

INDEX OF SHEETS

1-20-2012 LETTING ITEM 148

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

F.A.U. ROUTE 3887 (IL ROUTE 31)

SECTION: 96-00209-01-PV

PROJECT NO. M-HPP-4064(003)

ILLINOIS ROUTE 31 AT KLASEN ROAD & VIRGINIA ROAD
ROADWAY RECONSTRUCTION

McHENRY COUNTY

C-91-254-09

Table with columns: F.A.U. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 3887, 96-00209-01-PV, McHENRY, 1, 1

D-91-254-09

273



LOCATION OF SECTION INDICATED THIS: -

DESIGN DESIGNATION

34,000(30) OTHER PRINCIPAL ARTERIAL 6.03 (PCC-20)

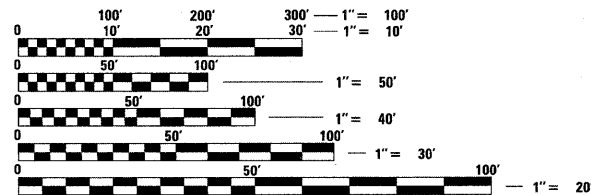
TRAFFIC DATA

Table with columns: ADT (2030), DESIGN SPEED, POSTED SPEED. Rows: IL ROUTE 31 (CARY-ALGONQUIN ROAD TO KLASEN ROAD), IL ROUTE 31 (KLASEN ROAD TO RAKOW ROAD), KLASEN ROAD, VIRGINIA ROAD.

DESCRIPTION OF PROJECT

THIS IMPROVEMENT CONSISTS OF EARTH EXCAVATION, CONSTRUCTION OF STORM SEWERS AND DRAINAGE STRUCTURES, MODERNIZATION OF TRAFFIC SIGNALS, RECONSTRUCTION AND WIDENING OF ROADWAYS AND BIKE TRAIL.

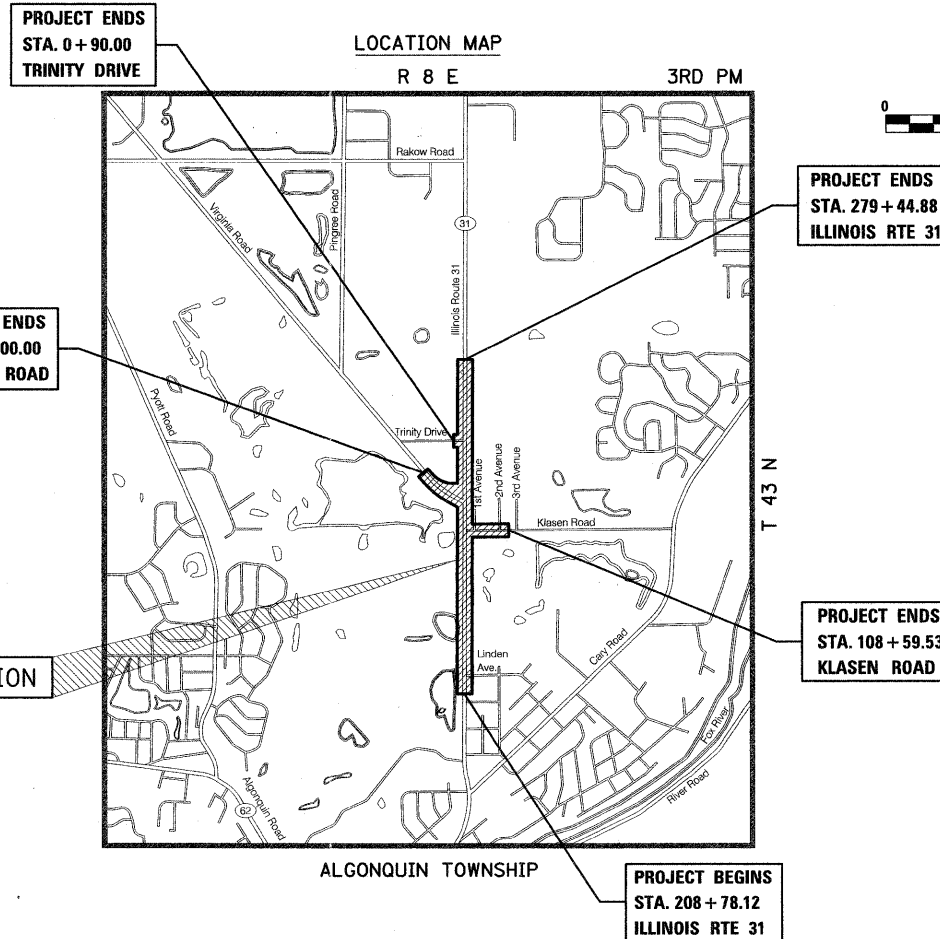
FINAL



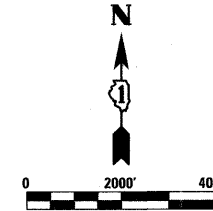
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

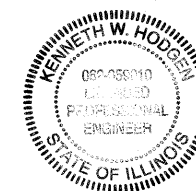
CONTRACT NO. 63553



PROJECT LENGTH: ILLINOIS RTE 31 - 7,066.75 FT. (1.34 MILE) KLASEN ROAD - 917.00 FT. (0.174 MILES) VIRGINIA ROAD - 1,098.70 FT. (0.208 MILES)



Approval and signature block for the State of Illinois Department of Transportation, Division of Highways. Includes signatures and dates for approval (October 18, 2011) and passing (November 4, 2011) by Joseph R. Kopselak, Jr., District One Engineer of Local Roads & Streets, and Diane M. O'Keefe, Deputy Director of Highways, Region One Engineer.



REGISTERED P.E., STATE OF ILLINOIS 11/30/2011 EXPIRES

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

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PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. 847-705-4406 SCHAMBURG, IL

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SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2012 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISION", ADOPTED JANUARY 1, 2012.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2012; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 EDITION, THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
- HORIZONTAL CONTROL IS HARN (HPGN) ILLINOIS STATE PLANES EAST ZONE, US FOOT. VERTICAL CONTROL IS NAVD 88.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, MCHENRY COUNTY AT (815) 334-4960, THE VILLAGE OF ALGONQUIN AT (847) 658-2754, THE VILLAGE OF LAKE IN THE HILLS AT (847) 960-7500, THE VILLAGE OF CARY AT (847) 639-0003, AND THE CITY OF CRYSTAL LAKE AT (815) 356-3614 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND GOVERNMENT AGENCIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN CONSENT FROM THE DEPARTMENT.
- 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 AREA.
- THE CONTRACTOR SHALL PROTECT AND RELOCATE EXISTING MAILBOXES WHICH INTERFERE WITH THE WORK IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE POST OFFICE AT (847) 658-0012 TO COORDINATE MAILBOX RELOCATION.

9. NO ADDITIONAL COMPENSATION WILL BE MADE FOR REMOVAL OF STUMPS OR TREE ROOTS THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.

10. ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

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

12. ALL TRAFFIC CONTROL, DETOUR, AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".

13. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET AND APPROPRIATE PERMITS HAVE BEEN OBTAINED FROM THE MCHENRY COUNTY DIVISION OF TRANSPORTATION, THE VILLAGE OF CRYSTAL LAKE, THE VILLAGE OF CARY, AND THE VILLAGE OF LAKE IN THE HILLS.

PAVING, SHOULDERS AND CURB & GUTTER

1. THE CONTRACTOR SHALL SAW CUT PAVEMENT, CURB & GUTTER AND SHOULDER AS INDICATED ON THE PLANS TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

THE CONTRACTOR SHALL BE REQUIRED TO SAW VERTICAL CUTS SO AS TO FORM CLEAN VERTICAL JOINTS. SHOULD THE CONTRACTOR DEFACE ANY EDGE, A NEW SAWED JOINT SHALL BE PROVIDED AND ANY ADDITIONAL WORK, INCLUDING REMOVAL AND REPLACEMENT, SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE THICKNESS OF THE EXISTING PAVEMENT AND WHETHER OR NOT IT CONTAINS REINFORCEMENT.

2. HOT-MIX ASPHALT BASE COURSE AND BINDER 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.

3. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

4. PRIOR TO PLACING HOT-MIX ASPHALT ADJACENT TO EXISTING PAVEMENT TO REMAIN, THE EXPOSED EDGE SHALL BE CLEANED OF LOOSE MATERIAL TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE HMA BEING PLACED.

5. 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.

6. REMOVAL OF EXISTING COMBINATION CURB AND GUTTER SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL" REGARDLESS OF THE CURB AND GUTTER TYPE.

7. REMOVAL OF EXISTING AGGREGATE SHOULDERS SHALL BE PAID FOR AS PART OF "EARTH EXCAVATION".

8. PROTECTIVE COAT SHALL BE APPLIED IN ACCORDANCE WITH SECTION 420 OF THE STANDARD SPECIFICATIONS TO CONCRETE MEDIAN SURFACES, ALL EXPOSED SURFACES OF CURBS AND GUTTERS, PCC DRIVEWAYS, PCC PAVEMENT, AND PCC SIDEWALK. ANY PART OF THIS ITEM CAN BE DELETED OR ANOTHER ADDED AT THE DISCRETION OF THE ENGINEER.

9. HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.

10. PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.

MISCELLANEOUS

1. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION. THE CONTRACTOR SHALL RESET ALL SURVEY MARKERS, CONTROL POINTS AND TIES DISTURBED DURING CONSTRUCTION. THIS WORK SHALL BE PAID FOR AS "PERMANENT SURVEY MARKERS, TYPE II".

2. SITE OBJECTS: REMOVAL OF MISCELLANEOUS PARKWAY IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, BLOCK RETAINING WALL, CONCRETE FOOTINGS, LANDSCAPE TIMBERS, LANDSCAPE ROCKS, PLANTERS, VEGETATION, BRICK OR BRICK PAVER WALKWAYS WITHIN R.O.W. LIMITS SHALL BE INCLUDED IN THE COST OF THE PAY ITEM FOR "EARTH EXCAVATION" UNLESS QUANTIFIED SEPERATELY.

3. THE CONTRACTOR SHALL NOT CROSS COMPLETED BINDER COURSE, OR EXISTING PAVEMENT NOT SCHEDULED TO BE REMOVED, WITH CONSTRUCTION EQUIPMENT WHICH MAY DAMAGE THE PAVEMENT. ANY DAMAGED PAVEMENT SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE

4. ALL EXCESS MATERIAL (BROKEN CONCRETE, SEWER PIPE, WASTE ROADWAY EXCAVATION AND SURPLUS MATERIAL FROM SEWER TRENCHES) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN "EARTH EXCAVATION".

5. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE PROJECT LIMITS. ALL EXCESS OR WASTE MATERIAL SHALL BE HAULED AWAY FROM THE PROJECT SITE BY THE CONTRACTOR AND DEPOSITED AT LOCATIONS PROVIDED BY HIM, OR DISPOSED OF WITHIN THE RIGHT-OF-WAY IN A MANNER OTHER THAN BURNING, SUBJECT TO THE APPROVAL OF THE ENGINEER. NO EXTRA COMPENSATION WILL BE ALLOWED THE CONTRACTOR FOR ANY EXPENSE INCURRED BY COMPLYING WITH THE REQUIREMENTS OF THIS NOTE.

6. ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO THE PLACEMENT OF GRANULAR SUB-BASE OR EMBANKMENT.

7. POROUS GRANULAR EMBANKMENT, SUBGRADE AND FILTER FABRIC HAVE BEEN PROVIDED TO REPLACE SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. THESE LIMITS MAY BE ALTERED BY THE ENGINEER IF FIELD CONDITIONS SO WARRANT. REMOVAL OF THESE UNSUITABLE SOILS SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL".

8. WHEN THE DISTANCE BETWEEN THE EXISITING PAVEMENT AND PROPOSED SUBGRADE IS BETWEEN 3 INCHES AND 3 FEET THE EXISITNG PAVEMENT SHALL BE CRUSHED AND LEFT IN PLACE AS SPECIFIED IN ARTICLE 205.03 OF THE "STANDARD SPECIFICATIONS", PAYMENT FOR THIS WORK SHALL BE INCLUDED IN "EARTH EXCAVATION".

FILE NAME =	USER NAME = dta	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>		F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY MCHENRY	TOTAL SHEETS 271	SHEET NO. 2	
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		CHECKED - GAB	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)							
		DATE - 10/24/11	REVISED -									

**UTILITIES**

1. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE "STANDARD SPECIFICATIONS". THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS OF HIS CONSTRUCTION SCHEDULE AND SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY OWNERS SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER. NOTIFICATION SHALL BE IN WRITING, WITH COPIES TRANSMITTED TO THE ENGINEER.
3. ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
4. WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE "STANDARD SPECIFICATIONS" USING METHOD ONE.
5. COORDINATION OF ANY UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.
6. WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT.
7. THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR CONSTRUCTION STAGING NECESSARY TO ACCOMMODATE UTILITY RELOCATION OR ADJUSTMENT AND/OR FOR DELAYS CAUSED BY UTILITY RELOCATION OR ADJUSTMENT.

**DRAINAGE**

1. THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.
2. THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE SEWER OR STRUCTURE BEING CONSTRUCTED.
3. 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.
4. DURING CONSTRUCTION, IF THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWER, 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.
5. 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.
6. 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.
7. ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO SAID SERVICES NOT CONSIDERED TO BE IN CONFLICT WITH THE PROPOSED STORM SEWER SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
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.
9. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLAN, IF NECESSARY, AND A TEMPORARY OUTLET. HE SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWER ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT.
10. DRAINAGE STRUCTURE FLAT-TOPS AND CONES SHALL BE TURNED SO THAT THE FRAMES ARE CLOSEST TO THE CENTERLINE OF THE ROAD. ALL FLAT-TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
11. DITCHES SHOWN ON THE PLANS (DRAINAGE & UTILITY SHEETS AND CROSS SECTIONS) SHALL BE CONSTRUCTED AS "TYPICAL" DITCHES. DITCHES SHOWN AS "SPECIAL DITCHES" ARE DESIGNATED AS SUCH ON THE CROSS SECTIONS (S.D.) AND HAVE A SPECIAL DITCH PROFILE SHOWN ON THE DRAINAGE & UTILITY SHEET PROFILES.
12. THE COST OF REMOVING METAL FLARED END SECTIONS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "PIPE CULVERT REMOVAL."
13. 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 LIMIT.
14. ALL EXISTING DRAINAGE STRUCTURES ARE TO BE KEPT FREE OF ANY DEBRIS RESULTING FROM THE CONTRACTOR'S CONSTRUCTION OPERATIONS. ALL WORK AND MATERIAL NECESSARY TO PREVENT ACCUMULATION OF DEBRIS IN THE DRAINAGE STRUCTURES WILL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT. ANY DEBRIS IN THE DRAINAGE STRUCTURES RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE, AND NO EXTRA COMPENSATION WILL BE ALLOWED.
15. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS WHEN WORKING NEAR OR ABOVE EXISTING SEWERS IN ORDER TO PROTECT THESE PIPES DURING CONSTRUCTION FROM ANY DAMAGE RESULTING FROM HIS OPERATIONS. ALL WORK AND MATERIAL NECESSARY TO REPLACE EXISTING SEWERS DAMAGED BECAUSE OF NONCOMPLIANCE WITH THIS PROVISION SHALL BE AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH SECTION 550 OF THE "STANDARD SPECIFICATIONS" AND AT THE CONTRACTOR'S OWN EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

16. THE COST OF REMOVING EXISTING PAVEMENT TO INSTALL NEW STORM SEWER OR DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE SEWER OR STRUCTURE BEING CONSTRUCTED.

17. ON KLASEN ROAD ALL FRAMES AND COVERS ARE TO BE EAST JORDAN IRON WORKS NUMBER 1050-Z1 OR EQUAL. ALL MANHOLE COVERS SHALL BE EAST JORDAN IRON WORKS, PRODUCT NO. 102332, CATALOG NO. 1020A, REFERENCE NO. 102089. OR EQUAL. THE COVER CASTING SHALL INCLUDE THE VILLAGE OF ALGONQUIN LOGO.

**SIGNING, STRIPING & LANDSCAPING**

1. WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SEEDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER.
2. 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.
3. ALL EXISTING TRAFFIC SIGNS WHICH INTERFERE WITH THE CONTRACTOR'S WORK SHALL BE REMOVED, A RECORD MADE OF THEIR CONDITION, AND SAFELY STORED AND SAFEGUARDED BY THE CONTRACTOR UNTIL THE ENGINEER DETERMINES THAT THEY BE REINSTALLED IN THE PERMANENT LOCATIONS.
4. IMMEDIATELY AFTER EACH SIGN IS REMOVED, A TEMPORARY SIGN OF THE SAME TYPE SHALL BE INSTALLED ON A SIGN SUPPORT APPROVED BY, AND AT A LOCATION DETERMINED BY, THE ENGINEER. THESE SIGNS SHALL BE MAINTAINED STRAIGHT AND CLEAN UNTIL THE PERMANENT SIGNS ARE REINSTALLED.
5. 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.
6. ALL UNUSED SIGNS AND POSTS SHALL BE RETURNED TO THE OWNER OF SIGN THAT WAS REMOVED.
7. 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. SIGN POSTS AND HARDWARE FOR SIGNS ON KLASEN ROAD SHALL CONFORM TO VILLAGE STANDARDS. NEW SIGN SUPPORTS AND HARDWARE 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".
8. ALL SIGNS ON THE COUNTY HIGHWAY AND WITHIN THE COUNTY HIGHWAY RIGHT-OF-WAY SHALL CONFORM WITH MUTCD, INCLUDE DIAMOND GRADE DG3 REFLECTIVE SHEETING AND BE INSTALLED ON 2" GS TELESCOPING POSTS WITH GS WINGED SOIL ANCHORS.
9. PAVEMENT MARKINGS REMOVED OUTSIDE THE LIMITS OF THE IMPROVEMENT DUE TO TRAFFIC CONTROL AND SHIFTING TRAFFIC SHALL BE REPLACED AT THE END OF CONSTRUCTION. THIS WORK SHALL BE PAID FOR PER LINEAR FOOT OF THE LINE TYPE INSTALLED.
10. THE RESIDENT ENGINEER MUST CONTACT DEBBIE HANLON, IDOT DISTRICT ONE AREA TRAFFIC FIELD TECHNICIAN AT (847)-438-2300 TWO WEEKS PRIOR TO INSTALLING PERMANENT PAVEMENT MARKINGS.

FILE NAME =	USER NAME = dte	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.U. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y:\2278 Virginia Klase\oad\sheet\01-Cover_Index_GenNotes\2278_GEN_NOTE_02.dgn	DRAWN - DTE	REVISED -	3887			96-00209-01-PV	McHENRY	271	3	
PLOT SCALE = 1:8000 ' / in.	CHECKED - GAB	REVISED -	<b>CONTRACT NO. 63553</b>							
PLOT DATE = 11/1/2011	DATE - 10/24/11	REVISED -	SCALE: NONE			SHEET NO. 2 OF 3 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT HPP-4064003		

**EROSION CONTROL**

1. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.
2. THE 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.
3. ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.
4. 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.
5. 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 ONE (1) WEEK OR MORE SHALL BE SEEDED WITH TEMPORARY EROSION CONTROL SEEDING AND COVERED WITH MULCH METHOD 2 WITHIN SEVEN (7) CALENDAR DAYS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
6. INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES.
7. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.
8. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 06-60.
9. SEE STANDARD 280001-05 FOR ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL DETAILS AND REQUIREMENTS.
10. ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.
11. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

**MAINTENANCE OF TRAFFIC**

1. TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE IDOT DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, DIVISION 700; APPLICABLE GUIDELINES IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL, UNLESS HEREIN REVISED.
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
3. ALL CONSTRUCTION SIGNS SHALL HAVE FLUORESCENT ORANGE BACKGROUNDS.
4. ALL SIGNS SHALL BE MOUNTED ON METAL POSTS, 7 FEET ABOVE THE EXISTING GROUND AND DRIVEN A MINIMUM OF 3 FEET INTO THE GROUND. A J.U.L.I.E. LOCATE SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF THE POSTS.
5. THE CONTRACTOR SHALL MAINTAIN 11-FOOT (MIN) DRIVING LANES ON ALL ROADS UNLESS DIRECTED BY THE ENGINEER OR OTHERWISE SHOWN ON THE PLANS.
6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AND SIDE ROADS DURING CONSTRUCTION OPERATIONS. A QUANTITY OF "AGGREGATE FOR TEMPORARY ACCESS" HAS BEEN INCLUDED IN THE CONTRACT FOR THIS PURPOSE.
7. BARRICADES WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS. SPACING SHALL BE AS SHOWN ON THE STANDARDS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOPS OF THE BARRICADES ARE IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901-02.
8. ALL BARRICADES AT LANE DIVERSTIONS WITHIN TAPER SECTIONS SHALL HAVE DIRECTION INDICATOR PANELS.

10. DRUMS SHALL HAVE ALTERNATING REFLECTORIZED TYPE AA OR TYPE AP FLUORESCENT ORANGE AND REFLECTORIZED WHITE HORIZONTAL, CIRCUMFERENTIAL STRIPES.
11. DRUMS AND BARRICADES SHALL MEET THE REQUIREMENTS OF THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350 AND THE SPECIAL PROVISION "WORK ZONE TRAFFIC CONTROL DEVICES".
12. TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901-01 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
13. THE CONTRACTOR SHALL NOTIFY EMERGENCY SERVICES AT (815) 338-6400 AND SCHOOL DISTRICT 300 AT (847) 458-0884 REGARDING ANY ROAD CLOSURES OR DETOURS 72 HOURS PRIOR TO THEIR IMPLEMENTATION.
14. THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL" PER LINEAL FOOT.
15. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THE MESSAGES SHOWN SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AS "CHANGEABLE MESSAGE SIGN" PER CALENDAR MONTH.
16. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WEEKS IN ADVANCE OF THE CHANGE.
17. EXISTING TRAFFIC CONTROL DEVICES ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGE CAUSED BY HIS WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
18. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED.
19. BARRICADES EQUIPPED WITH ONE-WAY FLASHING LIGHTS WILL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, AND AT ANY OTHER LOCATIONS DESIGNATED BY THE ENGINEER OR LAW ENFORCEMENT AGENCIES. BARRICADES SHALL BE PLACED AT 50' CENTERS ALONG TANGENTS, 25' ALONG TAPERS AND 10'
20. TEMPORARY LANE CLOSURES WILL BE ALLOWED ONLY BETWEEN THE HOURS OF 9:00 A.M. AND 3:00 P.M. UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CLOSING ANY LANES.
21. "WORKERS" SIGNS SHALL ONLY BE ERECTED WHEN WORKERS ARE PRESENT. SIGN MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT.
22. "FRESH OIL" SIGNS (W21-2-4848) WITH DATE. SIGNS SHALL BE ERECTED 48 HOURS PRIOR TO PRIMING. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
23. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

**COMMITMENTS**

1. ALL APPLICABLE PERMITS WILL BE OBTAINED DURING THE DESIGN PHASE OF THIS PROJECT.
2. EROSION AND SEDIMENT CONTROL PLANS WILL BE DEVELOPED AND IMPLEMENTED IN ACCORDANCE WITH IDOT'S STANDARD SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL. SPECIFIC EROSION CONTROL PRACTICES WOULD BE DEVELOPED DURING THE DESIGN PHASE OF THE PROJECT.

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND A FOOT
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
420106-04	36" (10.8 m) JOINTED PCC PAVEMENT
420111-03	PCC PAVEMENT ROUNDOUTS
424001-06	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-03	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54")
542401-01	METAL END SECTION FOR PIPE CULVERTS
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602306-03	INLET, TYPE B
602401-03	MANHOLE TYPE A
602406-05	MANHOLE TYPE A, 6' DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	CAST IRON STEPS
604001-03	FRAMES AND LIDS TYPE 1
604036-02	GRATE TYPE 8
604051-03	FRAME AND GRATE, TYPE 11
604091-02	FRAME AND GRATE, TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER
606201-02	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631006-08	TRAFFIC BARRIER TERMINAL, TYPE 1B
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-04	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-05	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATION OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS & PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-05	STEEL MAST ARM ASSEMBLY & POLE
878001-09	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS & FLASH BEACON INSTALL
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS WITH POST & BRACKET MOUNT
886001-01	DETECTOR LOOP INSTALLATIONS

**LIST OF ILLINOIS DOT HIGHWAY DISTRICT ONE STANDARD DETAILS**

BD-01	DRIVEWAY DETAILS
BD-02	DRIVEWAY DETAILS
BD-03	OUTLET
BD-05	CONCRETE MEDIAN
BD-12	MANHOLE WITH RESTRICTOR PLATE
BD-22	PAVEMENT PATCHING
BD-51	BENCHING DETAIL
TC-09	FREEWAY SINGLE AND MULTI LANE WEAVE
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS
TC-11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

FILE NAME =	USER NAME = dta	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y:\2278 Virginia Klassen\oad\sheet\01-Cover_Index_GenNotes\2278_GEN_NOTE_03.dgn	DRAWN - DTE	REVISED -	3887			96-00209-01-PV	McHENRY	271	4	
PLOT SCALE = 1:80000' / in.	CHECKED - GAB	REVISED -	<b>CONTRACT NO. 63553</b>							
PLOT DATE = 12/24/2011	DATE - 10/24/11	REVISED -	SCALE: NONE			SHEET NO. 3 OF 3 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS   FED. AID PROJECT HPP-40610031		

CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS						
				0003	0021	0031	0021			
				ROADWAY	SHARED USE PATH	LANDSCAPING	KLASEN ROAD	VIRGINIA ROAD	INTERCONNECT	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1203	1203						
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	656	656						
20101000	TEMPORARY FENCE	FOOT	105	105						
20101700	SUPPLEMENTAL WATERING	UNIT	1	1						
20200100	EARTH EXCAVATION	CU YD	41250	41250						
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2995	2995						
20400800	FURNISHED EXCAVATION	CU YD	13000	13000						
20800150	TRENCH BACKFILL	CU YD	5371	5371						
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	61251	61251						
25000210	SEEDING, CLASS 2A	ACRE	12.75	12.75						
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	880	880						
25000500	POTASSIUM FERTILIZER NUTRIENT	POUND	880	880						
25100115	MULCH, METHOD 2	ACRE	3.00	3.00						
25100630	EROSION CONTROL BLANKET	SQ YD	61251	61251						
25200110	SODDING, SALT TOLERANT	SQ YD	9529	9529						
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1270	1270						
28000305	TEMPORARY DITCH CHECKS	FOOT	98	98						
28000400	PERIMETER EROSION BARRIER	FOOT	5892	5892						
28000510	INLET FILTERS	EACH	177	177						
28100107	STONE RIPRAP CLASS A4	SQ YD	8	8						
28200200	FILTER FABRIC	SQ YD	23346	23346						
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	1569	1569						
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	65331	57730	7601					
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	5	5						
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	8626	8626						
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5803	5803						
40600300	AGGREGATE (PRIME COAT)	TON	19.3	19.3						
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	762		762					
40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SQ YD	3195	3195						
40701951	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 1/2"	SQ YD	4923	4923						
40701961	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"	SQ YD	1748	1748						
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	47910	47910						
42001300	PROTECTIVE COAT	SQ YD	59189	59189						
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	74	74						
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1788	1788						
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1318		1318					

CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS						
				0003	0021	0031	0021			
				ROADWAY	SHARED USE PATH	LANDSCAPING	KLASEN ROAD	VIRGINIA ROAD	INTERCONNECT	
44000100	PAVEMENT REMOVAL	SQ YD	26195	26195						
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	3968	3968						
44000400	GUTTER REMOVAL	FOOT	24	24						
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4088	4088						
44003100	MEDIAN REMOVAL	SQ FT	1934	1934						
44004250	PAVED SHOULDER REMOVAL	SQ YD	14418	14418						
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	1059	1059						
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	757	757						
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	1151	1151						
50105220	PIPE CULVERT REMOVAL	FOOT	787	787						
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	217	217						
542C0217	PIPE CULVERTS, CLASS C, TYPE 1 12"	FOOT	97	97						
542C0220	PIPE CULVERTS, CLASS C, TYPE 1 15"	FOOT	370	370						
542C5470	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	241	241						
542C5491	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	211	211						
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	15	15						
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2						
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2						
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1						
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1						
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	4	4						
54215547	METAL END SECTIONS 12"	EACH	8	8						
54215550	METAL END SECTIONS 15"	EACH	12	12						
54215760	METAL END SECTIONS, EQUIVALENT ROUND-SIZE 15"	EACH	4	4						
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1	1						
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2198	2198						
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	753	753						
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	226	226						
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	196	196						
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	677	677						
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	112	112						
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	722	722						
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	3943	3943						
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	475	475						
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1412	1412						
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	526	526						

FILE NAME = J:\2278\cod\sheet\02-SummaryOfQuantities	USER NAME = kwh_str	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I.L. RTE. 3887	SECTION 96-00209-01-PV	COUNTY MCHENRY	TOTAL SHEETS 271	SHEET NO. 5		
	PLOT SCALE = 1/8000' / 1"	CHECKED - GAB	REVISED -			SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.		CONTRACT NO. 63553				
	PLOT DATE = 12/9/2011	DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-40640037						



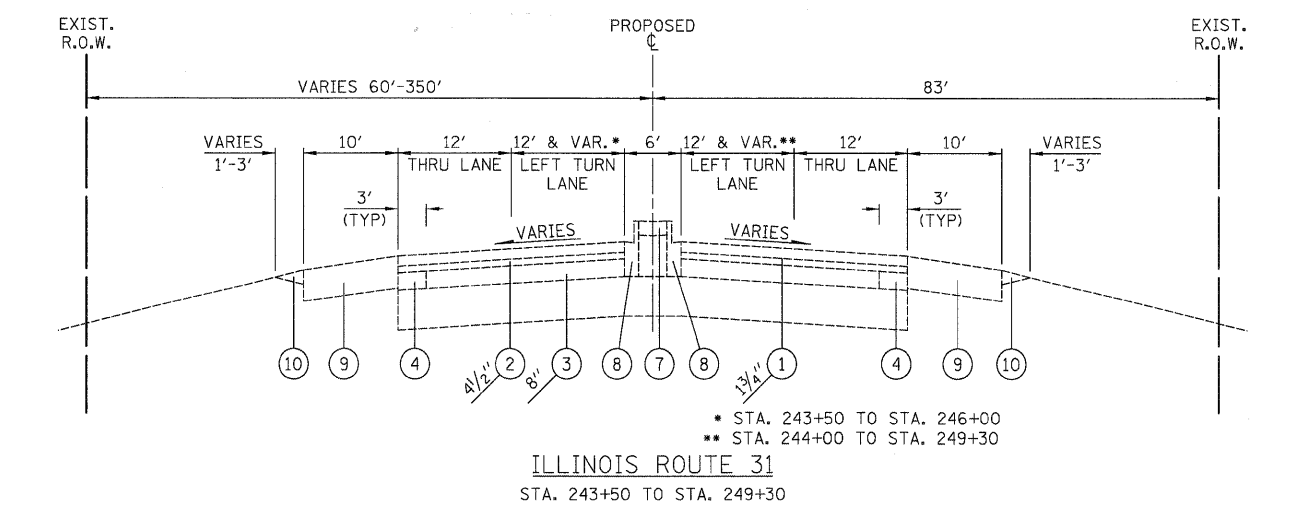
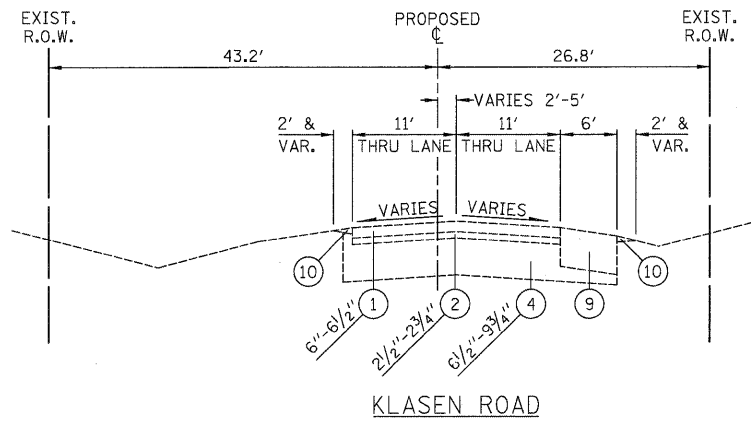
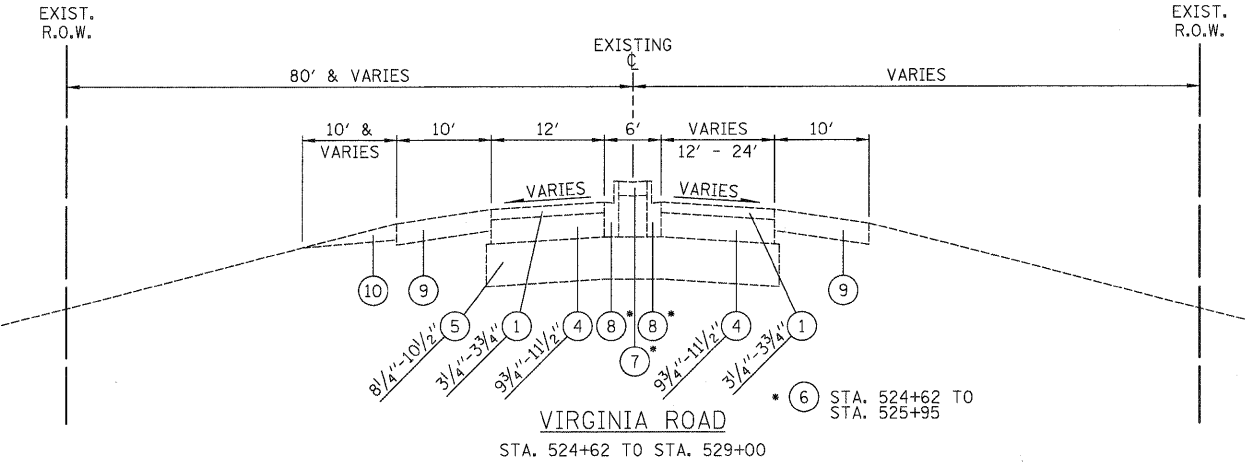
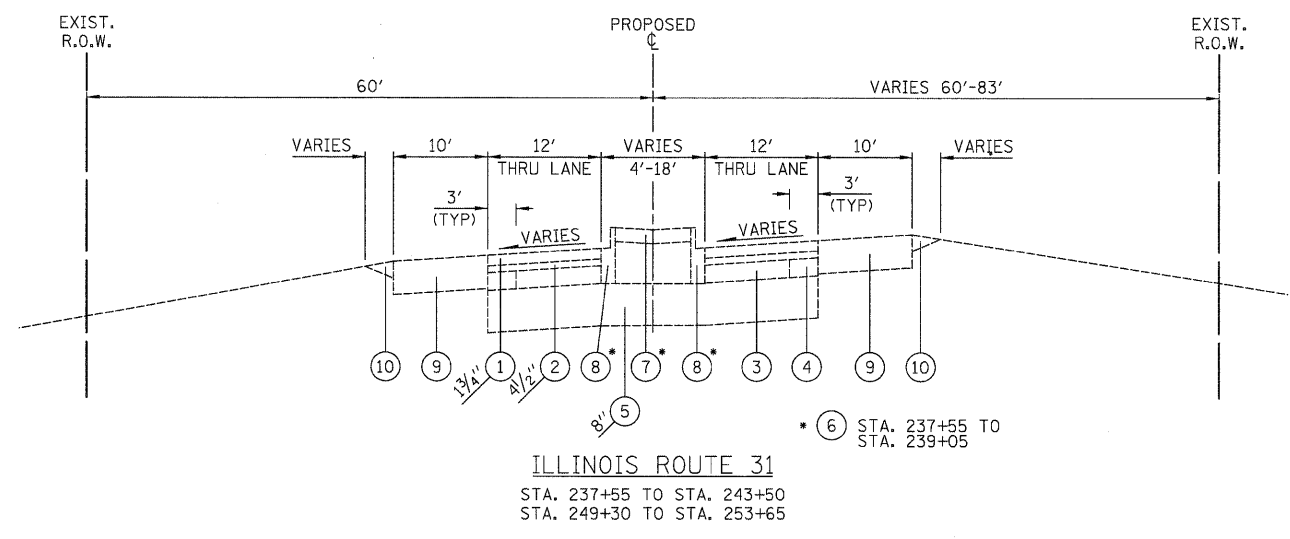
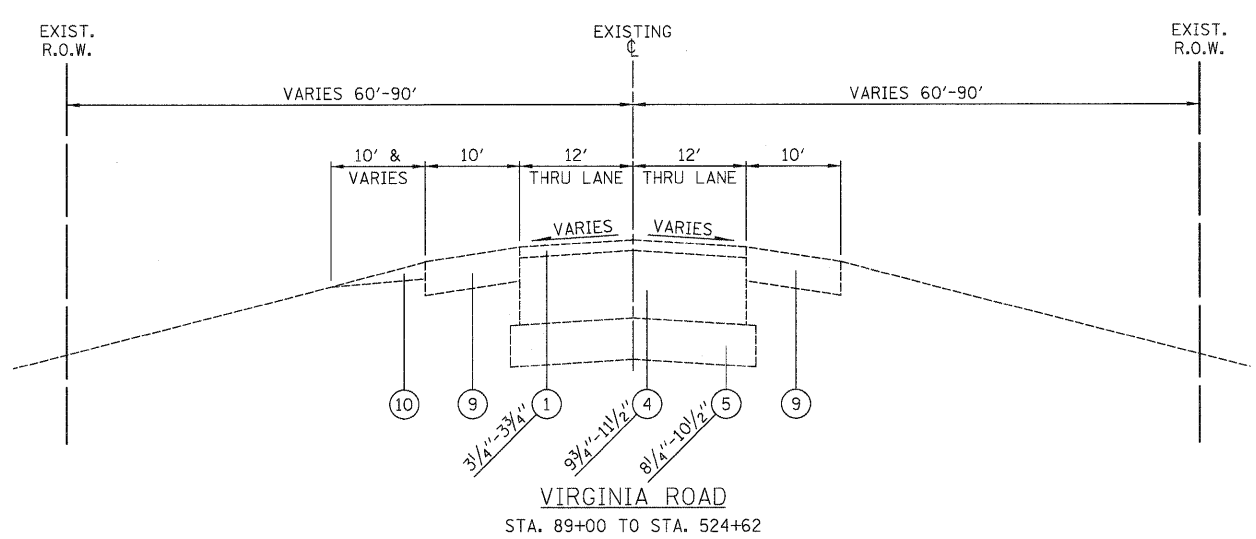
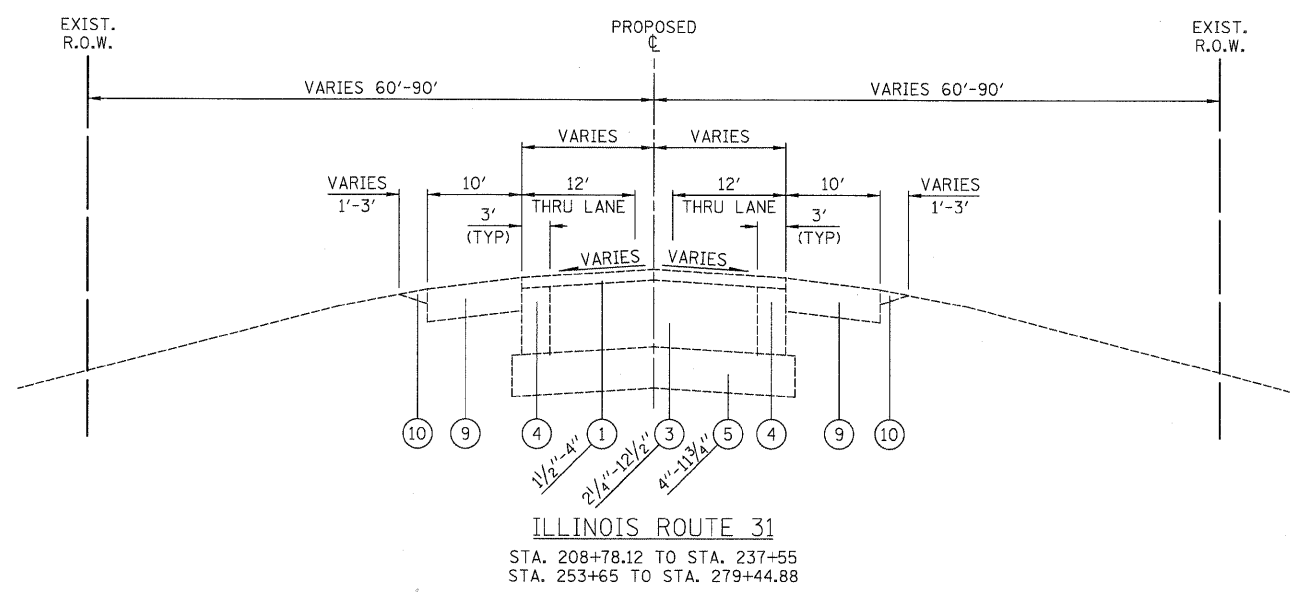


CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	0003	0021	0031	0021		
				ROADWAY	SHARED USE PATH	LANDSCAPING	TRAFFIC SIGNALS		
							KLASEN ROAD	VIRGINIA ROAD	INTERCONNECT
D2002484	EVERGREEN, PINUS FLEXILIS VANDERWOLF'S PYRAMID (VANDERWOLF'S PYRAMID LIMBER PINE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	8			8			
D2000424	EVERGREEN, JUNIPERUS CHINENSIS PFITZER ANA (PFITZER JUNIPER), 2' WIDTH, CONTAINER	EACH	30			30			
X0300266	WOODEN FENCE REMOVAL	FOOT	10	10					
X0301797	GATE REMOVAL	EACH	1	1					
X0322118	REMOVE CONCRETE FLARED END SECTIONS	EACH	14	14					
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1355				647	708	
X0327008	REMOVE AND RELOCATE SIGN (SPECIAL)	EACH	2	2					
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	200	200					
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	11394	11394					
X6020094	MANHOLES, TYPE A, 6" DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	10	10					
X6020294	MANHOLES, TYPE A, 7" DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	3	3					
X6050700	REMOVE INLET BOX	EACH	2	2					
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	191	191					
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1					
X7280105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	176	176					
X7810300	RECESSED REFLECTIVE PAVMENT MARKER	EACH	47	47					
X8570226	FULL-ACTUATED CONTROLLER AND CABINET, TYPE IV, SPECIAL	EACH	2				1	1	
XX004913	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	1063						1063
X8162000	UNINTERRUPTIBLE POWER SUPPLY SPECIAL	EACH	2				1	1	

- INDICATES SPECIAL PROVISION
- CONSTRUCTION TYPE CODE 0042

FILE NAME = J:\2278\cad\sheet\82-SummaryOfQuantities	USER NAME = kwk_str V2278_S00_04.dgn	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY MCHENRY	TOTAL SHEETS 271	SHEET NO. 8		
	PLOT SCALE = 1/8" = 1' in.	CHECKED - GAB	REVISED -			SCALE:	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.	<b>CONTRACT NO. 63553</b>		
	PLOT DATE = 12/9/2011	DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-40640031						





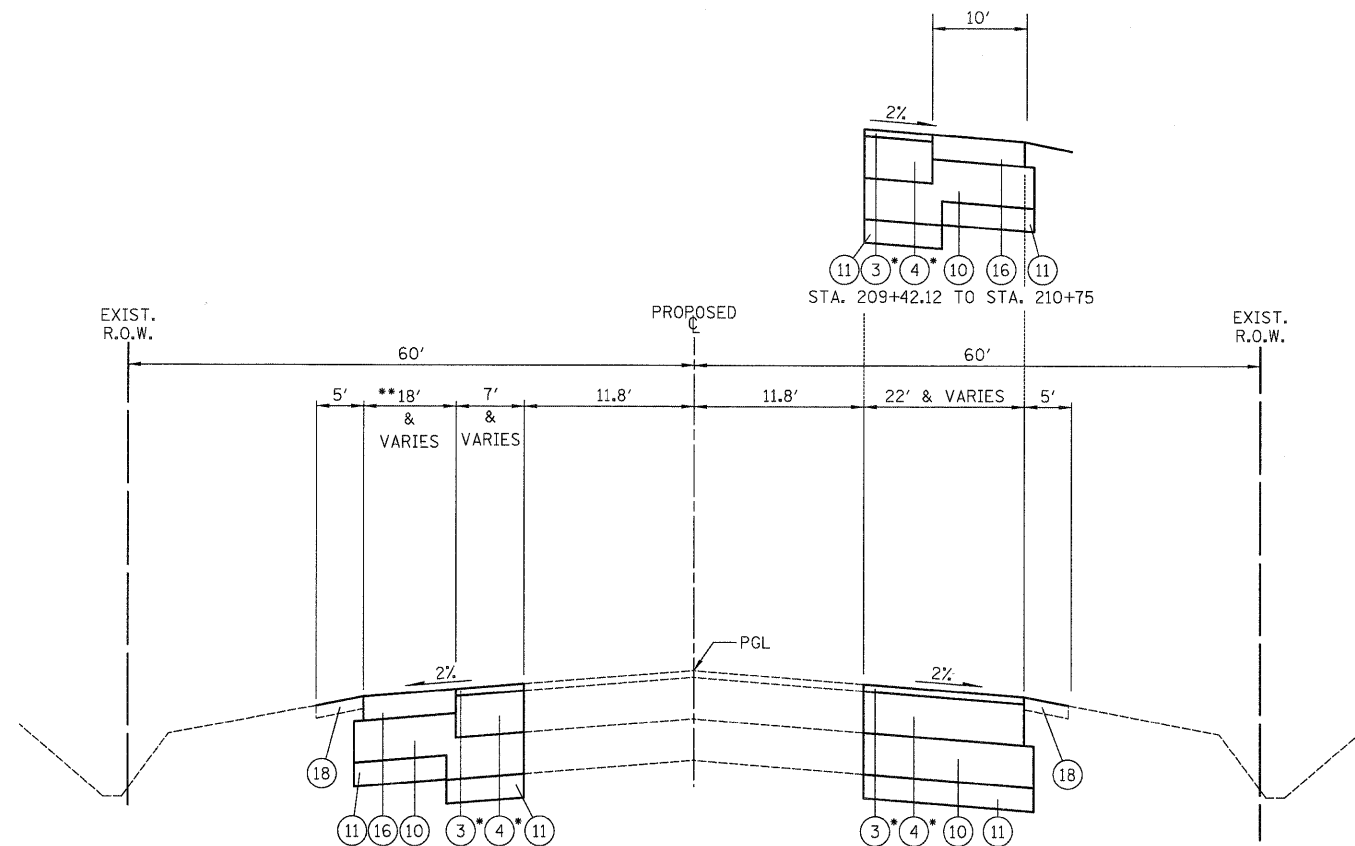
- LEGEND**
- ① EXISTING BITUMINOUS CONCRETE SURFACE COURSE
  - ② EXISTING BITUMINOUS CONCRETE BINDER COURSE
  - ③ EXISTING PCC PAVEMENT STRUCTURE
  - ④ EXISTING BITUMINOUS BASE COURSE
  - ⑤ EXISTING SUB-BASE GRANULAR MATERIAL
  - ⑥ EXISTING CONCRETE MEDIAN
  - ⑦ EXISTING CONCRETE MEDIAN SURFACE
  - ⑧ EXISTING CONCRETE CURB & GUTTER
  - ⑨ EXISTING BITUMINOUS CONCRETE SHOULDER
  - ⑩ EXISTING AGGREGATE SHOULDER

FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -
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	PLOT SCALE = 1:8000 / in.	CHECKED - GAB	REVISED -
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>EXISTING TYPICAL SECTIONS</b>	
SCALE: NONE	SHEET NO. 1 OF 8 SHEETS
STA.	TO STA.

F.A.J. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 9
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 63553	
FED. AID PROJECT HPP-4064(003)				



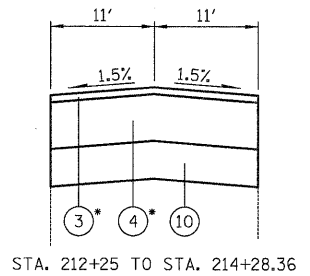
- PROPOSED LEGEND**
- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
  - ② SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
  - ③ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm), 1 3/4"
  - ④ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12 1/4"
  - ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
  - ⑥ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2"
  - ⑦ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 9 1/2"
  - ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
  - ⑨ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
  - ⑩ AGGREGATE SUBGRADE, 12"
  - ⑪ POROUS GRANULAR EMBANKMENT, SUBGRADE, VARIABLE DEPTH - SEE TABLE ON SHEET NO. 12
  - ⑫ CONCRETE MEDIAN SURFACE, 4"
  - ⑬ CONCRETE MEDIAN, TYPE SB-6.12
  - ⑭ CONCRETE MEDIAN, TYPE SB-6.24
  - ⑮ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - ⑯ HOT-MIX ASPHALT SHOULDERS, 6"
  - ⑰ AGGREGATE SHOULDERS, TYPE B 6"
  - ⑱ TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER, AND EROSION MAT

**ILLINOIS ROUTE 31**  
 STA. 208+78.12 TO STA. 212+25  
 \*\* STA. 210+68.58 TO STA. 212+25

③+④ PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 14"

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR ILLINOIS ROUTE 31 - STA. 225+90 TO KLASEN ROAD

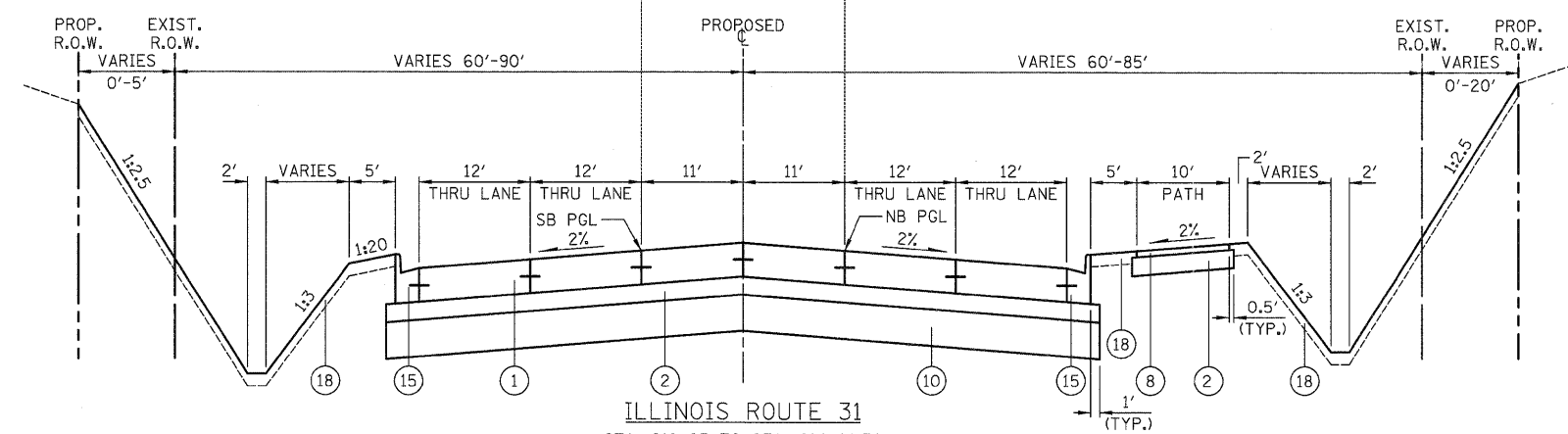
STRUCTURAL TRAFFIC:	YEAR 2021
	PV = 34,422 SU = 725 MU = 1087
ROAD/STREET CLASSIFICATION:	CLASS I
	P = 32% S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 7.78
	MINIMUM TF = 6.03
AC GRADE:	BINDER = SBS/SBR PG 70-22 SURFACE = SBS/SBR PG 70-22
SUBGRADE SUPPORT RATING:	SSR = POOR



**ILLINOIS ROUTE 31**  
 STA. 212+25 TO STA. 214+28.36

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR ILLINOIS ROUTE 31 - KLASEN ROAD TO STA. 279+45

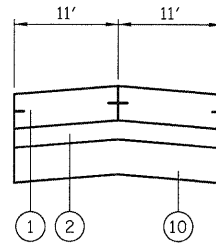
STRUCTURAL TRAFFIC:	YEAR 2021
	PV = 24,827 SU = 523 MU = 784
ROAD/STREET CLASSIFICATION:	CLASS I
	P = 32% S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 5.61
	MINIMUM TF = 6.03
AC GRADE:	BINDER = SBS/SBR PG 70-22 SURFACE = SBS/SBR PG 70-22
SUBGRADE SUPPORT RATING:	SSR = POOR



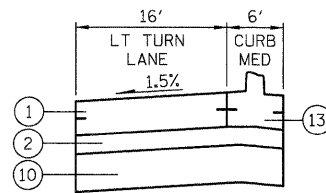
**ILLINOIS ROUTE 31**  
 STA. 212+25 TO STA. 214+28.36  
 STA. 274+50.14 TO STA. 277+50.00

PROPOSED LEGEND

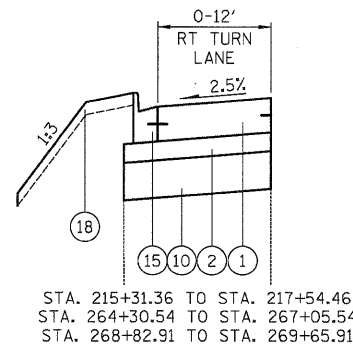
- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ③ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm), 1 3/4"
- ④ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12 1/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ⑥ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2"
- ⑦ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 11 1/2"
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- ⑨ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
- ⑩ AGGREGATE SUBGRADE, 12"
- ⑪ POROUS GRANULAR EMBANKMENT, SUBGRADE, VARIABLE DEPTH  
- SEE TABLE ON SHEET NO. 12
- ⑫ NUMBER NOT USED
- ⑬ CONCRETE MEDIAN, TYPE SB-6.12
- ⑭ CONCRETE MEDIAN, TYPE SB-6.24
- ⑮ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- ⑯ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑰ AGGREGATE SHOULDERS, TYPE B 6"
- ⑱ TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER, AND EROSION MAT



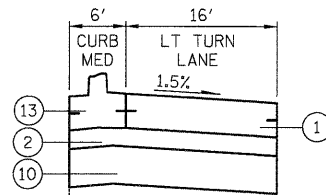
STA. 216+31.30 TO STA. 218+21.72  
 STA. 225+78 TO STA. 227+27  
 STA. 261+58.53 TO STA. 263+02.54  
 STA. 268+67.41 TO STA. 269+73.41



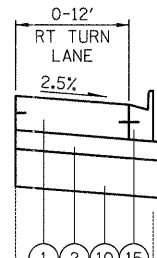
STA. 218+21.72 TO STA. 220+24.73  
 STA. 227+27 TO STA. 229+30



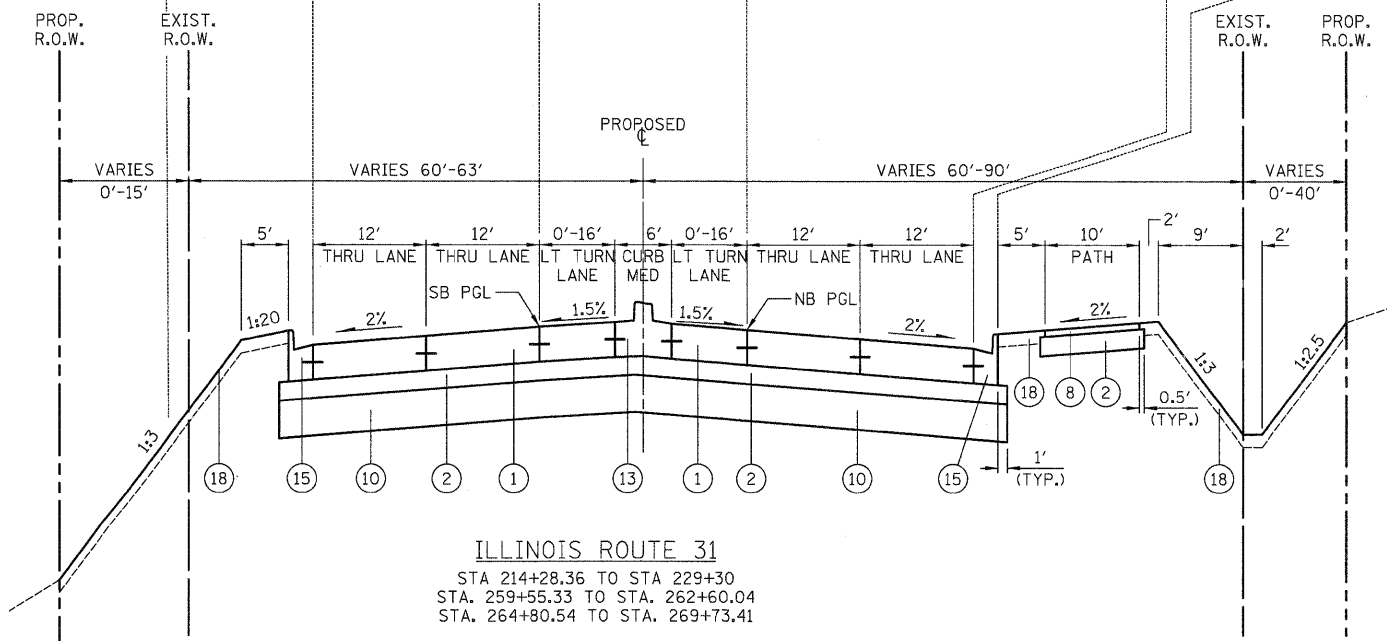
STA. 215+31.36 TO STA. 217+54.46  
 STA. 264+30.54 TO STA. 267+05.54  
 STA. 268+82.91 TO STA. 269+65.91



STA. 214+28.36 TO STA. 216+31.36  
 STA. 223+75 TO STA. 225+78  
 STA. 259+55.53 TO STA. 261+58.53  
 STA. 266+88.77 TO STA. 268+67.00



STA. 217+54.46 TO STA. 219+21.73

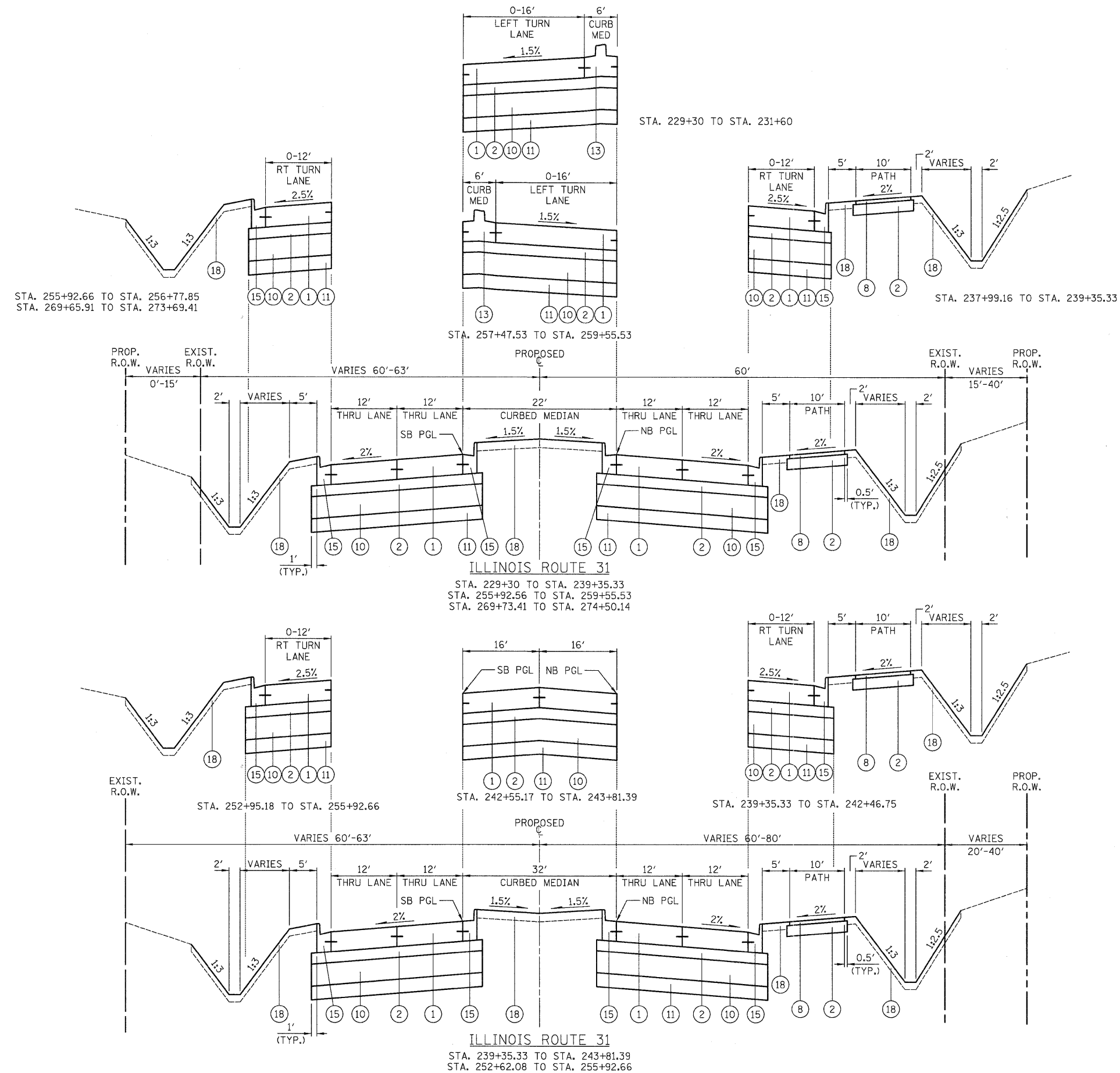


**ILLINOIS ROUTE 31**  
 STA 214+28.36 TO STA 229+30  
 STA. 259+55.33 TO STA. 262+60.04  
 STA. 264+80.54 TO STA. 269+73.41

FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS</b>	F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 11	
Y:\2278 Virginia Klassen\cad\sheet\03-Typical\2278_TYP.02.dgn	PLOT SCALE = 1:8000' / in.	CHECKED - GAB	REVISED -			SCALE: NONE	SHEET NO. 3 OF 8 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT HPP-4064(003)
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -								
<b>CONTRACT NO. 63553</b>											

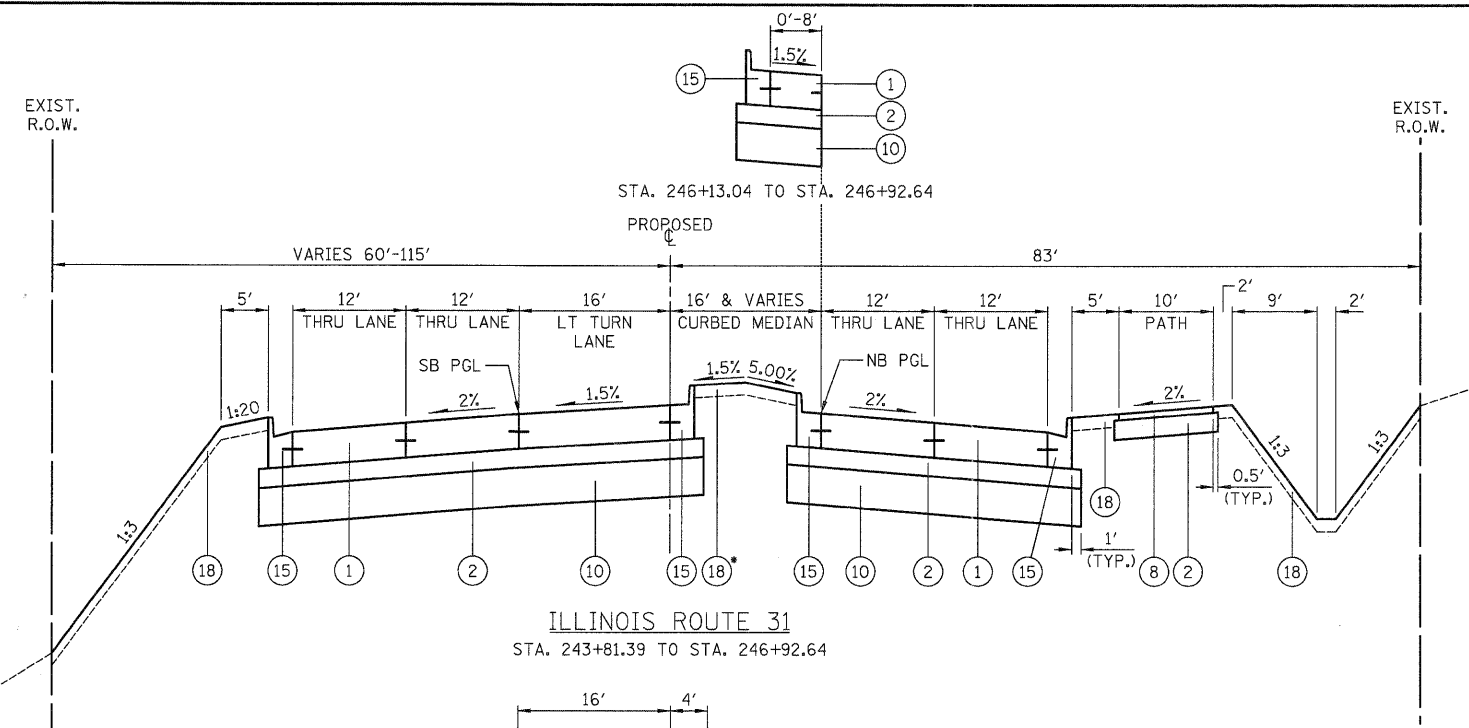
PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ③ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm), 1 3/4"
- ④ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12 1/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ⑥ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2"
- ⑦ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 11 1/2"
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- ⑨ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
- ⑩ AGGREGATE SUBGRADE, 12"
- ⑪ POROUS GRANULAR EMBANKMENT, SUBGRADE, VARIABLE DEPTH - SEE TABLE
- ⑫ NUMBER NOT USED
- ⑬ CONCRETE MEDIAN, TYPE SB-6.12
- ⑭ CONCRETE MEDIAN, TYPE SB-6.24
- ⑮ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- ⑯ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑰ AGGREGATE SHOULDERS, TYPE B 6"
- ⑱ TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER, AND EROSION MAT

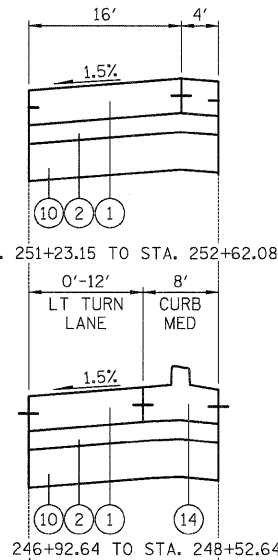


ILLINOIS ROUTE 31  
POROUS GRANULAR EMBANKMENT, SUBGRADE  
VARIABLE DEPTH

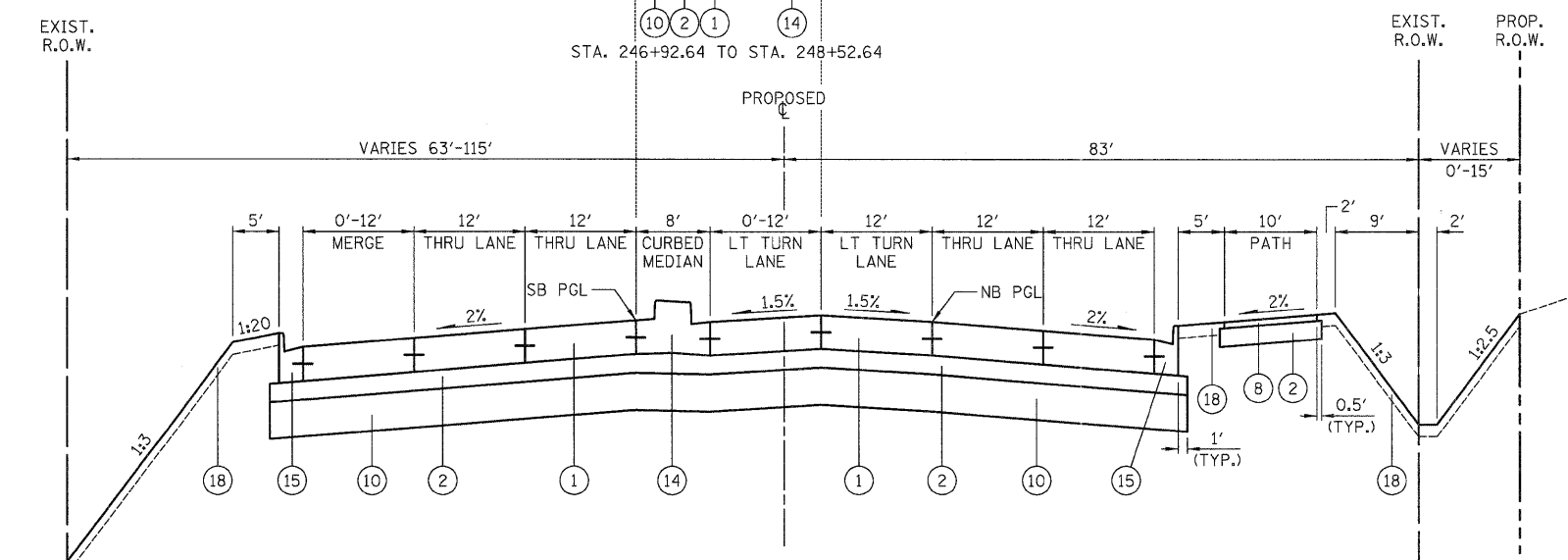
STATION	DEPTH	DESCRIPTION
208+78.12 TO 209+50	6"	PGE, SUBGRADE
230+85 TO 234+65	6"	PGE, SUBGRADE
234+65 TO 237+60	8"	PROCESS AND RECOMPACT
237+60 TO 240+85	8"	PGE, SUBGRADE
240+85 TO 255+75	8"	PROCESS AND RECOMPACT
271+90 TO 273+60	6"	PGE, SUBGRADE
273+60 TO 276+60	12"	PGE, SUBGRADE



ILLINOIS ROUTE 31  
STA. 243+81.39 TO STA. 246+92.64



STA. 251+23.15 TO STA. 252+62.08



ILLINOIS ROUTE 31  
STA. 246+92.64 TO STA. 252+62.08

PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ③ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm), 1 3/4"
- ④ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12 1/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ⑥ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2"
- ⑦ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 11 1/2"
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- ⑨ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
- ⑩ AGGREGATE SUBGRADE, 12"
- ⑪ POROUS GRANULAR EMBANKMENT, SUBGRADE, VARIABLE DEPTH - SEE TABLE ON SHEET NO. 12
- ⑫ NUMBER NOT USED
- ⑬ CONCRETE MEDIAN, TYPE SB-6.12
- ⑭ CONCRETE MEDIAN, TYPE SB-6.24
- ⑮ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- ⑯ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑰ AGGREGATE SHOULDERS, TYPE B 6"
- ⑱ TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER, AND EROSION MAT

FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -
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	PLOT SCALE = 1:2000 1/4 in.	CHECKED - GAB	REVISED -
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

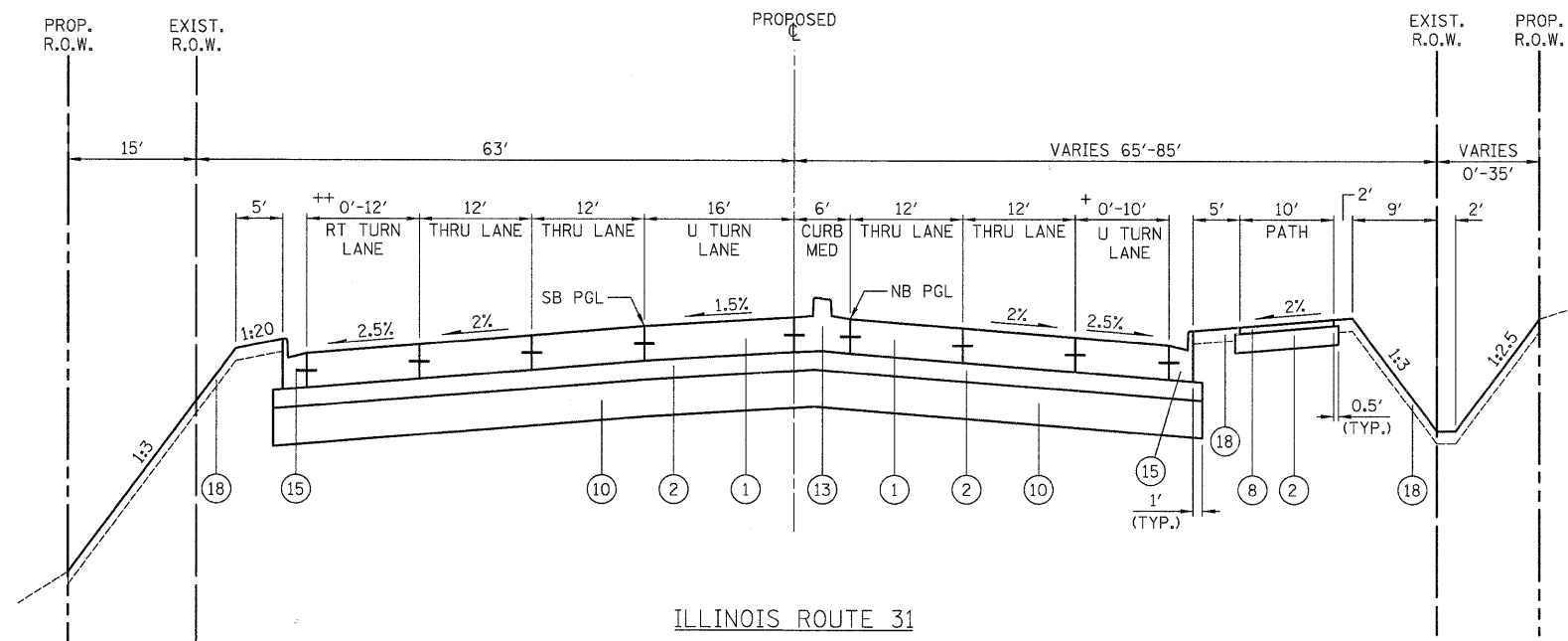
PROPOSED TYPICAL SECTIONS

SCALE: NONE SHEET NO. 5 OF 8 SHEETS STA. TO STA.

