

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	123	1
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

**PLANS FOR PROPOSED  
HIGHWAY**

**FAI-80/94/US 6 (KINGERY-BORMAN EXPRESSWAY)  
SECTION : 2626.2-R-2**

**BURNHAM ROAD TO US 41 (CALUMET AVE)  
REINFORCED AND JOINTED CONCRETE PAVEMENT,  
RETAINING WALL, & BRIDGE CONSTRUCTION  
~~PROJECT NO.~~  
COOK COUNTY, IL; LAKE COUNTY, IN  
C-91-020-01**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

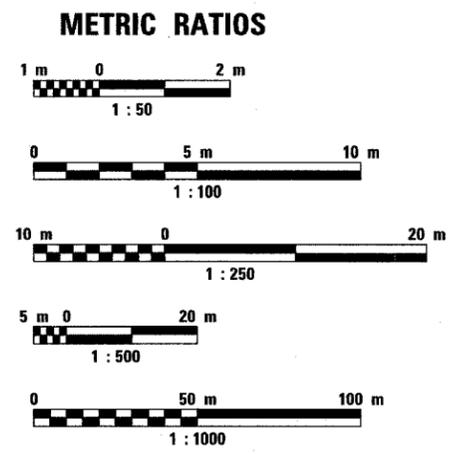
**IL DESIGN DESIGNATION:**  
I-80/94 = 8135(30) Interstate 76.6 (CRC-30)

**TRAFFIC DATA**  
ADT I-80/94/US 6 = 145,100 (1995)  
ADT I-80/94/US 6 = 168,000 (2020)

**DESIGN SPEED**  
I-80/94/US 6 - 110 KPH (70 MPH) - ILLINOIS  
I-80/94/US 6 - 100 KPH (65 MPH) - INDIANA

PROJECT LOCATED IN  
VILLAGE OF LANSING, ILLINOIS AND  
CITY OF HAMMOND, INDIANA AND  
TOWN OF MUNSTER, INDIANA

CONSULTING SERVICES : PROJECT MANAGER: CATHERINE KIBBLE, (847) 705-4269

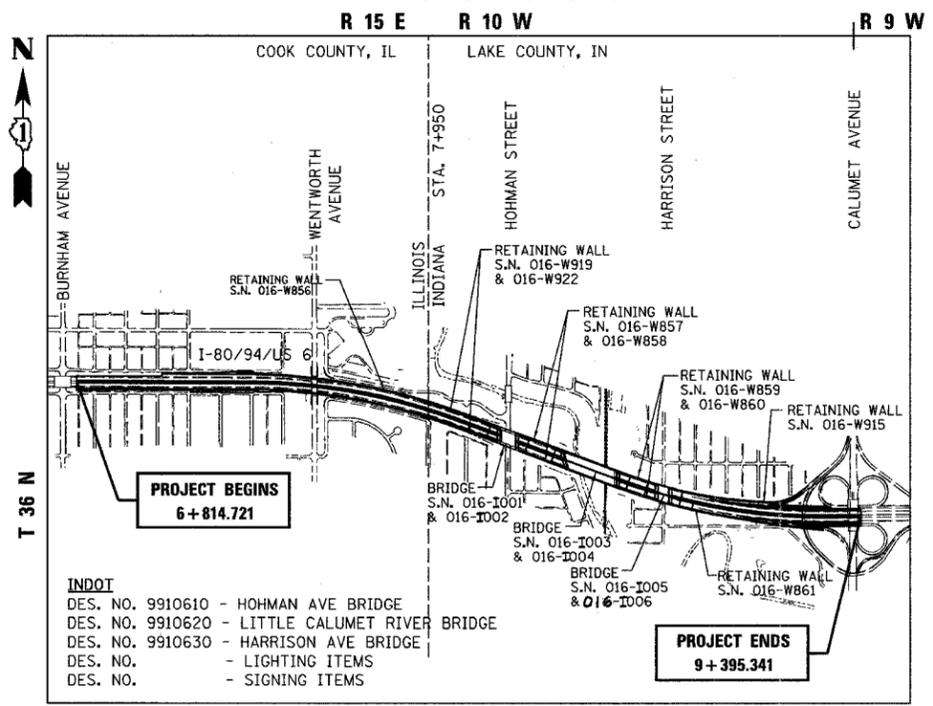


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

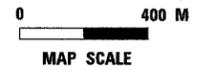
**I.U.P.P.S.**  
INDIANA UNDERGROUND PLANT PROTECTION SERVICE INC.  
1-800-382-5544

**IDOT CONTRACT NO. 62114  
INDOT DES. NO. 0100987**



**CALUMET CITY TOWNSHIP (IL) AND HIGHLAND TOWNSHIP (IN)**

INDOT NET = 1135.3 M; 1.135 KM  
INDOT NET = 1445.3 M; 1.445 KM  
GROSS LENGTH OF PROJECT = 2580.6 M; 2.581 KM  
NET LENGTH OF PROJECT = 2580.6 M; 2.581 KM



I-80/94/US 6 (KINGERY-BORMAN EXPRESSWAY)

CONSTRUCTION OF RETAINING WALLS  
STRUCTURE NUMBER 016-W856, 016-W857,  
016-W858, 016-W859, 016-W860, 016-W861,  
016-W915, & 016-W919, 016-W922;  
CONSTRUCTION OF BRIDGE OVER  
HOHMAN AVENUE, LITTLE CALUMET  
RIVER, & HARRISON AVENUE; REINFORCED  
CONCRETE PAVEMENT WIDENING AND  
RECONSTRUCTION; NOISE ABATEMENT WALL  
(TORRENCE AVE TO CALUMET AVE)

**HOHMAN AVENUE**  
IDOT SN-016-I001, I002  
INDOT I-80-1-8459  
REMOVE EXISTING STRUCTURE AND  
CONSTRUCT 3-SPAN CONTINUOUS PPC  
BEAM BRIDGE ON NEW SUBSTRUCTURE.

**LITTLE CALUMET RIVER**  
IDOT SN-016-I003, I004  
INDOT I-80-1-8460  
REMOVE EXISTING STRUCTURE AND  
CONSTRUCT TWO 3-SPAN CONTINUOUS  
STEEL GIRDER BRIDGE ON NEW  
SUBSTRUCTURE.

**HARRISON AVENUE**  
IDOT SN-016-I005, I006  
INDOT I-80-1-8461  
REMOVE EXISTING STRUCTURE AND  
CONSTRUCT SINGLE SPAN STEEL PLATE  
GIRDER BRIDGE ON NEW SUBSTRUCTURE.



*Gary S. Powell*  
GARY S. POWELL, P.E.  
IN. REG. NO. 10403944  
EXPIRES: 07-31-2006  
DATE: 07-01-2005



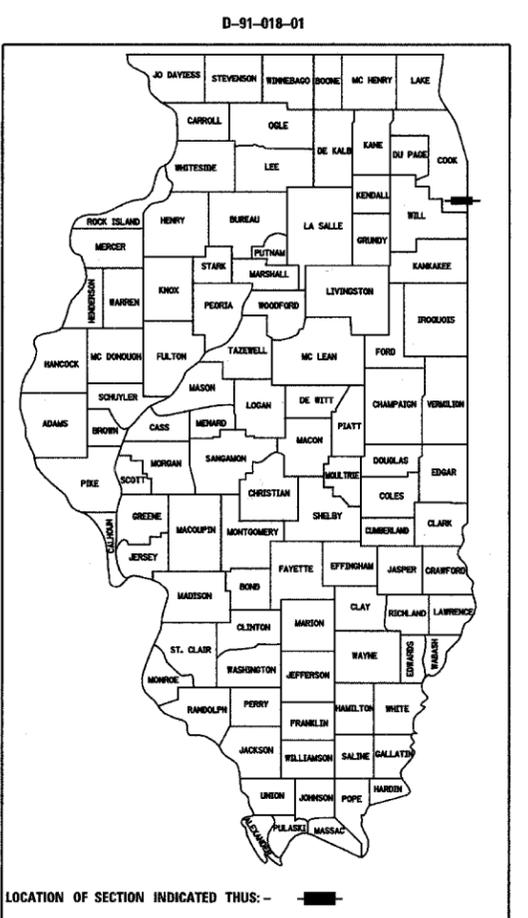
*Gary S. Powell*  
GARY S. POWELL, S.E.  
IL. REG. NO. 081-004771  
EXPIRES: 11-30-2006  
DATE: 07-01-2005



*Jeffrey R. Jheilstedt*  
JEFFREY R. JHEILSTEDT, P.E.  
IN. REG. NO. 10101266  
EXPIRES: 07-31-2006  
DATE: 07-01-2005



*Thomas A. Engel*  
THOMAS A. ENGEL, P.E.  
IL. REG. NO. 062-47559  
EXPIRES: 11-30-2005  
DATE: 07-01-2005



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED July 5, 2005  
*Dina O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 14, 2005  
*Mike Kane*  
ENGINEER OF DESIGN AND ENVIRONMENT

October 14, 2005  
*Eric E. Harn*  
DEPUTY DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

Rev.

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THE STATE OF ILLINOIS

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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

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\*\*\*\*\*  
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\* Pages 386 and 387 DELETED  
F.I.O. = FOR INFORMATION ONLY

## HIGHWAY STANDARDS

\*\*\*\*\*  
280001-02 TEMPORARY EROSION CONTROL SYSTEMS

420001-06	PAVEMENT JOINTS
421001-01	BAR REINFORCEMENT FOR CRC PAVEMENT
421201-04	7.2 M (24') CRC PAVEMENT (WITH LUG SYSTEM)
421206-04	10.8 M (36') CRC PAVEMENT (WITH LUG SYSTEM)
442201-01	CLASS C AND D PATCHES
483001-02	PCC SHOULDER
515001-02	NAME PLATE FOR BRIDGES
542606	REINFORCED CONCRETE PIPE TEE
601001	SUB-SURFACE DRAINS
601101	CONCRETE HEADWALL FOR PIPE DRAIN
602001	CATCH BASIN TYPE A
602011	CATCH BASIN TYPE C
602101-01	DRAINAGE STRUCTURES TYPES 1, 2 & 3
602401	MANHOLE TYPE A
602601	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701	CAST IRON STEPS
604001-02	FRAME AND LIDS TYPE 1
604036-01	GRATE TYPE B
604071-02	FRAME AND GRATE TYPE 20
604076-02	FRAME AND GRATE TYPE 21
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
637006	CONCRETE BARRIER, DOUBLE FACE, 1065mm (42 in.) HEIGHT
642001	SHOULDER RUMBLE STRIPS
664001-01	CHAIN LINK FENCE
701006-02	OFF-RD OPERATIONS 2L, 2W, 4.5M (15') TO PAVEMENT EDGE FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701101-01	OFF-RD OPERATIONS, MULTILANE LESS THAN 4.5 M (15') AWAY FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701206-01	LANE CLOSURE, 2L, 2W, NIGHT ONLY ON-RD TO 600 MM (24") OFF-RD FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701301-02	LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-03	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701411-03	LANE CLOSURE MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701426-02	LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPER. FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH

701446	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701501-03	URBAN LANE CLOSURE 2L, 2W UNDIVIDED
701601-04	URBAN LANE CLOSURE MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-04	URBAN LANE CLOSURE MULTILANE 2W WITH MOUNTABLE MEDIAN
701701-04	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-05	TRAFFIC CONTROL DEVICES
704001-02	TEMPORARY CONCRETE BARRIER
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720006	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720021-01	SIGN PANELS EXTRUDED ALUMINUM TYPE
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001	CONCRETE HANDHOLES
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001	AREAS OF REINFORCEMENT REBARS

## INDIANA UTILITY CONTACT INFORMATION

\*\*\*\*\*

SBC/Ameritech 302 South East Street Crown Point, IN 46307 Angelo LaMania (219) 662-4418 al1242@sbc.com	Munster Water & Sewer Dept. 1005 Ridge Rd. Munster, IN 46321 Gerald Andrisko 219-836-6973 gandrisko@ci.munster.in.us
Comcast 844 169th St. Hammond, IN 46324 Robert O'lynn (630)288-7639 bob_oflynn@cable.comcast.com	NIPSCO - Elect Dist. & Gas 801 East 86th Avenue Merrillville, IN 46410 Phil Wozniak (219) 886-5542 pmwozniak@nsource.com
Hammond Sanitary District 5009 Calumet Ave. Building 50 Hammond, IN 46327 Scott Mitchell (219) 853-6413 x635 semito@surfnnetinc.com	NIPSCO - Elect. Transmission 801 East 86th Ave. Merrillville, IN 46410 James Magdziarz (219) 647-5031 jamagdziar@nsource.com
Hammond Waterworks Dept. 6505 Columbia Ave. Hammond, IN 46320 Stanley Zatorski (219) 853-6429	Wide Open West 1674 Frontenac Rd Naperville, IL 60563 Ted Lavizzo (630) 536-3128 tlavizzo@wideopenwest.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**INDEX OF SHEETS  
AND HIGHWAY STANDARDS**

SCALE NONE  
DATE 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

# GENERAL NOTES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

GENERAL NOTES - MISCELLANEOUS  
 \*\*\*\*\*  
 ALL ELEVATIONS REFER TO 1988 N.A.V.D. DATUM.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL ADJUST THE INTENSITY OF ILLUMINATION AND THE ORIENTATION OF THE ARTIFICIAL LIGHTING AS DIRECTED BY THE ENGINEER TO PREVENT AN ADVERSE AFFECT ON THE VISIBILITY OF MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

THE CONTRACTOR SHALL OBTAIN ANY PERMIT REQUIRED FROM ALL LOCAL JURISDICTIONS PRIOR TO START OF OPERATIONS.

GENERAL NOTES - ROADWAY  
 \*\*\*\*\*

THE CONTRACTOR SHALL VERIFY THE DIMENSIONS OF THE CONCRETE BARRIER WALL AND BRIDGE PARAPETS WITH THE ENGINEER PRIOR TO FABRICATING THE BARRIER WALL AND PARAPET FORMS.

PAYMENT FOR REMOVAL OF TEMPORARY CONCRETE BARRIER SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLAN AND SHALL OCCUR AS THE BARRIER IS NO LONGER NEEDED ON THE PROJECT. THE CONTRACTOR AND RESIDENT ENGINEER SHALL INVENTORY AND AGREE TO THE TOTAL LENGTH OF BARRIER FOR PAYMENT UNDER THIS ITEM BEFORE ANY OF THE BARRIER IS MOVED.

UNLESS NOTED OTHERWISE, SAW CUTTING WILL BE REQUIRED AND WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE PAYMENT FOR THE REMOVAL ITEM.

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

ALL CURB AND COMBINATION CURB AND GUTTER REMOVAL IS PAID AS COMBINATION CURB AND GUTTER REMOVAL.

THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.00043 M-TONS PER SQUARE METER (0.0004 TONS PER SQ. YD.)

POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) MAY BE USED AT LOCATIONS WHERE UNSUITABLE OR UNSTABLE MATERIAL IS ENCOUNTERED DURING CONSTRUCTION. SOILS WILL BE TESTED BY THE ENGINEER IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. THE ACTUAL LIMITS AND DEPTHS OF REMOVAL AND REPLACEMENT WILL BE DETERMINED BY THE ENGINEER. THE ENGINEER WILL DETERMINE IF THE REMOVED MATERIAL IS UNSUITABLE OR UNSTABLE BASED ON THE FOLLOWING CRITERIA. UNSTABLE MATERIAL IS THAT WHICH, WITH ADEQUATE PROCESSING, CAN MEET THE REQUIREMENTS OF EMBANKMENT AS OUTLINED IN THIS CONTRACT. UNSUITABLE MATERIAL DOES NOT MEET THE REQUIREMENTS FOR EMBANKMENT MATERIALS. UNSUITABLE SOILS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 202 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. UNSTABLE MATERIALS WILL BE MEASURED FOR PAYMENT AS EARTH EXCAVATION AND MAY BE PROCESSED AND USED IN THE EMBANKMENT OR DISPOSED OF, IN ACCORDANCE WITH ARTICLE 202.03.

THE PHASE III CONSULTANT WILL BE RESPONSIBLE FOR THE RE-ESTABLISHMENT OF CONTROL AND TIE POINTS AS SHOWN ON THE ALIGNMENT AND TIES SHEETS. THE CONTRACTOR SHALL COORDINATE THE RE-ESTABLISHMENT OF EXISTING CONTROL AND TIE POINTS DISTURBED BY THE CONSTRUCTION ACTIVITIES WITH THE RESIDENT ENGINEER AND PHASE III CONSULTANT. EXISTING CONTROL AND TIE POINT LOCATIONS THAT ARE CONSIDERED NOT VIABLE UNDER THE FINAL CONDITIONS MAY BE RE-ESTABLISHED AT A MORE FEASIBLE LOCATION, AS APPROVED BY THE RESIDENT ENGINEER. THE PHASE III CONSULTANT SHALL SUBMIT DOCUMENTATION OF ALL RE-ESTABLISHED CONTROL AND TIE POINTS TO THE DEPARTMENT NO LATER THAN ONE (1) MONTH AFTER COMPLETION OF THE CONTRACT.

REMOVAL OF PAVEMENT MARKER REFLECTORS AS REQUIRED FOR TRAFFIC STAGING SHALL BE CONSIDERED INCIDENTAL TO THE COST OF MAINTENANCE OF TRAFFIC.

PRIOR TO THE INSTALLATION OF TOPSOIL, REGARDLESS OF SLOPE, THE SUBGRADE SHALL BE SURFACE ROUGHENED BY A TRACKED VEHICLE NO MORE THAN 7 DAYS PRIOR TO PLACEMENT, THIS WORK SHALL BE INCLUDED IN THE COST OF "TOPSOIL, FURNISH AND PLACE".

PLAN DIMENSIONS RELATIVE TO EXISTING STRUCTURES HAVE BEEN TAKEN FROM EXISTING PLANS AND AS SUCH ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL VERIFY SUCH DIMENSIONS IN THE FIELD AND MAKE NECESSARY ADJUSTMENTS UPON APPROVAL OF THE ENGINEER.

THE CONTRACTOR SHALL VERIFY THE ELEVATIONS SHOWN IN THE PLANS WHERE THE PROPOSED PROFILE MEETS THE EXISTING PAVEMENT EDGE AND PRESENT THE RESULTS TO THE RESIDENT ENGINEER PRIOR TO THE FINAL GRADING. THE INFORMATION SHOWN IN THE PLAN IS DERIVED FROM DIGITAL IMAGERY AND MAY NEED TO BE ADJUSTED TO ENSURE A SMOOTH PROFILE AT THE MATCH LOCATION.

THE PHASES USED IN THE DRAWINGS ARE WITH REFERENCE TO THE OVERALL I-80/94 PROJECT AS FOLLOWS: PHASE I - CONSTRUCTION IN 2004; PHASE II - CONSTRUCTION IN 2005 AND PHASE III - CONSTRUCTION IN 2006.

THE CONTRACTOR SHALL SCHEDULE A PERIOD OF TIME (MINIMUM OF 5 WORKING DAYS) BETWEEN THE PLACEMENT OF THE SUB-BASE GRANULAR MATERIAL AND STABILIZED SUB-BASE 150MM TO ALLOW THE HIGHWAY LIGHTING AND SURVEILLANCE CONTRACTOR TIME TO INSTALL THE VEHICLE DETECTION SYSTEM.

GENERAL NOTES - DRAINAGE  
 \*\*\*\*\*

BEFORE FINAL ACCEPTANCE OF THE PROJECT, ALL PROPOSED STORM SEWER LINES SHALL BE CLEANED AS DIRECTED BY THE ENGINEER. THE COST FOR THIS WORK IS CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE BID FOR STORM SEWERS OF THE TYPE, CLASS AND DIAMETER SPECIFIED.

REMOVAL OF MANHOLES, CATCH BASINS, INLETS, AND DRAINAGE STRUCTURES SHALL BE PAID AT THE CONTRACT UNIT PRICE EACH FOR "REMOVING MANHOLES", "REMOVING CATCH BASINS", "REMOVING INLETS", AND "DRAINAGE STRUCTURE TO BE REMOVED", REGARDLESS OF SHAPE, DEPTH, OR SIZE OF THE STRUCTURE AND SHALL INCLUDE REMOVAL OF ANY ATTACHED SLOTTED DRAIN.

WHERE EXISTING STORM SEWERS THAT ARE TO BE REMOVED AND ARE CONNECTED TO ANOTHER STRUCTURE OR SEWER THAT IS TO REMAIN IN PLACE, THE OPENING SHALL BE PLUGGED WITH SI CONCRETE. THE PLUGS SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE UNIT BID PRICE FOR "STORM SEWER REMOVAL OF THE DIAMETER SPECIFIED".

PROPOSED STRUCTURES WITHIN THE SUB-GRADE AREA MAY TEMPORARILY BE PLATED (WITHOUT THE FRAME AND GRATE OR FRAME AND LID) TO FACILITATE THE CONSTRUCTION OPERATIONS. PLATES SHALL MEET THE APPROVAL OF THE ENGINEER, THE COST FOR MATERIALS, INSTALLATION, REMOVAL OF THE PLATES, AND SUBSEQUENT CONSTRUCTION OF THE STRUCTURE TO ITS FINISHED HEIGHT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURE.

REMOVAL OF COMBINED OR SANITARY SEWERS WILL BE PAID AT THE CONTRACT UNIT PRICE PER METER FOR "STORM SEWER REMOVAL", OF THE DIAMETER SPECIFIED.

TEMPORARY STORM SEWER PLUGS INSTALLED AND REMOVED IN THIS CONTRACT FOR STAGING PURPOSES WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCIDENTAL TO THE COST OF THE PROPOSED STORM SEWER.

BEFORE ORDERING: STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, MANHOLES, AND CULVERTS; THE CONTRACTOR SHALL CONFIRM THE EXACT LENGTH AND QUANTITY REQUIRED FROM FIELD MEASUREMENTS.

DRAINAGE NOTES FOR MWRD COMBINED SEWER NETWORKS  
 \*\*\*\*\*

THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).

ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.

ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO:

PIPE MATERIAL SPEC.	JOINT SPEC.
VITRIFIED CLAY PIPE	
VCP C-700	C-425
VCP (NO-BEL) C-700	
JOINT	C-425
COLLAR	D-1784
CONCRETE PIPE C-14	C-443
RCP C-76	C-443
ACP C-428	D-1869
ABS SEWER PIPE	
SOLID WALL 6" DIA. SDR 23.5	
ABS D-2751	D-2751
ABS COMPOSITE/TRUSS PIPE	
8"-15" DIA.	
ABS D-2680	D-2680
PVC GRAVITY SEWER PIPE	
6"-15" DIA. SDR 26	
D-3034	D-3212 OR D-2855
18"-27" DIA. F/DY=46	
F-679	D-3212 OR D-2855
CISP A-74	C-564
DIP A-21.51	A-21.11

ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 6 MM TO 25 MM IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO ONE FOURTH THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN 100 MM NOR MORE THAN 200 MM. MATERIAL SHALL BE CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 300 MM ABOVE THE TOP OF THE PIPE WHEN USING PVC.

"BAND SEAL" OR SIMILAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR MATERIALS.

WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:

1. CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
2. REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
3. WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.

WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 460 MM. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 3.1 METERS BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 460 MM VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 460 MM VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS.

ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.

ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 1.2 METERS, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.

GENERAL NOTES - EROSION CONTROL  
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THE CONTRACTOR SHALL COORDINATE THE WORK TO ALLOW THE EXIST GROUND COVER TO REMAIN IN AREAS WITHIN THE CONTRACT LIMITS NOT PROPOSED FOR CONSTRUCTION.

GENERAL NOTES - UTILITIES  
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BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES IN ILLINOIS AND CALL "I.U.P.P.S." AT (800) 382-5544 IN INDIANA (48-HOUR NOTIFICATION IS REQUIRED).

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL TROY BOYD AT THE BORMAN TRAFFIC MANAGEMENT CENTER AT (219)939-3650.

THE CONTRACTOR SHALL INVITE ALL INDIANA UTILITIES TO THE PRE-CONSTRUCTION MEETING. CONTACT INFORMATION IS PROVIDED ON INDEX OF SHEETS AND HIGHWAY STANDARDS SHEET.

COMMITMENTS  
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THE EMERGENCY ACCESS TO INTERSTATE 80/94 WILL BE MAINTAINED AT ALL TIMES. ACCESS GATES OR OTHER INGRESS CONTROL WILL ALSO BE MAINTAINED DURING CONSTRUCTION. THERE ARE TWO EXISTING EMERGENCY ACCESS GATES TO INTERSTATE 80/94.

THE CONSTRUCTION OF ROADSIDE DRAINAGE SWALES MUST NOT INTERCEPT GROUNDWATER LEVEL. ROADSIDE SWALES ARE CONSTRUCTED WITHIN THE INTERCHANGE AREAS ARE TO ACCEPT ROADWAY DRAINAGE ONLY. THE TOPSOIL IN THE PERMANENT CONSTRUCTION ZONES WILL BE SEGREGATED FOR POTENTIAL RE-USE WITHIN THE TEMPORARY WORK AREAS AFTER CONSTRUCTION IS COMPLETE.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41

GENERAL NOTES

REVISIONS	
NAME	DATE

SCALE DATE 07/05 DRAWN BY ACE/CAD CHECKED BY TAE



# SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	LIGHTING-	SURVEIL-	SIGNING	ROADWAY	LIGHTING	SURVEIL-	SIGNING	VILLAGE	CONSTRUCTION TYPE CODE			
				ILLINOIS	ILLINOIS	LANCE ILLINOIS	ILLINOIS	INDIANA	INDIANA	LANCE INDIANA	INDIANA	INDIANA	INDIANA	INDIANA	INDIANA	INDIANA
				J000-2A	Y030-1E	Y032-1F	Y002-1C	J000-2A	Y030-1E	Y032-1F	Y002-1C	Y060				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	120	120	0	0	0	0	0	0	0	0				
20101100	TREE TRUNK PROTECTION	EACH	10	0	0	0	0	10	0	0	0	0				
28000300	TEMPORARY DITCH CHECKS	EACH	11	4	0	0	0	7	0	0	0	0				
28000500	INLET AND PIPE PROTECTION	EACH	8	0	0	0	0	8	0	0	0	0				
28000510	INLET FILTERS	EACH	188	85	0	0	0	103	0	0	0	0				
42001700	FURNISH PROFILOGRAPH	L SUM	1	1	0	0	0	0	0	0	0	0				
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1	0	0	0	0	0	0	0	0				
51500100	NAME PLATES	EACH	5	5	0	0	0	0	0	0	0	0				
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	4	0	0	0	0	4	0	0	0	0				
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1	0	0	0	0	0	0	0	0				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	10	10	0	0	0	0	0	0	0	0				
60260100	INLETS TO BE ADJUSTED	EACH	1	0	0	0	0	1	0	0	0	0				
60266500	VALVE VAULTS TO BE REMOVED	EACH	1	0	0	0	0	0	0	0	0	1				
60266910	VALVE BOXES TO BE REMOVED	EACH	1	0	0	0	0	0	0	0	0	1				
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	2	0	0	0	0	2	0	0	0	0				
60405740	FRAMES AND GRATES TO BE REMOVED	EACH	12	8	0	0	0	4	0	0	0	0				
60500040	REMOVING MANHOLES	EACH	16	7	0	0	0	8	0	0	0	1				
60500050	REMOVING CATCH BASINS	EACH	44	29	0	0	0	15	0	0	0	0				
60500060	REMOVING INLETS	EACH	110	30	0	0	0	80	0	0	0	0				
60500105	FILLING MANHOLES	EACH	2	2	0	0	0	0	0	0	0	0				
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1	0	0	0	0	0	0	0	0				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	0	0	0	0	0	0	0	0				
67100100	MOBILIZATION	L SUM	1	.33	0	0	0	.67	0	0	0	0				
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	.33	0	0	0	.67	0	0	0	0				
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1	0	0	0	0	0	0	0	1	0				
73700100	REMOVE GROUND-MOUNTED SIGN SUPPORT	EACH	2	0	0	0	0	0	0	0	2	0				
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	2	0	0	0	0	0	0	0	2	0				
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2	0	0	0	0	0	0	0	2	0				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	812	812	0	0	0	0	0	0	0	0				
* 78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	2086	888	0	0	0	1198	0	0	0	0				
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	112	112	0	0	0	0	0	0	0	0				
* 81400200	HEAVY-DUTY HANDHOLE	EACH	14	0	0	0	0	0	0	14	0	0				
* 84200700	LIGHTING FOUNDATION REMOVAL	EACH	24	17	0	0	0	7	0	0	0	0				

- SPECIALTY ITEMS
- • 100% STATE
- • • 100% INDIANA
- • • • 100% VILLAGE OF LANSING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41

**SUMMARY OF QUANTITIES**

SCALE \_\_\_\_\_ DATE 07/05 \_\_\_\_\_ DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

# SUMMARY OF QUANTITIES

F.A.I. RTE. 80/94	SECTION 2626.2-R-2	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	LIGHTING-	SURVEIL-	SIGNING	ROADWAY	LIGHTING	SURVEIL-	SIGNING	VILLAGE		
				ILLINOIS	ILLINOIS	LANCE	ILLINOIS	INDIANA	INDIANA	LANCE	INDIANA	OF		
				CONSTRUCTION TYPE CODE								Y060		
				J000-2A	Y030-1E	Y032-1F	Y002-1C	J000-2A	Y030-1E	Y032-1F	Y002-1C			
* 89502380	REMOVE EXISTING HANDHOLE	EACH	3	0	0	0	0	3	0	0	0	0		
M2010500	TREE REMOVAL, HECTARES	HA	1.7	0	0	0	0	1.7	0	0	0	0		
M2020010	EARTH EXCAVATION	CU M	1034.3	1034.3	0	0	0	0	0	0	0	0		
M2021200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU M	1904.6	1904.6	0	0	0	0	0	0	0	0		
M2040800	FURNISHED EXCAVATION	CU M	63340.2	63340.2	0	0	0	0	0	0	0	0		
M2070220	POROUS GRANULAR EMBANKMENT	CU M	185	185	0	0	0	0	0	0	0	0		
M2080150	TRENCH BACKFILL	CU M	9550.6	8327.5	0	0	0	0	0	0	0	0	1223.1	
M2101000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ M	58401	58401	0	0	0	0	0	0	0	0	0	
M2113100	TOPSOIL FURNISH AND PLACE, 100MM	SQ M	250	0	0	0	0	0	0	0	0	0	250	
M2113150	TOPSOIL FURNISH AND PLACE, 150MM	SQ M	10926	940	0	0	0	9986	0	0	0	0	0	
M2113300	TOPSOIL FURNISH AND PLACE, 300MM	SQ M	4640	4640	0	0	0	0	0	0	0	0	0	
M2114100	COMPOST FURNISH AND PLACE, 100MM	SQ M	4632	4632	0	0	0	0	0	0	0	0	0	
M2130201	EXPLORATION TRENCH 2.1 METER DEPTH	METER	140	90	0	0	0	0	0	0	0	0	50	
M2500210	SEEDING, CLASS 2A	HA	3.13	.1	0	0	0	3	0	0	0	0	.03	
M2500400	NITROGEN FERTILIZER NUTRIENT	KG	341	41	0	0	0	297	0	0	0	0	3	
M2500500	PHOSPHORUS FERTILIZER NUTRIENT	KG	341	41	0	0	0	297	0	0	0	0	3	
M2500600	POTASSIUM FERTILIZER NUTRIENT	KG	341	41	0	0	0	297	0	0	0	0	3	
M2500750	MOWING	HA	1.3	1.3	0	0	0	0	0	0	0	0	0	
M2510125	MULCH, METHOD 3	HA	.03	0	0	0	0	0	0	0	0	0	.03	
M2510630	EROSION CONTROL BLANKET	SQ M	52071	4552	0	0	0	47519	0	0	0	0	0	
M2520110	SODDING, SALT TOLERANT	SQ M	4473	4473	0	0	0	0	0	0	0	0	0	
M2520200	SUPPLEMENTAL WATERING	UNIT	581	581	0	0	0	0	0	0	0	0	0	
M2800250	TEMPORARY EROSION CONTROL SEEDING	KG	625	50	0	0	0	575	0	0	0	0	0	
M2810101	STONE RIPRAP, CLASS A1	SQ M	72	72	0	0	0	0	0	0	0	0	0	
M2810107	STONE RIPRAP, CLASS A4	SQ M	72	72	0	0	0	0	0	0	0	0	0	
M2820200	FILTER FABRIC	SQ M	231	231	0	0	0	0	0	0	0	0	0	
M3111300	SUB-BASE GRANULAR MATERIAL, TYPE B 300MM	SQ M	58401	58401	0	0	0	0	0	0	0	0	0	
M3120150	STABILIZED SUB-BASE 150MM	SQ M	58401	58401	0	0	0	0	0	0	0	0	0	
M3511010	AGGREGATE BASE COURSE, TYPE B	M TON	1780.9	1611.9	0	0	0	0	0	0	0	0	169	
M4210360	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 360MM	SQ M	41475	41475	0	0	0	0	0	0	0	0	0	
M4214360	PAVEMENT REINFORCEMENT 360MM	SQ M	41475	41475	0	0	0	0	0	0	0	0	0	
M4217180	LUG SYSTEM COMPLETE 18 METER	EACH	3	3	0	0	0	0	0	0	0	0	0	
M4218000	PROTECTIVE COAT	SQ M	32514	32514	0	0	0	0	0	0	0	0	0	

- SPECIALTY ITEMS
- • 100% STATE
- • • 100% INDIANA
- • • • 100% VILLAGE OF LANSING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ DRAWN BY ACE/CAD  
DATE 07/05 CHECKED BY TAE



Rev.

# SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	LIGHTING-	SURVEIL-	SIGNING	ROADWAY	LIGHTING	SURVEIL-	SIGNING	VILLAGE			
				ILLINOIS	ILLINOIS	LANCE ILLINOIS	ILLINOIS	INDIANA	INDIANA	LANCE INDIANA	INDIANA	OF LANSING			
				CONSTRUCTION TYPE CODE											
				J000-2A	Y030-1E	Y032-1F	Y002-1C	J000-2A	Y030-1E	Y032-1F	Y002-1C	Y060			
M4230200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 200MM	SQ M	1019	1019	0	0	0	0	0	0	0	0			
M4243000	PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL	SQ M	3.82	3.82	0	0	0	0	0	0	0	0			
M4401000	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ M	485	485	0	0	0	0	0	0	0	0			
M4402000	PAVEMENT REMOVAL	SQ M	83633	36900	0	0	0	46508	0	0	0	225			
M4402010	DRIVEWAY PAVEMENT REMOVAL	SQ M	37	37	0	0	0	0	0	0	0	0			
M4402040	COMBINATION CURB AND GUTTER REMOVAL	METER	1036.7	9.5	0	0	0	967.2	0	0	0	60			
M4402050	SIDEWALK REMOVAL	SQ M	252	18	0	0	0	234	0	0	0	0			
M4402060	APPROACH SLAB REMOVAL	SQ M	2321	0	0	0	0	2321	0	0	0	0			
M4402280	CONCRETE BARRIER REMOVAL	METER	1405	733	0	0	0	672	0	0	0	0			
M4402530	PAVED SHOULDER REMOVAL	SQ M	19434	6412	0	0	0	13022	0	0	0	0			
M4402540	PAVEMENT BREAKING	SQ M	8416	8416	0	0	0	0	0	0	0	0			
M4428420	CLASS D PATCHES, TYPE IV, 200MM	SQ M	99	38	0	0	0	61	0	0	0	0			
M4428450	CLASS D PATCHES, TYPE IV, 350MM	SQ M	415	82	0	0	0	333	0	0	0	0			
M4830360	PORTLAND CEMENT CONCRETE SHOULDERS - 360MM	SQ M	15836	15836	0	0	0	0	0	0	0	0			
M5010240	CONCRETE REMOVAL	CU M	429.7	0	0	0	0	429.7	0	0	0	0			
M5020100	STRUCTURE EXCAVATION	CU M	535	535	0	0	0	0	0	0	0	0			
M542C212	REINFORCED CONCRETE PIPE TEE, 300MM PIPE WITH 300MM RISER	EACH	1	1	0	0	0	0	0	0	0	0			
M542C228	REINFORCED CONCRETE PIPE TEE, 600MM PIPE WITH 300MM RISER	EACH	1	1	0	0	0	0	0	0	0	0			
M542C236	REINFORCED CONCRETE PIPE TEE, 750MM PIPE WITH 300MM RISER	EACH	2	2	0	0	0	0	0	0	0	0			
M542C252	REINFORCED CONCRETE PIPE TEE, 1200MM PIPE WITH 300MM RISER	EACH	6	6	0	0	0	0	0	0	0	0			
M542C348	REINFORCED CONCRETE PIPE TEE, 1200MM PIPE WITH 375MM RISER	EACH	1	1	0	0	0	0	0	0	0	0			
M5502840	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 300MM	METER	554.8	487.2	0	0	0	67.6	0	0	0	0			
M5502850	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 375MM	METER	28.4	28.4	0	0	0	0	0	0	0	0			
M5502860	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 450MM	METER	199.1	199.1	0	0	0	0	0	0	0	0			
M5502880	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 600MM	METER	279.8	279.8	0	0	0	0	0	0	0	0			
M5502900	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 750MM	METER	638.5	638.5	0	0	0	0	0	0	0	0			
M5502920	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 900MM	METER	149.4	149.4	0	0	0	0	0	0	0	0			
M5502990	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS I 1950MM	METER	88.2	88.2	0	0	0	0	0	0	0	0			
M5503050	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 300MM	METER	62.9	62.9	0	0	0	0	0	0	0	0			
M5503060	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 375MM	METER	77.4	77.4	0	0	0	0	0	0	0	0			
M5503111	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 750MM	METER	122.8	122.8	0	0	0	0	0	0	0	0			
M5503150	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 1200MM	METER	340	340	0	0	0	0	0	0	0	0			
M5503190	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS II, 1800MM	METER	117.2	117.2	0	0	0	0	0	0	0	0			

- SPECIALTY ITEMS
- • 100% STATE
- • • 100% INDIANA
- • • • 100% VILLAGE OF LANSING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**SUMMARY OF QUANTITIES**

SCALE \_\_\_\_\_ DRAWN BY ACE/CAD  
DATE 07/05 CHECKED BY TAE



# SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODE								VILLAGE OF LANSING *****	LAUSING Y007 *****	
				ROADWAY ILLINOIS ..	LIGHTING- ILLINOIS ..	SURVEIL- LANCE ILLINOIS ..	SIGNING ILLINOIS ..	ROADWAY INDIANA ..	LIGHTING INDIANA ..	SURVEIL- LANCE INDIANA ..	SIGNING INDIANA ..			Y060
M5503200	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS II, 1950MM	METER	203.4	203.4	0	0	0	0	0	0	0	0		
M5504800	STORM SEWERS TO BE CLEANED	METER	944	0	0	0	0	944	0	0	0	0		
M5505570	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 600MM	METER	12	0	0	0	0	0	0	0	0	0	12	
M5510015	STORM SEWER REMOVAL 200MM	METER	63.9	63.9	0	0	0	0	0	0	0	0		
M5510025	STORM SEWER REMOVAL 300MM	METER	2387.2	1078.4	0	0	0	1281.8	0	0	0	0	27	
M5510035	STORM SEWER REMOVAL 375MM	METER	462.5	136.5	0	0	0	326	0	0	0	0		
M5510045	STORM SEWER REMOVAL 450MM	METER	222.3	0	0	0	0	222.3	0	0	0	0		
M5510060	STORM SEWER REMOVAL 600MM	METER	159.6	0	0	0	0	88.9	0	0	0	0	70.7	
M5510070	STORM SEWER REMOVAL 750MM	METER	37.4	0	0	0	0	37.4	0	0	0	0		
M5510100	STORM SEWER REMOVAL 1350MM	METER	56	56	0	0	0	0	0	0	0	0		
* M5611210	TAPPING VALVES AND SLEEVES 150MM	EACH	1	0	0	0	0	0	0	0	0	0	1	
M6010110	PIPE DRAINS 150MM	METER	33.1	0	0	0	0	33.1	0	0	0	0		
M6010610	PIPE UNDERDRAINS 150MM	METER	4204.5	4204.5	0	0	0	0	0	0	0	0		
M6021410	MANHOLES, TYPE A, 1.2M DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5	0	0	0	0	0	0	0	0		
M6021610	MANHOLES, TYPE A, 1.5M DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3	0	0	0	0	0	0	0	0		
M6021810	MANHOLES, TYPE A, 1.8M DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3	0	0	0	0	0	0	0	0		
* M6024410	VALVE VAULTS, TYPE A, 1.5M DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	0	0	0	0	0	0	0	0	0	1	
M6060500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.30	METER	60	0	0	0	0	0	0	0	0	0	60	
M6061500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-22.45	METER	13	13	0	0	0	0	0	0	0	0		
M6063610	CONCRETE MEDIAN SURFACE, 100MM (SPECIAL)	SQ M	125	125	0	0	0	0	0	0	0	0		
M6320030	GUARDRAIL REMOVAL	METER	1227.9	340	0	0	0	887.9	0	0	0	0		
M6370175	CONCRETE BARRIER, SINGLE FACE, 1065 MM HEIGHT	METER	125.8	125.8	0	0	0	0	0	0	0	0		
M6370275	CONCRETE BARRIER, DOUBLE FACE, 1065 MM HEIGHT	METER	1053.2	1053.2	0	0	0	0	0	0	0	0		
M6370805	CONCRETE BARRIER TRANSITION	METER	35.2	35.2	0	0	0	0	0	0	0	0		
M6371050	BARRIER BASE	METER	1327	1327	0	0	0	0	0	0	0	0		
* M6380600	MODULAR GLARE SCREEN SYSTEM	METER	4881	1686	0	0	0	3195	0	0	0	0		
M6420015	SHOULDER RUMBLE STRIP	METER	4552	4552	0	0	0	0	0	0	0	0		
* M6690100	BACKFILL PLUGS	CU M	7	7	0	0	0	0	0	0	0	0		
M6690400	SPECIAL WASTE GROUND WATER DISPOSAL	LITER	11088	11088	0	0	0	0	0	0	0	0		
M7030240	TEMPORARY PAVEMENT MARKING - LINE 150MM	METER	2175	2175	0	0	0	0	0	0	0	0		
M7030520	PAVEMENT MARKING TAPE, TYPE III 100MM	METER	17100.6	5396.6	0	0	0	11704	0	0	0	0		
M7030530	PAVEMENT MARKING TAPE, TYPE III 125MM	METER	3359.1	1347.6	0	0	0	2011.5	0	0	0	0		
M7030550	PAVEMENT MARKING TAPE, TYPE III 200MM	METER	328.3	0	0	0	0	328.3	0	0	0	0		

- SPECIALTY ITEMS
- • 100% STATE
- • • 100% INDIANA
- • • • 100% VILLAGE OF LANSING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**SUMMARY OF QUANTITIES**

