

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PROPOSED  
HIGHWAY PLANS

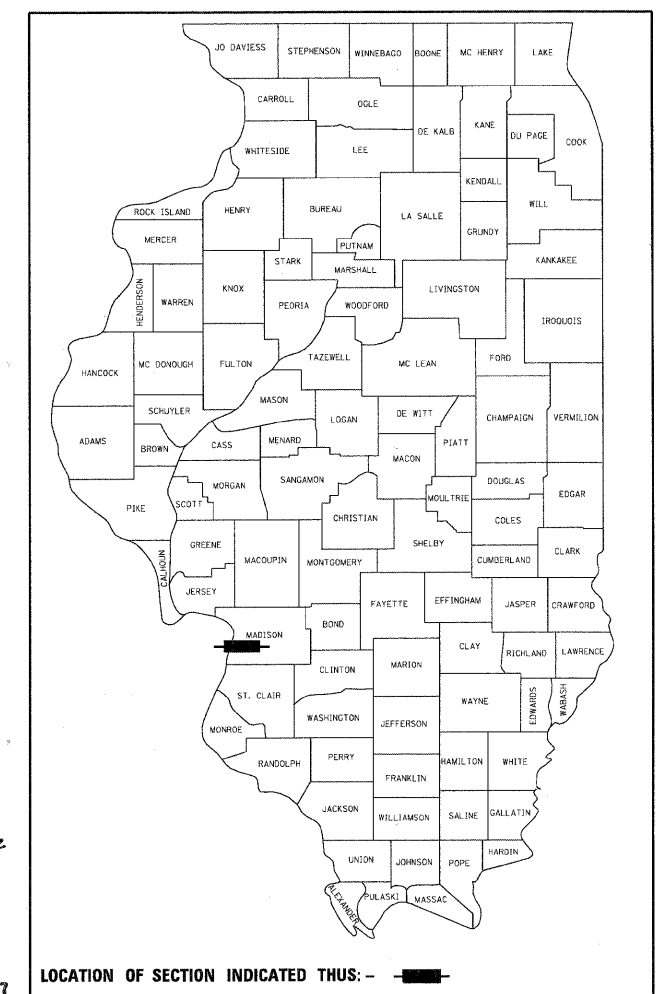
FAI ROUTE 270 (INTERSTATE 270)  
SECTION 60-1B-1  
PROJECT ACIM-ACBRI-270-5(086)002  
I-270 OVER CHAIN OF ROCKS CANAL  
STRUCTURE REPLACEMENT  
MADISON COUNTY

C-98-068-07

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	1

ILLINOIS CONTRACT NO. 76A91  
\*712+28 = 740

D-98-063-07



LOCATION OF SECTION INDICATED THUS: -

TRAFFIC DATA

DESIGN DESIGNATION:

FAI 270 (I-270) = 65,500 (30)  
FREEWAY 7.90 (FD-20)

FAP 2 (IL RTE 3) = 18,900 (30)  
OTHER PRINCIPAL ARTERIAL 7.90(FD-20)

ADT:

I-270 = 54,700 (2007)  
= 68,800 (2030)  
= 2.7% (SU)  
= 17.1% (MU)

IL RTE 3 = 19,100 (2007)  
= 23,500 (2030)  
= 7.3% (SU)  
= 7.6% (MU)

DESIGN SPEED:

FAI 270 (I-270) = 60 MPH  
FAP 2 (IL RTE 3) = 60 MPH  
RAMP P1 = 50 MPH  
RAMP P4 = 45 MPH

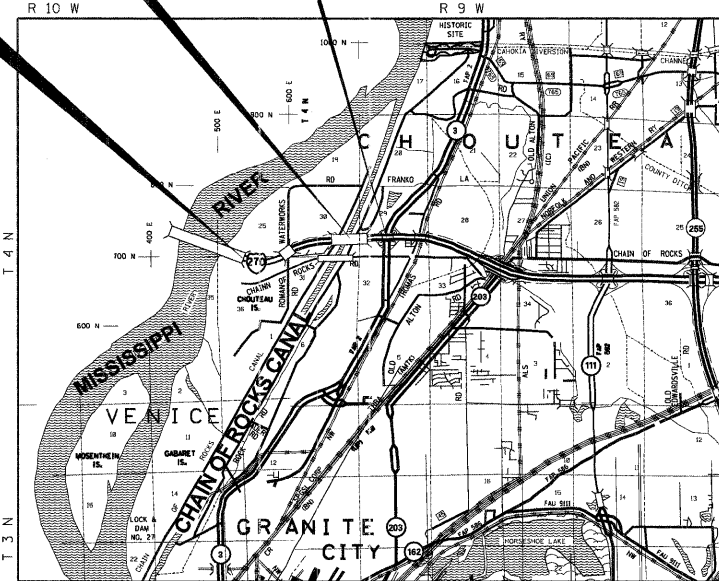
POSTED SPEED:

FAI 270 (I-270) = 55 MPH  
FAP 2 (IL RTE 3) = 50 MPH  
RAMP P1 = 40 MPH  
RAMP P4 = 35 MPH

BRIDGE REPLACEMENT  
I-270 OVER CHAIN OF ROCKS  
CANAL AND LEVEE  
EXIST SN 060-0036 (EB)  
EXIST SN 060-0037 (WB)  
PROP SN 060-0345  
1980'-6" BK-BK ABUT

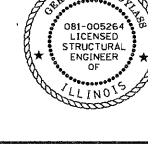
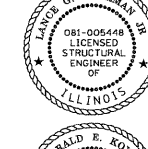
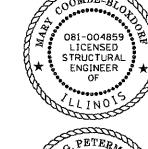
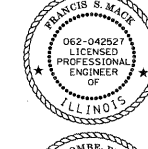
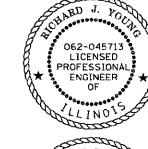
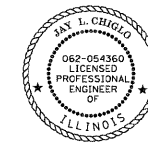
END PROJECT  
FAI 270 (I-270)  
STA 1231+57.00

BEGIN PROJECT  
FAI 270 (I-270)  
STA 1158+00.00  
STA 120+61.00 TO STA 158+00.00  
(GUARDRAIL REPLACEMENT ONLY)



LOCATION MAP  
SCALE: 1" = 1 MILE

GROSS LENGTH = 1.37 MILES  
NET LENGTH = 1.37 MILES  
LONGITUDE = 90.12341  
LATITUDE = 38.76732



BY: *Jay L. Chigolo* DATE: 3/15/11  
HDR SHTS. 88-210

LICENSE EXPIRES 11-30-11

BY: *Kevin J. Brown* DATE: 3/15/11  
HDR SHTS. 1-270, 28-72, 227-228, 30-319, 538-632, 708-711

LICENSE EXPIRES 11-30-11

BY: *Victor A. Modder* DATE: 3/15/11  
VOLKERT SHTS. 28-37, 78-87, 11-249, 249-310, 433-707

LICENSE EXPIRES 11-30-11

BY: *Nicholas J. Young* DATE: 3/15/11  
HDR SHTS. 150-206

LICENSE EXPIRES 11-30-11

BY: *Francis S. Made* DATE: 3/15/11  
ABNA ENGINEERING SHTS. 520-549

LICENSE EXPIRES 11-30-11

BY: *Mary Coombe-Bloodorf* DATE: 3/15/11  
SHTS. 367-379, 512-537

LICENSE EXPIRES 11-30-12

BY: *Lance G. Petreman* DATE: 2/15/2011  
HDR SHTS. 320-446, 451-460, 469-478, 483-512

LICENSE EXPIRES 11-30-12

BY: *Gerald E. Kovacs* DATE: 03/13/2011  
HDR SHTS. 447-450, 461-468, 479-482, 523-517, 11/30/12

LICENSE EXPIRES 11-30-12

PLANS PREPARED BY:

**HDR** 8550 W. Bryn Mawr Ave., Suite 900  
Chicago, IL 60631  
312-443-4900  
HDR Engineering, Inc.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

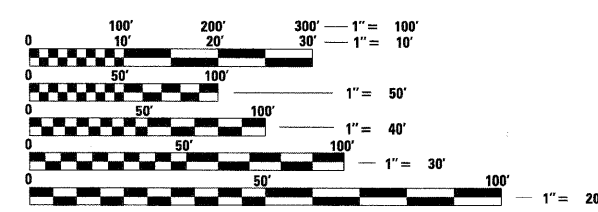
SUBMITTED March 25 20 11

*Mary C. Jamie*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

May 13 20 11  
*Scott E. Stitt, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

May 13 20 11  
*Christine M. Reed*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS



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

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

PROJECT ENGINEER PATTI LeBEAU, P.E. (618) 346-3179  
PROJECT MANAGER BILLIE OWEN, P.E. (618) 346-3189

CONTRACT NO. 76A91

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**DRAWING NO.  
VOLUME 1**

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**DRAWING NO.  
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**HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
285001-02	FABRIC FORMED CONCRETE REVETMENT MATS
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2 m) JOINTED PCC PAVEMENT
420206-08	ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420306-06	EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT
421101-08	24' (7.2 m) CRC PAVEMENT (WITH WIDE FLANGE BEAM TERMINAL JOINT)
421106-08	36' (10.8 m) CRC PAVEMENT (WITH WIDE FLANGE BEAM TERMINAL JOINT)
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
483001-04	PCC SHOULDER
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
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
602106-01	DRAINAGE STRUCTURES TYPE 4, 5 & 6
602401-03	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604021-02	BASE, FRAME AND LIDS TYPE 5
604036-02	GRATE TYPE 8
604071-04	FRAME AND GRATE TYPE 20
606401-01	PAVED DITCH
630001-09	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-07	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-09	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
637006-02	CONCRETE BARRIER, DOUBLE FACE, 42 in. (1065 mm) HEIGHT
642001-01	SHOULDER RUMBLE STRIPS
665001-02	WOVEN WIRE FENCE
666001-01	RIGHT OF WAY MARKERS
667101-01	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701401-06	LANE CLOSURE, FREEWAY /EXPRESSWAY
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
825006-01	LIGHTING CONTROLLER POLE MOUNTED, 480V
825026-01	LIGHTING CONTROLLER BASE MOUNTED, 480V
836001	LIGHT POLE FOUNDATION
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

**GENERAL NOTES**

**GENERAL**

- 1 ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE SUPPLEMENTAL SPECIFICATIONS ADOPTED JANUARY 1, 2011; THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS. ANY REFERENCE TO "STANDARDS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT STANDARD. SHOULD A REVISED STANDARD EXIST THAT SUPERSEDES STANDARDS REFERENCED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR IS RESPONSIBLE FOR SEEKING CLARIFICATION FROM THE ENGINEER BEFORE PROCEEDING WITH THE ORDERING OF MATERIALS, SCHEDULING OF PERSONNEL, PERFORMING THE WORK OR ANY OTHER ACTIVITY RELATED TO THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE CORRECT STANDARD BEFORE PERFORMING WORK.
- 2 **WHEN WORKING ON ITEMS UNDER THE JURISDICTION OF THE US ARMY CORPS OF ENGINEERS (USACE) THE CONTRACTOR WILL BE RESPONSIBLE FOR MEETING ALL USACE REQUIREMENTS, THE COST OF DOING SO WILL BE INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE PAID.**
- 3 **THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE NAVIGATIONAL LIGHTING ON THE EXISTING I-270 OVER CHAIN OF ROCKS CANAL BRIDGES, IN OPERATING CONDITION AT ALL TIMES DURING THE CONTRACT AS PER THE REQUIREMENTS OF THE US COAST GUARD. IN ADDITION TO PERMANENT NAVIGATIONAL LIGHTING BEING CONSTRUCTED ON THE PROPOSED BRIDGE, TEMPORARY NAVIGATIONAL LIGHTING SHALL BE PLACED AND FUNCTIONING ON THE PROPOSED BRIDGE AT ALL TIMES DURING CONSTRUCTION AS PER THE REQUIREMENTS OF AND AS APPROVED BY THE US COAST GUARD. THE COST OF DOING SO WILL BE INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE PAID.**
- 4 IN ADDITION TO THE REQUIREMENTS OF THE SPECIAL PROVISION FOR NIGHTTIME WORK ZONE LIGHTING (BDE), THE LIGHTING SYSTEM SHALL BE DESIGNED AND OPERATED SO AS TO AVOID GLARE THAT INTERFERES WITH NAVIGATION IN THE CHAIN OF ROCKS CANAL.
- 5 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- 6 THE LOCATION OF VARIOUS ITEMS SUCH AS PAVEMENT, BARRIER WALLS, AND DRAINAGE STRUCTURES BUILT IN CONTRACTS UNDER CONSTRUCTION DURING THE PREPARATION OF THESE PLANS IS BASED ON THE PUBLISHED CONTRACT PLAN DRAWINGS AVAILABLE DURING DESIGN. THE CONTRACTOR MUST FIELD VERIFY LIMITS, LOCATIONS AND ELEVATIONS OF THESE PREVIOUSLY CONSTRUCTED ITEMS.
- 7 EXISTING GRADES AND ELEVATIONS REPORTED ON THE DRAWINGS ARE BASED ON BEST AVAILABLE INFORMATION. IF THE CONTRACTOR DOES NOT CONCUR WITH THE ELEVATION PROVIDED ON THE DRAWINGS, THE CONTRACTOR MUST NOTIFY THE ENGINEER IN WRITING PRIOR TO CONSTRUCTION. NO CONSTRUCTION WILL BE ALLOWED TO BEGIN UNTIL THESE CONFLICTS ARE RESOLVED.
- 8 **ALL DEWATERING OF THE SITE AS NEEDED FOR THE CONTRACTORS OPERATIONS WILL NOT BE PAID FOR SEPARATELY, BUT CONSIDERED AS INCLUDED IN THE OVERALL CONTRACT PRICE AND NO ADDITIONAL COMPENSATION SHALL BE PAID.**
- 9 **THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION, REPAIR, SNOW REMOVAL, AND /OR MAINTENANCE OF ALL HAUL ROADS TO AND FROM THE DESIGNATED ENTRANCE TO THE VARIOUS WORK SITES. THIS WORK WILL BE INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE PAID.**
- 10 THE CONTRACTOR SHALL STAGE THE WORK AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES.

- 11 10 ft (3 m) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- 12 FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF TWELVE (12) SANDBAGS PER BARRICADE.
- 13 IT IS THE CONTRACTOR'S OPTION TO USE THE MATERIAL TRANSFER DEVICE (MTD). THE PAY ITEM FOR THE MTD WILL NOT BE INCLUDED IN THIS CONTRACT.
- 14 REGARDING RIGHT OF WAY AND PROPERTY CORNERS, THE RIGHT OF WAY MARKER SHALL BE INSTALLED SO THAT THE BACK OF THE POST IS TWELVE INCHES (12") INSIDE THE RIGHT OF WAY BOUNDARY. THE RIGHT OF WAY MARKER SHALL BE A WITNESS TO THE RIGHT OF WAY CORNER WHICH IS THE PROPERTY PIN. THE RIGHT OF WAY CORNER OR PROPERTY PIN IS A 5/8" IRON ROD WITH IDOT ALUMINUM CAP THAT SHALL NOT BE REMOVED, DAMAGED OR DISTURBED WHEN SETTING THE RIGHT OF WAY MARKER AT THE TWELVE INCHES (12") OFFSET.
- 15 THE GUARDRAIL FROM THE MISSISSIPPI RIVER BRIDGE TO STA 1158+00 WILL BE REPLACED AS PART OF THIS PROJECT. STANDARD 701401 AND 701101 SHALL BE USED FOR THE CONSTRUCTION OF GUARDRAIL, PATCHING AND RUMBLE STRIP REMOVAL/REPLACEMENT THROUGHOUT PROJECT CORRIDOR. TYPE II BARRICADES SPACED AT 5' CENTERS EXTENDING 50' ON EITHER SIDE OF THE WORK ZONE WILL BE USED TO DELINEATE THE WORK ZONE DURING NON-WORKING HOURS. GAPS BETWEEN EXISTING AND PROPOSED GUARDRAIL WILL NOT BE ALLOWED FOR MORE THAN 48 HOURS.
- 16 **THE SPLICING/STAGING OF CRC PAVEMENT DUE TO LIMITED WORK SPACE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN PAY ITEM CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 12" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.**
- 17 **CONTRACTOR WILL BE REQUIRED TO STAGE THE CONSTRUCTION OF EMBANKMENTS IN SEVERAL AREAS THROUGHOUT THE PROJECT. SLOPES NEED TO BE A MINIMUM OF 1V:2H. THIS SHALL BE INCLUDED IN THE COST OF PAY ITEM 20200100 EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.**

**NOTIFICATIONS / COORDINATION**

- 1 THE DISTRICT EIGHT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 10 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS.
- 2 THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. IN ADDITION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS IN ADVANCE OF ANY TREE REMOVAL.
- 3 THE CONTRACTOR MUST COORDINATE OFF-SITE HAUL AND ACCESS ROUTES WITH THE PARTY HAVING JURISDICTION OVER THE AFFECTED ROUTE.
- 4 THE CITY OF MADISON AND CHOUTEAU TOWNSHIP SHALL BE NOTIFIED IN WRITING AT LEAST ONE (1) WEEK IN ADVANCE OF THE START OF CONSTRUCTION ACTIVITIES AFFECTING WATERWORKS ROAD AND CHOUTEAU PLACE ROAD, RESPECTIVELY.

**UTILITIES**

- 1 ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.
- 2 AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
  - \* AMEREN-CIPS (ELECTRIC)
  - \* AMEREN-IP (ELECTRIC & ELECTRIC TRANSMISSION)
  - \* AT&T CORP (COMMUNICATION)
  - \* AT&T ILLINOIS (COMMUNICATION)
  - \* LEVEL 3 COMMUNICATIONS, LLC (COMMUNICATION)
  - \* CHARTER COMMUNICATIONS, INC. (CABLE TV)
  - \* BUCKEYE PARTNERS L.P. - WOOD RIVER PIPELINE (PIPELINE)
  - \* EXPLORER PIPE LINE CO (PIPELINE)
  - \* LACLEDE PIPELINE CO (PIPELINE)
  - \* CENTERPOINT ENERGY (PIPELINE)
  - \* ILLINOIS AMERICAN WATER (WATER)
  - \* CITY OF EDWARDSVILLE (WATER)
  - \* MITCHELL PUBLIC WATER DISTRICT (WATER)
  - \* CITY OF GRANITE CITY (SANITARY SEWER)
  - \* CITY OF MADISON (SANITARY SEWER)
  - \* MADISON COUNTY SPECIAL SERVICE AREA #1 (SANITARY SEWER)

MEMBERS OF J.U.L.I.E. (800) 892-0123 OR 811 ARE INDICATED BY \*.

NON-MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- 3 THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR I.T.S. UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 803.04 OF THE STANDARD SPECIFICATIONS.
- 4 THE CONTRACTOR IS ADVISED OF THE PRESENCE OF EXISTING GAS/OIL PIPELINES THAT PARALLEL THE CHAIN OF ROCKS LEVEE ON THE CANAL SIDE OF THE LEVEE. THE PIPELINES HAVE BEEN LOCATED IN THE FIELD AND TEST HOLE CERTIFICATION FORMS ARE INCLUDED IN THE PLANS. THE CONTRACTOR SHALL COORDINATE WITH THE PIPELINE COMPANIES FOR ALL ACTIVITIES WITHIN THE VICINITY OF THE PIPELINES THAT MAY CAUSE DAMAGE TO OR OTHERWISE AFFECT THESE PIPELINES, INCLUDING BUT NOT LIMITED TO EQUIPMENT CROSSING THE PIPELINES, PILE DRIVING, BRIDGE GIRDER ERECTION, AND BRIDGE DEMOLITION. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE COORDINATION OR PROTECTION REQUIRED BY THE PIPELINE COMPANIES AND AS DIRECTED BY THE ENGINEER.
- 5 EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED UPON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATION OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY; AND TO PROTECT ALL SUCH EXISTING FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION) DURING CONSTRUCTION.

FILE NAME = DB76A91-SH1-GEN01.DGN	USER NAME = malopez	DESIGNED - SJM	REVISED - 07-30-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES INTERSTATE 270</b>			F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 3
					SCALE:	SHEET NO. 1	OF 3 SHEETS	STA.	TO STA.	CONTRACT NO. 76A91		
					ILLINOIS FED. AID PROJECT							

**GENERAL NOTES**

**DRAINAGE**

1 CONNECTING OF NEW OR EXISTING SEWER OR PIPE DRAINS TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, PIPE DRAINS SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE PIPE DRAINS OR STRUCTURES INVOLVED.

2 WHEN ENCOUNTERED DURING CONSTRUCTION ACTIVITIES, REMOVAL AND DISPOSAL OF ANY EXPOSED EXISTING PIPE UNDERDRAIN SYSTEM WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS. WHERE EXISTING PIPE UNDERDRAIN SYSTEM IS NOT DISTURBED IT SHALL BE ABANDONED IN PLACE.

3 THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SUITABLE DRAINAGE OF THE ROADWAY AT ALL TIMES, INCLUDING EACH TRAFFIC CONTROL STAGE DURING CONSTRUCTION. THE COST OF COMPLYING WITH THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE BID FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION SHALL BE PAID.

**ENVIRONMENTAL**

1 ALL TURF AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE REGRADED TO THEIR EXISTING CONDITION AND SEEDED AT THE CONTRACTOR'S EXPENSE.

2 TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. TREES OUTSIDE OF THE CONSTRUCTION LIMITS, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED. THE ENGINEER SHALL BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.

3 THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS AND SPECIFIED HEREIN. AS SPECIFIED IN ARTICLE 107.23, THE ENGINEER MUST GIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN.

4 A WETLAND SITE IS LOCATED AT THE NE CORNER OF WATERWORKS ROAD AND KEELIN LANE, WITH A PORTION OF THE SITE EXTENDING INTO THE EXISTING ROW. THERE IS NO WORK PROPOSED WITHIN THE EXISTING WETLAND AREA AND THE SITE IS TO BE PROTECTED FROM DISTURBANCE AS INDICATED IN THE EROSION CONTROL PLANS AND SPECIAL PROVISIONS.

5 ANY SOIL REMOVED FROM THE CANAL WILL NOT BE REINTRODUCED INTO THE WATERS OF THE UNITED STATES AND SHALL BE DISPOSED OF IN AN UPLAND AREA.

**STRUCTURES AND ROADWAY**

1 ESTIMATED PARTIAL DECK BRIDGE DECK QUANTITIES ARE INCLUDED IN THE PLANS AS HOT-MIX ASPHALT SURFACE REMOVAL (DECK) AND DECK SLAB REPAIR (PARTIAL). THIS WORK SHALL BE COMPLETED ON THE EXISTING BRIDGE DECKS AS DIRECTED BY THE ENGINEER.

2 SIGN LIGHTING IS NOT REQUIRED FOR THIS CONTRACT.

3 THE CONTRACTOR IS ADVISED THAT THE EXISTING I-270 BRIDGES OVER THE CHAIN OF ROCKS CANAL CONTAIN LEAD PAINT. THE COST OF ANY REQUIRED PROTECTION, CONTAINMENT, AND PROPER DISPOSAL OF THE EXISTING BRIDGE COMPONENTS SHALL BE INCLUDED IN THE COST OF REMOVAL OF EXISTING STRUCTURES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

4 ANY FILL MATERIAL PLACED WITHIN THE CHAIN OF ROCKS CANAL OR THAT MAY COME INTO CONTACT WITH THE WATERS OF THE CANAL AS PART OF THE CONTRACTOR'S OPERATIONS AND/OR THE CONSTRUCTION OF PROPOSED BRIDGE PIERS WITHIN THE CANAL AND/OR DEMOLITION OF THE EXISTING BRIDGES SHALL BE COARSE AGGREGATE. THE COARSE AGGREGATE SHALL HAVE NO MORE THAN 20% BY WEIGHT BEING ABLE TO PASS THROUGH A U.S. 230 SIEVE.

5 THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCHES WIDE, 5 INCHES HIGH AND 5/8 INCHES DEEP. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PRICE BID FOR THE ASSOCIATED PAVING PAY ITEMS.

6 THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

- A) INTERVAL - 250 FEET
- B) BOTTOM OF NUMBERS - 6 INCHES FROM THE INSIDE EDGE OF THE PAVEMENT MARKING
- C) LOCATION:
  - 2, 3, & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
  - MULTI-LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
  - RAMPS - ALONG BASELINE EDGE OF PAVEMENT
- D) POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER
- E) FORMAT - "XX+XX", WHERE X REPRESENTS THE PAVEMENT STATION
- F) THE STAMPED STATIONS SHALL BE FILLED WITH SAND IMMEDIATELY AFTER STAMPING AND PRIOR TO ADDITIONAL ROLLING.
- G) THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

7 FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

- HOT-MIX ASPHALT BASE COURSE - 0.056
- HOT-MIX ASPHALT SURFACE COURSE - 0.056 TON/SQ YD/IN
- AGGREGATE (SURFACE, BASE, & BACKFILL) - 2.05 TON/CU YD
- BITUMINOUS MATERIALS:
  - PRIME COAT FOR BITUMINOUS CONCRETE:
    - ON PAVEMENT - 0.0002 TON/SQ YD
    - ON AGGREGATE - 0.002 TON/SQ YD
    - ON COLD MILLED SURFACE - 0.0004 TON/SQ YD
    - FOG COAT ON NEW BINDER - 0.00012 TON/SQ YD
  - AGGREGATE (PRIME COAT)
    - ON EXISTING PAVEMENT - 0.002 TON/SQ YD
    - ON COLD MILLED SURFACE - 0.002 TON/SQ YD
    - FOG COAT ON NEW BINDER - 0.001 TON/SQ YD
    - FOG COAT ON NEW BINDER - 0.001 TON/SQ YD
- RIP RAP - 1.5 TON/CU YD
- SEEDING, CLASS 2A, 4A - 200 LB/ACRE
- TEMPORARY EROSION CONTROL SEEDING - 100 LB/ACRE
- NITROGEN FERTILIZER NUTRIENT - 90 LB/ACRE
- PHOSPHORUS FERTILIZER NUTRIENT - 90 LB/ACRE
- POTASSIUM FERTILIZER NUTRIENT - 90 LB/ACRE
- MULCH - 2 TON/ACRE

8 THE CONTRACTOR'S DRILLED SHAFT DETAILED INSTALLATION PROCEDURE IDENTIFIED IN ARTICLE 516.04, SHALL REQUIRE THAT THE DRILLED SHAFTS BE INSPECTED BY CAMERA PRIOR TO CONCRETE PLACEMENT. INSPECTION BY CAMERA SHALL BE INCLUDED IN THE UNIT COST OF DRILLED SHAFT IN ROCK AND NO ADDITIONAL COMPENSATION SHALL BE PAID.

9 THE PAY ITEM AND ESTIMATED QUANTITY INCLUDED IN THE PLANS FOR SUPPLEMENTAL WATERING IS FOR WATERING OF THE VARIOUS SEEDING PAY ITEMS. THE USAGE OF THIS PAY ITEM SHALL BE AS DIRECTED BY THE ENGINEER.

10 USACE UTILIZES PRESSURE RELIEF WELLS ALONG THE LEVEES ON BOTH SIDES OF THE CHAIN OF ROCKS CANAL. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN PERFORMING ACTIVITIES IN THE VICINITY OF THE RELIEF WELLS TO PREVENT DAMAGE TO THEM. ANY WELLS THAT ARE DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO THEIR ORIGINAL FUNCTION TO THE SATISFACTION OF THE ENGINEER. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR MEETING THIS REQUIREMENT.

**COMMITMENTS**

1 THE CONTRACTOR IS ALERTED TO THE FACT THE UNITED STATES ARMY CORPS OF ENGINEERS (USACE) REQUIRES ACCESS TO THE LEVEES FOR FLOOD FIGHTING AND MAINTENANCE OPERATIONS ON A 24 HOURS PER DAY / 7 DAYS PER WEEK / 365 DAYS PER YEAR BASIS. THE CONTRACTOR MUST ACCOMMODATE USACE ACCESS UPON NOTICE.

2 NO EXCAVATION IS PERMITTED WITHIN THE CHAIN OF ROCKS LEVEE EMBANKMENT OR WITHIN 10 FEET OF THE TOE OF THE LEVEE EXCEPT FOR THE CONSTRUCTION OF PROPOSED BRIDGE PIER 4. THE SURFACE OF THE LEVEE SHALL BE PROTECTED FROM DAMAGE DUE TO CONSTRUCTION ACTIVITIES AND SHALL NOT BE PENETRATED FROM TEMPORARY WORKS OR CONSTRUCTION EQUIPMENT.

3 A WETLAND EXISTS AT THE NORTHEAST QUADRANT OF THE INTERSECTION OF WATERWORKS ROAD AND KEELIN LANE. IN ADDITION, USACE MAINTAINS WETLAND CONSERVATION MITIGATION AREAS ON BOTH SIDES OF I-270 TO THE EAST OF THE CHAIN OF ROCKS CANAL. NO INTRUSION OF THESE AREAS AS INDICATED IN THE PLANS WILL BE ALLOWED. THESE AREAS ARE TO BE PROTECTED FROM BEING DISTURBED BY THE CONTRACTOR'S ACTIVITIES, EITHER DIRECTLY OR DUE TO SILTATION, IN ACCORDANCE WITH ARTICLE 107.23 AND AS DIRECTED BY THE ENGINEER.

**PERTINENT INFORMATION**

1 THE CONTRACTOR IS ADVISED THAT THE EXISTING I-270 BRIDGES OVER THE CHAIN OF ROCKS CANAL ARE POSTED FOR LEGAL LOADS ONLY.

2 TWO WEEKS PRIOR TO THE RAMP CLOSING, USE CHANGEABLE MESSAGE SIGNS TO ALERT THE TRAVELING PUBLIC.

FILE NAME = 0876A91-Sh1-GEN02.DGN	USER NAME = mlopez	DESIGNED - DRAWN - ML	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 4	
PLOT SCALE = #SCALE#	CHECKED - SJM	REVISED -	SCALE:			SHEET NO. 2 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 76A91			
PLOT DATE = 3/17/2011	DATE - 06-30-10	REVISED -	[ILLINOIS] FED. AID PROJECT								

**USACE PRESSURE RELIEF WELLS**

WELL #	NORTHING	EASTING	STATION	OFFSET	COMMENT
RW	763971.82	304588.17	1189+64.87	387 RT	TO REMAIN
RW	764542.85	304863.35	1192+74.91	166 LT	TO REMAIN
RW-241	763359.85	305967.23	1203+03.35	1083 RT	TO REMAIN
RW-152	763465.70	306033.02	1203+75.57	981 RT	TO REMAIN
RW-242	763577.17	306090.07	1204+39.43	874 RT	TO REMAIN
RW-153	763683.30	306157.37	1205+13.17	772 RT	TO REMAIN
RW-243	763795.05	306213.38	1205+76.00	664 RT	TO REMAIN
RW-154	763898.82	306283.67	1206+52.59	565 RT	TO REMAIN
RW-244	764036.55	306351.25	1207+28.57	431 RT	TO REMAIN
RW-155A	764165.08	306438.80	1208+23.91	309 RT	TO BE REMOVED
RW-156A	764668.22	306754.74	1211+70.43	174 LT	TO REMAIN
RW-156	764623.99	307016.12	1214+28.57	114 LT	TO REMAIN

**LANE RESTRICTIONS SCHEDULE (SEE NOTE ①)**

LANE RESTRICTIONS PERMITTED -TED		SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			LANE RESTRICTIONS PERMITTED																									
	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED						LANE RESTRICTIONS PERMITTED																									
12A	3A	5A	9A	12P	3P	6P	9P	12A	3A	5A	9A	12P	3P	6P	9P	12A	3A	5A	9A	12P	3P	6P	9P	12A	3A	5A	9A	12P	3P	6P	9P	12A	3A	5A	9A	12P	3P	6P	9P	12A	3A	5A	9A	12P	3P	6P	9P	12A

**HMA MIXTURE DESIGNS**

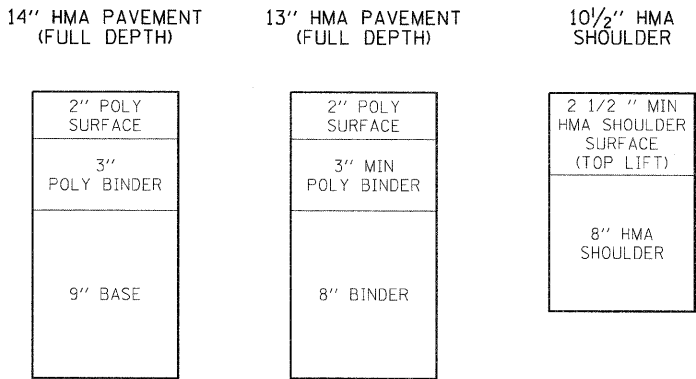
MIXTURE USE(S):	FULL DEPTH SURFACE	FULL DEPTH BINDER	PATCHING HMA
AC/PG:	SBS 76-22	PG 64-22	PG 64-22
RAP% (MAX): **		SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS:	4.0% @ NDES=800	4.0% @ NDES=90	4.0% @ NDES=90
MIXTURE COMPOSITION: (GRADATION MIXTURE)		IL 19.0	
FRICITION AGGREGATE	SMA	MIXTURE "B"	MIXTURE "B"

MIXTURE USE(S):	HMA SURFACE	HMA BINDER/ BASE COURSE	SHOULDERS > 2.25"
AC/PG:	PG 64-22	PG 64-22	PG 64-22
RAP% (MAX): **	SEE SPEC.	SEE SPEC.	SEE CONTRACT RAP
DESIGN AIR VOIDS:	4.0% @ NDES=70	4.0% @ NDES =70	SPECIAL PROVISION
MIXTURE COMPOSITION: (GRADATION MIXTURE)		IL 19.0	**2.0% @ NDES=30 NMAS 3/4"
FRICITION AGGREGATE	MIXTURE "C"	MIXTURE "B"	

MIXTURE USE(S):	SHOULDERS < 2.25"	STABILIZE SUBBASE
AC/PG:	PG 64-22	PG 64-22
RAP% (MAX): **	SEE CONTRACT RAP	SEE CONTRACT RAP
DESIGN AIR VOIDS:	SPECIAL PROVISION	SPECIAL PROVISION
MIXTURE COMPOSITION: (GRADATION MIXTURE)	**2.0% @ NDES=30 NMAS 1/2"	**2.0% @ NDES=30 NMAS 3/4"
FRICITION AGGREGATE		

\*\* TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.  
 PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/50 M/25MM THICKNESS).

**HMA MIXTURE DIAGRAMS**



**NOTES:**  
 ① RAMPs WILL BE INCLUDED IN LANE RESTRICTIONS-BASED ON TRAFFIC FLOW.

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	ACRIM		
				0004 L-01 90% FED. 10% STATE	0011 LIC 90% FED. 10% STATE	0040 LIC 90% FED. 10% STATE
X5210490	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 2000K	EACH	20		20	
X5210180	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 550K	EACH	20		20	
X5210255	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 1700K	EACH	20		20	
87001300	ELECTRIC CABLE IN TRENCH, 600V (XLP-TYPE USE) 3-1/C NO. 6	FOOT	14,470	14,470		
83009210	LIGHT POLE, ALUMINUM, 45 FT. M.H., 2-6 FT. MAST ARMS	EACH	10	10		
X0327277	RELOCATE KIOSK	EACH	1	1		
Z0023902	REMOVE PRESSURE RELIEF WELL	EACH	1	1		
X0327276	STAGED VEHICLE DETECTION AND SURVEILLANCE	L SUM	1	1		
20100500	TREE REMOVAL, ACRES	ACRE	17.75	17.75		
20200100	EARTH EXCAVATION	CU YD	248470	248470		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10237	10237		
20400800	FURNISHED EXCAVATION	CU YD	307140	307140		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	10237	10237		
20800150	TRENCH BACKFILL	CU YD	2605	2605		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	15356	15356		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	170130	170130		
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	15375	15375		
21301032	EXPLORATION TRENCH 32" DEPTH	FOOT	20000	20000		
* 25000210	SEEDING, CLASS 2A	ACRE	30.75	30.75		
* 25000305	SEEDING, CLASS 3A	ACRE	18.75	18.75		
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	5091	5091		
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	5091	5091		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	5091	5091		
* 25100115	MULCH, METHOD 2	ACRE	147.5	147.5		
* 25100630	EROSION CONTROL BLANKET	SQ YD	114236	114236		
* 25200200	SUPPLEMENTAL WATERING	UNIT	1800	1800		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	11312	11312		
28000305	TEMPORARY DITCH CHECKS	FOOT	1060	1060		
28000400	PERIMETER EROSION BARRIER	FOOT	27589	27589		
28000500	INLET AND PIPE PROTECTION	EACH	58	58		
28000510	INLET FILTERS	EACH	32	32		

\* SPECIALTY ITEM

FILE NAME =	USER NAME = owenbj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 6	
ci:\pw\work\pwidot\owenbj\dms64842\0876491-500.dgn		DRAWN -	REVISED -								
	PLOT SCALE = 50.00000' / IN.	CHECKED -	REVISED -								
	PLOT DATE = 3/25/2011	DATE -	REVISED -								
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
						CONTRACT NO. 76A91					
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		AC/EM 0004 LIC 90% FED. 10% STATE	AC/RS 0011 LIC 90% FED. 10% STATE	AC/RT 0040 LIC 90% FED. 10% STATE
28100105	STONE RIPRAP, CLASS A3	SQ YD	2713	2713		
28100107	STONE RIPRAP, CLASS A4	SQ YD	1645	43	1602	
28200200	FILTER FABRIC	SQ YD	4358	2,156	1602	
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	12272	12272		
30201500	LIME	TON	246.1	246.1		
31100200	SUBBASE GRANULAR MATERIAL, TYPE A	CU YD	277	277		
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	68296	68296		
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	796	796		
31200100	STABILIZED SUBBASE 4"	SQ YD	57810	57810		
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	15156	15156		
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	1000	1000		
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4291	4291		
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	7695	7695		
40300500	COVER COAT AGGREGATE	TON	104	104		
40300600	SEAL COAT AGGREGATE	TON	104	104		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3733	3733		
40600300	AGGREGATE (PRIME COAT)	TON	28	28		
40603000	HOT-MIX ASPHALT BINDER COURSE, IL-12.5, N50	TON	2614	2614		
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	633	633		
40701941	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13"	SQ YD	7154	7154		
40701961	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"	SQ YD	23390	23390		
42000541	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SQ YD	3416	3416		
42001300	PROTECTIVE COAT	SQ YD	12837	12837		
42100340	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	33402	33402		
42100615	PAVEMENT REINFORCEMENT	SQ YD	33402	33402		
42101020	WIDE FLANGE BEAM TERMINAL JOINT COMPLETE 24'	EACH	4	4		
42101030	WIDE FLANGE BEAM TERMINAL JOINT COMPLETE 36'	EACH	4	4		
42101300	PROTECTIVE COAT	SQ YD	66796	66796		
44000100	PAVEMENT REMOVAL	SQ YD	51950	51950		
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	10989	10989		
44004000	PAVED DITCH REMOVAL	FOOT	1580	1580		

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		ACRIM 0004 L-61 90% FED 10% STATE	ACRBT 0011 L-1C 90% FED 10% STATE	ACRBT 0040 L-1C 90% FED 10% STATE
44004250	PAVED SHOULDER REMOVAL	SQ YD	25709	25709		
44201823	CLASS D PATCHES, TYPE I, 15 INCH	SQ YD	425	425		
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	425	425		
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SQ YD	425	425		
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	425	425		
44213200	SAW CUTS	FOOT	10,280	10,280		
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	6571	6571		
48203005	HOT-MIX ASPHALT SHOULDERS, 2"	SQ YD	10989	10989		
48203039	HOT-MIX ASPHALT SHOULDERS, 10 1/2"	SQ YD	8219	8219		
48300700	PORTLAND CEMENT CONCRETE SHOULDERS 12"	SQ YD	23201	23201		
48301000	PROTECTIVE COAT	SQ YD	47659	47659		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	2		2	
50102400	CONCRETE REMOVAL	CU YD	44.8			44.8
50104650	SLOPE WALL REMOVAL	SQ YD	3175		3175	
50157300	PROTECTIVE SHIELD	SQ YD	10,700		10,700	
50200100	STRUCTURE EXCAVATION	CU YD	3603		83	3520
50200300	COFFERDAM EXCAVATION	CU YD	16671		16671	
50202901	COFFERDAM (LOCATION - 1)	EACH	1		1	
50202902	COFFERDAM (LOCATION - 2)	EACH	1		1	
50300225	CONCRETE STRUCTURES	CU YD	8224.1		7538	686.1
50300255	CONCRETE SUPERSTRUCTURE	CU YD	6463.8		6469.8	
50300260	BRIDGE DECK GROOVING	SQ YD	19272		19272	
50300265	SEAL COAT CONCRETE	CU YD	6101.2		6101.2	
50300300	PROTECTIVE COAT	SQ YD	23216		23216	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1	
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	195000		195000	
50500505	STUD SHEAR CONNECTORS	EACH	36090		36090	
50800105	REINFORCEMENT BARS	POUND	740766		719170	21596
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3490,790		3,422,680	68110
50800515	BAR SPLICERS	EACH	172		172	
50901750	PARAPET RAILING	FOOT	1084			1084
51100100	SLOPE WALL 4 INCH	SQ YD	884		884	
51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	4527		4527	
51202305	DRIVING PILES	FOOT	4527		4527	



# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				ACTM 0004 LS1 90% FED 10% STATE	ACR1 0011 LIC 90% FED 10% STATE	ACR2 0040 LIC 90% FED 10% STATE
CODE NO	ITEM	UNIT				
51203200	TEST PILE METAL SHELLS	EACH	2		2	
51500100	NAME PLATES	EACH	1		1	
51602000	PERMANENT CASING	FOOT	2920		2920	
51603000	DRILLED SHAFT IN SOIL	CU YD	3058		3058	
51604000	DRILLED SHAFT IN ROCK	CU YD	388		388	
52100530	ANCHOR BOLTS, 1 1/4"	EACH	240		240	
52100540	ANCHOR BOLTS, 1 1/2"	EACH	160		160	
54002020	EXPANSION BOLTS 3/4 INCH	EACH	16			16
54003000	CONCRETE BOX CULVERTS	CU YD	135.2			135.2
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4		
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1		
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2		
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	7	7		
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	35	35		
542A1057	PIPE CULVERTS, CLASS A, TYPE 2 12"	FOOT	16	16		
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	130	130		
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	266	266		
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1667	1667		
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	766	766		
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	768	768		
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	123	123		
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	129	129		
550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	128	128		
55100900	STORM SEWER REMOVAL 18"	FOOT	145	145		
55101200	STORM SEWER REMOVAL 24"	FOOT	1048	1048		
55101600	STORM SEWER REMOVAL 36"	FOOT	69	69		
58700300	CONCRETE SEALER	SQ FT	3794		3794	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	527		527	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	36	36		
60107600	PIPE UNDERDRAINS 4"	FOOT	30500	30500		
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	1350	1350		
60200505	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 5 FRAME, OPEN LID	EACH	1	1		
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2		

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		ACTM 0004 LIC 90% FED 10% STATE	ACBRI 0011 LIC 90% FED 10% STATE	ACBRI 0040 LIC 90% FED 10% STATE
60201310	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 20 FRAME AND GRATE	EACH	4	4		
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4		
<del>60230000</del>	<del>INLETS, TYPE A, TYPE 2 GRATE</del>	<del>EACH</del>	<del style="text-align: center;">1</del>	<del style="text-align: center;">1</del>		
60253800	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 8 GRATE	EACH	2	2		
60270050	DRAINAGE STRUCTURES, TYPE 4 WITH TWO TYPE 20 FRAME AND GRATES	EACH	12	12		
60500050	REMOVING CATCH BASINS	EACH	4	4		
60615400	PAVED DITCH, TYPE A-15	FOOT	1120	1120		
60616150	PAVED DITCH, TYPE A-60	FOOT	105	105		
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	21200	21200		
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	3525	3525		
* 63000005	STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	200	200		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6	6		
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	6	6		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6	6		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8	8		
63200310	GUARDRAIL REMOVAL	FOOT	24713	24713		
63200400	CABLE ROAD GUARD REMOVAL	FOOT	4508	4508		
63500105	DELINEATORS	EACH	112	112		
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	2761	2761		
63700805	CONCRETE BARRIER TRANSITION	FOOT	30	30		
63700900	CONCRETE BARRIER BASE	FOOT	2761	2761		
63801200	MODULAR GLARE SCREEN SYSTEM	FOOT	1800	1800		
64200105	SHOULDER RUMBLE STRIPS	FOOT	20705	20705		
66500105	WOVEN WIRE FENCE, 4'	FOOT	3165	3165		
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	41	41		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	7	7		
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	5	5		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	42	42		
67100100	MOBILIZATION	L SUM	1	1		
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1		

\* SPECIALTY ITEM

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN -	REVISED -			270	60-1B-1	MADISON	712	10	
		CHECKED -	REVISED -			CONTRACT NO. 76A91					
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	0004 LIC LSI 90% FED 10% STATE	0011 LIC 90% FED 10% STATE	0040 LIC 90% FED 10% STATE
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	1278	1278		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	185	185		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	42999	42999		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	17,025	17,025		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	32925	32925		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	45	45		
* 72000200	SIGN PANEL - TYPE 2	SQ FT	124	124		
* 72000300	SIGN PANEL - TYPE 3	SQ FT	1624	1624		
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	743	743		
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	10	10		
72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	24	24		
72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	25	25		
72600100	MILE POST MARKER ASSEMBLY	EACH	12	12		
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	15382			15382
73000100	WOOD SIGN SUPPORT	FOOT	236	236		
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	80			80
73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	58			58
73400100	CONCRETE FOUNDATIONS	CU YD	26.4			26.4
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	44.8			44.8
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1			1
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	18			18
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	18			18
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2			2
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	50363	50363		
* 78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	2472	2472		
* 78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	241	241		
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	37914	37914		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	516	516		
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	102	102		
* 78200520	<b>BARRIER WALL MARKERS, TYPE B</b>	EACH	36	36		
* 78200530	<b>BARRIER WALL MARKERS, TYPE C</b>	EACH	23	23		

\* SPECIALTY ITEM

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SYLLELS		DRAWN -	REVISED -		270	60-1B-1	MADISON	712	11			
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	PLLOT DATE = #DATE#	DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		0004 LS1 90% FED. 10% STATE	0011 LIC 90% FED. 10% STATE	0040 LIC 90% FED. 10% STATE	0021 LS1 90% FED. 10% STATE
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	144	144			
* 78200430	GUARDRAIL MARKERS, TYPE C	EACH	18	18			
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8			
* 78300100	PAVEMENT MARKING REMOVAL	SQ FT	8716	8716			
80300100	LOCATING UNDERGROUND CABLE	FOOT	22221	22221			
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2	2			
81012400	CONDUIT IN TRENCH, 1 1/4" DIA., PVC	FOOT	137				137
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	985	985			
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	545	545			
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	45	15			30
81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	780	780			
81021350	CONDUIT PUSHED, 3" DIA., PVC	FOOT	115				115
81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	240	240			
81200120	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	10500	10500			
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	6	6			
81304100	JUNCTION BOX EMBEDDED IN STRUCTURE 12" X 12" X 6"	EACH	30	30			
<del>81400100</del>	<del>HANDHOLE</del>	<del>EACH</del>	<del>16</del>	<del>16</del>			
81400200	HEAVY-DUTY HANDHOLE	EACH	4				4
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	34	34			
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2	2			
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	10600	10600			
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1000	1000			
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	20636	20456			180
* 82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	20	20			
<del>* 82103900</del>	<del>LUMINAIRE, SODIUM VAPOR, MULTI MOUNT, 250 WATT</del>	<del>EACH</del>	<del>100</del>	<del>100</del>			
* 82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1	1			
* 82500400	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP (DUAL)	EACH	1	1			
83009500	LIGHT POLE, ALUMINUM, 45FT M.H., 12 FT. MAST ARM	EACH	59	59			
83060830	LIGHT POLE, GALVANIZED STEEL, 45 FT. M. H. TENON MOUNT	EACH	2	2			
83009600	LIGHT POLE, ALUMINUM, 45FT M.H., 15 FT. MAST ARM	EACH	7	7			
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	451	451			

\*SPECIALTY ITEM

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#FILE#		DRAWN -	REVISED -			270	60-1B-1	MADISON	712	12	
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	PLOT DATE = #DATE#	DATE -	REVISED -			FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT					

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		0004 L1C 90% FED 10% STATE	0011 L1C 90% FED 10% STATE	0040 L1C 90% FED 10% STATE	0021 L01 90% FED 10% STATE
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	21	21			
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	10	10			
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	49	49			
84200804	REMOVAL OF POLE FOUNDATION	EACH	35	35			
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	1			
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1	1			
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1	1			
86300300	CONTROLLER CABINET TYPE III	EACH	1			1	
86300305	CONTROLLER CABINET TYPE III, SPECIAL	EACH	1	1			
* 87100110	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 6F	FOOT	3818	3818			
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 IC	FOOT	8550	8550			
87800210	CONCRETE FOUNDATION, TYPE D (SPECIAL)	FOOT	7	7			
87800215	CONCRETE FOUNDATION, TYPE D	EACH	1			1	
88600100	DETECTOR LOOP, TYPE I	FOOT	727			727	
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1			
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	10	10			
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	11732	11732			
* K1005421	SEEDING (SPECIAL)	ACRE	7.25	7.25			
* X0323014	ELECTRIC CABLE IN CONDUIT, CONOGA-30003	FOOT	1300			1300	
* X0323015	PIEZO ELECTRIC AXLE SENSOR, CLASS II	FOOT	66			66	
X0323150	JUNCTION BOX, ALUMINUM, ATTACHED TO STRUCTURE, 18" X 18" X 10"	EACH	4	4			
* X0325073	MODIFY EXISTING CONTROLLER CABINET TYPE B	EACH	1	1			
* X0325076	WIDE AREA NETWORK	L SUM	1	1			
* X0325077	FIBER OPTIC UTILITY MARKER	EACH	29	29			
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	270.9	270.9			
X0325482	REMOVE EXISTING ITS EQUIPMENT	EACH	1	1			
X0325483	SFP-GE-L SFP MODULE	EACH	1	1			
X0325484	SFP-GE-Z SFP MODULE	EACH	2	2			
* X0325487	WIRED COMMUNICATION DATA CONVERTOR	EACH	1	1			
X0326091	LIGHT POLE, STEEL 50 FT. WITH CAMERA LOWERING SYSTEM	EACH	2	2			
X0326092	RELOCATE CLOSED CIRCUIT TELEVISION SURVEILLANCE CAMERA SYSTEM	EACH	2	2			

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	PLOT DATE = #DATE#	DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

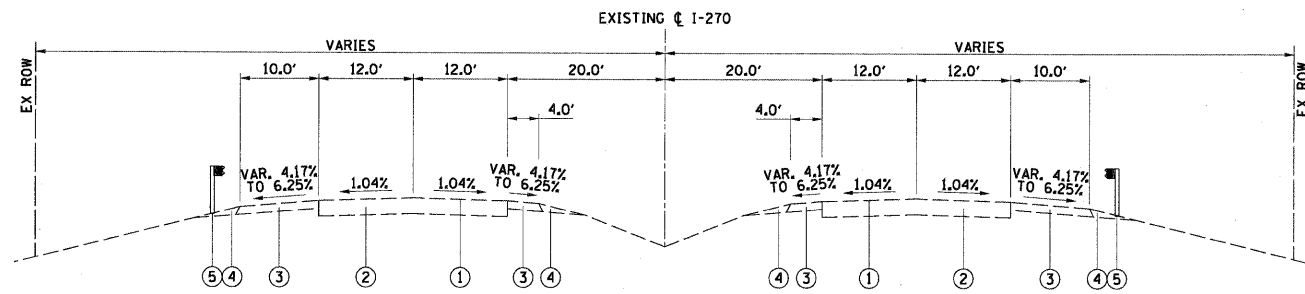
SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		0004 L1C 90% FED. 10% STATE	0011 L1C 90% FED. 10% STATE	0040 L1C 90% FED. 10% STATE	0021 L1C 90% FED. 10% STATE
X0326094	RELOCATE EXISTING ITS CONTROLLER CABINET	EACH	1	1			
X0326104	RELOCATE RADAR DETECTOR SYSTEM	EACH	3	3			
X0326259	DIGITAL VIDEO ENCODER	EACH	4	4			
X0326342	DIGITAL VIDEO DECODER	EACH	1	1			
X0326542	METAL GRATING	L SUM	1		1		
X0326657	RELOCATE SIGN, SPECIAL	EACH	18	18			
X0326871	SOLAR EQUIPMENT	L SUM	1			1	
X0326912	3000 LAYER 2 SWITCH	EACH	2	2			
X0326935	CROSSHOLE SONIC LOGGING	EACH	30		30		
X0327096	ETHERNET MODEM	EACH	6	6			
X0350810	BOLLARD REMOVAL	EACH	6	6			
X0502600	TEMPORARY LIGHTING	L SUM	1	1			
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	1	1			
X2040805	FURNISHED EXCAVATION, SPECIAL	CU YD	49688	49688			
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	1264		1264		
X2111000	TOPSOIL EXCAVATION	CU YD	3432	3432			
X2800510	INLET FILTER CLEANING	EACH	20	20			
X4832500	PORTLAND CEMENT CONCRETE SHOULDERS 12" (SPECIAL)	SQ YD	616	616			
X5080600	MECHANICAL SPLICERS	EACH	2512		2512		
X6370279	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	933	933			
X6380200	RELOCATE MODULAR GLARE SCREEN SYSTEM	FOOT	1800	1800			
X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	3107	3107			
X6660445	RIGHT OF WAY AND PROPERTY CORNERS	EACH	17	17			
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	42	42			
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	40	40			
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	71045	71045			
X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	794	794			
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	224	224			
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	48963	48963			

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		0004 L1C 90% FED. 10% STATE	0011 L1C 90% FED. 10% STATE	0040 L1C 90% FED. 10% STATE	0021 L1C 90% FED. 10% STATE
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	2472	2472			
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	241	241			
X8100065	CONDUIT IN TRENCH, 4" DIA., PVC TYPE C	FOOT	5115	5115			
X8102020	CONDUIT PUSHED, 4" DIA., PVC SCHEDULE 80	FOOT	45	45			
* X8260110	NAVIGATION LIGHTING SYSTEM	L SUM	1	1			
* X8710075	FIBER OPTIC CABLE IN CONDUIT, 72 COND. S.M. F.O.	FOOT	11900	11900			
Z0004002	BOLLARDS	EACH	4	4			
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	80	80			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	160	160			
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	76		76		
Z0018800	DRAINAGE SYSTEM	L SUM	1		1		
Z0019600	DUST CONTROL WATERING	UNIT	999	999			
Z0026346	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1			
* Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	12	12			
Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	34	34			
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	764	764			
Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	19560		19560		
Z0034605	MODULAR EXPANSION JOINT 21"	FOOT	176		176		
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	392		392		
Z0062456	TEMPORARY PAVEMENT	SQ YD	115	115			
Z0065100	SETTLEMENT PLATFORMS	EACH	7			7	
Z0065765	SLOTTED DRAIN 18" WITH VARIABLE SLOT	FOOT	903	903			
■ Z0076600	TRAINEES	HOOR	5000	5000			

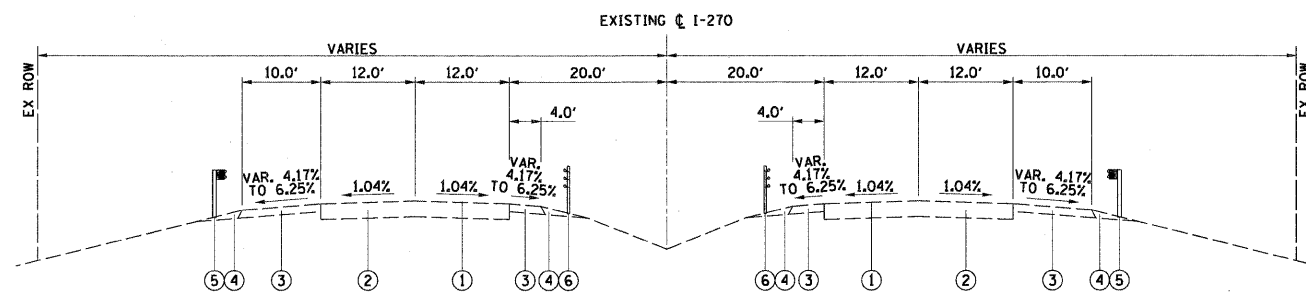
\* SPECIALTY ITEM  
■ 0042

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 14A
#FILE#		DRAWN -	REVISED -		SCALE:      SHEET NO.    OF    SHEETS    STA.                    TO STA.			CONTRACT NO. 76A91				
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		DATE -	REVISED -									



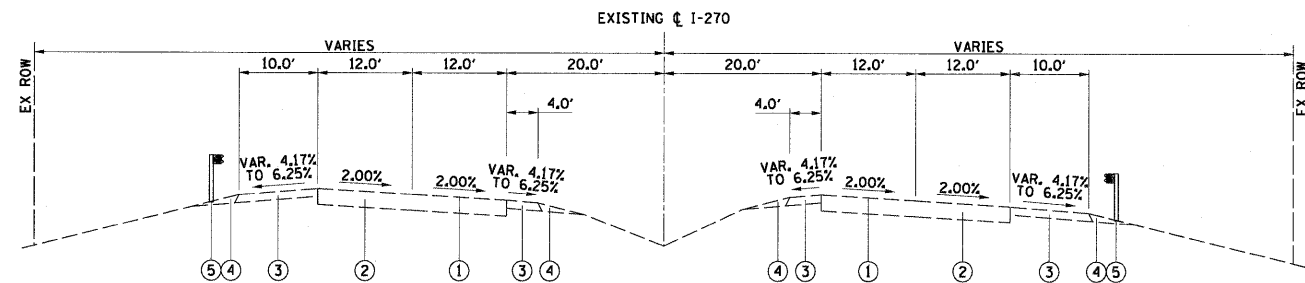
**I-270 EXISTING MAINLINE**

WEST END SECTION  
STA 155+50.38 TO STA 161+16



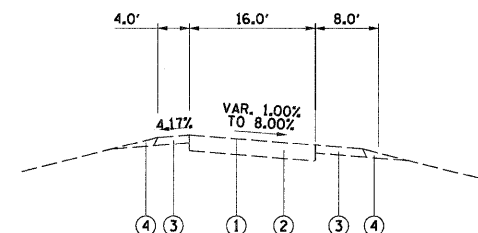
**I-270 EXISTING MAINLINE**

EAST BRIDGE APPROACH / EAST END SECTION  
STA 211+50 TO STA 230+00



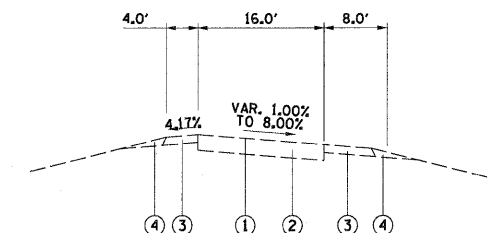
**I-270 EXISTING MAINLINE**

SUPERELEVATED SECTION  
STA 161+16 TO STA 181+06



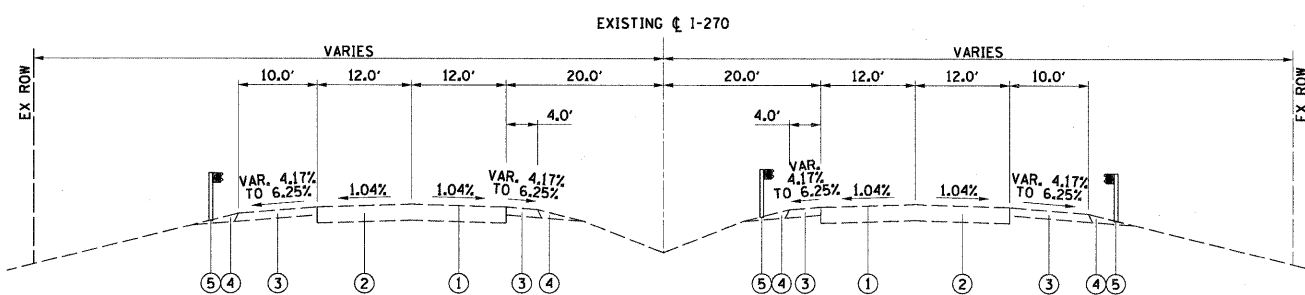
**I-270 EXISTING WB RAMP TO NB IL RT 3**

RAMP E1



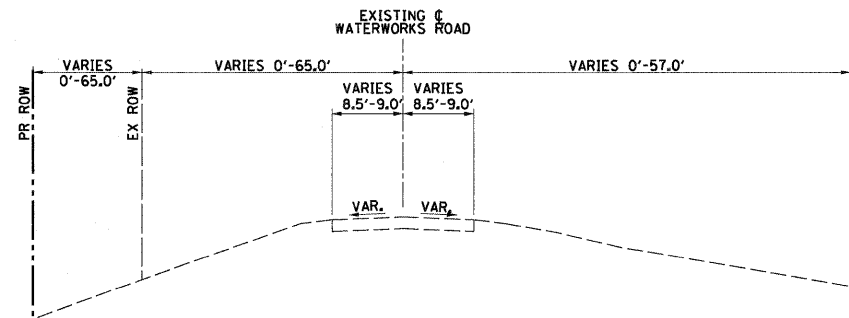
**I-270 EXISTING EB RAMP FROM NB IL RT 3**

RAMP E4

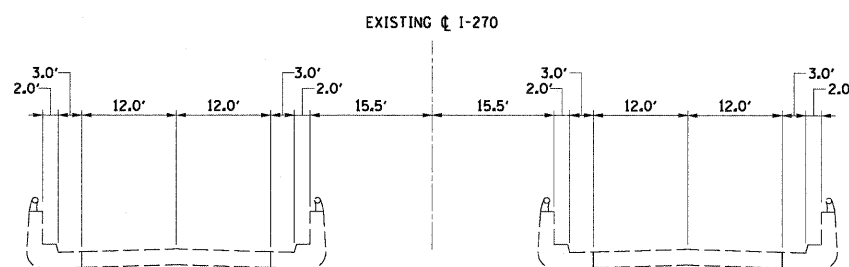


**I-270 EXISTING MAINLINE**

WEST BRIDGE APPROACH SECTION  
STA 181+06 TO STA 191+50



**EXISTING WATERWORKS ROAD**



**I-270 EXISTING MAINLINE**

BRIDGE SECTION  
STA 191+50 TO STA 211+50

**EXISTING LEGEND**

- ① EXIST. HOT-MIX ASPHALT OVERLAY, 5.25"
- ② EXIST. PCC PAVEMENT, 10"
- ③ EXIST. HOT-MIX ASPHALT SHOULDER
- ④ EXIST. AGGREGATE SHOULDER
- ⑤ EXIST. STEEL PLATE BEAM GUARDRAIL
- ⑥ EXIST. CABLE ROAD GUARD

FILE NAME = DB76A91-Sh-Typical101.DGN

USER NAME = molopez  
PLOT SCALE = #SCALE#  
PLOT DATE = 3/17/2011

DESIGNED - SJM  
DRAWN - BAH  
CHECKED - SJM  
DATE - 06-30-10  
REVISED - 12-30-2010  
REVISED -  
REVISED -  
REVISED -

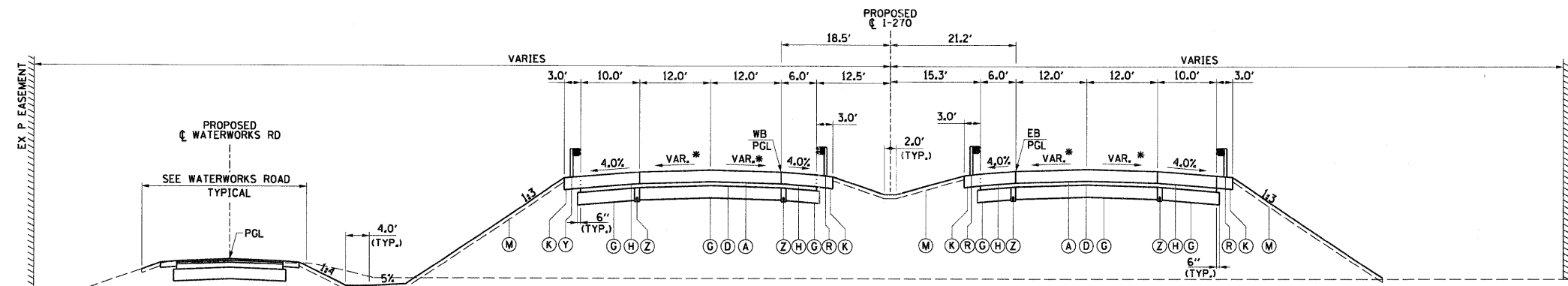
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS  
INTERSTATE 270**

SCALE: SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	15
			CONTRACT NO. 76A91	
ILLINOIS FED. AID PROJECT				

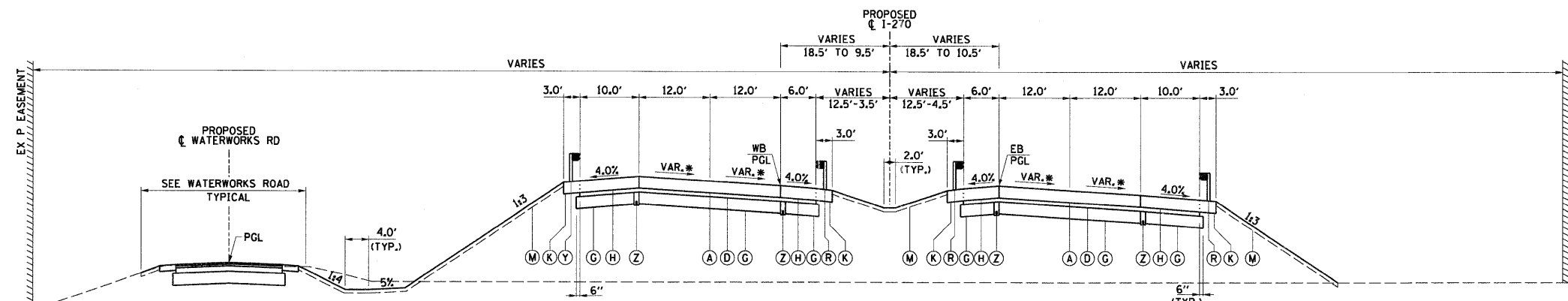




**I-270 PROPOSED MAINLINE**

WEST END SECTION  
STA 1158+00 TO STA 1161+14.45

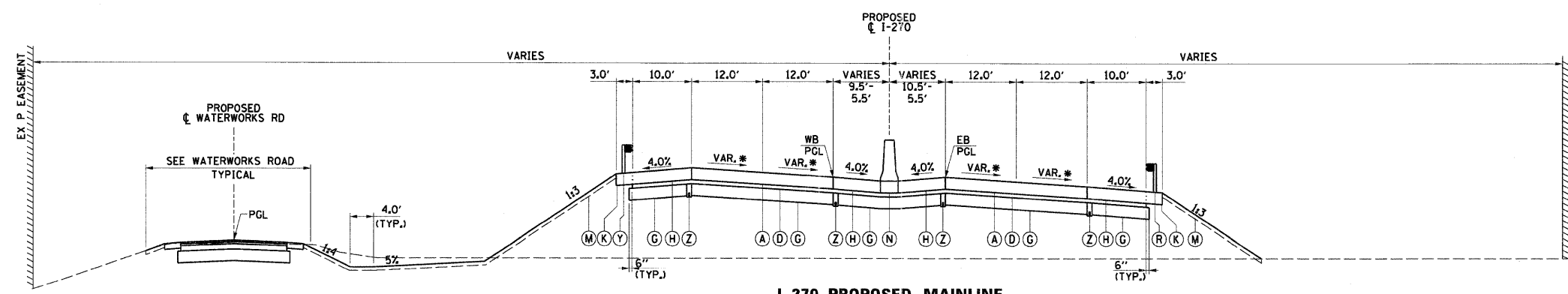
\* SEE SUPERELEVATION TRANSITION DETAILS



**I-270 PROPOSED MAINLINE**

SUPERELEVATED SECTION  
STA 1161+14.45 TO STA 1178+13.50

\* SEE SUPERELEVATION TRANSITION DETAILS



**I-270 PROPOSED MAINLINE**

SUPERELEVATED SECTION  
STA 1178+13.50 TO STA 1185+65.25

\* SEE SUPERELEVATION TRANSITION DETAILS

- PROPOSED LEGEND**
- (A) CONT REINF PCC PVT 12
  - (B) HMA SC "D" N50
  - (C) HMA BC IL-12.5 N50
  - (D) STABILIZED SUBBASE 4"
  - (E) BIT SURF TREAT CL A-3
  - (F) AGG BASE CSE A 8
  - (G) SUB GRAN MAT A 12
  - (H) PCC SHOULDERS 12
  - (I) PCC SHOULDERS 12 SPL
  - (J) HMA SHOULDERS 10 1/2
  - (K) SHLDR STABILIZATION (NOTE 1)
  - (L) AGGREGATE SHLDS A 6
  - (M) TOPSOIL EXC & PLAC
  - (N) CONC BAR 2F 42HT
  - (O) CONC BAR 1F 42HT SPL
  - (P) MECH ST EARTH RET WL
  - (R) SPBGR TY A 6FT POSTS
  - (S) PCC PVT 12 JOINTED
  - (T) HMA PAVT FD 13
  - (V) PROCESS MOD SOIL 12 AND LIME
  - (W) SUB GRAN MAT C
  - (Y) SPBGR TY A 9FT POST
  - (Z) PIPE UNDERDRAINS 4
- NOTE 1) (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER