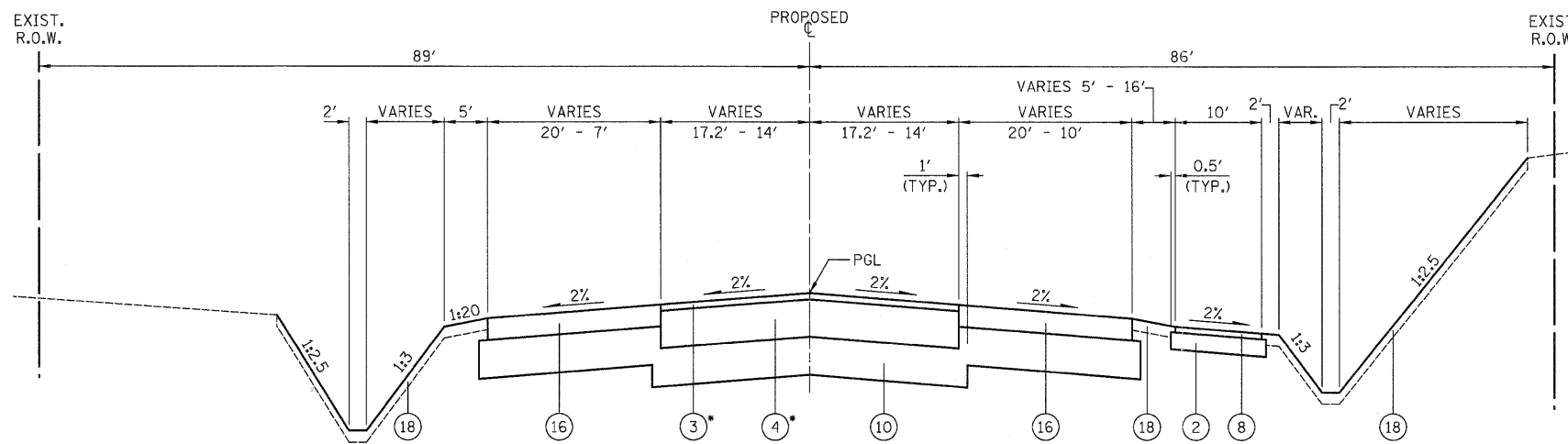
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	96-00209-01-PV	McHENRY	271	13
CONTRACT NO. 63553				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-406(1003)				

PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ③ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm), 1 3/4"
- ④ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12 1/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ⑥ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2"
- ⑦ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 11 1/2"
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- ⑨ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
- ⑩ AGGREGATE SUBGRADE, 12"
- ⑪ POROUS GRANULAR EMBANKMENT, SUBGRADE, VARIABLE DEPTH - SEE TABLE ON SHEET NO. 12
- ⑫ NUMBER NOT USED
- ⑬ CONCRETE MEDIAN, TYPE SB-6.12
- ⑭ CONCRETE MEDIAN, TYPE SB-6.24
- ⑮ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- ⑯ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑰ AGGREGATE SHOULDERS, TYPE B 6"
- ⑱ TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER, AND EROSION MAT



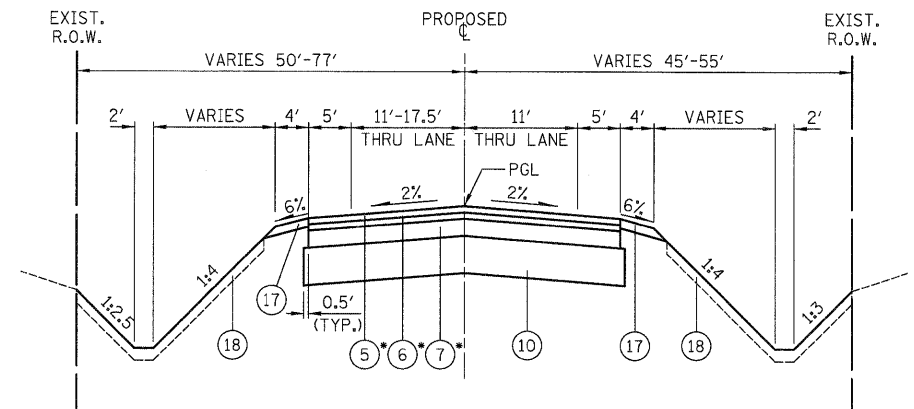
ILLINOIS ROUTE 31  
 STA. 262+60.04 TO STA. 264+80.54  
 + STA. 262+60.04 TO STA. 263+75.04  
 ++ STA. 262+99.53 TO STA. 264+80.54



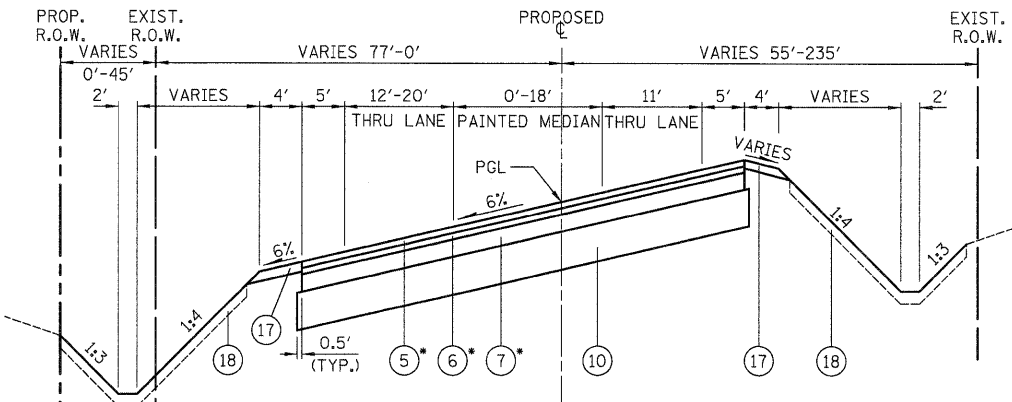
ILLINOIS ROUTE 31  
 STA. 277+50.00 TO STA. 279+44.88

③+④ PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 14"

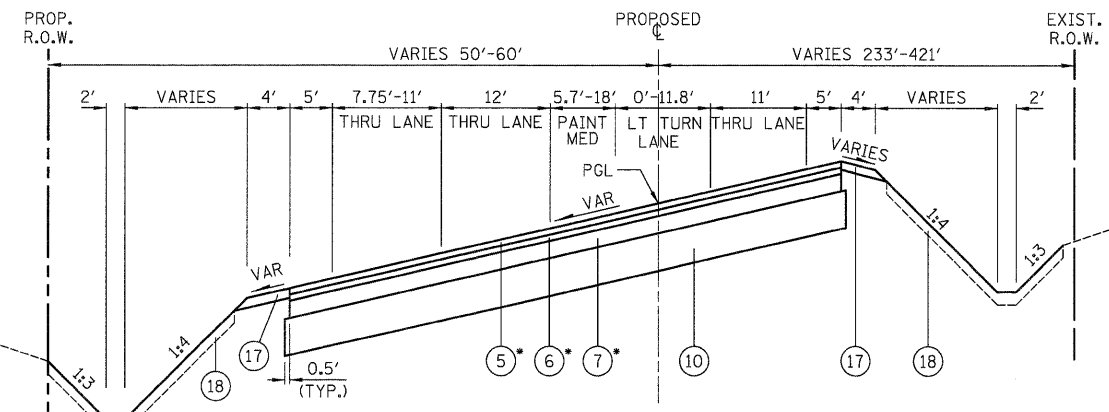
FILE NAME =	USER NAME = dta	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y:\2278 Virginia Kleson\cod\sheet\03-Typicals\2278_TYP_02.dgn	PLOT SCALE = 1/8" = 1' / in.	DRAWN - CTB	REVISED -					3887	96-00209-01-PV	McHENRY	271	14
	PLOT DATE = 10/24/2011	CHECKED - GAB	REVISED -		SCALE: NONE SHEET NO. 6 OF 8 SHEETS STA. TO STA.			CONTRACT NO. 63553				
		DATE - 10/24/11	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-40640031							



VIRGINIA ROAD  
STA. 89+00.00 TO STA. 91+11.00  
\* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13.5"



VIRGINIA ROAD  
STA. 91+11.00 TO STA. 96+02.00  
\* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13.5"



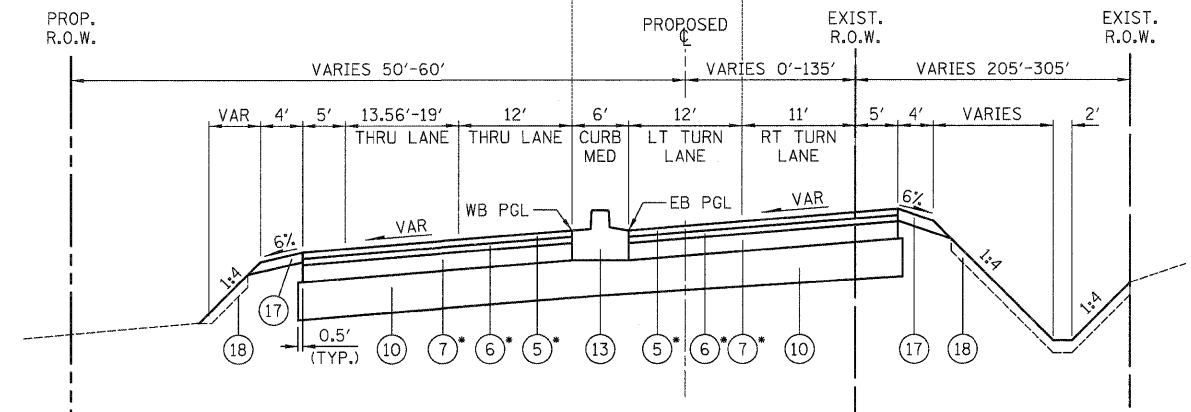
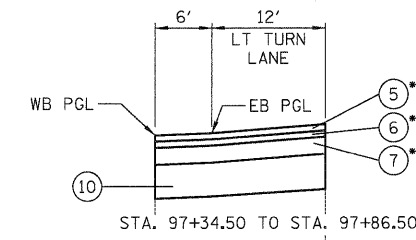
VIRGINIA ROAD  
STA. 96+02.00 TO STA. 97+34.50  
\* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13.5"

PROPOSED LEGEND

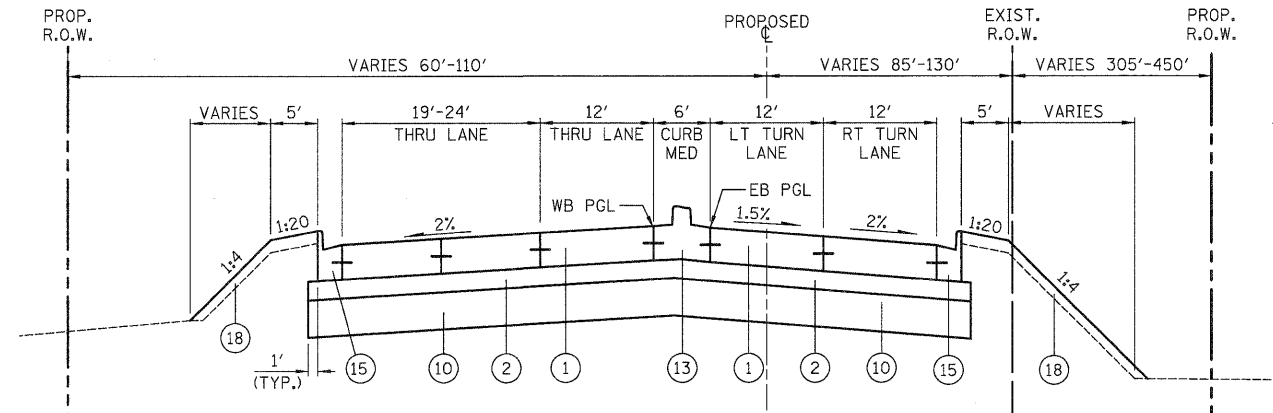
- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ③ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm), 1 3/4"
- ④ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12 1/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ⑥ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2"
- ⑦ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 11 1/2"
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- ⑨ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
- ⑩ AGGREGATE SUBGRADE, 12"
- ⑪ POROUS GRANULAR EMBANKMENT, SUBGRADE, VARIABLE DEPTH - SEE TABLE ON SHEET NO. 12
- ⑫ NUMBER NOT USED
- ⑬ CONCRETE MEDIAN, TYPE SB-6.12
- ⑭ CONCRETE MEDIAN, TYPE SB-6.24
- ⑮ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- ⑯ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑰ AGGREGATE SHOULDERS, TYPE B 6"
- ⑱ TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER, AND EROSION MAT

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR VIRGINIA ROAD

STRUCTURAL TRAFFIC:	YEAR 2021
PV = 8341	SU = 177 MU = 265
ROAD/STREET CLASSIFICATION:	CLASS II
P = 50%	S = 50% M = 50%
TRAFFIC FACTOR:	ACTUAL TF = 0.62
	MINIMUM TF = N/A
AC GRADE:	BINDER = PG 64-22 SURFACE = PG 64-22
SUBGRADE SUPPORT RATING:	SSR = POOR



VIRGINIA ROAD  
STA. 97+86.50 TO STA. 98+40.00  
\* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13.5"



VIRGINIA ROAD  
STA. 98+40.00 TO STA. 99+22.00

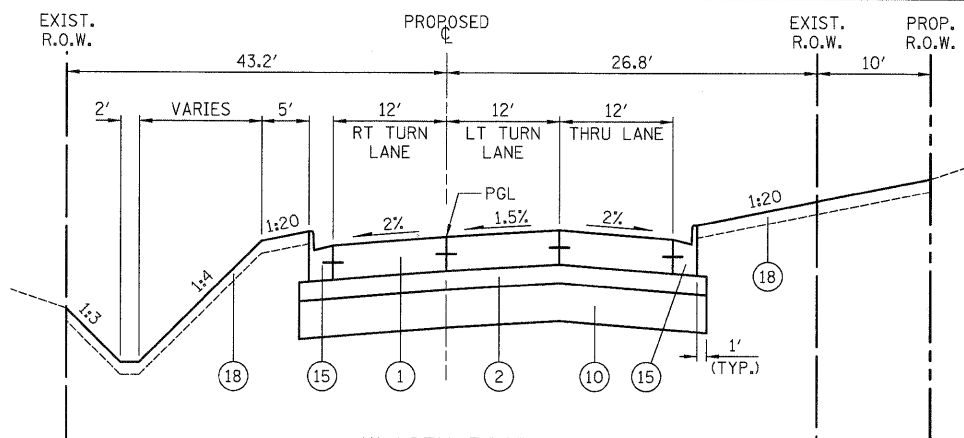
FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED - DTE 12/20/10
Y:\2278 Virginia Klassen\cadd\sheet\03-Typicals\2278_TYP_02.dgn		DRAWN - CTB	REVISED -
PLOT SCALE = 1:2000 1/4" = 1'		CHECKED - GAB	REVISED -
PLOT DATE = 10/24/2011		DATE - 10/24/11	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

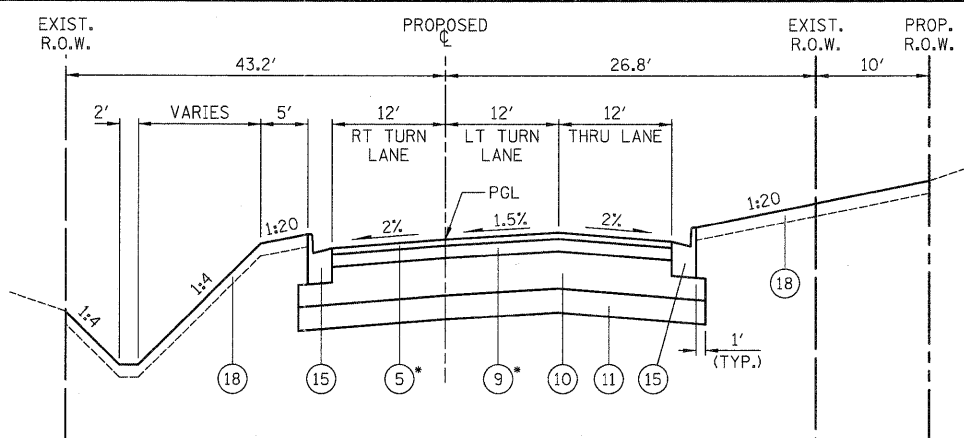
PROPOSED TYPICAL SECTIONS

SCALE: NONE SHEET NO. 7 OF 8 SHEETS STA. TO STA.

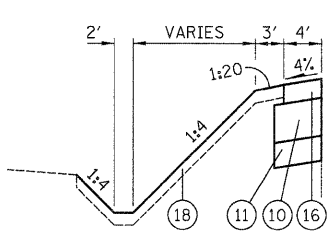
F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 15
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 63553	
FED. AID PROJECT HPP-40640031				



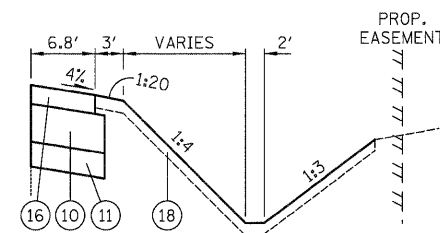
**KLASEEN ROAD**  
STA. 0+90.00 TO STA. 101+18.00



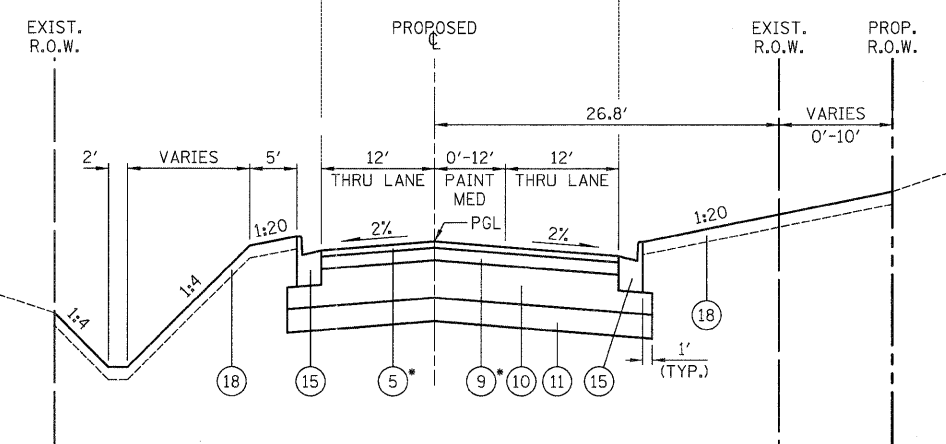
**KLASEEN ROAD**  
STA. 101+18.00 TO STA. 103+80.00 \* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6"



STA. 108+20 TO STA. 108+59.53



STA. 108+20 TO STA. 108+59.53



**KLASEEN ROAD**  
STA. 103+80.00 TO STA. 108+59.53 \* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6"

- PROPOSED LEGEND**
- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
  - ② SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
  - ③ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm), 1 3/4"
  - ④ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12 1/4"
  - ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
  - ⑥ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2"
  - ⑦ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 11 1/2"
  - ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
  - ⑨ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
  - ⑩ AGGREGATE SUBGRADE, 12"
  - ⑪ POROUS GRANULAR EMBANKMENT, SUBGRADE, VARIABLE DEPTH - SEE TABLE
  - ⑫ NUMBER NOT USED
  - ⑬ CONCRETE MEDIAN, TYPE SB-6.12
  - ⑭ CONCRETE MEDIAN, TYPE SB-6.24
  - ⑮ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - ⑯ HOT-MIX ASPHALT SHOULDERS, 6"
  - ⑰ AGGREGATE SHOULDERS, TYPE B 6"
  - ⑱ TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER, AND EROSION MAT

**MIXTURE REQUIREMENT**

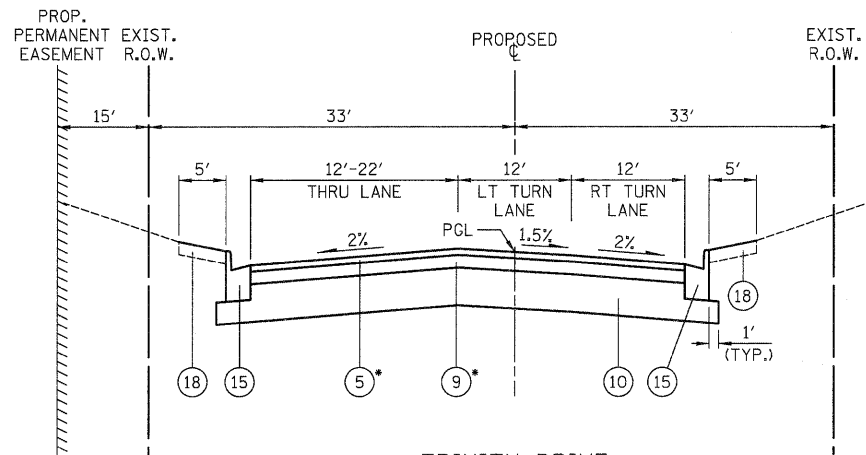
PAY ITEM	AIR VOIDS @ Ndes
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6" - KLASEEN ROAD, TRINITY DRIVE, AND LINDEN AVENUE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (4") (IN 2 LIFTS)	4% @ 50 GYR.
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13.5" - VIRGINIA ROAD	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm) (2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (9 1/2") (IN 4 LIFTS)	4% @ 50 GYR.
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14" - IL ROUTE 31	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm) (1 3/4")	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (12 1/4") (IN 4 LIFTS)	4% @ 90 GYR.
STABILIZED HOT-MIX ASPHALT PATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6", 8"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19mm) (PE-4", CE-6")	4% @ 50 GYR.
TEMPORARY PAVEMENT, 9"	
TEMP PAVEMENT (HMA BINDER IL-19mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm) (7") (IN 3 LIFTS)	4% @ 50 GYR.
CLASS D PATCHES, TYPE II, III, AND IV, 10"	
CLASS D PATCH (HMA BINDER IL-19mm) (10") (IN 4 LIFTS)	4% @ 70 GYR.
HOT-MIX ASPHALT SHOULDERS, 6"	
HMA SHOULDER (HMA BINDER IL-19mm) (6") (IN 3 LIFTS)	4% @ 50 GYR.

**NOTES:**

1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LB/SY-IN.
2. FOR PERCENT OF RAP, SEE DISTRICT ONE SPECIAL PROVISIONS.
3. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA, THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

**KLASEEN ROAD**  
POROUS GRANULAR EMBANKMENT, SUBGRADE, VARIABLE DEPTH

STATION	DEPTH	DESCRIPTION
99+00 TO 103+65	12"	PGE, SUBGRADE
103+65 TO 108+59	8"	PGE, SUBGRADE



**TRINITY DRIVE**  
STA. 0+90.00 TO STA. 1+47 \* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6"

**STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR KLASEEN ROAD**

STRUCTURAL TRAFFIC:	YEAR 2021
PV = 2972	SU = 30 MU = 30
ROAD/STREET CLASSIFICATION:	CLASS II
P = 50%	S = 50% M = 50%
TRAFFIC FACTOR:	ACTUAL TF = 0.08
	MINIMUM TF = N/A
AC GRADE:	BINDER = PG 64-22 SURFACE = PG 64-22
SUBGRADE SUPPORT RATING:	SSR = POOR



STATION TO STATION		EARTH EXCAVATION																	
		STAGE 1A & B			STAGE 1C			STAGE 2A			STAGE 2B & C			STAGE 3			TOTALS BY STATION		
		CUT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	CUT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	CUT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	CUT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	CUT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	CUT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION
(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	
IL ROUTE 31	208+78.12 TO 215+00	350.1	2.7	347.4	0.0	0.0	0.0	0.0	0.0	583.8	7.9	575.9	417.8	0	417.8	1351.7	10.6	1341.1	
	215+00 TO 225+00	1419.7	0.0	1419.7	0.0	0.0	0.0	0.0	0.0	2184.2	0.0	2184.2	487.8	0	487.8	4091.7	0.0	4091.7	
	225+00 TO 235+00	2831.7	208.0	2623.7	0.0	0.0	0.0	0.0	0.0	3922.5	194.4	3728.1	963.4	34.6	928.8	7717.6	437.0	7280.6	
	235+00 TO 245+00	692.1	249.5	442.6	0.0	0.0	0.0	137.6	0.0	3263.3	285.6	2977.7	148.2	37.2	111	4241.2	572.3	3668.9	
	245+00 TO 255+00	64.6	0.0	64.6	0.0	0.0	0.0	46.9	0.0	1352.8	0.0	1352.8	0	0	0	1464.3	0.0	1464.3	
	255+00 TO 265+00	2133.9	0.0	2133.9	0.0	0.0	0.0	0.0	0.0	4886.9	0.0	4886.9	726.3	0	726.3	7747.1	0.0	7747.1	
	265+00 TO 275+00	2869.7	249.8	2619.9	0.0	0.0	0.0	0.0	0.0	3285.9	229.9	3056	888.7	80.5	808.2	7044.3	560.2	6484.1	
	275+00 TO 279+44.89	1555.7	163.5	1392.2	0.0	0.0	0.0	0.0	0.0	953.2	163.5	789.7	47	130.2	-83.2	2555.9	457.2	2098.7	
KLASEN RD	100+50 TO 104+00	---	---	---	---	---	---	615.6	498.8	116.8	---	---	---	---	---	615.6	498.8	116.8	
	104+00 TO 108+59.53	---	---	---	---	---	---	602.8	458.4	144.4	---	---	---	---	---	602.8	458.4	144.4	
VIRGINIA RD	89+00 TO 93+50	549.9	0.0	549.9	---	---	---	751.1	0.0	751.1	---	---	---	---	---	1301.0	0.0	1301.0	
	93+50 TO 99+00	40.3	0.0	40.3	---	---	---	4646.8	0.0	4646.8	---	---	---	---	---	4687.1	0.0	4687.1	
TRINITY DR	0+90 TO 1+76	819.4	0.0	819.4	---	---	---	---	---	---	---	---	---	---	---	819.4	0.0	819.4	
TOTALS		13327.1	873.5	12453.6	0.0	0.0	0.0	6800.8	957.2	5843.6	20432.6	881.3	19551.3	3679.2	282.5	3396.7	44239.7	2994.5	41245.2
ADJUSTED QUANTITY																		2995	41250

IL ROUTE 31	11917.5	873.5	11044.0	0.0	0.0	0.0	184.5	0.0	184.5	20432.6	881.3	19551.3	3679.2	282.5	3396.7	36213.8	2037.3	34176.5
KLASEN RD	0.0	0.0	0.0	0.0	0.0	0.0	1218.4	957.2	261.2	0.0	0.0	0.0	0.0	0.0	0.0	1218.4	957.2	261.2
VIRGINIA RD	590.2	0.0	590.2	0.0	0.0	0.0	5397.9	0.0	5397.9	0.0	0.0	0.0	0.0	0.0	0.0	5988.1	0.0	5988.1
TRINITY DR	819.4	0.0	819.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	819.4	0.0	819.4

STATION TO STATION		STAGE 1A & B		STAGE 1C		STAGE 2A		STAGE 2B & C		STAGE 3		TOTALS BY STATION	
		EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION
		(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
IL ROUTE 31	208+78.12 TO 215+00	221.5	51.3	0.0	0.0	0.0	0.0	243.2	-76.1	35.7	-319.4	500.4	-344.2
	215+00 TO 225+00	817.8	49.9	0.0	0.0	0.0	0.0	1762.6	562.6	78.9	-335.7	2659.3	276.8
	225+00 TO 235+00	558.6	-1266.1	0.0	0.0	0.0	0.0	680.1	-1876.4	717.9	-71.6	1956.6	-3214.0
	235+00 TO 245+00	2278.2	2259.3	0.0	0.0	1355.6	1238.6	1086.8	-780.1	2263.8	2169.5	6984.4	4887.3
	245+00 TO 255+00	5403.5	5568.9	152.0	152.0	504.5	464.6	4830.2	4231.9	3264.7	3264.7	14154.9	13682.1
	255+00 TO 265+00	538.7	-905.5	0.0	0.0	0.0	0.0	595.5	-2951.5	581.6	-35.8	1715.8	-3892.7
	265+00 TO 275+00	420.6	-1437.9	0.0	0.0	0.0	0.0	945.8	-1084.4	281.1	-405.9	1647.5	-2928.2
	275+00 TO 279+44.89	245.9	-701.9	0.0	0.0	0.0	0.0	450.7	10.0	67.9	138.6	764.5	-553.3
KLASEN RD	100+50 TO 104+00	---	---	---	---	191.6	273.1	---	---	---	---	464.7	273.1
	104+00 TO 108+59.53	---	---	---	---	220.8	315.3	---	---	---	---	536.1	315.3
VIRGINIA RD	89+00 TO 93+50	115.8	-200.3	---	---	114.3	-431.3	---	---	---	---	230.1	-631.6
	93+50 TO 99+00	7461.2	8343.3	---	---	307.6	-3190.8	---	---	---	---	7768.8	5152.5
TRINITY DR	0+90 TO 1+76	---	---	---	---	0.0	-26.0	---	---	---	---	0.0	-26.0
TOTALS BY STAGE		18061.8	11761.1	152.0	152.0	2694.4	-1356.4	10594.9	-1964.1	7291.6	0.0	39383.1	12997.0
CUMULATIVE TOTALS		18061.8	11761.1	18213.8	11913.1	20908.2	10556.7	31503.1	8592.6	38794.7	8592.6		
ADJUSTED QUANTITY												39385	13000

IL ROUTE 31	10484.8	3618.1	152.0	152.0	1860.1	1703.3	10594.9	-1964.1	7291.6	4404.4
KLASEN RD	0.0	0.0	0.0	0.0	412.4	588.4	0.0	0.0	0.0	0.0
VIRGINIA RD	7577.0	8143.0	0.0	0.0	421.9	-3622.1	0.0	0.0	0.0	0.0
TRINITY DR	0.0	0.0	0.0	0.0	0.0	-26.0	0.0	0.0	0.0	0.0
	EMBANKMENT	FURN EX	EMBANKMENT	FURN EX	EMBANKMENT	FURN EX	EMBANKMENT	FURN EX	EMBANKMENT	FURN EX
	STAGE 1A		STAGE 1B		STAGE 2A		STAGE 2B		STAGE 2C	

FURNISHED EXCAVATION = EMBANKMENT - ((1 - SHRINKAGE FACTOR (0.15)) x (EARTH EXCAVATION - TOPSOIL EXCAVATION))

A POSITIVE QUANTITY IMPLIES THAT FURNISHED EXCAVATION WILL BE REQUIRED.

A NEGATIVE QUANTITY IMPLIES THAT THERE IS EXCESS EXCAVATED MATERIAL THAT CAN BE USED ELSEWHERE IN THE PROJECT LIMITS.

FILE NAME =	USER NAME = kwh.str	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y:\2278 Virginia Klaseen\oad\sheet\04-Schedule\2278_SCH.01.dgn	DRAWN - DTE	REVISED -	3887			96-00209-01-PV	McHENRY	271	17	
PLOT SCALE = 1.0000 / 1 in.	CHECKED - GAB	REVISED -	CONTRACT NO. 63553							
PLOT DATE = 12/9/2011	DATE - 10/24/11	REVISED -	SCALE: NONE			SHEET NO. 1 OF 4 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT HPP-4064(003)

STATION	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	REMOVE SIGN PANEL ASSY - TYPE A	RELOCATE SIGN PANEL ASSY - TYPE A	RELOCATE SIGN PANEL ASSY - TYPE B	TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)
	72000100	72000200	72400100	72400500	72400600	72800100	X7280105
	(SQFT)	(SQFT)	(EACH)	(EACH)	(EACH)	(FOOT)	(FOOT)
IL ROUTE 31 208+78.12 TO 223+50	113.16	16	4	10	1	338	0
223+50 TO 238+50	105.00	0	6	3	2	240	0
238+50 TO 253+50	122.38	22.5	7	10	2	333	43
253+50 TO 268+00	136.50	42.5	3	4	0	426	0
268+00 TO 279+44.88	69.00	0	2	2	0	212	0
KLASEN RD 100+14.50 TO 108+59.53	65.34	0	1	8	0	201	0
VIRGINIA RD 89+00 TO 99+19.50	48.44	0	0	2	2	0	133
TRINITY DR 0+90 TO 1+65	20.41	0	0	0	1	16	0
TOTALS	680.23	81	23	39	8	1766	176

STATION	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	MULCH, METHOD 2
	25000210	25000400	25000600	25200110	25100630	28000250	25100115
	(ACRE)	(POUND)	(POUND)	(SQYD)	(SQYD)	(POUND)	(ACRE)
IL ROUTE 31 208+78.12 TO 226+00	1.62	113.94	113.94	1360	7831	161.80	0.01
226+00 TO 240+00	1.88	138.69	138.69	2093	9095	187.91	0.00
240+00 TO 253+50	2.54	163.16	163.16	860	12302	254.17	1.05
253+50 TO 268+00	1.59	117.60	117.60	1813	7674	158.55	0.00
268+00 TO 279+44.88	1.05	88.12	88.12	2035	5074	104.83	0.00
LANDSCAPED MEDIANS	1.04	62.16	62.16	0	5015	103.60	0.00
KLASEN RD 100+50 TO 108+59.53	0.68	46.02	46.02	421	3291	68.00	0.29
VIRGINIA RD 89+00 TO 98+00	2.27	147.72	147.72	947	10969	226.63	1.49
TOTALS	12.66	877.42	877.42	9529	61251	1265.49	2.84
ADJUSTED QUANTITY	12.75	880	880	---	---	1270	3.00

STATION TO STATION	TOPSOIL EXCAVATION					TOTALS BY STATION
	STAGE 1A & B	STAGE 1C	STAGE 2A	STAGE 2B & C	STAGE 3	
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
IL ROUTE 31 208+78.12 TO 215+00	147.2	---	---	200.2	---	200.2
215+00 TO 225+00	516.3	---	---	772.4	---	772.4
225+00 TO 235+00	477.0	---	---	720.5	---	720.5
235+00 TO 245+00	420.4	---	---	781.3	---	781.3
245+00 TO 255+00	259.2	---	---	648.9	---	648.9
255+00 TO 265+00	434.9	---	---	714.0	---	714.0
265+00 TO 275+00	433.4	---	---	667.5	---	667.5
275+00 TO 279+44.89	277.1	---	---	271.2	---	271.2
KLASEN RD 100+50 TO 104+00	---	---	212.7	---	---	212.7
104+00 TO 108+59.53	---	---	255.6	---	---	255.6
VIRGINIA RD 89+00 TO 93+50	178.0	---	109.2	---	---	287.2
93+50 TO 99+00	1078.1	---	531.0	---	---	1609.1
TRINITY DR 0+90 TO 1+76	---	---	---	---	---	0.0
TOTALS	4221.6	0.0	1108.5	4776.0	0.0	7140.6

STATION TO STATION	TOPSOIL PLACEMENT					TOTALS BY STATION
	STAGE 1A & B	STAGE 1C	STAGE 2A	STAGE 2B & C	STAGE 3	
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
IL ROUTE 31 208+78.12 TO 215+00	81.8	---	---	121.5	---	121.5
215+00 TO 225+00	289.9	---	---	474.7	---	474.7
225+00 TO 235+00	314.7	---	---	486.7	---	486.7
235+00 TO 245+00	333.6	---	---	472.1	---	472.1
245+00 TO 255+00	440.3	---	---	411.8	---	411.8
255+00 TO 265+00	279.1	---	---	444.8	---	444.8
265+00 TO 275+00	260.0	---	---	371.2	---	371.2
275+00 TO 279+44.89	161.6	203.5	---	160.1	---	363.6
KLASEN RD 100+50 TO 104+00	---	---	156.3	---	---	156.3
104+00 TO 108+59.53	---	---	209.0	---	---	209.0
VIRGINIA RD 89+00 TO 93+50	94.9	---	---	132.9	---	227.9
93+50 TO 99+00	178.0	---	---	1427.8	---	1605.8
TRINITY DR 0+90 TO 1+76	---	---	---	---	---	0.0
TOTALS	2433.9	203.5	365.3	4503.6	0.0	5345.3

STATION	TEMPORARY PAVEMENT	TEMPORARY PAVT MARKING - LETTERS & SYMBOLS	TEMPORARY PAVEMENT MARKING LINE - 4"	TEMPORARY PAVEMENT MARKING LINE - 6"	TEMPORARY PAVEMENT MARKING LINE - 12"	TEMPORARY PAVEMENT MARKING LINE - 24"	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET FILTERS
	Z0062456	70300210	70300220	70300240	70300260	70300280	28000305	28000400	28000510
	(SQYD)	(SQFT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(FOOT)	(EACH)
STAGE 1A 208+78.12 TO 221+50	0	0	5217	0	0	11	3	890	15
221+50 TO 236+00	0	0	5800	0	0	0	12	220	17
236+00 TO 250+00	354	72.8	6867	163	44	140	3	569	7
250+00 TO 264+00	220	36.4	5704	0	350	20	1	1428	16
264+00 TO 278+00	0	0	5600	0	0	0	9	619	16
278+00 TO 279+44.88	0	0	1580	0	0	0	2	0	0
* 89+00 TO 99+19.50	1183	0	4870	0	0	0	0	762	5
STAGE 1B 208+78.12 TO 221+50	0	0	0	0	0	0	0	0	0
221+50 TO 236+00	0	0	0	0	0	0	0	0	0
236+00 TO 250+00	0	0	0	0	0	0	0	0	0
250+00 TO 264+00	0	0	154	0	0	0	0	0	0
264+00 TO 278+00	0	0	0	0	0	0	0	0	0
278+00 TO 279+44.88	8	0	0	0	0	0	0	0	0
STAGE 1C 246+50 TO 253+50	940	0	2307	0	21	44	0	0	1
* 89+00 TO 99+19.50	0	0	1416	0	0	0	0	0	0
STAGE 2A 208+78.12 TO 221+50	158	0	6534	0	0	0	0	0	0
221+50 TO 236+00	0	0	4350	0	0	0	0	0	0
236+00 TO 250+00	0	0	4350	0	0	0	0	0	0
250+00 TO 264+00	0	36.4	3658	0	194	37	0	0	0
264+00 TO 278+00	0	36.4	4200	0	106	0	0	0	0
278+00 TO 279+44.88	102	0	2060	0	0	0	0	0	0
* 89+00 TO 99+19.50	21	0	2271	0	130	0	0	0	0
* 100+00 TO 108+59.53	0	0	0	0	0	0	3	616	19
STAGE 2B, 2C & 3 208+78.12 TO 221+50	0	72.8	2829	118	0	28	6	648	11
221+50 TO 236+00	0	0	1350	0	0	0	11	20	20
236+00 TO 250+00	611	72.8	4533	355	78	87	8	80	18
250+00 TO 264+00	0	0	1204	0	0	11	15	0	12
264+00 TO 278+00	0	72.8	1522	200	0	0	13	40	18
278+00 TO 279+44.88	147	0	1421	0	0	0	0	0	2
* 89+00 TO 99+19.50	0	0	0	0	0	0	12	0	0
TOTALS	3744	400.4	79797	1637	122	378	98	5892	177

\* KLASEN STATION RANGE: 100+14.50 TO 108+59.53  
 VIRGINIA STATION RANGE: 89+00 TO 99+19.50  
 TRINITY DR. STATION RANGE: 0+90 TO 1+65

STATION	THERMOPLASTIC PAVT. MARKING- LETTERS & SYMBOLS	THERMOPLASTIC PAVT. MARKING- LINE 4"	THERMOPLASTIC PAVT. MARKING- LINE 6"	THERMOPLASTIC PAVT. MARKING- LINE 12"	THERMOPLASTIC PAVT. MARKING- LINE 24"	POLYUREA PAVT. MARKING TYPE I- LETTERS & SYMBOLS	POLYUREA PAVT. MARKING TYPE I- LINE 4"	POLYUREA PAVT. MARKING TYPE I- LINE 6"	POLYUREA PAVT. MARKING TYPE I- LINE 12"	POLYUREA PAVT. MARKING TYPE I- LINE 24"	RAISED REFLECTIVE PAVEMENT MARKING	RECESSED REFLECTIVE PAVEMENT MARKER
	78000100	78000200	78000400	78000600	78000650	78008200	78008210	78008230	78008250	78008270	78100100	X7810300
	(SQFT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQFT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)
IL ROUTE 31 208+78.12 TO 223+50	0	2626	0	132	0	162	1398	575	225	91	71	0
223+50 TO 253+50	0	0	40	0	43	400	1355	2601	226	207	156	4
253+50 TO 279+44.88	0	435	0	0	33	230	2864	1751	284	0	123	0
KLASEN RD 100+14.50 TO 108+59.53	73	2206	308	41	32	73	206	103	0	31	29	0
VIRGINIA RD 89+00 TO 99+19.50	73	5244	80	99	0	0	31	80	0	29	0	43
TRINITY DR 0+90 TO 1+65	73	114	57	0	0	0	24	12	0	25	0	0
*EXISTING MARKINGS REPLACEMENT	0	2013	1882	70	0	0	0	0	0	0	0	0
TOTALS	219	12638	2367	342	108	865	5878	5122	735	383	379	47

STATION	HOT-MIX ASPHALT SURFACE CSE, MIX "D", N50	HOT-MIX ASPHALT PAVEMENT, (FULL-DEPTH), 13.5"	HOT-MIX ASPHALT PAVEMENT, (FULL-DEPTH), 6"	HOT-MIX ASPHALT PAVEMENT, (FULL-DEPTH), 14"	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	HOT-MIX ASPHALT SHOULDERS, 6"	AGGREGATE SHOULDERS, TYPE B 6"	AGGREGATE SUBGRADE 12"	SUB-BASE GRANULAR MATERIAL TYPE B 6 INCH	POROUS GRANULAR EMBANKMENT, SUBGRADE
	40603335	40701951	40701801	40701961	42000501	48203021	48101500	Z0001050	31101400	Z0042002
	(TON)	(SQYD)	(SQYD)	(SQYD)	(SQYD)	(SQYD)	(SQYD)	(SQYD)	(SQYD)	(CUYD)
IL ROUTE 31 208+78.12 TO 213+50	9	0	104	862	831	428	0	1916	1009	0
213+50 TO 219+00	56	0	0	186	4347	0	0	5236	5618	0
219+50 TO 224+50	69	0	0	0	3691	0	0	4541	5259	0
224+50 TO 229+80	52	0	0	0	3859	0	0	4540	5144	0
229+80 TO 235+00	65	0	0	0	2899	0	0	3726	4377	443
235+00 TO 240+20	49	0	0	0	2946	0	0	3478	3958	439
240+20 TO 245+40	51	0	0	0	4520	0	0	5186	5689	156
245+40 TO 250+60	58	0	0	0	4124	0	0	4989	5574	0
250+60 TO 255+80	65	0	0	0	4713	0	0	5470	6106	0
255+80 TO 261+00	65	0	0	0	3253	0	0	4063	4720	0
261+00 TO 266+20	65	0	0	0	4732	0	0	5386	6080	0
266+20 TO 271+40	65	0	0	0	3503	0	0	4236	5043	0
271+40 TO 276+60	61	0	0	0	3292	0	0	3939	4622	1098
276+60 TO 279+44.88	32	0	0	700	699	683	0	1939	1520	0
KLASEN RD 100+80 TO 104+00	0	0	1230	0	156	0	0	1678	186	470
104+00 TO 108+59.53	0	0	1618	0	0	40	0	2021	0	449
VIRGINIA RD 89+00 TO 93+50	0	1888	0	0	256	0	333	2378	0	0
93+50 TO 98+80	0	3035	0	0	0	0	424	3937	323	0
TRINITY DR 0+90 TO 1+65	0	0	243	0	89	0	0	392	103	0
TOTALS	762	4923	3195	1748	47910	1151	757	69051	65331	3055

STATION	COMB. CONC. C&G, TYPE B-6.12	COMB. CONC. C&G, TYPE B-6.24	CONC. MEDIAN SURFACE, 4 INCH	CONC. MEDIAN TYPE SB-6.12	CONC. MEDIAN TYPE SB-6.24	CONC. MEDIAN TYPE SM-6.12	PCC SIDEWALK, 5 INCH	PCC DRIVEWAY PAVT. 6 INCH	PCC DRIVEWAY PAVT. 8 INCH	HMA DRIVEWAY PAVEMENT 6 INCH	HMA DRIVEWAY PAVEMENT 8 INCH
	60603800	60605000	60618300	60619600	60620000	60622800	42400200	42300200	42300400	Z0004522	Z0004530
	(FOOT)	(FOOT)	(SQFT)	(SQFT)	(SQFT)	(SQFT)	(SQFT)	(SQYD)	(SQYD)	(SQYD)	(SQYD)
IL ROUTE 31 208+78.12 TO 213+50	0	237	405	0	0	0	138	0	0	0	0
213+50 TO 219+00	0	1222	86	1730	0	0	206	0	1170	87	0
219+50 TO 224+50	0	1802	125	1198	0	0	0	0	0	0	0
224+50 TO 229+80	0	1160	0	1978	0	0	0	0	0	237	0
229+80 TO 235+00	0	2080	0	0	0	0	0	0	0	0	0
235+00 TO 240+20	0	2490	0	0	0	1797	683	0	618	0	0
240+20 TO 245+40	0	1847	0	0	792	0	291	11	0	136	0
245+40 TO 250+60	0	1347	140	0	2957	0	0	0	0	282	0
250+60 TO 255+80	0	1657	0	244	1100	0	0	0	0	0	0
255+80 TO 261+00	134	1744	185	1041	174	278	0	0	0	190	0
261+00 TO 266+20	0	1019	0	2251	0	0	0	0	0	0	0
266+20 TO 271+40	0	1433	0	1491	322	0	0	0	0	0	135
271+40 TO 276+60	0	1626	0	0	322	0	0	0	0	0	112
276+60 TO 279+44.88	0	180	0	0	0	0	0	0	0	0	0
KLASEN RD 100+80 TO 104+00	0	663	0	0	0	0	0	22	0	67	0
104+00 TO 108+59.53	0	817	0	0	0	0	0	41	0	125	0
VIRGINIA RD 89+00 TO 93+50	137	0	0	0	0	0	0	0	0	348	0
93+50 TO 98+80	0	34	0	697	0	0	0	0	0	0	0
TRINITY DR 0+90 TO 1+65	0	153	0	0	0	0	0	0	0	0	0
TOTALS	271	21511	941	10630	5667	2075	1318	74	1788	1472	247

ILLINOIS ROUTE 31  
PROPOSED C COORDINATE TABLE

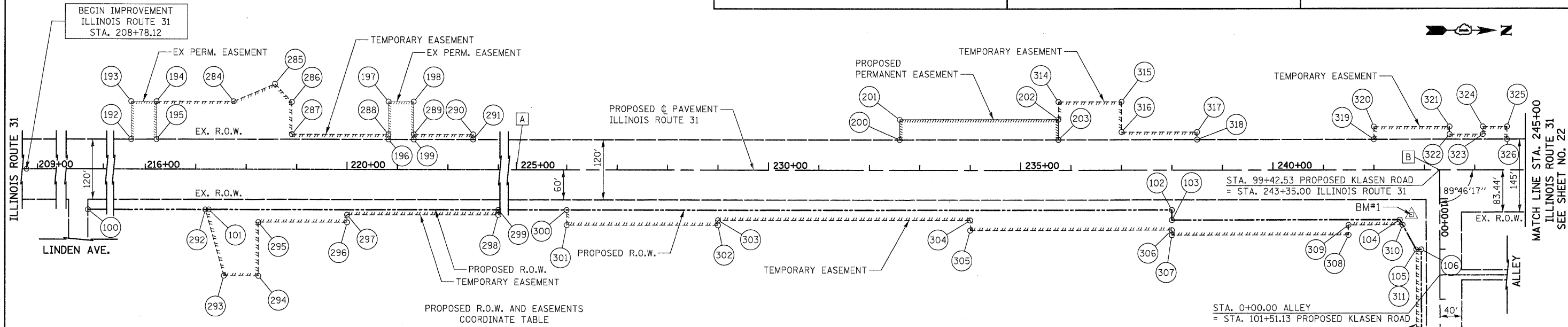
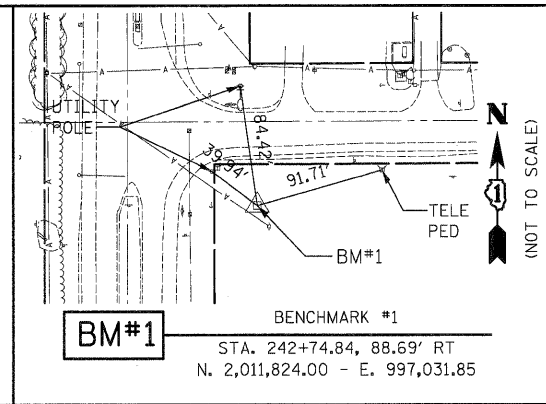
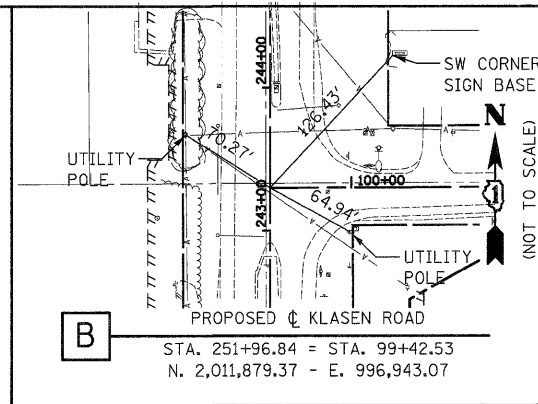
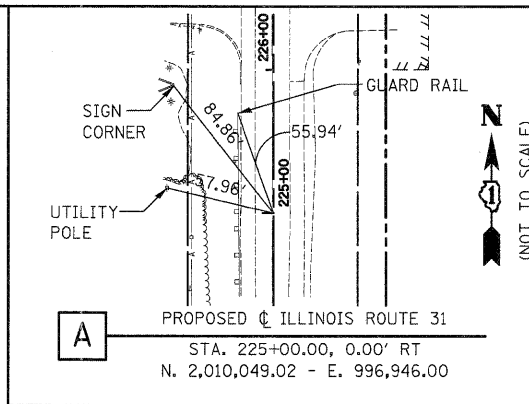
STATION	NORTHING	EASTING
203+07.81	2,007,856.836	996,949.507
243+89.76	2,011,938.779	996,942.979
248+97.36	2,012,446.378	996,942.167
275+94.90	2,015,143.910	996,933.672
280+00.00	2,015,549.008	996,932.396

KLASEN ROAD  
PROPOSED C COORDINATE TABLE

STATION	NORTHING	EASTING
99+42.53	2,011,879.367	996,943.074
110+61.61	2,011,885.624	998,062.140

BENCHMARKS

BM #	APPROXIMATE LOCATION	ELEVATION
1	FOUND MONUMENT "MCH31-1A" IN SE QUADRANT OF THE INTERSECTION OF ILLINOIS ROUTE 31 AND KLASEN ROAD	894.66



PROPOSED R.O.W. AND EASEMENTS COORDINATE TABLE

POINT #	DESCRIPTION	STATION	OFFSET	NORTHING	EASTING
100	PROPOSED R. O. W.	212+69.45	80.28' RT	2,008,818.60	997,028.25
101	PROPOSED R. O. W.	217+25.64	80.01' RT	2,009,274.79	997,027.25
102	PROPOSED R. O. W.	238+00.05	78.81' RT	2,011,349.19	997,022.74
103	PROPOSED R. O. W.	238+00.06	98.81' RT	2,011,349.24	997,042.74
104	PROPOSED R. O. W.	242+51.56	98.55' RT	2,011,800.74	997,041.75
105	PROPOSED R. O. W.	100+99.99 (K)	46.80' RT	2,011,833.45	997,100.80
106	PROPOSED R. O. W.	100+99.99 (K)	36.80' RT	2,011,843.45	997,100.74
107	PROPOSED R. O. W.	105+99.97 (K)	36.80' RT	2,011,846.24	997,600.71
108	PROPOSED R. O. W.	105+99.97 (K)	26.80' RT	2,011,856.24	997,600.66
192	PERMANENT EASEMENT	215+71.97	59.89' LT	2,009,120.90	996,887.59
193	PERMANENT EASEMENT	215+71.92	134.89' LT	2,009,120.74	996,812.61
194	PERMANENT EASEMENT	216+21.93	134.92' LT	2,009,170.74	996,812.49
195	PERMANENT EASEMENT	216+21.97	59.92' LT	2,009,170.90	996,887.48
196	PERMANENT EASEMENT	220+81.97	60.19' LT	2,009,630.90	996,886.48
197	PERMANENT EASEMENT	220+81.93	135.19' LT	2,009,630.74	996,811.48
198	PERMANENT EASEMENT	221+31.93	135.22' LT	2,009,680.74	996,811.37
199	PERMANENT EASEMENT	221+31.97	60.22' LT	2,009,680.90	996,886.37
200	PERMANENT EASEMENT	232+60.00	60.87' LT	2,010,808.93	996,883.91
201	PERMANENT EASEMENT	232+60.00	100.87' LT	2,010,808.86	996,843.23
202	PERMANENT EASEMENT	235+74.94	101.06' LT	2,011,123.80	996,843.23
203	PERMANENT EASEMENT	235+74.96	61.06' LT	2,011,123.89	996,883.23
284	PERMANENT EASEMENT	217+74.93	135.01' LT	2,009,323.74	996,812.15
285	PERMANENT EASEMENT	218+56.96	169.28' LT	2,009,405.72	996,777.75
286	PERMANENT EASEMENT	218+90.42	133.98' LT	2,009,439.23	996,813.00
287	PERMANENT EASEMENT	218+90.42	70.08' LT	2,009,439.34	996,876.90
288	PERMANENT EASEMENT	220+81.97	70.19' LT	2,009,630.88	996,876.48
289	PERMANENT EASEMENT	221+31.97	70.22' LT	2,009,680.88	996,876.37
290	PERMANENT EASEMENT	222+50.00	70.29' LT	2,009,798.91	996,876.11
291	PERMANENT EASEMENT	222+50.00	60.29' LT	2,009,798.93	996,886.11
292	PERMANENT EASEMENT	217+19.14	80.02' RT	2,009,268.29	997,027.27
293	PERMANENT EASEMENT	217+55.63	212.00' RT	2,009,305.00	997,159.19
294	PERMANENT EASEMENT	218+24.13	211.96' RT	2,009,373.50	997,159.04

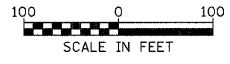
POINT #	DESCRIPTION	STATION	OFFSET	NORTHING	EASTING
295	TEMPORARY EASEMENT	218+24.07	104.96' RT	2,009,373.26	997,052.04
296	TEMPORARY EASEMENT	220+00.06	104.85' RT	2,009,549.25	997,051.65
297	TEMPORARY EASEMENT	220+00.05	89.86' RT	2,009,549.87	997,037.28
298	TEMPORARY EASEMENT	223+00.00	89.68' RT	2,009,849.17	997,036.01
299	TEMPORARY EASEMENT	223+00.00	79.68' RT	2,009,849.15	997,026.00
300	TEMPORARY EASEMENT	226+00.05	109.51' RT	2,010,149.20	997,025.35
301	TEMPORARY EASEMENT	226+00.06	109.34' RT	2,010,149.26	997,055.35
302	TEMPORARY EASEMENT	229+00.06	99.34' RT	2,010,449.26	997,054.70
303	TEMPORARY EASEMENT	229+00.06	99.05' RT	2,010,449.24	997,044.70
304	TEMPORARY EASEMENT	234+00.06	99.05' RT	2,010,949.24	997,043.61
305	TEMPORARY EASEMENT	234+00.07	119.05' RT	2,010,949.28	997,063.61
306	TEMPORARY EASEMENT	238+00.01	118.81' RT	2,011,349.22	997,062.74
307	TEMPORARY EASEMENT	238+00.00	128.81' RT	2,011,349.23	997,072.74
308	TEMPORARY EASEMENT	241+50.07	128.61' RT	2,011,699.30	997,071.97
309	TEMPORARY EASEMENT	241+50.06	108.61' RT	2,011,699.26	997,051.97
310	TEMPORARY EASEMENT	242+57.08	108.55' RT	2,011,806.27	997,051.74
311	TEMPORARY EASEMENT	100+99.99 (K)	46.80' RT	2,011,833.45	997,100.80
312	TEMPORARY EASEMENT	108+74.96 (K)	46.80' RT	2,011,837.78	997,875.75
313	TEMPORARY EASEMENT	108+74.96 (K)	26.80' RT	2,011,857.78	997,875.64
314	TEMPORARY EASEMENT	235+74.92	136.06' LT	2,011,123.73	996,808.23
315	TEMPORARY EASEMENT	236+99.92	136.13' LT	2,011,248.73	996,807.95
316	TEMPORARY EASEMENT	236+99.96	76.13' LT	2,011,248.86	996,867.95
317	TEMPORARY EASEMENT	238+49.96	76.22' LT	2,011,398.86	996,867.63
318	TEMPORARY EASEMENT	238+49.96	61.22' LT	2,011,398.89	996,882.63
319	TEMPORARY EASEMENT	241+99.96	61.42' LT	2,011,748.89	996,881.86
320	TEMPORARY EASEMENT	241+99.95	86.42' LT	2,011,748.83	996,856.86
321	TEMPORARY EASEMENT	243+50.00	86.51' LT	2,011,898.88	996,856.54
322	TEMPORARY EASEMENT	243+50.00	71.51' LT	2,011,898.91	996,871.54
323	TEMPORARY EASEMENT	244+15.90	71.54' LT	2,011,964.81	996,871.39
324	TEMPORARY EASEMENT	244+15.89	86.54' LT	2,011,964.78	996,856.39
325	TEMPORARY EASEMENT	244+63.91	86.57' LT	2,012,012.80	996,856.29
326	TEMPORARY EASEMENT	244+63.91	61.57' LT	2,012,012.84	996,881.29

LEGEND

- EXISTING R.O.W. ————
- PROPOSED R.O.W. - - - - -
- PROPOSED PERMANENT EASEMENT ————
- PROPOSED TEMPORARY EASEMENT - - - - -
- TIE POINT ⊕
- BENCHMARK ▲

NOTE:

COORDINATES ARE BASED ON THE PUBLISHED METRIC COORDINATE VALUES AT FOUND GEODETIC SURVEY CONTROL MONUMENT "MCH31 1A", P.I.D. AJ2855, OF N.613,205.182-E.303,895.917. SURFACE COORDINATES ARE SHOWN IN U.S. SURVEY FEET. ELEVATIONS ARE ON NAVD 88 DATUM.

