

08-03-2018 LETTING ITEM 002

VOLUME 1

FOR INDEX OF SHEETS, SEE SHEET 2

DESIGN DESIGNATION

F.A.I. ROUTE 80 - 3870 (30) INTERSTATE 111.59 (CRC-20)
U.S. ROUTE 30 - 1980 (30) ARTERIAL 8.88 (PCC-20)

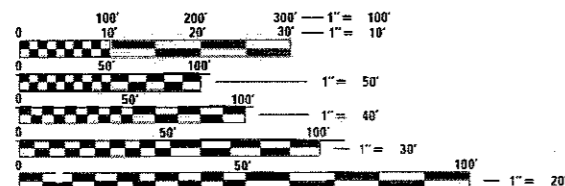
TRAFFIC DATA

ADT (2008)
WESTBOUND EXIT RAMP = 6,900
EASTBOUND EXIT RAMP = 7,500
WESTBOUND ENTRANCE RAMP = 5,300
EASTBOUND ENTRANCE RAMP = 6,500
INTERSTATE 80 = 81,200
U.S. ROUTE 30 = 30,200

ADT (2030):
WESTBOUND EXIT RAMP = 13,000
EASTBOUND EXIT RAMP = 10,000
WESTBOUND ENTRANCE RAMP = 10,000
EASTBOUND ENTRANCE RAMP = 13,000
INTERSTATE 80 = 115,000
U.S. ROUTE 30 = 49,000

DESIGN SPEED (I-80) = 60 MPH
POSTED SPEED (I-80) = 55 MPH
DESIGN SPEED (US 30) = 45 MPH
POSTED SPEED (US 30) = 40 MPH
DESIGN SPEED (WB EXIT RAMP) = 25 MPH
DESIGN SPEED (EB EXIT RAMP) = 50 MPH
DESIGN SPEED (WB ENTRANCE RAMP) = 35 MPH
DESIGN SPEED (EB ENTRANCE RAMP) = 25 MPH

PROJECT LOCATED IN THE VILLAGE OF NEW LENOX



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

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

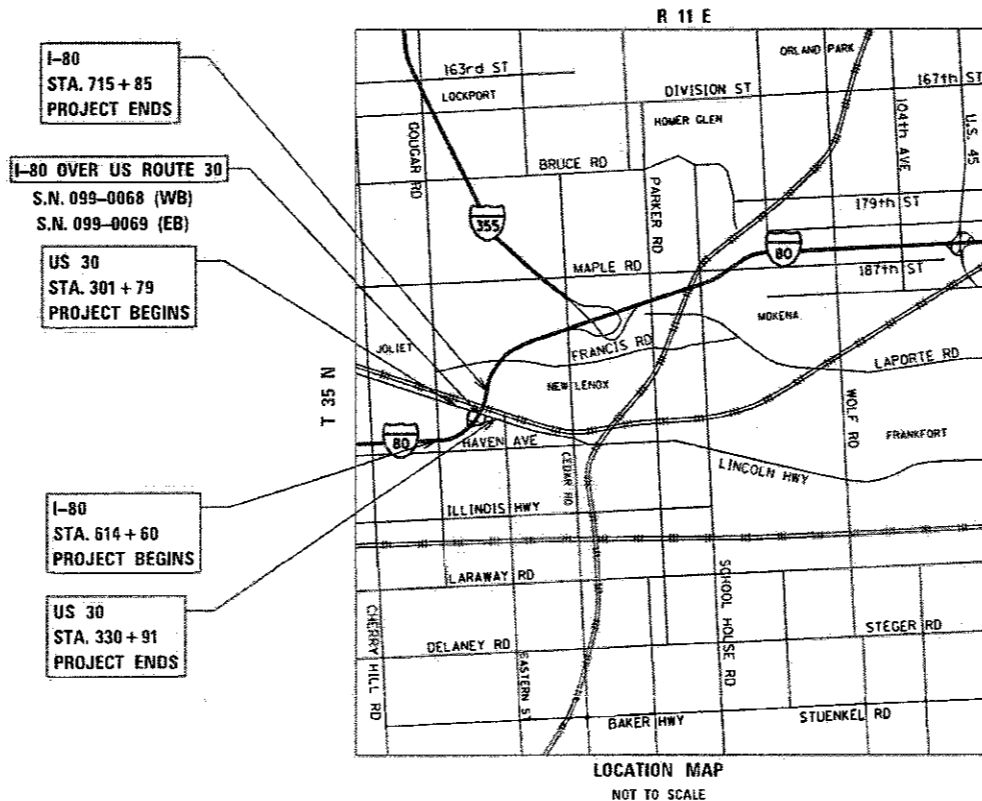
PROJECT ENGINEER: SUNG BYUN
PROJECT MANAGER: KIM HARVEY, (847) 705-4055, DISTRICT 1

CONTRACT NO. 60N87

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 80 (INTERSTATE 80) SECTION 99-4-1VB-1-R PROJECT NHFP-LPYF (801) AT U.S. ROUTE 30 INTERCHANGE RECONSTRUCTION & BRIDGE REPLACEMENT WILL COUNTY C-91-419-11

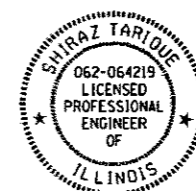


GROSS LENGTH (I-80) = 7,561 FT. = 1.43 MILE
GROSS LENGTH (US 30) = 2,912 FT. = 0.55 MILE
NET LENGTH (I-80) = 7,561 FT. = 1.43 MILE
NET LENGTH (US 30) = 2,912 FT. = 0.55 MILE

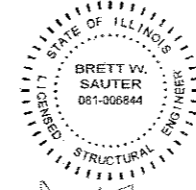
THE PROJECT CONSISTS OF THE WIDENING, REDECKING AND PARTIAL BRIDGE REPLACEMENT OF S.N. 099-0068 AND S.N. 099-0069; RECONSTRUCTION AND ADD LANE OF I-80 FROM STA. 614+60 TO STA. 715+85; RECONSTRUCTION OF THE I-80 AT US 30 INTERCHANGE; RECONSTRUCTION OF US 30 FROM STA. 301+79 TO STA. 330+91



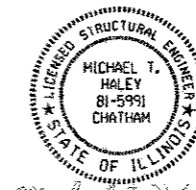
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SEAL EXPIRES: 11/30/2018



DATE: 5/7/2018
SEAL EXPIRES: 11/30/2018



DATE: 5/7/2018
SEAL EXPIRES: 11/30/2018

Ciorba Group, Inc.

DESIGN FIRM
REGISTRATION NUMBER

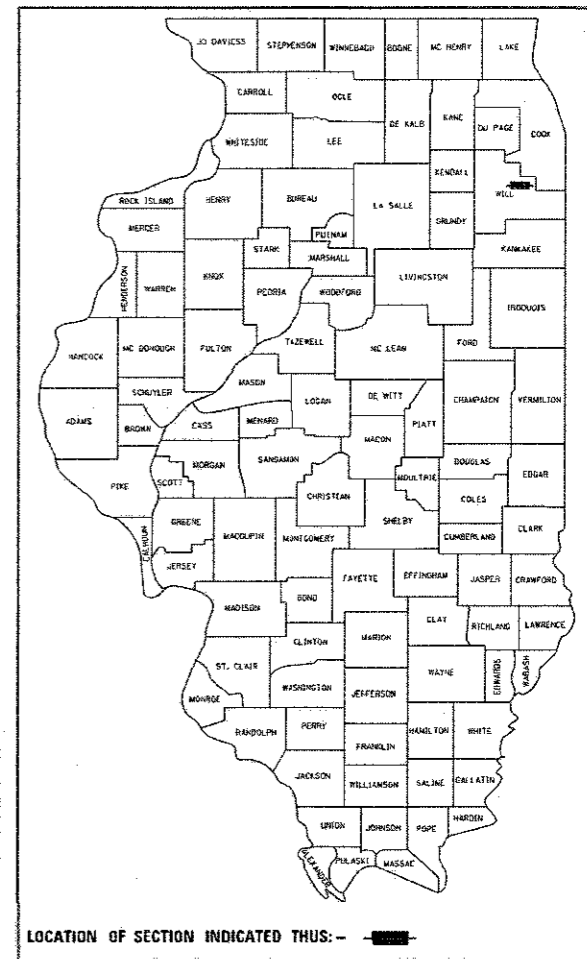
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CONSULTING ENGINEERS
SUITE 402, 5507 NORTH CUMBERLAND AVE
CHICAGO, ILLINOIS 60656 ☎ (773) 775-4009

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	815*	1
ILLINOIS CONTRACT NO. 60N87				

* 815 + 35 = 850 TOTAL SHEETS

D-91-046-10



LOCATION OF SECTION INDICATED THUS: — ■ —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 8 2018
Anthony J. Quinlan REGIONAL ENGINEER
June 29 2018
Paul P. Chafin ENGINEER OF DESIGN AND ENVIRONMENT
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

VOLUME 1

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594 - 600	US ROUTE 30 CULVERT STRUCTURAL PLANS
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ENGINEERING CONSULTANT

Clorba Group, Inc.
 CONSULTING ENGINEERS
 8607 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60631
 Tel. 773.775.4009 Fax 773.775.4014
 Email: chicago@clorba.com

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
INDEX OF SHEETS

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	2
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

VOLUME 3

SHEET NO.	DESCRIPTION
612	COVER SHEET - VOLUME 3
613 - 614	INDEX OF SHEETS
615	STATE STANDARDS
616	BD12 - MANHOLE WITH RESTRICTOR PLATE
617	BD48 - PCC PAVEMENT ROUNDOUTS AT CURB & GUTTER
618	BD49 - DETAIL OF C.L. SAWCUT 4.9 m (16') & VAR. JOINTED PCC PAV'T. FOR RAMPS
619	BD51 - BENCHING CONSTRUCTION DETAIL
620	BD52 - DETAIL OF PAVEMENT SEPERATION, JOINT FOR JOINTED PAVEMENTS AT INTERSECTIONS
621	BM15 - SCHEDULE OF LANDSCAPE ITEMS (BASE SHEET)
622	CS07 - CATCH BASIN AND INLET 4x3 AND 4x5 FOR H LESS THAN OR EQUAL TO 8'0"
623	CS08 - CATCH BASIN AND INLET 4x3 AND 4x5 FOR H GREATER THAN 8'0"
624	CS09 - DRAINAGE STRUCTURES TYPE 8x3 AND 8x5 FOR H LESS THAN OR EQUAL TO 8'0"
625 - 626	CS10 - CATCH BASIN AND INLET 8x3 AND 8x5 FOR H GREATER THAN 8'0" (2 SHEETS)
627	TC08 - ENTRANCE AND EXIST RAMP CLOSURE DETAILS
628	TC09 - FREEWAY SINGLE AND MULTI LANE WEAVE
629	TC10 - TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
630	TC11 - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
631 - 632	TC12 - MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
633	TC13 - TYPICAL PAVEMENT MARKINGS
634	TC14 - TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
635	TC16 - PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
636	TC17 - TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
637	TC18 - SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
638	TC22 - ARTERIAL ROAD INFORMATION SIGN
639	TC23 - TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKINGS TREATMENT FOR RAILROAD CROSSINGS
639A	TC24 - TYPICAL PAVEMENT MARKINGS
639B	TC25 - TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE SHOULDER LANE
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641	TC27 - MILE POST MARKERS - GORE SIGNS, MAJOR GUIDE SIGN LAYOUT - ARROWS
642	TS06 - RAILROAD CANTILEVER SIGNAL HEAD MOUNTING DETAIL
643 - 670	CROSS SECTIONS - I-80 (PRE-STAGE)
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802 - 837	CROSS SECTIONS - US ROUTE 30
838 - 840	CROSS SECTIONS - OLD HICKORY ROAD

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ENGINEERING CONSULTANT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
INDEX OF SHEETS

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	3
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LIST OF STATE STANDARDS

STD NO	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
420101-06	24' (7.2 M) JOINTED PCC PAVEMENT
420106-06	36' (10.8 M) JOINTED PCC PAVEMENT
420111-04	PCC PAVEMENT ROUNDOUTS
420206-12	ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420306-10	EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420501-07	PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RAILROAD GRADE CROSSING
421001-03	BAR REINFORCEMENT FOR CRC PAVEMENT
421101-10	24' (7.2 M) CRC PAVEMENT (WITH WIDE FLANGE BEAM TERMINAL JOINT)
421106-10	36' (10.8 M) CRC PAVEMENT (WITH WIDE FLANGE BEAM TERMINAL JOINT)
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
483001-05	PCC SHOULDER
515001-03	NAME PLATE FOR BRIDGES
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIAMETER
542206-04	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 42" (1050 MM) THRU 60" (1500 MM) DIAMETER SKEWED WITH ROADWAY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-07	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION
542501-02	INLET BOX TYPE 24 (600) A
542546-01	FLUSH INLET BOX FOR MEDIAN
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
602001-02	CATCH BASIN, TYPE A
602401-04	PRECAST MANHOLE, TYPE A, 4' (1.22 M) DIAMETER
602406-08	PRECAST MANHOLE, TYPE A, 6' (1.83 M) DIAMETER
602411-06	PRECAST MANHOLE, TYPE A, 7' (2.13 M) DIAMETER
602416-06	PRECAST MANHOLE, TYPE A, 8' (2.44 M) DIAMETER
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS, TYPE 1
604036-03	GRATE, TYPE 8
604051-04	FRAME AND GRATE, TYPE 11
604071-05	FRAME AND GRATE, TYPE 20
604076-04	FRAME AND GRATE, TYPE 21
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-04	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6.24 (B-15.60)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-06	TRAFFIC BARRIER TERMINAL, TYPE 5
631033-07	TRAFFIC BARRIER TERMINAL, TYPE 6B
635001-02	DELINEATORS
636001-02	CABLE ROAD GUARD SINGLE STRAND

LIST OF STATE STANDARDS

STD NO	DESCRIPTION
637006-03	CONCRETE BARRIER, 42 IN. (1065 MM) HEIGHT
642001-02	SHOULDER RUMBLE STRIPS, 16 IN.
664001-02	CHAIN LINK FENCE
667001-01	DRAINAGE MARKERS
667101-02	PERMANENT SURVEY MARKERS
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-11	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS <= 40 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701446-09	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-07	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
821006	UNDERPASS LIGHTING SUSPENDED
821101-02	LUMINAIRE WIRING IN POLE
836001-03	LIGHT POLE FOUNDATION
836011-01	LIGHT POLE FOUNDATION WITH 42 IN. (1065 MM) CONCRETE MEDIAN BARRIER
838001-01	BREAKAWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
857006-01	SUPERVISED RAILROAD INTERCONNECT CIRCUIT
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-07	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877002-04	STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-10	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
INDEX OF SHEETS AND STATE STANDARDS**

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	4
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60N87	

GENERAL NOTES

1. 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)
2. THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED UNDER THE UTILITY OWNER'S DIRECTION AND AT NO ADDITIONAL COST TO IDOT.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND MUNICIPALITIES.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5. 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.
6. ALL FRAMES AND GRATES, PAVEMENT, FENCES, DELINEATORS AND APPURTENANCES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
7. ANY GUARDRAIL REMOVED AND DEEMED SALVAGEABLE BY THE RESIDENT ENGINEER SHALL BE DELIVERED BY THE CONTRACTOR TO IDOT'S MAINTENANCE FACILITY IN NEW LENOX. TEMPORARY STORAGE AND DELIVERY SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "GUARDRAIL REMOVAL."
8. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENTS, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
9. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH THE PROPOSED CURB AND GUTTER TO THE EXISTING.
10. SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME AND TELEPHONE NUMBER OF THE RAILROAD ENGINEER IS DON WHISTLER AT (312) 322-8016.
11. THE ENGINEER SHALL CONTACT THE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE START OF WORK.
12. TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT REGINA COOPER, EXPRESSWAY AREA TRAFFIC FIELD ENGINEER, AT (847) 705-4153, CORY JUCIUS, ARTERIAL AREA TRAFFIC OPERATIONS ENGINEER, AT (815) 485-6475 AND ERIC CAMPOS, ARTERIAL AREA TRAFFIC OPERATIONS FIELD ENGINEER VIA E-MAIL AT ERIC.CAMPOS@ILLINOIS.GOV.
13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING FIELD CONDITIONS PRIOR TO BIDDING, ORDERING MATERIALS, OR BEGINNING CONSTRUCTION ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS.

GENERAL NOTES (CONT.)

14. THE FOLLOWING PAY ITEMS HAVE BEEN PROVIDED FOR FOREST MANAGEMENT. THE ACTUAL NEED FOR THESE PAY ITEMS WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE RESIDENT ENGINEER. IF THESE PAY ITEMS ARE NOT USED OR ARE NOT USED IN THEIR ENTIRETY, THE REMAINING QUANTITY SHALL BE DEDUCTED FROM THE TOTAL AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
 - SELECTIVE CLEARING
 - WEED CONTROL, BASAL TREATMENT
 - TREE PRUNING (1 TO 10 INCH DIAMETER)
 - TREE PRUNING (OVER 10 INCH DIAMETER)
15. A QUANTITY OF AGGREGATE SUBGRADE IMPROVEMENT AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION HAS BEEN PROVIDED FOR USE AT LOCATIONS OF UNSUITABLE OR UNSTABLE SOIL. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY SOFTENED SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND EVALUATED ACCORDING TO SECTION 4.0 OF THE IDOT SUBGRADE STABILITY MANUAL. IF UNSUITABLE OR UNSTABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

16. STATE HIGHWAY STANDARD 420501-07, PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RAILROAD GRADE CROSSING SHALL BE MODIFIED TO SHOW A MINIMUM 6 FOOT WIDTH FOR THE HMA PLUG PLACED BETWEEN THE NEW PCC PAVEMENT AND THE RAILROAD CROSSING SURFACE.

EROSION AND SEDIMENT CONTROL NOTES

1. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. LOW FLOW CONDITIONS ARE AT OR BELOW THE NORMAL WATER ELEVATION. WORK IN OR NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.
2. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.
3. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
4. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.
5. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE AND FILTERED (E.G. SEDIMENT BASIN WITH BAFFLE SYSTEM OR OTHER APPROPRIATE MEASURES).
6. ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
7. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA, WETLAND AREAS OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES.

EROSION AND SEDIMENT CONTROL NOTES (CONT.)

8. WATER SHALL BE ISOLATED FROM THE IN-STREAM WORK AREA USING A COFFERDAM CONSTRUCTED OF NON-ERODIBLE MATERIALS (STEEL SHEETS, AQUA BARRIERS, RIP RAP AND GEOTEXTILE LINER, ETC.). EARTHEN COFFERDAMS ARE NOT PERMISSIBLE.
9. THE COFFERDAM MUST BE CONSTRUCTED FROM THE UPLAND AREA AND NO EQUIPMENT MAY ENTER THE WATER AT ANY TIME. IF THE INSTALLATION OF THE COFFERDAM CANNOT BE COMPLETED FROM SHORE AND ACCESS IS NEEDED TO REACH THE AREA TO BE COFFERED, OTHER MEASURES, SUCH AS THE CONSTRUCTION OF A CAUSEWAY, WILL BE NECESSARY TO ENSURE THAT EQUIPMENT DOES NOT ENTER THE WATER. ONCE THE COFFERDAM IS IN PLACE AND THE ISOLATED AREA IS DEWATERED, EQUIPMENT MAY ENTER THE COFFERED AREA TO PERFORM THE REQUIRED WORK.
10. IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE SHALL BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM ENTERING THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION. FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER HAS BECOME SEDIMENT-LADEN AS A RESULT OF THE CURRENT CONSTRUCTION ACTIVITIES.
11. DURING DEWATERING OF THE COFFERED WORK AREA, ALL SEDIMENT-LADEN WATER MUST BE FILTERED TO REMOVE SEDIMENT. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC POLYMERS SYSTEMS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. WATER SHALL HAVE SEDIMENT REMOVED PRIOR TO BEING RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. A STABILIZED CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED IN THE PLAN. DISCHARGE WATER SHALL NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY.
12. THE PORTION OF THE SIDE SLOPE THAT IS ABOVE THE OBSERVED WATER ELEVATION SHALL BE STABILIZED AS SPECIFIED IN THE PLANS PRIOR TO ACCEPTING FLOWS. THE SUBSTRATE AND TOE OF SLOPE THAT HAS BEEN DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO PROPOSED OR PRE-CONSTRUCTION CONDITIONS AND FULLY STABILIZED PRIOR TO ACCEPTING FLOWS.
13. THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING, OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL, WATER OF THE U.S..
14. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS 404 PERMIT. THE PERMIT ISSUED TO THE DEPARTMENT DOES NOT COVER THE INSTREAM WORK BY THE CONTRACTOR. THEREFORE, AFTER AWARD, THE CONTRACTOR SHALL SUBMIT THE WORK PLAN TO THE DEPARTMENT'S RE FOR ACCEPTANCE. THE ACCEPTABLE PLAN MUST BE SUBMITTED TO THE CORPS PRIOR TO STARTING WORK. THE CORPS WILL NOT BE PROVIDING AN APPROVAL UNLESS STATED OTHERWISE IN THE PERMIT, AND INSTREAM WORK CAN COMMENCE AT THE CONTRACTOR'S DISCRETION AFTER THE CORPS HAS BEEN COPIED WITH THE PLAN ACCEPTABLE TO THE DEPARTMENT. GUIDELINES ON ACCEPTABLE INSTREAM WORK TECHNIQUES CAN BE FOUND ON THE CORPS' WEBSITE: <http://www.lrc.usace.army.mil/co-r/pdf/cofferdam.pdf>. LACK OF AN APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
 GENERAL NOTES**

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	5
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DRAINAGE NOTES

1. THE STATION AND OFFSET OF THE DRAINAGE STRUCTURES ADJACENT TO CONCRETE BARRIER ARE TO THE EDGE OF THE FRAME ADJACENT TO THE CONCRETE BARRIER. THE STATION AND OFFSET OF ALL OTHER DRAINAGE STRUCTURES ARE TO THE CENTER OF THE STRUCTURE.
2. INVERT ELEVATIONS FOR EXISTING PIPES HAVE BEEN SHOWN ON THE PLANS WHEN SURVEY INFORMATION WAS AVAILABLE. THE CONTRACTOR SHALL VERIFY THE INVERT ELEVATIONS FOR EXISTING PIPES IN THE FIELD AT THE TIME OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
3. TOP OF GRATE ELEVATIONS FOR EXISTING STRUCTURES SHOWN ON THE PLANS WERE SURVEYED. THE RESIDENT ENGINEER MAY REVISE THE PROPOSED TOP OF FRAME ELEVATIONS AT THE TIME OF CONSTRUCTION BASED ON FIELD CONDITIONS.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER.
5. WHERE REQUIRED BY RESTRICTIVE DEPTHS, PRECAST REINFORCED CONCRETE FLAT SLAB TOPS SHALL BE USED FOR MANHOLES AND CATCH BASINS.
6. THERE ARE SEVERAL LOCATIONS WHERE PROPOSED STORM SEWER/PIPE CULVERTS WILL BE PLACED ADJACENT TO THE PIERS AND ABUTMENT WALLS OF EXISTING OVERHEAD BRIDGES. THE ORIGINAL BRIDGE PLANS HAVE BEEN REVIEWED TO REDUCE THE LIKELIHOOD OF ANY CONFLICT BETWEEN THE PROPOSED STORM SEWER/PIPE CULVERTS AND THE OVERHEAD BRIDGE SUBSTRUCTURE(S), HOWEVER SUCH CONFLICTS MAY EXIST. THE CONTRACTOR SHALL TAKE EXTREME CARE WHEN EXCAVATING OR JACKING PIPE CULVERTS ADJACENT TO THE OVERHEAD BRIDGE PIERS AND ABUTMENT WALLS.
7. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
8. WHERE EQUIVALENT ROUND PIPES ARE SPECIFIED, THE CONTRACTOR SHALL USE HORIZONTAL ELLIPTICAL PIPES. NO ARCH OR OTHER EQUIVALENT SIZED PIPES WILL BE ALLOWED.

PERMITS

1. THIS PROJECT WILL REQUIRE AUTHORIZATION FROM THE ARMY CORPS OF ENGINEERS SECTION 404 PERMIT AND A CONSTRUCTION PERMIT FROM THE IEPA UNDER NPDES.

COMMITMENTS

1. NONE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
GENERAL NOTES

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

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	6
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX	
				0003 URBAN	0010 099-0068 & 0069	0004 099-C030	0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	7,120	7,120							
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	8,505	8,505							
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	20	20							
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	30	30							
20200100	EARTH EXCAVATION	CU YD	91,049	91,049							
• 20200200	ROCK EXCAVATION	CU YD	22,832	22,832							
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	43,001	43,001							
20400800	FURNISHED EXCAVATION	CU YD	506	506							
20800150	TRENCH BACKFILL	CU YD	4,043	4,043							
20900110	POROUS GRANULAR BACKFILL	CU YD	371	371							
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	9,229	9,229							
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2,702	2,702							
• 21101685	TOPSOIL FURNISH AND PLACE, 24"	SO YD	666	666							
• 25000210	SEEDING, CLASS 2A	ACRE	9.25	9.25							

• DENOTES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	7
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
• 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2,520	2,520								
• 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2,520	2,520								
• 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2,520	2,520								
• 25003310	INTERSEEDING, CLASS 4	ACRE	7.00	7.00								
• 25100105	MULCH, METHOD 1	ACRE	13	13								
• 25100115	MULCH, METHOD 2	ACRE	6.5	6.5								
• 25100630	EROSION CONTROL BLANKET	50 YD	161,431	161,431								
• 25100635	HEAVY DUTY EROSION CONTROL BLANKET	50 YD	286	286								
• 25400200	SELECTIVE MOWING STAKES	EACH	254	254								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,430	2,430								
28000305	TEMPORARY DITCH CHECKS	FOOT	2,604	2,604								
28000400	PERIMETER EROSION BARRIER	FOOT	10,211	10,211								
28000510	INLET FILTERS	EACH	197	197								
28100101	STONE RIPRAP, CLASS A1	50 YD	192	192								

• DENOTES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1V6-1-R	WILL	840	8
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
28200200	FILTER FABRIC	SO YD	192	192								
28500400	ARTICULATED BLOCK REVETMENT MAT	SO YD	106	106								
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2,579	2,579								
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	143,769	143,769								
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SO YD	6,653	3,798								2,855
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SO YD	115,979	115,979								
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	320									320
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	126	126								
42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SO YD	42,122	42,122								
42001300	PROTECTIVE COAT	SO YD	145,708	145,708								
42100360	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"	SO YD	53,862	53,862								
42100615	PAVEMENT REINFORCEMENT	SO YD	55,932	55,932								
42101030	WIDE FLANGE BEAM TERMINAL JOINT COMPLETE 36'	EACH	1	1								
42101040	WIDE FLANGE BEAM TERMINAL JOINT COMPLETE 48'	EACH	2	2								

* DENOTES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
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80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	9
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
42101090	TRANSVERSE TERMINAL JOINT COMPLETE 24'	EACH	2	2								
42101100	TRANSVERSE TERMINAL JOINT COMPLETE 36'	EACH	2	2								
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	784	784								
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	925	925								
* 42400800	DETECTABLE WARNINGS	SQ FT	181	181								
44000100	PAVEMENT REMOVAL	SQ YD	103,430	103,430								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	9,867	9,867								
44003100	MEDIAN REMOVAL	SQ FT	43,951	43,951								
44004250	PAVED SHOULDER REMOVAL	SQ YD	35,309	35,309								
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	5,660	5,660								
48203043	HOT-MIX ASPHALT SHOULDERS, 11 1/2"	SQ YD	1,075	1,075								
48300510	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"	SQ YD	6,533	6,533								
48300800	PORTLAND CEMENT CONCRETE SHOULDERS 13"	SQ YD	28,380	28,380								
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1								

* DENOTES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	10
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

REV 7-9-19

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% 20% FED STATE	80% 20% FED STATE	80% 20% FED STATE	80% 20% FED STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% 20% FED STATE	80% 20% FED STATE		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1							
50102400	CONCRETE REMOVAL	CU YD	58.8	36.0	22.8							
50104400	CONCRETE HEADWALL REMOVAL	EACH	6	6								
50104650	SLOPE WALL REMOVAL	SO YD	377		377							
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	2		2							
50105220	PIPE CULVERT REMOVAL	FOOT	1,970	1,970								
50157300	PROTECTIVE SHIELD	SO YD	6,637		6,637							
50200100	STRUCTURE EXCAVATION	CU YD	1,595	417	911	267						
• 50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	3,869	3,561		308						
50201101	COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	1		1							
50300225	CONCRETE STRUCTURES	CU YD	1,748.1		1,730.3	17.8						
50300255	CONCRETE SUPERSTRUCTURE	CU YD	3,846.0	894.9	2,951.1							
50300260	BRIDGE DECK GROOVING	SO YD	10,412		10,412							
50300280	CONCRETE ENCASEMENT	CU YD	18.9		18.9							

• DENOTES SPECIALTY ITEM

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	DATE = 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	11
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
50300300	PROTECTIVE COAT	SO YD	12,516		12,516							
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	417.8		417.8							
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1							
50500505	STUD SHEAR CONNECTORS	EACH	27,159		27,159							
50800105	REINFORCEMENT BARS	POUND	39,890		39,890							
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,076,845	108,875	965,780	2,190						
50800515	BAR SPLICERS	EACH	4850		4,850							
50800530	MECHANICAL SPLICERS	EACH	25			25						
51100100	SLOPE WALL 4 INCH	SO YD	988		988							
51100300	SLOPE WALL 6 INCH	SO YD	427		427							
51201600	FURNISHING STEEL PILES HP12X53	FOOT	1,527		1,527							
51202305	DRIVING PILES	FOOT	1,527		1,527							
51203600	TEST PILE STEEL HP12X53	EACH	3		3							
51204650	PILE SHOES	EACH	54		54							

• DENOTES SPECIALTY ITEM

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PLOT DATE : 6/7/2018	CHECKED -	REVISED -
	DATE : 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	12
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FED 20% STATE	70% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX	
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028	
51500100	NAME PLATES	EACH	3		2	1					
51603000	DRILLED SHAFT IN SOIL	CU YD	260.7		260.7						
51604000	DRILLED SHAFT IN ROCK	CU YD	102.7		102.7						
52000030	PREFORMED JOINT SEAL 2 1/2"	FOOT	459		459						
52000110	PREFORMED JOINT STRIP SEAL	FOOT	650		650						
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	84		84						
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	24		24						
52100520	ANCHOR BOLTS, 1"	EACH	288		288						
52100530	ANCHOR BOLTS, 1 1/4"	EACH	48		48						
52200010	TEMPORARY SHEET PILING	SO FT	1,586		1,586						
52200020	TEMPORARY SOIL RETENTION SYSTEM	SO FT	1,130		1,130						
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1	1							
54002020	EXPANSION BOLTS 3/4 INCH	EACH	6			6					
54010804	PRECAST CONCRETE BOX CULVERTS 8' X 4'	FOOT	142			142					

• DENOTES SPECIALTY ITEM

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
 SUMMARY OF QUANTITIES**

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1V8-1-R	WILL	840	13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	250	250								
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	36	36								
5421A048	PIPE CULVERTS, CLASS A, TYPE 1 48" (TEMPORARY)	FOOT	392	392								
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	8	8								
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3	3								
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4	4								
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1								
54215418	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 18"	EACH	1	1								
54215430	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 30"	EACH	2	2								
54215436	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36"	EACH	1	1								
54215448	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 48"	EACH	2	2								
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	3	3								
54244805	INLET BOX, STANDARD 542501	EACH	2	2								
54248510	CONCRETE COLLAR	CU YD	57	57								

• DENOTES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	14
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX	
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	EVP	HIGHWAY LIGHTING	SHARED USE PATH	
				0003	0010	0004	0021	0021	0021	0028	
				URBAN	099-0068 & 099-0069	099-C030					
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	312	312							
54261336	CONCRETE END SECTION, STANDARD 542001, 36", 1:3	EACH	3	3							
54261342	CONCRETE END SECTION, STANDARD 542001, 42", 1:3	EACH	1	1							
54261430	CONCRETE END SECTION, STANDARD 542001, 30", 1:4	EACH	1	1							
54261436	CONCRETE END SECTION, STANDARD 542001, 36", 1:4	EACH	1	1							
54261442	CONCRETE END SECTION, STANDARD 542001, 42", 1:4	EACH	2	2							
54263348	CONCRETE END SECTION, STANDARD 542011, 48", 1:3	EACH	1	1							
54263442	CONCRETE END SECTION, STANDARD 542011, 42", 1:4	EACH	1	1							
54263448	CONCRETE END SECTION, STANDARD 542011, 48", 1:4	EACH	1	1							
54263642	CONCRETE END SECTION, STANDARD 542011, 42", 1:6	EACH	1	1							
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2,327	2,327							
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	199	199							
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	598	598							
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	261	261							

• DENOTES SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES**

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	15
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0009 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	207	207								
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	225	225								
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	23	23								
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,200	1,200								
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	963	963								
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	2,575	2,575								
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	625	625								
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	125	125								
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	185	185								
550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	344	344								
550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	126	126								
550A4700	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	546	546								
550A4710	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	146	146								
550A5500	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 42"	FOOT	1,004	1,004								

• DENOTES SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES**

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	16
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX	
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028	
55100500	STORM SEWER REMOVAL 12"	FOOT	236	236							
55100700	STORM SEWER REMOVAL 15"	FOOT	221	221							
55100900	STORM SEWER REMOVAL 18"	FOOT	33	33							
55101200	STORM SEWER REMOVAL 24"	FOOT	122	122							
55101400	STORM SEWER REMOVAL 30"	FOOT	68	68							
55101600	STORM SEWER REMOVAL 36"	FOOT	143	143							
55101800	STORM SEWER REMOVAL 42"	FOOT	96	96							
55201100	STORM SEWERS JACKED IN PLACE, 30"	FOOT	79	79							
55201500	STORM SEWERS JACKED IN PLACE, 42"	FOOT	348	348							
55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	358	358							
58700300	CONCRETE SEALER	SQ FT	8,013		8,013						
59000200	EPOXY CRACK INJECTION	FOOT	3		3						
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	508	278	230						
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	8	8							

• DENOTES SPECIALTY ITEM

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
 SUMMARY OF QUANTITIES**


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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	17
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	842	842								
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	20,064	20,064								
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1								
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	15	15								
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	67	67								
60201320	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 21 FRAME AND GRATE	EACH	3	3								
60205010	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1	1								
60205415	CATCH BASINS, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604101)	EACH	1	1								
60205515	CATCH BASINS, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604106)	EACH	1	1								
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7								
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	3	3								
60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	7	7								
60219510	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	26	26								
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3								

* DENOTES SPECIALTY ITEM

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			DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	18
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

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

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
60222210	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	4	4								
60222220	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 21 FRAME AND GRATE	EACH	2	2								
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	7	7								
60224035	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	2	2								
60224440	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	6	6								
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4								
60224457	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1								
60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	3	3								
60251710	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 20 FRAME AND GRATE	EACH	2	2								
60251720	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 21 FRAME AND GRATE	EACH	3	3								
60256910	MANHOLES TO BE ADJUSTED WITH NEW TYPE 20 FRAME AND GRATE	EACH	2	2								
60500040	REMOVING MANHOLES	EACH	2	2								
60500050	REMOVING CATCH BASINS	EACH	4	4								
60500060	REMOVING INLETS	EACH	13	13								

• DENOTES SPECIALTY ITEM

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ENGINEERING CONSULTANT

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USER NAME : espino	DESIGNED -	REVISED -
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PLOT SCALE : 2,0000' / 1" =	CHECKED -	REVISED -
PLOT DATE : 6/7/2018	DATE : 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	19
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60N87				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED STATE	70% FED STATE	80% FED STATE	70% FED STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED STATE	80% FED STATE		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	9.3	9.3								
60600605	CONCRETE CURB, TYPE B	FOOT	279	279								
60601805	CONCRETE CURB TRANSITION	FOOT	60	60								
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	5,225	5,225								
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	10,418	10,418								
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	314	314								
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	34,185	34,185								
• 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3,437.5	3,437.5								
• 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	4	4								
• 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1	1								
• 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	4								
• 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	7	7								
63200310	GUARDRAIL REMOVAL	FOOT	5,237	5,237								
63200400	CABLE ROAD GUARD REMOVAL	FOOT	4,400	4,400								

• DENOTES SPECIALTY ITEM

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USER NAME : espino	DESIGNED -	REVISED -
PLOT SCALE = 2,0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 6/7/2018	CHECKED -	REVISED -
	DATE - 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	20
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
63500105	DELINEATORS	EACH	213	213								
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	1,747	1,747								
63700805	CONCRETE BARRIER TRANSITION	FOOT	30	30								
63700900	CONCRETE BARRIER BASE	FOOT	5,290	5,290								
63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	3,000	3,000								
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	28,636	28,636								
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1								
64401100	HIGH TENSION CABLE MEDIAN BARRIER	EACH	1,090	1,090								
64401300	HIGH TENSION CABLE MEDIAN BARRIER TERMINAL	EACH	3	3								
66400305	CHAIN LINK FENCE, 6'	FOOT	899	899								
• 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	2	2								
66700705	FURNISHING AND ERECTING DRAINAGE MARKERS	EACH	44	44								
• 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,100	1,100								
• 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1								

• DENOTES SPECIALTY ITEM

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	DATE = 01/20/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
 SUMMARY OF QUANTITIES**

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	21
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED STATE 20% STATE	80% FED STATE 20% STATE	80% FED STATE 20% STATE	80% FED STATE 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED STATE 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2								
67100100	MOBILIZATION	L SUM	1	1								
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	19,877	19,877								
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	50 FT	4,165	4,165								
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	233,492	233,492								
70300905	PAVEMENT MARKING TAPE, TYPE IV 5"	FOOT	9,327	9,327								
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	9,286	9,286								
70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	20,756	20,756								
70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	1,544	1,544								
70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	1,347	1,347								
70400100	TEMPORARY CONCRETE BARRIER	FOOT	19,877	19,877								
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	52,645	52,645								
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	8	8								
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	7	7								

• DENOTES SPECIALTY ITEM

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USER NAME = espino	DESIGNED -	REVISED -
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	DATE = 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX	
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028	
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	21	21							
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	24	24							
* 72000100	SIGN PANEL - TYPE 1	SO FT	566	543.5			22.5				
* 72000200	SIGN PANEL - TYPE 2	SO FT	402	381			21				
* 72000300	SIGN PANEL - TYPE 3	SO FT	1,825	1,825							
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	33	33							
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	23	23							
* 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	74	74							
* 72400320	REMOVE SIGN PANEL - TYPE 2	SO FT	32	32							
* 72400330	REMOVE SIGN PANEL - TYPE 3	SO FT	1,752	1,752							
* 72500200	OBJECT MARKER - TYPE 2	EACH	207	207							
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	7	7							
* 72600100	MILE POST MARKER ASSEMBLY	EACH	6	6							
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	11,990	11,990							

* DENOTES SPECIALTY ITEM

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USER NAME: aspina	DESIGNED: -	REVISED: -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	23
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
• 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	801	801								
• 73000100	WOOD SIGN SUPPORT	FOOT	466	466								
• 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	7	7								
• 73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	88	88								
• 73302210	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT	37	37								
73400100	CONCRETE FOUNDATIONS	CU YD	29	29								
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	32	32								
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1	1								
73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	2	2								
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	19	19								
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	19	19								
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2	2								
• 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	328	328								
• 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	17,938	17,938								

• DENOTES SPECIALTY ITEM

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ENGINEERING CONSULTANT

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	DATE = 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	24
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,125	1,125								
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	348	348								
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	113	113								
78004355	PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 5"	FOOT	690	690								
78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	1,745	1,745								
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	8307	8307								
78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	11,157	11,157								
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	1,961	1,961								
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	438	438								
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	51,237	51,237								
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,343	1,343								
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	3,002	3,002								
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	3,913				3,913					
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	1,506				1,506					

• DENOTES SPECIALTY ITEM

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USER NAME = espino	DESIGNED -	REVISED -
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	DATE = 01/20/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES**


SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60NB7	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FED STATE	80% FED STATE	80% FED STATE	80% FED STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED STATE	80% FED STATE	
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	EVP	HIGHWAY LIGHTING	SHARED USE PATH	
				0003	0010	0004	0021	0021	0021	0028	
				URBAN	099-0068 & 099-0069	099-C030					
• 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	1,808	1,265			203			340	
• 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	2,066	345			1,721				
• 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	709							709	
• 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	2,125	485						1640	
• 81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	660	660							
• 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	16							16	
• 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	4							4	
• 81300810	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 12" X 8"	EACH	6							6	
• 81300960	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 12"	EACH	2	2							
• 81301500	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 28" X 12" X 6"	EACH	6							6	
• 81400100	HANDHOLE	EACH	21				21				
• 81400200	HEAVY-DUTY HANDHOLE	EACH	13	6			7				
• 81400300	DOUBLE HANDHOLE	EACH	6				6				
• 81603032	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	3,085	3,085							

• DENOTES SPECIALTY ITEM

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 ENGINEERING CONSULTANT CONSULTING ENGINEERS 5207 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4208 Fax: 773.775.4014 www.clorbagroup.com	USER NAME = spina	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES			80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2,0000 / 1 in.	CHECKED -	REVISED -					80	99-4-1VB-1-R	WILL	840	26
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX	
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028	
• 81603081	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	1,847							1,847	
• 81702100	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	FOOT	882							882	
• 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2,646							2,646	
• 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	500	500							
• 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	2,600	1500						1,100	
• 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	3,300							3,300	
• 81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	338							338	
• 82102150	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 150 WATT	EACH	10							10	
• 82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	1							1	
• 82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	16							16	
• 83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	3							3	
• 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	66							66	
• 83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	10	4						6	
• 83800505	BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT	EACH	2							2	

• DENOTES SPECIALTY ITEM

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ENGINEERING CONSULTANT

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USER NAME = espino	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 6/7/2018	CHECKED -	REVISED -
	DATE = 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VR-1-R	WILL	840	27
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX	
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028	
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	2				2				
84200804	REMOVAL OF POLE FOUNDATION	EACH	3						3		
• 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4				4				
• 86400100	TRANSCEIVER - FIBER OPTIC	EACH	6				6				
• 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	9,394				9,394				
• 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,018				1,018				
• 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,981				2,981				
• 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5,368				5,368				
• 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,891				3,891				
• 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	18,083				18,083				
• 87301750	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	165				165				
• 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	130				130				
• 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2,557				2,557				
• 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1				1				

• DENOTES SPECIALTY ITEM

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	DATE = 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	28
CONTRACT NO. 60NB7				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003	BRIDGE 0010	BOX CULVERT 0004	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
				URBAN	099-0068 & 099-0069	099-C030						
• 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	65				65					
• 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21				21					
• 87900200	DRILL EXISTING HANDHOLE	EACH	8	5			3					
• 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	16				16					
• 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	10				10					
• 88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2				2					
• 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2				2					
• 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4				4					
• 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4				4					
• 88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2				2					
• 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2				2					
• 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	22				22					
• 88500100	INDUCTIVE LOOP DETECTOR	EACH	61				61					
• 88600100	DETECTOR LOOP, TYPE I	FOOT	411				411					

• DENOTES SPECIALTY ITEM

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PLOT SCALE: 2.0000' = 1"	DRAWN: -	REVISED: -
PLOT DATE: 6/7/2018	CHECKED: -	REVISED: -
	DATE: 01/20/2018	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES


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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	30
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX	
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028	
• 88600700	PREFORMED DETECTOR LOOP	FOOT	3,698				3,698				
• 88700200	LIGHT DETECTOR	EACH	9					9			
• 88700300	LIGHT DETECTOR AMPLIFIER	EACH	2					2			
• 88800100	PEDESTRIAN PUSH-BUTTON	EACH	4				4				
• 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3				3				
• 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	5				5				
• 89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	2				2				
• 89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2				2				
• 89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1				1				
• 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	1					1			
• 89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	4					4			
• 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	17,363				12,851		4,512		
• 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	6				6				
• 89502380	REMOVE EXISTING HANDHOLE	EACH	26				26				

• DENOTES SPECIALTY ITEM

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 ENGINEERING CONSULTANT CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4200 Fax: 773.775.4014 Email: dclorba@clorba.com	USER NAME = espino	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	31
CONTRACT NO. 60N87			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
• 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	4				4					
• 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	21				21					
• A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	50	50								
• A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	30	30								
• A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	50	50								
• A2007816	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	50	50								
• B2001668	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 7' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	30	30								
• C2002048	SHRUB, CORYLUS AMERICANA (AMERICAN FILBERT), 4' HEIGHT, BALLED AND BURLAPPED	EACH	100	100								
• C2C05724	SHRUB, RHUS AROMATICA (FRAGRANT SUMAC), 2" WIDTH, CONTAINER	EACH	200	200								
• D2001984	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	200	200								
• K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	432	432								
• K0026850	PERENNIAL PLANT CARE	SQ YD	15,200	15,200								
• K0029614	WEED CONTROL, AQUATIC	GALLON	5	5								
• K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	130	130								

• DENOTES SPECIALTY ITEM

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PLOT DATE = 6/7/2018	CHECKED -	REVISED -
	DATE = 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	32
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003	BRIDGE 0010	BOX CULVERT 0004	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
				URBAN	099-0068 & 099-0069	099-C030						
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	2,062	2,062								
X0322446	CABINET HOUSING EQUIPMENT, TYPE III	EACH	4	4								
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	3	3								
X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	1	1								
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	2,062	2,062								
X0322446	CABINET HOUSING EQUIPMENT, TYPE III	EACH	4	4								
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	3	3								
X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	1	1								
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	28	28								
X0323044	COARSE SAND PLACEMENT	50 YD	4,792	4,792								

* DENOTES SPECIALTY ITEM

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USER NAME: jaspine	DESIGNED: -	REVISED: -
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	DATE: 01/20/2018	REVISED: -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES**

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	33
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60NB7	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
X0323260	SEDIMENT BASIN	EACH	9	9								
X0323265	REMOVE EXISTING RIPRAP	50 YD	507	507								
X0323914	FIBER OPTIC CABLE SPLICE - LATERAL	EACH	9	9								
X0323957	FIBER OPTIC CABLE SPLICE - MAINLINE	EACH	2	2								
X0324001	REMOVE WOOD POLE AND SALVAGE	EACH	18						18			
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	4,138					4,138				
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	5,407				5,407					
X0324752	STORM SEWER TO BE FILLED	CU YD	9.6	9.6								
X0325040	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	17,210	17,210								
X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	10	10								
X0326266	ETHERNET SWITCH	EACH	4	4								
X0326275	RAILROAD RIGHT-OF-WAY ENTRY PERMIT	EACH	1	1								
X0326650	FILLING EXISTING RUMBLE STRIP	FOOT	19,843	19,843								
X0326964	FIBER OPTIC INTERCONNECT CABINET	EACH	1	1								