FILE NAME = 0876A91-Sht-Typica102.DGN

USER NAME = malopez  
PLOT SCALE = \*SCALE\*  
PLOT DATE = 3/17/2011

DESIGNED - SJM  
DRAWN - BAH  
CHECKED - SJM  
DATE - 06-30-10

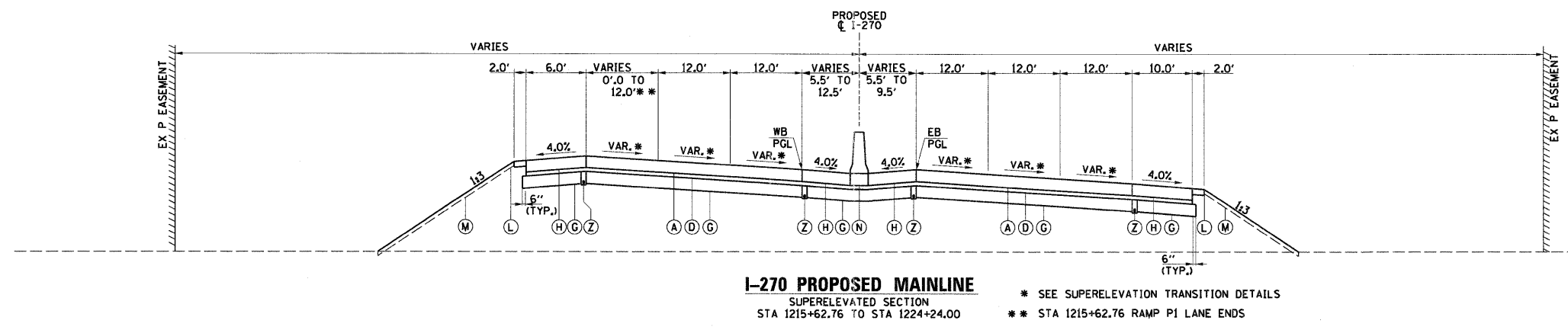
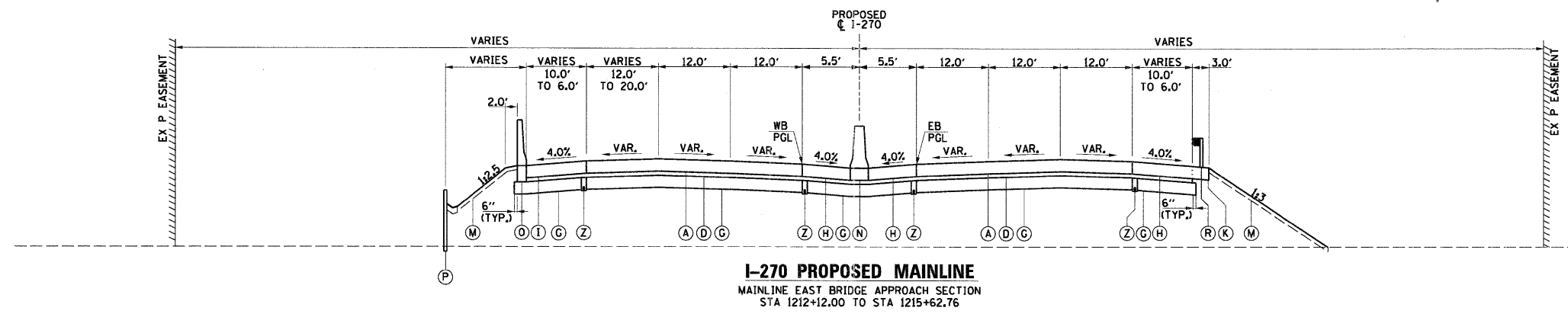
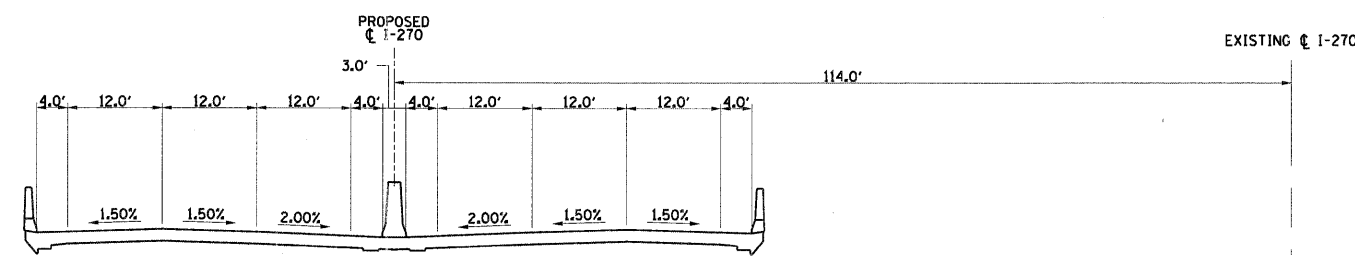
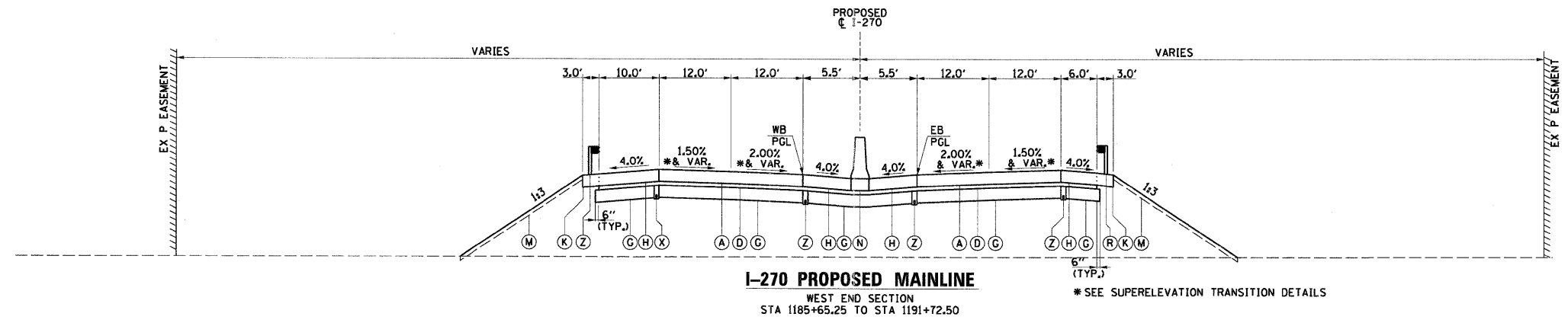
REVISED - 12-30-2010  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS  
INTERSTATE 270**

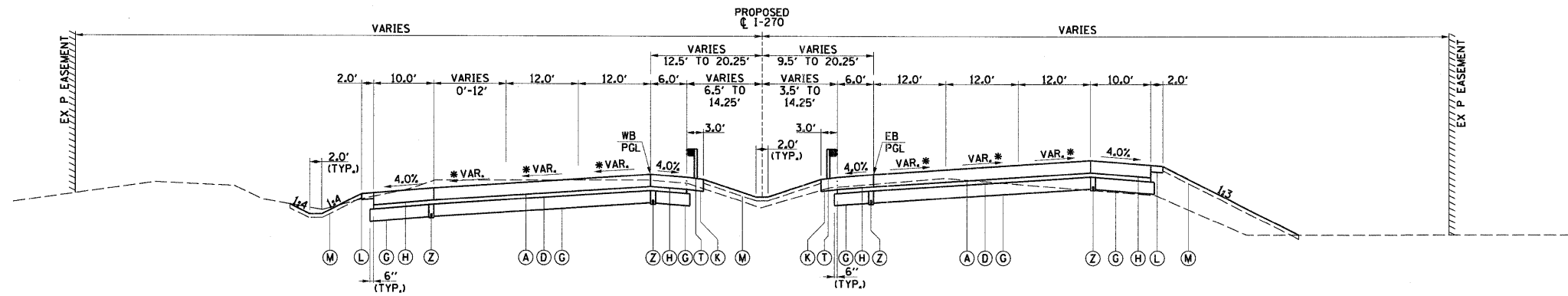
SCALE: SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	16
			CONTRACT NO. 76A91	
ILLINOIS FED. AID PROJECT				



- PROPOSED LEGEND**
- (A) CONT REINF PCC PVT 12
  - (B) HMA SC "D" N50
  - (C) HMA BC IL-12.5 N50
  - (D) STABILIZED SUBBASE 4"
  - (E) BIT SURF TREAT CL A-3
  - (F) AGG BASE CSE A B
  - (G) SUB GRAN MAT A 12
  - (H) PCC SHOULDERS 12
  - (I) PCC SHOULDERS 12 SPL
  - (J) HMA SHOULDERS 10 1/2
  - (K) SHLDR STABILIZATION (NOTE 1)
  - (L) AGGREGATE SHLDS A 6
  - (M) TOPSOIL EXC & PLAC
  - (N) CONC BAR 2F 42HT
  - (O) CONC BAR 1F 42HT SPL
  - (P) MECH ST EARTH RET WL
  - (R) SPBGR TY A 6FT POSTS
  - (S) PCC PVT 12 JOINTED
  - (T) HMA PAVT FD 13
  - (V) PROCESS MOD SOIL 12 AND LIME
  - (W) SUB GRAN MAT C
  - (Y) SPBGR TY A 9FT POST
  - (Z) PIPE UNDERDRAINS 4
- NOTE 1) (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER

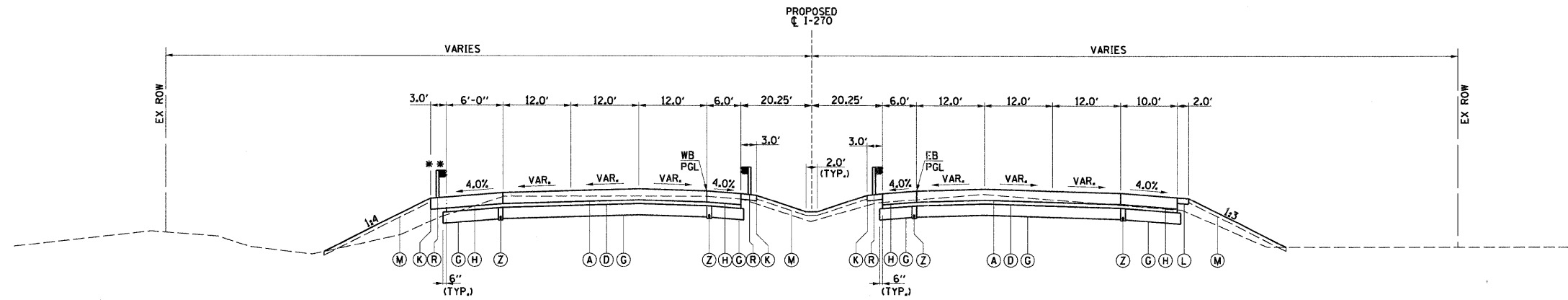
FILE NAME = DB76A91-Sht-Typical183.DGN	USER NAME = malopez	DESIGNED - SJM	REVISED - 12-30-2010	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS INTERSTATE 270</b>		F.A.I. RTE. 270	SECTION 60-IB-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 17
	PLOT SCALE = *SCALE*	DRAWN - BAH	REVISOR -				SCALE:	SHEET NO. 3 OF 5 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	
PLOT DATE = 3/17/2011	CHECKED - SJM	DATE - 06-30-10	REVISOR -	CONTRACT NO. 76A91							



**I-270 PROPOSED MAINLINE**

SUPERELEVATED SECTION  
STA 1224+24.00 TO STA 1228+51.71

\* SEE SUPERELEVATION TRANSITION DETAILS



**I-270 PROPOSED MAINLINE**

EAST END SECTION  
STA 1228+51.71 TO STA 1230+57.00

\*\* (K) (T) STA. 1230+50 TO STA. 1231+90  
(L) (2' WIDE) STA 1228+51.71 TO STA 1230+50.00

**PROPOSED LEGEND**

- (A) CONT REINF PCC PVT 12
  - (B) HMA SC "D" N50
  - (C) HMA BC IL-12.5 N50
  - (D) STABILIZED SUBBASE 4"
  - (E) BIT SURF TREAT CL A-3
  - (F) AGG BASE CSE A 8
  - (G) SUB GRAN MAT A 12
  - (H) PCC SHOULDERS 12
  - (I) PCC SHOULDERS 12 SPL
  - (J) HMA SHOULDERS 10 1/2
  - (K) SHLDR STABILIZATION (NOTE 1)
  - (L) AGGREGATE SHLDS A 6
  - (M) TOPSOIL EXC & PLAC
  - (N) CONC BAR 2F 42HT
  - (O) CONC BAR 1F 42HT SPL
  - (P) MECH ST EARTH RET WL
  - (R) SPBGR TY A 6FT POSTS
  - (S) PCC PVT 12 JOINTED
  - (T) HMA PAVT FD 13
  - (V) PROCESS MOD SOIL 12 AND LIME
  - (W) SUB GRAN MAT C
  - (Y) SPBGR TY A 9FT POST
  - (Z) PIPE UNDERDRAINS 4
- NOTE 1) (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER

FILE NAME =  
DB76A91-Sh-Typical104.DGN

USER NAME = molopez  
PLOT SCALE = \*SCALE\*  
PLOT DATE = 3/17/2011

DESIGNED - SJM  
DRAWN - BAH  
CHECKED - SJM  
DATE - 06-30-10

REVISED - 12-30-2010  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

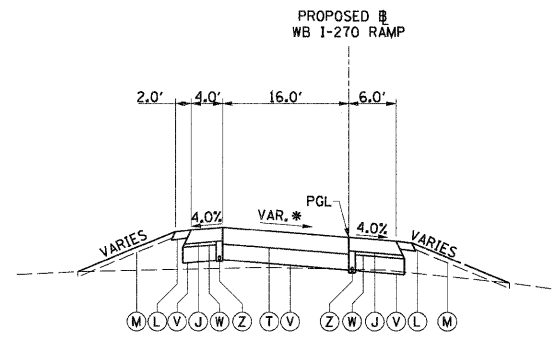
PROPOSED TYPICAL SECTIONS  
INTERSTATE 270

SCALE: SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	18
			CONTRACT NO. 76A91	
[ILLINOIS] FED. AID PROJECT				

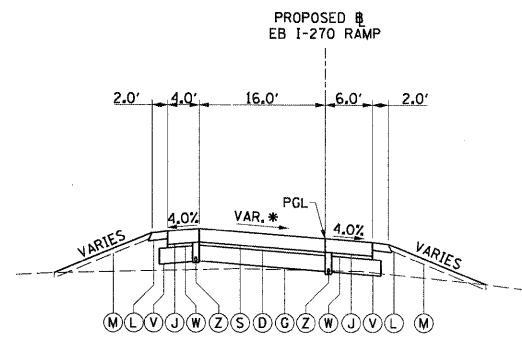
**PROPOSED LEGEND**

- (A) CONT REINF PCC PVT 12
  - (B) HMA SC "D" N50
  - (C) HMA BC IL-12.5 N50
  - (D) STABILIZED SUBBASE 4"
  - (E) BIT SURF TREAT CL A-3
  - (F) AGG BASE CSE A 8
  - (G) SUB GRAN MAT A 12
  - (H) PCC SHOULDERS 12
  - (I) PCC SHOULDERS 12 SPL
  - (J) HMA SHOULDERS 10 1/2
  - (K) SHLDR STABILIZATION (NOTE 1)
  - (L) AGGREGATE SHLDS A 6
  - (M) TOPSOIL EXC & PLAC
  - (N) CONC BAR 2F 42HT
  - (O) CONC BAR 1F 42HT SPL
  - (P) MECH ST EARTH RET WL
  - (R) SPBGR TY A 6FT POSTS
  - (S) PCC PVT 12 JOINTED
  - (T) HMA PAVT FD 13
  - (V) PROCESS MOD SOIL 12 AND LINE
  - (W) SUB GRAN MAT C
  - (Y) SPBGR TY A 9FT POST
  - (Z) PIPE UNDERDRAINS 4
- NOTE 1) (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER



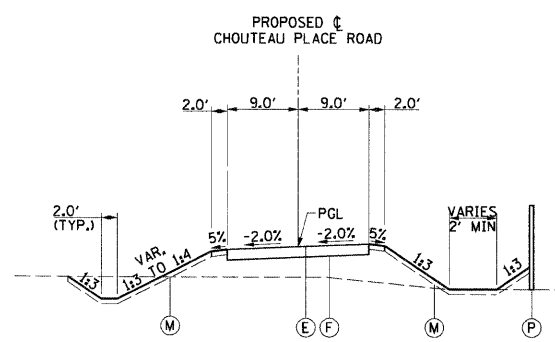
**I-270 PROPOSED WB RAMP FROM SB IL RT 3**

RAMP P1  
STA 21164+24.10 TO STA 21184+00.00  
\*SEE SUPERELEVATION TRANSITION DETAILS



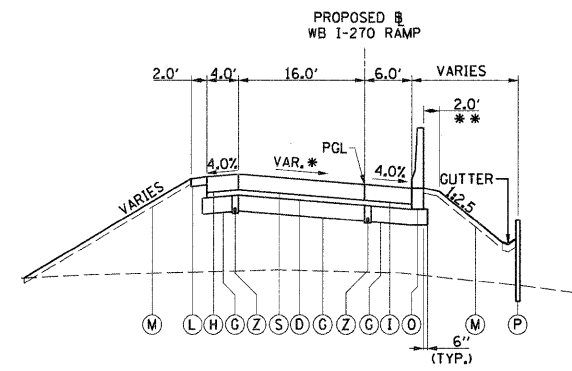
**I-270 PROPOSED EB RAMP TO SB IL RT 3**

RAMP P4  
STA 11217+48.50 TO STA 11226+34.29  
\*SEE SUPERELEVATION TRANSITION DETAILS



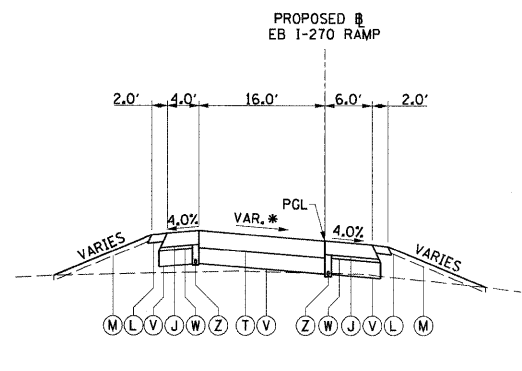
**PROPOSED CHOUTEAU PLACE**

STA 175+00 TO STA 180+82 (CHOUTEAU PLACE ROAD)



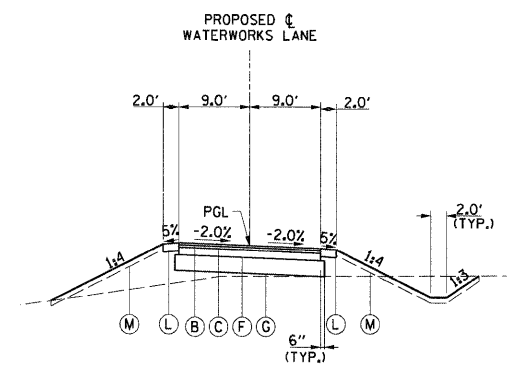
**I-270 PROPOSED WB RAMP FROM SB IL RT 3**

RAMP P1  
STA 21184+00.00 TO STA 21189+81.02  
\*SEE SUPERELEVATION TRANSITION DETAILS  
\*\* (Z) STA. 21178+94.4 TO STA. 21184+03.1



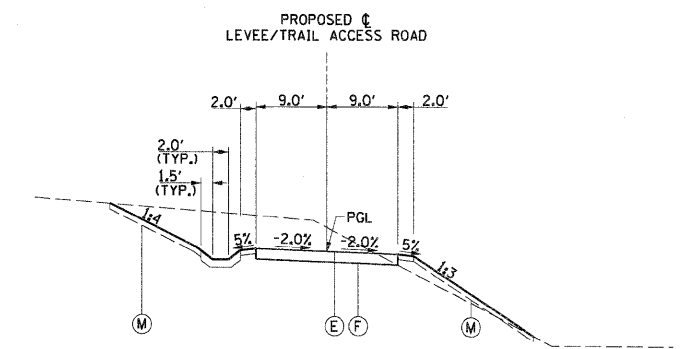
**I-270 PROPOSED EB RAMP TO SB IL RT 3**

RAMP P4  
STA 11226+34.29 TO STA 11233+92.80  
\*SEE SUPERELEVATION TRANSITION DETAILS



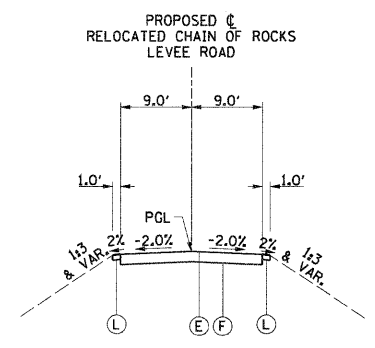
**PROPOSED WATERWORKS ROAD**

STA 1410+00 TO STA 1445+00



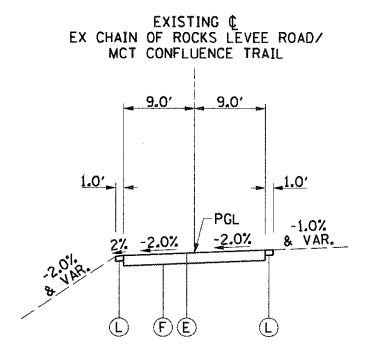
**PROPOSED LEVEE/TRAIL ACCESS ROAD**

STA 253+00 TO STA 260+75 SOUTH ACCESS ROAD



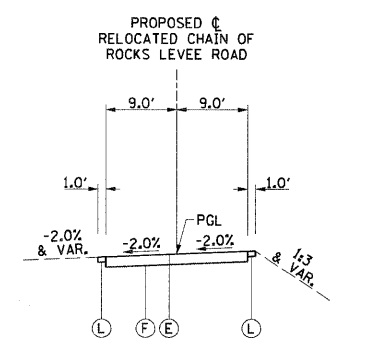
**PROPOSED RELOCATED CHAIN OF ROCKS LEVEE ROAD**

STA 341+02.24 TO STA 346+94.30



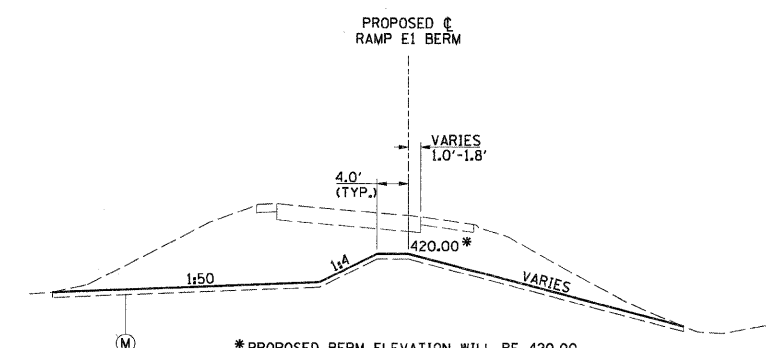
**EX CHAIN OF ROCKS LEVEE ROAD/MCT CONFLUENCE TRAIL**

STA 339+75.12 TO STA 346+90.58



**PROPOSED RELOCATED CHAIN OF ROCKS LEVEE ROAD**

STA 330+50.00 TO STA 341+02.24  
STA 346+90.58 TO STA 349+25.00

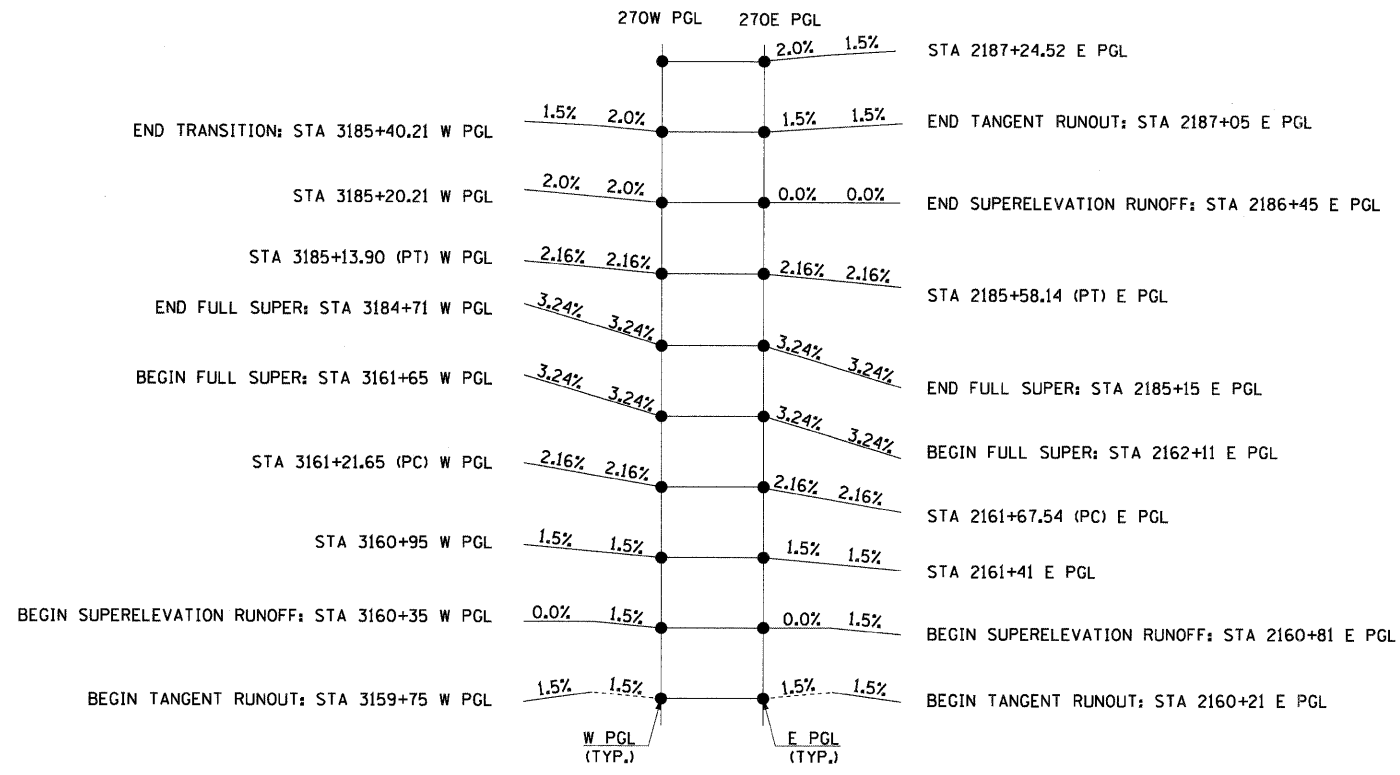


\*PROPOSED BERM ELEVATION WILL BE 420.00 FROM STA. 9+00 TO STA. 17+00 AND 423.00 FROM STA. 17+50 TO 21+00

**PROPOSED RAMP E1 BERM**

STA 9+00.00 TO STA 21+00.00

FILE NAME = D876A91-Sht-Typical05.DGN	USER NAME = sbilven	DESIGNED - SJM	REVISED - 12-30-2010	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS SIDE ROADS AND LEVEE ROADS</b>			F.A.I. RTE. = 270	SECTION = 60-1B-1	COUNTY = MADISON	TOTAL SHEETS = 712	SHEET NO. = 19				
	PLOT SCALE = #SCALE#	CHECKED - SJM	REVISED - 4-20-11					SCALE:	SHEET NO. 5 OF 5 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT					
	PLOT DATE = 4/22/2011	DATE - 06-30-10	REVISED -													

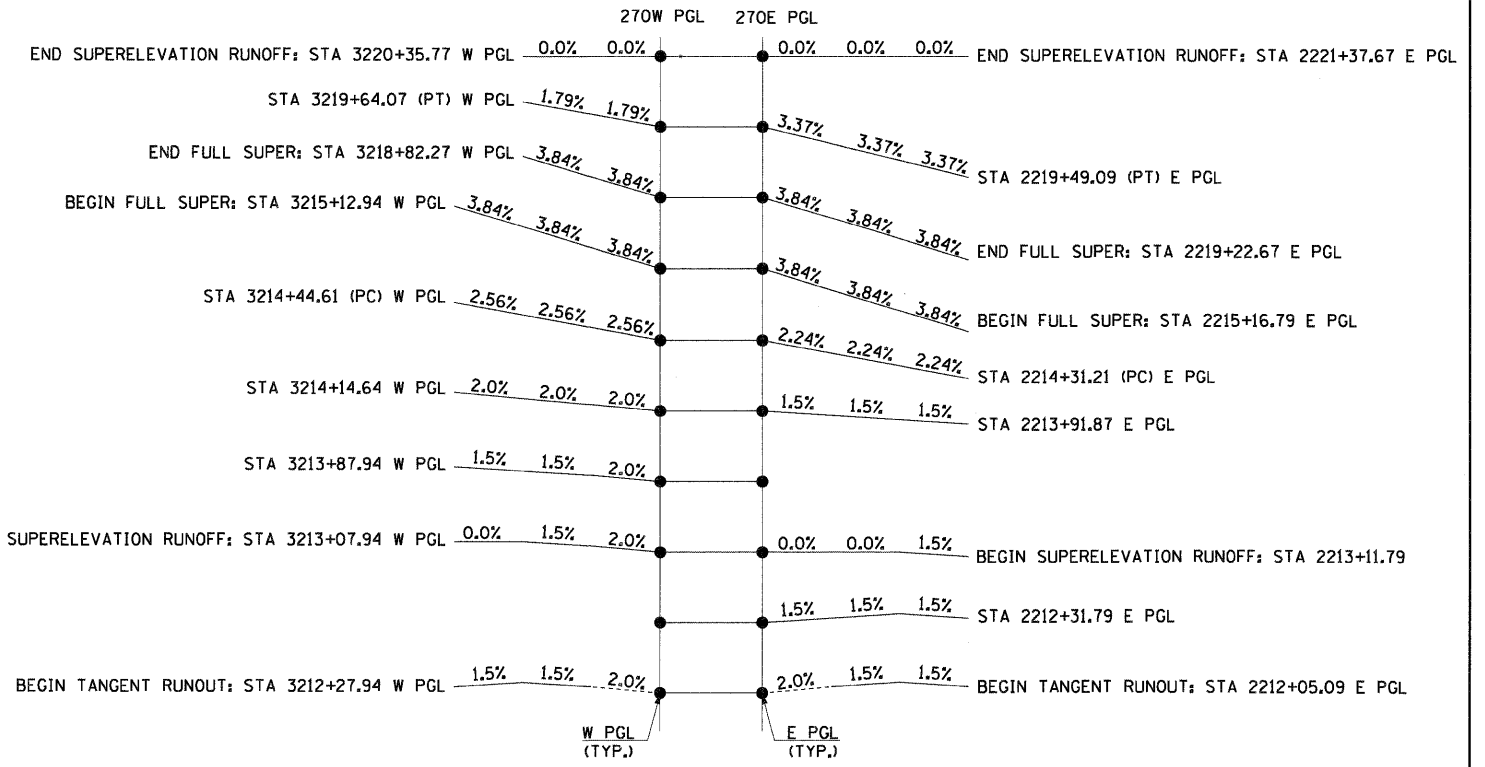


**CURVE PR-270W-1**

e = 3.24%  
T.R. = 60'  
S.E. RUNOFF = 130'  
R = 4605.50'

**CURVE PR-270E-1**

e = 3.24%  
T.R. = 60'  
S.E. RUNOFF = 130'  
R = 4594.50'

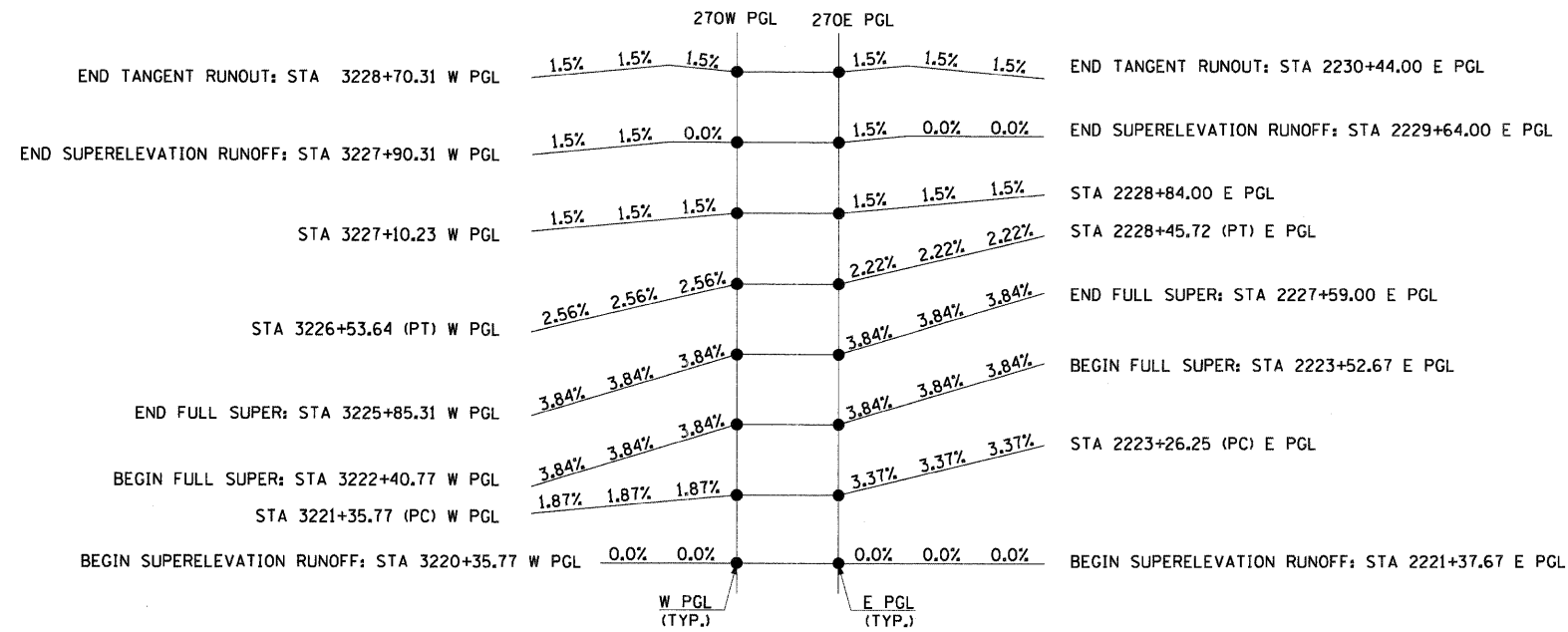


**CURVE PR-270W-2**

e = 3.84%  
T.R. (e PC) = 80'  
T.R. (e PT) = N/A  
S.E. RUNOFF (e PC) = 205' (3 LANES)  
S.E. RUNOFF (e PT) = 153.5' (2 LANES)  
R = 3605.50'

**CURVE PR-270E-2**

e = 3.84%  
T.R. (e PC) = 80'  
T.R. (e PT) = N/A  
S.E. RUNOFF (e PC) = 205'  
S.E. RUNOFF (e PT) = 215'  
R = 3605.50'



**CURVE PR-270W-3**

e = 3.84%  
T.R. = 80'  
S.E. RUNOFF = 205'  
R = 3594.50'

**CURVE PR-270E-3**

e = 3.84%  
T.R. (ePC) = N/A  
T.R. (ePT) = 80'  
S.E. RUNOFF (ePC) = 215'  
S.E. RUNOFF (ePT) = 205'  
R = 3605.50'

FILE NAME =	USER NAME = malepez
DB76A91-Sh1-SUP01.DGN	
PLOT SCALE = #SCALE#	
PLOT DATE = 3/17/2011	

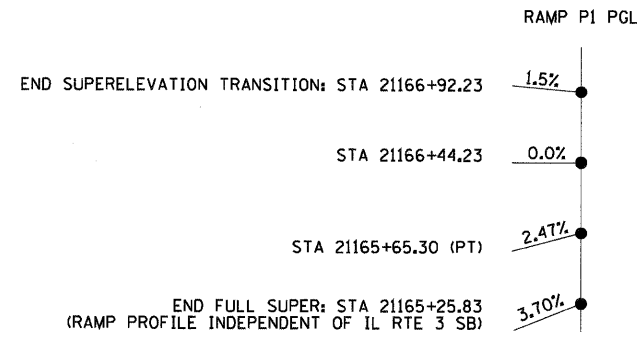
DESIGNED - BH	REVISED - 09-17-10
DRAWN - BAH	REVISED -
CHECKED - SJM	REVISED -
DATE - 09-17-10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

<b>SUPERELEVATION TRANSITION DETAIL</b>			
<b>INTERSTATE 270</b>			
SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.

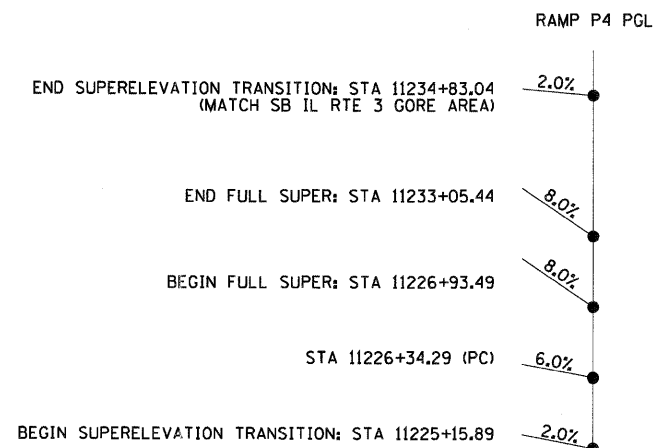
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IB-1	MADISON	712	20
CONTRACT NO. 76A91				
ILLINOIS FED. AID PROJECT				

ILLINOIS FED. AID PROJECT				
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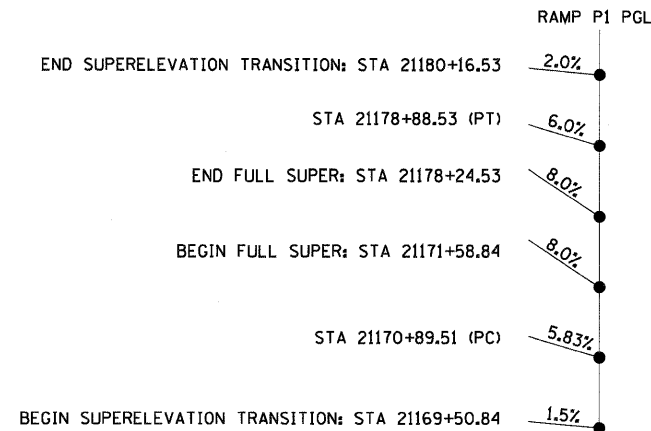
**CURVE PR-P1-1**

e = 3.70%  
 T.R. (@PT) = 48'  
 S.E. RUNOFF (@ PT) = 118.4'  
 R = 3879.75'



**CURVE PR-P4-1**

e = 8.00%  
 S.E. TRANSITION (@ PC) = 177.6'  
 S.E. TRANSITION (@ PT/GORE) = 177.6'  
 R = 600.00'



**CURVE PR-P1-2**

e = 8.00%  
 S.E. TRANSITION (@ PC) = 208'  
 S.E. TRANSITION (@ PT) = 192'  
 R = 820.00'

FILE NAME = 0876A91-Sht-SUP02.DGN	USER NAME = malopez	DESIGNED - BH	REVISED - 09-17-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUPERELEVATION TRANSITION DETAIL INTERSTATE 270</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = *SCALE*	DRAWN - BAH	REVISED -					270	60-1B-1	MADISON	712	21
	PLOT DATE = 3/17/2011	CHECKED - SJM	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
		DATE - 09-17-10	REVISED -								CONTRACT NO. 76A91	

**TREE REMOVAL, ACRES**

STA	TO	STA	OFFSET (L/R)	AREA (SQ FT)	AREA (ACRE)
1166+60.94	TO	1193+67.70	LEFT	336,574	7.727
1168+80.84	TO	1191+29.26	RIGHT	161,041	3.697
			LEFT	42,699	0.980
			MIDDLE	193,776	4.448
			RIGHT	38,565	0.885
			<b>ROUNDING ADJUSTMENT =</b>		<b>0.013</b>
			<b>TOTAL =</b>		<b>17.75</b>

**POROUS GRANULAR EMBANKMENT**

STA	TO	STA	DIRECTION	WIDTH (LF)	AREA (SQ YD)	TOTAL (CU YD)
1212+12.26	TO	1219+00.00	EB	36	2,751	1,834.0
1213+50.00	TO	1217+52.74	EB	12	544	362.7
1212+12.26	TO	1212+72.34	WB	36	240	160.0
1212+72.34	TO	1219+00.00	WB	24	1,674	1,116.0
1212+72.34	TO	1215+62.76	WB	16	516	344.0
1219+00.00	TO	1231+32.00	EB	36	4,928	3,285.3
1219+00.00	TO	1224+42.32	WB	24	1,446	964.0
1224+42.32	TO	1231+57.00	WB	36	2,859	1,906.0
1218+91.92	TO	1224+42.32	WB	7	398	265.3
			<b>TOTAL PRIOR TO ROUNDING =</b>		<b>0.7</b>	
			<b>ROUNDING ADJUST</b>		<b>10,238</b>	

**PROCESSING MODIFIED SOIL 12"**

STA	TO	STA	DIRECTION	WIDTH (LF)	AREA (SQ YD)
21175+00.00	TO	21184+00.00	EB	28	2,817.0
21165+00.00	TO	21175+00.00	EB/SB	28	3,130.0
21156+72.55	TO	21157+42.59	SB	11	86.2
21157+42.59	TO	21158+18.00	SB	11	92.8
21158+18.00	TO	21161+61.90	SB	20	767.3
21161+61.90	TO	21164+24.10	SB	23	672.4
21164+24.10	TO	21165+00.00	SB	28	237.6
21161+61.90	TO	21164+24.10	SB	13	386.0
11226+34.29	TO	11230+00.00	EB	28	1,144.7
11230+00.00	TO	11234+83.33	EB	28	1,512.8
11233+93.69	TO	11234+83.33	EB	23	229.9
11233+93.69	TO	11234+83.33	EB/SB	11	109.6
11234+83.33	TO	11235+57.51	SB	26	215.3
11235+57.51	TO	11239+28.39	SB	18	745.5
11239+28.39	TO	11240+07.74	SB	11	97.9
11240+07.74	TO	11240+24.42	SB	11	20.6
			<b>ROUNDING ADJUSTMENT =</b>		<b>0.4</b>
			<b>TOTAL =</b>		<b>12,266</b>

**REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL**

STA	TO	STA	DIRECTION	WIDTH (LF)	AREA (SQ YD)	VOLUME (CU YD)
1212+12.26	TO	1219+00.00	EB	36.00	2,751	1,834.0
1213+50.00	TO	1217+52.74	EB	12.17	544	362.7
1212+12.26	TO	1212+72.34	WB	36.00	240	160.0
1212+72.34	TO	1219+00.00	WB	24.00	1,674	1,116.0
1212+72.34	TO	1215+62.76	WB	16.00	516	344.0
1219+00.00	TO	1231+32.00	EB	36.00	4,928	3,285.3
1219+00.00	TO	1224+42.32	WB	24.00	1,446	964.0
1224+42.32	TO	1231+57.00	WB	36.00	2,859	1,906.0
1218+91.92	TO	1224+42.32	WB	6.50	398	265.3
			<b>ROUNDING ADJUSTMENT =</b>		<b>0.7</b>	
			<b>TOTAL =</b>		<b>10,238</b>	

**SUBBASE GRANULAR MATERIAL, TYPE A 12"**

STA	TO	STA	DIRECTION	WIDTH (LF)	AREA (SQ YD)
1158+00.00	TO	1164+00.00	EB	41.00	2,733.3
1158+00.00	TO	1164+00.00	WB	41.00	2,733.3
1164+00.00	TO	1177+00.00	EB	41.00	5,922.2
1164+00.00	TO	1177+00.00	WB	41.00	5,922.2
1410+00.00	TO	1420+00.00	0.00	19.00	2,111.1
1412+53.32	TO	1413+25.24	0.00	0.00	84.0
1177+00.00	TO	1178+13.51	EB	41.00	517.1
1178+13.51	TO	1185+65.28	EB	42.53	3,552.1
1185+65.28	TO	1190+00.00	EB	40.00	1,932.1
1177+00.00	TO	1178+13.51	WB	41.00	517.1
1178+13.51	TO	1185+33.62	WB	42.00	3,360.5
1185+33.62	TO	1190+00.00	WB	40.00	2,072.8
1420+00.00	TO	1433+50.00	0.00	19.00	2,850.0
1421+49.71	TO	1422+14.27	0.00	0.00	93.0
1433+25.27	TO	1433+50.00	0.00	0.00	20.0

STA	TO	STA	DIRECTION	WIDTH (LF)	AREA (SQ YD)
1190+00.00	TO	1191+30.00	EB	43.00	621.1
1191+30.00	TO	1191+72.51	EB	46.00	217.3
1190+00.00	TO	1191+30.00	WB	43.00	621.1
1191+30.00	TO	1191+72.51	WB	46.00	217.3
1433+50.00	TO	1433+79.25	0.00	19.00	61.8
1433+50.00	TO	1445+00.00	0.00	19.00	2,427.8
1212+12.26	TO	1212+93.61	EB	46.00	415.8
1212+93.61	TO	1217+53.61	EB	58.25	2,977.2
1217+53.61	TO	1219+00.00	EB	41.50	675.0
11217+48.46	TO	11219+00.00	EB	22.50	378.9
11217+48.46	TO	11219+00.00	EB	10.15	170.9
1212+12.26	TO	1212+72.34	WB	48.58	324.3
1212+72.34	TO	1215+62.76	WB	53.59	1,729.3
1215+62.76	TO	1217+18.47	WB	30.00	519.0
1217+18.47	TO	1219+00.00	WB	40.00	805.8
21186+50.00	TO	21188+23.17	WB	28.08	540.3
21188+23.17	TO	21189+81.02	WB	24.08	422.3
21188+23.17	TO	21189+81.02	WB	10.05	176.3
1219+00.00	TO	1221+47.59	EB	41.50	1,141.7
1221+47.59	TO	1222+31.38	EB	52.00	484.1
1222+31.38	TO	1224+24.30	EB	54.02	1,157.9
1224+24.30	TO	1225+50.00	EB	53.00	740.2
1225+50.00	TO	1227+00.00	EB	55.00	916.7
1227+00.00	TO	1230+00.00	EB	57.00	1,900.0
1230+00.00	TO	1230+50.00	EB	58.00	322.2
1230+50.00	TO	1231+32.00	EB	59.00	537.6
11219+00.00	TO	11221+39.27	EB	17.25	458.6
11219+00.00	TO	11221+39.27	EB	22.50	598.2
11221+39.27	TO	11226+34.29	EB	27.00	1,485.1
1219+00.00	TO	1220+16.58	WB	40.00	518.1
1220+16.58	TO	1221+28.66	WB	41.25	513.7
1221+28.66	TO	1224+26.00	WB	48.80	1,612.2
1224+26.00	TO	1226+48.24	WB	55.00	1,358.1
1226+48.24	TO	1231+57.00	WB	57.00	3,222.1
21184+00.00	TO	21186+50.00	WB	27.58	766.1
1154+00.00	TO	1155+86.00	WB	8.50	175.7
1154+00.00	TO	1155+86.00	EB	8.50	175.7
1156+21.00	TO	1158+00.00	WB	6.50	129.3
1156+21.00	TO	1158+00.00	EB	6.50	129.3

STA	TO	STA	DIRECTION	WIDTH (LF)	AREA (SQ YD)
149+00.00	TO	154+00.00	EX 270 WB	6.50	361.1
150+00.00	TO	154+00.00	EX 270 EB	6.50	288.9
150+00.00	TO	158+00.00	EX 270 EB	10.50	933.3
1353+00.00	TO	1356+25.00	NB	6.50	234.7
1352+50.00	TO	1353+25.00	NB	10.50	87.5
120+64.88	TO	122+25.00	EX 270 WB	10.50	186.8
120+64.88	TO	121+82.68	EX 270 EB	10.50	137.4
			<b>ROUNDING ADJUSTMENT =</b>		<b>0.4</b>
			<b>TOTAL =</b>		<b>68,296</b>

**SUBBASE GRANULAR MATERIAL, TYPE C**

STA	TO	STA	DIRECTION	WIDTH (LF)	AREA (SQ YD)	WEIGHT (TON)
11226+34.29	TO	11230+00.00	EB/SB	7.08	288	43
11226+34.29	TO	11230+00.00	EB/SB	5.08	207	31.1
11230+00.00	TO	11239+28.37	EB/SB	7.08	731	109.7
11239+28.37	TO	11240+24.42	SB	9.08	97	14.6
11230+00.00	TO	11233+93.69	SB	5.08	223	33.5
21175+00.00	TO	21184+00.00	WB/SB	7.08	708	106.2
21175+00.00	TO	21184+00.00	WB/SB	5.08	508	76.2
21165+00.00	TO	21175+00.00	WB/SB	7.08	787	118.1
21165+00.00	TO	21175+00.00	WB/SB	5.08	565	84.8
21156+72.55	TO	21157+42.59	SB	11.08	87	13.1
21157+42.59	TO	21158+18.00	SB	9.08	77	11.6
21158+18.00	TO	21165+00.00	SB	7.08	537	80.6
21164+24.10	TO	21165+00.00	SB	5.08	43	6.5

**SUBTOTAL = 729.2**  
**ADD 8% TO TONNAGE = 59.0**  
**ROUNDING ADJUSTMENT = 0.8**  
**TOTAL = 789**

**SUBBASE GRANULAR MATERIAL, TYPE A**

STA	TO	STA	AREA (SQ FT)	TOTAL (SQ YD)
149+98.00	TO	150+00.00	8.2	0.6
150+00.00	TO	155+00.00	8.2	151.9
155+00.00	TO	155+02.00	8.2	0.6
173+28.00	TO	173+30.00	8.2	0.6
173+30.00	TO	177+33.00	8.2	122.4
177+33.00	TO	177+35.00	8.2	0.6

**ROUNDING ADJUSTMENT = 0.3**  
**TOTAL = 277**

**INLET FILTERS**

STA	OFFSET	SIDE	EACH
1160+00.00	0.00	MEDIAN	1
1170+00.00	0.00	MEDIAN	1
1178+20.00	0.00	MEDIAN	2
1180+00.00	0.00	MEDIAN	2
1182+00.00	0.00	MEDIAN	2
1184+00.00	0.00	MEDIAN	2
1186+00.00	0.00	MEDIAN	2
1188+00.00	0.00	MEDIAN	2
1190+00.00	0.00	MEDIAN	2
1214+00.00	0.00	MEDIAN	2
1216+00.00	0.00	MEDIAN	2
1218+00.00	0.00	MEDIAN	2
21191+50.00	6.00	RIGHT	1
21189+00.00	6.00	RIGHT	1
21186+50.00	6.00	RIGHT	1
21184+00.00	27.52	RIGHT	1
1220+00.00	0.00	MEDIAN	2
1222+00.00	0.00	MEDIAN	2
1226+28.70	2.60	MEDIAN	1
1230+92.50	1.10	MEDIAN	1
		<b>TOTAL =</b>	<b>32</b>

AGGREGATE BASE COURSE, TYPE A 8"

STA	TO	STA	DIRECTION	WIDTH (LF)	AREA (SQ YD)
1410+00.00	TO	1420+00.00		19	2,064.4
1412+53.32	TO	1413+25.24			85.0
1420+00.00	TO	1433+50.00		19	2,787.0
1421+49.71	TO	1422+14.27			95.0
1433+25.27	TO	1433+50.00			22.0
1433+50.00	TO	1433+79.25			32.0
1433+50.00	TO	1445+00.00		19	2,374.1
140+25.00	TO	149+00.00		18	1,750.0
				18	1,660.0
149+00.00	TO	157+68.46		18	1,736.9
50+46.22	TO	55+33.07		18	973.7
175+41.51	TO	180+82.50		18	1,082.0
PROP CHOUTEAU					99.0
PROP LEVEE					202.0
PROP LEVEE					201.0

ROUNDING ADJUSTMENT = 0.90  
TOTAL = 15,165

BITUMINOUS MATERIALS (PRIME COAT)

STA	TO	STA	AVG WIDTH (LF)	AREA (SQ YD)	TOTAL (GALLON)
140+25.00	TO	149+00.00	20.00	1,944.4	972.2
LEVEE / CHOUTEAU TIE IN			20.00	1,844.4	922.2
149+00.00	TO	157+68.46	20.00	1,929.9	965.0
50+46.22	TO	55+33.07	20.00	1,081.9	541.0
175+41.51			20.00	1,202.2	601.1
PR CHOUTEAU				118.0	59.0
EX / PROP LEVEE (S)				233.0	117.0
EX / PROP LEVEE (N)				233.0	117.0

ROUNDING ADJUSTMENT = 0.5  
TOTAL = 4,295

BITUMINOUS MATERIALS (COVER AND SEAL COATS)

STA	TO	STA	LENGTH (LF)	WIDTH (LF)	AREA (SQ YD)	TOTAL (GALLON)
140+25.00	TO	149+00.00	875.00	18.00	1,750.0	1,750.0
LEVEE / CHOUTEAU TIE IN			830.00	18.00	1,660.0	1,660.0
149+00.00	TO	157+68.46	868.46	18.00	1,736.9	1,736.9
50+46.22	TO	55+33.07	486.85	18.00	973.7	973.7
175+41.51	TO	180+82.50	540.99	18.00	1,082.0	1,082.0
PR CHOUTEAU					99.0	99.0
EX / PROP LEVEE (S)					202.0	202.0
EX / PROP LEVEE (N)					201.0	201.0

ROUNDING ADJUSTMENT = 0.4  
TOTAL = 7,705

FILTER FABRIC

LOCATIONS	TOTAL (SQ YD)
BRIDGE PLANS	1,602.0
DRAINAGE PLANS	43.0
EROSION CONTROL PLANS	2,713.0

TOTAL = 4,358

COVER COAT AGGREGATE

STA	TO	STA	AVG WIDTH (LF)	AREA (SQ YD)	TOTAL (TONS)
140+25.00	TO	149+00.00	18.00	1,750.0	22.8
			18.00	1,660.0	21.6
149+00.00	TO	157+68.46	18.00	1,736.9	22.6
50+46.22	TO	55+33.07	18.00	973.7	12.7
175+41.51	TO	180+82.50	18.00	1,082.0	14.1
PR CHOUTEAU				99.0	2.0
EX / PROP LEVEE (S)				202.0	3.0
EX / PROP LEVEE (N)				201.0	3.0

ROUNDING ADJUSTMENT = 0.2  
TOTAL = 102

SEAL COAT AGGREGATE

STA	TO	STA	AVG WIDTH (LF)	AREA (SQ YD)	TOTAL (TONS)
140+25.00	TO	149+00.00	18.00	1,750.0	22.8
LEVEE / CHOUTEAU TIE IN			18.00	1,660.0	21.6
149+00.00	TO	157+68.46	18.00	1,736.9	22.6
50+46.22	TO	55+33.07	18.00	973.7	12.7
175+41.51	TO	180+82.50	18.00	1,082.0	14.1
PR CHOUTEAU				99.0	2.0
EX / PROP LEVEE (S)				202.0	3.0
EX / PROP LEVEE (N)				201.0	3.0

ROUNDING ADJUSTMENT = 0.2  
TOTAL = 102

BITUMINOUS MATERIALS (PRIME COAT)

STA	TO	STA	AVG WIDTH (LF)	AREA (SQ YD)	TOTAL (GALLONS)
1410+00.00	TO	1420+00.00	18.58	2,064.4	1,032.2
1412+53.32	TO	1413+25.24	0.00	85.0	42.5
1420+00.00	TO	1433+50.00	18.58	2,787.0	1,393.5
1421+49.71	TO	1422+14.27	0.00	95.0	47.5
1433+25.27	TO	1433+50.00	0.00	22.0	11.0
1433+50.00	TO	1433+79.25	0.00	32.0	16.0
1433+50.00	TO	1445+00.00	18.58	2,374.1	1,187.1

ROUNDING ADJUSTMENT = 0.2  
TOTAL = 3,730

AGGREGATE (PRIME COAT)

STA	TO	STA	AVG WIDTH (LF)	AREA (SQ YD)	TOTAL (TON)
1410+00.00	TO	1420+00.00	18.58	2,064.4	6.2
1412+53.32	TO	1413+25.24		85.0	0.3
1420+00.00	TO	1433+50.00	18.58	2,787.0	8.4
1421+49.71	TO	1422+14.27		95.0	0.3
1433+25.27	TO	1433+50.00		22.0	0.1
1433+50.00	TO	1433+79.25		32.0	0.1
1433+50.00	TO	1445+00.00	18.58	2,374.1	7.1

ROUNDING ADJUSTMENT = 0.8  
TOTAL = 23

HOT-MIX ASPHALT BINDER COURSE, IL-12.5, N50

STA	TO	STA	WIDTH (LF)	AREA (SQ YD)	TOTAL (TON)
1410+00.00	TO	1420+00.00	18	2046.3	229.2
1412+53.32	TO	1413+25.24		85.0	9.5
1420+00.00	TO	1433+50.00	18	2762.5	309.4
1421+49.71	TO	1422+14.27		95.0	10.6
1433+25.27	TO	1433+50.00		22.0	2.5
1433+50.00	TO	1433+79.25		32.0	3.6
1433+50.00	TO	1445+00.00	18	2353.2	263.6
300+00.00	TO	306+50.00	MOT VAR	CY	1708.9

SUB-TOTAL = 2537.3  
ADD 3% TO TONNAGE = 76.1  
ROUNDING ADJUSTMENT = 0.6  
TOTAL = 2614.0

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50

STA	TO	STA	AVG WIDTH (LF)	AREA (SQ YD)	TOTAL (TON)
1410+00.00	TO	1420+00.00	18.13	2,014	169
1412+53.32	TO	1413+25.24		85	7
1420+00.00	TO	1433+50.00	18.13	2,719	228
1421+49.71	TO	1422+14.27		95	8
1433+25.27	TO	1433+50.00		22	2
1433+50.00	TO	1433+79.25		32	3
1433+50.00	TO	1445+00.00	18.13	2,316	195

SUB-TOTAL = 612  
ADD 3% TO TONNAGE = 18  
TOTAL = 630

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13"

STA	TO	STA	DIRECTION	AVG WIDTH (LF)	AREA (SQ YD)
21175+00.00	TO	21184+00.00	EB	16.00	1,600.0
21165+00.00	TO	21175+00.00	EB/SB	16.00	1,777.8
21161+61.90	TO	21164+24.10	SB	13.25	386.0
21157+42.59	TO	21161+61.90	SB	11.25	524.1
21161+61.90	TO	21165+00.00	SB	16.00	601.1
11226+34.29	TO	11230+00.00	EB	16.00	650.2
11230+00.00	TO	11234+83.33	EB	16.00	859.3
11233+93.69	TO	11234+83.33	EB/SB	11.00	109.6
11234+83.33	TO	11240+07.74	EB	11.00	640.9

ROUNDING ADJUSTMENT = 0.0  
TOTAL = 7,149

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"

STA	TO	STA	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA* (SQ YD)
<b>MOT PRESTAGE</b>						
150+00.00	TO	177+00.00	EX EB 270	2,700.00	VAR.	9,545.8
14+42.71	TO	18+07.18	EX EB 270	364.47	VAR.	625.8
<b>MOT STAGE 1</b>						
149+00.00	TO	157+63.19	X EB/WB 27	863.19	VAR.	2,423.7
171+00.00	TO	181+00.00	X EB/WB 27	1,000.00	VAR.	1,944.7
<b>MOT STAGE 2</b>						
21176+85.77	TO	21182+78.38	RAMP P1	592.61	VAR.	1,309.6
1223+66.78	TO	1231+31.94	I-270 EB	765.16	VAR.	2,108.2
21167+91.07	TO	21169+16.75	RAMP P1	125.68	VAR.	310.1
1353+00.00	TO	1356+25.00	IL-RT 3	325.00	VAR.	519.1
<b>MOT STAGE 3</b>						
1218+75.85	TO	1222+74.73	I-270 EB	398.88	VAR.	556.2
<b>MOT STAGE 3A</b>						
1219+57.00	TO	1231+57.00	I-270 WB	1,200.00	VAR.	1,852.8
<b>MOT STAGE 4</b>						
1224+24.32	TO	1231+56.36	I-270 EB/WB	732.04	VAR.	1,074.3

SUBTOTAL = 22,270.3  
5% CONTINGENCY = 1,114.0  
ROUNDING ADJUSTMENT = 0.7  
TOTAL = 23,385

PORTLAND CEMENT CONCRETE PAVEMENT 12"(JOINTED)

STA	TO	STA	DIRECTION	AVG WIDTH	AREA (SQ YD)
21188+23.17	TO	21189+81.02	WB	10.00	175.4
21186+50.00	TO	21189+81.02	WB	16.00	588.5
21184+00.00	TO	21186+50.00	WB	16.00	444.4
11217+48.46	TO	11219+00.00	EB	16.00	269.4
11217+48.46	TO	11221+39.27	EB	14.50	629.6
11219+00.00	TO	11226+34.29	EB	16.00	1305.4

ROUNDING ADJUSTMENT = 0.3  
TOTAL = 3,413

PROTECTIVE COAT

STA	TO	STA	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SQ YD)
<b>I-270 (PCC JOINTED, 12")</b>						
21188+23.17	TO	21189+81.02	WB	10.00	157.85	350.8
21186+50.00	TO	21189+81.02	WB	16.00	331.02	1,177.0
21184+00.00	TO	21186+50.00	WB	16.00	250.00	888.9
11217+48.46	TO	11219+00.00	EB	16.00	151.54	538.8
11217+48.46	TO	11221+39.27	EB	14.50	390.81	1,259.3
11219+00.00	TO	11226+34.29	EB	16.00	734.29	2,610.8

I-270 (MEDIAN 42" DBL. FACED BARRIER)

1178+13.00	TO	1191+73.00	Median	8.88	1,360.00	2,683.7
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BRIDGE OMMISION

1212+12.00	TO	1224+25.00	Median	8.88	1,213.00	2,393.7
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I-270 (42" SINGLE FACED BARRIER (SPECIAL))

21184+00.00	TO	21193+32.40		4.52	930.40	934.3
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ROUNDING ADJUSTMENT = 0.7  
TOTAL = 12,838

CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 12"

STA	TO	STA	DIRECTION	AVG WIDTH (LF)	AREA (SQ YD)
1158+00.00	TO	1164+00.00	EB	24.00	1,600.0
1158+00.00	TO	1164+00.00	WB	24.00	1,600.0
1164+00.00	TO	1177+00.00	EB	24.00	3,466.7
1164+00.00	TO	1177+00.00	WB	24.00	3,466.7
1177+00.00	TO	1190+00.00	EB	24.00	3,466.7
1177+00.00	TO	1190+00.00	WB	24.00	3,466.7
1190+00.00	TO	1191+72.50	EB	24.00	460.0
1190+00.00	TO	1191+72.50	WB	24.00	460.0

1212+12.00	TO	1219+00.00	EB	36.00	2752.0
1213+42.94	TO	1217+53.61	EB	12.17	555.1
1212+12.00	TO	1212+72.34	WB	36.00	241.4
1212+72.34	TO	1219+00.00	WB	24.00	1673.8
1212+72.34	TO	1215+62.77	WB	16.00	516.3
1219+00.00	TO	1231+32.00	EB	36.00	4928.0
1219+00.00	TO	1224+42.32	WB	24.00	1446.2
1224+42.32	TO	1231+57.00	WB	36.00	2858.7
1218+92.99	TO	1224+42.32	WB	7.25	442



PAVEMENT REINFORCEMENT

STA	TO	STA	DIRECTION	AVG WIDTH (LF)	AREA (SQ YD)
1158+00.00	TO	1164+00.00	EB	24.00	1,600.0
1158+00.00	TO	1164+00.00	WB	24.00	1,600.0
1164+00.00	TO	1177+00.00	EB	24.00	3,466.7
1164+00.00	TO	1177+00.00	WB	24.00	3,466.7
1177+00.00	TO	1190+00.00	EB	24.00	3,466.7
1177+00.00	TO	1190+00.00	WB	24.00	3,466.7
1190+00.00	TO	1191+72.50	EB	24.00	460.0
1190+00.00	TO	1191+72.50	WB	24.00	460.0
1212+12.00	TO	1219+00.00	EB	36.00	2,752.0
1213+42.94	TO	1217+53.61	EB	12.17	555.1
1212+12.00	TO	1212+72.34	WB	36.00	241.4
1212+72.34	TO	1219+00.00	WB	24.00	1,673.8
1212+72.34	TO	1215+62.77	WB	16.00	516.3
1219+00.00	TO	1231+32.00	EB	36.00	4,928.0
1219+00.00	TO	1224+42.32	WB	24.00	1,446.2
1224+42.32	TO	1231+57.00	WB	36.00	2,858.7
1218+92.99	TO	1224+42.32	WB	7.25	442.5
ROUNDING ADJUSTMENT =				0.2	
TOTAL =				33,401	

WIDE FLANGE BEAM TERMINAL JOINT COMPLETE 24'

STA	TO	STA	DIRECTION	QTY (EACH)
1157+95.00	TO	1158+05.00	EB	1
1157+95.00	TO	1158+05.00	WB	1
1190+67.57	TO	1190+77.57	EB	1
1190+67.57	TO	1190+77.57	WB	1
TOTAL =				4

WIDE FLANGE BEAM TERMINAL JOINT COMPLETE 36'

STA	TO	STA	DIRECTION	QTY (EACH)
1212+07.26	TO	1212+17.26	EB	1
1212+07.26	TO	1212+17.26	WB	1
1231+52.00	TO	1231+62.00	EB	1
1231+27.00	TO	1231+37.00	WB	1
TOTAL =				4

PROTECTIVE COAT

STA	TO	STA	DIRECTION	AVG WIDTH (LF)	AREA (SQ YD)
1158+00.00	TO	1164+00.00	EB	24.00	3,200.0
1158+00.00	TO	1164+00.00	WB	24.00	3,200.0
1164+00.00	TO	1177+00.00	EB	24.00	6,933.3
1164+00.00	TO	1177+00.00	WB	24.00	6,933.3
1177+00.00	TO	1190+00.00	EB	24.00	6,933.3
1177+00.00	TO	1190+00.00	WB	24.00	6,933.3
1190+00.00	TO	1191+72.51	EB	24.00	920.1
1190+00.00	TO	1191+72.51	WB	24.00	920.1
1212+12.26	TO	1219+00.00	EB	36.00	5,501.9
1213+42.94	TO	1217+52.74	EB	12.17	1,108.0
1212+12.26	TO	1212+72.34	WB	36.00	480.6
1212+72.34	TO	1219+00.00	WB	24.00	3,347.5
1212+72.34	TO	1215+62.76	WB	16.00	1,032.6
1219+00.00	TO	1231+32.00	EB	36.00	9,856.0
1219+00.00	TO	1224+42.32	WB	24.00	2,892.4
1224+42.32	TO	1231+57.00	WB	36.00	5,717.4
1218+91.92	TO	1224+42.32	WB	7.25	886.8
ROUNDING ADJUSTMENT =				0.4	
TOTAL =				66,797	

PAVEMENT REMOVAL

STA	TO	STA	DIRECTION	WIDTH (LF)	AREA (SQ YD)
154+00.00	TO	155+83.00	EB	8.00	162.7
156+27.00	TO	158+00.00	EB	8.00	153.8
150+00.00	TO	158+00.00	EB	10.00	888.9
1158+00.00	TO	1164+00.00	EB	24.00	1,600.0
1158+00.00	TO	1164+00.00	WB	24.40	1,626.7
1164+00.00	TO	1177+00.00	EB	24.20	3,495.6
1164+00.00	TO	1177+00.00	WB	24.00	3,466.7
1177+00.00	TO	1190+00.00	EB	24.00	3,466.7
1177+00.00	TO	1190+00.00	WB	24.00	3,466.7
1190+00.00	TO	1191+52.40	EB	24.20	409.8
1190+00.00	TO	1191+94.10	WB	24.00	517.6
1211+42.10	TO	1219+00.00	EB	24.00	2,021.1
1211+84.10	TO	1219+00.00	WB	24.10	1,917.0
1219+00.00	TO	1231+32.00	EB	24.30	3,326.4
1219+00.00	TO	1231+57.00	WB	24.00	3,352.0
1225+24.00	TO	1231+57.00	WB	6.30	443.1
1410+00.00	TO	1420+00.00	0+00.00	16.20	1,800.0
1420+00.00	TO	1433+00.00	0+00.00	19.10	2,758.9
1433+00.00	TO	1445+00.00	0+00.00	18.80	2,506.7
1+65.92	TO	4+38.60	EB	7.20	218.1
4+38.60	TO	6+75.47	EB	17.50	460.6
6+75.47	TO	10+50.00	EB	18.40	765.7
10+50.00	TO	15+08.00	EB/SB	18.60	946.5
15+08.00	TO	21+96.00	SB	14.00	1,070.2
1215+32.35	TO	1217+45.30	WB	8.00	189.3
1217+45.30	TO	1219+00.00	WB	14.90	256.1
19+00.00	TO	23+55.00	WB	18.30	925.2
23+55.00	TO	28+33.00	WB	16.90	897.6
7+77.00	TO	19+00.00	WB	18.40	2,295.9
7+27.00	TO	7+77.00	WB	17.50	97.2
3+65.00	TO	7+27.00	WB	16.10	647.6
140+25.00	TO	149+00.00	0+00.00	13.60	1,322.2
149+00.00	TO	156+11.00	0+00.00	10.50	829.5
156+11.00	TO	157+68.46	0+00.00	40.00	699.8
CHOUTEAU / E LEV				17.70	1,199.7
CHOUTEAU PL				15.00	1,121.7
CHOUTEAU PL				17.20	326.8
1352+99.61	TO	1356+23.60		6.00	216.0
1352+50.00	TO	1353+25.15		10.00	83.5
ROUNDING ADJUSTMENT =				0.4	
TOTAL =				51,950	

AGGREGATE SHOULDERS, TYPE A 6"

STA	TO	STA	AVG WIDTH (LF)	AREA (SQ YD)
<b>MAINLINE I-270</b>				
115,800.00	TO	119,172.50	3.00	1,124.2
<b>MAINLINE I-270</b>				
121,212.50	TO	121,512.85	2.00	66.7
121,212.50	TO	122,424.20	2.00	269.3
122,665.50	TO	123,050.00	2.00	85.4
121,212.50	TO	122,424.20	2.00	269.3
121,989.12	TO	123,050.00	2.00	235.8
<b>RAMP P-1</b>				
2,118,548.25	TO	2,116,424.15	2.00	472.0
2,117,858.50	TO	2,115,672.50	2.00	485.8
<b>RAMP P-4</b>				
1,121,512.50	TO	1,123,547.30	2.00	452.2
1,122,665.11	TO	1,123,402.00	2.00	163.8
<b>WATERWORKS ROAD</b>				
141,000.00	TO	144,500.00	2.00	777.8
141,000.00	TO	144,500.00	2.00	777.8
<b>PROPOSED LEVEE ROAD</b>				
14,025.00	TO	14,900.00	2.00	194.4
14,025.00	TO	14,900.00	2.00	194.4
14,900.00	TO	15,768.46	2.00	193.0
14,900.00	TO	15,768.46	2.00	193.0
<b>EXISTING LEVEE ROAD</b>				
5,046.22	TO	5,533.07	2.00	108.2
5,046.22	TO	5,533.07	2.00	108.2
<b>LEVEE / CHOUTEAU PLACE RD (SOUTH ACCESS)</b>				
			2.00	200.0
			2.00	200.0
ROUNDING ADJUSTMENT =				0.7
TOTAL =				6,572

HOT-MIX ASPHALT SHOULDERS, 2"

STA	TO	STA	DIRECTION	AVG WIDTH (LF)	AREA (SQ YD)
129+00.00	TO	148+00.00	WB	VAR.	2,084.3
129+00.00	TO	149+00.00	EB	VAR.	1,772.8
148+00.00	TO	155+86.37	EB	VAR.	697.9
148+00.00	TO	158+00.00	WB	VAR.	1,114.6
156+24.11	TO	177+87.37	EB	VAR.	954.9
172+50.00	TO	184+50.00	WB	VAR.	1,468.1
213+00.00	TO	231+30.00	WB	VAR.	1,624.7
222+44.47	TO	223+41.75	WB	VAR.	113.4
223+32.16	TO	231+03.92	EB	VAR.	1,154.6
ROUNDING ADJUSTMENT =				0.7	
TOTAL =				10,985	

HOT-MIX ASPHALT SHOULDERS, 10 1/2"

