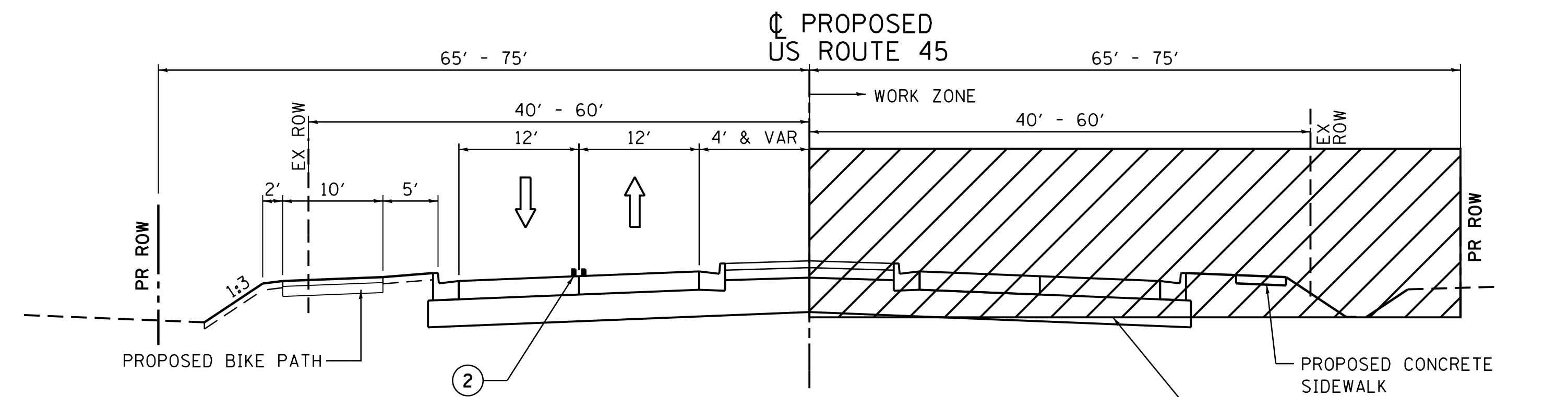
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NOTE BOOK	
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PERMANENT CONSTRUCTION	
STA 105+97.83 TO STA 114+00.00	
STA 174+00.00 TO STA 177+98.30	
WIDTH VARIES	

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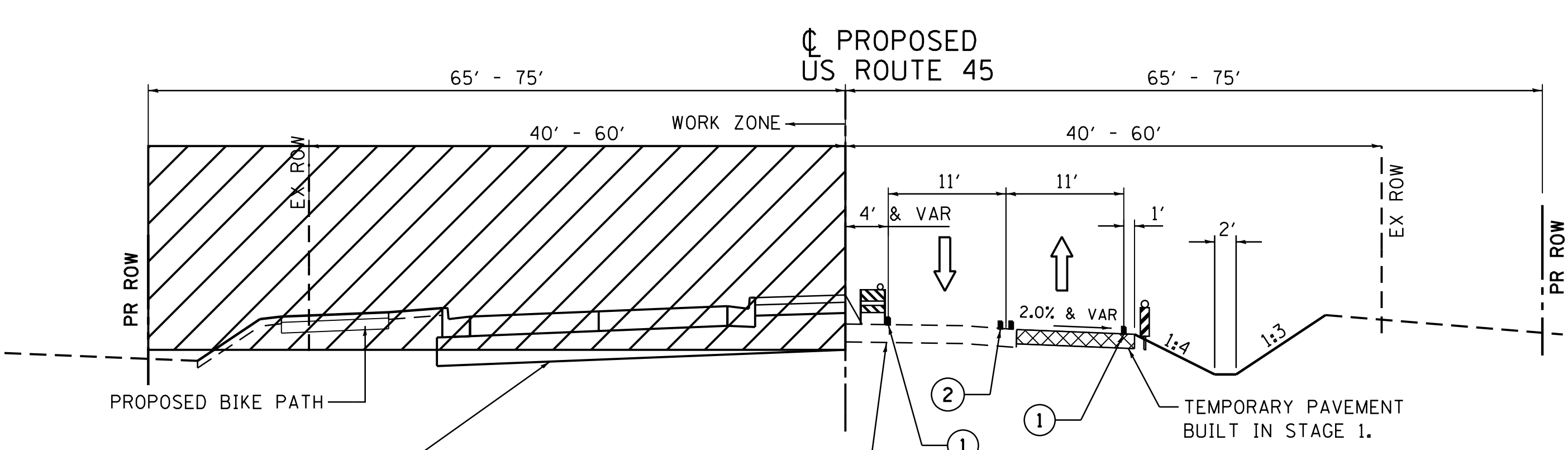


STAGE 1 - TYPICAL SECTION EXISTING US ROUTE 45
 STA 105+97.83 TO STA 125+00.00
 STA 170+50.00 TO STA 183+20.80

NOTE:
 TRAVEL LANES TRANSITION TO AND FROM THE EXISTING ROADWAY CONFIGURATION BETWEEN STA 125+00 AND 170+50.00

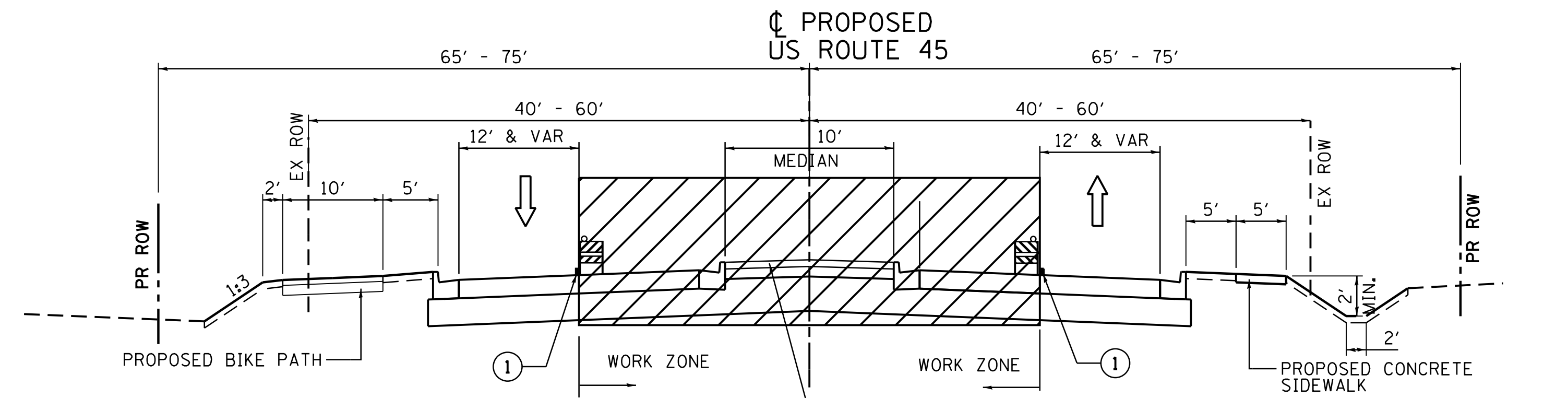


STAGE 3 - TYPICAL SECTION PROPOSED US ROUTE 45
 STA 105+97.83 TO STA 117+00.00
 STA 173+00.27 TO STA 177+98.30



STAGE 2 - TYPICAL SECTION PROPOSED US ROUTE 45
 STA 105+97.83 TO STA 114+00.00
 STA 174+00.00 TO ST. 177+98.30

NOTE:
 TRAVEL LANES TRANSITION TO AND FROM THE EXISTING ROADWAY CONFIGURATION BETWEEN STA 114+00 TO STA 174+00



STAGE 4 - TYPICAL SECTION PROPOSED US ROUTE 45
 STA 106+04.30 TO STA 125+47.07
 STA 168+70.10 TO ST. 177+98.30

NOTE:
 TRAVEL LANES TRANSITION TO AND FROM THE PROPOSED ROADWAY CONFIGURATION BETWEEN STA 125+47 to STA 168+70

MAINTENANCE OF TRAFFIC LEGEND	
	DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
	TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TRAFFIC FLOW
	WORK ZONE
①	TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
②	TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C

USER NAME = 35361	DESIGNED FZ	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 10.0000' / 1"	CHECKED JB	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

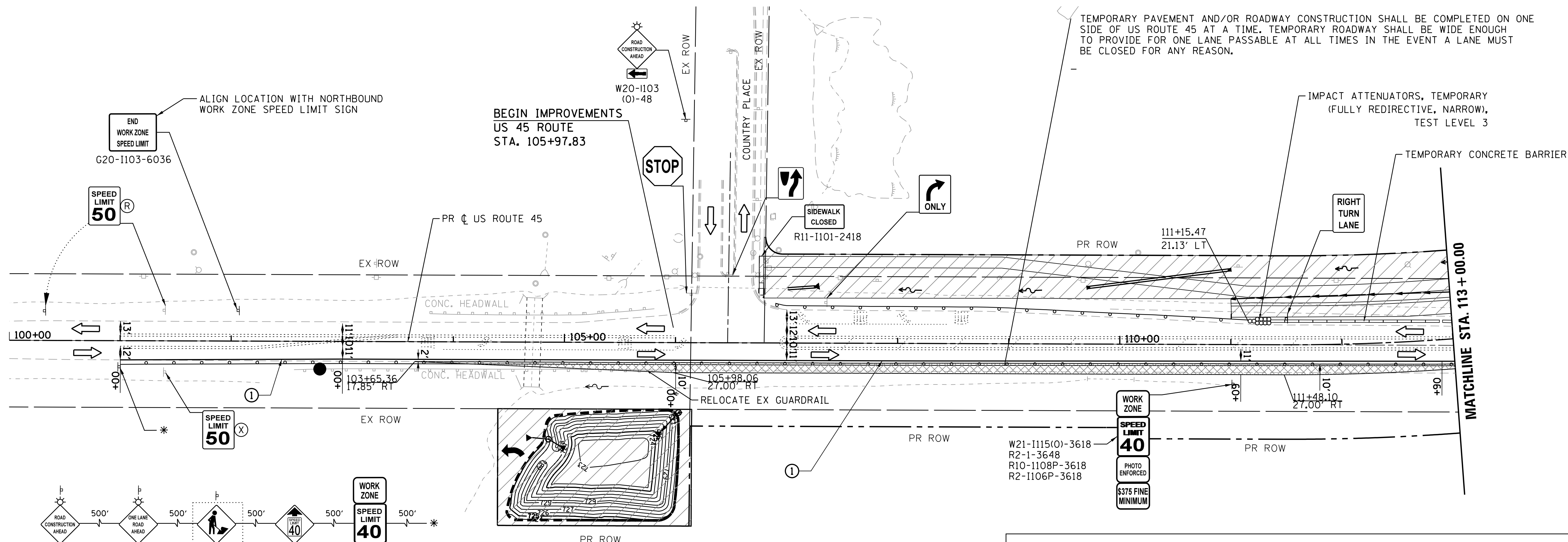
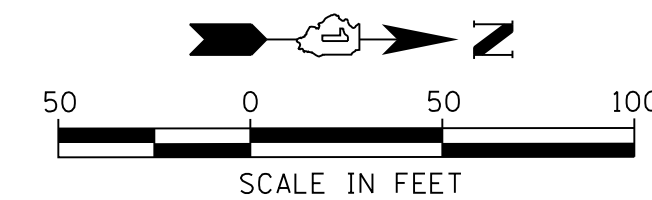
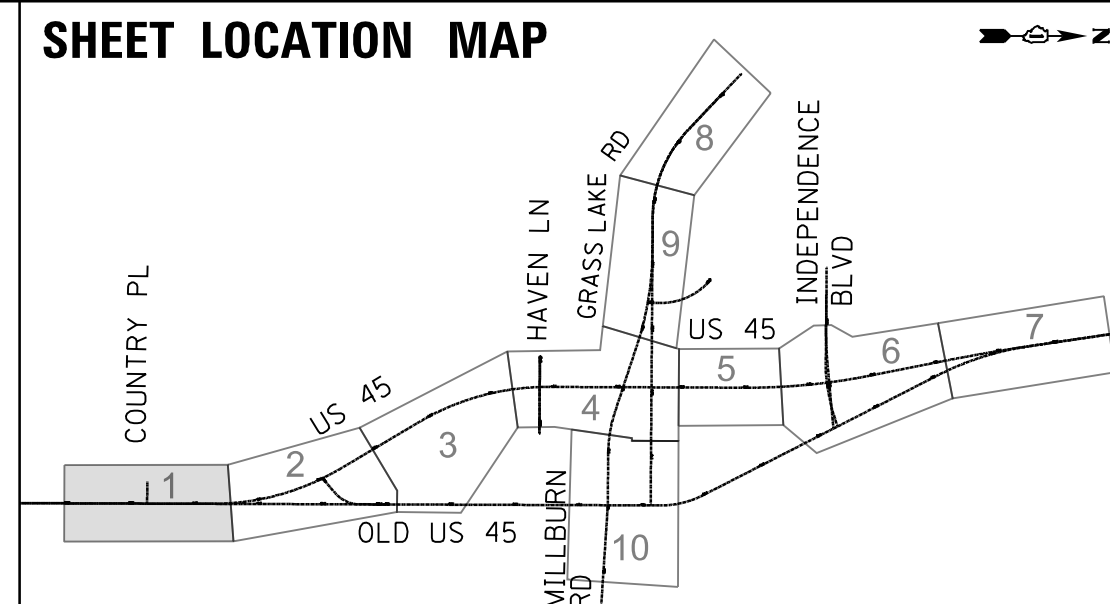
**MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS**
 SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	87
CONTRACT NO. 60T75			ILLINOIS FED. AID PROJECT	

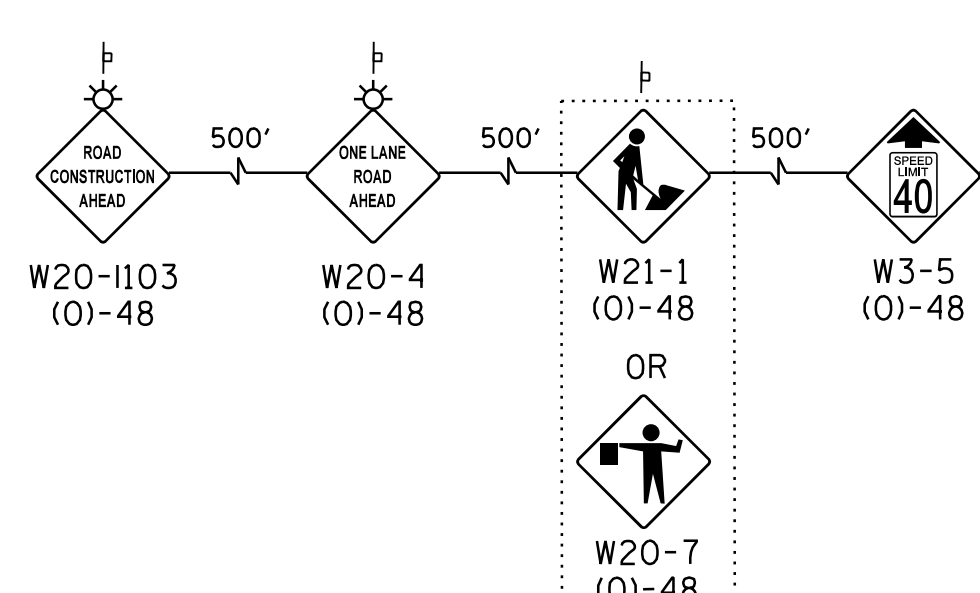
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TEMPORARY PAVEMENT AND/OR ROADWAY CONSTRUCTION SHALL BE COMPLETED ON ONE SIDE OF US ROUTE 45 AT A TIME. TEMPORARY ROADWAY SHALL BE WIDE ENOUGH TO PROVIDE FOR ONE LANE PASSABLE AT ALL TIMES IN THE EVENT A LANE MUST BE CLOSED FOR ANY REASON.