SCALE: DATE 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

# SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	LIGHTING-	SURVEIL-	SIGNING	ROADWAY	LIGHTING	SURVEIL-	SIGNING	VILLAGE		
				ILLINOIS	ILLINOIS	LANCE ILLINOIS	ILLINOIS	INDIANA	INDIANA	LANCE INDIANA	INDIANA	OF LANSING		
				CONSTRUCTION TYPE CODE										
				J000-2A	Y030-1E	Y032-1F	Y002-1C	J000-2A	Y030-1E	Y032-1F	Y002-1C	Y060		
* M7030560	PAVEMENT MARKING TAPE, TYPE III 300MM	METER	49	0	0	0	0	49	0	0	0	0		
* M7031000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ M	2210	708	0	0	0	1502	0	0	0	0		
M7040100	TEMPORARY CONCRETE BARRIER	METER	2264	1385	0	0	0	879	0	0	0	0		
M7040210	RELOCATE TEMPORARY CONCRETE BARRIER (SPECIAL)	METER	8617.4	3561.6	0	0	0	5055.8	0	0	0	0		
* M7200100	SIGN PANEL - TYPE 1	SQ M	17	0	0	0	17	0	0	0	0	0		
* M7200200	SIGN PANEL - TYPE 2	SQ M	4	0	0	0	4	0	0	0	0	0		
* M7200300	SIGN PANEL - TYPE 3	SQ M	154	0	0	0	154	0	0	0	0	0		
* M7230100	INSTALL EXISTING SIGN PANEL	SQ M	9	0	0	0	9	0	0	0	0	0		
* M7240330	REMOVE SIGN PANEL - TYPE 3	SQ M	3	0	0	0	3	0	0	0	0	0		
* M7270100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	KG	540	0	0	0	540	0	0	0	0	0		
* M7330020	OVERHEAD SIGN STRUCTURE - SPAN, TYPE II-A (1.37M X 1.60M)	METER	90.7	0	0	0	90.7	0	0	0	0	0		
* M7330030	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (1.53M X 2.14M)	METER	27	0	0	0	27	0	0	0	0	0		
* M7330500	OVERHEAD SIGN STRUCTURE WALKWAY	METER	66.6	0	0	0	66.6	0	0	0	0	0		
* M7340100	CONCRETE FOUNDATIONS	CU M	2.9	0	0	0	2.9	0	0	0	0	0		
* M7340200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU M	56.4	0	0	0	56.4	0	0	0	0	0		
* M7800605	EPOXY PAVEMENT MARKING - LINE 100MM	METER	8795.1	2707.1	0	0	0	6088	0	0	0	0		
* M7800610	EPOXY PAVEMENT MARKING - LINE 125MM	METER	2099.4	812.6	0	0	0	1286.8	0	0	0	0		
* M7800620	EPOXY PAVEMENT MARKING - LINE 200MM	METER	1245	0	0	0	0	1245	0	0	0	0		
* M7800625	EPOXY PAVEMENT MARKING - LINE 300MM	METER	272	0	0	0	0	272	0	0	0	0		
* M7802010	POLYUREA PAVEMENT MARKING TYPE I - LINE 100MM	METER	4552.4	4552.4	0	0	0	0	0	0	0	0		
* M7802030	POLYUREA PAVEMENT MARKING TYPE I - LINE 300MM	METER	173.4	173.4	0	0	0	0	0	0	0	0		
M7830100	PAVEMENT MARKING REMOVAL	SQ M	911	169	0	0	0	742	0	0	0	0		
* M8100260	CONDUIT IN TRENCH, 50MM DIA., PVC	METER	1029	0	0	0	0	0	1029	0	0	0		
* M8100300	CONDUIT IN TRENCH, 100MM DIA., PVC	METER	2974	0	0	126	0	0	104	2744	0	0		
* M8120120	CONDUIT EMBEDDED IN STRUCTURE, 50 MM DIA. GALVANIZED STEEL	METER	58	0	0	8	0	0	50	0	0	0		
* M8120130	CONDUIT EMBEDDED IN STRUCTURE, 65 MM DIA. GALVANIZED STEEL	METER	96	0	0	96	0	0	0	0	0	0		
* M8120230	CONDUIT EMBEDDED IN STRUCTURE, 50 MM DIA. PVC	METER	492	0	0	0	0	0	492	0	0	0		
* M8120270	CONDUIT EMBEDDED IN STRUCTURE, 100 MM DIA. PVC	METER	50	0	0	42	0	0	0	8	0	0		
* M8130203	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 300MM X 610MM X 200MM	EACH	4	0	0	0	0	0	0	4	0	0		
* M8131400	JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 525MM X 275MM X 200MM	EACH	19	0	0	0	0	0	19	0	0	0		
* M8150200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	2673	0	0	582	0	0	719	1372	0	0		
* MX030063	STORM SEWER (WATER MAIN REQUIREMENTS) 300MM	METER	27	0	0	0	0	0	0	0	0	27		
* MX030110	REMOVE AND PLUG ABANDONED WATER MAIN	METER	235.2	0	0	0	0	0	0	0	0	235.2		

- SPECIALTY ITEMS
- • 100% STATE
- • • 100% INDIANA
- • • • 100% VILLAGE OF LANSING
- • • 3FTY-3C

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ DATE: 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

# SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	LIGHTING-	SURVEIL-	SIGNING	ROADWAY	LIGHTING	SURVEIL-	SIGNING	VILLAGE		
				ILLINOIS	ILLINOIS	LANCE	ILLINOIS	INDIANA	INDIANA	LANCE	INDIANA	OF		
				CONSTRUCTION TYPE CODE										
				J000-2A	Y030-1E	Y032-1F	Y002-1C	J000-2A	Y030-1E	Y032-1F	Y002-1C	Y060		
MX030144	CATCH BASINS, 1.2M BY 0.9M SPECIAL, TYPE 20 FRAME AND GRATE	EACH	45	45	0	0	0	0	0	0	0	0		
MX030170	CATCH BASINS, 1.2M BY 1.5M SPECIAL, TYPE 22 FRAME AND GRATE	EACH	6	6	0	0	0	0	0	0	0	0		
MX030236	REMOVE STEEL SHEET PILING	SQ M	2161	2161	0	0	0	0	0	0	0	0		
MX030504	TEMPORARY PAVEMENT (INTERSTATE)	SQ M	6264	3204	0	0	0	3060	0	0	0	0		
MX030505	STORM SEWERS TO BE GROUTED	CU M	1296.1	1296.1	0	0	0	0	0	0	0	0		
* MX032159	CONDUIT ENCASED, REINFORCED CONCRETE, 100MM DIA. PVC, 1 WIDE X 1 HIGH	METER	329	0	168	161	0	0	0	0	0	0		
* MX032160	CONDUIT ENCASED, REINFORCED CONCRETE, 100MM DIA. PVC, 2 WIDE X 1 HIGH	METER	118	0	0	118	0	0	0	0	0	0		
MX032178	TEMPORARY INFORMATION SIGNING	SQ M	91	15	0	0	0	76	0	0	0	0		
MX033183	SOIL STABILIZERS	KG	580885	115748	0	0	0	465137	0	0	0	0		
MX033290	SEDIMENT CONTROL, SILT FENCE	METER	2669.7	190.4	0	0	0	2479.3	0	0	0	0		
MX033291	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	METER	1334.9	95.2	0	0	0	1239.7	0	0	0	0		
MX033292	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ M	322	0	0	0	0	322	0	0	0	0		
MX033303	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ M	812	78	0	0	0	734	0	0	0	0		
* MX033401	CONDUIT IN TRENCH, 50MM DIA., RIGID GALVANIZED STEEL	METER	10	0	0	10	0	0	0	0	0	0		
* MX033487	BLIND FLANGE CAP, 150MM DIA.	EACH	1	0	0	0	0	0	0	0	0	0	1	
MX355200	BITUMINOUS BASE COURSE SUPERPAVE, 200MM	SQ M	90	90	0	0	0	0	0	0	0	0		
MX406012	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	M TON	32.1	11.1	0	0	0	0	0	0	0	0	21	
MX406078	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N105	M TON	52.2	52.2	0	0	0	0	0	0	0	0		
MX406220	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N105	M TON	36.1	36.1	0	0	0	0	0	0	0	0		
MX406271	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50 150MM	SQ M	225	0	0	0	0	0	0	0	0	0	225	
MX550175	DUCTILE IRON PIPE, STORM SEWER, 150MM	METER	28	28	0	0	0	0	0	0	0	0		
MX637150	CONCRETE BARRIER, SINGLE FACE, 1065 MM HEIGHT, SPECIAL	METER	113	113	0	0	0	0	0	0	0	0		
MX704200	REMOVE TEMPORARY CONCRETE BARRIER	METER	3881	1433	0	0	0	2448	0	0	0	0		
<del>MX013825</del>	<del>CONTROLLED LOW STRENGTH MATERIAL</del>	<del>CU M</del>	<del>25</del>	0	0	0	0	0	0	0	0	0	<del>25</del>	
MZ022800	FENCE REMOVAL	METER	2346	327	0	0	0	2019	0	0	0	0		
MZ068400	STEEL CASINGS 1050MM	METER	5	0	0	0	0	0	0	0	0	0	5	
X0301229	ACCIDENT INVESTIGATION SITE	CAL MO	4	4	0	0	0	0	0	0	0	0		
X0320333	ROADWAY CLEANING (SPECIAL)	EACH	18	6	0	0	0	12	0	0	0	0		
X0322394	CONCRETE FILLED STEEL POST REMOVAL	EACH	10	10	0	0	0	0	0	0	0	0		
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	10	5	0	0	0	5	0	0	0	0		
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	1316	595	0	0	0	721	0	0	0	0		
X0323817	SEDIMENT CONTROL, SILT CURTAIN	EACH	3	0	0	0	0	3	0	0	0	0		
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	6	1	0	0	0	5	0	0	0	0		

- SPECIALTY ITEMS
- • 100% STATE
- • • 100% INDIANA
- • • • 100% VILLAGE OF LANSING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ DATE: 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

# SUMMARY OF QUANTITIES

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	LIGHTING-	SURVEIL-	SIGNING	ROADWAY	LIGHTING	SURVEIL-	SIGNING	VILLAGE		
				ILLINOIS	ILLINOIS	LANCE ILLINOIS	ILLINOIS	INDIANA	INDIANA	LANCE INDIANA	INDIANA	OF LANSING		
				CONSTRUCTION TYPE CODE										
				J000-2A	Y030-1E	Y032-1F	Y002-1C	J000-2A	Y030-1E	Y032-1F	Y002-1C	Y060		
X0324698	APPLY DUST SUPPRESSION AGENTS	UNIT	2885	1393	0	0	0	1492	0	0	0	0		
* X0520100	JUNCTION BOX, TYPE J	EACH	1	0	0	1	0	0	0	0	0	0		
X6020166	DRAINAGE STRUCTURES, TYPE 1 SPECIAL WITH TWO TYPE 20 FRAME AND GRATES	EACH	10	10	0	0	0	0	0	0	0	0		
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	.33	0	0	0	.67	0	0	0	0		
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	240	80	0	0	0	160	0	0	0	0		
X7015000	CHANGEABLE MESSAGE SIGN	CAL MD	16	8	0	0	0	8	0	0	0	0		
XX001443	STEEL PLATES TO BE INSTALLED ON DRAINAGE STRUCTURE	EACH	12	8	0	0	0	4	0	0	0	0		
* XX004760	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	1	0	0	0	0	0	0	0	0	1		
XX005949	DRAINAGE STRUCTURES TO BE CLEANED	EACH	25	0	0	0	0	25	0	0	0	0		
Z0002600	BAR SPLICERS	EACH	36	36	0	0	0	0	0	0	0	0		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	.33	0	0	0	.67	0	0	0	0		
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	24	24	0	0	0	0	0	0	0	0		
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	6	2	0	0	0	4	0	0	0	0		
Z0030240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	8	0	0	0	0	8	0	0	0	0		
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	7	3	0	0	0	4	0	0	0	0		
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	0	0	0	0	2	0	0	0	0		
Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	1	0	0	0	0	1	0	0	0	0		
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	8	5	0	0	0	3	0	0	0	0		
<del>Z0076600</del>	<del>TRAINEES</del>	<del>— HOUR —</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>		
* MX033637	BLIND FLANGE CAP, 600MM DIA	EACH	5	0	0	0	0	0	0	0	0	5		
* MX033668	DUCTILE IRON WATER MAIN RESTRAINED JOINT TYPE, 600MM	METER	35	0	0	0	0	0	0	0	0	35		
* MX033669	DUCTILE IRON WATER MAIN RESTRAINED JOINT TYPE, 150MM	METER	8	0	0	0	0	0	0	0	0	8		
* MX033670	DUCTILE IRON WATER MAIN RESTRAINED JOINT TYPE, 600MM IN STEEL CASING PIPE, 1050MM AUGURED	METER	93	0	0	0	0	0	0	0	0	93		
* M6111240	TAPPING VALVES AND SLEEVES, 600MM	EACH	2	0	0	0	0	0	0	0	0	2		
* MX033672	VALVE VAULTS, TYPE A, 2.1M DIA., TYPE 1 FRAME, CLOSED LID	EACH	2	0	0	0	0	0	0	0	0	2		
* MX033673	ABANDON WATER MAIN IN PLACE, 600MM	L SUM	1	0	0	0	0	0	0	0	0	1		
MX033582	LUG SYSTEM COMPLETE (SPECIAL) 14.4 METER	EACH	1	1	0	0	0	0	0	0	0	0		
MX033583	REINFORCED CONCRETE PIPE TEE, 1950MM PIPE WITH 300MM RISER	EACH	3	3	0	0	0	0	0	0	0	0		
MX033584	REINFORCED CONCRETE PIPE TEE, 1950MM PIPE WITH 450MM RISER	EACH	1	1	0	0	0	0	0	0	0	0		
MX033585	STORM SEWER REMOVAL, 1200MM X 600MM ELLIPTICAL	METER	62	0	0	0	0	0	0	0	0	62		
MX033581	BARRIER SUPPORT STRUCTURE FOR NOISE ABATEMENT WALL	METER	279.6	279.6	0	0	0	0	0	0	0	0		
M6340705	CONCRETE GLARE SCREEN, SPECIAL	METER	22.8	22.8	0	0	0	0	0	0	0	0		

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- SPECIALTY ITEMS
- • 100% STATE
- • • 100% INDIANA
- • • • 100% VILLAGE OF LANSING
- △ SFTV-3N

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41

**SUMMARY OF QUANTITIES**

SCALE \_\_\_\_\_ DATE 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

# SUMMARY OF QUANTITIES

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE. 80/94	SECTION 2626.2-R-2	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 11
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	LIGHTING-	SURVEIL-	SIGNING	ROADWAY	LIGHTING	SURVEIL-	SIGNING	VILLAGE	CONSTRUCTION TYPE CODE		
				ILLINOIS	ILLINOIS	LANCE ILLINOIS	ILLINOIS	INDIANA	INDIANA	LANCE INDIANA	INDIANA	INDIANA	INDIANA	INDIANA	INDIANA
				J000-2A	Y030-1E	Y032-1F	Y002-1C	J000-2A	Y030-1E	Y032-1F	Y002-1C	Y000			
* M7802012	POLYUREA PAVEMENT MARKING, TYPE 1 - LINE 125MM	METER	2415	2415	0	0	0	0	0	0	0	0			
* MX030510	CONDUIT ATTACHED TO STRUCTURE, 100MM DIA., PVC, SCHEDULE 80	METER	160	0	0	0	0	0	0	160	0	0			
* MX033638	CONDUIT, ENCASED, REINFORCED CONCRETE, 100MM DIA., PVC, 6 WIDE X 2 HIGH	METER	22	0	0	22	0	0	0	0	0	0			
* MX033545	CONDUIT EMBEDDED IN STRUCTURE, 30MM DIA., CNC, 4 WIDE BY 2 HIGH	METER	904	0	0	904	0	0	0	0	0	0			
* MX0310115	CONDUIT ENCASED, REINFORCED CONCRETE, 30MM DIA., CNC, 4 WIDE BY 2 HIGH	METER	200	0	0	200	0	0	0	0	0	0			
* MX033674	CONDUIT ENCASED, REINFORCED CONCRETE, 100MM DIA., PVC, 3 WIDE BY 1 HIGH	METER	29	0	0	29	0	0	0	0	0	0			
* MX033675	CONDUIT EMBEDDED IN STRUCTURE, 75MM DIA., GALVANIZED STEEL	METER	5	0	0	5	0	0	0	0	0	0			
* MX033582	SEWER OUTFALL SEPARATOR SYSTEM	L SUM	1	1	0	0	0	0	0	0	0	0			
MX033639	SLIP-ON FLAT BOTTOM CHECK VALVE 1950MM	EACH	1	1	0	0	0	0	0	0	0	0			
MX033640	SLIP-ON FLAT BOTTOM CHECK VALVE 600 MM	EACH	1	0	0	0	0	1	0	0	0	0			
* MX033691	PLANTING MIX FURNISH AND PLACE 900 MM	SQ M	159	159	0	0	0	0	0	0	0	0			
* MX033691	PAINT PAVEMENT MARKING - LINE 125 MM (SPECIAL)	METER	114.3	114.3	0	0	0	0	0	0	0	0			
MX033590	BORROW (INDIANA)	CU M	30895.6	0	0	0	0	30895.6	0	0	0	0			
MX033591	EXCAVATION COMMON (INDIANA)	CU M	7518.7	0	0	0	0	7518.7	0	0	0	0			
MX033686	EXCAVATION, UNCLASSIFIED (INDIANA)	CU M	3810.3	0	0	0	0	3810.3	0	0	0	0			
MX033642	SUBGRADE TREATMENT, TYPE 1A (INDIANA)	SQ M	62501	0	0	0	0	62501	0	0	0	0			
MX033592	SUBBASE FOR PCCP, (225) (INDIANA)	CU M	14062.7	0	0	0	0	14062.7	0	0	0	0			
MX033593	DENSE GRADED SUBBASE (INDIANA)	CU M	515.4	0	0	0	0	515.4	0	0	0	0			
MX033643	COMPACTED AGGREGATE, NO. 73 (INDIANA)	SQ M	1030	0	0	0	0	1030	0	0	0	0			
MX033644	QC/OA - PCCP, 400 MM (INDIANA)	SQ M	57226	0	0	0	0	57226	0	0	0	0			
MX033645	QC/OA - PCCP, 330 MM (INDIANA)	SQ M	3867	0	0	0	0	3867	0	0	0	0			
MX033647	PROFILOGRAPH, PCCP (INDIANA)	L SUM	1	0	0	0	0	1	0	0	0	0			
MX033594	D-1 CONTRACTION JOINT (INDIANA)	METER	11334	0	0	0	0	11334	0	0	0	0			
MX033595	TERMINAL JOINT (INDIANA)	METER	308	0	0	0	0	308	0	0	0	0			
MX033646	RETROFITTED TIE BARS (INDIANA)	EACH	370	0	0	0	0	370	0	0	0	0			
MX033620	IMPACT ATTENUATOR CR, W2, TL-3 (INDIANA)	EACH	4	0	0	0	0	4	0	0	0	0			
MX033596	BARRIER, CONCRETE, 1145 MM (INDIANA)	METER	263.8	0	0	0	0	263.8	0	0	0	0			
MX033597	BARRIER, CONCRETE, 1145 MM, MODIFIED (INDIANA)	METER	1033	0	0	0	0	1033	0	0	0	0			
MX033598	CONCRETE BARRIER, TRANSITION (INDIANA)	EACH	14	0	0	0	0	14	0	0	0	0			
MX033599	BARRIER DELINEATOR (INDIANA)	EACH	519	0	0	0	0	519	0	0	0	0			
MX033648	BARRIER, CONCRETE, 840 MM, MODIFIED (INDIANA)	METER	547	0	0	0	0	547	0	0	0	0			
MX033676	FENCE, CHAIN LINK, 1220 MM (INDIANA)	METER	2049	0	0	0	0	2049	0	0	0	0			

- SPECIALTY ITEMS
- • 100% STATE
- • • 100% INDIANA
- • • • 100% VILLAGE OF LANSING
- Δ SFTY-3N

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41

**SUMMARY OF QUANTITIES**

SCALE \_\_\_\_\_ DATE 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

# SUMMARY OF QUANTITIES

ALL DIMENSIONS IN METERS EXCEPT PAY  
ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE											
				ROADWAY ILLINOIS	LIGHTING-ILLINOIS	SURVEIL-LANCE ILLINOIS	SIGNING ILLINOIS	ROADWAY INDIANA	LIGHTING INDIANA	SURVEIL-LANCE INDIANA	SIGNING INDIANA	VILLAGE OF LANSING			
* MX033677	FENCE GATE, CHAIN LINK, 1220 MM X 3.7 M (INDIANA)	EACH	2	0	0	0	0	0	0	0	0	0	0	0	0
MX033679	SIDEWALK, CONCRETE 100 MM (INDIANA)	SQ M	277	0	0	0	0	277	0	0	0	0	0	0	0
MX033680	SIDEWALK, CONCRETE 150 MM (INDIANA)	SQ M	24	0	0	0	0	24	0	0	0	0	0	0	0
MX033681	CURB AND GUTTER, C, CONCRETE, SPECIAL (INDIANA)	METER	340	0	0	0	0	340	0	0	0	0	0	0	0
MX033649	REINFORCED CONCRETE BRIDGE APPROACH, 400MM (INDIANA)	SQ M	3436	0	0	0	0	3436	0	0	0	0	0	0	0
MX033650	MONUMENT, D (INDIANA)	EACH	3	0	0	0	0	3	0	0	0	0	0	0	0
MX033601	RIPRAP, UNIFORM (INDIANA)	SQ M	44	0	0	0	0	44	0	0	0	0	0	0	0
MX033651	GEOTEXTILES (INDIANA)	SQ M	44	0	0	0	0	44	0	0	0	0	0	0	0
MX033652	HANDRAIL, STEEL (INDIANA)	METER	11	0	0	0	0	11	0	0	0	0	0	0	0
MX033687	PIPE, TYPE 2, DEFORMED, MIN. AREA 1.68 M2 (INDIANA)	METER	12	0	0	0	0	12	0	0	0	0	0	0	0
MX033653	PIPE TYPE 2, CIRCULAR, 300 MM (INDIANA)	METER	917.8	0	0	0	0	917.8	0	0	0	0	0	0	0
MX033654	PIPE TYPE 2, CIRCULAR, 375 MM (INDIANA)	METER	244.1	0	0	0	0	244.1	0	0	0	0	0	0	0
MX033655	PIPE TYPE 2, CIRCULAR, 450 MM (INDIANA)	METER	334.5	0	0	0	0	334.5	0	0	0	0	0	0	0
MX033656	PIPE TYPE 2, CIRCULAR, 600 MM (INDIANA)	METER	693.6	0	0	0	0	693.6	0	0	0	0	0	0	0
MX033657	PIPE TYPE 2, CIRCULAR, 750 MM (INDIANA)	METER	166.3	0	0	0	0	166.3	0	0	0	0	0	0	0
MX033658	PIPE TYPE 2, CIRCULAR, 900 MM (INDIANA)	METER	146	0	0	0	0	146	0	0	0	0	0	0	0
MX033659	PIPE TYPE 4, CIRCULAR, 150 MM (INDIANA)	METER	3225.4	0	0	0	0	3225.4	0	0	0	0	0	0	0
MX033660	PIPE END SECTION, 600 MM (INDIANA)	EACH	2	0	0	0	0	2	0	0	0	0	0	0	0
MX033688	PIPE, SLOTTED DRAIN, 300 MM (INDIANA)	METER	575.7	0	0	0	0	575.7	0	0	0	0	0	0	0
MX033604	PIPE INSTALLATION, TRENCHLESS, 600 MM (INDIANA)	METER	59	0	0	0	0	59	0	0	0	0	0	0	0
MX033603	GEOTEXTILES FOR UNDERDRAIN (INDIANA)	SQ M	7753	0	0	0	0	7753	0	0	0	0	0	0	0
MX033605	AGGREGATE FOR UNDERDRAINS (INDIANA)	CU M	1023	0	0	0	0	1023	0	0	0	0	0	0	0
* MX033606	VIDEO INSPECTION FOR UNDERDRAINS (INDIANA)	METER	3230	0	0	0	0	3230	0	0	0	0	0	0	0
MX033607	INLET TYPE HA (INDIANA)	EACH	1	0	0	0	0	1	0	0	0	0	0	0	0
MX033608	MANHOLE, C4 (INDIANA)	EACH	3	0	0	0	0	3	0	0	0	0	0	0	0
MX033609	MANHOLE, D4 (INDIANA)	EACH	2	0	0	0	0	2	0	0	0	0	0	0	0
MX033610	DROP MANHOLE, C2 (INDIANA)	EACH	2	0	0	0	0	2	0	0	0	0	0	0	0
MX033611	DROP MANHOLE, C4 (INDIANA)	EACH	1	0	0	0	0	1	0	0	0	0	0	0	0
MX033612	INLET TYPE H, (SPECIAL) WITH SLOTTED DRAIN (INDIANA)	EACH	2	0	0	0	0	2	0	0	0	0	0	0	0
MX033613	INLET TYPE H, (SPECIAL) (INDIANA)	EACH	14	0	0	0	0	14	0	0	0	0	0	0	0
MX033614	INLET TYPE HA, (MODIFIED) (INDIANA)	EACH	34	0	0	0	0	34	0	0	0	0	0	0	0
MX033615	INLET TYPE HA, (SPECIAL) (INDIANA)	EACH	7	0	0	0	0	7	0	0	0	0	0	0	0