STA	TO	STA	DIRECTION	LENGTH (LF)	AVG WIDTH (LF)	AREA (SQ YD)
11226+34.29	TO	11230+00.00	EB/SB	365.71	6.00	243.8
11226+34.29	TO	11230+00.00	EB/SB	365.71	4.00	162.5
11230+00.00	TO	11239+28.37	EB/SB	928.37	6.00	618.9
11239+28.37	TO	11240+24.42	SB	96.05	8.00	85.4
11230+00.00	TO	11233+93.69	SB	393.69	4.00	175.0
21175+00.00	TO	21178+41.31	WB/SB	341.31	6.00	227.5
21178+41.31	TO	21184+00.00	WB/SB	558.69	9.00	558.7
21175+00.00	TO	21184+00.00	WB/SB	900.00	4.00	400.0
21165+00.00	TO	21175+00.00	WB/SB	1,000.00	6.00	666.7
21165+00.00	TO	21175+00.00	WB/SB	1,000.00	4.00	444.4
21158+72.55	TO	21157+42.59	SB	70.04	10.00	77.8
21157+42.59	TO	21158+18.00	SB	75.41	8.00	67.0
21158+18.00	TO	21160+08.00	SB	190.00	6.00	126.7
21160+08.00	TO	21162+90.50	SB	282.50	9.00	282.5
21162+90.50	TO	21165+00.00	SB	209.50	6.00	139.7
21164+24.10	TO	21165+00.00	SB	75.90	4.00	33.7
1154+00.00	TO	1155+86.00	WB	186.00	12.00	248.0
1154+00.00	TO	1155+86.00	EB	186.00	12.00	248.0
1156+21.00	TO	1158+00.00	WB	179.00	10.00	198.9
1156+21.00	TO	1158+00.00	EB	179.00	10.00	198.9
149+00.00	TO	154+00.00	EX 270 WB	500.00	9.00	500.0
150+00.00	TO	154+00.00	EX 270 EB	400.00	9.00	400.0
150+00.00	TO	158+00.00	EX 270 EB	800.00	13.00	1,155.6
* AREAS ADJUSTED TO ACCOUNT FOR CURVE						
1353+00.00	TO	1356+25.00	NB	325.00	6.00	216.7
1352+50.00	TO	1353+25.00	NB	75.00	10.00	83.3
120+64.88	TO	122+25.00	EX 270 WB	160.12	13.00	231.3
120+64.88	TO	121+82.68	EX 270 EB	117.80	13.00	170.2
SUBTOTAL =					7,961.2	
CONTINGENCY FOR ADDITIONAL GUARDRAIL WORK (3%) =					238.8	
ROUNDING ADJUSTMENT =					0.0	
TOTAL =					8,200	

FILE NAME = D876A91-SHT-SCH00-23.DGN

USER NAME = sblven

DESIGNED SJM

REVISED - 07-30-10

DRAWN BAH

REVISED - 04-20-11

CHECKED SJM

REVISED -

PLOT DATE = 4/22/2011

DATE 06-30-10

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
INTERSTATE 270

SCALE: SHEET NO. 3 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	24
CONTRACT NO. 76A91				
ILLINOIS FED. AID PROJECT				

PORTLAND CEMENT CONCRETE SHOULDERS 12"

STA	TO	STA	DIRECTION	AVG WIDTH (LF)	AREA (SQ YD)
1158+00.00	TO	1164+00.00	EB	13.00	866.7
1158+00.00	TO	1164+00.00	EB	9.00	600.0
1158+00.00	TO	1164+00.00	WB	13.00	866.7
1158+00.00	TO	1164+00.00	WB	9.00	600.0
1164+00.00	TO	1177+00.00	EB	13.00	1,877.8
1164+00.00	TO	1177+00.00	EB	9.00	1,300.0
1164+00.00	TO	1177+00.00	WB	13.00	1,877.8
1164+00.00	TO	1177+00.00	WB	9.00	1,300.0
1177+00.00	TO	1189+50.00	EB	13.00	1,805.6
1189+50.00	TO	1190+00.00	EB	13.85	76.9
1177+00.00	TO	1177+40.00	EB	12.20	54.2
1177+40.00	TO	1178+00.00	EB	10.54	70.3
1178+00.00	TO	1185+65.28	EB	6.51	553.3
1185+65.28	TO	1190+00.00	EB	4.00	193.2
1177+00.00	TO	1189+50.00	WB	13.00	1,805.6
1189+50.00	TO	1190+00.00	WB	14.25	79.2
1177+00.00	TO	1177+40.00	WB	6.00	26.7
1177+40.00	TO	1178+00.00	WB	7.04	46.9
1178+13.51	TO	1185+33.62	WB	6.04	483.3
1185+33.62	TO	1190+00.00	WB	4.00	207.3
1190+00.00	TO	1191+30.00	EB	17.00	245.6
1191+30.00	TO	1191+72.51	EB	19.00	89.7
1190+00.00	TO	1191+72.51	EB	4.00	76.7
1190+00.00	TO	1191+30.00	WB	16.83	243.1
1191+30.00	TO	1191+72.51	WB	19.00	89.7
1190+00.00	TO	1191+72.51	WB	4.00	76.7
1212+12.26	TO	1212+93.60	EB	4.00	36.2
1212+93.60	TO	1213+50.00	EB	5.50	34.5
1212+12.26	TO	1219+00.00	EB	4.00	305.7
1217+18.47	TO	1218+92.99	WB	10.00	193.9
1218+92.99	TO	1219+00.00	WB	9.50	7.4
1212+12.26	TO	1219+00.00	WB	4.00	305.7
21186+50.00	TO	21188+23.17	WB	4.00	77.0
11213+50.00	TO	11214+19.35	EB	6.00	46.2
11214+19.35	TO	11214+43.35	EB	8.00	21.3
11214+43.35	TO	11214+78.36	EB	10.00	38.9
11214+78.36	TO	11214+83.91	EB	9.50	5.9
11214+83.91	TO	11217+62.95	EB	9.00	279.0
11217+62.95	TO	11219+00.00	EB	6.00	91.4
1221+47.59	TO	1229+92.61	EB	10.00	938.9
1229+92.61	TO	1230+16.61	EB	12.00	32.0
1230+16.61	TO	1230+51.61	EB	14.00	54.4
1230+51.61	TO	1230+57.61	EB	13.50	9.0
1230+57.61	TO	1231+32.00	EB	13.00	107.5
1219+00.00	TO	1222+31.38	EB	4.00	147.3
1222+31.38	TO	1224+74.07	EB	6.00	161.9
1224+74.07	TO	1225+50.00	EB	9.00	75.9
1225+50.00	TO	1227+00.00	EB	11.00	183.3
1227+00.00	TO	1230+00.00	EB	13.00	433.3
1230+00.00	TO	1230+50.00	EB	14.00	77.8
1230+50.00	TO	1231+32.00	EB	15.00	136.7
1219+00.00	TO	1229+30.00	WB	10.00	1,144.4
1229+30.00	TO	1230+50.00	WB	8.00	106.7
1230+50.00	TO	1231+57.00	WB	6.00	71.3
1219+00.00	TO	1221+28.66	WB	4.00	101.6
1221+28.66	TO	1225+00.00	WB	10.66	439.6
1225+00.00	TO	1226+48.33	WB	14.67	241.7
1226+48.33	TO	1231+57.00	WB	17.00	960.8
21184+00.00	TO	21186+50.00	WB	4.00	111.1
11219+00.00	TO	11226+34.29	EB	6.00	489.5
11221+39.17	TO	11226+34.29	EB	4.00	220.1

ROUNDING ADJUSTMENT = 0.1  
TOTAL = 23,201

PROTECTIVE COAT

STA	TO	STA	DIRECTION	AVG WIDTH (LF)	AREA (SQ YD)
1158+00.00	TO	1164+00.00	EB	13.00	1,733.3
1158+00.00	TO	1164+00.00	EB	9.00	1,200.0
1158+00.00	TO	1164+00.00	WB	13.00	1,733.3
1158+00.00	TO	1164+00.00	WB	9.00	1,200.0
1164+00.00	TO	1177+00.00	EB	13.00	3,755.6
1164+00.00	TO	1177+00.00	EB	9.00	2,600.0
1164+00.00	TO	1177+00.00	WB	13.00	3,755.6
1164+00.00	TO	1177+00.00	WB	9.00	2,600.0
1177+00.00	TO	1189+50.00	EB	13.00	3,611.1
1189+50.00	TO	1190+00.00	EB	13.85	153.9
1177+00.00	TO	1177+40.00	EB	12.20	108.4
1177+40.00	TO	1178+00.00	EB	10.54	140.5
1178+00.00	TO	1185+65.28	EB	6.51	1,106.5
1185+65.28	TO	1190+00.00	EB	4.00	388.4
1177+00.00	TO	1189+50.00	WB	13.00	3,611.1
1189+50.00	TO	1190+00.00	WB	14.25	158.3
1177+00.00	TO	1177+40.00	WB	6.00	53.3
1177+40.00	TO	1178+00.00	WB	7.04	93.9
1178+13.51	TO	1185+33.62	WB	6.04	966.5
1185+33.62	TO	1190+00.00	WB	4.00	414.6
1190+00.00	TO	1191+30.00	EB	17.00	491.1
1191+30.00	TO	1191+72.51	EB	19.00	179.5
1190+00.00	TO	1191+72.51	EB	4.00	153.3
1190+00.00	TO	1191+30.00	WB	16.83	486.2
1191+30.00	TO	1191+72.51	WB	19.00	179.5
1190+00.00	TO	1191+72.51	WB	4.00	153.3
1212+12.26	TO	1212+93.60	EB	4.00	72.3
1212+93.60	TO	1213+50.00	EB	5.50	68.9
1212+12.26	TO	1219+00.00	EB	4.00	611.3
1217+18.47	TO	1218+92.99	WB	10.00	387.8
1218+92.99	TO	1219+00.00	WB	9.50	14.8
1212+12.26	TO	1219+00.00	WB	4.00	611.3
21186+50.00	TO	21188+23.17	WB	4.00	153.9
11213+50.00	TO	11214+19.35	EB	6.00	92.5
11214+19.35	TO	11214+43.35	EB	8.00	42.7
11214+43.35	TO	11214+78.36	EB	10.00	77.8
11214+78.36	TO	11214+83.91	EB	9.50	11.7
11214+83.91	TO	11217+62.95	EB	9.00	558.1
11217+62.95	TO	11219+00.00	EB	6.00	182.7
1221+47.59	TO	1229+92.61	EB	10.00	1,877.8
1229+92.61	TO	1230+16.61	EB	12.00	64.0
1230+16.61	TO	1230+51.61	EB	14.00	108.9
1230+51.61	TO	1230+57.61	EB	13.50	18.0
1230+57.61	TO	1231+32.00	EB	13.00	214.9
1219+00.00	TO	1222+31.38	EB	4.00	294.6
1222+31.38	TO	1224+74.07	EB	6.00	323.7
1224+74.07	TO	1225+50.00	EB	9.00	151.9
1225+50.00	TO	1227+00.00	EB	11.00	366.7
1227+00.00	TO	1230+00.00	EB	13.00	866.7
1230+00.00	TO	1230+50.00	EB	14.00	155.6
1230+50.00	TO	1231+32.00	EB	15.00	273.3
1219+00.00	TO	1229+30.00	WB	10.00	2,288.9
1229+30.00	TO	1230+50.00	WB	8.00	213.3
1230+50.00	TO	1231+57.00	WB	6.00	142.7
1219+00.00	TO	1221+28.66	WB	4.00	203.3
1221+28.66	TO	1225+00.00	WB	10.66	879.3
1225+00.00	TO	1226+48.33	WB	14.67	483.4
1226+48.33	TO	1231+57.00	WB	17.00	1,921.6
21184+00.00	TO	21186+50.00	WB	4.00	222.2
11219+00.00	TO	11226+34.29	EB	6.00	979.1
11221+39.17	TO	11226+34.29	EB	4.00	440.1

21186+50.00 TO 21192+72.33 WB 6.00 829.8  
1212+12.26 TO 1212+72.34 WB 5.00 66.8  
21184+00.00 TO 21186+50.00 WB 6.00 333.3  
ROUNDING ADJUSTMENT = 0.1  
TOTAL = 47,631

CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT

STA	TO	STA	SIDE	DIRECTION	LENGTH (FOOT)
I-270					
1177+00.00	TO	1191+73.00	MEDIAN		1,473.00
BRIDGE OMISSION					
1212+12.00	TO	1225+00.00	MEDIAN		1,288.00
TOTAL =					2,761
MODULAR GLARE SCREEN SYSTEM					
1155+00.00	TO	1164+00.00	WB 270		900
1164+00.00	TO	1173+00.00	WB 270		900
1224+00.00	TO	1233+00.00	WB 270		900
RELOCATED REDUCTION =					-900
TOTAL =					1800
REMOVE OVERHEAD SIGN STRUCTURE - SPAN					
222+25	RT	EB			1
TOTAL =					1
REMOVE GROUND MOUNTED SIGN SUPPORT					
159+00.23	87.23			2	2
164+00.25	65.57			2	2
169+42.73	91.05			3	3
179+11.28	70.41			2	2
189+00.27	89.10			3	3
213+38.95	68.72			2	2
217+00.13	85.74			2	2
225+88.16	310.44			2	2
TOTAL =					18
REMOVE CONCRETE FOUNDATION - GROUND MOUNT					
159+00.23	87.23			2	2
164+00.25	65.57			2	2
169+42.73	91.05			3	3
179+11.28	70.41			2	2
189+00.27	89.10			3	3
213+38.95	68.72			2	2
217+00.13	85.74			2	2
225+88.16	310.44			2	2
TOTAL =					18
REMOVE CONCRETE FOUNDATION - OVERHEAD					
222+25	RT	EB			2
TOTAL =					2

CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)

STA	TO	STA	DIRECTION	LENGTH (FOOT)
21193+32.40		21184+00.00	WB	932.4
ROUNDING ADJUSTMENT =				0.6
TOTAL =				933

PAVED SHOULDER REMOVAL

STA	TO	STA	AVG WIDTH (LF)	AREA (SQ YD)
158+00.00	TO	164+00.00	10.50	700.0
158+00.00	TO	164+00.00	4.50	300.0
158+00.00	TO	164+00.00	10.20	680.0
158+00.00	TO	164+00.00	4.00	266.7
1149+00.00	TO	1155+86.00	Varies	571.5
1150+00.00	TO	1155+86.00	Varies	466.0
1156+21.00	TO	1158+00.00	Varies	75.0
1156+21.00	TO	1158+00.00	Varies	77.0
1150+00.00	TO	1158+00.00	10.00	888.9
164+00.00	TO	176+94.00	10.20	1466.5
164+00.00	TO	176+94.00	4.00	575.1
164+00.00	TO	176+94.00	10.50	1509.7
164+00.00	TO	176+94.00	4.50	647.0
176+94.00	TO	189+79.00	10.10	1442.1
176+94.00	TO	189+79.00	4.10	585.4
176+94.00	TO	189+79.00	10.80	1542.0
176+94.00	TO	189+79.00	4.50	642.5
189+79.00	TO	191+31.00	8.50	143.6
189+79.00	TO	191+31.00	4.00	67.6
189+79.00	TO	191+73.00	10.50	226.3
189+79.00	TO	191+73.00	3.70	79.8
211+21.00	TO	218+60.00	10.00	821.1
211+21.00	TO	218+65.00	5.00	413.3
211+63.00	TO	215+09.00	10.00	384.4

**PAVED DITCH REMOVAL**

STA	TO	STA	LENGTH (FOOT)
<b>RUNS PARALLEL TO I-270</b>			
1224+98.59	TO	1226+51.65	MEASURED IRREGULAR LENGTH- 170.0
<b>RUNS PARALLEL TO I-270</b>			
1225+18.32	TO	1228+73.87	MEASURED IRREGULAR LENGTH- 375.0
<b>RUNS RIGHT OF WATERWORKS ROAD</b>			
1441+99.28	TO	1443+71.69	MEASURED IRREGULAR LENGTH 165.0
<b>RUNS PERPENDICULAR TO SOUTH ACCESS ROAD</b>			
260+61.48	TO	260+60.56	MEASURED IRREGULAR LENGTH- 50.0
23.7' LT		22.3' RT	
<b>RUNS PARALLEL TO LEVEE ROAD</b>			
341+26.57	TO	346+28.25	MEASURED IRREGULAR LENGTH- 555.0
<b>RUNS ALONG CHOUTEAU ROAD</b>			
175+00.00	TO	177+11.71	MEASURED IRREGULAR LENGTH- 265.0
			<b>Total = 1,580</b>

**WOVEN WIRE FENCE, 4'**

STA	TO	STA	DIRECTION	LENGTH (LF)
1170+63.80	to	1177+00.00	WB	653.0
1419+74.79	to	1422+68.00		293.2
1422+68.00	to	1433+00.00		1,032.0
1433+00.00	to	1436+67.00		367.0
1436+67.00	to	1444+86.00		819.0
<b>ROUNDING ADJUSTMENT = 0.8</b>				
<b>TOTAL = 3,165</b>				

**WOVEN WIRE FENCE REMOVAL**

STA	TO	STA	DIRECTION	LENGTH (FOOT)
3167+58.00	TO	3192+32.00	WB	2,474.0
153+66.00	TO	178+40.00	NB/EB	473.0
21184+22.00	TO	21183+00.00	SE	160.0
<b>TOTAL = 3,107</b>				

**PIPE CULVERTS, CLASS D, TYPE 118"**

STA	TO	STA	SIDE	LENGTH (LF)
149+83.00	TO	150+00.00	RT	17
155+00.00	TO	155+17.00	RT	17
172+58.00	TO	173+30.00	RT	72
177+33.00	TO	178+93.00	RT	160
<b>TOTAL =</b>				<b>266</b>

**STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS**

STA	TO	STA	DIRECTION	SIDE	LENGTH (FOOT)
<b>RAMPS</b>					
21162+80.00	TO	21161+42.50	WB Ramp 1	RT	137.5
21183+56.85	TO	21180+94.40	WB Ramp 1	LT	262.5
11217+41.00	TO	11215+03.50	EB Ramp 4	RT	237.5

**I-270**

MISS. BRIDGE	TO	1158+00.00	WB	RT	3,650.0
MISS. BRIDGE	TO	1191+29.37	EB	RT	7,075.0
W. LIMIT	TO	Crossover	WB	LT	2,250.0
W. LIMIT	TO	Crossover	EB	LT	2,250.0
1157+37.00	TO	1176+85.00	WB	LT	1,950.0
1157+05.56	TO	1177+09.00	EB	LT	2,000.0
1224+94.70	TO	1231+45.00	WB	LT	650.0
1225+13.90	TO	1231+00.00	EB	LT	600.0
1231+14.00	TO	1230+76.50	EB	RT	37.5

**CHOUTEAU PLACE**

260+00.00	TO	261+00.00	EB		100.0
<b>TOTAL = 21,200.0</b>					

**STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS**

STA	TO	STA	DIRECTION	SIDE	LENGTH (FOOT)
1158+00.00	TO	1191+57.85	WB	RT	3,525.0

**OUTSIE CURVE**

<b>TOTAL = 3,525.0</b>				
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**STEEL PLATE BEAM GUARDRAIL, TYPE B**

STA	TO	STA	DIRECTION	SIDE	LENGTH (FOOT)
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**CONTINGENCY**

<b>TOTAL = 200</b>				
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FOR WEST SIDE OF BRIDGE IN CASE DEFLECTION DISTANCE REDUCTION IS NEEDED

<b>TOTAL = 200</b>				
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**TRAFFIC BARRIER TERMINAL, TYPE 2**

STA	ALIGNMENT	SIDE	EACH
21162+80.00	Ramp 1	RT	1
11217+41.00	Ramp 4	RT	1
1177+09.00	I-270	Median	1
1224+82.20	I-270	Median	1
260+00			2
<b>TOTAL =</b>			<b>6</b>

**TRAFFIC BARRIER TERMINAL, TYPE 5**

STA	ALIGNMENT	SIDE	EACH
1191+57.85	I-270	LT	1
MISS BRIDGE	I-270	RT	1
W. LIMIT	I-270	MEDIAN	1
1176+85.35	I-270	MEDIAN	1
1231+45.00	I-270	MEDIAN	1
1225+00.00	I-270	MEDIAN	1
<b>TOTAL =</b>			<b>6</b>

**TRAFFIC BARRIER TERMINAL, TYPE 6**

STA	ALIGNMENT	SIDE	EACH
21183+56.85	Ramp 1	RT	1
MISS BRIDGE	I-270	LT	1
1191+29.37	I-270	RT	1
W. LIMIT	I-270	MEDIAN	1
1231+10.00	I-270	MEDIAN	1
1231+14.00	I-270	MEDIAN	1
<b>TOTAL =</b>			<b>6</b>

**TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT**

STA	ALIGNMENT	SIDE	EACH
21160+92.50	Ramp 1	RT	1
21180+44.40	Ramp 1	RT	1
11214+53.50	Ramp 4	RT	1
1155+32.00	I-270	MEDIAN	1
1155+52.00	I-270	MEDIAN	1
1157+37.00	I-270	MEDIAN	1
1157+05.00	I-270	MEDIAN	1
1230+26.50	I-270	RT	1
<b>TOTAL =</b>			<b>8</b>

**CABLE ROAD GUARD REMOVAL**

STA	TO	STA	DIRECTION	SIDE	LENGTH (FOOT)
156+62.46	TO	164+00.00	WB	LT	738
164+00.00	TO	177+00.00	WB	LT	1,300.0
177+00.00	TO	190+00.00	WB	LT	1,300.0
190+00.00	TO	191+42.31	EB	LT	142.3
211+89.32	TO	214+81.86	EB	LT	292.5
214+65.90	TO	219+00.00	WB	LT	434.1
219+00.00	TO	222+01.65	WB	LT	301.7
<b>ROUNDING ADJUSTMENT = 0.9</b>					
<b>TOTAL = 4,509</b>					

**CONCRETE BARRIER TRANSITION**

STA	TO	STA	LENGTH (FOOT)	TOTAL (FOOT)
1217+29.38	TO	1217+44.38	15.00	15
1217+55.63	TO	1217+70.63	15.00	15
<b>TOTAL =</b>				<b>30</b>

**GUARDRAIL REMOVAL**

STA	TO	STA	DIRECTION	SIDE	LENGTH (FOOT)
120+64.88	TO	150+00.00	EB	RT	2935.1
120+64.88	TO	150+00.00	WB	RT	2935.1
132+22.17	TO	150+00.00	EB	LT	1777.8
132+22.17	TO	150+00.00	WB	LT	1777.8
150+00.00	TO	164+00.00	EB	RT	1400.0
150+00.00	TO	164+00.00	WB	RT	1400.0
150+00.00	TO	154+83.75	EB	0.00	483.8
150+00.00	TO	154+97.79	WB	0.00	497.8
164+00.00	TO	177+00.00	EB	RT	1300.0
164+00.00	TO	177+00.00	WB	RT	1300.0
177+00.00	TO	190+00.00	EB	RT	1300.0
177+00.00	TO	190+00.00	WB	RT	1300.0
188+46.58	TO	190+00.00	WB	LT	153.4
190+00.00	TO	191+20.42	EB	RT	120.4
190+00.00	TO	191+62.55	WB	RT	162.5
190+00.00	TO	191+31.31	WB	LT	131.3
211+32.06	TO	219+00.00	EB	RT	767.9
211+76.91	TO	219+00.00	WB	RT	723.1
211+64.52	TO	214+53.40	WB	LT	288.9
219+00.00	TO	222+55.13	EB	RT	355.1
219+50.87	TO	231+28.41	EB	LT	1177.5
229+99.23	TO	231+32.33	EB	RT	133.1
219+00.00	TO	220+04.99	WB	RT	105.0
222+11.97	TO	231+32.34	WB	LT	920.4
230+15.45	TO	231+65.76	WB	RT	150.3
20+64.91	TO	23+72.87	WB	LT	308.0
6+81.56	TO	9+55.29	WB	LT	273.7
15+39.76	TO	18+37.18	WB	RT	297.4
21160+60.96	TO	21162+98.57	0.00	RT	237.6
<b>ROUNDING ADJUSTMENT = 0.0</b>					
<b>TOTAL = 24,713</b>					

**CONCRETE BARRIER BASE**

STA	TO	STA	DIRECTION	SIDE	LENGTH (FOOT)
<b>I-270</b>					
1177+00.00	TO	1191+73.00	MEDIAN		1,473
<b>BRIDGE OMISSION</b>					
1212+12.00	TO	1225+00.00	MEDIAN		1,288
<b>TOTAL =</b>					<b>2,761</b>

**REMOVE SIGN PANEL - TYPE 3**

STA	OFFSET	WIDTH (FT)	HEIGHT (FT)	TOTAL (SQ FT)
159+00.23	87.23	18.00	7.50	135.0
164+00.25	65.57	8.50	6.00	51.0
179+11.28	70.41	15.00	8.00	120.0
213+38.95	68.72	18.30	12.50	229.0
217+00.13	85.74	13.20	12.50	165.0
225+88.16	310.44	8.5	5.00	43.0
<b>ROUNDING ADJUSTMENT = 0.7</b>				
<b>TOTAL =</b>				<b>743</b>

FILE NAME = D876A91-SHT-SCH00-B4A.DGN

USER NAME = sbilven

DESIGNED - SJM

REVISED - 07-30-10

DRAWN - BAH

REVISED - 04-20-11

PLOT SCALE = #SCALE#

CHECKED - SJM

REVISED -

PLOT DATE = 4/22/2011

DATE - 06-30-10

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
INTERSTATE 270**

SCALE: SHEET NO. 5 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	26
CONTRACT NO. 76A91				
ILLINOIS FED. AID PROJECT				

**GUARDRAIL MARKERS, TYPE A**

STA	TO	STA	ALIGNMENT	SIDE	SINGLE WHITE	SINGLE AMBER
120+64.88	TO	124+64.88	EX CL I-270	RT	5	
124+65.88	TO	154+70.46	EX CL I-270	RT	18	
120+65.88	TO	154+70.46	EX CL I-270	LT	20	
132+19.06	TO	136+19.06	EX CL I-270	RT		5
136+19.06	TO	155+32.30	EX CL I-270	RT		11
132+19.06	TO	151+52.37	EX CL I-270	LT		12
151+52.37	TO	155+52.37	EX CL I-270	LT		5
1156+55.60	TO	1160+55.60	PR CL I-270	RT		5
1156+87.25	TO	1173+00.00	PR CL I-270	LT		5
1173+00.00	TO	1177+00.00	PR CL I-270	LT		5
1160+55.60	TO	1177+21.46	PR CL I-270	RT		5
1155+00.00	TO	1191+75.52	PR CL I-270	RT	10	
1155+00.00	TO	1187+75.52	PR CL I-270	LT	9	
1187+75.52	TO	1191+75.52	PR CL I-270	LT	5	
1224+99.28	TO	1228+99.28	PR CL I-270	RT		5
1228+99.28	TO	1231+55.79	PR CL I-270	RT		1
1230+26.61	TO	1231+59.71	PR CL I-270	RT	1	
1224+82.18	TO	1227+59.72	PR CL I-270	LT		2
1227+59.72	TO	1231+59.72	PR CL I-270	LT		5
11214+53.35	TO	11217+53.51	RAMP P-4	RT	2	
21160+92.42	TO	21162+92.50	RAMP P-1	RT	3	
21180+44.35	TO	21184+02.50	RAMP P-1	RT	5	
<b>SUB-TOTAL =</b>					<b>78</b>	<b>66</b>
<b>TOTAL =</b>					<b>144</b>	

**TERMINAL MARKER - DIRECT APPLIED**

STA	ALIGNMENT	SIDE	TOTAL (EACH)
21160+92.50	Ramp 1	RT	1
21180+44.40	Ramp 1	RT	1
11214+53.50	Ramp 4	RT	1
1155+32.00	I-270	Median	1
1155+52.00	I-270	Median	1
1157+37.00	I-270	Median	1
1157+05.00	I-270	Median	1
1230+26.50	I-270	RT	1
<b>TOTAL =</b>			<b>8</b>

**CLASS SI CONCRETE (MISCELLANEOUS)**

STA	TO	STA	AVG AREA (SF)	VOLUME (CY)
150+00.00	TO	155+00.00	8.10	150.00
173+30.00	TO	177+33.00	8.10	120.90
<b>TOTAL =</b>				<b>270.9</b>

**RELOCATE SIGN, SPECIAL**

STA	TRAFFIC STAGE	TOTAL (EACH)
169+42.73	(Prestage, Stage 4A, & Stage 5) (2 Panels)	6
189+00.27	(Prestage, Stage 4A, & Stage 5) (2 Panels)	6
222+20.52	(Stage 4) (6 Panels)	6
<b>TOTAL =</b>		<b>18</b>

**PORTLAND CEMENT CONCRETE SHOULDERS 12" (SPECIAL)**

STA	TO	STA	DIRECTION	AVG WIDTH (FOOT)	AREA (SQ YD)
21186+50.00	TO	21192+72.33	WB	6.00	414.9
1212+12.26	TO	1212+72.34	WB	5.00	33.4
21184+00.00	TO	21186+50.00	WB	6.00	166.7
<b>ROUNDING ADJUSTMENT =</b>				<b>0.0</b>	
<b>TOTAL =</b>				<b>615</b>	

**SLOTTED DRAIN 18" WITH VARIABLE SLOT**

STA	TO	STA	SIDE	LENGTH (FOOT)
150+00.00	TO	155+00.00	RT	500
173+30.00	TO	177+33.00	RT	403
<b>TOTAL =</b>				<b>903</b>

**RIGHT-OF-WAY AND PROPERTY CORNERS**

STA	TO	OFFSET	RT/LT	EACH
1187+10.33	TO	688.33	RT	1
1187+94.90	TO	741.73	RT	1
1188+70.70	TO	374.06	RT	1
1189+20.74	TO	584.14	RT	1
1191+98.36	TO	435.31	RT	1
1193+45.70	TO	214.05	RT	1
1194+20.69	TO	385.95	LT	1
1195+23.82	TO	110.95	LT	1
1192+00.70	TO	434.05	RT	1
1207+20.70	TO	434.05	RT	1
1208+20.70	TO	214.05	RT	1
1208+35.69	TO	150.95	LT	1
1208+35.70	TO	110.95	LT	1
1209+95.69	TO	375.95	LT	1
1210+30.69	TO	355.95	LT	1
1210+30.69	TO	185.95	LT	1
1215+79.04	TO	298.93	LT	1
<b>TOTAL =</b>				<b>17</b>

**FURNISHING AND ERECTING RIGHT OF WAY MARKERS**

STA	OFFSET	TOTAL (EACH)
1157+05.63	191.36' LT	1
1160+15.14	579.46' LT	1
1171+95.67	220.97' LT	1
1178+68.71	275.50' RT	1
1161+16.52	250.10' LT	1
1168+07.53	201.46' LT	1
1159+51.12	196.02' RT	1
1159+72.37	164.46' RT	1
1164.96.18	169.90' RT	1
1166+50.96	228.80' RT	1
1177+05.35	212.16' LT	1
1174+31.49	219.76' RT	1
1174+06.88	237.79' RT	1
1183+11.57	249.52' LT	1
1187+10.33	688.33' RT	1
1187+94.90	741.73' RT	1
1183+11.57	249.52' LT	1
1188+70.70	374.06' RT	1
1189+07.75	314.96' LT	1
1189+20.74	584.14' RT	1
1161+16.52	230.10' LT	1
1191+20.69	385.94' LT	1
1191+98.36	435.31' RT	1
1192+00.70	434.05' RT	1
1192+52.80	385.95' LT	1
1193+45.70	214.05' RT	1
1194+20.69	385.95' LT	1
1195+23.82	110.95' LT	1
1207+20.70	434.05' RT	1
1208+06.00	484.05' RT	1
1208+20.70	214.05' RT	1
1208+35.69	150.95' LT	1
1221+49.77	352.71' RT	1
1209+49.20	284.05' RT	1
1209+95.69	375.95' LT	1
1210+30.69	355.95' LT	1
1210+30.69	185.95' LT	1
1211+20.70	374.05' RT	1
1215+79.04	298.93' LT	1
1220+85.85	264.50' LT	1
1222+04.22	281.68' LT	1
<b>TOTAL =</b>		<b>41</b>

**SAW CUTS**

STA	TO	STA	ALIGNMENT	DIRECTION	LENGTH (FOOT)
<b>PRESTAGE/STAGE 1</b>					
410+00.00	TO	410+00.00	WATERWORKS	EB/WB	25.0
412+80.00	TO	413+00.00	WATERWORKS	LT	25.0
422+80.00	TO	423+00.00	WATERWORKS	LT	25.0
745+00.00	TO	745+00.00	WATERWORKS	EB/WB	25.0
<b>STAGE 2</b>					
1158+00.00	TO	1158+00.00	I-270	WB	40.0
1175+00.00	TO	1175+00.00	I-270	WB	40.0
1353+00.00	TO	1356+50.00	IL RTE 3	NB	350.0
1353+00.00	TO	1353+50.00	IL RTE 3	NB	50.0
1352+50.00	TO	1353+50.00	IL RTE 3	SB	100.0
1366+80.00	TO	1368+50.00	IL RTE 3	SB	170.0
<b>STAGE 3</b>					
1342+25.00	TO	1348+75.00	IL RTE 3	SB	650.0
1368+50.00	TO	1374+50.00	IL RTE 3	SB	600.0
11221+00.00	TO	11224+00.00	RAMP P4	EB/SB	300.0
<b>STAGE 3A</b>					
1213+50.00	TO	1231+57.00	I-270	WB	1,807.0
<b>STAGE 4</b>					
1215+50.00	TO	1231+57.00	I-270	EB	1,607.0
1158+00.00	TO	1158+00.00	I-270	WB	40.0
1175+00.00	TO	1175+00.00	I-270	WB	40.0
1231+57.00	TO	1231+57.00	I-270	WB	40.0
1231+32.00	TO	1231+32.00	I-270	WB	40.0
<b>STAGE 4A</b>					
11224+00.00	TO	11226+00.00	I-270	EB	200.0
<b>STAGE 5</b>					
1218+50.00	TO	1227+00.00	I-270	EB	850.0
<b>STAGE 6</b>					
1223+00.00	TO	1231+57.00	I-270	EB	857.0
<b>STAGE 7</b>					
1224+25.00	TO	1231+57.00	I-270	EB	732.0
1224+25.00	TO	1231+57.00	I-270	WB	732.0
<b>10% CONTINGENCY =</b>					<b>934.5</b>
<b>ROUNDING ADJUSTMENT =</b>					<b>0.5</b>
<b>TOTAL =</b>					<b>10,280</b>

FILE NAME = DB76A91-SHT-SCHDD-248.DGN

USER NAME = sbilven

DESIGNED - SJM

REVISED - 07-30-10

DRAWN - BAH

REVISED - 04-20-11

PLOT SCALE = #SCALE\*

CHECKED - SJM

REVISED -

PLOT DATE = 4/22/2011

DATE - 06-30-10

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
INTERSTATE 270**

SCALE: SHEET NO. 6 OF 11 SHEETS STA. TO STA.

P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	27
CONTRACT NO. 76A91			ILLINOIS FED. AID PROJECT	

**EARTHWORK SCHEDULE**

LOCATION	EARTH EXCAVATION CU YD	EXCAVATION AVAILABLE ADJUSTED FOR SHRINKAGE CU YD	EMBANKMENT VOLUME NEEDED CU YD	BALANCE PER STAGE WASTE (+) NEED (-) CU YD	FURNISHED EXCAVATION CU YD	FURNISHED EXCAVATION, SPECIAL CU YD		
<b>PRESTAGE AND STAGE 1</b>								
I-270 (TEMPORARY)	1150+00	TO 1178+00	904	678	8,756	-8,078	8,008	0
I-270 (TEMPORARY CROSSOVERS)	1149+00	TO 1182+00	663	497	427	70	0	0
I-270 MAINLINE / WATERWORKS ROAD	1167+00	TO 1191+72.57	2,542	1,907	9,973	-8,066	6,405	0
WATERWORKS ROAD	1434+00	TO 1445+00	2,214	1,661	0	1,661	0	0
S LEVEE ACCESS ROAD	25300	TO 260+50	1,675	1,256	3,564	-2,308	2,308	0
CHOUTEAU PLACE RD (N ACCESS)	175+00	TO 180+81	247	185	5,234	-5,049	5,049	0
EAST LEVEE ROAD AND LEVEE RELOCATION	140+00	TO 157+69	5,913	4,435	54,123	-49,668	0	49,668
<b>SUBTOTAL PRESTAGE AND STAGE 1</b>			<b>14,158</b>	<b>10,619</b>	<b>82,077</b>	<b>-71,458</b>	<b>21,770</b>	<b>49,688</b>
<b>STAGE 2</b>								
I-270 / RAMP 4 (TEMPORARY)	1223+30	TO 1231+32	242	182	1,045	-863	863	0
I-270 MAINLINE (WORK STARTED IN STAGE 2 / FINISHED STAGE 3)	1158+00	TO 1224+00	8,140	6,105	264,618	-258,513	258,513	0
RAMP 1 (TEMPORARY)	21176+85	TO 21183+00	64	48	2,438	-2,390	0	0
RAMP 1	21165+50	TO 21180+00	9,178	6,884	1,068	5,816	0	0
RAMP 4 (TEMPORARY)	11221+00	TO 11229+00	161	121	944	-823	823	0
RAMP 4	11225+68	TO 11235+48	1,923	1,442	2,699	-1,257	1,257	0
IL RTE 3 (TEMPORARY)	1353+00	TO 1358+00	0	0	1,019	-1,019	1,019	0
<b>SUBTOTAL STAGE 2</b>			<b>19,708</b>	<b>14,782</b>	<b>273,831</b>	<b>-259,049</b>	<b>262,475</b>	<b>0</b>
<b>STAGE 3</b>								
I-270 (TEMPORARY)	1218+76	TO 1222+74	110	83	49	34	0	0
I-270 MAINLINE (STAGE 3A ONLY)	1158+00	TO 1219+57	293	220	3,557	-3,337	3,303	0
RAMP 1	21180+00	TO 21181+50	3,990	2,993	282	2,711	0	0
RAMP 1 (REMOVAL OF TEMPORARY)	21176+85	TO 21183+00	2,438	1,829	0	1,829	0	0
IL RTE 3	1341+00	TO 1373+00	1,386	1,040	270	770	0	0
<b>SUBTOTAL STAGE 3</b>			<b>8,217</b>	<b>6,165</b>	<b>4,158</b>	<b>2,007</b>	<b>3,303</b>	<b>0</b>
<b>STAGE 4</b>								
I-270 (REMOVAL OF TEMPORARY)	1150+00	TO 1223+00	8,941	6,706	0	6,706	0	0
I-270 MAINLINE	1149+00	TO 1231+57	1,829	1,372	16,998	-15,626	8,920	0
<b>SUBTOTAL STAGE 4</b>			<b>10,770</b>	<b>8,078</b>	<b>16,998</b>	<b>-8,920</b>	<b>8,920</b>	<b>0</b>
<b>STAGE 5</b>								
I-270 MAINLINE	1150+00	TO 1231+57	192,846	144,635	47,479	97,156	0	0
RAMP 4 (REMOVAL OF TEMPORARY)	11221+00	TO 11229+00	823	617	0	617	0	0
<b>SUBTOTAL STAGE 5</b>			<b>193,669</b>	<b>145,252</b>	<b>47,479</b>	<b>97,773</b>	<b>0</b>	<b>0</b>
<b>STAGE 6</b>								
I-270 MAINLINE	1224+00	TO 1231+57	346	259	1,939	-1,680	1,680	0
IL RTE 3 (REMOVAL OF TEMPORARY)	1353+00	TO 1358+00	1,019	764	0	764	0	0
<b>SUBTOTAL STAGE 6</b>			<b>1,365</b>	<b>1,023</b>	<b>1,939</b>	<b>-916</b>	<b>1,680</b>	<b>0</b>
<b>STAGE 7</b>								
I-270 MAINLINE	1224+00	TO 1231+57	233	175	170	5	0	0
<b>SUBTOTAL STAGE 7</b>			<b>233</b>	<b>175</b>	<b>170</b>	<b>5</b>	<b>0</b>	<b>0</b>
<b>SUBTOTAL SHOULDER WIDENING FOR GUARDRAIL</b>			<b>350</b>	<b>263</b>	<b>350</b>	<b>-87</b>	<b>87</b>	<b>0</b>
<b>SETTLEMENT ADJUSTMENT (STAGES 2-4) PER SOILS REPORT</b>			<b>0</b>	<b>0</b>	<b>8,905</b>	<b>-8,905</b>	<b>8,905</b>	<b>0</b>
<b>PROJECT TOTAL</b>			<b>248,470</b>	<b>186,357</b>	<b>435,907</b>	<b>-249,550</b>	<b>307,140</b>	<b>49,688</b>
NOTE (25% SHRINKAGE FACTOR)								

FILE NAME = 0876A91-SHT-SCH00-05.DGN

USER NAME = sbiven

DESIGNED - SJM

REVISED - 04-20-11

DRAWN - BAH

REVISED -

CHECKED -

REVISED -

PLOT DATE = 4/22/2011

DATE -

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
INTERSTATE 270**

SCALE: SHEET NO. 7 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	27a
CONTRACT NO. 76A91			ILLINOIS FED. AID PROJECT	

**MAINTENANCE OF TRAFFIC TEMPORARY BARRIER SCHEDULE**

CHAIN	LOCATION			TOTAL TEMPORARY BARRIER REQUIRED	TOTAL TEMPORARY BARRIER REMAINING FROM PREVIOUS STAGE	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	DISPOSITION AT THE COMPLETION OF THE STAGE	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3
	STA.	TO	STA.							
<b>MOT PRESTAGE</b>										
I-270 MAINLINE	1149+24	-	1149+24	2,787.5		2,787.5		2,787.5' RELOCATED TO STAGE 1	1	
EX RAMP P4	13+75	-	18+24	462.5		462.5		462.5' REMAINS THROUGH STAGE 1	1	
<b>MOT STAGE 1</b>										
I-270 MAINLINE	1149+24	-	1178+03	2,862.5		75.0	2,787.5	2,862.5' REMAINS THROUGH STAGE 2		1
I-270 MAINLINE	1149+22	-	1158+00	887.5		887.5		787.5' TO REMAIN THROUGH STAGE 2, 100.0' RELOCATED TO STAGE 2	1	
I-270 MAINLINE	1149+00	-	1156+42	750.0		750.0		750' RELOCATED TO STAGE 2	1	
I-270 MAINLINE	1169+49	-	1179+07	950.0		950.0		900.0' REMAINS THROUGH STAGE 2, 50.0' RELOCATED TO STAGE 2	1	
I-270 MAINLINE	1172+53	-	1182+15	962.5		962.5		962.5' RELOCATED TO STAGE 2	1	
EX RAMP P4	13+75	-	18+24	462.5	462.5			462.5' RELOCATED TO STAGE 2		
<b>MOT STAGE 2</b>										
I-270 MAINLINE	1149+24	-	1178+03	2,862.5	2,862.5			2,862.5' REMAINS THROUGH STAGE 3		
I-270 MAINLINE	1149+22	-	1157+00	787.5	787.5			787.5' REMAINS THROUGH STAGE 3		
I-270 MAINLINE	1149+00	-	1168+73	1,975.0		1,975.0		1,975.0' REMAINS THROUGH STAGE 3		
I-270 MAINLINE	1149+00	-	1191+94	4,275.0		2,412.5	1,862.5	4,275.0' REMAINS THROUGH STAGE 3		
I-270 MAINLINE	1168+73	-	1179+07	1,025.0	900.0	125.0		812.5' REMAINS THROUGH STAGE 3, 212.5' RELOCATED TO STAGE 3		
I-270 MAINLINE	1171+01	-	1182+65	1,150.0		1,150.0		1,150.0' REMAINS THROUGH STAGE 3		1
I-270 MAINLINE	1211+93	-	1220+72	887.5		887.5		887.5' REMAINS THROUGH STAGE 3		1
I-270 MAINLINE	1222+35	-	1224+74	250.0		250.0		162.5' REMAINS THROUGH STAGE 3, 125.0' RELOCATED TO STAGE 3		1
I-270 MAINLINE	1223+36	-	1232+50	925.0		925.0		650.0' REMAINS THROUGH STAGE 3, 275.0' RELOCATED TO STAGE 3	1	
EX RAMP P1	20+01	-	23+02	300.0		300.0		300.0' RELOCATED TO STAGE 3	1	
EX RAMP P1	22+52	-	24+97	262.5		262.5		262.5' RELOCATED TO STAGE 3	1	
EX RAMP P4	5+99	-	6+99	112.5		62.5	50.0	112.5' RELOCATED TO STAGE 3		
EX RAMP P4	13+75	-	18+24	412.5			412.5	412.5' RELOCATED TO STAGE 3		1
IL RTE 3	1351+51	-	1354+00	262.5		262.5		262.5' RELOCATED TO STAGE 3	1	
IL RTE 3	1352+96	-	1357+00	412.5		412.5		412.5' REMAINS THROUGH STAGE 3	1	
IL RTE 3	1366+01	-	1369+10	312.5		312.5		312.5' RELOCATED TO STAGE 3	1	
<b>MOT STAGE 3</b>										
I-270 MAINLINE	1149+24	-	1178+03	2,862.5	2,862.5			2,862.5' REMAINS THROUGH STAGE 3A		
I-270 MAINLINE	1149+22	-	1157+00	787.5	787.5			787.5' REMAINS THROUGH STAGE 3A		
I-270 MAINLINE	1149+00	-	1168+73	1,975.0	1,975.0			1,875' REMAINS THROUGH STAGE 3A, 100.0' RELOCATED TO STAGE 3A		
I-270 MAINLINE	1149+00	-	1191+94	4,275.0	4,275.0			4,025.0' REMAINS THROUGH STAGE 3A, 250.0' RELOCATED TO STAGE 3A		
I-270 MAINLINE	1168+73	-	1176+96	812.5	812.5			812.5' REMAINS THROUGH STAGE 3A		
I-270 MAINLINE	1171+01	-	1182+65	1,150.0	1,150.0			1,150.0' REMAINS THROUGH STAGE 3A		
I-270 MAINLINE	1211+93	-	1220+72	887.5	887.5			337.5' REMAINS THROUGH STAGE 3A, 550.0' RELOCATED TO STAGE 3A		
I-270 MAINLINE	1217+84	-	1223+77	562.5		562.5		562.5' RELOCATED TO STAGE 3A		1
I-270 MAINLINE	1221+54	-	1224+28	287.5		287.5		287.5' RELOCATED TO STAGE 3A		1
I-270 MAINLINE	1223+24	-	1224+74	162.5	162.5			162.5' RELOCATED TO STAGE 3A		
I-270 MAINLINE	1226+03	-	1232+50	650.0	650.0			650.0' REMAINS THROUGH STAGE 3A		1
PR RAMP P4	11226+01	-	11227+46	150.0		150.0		150.0' RELOCATED TO STAGE 3A		
PR RAMP P4	11233+49	-	11235+38	200.0		200.0		200.0' RELOCATED TO STAGE 3A		1
IL RTE 3	1340+48	-	1352+00	1,175.0		712.5	462.5	1,175' RELOCATED TO STAGE 3A		1
IL RTE 3	1352+96	-	1357+00	412.5	412.5			62.5' RELOCATED TO STAGE 3A, 350.0' RELOCATED TO STOCKPILE		
IL RTE 3	1368+36	-	1374+00	575.0			575.0	575.0' RELOCATED TO STOCKPILE		
<b>MOT STAGE 3A</b>										
I-270 MAINLINE	1149+24	-	1178+03	2,862.5	2,862.5			2,862.5' REMAINS THROUGH STAGE 4		
I-270 MAINLINE	1149+22	-	1157+00	787.5	787.5			787.5' REMAINS THROUGH STAGE 4		
I-270 MAINLINE	1149+99	-	1168+73	1,875.0	1,875.0			1,175.0' REMAINS THROUGH STAGE 4, 700.0' RELOCATED TO STAGE 4		
I-270 MAINLINE	1151+52	-	1191+94	4,025.0	4,025.0			4,025.0' RELOCATED TO STAGE 4		
I-270 MAINLINE	1168+73	-	1176+96	812.5	812.5			812.5' REMAINS THROUGH STAGE 4		
I-270 MAINLINE	1171+01	-	1182+65	1,150.0	1,150.0			1,150.0' RELOCATED TO STAGE 4		
I-270 MAINLINE	1177+00	-	1191+73	1,475.0		100.0	1,375.0	1,475.0' RELOCATED TO STAGE 4		
I-270 MAINLINE	1211+93	-	1215+23	337.5	337.5			337.5' RELOCATED TO STAGE 4		
I-270 MAINLINE	1212+12	-	1216+02	400.0		400.0		400.0' RELOCATED TO STAGE 4		
I-270 MAINLINE	1215+23	-	1232+50	1,725.0		1,725.0		762.5' RELOCATED TO STAGE 4, 962.5' REMOVED		1
I-270 MAINLINE	1226+03	-	1232+50	650.0	650.0			162.5' RELOCATED TO STOCKPILE, 487.5' REMOVED		
PROJECT STOCKPILE				925.0			925.0	925.0' REMAINS THROUGH STAGE 4		3

FILE NAME = DB76A91-SHT-SCH00-06.DGN

USER NAME = sbilven

DESIGNED - SJM

REVISED - 07-30-10

DRAWN - BAH

REVISED - 04-20-11

CHECKED - SJM

REVISED -

DATE - 06-30-10

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
INTERSTATE 270**

SCALE: SHEET NO. 8 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	27b
CONTRACT NO. 76A91				
ILLINOIS FED. AID PROJECT				



**MAINTENANCE OF TRAFFIC PAVEMENT MARKING SCHEDULE**

LOCATION	PAVEMENT MARKING REMOVAL (SQ FT)	TEMPORARY PAVEMENT MARKING - LINE 4"		EPOXY PAVEMENT MARKING - LINE 4"		LETTERS AND SYMBOLS (SQ FT)	WET REFLECTIVE TEMPORARY TAPE, TYPE III						TEMPORARY INFORMATION SIGNING (SQ FT)	MODULAR GLARE SCREEN SYSTEM (FOOT)	RELOCATE MODULAR GLARE SCREEN SYSTEM (FOOT)	
		WHITE (FOOT)	YELLOW (FOOT)	WHITE (FOOT)	YELLOW (FOOT)		4 INCH			6 INCH		24 INCH				
							WHITE (FOOT)	YELLOW (FOOT)	BLACK (FOOT)	WHITE (FOOT)	BLACK (FOOT)	WHITE (FOOT)				BLACK (FOOT)
<b>MOT PRESTAGE</b>																
MOT PRESTAGE SHEET 1	225	600	300													
MOT PRESTAGE SHEET 2	976	2,600	1,300													
MOT PRESTAGE SHEET 3	976	2,600	1,300													
MOT PRESTAGE SHEET 4	76	212	106													
MOT PRESTAGE SHEET 5																
MOT PRESTAGE SHEET 6																
MOT PRESTAGE SHEET 7																
MOT PRESTAGE SHEET 8																
MOT PRESTAGE SHEET 9	424	811	457													
MOT PRESTAGE SHEET 10																
MOT PRESTAGE SHEET 11																
MOT PRESTAGE SHEET 12																
MOT PRESTAGE SHEET 13																
MOT PRESTAGE SHEET 14																
<b>MOT STAGE 1</b>																
MOT STAGE 1 SHEET 1	225			1,000	500											
MOT STAGE 1 SHEET 2	526			4,000	2,000											
MOT STAGE 1 SHEET 3	338			3,500	1,750											
MOT STAGE 1 SHEET 4	563			1,754	877											
MOT STAGE 1 SHEET 5																
MOT STAGE 1 SHEET 6																
MOT STAGE 1 SHEET 7																
MOT STAGE 1 SHEET 8																
MOT STAGE 1 SHEET 9				811	457											
MOT STAGE 1 SHEET 10																
MOT STAGE 1 SHEET 11																
MOT STAGE 1 SHEET 12																
MOT STAGE 1 SHEET 13																
MOT STAGE 1 SHEET 14																
<b>MOT STAGE 2</b>																
MOT STAGE 2 SHEET 1				400	200											
MOT STAGE 2 SHEET 2				2,600	1,300									900		
MOT STAGE 2 SHEET 3				2,600	1,300									900		
MOT STAGE 2 SHEET 4				1,034	517											
MOT STAGE 2 SHEET 5																
MOT STAGE 2 SHEET 6	126			378												
MOT STAGE 2 SHEET 7	146			436	430											
MOT STAGE 2 SHEET 8																
MOT STAGE 2 SHEET 9				780	509				1,109	787	1,896	236	236			
MOT STAGE 2 SHEET 10									2,219	1,676	3,895					
MOT STAGE 2 SHEET 11									618	534	752					
MOT STAGE 2 SHEET 12																
<b>MOT STAGE 3</b>																
MOT STAGE 3 SHEET 1																
MOT STAGE 3 SHEET 2																
MOT STAGE 3 SHEET 3																
MOT STAGE 3 SHEET 4																
MOT STAGE 3 SHEET 5																
MOT STAGE 3 SHEET 6																
MOT STAGE 3 SHEET 7				621	577				772	504						
MOT STAGE 3 SHEET 8																
MOT STAGE 3 SHEET 9									1,022	277	684					
MOT STAGE 3 SHEET 10									117	85				195		
MOT STAGE 3 SHEET 11									942	753	1,695			351		
<b>MOT STAGE 3A</b>																
MOT STAGE 3A SHEET 1	1,426	3,650	2,100													
MOT STAGE 3A SHEET 2		1,991														
MOT STAGE 3A SHEET 3																
MOT STAGE 3A SHEET 4																
MOT STAGE 3A SHEET 5									1,068						900 (TO STOCKPILE)	
MOT STAGE 3A SHEET 6	429	1,142	571						1,298							
MOT STAGE 3A SHEET 7	1,073	2,859	1,430													
MOT STAGE 3A SHEET 8	174	460	230													
MOT STAGE 3A SHEET 9														23		
MOT STAGE 3A SHEET 10														195		
MOT STAGE 3A SHEET 11									37	125	350	250	60	48		

FILE NAME = D876A91-SHT-SCH00-08.DGN

USER NAME = sbliwen

DESIGNED - SJM

REVISED - 07-30-10

DRAWN - BAH

REVISED - 04-20-11

PLOT SCALE = #SCALE#

CHECKED - SJM

REVISED -

PLOT DATE = 4/20/2011

DATE - 06-30-10

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
INTERSTATE 270**

SCALE: SHEET NO. 10 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	27d
CONTRACT NO. 76A91			ILLINOIS FED. AID PROJECT	



**MAINTENANCE OF TRAFFIC PAVEMENT MARKING SCHEDULE**

LOCATION	PAVEMENT MARKING REMOVAL (SQ FT)	TEMPORARY PAVEMENT MARKING - LINE 4"		EPOXY PAVEMENT MARKING - LINE 4"		LETTERS AND SYMBOLS (SQ FT)	WET REFLECTIVE TEMPORARY TAPE, TYPE III						TEMPORARY INFORMATION SIGNING (SQ FT)	MODULAR GLARE SCREEN SYSTEM (FOOT)	RELOCATE MODULAR GLARE SCREEN SYSTEM (FOOT)	
		WHITE (FOOT)	YELLOW (FOOT)	WHITE (FOOT)	YELLOW (FOOT)		4 INCH			6 INCH		24 INCH				
							WHITE (FOOT)	YELLOW (FOOT)	BLACK (FOOT)	WHITE (FOOT)	BLACK (FOOT)	WHITE (FOOT)				BLACK (FOOT)
<b>MOT STAGE 4</b>																
MOT STAGE 4 SHEET 1		600	300													
MOT STAGE 4 SHEET 2		1,625	1,000													
MOT STAGE 4 SHEET 3																
MOT STAGE 4 SHEET 4																
MOT STAGE 4 SHEET 5																
MOT STAGE 4 SHEET 6	176	467	234													
MOT STAGE 4 SHEET 7	647	5,700	2,850													
MOT STAGE 4 SHEET 8	190	987	608													
MOT STAGE 4 SHEET 9																
MOT STAGE 4 SHEET 10																
MOT STAGE 4 SHEET 11																
<b>MOT STAGE 4A</b>																
MOT STAGE 4A SHEET 1																
MOT STAGE 4A SHEET 2							500	250								
MOT STAGE 4A SHEET 3							2,600	1,300								
MOT STAGE 4A SHEET 4							800	400								
MOT STAGE 4A SHEET 5																
MOT STAGE 4A SHEET 6																
MOT STAGE 4A SHEET 7							5,331	2,737								900
MOT STAGE 4A SHEET 8							804	230								
MOT STAGE 4A SHEET 9																
MOT STAGE 4A SHEET 10																
MOT STAGE 4A SHEET 11																
<b>MOT STAGE 5</b>																
MOT STAGE 5 SHEET 1																
MOT STAGE 5 SHEET 2							1,200	600								
MOT STAGE 5 SHEET 3							800	400								
MOT STAGE 5 SHEET 4																
MOT STAGE 5 SHEET 5							1,324									
MOT STAGE 5 SHEET 6							1,400									
MOT STAGE 5 SHEET 7							5,984	2,848								
MOT STAGE 5 SHEET 8							604	230								
MOT STAGE 5 SHEET 9																
MOT STAGE 5 SHEET 10																
MOT STAGE 5 SHEET 11																
<b>MOT STAGE 6</b>																
MOT STAGE 6 SHEET 1																
MOT STAGE 6 SHEET 2																
MOT STAGE 6 SHEET 3																
MOT STAGE 6 SHEET 4																
MOT STAGE 6 SHEET 5																
MOT STAGE 6 SHEET 6							152									
MOT STAGE 6 SHEET 7							450	225								
MOT STAGE 6 SHEET 8							150	75								
MOT STAGE 6 SHEET 9							1,710	1,435	2,475			48	48			
<b>MOT STAGE 7</b>																
MOT STAGE 7 SHEET 1							1,494	2,450								
MOT STAGE 7 SHEET 2							325	325								
<b>SUMMARY</b>																
TOTAL	8,716	39,090		30,331		37	64,586		722		204		764	1,800	1,800	
CONTINGENCY (SEE NOTE)		3,909		7,583		4	6,459		72		20					
GRAND TOTAL	8,716	42,999		37,914		41	71,045		794		224		764	1,800	1,800	

NOTE: 10% CONTINGENCY FOR TEMPORARY PAVEMENT MARKINGS AND WET REFLECTIVE TAPE TYPE III, TO ACCOUNT FOR DAMAGE TO MARKINGS, 25% FOR EPOXY MARKINGS DUE TO THE LENGTH OF TIME THAT THEY ARE USED.

FILE NAME = 0876A91-SHT-SCH00-09.DGN

USER NAME = sbilven

DESIGNED SJM

REVISED -07-30-10

DRAWN BAH

REVISED - 04-20-11

PLOT SCALE = #SCALE\*

CHECKED SJM

REVISED -

PLOT DATE = 4/28/2011

DATE 06-30-10

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

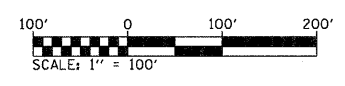
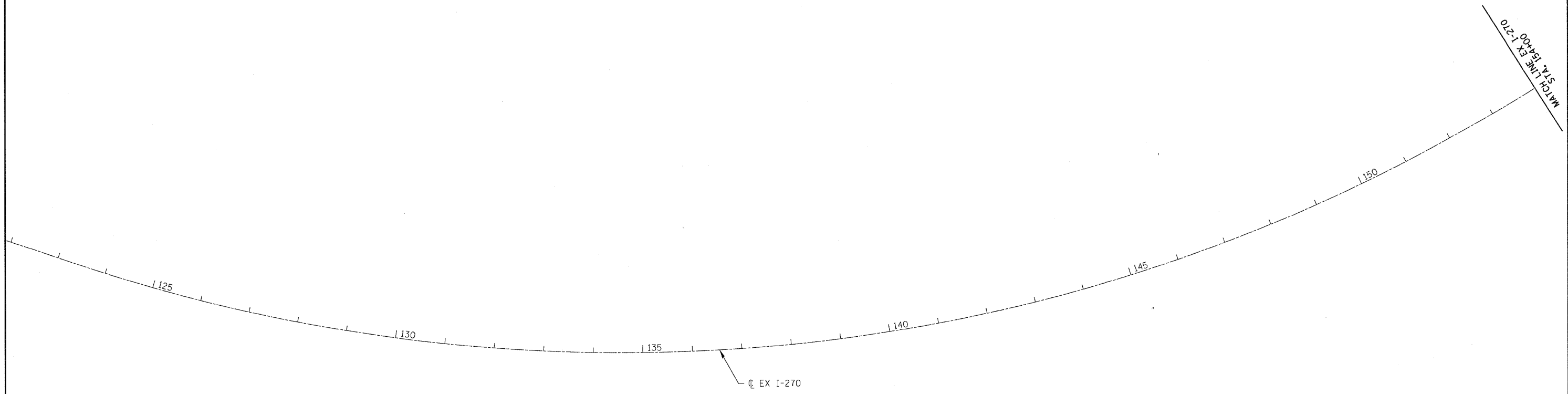
**SCHEDULE OF QUANTITIES  
INTERSTATE 270**

SCALE: SHEET NO. 11 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	27e
CONTRACT NO. 76A91			ILLINOIS FED. AID PROJECT	



MATCH LINE EX 1-270  
STA. 154+00



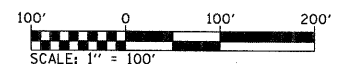
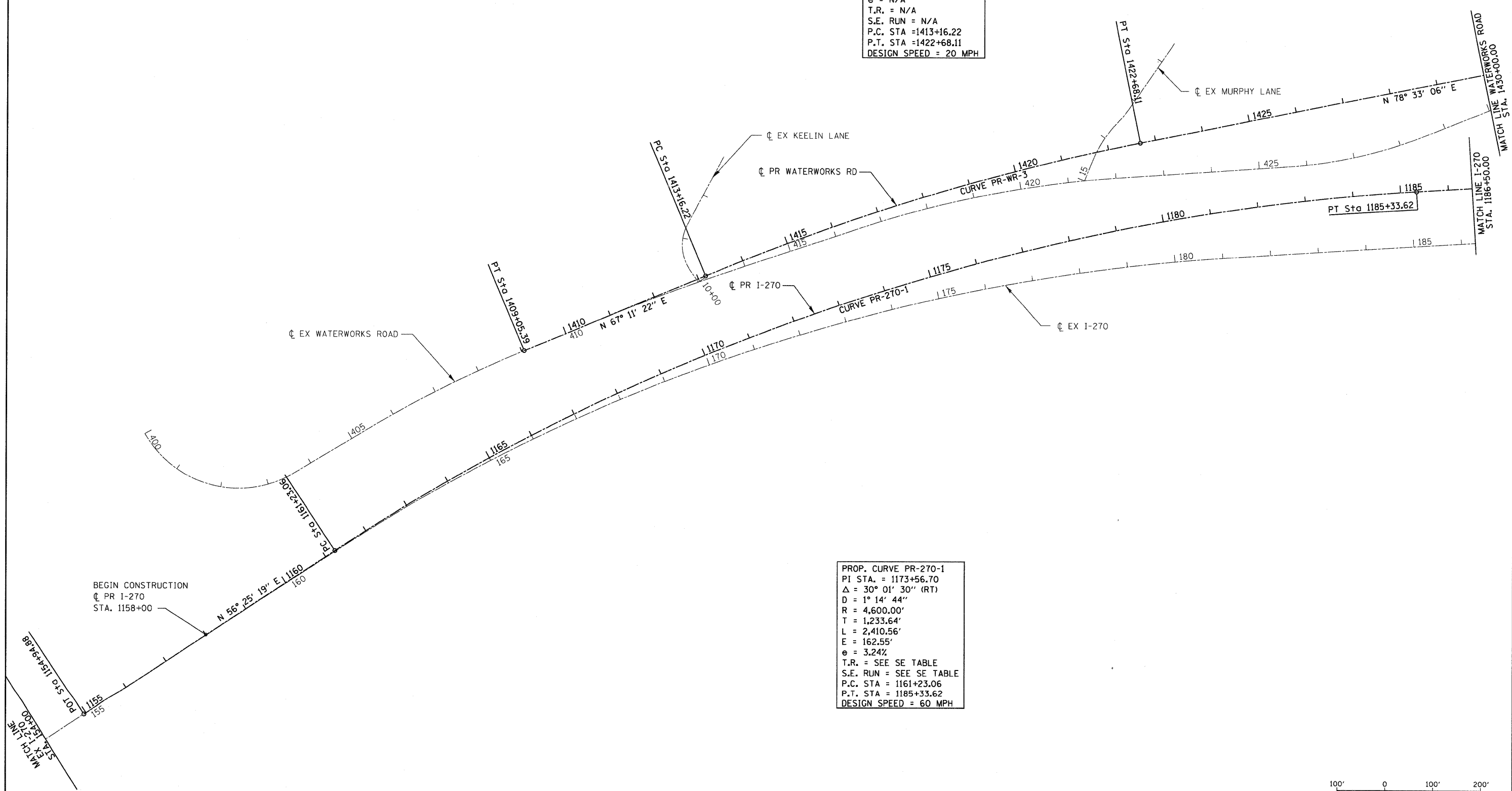
NAVD 1929 = 1983

FILE NAME = D876A91-Sht-ATB01.dgn	USER NAME = mmcconechie	DESIGNED - CLS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS AND TIES	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 28
	PLOT SCALE = 100.0000' / IN.	CHECKED - CLS	REVISED -			SCALE: 1" = 100'	SHEET NO. 1 OF 10 SHEETS	STA. EX 122+00 TO STA. EX 154+00	ILLINOIS FED. AID PROJECT CONTRACT NO. 76A91	
<b>VOLKERT</b>	PLOT DATE = 3/15/2011	DATE - 3/18/2011	REVISED -							



PROP. CURVE PR-WR-3  
 PI STA. = 1417+93.73  
 $\Delta = 11^\circ 21' 44''$  (RT)  
 $D = 1^\circ 11' 37''$   
 $R = 4,800.00'$   
 $T = 477.51'$   
 $L = 951.89'$   
 $E = 23.69'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA = 1413+16.22$   
 $P.T. STA = 1422+68.11$   
 DESIGN SPEED = 20 MPH

PROP. CURVE PR-270-1  
 PI STA. = 1173+56.70  
 $\Delta = 30^\circ 01' 30''$  (RT)  
 $D = 1^\circ 14' 44''$   
 $R = 4,600.00'$   
 $T = 1,233.64'$   
 $L = 2,410.56'$   
 $E = 162.55'$   
 $e = 3.24\%$   
 $T.R. = \text{SEE SE TABLE}$   
 $S.E. RUN = \text{SEE SE TABLE}$   
 $P.C. STA = 1161+23.06$   
 $P.T. STA = 1185+33.62$   
 DESIGN SPEED = 60 MPH



FILE NAME = DB76A91-Sht-ATB02.dgn  
**VOLKERT**

USER NAME = mmccanachie	DESIGNED - CLS	REVISIONS
PLOT SCALE = 100,0000' / IN.	DRAWN - MAM	REVISIONS
PLOT DATE = 3/15/2011	CHECKED - CLS	REVISIONS
	DATE - 3/18/2011	REVISIONS

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

**ALIGNMENTS AND TIES**  
 SCALE: 1" = 100' SHEET NO. 2 OF 10 SHEETS STA. EX 154+00 TO STA. 1186+50

F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 29
CONTRACT NO. 76A91				ILLINOIS FED. AID PROJECT

NAVD 1929 = 1983

PROP. CURVE PR-WR-4  
 PI STA. = 1436+25.33  
 $\Delta = 73^\circ 21' 58''$  (RT)  
 D = 25° 27' 53"  
 R = 225.00'  
 T = 167.61'  
 L = 288.11'  
 E = 55.57'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 1434+57.72  
 P.C.C. STA = 1437+45.83  
 DESIGN SPEED = 20 MPH

PROP. CURVE PR-WR-5  
 PI STA. = 1438+78.81  
 $\Delta = 57^\circ 58' 38''$  (RT)  
 D = 23° 52' 24"  
 R = 240.00'  
 T = 132.97'  
 L = 242.86'  
 E = 34.37'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 1437+45.83  
 P.T. STA = 1439+88.69  
 DESIGN SPEED = 20 MPH

PROP. CURVE PR-LRE-3  
 PI STA. = 345+42.13  
 $\Delta = 44^\circ 46' 01''$  (LT)  
 D = 54° 34' 03"  
 R = 105.00'  
 T = 43.24'  
 L = 82.04'  
 E = 8.56'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 344+98.89  
 P.T. STA = 345+80.93

PROP. CURVE PR-LRE-4  
 PI STA. = 347+68.65  
 $\Delta = 44^\circ 19' 49''$  (RT)  
 D = 54° 34' 03"  
 R = 105.00'  
 T = 42.78'  
 L = 81.24'  
 E = 8.38'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 347+25.88  
 P.T. STA = 348+07.12

PROP. CURVE PR-NACC-1  
 PI STA. = 177+87.56  
 $\Delta = 23^\circ 06' 47''$  (LT)  
 D = 14° 19' 26"  
 R = 400.00'  
 T = 81.79'  
 L = 161.36'  
 E = 8.28'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 177+05.77  
 P.C.C. STA = 178+67.13

PROP. CURVE PR-NACC-2  
 PI STA. = 180+00.63  
 $\Delta = 18^\circ 02' 15''$  (LT)  
 D = 6° 48' 42"  
 R = 841.13'  
 T = 133.50'  
 L = 264.80'  
 E = 10.53'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 178+67.13  
 P.T. STA = 181+31.93

PROP. CURVE PR-WR-6  
 PI STA. = 1443+36.56  
 $\Delta = 25^\circ 02' 19''$  (RT)  
 D = 14° 19' 26"  
 R = 400.00'  
 T = 88.82'  
 L = 174.80'  
 E = 9.74'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 1442+47.74  
 P.T. STA = 1444+22.54

PROP. CURVE PR-270-2  
 PI STA. = 1216+98.07  
 $\Delta = 8^\circ 15' 18''$  (RT)  
 D = 1° 35' 30"  
 R = 3,600.00'  
 T = 259.78'  
 L = 518.67'  
 E = 9.36'  
 e = 3.84%  
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA = 1214+38.29  
 P.T. STA = 1219+56.96  
 DESIGN SPEED = 60 MPH

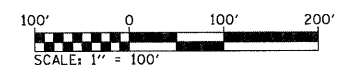
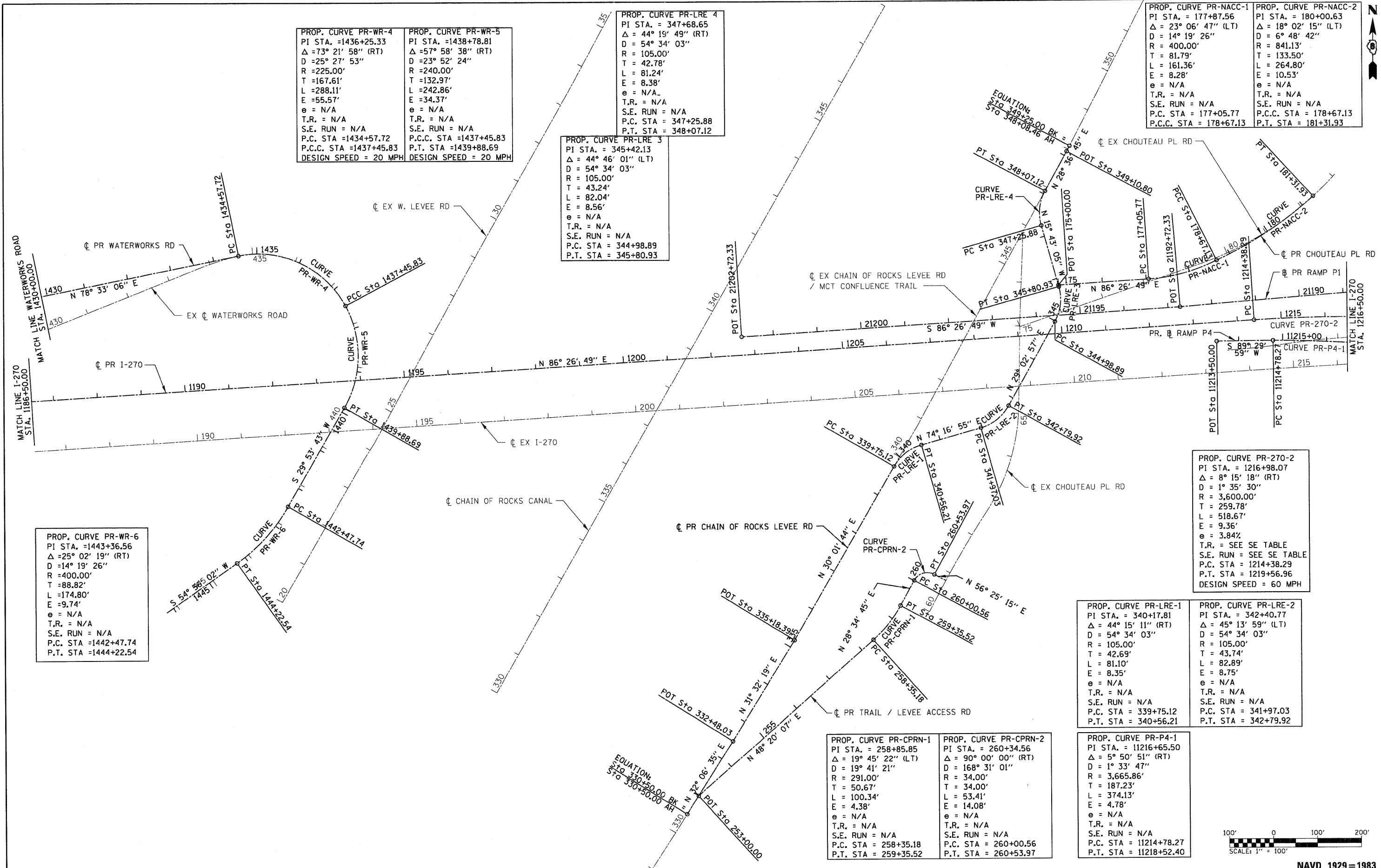
PROP. CURVE PR-LRE-1  
 PI STA. = 340+17.81  
 $\Delta = 44^\circ 15' 11''$  (RT)  
 D = 54° 34' 03"  
 R = 105.00'  
 T = 42.69'  
 L = 81.10'  
 E = 8.35'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 339+75.12  
 P.T. STA = 340+56.21

