

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	1
CONTRACT NO: 63570				

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

DESIGN DESIGNATION (WEBER ROAD)
2700 (28) ARTERIAL
DESIGN DESIGNATION (RENWICK ROAD)
1400 (28) ARTERIAL

TRAFFIC DATA
2002 ADT = 20,260 (WEBER ROAD)
2002 ADT = 10,430 (RENWICK ROAD)

2030 ADT = 36,000 (WEBER ROAD)
2030 ADT = 18,680 (RENWICK ROAD)

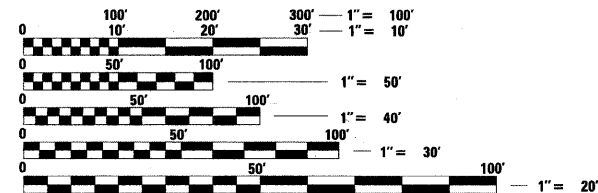
SPEED LIMIT
WEBER ROAD = 45 MPH
RENWICK ROAD = 45 MPH

**FAP ROUTE 856 (WEBER ROAD) (CH 88) AT
FAP ROUTE 351 (RENWICK ROAD) (CH 36)
INTERSECTION IMPROVEMENT, TRAFFIC SIGNAL MODERNIZATION,
DRAINAGE IMPROVEMENT AND LIGHTING IMPROVEMENT
WILL COUNTY
C-91-162-03**

**SECTION 01-00170-26-TL
PROJECT M-CMF-0005(409)**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

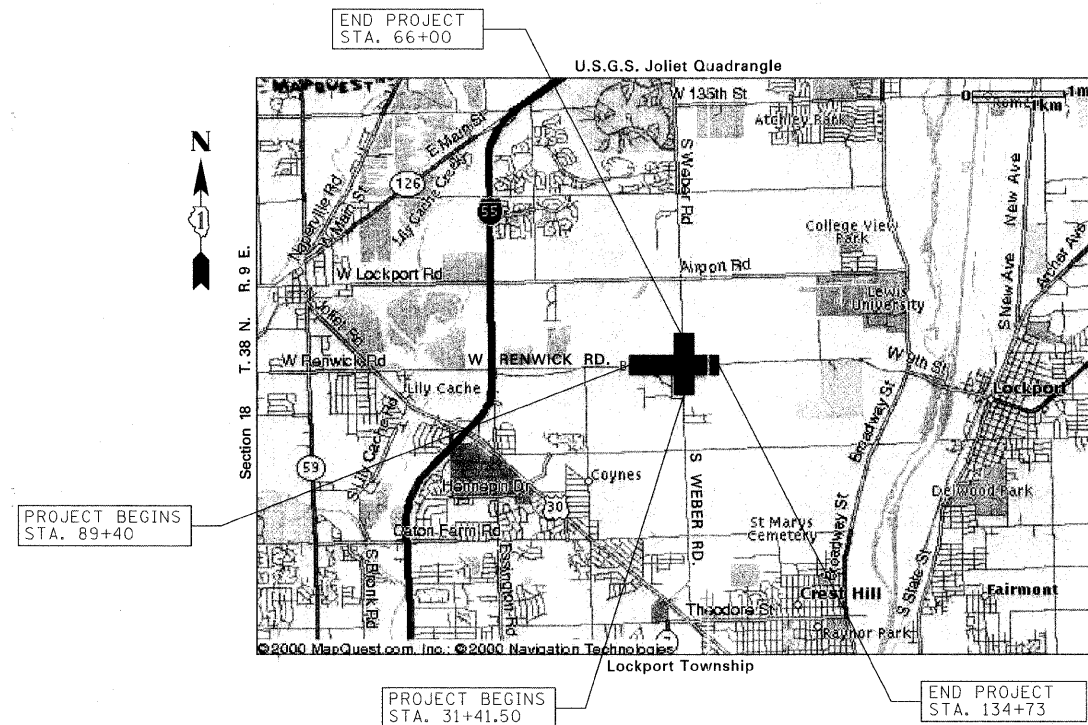
PROJECT LOCATED IN UNINCORPORATED WILL COUNTY, VILLAGE OF ROMEVILLE, AND CITY OF CREST HILL



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

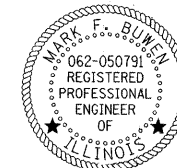
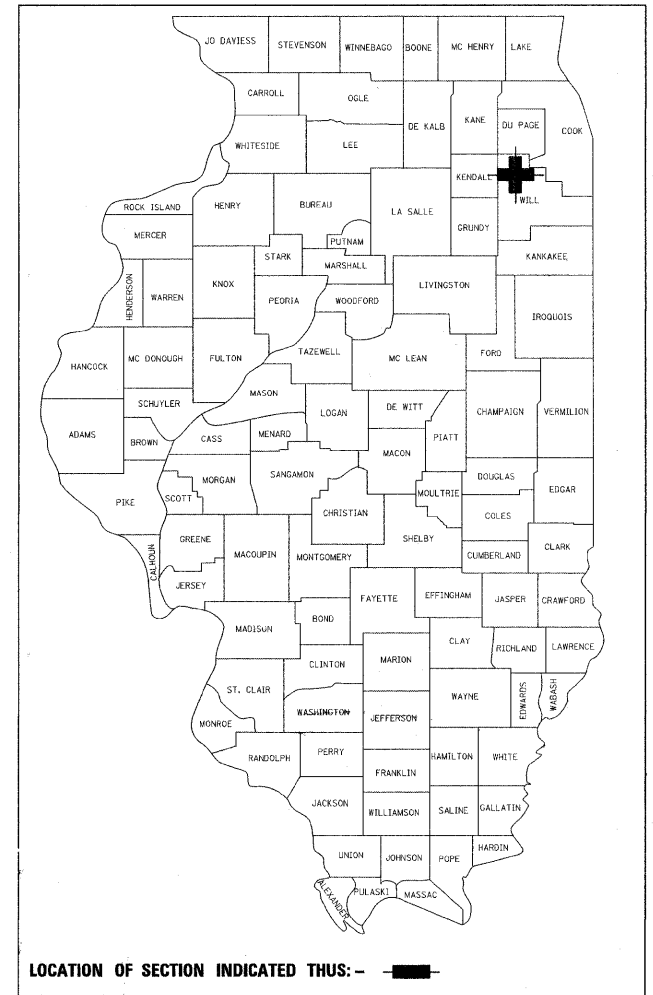
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 OR 811

CONTRACT NO. 63570

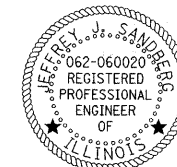


LOCATION MAP
NOT TO SCALE

TOTAL GROSS LENGTH OF PROJECT = 7992 FT. = 1.51 MI.
TOTAL NET LENGTH OF PROJECT = 7992 FT. = 1.51 MI.



Mark F. Buwen 08/22/11
MARK F. BUWEN, P.E. DATE
LICENSE EXPIRES: NOVEMBER 30, 2011
CONSULTANT PROJECT MANAGER



Jeffrey J. Sandberg 8/23/11
JEFFREY J. SANDBERG, P.E., PTOE DATE
LICENSE EXPIRES: NOVEMBER 30, 2011
FOR SHEETS: 89-106



Richard W. Hassman 8/22/2011
RICHARD W. HASSMAN, P.E. DATE
LICENSE EXPIRES: NOVEMBER 30, 2011
FOR SHEETS: 114-115

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
Approved	<i>August 25TH</i> 20 11 <i>Mark F. Buwen</i> County Engineer, Will County Department of Highways
Passed	<i>SEPTEMBER 2</i> 20 11 <i>Cheryl...</i> District I Engineer of Local Roads & Streets
Releasing for Bid Based on Limited Review	<i>SEPTEMBER 2,</i> 20 11 <i>Diane M. O'Keefe</i> Deputy Director of Highways, Region I Engineer

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

DESIGN CONSULTANT:



303 E. WACKER DR., SUITE 900
CHICAGO, IL 60601
TEL: 312-373-7700
FAX: 312-938-1109

PROGRAM & OFFICE ENGINEER: CHARES F. RIDDLER, P.E. 847-705-4406 SCHAUMBURG, IL

LIST OF DISTRICT STANDARDS

- BD-01 DRIVEWAY DETAILS DISTANCE BETWEEN R.O.W. AND FACE OF CURB AND EDGE OF SHOULDER $\geq 15'$ (4.5 M)
- BD-02 DRIVEWAY DETAILS DISTANCE BETWEEN R.O.W. AND FACE OF CURB $<15'$ (4.5M)
- BD-03 OUTLET FOR CONCRETE CURB AND GUTTER
- BD-05 DETAILS FOR CONCRETE MEDIAN TYPE SB (DOWELLED) CORRUGATED MEDIAN (MODIFIED)
- BD-12 MANHOLE WITH RESTRICTOR PLATE
- BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD-32 BUTT JOINT AND HMA TAPER DETAILS
- BD-37 MANHOLE TYPE A 7 FOOT DIAMETER
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
- TC-18 SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
- TS-02 DISTRICT 1 MAST ARM MOUNTED STREET NAME SIGNS
- TS-05 DISTRICT 1 STANDARD TRAFFIC SIGNAL DETAILS

LIST OF STATE STANDARDS

- | | |
|--|---|
| <ul style="list-style-type: none"> 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 001001-02 AREAS OF REINFORCEMENT BARS 202001-01 EARTH MEDIAN DITCH CHECK 280001-06 TEMPORARY EROSION CONTROL SYSTEMS 420001-07 PAVEMENT JOINTS 420101-04 24' (7.2 M) JOINTED PCC PAVEMENT 420106-04 36' (10.8 M) JOINTED PCC PAVEMENT 420111-03 PCC PAVEMENT ROUNDABOUTS 424001-06 PERPENDICULAR CURB RAMPS FOR SIDEWALKS 424006 DIAGONAL CURB RAMPS FOR SIDEWALKS 424011 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS 424016 MID-BLOCK CURB RAMPS FOR SIDEWALKS 424021 DEPRESSED CORNER FOR SIDEWALKS 424026 ENTRANCE/ALLEY PEDESTRAIN CROSSINGS 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION 542311-03 GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54" PIPE) 602001-02 CATCH BASINS TYPE A 602301-03 INLET TYPE A 602401-03 MANHOLE TYPE A 602406-05 MANHOLE TYPE A 6' (1.8 m) DIAMETER 602411-03 MANHOLE TYPE A 7' (2.1 m) DIAMETER 602416-03 MANHOLE TYPE A 8' DIAMETER 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP 602701-02 MANHOLE STEPS 604001-03 FRAME AND LIDS TYPE 1 604091-02 FRAME AND GRATE TYPE 24 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER 606006-02 OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-15.60) 606301-04 PC CONCRETE ISLANDS AND MEDIANS 606306-03 CORRUGATED PC CONCRETE MEDIANS 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEED ≥ 45 MPH 701422-04 LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH 701426-04 LANE CLOSURE, MULTILANE, INTERMITTENT OF MOVING OPER., FOR SPEEDS ≥ 45 MPH 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED 701601-07 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN 701606-08 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN 701701-08 URBAN LANE CLOSURE, MULTILANE INTERSECTION 701901-02 TRAFFIC CONTROL DEVICES 704001-07 TEMPORARY CONCRETE BARRIER 720001-01 SIGN PANEL MOUNTING DETAILS 720006-03 SIGN PANEL ERECTION DETAILS 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS 720016-03 MAST ARM MOUNTED STREET NAME SIGNS 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS) 780001-03 TYPICAL PAVEMENT MARKINGS 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS 814001-02 HANDHOLES 814006-02 DOUBLE HANDHOLES 825021-02 LIGHTING CONTROLLER BASE MOUNTED, 240V 836001 LIGHT POLE FOUNDATION 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS) 877001-05 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55' | <ul style="list-style-type: none"> 877002-02 STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75' 877011-05 STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55' 877012-02 STEEL COMB. MAST ARM ASSEMBLY AND POLE 56' THROUGH 75' 878001-09 CONCRETE FOUNDATION DETAILS 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS - POST AND BRACKET MOUNT 886001-01 DETECTOR LOOP INSTALLATIONS 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS BLR 24-2 MAILBOX TURNOUT FOR LOCAL ROADS |
|--|---|

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, AND DISTRICT AND STATE STANDARDS
3	GENERAL NOTES
4-8	SUMMARY OF QUANTITIES
9-10	TYPICAL SECTIONS
11-13	SCHEDULE OF QUANTITIES
14	ALIGNMENT, TIES AND BENCHMARKS
15-30	ROADWAY PLAN AND PROFILE
31-48	SUGGESTED MAINTENANCE OF TRAFFIC PLANS
49-51	LANDSCAPING, EROSION & SEDIMENT CONTROL PLANS
52-68	DRAINAGE AND UTILITY PLAN AND PROFILE
69	NOT USED
70-79	DRAINAGE SCHEDULES
80	DRAINAGE REMOVAL AND ADJUSTMENT SCHEDULE
81-83	INTERSECTION GRADING AND JOINT PLAN
84-85	INTERSECTION GRADING PLANS
86-88	PAVEMENT MARKING & SIGNING PLAN
89-112	TRAFFIC SIGNAL PLAN & DETAILS
113-115	LIGHTING PLAN
116	CONSTRUCTION DETAILS
117-130	DISTRICT ONE DETAILS
131-171	CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION WEBER ROAD AND RENWICK ROAD INDEX OF SHEETS AND DISTRICT AND STATE STANDARDS
NAME	DATE	
SCALE:		DRAWN BY CJO, PHP
DATE	APRIL, 2011	CHECKED BY MFB

GENERAL

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE JANUARY 1, 2012 EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", AND IN ACCORDANCE WITH IDOT'S "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2012. THE ENGINEER WILL RESOLVE ANY CONFLICTS WHICH MAY EXIST BETWEEN THESE SPECIFICATIONS.

ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES WHICH HAVE FACILITIES PRESENT IN THE PROJECT AREA BEFORE ANY WORK IS STARTED. ALL UTILITY COMPANIES AND LOCAL POLICE AND FIRE DEPARTMENTS SHOULD BE NOTIFIED BY THE CONTRACTOR AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION. ALL UTILITIES MUST BE STAKED PRIOR TO CONSTRUCTION.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE, COUNTY, OR MUNICIPAL PROPERTY WITHOUT WRITTEN PERMISSION FROM THE JURISDICTIONAL AGENCY OR MUNICIPALITY.

CONTRACTORS SHALL KEEP PUBLIC STREET PAVEMENTS CLEAN OF DIRT OR DEBRIS AND, WHEN NECESSARY, CLEAN PAVEMENTS ON A DAILY BASIS.

THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE NOT TO BE TAKEN AS EXACT. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM TO PREVENT DAMAGE.

DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF THE GUTTER OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, SHALL BE REMOVED AT THE CLOSE OF EACH WORK DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES ARE TO BE FREE FROM ALL DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWER ITEMS.

COST OF REMOVAL OF HEDGES, BRUSH, STUMPS AND MISCELLANEOUS SMALL OBJECTS WITHIN THE RIGHT-OF-WAY WHICH ARE NOT LISTED SEPARATELY AS A PAY ITEM IN THE PLANS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION. PLAN QUANTITIES FOR TREE REMOVAL MAY BE ADJUSTED DURING CONSTRUCTION AT THE DISCRETION OF THE ENGINEER.

THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.

ALL ROADWAY DIMENSIONS ARE FROM EDGE-TO-EDGE UNLESS OTHERWISE INDICATED. ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.

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

PAVEMENT MARKING DIMENSIONS ARE TO THE CENTER OF A SINGLE LINE OR TO THE CENTER OF THE GAP OF A DOUBLE LINE.

THE ENGINEER SHALL PROVIDE THE WILL COUNTY DEPARTMENT OF HIGHWAYS A LIST OF MATERIALS USED AND IDENTIFY THEIR ASSOCIATED IDOT CERTIFICATION. SHALL PROVIDE WCDH WITH A COPY OF ALL MATERIAL TESTING COMPANY RESULTS, SHALL SIGN AND PROVIDE WCDH ON A WEEKLY BASIS WEEKLY FIELD REPORTS UTILIZING THE APPROPRIATE IDOT FORM, SHALL SUBMIT TO WCDH A CERTIFICATION LETTER THAT CERTIFIES COMPLIANCE WITH THE PLANS AND SPECIFICATIONS.

RECORD DRAWINGS SHALL BE PREPARED IN ACCORDANCE WITH WCDH REQUIREMENTS AND SHALL BE SUBMITTED IN ELECTRONIC FORMAT.

THE CONTRACTOR SHALL CONSTRUCT ALL COMMERCIAL AND PRIVATE DRIVEWAY RETURNS IN ACCORDANCE WITH THE DETAILS INCLUDED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. BEFORE THE CONTRACTOR CONSTRUCTS ANY DRIVEWAY RETURNS, THE ENGINEER SHALL CHECK WITH THE WILL COUNTY DEPARTMENT OF HIGHWAYS FOR ANY VARIATIONS RESULTING FROM THE ISSUANCE OR CANCELLATION OF ANY PERMITS, OR FROM THE TERMS OF ANY RIGHT-OF-WAY ACQUISITION AGREEMENTS ENTERED INTO SUBSEQUENT TO THE PREPARATION OF THESE PLANS OR THE LETTING OF THE CONTRACT.

THE CONTRACTOR RESPONSIBLE FOR WATER MAIN CONSTRUCTION, SANITARY SEWER CONSTRUCTION AND DRAINAGE IMPROVEMENTS (UNDERGROUND WORK) SHALL DISPOSE OF ALL SURPLUS EXCAVATED MATERIAL FROM TRENCHES OR STRUCTURE EXCAVATIONS. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR UNDERGROUND ITEMS.

THE CONTRACTORS SHALL PROTECT AND RELOCATE EXISTING MAILBOXES WHICH INTERFERE WITH THE WORK IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE POST OFFICE TO COORDINATE MAILBOX RELOCATION.

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE COUNTY, ITS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

ALL TREES ARE DESIGNATED TO BE SAVED UNLESS OTHERWISE NOTED ON THE PLANS.

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

ALL WASTE MATERIAL SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY AT THE CONTRACTOR'S EXPENSE.

ITEMS NOT SPECIFICALLY SHOWN: ALL ITEMS THAT ARE NOT SPECIFICALLY SHOWN ON THE PLANS OR IN THE SUMMARY OF QUANTITIES BUT CAN REASONABLY BE INTERPRETED TO BE INCLUDED IN THE WORK DESCRIBED SHALL BE INCIDENTAL TO THE COST OF THE CONTRACT.

AT THE DIRECTION OF THE ENGINEER, THE CONTRACTOR SHALL COLLECT PUBLIC INFORMATIONAL SIGNS AND POSTS THAT ARE PRESENT WITHIN THE PROJECT LIMITS, NOTIFY WILL COUNTY THAT THE SIGNS AND POST ARE AVAILABLE FOR RETRIEVAL, AND STORE THOSE ITEMS UNTIL THEY ARE PICKED-UP BY THE COUNTY. THE COST OF ALL WORK IS INCIDENTAL TO THE CONTRACT.

TRAFFIC CONTROL AND PROTECTION

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET AND THE APPROPRIATE PERMITS HAVE BEEN OBTAINED FROM WILL COUNTY.

PORTABLE/CHANGEABLE ELECTRONIC MESSAGE BOARDS SHALL BE USED IN ADVANCE OF THE PROJECT ACCORDING TO IDOT STANDARDS AND SHALL BE IN PLACE A MINIMUM OF 2 WEEKS PRIOR TO COMMENCING THE WORK AND REMAIN THROUGHOUT THE ROADWAY CONSTRUCTION WORK.

IDOT TRAFFIC CONTROL STANDARDS LISTED ON THE INDEX OF SHEETS SHALL BE USED AS GUIDES IN IMPLEMENTING THE TRAFFIC CONTROL FOR THIS PROJECT.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES DURING CONSTRUCTION OPERATIONS. THE CONTRACTORS SHALL NOTIFY ALL PROPERTY OWNERS IN ADVANCE OF TEMPORARY ACCESS CLOSURES, IN THE EVENT THAT SUCH TEMPORARY ACCESS CLOSURES ARE REQUIRED DUE TO CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL PROVIDE TEMPORARY PARKING PROVISIONS FOR RESIDENTIAL PROPERTIES THAT ARE IMPACTED WITH TEMPORARY ACCESS CLOSURES.

SPECIAL ATTENTION IS CALLED TO ARTICLES 107.09 AND 70L04 OF THE STANDARD SPECIFICATIONS, RECURRING SPECIAL PROVISIONS, AND SPECIAL PROVISIONS CONTAINED HEREIN, RELATED TO TRAFFIC CONTROL.

STANDARDS: APPLICABLE HIGHWAY STANDARDS ARE INCLUDED IN THE PLANS.

AT THE PRECONSTRUCTION MEETING THE CONTRACTOR SHALL FURNISH THE NAME OF THE INDIVIDUAL IN HIS DIRECT EMPLOY WHO IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE TRAFFIC CONTROL FOR THIS PROJECT. IF THE ACTUAL INSTALLATION AND MAINTENANCE ARE TO BE ACCOMPLISHED BY A SUBCONTRACTOR, CONSENT SHALL BE REQUESTED OF THE ENGINEER AT THE TIME OF THE PRECONSTRUCTION MEETING IN ACCORDANCE WITH ARTICLE 108.01 OF THE STANDARD SPECIFICATIONS. THIS SHALL NOT RELIEVE THE CONTRACTOR OF THE FOREGOING REQUIREMENT FOR A RESPONSIBLE INDIVIDUAL IN HIS DIRECT EMPLOY TO SUPERVISE THIS WORK. THE CONTRACTOR WILL PROVIDE THE NAME OF HIS REPRESENTATIVE WHO WILL BE RESPONSIBLE FOR THE ADMINISTRATION OF THE TRAFFIC CONTROL PLAN.

THE GOVERNING FACTOR IN THE EXECUTION AND STAGING OF THE WORK FOR THIS PROJECT IS TO PROVIDE THE MOTORING PUBLIC WITH THE SAFEST POSSIBLE TRAVEL CONDITIONS ALONG THE ROADWAY THROUGH THIS CONSTRUCTION ZONE. THE CONTRACTOR SHALL SO ARRANGE HIS OPERATION AS TO KEEP THE CLOSING OF ANY LANE OF THE ROADWAY TO A MINIMUM.

ALL TRAFFIC CONTROL DEVICES USED ON THIS PROJECT SHALL CONFORM TO THE PLANS, SPECIAL PROVISIONS, TRAFFIC CONTROL STANDARDS, "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL DEVICES" AND THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS". NO MODIFICATION OF THESE REQUIREMENTS WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LOCATION, INSTALLATION AND ARRANGEMENT OF ALL TRAFFIC CONTROL DEVICES. SPECIAL ATTENTION SHALL BE GIVEN TO ADVANCE WARNING SIGNS DURING CONSTRUCTION OPERATIONS IN ORDER TO KEEP LANE ASSIGNMENT CONSISTENT WITH BARRICADE PLACEMENT AT ALL TIMES. THE CONTRACTOR SHALL COVER ALL TRAFFIC CONTROL DEVICES WHICH ARE INCONSISTENT WITH DETOUR OR LANE ASSIGNMENT PATTERNS DURING THE TRANSITION FROM ONE CONSTRUCTION STAGE TO ANOTHER.

BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED- ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL AND A MINIMUM OF FOUR (4) SAND BAGS FOR EACH TYPE III BARRICADE.

THE CONTRACTOR SHALL ENSURE THAT ALL TRAFFIC CONTROL DEVICES INSTALLED BY HIM ARE OPERATIONAL 24 HOURS A DAY, INCLUDING SUNDAYS AND HOLIDAYS.

THE CONTRACTOR SHALL PROVIDE A MANNED TELEPHONE ON A CONTINUOUS 24-HOUR-A-DAY BASIS TO RECEIVE NOTIFICATION OF ANY DEFICIENCIES REGARDING TRAFFIC CONTROL AND PROTECTION AND SHALL DISPATCH MEN, MATERIALS AND EQUIPMENT TO CORRECT ANY SUCH DEFICIENCIES. THE CONTRACTOR SHALL RESPOND TO ANY CALL FROM THE DEPARTMENT CONCERNING ANY REQUESTS FOR IMPROVING OR CORRECTING TRAFFIC CONTROL DEVICES AND BEGIN MAKING THE REQUESTED REPAIRS WITHIN TWO HOURS FROM THE TIME OF NOTIFICATION.

WHEN TRAVELING IN LANES OPEN TO PUBLIC TRAFFIC, THE CONTRACTOR'S VEHICLES SHALL ALWAYS MOVE WITH AND NOT AGAINST OR ACROSS THE FLOW OF TRAFFIC. THESE VEHICLES SHALL ENTER OR LEAVE WORK AREAS IN A MANNER WHICH WILL NOT BE HAZARDOUS TO OR INTERFERE WITH TRAFFIC AND SHALL NOT PARK OR STOP EXCEPT WITHIN DESIGNATED WORK AREAS. PERSONAL VEHICLES SHALL NOT PARK WITHIN THE RIGHT-OF-WAY EXCEPT IN SPECIFIC AREAS DESIGNATED BY THE ENGINEER.

ANY DROP-OFF GREATER THAN THREE INCHES BUT LESS THAN SIX INCHES WITHIN EIGHT FEET OF THE PAVEMENT EDGE SHALL BE PROTECTED BY TYPE I OR II BARRICADE EQUIPPED WITH MONODIRECTIONAL STEADY BURN LIGHTS AT 100 FOOT CENTER TO CENTER SPACING. IF THE DROP-OFF WITHIN EIGHT FEET OF THE PAVEMENT EDGE EXCEEDS SIX INCHES, THE BARRICADES MENTIONED ABOVE SHALL BE PLACED AT 50 FOOT CENTER TO CENTER SPACING. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TIP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 702001-04. VERTICAL PANELS OR OTHER DELINEATING DEVICES MAY BE SUBSTITUTED FOR TYPE I OR II BARRICADE WITH THE APPROVAL OF THE ENGINEER.

CHECK BARRICADES SHALL BE PLACED IN WORK AREAS PERPENDICULAR TO TRAFFIC EVERY 100 FEET, ONE (1) PER LANE AND SHOULDER TO PREVENT MOTORISTS FROM USING WORK AREAS AS A TRAVEL WAY. ADDITIONAL CHECK BARRICADES SHALL BE PLACED IN ADVANCE OF ANY HAZARD IN THE WORK AREAS WHICH WOULD ENDANGER A MOTORIST. CHECK BARRICADES SHALL BE TYPE I OR II AND EQUIPPED WITH A FLASHING LIGHT.

PLACEMENT OF ALL SIGNS AND BARRICADES SHALL PROCEED IN THE DIRECTION OF FLOW OF TRAFFIC. REMOVAL OF ALL SIGNS AND BARRICADES SHALL START AT THE END OF THE CONSTRUCTION ZONE AND PROCEED TOWARD ONCOMING TRAFFIC UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

DELAYS TO THE CONTRACTOR CAUSED BY COMPLYING WITH THESE REQUIREMENTS WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION PAY ITEM.

THE CONTRACTOR, AT HIS OWN EXPENSE, WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS.

THE LOCATION OF CHANGEABLE MESSAGE SIGNS, AND ANY RELOCATIONS SHALL BE DETERMINED BY THE ENGINEER. ALL RELOCATIONS SHALL BE INCLUDED IN THE COST OF "CHANGEABLE MESSAGE SIGNS".

STORM SEWER AND UTILITIES

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND APPLICABLE ARTICLES INCLUDED IN THE STANDARD SPECIFICATIONS INCLUDING, BUT NOT LIMITED TO, 105.07 AND 107.31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS. SEE SPECIAL PROVISIONS FOR LIST OF CONTACTS AND SCHEDULE.

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

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR STRUCTURES. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. HE SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK SHALL BE IN ACCORDANCE WITH WILL COUNTY AND LOCAL MUNICIPALITY GUIDELINES, AND WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED TO THE CONTRACT.

ALL ABANDON INVERTS SHALL BE PLUGGED WITH BRICK AND CLASS SI CONCRETE TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STORM SEWER BEING REMOVED.

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE AND ADJUSTMENT OF FRAMES ON ALL NEW STRUCTURE TO THE FINAL ELEVATIONS SHALL BE INCLUDED IN THE COST OF THE NEW STRUCTURE.

DRAINAGE STRUCTURES: THE TOP OF ALL PROPOSED MANHOLES, CATCH BASINS, AND INLETS SHALL BE FLUSH WITH THE ADJACENT SURFACE OR AT THE INDICATED ELEVATIONS SHOWN ON THE PLANS. DRAINAGE STRUCTURE RIM ELEVATIONS ADJACENT TO THE CURB LINE ARE THE FLOW-LINE OF THE GUTTER ELEVATION AND OFFSETS TO CURB DRAINAGE STRUCTURES ARE AT THE EDGE OF PAVEMENT, EXCEPT WHERE OTHERWISE INDICATED.

ALL STORM MANHOLE OR CATCH BASIN ADJUSTMENT OF CASTINGS WILL BE MADE WITH PRECAST CONCRETE ADJUSTING RINGS SET IN A FULL BED OF BUTYL ROPE JOINT SEALANT. NO MORE THAN TWO ADJUSTMENT RINGS FOR A MAXIMUM OF 12 INCHES OF ADJUSTING RINGS WILL BE PERMITTED. MANHOLE RISER SECTIONS SHALL BE USED FOR ADJUSTMENTS THAT CANNOT BE COMPLETED WITH ADJUSTMENT RINGS.

ALL DRAINAGE STRUCTURES WILL HAVE POURED INVERTS CONFORMING TO THE SHAPE OF THE PIPE.

"BAND-SEAL" OR SIMILAR COUPLINGS SHALL BE USED WHEN JOINING SEWER PIPES OF DISSIMILAR MATERIALS.

ALL EXISTING FIELD DRAINAGE TILE ENCOUNTERED OR DAMAGED DURING CONSTRUCTION ARE TO BE RESTORED TO THEIR ORIGINAL CONDITION, PROPERLY REROUTED AND/OR CONNECTED TO THE STORM SEWER SYSTEM.

GRANULAR TRENCH BACKFILL SHALL BE USED IN ALL LOCATIONS WHERE THE PROPOSED UNDERGROUND UTILITY IS TO BE CONSTRUCTED UNDER PERMANENT TYPE PAVEMENTS, DRIVEWAYS, OR SIDEWALKS; IN ANY UTILITY TRENCH OVER WHICH ANOTHER UTILITY WILL PASS; OR AS DIRECTED BY THE ENGINEER.

DRAINAGE STRUCTURES AND SYSTEMS CONSTRUCTED AS PART OF THIS PROJECT SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS EXPENSE. NO PAYMENT WILL BE MADE FOR CLEANING STRUCTURE OR SYSTEMS CONSTRUCTED AS PART OF THIS PROJECT.

TRENCH BACKFILL WILL BE PAID FOR IN ACCORDANCE WITH IDOT'S 2012 EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

THE UNDERGROUND CONTRACTOR SHALL BE RESPONSIBLE TO PLACE ON GRADE AND COORDINATE WITH OTHER CONTRACTORS ALL UNDERGROUND STRUCTURE FRAMES SUCH AS CATCH BASINS, INLETS, MANHOLES, HYDRANTS, BUFFALO BOXES, VALVES, ETC. NO ADDITIONAL COMPENSATION WILL BE PAID AND SAID ADJUSTMENTS SHALL BE CONSIDERED INCLUDED IN THE OTHER ITEMS OF CONSTRUCTION.

CONNECTIONS TO EXISTING STORM SEWER STRUCTURES SHALL BE DONE BY CORING THE CONCRETE BARREL SECTION.

STORM SEWER PLACED PRIOR TO SYSTEM COMPLETION MUST BE FUNCTIONAL.

ALL MANHOLES, CATCH BASINS AND INLETS THAT ARE TO BE REMOVED SHALL HAVE THEIR CASTINGS SALVAGED AND STORED UNTIL PICKED UP BY THE WCDH MAINTENANCE DEPARTMENT. THE COSTS FOR SALVAGING AND STORING ARE TO BE INCLUDED UNDER THE REMOVAL PAY ITEMS.

Table with 5 columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: B56, 01-00170-26-TL, WILL, 171, 3

EARTHWORK AND PAVING

THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS AND SHALL NOTIFY THE ENGINEER AT ONCE OF ANY DISCREPANCIES. THE CONTRACTORS SHALL EXAMINE THE DRAINAGE PATTERNS SHOWN ON THE PLANS AND MAKE CERTAIN THAT ALL GUTTER FLAGS AND PAVEMENTS ARE PITCHED PROPERLY TO ACHIEVE THIS DRAINAGE PATTERN.

10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

CURB AND GUTTER JOINTS SHALL BE PLACE ACCORDING TO IDOT STANDARD DRAWING 606001. IN ADDITION, ONE INCH EXPANSION JOINTS SHALL BE PLACED EVERY 150 FEET.

JOINTS FOR THE PROPOSED PCC PAVEMENT SHALL BE ESTABLISHED SUCH THAT NO JOINTED SECTION OF PAVEMENT WILL HAVE ANY WIDTH LESS THAN 2 FEET.

WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 3/4 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 3:1 (H:V).

THE COST OF SAW CUTS FOR REMOVAL ITEMS (SUCH AS PAVEMENT, DRIVEWAY, AND CURB AND GUTTER, ETC.) SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

THE CONTRACTOR SHALL RESTORE DRIVEWAYS AT THE END OF EACH DAY TO ALLOW ACCESS TO ALL ADJACENT PROPERTY OWNERS. TEMPORARY DRIVEWAY AND ROAD ACCESS SHALL BE PAID FOR USING THE PAY ITEM OF "TEMPORARY ACCESS" OF THE TYPE SPECIFIED PER EACH.

WHENEVER CONCRETE MASONRY WALLS, HEADWALLS, OR OTHER OBSTRUCTIONS ARE ENCOUNTERED, THEY SHALL BE REMOVED TO AN ELEVATION 12 INCHES BELOW THE ESTABLISHED GRADE OR SUB-GRADE AS SHOWN ON THE PLANS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EXCAVATION.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURBS, CONCRETE MEDIAN SURFACES, AND CONCRETE ISLAND SURFACES IN ACCORDANCE WITH ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS AND AT THE DIRECTION OF THE ENGINEER.

THE CONTRACTOR WILL BE REQUIRED TO SAWCUT ALL PAVEMENT, SIDEWALK, AND DRIVEWAYS WHICH WILL BE REMOVED WHERE PORTIONS INTERFERE WITH THE CONSTRUCTION WORK, OR FORMING WORK IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.

WHERE THE PROPOSED HMA SURFACE MEETS AN EXISTING SURFACE, THE CONTRACTOR, AS DIRECTED BY THE ENGINEER, WILL CONSTRUCT A BUTT JOINT BY SAWING AND GRINDING THE EXISTING BITUMINOUS SURFACE. THE COST OF THESE BUTT JOINTS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT.

Table with 2 columns: REVISIONS (NAME, DATE) and ILLINOIS DEPARTMENT OF TRANSPORTATION WEBER ROAD AND RENWICK ROAD GENERAL NOTES. Includes SCALE and DRAWN BY CJO, CHECKED BY MFB.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				

WEBER ROAD AT RENWICK ROAD INTERSECTION IMPROVEMENT					UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
SP	SI	CODE NO.	ITEM DESCRIPTION	STA 0003			STP 0003	STA TRAFFIC SIGNALS 0021	TRAINEES 0042	
		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)		UNIT	129		129		
		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)		UNIT	684		684		
		20101000	TEMPORARY FENCE		FOOT	3,296		3,296		
		20101200	TREE ROOT PRUNING		EACH	13		13		
		20200100	EARTH EXCAVATION		CU YD	22,629		22,629		
		20800150	TRENCH BACKFILL		CU YD	9,406	5,936	3,470		
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION		SQ YD	28,097		28,098		
		21101615	TOPSOIL FURNISH AND PLACE, 4"		SQ YD	31,907		31,907		
		25000400	NITROGEN FERTILIZER NUTRIENT		POUND	1,188		1,188		
		25000500	PHOSPHORUS FERTILIZER NUTRIENT		POUND	1,188		1,188		
		25000600	POTASSIUM FERTILIZER NUTRIENT		POUND	1,188		1,188		
		25100630	EROSION CONTROL BLANKET		SQ YD	792		792		
		25200110	SODDING, SALT TOLERANT		SQ YD	38,345		38,345		
		25200200	SUPPLEMENTAL WATERING		UNIT	230		230		
		28000250	TEMPORARY EROSION CONTROL SEEDING		POUND	792		792		
*		28000305	TEMPORARY DITCH CHECKS		FOOT	3,660		3,660		
		28000400	PERIMETER EROSION BARRIER		FOOT	14,729		14,729		
		28000500	INLET AND PIPE PROTECTION		EACH	133		133		
		28100107	STONE RIP RAP, CLASS A4		SQ YD	24		24		
		28200200	FILTER FABRIC		SQ YD	24		24		
		31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"		SQ YD	102		102		
		35102400	AGGREGATE BASE COURSE, TYPE B 12"		SQ YD	1,042		1,042		
*		40600100	BITUMINOUS MATERIALS (PRIME COAT)		GALLON	839		839		
		40600300	AGGREGATE (PRIME COAT)		TON	1		1		
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		SQ YD	142		142		
		40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70		TON	32		32		
		40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50		TON	131		131		
		40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70		TON	56		56		
		42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)		SQ YD	37,437		37,437		
		42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)		SQ YD	32,790	32,790			
		42001300	PROTECTIVE COAT		SQ YD	9,243		9,243		
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH		SQ YD	492		492		
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH		SQ FT	1,366		1,366		
		42400800	DETECTABLE WARNINGS		SQ FT	48		48		
*		44000100	PAVEMENT REMOVAL		SQ YD	58,952	58,952			
		44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"		SQ YD	168		168		
		44000200	DRIVEWAY PAVEMENT REMOVAL		SQ YD	2,037		2,037		
		44000500	COMBINATION CURB AND GUTTER REMOVAL		FOOT	12,230		12,230		
		44000600	SIDEWALK REMOVAL		SQ FT	1,504		1,504		
		44003100	MEDIAN REMOVAL		SQ FT	19,475		19,475		
		48203029	HOT-MIX ASPHALT SHOULDERS, 8"		SQ YD	73		73		
		50105220	PIPE CULVERT REMOVAL		FOOT	982		982		
		542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"		FOOT	46		46		
		54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		EACH	1		1		
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"		EACH	2		2		
		54213666	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"		EACH	1		1		
		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"		EACH	1		1		
		54247100	GRATING FOR CONCRETE FLARED END SECTION 15"		EACH	1		1		

* SPECIAL PROVISION, PLAN NOTE, OR
DETAIL HAS BEEN PROVIDED.
+ SPECIALITY ITEM.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

WEBER ROAD AND RENWICK ROAD
SUMMARY OF QUANTITIES

SCALE:
DATE APRIL, 2011

DRAWN BY CJO
CHECKED BY MFB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				

WEBER ROAD AT RENWICK ROAD INTERSECTION IMPROVEMENT				UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
SP	SI	CODE NO.	ITEM DESCRIPTION			STA 0003	STP 0003	STA TRAFFIC SIGNALS 0021	TRAINEES 0042
		54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	2		2		
		54247120	GRATING FOR CONCRETE FLARED END SECTION 21"	EACH	1		1		
		54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	1		1		
		54248510	CONCRETE COLLAR	CU YD	2		2		
		550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	282		282		
		550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	110		110		
		550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	13		13		
		550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	20		20		
		550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	85		85		
		550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	148		148		
		550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	530		530		
		550A0200	STORM SEWERS, CLASS A, TYPE 1 54"	FOOT	411		411		
		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	2,633		2,633		
		550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	226		226		
		550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	48		48		
		550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	242		242		
		550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	887		887		
		550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	4,312		4,312		
		550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	160		160		
		550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	993		993		
*		550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	74		74		
*		550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	6		6		
*		550A2600	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36"	FOOT	1,636		1,636		
		550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	1,603		1,603		
		550A4700	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	2,121		2,121		
		550A5500	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 42"	FOOT	17		17		
		55100200	STORM SEWER REMOVAL 6"	FOOT	52		52		
		55100500	STORM SEWER REMOVAL 12"	FOOT	881		881		
		55100700	STORM SEWER REMOVAL 15"	FOOT	184		184		
		55100900	STORM SEWER REMOVAL 18"	FOOT	875		875		
		55101200	STORM SEWER REMOVAL 24"	FOOT	587		587		
		60107700	PIPE UNDERDRAINS 6"	FOOT	2,203		2,203		
		60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	193		193		
		60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	3		3		
		60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	107		107		
		60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	6		6		
		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1		
		60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	46		46		
		60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	12		12		
		60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	35		35		
		60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	33		33		
		60500040	REMOVING MANHOLES	EACH	11		11		
		60500050	REMOVING CATCH BASINS	EACH	7		7		
		60500060	REMOVING INLETS	EACH	25		25		
		60600095	CLASS SI CONCRETE (OUTLET)	CU YD	18		18		

* SPECIAL PROVISION, PLAN NOTE, OR
DETAIL HAS BEEN PROVIDED.

+ SPECIALITY ITEM.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

WEBER ROAD AND RENWICK ROAD
SUMMARY OF QUANTITIES

SCALE:
DATE APRIL, 2011

DRAWN BY CJO
CHECKED BY MFB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				

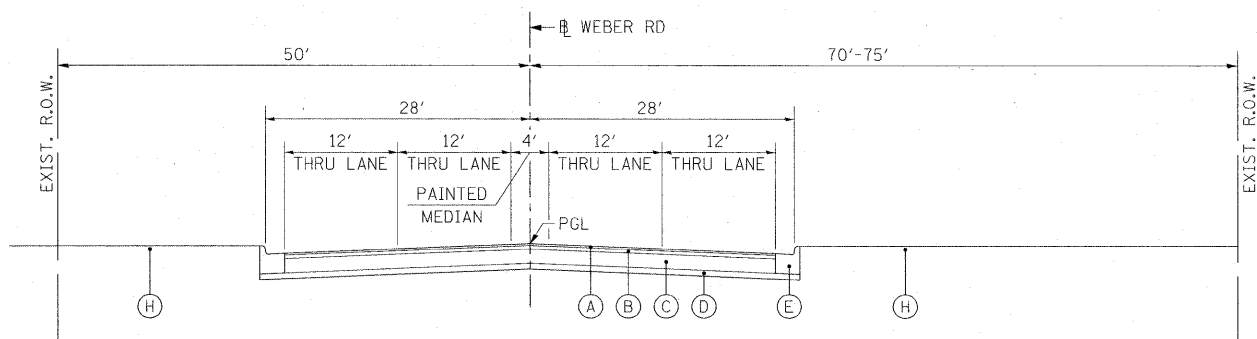
WEBER ROAD AT RENWICK ROAD INTERSECTION IMPROVEMENT						CONSTRUCTION TYPE CODE			
SP	SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STA 0003	STP 0003	STA TRAFFIC SIGNALS 0021	TRAINEES 0042
	+	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,162		150	1,012	
*	+	81400100	HANDHOLE	EACH	14			14	
*	+	81400200	HEAVY-DUTY HANDHOLE	EACH	6			6	
*	+	81400300	DOUBLE HANDHOLE	EACH	3			3	
*	+	81603037	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	4,346		4,346		
	+	81702160	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	280		280		
*	+	82102310	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT	EACH	24		24		
*	+	82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1		1		
	+	83009400	LIGHT POLE, ALUMINUM, 45 FT. M.H., 10 FT. MAST ARM	EACH	20		20		
	+	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	130		130		
	+	83800505	BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EACH	20		20		
	+	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	4		4		
*	+	86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	2			2	
	+	86400100	TRANSCEIVER-FIBER OPTIC	EACH	2			2	
*	+	87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM 12F	FOOT	3,117			3,117	
	+	87300925	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	3,068			3,068	
*	+	87301225	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,609			2,609	
*	+	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	7,673			7,673	
*	+	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,545			1,545	
*	+	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	7,872			7,872	
*	+	87301805	ELECTRICAL CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	95			95	
	+	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,356			1,356	
*	+	87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	4			4	
*	+	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1			1	
*	+	87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1			1	
*	+	87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1			1	
*	+	87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2			2	
*	+	87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1			1	
*	+	87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1			1	
*	+	87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1			1	
*	+	87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1			1	
*	+	87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1			1	
*	+	87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1			1	
*	+	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	20			20	
*	+	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8			8	
*	+	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	54			54	
*	+	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	86			86	
	+	87900200	DRILL EXISTING HANDHOLE	EACH	1			1	
*	+	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	25			25	
*	+	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1			1	
*	+	88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1			1	
*	+	88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST-ARM MOUNTED	EACH	1			1	
*	+	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5			5	
*	+	88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3			3	
*	+	88030330	SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION BRACKET MOUNTED	EACH	1			1	
*	+	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	31			31	
*	+	88500100	INDUCTIVE LOOP DETECTOR	EACH	28			28	

* SPECIAL PROVISION, PLAN NOTE, OR
DETAIL HAS BEEN PROVIDED.

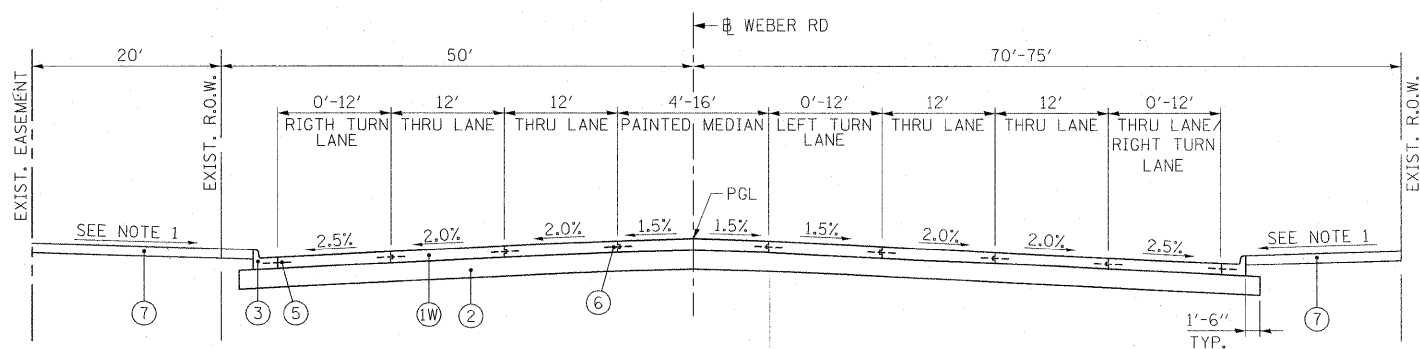
+ SPECIALITY ITEM.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		WEBER ROAD AND RENWICK ROAD SUMMARY OF QUANTITIES
SCALE:	DRAWN BY CJO	CHECKED BY MFB
DATE APRIL, 2011		

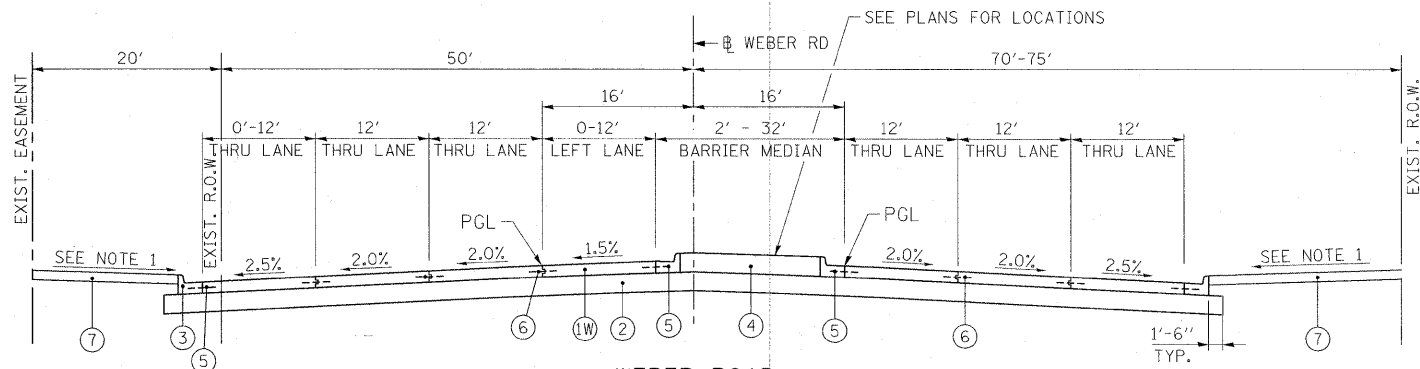
11/1/2011
P:\79766\cadd\drawings\007\Sum01\quant.dgn



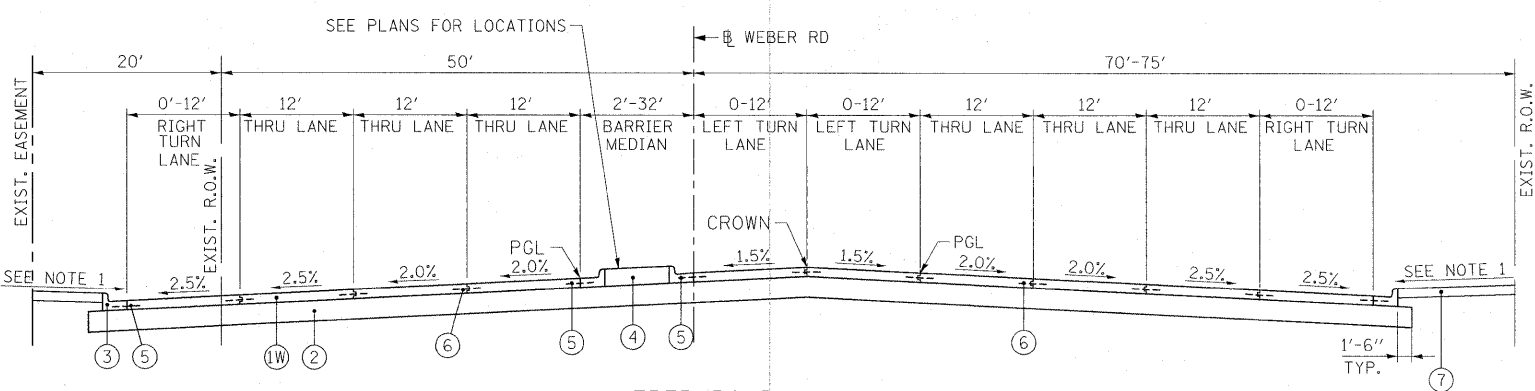
WEBER ROAD
EXISTING TYPICAL SECTION
STA. 31+41.50 TO STA. 66+00



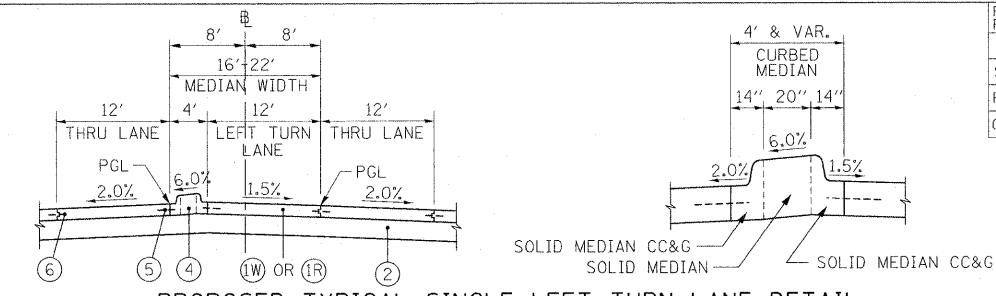
WEBER ROAD
PROPOSED TYPICAL SECTION
STA. 31+41.50 TO STA. 35+92



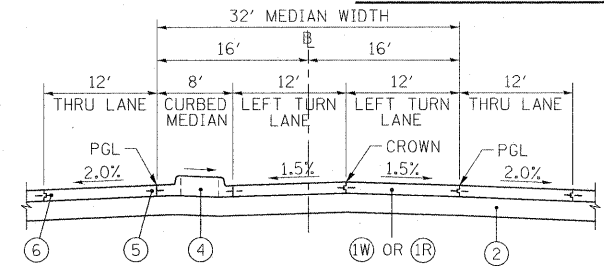
WEBER ROAD
PROPOSED TYPICAL SECTION
STA. 35+92 TO STA. 44+47



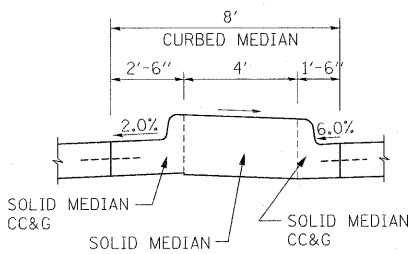
WEBER ROAD
PROPOSED TYPICAL SECTION
STA. 44+47 TO STA. 66+00



PROPOSED TYPICAL SINGLE LEFT TURN LANE DETAIL



PROPOSED TYPICAL DUAL LEFT TURN LANE DETAIL



PROPOSED LANDSCAPED MEDIAN DETAIL
(SEE PLANS FOR LOCATIONS)

- | | | |
|---|--|---------------------------------------|
| EXISTING LEGEND | PROPOSED LEGEND | |
| (A) 1 1/2" HMA SURFACE COURSE | (IR) P.C.C. CONCRETE PAVEMENT 8" (JOINTED) | (9) HMA SHOULDER 8" |
| (B) 1 1/2" HMA BINDER COURSE | (IW) P.C.C. CONCRETE PAVEMENT 9 3/4" (JOINTED) | (10) TOPSOIL FURNISH & PLACE, SPECIAL |
| (C) 10" HMA BASE COURSE | (2) AGGREGATE SUBGRADE, 12" | (11) SODDING, SALT TOLERANT |
| (D) 4" SUB-BASE GRANULAR MATERIAL, TYPE A | (3) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | |
| (E) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | (4) CONCRETE BARRIER MEDIAN | |
| (F) AGGREGATE SHOULDER | (5) #6 EPOXY-COATED REINF. BAR @ 24" C-C, 24" LONG, PER IDOT STANDARD 606001-04 (COST INCLUDED IN COMBINATION CONCRETE CURB & GUTTER) | |
| (G) DRAINAGE DITCH | (6) KEYED LONG. CONST. JOINT WITH #6 EPOXY-COATED REINF. BAR @ 30" C-C, 30" LONG PER IDOT STANDARD 420001-07 (COST INCLUDED IN PCC PAVEMENT) | |
| (H) PARKWAY | (7) TOPSOIL (4") AND SODDING, SALT TOLERANT | |
| | (8) SUB-BASE GRANULAR MATERIAL, TYPE B, 4" | |

HOT-MIX ASPHALT REQUIREMENTS		
ITEM	VOIDS	THICKNESS
FOR TEMPORARY PAVEMENT USE: HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 MM) TEMP PAVEMENT (HMA BINDER COURSE IL-19 MM)	4% @ 70 GYR. 4% @ 70 GYR.	1 3/4 INCHES 4 1/4 INCHES (IN 2 LIFTS)
FOR HMA SHOULDERS USE: HMA SHOULDER (HMA BINDER IL-19 MM)	2% @ 30 GYR.	8 INCHES (IN 3 LIFTS)
FOR INCIDENTAL HMA SURFACING USE: HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 MM)	4% @ 50 GYR.	6 INCHES
FOR RENWICK ROAD USE: HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 MM)	4% @ 70 GYR.	2 INCHES
FOR RYAN DRIVE USE: HMA BINDER COURSE, IL-19.0, HMA SURFACE COURSE, MIX "D", N70 (IL 9.5MM)	4% @ 70 GYR. 4% @ 70 GYR.	2 1/4 INCHES 1 1/2 INCHES
FOR HMA DRIVEWAY USE: HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 MM)	4% @ 50 GYR.	2 1/4 INCHES

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ.YD./IN.
- THE "AC TYPE" SHALL BE "PG64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR "PERCENT OF RAP". SEE DISTRICT ONE SPECIAL PROVISIONS.

NOTES:

1. THE PARKWAY GRADING SHALL MAINTAIN A SLOPE OF 2% TOWARD THE PAVEMENT OR AS SHOWN ON THE CROSS SECTION.
2. POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
3. THE ACTUAL NEED OF GROUND STABILIZATION FABRIC TO ACT AS A SEPARATION BARRIER BETWEEN THE PGES AND THE UNCONTROLLED FILL WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER.

STRUCTURAL PAVEMENT DESIGN DATA

STRUCTURAL DESIGN TRAFFIC:	YEAR 2021	
PV = 29700	SU = 1480	MU = 320
ROAD / STREET CLASSIFICATION:	CLASS 1	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 32	S = 45	M = 45
TRAFFIC FACTOR:	ACTUAL TF = 323	AC TYPE = N/A
	MINIMUM TF = 0.5	
PG GRADE:	BINDER = N/A	SURFACE = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
WEBER ROAD

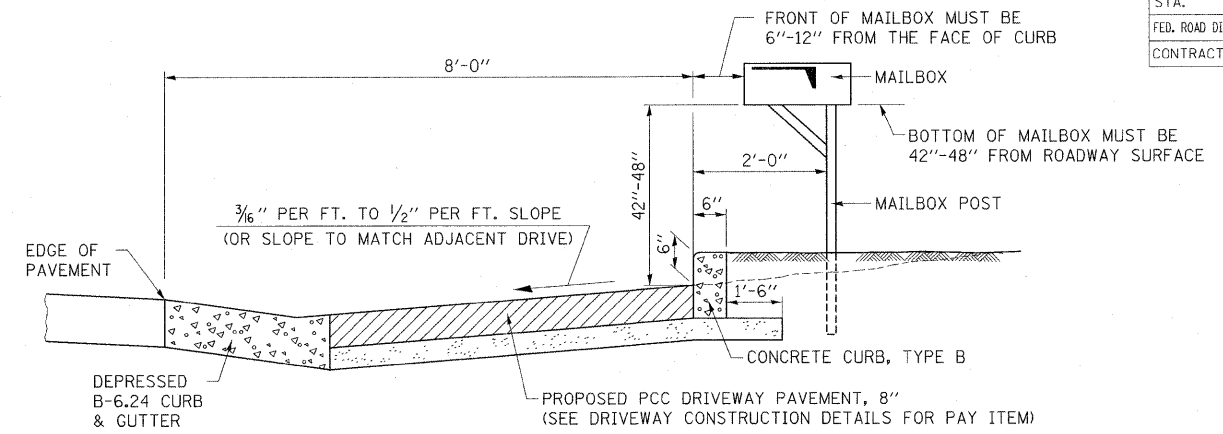
SCALE: NONE
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

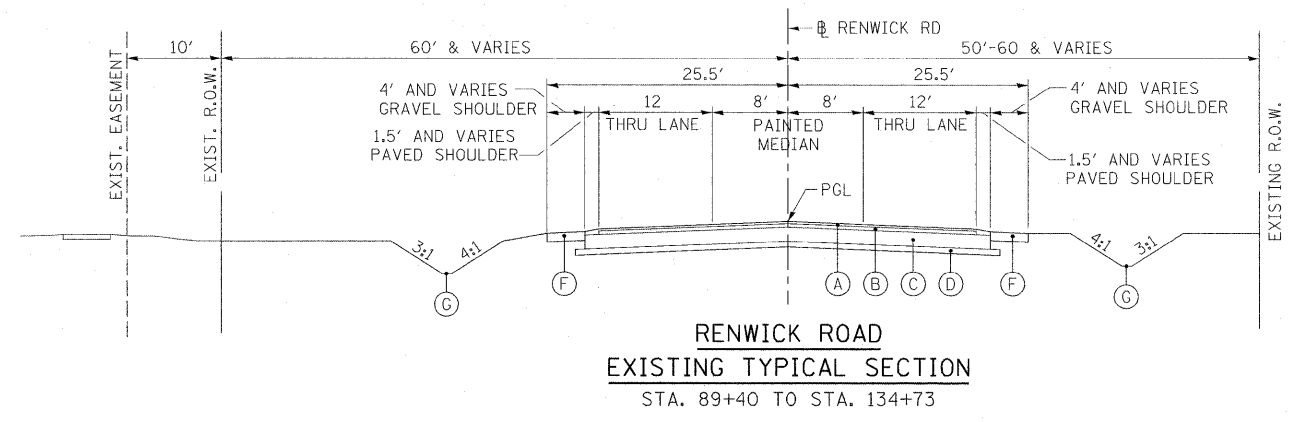
11/1/2011 P:\179766\cadd\drwings\009T\psectweb.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				

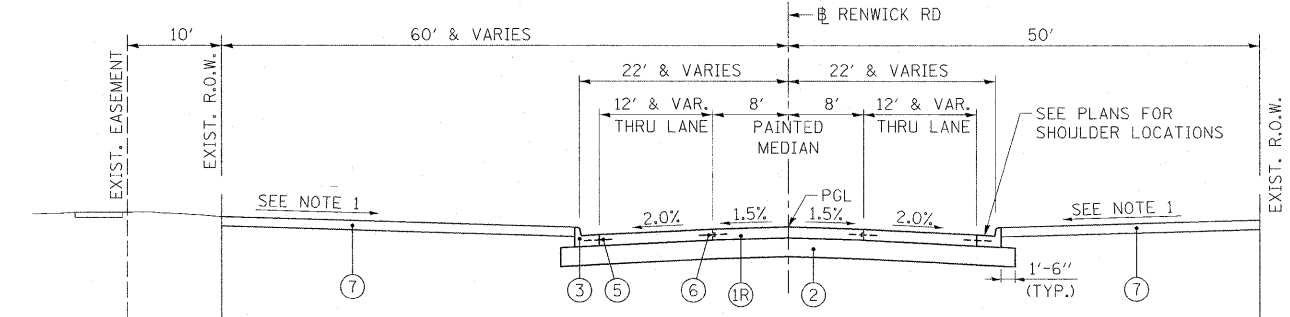
DETAIL OF MAILBOX TURNOUT IN CURB AND GUTTER SECTION



TYPICAL CROSS SECTION
SCALE: NONE

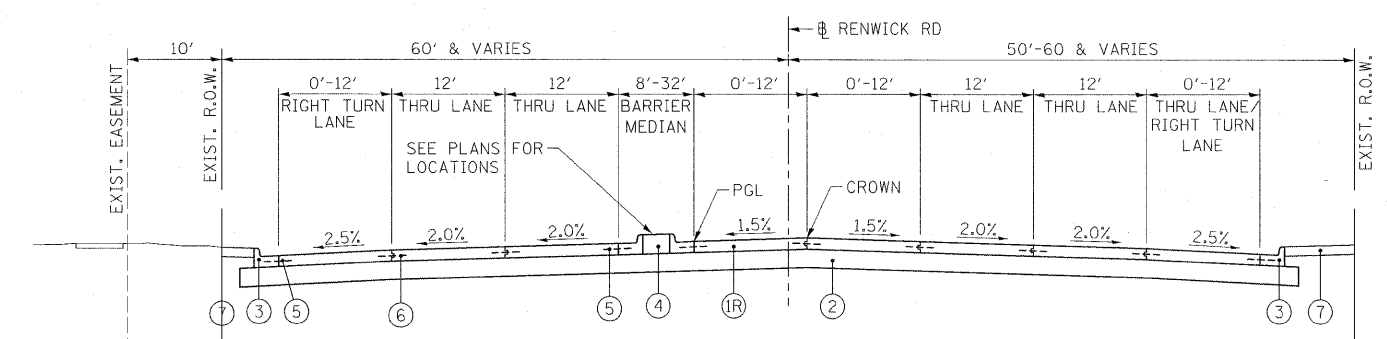


RENNICK ROAD
EXISTING TYPICAL SECTION
STA. 89+40 TO STA. 134+73

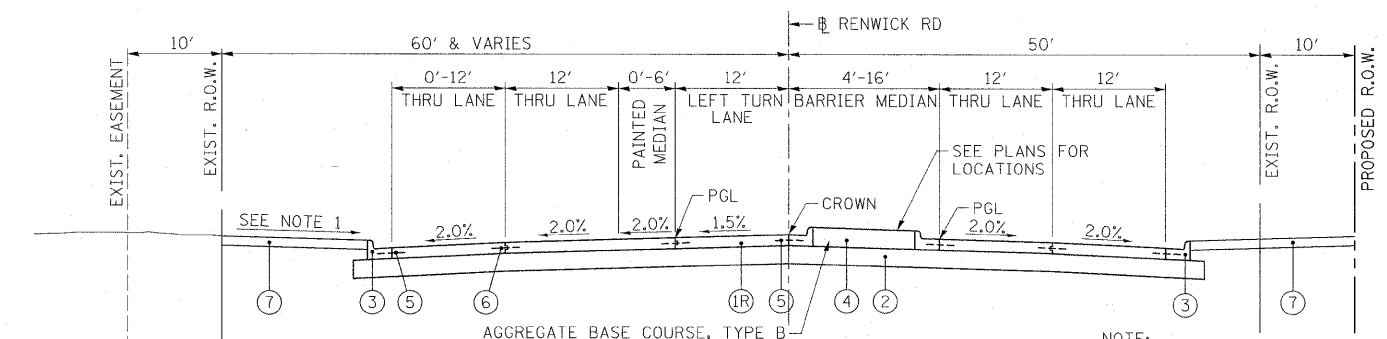


RENNICK ROAD
PROPOSED TYPICAL SECTION
STA. 89+40 TO STA. 104+00

NOTE
1. THE PARKWAY GRADING SHALL MAINTAIN A SLOPE OF 2% TOWARD THE PAVEMENT OR AS SHOWN ON THE CROSS SECTION.



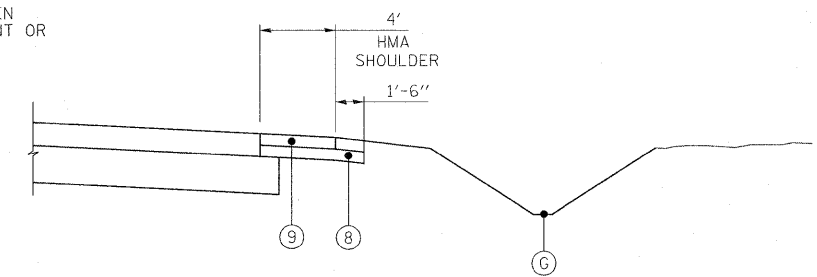
RENNICK ROAD
PROPOSED TYPICAL SECTION
STA. 104+00 TO STA. 125+00



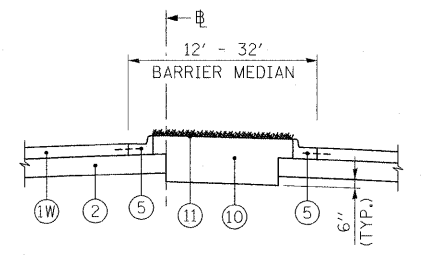
RENNICK ROAD
PROPOSED TYPICAL SECTION
STA. 125+00 TO STA. 134+73

AGGREGATE BASE COURSE, TYPE B TO BE USED AS BACKFILL TO CONCRETE MEDIAN SURFACE, 4" SEE PLANS FOR LOCATIONS

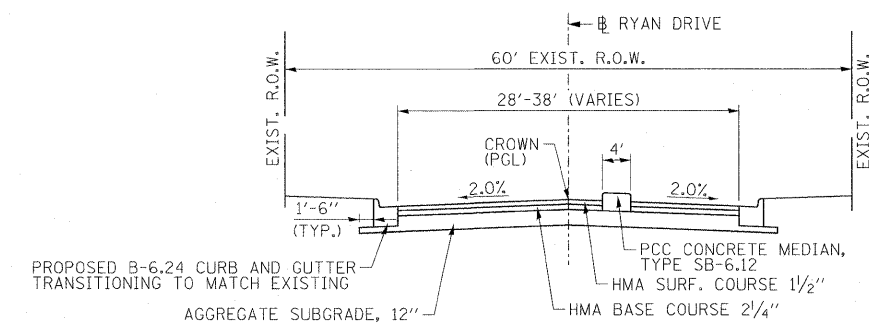
NOTE:
SEE PLANS FOR LOCATIONS OF HMA SURFACE REMOVAL AND PROPOSED HMA SURFACE COURSE.