* DENOTES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	34
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED STATE	80% FED STATE	80% FED STATE	80% FED STATE	100% NEW LENOX-FIRE PROTECTION DISTRICT	80% FED STATE	80% FED STATE		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
X0327115	RS232 TO ETHERNET CONVERTER	EACH	4	4								
X0327117	ATMS SYSTEM INTEGRATION	L SUM	1	1								
X0327118	SOLAR PANEL, RADAR VEHICLE SENSING DEVICE AND SPREAD SPECTRUM RADIO ANTENNA POLE	EACH	4	4								
X0327119	RADAR VEHICLE SENSING DEVICE POLE ON BARRIER WALL	EACH	3	3								
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	70,066	70,066								
X1400023	CONDUIT, FLEXIBLE, LIQUID TIGHT, METALLIC, 2" DIAMETER	FOOT	55	30						25		
X1400032	RADAR VEHICLE SENSING DEVICE	EACH	10	10								
X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1				1					
X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	2				2					
X1400155	REMOVAL OF FIBER OPTIC CABLE	FOOT	1,490	1,490								
X1400168	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1				1					
X1400247	LIGHT POLE, SPECIAL, 20'	EACH	2							2		
X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	12	12								
X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	1.00	1.00								

• DENOTES SPECIALTY ITEM

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USER NAME = espjma	DESIGNED -	REVISED -
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	DATE = 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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


80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	35
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010	BOX CULVERT 0004	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
X2700003	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	10,098	10,098								
X2700005	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 7"	FOOT	10,098	10,098								
X2810108	STONE RIPRAP, CLASS A4 (SPECIAL)	50 YD	192	192								
X2840105	GABION REMOVAL	CU YD	560	560								
X4211080	WIDE FLANGE BEAM TERMINAL JOINT COMPLETE (SPECIAL)	EACH	1	1								
X5420636	PIPE CULVERTS TO BE CLEANED 36"	FOOT	952	952								
X5521500	STORM SEWERS JACKED IN PLACE, 42" (SPECIAL)	FOOT	87	87								
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	538		538							
X6015000	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	19	19								
X6020090	MANHOLES, WITH RESTRICTOR PLATE	EACH	1	1								
X6020091	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE, RESTRICTOR PLATE	EACH	1	1								
X6024090	MANHOLES, TYPE A, 6'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1	1								
X6025602	MANHOLES TO BE ADJUSTED WITH FRAME AND GRATE (SPECIAL)	EACH	3	3								
X6030205	FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)	EACH	14	14								

□ 100% state

* DENOTES SPECIALTY ITEM

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	CONSULTING ENGINEERS 1651 North Lincolnway Chicago, Illinois 60642 Tel: (773) 745-4000 Fax: (773) 745-4014 Email: clorba@clorbagroup.com	PLOT SCALE = 2.0000' / 1" =	CHECKED -	REVISED -			80	99-4-1VB-1-R	WILL	840	36	
	PLOT DATE = 6/7/2018	DATE = 01/20/2018	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60N87				
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	14	14								
X6050700	REMOVE INLET BOX	EACH	6	6								
X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SO FT	14,717	14,717								
X6350120	DELINEATOR REMOVAL	EACH	213	213								
X6370250	CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT	FOOT	4,107	4,107								
X6431120	REMOVE IMPACT ATTENUATOR SAND MODULE	EACH	4	4								
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	39	39								
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1								
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1								
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	550	550								
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	720	720								
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	59,217	59,217								
X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	50,690	50,690								
X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	4,491	4,491								

• DENOTES SPECIALTY ITEM

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ENGINEERING CONSULTANT

 CONSULTING ENGINEERS
 5507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60638
 Tel: 773.754.4900 Fax: 773.775.4044
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	DATE = 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	37
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX	
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028	
X7035106	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	FOOT	228	228							
X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	2,596	2,596							
X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	149	149							
X7035124	TEMPORARY EPOXY PAVEMENT MARKING - LINE 24"	FOOT	80	80							
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	2,544	2,544							
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	690	690							
X8210040	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	3							3	
X8210312	PROTECTION AND MAINTENANCE OF EXISTING UNDERPASS LIGHTING (SPECIAL)	L SUM	1							1	
X8302397	LIGHT POLE, ALUMINUM, 25 FT M.H., 15 FT. MAST ARM	EACH	6							6	
X8360105	LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL, 24" DIAMETER	FOOT	21	21							
X8440116	RELOCATE EXISTING LIGHTING UNIT, SPECIAL	EACH	3							3	
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	3				3				
X8571315	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1				1				
X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1				1				

• DENOTES SPECIALTY ITEM

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ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS 5507 North Central Express Avenue, Suite 412 Chicago, Illinois 60630 Tel: 773.778.2009 Fax: 773.778.4034 Email: clorba@clorba.com		USER NAME = espino DESIGNED - DRAWN - CHECKED - PLOT DATE = 6/7/2018 DATE = 01/20/2018 REVISIONS - REVISIONS - REVISIONS - REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	80 RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 80 99-4-1VB-1-R WILL 840 38 CONTRACT NO. 60N87 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED STATE 20% STATE	80% FED STATE 20% STATE	80% FED STATE 20% STATE	80% FED STATE 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED STATE 20% STATE	80% FED STATE 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
* X8620250	UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	6						6			
* X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	9,524						9,524			
* X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	17,330	17,330								
* X8710036	FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	3,455	3,455								
* X8710054	FIBER OPTIC TERMINATION PANEL, 12 F OR 24F	EACH	6	6								
* X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	7,761	750					7,011			
* X1400340	AERIAL CABLE REMOVAL	FOOT	6,415							6415		
* X1400341	REMOVAL OF LUMINAIRE, SALVAGE	EACH	7							7		
* X1400342	UNDERPASS LIGHTING REMOVAL	L SUM	1							1		
* Z0007114	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES	L SUM	1		1							
* Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1		1							
* Z0010502	CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1		1							
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SO FT	341		341							
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1								

* DENOTES SPECIALTY ITEM

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ENGINEERING CONSULTANT

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 Email: clorba@clorba.com

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES


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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	39
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
Z0015500	DEBRIS REMOVAL	L SUM	1		1							
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	10		10							
Z0018800	DRAINAGE SYSTEM	L SUM	1		1							
Z0022800	FENCE REMOVAL	FOOT	1,992	1,992								
Z0023500	FILLING EXISTING CULVERTS	CU YD	163	163								
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	296	296								
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	11							11		
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	32							32		
* Z0033052	COMMUNICATIONS VAULT	EACH	6	6								
* Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1				1					
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	34,500	34,500								
Z0043698	PRECAST CONCRETE PANEL	SO FT	32	32								
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1,211	837	374							
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1								

* DENOTES SPECIALTY ITEM

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 ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS 5527 North Cicero Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4200 Fax: 773.775.4814 Email: cgroup@clorbagroup.com	USER NAME = espina	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE = 01/20/2018	REVISED -							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% STATE	80% FED 20% VILLAGE OF NEW LENOX	
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	EVP	HIGHWAY LIGHTING	SHARED USE PATH	
				0003	0010	0004	0021	0021	0021	0028	
				URBAN	099-0068 & 099-0069	099-C030					
Z0055905	TEMPORARY CONSTRUCTION FENCE	FOOT	225	225							
Z0062456	TEMPORARY PAVEMENT	SO YD	38,775	38,775							
Z0064800	SELECTIVE CLEARING	UNIT	675	675							
Z0067100	STEEL CASINGS 8"	FOOT	62				62				
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3				3				
Z0076600	TRAINEES	HOUR	2500	2500							
Z0076870	UNDERDRAIN CONNECTION TO STRUCTURE	EACH	99	99							
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2500	2500							
Z0076600	Trainees	Hour	2500	2500							

* DENOTES SPECIALTY ITEM
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ENGINEERING CONSULTANT
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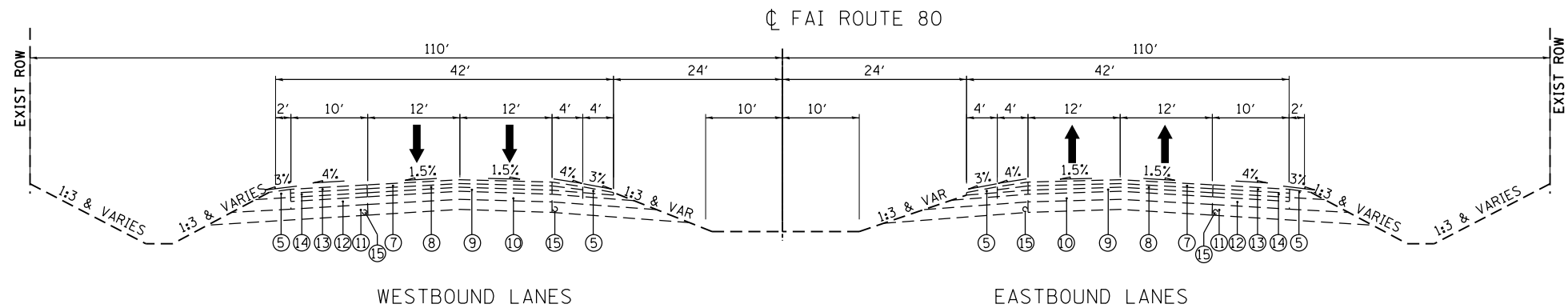
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

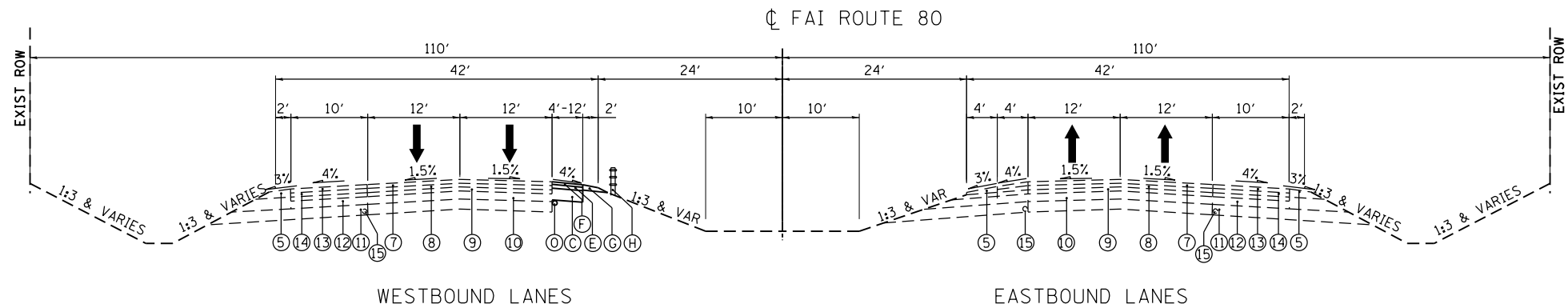
F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	398
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60N87	



EXISTING TYPICAL CROSS SECTION
FAI ROUTE 80
STA. 614+60 TO STA. 618+60



PROPOSED TYPICAL CROSS SECTION
FAI ROUTE 80
STA. 614+60 TO STA. 618+60

EXISTING LEGEND

- ① CRC PAVEMENT 12 1/4"
- ② STABILIZED SUB-BASE 4" (BAM)
- ③ AGGREGATE SUBGRADE 12"
- ④ PCC SHOULDER 12 1/4"
- ⑤ AGGREGATE SHOULDER, TYPE B, 6"
- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
- ⑦ POLYMERIZED BIT. CONC. SURFACE COURSE, MIX E, CLASS I, TYPE I, 1 3/4" (AC: SBS-20 OR SBR-20)
- ⑧ POLYMERIZED BIT. CONC. COURSE, TYPE I, 1 1/2" (AC: SBS-20 OR SBR-20)
- ⑨ BIT. SURFACE AFTER BIT. SURFACE REMOVAL 1 1/2"
- ⑩ CRC PAVEMENT 8"
- ⑪ STABILIZED SUB-BASE (C.A.M., P.A.M., OR B.A.M.) 4"
- ⑫ PAVED SHOULDER (BIT. OVERLAY (DEPTH VAR. 3 3/4" TO 5 1/4" PVER: PCC OR CAM OR PAM OR BAM (DEPTH = 7"))
- ⑬ BIT. CONC. SURFACE COURSE, MIX C, CLASS I, TYPE III, 1 3/4" (AC-10)
- ⑭ BIT. CONC. BINDER COURSE, MIX B, TYPE III, 1 1/2" (AC-10)
- ⑮ PIPE UNDERDRAIN, 6"

PROPOSED LEGEND

- Ⓐ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 13"
- Ⓑ STABILIZED SUB-BASE - HOT-MIX ASPHALT, 4"
- Ⓒ AGGREGATE SUBGRADE IMPROVEMENT 12"
- Ⓓ PORTLAND CEMENT CONCRETE SHOULDERS 13"
- Ⓔ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
- Ⓕ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- Ⓖ AGGREGATE SHOULDER, TYPE B, 6"
- Ⓗ HIGH TENSION CABLE MEDIAN BARRIER
- Ⓘ CONCRETE BARRIER BASE
- Ⓝ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- Ⓚ CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT
- Ⓛ SHOULDER RUMBLE STRIP, 16 INCH (AS PER STANDARD 642001)
- Ⓜ TOPSOIL EXCAVATION AND PLACEMENT
- Ⓝ EARTH EXCAVATION
- Ⓞ PIPE UNDERDRAIN, 6"
- Ⓟ DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER 12 1/2")

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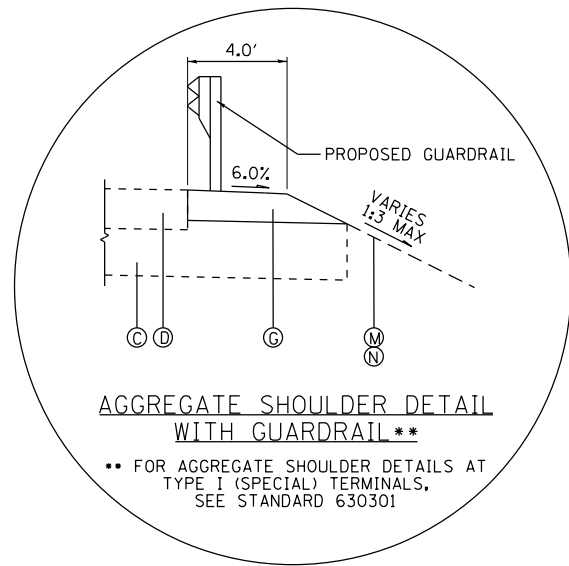
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
I-80 TYPICAL SECTIONS**

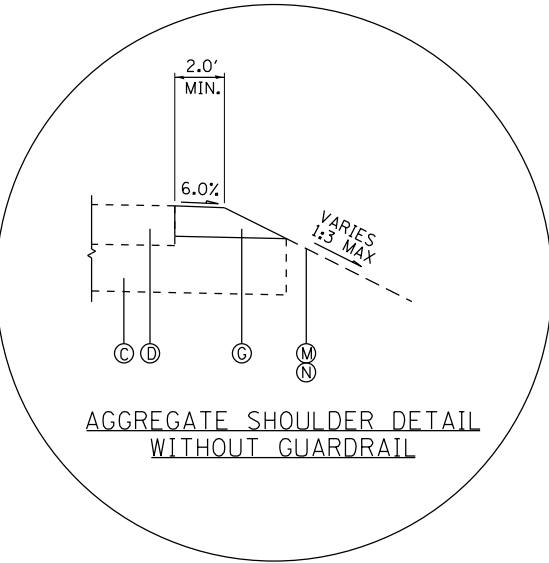
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80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	40	40
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

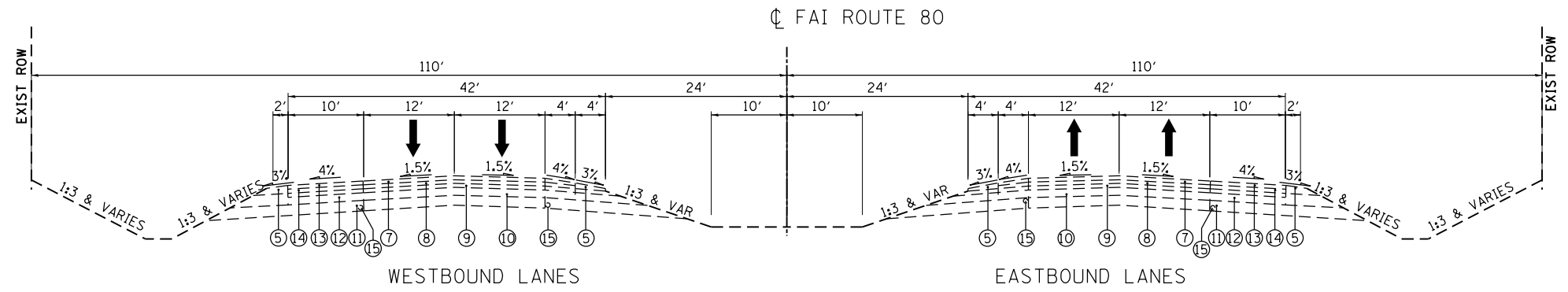


AGGREGATE SHOULDER DETAIL WITH GUARDRAIL**

** FOR AGGREGATE SHOULDER DETAILS AT TYPE I (SPECIAL) TERMINALS, SEE STANDARD 630301

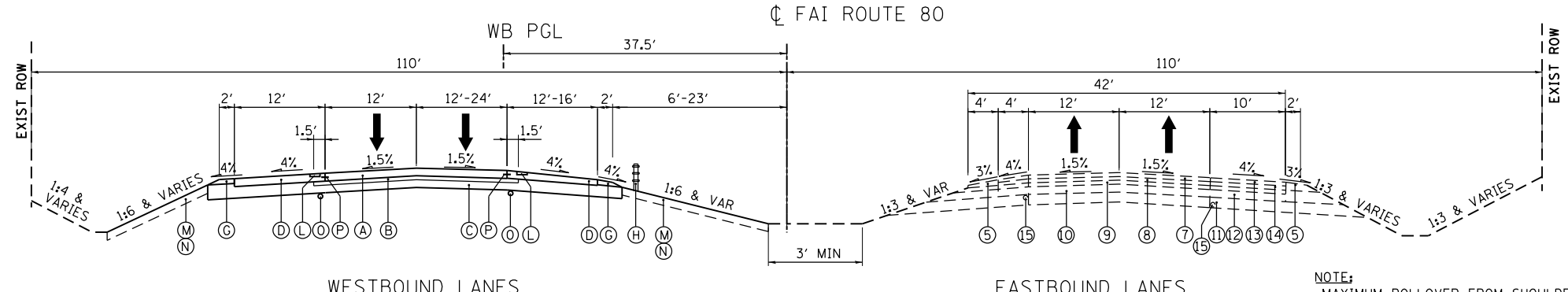


AGGREGATE SHOULDER DETAIL WITHOUT GUARDRAIL



EXISTING TYPICAL CROSS SECTION

FAI ROUTE 80
STA. 618+60 TO STA. 628+33.18 WESTBOUND
STA. 618+60 TO STA. 628+40 EASTBOUND



PROPOSED TYPICAL CROSS SECTION

FAI ROUTE 80
STA. 618+60 TO STA. 628+33.18 WESTBOUND

NOTE:
-MAXIMUM ROLLOVER FROM SHOULDER TO EDGE OF PAVEMENT IS 8.0%

I-80

STRUCTURAL DESIGN TRAFFIC:	Year 2030
PV = 89,700	SU = 4,600 MU = 20,700
ROAD/STREET CLASSIFICATION:	Class I
P = 8	S = 37 M = 37
TRAFFIC FACTOR:	Actual TF = 111.59 Minimum TF = 8.26
SUBGRADE SUPPORT RATING	SSR = POOR (Sta. 618+60 to 715+85)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

OPERATION	MIXTURE TYPE	AIR VOIDS @ NDES	OMP
ROADWAY RECONSTRUCTION	STABILIZED SUB-BASE - HOT MIX ASPHALT, 4" (HMA BINDER IL-19.0)	3% @ 50 GYR.	QC/OA
TEMPORARY PAVEMENT (I-80 & RAMPS)	TEMP PVMT (HMA BINDER IL-19.0 mm), 10" (2 1/4" MIN.)	4% @ 70 GYR.	OCP (NOTE 1)
	HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 mm), 2"	4% @ 70 GYR.	OCP (NOTE 1)
TEMPORARY PAVEMENT (US 30)	TEMP PVMT (HMA BINDER IL-19.0 mm), 8" (2 1/4" MIN.)	4% @ 70 GYR.	OCP (NOTE 1)
	HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 mm), 2"	4% @ 70 GYR.	OCP (NOTE 1)
SHOULDER RECONSTRUCTION	HMA SHOULDER (HMA BINDER IL-19.0 mm), 11 1/2" (2 1/4" MIN.)	4% @ 70 GYR.	QC/OA
	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm), 1 1/2"	4% @ 70 GYR.	QC/OA
MULTIUSE PATH	HMA SURFACE COURSE, MIX "D", N50 (IL-9.5 mm), 2"	4% @ 50 GYR.	QC/OA
OMP DESIGNATION	QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (OCP)		

NOTES:

- THE DENSITY FOR THIS MIX WILL BE ASSIGNED 100 PERCENT PAY FACTOR, BE TESTED RANDOMLY AT THE FREQUENCY REQUIRED IN THE HMA-QUALITY CONTROL FOR PERFORMANCE SPECIAL PROVISION, AND SHALL MEET MINIMUM QC/O DENSITY REQUIREMENTS IN ACCORDANCE WITH ART. 1030 OF THE STANDARD SPECIFICATIONS.
- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/SOYD/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
- PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; TYPICALLY 10" THICK.
- QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

EXISTING LEGEND

- ① CRC PAVEMENT 12 1/4"
- ② STABILIZED SUB-BASE 4" (BAM)
- ③ AGGREGATE SUBGRADE 12"
- ④ PCC SHOULDER 12 1/4"
- ⑤ AGGREGATE SHOULDER, TYPE B, 6"
- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
- ⑦ POLYMERIZED BIT. CONC. SURFACE COURSE, MIX E, CLASS I, TYPE I, 1 3/4" (AC: SBS-20 OR SBR-20)
- ⑧ POLYMERIZED BIT. CONC. COURSE, TYPE I, 1 1/2" (AC: SBS-20 OR SBR-20)
- ⑨ BIT. SURFACE AFTER BIT. SURFACE REMOVAL 1 1/2"
- ⑩ CRC PAVEMENT 8"
- ⑪ STABILIZED SUB-BASE (C.A.M., P.A.M., OR B.A.M.) 4"
- ⑫ PAVED SHOULDER (BIT. OVERLAY (DEPTH VAR. 3 3/4" TO 5 1/4" PVER: PCC OR CAM OR PAM OR BAM (DEPTH = 7"))
- ⑬ BIT. CONC. SURFACE COURSE, MIX C, CLASS I, TYPE III, 1 3/4" (AC-10)
- ⑭ BIT. CONC. BINDER COURSE, MIX B, TYPE III, 1 1/2" (AC-10)
- ⑮ PIPE UNDERDRAIN, 6"

PROPOSED LEGEND

- (A) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 13"
- (B) STABILIZED SUB-BASE - HOT-MIX ASPHALT, 4"
- (C) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (D) PORTLAND CEMENT CONCRETE SHOULDERS 13"
- (E) HOT-MIX ASPHALT SHOULDERS, 11 1/2"
- (F) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- (G) AGGREGATE SHOULDER, TYPE B, 6"
- (H) HIGH TENSION CABLE MEDIAN BARRIER
- (I) CONCRETE BARRIER BASE
- (J) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (K) CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT
- (L) SHOULDER RUMBLE STRIP, 16 INCH (AS PER STANDARD 642001)
- (M) TOPSOIL EXCAVATION AND PLACEMENT
- (N) EARTH EXCAVATION
- (O) PIPE UNDERDRAIN, 6"
- (P) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER 12 1/2")

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ENGINEERING CONSULTANT
Clorba Group, Inc.
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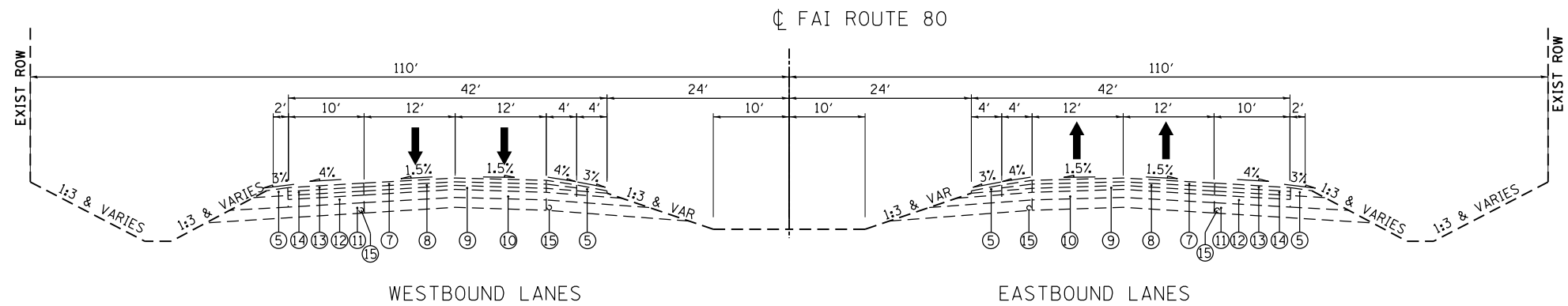
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
I-80 TYPICAL SECTIONS

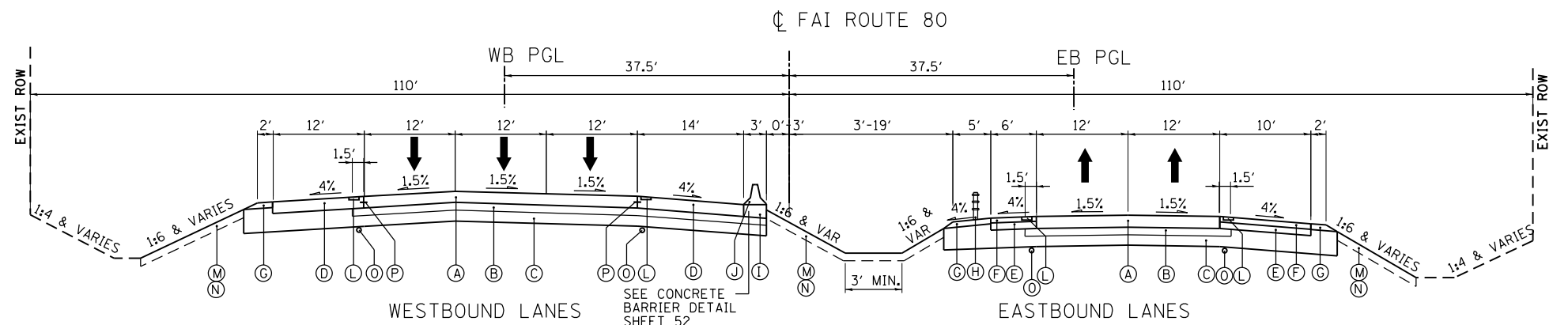
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	41	41
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL CROSS SECTION

FAI ROUTE 80
 STA. 628+33.18 TO STA. 630+52.06 WESTBOUND
 STA. 628+40 TO STA. 630+52.06 EASTBOUND



PROPOSED TYPICAL CROSS SECTION

FAI ROUTE 80
 STA. 628+33.18 TO STA. 630+52.06 WESTBOUND
 STA. 628+40 TO STA. 630+18.16 EASTBOUND

EXISTING LEGEND

- ① CRC PAVEMENT 12 1/4"
- ② STABILIZED SUB-BASE 4" (BAM)
- ③ AGGREGATE SUBGRADE 12"
- ④ PCC SHOULDER 12 1/4"
- ⑤ AGGREGATE SHOULDER, TYPE B, 6"
- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
- ⑦ POLYMERIZED BIT. CONC. SURFACE COURSE, MIX E, CLASS I, TYPE I, 1 3/4" (AC: SBS-20 OR SBR-20)
- ⑧ POLYMERIZED BIT. CONC. COURSE, TYPE I, 1 1/2" (AC: SBS-20 OR SBR-20)
- ⑨ BIT. SURFACE AFTER BIT. SURFACE REMOVAL 1 1/2"
- ⑩ CRC PAVEMENT 8"
- ⑪ STABILIZED SUB-BASE (C.A.M., P.A.M., OR B.A.M.) 4"
- ⑫ PAVED SHOULDER (BIT. OVERLAY (DEPTH VAR. 3 3/4" TO 5 1/4" PVER: PCC OR CAM OR PAM OR BAM (DEPTH = 7"))
- ⑬ BIT. CONC. SURFACE COURSE, MIX C, CLASS I, TYPE III, 1 3/4" (AC-10)
- ⑭ BIT. CONC. BINDER COURSE, MIX B, TYPE III, 1 1/2" (AC-10)
- ⑮ PIPE UNDERDRAIN, 6"

PROPOSED LEGEND

- (A) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 13"
- (B) STABILIZED SUB-BASE - HOT-MIX ASPHALT, 4"
- (C) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (D) PORTLAND CEMENT CONCRETE SHOULDERS 13"
- (E) HOT-MIX ASPHALT SHOULDERS, 11 1/2"
- (F) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- (G) AGGREGATE SHOULDER, TYPE B, 6"
- (H) HIGH TENSION CABLE MEDIAN BARRIER
- (I) CONCRETE BARRIER BASE
- (J) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (K) CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT
- (L) SHOULDER RUMBLE STRIP, 16 INCH (AS PER STANDARD 642001)
- (M) TOPSOIL EXCAVATION AND PLACEMENT
- (N) EARTH EXCAVATION
- (O) PIPE UNDERDRAIN, 6"
- (P) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER 12 1/2")

NOTES:
 -MAXIMUM ROLLOVER FROM SHOULDER TO EDGE OF PAVEMENT IS 8.0%

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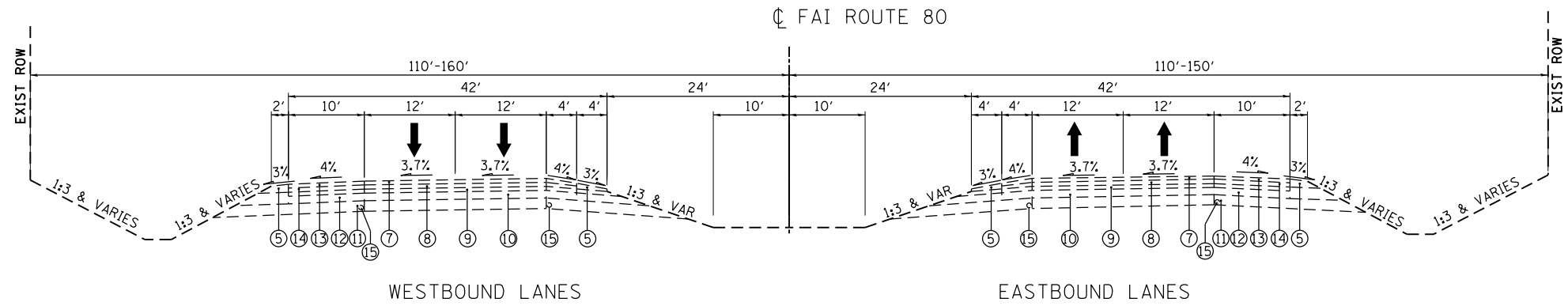
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	PLOT SCALE = 20.00' / 1"	CHECKED -	REVISED -
	PLOT DATE = 6/4/2018	DATE - 01/20/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
 I-80 TYPICAL SECTIONS

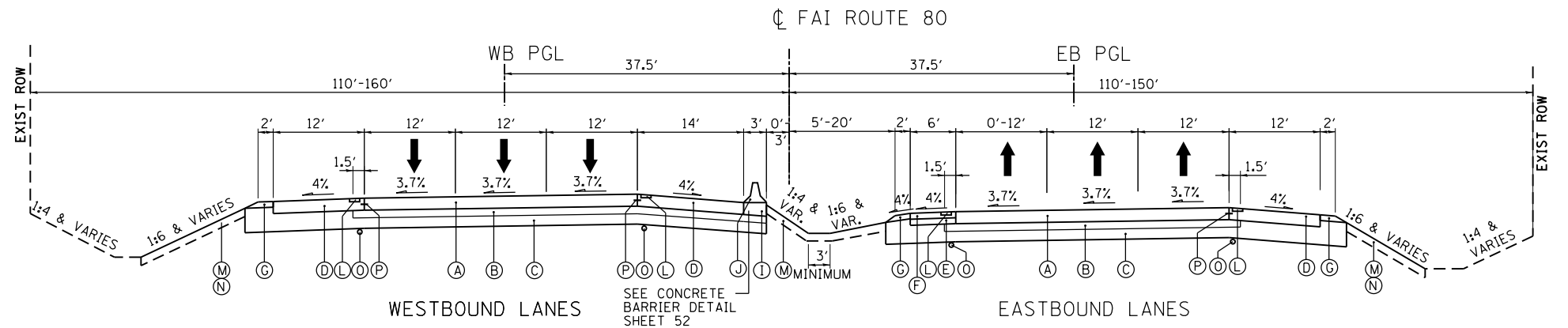
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80 R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	42	42
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL CROSS SECTION

FAI ROUTE 80
STA. 630+52.06 TO STA. 665+00



PROPOSED TYPICAL CROSS SECTION

FAI ROUTE 80
STA. 630+52.06 TO STA. 636+18.08 WESTBOUND
STA. 630+18.16 TO STA. 636+18.08 EASTBOUND

EXISTING LEGEND

- ① CRC PAVEMENT 12 1/4"
- ② STABILIZED SUB-BASE 4" (BAM)
- ③ AGGREGATE SUBGRADE 12"
- ④ PCC SHOULDER 12 1/4"
- ⑤ AGGREGATE SHOULDER, TYPE B, 6"
- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
- ⑦ POLYMERIZED BIT. CONC. SURFACE COURSE, MIX E, CLASS I, TYPE I, 1 3/4" (AC; SBS-20 OR SBR-20)
- ⑧ POLYMERIZED BIT. CONC. COURSE, TYPE I, 1 1/2" (AC; SBS-20 OR SBR-20)
- ⑨ BIT. SURFACE AFTER BIT. SURFACE REMOVAL 1 1/2"
- ⑩ CRC PAVEMENT 8"
- ⑪ STABILIZED SUB-BASE (C.A.M., P.A.M., OR B.A.M.) 4"
- ⑫ PAVED SHOULDER (BIT. OVERLAY (DEPTH VAR. 3 3/4" TO 5 1/4" PVER; PCC OR CAM OR PAM OR BAM (DEPTH = 7"))
- ⑬ BIT. CONC. SURFACE COURSE, MIX C, CLASS I, TYPE III, 1 3/4" (AC-10)
- ⑭ BIT. CONC. BINDER COURSE, MIX B, TYPE III, 1 1/2" (AC-10)
- ⑮ PIPE UNDERDRAIN, 6"

PROPOSED LEGEND

- (A) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 13"
- (B) STABILIZED SUB-BASE - HOT-MIX ASPHALT, 4"
- (C) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (D) PORTLAND CEMENT CONCRETE SHOULDERS 13"
- (E) HOT-MIX ASPHALT SHOULDERS, 11 1/2"
- (F) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- (G) AGGREGATE SHOULDER, TYPE B, 6"
- (H) HIGH TENSION CABLE MEDIAN BARRIER
- (I) CONCRETE BARRIER BASE
- (J) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (K) CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT
- (L) SHOULDER RUMBLE STRIP, 16 INCH (AS PER STANDARD 642001)
- (M) TOPSOIL EXCAVATION AND PLACEMENT
- (N) EARTH EXCAVATION
- (O) PIPE UNDERDRAIN, 6"
- (P) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER 12 1/2")

NOTES:
-MAXIMUM ROLLOVER FROM SHOULDER TO EDGE OF PAVEMENT IS 8.0%

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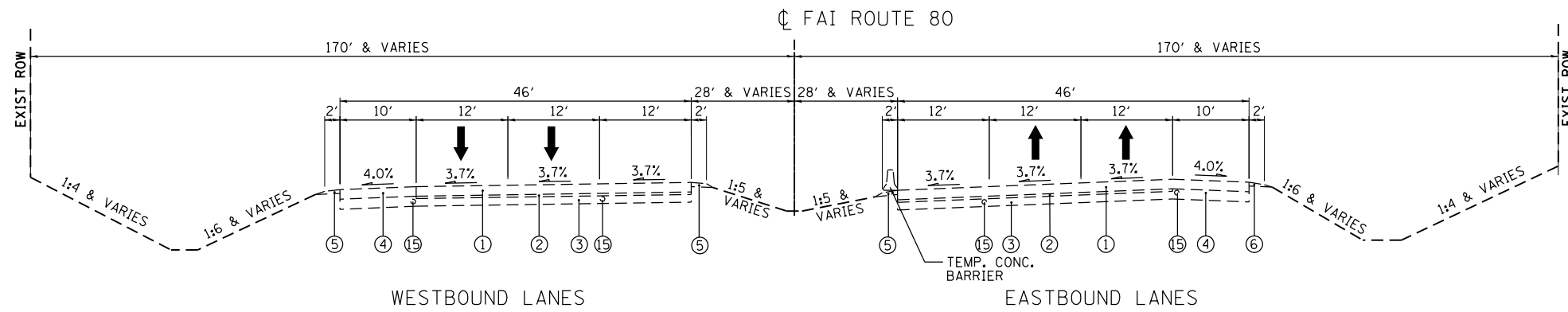
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
I-80 TYPICAL SECTIONS

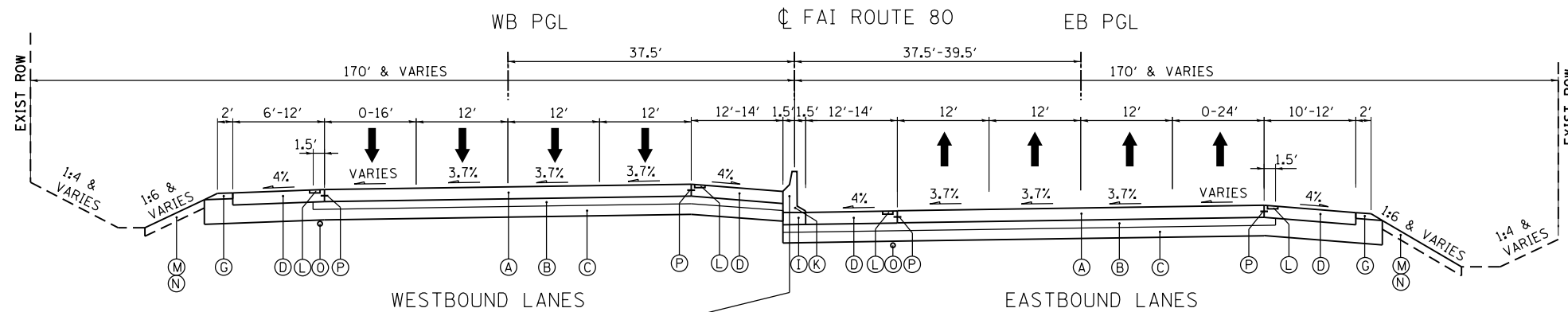
SCALE: SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	43	43
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL CROSS SECTION
FAI ROUTE 80

STA. 665+00 TO STA. 671+69 •
STA. 678+81 TO STA. 681+25.27 BK = 706+89.75 AH
• S.N. 099-0068 & S.N. 099-0069 STA. 671+69 TO 678+81



PROPOSED TYPICAL CROSS SECTION
FAI ROUTE 80

STA. 636+18.08 TO STA. 671+69 •
STA. 678+81 TO STA. 681+25.27 BK = STA. 706+89.75 AH
• S.N. 099-0068 & S.N. 099-0069 STA. 671+64 TO STA. 678+81

EXISTING LEGEND

- ① CRC PAVEMENT 12 1/4"
- ② STABILIZED SUB-BASE 4" (BAM)
- ③ AGGREGATE SUBGRADE 12"
- ④ PCC SHOULDER 12 1/4"
- ⑤ AGGREGATE SHOULDER, TYPE B, 6"
- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
- ⑦ POLYMERIZED BIT. CONC. SURFACE COURSE, MIX E, CLASS I, TYPE I, 1 3/4" (AC: SBS-20 OR SBR-20)
- ⑧ POLYMERIZED BIT. CONC. COURSE, TYPE I, 1 1/2" (AC: SBS-20 OR SBR-20)
- ⑨ BIT. SURFACE AFTER BIT. SURFACE REMOVAL 1 1/2"
- ⑩ CRC PAVEMENT 8"
- ⑪ STABILIZED SUB-BASE (C.A.M., P.A.M., OR B.A.M.) 4"
- ⑫ PAVED SHOULDER (BIT. OVERLAY (DEPTH VAR. 3 3/4" TO 5 1/4" PVER; PCC OR CAM OR PAM OR BAM (DEPTH = 7"))
- ⑬ BIT. CONC. SURFACE COURSE, MIX C, CLASS I, TYPE III, 1 3/4" (AC-10)
- ⑭ BIT. CONC. BINDER COURSE, MIX B, TYPE III, 1 1/2" (AC-10)
- ⑮ PIPE UNDERDRAIN, 6"

PROPOSED LEGEND

- Ⓐ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 13"
- Ⓑ STABILIZED SUB-BASE - HOT-MIX ASPHALT, 4"
- Ⓒ AGGREGATE SUBGRADE IMPROVEMENT 12"
- Ⓓ PORTLAND CEMENT CONCRETE SHOULDERS 13"
- Ⓔ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
- Ⓕ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- Ⓖ AGGREGATE SHOULDER, TYPE B, 6"
- Ⓗ HIGH TENSION CABLE MEDIAN BARRIER
- Ⓘ CONCRETE BARRIER BASE
- Ⓝ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- Ⓚ CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT
- Ⓛ SHOULDER RUMBLE STRIP, 16 INCH (AS PER STANDARD 642001)
- Ⓜ TOPSOIL EXCAVATION AND PLACEMENT
- Ⓝ EARTH EXCAVATION
- Ⓞ PIPE UNDERDRAIN, 6"
- Ⓟ DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER 12 1/2")

NOTES:
-MAXIMUM ROLLOVER FROM SHOULDER TO EDGE OF PAVEMENT IS 8.0%

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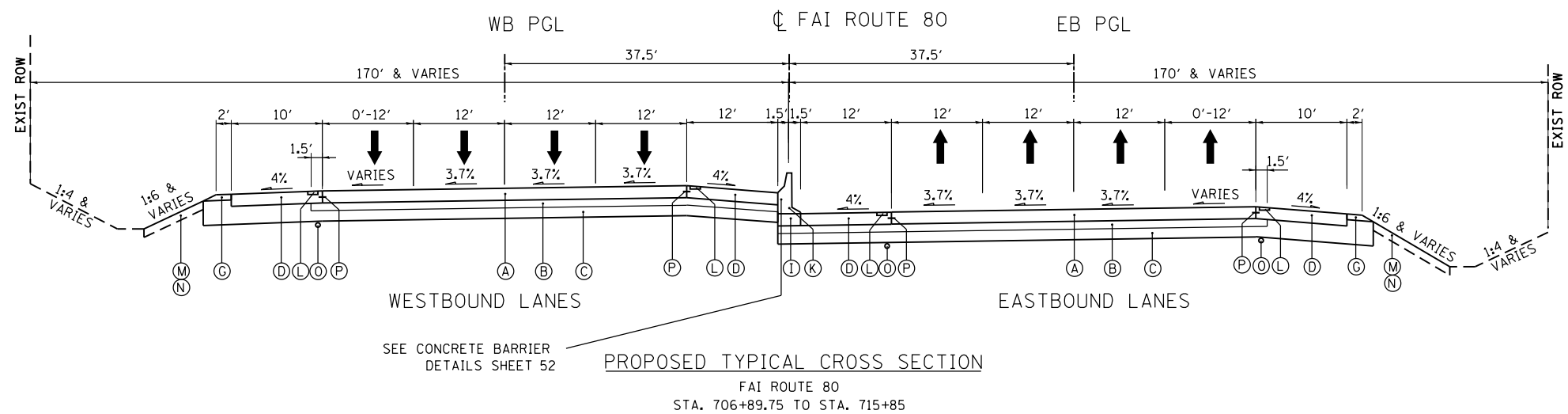
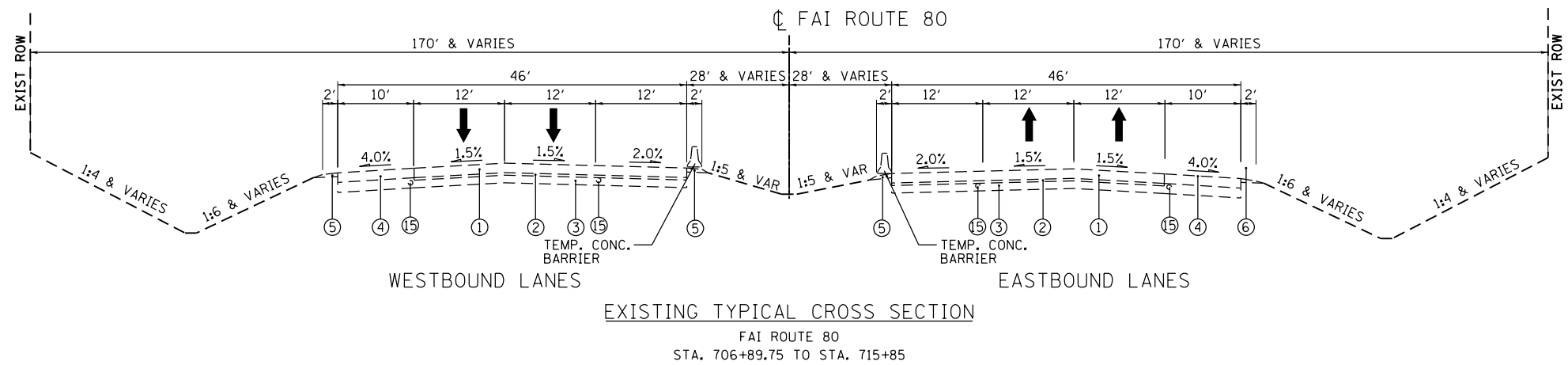
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	DATE - 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
I-80 TYPICAL SECTIONS

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	44	44
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING LEGEND

- ① CRC PAVEMENT 12 1/4"
- ② STABILIZED SUB-BASE 4" (BAM)
- ③ AGGREGATE SUBGRADE 12"
- ④ PCC SHOULDER 12 1/4"
- ⑤ AGGREGATE SHOULDER, TYPE B, 6"
- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
- ⑦ POLYMERIZED BIT. CONC. SURFACE COURSE, MIX E, CLASS I, TYPE I, 1 3/4" (AC: SBS-20 OR SBR-20)
- ⑧ POLYMERIZED BIT. CONC. COURSE, TYPE I, 1 1/2" (AC: SBS-20 OR SBR-20)
- ⑨ BIT. SURFACE AFTER BIT. SURFACE REMOVAL 1 1/2"
- ⑩ CRC PAVEMENT 8"
- ⑪ STABILIZED SUB-BASE (C.A.M., P.A.M., OR B.A.M.) 4"
- ⑫ PAVED SHOULDER (BIT. OVERLAY (DEPTH VAR. 3 3/4" TO 5 1/4" PVER: PCC OR CAM OR PAM OR BAM (DEPTH = 7")
- ⑬ BIT. CONC. SURFACE COURSE, MIX C, CLASS I, TYPE III, 1 3/4" (AC-10)
- ⑭ BIT. CONC. BINDER COURSE, MIX B, TYPE III, 1 1/2" (AC-10)
- ⑮ PIPE UNDERDRAIN, 6"