PROP. CURVE PR-LRE-2  
 PI STA. = 342+40.77  
 $\Delta = 45^\circ 13' 59''$  (LT)  
 D = 54° 34' 03"  
 R = 105.00'  
 T = 43.74'  
 L = 82.89'  
 E = 8.75'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 341+97.03  
 P.T. STA = 342+79.92

PROP. CURVE PR-CPRN-1  
 PI STA. = 258+85.85  
 $\Delta = 19^\circ 45' 22''$  (LT)  
 D = 19° 41' 21"  
 R = 291.00'  
 T = 50.67'  
 L = 100.34'  
 E = 4.38'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 258+35.18  
 P.T. STA = 259+35.52

PROP. CURVE PR-CPRN-2  
 PI STA. = 260+34.56  
 $\Delta = 90^\circ 00' 00''$  (RT)  
 D = 168° 31' 01"  
 R = 34.00'  
 T = 34.00'  
 L = 53.41'  
 E = 14.08'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 260+00.56  
 P.T. STA = 260+53.97

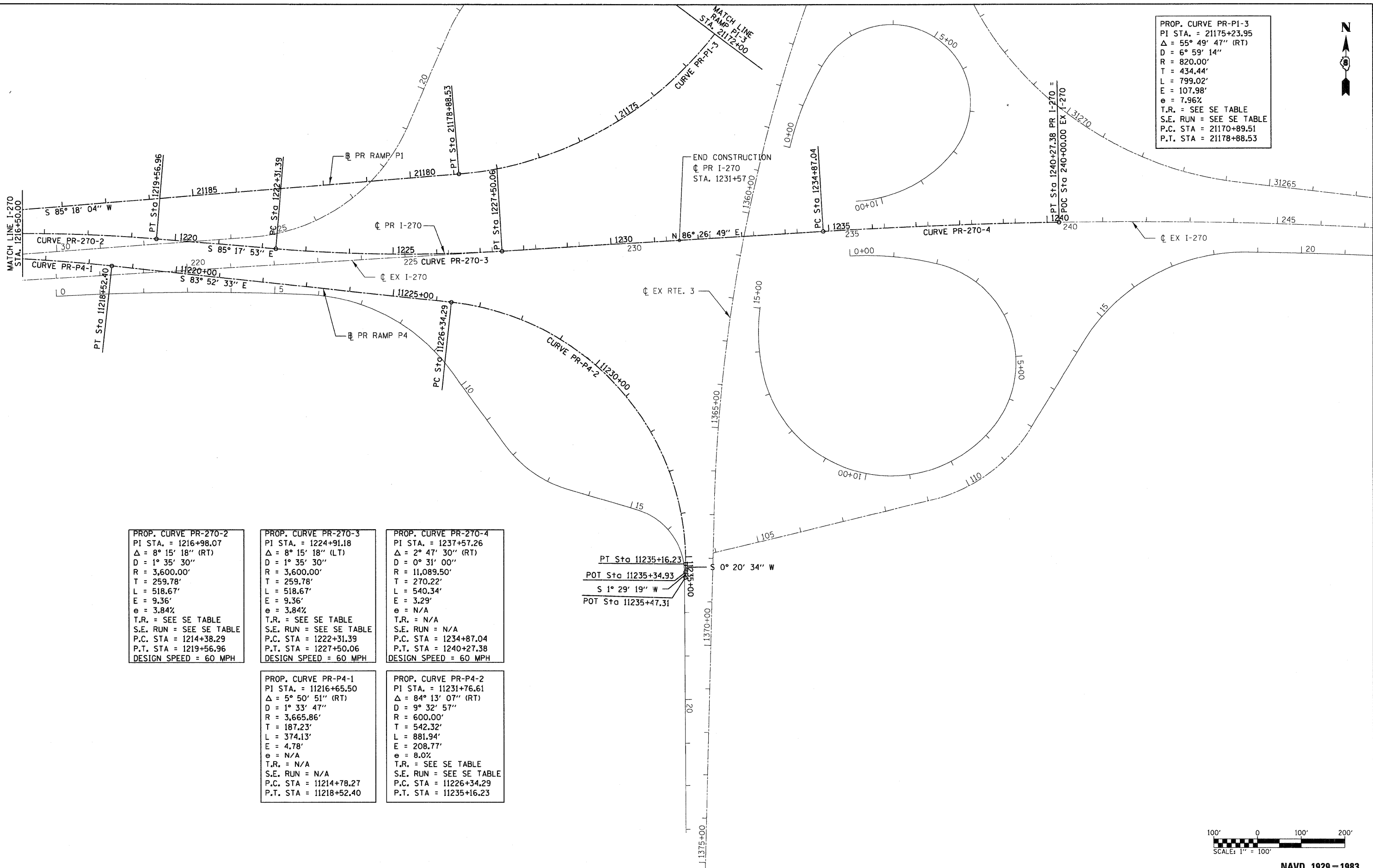
PROP. CURVE PR-P4-1  
 PI STA. = 11216+65.50  
 $\Delta = 5^\circ 50' 51''$  (RT)  
 D = 1° 33' 47"  
 R = 3,665.86'  
 T = 187.23'  
 L = 374.13'  
 E = 4.78'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 11214+78.27  
 P.T. STA = 11218+52.40



NAVD 1929=1983

FILE NAME = DB76A91-Sh-ATB03.dgn	USER NAME = mmcconachie	DESIGNED - CLS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENTS AND TIES</b>	F.A.I. RTE. = 270	SECTION = 60-1B-1	COUNTY = MADISON	TOTAL SHEETS = 712	SHEET NO. = 30		
PLOT SCALE = 100.0000' / IN.	CHECKED - CLS	DRAWN - MAM	REVISED -			SCALE: 1" = 100'	SHEET NO. 3 OF 10 SHEETS	STA. 1186+50 TO STA. 1216+50	CONTRACT NO. 76A91			
PLOT DATE = 3/15/2011	CHECKED -	DATE = 3/18/2011	REVISED -			ILLINOIS FED. AID PROJECT						

PROP. CURVE PR-PI-3  
 PI STA. = 21175+23.95  
 $\Delta = 55^\circ 49' 47''$  (RT)  
 $D = 6^\circ 59' 14''$   
 $R = 820.00'$   
 $T = 434.44'$   
 $L = 799.02'$   
 $E = 107.98'$   
 $e = 7.96\%$   
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA = 21170+89.51  
 P.T. STA = 21178+88.53



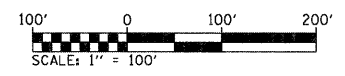
PROP. CURVE PR-270-2  
 PI STA. = 1216+98.07  
 $\Delta = 8^\circ 15' 18''$  (RT)  
 $D = 1^\circ 35' 30''$   
 $R = 3,600.00'$   
 $T = 259.78'$   
 $L = 518.67'$   
 $E = 9.36'$   
 $e = 3.84\%$   
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA = 1214+38.29  
 P.T. STA = 1219+56.96  
 DESIGN SPEED = 60 MPH

PROP. CURVE PR-270-3  
 PI STA. = 1224+91.18  
 $\Delta = 8^\circ 15' 18''$  (LT)  
 $D = 1^\circ 35' 30''$   
 $R = 3,600.00'$   
 $T = 259.78'$   
 $L = 518.67'$   
 $E = 9.36'$   
 $e = 3.84\%$   
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA = 1222+31.39  
 P.T. STA = 1227+50.06  
 DESIGN SPEED = 60 MPH

PROP. CURVE PR-270-4  
 PI STA. = 1237+57.26  
 $\Delta = 2^\circ 47' 30''$  (RT)  
 $D = 0^\circ 31' 00''$   
 $R = 11,089.50'$   
 $T = 270.22'$   
 $L = 540.34'$   
 $E = 3.29'$   
 $e = N/A$   
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 1234+87.04  
 P.T. STA = 1240+27.38  
 DESIGN SPEED = 60 MPH

PROP. CURVE PR-P4-1  
 PI STA. = 11216+65.50  
 $\Delta = 5^\circ 50' 51''$  (RT)  
 $D = 1^\circ 33' 47''$   
 $R = 3,665.86'$   
 $T = 187.23'$   
 $L = 374.13'$   
 $E = 4.78'$   
 $e = N/A$   
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 11214+78.27  
 P.T. STA = 11218+52.40

PROP. CURVE PR-P4-2  
 PI STA. = 11231+76.61  
 $\Delta = 84^\circ 13' 07''$  (RT)  
 $D = 9^\circ 32' 57''$   
 $R = 600.00'$   
 $T = 542.32'$   
 $L = 881.94'$   
 $E = 208.77'$   
 $e = 8.0\%$   
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA = 11226+34.29  
 P.T. STA = 11235+16.23



FILE NAME = D876A91-Sh1-ATB04.dgn  
**VOLKERT**

USER NAME = mmccanachie  
 DESIGNED - CLS  
 DRAWN - MAM  
 CHECKED - CLS  
 PLOT DATE = 3/15/2011  
 DATE = 3/18/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS AND TIES**

SCALE: 1" = 100' SHEET NO. 4 OF 10 SHEETS STA. 1216+50 TO STA. 1240+27.38

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	31
ILLINOIS FED. AID PROJECT				CONTRACT NO. 76A91

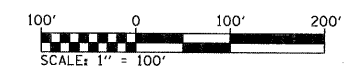
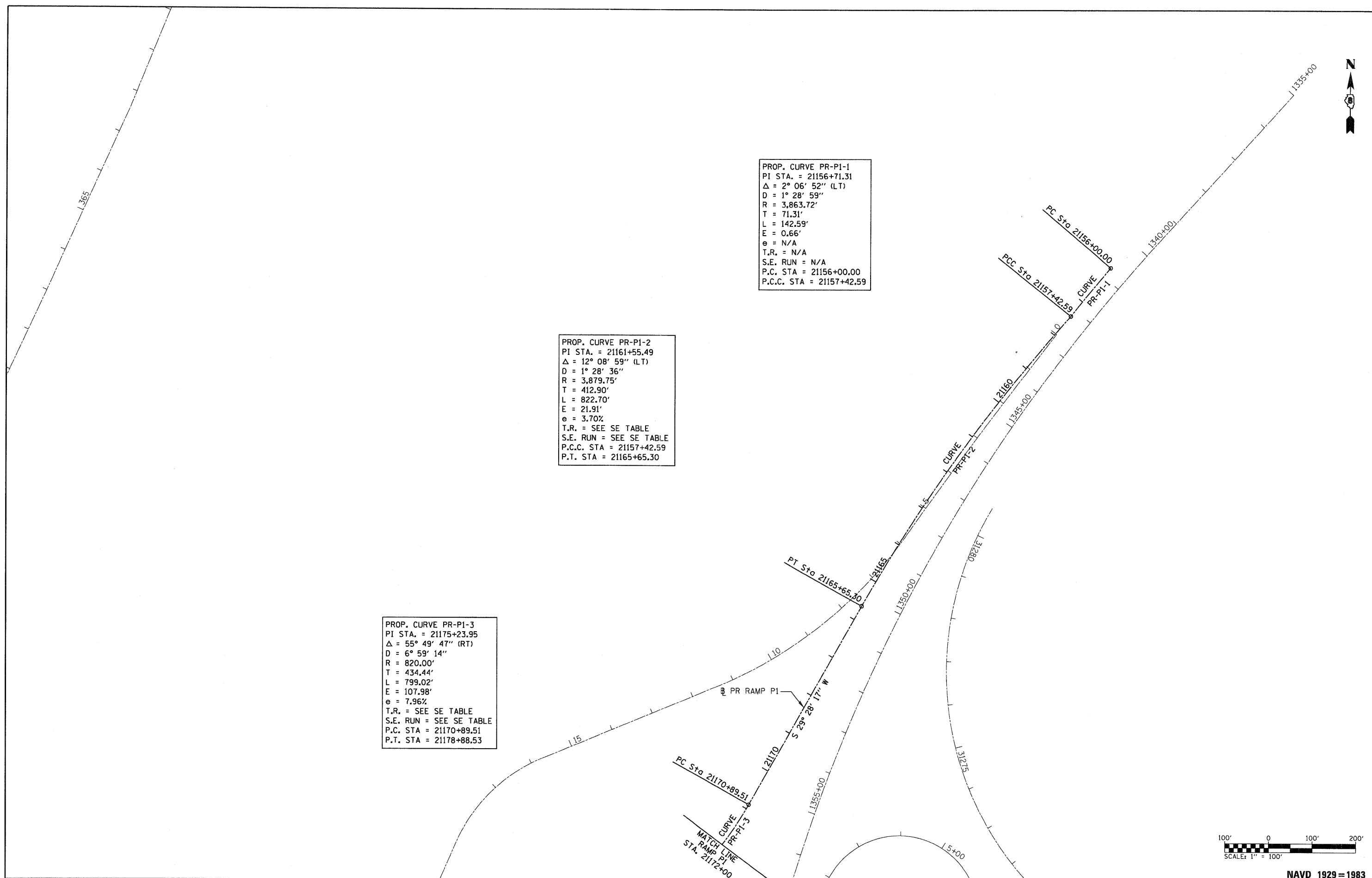
NAVD 1929=1983




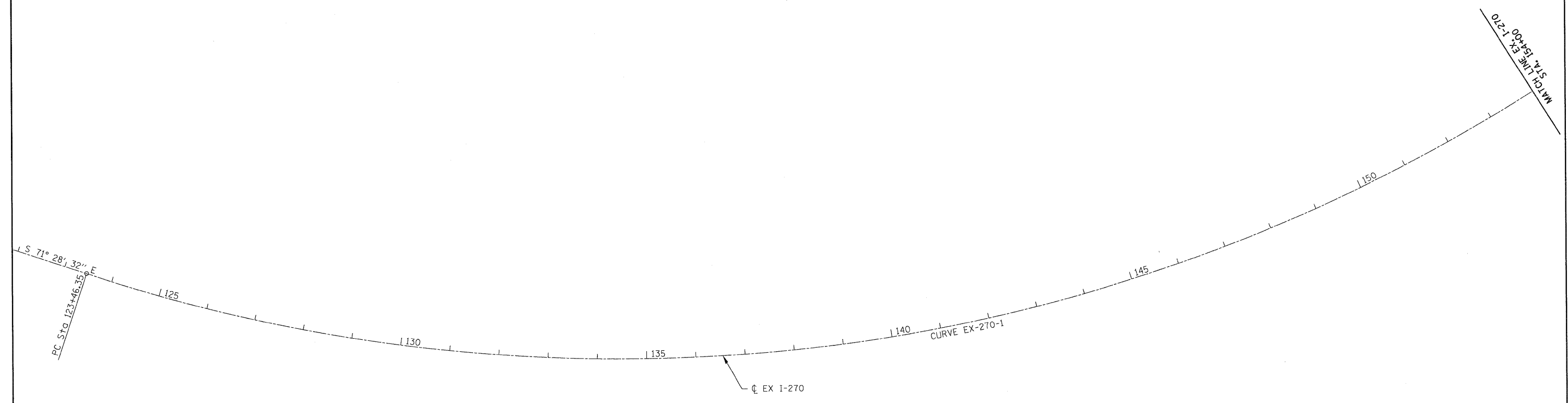
PROP. CURVE PR-P1-1  
 PI STA. = 21156+71.31  
 $\Delta = 2^\circ 06' 52''$  (LT)  
 $D = 1^\circ 28' 59''$   
 $R = 3,863.72'$   
 $T = 71.31'$   
 $L = 142.59'$   
 $E = 0.66'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA = 21156+00.00$   
 $P.C.C. STA = 21157+42.59$

PROP. CURVE PR-P1-2  
 PI STA. = 21161+55.49  
 $\Delta = 12^\circ 08' 59''$  (LT)  
 $D = 1^\circ 28' 36''$   
 $R = 3,879.75'$   
 $T = 412.90'$   
 $L = 822.70'$   
 $E = 21.91'$   
 $e = 3.70\%$   
 $T.R. = \text{SEE SE TABLE}$   
 $S.E. RUN = \text{SEE SE TABLE}$   
 $P.C.C. STA = 21157+42.59$   
 $P.T. STA = 21165+65.30$

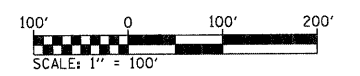
PROP. CURVE PR-P1-3  
 PI STA. = 21175+23.95  
 $\Delta = 55^\circ 49' 47''$  (RT)  
 $D = 6^\circ 59' 14''$   
 $R = 820.00'$   
 $T = 434.44'$   
 $L = 799.02'$   
 $E = 107.98'$   
 $e = 7.96\%$   
 $T.R. = \text{SEE SE TABLE}$   
 $S.E. RUN = \text{SEE SE TABLE}$   
 $P.C. STA = 21170+89.51$   
 $P.T. STA = 21178+88.53$



FILE NAME = DB76A91-Sh1-ATB05.dgn 	USER NAME = mmcoachie	DESIGNED - CLS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENTS AND TIES</b>	F.A.I. RTE. = 270	SECTION = 60-1B-1	COUNTY = MADISON	TOTAL SHEETS = 712	SHEET NO. = 32
	PLOT SCALE = 100.0000' / IN.	CHECKED - CLS	REVISED -			SCALE: 1" = 100'	SHEET NO. 5 OF 10 SHEETS	STA. 21156+00 TO STA. 21172+00	NAVD 1929 = 1983 CONTRACT NO. 76A91 ILLINOIS FED. AID PROJECT	
PLOT DATE = 3/15/2011	DATE = 3/18/2011	REVISED -	REVISED -							



EXIST. CURVE EX-270-1  
 PI STA. = 140+24.95  
 $\Delta$  = 51° 56' 16" (LT)  
 D = 1° 39' 45"  
 R = 3,446.39'  
 T = 1,678.60'  
 L = 3,124.11'  
 E = 387.06'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 123+46.35  
 P.T. STA. = 154+70.46



NAVD 1929=1983

FILE NAME = D876A91-Sht-ATB06.dgn <b>VOLKERT</b>	USER NAME = mmcconchie	DESIGNED - CLS	REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING ALIGNMENTS</b>		F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 33
	PLOT SCALE = 100.0000' / IN. PLOT DATE = 3/15/2011	DRAWN - MAM CHECKED - CLS DATE - 3/18/2011	REVISED - REVISED - REVISED -		SCALE: 1" = 100' SHEET NO. 6 OF 10 SHEETS STA. EX 122+00 TO STA. EX 154+00	ILLINOIS FED. AID PROJECT			CONTRACT NO. 76A91		



EXIST. CURVE EX-ML-1  
 PI STA. = 15+95.80  
 $\Delta = 22^\circ 01' 34''$  (RT)  
 $D = 23^\circ 52' 24''$   
 $R = 240.00'$   
 $T = 46.71'$   
 $L = 92.26'$   
 $E = 4.50'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 15+49.09$   
 $P.R.C. STA. = 16+41.35$

EXIST. CURVE EX-ML-2  
 PI STA. = 16+62.18  
 $\Delta = 9^\circ 55' 07''$  (LT)  
 $D = 23^\circ 52' 24''$   
 $R = 240.00'$   
 $T = 20.83'$   
 $L = 41.55'$   
 $E = 0.90'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.R.C. STA. = 16+41.35$   
 $P.T. STA. = 16+82.90$

EXIST. CURVE EX-WR-5  
 PI STA. = 427+07.64  
 $\Delta = 17^\circ 57' 09''$  (LT)  
 $D = 6^\circ 11' 39''$   
 $R = 925.00'$   
 $T = 146.11'$   
 $L = 289.83'$   
 $E = 11.47'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 425+61.53$   
 $P.T. STA. = 428+51.36$

EXIST. CURVE EX-KL-1  
 PI STA. = 10+86.27  
 $\Delta = 62^\circ 13' 02''$  (RT)  
 $D = 63^\circ 39' 43''$   
 $R = 90.00'$   
 $T = 54.31'$   
 $L = 97.73'$   
 $E = 15.12'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 10+31.96$   
 $P.T. STA. = 11+29.69$

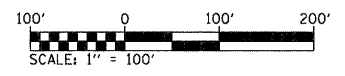
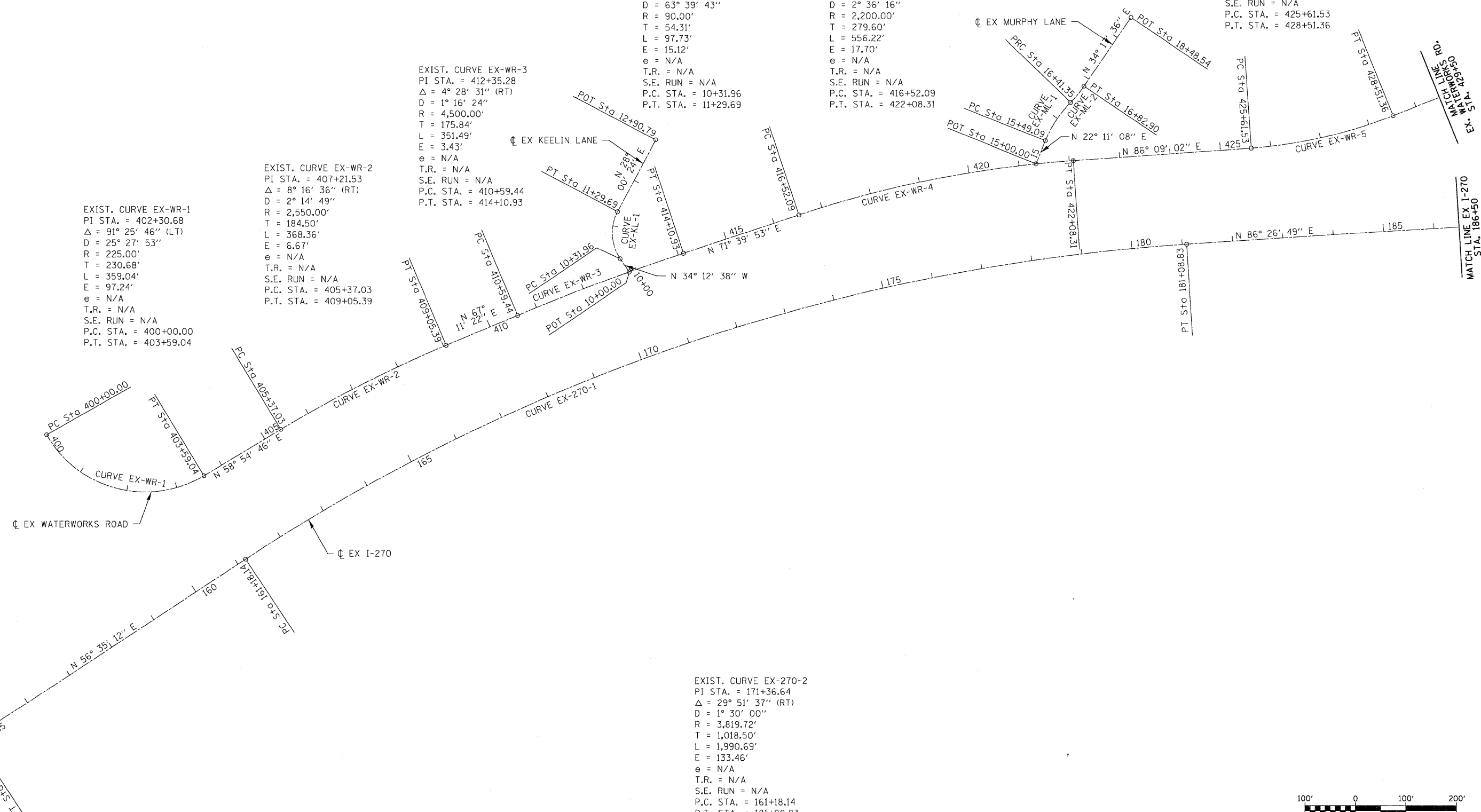
EXIST. CURVE EX-WR-4  
 PI STA. = 419+31.69  
 $\Delta = 14^\circ 29' 09''$  (RT)  
 $D = 2^\circ 36' 16''$   
 $R = 2,200.00'$   
 $T = 279.60'$   
 $L = 556.22'$   
 $E = 17.70'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 416+52.09$   
 $P.T. STA. = 422+08.31$

EXIST. CURVE EX-WR-3  
 PI STA. = 412+35.28  
 $\Delta = 4^\circ 28' 31''$  (RT)  
 $D = 1^\circ 16' 24''$   
 $R = 4,500.00'$   
 $T = 175.84'$   
 $L = 351.49'$   
 $E = 3.43'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 410+59.44$   
 $P.T. STA. = 414+10.93$

EXIST. CURVE EX-WR-2  
 PI STA. = 407+21.53  
 $\Delta = 8^\circ 16' 36''$  (RT)  
 $D = 2^\circ 14' 49''$   
 $R = 2,550.00'$   
 $T = 184.50'$   
 $L = 368.36'$   
 $E = 6.67'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 405+37.03$   
 $P.T. STA. = 409+05.39$

EXIST. CURVE EX-WR-1  
 PI STA. = 402+30.68  
 $\Delta = 91^\circ 25' 46''$  (LT)  
 $D = 25^\circ 27' 53''$   
 $R = 225.00'$   
 $T = 230.68'$   
 $L = 359.04'$   
 $E = 97.24'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 400+00.00$   
 $P.T. STA. = 403+59.04$

EXIST. CURVE EX-270-2  
 PI STA. = 171+36.64  
 $\Delta = 29^\circ 51' 37''$  (RT)  
 $D = 1^\circ 30' 00''$   
 $R = 3,819.72'$   
 $T = 1,018.50'$   
 $L = 1,990.69'$   
 $E = 133.46'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 161+18.14$   
 $P.T. STA. = 181+08.83$



NAVD 1929 = 1983

FILE NAME = D876A91-Shr-ATB87.dgn 	USER NAME = mmcconchie	DESIGNED - CLS DRAWN - MAM	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING ALIGNMENTS</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 34
	PLOT SCALE = 100.0000' / IN. PLOT DATE = 3/15/2011	CHECKED - CLS DATE - 3/18/2011	SCALE: 1" = 100' SHEET NO. 7 OF 10 SHEETS STA. EX 154+00 TO STA. EX 186+50			CONTRACT NO. 76A91 ILLINOIS FED. AID PROJECT				





EXIST. CURVE EX-WR-6  
 PI STA. = 434+16.25  
 $\Delta = 8^\circ 17' 19''$  (RT)  
 $D = 9^\circ 32' 57''$   
 $R = 600.00'$   
 $T = 43.48'$   
 $L = 86.80'$   
 $E = 1.57'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 433+72.77$   
 $P.C.C. STA. = 434+59.57$

EXIST. CURVE EX-WR-7  
 PI STA. = 436+33.57  
 $\Delta = 75^\circ 25' 51''$  (RT)  
 $D = 25^\circ 27' 53''$   
 $R = 225.00'$   
 $T = 174.00'$   
 $L = 296.22'$   
 $E = 59.43'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C.C. STA. = 434+59.57$   
 $P.C.C. STA. = 437+55.79$

EXIST. CURVE EX-WR-8  
 PI STA. = 438+88.76  
 $\Delta = 57^\circ 58' 39''$  (RT)  
 $D = 23^\circ 52' 24''$   
 $R = 240.00'$   
 $T = 132.97'$   
 $L = 242.86'$   
 $E = 34.38'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C.C. STA. = 437+55.79$   
 $P.T. STA. = 439+98.64$

EXIST. CURVE EX-CPRE-1  
 PI STA. = 81+23.64  
 $\Delta = 29^\circ 39' 15''$  (LT)  
 $D = 7^\circ 54' 10''$   
 $R = 725.00'$   
 $T = 191.92'$   
 $L = 375.23'$   
 $E = 24.97'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 79+31.72$   
 $P.T. STA. = 83+06.96$

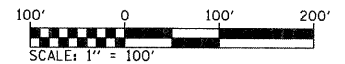
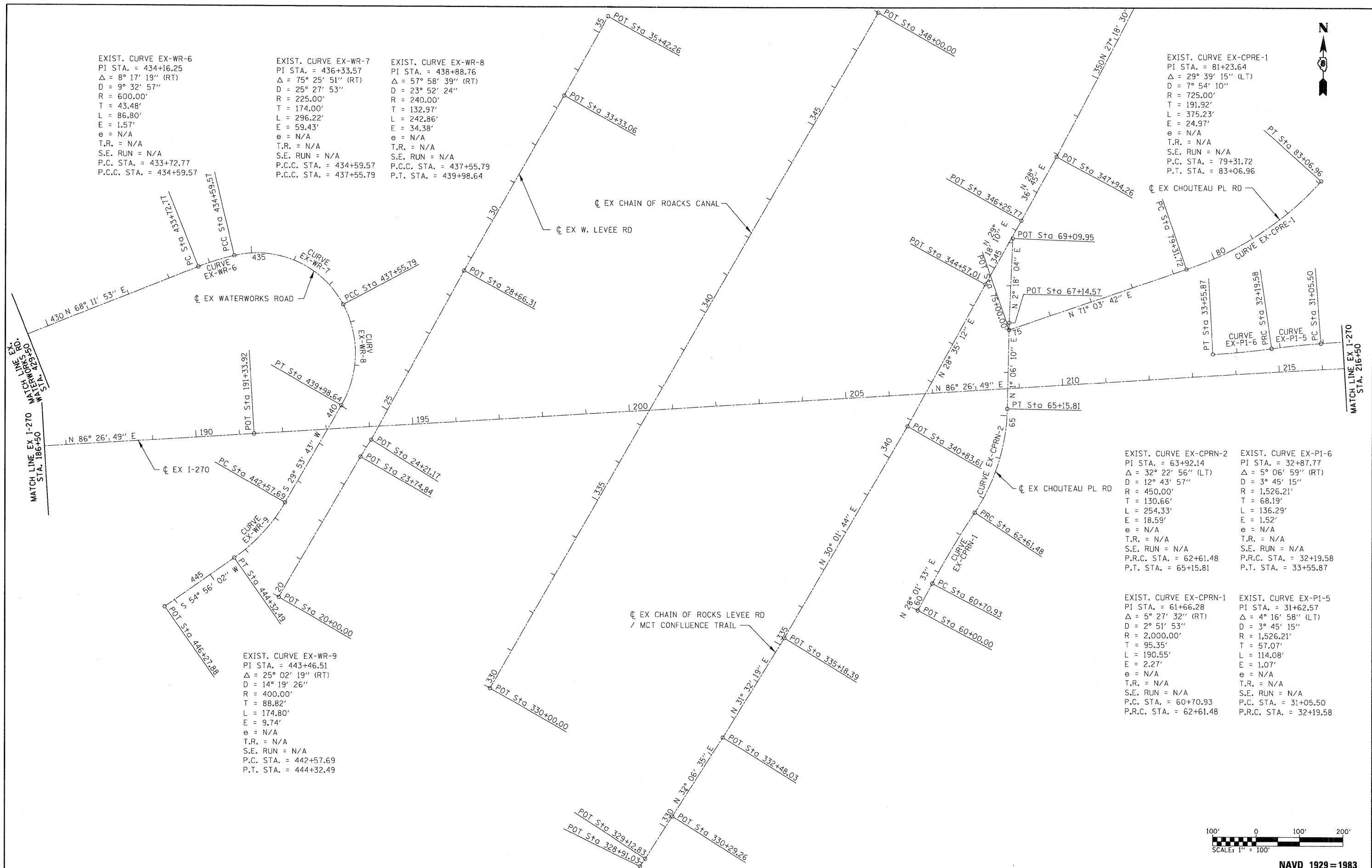
EXIST. CURVE EX-CPRN-2  
 PI STA. = 63+92.14  
 $\Delta = 32^\circ 22' 56''$  (LT)  
 $D = 12^\circ 43' 57''$   
 $R = 450.00'$   
 $T = 130.66'$   
 $L = 254.33'$   
 $E = 18.59'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.R.C. STA. = 62+61.48$   
 $P.T. STA. = 65+15.81$

EXIST. CURVE EX-P1-6  
 PI STA. = 32+87.77  
 $\Delta = 5^\circ 06' 59''$  (RT)  
 $D = 3^\circ 45' 15''$   
 $R = 1,526.21'$   
 $T = 68.19'$   
 $L = 136.29'$   
 $E = 1.52'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.R.C. STA. = 32+19.58$   
 $P.T. STA. = 33+55.87$

EXIST. CURVE EX-CPRN-1  
 PI STA. = 61+66.28  
 $\Delta = 5^\circ 27' 32''$  (RT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 95.35'$   
 $L = 190.55'$   
 $E = 2.27'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 60+70.93$   
 $P.R.C. STA. = 62+61.48$

EXIST. CURVE EX-P1-5  
 PI STA. = 31+62.57  
 $\Delta = 4^\circ 16' 58''$  (LT)  
 $D = 3^\circ 45' 15''$   
 $R = 1,526.21'$   
 $T = 57.07'$   
 $L = 114.08'$   
 $E = 1.07'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 31+05.50$   
 $P.R.C. STA. = 32+19.58$

EXIST. CURVE EX-WR-9  
 PI STA. = 443+46.51  
 $\Delta = 25^\circ 02' 19''$  (RT)  
 $D = 14^\circ 19' 26''$   
 $R = 400.00'$   
 $T = 88.82'$   
 $L = 174.80'$   
 $E = 9.74'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 442+57.69$   
 $P.T. STA. = 444+32.49$



FILE NAME = 0876A91-Sh1-ATB08.dgn <b>VOLKERT</b>	USER NAME = mmcconchie	DESIGNED - CLS DRAWN - MAM	REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING ALIGNMENTS</b>	F.A.I. RTE. = 270	SECTION = 60-IB-1	COUNTY = MADISON	TOTAL SHEETS = 712	SHEET NO. = 35
	PLOT SCALE = 100,0000' / IN. PLOT DATE = 3/15/2011	CHECKED - CLS DATE = 3/18/2011	SCALE: 1" = 100' SHEET NO. 8 OF 10 SHEETS STA. EX 186+50 TO STA. EX 216+50			CONTRACT NO. 76A91 ILLINOIS FED. AID PROJECT				

NAVD 1929 = 1983



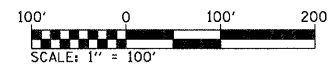
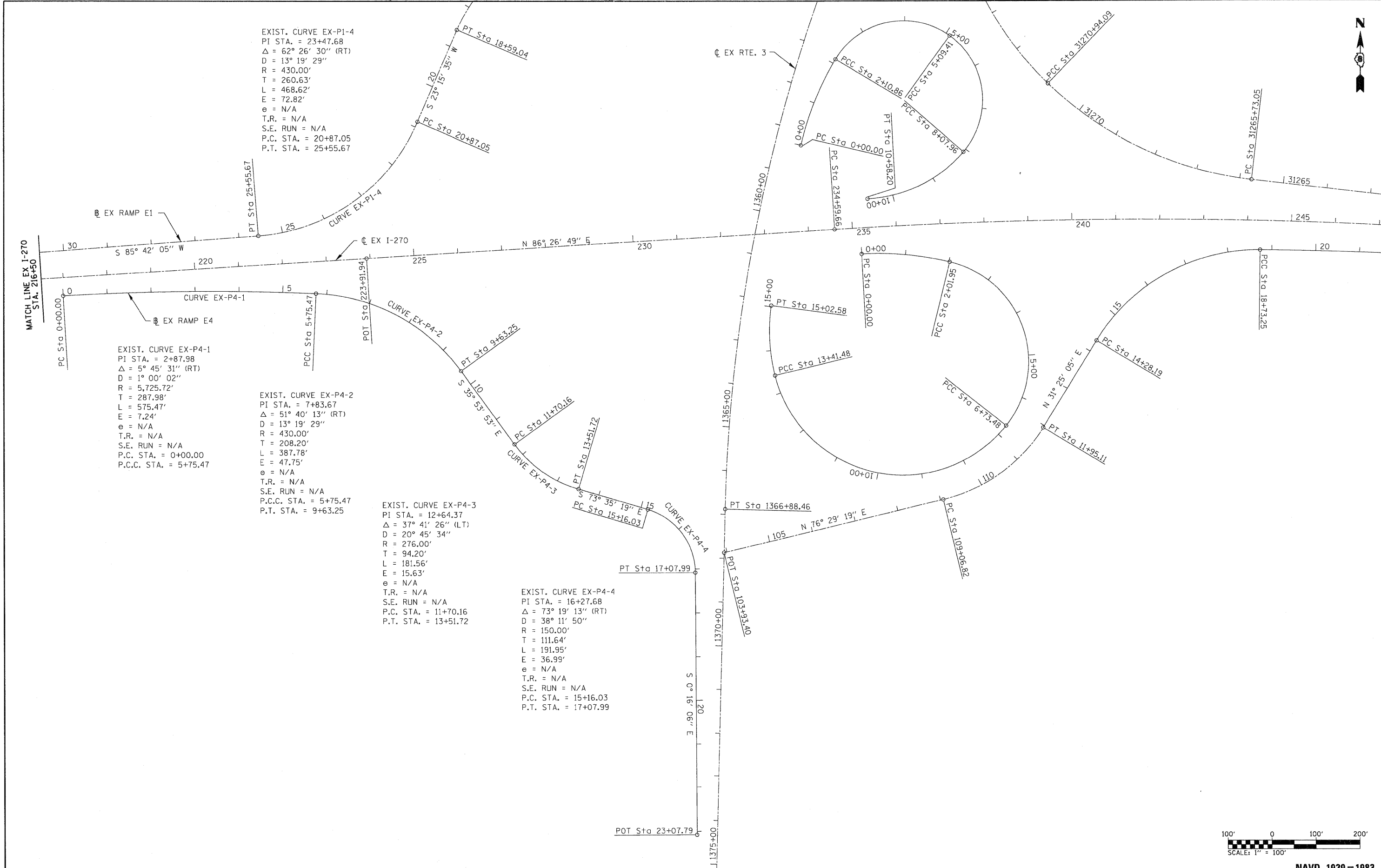
EXIST. CURVE EX-P1-4  
 PI STA. = 23+47.68  
 $\Delta = 62^\circ 26' 30''$  (RT)  
 D = 13' 19' 29"  
 R = 430.00'  
 T = 260.63'  
 L = 468.62'  
 E = 72.82'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 20+87.05  
 P.T. STA. = 25+55.67

EXIST. CURVE EX-P4-1  
 PI STA. = 2+87.98  
 $\Delta = 5^\circ 45' 31''$  (RT)  
 D = 1' 00' 02"  
 R = 5,725.72'  
 T = 287.98'  
 L = 575.47'  
 E = 7.24'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 0+00.00  
 P.C.C. STA. = 5+75.47

EXIST. CURVE EX-P4-2  
 PI STA. = 7+83.67  
 $\Delta = 51^\circ 40' 13''$  (RT)  
 D = 13' 19' 29"  
 R = 430.00'  
 T = 208.20'  
 L = 387.78'  
 E = 47.75'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C.C. STA. = 5+75.47  
 P.T. STA. = 9+63.25

EXIST. CURVE EX-P4-3  
 PI STA. = 12+64.37  
 $\Delta = 37^\circ 41' 26''$  (LT)  
 D = 20' 45' 34"  
 R = 276.00'  
 T = 94.20'  
 L = 181.56'  
 E = 15.63'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 11+70.16  
 P.T. STA. = 13+51.72

EXIST. CURVE EX-P4-4  
 PI STA. = 16+27.68  
 $\Delta = 73^\circ 19' 13''$  (RT)  
 D = 38' 11' 50"  
 R = 150.00'  
 T = 111.64'  
 L = 191.95'  
 E = 36.99'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 15+16.03  
 P.T. STA. = 17+07.99



NAVD 1929 = 1983

FILE NAME = 0876A91-Sht-ATB09.dgn  
**VOLKERT**

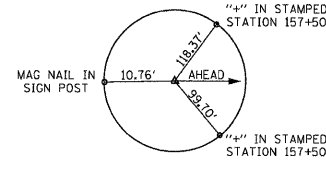
USER NAME = mmconachis	DESIGNED - CLS	REVISED -
PLOT SCALE = 100.0000' / IN.	DRAWN - MAM	REVISED -
PLOT DATE = 3/15/2011	CHECKED - CLS	REVISED -
	DATE - 3/18/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

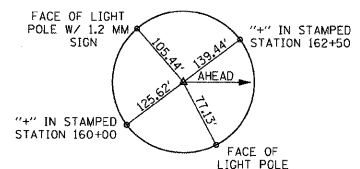
**EXISTING ALIGNMENTS**

SCALE: 1" = 100' SHEET NO. 9 OF 10 SHEETS STA. EX 216+50 TO STA. EX 247+00

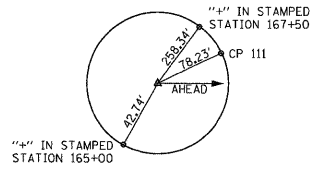
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	36
			CONTRACT NO. 76A91	
ILLINOIS FED. AID PROJECT				



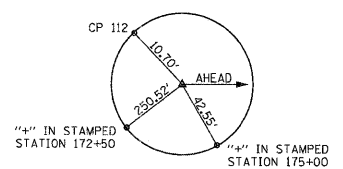
P.O.L. STA 156+41.35 (I270)  
(IRON PIN W/ CAP)



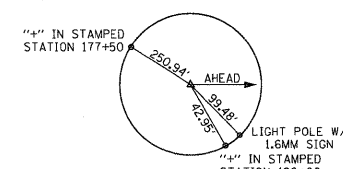
P.C. STA 161+18.14 (I270)  
(IRON PIN W/ CAP)



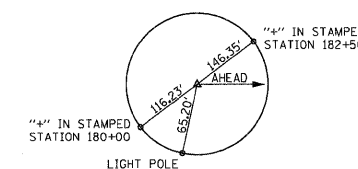
P.O.C. STA 165+00.00 (I270)  
(IRON PIN W/ CAP)



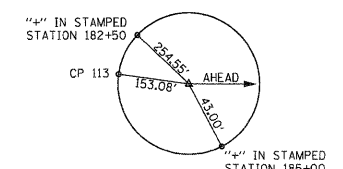
P.O.C. STA 175+00 (I270)  
(IRON PIN W/ CAP)



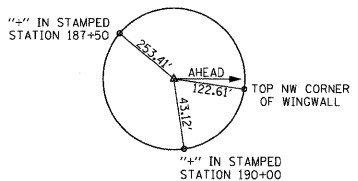
P.O.C. STA 180+00 (I270)  
(IRON PIN W/ CAP)



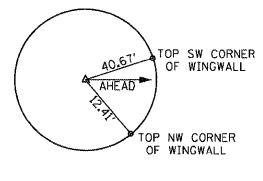
P.T. STA 181+08.88 (I270)  
(IRON PIN W/ CAP)



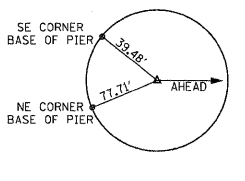
P.O.T. STA 185+00 (I270)  
(IRON PIN W/ CAP)



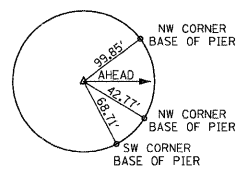
P.O.L. STA 190+00 (I270)  
(IRON PIN W/ CAP)



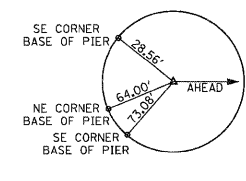
P.O.L. STA 191+25 (I270)  
(IRON PIN W/ CAP)



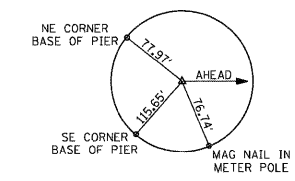
P.O.L. STA 193+03 (I270)  
(RR SPIKE W/ CUT "X")



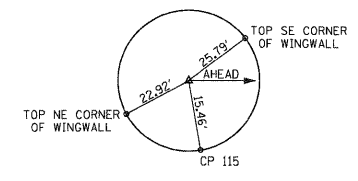
P.O.L. STA 195+00 (I270)  
(IRON PIN W/ CAP)



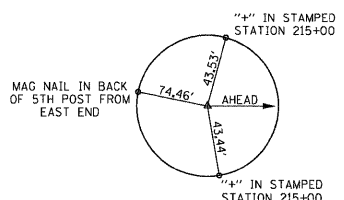
P.O.L. STA 206+83 (I270)  
(RR SPIKE W/ CUT "X")



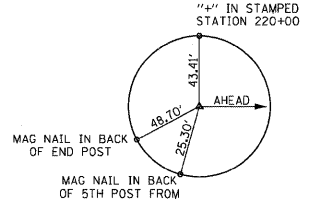
P.O.L. STA 208+75 (I270)  
(RR SPIKE W/ CUT "X")



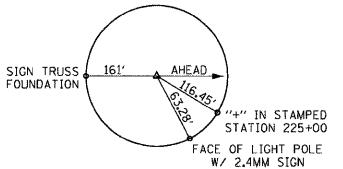
P.O.L. STA 211+50 (I270)  
(IRON PIN W/ CAP)



P.O.L. STA 215+00 (I270)  
(IRON PIN W/ CAP)



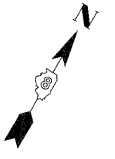
P.O.L. STA 220+00 (I270)  
(IRON PIN W/ CAP)



P.O.L. STA 223+91.94 (I270)  
(IRON PIN W/ CAP)

BENCHMARKS	
BM 270-12	CUT "□" ON EAST CORNER OF A TRAFFIC SIGNAL CONTROLLER BOX FOUNDATION AT THE SW CORNER OF IL 3 AND W. CHAIN OF ROCKS ROAD. ELEV. = 413.989' STATION/OFFSET: 230+02.2, 1509.5' RT
BM 270-13	CUT "□" ON CENTER HEADWALL ON EAST SIDE OF IL 3, NORTH OF I-270, BETWEEN ENTRANCE AND EXIT RAMP FOR WB I-270. ELEV. = 415.861' STATION/OFFSET: 1354+50.1, 64.5' RT
BM 270-17	CUT "□" ON SOUTH SIDE OF LIGHT POLE FOUNDATION (POLE #17) AT NW CORNER OF WB I-270 BRIDGE OVER IL 3. ELEV. = 435.942' STATION/OFFSET: 231+51.5, 68.3' LT

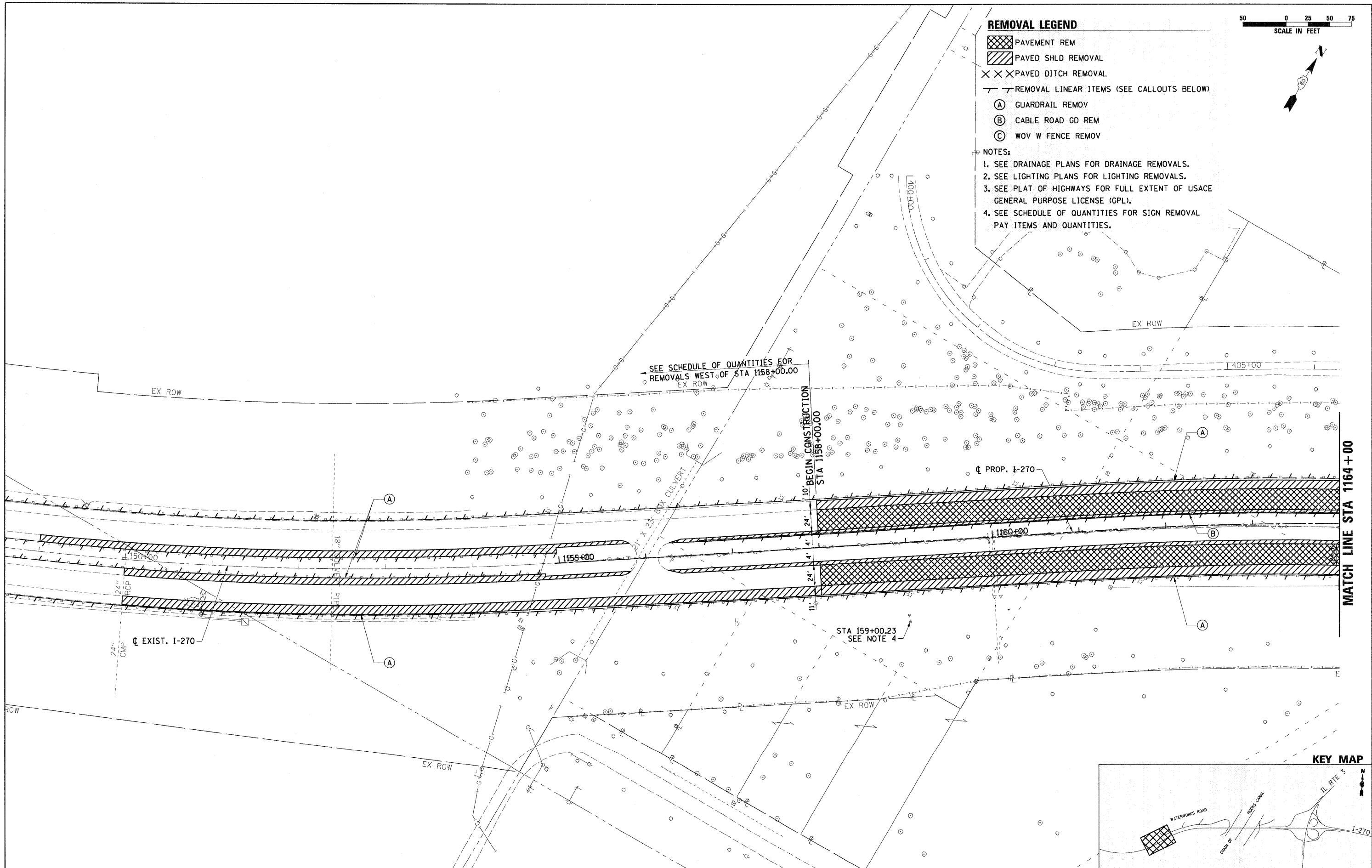
CONTROL COORDINATES		
REFERENCE POINTS	NORTHING	EASTING
EX 270 CENTERLINE		
P.O.T. STA 118+29.00	762984.9773	297847.0986
P.C. STA 123+46.35	762820.6098	298337.6429
P.I. STA 140+24.95	762287.2991	299929.2744
P.T. STA 154+70.46	763211.6641	301330.4383
P.C. STA 161+18.14	763568.3289	301871.0752
P.I. STA 171+36.64	764129.1914	302721.2376
P.T. STA 181+08.83	764192.3108	303737.7801
P.O.T. STA 191+33.92	764255.8384	304760.8971
P.O.T. STA 223+91.94	764457.7473	308012.6566
PR 270 CENTERLINE		
P.O.T. STA 1154+94.88	763224.9437	301351.3656
P.C. STA 1161+23.06	763572.3751	301874.7274
P.I. STA 1173+56.79	764254.6729	302902.6129
P.T. STA 1185+33.62	764331.1190	304133.7831
P.C. STA 1214+38.29	764511.1296	307032.8676
P.I. STA 1216+98.07	764527.2292	307292.1524
P.T. STA 1219+56.96	764505.9346	307551.0624
P.C. STA 1222+31.39	764483.4394	307824.5703
P.I. STA 1224+91.18	764462.1449	308083.4802
P.T. STA 1227+50.06	764478.2445	308342.7650
P.C. STA 1234+87.04	764523.9170	309078.3248
P.I. STA 1237+57.26	764540.6635	309348.0289
P.T. STA 1240+27.37	764544.2539	309618.2287



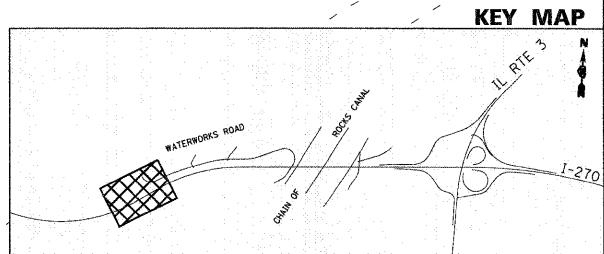
**REMOVAL LEGEND**

- PAVEMENT REM
- PAVED SHLD REMOVAL
- PAVED DITCH REMOVAL
- REMOVAL LINEAR ITEMS (SEE CALLOUTS BELOW)
- (A) GUARDRAIL REMOV
- (B) CABLE ROAD GD REM
- (C) WOY W FENCE REMOV

- NOTES:**
1. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
  2. SEE LIGHTING PLANS FOR LIGHTING REMOVALS.
  3. SEE PLAT OF HIGHWAYS FOR FULL EXTENT OF USACE GENERAL PURPOSE LICENSE (GPL).
  4. SEE SCHEDULE OF QUANTITIES FOR SIGN REMOVAL PAY ITEMS AND QUANTITIES.










MATCH LINE STA 1164+00



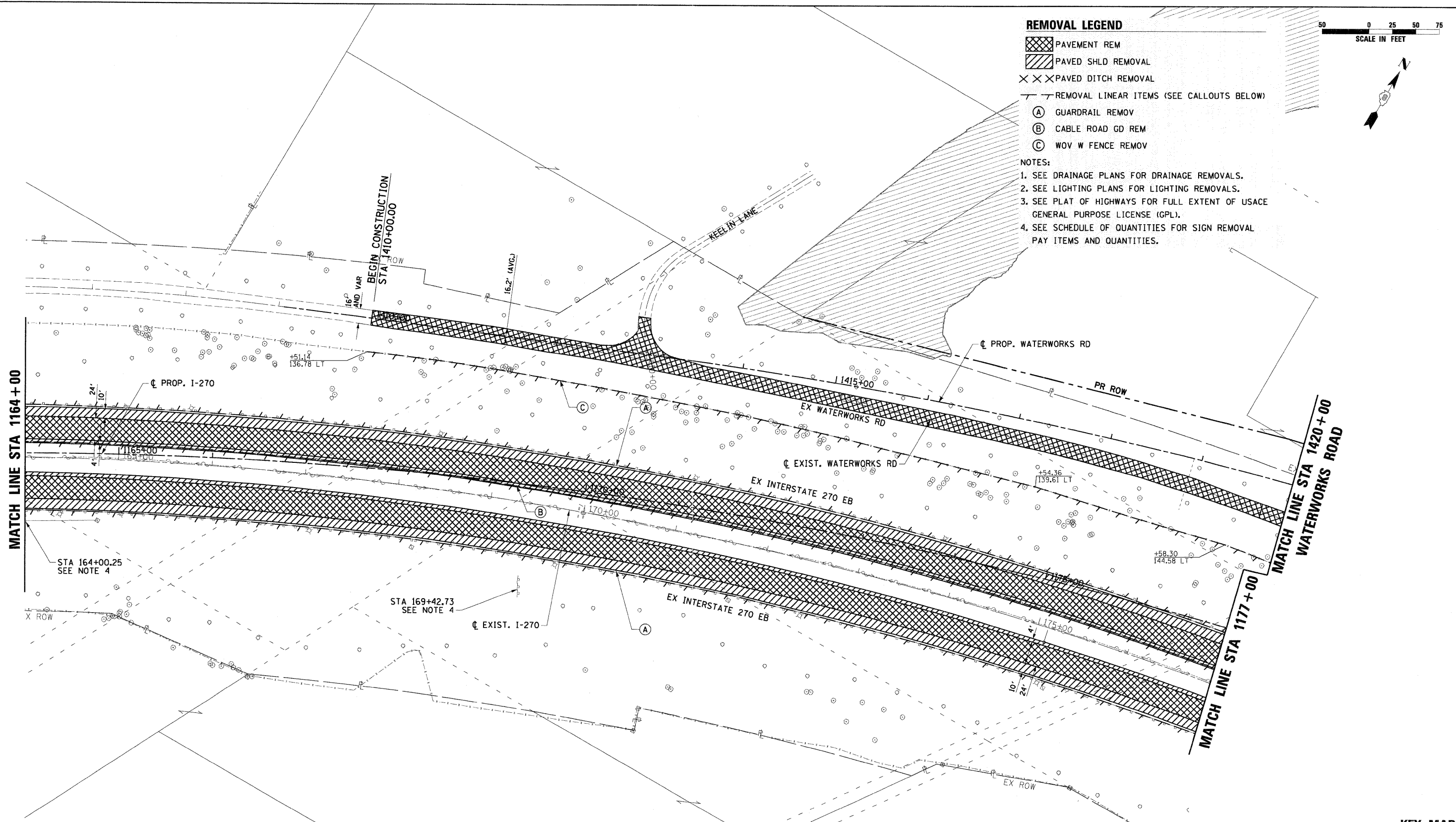
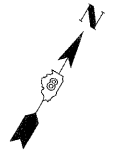
FILE NAME = 0876A91-Sht-Rem01.dgn	USER NAME = melopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 38		
PLOT SCALE = *SCALE*		DRAWN - ML	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 12 SHEETS	STA. 1151+00 TO STA. 1164+00		CONTRACT NO. 76A91			
PLOT DATE = 3/16/2011		CHECKED - SJM	REVISED -		ILLINOIS FED. AID PROJECT							
DATE - 06-30-10		REVISIONS	REVISED -									

**REMOVAL LEGEND**

-  PAVEMENT REM
-  PAVED SHLD REMOVAL
-  PAVED DITCH REMOVAL
-  REMOVAL LINEAR ITEMS (SEE CALLOUTS BELOW)
-  GUARDRAIL REMOV
-  CABLE ROAD GD REM
-  WOV W FENCE REMOV

**NOTES:**

1. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
2. SEE LIGHTING PLANS FOR LIGHTING REMOVALS.
3. SEE PLAT OF HIGHWAYS FOR FULL EXTENT OF USACE GENERAL PURPOSE LICENSE (GPL).
4. SEE SCHEDULE OF QUANTITIES FOR SIGN REMOVAL PAY ITEMS AND QUANTITIES.

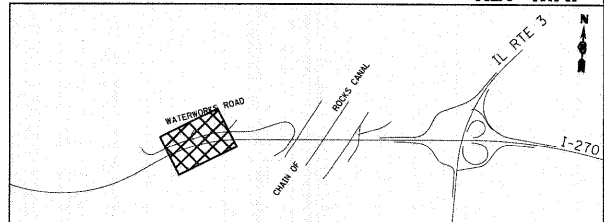


MATCH LINE STA 1164+00

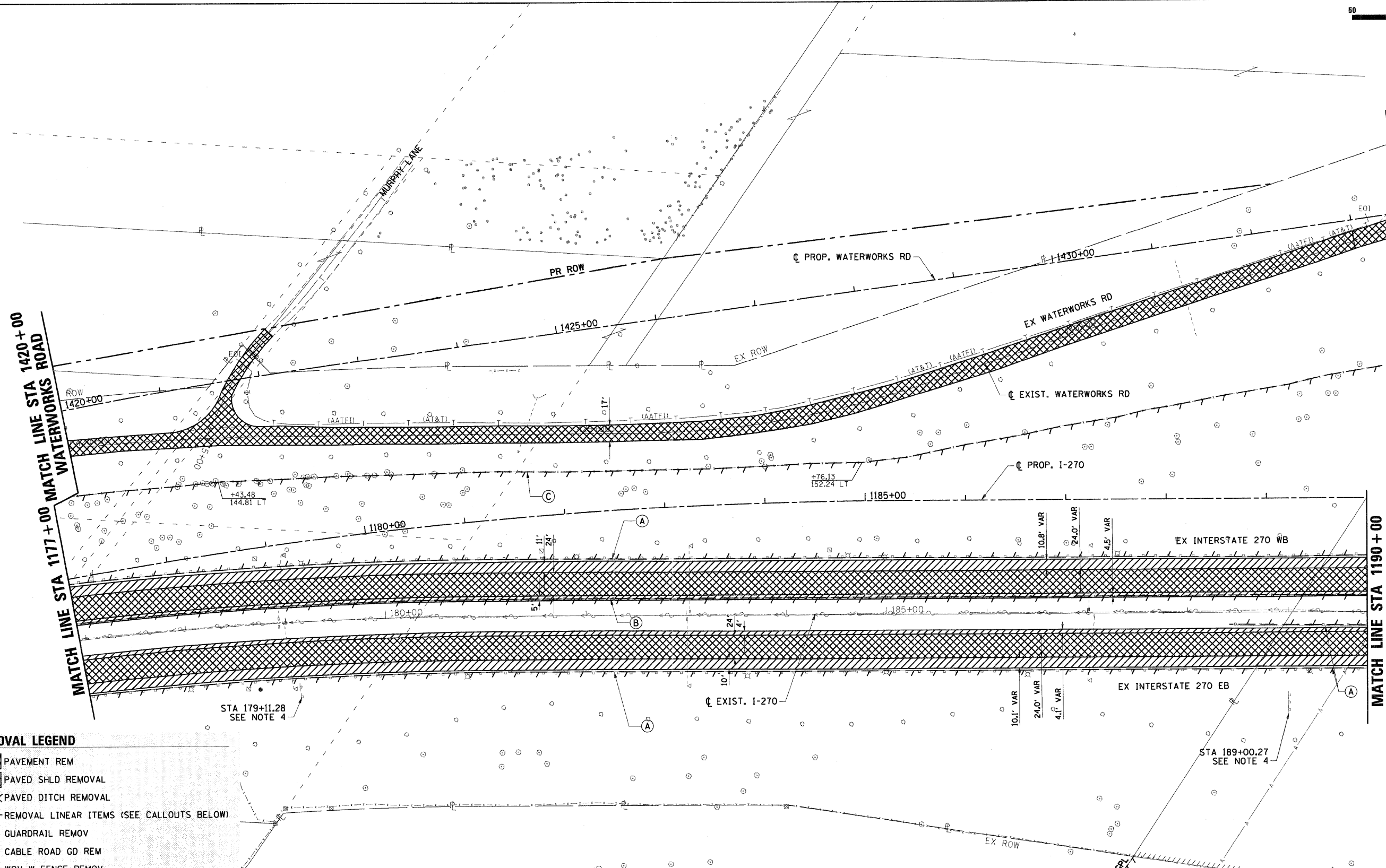
MATCH LINE STA 1420+00  
WATERWORKS ROAD

MATCH LINE STA 1177+00

**KEY MAP**

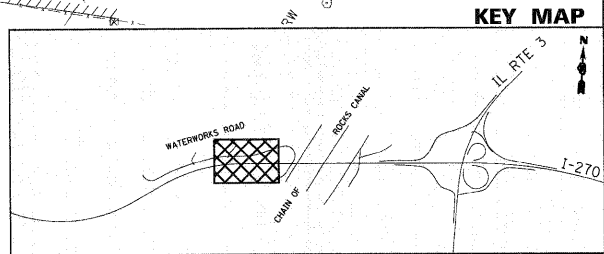


FILE NAME = 0876A91-Sh1-Rem2.dgn	USER NAME = mlopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-IB-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 39	
PLOT SCALE = #SCALE#					SCALE: 1" = 50'	SHEET NO. 2 OF 12 SHEETS	STA. 1164+00 TO STA. 1177+00		CONTRACT NO. 76A91		
PLOT DATE = 3/16/2011							ILLINOIS FED. AID PROJECT				
DATE - 06-30-10											

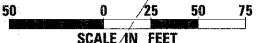


- REMOVAL LEGEND**
- PAVEMENT REM
  - PAVED SHLD REMOVAL
  - PAVED DITCH REMOVAL
  - REMOVAL LINEAR ITEMS (SEE CALLOUTS BELOW)
  - GUARDRAIL REMOV
  - CABLE ROAD GD REM
  - WOV W FENCE REMOV

- NOTES:**
1. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
  2. SEE LIGHTING PLANS FOR LIGHTING REMOVALS.
  3. SEE PLAT OF HIGHWAYS FOR FULL EXTENT OF USAGE GENERAL PURPOSE LICENSE (GPL).
  4. SEE SCHEDULE OF QUANTITIES FOR SIGN REMOVAL PAY ITEMS AND QUANTITIES.



FILE NAME = DB76A91-Sht-Rem03.dgn	USER NAME = melopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 40
	PLOT SCALE = #SCALE#	CHECKED - SJM	REVISED -			SCALE: 1" = 50'	SHEET NO. 3 OF 12 SHEETS	STA. 1177+00 TO STA. 1190+00	CONTRACT NO. 76A91	
PLOT DATE = 3/16/2011	DATE - 06-30-10	REVISED -	REVISED -							

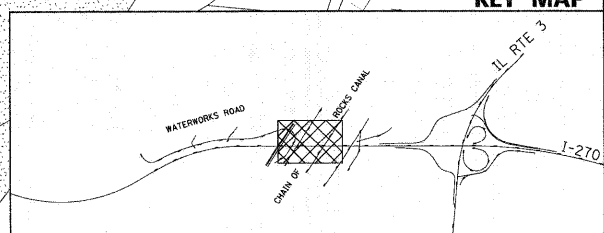
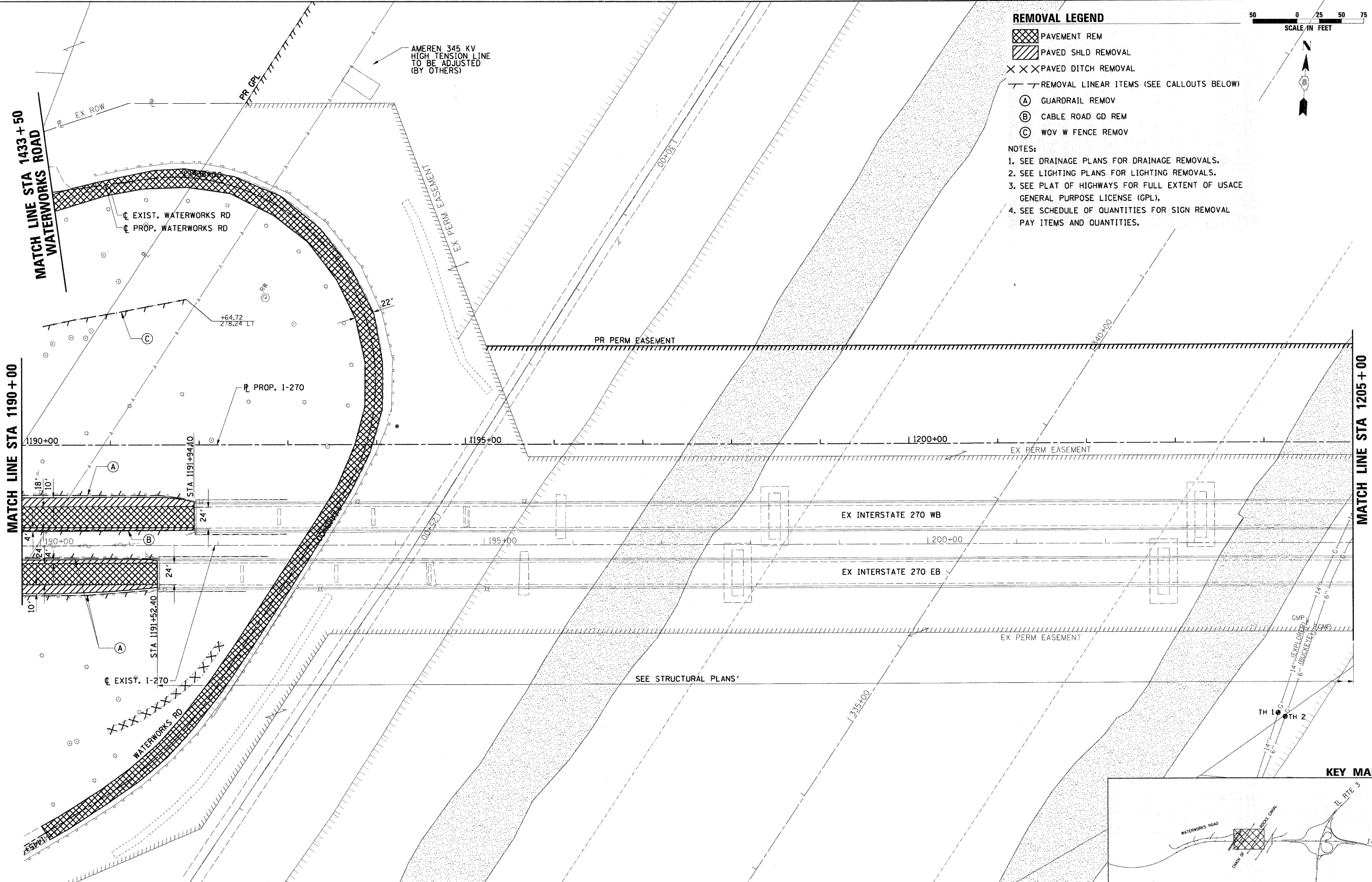


**REMOVAL LEGEND**

- PAVEMENT REM
- PAVED SHLD REMOVAL
- PAVED DITCH REMOVAL
- REMOVAL LINEAR ITEMS (SEE CALLOUTS BELOW)
  - (A) GUARDRAIL REMOV
  - (B) CABLE ROAD GD REM
  - (C) WOV W FENCE REMOV








**NOTES:**

1. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
2. SEE LIGHTING PLANS FOR LIGHTING REMOVALS.
3. SEE PLAT OF HIGHWAYS FOR FULL EXTENT OF USACE GENERAL PURPOSE LICENSE (GPL).
4. SEE SCHEDULE OF QUANTITIES FOR SIGN REMOVAL PAY ITEMS AND QUANTITIES.