W21-1115(0)-3618
R2-1-3648
R10-1108P-3618
R2-1106P-3618

NOTE: W21-1 AND/OR W20-7(0)-48 MUST BE REMOVED WHEN FLAGGER OR WORKER ARE NOT PRESENT FOR MORE THAN ONE HOUR

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL DEVICE
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER

MAINTENANCE OF TRAFFIC PAVEMENT MARKING

- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
- ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
- ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
- ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
- ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)

MAINTENANCE OF TRAFFIC SIGNING

- X REMOVE EXISTING SIGN
- R RELOCATE EXISTING SIGN
- C COVER EXISTING SIGN

USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**

SCALE: 1"=50' SHEET 1 OF 10 SHEETS STA. 100+00 TO STA. 113+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	88
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL DEVICE
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER

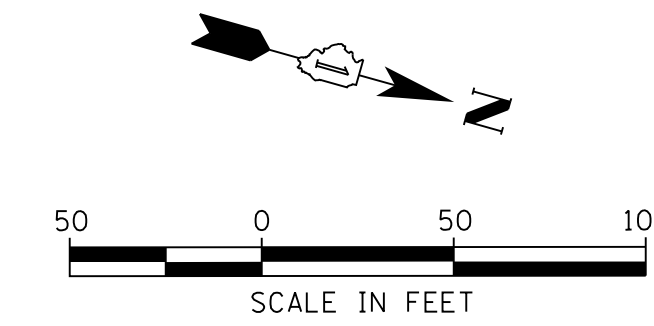
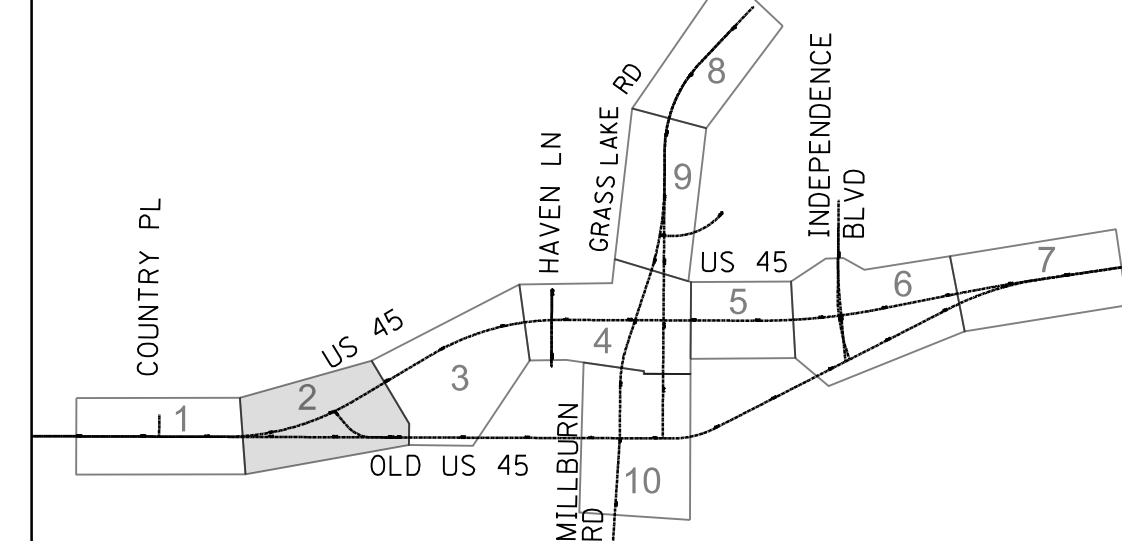
MAINTENANCE OF TRAFFIC PAVEMENT MARKING

- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
- ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
- ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
- ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
- ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)

MAINTENANCE OF TRAFFIC SIGNING

- (X) REMOVE EXISTING SIGN
- (R) RELOCATE EXISTING SIGN
- (C) COVER EXISTING SIGN

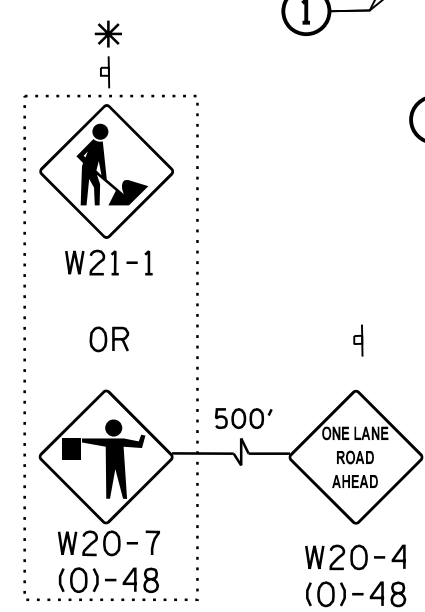
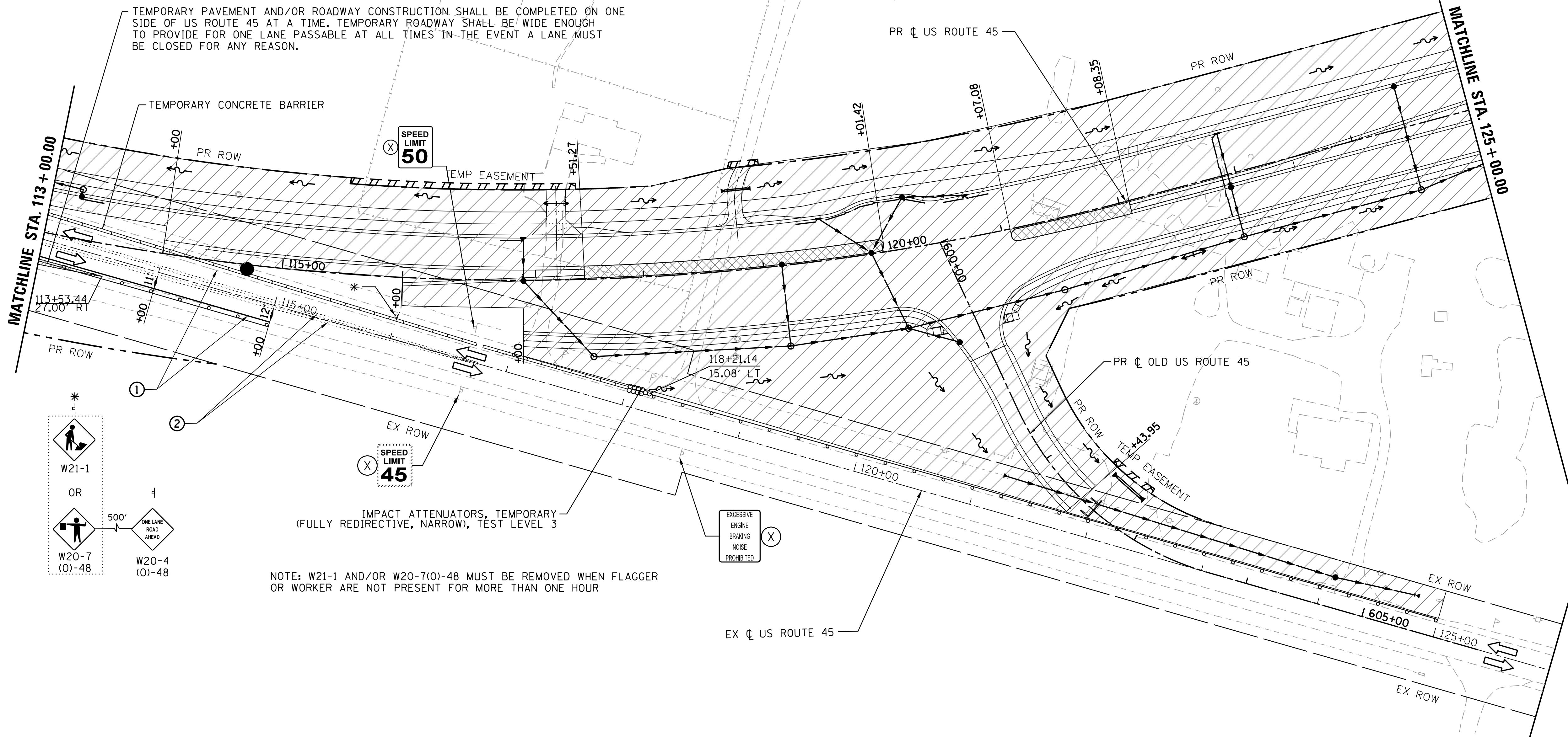
SHEET LOCATION MAP



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

FILE NAME = p:\t\l\ed2\p\m\01\person\com\illinois\State\Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\DI60775.sht.MOTL_02.dgn



TEMPORARY PAVEMENT AND/OR ROADWAY CONSTRUCTION SHALL BE COMPLETED ON ONE SIDE OF US ROUTE 45 AT A TIME. TEMPORARY ROADWAY SHALL BE WIDE ENOUGH TO PROVIDE FOR ONE LANE PASSABLE AT ALL TIMES IN THE EVENT A LANE MUST BE CLOSED FOR ANY REASON.

NOTE: W21-1 AND/OR W20-7(O)-48 MUST BE REMOVED WHEN FLAGGER OR WORKER ARE NOT PRESENT FOR MORE THAN ONE HOUR

USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 50.0000' / 1"	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

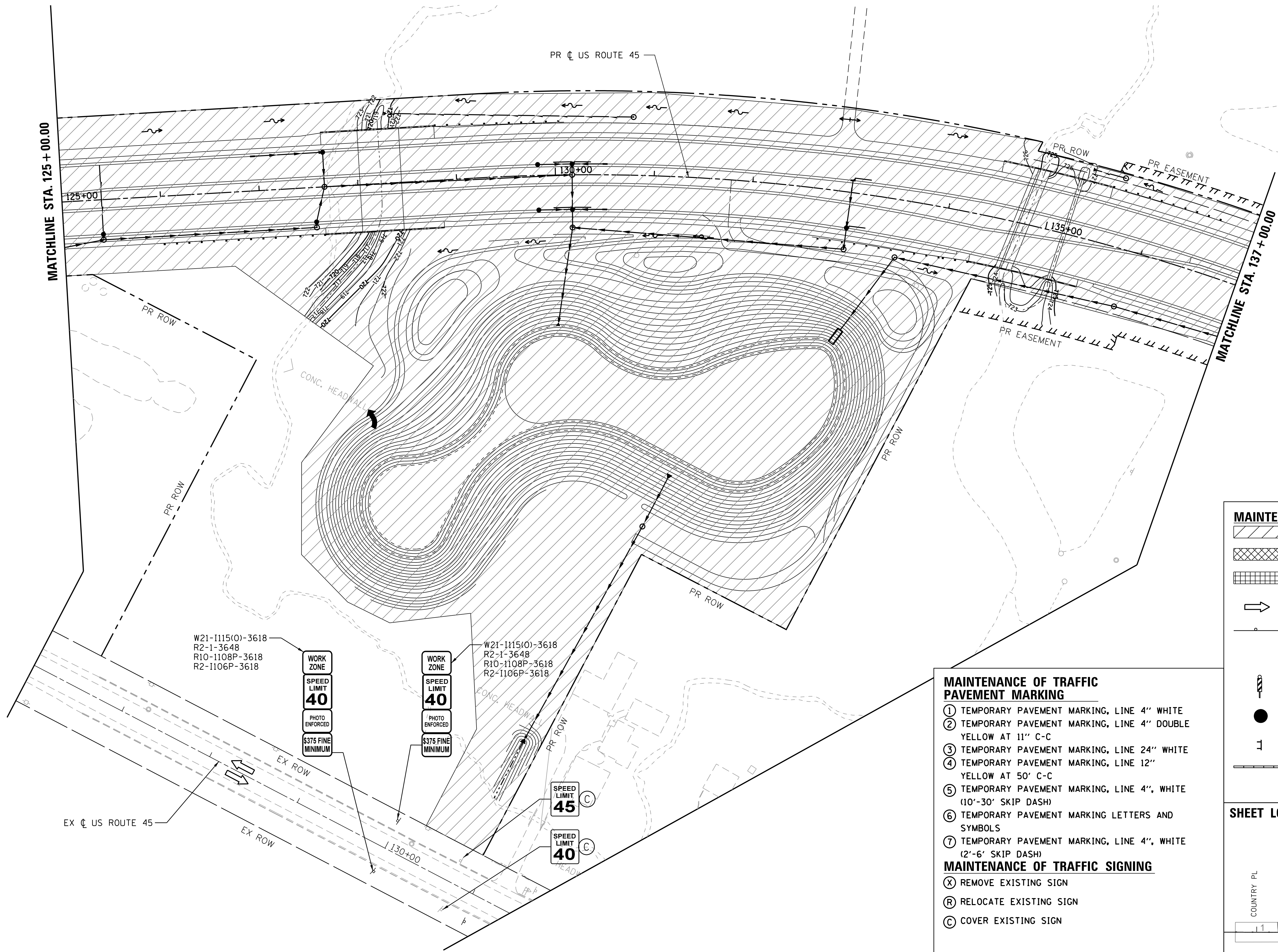
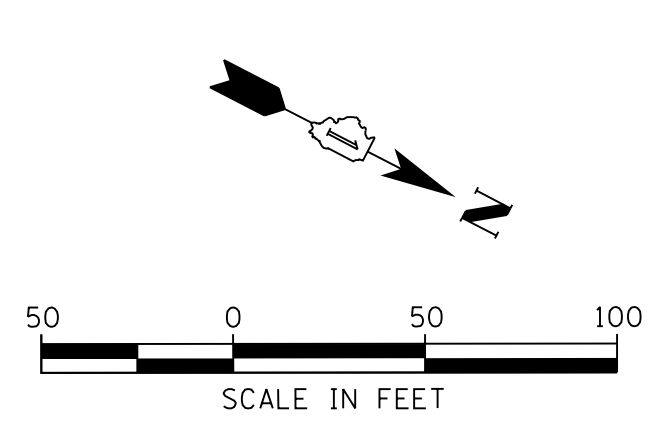
**MAINTENANCE OF TRAFFIC
STAGE 1**
SCALE: 1"=50' SHEET 2 OF 10 SHEETS STA. 113+00 TO STA. 125+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	89
				CONTRACT NO. 60T75
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
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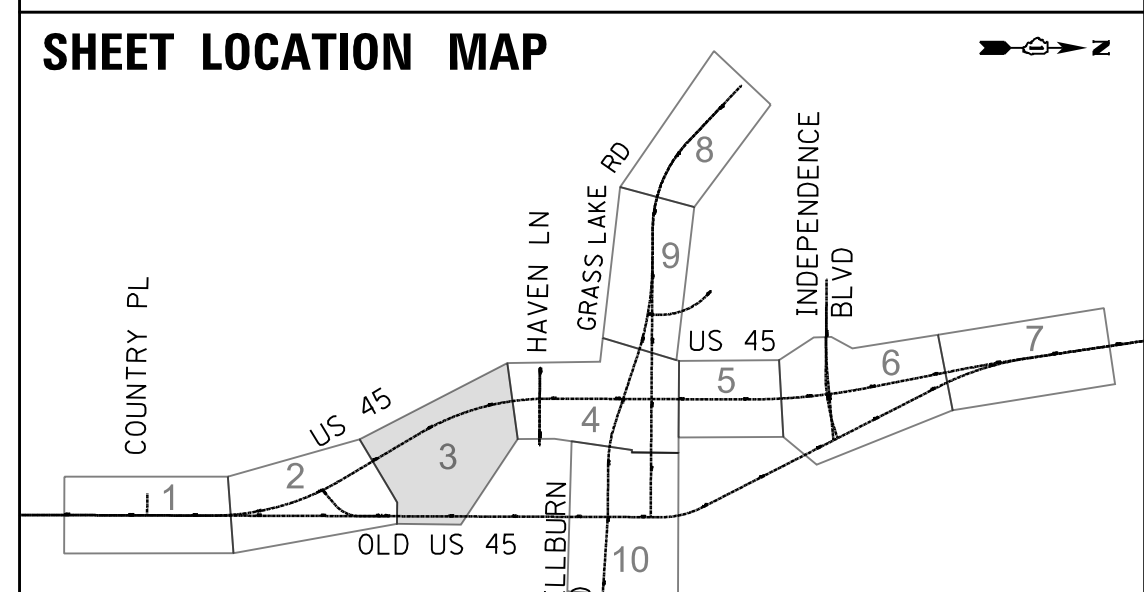
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATRS		
	CHKD		
	NO.		
	NO.		