PROPOSED LEGEND

- Ⓐ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 13"
- Ⓑ STABILIZED SUB-BASE - HOT-MIX ASPHALT, 4"
- Ⓒ AGGREGATE SUBGRADE IMPROVEMENT 12"
- Ⓓ PORTLAND CEMENT CONCRETE SHOULDERS 13"
- Ⓔ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
- Ⓕ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- Ⓖ AGGREGATE SHOULDER, TYPE B, 6"
- Ⓗ HIGH TENSION CABLE MEDIAN BARRIER
- Ⓘ CONCRETE BARRIER BASE
- Ⓝ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- Ⓚ CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT
- Ⓛ SHOULDER RUMBLE STRIP, 16 INCH (AS PER STANDARD 642001)
- Ⓜ TOPSOIL EXCAVATION AND PLACEMENT
- Ⓝ EARTH EXCAVATION
- Ⓞ PIPE UNDERDRAIN, 6"
- Ⓟ DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER 12 1/2")

NOTES:
 -MAXIMUM ROLLOVER FROM SHOULDER TO EDGE OF PAVEMENT IS 8.0%

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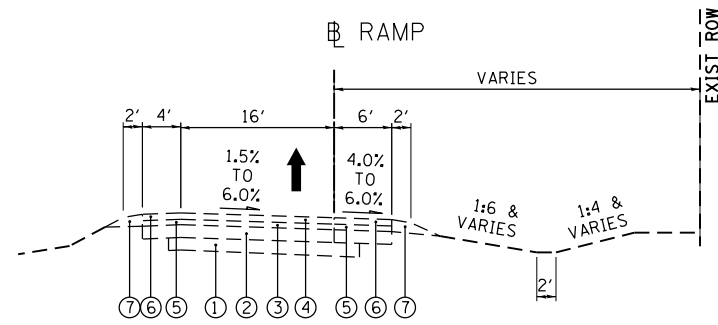
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

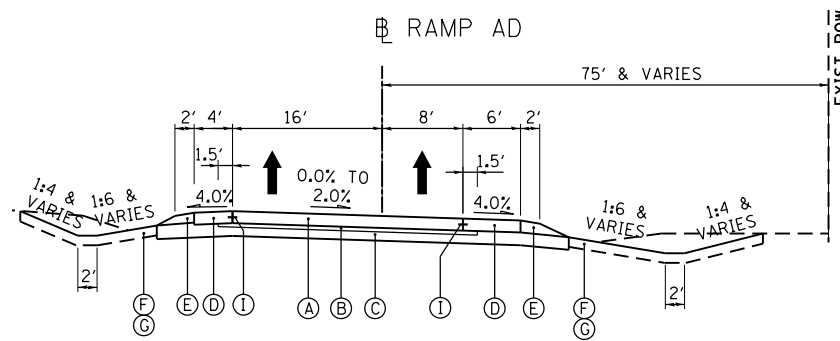
**F.A.I. 80 / US 30 INTERCHANGE
 I-80 TYPICAL SECTIONS**

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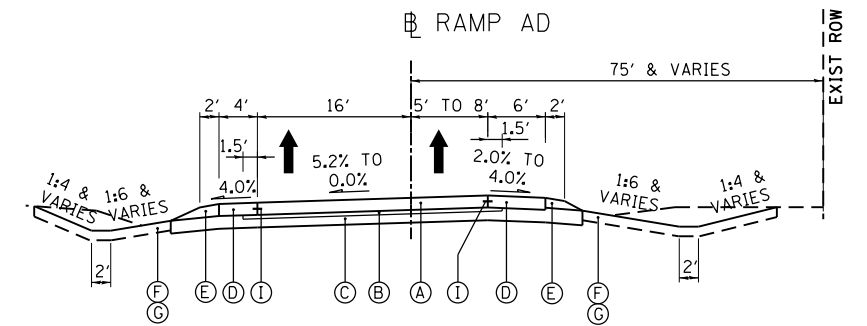
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80	99-4-1VB-1-R	WILL	45	45
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



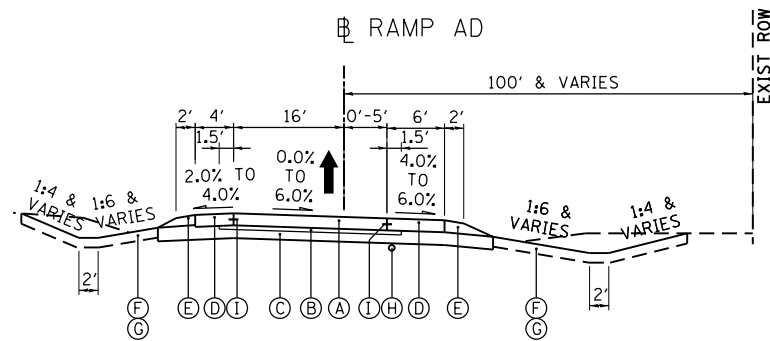
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ALL US 30 RAMPS



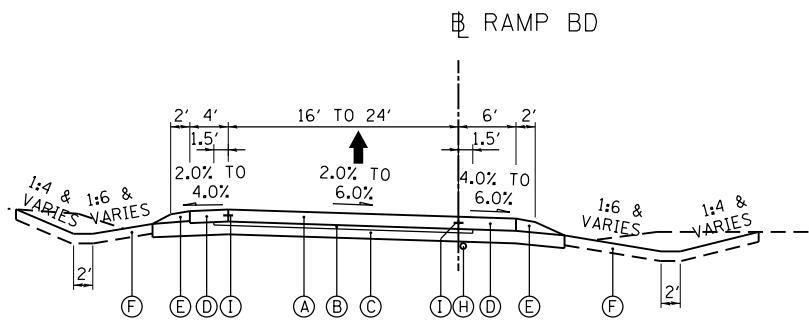
PROPOSED TYPICAL CROSS SECTION
US 30 RAMP AD
STA. 17+35.72 TO STA. 18+81



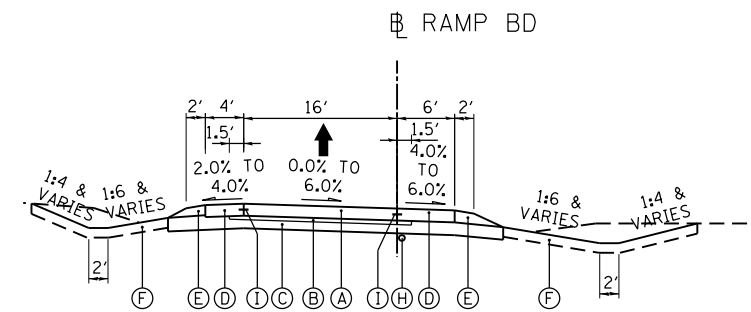
PROPOSED TYPICAL CROSS SECTION
US 30 RAMP AD
STA. 18+81 TO STA. 22+75.19



PROPOSED TYPICAL CROSS SECTION
US 30 RAMP AD
STA. 22+75.19 TO STA. 31+60.13



PROPOSED TYPICAL CROSS SECTION
US 30 RAMP BD
STA. 22+11.66 TO STA. 27+29.69



PROPOSED TYPICAL CROSS SECTION
US 30 RAMP BD
STA. 27+29.69 TO STA. 32+18.21

NOTES:
-MAXIMUM ROLLOVER FROM SHOULDER TO EDGE OF PAVEMENT IS 8.0%

EXISTING LEGEND

- ① SUB-BASE GRANULAR MATERIAL, TYPE A
- ② CONTINUOUSLY REINFORCED CONCRETE PAVEMENT 10"
- ③ BITUMINOUS CONCRETE BINDER CSE., MIX B, TPE I, 1 1/2"
- ④ BITUMINOUS CONCRETE SURFACE CSE., MIX D, CLASS I, TYPE I, 1 3/4"
- ⑤ BITUMINOUS CONCRETE BINDER CSE., MIX B, TYPE III, 1 1/2"
- ⑥ BITUMINOUS CONCRETE SURFACE CSE., MIX C, CLASS I, TYPE III, 1 3/4"
- ⑦ AGGREGATE SHOULDER, TYPE B, 6"

PROPOSED LEGEND

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/2" (JOINTED)
- (B) STABILIZED SUB-BASE - HOT-MIX ASPHALT, 4"
- (C) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (D) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- (E) AGGREGATE SHOULDERS, TYPE B 6"
- (F) TOPSOIL EXCAVATION AND PLACEMENT
- (G) EARTH EXCAVATION
- (H) PIPE UNDERDRAIN, 6"
- (I) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001)
(INCLUDED IN THE COST FOR PROPOSED PCC SHOULDERS 10 1/2")

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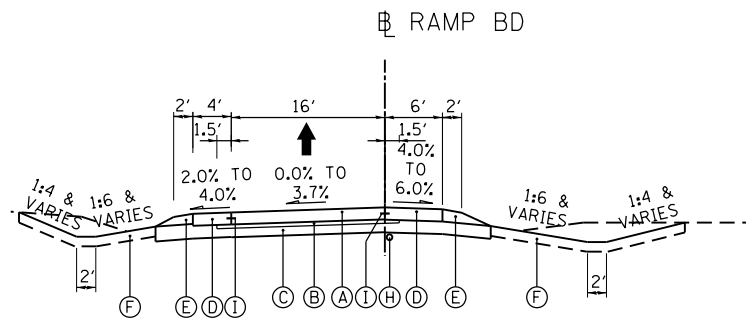
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	DATE - 01/20/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

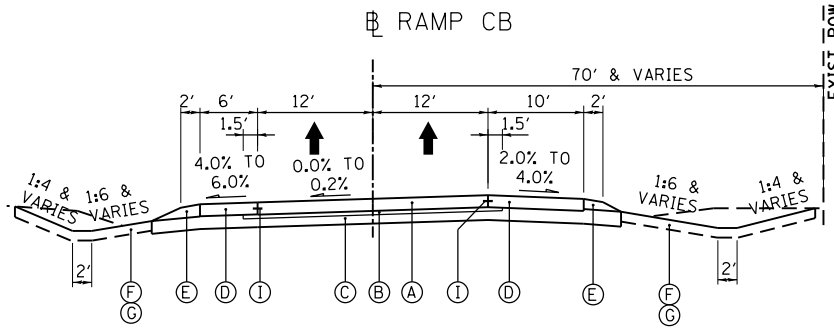
**F.A.I. 80 / US 30 INTERCHANGE
RAMP TYPICAL SECTIONS**

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

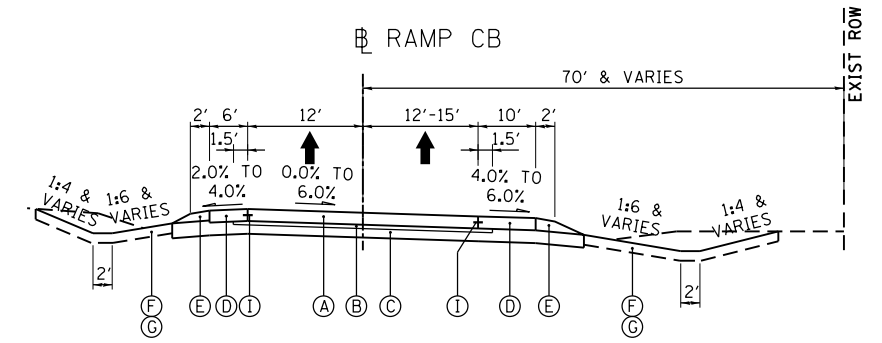
80 R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	46	46
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



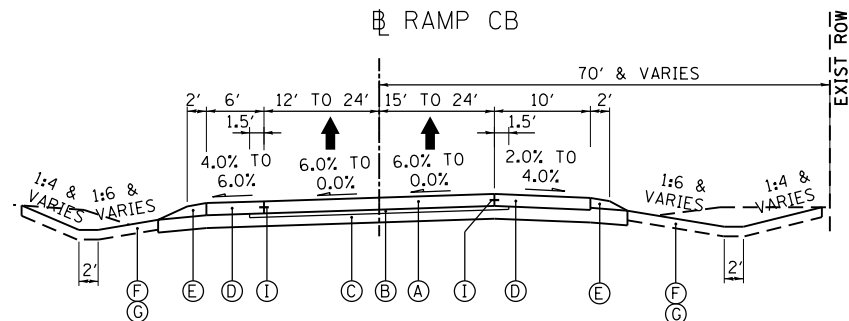
PROPOSED TYPICAL CROSS SECTION
US 30 RAMP BD
STA. 32+18.21 TO STA. 33+00.74



PROPOSED TYPICAL CROSS SECTION
US 30 RAMP CB
STA. 23+47.93 TO STA. 23+54.93

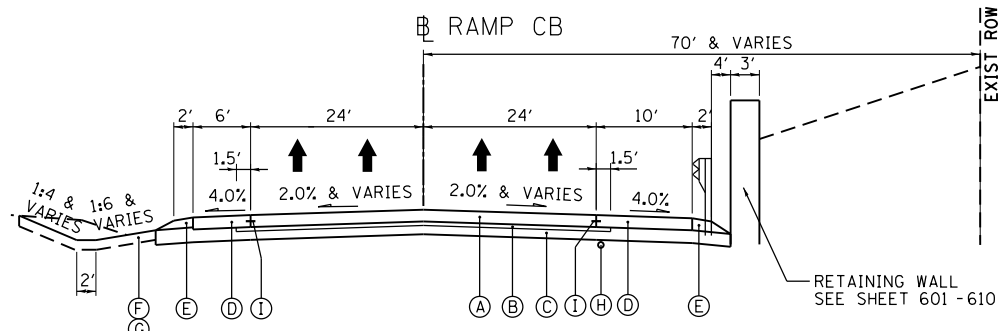


PROPOSED TYPICAL CROSS SECTION
US 30 RAMP CB
STA. 23+54.93 TO STA. 31+30.73



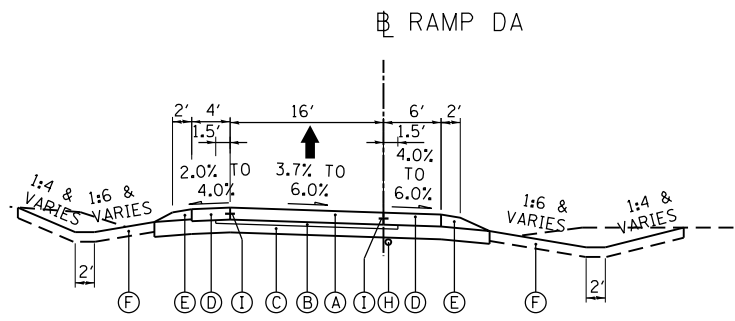
PROPOSED TYPICAL CROSS SECTION
US 30 RAMP CB
STA. 31+30.73 TO STA. 38+21.46

PROPOSED RETAINING WALL
STA. 31+50 TO STA. 38+00

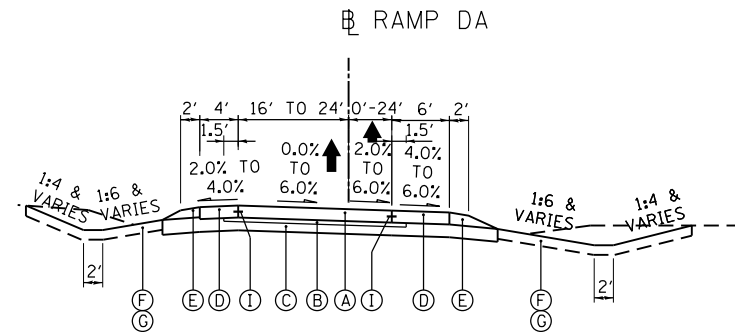


PROPOSED TYPICAL CROSS SECTION
US 30 RAMP CB
STA. 38+21.46 TO STA. 39+41.85

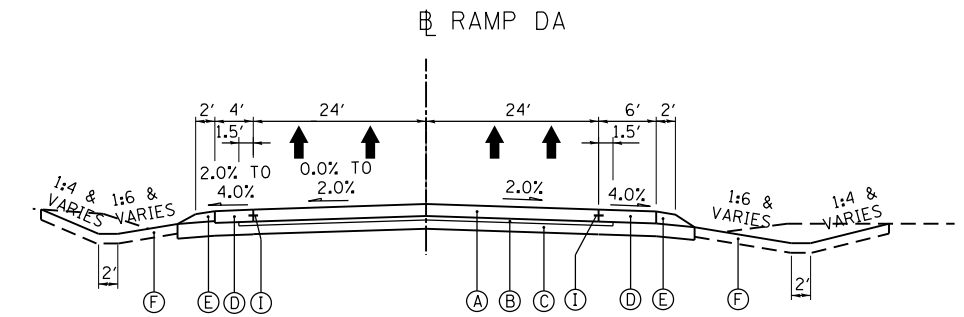
RETAINING WALL
SEE SHEET 601-610
* STA. 31+50 TO STA. 38+00



PROPOSED TYPICAL CROSS SECTION
US 30 RAMP DA
STA. 25+30.44 TO STA. 30+06.62



PROPOSED TYPICAL CROSS SECTION
US 30 RAMP DA
STA. 30+06.62 TO STA. 33+92.11



PROPOSED TYPICAL CROSS SECTION
US 30 RAMP DA
STA. 33+92.11 TO STA. 36+20.82

EXISTING LEGEND

- ① SUB-BASE GRANULAR MATERIAL, TYPE A
- ② CONTINUOUSLY REINFORCED CONCRETE PAVEMENT 10"
- ③ BITUMINOUS CONCRETE BINDER CSE., MIX B, TPE I, 1 3/4"
- ④ BITUMINOUS CONCRETE SURFACE CSE., MIX D, CLASS I, TYPE I, 1 3/4"
- ⑤ BITUMINOUS CONCRETE BINDER CSE., MIX B, TYPE III, 1 1/2"
- ⑥ BITUMINOUS CONCRETE SURFACE CSE., MIX C, CLASS I, TYPE III, 1 3/4"
- ⑦ AGGREGATE SHOULDER, TYPE B, 6"

PROPOSED LEGEND

- Ⓐ PORTLAND CEMENT PAVEMENT, 10 1/2" (JOINTED)
- Ⓑ STABILIZED SUB-BASE - HOT-MIX ASPHALT, 4"
- Ⓒ AGGREGATE SUBGRADE IMPROVEMENT 12"
- Ⓓ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- Ⓔ AGGREGATE SHOULDERS, TYPE B 6"
- Ⓕ TOPSOIL EXCAVATION AND PLACEMENT
- Ⓖ EARTH EXCAVATION
- Ⓗ PIPE UNDERDRAIN, 6"
- Ⓘ DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001)
(INCLUDED IN THE COST FOR PROPOSED PCC SHOULDERS 10 1/2")

NOTES:

-MAXIMUM ROLLOVER FROM SHOULDER TO EDGE OF PAVEMENT IS 8.0%

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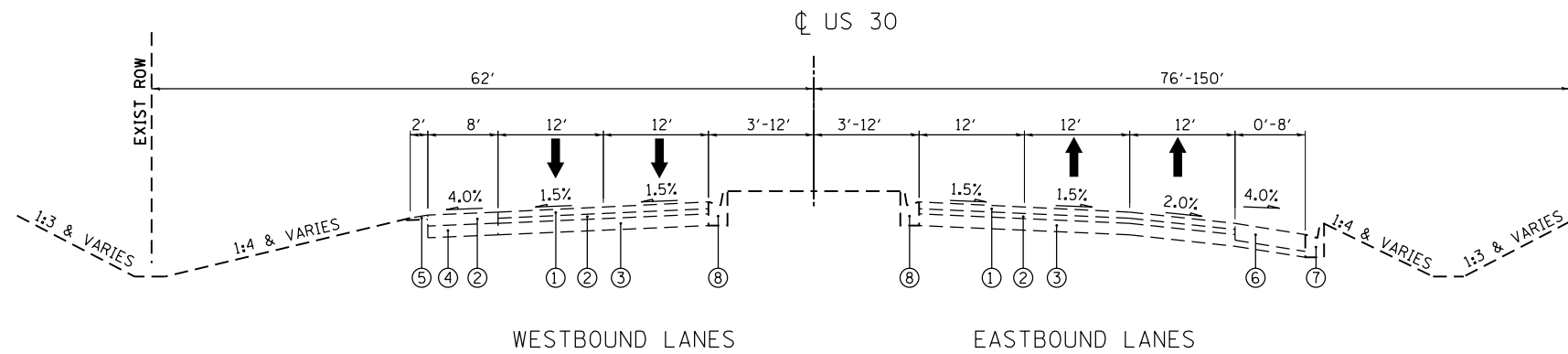
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
RAMP TYPICAL SECTIONS**

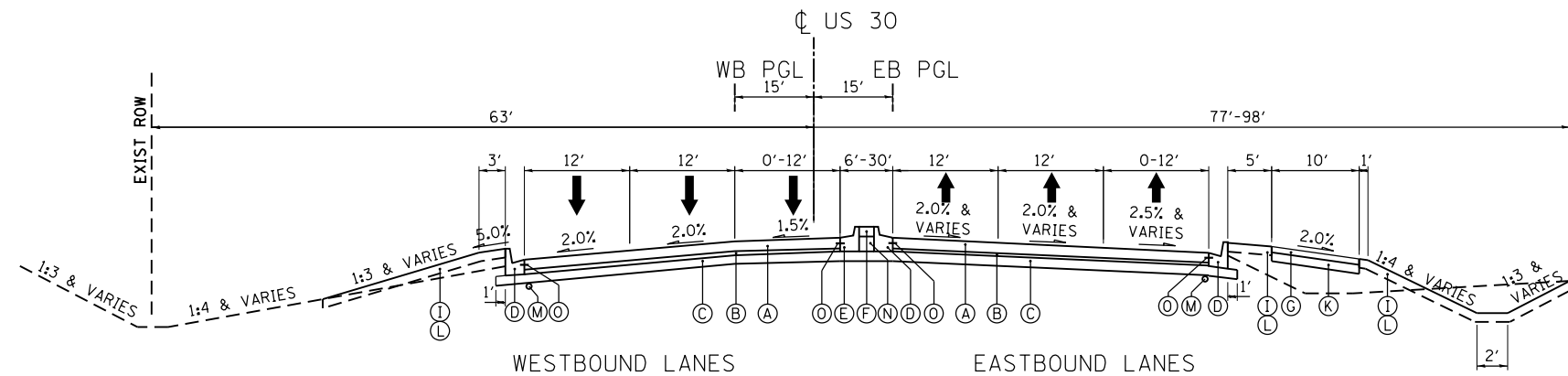
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CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL CROSS SECTION

US 30
STA. 301+79 TO STA. 330+91



PROPOSED TYPICAL CROSS SECTION

US 30
STA. 301+79 TO STA. 307+43

EXISTING LEGEND

- ① BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE D, CLASS I, 2"
- ② BITUMINOUS BINDER COURSE, 5"
- ③ CONCRETE PAVEMENT
- ④ BITUMINOUS SHOULDER
- ⑤ AGGREGATE SHOULDER, TYPE B
- ⑥ BITUMINOUS SHOULDER, TYPE B
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

PROPOSED LEGEND

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/2" (JOINTED)
- (B) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (C) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (F) CONCRETE MEDIAN SURFACE, 4 INCH
- (G) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (I) TOPSOIL EXCAVATION AND PLACEMENT
- (J) AGGREGATE SHOULDERS, TYPE B 6"
- (K) SUBBASE GRANULAR MATERIAL, TYPE B 6"
- (L) EARTH EXCAVATION
- (M) PIPE UNDERDRAIN, 6"
- (N) SUBBASE GRANULAR MATERIAL, TYPE B
- (O) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001)
(INCLUDED IN THE COST FOR PROPOSED CONCRETE CURB AND GUTTER)

US 30

STRUCTURAL DESIGN TRAFFIC:	Year 2030
PV = 46,501	SU = 1,372 MU = 1,127
ROAD/STREET CLASSIFICATION:	Class I
P = 32	S = 45 M = 45
TRAFFIC FACTOR:	Actual TF = 8.88 Minimum TF = 5.02
SUBGRADE SUPPORT RATING	
SSR = POOR (Sta. 301+79 to 330+91)	

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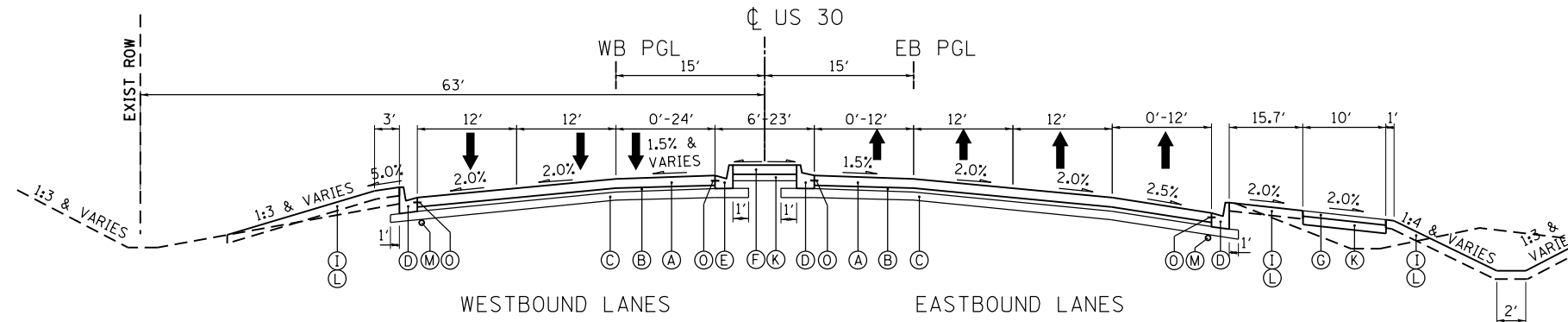
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
US 30 TYPICAL SECTIONS**

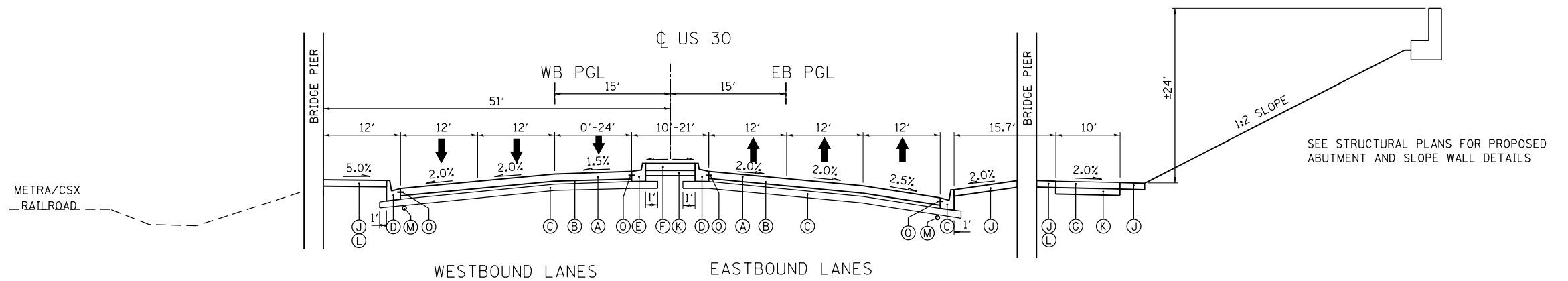
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CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL CROSS SECTION

US 30
 STA. 307+43 TO STA. 314+16
 STA. 315+70 TO STA. 319+28



PROPOSED TYPICAL CROSS SECTION

US 30
 STA. 314+16 TO STA. 315+70

EXISTING LEGEND

- ① BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE D, CLASS 1, 2"
- ② BITUMINOUS BINDER COURSE, 5"
- ③ CONCRETE PAVEMENT
- ④ BITUMINOUS SHOULDER
- ⑤ AGGREGATE SHOULDER, TYPE B
- ⑥ BITUMINOUS SHOULDER, TYPE B
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

PROPOSED LEGEND

- Ⓐ PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/2" (JOINTED)
- Ⓑ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- Ⓒ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- Ⓓ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- Ⓔ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- Ⓕ CONCRETE MEDIAN SURFACE, 4 INCH
- Ⓖ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- Ⓗ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- Ⓘ TOPSOIL EXCAVATION AND PLACEMENT
- Ⓝ AGGREGATE SHOULDERS, TYPE B 6"
- Ⓚ SUBBASE GRANULAR MATERIAL, TYPE B 6"
- Ⓛ EARTH EXCAVATION
- Ⓜ PIPE UNDERDRAIN, 6"
- Ⓝ SUBBASE GRANULAR MATERIAL, TYPE B
- Ⓞ DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001)
 (INCLUDED IN THE COST FOR PROPOSED CONCRETE CURB AND GUTTER)

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 PLOT DATE = 6/4/2018

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 DATE - 01/20/2018

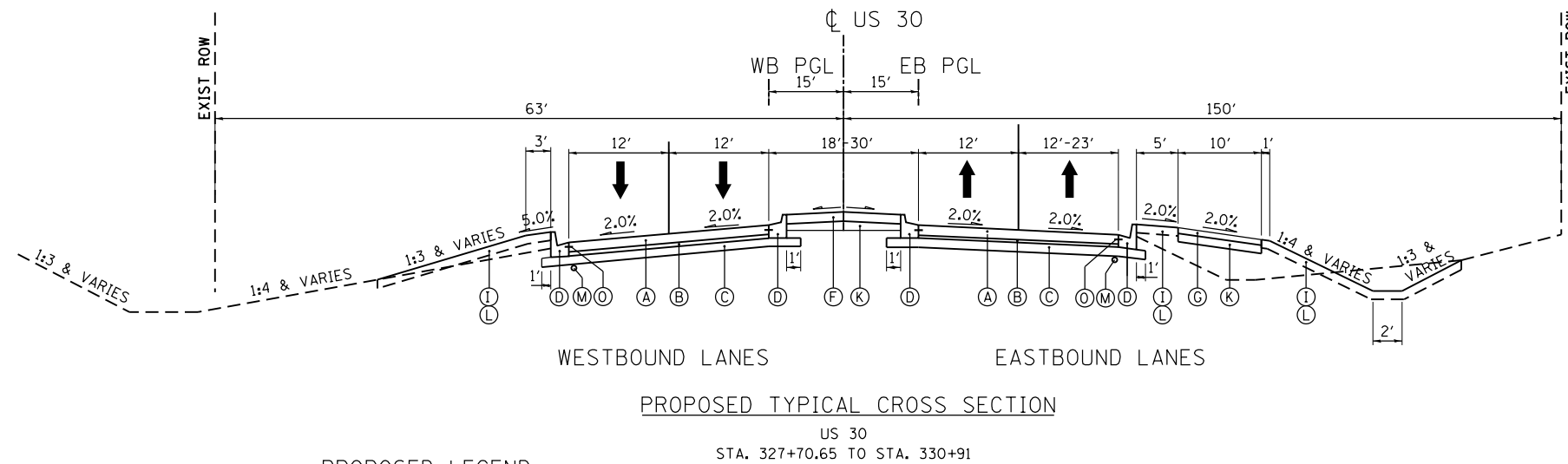
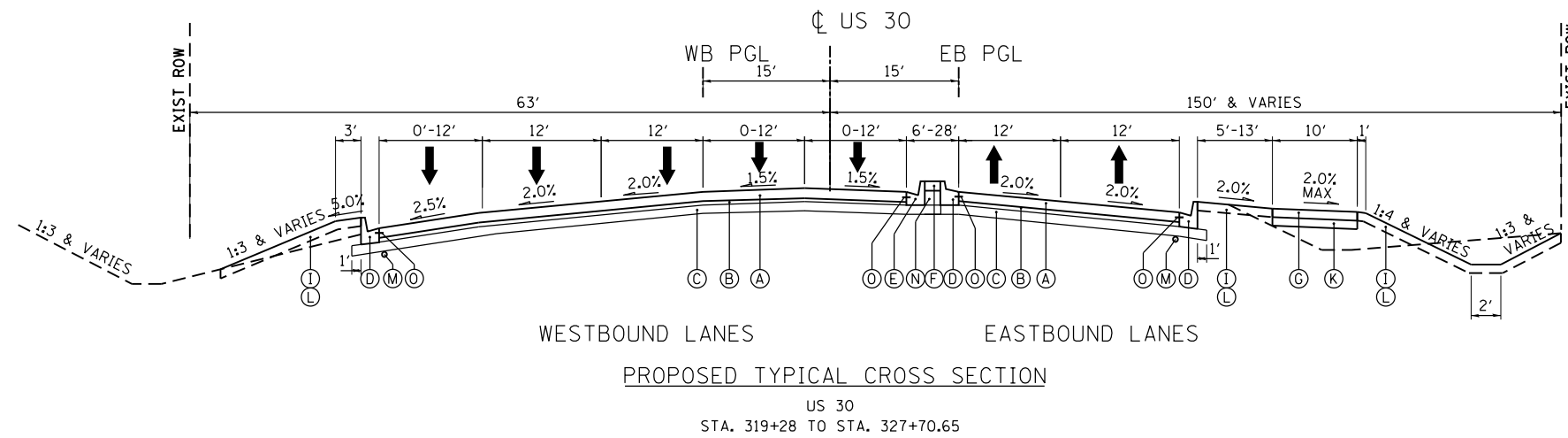
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
 US 30 TYPICAL SECTIONS**

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

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	49	49
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING LEGEND

- ① BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE D, CLASS I, 2"
- ② BITUMINOUS BINDER COURSE, 5"
- ③ CONCRETE PAVEMENT
- ④ BITUMINOUS SHOULDER
- ⑤ AGGREGATE SHOULDER, TYPE B
- ⑥ BITUMINOUS SHOULDER, TYPE B
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

PROPOSED LEGEND

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/2" (JOINTED)
- (B) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (C) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (F) CONCRETE MEDIAN SURFACE, 4 INCH
- (G) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (I) TOPSOIL EXCAVATION AND PLACEMENT
- (J) AGGREGATE SHOULDERS, TYPE B 6"
- (K) SUBBASE GRANULAR MATERIAL, TYPE B 6"
- (L) EARTH EXCAVATION
- (M) PIPE UNDERDRAIN, 6"
- (N) SUBBASE GRANULAR MATERIAL, TYPE B
- (O) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001)
(INCLUDED IN THE COST FOR PROPOSED CONCRETE CURB AND GUTTER)

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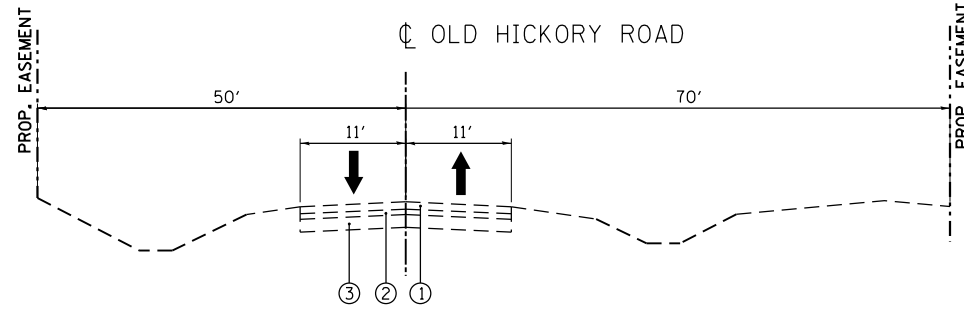
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
US 30 TYPICAL SECTIONS**

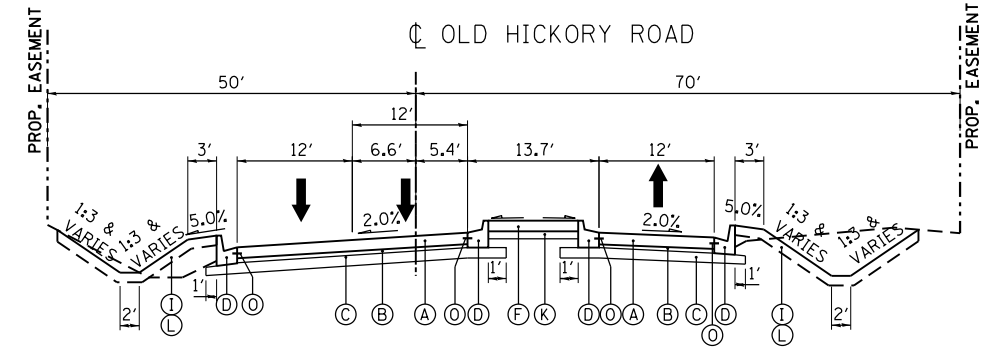
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80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	50	50
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



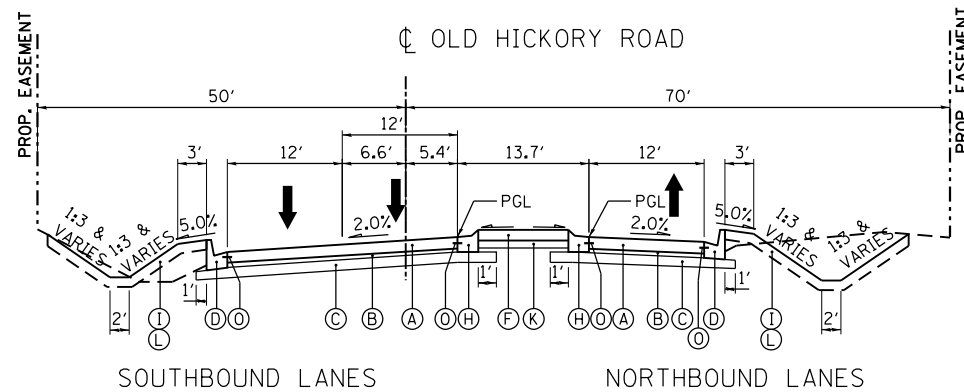
EXISTING TYPICAL CROSS SECTION

OLD HICKORY ROAD
STA. 300+84 TO STA. 303+46



PROPOSED TYPICAL CROSS SECTION

OLD HICKORY ROAD
STA. 301+97 TO STA. 303+46



PROPOSED TYPICAL CROSS SECTION

OLD HICKORY ROAD
STA. 300+57 TO STA. 301+97

EXISTING LEGEND

- ① BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE D, CLASS I, 2"
- ② BITUMINOUS BINDER COURSE, 5"
- ③ CONCRETE PAVEMENT
- ④ BITUMINOUS SHOULDER
- ⑤ AGGREGATE SHOULDER, TYPE B
- ⑥ BITUMINOUS SHOULDER, TYPE B
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

PROPOSED LEGEND

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/2" (JOINTED)
- (B) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (C) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (F) CONCRETE MEDIAN SURFACE, 4 INCH
- (G) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (I) TOPSOIL EXCAVATION AND PLACEMENT
- (J) AGGREGATE SHOULDERS, TYPE B 6"
- (K) SUBBASE GRANULAR MATERIAL, TYPE B 6"
- (L) EARTH EXCAVATION
- (M) PIPE UNDERDRAIN, 6"
- (N) SUBBASE GRANULAR MATERIAL, TYPE B
- (O) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001)
(INCLUDED IN THE COST FOR PROPOSED CONCRETE CURB AND GUTTER)

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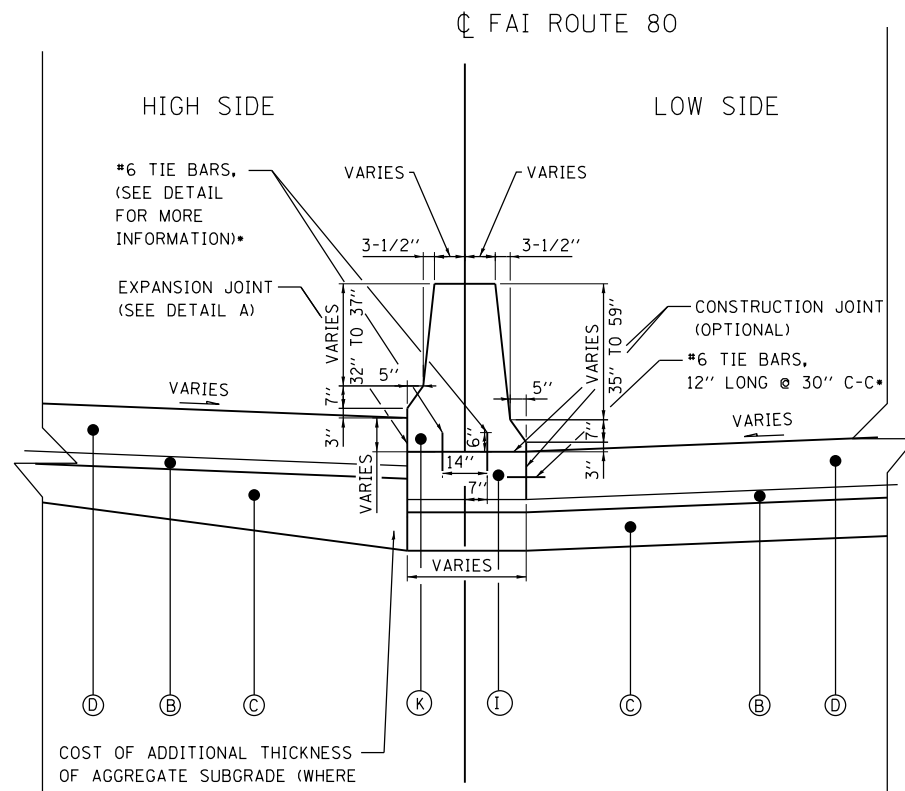
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
OLD HICKORY ROAD TYPICAL SECTIONS

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

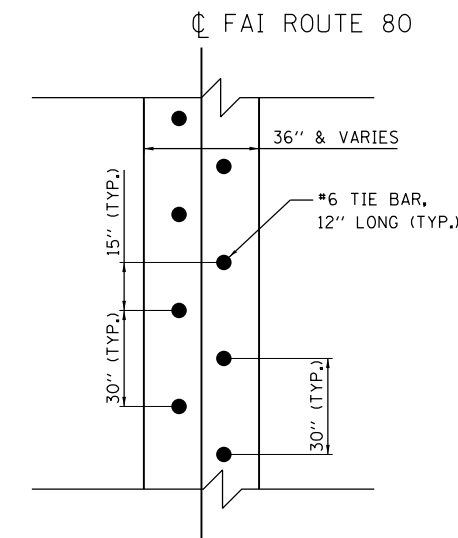
SCALE: SHEET NO. OF SHEETS STA. TO STA.



COST OF ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE (WHERE NEEDED) SHALL BE INCLUDED IN THE CONTRACT PRICE FOR AGGREGATE SUBGRADE IMPROVEMENT, 12"

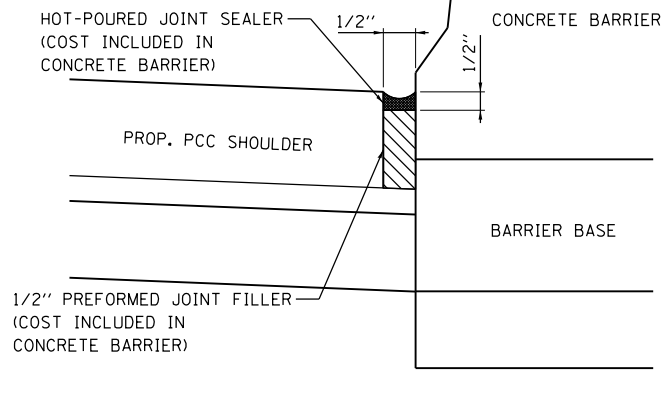
MEDIAN DETAIL

FAI ROUTE 80
 CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT
 STA. 636+18.08 TO STA. 671+69
 STA. 678+81 TO STA. 681+05
 STA. 708+36 TO STA. 712+18

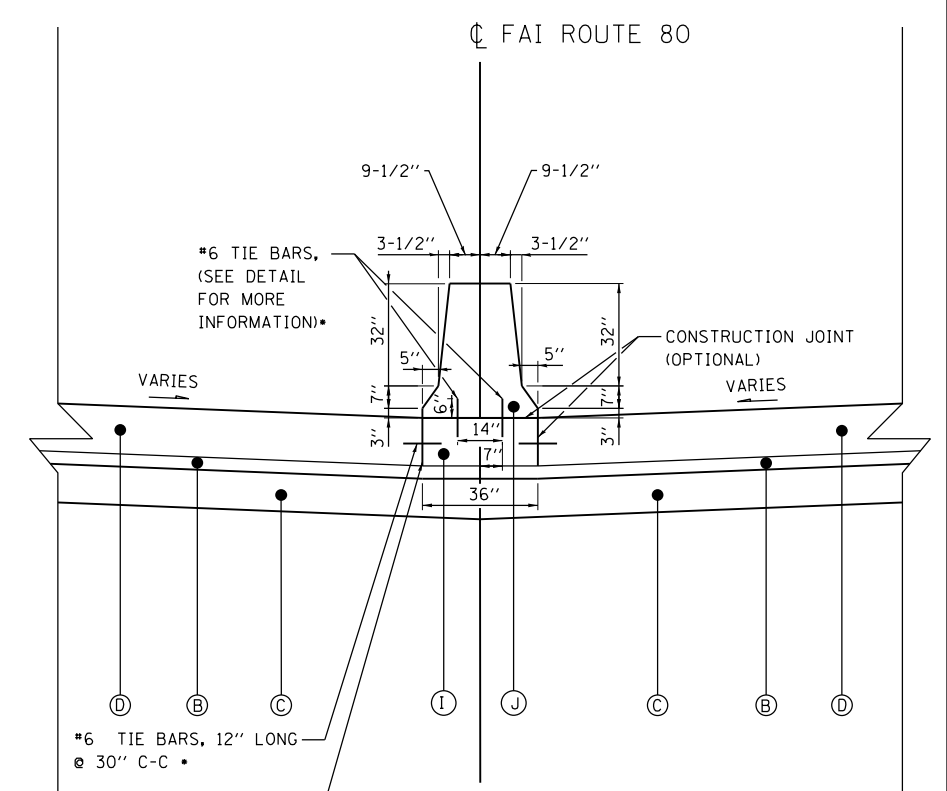


TIE BAR SPACING DETAIL
 FAI ROUTE 80
 BARRIER BASE PLAN VIEW

* TIE BARS ARE ONLY REQUIRED WITH OPTIONAL CONSTRUCTION JOINT. ALL TIE BARS SHALL BE EPOXY COATED AND WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER BASE.



DETAIL A



MEDIAN DETAIL

FAI ROUTE 80
 CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 STA. 681+05 TO STA. 681+25.27
 STA. 706+89.75 TO STA. 708+36
 STA. 712+18 TO STA. 715+86

MEDIAN CONCRETE BARRIER

STA.	TO	STA.	CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT	CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT
628+33	TO	636+18	785	
636+18	TO	671+69		3551
678+81	TO	681+05		225
681+05	TO	708+36	167	
708+36	TO	712+18		382
712+18	TO	715+86	368	
TOTAL			1320	4158

OUTSIDE SHOULDER CONCRETE BARRIER

STA.	TO	STA.	CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
679+00	TO	681+25.27	225
706+89.75	TO	710+58	368
TOTAL			593

PROPOSED LEGEND

- (A) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 12 1/2"
- (B) STABILIZED SUB-BASE - HOT-MIX ASPHALT, 4 1/2"
- (C) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (D) PORTLAND CEMENT CONCRETE SHOULDERS 12 1/2"
- (E) HOT-MIX ASPHALT SHOULDERS, 10 3/4"
- (F) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- (G) AGGREGATE SHOULDER, TYPE B, 6"
- (H) CABLE ROAD GUARD, SINGLE STRAND
- (I) CONCRETE BARRIER BASE
- (J) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (K) CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT
- (L) SHOULDER RUMBLE STRIP, 16 INCH (AS PER STANDARD 642001)
- (M) TOPSOIL EXCAVATION AND PLACEMENT
- (N) EARTH EXCAVATION
- (O) PIPE UNDERDRAIN, 6"
- (P) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER 12 1/2")

NOTES:

- THE VARIABLE CROSS-SECTION SHALL BE USED WHEN THERE IS A DIFFERENCE IN ELEVATION BETWEEN THE TWO SIDES OF THE BARRIER. THE BARRIER WILL BE PAID FOR AS CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT WHEN THE VARIATION EXCEEDS 3". THE BARRIER WILL BE PAID FOR AS CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT WHEN THE VARIATION IS EQUAL TO OR LESS THAN 3".
- CONTRACTION JOINTS SHALL BE SPACED AS DESCRIBED IN THE SPECIFICATIONS AND SHALL BE CONSTRUCTED IN THE CONCRETE BARRIER WALL AND IN THE CONCRETE BARRIER BASE.
- WHEN ELECTRICAL CONDUITS ARE CONSTRUCTED, THEY SHALL BE LOCATED IN THE EARTH BELOW THE BARRIER BASE.
- FOR ADDITIONAL CONCRETE BARRIER DETAILS, SEE STANDARD 637006.
- THE CONCRETE BARRIER BASE MUST BE POURED LEVEL. THE BASE SHALL NOT FOLLOW THE ADJACENT SHOULDER SLOPE.