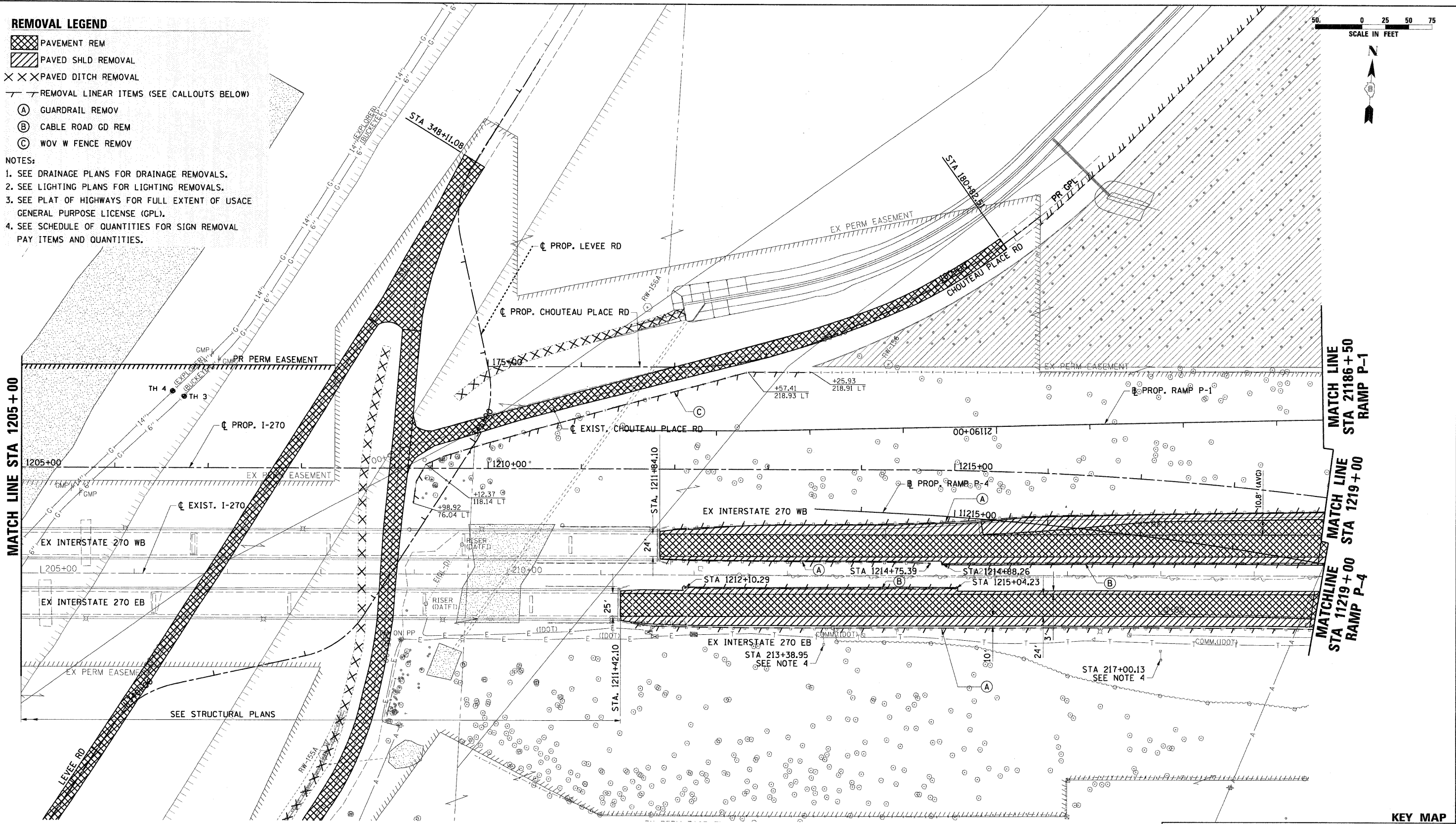
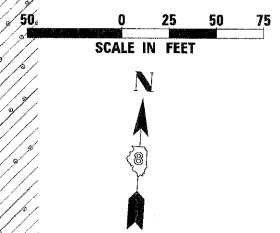
FILE NAME = 0876A91-Shr-Rem24.dgn	USER NAME = malopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS INTERSTATE 270</b>	F.A.I. RTE. = 270	SECTION = 60-1B-1	COUNTY = MADISON	TOTAL SHEETS = 712	SHEET NO. = 41
	PLLOT SCALE = #SCALE#	CHECKED - SJM	REVISED -			SCALE: 1" = 50'	SHEET NO. 4 OF 12 SHEETS	STA. 1190+00 TO STA. 1205+00	CONTRACT NO. 76A91	
PLLOT DATE = 3/16/2011	DATE = 06-30-10	REVISED -	REVISED -							

**REMOVAL LEGEND**

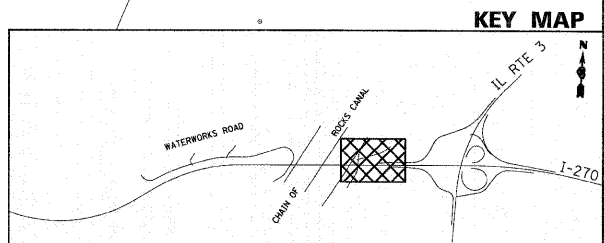
-  PAVEMENT REM
-  PAVED SHLD REMOVAL
-  PAVED DITCH REMOVAL
-  REMOVAL LINEAR ITEMS (SEE CALLOUTS BELOW)
-  GUARDRAIL REMOV
-  CABLE ROAD GD REM
-  WOV W FENCE REMOV

**NOTES:**

1. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
2. SEE LIGHTING PLANS FOR LIGHTING REMOVALS.
3. SEE PLAT OF HIGHWAYS FOR FULL EXTENT OF USACE GENERAL PURPOSE LICENSE (GPL).
4. SEE SCHEDULE OF QUANTITIES FOR SIGN REMOVAL PAY ITEMS AND QUANTITIES.

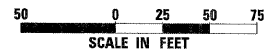


**MATCH LINE**  
 STA 1205+00  
**MATCH LINE**  
 STA 21186+50  
**RAMP P-1**  
**MATCH LINE**  
 STA 11219+00  
**MATCH LINE**  
 STA 1219+00  
**RAMP P-4**



FILE NAME = DB76A91-Sht-Rem05.dgn	USER NAME = malopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 42	
PLOT SCALE = #SCALE#	CHECKED - SJM	REVISIONS	REVISIONS			SCALE: 1" = 50' SHEET NO. 5 OF 12 SHEETS STA. 1205+00 TO STA. 1219+00					
PLOT DATE = 3/16/2011	DATE - 06-30-10	REVISIONS	REVISIONS			CONTRACT NO. 76A91 ILLINOIS FED. AID PROJECT					

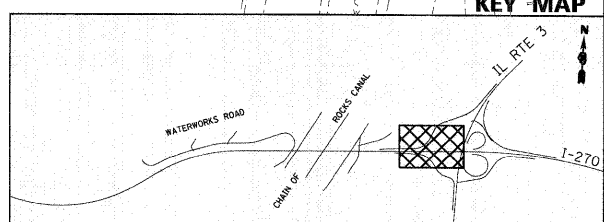
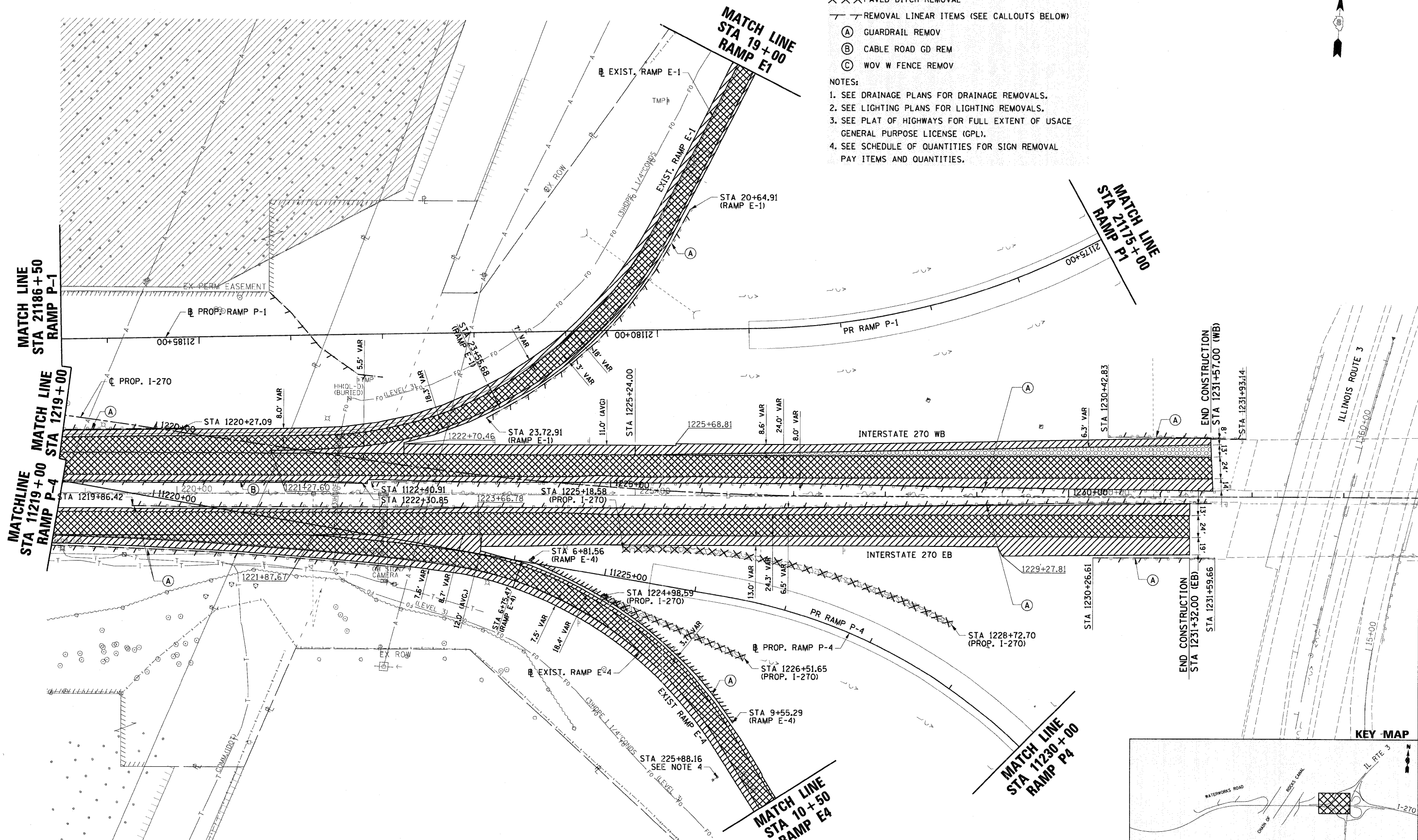




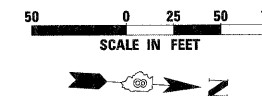
**REMOVAL LEGEND**

- PAVEMENT REM
- PAVED SHLD REMOVAL
- PAVED DITCH REMOVAL
- REMOVAL LINEAR ITEMS (SEE CALLOUTS BELOW)
- (A) GUARDRAIL REMOV
- (B) CABLE ROAD GD REM
- (C) WOV W FENCE REMOV

- NOTES:
1. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
  2. SEE LIGHTING PLANS FOR LIGHTING REMOVALS.
  3. SEE PLAT OF HIGHWAYS FOR FULL EXTENT OF USACE GENERAL PURPOSE LICENSE (GPL).
  4. SEE SCHEDULE OF QUANTITIES FOR SIGN REMOVAL PAY ITEMS AND QUANTITIES.



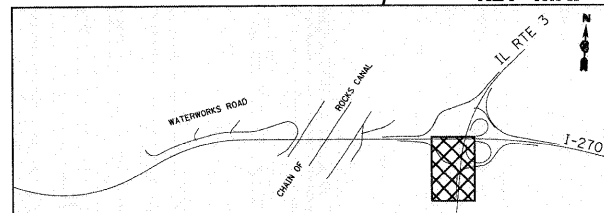
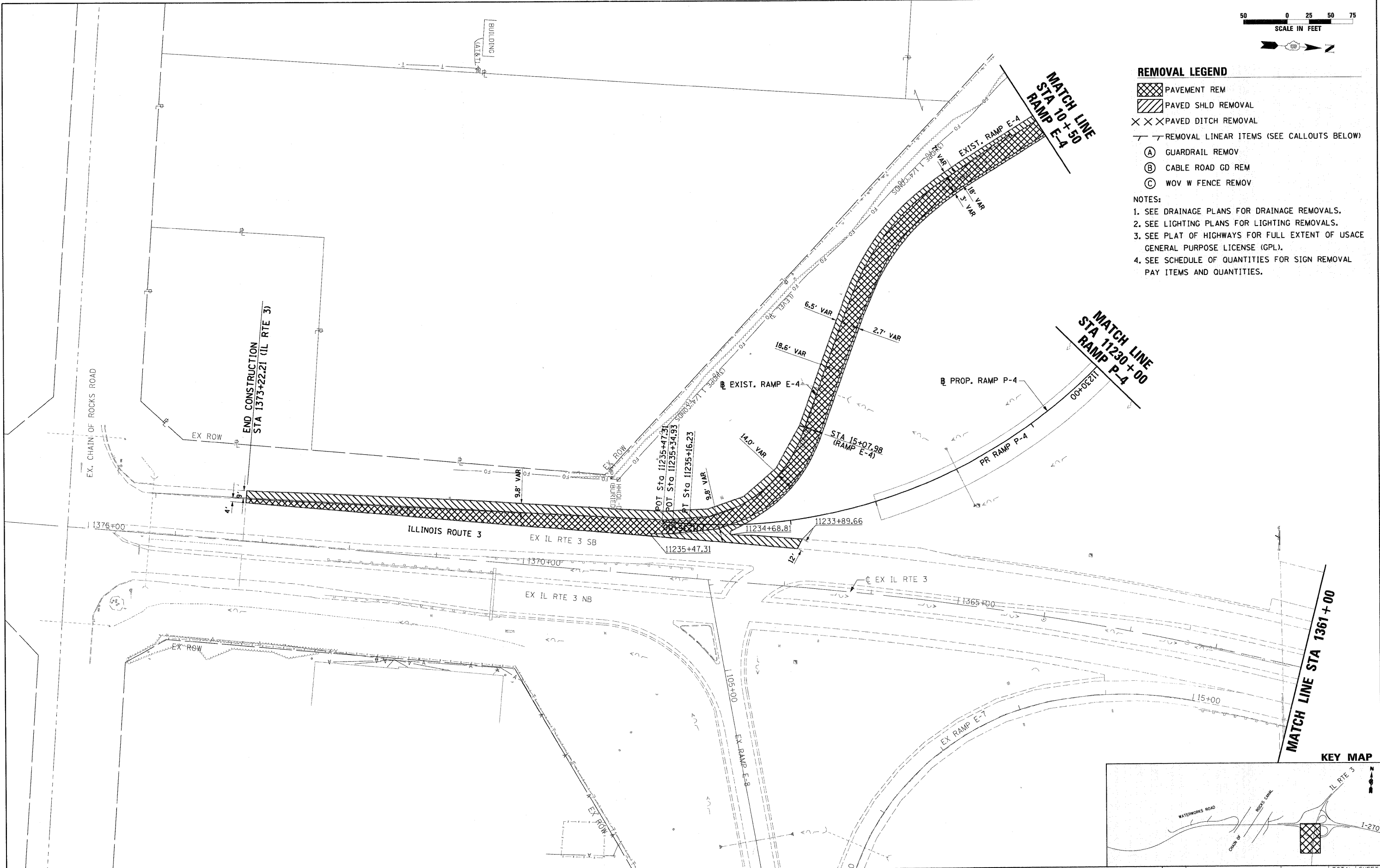
FILE NAME = 0876A91-Shv-Ram86.dgn	USER NAME = malopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-IB-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 43
	PLOT SCALE = *SCALE*	DRAWN - ML	REVISED -			SCALE: 1" = 50'	SHEET NO. 6 OF 12 SHEETS	STA. 1219+00 TO STA. 1231+00	CONTRACT NO. 76A91	
PLOT DATE = 3/16/2011	DATE - 06-30-10	REVISOR -	REVISOR -							



**REMOVAL LEGEND**

- PAVEMENT REM
- PAVED SHLD REMOVAL
- PAVED DITCH REMOVAL
- REMOVAL LINEAR ITEMS (SEE CALLOUTS BELOW)
- GUARDRAIL REMOV
- CABLE ROAD GD REM
- WOV W FENCE REMOV

- NOTES:**
1. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
  2. SEE LIGHTING PLANS FOR LIGHTING REMOVALS.
  3. SEE PLAT OF HIGHWAYS FOR FULL EXTENT OF USAGE GENERAL PURPOSE LICENSE (GPL).
  4. SEE SCHEDULE OF QUANTITIES FOR SIGN REMOVAL PAY ITEMS AND QUANTITIES.



FILE NAME = 0876A91-Sht-Rem07.dgn	USER NAME = malopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS IL RTE 3</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 44	
PLOT SCALE = #SCALE#	DRAWN - ML	CHECKED - SJM	REVISED -		SCALE: 1" = 50'	SHEET NO. 7 OF 12 SHEETS	STA. 1375+20	TO STA. 1361+00	CONTRACT NO. 76A91		
PLOT DATE = 3/16/2011	DATE - 06-30-10	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT						








MATCH LINE  
RAMP E-1 STA 19+00

MATCH LINE  
STA 21175+00  
RAMP P-1

MATCH LINE STA 1361+00

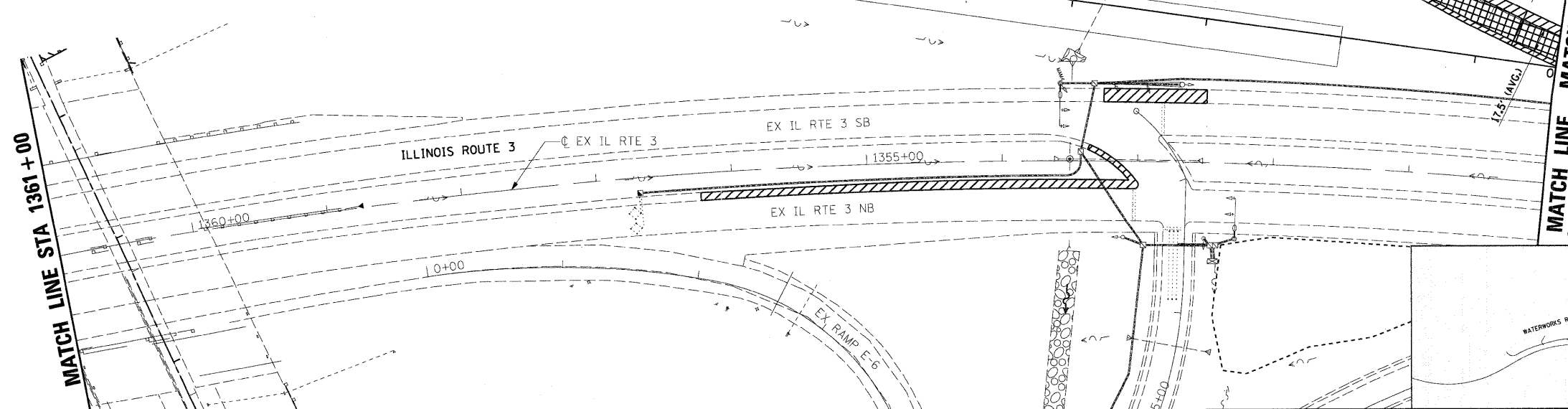
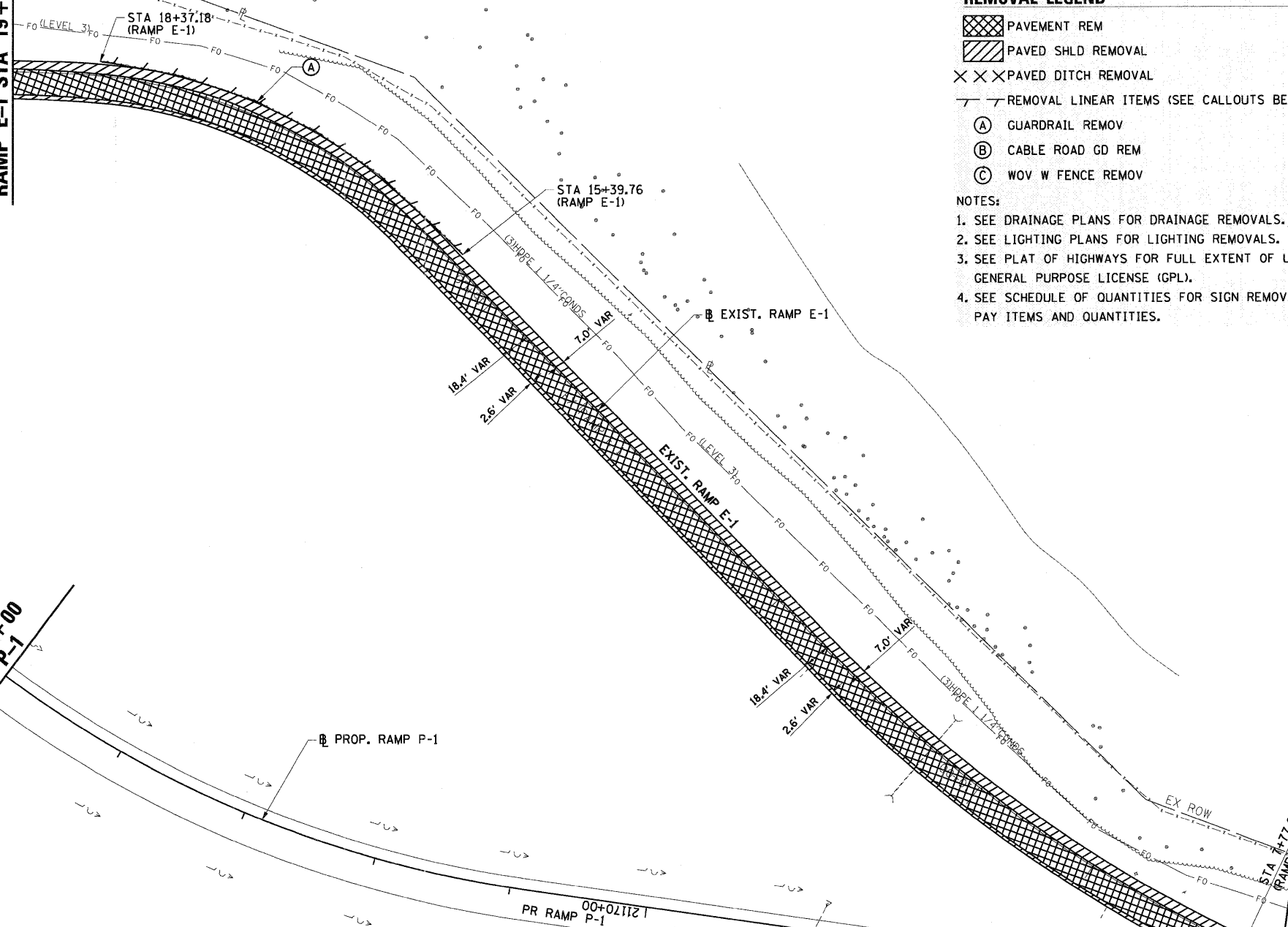
MATCH LINE  
STA 1350+00 STA 21165+40  
RAMP P-1

**REMOVAL LEGEND**

-  PAVEMENT REM
-  PAVED SHLD REMOVAL
-  PAVED DITCH REMOVAL
-  REMOVAL LINEAR ITEMS (SEE CALLOUTS BELOW)
-  GUARDRAIL REMOV
-  CABLE ROAD GD REM
-  WOV W FENCE REMOV

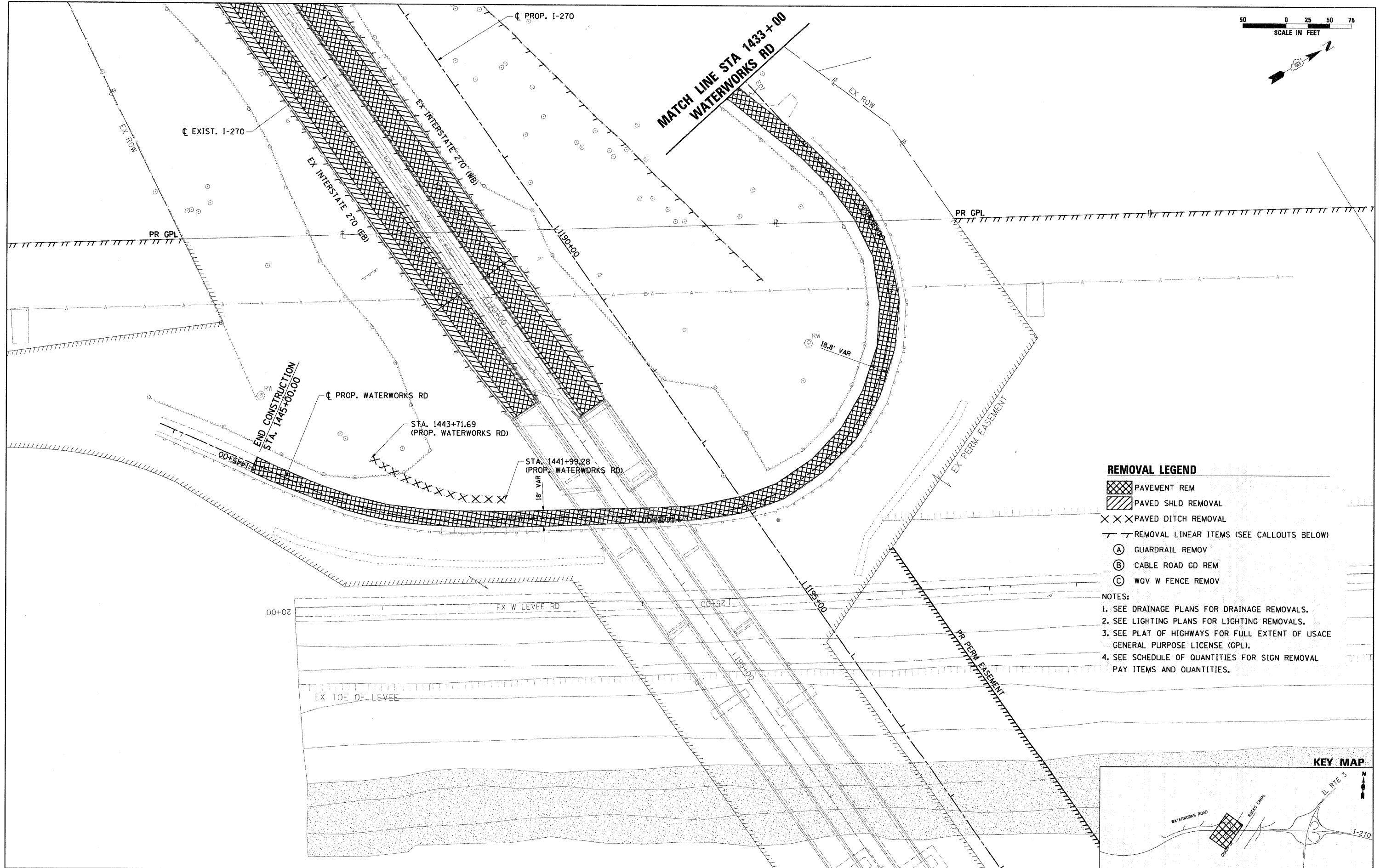
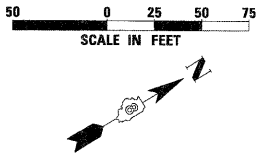
**NOTES:**

1. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
2. SEE LIGHTING PLANS FOR LIGHTING REMOVALS.
3. SEE PLAT OF HIGHWAYS FOR FULL EXTENT OF USACE GENERAL PURPOSE LICENSE (GPL).
4. SEE SCHEDULE OF QUANTITIES FOR SIGN REMOVAL PAY ITEMS AND QUANTITIES.



FILE NAME = D876A91-Sht-Rem08.dgn	USER NAME = malopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS IL RTE 3</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = *SCALE*	DRAWN - ML	REVISED -		270	60-1B-1	MADISON	712	45		
PLOT DATE = 3/16/2011	CHECKED - SJM	DATE - 06-30-10	REVISED -	SCALE: 1" = 50'    SHEET NO. 8 OF 12 SHEETS    STA. 1361+00 TO STA. 1350+00		CONTRACT NO. 76A91		ILLINOIS FED. AID PROJECT			



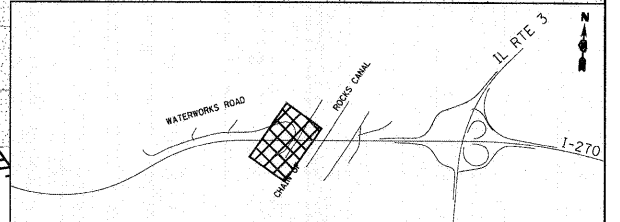


**REMOVAL LEGEND**

- PAVEMENT REM
- PAVED SHLD REMOVAL
- PAVED DITCH REMOVAL
- REMOVAL LINEAR ITEMS (SEE CALLOUTS BELOW)
  - (A) GUARDRAIL REMOV
  - (B) CABLE ROAD GD REM
  - (C) WOV W FENCE REMOV

- NOTES:
1. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
  2. SEE LIGHTING PLANS FOR LIGHTING REMOVALS.
  3. SEE PLAT OF HIGHWAYS FOR FULL EXTENT OF USAGE GENERAL PURPOSE LICENSE (GPL).
  4. SEE SCHEDULE OF QUANTITIES FOR SIGN REMOVAL PAY ITEMS AND QUANTITIES.

**KEY MAP**



FILE NAME = 0876A91-Svt-Rem10.dgn

USER NAME = malopez  
 PLOT SCALE = #SCALE#  
 PLOT DATE = 3/16/2011

DESIGNED - SJM  
 DRAWN - ML  
 CHECKED - SJM  
 DATE - 06-30-10

REVISED - 01-04-11  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS  
 WATERWORKS ROAD**








SCALE: 1" = 50' SHEET NO. 10 OF 12 SHEETS STA. 1433+00 TO STA. 1445+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	47

CONTRACT NO. 76A91

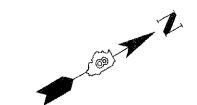
ILLINOIS FED. AID PROJECT

**REMOVAL LEGEND**

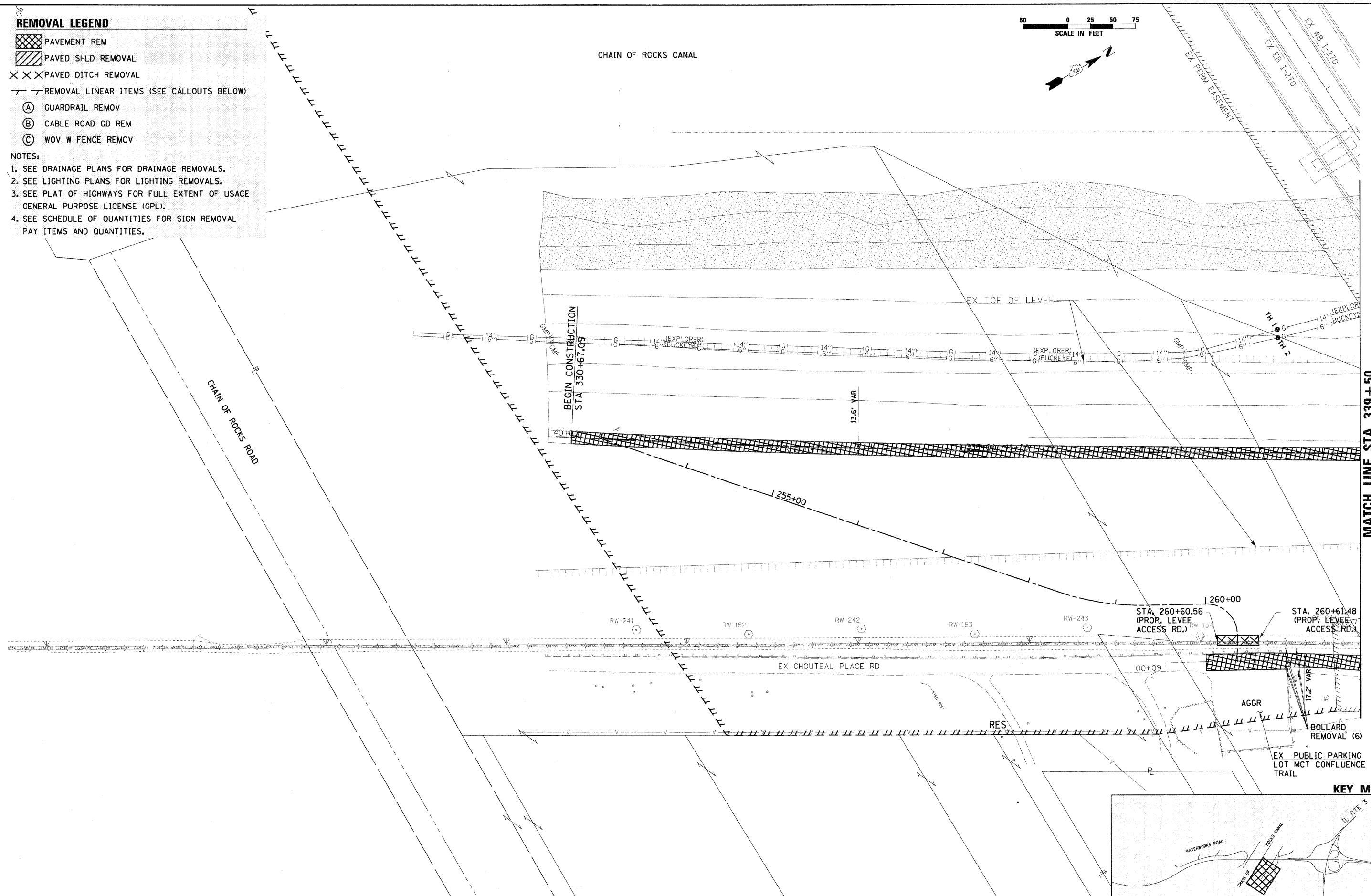
-  PAVEMENT REM
-  PAVED SHLD REMOVAL
-  PAVED DITCH REMOVAL
-  REMOVAL LINEAR ITEMS (SEE CALLOUTS BELOW)
-  GUARDRAIL REMOV
-  CABLE ROAD GD REM
-  WOV W FENCE REMOV

**NOTES:**

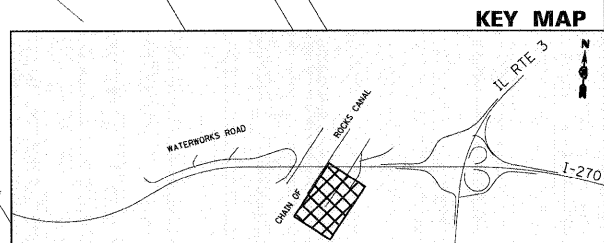
1. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
2. SEE LIGHTING PLANS FOR LIGHTING REMOVALS.
3. SEE PLAT OF HIGHWAYS FOR FULL EXTENT OF USACE GENERAL PURPOSE LICENSE (GPL).
4. SEE SCHEDULE OF QUANTITIES FOR SIGN REMOVAL PAY ITEMS AND QUANTITIES.



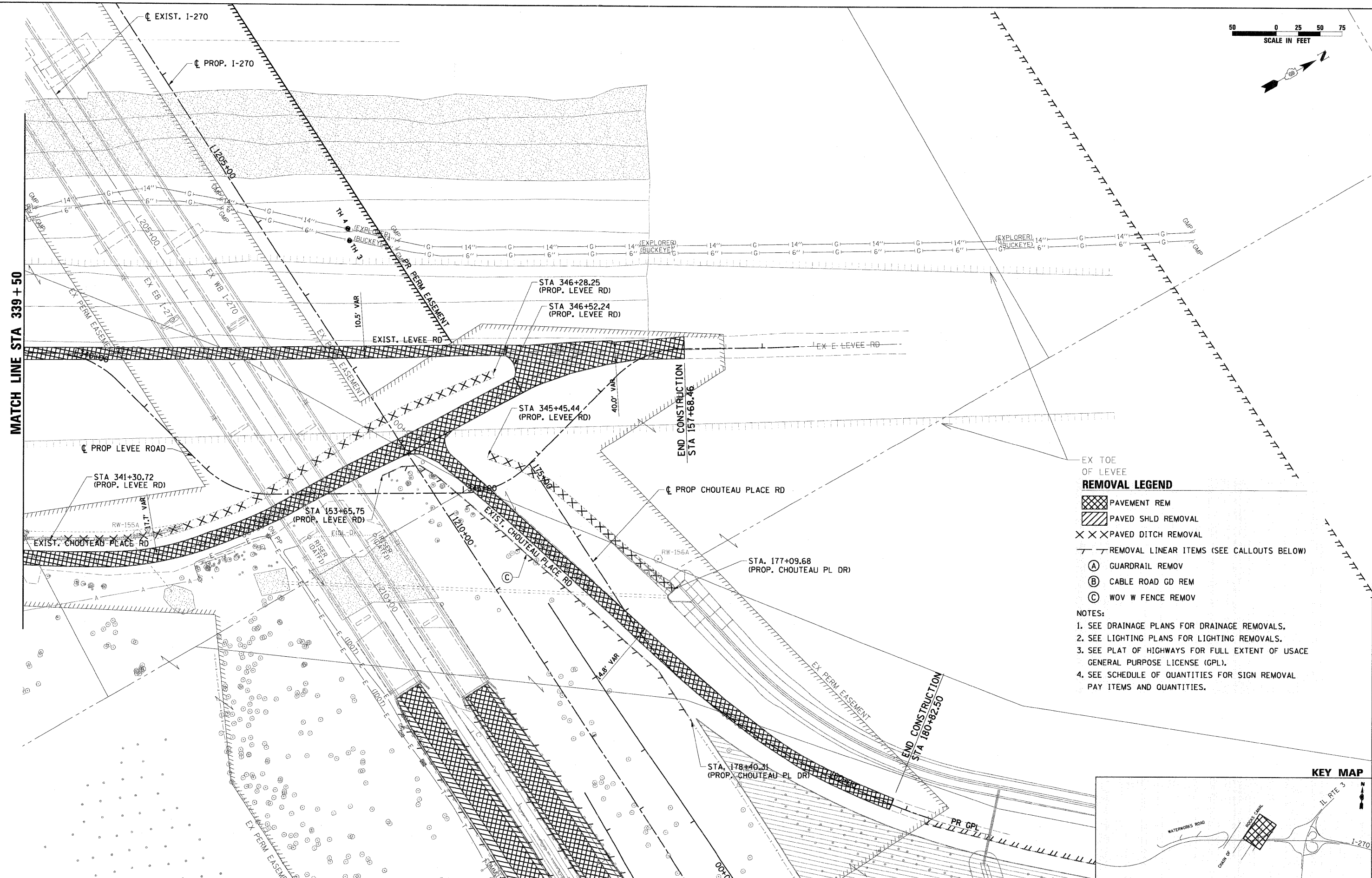
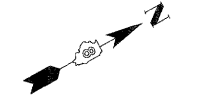
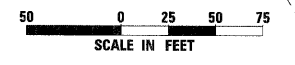
CHAIN OF ROCKS CANAL



MATCH LINE STA 339+50



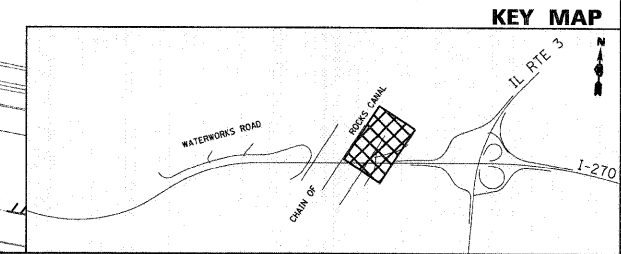
FILE NAME = 0876A91-Sht-Rem11.dgn	USER NAME = melopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS CHAIN OF ROCKS LEVEE ROAD</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 48	
PLOT SCALE = #SCALE#		DRAWN - ML	REVISED -		SCALE: 1" = 50'	SHEET NO. 11 OF 12 SHEETS	STA. 140+00 TO STA. 149+00		CONTRACT NO. 76A91		
PLOT DATE = 3/16/2011		CHECKED - SJM	REVISED -		ILLINOIS FED. AID PROJECT						



MATCH LINE STA 339 + 50

- EX TOE OF LEVEE
- REMOVAL LEGEND**
- PAVEMENT REM
  - PAVED SHLD REMOVAL
  - PAVED DITCH REMOVAL
  - REMOVAL LINEAR ITEMS (SEE CALLOUTS BELOW)
    - (A) GUARDRAIL REMOV
    - (B) CABLE ROAD GD REM
    - (C) WOV W FENCE REMOV

- NOTES:**
1. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
  2. SEE LIGHTING PLANS FOR LIGHTING REMOVALS.
  3. SEE PLAT OF HIGHWAYS FOR FULL EXTENT OF USAGE GENERAL PURPOSE LICENSE (GPL).
  4. SEE SCHEDULE OF QUANTITIES FOR SIGN REMOVAL PAY ITEMS AND QUANTITIES.

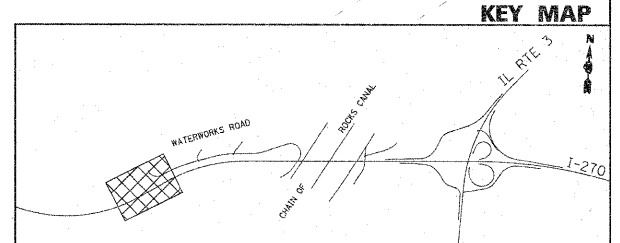
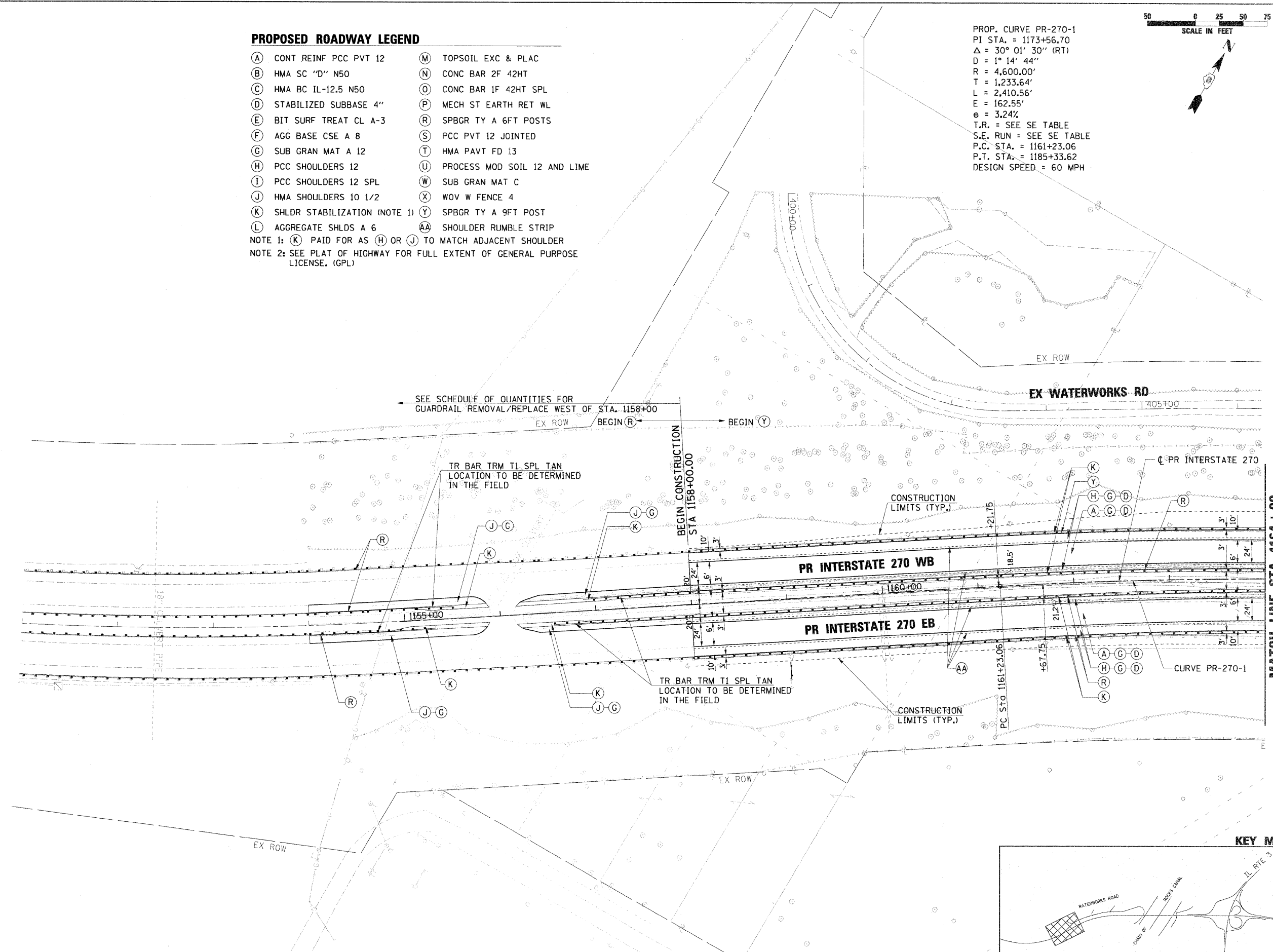
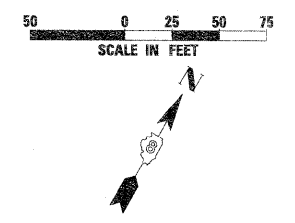


FILE NAME = DB76A91-Str-Rem12.dgn	USER NAME = malopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS CHAIN OF ROCKS LEVEE ROAD</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 49		
PLOT SCALE = *SCALE*	CHECKED - SJM	REVISIED -	REVISIED -			SCALE: 1" = 50'	SHEET NO. 12 OF 12 SHEETS	STA. 149+00	TO STA. 159+12.60	CONTRACT NO. 76A91		
PLOT DATE = 3/16/2011	DATE - 06-30-10	REVISIED -	REVISIED -			ILLINOIS FED. AID PROJECT						

**PROPOSED ROADWAY LEGEND**

- |                                  |                                  |
|----------------------------------|----------------------------------|
| (A) CONT REINF PCC PVT 12        | (M) TOPSOIL EXC & PLAC           |
| (B) HMA SC "D" N50               | (N) CONC BAR 2F 42HT             |
| (C) HMA BC IL-12.5 N50           | (O) CONC BAR 1F 42HT SPL         |
| (D) STABILIZED SUBBASE 4"        | (P) MECH ST EARTH RET WL         |
| (E) BIT SURF TREAT CL A-3        | (R) SPBGR TY A 6FT POSTS         |
| (F) AGG BASE CSE A 8             | (S) PCC PVT 12 JOINTED           |
| (G) SUB GRAN MAT A 12            | (T) HMA PAVT FD 13               |
| (H) PCC SHOULDERS 12             | (U) PROCESS MOD SOIL 12 AND LIME |
| (I) PCC SHOULDERS 12 SPL         | (W) SUB GRAN MAT C               |
| (J) HMA SHOULDERS 10 1/2         | (X) WOV W FENCE 4                |
| (K) SHLDR STABILIZATION (NOTE 1) | (Y) SPBGR TY A 9FT POST          |
| (L) AGGREGATE SHLDS A 6          | (AA) SHOULDER RUMBLE STRIP       |
- NOTE 1: (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER  
 NOTE 2: SEE PLAT OF HIGHWAY FOR FULL EXTENT OF GENERAL PURPOSE LICENSE. (GPL)

PROP. CURVE PR-270-1  
 PI STA. = 1173+56.70  
 $\Delta = 30^{\circ} 01' 30''$  (RT)  
 D = 1° 14' 44"  
 R = 4,600.00'  
 T = 1,233.64'  
 L = 2,410.56'  
 E = 162.55'  
 e = 3.24%  
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA. = 1161+23.06  
 P.T. STA. = 1185+33.62  
 DESIGN SPEED = 60 MPH



FILE NAME = 0876A91-Shr-P1a01.dgn	USER NAME = sbliven	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLAN INTERSTATE 270</b>			F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 50
PLOT SCALE = *SCALE*	CHECKED - SJM	REVISED - 4-20-11	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 12 SHEETS	STA. 1151+00 TO STA. 1164+00	ILLINOIS FED. AID PROJECT				
PLOT DATE = 4/20/2011	DATE - 06-30-10	REVISED -	REVISED -									



PROP. CURVE PR-WR-3  
 PI STA. = 1417+93.73  
 $\Delta = 11^\circ 21' 44''$  (RT)  
 $D = 1^\circ 11' 37''$   
 $R = 4,800.00'$   
 $T = 477.51'$   
 $L = 951.89'$   
 $E = 23.69'$   
 $e = \dots$   
 $T.R. = \dots$   
 $S.E. RUN = \dots$   
 P.C. STA. = 1413+16.22  
 P.T. STA. = 1422+68.11  
 DESIGN SPEED = 20 MPH

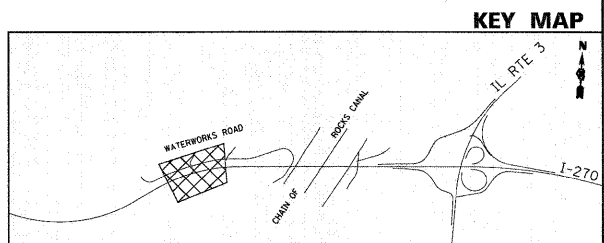
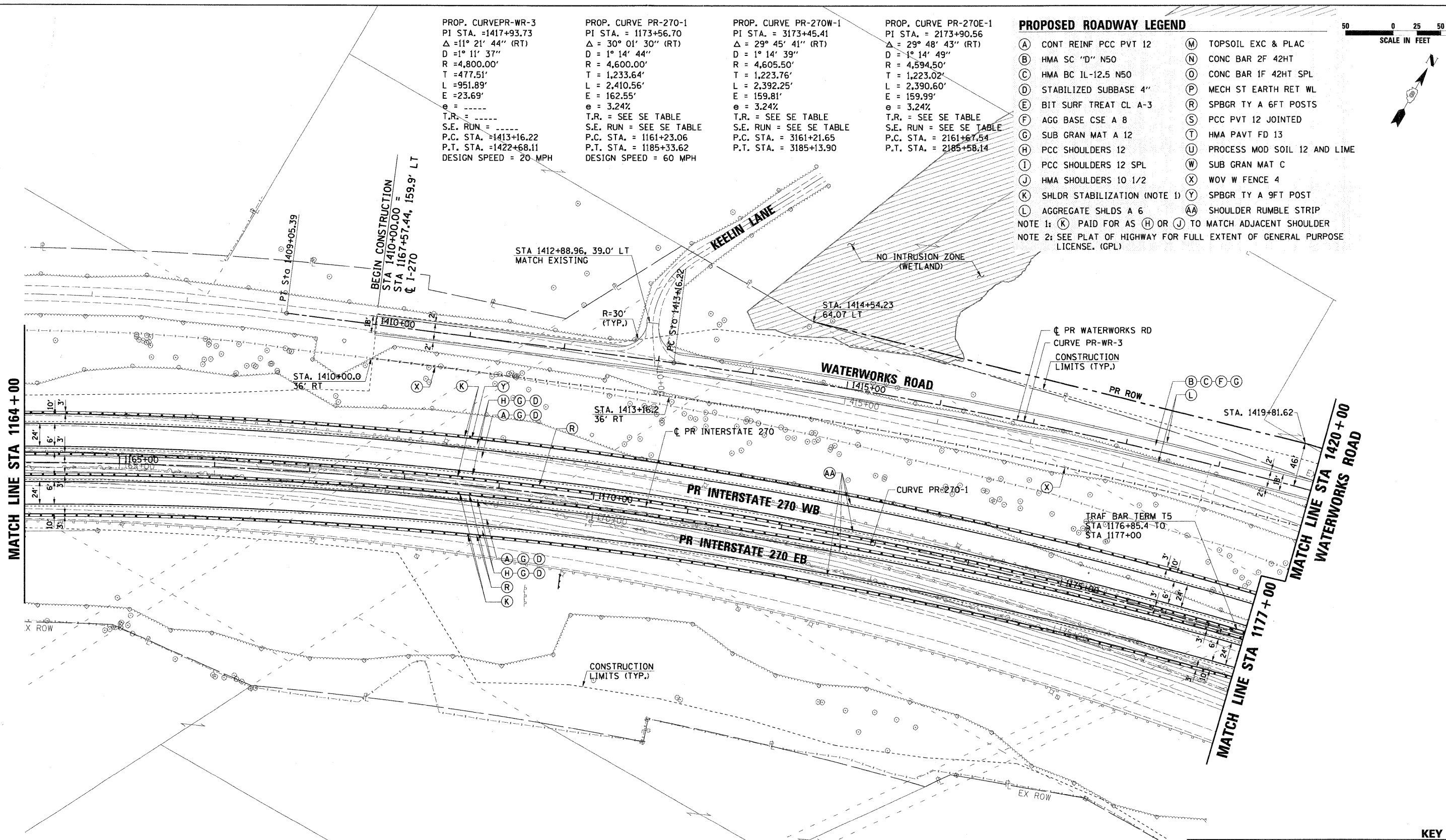
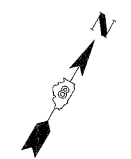
PROP. CURVE PR-270-1  
 PI STA. = 1173+56.70  
 $\Delta = 30^\circ 01' 30''$  (RT)  
 $D = 1^\circ 14' 44''$   
 $R = 4,600.00'$   
 $T = 1,233.64'$   
 $L = 2,410.56'$   
 $E = 162.55'$   
 $e = 3.24\%$   
 $T.R. = \text{SEE SE TABLE}$   
 $S.E. RUN = \text{SEE SE TABLE}$   
 P.C. STA. = 1161+23.06  
 P.T. STA. = 1185+33.62  
 DESIGN SPEED = 60 MPH

PROP. CURVE PR-270W-1  
 PI STA. = 3173+45.41  
 $\Delta = 29^\circ 45' 41''$  (RT)  
 $D = 1^\circ 14' 39''$   
 $R = 4,605.50'$   
 $T = 1,223.76'$   
 $L = 2,392.25'$   
 $E = 159.81'$   
 $e = 3.24\%$   
 $T.R. = \text{SEE SE TABLE}$   
 $S.E. RUN = \text{SEE SE TABLE}$   
 P.C. STA. = 3161+21.65  
 P.T. STA. = 3185+13.90

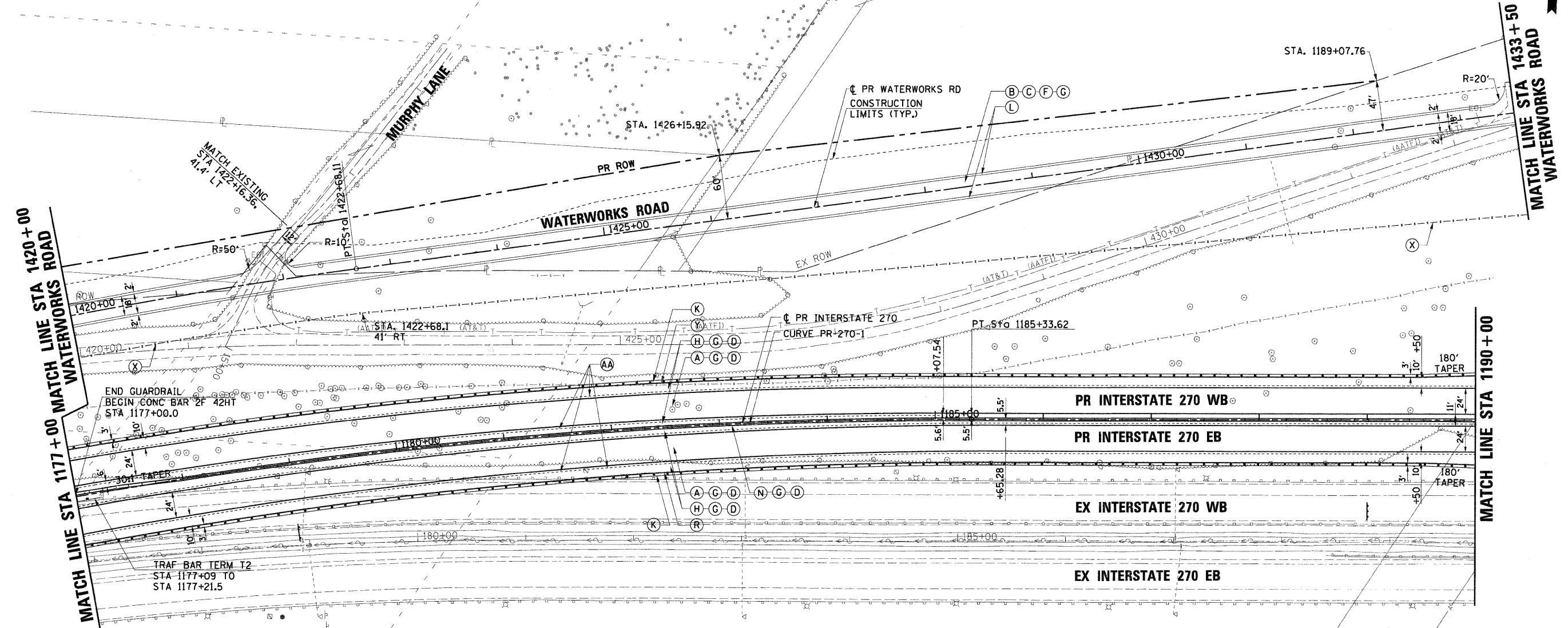
PROP. CURVE PR-270E-1  
 PI STA. = 2173+90.56  
 $\Delta = 29^\circ 48' 43''$  (RT)  
 $D = 1^\circ 14' 49''$   
 $R = 4,594.50'$   
 $T = 1,223.02'$   
 $L = 2,390.60'$   
 $E = 159.99'$   
 $e = 3.24\%$   
 $T.R. = \text{SEE SE TABLE}$   
 $S.E. RUN = \text{SEE SE TABLE}$   
 P.C. STA. = 2161+67.54  
 P.T. STA. = 2185+58.14

**PROPOSED ROADWAY LEGEND**

- (A) CONT REINF PCC PVT 12
  - (B) HMA SC "D" N50
  - (C) HMA BC IL-12.5 N50
  - (D) STABILIZED SUBBASE 4"
  - (E) BIT SURF TREAT CL A-3
  - (F) AGG BASE CSE A 8
  - (G) SUB GRAN MAT A 12
  - (H) PCC SHOULDERS 12
  - (I) PCC SHOULDERS 12 SPL
  - (J) HMA SHOULDERS 10 1/2
  - (K) SHLDR STABILIZATION (NOTE 1)
  - (L) AGGREGATE SHLDS A 6
  - (M) TOPSOIL EXC & PLAC
  - (N) CONC BAR 2F 42HT
  - (O) CONC BAR 1F 42HT SPL
  - (P) MECH ST EARTH RET WL
  - (R) SPBGR TY A 6FT POSTS
  - (S) PCC PVT 12 JOINTED
  - (T) HMA PAVT FD 13
  - (U) PROCESS MOD SOIL 12 AND LIME
  - (W) SUB GRAN MAT C
  - (X) WOV W FENCE 4
  - (Y) SPBGR TY A 9FT POST
  - (AA) SHOULDER RUMBLE STRIP
- NOTE 1: (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER  
 NOTE 2: SEE PLAT OF HIGHWAY FOR FULL EXTENT OF GENERAL PURPOSE LICENSE. (GPL)



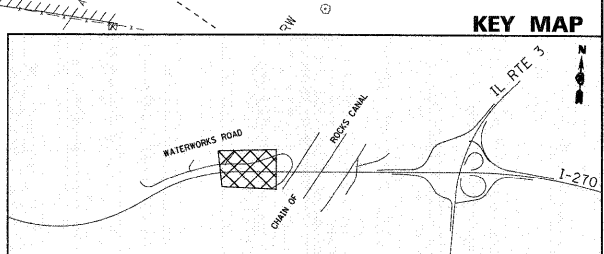
FILE NAME = DB76A91-Sht-Plan02.dgn	USER NAME = malopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLAN INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 51
PLOT SCALE = #SCALE#	PLOT DATE = 3/17/2011	DRAWN - BAH	REVISIED -	SCALE: 1" = 50'		SHEET NO. 2 OF 12 SHEETS		STA. 1164+00 TO STA. 1177+00		CONTRACT NO. 76A91
		CHECKED - SJM	REVISIED -	ILLINOIS FED. AID PROJECT						
		DATE - 06-30-10	REVISIED -							



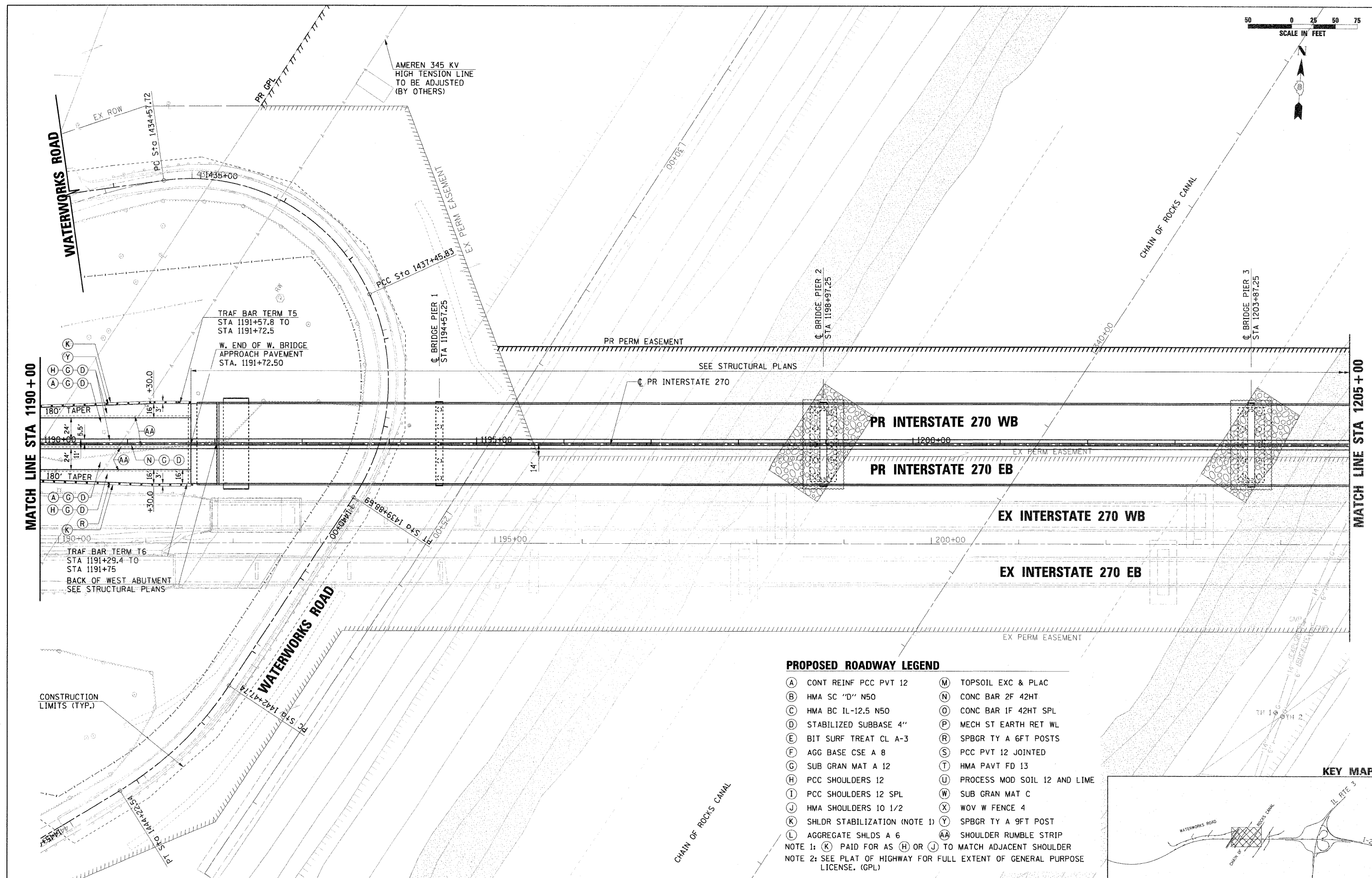
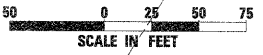
PROP. CURVE PR-WR-3  
 PI STA. = 1417+93.73  
 $\Delta = 11^\circ 21' 44''$  (RT)  
 $D = 1^\circ 11' 37''$   
 $R = 4,800.00'$   
 $T = 477.51'$   
 $L = 951.89'$   
 $E = 23.69'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. \text{ RUN} = \text{---}$   
 $P.C. \text{ STA.} = 1413+16.22$   
 $P.T. \text{ STA.} = 1422+68.11$   
 DESIGN SPEED = 20 MPH

PROP. CURVE PR-270-1  
 PI STA. = 1173+56.70  
 $\Delta = 30^\circ 01' 30''$  (RT)  
 $D = 1^\circ 14' 44''$   
 $R = 4,600.00'$   
 $T = 1,233.64'$   
 $L = 2,410.56'$   
 $E = 162.55'$   
 $e = 3.24\%$   
 $T.R. = \text{SEE SE TABLE}$   
 $S.E. \text{ RUN} = \text{SEE SE TABLE}$   
 $P.C. \text{ STA.} = 1161+23.06$   
 $P.T. \text{ STA.} = 1185+33.62$   
 DESIGN SPEED = 60 MPH

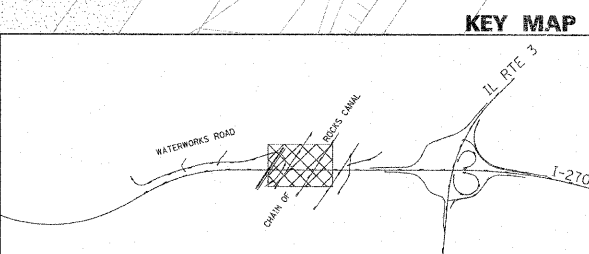
- PROPOSED ROADWAY LEGEND**
- (A) CONT REINF PCC PVT 12
  - (B) HMA SC "D" N50
  - (C) HMA BC IL-12.5 N50
  - (D) STABILIZED SUBBASE 4"
  - (E) BIT SURF TREAT CL A-3
  - (F) AGG BASE CSE A 8
  - (G) SUB GRAN MAT A 12
  - (H) PCC SHOULDERS 12
  - (I) PCC SHOULDERS 12 SPL
  - (J) HMA SHOULDERS 10 1/2
  - (K) SHLDR STABILIZATION (NOTE 1)
  - (L) AGGREGATE SHLDS A 6
  - (M) TOPSOIL EXC & PLAC
  - (N) CONC BAR 2F 42HT
  - (O) CONC BAR 1F 42HT SPL
  - (P) MECH ST EARTH RET WL
  - (R) SPBGR TY A 6FT POSTS
  - (S) PCC PVT 12 JOINTED
  - (T) HMA PAVT FD 13
  - (U) PROCESS MOD SOIL 12 AND LIME
  - (W) SUB GRAN MAT C
  - (X) WOV W FENCE 4
  - (Y) SPBGR TY A 9FT POST
  - (AA) SHOULDER RUMBLE STRIP
- NOTE 1: (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER  
 NOTE 2: SEE PLAT OF HIGHWAY FOR FULL EXTENT OF GENERAL PURPOSE LICENSE. (GPL)



FILE NAME = 0876A91-Shv-Plen03.dgn	USER NAME = malopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLAN INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 52	
PLOT SCALE = #SCALE#	DRAWN - BAH	REVISED -	SCALE: 1" = 50'			SHEET NO. 3 OF 12 SHEETS	STA. 1177+00 TO STA. 1190+00	ILLINOIS FED. AID PROJECT		CONTRACT NO. 76A91	
PLOT DATE = 3/17/2011	CHECKED - SJM	REVISED -									
DATE - 06-30-10	REVISOR -	REVISED -									



- PROPOSED ROADWAY LEGEND**
- (A) CONT REINF PCC PVT 12
  - (B) HMA SC "D" N50
  - (C) HMA BC IL-12.5 N50
  - (D) STABILIZED SUBBASE 4"
  - (E) BIT SURF TREAT CL A-3
  - (F) AGG BASE CSE A 8
  - (G) SUB GRAN MAT A 12
  - (H) PCC SHOULDERS 12
  - (I) PCC SHOULDERS 12 SPL
  - (J) HMA SHOULDERS 10 1/2
  - (K) SHLDR STABILIZATION (NOTE 1)
  - (L) AGGREGATE SHLDS A 6
  - (M) TOPSOIL EXC & PLAC
  - (N) CONC BAR 2F 42HT
  - (O) CONC BAR 1F 42HT SPL
  - (P) MECH ST EARTH RET WL
  - (R) SPBGR TY A 6FT POSTS
  - (S) PCC PVT 12 JOINTED
  - (T) HMA PAVT FD 13
  - (U) PROCESS MOD SOIL 12 AND LIME
  - (W) SUB GRAN MAT C
  - (X) WOV W FENCE 4
  - (Y) SPBGR TY A 9FT POST
  - (AA) SHOULDER RUMBLE STRIP
- NOTE 1: (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER  
 NOTE 2: SEE PLAT OF HIGHWAY FOR FULL EXTENT OF GENERAL PURPOSE LICENSE. (GPL)



FILE NAME = DB76A91-Sht-Plan-04.dgn	USER NAME = sbilven	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLAN INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 53		
PLOT SCALE = #SCALE#	DRAWN - BAH	REVISED - 4-20-11	SCALE: 1" = 50'			SHEET NO. 4 OF 12 SHEETS	STA. 1190+00 TO STA. 1205+00	CONTRACT NO. 76A91				
PLOT DATE = 4/20/2011	CHECKED - SJM	REVISED -	ILLINOIS FED. AID PROJECT									
	DATE - 06-30-10	REVISED -										



**PROPOSED ROADWAY LEGEND**

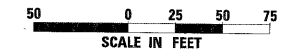
- |                                  |                                  |
|----------------------------------|----------------------------------|
| (A) CONT REINF PCC PVT 12        | (M) TOPSOIL EXC & PLAC           |
| (B) HMA SC "D" N50               | (N) CONC BAR 2F 42HT             |
| (C) HMA BC IL-12.5 N50           | (O) CONC BAR 1F 42HT SPL         |
| (D) STABILIZED SUBBASE 4"        | (P) MECH ST EARTH RET WL         |
| (E) BIT SURF TREAT CL A-3        | (R) SPBGR TY A 6FT POSTS         |
| (F) AGG BASE CSE A 8             | (S) PCC PVT 12 JOINTED           |
| (G) SUB GRAN MAT A 12            | (T) HMA PAVT FD 13               |
| (H) PCC SHOULDERS 12             | (U) PROCESS MOD SOIL 12 AND LIME |
| (I) PCC SHOULDERS 12 SPL         | (W) SUB GRAN MAT C               |
| (J) HMA SHOULDERS 10 1/2         | (X) WOV W FENCE 4                |
| (K) SHLDR STABILIZATION (NOTE 1) | (Y) SPBGR TY A 9FT POST          |
| (L) AGGREGATE SHLDS A 6          | (AA) SHOULDER RUMBLE STRIP       |

NOTE 1: (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER LICENSE. (GPL)  
 NOTE 2: SEE PLAT OF HIGHWAY FOR FULL EXTENT OF GENERAL PURPOSE LICENSE. (GPL)

PROP. CURVE PR-P1-3  
 PI STA. =21175+23.95  
 $\Delta = 55^\circ 49' 47''$  (RT)  
 $D = 6^\circ 59' 14''$   
 $R = 820.00'$   
 $T = 434.44'$   
 $L = 799.02'$   
 $E = 107.98'$   
 $e = 7.96\%$   
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA. =21170+89.51  
 P.T. STA. =21178+88.53  
 DESIGN SPEED = 50 MPH