FILE NAME = p:\t\l\ed2\p\person\com\illinois\State\Documents\US45 - 647985\48 - Design\CAD\Roadway\Sheet\DI68775.sht.MOTL_03.dgn



- ### MAINTENANCE OF TRAFFIC LEGEND
- WORK ZONE
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
 - TRAFFIC FLOW
 - TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
 - DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
 - FLAGGER WITH TRAFFIC CONTROL DEVICE
 - TYPE III BARRICADE
 - TEMPORARY CONCRETE BARRIER

- ### MAINTENANCE OF TRAFFIC PAVEMENT MARKING
- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
 - ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
 - ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
 - ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
 - ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
 - ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
 - ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)
- ### MAINTENANCE OF TRAFFIC SIGNING
- ⓧ REMOVE EXISTING SIGN
 - Ⓡ RELOCATE EXISTING SIGN
 - Ⓒ COVER EXISTING SIGN

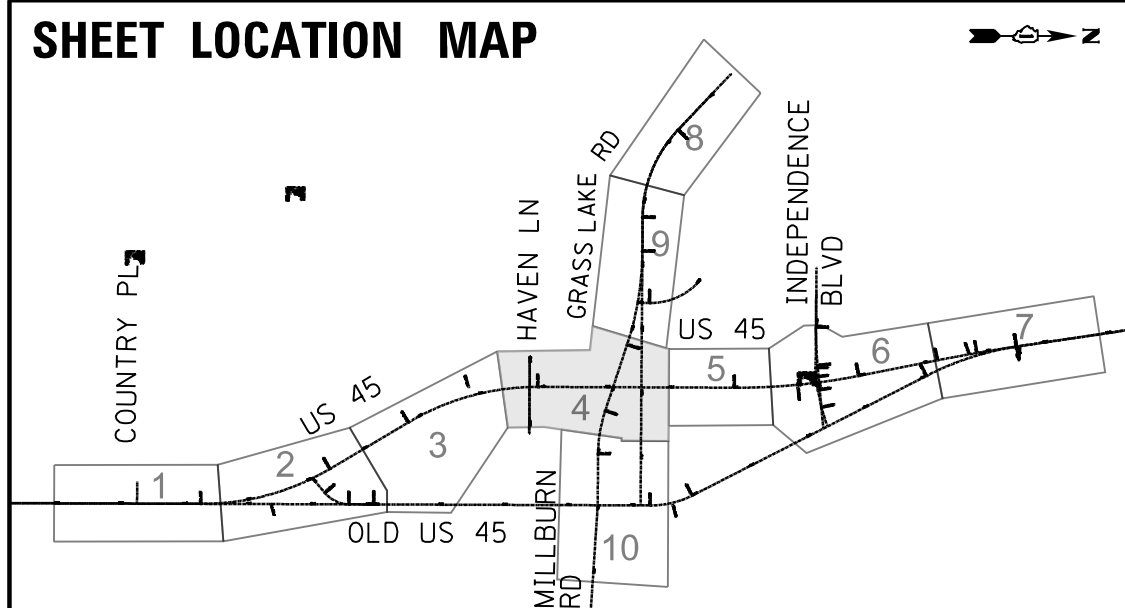


USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**
SCALE: 1"=50' SHEET 3 OF 10 SHEETS STA. 125+00 TO STA. 137+00

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 90
CONTRACT NO. 60T75				ILLINOIS FED. AID PROJECT



MAINTENANCE OF TRAFFIC PAVEMENT MARKING

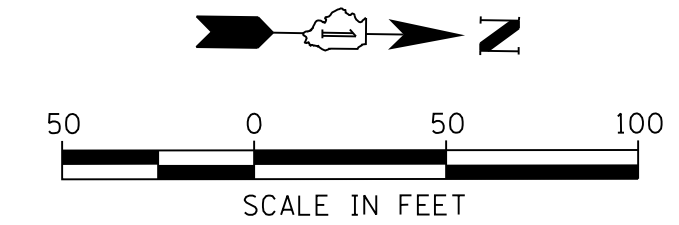
- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
- ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
- ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
- ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
- ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)

MAINTENANCE OF TRAFFIC SIGNING

- ⓧ REMOVE EXISTING SIGN
- Ⓡ RELOCATE EXISTING SIGN
- Ⓢ COVER EXISTING SIGN

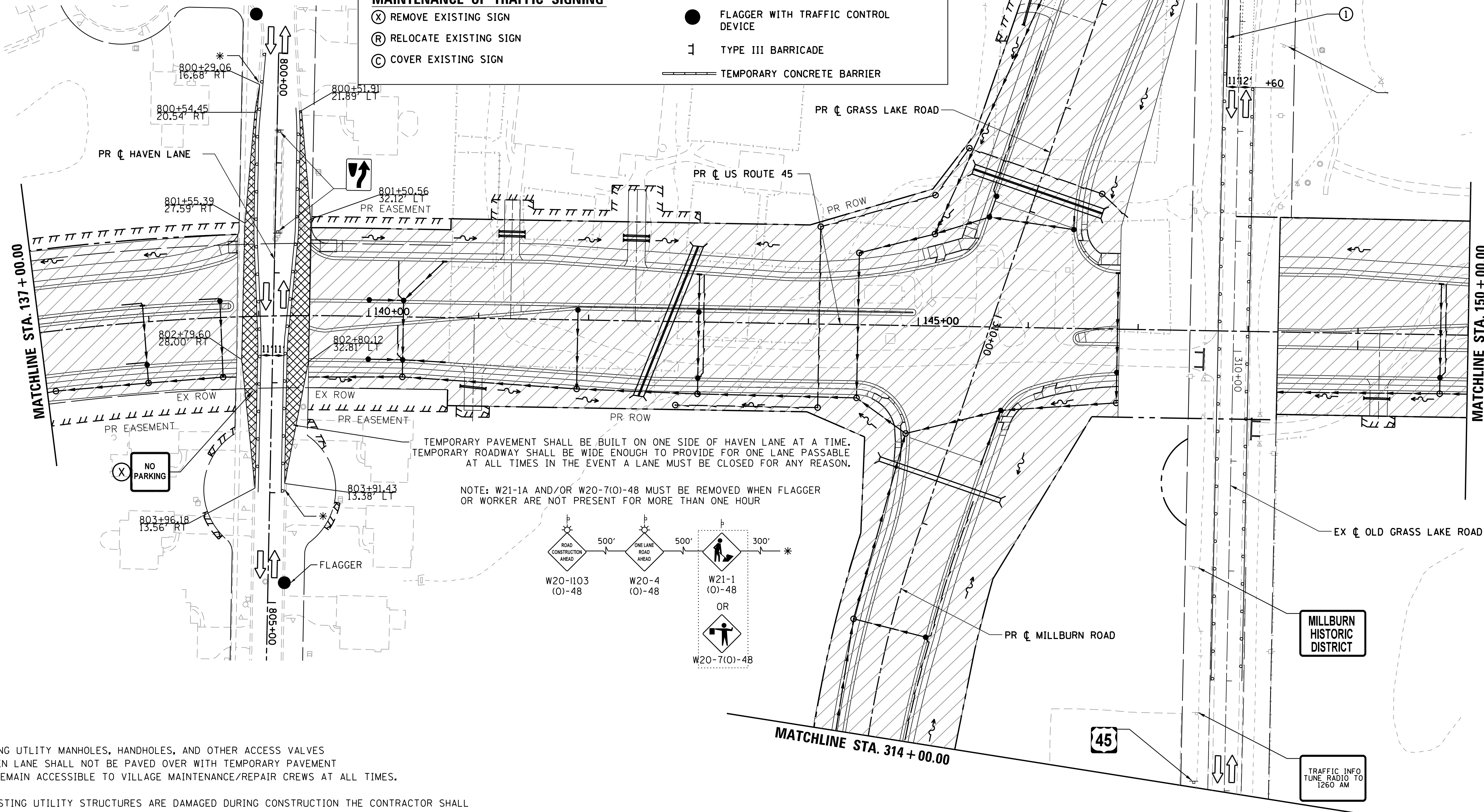
MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL DEVICE
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER



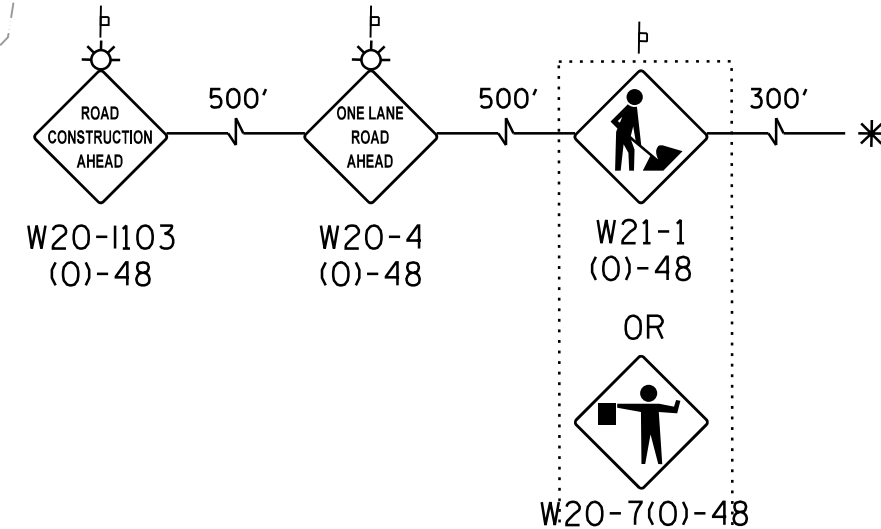
PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATRS	
	CHKD	
	NO.	



TEMPORARY PAVEMENT SHALL BE BUILT ON ONE SIDE OF HAVEN LANE AT A TIME. TEMPORARY ROADWAY SHALL BE WIDE ENOUGH TO PROVIDE FOR ONE LANE PASSABLE AT ALL TIMES IN THE EVENT A LANE MUST BE CLOSED FOR ANY REASON.