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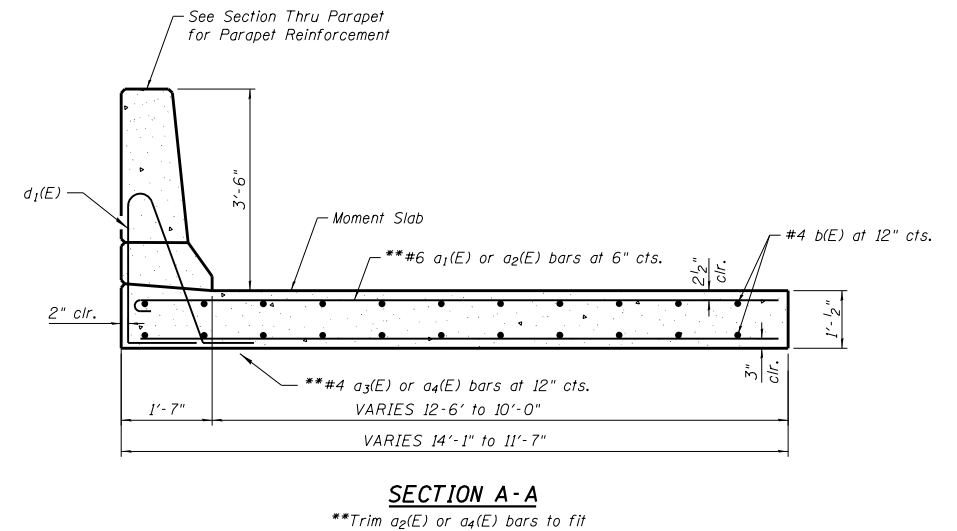
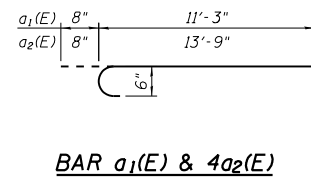
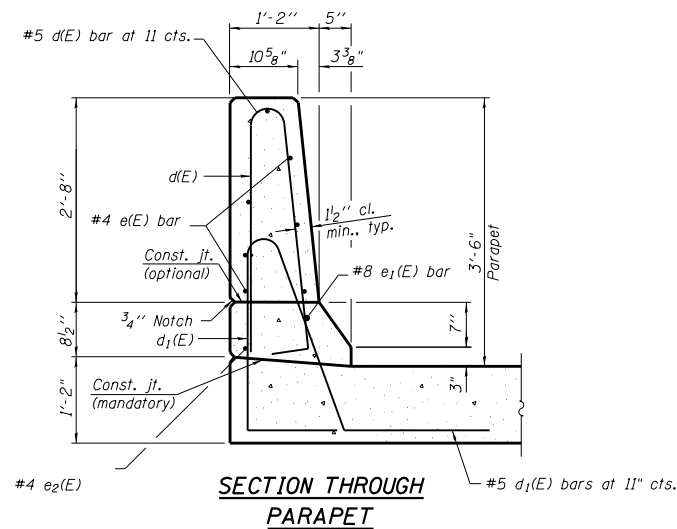
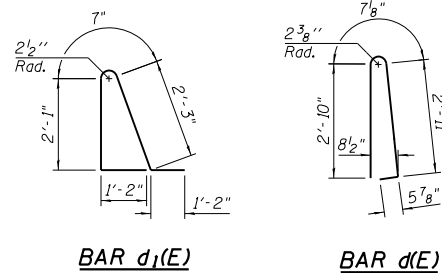
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PLOT SCALE = 20.00' / in.	DRAWN -	REVISED -
PLOT DATE = 5/9/2018	CHECKED -	REVISED -
	DATE - 05/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 /US 30 INTERCHANGE
CONCRETE BARRIER DETAILS

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

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	52
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

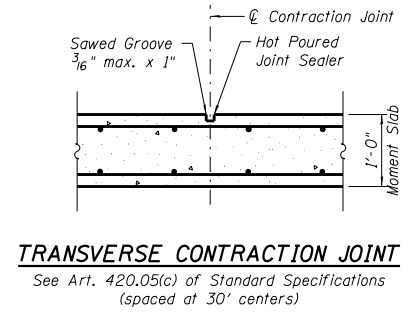
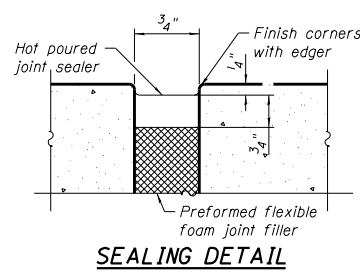
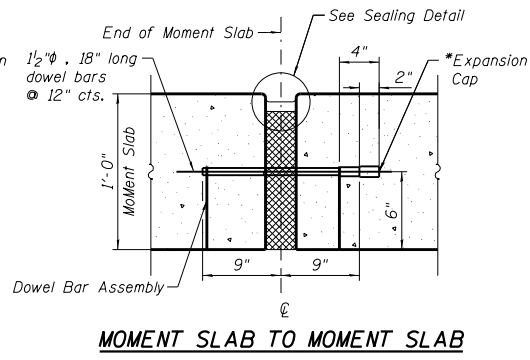
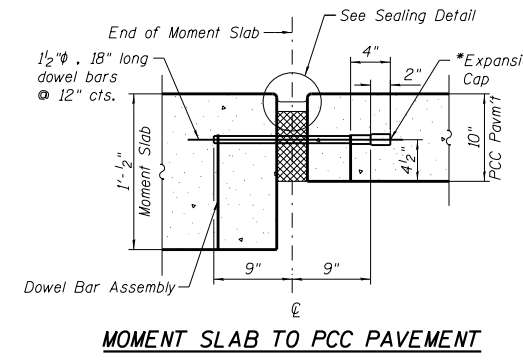


Min Barlap

#4 bars = 2'-11"
#8 bars = 6'-4"

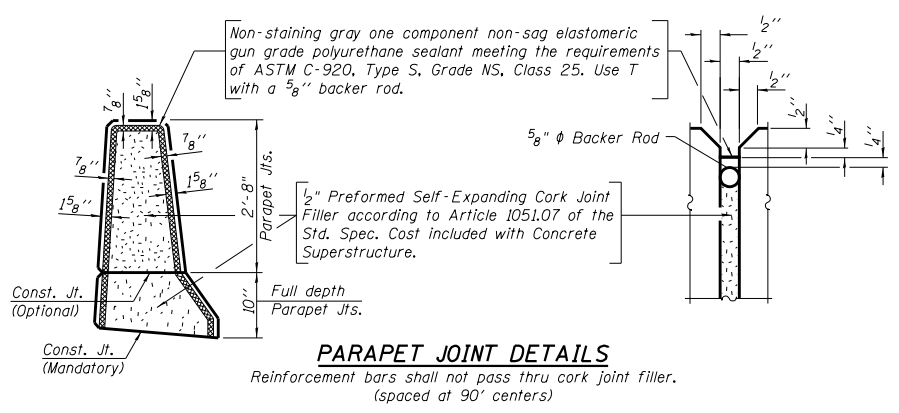
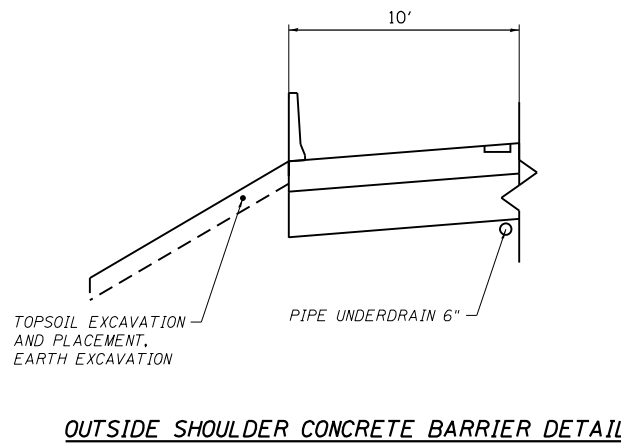
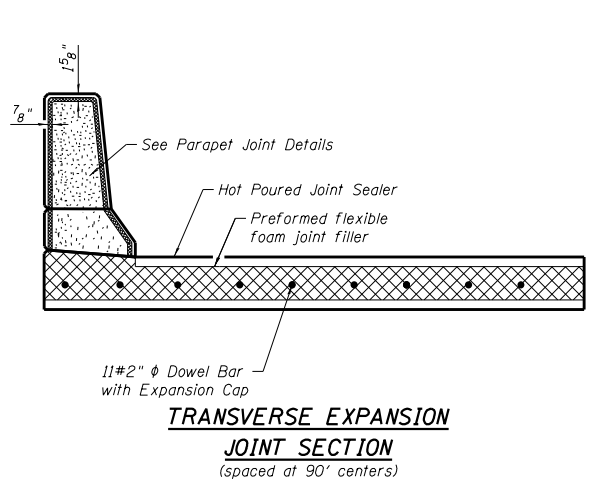
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	200	# 6	11'-11"	⎓
a2(E)	200	# 6	14'-5"	⎓
a3(E)	200	# 4	11'-3"	⎓
a4(E)	200	# 4	13'-9"	⎓
b (E)	488	# 4	31'-10"	⎓
d(E)	656	# 5	6'-10"	⎓
d1(E)	656	# 5	7'-3"	⎓
e (E)	140	# 4	28'-8"	⎓
e1(E)	20	# 8	34'-2"	⎓
e2(E)	20	# 4	31'-10"	⎓
Concrete Superstructure			Cu. Yd.	404.4
Reinforcement Bars, Epoxy Coated			Pound	36,195



NOTE:
Joints in adjacent pavement shall be in-line with the moment slab joints.

Expansion Joint and Dowel Bars included in the cost of Concrete Superstructure.
* Expansion caps shall be installed on the exposed end of each dowel bar once the header has been removed and the joint filler material has been installed. (spaced at 90' centers)



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ENGINEERING CONSULTANT
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Email: cllt@clorba.com

USER NAME = espino	DESIGNED - EPS	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - NGT	REVISED -
PLOT DATE = 5/9/2018	CHECKED - DJO	REVISED -
	DATE - 05/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
CONCRETE BARRIER DETAILS

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	53
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

F.A.I. ROUTE 80
CONCRETE SUPERSTRUCTURES
REINFORCEMENT BARS, EPOXY COATED
STA. 679+00 TO STA. 710+58
* STA. 681+25.27 BK = STA. 706+89.75

STATION			PRE-STAGE						
			20200100		20201200				
			EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL PLACEMENT	ROCK EXCAVATION
I-80 TEMPORARY WIDENING			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
617+00.00	TO	618+00.00	8.7	7.4	45.4	25.7	-18.3	10.9	0.0
618+00.00	TO	619+00.00	10.4	8.8	47.8	26.3	-17.5	11.1	0.0
619+00.00	TO	620+00.00	9.3	7.9	51.3	34.4	-26.6	13.3	0.0
620+00.00	TO	621+00.00	6.5	5.5	59.1	54.8	-49.3	16.7	0.0
621+00.00	TO	622+00.00	8.3	7.1	59.3	64.3	-57.2	16.7	0.0
622+00.00	TO	623+00.00	9.4	8.0	57.2	65.9	-57.9	15.7	0.0
623+00.00	TO	624+00.00	9.4	8.0	60.2	66.1	-58.1	15.7	0.0
624+00.00	TO	625+00.00	10.2	8.7	63.9	64.4	-55.8	17.2	0.0
625+00.00	TO	626+00.00	9.4	8.0	67.4	70.7	-62.7	20.0	0.0
626+00.00	TO	627+00.00	8.7	7.4	71.7	67.0	-59.6	22.0	0.0
627+00.00	TO	628+00.00	7.4	6.3	46.7	31.5	-25.2	14.1	0.0
628+00.00	TO	629+00.00	8.0	6.8	10.7	3.5	3.3	3.0	0.0
629+00.00	TO	631+00.00	15.9	13.5	46.7	35.6	-22.0	16.3	0.0
631+00.00	TO	632+00.00	7.2	6.1	46.5	40.4	-34.2	14.4	0.0
632+00.00	TO	633+00.00	10.0	8.5	52.2	43.3	-34.8	14.3	0.0
633+00.00	TO	634+00.00	14.4	12.3	55.9	29.1	-16.8	15.4	0.0
634+00.00	TO	635+00.00	16.1	13.7	47.0	13.9	-0.2	12.6	0.0
635+00.00	TO	636+00.00	16.7	14.2	38.1	9.1	5.1	8.7	0.0
636+00.00	TO	637+00.00	16.1	13.7	34.3	7.2	6.5	7.0	0.0
637+00.00	TO	638+00.00	12.6	10.7	28.0	7.0	3.7	4.8	0.0
638+00.00	TO	639+00.00	8.9	7.6	28.5	11.1	-3.6	6.3	0.0
640+00.00	TO	641+00.00	10.9	9.3	22.6	10.6	-1.3	7.0	0.0
641+00.00	TO	642+00.00	5.7	4.9	18.9	6.9	-2.0	5.7	0.0
642+00.00	TO	643+00.00	5.7	4.9	14.3	3.3	1.5	5.0	0.0
643+00.00	TO	644+00.00	6.5	5.5	20.0	5.0	0.5	3.0	0.0
644+00.00	TO	645+00.00	7.6	6.5	26.1	4.8	1.6	4.8	0.0
645+00.00	TO	646+00.00	8.7	7.4	20.2	2.0	5.4	7.6	0.0
646+00.00	TO	647+00.00	5.9	5.0	15.4	3.3	1.7	4.4	0.0
647+00.00	TO	648+00.00	5.2	4.4	15.6	4.1	0.3	3.5	0.0
648+00.00	TO	649+00.00	7.4	6.3	15.4	3.3	3.0	3.9	0.0
649+00.00	TO	650+00.00	8.5	7.2	23.3	5.2	2.1	2.4	0.0
650+00.00	TO	651+00.00	8.9	7.6	34.8	7.2	0.3	5.9	0.0
651+00.00	TO	652+00.00	8.3	7.1	32.6	6.9	0.2	10.9	0.0
652+00.00	TO	653+00.00	6.3	5.4	16.3	3.3	2.0	9.8	0.0
653+00.00	TO	654+00.00	4.6	3.9	10.9	3.0	1.0	3.7	0.0
654+00.00	TO	661+00.00	60.9	51.8	46.7	15.6	36.2	2.0	0.0
661+00.00	TO	662+00.00	12.8	10.9	0.0	0.0	10.9	16.9	0.0
662+00.00	TO	663+00.00	8.5	7.2	8.1	3.1	4.1	1.5	0.0
663+00.00	TO	664+00.00	11.1	9.4	8.1	3.3	6.1	2.8	0.0
664+00.00	TO	665+00.00	13.1	11.2	5.6	0.2	11.0	3.3	0.0
665+00.00	TO	666+00.00	8.7	7.4	11.9	0.4	7.0	1.1	0.0
666+00.00	TO	667+00.00	8.5	7.2	11.7	0.4	6.9	0.4	0.0
667+00.00	TO	668+00.00	7.0	6.0	9.3	0.2	5.8	0.4	0.0
668+00.00	TO	669+00.00	5.0	4.3	6.7	0.2	4.1	0.2	0.0
BRIDGE									
711+00.00	TO	712+00.00	5.4	4.6	12.0	2.6	2.0	0.0	0.0
712+00.00	TO	713+00.00	7.6	6.5	15.2	2.4	4.0	1.9	0.0
713+00.00	TO	714+00.00	8.9	7.6	25.9	9.4	-1.9	1.5	0.0
714+00.00	TO	715+00.00	8.9	7.6	35.6	16.9	-9.3	5.0	0.0
715+00.00	TO	716+00.00	8.5	7.2	49.8	32.4	-25.2	8.5	0.0
716+00.00	TO	717+00.00	10.9	9.3	52.6	31.9	-22.6	13.5	0.0
717+00.00	TO	718+00.00	12.0	10.2	21.3	8.3	1.9	14.1	0.0
718+00.00	TO	719+00.00	10.4	8.8	0.0	0.0	8.8	6.3	0.0
719+00.00	TO	720+00.00	10.2	8.7	0.0	0.0	8.7	1.7	0.0
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ENGINEERING CONSULTANT

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 8007 North Cumberland Avenue, Suite 402
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USER NAME = j.tanaseo	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/9/2018	CHECKED -	REVISED -
	DATE - 05/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
ROADWAY SCHEDULES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	54
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

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STATION	STAGE IIA							STAGE IIB								
	20200100	20201200	20201200	20200200	20200100	20201200	20200200	20200100	20201200	20201200	20200200	20200100	20201200	20200200		
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL PLACEMENT	ROCK EXCAVATION	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL PLACEMENT	ROCK EXCAVATION		
RAMP AD																
16+50.00	TO	17+00.00	0.0	0.0	0.0	0.0	0.0	19.6	16.7	6.4	0.0	16.7	0.6	38.1		
17+00.00	TO	18+00.00	0.0	0.0	0.0	0.0	0.0	24.4	20.8	21.3	0.0	20.8	1.1	91.9		
18+00.00	TO	19+00.00	0.0	0.0	0.0	0.0	0.0	27.0	23.0	16.7	1.7	21.3	4.4	44.8		
19+00.00	TO	20+00.00	0.0	0.0	0.0	0.0	0.0	15.4	13.1	16.7	14.6	-1.6	12.2	13.3		
20+00.00	TO	21+00.00	0.0	0.0	0.0	0.0	0.0	6.9	5.8	18.5	23.7	-17.9	20.6	0.2		
21+00.00	TO	22+00.00	0.0	0.0	0.0	0.0	0.0	14.1	12.0	23.1	18.7	-6.7	23.1	2.2		
22+00.00	TO	23+00.00	0.0	0.0	0.0	0.0	0.0	114.6	97.4	51.1	82.6	14.8	68.7	2.2		
23+00.00	TO	24+00.00	0.0	0.0	0.0	0.0	0.0	445.2	378.4	94.1	373.1	5.3	137.6	0.0		
24+00.00	TO	25+00.00	0.0	0.0	0.0	0.0	0.0	708.9	602.6	116.3	654.3	-51.7	169.1	0.0		
25+00.00	TO	26+00.00	0.0	0.0	0.0	0.0	0.0	643.7	547.1	95.6	355.7	191.4	137.0	0.0		
26+00.00	TO	27+00.00	0.0	0.0	0.0	0.0	0.0	313.7	266.6	46.1	0.0	266.6	56.3	0.0		
27+00.00	TO	28+00.00	0.0	0.0	0.0	0.0	0.0	38.3	32.6	10.7	0.0	32.6	8.0	0.0		
RAMP CB																
26+00.00	TO	27+00.00	35.9	30.5	0.0	14.3	16.3	2.0	3.5	11.1	9.4	0.0	6.1	3.3	2.4	42.8
27+00.00	TO	28+00.00	36.3	30.9	0.0	9.8	21.0	0.0	2.4	26.1	22.2	18.1	6.7	15.5	6.5	91.7
28+00.00	TO	29+00.00	37.0	31.5	0.0	1.1	30.4	0.0	10.0	46.1	39.2	35.7	1.1	38.1	5.7	104.4
29+00.00	TO	30+00.00	21.9	18.6	0.0	0.0	18.6	0.0	30.2	47.0	40.0	31.9	1.3	38.7	1.7	119.3
30+00.00	TO	31+00.00	16.3	13.9	0.0	0.0	13.9	0.0	40.6	40.7	34.6	22.2	1.3	33.3	0.6	122.6
31+00.00	TO	32+00.00	10.2	8.7	0.0	0.0	8.7	0.0	48.3	24.8	21.1	9.3	2.2	18.9	0.6	128.9
32+00.00	TO	33+00.00	0.9	0.8	0.0	0.0	0.8	0.0	58.3	0.0	0.0	1.3	16.9	-16.9	0.0	97.6
33+00.00	TO	34+00.00	0.7	0.6	0.0	0.9	-0.3	0.0	31.3	0.0	0.0	0.0	23.3	-23.3	0.0	44.1
34+00.00	TO	35+00.00	36.3	30.9	0.0	13.5	17.3	0.0	16.9	5.2	4.4	0.0	17.6	-13.2	5.2	16.5
35+00.00	TO	36+00.00	119.1	101.2	17.8	24.8	76.4	0.0	13.5	7.0	6.0	0.0	13.5	-7.5	6.9	0.0
36+00.00	TO	37+00.00	135.0	114.8	36.3	21.5	93.3	0.0	0.0	1.9	1.6	4.1	10.6	-9.0	3.1	0.0
37+00.00	TO	38+00.00	137.6	117.0	37.2	22.8	94.2	0.0	0.0	0.0	9.3	16.9	9.3	-16.9	3.9	0.0
38+00.00	TO	39+00.00	112.0	95.2	28.3	13.5	81.7	0.0	0.0	42.0	35.7	8.9	15.6	20.2	15.0	0.0
39+00.00	TO	39+50.00	13.0	11.0	4.8	0.0	11.0	0.0	21.0	17.9	1.9	2.6	15.3	6.3	0.0	0.0
RAMP BD																
21+00.00	TO	22+00.00	187.2	159.1	45.6	20.4	138.8	29.3	0.0	13.5	11.5	0.0	0.0	11.5	0.0	0.0
22+00.00	TO	23+00.00	102.8	87.4	51.3	115.9	-28.6	41.3	0.0	20.2	17.2	0.0	0.0	17.2	0.0	0.0
23+00.00	TO	24+00.00	35.2	29.9	80.7	195.0	-165.1	55.9	2.6	8.1	6.9	0.0	0.0	6.9	0.0	0.0
24+00.00	TO	25+00.00	27.0	23.0	86.3	202.2	-179.2	64.1	8.9	4.8	4.1	0.0	0.0	4.1	0.0	0.0
25+00.00	TO	26+00.00	41.1	34.9	73.0	201.3	-166.4	68.1	22.8	4.6	3.9	0.0	0.4	3.6	0.0	0.0
26+00.00	TO	27+00.00	73.5	62.5	70.2	153.1	-90.7	69.1	34.6	1.3	1.1	0.0	0.4	0.7	0.0	0.0
27+00.00	TO	28+00.00	103.9	88.3	38.5	60.9	27.4	45.6	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28+00.00	TO	29+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29+00.00	TO	30+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30+00.00	TO	31+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RAMP DA																
26+00.00	TO	27+00.00	128.9	109.6	21.3	0.9	108.6	8.3	21.3	0.0	22.0	18.7	5.7	16.9	3.5	0.0
27+00.00	TO	28+00.00	120.6	102.5	41.1	1.9	100.6	26.7	0.0	49.1	41.7	21.1	0.0	41.7	12.8	0.0
28+00.00	TO	29+00.00	73.7	62.6	36.9	2.6	60.1	36.7	0.2	77.6	66.0	32.0	0.0	66.0	20.9	0.0
29+00.00	TO	30+00.00	49.4	42.0	22.4	1.7	40.4	24.3	14.8	93.5	79.5	44.6	0.0	79.5	29.8	0.0
30+00.00	TO	31+00.00	34.6	29.4	18.5	2.8	26.7	8.7	35.6	73.0	62.0	46.1	1.5	60.5	25.2	2.0
31+00.00	TO	32+00.00	54.3	46.1	50.6	5.7	40.4	15.2	64.1	25.4	21.6	22.0	18.5	3.0	12.6	2.0
32+00.00	TO	33+00.00	388.0	329.8	124.4	3.3	326.4	34.3	102.0	7.2	6.1	7.6	32.4	-26.3	13.3	0.0
33+00.00	TO	34+00.00	622.6	529.2	164.1	0.6	528.6	40.0	114.3	11.7	9.9	17.2	30.4	-20.5	12.4	0.0
34+00.00	TO	35+00.00	459.8	390.8	144.4	0.7	390.1	29.3	162.0	10.2	8.7	18.0	15.0	-6.3	11.1	16.7
35+00.00	TO	36+00.00	246.3	209.4	103.9	0.7	208.6	18.9	184.1	7.0	6.0	16.5	0.0	6.0	5.7	41.5
36+00.00	TO	36+50.00	31.1	26.4	22.2	1.2	25.2	5.4	39.0	2.9	2.4	6.0	0.0	2.4	0.0	12.4
SUBTOTALS			3492.2	2968.4	1319.8	1093.2	1875.1	623.0	1058.1	3077.0	2615.5	896.1	1760.4	855.1	843.9	1035.1

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USER NAME = jattanaseo	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/9/2018	CHECKED -	REVISED -
	DATE - 05/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
ROADWAY SCHEDULES

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	58
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATION	STAGE IIIA							STAGE IIIB									
	20200100		20201200				20200200	20200100		20201200				20200200			
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL PLACEMENT	ROCK EXCAVATION	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL PLACEMENT	ROCK EXCAVATION			
US 30	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)			
293+00.00	TO	294+00.00	4.8	4.1	10.0	1.9	2.2	1.7	0.0	10.9	9.3	79.6	0.0	9.3	0.0	0.0	
294+00.00	TO	295+00.00	4.8	4.1	10.0	1.9	2.2	1.7	0.0	5.4	4.6	41.3	0.0	4.6	0.0	0.0	
295+00.00	TO	296+00.00	5.4	4.6	27.2	48.3	-43.8	5.9	0.0	2.0	1.7	12.8	0.0	1.7	0.0	0.0	
296+00.00	TO	297+00.00	6.9	5.8	55.0	121.1	-115.3	12.6	0.0	3.9	3.3	25.9	0.0	3.3	0.0	0.0	
297+00.00	TO	298+00.00	2.0	1.7	55.7	151.3	-149.6	13.3	0.0	6.5	5.5	47.6	0.0	5.5	0.0	0.0	
298+00.00	TO	300+00.00	1.1	0.9	55.9	157.0	-156.1	13.3	0.0	9.3	7.9	68.9	0.0	7.9	0.0	0.0	
300+00.00	TO	301+00.00	44.3	37.6	26.7	0.2	37.4	3.3	0.0	1.5	1.3	11.9	0.0	1.3	0.0	0.0	
301+00.00	TO	302+00.00	52.4	44.5	50.9	30.4	14.2	4.1	0.0	3.1	2.7	22.2	0.0	2.7	0.0	0.0	
302+00.00	TO	303+00.00	10.4	8.8	50.0	108.3	-99.5	2.8	0.0	3.3	2.8	22.6	0.0	2.8	0.0	0.0	
303+00.00	TO	304+00.00	5.0	4.3	49.3	126.3	-122.0	3.5	0.0	3.1	2.7	24.4	0.0	2.7	0.0	0.0	
304+00.00	TO	305+00.00	89.4	76.0	76.3	72.4	3.6	22.2	0.0	4.1	3.5	32.0	0.0	3.5	0.0	0.0	
305+00.00	TO	306+00.00	100.6	85.5	72.4	30.0	55.5	25.0	0.0	6.7	5.7	51.1	0.0	5.7	0.0	0.0	
306+00.00	TO	307+00.00	15.7	13.4	23.9	6.3	7.1	5.4	0.0	9.4	8.0	69.8	0.0	8.0	0.0	0.0	
307+00.00	TO	309+00.00	3.7	3.1	8.5	1.1	2.0	2.2	0.0	10.7	9.1	77.0	0.0	9.1	0.0	0.0	
309+00.00	TO	310+00.00	45.6	38.7	46.1	55.7	-17.0	18.9	0.0	55.7	1.9	1.6	12.8	0.0	1.6	0.0	0.0
310+00.00	TO	311+00.00	103.3	87.8	97.2	120.0	-32.2	40.4	0.0	3.7	3.1	25.6	0.0	3.1	0.0	0.0	
311+00.00	TO	312+00.00	133.0	113.0	107.6	134.1	-21.1	45.7	0.0	5.2	4.4	36.7	0.0	4.4	0.0	0.0	
312+00.00	TO	313+00.00	117.2	99.6	108.3	147.8	-48.1	45.4	0.0	8.7	7.4	64.3	0.0	7.4	0.0	0.0	
313+00.00	TO	314+00.00	1456.9	1238.3	60.9	78.0	1160.4	75.9	0.0	10.9	9.3	79.4	0.0	9.3	0.0	0.0	
314+00.00	TO	315+00.00	1508.5	1282.2	18.0	0.0	1282.2	59.1	0.0	11.1	9.4	79.3	0.0	9.4	0.0	0.0	
315+00.00	TO	316+00.00	263.9	224.3	85.2	57.0	167.3	37.4	0.0	11.1	9.4	79.6	0.0	9.4	0.0	0.0	
316+00.00	TO	317+00.00	188.1	159.9	117.2	111.3	48.6	52.8	0.0	11.1	9.4	80.4	0.0	9.4	0.0	0.0	
317+00.00	TO	318+00.00	29.6	25.2	55.0	55.0	-29.8	21.5	0.0	10.9	9.3	68.3	0.0	9.3	0.0	0.0	
318+00.00	TO	319+00.00	17.0	14.5	20.4	0.9	13.6	2.6	0.0	10.9	9.3	67.4	0.0	9.3	0.0	0.0	
319+00.00	TO	321+00.00	10.7	9.1	12.6	0.4	8.8	1.5	0.0	11.1	9.4	80.0	0.0	9.4	0.0	0.0	
321+00.00	TO	322+00.00	5.7	4.9	21.5	12.0	-7.2	4.1	0.0	1.7	1.4	12.8	0.0	1.4	0.0	0.0	
322+00.00	TO	323+00.00	33.5	28.5	58.7	53.3	-24.8	17.6	0.0	4.3	3.6	30.6	0.0	3.6	0.0	0.0	
323+00.00	TO	324+00.00	68.5	58.2	74.8	79.1	-20.8	27.0	0.0	8.0	6.8	55.6	0.0	6.8	0.0	0.0	
324+00.00	TO	325+00.00	55.6	47.2	70.6	63.1	-15.9	24.3	0.0	10.9	9.3	79.3	0.0	9.3	0.0	0.0	
325+00.00	TO	326+00.00	31.7	26.9	66.3	53.0	-26.0	21.3	0.0	11.1	9.4	82.6	0.0	9.4	0.0	0.0	
326+00.00	TO	327+00.00	58.9	50.1	72.6	66.9	-16.8	24.8	0.0	11.1	9.4	82.0	0.0	9.4	0.0	0.0	
327+00.00	TO	328+00.00	84.3	71.6	78.3	75.2	-3.6	28.1	0.0	11.1	9.4	81.3	0.0	9.4	0.0	0.0	
328+00.00	TO	329+00.00	90.4	76.8	77.0	61.7	15.1	28.3	0.0	11.1	9.4	78.7	0.0	9.4	0.0	0.0	
329+00.00	TO	330+00.00	98.7	83.9	78.1	46.1	37.8	29.8	0.0	11.1	9.4	76.7	0.0	9.4	0.0	0.0	
330+00.00	TO	331+00.00	62.4	53.0	69.3	24.4	28.6	25.2	0.0	10.9	9.3	76.7	0.0	9.3	0.0	0.0	
331+00.00	TO	332+00.00	21.3	18.1	43.7	5.4	12.7	11.3	0.0	10.6	9.0	81.3	0.0	9.0	0.0	0.0	
332+00.00	TO	333+00.00	23.0	19.5	25.7	1.5	18.0	3.3	0.0	9.4	8.0	72.0	0.0	8.0	0.0	0.0	
333+00.00	TO	334+00.00	58.0	49.3	35.2	0.4	48.9	5.0	0.0	5.6	4.7	36.5	0.0	4.7	0.0	0.0	
334+00.00	TO	335+00.00	60.2	51.2	53.0	5.9	45.2	11.3	0.0	2.6	2.2	16.3	0.0	2.2	0.0	0.0	
335+00.00	TO	336+00.00	20.9	17.8	50.7	19.1	-1.3	14.4	0.0	2.8	2.4	19.4	0.0	2.4	0.0	0.0	
SUBTOTALS			4993.3	4244.3	2175.9	2183.7	2060.6	794.1	0.0	298.9	254.1	2142.6	0.0	254.1	0.0	0.0	

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USER NAME = j.tanaseo	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/9/2018	CHECKED -	REVISED -
	DATE - 05/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE ROADWAY SCHEDULES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	59
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

STATION	STAGE IV							STAGE V								
	20200100	20201200	20201200	20200200	20200100	20201200	20200200	20200100	20201200	20200200	20200100	20201200	20200200			
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL PLACEMENT	ROCK EXCAVATION	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL PLACEMENT	ROCK EXCAVATION		
US 30	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
301+79.24	TO	302+00.00	22.3	18.9	0.0	0.2	18.7	0.1	0.0	11.9	10.1	0.0	8.4	1.7	0.0	0.0
302+00.00	TO	303+00.00	59.1	50.2	59.3	0.0	50.2	0.4	0.0	28.7	24.4	42.0	0.0	24.4	0.0	0.0
303+00.00	TO	304+00.00	26.1	22.2	142.2	0.9	21.3	4.4	0.0	0.0	0.0	106.5	0.0	0.0	0.0	0.0
304+00.00	TO	305+00.00	19.6	16.7	160.4	2.4	14.3	8.9	0.0	0.0	0.0	157.0	0.0	0.0	0.0	0.0
305+00.00	TO	306+00.00	5.9	5.0	142.0	1.5	3.6	4.4	0.0	0.0	0.0	185.4	0.0	0.0	0.0	0.0
306+00.00	TO	307+00.00	0.0	0.0	144.4	0.0	0.0	0.0	0.0	0.0	0.0	231.5	0.0	0.0	0.0	0.0
307+00.00	TO	308+00.00	0.0	0.0	162.4	0.0	0.0	0.0	0.0	0.0	0.0	138.7	0.0	0.0	0.0	0.0
308+00.00	TO	309+00.00	0.0	0.0	204.3	0.0	0.0	0.0	0.0	0.4	0.3	127.6	1.3	-1.0	0.0	0.0
309+00.00	TO	310+00.00	0.0	0.0	212.8	0.0	0.0	0.0	0.0	0.4	0.3	184.1	1.3	-1.0	0.0	0.0
310+00.00	TO	311+00.00	0.0	0.0	181.7	0.0	0.0	0.0	0.0	0.0	0.0	135.6	0.0	0.0	0.0	0.0
311+00.00	TO	312+00.00	0.0	0.0	157.0	0.0	0.0	0.0	0.0	0.0	0.0	172.8	0.0	0.0	0.0	0.0
312+00.00	TO	313+00.00	40.4	34.3	66.5	0.0	34.3	0.0	0.0	49.1	41.7	106.1	3.7	38.0	0.0	0.0
313+00.00	TO	314+00.00	78.9	67.1	0.0	0.0	67.1	0.0	0.0	110.0	93.5	22.6	3.7	89.8	0.0	0.0
314+00.00	TO	315+00.00	80.0	68.0	0.0	0.0	68.0	0.0	0.0	126.1	107.2	19.6	0.0	107.2	0.0	0.0
315+00.00	TO	316+00.00	80.6	68.5	0.0	0.0	68.5	0.0	0.0	126.5	107.5	18.7	0.0	107.5	0.0	0.0
316+00.00	TO	317+00.00	80.9	68.8	0.0	0.0	68.8	0.0	0.0	116.1	98.7	11.7	0.0	98.7	0.0	0.0
317+00.00	TO	318+00.00	84.6	71.9	0.0	0.0	71.9	0.0	0.0	108.3	92.1	8.9	0.0	92.1	0.0	0.0
318+00.00	TO	319+00.00	87.8	74.6	0.0	0.0	74.6	0.0	0.0	110.0	93.5	7.0	0.0	93.5	0.0	0.0
319+00.00	TO	320+00.00	45.0	38.3	89.8	25.9	12.3	0.0	0.0	56.5	48.0	0.6	0.0	48.0	0.0	0.0
320+00.00	TO	321+00.00	0.0	0.0	259.8	26.1	-26.1	0.0	0.0	0.0	0.0	171.5	0.0	0.0	0.0	0.0
321+00.00	TO	322+00.00	0.0	0.0	339.6	0.2	-0.2	0.0	0.0	0.0	0.0	263.5	0.0	0.0	0.0	0.0
322+00.00	TO	323+00.00	0.0	0.0	326.1	0.0	0.0	0.0	0.0	0.0	0.0	184.8	0.0	0.0	0.0	0.0
323+00.00	TO	324+00.00	0.0	0.0	277.2	0.0	0.0	0.0	0.0	0.0	0.0	187.0	0.0	0.0	0.0	0.0
324+00.00	TO	325+00.00	52.4	44.5	120.7	0.0	44.5	0.0	0.0	0.0	0.0	94.3	0.0	0.0	0.0	0.0
325+00.00	TO	326+00.00	105.6	89.7	0.0	0.0	89.7	0.0	0.0	45.0	38.3	0.0	0.0	38.3	0.0	0.0
326+00.00	TO	327+00.00	105.9	90.0	0.0	0.0	90.0	0.0	0.0	86.3	73.4	0.0	0.0	73.4	0.0	0.0
327+00.00	TO	328+00.00	104.1	88.5	3.7	0.9	87.5	4.3	0.0	77.2	65.6	0.0	0.0	65.6	0.0	0.0
328+00.00	TO	329+00.00	58.1	49.4	99.4	2.0	47.4	8.9	0.0	35.9	30.5	73.3	0.0	30.5	0.0	0.0
329+00.00	TO	330+00.00	17.8	15.1	192.6	2.2	12.9	10.4	0.0	0.0	0.0	162.2	0.0	0.0	0.0	0.0
330+00.00	TO	330+90.59	9.9	8.4	159.2	40.6	-32.2	5.2	0.0	0.0	0.0	165.6	48.7	-48.7	0.0	0.0
SUBTOTALS			1164.9	990.2	3501.2	103.1	887.1	46.9	0.0	1088.4	925.1	2978.5	67.1	858.1	0.0	0.0

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USER NAME = j.tanaseo	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/9/2018	CHECKED -	REVISED -
	DATE = 05/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
ROADWAY SCHEDULES

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

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	60
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

STATION			STAGE VIA					STAGE VIB								
			20200100		20201200			20200200	20200100		20201200			20200200		
STATION			EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL PLACEMENT	ROCK EXCAVATION	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL PLACEMENT	ROCK EXCAVATION
US 30			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
301+79.24	TO	302+00.00	12.3	10.5	0.0	0.0	10.5	0.0	0.0	3.3	2.8	5.7	23.8	-21.0	2.6	0.0
302+00.00	TO	303+00.00	24.1	20.5	79.1	0.0	20.5	0.0	0.0	17.2	14.6	188.5	343.3	-328.7	44.8	0.0
303+00.00	TO	304+00.00	0.7	0.6	156.7	21.9	-21.2	0.0	0.0	2.2	1.9	315.0	450.9	-449.0	48.7	0.0
304+00.00	TO	305+00.00	0.4	0.3	178.0	107.8	-107.5	0.0	0.0	1.1	0.9	221.9	253.7	-252.8	17.2	0.0
305+00.00	TO	306+00.00	0.0	0.0	224.1	225.6	-225.6	0.0	0.0	2.6	2.2	163.5	181.7	-179.5	5.7	0.0
306+00.00	TO	307+00.00	0.6	0.5	181.1	151.3	-150.8	0.0	0.0	9.3	7.9	154.1	138.3	-130.5	11.7	0.0
307+00.00	TO	308+00.00	0.6	0.5	57.4	11.7	-11.2	0.0	0.0	8.3	7.1	93.1	50.2	-43.1	15.9	0.0
308+00.00	TO	309+00.00	0.0	0.0	76.5	0.0	0.0	0.0	0.0	11.1	9.4	113.1	159.8	-150.4	58.1	0.0
309+00.00	TO	310+00.00	0.4	0.3	137.6	0.0	0.3	0.0	0.0	394.8	335.6	233.1	356.9	-21.3	84.6	0.0
310+00.00	TO	311+00.00	0.7	0.6	121.1	0.0	0.6	0.0	0.0	758.5	644.7	266.5	406.3	238.4	39.1	0.0
311+00.00	TO	312+00.00	0.7	0.6	158.0	0.0	0.6	0.0	0.0	1037.4	881.8	237.4	357.6	524.2	37.4	0.0
312+00.00	TO	313+00.00	96.3	81.9	98.0	0.0	81.9	0.0	0.0	1586.5	1348.5	223.9	347.4	1001.1	75.6	0.0
313+00.00	TO	314+00.00	145.7	123.9	0.0	11.5	112.4	0.0	0.0	956.5	813.0	154.6	184.4	628.6	46.5	0.0
314+00.00	TO	315+00.00	119.8	101.8	0.0	37.0	64.8	0.0	0.0	72.4	61.5	67.0	42.2	19.3	5.0	0.0
315+00.00	TO	316+00.00	93.0	79.0	0.0	30.7	48.3	0.0	0.0	53.5	45.5	58.5	225.4	-179.9	5.2	0.0
316+00.00	TO	317+00.00	60.2	51.2	0.0	16.1	35.0	0.0	0.0	248.3	211.1	125.4	408.0	-196.9	33.3	0.0
317+00.00	TO	318+00.00	88.0	74.8	0.0	21.1	53.7	0.0	0.0	406.1	345.2	151.1	423.9	-78.7	56.3	0.0
318+00.00	TO	319+00.00	108.0	91.8	0.0	19.6	72.1	0.0	0.0	193.0	164.0	112.4	247.0	-83.0	40.6	0.0
319+00.00	TO	320+00.00	57.2	48.6	0.0	9.4	39.2	0.0	0.0	20.2	17.2	39.1	39.1	-21.9	12.4	0.0
320+00.00	TO	321+00.00	0.0	0.0	121.1	0.0	0.0	0.0	0.0	98.5	83.7	103.3	43.9	39.9	35.7	0.0
321+00.00	TO	322+00.00	0.0	0.0	252.6	0.0	0.0	0.0	0.0	112.6	95.7	187.0	140.6	-44.9	52.4	0.0
322+00.00	TO	323+00.00	0.0	0.0	268.3	0.0	0.0	0.0	0.0	86.3	73.4	224.1	261.3	-187.9	48.0	0.0
323+00.00	TO	324+00.00	0.0	0.0	247.2	0.0	0.0	0.0	0.0	72.6	61.7	289.1	337.2	-275.5	46.3	0.0
324+00.00	TO	325+00.00	0.0	0.0	110.4	0.0	0.0	0.0	0.0	18.3	15.6	193.9	266.1	-250.5	30.9	0.0
325+00.00	TO	326+00.00	75.2	63.9	0.0	12.4	51.5	0.0	0.0	129.8	110.3	108.0	154.6	-44.3	45.7	0.0
326+00.00	TO	327+00.00	108.3	92.1	0.0	25.7	66.3	0.0	0.0	226.9	192.8	115.2	140.2	52.6	55.6	0.0
327+00.00	TO	328+00.00	47.4	40.3	0.0	32.6	7.7	0.0	0.0	243.7	207.1	102.6	151.1	56.0	50.7	0.0
328+00.00	TO	329+00.00	16.3	13.9	33.3	22.0	-8.2	0.0	0.0	238.3	202.6	128.5	149.6	53.0	51.9	0.0
329+00.00	TO	330+00.00	6.3	5.4	88.3	3.0	2.4	0.0	0.0	303.9	258.3	157.6	144.6	113.7	54.4	0.0
330+00.00	TO	330+90.59	6.9	5.8	100.7	20.3	-14.5	0.0	0.0	300.1	255.1	138.9	103.7	151.4	47.0	0.0
SUBTOTALS			1069.0	908.7	2689.4	779.7	128.9	0.0	0.0	6377.5	5420.8	4672.1	6532.8	-1112.0	1159.4	0.0

SUMMARY								
STAGE	20200100	20201200	20400800	21101505	20200200			
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	FURNISHED EXCAVATION	TOPSOIL EXCAVATION AND PLACEMENT	ROCK EXCAVATION
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
PRE-STAGE	543	461	1,189	968	-506	506	435	0
I	11,820	10,047	9,373	7,852	2,196	0	389	1,331
SUBSTAGE II	2,580	2,193	1,237	1,360	833	0	415	610
II	30,611	26,019	11,570	7,064	18,955	0	0	6,100
IIA	3,492	2,968	697	1,093	1,875	0	623	1,058
IIB	3,974	3,378	1,616	2,665	713	0	0	1,309
IIIA	4,993	4,244	1,382	2,184	2,061	0	794	0
IIIB	299	254	2,143	0	254	0	0	0
IV	1,165	990	3,454	103	887	0	47	0
V	1,088	925	2,979	67	858	0	0	0
VIA	1,069	909	2,689	780	129	0	0	0
VIB	7,613	6,471	4,672	6,533	-61	0	0	0
PONDS	21,801	18,531	0	0	18,531	0	0	12,425
TOTAL	91,049	77,392	43,001	30,668	46,724	506	2,702	22,832

NOTE: REMOVAL AND DISPOSAL OF UNSUITABLE SHOWN IN SUMMARY IS THE TOTAL REMOVAL OF UNSUITABLE SHOWN FOR EACH STAGE MINUS THE TOPSOIL AND EXCAVATION FOR EACH STAGE.