- SPECIALTY ITEMS
- • 100% STATE
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- • • • 100% VILLAGE OF LANSING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**SUMMARY OF QUANTITIES**

SCALE: DATE 07/05  
DRAWN BY ACE/CAD  
CHECKED BY TAE



# SUMMARY OF QUANTITIES

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE. 80/94	SECTION 2626.2-R-2	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	LIGHTING-	SURVEIL-	SIGNING	ROADWAY	LIGHTING	SURVEIL-	SIGNING	VILLAGE	
				ILLINOIS	ILLINOIS	LANCE	ILLINOIS	ILLINOIS	ILLINOIS	LANCE	ILLINOIS	OF	
				CONSTRUCTION	TYPE CODE								
				J000-2A	Y030-1E	Y032-1F	Y002-1C	J000-2A	Y030-1E	Y032-1F	Y002-1C	Y060	
MX033616	INLET TYPE HA. (SPECIAL) WITH SLOTTED DRAIN (INDIANA)	EACH	7	0	0	0	0	7	0	0	0	0	
MX033617	MANHOLE, C2 (INDIANA)	EACH	1	0	0	0	0	1	0	0	0	0	
MX033618	MANHOLE, D2 (INDIANA)	EACH	3	0	0	0	0	3	0	0	0	0	
MX033619	MANHOLE, E4 (INDIANA)	EACH	2	0	0	0	0	2	0	0	0	0	
MX033661	AUTOMATIC DRAINAGE GATE, 600MM (INDIANA)	EACH	1	0	0	0	0	1	0	0	0	0	
MX033662	MANHOLE, C2 WITH SLOTTED DRAIN (INDIANA)	EACH	4	0	0	0	0	4	0	0	0	0	
MX033687	INLET, TYPE HA (MODIFIED) WITH SLOTTED DRAIN (INDIANA)	EACH	6	0	0	0	0	6	0	0	0	0	
MX033689	CASTING, 5, FURNISH AND ADJUST TO GRADE (INDIANA)	EACH	4	0	0	0	0	4	0	0	0	0	
* MX033684	SPAN OVERHEAD SIGN STRUCTURE, BOX TRUSS (INDIANA)	METER	101	0	0	0	0	0	0	0	101	0	
* MX033685	SPAN OVERHEAD SIGN STRUCTURE, BOX TRUSS SPECIAL (INDIANA)	METER	28	0	0	0	0	0	0	0	28	0	
* MX033622	REINFORCING STEEL, SIGN FOUNDATION (INDIANA)	KG	15130	0	0	0	0	0	0	0	15130	0	
* MX033623	SIGN PANEL WITH LEGEND (INDIANA)	SQ M	211	0	0	0	0	0	0	0	211	0	
* MX033624	TUBULAR TRAFFIC SIGN POST (INDIANA)	EACH	12	0	0	0	4	0	0	0	8	0	
* MX033625	CONCRETE SIGN FOUNDATION (INDIANA)	CU M	102.5	0	0	0	0	0	0	0	102.5	0	
* MX033683	SIGN POST, WOOD (INDIANA)	METER	27	0	0	0	0	0	0	0	27	0	
* MX033626	SIGN, SHEET, ENCAPSULATED LENS WITH LEGEND, 2.54MM THICKNESS (INDIANA)	SQ M	24	0	0	0	0	0	0	0	24	0	
* MX033627	SIGN, SHEET, ENCAPSULATED LENS WITH LEGEND, 3.18MM THICKNESS (INDIANA)	SQ M	30	0	0	0	0	0	0	0	30	0	
* MX033623	CONCRETE FOUNDATION WITH GROUNDING, 750MM DIA X 1500MM (INDIANA)	EACH	9	0	0	0	0	0	9	0	0	0	
* MX033628	LINE, EPOXY, SOLID, WHITE, 100 MM (INDIANA)	METER	2915	0	0	0	0	2915	0	0	0	0	
* MX033629	LINE, EPOXY, SOLID, YELLOW, 100 MM (INDIANA)	METER	4133	0	0	0	0	4133	0	0	0	0	
* MX033630	LINE, EPOXY, SOLID, WHITE, 200 MM (INDIANA)	METER	2741	0	0	0	0	2741	0	0	0	0	
* MX033664	LINE, EPOXY, SOLID, WHITE, 600 MM (INDIANA)	METER	336	0	0	0	0	336	0	0	0	0	
* MX033631	LINE, EPOXY, BROKEN, WHITE, 125 MM (INDIANA)	METER	3230	0	0	0	0	3230	0	0	0	0	
* MX033632	PAVEMENT MESSAGE MARKING, EPOXY, WORD ONLY (INDIANA)	SQ M	10.5	0	0	0	0	10.5	0	0	0	0	
* MX033633	PAVEMENT MESSAGE MARKING, EPOXY, TURN ARROW (INDIANA)	SQ M	7.4	0	0	0	0	7.4	0	0	0	0	
* MX033634	SNOWPLOWABLE RAISED PAVEMENT MARKER (INDIANA)	EACH	1162	0	0	0	0	1162	0	0	0	0	
* MX033678	LINE, EPOXY, BROKEN, WHITE, 200 MM (INDIANA)	METER	169	0	0	0	0	169	0	0	0	0	
* MX033665	WIM STATION, 10 LANE SLC (INDIANA)	L SUM	1	0	0	0	0	0	0	1	0	0	
* MX033635	SEWER OUTFALL SEPARATOR SYSTEM (INDIANA)	L SUM	1	0	0	0	0	1	0	0	0	0	
X0325176	CONCRETE FILLED STEEL POST	EACH	14	14	0	0	0	0	0	0	0	0	

- SPECIALTY ITEMS
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**SUMMARY OF QUANTITIES**

SCALE \_\_\_\_\_ DATE 07/05 DRAWN BY ACE/CAD  
CHECKED BY TAE



# SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE										
				RETAINING WALLS ILLINOIS	NOISE WALLS ILLINOIS	MINOR STRUCTURES ILLINOIS	RETAINING WALLS INDIANA	NOISE WALLS INDIANA	MINOR STRUCTURES INDIANA	BRIDGE OVER HOHMAN	BRIDGE OVER LITTLE CALUMET	BRIDGE OVER HARRISON	VILLAGE OF LANSING	
	<i>URBAN</i>			Y007	Y220	Y007	Y007	Y220	Y007	X281-2A	X071-2A	X271-2A		
50300440	ERECTING ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	63	0	0	0	0	0	0	0	63	0	0	
50300450	ERECTING ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	42	0	0	0	0	0	0	0	42	0	0	
50500305	ERECTING STRUCTURAL STEEL	L SUM	1	0	0	0	0	0	0	0	.79	.21	0	
60248000	JUNCTION CHAMBER, NO. 1	EACH	1	0	0	0	0	0	0	0	0	0	1	
60248100	JUNCTION CHAMBER, NO. 2	EACH	1	0	0	0	0	0	0	0	0	0	1	
60248200	JUNCTION CHAMBER, NO. 3	EACH	4	0	0	4	0	0	0	0	0	0	0	
60248300	JUNCTION CHAMBER, NO. 4	EACH	2	0	0	2	0	0	0	0	0	0	0	
60248400	JUNCTION CHAMBER, NO. 5	EACH	2	0	0	2	0	0	0	0	0	0	0	
M3111010	SUB-BASE GRANULAR MATERIAL, TYPE B	M TON	408.5	408.5	0	0	0	0	0	0	0	0	0	
M5020100	STRUCTURE EXCAVATION	CU M	535.1	535.1	0	0	0	0	0	0	0	0	0	
M5030350	CONCRETE STRUCTURES	CU M	279.48	269	0	10.48	0	0	0	0	0	0	0	
M5030380	RUSTICATION FINISH	SQ M	4598	148	0	0	4450	0	0	0	0	0	0	
M5030450	PROTECTIVE COAT	SQ M	92.7	92.7	0	0	0	0	0	0	0	0	0	
M5041219	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 1219MM	METER	1272	0	0	0	0	0	0	1272	0	0	0	
M5080105	REINFORCEMENT BARS	KG	490	0	0	490	0	0	0	0	0	0	0	
M5080205	REINFORCEMENT BARS, EPOXY COATED	KG	18390	18390	0	0	0	0	0	0	0	0	0	
M5910100	GEOCOMPOSITE WALL DRAIN	SQ M	4328	138	0	0	4190	0	0	0	0	0	0	
M6011105	PIPE UNDERDRAINS FOR STRUCTURES 150MM	METER	52.5	52.5	0	0	0	0	0	0	0	0	0	
MX030128	REMOVAL OF EXISTING NOISE ABATEMENT WALL	SQ M	8798	0	0	0	0	8798	0	0	0	0	0	
MX030257	ERECTING FLOATING BEARINGS, GUIDED EXPANSION 1250KN	EACH	21	0	0	0	0	0	0	0	21	0	0	
MX030355	NOISE ABATEMENT WALL, GROUND MOUNTED	SQ M	1213	0	1213	0	0	0	0	0	0	0	0	
MX030356	NOISE ABATEMENT WALL, STRUCTURE MOUNTED	SQ M	11169	0	11169	0	0	0	0	0	0	0	0	
MX030511	EXCAVATION FOUNDATION, UNCLASSIFIED (INDIANA)	CU M	21085	0	0	0	16071	0	0	1876	2671	467	0	
MX030512	EXCAVATION WET (INDIANA)	CU M	498	0	0	0	0	0	0	0	498	0	0	
MX030513	EXCAVATION DRY (INDIANA)	CU M	1362	0	0	0	0	0	0	0	1362	0	0	
MX030514	STRUCTURE BACKFILL (INDIANA)	CU M	22373.7	0	0	0	15321.5	0	5160.2	623	473	796	0	
MX030515	RIPRAP REVETMENT (INDIANA)	SQ M	4314	0	0	0	0	0	0	0	4314	0	0	
MX030516	TEST PILE, 356MM (INDIANA)	EACH	22	0	0	0	16	0	0	4	0	2	0	
MX030517	PILE, CONCRETE, STEEL SHELL ENCASED, 6.35MM, 356MM (INDIANA)	METER	<del>3331.5</del>	0	0	0	18973	0	0	<del>3324</del>	9483	1531.5	0	
MX030518	CONCRETE, A, SUBSTRUCTURE (INDIANA)	CU M	11141.8	0	0	0	7322.8	0	0	940	2761.1	117.9	0	
MX030519	CONCRETE, C, SUPERSRUCTURE (INDIANA)	CU M	3255.9	0	0	0	0	0	0	938.1	1716.2	601.6	0	
MX030520	REINFORCING BARS, EPOXY COATED (INDIANA)	KG	<del>1,177,220</del>	0	0	0	<del>506,010</del>	0	0	<del>174,000</del>	<del>423,230</del>	<del>73,980</del>	0	
MX030521	PIPE, UNDERDRAIN, PERFORATED, 1.63MM, 150MM (INDIANA)	METER	1248	0	0	0	1248	0	0	0	0	0	0	

- SPECIALTY ITEMS
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**SUMMARY OF QUANTITIES**

SCALE: DATE 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

Rev.

# SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODE										
				RETAINING WALLS ILLINOIS	NOISE WALLS ILLINOIS	MINOR STRUCTURES ILLINOIS	RETAINING WALLS INDIANA	NOISE WALLS INDIANA	MINOR STRUCTURES INDIANA	BRIDGE OVER HOHMAN	BRIDGE OVER LITTLE CALUMET	BRIDGE OVER HARRISON	VILLAGE OF LANSING	
				Y007	Y220	Y007	Y007	Y220	Y007	X281-2A	X071-2A	X271-2A		
MX030522	STRUCTURAL EXPANSION JOINT, SS (INDIANA)	METER	131.1	0	0	0	0	0	0	0	131.1	0	0	
MZ013825	CONTROLLED LOW-STRENGTH MATERIAL	CU M	165.4	140.4	0	0	0	0	0	0	0	0	25	
X0324587	NOISE ABATEMENT WALL ANCHOR ROD ASSEMBLY	EACH	438	15	0	0	304	0	0	36	55	28	0	
X0324756	THREADED TIE BAR ASSEMBLY, EPOXY COATED (INDIANA)	EACH	1962	0	0	0	0	0	0	956	299	707	0	
X0324758	FIELD WELDED STUD SHEAR CONNECTOR (INDIANA)	EACH	40884	0	0	0	0	0	0	0	33612	7272	0	
X0324759	ANCHOR BOLT (INDIANA)	EACH	662	0	0	0	0	0	0	104	462	96	0	
X0324776	MASONRY COATING (INDIANA)	L SUM	1	0	0	0	.58	0	0	.1	.25	.07	0	
X7330360	OVERHEAD SIGN STRUCTURE - SPAN, ANCHOR ROD ASSEMBLY	EACH	2	2	0	0	0	0	0	0	0	0	0	
MX033575	REMOVE MECHANICALLY STABILIZED EARTH WALL	SQ M	603	0	0	0	603	0	0	0	0	0	0	
MX033587	PRESENT STRUCTURE, STR. NO. I-80-1-8460, REMOVE (INDIANA)	L SUM	1	0	0	0	0	0	0	0	1	0	0	
MX033588	PRESENT STRUCTURE, STR. NO. I-80-1-8461, REMOVE (INDIANA)	L SUM	1	0	0	0	0	0	0	0	0	1	0	
MX033589	PRESENT STRUCTURE, STR. NO. I-80-1-8459, REMOVE (INDIANA)	L SUM	1	0	0	0	0	0	0	1	0	0	0	
MX033666	B BORROW (INDIANA)	CU M	2725.1	0	0	0	2725.1	0	0	0	0	0	0	
MX033660	SLOPEWALL, CONCRETE, 100 mm (INDIANA)	SQ M	3101	0	0	0	0	0	0	1856	0	1245	0	
MX033668	SOUND BARRIER SYSTEM, TYPE 2 (INDIANA)	SQ M	8505	0	0	0	0	8505	0	0	0	0	0	
MX033636	SURFACE SEAL (INDIANA)	L SUM	1	0	0	0	.23	0	0	.18	.47	.12	0	
MX033667	GRATES, BASINS, AND FITTINGS, CAST IRON (INDIANA)	KG	584	0	0	0	0	0	0	0	584	0	0	
MX033621	BEARING ASSEMBLY, ELASTOMERIC TYPE 1 (INDIANA)	EACH	48	0	0	0	0	0	0	48	0	0	0	
MX033690	OVERHEAD SIGN STRUCTURE - SPAN, ANCHOR ROD ASSEMBLY (INDIANA)	EACH	6	0	0	0	6	0	0	0	0	0	0	
020076600	TRAINERS	HOUR	500	500										

- 0 Y080
- SPECIALTY ITEMS
- • • 100% STATE
- • • 100% INDIANA
- • • • 100% VILLAGE OF LANSING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**SUMMARY OF QUANTITIES**

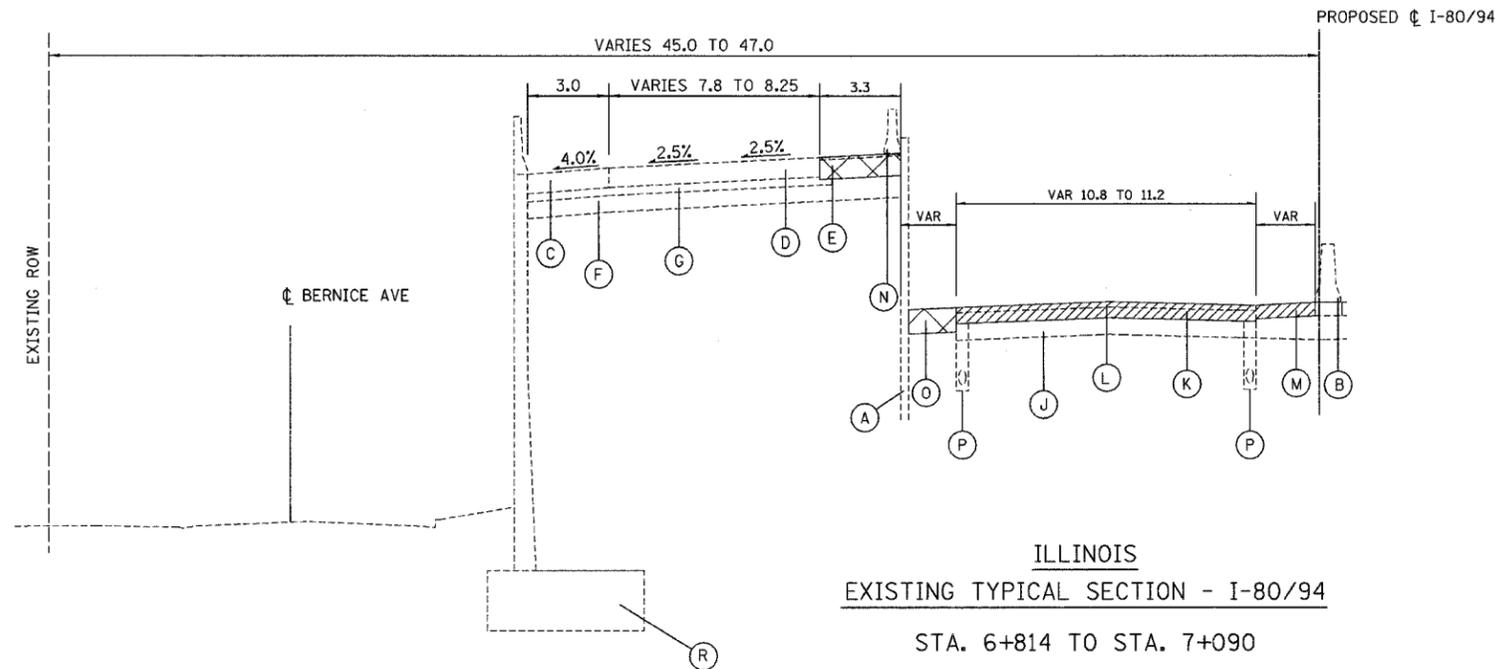
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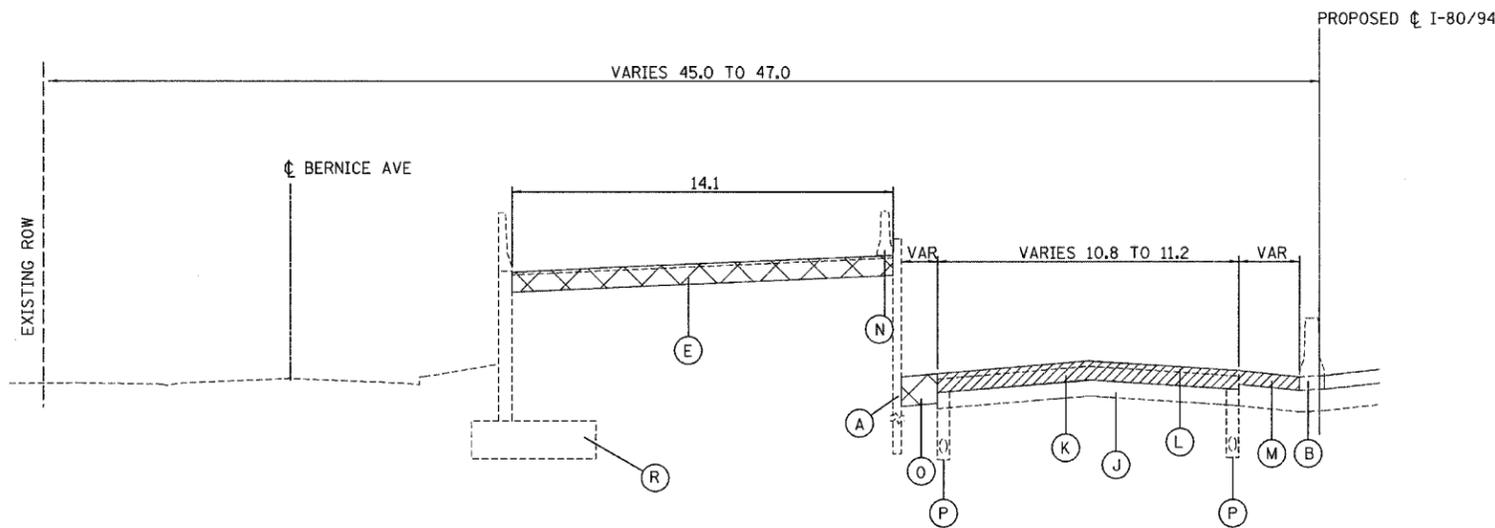
Rev.