SHOULDER DETAIL



PROPOSED LANDSCAPED MEDIAN DETAIL
(SEE PLANS FOR LOCATIONS)



DETAIL OF RYAN DRIVE SECTION
STA 39+55.70, 69.25' RT TO 114.30' RT

STRUCTURAL PAVEMENT DESIGN DATA

STRUCTURAL DESIGN TRAFFIC:	YEAR	2021
PV = 17930	SU = 890	MU = 485
ROAD / STREET CLASSIFICATION:	CLASS I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 50	S = 50	M = 50
TRAFFIC FACTOR:	ACTUAL TF = 4.21	AC TYPE = N/A
	MINIMUM TF = 0.5	
PG GRADE:	BINDER = N/A	SURFACE = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
RENNICK ROAD

SCALE: NONE
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

B/22/2011
P:\79766\cadd\drawings\010\typsec\ren.dgn

INDEX OF QUANTITY SCHEDULES		
NUMBER	SCHEDULE	SHEET
1	TREE REMOVAL	11
2	TREE ROOT PRUNING	11
3	TEMPORARY FENCE	11
4	PAVEMENT REMOVAL	11
5	SIDEWALK REMOVAL	11
6	DRIVEWAY PAVEMENT REMOVAL	11
7	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	11
8	MEDIAN REMOVAL	11
9	PROPOSED SIDEWALK	12
10	PROPOSED COMBINATION CONCRETE CURB AND GUTTER	12
11	PROPOSED CONCRETE CURB, TYPE B	12
12	PROPOSED MEDIAN	12
13	PROPOSED PCC DRIVEWAY PAVEMENT, 8"	12
14	PROPOSED HMA DRIVEWAY PAVEMENT, 14/1/4"	12
15	PROPOSED PAVEMENT	13
16	EARTHWORK	13
17	PROPOSED DRAINAGE STRUCTURE	70-74
18	PROPOSED DRAINAGE PIPE	75-79
19	STRUCTURE REMOVAL	80
20	PIPE REMOVAL	80
21	CULVERT REMOVAL	80

PAVEMENT REMOVAL					
BEGIN STA.	END STA.	LENGTH (FT)	AVERAGE WIDTH (FT)	AREA (SQ. FT.)	AREA (SQ. YD.)
Weber Road					
31+41	33+00	159	64	10188	1132
33+00	39+00	600	69	41268	4585
39+00	45+00	600	72	43269	4808
45+00	49+00	400	55	22115	2457
47+45	48+62	117	6	741	82
48+68	49+21	53	5	256	28
47+72	49+00	128	4	489	54
51+00	57+00	600	54	32190	3577
57+00	63+00	600	70	42297	4700
63+00	65+97	297	73	21617	2402
Renwick Road					
89+40	95+00	560	43	23881	2653
95+00	101+00	600	44	26634	2959
101+00	106+00	500	69	34583	3843
106+00	111+00	500	58	29011	3223
111+00	117+00	600	71	42370	4708
115+68	117+32	164	6	1018	113
117+00	123+00	600	40	24181	2687
123+00	129+00	600	51	30307	3367
129+00	133+50	450	43	19388	2154
133+50	134+72	122	37	4519	502
Temporary Pavement Removal				8643	
Pavement Removal Ryan Drive				2459	273
TOTAL PAVEMENT REMOVAL					58952

COMBINATION CONCRETE CURB AND GUTTER REMOVAL				
Begin Station	Offset	End Station	Offset	Length (Feet)
Weber Road				
31+41	32' LT	33+00	32' LT	159
31+41	32' RT	33+00	32' RT	159
33+00	32' LT	39+00	32' LT	600
33+00	32' RT	39+00	49' RT	602
39+00	32' LT	45+00	32' LT	600
39+00	49' RT	39+21	114' RT	73
39+78	114' RT	45+00	32' RT	580
43+92	0 LT/RT	45+00	5' RT	108
43+92	0 LT/RT	45+00	5' LT	108
45+00	32' LT	47+45	78' LT	275
47+87	62' LT	49+00	65' LT	115
47+87	62' LT	49+00	35' LT	126
45+00	32' LT	47+84	6' LT	285
45+00	32' RT	47+84	6' LT	285
45+00	32' RT	47+82	64' RT	300
48+20	68' RT	49+00	32' RT	105
48+20	68' RT	48+56	70' RT	36
51+00	32' LT	57+00	31' LT	600
52+19	3' RT	55+50	2' LT	331
52+19	7' RT	55+50	3' RT	331
51+00	32' RT	57+00	26' RT	600
57+00	31' LT	58+38	70' LT	155
58+68	70' LT	63+00	38' LT	442
57+00	26' RT	63+00	26' RT	600
63+00	38' LT	66+00	38' LT	300
63+00	26' RT	66+00	45' RT	301
Renwick Road				
101+00	36' LT	101+36	106' LT	90
101+62	130' LT	102+00	36' LT	120
101+00	32' RT	101+35	84' RT	67
101+60	84' RT	102+00	33' RT	70
106+44	61.7' LT	106+44	75.1' LT	13
106+83	75.1' LT	106+86	60.0' LT	16
108+58	1' RT	111+00	7' LT	242
108+58	1' RT	111+00	8' RT	243
108+51	45' RT	111+00	24' RT	258
111+32	55' LT	111+32	72' LT	17
111+62	56' LT	111+62	72' LT	16
111+00	7' LT	112+71	7' LT	172
111+00	8' RT	112+71	4' LT	172
111+00	22' RT	112+34	59' RT	155
112+78	60' RT	114+67	100' RT	276
114+29	77' RT	114+34	100' RT	22
115+32	100' RT	115+70	95' RT	305
116+90	31' RT	117+00	54' RT	37
113+97	23' LT	114+69	100' LT	122
115+32	100' LT	116+05	23' LT	123
117+33	3' RT	121+50	1' RT	418
117+33	7' RT	121+50	5' RT	418
117+00	32' RT	117+50	33' RT	54
120+64	34' RT	121+15	60' RT	61
121+47	58' RT	123+00	29' RT	168
123+00	29' RT	125+39	118' RT	298
125+73	94' RT	126+27	26' RT	101
TOTAL COMBINATION CONCRETE CURB AND GUTTER REMOVAL				12230

TEMPORARY FENCE			
FROM STATION	TO STATION	OFFSET	LENGTH (FT)
Weber Road			
31+41	32+40	LT	99
32+69	33+50	LT	81
33+81	34+89	LT	108
35+22	36+27	LT	105
36+61	37+16	LT	55
37+40	38+89	LT	149
39+22	39+58	LT	36
39+90	41+50	LT	160
41+75	42+00	LT	25
42+00	42+77	LT	77
43+09	44+04	LT	95
44+31	45+22	LT	91
45+43	46+80	LT	137
47+03	47+21	LT	18
48+00	49+61	LT	236
47+17	47+67	RT	50
48+34	49+51	RT	165
53+89	54+39	RT	50
55+58	56+08	RT	50
60+00	60+50	RT	50
61+69	62+19	RT	50
Renwick Road			
89+40	89+87	RT	47
90+00	90+50	RT	50
91+70	92+20	RT	50
92+37	92+79	RT	42
93+03	93+53	RT	50
100+33	101+32	LT	158
101+65	102+55	LT	133
107+25	108+20	RT	131
108+51	112+07	RT	380
112+92	114+42	RT	200
115+57	116+35	RT	118
116+93	117+43	RT	50
TOTAL			3296

TREE REMOVAL			
STATION	OFFSET	SIZE 6"-15" (UNIT)	SIZE >15" (UNIT)
Weber Road			
31+52	LT	12	
31+56	LT	15	
32+38	LT	6	
32+77	LT	8	
32+96	LT		16
33+42	LT	12	
33+97	LT		48
34+83	LT	12	
35+59	LT		16
36+16	LT		17
36+68	LT		24
36+84	LT	15	
37+47	LT	12	
37+63	LT	12	
37+93	LT		22
37+93	LT		22
38+25	LT	12	
38+80	LT		22
40+06	LT		18
40+29	LT		20
40+52	LT		16
42+63	LT		18
44+79	LT		26
45+46	LT		42
45+69	LT		22
46+77	LT		18
Renwick Road			
115+80	LT		21
116+36	LT		36
116+78	LT		21
117+12	LT		27
117+45	LT		18
117+58	LT	13	
117+74	LT		23
118+07	LT		25
118+41	LT		24
119+00	LT		19
119+16	LT		15
120+43	LT		24
120+80	LT		37
120+26	LT		27
TOTAL		129	684

TREE ROOT PRUNING		
STATION	OFFSET	QUANTITY (EACH)
Weber Road		
34+43	70 LT	1
34+82	70 LT	1
37+00	70 LT	1
37+47	55 LT	1
40+75	65 LT	1
41+13	70 LT	2
41+32	70 LT	3
43+26	70 LT	1
Renwick Road		
108+75	47 RT	1
115+80	95 LT	1
TOTAL		13

MEDIAN REMOVAL			
Begin Station	End Station	Offset	Area (Sq. Ft.)
Weber Road			
39+50	39+53	66' LT TO 114' LT	144
43+94	45+00	CENTERLINE	654
45+00	49+00	CENTERLINE	2857
47+63	47+67	LT	126
48+63	48+68	LT	35
51+00	55+60	CENTERLINE	3307
58+40	58+70	LT	376
Renwick Road			
101+45	101+49	50' LT TO 82' LT	109
106+40	106+62	28' LT TO 62' LT	356
108+60	111+00	CENTERLINE	2789
111+00	114+60	CENTERLINE	2266
111+40	111+63	29' LT TO 49' LT	259
114+93	114+96	40' RT TO 100' RT	205
115+04	115+07	40' LT TO 100' LT	218
115+41	117+00	CENTERLINE	584
117+00	122+95	CENTERLINE	4700
121+16	121+49	29' RT TO 53' RT	490
TOTAL MEDIAN REMOVAL			19475

DRIVEWAY PAVEMENT REMOVAL					
LOCATION STA.	OFFSET LT/RT	LENGTH (FT)	AVERAGE WIDTH (FT)	AREA (SQ. FT.)	AREA (SQ. YD.)
Weber Road					
32+53	LT	35	20	698	78
33+65	LT	35	20	714	79
35+05	LT	12	28	332	37
36+44	LT	13	30	391	43
37+28	LT	13	20	256	28
39+05	LT	35	22	773	86
39+73	LT	35	22	759	84
41+63	LT	35	17	599	67
42+92	LT	35	20	705	78
44+17	LT	35	19	670	74
45+33	LT	16	14	230	26
46+91	LT	17	18	304	34
47+63	LT	36	47	1707	190
47+30	RT	12	22	258	29
47+98	RT	32	46	1472	164
61+13	RT	19	19	364	40
62+72	RT	19	19	367	41
Renwick Road					
89+93	RT	29	19	541	60
92+31	RT	25	15	372	41
92+89	RT	25	27	664	74
112+51	RT	35	43	1489	165
116+64	RT	29	49	1430	159
117+00	LT	26	20	517	57
118+24	LT	42	15	646	72
120+56	LT	16	10	164	18
120+56	LT	26	17	433	48
128+11	LT	20	20	394	44
128+42	LT	23	14	313	35
128+44	RT	17	15	255	28
134+05	LT	33	16	518	58
TOTAL DRIVEWAY PAVEMENT REMOVAL					2037

SIDEWALK REMOVAL		
STA. TO STA	OFFSET	AREA (SQ FT)
Weber Road		
58+17 TO 58+37	71/76 LT	96
58+67 TO 61+00	71/76 LT	1162
Renwick Road		
101+18 TO 101+32	90/96 LT	78
101+61 TO 101+76	90/120 LT	168
TOTAL SIDEWALK REMOVAL		1604

REVISIONS	
NAME	DATE

8/22/2011 P:\79766\cadd\drawings\011\Sched_01.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				

PROPOSED COMBINATION CONCRETE CURB AND GUTTER					
FROM STA.	OFFSET	TO STA.	OFFSET	TYPE B-6.12 (FT)	TYPE B-6.24 (FT)
Weber Road					
31+42	32.0' LT	33+00	35.5' LT		158
31+42	32.0' RT	33+00	35.5' RT		158
33+00	35.5' LT	39+00	45.0' LT		600
36+76	7.9' LT	38+70	3.0' LT		195
36+76	4.2' RT	38+70	9.0' RT		195
33+00	35.5' RT	39+00	54.3' RT		601
39+00	45.0' LT	45+00	52.0' LT		600
39+00	54.3' RT	39+21	114.3' RT		68
39+78	114.3' RT	45+00	52.0' RT		567
41+35	0' RT/LT	45+00	13.4' LT		366
41+35	12.0' RT	45+00	5.7' RT		366
45+00	52.0' LT	49+00	52.0' LT		400
45+00	52.0' RT	49+00	52.8' RT		400
45+00	13.5' LT	48+90	13.5' LT		391
45+00	5.7' RT	46+78	8.0' RT		179
46+78	8.0' LT	48+90	8.0' LT	213	
47+22	54.0' LT	47+45	77.6' LT		35
47+87	69.0' LT	47+93	54.0' LT		27
47+93	54.0' LT	49+00	54.0' LT		114
47+65	54.5' RT	47+80	71.2' RT		30
48+21	68.0' RT	48+33	54.5' RT		28
48+21	68.0' RT	49+00	68.0' RT		79
51+00	67.9' LT	57+00	52.1' LT		601
51+00	56.6' RT	54+65	72.4' RT		368
55+29	72.7' RT	57+00	52.0' RT		175
51+22	8.0' RT	53+49	8.0' RT	228	
51+22	16.0' RT	57+00	13.5' RT		579
53+49	8.0' RT	57+00	13.6' LT		352
57+00	51.9' LT	58+38	97.8' LT		164
58+66	102.5' LT	63+00	52.0' LT		452
57+00	52.0' RT	60+78	72.3' RT		380
61+51	72.3' RT	63+00	60.0' RT		152
57+00	13.5' RT	63+00	7.5' LT		600
57+00	13.5' LT	63+00	13.5' LT		600
63+00	52.0' LT	66+00	52.0' LT		301
63+00	13.5' LT	65+45	13.5' LT		245
63+00	7.5' LT	63+32	9.5' LT		33
63+32	9.5' LT	65+45	9.5' LT		213
63+00	60.0' RT	66+00	69.1' RT		300
Renwick Road					
89+65	21.8' LT	95+00	33.7' LT		535
91+25	22.0' RT	95+00	30.4' RT		375
95+00	33.7' LT	101+00	48.8' LT		600
95+00	30.4' RT	101+00	35.2' RT		600
101+00	48.8' LT	101+35	127.8' LT		93
101+00	35.2' RT	101+34	78.1' RT		58
101+62	125.8' LT	106+00	48.8' LT		483
101+59	78.1' RT	106+00	34.0' RT		462
106+00	48.8' LT	106+45	75.1' LT		56
106+81	75.1' LT	111+00	46.0' LT		425
106+00	34.0' RT	108+26	92.2' RT		259
108+26	92.2' RT	108+26	106.5' RT	27	
108+47	118.8' RT	108+47	83.6' RT	37	
108+47	86.6' RT	111+00	34.0' RT		278
106+34	4.4' LT	111+00	19.5' LT		472
106+34	2.5' RT	111+00	10.7' LT		468
111+00	46.0' LT	111+34	72.6' LT		47
111+62	71.4' LT	114+32	100.0' LT		292
115+56	100.0' LT	117+00	58.0' LT		159
111+00	34.0' RT	114+47	100' RT		384
111+00	19.5' LT	113+81	19.5' LT		280
111+00	10.5' LT	111+64	14' LT		64
111+64	14' LT	113+81	14' LT	217	
112+07	34.0' RT	112+34	59.2' RT		40
112+78	60' RT	112+93	34.0' RT		40
114+29	77' RT	114+29	100' RT	22	

PROPOSED COMBINATION CONCRETE CURB AND GUTTER					
FROM STA.	OFFSET	TO STA.	OFFSET	TYPE B-6.12 (FT)	TYPE B-6.24 (FT)
115+53	100' RT	117+00	46.0' RT		174
115+71	100' RT	116+43	61.8' RT	98	
116+20	3.5' RT	117+00	3.5' RT	80	
116+20	7.5' RT	117+00	7.5' RT		80
116+29	48.5' RT	116+43	60.9' RT		27
116+85	60.9' RT	116+99	48.5' RT		24
117+00	58.0' LT	123+00	43.0' LT		600
117+00	46.0' RT	121+15	58.4' RT		419
117+00	2.0' RT	118+35	2.0' RT	135	
118+35	2.0' RT	123+00	16.2' LT		466
117+00	7.5' RT	123+00	7.5' RT		600
121+47	58.3' RT	123+00	46.0' RT		157
123+00	43.0' LT	129+00	29.4' LT		600
123+00	16.2' LT	124+91	0' RT/LT		194
123+00	7.5' RT	124+91	7.5' RT		192
123+00	46.0' RT	125+39	117' RT		286
125+73	93' RT	129+00	34.0' RT		363
129+00	30.0' LT	133+50	19.3' LT		450
129+00	34.0' RT	133+50	34.0' RT		450
129+60	0.9' LT	133+50	2.9' LT		390
129+60	10.0' RT	133+50	10.0' RT		390
133+50	19.3' LT	134+26	18.2' LT		76
133+50	2.9' LT	134+55	0' RT/LT		105
133+50	10.0' RT	134+55	10.0' RT		105
133+50	34.0' RT	134+26	34.0' RT		76
TOTAL				1057	23766

PROPOSED HMA DRIVEWAY PAVEMENT, 14 1/4"				
LOCATION STA.	OFFSET	AGGREGATE BASE COURSE, TYPE B 12" (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (TON)	BITUMINOUS MATERIALS (PRIME COAT) ** (GALLON)
WEBER ROAD				
32+53	LT	66	8	33
33+65	LT	68	9	34
35+05	LT	71	9	36
36+43	LT	68	9	34
37+28	LT	41	5	20
39+05	LT	89	11	45
39+74	LT	85	11	43
41+63	LT	37	5	18
42+92	LT	45	6	23
45+32	LT	23	3	12
46+91	LT	27	3	14
61+13	RT	38	5	19
62+72	RT	28	3	14
RENWICK ROAD				
89+93	RT	41	5	21
92+31	RT	34	4	17
92+89	RT	46	6	23
128+11	LT	48	6	24
128+42	LT	49	6	24
128+42	RT	34	4	17
134+04	LT	45	6	23
RANKIN DRIVE				
		58	7	29
Total		1042	131	521

Tonnage was calculated by multiplying SQ YD by thickness by 112 lbs/SQ YD/in and then dividing by 2000.
 Bit. Materials (Prime Coat) for HMA Driveways shall be applied @ 0.5 gal/ sq yd.
 ** Bituminous Materials (Prime Coat) quantities for Driveways included on Proposed Pavement Schedule, Sheet 13.

PROPOSED CONCRETE CURB, TYPE B			
Renwick Road			
Begin Station	End Station	Offset	Length (ft)
89+72	90+42	LT	72
117+25	117+95	RT	72
TOTAL CONCRETE CURB, TYPE B			144

PROPOSED SIDEWALK		
STA. TO STA.	OFFSET	AREA (SQ FT)
Weber Road		
58+17 TO 58+32	71/76 LT	66
58+85 TO 61+00	71/76 LT	1054
Renwick Road		
101+18 TO 101+32	90/96 LT	78
101+68 TO 101+81	90/120 LT	168
TOTAL PROPOSED SIDEWALK		1366

PROPOSED PCC DRIVEWAY PAVEMENT, 8"		
LOCATION STA.	OFFSET	SURFACE AREA (SQ. YD.)
WEBER ROAD		
44+17	LT	34
47+63	LT	121
47+98	RT	74
RENWICK ROAD		
112+51	RT	111
116+64	RT	57
MAILBOX TURNOUTS		
89+72 TO 90+42	LT	28
117+25 TO 117+95	RT	28
RANKIN DRIVE		
	LT	39
Total		492

PROPOSED MEDIAN							
FROM STA	OFFSET	TO STA	OFFSET	TYPE SB-6.12 (SQ FT)	TYPE SB-6.24 (SQ FT)	CONCRETE BARRIER MEDIAN (SQ FT)	CORRUGATED MEDIAN (SQ FT)
Weber Road							
34+42	CENTERLINE	37+00	CENTERLINE				1316
35+71	CENTERLINE	36+76	CENTERLINE		737		
38+70	CENTERLINE	38+97	CENTERLINE		218		
40+05	CENTERLINE	41+34	CENTERLINE		1156		
46+34	CENTERLINE	48+90	CENTERLINE			1075	
48+90	CENTERLINE	49+00	CENTERLINE		73		
51+00	CENTERLINE	51+22	CENTERLINE		161		
51+21	CENTERLINE	53+93	CENTERLINE			1132	
62+88	CENTERLINE	63+00	CENTERLINE			77	
63+00	CENTERLINE	65+45	CENTERLINE			1001	
65+45	CENTERLINE	65+83	CENTERLINE		227		
Renwick Road							
104+28	CENTERLINE	106+00	CENTERLINE				1359
105+83	CENTERLINE	106+33	CENTERLINE		353		
106+33	CENTERLINE	106+57	CENTERLINE				317
111+20	CENTERLINE	113+81	CENTERLINE			1092	
113+81	CENTERLINE	114+10	CENTERLINE		205		
115+08	CENTERLINE	115+13	CENTERLINE		18		
114+83	CENTERLINE	114+91	CENTERLINE		106		
116+00	CENTERLINE	116+20	CENTERLINE		205		
116+20	CENTERLINE	117+00	CENTERLINE			315	
117+00	CENTERLINE	118+79	CENTERLINE			765	
124+91	CENTERLINE	125+05	CENTERLINE		106		
125+97	CENTERLINE	129+00	CENTERLINE	1244			
129+00	CENTERLINE	129+60	CENTERLINE	559			
134+55	CENTERLINE	134+72	CENTERLINE		149		
Ryan Drive							
39+49	66.0' RT	39+54	114.2' RT	213			
TOTAL				2016	3714	5457	2992

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE

DATE: APRIL, 2011

DRAWN BY: PHP

CHECKED BY: MFB

PROPOSED PAVEMENT												
LOCATION STA. TO STA.	LENGTH (FT)	AVERAGE WIDTH (FT)	SURFACE AREA (SQ. YD)	AGGREGATE SUBGRADE, 12" (SQ YD)	SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (SQ YD)	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) (SQ YD)	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED) (SQ YD)	HMA BINDER COURSE, IL-19.0, N70 (TON)	HMA SURFACE COURSE, MIX "D", N70 (TON)	HOT-MIX ASPHALT SHOULDERS, 8" (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (GALLON)	AGGREGATE (PRIME COAT) (TON)
PAY ITEM NO.				Z0001050	31101200	42000301	42000416	40603085	40603340	48203029	40600100	40600300
PROPOSED PAVEMENT												
WEBER ROAD												
31+41.50 TO 33+00	158.5	67.5	1190	1331			1190					
33+00 TO 39+00	600	83.4	5562	5869			4952					
39+00 TO 45+00	600	101.8	6785	6724			5802					
45+00 TO 49+00	400	104.0	4622	4937			4107					
51+00 TO 57+00	600	119.0	7935	7801			6819					
57+00 TO 63+00	600	122.7	8181	7237			6319					
63+00 TO 66+00	300	115.5	3849	4116			3600					
RENWICK ROAD												
89+39 TO 95+00	561	52.0	3240	3645		3240						
95+00 TO 101+00	600	73.9	4923	5457		4923						
101+00 TO 106+00	500	98.5	5474	5961		5317						
106+00 TO 111+00	500	96.8	5380	4778		3957						
111+00 TO 117+00	600	120.9	8057	8622		7670						
117+00 TO 123+00	600	99.3	6620	6199		5226						
123+00 TO 129+00	600	79.5	5300	5441		4608						
129+00 TO 133+50	450	58.4	2920	2896		2176						
133+50 TO 134+26	76	52.4	442	414		320						
134+26 TO 134+73	47	52.3	273					35		155.0	0.31	
RYAN DRIVE												
39+16 TO 39+85	45	55.4	277	317				32	21		126.5	0.25
PROPOSED SHOULDERS												
RENWICK ROAD												
89+40 TO 89+46	47	3.8	19.7		27.5					19.7	9.8	0.02
90+00 TO 91+00	100	3.9	43.3		60.0					43.3	21.7	0.04
134+51 TO 134+73	22	4.1	10.0		13.7					10.0	5.0	0.01
DRIVEWAYS **												
TOTAL				81745	102	37437	32790	32	56	73	839	0.64

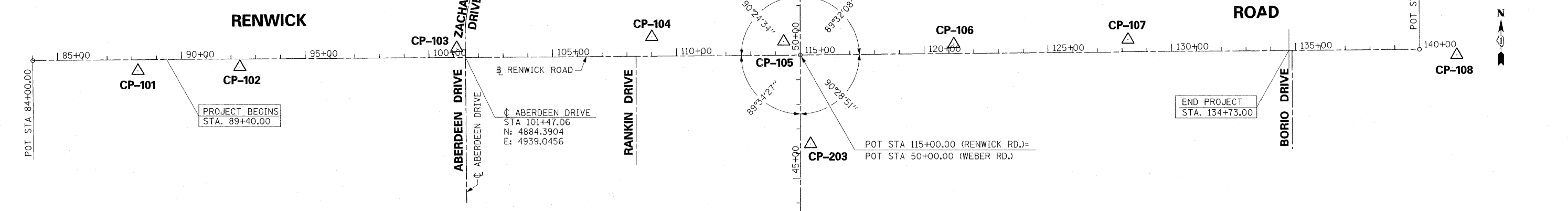
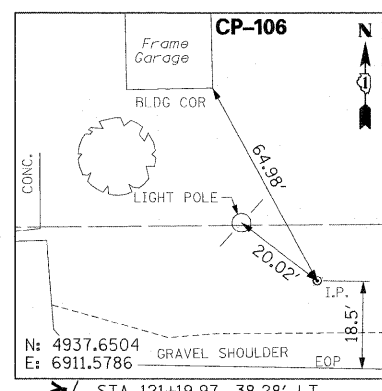
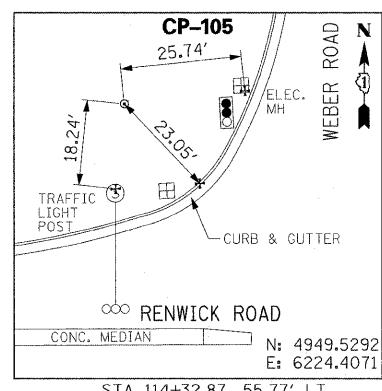
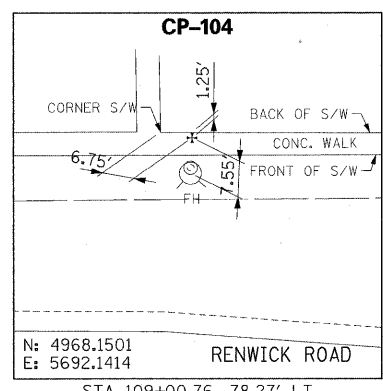
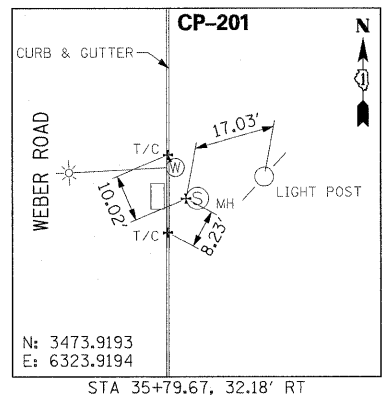
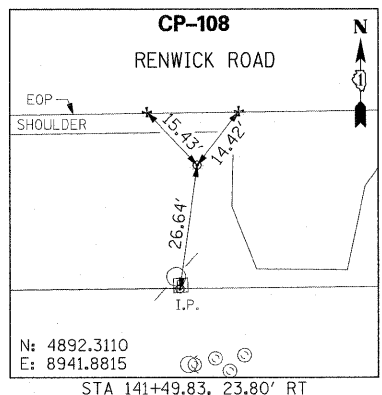
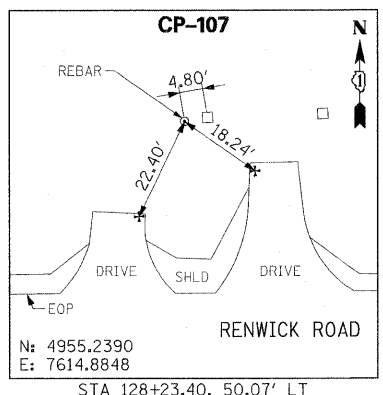
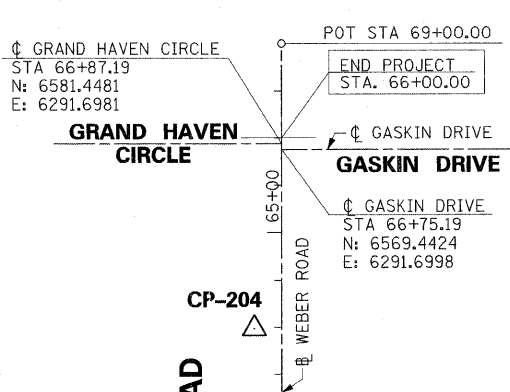
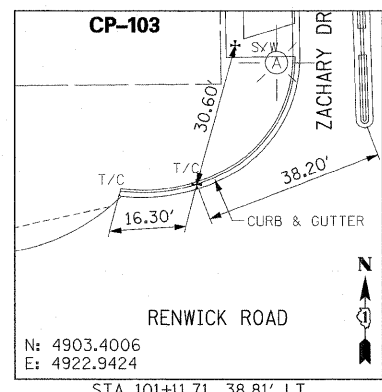
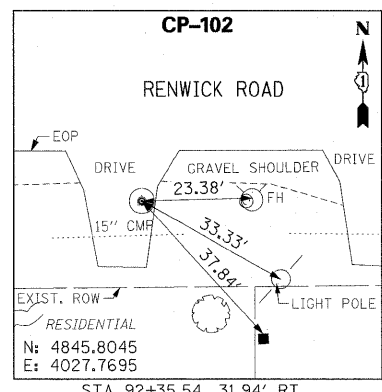
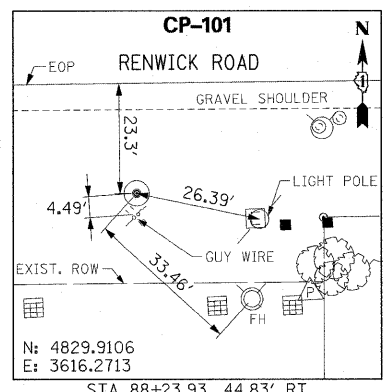
* Tonnage was calculated by multiplying SQ YD by thickness by 112 lbs/SQ YD/in and then dividing by 2000
* Aggregate (Prime Coat) Applied @ 2 LB/ sq yd. Conversion of 2000 LB/ TON.
* Bit. Materials (Prime Coat) for Bit. Surfaces and HMA Pavements related to roadway resurfacing shall be applied @ 0.5 gal/ sq yd.
** Bituminous Materials (Prime Coat) quantities for Driveways included in the HMA Driveway Pavement, 14 1/4" schedule, Sheet 12.

EARTHWORK - WEBER - RENWICK					
AREA LOCATION	EARTH EXCAVATION	EARTH EXCAVATION Adjusted*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE(-)	EARTH EXCAVATION, FURNISHED
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
WEBER ROAD	9080.0	7718	3733	4688	0
RENWICK ROAD	13549.0	11517	10119.0	1644	0
TOTAL VOLUMES	22629	19235	13852	6333	0
* Adjusted 85% Shrinkage Factor = 15 %					
TOTAL EARTH EXCAVATION (CU.YD.):					22629
TOTAL EMBANKMENT (CU.YD.):					13852
TOTAL EARTH EXCAVATION FURNISHED (CU.YD.):					0
EXCESS OF EARTH (WASTE) (CU.YD.):					6333
TOPSOIL REMOVAL (CU.YD.):					16288

REVISIONS	
NAME	DATE

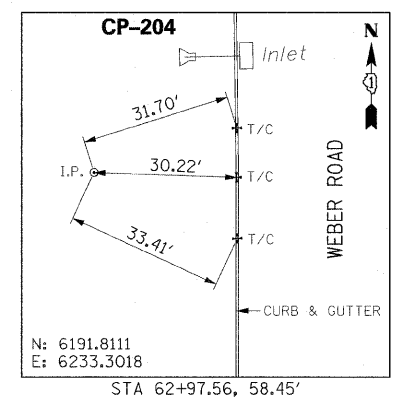
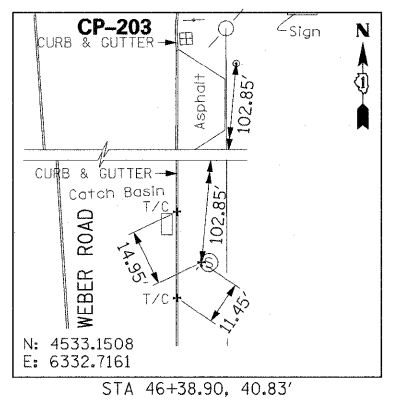
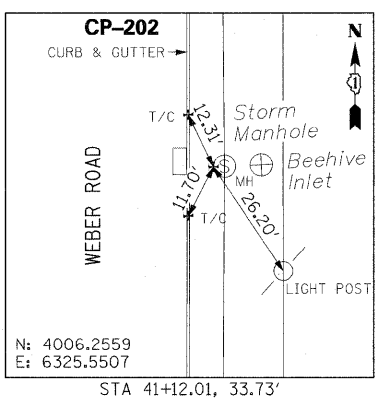
ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



- BENCHMARKS**
- BENCHMARK No. 2: STA. 41+12, 35' RT. "x" Set In West Edge of Storm Manhole Rim. Elevation = 643.78
 - BENCHMARK No. 3: STA. 46+39, 42' RT. "x" Set In West Edge of Storm Manhole Rim. Elevation = 649.86
 - BENCHMARK No. 3A: STA. 45+82, 85' RT. Northwest Top Bolt on Hydrant. Elevation = 651.19
 - BENCHMARK No. 4: STA. 48+68, 59' LT. Square cut in Northeast Corner of Concrete Pad. Elevation = 654.88
 - BENCHMARK No. 5: STA. 107+97, 48' RT. Nail set in North face of Wood Service Pole 2 feet above grade. Elevation = 649.40
 - BENCHMARK No. 6: STA. 101+71, 48' RT. RR Spike in North face of Wood Service Pole. Elevation = 643.97
 - BENCHMARK No. 7: STA. 92+65, 58' RT. Square cut in Northeast corner of Ameritech Circuit Station No. 21120R. Elevation = 638.43
 - BENCHMARK No. 8: STA. 88+48, 67' RT. Southeast Flange Bolt on Hydrant. Elevation = 633.99
 - BENCHMARK No. 9: STA. 122+42, 60' RT. East Northeast Flange Bolt on Hydrant. Elevation = 650.42
 - BENCHMARK No. 10: STA. 127+18, 47' RT. RR Spike in North Face of Wood Service Pole. Elevation = 647.30
 - BENCHMARK No. 11: STA. 131+22, 47' RT. RR Spike in North Face of Wood Service Pole. Elevation = 648.63
 - BENCHMARK No. 12: STA. 135+21, 47' RT. RR Spike in North Face of Wood Service Pole. Elevation = 644.74
 - BENCHMARK No. 13: STA. 145+71, 58' LT. Southwest Corner of Brick Yard Light. Elevation = 652.91
 - BENCHMARK No. 14: STA. 57+48, 49' RT. RR Spike in West Face of Wood Service Pole. Elevation = 648.67
 - BENCHMARK No. 15: STA. 61+40, 48' RT. RR Spike in West Face of Wood Service Pole. Elevation = 647.04
 - BENCHMARK No. 16: STA. 63+22, 28.5' RT. "x" cut in T/C at Inlet. Elevation = 646.34

ALL ELEVATIONS ARE BASED ON NGVD1929.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**WEBER ROAD & RENWICK ROAD
ALIGNMENT, TIES & BENCHMARKS**

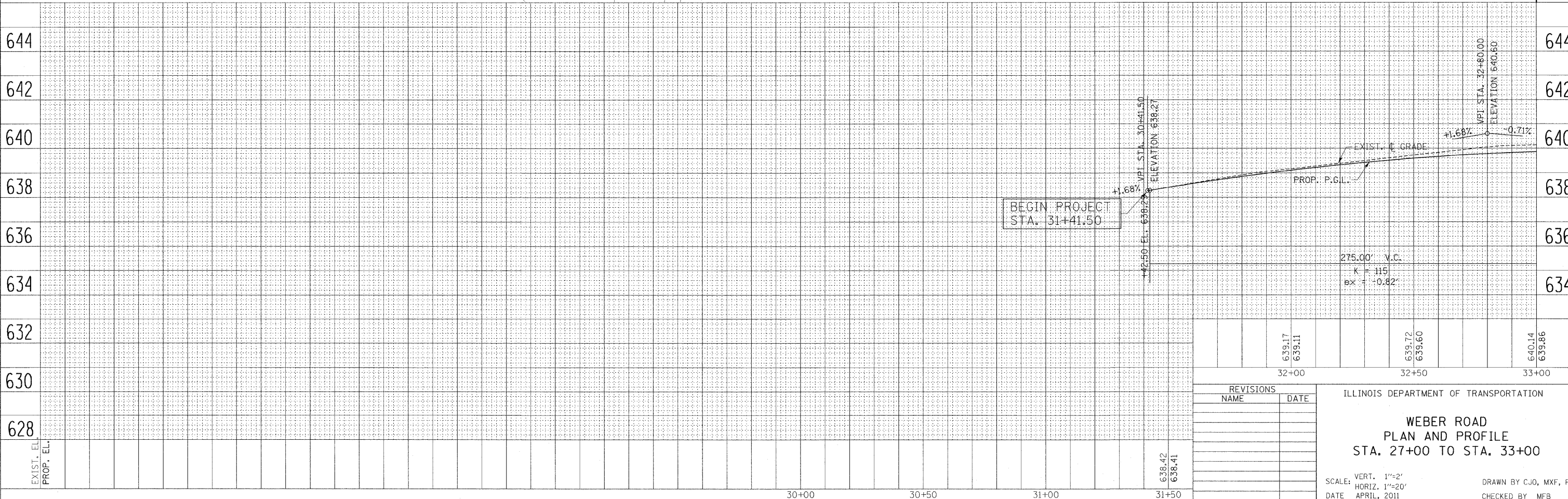
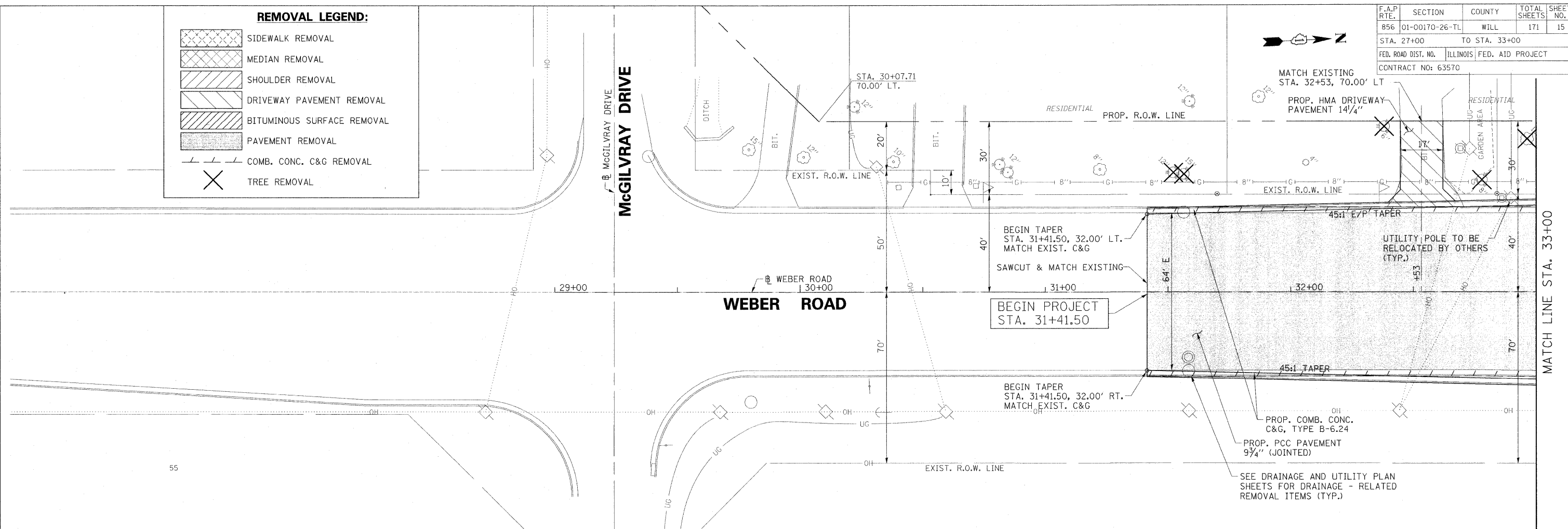
SCALE: 1" = 200'
DATE: APRIL, 2011
DRAWN BY: CO
CHECKED BY: MFB

8/22/2011 P:\79766\cadd\drawings\014141\ign\1ies.dgn

REMOVAL LEGEND:

- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- BITUMINOUS SURFACE REMOVAL
- PAVEMENT REMOVAL
- COMB. CONC. C&G REMOVAL
- TREE REMOVAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	15
STA. 27+00		TO STA. 33+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



STATION	EXIST. ELEV.	PROP. ELEV.
32+00	639.17	639.11
32+50	639.72	639.60
33+00	640.14	639.86

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

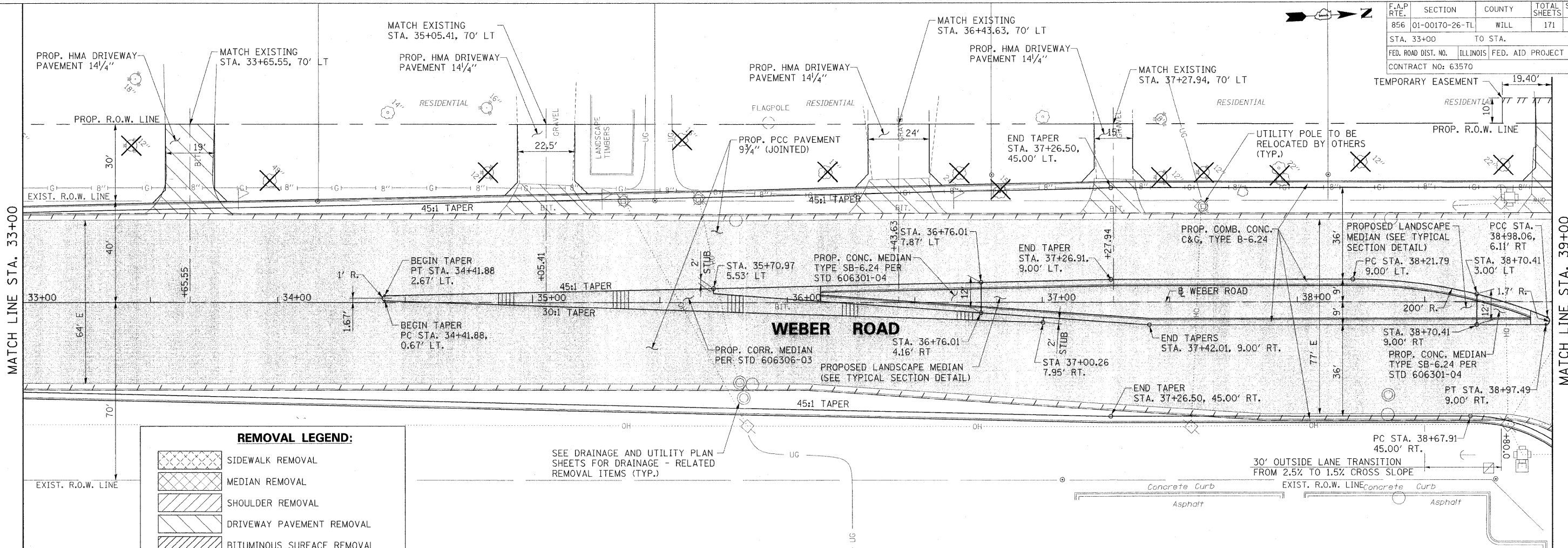
**WEBER ROAD
PLAN AND PROFILE
STA. 27+00 TO STA. 33+00**

SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

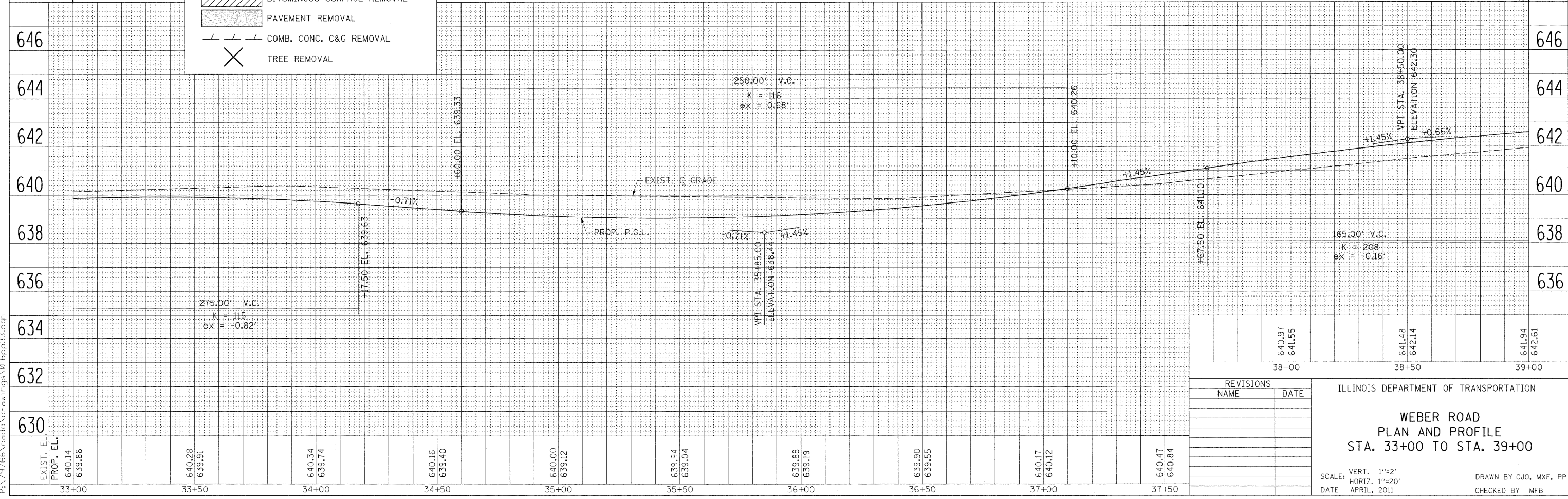
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	16
STA. 33+00		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO: 63570				



REMOVAL LEGEND:

- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- BITUMINOUS SURFACE REMOVAL
- PAVEMENT REMOVAL
- COMB. CONC. C&G REMOVAL
- TREE REMOVAL

SEE DRAINAGE AND UTILITY PLAN SHEETS FOR DRAINAGE - RELATED REMOVAL ITEMS (TYP.)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

WEBER ROAD
PLAN AND PROFILE
STA. 33+00 TO STA. 39+00

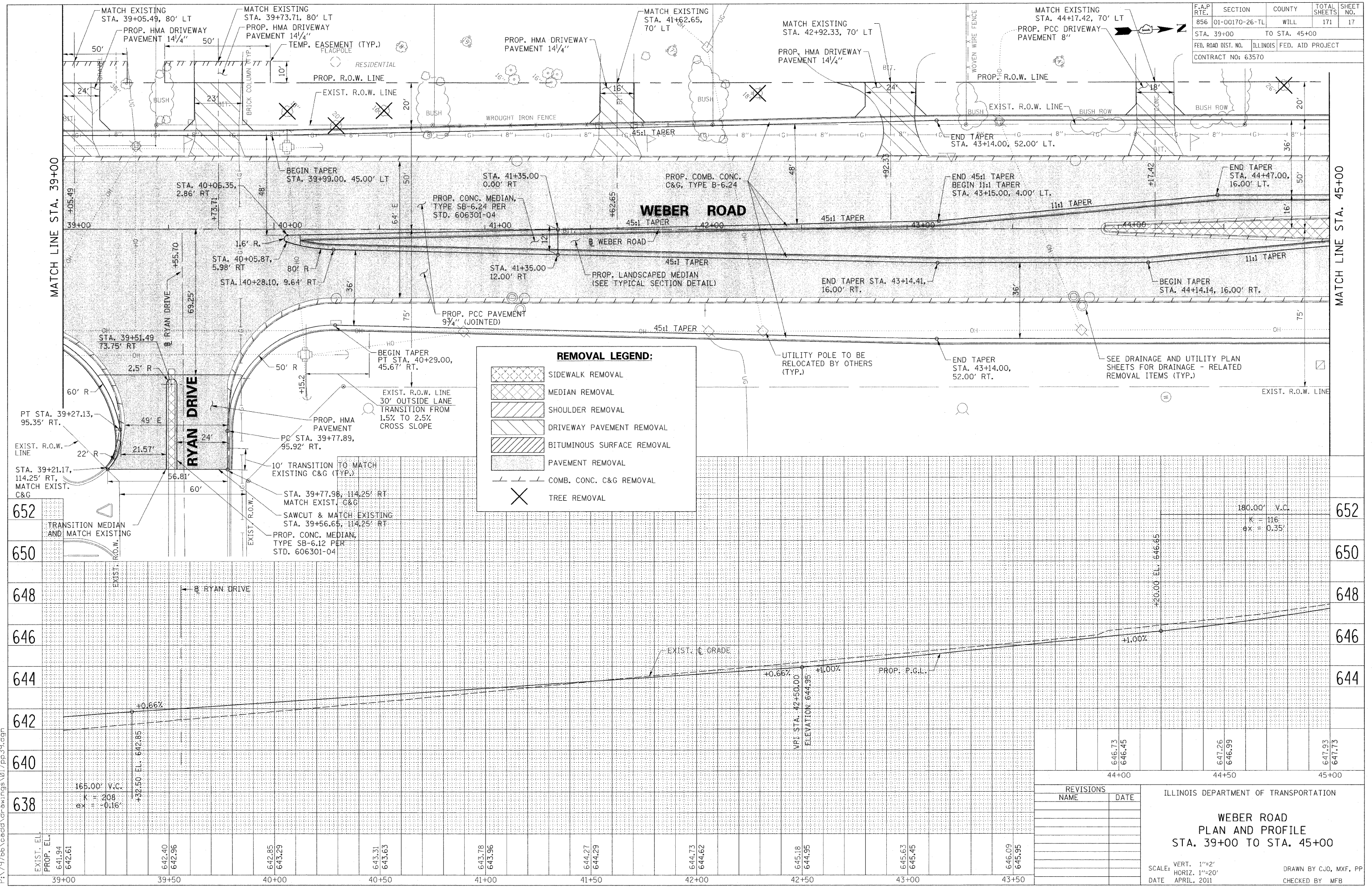
SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

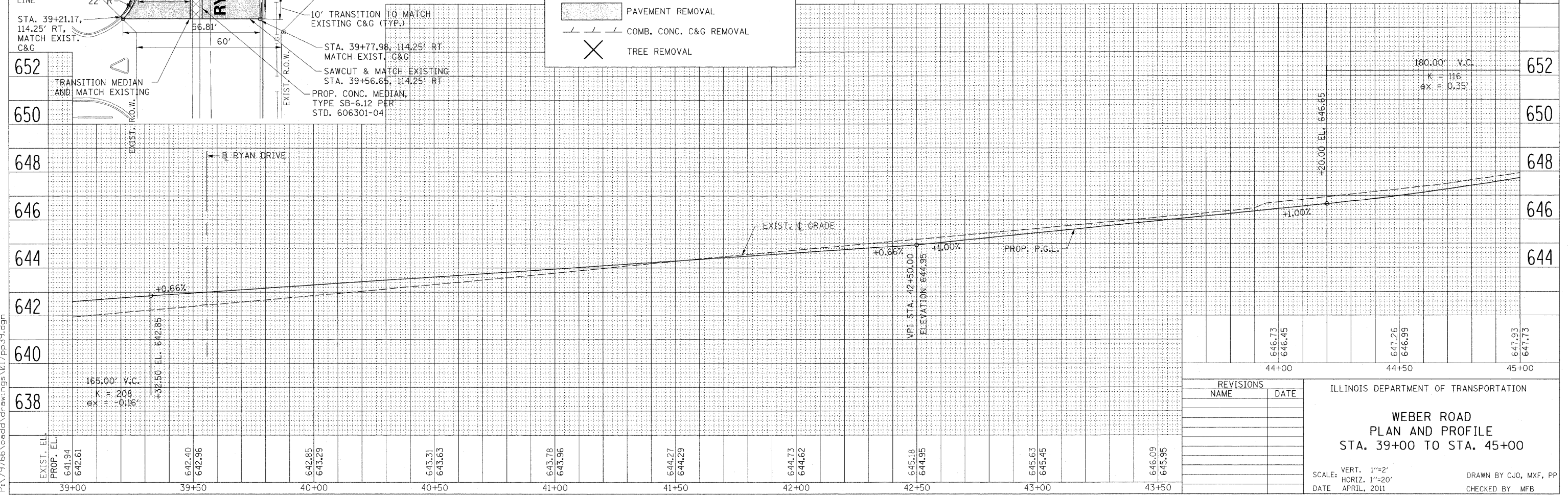
8/22/2011 P:\79766\cadd\drawings\016ppp33.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	17
STA. 39+00		TO STA. 45+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



REMOVAL LEGEND:

- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- BITUMINOUS SURFACE REMOVAL
- PAVEMENT REMOVAL
- COMB. CONC. C&G REMOVAL
- TREE REMOVAL



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		

**WEBER ROAD
PLAN AND PROFILE
STA. 39+00 TO STA. 45+00**

SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

B:\22\2011\p\79766\cead\drawings\017pp39.dgn
 8/22/2011

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	18
STA. 45+00		TO STA. 51+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				

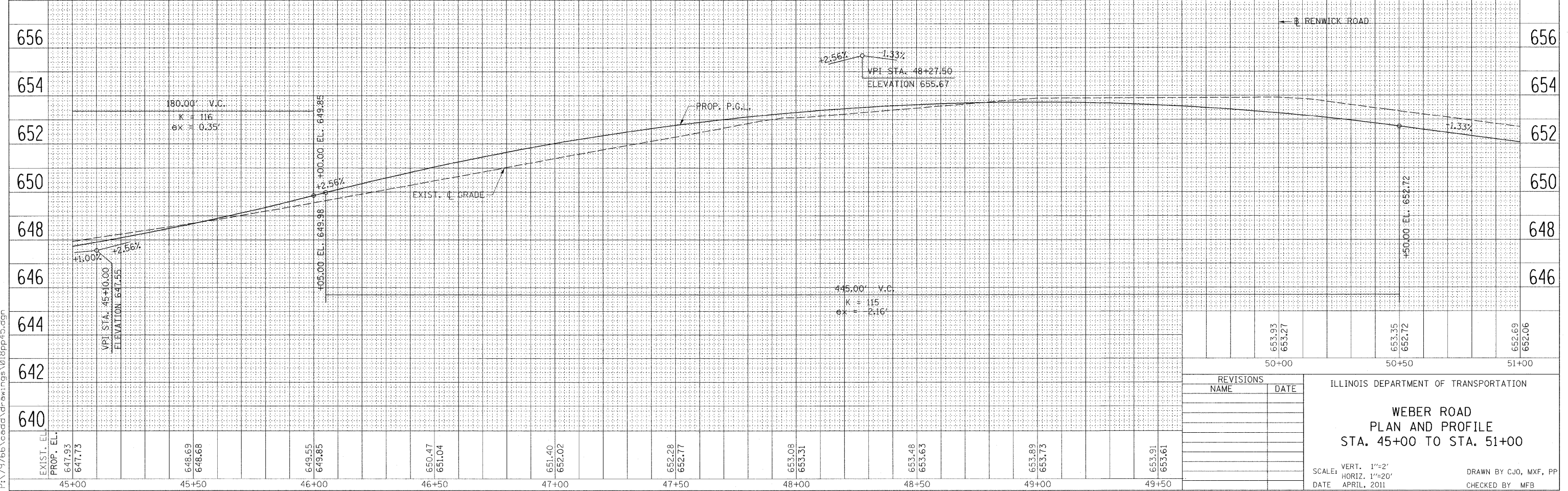
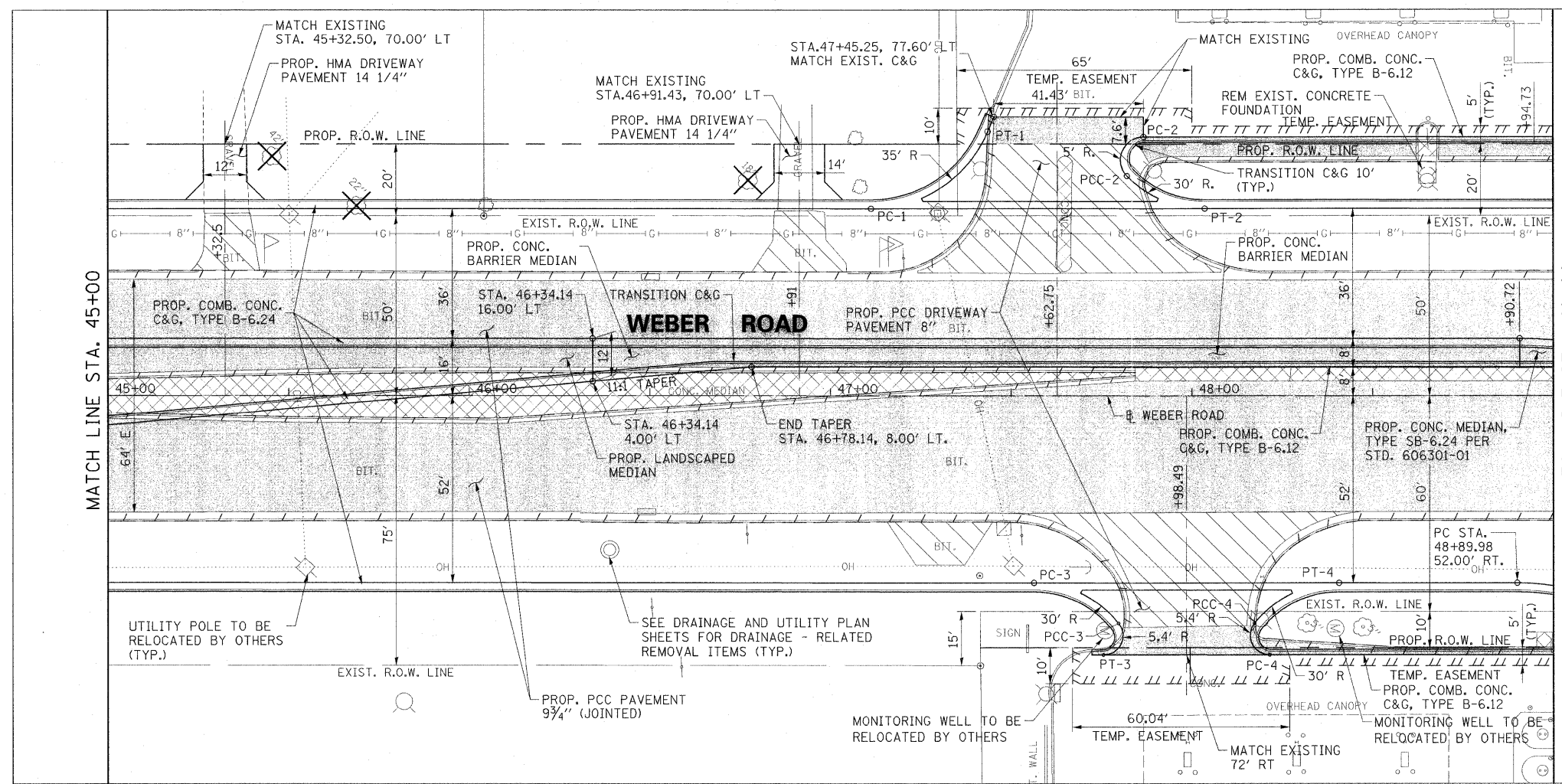
REMOVAL LEGEND:

- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- BITUMINOUS SURFACE REMOVAL
- PAVEMENT REMOVAL
- COMB. CONC. C&G REMOVAL
- TREE REMOVAL

POINT	STATION	OFFSET
PC-1	47+11.24	52.00' LT
PT-1	47+43.53	73.48' LT
PC-2	47+86.68	72.00' LT
PCC-2	47+82.07	61.10' LT
PT-2	48+03.59	52.00' LT
PC-3	47+56.31	52.00' RT
PCC-3	47+79.70	63.22' RT
PT-3	47+75.49	72.00' RT
PC-4	48+21.49	72.00' RT
PCC-4	48+17.28	63.22' RT
PT-4	48+40.68	52.00' RT

TABLE NOTE:
STATION AND OFFSET ARE AT THE EDGE OF PAVEMENT

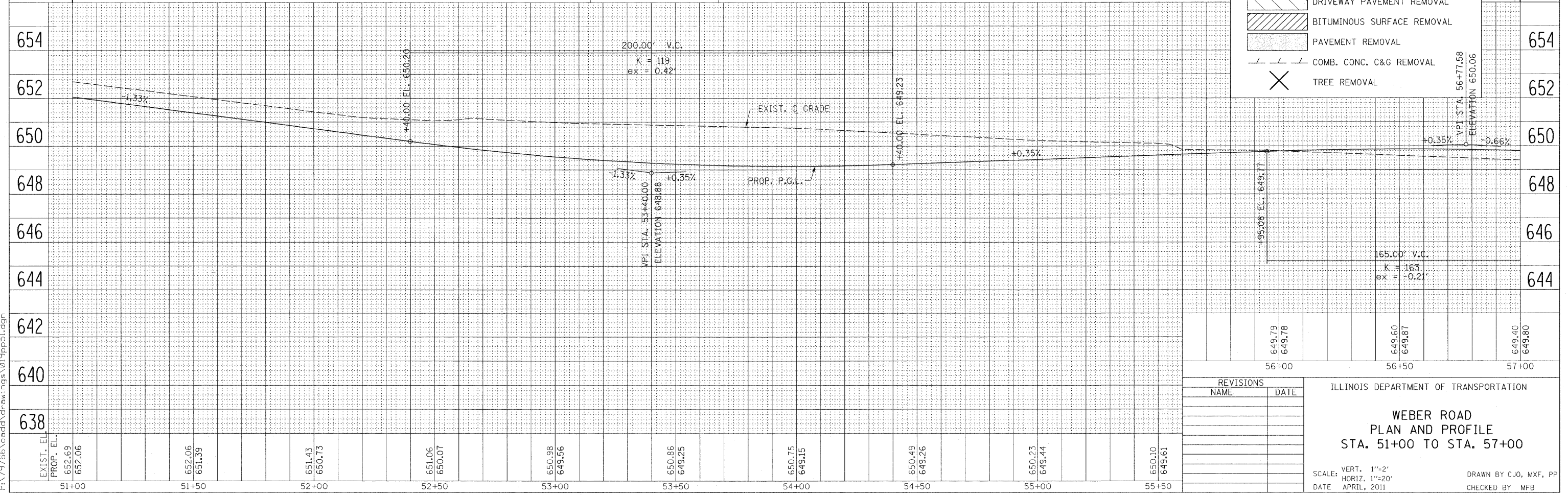
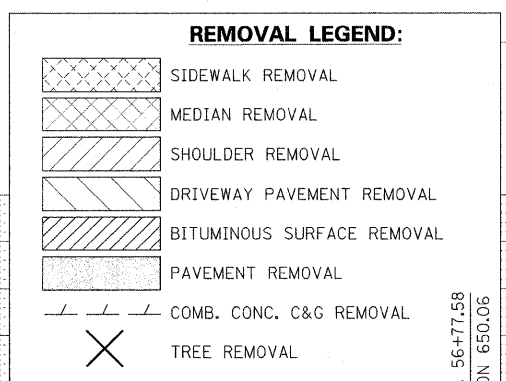
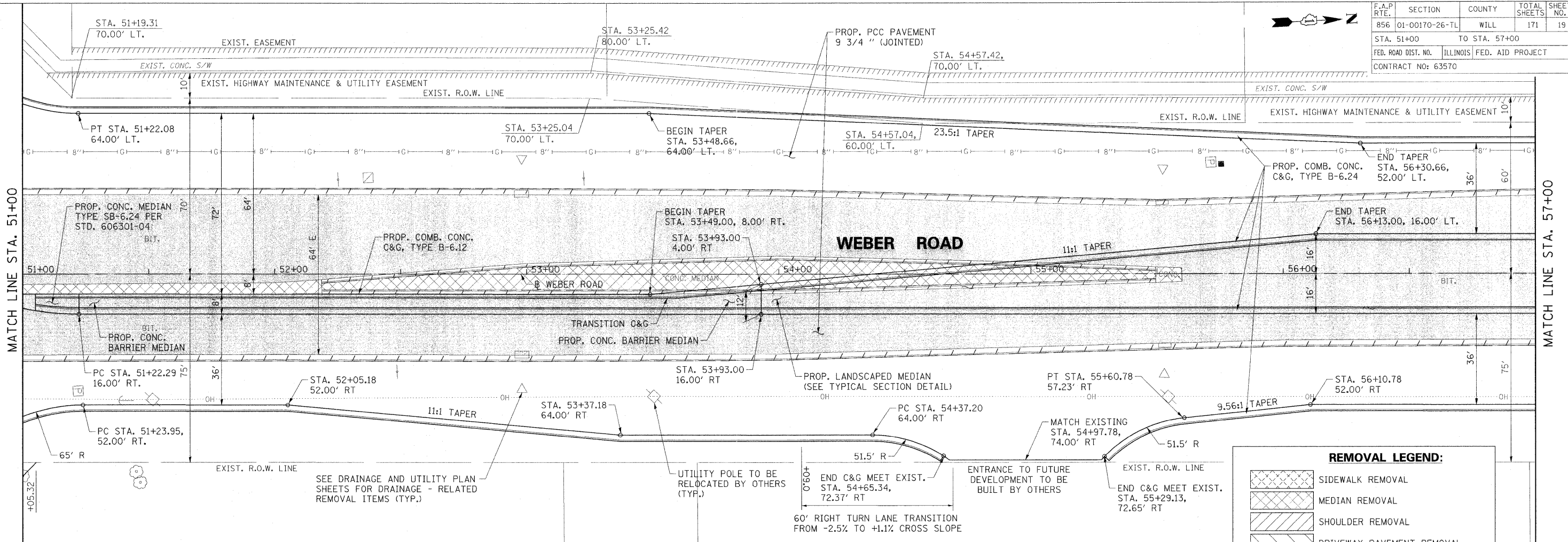
NOTES:
SEE SHEETS 22 TO 30 FOR RENWICK ROAD PLAN AND PROFILE
SEE SHEET 26 FOR INTERSECTION PLAN AND PROFILE



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		WEBER ROAD PLAN AND PROFILE STA. 45+00 TO STA. 51+00
SCALE: VERT. 1"=2' HORIZ. 1"=20'		DRAWN BY CJO, MXF, PP
DATE: APRIL, 2011		CHECKED BY MFB

8/22/2011 P:\79766\cedd\drawings\018pp45.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	19
STA. 51+00 TO STA. 57+00		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WEBER ROAD
PLAN AND PROFILE
STA. 51+00 TO STA. 57+00**