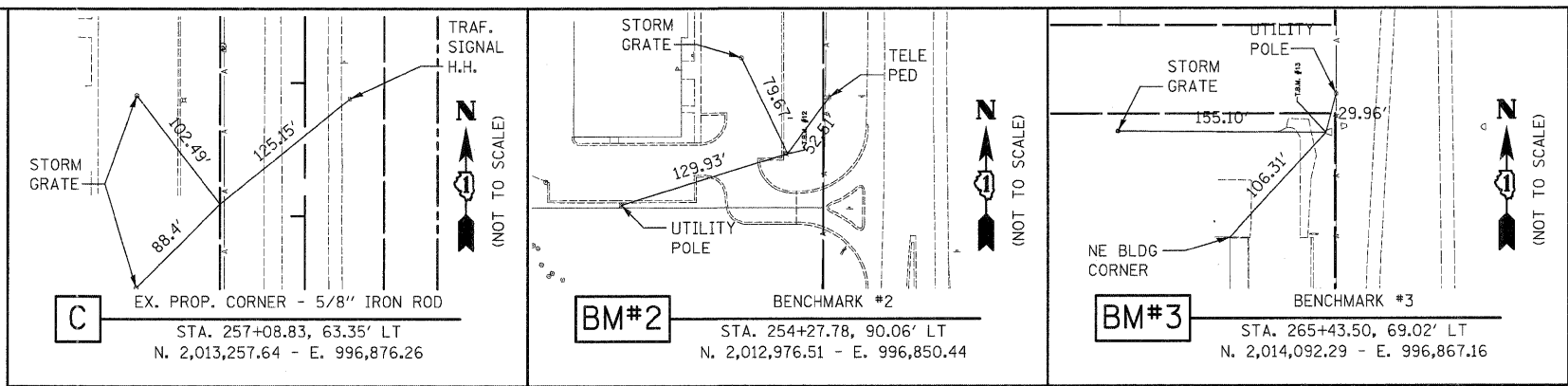


VIRGINIA ROAD  
PROPOSED C COORDINATE TABLE

STATION	NORTHING	EASTING
87+69.77	2,013,270.241	995,912.594
90+00.00	2,013,095.614	996,062.632
91+37.37(PC)	2,012,991.422	996,152.153
94+61.12(PT)	2,012,745.860	996,363.138
97+44.37(PT)	2,012,745.860	996,686.889
99+98.70	2,012,745.860	996,941.224

PROPOSED R.O.W. AND EASEMENTS  
COORDINATE TABLE

POINT #	DESCRIPTION	STATION	OFFSET	NORTHING	EASTING
338	TEMPORARY EASEMENT	258+74.98	63.26' LT	2,013,423.79	996,875.83
339	TEMPORARY EASEMENT	258+74.98	108.26' LT	2,013,423.65	996,830.83
340	TEMPORARY EASEMENT	260+24.98	108.17' LT	2,013,573.65	996,830.45
341	TEMPORARY EASEMENT	260+24.98	68.17' LT	2,013,573.78	996,870.45
342	TEMPORARY EASEMENT	261+61.53	68.08' LT	2,013,710.33	996,870.10
125	PROPOSED R.O.W.	94+92.76 (V)	50.00' LT	2,012,837.13	996,458.06
126	PROPOSED R.O.W.	96+21.02 (V)	50.00' LT	2,012,805.86	996,572.87
127	PROPOSED R.O.W.	98+59.89 (V)	60.00' LT	2,012,805.86	996,802.41
128	PROPOSED R.O.W.	99+34.76 (V)	110.00' LT	2,012,855.86	996,877.28
343	TEMPORARY EASEMENT	90+00.00 (V)	51.87' RT	2,013,061.81	996,023.29
344	TEMPORARY EASEMENT	90+00.00 (V)	66.87' RT	2,013,052.03	996,011.91
345	TEMPORARY EASEMENT	92+00.00 (V)	70.99' RT	2,012,894.93	996,145.50
346	TEMPORARY EASEMENT	92+00.00 (V)	55.92' RT	2,012,905.73	996,156.01
347	TEMPORARY EASEMENT	94+35.95 (V)	64.04' LT	2,012,870.26	996,415.35
348	TEMPORARY EASEMENT	94+35.95 (V)	75.00' LT	2,012,880.19	996,419.99
349	TEMPORARY EASEMENT	96+18.59 (V)	75.00' LT	2,012,830.86	996,575.09
350	TEMPORARY EASEMENT	97+28.43 (V)	84.84' LT	2,012,830.86	996,672.87
351	TEMPORARY EASEMENT	97+28.68 (V)	74.84' LT	2,012,820.86	996,672.87
352	TEMPORARY EASEMENT	98+82.35 (V)	75.00' LT	2,012,820.86	996,824.87
353	TEMPORARY EASEMENT	262+77.53	70.02' LT	2,013,826.32	996,867.81
354	TEMPORARY EASEMENT	264+50.00	69.91' LT	2,013,998.79	996,867.37
204	TEMPORARY EASEMENT	0+10.07	32.92' RT	2,013,739.89	996,708.85
205	TEMPORARY EASEMENT	0+10.07	47.92' RT	2,013,724.89	996,708.90
206	TEMPORARY EASEMENT	1+56.23	47.99' RT	2,013,725.29	996,855.06
355	TEMPORARY EASEMENT	268+77.50	59.90' LT	2,014,426.32	996,876.03
356	TEMPORARY EASEMENT	268+77.52	84.90' LT	2,014,426.26	996,851.03



PROPOSED R.O.W. AND EASEMENTS  
COORDINATE TABLE

POINT	DESCRIPTION	STATION	OFFSET	NORTHING	EASTING
109	PROPOSED R.O.W.	246+89.90	83.30' RT	2,012,239.05	997,025.80
110	PROPOSED R.O.W.	246+89.92	88.30' RT	2,012,239.08	997,030.80
111	PROPOSED R.O.W.	248+50.05	88.20' RT	2,012,399.21	997,030.45
112	PROPOSED R.O.W.	248+50.06	98.20' RT	2,012,399.23	997,040.45
113	PROPOSED R.O.W.	249+89.77	98.27' RT	2,012,539.10	997,040.14
114	PROPOSED R.O.W.	264+19.92	89.65' RT	2,013,969.22	997,027.02
115	PROPOSED R.O.W.	264+19.91	99.65' RT	2,013,969.24	997,037.02
116	PROPOSED R.O.W.	265+05.90	89.74' RT	2,014,055.19	997,026.84
117	PROPOSED R.O.W.	266+39.24	84.86' RT	2,014,188.51	997,021.55
118	PROPOSED R.O.W.	261+56.53	63.09' LT	2,013,705.34	996,875.11
119	PROPOSED R.O.W.	261+91.54	98.07' LT	2,013,740.25	996,840.02
120	PROPOSED R.O.W.	262+57.54	90.03' LT	2,013,806.27	996,847.85
121	PROPOSED R.O.W.	262+84.53	63.01' LT	2,013,833.34	886,874.79
122	PROPOSED R.O.W.	264+50.00	77.91' LT	2,013,998.77	996,859.36
123	PROPOSED R.O.W.	265+57.50	77.85' LT	2,014,106.27	996,859.09
124	PROPOSED R.O.W.	265+57.50	60.21' LT	2,014,106.32	996,876.73
327	TEMPORARY EASEMENT	245+89.91	83.36' RT	2,012,139.07	997,026.01
328	TEMPORARY EASEMENT	245+90.00	113.30' RT	2,012,139.23	997,056.01
329	TEMPORARY EASEMENT	246+22.68	113.34' RT	2,012,171.88	997,055.94
330	TEMPORARY EASEMENT	246+22.66	83.34' RT	2,012,171.81	997,025.94
331	TEMPORARY EASEMENT	249+89.77	98.27' RT	2,012,539.10	997,040.14
332	TEMPORARY EASEMENT	249+89.81	113.27' RT	2,012,539.18	997,055.14
333	TEMPORARY EASEMENT	252+09.89	113.48' RT	2,012,759.27	997,054.66
334	TEMPORARY EASEMENT	252+09.90	98.48' RT	2,012,759.23	997,039.66
335	TEMPORARY EASEMENT	252+93.77	83.60' LT	2,012,842.53	996,857.32
336	TEMPORARY EASEMENT	255+97.93	83.42' LT	2,013,146.69	996,856.54
337	TEMPORARY EASEMENT	255+97.93	63.42' LT	2,013,146.74	996,876.54

LEGEND

- EXISTING R.O.W.
- PROPOSED R.O.W.
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT
- TIE POINT
- BENCHMARK

NOTE:

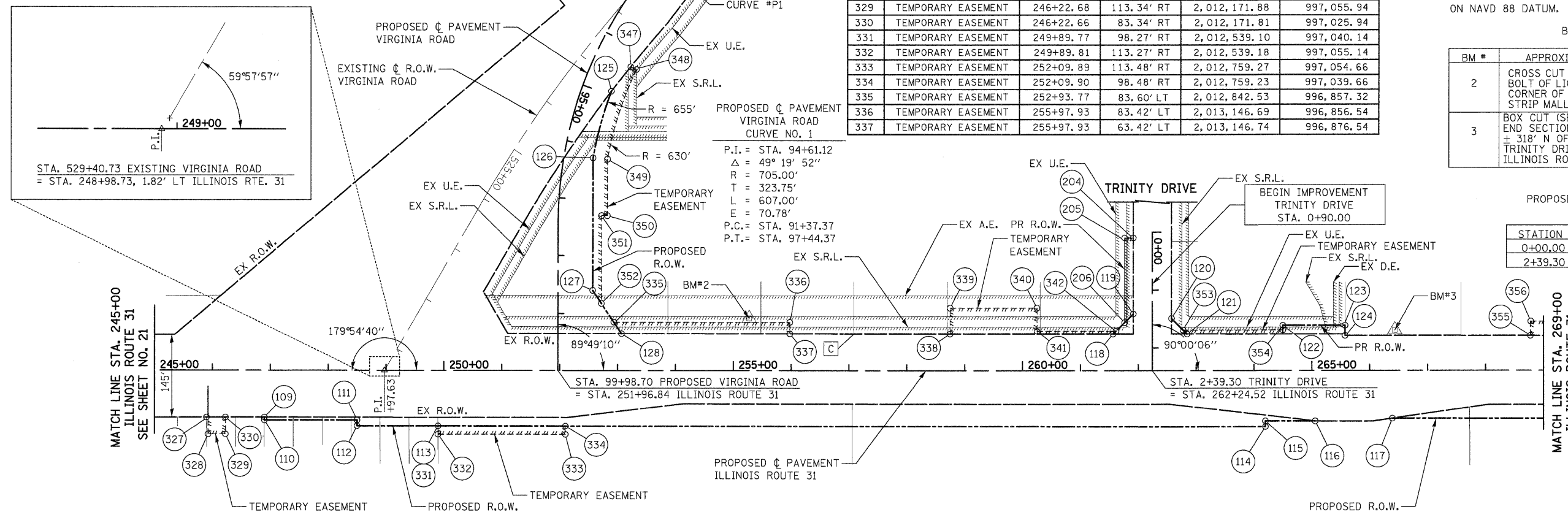
COORDINATES ARE BASED ON THE PUBLISHED METRIC COORDINATE VALUES AT FOUND GEODETIC SURVEY CONTROL MONUMENT "MCH31 1A", P.I.D. AJ2855, OF N.613,205.182-E.303,895.917. SURFACE COORDINATES ARE SHOWN IN U.S. SURVEY FEET. ELEVATIONS ARE ON NAVD 88 DATUM.

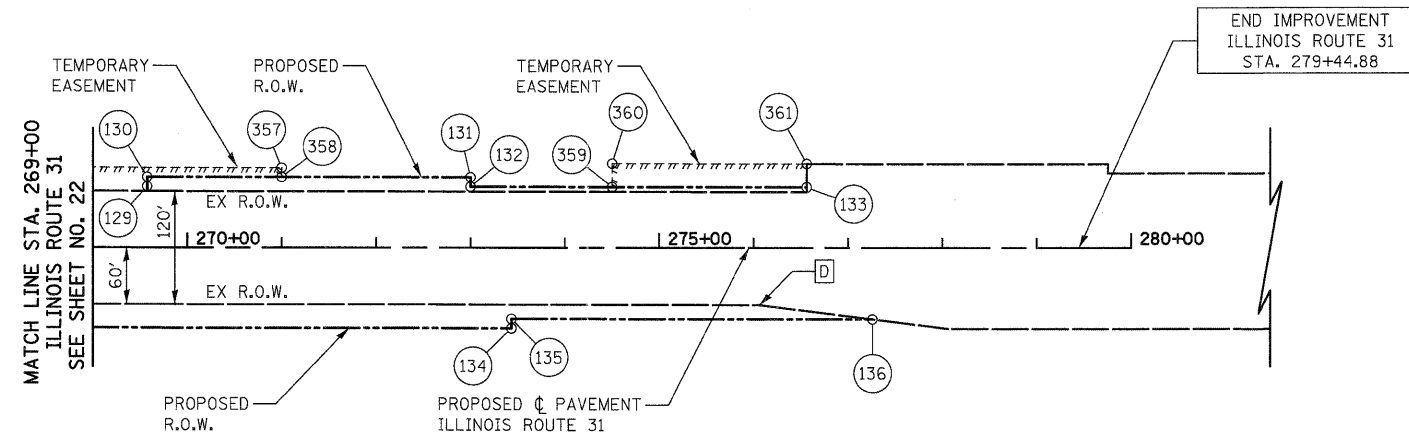
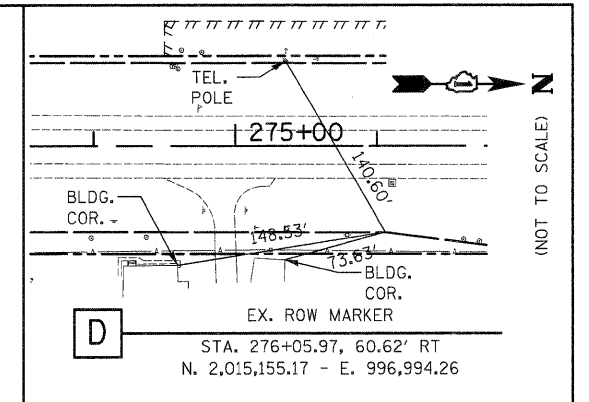
BENCHMARKS

BM #	APPROXIMATE LOCATION	ELEVATION
2	CROSS CUT (SET) IN SE ANCHOR BOLT OF LIGHT POLE IN THE SE CORNER OF PARKING LOT OF STRIP MALL	873.44
3	BOX CUT (SET) IN CONC. FLARED END SECTION OF 30" R.C.P. ± 318' N OF THE CENTER OF TRINITY DRIVE ON W SIDE OF ILLINOIS ROUTE 31	863.89

TRINITY DRIVE  
PROPOSED C COORDINATE TABLE

STATION	NORTHING	EASTING
0+00.00	2,013,772.777	996,698.682
2+39.30	2,013,773.538	996,937.984





**LEGEND**

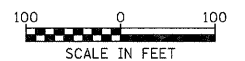
- EXISTING R.O.W.
- PROPOSED R.O.W.
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT
- TIE POINT +
- BENCHMARK ▲

**NOTE:**

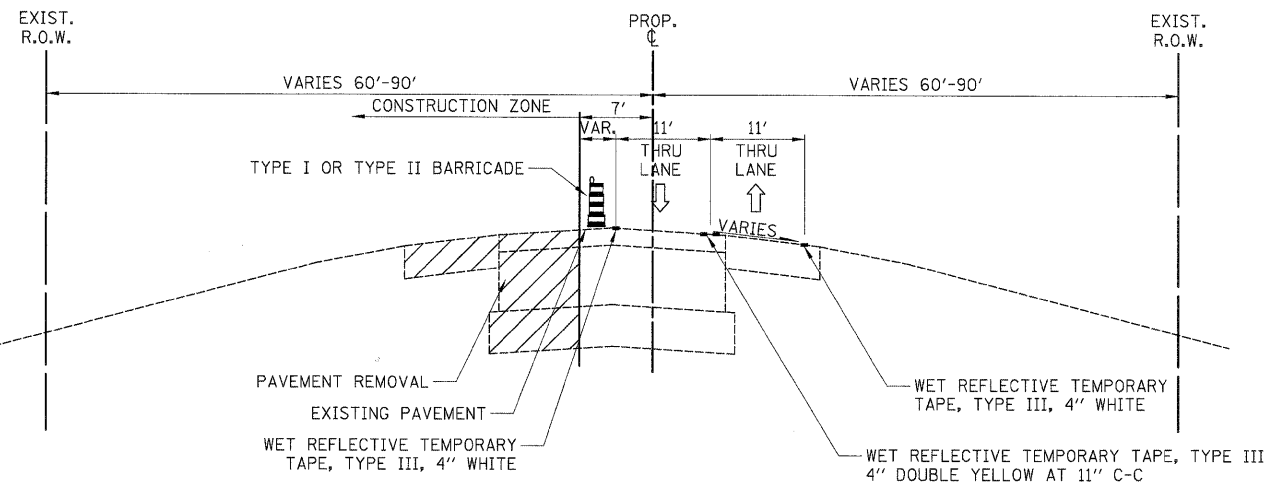
COORDINATES ARE BASED ON THE PUBLISHED METRIC COORDINATE VALUES AT FOUND GEODETIC SURVEY CONTROL MONUMENT "MCH31 1A", P.I.D. AJ2855, OF N.613,205.182-E.303,895.917. SURFACE COORDINATES ARE SHOWN IN U.S. SURVEY FEET. ELEVATIONS ARE ON NAVD 88 DATUM.

PROPOSED R.O.W. AND EASEMENTS  
COORDINATE TABLE

POINT #	DESCRIPTION	STATION	OFFSET	NORTHING	EASTING
129	PROPOSED R. O. W.	269+57.50	50.83' LT	2,014,506.31	996,870.85
130	PROPOSED R. O. W.	269+57.50	74.83' LT	2,014,506.27	996,960.85
131	PROPOSED R. O. W.	273+00.00	74.49' LT	2,014,848.77	996,860.11
132	PROPOSED R. O. W.	273+00.00	64.49' LT	2,014,848.81	996,870.11
133	PROPOSED R. O. W.	276+56.17	64.15' LT	2,015,204.97	996,869.33
134	PROPOSED R. O. W.	273+43.49	85.55' RT	2,014,892.77	997,020.01
135	PROPOSED R. O. W.	273+43.48	75.55' RT	2,014,892.73	997,010.01
136	PROPOSED R. O. W.	277+25.91	75.92' RT	2,015,275.16	997,009.18
357	TEMPORARY EASEMENT	271+00.00	84.69' LT	2,014,648.74	996,850.54
358	TEMPORARY EASEMENT	271+00.00	74.69' LT	2,014,648.77	996,860.54
359	TEMPORARY EASEMENT	274+50.06	64.35' LT	2,014,998.87	996,869.78
360	TEMPORARY EASEMENT	274+50.09	89.35' LT	2,014,998.81	996,844.78
361	TEMPORARY EASEMENT	276+56.19	89.15' LT	2,015,204.92	996,844.33

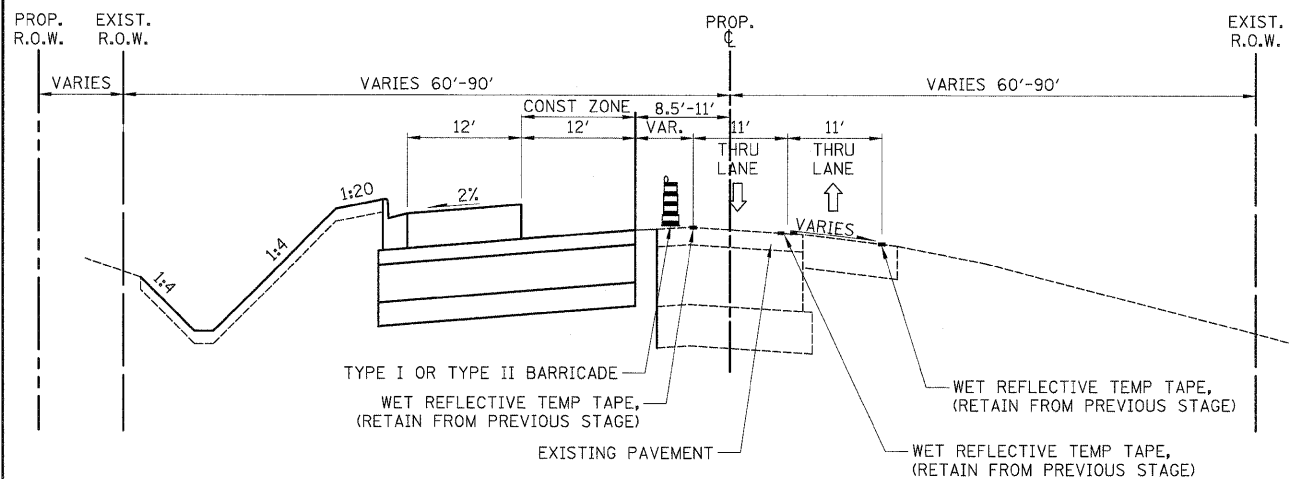


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PLOT SCALE = 100.0000' / in.						SCALE: 1" = 100'		SHEET NO. 3 OF 3 SHEETS		STA. 269+00 TO STA. 279+44.88		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT HPP-406(1003)
PLOT DATE = 10/24/2011						DATE = 10/24/11		CONTRACT NO. 63553				



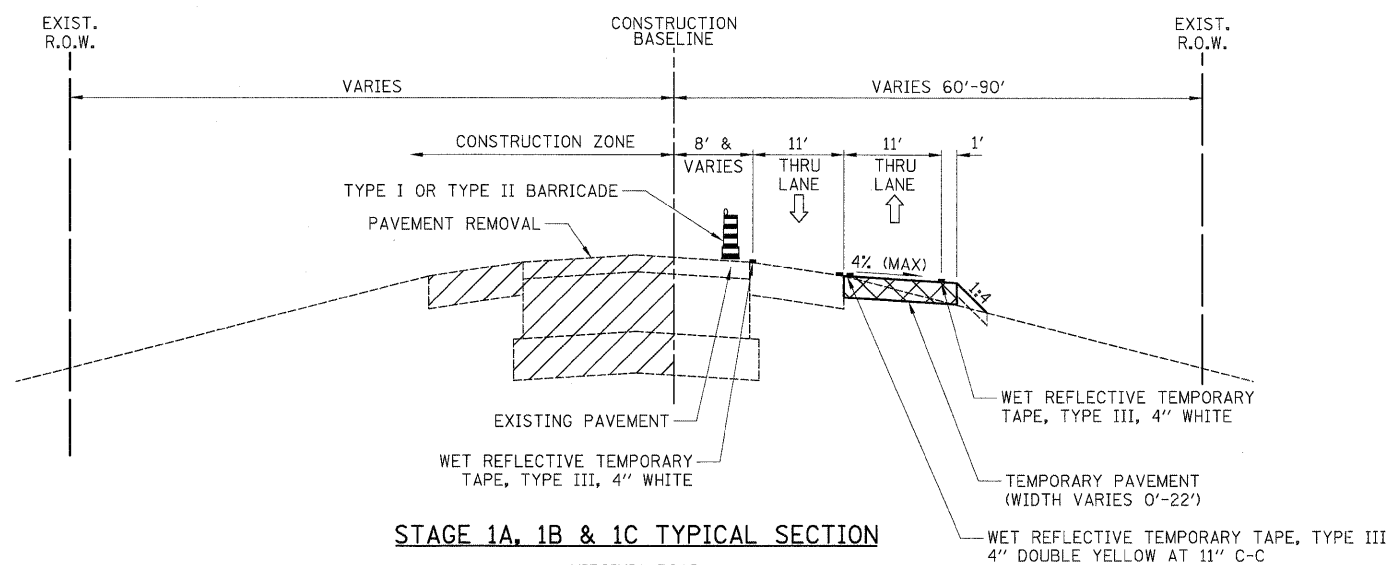
**STAGE 1A TYPICAL SECTION**

ILLINOIS ROUTE 31  
STA. 208+78.12 TO STA. 279+44.88



**STAGE 1B TYPICAL SECTION**

ILLINOIS ROUTE 31  
STA. 208+78.12 TO STA. 279+44.88



**STAGE 1A, 1B & 1C TYPICAL SECTION**

VIRGINIA ROAD  
STA. 89+00 TO STA. 95+00

PRE-STAGE 1A

- CONSTRUCT CULVERTS ON ILLINOIS ROUTE 31 AT STATIONS 221+05, 235+15 AND 265+47. DAILY LANE CLOSURES OF THE SINGLE THRU LANES IN EACH DIRECTION WILL BE ALLOWED IN ACCORDANCE WITH STANDARD 70201. THE EXISTING PAVEMENT SHALL BE PATCHED WITH CLASS D PATCHES, 10 INCH AND SHALL BE PAID AS SUCH.
- CONSTRUCT STORM SEWER ACROSS THE EXISTING PAVEMENT ON VIRGINIA ROAD AT STATION 93+70. DAILY LANE CLOSURES OF THE SINGLE THRU LANES IN EACH DIRECTION WILL BE ALLOWED IN ACCORDANCE WITH STANDARD 70201. THE EXISTING PAVEMENT SHALL BE PATCHED WITH CLASS D PATCHES, 10 INCH AND SHALL BE PAID AS SUCH.
- CONSTRUCT TEMPORARY PAVEMENT ON VIRGINIA ROAD.
- CONSTRUCT TEMPORARY PAVEMENT ON EAST SIDE OF ILLINOIS ROUTE 31.
- INSTALL TEMPORARY TRAFFIC SIGNALS.

STAGE 1A

- INSTALL EROSION CONTROL MEASURES.
- REMOVE CONFLICTING PAVEMENT MARKINGS.
- INSTALL TEMPORARY PAVEMENT MARKINGS.
- CLOSE OFF SOUTHBOUND LANE OF ILLINOIS ROUTE 31. SHIFT TRAFFIC ONTO THE EAST SIDE OF ILLINOIS ROUTE 31.
- CLOSE OFF THE NORTH SIDE OF VIRGINIA ROAD BETWEEN STATIONS 90+00 AND 95+00. SHIFT THE TRAFFIC ON VIRGINIA ROAD TO THE TEMPORARY PAVEMENT.
- REMOVE EXISTING PAVEMENT SHOULDER AND OTHER COMPONENTS.
- GRADE THE SOUTHBOUND LANES, CONSTRUCT STORM SEWER AND OUTSIDE LANE PAVEMENT ON WEST SIDE OF ILLINOIS ROUTE 31.
- CONSTRUCT STORM SEWER AND PAVEMENT FOR RELOCATED VIRGINIA ROAD BETWEEN STATIONS 95+00 AND ILLINOIS ROUTE 31.
- RECONSTRUCT DRIVEWAYS AND DRIVEWAY CULVERTS.
- GRADE THE DITCHES.

PRE-STAGE 1B

- NOTICE OF CLOSURE OF TRINITY ROAD.
- INSTALL REGIONAL DETOUR FOR TRINITY ROAD CLOSURE.

STAGE 1B

- CLOSE TRINITY DRIVE TO COMPLETE CONSTRUCTION OF TRINITY DRIVE AND ILLINOIS ROUTE 31 INTERSECTION
- CONSTRUCT INSIDE LANE PAVEMENT ON WEST SIDE OF ILLINOIS ROUTE 31.
- CONTINUE CONSTRUCTION FOR RELOCATED VIRGINIA ROAD BETWEEN STATIONS 95+00 AND ILLINOIS ROUTE 31.

PRE-STAGE 1C

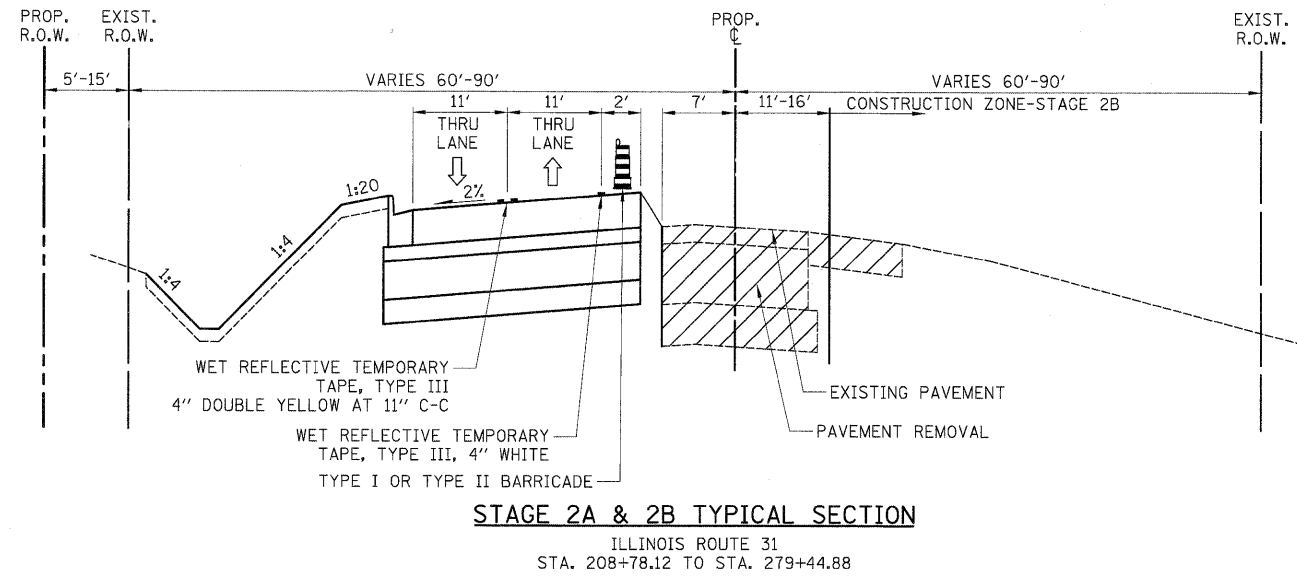
- INSTALL TEMPORARY PAVEMENT MARKING ON TEMPORARY PAVEMENT ON EAST SIDE OF ILLINOIS ROUTE 31.
- CONSTRUCT TEMPORARY PAVEMENT ON ILLINOIS ROUTE 31. DAILY LANE CLOSURES OF THE SINGLE THRU LANES IN EACH DIRECTION WILL BE ALLOWED IN ACCORDANCE WITH STANDARD 70201.
- INSTALL TEMPORARY PAVEMENT MARKING ON ILLINOIS ROUTE 31 TEMPORARY PAVEMENT.
- CONSTRUCT TEMPORARY PAVEMENT AND TEMPORARY PAVEMENT MARKINGS ON WESTBOUND LANES OF VIRGINIA ROAD AT ILLINOIS ROUTE 31.
- COMPLETE CONSTRUCTION OPERATIONS ON RELOCATED VIRGINIA ROAD, RECONSTRUCT DRIVEWAYS AND DRIVEWAY CULVERTS. GRADE THE DITCHES.
- SHIFT TEMPORARY SIGNAL HEADS

STAGE 1C

- SHIFT TRAFFIC TO TEMPORARY PAVEMENT
- COMPLETE PAVEMENT GAP FROM STATION 248+70 TO 249+44 ON THE WEST SIDE OF ILLINOIS ROUTE 31.
- COMPLETE RECONSTRUCT DRIVEWAYS AND DRIVEWAY CULVERTS. GRADE THE DITCHES.

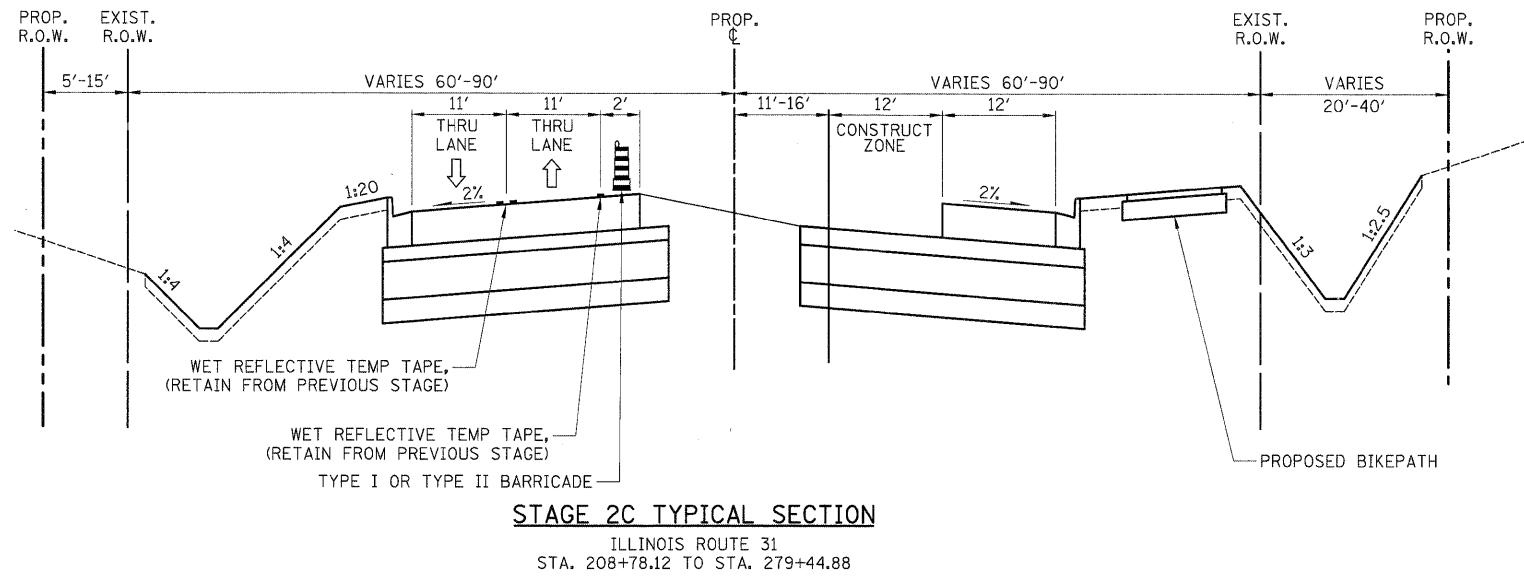
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PLOT DATE = 10/28/2011		DATE - 10/24/11	REVISED -			SCALE: NONE	SHEET NO. 1 OF 31 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-4064003	





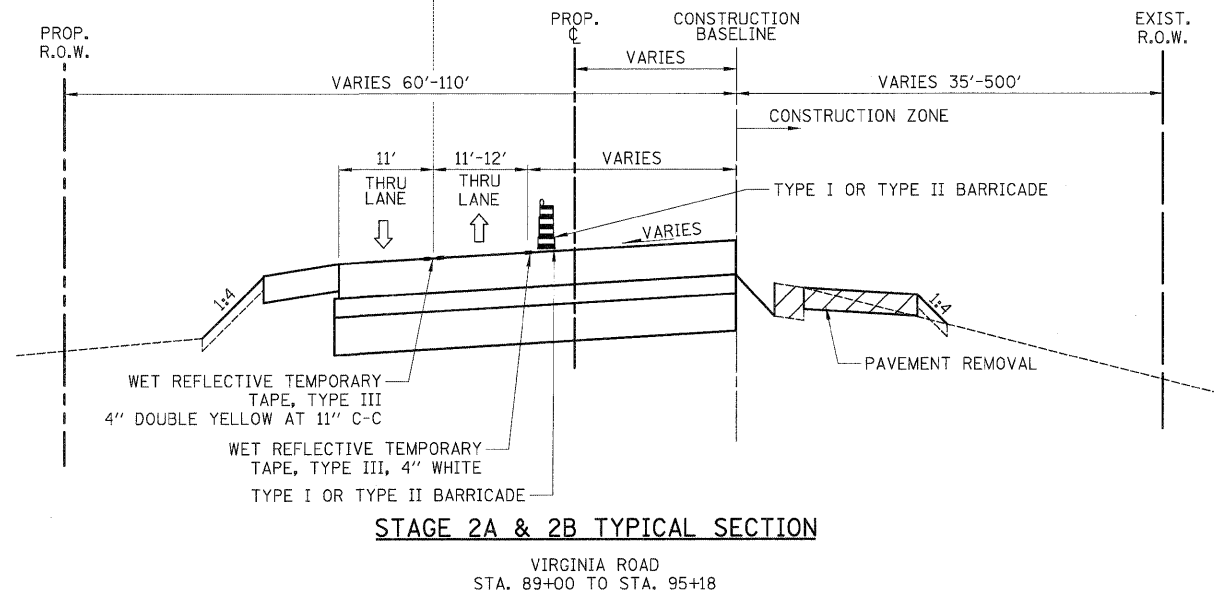
**STAGE 2A & 2B TYPICAL SECTION**

ILLINOIS ROUTE 31  
STA. 208+78.12 TO STA. 279+44.88



**STAGE 2C TYPICAL SECTION**

ILLINOIS ROUTE 31  
STA. 208+78.12 TO STA. 279+44.88



**STAGE 2A & 2B TYPICAL SECTION**

VIRGINIA ROAD  
STA. 89+00 TO STA. 95+18

**PRE-STAGE 2A**

- CONSTRUCT TEMPORARY PAVEMENT AT NORTH AND SOUTH LIMITS OF ILLINOIS ROUTE 31.
- CONSTRUCT TEMPORARY PAVEMENT AT NORTHWEST LIMITS OF VIRGINIA ROAD.
- INSTALL TEMPORARY PAVEMENT MARKING ON WEST SIDE OF ILLINOIS ROUTE 31
- INSTALL TEMPORARY AND PERMANENT PAVEMENT MARKINGS ON VIRGINIA ROAD.
- NOTICE OF RELOCATION OF VIRGINIA ROAD AND ILLINOIS ROUTE 31 INTERSECTION.
- NOTICE OF CLOSURE OF KLASEN ROAD.

**STAGE 2A**

- SHIFT TRAFFIC TO PERMANENT PAVEMENT ON WEST SIDE OF ILLINOIS ROUTE 31.
- SHIFT TRAFFIC TO PERMANENT PAVEMENT ON RELOCATED VIRGINIA ROAD.
- CONSTRUCT SOUTHSIDE OF RELOCATED VIRGINIA ROAD TO STATION 95+00.
- INSTALL REGIONAL DETOUR FOR KLASEN ROAD CLOSURE.
- INSTALL EROSION CONTROL MEASURES ON KLASEN ROAD AND EAST SIDE OF ILLINOIS ROUTE 31.
- CLOSE AND CONSTRUCT KLASEN ROAD.
- INSTALL PERMANENT PAVEMENT MARKINGS ON KLASEN ROAD.

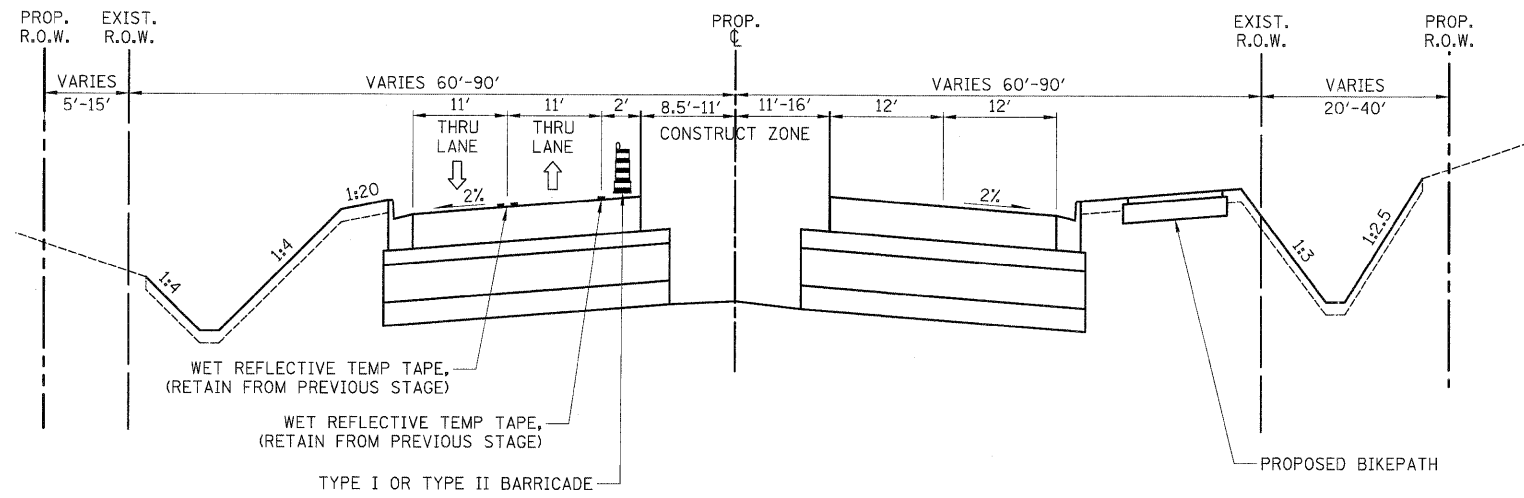
**STAGE 2B**

- GRADE THE NORTHBOUND LANES, CONSTRUCT STORM SEWER AND OUTSIDE LANE PAVEMENT ON EAST SIDE OF ILLINOIS ROUTE 31.
- CONSTRUCT BIKE LANE.
- COMPLETE REMOVAL OF EXISTING VIRGINIA ROAD.
- GRADE THE DITCHES.
- INSTALL PERMANENT PAVEMENT MARKINGS ON VIRGINIA ROAD.

**STAGE 2C**

- CONSTRUCT INSIDE LANE PAVEMENT ON EAST SIDE OF ILLINOIS ROUTE 31.

FILE NAME =	USER NAME = dte	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC TYPICAL SECTIONS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 12/28/2011	DATE - 10/24/11	REVISOR -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-40640031					
						<b>CONTRACT NO. 63553</b>					



**STAGE 3 TYPICAL SECTION**










ILLINOIS ROUTE 31  
 STA. 208+78.12 TO STA. 279+44.88

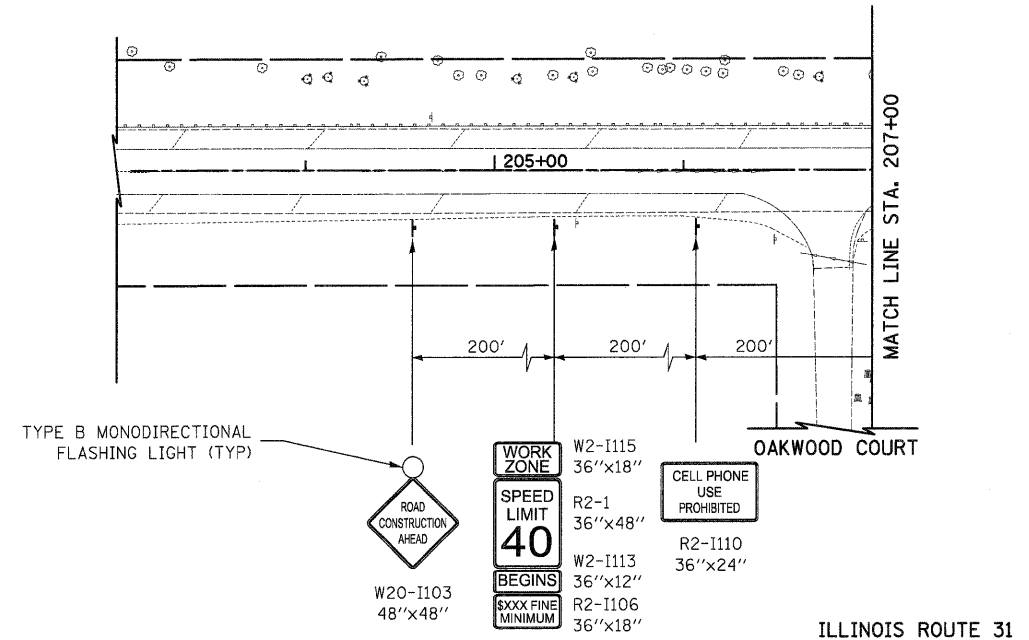
**STAGE 3**

- GRADE THE NORTHBOUND LANES, CONSTRUCT STORM SEWER AND OUTSIDE LANE PAVEMENT ON EAST SIDE OF ILLINOIS ROUTE 31.
- CONSTRUCT BIKE LANE.
- COMPLETE CONSTRUCTION OF STORM SEWER AND PAVEMENT FOR RELOCATED VIRGINIA ROAD BETWEEN TO STATION 95+00.
- GRADE THE DITCHES.

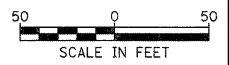
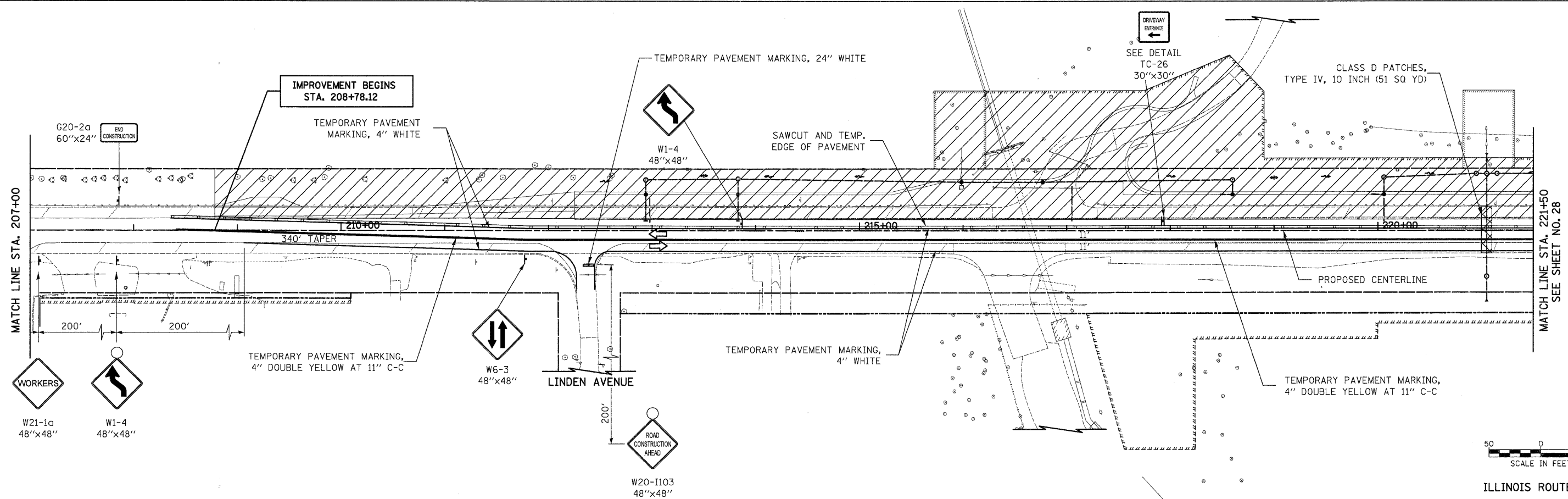
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PLOT DATE = 10/20/2011	DATE - 10/24/11	REVISED -	CONTRACT NO. 63553								

**LEGEND**

-  TEMPORARY PAVEMENT
-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE I OR II BARRICADE
-  TYPE I OR II BARRICADE WITH FLASHING LIGHT
-  TYPE I OR II DIRECTION INDICATOR BARRICADE
-  VERTICAL PANEL
-  TYPE III BARRICADE WITH FLASHING LIGHTS












ILLINOIS ROUTE 31

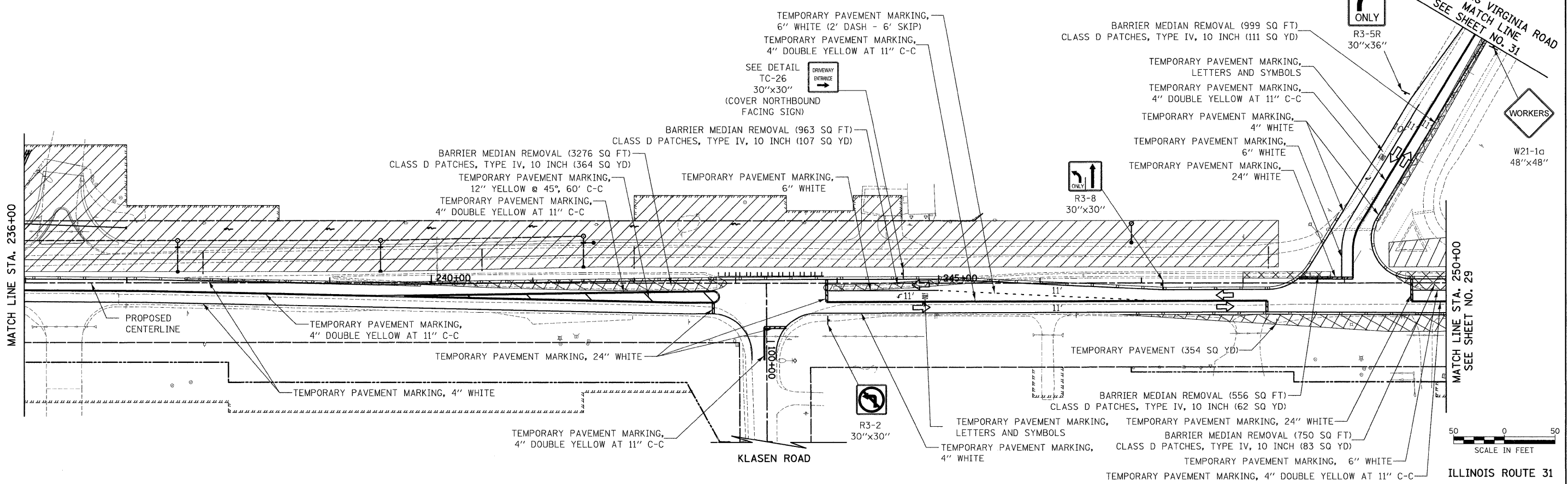
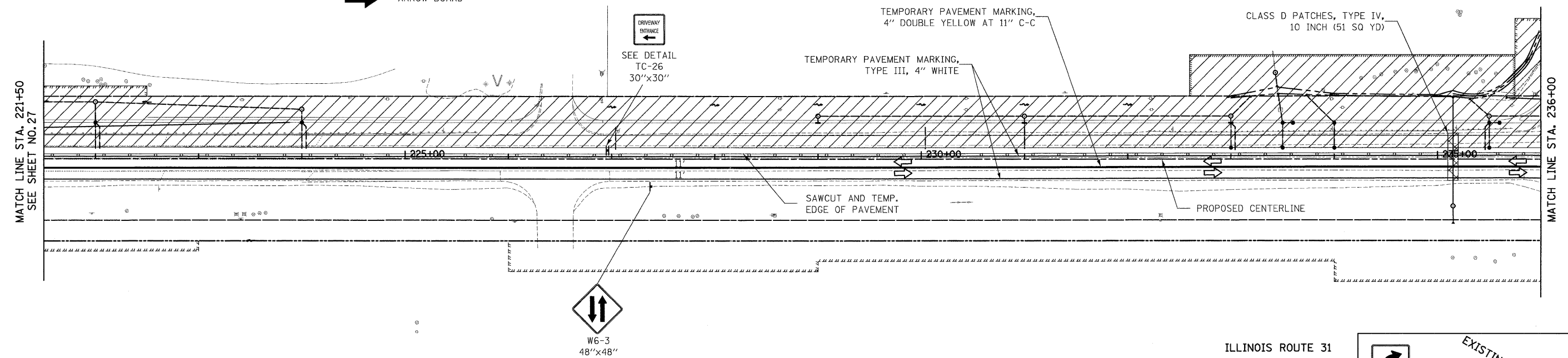


ILLINOIS ROUTE 31

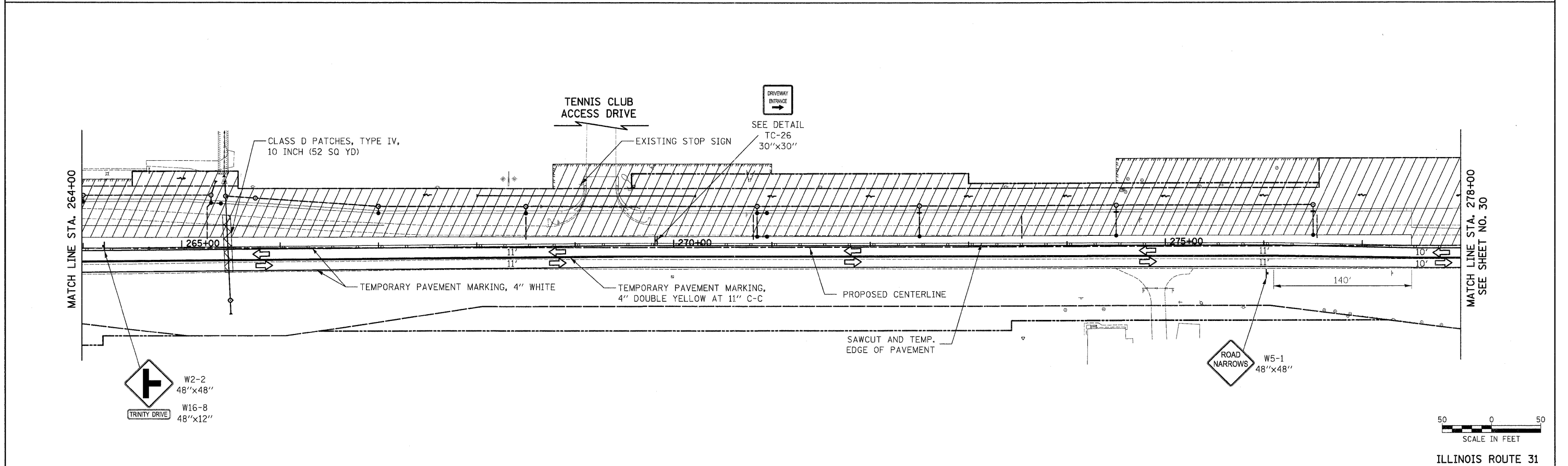
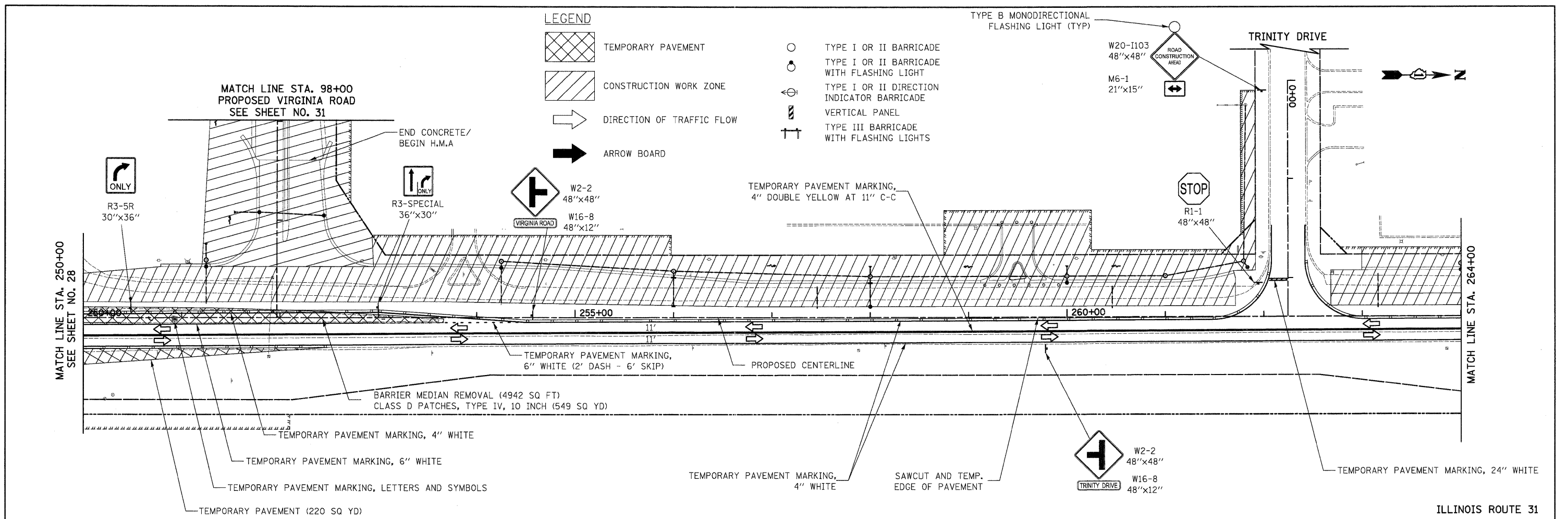
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PLOT SCALE = 50.0000' / 1" = 50'						SCALE: 1" = 50'		SHEET NO. 4 OF 31 SHEETS		STA. 208+78.12 TO STA. 221+50	
DRAWN - DTE						SHEET NO. 4 OF 31 SHEETS		STA. 208+78.12 TO STA. 221+50		FED. ROAD DIST. NO. 1 ILLINOIS	
CHECKED - GAB						CONTRACT NO. 63553		FED. AID PROJECT HPP-4064(003)			
PLOT DATE = 10/24/2011				DATE = 10/24/11							

**LEGEND**

-  TEMPORARY PAVEMENT
-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE I OR II BARRICADE
-  TYPE I OR II BARRICADE WITH FLASHING LIGHT
-  TYPE I OR II DIRECTION INDICATOR BARRICADE
-  VERTICAL PANEL
-  TYPE III BARRICADE WITH FLASHING LIGHTS


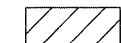
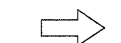








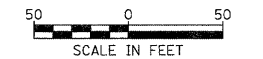
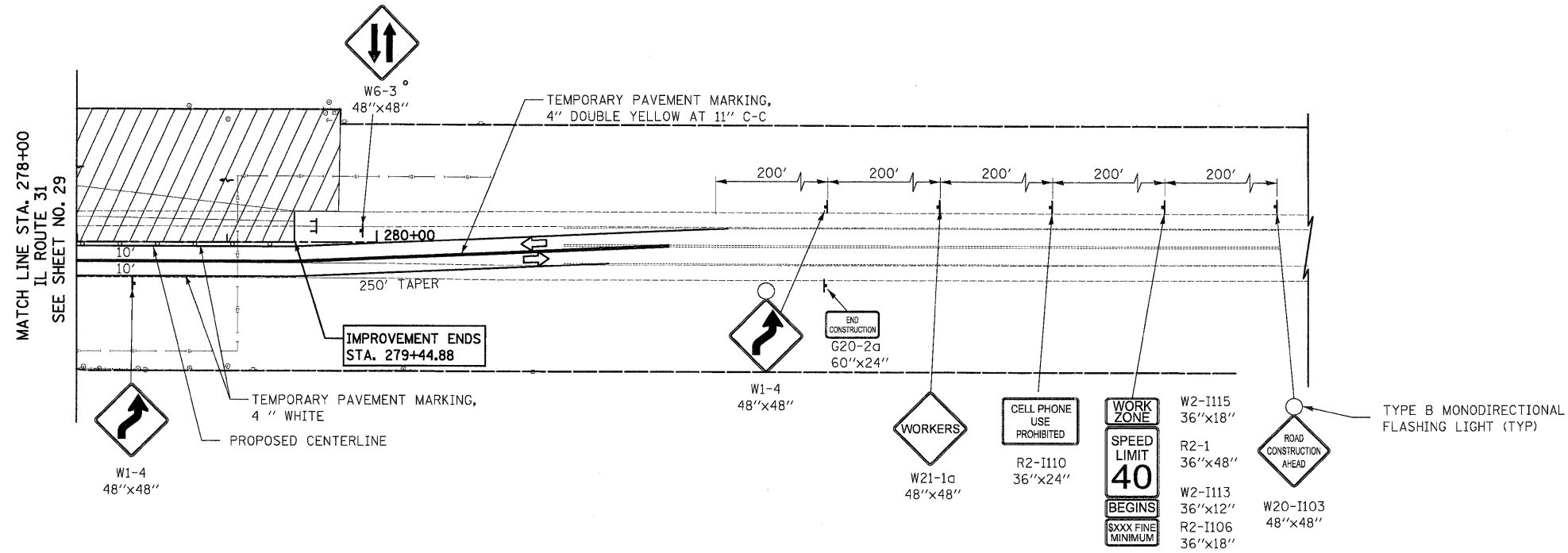
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		CHECKED - GAB	REVISED -					<b>CONTRACT NO. 63553</b>			
		DATE - 10/24/11	REVISED -					FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-40641003			
								SCALE: 1" = 50'   SHEET NO. 5 OF 31 SHEETS   STA. 221+50.00 TO STA. 250+00			



FILE NAME = Y:\2278_Virginia Klassen\cadd\sheet\06-MO		USER NAME = dte	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC - STAGE 1A</b>			F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 29	
PLOT SCALE = 50.0000' / 1"		CHECKED - GAB	DRAWN - DTE	REVISED -		SCALE: 1" = 50'	SHEET NO. 6 OF 31 SHEETS	STA. 250+00 TO STA. 278+00	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT HPP-4064(003)					
PLOT DATE = 10/24/2011		DATE - 10/24/11	CHECKED - GAB	REVISED -										

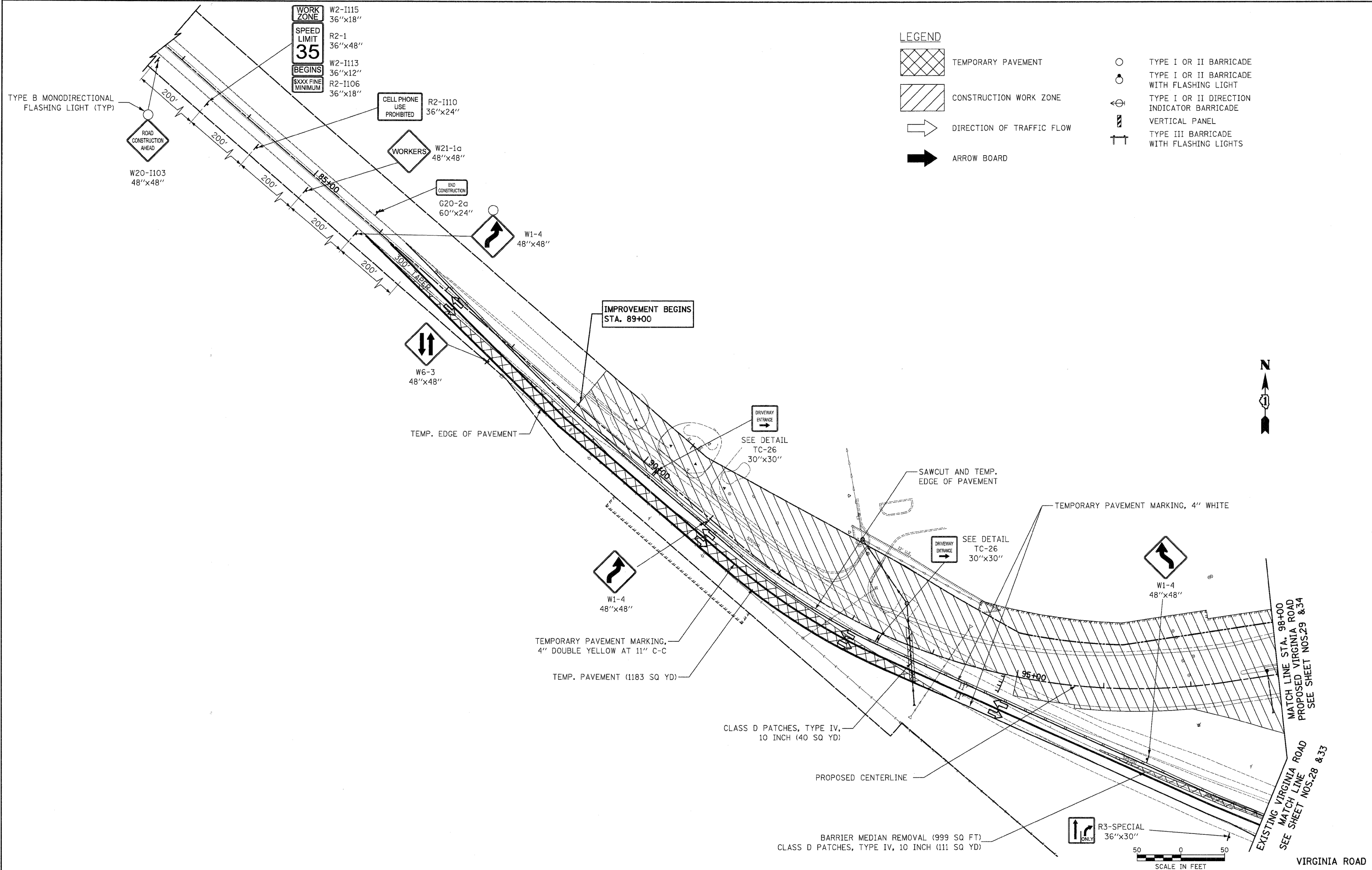
**LEGEND**

-  TEMPORARY PAVEMENT
-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE I OR II BARRICADE
-  TYPE I OR II BARRICADE WITH FLASHING LIGHT
-  TYPE I OR II DIRECTION INDICATOR BARRICADE
-  VERTICAL PANEL
-  TYPE III BARRICADE WITH FLASHING LIGHTS



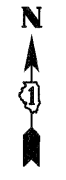
ILLINOIS ROUTE 31

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PLOT SCALE = 50.0000' / in. PLOT DATE = 10/24/2011				SCALE: 1" = 50'		SHEET NO. 7 OF 31 SHEETS		STA 278+00 TO STA 279+44.88		CONTRACT NO. 63553
						FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT HPP-4064(003)		












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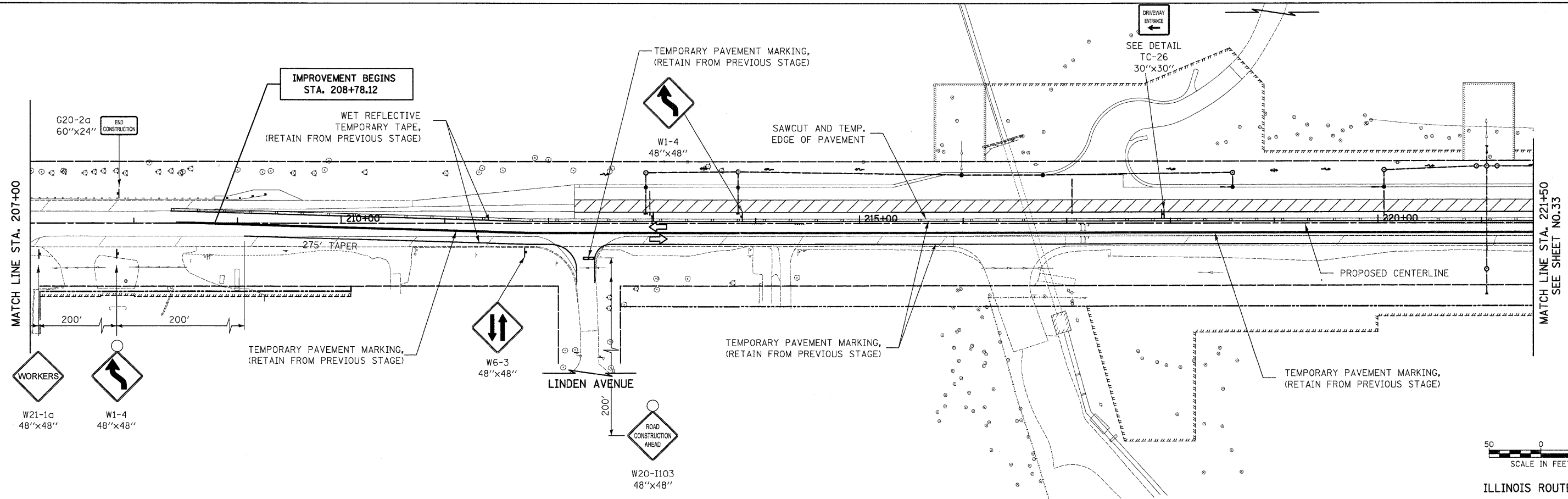
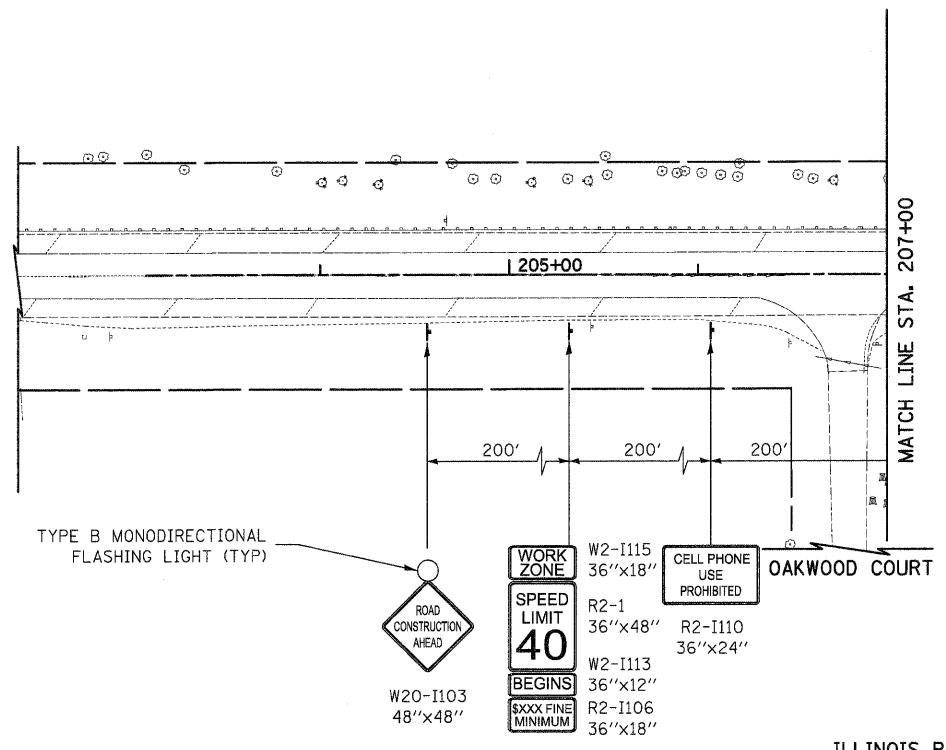
- TEMPORARY PAVEMENT
- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC FLOW
- ARROW BOARD
- TYPE I OR II BARRICADE
- TYPE I OR II BARRICADE WITH FLASHING LIGHT
- TYPE I OR II DIRECTION INDICATOR BARRICADE
- VERTICAL PANEL
- TYPE III BARRICADE WITH FLASHING LIGHTS



FILE NAME =	USER NAME = dte	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC - STAGE 1A &amp; 1B</b>	F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 31		
Y:\2278 Virginia Klasan\cad\sheet\06-MO	\2278_MOT_1A_06.dgn	DRAWN - DTE	REVISED -			SCALE: 1" = 50'	SHEET NO. 8 OF 31 SHEETS	STA. 89+00	TO STA. 98+00	CONTRACT NO. 63553		
	PLDT SCALE = 50.0000' / in.	CHECKED - GAB	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)						
	PLDT DATE = 10/24/2011	DATE - 10/24/11	REVISED -									

**LEGEND**










-  TEMPORARY PAVEMENT
-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE I OR II BARRICADE
-  TYPE I OR II BARRICADE WITH FLASHING LIGHT
-  TYPE I OR II DIRECTION INDICATOR BARRICADE
-  VERTICAL PANEL
-  TYPE III BARRICADE WITH FLASHING LIGHTS