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ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 607 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60655
 Tel. 773.775.4009 Fax 773.775.4014
 Email: ctago@clorba.com

USER NAME = j.tanaseo	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/9/2018	CHECKED -	REVISED -
	DATE - 05/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
ROADWAY SCHEDULES

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

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	61
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

44004250					
PAVED SHOULDER REMOVAL					
STA	STA	LOCATION	LENGTH	WIDTH	SQ YD
I-80 MAINLINE EASTBOUND					
628+40	661+46	OUTSIDE	3306.0	9.8	3599.9
663+40	669+72	OUTSIDE	632.0	10.4	730.3
672+00	672+34	OUTSIDE	34.0	5.4	20.4
678+88	715+86	OUTSIDE	1134.0	10.1	1272.6
628+40	664+24	INSIDE	3584.0	4.0	1592.9
664+24	672+16	INSIDE	792.0	12.9	1135.2
678+57	680+68	INSIDE	211.0	8.3	194.6
680+68	715+86	INSIDE	954.0	12.6	1335.6
I-80 MAINLINE WESTBOUND					
618+60	656+90	OUTSIDE	3830.0	9.9	4213.0
660+68	668+38	OUTSIDE	770.0	10.0	855.6
678+45	715+86	OUTSIDE	1177.0	11.6	1510.5
614+60	651+35	INSIDE	3675.0	3.3	1347.5
651+35	672+07	INSIDE	2072.0	10.9	2509.4
678+57	715+86	INSIDE	1165.0	14.8	1915.8
I-80 MAINLINE MEDIAN (CROSSOVER)					
660+50	663+10	MEDIAN	260.0	30.0	433.3
663+10	664+31	MEDIAN	121.0	24.0	322.7
664+31	667+06	MEDIAN	275.0	24.0	366.7
709+78	711+41	MEDIAN	163.0	18.0	163.0
711+41	712+10	MEDIAN	69.0	24.0	184.0
712+10	713+55	MEDIAN	145.0	20.0	161.1
RAMP AD					
17+04	31+15	OUTSIDE	1411.0	6.6	1034.7
16+00	27+52	INSIDE	1152.0	4.3	550.4
27+52	31+24	GORE	372.0	10.4	214.9
RAMP BD					
21+48	33+13	OUTSIDE	1165.0	7.1	919.1
20+37	30+86	INSIDE	1049.0	4.8	559.5
30+86	33+10	GORE	224.0	17.4	216.5
RAMP CB					
24+54	39+09	OUTSIDE	1455.0	7.0	1131.7
39+09	40+16	OUTSIDE	148.0	6.7	110.2
26+27	40+11	INSIDE	1384.0	4.9	753.5
24+32	26+27	GORE	195.0	19.8	214.5
RAMP DA					
26+27	36+20	OUTSIDE	993.0	6.2	684.1
36+20	36+85	OUTSIDE	65.0	9.2	66.4
26+37	36+88	INSIDE	1051.0	4.0	467.1
22+83	26+37	GORE	354.0	17.0	334.3
US ROUTE 30 EASTBOUND					
301+79	305+32	OUTSIDE	353.0	8.4	329.5
309+00	317+47	OUTSIDE	847.0	7.6	715.2
321+15	330+04	OUTSIDE	889.0	6.2	612.4
US ROUTE 30 WESTBOUND					
301+79	319+66	OUTSIDE	1787.0	7.9	1568.6
320+09	330+91	OUTSIDE	1082.0	8.0	961.8
TOTAL					35,309

48101500					
AGGREGATE SHOULDERS, TYPE B 6"					
STA	STA	LOCATION	LENGTH	WIDTH	SQ YD
I-80 MAINLINE EASTBOUND					
618+98	636+18	INSIDE	1720	2.0	382.2
624+66	630+18	OUTSIDE	552	4.0	245.3
630+18	660+63	OUTSIDE	3045	2.0	676.7
662+79	670+34	OUTSIDE	755	2.0	167.8
679+00	710+50	OUTSIDE	595	2.0	
710+50	715+85	OUTSIDE	535.0	2.0	118.9
612+70	628+33	INSIDE	1563	2.0	347.3
618+60	656+48	OUTSIDE	3788	2.0	841.8
660+38	669+04	OUTSIDE	866	2.0	192.4
678+60	715+85	OUTSIDE	1156	2.0	256.9
RAMP AD					
16+89	31+60	OUTSIDE	1475	2.0	327.8
16+41	27+80	INSIDE	1151	2.0	255.8
RAMP BD					
21+54	33+02	OUTSIDE	1121	2.0	249.1
21+07	31+46	INSIDE	1113	2.0	247.3
RAMP CB					
23+48	38+00	OUTSIDE	1479	2.0	328.7
25+68	39+41	INSIDE	1358	2.0	301.8
RAMP DA					
23+35	35+89	OUTSIDE	1010	2.0	224.4
25+74	36+47	INSIDE	1138	2.0	252.9
US 30					
314+00	315+58	OUTSIDE	158	9.8	172.0
314+00	315+58	OUTSIDE	158	3.0	52.7
314+00	315+58	OUTSIDE	158	1.0	17.6
TOTAL					5,660

48203043					
HOT-MIX ASPHALT SHOULDERS, 11 1/2"					
STA	STA	LOCATION	LENGTH	WIDTH	SQ YD
614+60	618+60	WB	400.0	8.0	355.6
628+40	630+18	EB	178.0	10.0	197.8
628+40	636+18	EB	782.0	6.0	521.3
TOTAL					1,075

48300510					
PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"					
STA	STA	LOCATION	LENGTH	WIDTH	SQ YD
RAMP AD					
16+89	31+60	OUTSIDE	1475	6.0	983.3
16+37	27+80	INSIDE	1155	4.0	513.3
RAMP BD					
21+47	32+97	OUTSIDE	1150	6.0	766.7
20+76	31+47	INSIDE	1132	4.0	503.1
RAMP CB					
23+47	38+00	OUTSIDE	1473	10.0	1636.7
25+67	39+71	INSIDE	1392	6.0	928.0
RAMP DA					
25+30	35+96	OUTSIDE	1048	6.0	698.7
25+73	36+51	INSIDE	1131	4.0	502.7
TOTAL					6,533

48300800					
PORTLAND CEMENT CONCRETE SHOULDERS 13"					
STA	STA	LOCATION	LENGTH	WIDTH	SQ YD
I-80 MAINLINE EASTBOUND					
630+18	639+46	OUTSIDE	928	12.0	1237.3
639+46	642+99	OUTSIDE	353	11.0	431.4
642+99	660+63	OUTSIDE	1764	10.0	1960.0
660+63	662+79	OUTSIDE	216	9.0	216.0
662+79	670+34	OUTSIDE	755	12.0	1006.7
670+34	671+81	OUTSIDE	147	9.0	147.0
678+97	710+50	OUTSIDE	589	14.0	
710+50	715+85	OUTSIDE	535	10.0	594.4
636+18	642+34	INSIDE	616	13.0	889.8
642+34	671+72	INSIDE	2938	12.0	3917.3
678+81	715+85	INSIDE	1140	12.0	1520.0
I-80 MAINLINE WESTBOUND					
618+60	647+00	OUTSIDE	2840	12.0	3786.7
647+00	649+50	OUTSIDE	250	8.5	236.1
649+50	660+38	OUTSIDE	1088	6.0	725.3
656+48	660+38	OUTSIDE	390	11.0	476.7
660+38	663+91	OUTSIDE	353	12.0	470.7
663+91	669+04	OUTSIDE	513	7.0	399.0
669+04	669+49	OUTSIDE	45.0	8.0	40.0
669+06	671+51	OUTSIDE	245.0	6.0	163.3
678+61	715+85	OUTSIDE	1160.0	10.0	1288.9
618+60	627+75	INSIDE	915.0	12.0	1220.0
627+75	628+33	INSIDE	58.0	16.0	103.1
628+33	636+18	INSIDE	785.0	14.0	1221.1
636+18	642+34	INSIDE	616.0	13.0	889.8
642+34	671+68	INSIDE	2934.0	12.0	3912.0
678+77	715+86	INSIDE	1145.0	12.0	1526.7
TOTAL					28,380

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 PLOT DATE = 6/6/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE - 01/20/2018
 REVISED -
 REVISED -
 REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
 ROADWAY SCHEDULES

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

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	63
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

60601805			
CONCRETE CURB TRANSITION			
STA	STA	LOCATION	FOOT
305+82	305+92	WB-Inside	10
316+56	316+66	WB-Inside	10
327+61	327+71	WB-Inside	10
301+86	308+82	EB-Outside	10
330+80	330+90	WB-Inside	10
330+80	330+90	EB-Outside	10
TOTAL			60

60603800			
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12			
STA	STA	LOCATION	FOOT
301+97	305+82	WB-Inside	385.2
308+57	316+56	WB-Inside	799.2
320+88	327+61	WB-Inside	673.2
289+00	294+83	ISLAND	1172.6
295+56	298+39	ISLAND	573.2
299+32	301+16	ISLAND	371.2
330+91	333+17	ISLAND	456.5
334+12	338+07	ISLAND	793.8
TOTAL			5,225

60605000			
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24			
STA	STA	LOCATION	FOOT
301+79	319+26	WB-Outside	1747
320+81	330+91	WB-Outside	1010
305+92	307+48	WB-Inside	157
316+66	319+13	WB-Inside	247
319+13	319+35	WB-Inside	22
327+71	330+81	WB-Inside	310
301+97	307+48	EB-Inside	551
308+57	319+35	EB-Inside	1078
320+88	330+81	EB-Inside	995
302+11	306+72	EB-Outside	461
306+72	307+37	EB-Outside	100
308+41	309+91	EB-Outside	181
309+91	318+82	EB-Outside	891
318+82	319+54	EB-Outside	108
320+50	322+00	EB-Outside	247
322+00	330+91	EB-Outside	891
OLD HICKORY			
319+36	303+07	SB-Outside	355
320+87	303+51	NB-Outside	396
301+97	302+76	ISLAND	166
330+91	333+22	RT	268
333+84	334+46	RT	109
337+60	338+67	RT	128
TOTAL			10,418

60608300						
COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12						
LOCATION	STA	STA	LOCATION	LENGTH	WIDTH	FOOT
US 30	301+84	302+11				60.0
Old Hickory	300+84	300+92	Island			96.0
Old Hickory	301+22	301+96	Island			158.0
TOTAL						314

60618300				
CONCRETE MEDIAN SURFACE, 4 INCH				
STA	STA	LENGTH	WIDTH	SQ FT
289+00	294+43	543.5	14.7	7989.9
294+43	294+63	19.8	12.5	248.0
297+84	298+15	31.0	12.2	378.2
304+35	305+82	147.0	17.3	2543.1
305+82	306+15	33.0	25.1	828.3
306+15	307+34	119.0	18.2	2159.9
314+61	315+50	89.0	13.1	1165.9
315+50	316+56	106.0	17.7	1876.2
316+56	317+50	94.0	15.9	1489.9
317+50	319+14	164.0	13.0	2132.0
319+14	319+26	12.0	11.3	135.0
325+65	327+76	211.0	17.8	3745.3
327+76	330+91	315.0	20.3	6378.8
330+91	332+88	197.0	14.5	2856.5
332+88	333+02	14.0	12.0	168.0
REPL. OF MEDIAN FOR CULVERT CONST. ON US 30				
308+96		15.0	6.0	90.0
TOTAL				34,185

63000001				
STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS				
LOCATION	STA	STA	LOCATION	FOOT
I-80 ALIGN.	625+18	629+06	EB	387.5
I-80 ALIGN.	656+24	659+12	EB	287.5
I-80 ALIGN.	671+03	671+53	WB	50.0
RAMP BD ALIGN.	30+07	32+88	EB	280.9
I-80 ALIGN.	678+85	716+94	WB	1243.6
RAMP AD ALIGN.	27+14	30+14	WB	300.0
RAMP CB ALIGN.	30+13	38+95	RAMP	882.0
TOTAL				3,437.5

63100045			
TRAFFIC BARRIER TERMINAL, TYPE 2			
ALIGNMENT	STA	LOCATION	EACH
I-80	659+24	EB	1.0
I-80	657+83	WB	1.0
I-80	670+90	WB	1.0
RAMP CB	38+95	RAMP	1.0
TOTAL			4

63100089			
TRAFFIC BARRIER TERMINAL, TYPE 6B			
LOCATION	STA	LOCATION	EACH
I-80	629+49	EB	1.0
RAMP BD	33+01	EB	1.0
I-80	678+42	WB	1.0
I-80	629+81	WB	1.0
TOTAL			4

63100167			
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT			
COMMENTS	STA	LOCATION	EACH
I-80	624+68	EB	1.0
I-80	655+74	EB	1.0
RAMP BD	29+57	EB	1.0
I-80	717+44	WB	1.0
RAMP AD	26+64	WB	1.0
I-80	630+74	WB	1.0
RAMP CB	29+63		1.0
TOTAL			7

63200310			
GUARDRAIL REMOVAL			
LOCATION	STA	STA	FOOT
I-80 EB	625+02	629+60	458.0
I-80 WB	629+82	633+21	335.0
I-80 EB	654+62	659+62	509.0
I-80 WB	656+25	659+83	351.0
I-80 EB	669+37	672+16	279.0
I-80 EB	670+01	672+28	233.0
I-80 WB	669+80	672+06	226.0
I-80 WB	670+89	671+94	102.0
I-80 EB	678+75	707+71	333.0
I-80 WB	678+57	708+28	407.0
I-80 WB	678+44	717+43	1331.0
US 30 WB	315+90	316+75	85.0
I-80 WB	711+55	715+85	430.0
US 30 EB	313+23	314+11	89.0
US 30 EB	314+49	315+18	69.0
TOTAL			5,237

63200400			
CABLE ROAD GUARD REMOVAL			
STA	STA	LOCATION	FOOT
617+00	629+00	LT	1200.0
630+00	662+00	RT	3200.0
TOTAL			4,400

63700275		
CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT		
STA	STA	FOOT
628+33	636+18	785
681+05	708+36	
712+18	715+86	368
679+00	710+58	594
TOTAL		1,747

63700805		
CONCRETE BARRIER TRANSITION		
STA	STA	FOOT
658+25	658+40	15
658+60	658+75	15
TOTAL		30

63100070			
TRAFFIC BARRIER TERMINAL, TYPE 5			
ALIGNMENT	STA	LOCATION	EACH
I-80	671+67	WB	1.0
TOTAL			1

64401100		
HIGH TENSION CABLE MEDIAN BARRIER		
STA	STA	FOOT
616+90	627+80	1090.0
TOTAL		1,090

64401300		
HIGH TENSION CABLE MEDIAN BARRIER TERMINAL		
STA	STA	EACH
617+90		1.0
618+00		1.0
627+80		1.0
TOTAL		3

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.I. 80 / US 30 INTERCHANGE ROADWAY SCHEDULES		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	64
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

64200116				
SHOULDER RUMBLE STRIPS, 16 INCH				
LOCATION	STA	STA	LENGTH	FOOT
I-80 WB	618+60	671+68	5308.0	10616.0
	678+80	681+25	245.0	490.0
	706+90	715+86	896.0	1792.0
I-80 EB	628+40	671+68	4328.0	8656.0
	678+80	681+25	245.0	490.0
	706+90	715+86	896.0	1792.0
RAMP AD	17+00	28+00		1100.0
RAMP DA	25+00	36+00		1100.0
RAMP BD	22+00	32+00		1000.0
RAMP CB	23+00	39+00		1600.0
TOTAL				28,636

X0321750			
REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED			
STA	STA	LOCATION	FOOT
660+78	666+97	MEDIAN	619
707+53	715+86	RT	833
TOTAL			1,452

X6370250		
CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT		
STA	STA	FOOT
636+18	671+69	3551.0
678+81	681+05	224.0
708+36	712+18	382.0
TOTAL		4,157

Z0040530				
PIPE UNDERDRAIN REMOVAL				
LOCATION	STA	STA	FOOT	
WB	INSIDE	614+60	618+60	400.0
WB	INSIDE	618+60	628+40	980.0
WB	OUTSIDE	618+60	628+40	980.0
EB	INSIDE	628+40	636+00	760.0
EB	OUTSIDE	628+40	636+00	760.0
WB	INSIDE	628+40	636+00	760.0
WB	OUTSIDE	628+40	636+00	760.0
EB	INSIDE	636+00	662+00	2600.0
EB	OUTSIDE	636+00	662+00	2600.0
WB	INSIDE	636+00	662+00	2600.0
WB	OUTSIDE	636+00	662+00	2600.0
EB	INSIDE	662+00	671+70	970.0
EB	OUTSIDE	662+00	671+70	970.0
WB	INSIDE	662+00	671+70	970.0
WB	OUTSIDE	662+00	671+70	970.0
EB	INSIDE	678+80	715+85	3705.0
EB	OUTSIDE	678+80	715+85	3705.0
WB	INSIDE	678+80	715+85	3705.0
WB	OUTSIDE	678+80	715+85	3705.0
TOTAL				34,500

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USER NAME = j.tanaseo	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

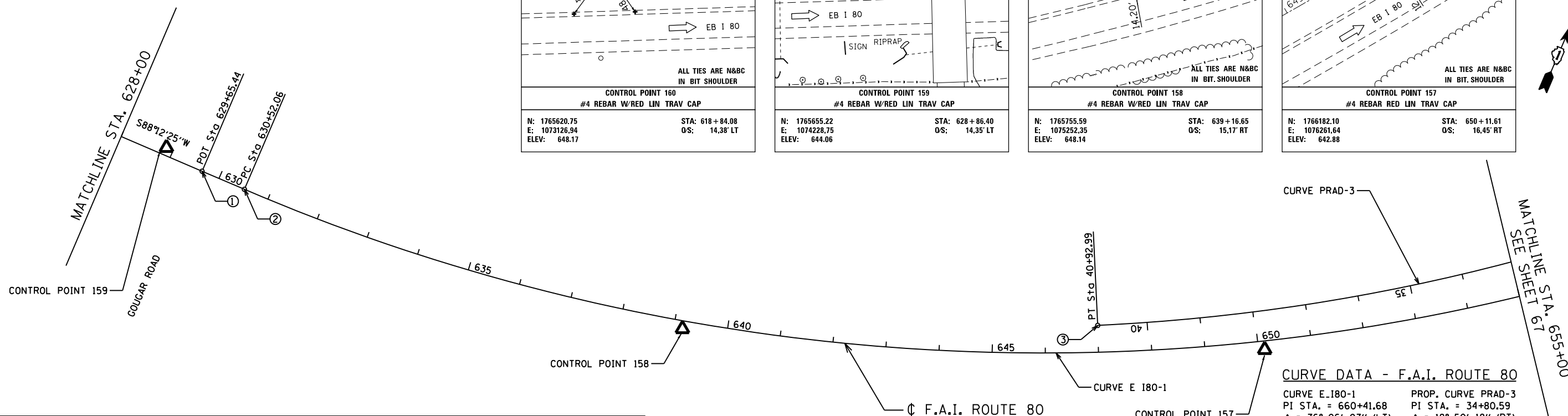
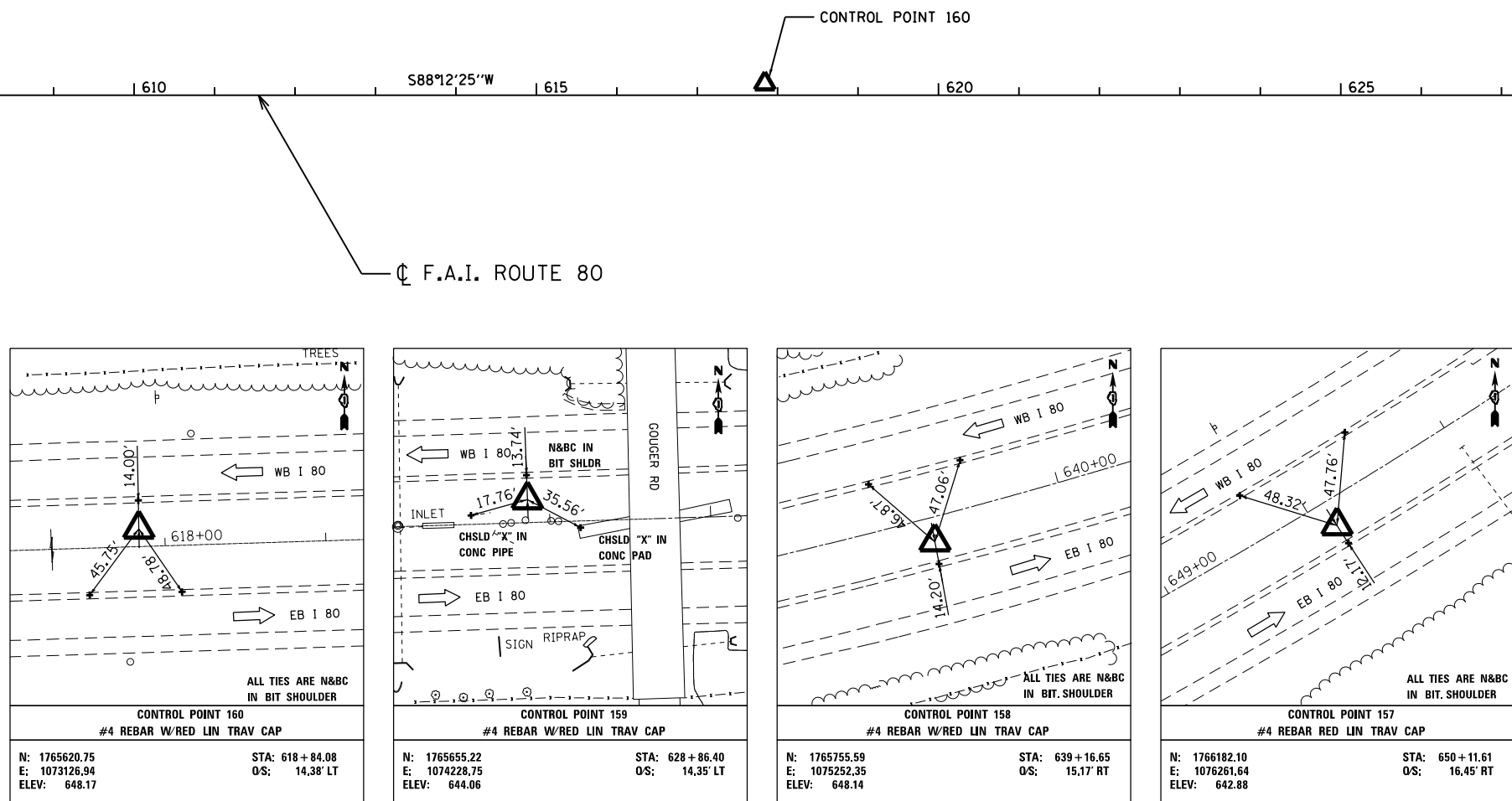
F.A.I. 80 / US 30 INTERCHANGE
ROADWAY SCHEDULES

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

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	65
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

BM#	DESCRIPTION	ELEVATION
BM55	CHISELED SQUARE ON NORTHERLY SIDE OF CONCRETE FOUNDATION TO SIGN THAT READS "NEW LENOX EXIT 137" ON SOUTH SIDE I-80 APPROX 800' WEST OF GOUGER RD BRIDGE	647.05
BM54	CHISELED SQUARE ON CONCRETE SLAB AROUND MEDIAN PIER FOR GOUGER RD BRIDGE ON SW CORNER OF SLAB WEST SIDE OF BRIDGE	644.02
BM53	CHISELED SQUARE ON STEEL FOUNDATION TO MEDIAN POLE WITH SOLAR PANEL ON IT	646.31

I-80 MAINLINE SUPERELEVATION TRANSITION						
CURVE I-80-1						
STATION	PGL ELEV. (WB)	S.E. (WB)	LEFT EOP ELEV.	PGL ELEV. (EB)	S.E. (EB)	RIGHT EOP ELEV.
629+14.06	645.45	-1.50%	644.91	645.70	-1.50%	645.16
629+52.06	645.57	-1.50%	645.03	645.57	0.00%	645.57
629+90.06	645.73	-1.50%	645.19	645.50	1.50%	646.04
631+01.06	646.38	-3.70%	645.05	645.77	3.70%	647.10
680+60.27	646.25	-3.70%	644.92	646.76	3.70%	648.09
707+72.75	645.25	-1.50%	644.71	645.50	1.50%	646.04
708+22.75	644.85	-1.50%	644.31	645.30	0.00%	645.30
708+72.75	644.42	-1.50%	643.88	644.85	1.50%	645.39



NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
1	FAI - 80	P.O.T. STATION	629+65.44	1765643.340	1074308.178
2	FAI - 80	P.C. STATION	630+52.06	1765646.051	1074394.757
3	RAMP AD	P.T. STATION	40+92.99	1766091.007	1075957.639

CURVE DATA - F.A.I. ROUTE 80	
CURVE E.180-1	PROP. CURVE PRAD-3
PI STA. = 660+41.68	PI STA. = 34+80.59
Δ = 76° 06' 07" (LT)	Δ = 18° 50' 18" (RT)
D = 1° 30' 00"	D = 1° 31' 27"
R = 3,819.53'	R = 3,759.45'
T = 2,989.62'	T = 623.66'
L = 5,073.21'	L = 1,236.06'
E = 1,030.89'	E = 51.38'
P.C. STA = 630+52.06	P.C. STA = 28+56.93
P.T. STA = 681+25.27	P.T. STA = 40+92.99

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USER NAME = NTUMBEV	DESIGNED - EPS	REVISED -
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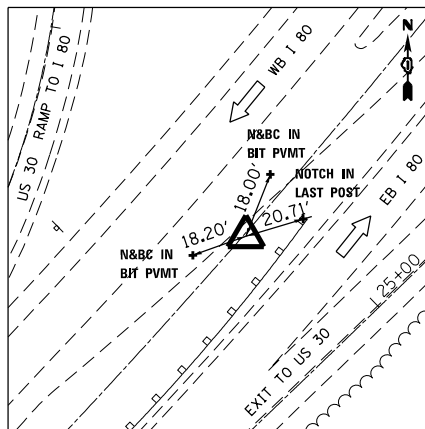
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
ALIGNMENTS, TIES, AND BENCHMARKS
 SCALE: 1" = 100' SHEET NO. OF SHEETS STA. TO STA.

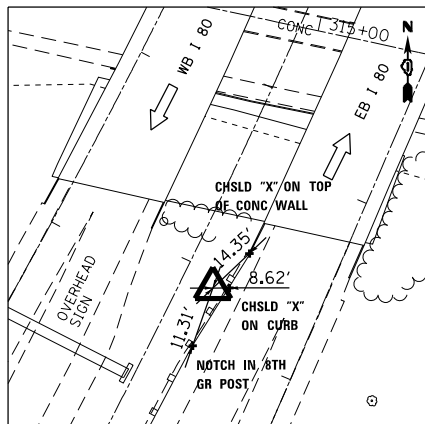
80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	66
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

MATCHLINE STA. 628+00

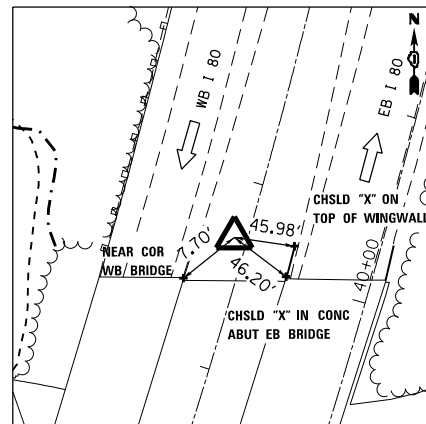
MATCHLINE STA. 655+00
SEE SHEET 67



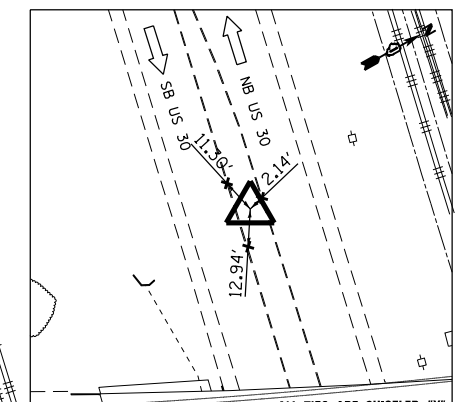
CONTROL POINT 156 #4 REBAR W/RED LIN TRAV. CAP	
N: 1766950.69	STA: 661+90.53
E: 1077153.15	OS: 1.15' RT
ELEV: 636.15	



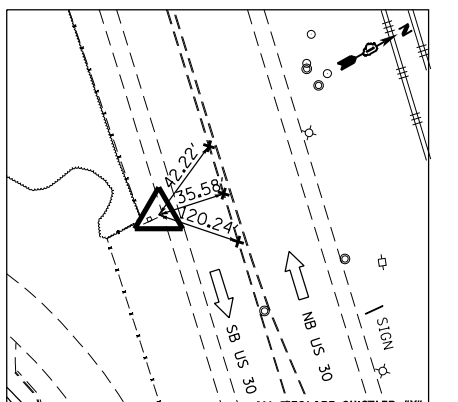
CONTROL POINT 155 #4 REBAR W/RED LIN TRAV. CAP	
N: 1767788.68	STA: 672+07.04
E: 1077727.97	OS: 18.06' RT
ELEV: 646.02	



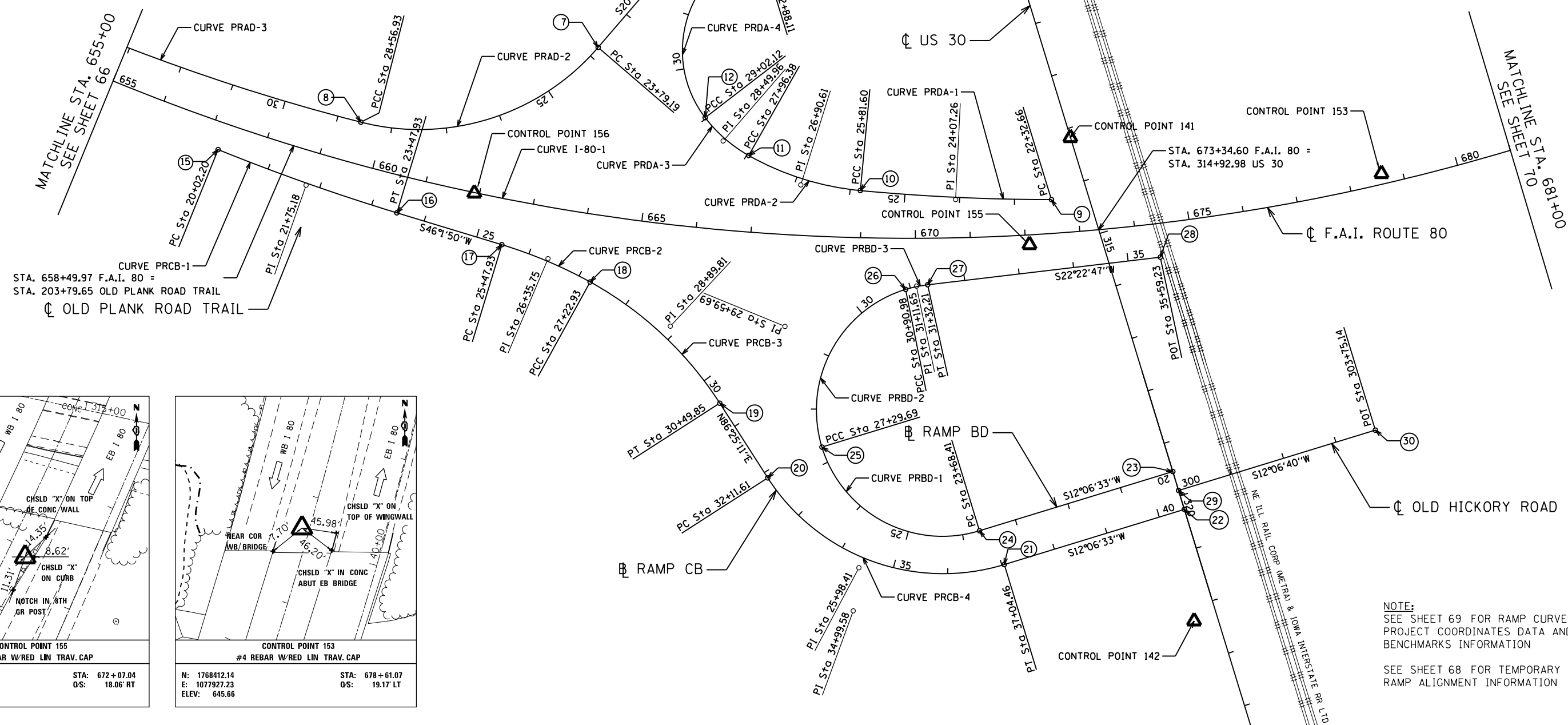
CONTROL POINT 153 #4 REBAR W/RED LIN TRAV. CAP	
N: 1768412.14	STA: 678+61.07
E: 1077927.23	OS: 19.17' LT
ELEV: 645.66	



CONTROL POINT 141 NAIL IN CONC MEDIAN	
N: 1767948.862	STA: 672+96.60
E: 1077593.804	OS: 171.57
ELEV: 617.55	



CONTROL POINT 142 I.P. W/RED LIN TRAV. CAP	
N: 1767716.912	STA: 674+26.13
E: 1078473.179	OS: 727.34
ELEV: 624.03	



NOTE:
SEE SHEET 69 FOR RAMP CURVES,
PROJECT COORDINATES DATA AND
BENCHMARKS INFORMATION

SEE SHEET 68 FOR TEMPORARY
RAMP ALIGNMENT INFORMATION

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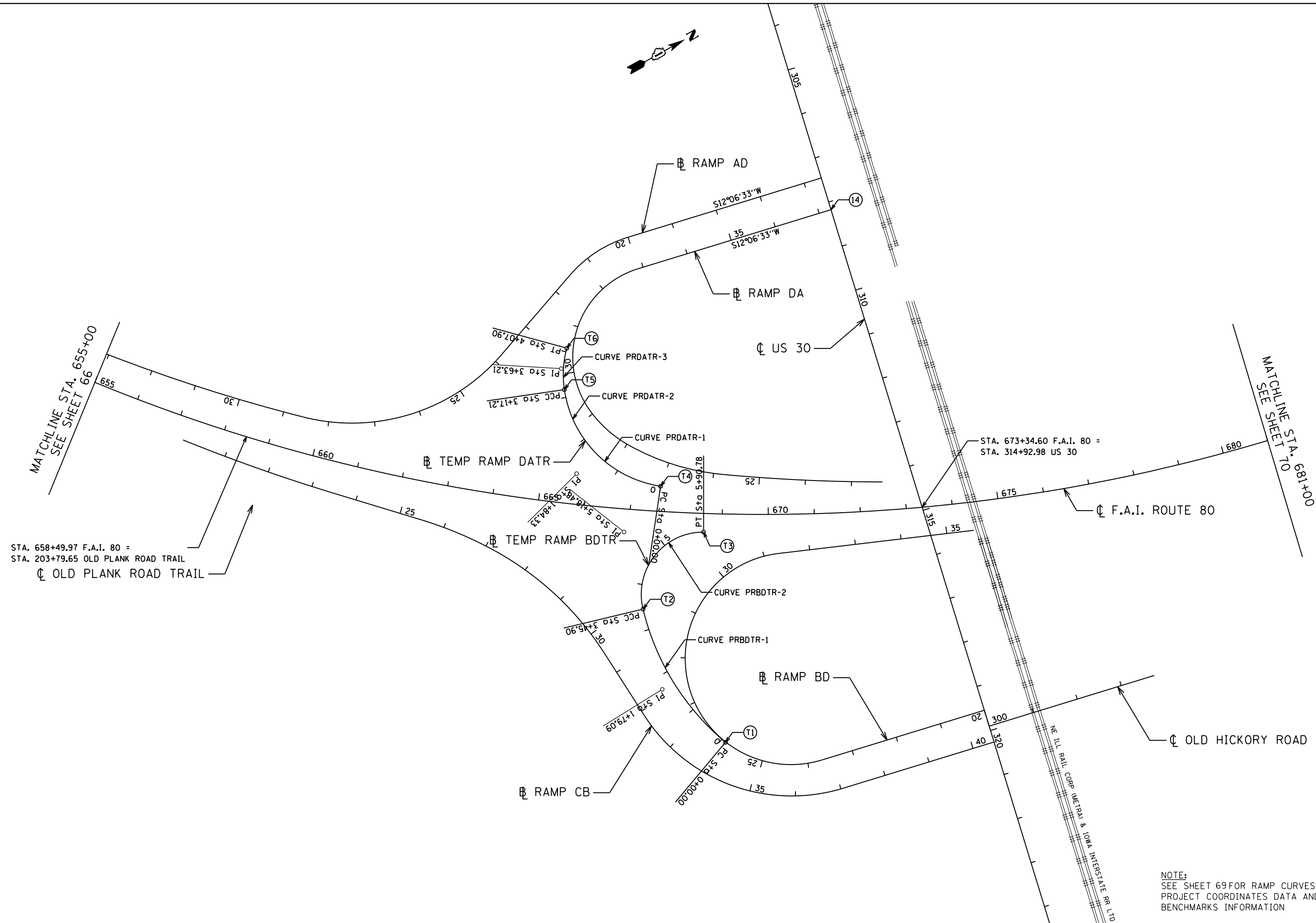
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	67
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



STA. 658+49.97 F.A.I. 80 =
 STA. 203+79.65 OLD PLANK ROAD TRAIL
 ☐ OLD PLANK ROAD TRAIL

STA. 673+34.60 F.A.I. 80 =
 STA. 314+92.98 US 30

NOTE:
 SEE SHEET 69 FOR RAMP CURVES,
 PROJECT COORDINATES DATA AND
 BENCHMARKS INFORMATION

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USER NAME = NTUMBEV	DESIGNED - EPS	REVISED -
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PLOT DATE = 5/9/2018	CHECKED - DJO	REVISED -
	DATE - 05/10/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
 ALIGNMENTS, TIES, AND BENCHMARKS**

SCALE: 1" = 100' SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	68
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CURVE DATA - US 30 INTERCHANGE RAMPS

PROP. CURVE PRAD-1 PI STA. = 20+78.69 Δ = 32° 16' 16" (LT) D = 21° 03' 53" R = 272.00' T = 78.69' L = 153.20' E = 11.15' P.C. STA = 20+00.00 P.T. STA = 21+53.20	PROP. CURVE PRDA-1 PI STA. = 24+07.26 Δ = 5° 21' 19" (RT) D = 1° 32' 05" R = 3,733.30' T = 174.60' L = 348.95' E = 4.08' P.C. STA = 22+32.66 P.T. STA = 25+81.60	PROP. CURVE PRDA-3 PI STA. = 28+49.96 Δ = 22° 51' 43" (RT) D = 21° 37' 16" R = 265.00' T = 53.58' L = 105.74' E = 5.36' P.C. STA = 27+96.38 P.T. STA = 29+02.12	PROP. CURVE PRCB-1 PI STA. = 21+75.18 Δ = 5° 07' 47" (LT) D = 1° 29' 02" R = 3,861.46' T = 172.98' L = 345.72' E = 3.87' P.C. STA = 20+02.20 P.T. STA = 23+47.93	PROP. CURVE PRCB-3 PI STA. = 28+89.81 Δ = 28° 22' 52" (RT) D = 8° 40' 52" R = 660.00' T = 166.89' L = 326.93' E = 20.77' P.C. STA = 27+22.93 P.T. STA = 30+49.85	PROP. CURVE PRBD-1 PI STA. = 25+98.41 Δ = 90° 00' 00" (RT) D = 24° 54' 40" R = 230.00' T = 230.00' L = 361.28' E = 95.27' P.C. STA = 23+68.41 P.T. STA = 27+29.69	PROP. CURVE PRBD-3 PI STA. = 31+11.65 Δ = 10° 16' 15" (RT) D = 24° 54' 40" R = 230.00' T = 20.67' L = 41.23' E = 0.93' P.C. STA = 30+90.98 P.T. STA = 31+32.21
PROP. CURVE PRAD-2 PI STA. = 26+46.09 Δ = 63° 39' 23" (RT) D = 13° 19' 29" R = 430.00' T = 266.90' L = 477.74' E = 76.10' P.C. STA = 23+79.19 P.T. STA = 28+56.93	PROP. CURVE PRDA-2 PI STA. = 26+90.61 Δ = 24° 07' 46" (RT) D = 11° 14' 04" R = 510.00' T = 109.01' L = 214.78' E = 11.52' P.C. STA = 25+81.60 P.T. STA = 27+96.38	PROP. CURVE PRDA-4 PI STA. = 31+90.83 Δ = 110° 34' 38" (RT) D = 28° 38' 52" R = 200.00' T = 288.71' L = 385.99' E = 151.22' P.C. STA = 29+02.12 P.T. STA = 32+88.11	PROP. CURVE PRCB-2 PI STA. = 26+35.75 Δ = 12° 00' 29" (RT) D = 6° 51' 42" R = 835.00' T = 87.82' L = 175.00' E = 4.61' P.C. STA = 25+47.93 P.T. STA = 27+22.93	PROP. CURVE PRCB-4 PI STA. = 34+99.58 Δ = 74° 18' 38" (LT) D = 15° 04' 40" R = 380.00' T = 287.97' L = 492.85' E = 96.79' P.C. STA = 32+11.61 P.T. STA = 37+04.46	PROP. CURVE PRBD-2 PI STA. = 29+59.69 Δ = 90° 00' 00" (RT) D = 24° 54' 40" R = 230.00' T = 230.00' L = 361.28' E = 95.27' P.C. STA = 27+29.69 P.T. STA = 30+90.98	PROP. CURVE PRBD-5 PI STA. = 41+23.62 Δ = 3° 53' 13" (LT) D = 1° 28' 35" R = 3,881.03' T = 131.70' L = 263.30' E = 2.23' P.C. STA = 39+91.92 P.T. STA = 42+55.22

CURVE DATA - US 30 INTERCHANGE TEMPORARY RAMPS

PROP. CURVE PRBDTR-1 PI STA. = 1+79.09 Δ = 36° 38' 07" (RT) D = 10° 35' 29" R = 540.97' T = 179.09' L = 345.90' E = 28.87' P.C. STA = 0+00.00 P.T. STA = 3+45.90	PROP. CURVE PRBDTR-2 PI STA. = 5+18.48 Δ = 103° 55' 53" (RT) D = 42° 26' 29" R = 135.00' T = 172.58' L = 244.88' E = 84.11' P.C. STA = 3+45.90 P.T. STA = 5+90.78	PROP. CURVE PRDATR-1 PI STA. = 1+84.33 Δ = 73° 07' 33" (RT) D = 23° 03' 10" R = 248.54' T = 184.33' L = 317.21' E = 60.90' P.C. STA = 0+00.00 P.T. STA = 3+17.21	PROP. CURVE PRDATR-2 PI STA. = 3+63.21 Δ = 23° 40' 31" (RT) D = 26° 06' 19" R = 219.48' T = 46.00' L = 90.69' E = 4.77' P.C. STA = 3+17.21 P.T. STA = 4+07.90
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NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
4	RAMP AD	P.T. STATION	15+61.29	1768069.096	1077034.478
5	RAMP AD	P.C. STATION	20+00.00	1767640.147	1076942.448
6	RAMP AD	P.T. STATION	21+53.20	1767489.337	1076953.064
7	RAMP AD	P.C. STATION	23+79.19	1767277.196	1077030.957
8	RAMP AD	P.T. STATION	28+56.93	1766833.023	1076939.245
9	RAMP DA	P.C. STATION	22+32.66	1767863.748	1077675.669
10	RAMP DA	P.C. STATION	25+81.60	1767567.491	1077491.532
11	RAMP DA	P.C. STATION	27+96.38	1767421.021	1077336.616
12	RAMP DA	P.C. STATION	29+02.12	1767385.269	1077237.848
13	RAMP DA	P.T. STATION	32+88.11	1767625.044	1077012.846
14	RAMP DA	P.T. STATION	37+26.82	1768053.992	1077104.876
15	RAMP CB	P.C. STATION	20+02.20	1766581.407	1076856.272
16	RAMP CB	P.T. STATION	23+47.93	1766809.982	1077115.499
17	RAMP CB	P.C. STATION	25+47.93	1766948.837	1077259.441
18	RAMP CB	P.C. STATION	27+22.93	1767056.298	1077397.156
19	RAMP CB	P.T. STATION	30+49.85	1767155.062	1077705.310
20	RAMP CB	P.C. STATION	32+11.61	1767165.163	1077866.755
21	RAMP CB	P.T. STATION	37+04.46	1767464.708	1078214.571
22	RAMP CB	P.T. STATION	40+47.85	1767800.455	1078286.604
23	RAMP BD	P.T. STATION	20+00.00	1767815.559	1078216.206
24	RAMP BD	P.C. STATION	23+68.41	1767455.346	1078138.924
25	RAMP BD	P.C. STATION	27+29.69	1767278.712	1077865.793
26	RAMP BD	P.C. STATION	30+90.98	1767551.842	1077689.159
27	RAMP BD	P.T. STATION	31+32.21	1767591.165	1077701.365
28	RAMP BD	P.C. STATION	35+59.23	1767986.026	1077863.952
29	HICKORY RD	P.T. STATION	300+00.00	1767807.999	1078251.445
30	HICKORY RD	P.T. STATION	303+45.91	1768174.789	1078330.151

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
T1	RAMP BDTR	P.C. STATION	0+00.00	1767290.809	1078003.242
T2	RAMP BDTR	P.C. STATION	3+45.90	1767275.250	1077663.561
T3	RAMP BDTR	P.T. STATION	5+90.78	1767471.383	1077581.357
T4	RAMP DATR	P.C. STATION	0+00.00	1767438.393	1077449.073
T5	RAMP DATR	P.C. STATION	3+17.21	1767358.043	1077164.068
T6	RAMP DATR	P.T. STATION	4+07.90	1767406.464	1077088.147

BM#	DESCRIPTION	ELEVATION
BM52	CHISELED "X" ON NE CORNER OF CONCRETE SLAB AROUND MEDIAN PIER FOR OLD PLANK RD TRAIL BRIDGE OVER I 80	632.38
BM51	CHISELED SQUARE ON TOP OF CONCRETE FOUNDATION IN MEDIAN TO OVERHEAD SIGN TRUSS (APPROX STA. 671+50)	646.92

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	PLOT DATE = 5/9/2018	DATE - 05/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.I. 80 / US 30 INTERCHANGE ALIGNMENTS, TIES, AND BENCHMARKS			
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	69
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

RAMP AD SUPERELEVATION TRANSITION															
CURVE PRAD-1				TRANSITION				CURVE PRAD-2				CURVE PRAD-3			
STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.
18+13.00	616.33	2.00%	616.65	21+53.20	628.31	-3.48%	627.76	23+79.17	631.35	4.03%	631.99	28+56.93	631.85	5.11%	632.66
18+81.00	619.05	0.00%	619.05	22+72.20	630.46	0.00%	630.46	24+30.17	631.44	6.00%	632.40	29+59.20	631.94	3.70%	632.53
20+00.00	623.74	-3.50%	623.18	22+75.19	630.50	0.00%	630.50	27+92.27	631.78	6.00%	632.74	32+56.26	634.48	3.70%	635.08
20+59.00	625.74	-5.20%	624.91	23+79.17	631.35	4.03%	631.99	28+56.93	631.85	5.11%	632.66				
20+94.20	626.79	-5.20%	625.96												
21+53.20	628.31	-3.48%	627.76												

RAMP BD SUPERELEVATION TRANSITION																			
TRANSITION				CURVE PRBD-1				CURVE PRBD-2				CURVE PRBD-3				TRANSITION			
STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.
22+30.41	623.52	2.00%	624.00	23+68.41	627.00	4.68%	628.12	27+29.69	636.12	6.00%	637.08	30+90.98	645.16	5.96%	646.12	31+32.21	645.96	4.03%	646.60
23+68.41	627.00	4.68%	628.12	24+36.41	628.71	6.00%	630.07	30+90.21	645.15	6.00%	646.11	31+32.21	645.96	4.03%	646.60	32+18.21	647.05	0.00%	647.05
				27+29.69	636.12	6.00%	637.08	30+90.98	645.16	5.96%	646.12					33+00.74	647.50	-3.70%	646.91

RAMP CB SUPERELEVATION TRANSITION																													
CURVE PRCB-1				TRANSITION				CURVE PRCB-2				CURVE PRCB-3				TRANSITION				CURVE PRCB-4				TRANSITION					
STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E. (LT)	S.E. (RT)	LEFT EOP ELEV.	RIGHT EOP ELEV.
22+31.43	633.79	-3.70%	633.35	23+47.93	634.80	-0.21%	634.77	25+47.93	636.52	4.02%	637.00	27+22.93	638.03	5.02%	638.63	30+49.85	639.58	0.99%	639.70	32+11.61	638.01	-4.08%	637.52	37+04.46	626.67	-4.36%	4.36%	625.63	627.72
23+47.93	634.80	-0.21%	634.77	23+54.93	634.86	0.00%	634.86	26+42.93	637.34	6.00%	638.06	30+49.85	639.58	0.99%	639.70	31+30.73	639.01	0.00%	639.01	32+49.61	637.39	-6.00%	636.67	37+86.46	624.68	-2.00%	2.00%	624.20	625.16
				25+47.93	636.52	4.02%	637.00	27+22.93	638.03	5.02%	638.63					32+11.61	638.01	-4.08%	637.52	36+47.46	628.06	-6.00%	626.67	38+21.46	623.82	-2.00%	0.00%	623.34	623.82
																				37+04.46	626.67	-4.36%	625.63	38+56.46	622.97	-2.00%	-2.00%	622.49	622.49