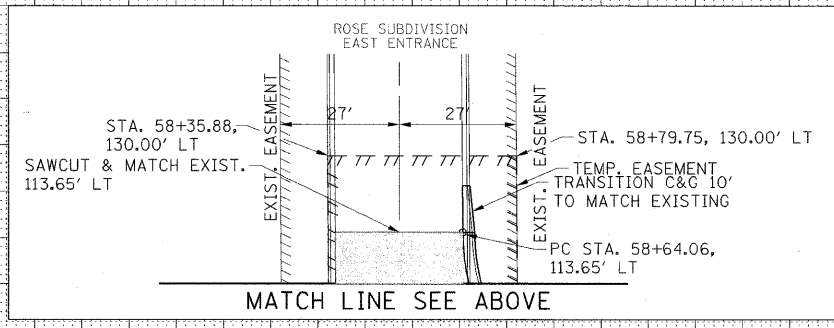
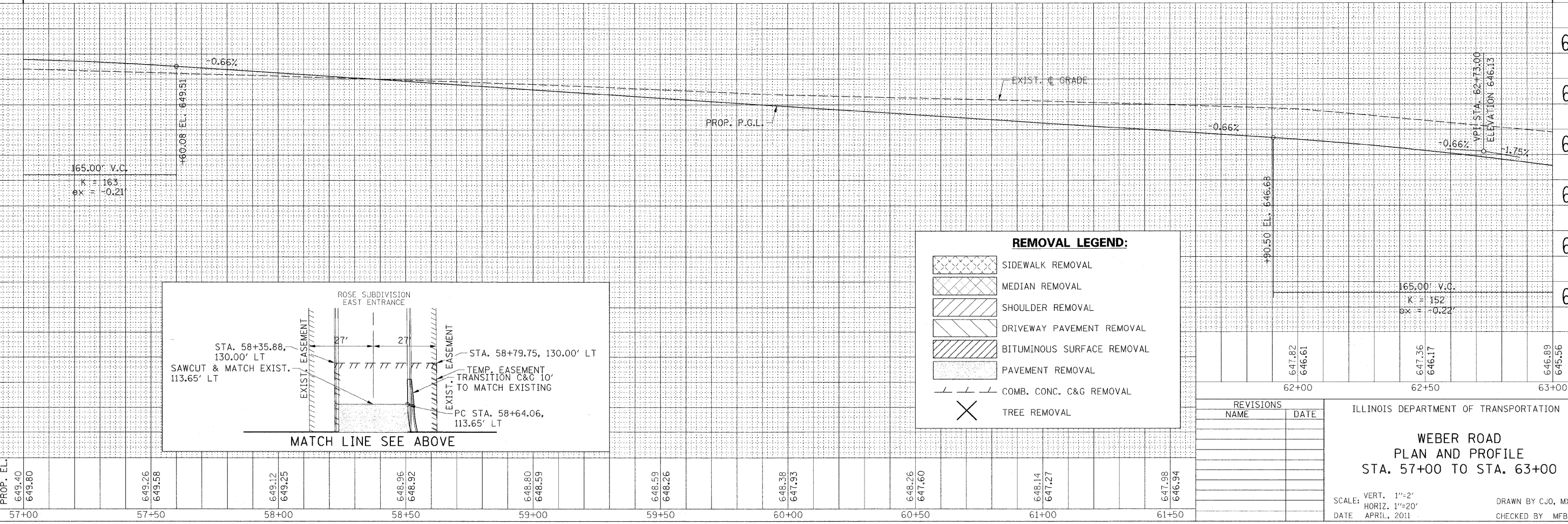
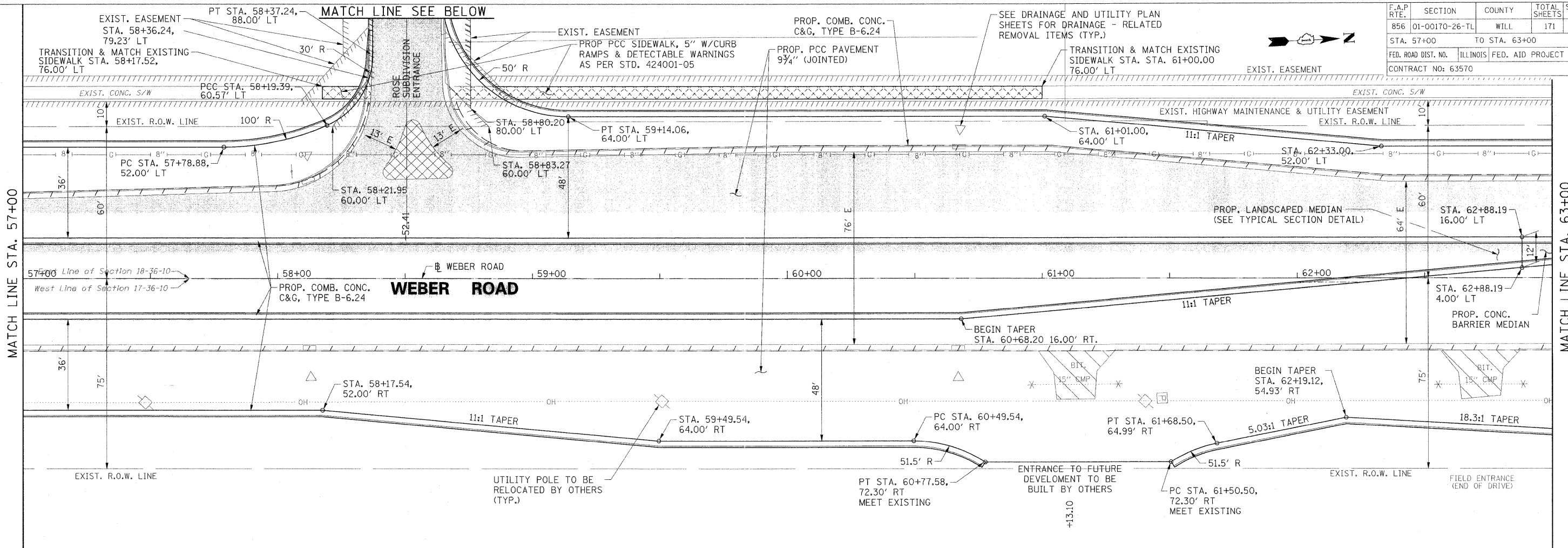
SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY CJO, MXF, PP
CHECKED BY MFB

8/22/2011 P:\79766\cadd\drawings\019pp51.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	20
STA. 57+00 TO STA. 63+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO: 63570				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

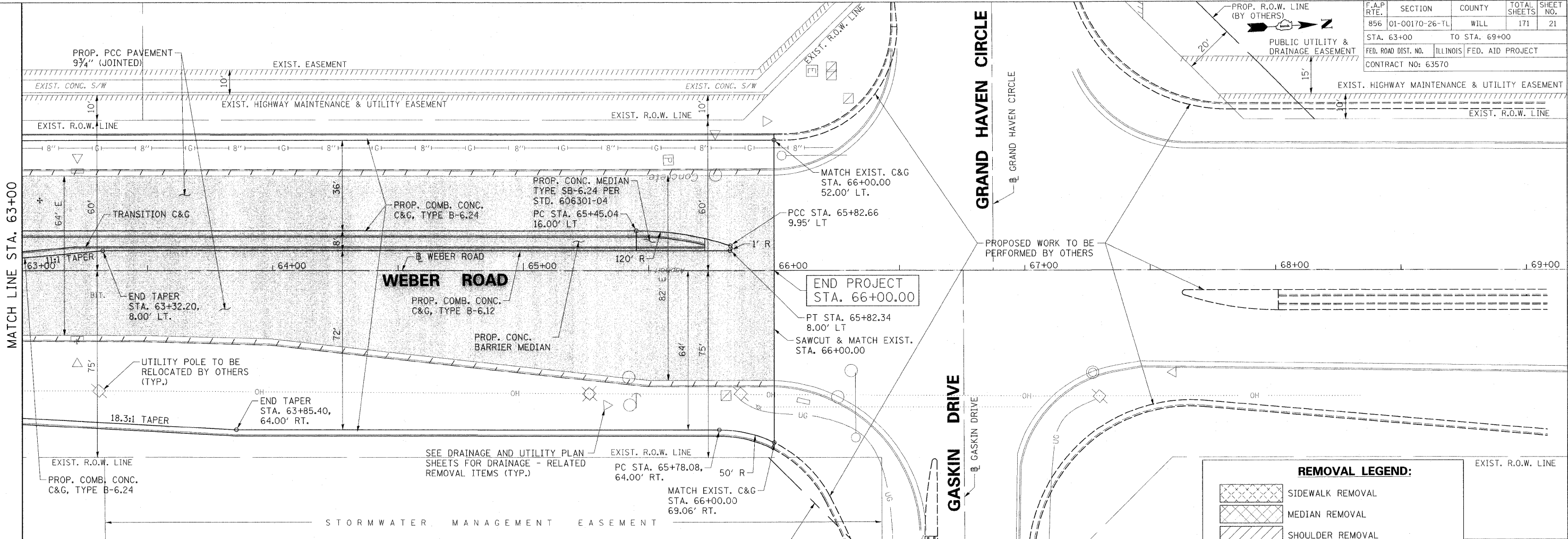
WEBER ROAD
PLAN AND PROFILE
STA. 57+00 TO STA. 63+00

SCALE: VERT. 1"=2'
 HORIZ. 1"=20'

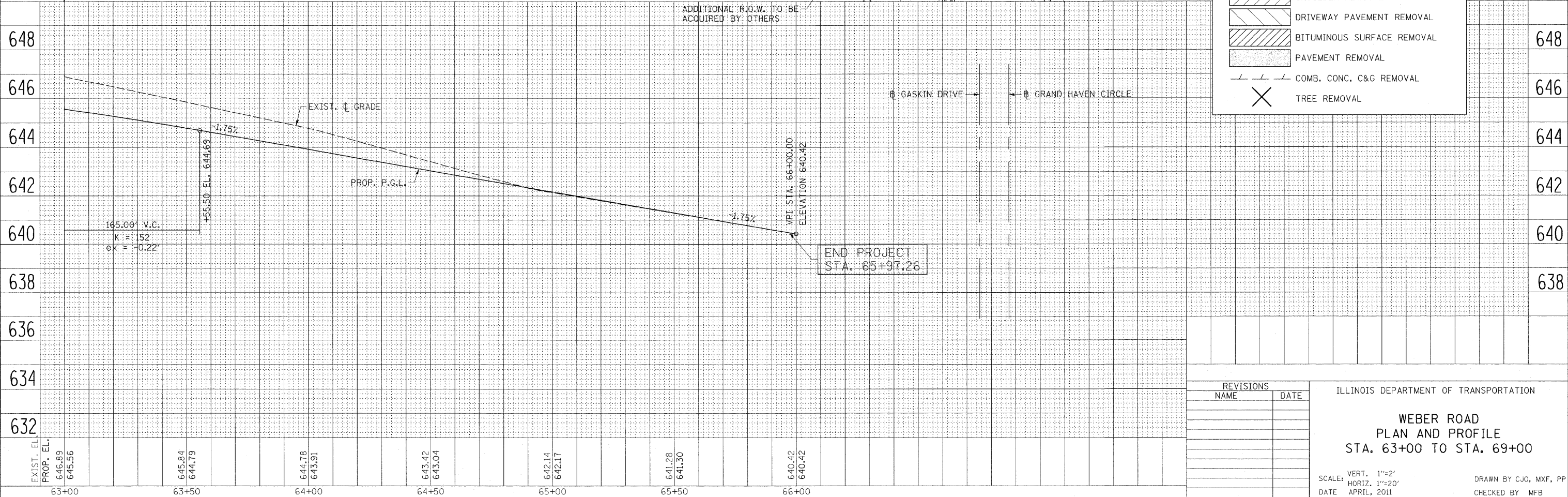
DATE: APRIL, 2011

DRAWN BY CJO, MXF, PP
 CHECKED BY MFB

8/22/2011 P:\79766\cadd\drawings\020pp\57.dgn



REMOVAL LEGEND:	
	SIDEWALK REMOVAL
	MEDIAN REMOVAL
	SHOULDER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	BITUMINOUS SURFACE REMOVAL
	PAVEMENT REMOVAL
	COMB. CONC. C&G REMOVAL
	TREE REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

WEBER ROAD
PLAN AND PROFILE
STA. 63+00 TO STA. 69+00

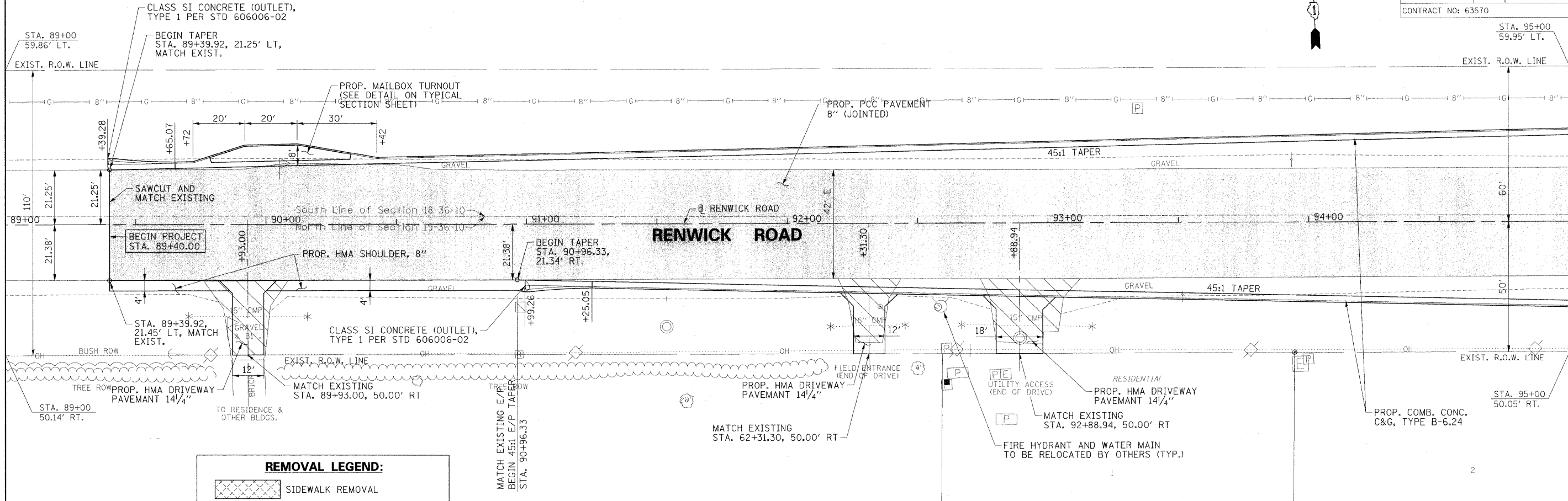
SCALE: VERT. 1"=2'
 HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY CJO, MXF, PP
 CHECKED BY MFB

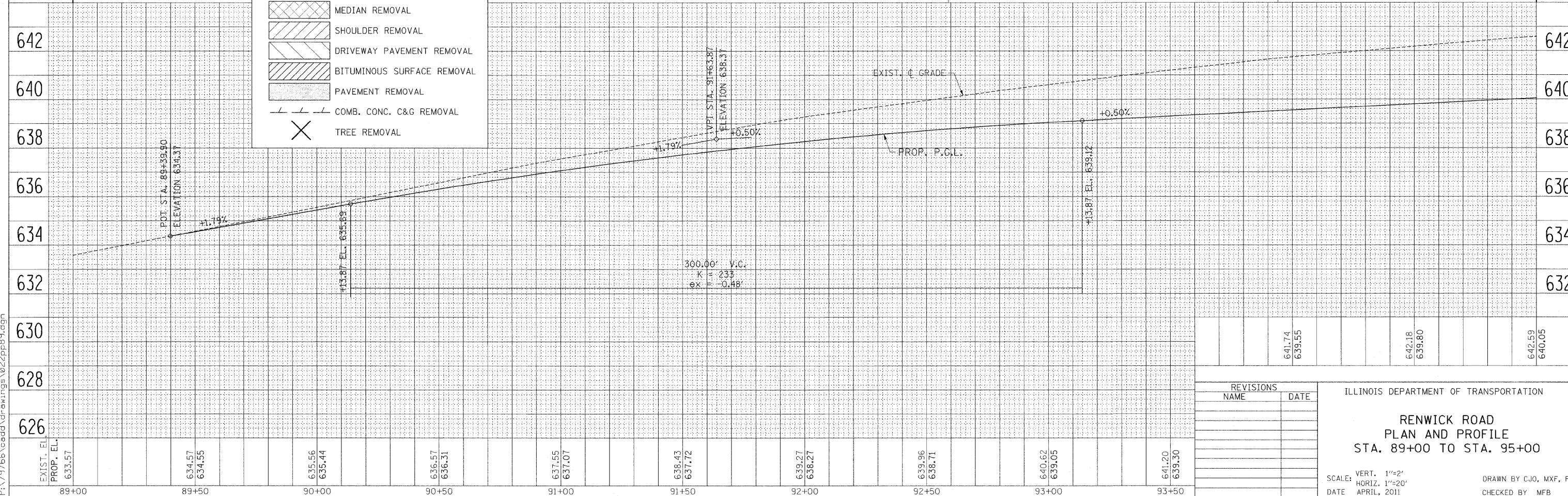
8/22/2011 P:\179766\cadd\drawings\02\lpp63.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	22
STA. 89+00		TO STA. 95+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



REMOVAL LEGEND:

- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- BITUMINOUS SURFACE REMOVAL
- PAVEMENT REMOVAL
- COMB. CONC. C&G REMOVAL
- TREE REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**RENWICK ROAD
PLAN AND PROFILE
STA. 89+00 TO STA. 95+00**

SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY CJO, MXF, PP
CHECKED BY MFB

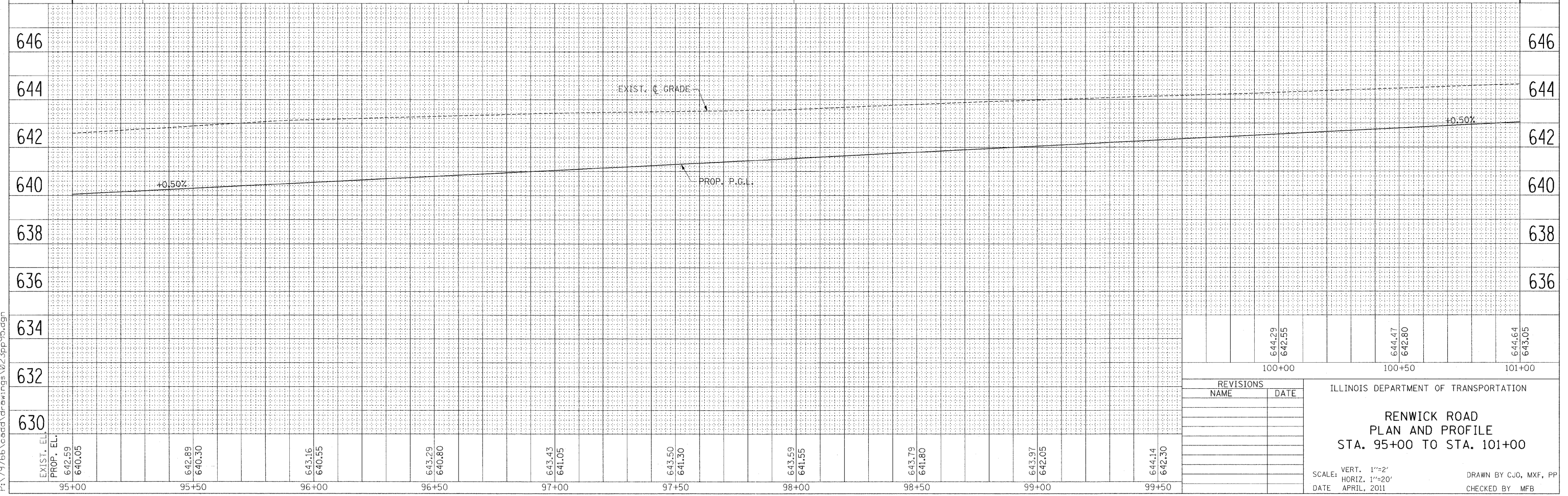
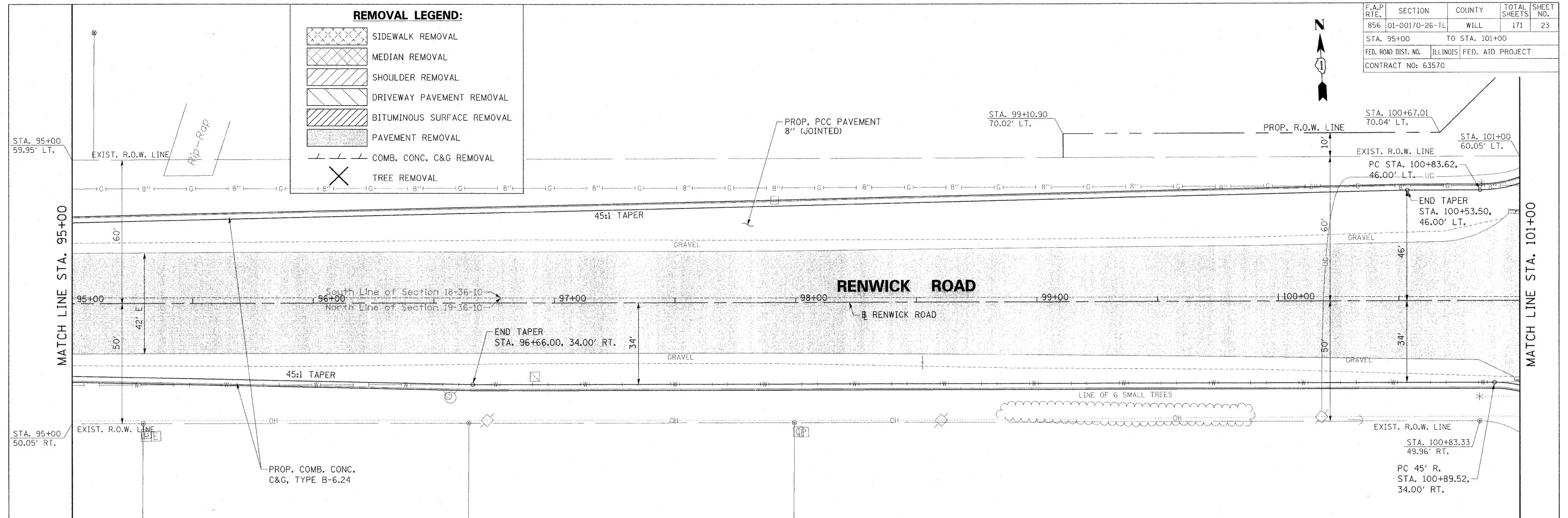
8/22/2011 P:\79766\cadd\drawings\022pp89.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	23
STA. 95+00		TO STA. 101+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



REMOVAL LEGEND:

- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- BITUMINOUS SURFACE REMOVAL
- PAVEMENT REMOVAL
- COMB. CONC. C&G REMOVAL
- TREE REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RENWICK ROAD
PLAN AND PROFILE
STA. 95+00 TO STA. 101+00

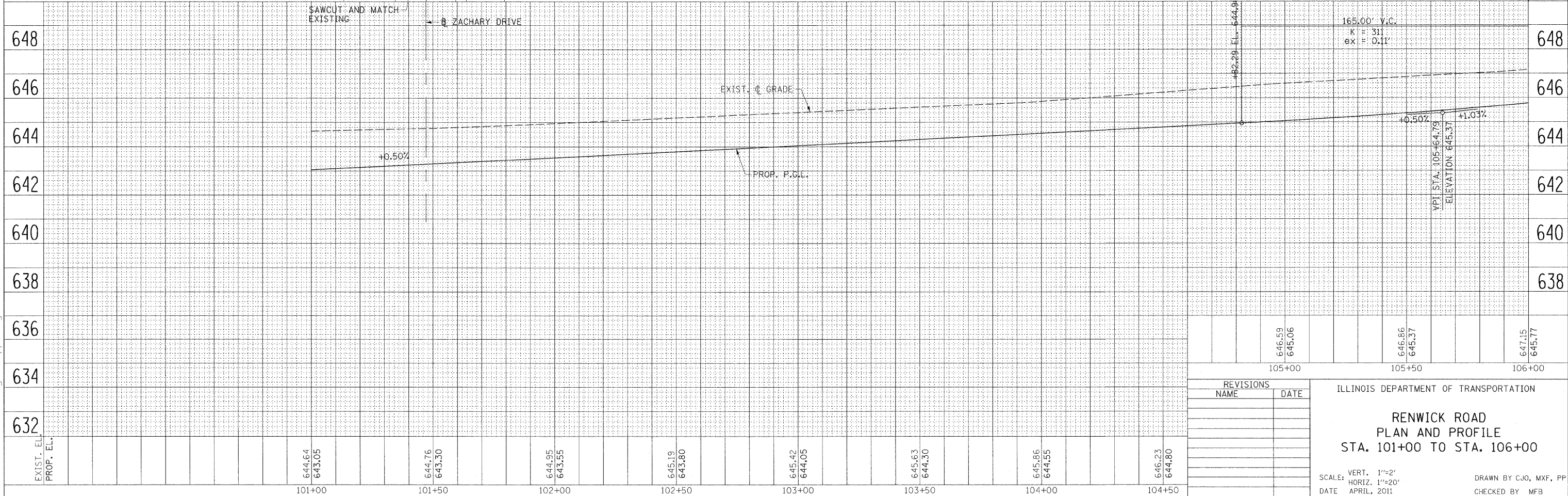
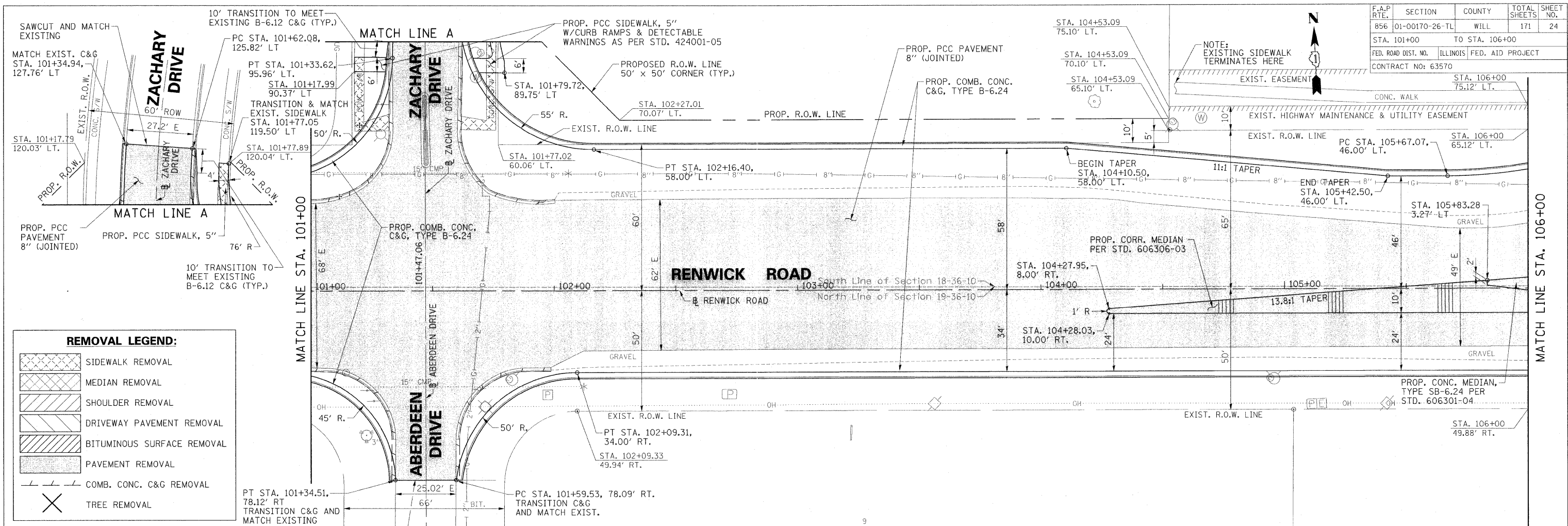
SCALE: VERT. 1"=2'
 HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY CJO, MXF, PP
 CHECKED BY MFB

B:\22\2011\179766\cadd\drawings\023pp\95.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B56	01-00170-26-TL	WILL	171	24
STA. 101+00 TO STA. 106+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		CONTRACT NO: 63570		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**RENWICK ROAD
PLAN AND PROFILE
STA. 101+00 TO STA. 106+00**

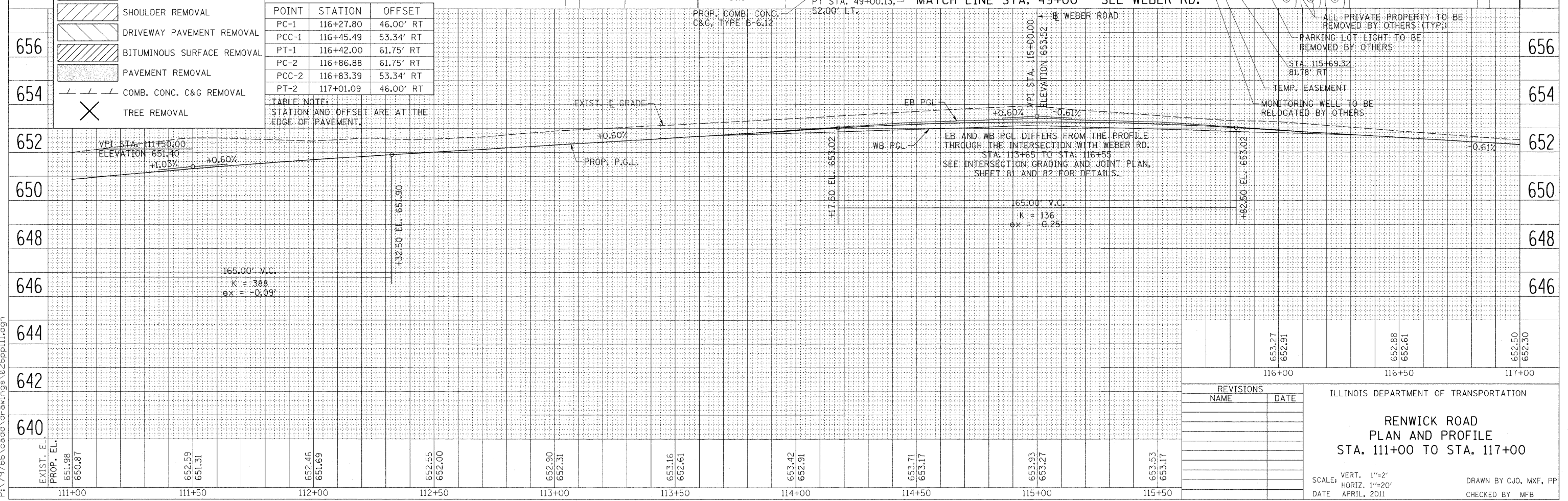
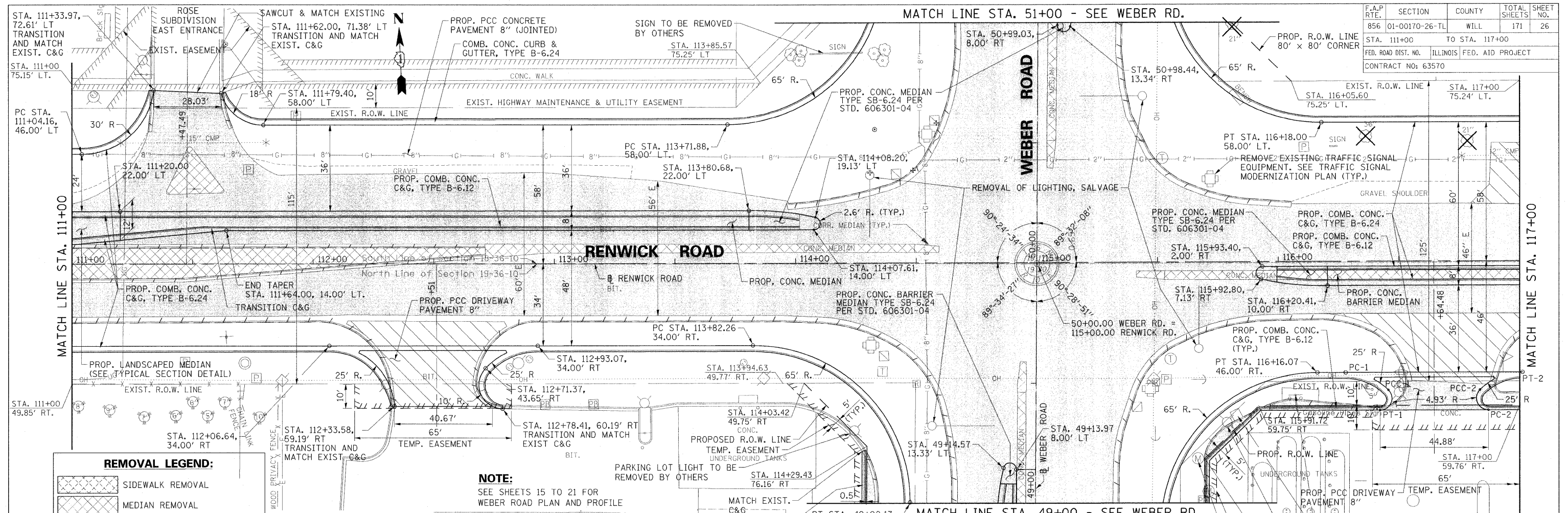
SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

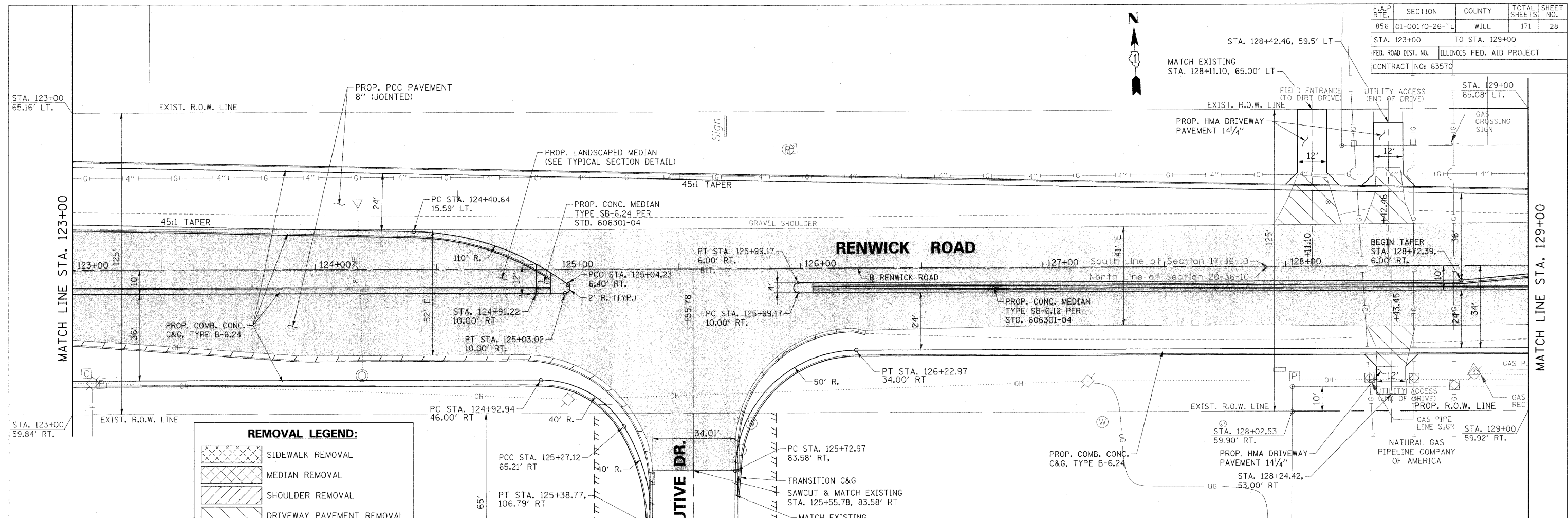
8/22/2011 P:\179766\cadd\drawings\024\pp\01.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	26
STA. 111+00		TO STA. 117+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



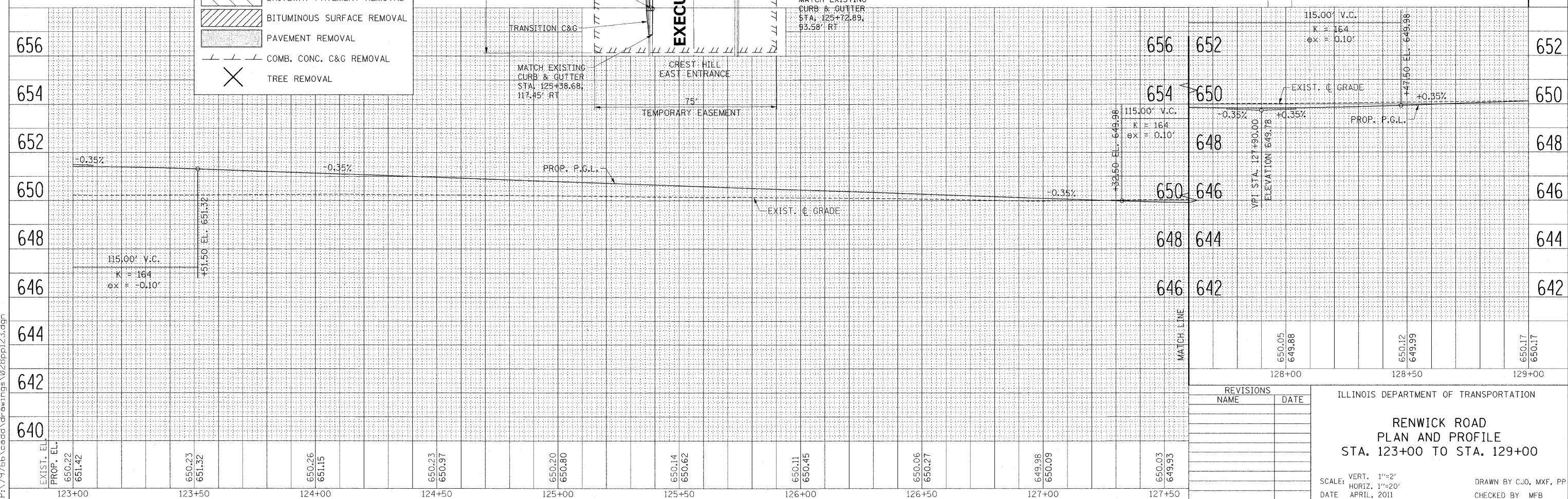
B:\22\2011\p\79766\cead\drawings\026pp\11.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	28
STA. 123+00 TO STA. 129+00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



REMOVAL LEGEND:

	SIDEWALK REMOVAL
	MEDIAN REMOVAL
	SHOULDER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	BITUMINOUS SURFACE REMOVAL
	PAVEMENT REMOVAL
	COMB. CONC. C&G REMOVAL
	TREE REMOVAL



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**RENWICK ROAD
PLAN AND PROFILE
STA. 123+00 TO STA. 129+00**

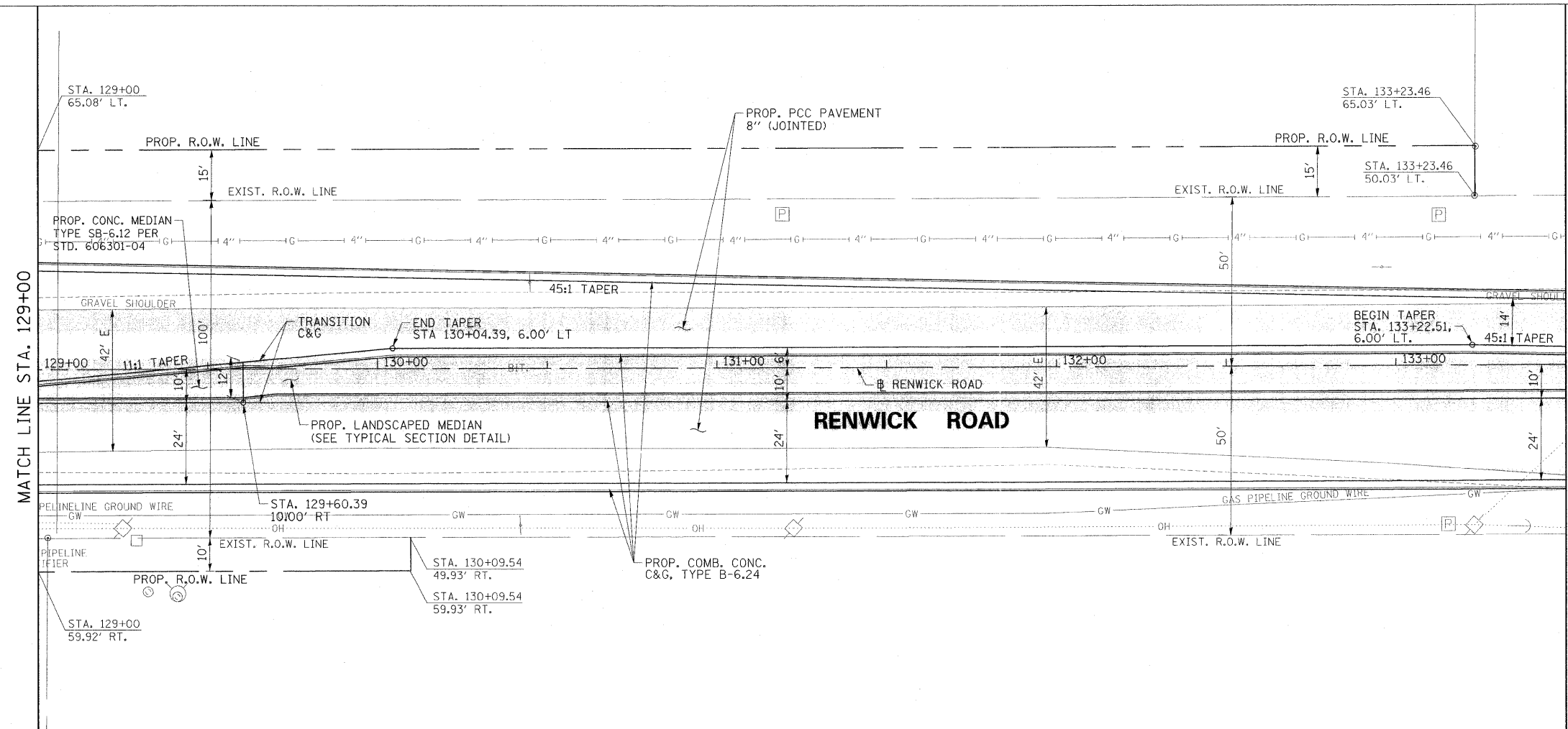
SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

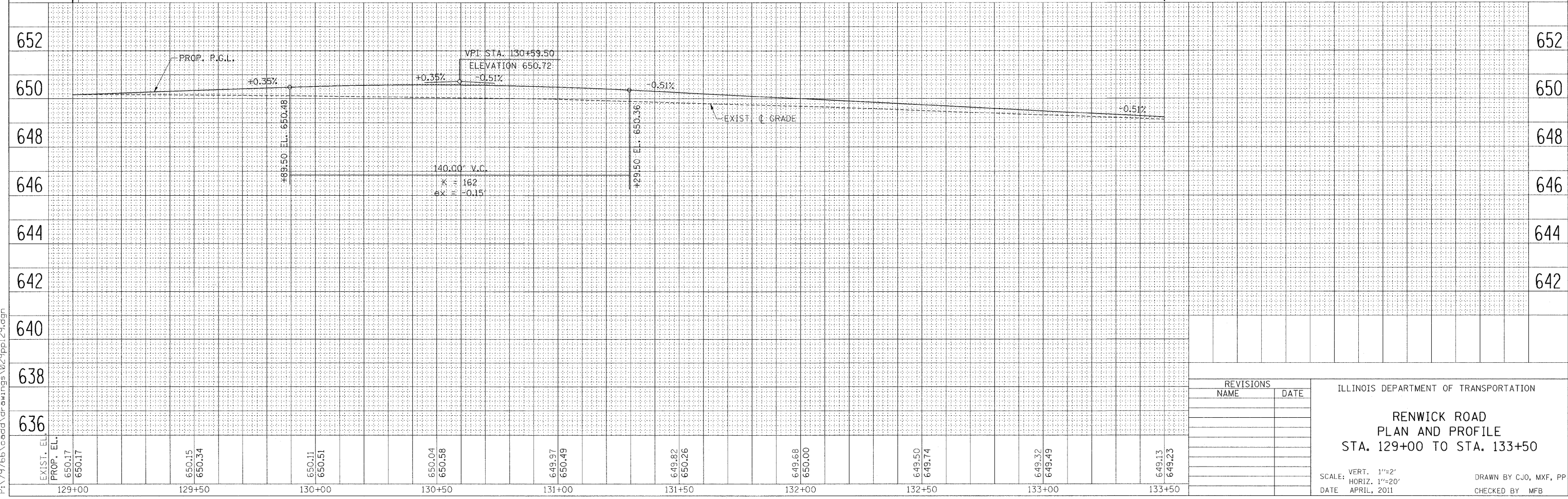
8/22/2011 P:\179766\cadd\drawings\028ppl\23.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	29
STA. 129+00		TO STA. 135+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



REMOVAL LEGEND:

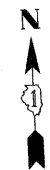
	SIDEWALK REMOVAL
	MEDIAN REMOVAL
	SHOULDER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	BITUMINOUS SURFACE REMOVAL
	PAVEMENT REMOVAL
	COMB. CONC. C&G REMOVAL
	TREE REMOVAL



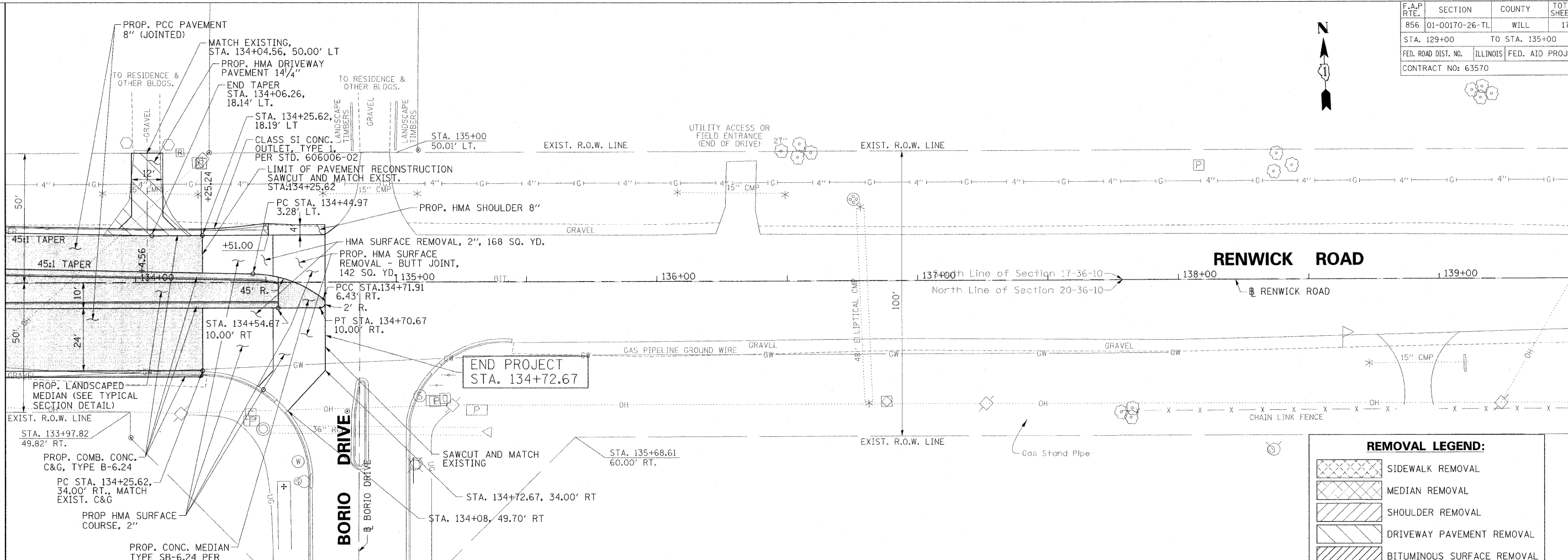
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p align="center">RENWICK ROAD PLAN AND PROFILE STA. 129+00 TO STA. 133+50</p> <p>SCALE: VERT. 1"=2' HORIZ. 1"=20' DATE: APRIL, 2011</p> <p>DRAWN BY CJO, MXF, PP CHECKED BY MFB</p>

8/22/2011 P:\179766\cadd\drawings\02\pp\129.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B56	01-00170-26-TL	WILL	171	30
STA. 129+00		TO STA. 135+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



MATCH LINE STA. 133+50



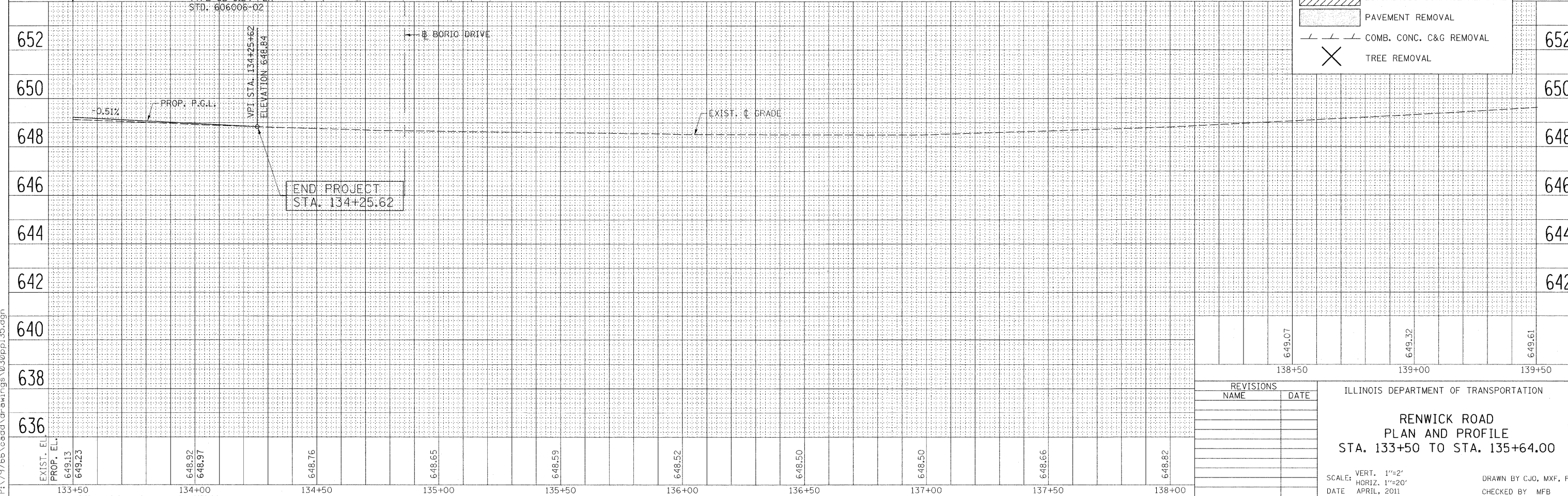
RENWICK ROAD

END PROJECT STA. 134+72.67

END PROJECT STA. 134+25.62

REMOVAL LEGEND:

	SIDEWALK REMOVAL
	MEDIAN REMOVAL
	SHOULDER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	BITUMINOUS SURFACE REMOVAL
	PAVEMENT REMOVAL
	COMB. CONC. C&G REMOVAL
	TREE REMOVAL



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**RENWICK ROAD
PLAN AND PROFILE
STA. 133+50 TO STA. 135+64.00**

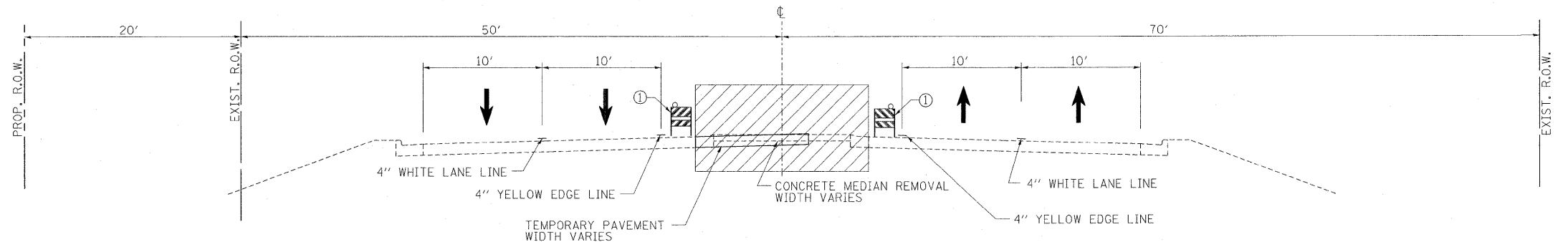
SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

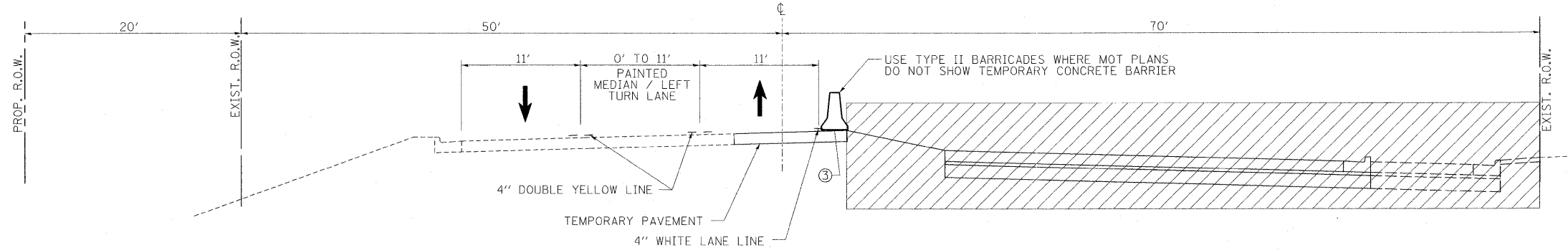
DRAWN BY CJO, MXF, PP
CHECKED BY MFB

8/22/2011 P:\179766\cadd\drawings\030\pp\35.dgn

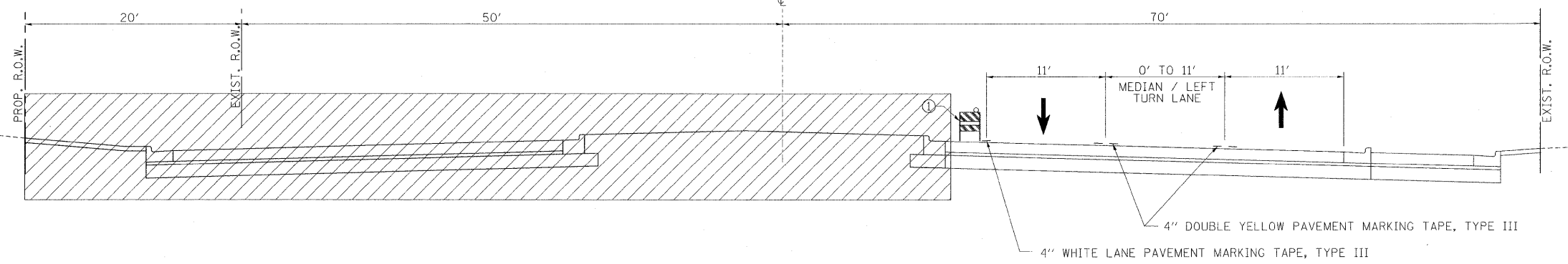
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



WEBER ROAD STAGE 1A AND 1B



WEBER ROAD STAGE 2




WEBER ROAD STAGE 3

GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC FLOW IN EACH DIRECTION AT ALL TIMES DURING CONSTRUCTION. ALLOWABLE HOURS FOR LANE CLOSURES ARE 9:00 AM TO 3:00 PM.
2. TEMPORARY TRAFFIC SIGNALS SHALL BE PROVIDED AS SHOWN ON THE PLANS.
3. THE CONTRACTOR SHALL USE TEMPORARY PAVEMENT MARKING FOR TEMPORARY LANE MARKINGS ON ALL PAVEMENT SURFACES.
4. 4" SOLID WHITE LINES SHALL BE USED TO DEFINE OUTSIDE LANE LINES DURING MAINTENANCE OF TRAFFIC.
5. DOUBLE 4" SOLID YELLOW LINE SHALL BE USED TO SEPARATE OPPOSING TRAFFIC UNLESS OTHERWISE INDICATED ON THE PLANS.
6. ACCESS TO ABUTTING PROPERTIES, COMMERCIAL ENTRANCES, ZACHARY DRIVE, ABERDEEN DRIVE, RANKIN DRIVE, BORIO DRIVE, RYAN DRIVE, GASKIN DRIVE, AND GRAND HAVEN CIRCLE SHALL BE PROVIDED AND MAINTAINED DURING CONSTRUCTION. TEMPORARY ACCESS SHALL BE PAID FOR PER UNIT EACH BY THE PAY ITEMS PROVIDED.
7. CONSTRUCTION SIGN PANELING AND ARROW BOARD SHALL BE INCLUDED TO THE COST OF TRAFFIC CONTROL AND PROTECTION.
8. EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH REVISED TRAFFIC PATTERNS SHALL BE OBLITERATED. PAVEMENT MARKINGS WHICH HAVE BEEN REMOVED IN TAPER AREAS OUTSIDE OF PROJECT LIMITS SHALL BE REPLACED.

TYPICAL SECTION LEGEND

-  WORK ZONE
- ① TYPE II BARRICADES SPACED PER IDOT HIGHWAY STANDARDS WITH STEADY BURNING LIGHTS. THE CONTRACTOR SHALL PROVIDE AND INSTALL 2 WEIGHTED SANDBAGS ON EACH TYPE II BARRICADE USED (ONE WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL).
- ② INSTALL TEMPORARY CONCRETE BARRIER WHERE DROP-OFF HEIGHT BETWEEN TRAVEL LANES & CONSTRUCTION ZONE IS GREATER THAN 12 INCHES. SEE MOT PLANS FOR LOCATION.
- ③ TEMPORARY CONCRETE BARRIER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WEBER ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS**

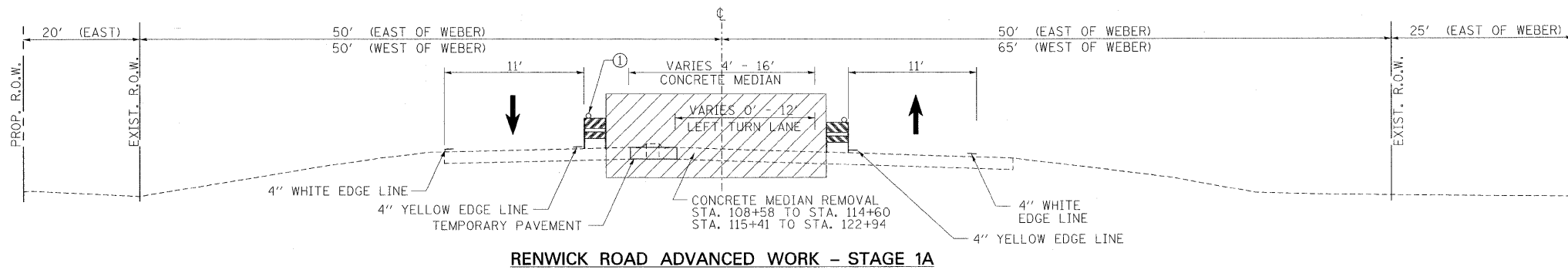
SCALE: N.T.S. DRAWN BY CJO
DATE APRIL, 2011 CHECKED BY MFB

8/22/2011 P:\79766\cadd\drawings\032M011\tpsec.dgn

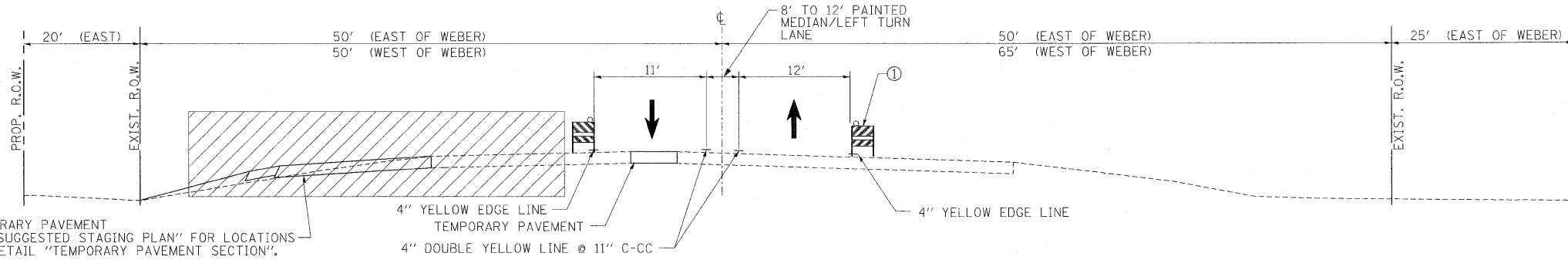
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				

GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC FLOW IN EACH DIRECTION AT ALL TIMES DURING CONSTRUCTION. ALLOWABLE HOURS FOR LANE CLOSURES ARE 9:00 AM TO 3:00 PM.
2. TEMPORARY TRAFFIC SIGNALS SHALL BE PROVIDED AS SHOWN ON THE PLANS.
3. THE CONTRACTOR SHALL USE TEMPORARY PAVEMENT MARKING FOR TEMPORARY LANE MARKINGS ON ALL PAVEMENT SURFACES.
4. 4" SOLID WHITE LINES SHALL BE USED TO DEFINE OUTSIDE LANE LINES DURING MAINTENANCE OF TRAFFIC.
5. DOUBLE 4" SOLID YELLOW LINE SHALL BE USED TO SEPARATE OPPOSING TRAFFIC UNLESS OTHERWISE INDICATED ON THE PLANS.
6. ACCESS TO ABUTTING PROPERTIES, COMMERCIAL ENTRANCES, ZACHARY DRIVE, ABERDEEN DRIVE, RANKIN DRIVE, BORIO DRIVE, RYAN DRIVE, GASKIN DRIVE, AND GRAND HAVEN CIRCLE SHALL BE PROVIDED AND MAINTAINED DURING CONSTRUCTION. TEMPORARY ACCESS SHALL BE PAID FOR PER UNIT EACH BY THE PAY ITEMS PROVIDED.
7. CONSTRUCTION SIGN PANELING AND ARROW BOARD SHALL BE INCLUDED TO THE COST OF TRAFFIC CONTROL AND PROTECTION.
8. EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH REVISED TRAFFIC PATTERNS SHALL BE OBLITERATED. PAVEMENT MARKINGS WHICH HAVE BEEN REMOVED IN TAPER AREAS OUTSIDE OF PROJECT LIMITS SHALL BE REPLACED.

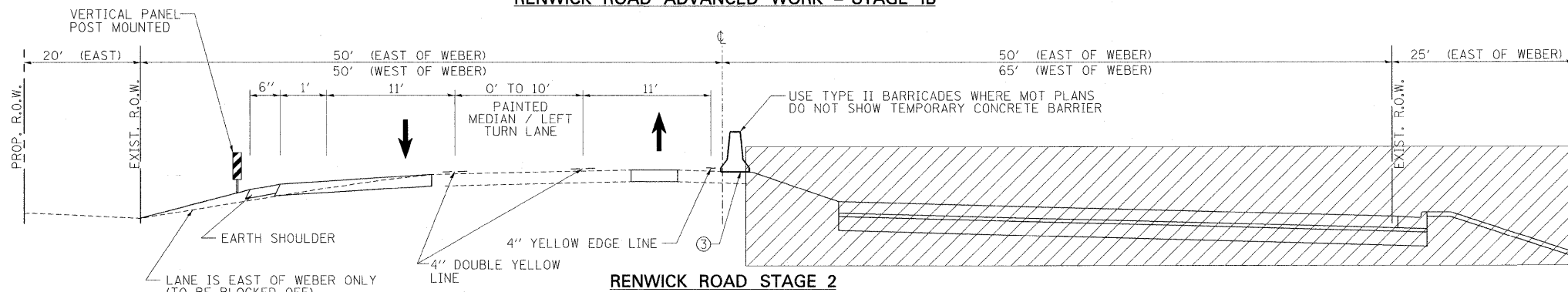


RENWICK ROAD ADVANCED WORK - STAGE 1A

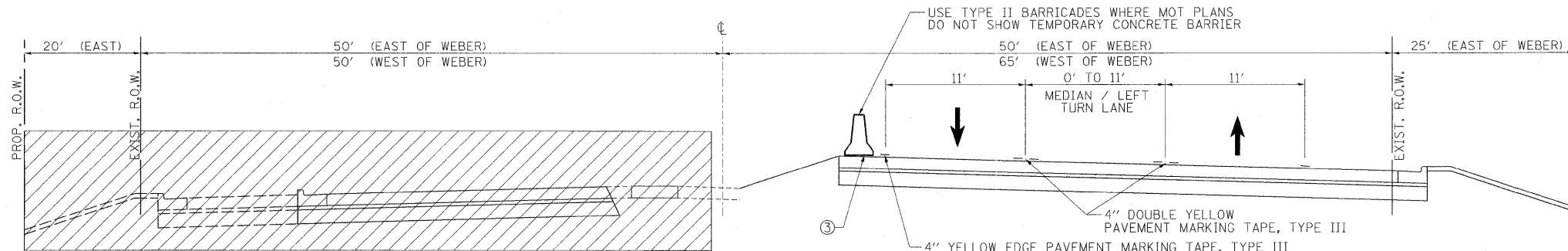


RENWICK ROAD ADVANCED WORK - STAGE 1B

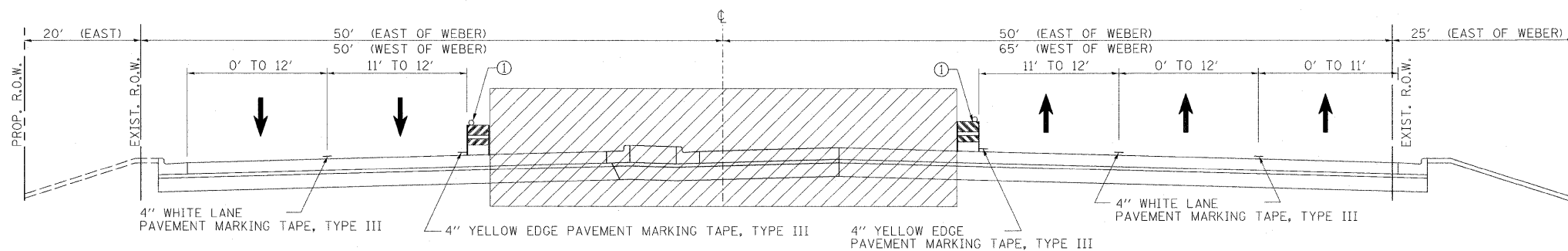
TEMPORARY PAVEMENT
SEE "SUGGESTED STAGING PLAN" FOR LOCATIONS
AND DETAIL "TEMPORARY PAVEMENT SECTION".