NOTE: W21-1A AND/OR W20-7(O)-48 MUST BE REMOVED WHEN FLAGGER OR WORKER ARE NOT PRESENT FOR MORE THAN ONE HOUR



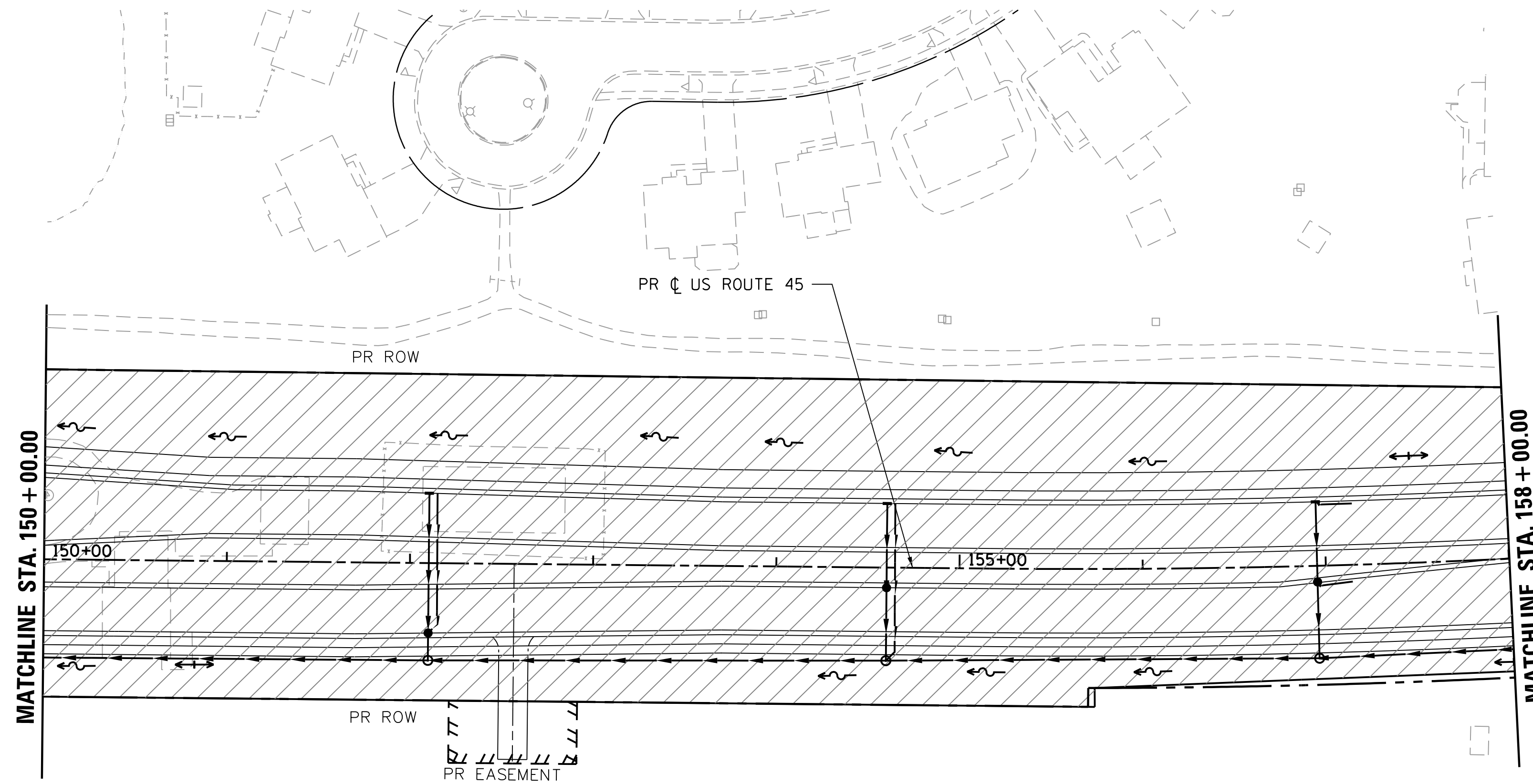
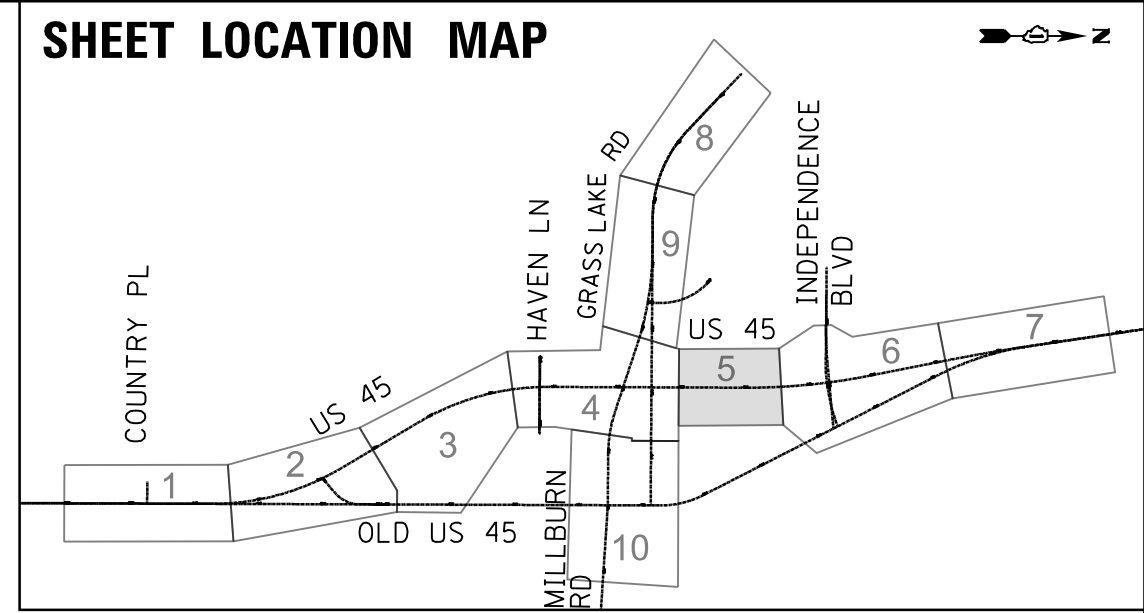
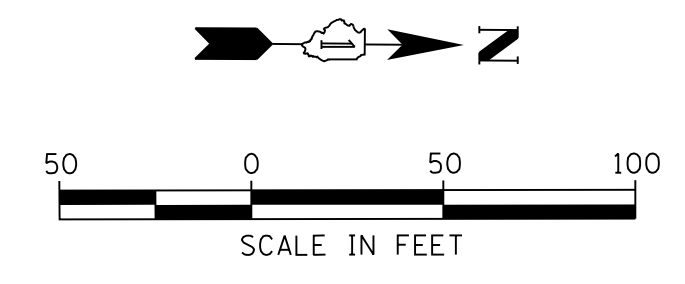
- NOTE:
- ALL EXISTING UTILITY MANHOLES, HANDHOLES, AND OTHER ACCESS VALVES ALONG HAVEN LANE SHALL NOT BE PAVED OVER WITH TEMPORARY PAVEMENT AND WILL REMAIN ACCESSIBLE TO VILLAGE MAINTENANCE/REPAIR CREWS AT ALL TIMES.
 - IF ANY EXISTING UTILITY STRUCTURES ARE DAMAGED DURING CONSTRUCTION THE CONTRACTOR SHALL IMMEDIATELY REMOVE ANY DEBRIS THAT HAS ENTERED THE MANHOLE, VAULT, B-BOX, ETC. AND MAKE REPAIRS SUCH THAT EACH STRUCTURE IS ONCE AGAIN ACCESSIBLE.

USER NAME = 35361	DESIGNED MO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1				F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 91
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED		SCALE: 1"=50'	SHEET 4	OF 10 SHEETS	STA. 137+00	TO STA. 150+00	CONTRACT NO. 60T75			
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED		ILLINOIS FED. AID PROJECT								

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATRS		
	CHKD		
	NO.		

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MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL DEVICE
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER

MAINTENANCE OF TRAFFIC PAVEMENT MARKING

- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
- ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE YELLOW AT 50' C-C
- ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
- ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
- ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
- ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)

MAINTENANCE OF TRAFFIC SIGNING

- ⓧ REMOVE EXISTING SIGN
- Ⓡ RELOCATE EXISTING SIGN
- Ⓢ COVER EXISTING SIGN

USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**

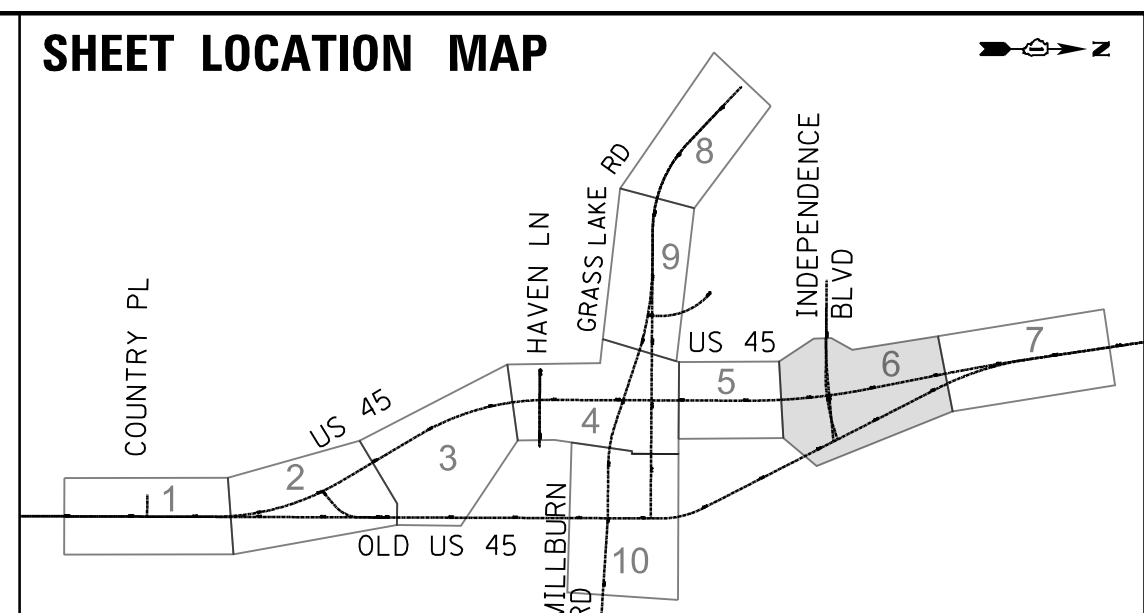
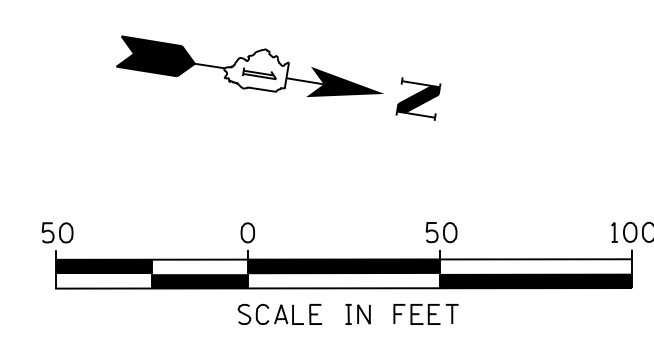
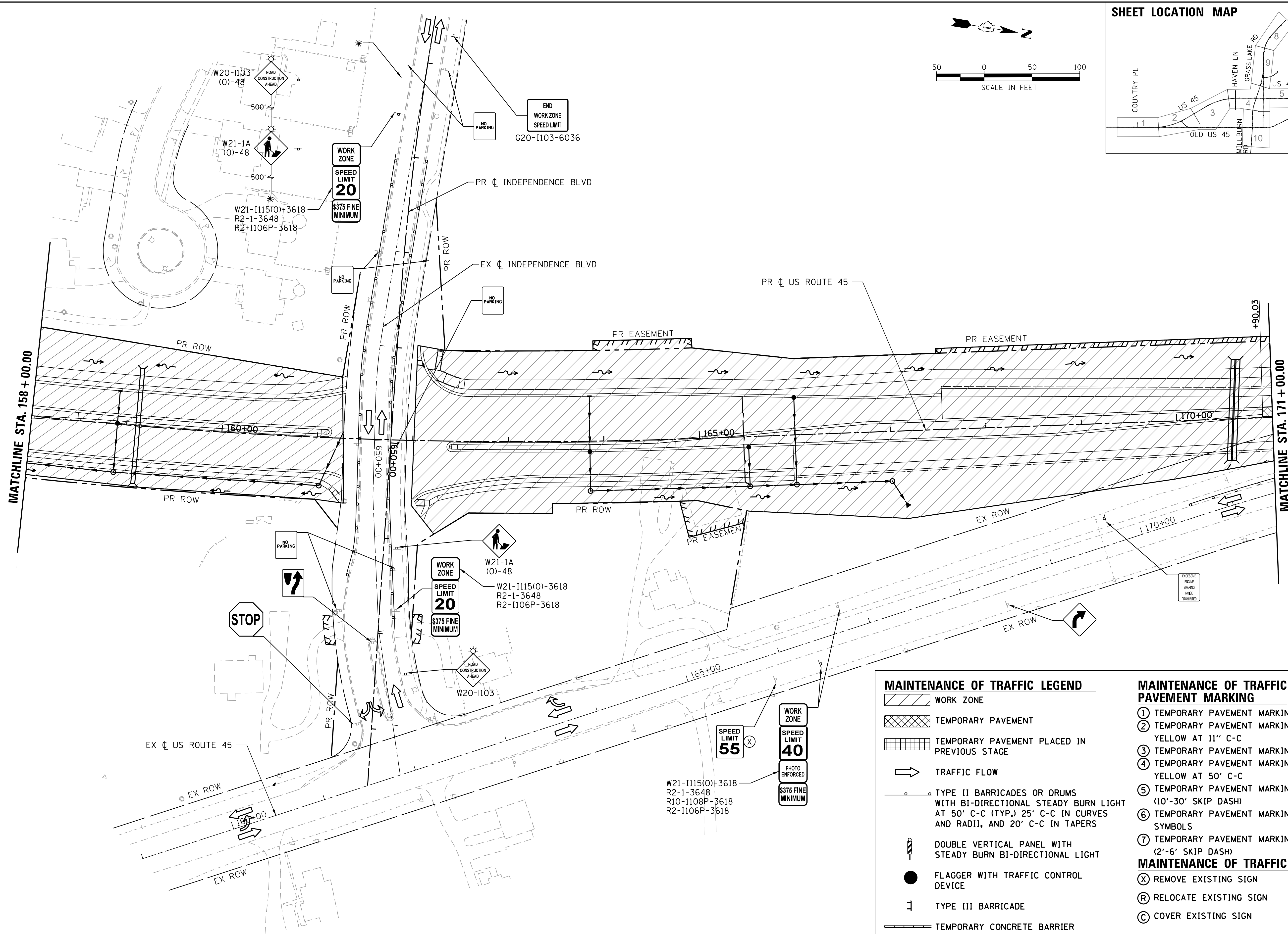
SCALE: 1"=50' SHEET 5 OF 10 SHEETS STA. 150+00 TO STA. 158+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	92
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILE NAME		
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PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
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MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL DEVICE
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER

MAINTENANCE OF TRAFFIC PAVEMENT MARKING

- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
- ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
- ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
- ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
- ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)