RAMP DA SUPERELEVATION TRANSITION																									
CURVE PRDA-1				CURVE PRDA-2				CURVE PRDA-3				CURVE PRDA-4				TRANSITION									
STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E. (LT)	S.E. (RT)	LEFT EOP ELEV.	RIGHT EOP ELEV.	STATION	PGL ELEV.	S.E. (LT)	S.E. (RT)	LEFT EOP ELEV.	RIGHT EOP ELEV.		
22+88.30	645.46	3.70%	646.05	25+81.60	642.76	5.38%	643.62	27+96.38	636.90	6.00%	637.86	29+02.12	633.83	6.00%		634.79	633.83	32+88.11	622.59	4.35%	-4.35%	623.63	621.54		
25+30.44	643.69	3.70%	644.28	26+00.60	642.35	6.00%	643.31	29+02.12	633.83	6.00%	634.79	32+37.11	624.07	6.00%	-6.00%	625.51	622.81	33+61.11	620.46	2.00%	-2.00%	620.94	619.98		
25+50.00	643.36	4.34%	644.06	27+96.38	636.90	6.00%	637.86					32+88.11	622.59	4.35%	-4.35%	623.63	621.54	33+92.11	619.54	0.00%	-2.00%	619.54	619.06		
25+81.60	642.76	4.86%	643.54																	34+23.11	618.55	-2.00%	-2.00%	618.07	618.07

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	70
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TEMP RAMP BD SUPERELEVATION TRANSITION							
CURVE PRBDTR-1				CURVE PRBDTR-2			
STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.
1+46.46	635.80	6.00%	636.76	3+45.90	641.86	6.00%	642.82
2+53.90	639.07	6.00%	640.03	3+54.71	642.10	6.00%	643.06
3+45.90	641.86	6.00%	642.82	4+91.71	643.74	0.00%	643.74

TEMP RAMP DA SUPERELEVATION TRANSITION							
CURVE PRDATR-1				CURVE PRDATR-2			
STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.	STATION	PGL ELEV.	S.E.	LEFT EOP ELEV.
+98.60	640.80	0.00%	640.80	3+17.21	633.77	6.00%	634.73
2+52.60	635.86	5.60%	636.75	3+62.83	632.29	6.00%	633.25
2+64.00	635.49	6.00%	636.45				
3+17.21	633.77	6.00%	634.73				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
ALIGNMENTS, TIES, AND BENCHMARKS**

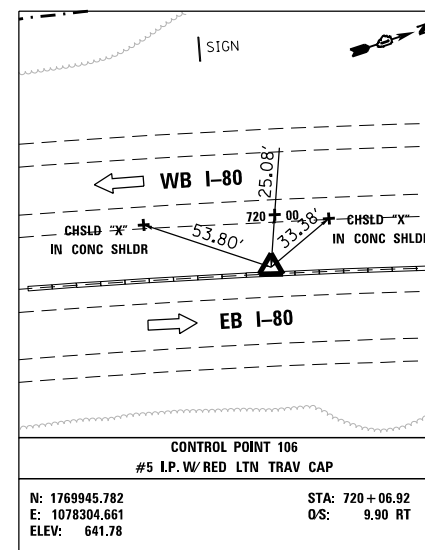
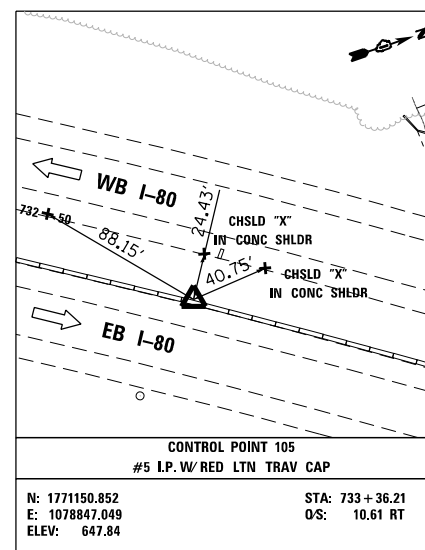
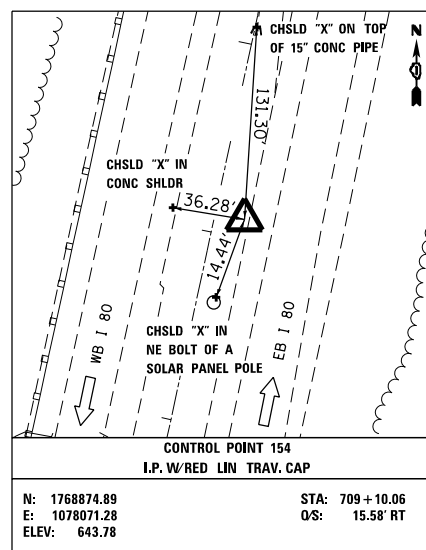
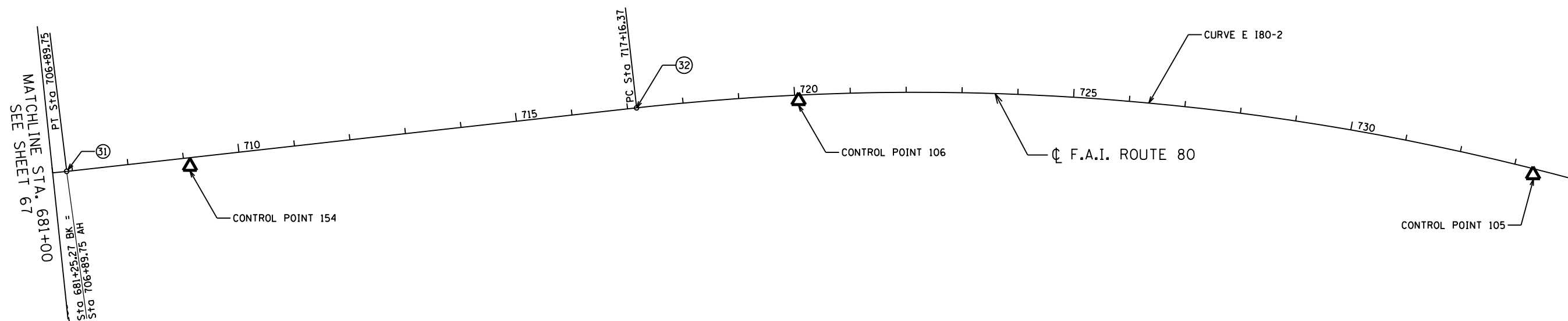
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	71
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
31	FAI - 80	P.T. STATION	706+89.75 AH	1768662.740	1078009.844
32	FAI - 80	P.C. STATION	717+16.37	1769666.533	1078225.130

CURVE DATA F.A.I. ROUTE 80

CURVE E.180-2
 PI STA. = 743+64.24
 Δ = 60° 40' 37" (RT)
 D = 1° 15' 59"
 R = 4,524.31'
 T = 2,647.87'
 L = 4,791.31'
 E = 717.89'
 P.C. STA = 717+16.37
 P.T. STA = 765+07.68



BM#	DESCRIPTION	ELEVATION
BM2	CHISELED SQUARE SOUTHERN MOST EDGE OF CONC. SHOULDER LOCATED 100' EAST OF STAMPED STATION 725 + 00.	642.73

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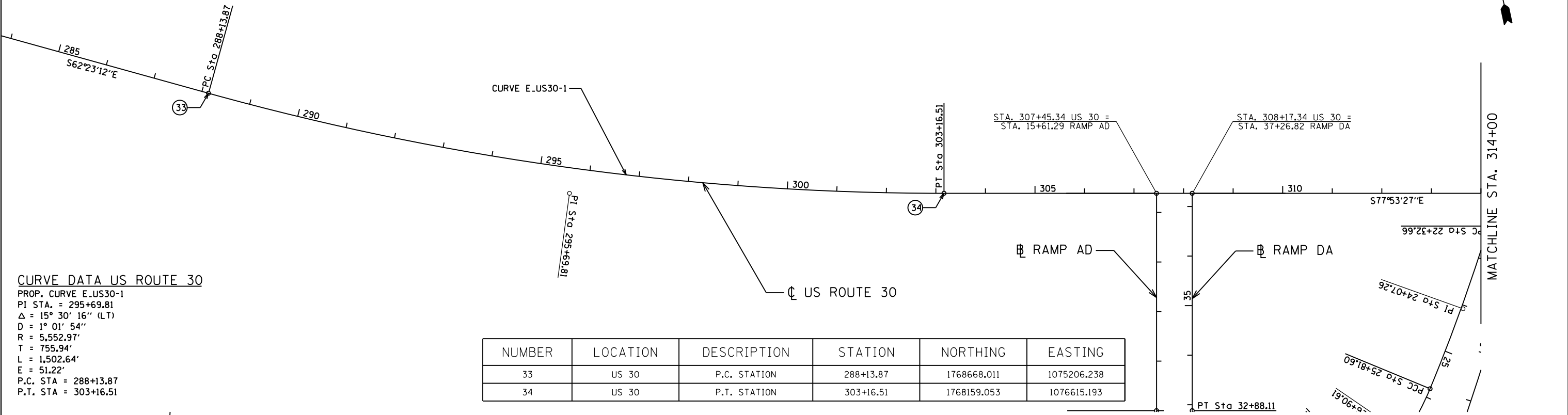
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	72
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



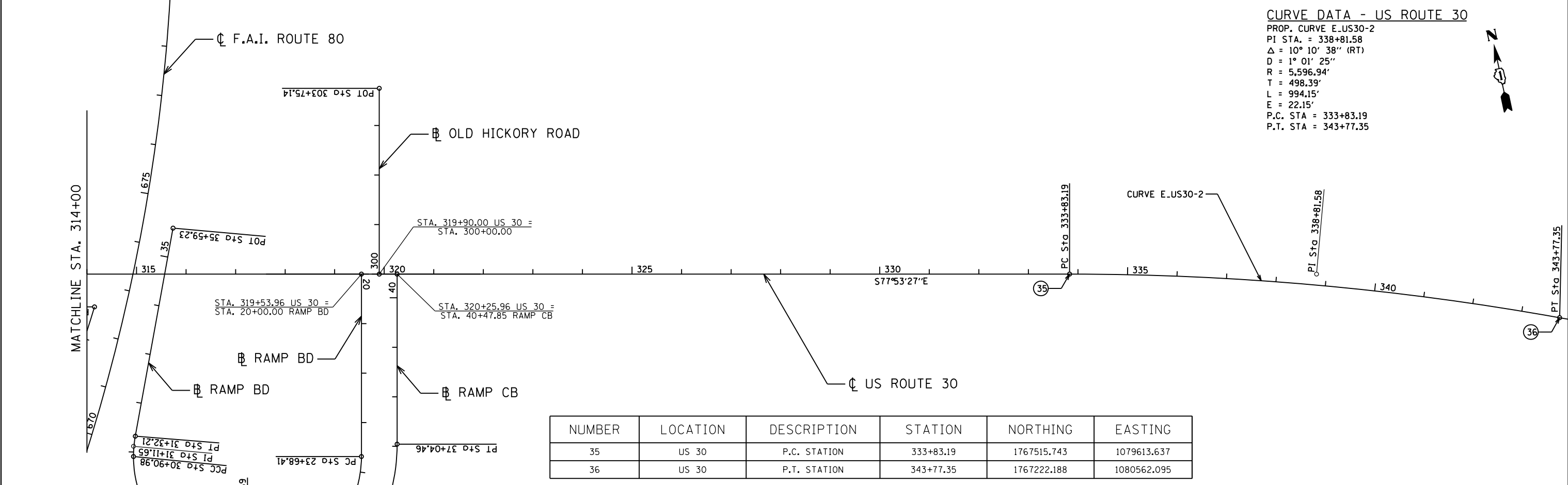
CURVE DATA US ROUTE 30

PROP. CURVE E.US30-1
 PI STA. = 295+69.81
 $\Delta = 15^\circ 30' 16''$ (LT)
 D = $1^\circ 01' 54''$
 R = 5,552.97'
 T = 755.94'
 L = 1,502.64'
 E = 51.22'
 P.C. STA = 288+13.87
 P.T. STA = 303+16.51

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
33	US 30	P.C. STATION	288+13.87	1768668.011	1075206.238
34	US 30	P.T. STATION	303+16.51	1768159.053	1076615.193

CURVE DATA - US ROUTE 30

PROP. CURVE E.US30-2
 PI STA. = 338+81.58
 $\Delta = 10^\circ 10' 38''$ (RT)
 D = $1^\circ 01' 25''$
 R = 5,596.94'
 T = 498.39'
 L = 994.15'
 E = 22.15'
 P.C. STA = 333+83.19
 P.T. STA = 343+77.35



NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
35	US 30	P.C. STATION	333+83.19	1767515.743	1079613.637
36	US 30	P.T. STATION	343+77.35	1767222.188	1080562.095

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
 ALIGNMENTS, TIES, AND BENCHMARKS**

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

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	73
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

BEGIN CABLE ROAD GUARD REMOVAL AT STATION 617+00

CL F.A.I. ROUTE 80

REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS (WB)

CABLE ROAD GUARD REMOVAL

REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS (WB)

I-80 STA 614+60 BEGIN PROJECT

EXISTING R.O.W.

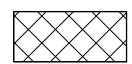




610+00

615+00

620+00

MATCHLINE STA. 623+00

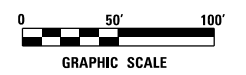
LEGEND

- PAVEMENT REMOVAL 
- BILLBOARDS 
- PAVED SHOULDER REMOVAL 
- MEDIAN REMOVAL 
- TREE REMOVAL 

SIGN

EXISTING R.O.W.

SIGN



CABLE ROAD GUARD REMOVAL

REMOVE EXISTING FLARED END SECTION

REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS

REMOVE INLET BOX

CL F.A.I. ROUTE 80

REMOVE IMPACT ATTENUATOR SAND MODULE (X6431120) CONCRETE REMOVAL

PIPE CULVERT REMOVAL -307 FT

PIPE CULVERT REMOVAL -60 FT

REMOVE EXISTING FLARED END SECTION

SIGN

COUGAR ROAD

REMOVE EXISTING FLARED END SECTION

GUARDRAIL REMOVAL

EXISTING R.O.W.

MATCHLINE STA. 623+00

625+00

630+00

635+00

MATCHLINE STA. 636+00
SEE SHEET NO. 75

STORM SEWER REMOVAL 24" -31 FT

GUARDRAIL REMOVAL

REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS

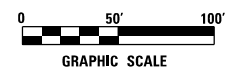
STORM SEWER REMOVAL 24" -31 FT

CABLE ROAD GUARD REMOVAL

REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS (X2)

REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS

PLUG EXISTING MANHOLES



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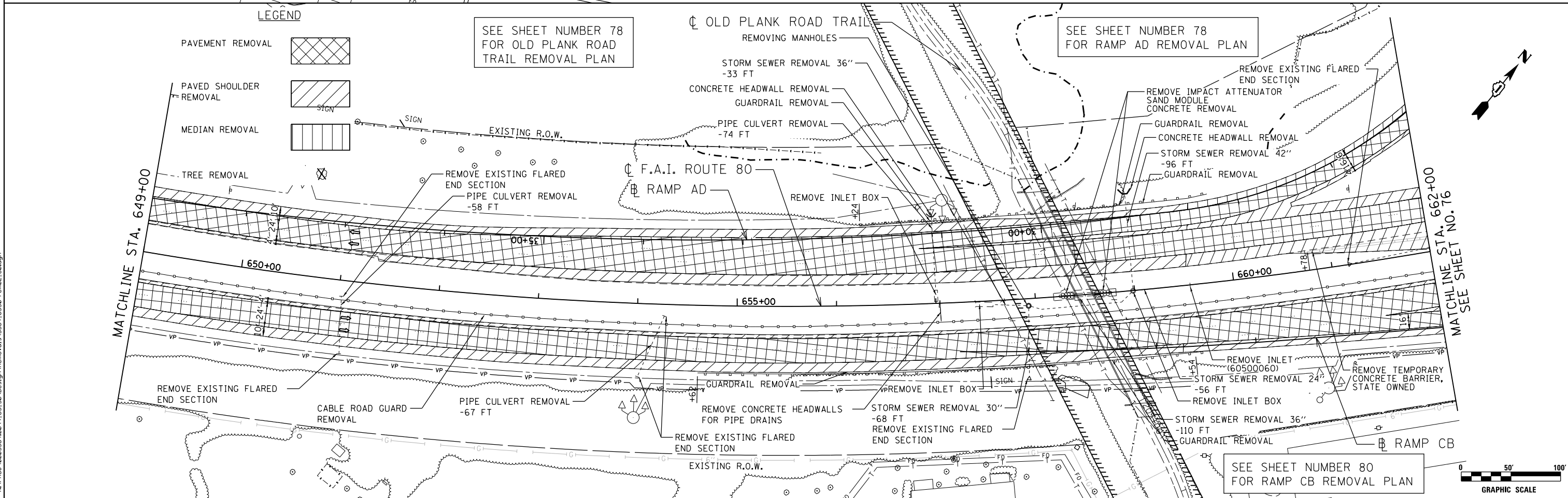
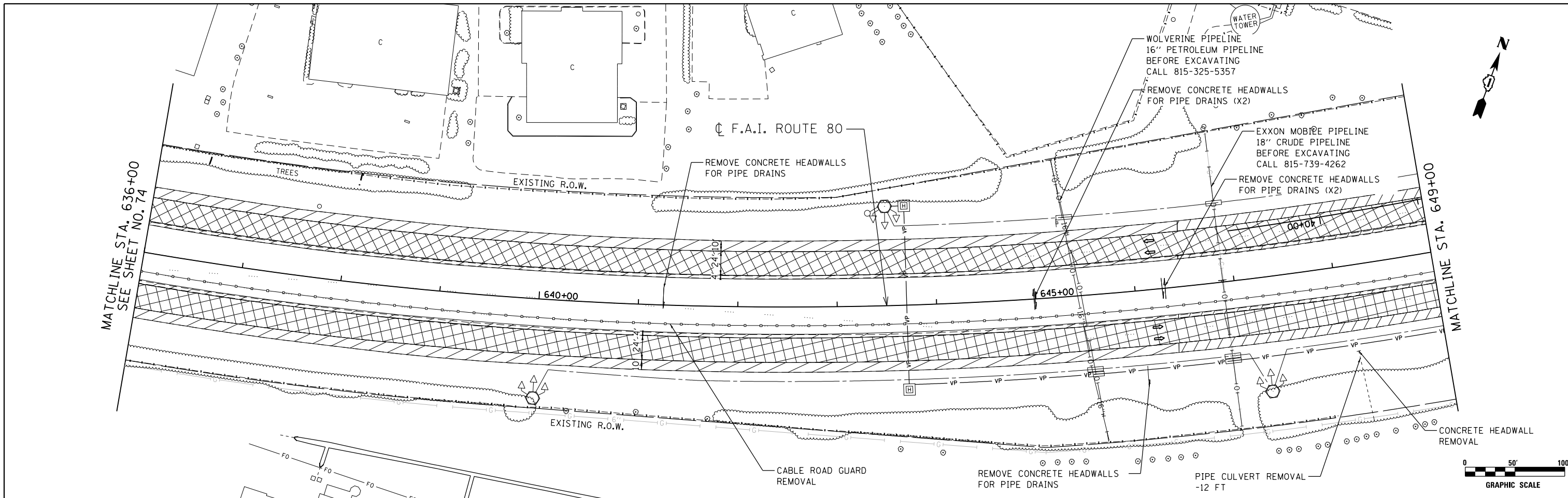
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
I-80 REMOVAL PLANS**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	74
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	



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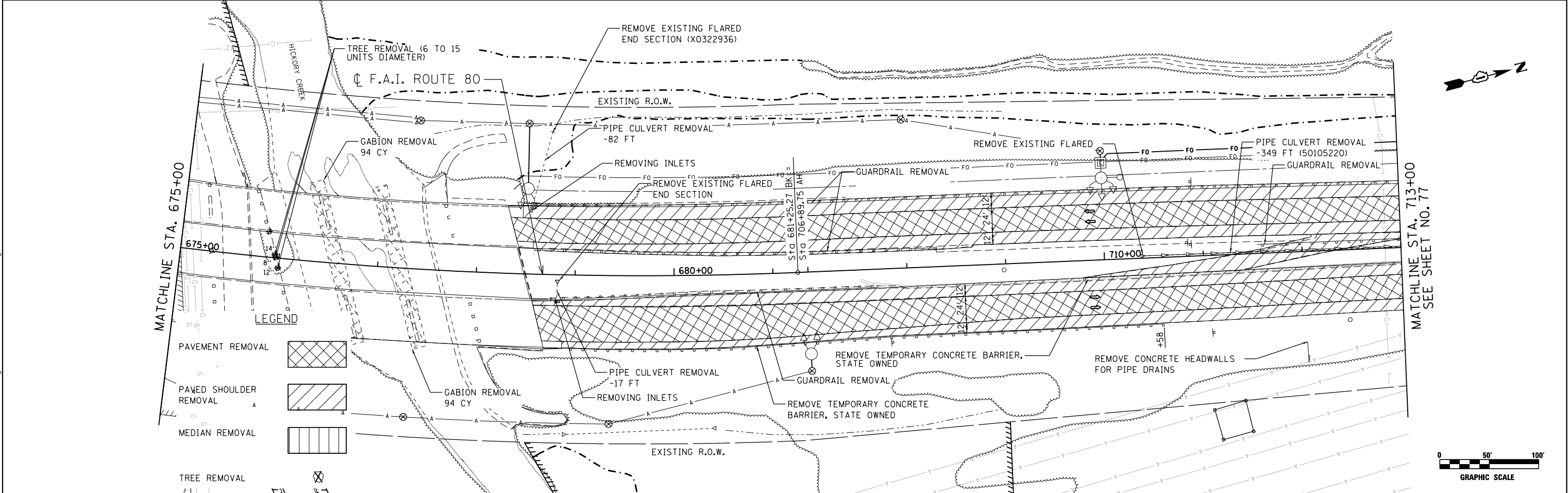
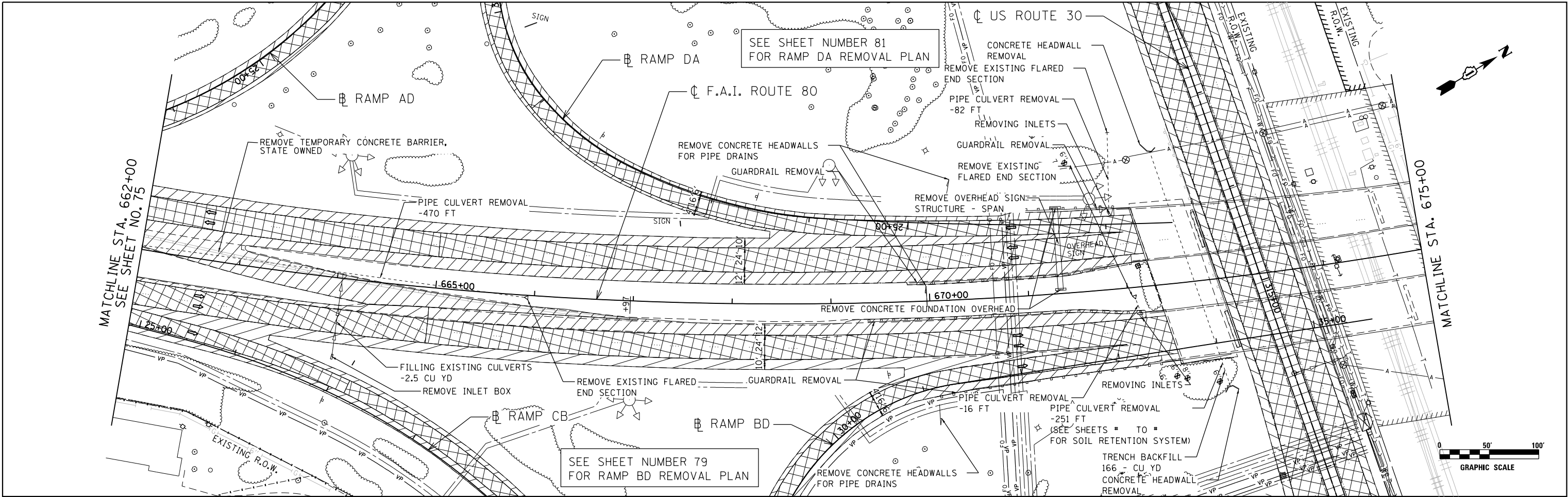
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
I-80 REMOVAL PLANS**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	75
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	



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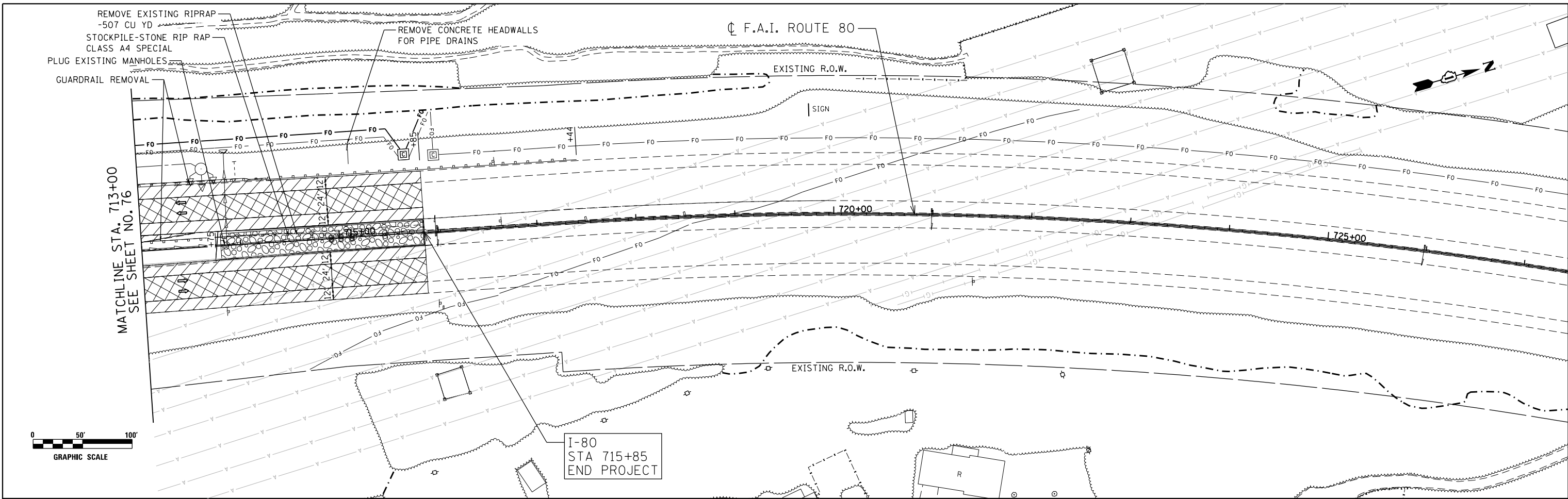
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
 I-80 REMOVAL PLANS**





SCALE: 1" = 50'

SHEET NO.	OF SHEETS	STA.	TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	76
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- PAVEMENT REMOVAL 
- PAVED SHOULDER REMOVAL 
- MEDIAN REMOVAL 
- TREE REMOVAL 

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 PLOT DATE = 5/9/2018

DESIGNED - EPS
 DRAWN - NGT
 CHECKED - DJO
 DATE - 05/10/2018

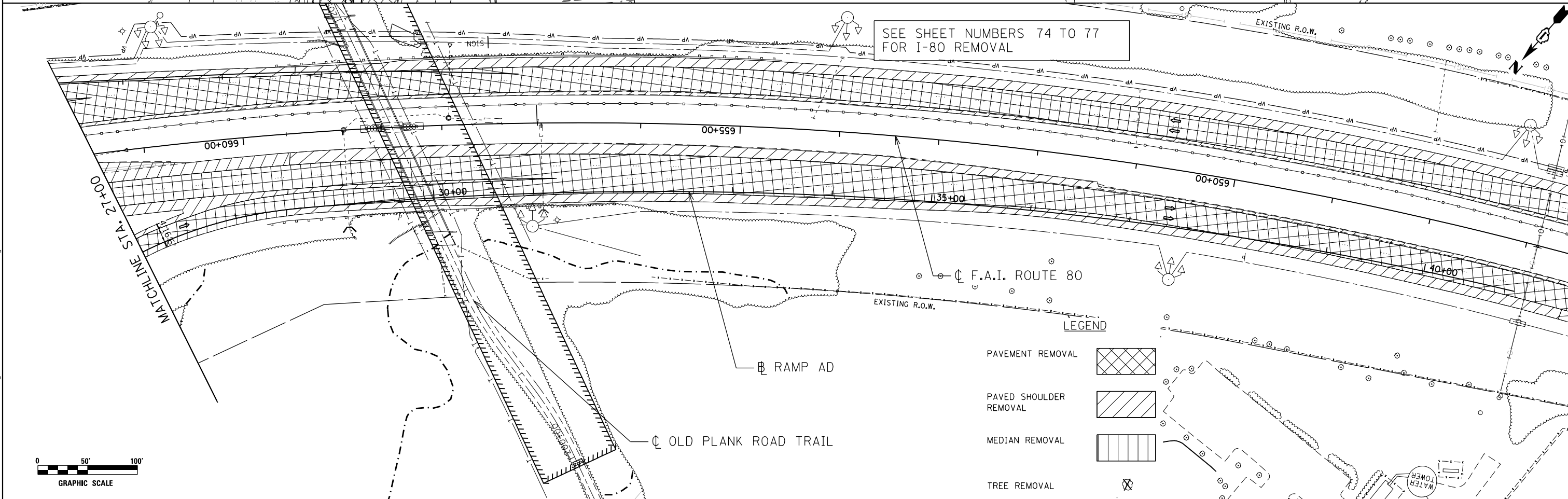
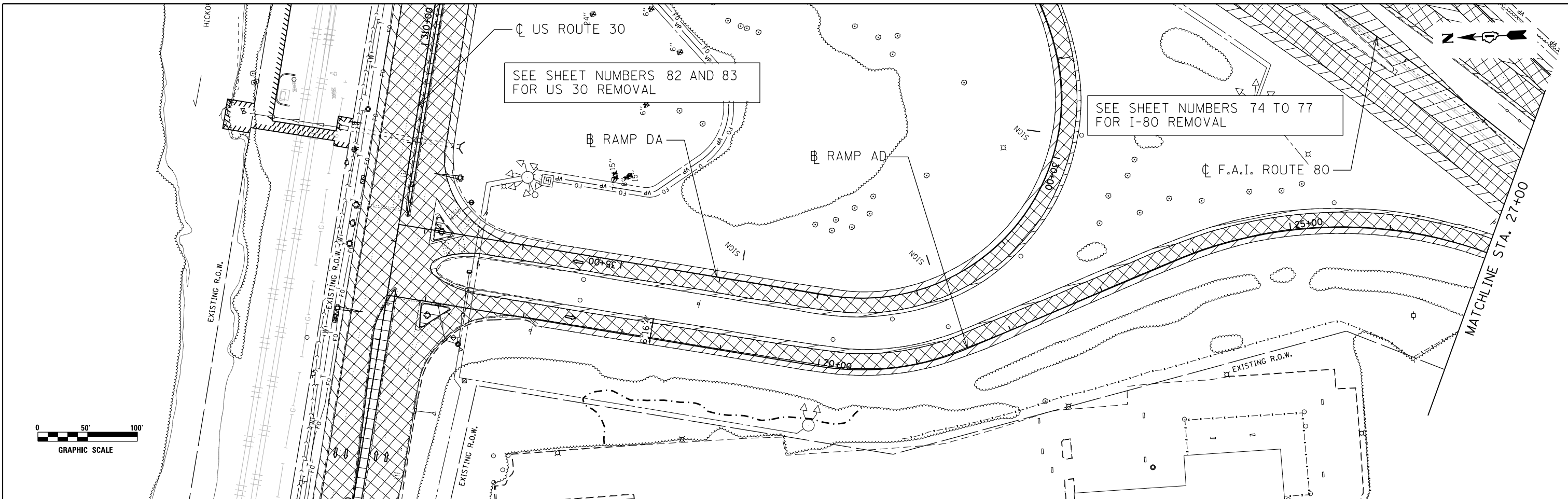
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
 I-80 REMOVAL PLANS**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	77
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE PLOTTED = 5/9/2018 8:53:47 AM
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 PLOT CONFIG = \$PLOTCONFIG\$
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ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60625
 Tel. 773.775.4009 Fax 773.775.4014
 Email: cigrp@clorba.com

USER NAME = NTUMBEY	DESIGNED - EPS	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - NGT	REVISED -
PLOT DATE = 5/9/2018	CHECKED - DJO	REVISED -
	DATE - 05/10/2018	REVISED -


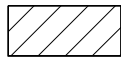


**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

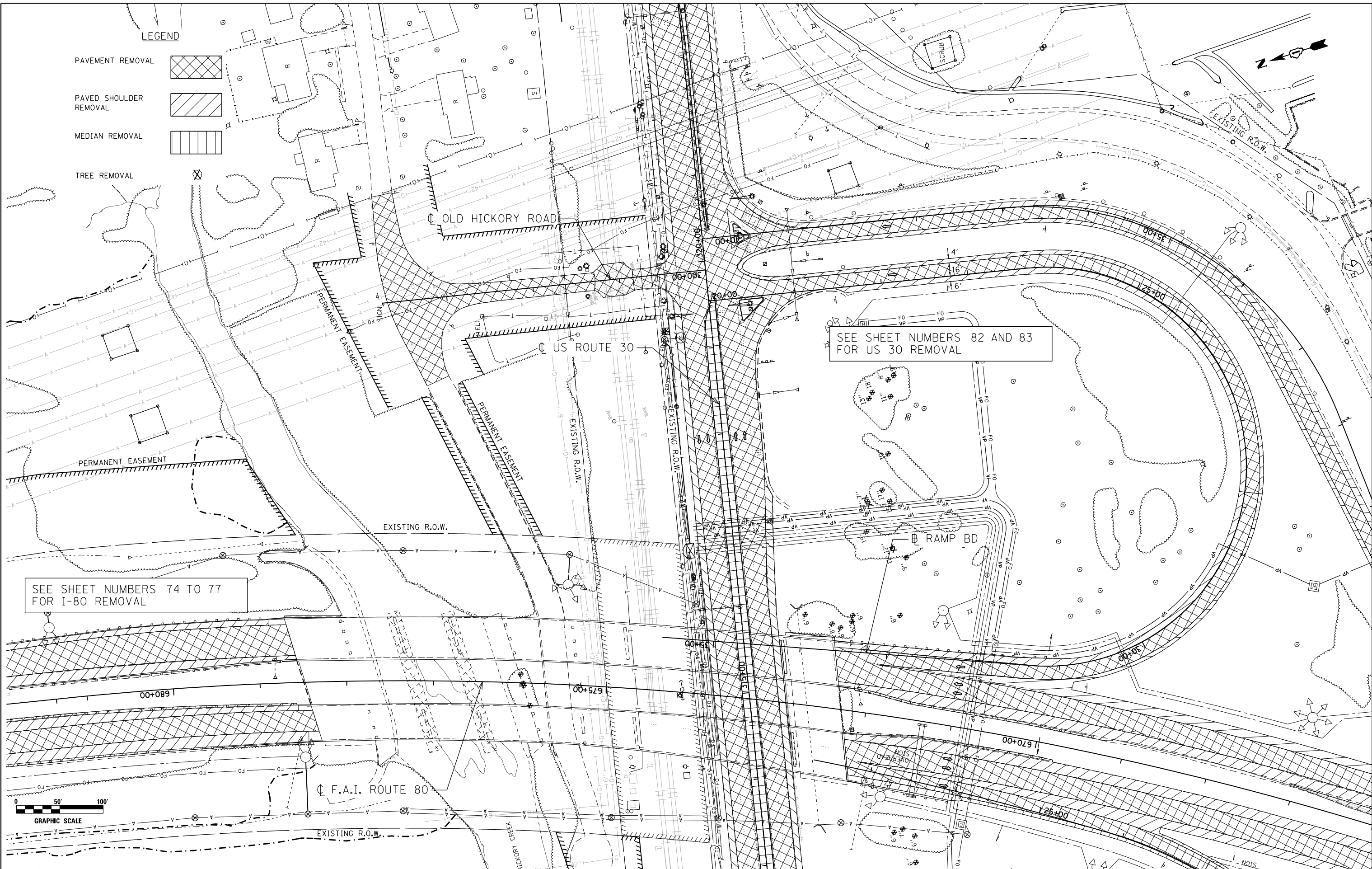
**F.A.I. 80 / US 30 INTERCHANGE
 RAMP AD REMOVAL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

80 R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	78
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

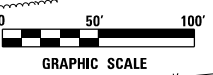
LEGEND

- PAVEMENT REMOVAL 
- PAVED SHOULDER REMOVAL 
- MEDIAN REMOVAL 
- TREE REMOVAL 



SEE SHEET NUMBERS 82 AND 83 FOR US 30 REMOVAL

SEE SHEET NUMBERS 74 TO 77 FOR I-80 REMOVAL



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ENGINEERING CONSULTANT

Clorba Group, Inc.
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60656
 Tel. 773.775.4009 Fax 773.775.4014
 Email: clltago@clorba.com

USER NAME = NTUMBEV
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 5/9/2018

DESIGNED - EPS
 DRAWN - NGT
 CHECKED - DJO
 DATE - 05/10/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

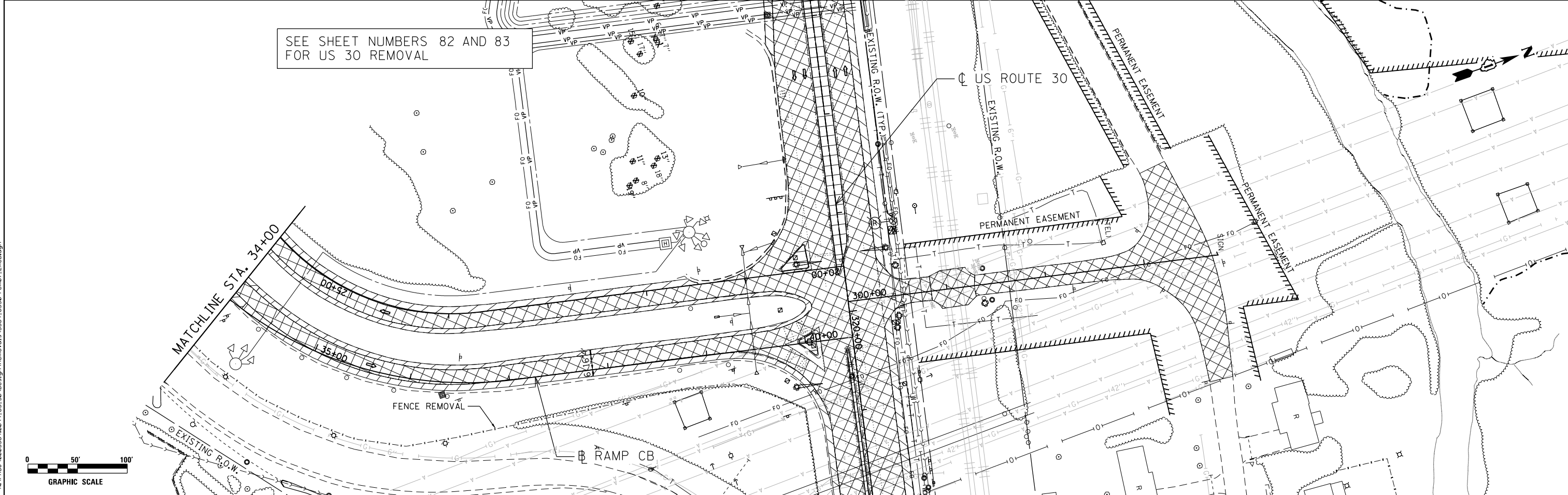
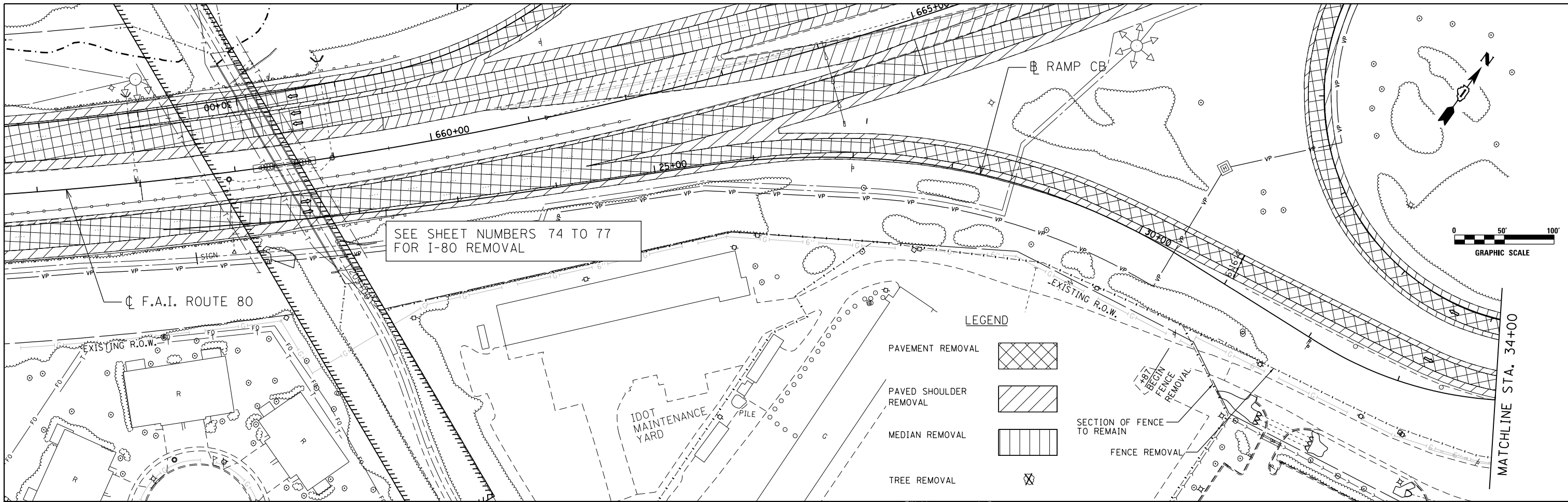
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
 RAMP BD REMOVAL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	79

CONTRACT NO. 60N87
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



DATE PLOTTED = 5/9/2018 8:53:51 AM
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ENGINEERING CONSULTANT

Clorba Group, Inc.
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60655
 Tel. 773.775.4009 Fax 773.775.4014
 Email: cllt@clorba.com

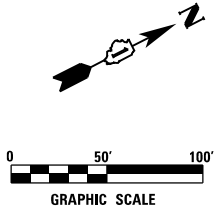
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	DATE - 05/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
RAMP CB REMOVAL PLAN

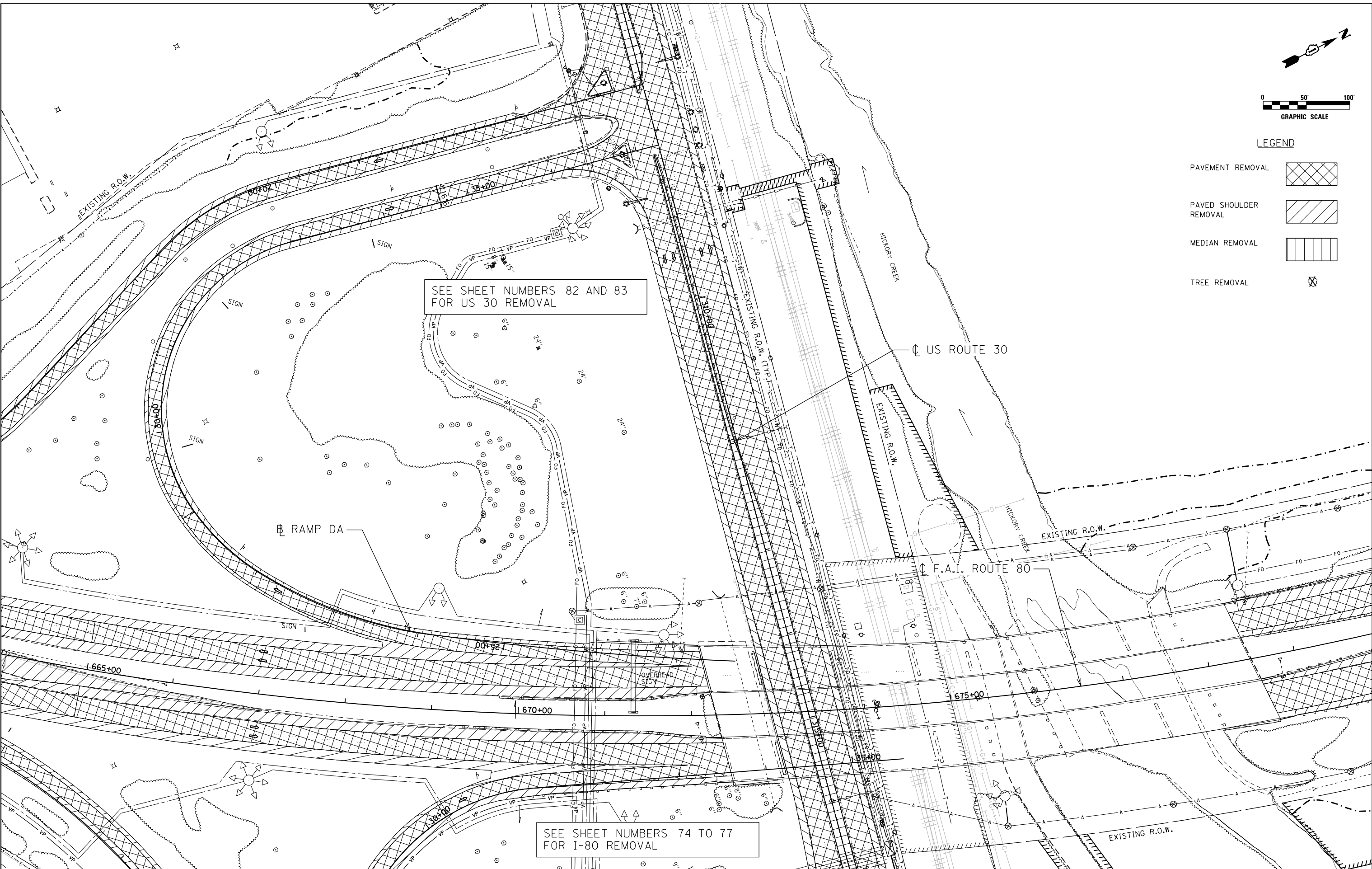
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	80
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- MEDIAN REMOVAL
- TREE REMOVAL



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ENGINEERING CONSULTANT

Clorba Group, Inc.
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60656
 Tel. 773.775.4009 Fax 773.775.4014
 Email: cll@clorba.com