RENWICK ROAD STAGE 2




RENWICK ROAD STAGE 3



RENWICK ROAD STAGE 4

TYPICAL SECTION LEGEND

-  WORK ZONE
- ① TYPE II BARRICADES SPACED PER IDOT HIGHWAY STANDARDS WITH STEADY BURNING LIGHTS. THE CONTRACTOR SHALL PROVIDE AND INSTALL 2 WEIGHTED SANDBAGS ON EACH TYPE II BARRICADE USED (ONE WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL).
- ② INSTALL TEMPORARY CONCRETE BARRIER WHERE DROP-OFF HEIGHT BETWEEN TRAVEL LANES & CONSTRUCTION ZONE IS GREATER THAN 12 INCHES. SEE MOT PLANS FOR LOCATION.
- ③ TEMPORARY CONCRETE BARRIER

REVISIONS	
NAME	DATE

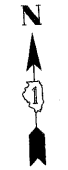
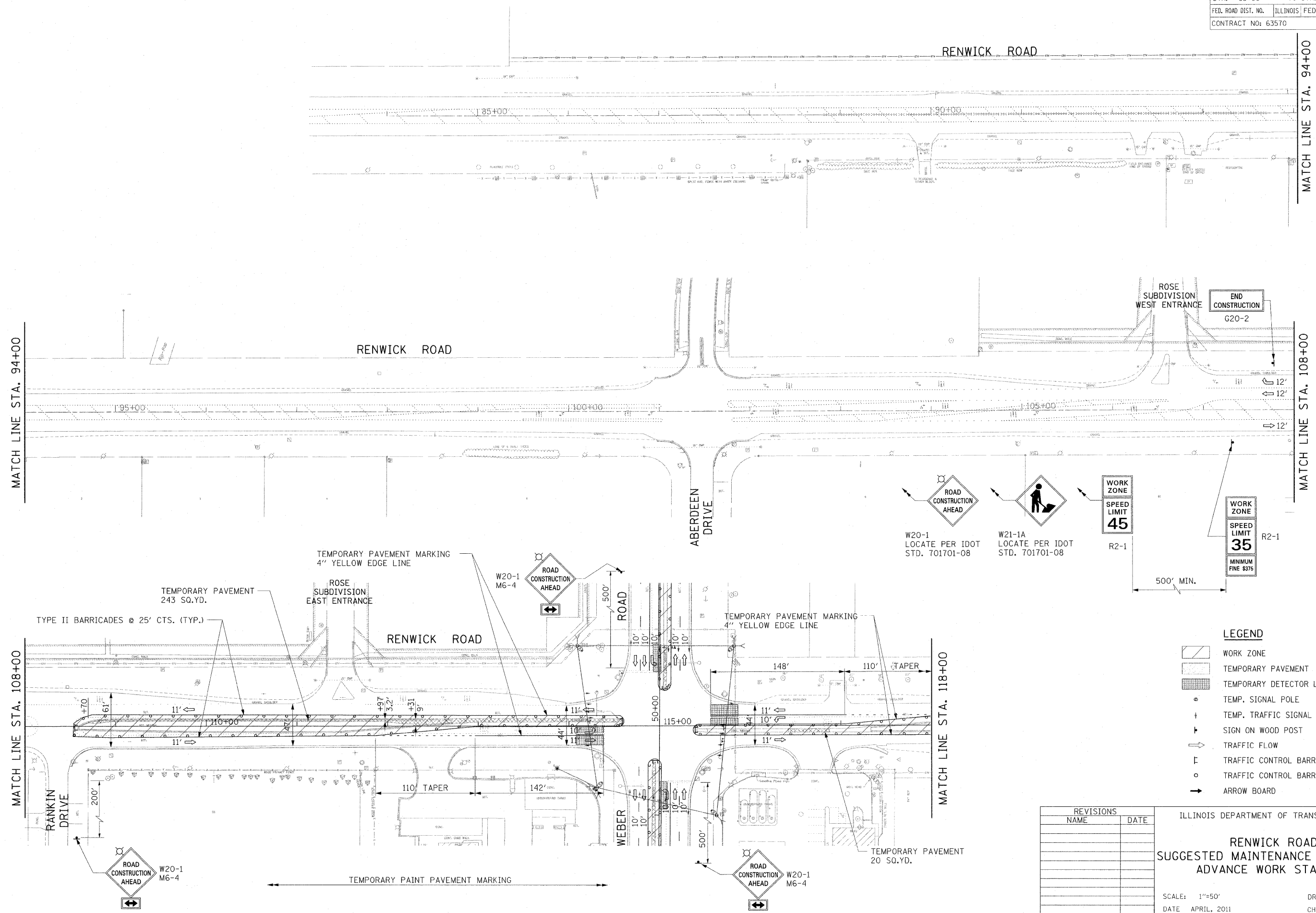
ILLINOIS DEPARTMENT OF TRANSPORTATION

RENWICK ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SCALE: N.T.S. DRAWN BY CJO
DATE APRIL, 2011 CHECKED BY MFB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B56	01-00170-26-TL	WILL	171	35
STA. 85+00	TO STA. 118+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				

11/1/2011 P:\79766\cadd\dr-aw\ings\035M011A.dgn



REVISIONS	
NAME	DATE

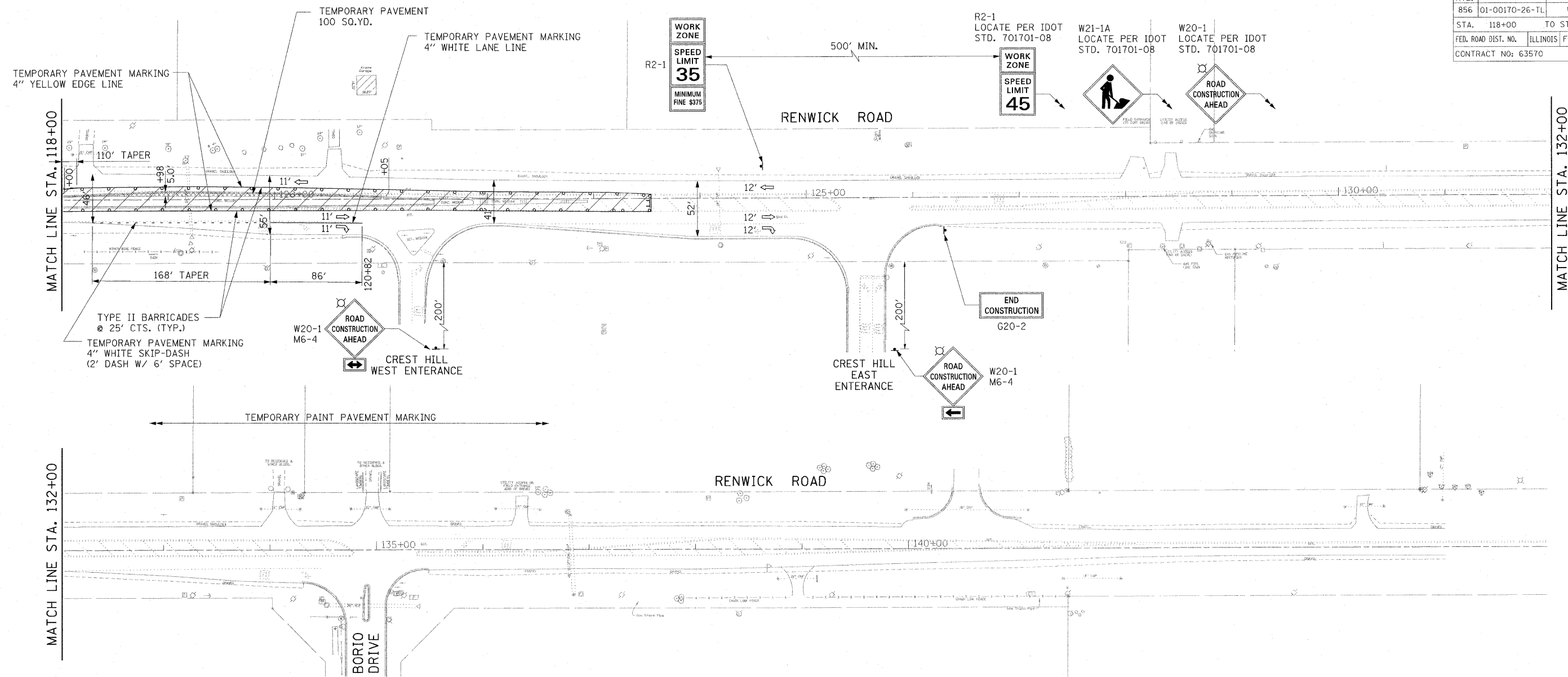
ILLINOIS DEPARTMENT OF TRANSPORTATION

RENWICK ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
ADVANCE WORK STAGE 1A

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	36
STA.	118+00	TO STA.	142+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DETECTOR LOOP
- TEMP. SIGNAL POLE
- TEMP. TRAFFIC SIGNAL HEAD
- SIGN ON WOOD POST
- TRAFFIC FLOW
- TRAFFIC CONTROL BARRICADE, TYPE III
- TRAFFIC CONTROL BARRICADE, TYPE II
- ARROW BOARD

REVISIONS	
NAME	DATE

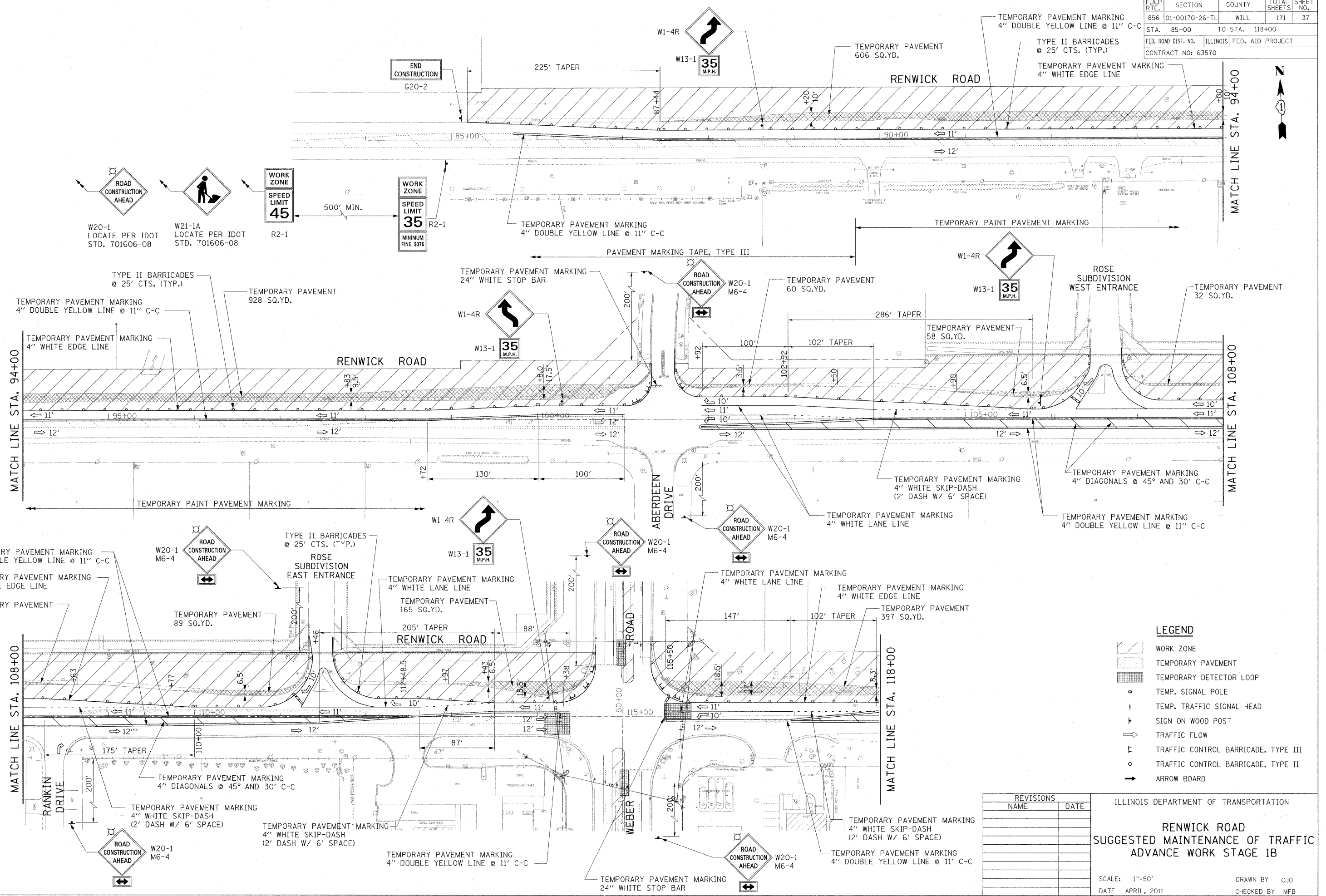
ILLINOIS DEPARTMENT OF TRANSPORTATION

RENWICK ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
ADVANCE WORK STAGE 1A

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	37
STA. 85+00	TO STA. 118+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DETECTOR LOOP
- TEMP. SIGNAL POLE
- TEMP. TRAFFIC SIGNAL HEAD
- SIGN ON WOOD POST
- TRAFFIC FLOW
- TRAFFIC CONTROL BARRICADE, TYPE III
- TRAFFIC CONTROL BARRICADE, TYPE II
- ARROW BOARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

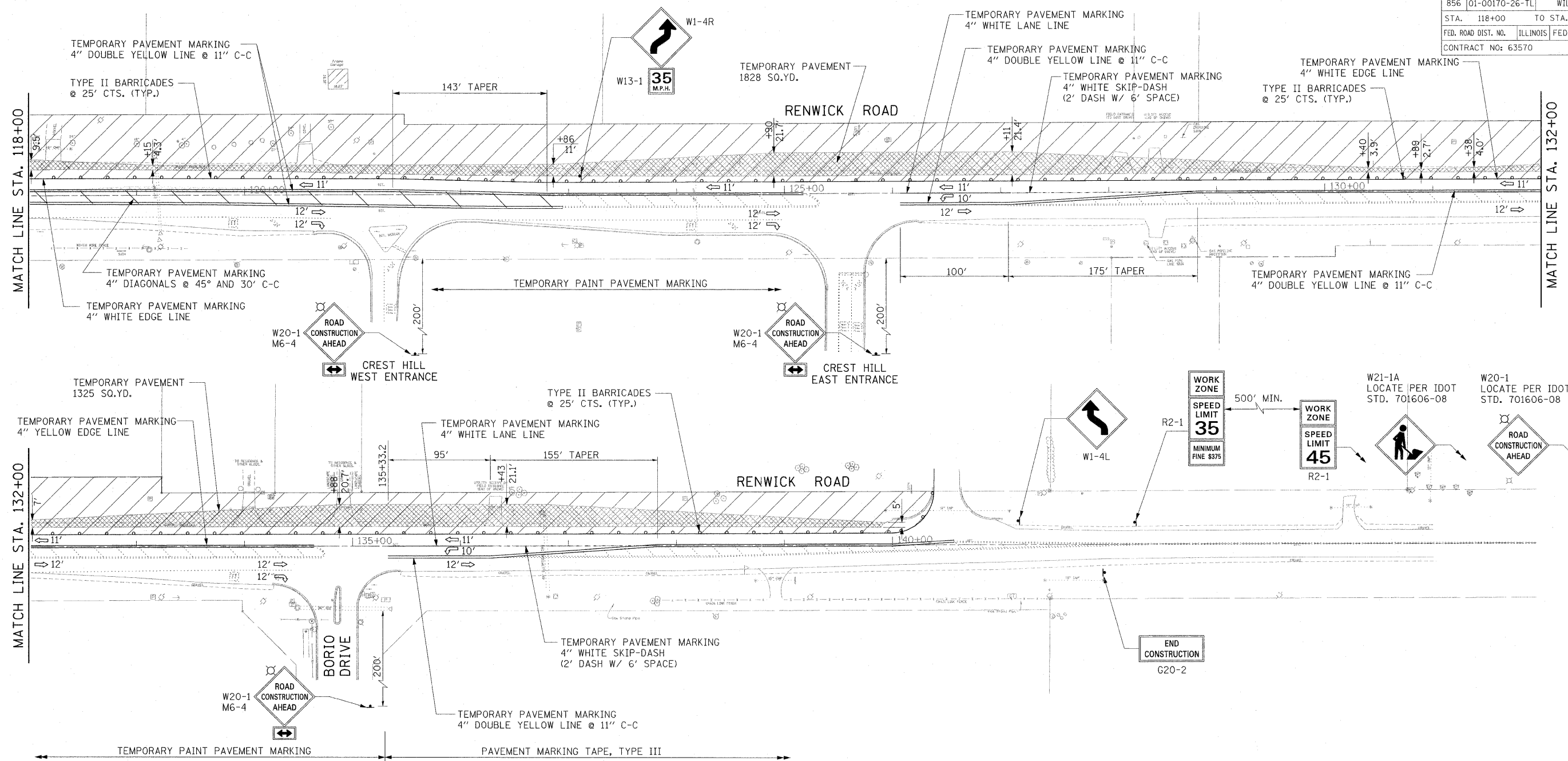
RENWICK ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
ADVANCE WORK STAGE 1B

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

11/1/2011 P:\79766\ceadd\drawings\037MDT1B.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	38
STA. 118+00	TO STA. 142+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



LEGEND

	WORK ZONE
	TEMPORARY PAVEMENT
	TEMPORARY DETECTOR LOOP
	TEMP. SIGNAL POLE
	TEMP. TRAFFIC SIGNAL HEAD
	SIGN ON WOOD POST
	TRAFFIC FLOW
	TRAFFIC CONTROL BARRICADE, TYPE III
	TRAFFIC CONTROL BARRICADE, TYPE II
	ARROW BOARD

REVISIONS	
NAME	DATE

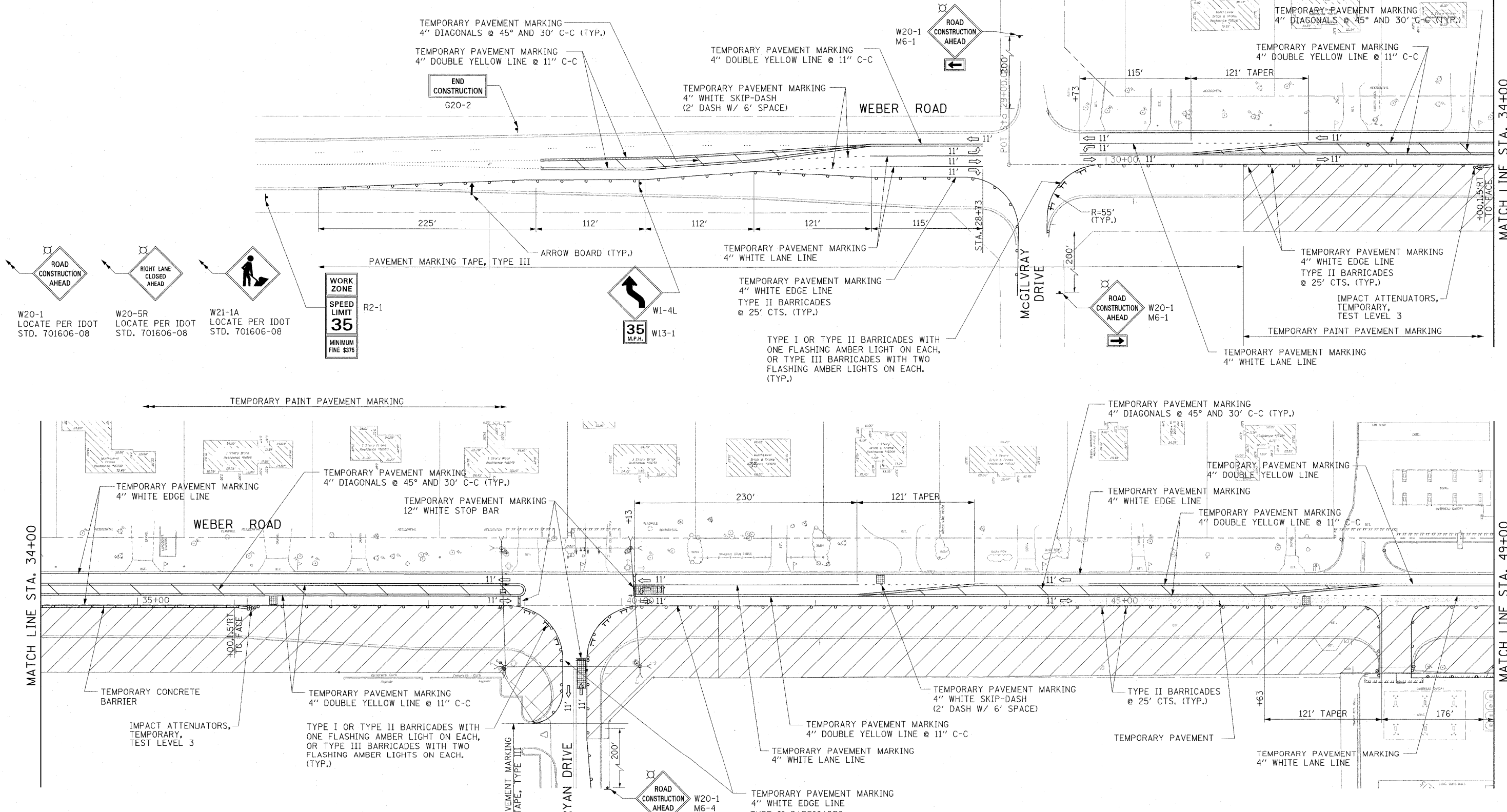
ILLINOIS DEPARTMENT OF TRANSPORTATION

**RENWICK ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
ADVANCE WORK STAGE 1B**

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

11/1/2011
P:\79766\cead\drawings\037M01B.dgn



MATCH LINE STA. 34+00

MATCH LINE STA. 49+00

LEGEND

- | | | | |
|--|---------------------------|--|-------------------------------------|
| | WORK ZONE | | SIGN ON WOOD POST |
| | TEMPORARY PAVEMENT | | TRAFFIC FLOW |
| | TEMPORARY DETECTOR LOOP | | TRAFFIC CONTROL BARRICADE, TYPE III |
| | TEMP. SIGNAL POLE | | TRAFFIC CONTROL BARRICADE, TYPE II |
| | TEMP. TRAFFIC SIGNAL HEAD | | ARROW BOARD |

REVISIONS	
NAME	DATE

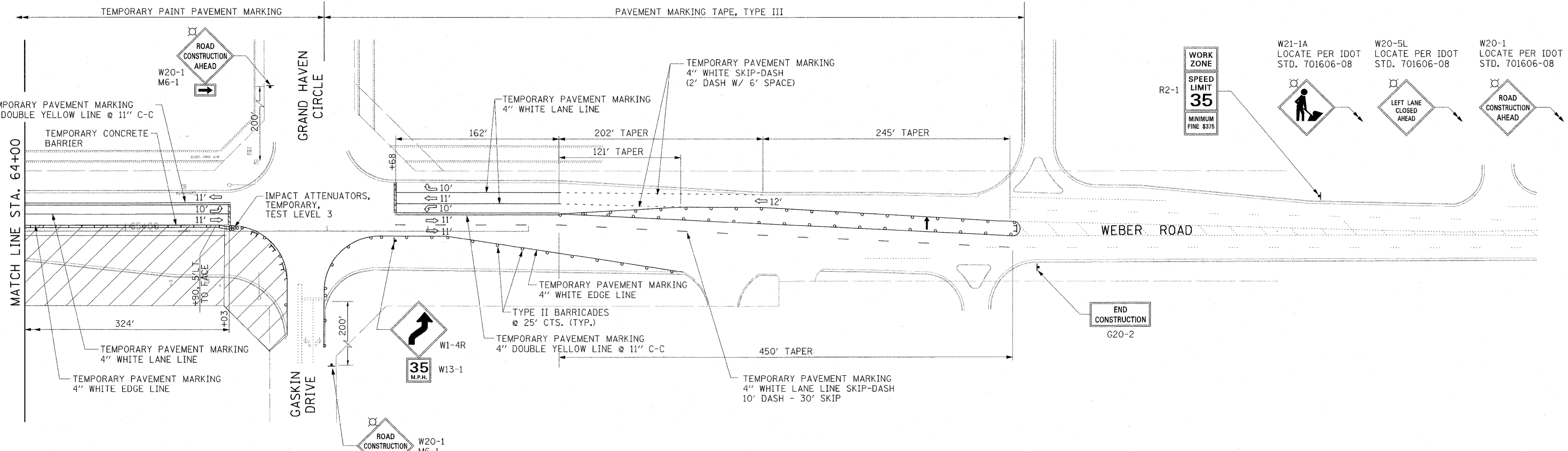
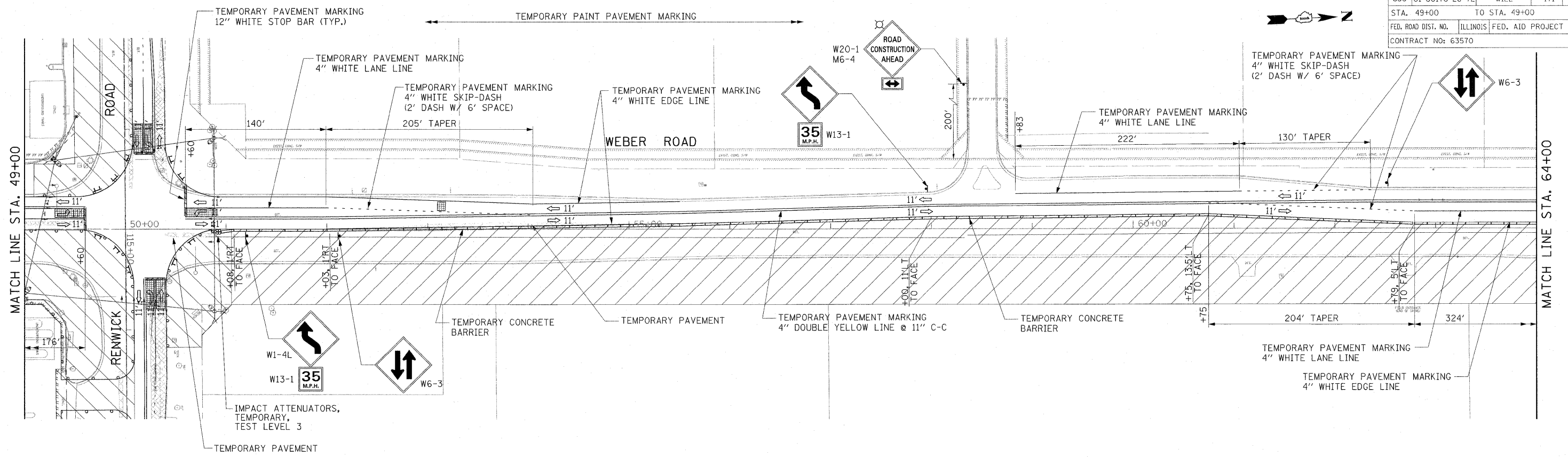
ILLINOIS DEPARTMENT OF TRANSPORTATION

**WEBER ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 2**

SCALE: 1"=50'
DATE: APRIL, 2011

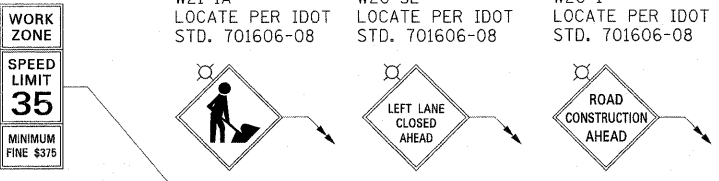
DRAWN BY: CJO
CHECKED BY: MFB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	40
STA. 49+00		TO STA. 49+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DETECTOR LOOP
- TEMP. SIGNAL POLE
- TEMP. TRAFFIC SIGNAL HEAD
- SIGN ON WOOD POST
- TRAFFIC FLOW
- TRAFFIC CONTROL BARRICADE, TYPE III
- TRAFFIC CONTROL BARRICADE, TYPE II
- ARROW BOARD



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

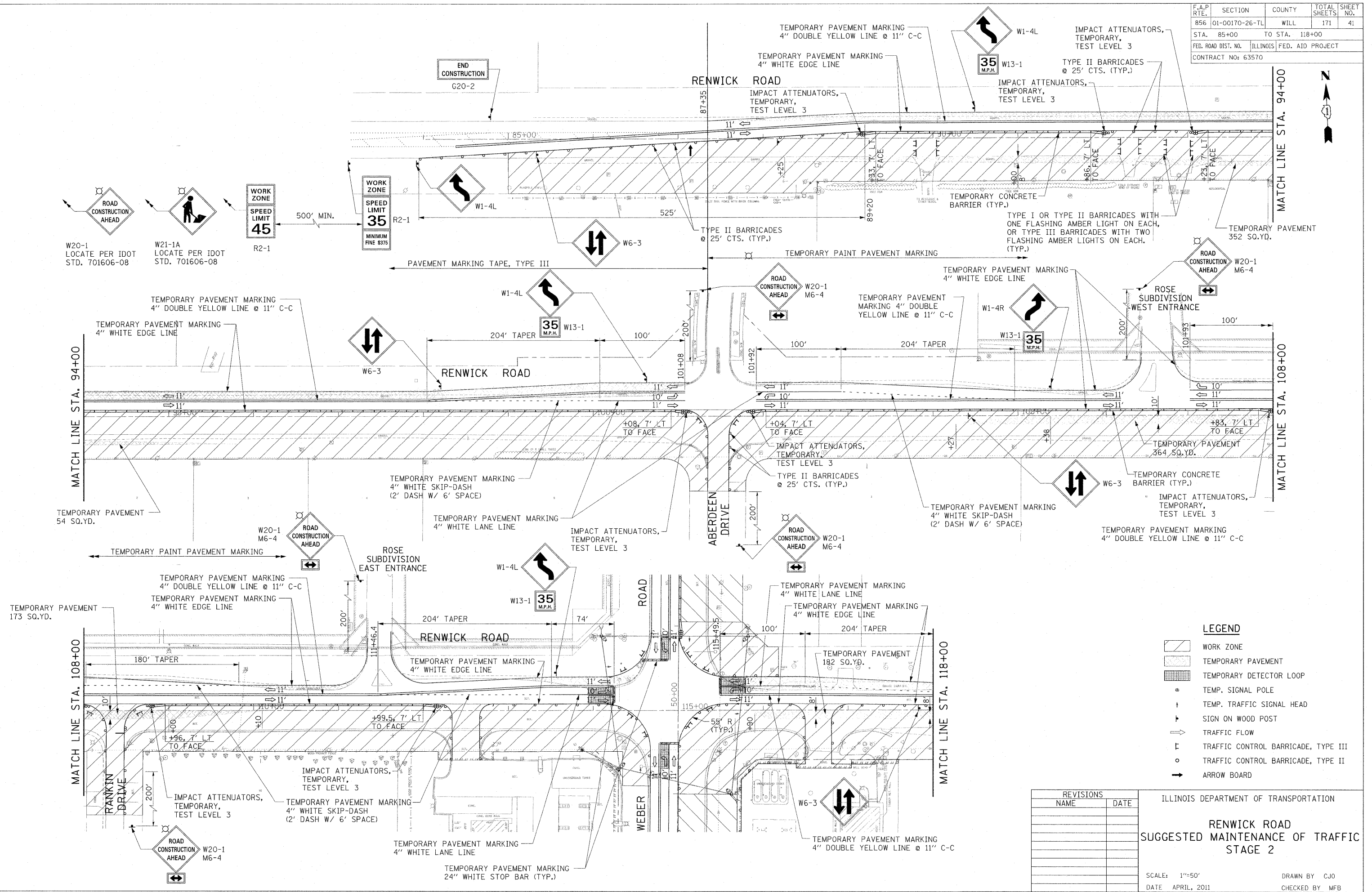
**WEBER ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 2**

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

11/1/2011 P:\79766\ceadd\drawings\039M012.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	41
STA. 85+00	TO STA. 118+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DETECTOR LOOP
- TEMP. SIGNAL POLE
- TEMP. TRAFFIC SIGNAL HEAD
- SIGN ON WOOD POST
- TRAFFIC FLOW
- TRAFFIC CONTROL BARRICADE, TYPE III
- TRAFFIC CONTROL BARRICADE, TYPE II
- ARROW BOARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**RENWICK ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 2**

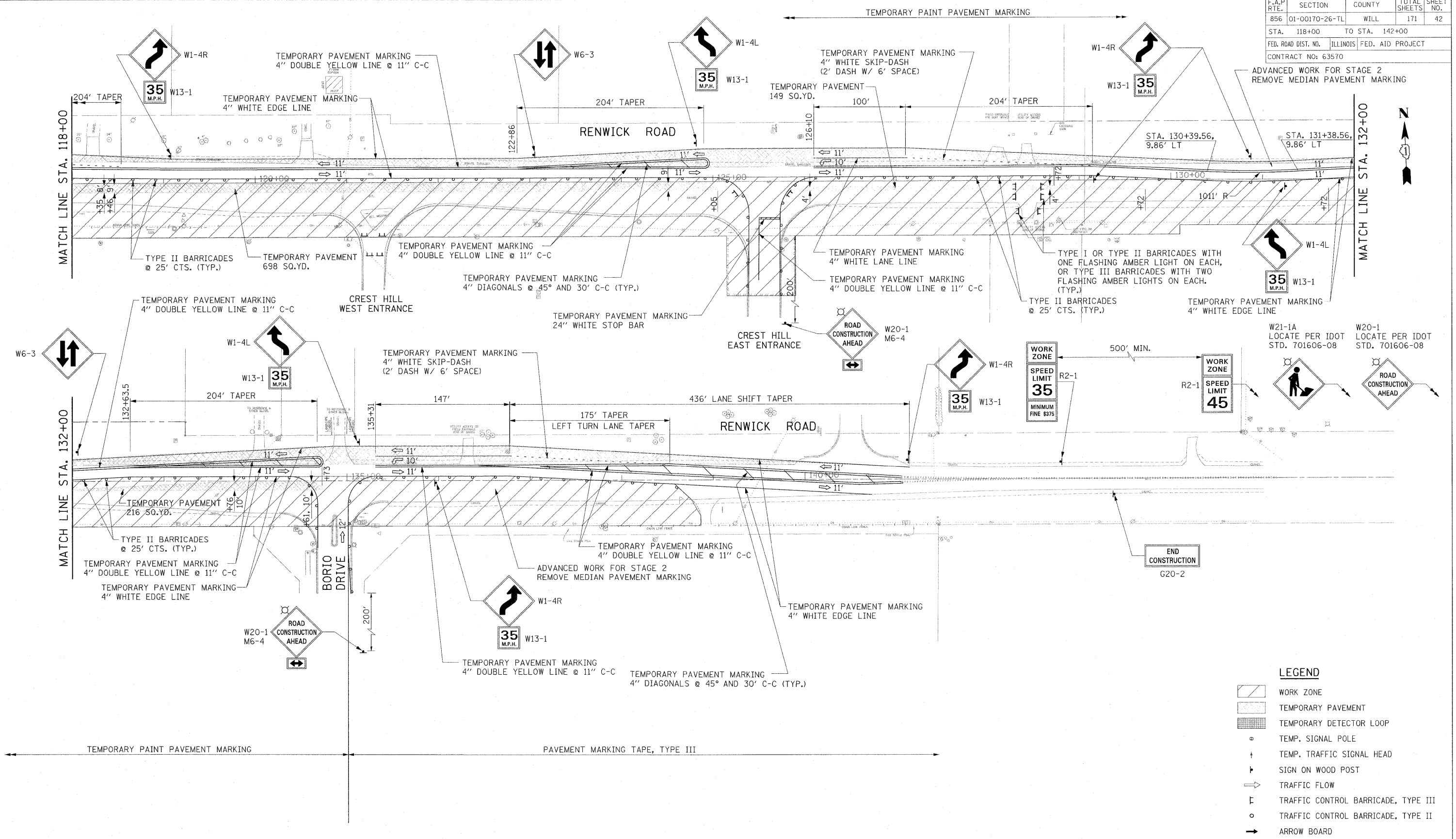
SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

11/1/2011 P:\79766\ceadd\drawings\041M012.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	42
STA.	118+00	TO STA.	142+00	
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	
CONTRACT NO: 63570				

ADVANCED WORK FOR STAGE 2
REMOVE MEDIAN PAVEMENT MARKING



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DETECTOR LOOP
- TEMP. SIGNAL POLE
- TEMP. TRAFFIC SIGNAL HEAD
- SIGN ON WOOD POST
- TRAFFIC FLOW
- TRAFFIC CONTROL BARRICADE, TYPE III
- TRAFFIC CONTROL BARRICADE, TYPE II
- ARROW BOARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

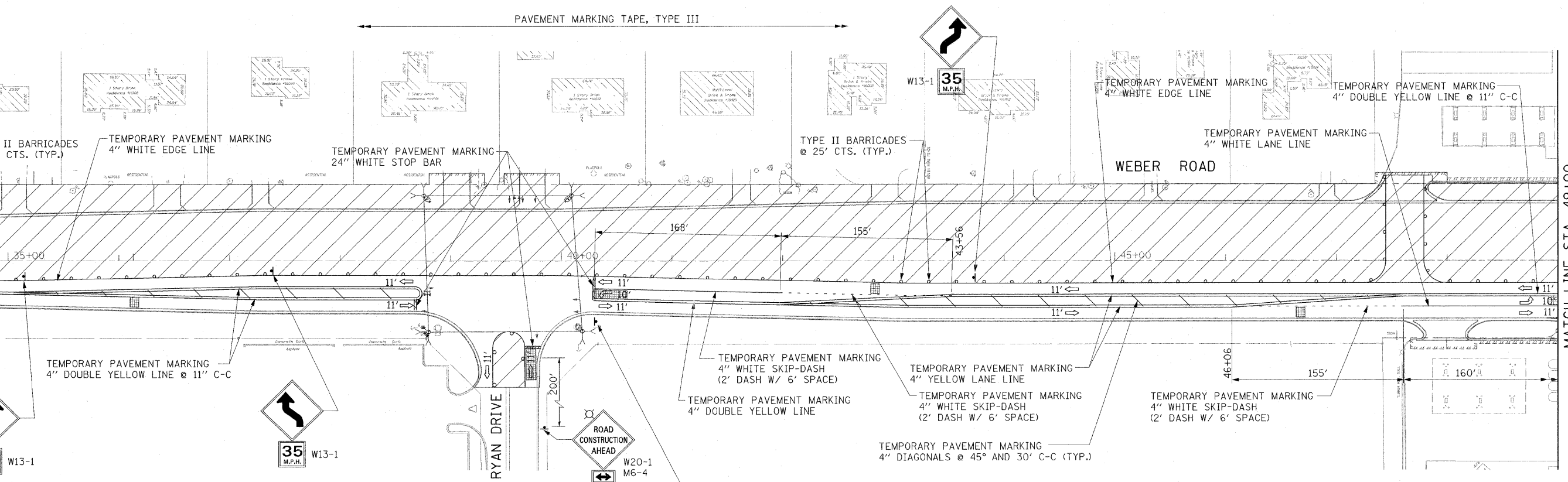
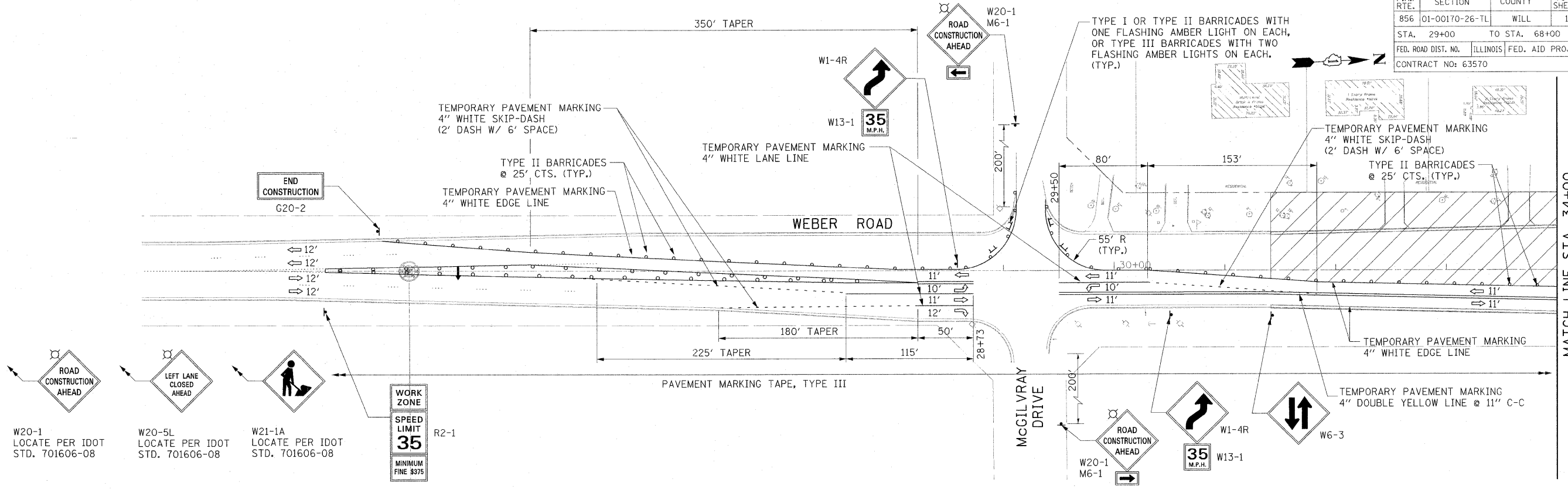
**RENWICK ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 2**

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

11/1/2011
P:\79766\cadd\drawings\041MOT2.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	43
STA. 29+00		TO STA. 68+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



LEGEND

	WORK ZONE		SIGN ON WOOD POST
	TEMPORARY PAVEMENT		TRAFFIC FLOW
	TEMPORARY DETECTOR LOOP		TRAFFIC CONTROL BARRICADE, TYPE III
	TEMP. SIGNAL POLE		TRAFFIC CONTROL BARRICADE, TYPE II
	TEMP. TRAFFIC SIGNAL HEAD		ARROW BOARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

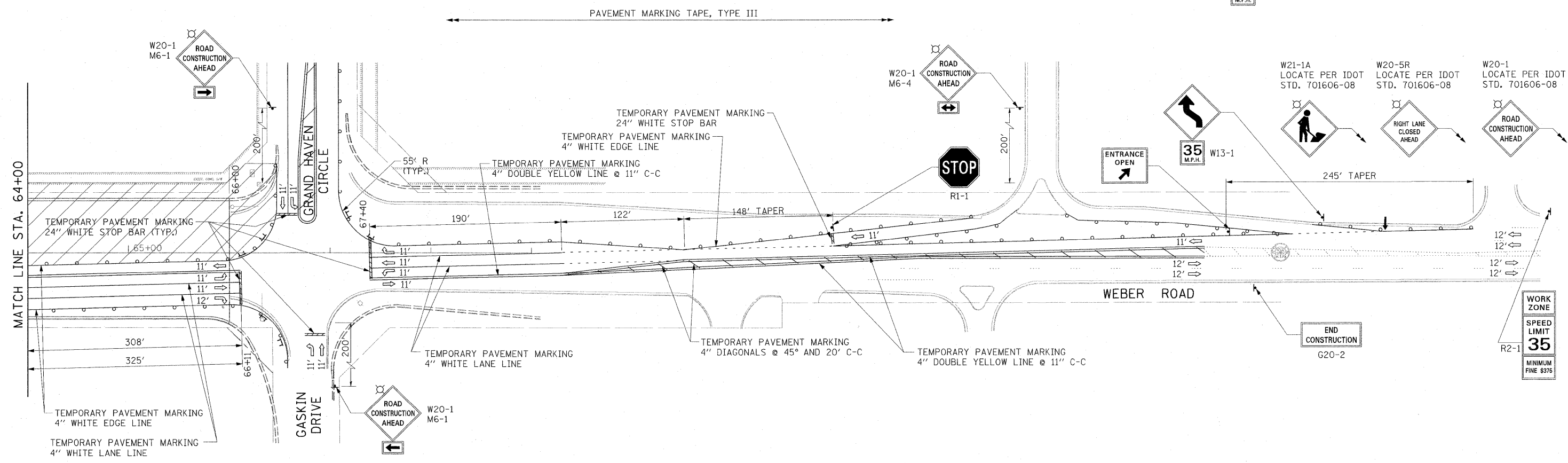
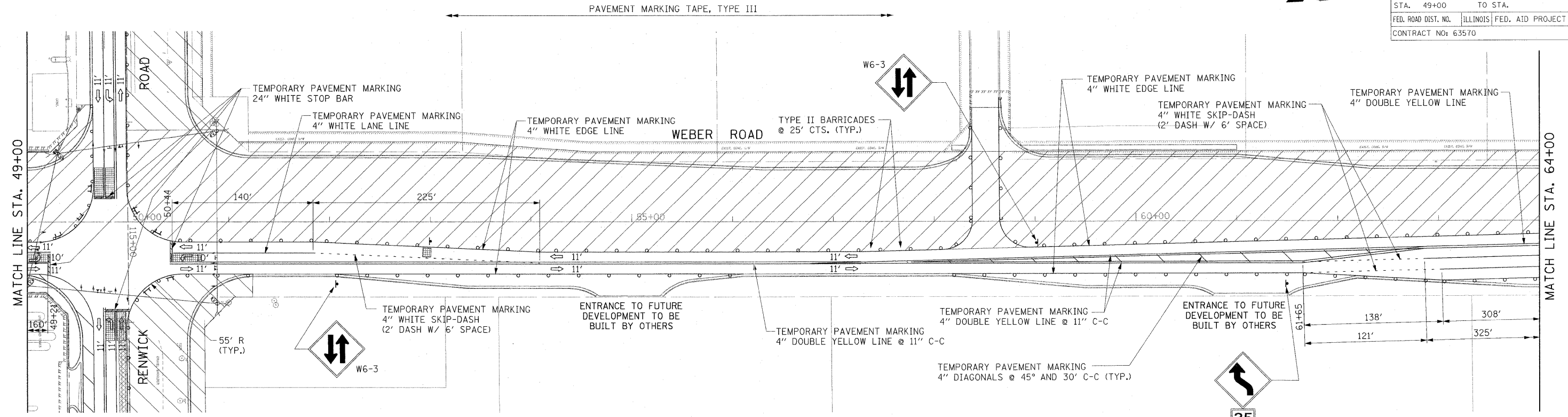
**WEBER ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

11/1/2011 P:\79766\cadd\drawings\043MOT3.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL.	171	44
STA.	49+00 TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DETECTOR LOOP
- TEMP. SIGNAL POLE
- TEMP. TRAFFIC SIGNAL HEAD
- SIGN ON WOOD POST
- TRAFFIC FLOW
- TRAFFIC CONTROL BARRICADE, TYPE III
- TRAFFIC CONTROL BARRICADE, TYPE II
- ARROW BOARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

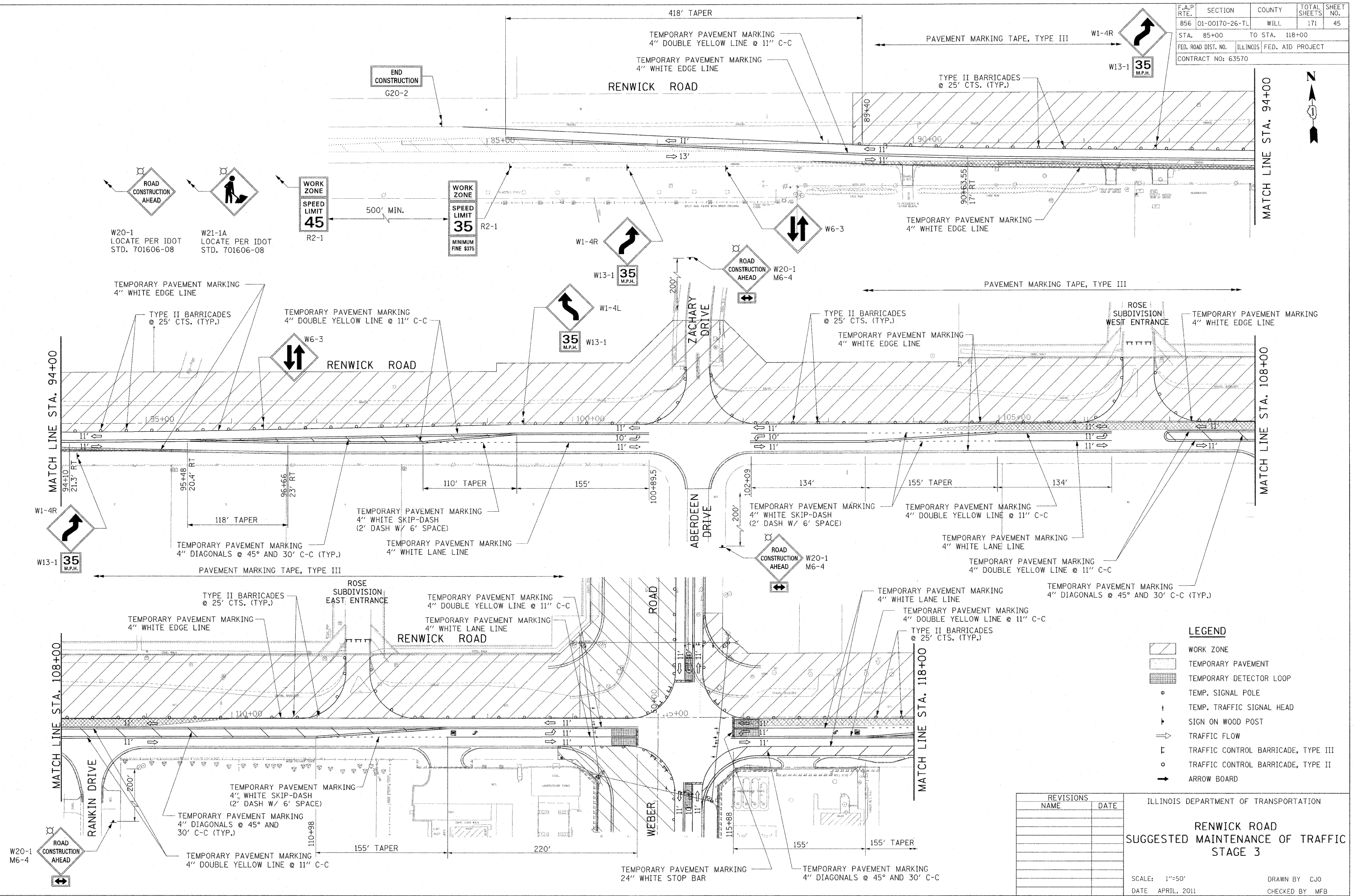
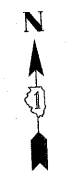
WEBER ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 3

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

11/1/2011
 P:\175766\cadd\drawings\043M0T3.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	45
STA. 85+00	TO STA. 118+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



LEGEND

	WORK ZONE
	TEMPORARY PAVEMENT
	TEMPORARY DETECTOR LOOP
	TEMP. SIGNAL POLE
	TEMP. TRAFFIC SIGNAL HEAD
	SIGN ON WOOD POST
	TRAFFIC FLOW
	TRAFFIC CONTROL BARRICADE, TYPE III
	TRAFFIC CONTROL BARRICADE, TYPE II
	ARROW BOARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

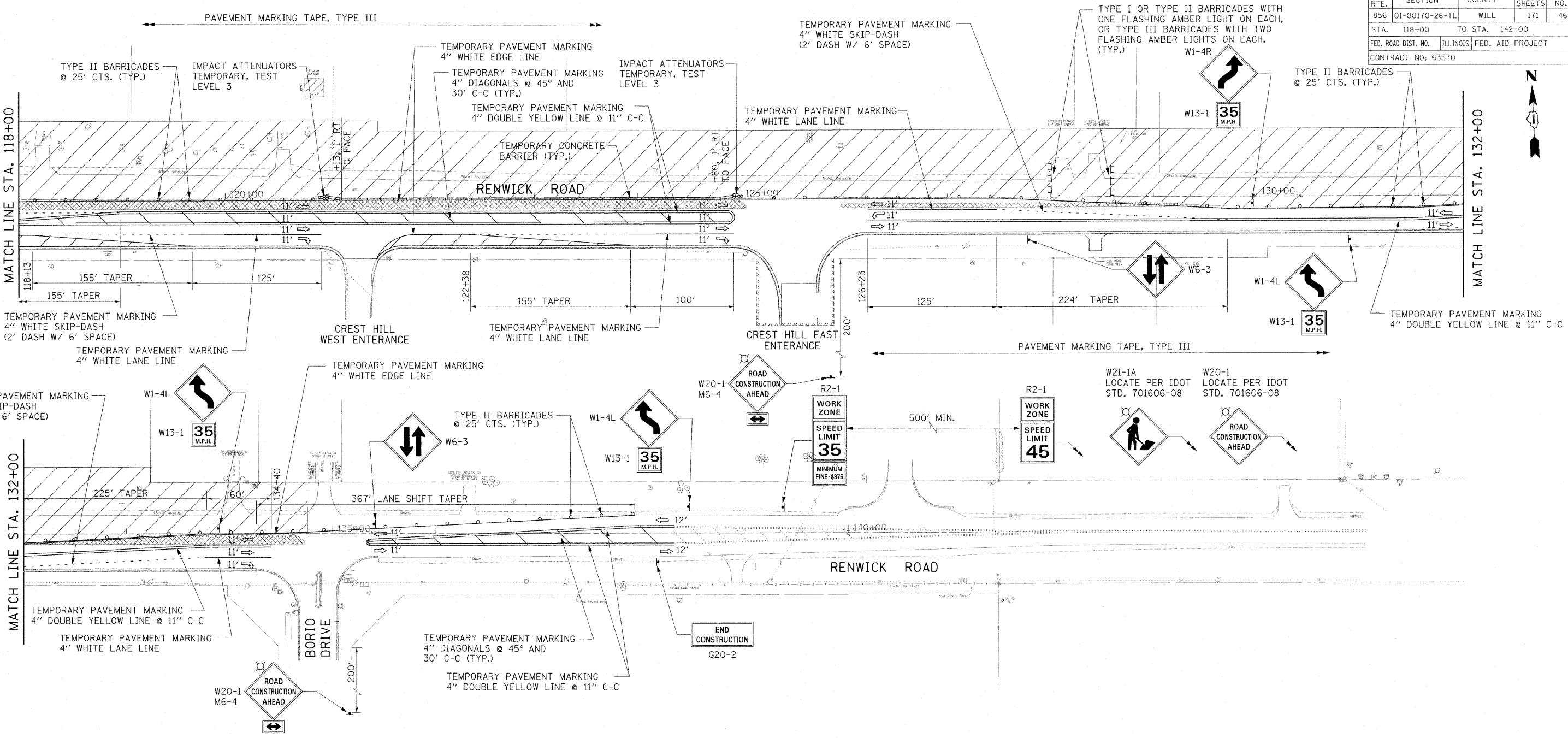
**RENWICK ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

11/17/2011
P:\79766\cedd\drawings\045MOT3.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	46
STA. 118+00	TO STA. 142+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DETECTOR LOOP
- TEMP. SIGNAL POLE
- TEMP. TRAFFIC SIGNAL HEAD
- SIGN ON WOOD POST
- TRAFFIC FLOW
- TRAFFIC CONTROL BARRICADE, TYPE III
- TRAFFIC CONTROL BARRICADE, TYPE II
- ARROW BOARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

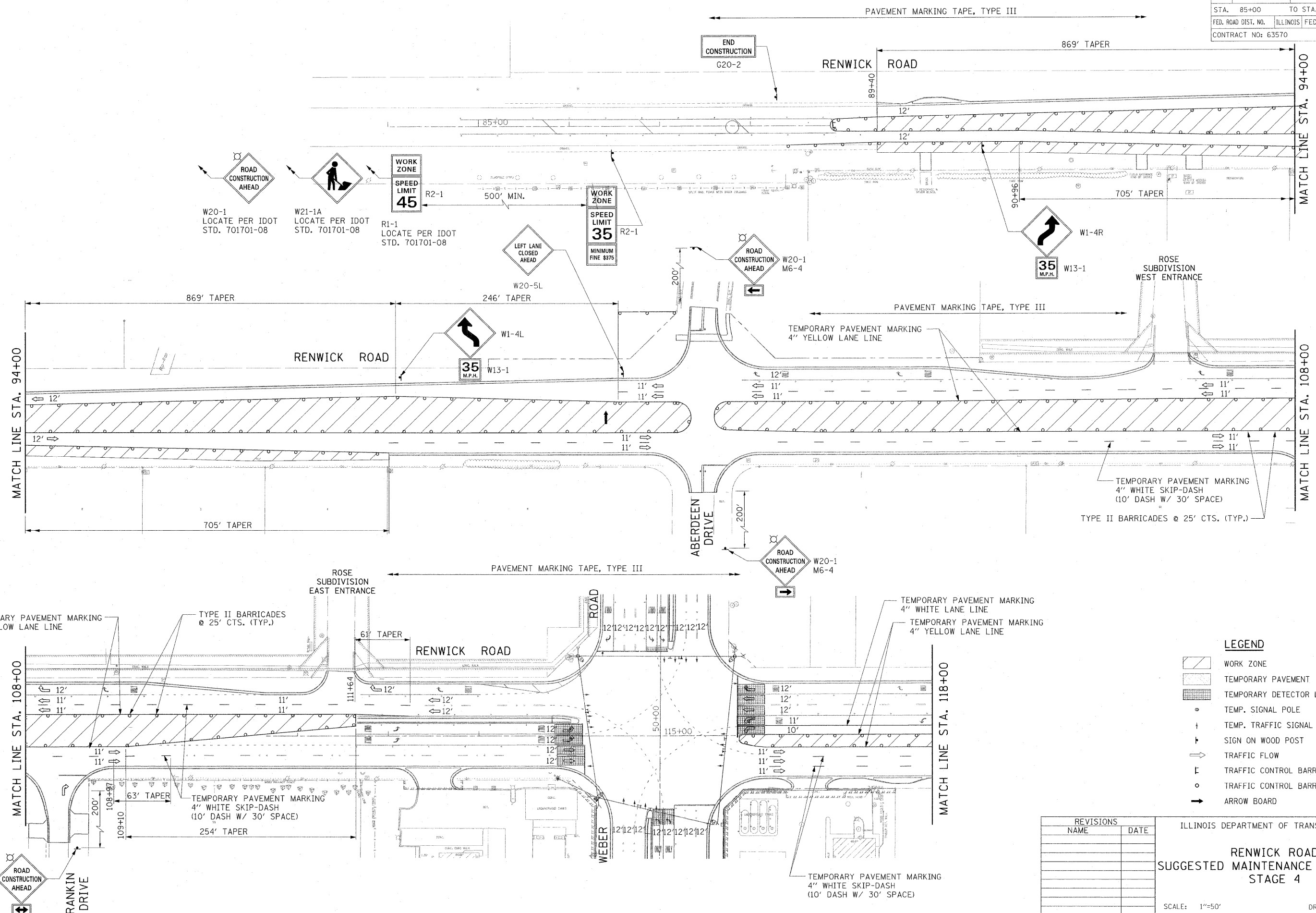
**RENWICK ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

11/1/2011 P:\79766\cadd\dr-wrings\045M013.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	47
STA. 85+00		TO STA. 118+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DETECTOR LOOP
- TEMP. SIGNAL POLE
- TEMP. TRAFFIC SIGNAL HEAD
- SIGN ON WOOD POST
- TRAFFIC FLOW
- TRAFFIC CONTROL BARRICADE, TYPE III
- TRAFFIC CONTROL BARRICADE, TYPE II
- ARROW BOARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

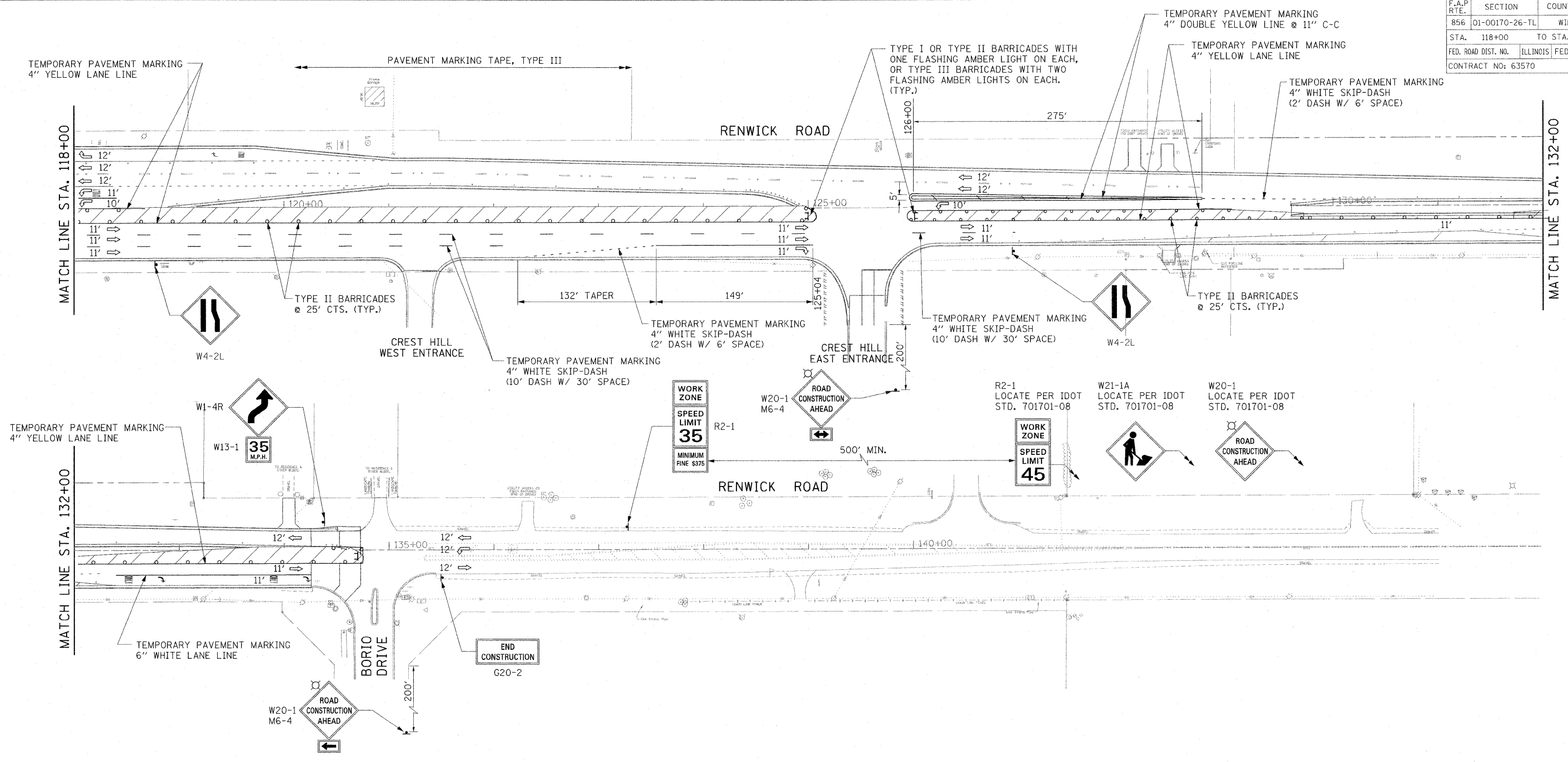
RENWICK ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 4

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

11/1/2011 P:\79766\cadd\drawings\047M014.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	48
STA.	118+00	TO STA.	142+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



LEGEND

	WORK ZONE
	TEMPORARY PAVEMENT
	TEMPORARY DETECTOR LOOP
	TEMP. SIGNAL POLE
	TEMP. TRAFFIC SIGNAL HEAD
	SIGN ON WOOD POST
	TRAFFIC FLOW
	TRAFFIC CONTROL BARRICADE, TYPE III
	TRAFFIC CONTROL BARRICADE, TYPE II
	ARROW BOARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

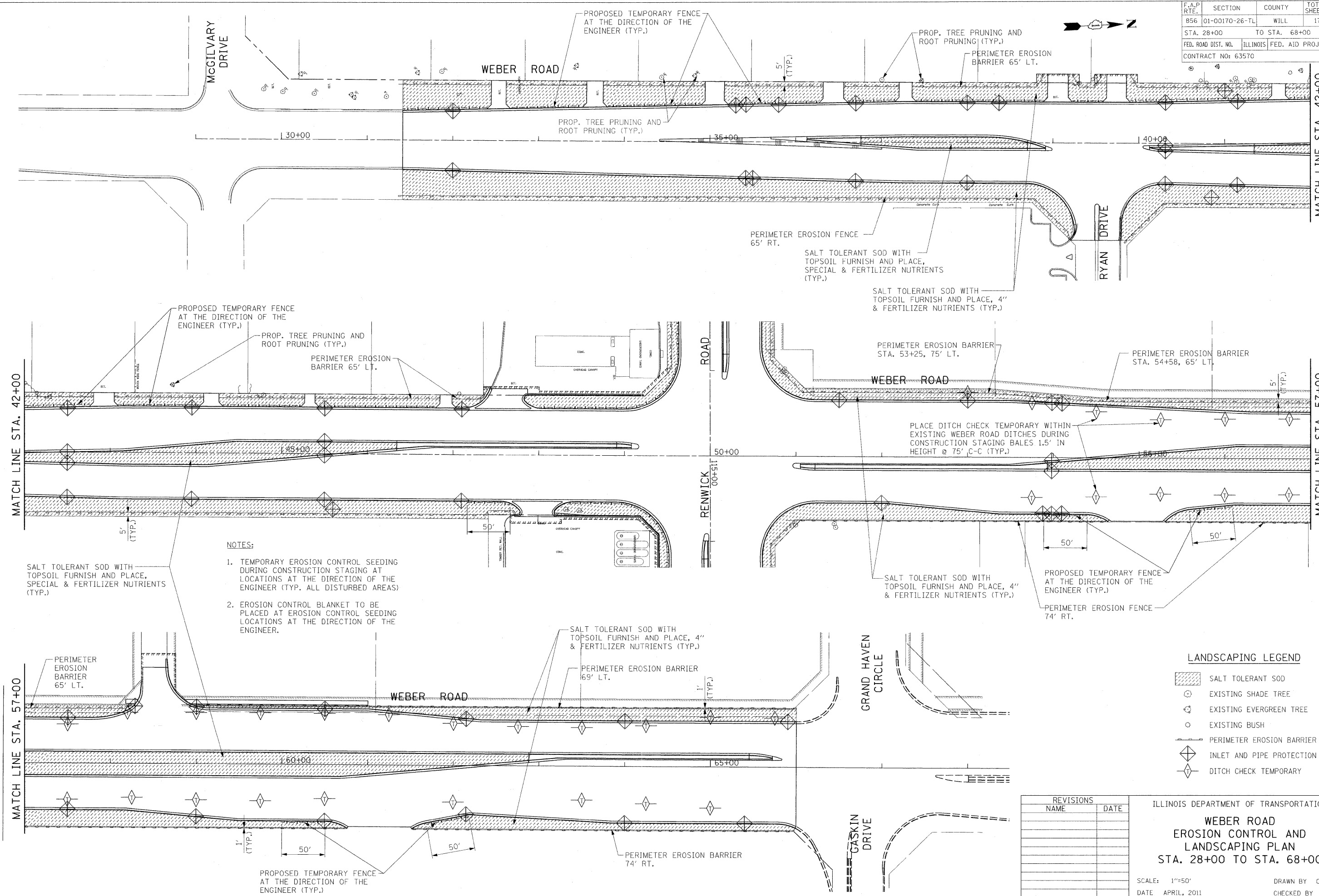
**RENWICK ROAD
SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 4**

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

11/1/2011 P:\79766\cadd\drawings\047MOT4.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B56	01-00170-26-TL	WILL	171	49
STA. 28+00		TO STA. 68+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



- NOTES:**
1. TEMPORARY EROSION CONTROL SEEDING DURING CONSTRUCTION STAGING AT LOCATIONS AT THE DIRECTION OF THE ENGINEER (TYP. ALL DISTURBED AREAS)
 2. EROSION CONTROL BLANKET TO BE PLACED AT EROSION CONTROL SEEDING LOCATIONS AT THE DIRECTION OF THE ENGINEER.

LANDSCAPING LEGEND

	SALT TOLERANT SOD
	EXISTING SHADE TREE
	EXISTING EVERGREEN TREE
	EXISTING BUSH
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION
	DITCH CHECK TEMPORARY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WEBER ROAD
EROSION CONTROL AND
LANDSCAPING PLAN
STA. 28+00 TO STA. 68+00**

SCALE: 1"=50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

8/22/2011 P:\79766\cadd\drawings\049\landscape.dgn

ENVIRONMENTAL CONTROL NOTES

EROSION AND SEDIMENT CONTROL NOTES:

MINIMIZE AIR POLLUTION BY REQUIRING USE OF PROPERLY OPERATING COMBUSTION EMISSION CONTROL DEVICES ON CONSTRUCTION VEHICLES AND EQUIPMENT AND ENCOURAGE SHUTDOWN OF MOTORIZED EQUIPMENT NOT IN USE.