MAINTENANCE OF TRAFFIC SIGNING

- (X) REMOVE EXISTING SIGN
- (R) RELOCATE EXISTING SIGN
- (C) COVER EXISTING SIGN

USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**

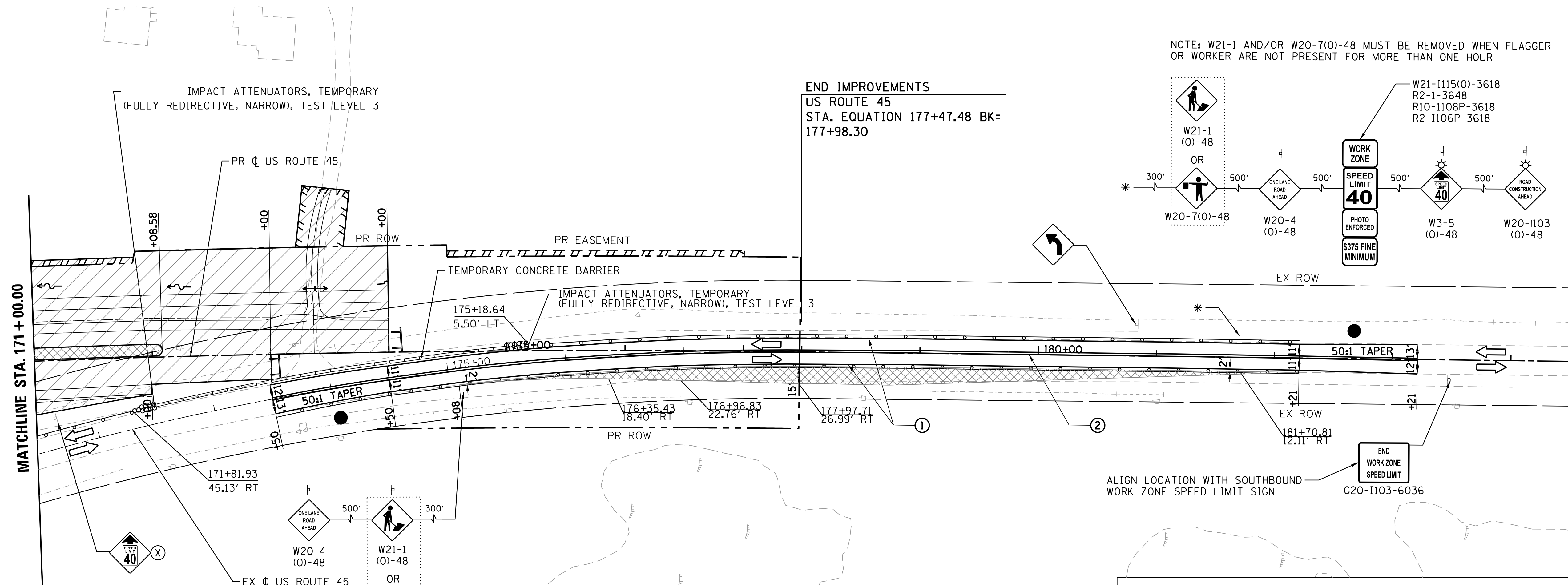
SCALE: 1"=50' SHEET 6 OF 10 SHEETS STA. 158+00 TO STA. 171+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	93
				CONTRACT NO. 60T75
ILLINOIS FED. AID PROJECT				

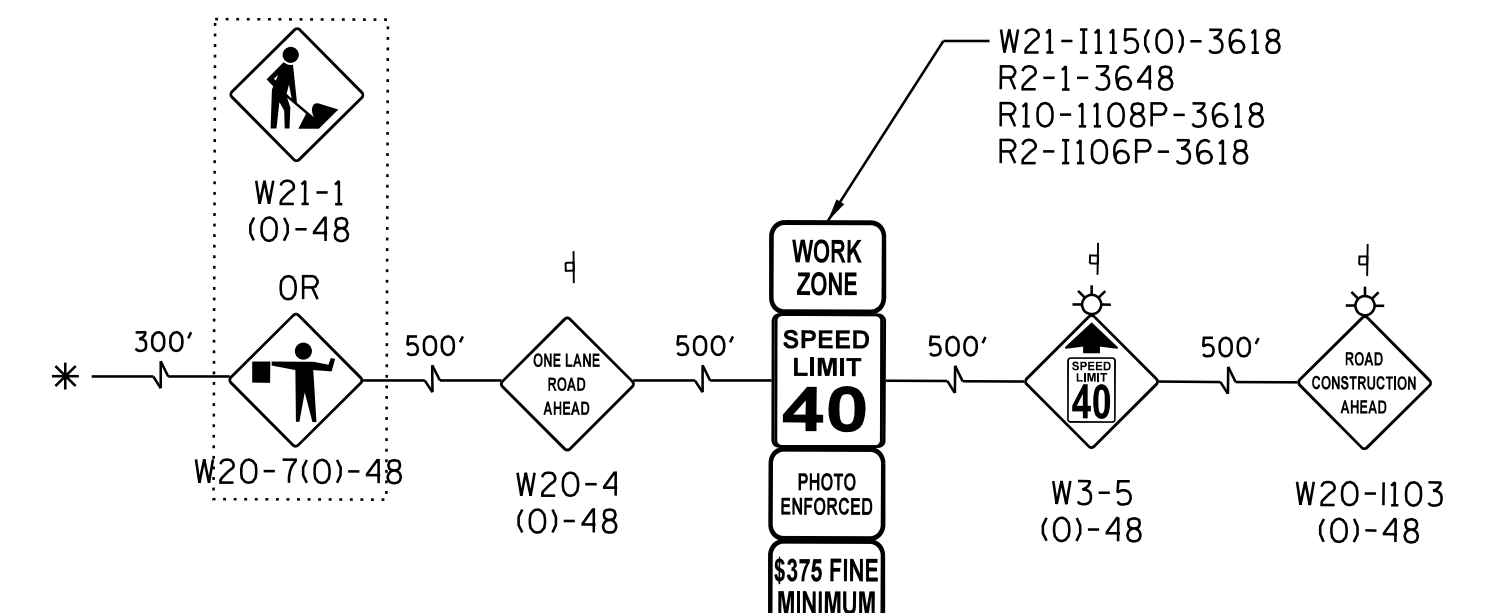
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NOTE: W21-1 AND/OR W20-7(0)-48 MUST BE REMOVED WHEN FLAGGER OR WORKER ARE NOT PRESENT FOR MORE THAN ONE HOUR



MAINTENANCE OF TRAFFIC LEGEND

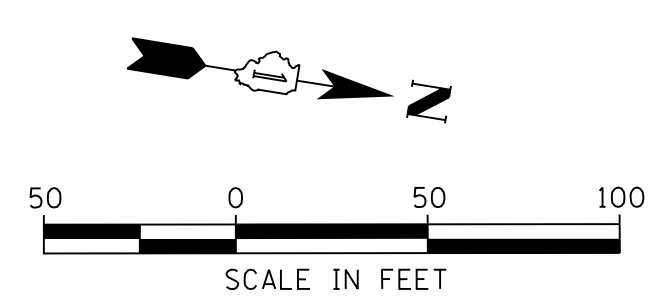
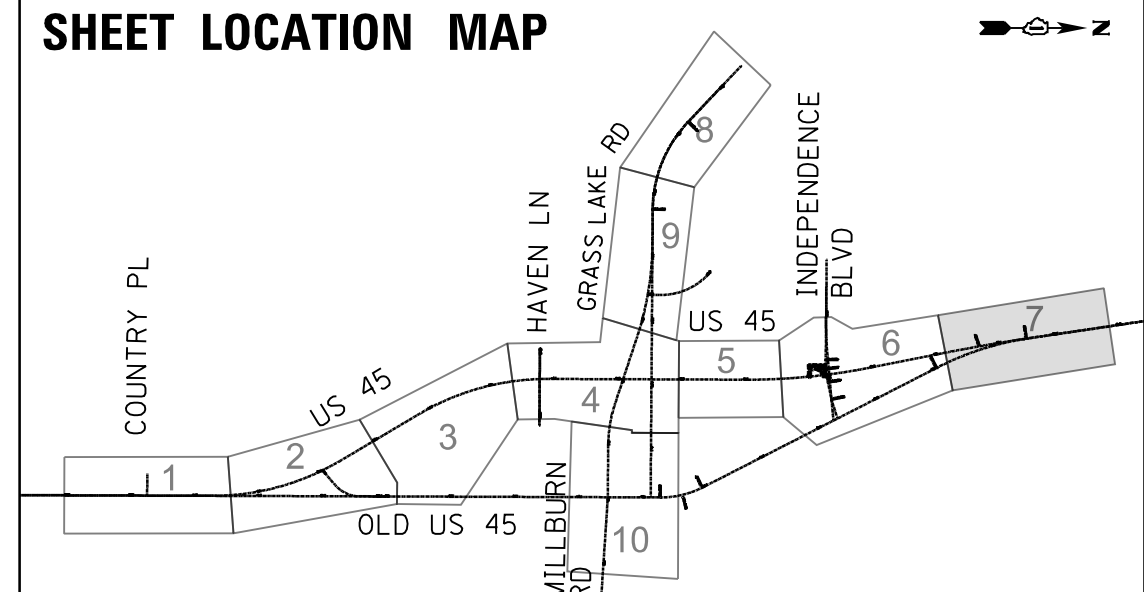
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL DEVICE
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER

MAINTENANCE OF TRAFFIC PAVEMENT MARKING

- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
- ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
- ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
- ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
- ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)

MAINTENANCE OF TRAFFIC SIGNING

- ⓧ REMOVE EXISTING SIGN
- Ⓡ RELOCATE EXISTING SIGN
- Ⓒ COVER EXISTING SIGN



USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1
SCALE: 1"=50' SHEET 7 OF 10 SHEETS STA. 171+00 TO STA. 178+00

F.A.P. RTE. 344	SECTION 39 R	COUNTY LAKE	TOTAL SHEETS 510	SHEET NO. 94
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC LEGEND

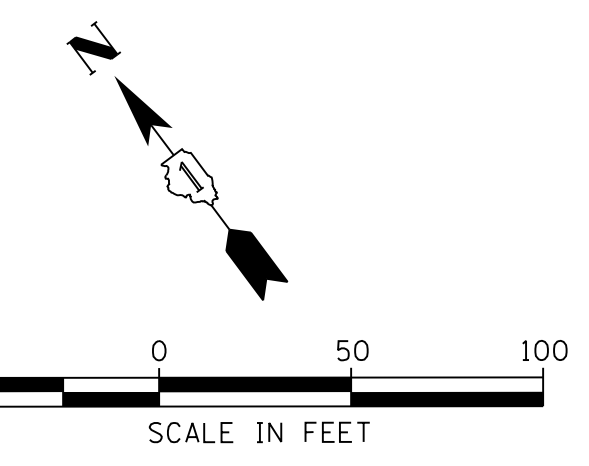
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL DEVICE
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER

MAINTENANCE OF TRAFFIC PAVEMENT MARKING

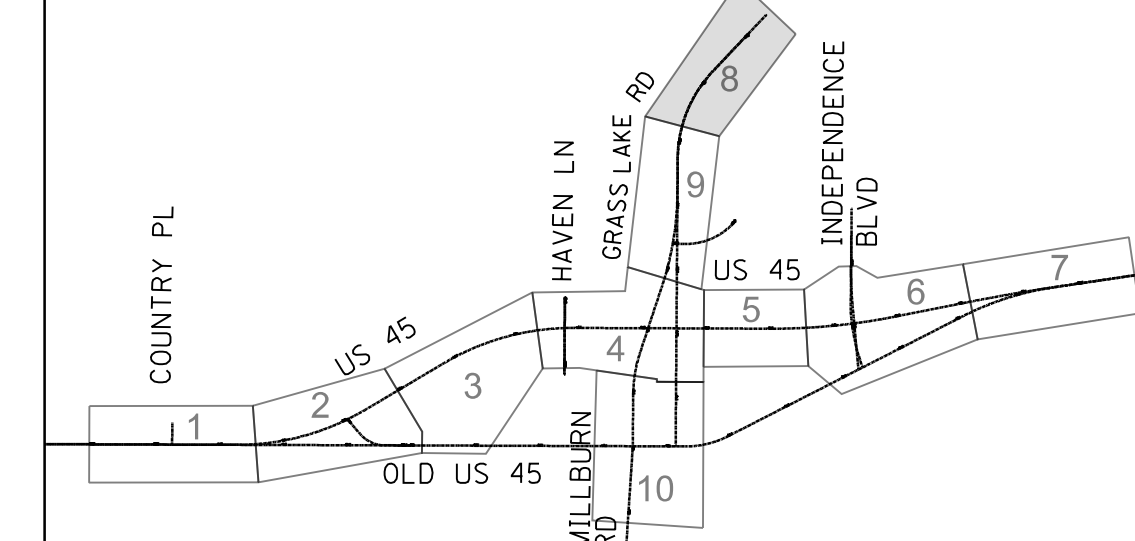
- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
- ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE YELLOW AT 50' C-C
- ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
- ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
- ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
- ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)
- X REMOVE EXISTING SIGN
- R RELOCATE EXISTING SIGN
- C COVER EXISTING SIGN

MAINTENANCE OF TRAFFIC SIGNING

- X REMOVE EXISTING SIGN
- R RELOCATE EXISTING SIGN
- C COVER EXISTING SIGN



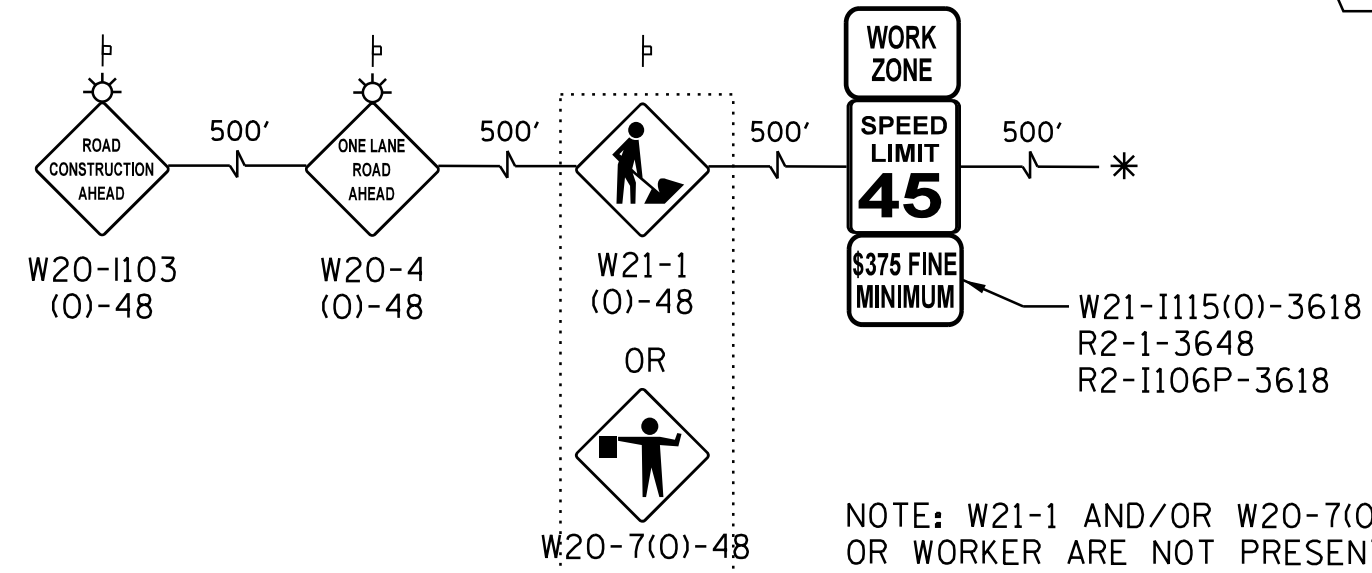
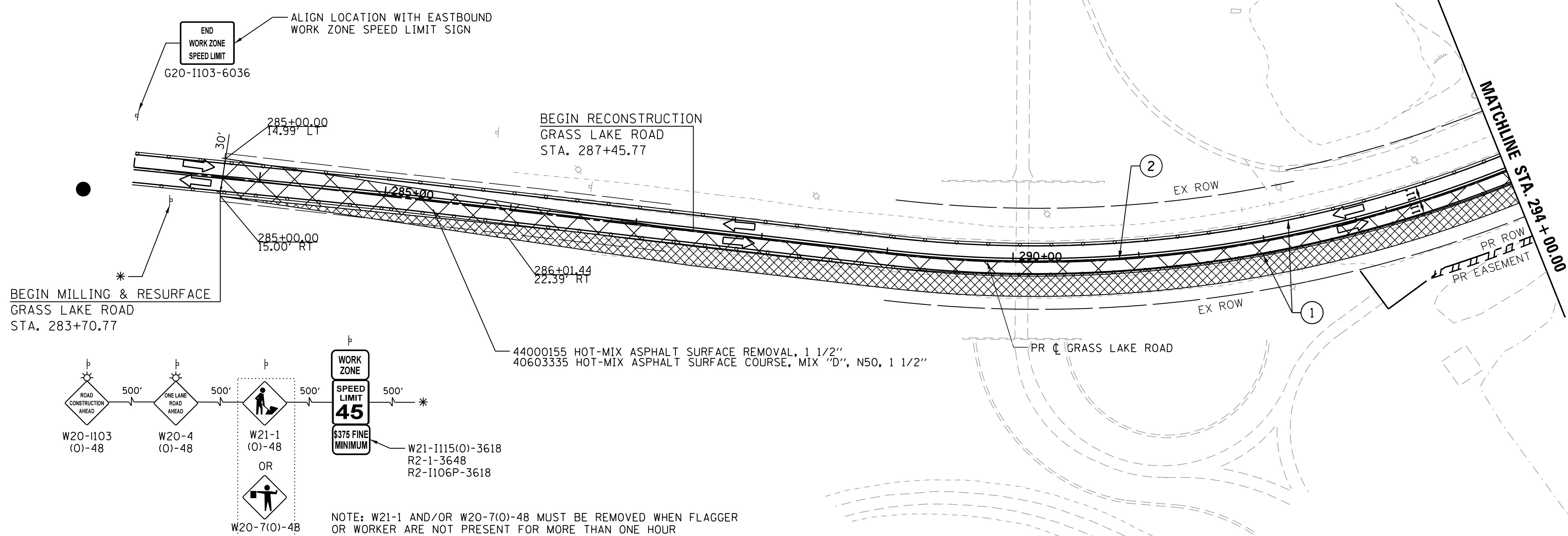
SHEET LOCATION MAP