USER NAME = NTUMBEV	DESIGNED - EPS	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - NGT	REVISED -
PLOT DATE = 5/9/2018	CHECKED - DJO	REVISED -
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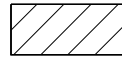
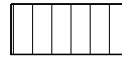

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

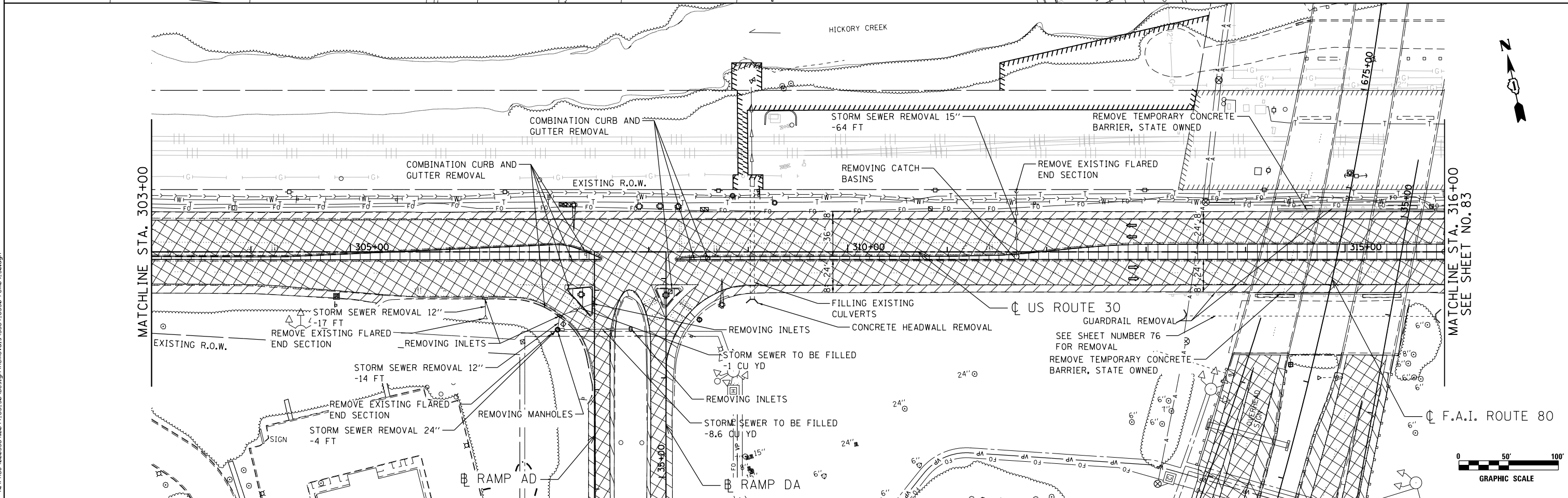
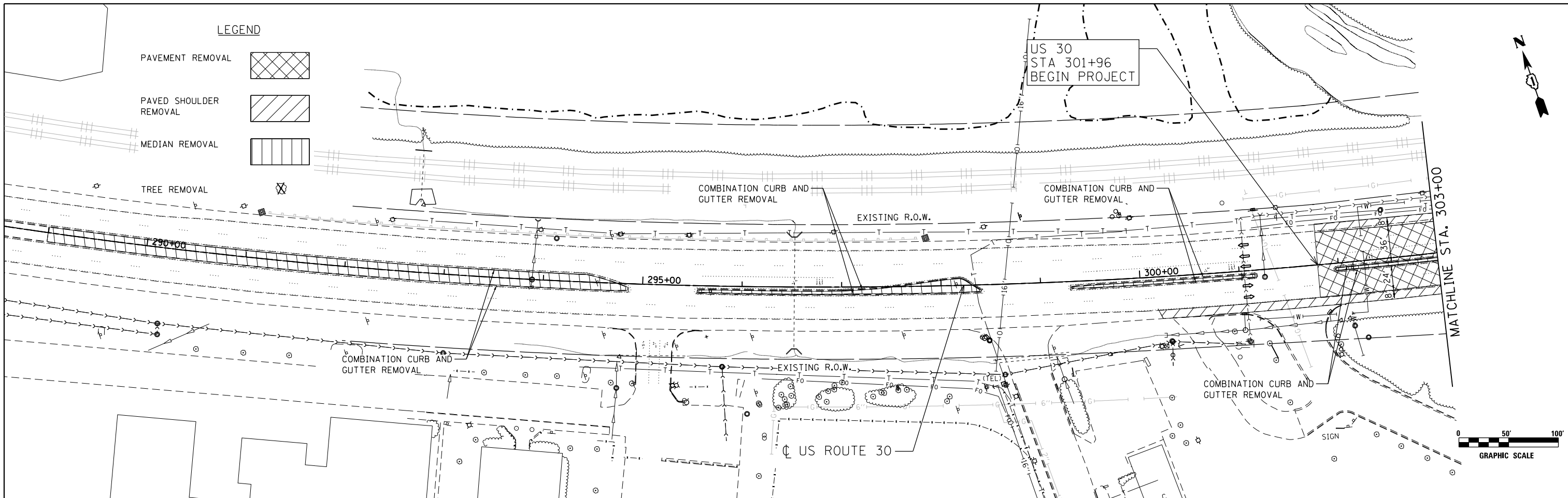
**F.A.I. 80 / US 30 INTERCHANGE
 RAMP DA REMOVAL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	81
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LEGEND

- PAVEMENT REMOVAL 
- PAVED SHOULDER REMOVAL 
- MEDIAN REMOVAL 
- TREE REMOVAL 



DATE PLOTTED = 5/9/2018 8:53:54 AM
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Clorba Group, Inc.
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60625
 Tel. 773.775.4009 Fax 773.775.4014
 Email: cgr@clorba.com

USER NAME = NTUMBEY	DESIGNED - EPS	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN - NGT	REVISED -
PLOT DATE = 5/9/2018	CHECKED - DJO	REVISED -
	DATE - 05/10/2018	REVISED -

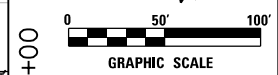
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
 US 30 REMOVAL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

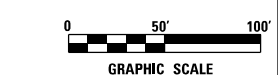
80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	82
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 316+00
SEE SHEET NO. 82



MATCHLINE STA. 329+00

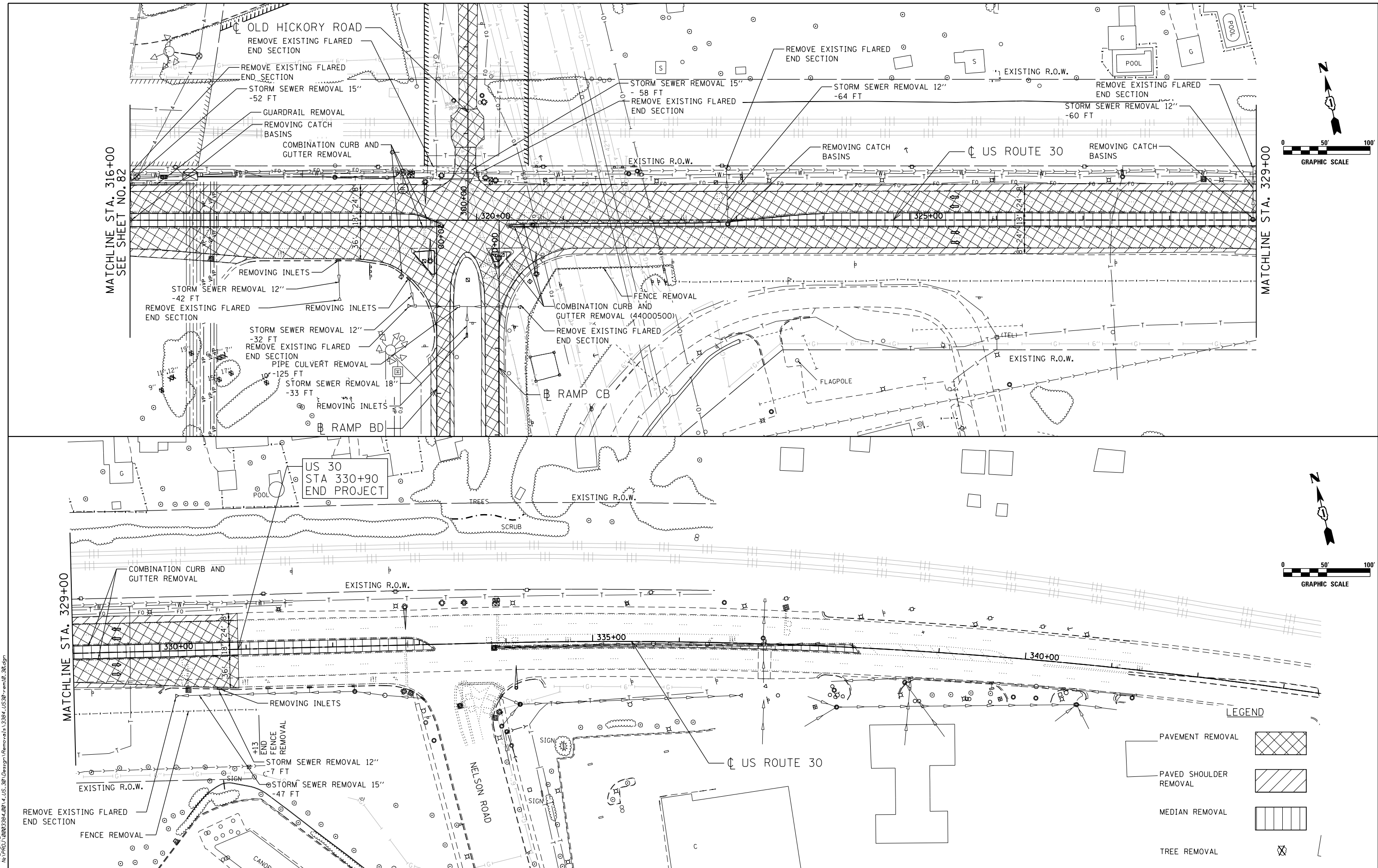
MATCHLINE STA. 329+00



US 30
STA 330+90
END PROJECT

LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- MEDIAN REMOVAL
- TREE REMOVAL



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ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60656
 Tel. 773.775.4009 Fax 773.775.4014
 Email: clorbag@clorba.com

USER NAME = NTUMBEV	DESIGNED - EPS	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - NGT	REVISED -
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	DATE - 05/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

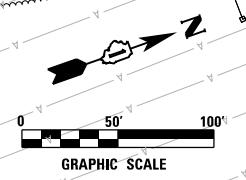
**F.A.I. 80 / US 30 INTERCHANGE
US 30 REMOVAL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	83
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SEE SHEET NUMBERS 82 AND 83
FOR US 30 REMOVAL



LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- MEDIAN REMOVAL
- TREE REMOVAL

DATE PLOTTED = 5/9/2018 8:53:37 AM
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ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60655
 Tel. 773.775.4009 Fax 773.775.4014
 Email: clorba@clorba.com

USER NAME = NTUMBEV
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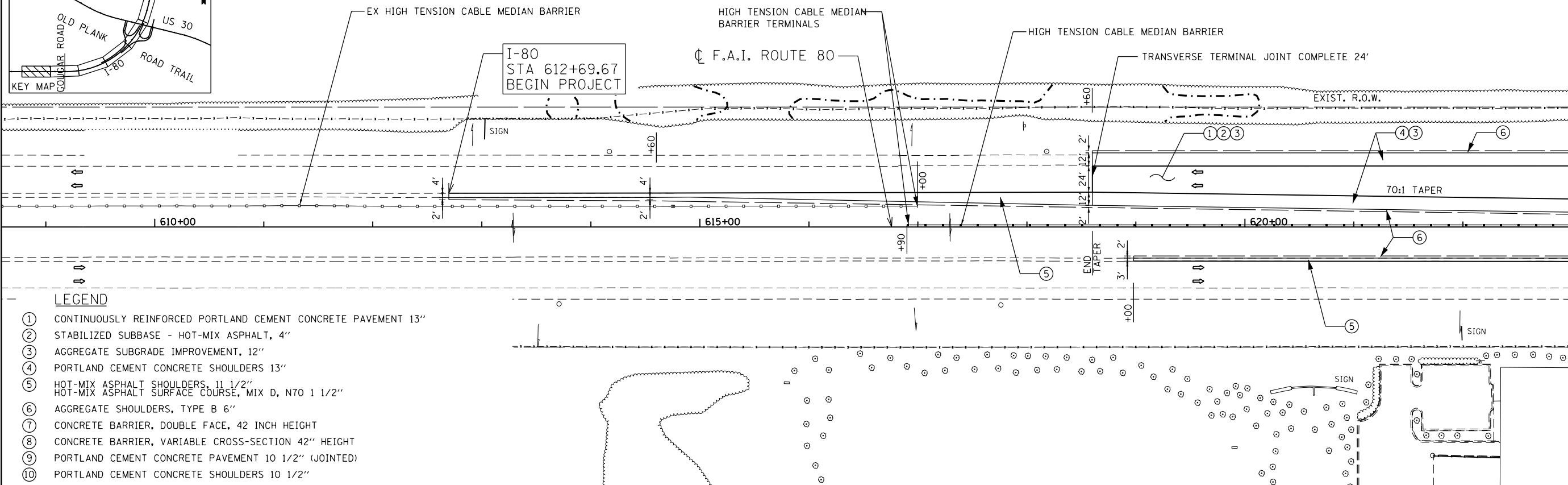
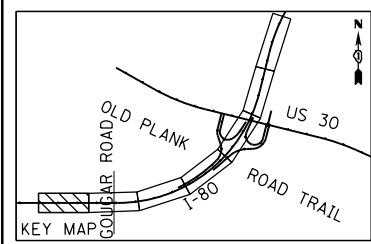
DESIGNED -
 DRAWN -
 CHECKED -
 DATE - 05/10/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
 OLD HICKORY ROAD REMOVAL PLAN**
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	84
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

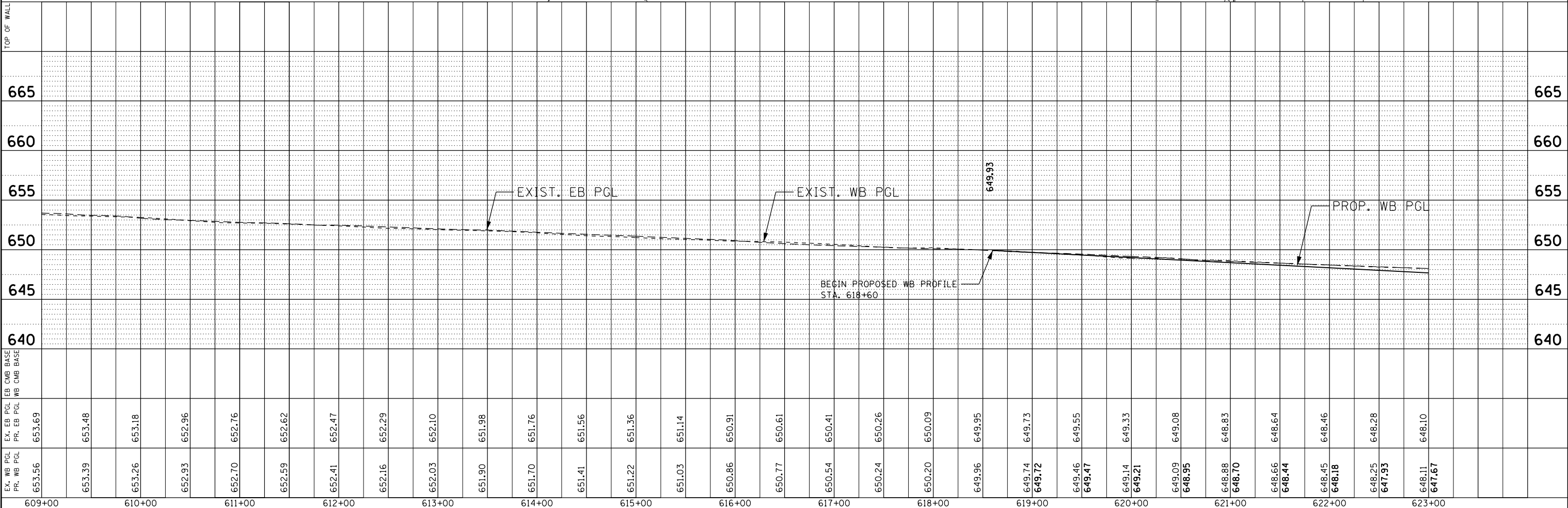


LEGEND

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
- ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2"
- ⑥ AGGREGATE SHOULDERS, TYPE B 6"
- ⑦ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑧ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
- ⑨ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- ⑩ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"



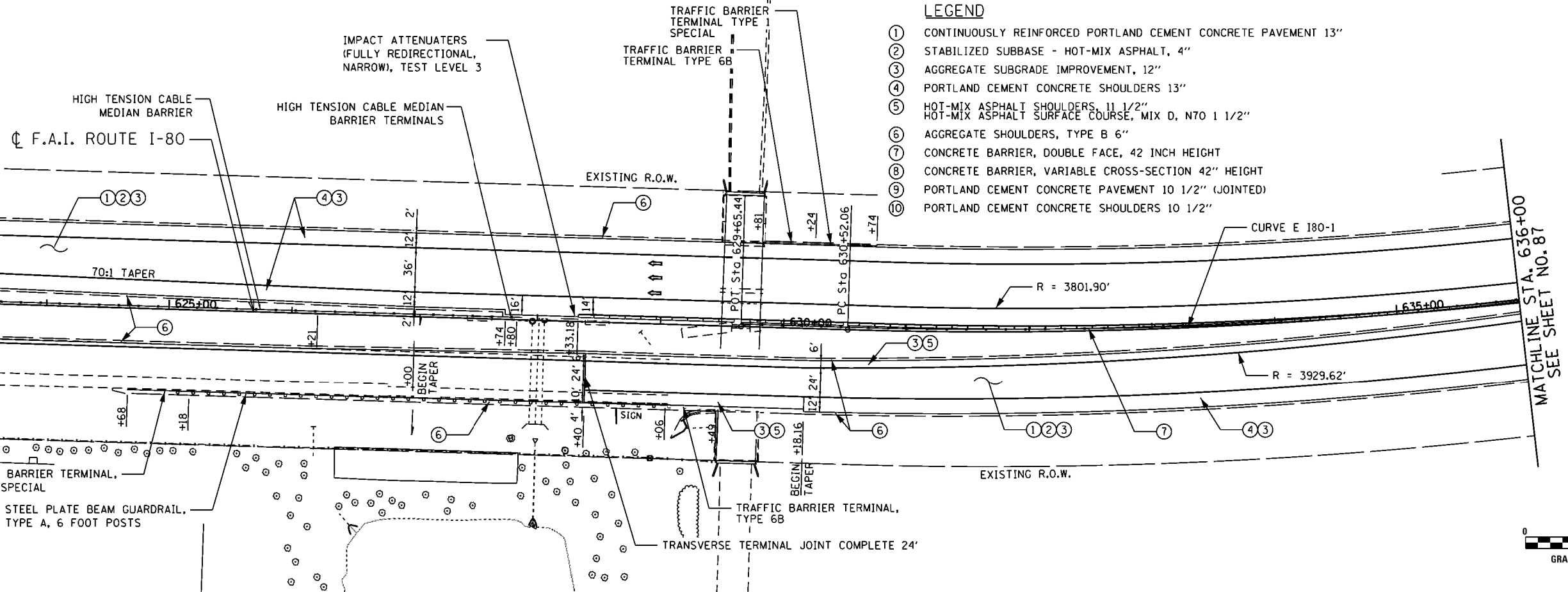
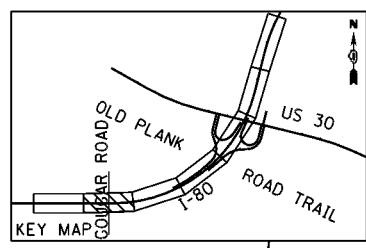
MATCHLINE STA. 623+00
SEE SHEET NO. 86



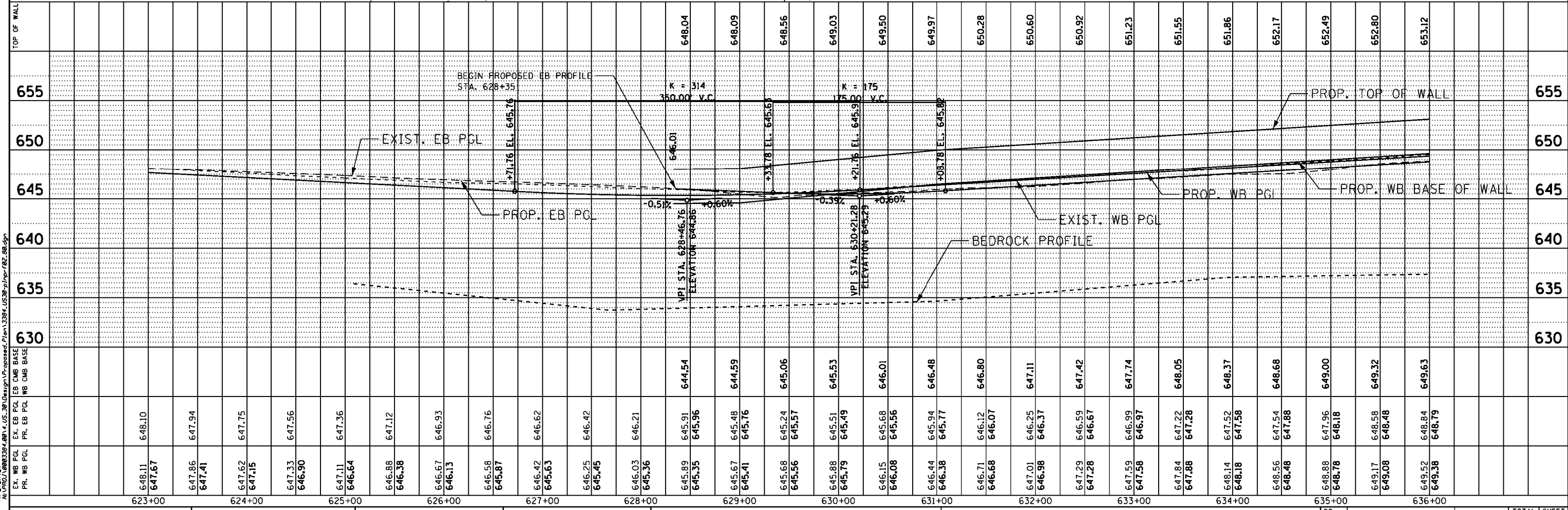
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609+00	653.56	653.69				
610+00	653.39	653.48				
611+00	653.26	653.18				
612+00	652.93	652.96				
613+00	652.70	652.76				
614+00	652.59	652.62				
615+00	652.41	652.47				
616+00	652.16	652.29				
617+00	652.03	652.10				
618+00	651.90	651.98				
619+00	651.70	651.76				
620+00	651.41	651.56				
621+00	651.22	651.36				
622+00	651.03	651.14				
623+00	650.86	650.91				
624+00	650.77	650.61				
625+00	650.54	650.41				
626+00	650.24	650.26				
627+00	650.20	650.09				
628+00	649.96	649.95				
629+00	649.74	649.73				
630+00	649.46	649.55				
631+00	649.47	649.47				
632+00	649.14	649.33				
633+00	649.21	649.21				
634+00	649.09	649.08				
635+00	648.95	648.95				
636+00	648.88	648.83				
637+00	648.70	648.70				
638+00	648.66	648.64				
639+00	648.45	648.46				
640+00	648.18	648.18				
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644+00	647.67	647.67				

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 Clorba Group, Inc. CONSULTING ENGINEERS 8007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel. 773.775.4009 Fax 773.775.4014 Email: info@clorba.com	USER NAME = espina PLOT SCALE = 100.0000 ' / in. PLOT DATE = 6/6/2018	DESIGNED - \$DES_RDWY DRAWN - \$DRAWN_RDWY CHECKED - \$CHK_RDWY DATE - 01/20/2018	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE I-80 ROADWAY PLAN AND PROFILE	80 RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 80 99-4-1VB-1-R WILL 840 85	CONTRACT NO. 60N87
	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



- LEGEND**
- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
 - ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
 - ⑤ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
 - ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX D, NTO 1 1/2"
 - ⑦ AGGREGATE SHOULDERS, TYPE B 6"
 - ⑧ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
 - ⑨ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
 - ⑩ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
 - ⑪ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"



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ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 8037 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60658
 Tel. 773.775.4009 Fax 773.775.4014
 Email: clorba@clorba.com

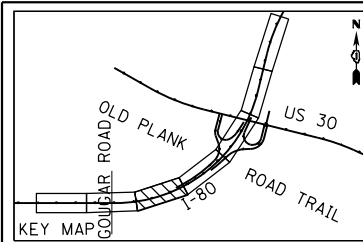
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

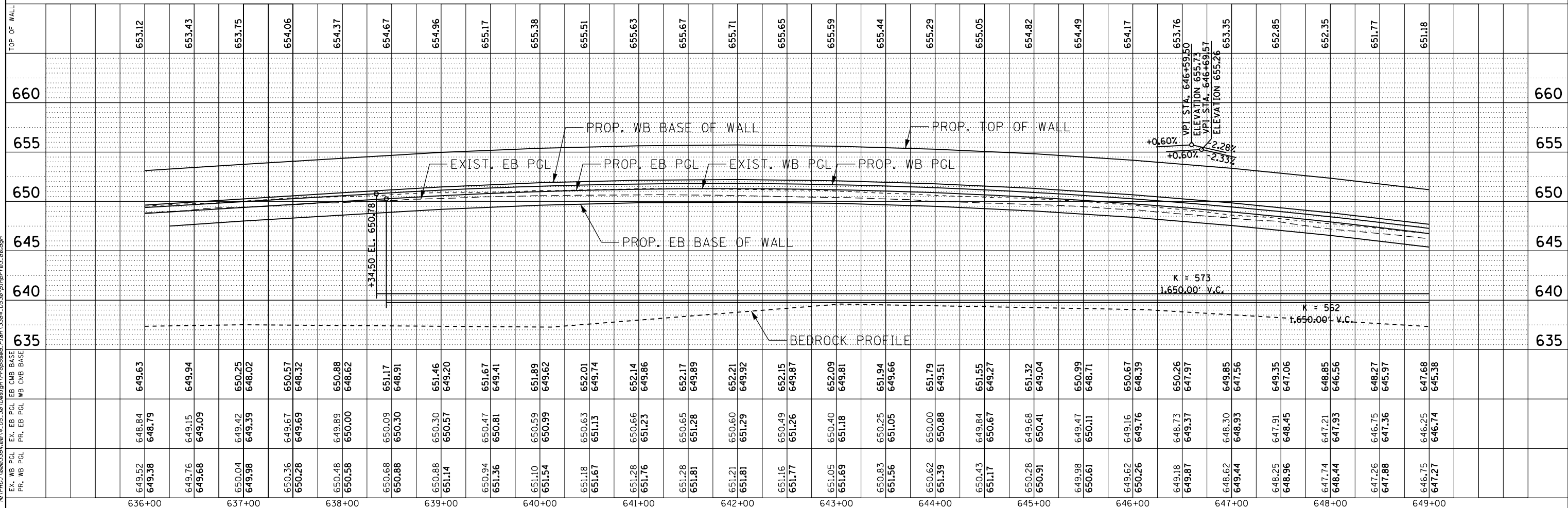
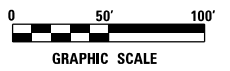
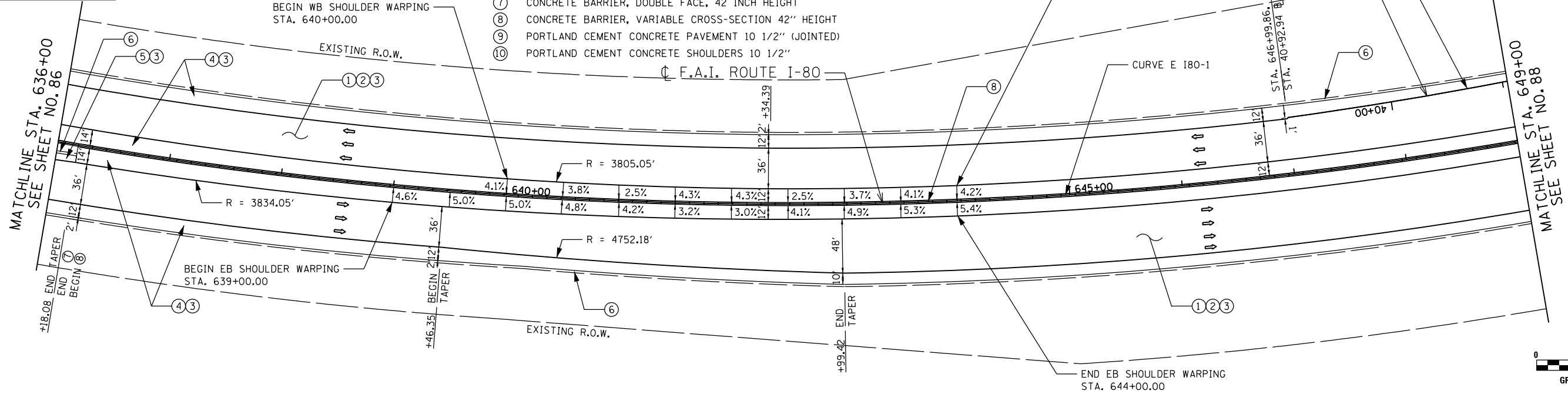
F.A.I. 80 / US 30 INTERCHANGE
I-80 ROADWAY PLAN AND PROFILE

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	86
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
 - ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
 - ⑤ HOT-MIX ASPHALT SHOULDERS, 1 1/2"
 - ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2"
 - ⑦ AGGREGATE SHOULDERS, TYPE B 6"
 - ⑧ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
 - ⑨ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
 - ⑩ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
 - ⑪ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"



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636+00	649.52	648.84	649.63	649.38	648.79	
637+00	649.76	649.15	649.94	649.68	649.09	
638+00	650.04	649.42	650.25	649.98	648.02	
639+00	650.36	649.67	650.57	650.28	648.32	
640+00	650.48	649.89	650.88	650.58	648.62	
641+00	650.68	650.09	651.17	650.88	650.30	648.91
642+00	650.88	650.30	651.46	651.14	650.57	649.20
643+00	650.94	650.47	651.67	651.36	650.81	649.41
644+00	651.10	650.59	651.89	651.54	650.99	649.62
645+00	651.18	650.63	652.01	651.67	651.13	649.74
646+00	651.28	650.66	652.14	651.76	651.23	649.86
647+00	651.28	650.65	652.17	651.81	651.28	649.89
648+00	651.21	650.60	652.21	651.81	651.29	649.92
649+00	651.16	650.49	652.15	651.77	651.26	649.87
650+00	651.05	650.40	652.09	651.69	651.18	649.81
651+00	650.83	650.25	651.94	651.56	651.05	649.66
652+00	650.62	650.00	651.79	651.39	650.88	649.51
653+00	650.43	649.84	651.55	651.17	650.67	649.27
654+00	650.28	649.68	651.32	650.91	650.41	649.04
655+00	649.98	649.47	650.99	650.61	650.11	648.71
656+00	649.62	649.16	650.67	649.26	649.76	648.39
657+00	649.18	648.73	650.26	649.18	649.37	647.97
658+00	648.62	648.30	649.85	649.44	648.33	647.56
659+00	648.25	647.91	649.35	648.96	648.45	647.06
660+00	647.74	647.21	648.85	648.44	647.93	646.56
661+00	647.26	646.75	648.27	647.88	647.36	645.97
662+00	646.75	646.25	647.68	647.27	646.74	645.38

ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60656
 Tel. 773.775.4009 Fax 773.775.4014
 Email: info@clorba.com

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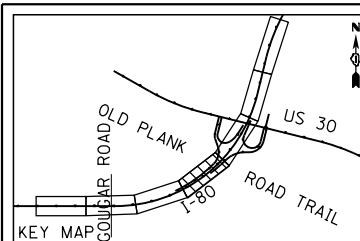
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
I-80 ROADWAY PLAN AND PROFILE

SCALE: 1" = 50'

SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	84	87
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



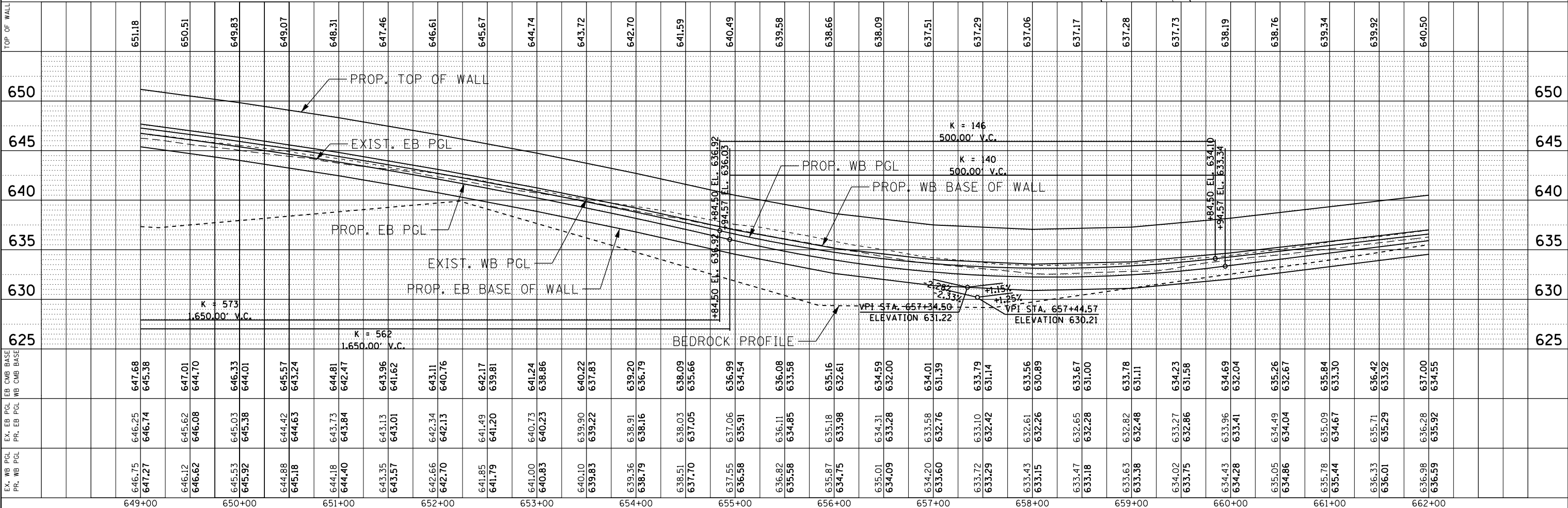
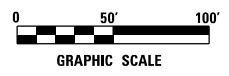
- LEGEND**
- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
 - ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
 - ⑤ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
 - ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2"
 - ⑦ AGGREGATE SHOULDERS, TYPE B 6"
 - ⑧ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
 - ⑨ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
 - ⑩ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
 - ⑪ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"

MATCHLINE STA. 649+00
SEE SHEET NO. 87

MATCHLINE STA. 662+00
SEE SHEET NO. 89

SEE SHEET NUMBERS 92 AND 93
FOR RAMP AD PLAN AND PROFILE

SEE SHEET NUMBERS 94 AND 95
FOR RAMP AD PLAN AND PROFILE



TOP OF WALL	650	645	640	635	630	625
649+00	649.07	648.31	647.46	646.61	645.67	644.74
650+00	645.51	644.83	644.01	643.24	642.47	641.62
651+00	641.18	640.42	640.07	639.24	638.41	637.58
652+00	640.49	639.72	638.96	638.11	637.26	636.41
653+00	639.58	638.81	638.05	637.20	636.44	635.68
654+00	638.66	637.89	637.13	636.37	635.61	634.85
655+00	637.74	636.97	636.21	635.45	634.69	633.93
656+00	636.82	636.05	635.29	634.53	633.77	633.01
657+00	635.90	635.13	634.37	633.61	632.85	632.09
658+00	634.98	634.21	633.45	632.69	631.93	631.17
659+00	634.06	633.29	632.53	631.77	631.01	630.25
660+00	633.14	632.37	631.61	630.85	630.09	629.33
661+00	632.22	631.45	630.69	629.93	629.17	628.41
662+00	631.30	630.53	629.77	629.01	628.25	627.49

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ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60630
 Tel. 773.775.4009 Fax 773.775.4014
 Email: clorba@clorba.com

USER NAME = dwierzbicki	DESIGNED = #DES_RDWY	REVISED =
PLOT SCALE = 100.0000' / in.	DRAWN = #DRAWN_RDWY	REVISED =
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

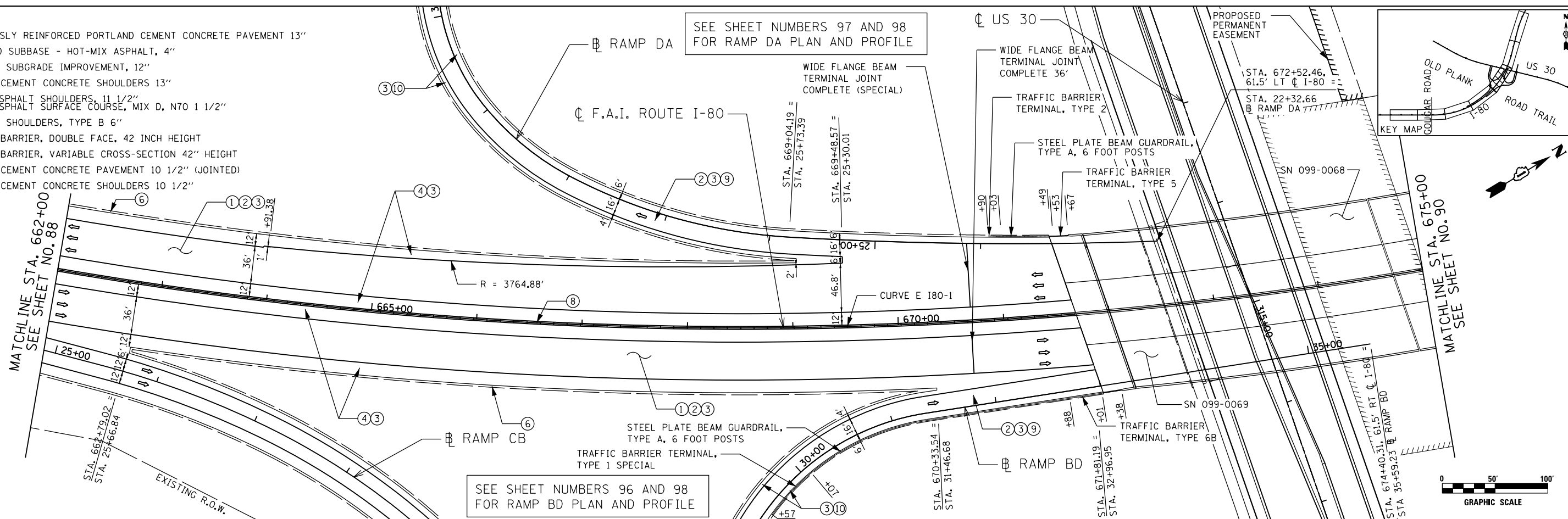
F.A.I. 80 / US 30 INTERCHANGE
I-80 ROADWAY PLAN AND PROFILE

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	84	88
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LEGEND

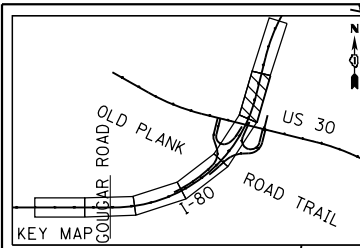
- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
- ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 1 1/2"
- ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2"
- ⑦ AGGREGATE SHOULDERS, TYPE B 6"
- ⑧ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑨ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
- ⑩ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- ⑪ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"



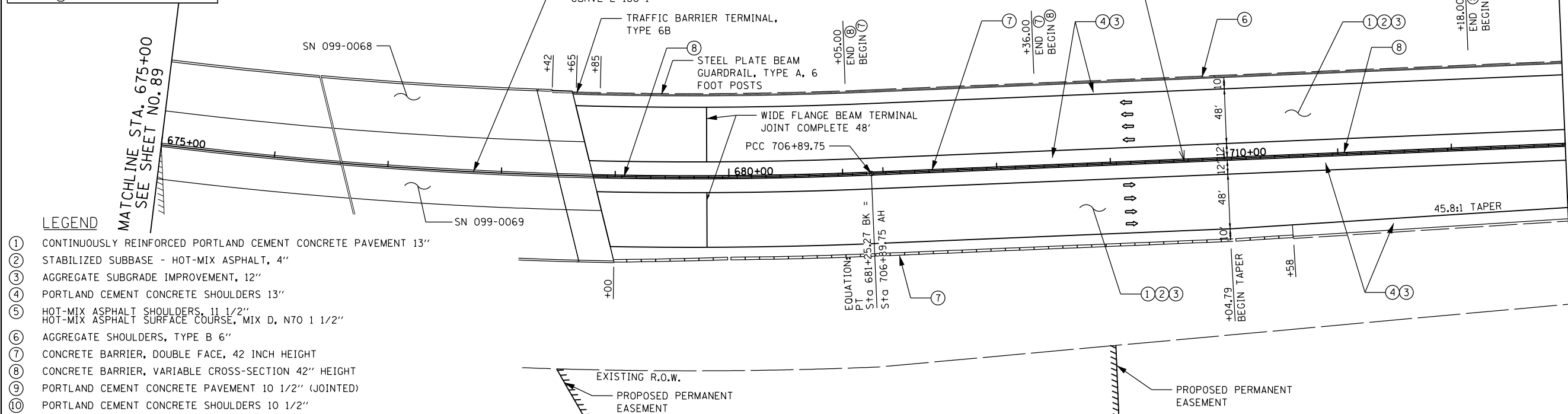
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650																											
645																											
640																											
635																											
630																											
625																											
EXIST. WB PCL	636.98	637.72	638.36	639.01	639.70	640.18	640.59	641.15	641.56	641.98	642.65	643.15	643.63	644.13	644.53	644.93	645.30	645.54	645.88	646.16	646.39	646.63	647.03	647.15	647.29	647.38	
PR. WB PCL	636.59	637.16	637.74	638.32	638.89	639.47	640.04	640.62	641.20	641.77	642.35	642.91	643.44	644.04	644.64	645.24	645.84	646.54	646.95	647.51	648.01	648.51	649.03	649.15	649.29	649.38	
EXIST. EB PCL	637.00	637.58	638.15	638.72	639.30	639.88	640.45	641.03	641.60	642.18	642.76	643.31	643.85	644.33	644.81	645.23	645.65	646.00	646.35	646.64	646.93	647.16	647.55	647.71	647.81	647.91	
PR. EB PCL	634.55	635.18	635.81	636.44	637.06	637.69	638.31	638.94	640.34	641.51	642.19	642.81	643.40	644.05	644.66	645.39	646.00	646.81	647.18	647.51	647.84	648.11	648.33	648.48	648.58	648.60	
EXIST. WB BASE OF WALL																											
PR. WB BASE OF WALL																											
EXIST. EB BASE OF WALL																											
PR. EB BASE OF WALL																											
BEDROCK PROFILE																											

<p>Clorba Group, Inc. CONSULTING ENGINEERS 8007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60639 Tel. 773.775.4009 Fax 773.775.4014 E-mail: clorba@clorba.com</p>	USER NAME = dwierzbicki PLOT SCALE = 100.0000' / 1" = PLOT DATE = 6/4/2018	DESIGNED - #DES_RDWY DRAWN - #DRAWN_RDWY CHECKED - #CHK_RDWY DATE - 01/20/2018	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE I-80 ROADWAY PLAN AND PROFILE	80 R.F.E. SECTION 99-4-1VB-1-R COUNTY WILL TOTAL SHEETS 841 SHEET NO. 89 CONTRACT NO. 60N87
	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

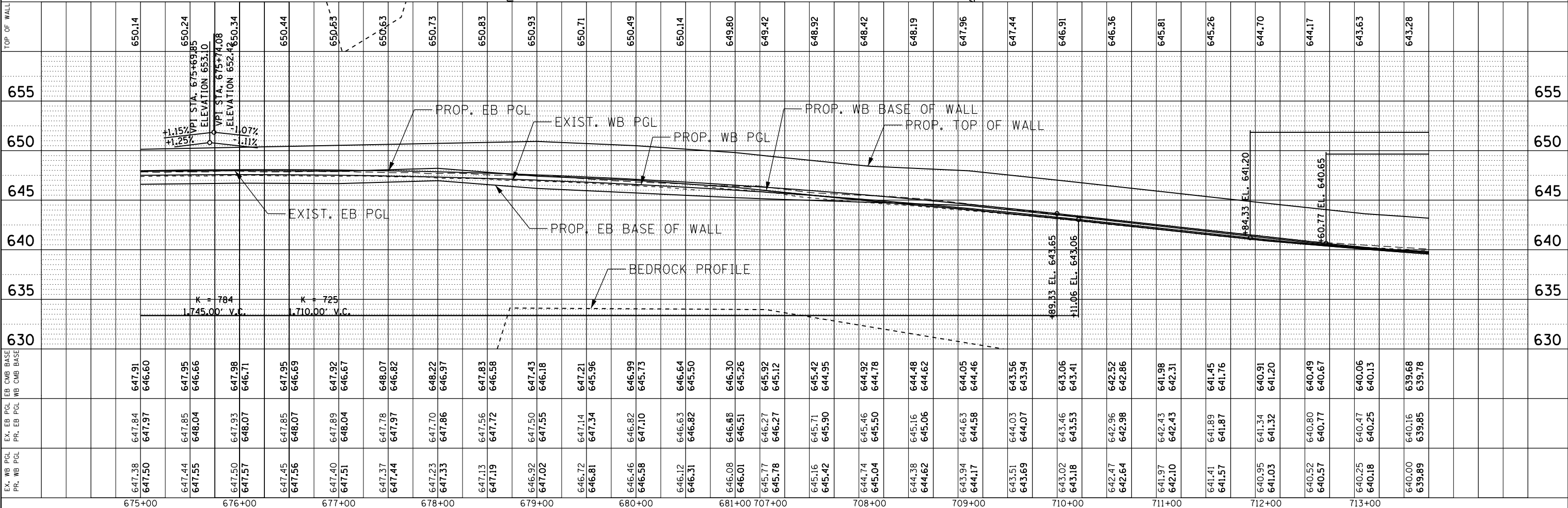
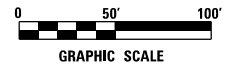
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☐ F.A.I. ROUTE I-80