DO NOT BURN TRASH ON CONSTRUCTION SITE.

PRIOR TO START OF CONSTRUCTION IN ANY AREA:

SEQUENCE THE CONSTRUCTION AS IT RELATES TO INSTALLATION, PHASING, AND REMOVAL OF SEDIMENT CONTROL MEASURES.

PROVIDE EROSION CONTROL MEASURES, IN PLACE, BEFORE COMMENCING WORK ON PROJECT SITE.

1. MAINTAIN EROSION CONTROL MEASURE DURING COURSE OF CONSTRUCTION.
2. REMOVE EROSION CONTROL MEASURES UPON ESTABLISHMENT OF PERMANENT, SURFACE STABILIZATION.

MAINTAIN THE EROSION CONTROL BARRIER IN EFFECTIVE OPERATING CONDITION, REMOVING ACCUMULATIONS OF SILT AND INSPECTING AT LEAST WEEKLY AND AFTER EVERY RAINFALL OF 0.5 INCHES OR GREATER. SHOULD THE BARRIER DETERIORATE OR BECOME INEFFECTIVE THEY SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN: THEY IMPAIR THE FUNCTION OF THE BARRIER OR AFFECT DRAINAGE, THE BARRIER SHOWS SIGNS OF COLLAPSE, THE DOWN-STREAM AREA IS ENDANGERED, OR THE DEPOSITS ARE INTERFERING WITH PEDESTRIAN OR VEHICULAR TRAFFIC.

ANY SEDIMENT REMAINING AFTER THE EROSION CONTROL BARRIER IS REMOVED SHALL BE REMOVED AND THE AREA SODDED.

CATCH BASINS & INLETS:

INSTALL DRAINAGE STRUCTURE INLET FILTERS ON ALL INLETS AND CATCH BASINS RECEIVING RUN-OFF FROM THE PROJECT. INSPECT THE FILTERS AT LEAST DAILY DURING PROLONGED RAINFALL AND AFTER EVERY RAINFALL. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR INLET FILTERS.

STREETS:

PROVIDE DUST CONTROL IN ACCORDANCE WITH ARTICLE 107.36. ANY ACCUMULATIONS OF DUST OR MUD ON STREETS SHALL BE REMOVED DAILY.

NOISE:

CONDUCT OPERATIONS TO CAUSE LEAST ANNOYANCE TO RESIDENTS IN VICINITY OF WORK, AND COMPLY WITH APPLICABLE LOCAL ORDINANCES.

EQUIP COMPRESSORS, HOISTS, AND OTHER APPARATUS WITH MECHANICAL DEVICES NECESSARY TO MINIMIZE NOISE AND DUST. EQUIP COMPRESSORS WITH SILENCERS ON INTAKE LINES.

EQUIP GASOLINE OR OIL-OPERATED EQUIPMENT WITH SILENCERS OR MUFFLERS ON INTAKE AND EXHAUST LINES.

IF PILES ARE REQUIRED, USE ONLY PILEDRIIVER HAMMERS WITH MUFFLERS CAPABLE OF SIGNIFICANTLY REDUCING NOISE AND USE BARRIERS OR SHIELDING TECHNIQUES AS NECESSARY TO COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL ORDINANCES.

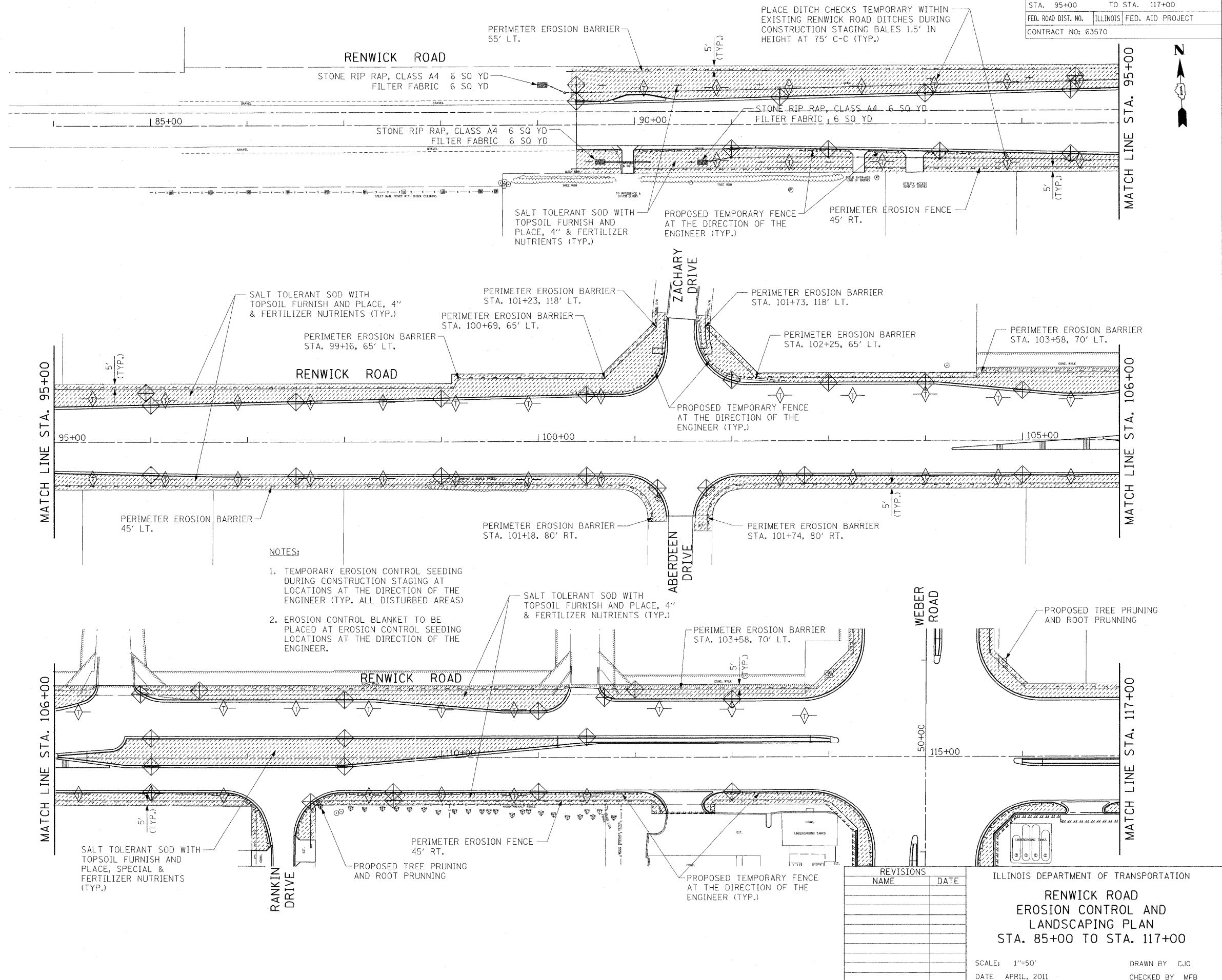
FUEL AND LUBRICANTS:

REPORT SPILLS OR LEAKS FROM FUELING EQUIPMENT OR CONSTRUCTION EQUIPMENT TO OWNER AND CLEANUP AS REQUIRED.

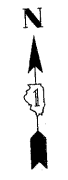
ENGINEER MAY REQUIRE CONTRACTOR TO REMOVE DAMAGED OR LEAKING EQUIPMENT FROM PROJECT SITE.

LANDSCAPING LEGEND

- SALT TOLERANT SOD
- EXISTING SHADE TREE
- EXISTING EVERGREEN TREE
- EXISTING BUSH
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- DITCH CHECK TEMPORARY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	50
STA. 95+00		TO STA. 117+00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT
CONTRACT NO: 63570				



NOTES:

1. TEMPORARY EROSION CONTROL SEEDING DURING CONSTRUCTION STAGING AT LOCATIONS AT THE DIRECTION OF THE ENGINEER (TYP. ALL DISTURBED AREAS)
2. EROSION CONTROL BLANKET TO BE PLACED AT EROSION CONTROL SEEDING LOCATIONS AT THE DIRECTION OF THE ENGINEER.

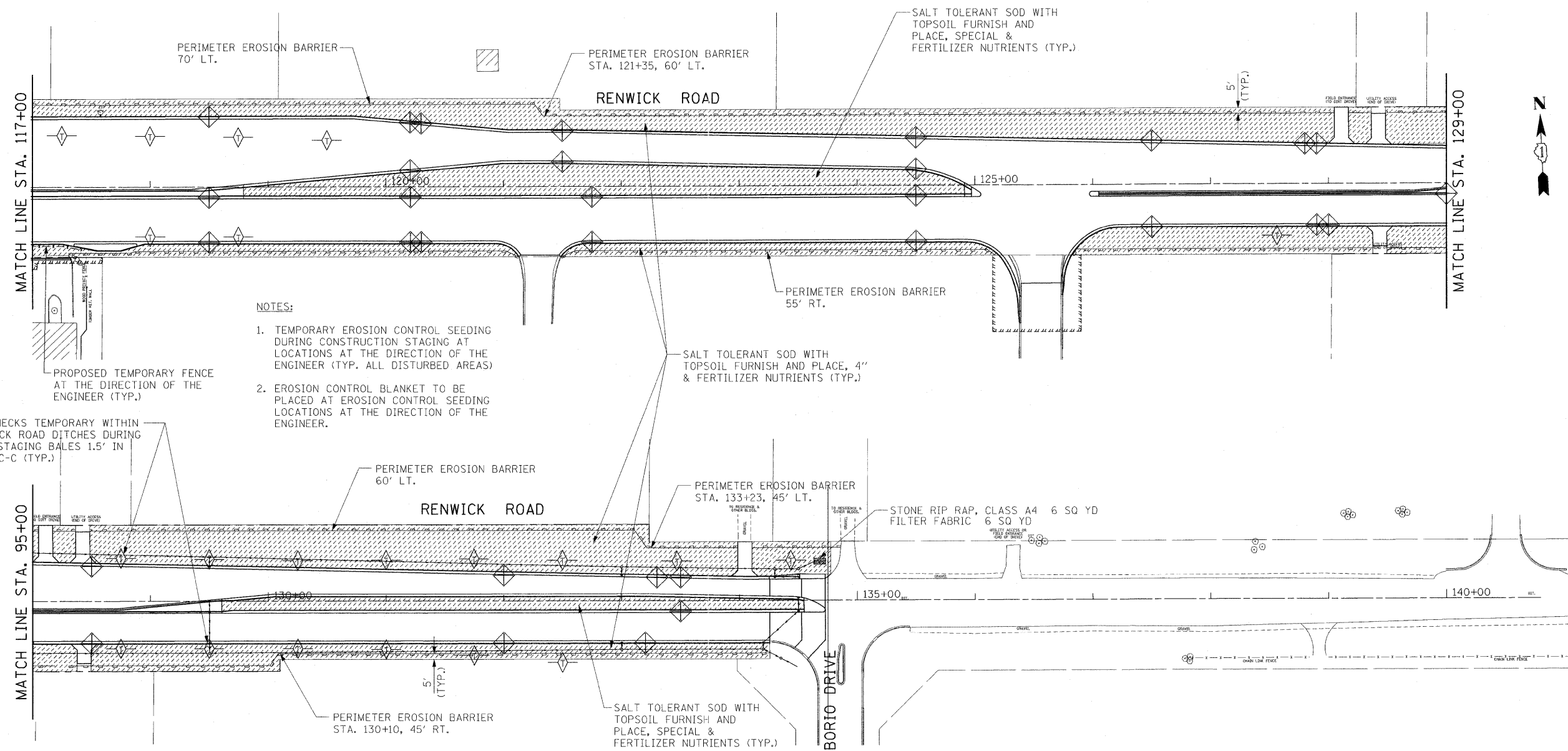
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RENWICK ROAD
EROSION CONTROL AND
LANDSCAPING PLAN
STA. 85+00 TO STA. 117+00

SCALE: 1"=50'
 DATE: APRIL, 2011
 DRAWN BY: CJO
 CHECKED BY: MFB

8/22/2011 P:\79766\cadd\drawings\0501\landscaps.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	51
STA. 117+00		TO STA. 141+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



- NOTES:
1. TEMPORARY EROSION CONTROL SEEDING DURING CONSTRUCTION STAGING AT LOCATIONS AT THE DIRECTION OF THE ENGINEER (TYP. ALL DISTURBED AREAS)
 2. EROSION CONTROL BLANKET TO BE PLACED AT EROSION CONTROL SEEDING LOCATIONS AT THE DIRECTION OF THE ENGINEER.

PLACE DITCH CHECKS TEMPORARY WITHIN EXISTING RENWICK ROAD DITCHES DURING CONSTRUCTION STAGING BALES 1.5' IN HEIGHT AT 75' C-C (TYP.)

LANDSCAPING LEGEND

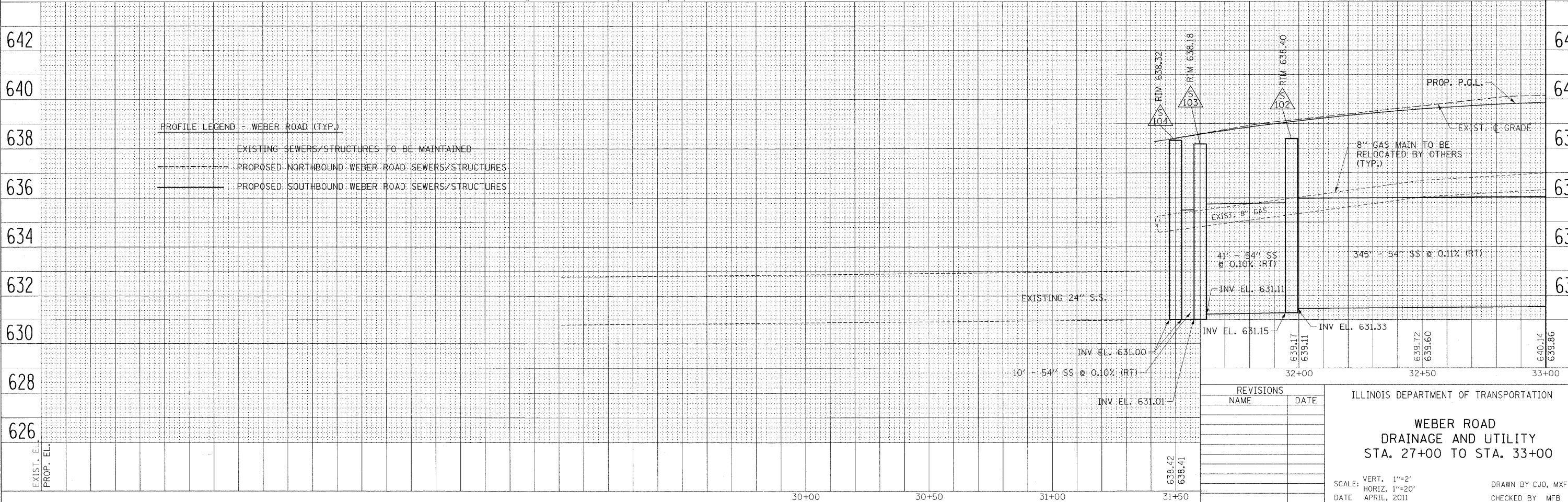
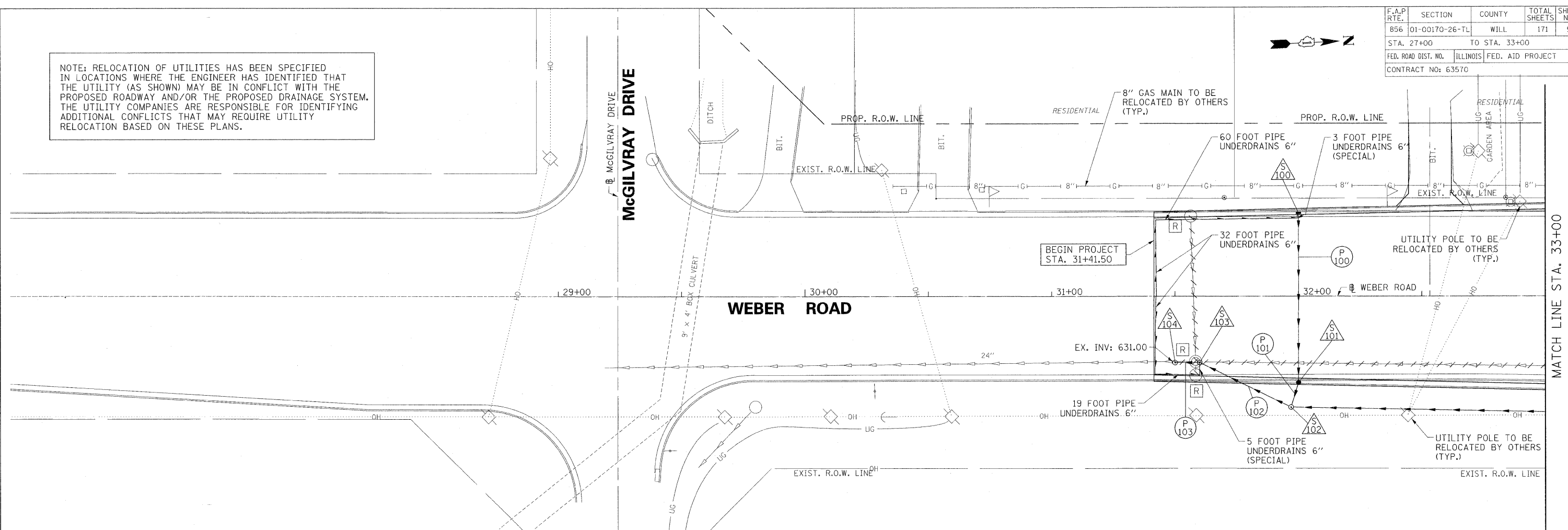
- SALT TOLERANT SOD
- EXISTING SHADE TREE
- EXISTING EVERGREEN TREE
- EXISTING BUSH
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- DITCH CHECK TEMPORARY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**RENWICK ROAD
 EROSION CONTROL AND
 LANDSCAPING PLAN
 STA. 117+00 TO STA. 141+00**
 SCALE: 1"=50'
 DATE: APRIL, 2011
 DRAWN BY: CJO
 CHECKED BY: MFB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	52
STA. 27+00		TO STA. 33+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				

NOTE: RELOCATION OF UTILITIES HAS BEEN SPECIFIED IN LOCATIONS WHERE THE ENGINEER HAS IDENTIFIED THAT THE UTILITY (AS SHOWN) MAY BE IN CONFLICT WITH THE PROPOSED ROADWAY AND/OR THE PROPOSED DRAINAGE SYSTEM. THE UTILITY COMPANIES ARE RESPONSIBLE FOR IDENTIFYING ADDITIONAL CONFLICTS THAT MAY REQUIRE UTILITY RELOCATION BASED ON THESE PLANS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WEBER ROAD
DRAINAGE AND UTILITY
STA. 27+00 TO STA. 33+00**

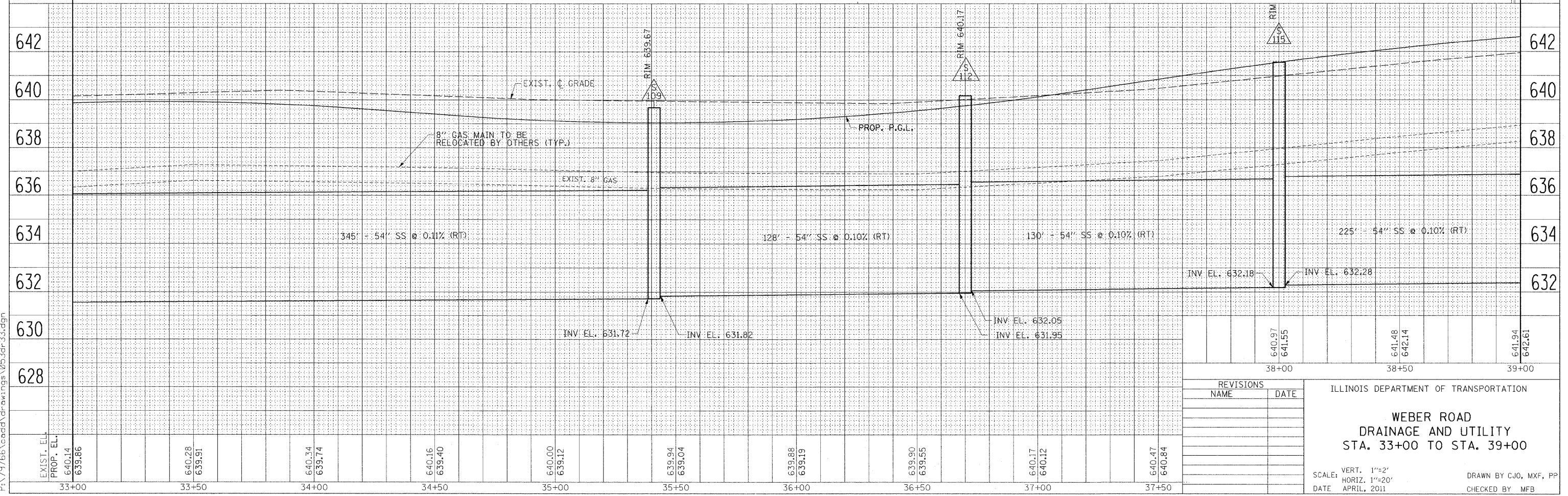
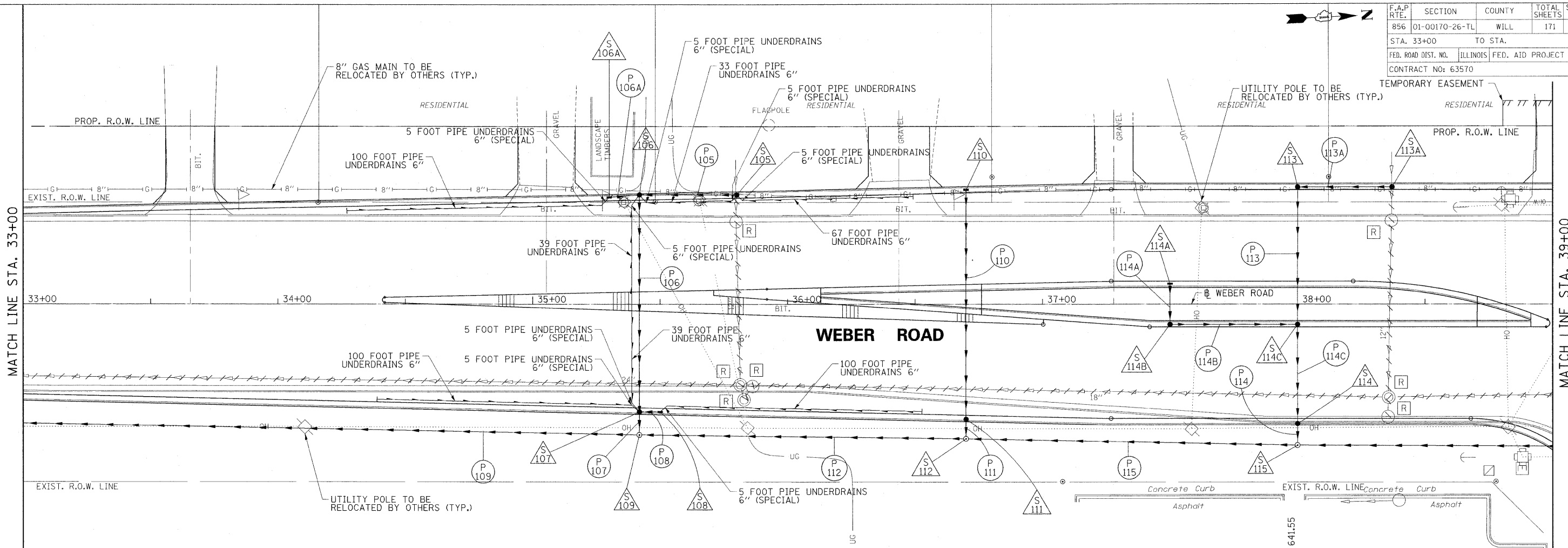
SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

8/22/2011 P:\19766\ceada\drawings\052dr-27.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	53
STA. 33+00		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



8/22/2011
 P:\79766\cadd\drawings\053dr-33.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WEBER ROAD
DRAINAGE AND UTILITY**
 STA. 33+00 TO STA. 39+00

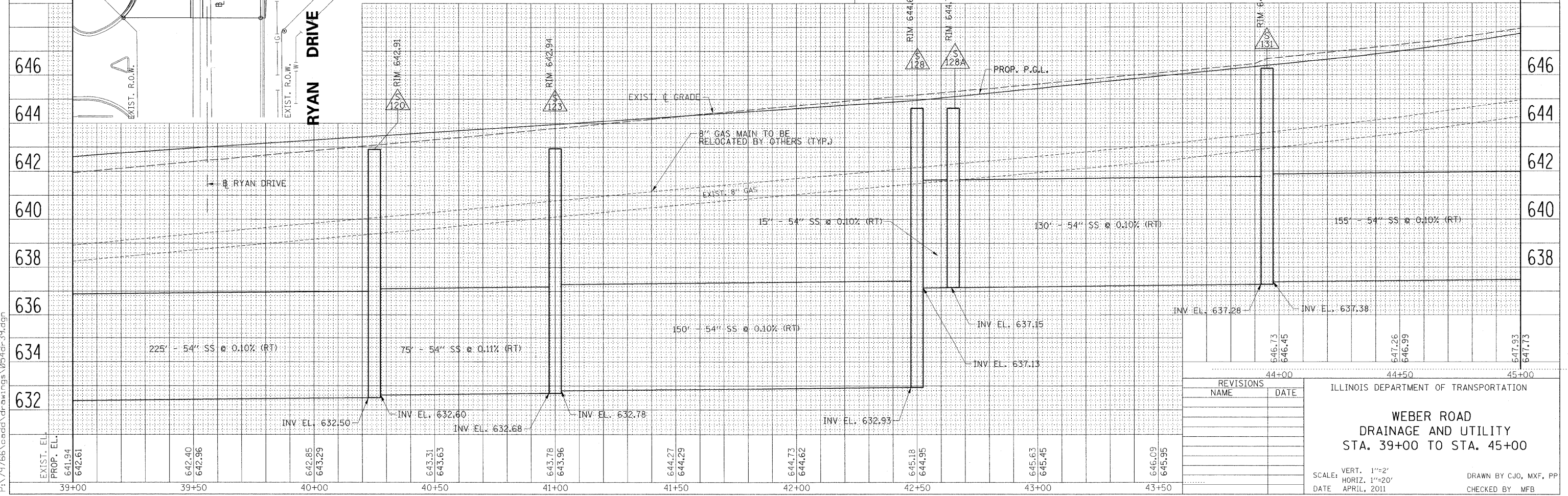
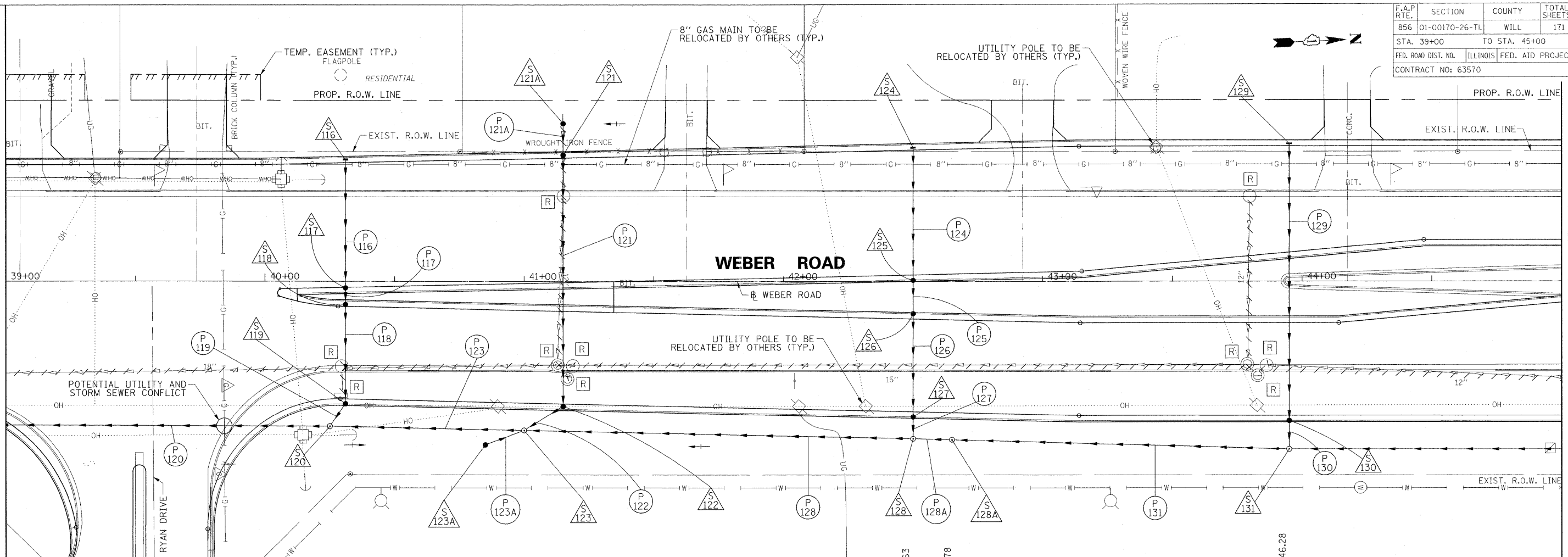
SCALE: VERT. 1"=2'
 HORIZ. 1"=20'
 DATE: APRIL, 2011

DRAWN BY CJO, MXF, PP
 CHECKED BY MFB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	54
STA. 39+00		TO STA. 45+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				

MATCH LINE STA. 39+00

MATCH LINE STA. 45+00



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WEBER ROAD
DRAINAGE AND UTILITY
STA. 39+00 TO STA. 45+00**

SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

B:\22\2011\p\179766\cadd\drawings\054dr-39.dgn

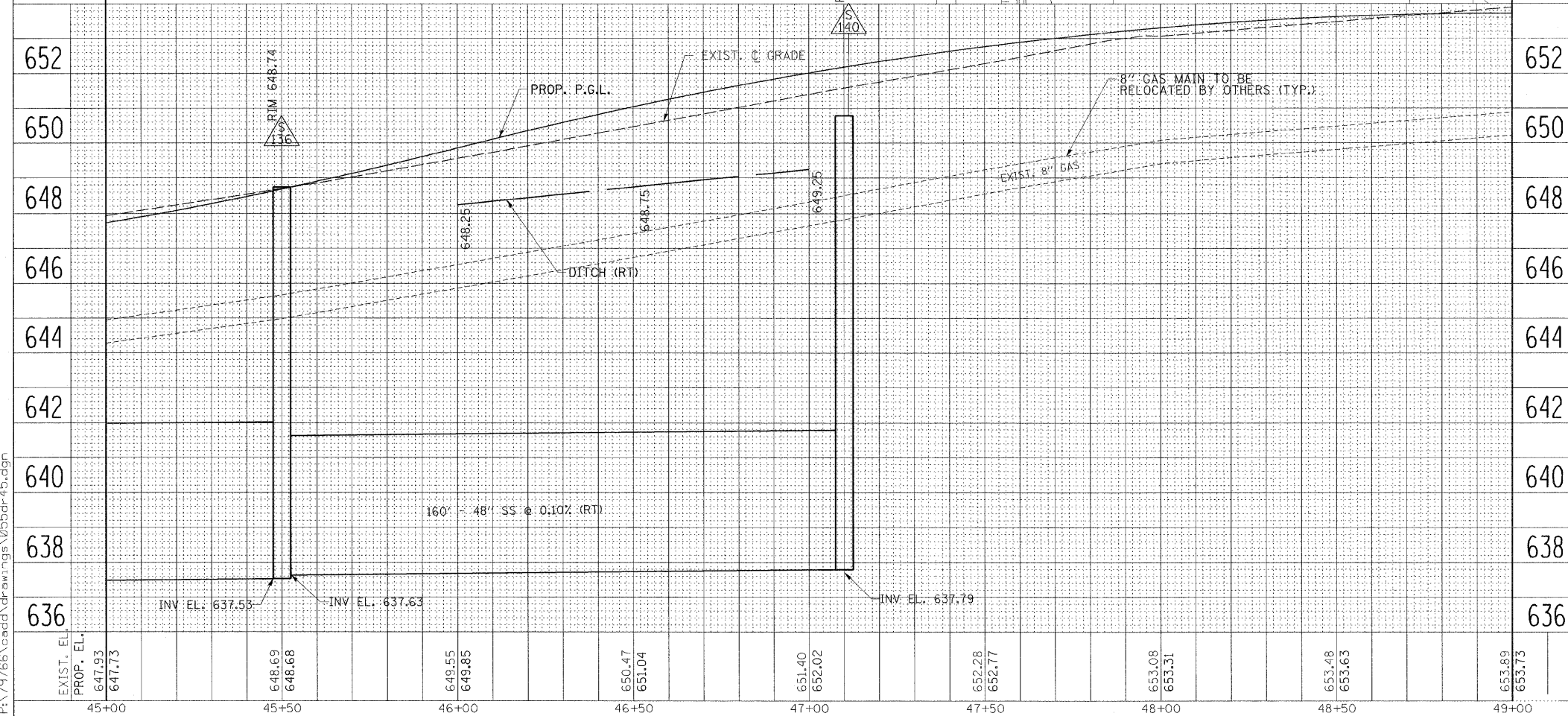
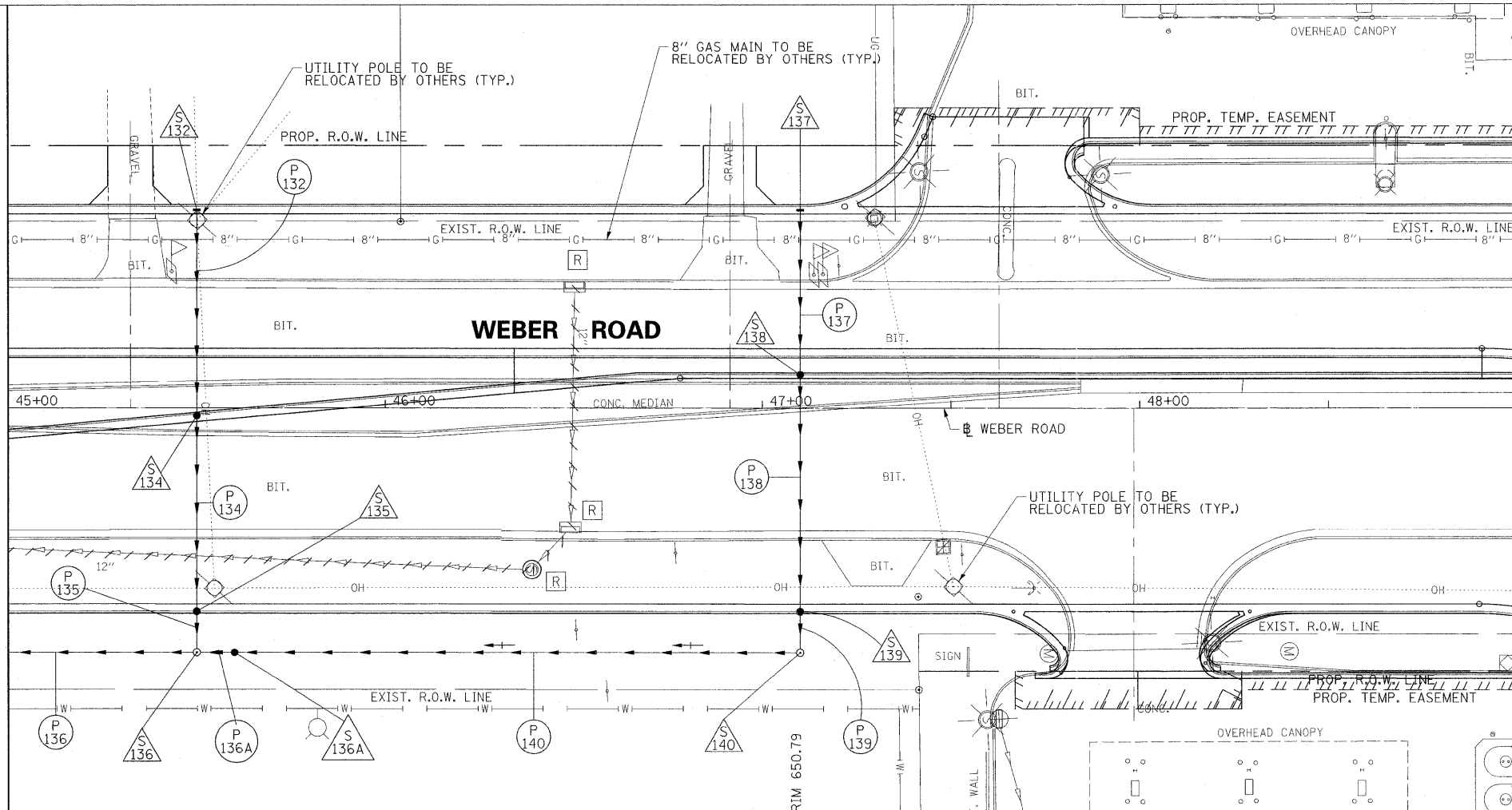
F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B56	01-00170-26-TL	WILL	171	55
STA. 45+00		TO STA. 51+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



MATCH LINE STA. 45+00

MATCH LINE STA. 49+00

SEE RENWICK ROAD DRAINAGE & UTILITY SHEETS 59 TO 68



652
650
648
646
644
642
640
638
636

8/22/2011 P:\79766\cadd\drawings\055dr-45.dgn

EXIST. EL.	PROP. EL.	45+00	45+50	46+00	46+50	47+00	47+50	48+00	48+50	49+00
647.93	647.73		648.69 648.68	649.55 649.85	650.47 651.04	651.40 652.02	652.28 652.77	653.08 653.31	653.48 653.63	653.89 653.73

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WEBER ROAD
DRAINAGE AND UTILITY
STA. 45+00 TO STA. 49+00**

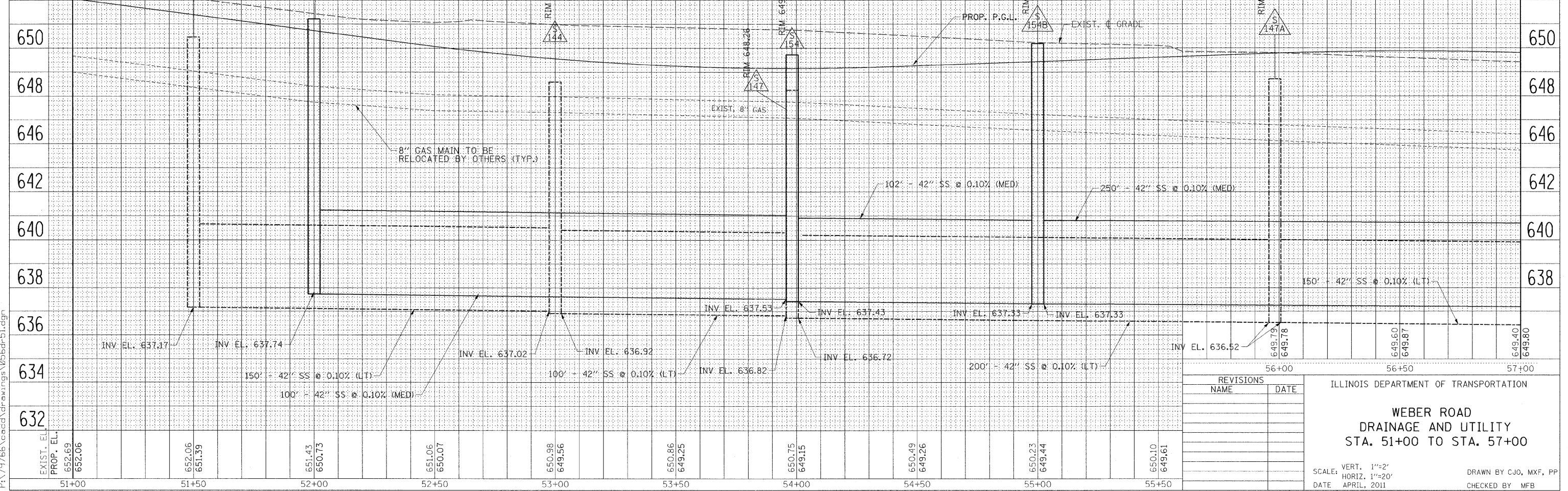
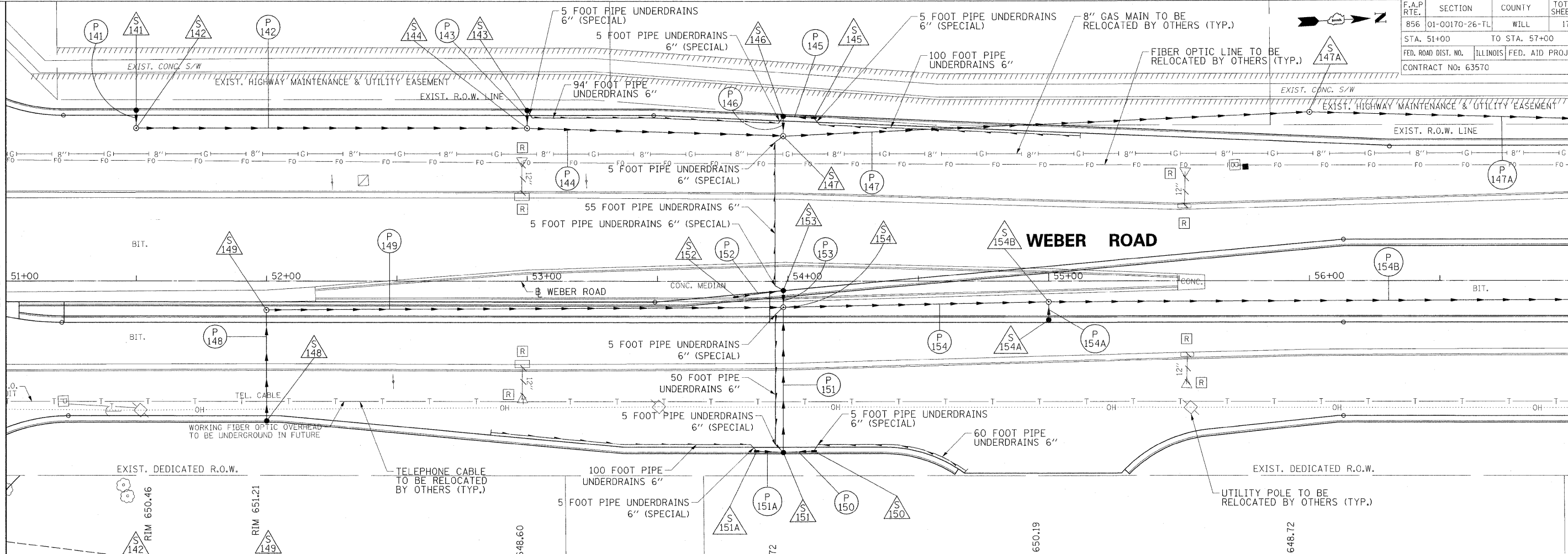
SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

MATCH LINE STA. 51+00

MATCH LINE STA. 57+00



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

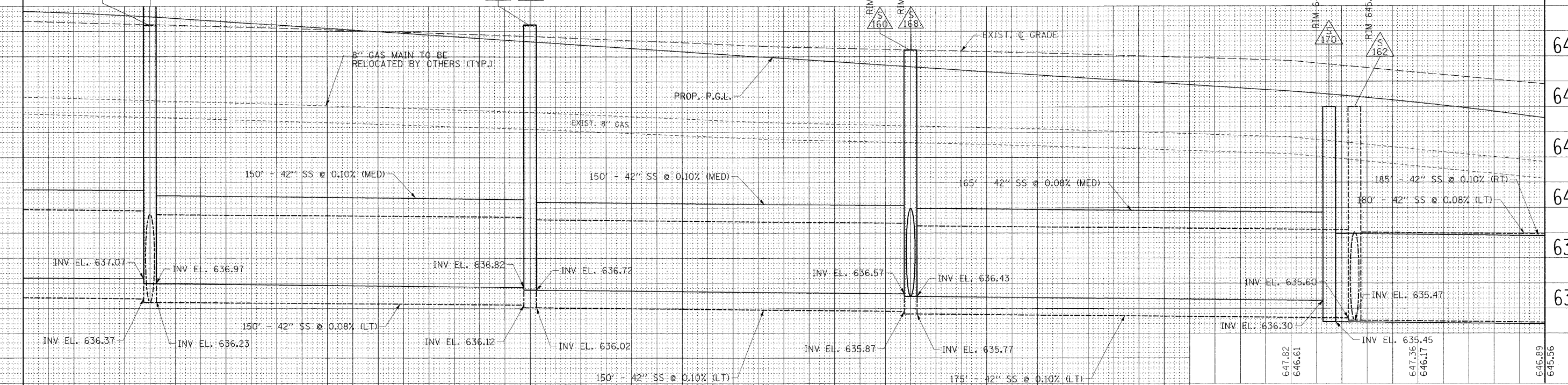
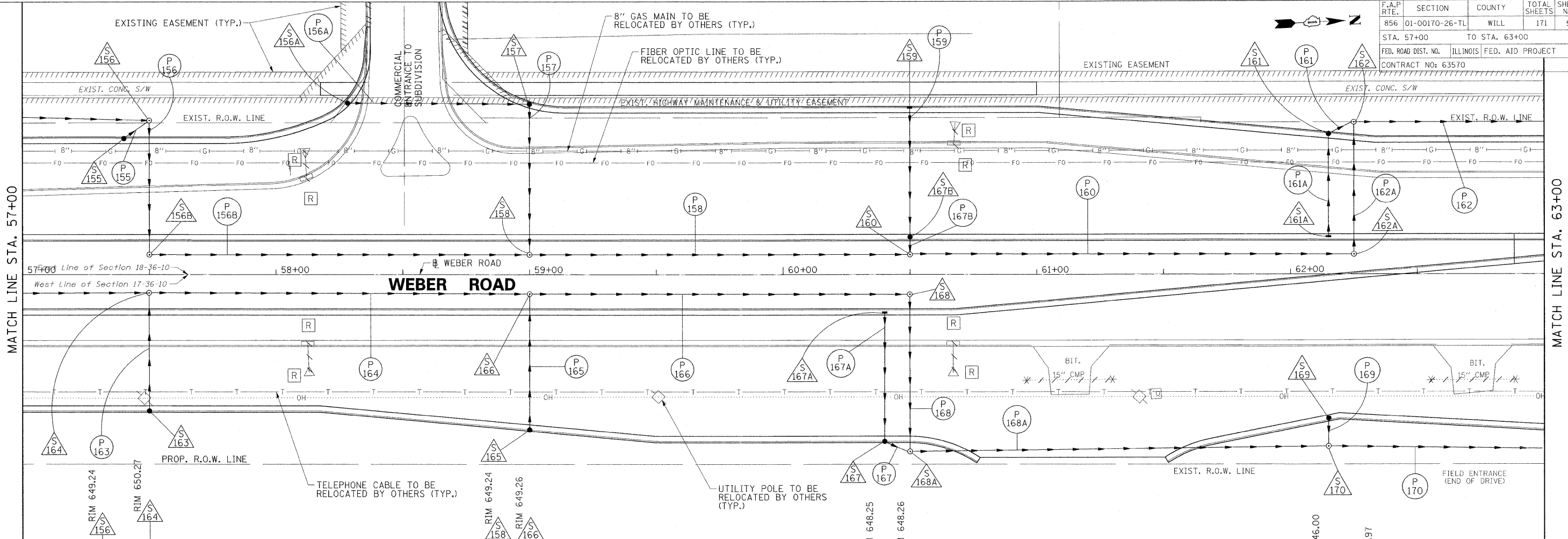
**WEBER ROAD
DRAINAGE AND UTILITY
STA. 51+00 TO STA. 57+00**

SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

8/22/2011 P:\79766\cadd\drawings\056dr-51.dgn



EXIST. EL.	PROP. EL.	57+00	57+50	58+00	58+50	59+00	59+50	60+00	60+50	61+00	61+50
649.40	649.80										
649.26	649.58										
649.12	649.25										
648.96	648.92										
648.80	648.59										
648.59	648.26										
648.38	647.93										
648.26	647.60										
648.14	647.27										
647.98	646.94										

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WEBER ROAD
DRAINAGE AND UTILITY
STA. 57+00 TO STA. 63+00**

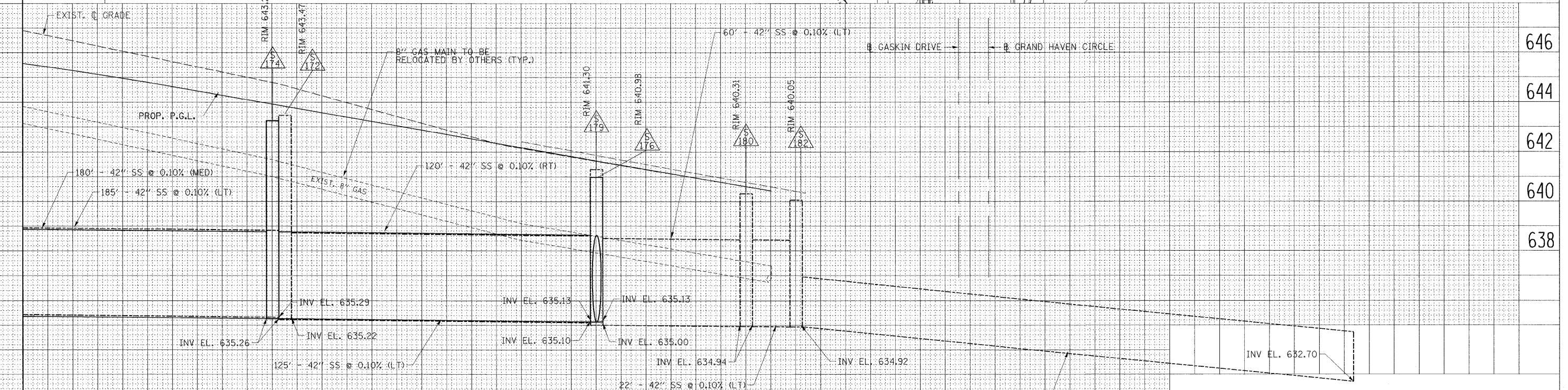
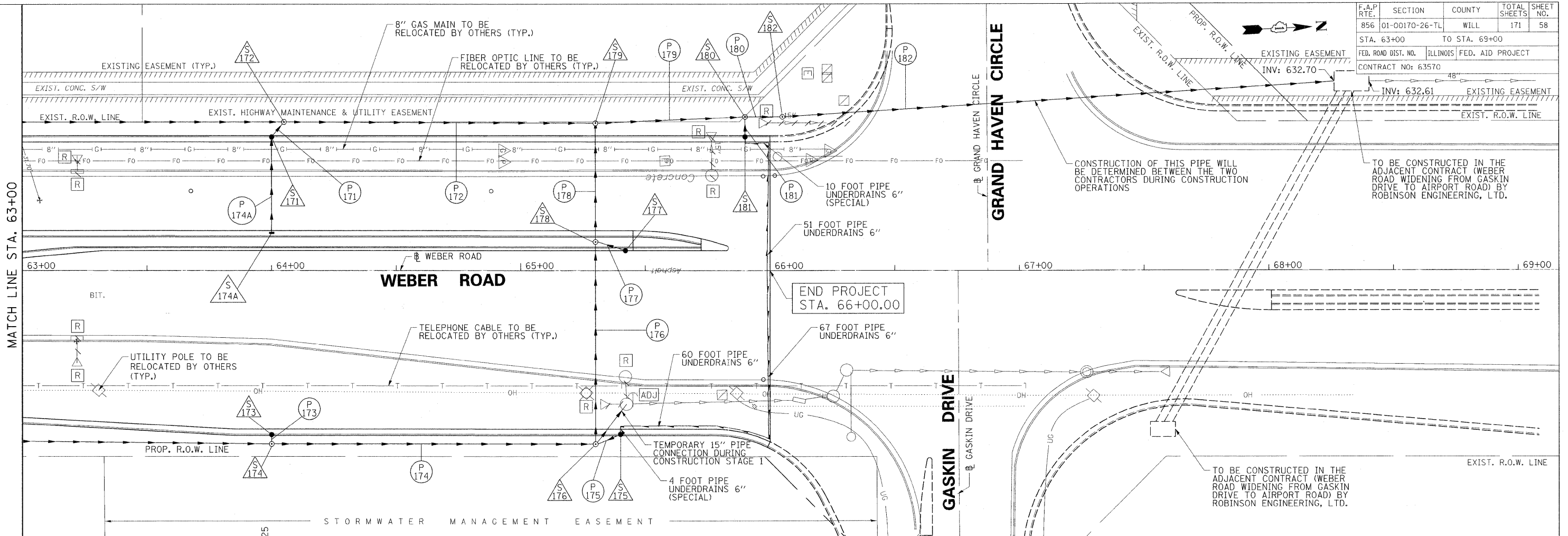
SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

8/22/2011 P:\179766\cadd\drawings\057dr-57.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	58
STA. 63+00	TO STA. 69+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



EXIST. ELL.	PROP. EL.	63+00	63+50	64+00	64+50	65+00	65+50	66+00
646.89	645.56							
645.84	644.79							
644.78	643.91							
643.42	643.04							
642.14	642.17							
641.28	641.30							
640.42	640.42							

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WEBER ROAD
DRAINAGE AND UTILITY
STA. 63+00 TO STA. 69+00**

SCALE: VERT. 1"=2'
HORIZ. 1"=20'

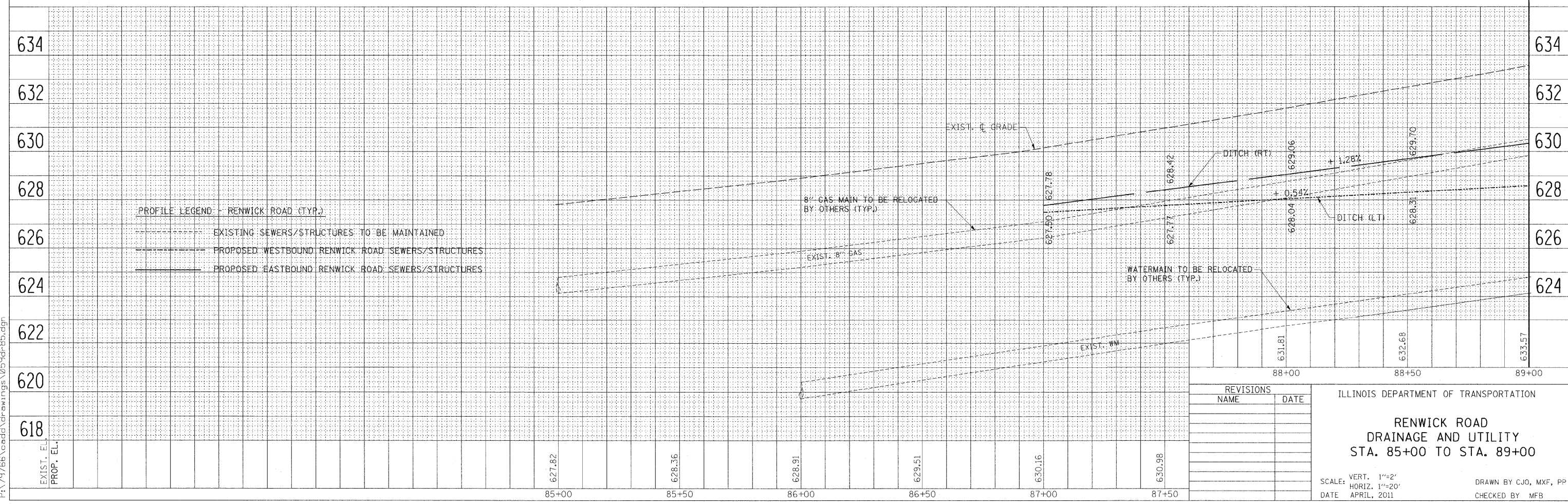
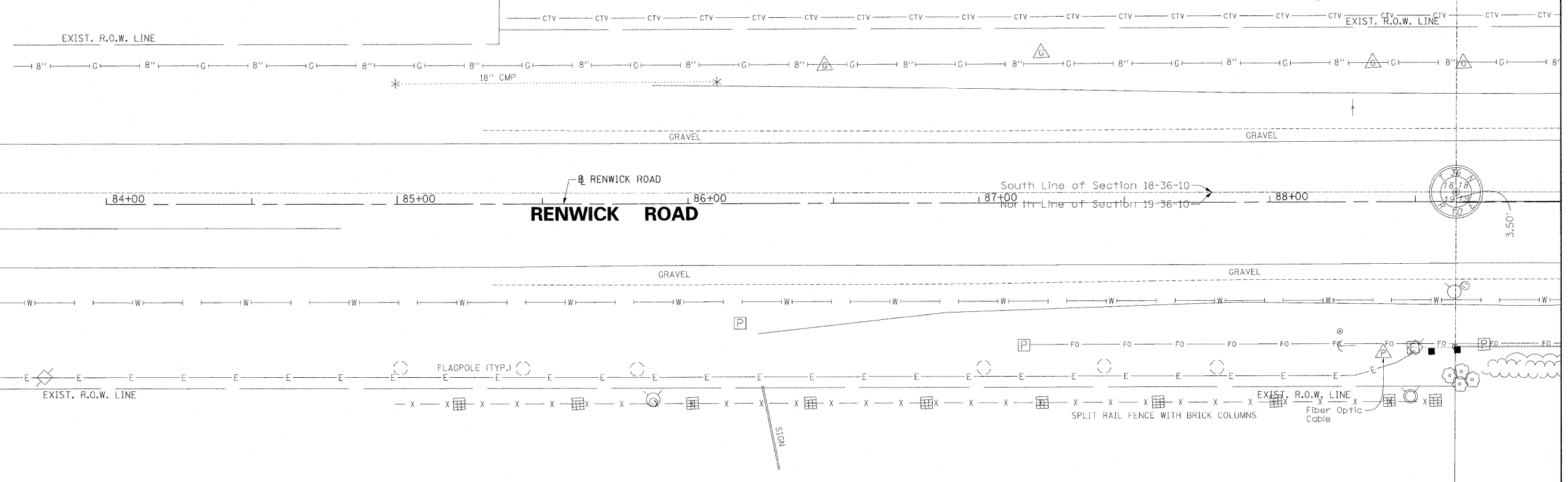
DATE: APRIL, 2011

DRAWN BY CJO, MXF, PP
CHECKED BY MFB

B:\22\2011
 P:\79766\cadd\drawings\058dr-63.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	59
STA. 85+00		TO STA. 89+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				

NOTE:



PROFILE LEGEND - RENWICK ROAD (TYP.)