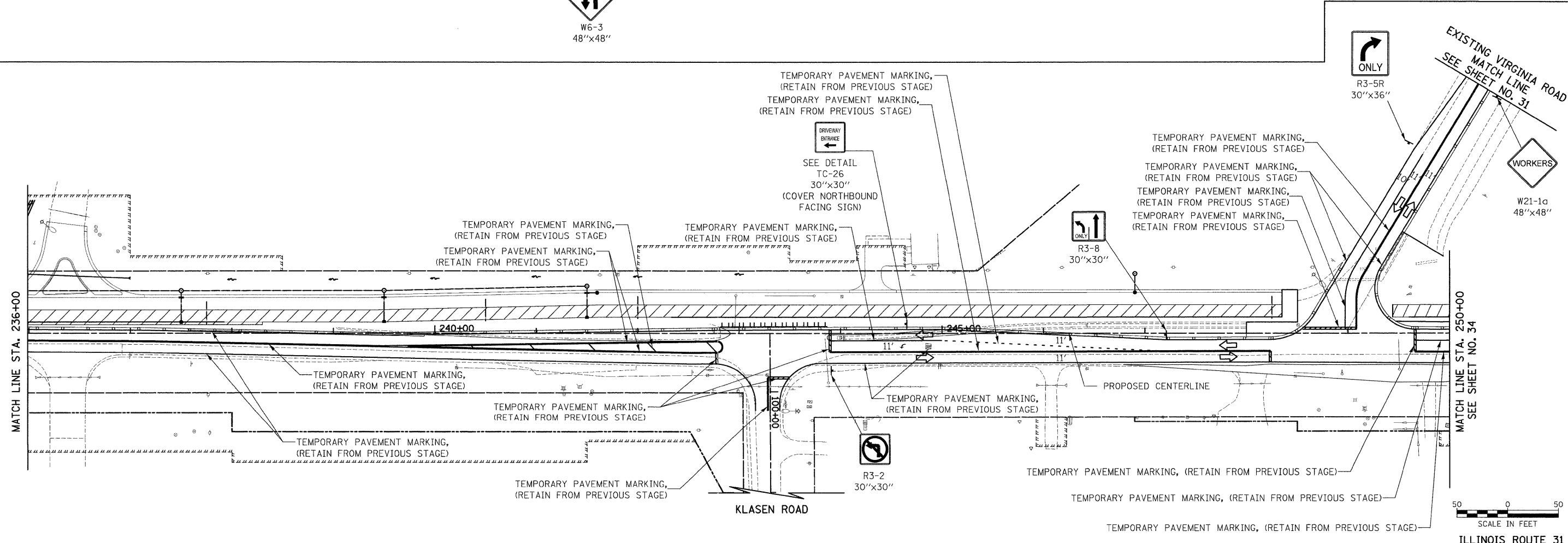
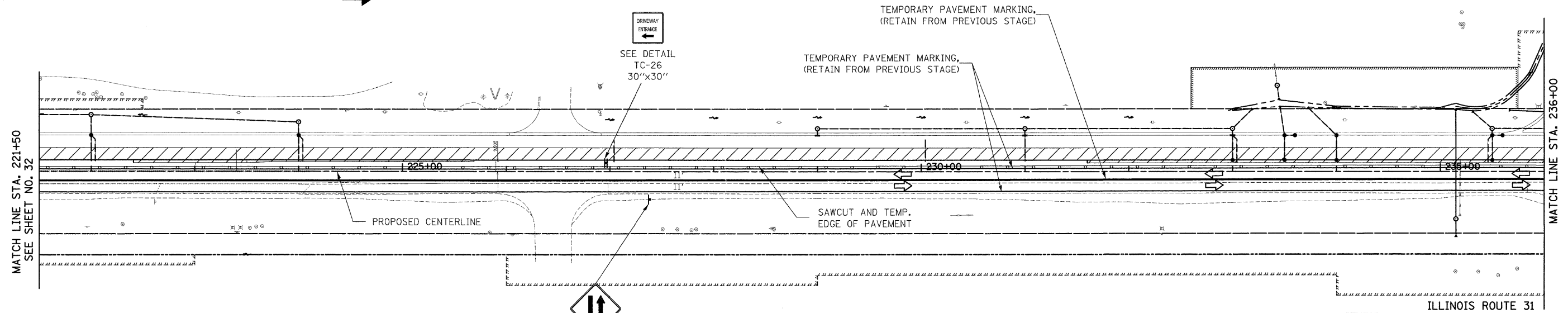


FILE NAME = Y:\2278 Virginia Klassen\cad\sheet\06-MD	USER NAME = dte	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC - STAGE 1B</b>			F.A.J. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 32
	PLT SCALE = 50.0000' / in.	CHECKED - GAB	REVISED -		SCALE: 1" = 50'	SHEET NO. 9 OF 31 SHEETS	STA. 208+78.12 TO STA. 221+50	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT HPP-4064003				
	PLT DATE = 10/24/2011	DATE - 10/24/11	REVISED -									
CONTRACT NO. 63553												
CONTRACT NO. 63553												

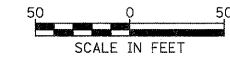
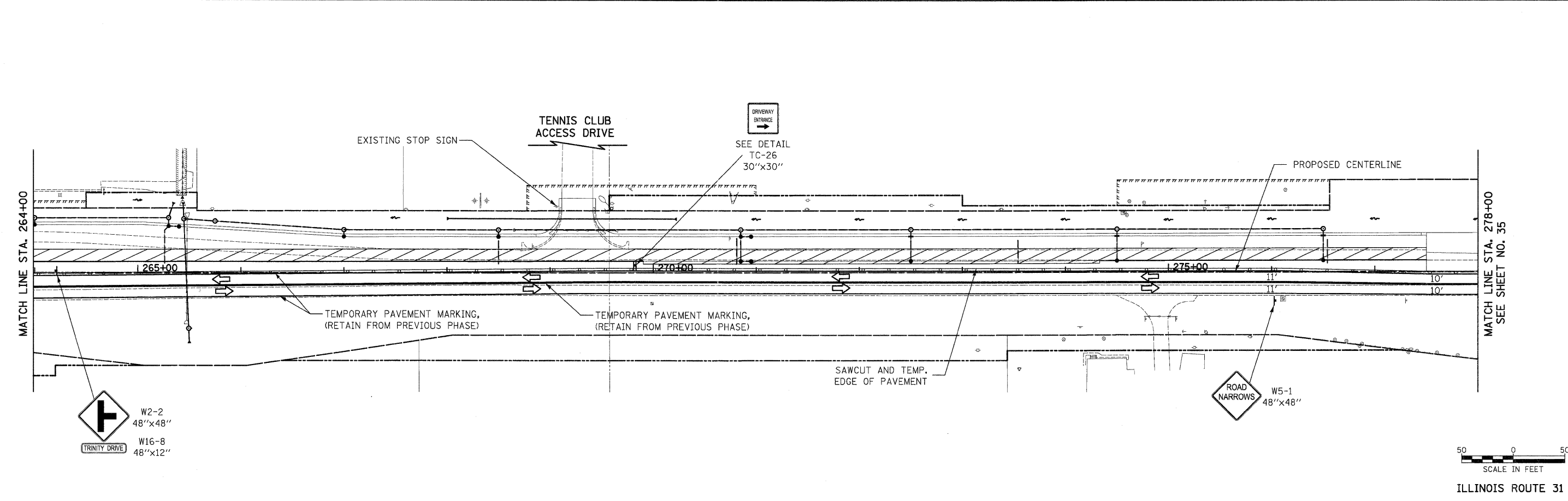
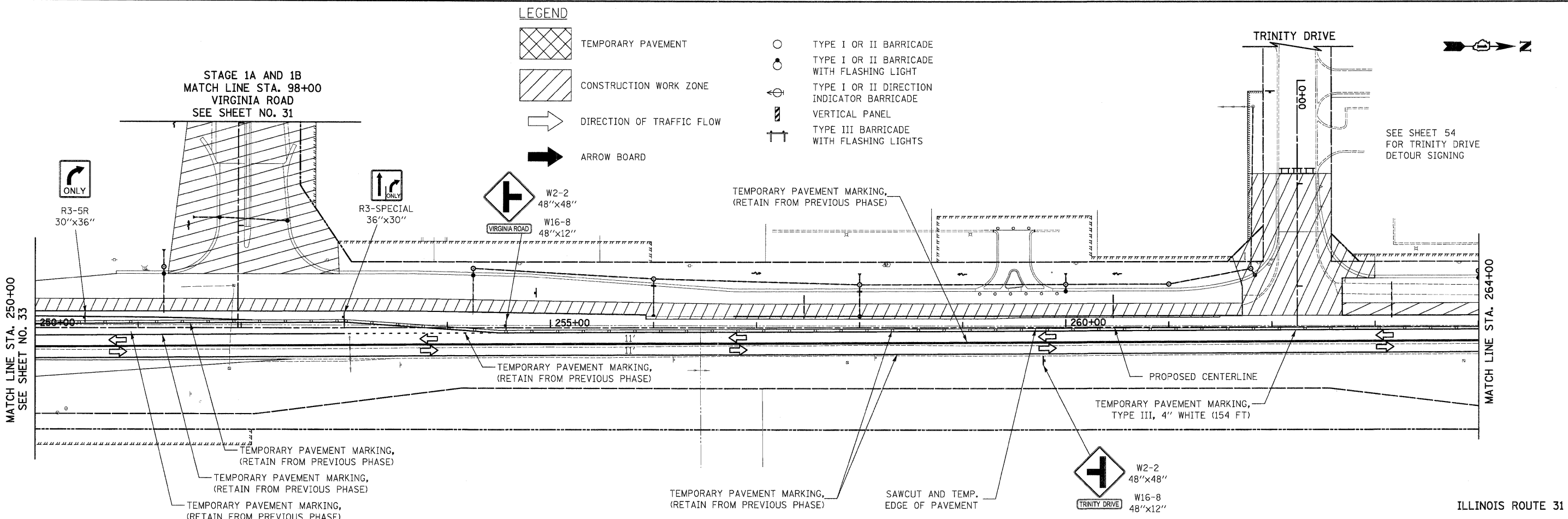


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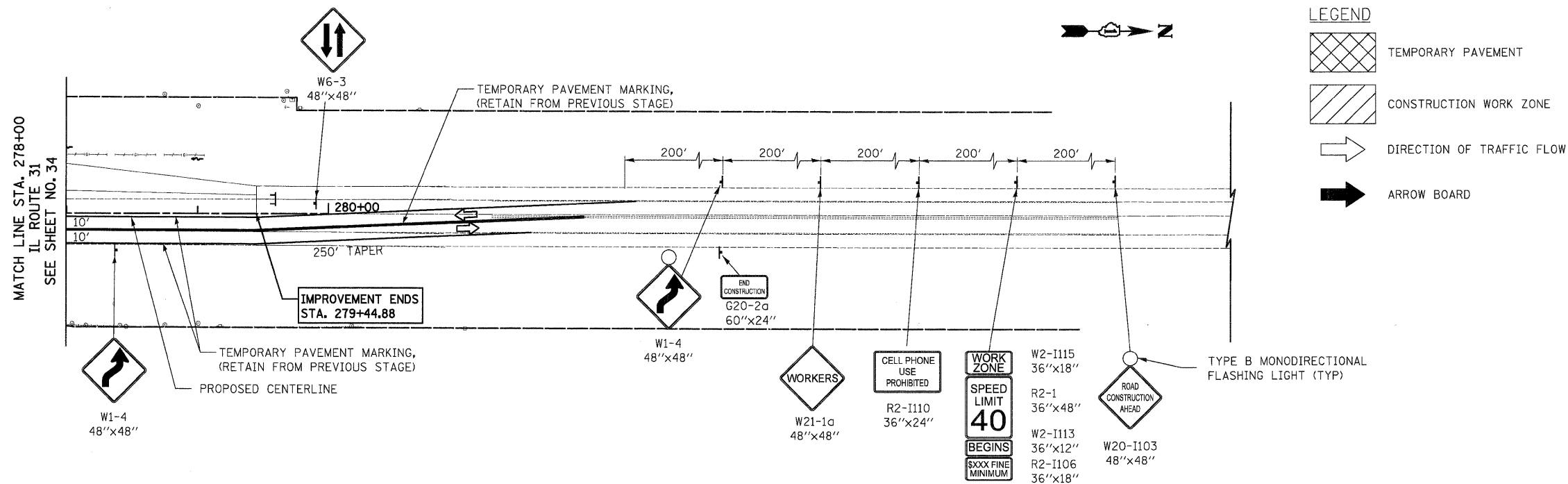
-  TEMPORARY PAVEMENT
-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE I OR II BARRICADE
-  TYPE I OR II BARRICADE WITH FLASHING LIGHT
-  TYPE I OR II DIRECTION INDICATOR BARRICADE
-  VERTICAL PANEL
-  TYPE III BARRICADE WITH FLASHING LIGHTS



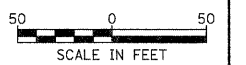
FILE NAME = Y:\2278 Virginia Klase\cad\sheet\06-MO	USER NAME = kwh_str 2278_MOT_IB_02.dgn	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC - STAGE 1B</b>	F.A.L. RTE. 3887	SECTION 96-00209-01-PV	COUNTY MCHENRY	TOTAL SHEETS 271	SHEET NO. 33		
PLOT SCALE = 50.0000' / in.		CHECKED - GAB	REVISED -			SCALE: 1" = 50'	SHEET NO. 10 OF 31 SHEETS	STA. 221+50	TO STA. 250+00	CONTRACT NO. 63553		
PLOT DATE = 12/9/2011		DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-4064(003)						



FILE NAME = Y:\2278 Virginia Klassen\cod\sheet\26-MD	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC - STAGE 1B</b>	F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 34		
PLOT SCALE = 50.0000' / 1in.	CHECKED - GAB	DATE - 10/24/11	REVISED -			SCALE: 1" = 50'	SHEET NO. 11 OF 31 SHEETS	STA. 250+00 TO STA. 278+00	CONTRACT NO. 63553			
PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-4064(003)						












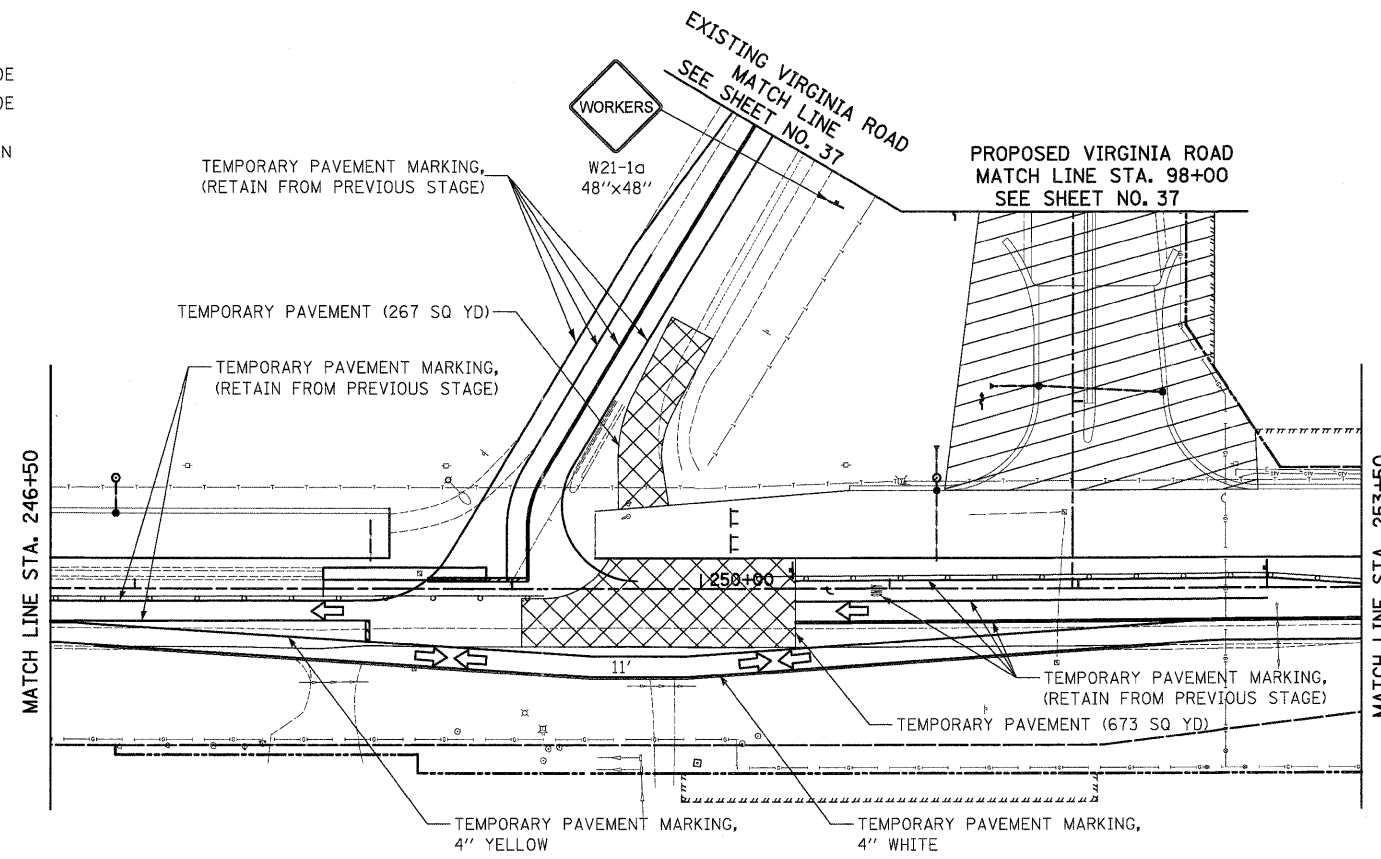
ILLINOIS ROUTE 31



FILE NAME =	USER NAME = dte	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC - STAGE 1B</b>	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y:\2278 Virginia Klason\cad\sheet\06-MOT	\2278_MOT_1B_04.dgn	DRAWN - DTE	REVISED -			3887	96-00209-01-PV	McHENRY	271	35
	PLOT SCALE = 50.0000' / in.	CHECKED - GAB	REVISED -			CONTRACT NO. 63553				
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -			SCALE: 1" = 50'	SHEET NO. 12 OF 31 SHEETS	STA 278+00 TO STA 279+44.88	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)	

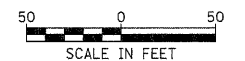
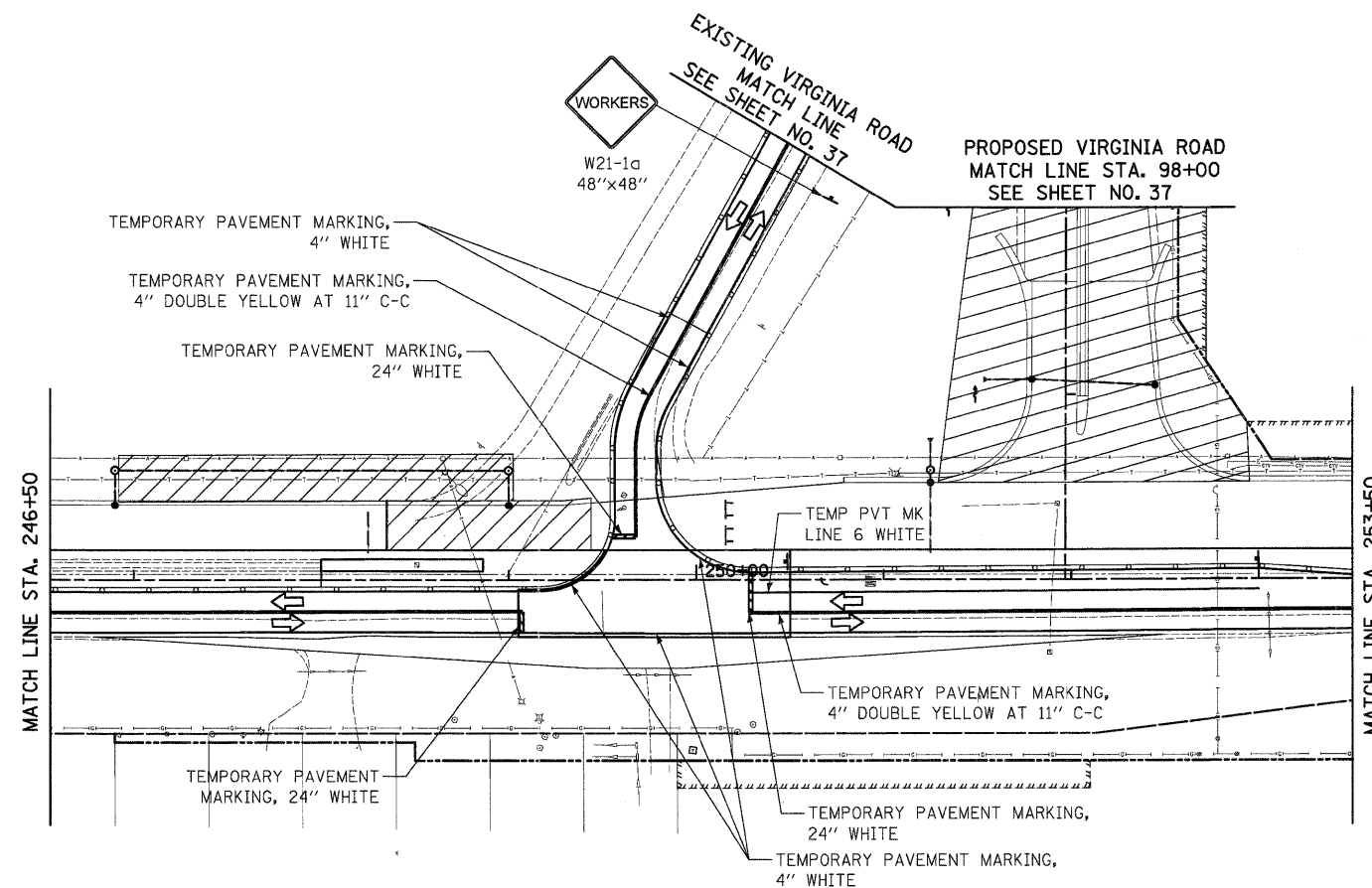
**LEGEND**

-  TEMPORARY PAVEMENT
-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE I OR II BARRICADE
-  TYPE I OR II BARRICADE WITH FLASHING LIGHT
-  TYPE I OR II DIRECTION INDICATOR BARRICADE
-  VERTICAL PANEL
-  TYPE III BARRICADE WITH FLASHING LIGHTS



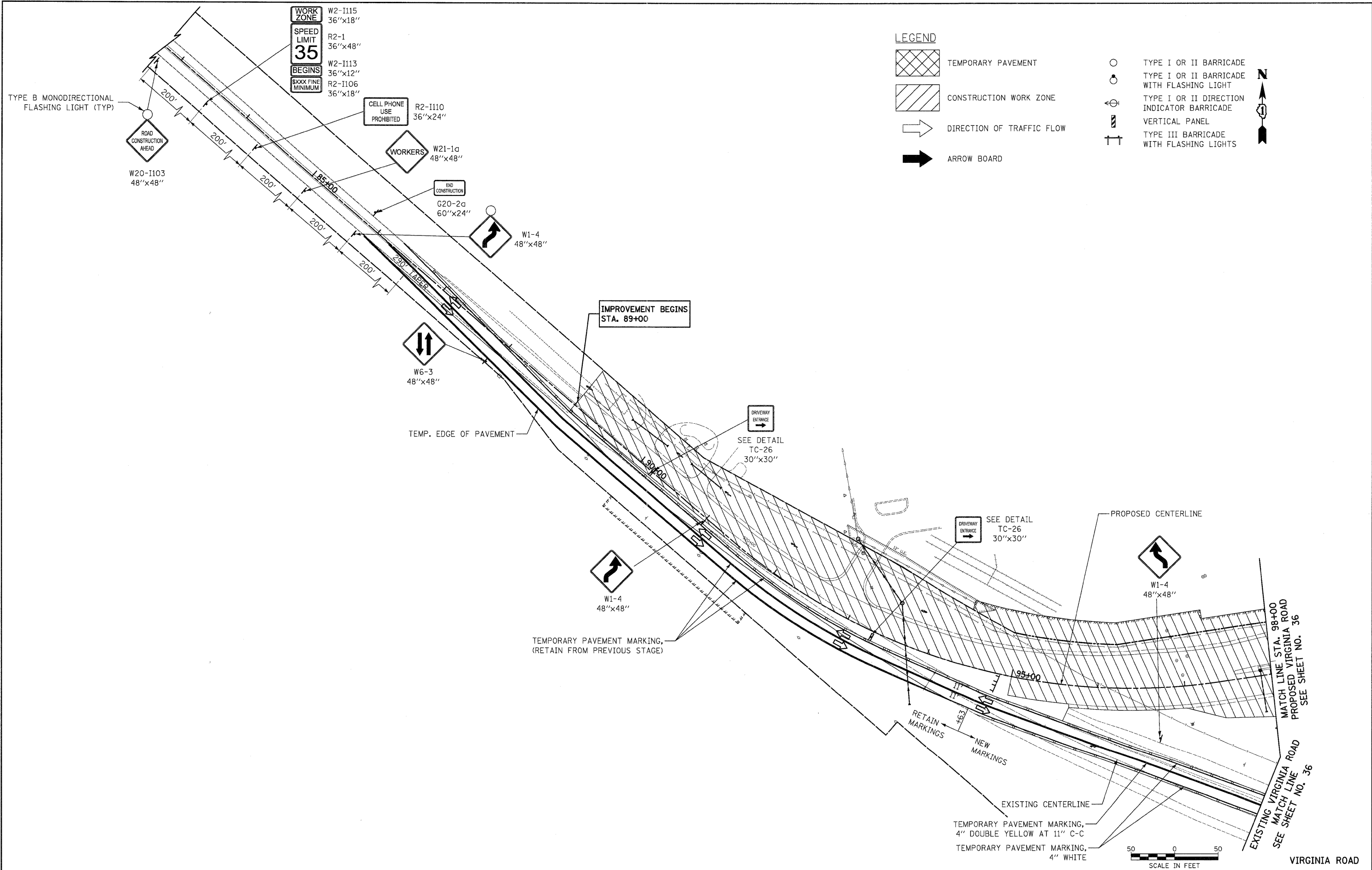
NOTE: TEMPORARY PAVEMENT IS TO BE INSTALLED ON TOP OF EXISTING PAVEMENT OR SUBBASE GRANULAR MATERIAL TYPE B IN ORDER TO ACCOMMODATE ELEVATION DIFFERENCE BETWEEN EXISTING IL ROUTE 31 AND PROPOSED IL ROUTE 31.

PRE-STAGE 1C  
ILLINOIS ROUTE 31












SCALE IN FEET  
ILLINOIS ROUTE 31

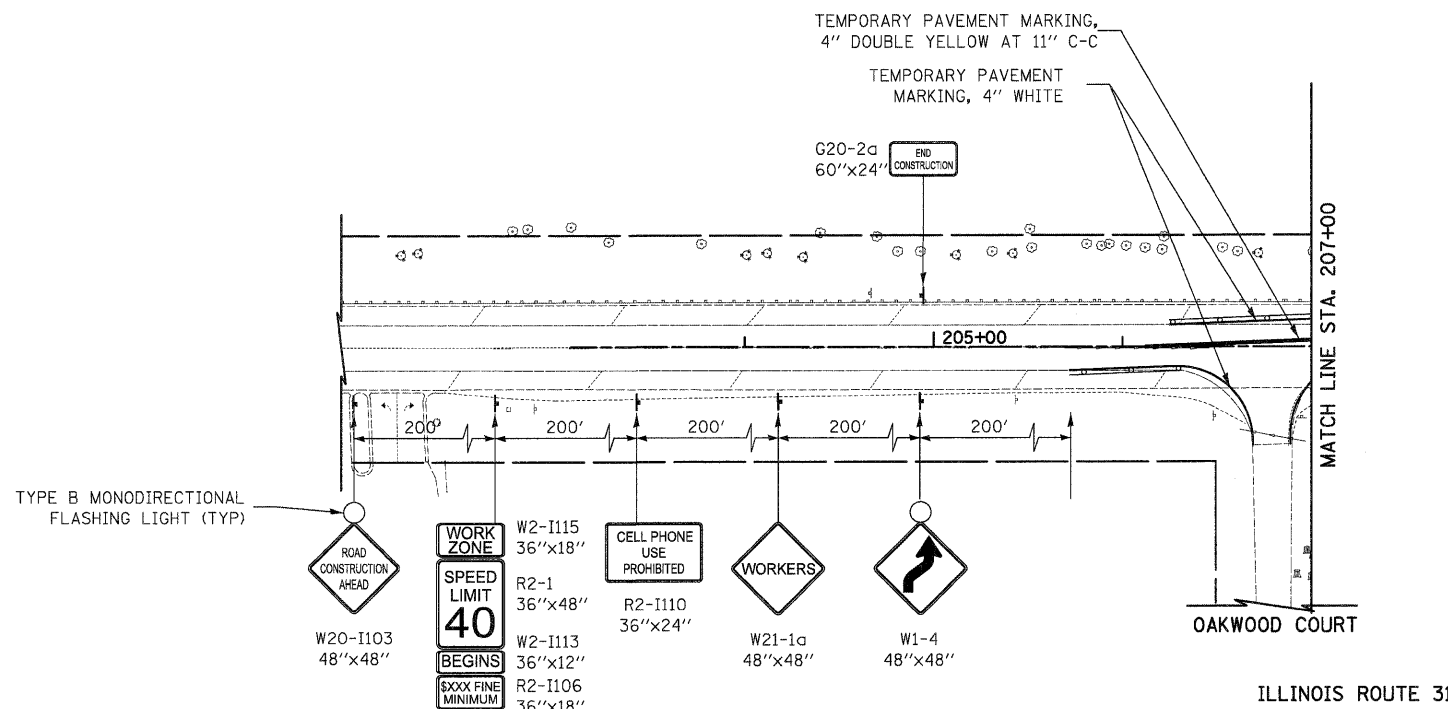
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	2278_MDT.1C.01.dgn	DRAWN - DTE	REVISED -			SCALE: 1" = 50'	SHEET NO. 13 OF 31 SHEETS	STA. 221+50	TO STA. 250+00	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT HPP-406410031
	PLOT SCALE = 50.0000' / 1 in.	CHECKED - GAB	REVISED -								
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -								
						CONTRACT NO. 63553					



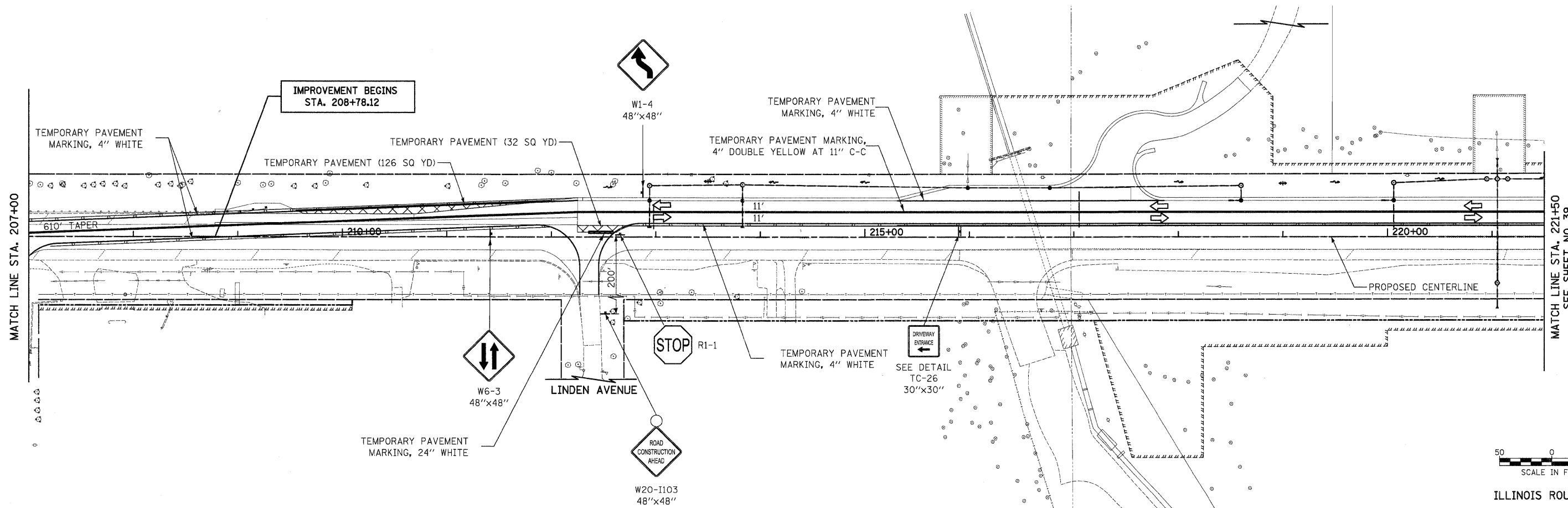
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Y:\2278 Virginia Klassen\cad\sheet\06-MO	\2278_MDT_1C_02.dgn	DRAWN - DTE	REVISED -		SCALE: 1" = 50'	SHEET NO. 14 OF 31 SHEETS	STA. 89+00 TO STA. 98+00	CONTRACT NO. 63553				
	PLOT SCALE = 50.0000' / in.	CHECKED - GAB	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)							
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -									

**LEGEND**

-  TEMPORARY PAVEMENT
-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE I OR II BARRICADE
-  TYPE I OR II BARRICADE WITH FLASHING LIGHT
-  TYPE I OR II DIRECTION INDICATOR BARRICADE
-  VERTICAL PANEL
-  TYPE III BARRICADE WITH FLASHING LIGHTS












ILLINOIS ROUTE 31

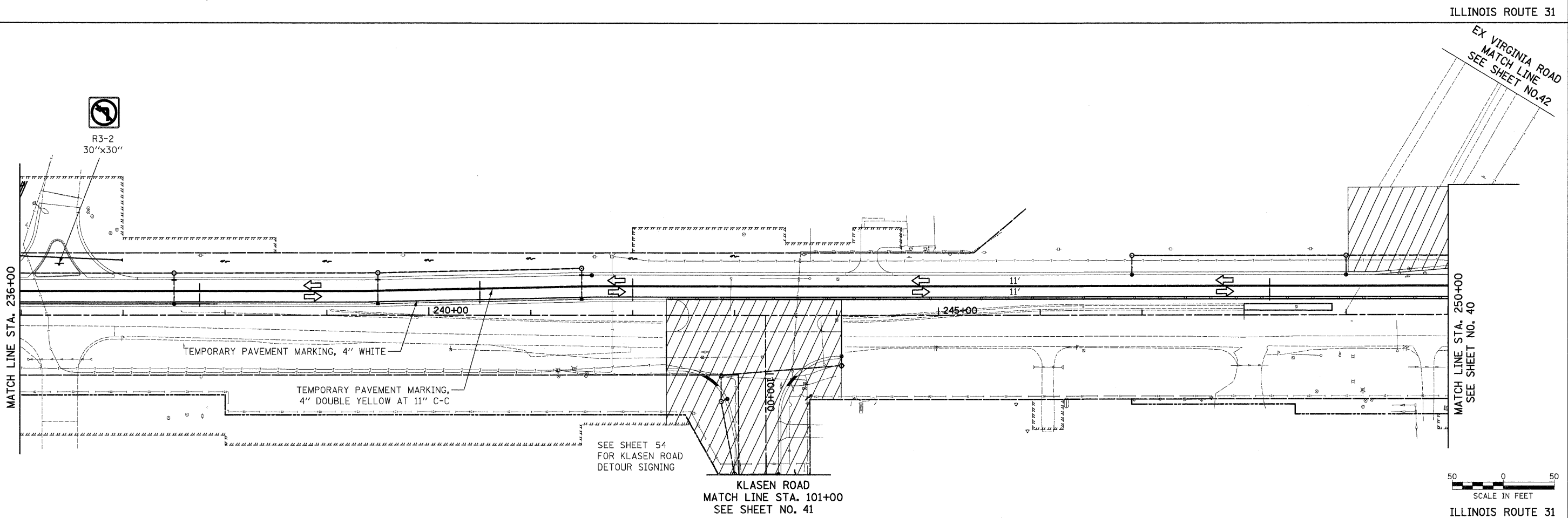
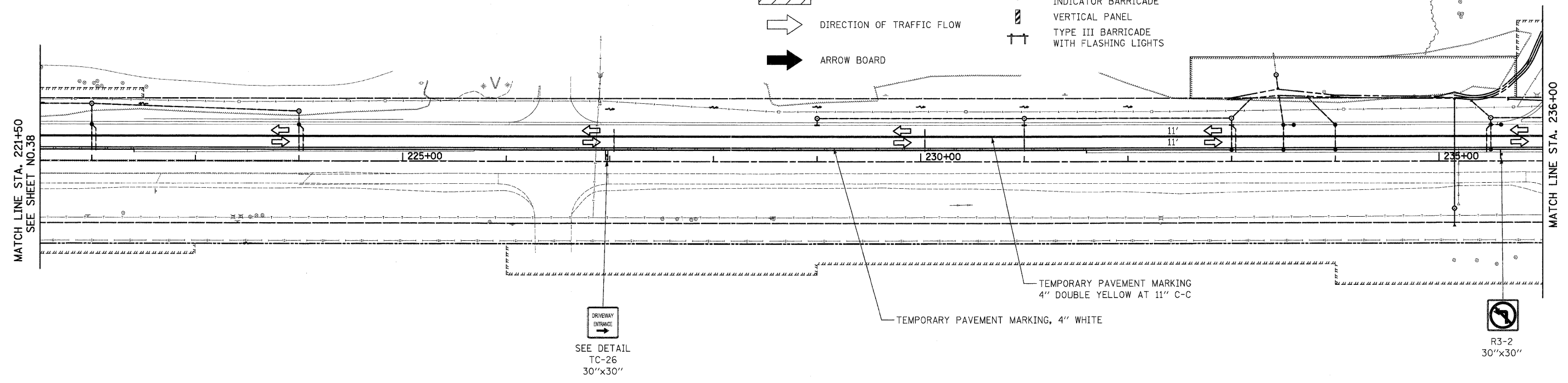


ILLINOIS ROUTE 31

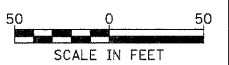
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PLOT SCALE = 50.0000' / in.		CHECKED - GAB	REVISED -			SCALE: 1" = 50'		SHEET NO. 15 OF 31 SHEETS		STA. 208+78.12 TO STA. 221+50	
PLOT DATE = 10/24/2011		DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT HPP-4064(003)		CONTRACT NO. 63553	

**LEGEND**

-  TEMPORARY PAVEMENT
-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE I OR II BARRICADE
-  TYPE I OR II BARRICADE WITH FLASHING LIGHT
-  TYPE I OR II DIRECTION INDICATOR BARRICADE
-  VERTICAL PANEL
-  TYPE III BARRICADE WITH FLASHING LIGHTS

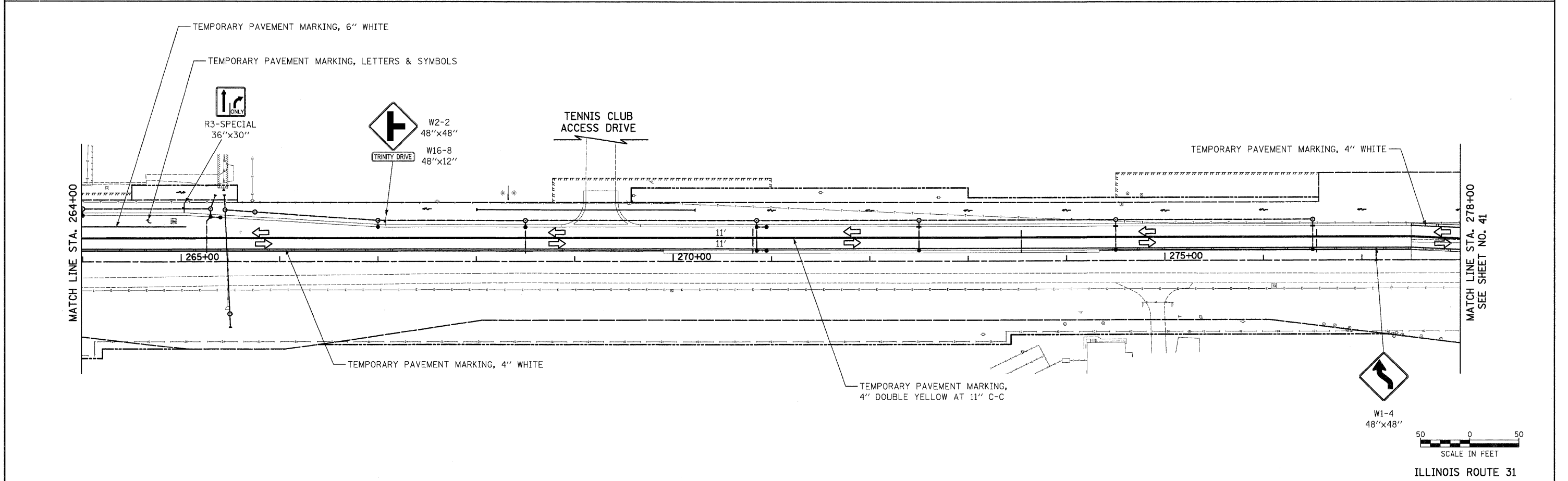
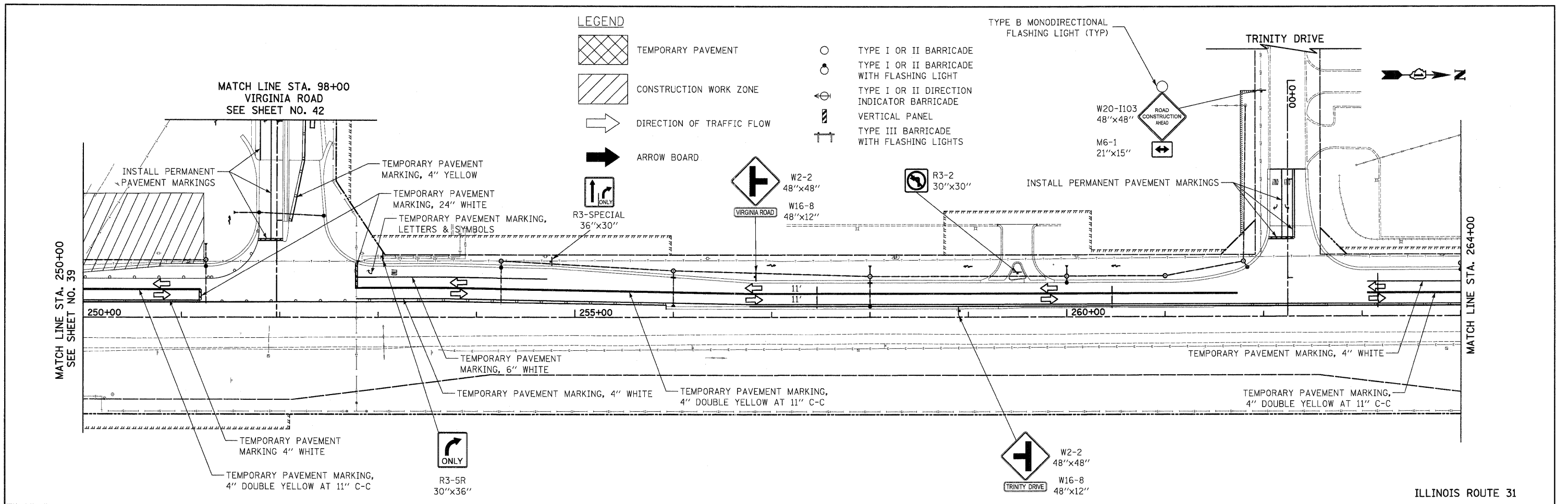


ILLINOIS ROUTE 31



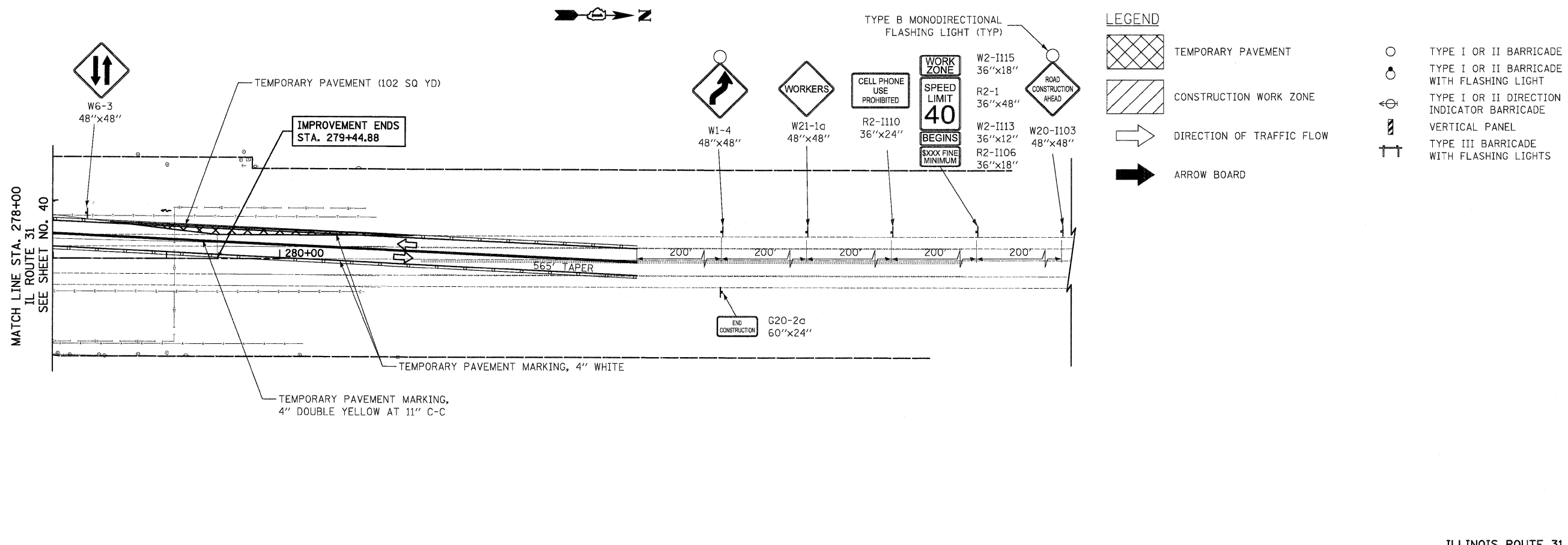
ILLINOIS ROUTE 31

FILE NAME = Y:\2278 Virginia Klaseen\oad\sheet\06-MD	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC - STAGE 2A</b>	F.A.J. RTE. 3887	SECTION 96-00209-01-PV	COUNTY MOHENRY	TOTAL SHEETS 271	SHEET NO. 39			
						SCALE: 1" = 50'		SHEET NO. 16 OF 31 SHEETS		STA. 221+50 TO STA. 250+00		CONTRACT NO. 63553	
						FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT HPP-40640031							

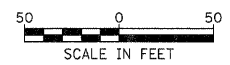
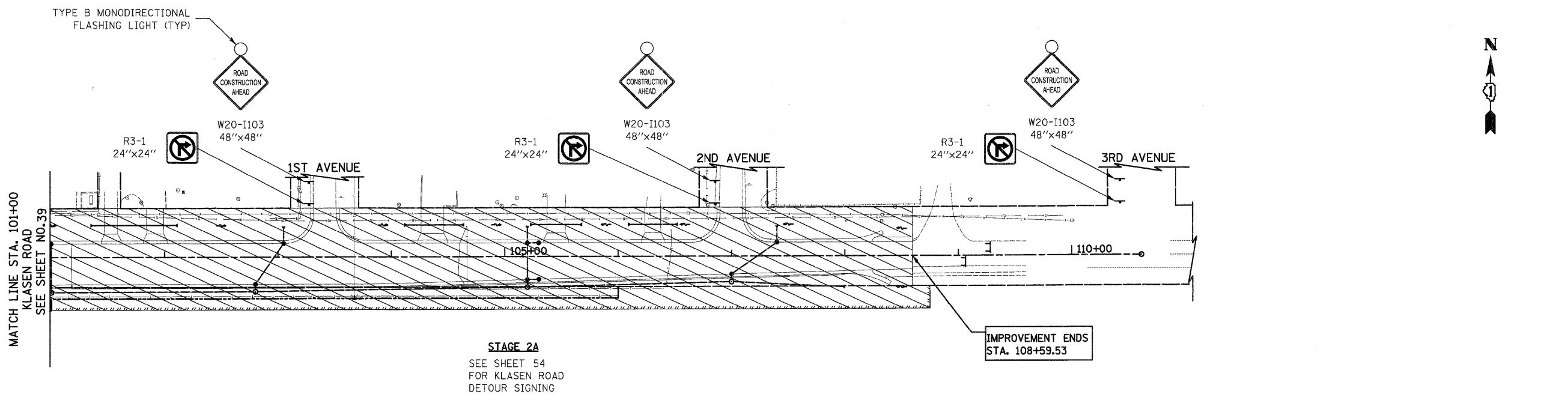


FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC - STAGE 2A</b>	F.A.J. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 40		
Y:\2278 Virginia Klasan\oad\sheet\06-MO	\2278_MOT_2A_03.dgn	DRAWN - DTE	REVISED -			SCALE: 1" = 50'	SHEET NO. 17 OF 31 SHEETS	STA. 250+00	TO STA. 278+00	CONTRACT NO. 63553		
	PLOT SCALE = 50.0000' / in.	CHECKED - GAB	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)						
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -									



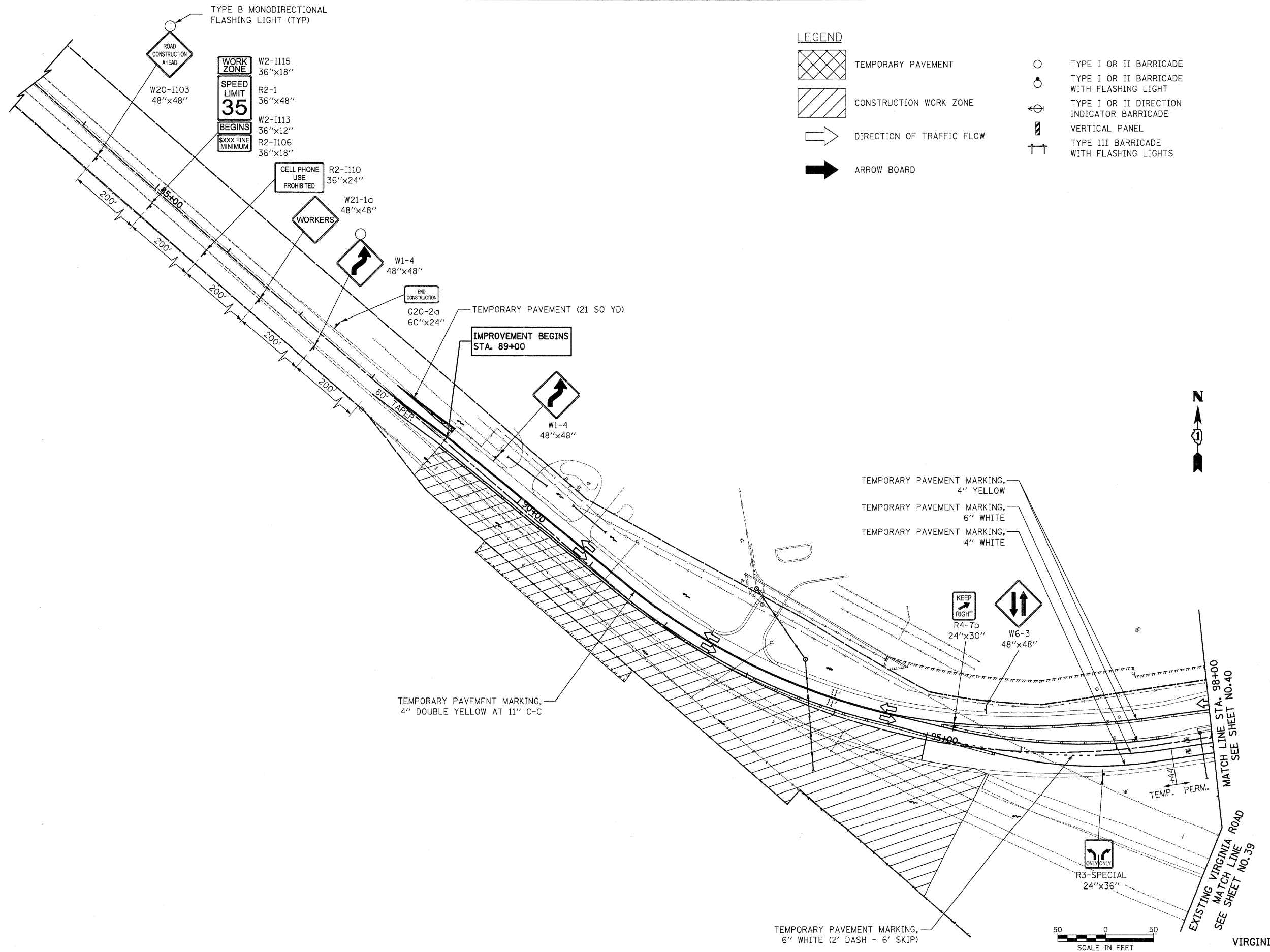


ILLINOIS ROUTE 31












KLASEEN ROAD

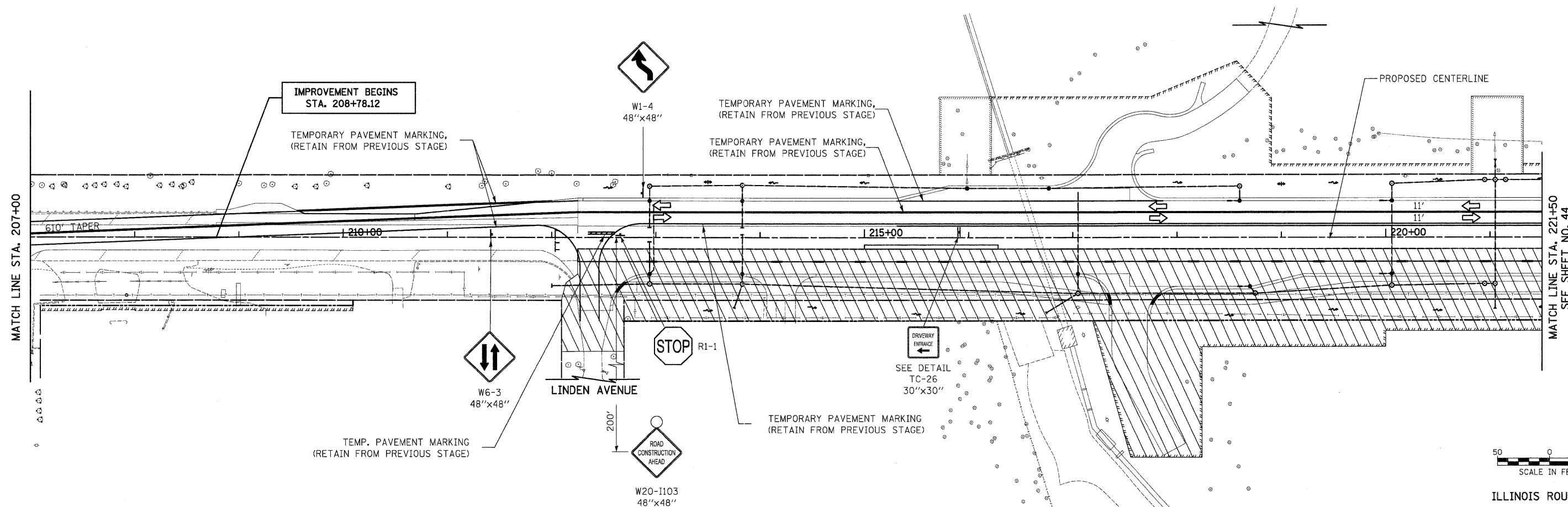
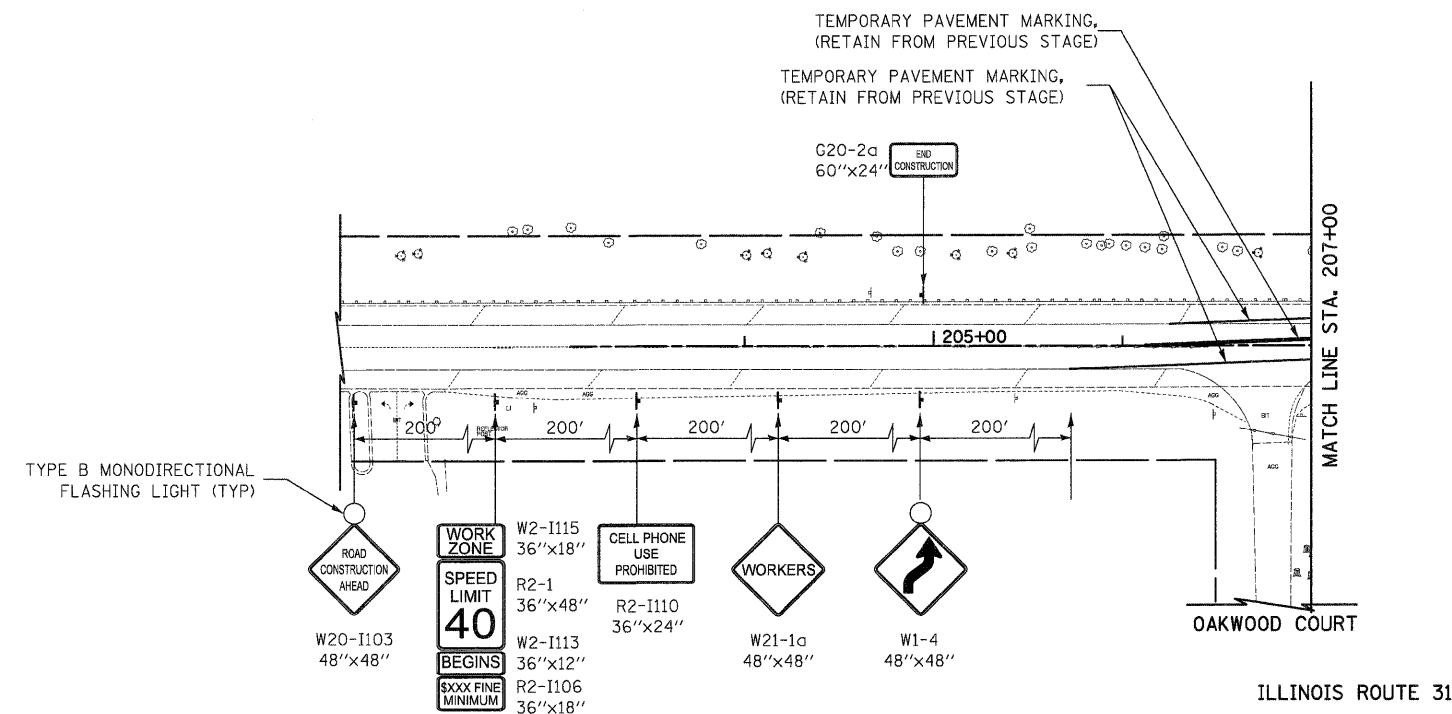
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Y:\2278 Virginia Klaseen\cad\sheet\06-MO	\2278_MOT_2A_04.dgn	DRAWN - DTE	REVISED -					3887	96-00209-01-PV	McHENRY	271	41	
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	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)					



FILE NAME =	USER NAME = dte	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC - STAGE 2A</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y:\2278 Virginia Klassen\cad\sheet\06-MO	\2278_MOT_2A_05.dgn	DRAWN - DTE	REVISED -			3887	96-00209-01-PV	McHENRY	271	42
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PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)				

**LEGEND**

-  TEMPORARY PAVEMENT
-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE I OR II BARRICADE
-  TYPE I OR II BARRICADE WITH FLASHING LIGHT
-  TYPE I OR II DIRECTION INDICATOR BARRICADE
-  VERTICAL PANEL
-  TYPE III BARRICADE WITH FLASHING LIGHTS



FILE NAME =	USER NAME = dte
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PLOT SCALE = 50.0000' / 1 in.	
PLOT DATE = 10/24/2011	

DESIGNED - DTE	REVISED -
DRAWN - DTE	REVISED -
CHECKED - GAB	REVISED -
DATE - 10/24/11	REVISED -

DESIGNED - DTE	REVISED -
DRAWN - DTE	REVISED -
CHECKED - GAB	REVISED -
DATE - 10/24/11	REVISED -

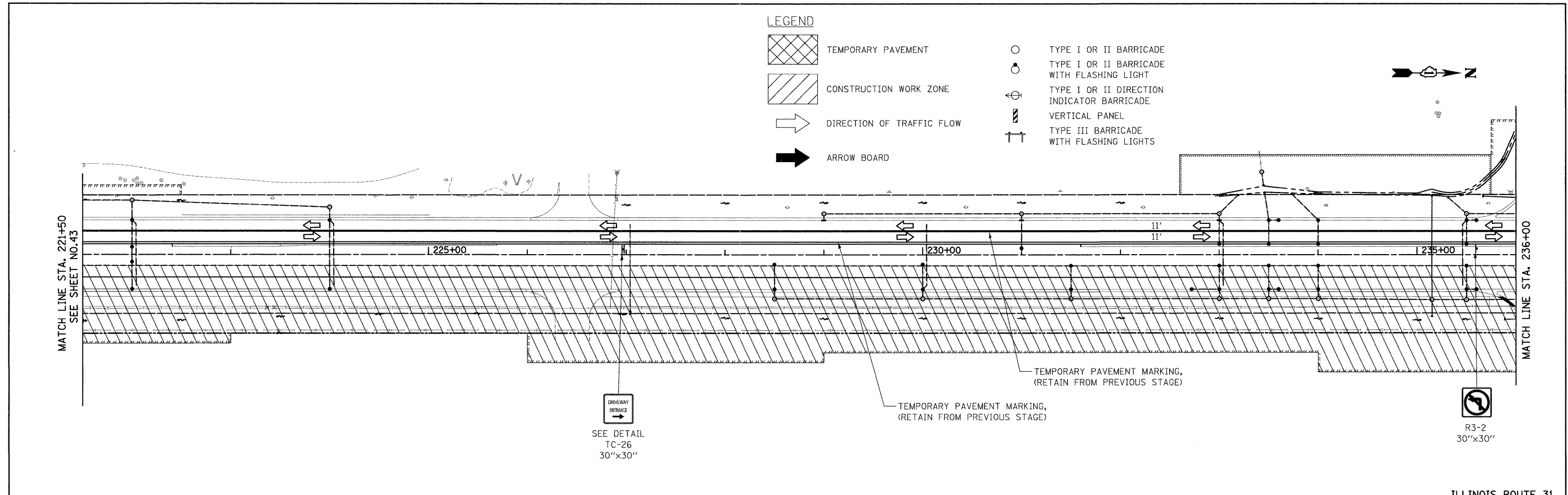
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DRAWN - DTE	REVISED -
CHECKED - GAB	REVISED -
DATE - 10/24/11	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

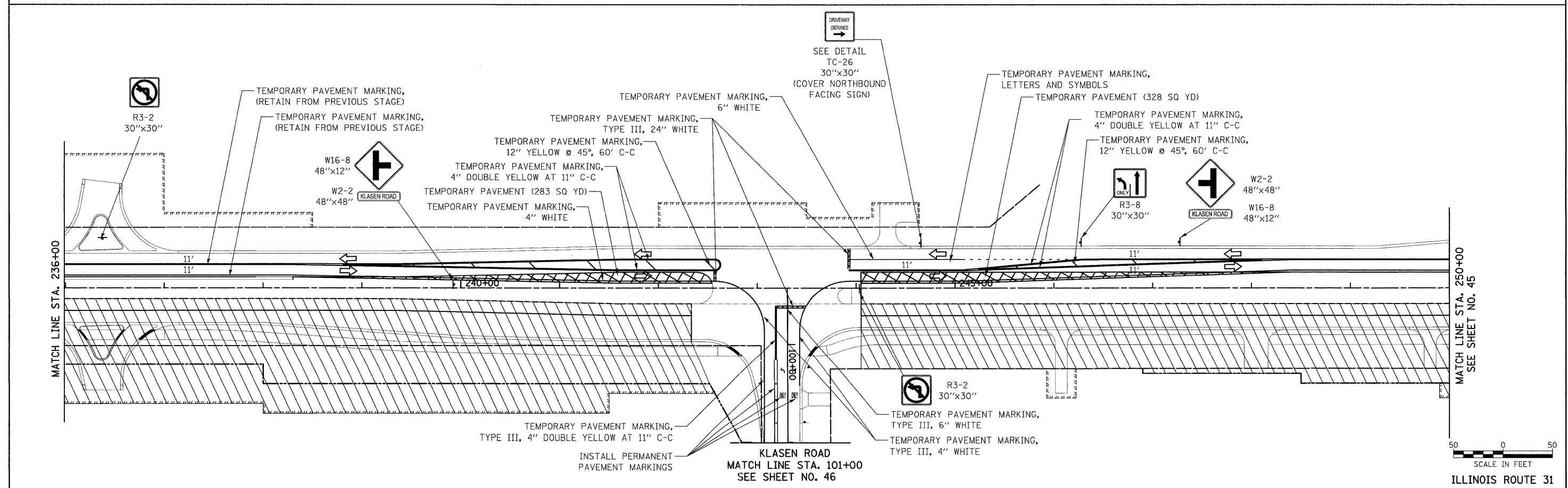
**MAINTENANCE OF TRAFFIC - STAGE 2B**

SCALE: 1" = 50'    SHEET NO. 20 OF 31 SHEETS    STA. 208+78.12 TO STA. 221+50

F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 43
CONTRACT NO. 63553			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064003	

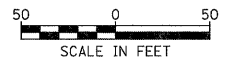
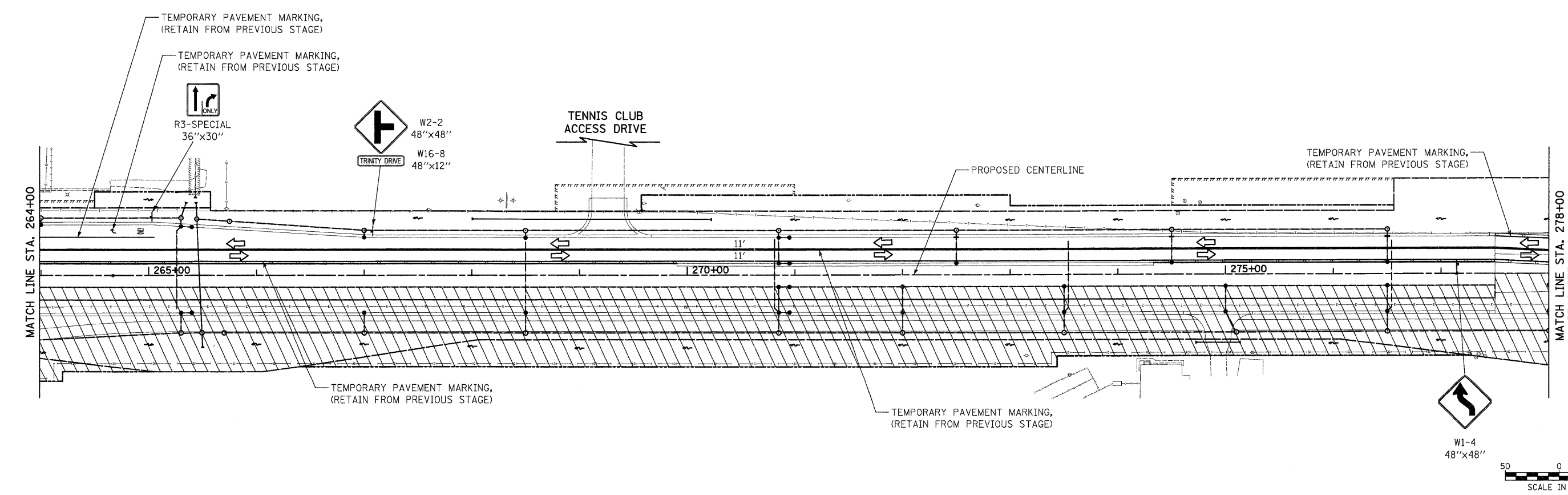
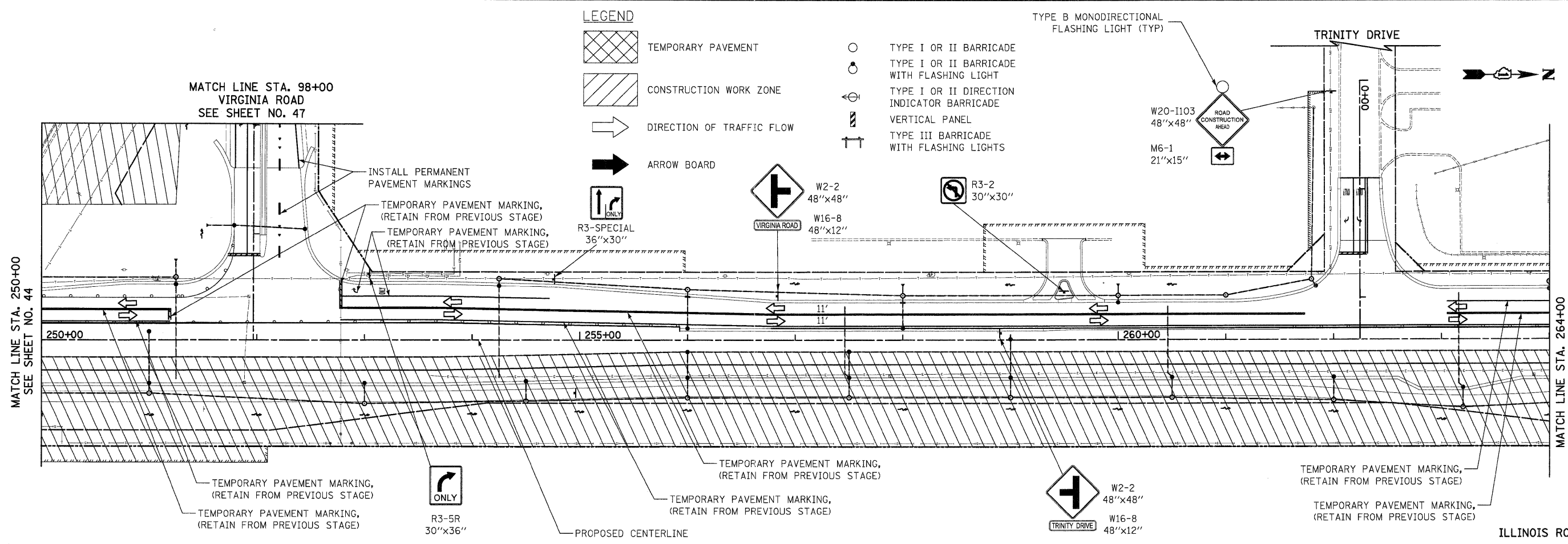