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



ILLINOIS  
EXISTING TYPICAL SECTION - I-80/94  
STA. 6+814 TO STA. 7+090



ILLINOIS  
EXISTING TYPICAL SECTION - I-80/94  
STA. 7+090 TO STA. 7+260  
PAVEMENT BREAKING STA. 7+090 TO STA. 7+125  
THEREAFTER PAVEMENT REMOVAL

EXISTING LEGEND (ILLINOIS & INDIANA)

- Ⓐ STEEL SHEET PILING REMOVAL
- Ⓑ CONCRETE BARRIER REMOVAL
- Ⓒ PORTLAND CEMENT CONCRETE SHOULDERS - 360MM
- Ⓓ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 360MM
- Ⓔ BITUMINOUS PAVEMENT 360MM, TEMPORARY
- Ⓕ SUB-BASE GRANULAR MATERIAL
- Ⓖ STABILIZED SUB-BASE 150MM
- Ⓗ CONCRETE BARRIER
- Ⓘ BITUMINOUS SHOULDERS (SEE TABLE)
- Ⓝ AGGREGATE SUBGRADE (300MM & VAR)
- Ⓚ PORTLAND CEMENT CONCRETE PAVEMENT (275MM & VAR)
- Ⓛ BITUMINOUS OVERLAY (115MM & VAR)
- Ⓜ BITUMINOUS SHOULDER PAVEMENT (250MM & VAR)
- Ⓝ TEMPORARY CONCRETE BARRIER
- Ⓞ CONTROLLED LOW STRENGTH MATERIAL
- Ⓟ PAVEMENT UNDERDRAIN
- Ⓡ RETAINING WALL BUILT BY OTHERS
- Ⓢ REINFORCED CONCRETE SHOULDERS
- Ⓣ SINGLE PLATE BEAM GUARDRAIL
- Ⓤ NOISE ABATEMENT WALL GROUND MOUNT
- Ⓟ NOISE ABATEMENT WALL STRUCTURE MOUNT

- ⊗ PAVEMENT REMOVAL
- ⊘ PAVED SHOULDER REMOVAL
- ⊙ CONCRETE REMOVAL
- ⊚ PAVEMENT BREAKING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
EXISTING TYPICAL SECTIONS  
STA. 6+814 TO STA. 7+260  
WESTBOUND I-80/94/US 6

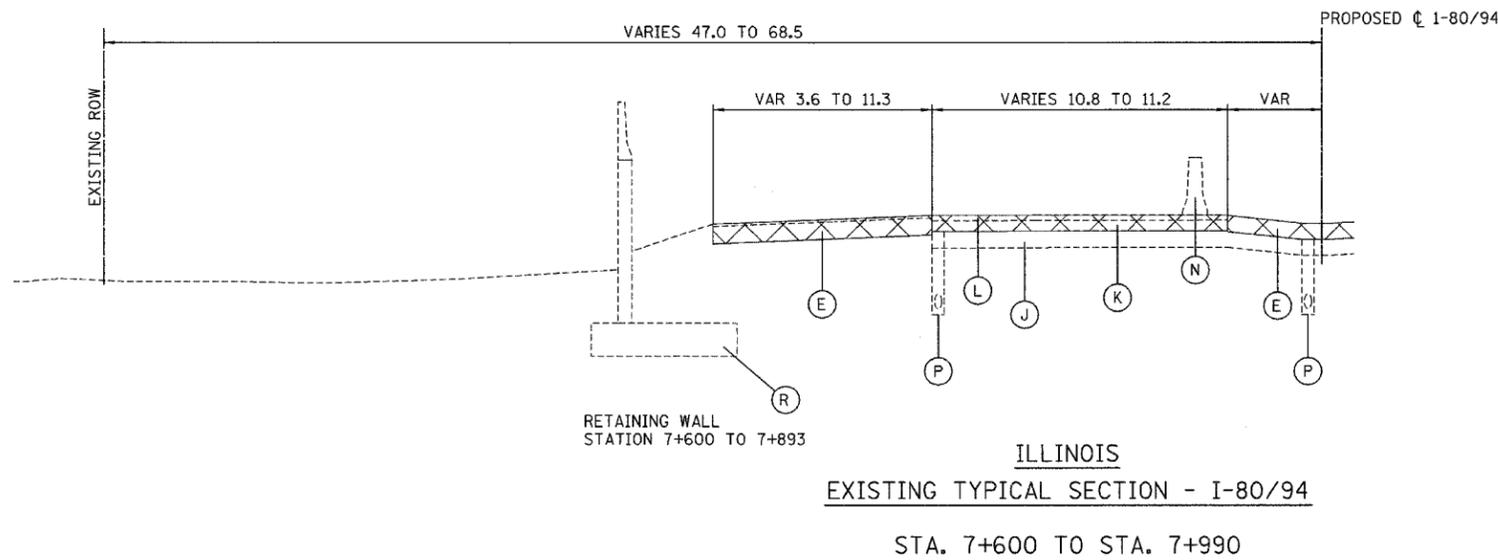
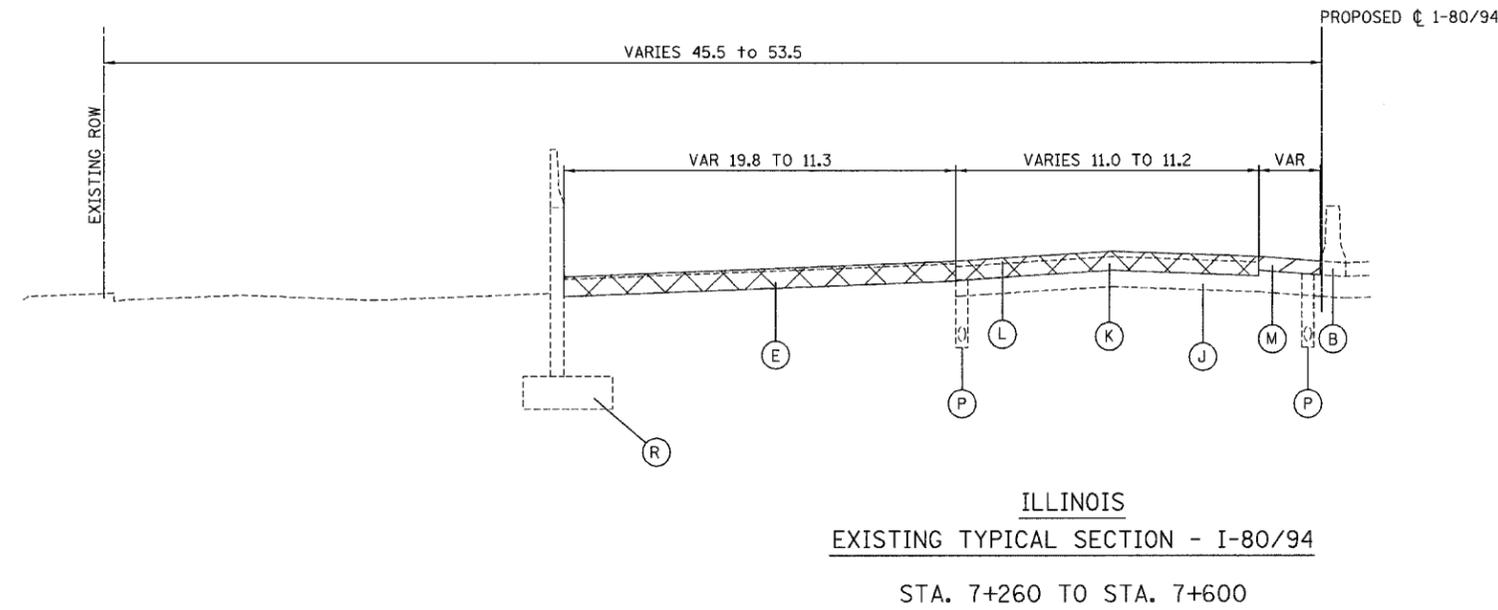
SCALE NTS  
DATE 07/05

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**AMERICAN**  
CONSULTING ENGINEERS

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



- EXISTING LEGEND (ILLINOIS & INDIANA)**
- Ⓐ STEEL SHEET PILING REMOVAL
  - Ⓑ CONCRETE BARRIER REMOVAL
  - Ⓒ PORTLAND CEMENT CONCRETE SHOULDERS - 360MM
  - Ⓓ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 360MM
  - Ⓔ BITUMINOUS PAVEMENT 360MM, TEMPORARY
  - Ⓕ SUB-BASE GRANULAR MATERIAL
  - Ⓖ STABILIZED SUB-BASE 150MM
  - Ⓗ CONCRETE BARRIER
  - Ⓘ BITUMINOUS SHOULDERS (SEE TABLE)
  - Ⓝ AGGREGATE SUBGRADE (300MM & VAR)
  - Ⓚ PORTLAND CEMENT CONCRETE PAVEMENT (275MM & VAR)
  - Ⓛ BITUMINOUS OVERLAY (115MM & VAR)
  - Ⓜ BITUMINOUS SHOULDER PAVEMENT (250MM & VAR)
  - Ⓝ TEMPORARY CONCRETE BARRIER
  - Ⓞ CONTROLLED LOW STRENGTH MATERIAL
  - Ⓟ PAVEMENT UNDERDRAIN
  - Ⓠ RETAINING WALL BUILT BY OTHERS
  - Ⓡ REINFORCED CONCRETE SHOULDERS
  - Ⓢ SINGLE PLATE BEAM GUARDRAIL
  - Ⓣ NOISE ABATEMENT WALL GROUND MOUNT
  - Ⓤ NOISE ABATEMENT WALL STRUCTURE MOUNT

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- CONCRETE REMOVAL
- PAVEMENT BREAKING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**EXISTING TYPICAL SECTIONS**  
STA. 7+260 TO STA. 7+990  
WESTBOUND I-80/94/US 6

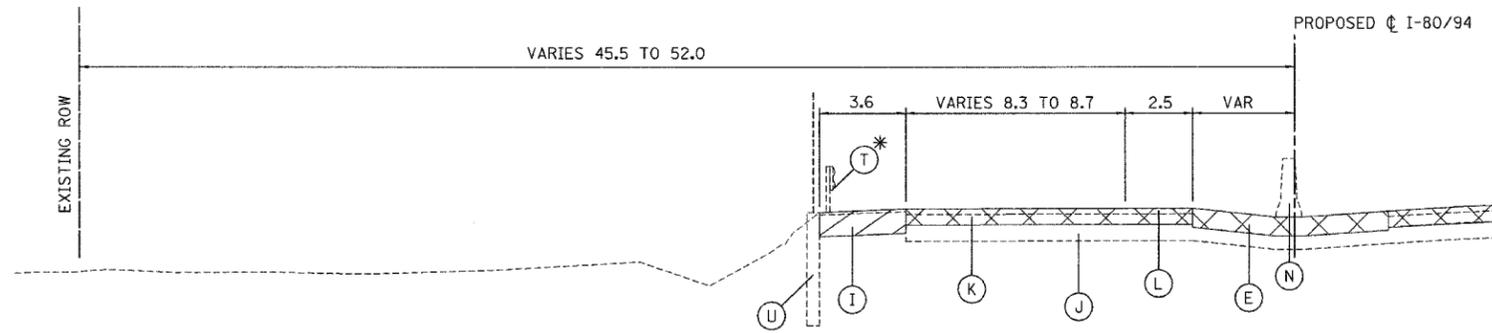
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DATE 07/05

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CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

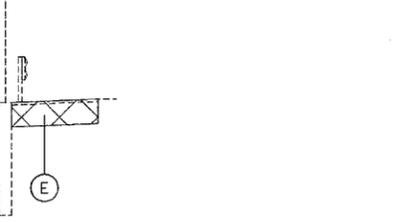
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

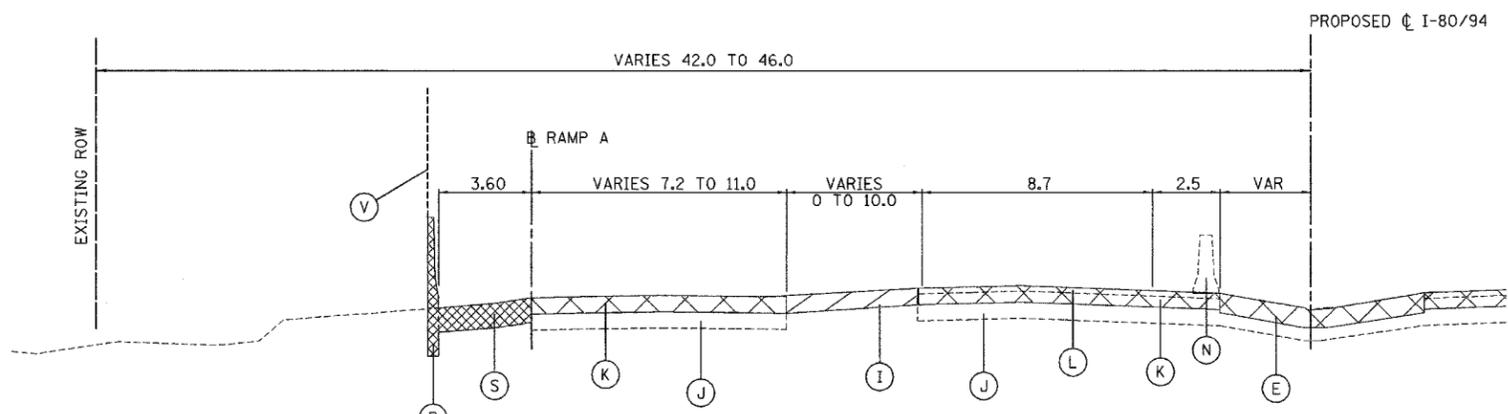


INDIANA  
EXISTING TYPICAL SECTION - I-80/94

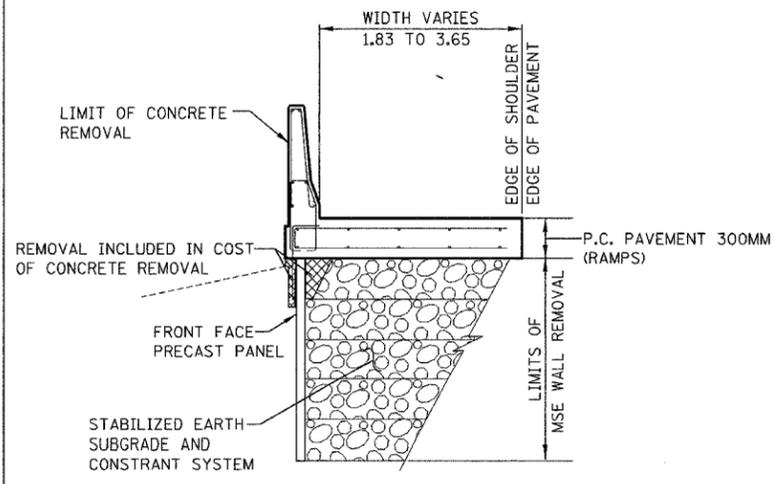
\* BEGINS AT STA. 8+043



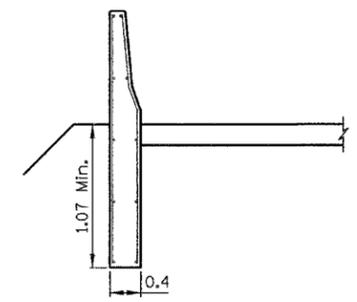
INDIANA  
EXISTING TYPICAL SECTION - I-80/94



INDIANA  
EXISTING TYPICAL SECTION - I-80/94



EXISTING REINFORCED CONCRETE SHOULDER  
WB STA. 8+927.0 TO STA. 9+109.9 (WITH NOISE ABATEMENT WALL)  
EB STA. 9+052.7 TO STA. 9+169.3 (CONCRETE REMOVAL)  
EB MSE WALL REMOVAL AS NEEDED FOR STORM SEWER INSTALLATION



EXISTING SPECIAL CONCRETE BARRIER  
EB STA. 9+169.3 TO STA. 9+210.9  
REMOVAL PAID AS CONCRETE REMOVAL

EXISTING LEGEND (ILLINOIS & INDIANA)

- (A) STEEL SHEET PILING REMOVAL
- (B) CONCRETE BARRIER REMOVAL
- (C) PORTLAND CEMENT CONCRETE SHOULDERS - 360MM
- (D) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 360MM
- (E) BITUMINOUS PAVEMENT 360MM, TEMPORARY
- (F) SUB-BASE GRANULAR MATERIAL
- (G) STABILIZED SUB-BASE 150MM
- (H) CONCRETE BARRIER
- (I) BITUMINOUS SHOULDERS (SEE TABLE)
- (J) AGGREGATE SUBGRADE (300MM & VAR)
- (K) PORTLAND CEMENT CONCRETE PAVEMENT (275MM & VAR)
- (L) BITUMINOUS OVERLAY (115MM & VAR)
- (M) BITUMINOUS SHOULDER PAVEMENT (250MM & VAR)
- (N) TEMPORARY CONCRETE BARRIER
- (O) CONTROLLED LOW STRENGTH MATERIAL
- (P) PAVEMENT UNDERDRAIN
- (R) RETAINING WALL BUILT BY OTHERS
- (S) REINFORCED CONCRETE SHOULDERS
- (T) SINGLE PLATE BEAM GUARDRAIL
- (U) NOISE ABATEMENT WALL GROUND MOUNT
- (V) NOISE ABATEMENT WALL STRUCTURE MOUNT

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- CONCRETE REMOVAL
- PAVEMENT BREAKING

SHOULDER THICKNESS TABLE

TYPE	OFFSET	STATIONS	ESTIMATED THICKNESS
BITUMINOUS	LEFT	7+990 TO 8+580	400 mm

NOTE: THE TABLE PRESENTS THICKNESS OF ORIGINAL I-80/94 SHOULDERS REMAINING TO BE REMOVED IN PHASE III (2006). OTHER SHOULDERS REMOVED AND REPLACED WITH TEMPORARY PAVEMENT IN PREVIOUS PHASES ARE LABEL (E).

BRIDGE OMISSIONS:  
HOHMAN 8+191 TO 8+256  
LIT. CAL. 8+405 TO 8+595  
HARRISON 8+727 TO 8+776

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
EXISTING TYPICAL SECTIONS  
STA. 7+990 TO STA. 9+102  
WESTBOUND I-80/94/US 6

SCALE NTS  
DATE 07/05

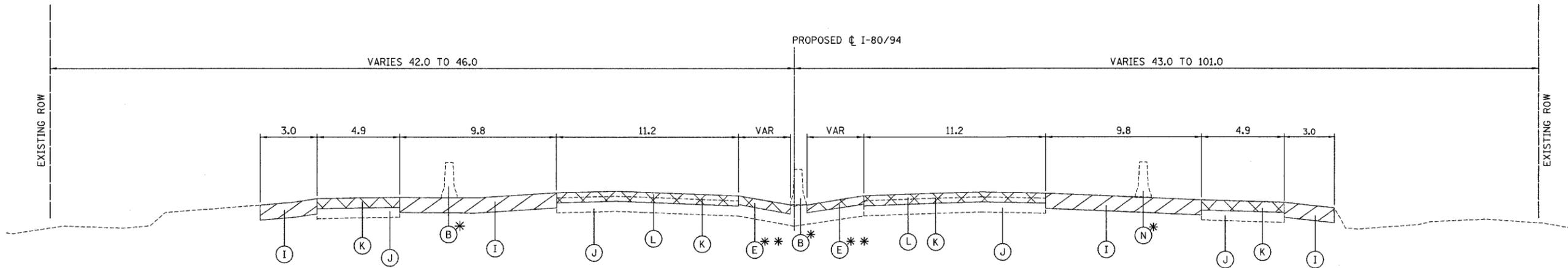
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**AMERICAN**  
CONSULTING ENGINEERS

REVISIONS	
NAME	DATE

ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	19
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



**WESTBOUND**  
STA. 9+110 TO STA. 9+395

\*STA. 9+110 TO STA. 9+395 CONCRETE BARRIER  
STA. 9+395 TO STA. 9+416 TEMPORARY CONCRETE BARRIER

**EXISTING TYPICAL SECTION - I-80/94**

\*STA. 9+201 TO STA. 9+226 CONCRETE BARRIER  
STA. 9+250 TO STA. 9+350 TEMPORARY CONCRETE BARRIER (BRIDGE PIERS)

**EASTBOUND**  
STA. 9+227 TO STA. 9+375

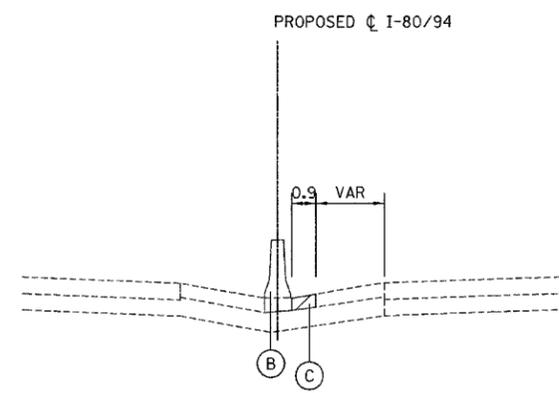
\*STA. 9+227 TO STA. 9+444 TEMPORARY CONCRETE BARRIER

\*\*ⓐ PAVED SHOULDER REMOVAL  
STA. 9+250 TO STA. 9+395 WB  
STA. 9+250 TO STA. 9+375 EB

**EXISTING LEGEND**

- Ⓐ STEEL SHEET PILING REMOVAL
- Ⓑ CONCRETE BARRIER REMOVAL
- Ⓒ PORTLAND CEMENT CONCRETE SHOULDERS - 360MM
- Ⓓ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 360MM
- Ⓔ BITUMINOUS PAVEMENT 360MM, TEMPORARY
- Ⓕ SUB-BASE GRANULAR MATERIAL
- Ⓖ STABILIZED SUB-BASE 150MM
- Ⓗ CONCRETE BARRIER
- ⓐ BITUMINOUS SHOULDERS (SEE TABLE)
- ⓓ AGGREGATE SUBGRADE (300MM & VAR)
- Ⓚ PORTLAND CEMENT CONCRETE PAVEMENT (275MM & VAR)
- Ⓛ BITUMINOUS OVERLAY (115MM & VAR)
- Ⓜ BITUMINOUS SHOULDER PAVEMENT (250MM & VAR)
- Ⓝ TEMPORARY CONCRETE BARRIER
- Ⓞ CONTROLLED LOW STRENGTH MATERIAL
- Ⓟ PAVEMENT UNDERDRAIN
- Ⓠ RETAINING WALL BUILT BY OTHERS
- Ⓡ REINFORCED CONCRETE SHOULDERS
- Ⓢ SINGLE PLATE BEAM GUARDRAIL
- Ⓣ NOISE ABATEMENT WALL GROUND MOUNT
- Ⓤ NOISE ABATEMENT WALL STRUCTURE MOUNT