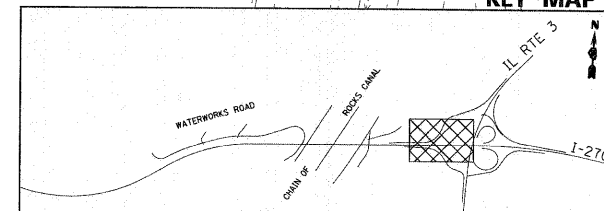
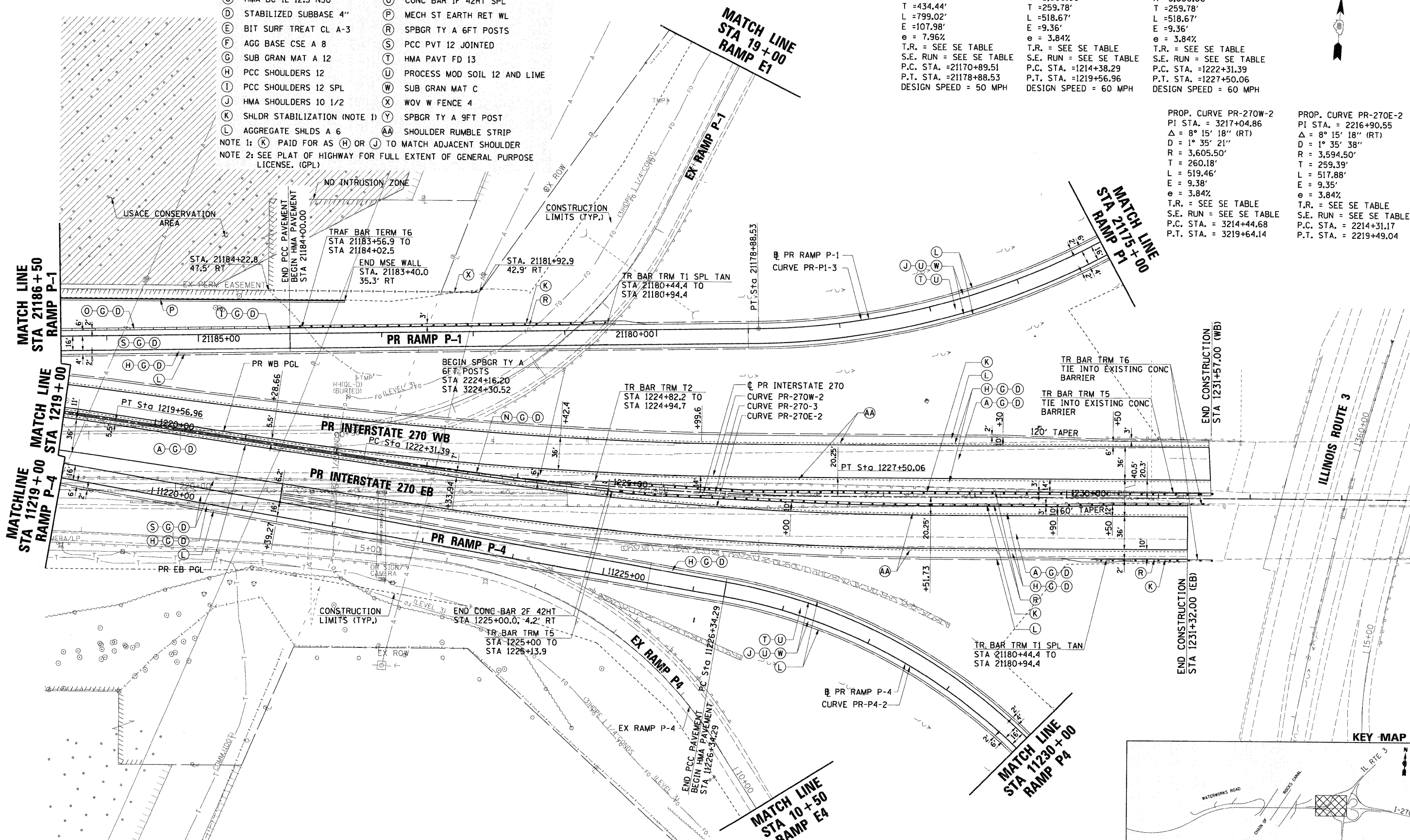
PROP. CURVE PR-270-2  
 PI STA. =2116+98.07  
 $\Delta = 8^\circ 15' 18''$  (RT)  
 $D = 1^\circ 35' 30''$   
 $R = 3,600.00'$   
 $T = 259.78'$   
 $L = 518.67'$   
 $E = 9.36'$   
 $e = 3.84\%$   
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA. =2114+38.29  
 P.T. STA. =2119+56.96  
 DESIGN SPEED = 60 MPH

PROP. CURVE PR-270-3  
 PI STA. =1224+91.18  
 $\Delta = 8^\circ 15' 18''$  (LT)  
 $D = 1^\circ 35' 30''$   
 $R = 3,600.00'$   
 $T = 259.78'$   
 $L = 518.67'$   
 $E = 9.36'$   
 $e = 3.84\%$   
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA. =1222+31.39  
 P.T. STA. =1227+50.06  
 DESIGN SPEED = 60 MPH



PROP. CURVE PR-270W-2  
 PI STA. = 3217+04.86  
 $\Delta = 8^\circ 15' 18''$  (RT)  
 $D = 1^\circ 35' 21''$   
 $R = 3,605.50'$   
 $T = 260.18'$   
 $L = 519.46'$   
 $E = 9.38'$   
 $e = 3.84\%$   
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA. = 3214+44.68  
 P.T. STA. = 3219+64.14

PROP. CURVE PR-270E-2  
 PI STA. = 2216+90.55  
 $\Delta = 8^\circ 15' 18''$  (RT)  
 $D = 1^\circ 35' 38''$   
 $R = 3,594.50'$   
 $T = 259.39'$   
 $L = 517.88'$   
 $E = 9.35'$   
 $e = 3.84\%$   
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA. = 2214+31.17  
 P.T. STA. = 2219+49.04

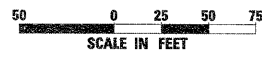


FILE NAME = DB76A91-Sub-Plan06.dgn	USER NAME = malopez	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLAN INTERSTATE 270</b>	F.A.I. RTE. = 270	SECTION = 60-1B-1	COUNTY = MADISON	TOTAL SHEETS = 712	SHEET NO. = 55	
PLOT SCALE = #SCALE#	CHECKED - SJM	REVISED -	SCALE: 1" = 50'			SHEET NO. 6 OF 12 SHEETS	STA. 1219+00 TO STA. 1233+00	CONTRACT NO. 76A91		ILLINOIS FED. AID PROJECT	
PLOT DATE = 3/17/2011	DATE = 06-30-10	REVISED -									

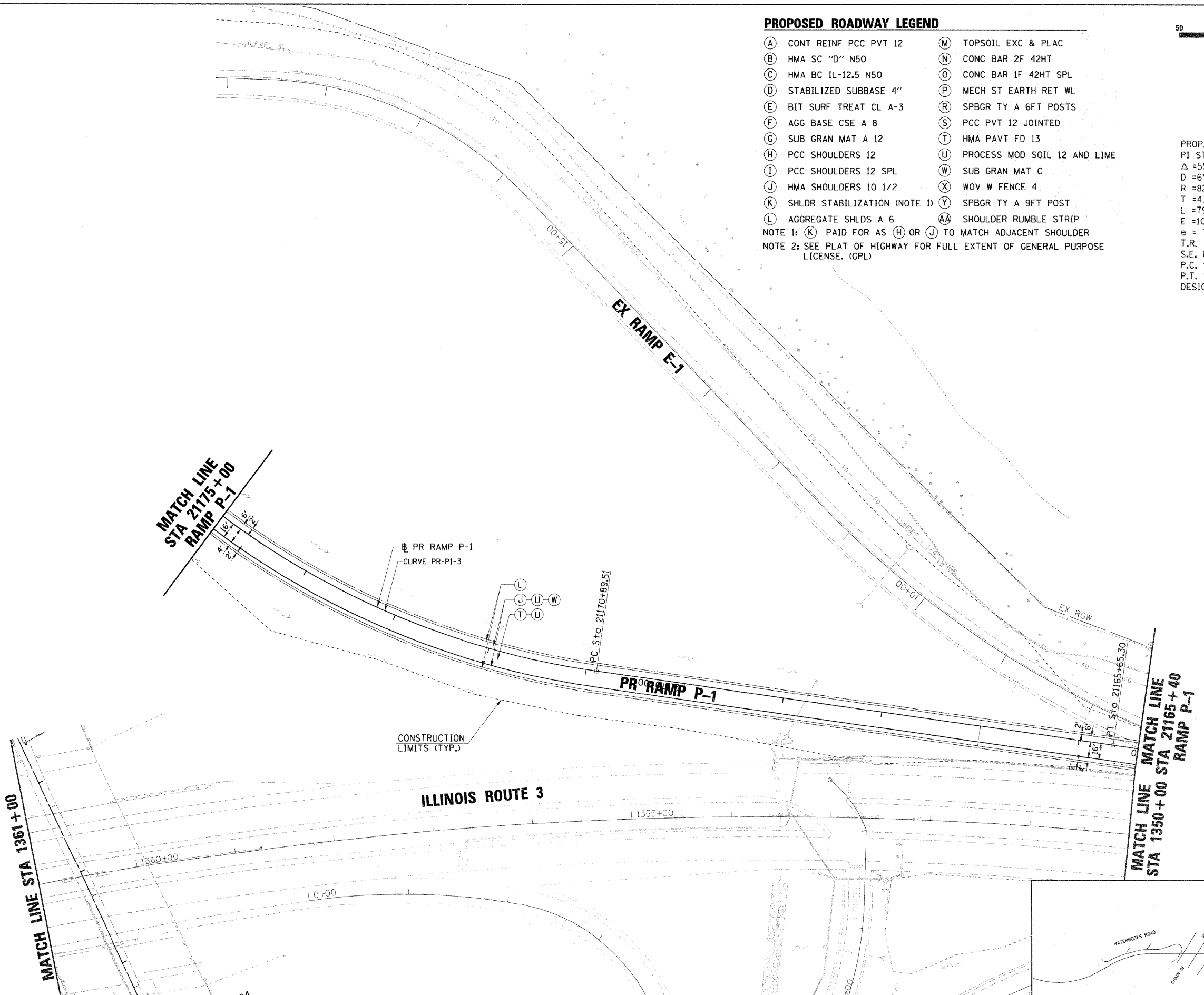
**PROPOSED ROADWAY LEGEND**

- (A) CONT REINF PCC PVT 12
- (B) HMA SC "D" N50
- (C) HMA BC IL-12.5 N50
- (D) STABILIZED SUBBASE 4"
- (E) BIT SURF TREAT CL A-3
- (F) AGG BASE CSE A 8
- (G) SUB GRAN MAT A 12
- (H) PCC SHOULDERS 12
- (I) PCC SHOULDERS 12 SPL
- (J) HMA SHOULDERS 10 1/2
- (K) SHLDR STABILIZATION (NOTE 1)
- (L) AGGREGATE SHLDS A 6
- (M) TOPSOIL EXC & PLAC
- (N) CONC BAR 2F 42HT
- (O) CONC BAR 1F 42HT SPL
- (P) MECH ST EARTH RET WL
- (R) SPBGR TY A 6FT POSTS
- (S) PCC PVT 12 JOINTED
- (T) HMA PAVT FD 13
- (U) PROCESS MOD SOIL 12 AND LIME
- (W) SUB GRAN MAT C
- (X) WOV W FENCE 4
- (Y) SPBGR TY A 9FT POST
- (AA) SHOULDER RUMBLE STRIP

NOTE 1: (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER  
 NOTE 2: SEE PLAT OF HIGHWAY FOR FULL EXTENT OF GENERAL PURPOSE LICENSE. (GPL)



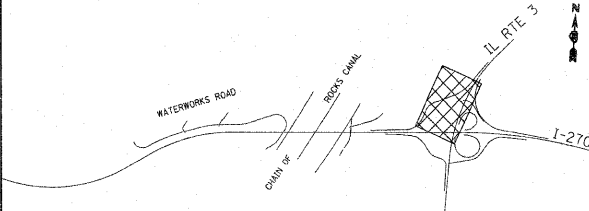
PROP. CURVE PR-P1-3  
 P1 STA. =21175+23.95  
 $\Delta$  =55° 49' 47" (RT)  
 $D$  =6° 59' 14"  
 $R$  =820.00'  
 $T$  =434.44'  
 $L$  =799.02'  
 $E$  =107.98'  
 $e$  = 7.96%  
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA. =21170+89.51  
 P.T. STA. =21178+88.53  
 DESIGN SPEED = 50 MPH



MATCH LINE STA 21175+00 RAMP P-1

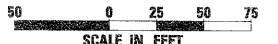
MATCH LINE STA 1350+00 STA 21165+40 RAMP P-1

**KEY MAP**



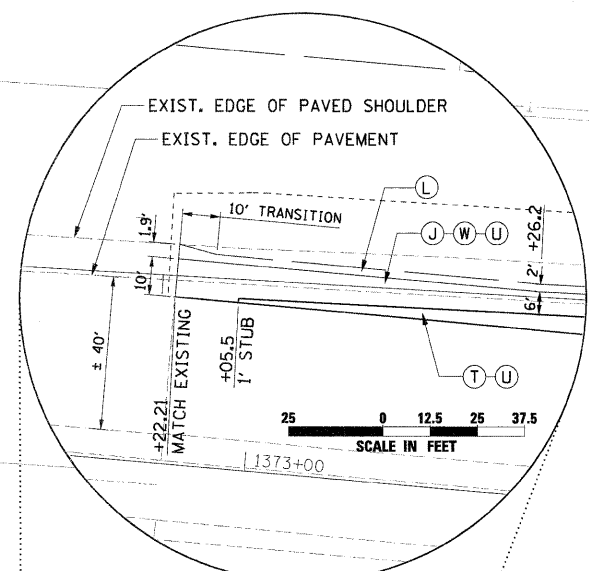
FILE NAME = DB76A91-Sht-P1.en@7.dgn	USER NAME = sbliven	DESIGNED - SJM	REVISED - 01-04-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLAN</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 56	
		DRAWN - BAH	REVISED - 04-20-11		<b>PROPOSED RAMP P-1 (SB IL RT 3 TO WB I-270)</b>				CONTRACT NO. 76A91		
		CHECKED - SJM	REVISED -		SCALE: 1" = 50'	SHEET NO. 7 OF 12 SHEETS	STA. 1361+00	TO STA. 1349+90	ILLINOIS FED. AID PROJECT		
		DATE - 06-30-10	REVISED -								





PROP. CURVE PR-P4-2  
 PI STA. =11231+76.61  
 $\Delta$  =84° 13' 07" (RT)  
 D =9° 32' 57" (RT)  
 R =600.00'  
 T =542.32'  
 L =881.94'  
 E =208.77'  
 e = 8.00%  
 T.R. = SEE SE TABLE  
 S.E. RUN = SEE SE TABLE  
 P.C. STA. =11226+34.29  
 P.T. STA. =11235+16.23  
 DESIGN SPEED = 45 MPH

- PROPOSED ROADWAY LEGEND**
- |                                  |                                  |
|----------------------------------|----------------------------------|
| (A) CONT REINF PCC PVT 12        | (M) TOPSOIL EXC & PLAC           |
| (B) HMA SC "D" N50               | (N) CONC BAR 2F 42HT             |
| (C) HMA BC IL-12.5 N50           | (O) CONC BAR 1F 42HT SPL         |
| (D) STABILIZED SUBBASE 4"        | (P) MECH ST EARTH RET WL         |
| (E) BIT SURF TREAT CL A-3        | (R) SPBGR TY A 6FT POSTS         |
| (F) AGG BASE CSE A 8             | (S) PCC PVT 12 JOINTED           |
| (G) SUB GRAN MAT A 12            | (T) HMA PAVT FD 13               |
| (H) PCC SHOULDERS 12             | (U) PROCESS MOD SOIL 12 AND LIME |
| (I) PCC SHOULDERS 12 SPL         | (W) SUB GRAN MAT C               |
| (J) HMA SHOULDERS 10 1/2         | (X) WOV W FENCE 4                |
| (K) SHLDR STABILIZATION (NOTE 1) | (Y) SPBGR TY A 9FT POST          |
| (L) AGGREGATE SHLDS A 6          | (AA) SHOULDER RUMBLE STRIP       |
- NOTE 1: (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER  
 NOTE 2: SEE PLAT OF HIGHWAY FOR FULL EXTENT OF GENERAL PURPOSE LICENSE. (GPL)



CHAIN OF ROCKS ROAD

END CONSTRUCTION STA 1373+22.21 (IL RTE 3)

STA 11235+47.31 RAMP P-4 =  
 STA 1368+45.36, 62' RT IL RTE 3

CONSTRUCTION LIMITS (TYP.)

CURVE PR-P4-2  
 PR RAMP P-4

CONSTRUCTION LIMITS (TYP.)

EXISTING EDGE OF PAVEMENT  
 EXISTING EDGE OF SHOULDER

EX ROW

EXISTING EDGE OF SHOULDER  
 EXISTING EDGE OF PAVEMENT

EX ROW

ILLINOIS ROUTE 3

POT Sta 11235+47.31  
 POT Sta 11235+34.93  
 PT Sta 11235+16.23

± 83.0  
 2' STUB

PR RAMP P-4

(J) (W) (U) (T) (L)

IL ROUTE 3  
 CURVE = EX-IL3-1

STA 1366+88.46, 44.0' RT (IL-RTE 3)  
 MATCH EXISTING

EXISTING EDGE OF SHOULDER  
 EXISTING EDGE OF PAVEMENT

EX ROW

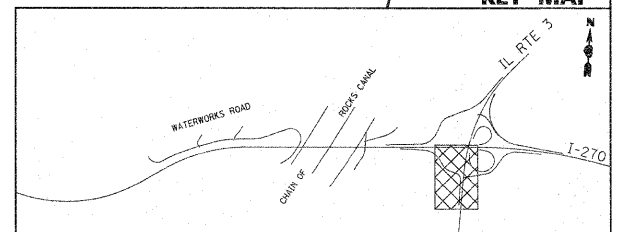
EXISTING EDGE OF SHOULDER  
 EXISTING EDGE OF PAVEMENT

EX ROW

EX RAMP E-8

EX RAMP E-8

MATCH LINE STA 1361+00



FILE NAME =  
 D876A91-Sht-P1en09.dgn

USER NAME = sbj1ven  
 PLOT SCALE = #SCALE#  
 PLOT DATE = 4/20/2011

DESIGNED - SJM  
 DRAWN - BAH  
 CHECKED - SJM  
 DATE - 06-30-10

REVISED - 01-04-11  
 REVISED - 4-20-11  
 REVISED -  
 REVISED -

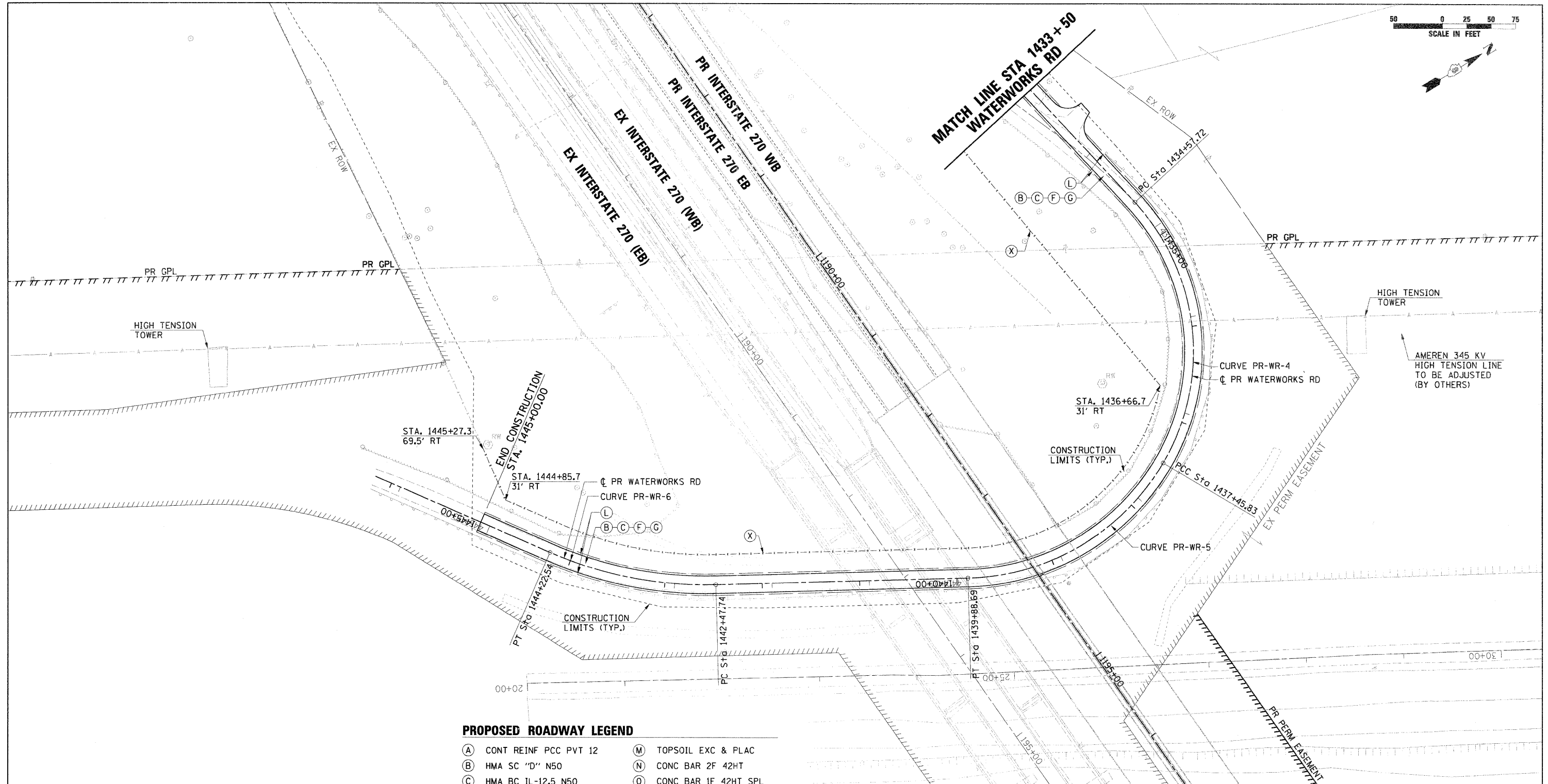
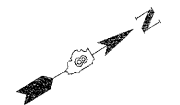
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN  
 PROPOSED RAMP P-4 (EB I-270 TO SB IL RT 3)

SCALE: 1" = 50' SHEET NO. 9 OF 12 SHEETS STA. 1375+20 TO STA. 1361+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	58
CONTRACT NO. 76A91			ILLINOIS FED. AID PROJECT	





**PROPOSED ROADWAY LEGEND**

- |                                  |                                  |
|----------------------------------|----------------------------------|
| (A) CONT REINF PCC PVT 12        | (M) TOPSOIL EXC & PLAC           |
| (B) HMA SC "D" N50               | (N) CONC BAR 2F 42HT             |
| (C) HMA BC IL-12.5 N50           | (O) CONC BAR 1F 42HT SPL         |
| (D) STABILIZED SUBBASE 4"        | (P) MECH ST EARTH RET WL         |
| (E) BIT SURF TREAT CL A-3        | (R) SPBGR TY A 6FT POSTS         |
| (F) AGG BASE CSE A 8             | (S) PCC PVT 12 JOINTED           |
| (G) SUB GRAN MAT A 12            | (T) HMA PAVT FD 13               |
| (H) PCC SHOULDERS 12             | (U) PROCESS MOD SOIL 12 AND LIME |
| (I) PCC SHOULDERS 12 SPL         | (W) SUB GRAN MAT C               |
| (J) HMA SHOULDERS 10 1/2         | (X) WOV W FENCE 4                |
| (K) SHLDR STABILIZATION (NOTE 1) | (Y) SPBGR TY A 9FT POST          |
| (L) AGGREGATE SHLDS A 6          | (AA) SHOULDER RUMBLE STRIP       |

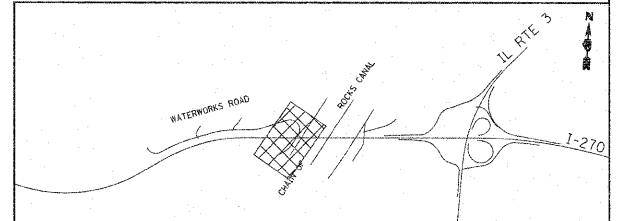
NOTE 1: (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER  
 NOTE 2: SEE PLAT OF HIGHWAY FOR FULL EXTENT OF GENERAL PURPOSE LICENSE. (GPL)

PROP. CURVEPR-WR-4  
 PI STA. =1436+25.33  
 $\Delta = 73^\circ 21' 58''$  (RT)  
 D =25° 27' 53"  
 R =225.00'  
 T =167.61'  
 L =288.11'  
 E =55.57'  
 e = -  
 T.R. = -  
 S.E. RUN = -  
 P.C. STA. =1434+57.72  
 P.T. STA. =1437+45.83  
 DESIGN SPEED = 20 MPH

PROP. CURVEPR-WR-5  
 PI STA. =1438+78.81  
 $\Delta = 57^\circ 58' 38''$  (RT)  
 D =23° 52' 24"  
 R =240.00'  
 T =132.97'  
 L =242.86'  
 E =34.37'  
 e = -  
 T.R. = -  
 S.E. RUN = -  
 P.C. STA. =1437+45.83  
 P.T. STA. =1439+88.69  
 DESIGN SPEED = 20 MPH

PROP. CURVEPR-WR-6  
 PI STA. =1443+36.56  
 $\Delta = 25^\circ 02' 19''$  (RT)  
 D =14° 19' 26"  
 R =400.00'  
 T =88.82'  
 L =174.80'  
 E =9.74'  
 e = -  
 T.R. = -  
 S.E. RUN = -  
 P.C. STA. =1442+27.74  
 P.T. STA. =1444+22.54  
 DESIGN SPEED = 20 MPH

**KEY MAP**



FILE NAME = D876A91-Shr-Plan18.dgn

USER NAME = sbilven  
 DESIGNED - SJM  
 DRAWN - BAH  
 CHECKED - SJM  
 DATE - 06-30-10

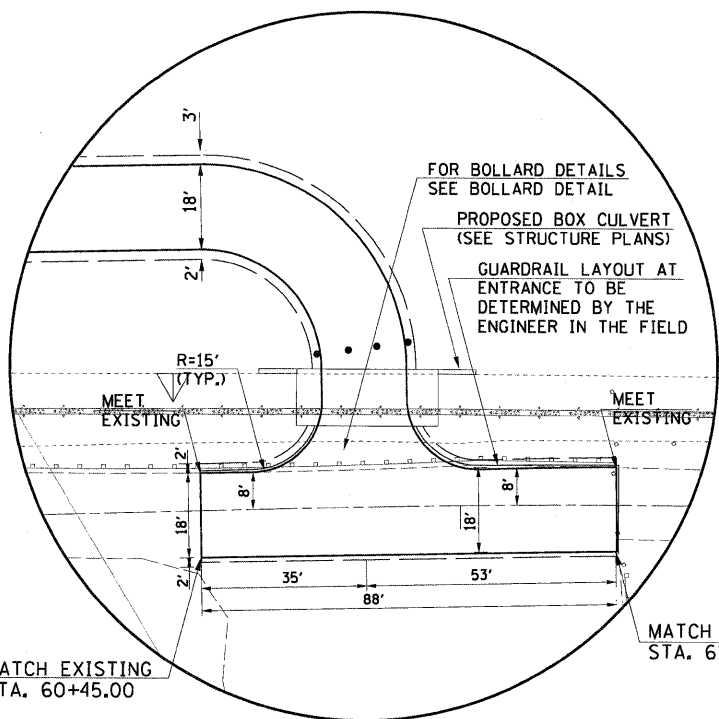
REVISED - 01-04-11  
 REVISED - 4-20-11  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN  
 WATERWORKS ROAD**

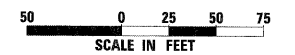
SCALE: 1" = 50' SHEET NO. 10 OF 12 SHEETS STA. 1433+00 TO STA. 1446+79.93

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	59
CONTRACT NO. 76A91			ILLINOIS FED. AID PROJECT	

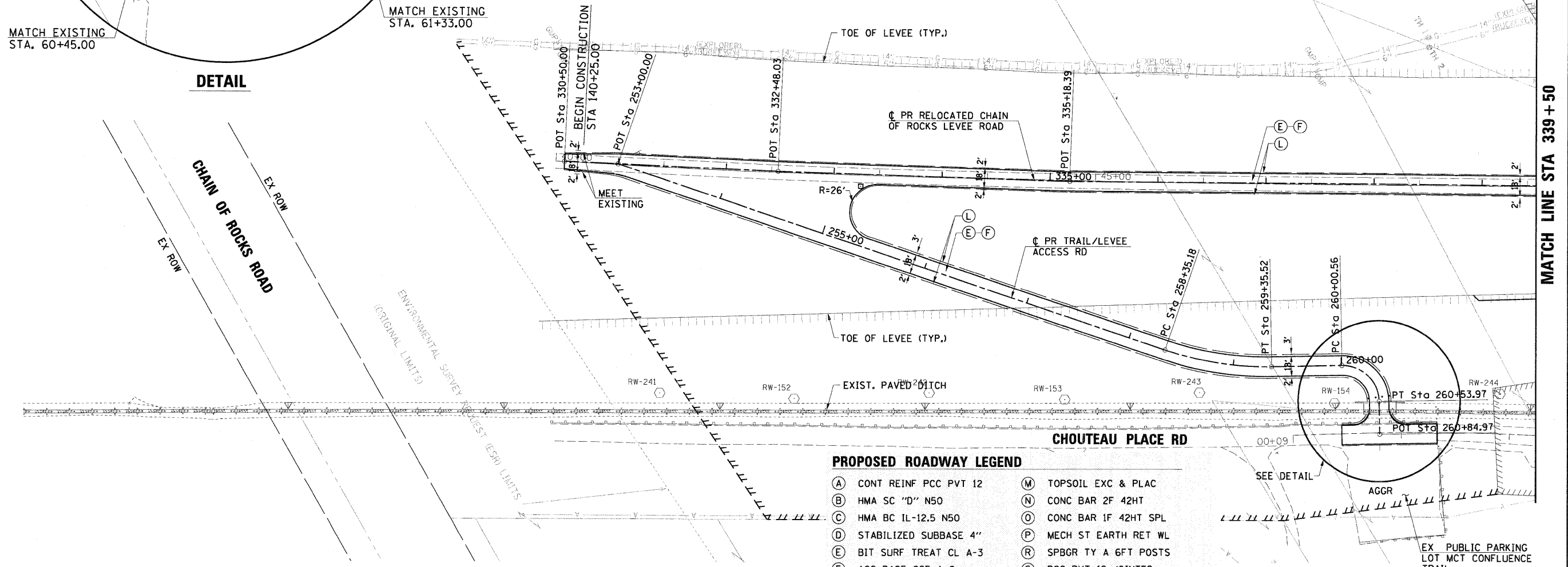


**DETAIL**

PROP. CURVEPR-CPRN-1	PROP. CURVEPR-CPRN-2	PROP. CURVEPR-CPRN-3
PI STA. =253+35.86	PI STA. =261+11.47	PI STA. =261+95.34
$\Delta = 15^\circ 53' 07''$ (RT)	$\Delta = 19^\circ 28' 11''$ (LT)	$\Delta = 4^\circ 37' 09''$ (RT)
D =54° 34' 03"	D =54° 34' 03"	D =3° 29' 25"
R =105.00'	R =105.00'	R =1,641.60'
T =14.65'	T =18.01'	T =66.21'
L =29.11'	L =35.68'	L =132.35'
E =1.02'	E =1.53'	E =1.33'
e = -----	e = -----	e = -----
T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. =253+21.21	P.C. STA. =260+93.45	P.C. STA. =261+29.13
P.T. STA. =253+50.32	P.T. STA. =261+29.13	P.T. STA. =262+61.48
DESIGN SPEED = 20 MPH	DESIGN SPEED = 20 MPH	DESIGN SPEED = 20 MPH



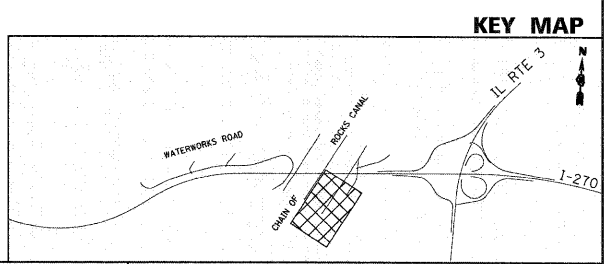
**CHAIN OF ROCKS CANAL**



**PROPOSED ROADWAY LEGEND**

(A) CONT REINF PCC PVT 12	(M) TOPSOIL EXC & PLAC
(B) HMA SC "D" N50	(N) CONC BAR 2F 42HT
(C) HMA BC IL-12.5 N50	(O) CONC BAR 1F 42HT SPL
(D) STABILIZED SUBBASE 4"	(P) MECH ST EARTH RET WL
(E) BIT SURF TREAT CL A-3	(R) SPBGR TY A 6FT POSTS
(F) AGG BASE CSE A 8	(S) PCC PVT 12 JOINTED
(G) SUB GRAN MAT A 12	(T) HMA PAVT FD 13
(H) PCC SHOULDERS 12	(U) PROCESS MOD SOIL 12 AND LIME
(I) PCC SHOULDERS 12 SPL	(W) SUB GRAN MAT C
(J) HMA SHOULDERS 10 1/2	(X) WOV W FENCE 4
(K) SHLDR STABILIZATION (NOTE 1)	(Y) SPBGR TY A 9FT POST
(L) AGGREGATE SHLDS A 6	(AA) SHOULDER RUMBLE STRIP

NOTE 1: (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER  
 NOTE 2: SEE PLAT OF HIGHWAY FOR FULL EXTENT OF GENERAL PURPOSE LICENSE. (GPL)



PROP. CURVE PR-LRE2-1  
PI STA. = 340+17.81  
Δ = 44° 15' 11" (RT)  
D = 54° 34' 03"  
R = 105.00'  
T = 42.69'  
L = 81.10'  
E = 8.35'  
e = ----  
T.R. = ----  
S.E. RUN = ----  
P.C. STA. = 339+75.12  
P.T. STA. = 340+56.21

PROP. CURVE PR-LRE2-2  
PI STA. = 342+40.77  
Δ = 45° 13' 59" (LT)  
D = 54° 34' 03"  
R = 105.00'  
T = 43.74'  
L = 82.89'  
E = 8.75'  
e = ----  
T.R. = ----  
S.E. RUN = ----  
P.C. STA. = 341+97.03  
P.T. STA. = 342+79.92

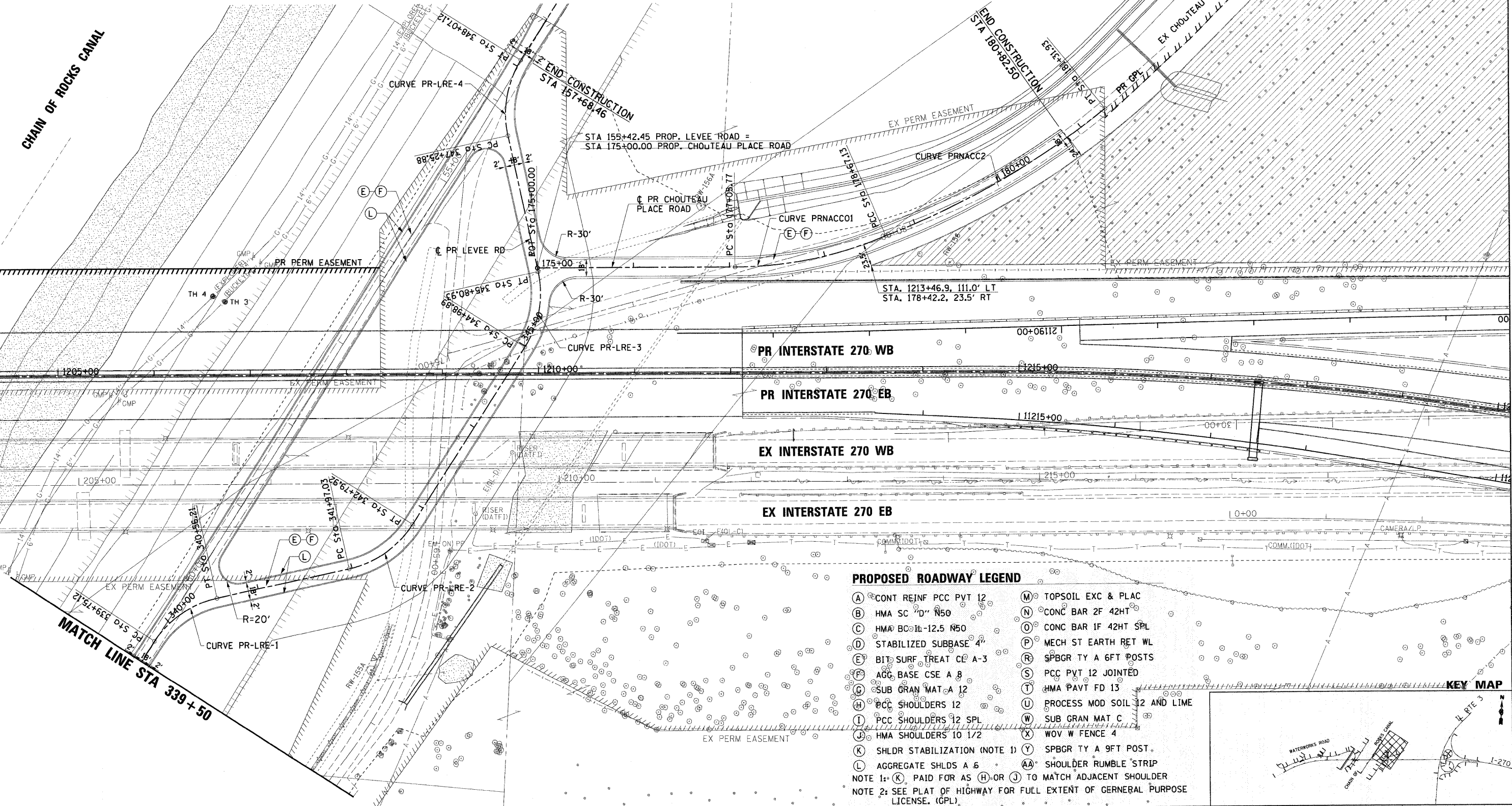
PROP. CURVE PR-LRE2-3  
PI STA. = 345+42.13  
Δ = 44° 46' 01" (LT)  
D = 54° 34' 03"  
R = 105.00'  
T = 43.24'  
L = 82.04'  
E = 8.56'  
e = ----  
T.R. = ----  
S.E. RUN = ----  
P.C. STA. = 344+98.89  
P.T. STA. = 345+80.93

PROP. CURVE PR-LRE2-4  
PI STA. = 347+68.65  
Δ = 44° 19' 49" (RT)  
D = 54° 34' 03"  
R = 105.00'  
T = 42.78'  
L = 81.24'  
E = 8.38'  
e = ----  
T.R. = ----  
S.E. RUN = ----  
P.C. STA. = 347+25.88  
P.T. STA. = 348+07.12

EX LEVEE ROAD

PROP. CURVE PRNACC01  
PI STA. = 177+87.56  
Δ = 23° 06' 47" (LT)  
D = 14° 19' 26"  
R = 400.00'  
T = 81.79'  
L = 161.36'  
E = 8.28'  
e = ----  
T.R. = ----  
S.E. RUN = ----  
P.C. STA. = 177+05.77  
P.T. STA. = 178+67.13

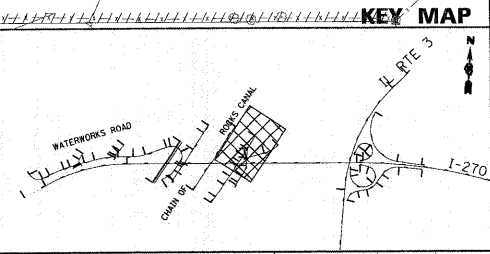
PROP. CURVE PRNACC2  
PI STA. = 180+00.63  
Δ = 18° 02' 15" (LT)  
D = 6° 48' 42"  
R = 841.13'  
T = 133.50'  
L = 264.80'  
E = 10.53'  
e = ----  
T.R. = ----  
S.E. RUN = ----  
P.C. STA. = 178+67.13  
P.T. STA. = 181+31.93



**PROPOSED ROADWAY LEGEND**

(A) CONT REINF PCC PVT 12	(M) TOPSOIL EXC & PLAC
(B) HMA SC "D" N50	(N) CONC BAR 2F 42HT
(C) HMA BC 11-12.5 N50	(O) CONC BAR 1F 42HT SPL
(D) STABILIZED SUBBASE 4"	(P) MECH ST EARTH RET WL
(E) BIT SURF TREAT CE A-3	(R) SPBOR TY A 6FT POSTS
(F) AGG BASE CSE A 8	(S) PCC PVT 12 JOINTED
(G) SUB GRAN MAT A 12	(T) HMA PAVT FD 13
(H) PCC SHOULDERS 12	(U) PROCESS MOD SOIL 12 AND LIME
(I) PCC SHOULDERS 12 SPL	(W) SUB GRAN MAT C
(J) HMA SHOULDERS 10 1/2	(X) WOV W FENCE 4
(K) SHLDR STABILIZATION (NOTE 1)	(Y) SPBOR TY A 9FT POST.
(L) AGGREGATE SHLDS A 6	(AA) SHOULDER RUMBLE STRIP

NOTE 1: (K) PAID FOR AS (H) OR (J) TO MATCH ADJACENT SHOULDER  
NOTE 2: SEE PLAT OF HIGHWAY FOR FULL EXTENT OF GENERAL PURPOSE LICENSE. (GPL)



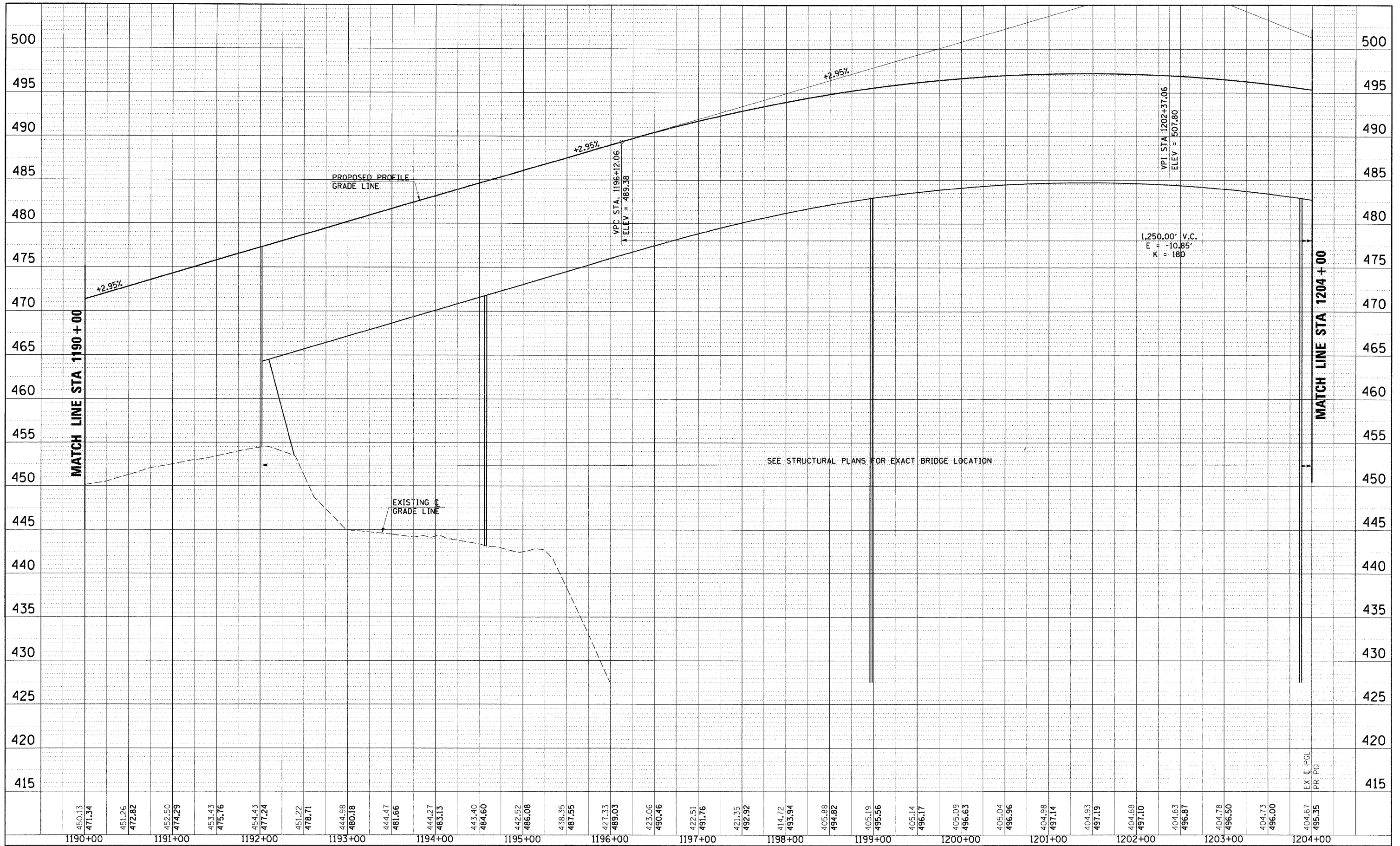






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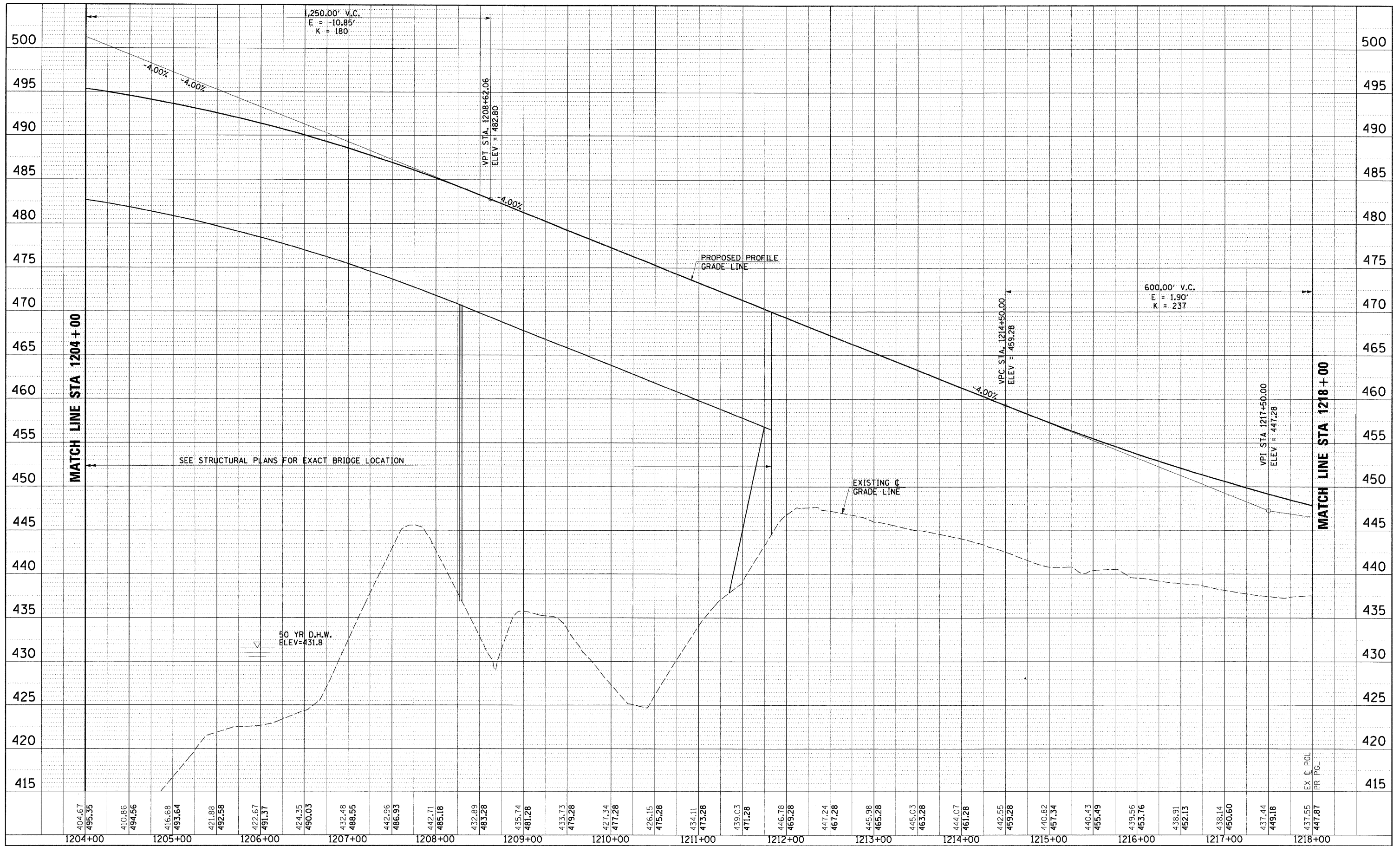
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	NOTE BOOK		
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FILE NAME = 0876A91-Sht-P-Prof04.DGN	USER NAME = molopez	DESIGNED - SJM	REVISED - 07-30-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PROFILE INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 65	
	PLOT SCALE = *SCALE*	DRAWN - BAH	REVISED -			SCALE: 1"=100'	SHEET NO. 4 OF 16 SHEETS	STA. 2190+00 TO STA. 2205+00	FED. ROAD DIST. NO.	(ILLINOIS) FED. AID PROJECT	CONTRACT NO. 76A91
	PLOT DATE = 3/16/2011	CHECKED - SJM	REVISED -								
		DATE - 06-30-10	REVISED -								

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

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

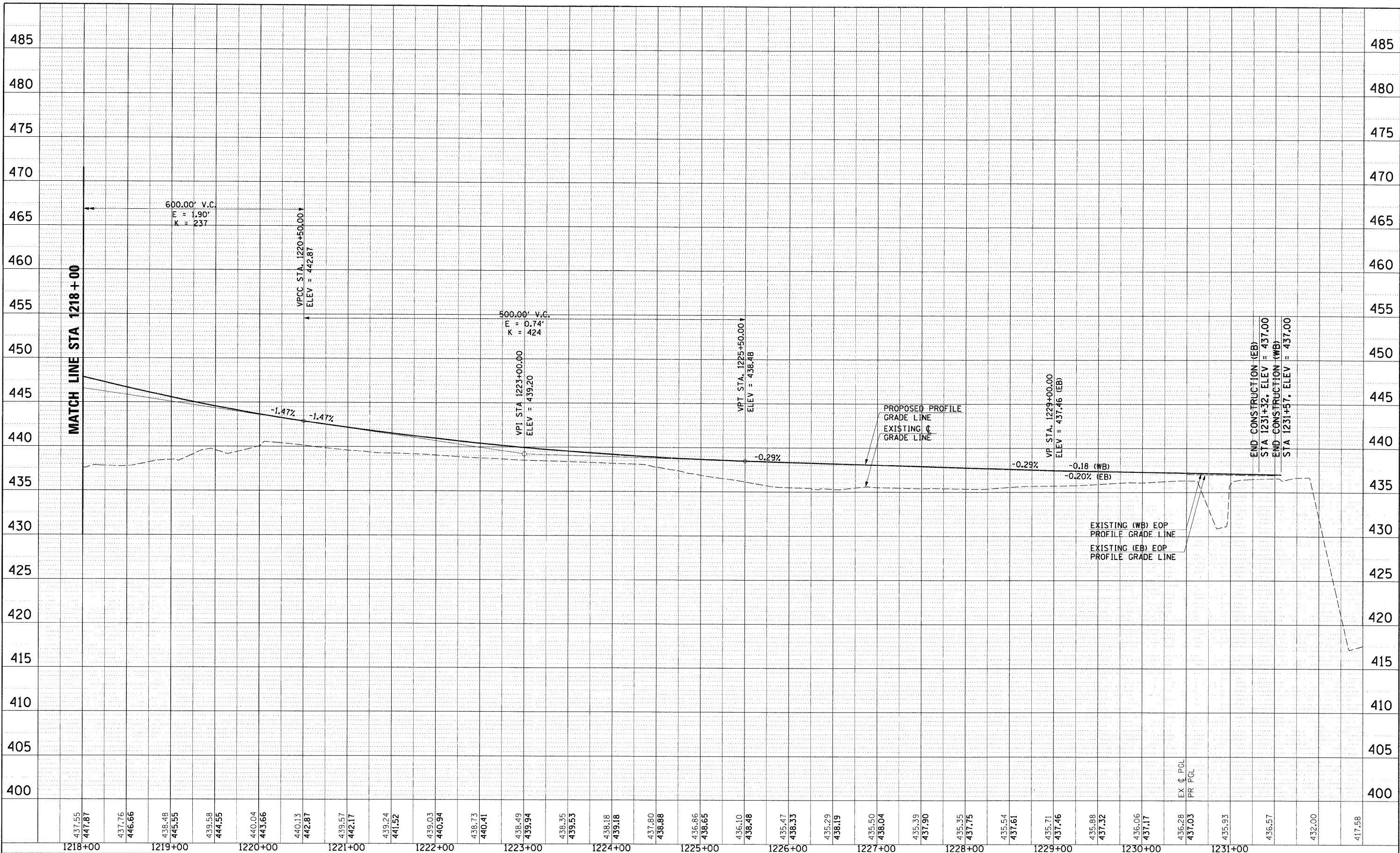


FILE NAME = D876A91-Sht-Prof05.DGN	USER NAME = malopez	DESIGNED - SJM	REVISED - 07-30-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PROFILE INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 66
PLOT SCALE = *SCALE*	DRAWN - BAH	REVISED -	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/16/2011	CHECKED - SJM	REVISED -	CONTRACT NO. 76A91							
DATE - 06-30-10	REVISOR -	REVISED -	SCALE: 1"=(H)50'(V)5' SHEET NO. 5 OF 16 SHEETS STA. 2205+00 TO STA. 2219+00							



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

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

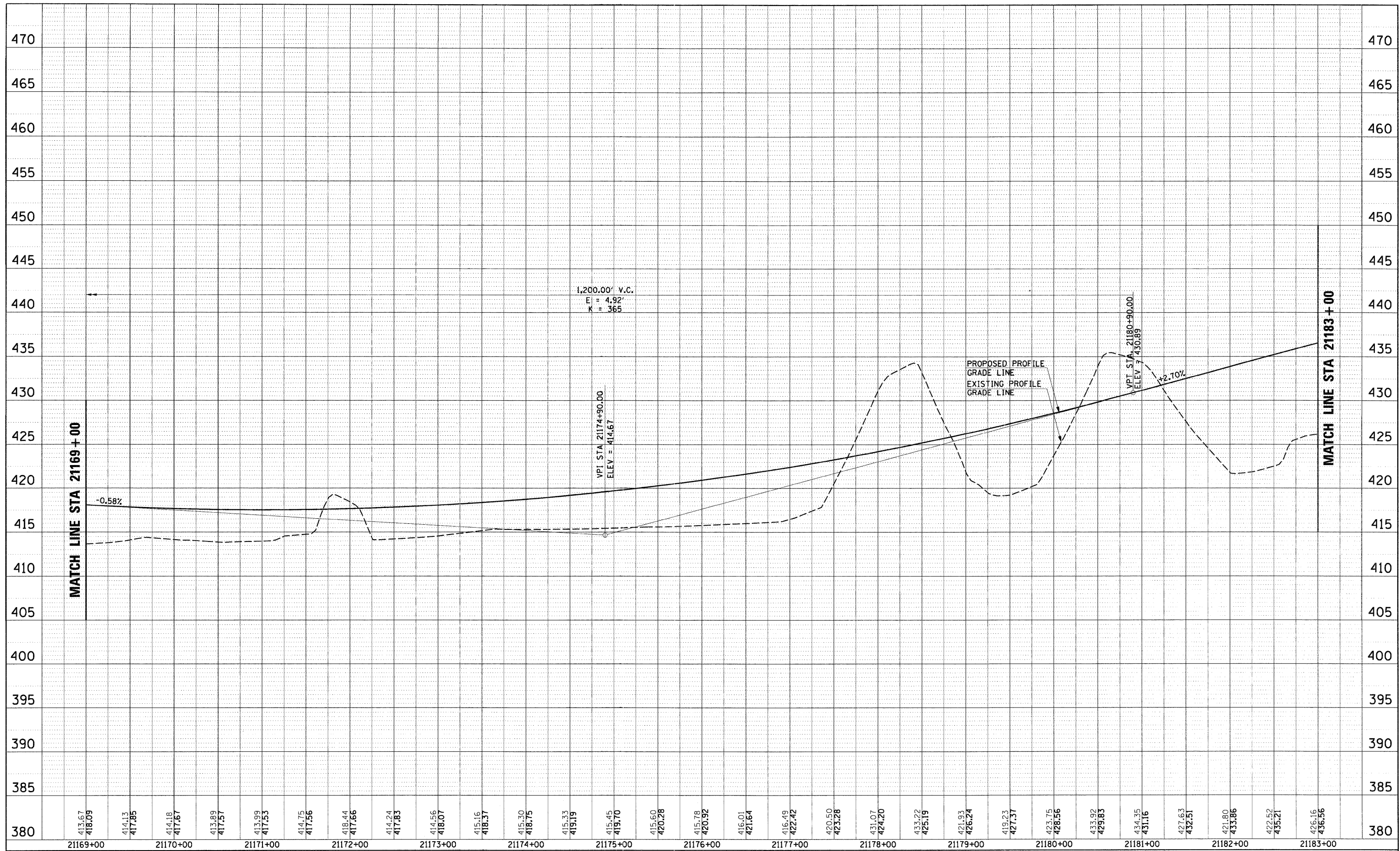


FILE NAME = DB76A91-Sh1-Pr of 06.DGN	USER NAME = molopez	DESIGNED - SJM	REVISED - 07-30-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PROFILE INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 67	
PLOT SCALE = #SCALE#	CHECKED - SJM	REVISED -	REVISED -			SCALE: 1"=(H)50'(V)5' SHEET NO. 6 OF 16 SHEETS + STA. 2219+00 TO STA. 2231+00					
PLOT DATE = 3/16/2011	DATE - 06-30-10	REVISED -	REVISED -			CONTRACT NO. 76A91					
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



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

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

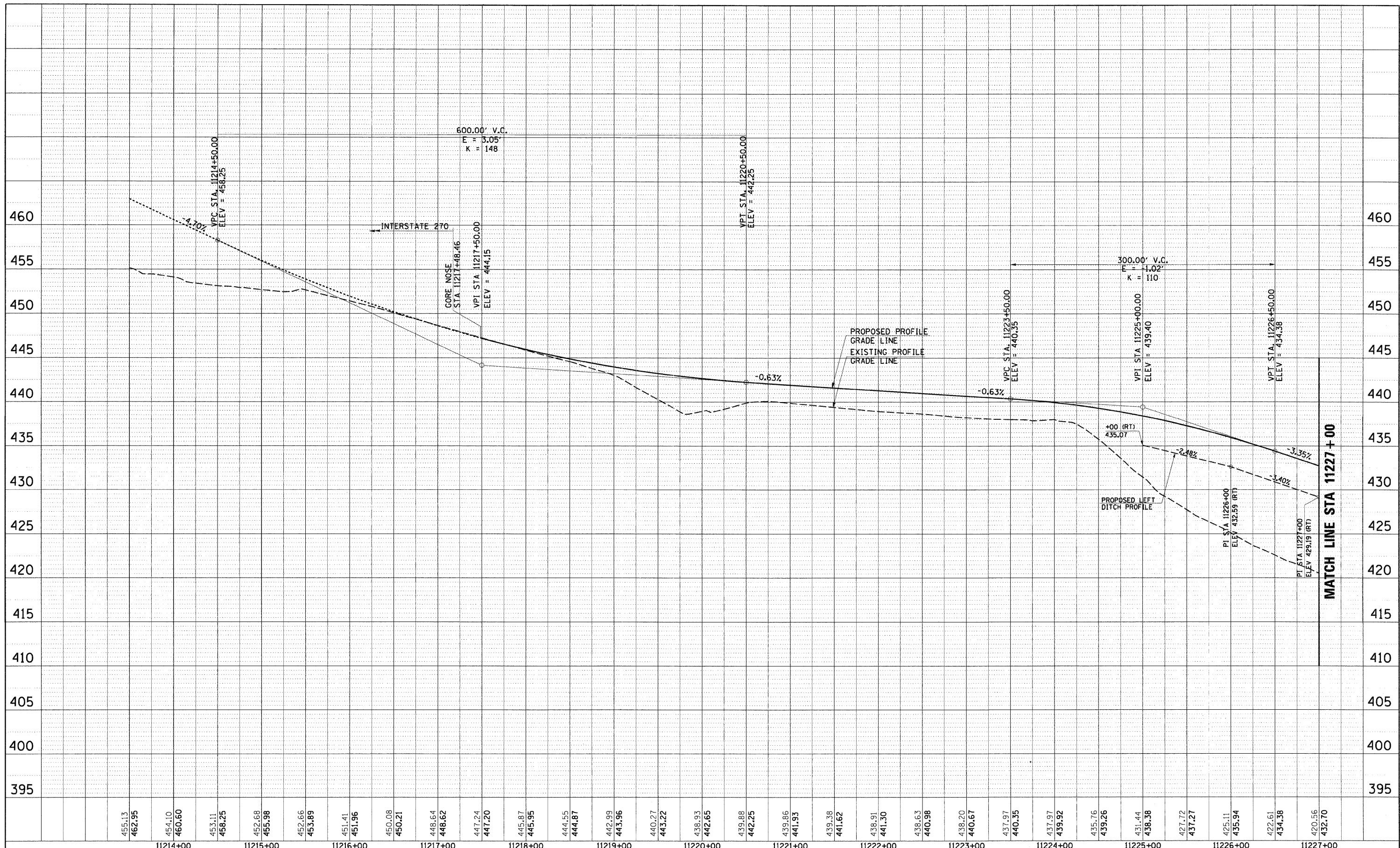


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	PLOT SCALE = *SCALE*	DRAWN - BAH	REVISED -			SCALE: 1"=(H)50'(V)5   SHEET NO. 8 OF 16 SHEETS STA. 21169+00 TO STA. 21183+00					
	PLOT DATE = 3/16/2011	CHECKED - SJM	REVISED -			FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT					
		DATE - 06-30-10	REVISED -			CONTRACT NO. 76A91					



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
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PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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	STRUCTURE NOTATIONS CHK'D		

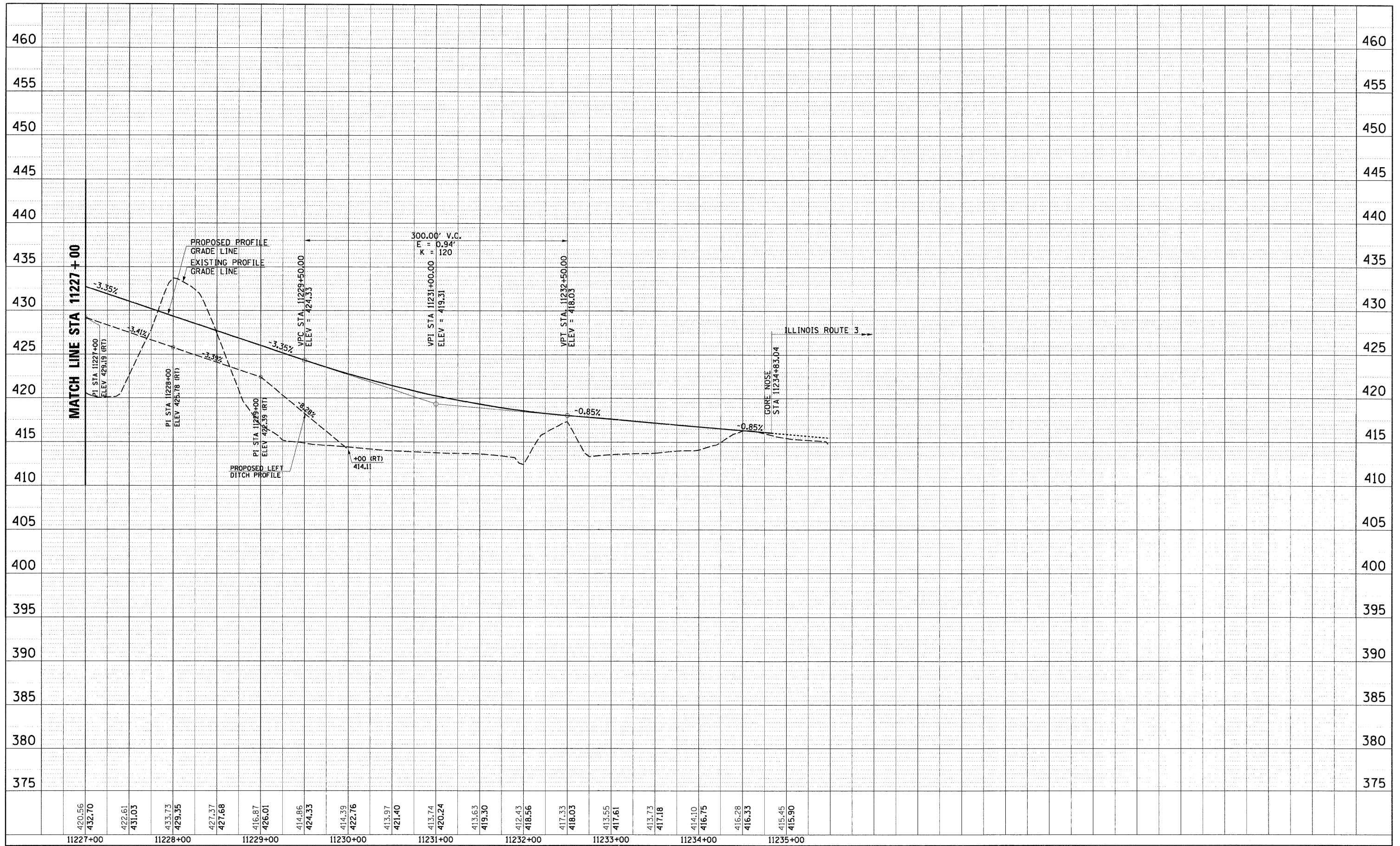


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	PLOT SCALE = *SCALE*	DRAWN - BAH	REVISED -			CONTRACT NO. 76A91				
	PLOT DATE = 3/16/2011	CHECKED - SJM	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
		DATE - 06-30-10	REVISED -							

SCALE: 1"=1050'(V)5" SHEET NO. 10 OF 16 SHEETS STA. 11213+50 TO STA. 11227+00

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

PROFILE	SURVEYED	BY	DATE
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	FILE NAME		

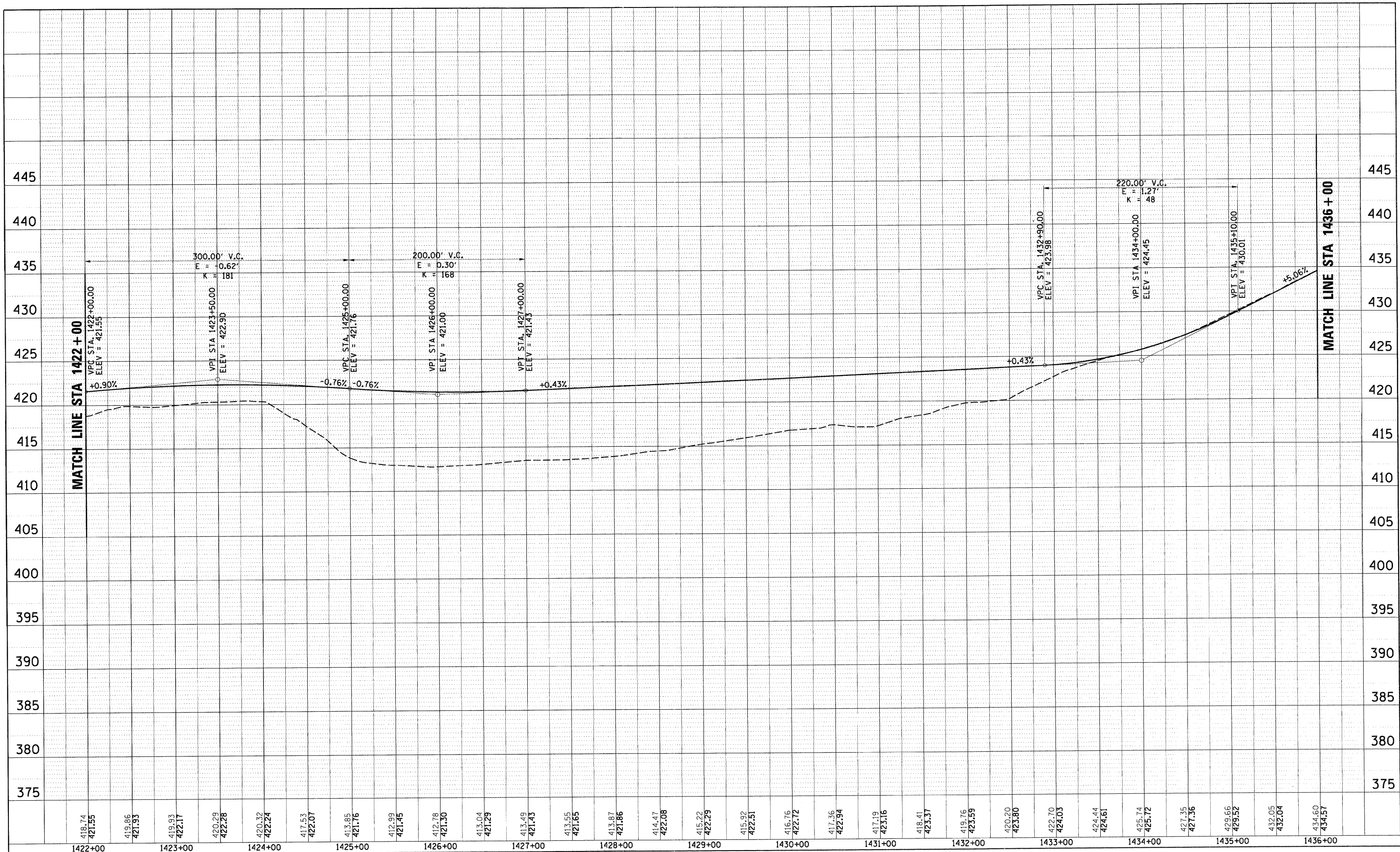


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PLOT SCALE = #SCALE#	DATE = 06-30-10	DRAWN - BAH	REVISED -			SCALE: 1"=(H)50'(V)5' SHEET NO. 11 OF 16 SHEETS STA. 11227+00 TO STA. 11235+47.31					
PLOT DATE = 3/16/2011	DATE = 06-30-10	CHECKED - SJM	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					
		DATE = 06-30-10	REVISED -			CONTRACT NO. 76A91					



PLAN SURVEYED BY DATE  
 DRAWN BY DATE  
 CHECKED BY DATE  
 NOTE BOOK NO. OF WAY CHECKED  
 CADD FILE NAME

PROFILE SURVEYED BY DATE  
 PLOTTED BY DATE  
 GRADES CHECKED  
 STRUCTURE NOTATIONS OK'D

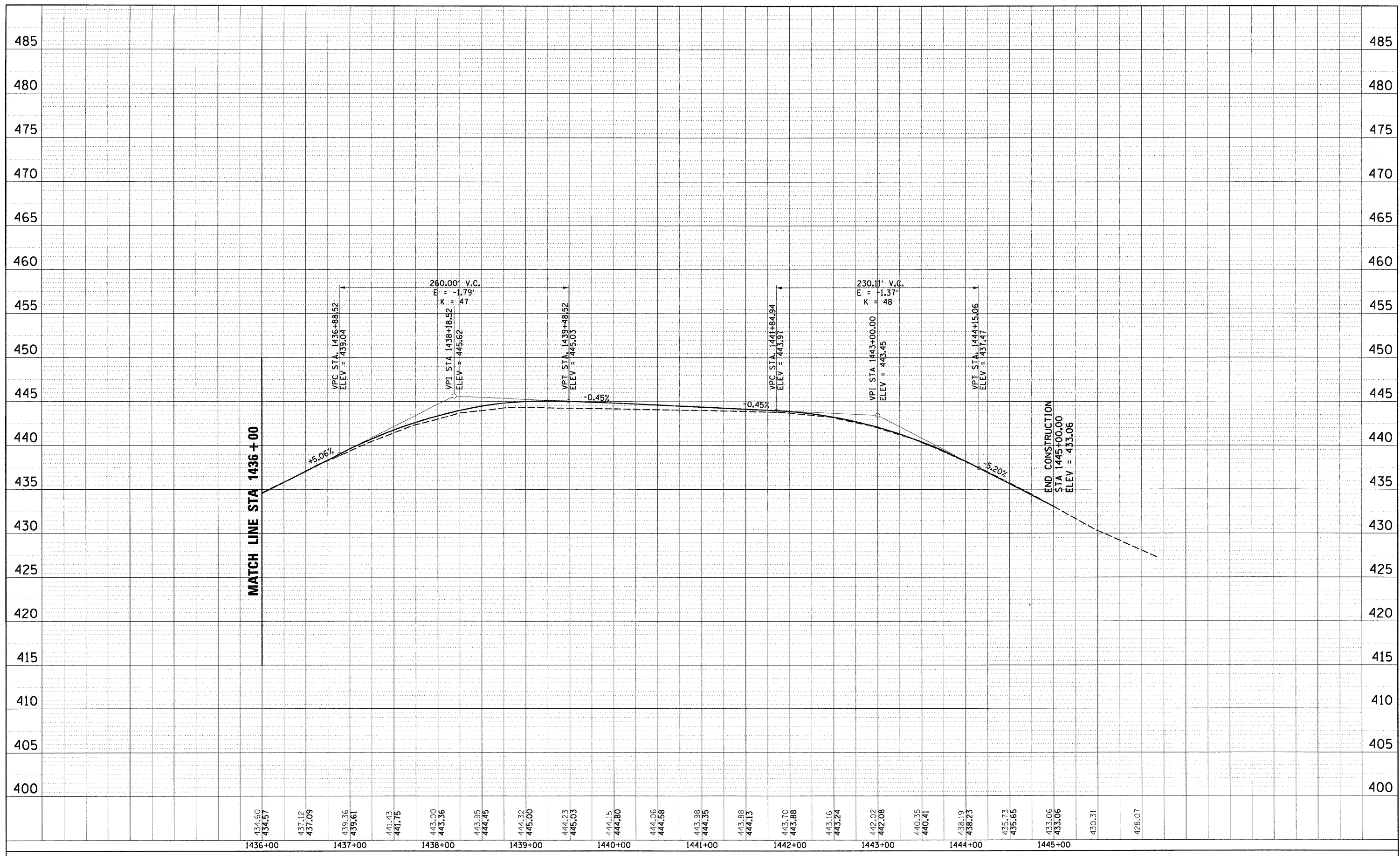


FILE NAME = 0876A91-Sht-Prof13.DGN	USER NAME = melopez	DESIGNED - SJM	REVISED - 07-30-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PROFILE WATERWORKS ROAD</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 74			
PLOT SCALE = *SCALE*	CHECKED - SJM	REVISOR -	SCALE: 1"=(H)50'(V)15'			SHEET NO. 13 OF 16 SHEETS	STA. 1422+00 TO STA. 1436+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76A91			
PLOT DATE = 3/16/2011	DATE - 06-30-10	REVISOR -											



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
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	DATE		
	NO. OF PAGES		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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	BY		
	DATE		
	NO. OF PAGES		
	STRUCTURE NOTATIONS CHK'D		
	NO.		