ILLINOIS ROUTE 31



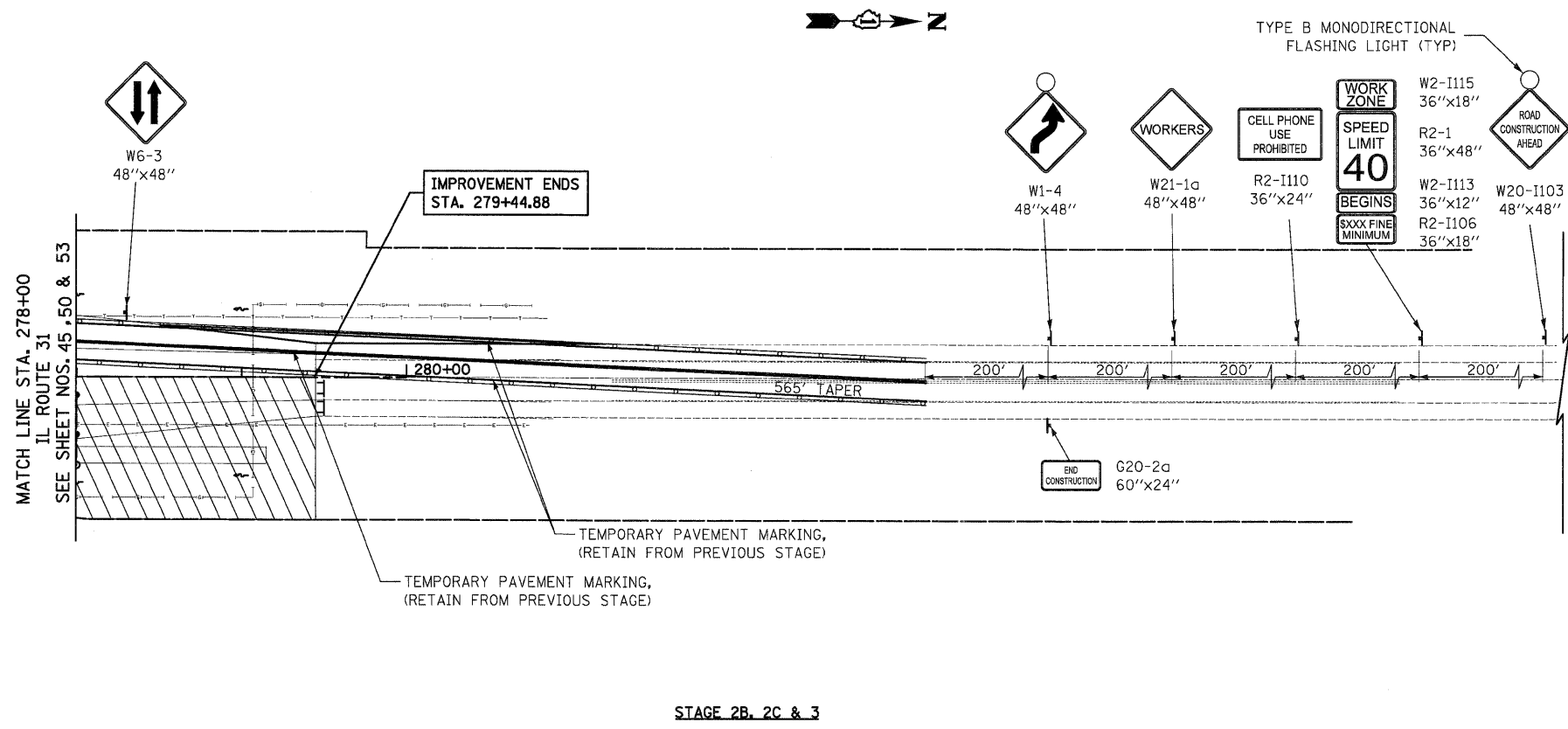
ILLINOIS ROUTE 31

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	PLOT SCALE = 50.0000 "/> in.	CHECKED - GAB	REVISED -		SCALE: 1" = 50'	SHEET NO. 21 OF 31 SHEETS	STA. 221+50 TO STA. 250+00	CONTRACT NO. 63553				
	PLOT DATE = 12/9/2011	DATE - 10/24/11	REVISED -		FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-4064003							



ILLINOIS ROUTE 31

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				SCALE: 1" = 50'		SHEET NO. 22 OF 31 SHEETS		STA. 250+00 TO STA. 278+00		CONTRACT NO. 63553		
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)</small>												



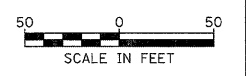
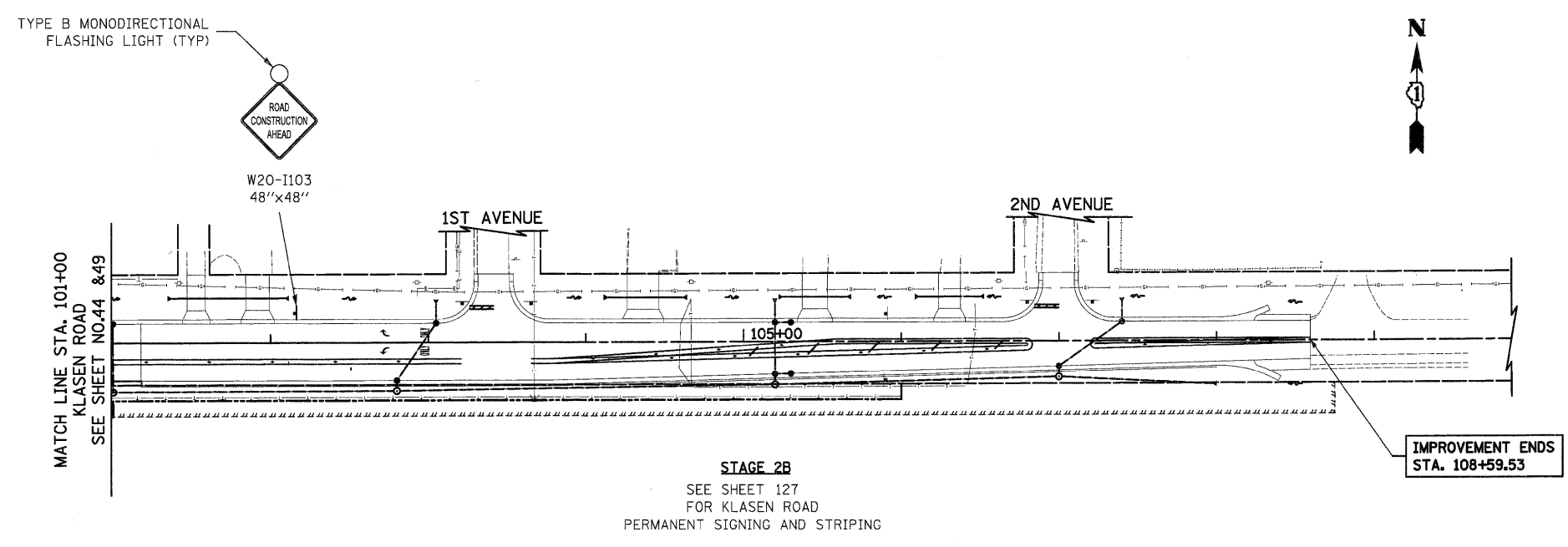
- TYPE B MONODIRECTIONAL FLASHING LIGHT (TYP)
- W2-I115 36"x18"
  - R2-1 36"x48"
  - W2-I113 36"x12"
  - R2-I106 36"x18"
  - W20-I103 48"x48"

- LEGEND**
- TEMPORARY PAVEMENT
  - CONSTRUCTION WORK ZONE
  - DIRECTION OF TRAFFIC FLOW
  - ARROW BOARD

- TYPE I OR II BARRICADE
- TYPE I OR II BARRICADE WITH FLASHING LIGHT
- TYPE I OR II DIRECTION INDICATOR BARRICADE
- VERTICAL PANEL
- TYPE III BARRICADE WITH FLASHING LIGHTS

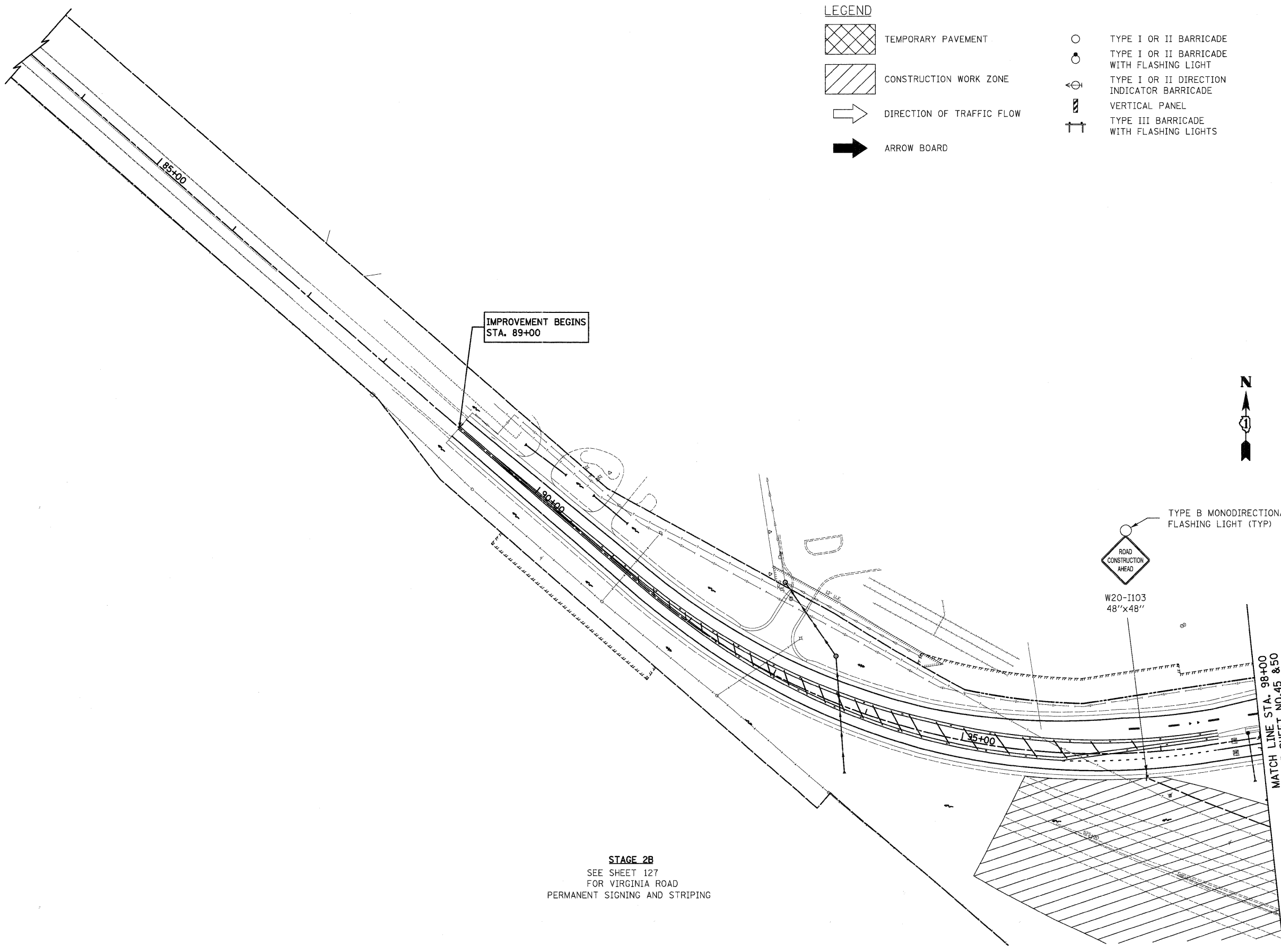
STAGE 2B, 2C & 3

ILLINOIS ROUTE 31












KLASEN ROAD

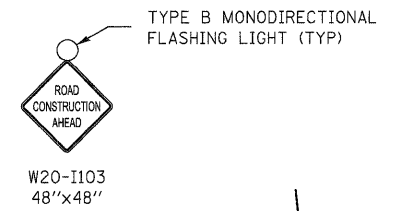
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	PLOT SCALE = 50.0000' / 1"	CHECKED - GAB	REVISED -			SCALE: 1" = 50'	SHEET NO. 23 OF 31 SHEETS	STA	TO STA	CONTRACT NO. 63553		
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-4064003						



**LEGEND**

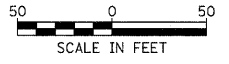
-  TEMPORARY PAVEMENT
-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE I OR II BARRICADE
-  TYPE I OR II BARRICADE WITH FLASHING LIGHT
-  TYPE I OR II DIRECTION INDICATOR BARRICADE
-  VERTICAL PANEL
-  TYPE III BARRICADE WITH FLASHING LIGHTS

IMPROVEMENT BEGINS STA. 89+00



MATCH LINE STA. 98+00  
SEE SHEET NO. 45 & 50










**STAGE 2B**  
SEE SHEET 127  
FOR VIRGINIA ROAD  
PERMANENT SIGNING AND STRIPING

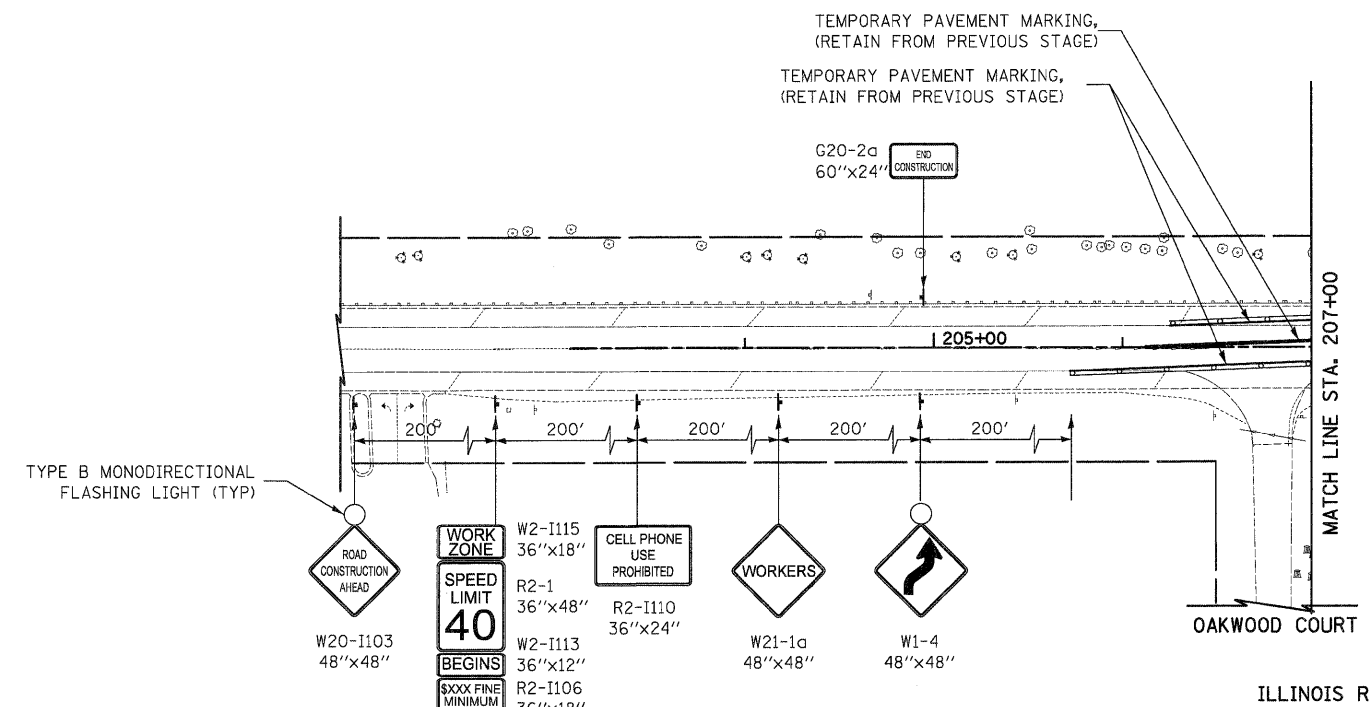


VIRGINIA ROAD

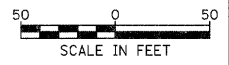
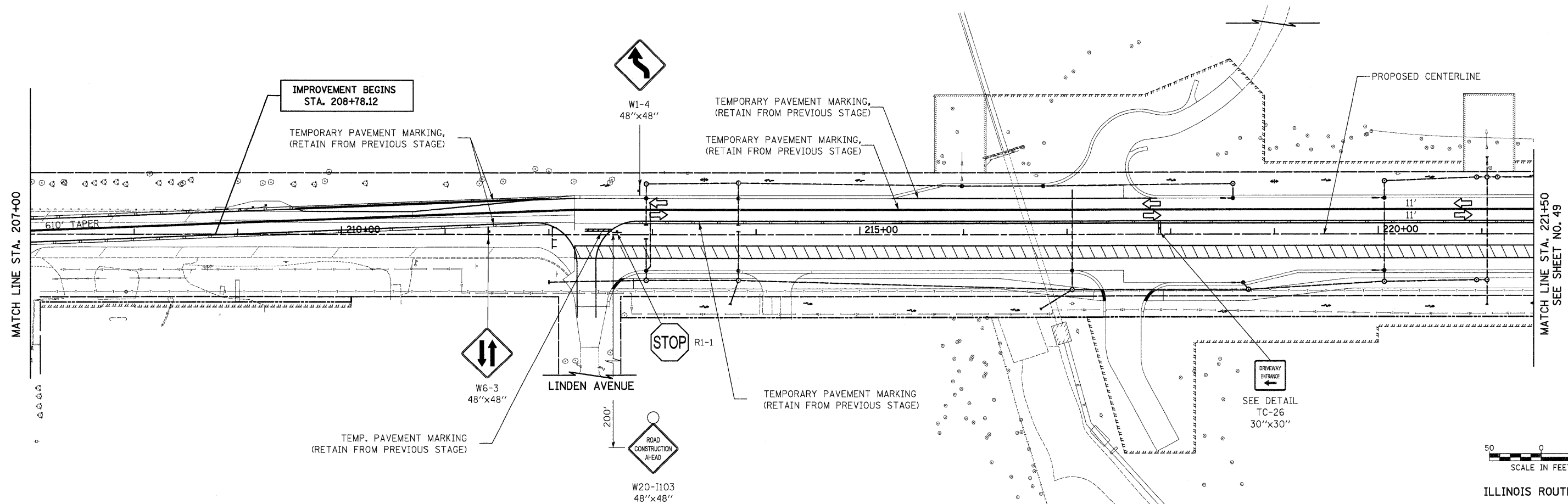
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Y:\2278 Virginia Klasan\ced\sheet\06-MO	X2278_MOT_2B_05.dgn	DRAWN - DTE	REVISED -			SCALE: 1" = 50'	SHEET NO. 24 OF 31 SHEETS	STA. 89+00	TO STA. 98+00	CONTRACT NO. 63553		
	PLOT SCALE = 50.0000' / in.	CHECKED - GAB	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)						
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -									

**LEGEND**

-  TEMPORARY PAVEMENT
-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE I OR II BARRICADE
-  TYPE I OR II BARRICADE WITH FLASHING LIGHT
-  TYPE I OR II DIRECTION INDICATOR BARRICADE
-  VERTICAL PANEL
-  TYPE III BARRICADE WITH FLASHING LIGHTS



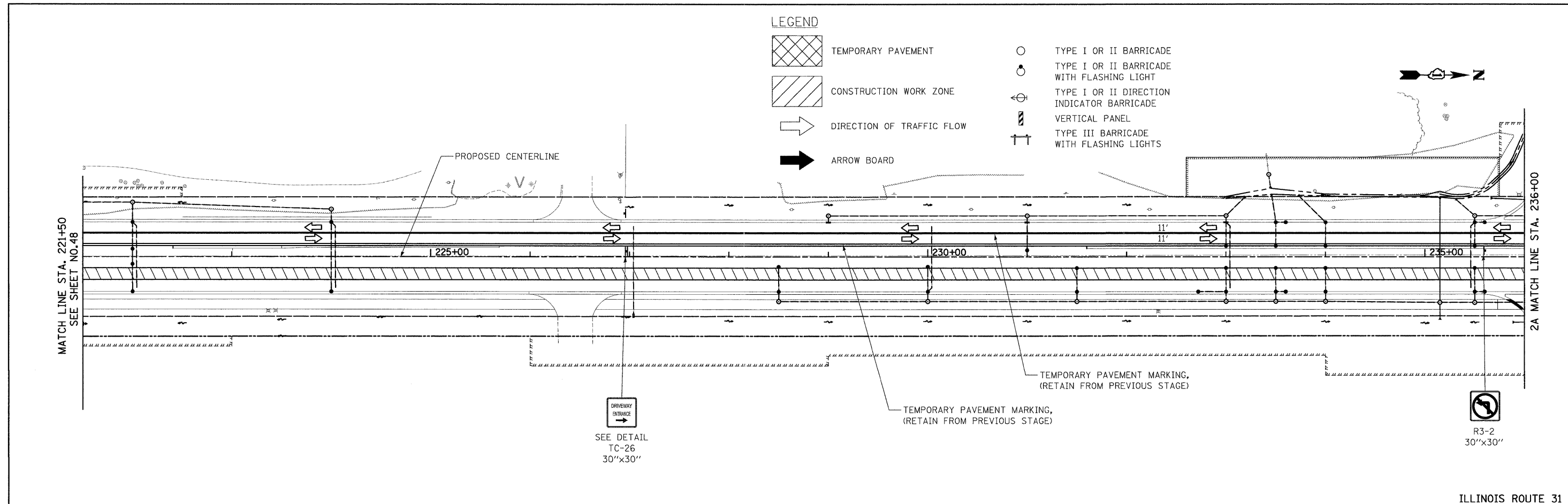
ILLINOIS ROUTE 31



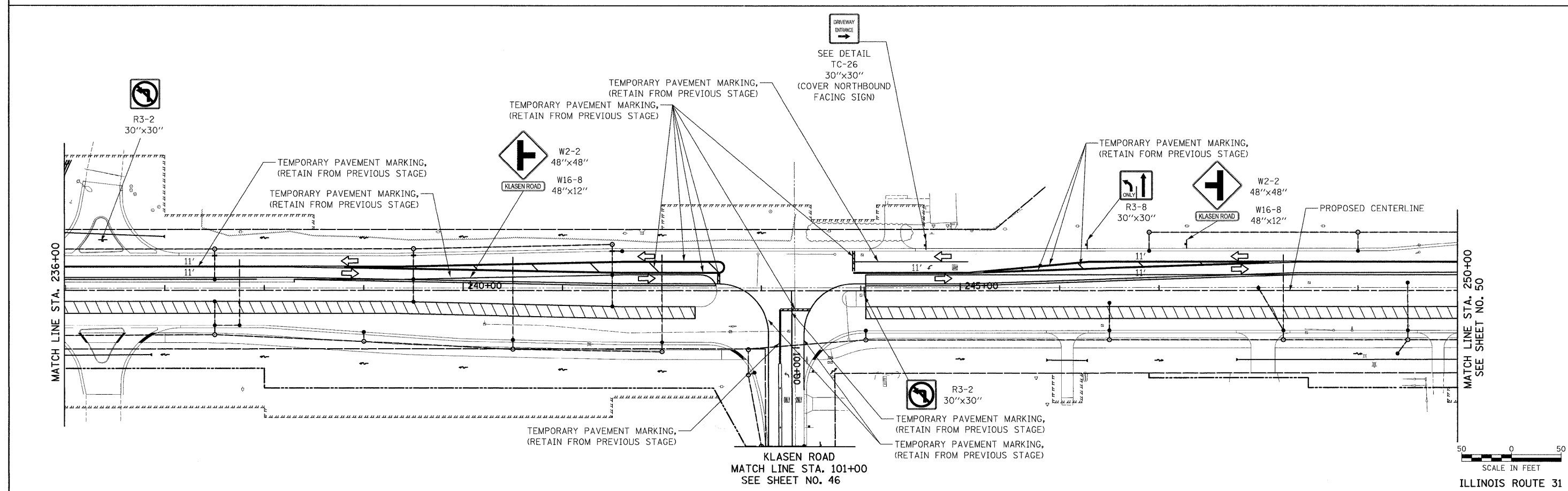
ILLINOIS ROUTE 31

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PLOT SCALE = 50.0000' / 1in.						CONTRACT NO. 63553						
PLOT DATE = 10/24/2011						SCALE: 1" = 50' SHEET NO. 25 OF 31 SHEETS STA. 208+78.12 TO STA. 221+50						
DATE = 10/24/11						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)						



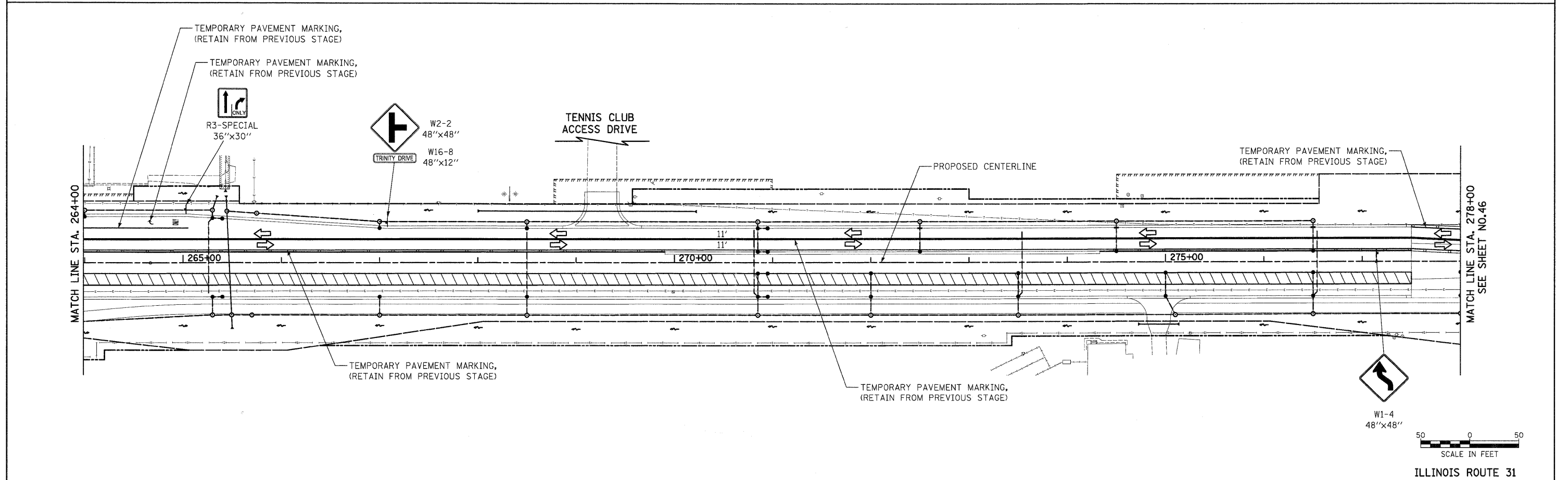
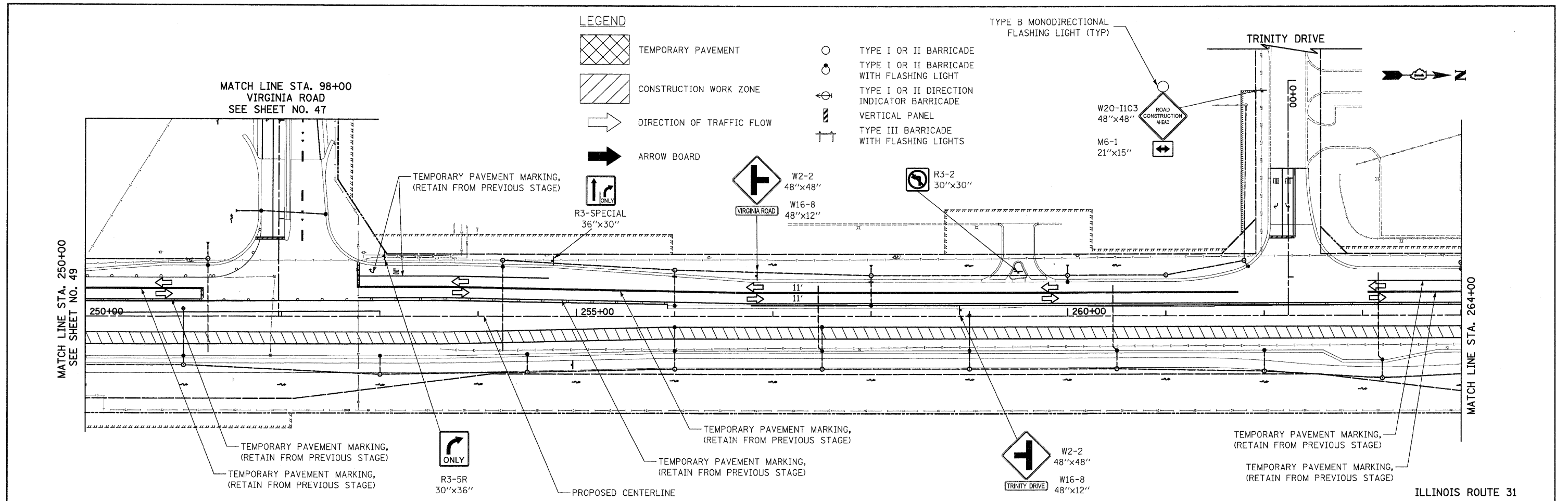


ILLINOIS ROUTE 31












ILLINOIS ROUTE 31

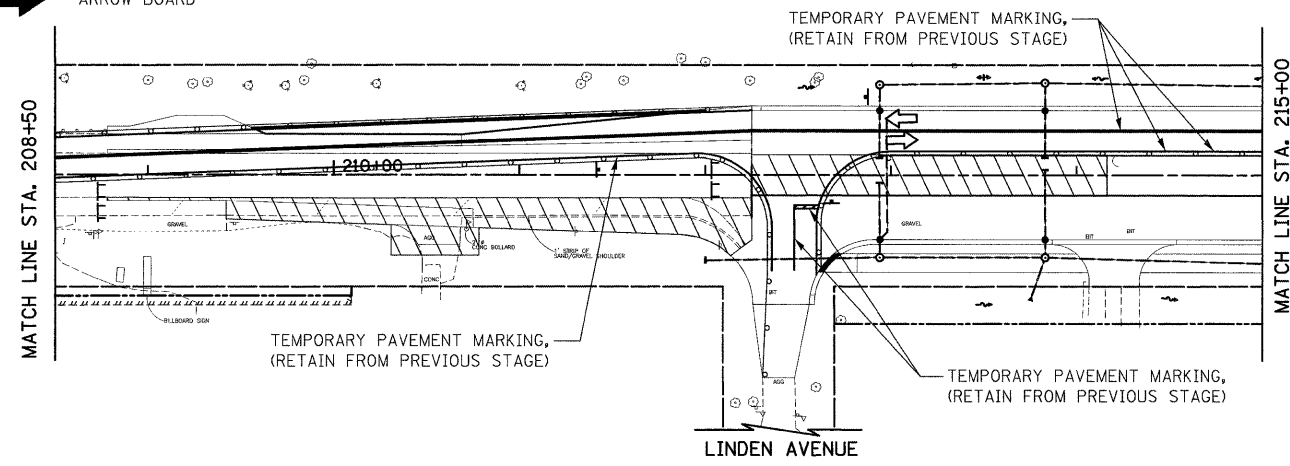
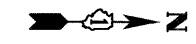
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	PLOT SCALE = 50.0000' / in.	CHECKED - GAB	REVISED -			SCALE: 1" = 50'	SHEET NO. 26 OF 31 SHEETS	STA. 221+50	TO STA. 250+00	CONTRACT NO. 63553		
	PLOT DATE = 12/9/2011	DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-4064003						



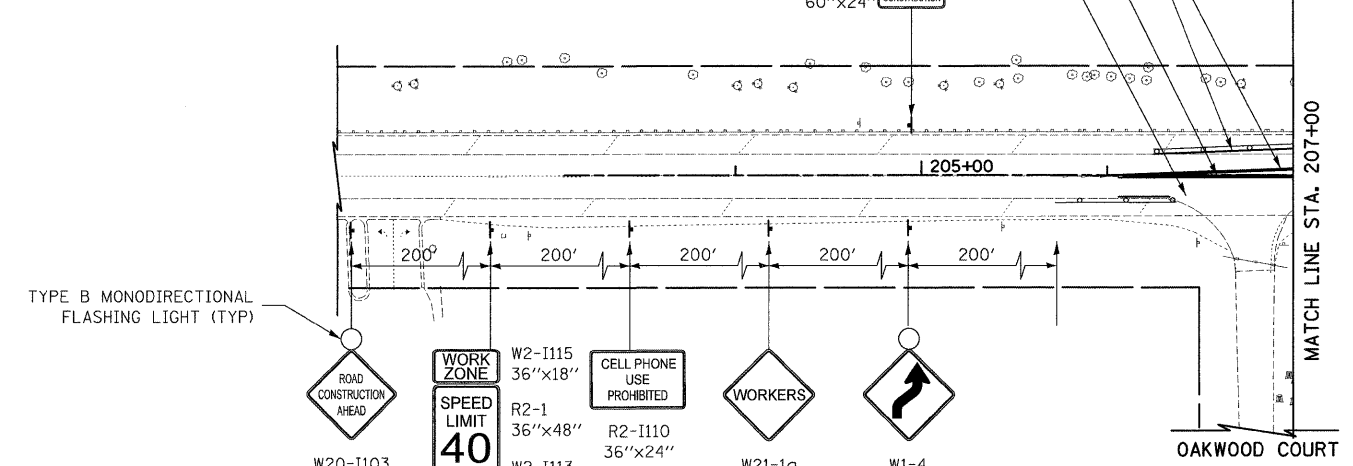
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	\2278_MOT_2C_03.dgn	DRAWN - DTE	REVISED -			SCALE: 1" = 50'	SHEET NO. 27 OF 31 SHEETS	STA. 250+00	TO STA. 278+00	CONTRACT NO. 63553		
	PLOT SCALE = 50.0000' / 1in.	CHECKED - GAB	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064003						
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -									

**LEGEND**

-  TEMPORARY PAVEMENT
-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE I OR II BARRICADE
-  TYPE I OR II BARRICADE WITH FLASHING LIGHT
-  TYPE I OR II DIRECTION INDICATOR BARRICADE
-  VERTICAL PANEL
-  TYPE III BARRICADE WITH FLASHING LIGHTS

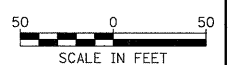
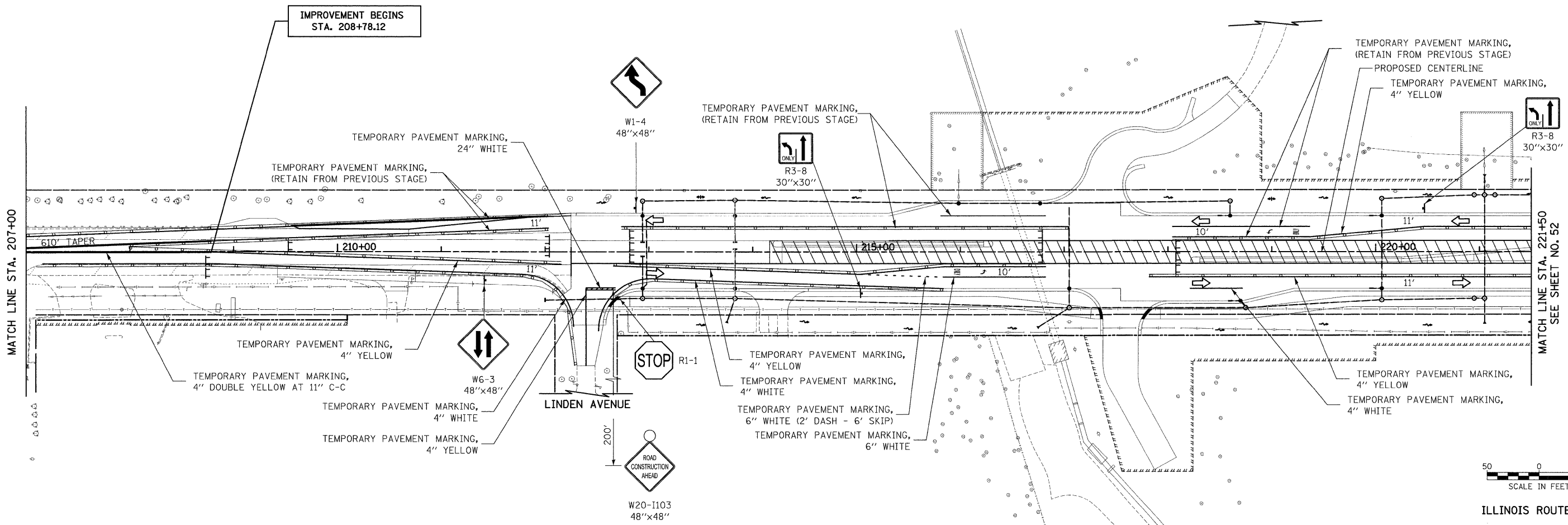


PRE-STAGE 3  
ILLINOIS ROUTE 31



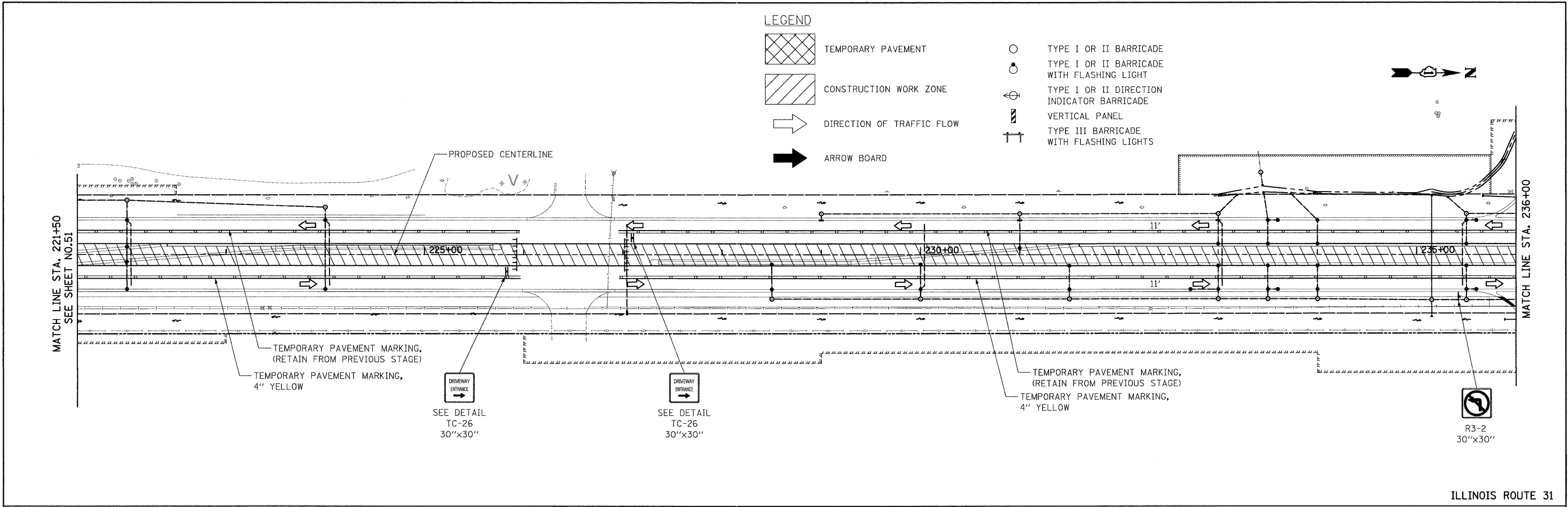
ILLINOIS ROUTE 31

- W20-I103 48"x48"
- W2-I115 36"x18"
- R2-1 36"x48"
- W2-I113 36"x12"
- R2-I106 36"x18"
- CELL PHONE USE PROHIBITED R2-I110 36"x24"
- W21-1a 48"x48"
- W1-4 48"x48"
- WORKERS
- ROAD CONSTRUCTION AHEAD
- TYPE B MONODIRECTIONAL FLASHING LIGHT (TYP)
- W20-I103 48"x48"

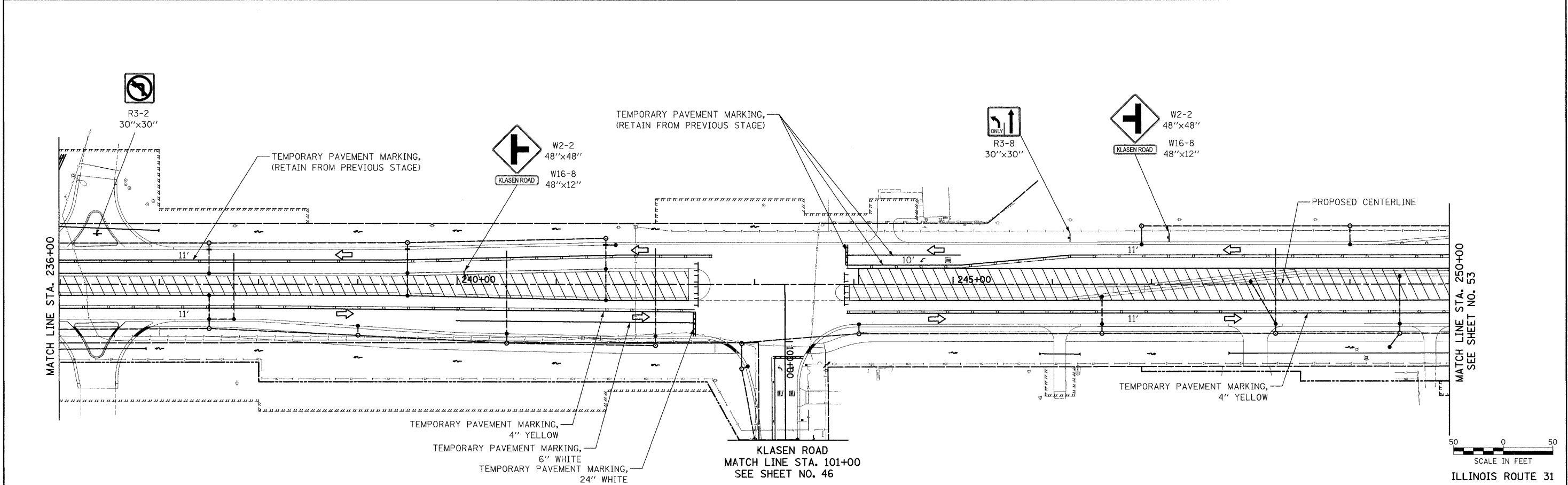


ILLINOIS ROUTE 31

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		DRAWN - DTE	REVISED -			SCALE: 1" = 50'	SHEET NO. 28 OF 31 SHEETS	STA. 208+78.12	TO STA. 221+50	CONTRACT NO. 63553		
		CHECKED - GAB	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-4064003						
		DATE - 10/24/11	REVISED -									

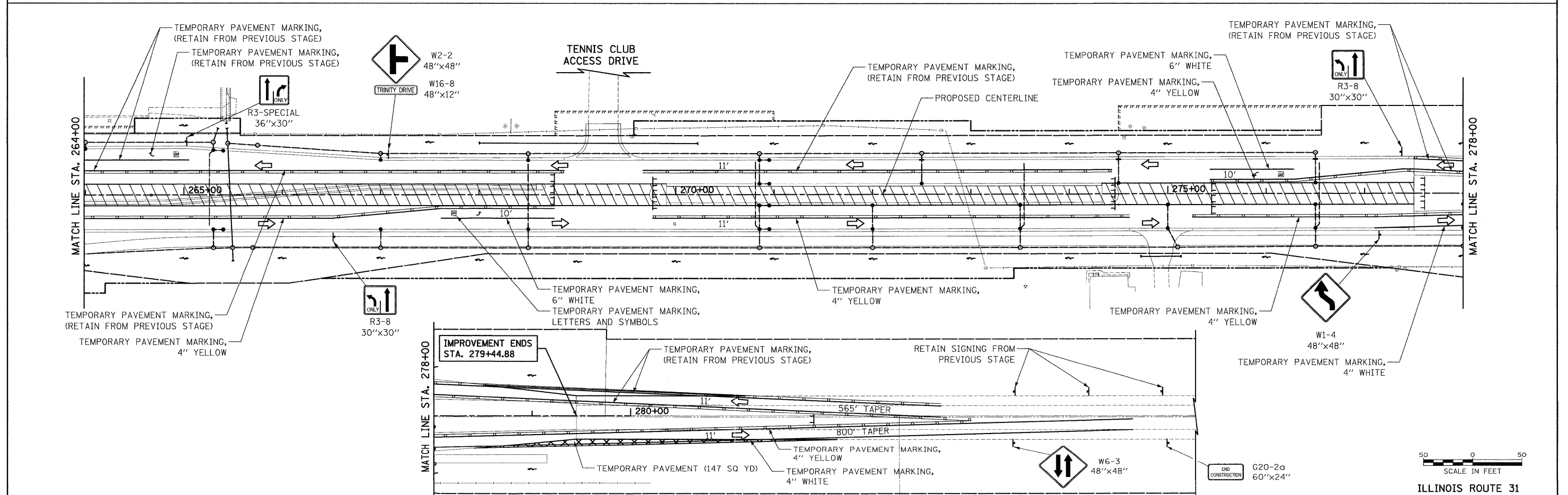
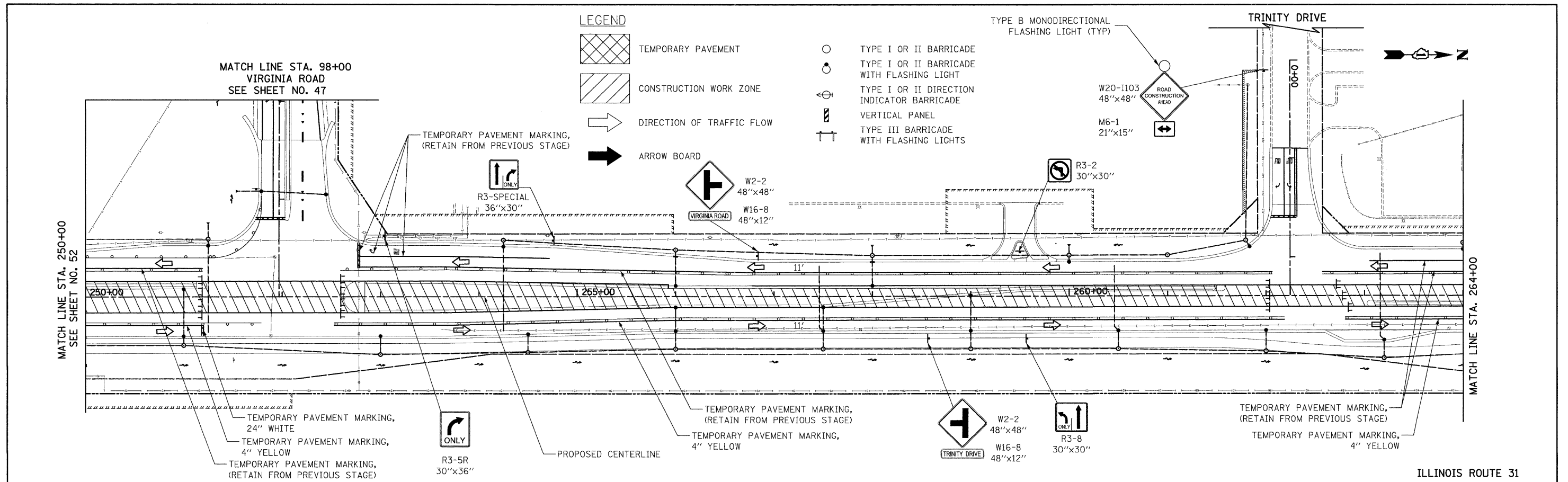


ILLINOIS ROUTE 31



ILLINOIS ROUTE 31

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PLOT SCALE = 50.0000' / in.	CHECKED - GAB	REVISIED -	SCALE: 1" = 50'			SHEET NO. 29 OF 31 SHEETS	STA. 221+50 TO STA. 250+00	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT HPP-4064(003)	CONTRACT NO. 63553			
PLOT DATE = 12/9/2011	DATE - 10/24/11	REVISIED -											



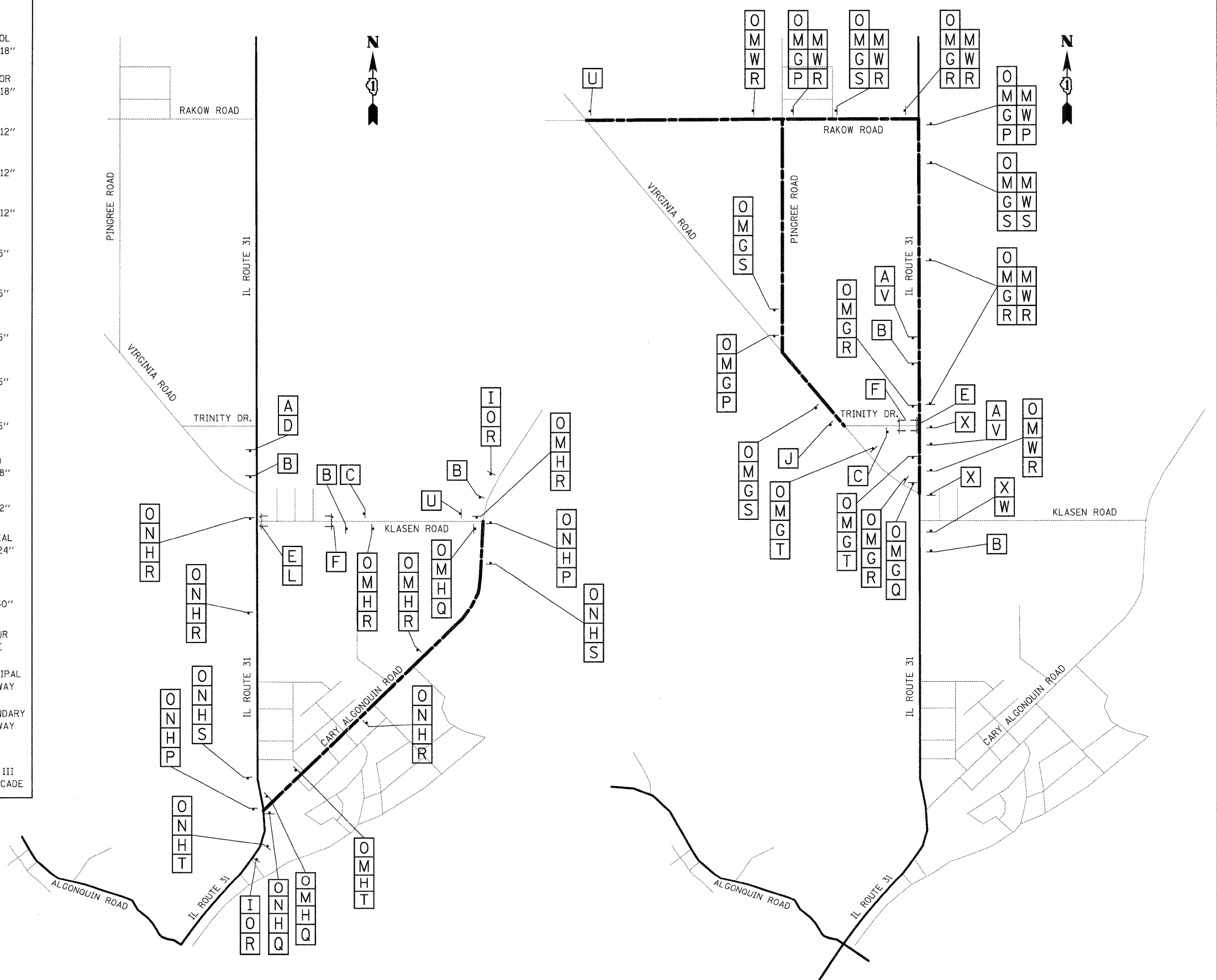
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DRAWN - DTE						SCALE: 1" = 50'		SHEET NO. 30 OF 31 SHEETS		STA. 250+00 TO STA. 279+44.88		FED. ROAD DIST. NO. 1 ILLINOIS
CHECKED - GAB						CONTRACT NO. 63553		FED. AID PROJECT HPP-4064(003)				
DATE - 10/24/11												

**LEGEND**

<b>A</b>		W20-3 36"x36"	<b>K</b>		M4-10L 48"x18"
<b>B</b>		W20-2 36"x36"	<b>L</b>		M4-10R 48"x18"
<b>C</b>		W20-3 36"x36"	<b>M</b>		M3-2 24"x12"
<b>D</b>		W16-8 33"x12"	<b>N</b>		M3-2 24"x12"
<b>E</b>		R11-2 48"x30"	<b>O</b>		M4-8 24"x12"
<b>F</b>		R11-4 60"x30"	<b>P</b>		M6-1L 21"x15"
<b>G</b>		SPECIAL 30"x24"	<b>Q</b>		M6-1R 21"x15"
<b>H</b>		SPECIAL 30"x24"	<b>R</b>		M6-3 21"x15"
<b>I</b>		R11-3 60"x30"	<b>S</b>		M5-1L 21"x15"
<b>J</b>		R11-3 60"x30"	<b>T</b>		M5-1R 21"x15"
			<b>U</b>		M4-8c 24"x18"
			<b>V</b>		W16-8 33"x12"
			<b>W</b>		SPECIAL 30"x24"
			<b>X</b>		R3-2 30"x30"
					DETOUR ROUTE
					PRINCIPAL ROADWAY
					SECONDARY ROADWAY
					SIGN
					TYPE III BARRICADE

**KLASEN ROAD DETOUR**

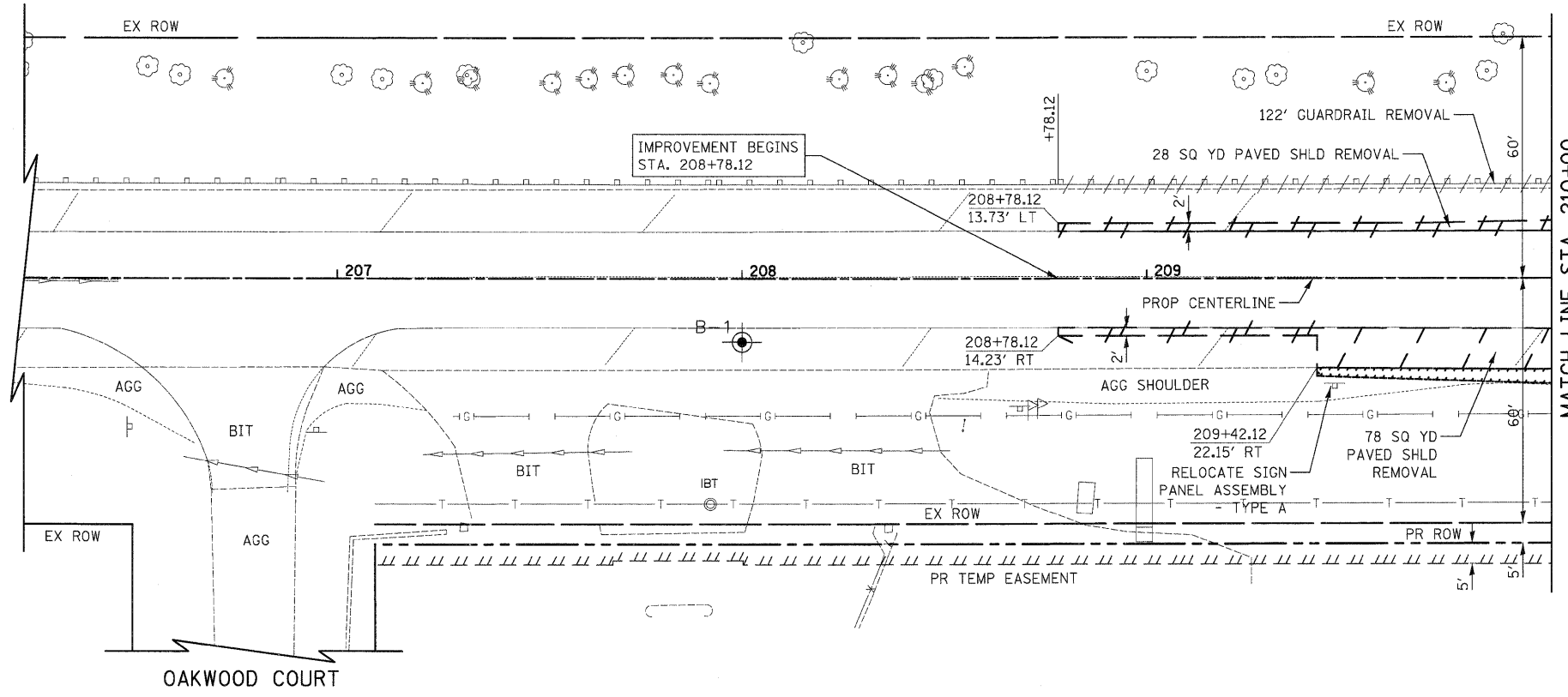
**VIRGINIA ROAD & TRINITY DRIVE DETOUR**



- NOTES:**
1. THE WORK SHOWN ON THIS SHEET SHALL BE PAID FOR AS 1 EACH FOR "TRAFFIC CONTROL AND PROTECTION FOR DETOUR ROUTE".
  2. KLASEN ROAD SHALL BE CLOSED FOR STAGE 2A, TRINITY DRIVE SHALL BE CLOSED FOR STAGE 1B.
  3. NO LEFT TURNS WILL BE ALLOWED ONTO VIRGINIA ROAD OR TRINITY DRIVE FOR THE ENTIRETY OF THE PROJECT.

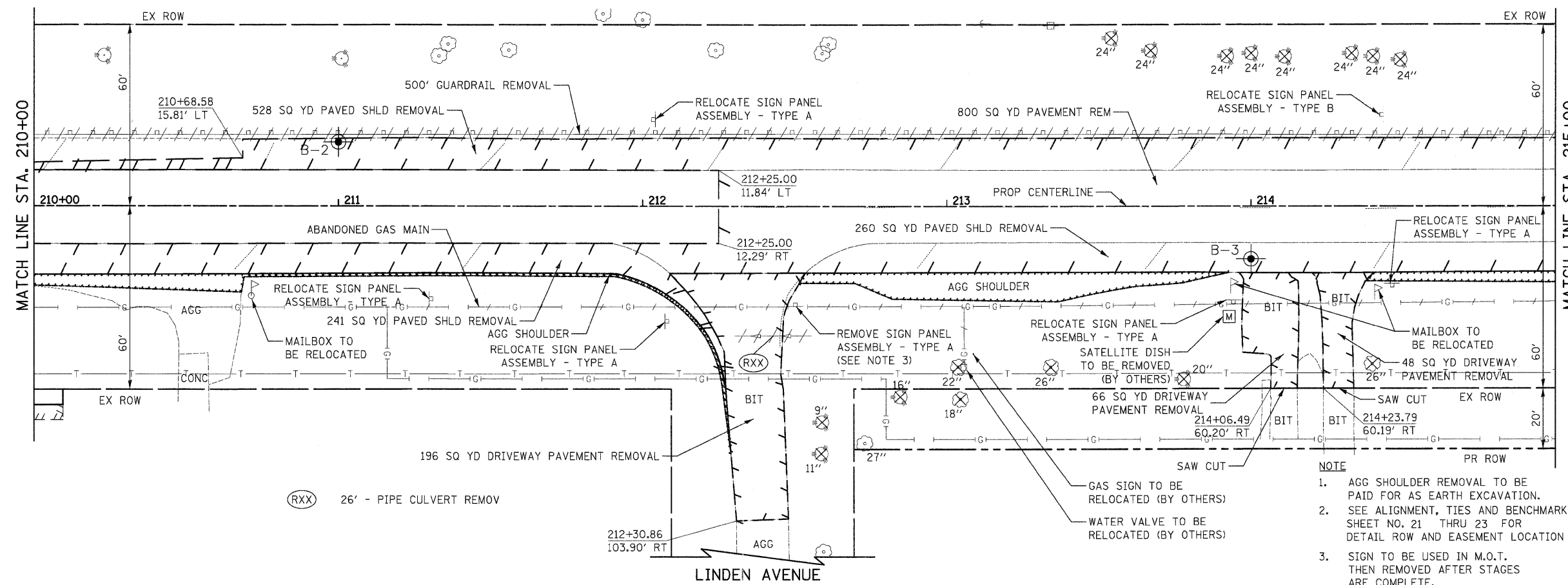
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PLOT SCALE = 500.0000' / in.	CHECKED - GAB	REVISIONS	SCALE: N.T.S.			SHEET NO. 31 OF 31 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS]	FED. AID PROJECT HPP-40640031	
PLOT DATE = 10/24/2011	DATE - 10/24/11									

DATE	
BY	
PLAN	
REVISIONS	
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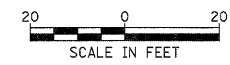


ILLINOIS ROUTE 31

DATE	
BY	
PROFILE	
REVISIONS	
NO.	
DATE	
BY	
PROFILE	
REVISIONS	
NO.	
DATE	
BY	
PROFILE	
REVISIONS	
NO.	



- NOTE**
1. AGG SHOULDER REMOVAL TO BE PAID FOR AS EARTH EXCAVATION.
  2. SEE ALIGNMENT, TIES AND BENCHMARKS SHEET NO. 21 THRU 23 FOR DETAIL ROW AND EASEMENT LOCATION
  3. SIGN TO BE USED IN M.O.T. THEN REMOVED AFTER STAGES ARE COMPLETE.



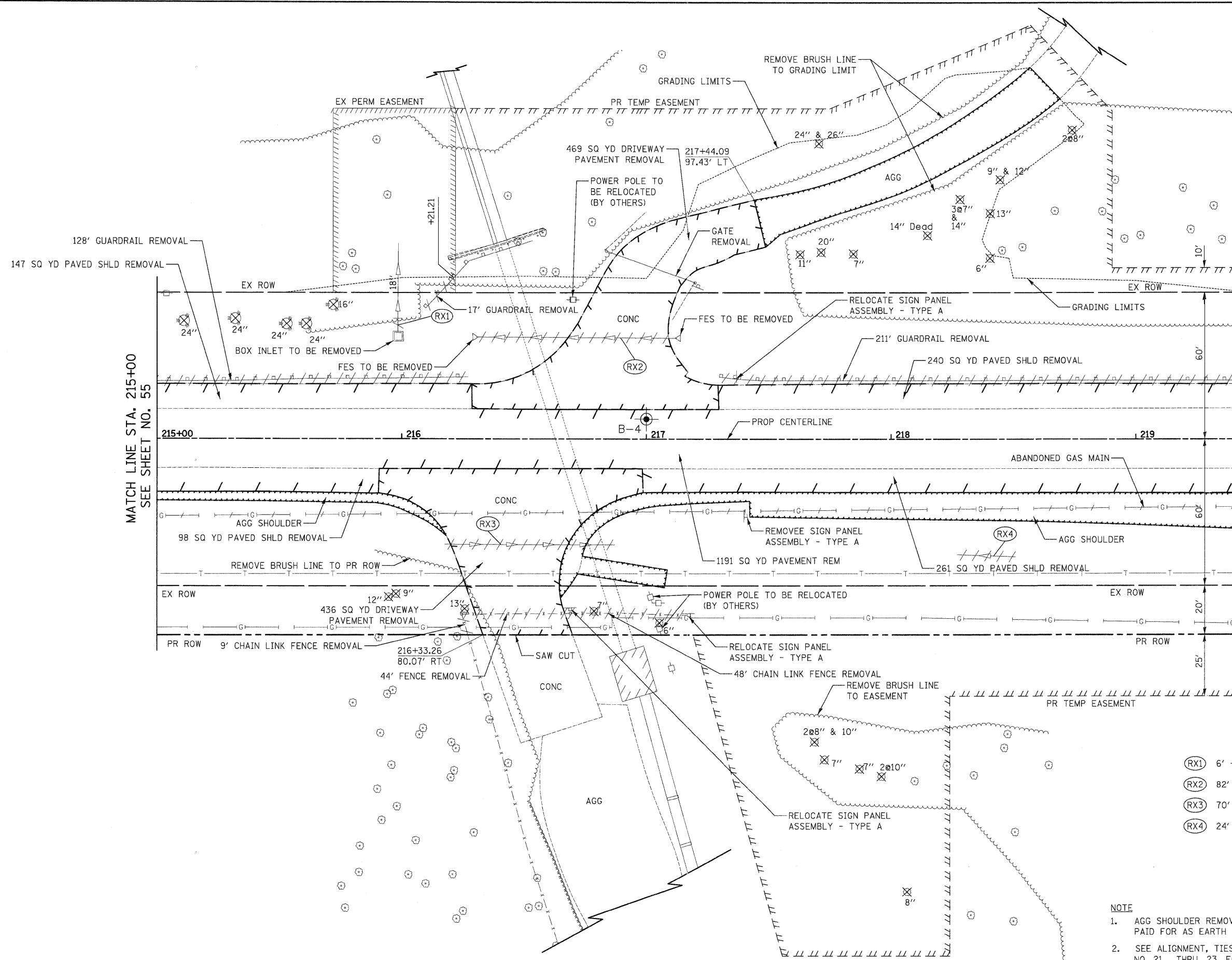
ILLINOIS ROUTE 31

FILE NAME =	USER NAME = dta	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>			F.A.J. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 55
Y:\2278_Virginia_Klasen\cad\sheet\07-Remo	als\2278_REM_01.dgn	DRAWN - DTE	REVISED -		SCALE: 1" = 20'	SHEET NO. 1 OF 14 SHEETS	STA. 210+00 TO STA. 215+00	FED. ROAD DIST. NO. 1   ILLINOIS		FED. AID PROJECT HPP-4064(003)	CONTRACT NO. 63553	
		CHECKED - GAB	REVISED -									
		DATE - 10/24/11	REVISED -									



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

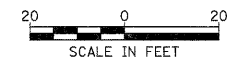


MATCH LINE STA. 215+00  
SEE SHEET NO. 55

MATCH LINE STA. 219+40  
SEE SHEET NO. 57

- (RX1) 6' - SS REM 18
- (RX2) 82' - PIPE CULVERT REMOV
- (RX3) 70' - PIPE CULVERT REMOV
- (RX4) 24' - PIPE CULVERT REMOV

- NOTE
- AGG SHOULDER REMOVAL TO BE PAID FOR AS EARTH EXCAVATION
  - SEE ALIGNMENT, TIES AND BENCHMARKS SHEET NO. 21 THRU 23 FOR DETAIL ROW AND EASEMENT LOCATIONS



ILLINOIS ROUTE 31

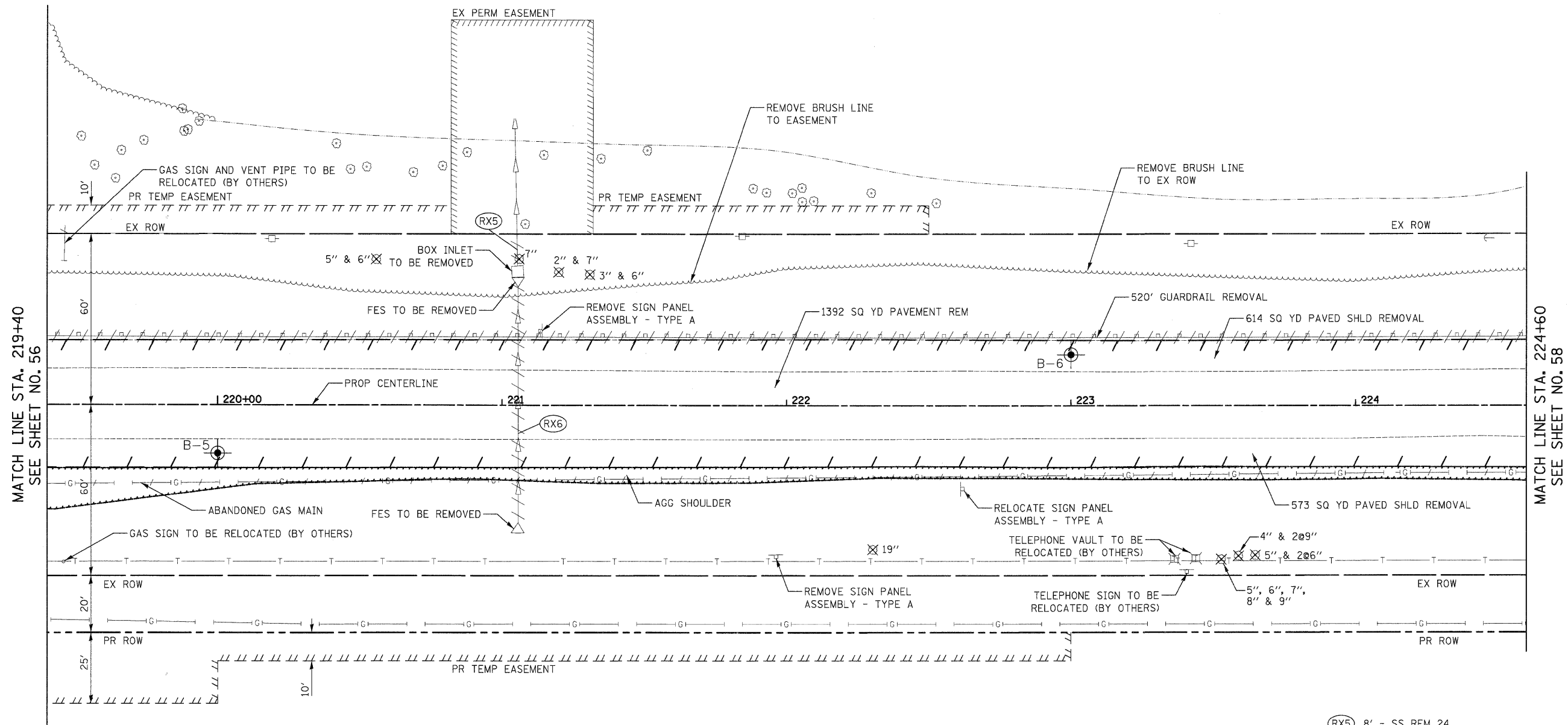
FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>			F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 56
Y:\2278 Virginia Klaser\load\sheet\07-Removals\2278_REM_02.dgn	PLOT SCALE = 20.0000' / in.	DRAWN - DTE	REVISED -		SCALE: 1" = 20'	SHEET NO. 2 OF 14 SHEETS	STA. 215+00 TO STA. 219+40	CONTRACT NO. 63553		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-40640031		
	PLOT DATE = 10/24/2011	CHECKED - GAB	REVISED -									
		DATE - 10/24/11	REVISED -									





PLAN	REVIEWED	DATE
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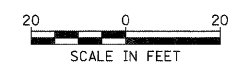
PROFILE	REVIEWED	DATE
	BY	
	NO.	
	NO.	
	NO.	
	NO.	