- EXISTING SEWERS/STRUCTURES TO BE MAINTAINED
- - - PROPOSED WESTBOUND RENWICK ROAD SEWERS/STRUCTURES
- PROPOSED EASTBOUND RENWICK ROAD SEWERS/STRUCTURES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**RENWICK ROAD
DRAINAGE AND UTILITY
STA. 85+00 TO STA. 89+00**

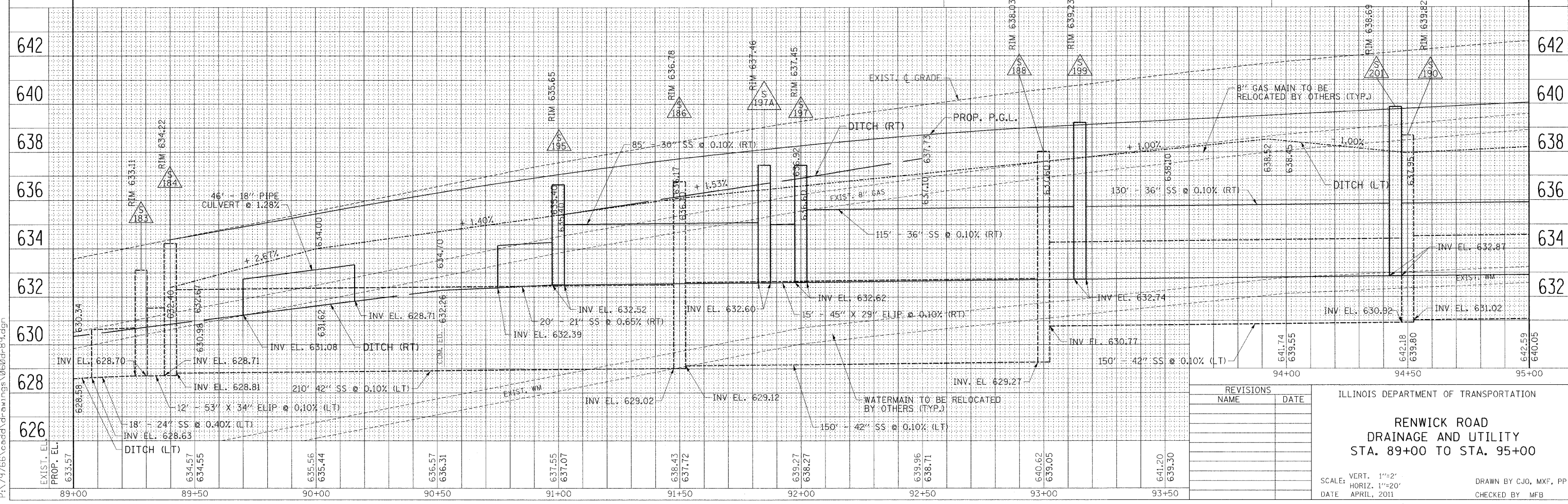
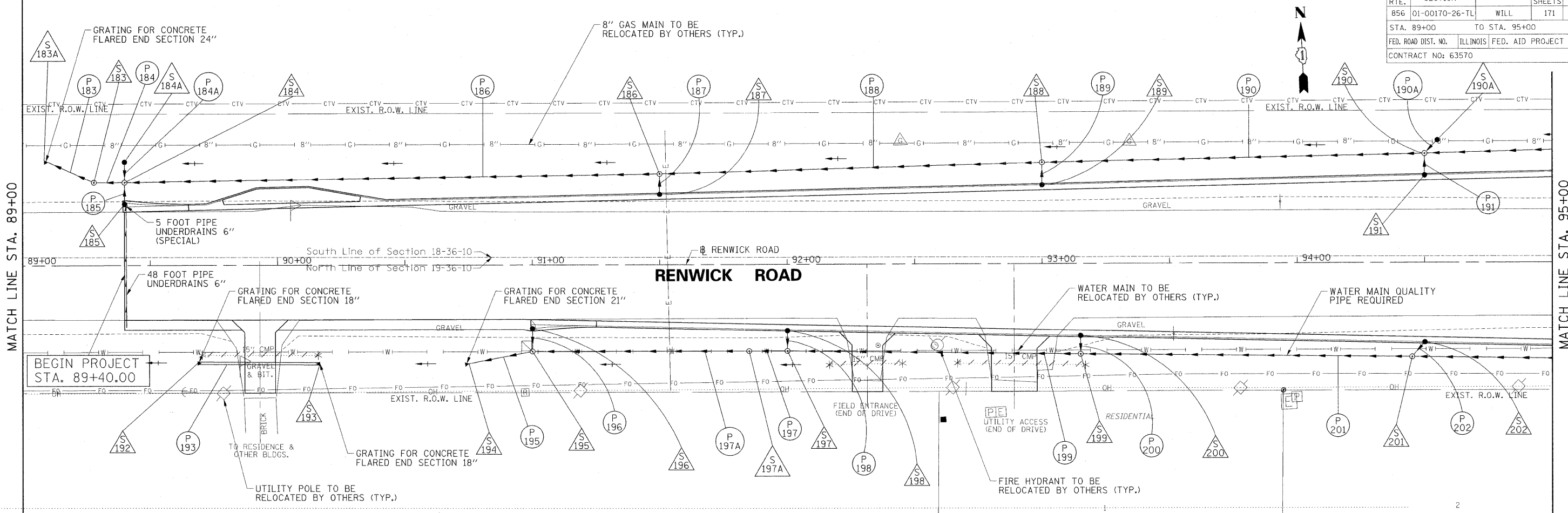
SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

8/22/2011 P:\79766\cadd\drawings\059dr-85.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	60
STA. 89+00		TO STA. 95+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**RENWICK ROAD
DRAINAGE AND UTILITY
STA. 89+00 TO STA. 95+00**

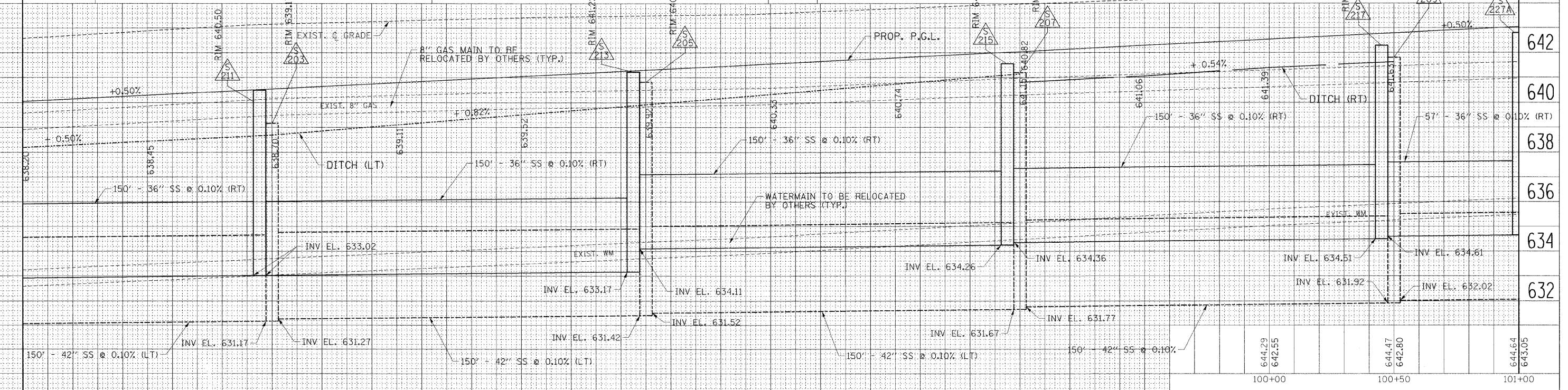
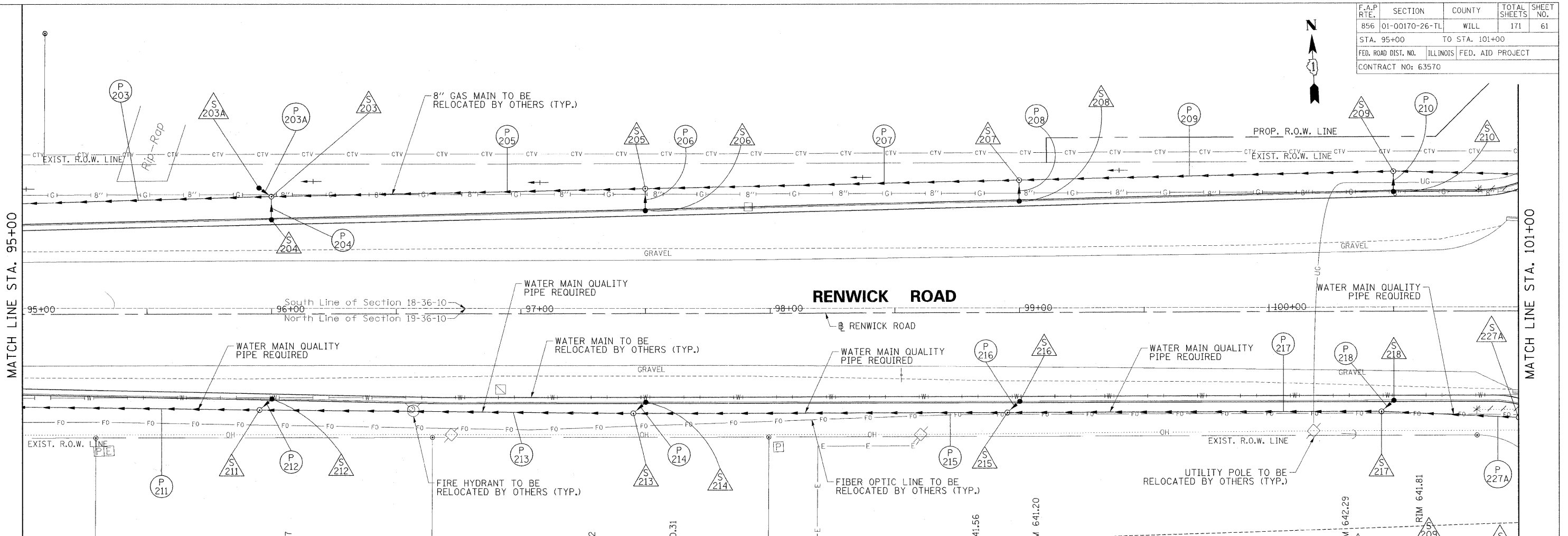
SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

8/22/2011 P:\79766\cadd\drawings\060dr-89.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	61
STA. 95+00		TO STA. 101+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



8/22/2011 P:\79766\cadd\drawings\061dr-95.dgn

EXIST. EL.	PROP. EL.	95+00	95+50	96+00	96+50	97+00	97+50	98+00	98+50	99+00	99+50
640.05	642.59		642.89 640.30	643.16 640.55	643.29 640.80	643.43 641.05	643.50 641.30	643.59 641.55	643.79 641.80	643.97 642.05	644.14 642.30

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

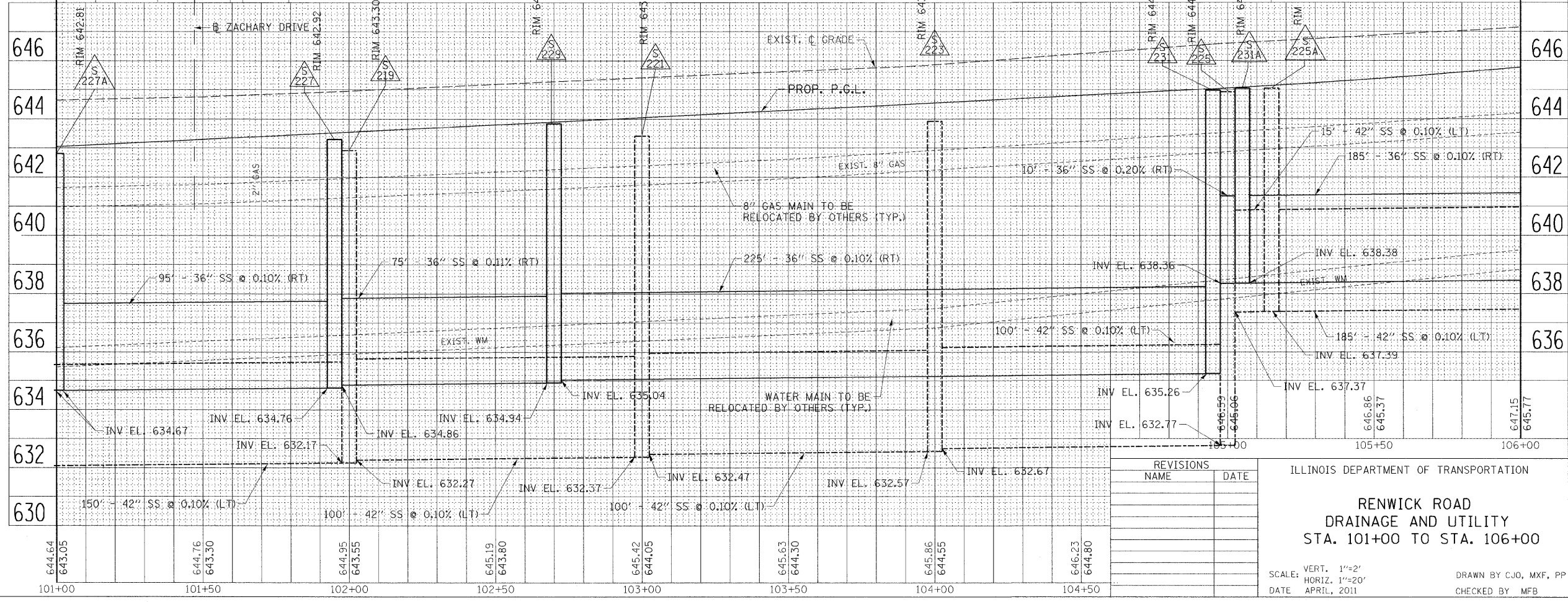
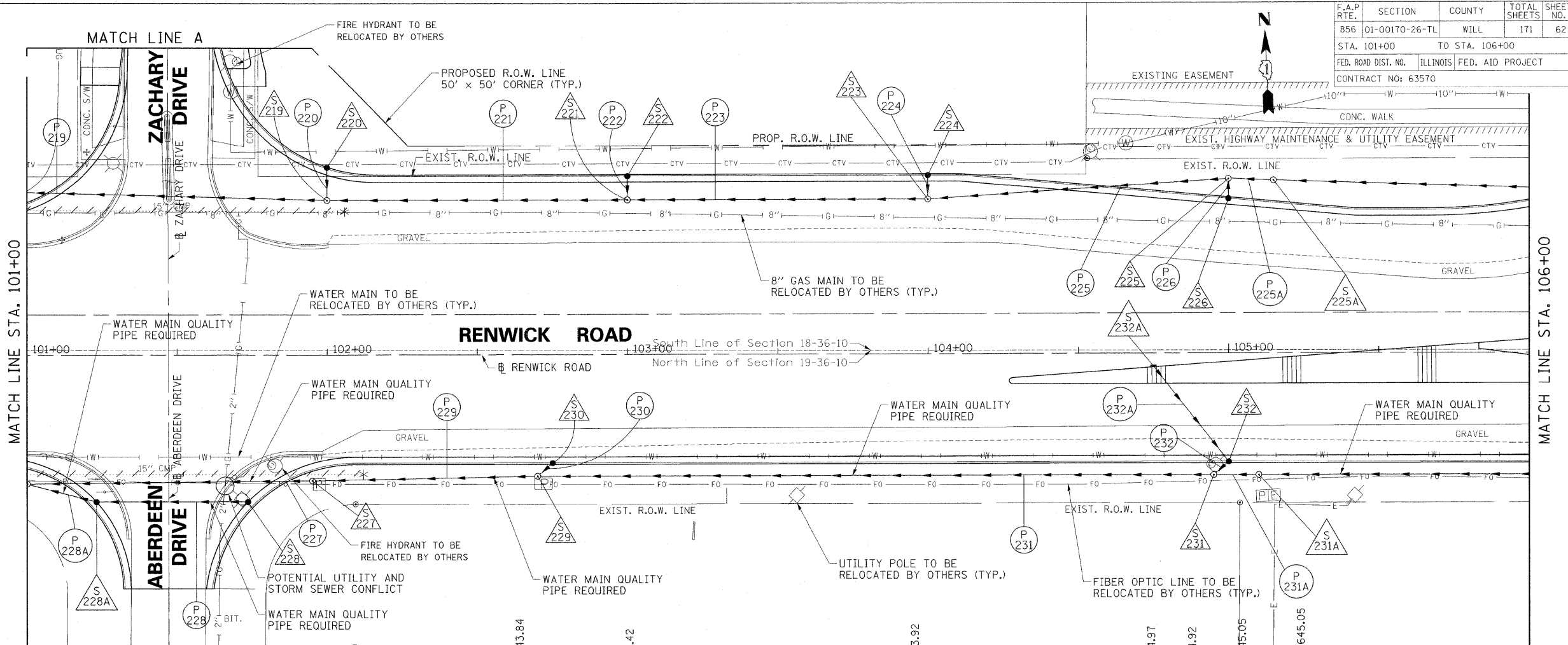
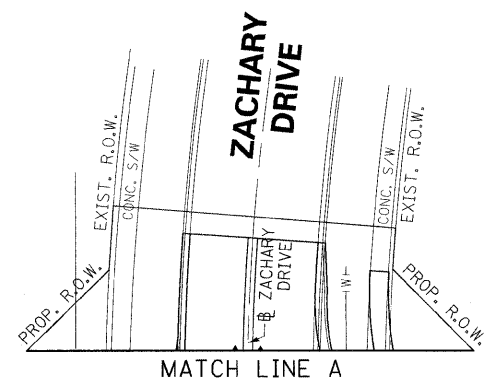
**RENWICK ROAD
DRAINAGE AND UTILITY
STA. 95+00 TO STA. 101+00**

SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY CJO, MXF, PP
CHECKED BY MFB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	62
STA. 101+00		TO STA. 106+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



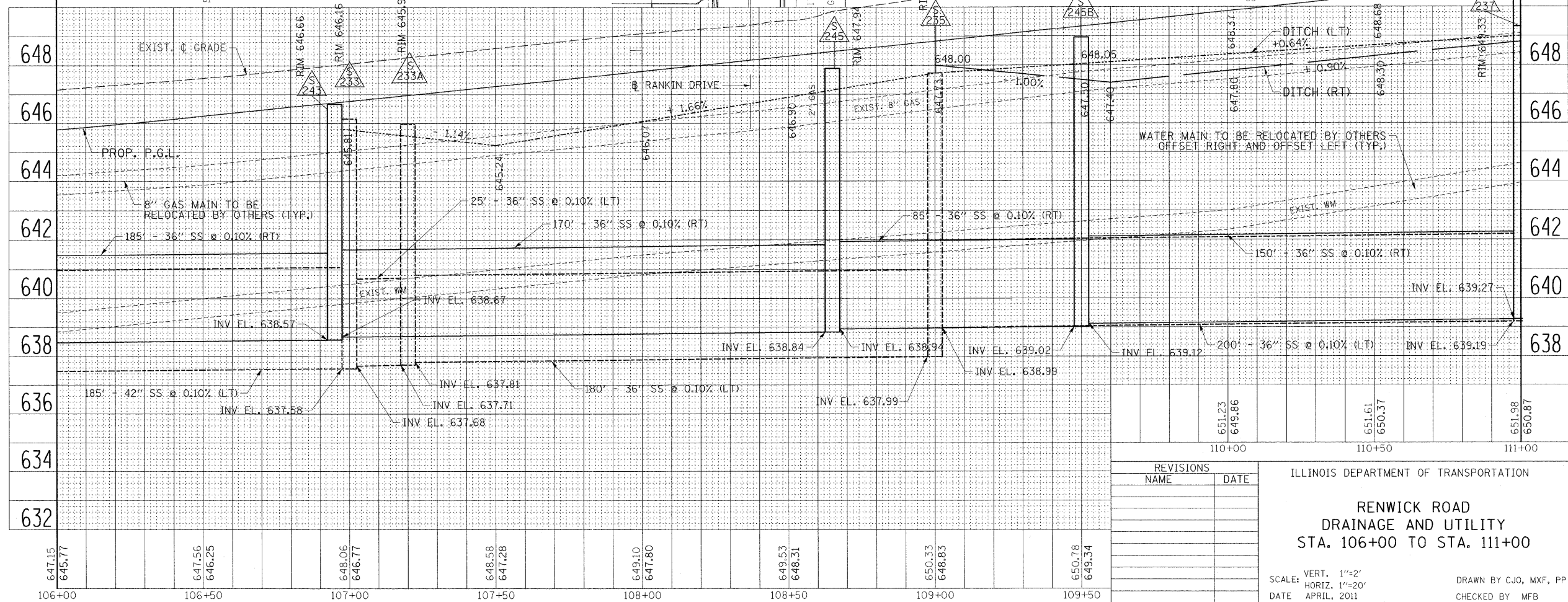
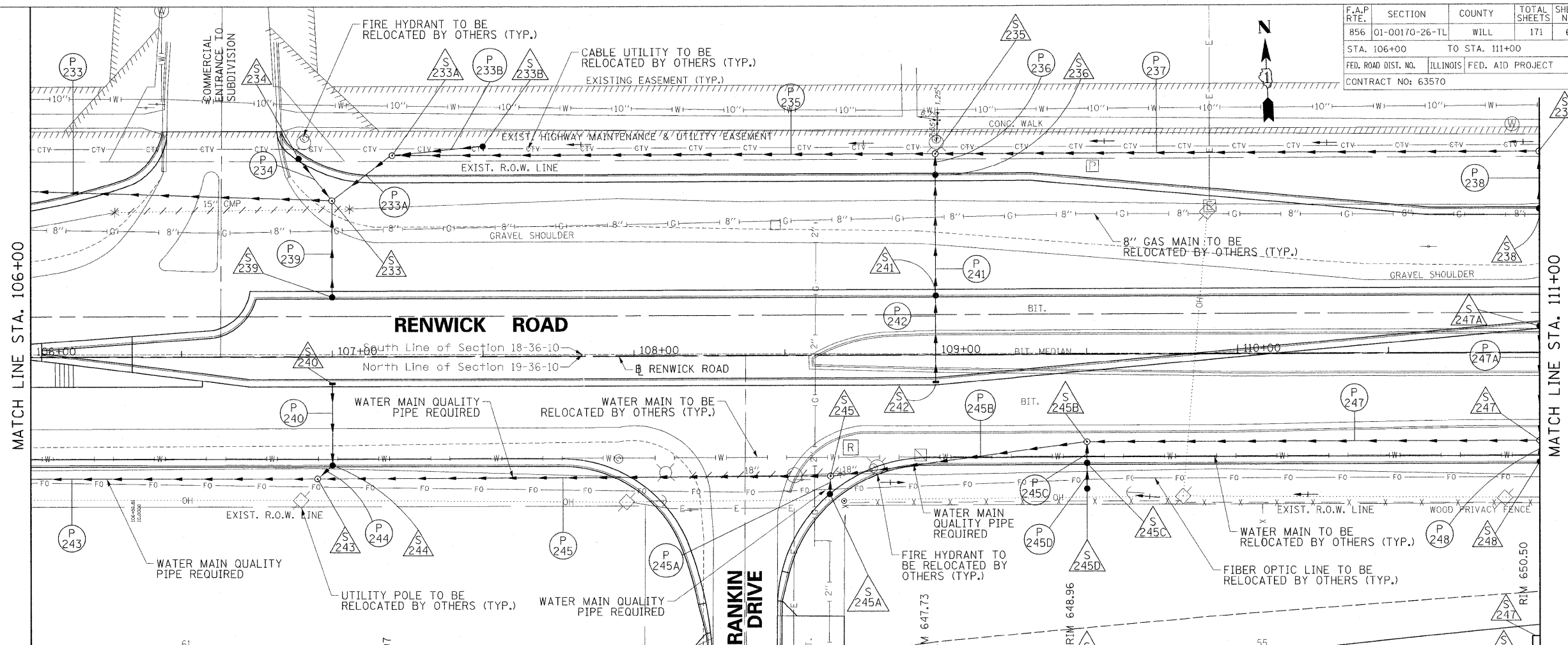
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**RENWICK ROAD
DRAINAGE AND UTILITY
STA. 101+00 TO STA. 106+00**

SCALE: VERT. 1"=2'
HORIZ. 1"=20'
DATE: APRIL, 2011
DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

B:\22\2011
P:\179766\cadd\drawings\062dr101.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B56	01-00170-26-TL	WILL	171	63
STA. 106+00		TO STA. 111+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**RENWICK ROAD
DRAINAGE AND UTILITY
STA. 106+00 TO STA. 111+00**

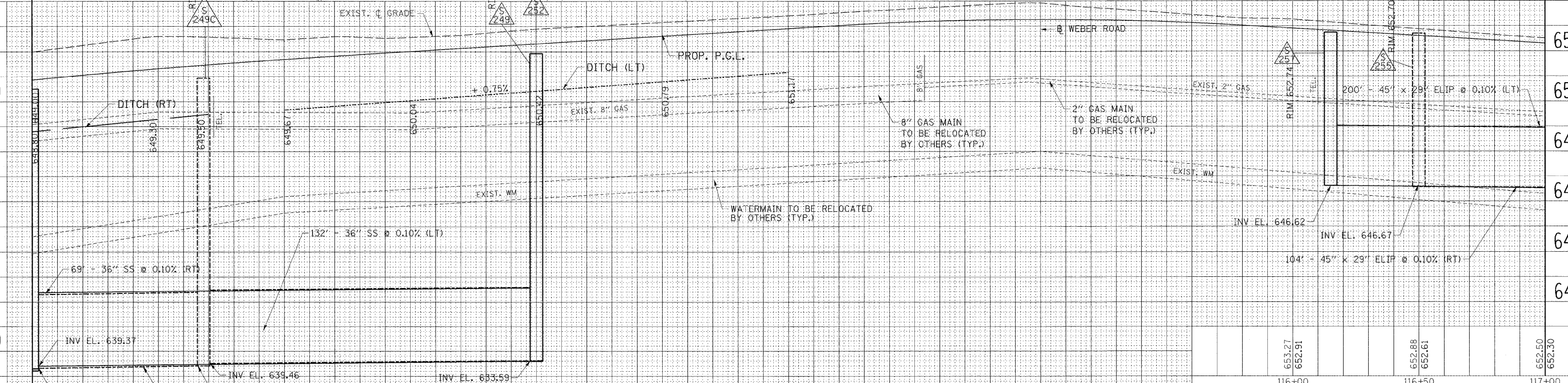
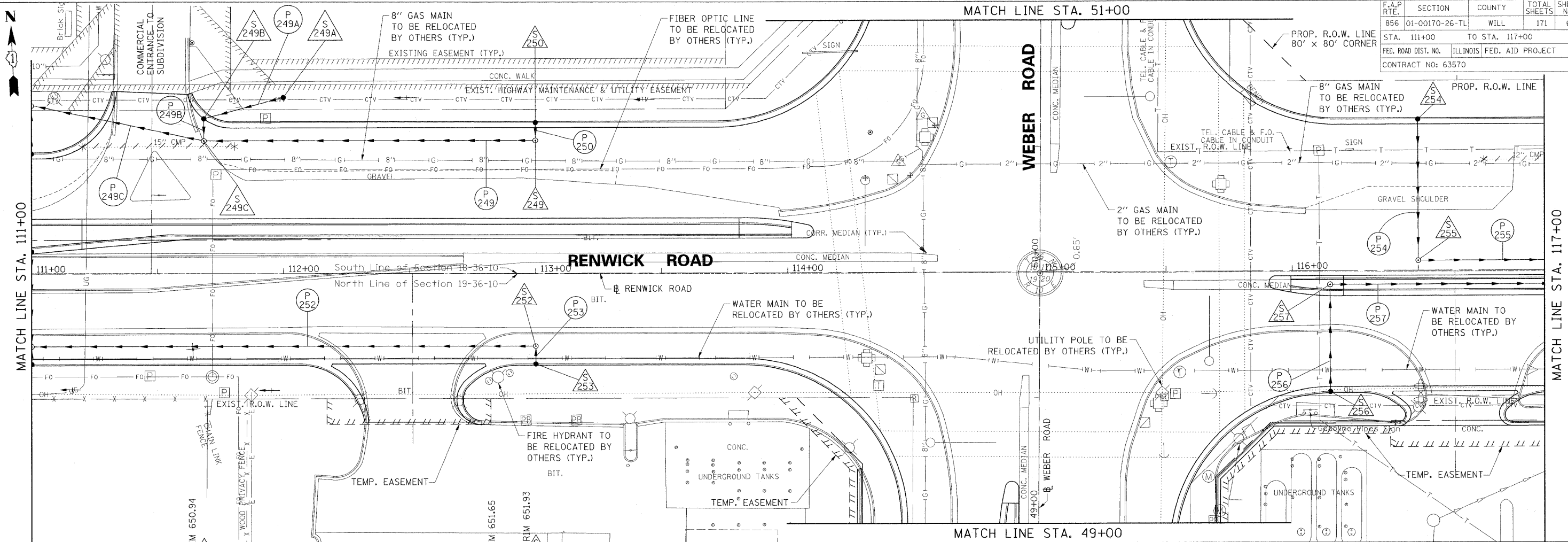
SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

8/22/2011 P:\179766\cadd\drawings\063dr106.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	64
STA. 111+00		TO STA. 117+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



NOTE: ALL ELLIPTICAL STORM SEWERS WILL BE PAID FOR AS "STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND SIZE" OF THE DIAMETER SPECIFIED

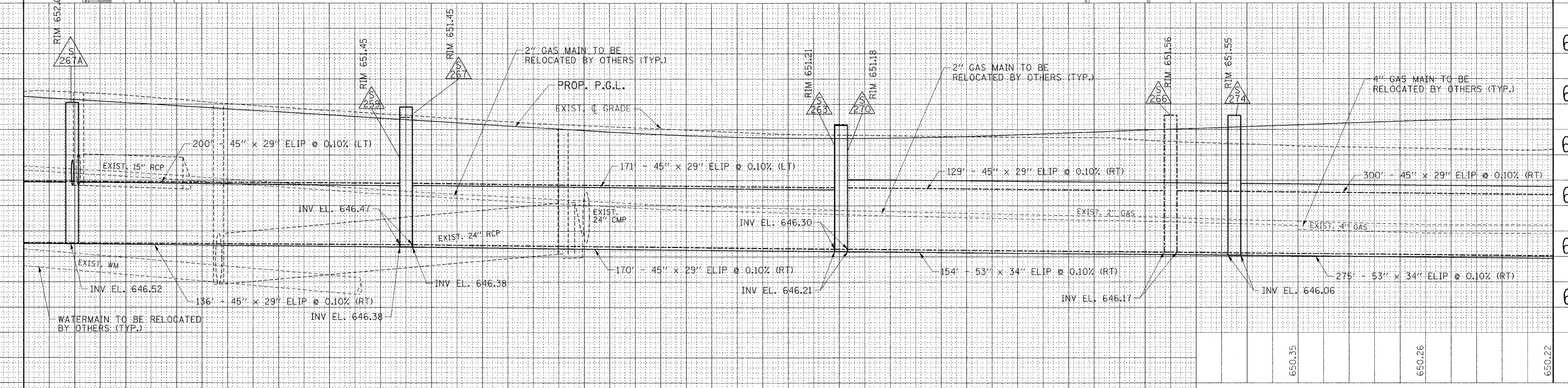
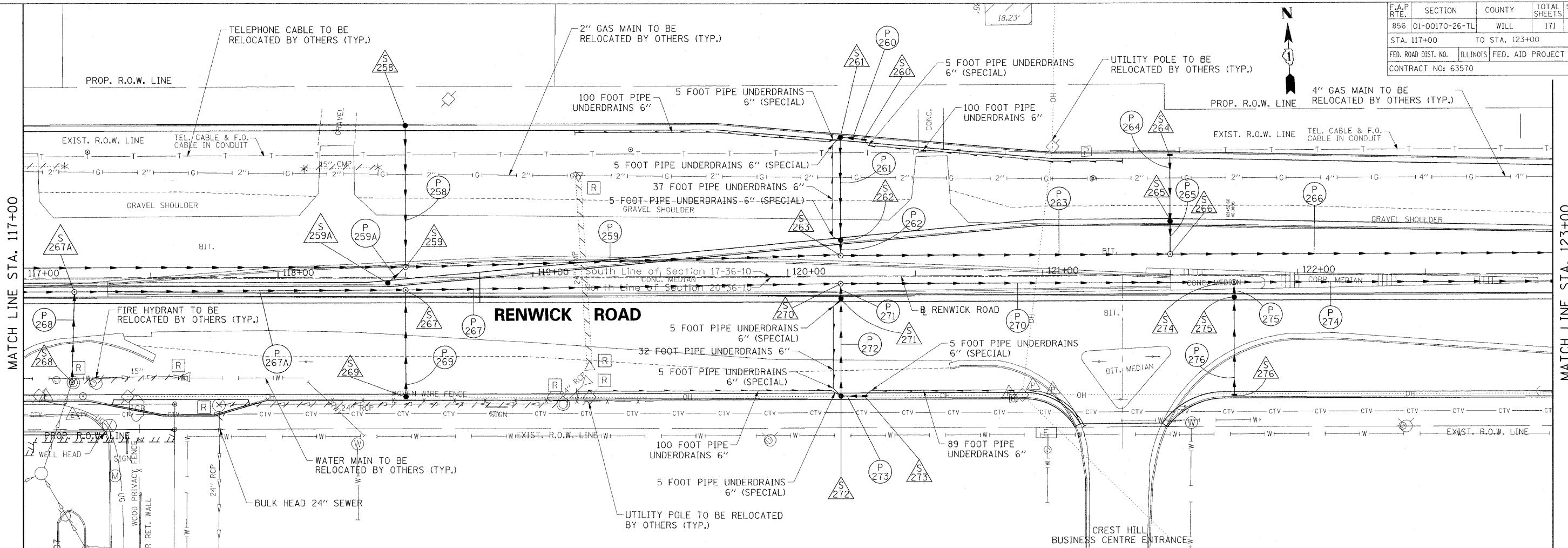
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RENWICK ROAD
DRAINAGE AND UTILITY
STA. 111+00 TO STA. 117+00

SCALE: VERT. 1"=2'
 HORIZ. 1"=20'
 DATE: APRIL, 2011
 DRAWN BY: CJO, MXF, PP
 CHECKED BY: MFB

8/22/2011 P:\79766\cadd\drawings\064-dr11.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856 01-00170-26-TL		WILL	171	65
STA. 117+00		TO STA. 123+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



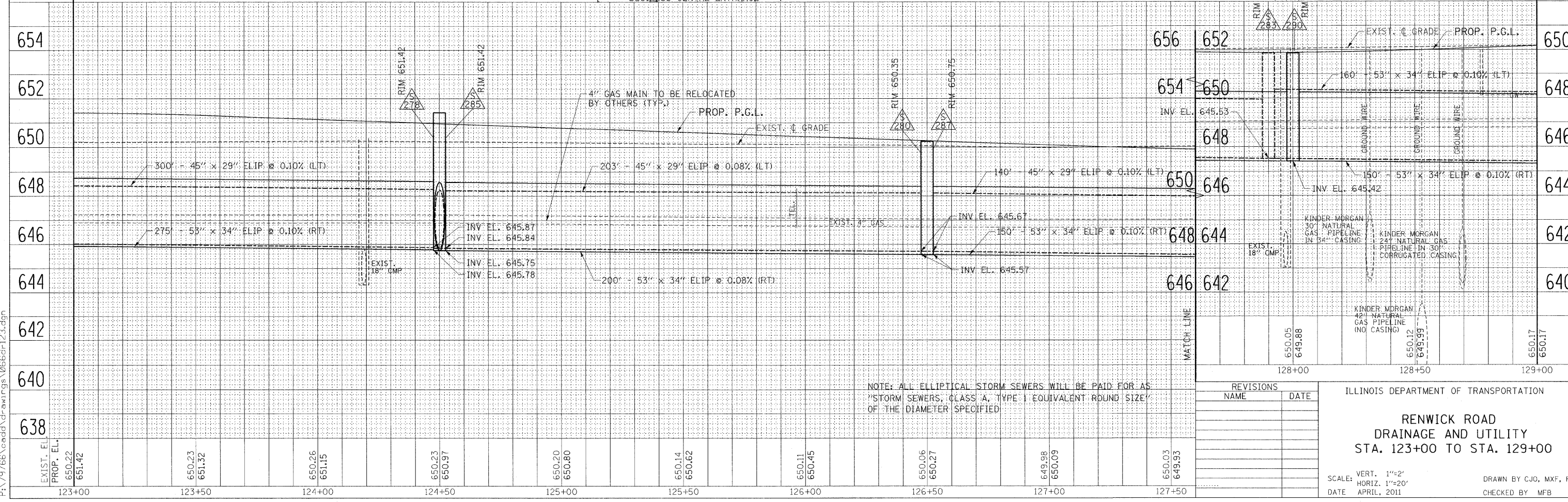
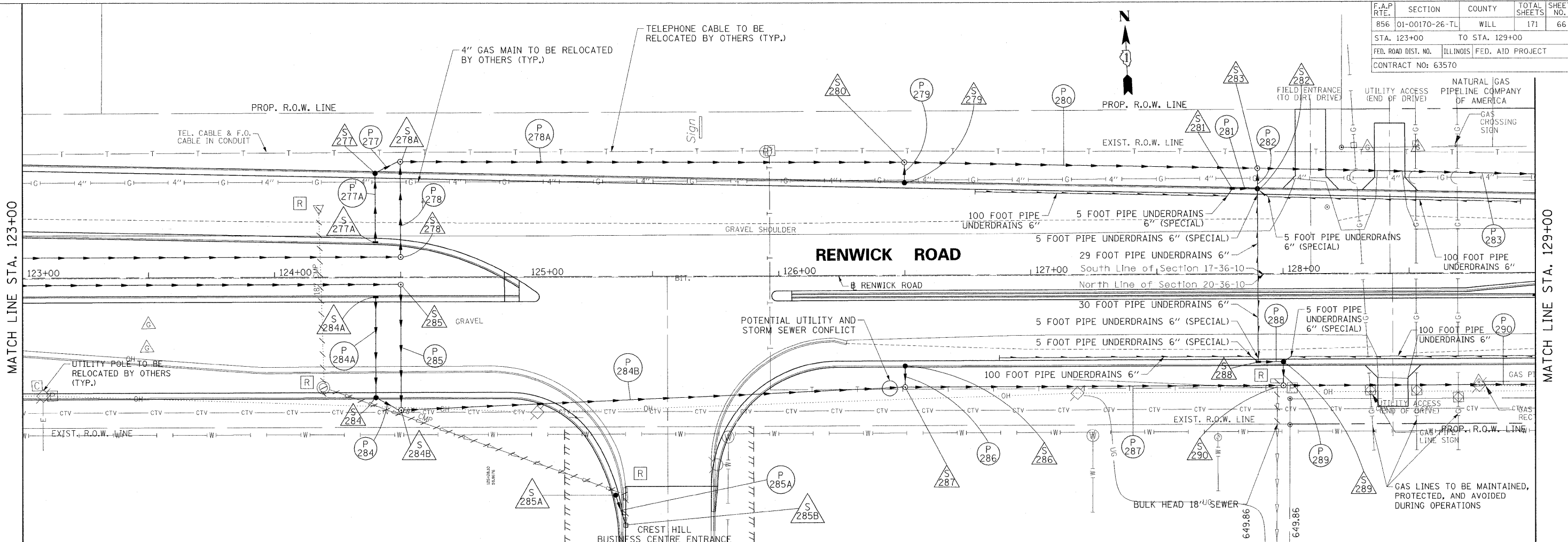
NOTE: ALL ELLIPTICAL STORM SEWERS WILL BE PAID FOR AS STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND SIZE OF THE DIAMETER SPECIFIED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**RENWICK ROAD
DRAINAGE AND UTILITY
STA. 117+00 TO STA. 123+00**
SCALE: VERT. 1"=2'
HORIZ. 1"=20'
DATE: APRIL, 2011
DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

8/22/2011 P:\9766\cadd\drawings\065dr117.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B56	01-00170-26-TL	WILL	171	66
STA. 123+00		TO STA. 129+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



NOTE: ALL ELLIPTICAL STORM SEWERS WILL BE PAID FOR AS "STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND SIZE" OF THE DIAMETER SPECIFIED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**RENWICK ROAD
DRAINAGE AND UTILITY
STA. 123+00 TO STA. 129+00**

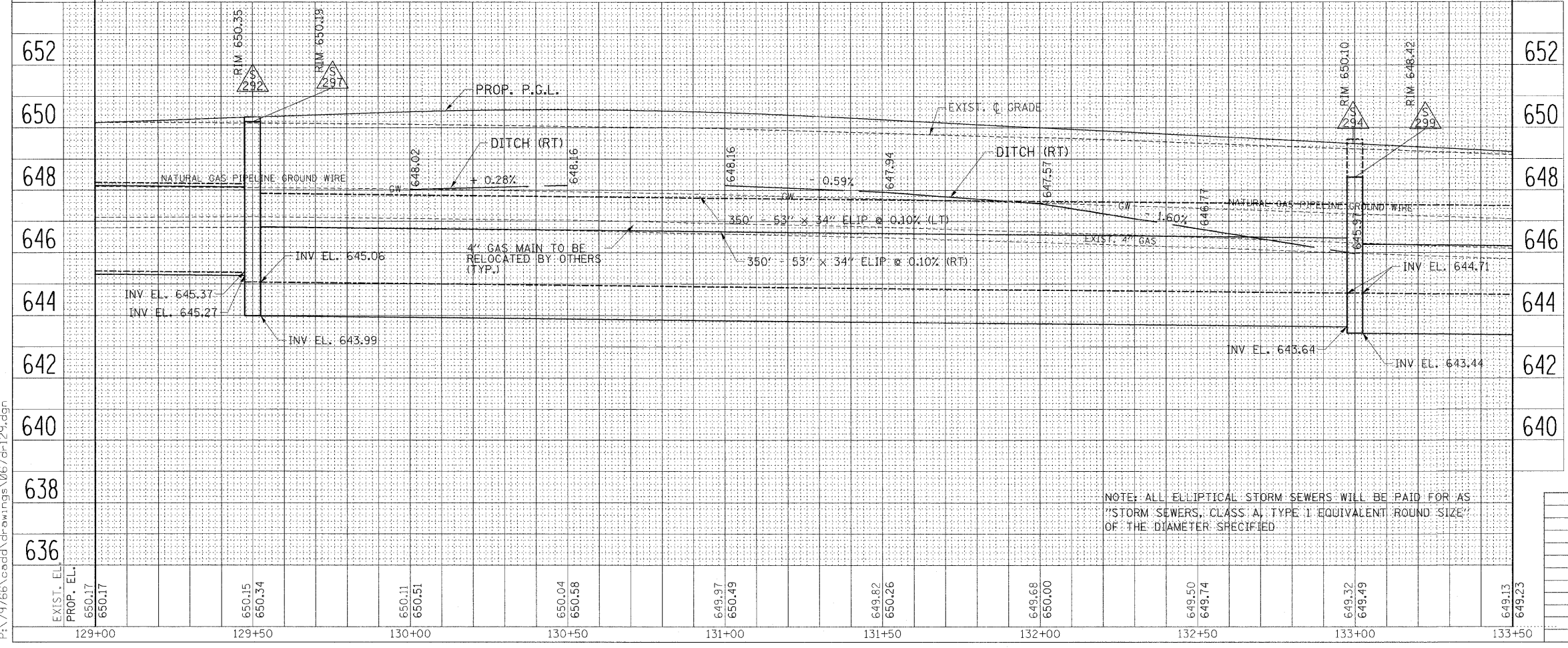
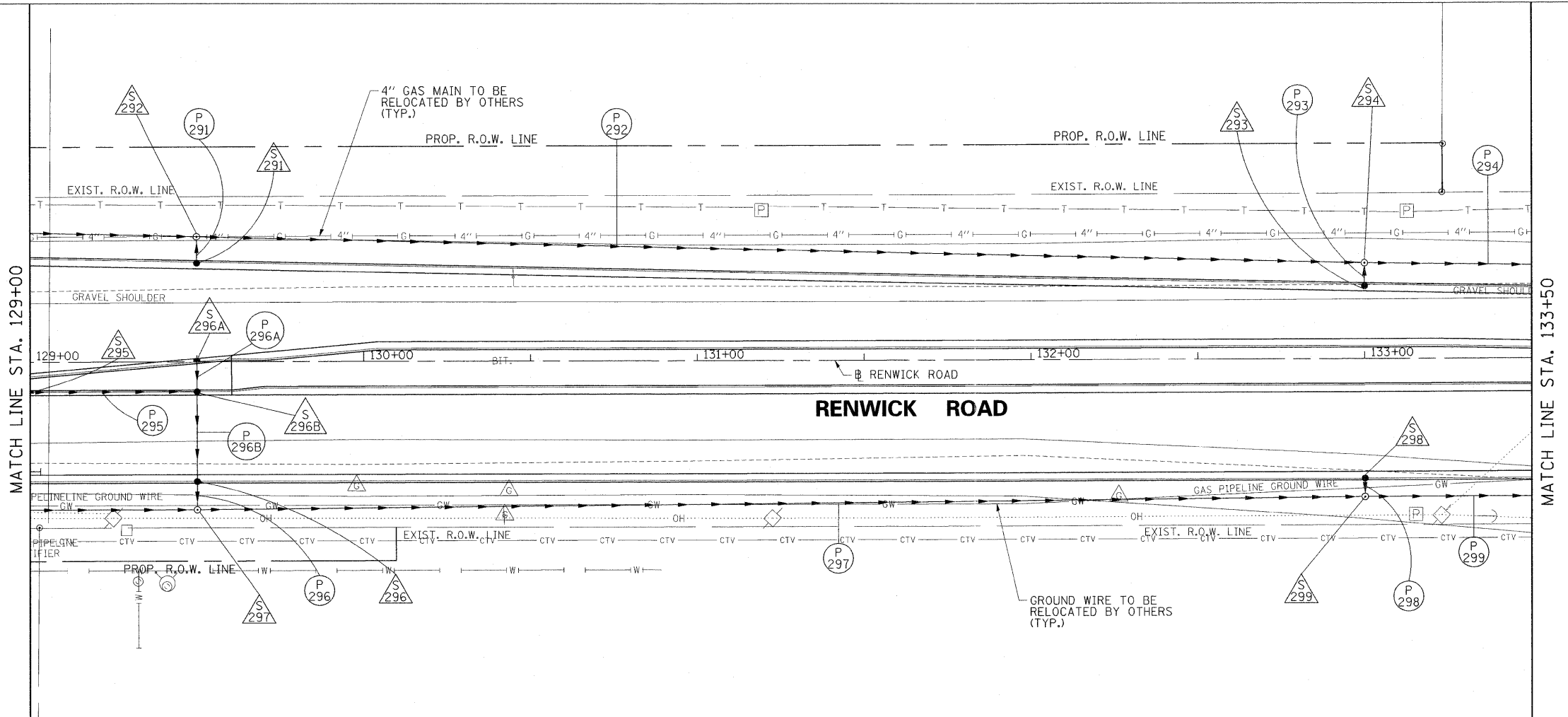
SCALE: VERT. 1"=2'
HORIZ. 1"=20'

DATE: APRIL, 2011

DRAWN BY CJO, MXF, PP
CHECKED BY MFB

8/22/2011 P:\19766\cadd\dr-ar\rgs\066dr123.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B56	01-00170-26-TL	WILL	171	67
STA. 129+00		TO STA. 135+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63570				



NOTE: ALL ELLIPTICAL STORM SEWERS WILL BE PAID FOR AS "STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND SIZE" OF THE DIAMETER SPECIFIED.

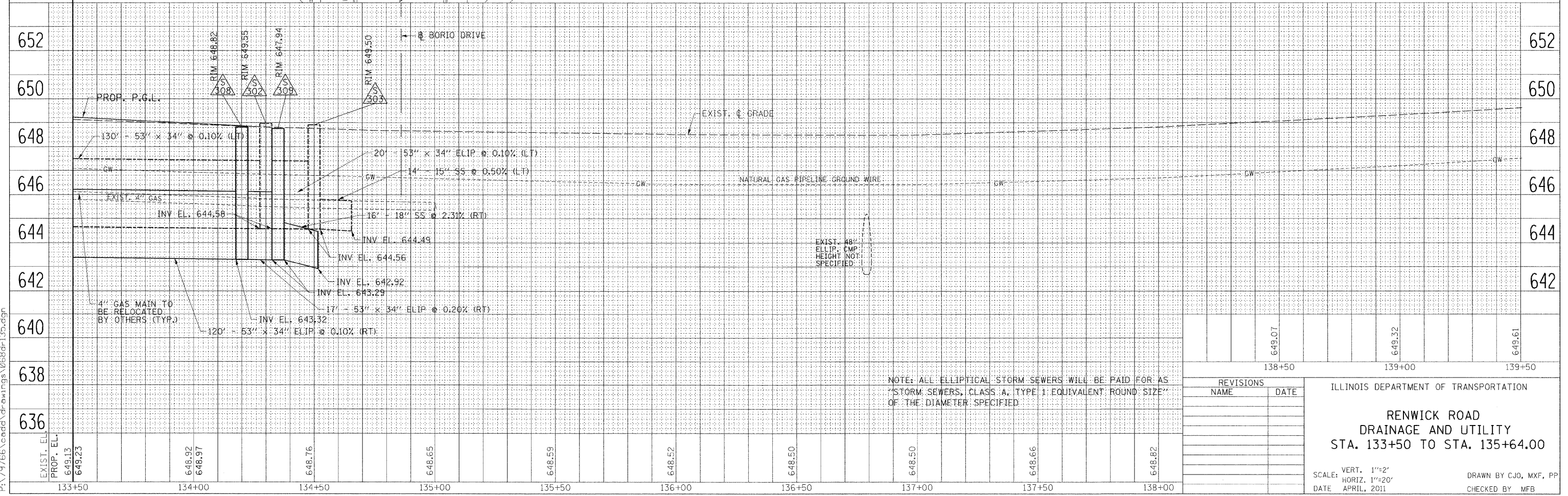
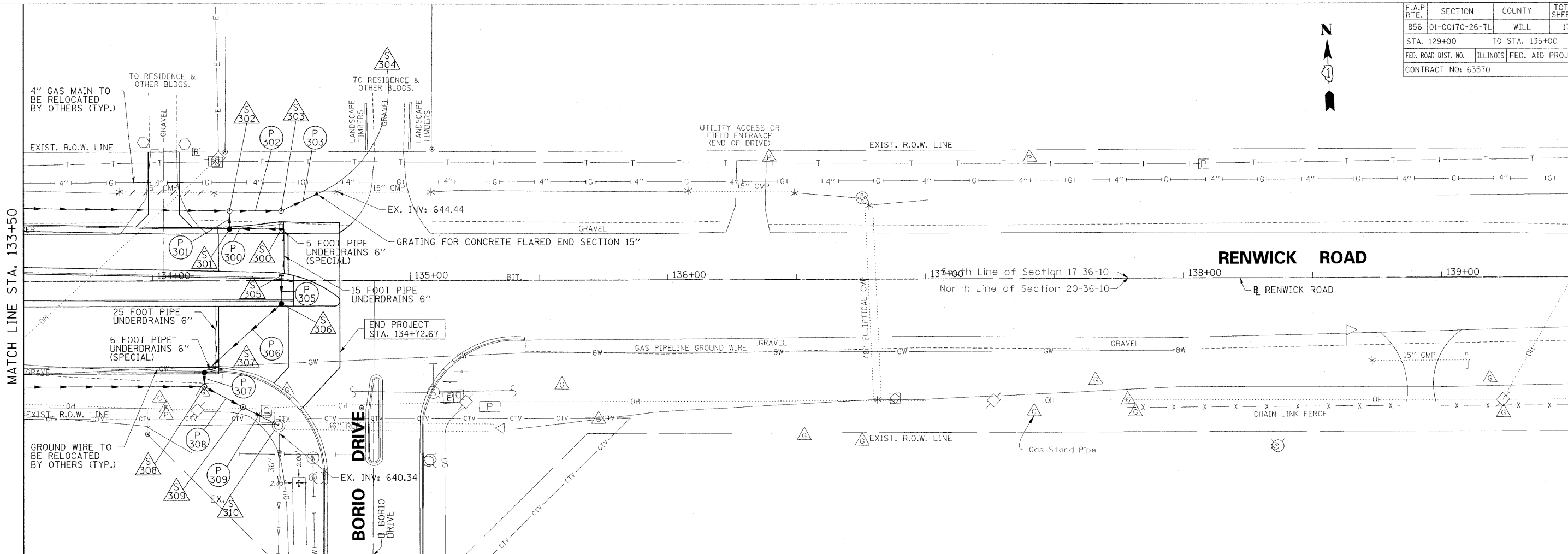
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RENWICK ROAD
DRAINAGE AND UTILITY
STA. 129+00 TO STA. 133+50

SCALE: VERT. 1"=2'
 HORIZ. 1"=20'
 DATE: APRIL, 2011
 DRAWN BY: CJO, MXF, PP
 CHECKED BY: MFB

8/22/2011 P:\179766\cadd\drawings\067.dwg 12.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	68
STA. 129+00		TO STA. 135+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



NOTE: ALL ELLIPTICAL STORM SEWERS WILL BE PAID FOR AS STORM SEWERS, CLASS A, TYPE 1; EQUIVALENT ROUND SIZE OF THE DIAMETER SPECIFIED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**RENWICK ROAD
DRAINAGE AND UTILITY
STA. 133+50 TO STA. 135+64.00**

SCALE: VERT. 1"=2'
HORIZ. 1"=20'
DATE: APRIL, 2011
DRAWN BY: CJO, MXF, PP
CHECKED BY: MFB

8/22/2011 P:\179766\cadd\drawings\068d-135.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	69
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				

THIS SHEET INTENTIONALLY LEFT BLANK

10/20/2011
P:\79766\cedd\drawings\06Sidr\Detail.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

WEBER ROAD & RENWICK ROAD

SCALE: NONE
DATE APRIL, 2011

DRAWN BY EEY
CHECKED BY MFB

RENWICK ROAD DRAINAGE STRUCTURE SCHEDULE - WEST LEG

STRUCTURE NO.	STATION	ALIGNMENT	OFFSET (FT)	STRUCTURE TYPE	FRAME AND GRATE	STRUCTURE + FRAME	RIM ELEV. (FT)	INVERT ELEV. (N)	INVERT ELEV. (S)	INVERT ELEV. (E)	INVERT ELEV. (W)	STANDARD DETAIL	PAY ITEM NO.	COMMENTS		
S 183A	89+10.00	RENWICK RD	41.00' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	--	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	631.80					628.63	542301-01	54213669		
S 183	89+28.00	RENWICK RD	33.00' LT	MANHOLES, TYPE A, 8'-DIAMETER, RESTRICTOR PLATE	2 - TYPE 1 FRAME CL	MANHOLES, TYPE A, 8'-DIAMETER, 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	633.11					628.70	628.70	--	--	FLAT SLAB TOP
S 184	89+40.00	RENWICK RD	33.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	634.22	628.81	631.01	628.81	628.71	602401-01	60221100		FLAT SLAB TOP	
S 184A	89+40.00	RENWICK RD	41.00' LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	632.47		628.85			602001	60200805		FLAT SLAB TOP	
S 185	89+40.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	634.11	631.06				602001	60201340		FLAT SLAB TOP	
S 186	91+50.00	RENWICK RD	36.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	636.78		631.12	629.12	629.02	602401-01	60221100		FLAT SLAB TOP	
S 187	91+50.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	637.36	631.16				602001	60201340			
S 188	93+00.00	RENWICK RD	40.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	638.03		632.67	630.77	629.27	602401-01	60221100		FLAT SLAB TOP	
S 189	93+00.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	638.61	632.72				602001	60201340			
S 190	94+50.00	RENWICK RD	43.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	638.69	634.77	633.02	631.02	630.92	602401-01	60221100		FLAT SLAB TOP	
S 190A	94+55.00	RENWICK RD	48.30' LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	637.98		634.81			602001	60200805		FLAT SLAB TOP	
S 191	94+50.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	639.32	633.06				602001	60201340			
S 192	89+70.00	RENWICK RD	38.50' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	--	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	635.40				631.08	542301-01	54213663			
S 193	90+16.00	RENWICK RD	38.75' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	--	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	635.40			632.09		542301-01	54213663			
S 194	90+75.00	RENWICK RD	38.80' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"	--	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"	635.54			632.39		542301-01	54213666			
S 195	91+00.00	RENWICK RD	34.00' RT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	636.65	632.52		632.52	632.52	602401-01	60221100		FLAT SLAB TOP	
S 196	91+00.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	636.82		632.57			602001	60201340		FLAT SLAB TOP	
S 197	92+00.00	RENWICK RD	34.00' RT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.45	632.80		632.62	632.62	602406-02	60223800		FLAT SLAB TOP	
S 197A	91+85.00	RENWICK RD	34.00' RT	MANHOLES, TYPE A, 8'-DIAMETER, RESTRICTOR PLATE	2 - TYPE 1 FRAME CL	MANHOLES, TYPE A, 8'-DIAMETER, 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	637.46			632.60	632.60	--	--		FLAT SLAB TOP	
S 198	92+00.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	637.98		632.84			602001	60201340			
S 199	93+15.00	RENWICK RD	35.50' RT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	639.23	633.62		632.74	632.74	602401-01	60221100		FLAT SLAB TOP	
S 200	93+15.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	638.78		633.66			602001	60201340			
S 201	94+45.00	RENWICK RD	37.00' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	639.82	634.15		632.87	632.87	602411	60224446			
S 202	94+50.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	639.41		634.19			602001	60201340			
S 203	96+00.00	RENWICK RD	47.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	639.17	635.48 (NW)	634.67	631.27	631.17	602401-01	60221100		FLAT SLAB TOP	
S 203A	95+95.00	RENWICK RD	50.50' LT	CATCH BASINS, TYPE C	TYPE 8 GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	638.68		635.51 (SE)			602011	60207605			
S 204	96+00.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	640.07	634.72				602001	60201340			
S 205	97+50.00	RENWICK RD	50.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	640.31		634.32	631.52	631.42	602401-01	60221100			
S 206	97+50.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	640.82	634.37				602001	60201340			
S 207	99+00.00	RENWICK RD	53.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	641.20		635.07	631.77	631.67	602401-01	60221100			
S 208	99+00.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	641.57	635.11				602001	60201340			
S 209	100+50.00	RENWICK RD	56.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	641.81		635.64	632.02	631.92	602401-01	60221100			
S 210	100+50.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	642.32	635.68				602001	60201340			
S 211	95+95.00	RENWICK RD	39.00' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	640.50	634.30		633.02	633.02	602411	60224446			
S 212	96+00.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	640.10		634.34			602001	60201340			
S 213	97+45.00	RENWICK RD	40.50' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	641.22	635.61		634.11	633.17	602411	60224446			
S 214	97+50.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	640.82		635.65			602001	60201340			
S 215	98+95.00	RENWICK RD	40.50' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	641.56	636.36		634.36	634.26	602411	60224446			
S 216	99+00.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	641.57		636.40			602001	60201340			
S 217	100+45.00	RENWICK RD	40.50' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	642.29	637.11		634.61	634.51	602411	60224446			
S 218	100+50.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	642.32		637.15			602001	60201340			
S 219	102+00.00	RENWICK RD	52.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	642.92	636.77		632.27	632.17	602401-01	60221100			
S 220	102+00.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	642.71		636.83			602001	60201340			
S 221	103+00.00	RENWICK RD	52.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	643.42	637.27		632.47	632.37	602401-01	60221100			
S 222	103+00.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	643.27		637.31			602001	60201340			
S 223	104+00.00	RENWICK RD	52.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	643.92	637.97		632.67	632.57	602401-01	60221100			
S 224	104+00.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	643.77		638.01			602001	60201340			
S 225	105+00.00	RENWICK RD	58.50' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	644.92		638.77	637.37	632.77	602401-01	60221100		FLAT SLAB TOP	
S 225A	105+15.00	RENWICK RD	58.00' LT	MANHOLES, TYPE A, 8'-DIAMETER, RESTRICTOR PLATE	2 - TYPE 1 FRAME CL	MANHOLES, TYPE A, 8'-DIAMETER, 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	645.05			637.39	637.39	--	--			
S 226	105+00.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	644.48	638.81				602001	60201340			
S 227A	101+00.00	RENWICK RD	43.00' RT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	642.81		638.51 (SE)	634.67	634.67	602401-01	60221100		FLAT SLAB TOP	
S 227	101+95.00	RENWICK RD	42.00' RT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	643.30			634.86	634.76	602401-01	60221100			
S 228	101+73.47	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	642.03				638.88	602001	60201340		FLAT SLAB TOP	
S 228A	101+23.06	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	642.30	638.63 (NW)		638.63		602001	60201340		FLAT SLAB TOP	
S 229	102+70.00	RENWICK RD	40.50' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	643.84	637.04		635.04	634.94	602411	60224446			
S 230	102+75.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	643.45		637.08			602001	60201340			
S 231	104+95.00	RENWICK RD	40.50' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	644.97	638.86		638.36	635.26	602411	60224446		FLAT SLAB TOP	
S 231A	105+10.00	RENWICK RD	40.50' RT	MANHOLES, TYPE A, 8'-DIAMETER, RESTRICTOR PLATE	2 - TYPE 1 FRAME CL	MANHOLES, TYPE A, 8'-DIAMETER, 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	645.05			638.38	638.38	--	--		FLAT SLAB TOP	
S 232	105+00.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	644.57	638.90	638.90			602001	60201340			
S 232A	104+75.00	RENWICK RD	4.00' RT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	645.01			640.50		602301-01	60237470			
S 233	107+00.00	RENWICK RD	52.00' LT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	646.16	64								

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B56	01-00170-26-TL	WILL	171	73
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				

RENWICK ROAD DRAINAGE STRUCTURE SCHEDULE - WEST LEG (CTD.)

STRUCTURE NO.	STATION	ALIGNMENT	OFFSET (FT)	STRUCTURE TYPE	FRAME AND GRATE	STRUCTURE + FRAME	RIM ELEV. (FT)	INVERT ELEV. (N)	INVERT ELEV. (S)	INVERT ELEV. (E)	INVERT ELEV. (W)	STANDARD DETAIL	PAY ITEM NO.	COMMENTS
S 233A	107+20.00	RENWICK RD	67.00' LT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	645.97	642.14 (NE)		637.81	637.71 (SW)	602406-02	60223800	FLAT SLAB TOP
S 233B	107+50.00	RENWICK RD	69.97' LT	CATCH BASINS, TYPE C	TYPE 8 GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	645.24		642.29 (SW)			602001	60207605	
S 234	106+88.97	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	645.77		642.10 (SE)			602001	60201340	FLAT SLAB TOP
S 235	109+00.00	RENWICK RD	67.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	647.73		641.56	638.99	637.99	602401-01	60221100	
S 236	109+00.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	648.05	641.60	642.60			602001	60201340	
S 237	111+00.00	RENWICK RD	67.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	649.33		644.17	639.29	639.19	602401-01	60221100	FLAT SLAB TOP
S 238	111+00.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.39	644.27				602001	60201340	
S 239	107+00.00	RENWICK RD	22.00' LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	646.77	641.06				602001	60201340	
S 240	107+00.00	RENWICK RD	10.00' RT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	646.77		641.41			602301-01	60237470	
S 241	109+00.00	RENWICK RD	22.00' LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	648.83	643.66	643.66			602001	60201340	
S 242	109+00.00	RENWICK RD	10.00' RT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	648.83	643.95				602301-01	60237470	
S 243	106+95.00	RENWICK RD	40.50' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	646.66	640.56		638.67	638.57	602411	60224446	
S 244	107+00.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	646.29	640.60	640.60			602001	60201340	
S 245	108+65.00	RENWICK RD	40.00' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	647.94		641.61	638.94	638.84	602411	60224446	
S 245A	108+64.75	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	647.29	641.65				602001	60201340	
S 245B	109+50.00	RENWICK RD	29.00' RT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	648.96		642.82	639.12	639.02	602401-01	60221100	
S 245C	109+50.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	648.86	642.86	642.86			602001	60201340	
S 245D	109+50.00	RENWICK RD	44.50' RT	CATCH BASINS, TYPE C	TYPE 8 GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	647.50	642.91			642.21	602011	60207605	
S 247	111+00.00	RENWICK RD	29.00' RT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	650.50	644.33	644.33	639.37	639.27	602401-01	60221100	
S 247A	111+00.00	RENWICK RD	8.18' LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.96		644.71			602001	60201340	
S 248	111+00.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.39	644.37				602001	60201340	
S 249	113+00.00	RENWICK RD	53.00' LT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	651.65	644.97			639.59	602401-01	60221100	
S 249A	112+00.00	RENWICK RD	70.12' LT	CATCH BASINS, TYPE C	TYPE 8 GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	649.67		645.34 (SW)			602011	60207605	
S 249B	111+68.43	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.34	645.17 (NE)	644.81			602001	60201340	
S 249C	111+68.43	RENWICK RD	53.00' LT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	650.94	644.76		639.46	639.36	602406-02	60223800	
S 250	113+00.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	651.53		645.01			602001	60201340	
S 252	113+00.00	RENWICK RD	29.00' RT	MANHOLES, TYPE A, 5'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	651.93		645.76		639.57	602401-01	60221100	
S 253	113+00.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	651.83	645.80				602001	60201340	

RENWICK ROAD DRAINAGE STRUCTURE SCHEDULE - EAST LEG

STRUCTURE NO.	STATION	ALIGNMENT	OFFSET (FT)	STRUCTURE TYPE	FRAME AND GRATE	STRUCTURE + FRAME	RIM ELEV. (FT)	INVERT ELEV. (N)	INVERT ELEV. (S)	INVERT ELEV. (E)	INVERT ELEV. (W)	STANDARD DETAIL	PAY ITEM NO.	COMMENTS
S 254	116+50.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	651.83		646.95			602001	60201340	
S 255	116+50.00	RENWICK RD	4.00' LT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	652.70			646.67		602406-02	60223800	FLAT SLAB TOP
S 256	116+15.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	652.17	647.34				602001	60201340	
S 257	116+15.00	RENWICK RD	5.50' RT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	652.74		647.13	646.62		602406-02	60223800	FLAT SLAB TOP
S 258	118+50.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.62		646.75			602001	60201340	FLAT SLAB TOP
S 259	118+50.00	RENWICK RD	4.00' LT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	651.49	646.47	646.47	646.47	646.47	602411	60224446	FLAT SLAB TOP
S 259A	118+43.00	RENWICK RD	1.28' RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	651.46	646.52				602001	60201340	FLAT SLAB TOP
S 260	120+30.00	RENWICK RD	EOP LT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	650.01				646.64	602301-01	60237470	
S 261	120+20.75	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	649.99		646.54	646.54		602001	60201340	FLAT SLAB TOP
S 262	120+20.75	RENWICK RD	15.00' LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.80	646.33	646.33			602001	60201340	FLAT SLAB TOP
S 263	120+20.75	RENWICK RD	8.00' LT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	651.21	646.30		646.30	646.30	602411	60224446	FLAT SLAB TOP
S 264	121+50.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.53		646.37			602001	60201340	FLAT SLAB TOP
S 265	121+50.00	RENWICK RD	22.00' LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	651.01	646.24	646.24			602001	60201340	
S 266	121+50.00	RENWICK RD	8.00' LT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	651.56	646.17		646.17	646.17	602406-02	60223800	FLAT SLAB TOP
S 267A	117+20.00	RENWICK RD	5.50' RT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	652.07		648.12	646.52	646.52	602406-02	60223800	FLAT SLAB TOP
S 267	118+50.00	RENWICK RD	5.00' RT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	651.89		646.38	646.38	646.38	602406-02	60223800	FLAT SLAB TOP
S 268	117+19.00	RENWICK RD	41.00' RT	MANHOLES, TYPE A, 4'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	651.54	648.50	648.80 (EX)			602401-01	60218400	FLAT SLAB TOP
S 269	118+50.00	RENWICK RD	EOP RT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	650.62	646.59				602301-01	60237470	
S 270	120+20.75	RENWICK RD	3.00' RT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	651.18		646.21	646.21	646.21	602406-02	60223800	FLAT SLAB TOP
S 271	120+20.75	RENWICK RD	10.00' RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.66	646.24	646.24			602001	60201340	FLAT SLAB TOP
S 272	120+20.75	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	649.88	646.43		646.43		602001	60201340	FLAT SLAB TOP

8/22/2011
 P:\79766\cadd\dr-owngs\070dr-Sched.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RENWICK ROAD DRAINAGE STRUCTURE SCHEDULES

SCALE:
 DATE APRIL, 2011

DRAWN BY CJO
 CHECKED BY MFB

RENWICK ROAD DRAINAGE STRUCTURE SCHEDULE - EAST LEG (CTD.)

STRUCTURE NO.	STATION	ALIGNMENT	OFFSET (FT)	STRUCTURE TYPE	FRAME AND GRATE	STRUCTURE + FRAME	RIM ELEV. (FT)	INVERT ELEV. (N)	INVERT ELEV. (S)	INVERT ELEV. (E)	INVERT ELEV. (W)	STANDARD DETAIL	PAY ITEM NO.	COMMENTS
S 273	120+30.00	RENWICK RD	EOP RT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	649.90				646.48	602301-01	60237470	
S 274	121+75.00	RENWICK RD	3.00' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	651.55		646.06	646.06	646.06	602411	60224446	FLAT SLAB TOP
S 275	121+75.00	RENWICK RD	10.00' RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.60	646.09	646.09			602001	60201340	FLAT SLAB TOP
S 276	121+75.00	RENWICK RD	EOP RT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	650.07	646.28				602301-01	60237470	
S 277	124+50.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.49		645.90	645.90		602001	60201340	FLAT SLAB TOP
S 277A	124+50.00	RENWICK RD	15.00' LT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	650.98	646.44				602301-01	60237470	
S 278	124+50.00	RENWICK RD	8.00' LT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	651.42	645.87			645.87	602411	60224446	FLAT SLAB TOP
S 278A	124+50.00	RENWICK RD	46.00' LT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	650.91		645.84	645.84	645.84	602411	60224446	FLAT SLAB TOP
S 279	126+50.00	RENWICK RD	45.00' LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.24	645.71				602001	60201340	FLAT SLAB TOP
S 280	126+50.00	RENWICK RD	EOP LT	MANHOLES, TYPE A, 6'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	650.35		645.67	645.67	645.67	602406-02	60223800	FLAT SLAB TOP
S 281	127+80.00	RENWICK RD	EOP LT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	649.40			645.62		602301-01	60237470	
S 282	127+90.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	649.36	645.57			645.57	602001	60201340	FLAT SLAB TOP
S 283	127+90.00	RENWICK RD	42.00' LT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	649.86		645.53	645.53	645.53	602411	60224446	FLAT SLAB TOP
S 284	124+50.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.19	646.01		646.01		602001	60201340	FLAT SLAB TOP
S 284A	124+50.00	RENWICK RD	10.00' RT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	650.97		646.81			602301-01	60237470	
S 284B	124+50.00	RENWICK RD	53.00' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	650.61	645.75		645.75	645.75	602411	60224446	FLAT SLAB TOP
S 285	124+50.00	RENWICK RD	3.00' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	651.42		645.78		645.78	602411	60224446	FLAT SLAB TOP
S 285A	125+35.00	RENWICK RD	87.00' RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	648.46		644.00			602001	60201340	FLAT SLAB TOP
S 285B	125+39.00	RENWICK RD	99.00' RT	CONCRETE COLLAR	--	CONCRETE COLLAR	648.34	643.93	643.74 (EX)			--	54248510	
S 286	126+50.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	649.79		645.62			602001	60201340	FLAT SLAB TOP
S 287	126+50.00	RENWICK RD	44.50' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	650.75	645.57		645.57	645.57	602411	60224446	FLAT SLAB TOP
S 288	127+90.00	RENWICK RD	EOP RT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	649.36			645.52		602301-01	60237470	
S 289	128+00.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	649.40		645.47		645.47	602001	60201340	FLAT SLAB TOP
S 290	128+00.00	RENWICK RD	44.50' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	649.86	645.42		645.42	645.42	602411	60224446	FLAT SLAB TOP
S 291	129+50.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	649.90	645.41				602001	60201340	FLAT SLAB TOP
S 292	129+50.00	RENWICK RD	38.00' LT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	650.35		645.37	645.06	645.37	602411	60224446	FLAT SLAB TOP
S 293	133+00.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	649.20	644.75				602001	60201340	FLAT SLAB TOP
S 294	133+00.00	RENWICK RD	29.00' LT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	650.10		644.71	644.71	644.71	602411	60224446	FLAT SLAB TOP
S 295	129+00.00	RENWICK RD	10.00' RT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	650.17			645.81		602301-01	60237470	
S 296	129+50.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	649.86	645.17	645.07			602001	60201340	FLAT SLAB TOP
S 296A	129+50.00	RENWICK RD	1.06' LT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	650.46		645.36			602301-01	60237470	
S 296B	129+50.00	RENWICK RD	10.00' RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	650.34	645.31	645.31		645.31	602001	60201340	
S 297	129+50.00	RENWICK RD	44.50' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	650.19	645.02		643.99	645.27	602411	60224446	FLAT SLAB TOP
S 298	133+00.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	649.01		643.47			602001	60201340	
S 299	133+00.00	RENWICK RD	41.50' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	648.42	643.44		643.44	643.64	602411	60224446	FLAT SLAB TOP
S 300	134+50.00	RENWICK RD	EOP LT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	648.47				644.72	602301-01	60237470	
S 301	134+30.00	RENWICK RD	EOP LT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	648.53	644.62		644.62		602001	60201340	FLAT SLAB TOP
S 302	134+30.00	RENWICK RD	27.00' LT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	648.97		644.58	644.58	644.58	602411	60224446	FLAT SLAB TOP
S 303	134+50.00	RENWICK RD	27.00' LT	MANHOLES, TYPE A, 8'-DIAMETER, RESTRICTOR PLATE	2 - TYPE 1 FRAME CL	MANHOLES, TYPE A, 8'-DIAMETER, 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	649.55			644.56	644.56	--	--	FLAT SLAB TOP
S 304	134+63.00	RENWICK RD	33.00' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	--	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	649.50				644.49	542301-01	54213660	
S 305	134+50.00	RENWICK RD	2.90' LT	INLETS, TYPE A	TYPE 24 F&G	INLETS, TYPE A, TYPE 24 F&G	648.76		643.91			602301-01	60237470	
S 306	134+50.00	RENWICK RD	10.00' RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	648.76	643.85	643.85 (SW)			602001	60201340	
S 307	134+20.00	RENWICK RD	EOP RT	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 24 F&G	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 F&G	648.39	643.65 (NE)	643.65			602001	60201340	
S 308	134+20.00	RENWICK RD	41.50' RT	MANHOLES, TYPE A, 7'-DIAMETER	TYPE 1 FRAME CL	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	648.82	643.62	643.32 (SE)		643.32	602411	60224446	FLAT SLAB TOP
S 309	134+35.00	RENWICK RD	49.50' RT	MANHOLES, TYPE A, 8'-DIAMETER, RESTRICTOR PLATE	2 - TYPE 1 FRAME CL	MANHOLES, TYPE A, 8'-DIAMETER, 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	647.94	643.29 (NW)	643.29 (SE)			--	--	FLAT SLAB TOP
S 310 (EX)	134+49.00	RENWICK RD	56.66' RT	EXISTING MANHOLE			646.94	642.92 (NW)	640.34 (EX)	640.34 (EX)				

8/22/2011
 P:\197066\ceadd\drawings\070dr-Sched.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 RENWICK ROAD
 DRAINAGE STRUCTURE SCHEDULES
 SCALE: DRAWN BY CJO
 DATE APRIL, 2011 CHECKED BY MFB

RENWICK ROAD DRAINAGE PIPE SCHEDULE - EAST LEG (CTD.)