FILE NAME = 0876A91-Sh1-Prof14.DGN

USER NAME = melopez  
 PLOT SCALE = #SCALE#  
 PLOT DATE = 3/16/2011

DESIGNED - SJM  
 DRAWN - BAH  
 CHECKED - SJM  
 DATE - 06-30-10

REVISED - 07-30-10  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

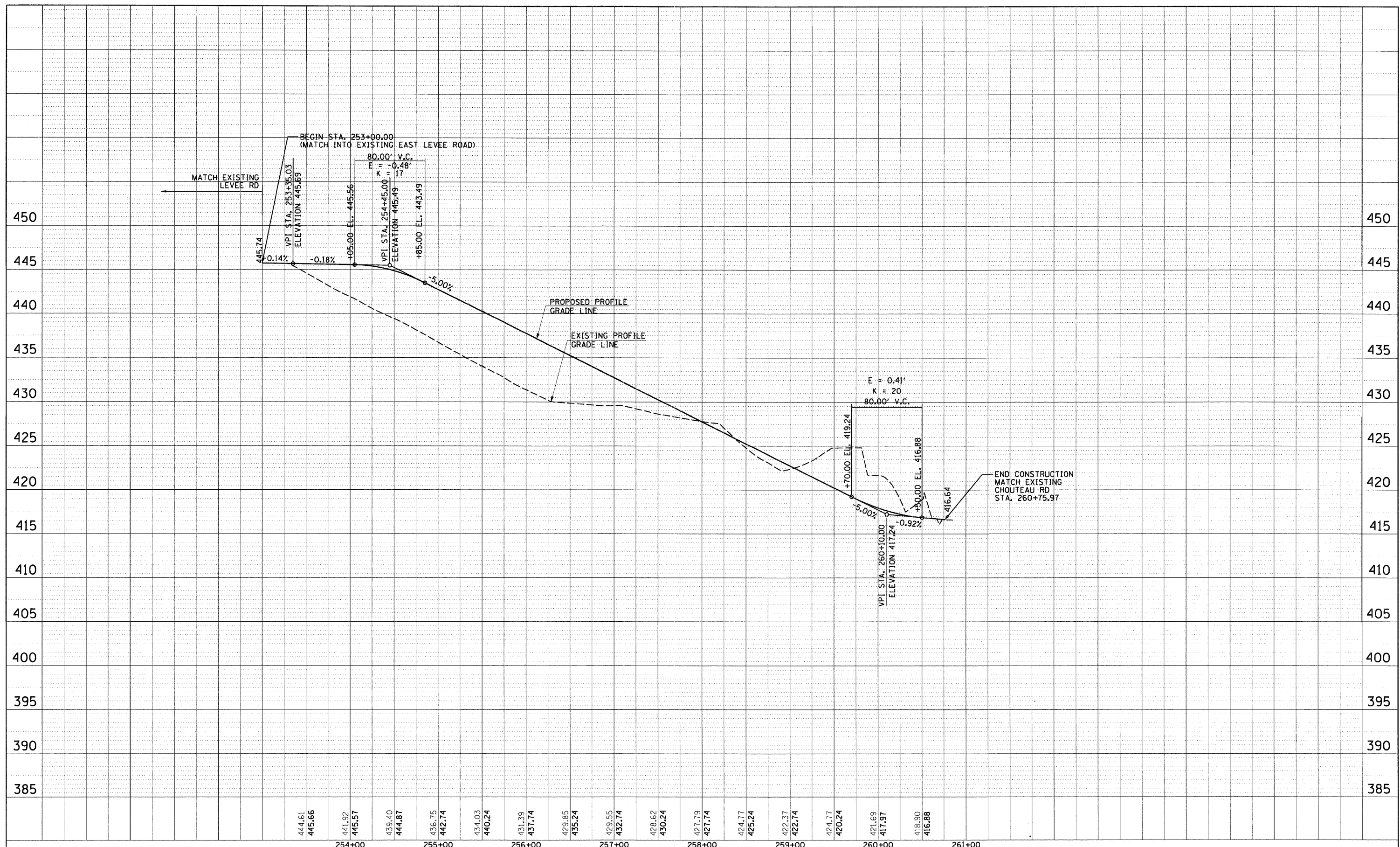
**PROPOSED PROFILE  
 WATERWORKS ROAD**

SCALE: 1"=100' (H) 50' (V) SHEET NO. 14 OF 16 SHEETS STA. 1436+00 TO STA. 1445+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	75
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 76A91	

PLAN SURVEYED \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_  
 PLOTTED \_\_\_\_\_ CHECKED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_ NO. \_\_\_\_\_  
 STRUCTURE NOTATION CHKD \_\_\_\_\_  
 CADD FILE NAME \_\_\_\_\_

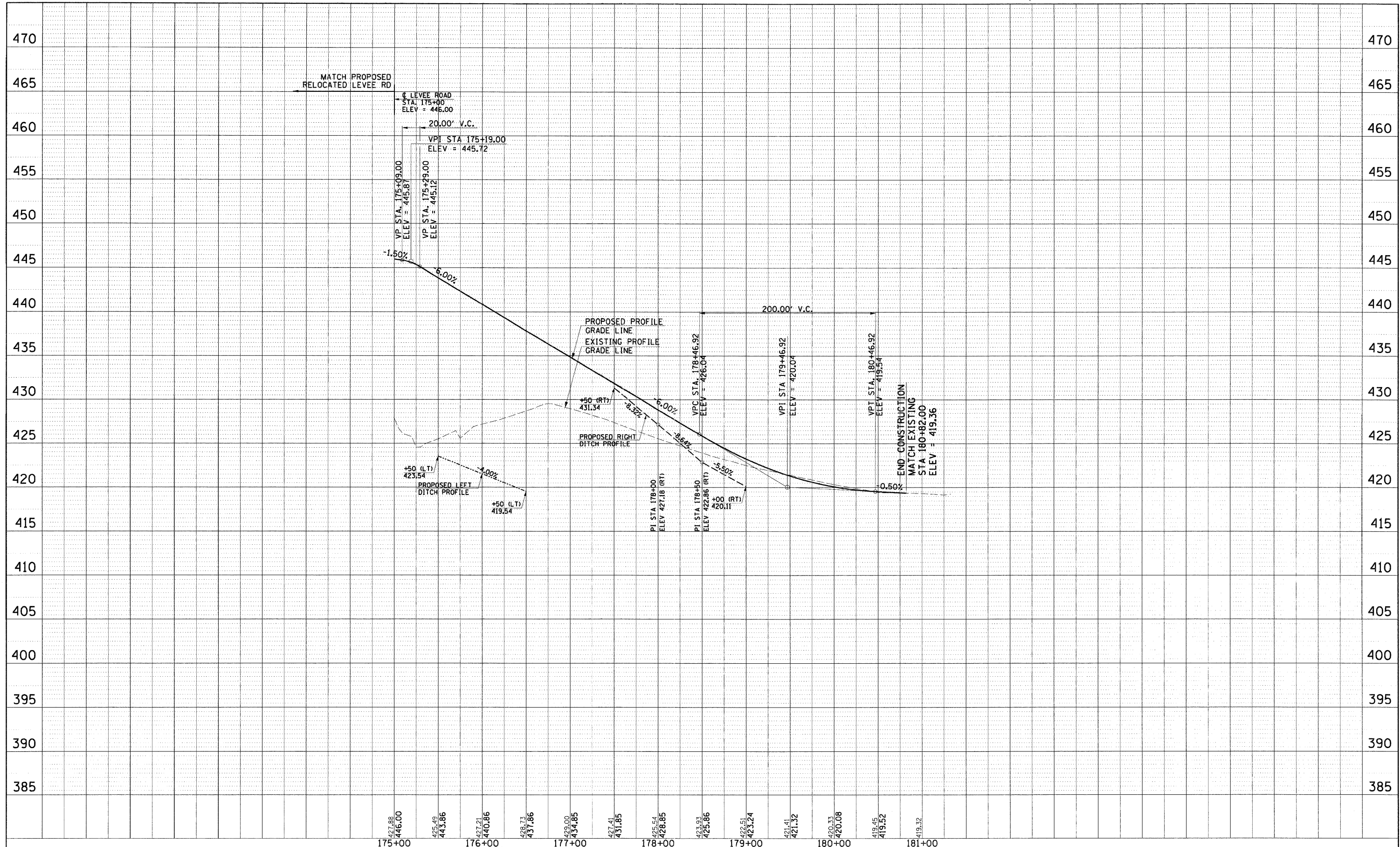
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 PLOTTED \_\_\_\_\_ CHECKED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_ NO. \_\_\_\_\_  
 STRUCTURE NOTATION CHKD \_\_\_\_\_



444.61	445.66	441.92	445.57	439.40	444.87	436.75	442.74	434.03	440.24	431.39	437.74	429.85	435.24	429.55	432.74	428.62	430.24	427.79	427.74	424.77	425.24	422.37	422.74	424.77	420.24	421.69	417.97	418.90	416.88
254+00		255+00		256+00		257+00		258+00		259+00		260+00		261+00															

PLAN SURVEYED BY DATE  
 PLOTTED BY DATE  
 NOTE BOOK NO. \_\_\_\_\_  
 RT. OF WAY CHECKED BY \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PAID FILE NAME

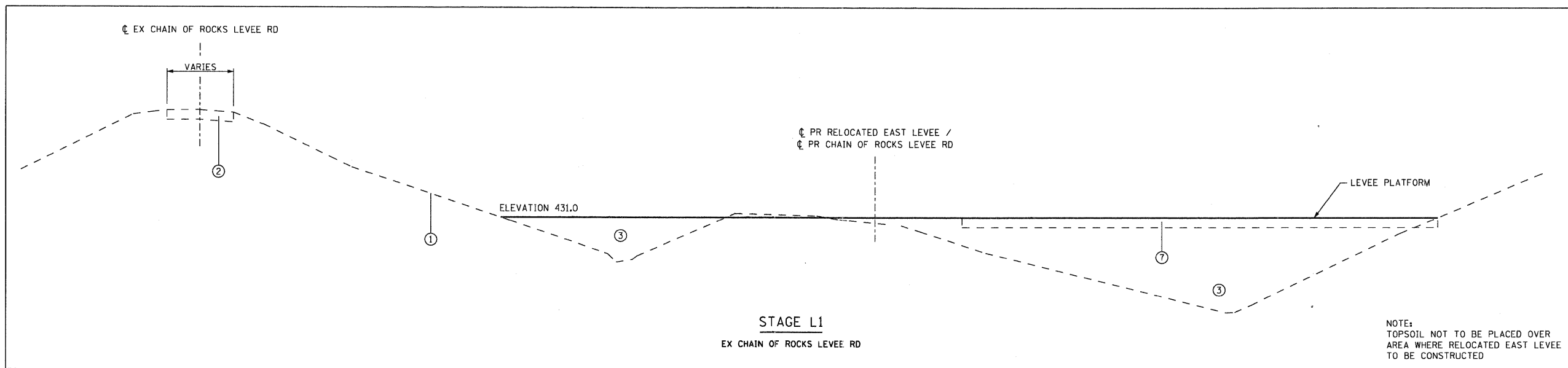
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 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS CHKD BY \_\_\_\_\_



FILE NAME = D876A91-Sht-Profile.DGN	USER NAME = malopez	DESIGNED - SJM	REVISED - 07-30-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PROFILE CHOUTEAU PLACE ROAD</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 77	
PLOT SCALE = #SCALE#	DRAWN - BAH	REVISED -	SCALE: 1"=100'			SHEET NO. 16 OF 16 SHEETS	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76A91		
PLOT DATE = 3/16/2011	CHECKED - SJM	REVISED -	STA. 175+57.32 TO STA. 181+00								
DATE = 06-30-10	REVISOR -	REVISED -									

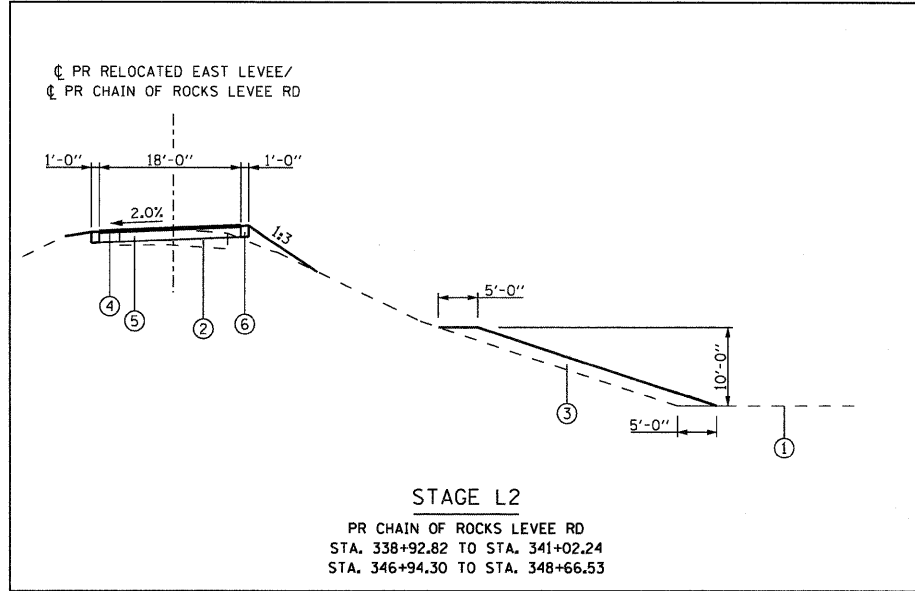
LEGEND

- ① EXISTING GROUND SURFACE
- ② EXISTING ROADWAY
- ③ FURNISHED EXCAV SPL
- ④ BIT SURF TREAT CL A-3
- ⑤ AGG BASE CSE 8
- ⑥ AGGREGATE SHLDS A 6
- ⑦ TOPSOIL F & P 12

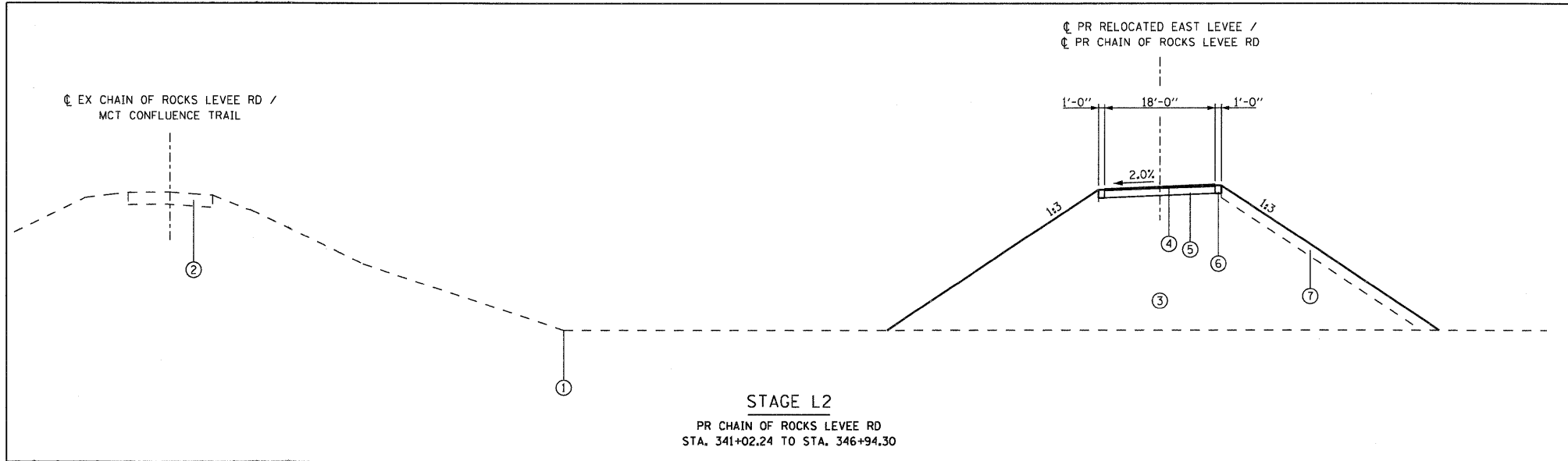


STAGE L1  
EX CHAIN OF ROCKS LEVEE RD

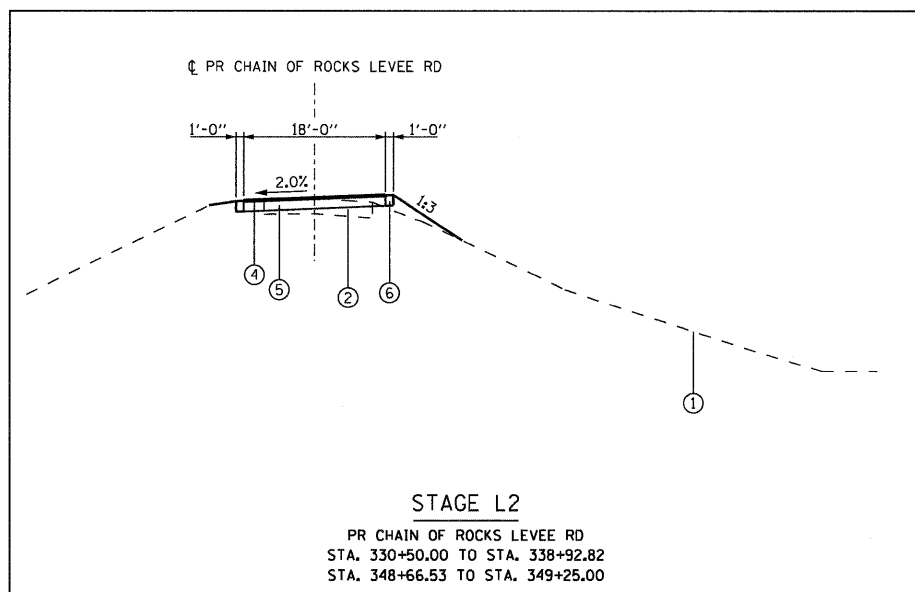
NOTE:  
TOPSOIL NOT TO BE PLACED OVER  
AREA WHERE RELOCATED EAST LEVEE  
TO BE CONSTRUCTED



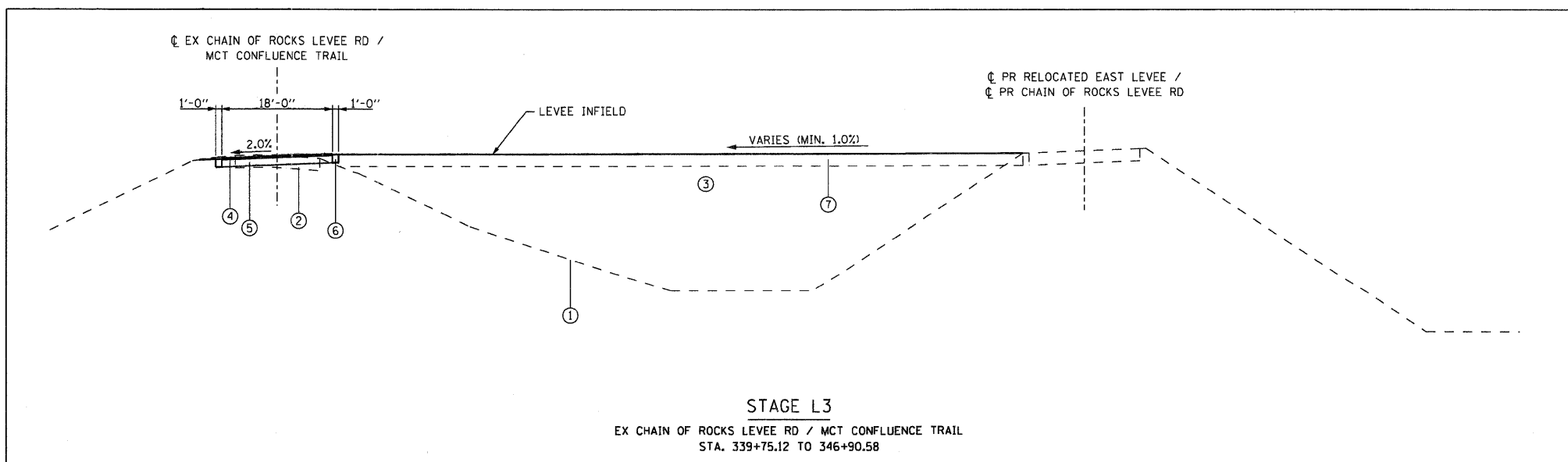
STAGE L2  
PR CHAIN OF ROCKS LEVEE RD  
STA. 338+92.82 TO STA. 341+02.24  
STA. 346+94.30 TO STA. 348+66.53



STAGE L2  
PR CHAIN OF ROCKS LEVEE RD  
STA. 341+02.24 TO STA. 346+94.30



STAGE L2  
PR CHAIN OF ROCKS LEVEE RD  
STA. 330+50.00 TO STA. 338+92.82  
STA. 348+66.53 TO STA. 349+25.00

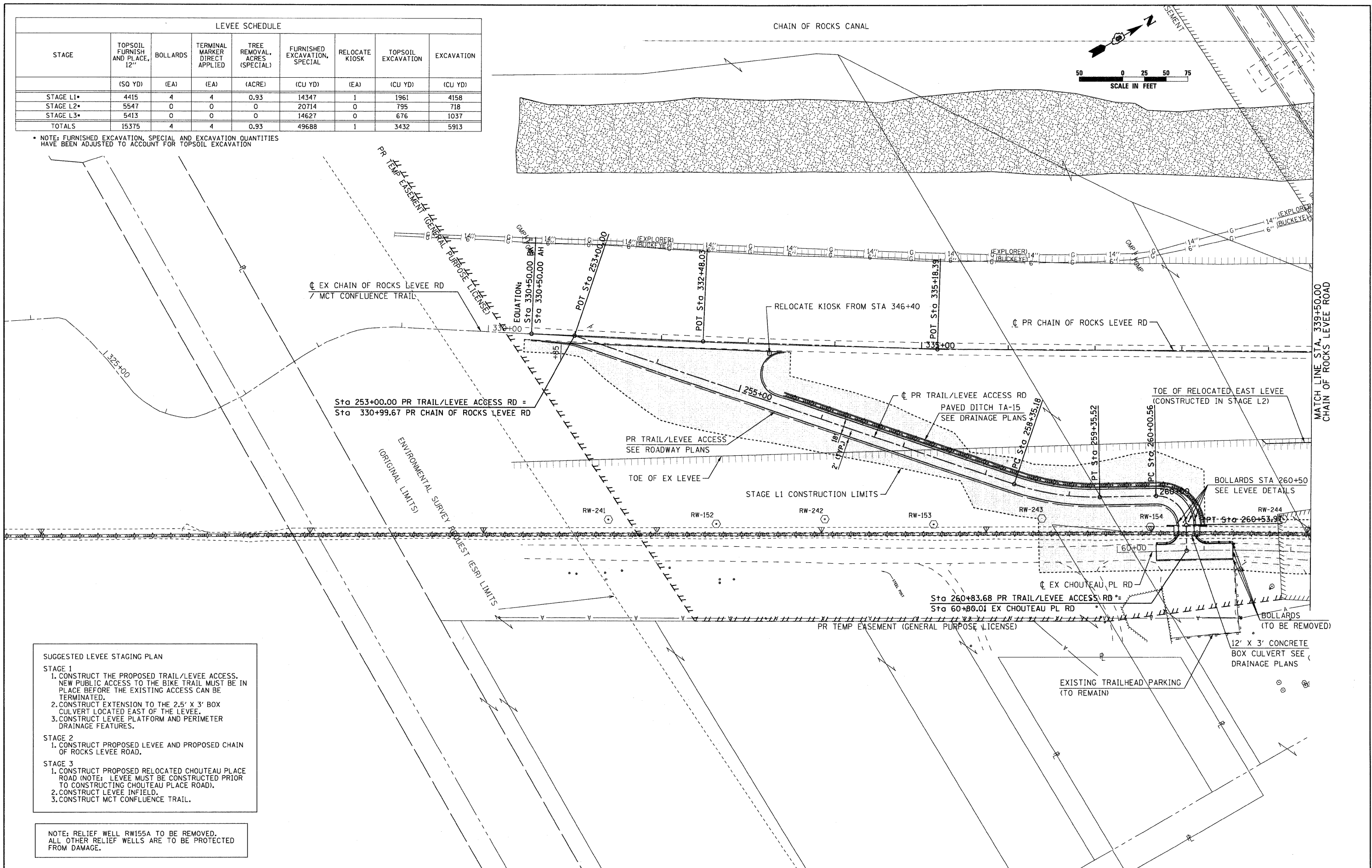


STAGE L3  
EX CHAIN OF ROCKS LEVEE RD / MCT CONFLUENCE TRAIL  
STA. 339+75.12 TO STA. 346+90.58

FILE NAME = 0976A91-Sh1-Levee-Typical.dgn 	USER NAME = mmconechte	DESIGNED - CLS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LEVEE STAGING TYPICAL SECTIONS PROPOSED RELOCATED LEVEE</b>	F.A.I. RTE. = 270	SECTION = 60-1B-1	COUNTY = MADISON	TOTAL SHEETS = 712	SHEET NO. = 78
	PLOT SCALE = 12,0000' / IN.	CHECKED - CLS	REVISED -			SCALE: N/A	SHEET NO. 1 OF 7 SHEETS	STA. N/A TO STA. N/A	CONTRACT NO. 76A91 <small>ILLINOIS FED. AID PROJECT</small>	
PLOT DATE = 3/16/2011	DATE = 3/18/2011	REVISED -	REVISED -							

LEVEE SCHEDULE								
STAGE	TOPSOIL FURNISH AND PLACE, 12"	BOLLARDS	TERMINAL MARKER DIRECT APPLIED	TREE REMOVAL, ACRES (SPECIAL)	FURNISHED EXCAVATION, SPECIAL	RELOCATE KIOSK	TOPSOIL EXCAVATION	EXCAVATION
	(SQ YD)	(EA)	(EA)	(ACRE)	(CU YD)	(EA)	(CU YD)	(CU YD)
STAGE L1*	4415	4	4	0.93	14347	1	1961	4158
STAGE L2*	5547	0	0	0	20714	0	795	718
STAGE L3*	5413	0	0	0	14627	0	676	1037
TOTALS	15375	4	4	0.93	49688	1	3432	5913

\* NOTE: FURNISHED EXCAVATION, SPECIAL AND EXCAVATION QUANTITIES HAVE BEEN ADJUSTED TO ACCOUNT FOR TOPSOIL EXCAVATION



**SUGGESTED LEVEE STAGING PLAN**

**STAGE 1**

1. CONSTRUCT THE PROPOSED TRAIL/LEVEE ACCESS. NEW PUBLIC ACCESS TO THE BIKE TRAIL MUST BE IN PLACE BEFORE THE EXISTING ACCESS CAN BE TERMINATED.
2. CONSTRUCT EXTENSION TO THE 2.5' X 3' BOX CULVERT LOCATED EAST OF THE LEVEE.
3. CONSTRUCT LEVEE PLATFORM AND PERIMETER DRAINAGE FEATURES.

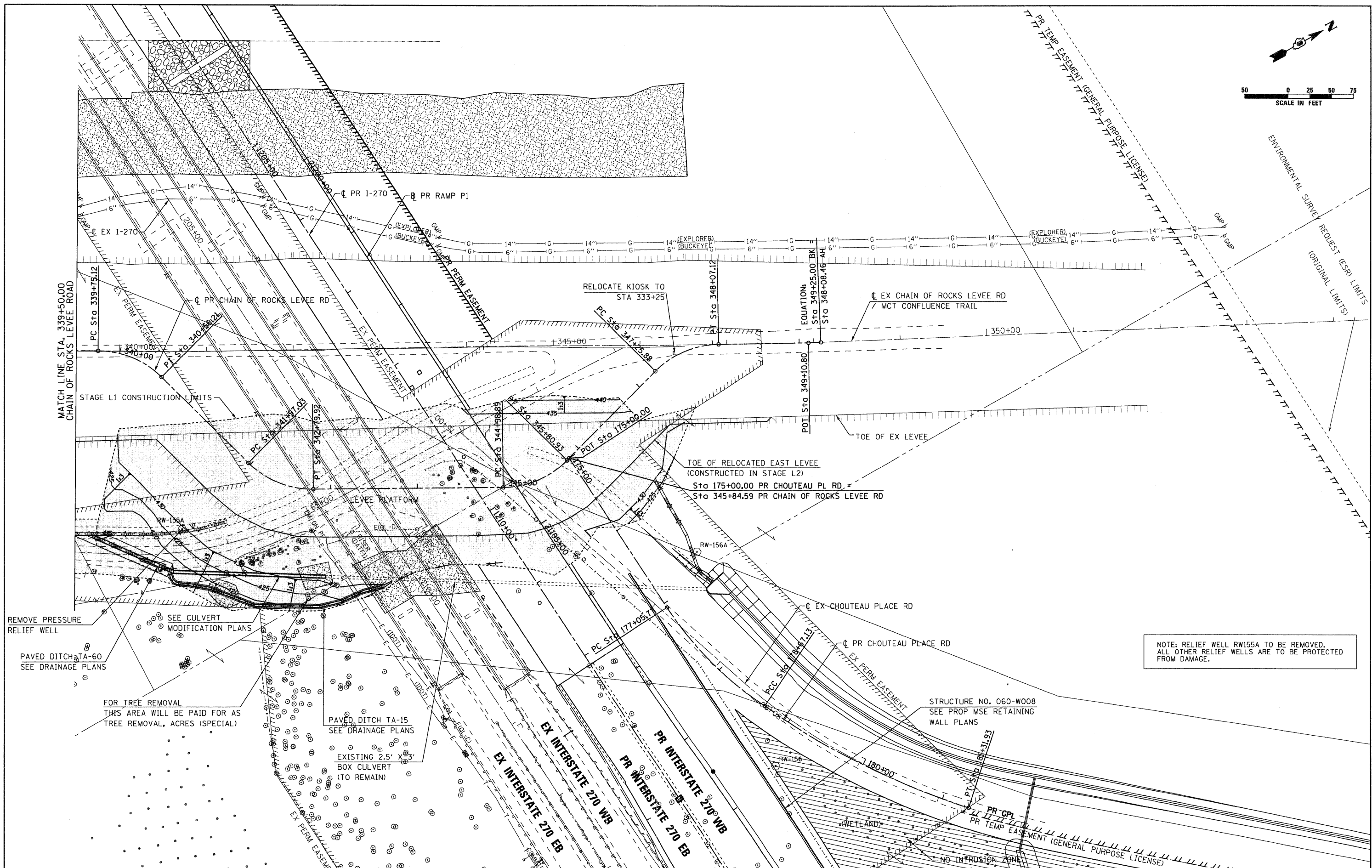
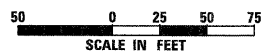
**STAGE 2**

1. CONSTRUCT PROPOSED LEVEE AND PROPOSED CHAIN OF ROCKS LEVEE ROAD.

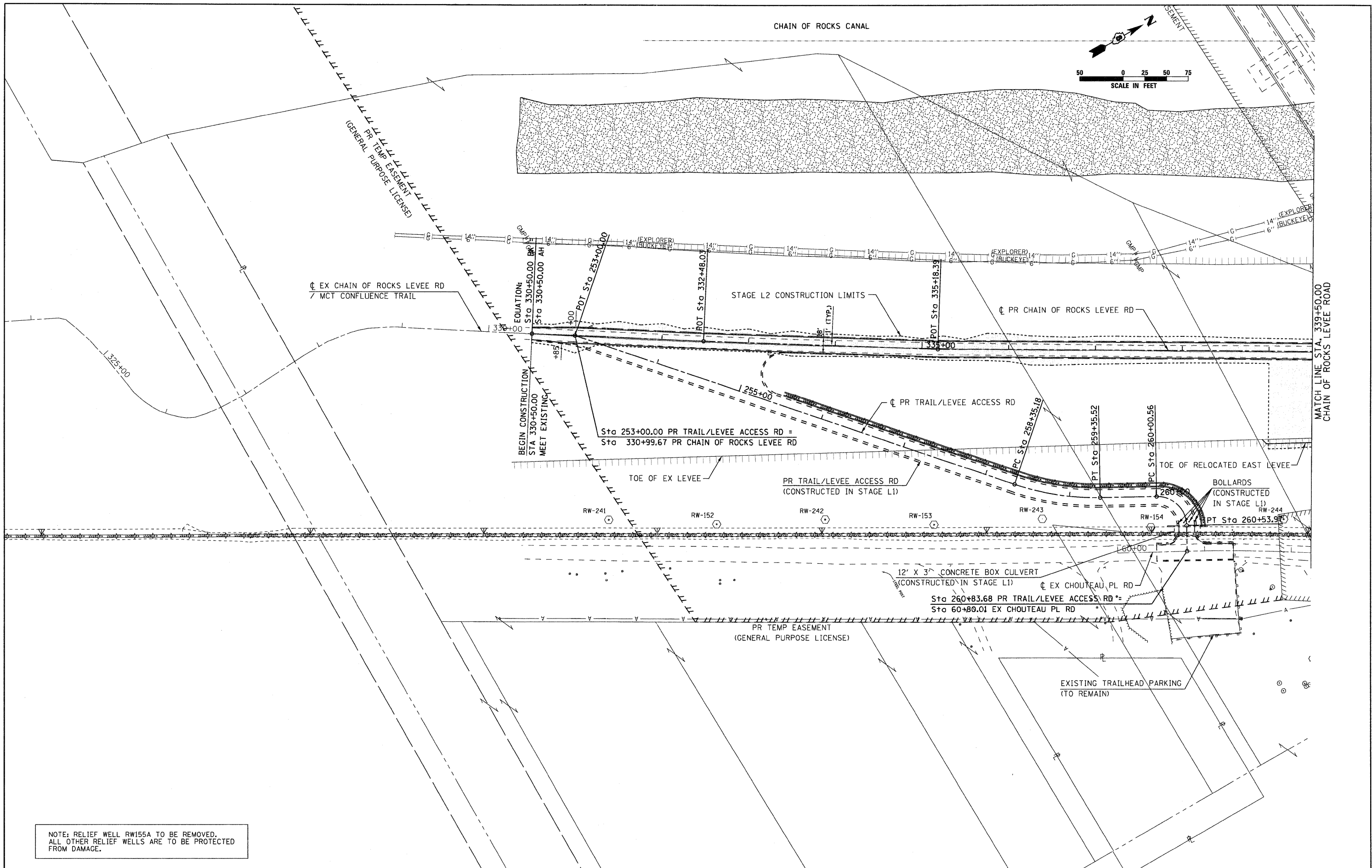
**STAGE 3**

1. CONSTRUCT PROPOSED RELOCATED CHOUTEAU PLACE ROAD (NOTE: LEVEE MUST BE CONSTRUCTED PRIOR TO CONSTRUCTING CHOUTEAU PLACE ROAD).
2. CONSTRUCT LEVEE INFIELD.
3. CONSTRUCT MCT CONFLUENCE TRAIL.

NOTE: RELIEF WELL RW155A TO BE REMOVED. ALL OTHER RELIEF WELLS ARE TO BE PROTECTED FROM DAMAGE.



FILE NAME = D876A91-Sh1-Levee01-Plan02.dgn <b>VOLKERT</b>	USER NAME = mmcconchie	DESIGNED - CLS DRAWN - MAM	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED RELOCATED LEVEE PLAN          STAGE 1</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 80
	PLOT SCALE = 50.0000' / IN. PLOT DATE = 3/16/2011	CHECKED - CLS DATE = 3/18/2011	SCALE: 1" = 50'    SHEET NO. 3 OF 7 SHEETS    STA. 339+50.00 TO STA. 349+25.00			CONTRACT NO. 76A91 [ILLINOIS] FED. AID PROJECT				



NOTE: RELIEF WELL RW155A TO BE REMOVED.  
ALL OTHER RELIEF WELLS ARE TO BE PROTECTED FROM DAMAGE.

FILE NAME = 0876A91-Shr-Levee02-Plan01.dgn  
**VOLKERT**

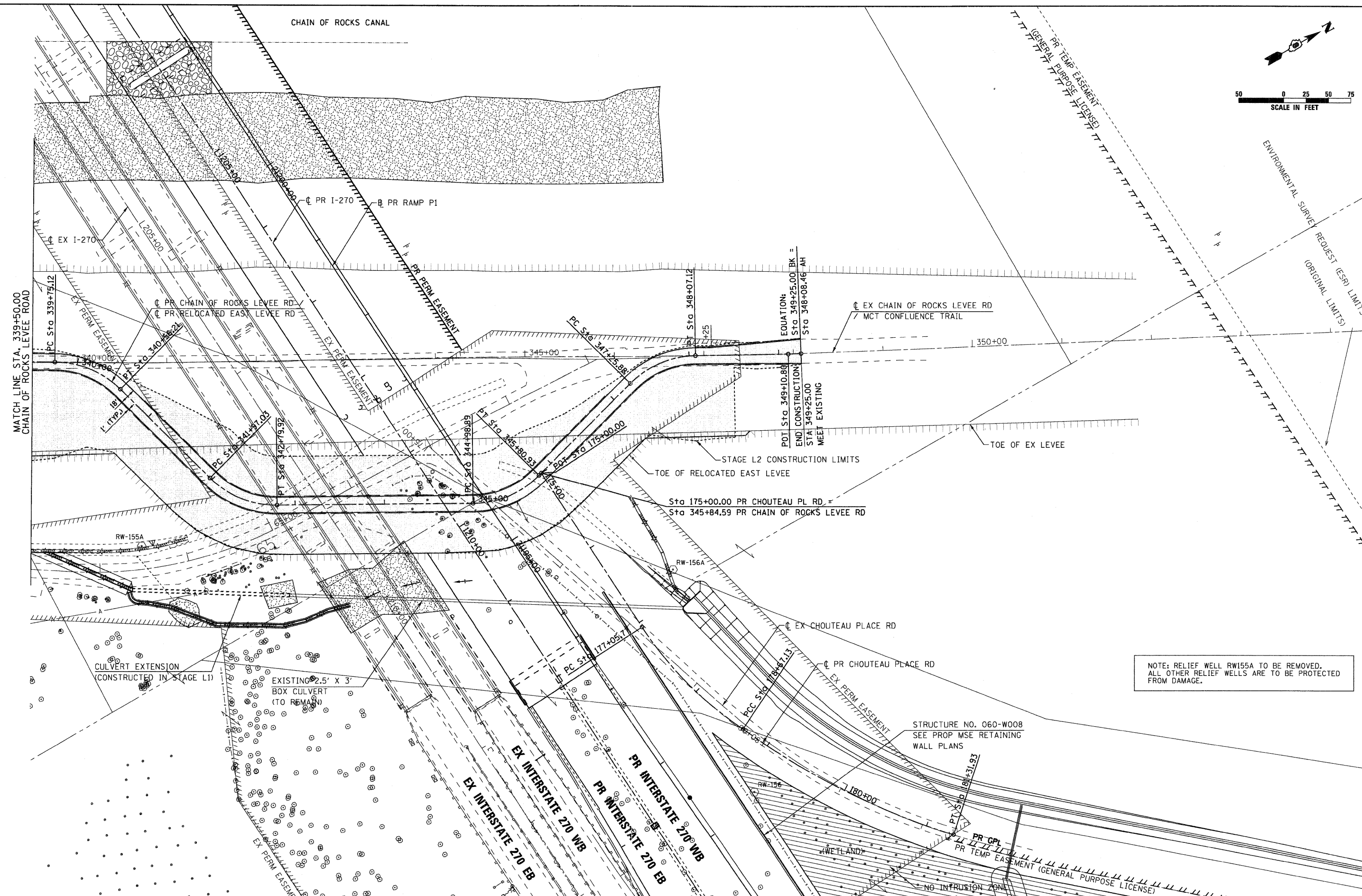
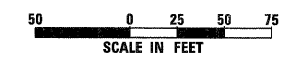
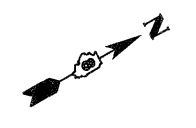
USER NAME = mmacorechie	DESIGNED - CLS	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - MAM	REVISED -
PLOT DATE = 3/16/2011	CHECKED - CLS	REVISED -
	DATE - 3/18/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED RELOCATED LEVEE PLAN  
STAGE L2**

SCALE: 1" = 50' SHEET NO. 4 OF 7 SHEETS STA. 330+50.00 TO STA. 339+50.00

F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 81
			CONTRACT NO. 76A91	
ILLINOIS FED. AID PROJECT				



FILE NAME = 0876A91-Sh1-Levee02-P1.mxd  
**VOLKERT**

USER NAME = mmcconchie  
 PLOT SCALE = 50.0000' / IN.  
 PLOT DATE = 3/16/2011

DESIGNED - CLS  
 DRAWN - MAM  
 CHECKED - CLS  
 DATE - 3/18/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

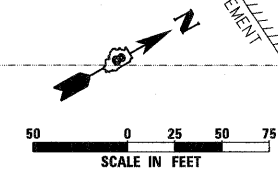
**PROPOSED RELOCATED LEVEE PLAN  
 STAGE L2**  
 SCALE: 1" = 50' SHEET NO. 5 OF 7 SHEETS STA. 339+50.00 TO STA. 349+25.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	82

CONTRACT NO. 76A91  
 ILLINOIS FED. AID PROJECT



CHAIN OF ROCKS CANAL



PR TEMP EASEMENT  
GENERAL PURPOSE LICENSE

EX CHAIN OF ROCKS LEVEE RD  
MCT CONFLUENCE TRAIL

Sta 253+00.00 PR TRAIL/LEVEE ACCESS RD =  
Sta 330+99.67 PR CHAIN OF ROCKS LEVEE RD

PR CHAIN OF ROCKS LEVEE RD  
(CONSTRUCTED IN STAGE L2)

PR CHAIN OF ROCKS LEVEE RD

PR TRAIL/LEVEE ACCESS RD

PR TRAIL/LEVEE ACCESS RD  
(CONSTRUCTED IN STAGE L1)

TOE OF RELOCATED EAST LEVEE  
(CONSTRUCTED IN STAGE L2)

BOLLARDS  
(CONSTRUCTED IN STAGE L1)

ENVIRONMENTAL SURVEY REQUEST (ESR) LIMITS  
(ORIGINAL LIMITS)

TOE OF EX LEVEE

RW-241

RW-152

RW-242

RW-153

RW-243

RW-154

RW-244

12' X 3' CONCRETE BOX CULVERT  
(CONSTRUCTED IN STAGE L1)

Sta 260+83.68 PR TRAIL/LEVEE ACCESS RD =  
Sta 60+80.01 EX CHOUTEAU PL RD

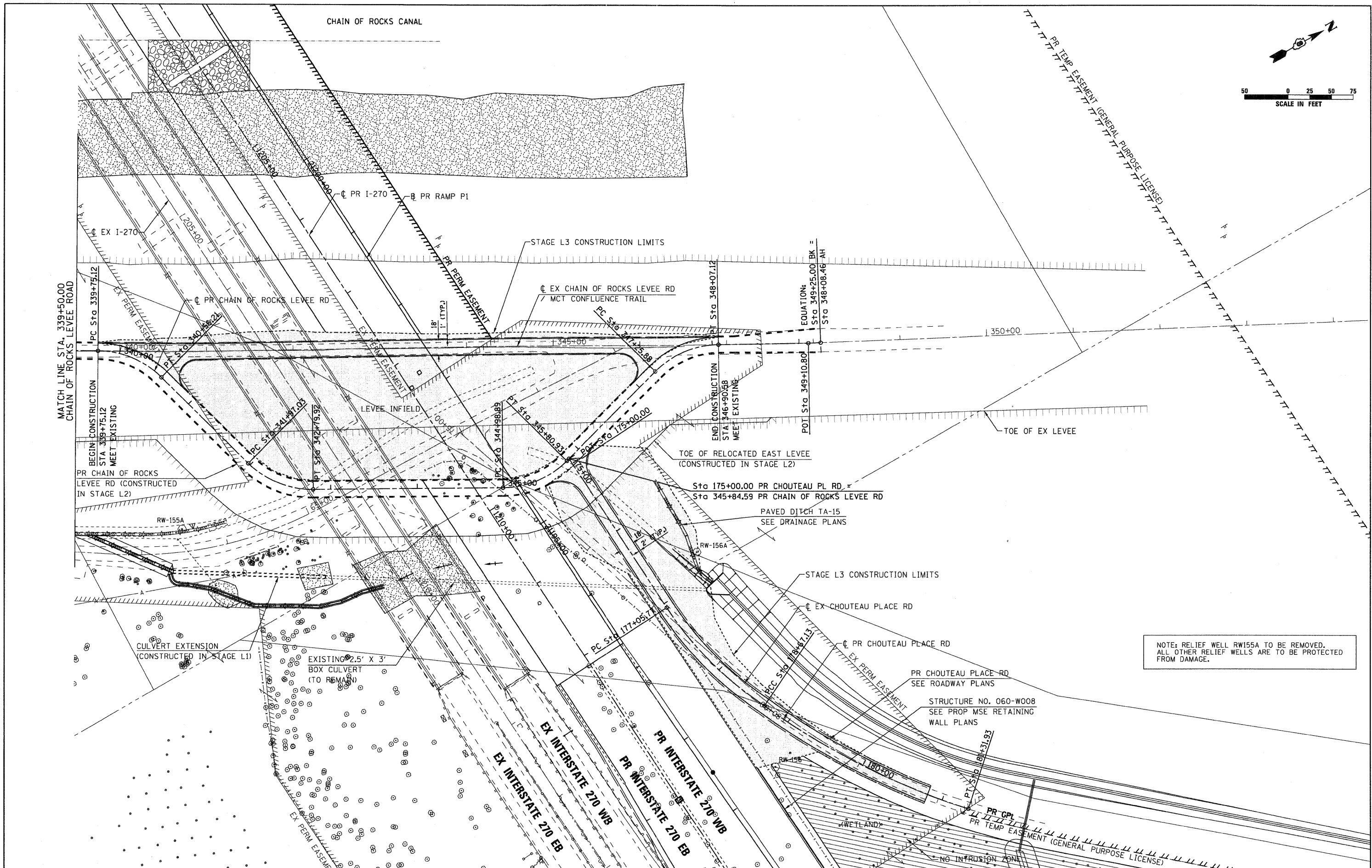
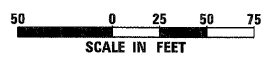
PR TEMP EASEMENT (GENERAL PURPOSE LICENSE)

EXISTING TRAILHEAD PARKING  
(TO REMAIN)

MATCH LINE STA. 339+50.00  
CHAIN OF ROCKS LEVEE ROAD

NOTE: RELIEF WELL RW155A TO BE REMOVED.  
ALL OTHER RELIEF WELLS ARE TO BE PROTECTED  
FROM DAMAGE.

FILE NAME = D876A91-Shr-Levee03-Plan01.dgn 	USER NAME = mmconechie	DESIGNED - CLS DRAWN - MAM	REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED RELOCATED LEVEE PLAN STAGE L3</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 83
	PLOT SCALE = 50.0000' / IN. PLOT DATE = 3/16/2011	CHECKED - CLS DATE - 3/18/2011	REVISED - REVISED -			SCALE: 1" = 50' SHEET NO. 6 OF 7 SHEETS STA. 330+50.00 TO STA. 339+50.00	CONTRACT NO. 76A91 [ILLINOIS] FED. AID PROJECT			



NOTE: RELIEF WELL RW155A TO BE REMOVED. ALL OTHER RELIEF WELLS ARE TO BE PROTECTED FROM DAMAGE.

FILE NAME = D876A91-Shr-Levee03-Plan02.dgn  
**VOLKERT**

USER NAME = mmconchie	DESIGNED - CLS	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - MAM	REVISED -
PLOT DATE = 3/16/2011	CHECKED - CLS	REVISED -
	DATE - 3/18/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

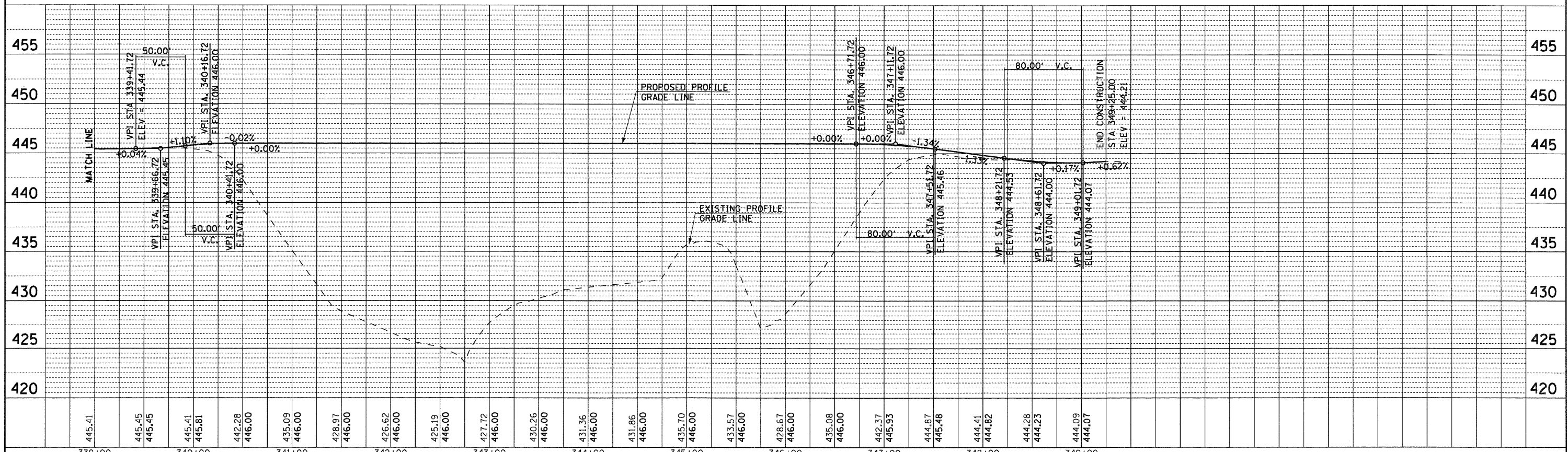
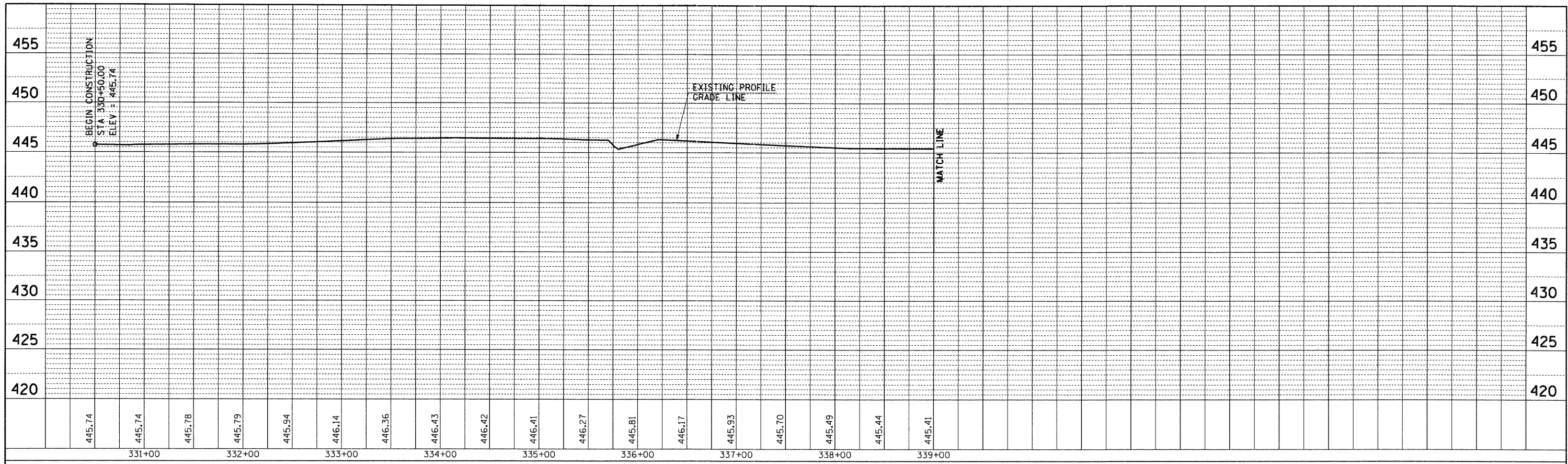
**PROPOSED RELOCATED LEVEE PLAN  
 STAGE L3**

SCALE: 1" = 50'    SHEET NO. 7 OF 7 SHEETS    STA. 339+50.00 TO STA. 349+25.00

F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 84
			CONTRACT NO. 76A91	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	DATE		
	BY		
	DATE		
	BY		
	DATE		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	DATE		
	BY		
	DATE		
	BY		
	DATE		

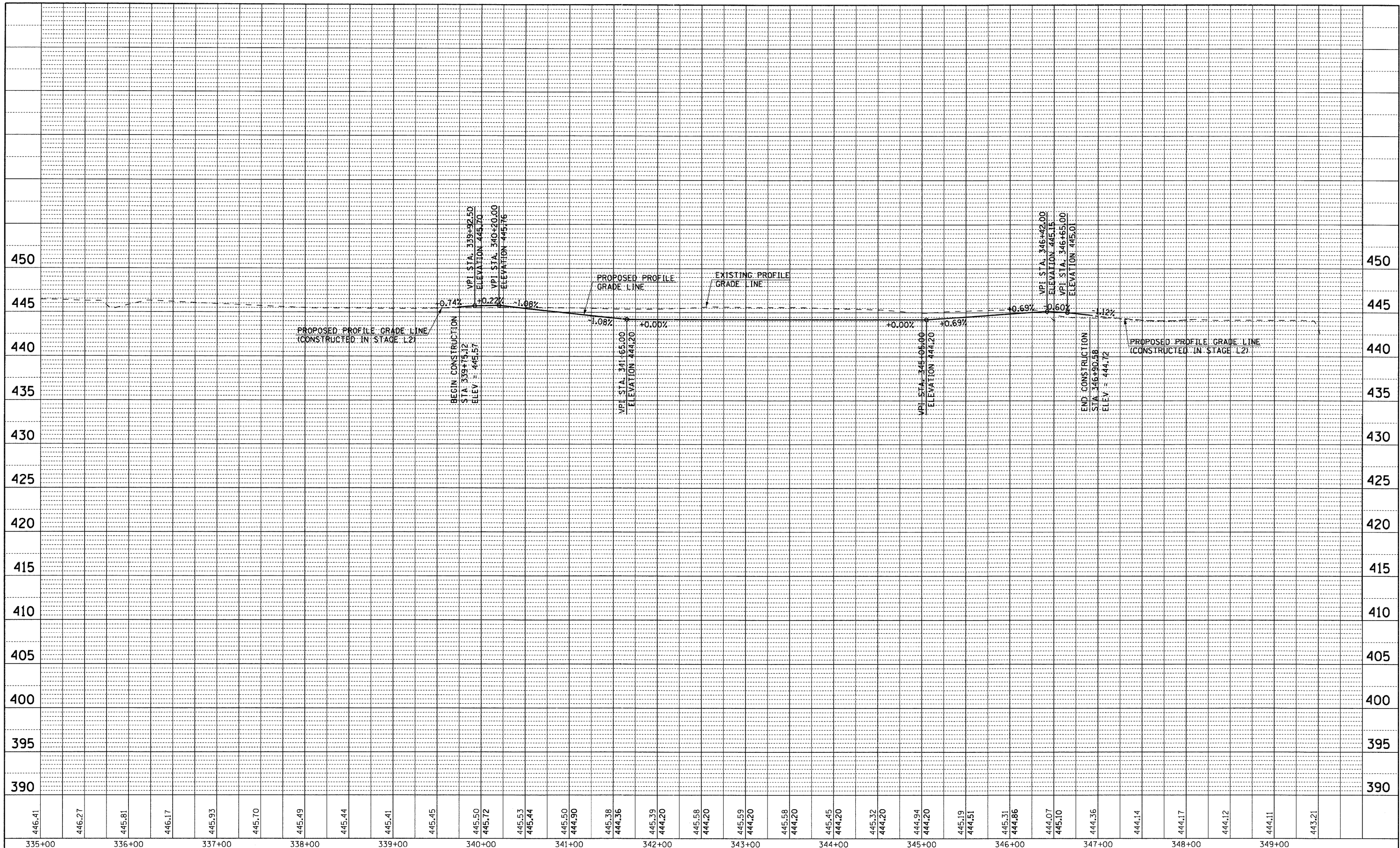


FILE NAME = D876A91-Sht-Profile21.DGN	USER NAME = mmconeche	DESIGNED - CLS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> PROFILE <b>RELOCATED LEVEE ROAD (EAST)</b> SCALE: 1"=(H)50'(V)5' SHEET NO. 21 OF 24 SHEETS STA. 330+50.00 TO STA. 349+25.00	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 85
	PLOT SCALE = 50.0000' / IN.	DRAWN - MAM	REVISED -		CONTRACT NO. 76A91	[ILLINOIS] FED. AID PROJECT			
	PLOT DATE = 3/16/2011	CHECKED - CLS	REVISED -						
		DATE - 3/18/2011	REVISED -						



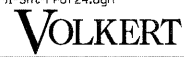
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK NO.		
	FILE NAME		

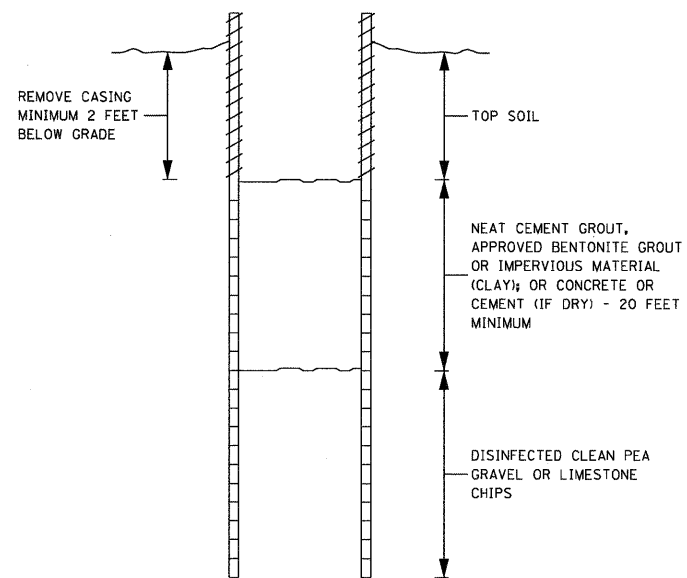
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK NO.		
	FILE NAME		



446.41	335+00	446.27	336+00	445.81	337+00	445.70	338+00	445.49	339+00	445.45	340+00	445.50	341+00	444.90	342+00	445.38	343+00	444.36	344+00	445.39	345+00	444.20	346+00	444.07	347+00	444.36	348+00	444.14	349+00	444.17		444.12		444.11		443.21	
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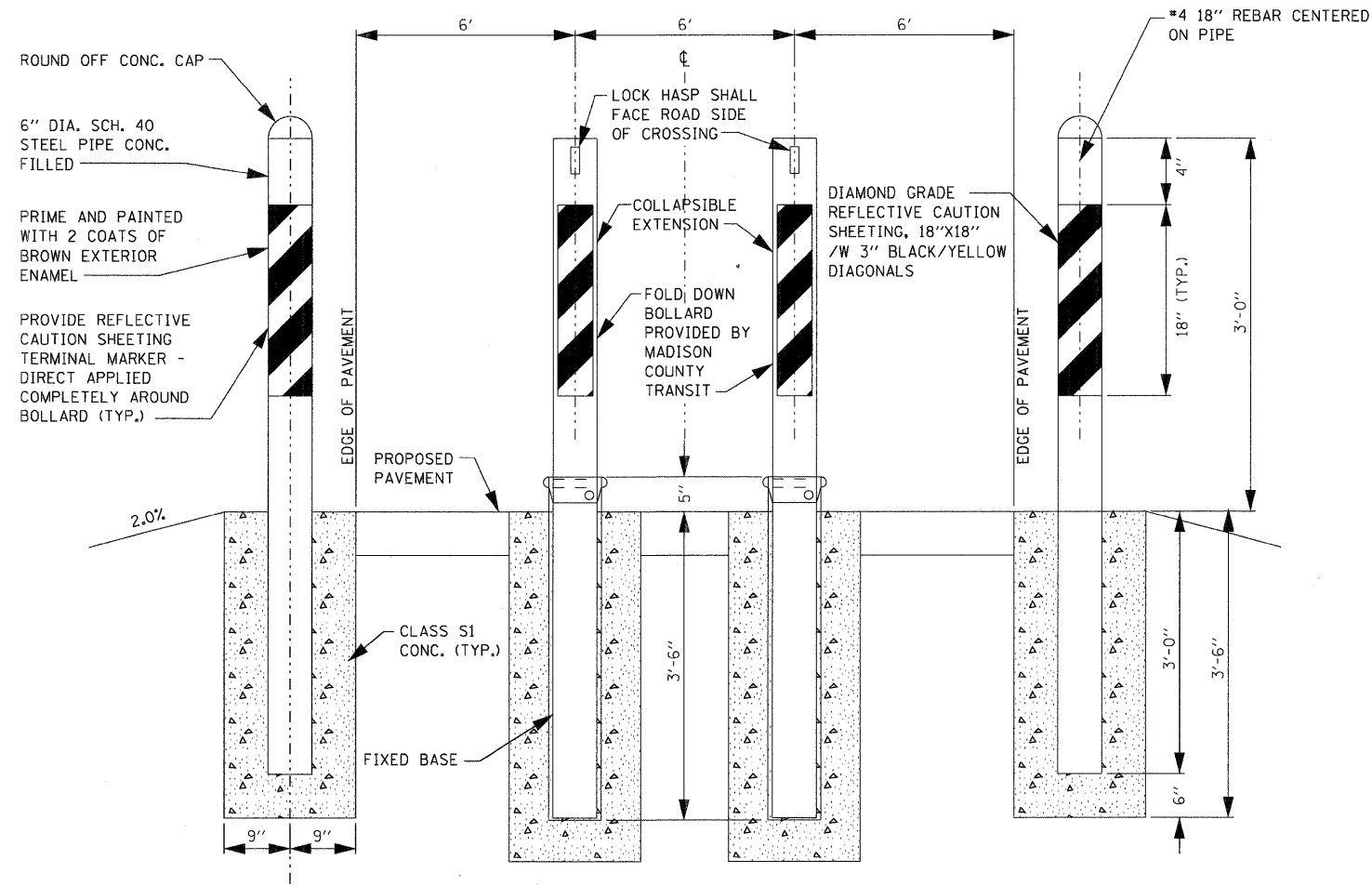
FILE NAME = D876A91-Sht-Prof24.dgn	USER NAME = mmconachie	DESIGNED - CLS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROFILE EX CHAIN OF ROCKS LEVEE ROAD /MCT CONFLUENCE TRAIL</b>	F.A.I. RTE. = 270	SECTION = 60-1B-1	COUNTY = MADISON	TOTAL SHEETS = 712	SHEET NO. = 86	
	PLOT SCALE = 50.0000' / IN.	DRAWN - MAM	REVISED -			SCALE: 1"=(H)50'(V)5'		SHEET NO. 24 OF 24 SHEETS		STA. 339+75.12 TO STA. 346+90.58	
	PLOT DATE = 3/18/2011	CHECKED - CLS	REVISED -			FED. ROAD DIST. NO.		[ILLINOIS] FED. AID PROJECT		CONTRACT NO. 76A91	
		DATE - 3/18/2011	REVISED -								



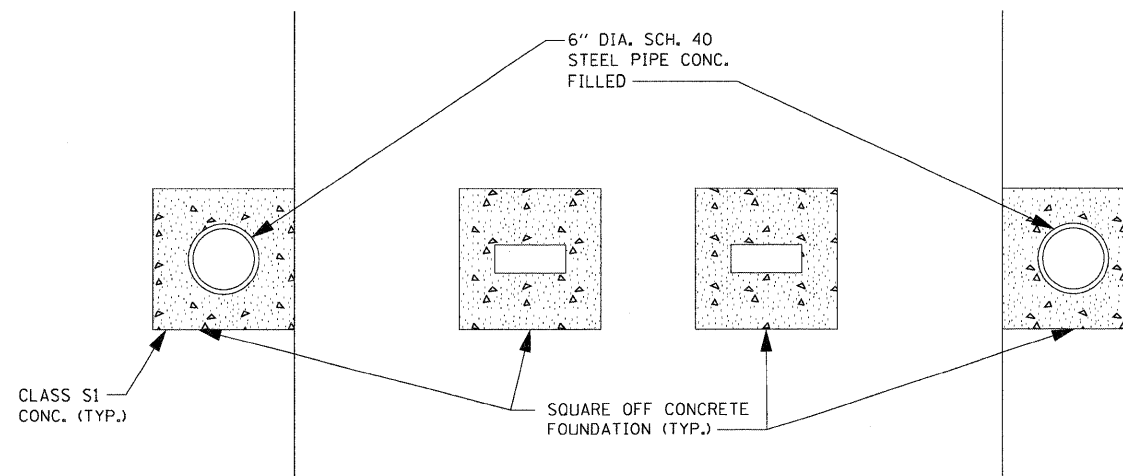


NOTE: ABANDONED DUG AND BORED WELLS CAN ALSO BE SEALED WITH ALTERNATING LAYERS OF APPROVED BENTONITE GROUT AND AGRICULTURAL LIME (LIMESTONE FINES) OR COMPLETELY FILLING WITH CONCRETE, CEMENT GROUT, OR IMPERVIOUS MATERIAL SUCH AS CLAY.