- ⓧ PAVEMENT REMOVAL
- ⓨ PAVED SHOULDER REMOVAL
- ⓩ CONCRETE REMOVAL
- ⓪ PAVEMENT BREAKING



**EXISTING TYPICAL SECTION - I-80/94**  
STA. 9+382 TO STA. 9+650

SHOULDER THICKNESS TABLE

TYPE	OFFSET	STATIONS	ESTIMATED THICKNESS
CONCRETE	RIGHT	9+045.00 TO 9+275.00	300 mm

NOTE: THE TABLE PRESENTS THICKNESS OF ORIGINAL I-80/94 SHOULDERS REMAINING TO BE REMOVED IN PHASE III (2006). OTHER SHOULDERS REMOVED AND REPLACED WITH TEMPORARY PAVEMENT IN PREVIOUS PHASES ARE LABEL ⓔ.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**EXISTING TYPICAL SECTIONS**  
STA. 9+110 TO STA. 9+395  
I-80/94/US 6

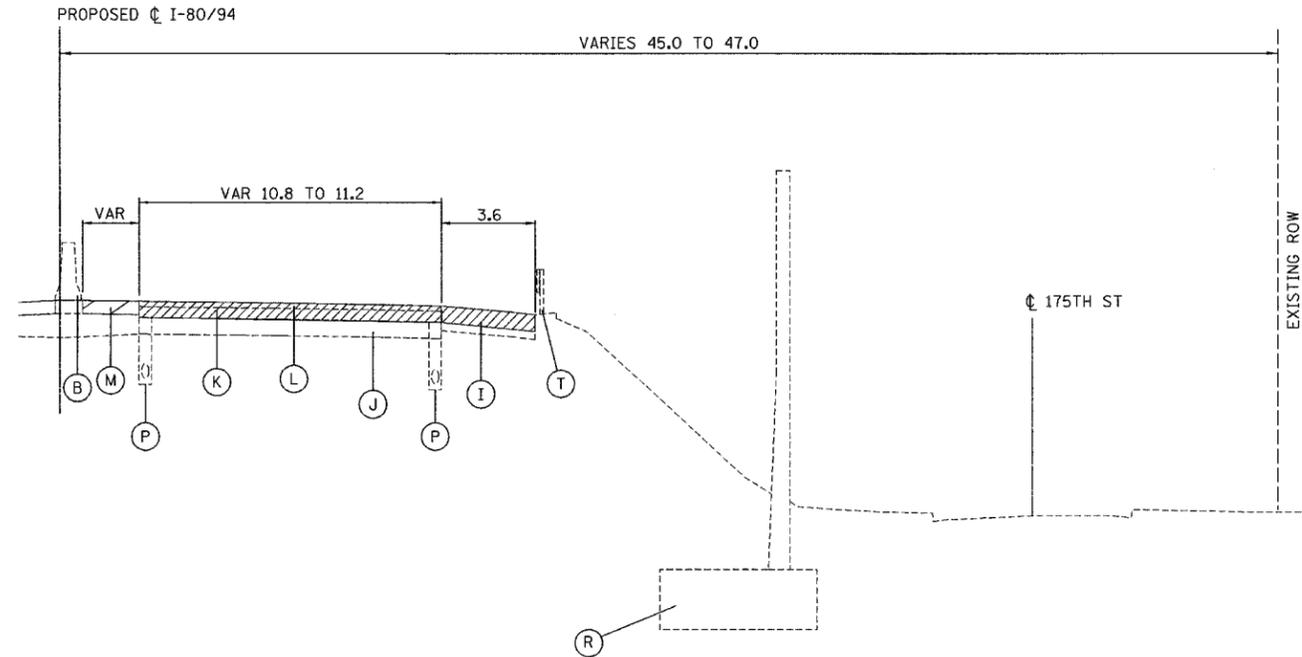
SCALE NTS  
DATE 07/05

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**AMERICAN**  
CONSULTING ENGINEERS

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



ILLINOIS  
EXISTING TYPICAL SECTION - I-80/94  
STA. 6+814 TO STA. 7+125  
GUARDRAIL TO STA. 7+068

EXISTING LEGEND (ILLINOIS & INDIANA)

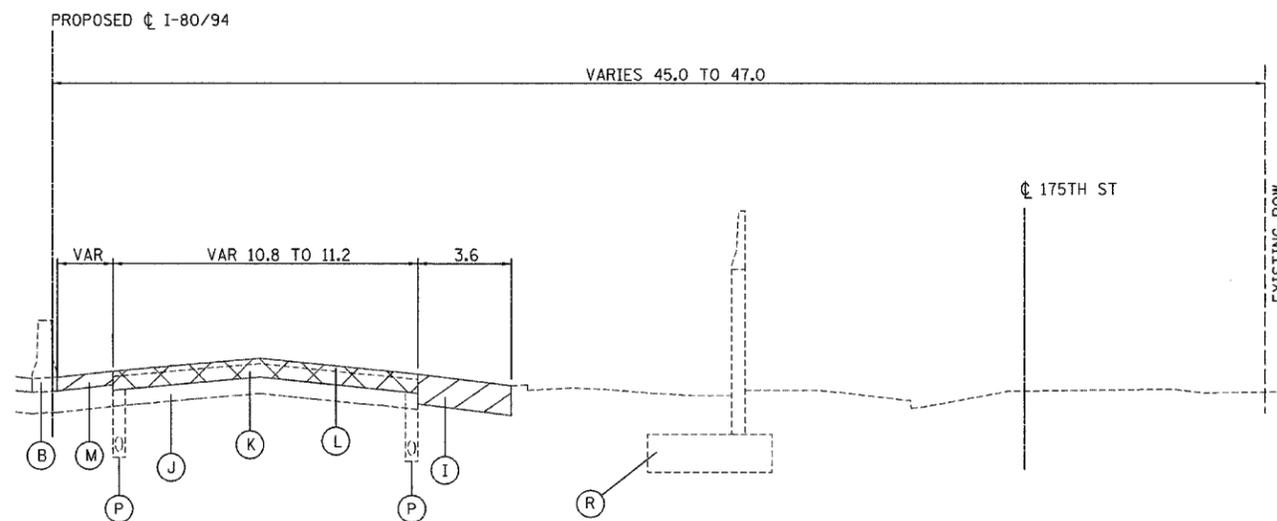
- Ⓐ STEEL SHEET PILING REMOVAL
- Ⓑ CONCRETE BARRIER REMOVAL
- Ⓒ PORTLAND CEMENT CONCRETE SHOULDERS - 360MM
- Ⓓ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 360MM
- Ⓔ BITUMINOUS PAVEMENT 360MM, TEMPORARY
- Ⓕ SUB-BASE GRANULAR MATERIAL
- Ⓖ STABILIZED SUB-BASE 150MM
- Ⓗ CONCRETE BARRIER
- Ⓙ BITUMINOUS SHOULDERS (SEE TABLE)
- ⓫ AGGREGATE SUBGRADE (300MM & VAR)
- ⓬ PORTLAND CEMENT PAVEMENT (275MM & VAR)
- ⓭ BITUMINOUS OVERLAY (115MM & VAR)
- ⓮ BITUMINOUS SHOULDER PAVEMENT (250MM & VAR)
- ⓯ TEMPORARY CONCRETE BARRIER
- ⓱ CONTROLLED LOW STRENGTH MATERIAL
- ⓲ PAVEMENT UNDERDRAIN
- ⓳ RETAINING WALL BUILT BY OTHERS
- ⓴ REINFORCED CONCRETE SHOULDERS
- ⓵ SINGLE PLATE BEAM GUARDRAIL
- ⓶ NOISE ABATEMENT WALL GROUND MOUNT
- ⓷ NOISE ABATEMENT WALL STRUCTURE MOUNT

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- CONCRETE REMOVAL
- PAVEMENT BREAKING

SHOULDER THICKNESS TABLE

TYPE	OFFSET	STATIONS	ESTIMATED THICKNESS
BITUMINOUS	RIGHT	6+814.72 TO 8+300.00	400 mm
BITUMINOUS	RIGHT	8+300.00 TO 9+045.00	175 mm
CONCRETE	RIGHT	9+045.00 TO 9+275.00	300 mm

NOTE: THE TABLE PRESENTS THICKNESS OF ORIGINAL I-80/94 SHOULDERS REMAINING TO BE REMOVED IN PHASE III (2006). OTHER SHOULDERS REMOVED AND REPLACED WITH TEMPORARY PAVEMENT IN PREVIOUS PHASES ARE LABEL (E).



ILLINOIS  
EXISTING TYPICAL SECTION - I-80/94  
STA. 7+125 TO STA. 7+600  
TEMPORARY CONCRETE BARRIER FROM STA. 7+068

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
EXISTING TYPICAL SECTIONS  
STA. 6+814 to STA. 7+600  
EASTBOUND I-80/94/US 6

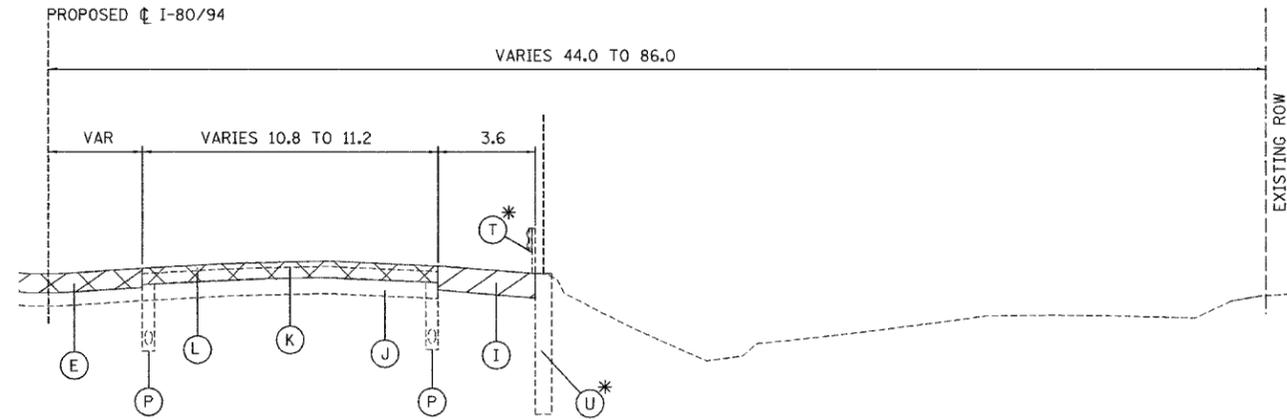
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DATE 07/05

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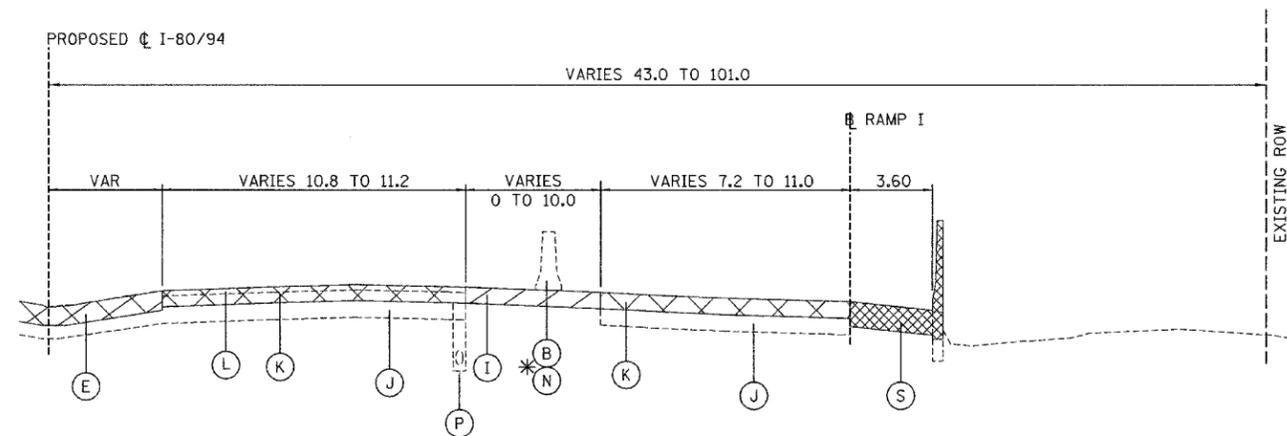
ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE. 80/94	SECTION 2626.2-R-2	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 21
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



**ILLINOIS & INDIANA**  
**EXISTING TYPICAL SECTION - I-80/94**

STA. 7+600 TO STA. 9+050  
\*GROUND MOUNTED NOISE WALL WITH GUARDRAIL  
STA. 8+783 TO STA. 8+936



**INDIANA**  
**EXISTING TYPICAL SECTION - I-80/94**

STA. 9+050 TO STA. 9+227  
CONCRETE BARRIER  
(B) STA. 9+193 TO STA. 9+201  
\*(N) STA. 9+201 TO STA. 9+227  
OTHERWISE NO BARRIER PRESENT

**EXISTING LEGEND**

- (A) STEEL SHEET PILING REMOVAL
- (B) CONCRETE BARRIER REMOVAL
- (C) PORTLAND CEMENT CONCRETE SHOULDERS - 360MM
- (D) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 360MM
- (E) BITUMINOUS PAVEMENT 360MM, TEMPORARY
- (F) SUB-BASE GRANULAR MATERIAL
- (G) STABILIZED SUB-BASE 150MM
- (H) CONCRETE BARRIER
- (I) BITUMINOUS SHOULDERS (SEE TABLE)
- (J) AGGREGATE SUBGRADE (300MM & VAR)
- (K) PORTLAND CEMENT CONCRETE PAVEMENT (275MM & VAR)
- (L) BITUMINOUS OVERLAY (115MM & VAR)
- (M) BITUMINOUS SHOULDER PAVEMENT (250MM & VAR)
- (N) TEMPORARY CONCRETE BARRIER
- (O) CONTROLLED LOW STRENGTH MATERIAL
- (P) PAVEMENT UNDERDRAIN
- (R) RETAINING WALL BUILT BY OTHERS
- (S) REINFORCED CONCRETE SHOULDERS
- (T) SINGLE PLATE BEAM GUARDRAIL
- (U) NOISE ABATEMENT WALL GROUND MOUNT
- (V) NOISE ABATEMENT WALL STRUCTURE MOUNT

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- CONCRETE REMOVAL
- PAVEMENT BREAKING

**SHOULDER THICKNESS TABLE**

TYPE	OFFSET	STATIONS	ESTIMATED THICKNESS
BITUMINOUS	RIGHT	6+814.72 TO 8+300.00	400 mm
BITUMINOUS	RIGHT	8+300.00 TO 9+045.00	175 mm
CONCRETE	RIGHT	9+045.00 TO 9+275.00	300 mm

NOTE: THE TABLE PRESENTS THICKNESS OF ORIGINAL I-80/94 SHOULDERS REMAINING TO BE REMOVED IN PHASE III (2006). OTHER SHOULDERS REMOVED AND REPLACED WITH TEMPORARY PAVEMENT IN PREVIOUS PHASES ARE LABEL (E).

BRIDGE OMISSIONS:  
HOHMAN 8+197 TO 8+262  
LIT. CAL. 8+419 TO 8+603  
HARRISON 8+732 TO 8+782

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**EXISTING TYPICAL SECTIONS**  
STA. 7+600 TO STA. 9+227  
EASTBOUND I-80/94/US 6

SCALE NTS  
DATE 07/05

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**AMERICAN**  
CONSULTING ENGINEERS

ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

**PROPOSED LEGEND (ILLINOIS)**

PROPOSED SECTION LEGEND - ILLINOIS

- ① EARTH EXCAVATION
- ② EARTH EXCAVATION (SPECIAL)
- ③ EMBANKMENT \* \*
- ④ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑤ TOPSOIL FURNISH AND PLACE, 150MM & SEEDING, CLASS 2A
- ⑥ NOT USED
- ⑦ SUB-BASE GRANULAR MATERIAL, TYPE B 300MM \* \*  
75 MM GRANULAR SUBBASE CAP  
225 MM GRANULAR SUBBASE
- ⑧ STABILIZED SUB-BASE 150MM \* \*
- ⑨ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 360MM \* \*
- ⑩ PAVEMENT REINFORCEMENT 360MM
- ⑪ PORTLAND CEMENT CONCRETE SHOULDERS - 360MM \* \*
- ⑫ PIPE UNDERDRAINS 150MM
- ⑬ CONCRETE BARRIER, DOUBLE FACE, 1065 HEIGHT OR
- ⑭ CONCRETE BARRIER BASE
- ⑮ NOT USED
- ⑯ BARRIER SUPPORT STRUCTURE FOR NOISE ABATEMENT WALL
- ⑰ STRUCTURE MOUNTED NOISE ABATEMENT WALL

⑱ LONGITUDINAL JOINTS (LJ)  
(INCLUDED IN THE COST OF CRC PAVEMENT OR PCC SHOULDER)  
CONSTRUCTION JOINT W/ NO. 25 DEFORMED TIE BARS (EPOXY COATED) 600 mm LONG AT 600 mm CTRS, GROUT IN PLACE  
SAWED JOINT W/ NO. 20 DEFORMED TIE BARS (EPOXY COATED) 750 mm LONG AT 750 mm CTRS

\* \* ITEM TO BE CONSTRUCTED TO EXTENDED LIFE CONCRETE PAVEMENT SPECIFICATIONS  
NOTE:  
SEE PIPE UNDERDRAIN AND SUBGRADE DETAILS FOR INFO ON INSTALLATION OF ITEM ④ AND ⑫ IN ILLINOIS.

BRIDGE OMISSIONS:

STA 8+193.7 TO 8+246.2 HOHMAN AVE BRIDGE  
STA 8+410.9 TO 8+599.1 LITTLE CAL BRIDGE  
STA 8+726.7 TO 8+781.0 HARRISON ST BRIDGE

CRC REINFORCEMENT CHART ON STANDARD 421001 SHALL BE MODIFIED AS FOLLOWS:

PAVEMENT WIDTH	A	B	C	D
3.6 M	26 SPACES (27 BARS) AT 132MM	90MM	75MM	660MM
4.2 M	31 SPACES (32 BARS) AT 130 MM	90MM	75MM	660MM
4.9 M	35 SPACES (36 BARS) AT 135MM	95MM	85MM	660MM

THE REINFORCEMENT SHALL BE 115 MM FROM THE TOP OF PAVEMENT.