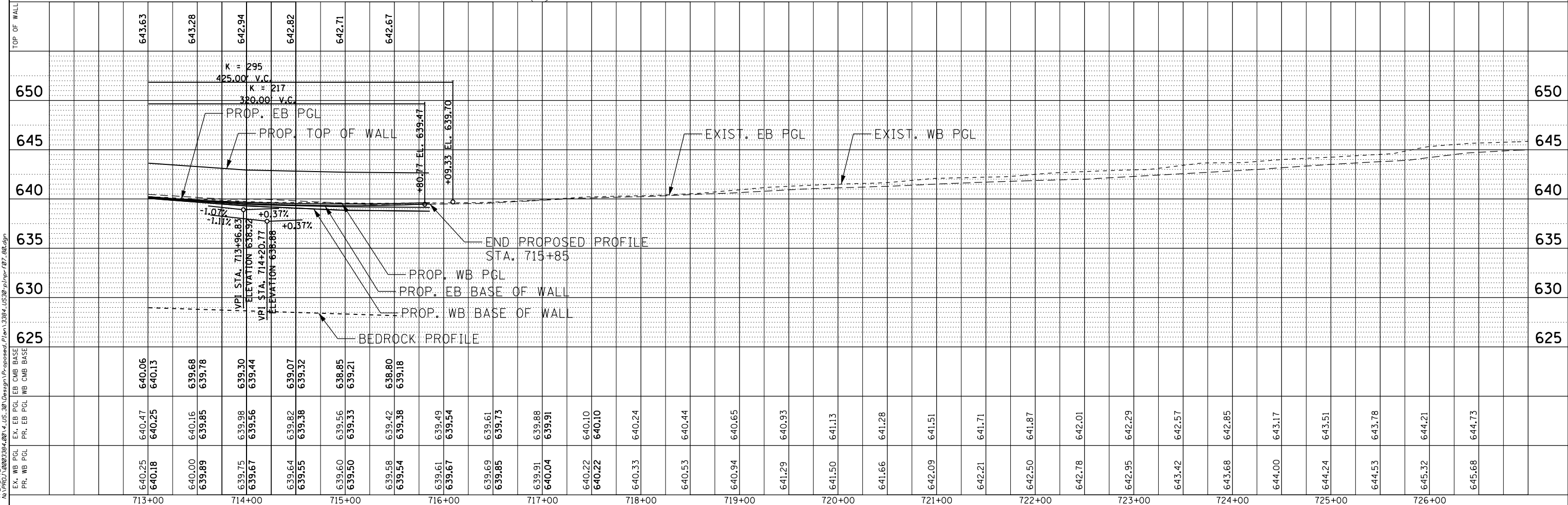
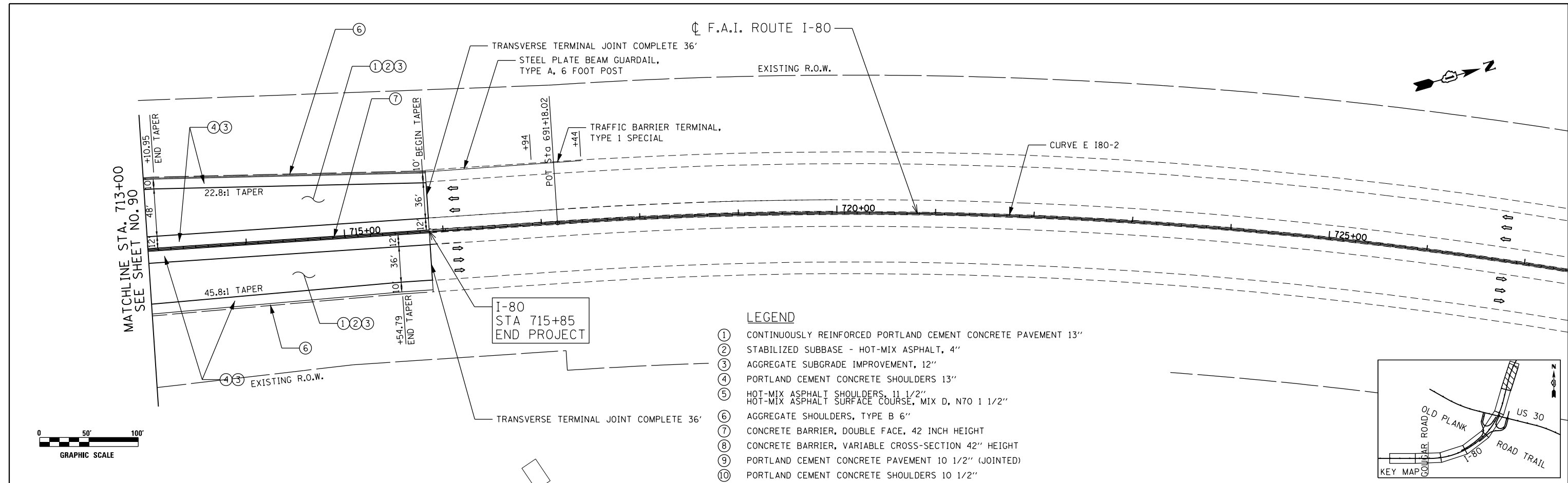


- LEGEND**
- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
 - ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
 - ⑤ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
 - ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2"
 - ⑦ AGGREGATE SHOULDERS, TYPE B 6"
 - ⑧ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
 - ⑨ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
 - ⑩ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
 - ⑪ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"

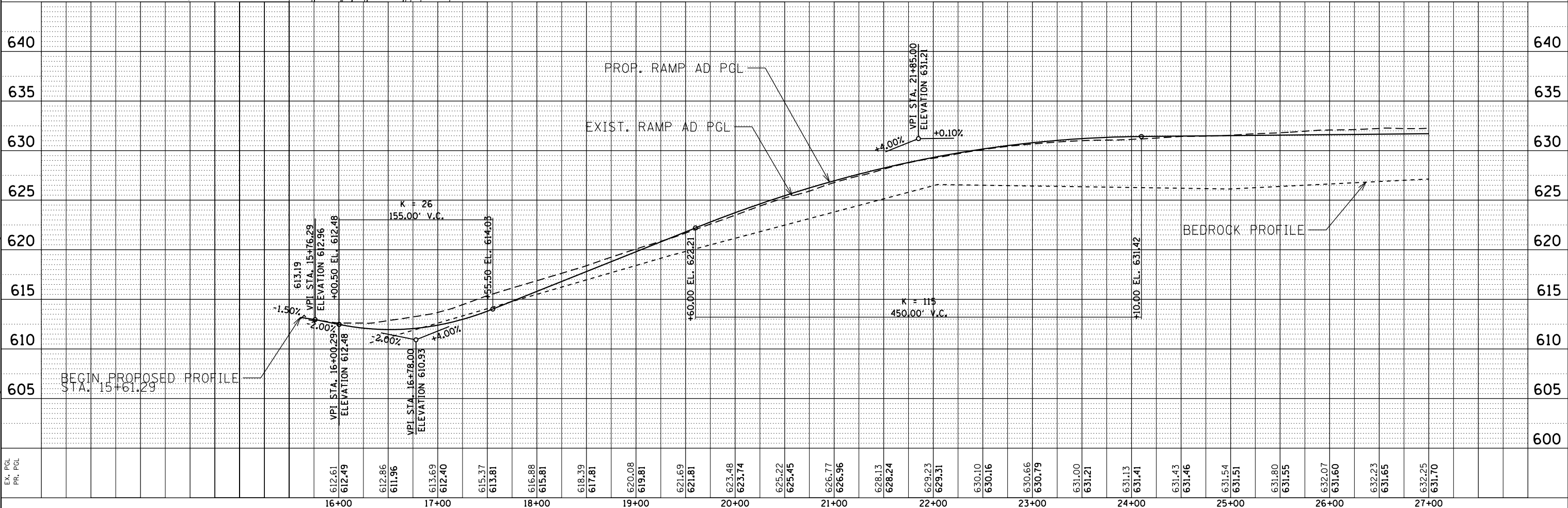
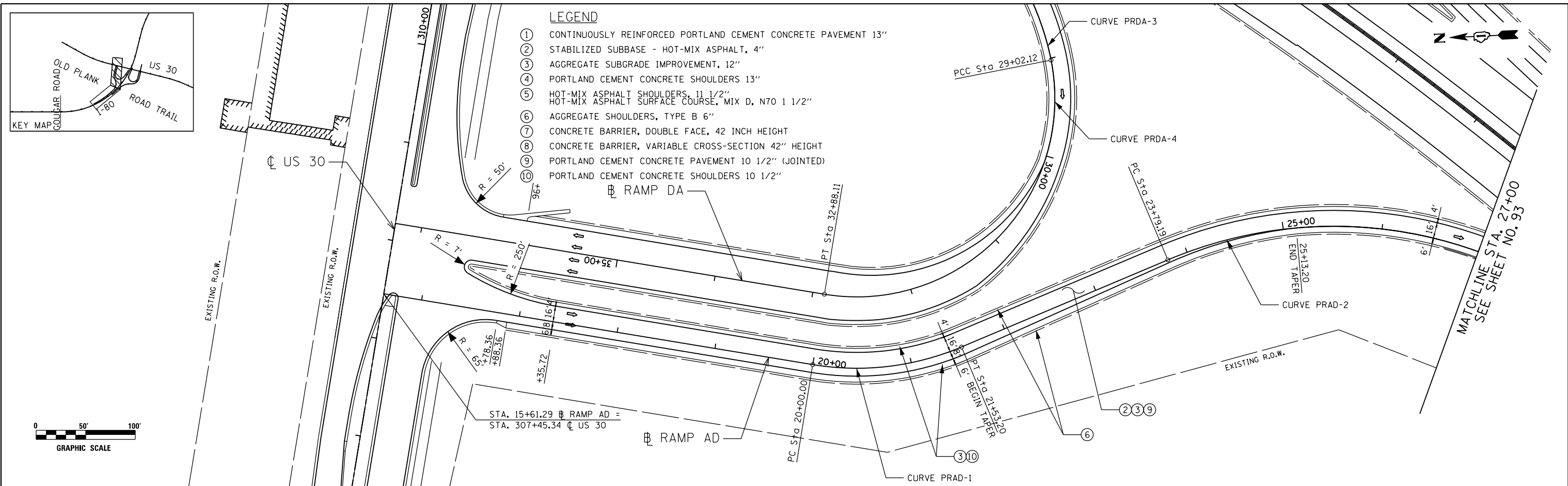


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	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



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16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00																																						

ENGINEERING CONSULTANT
Ciorba Group, Inc.
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60656
 Tel. 773.775.4009 Fax 773.775.4014
 Email: cigrp@ciorgba.com

USER NAME = dwierzbicki
 DESIGNED - JMK
 DRAWN - JMK
 CHECKED - MJL
 DATE - 01/20/2018

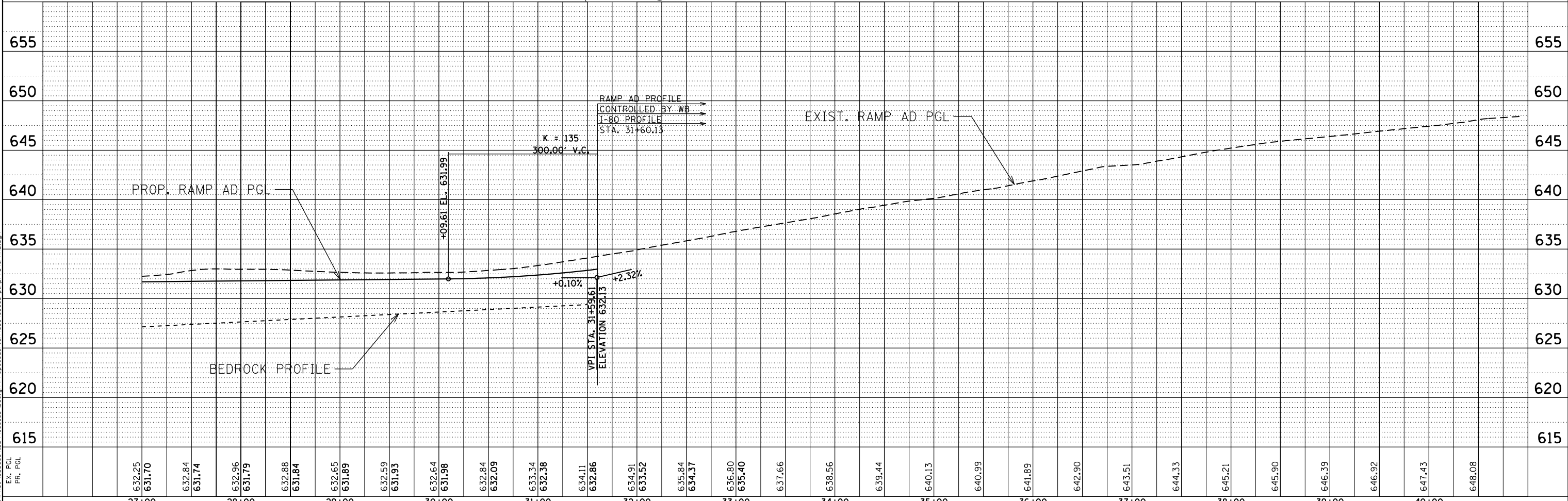
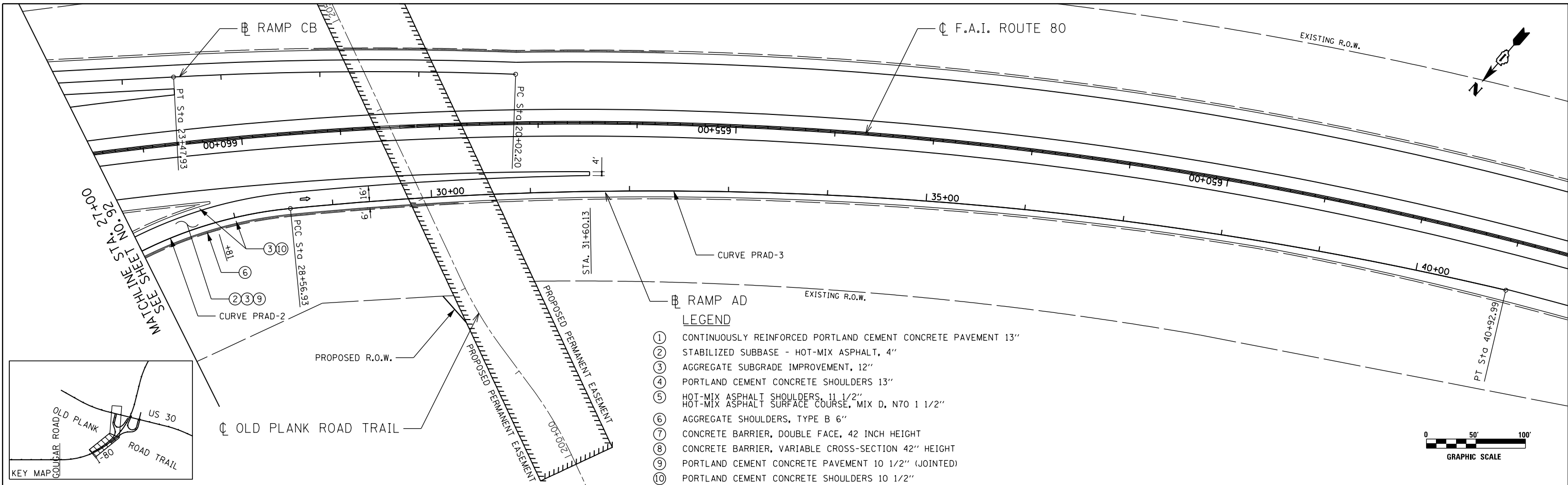
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

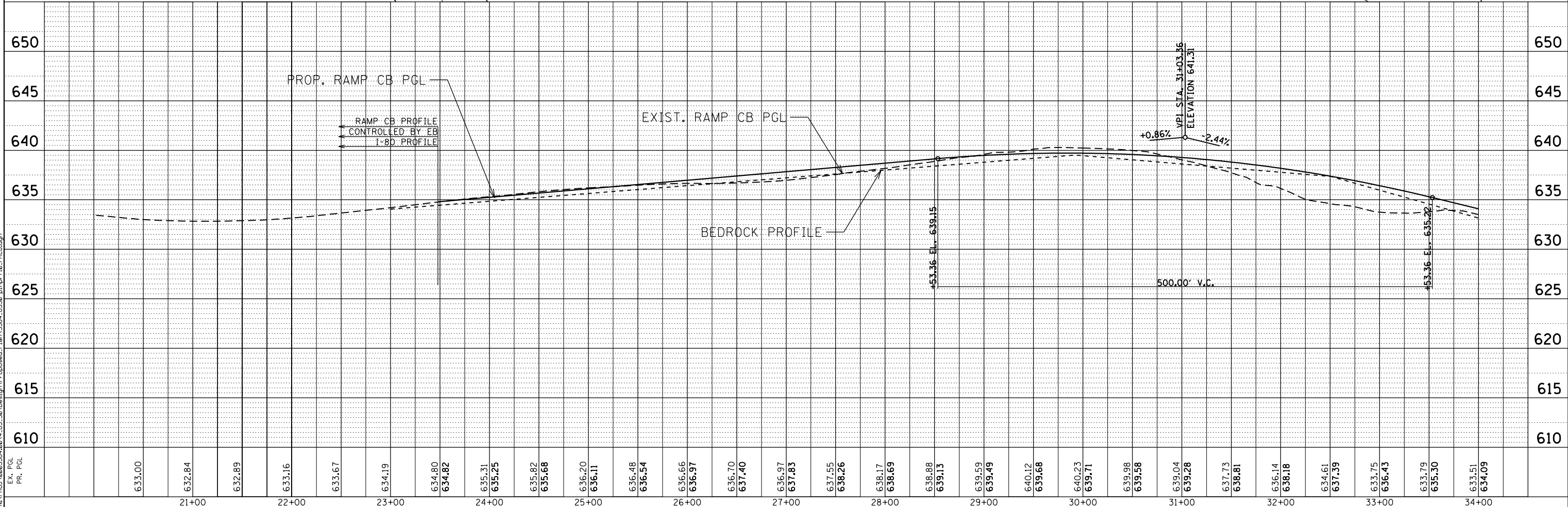
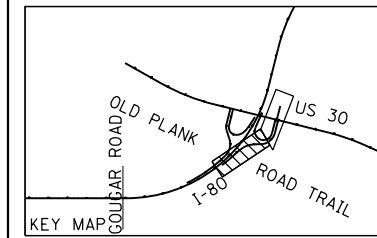
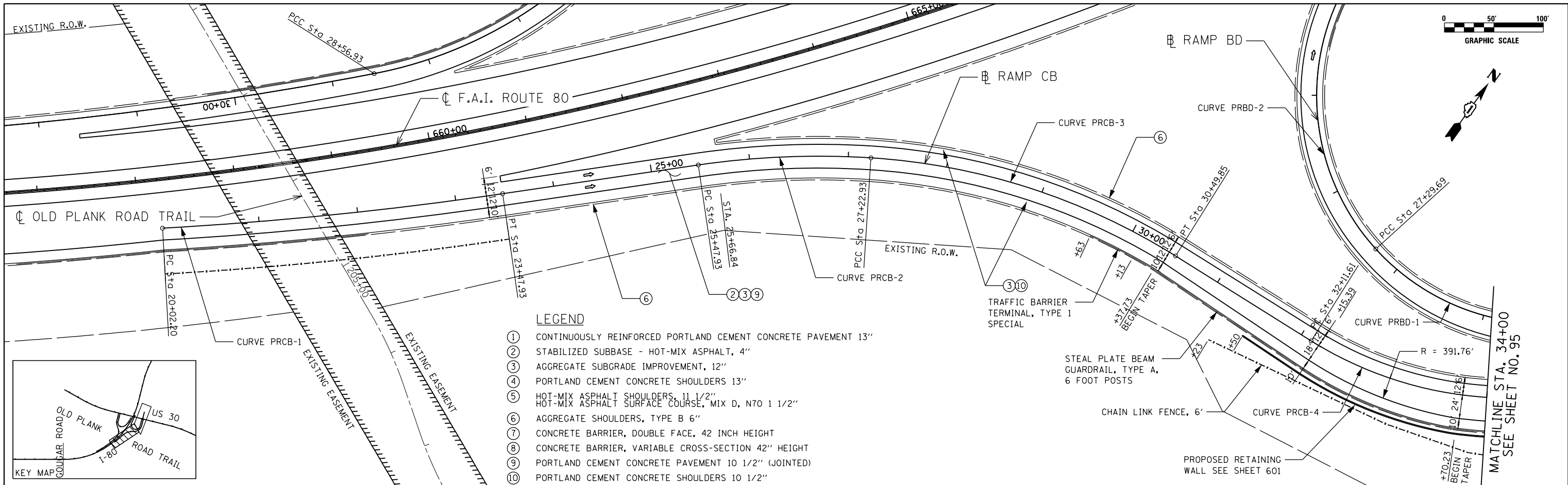
**F.A.I. 80 / US 30 INTERCHANGE
 RAMP AD ROADWAY PLAN AND PROFILE**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	841	92
CONTRACT NO. 60N87				
ILLINOIS FED. AID PROJECT				

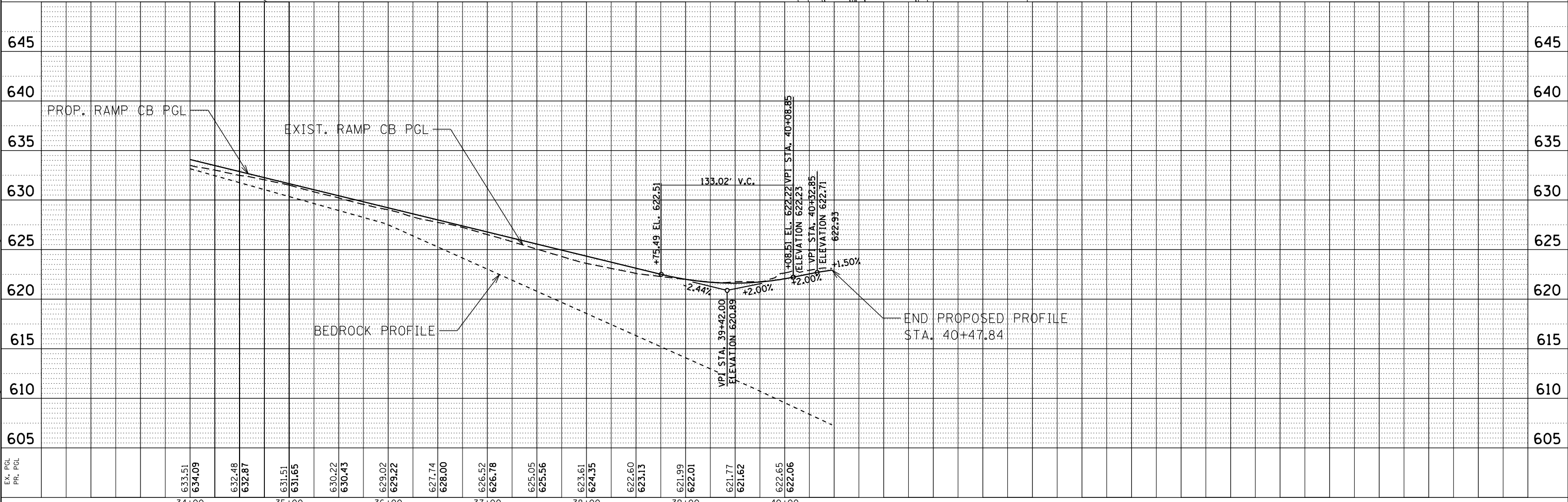
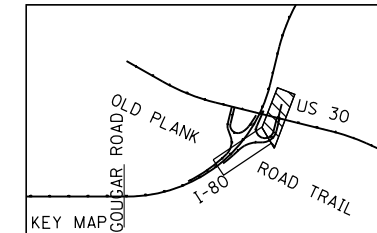
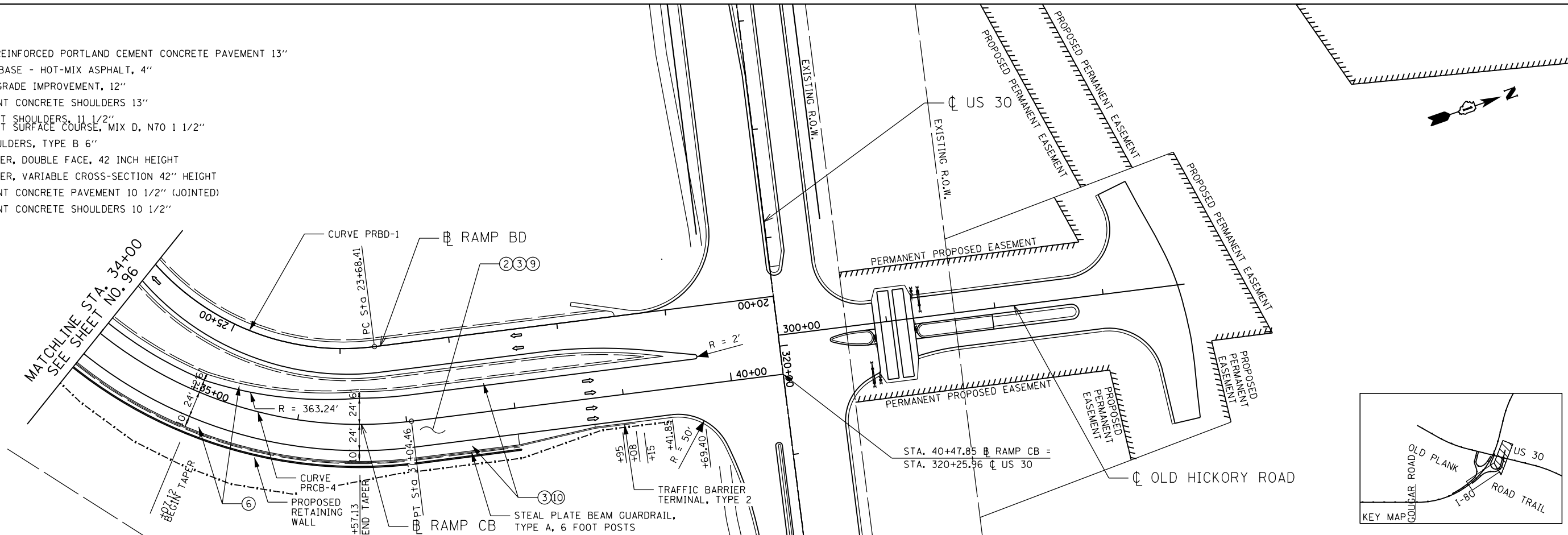
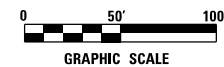


ENGINEERING CONSULTANT	USER NAME = dwtierzbicki	DESIGNED - JMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE RAMP AD ROADWAY PLAN AND PROFILE
Clorba Group, Inc. CONSULTING ENGINEERS 8007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60655 Tel. 773.775.4009 Fax 773.775.4014 Email: clogr@clorba.com	DESIGNED - JMK	REVISOR -	REVISION -	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.	
	DRAWN - JMK	REVISOR -	REVISION -		
	CHECKED - MJL	REVISOR -	REVISION -		
PLOT SCALE = 100.0000' / 1" =	DATE - 01/20/2018	REVISOR -	REVISION -	CONTRACT NO. 60N87	
ILLINOIS FED. AID PROJECT					



LEGEND

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
- ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2"
- ⑥ AGGREGATE SHOULDERS, TYPE B 6"
- ⑦ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑧ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
- ⑨ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- ⑩ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"

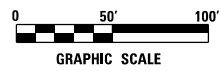
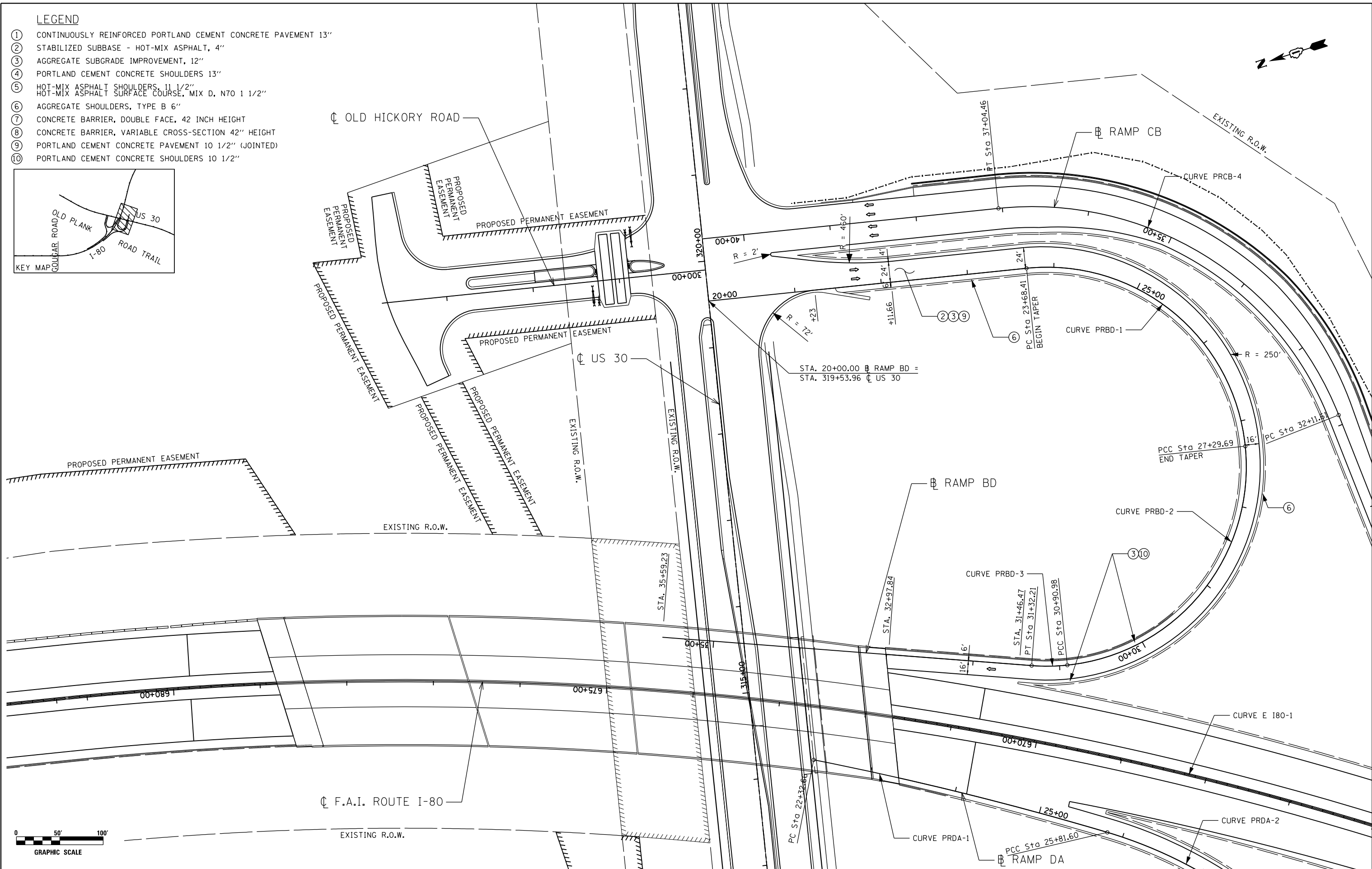
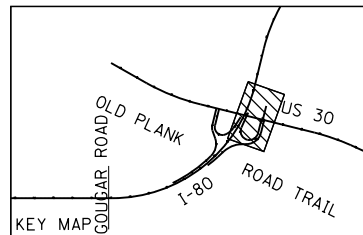


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ENGINEERING CONSULTANT CONSULTING ENGINEERS 8607 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656 Tel. 773.775.4009 Fax 773.775.4014 Email: cti@clorba.com	USER NAME = dwierzbicki PLOT SCALE = 100.0000' / in. PLOT DATE = 6/4/2018	DESIGNED - JMK DRAWN - JMK CHECKED - MJL DATE - 01/20/2018	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE RAMP CB ROADWAY PLAN AND PROFILE	F.A.I. RTE. 80 SECTION 99-4-1VB-1-R COUNTY WILL TOTAL SHEETS 841 SHEET NO. 95 CONTRACT NO. 60N87
	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT	

LEGEND

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
- ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2"
- ⑥ AGGREGATE SHOULDERS, TYPE B 6"
- ⑦ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑧ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
- ⑨ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- ⑩ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"



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ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60625
 Tel. 773.775.4009 Fax 773.775.4014
 Email: chicago@clorba.com

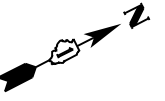
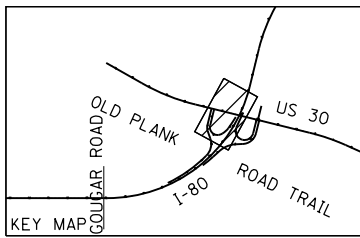
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

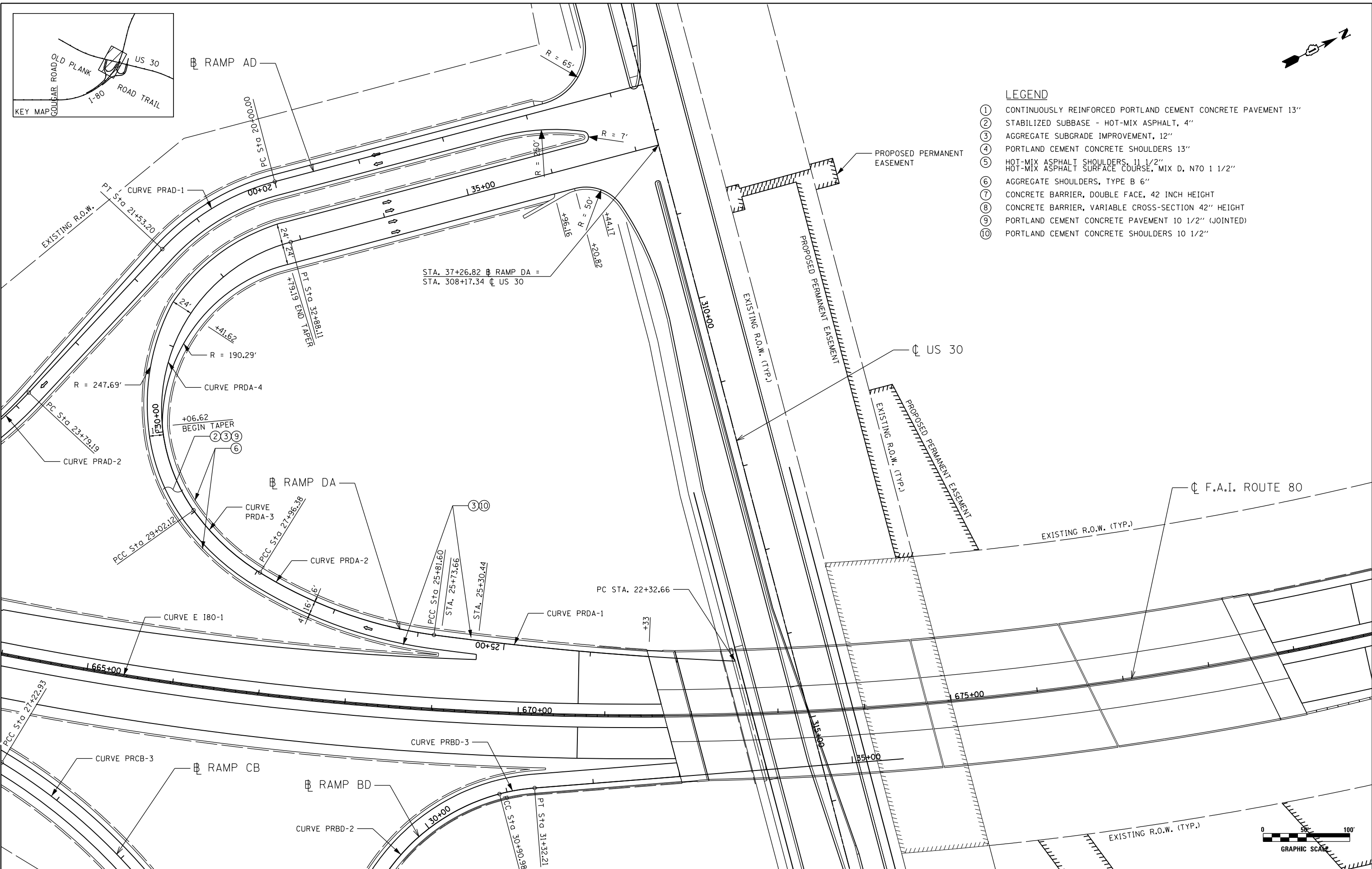
**F.A.I. 80 / US 30 INTERCHANGE
RAMP BD ROADWAY PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	96	96
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
 - ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
 - ⑤ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2"
 - ⑥ AGGREGATE SHOULDERS, TYPE B 6"
 - ⑦ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
 - ⑧ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
 - ⑨ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
 - ⑩ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"



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ENGINEERING CONSULTANT
Clorba Group, Inc.
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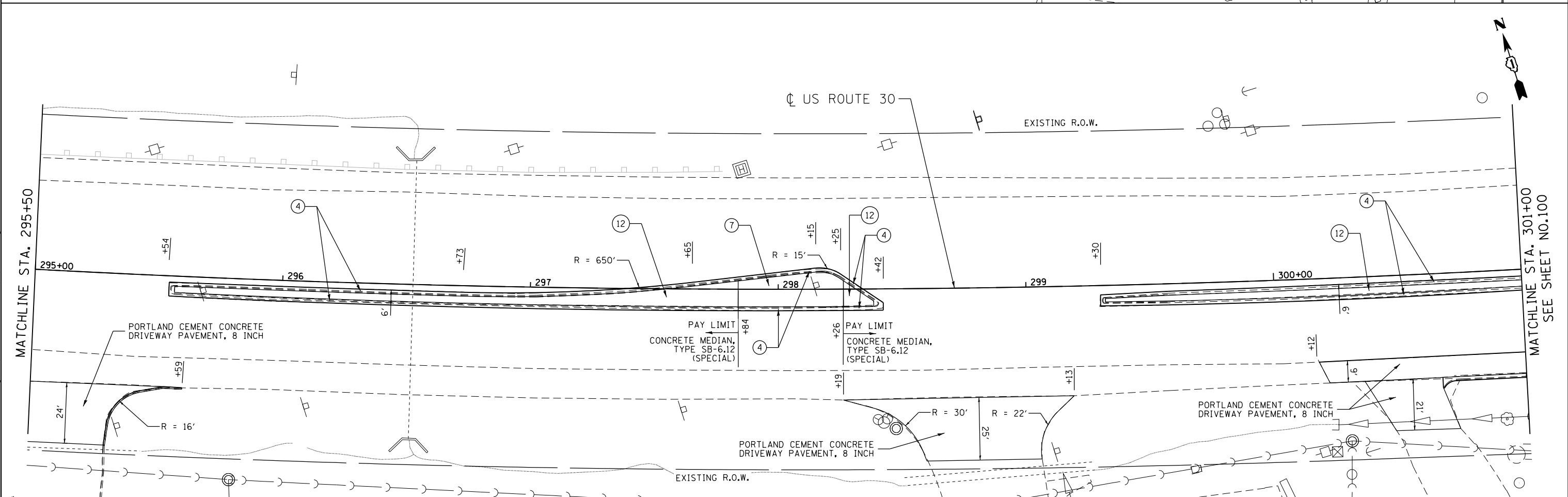
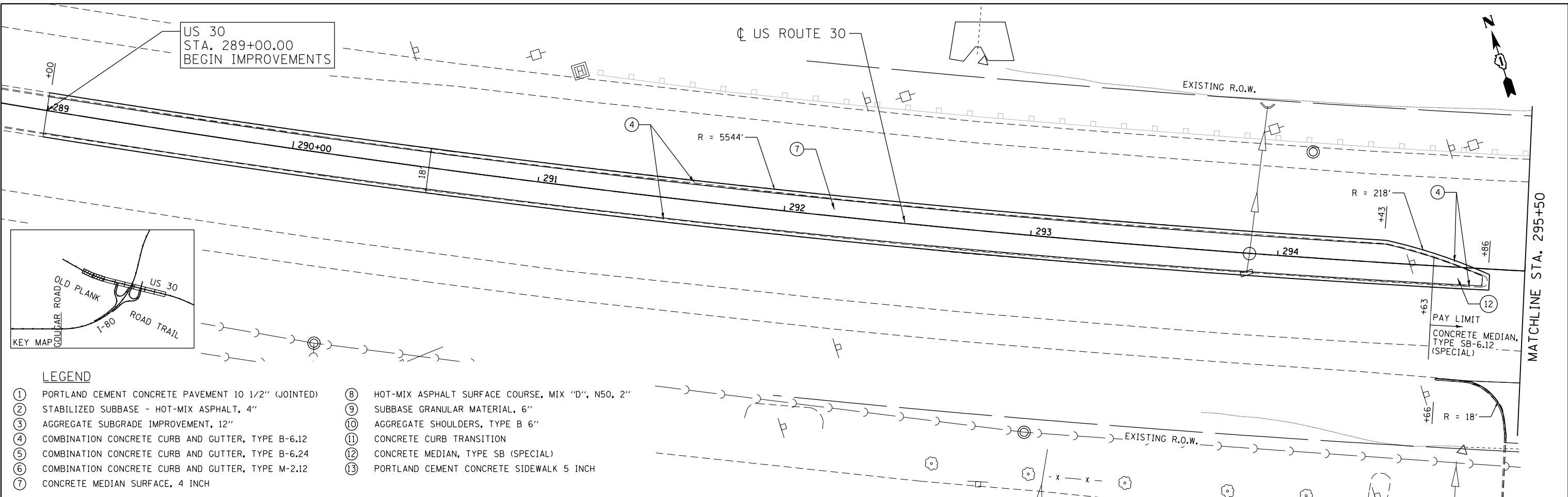
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	DATE - 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

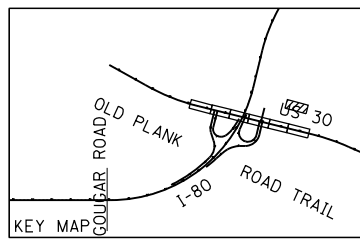
F.A.I. 80 / US 30 INTERCHANGE
RAMP DA ROADWAY PLAN
 SCALE: 1" = 50'
 SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	97	97
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

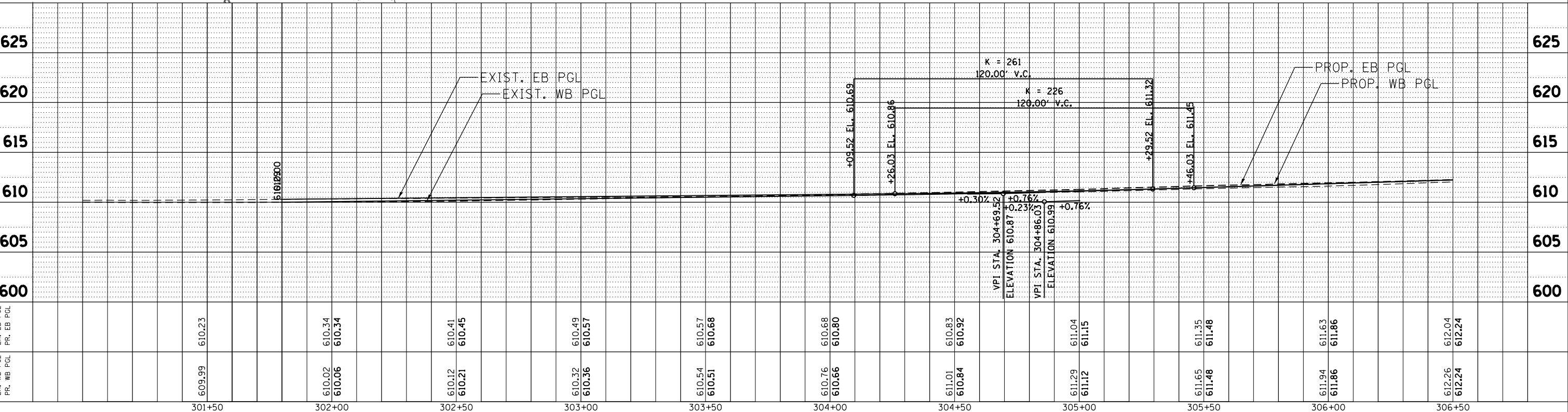
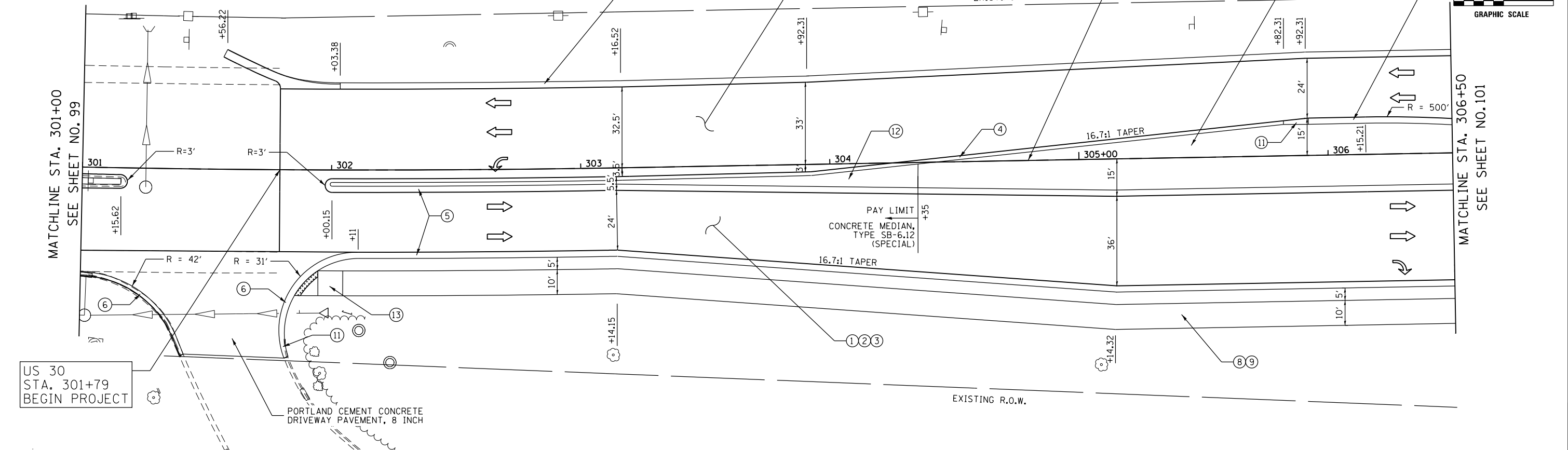
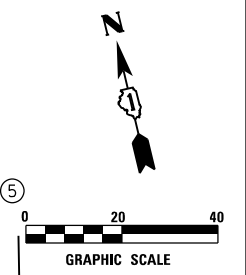




<p>Clorba Group, Inc. CONSULTING ENGINEERS 8007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60654 Tel. 773.775.4009 Fax 773.775.4014 E-mail: clorba@clorba.com</p>	USER NAME = dwtierzbicki	DESIGNED - JMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE US 30 ROADWAY PLAN AND PROFILE	F.A.I. R.T.E. = 80	SECTION = 99-4-1VB-1-R	COUNTY = WILL	TOTAL SHEETS = 841	SHEET NO. = 99		
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	PLOT DATE = 6/4/2018	DATE = 01/20/2018	REVISED -			ILLINOIS FED. AID PROJECT						



- LEGEND**
- ① PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
 - ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
 - ⑦ CONCRETE MEDIAN SURFACE, 4 INCH
 - ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
 - ⑨ SUBBASE GRANULAR MATERIAL, 6"
 - ⑩ AGGREGATE SHOULDERS, TYPE B 6"
 - ⑪ CONCRETE CURB TRANSITION
 - ⑫ CONCRETE MEDIAN, TYPE SB (SPECIAL)
 - ⑬ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH



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 EX. WB PCL EX. EB PCL
 PR. WB PCL PR. EB PCL

ENGINEERING CONSULTANT 		USER NAME = dwierzbicki DESIGNED - JMK DRAWN - JMK CHECKED - MJL DATE - 01/20/2018	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.I. 80 / US 30 INTERCHANGE US 30 ROADWAY PLAN AND PROFILE		SECTION 80 COUNTY WILL CONTRACT NO. 60N87	TOTAL SHEETS 84 SHEET NO. 100
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