- (RX5) 8' - SS REM 24
- (RX6) 83' - SS REM 24

**NOTE**

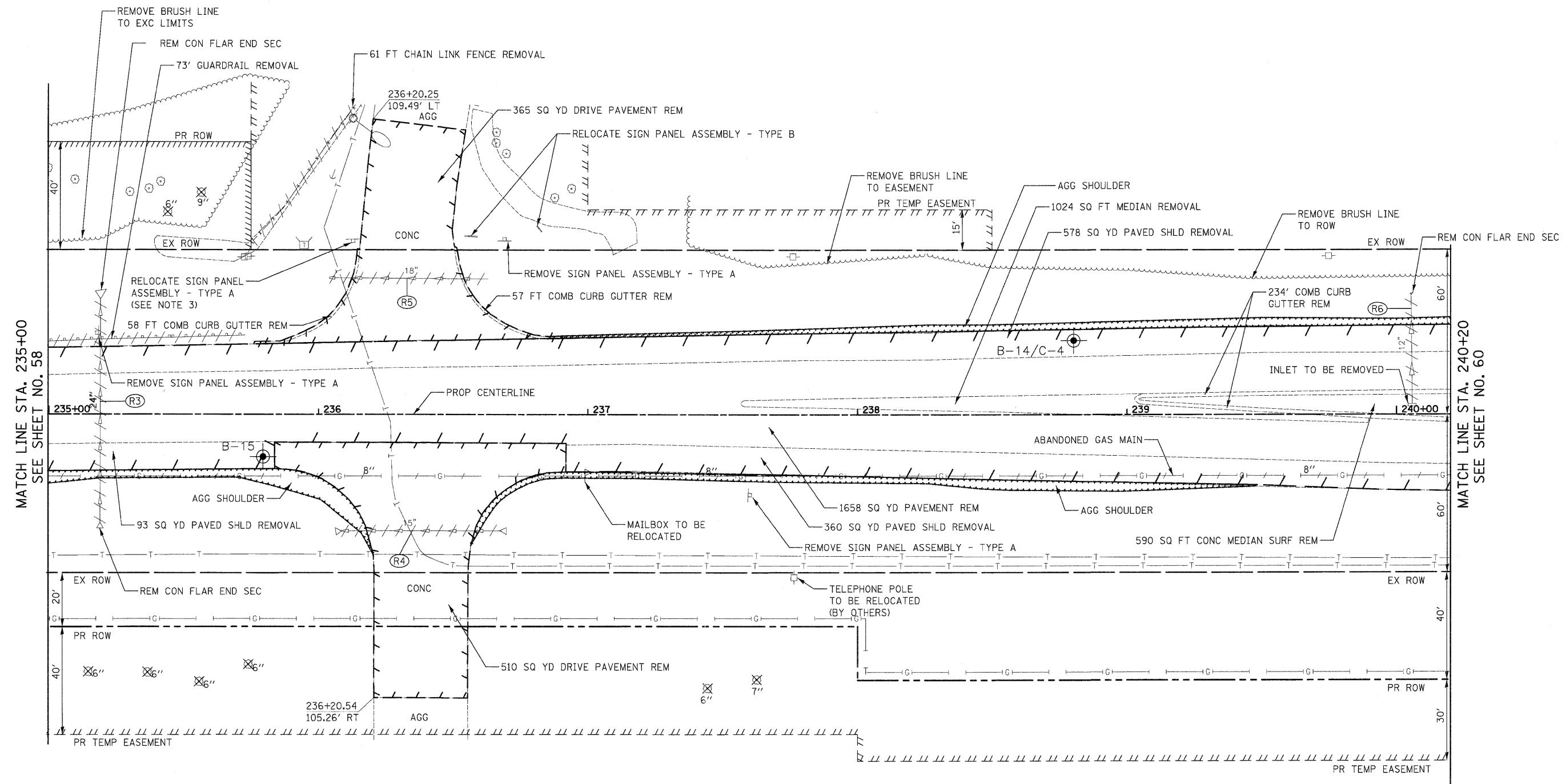
1. AGG SHOULDER REMOVAL TO BE PAID FOR AS EARTH EXCAVATION
2. SEE ALIGNMENT, TIES AND BENCHMARKS SHEET NO. 21 THRU 23 FOR DETAIL ROW AND EASEMENT LOCATIONS



ILLINOIS ROUTE 31

FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Y:\2278 Virginia Klassen\cad\sheet\27-Removal\2278.REM.03.dgn		DRAWN - DTE	REVISED -			3887	96-00209-01-PV	McHENRY	271	57	
PLOT SCALE = 28,0000 1/16"		CHECKED - GAB	REVISED -			SCALE: 1" = 20'		SHEET NO. 3 OF 14 SHEETS		STA. 219+40 TO STA. 224+60	
PLOT DATE = 10/24/11		DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT HPP-4064(003)		CONTRACT NO. 63553	

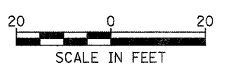




MATCH LINE STA. 235+00  
SEE SHEET NO. 58

MATCH LINE STA. 240+20  
SEE SHEET NO. 60

- NOTE**
- |  |                               |
|--|-------------------------------|
| 1. AGG SHOULDER REMOVAL TO BE PAID FOR AS EARTH EXCAVATION                                       | (R3) 84' - SS REM 24          |
| 2. SEE ALIGNMENT, TIES AND BENCHMARKS SHEET NO. 21 THRU 23 FOR DETAIL ROW AND EASEMENT LOCATIONS | (R4) 60' - PIPE CULVERT REMOV |
| 3. SIGN TO BE USED IN M.O.T. THEN RELOCATED AFTER STAGES ARE COMPLETE                            | (R5) 59' - PIPE CULVERT REMOV |
|  | (R6) 41' - SS REM 12          |

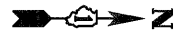


ILLINOIS ROUTE 31

DATE	BY	REVISION

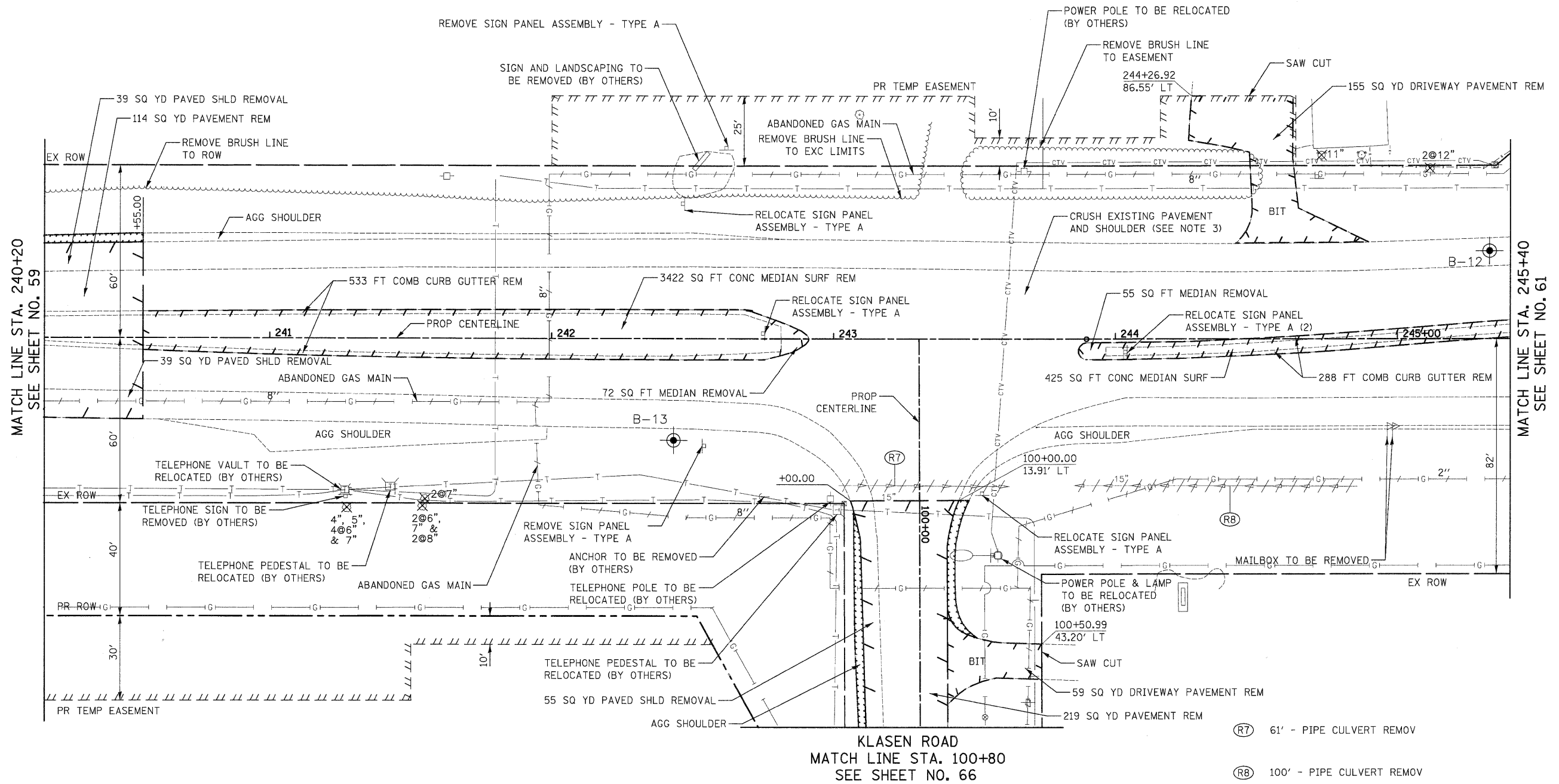
DATE	BY	REVISION

FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y:\2278 Virginia Klassen\cad\sheet\07-Removal\12278_REM_05.dgn	DRAWN - DTE	REVISED -	3887			96-00209-01-PV	MOHENTRY	271	59	
PLOT SCALE = 20,0000' / in.	CHECKED - GAB	REVISED -	CONTRACT NO. 63553							
PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-406410031							
		SCALE: 1" = 20'			SHEET NO. 5 OF 14 SHEETS		STA. 235+00 TO STA. 240+20			



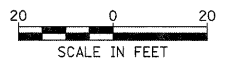
DATE	
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NOTE BOOK	
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GRADES	
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STRUCTURE	
NOTATION	
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KLASEN ROAD  
MATCH LINE STA. 100+80  
SEE SHEET NO. 66

- NOTE**
1. AGG SHOULDER REMOVAL TO BE PAID FOR AS EARTH EXCAVATION
  2. SEE ALIGNMENT, TIES AND BENCHMARKS SHEET NO. 21 THRU 23 FOR DETAIL ROW AND EASEMENT LOCATIONS
  3. PAVEMENT SHALL BE BROKEN INTO PIECES NOT TO EXCEED 3 SQ FT IN SURFACE AREA AND TO BE PAID FOR AS EARTH EXCAVATION.



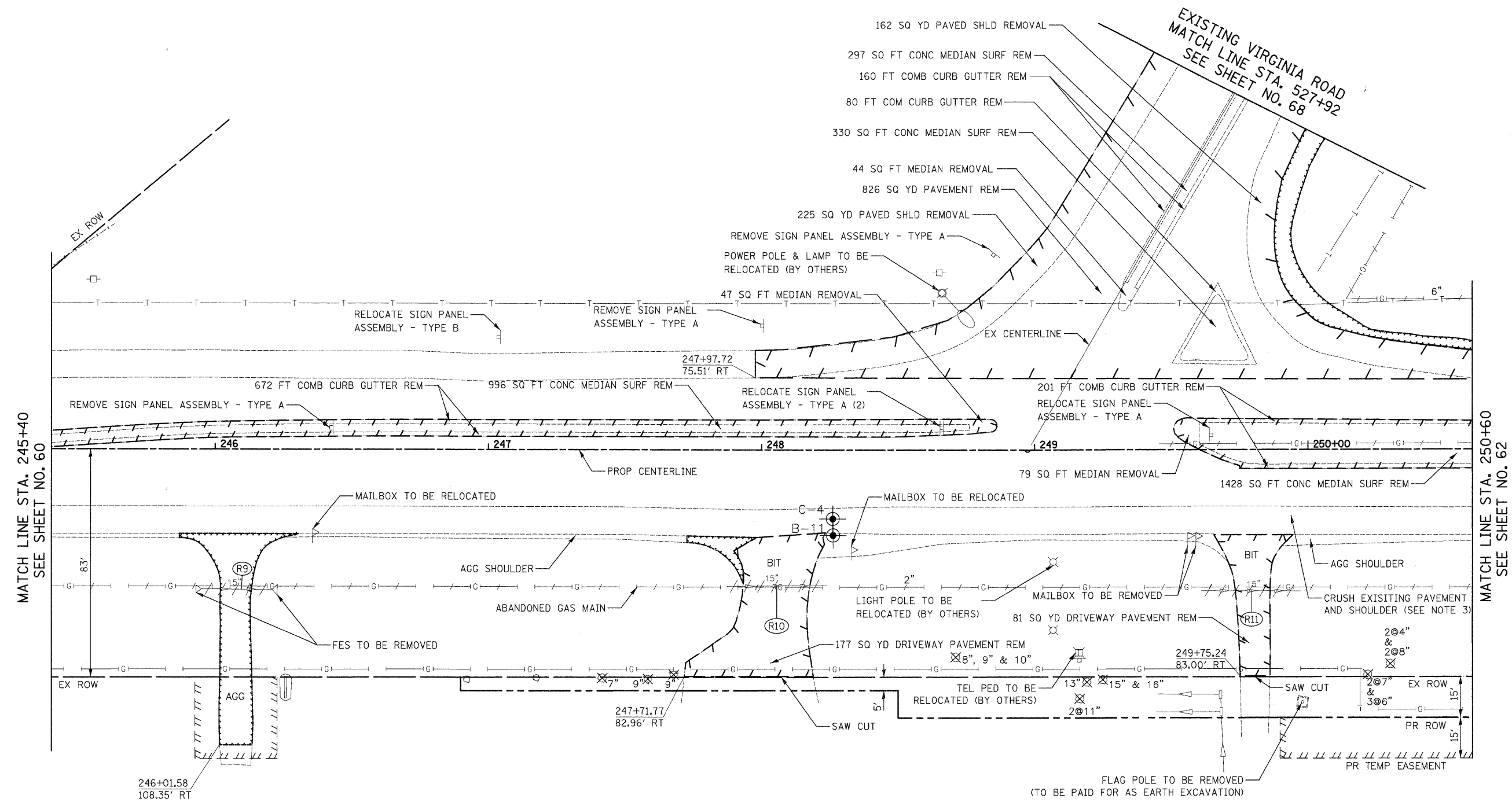
ILLINOIS ROUTE 31

FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>	F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY MCHENRY	TOTAL SHEETS 271	SHEET NO. 60		
Y:\2278 Virginia Klasan\load\sheet\07-Removals\2278_REM_06.dgn	PLOT SCALE = 20.0000' / in.	CHECKED - GAB	REVISED -			SCALE: 1" = 20'	SHEET NO. 6 OF 14 SHEETS	STA. 240+20 TO STA. 245+40	CONTRACT NO. 63553			
PLOT DATE = 10/24/2011	DATE = 10/24/11	DATE = 10/24/11	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-4064003						



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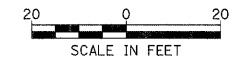
PROFILE	REVIEWED	DATE
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	NOTED	
	DATE	



**NOTE**

1. AGG SHOULDER REMOVAL TO BE PAID FOR AS EARTH EXCAVATION
2. SEE ALIGNMENT, TIES AND BENCHMARKS SHEET NO. 21 THRU 23 FOR DETAIL ROW AND EASEMENT LOCATIONS
3. PAVEMENT SHALL BE BROKEN INTO PIECES NOT TO EXCEED 3 SQ FT IN SURFACE AREA AND TO BE PAID FOR AS EARTH EXCAVATION.

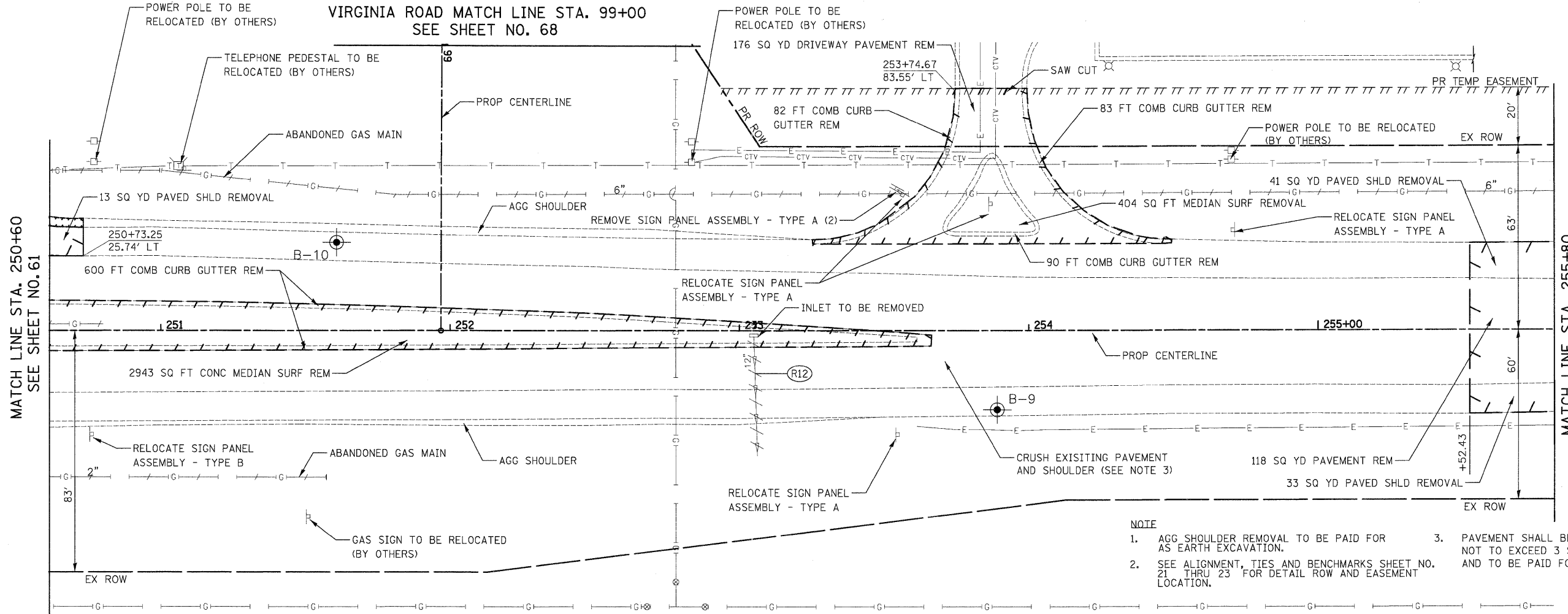
- (R9) 26' - PIPE CULVERT REMOV
- (R10) 37' - PIPE CULVERT REMOV
- (R11) 36' - PIPE CULVERT REMOV



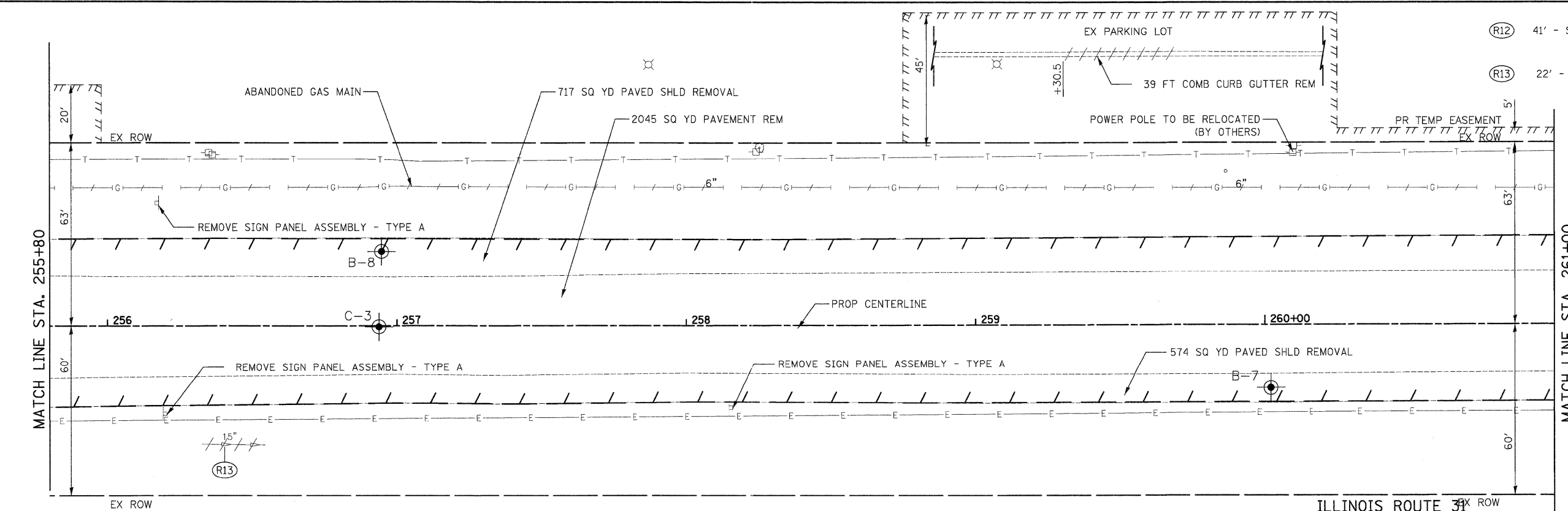
ILLINOIS ROUTE 31

FILE NAME =	USER NAME = dse	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y:\2278 Virginia Klassen\cad\sheet\07-Removals\2278_REM_07.dgn		DRAWN - DTE	REVISED -			3887	96-00209-01-PV	McHENRY	271	61
PLOT SCALE = 28.0000' / 1" =		CHECKED - GAB	REVISED -			CONTRACT NO. 63553				
PLOT DATE = 10/24/2011		DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)				
				SCALE: 1" = 20'		SHEET NO. 7 OF 14 SHEETS		STA. 245+40 TO STA. 250+60		

VIRGINIA ROAD MATCH LINE STA. 99+00  
SEE SHEET NO. 68



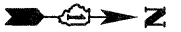
- NOTE**
- AGG SHOULDER REMOVAL TO BE PAID FOR AS EARTH EXCAVATION.
  - SEE ALIGNMENT, TIES AND BENCHMARKS SHEET NO. 21 THRU 23 FOR DETAIL ROW AND EASEMENT LOCATION.
  - PAVEMENT SHALL BE BROKEN INTO PIECES NOT TO EXCEED 3 SQ FT IN SURFACE AREA AND TO BE PAID FOR AS EARTH EXCAVATION.



DATE	
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PLAN	
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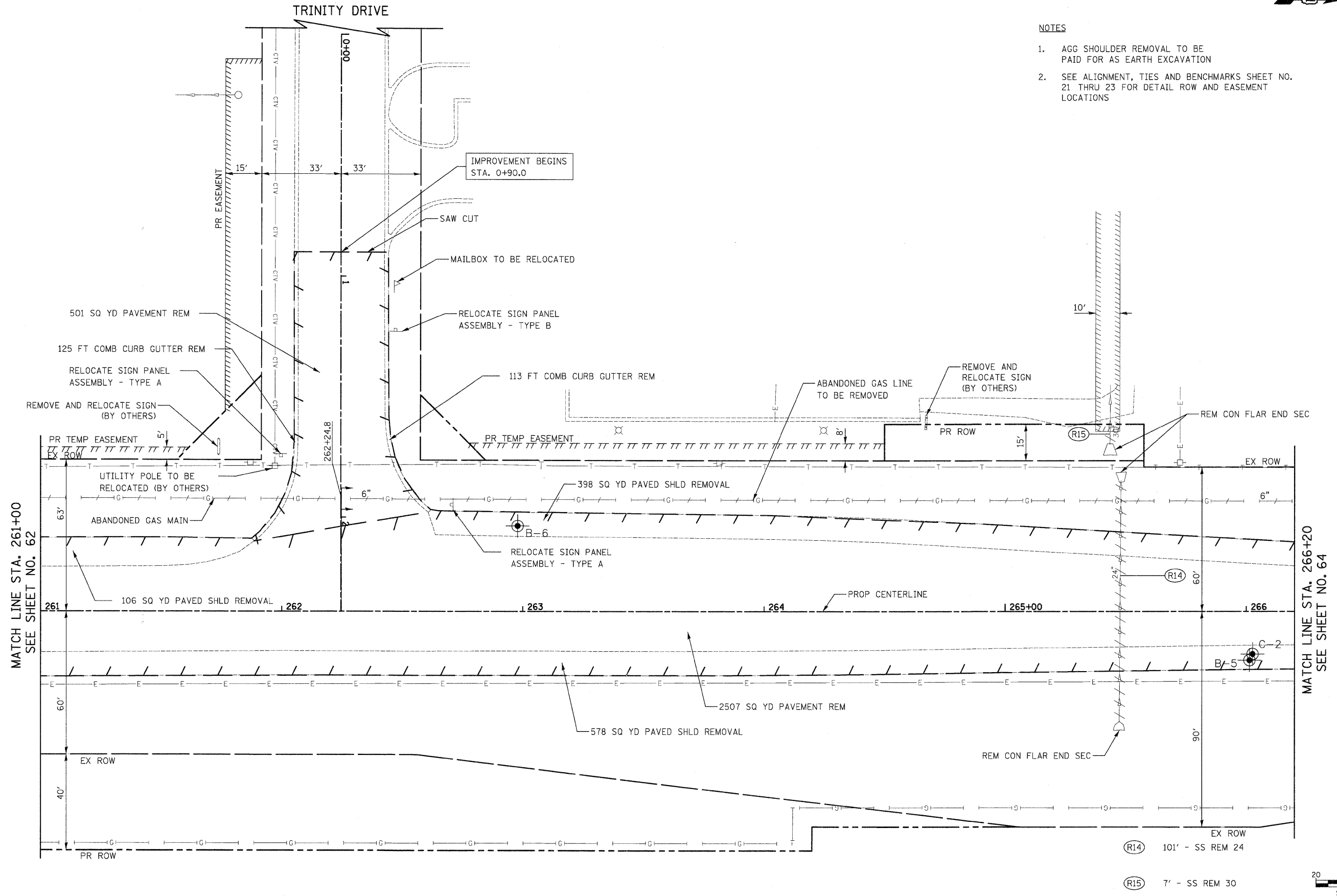
DATE	
BY	
PROFILE	
GRADES	
CHECKED	
NOTED	
NO.	

FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>			F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 62
Y:\2278 Virginia Klassen\load\sheet\07-Remo	o1a\2278_REM_08.dgn	DRAWN - DTE	REVISED -		SCALE: 1" = 20'	SHEET NO. 8 OF 14 SHEETS	STA. 250+60 TO STA. 261+00	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT HPP-4064(003)	<b>CONTRACT NO. 63553</b>		
	PLOT SCALE = 28.0000' / in.	CHECKED - GAB	REVISED -									
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -									



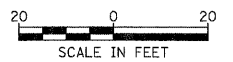
**NOTES**

1. AGG SHOULDER REMOVAL TO BE PAID FOR AS EARTH EXCAVATION
2. SEE ALIGNMENT, TIES AND BENCHMARKS SHEET NO. 21 THRU 23 FOR DETAIL ROW AND EASEMENT LOCATIONS



MATCH LINE STA. 261+00  
SEE SHEET NO. 62

MATCH LINE STA. 266+20  
SEE SHEET NO. 64



ILLINOIS ROUTE 31

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	NOTE BOOK	
	STRUCTURE NOTATIONS CHKD	

FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -
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	PLOT SCALE = 20.0000' / in.	CHECKED - GAB	REVISED -
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN**

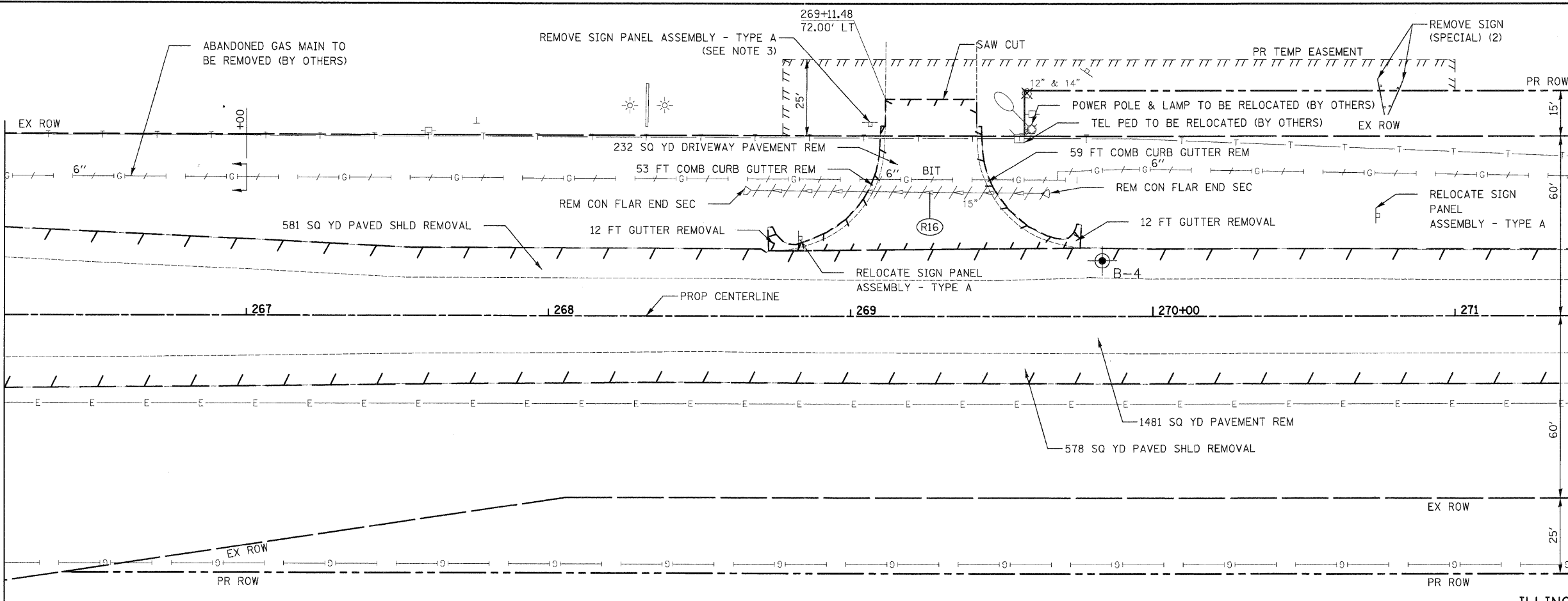
SCALE: 1" = 20' SHEET NO. 9 OF 14 SHEETS STA. 261+00 TO STA. 266+20

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	96-00209-01-PV	McHENRY	271	63
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT HPP-4064(003)	
CONTRACT NO. 63553				

PLAN	DATE
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REVIEWED	
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ALIGNMENT CHECKED	
NOTED	
NO. CADD FILE NAME	

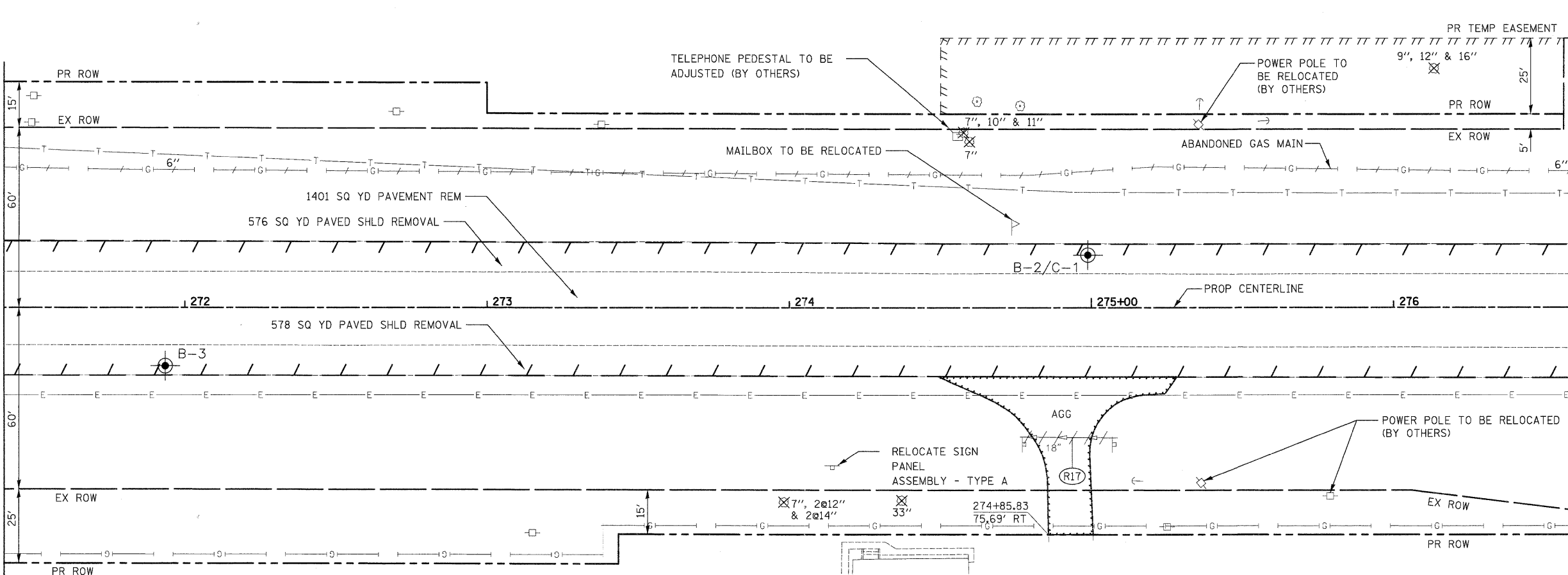
PROFILE	DATE
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REVIEWED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NO.	

MATCH LINE STA. 266+20  
SEE SHEET NO. 63



ILLINOIS ROUTE 31

MATCH LINE STA. 271+40



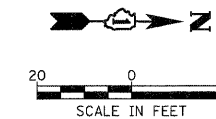
- NOTE
1. AGG SHOULDER REMOVAL TO BE PAID FOR AS EARTH EXCAVATION
  2. SEE ALIGNMENT, TIES AND BENCHMARKS SHEET NO. 21 THRU 23 FOR DETAIL ROW AND EASEMENT LOCATIONS
  3. SIGN TO BE USED IN M.O.T. THEN REMOVED AFTER STAGES ARE COMPLETE

MATCH LINE STA. 276+60  
SEE SHEET NO. 65

- (R16) 98' - SS REM 15
- (R17) 32' - PIPE CULVERT REMOVE

FILE NAME Y:\2278 Virginia Klassen\load\sheet\07-Remo	USER NAME = dte als\2278_REM_10.dgn	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>		F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 64	
PLOT SCALE = 20.0000' / 1"	CHECKED - GAB	DATE - 10/24/11	REVISED -		SCALE: 1" = 20'	SHEET NO. 10 OF 14 SHEETS	STA. 266+20 TO STA. 276+60	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT HPP-4064(003)	<b>CONTRACT NO. 63553</b>		
PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -	REVISED -									

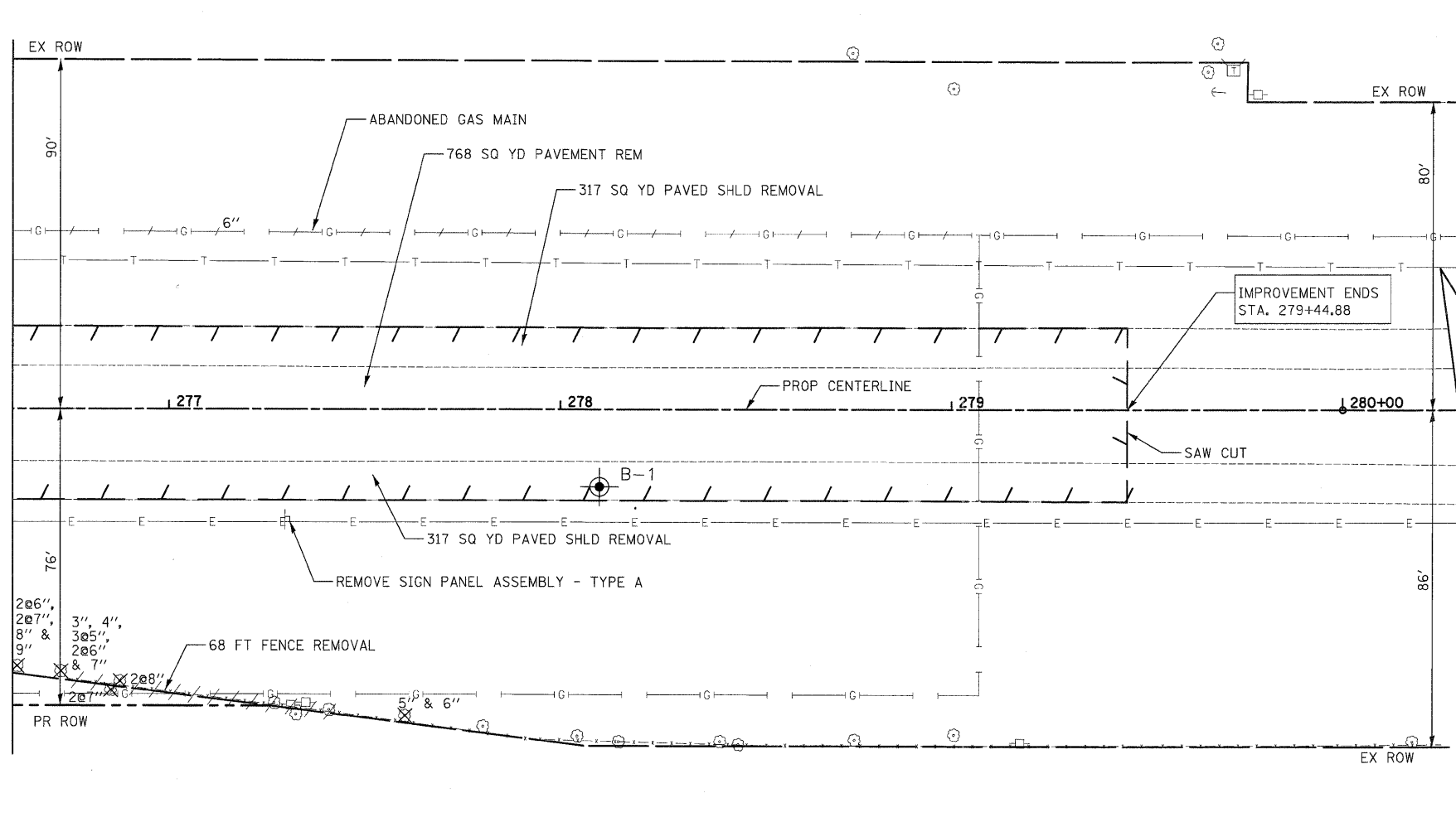




PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
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	NOTE BOOK	
	NO.	
	CADD FILE NAME	

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

MATCH LINE STA. 276+60  
SEE SHEET NO. 64



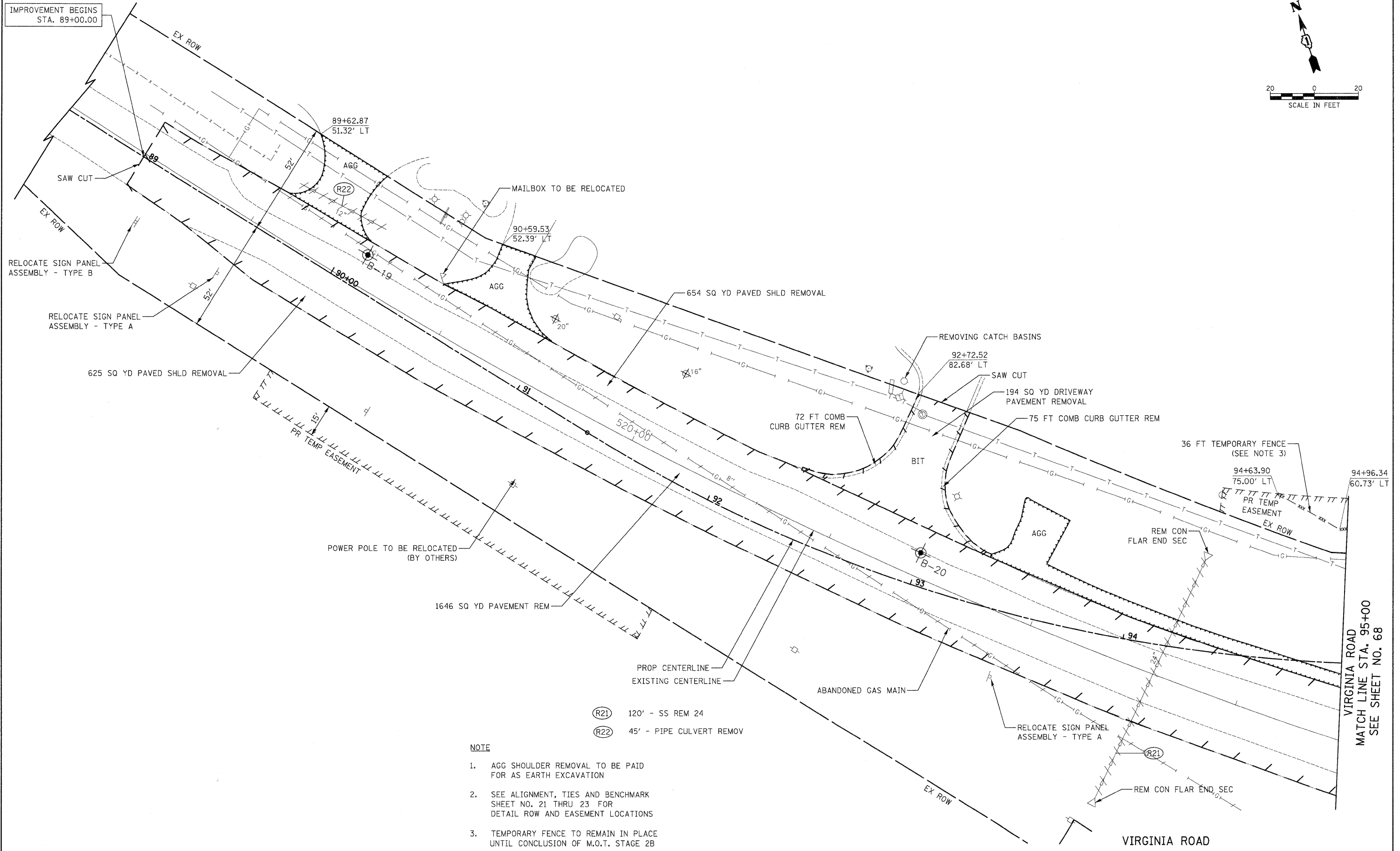
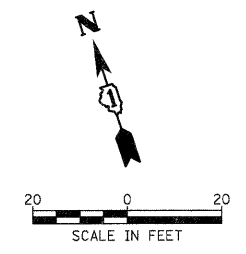
**NOTE**

1. AGG SHOULDER REMOVAL TO BE PAID FOR AS EARTH EXCAVATION.
2. SEE ALIGNMENT, TIES AND BENCHMARKS SHEET NO. 21 THRU 23 FOR DETAIL ROW AND EASEMENT LOCATIONS.

ILLINOIS ROUTE 31

FILE NAME = Y:\2278_Virginia_Klasen\load\sheet\07-Remo	USER NAME = dte els\2278_REM_11.dgn	DESIGNED - KWH DRAWN - DTE	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>	F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 65	
PLOT SCALE = 20.0000' / 1in.	CHECKED - GAB	REVISED -	SCALE: 1" = 20'			SHEET NO. 11 OF 14 SHEETS	STA. 276+60 TO STA. 279+44.88	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT HPP-40640031			
PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -	CONTRACT NO. 63553								





- (R21) 120' - SS REM 24
- (R22) 45' - PIPE CULVERT REMOV

- NOTE**
1. AGG SHOULDER REMOVAL TO BE PAID FOR AS EARTH EXCAVATION
  2. SEE ALIGNMENT, TIES AND BENCHMARK SHEET NO. 21 THRU 23 FOR DETAIL ROW AND EASEMENT LOCATIONS
  3. TEMPORARY FENCE TO REMAIN IN PLACE UNTIL CONCLUSION OF M.O.T. STAGE 2B

PLAN	REVISIONS	DATE
NO.	NO.	NO.
NO.	NO.	NO.
NO.	NO.	NO.
NO.	NO.	NO.
NO.	NO.	NO.
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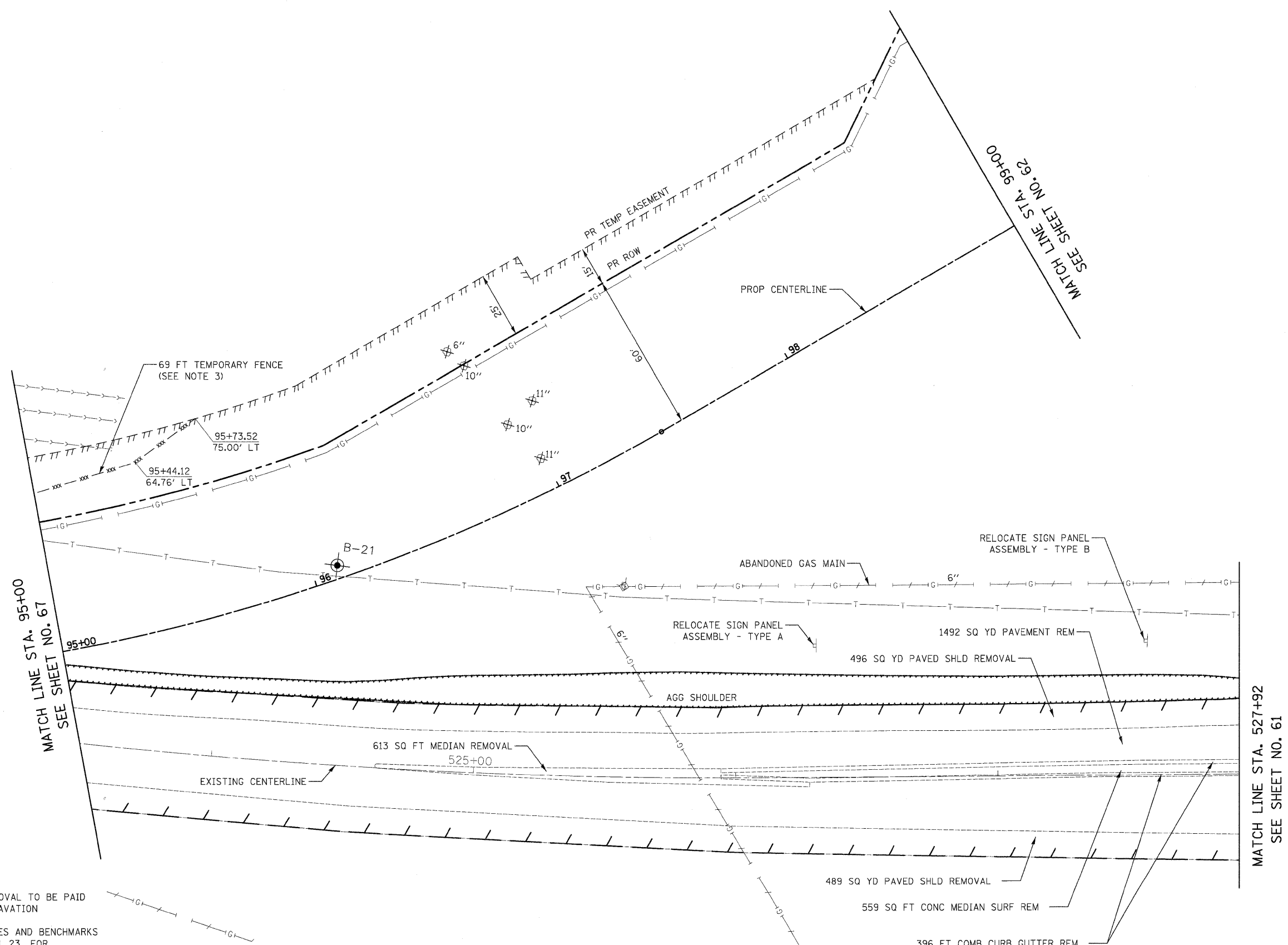
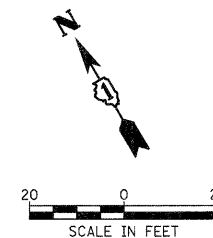
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FILE NAME = Y:\2278 Virginia\cadd\sheet\07-Remo	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>		F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 67	
	als\2278_REM_13.dgn	DRAWN - DTE	REVISED -		SCALE: 1" = 20'	SHEET NO. 13 OF 14 SHEETS	STA. 89+00 TO STA. 95+00	FED. ROAD DIST. NO. 1 [ILLINOIS]	FED. AID PROJECT HPP-4064(003)	<b>CONTRACT NO. 63553</b>		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GAB	REVISED -									
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -									

VIRGINIA ROAD  
 MATCH LINE STA. 95+00  
 SEE SHEET NO. 68

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

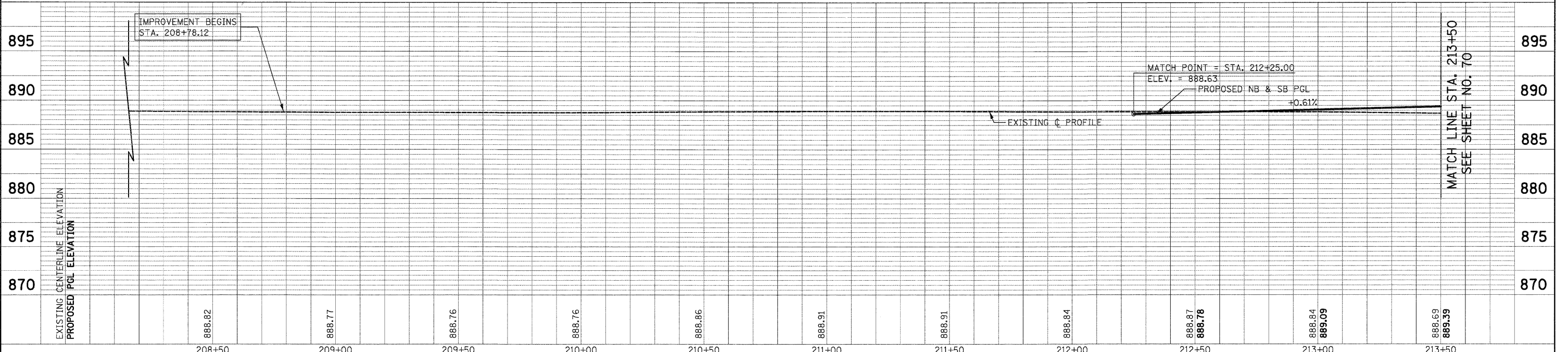
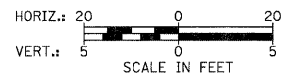
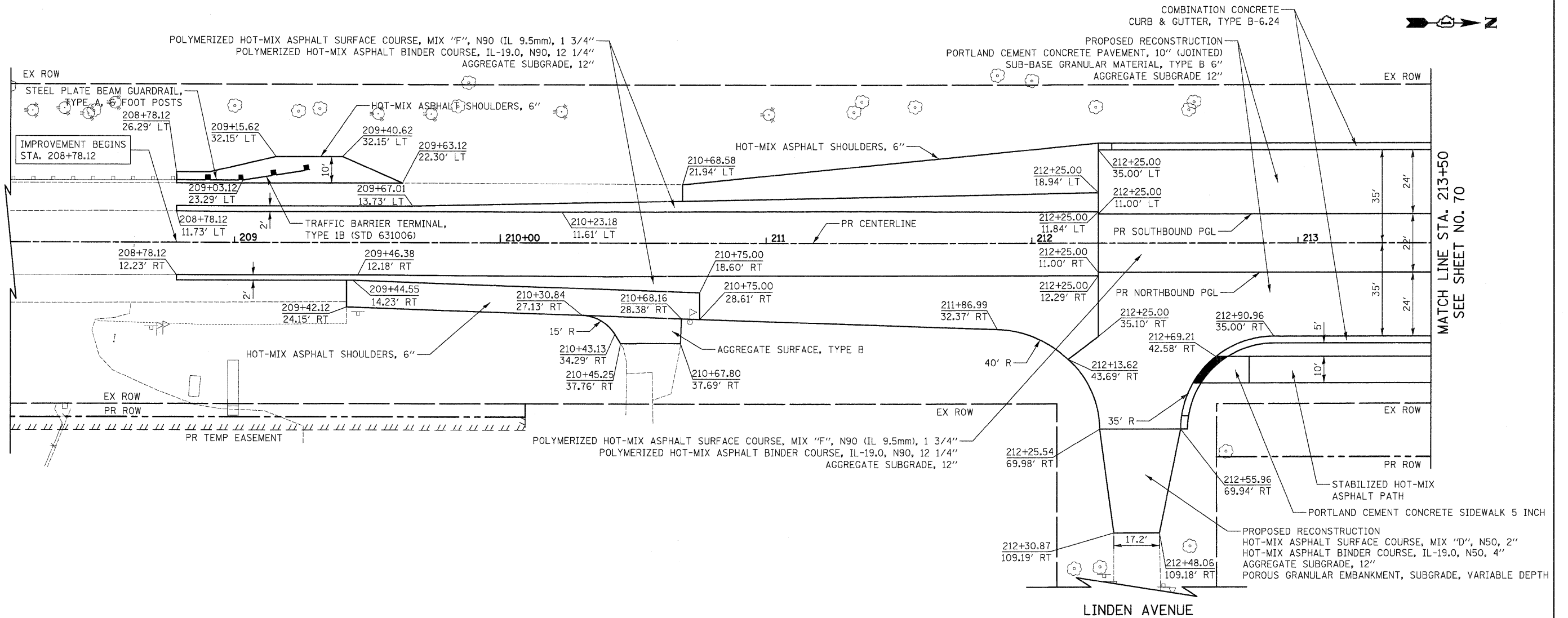
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	NO.
	FILE NAME	



- NOTE**
1. AGG SHOULDER REMOVAL TO BE PAID FOR AS EARTH EXCAVATION
  2. SEE ALIGNMENT, TIES AND BENCHMARKS SHEET NO. 21 THRU 23 FOR DETAIL ROW AND EASEMENT LOCATIONS
  3. TEMPORARY FENCE TO REMAIN IN PLACE UNTIL CONCLUSION OF M.O.T. STAGE 2B

VIRGINIA ROAD

FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y:\2278 Virginia Klassen\cad\sheet\07-Removals\2278.REM_14.dgn		DRAWN - DTE	REVISED -			3887	96-00209-01-PV	McHENRY	271	68
PLOT SCALE = 28.0000' / in.		CHECKED - GAB	REVISED -			CONTRACT NO. 63553				
PLOT DATE = 10/24/2011		DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-40640031				
SCALE: 1" = 20'						SHEET NO. 14 OF 14 SHEETS		STA. 95+00 TO STA. 99+00		



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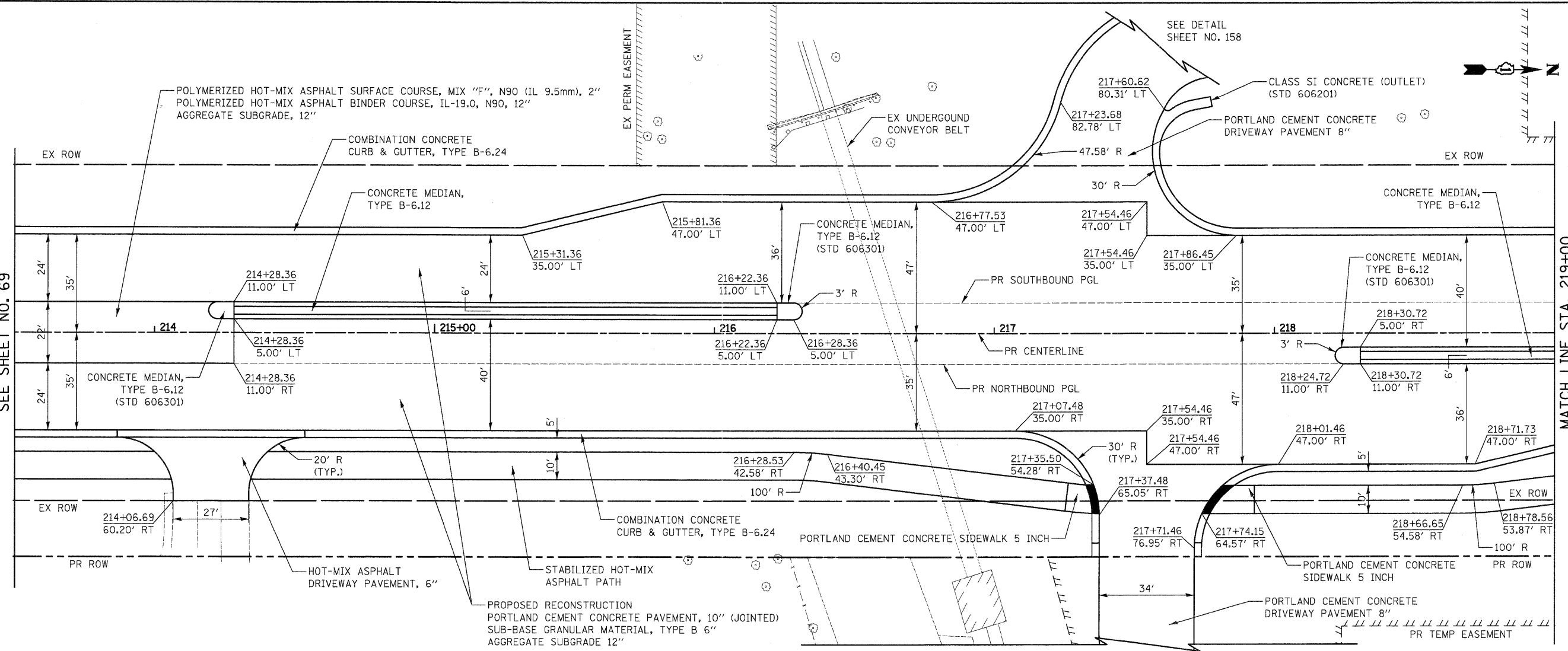
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Y:\2278 Virginia Klassen\cad\sheet\08-Plan	ndProfile\2278_P&P.dgn	DRAWN - DTE	REVISED -			3887	96-00209-01-PV	McHENRY	271	69	
PLOT SCALE = 20.0000' / in.		CHECKED - GAB	REVISED -			SCALE: 1" = 20'		SHEET NO. 1 OF 19 SHEETS		STA. 208+78.12 TO STA. 213+50	
PLOT DATE = 10/24/2011		DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-4064003		CONTRACT NO. 63553			

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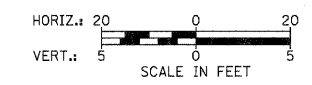
DATE	
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NO.	

MATCH LINE STA. 213+50  
SEE SHEET NO. 69

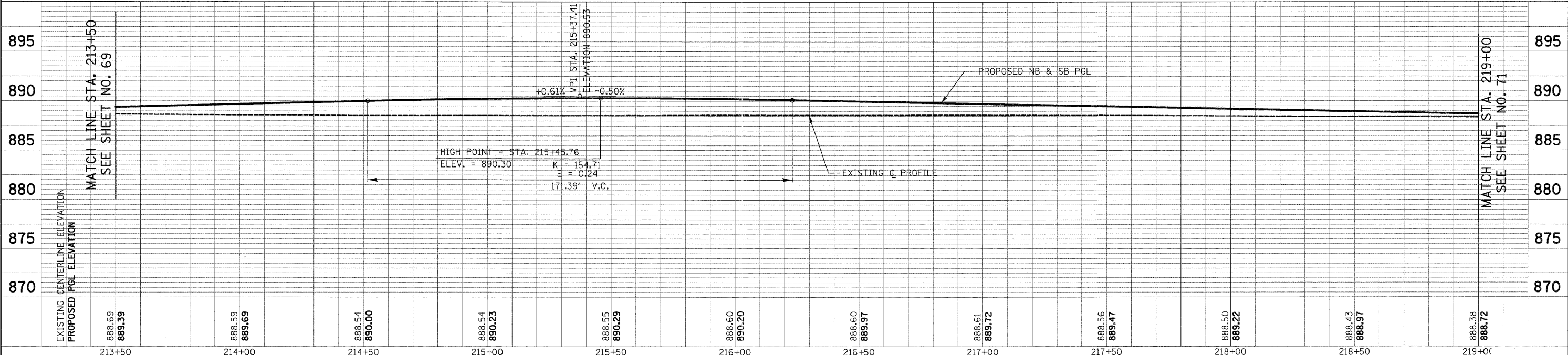
MATCH LINE STA. 219+00  
SEE SHEET NO. 71



SEE DETAIL SHEET NO. 158



ILLINOIS ROUTE 31



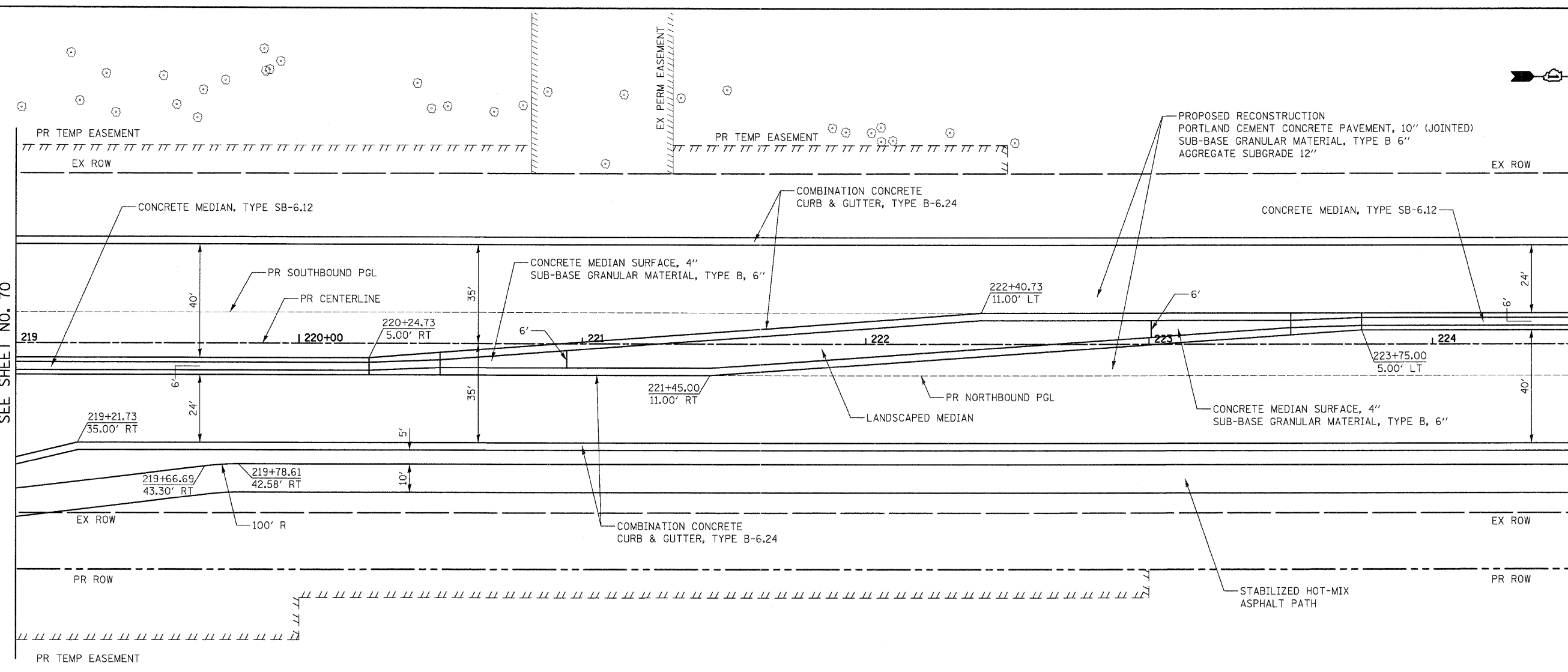
FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b>	F.A.J. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 70		
Y:\2278 Virginia Klassen\cad\sheet\28-Plan	ndProfile\2278_P&P_02.dgn	DRAWN - DTE	REVISED -			SCALE: 1" = 20'	SHEET NO. 2 OF 19 SHEETS	STA. 213+50 TO STA. 219+00	CONTRACT NO. 63553			
	PLOT SCALE = 20.0000' / 1 in.	CHECKED - GAB	REVISED -									
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT HPP-4064003						

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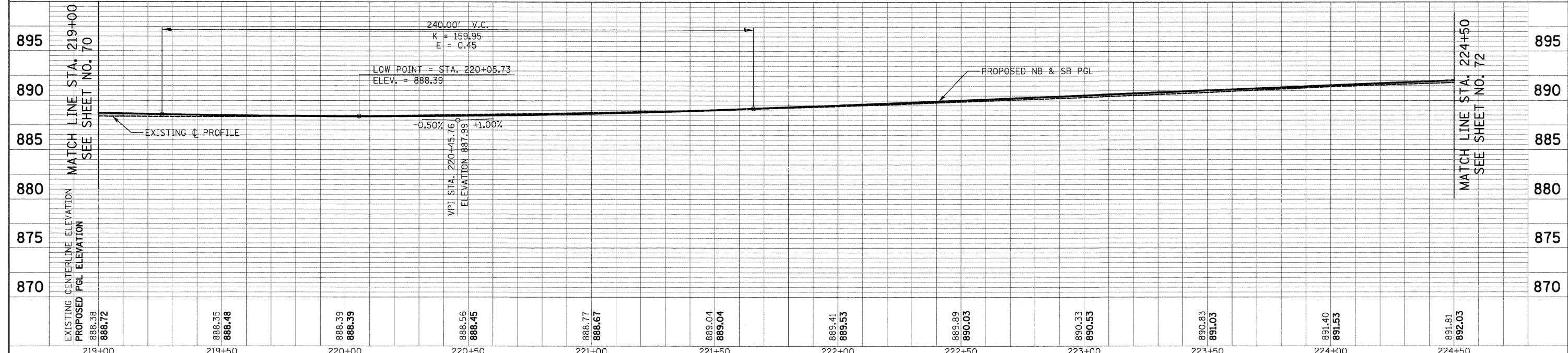
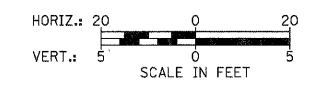
DATE	
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MATCH LINE STA. 219+00  
SEE SHEET NO. 70

MATCH LINE STA. 224+50  
SEE SHEET NO. 72



ILLINOIS ROUTE 31



FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y:\2278 Virginia Klassen\load\sheet\08-Plan	ndProfile\2278_P&P_03.dgn	DRAWN - DTE	REVISED -			3887	96-00209-01-PV	McHENRY	271	71
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PLOT DATE = 10/24/2011		DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-4064(003)				

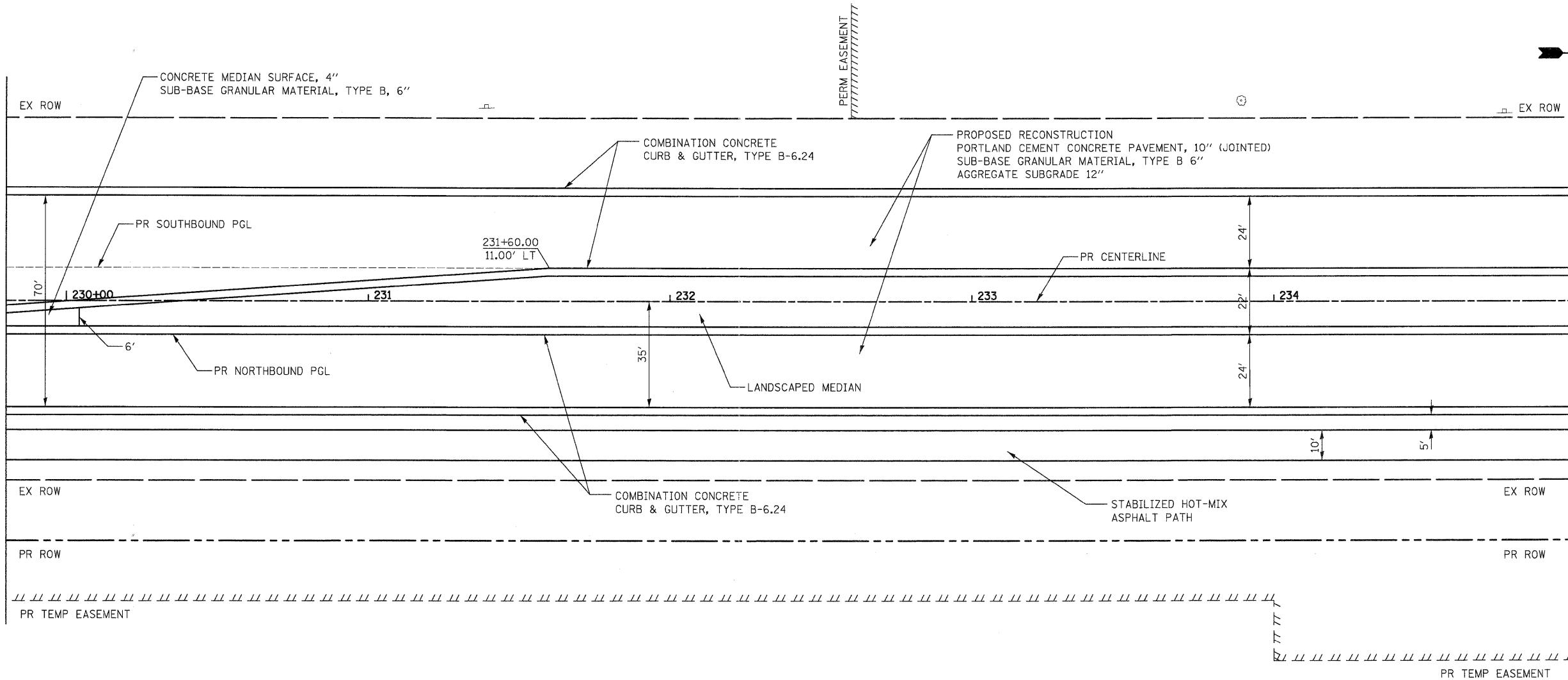




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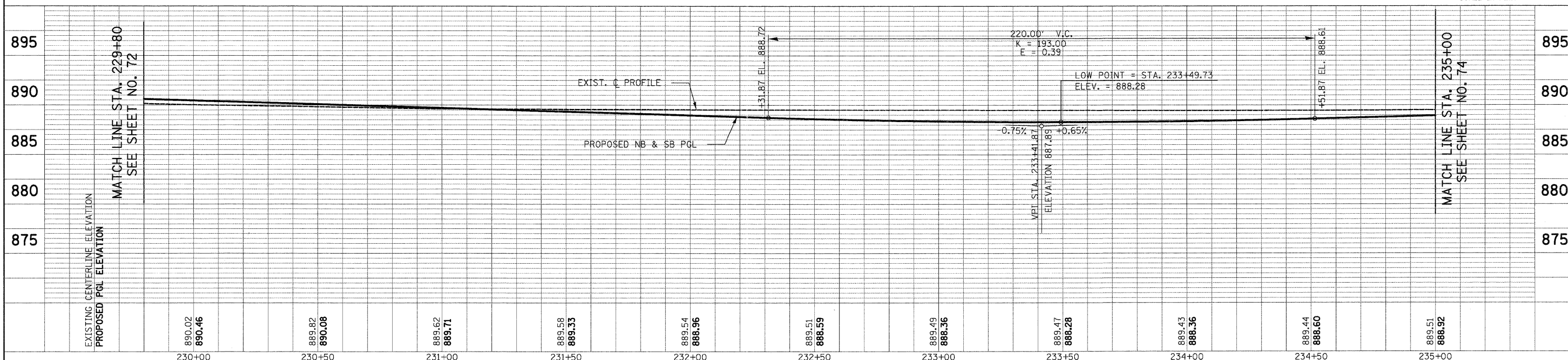
PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHG	
	NO.	