PIPE NO.	PIPE PAY ITEM NAME	FROM STRUCTURE	FROM STATION	TO STRUCTURE	TO STATION	TYPE	DIAMETER (INCH)	LENGTH (FT)	TRENCH BACKFILL (CU YD)	PAY ITEM NO.
P 273	STORM SEWERS, CLASS A, TYPE 1 12"	S 273	120+30.00	S 272	120+20.75	1	12	9	1.0	550A0050
P 274	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	S 274	121+75.00	S 285	124+50.00	1	53x34	275	86.4	550A4700
P 275	STORM SEWERS, CLASS A, TYPE 2 12"	S 275	121+75.00	S 274	121+75.00	2	12	6	1.6	550A0340
P 276	STORM SEWERS, CLASS A, TYPE 1 12"	S 276	121+75.00	S 275	121+75.00	1	12	38	6.9	550A0050
P 277	STORM SEWERS, CLASS A, TYPE 2 12"	S 277	124+50.00	S 278A	124+50.00	2	12	11	2.8	550A0340
P 277A	STORM SEWERS, CLASS A, TYPE 2 12"	S 277A	124+50.00	S 277	124+50.00	2	12	27	6.1	550A0340
P 278	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	S 278	124+50.00	S 278A	124+50.00	1	45x29	38	56.1	550A4500
P 278A	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	S 278A	124+50.00	S 280	126+50.00	1	45x29	200		550A4500
P 279	STORM SEWERS, CLASS A, TYPE 2 12"	S 279	126+50.00	S 280	126+50.00	2	12	8	0.0	550A0340
P 280	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	S 280	126+50.00	S 283	127+90.00	1	45x29	140	0.0	550A4500
P 281	STORM SEWERS, CLASS A, TYPE 1 12"	S 281	127+80.00	S 282	127+90.00	1	12	10	1.4	550A0050
P 282	STORM SEWERS, CLASS A, TYPE 1 12"	S 282	127+90.00	S 283	127+90.00	1	12	8	0.0	550A0050
P 283	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	S 283	127+90.00	S 292	129+50.00	1	53x34	160	0.0	550A4700
P 284	STORM SEWERS, CLASS A, TYPE 2 12"	S 284	124+50.00	S 284B	124+50.00	2	12	11	2.4	550A0340
P 284A	STORM SEWERS, CLASS A, TYPE 2 12"	S 284A	124+50.00	S 284	124+50.00	2	12	40	7.4	550A0340
P 284B	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	S 284B	124+50.00	S 287	126+50.00	1	53x34	200		550A4700
P 285	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	S 285	124+50.00	S 284B	124+50.00	1	53x34	50	39.1	550A4700
P 285A	STORM SEWERS, CLASS A, TYPE 1 18"	S 285A	125+35.00	S 285B	125+39.00	1	18	13	2.6	550A0090
P 286	STORM SEWERS, CLASS A, TYPE 2 12"	S 286	126+50.00	S 287	126+50.00	2	12	9	0.0	550A0340
P 287	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	S 287	126+50.00	S 290	128+00.00	1	53x34	150	0.0	550A4700
P 288	STORM SEWERS, CLASS A, TYPE 1 12"	S 288	127+90.00	S 289	128+00.00	1	12	10	1.5	550A0050
P 289	STORM SEWERS, CLASS A, TYPE 2 12"	S 289	128+00.00	S 290	128+00.00	2	12	10	0.0	550A0340
P 290	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	S 290	128+00.00	S 297	129+50.00	1	53x34	150	0.1	550A4700
P 291	STORM SEWERS, CLASS A, TYPE 2 12"	S 291	129+50.00	S 292	129+50.00	2	12	8	0.0	550A0340
P 292	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	S 292	129+50.00	S 294	133+00.00	1	53x34	350	0.0	550A4700
P 293	STORM SEWERS, CLASS A, TYPE 2 12"	S 293	133+00.00	S 294	133+00.00	2	12	7	0.0	550A0340
P 294	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	S 294	133+00.00	S 302	134+30.00	1	53x34	130	0.8	550A4700
P 295	STORM SEWERS, CLASS A, TYPE 2 12"	S 295	129+00.00	S 296B	129+50.00	2	12	50	12.0	550A0340
P 296	STORM SEWERS, CLASS A, TYPE 2 12"	S 296	129+50.00	S 297	129+50.00	2	12	9	0.0	550A0340
P 296A	STORM SEWERS, CLASS A, TYPE 2 12"	S 296A	129+50.00	S 296B	129+50.00	2	12	10	4.4	550A0340
P 296B	STORM SEWERS, CLASS A, TYPE 2 12"	S 296B	129+50.00	S 296	129+50.00	2	12	27	6.9	550A0340
P 297	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	S 297	129+50.00	S 299	133+00.00	1	53x34	350	0.0	550A4700
P 298	STORM SEWERS, CLASS A, TYPE 2 12"	S 298	133+00.00	S 299	133+00.00	2	12	6	0.0	550A0340
P 299	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	S 299	133+00.00	S 308	134+20.00	1	53x34	120	0.0	550A4700
P 300	STORM SEWERS, CLASS A, TYPE 1 12"	S 300	134+50.00	S 301	134+30.00	1	12	20	3.0	550A0050
P 301	STORM SEWERS, CLASS A, TYPE 2 12"	S 301	134+30.00	S 302	134+30.00	1	12	7	0.0	550A0340
P 302	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	S 302	134+30.00	S 303	134+50.00	1	53x34	20	0.0	550A4700
P 303	STORM SEWERS, CLASS A, TYPE 1 15"	S 303	134+50.00	S 304	134+63.00	1	15	14	0.0	550A0070
P 305	STORM SEWERS, CLASS A, TYPE 2 12"	S 305	134+50.00	S 306	134+50.00	2	12	11	2.8	550A0340
P 306	STORM SEWERS, CLASS A, TYPE 2 12"	S 306	134+50.00	S 307	134+20.00	2	12	40	10.1	550A0340
P 307	STORM SEWERS, CLASS A, TYPE 2 12"	S 307	134+20.00	S 308	134+20.00	2	12	5	0.0	550A0340
P 308	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 42"	S 308	134+20.00	S 309	134+35.00	2	53x34	17	0.0	550A5500
P 309	STORM SEWERS, CLASS A, TYPE 2 18"	S 309	134+35.00	S 310 (EX)	134+49.00	2	18	16	0.0	550A0380

8/22/2011
P: 179766\cadd\drawings\070-dr-Sched.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RENWICK ROAD
DRAINAGE PIPE SCHEDULES

SCALE: DRAWN BY CJO
DATE APRIL, 2011 CHECKED BY MFB

DRAINAGE STRUCTURE REMOVAL SCHEDULE

ALIGNMENT	STATION	OFFSET (FT)	STRUCTURE TYPE				TRENCH BACKFILL (CU YD)	PAY ITEM NO.
			MH	CB	INLET	FES		
WEBER RD.	31+57	32.75' LT			INLET	1.9	60500060	
WEBER RD.	31+59	26.50' RT	MH			6.0	60500040	
WEBER RD.	31+59	31.50' RT		CB		9.0	60500050	
WEBER RD.	35+80	32.50' LT			INLET	2.1	60500060	
WEBER RD.	35+82	31.75' RT	MH			6.6	60500040	
WEBER RD.	35+83	37.75' RT	MH			4.2	60500040	
WEBER RD.	35+87	32.50' RT			INLET	1.0	60500060	
WEBER RD.	38+35	32.25' LT			INLET	1.7	60500060	
WEBER RD.	38+36	36.75' RT	MH			6.0	60500040	
WEBER RD.	38+37	43.75' RT			INLET	1.9	60500060	
WEBER RD.	40+30	32.00' RT			INLET	1.5	60500040	
WEBER RD.	40+30	44.00' RT			INLET	1.8	60500060	
WEBER RD.	41+13	32.50' RT	MH			6.0	60500040	
WEBER RD.	41+16	32.25' LT			INLET	2.0	60500060	
WEBER RD.	41+17	37.75' RT	MH			4.4	60500040	
WEBER RD.	41+19	32.50' RT			INLET	1.6	60500060	
WEBER RD.	43+79	32.00' RT	MH			5.4	60500040	
WEBER RD.	43+80	32.75' LT			INLET	2.0	60500060	
WEBER RD.	43+83	36.50' RT	MH			3.7	60500040	
WEBER RD.	43+87	32.00' RT			INLET	1.2	60500060	
WEBER RD.	46+39	42.75' RT	MH			5.6	60500040	
WEBER RD.	46+49	33.00' RT		CB		5.1	60500050	
WEBER RD.	46+51	32.50' LT			INLET	2.0	60500060	
WEBER RD.	52+98	32.00' LT			INLET	2.1	60500060	
WEBER RD.	52+98	46.00' LT				FES 1.2	X0322936	
WEBER RD.	52+98	32.25' RT			INLET	1.1	60500060	
WEBER RD.	52+98	45.50' RT				FES 1.0	X0322936	
WEBER RD.	55+52	27.50' LT			INLET	1.6	60500060	
WEBER RD.	55+52	42.00' LT				FES 1.0	X0322936	
WEBER RD.	55+53	27.00' RT			INLET	0.6	60500060	
WEBER RD.	55+53	40.00' RT				FES 0.8	X0322936	
WEBER RD.	58+13	26.25' LT			INLET	1.4	60500060	
WEBER RD.	58+13	39.00' LT				FES 0.8	X0322936	
WEBER RD.	58+13	26.00' RT			INLET	1.4	60500060	
WEBER RD.	58+13	38.75' RT				FES 0.8	X0322936	
WEBER RD.	60+68	26.25' LT			INLET	1.3	60500060	
WEBER RD.	60+68	38.75' LT				FES 0.8	X0322936	
WEBER RD.	60+68	26.00' RT			INLET	1.7	60500060	
WEBER RD.	60+68	39.00' RT				FES 0.9	X0322936	
WEBER RD.	63+22	22.25' RT			INLET	1.3	60500060	
WEBER RD.	63+22	37.25' RT				FES 0.7	X0322936	
WEBER RD.	63+23	26.25' LT			INLET	1.3	60500060	
WEBER RD.	63+23	39.25' LT				FES 0.7	X0322936	
WEBER RD.	65+33	54.00' RT				FES 0.7	X0322936	
WEBER RD.	65+42	42.75' RT		CB		3.4	60500050	
WEBER RD.	65+42	54.00' RT		CB		4.4	60500050	
WEBER RD.	65+77	37.25' LT		CB		3.5	60500050	
WEBER RD.	65+77	54.25' LT				FES 0.9	X0322936	
WEBER RD.	65+99	59.50' LT				FES 0.0	X0322936	
RENWICK RD.	108+53	39.75' RT		CB		3.7	60500050	
RENWICK RD.	108+68	39.00' RT				FES 1.0	X0322936	
RENWICK RD.	117+20	41.25' RT	MH			4.6	60500040	
RENWICK RD.	117+64	38.75' RT				FES 0.9	X0322936	
RENWICK RD.	117+77	50.25' RT			INLET	2.8	60500060	
RENWICK RD.	119+12	50.25' RT			INLET	2.1	60500060	
RENWICK RD.	119+18	37.50' LT				FES 0.9	X0322936	
RENWICK RD.	119+21	40.75' RT				FES 1.2	X0322936	
RENWICK RD.	119+23	33.00' RT				FES 1.4	X0322936	
RENWICK RD.	124+18	27.50' LT				FES 1.3	X0322936	
RENWICK RD.	124+19	44.00' RT	MH			6.9	60500040	
RENWICK RD.	125+39	86.50' RT		CB		5.4	60500050	
RENWICK RD.	127+97	42.75' RT			INLET	0.0	60500060	
TOTALS			11	7	25	19		
TRENCH BACKFILL SUB-TOTAL:						150.1		

PIPE REMOVAL SCHEDULE

ALIGNMENT	FROM STATION	OFFSET (FT)	TO STATION	OFFSET (FT)	DIAMETER (IN)	LENGTH (FT)	TRENCH BACKFILL (CU YD)	PAY ITEM NO.
WEBER RD.	31+57	32.75' LT	31+59	26.50' RT	12	59	20.4	55100500
WEBER RD.	31+59	31.50' RT	31+59	26.50' RT	12	5	2.5	55100500
WEBER RD.	31+50	27.00' RT	31+59	26.50' RT	24	9	11.8	55100500
WEBER RD.	31+59	26.50' RT	35+83	37.75' RT	24	423	225.1	55101200
WEBER RD.	35+80	42.50' LT	35+80	32.50' LT	6	10	1.3	55100200
WEBER RD.	35+80	32.50' LT	35+82	31.75' RT	12	64	26.5	55100500
WEBER RD.	35+82	31.75' RT	35+83	37.75' RT	12	6	2.2	55100500
WEBER RD.	35+83	37.75' RT	35+87	32.50' RT	12	5	1.1	55100500
WEBER RD.	35+83	37.75' RT	38+36	36.75' RT	18	254	129.3	55100900
WEBER RD.	38+35	46.00' LT	38+35	32.25' LT	6	13	1.8	55100200
WEBER RD.	38+35	32.25' LT	38+36	36.75' RT	12	7	2.3	55100500
WEBER RD.	38+36	36.75' RT	38+37	43.75' RT	12	69	23.8	55100500
WEBER RD.	40+30	32.00' RT	40+30	44.00' RT	12	12	3.0	55100500
WEBER RD.	38+36	36.75' RT	41+13	32.50' RT	18	277	143.6	55100900
WEBER RD.	41+13	32.50' RT	41+16	32.25' RT	12	7	2.6	55100500
WEBER RD.	41+15	61.00' LT	41+15	32.25' LT	6	29	4.5	55100200
WEBER RD.	41+16	32.25' LT	41+17	37.75' RT	12	65	24.8	55100500
WEBER RD.	41+17	37.75' RT	41+19	32.50' RT	12	6	1.7	55100500
WEBER RD.	41+13	32.50' RT	43+79	32.00' RT	18	266	125.5	55100900
WEBER RD.	43+79	32.00' RT	43+80	32.75' LT	12	65	22.7	55100500
WEBER RD.	43+79	32.00' RT	43+83	36.50' RT	12	5	1.1	55100500
WEBER RD.	43+83	36.50' RT	43+87	32.00' RT	12	6	1.3	55100500
WEBER RD.	43+79	32.00' RT	46+39	42.75' RT	12	260	101.6	55100500
WEBER RD.	46+39	42.75' RT	46+49	33.00' RT	12	14	5.5	55100500
WEBER RD.	46+49	33.00' RT	46+51	32.50' LT	12	67	23.1	55100500
WEBER RD.	52+98	32.00' LT	52+98	46.00' LT	12	15	5.1	55100500
WEBER RD.	52+98	32.25' RT	52+98	45.50' RT	12	15	2.6	55100500
WEBER RD.	55+52	27.50' LT	55+53	42.00' LT	12	16	4.0	55100500
WEBER RD.	55+53	27.00' RT	55+53	40.00' RT	12	14	1.2	55100500
WEBER RD.	58+13	26.25' LT	58+13	39.00' LT	12	14	3.2	55100500
WEBER RD.	58+13	26.00' RT	58+13	38.75' RT	12	14	3.1	55100500
WEBER RD.	60+68	26.25' LT	60+69	38.75' LT	12	14	2.9	55100500
WEBER RD.	60+68	26.00' RT	60+68	39.00' RT	12	14	3.8	55100500
WEBER RD.	63+22	22.25' RT	63+22	37.25' RT	12	13	2.5	55100500
WEBER RD.	63+23	26.25' LT	63+23	39.25' LT	12	14	2.8	55100500
WEBER RD.	65+33	54.00' RT	65+42	54.00' RT	15	8	2.4	55100700
WEBER RD.	65+42	42.75' RT	65+42	54.00' RT	15	11	3.0	55100700
WEBER RD.	65+42	54.00' RT	66+12	52.50' RT	15	70	0.0	55100700
WEBER RD.	65+77	37.25' LT	65+77	54.25' LT	15	17	4.7	55100700
WEBER RD.	65+99	59.50' LT	66+32	59.50' LT	15	33	3.4	55100700
RENWICK RD.	108+19	40.00' RT	108+68	39.00' RT	18	49	13.8	55100700
RENWICK RD.	117+14	56.50' RT	117+20	41.25' RT	12	16	3.4	55100500
RENWICK RD.	117+20	41.25' RT	117+64	38.75' RT	15	45	12.5	55100700
RENWICK RD.	117+77	50.25' RT	119+12	50.25' RT	24	135	71.9	55101200
RENWICK RD.	117+77	50.25' RT	117+77	61.50' RT	24	11	7.0	55101200
RENWICK RD.	119+12	50.25' RT	119+21	40.75' RT	24	9	4.1	55101200
RENWICK RD.	125+39	86.50' RT	125+39	99.00' RT	18	12	5.5	55100700
RENWICK RD.	127+97	42.75' RT	127+97	60.00' RT	18	17	0.0	55100700
TRENCH BACKFILL SUB-TOTAL:							1,072.1	

CULVERT REMOVAL SCHEDULE

ALIGNMENT	FROM STATION	OFFSET (FT)	TO STATION	OFFSET (FT)	CULVERT TYPE	DIAMETER (IN)	LENGTH (FT)	TRENCH BACKFILL (CU YD)	PAY ITEM NO.
WEBER RD.	60+96	42.00' RT	61+30	41.75' RT	CMP	15	34	9.8	50105220
WEBER RD.	62+56	42.00' RT	62+89	42.00' RT	CMP	15	33	4.5	50105220
RENWICK RD.	89+70	35.25' RT	90+16	35.00' RT	CMP	15	46	0.0	50105220
RENWICK RD.	92+16	39.25' RT	92+45	38.75' RT	CMP	15	29	8.2	50105220
RENWICK RD.	92+67	38.75' RT	93+17	39.50' RT	CMP	15	50	11.8	50105220
RENWICK RD.	100+84	48.75' LT	102+06	48.00' LT	CMP	15	122	41.5	50105220
RENWICK RD.	100+83	39.75' RT	102+12	39.75' RT	CMP	15	129	37.1	50105220
RENWICK RD.	106+28	48.00' LT	107+06	69.25' LT	CMP	15	78	28.9	50105220
RENWICK RD.	111+20	50.50' LT	111+80	50.75' LT	CMP	15	60	20.2	50105220
RENWICK RD.	116+76	44.00' LT	117+16	44.00' LT	CMP	12	40	4.8	50105220
RENWICK RD.	118+11	42.75' LT	118+39	43.25' LT	CMP	15	28	4.5	50105220
RENWICK RD.	119+18	37.50' LT	119+23	33.00' RT	CMP	24	84	32.7	50105220
RENWICK RD.	124+19	27.50' LT	124+19	44.00' RT	CMP	18	85	44.1	50105220
RENWICK RD.	124+19	44.00' RT	125+39	86.50' RT	CMP	18	127	13.8	50105220
RENWICK RD.	133+87	34.50' LT	134+24	34.00' LT	CMP	15	37	14.6	50105220
TRENCH BACKFILL SUB-TOTAL:								276.6	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	80
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 WEBER ROAD AND RENWICK ROAD
 REMOVAL & ADJUSTMENT SCHEDULES

SCALE: DRAWN BY CJO
 DATE APRIL, 2011 CHECKED BY MFB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	81
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



MATCH LINE STA 49+75 SEE SHEET NO.

- NOTES:**
1. THE LOCATION OF THE LONGITUDINAL CONSTRUCTION JOINTS MAY VARY DEPENDING ON THE STAGE CONSTRUCTION OF THE PAVEMENT.
 2. SIDE STREET PAVEMENT JOINTS SHALL LINE UP WITH THE CONTRACTION AND CONSTRUCTION JOINTS ON THE MAINLINE PAVEMENT TO AVOID MID-PANEL CRACKING.

- JOINT LEGEND**
- (A) KEYED LONGITUDINAL CONSTRUCTION JOINT WITH #6 EPOXY-COATED REINF. BAR @ 30" C-C 30" LONG PER IDOT STANDARD 420001-07 (COST INCLUDED IN PCC PAVEMENT)
 - (B) SAWED TRANSVERSE CONTRACTION JOINT WITH 18" DOWEL BARS AT 12" CENTER PER IDOT STANDARD 420001-07 (COST INCLUDED IN PCC PAVEMENT)

REVISIONS	
NAME	DATE

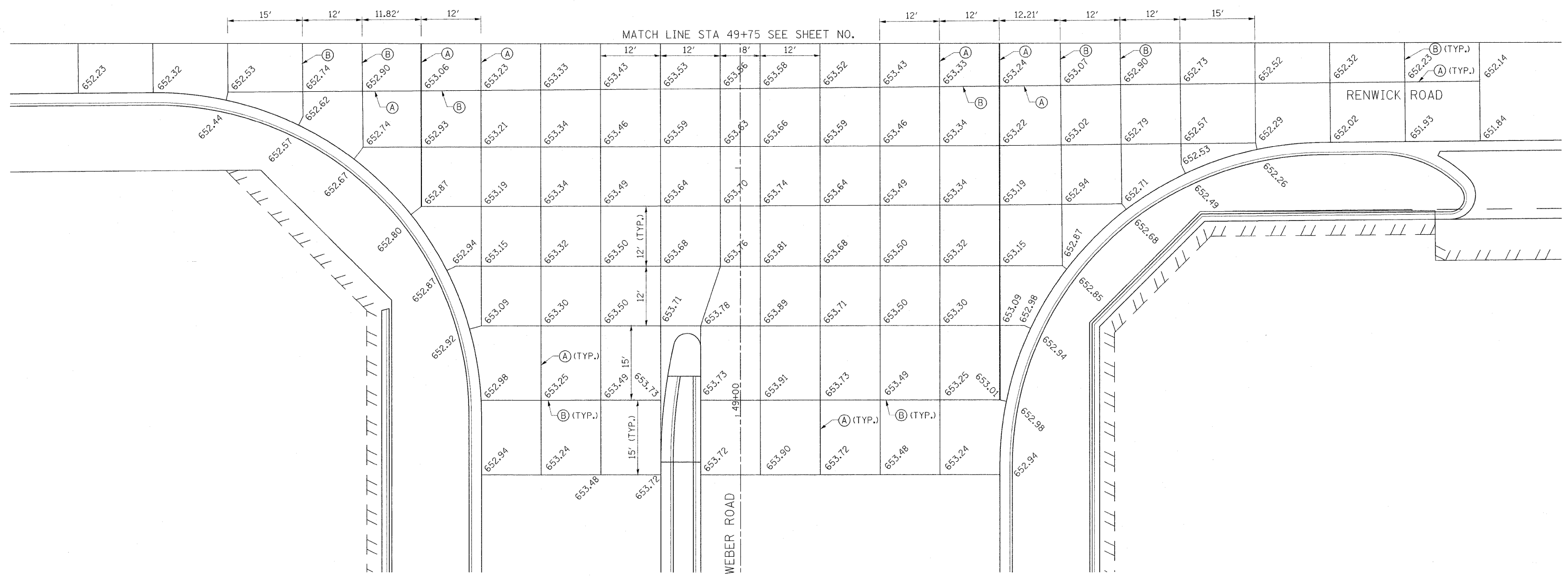
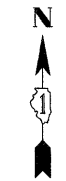
ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING AND JOINT PLAN
WEBER RD. AND RENWICK RD.
SHEET 1 OF 2

SCALE: 1" = 10'
DATE: APRIL, 2011

DRAWN BY: PHP
CHECKED BY: MFB

8/22/2011 P:\79766\Cadd\Drawings\081U\o\m\p\1.m01.dgn



- NOTES:**
- THE LOCATION OF THE LONGITUDINAL CONSTRUCTION JOINTS MAY VARY DEPENDING ON THE STAGE CONSTRUCTION OF THE PAVEMENT.
 - SIDE STREET PAVEMENT JOINTS SHALL LINE UP WITH THE CONSTRUCTION AND CONSTRUCTION JOINTS ON THE MAINLINE PAVEMENT TO AVOID MID-PANEL CRACKING.

- JOINT LEGEND**
- (A)** KEYED LONGITUDINAL CONSTRUCTION JOINT WITH #6 EPOXY-COATED REINF. BAR @ 30" C-C 30' LONG PER IDOT STANDARD 420001-07 (COST INCLUDED IN PCC PAVEMENT)
 - (B)** SAWED TRANSVERSE CONTRACTION JOINT WITH 18" DOWEL BARS AT 12" CENTER PER IDOT STANDARD 420001-07 (COST INCLUDED IN PCC PAVEMENT)

REVISIONS	
NAME	DATE

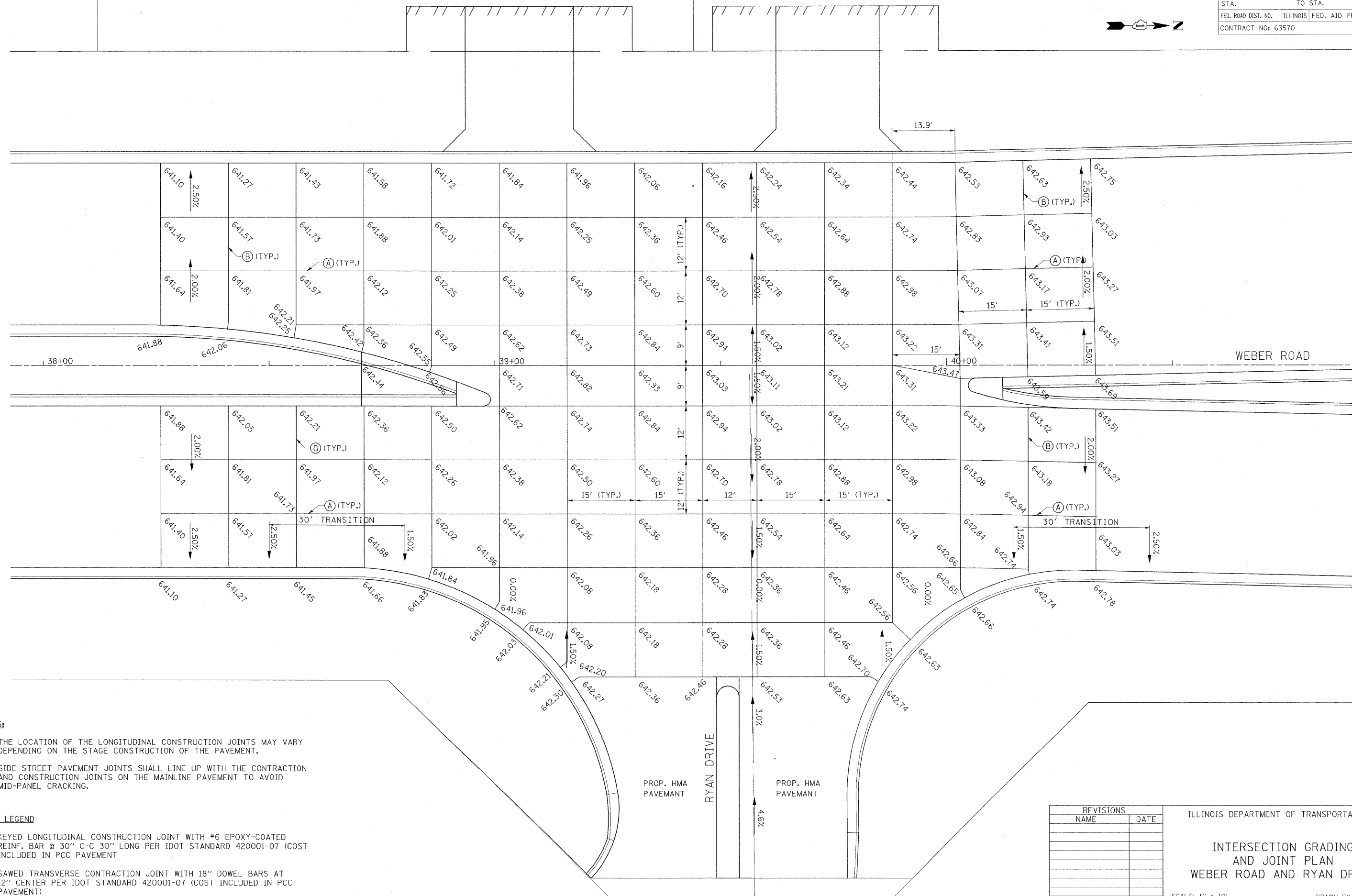
ILLINOIS DEPARTMENT OF TRANSPORTATION

**INTERSECTION GRADING
AND JOINT PLAN
WEBER RD. AND RENWICK RD.
SHEET 2 OF 2**

SCALE: 1" = 10'

DATE APRIL, 2011

DRAWN BY PHP
CHECKED BY MFB



NOTES:

1. THE LOCATION OF THE LONGITUDINAL CONSTRUCTION JOINTS MAY VARY DEPENDING ON THE STAGE CONSTRUCTION OF THE PAVEMENT.
2. SIDE STREET PAVEMENT JOINTS SHALL LINE UP WITH THE CONTRACTION AND CONSTRUCTION JOINTS ON THE MAINLINE PAVEMENT TO AVOID MID-PANEL CRACKING.

JOINT LEGEND

- (A) KEYED LONGITUDINAL CONSTRUCTION JOINT WITH #6 EPOXY-COATED REINF. BAR @ 30" C-C 30" LONG PER IDOT STANDARD 420001-07 (COST INCLUDED IN PCC PAVEMENT)
- (B) SAWED TRANSVERSE CONTRACTION JOINT WITH 18" DOWEL BARS AT 12" CENTER PER IDOT STANDARD 420001-07 (COST INCLUDED IN PCC PAVEMENT)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

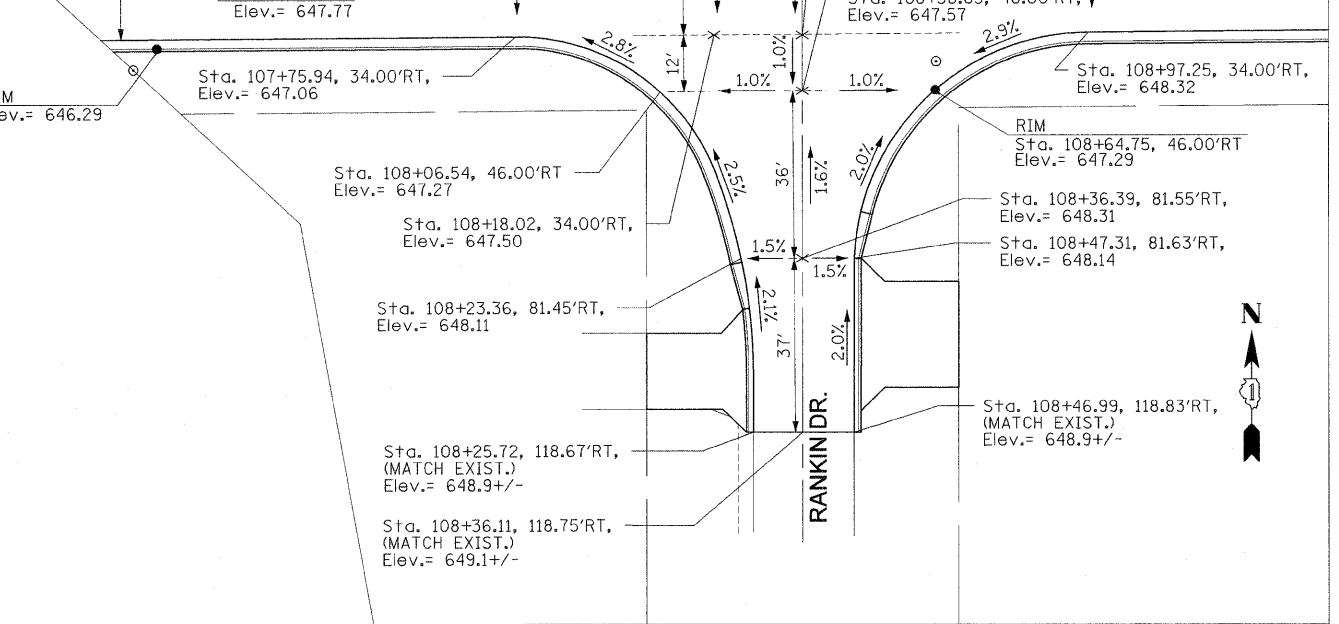
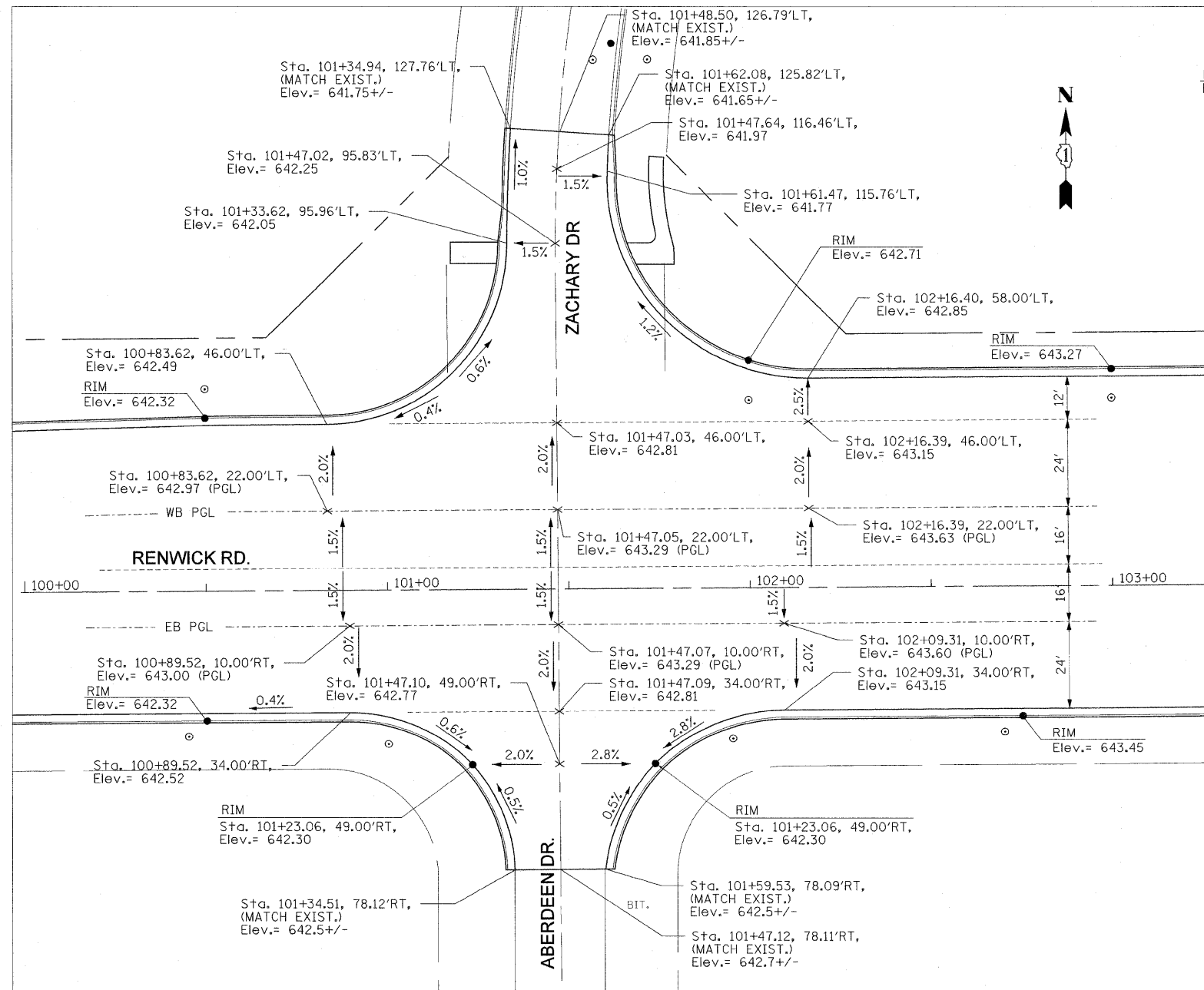
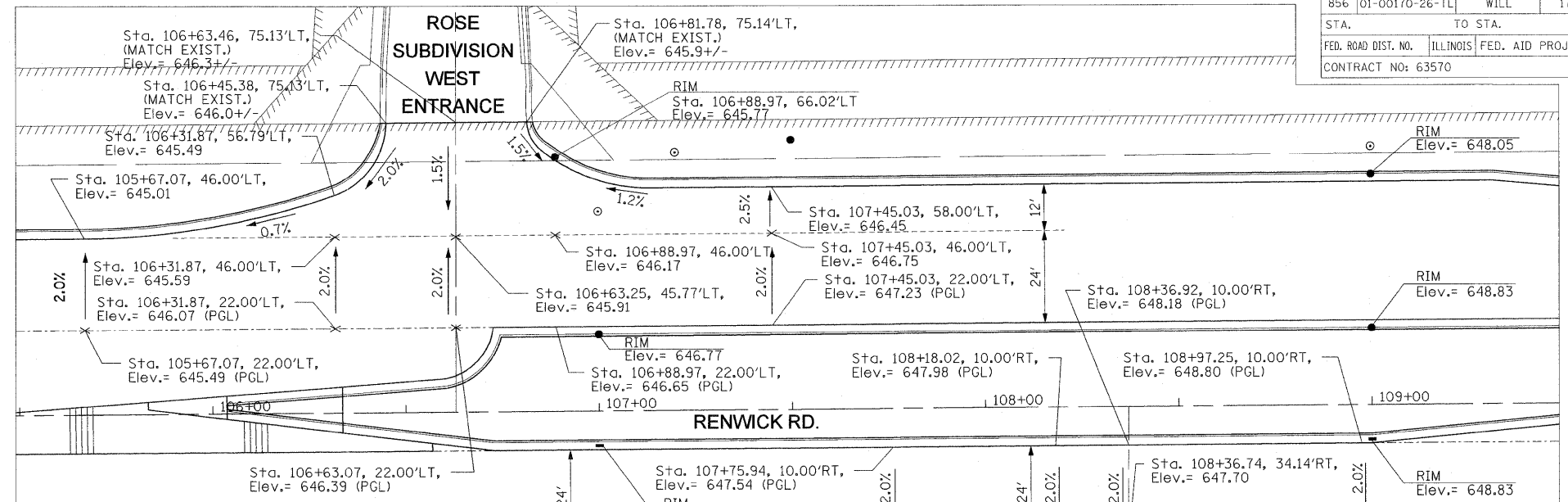
**INTERSECTION GRADING
AND JOINT PLAN
WEBER ROAD AND RYAN DRIVE**

SCALE: 1" = 10'
DATE: APRIL, 2011

DRAWN BY: PHP
CHECKED BY: MFB

8/22/2011 P:\179766\cadd\cadd\drawings\083\JointPlan03.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	84
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



**GRADING PLAN
RANKIN DRIVE / ROSE SUBDIVISION
WEST ENTRANCE AND RENWICK ROAD**

- NOTES:
1. RIM ELEVATIONS FOR STRUCTURES ARE SHOWN AT THE EDGE OF PAVEMENT.
 2. SEE TYPICAL SECTIONS AND CROSS-SECTION SHEETS FOR MEDIAN ELEVATIONS AND TYPICAL SLOPES.

**GRADING PLAN
ZACHARY DRIVE / ABERDEEN DRIVE
AND RENWICK ROAD**

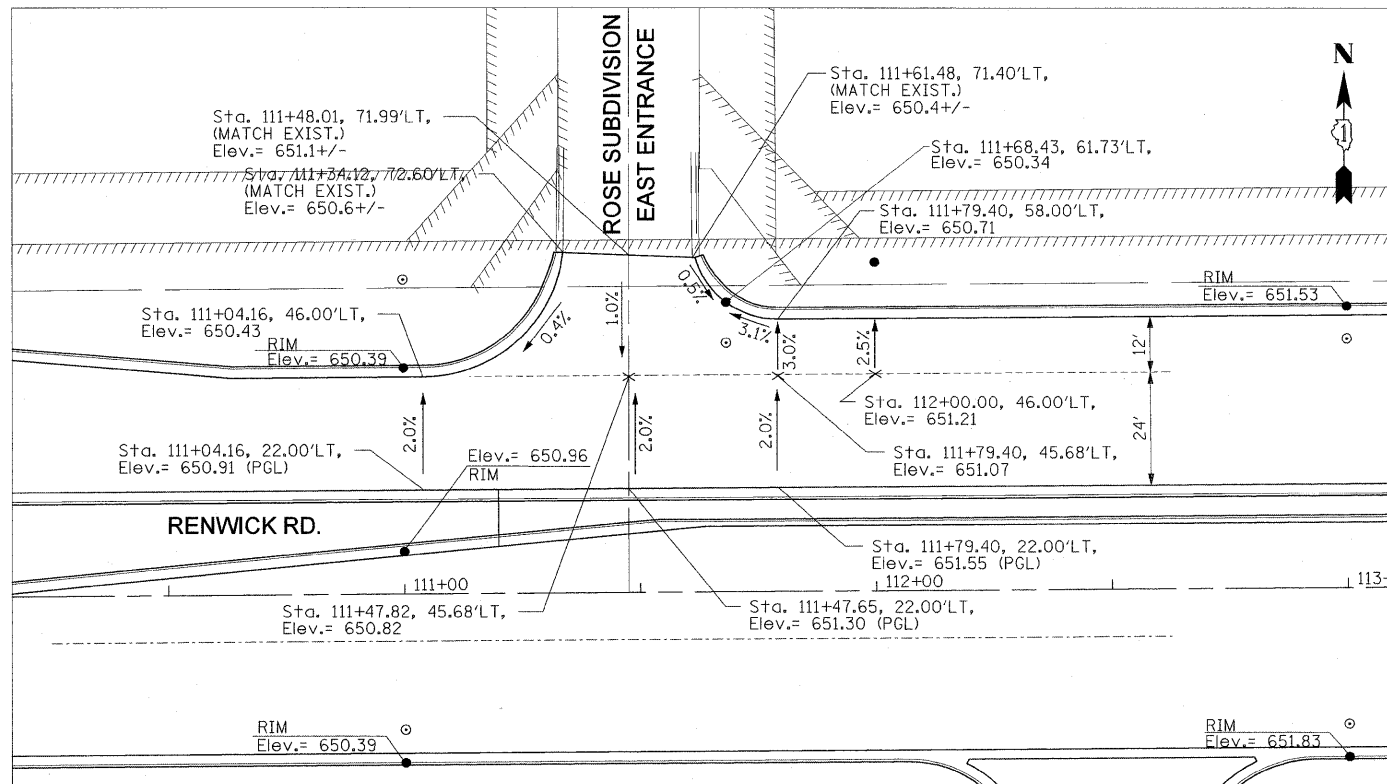
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION GRADING PLAN
SHEET 1 OF 2

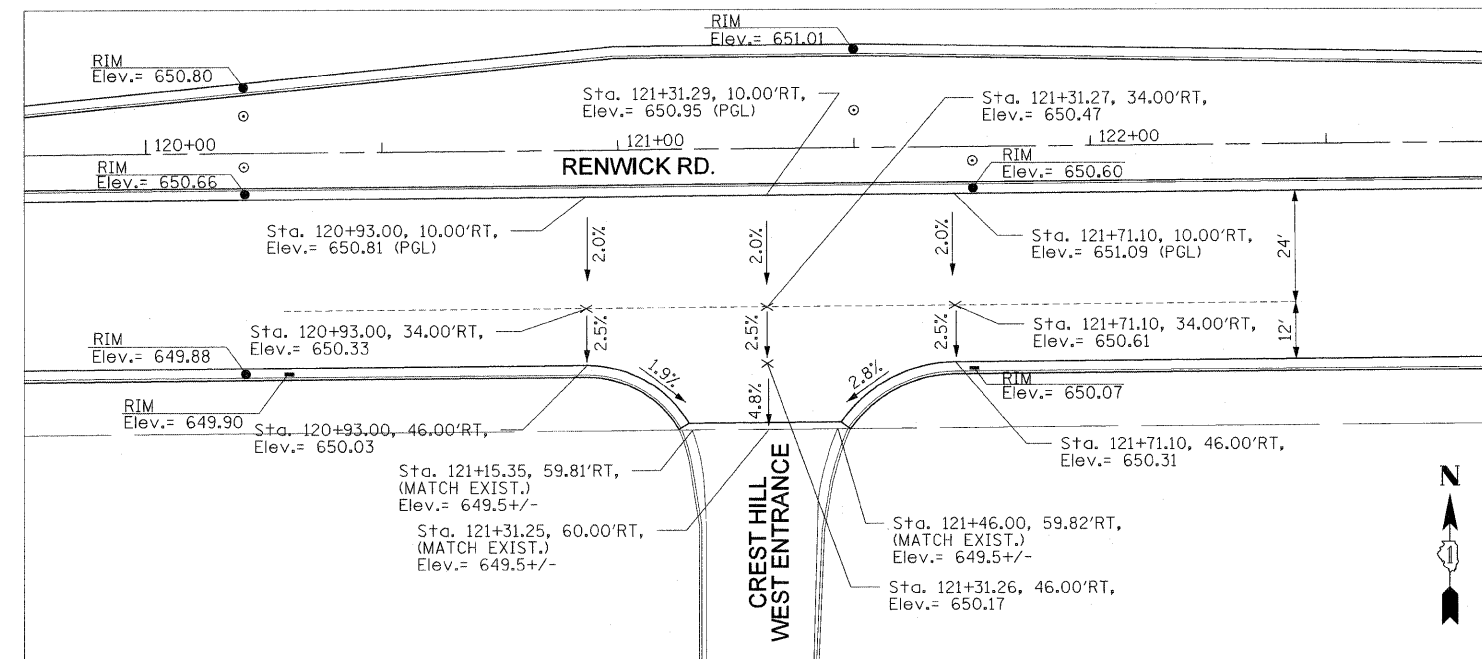
SCALE: 1" = 20'
DATE: APRIL, 2011
DRAWN BY: MXF
CHECKED BY: MFB

8/22/2011 P:\179766\cadd\drawings\084GradingPlan01.dgn

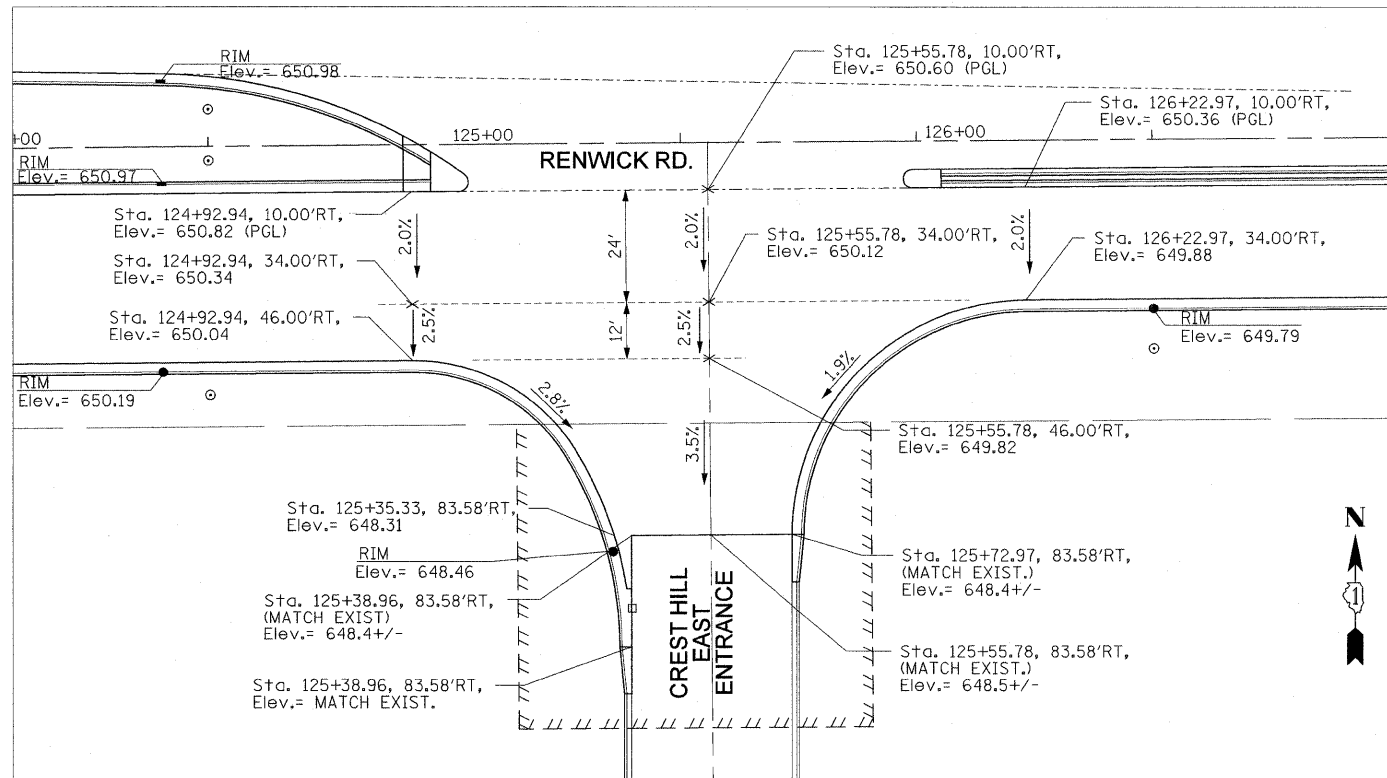
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	85
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



**GRADING PLAN
ROSE SUBDIVISION EAST ENTRANCE
AND RENWICK ROAD**



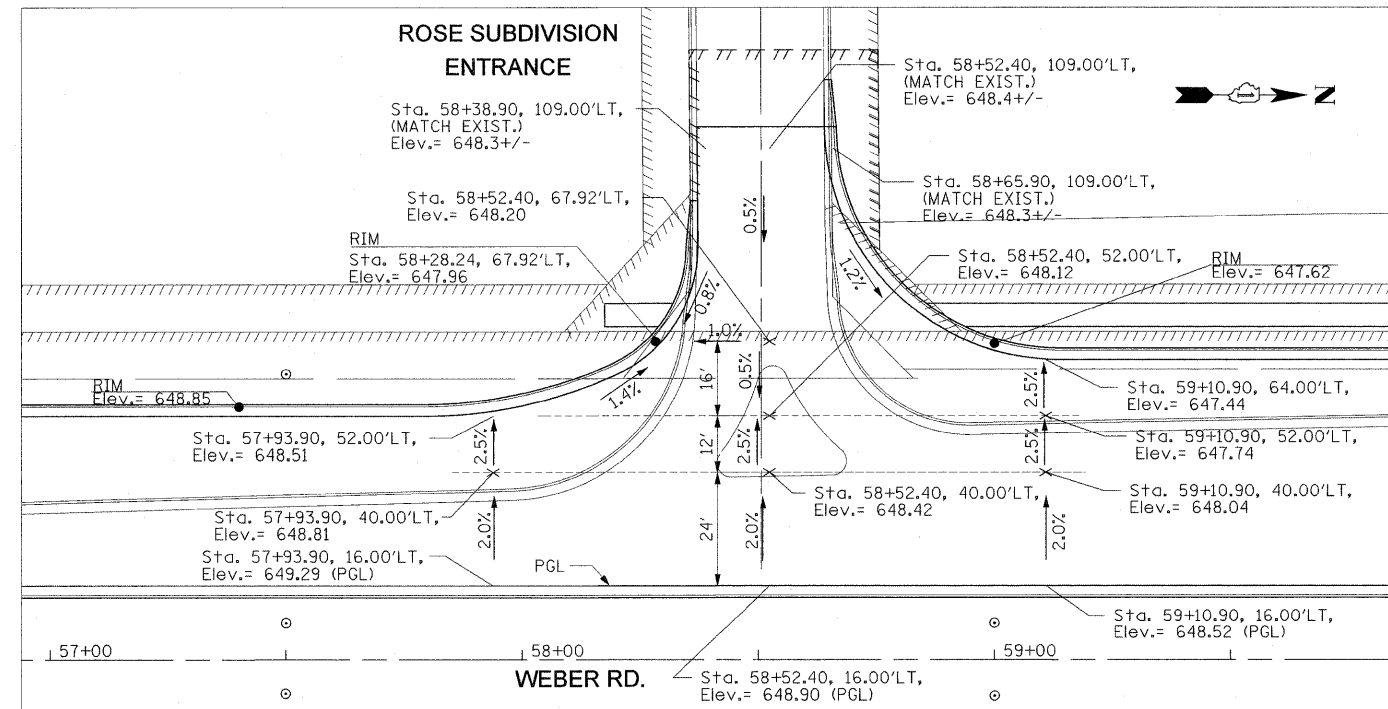
**GRADING PLAN
CREST HILL BUSINESS CENTER WEST
ENTRANCE AND RENWICK ROAD**



**GRADING PLAN
CREST HILL BUSINESS CENTER EAST
ENTRANCE AND RENWICK ROAD**

NOTES:

- RIM ELEVATIONS FOR STRUCTURES ARE SHOWN AT THE EDGE OF PAVEMENT.
- SEE TYPICAL SECTIONS AND CROSS-SECTION SHEETS FOR MEDIAN ELEVATIONS AND TYPICAL SLOPES.



**GRADING PLAN
ROSE SUBDIVISION ENTRANCE
AND WEBER ROAD**

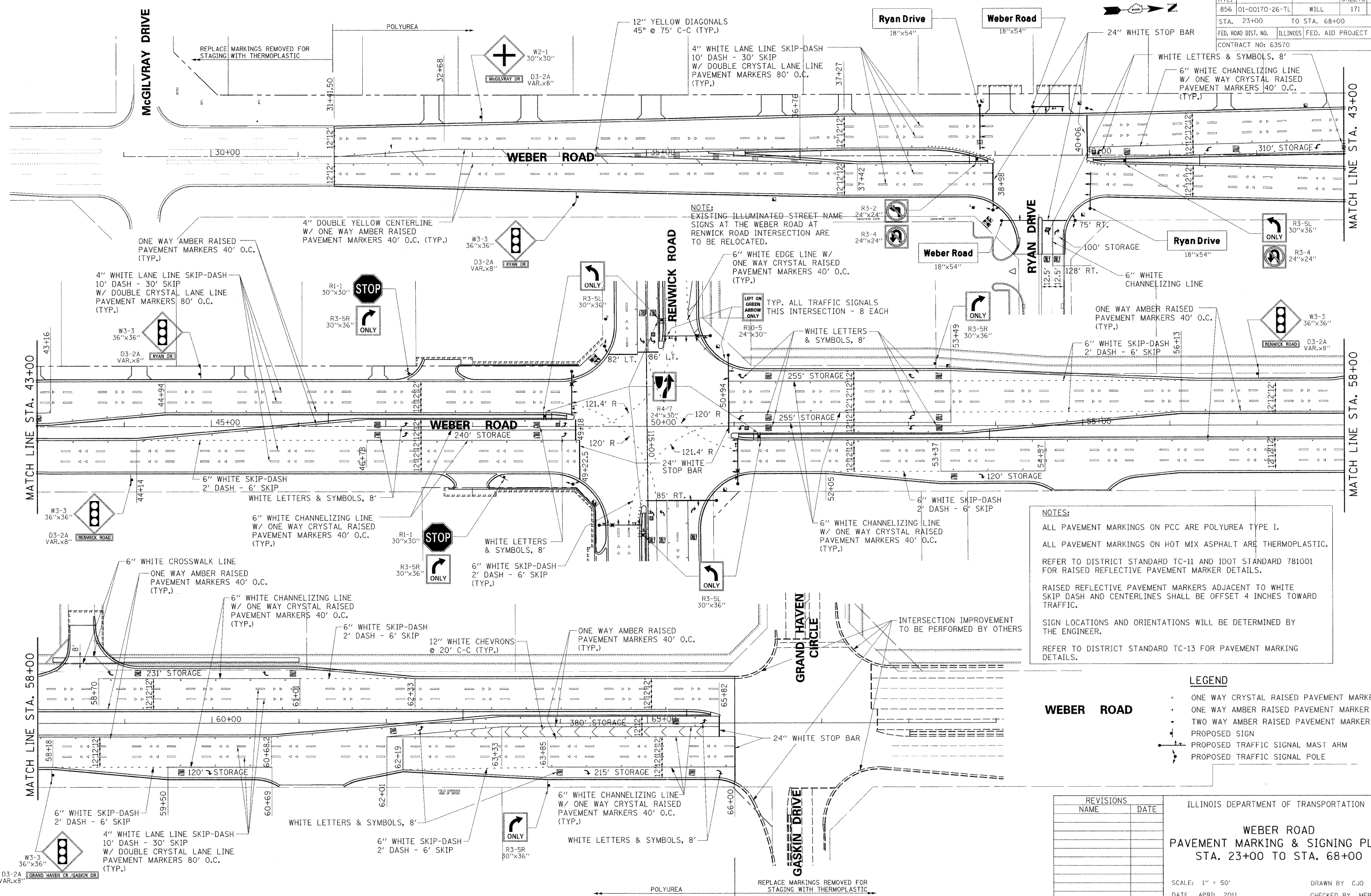
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION GRADING PLAN
SHEET 2 OF 2

SCALE: 1" = 20'
DATE: APRIL, 2011

DRAWN BY: MXF
CHECKED BY: MFB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	86
STA. 23+00	TO STA. 68+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



NOTES:

ALL PAVEMENT MARKINGS ON PCC ARE POLYUREA TYPE I.

ALL PAVEMENT MARKINGS ON HOT MIX ASPHALT ARE THERMOPLASTIC.

REFER TO DISTRICT STANDARD TC-11 AND IDOT STANDARD 781001 FOR RAISED REFLECTIVE PAVEMENT MARKER DETAILS.

RAISED REFLECTIVE PAVEMENT MARKERS ADJACENT TO WHITE SKIP DASH AND CENTERLINES SHALL BE OFFSET 4 INCHES TOWARD TRAFFIC.

SIGN LOCATIONS AND ORIENTATIONS WILL BE DETERMINED BY THE ENGINEER.

REFER TO DISTRICT STANDARD TC-13 FOR PAVEMENT MARKING DETAILS.

- LEGEND**
- ONE WAY CRYSTAL RAISED PAVEMENT MARKER
 - ONE WAY AMBER RAISED PAVEMENT MARKER
 - TWO WAY AMBER RAISED PAVEMENT MARKER
 - PROPOSED SIGN
 - PROPOSED TRAFFIC SIGNAL MAST ARM
 - PROPOSED TRAFFIC SIGNAL POLE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

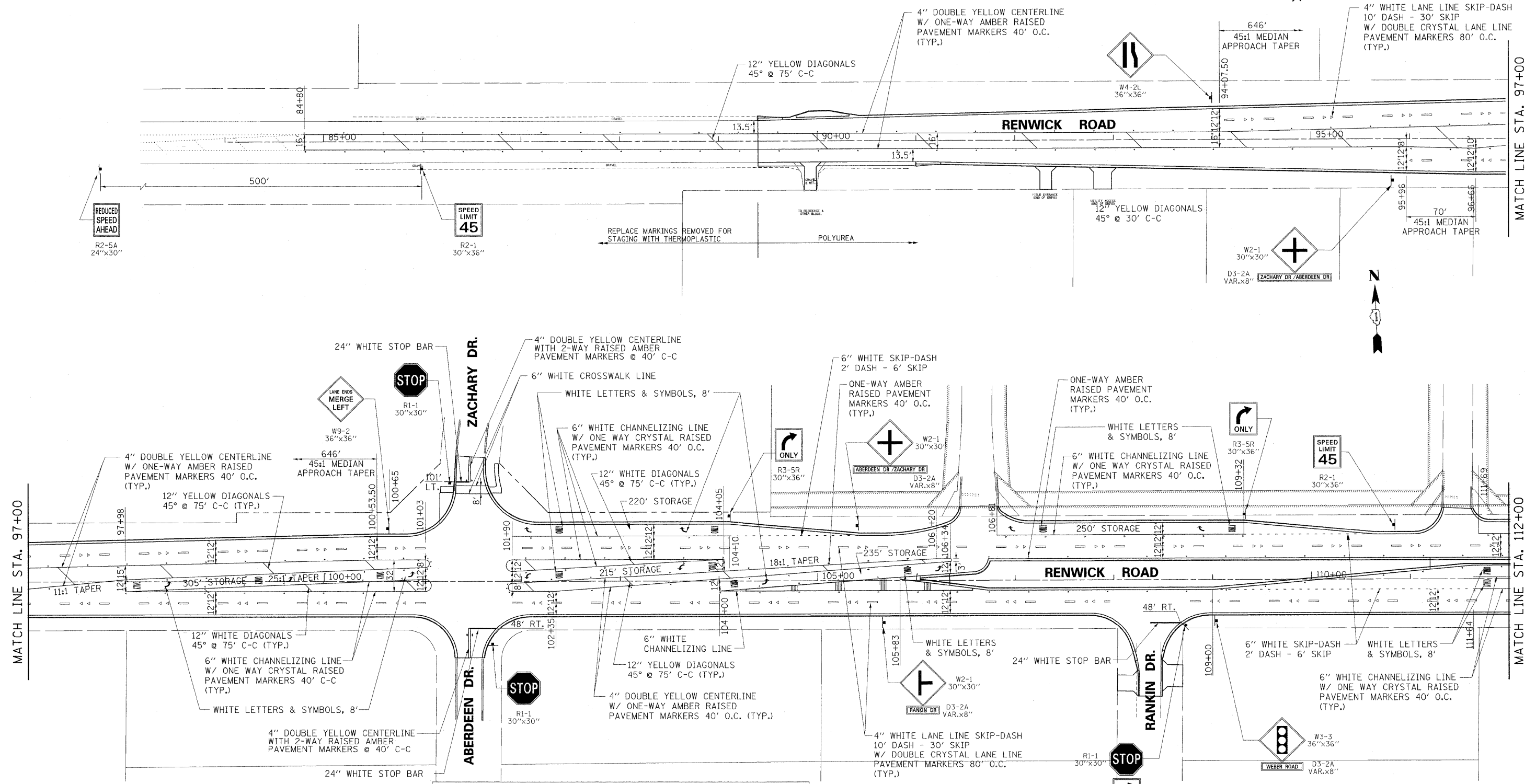
**WEBER ROAD
PAVEMENT MARKING & SIGNING PLAN
STA. 23+00 TO STA. 68+00**

SCALE: 1" = 50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

8/22/2011
 P:\19766\cadd\pavmark.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	87
STA. 84+00		TO STA. 112+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



NOTES:

ALL PAVEMENT MARKINGS ON PCC ARE POLYUREA TYPE I.

ALL PAVEMENT MARKINGS ON HOT MIX ASPHALT ARE THERMOPLASTIC.

REFER TO DISTRICT STANDARD TC-11 AND IDOT STANDARD 781001 FOR RAISED REFLECTIVE PAVEMENT MARKER DETAILS.

RAISED REFLECTIVE PAVEMENT MARKERS ADJACENT TO WHITE SKIP DASH AND CENTERLINES SHALL BE OFFSET 4 INCHES TOWARD TRAFFIC.

SIGN LOCATIONS AND ORIENTATIONS WILL BE DETERMINED BY THE ENGINEER.

REFER TO DISTRICT STANDARD TC-13 FOR PAVEMENT MARKING DETAILS.

- LEGEND**
- ◀ ONE WAY CRYSTAL RAISED PAVEMENT MARKER
 - ONE WAY AMBER RAISED PAVEMENT MARKER
 - TWO WAY AMBER RAISED PAVEMENT MARKER
 - ◀ PROPOSED SIGN
 - ◀ PROPOSED TRAFFIC SIGNAL MAST ARM
 - ◀ PROPOSED TRAFFIC SIGNAL POLE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

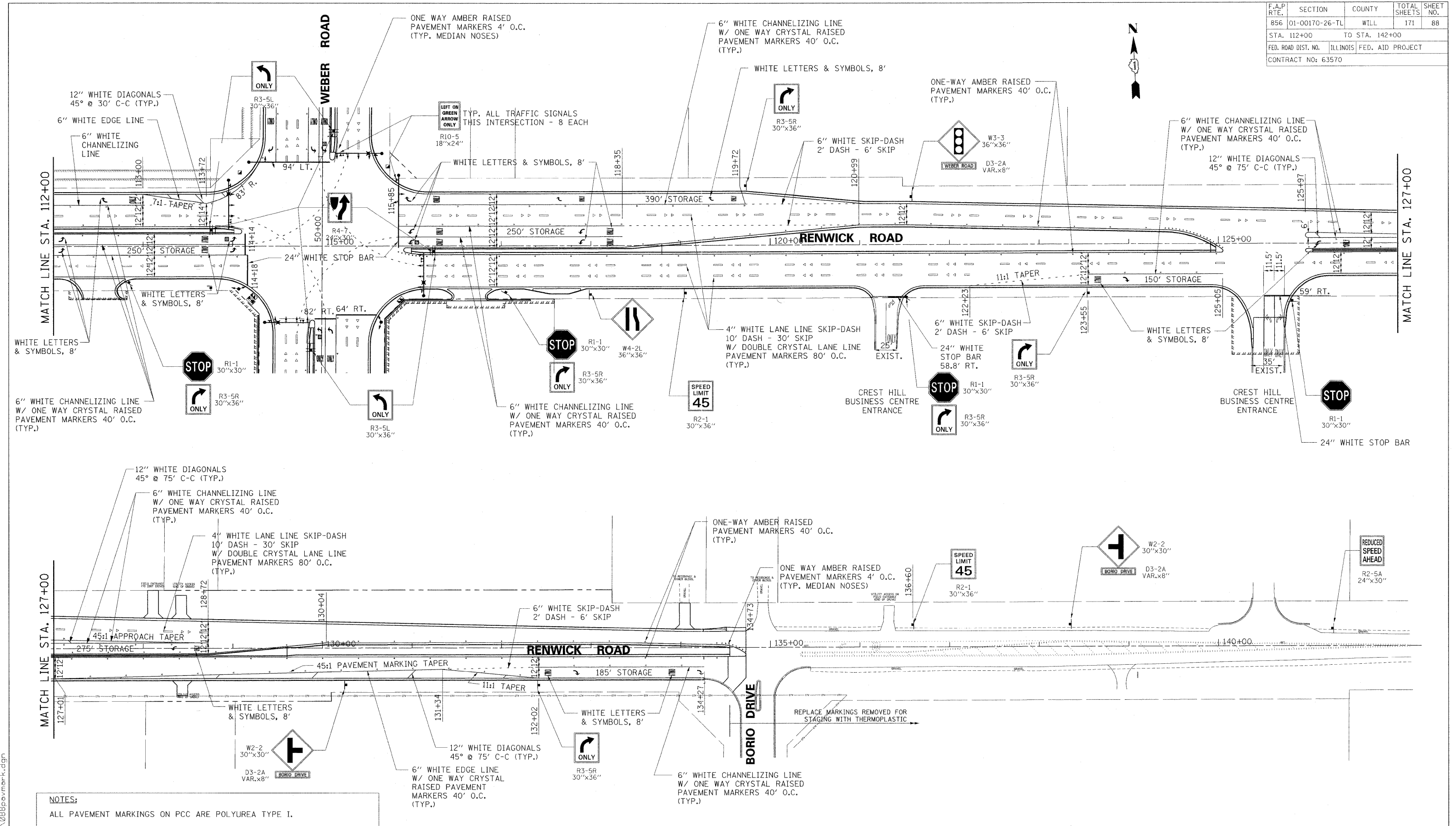
RENWICK ROAD
PAVEMENT MARKING & SIGNING PLAN
STA. 84+00 TO STA. 112+00

SCALE: 1" = 50'
DATE: APRIL, 2011

DRAWN BY: CJO
CHECKED BY: MFB

8/22/2011 P:\79766\cadd\dr\wtngs\087pavmark.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	88
STA. 112+00		TO STA. 142+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



NOTES:

ALL PAVEMENT MARKINGS ON PCC ARE POLYUREA TYPE I.

ALL PAVEMENT MARKINGS ON HOT MIX ASPHALT ARE THERMOPLASTIC.

REFER TO DISTRICT STANDARD TC-11 AND IDOT STANDARD 781001 FOR RAISED REFLECTIVE PAVEMENT MARKER DETAILS.

RAISED REFLECTIVE PAVEMENT MARKERS ADJACENT TO WHITE SKIP DASH AND CENTERLINES SHALL BE OFFSET 4 INCHES TOWARD TRAFFIC.

SIGN LOCATIONS AND ORIENTATIONS WILL BE DETERMINED BY THE ENGINEER.

REFER TO DISTRICT STANDARD TC-13 FOR PAVEMENT MARKING DETAILS.