**PROPOSED LEGEND (INDIANA)**

(STA 7+950 TO STA 9+395.341)

- ① QC/QA PCCP, 400 MM (INDIANA)
- ①A QC/QA PCCP, 330 MM (INDIANA)
- ② QC/QA REINFORCED PCCP FOR SHOULDER, 400 MM (INDIANA)
- ③ SUBBASE FOR PCCP (INDIANA) (225 MM)  
75 MM DENSE GRADED SUBBASE  
150 MM SUBBASE FOR PCCP
- ④ PIPE TYPE 4, CIRCULAR, 150 MM (INDIANA)
- ⑤ BARRIER, CONCRETE 1145 MM (INDIANA)
- ⑤A BARRIER, CONCRETE 840 MM (INDIANA)
- ⑥ BARRIER, CONCRETE, 1145 mm, MODIFIED (INDIANA)
- ⑦ RETAINING WALL (SEE STRUCTURE DETAILS)
- ⑧ TOPSOIL FURNISH AND PLACE, 150MM & SEEDING, CLASS 2A
- ⑨ BORROW (INDIANA)
- ⑨A B BORROW (INDIANA)
- ⑨B STRUCTURE BACKFILL
- ⑩ EARTH EXCAVATION
- ⑪ SUBGRADE TREATMENT TYPE 1A (INDIANA) (12" COARSE AGGREGATE NO. 53)
- ⑪A COMPACTED AGGREGATE, NO. 73
- ⑫ SOUND BARRIER SYSTEM, TYPE 2 (INDIANA) (SEE NOISE WALL DETAILS)
- ⑬ LONGITUDINAL JOINT (PER 503-CCPJ-02, 03, 04, 07 AND 08)  
(INCLUDED IN THE COST OF QC/QA PCCP, PAVEMENT)

**BITUMINOUS MIX REQUIREMENT CHART**

MIXTURE TYPE	PG	RAP % MAX	AIR VOIDS	UNIT WT. (ESTIMATE)
STABILIZED SUB-BASE 150MM	PG 58-22	25	3% @ 50	2.46 KG/MM/SQ-M
CLASS D PATCHES, TYPE IV, 350MM (IL-25MM, SUPERPAVE)	PG 64-22	0	4% @ 105	2.46 KG/MM/SQ-M
CLASS D PATCHES, TYPE IV, ALL NON INTERSTATE (IL-19MM, SUPERPAVE)	PG 64-22	0	4% @ 70	2.46 KG/MM/SQ-M
TEMPORARY PAVEMENT INTERSTATE				
POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N105 (45MM)	SBS 70-22	0	4% @ 105	2.39 KG/MM/SQ-M
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19, N105 (310MM)	PG 64-22	0	4% @ 105	2.46 KG/MM/SQ-M
STABILIZED CONSTRUCTION ENTRANCE				
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50 (45MM)	PG 64-22	10	4% @ 50	2.39 KG/MM/SQ-M
BITUMINOUS BASE COURSE, SUPERPAVE (210MM)	PG 64-22	50	2% @ 50	2.46 KG/MM/SQ-M
COMMERCIAL DRIVEWAYS				
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 (50 MM)	PG 64-22	15	4% @ 50	2.39 KG/MM/SQ-M
BITUMINOUS BASE COURSE, SUPERPAVE (200MM)	PG 58-22	50	2% @ 50	2.46 KG/MM/SQ-M
LOCAL ROADS				
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 (40MM)	PG 64-22	15	2% @ 50	2.39 KG/MM/SQ-M
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19, N50 (150MM)	PG 58-22	25	4% @ 50	2.46 KG/MM/SQ-M

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**PROPOSED TYPICAL SECTION  
LEGENDS AND TABLES  
I-80/94/US 6**

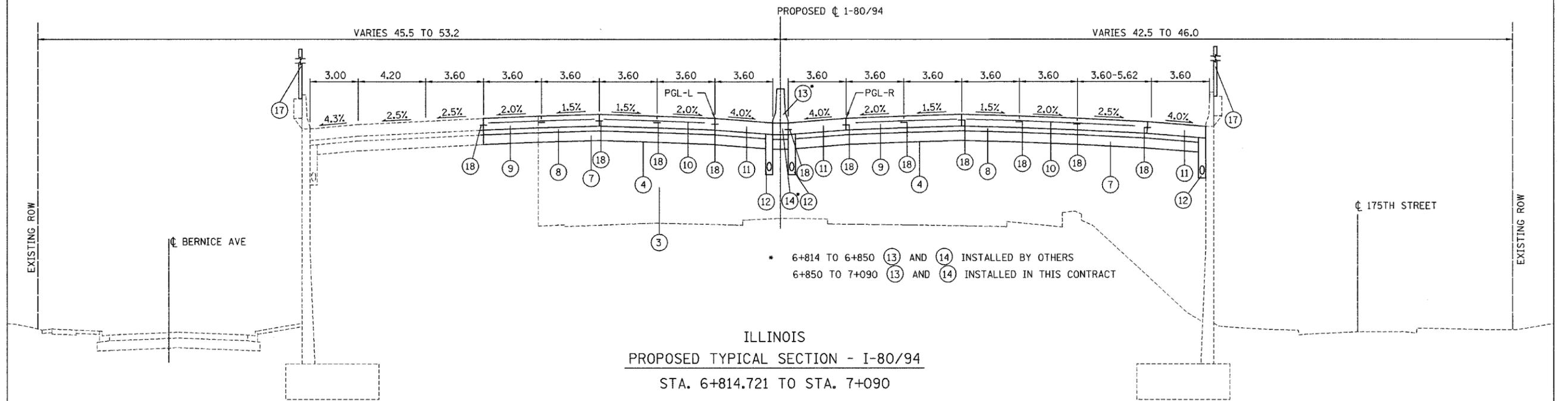
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DATE 07/05

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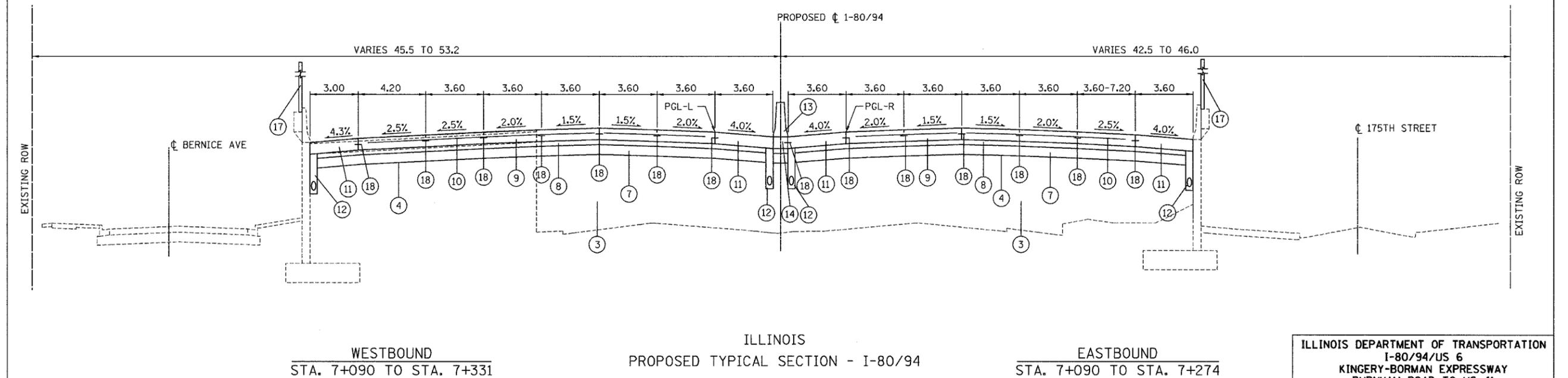
**AMERICAN**  
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ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



ILLINOIS  
PROPOSED TYPICAL SECTION - I-80/94  
STA. 6+814.721 TO STA. 7+090



WESTBOUND  
STA. 7+090 TO STA. 7+331

ILLINOIS  
PROPOSED TYPICAL SECTION - I-80/94

EASTBOUND  
STA. 7+090 TO STA. 7+274

NOTE:  
FOR PROPOSED LEGEND (ILLINOIS) SEE PROPOSED TYPICAL SECTION LEGENDS AND TABLES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
PROPOSED TYPICAL SECTION  
STA. 6+814.721 TO STA. 7+331  
I-80/94/US 6

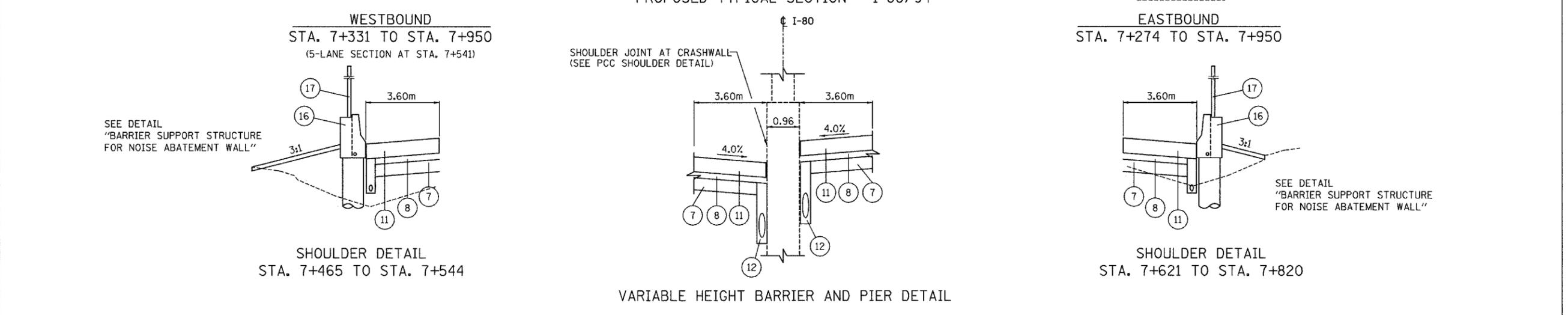
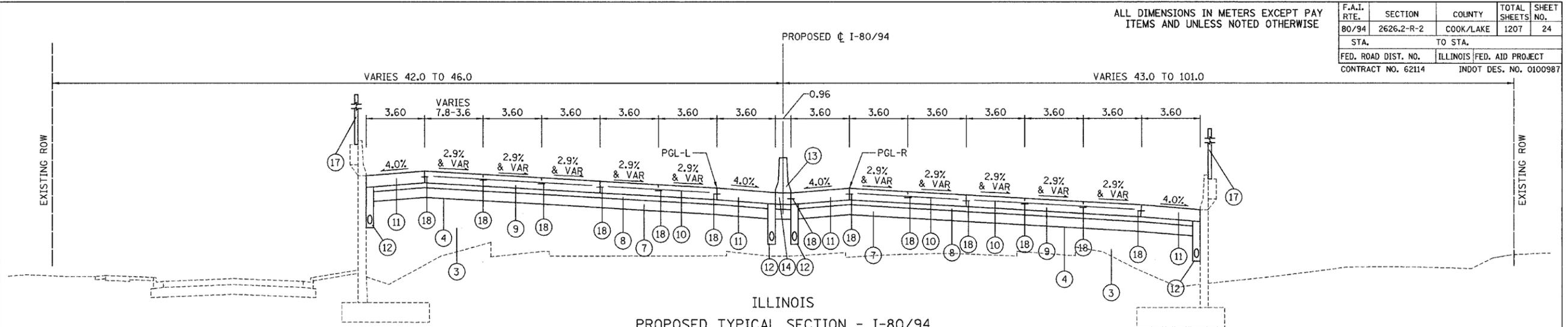
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DATE 07/05

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**AMERICAN**  
CONSULTING ENGINEERS

ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	24
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



REVISIONS	
NAME	DATE

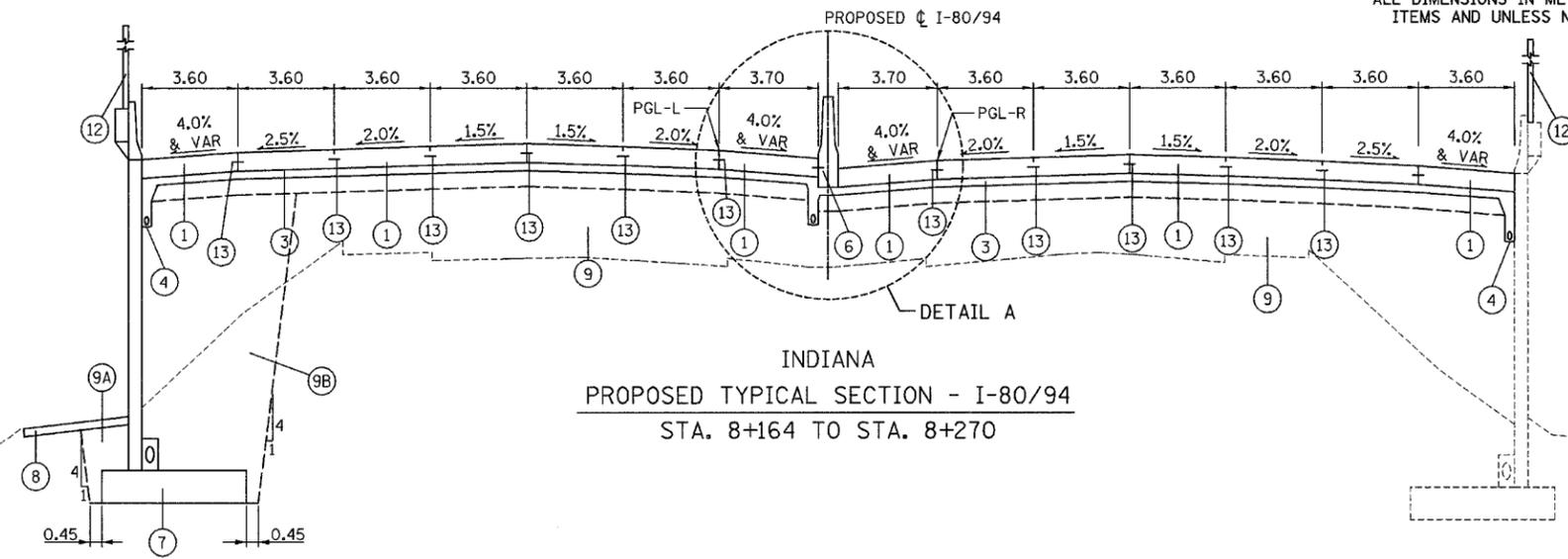
ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
PROPOSED TYPICAL SECTION  
STA. 7+274 TO STA. 8+164  
I-80/94/US 6

SCALE NTS  
DATE 07/05

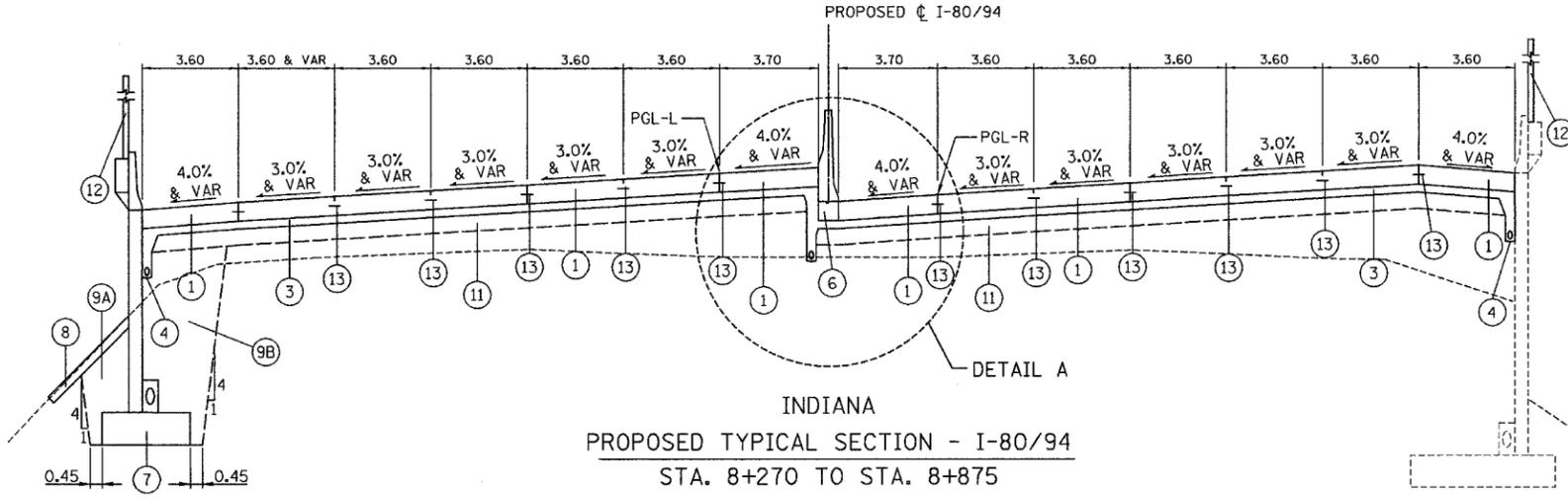
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

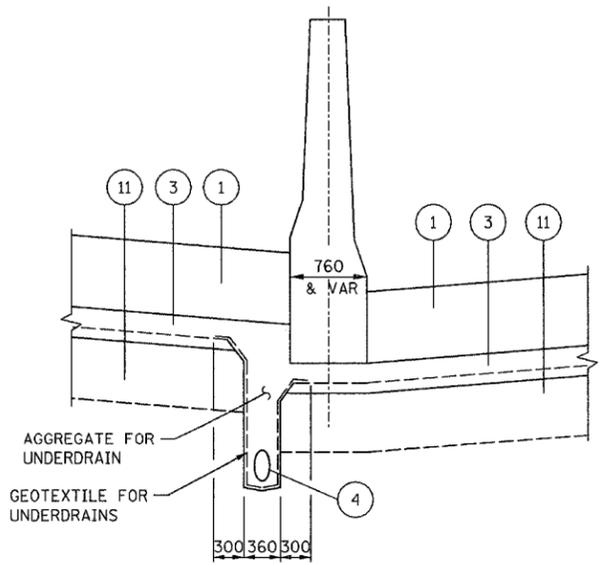


INDIANA  
PROPOSED TYPICAL SECTION - I-80/94  
STA. 8+164 TO STA. 8+270

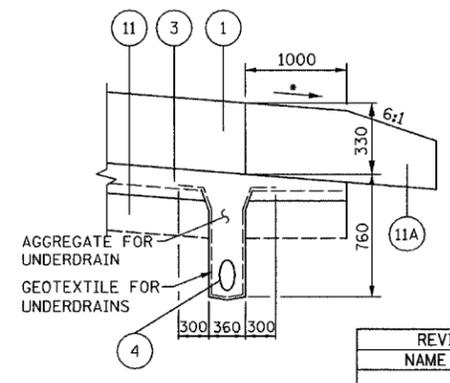


INDIANA  
PROPOSED TYPICAL SECTION - I-80/94  
STA. 8+270 TO STA. 8+875

NOTE:  
FOR PROPOSED LEGEND (INDIANA) SEE PROPOSED TYPICAL SECTION LEGENDS AND TABLES.



DETAIL A  
TYPICAL INDIANA UNDER DRAIN DETAILS  
DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED



DETAIL B

\* MATCH ADJACENT PAVEMENT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
PROPOSED TYPICAL SECTION  
STA. 8+164 to STA. 8+875  
I-80/94/US 6

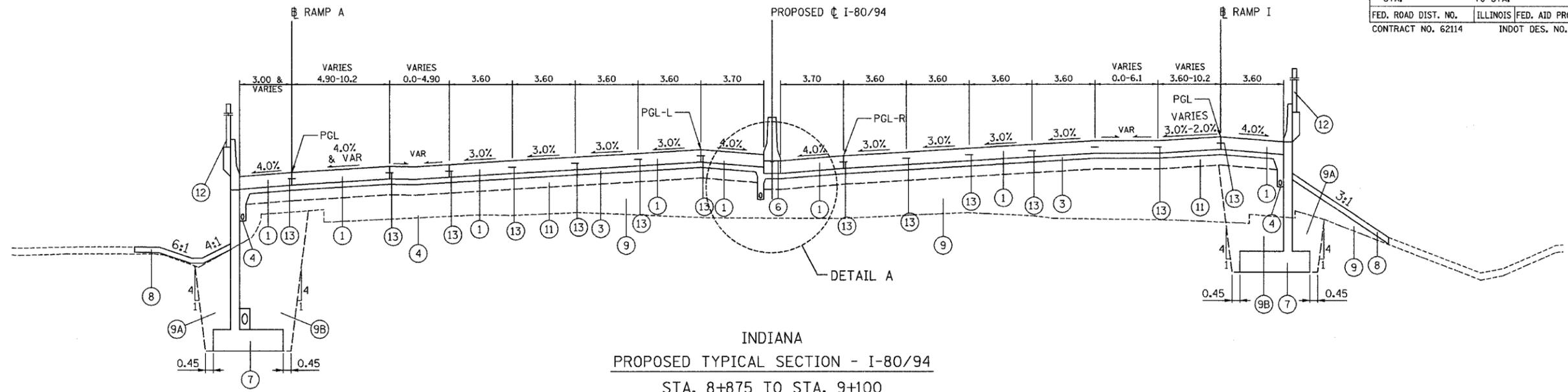
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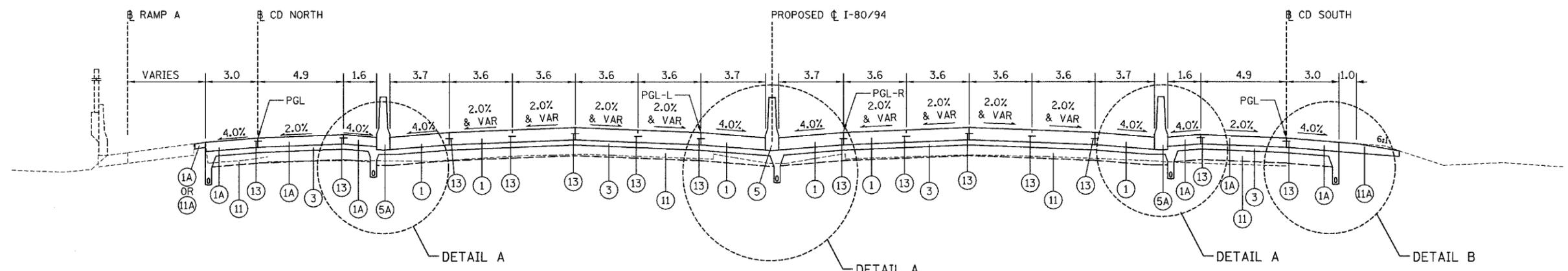
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ALL DIMENSIONS IN METERS EXCEPT PAY  
ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



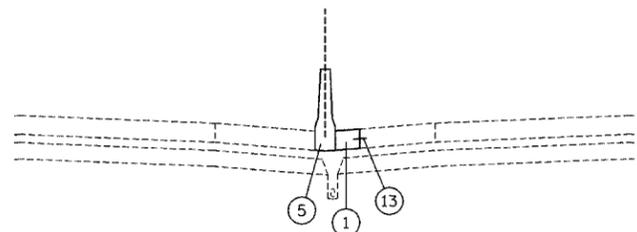
INDIANA  
PROPOSED TYPICAL SECTION - I-80/94  
STA. 8+875 TO STA. 9+100



BARRIER WALL  
STA 9+102 TO STA 9+912

INDIANA  
PROPOSED TYPICAL SECTION - I-80/94  
STA. 9+100 TO STA. 9+395.341 WB  
STA. 9+100 TO STA. 9+375.000 EB

BARRIER WALL  
STA 9+193 TO STA 9+444



INDIANA DETAIL  
STA. 9+382 TO STA. 9+650

NOTE:  
FOR PROPOSED LEGEND (INDIANA) SEE PROPOSED  
TYPICAL SECTION LEGENDS AND TABLES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**PROPOSED TYPICAL SECTION**  
STA. 8+875 TO STA. 9+395  
I-80/94/US 6

SCALE NTS  
DATE 07/05

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# SCHEDULE OF QUANTITIES

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	27
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

### TREE REMOVAL (OVER 15 UNITS DIAMETER)

STATION	OFFSET(m)	EACH
ILLINOIS		
DRAINAGE OUTFALL NORTH OF RIVER ROAD @ STATE LINE		
4 TREES @ 30" DIAMETER EACH		
		120.0
TOTAL =		120

### TREE TRUNK PROTECTION

STATION	OFFSET(m)	EACH
INDIANA		
8+029.429	36.462 LT	1.0
8+038.507	35.028 LT	1.0
8+061.786	35.646 LT	1.0
8+123.808	35.022 LT	1.0
8+138.639	34.949 LT	1.0
8+144.385	35.260 LT	1.0
8+158.310	35.409 LT	1.0
8+185.283	35.050 LT	1.0
8+186.273	35.742 LT	1.0
8+188.194	34.967 LT	1.0
TOTAL =		10