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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	

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NOTE: W21-1 AND/OR W20-7(0)-48 MUST BE REMOVED WHEN FLAGGER OR WORKER ARE NOT PRESENT FOR MORE THAN ONE HOUR

USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 1		
SCALE: 1"=50'	SHEET 8 OF 10 SHEETS	STA. 287+50 TO STA. 294+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	95
				CONTRACT NO. 60T75
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL DEVICE
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER

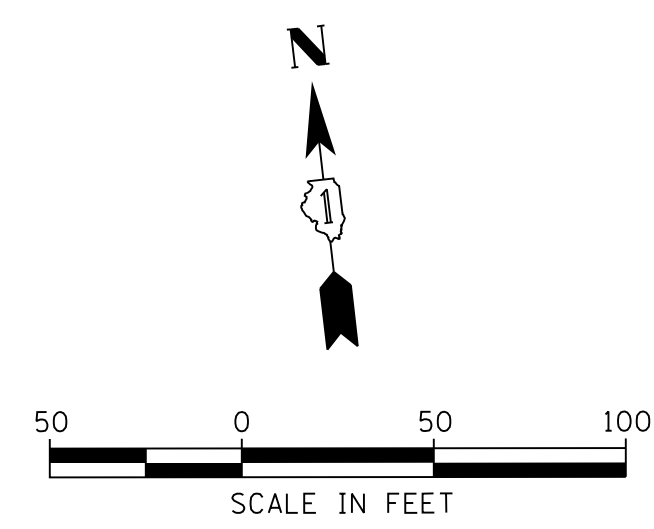
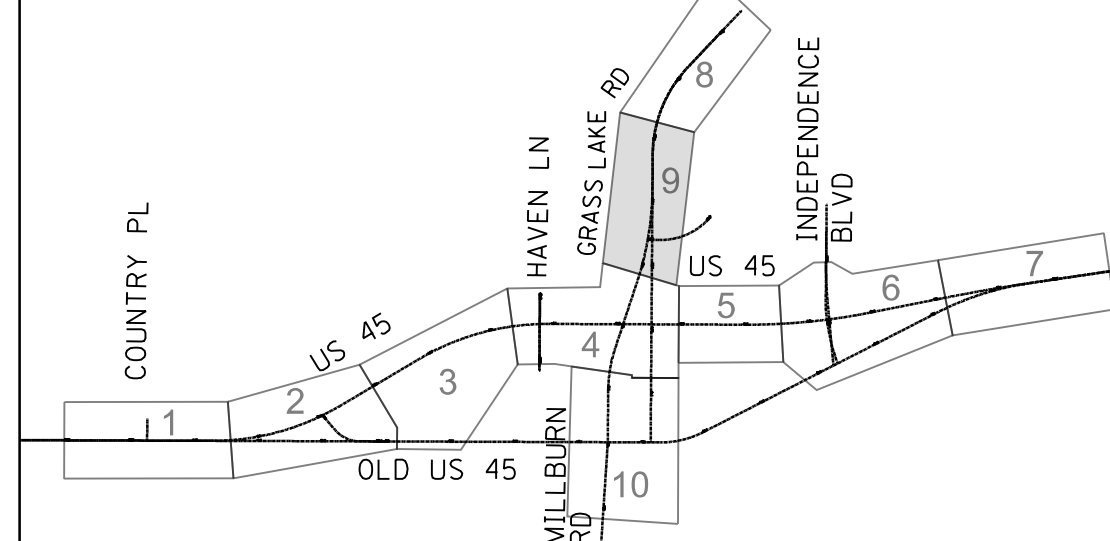
MAINTENANCE OF TRAFFIC PAVEMENT MARKING

- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
- ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
- ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
- ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
- ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)

MAINTENANCE OF TRAFFIC SIGNING

- (X) REMOVE EXISTING SIGN
- (R) RELOCATE EXISTING SIGN
- (C) COVER EXISTING SIGN

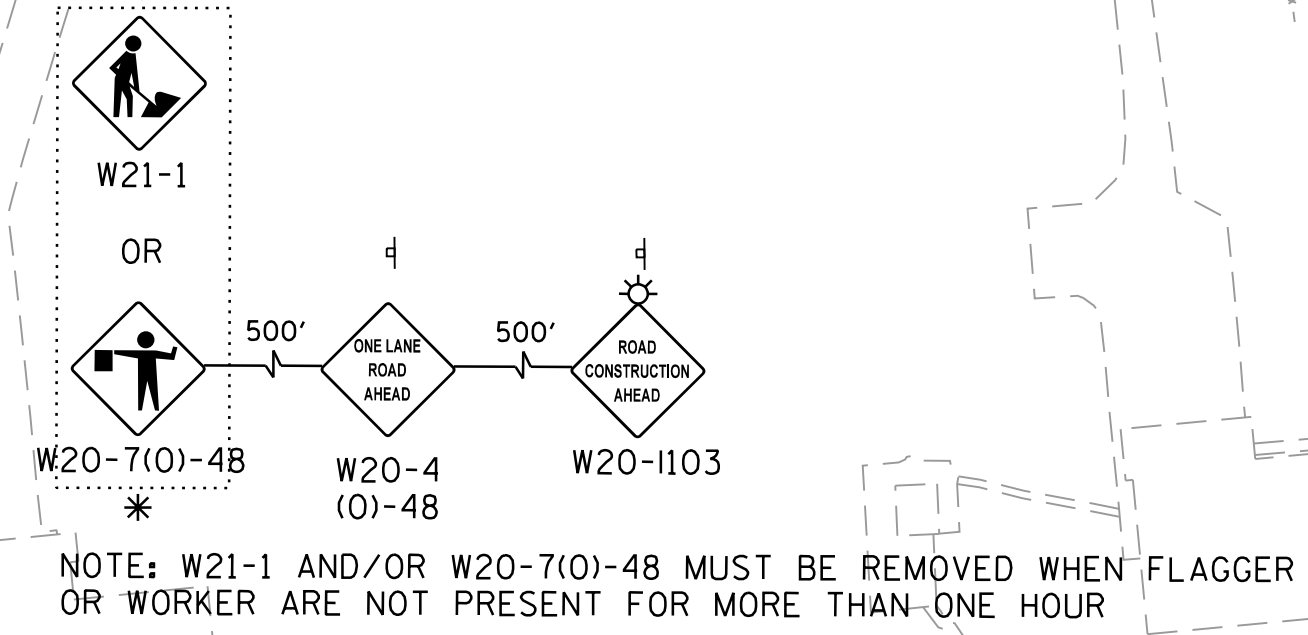
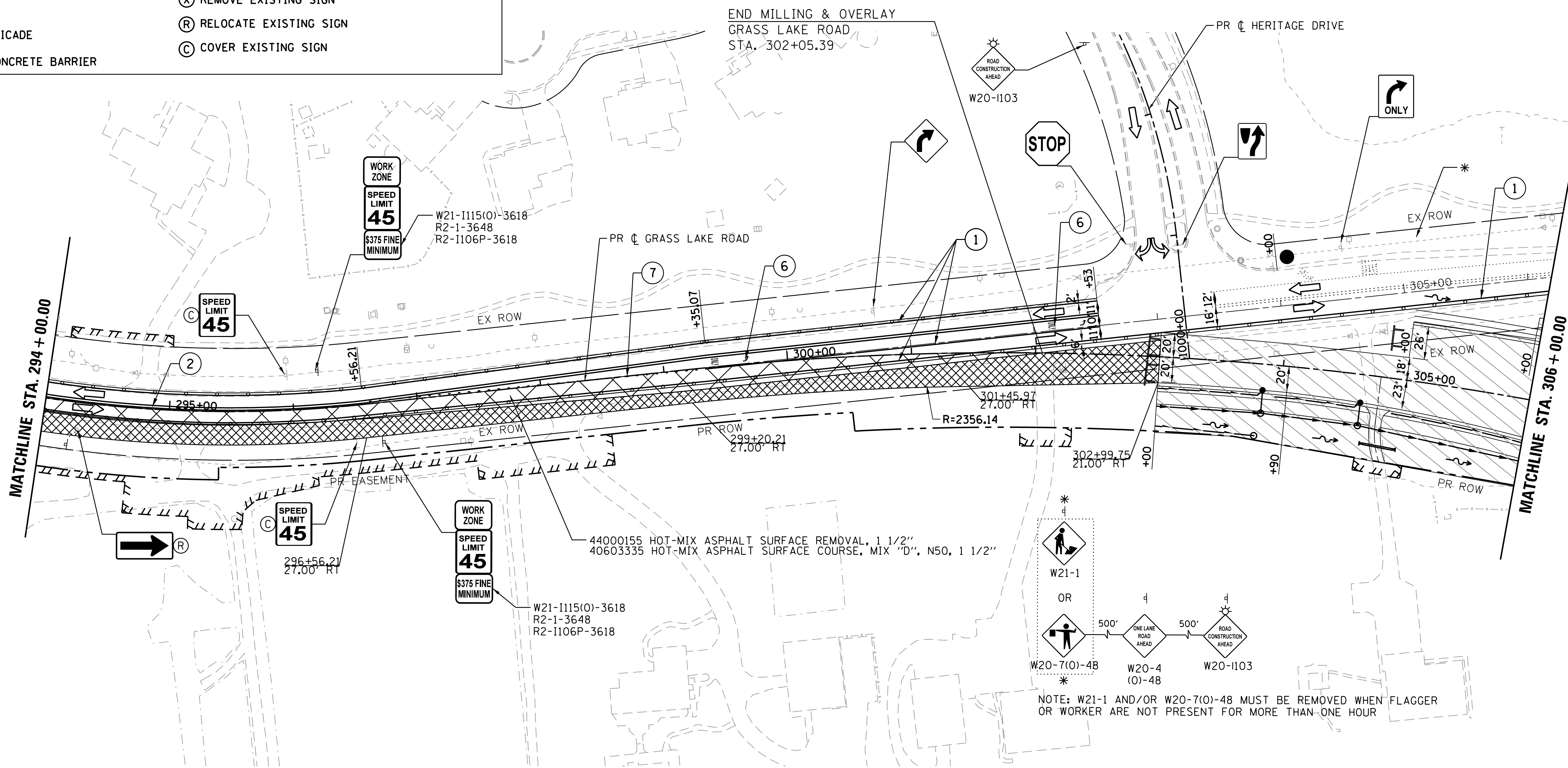
SHEET LOCATION MAP



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

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

FILE NAME = p:\t\l\ed2\p\m\02\person\com\illinois\State Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\DI60775-sh1-MOTL_09.dgn



USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**

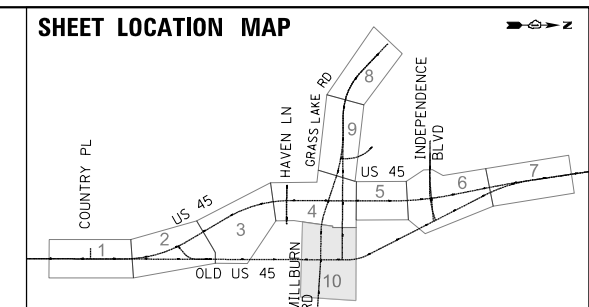
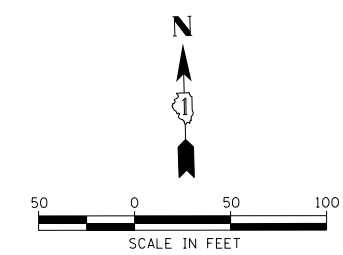
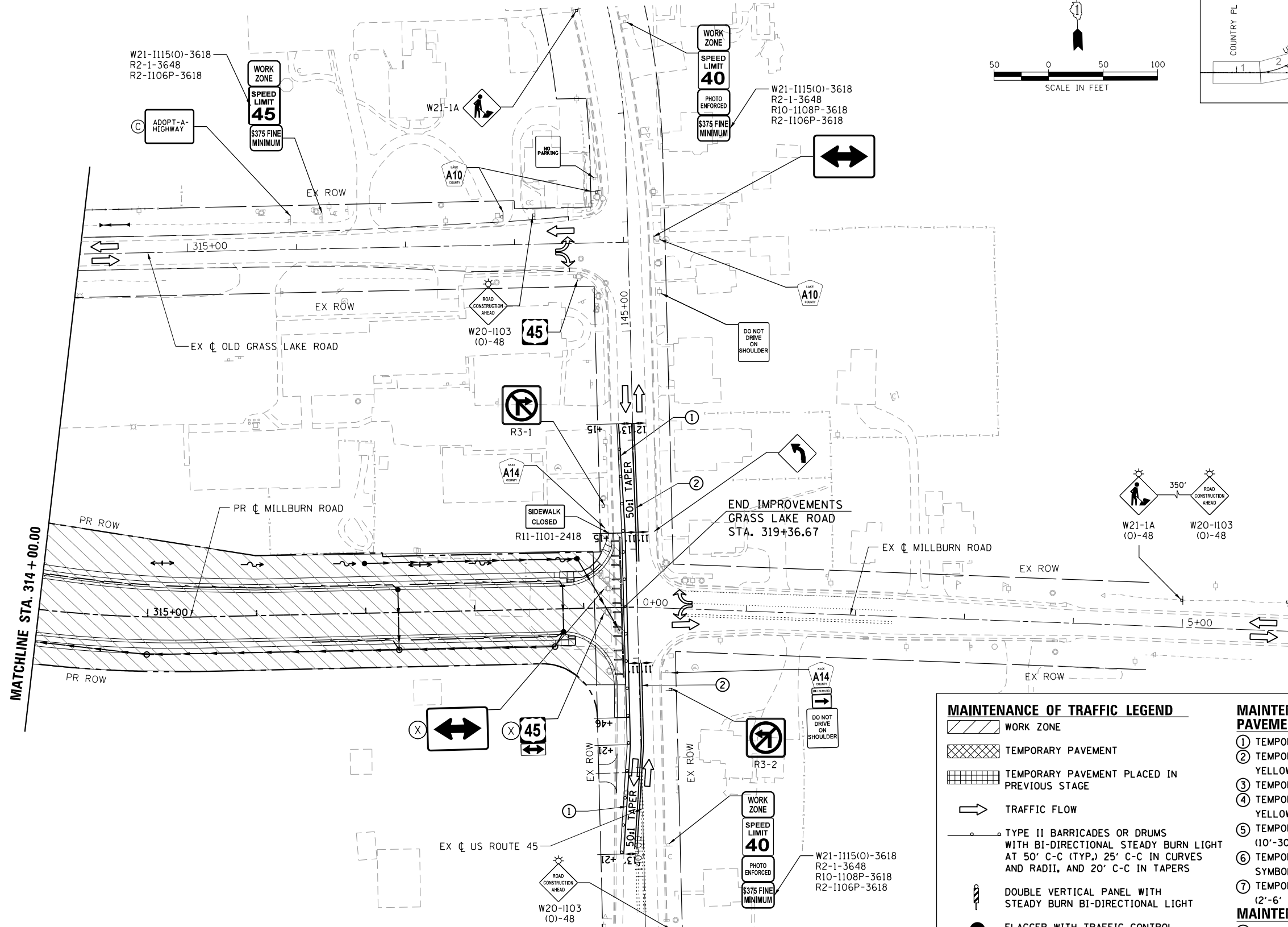
SCALE: 1"=50' SHEET 9 OF 10 SHEETS STA. 294+00 TO STA. 304+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	96
				CONTRACT NO. 60T75
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = p:\w\1115(0)-3618\1115(0)-3618.dwg



MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL DEVICE
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER

MAINTENANCE OF TRAFFIC PAVEMENT MARKING

- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
- ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
- ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
- ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
- ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)

MAINTENANCE OF TRAFFIC SIGNING

- (X) REMOVE EXISTING SIGN
- (R) RELOCATE EXISTING SIGN
- (C) COVER EXISTING SIGN

USER NAME = P0027446	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 100.0000' / 1"	CHECKED FZ	REVISED
PLOT DATE = 3/13/2018	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**

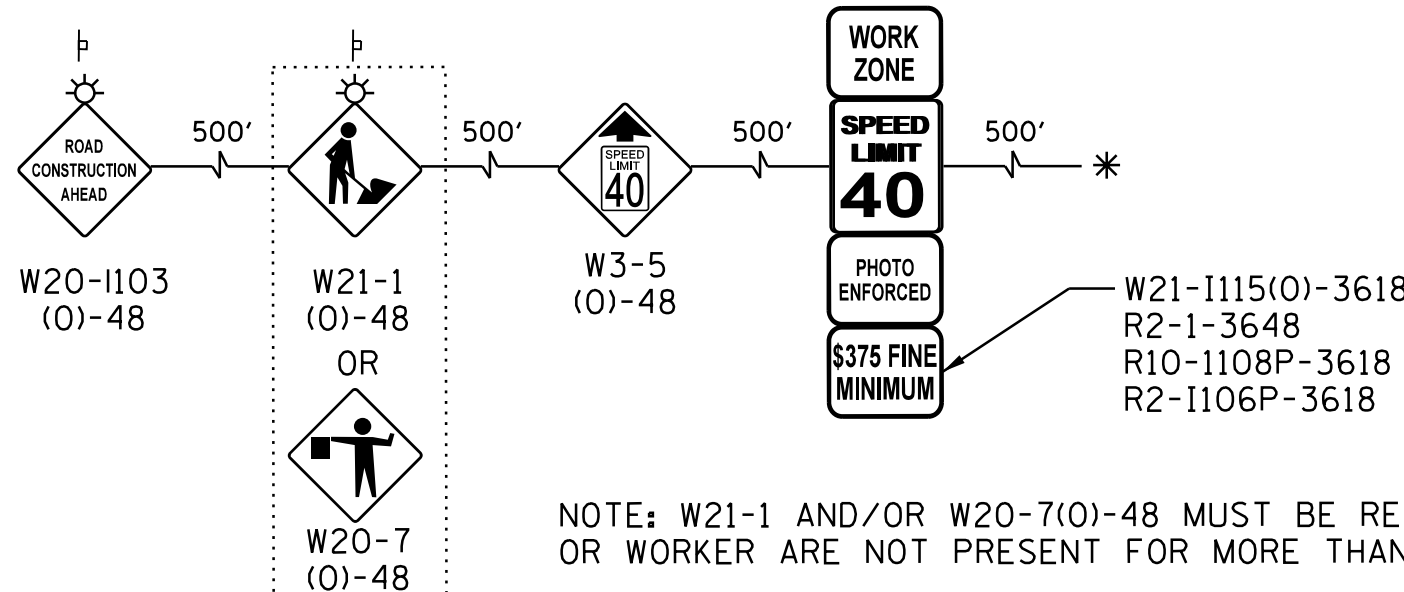
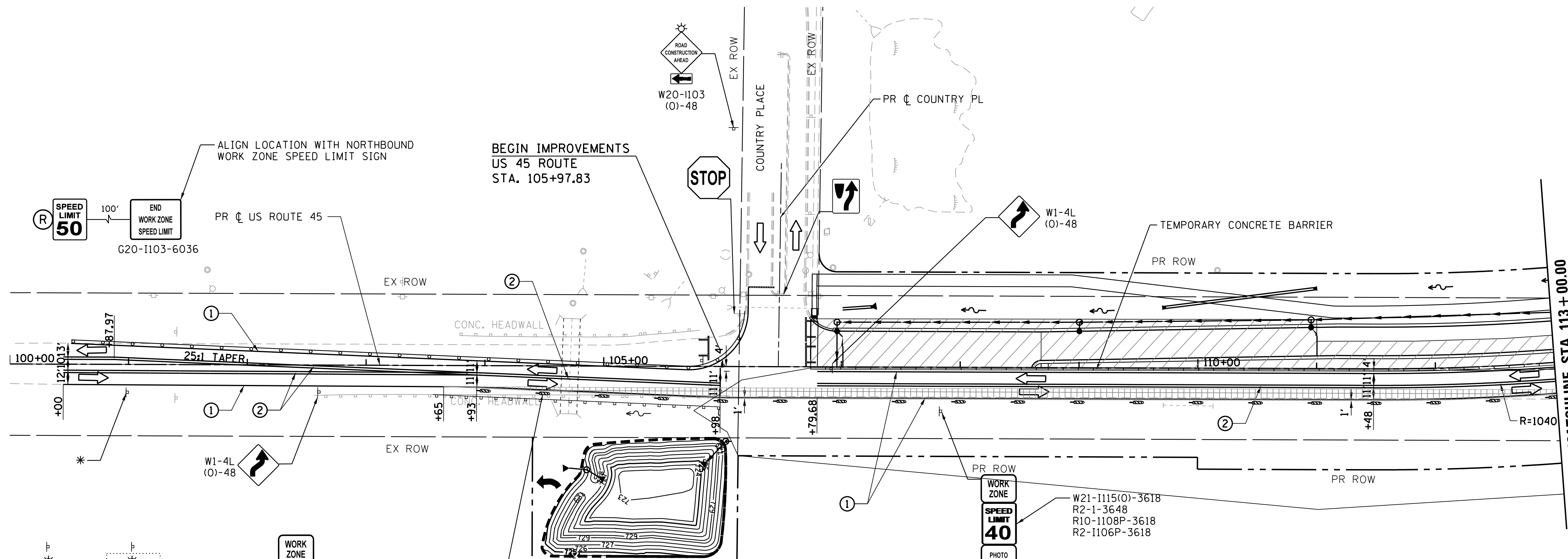
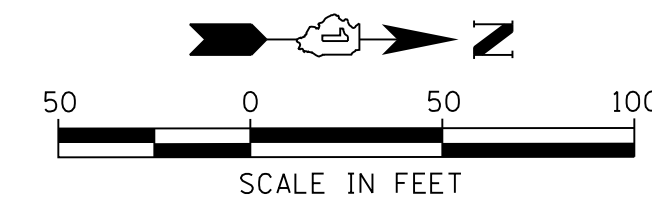
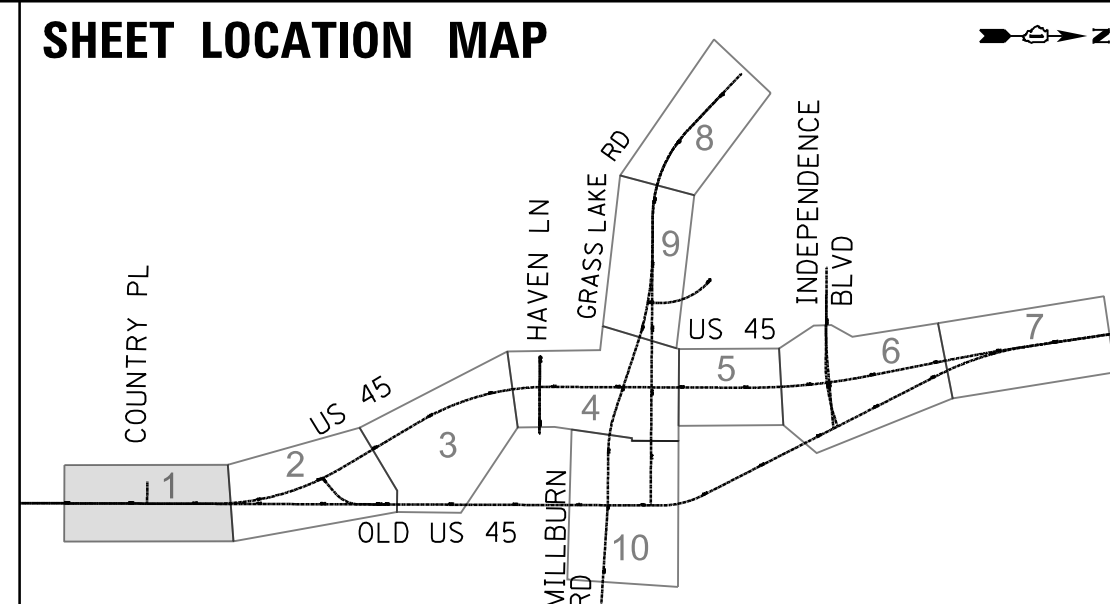
SCALE: 1"=50' SHEET 10 OF 10 SHEETS STA. 314+00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	97
				CONTRACT NO. 60T75
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = p:\t\l\ed2\p\m\01\person\com\illinois\State\Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\160775-sh-1-MOT2.dwg



MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL DEVICE
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER

MAINTENANCE OF TRAFFIC PAVEMENT MARKING

- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
- ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
- ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
- ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
- ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)

MAINTENANCE OF TRAFFIC SIGNING

- ⓧ REMOVE EXISTING SIGN
- Ⓡ RELOCATE EXISTING SIGN
- Ⓢ COVER EXISTING SIGN

USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2**

SCALE: 1"=50' SHEET 1 OF 10 SHEETS STA. 100+00 TO STA. 113+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	98
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL DEVICE
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER

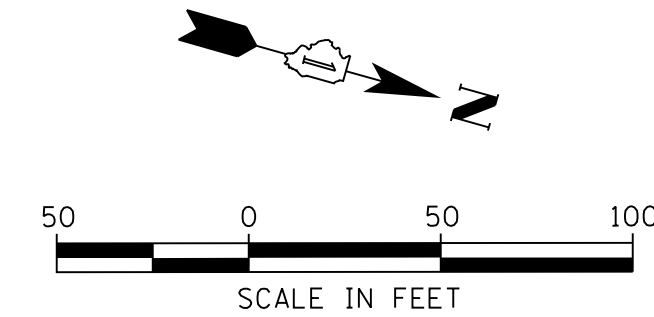
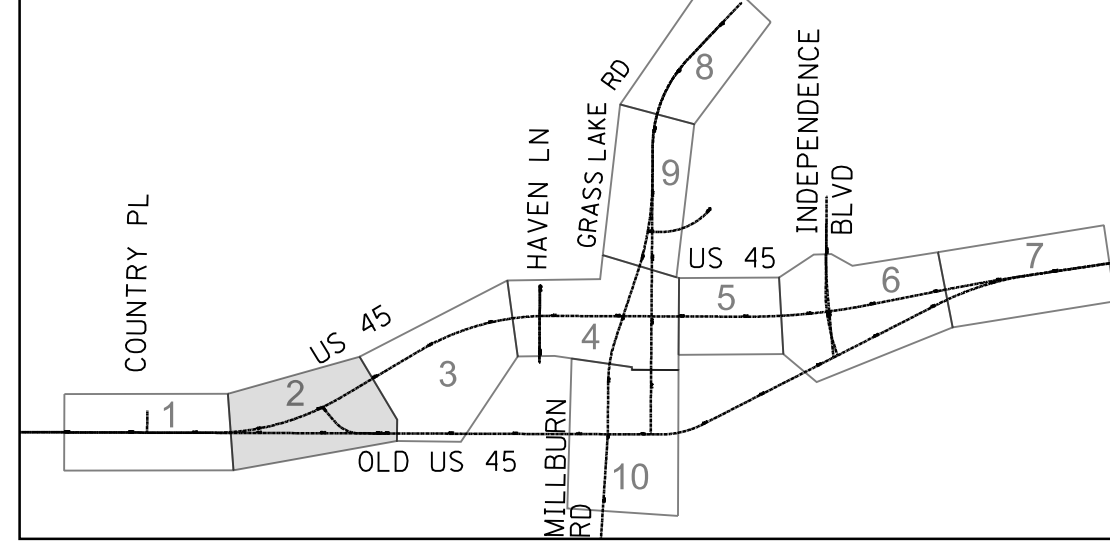
MAINTENANCE OF TRAFFIC PAVEMENT MARKING

- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
- ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
- ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
- ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
- ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)

MAINTENANCE OF TRAFFIC SIGNING

- (X) REMOVE EXISTING SIGN
- (R) RELOCATE EXISTING SIGN
- (C) COVER EXISTING SIGN

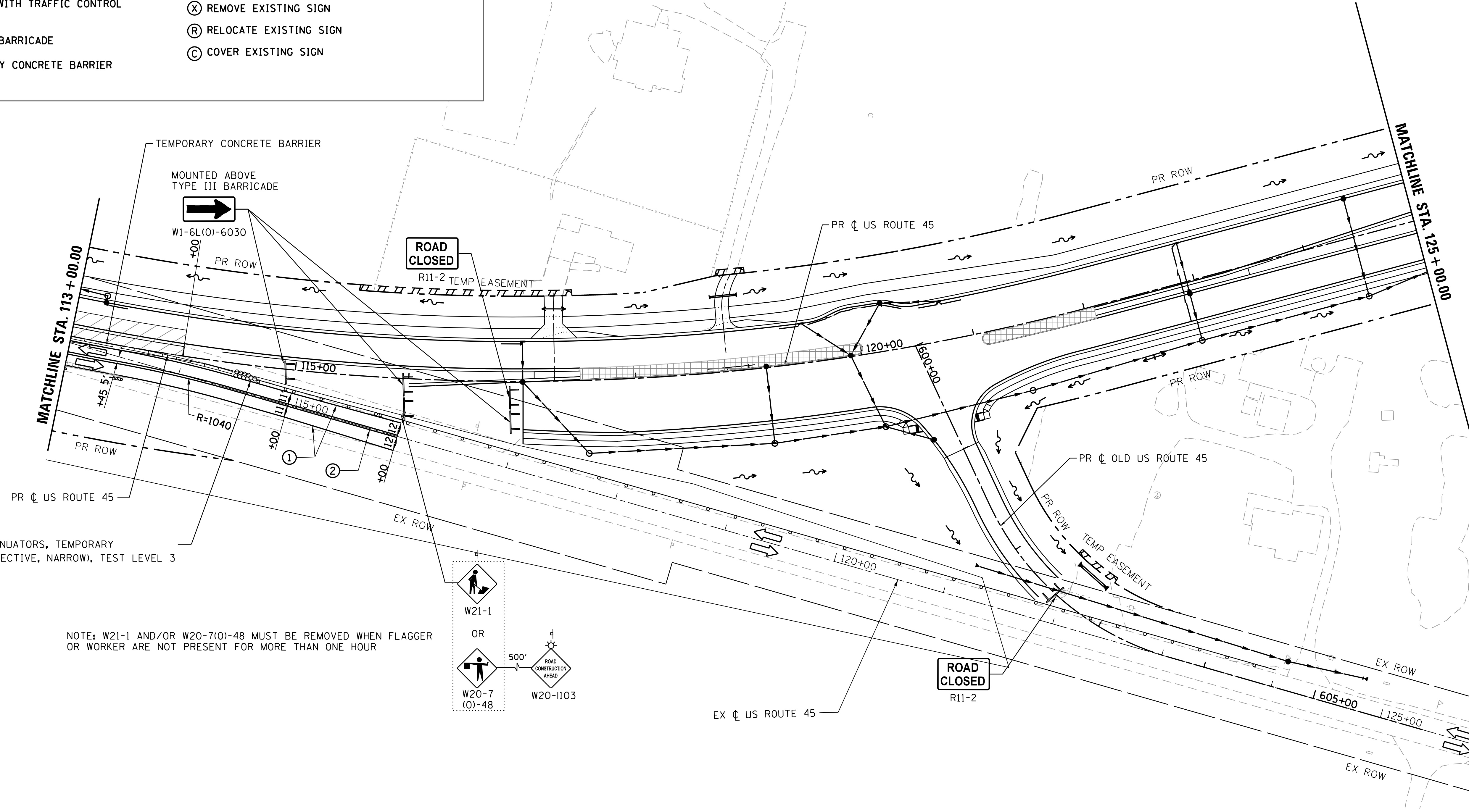
SHEET LOCATION MAP



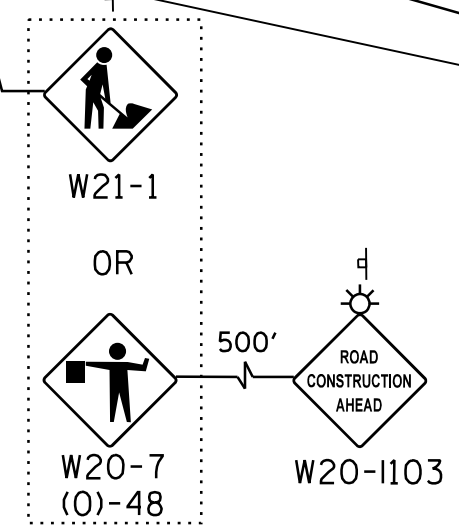
PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	DATE	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOT AT THIS OFFICE	

FILE NAME = p:\t\l\ed2\p\m\01\person\com\illinois\State Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\DI60775-sh-2-NOT2.dwg



NOTE: W21-1 AND/OR W20-7(0)-48 MUST BE REMOVED WHEN FLAGGER OR WORKER ARE NOT PRESENT FOR MORE THAN ONE HOUR



USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

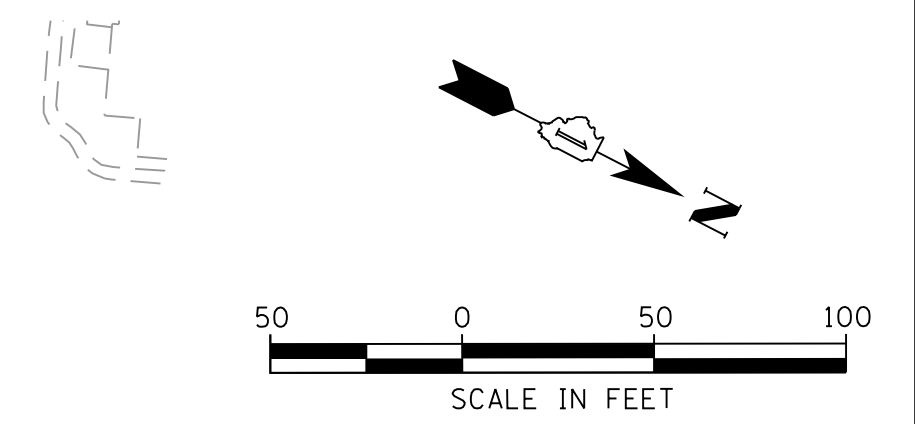
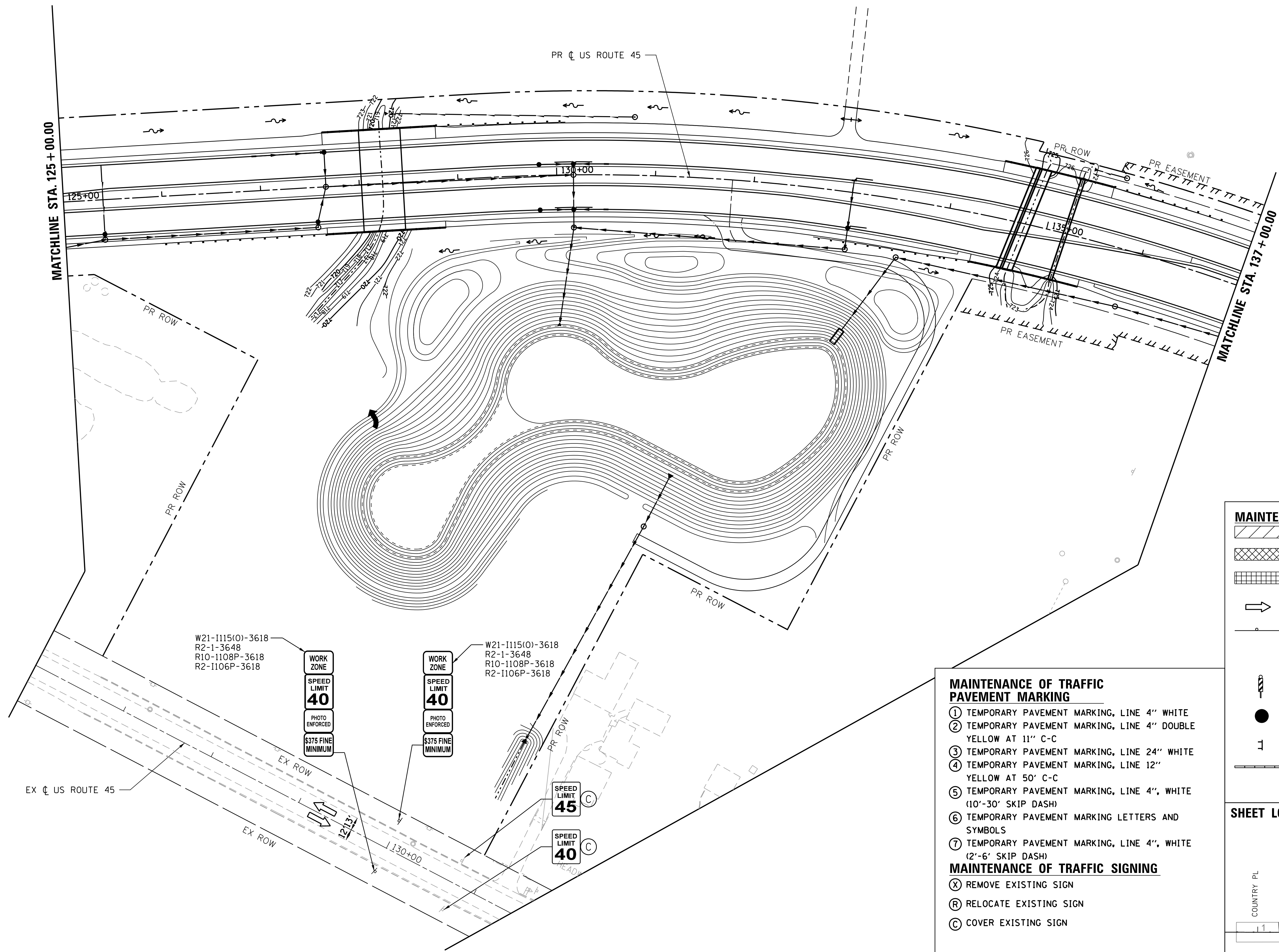
**MAINTENANCE OF TRAFFIC
STAGE 2**
SCALE: 1"=50' SHEET 2 OF 10 SHEETS STA. 113+00 TO STA. 125+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	99
CONTRACT NO. 60T75				
ILLINOIS FED. AID PROJECT				

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

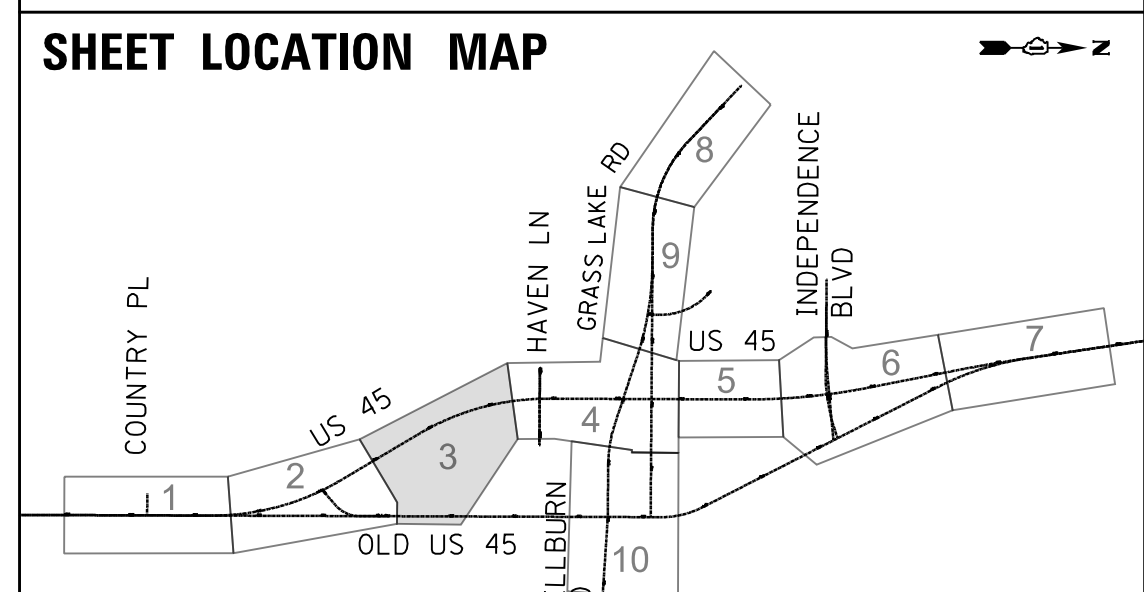
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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	NOTE BOOK NO.		
	FIELD FILE NAME		

FILE NAME = p:\t\l\ed2\p\person\com\illinois\State\Documents\US45 - 647985\48 - Design\CAD\Roadway\Sheets\DI60775.sht\NOT2_03.dgn



- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
 - TRAFFIC FLOW
 - TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
 - DOUBLE VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT
 - FLAGGER WITH TRAFFIC CONTROL DEVICE
 - TYPE III BARRICADE
 - TEMPORARY CONCRETE BARRIER

- MAINTENANCE OF TRAFFIC PAVEMENT MARKING**
- ① TEMPORARY PAVEMENT MARKING, LINE 4" WHITE
 - ② TEMPORARY PAVEMENT MARKING, LINE 4" DOUBLE YELLOW AT 11" C-C
 - ③ TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
 - ④ TEMPORARY PAVEMENT MARKING, LINE 12" YELLOW AT 50' C-C
 - ⑤ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (10'-30' SKIP DASH)
 - ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
 - ⑦ TEMPORARY PAVEMENT MARKING, LINE 4", WHITE (2'-6' SKIP DASH)
- MAINTENANCE OF TRAFFIC SIGNING**
- (X) REMOVE EXISTING SIGN
 - (R) RELOCATE EXISTING SIGN
 - (C) COVER EXISTING SIGN



USER NAME = 35361	DESIGNED MO	REVISED -
	DRAWN MO	REVISED
PLOT SCALE = 50.0000' / in.	CHECKED FZ	REVISED
PLOT DATE = 9/14/2017	DATE 02/02/2017	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2**

SCALE: 1"=50' SHEET 3 OF 10 SHEETS STA. 125+00 TO STA. 137+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	100
				CONTRACT NO. 60T75
ILLINOIS FED. AID PROJECT				