MATCH LINE STA. 229+80  
SEE SHEET NO. 72



MATCH LINE STA. 235+00  
SEE SHEET NO. 74

ILLINOIS ROUTE 31

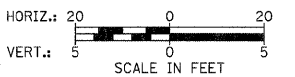
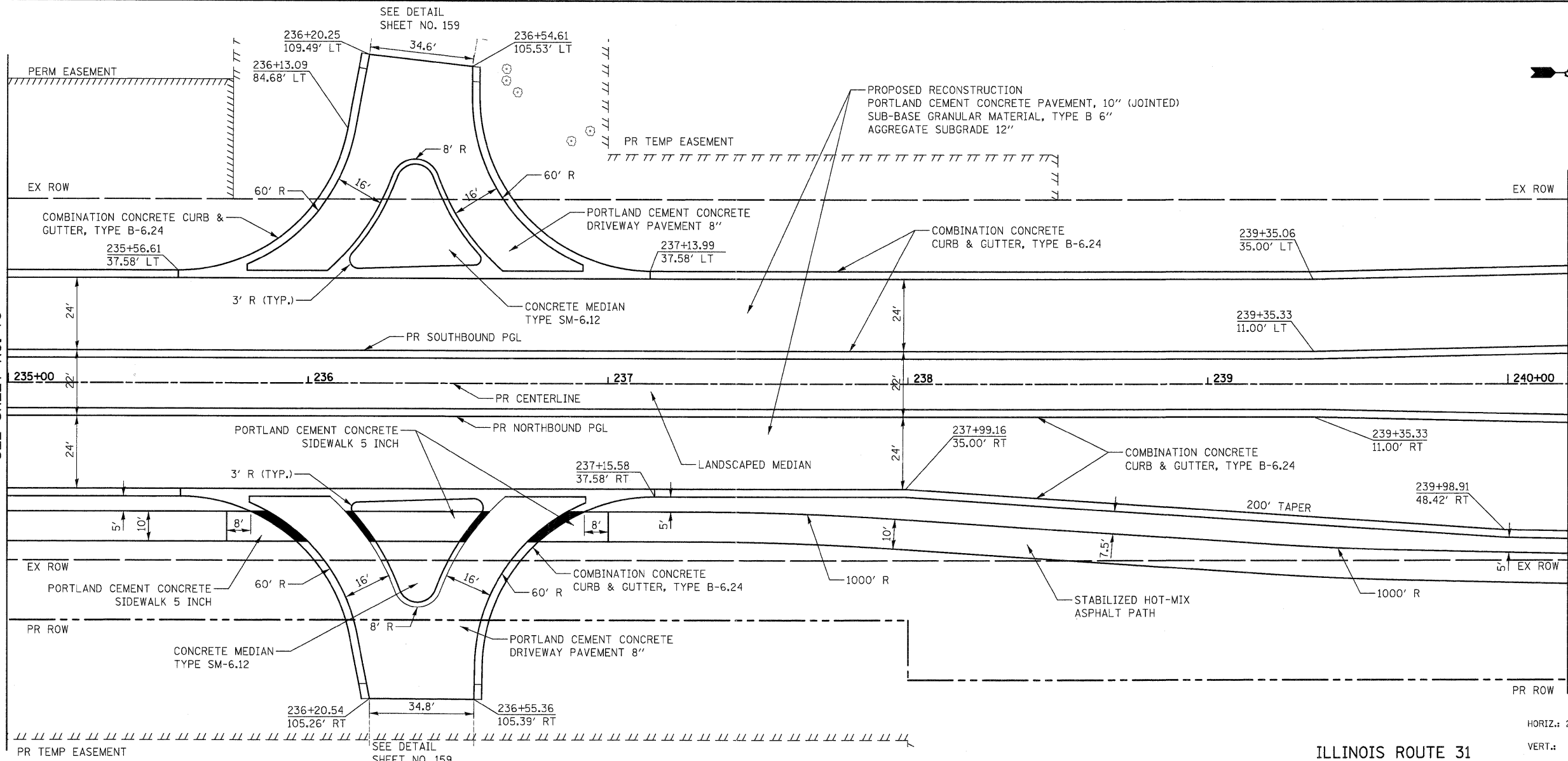


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Y:\2278 Virginia Klassen\cad\sheet\08-Plan	ndProfile\2278_P&P_05.dgn	DRAWN - DTE	REVISED -			SCALE: 1" = 20'	SHEET NO. 5 OF 19 SHEETS	STA. 229+80	TO STA. 235+00	CONTRACT NO. 63553		
	PLOT SCALE = 28.0000' / in.	CHECKED - GAB	REVISED -									
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)						

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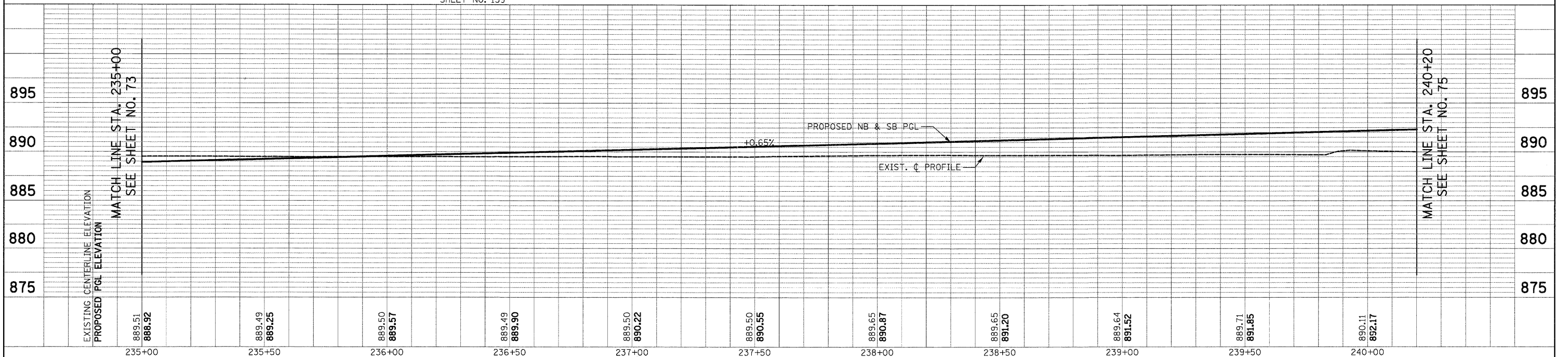
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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	NO.	
	NO.	

MATCH LINE STA. 235+00  
SEE SHEET NO. 73



ILLINOIS ROUTE 31

MATCH LINE STA. 240+20  
SEE SHEET NO. 75



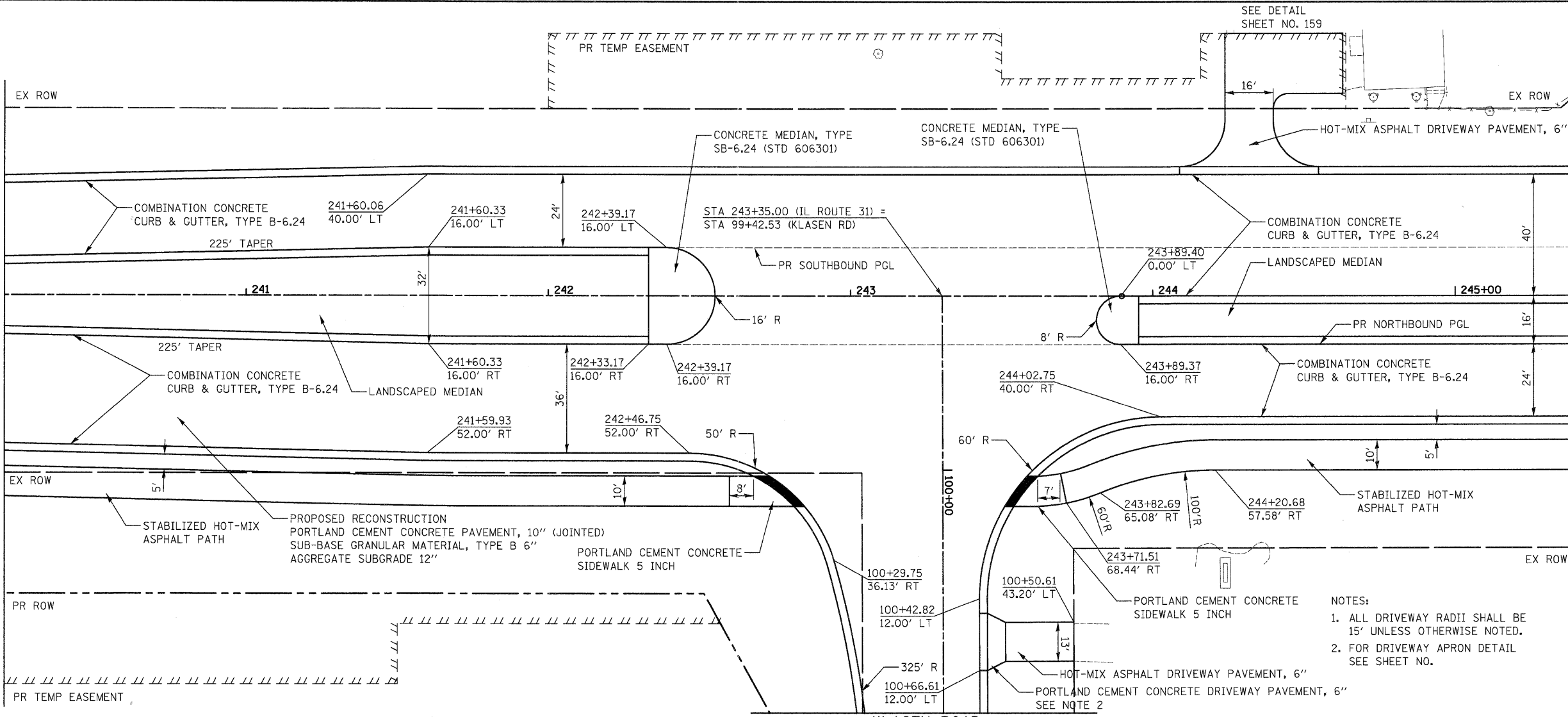
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PLOT SCALE = 20.0000' / 1" =	CHECKED - GAB	REVISIONS	SCALE: 1" = 20'			SHEET NO. 6 OF 19 SHEETS	STA. 235+00 TO STA. 240+20	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT HPP-4064003			
PLOT DATE = 12/24/2011	DATE - 10/24/11	REVISIONS									
CONTRACT NO. 63553											

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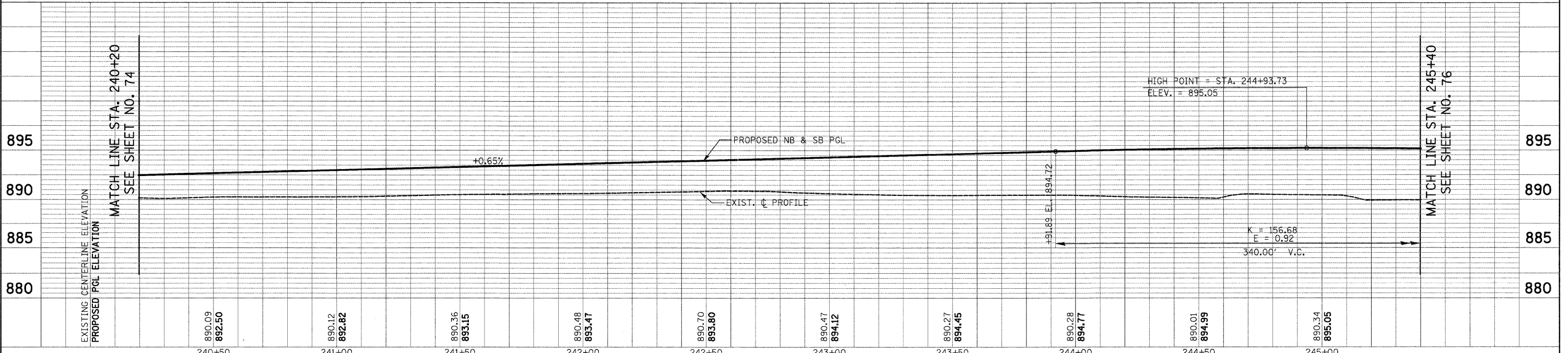
MATCH LINE STA. 240+20  
SEE SHEET NO. 74

MATCH LINE STA. 245+40  
SEE SHEET NO. 76



MATCH LINE STA. 240+20  
SEE SHEET NO. 74

MATCH LINE STA. 245+40  
SEE SHEET NO. 76



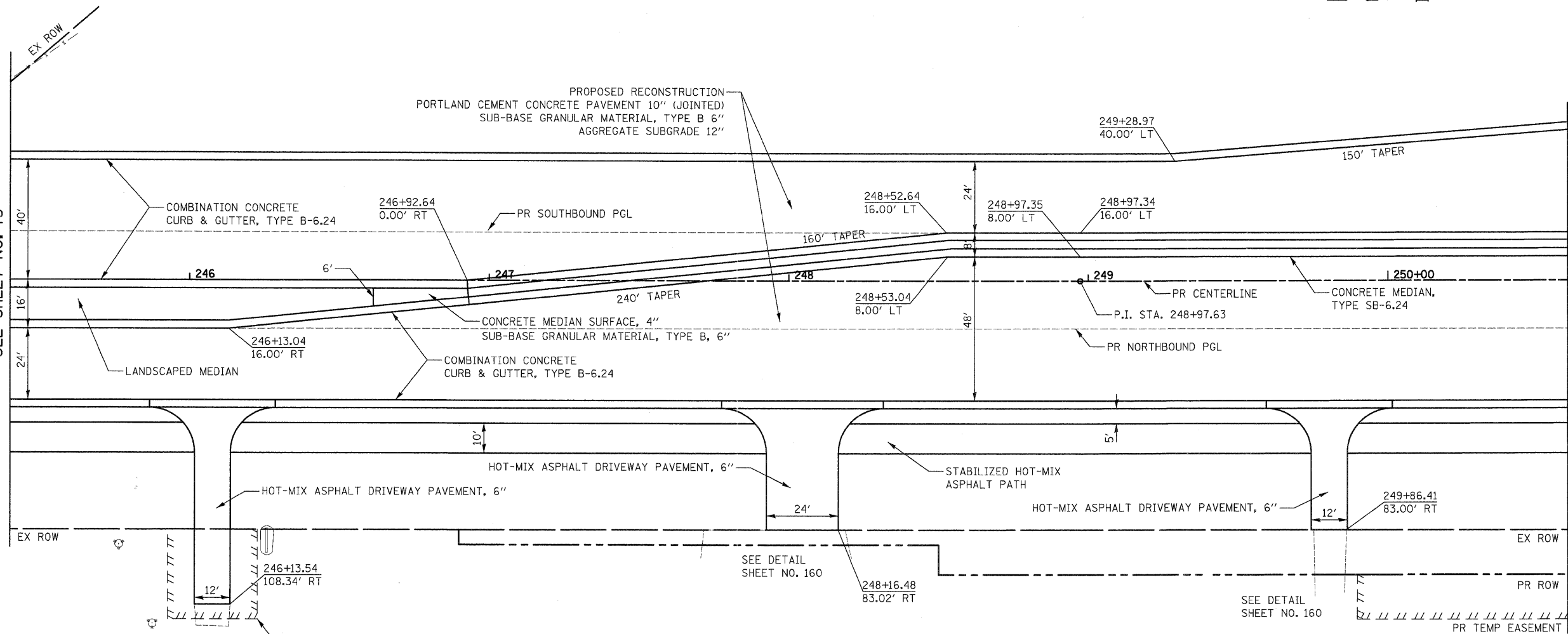
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PLOT SCALE = 20.0000' / in.	CHECKED - GAB	REVISED -	SCALE: 1" = 20'			SHEET NO. 7 OF 19 SHEETS	STA. 240+20 TO STA. 245+40	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-40640031				
PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -						CONTRACT NO. 63553				

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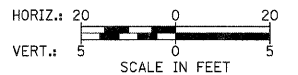
DATE	
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NO.	

MATCH LINE STA. 245+40  
SEE SHEET NO. 75

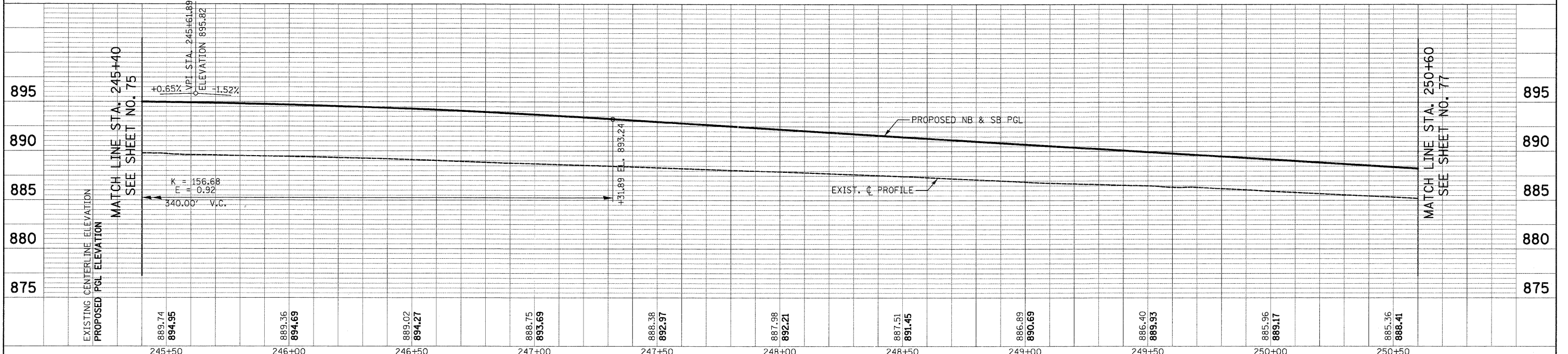
MATCH LINE STA. 250+60  
SEE SHEET NO. 77



- NOTES:
- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED



ILLINOIS ROUTE 31



FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b>	F.A.J. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 76	
Y:\2278 Virginia Klassen\load\sheet\08-Plan	Profile\2278_P&P_08.dgn	DRAWN - DTE	REVISED -			SCALE: 1" = 20'	SHEET NO. 8 OF 19 SHEETS	STA. 245+40 TO STA. 250+60	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT HPP-4064003	CONTRACT NO. 63553
		CHECKED - GAB	REVISED -								
		DATE - 10/24/11	REVISED -								

PLAN	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
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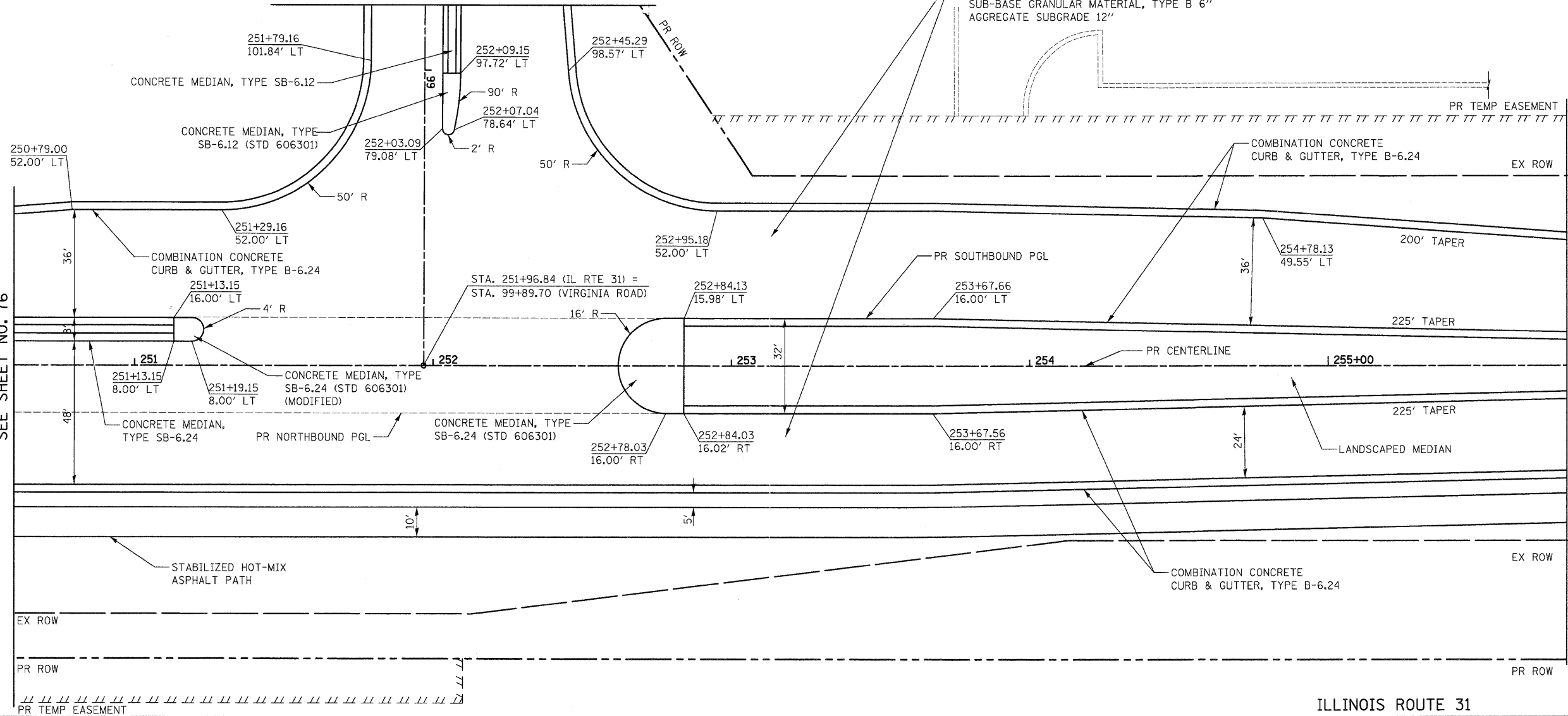
VIRGINIA ROAD MATCH LINE STA. 98+80  
SEE SHEET NO. 86

PROPOSED RECONSTRUCTION  
PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)  
SUB-BASE GRANULAR MATERIAL, TYPE B 6"  
AGGREGATE SUBGRADE 12"

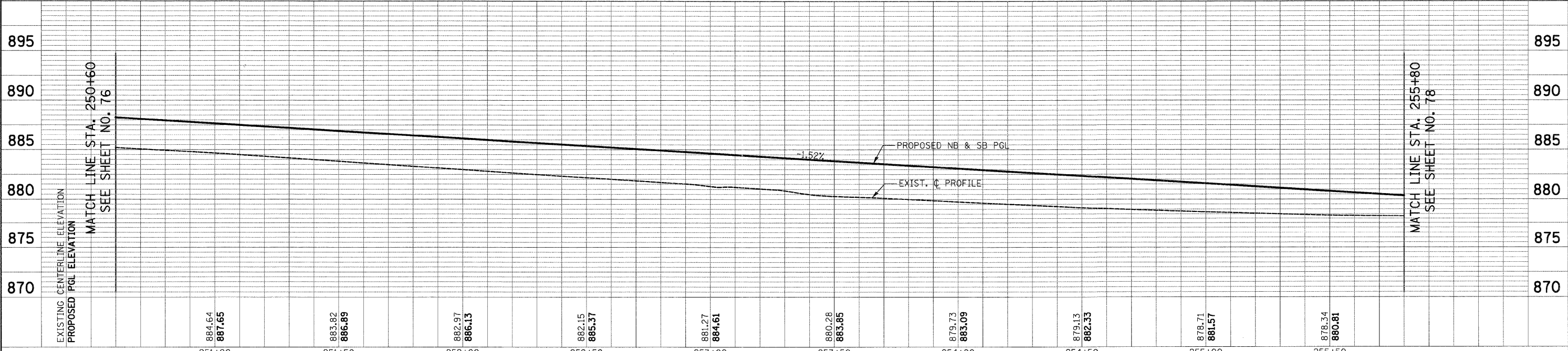
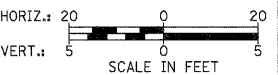


MATCH LINE STA. 250+60  
SEE SHEET NO. 76

MATCH LINE STA. 255+80  
SEE SHEET NO. 78



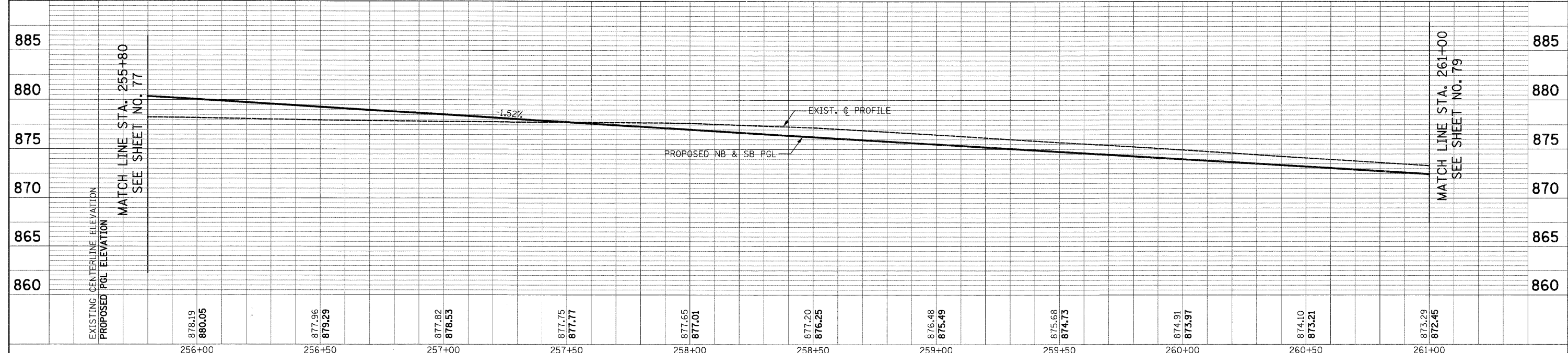
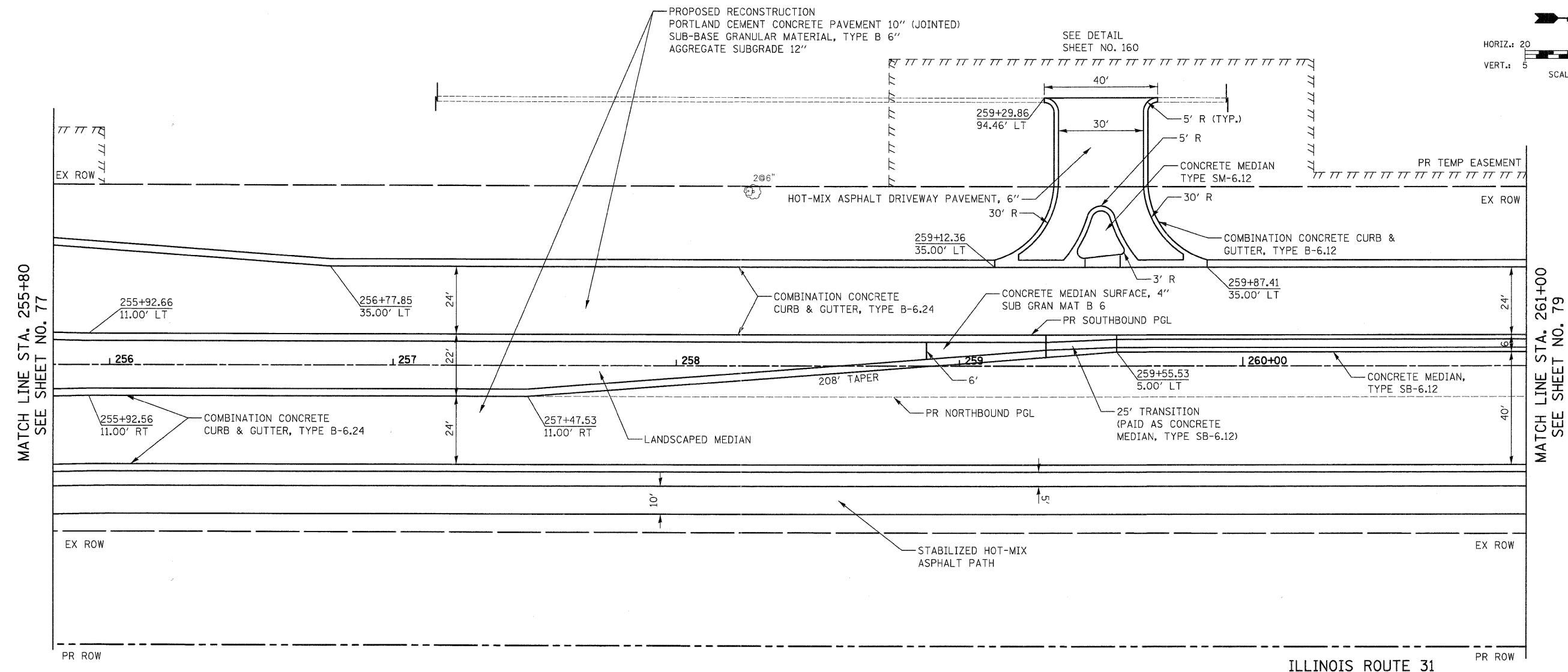
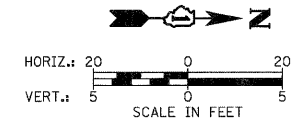
ILLINOIS ROUTE 31



FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b>	F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 77		
Y:\2278 Virginia Klassen\cad\sheet\28-Plan	andProfile\2278_P&P_09.dgn	DRAWN - DTE	REVISED -			SCALE: 1" = 20'	SHEET NO. 9 OF 19 SHEETS	STA. 250+60	TO STA. 255+80	CONTRACT NO. 63553		
		CHECKED - GAB	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-40640031						
		DATE - 10/24/11	REVISED -									

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	STRUCTURE	NOTATIONS
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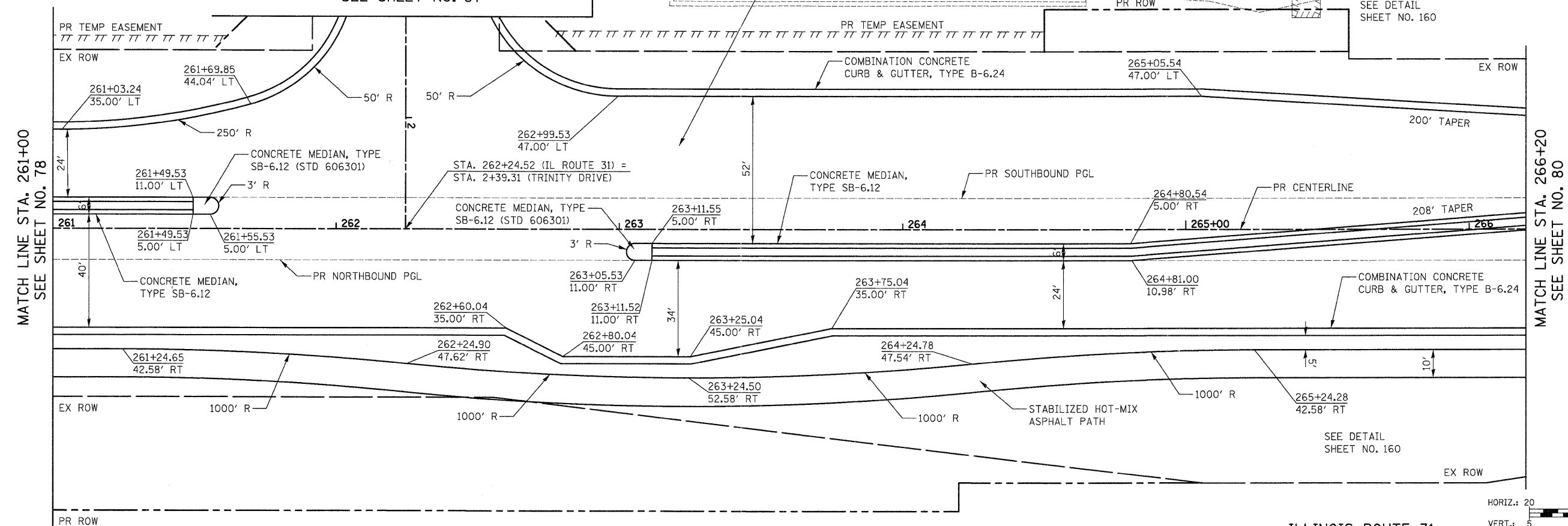


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PLOT SCALE = 20.0000' / 1in.		CHECKED - GAB	REVISED -			CONTRACT NO. 63553				
PLOT DATE = 10/24/2011		DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT HPP-4064003				



TRINITY DRIVE  
MATCH LINE STA. 1+65  
SEE SHEET NO. 87

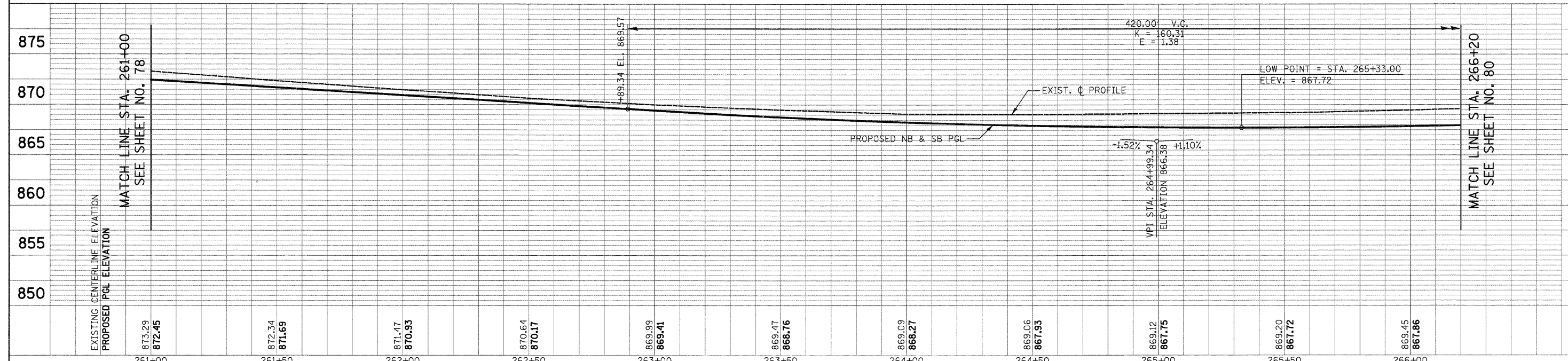
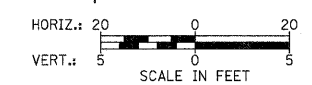
PROPOSED RECONSTRUCTION  
PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)  
SUB-BASE GRANULAR MATERIAL, TYPE B 6"  
AGGREGATE SUBGRADE 12"



MATCH LINE STA. 261+00  
SEE SHEET NO. 78

MATCH LINE STA. 266+20  
SEE SHEET NO. 80

ILLINOIS ROUTE 31

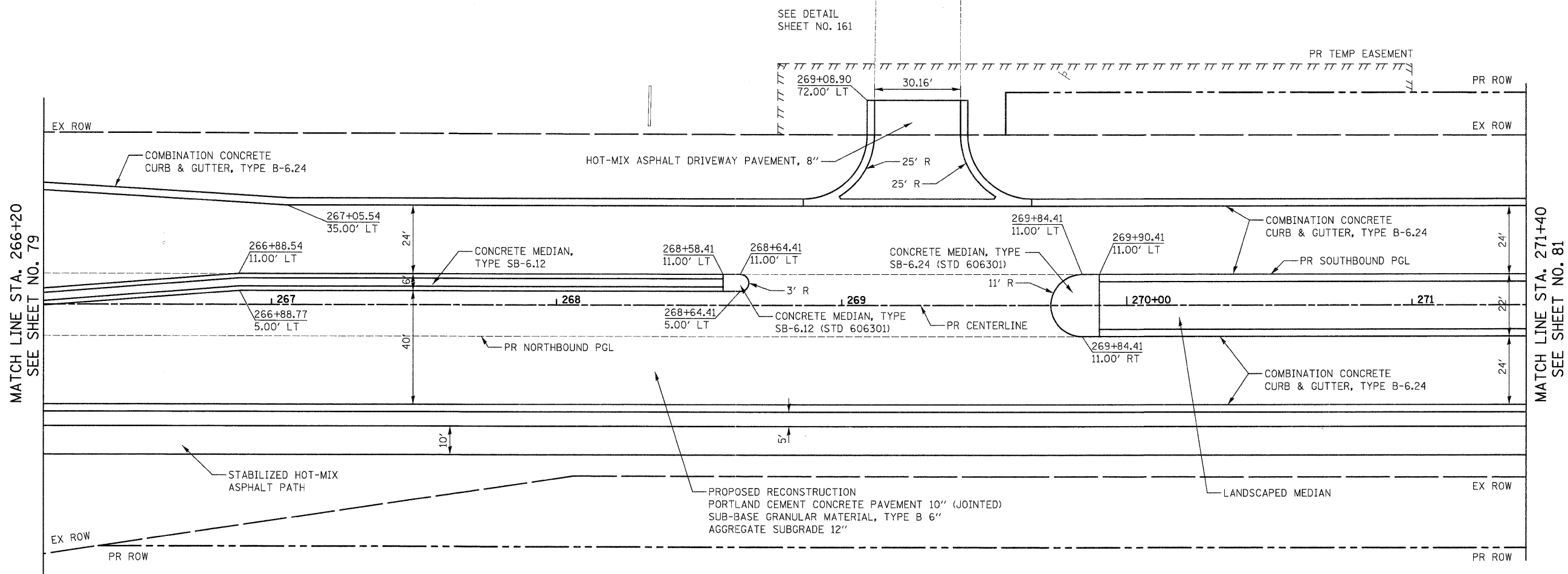
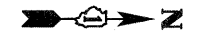


MATCH LINE STA. 266+20  
SEE SHEET NO. 80

PLAN	DATE
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PROFILE	DATE
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GRADES CHECKED	
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FILE NAME =	USER NAME = dse	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b>	F.A.J.J. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 79		
Y:\2278 Virginia Klassen\cad\sheet\08-Plan and Profile\2278_P&P_11.dgn	PLOT SCALE = 20.0000' / 1"	DRAWN - DTE	REVISED -			SCALE: 1" = 20'	SHEET NO. 11 OF 19 SHEETS	STA. 261+00 TO STA. 266+20	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT HPP-406(1003)	CONTRACT NO. 63553		
	PLOT DATE = 10/24/2011	CHECKED - GAB	REVISED -									
		DATE - 10/24/11	REVISED -									

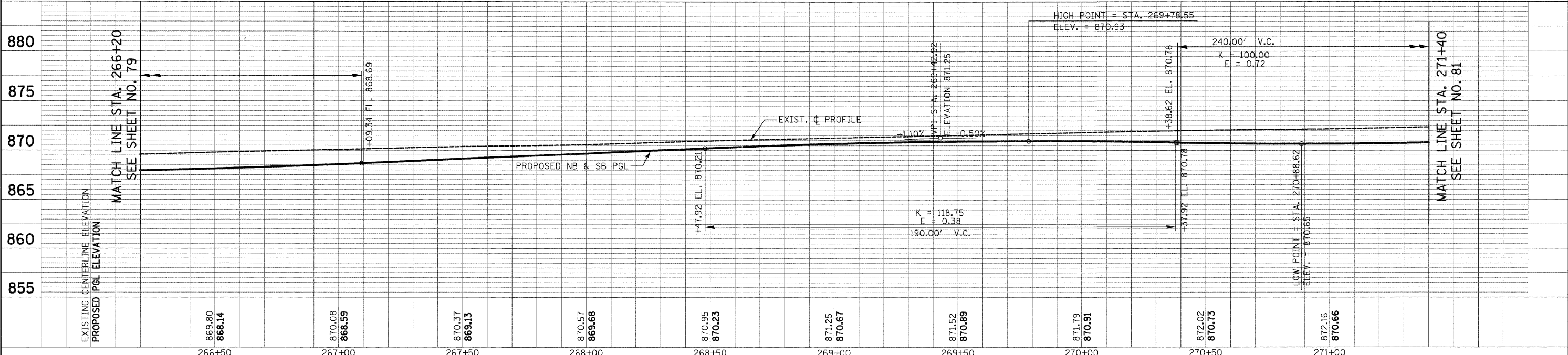


MATCH LINE STA. 266+20  
SEE SHEET NO. 79

MATCH LINE STA. 271+40  
SEE SHEET NO. 81

ILLINOIS ROUTE 31

HORIZ.: 20  
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SCALE IN FEET

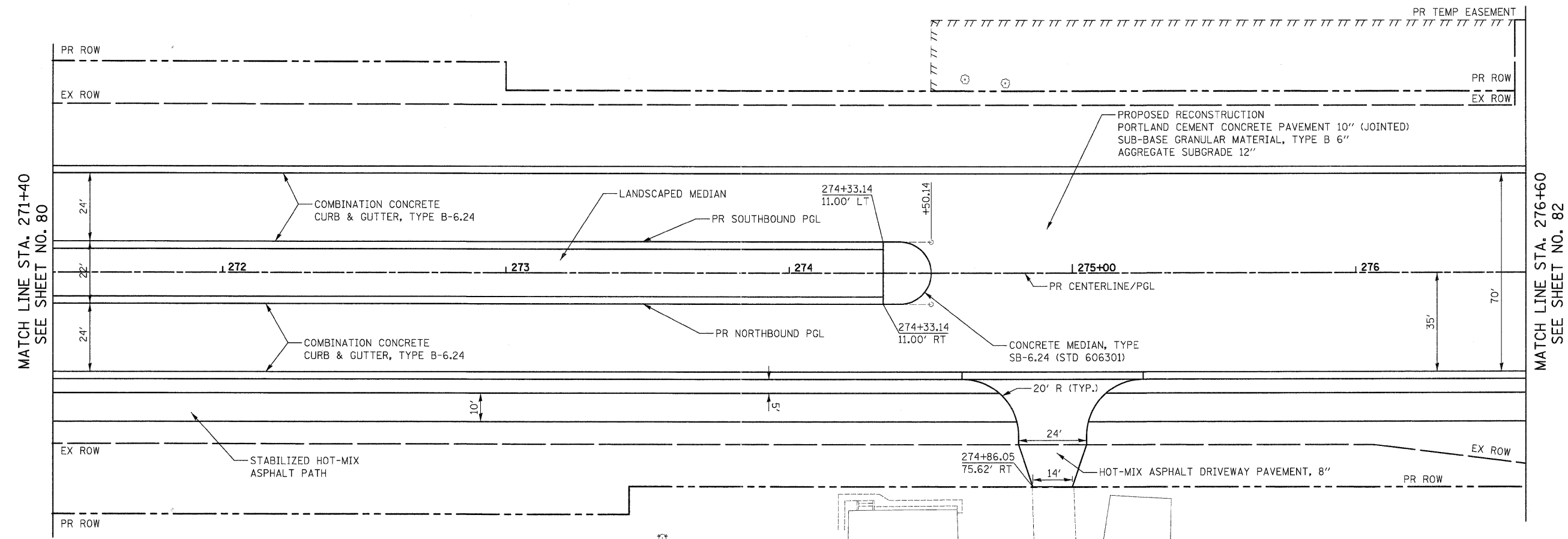


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FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b>	F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY MCHENRY	TOTAL SHEETS 271	SHEET NO. 80		
Y:\2278 Virginia Klassen\cad\sheet\28-Plan	ndProfile\2278_P&P.12.dgn	DRAWN - DTE	REVISED -			SCALE: 1" = 20'	SHEET NO. 12 OF 19 SHEETS	STA. 266+20 TO STA. 271+40	FED. ROAD DIST. NO. 1 (ILLINOIS)	FED. AID PROJECT HPP-4064(003)	CONTRACT NO. 63553	
		CHECKED - GAB	REVISED -									
		DATE - 10/24/11	REVISED -									

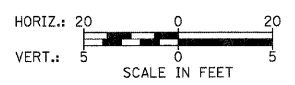




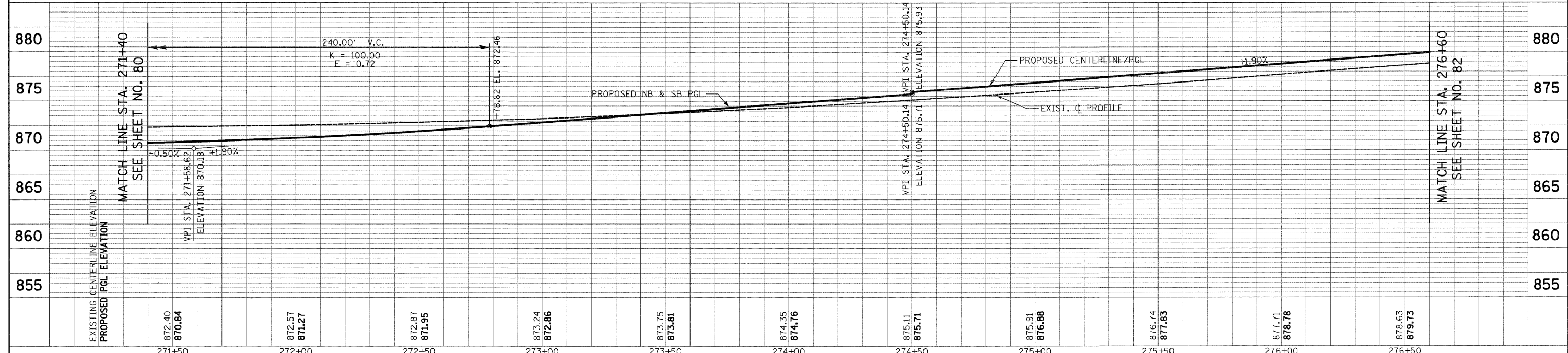
MATCH LINE STA. 271+40  
SEE SHEET NO. 80

MATCH LINE STA. 276+60  
SEE SHEET NO. 82

- NOTES:
- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED



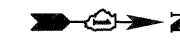
ILLINOIS ROUTE 31



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PLOT SCALE = 20.0000' / in.	CHECKED - GAB	DATE - 10/24/11	REVISED -			SCALE: 1" = 20'	SHEET NO. 13 OF 19 SHEETS	STA. 271+40 TO STA. 276+60	CONTRACT NO. 63553		
PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064003					

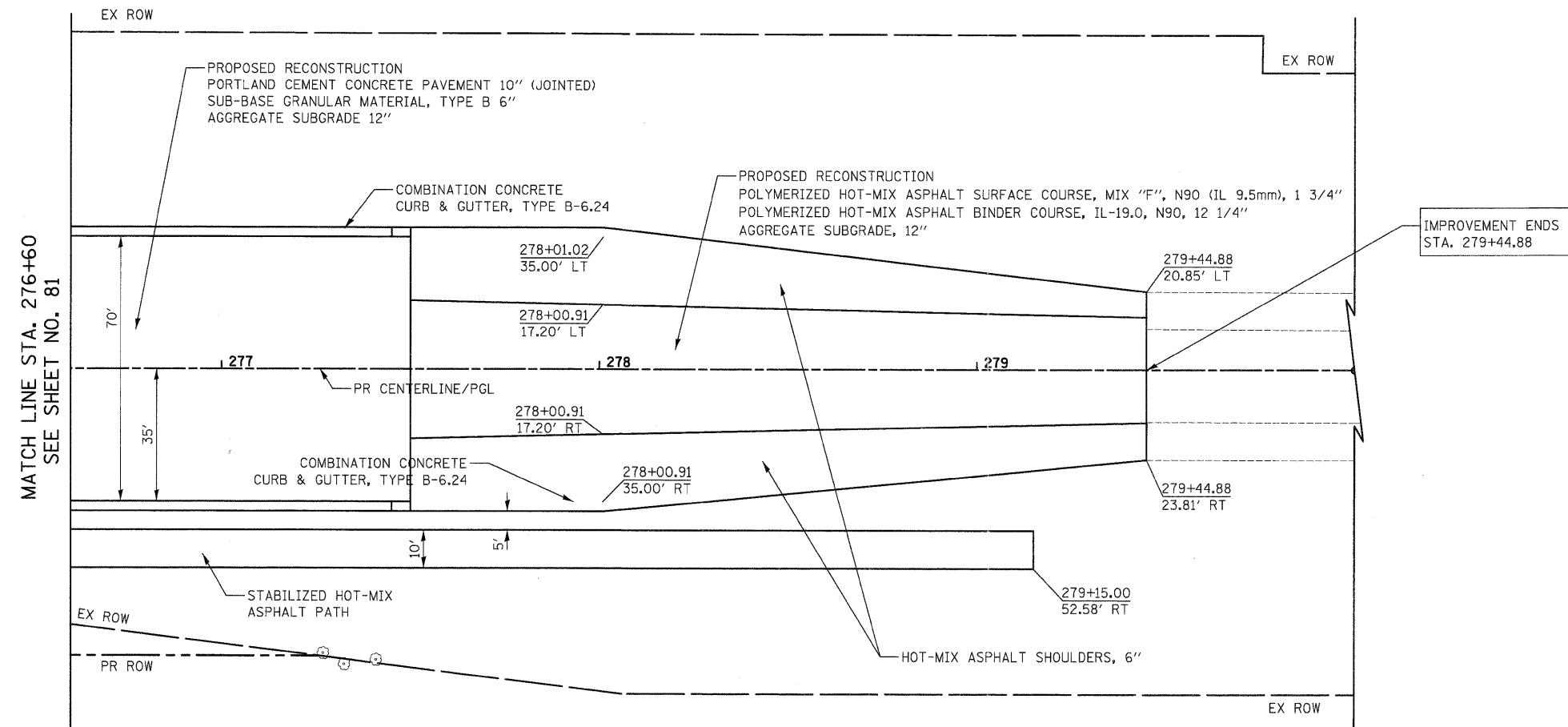
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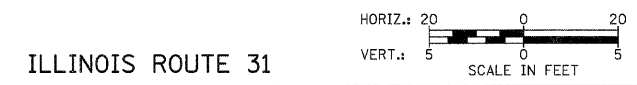


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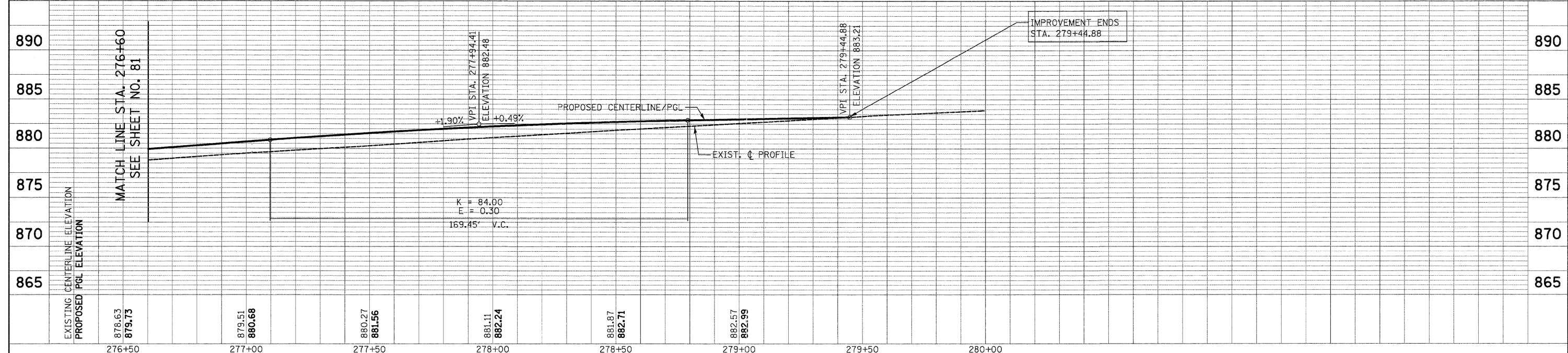
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NO.	
NO.	



NOTES:  
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED



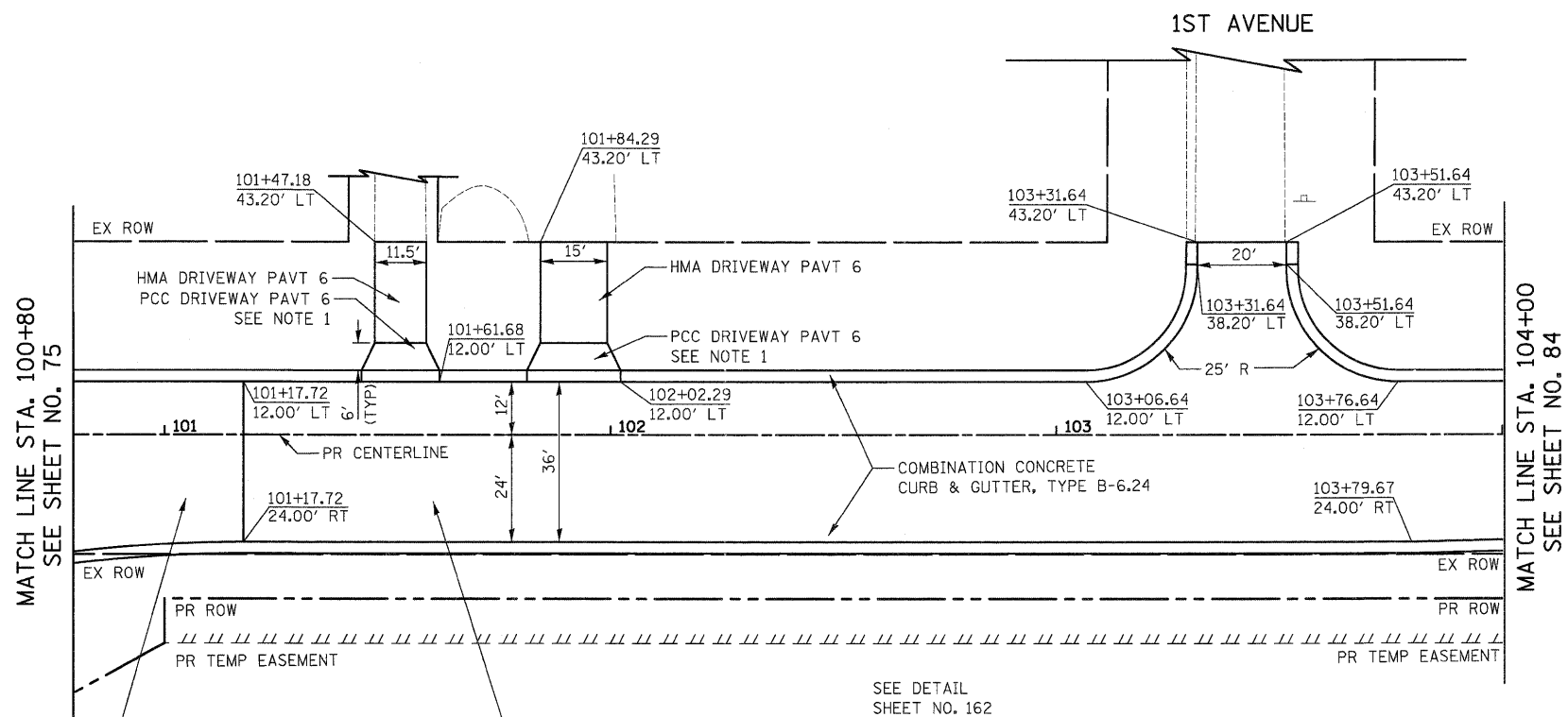
ILLINOIS ROUTE 31



FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b>		F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 82
Y:\2278 Virginia Klassen\load\sheet\08-Plan	nd\Profile\2278_P&P_14.dgn	DRAWN - DTE	REVISED -		SCALE: 1" = 20'	SHEET NO. 14 OF 19 SHEETS	STA. 276+60 TO STA. 279+44.88	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT HPP-406(003)	<b>CONTRACT NO. 63553</b>	
		CHECKED - GAB	REVISED -								
		DATE - 10/24/11	REVISED -								

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

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



PROPOSED RECONSTRUCTION  
 PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)  
 SUB-BASE GRANULAR MATERIAL, TYPE B 6"  
 AGGREGATE SUBGRADE 12"

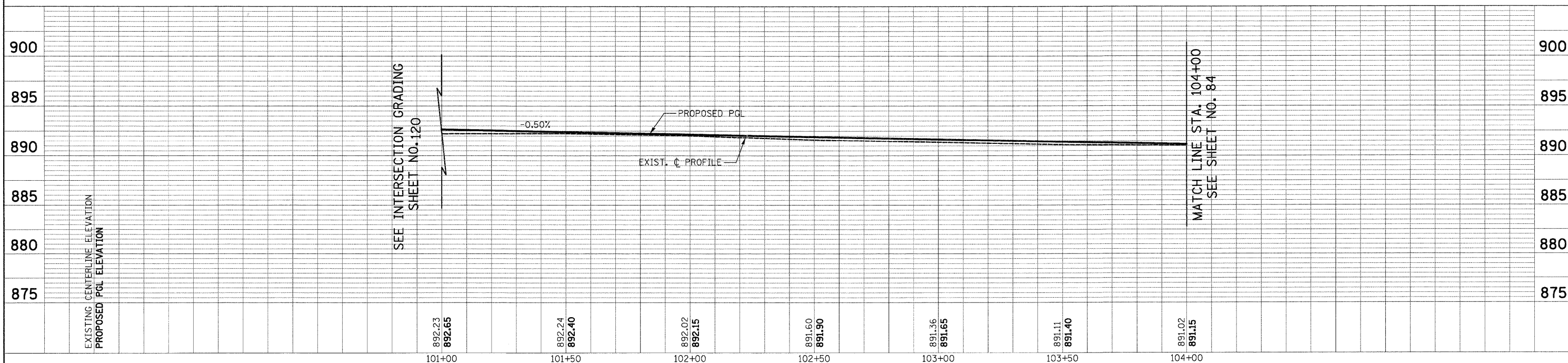
PROPOSED RECONSTRUCTION  
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"  
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"  
 AGGREGATE SUBGRADE, 12"  
 POROUS GRANULAR EMBANKMENT, SUBGRADE, VARIABLE DEPTH

SEE DETAIL  
 SHEET NO. 162

- NOTES:  
 1. FOR DRIVEWAY APRON DETAIL  
 SEE SHEET NO.



KLASEEN ROAD

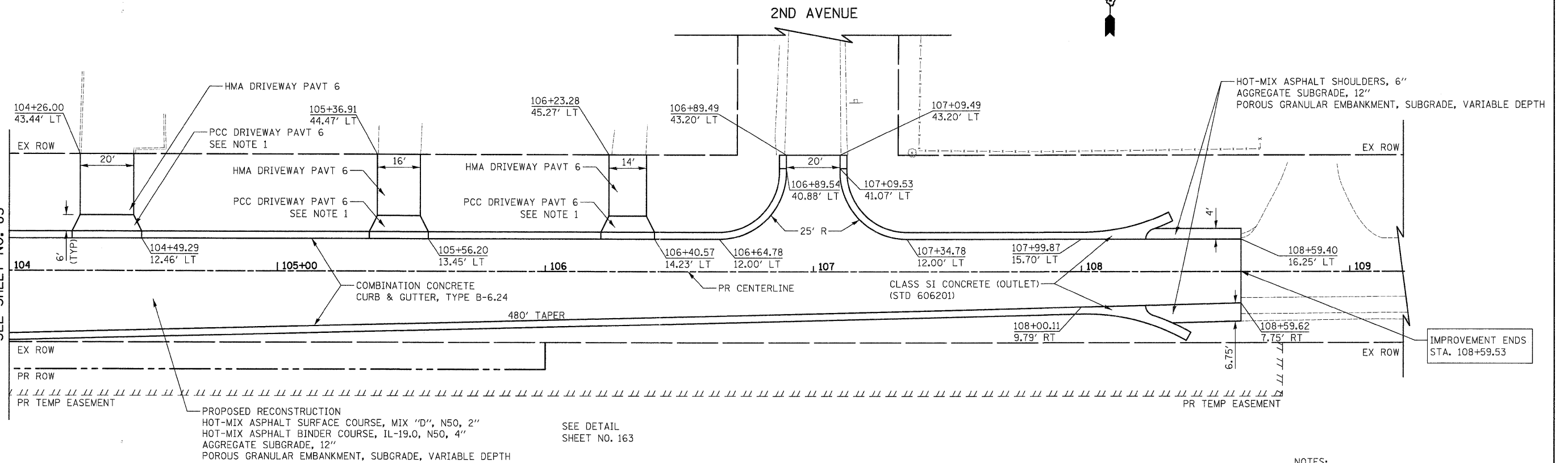


FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Y:\2278 Virginia Klaseen\cad\sheet\88-Plan	ndProfile\2278_P&P_15.dgn	DRAWN - DTE	REVISED -			3887	96-00209-01-PV	McHENRY	271	83	
	PLOT SCALE = 28.0000' / in.	CHECKED - GAB	REVISED -			SCALE: 1" = 20'		SHEET NO. 15 OF 19 SHEETS		STA. 100+80 TO STA. 104+00	
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT HPP-40640031	
CONTRACT NO. 63553											

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

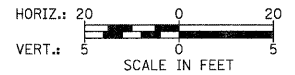
MATCH LINE STA. 104+00  
SEE SHEET NO. 83



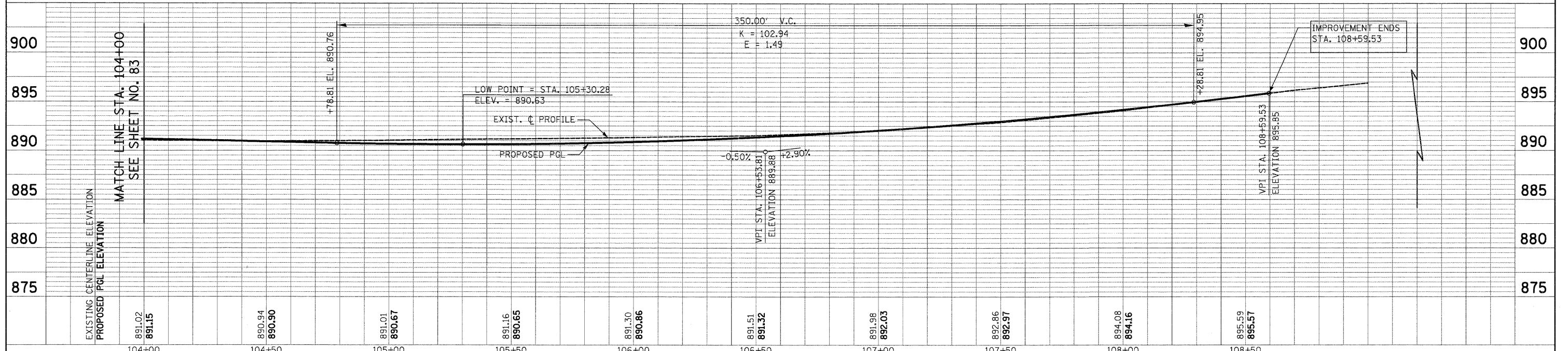
PROPOSED RECONSTRUCTION  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"  
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"  
AGGREGATE SUBGRADE, 12"  
POROUS GRANULAR EMBANKMENT, SUBGRADE, VARIABLE DEPTH

SEE DETAIL  
SHEET NO. 163

NOTES:  
1. FOR DRIVEWAY APRON DETAIL  
SEE SHEET NO.