- LEGEND**
- ONE WAY CRYSTAL RAISED PAVEMENT MARKER
 - ONE WAY AMBER RAISED PAVEMENT MARKER
 - TWO WAY AMBER RAISED PAVEMENT MARKER
 - PROPOSED SIGN
 - PROPOSED TRAFFIC SIGNAL MAST ARM
 - PROPOSED TRAFFIC SIGNAL POLE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RENWICK ROAD

PAVEMENT MARKING & SIGNING PLAN

STA. 112+00 TO STA. 142+00

SCALE: 1" = 50'

DATE: APRIL, 2011

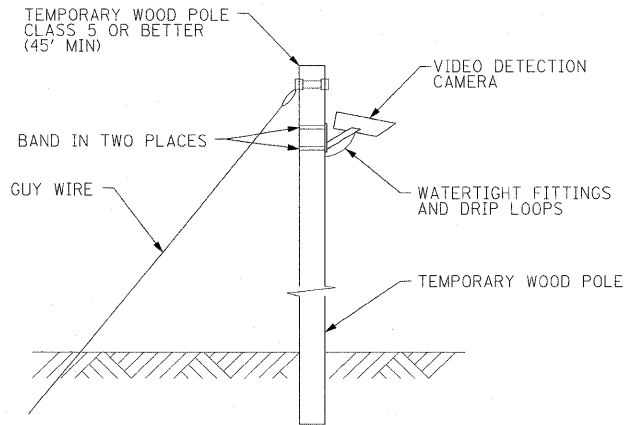
DRAWN BY: CJO

CHECKED BY: MFB

8/22/2011 P:\179766\ceda\dr\awings\088pavemark.dgn

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTION SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED, AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL. TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PER-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.



TEMPORARY VIDEO DETECTION MOUNTING DETAIL (NOT TO SCALE)

CONSTRUCTION NOTES:

1. RELOCATE EXISTING LIGHT DETECTOR AND CONFIRMATION BEACON TO THE NEW MAST ARM
2. RELOCATE EXISTING LIGHT DETECTOR AMPLIFIER TO NEW PERMANENT CONTROL CABINET

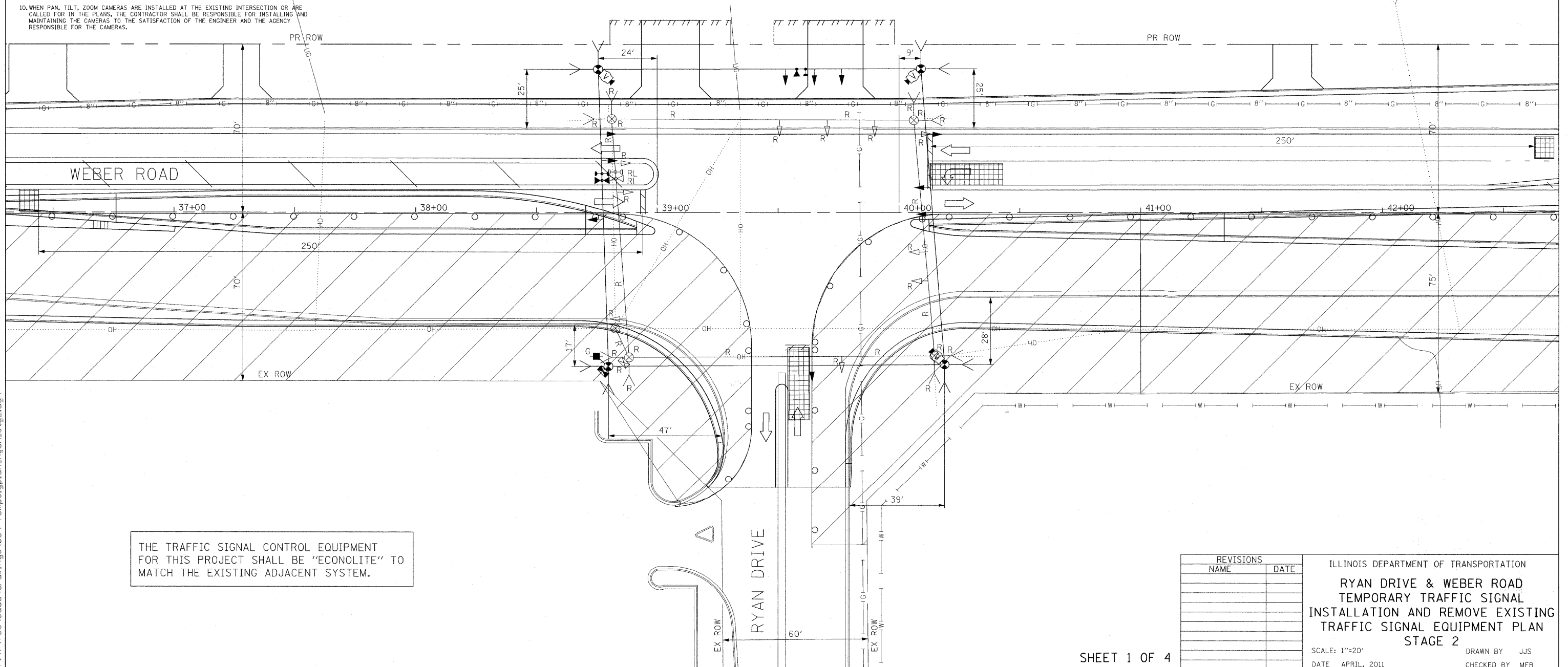
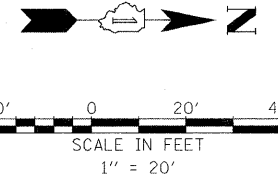
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE DEVELOPER, CRESTLAKE HOLDINGS, INC., AND SHALL BE STOCKPILED BY THE CONTRACTOR. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK-UP OR DELIVERY OF ALL DEVELOPER OWNED TRAFFIC SIGNAL EQUIPMENT.

- 1.0 EACH CONTROLLER AND CABINET (COMPLETE)
- 8.0 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 2.0 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 1.0 EACH ELECTRICAL SERVICE

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 550 FEET AERIAL CABLE
- 4.0 EACH TEMPORARY WOOD POLE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B56	01-00170-26-TL	WILL	171	89
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



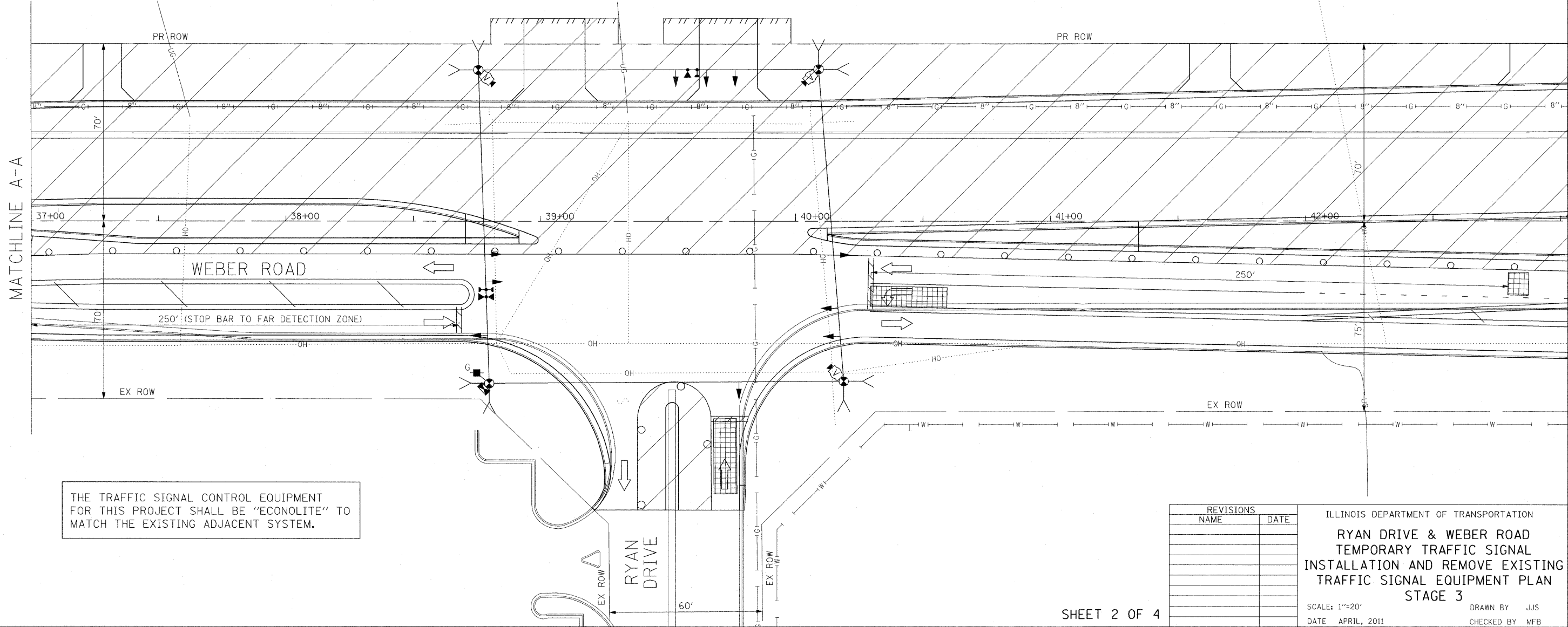
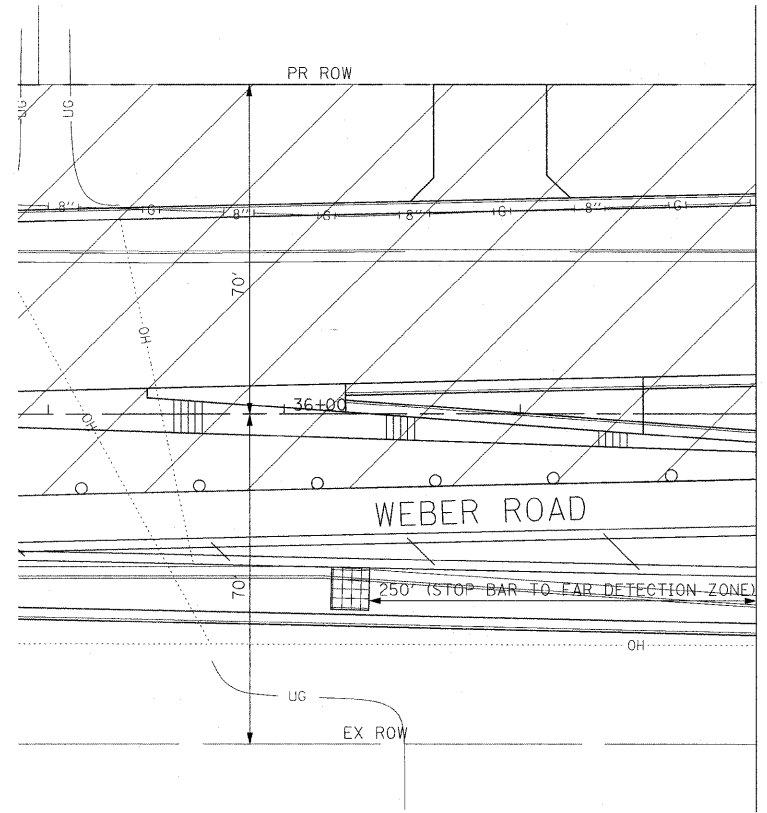
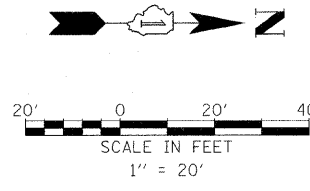
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RYAN DRIVE & WEBER ROAD
 TEMPORARY TRAFFIC SIGNAL
 INSTALLATION AND REMOVE EXISTING
 TRAFFIC SIGNAL EQUIPMENT PLAN
 STAGE 2
 SCALE: 1"=20'
 DATE: APRIL, 2011
 DRAWN BY: JJS
 CHECKED BY: MFB

10/20/2011 P:\79766\cadd\drawings\089-Temps\gpl\en_Ryan_stg2.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	90
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



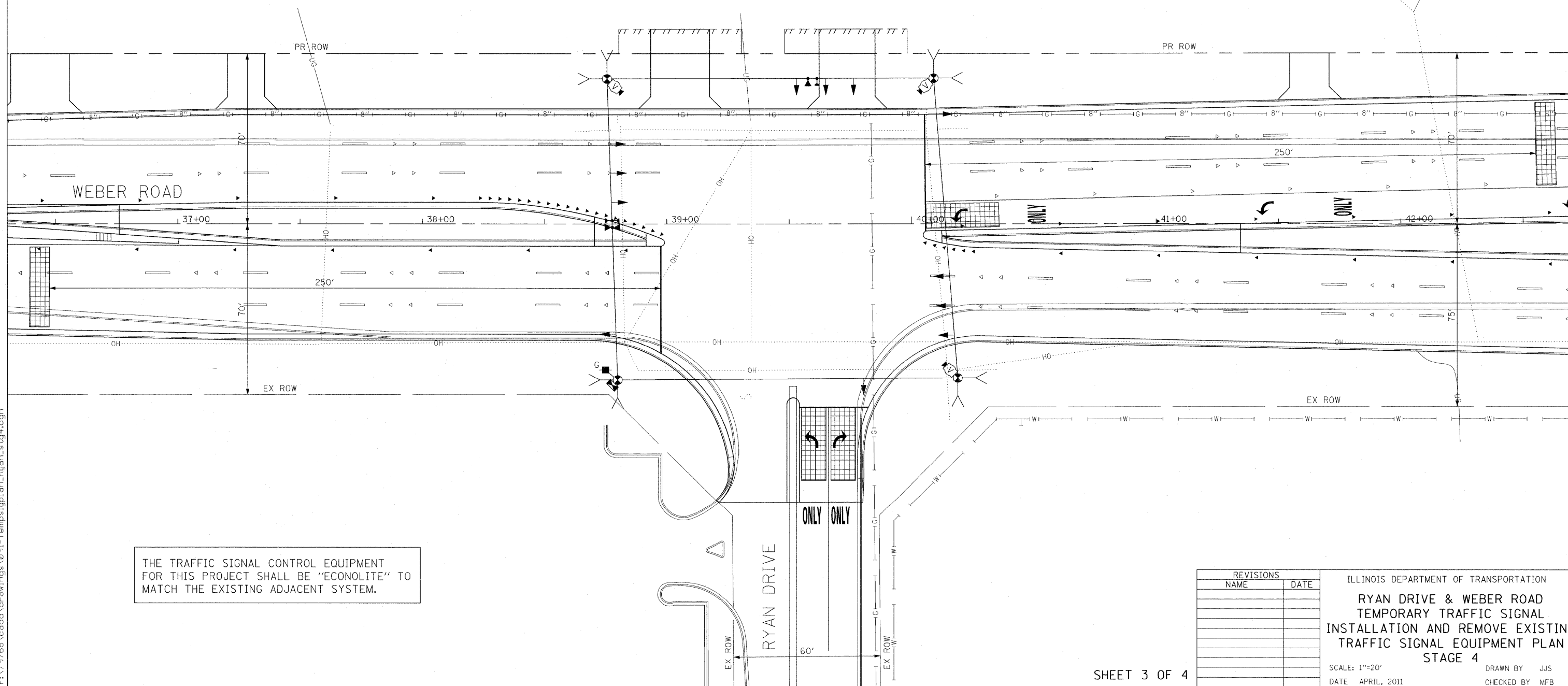
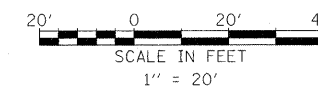
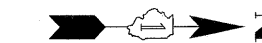
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RYAN DRIVE & WEBER ROAD
 TEMPORARY TRAFFIC SIGNAL
 INSTALLATION AND REMOVE EXISTING
 TRAFFIC SIGNAL EQUIPMENT PLAN
 STAGE 3
 SCALE: 1"=20'
 DATE: APRIL, 2011
 DRAWN BY: JJS
 CHECKED BY: MFB

10/20/2011 P:\79766\cadd\drawings\090-Tempstgplan_Ryan_stg3.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	91
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



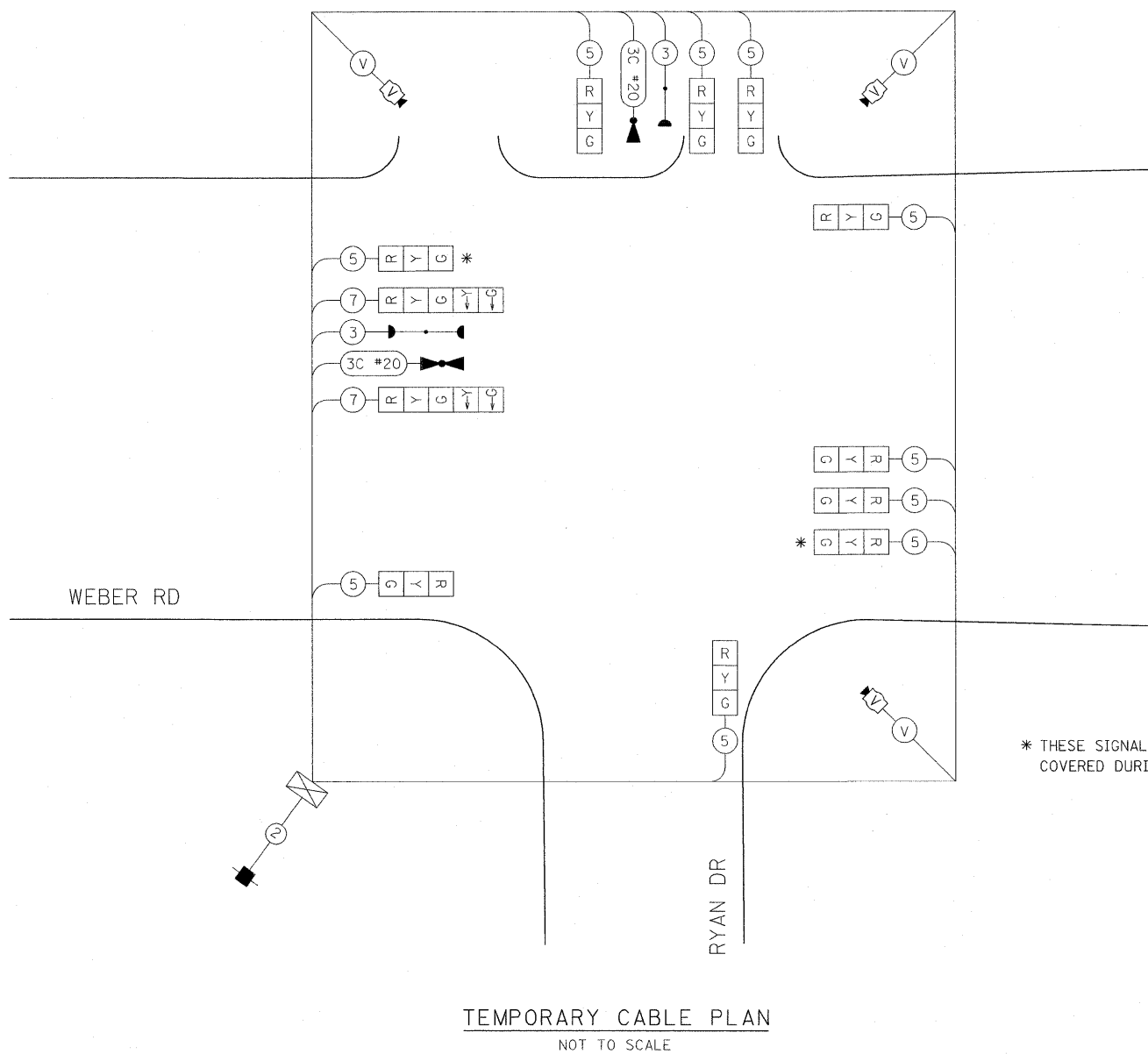
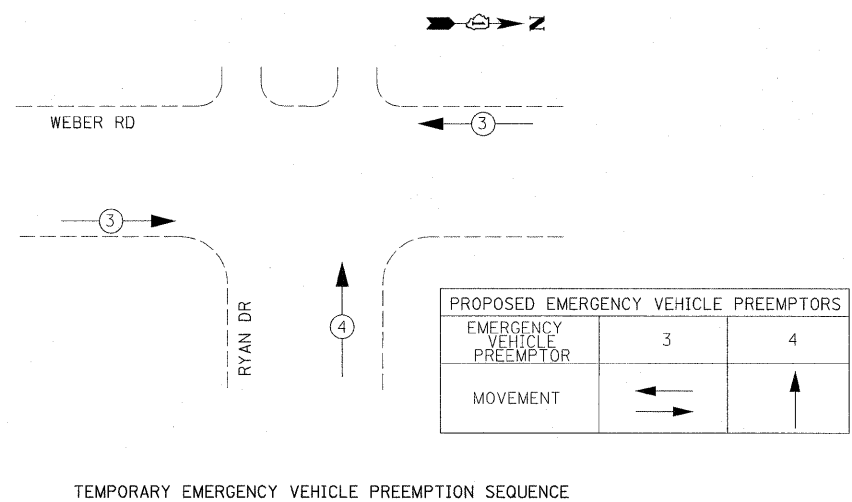
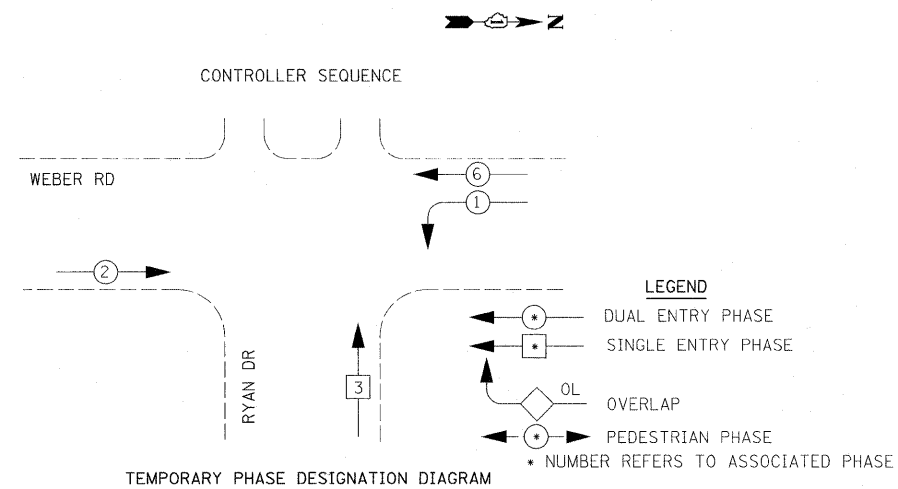
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RYAN DRIVE & WEBER ROAD
 TEMPORARY TRAFFIC SIGNAL
 INSTALLATION AND REMOVE EXISTING
 TRAFFIC SIGNAL EQUIPMENT PLAN
 STAGE 4

SCALE: 1"=20'
 DATE: APRIL, 2011
 DRAWN BY: JJS
 CHECKED BY: MFB

10/20/2011 P:\79766\cadd\drawings\091-Tempsigplan_Ryan.stg4.dgn



I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12		17	0.50	102.00
(YELLOW)	12		25	0.25	75.00
(GREEN)	12		15	0.25	45.00
ARROW	4		12	0.10	4.80
PED. SIGNAL	0		25	1.00	0.00
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	0		25	0.05	0.00
VIDEO SYSTEM	1	150		1.00	150.00
FLASHER	0			0.50	0.00
TOTAL =					476.80

ENERGY COSTS TO:
CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, ILLINOIS 60403

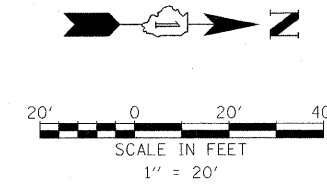
ENERGY SUPPLY CONTACT: JIM GLOVER
PHONE: (815) 724-5054
COMPANY: COMED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RYAN DRIVE & WEBER ROAD
TEMPORARY CABLE PLAN,
TEMPORARY PHASE DESIGNATION
DIAGRAM, & TEMPORARY EMERGENCY
VEHICLE PREEMPTION SEQUENCE

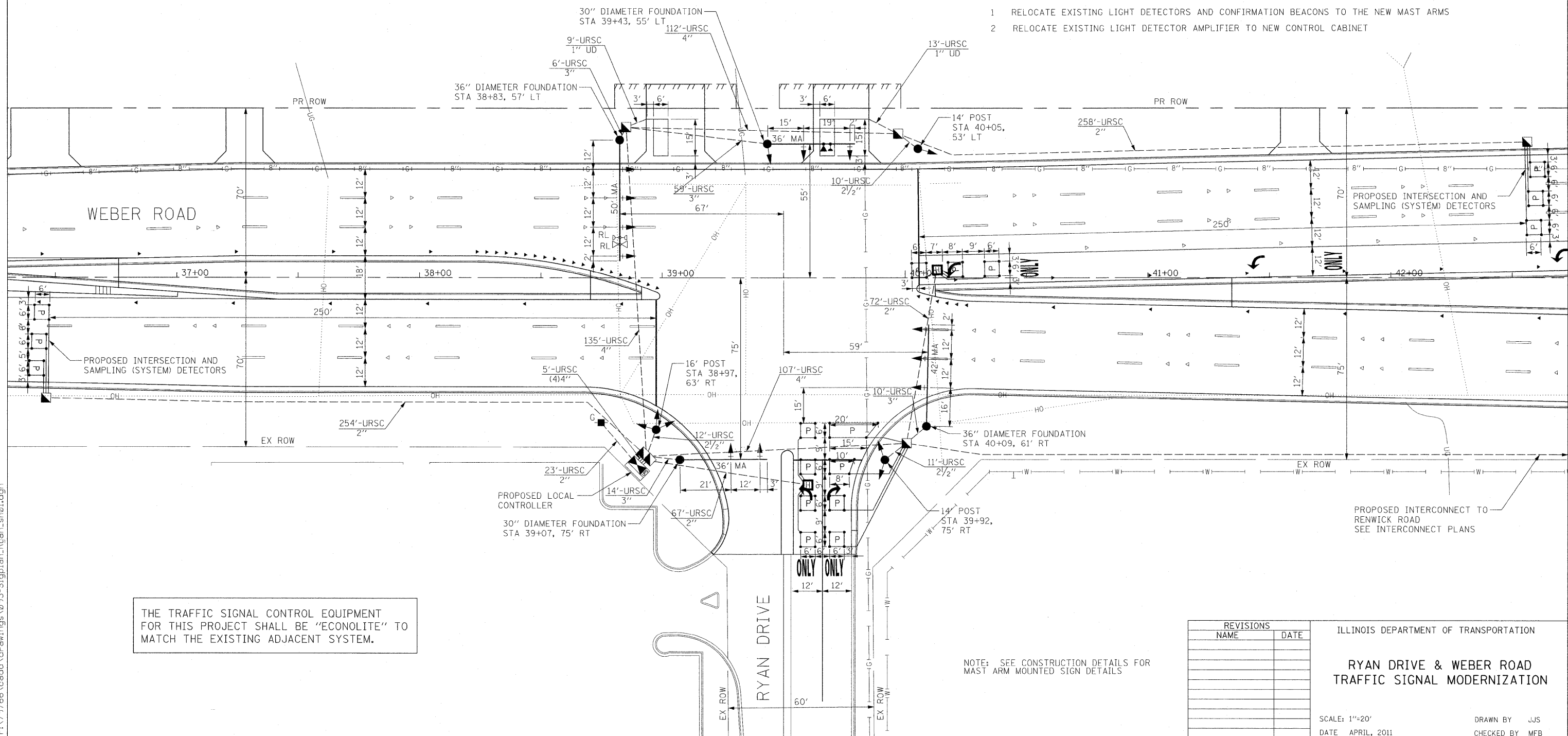
SCALE: 1"=20'
DATE: APRIL, 2011

DRAWN BY: JJS
CHECKED BY: MFB



CONSTRUCTION NOTES:

- 1 RELOCATE EXISTING LIGHT DETECTORS AND CONFIRMATION BEACONS TO THE NEW MAST ARMS
- 2 RELOCATE EXISTING LIGHT DETECTOR AMPLIFIER TO NEW CONTROL CABINET



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

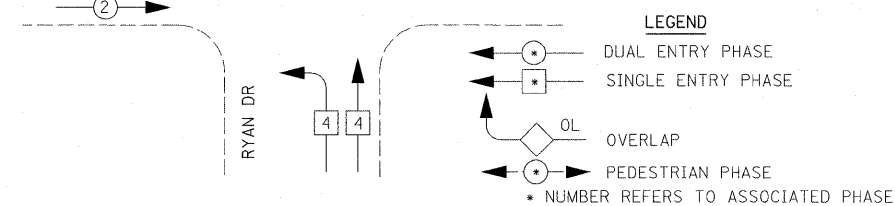
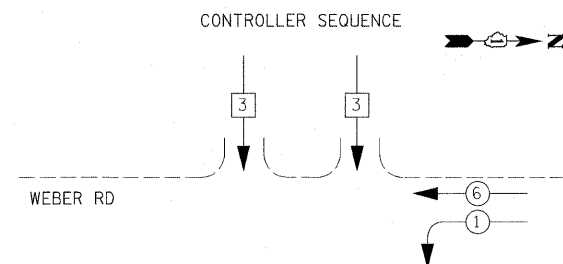
NOTE: SEE CONSTRUCTION DETAILS FOR MAST ARM MOUNTED SIGN DETAILS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RYAN DRIVE & WEBER ROAD
TRAFFIC SIGNAL MODERNIZATION

SCALE: 1"=20'
 DATE: APRIL, 2011

DRAWN BY: JJS
 CHECKED BY: MFB



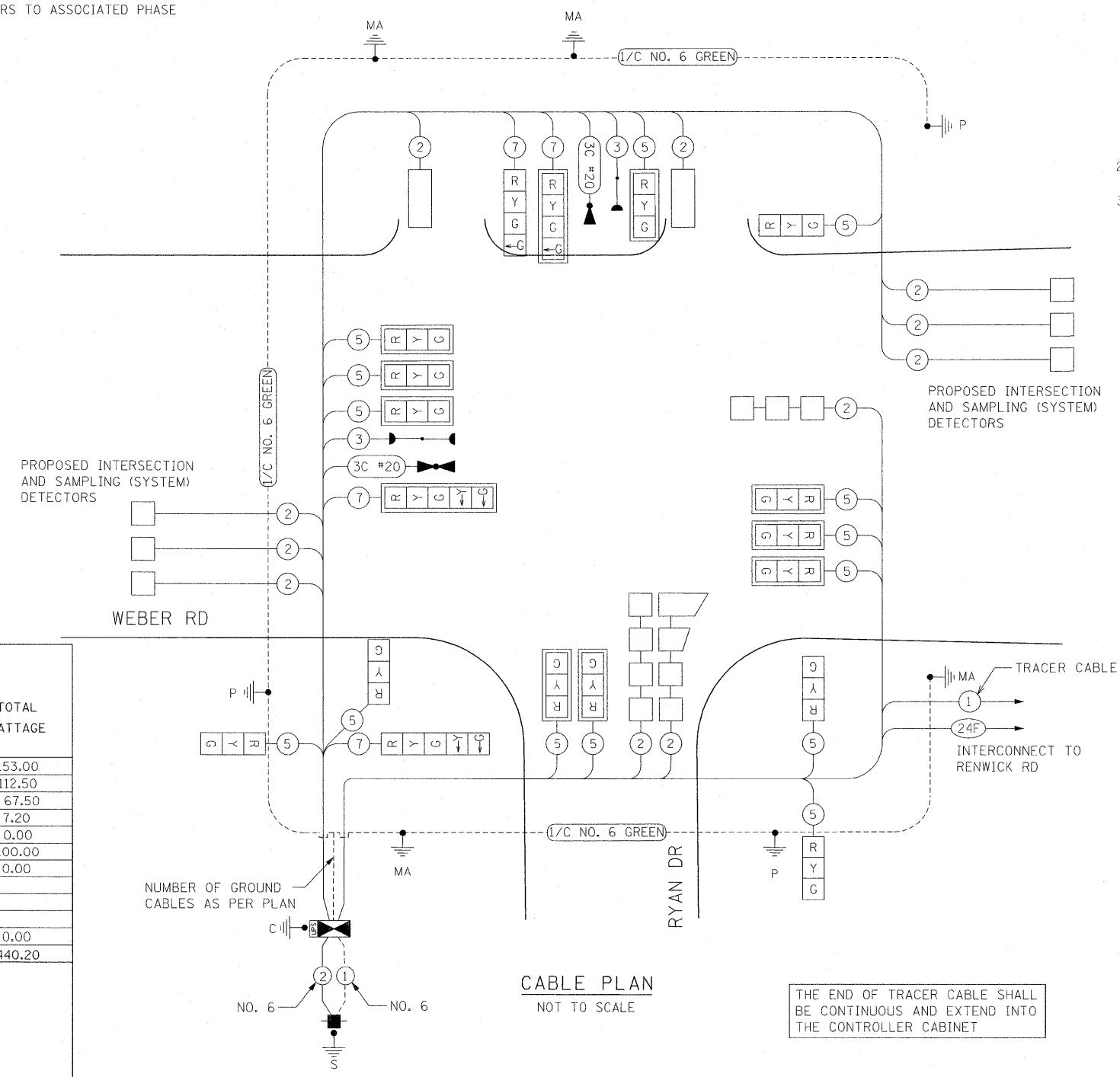
NOTE: EQUIPMENT GROUND CONDUCTOR (GREEN COLOR CODED) SPLICE TO FRAME AND COVER IS REQUIRED FOR ALL HANDHOLES OR DOUBLE HANDHOLES THAT CARRY SIGNAL CABLES AND SERVICE CABLES.

EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑

TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	18	17	0.50	153.00	
(YELLOW)	18	25	0.25	112.50	
(GREEN)	18	15	0.25	67.50	
ARROW	6	12	0.10	7.20	
PED. SIGNAL	0	25	1.00	0.00	
CONTROLLER	1	100	1.00	100.00	
ILLUM. SIGN	0	25	0.05	0.00	
TOTAL =					440.20

ENERGY COSTS TO:
 CITY OF CREST HILL
 1610 PLAINFIELD ROAD
 CREST HILL, ILLINOIS 60403

ENERGY SUPPLY CONTACT: JIM GLOVER
 PHONE: (815) 724-5054
 COMPANY: COMED



QTY	UNIT	ITEM DESCRIPTION
1	EACH	SERVICE INSTALLATION - GROUND MOUNTED
674	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
33	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
30	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
374	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
5	EACH	HANDHOLE
2	EACH	HEAVY-DUTY HANDHOLE
1	EACH	DOUBLE HANDHOLE
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, STANDARD
1	EACH	TRANSCEIVER-FIBER OPTIC
517	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
2460	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
804	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
3383	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
35	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
585	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE 36 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 42 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 50 FT.
12	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
27	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
28	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
9	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION BRACKET MOUNTED
11	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
11	EACH	INDUCTIVE LOOP DETECTOR
101	FOOT	DETECTOR LOOP, TYPE 1
767	FOOT	PREFORMED DETECTOR LOOP
1	EACH	LIGHT DETECTOR
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	FULL-ACTUATED CONTROLLER AND CABINET, TYPE IV, SPECIAL
517	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3C, TWISTED, SHIELDED
1	EACH	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RYAN DRIVE & WEBER ROAD
SCHEDULE OF QUANTITIES,
CABLE PLAN

SCALE: 1"=20'
 DATE: APRIL, 2011

DRAWN BY: JJS
 CHECKED BY: MFB

10/20/2011 P:\79766\cadd\drawings\094-Cable-Ryan.dgn

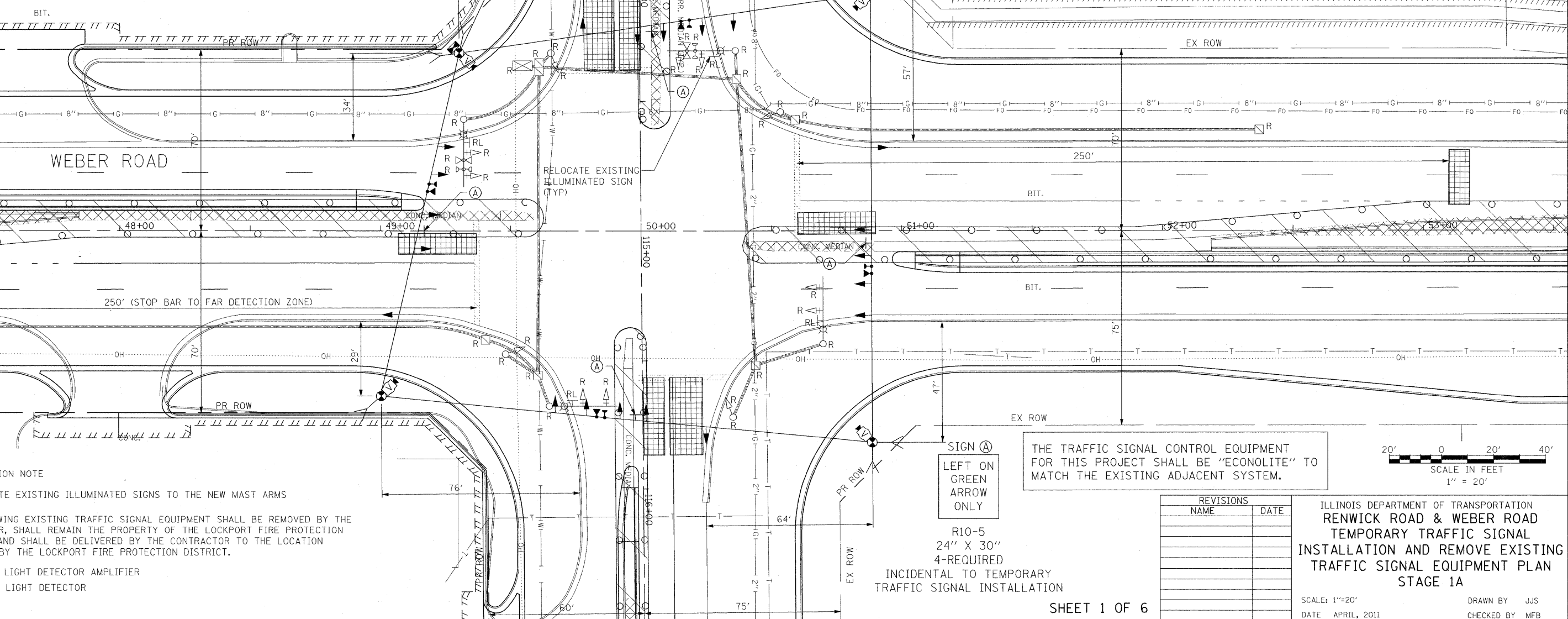
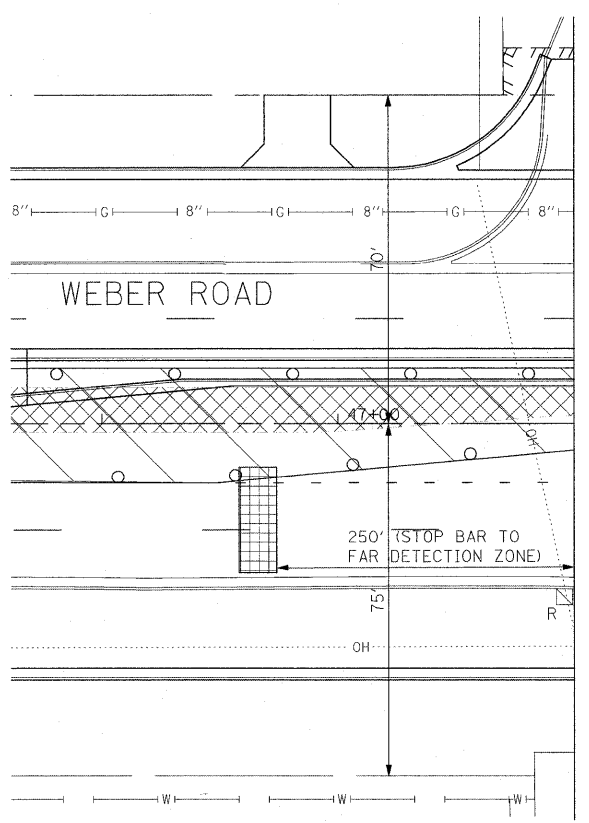
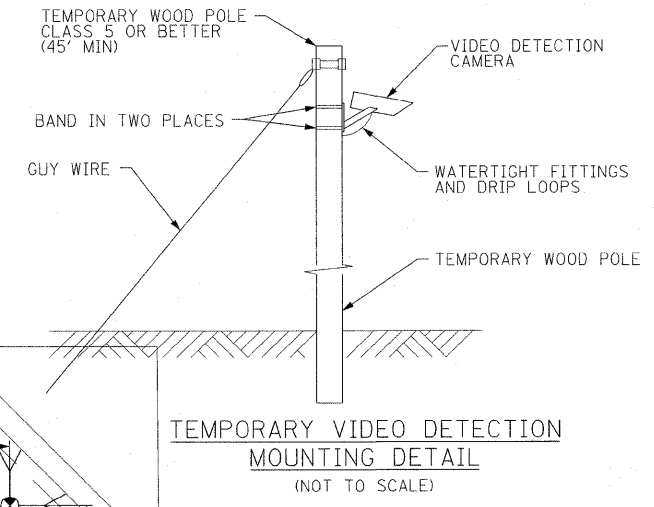
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	95
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF WILL COUNTY AND SHALL BE STOCKPILED BY THE CONTRACTOR. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK-UP OR DELIVERY OF ALL COUNTY OWNED TRAFFIC SIGNAL EQUIPMENT.

- 1.0 EACH CONTROLLER AND CABINET (COMPLETE)
- 4.0 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 8.0 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 4.0 EACH SIGNAL POST
- 4.0 EACH ALUMINUM COMBINATION MAST ARM ASSEMBLY AND POLE
- 1.0 EACH ELECTRICAL SERVICE
- 8.0 EACH BACKPLATES

- NOTES FOR TEMPORARY TRAFFIC SIGNALS
1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR
 2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
 3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTION SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
 4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED, AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
 5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
 6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL AT THE TIME OF THE TURN ON. IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON
 7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL. TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PER-EMPTION, OR WHEN INDICATED ON THE PLANS.
 8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
 9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
 10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.



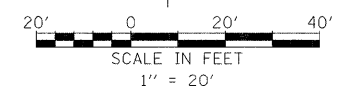
CONSTRUCTION NOTE

1. RELOCATE EXISTING ILLUMINATED SIGNS TO THE NEW MAST ARMS
- THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE LOCKPORT FIRE PROTECTION DISTRICT, AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE LOCATION SPECIFIED BY THE LOCKPORT FIRE PROTECTION DISTRICT.
- 1.0 EACH LIGHT DETECTOR AMPLIFIER
 - 2.0 EACH LIGHT DETECTOR

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

SIGN A
LEFT ON GREEN
ARROW
ONLY

R10-5
24" X 30"
4-REQUIRED
INCIDENTAL TO TEMPORARY
TRAFFIC SIGNAL INSTALLATION



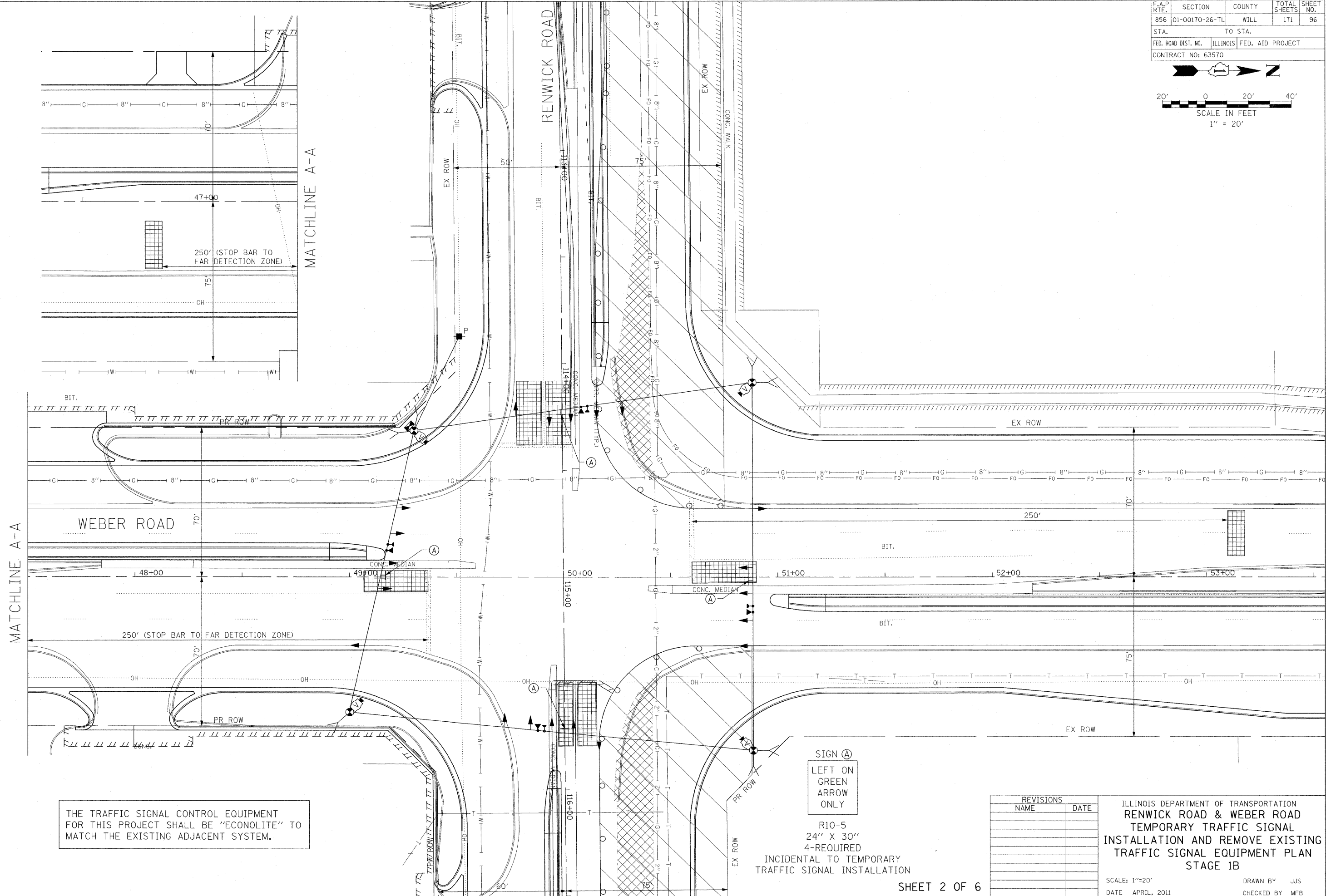
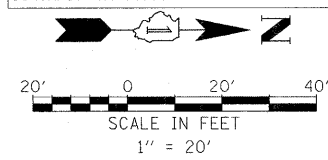
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RENWICK ROAD & WEBER ROAD
TEMPORARY TRAFFIC SIGNAL
INSTALLATION AND REMOVE EXISTING
TRAFFIC SIGNAL EQUIPMENT PLAN
STAGE 1A

SCALE: 1"=20'
DATE: APRIL, 2011
DRAWN BY: JJS
CHECKED BY: MFB

10/20/2011 P:\79766\cadd\ch\drawings\095-Temps\gplan_Renwick_stg1A.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	96
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

SIGN (A)
LEFT ON GREEN
ARROW ONLY

R10-5
24" X 30"
4-REQUIRED
INCIDENTAL TO TEMPORARY
TRAFFIC SIGNAL INSTALLATION

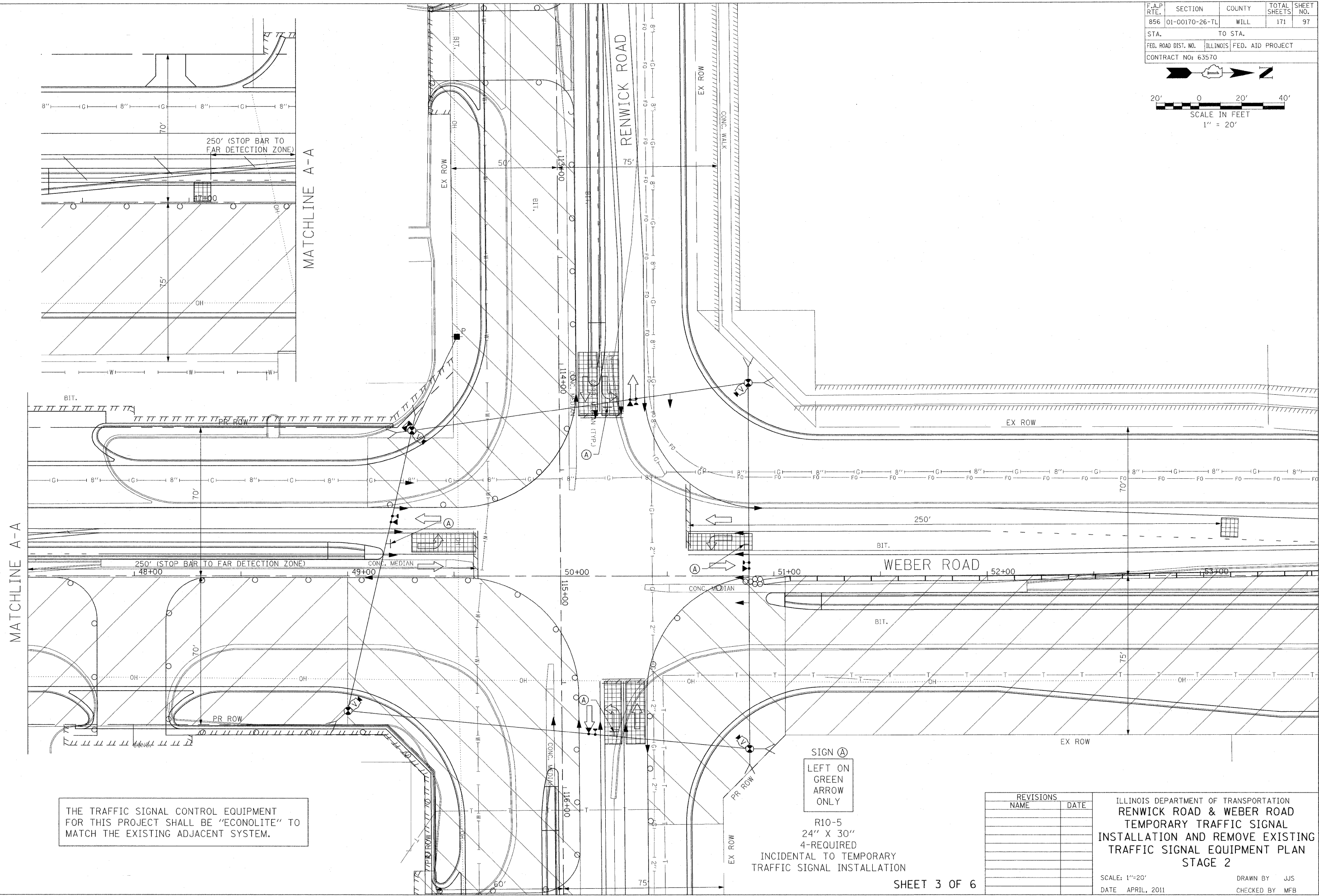
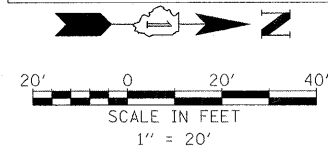
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RENWICK ROAD & WEBER ROAD
TEMPORARY TRAFFIC SIGNAL
INSTALLATION AND REMOVE EXISTING
TRAFFIC SIGNAL EQUIPMENT PLAN
STAGE 1B

SCALE: 1"=20'
DATE: APRIL, 2011
DRAWN BY: JJS
CHECKED BY: MFB

10/20/2011 P:\79766\cadd\drawings\096-TempSignal_Renwick_stg1B.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	97
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63570				



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

SIGN (A)
LEFT ON GREEN
ARROW
ONLY

R10-5
24" X 30"
4-REQUIRED
INCIDENTAL TO TEMPORARY
TRAFFIC SIGNAL INSTALLATION

REVISIONS	
NAME	DATE

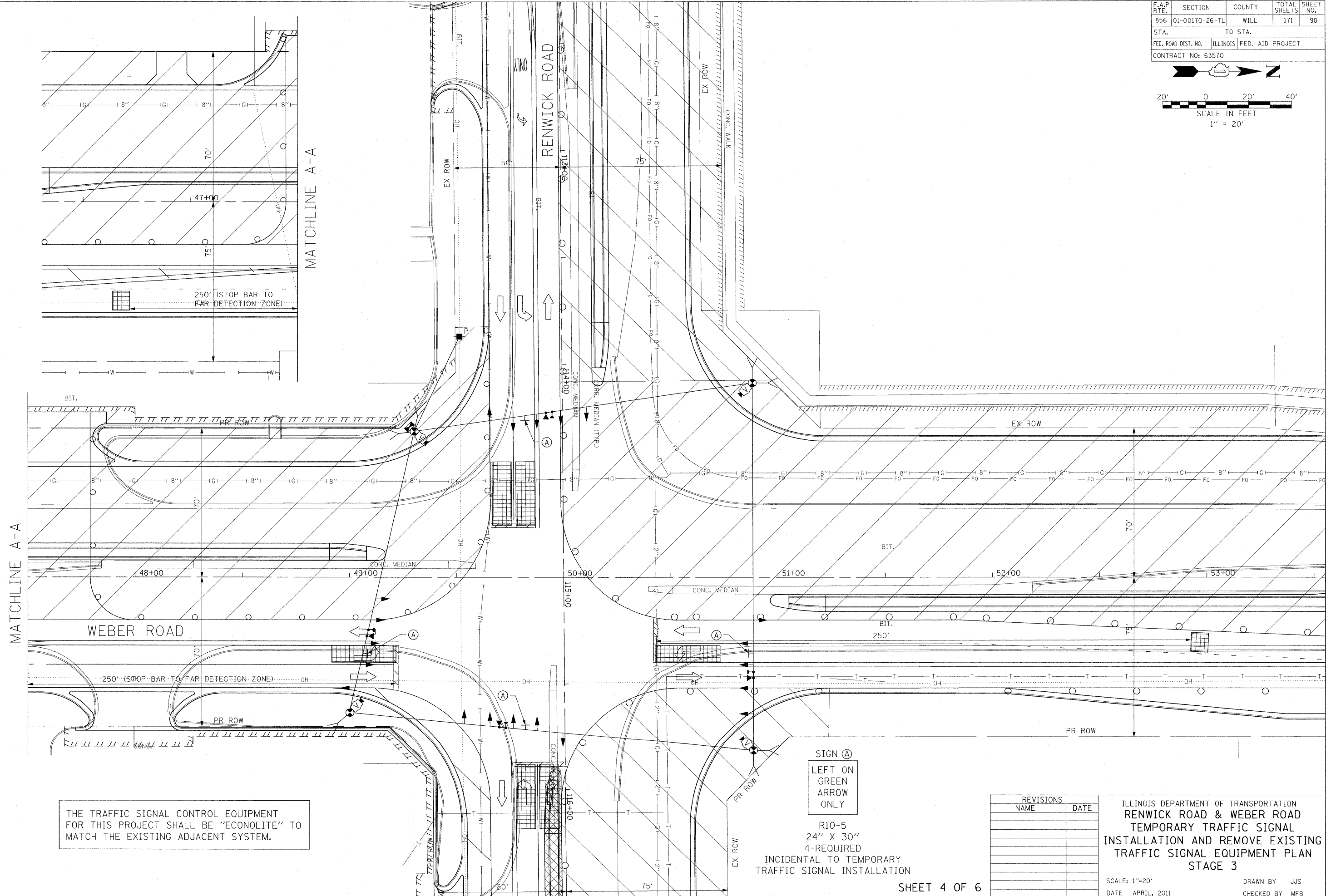
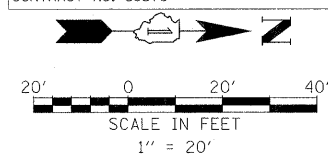
ILLINOIS DEPARTMENT OF TRANSPORTATION
RENWICK ROAD & WEBER ROAD
TEMPORARY TRAFFIC SIGNAL
INSTALLATION AND REMOVE EXISTING
TRAFFIC SIGNAL EQUIPMENT PLAN
STAGE 2

SCALE: 1"=20'
DATE APRIL, 2011

DRAWN BY JJS
CHECKED BY MFB

10/20/2011 P:\79766\cadd\drawings\097-TempSignal\Renwick_stg2.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	98
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

SIGN A
LEFT ON GREEN
ARROW
ONLY

R10-5
24" X 30"
4-REQUIRED
INCIDENTAL TO TEMPORARY
TRAFFIC SIGNAL INSTALLATION

REVISIONS	
NAME	DATE

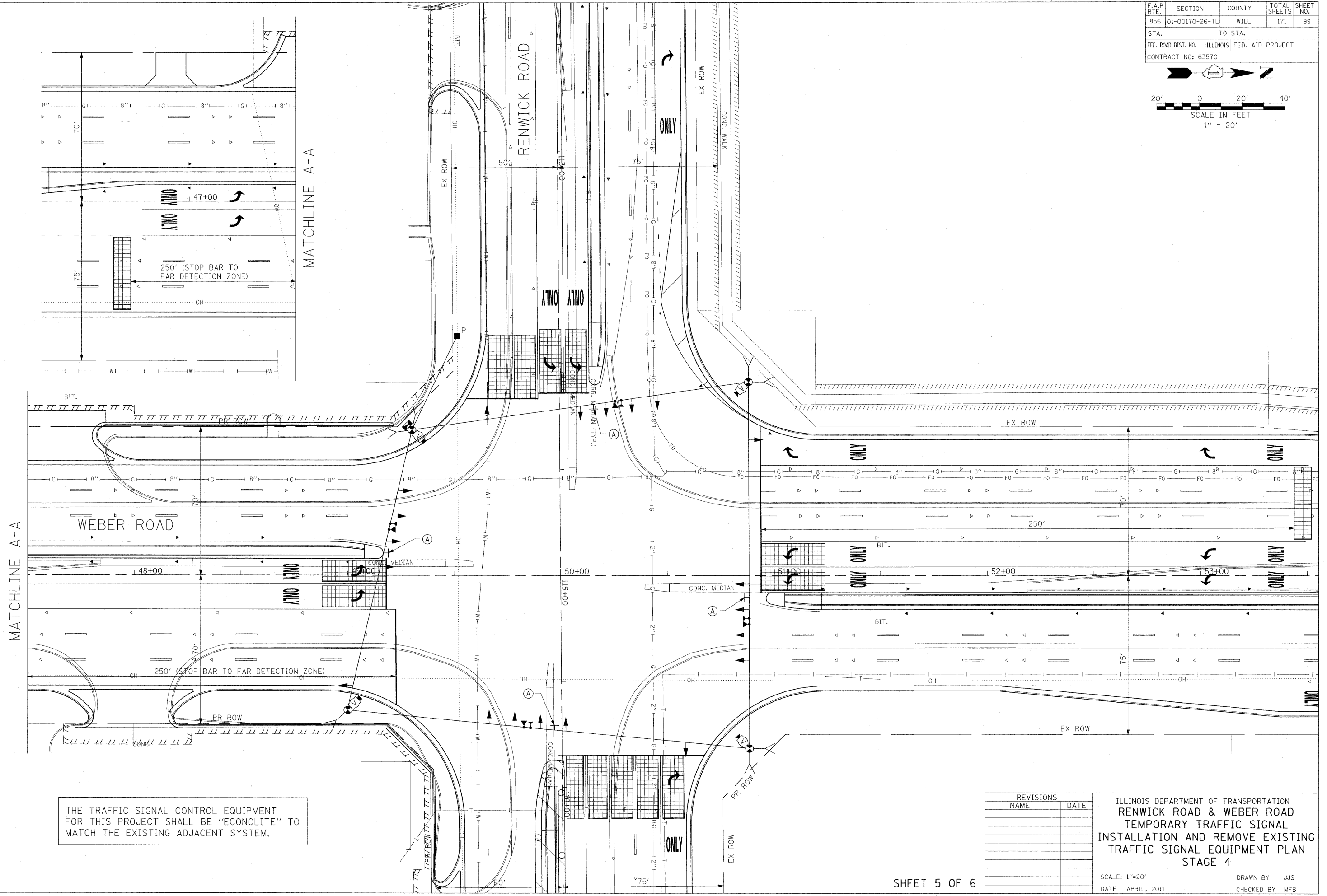
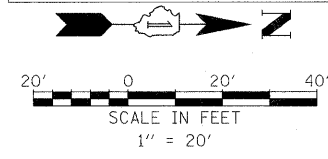
ILLINOIS DEPARTMENT OF TRANSPORTATION
RENWICK ROAD & WEBER ROAD
TEMPORARY TRAFFIC SIGNAL
INSTALLATION AND REMOVE EXISTING
TRAFFIC SIGNAL EQUIPMENT PLAN
STAGE 3

SCALE: 1"=20'
DATE APRIL, 2011

DRAWN BY JJS
CHECKED BY MFB

10/20/2011 P:\79766\cadd\drawings\098-TempSignalPlan_Renwick.stg3.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	01-00170-26-TL	WILL	171	99
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63570				



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

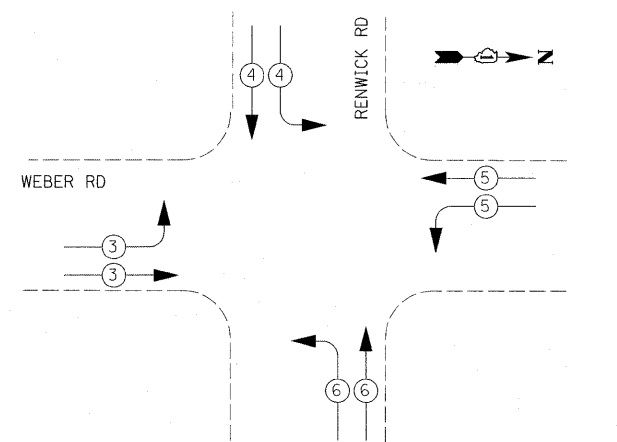
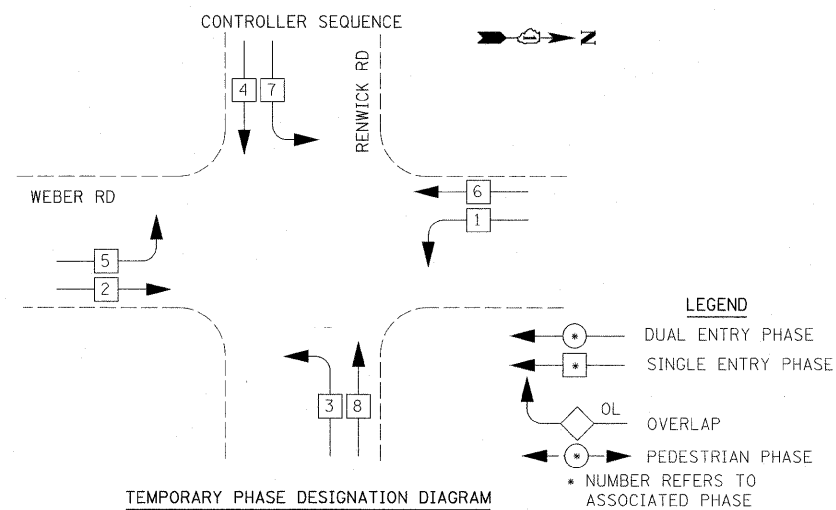
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RENWICK ROAD & WEBER ROAD
 TEMPORARY TRAFFIC SIGNAL
 INSTALLATION AND REMOVE EXISTING
 TRAFFIC SIGNAL EQUIPMENT PLAN
 STAGE 4

SCALE: 1"=20'
 DATE: APRIL, 2011

DRAWN BY: JJS
 CHECKED BY: MFB

10/20/2011 P:\79766\cadd\drawings\099-Temps\plan_Renwick_stg4.dgn



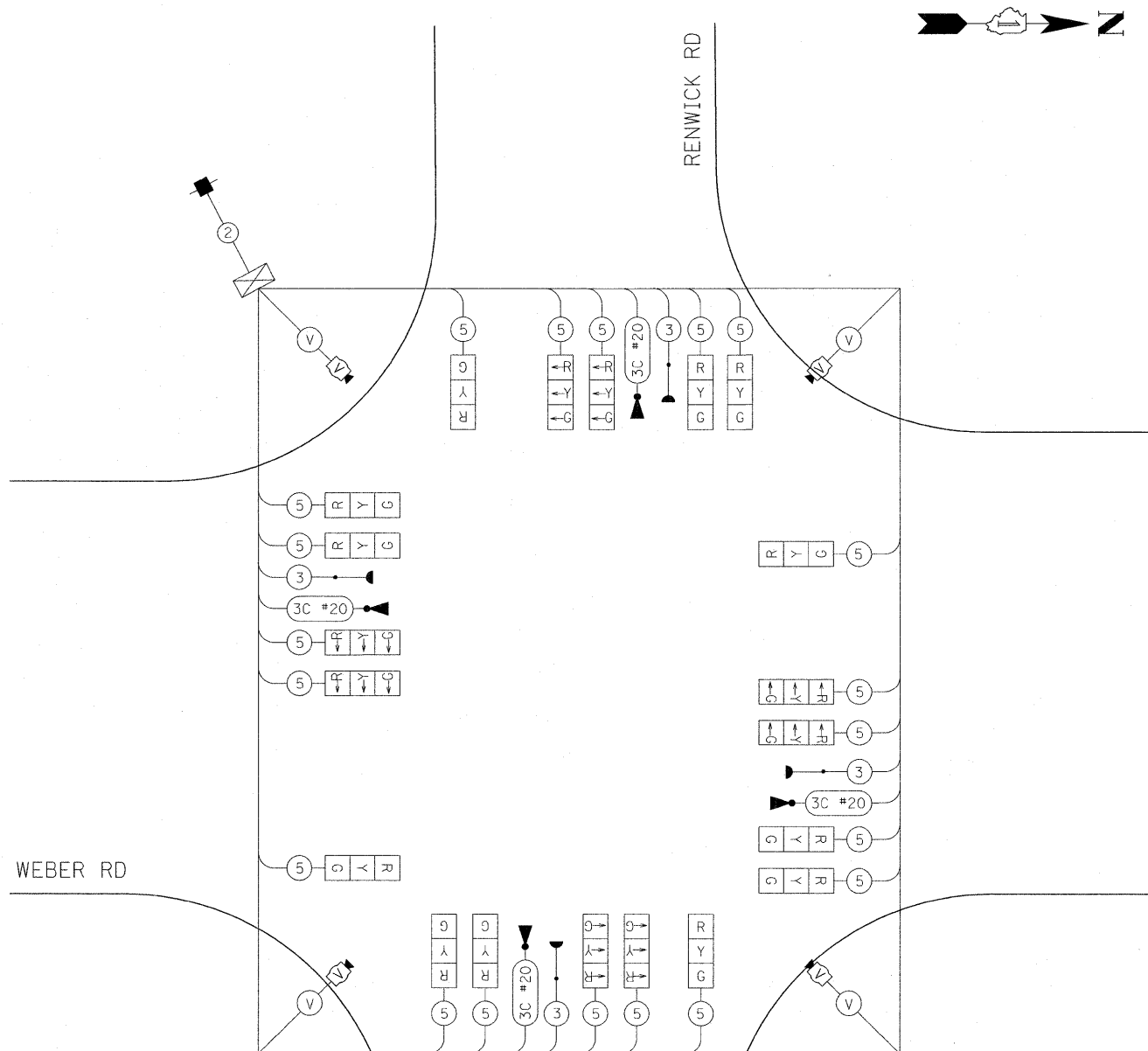
PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	12	INCAND.	17	0.50	102.00
(YELLOW)	12		25	0.25	75.00
(GREEN)	12		15	0.25	45.00
ARROW	24		12	0.10	28.80
PED. SIGNAL	0		25	1.00	0.00
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	0		25	0.05	0.00
VIDEO SYSTEM	1	150		1.00	150.00
FLASHER	0			0.50	0.00
TOTAL =					500.80

ENERGY COSTS TO:
CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, ILLINOIS 60403

ENERGY SUPPLY CONTACT: JIM GLOVER
PHONE: (815) 724-5054
COMPANY: COMED



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**RENWICK ROAD & WEBER ROAD
TEMPORARY CABLE PLAN, TEMPORARY
PHASE DESIGNATION DIAGRAM, &
TEMPORARY EMERGENCY VEHICLE
PREEMPTION SEQUENCE**

SCALE: 1"=20'
DATE: APRIL, 2011
DRAWN BY: JJS
CHECKED BY: MFB

10/20/2011 P:\75766\cadd\drawings\100-Tempcab\ie_Renwick.dgn