ILLUSTRATION - SEALING AN ABANDONED DUG OR BORED WELL



BOLLARD DETAIL



BOLLARD PLAN VIEW

FILE NAME = 0876A91-Sht-Levee-Details01.dgn  
 USER NAME = mmcconachie  
 PLOT SCALE = 20,0000' / IN.  
 PLOT DATE = 3/16/2011

DESIGNED - CLS  
 DRAWN - MAM  
 CHECKED - CLS  
 DATE - 3/18/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

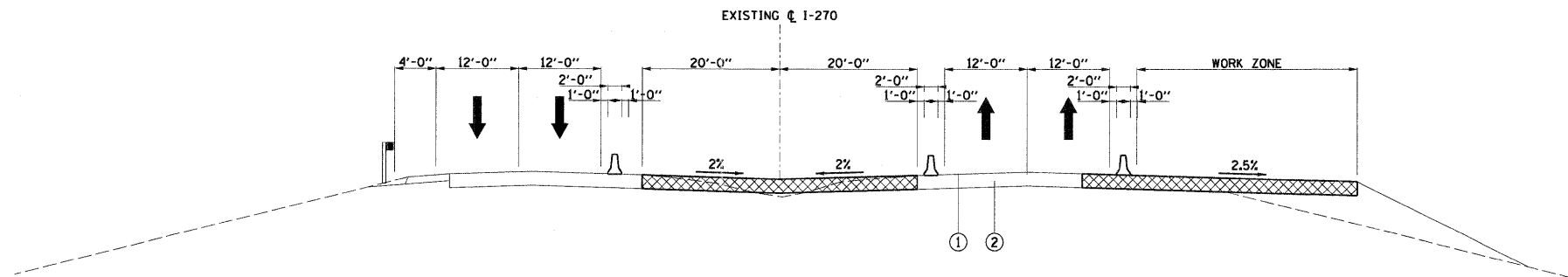
**LEVEE DETAILS  
 PROPOSED RELOCATED LEVEE**

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

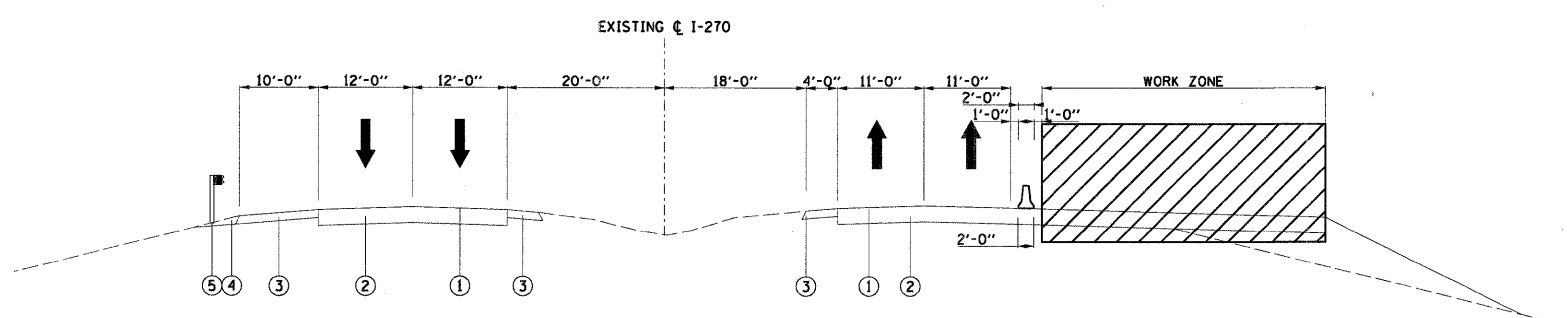
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	87
CONTRACT NO. 76A91			ILLINOIS FED. AID PROJECT	







**I-270 STAGE 1**  
WEST END SECTION  
APPROXIMATE STA 149+00 TO STA 177+00



**I-270 PRESTAGE**  
WEST END SECTION  
APPROXIMATE STA 150+00 TO STA 177+00

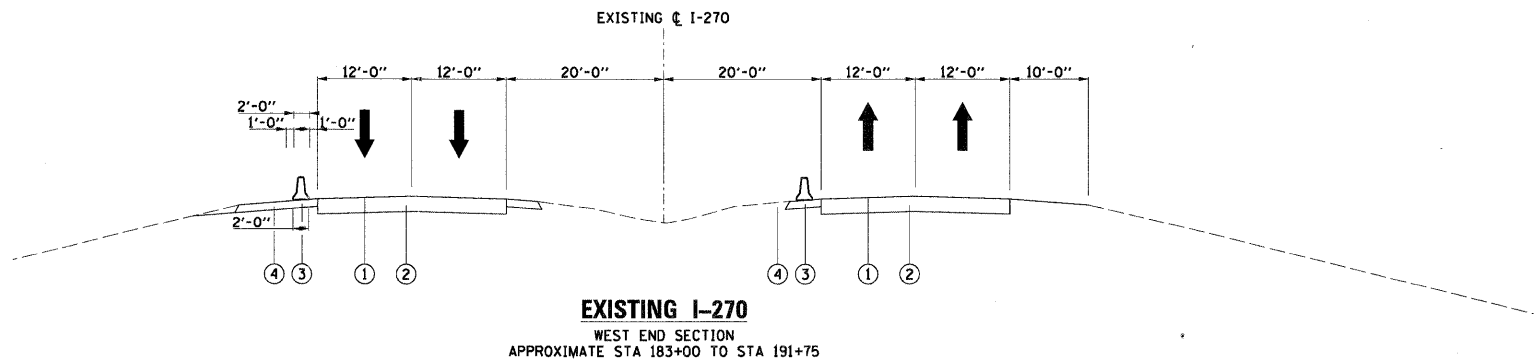
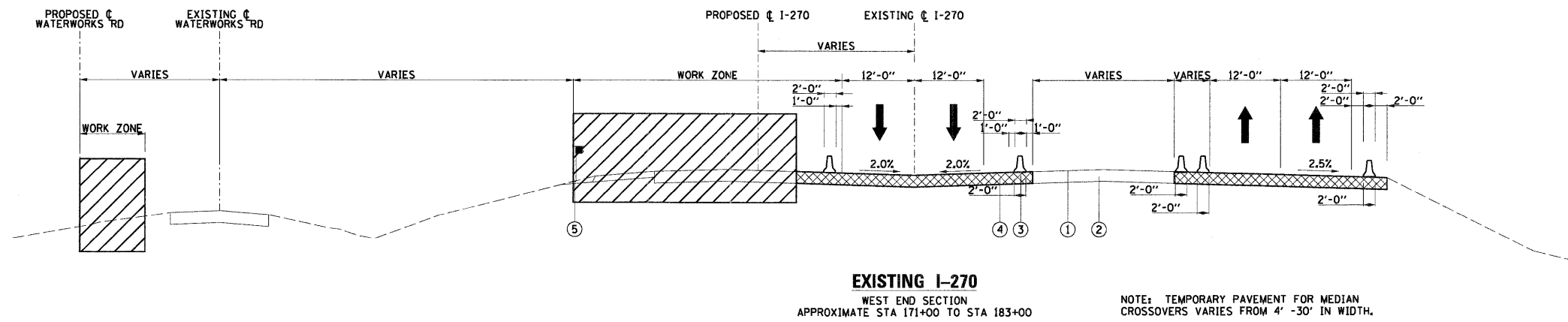
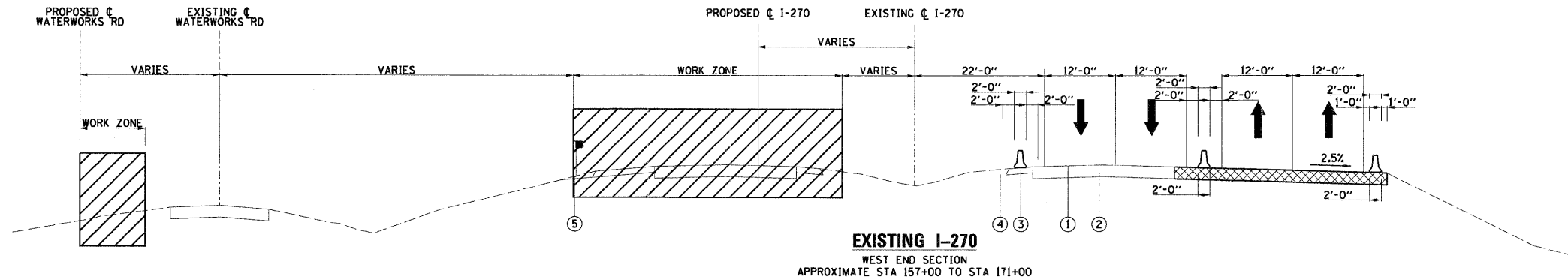
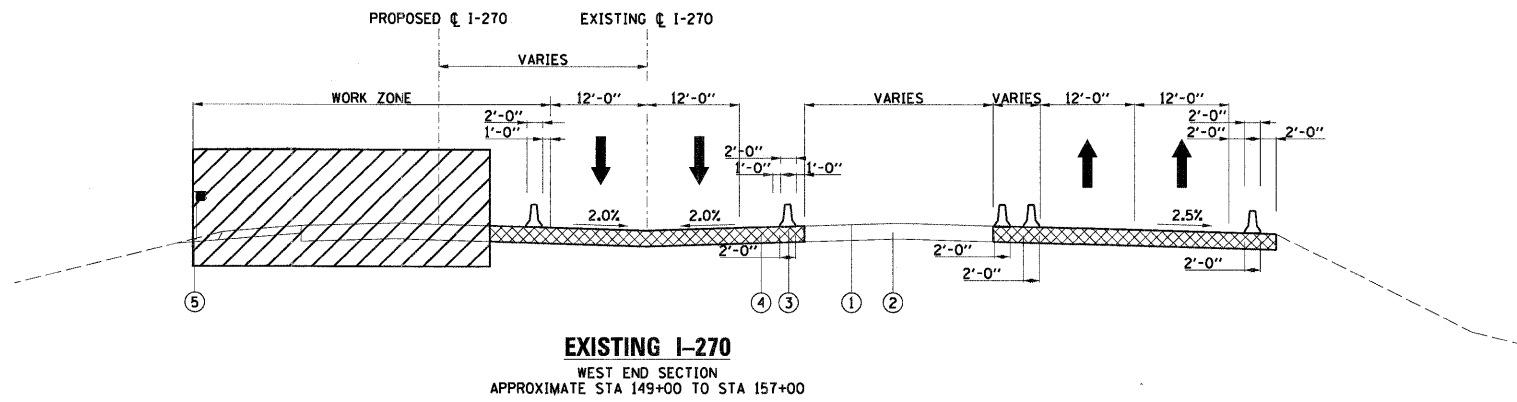
- MOT LEGEND**
- WORK ZONE AREA
  - TEMPORARY PAVEMENT
  - DIRECTION OF TRAFFIC
  - MOVEABLE CONCRETE BARRIER
  - TYPE II WITH STEADY BURNING MONODIRECTIONAL LIGHT

- EXISTING LEGEND**
- ① EX HOT-MIX ASPHALT OVERLAY
  - ② EX PCC PAVEMENT, 10"
  - ③ EX HOT-MIX ASPHALT SHOULDER
  - ④ EX AGGREGATE SHOULDER
  - ⑤ EX STEEL PLATE BEAM GUARDRAIL
  - ⑥ EX CABLE ROAD GUARD

**NOTE:**  
SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION.

FILE NAME = D876A91-SH-L-MOTTYP01.DGN	USER NAME = malopez	DESIGNED - SJM	REVISED - 07-30-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS - PRE-STAGE AND STAGE 1</b>	F.A.I. RTE. = 270	SECTION = 60-1B-1	COUNTY = MADISON	TOTAL SHEETS = 712	SHEET NO. = 90
	PLOT SCALE = #SCALE#	CHECKED - SJM	REVISED -			SCALE: SHEET NO. 1 OF 7 SHEETS	STA. TO STA.	CONTRACT NO. 76A91		ILLINOIS FED. AID PROJECT
PLOT DATE = 3/16/2011	DATE = 06-30-10	REVISED -	REVISED -							





- MOT LEGEND**
- WORK ZONE AREA
  - TEMPORARY PAVEMENT
  - DIRECTION OF TRAFFIC
  - MOVEABLE CONCRETE BARRIER
  - TYPE II WITH STEADY BURNING MONODIRECTIONAL LIGHT
- EXISTING LEGEND**
- ① EX HOT-MIX ASPHALT OVERLAY
  - ② EX PCC PAVEMENT, 10"
  - ③ EX HOT-MIX ASPHALT SHOULDER
  - ④ EX AGGREGATE SHOULDER
  - ⑤ EX STEEL PLATE BEAM GUARDRAIL
  - ⑥ EX CABLE ROAD GUARD
- NOTE:**  
SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION.

FILE NAME = D876A91-SH-L-MOT1YP02.DGN  
 USER NAME = molopez  
 PLOT SCALE = #SCALE#  
 PLOT DATE = 3/16/2011

DESIGNED - SJM  
 DRAWN - ML  
 CHECKED - SJM  
 DATE - 06-30-10

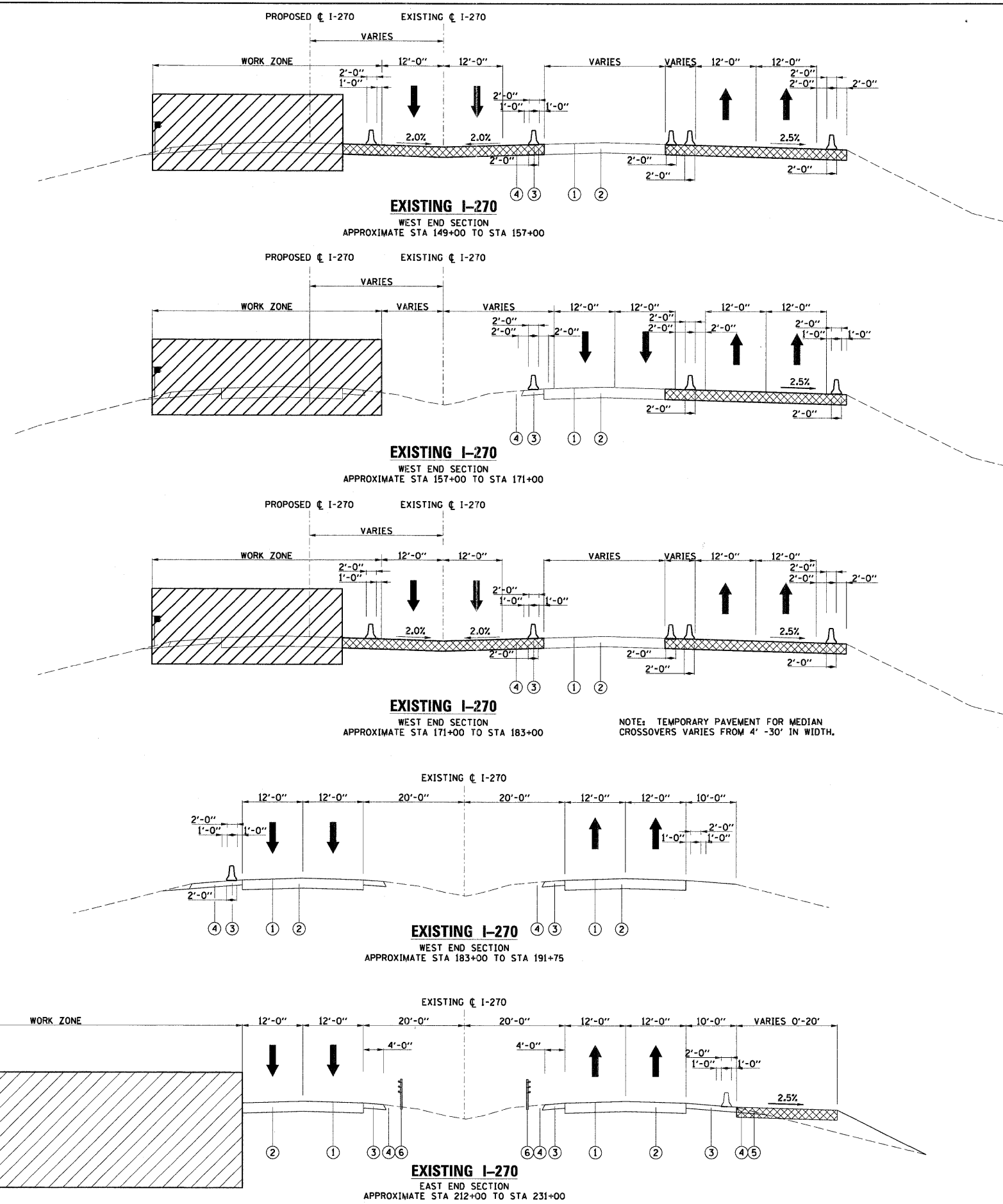
REVISED - 07-30-10  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC  
 TYPICAL SECTIONS - STAGE 2**

SCALE: SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	91
				CONTRACT NO. 76A91
ILLINOIS FED. AID PROJECT				



- MOT LEGEND**
- WORK ZONE AREA
  - TEMPORARY PAVEMENT
  - DIRECTION OF TRAFFIC
  - MOVEABLE CONCRETE BARRIER
  - TYPE II WITH STEADY BURNING MONODIRECTIONAL LIGHT
- EXISTING LEGEND**
- ① EX HOT-MIX ASPHALT OVERLAY
  - ② EX PCC PAVEMENT, 10"
  - ③ EX HOT-MIX ASPHALT SHOULDER
  - ④ EX AGGREGATE SHOULDER
  - ⑤ EX STEEL PLATE BEAM GUARDRAIL
  - ⑥ EX CABLE ROAD GUARD
- NOTE:  
SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION.

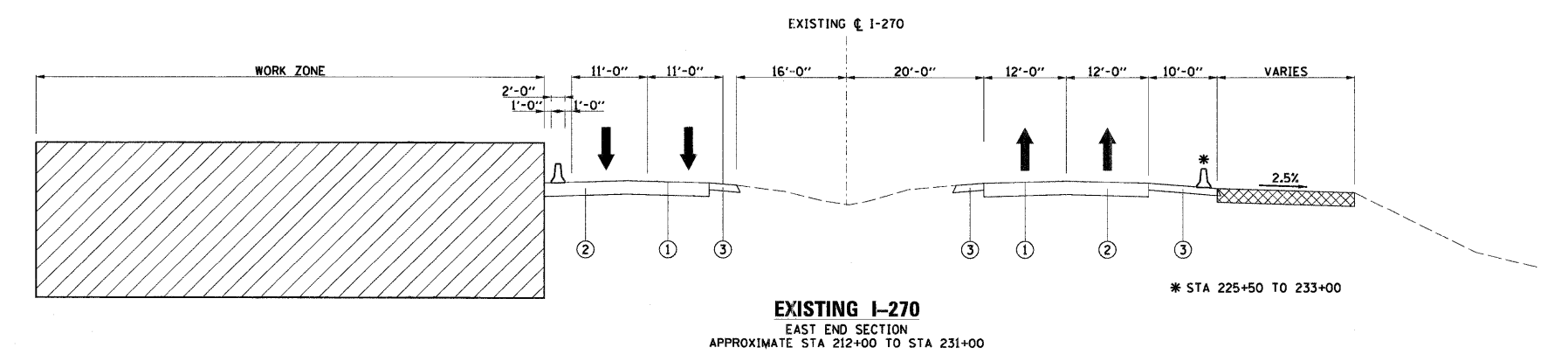
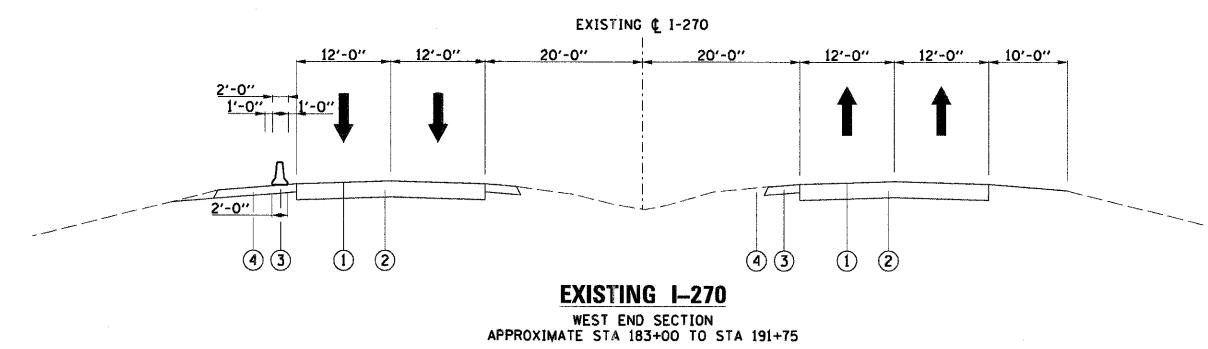
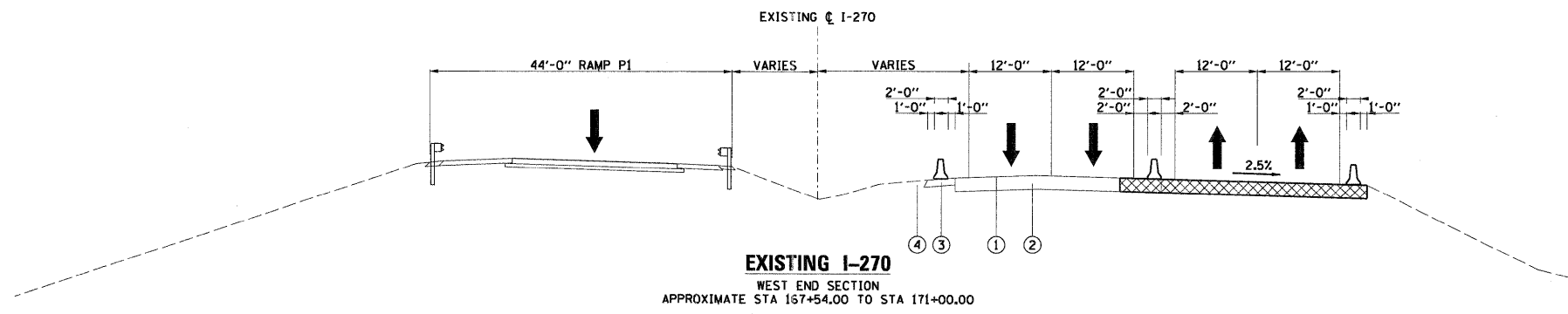
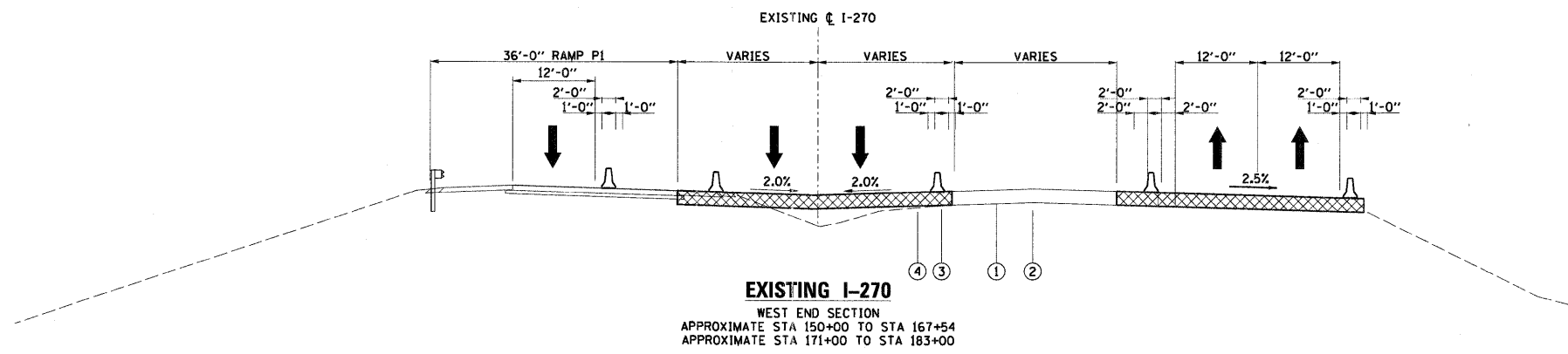
FILE NAME = DB76A91-Sht-MOTTYP03.DGN	USER NAME = malopez	DESIGNED - SJM	REVISED - 07-30-10
		DRAWN - ML	REVISED -
		CHECKED - SJM	REVISED -
		DATE - 06-30-10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC  
TYPICAL SECTIONS - STAGE 3**

SCALE: SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 92
			CONTRACT NO. 76A91	
ILLINOIS FED. AID PROJECT				



- MOT LEGEND**
- WORK ZONE AREA
  - TEMPORARY PAVEMENT
  - DIRECTION OF TRAFFIC
  - MOVEABLE CONCRETE BARRIER
  - TYPE II WITH STEADY BURNING MONODIRECTIONAL LIGHT

- EXISTING LEGEND**
- ① EX HOT-MIX ASPHALT OVERLAY
  - ② EX PCC PAVEMENT, 10"
  - ③ EX HOT-MIX ASPHALT SHOULDER
  - ④ EX AGGREGATE SHOULDER
  - ⑤ EX STEEL PLATE BEAM GUARDRAIL
  - ⑥ EX CABLE ROAD GUARD

NOTE:  
SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION.

FILE NAME =  
D876A91-Sht-MOTTP84.DGN

USER NAME = malopez  
PLOT SCALE = #SCALE#  
PLOT DATE = 3/16/2011

DESIGNED - SJM  
DRAWN - ML  
CHECKED - SJM  
DATE - 06-30-10

REVISED - 07-30-10  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC  
TYPICAL SECTIONS - STAGE 3A**

SCALE: SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	93
				CONTRACT NO. 76A91
ILLINOIS FED. AID PROJECT				

EXISTING  $\epsilon$  I-270  
 WORK ZONE  
 10'-0" 12'-0" 12'-0" 6'-0" 2'-0" 2'-0" 2'-0" 2'-0" 12'-0" 12'-0" 2'-0" 2'-0"  
 2.5%  
 4 3 1 2  
**EXISTING I-270**  
 WEST END SECTION  
 APPROXIMATE STA 149+00 TO STA 179+00

EXISTING  $\epsilon$  I-270  
 WORK ZONE  
 VARIES 10'-0" 12'-0" 12'-0" VARIES VARIES 20'-0" 12'-0" 12'-0" 10'-0"  
 4 3 1 2  
**EXISTING I-270**  
 WEST END SECTION  
 APPROXIMATE STA 179+00 TO STA 191+75

EXISTING  $\epsilon$  I-270  
 WORK ZONE  
 VARIES 10'-0" 12'-0" 12'-0" 5'-6" 5'-6" 12'-0" 12'-0" 10'-0" VARIES 20'-0" 12'-0" 12'-0" 10'-0"  
 2'-0" 2'-0" 2'-0" 2'-0" 2'-0" 2'-0"  
 4 3 1 2  
**EXISTING I-270**  
 WEST END SECTION  
 APPROXIMATE STA 1212+00 TO STA 1220+00

EXISTING  $\epsilon$  I-270  
 WORK ZONE  
 2'-0" 1'-0" 1'-0" 11'-0" 11'-0" 2'-0" 1'-0" 1'-0" 1'-0" 11'-0" 11'-0" 2'-0" 1'-0" 1'-0" 1'-0"  
 2.5% 2.5%  
 4 3 1 2  
**EXISTING I-270**  
 EAST END SECTION  
 APPROXIMATE STA 1220+00 TO STA 1234+00

- MOT LEGEND**
- WORK ZONE AREA
  - TEMPORARY PAVEMENT
  - DIRECTION OF TRAFFIC
  - MOVEABLE CONCRETE BARRIER
  - TYPE II WITH STEADY BURNING MONODIRECTIONAL LIGHT
- EXISTING LEGEND**
- ① EX HOT-MIX ASPHALT OVERLAY
  - ② EX PCC PAVEMENT, 10"
  - ③ EX HOT-MIX ASPHALT SHOULDER
  - ④ EX AGGREGATE SHOULDER
  - ⑤ EX STEEL PLATE BEAM GUARDRAIL
  - ⑥ EX CABLE ROAD GUARD
- NOTE:**  
 SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION.

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC  
 TYPICAL SECTIONS - STAGE 4**

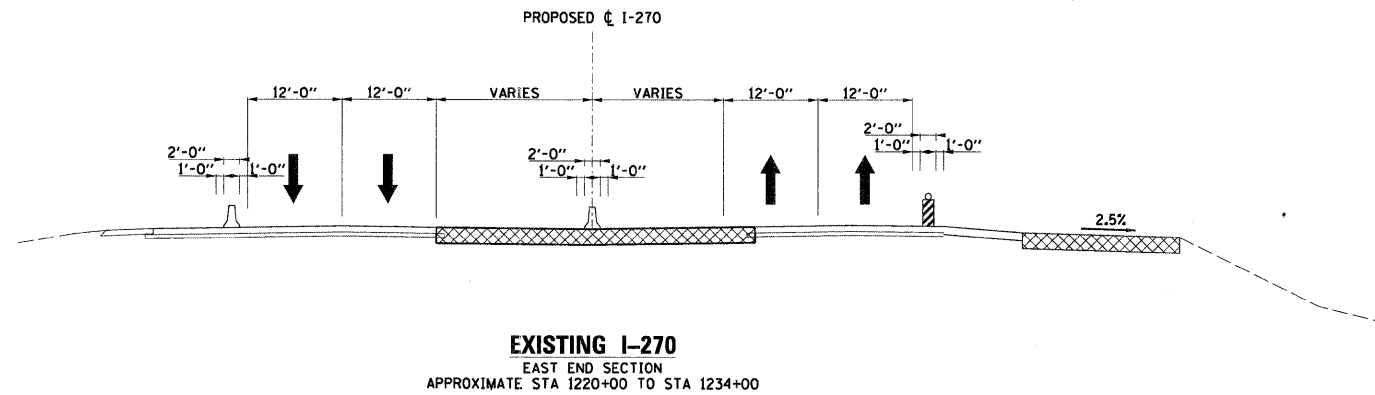
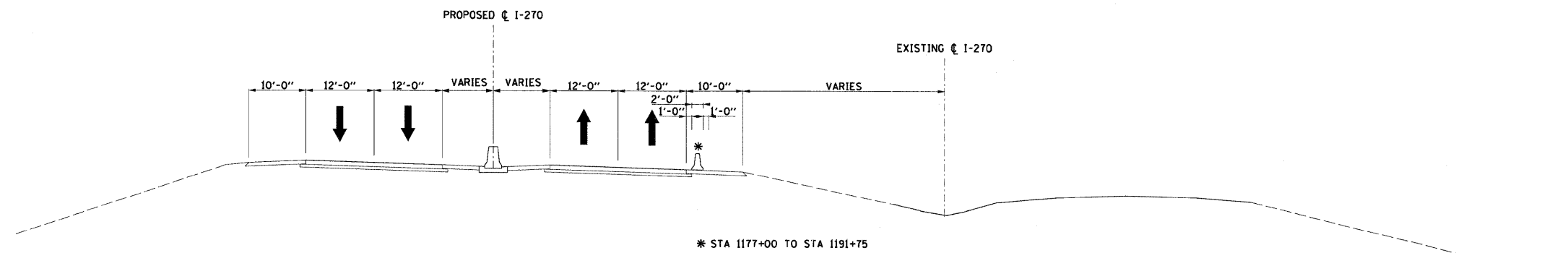
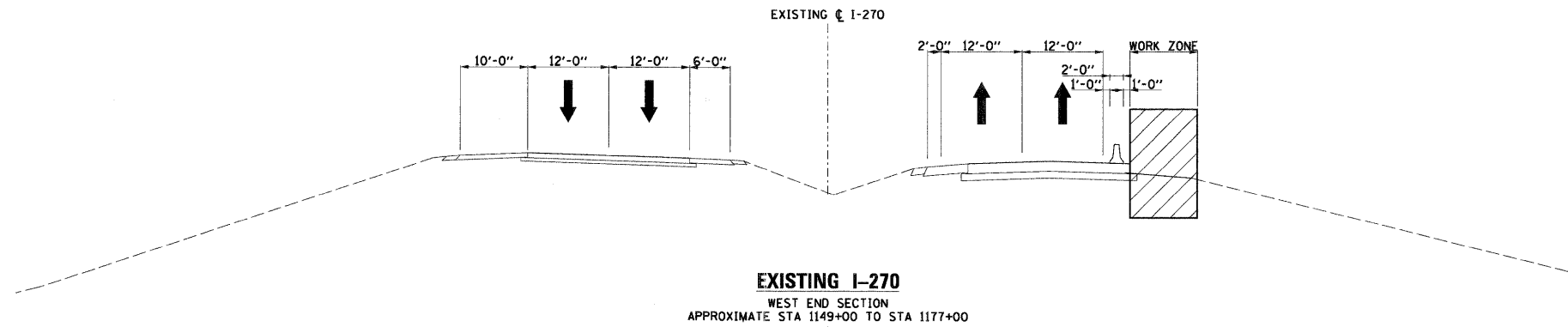
FILE NAME =  
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USER NAME = molopez  
 DESIGNED - SJM  
 DRAWN - ML  
 PLOT SCALE = #SCALE#  
 PLOT DATE = 3/16/2011  
 CHECKED - SJM  
 DATE - 06-30-10  
 REVISED - 07-30-10

DESIGNED - SJM  
 DRAWN - ML  
 CHECKED - SJM  
 DATE - 06-30-10  
 REVISED - 07-30-10

SCALE: SHEET NO. 5 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	94
				CONTRACT NO. 76A91
ILLINOIS FED. AID PROJECT				



- MOT LEGEND**
- WORK ZONE AREA
  - TEMPORARY PAVEMENT
  - DIRECTION OF TRAFFIC
  - MOVEABLE CONCRETE BARRIER
  - TYPE II WITH STEADY BURNING MONODIRECTIONAL LIGHT

- EXISTING LEGEND**
- ① EX HOT-MIX ASPHALT OVERLAY
  - ② EX PCC PAVEMENT, 10"
  - ③ EX HOT-MIX ASPHALT SHOULDER
  - ④ EX AGGREGATE SHOULDER
  - ⑤ EX STEEL PLATE BEAM GUARDRAIL
  - ⑥ EX CABLE ROAD GUARD

NOTE:  
SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION.

FILE NAME =  
0876A91-Sh1-MDTTPB6.DGN

USER NAME = melopez  
PLOT SCALE = #SCALE#  
PLOT DATE = 3/16/2011

DESIGNED - SJM  
DRAWN - ML  
CHECKED - SJM  
DATE - 06-30-10

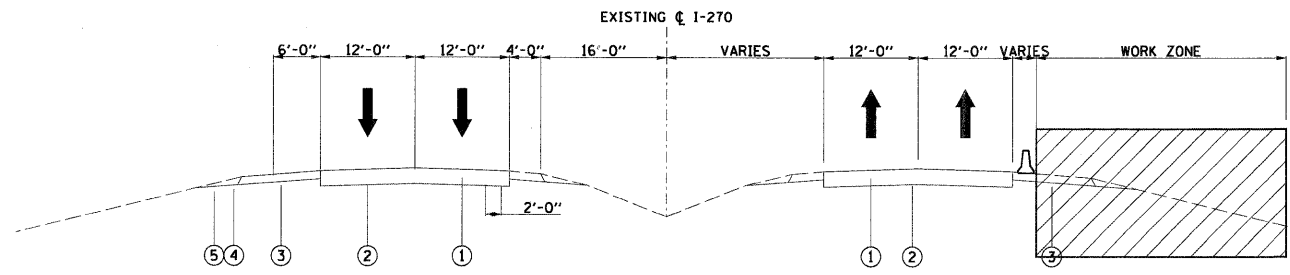
REVISED - 07-30-10  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

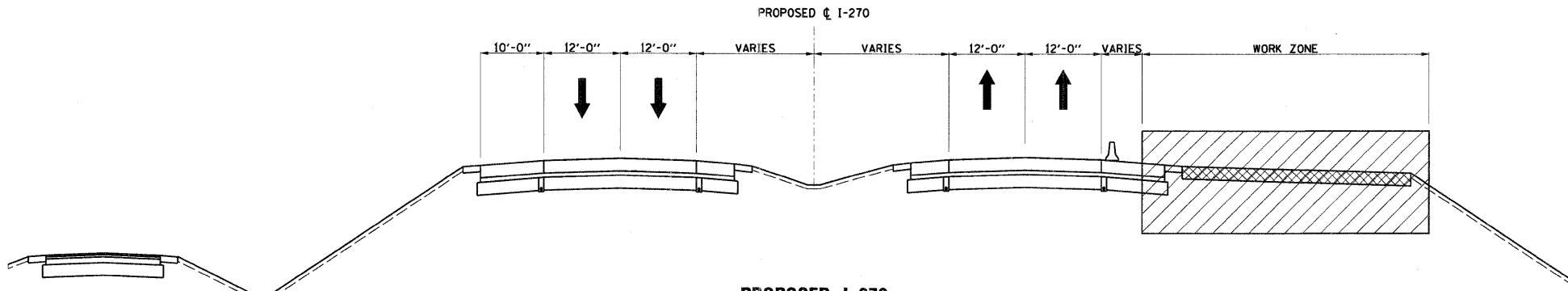
**SUGGESTED MAINTENANCE OF TRAFFIC  
TYPICAL SECTIONS - STAGE 4A**

SCALE: SHEET NO. 6 OF 7 SHEETS STA. TO STA.

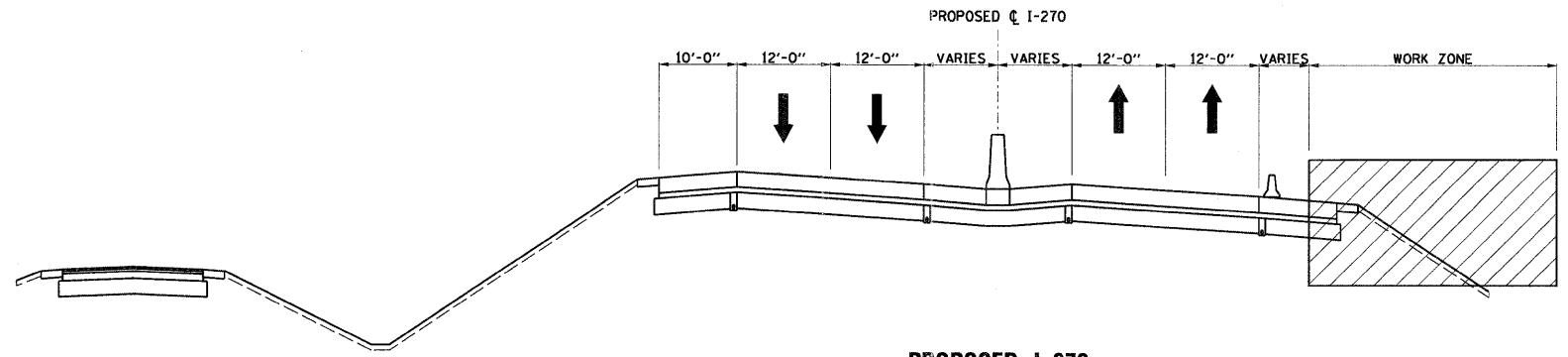
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	95
				CONTRACT NO. 76A91
ILLINOIS FED. AID PROJECT				



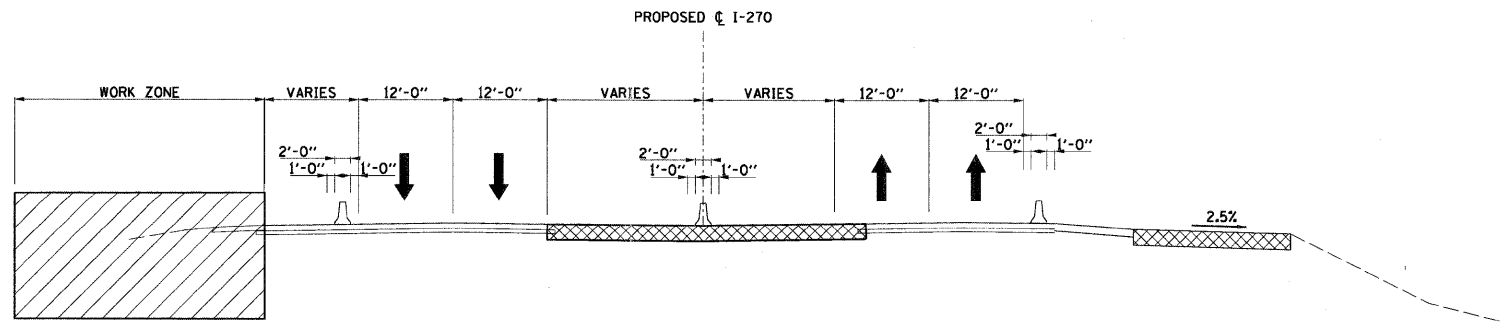
**EXISTING I-270**  
WEST END SECTION  
APPROXIMATE STA 149+00 TO STA 158+00



**PROPOSED I-270**  
EAST END SECTION  
APPROXIMATE STA 1158+00.00 TO STA 1177+00



**PROPOSED I-270**  
EAST END SECTION  
APPROXIMATE STA 1177+00 TO STA 1191+75  
APPROXIMATE STA 1212+00 TO STA 1223+00



**EXISTING I-270**  
EAST END SECTION  
APPROXIMATE STA 1223+00 TO STA 1234+00

- MOT LEGEND**
- WORK ZONE AREA
  - TEMPORARY PAVEMENT
  - DIRECTION OF TRAFFIC
  - MOVEABLE CONCRETE BARRIER
  - TYPE II WITH STEADY BURNING MONODIRECTIONAL LIGHT

- EXISTING LEGEND**
- ① EX HOT-MIX ASPHALT OVERLAY
  - ② EX PCC PAVEMENT, 10"
  - ③ EX HOT-MIX ASPHALT SHOULDER
  - ④ EX AGGREGATE SHOULDER
  - ⑤ EX STEEL PLATE BEAM GUARDRAIL
  - ⑥ EX CABLE ROAD GUARD

NOTE:  
SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION.

FILE NAME =  
D876A91-SHT-MOTTP87.DGN

USER NAME = malopez  
PLOT SCALE = #SCALE#  
PLOT DATE = 3/16/2011

DESIGNED - SJM  
DRAWN - ML  
CHECKED - SJM  
DATE - 06-30-10

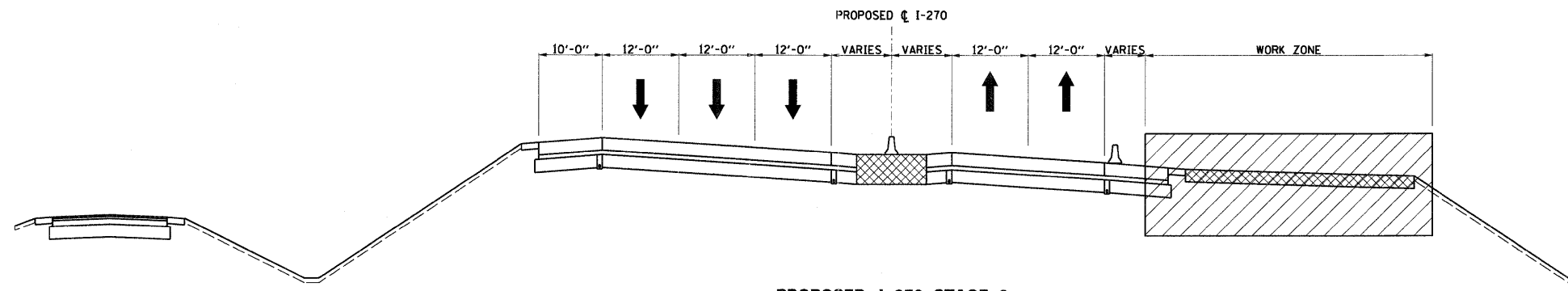
REVISED - 07-30-10  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

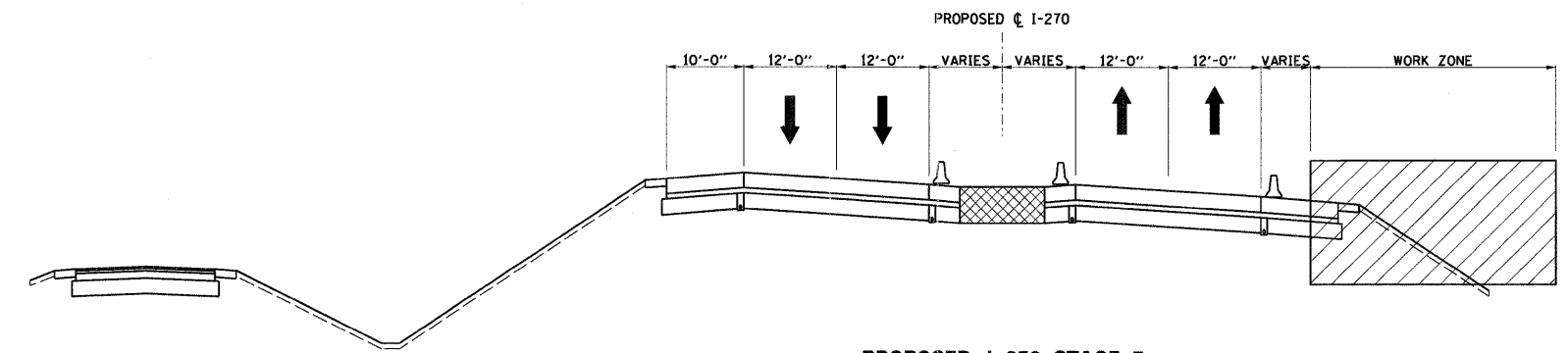
**SUGGESTED MAINTENANCE OF TRAFFIC  
TYPICAL SECTIONS - STAGE 5**

SCALE: SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	96
CONTRACT NO. 76A91				
ILLINOIS FED. AID PROJECT				



**PROPOSED I-270 STAGE 6**  
EAST END SECTION  
APPROXIMATE STA 1223+00 TO STA 1234+00



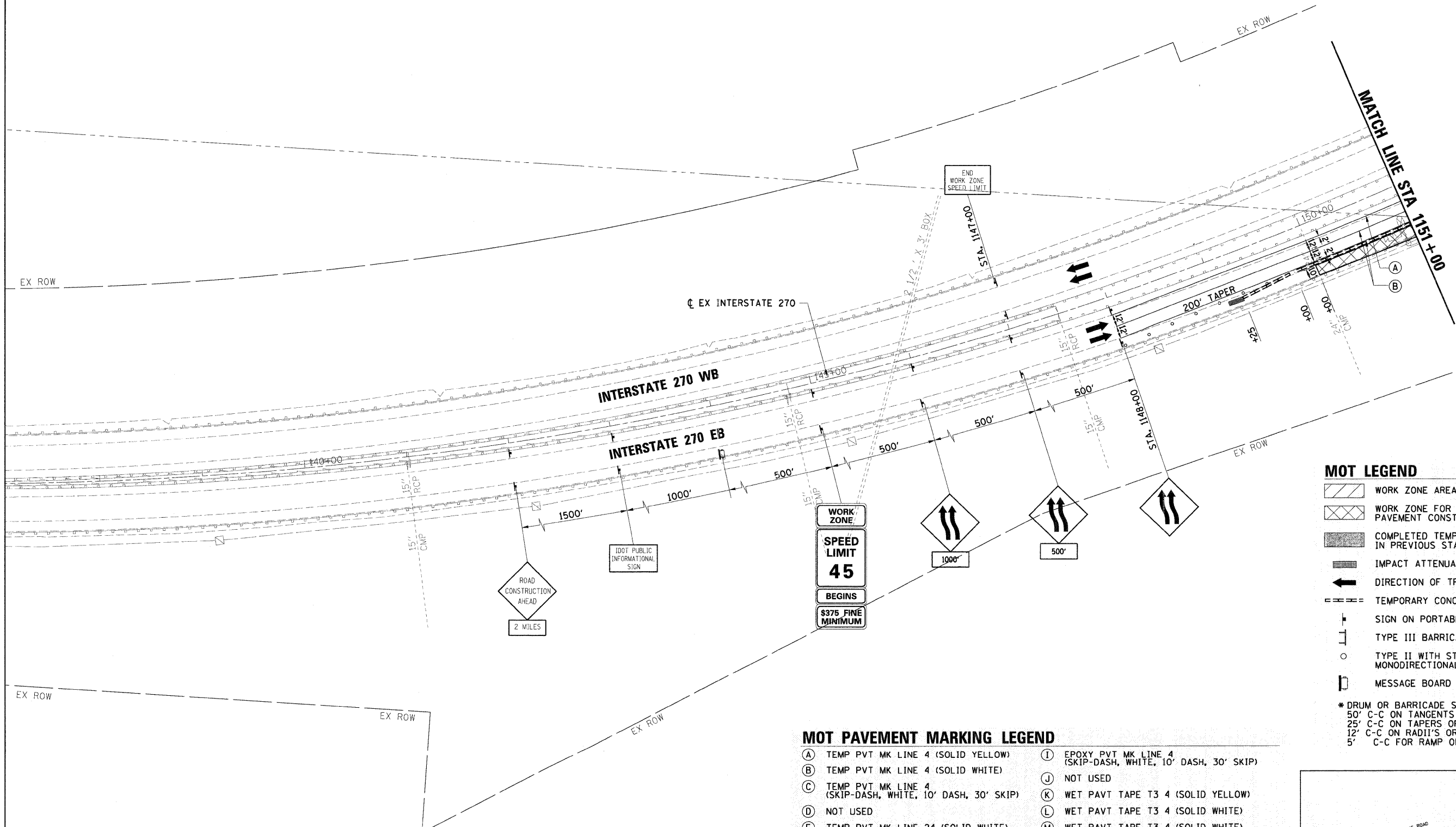
**PROPOSED I-270 STAGE 7**  
EAST END SECTION  
APPROXIMATE STA 1121+00 TO STA 1234+00

- MOT LEGEND**
- WORK ZONE AREA
  - TEMPORARY PAVEMENT
  - DIRECTION OF TRAFFIC
  - MOVEABLE CONCRETE BARRIER
  - TYPE II WITH STEADY BURNING MONODIRECTIONAL LIGHT

- EXISTING LEGEND**
- ① EX HOT-MIX ASPHALT OVERLAY
  - ② EX PCC PAVEMENT, 10"
  - ③ EX HOT-MIX ASPHALT SHOULDER
  - ④ EX AGGREGATE SHOULDER
  - ⑤ EX STEEL PLATE BEAM GUARDRAIL
  - ⑥ EX CABLE ROAD GUARD

NOTE:  
SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION.

FILE NAME = D876A91-Shl-MDTYP08.DGN	USER NAME = malopez	DESIGNED - SJM	REVISED - 06-30-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS - STAGE 6 AND 7</b>	F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - ML	REVISED -			270	60-1B-1	MADISON	712	96A
	PLOT DATE = 3/16/2011	CHECKED - SJM	REVISED -			CONTRACT NO. 76A91				
	DATE - 06-30-10	REVISIONS -	REVISED -			[ILLINOIS] FED. AID PROJECT				
					SCALE:	SHEET NO. 8 OF 8 SHEETS		STA. TO STA.		



**MOT LEGEND**

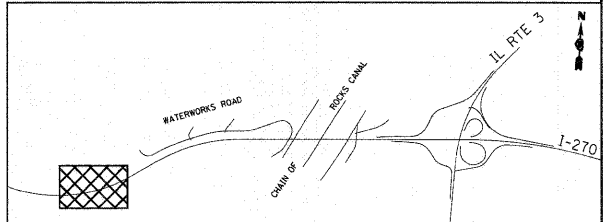
- WORK ZONE AREA
- WORK ZONE FOR TEMPORARY PAVEMENT CONSTRUCTION
- COMPLETED TEMPORARY PAVEMENT IN PREVIOUS STAGES
- IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES
- TYPE II WITH STEADY BURNING MONODIRECTIONAL LIGHT \*
- MESSAGE BOARD

\* DRUM OR BARRICADE SPACING:  
 50' C-C ON TANGENTS  
 25' C-C ON TAPERS OR LANE SHIFTS  
 12' C-C ON RADIUS OR RAMPS  
 5' C-C FOR RAMP OR ROAD CLOSURES

**MOT PAVEMENT MARKING LEGEND**

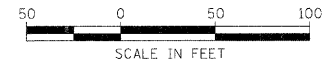
- |   |   |
|---|---|
| (A) TEMP PVT MK LINE 4 (SOLID YELLOW)                         | (I) EPOXY PVT MK LINE 4 (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)              |
| (B) TEMP PVT MK LINE 4 (SOLID WHITE)                          | (J) NOT USED  |
| (C) TEMP PVT MK LINE 4 (SKIP-DASH, WHITE, 10' DASH, 30' SKIP) | (K) WET PAVT TAPE T3 4 (SOLID YELLOW)                                       |
| (D) NOT USED  | (L) WET PAVT TAPE T3 4 (SOLID WHITE)  |
| (E) TEMP PVT MK LINE 24 (SOLID WHITE)                         | (M) WET PAVT TAPE T3 4 (SOLID WHITE) (SKIP-DASH, WHITE, 10' DASH, 30' SKIP) |
| (F) TEMP PVT MK LTR & SYM (SOLID WHITE)                       | (N) WET PAVT TAPE T3 6 (SOLID WHITE)  |
| (G) EPOXY PVT MK LINE 4 (SOLID YELLOW)                        | (O) WET PAVT TAPE T3 24 (SOLID WHITE)                                       |
| (H) EPOXY PVT MK LINE 4 (SOLID WHITE)                         |   |

**KEY MAP**

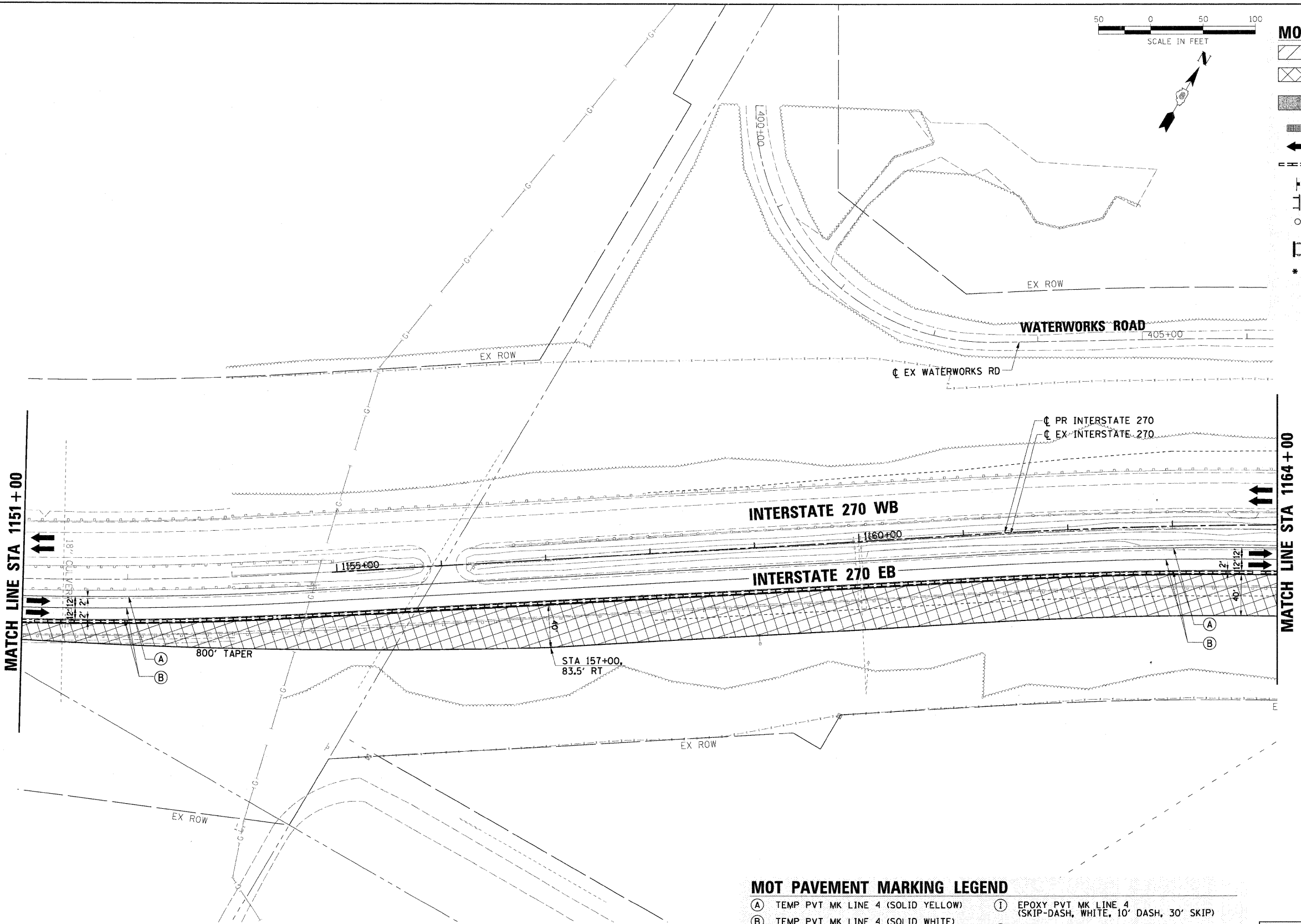


FILE NAME = D976A91-Sh-MOT00-21.dgn	USER NAME = molopez	DESIGNED - JC	REVISED - 1-01-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED MAINTENANCE OF TRAFFIC PRE-STAGE INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 97	
PLOT SCALE = #SCALE#	CHECKED -	DATE - 06-30-10	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 14 SHEETS	STA. 1137+00	TO STA. 1151+00	CONTRACT NO. 76A91		
PLOT DATE = 3/16/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						

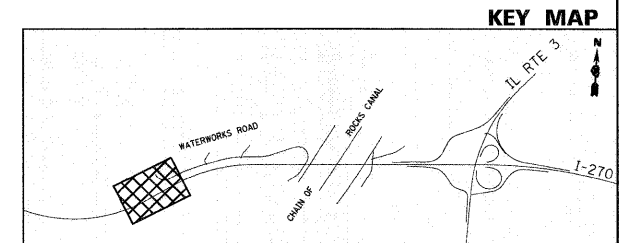




- ### MOT LEGEND
- WORK ZONE AREA
  - WORK ZONE FOR TEMPORARY PAVEMENT CONSTRUCTION
  - COMPLETED TEMPORARY PAVEMENT IN PREVIOUS STAGES
  - IMPACT ATTENUATOR
  - DIRECTION OF TRAFFIC
  - TEMPORARY CONCRETE BARRIER
  - SIGN ON PORTABLE OR PERMANENT SUPPORT
  - TYPE III BARRICADES
  - TYPE II WITH STEADY BURNING MONODIRECTIONAL LIGHT \*
  - MESSAGE BOARD
- \* DRUM OR BARRICADE SPACING:  
 50' C-C ON TANGENTS  
 25' C-C ON TAPERS OR LANE SHIFTS  
 12' C-C ON RADII'S OR RAMPS  
 5' C-C FOR RAMP OR ROAD CLOSURES



- ### MOT PAVEMENT MARKING LEGEND
- |   |   |
|---|---|
| (A) TEMP PVT MK LINE 4 (SOLID YELLOW)                         | (I) EPOXY PVT MK LINE 4 (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)              |
| (B) TEMP PVT MK LINE 4 (SOLID WHITE)                          | (J) NOT USED  |
| (C) TEMP PVT MK LINE 4 (SKIP-DASH, WHITE, 10' DASH, 30' SKIP) | (K) WET PAVT TAPE T3 4 (SOLID YELLOW)                                       |
| (D) NOT USED  | (L) WET PAVT TAPE T3 4 (SOLID WHITE)  |
| (E) TEMP PVT MK LINE 24 (SOLID WHITE)                         | (M) WET PAVT TAPE T3 4 (SOLID WHITE) (SKIP-DASH, WHITE, 10' DASH, 30' SKIP) |
| (F) TEMP PVT MK LTR & SYM (SOLID WHITE)                       | (N) WET PAVT TAPE T3 6 (SOLID WHITE)  |
| (G) EPOXY PVT MK LINE 4 (SOLID YELLOW)                        | (O) WET PAVT TAPE T3 24 (SOLID WHITE)                                       |
| (H) EPOXY PVT MK LINE 4 (SOLID WHITE)                         |   |

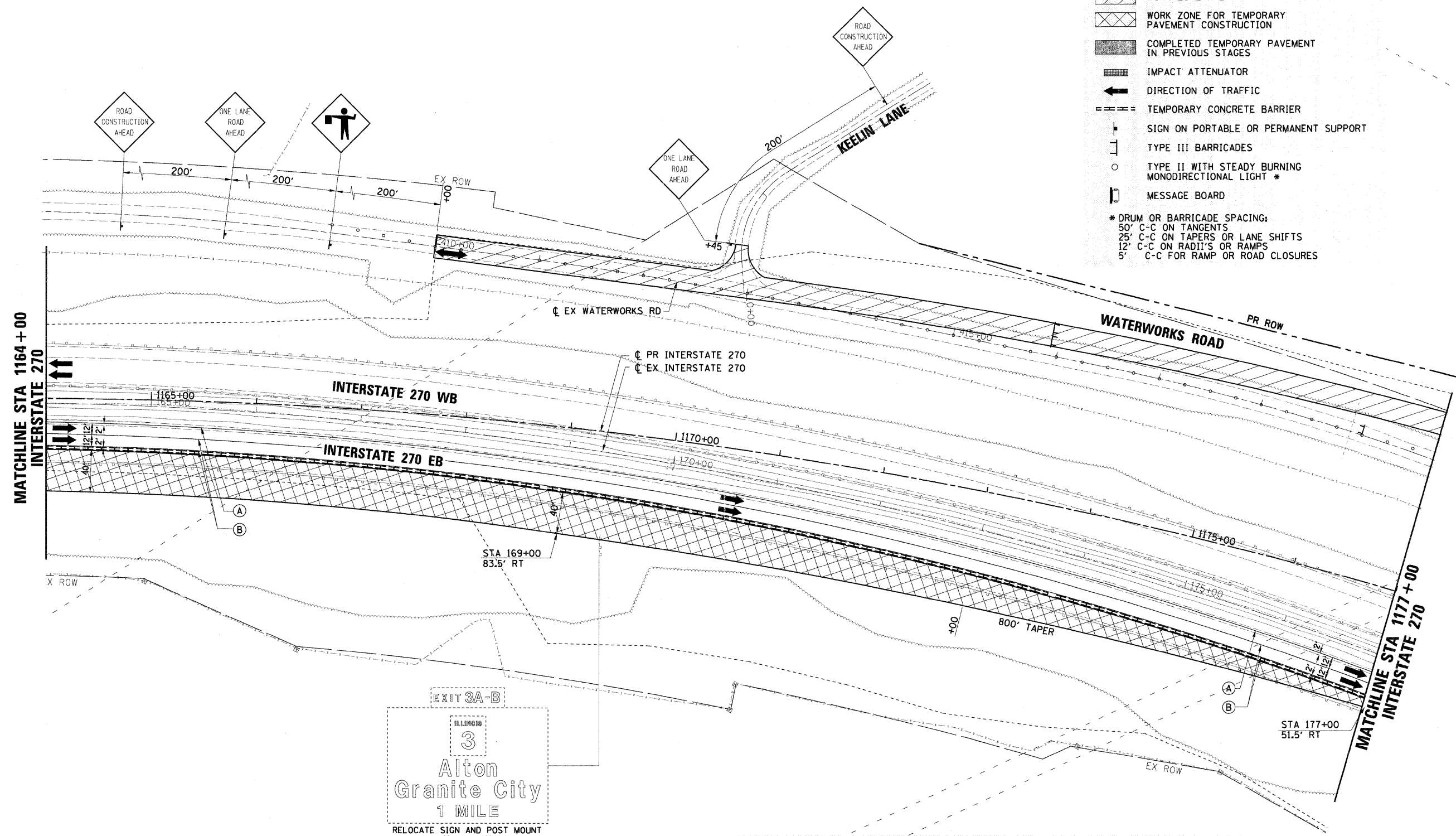
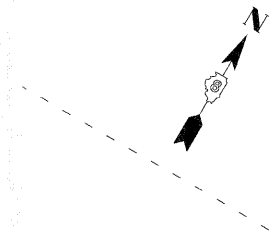


FILE NAME = DB76A91-Shr-MOT88-82.dgn	USER NAME = mlopez	DESIGNED - JC	REVISED - 1-01-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED MAINTENANCE OF TRAFFIC PRE-STAGE INTERSTATE 270</b>	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 98	
PLOT SCALE = @SCALE@		CHECKED - BH	REVISED -		SCALE: 1" = 50'	SHEET NO. 2 OF 14 SHEETS	STA. 1151+00 TO STA. 1164+00		CONTRACT NO. 76A91		
PLOT DATE = 3/16/2011		DATE - 06-30-10	REVISED -		ILLINOIS FED. AID PROJECT						



**MOT LEGEND**

- WORK ZONE AREA
  - WORK ZONE FOR TEMPORARY PAVEMENT CONSTRUCTION
  - COMPLETED TEMPORARY PAVEMENT IN PREVIOUS STAGES
  - IMPACT ATTENUATOR
  - DIRECTION OF TRAFFIC
  - TEMPORARY CONCRETE BARRIER
  - SIGN ON PORTABLE OR PERMANENT SUPPORT
  - TYPE III BARRICADES
  - TYPE II WITH STEADY BURNING MONODIRECTIONAL LIGHT \*
  - MESSAGE BOARD
- \* DRUM OR BARRICADE SPACING:  
 50' C-C ON TANGENTS  
 25' C-C ON TAPERS OR LANE SHIFTS  
 12' C-C ON RADII'S OR RAMPS  
 5' C-C FOR RAMP OR ROAD CLOSURES

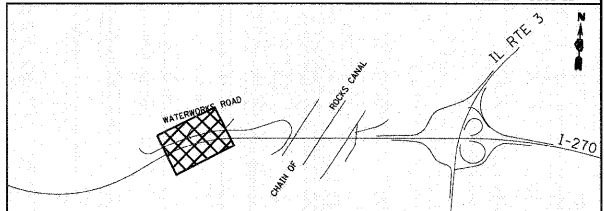


EXIT 3A-B  
 3  
 Alton  
 Granite City  
 1 MILE  
 RELOCATE SIGN AND POST MOUNT  
 STA. 1169+50, 115' RT

**MOT PAVEMENT MARKING LEGEND**

- (A) TEMP PVT MK LINE 4 (SOLID YELLOW)
- (B) TEMP PVT MK LINE 4 (SOLID WHITE)
- (C) TEMP PVT MK LINE 4 (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (D) NOT USED
- (E) TEMP PVT MK LINE 24 (SOLID WHITE)
- (F) TEMP PVT MK LTR & SYM (SOLID WHITE)
- (G) EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (H) EPOXY PVT MK LINE 4 (SOLID WHITE)
- (I) EPOXY PVT MK LINE 4 (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (J) NOT USED
- (K) WET PAVT TAPE T3 4 (SOLID YELLOW)
- (L) WET PAVT TAPE T3 4 (SOLID WHITE)
- (M) WET PAVT TAPE T3 4 (SOLID WHITE) (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (N) WET PAVT TAPE T3 6 (SOLID WHITE)
- (O) WET PAVT TAPE T3 24 (SOLID WHITE)

**KEY MAP**



FILE NAME = DB76A91-Sh1-MOT02-03.dgn	USER NAME = molopez	DESIGNED - JC	REVISED - 1-01-11
		DRAWN - BH	REVISED -
		CHECKED -	REVISED -
		DATE - 06-30-10	REVISED -

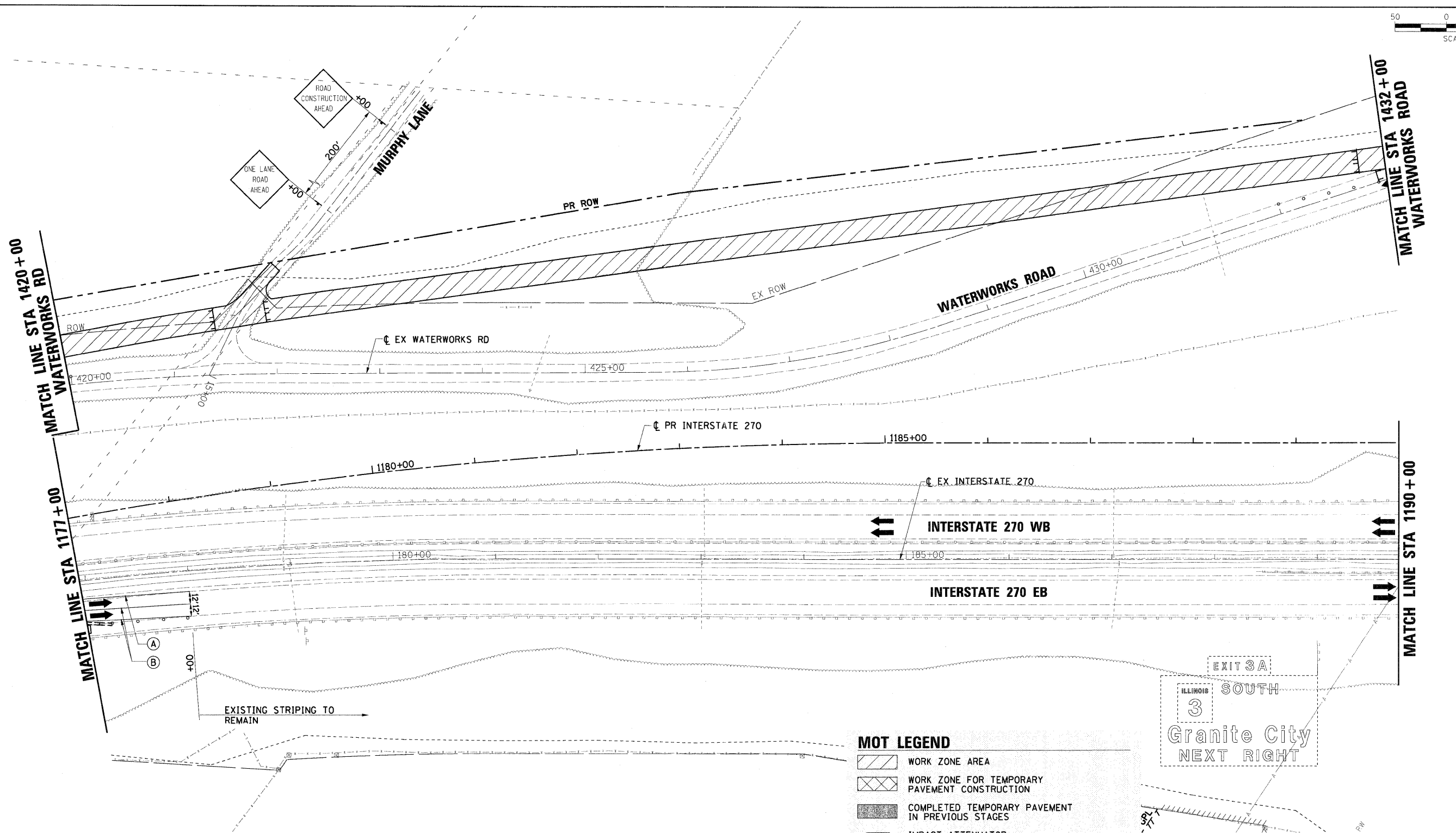
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC PRE-STAGE  
 INTERSTATE 270**

SCALE: 1" = 50' SHEET NO. 3 OF 14 SHEETS STA. 1164+00 TO STA. 1177+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	99
			CONTRACT NO. 76A91	

ILLINOIS FED. AID PROJECT



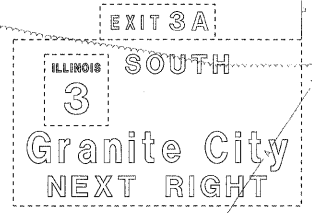
**MOT PAVEMENT MARKING LEGEND**

(A) TEMP PVT MK LINE 4 (SOLID YELLOW)	(I) EPOXY PVT MK LINE 4 (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
(B) TEMP PVT MK LINE 4 (SOLID WHITE)	(J) NOT USED
(C) TEMP PVT MK LINE 4 (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)	(K) WET PAVT TAPE T3 4 (SOLID YELLOW)
(D) NOT USED	(L) WET PAVT TAPE T3 4 (SOLID WHITE)
(E) TEMP PVT MK LINE 24 (SOLID WHITE)	(M) WET PAVT TAPE T3 4 (SOLID WHITE) (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
(F) TEMP PVT MK LTR & SYM (SOLID WHITE)	(N) WET PAVT TAPE T3 6 (SOLID WHITE)
(G) EPOXY PVT MK LINE 4 (SOLID YELLOW)	(O) WET PAVT TAPE T3 24 (SOLID WHITE)
(H) EPOXY PVT MK LINE 4 (SOLID WHITE)	

**MOT LEGEND**

	WORK ZONE AREA
	WORK ZONE FOR TEMPORARY PAVEMENT CONSTRUCTION
	COMPLETED TEMPORARY PAVEMENT IN PREVIOUS STAGES
	IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC
	TEMPORARY CONCRETE BARRIER
	SIGN ON PORTABLE OR PERMANENT SUPPORT
	TYPE III BARRICADES
	TYPE II WITH STEADY BURNING MONODIRECTIONAL LIGHT *
	MESSAGE BOARD

\* DRUM OR BARRICADE SPACING:  
 50' C-C ON TANGENTS  
 25' C-C ON TAPERS OR LANE SHIFTS  
 12' C-C ON RADII'S OR RAMP  
 5' C-C FOR RAMP OR ROAD CLOSURES



FILE NAME = DB76A91-Sh1-MDT00-04.dgn	USER NAME = molopez	DESIGNED - JC	REVISED - 1-01-11
		DRAWN - BH	REVISED -
		CHECKED -	REVISED -
		DATE - 06-30-10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC PRE-STAGE  
INTERSTATE 270**

SCALE: 1" = 50' SHEET NO. 4 OF 14 SHEETS STA. 1177+00 TO STA. 1190+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	100
CONTRACT NO. 76A91			ILLINOIS FED. AID PROJECT	