KLASEN ROAD

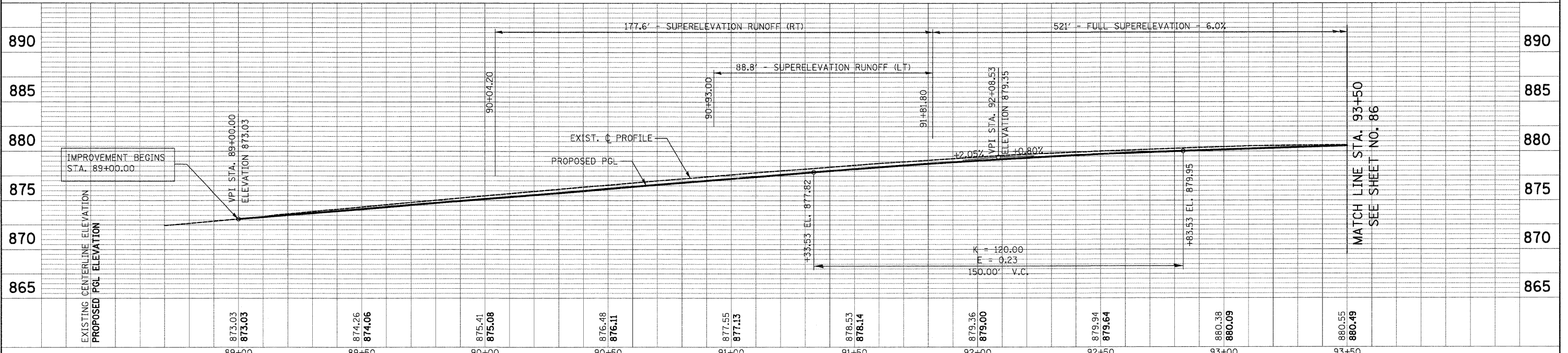
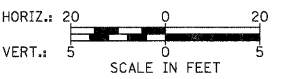
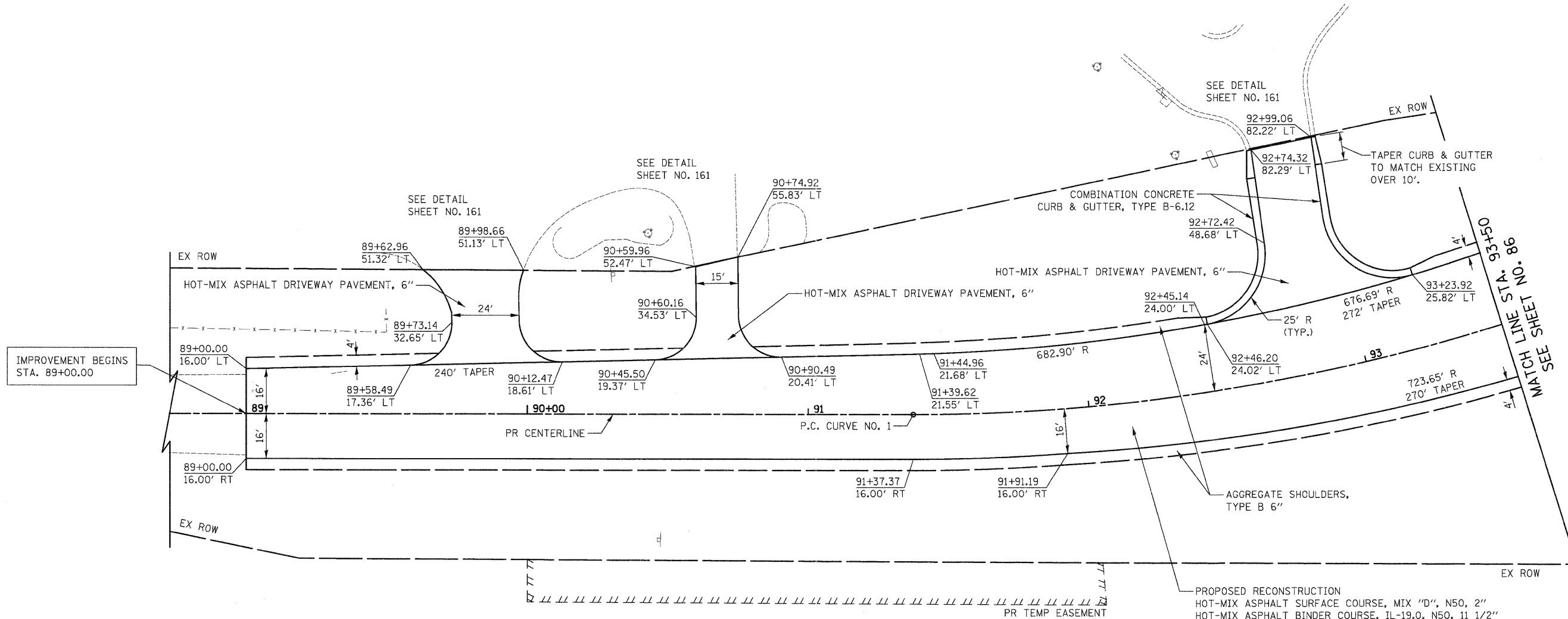


FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b>	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Y:\2278 Virginia Klase\road\sheet\28-Plan and Profile\2278_P&P_16.dgn		DRAWN - DTE	REVISED -			3887	96-00209-01-PV	McHENRY	271	84	
PLOT SCALE = 20.0000' / 1 in.		CHECKED - GAB	REVISED -			CONTRACT NO. 63553					
PLOT DATE = 10/24/2011		DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-40640031					

SCALE: 1" = 20' SHEET NO. 16 OF 19 SHEETS STA. 104+00 TO STA. 108+59.53

PLAN	DATE
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	

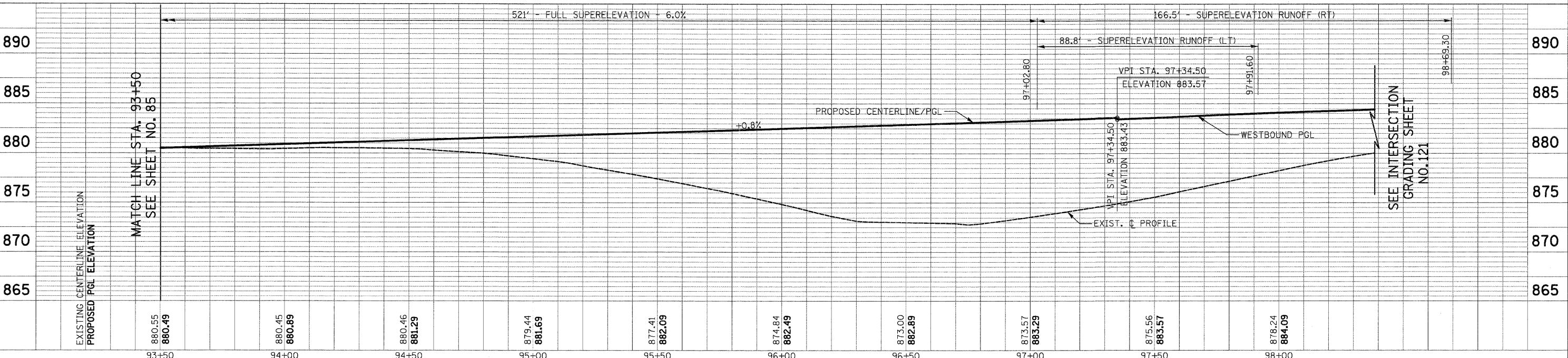


FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b>	F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 85	
Y:\2278 Virginia Klaser\load\sheet\08-Plan and Profile\2278_P&P_17.dgn	PLOT SCALE = 20,0000' / in.	DRAWN - DTE	REVISED -			SCALE: 1" = 20'	SHEET NO. 17 OF 19 SHEETS	STA. 89+00	TO STA. 93+50	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT HPP-406410031
	PLOT DATE = 10/24/2011	CHECKED - GAB	REVISED -								
		DATE - 10/24/11	REVISED -								

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	

PROP. CURVE NO. 1  
 PI STA. = 94+61.12  
 $\Delta = 49^\circ 19' 52''$  (LT)  
 $D = 8^\circ 07' 37''$   
 $R = 705.00'$   
 $T = 323.75'$   
 $L = 607.00'$   
 $E = 70.78'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA = 91+37.37$   
 $P.T. STA = 97+44.37$



FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Y:\2278 Virginia Klassen\load\sheet\08-Plan and Profile\2278_P&P_18.dgn		DRAWN - DTE	REVISED -			3887	96-00209-01-PV	McHENRY	271	86	
PLOT SCALE = 20.0000' / 1"		CHECKED - GAB	REVISED -			SCALE: 1" = 20'		SHEET NO. 18 OF 19 SHEETS		STA. 93+50 TO STA. 98+80	
PLOT DATE = 10/24/2011		DATE - 10/24/11	REVISED -			CONTRACT NO. 63553		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064003			

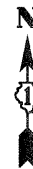


MATCH LINE STA. 98+80  
SEE SHEET NO. 77

MATCH LINE STA. 93+50  
SEE SHEET NO. 85

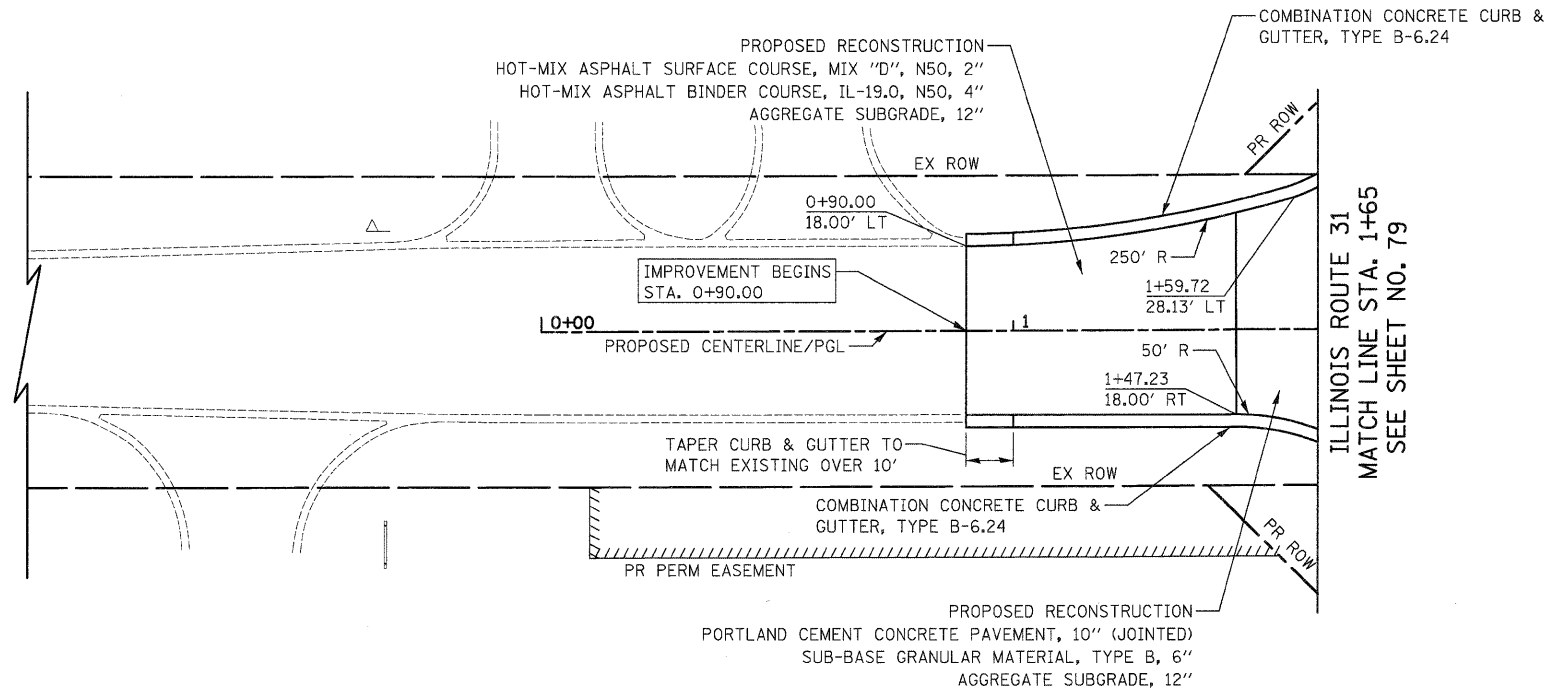
NOTES:  
 1. SEE SHEET 123 FOR SUPERELEVATION TABLE.

VIRGINIA ROAD

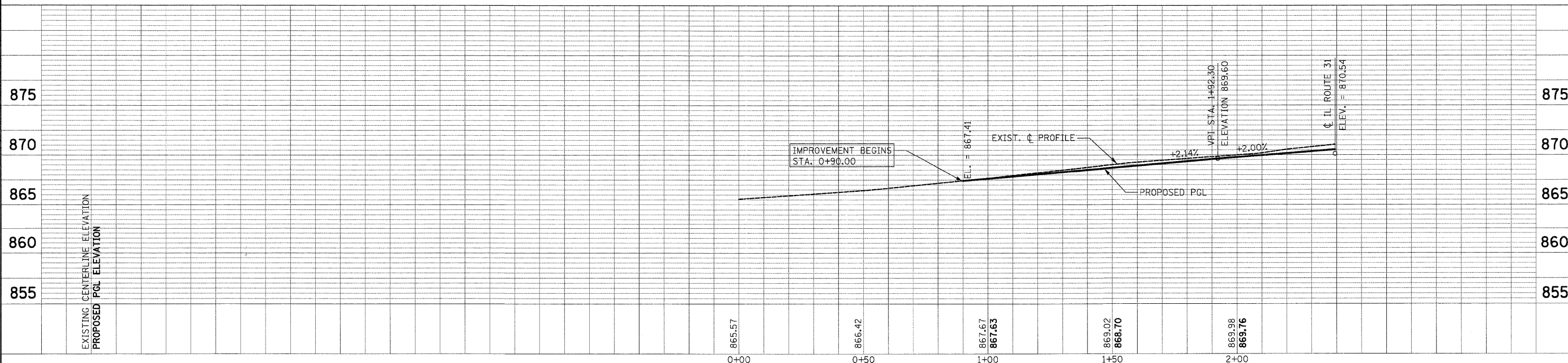


PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNMENT	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	









TRINITY DRIVE



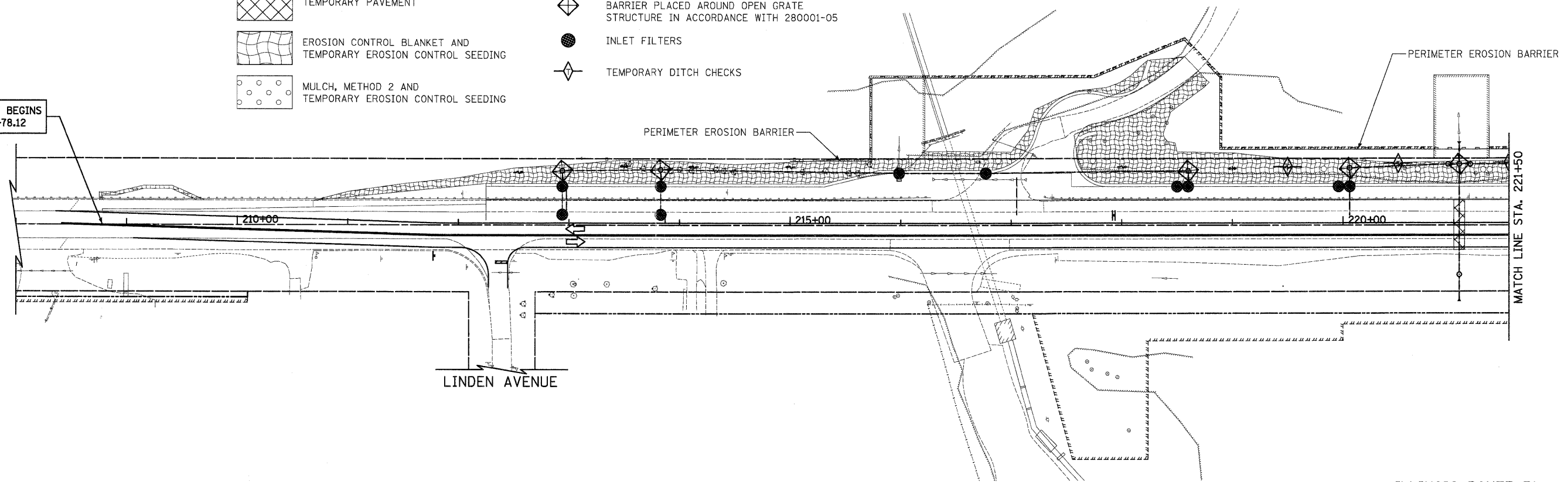
FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b>			F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY McHENRY	TOTAL SHEETS 271	SHEET NO. 87
Y:\2278 Virginia Klassen\cad\sheet\28-Plan	Profile\2278_P&P_19.dgn	DRAWN - DTE	REVISED -		SCALE: 1" = 20'	SHEET NO. 19 OF 19 SHEETS	STA. 0+90 TO STA. 1+65	CONTRACT NO. 63553				
	PLOT SCALE = 28,0000 1 / in.	CHECKED - GAB	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-40610031							
	PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -									

LEGEND

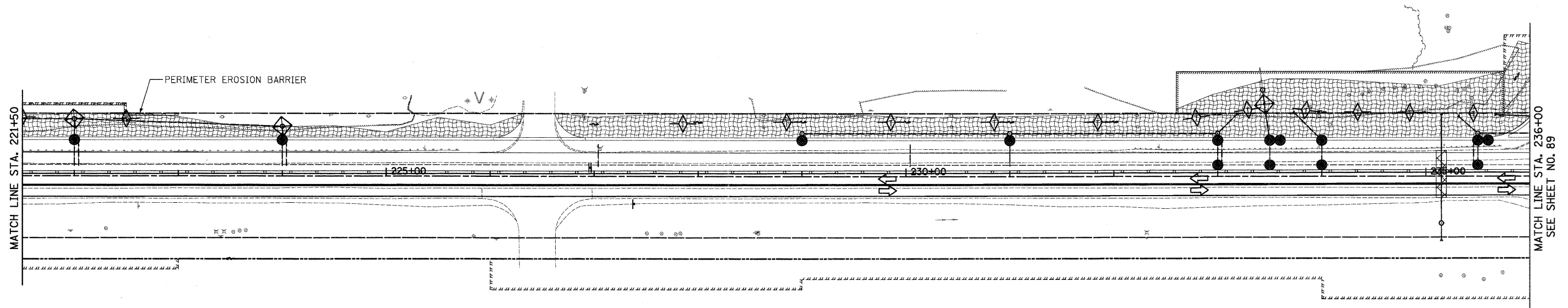
-  TEMPORARY PAVEMENT
-  EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTER AND PERIMETER EROSION BARRIER PLACED AROUND OPEN GRATE STRUCTURE IN ACCORDANCE WITH 280001-05
-  INLET FILTERS
-  TEMPORARY DITCH CHECKS



IMPROVEMENT BEGINS  
STA. 208+78.12

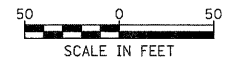


ILLINOIS ROUTE 31



NOTES:

1. ALL TEMPORARY DITCH CHECKS ARE 1 FOOT IN HEIGHT UNLESS OTHERWISE NOTED.



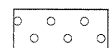





ILLINOIS ROUTE 31

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PLOT SCALE = 50.0000' / 1" / 31.	CHECKED - GAB	DATE - 10/24/11	REVISED -			SCALE: 1" = 50'	SHEET NO. 1 OF 9 SHEETS	STA. 208+78.12	TO STA. 236+00	CONTRACT NO. 63553		
PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)						



LEGEND

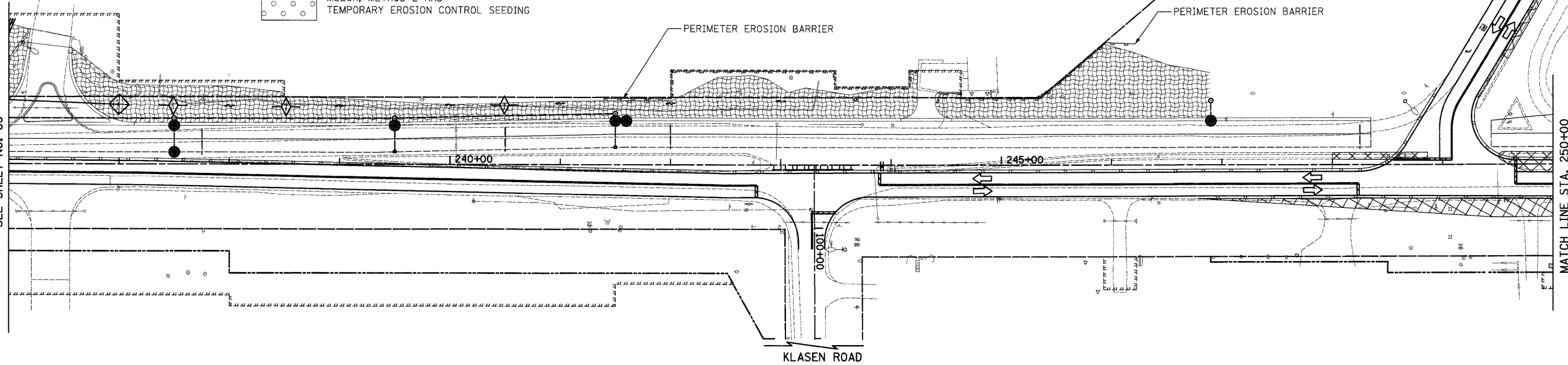
-  TEMPORARY PAVEMENT
-  EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTER AND PERIMETER EROSION BARRIER PLACED AROUND OPEN GRATE STRUCTURE IN ACCORDANCE WITH 280001-05
-  INLET FILTERS
-  TEMPORARY DITCH CHECKS



EXISTING VIRGINIA ROAD  
SEE SHEET NO. 91

MATCH LINE STA. 236+00  
SEE SHEET NO. 88

MATCH LINE STA. 250+00



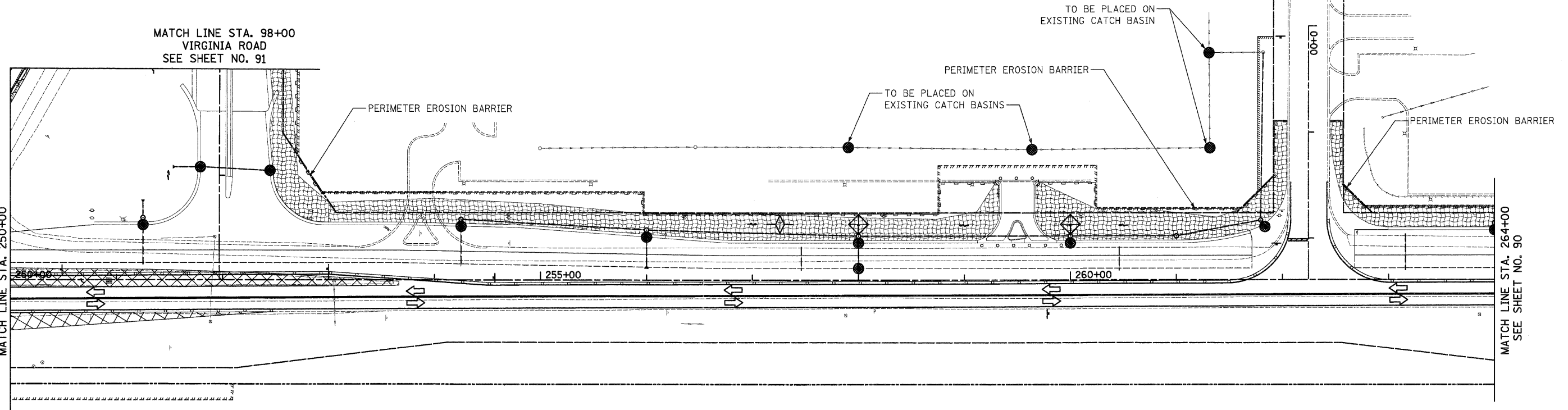
ILLINOIS ROUTE 31

MATCH LINE STA. 98+00  
VIRGINIA ROAD  
SEE SHEET NO. 91

TRINITY DRIVE

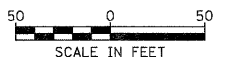
MATCH LINE STA. 250+00

MATCH LINE STA. 264+00  
SEE SHEET NO. 90



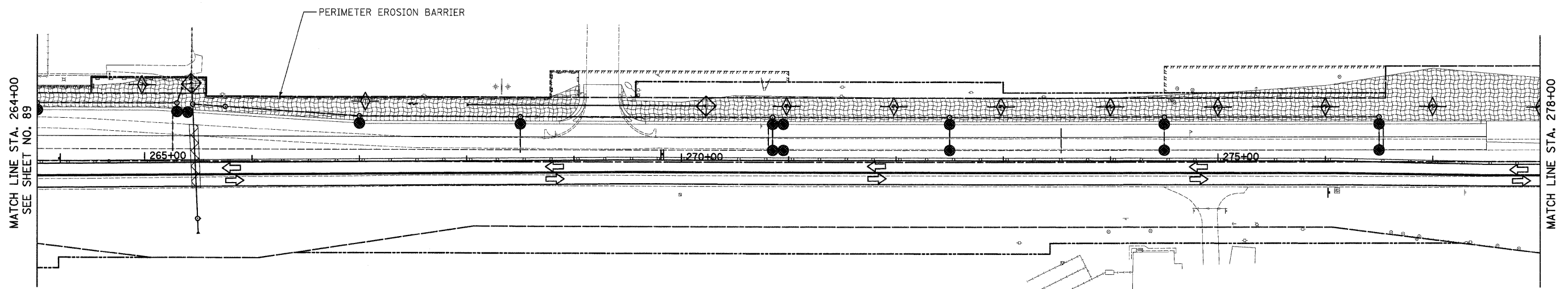
NOTES:

1. ALL TEMPORARY DITCH CHECKS ARE 1 FOOT IN HEIGHT UNLESS OTHERWISE NOTED.

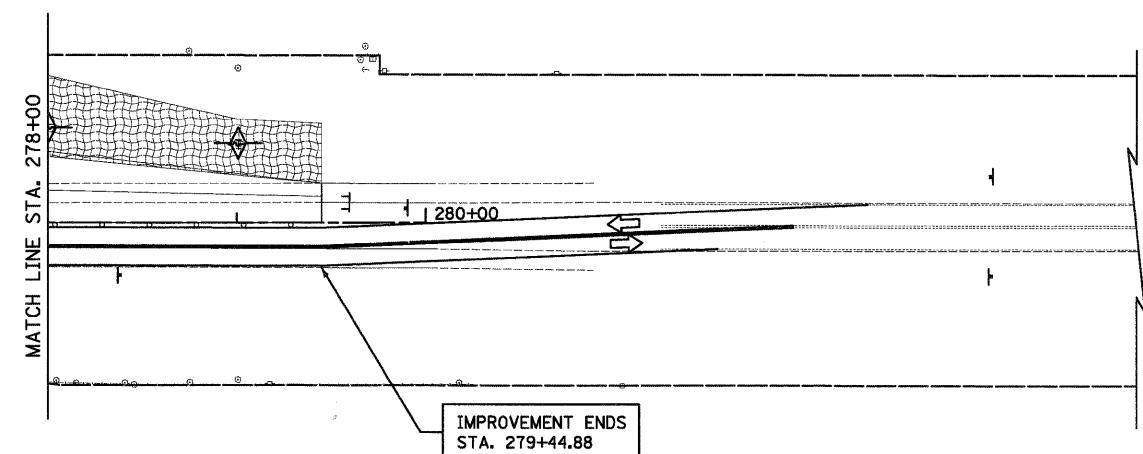


ILLINOIS ROUTE 31







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PLOT SCALE = 50.0000' / 1"						SCALE: 1" = 50'		SHEET NO. 2 OF 9 SHEETS		STA. 236+00 TO STA. 264+00	
CHECKED - GAB						FED. ROAD DIST. NO. 1   ILLINOIS		FED. AID PROJECT HPP-4064(003)		CONTRACT NO. 63553	
DATE - 10/24/11											



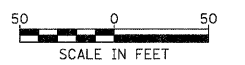
ILLINOIS ROUTE 31



**LEGEND**

-  TEMPORARY PAVEMENT
-  EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTER AND PERIMETER EROSION BARRIER PLACED AROUND OPEN GRATE STRUCTURE IN ACCORDANCE WITH 280001-05
-  INLET FILTERS
-  TEMPORARY DITCH CHECKS

- NOTES:
- ALL TEMPORARY DITCH CHECKS ARE 1 FOOT IN HEIGHT UNLESS OTHERWISE NOTED.









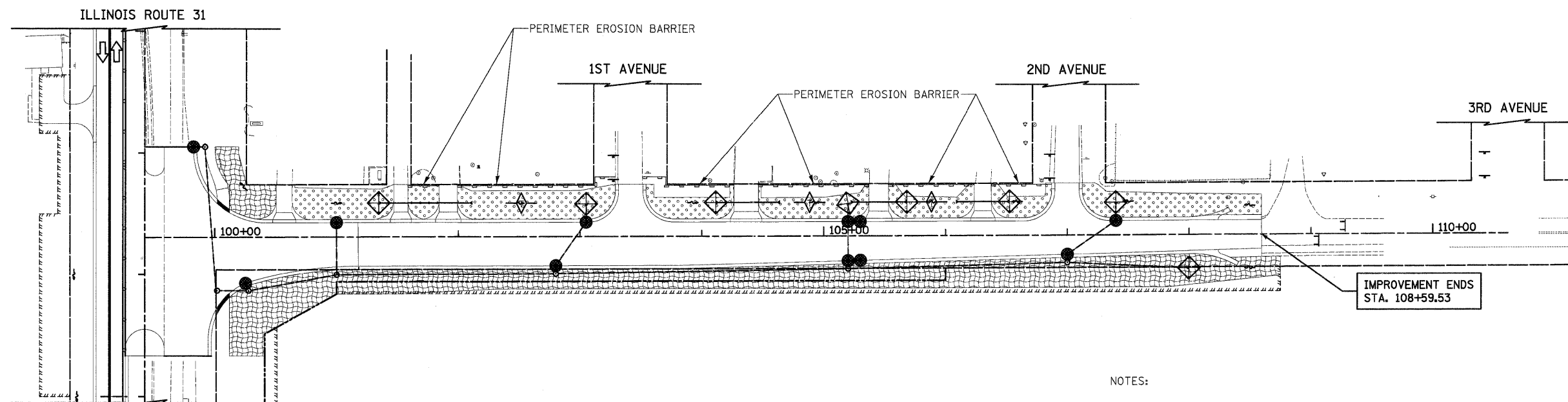
ILLINOIS ROUTE 31

FILE NAME =	USER NAME = dte	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION AND SEDIMENT CONTROL - STAGE 1A AND 1B</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Y:\2278 Virginia Klassen\cad\sheet\10-ErosionControl\2278_ERO_03.dgn		DRAWN - DTE	REVISED -			3887	96-00209-01-PV	MCHENRY	271	90	
PLOT SCALE = 50.0000' / 1"		CHECKED - GAB	REVISED -			<b>CONTRACT NO. 63553</b>					
PLOT DATE = 10/24/2011		DATE - 10/24/11	REVISED -			SCALE: 1" = 50'	SHEET NO. 3 OF 9 SHEETS	STA. 264+00	TO STA. 279+44.88	FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-4064(003)	



LEGEND

-  TEMPORARY PAVEMENT
-  EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTER AND PERIMETER EROSION BARRIER PLACED AROUND OPEN GRATE STRUCTURE IN ACCORDANCE WITH 280001-05
-  INLET FILTERS
-  TEMPORARY DITCH CHECKS



NOTES:

1. ALL TEMPORARY DITCH CHECKS ARE 1 FOOT IN HEIGHT UNLESS OTHERWISE NOTED.



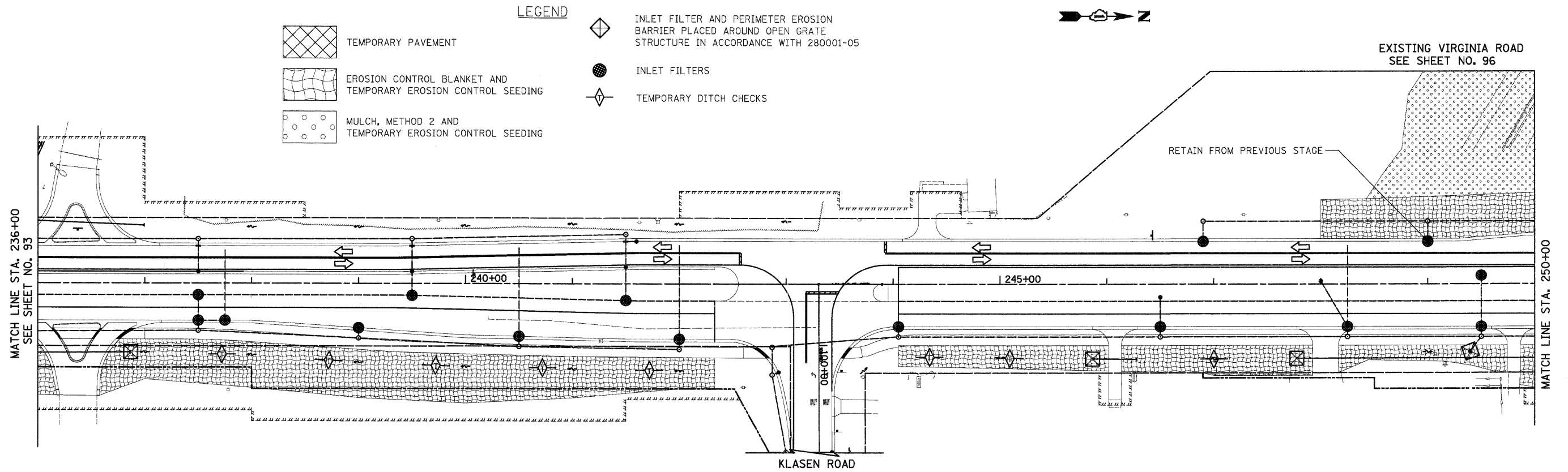
KLASEN ROAD - STAGE 2A

FILE NAME =	USER NAME = dte	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION AND SEDIMENT CONTROL - STAGE 2A</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Y:\2278 Virginia Klase\cad\sheet\10-ErosionControl\2278_ER0_05.dgn	DRAWN - DTE	REVISIONS				3887	96-00209-01-PV	MCHENRY	271	92	
PLOT SCALE = 58.0000' / 1in.	CHECKED - GAB	REVISIONS				<b>CONTRACT NO. 63553</b>					
PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISIONS				SCALE: 1" = 50'    SHEET NO. 5 OF 9 SHEETS    STA. 101+00    TO STA. 108+59.53    FED. ROAD DIST. NO. 1 ILLINOIS    FED. AID PROJECT HPP-4064(003)					

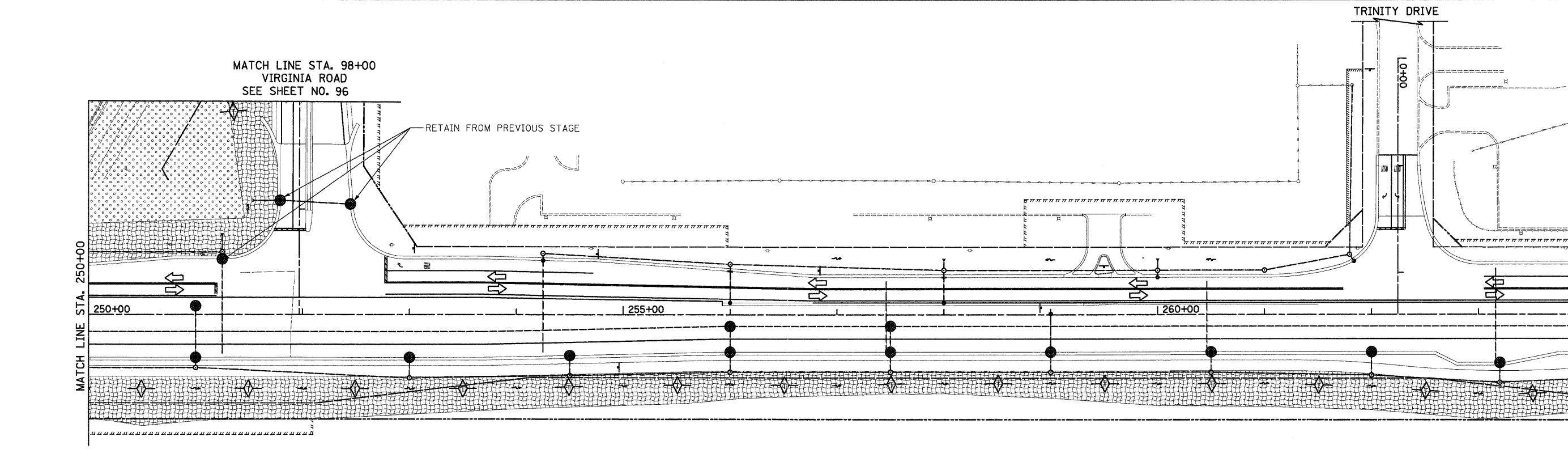


MATCH LINE STA. 236+00  
SEE SHEET NO. 93

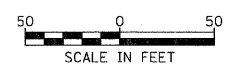
MATCH LINE STA. 250+00



ILLINOIS ROUTE 31



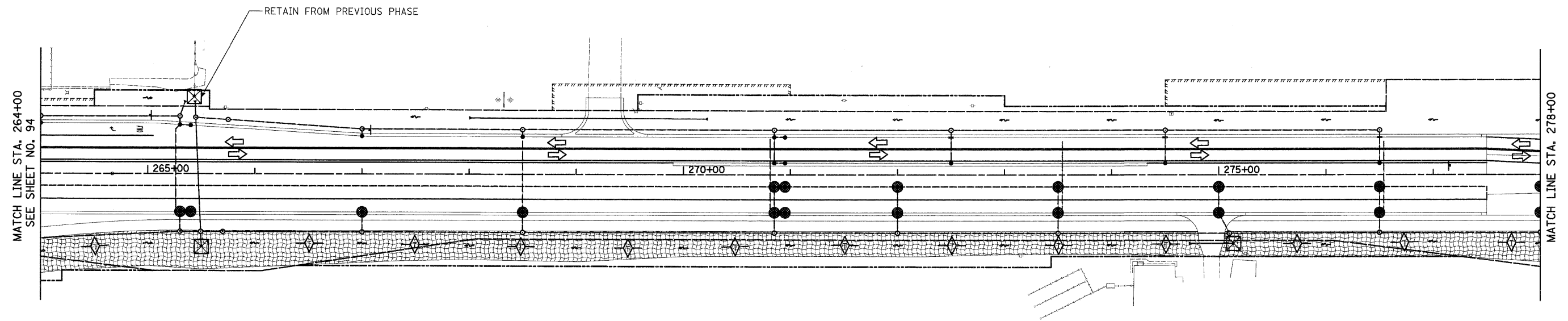
MATCH LINE STA. 264+00  
SEE SHEET NO. 95



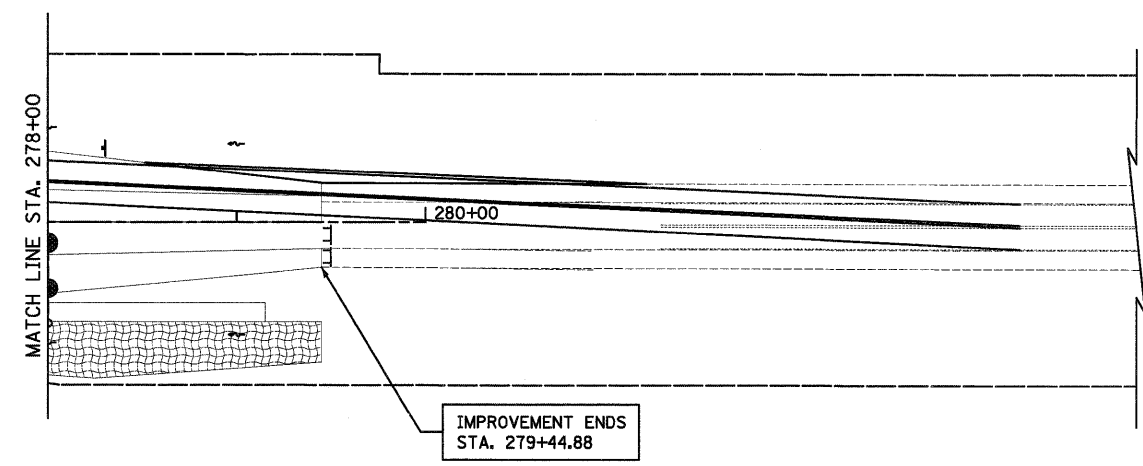
ILLINOIS ROUTE 31

- NOTES:
1. ALL TEMPORARY DITCH CHECKS ARE 1 FOOT IN HEIGHT UNLESS OTHERWISE NOTED.



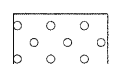



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PLOT SCALE = 50,0000' / in.	CHECKED - GAB	REVISD -	SCALE: 1" = 50'			SHEET NO. 7 OF 9 SHEETS	STA. 236+00 TO STA. 264+00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-406410031			
PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISD -									
							CONTRACT NO. 63553				



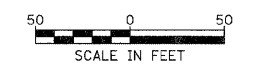
ILLINOIS ROUTE 31



LEGEND

-  TEMPORARY PAVEMENT
-  EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTER AND PERIMETER EROSION BARRIER PLACED AROUND OPEN GRATE STRUCTURE IN ACCORDANCE WITH 280001-05
-  INLET FILTERS
-  TEMPORARY DITCH CHECKS







- NOTES:
- ALL TEMPORARY DITCH CHECKS ARE 1 FOOT IN HEIGHT UNLESS OTHERWISE NOTED.

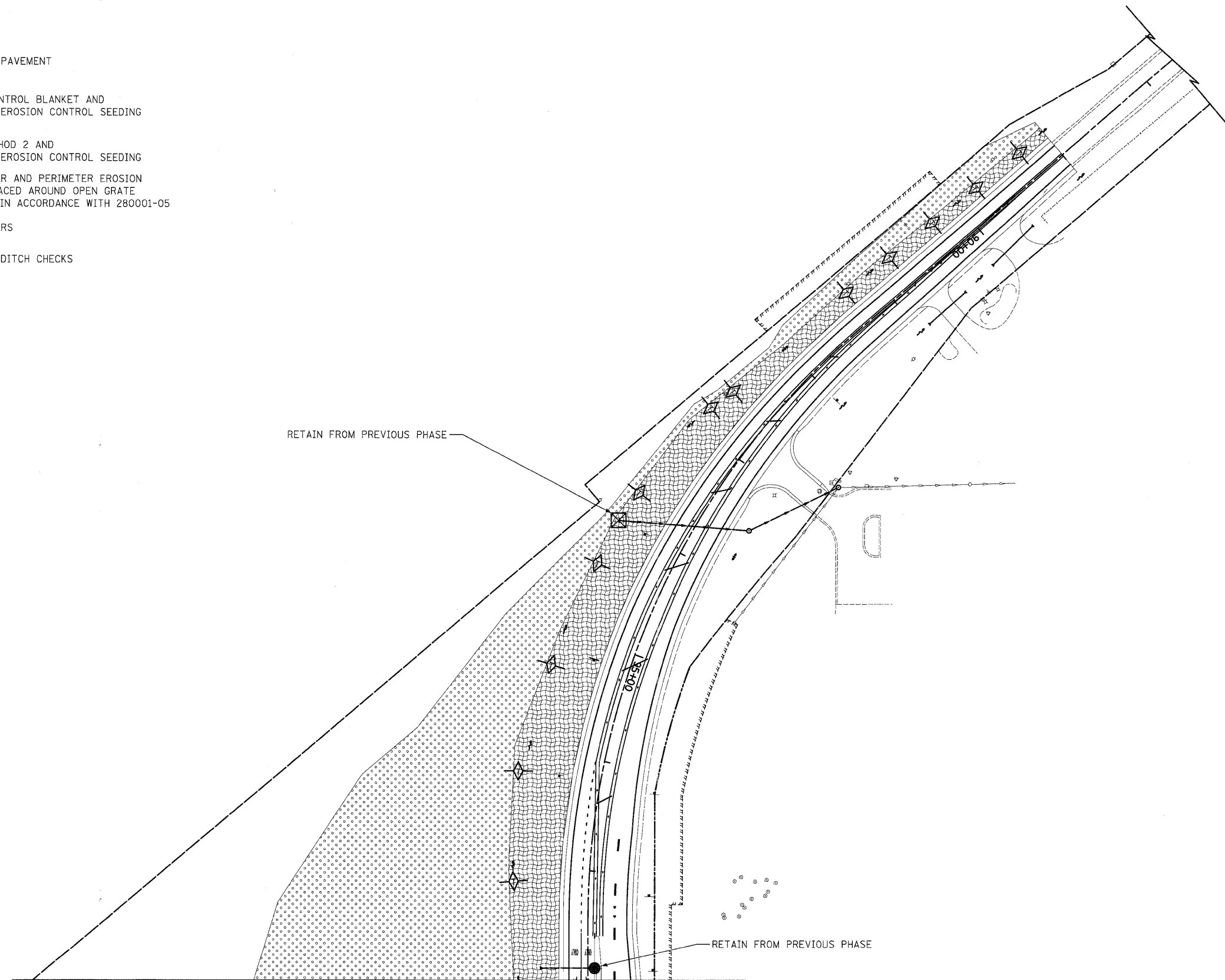


ILLINOIS ROUTE 31

FILE NAME = Y:\2278 Virginia Kleson\oad\sheet\10-ErosionControl\2278_ER0_08.dgn	USER NAME = dte	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION AND SEDIMENT CONTROL - STAGE 2B, 2C &amp; 3</b>	F.A.U. RTE. 3887	SECTION 96-00209-01-PV	COUNTY MCHENRY	TOTAL SHEETS 271	SHEET NO. 95		
PLOT SCALE = 50.0000' / in.	CHECKED - GAB	REVISIED -	REVISIED -			SCALE: 1" = 50'	SHEET NO. 8 OF 9 SHEETS	STA. 264+00	TO STA. 279+44.88	CONTRACT NO. 63553		
PLOT DATE = 10/24/2011	DATE - 10/24/11	REVISIED -	REVISIED -			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT HPP-4064(003)						

**LEGEND**

-  TEMPORARY PAVEMENT
-  EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTER AND PERIMETER EROSION BARRIER PLACED AROUND OPEN GRATE STRUCTURE IN ACCORDANCE WITH 280001-05
-  INLET FILTERS
-  TEMPORARY DITCH CHECKS



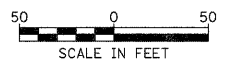
RETAIN FROM PREVIOUS PHASE

RETAIN FROM PREVIOUS PHASE

MATCH LINE STA. 98+00  
VIRGINIA ROAD  
SEE SHEET NO. 94

**NOTES:**

1. ALL TEMPORARY DITCH CHECKS ARE 1 FOOT IN HEIGHT UNLESS OTHERWISE NOTED.



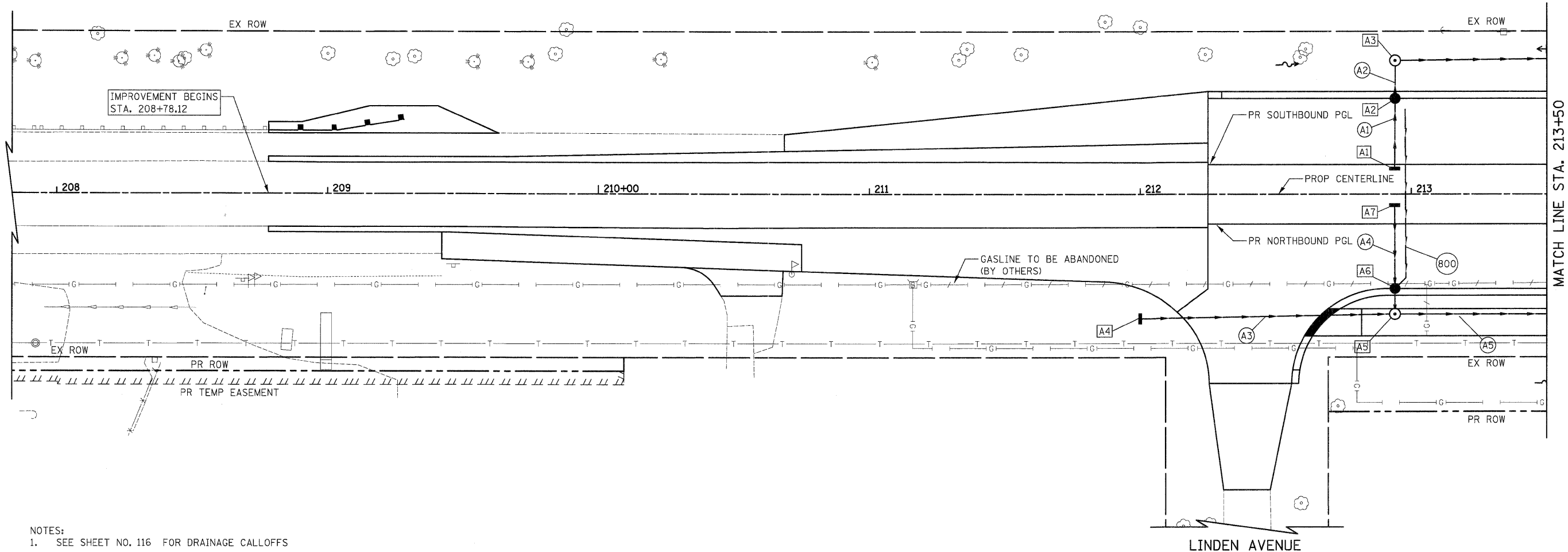
ILLINOIS ROUTE 31

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PLOT SCALE = 50.0000' / 1" =		CHECKED - GAB	REVISED -			SCALE: 1" = 50'		SHEET NO. 9 OF 9 SHEETS		STA. 89+00 TO STA. 98+00	
PLOT DATE = 10/24/2011		DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-4064(003)					
<b>CONTRACT NO. 63553</b>											



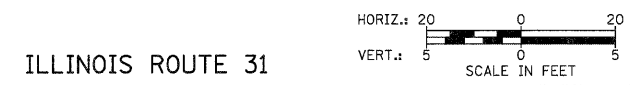
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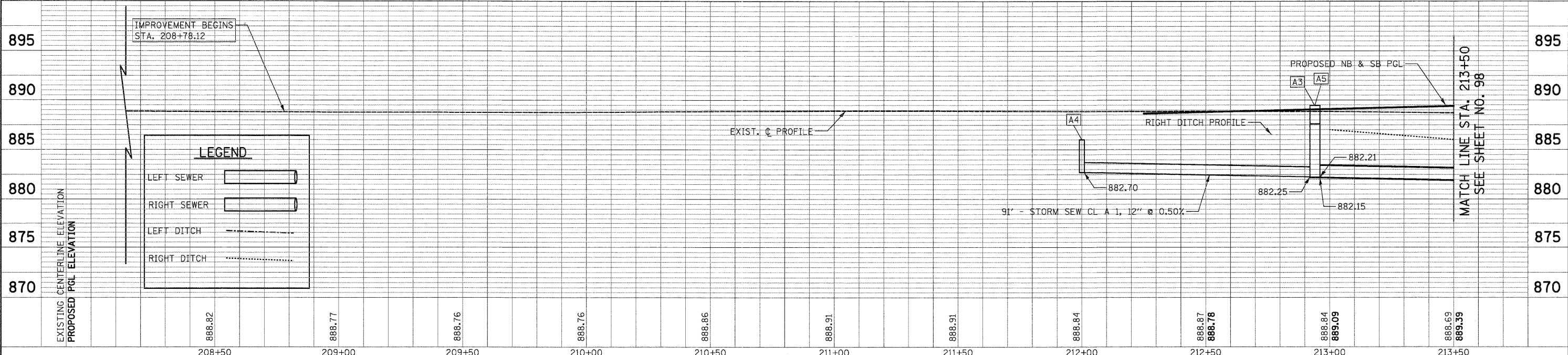


MATCH LINE STA. 213+50  
SEE SHEET NO. 98

NOTES:  
1. SEE SHEET NO. 116 FOR DRAINAGE CALLOFFS



ILLINOIS ROUTE 31

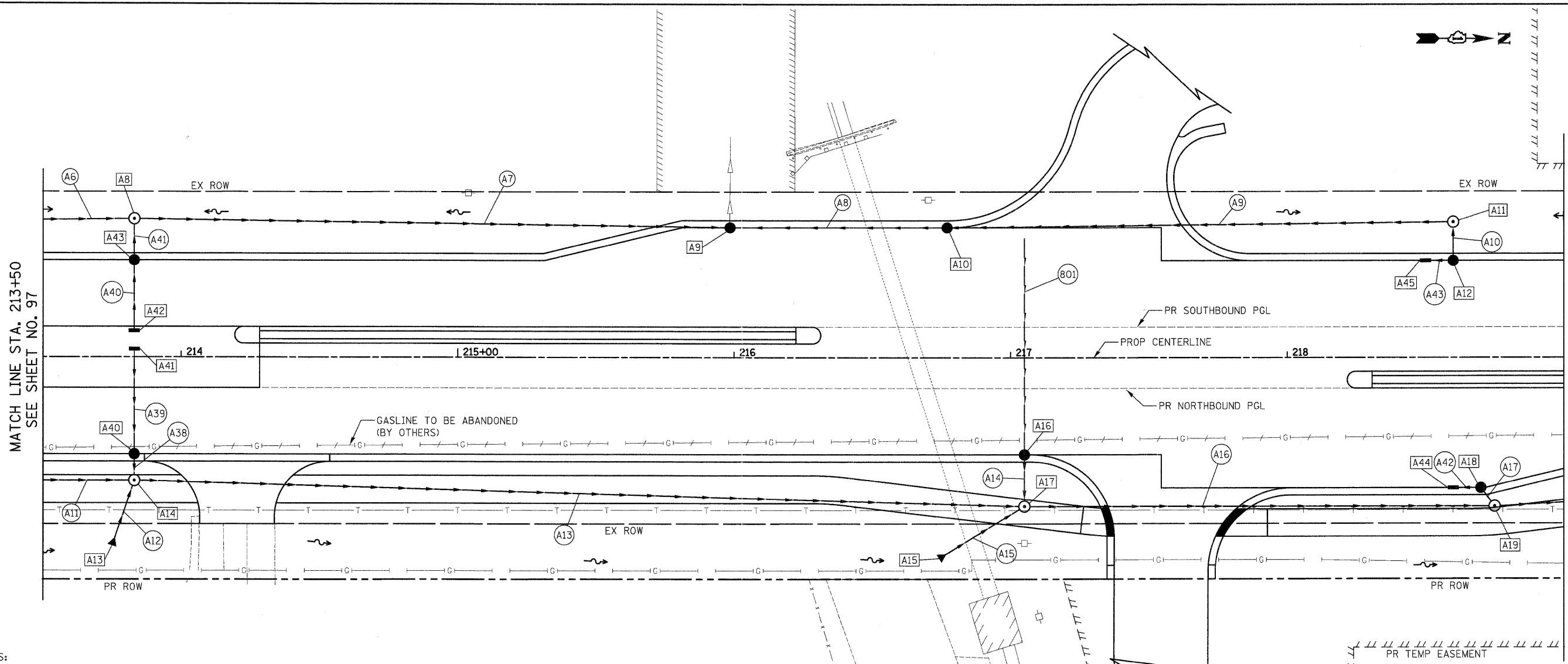


MATCH LINE STA. 213+50  
SEE SHEET NO. 98

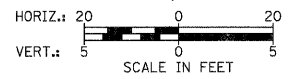
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Y:\2278 Virginia Klassen\load\sheet\11-DrainageAndUtilities\2278_08U_01.dgn	DRAWN - DTE	CHECKED - GAB	REVISED -			SCALE: 1" = 20'	SHEET NO. 1 OF 23 SHEETS	STA. 208+78.12 TO STA. 213+50	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT HPP-40640031	CONTRACT NO. 63553
PLOT SCALE = 20,0000' / in.	CHECKED - GAB	DATE - 10/24/11	REVISED -								
PLOT DATE = 10/24/2011	DATE - 10/24/11										

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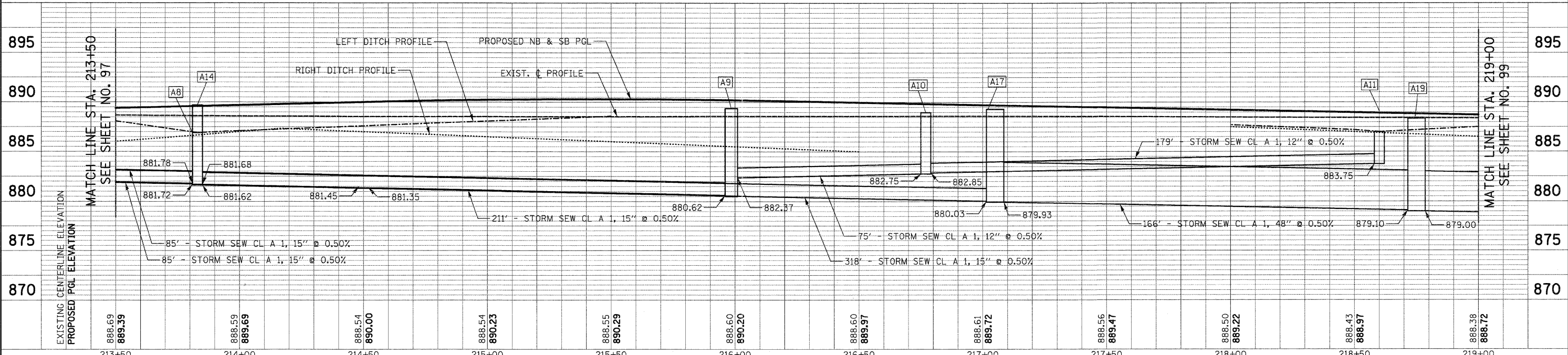
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PROFILE	
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NOTES:  
1. SEE SHEET NO. 116 FOR DRAINAGE CALLOFFS



ILLINOIS ROUTE 31



888.69 889.39	888.59 889.69	888.54 890.00	888.54 890.23	888.55 890.29	888.60 890.20	888.60 889.97	888.61 889.72	888.56 889.47	888.50 889.22	888.43 888.97	888.38 888.72
213+50	214+00	214+50	215+00	215+50	216+00	216+50	217+00	217+50	218+00	218+50	219+00

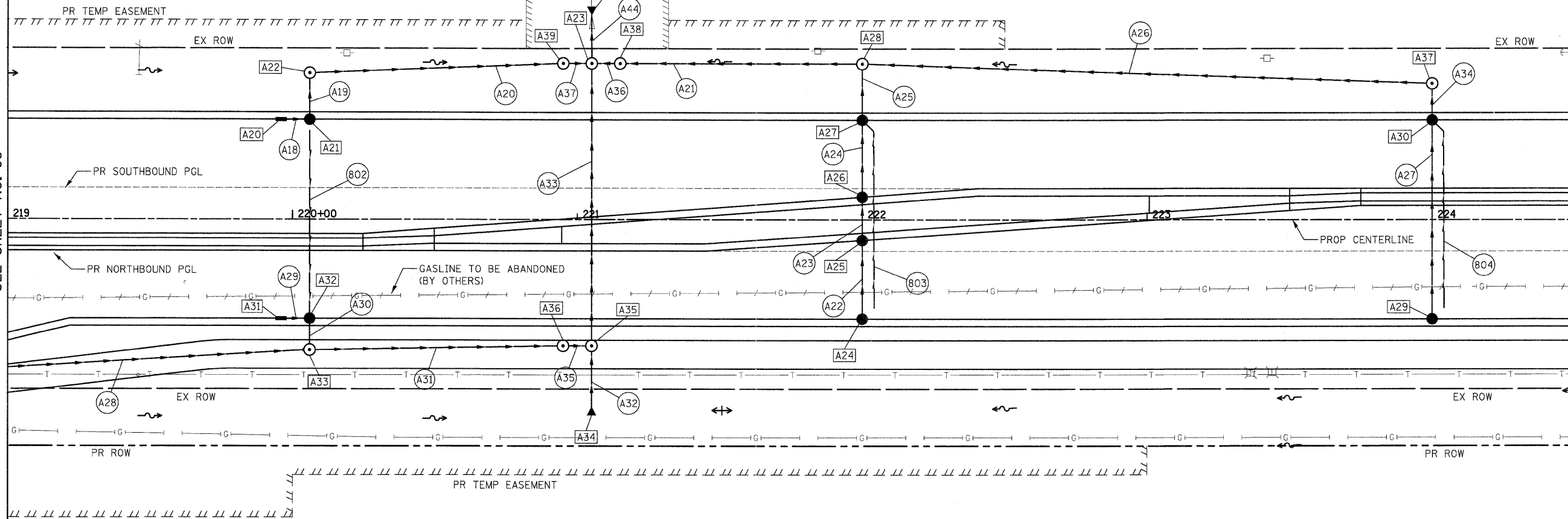
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PLOT SCALE = 20.0000' / in.	CHECKED - GAB	REVISED -	REVISED -			SCALE: 1" = 20'	SHEET NO. 2 OF 23 SHEETS	STA. 213+50	TO STA. 219+00	CONTRACT NO. 63553			
PLOT DATE = 10/24/2011	DATE = 10/24/11	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS   FED. AID PROJECT HPP-4064(003)							

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MATCH LINE STA. 219+00  
SEE SHEET NO. 98

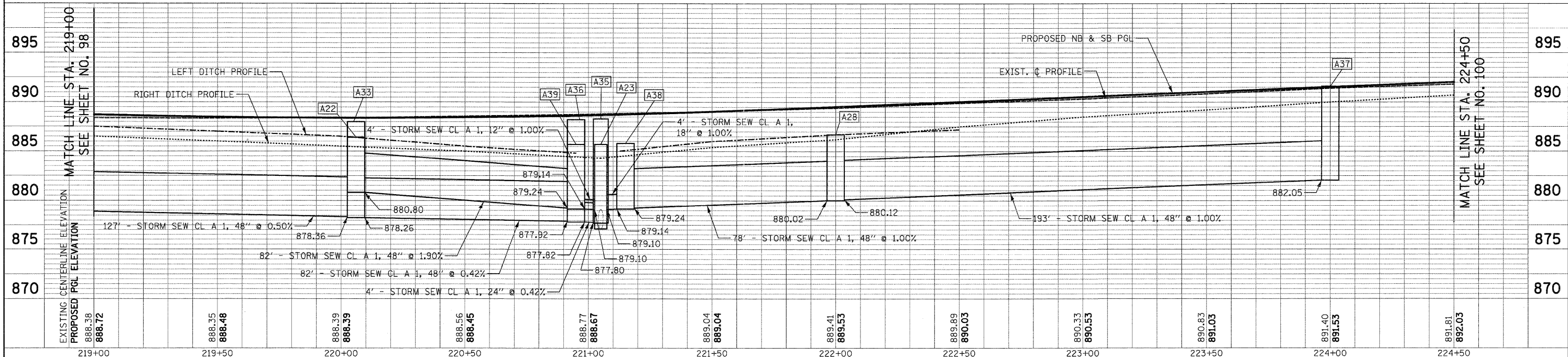
MATCH LINE STA. 224+50  
SEE SHEET NO. 100



NOTES:  
1. SEE SHEET NO. 116 FOR DRAINAGE CALLOFFS



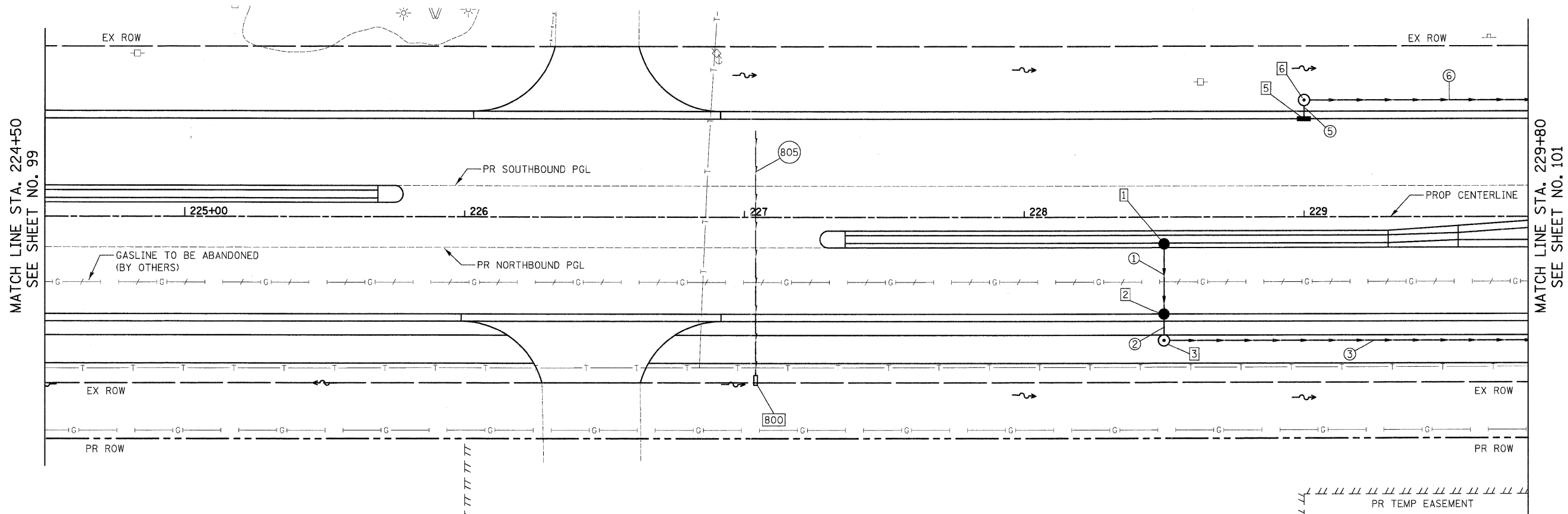
ILLINOIS ROUTE 31



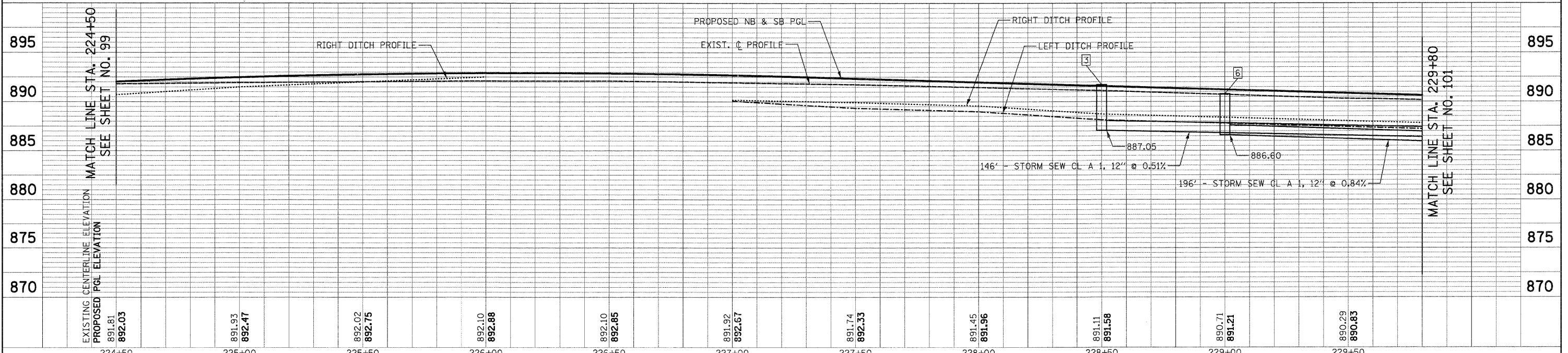
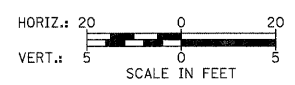
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Y:\2278 Virginia Klassen\cad\sheet\11-DrainageAndUtilities\2278-D&U.03.dgn	PLOT SCALE = 28.2000' / in.	CHECKED - GAB	REVISED -			SCALE: 1" = 20'		SHEET NO. 3 OF 23 SHEETS		STA. 219+00 TO STA. 224+50	CONTRACT NO. 63553	
PLOT DATE = 10/24/11	DATE = 10/24/11	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT HPP-4064(003)				

PLAN	DESIGNED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	CHECKED		
	FILE NAME		

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



NOTES:  
1. SEE SHEET NO. 116 & 117 FOR DRAINAGE CALLOFFS



FILE NAME =	USER NAME = dte	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Y:\2278 Virginia Klassen\cad\sheet\11-DrainageAndUtilities\2278_D&U_04.dgn		DRAWN - DTE	REVISED -			3887	96-00209-01-PV	McHENRY	271	100	
		CHECKED - GAB	REVISED -			CONTRACT NO. 63553					
		DATE - 10/24/11	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-40640031					