### RAISED REFLECTIVE PAVEMENT MARKER

STATION	OFFSET(m)	STATION	OFFSET(m)	EACH
ILLINOIS				
WESTBOUND				
6+814.721	7.680 LT	7+400.000	7.680 LT	49.0
6+814.721	11.280 LT	7+400.000	11.280 LT	49.0
6+814.721	14.880 LT	7+400.000	14.880 LT	49.0
6+814.721	18.480 LT	7+400.000	18.480 LT	49.0
6+814.721	22.080 LT	7+380.276	22.080 LT	48.0
7+400.000	7.680 LT	7+950.476	7.680 LT	46.0
7+400.000	11.280 LT	7+949.424	11.280 LT	46.0
7+400.000	14.880 LT	7+948.375	14.880 LT	46.0
7+400.000	18.480 LT	7+947.331	18.480 LT	46.0
EASTBOUND				
6+814.721	7.680 RT	7+400.000	7.680 RT	49.0
6+814.721	11.280 RT	7+400.000	11.280 RT	49.0
6+814.721	14.880 RT	7+400.000	14.880 RT	49.0
6+814.721	18.480 RT	7+400.000	18.480 RT	49.0
7+400.000	7.680 RT	7+955.011	7.680 RT	47.0
7+400.000	11.280 RT	7+956.086	11.280 RT	47.0
7+400.000	14.880 RT	7+957.164	14.880 RT	47.0
7+400.000	18.480 RT	7+958.246	18.480 RT	47.0
TOTAL =		812		

### LIGHTING FOUNDATION REMOVAL

STATION	OFFSET(m)	EACH
ILLINOIS		
6+874.826	0.000 RT	1.0
6+941.460	0.000 RT	1.0
7+009.075	0.000 RT	1.0
7+075.716	0.000 RT	1.0
7+142.619	0.000 RT	1.0
7+209.774	0.000 RT	1.0
7+277.155	0.000 RT	1.0
7+343.985	0.000 RT	1.0
7+411.237	0.000 RT	1.0
7+478.120	0.000 RT	1.0
7+545.351	0.000 RT	1.0
7+612.255	0.000 RT	1.0
7+682.077	0.000 RT	1.0
7+747.513	0.000 RT	1.0
7+809.609	0.000 RT	1.0
7+871.981	0.000 RT	1.0
7+936.049	0.000 RT	1.0
TOTAL =		17

### LIGHTING FOUNDATION REMOVAL

STATION	OFFSET(m)	EACH
INDIANA		
8+622.904	25.520 LT	1.0
8+698.400	26.151 LT	1.0
8+776.000	27.075 LT	1.0
8+807.299	27.804 RT	1.0
8+844.133	28.403 LT	1.0
8+876.399	29.024 RT	1.0
8+902.240	29.708 LT	1.0
TOTAL =		7

### TREE REMOVAL, HECTARES

STATION	WIDTH(m)	STATION	WIDTH(m)	HECTARE
INDIANA				
7+947.222	19.100	8+016.252	19.100	0.13
8+016.252	13.200	8+171.750	13.200	0.21
8+171.750	19.100	8+201.430	19.100	0.06
8+223.230	0.000	8+231.430	23.000	0.01
8+231.430	23.000	8+410.000	21.000	0.39
8+580.390	20.100	8+732.410	18.500	0.29
8+757.910	0.000	8+762.440	14.000	0.00
8+762.440	14.000	8+926.966	5.600	0.16
8+775.160	20.400	8+920.650	17.700	0.28
8+920.650	17.700	8+959.000	22.800	0.08
8+959.000	22.800	9+031.830	10.000	0.12
TOTAL =		1.7		

### TOPSOIL FURNISH AND PLACE, 150MM

STATION	WIDTH(m)	STATION	WIDTH(m)	SQ METER
ILLINOIS				
SEE M2500210 SEEDING, CLASS 2A				
				939.6
TOTAL =		940		

### TOPSOIL FURNISH AND PLACE, 150MM

STATION	WIDTH(m)	STATION	WIDTH(m)	SQ METER
INDIANA				
WESTBOUND				
7+950.000	4.000	8+208.602	4.000	1,034.4
8+221.109	4.000	8+403.054	4.000	727.8
8+587.505	4.000	8+742.416	4.000	619.6
8+752.000	4.000	8+954.735	4.000	810.9
8+954.735	16.200	8+968.638	5.500	150.8
8+968.638	5.500	9+101.871	2.200	512.9
9+133.933	1.800	9+158.356	10.000	144.1
9+158.356	10.000	9+248.016	10.000	896.6
9+248.016	17.100	9+266.580	17.100	317.4
9+266.580	17.100	9+272.523	10.000	80.5
9+272.523	10.000	9+282.373	0.000	49.3
EASTBOUND				
8+497.965	10.000	8+567.172	10.000	692.1
8+578.419	10.000	8+619.853	10.000	414.3
8+768.144	4.000	9+030.876	4.000	1,050.9
9+030.876	4.000	9+115.856	4.200	348.4
9+115.856	4.200	9+141.674	1.800	77.5
9+141.674	1.800	9+161.248	5.700	73.4
9+161.248	5.700	9+273.137	5.500	626.6
9+264.800	0.000	9+275.000	1.100	5.6
9+275.000	1.100	9+285.000	3.000	20.5
9+285.000	3.000	9+302.708	10.000	115.1
9+302.708	10.000	9+395.342	10.000	926.3
TOTAL =		9,986		

ADD 3% FOR AVERAGE OF 4:1 SLOPE

### TOPSOIL FURNISH AND PLACE, 300MM

STATION	WIDTH(m)	STATION	WIDTH(m)	SQ METER
ILLINOIS				
SEE M2520110 SODDING SALT TOLERANT				
				4,472.9
TOTAL =		4,473		

### SEEDING, CLASS 2A

STATION	WIDTH(m)	STATION	WIDTH(m)	HECTARE
ILLINOIS				
7+893.827	7.800	7+920.187	15.500	0.03
7+920.187	15.500	7+938.154	20.600	0.03
7+938.154	20.600	7+950.000	0.000	0.01
GATEWAY LANDSCAPING				
SEE PLANTING MIX F&P 900				
				0.02
TOTAL =		0.1		

### SEEDING, CLASS 2A

STATION	WIDTH(m)	STATION	WIDTH(m)	HECTARE
INDIANA				
WESTBOUND				
7+938.154	0.000	7+945.113	24.600	0.01
7+945.113	24.600	7+960.251	29.800	0.04
7+960.251	29.800	7+986.893	27.900	0.08
7+986.893	19.500	8+198.374	19.500	0.41
8+198.374	19.500	8+203.574	13.200	0.01
8+203.574	13.200	8+208.603	0.000	0.00
8+215.491	0.000	8+221.108	19.500	0.01
8+221.108	19.500	8+403.053	19.500	0.35
8+587.503	25.400	8+697.292	19.200	0.24
8+697.292	19.200	8+734.738	30.400	0.09
8+734.738	30.400	8+742.415	0.000	0.01
8+742.415	0.000	8+752.640	11.500	0.00
8+752.640	11.500	8+755.180	12.250	0.00
8+755.180	0.000	8+755.180	8.200	0.00
8+755.180	20.500	8+767.290	19.700	0.02
8+767.290	19.700	8+791.319	25.700	0.05
8+791.319	25.700	8+793.937	15.800	0.01
8+793.937	15.800	8+816.031	18.200	0.04
8+816.031	18.200	8+838.368	22.900	0.05
8+838.368	22.900	8+840.332	14.400	0.00
8+840.332	14.400	8+854.241	12.100	0.02
8+854.241	12.100	8+859.555	14.100	0.01
8+859.555	14.100	8+941.605	27.800	0.17
8+941.605	27.800	8+944.123	15.050	0.01
8+944.123	15.050	8+952.503	16.200	0.01
8+952.503	16.200	8+968.638	5.500	0.02
8+968.638	5.500	9+101.696	2.200	0.05
9+133.933	1.800	9+158.355	10.000	0.01
9+158.355	10.000	9+248.016	10.000	0.09
9+248.016	17.100	9+266.579	17.100	0.03
9+266.579	17.100	9+282.372	0.000	0.01
EASTBOUND				
8+192.166	15.800	8+232.622	15.800	0.06
8+251.154	18.200	8+274.124	18.200	0.04
8+497.965	10.000	8+567.172	10.000	0.07
8+578.419	10.000	8+619.853	10.000	0.04
8+734.578	18.200	8+760.675	18.200	0.05
8+771.840	18.000	9+030.876	18.300	0.47
9+030.876	18.300	9+115.856	4.200	0.10
9+115.856	4.200	9+141.673	1.800	0.01
9+141.673	1.800	9+161.248	5.700	0.01
9+161.248	5.700	9+273.137	5.500	0.06
9+273.137	0.000	9+302.708	9.000	0.01
9+302.708	9.000	9+339.114	9.000	0.03
9+339.114	10.000	9+395.342	10.000	0.06
TOTAL =		3.0		

INCREASE BY 3% FOR AVERAGE OF 4:1 SLOPE

### SODDING, SALT TOLERANT

STATION	WIDTH(m)	STATION	WIDTH(m)	SQ METER
ILLINOIS				
7+465.180	9.000	7+544.316	9.000	712.2
7+621.419	5.800	7+750.000	5.900	752.2
7+750.000	5.900	7+820.000	5.800	409.5
7+893.827	4.000	7+942.000	4.500	204.7
STATE LINE SITE PLAN				
7+860.000 LT		7+935.000 LT		1,551.2
STATE LINE DRAINAGE OUTFALL				
7+957.400 LT		7+977.200 LT		712.8
TOTAL =		4,473		

ADD 3% FOR AVERAGE OF 4:1 SLOPE

### SUB-BASE GRANULAR MATERIAL, TYPE B 300MM

STATION	WIDTH(m)	STATION	WIDTH(m)	SQ METER
ILLINOIS				
SEE M4830360 PCC SHOULDERS 360				

# SCHEDULE OF QUANTITIES

ALL DIMENSIONS IN METERS EXCEPT PAY  
ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE. 80/94	SECTION 2626.2-R-2	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

### PAVEMENT REINFORCEMENT 360MM

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
ILLINOIS					
SEE M4210360 CON REINF PCC PVT 360					41,475.0
TOTAL =					41,475

### BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
ILLINOIS					
7+328.070	3.300	-	7+475.000	3.300	484.9
TOTAL =					485

### PAVEMENT REMOVAL

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
ILLINOIS					
WESTBOUND					
6+814.721	3.300	-	7+090.000	3.300	908.4
7+090.000	14.100	-	7+125.000	14.100	493.5
7+125.000	26.900	-	7+228.678	26.800	2,783.8
7+228.678	26.800	-	7+300.652	28.700	1,997.3
7+300.652	28.700	-	7+330.701	31.000	897.0
7+330.701	31.000	-	7+379.000	30.400	1,482.8
7+379.000	26.200	-	7+598.844	23.400	5,452.1
7+598.844	24.900	-	7+750.000	22.900	3,612.6
7+750.000	22.900	-	7+950.000	19.600	4,250.0
EASTBOUND					
7+125.000	11.100	-	7+600.000	11.200	5,296.2
7+600.000	14.200	-	7+750.000	15.400	2,220.0
7+750.000	15.400	-	7+950.000	15.100	3,050.0
CONTRACT 62350 ACCIDENT INVESTIGATION SITE					
7+386.255	4.000	-	7+443.189	4.000	227.7
7+443.189	5.750	-	7+550.000	5.750	614.2
EXISTING PUMP STATION					
RIVER DRIVE (50% OF QTY)					
7+967.028	7.750	-	7+971.887	7.750	18.9
SEE MX030505 TEMP PAVT INTERSTATE					3,203.6
TOTAL =					36,900

### PAVEMENT REMOVAL

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
INDIANA					
WESTBOUND					
7+950.000	19.600	-	7+990.100	19.600	786.0
7+990.100	14.900	-	8+190.770	14.900	2,990.0
8+255.980	15.000	-	8+405.200	16.800	2,372.6
8+595.030	23.100	-	8+726.650	24.000	3,099.7
8+777.730	21.400	-	8+888.820	23.100	2,471.8
8+888.820	15.000	-	9+250.000	15.000	5,417.7
9+250.000	11.000	-	9+395.341	11.000	1,598.8
RAMP A					
20+658.870	7.200	-	20+448.400	11.000	1,915.3
CD NORTH					
0+016.120	6.000	-	0+019.800	4.800	19.9
0+019.800	4.800	-	0+065.000	4.900	219.2
0+065.000	4.900	-	0+193.470	4.900	629.5
EASTBOUND					
7+950.000	15.100	-	8+197.410	15.000	3,723.5
8+262.520	15.000	-	8+419.680	18.500	2,632.4
8+603.000	12.500	-	8+617.932	12.500	186.7
8+617.932	18.700	-	8+732.270	18.700	2,138.1
8+781.900	21.000	-	8+936.700	23.400	3,436.6
8+936.700	15.000	-	9+250.000	15.000	4,699.5
9+250.000	11.000	-	9+375.000	11.000	1,375.0
9+382.167	0.900	-	9+650.000	0.900	241.0

### RAMP I

29+985.750	7.500	-	30+210.900	10.300	2,003.8
30+210.900	4.900	-	30+329.240	4.900	579.9
CD SOUTH					
30+210.900	4.900	-	30+255.000	4.900	216.1
0+000.000	4.900	-	0+138.163	4.900	677.0
RIVER DRIVE (50% OF QTY)					
7+967.028	7.750	-	7+971.887	7.750	18.9
SEE MX030504 TEMP PAVT INTERSTATE					3,059.5
TOTAL =					46,508

### DRIVEWAY PAVEMENT REMOVAL

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
ILLINOIS					
PUMP STATION					
					36.7
TOTAL =					37

### COMBINATION CURB AND GUTTER REMOVAL

STATION	OFFSET(m)	-	STATION	OFFSET(m)	METERS
ILLINOIS					
7+589.300	25.43 LT	-	7+598.844	25.46 LT	9.50
TOTAL =					9.5

### COMBINATION CURB AND GUTTER REMOVAL

STATION	OFFSET(m)	-	STATION	OFFSET(m)	METERS
INDIANA					
I-80/94/US 6					
8+042.920	18.00 LT	-	8+193.710	18.00 LT	150.80
8+246.160	18.00 LT	-	8+407.900	20.50 LT	161.80
8+585.580	22.00 LT	-	8+725.340	24.00 LT	139.80
8+769.240	24.70 LT	-	8+927.060	28.00 LT	157.90
8+781.900	23.50 RT	-	8+863.260	26.15 RT	81.40
HOHMAN ST					
79+982.631	6.30 LT	-	80+031.094	5.87 LT	48.50
79+967.354	6.27 RT	-	80+034.596	5.88 RT	67.20
HARRISON ST					
89+977.092	3.06 LT	-	90+050.000	3.28 LT	72.90
89+951.689	4.35 RT	-	90+038.566	4.18 RT	86.90
TOTAL =					967.2

### SIDEWALK REMOVAL

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
ILLINOIS					
PUMP STATION REMOVAL					
					18.3
TOTAL =					18

### SIDEWALK REMOVAL

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
INDIANA					
HOHMAN AVE					
79+953.640	2.000	-	79+964.700	1.800	21.0
79+955.400	1.500	-	79+962.500	1.500	10.7
79+971.800	1.550	-	80+031.150	1.550	92.0
79+957.190	1.520	-	80+029.500	1.520	109.9
TOTAL =					234

### APPROACH SLAB REMOVAL

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
INDIANA					
HOHMAN AVE BRIDGE					
8+190.767	17.700	-	8+197.406	17.700	117.5
8+197.406	36.200	-	8+210.100	0.000	229.8
8+243.141	0.000	-	8+256.000	36.200	232.7
8+256.000	17.700	-	8+262.516	17.700	115.3
LITTLE CALUMET RIVER BRIDGE					
8+405.197	20.500	-	8+411.450	20.800	129.1
8+411.450	20.800	-	8+425.972	0.000	151.0
8+419.683	12.500	-	8+425.972	12.500	78.6
8+425.972	12.500	-	8+434.381	0.000	52.6
8+580.636	0.000	-	8+593.246	34.700	218.8
8+593.246	34.700	-	8+595.030	34.700	61.9
8+595.030	12.100	-	8+603.028	12.100	96.8
HARRISON AVE BRIDGE					
8+726.645	23.300	-	8+731.235	23.300	106.9
8+732.059	46.600	-	8+738.331	21.800	214.5
8+738.331	21.800	-	8+744.537	0.000	67.6
8+764.168	0.000	-	8+777.350	48.300	318.3
8+777.350	25.400	-	8+782.445	25.400	129.4
TOTAL =					2,321

### CONCRETE BARRIER REMOVAL

STATION	OFFSET(m)	-	STATION	OFFSET(m)	METERS
ILLINOIS					
6+814.721	0.00 RT	-	7+547.500	0.00 RT	732.8
TOTAL =					733

### CONCRETE BARRIER REMOVAL

STATION	OFFSET(m)	-	STATION	OFFSET(m)	METERS
INDIANA					
9+250.000	0.00 RT	-	9+356.500	0.00 RT	106.5
9+382.167	0.00 RT	-	9+650.000	0.00 RT	267.8
9+105.100	22.20 LT	-	9+394.500	22.20 LT	289.4
9+192.859	21.20 RT	-	9+200.800	21.20 RT	7.9
TOTAL =					672

### PAVED SHOULDER REMOVAL

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
ILLINOIS					
INSIDE SHOULDER					
WESTBOUND					
6+814.721	2.200	-	7+125.000	2.200	682.6
7+125.000	2.200	-	7+400.000	2.300	618.8
7+400.000	2.300	-	7+600.000	2.300	460.0
EASTBOUND					
6+814.721	2.200	-	7+125.000	2.200	682.6
7+125.000	2.200	-	7+400.000	2.200	605.0
7+400.000	2.200	-	7+600.000	2.200	440.0
OUTSIDE SHOULDER					
EASTBOUND					
7+125.000	3.500	-	7+400.000	3.500	962.5
7+400.000	3.500	-	7+750.000	3.700	1,260.0
7+750.000	3.600	-	7+950.000	3.400	700.0
TOTAL =					6,412

### PAVED SHOULDER REMOVAL

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
INDIANA					
INSIDE SHOULDER					
9+250.000	3.600	-	9+395.341	3.600	523.2
9+250.000	3.600	-	9+375.000	3.600	450.0
OUTSIDE SHOULDER					
WESTBOUND					
7+990.100	4.500	-	8+042.920	4.700	243.0
8+042.920	2.800	-	8+190.770	3.100	436.2
8+255.980	3.100	-	8+405.200	3.400	485.0
8+777.730	3.900	-	8+927.060	3.900	582.4
9+105.114	6.800	-	9+395.341	6.700	1,959.0
CD NORTH					
0+019.600	1.250	-	0+044.230	5.400	81.9
0+044.230	3.000	-	0+193.470	3.500	485.0
9+105.114					

# SCHEDULE OF QUANTITIES

ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

### PORTLAND CEMENT CONCRETE SHOULDERS - 360MM

STATION	WIDTH(m)	STATION	WIDTH(m)	SQ METER
<b>ILLINOIS</b>				
<b>WESTBOUND OUTSIDE SHOULDER</b>				
7+090.000	3.000	7+228.678	3.000	416.0
7+228.678	3.000	7+300.652	4.900	284.3
7+300.652	4.900	7+330.701	7.300	183.3
7+330.701	7.300	7+342.041	7.517	84.0
7+342.041	3.216	7+361.215	3.600	65.3
7+361.215	3.600	7+950.000	3.600	2,119.6
<b>WESTBOUND EMERGENCY ACCESS</b>				
7+342.041	3.800	7+361.242	3.800	73.0
7+361.242	3.800	7+379.000	4.155	70.6
<b>EASTBOUND OUTSIDE SHOULDER</b>				
6+814.721	3.600	7+400.281	3.600	2,108.0
7+400.281	8.080	7+499.547	3.600	579.7
7+499.547	3.600	7+950.000	3.600	1,621.6
<b>EASTBOUND EMERGENCY ACCESS</b>				
7+386.161	4.000	7+400.281	4.000	56.5
<b>WESTBOUND INSIDE SHOULDER</b>				
6+814.721	3.600	7+950.000	3.600	4,087.0
<b>EASTBOUND INSIDE SHOULDER</b>				
6+814.721	3.600	7+950.000	3.600	4,087.0
<b>TOTAL =</b>				<b>15,836</b>

### CONCRETE REMOVAL

STATION	CUT/FILL(m <sup>2</sup> )	STATION	CUT/FILL(m <sup>2</sup> )	CU Meter
<b>INDIANA</b>				
<b>REINFORCED SHOULDERS WITH CONCRETE BARRIER</b>				
SHOULDER: 3.0 M WIDE X 0.30 M THICK				
CONCRETE BARRIER: 0.384 SQ M				
20+620.659	1.284	20+448.434	1.284	221.10
30+103.442	1.284	30+222.172	1.284	152.40
<b>REINFORCED SHOULDERS WITH CONCRETE BARRIER</b>				
SHOULDER: 1.7 M WIDE X 0.30 M THICK				
CONCRETE BARRIER: 0.384 SQ M				
30+297.546	0.894	30+329.127	0.894	28.20
<b>SPECIAL BARRIER WALL</b>				
CONCRETE BARRIER: 0.659 SQ M				
30+222.172	0.659	30+264.639	0.659	28.00
<b>TOTAL =</b>				<b>429.7</b>

### STORM SEWER REMOVAL 200MM

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>ILLINOIS</b>				
6+903.867	13.48 LT	6+908.870	13.48 LT	5.00
6+949.240	13.48 LT	6+954.247	13.48 LT	5.00
6+993.441	13.48 LT	6+998.227	13.48 LT	4.80
7+029.145	13.56 LT	7+034.063	13.56 LT	4.90
7+074.120	13.54 LT	7+078.677	13.54 LT	4.60
7+026.310	27.64 RT	7+041.820	21.01 RT	16.90
7+128.578	13.64 LT	7+132.943	13.64 LT	4.40
7+169.156	13.83 LT	7+173.317	13.83 LT	4.20
7+218.860	13.89 LT	7+222.770	13.89 LT	3.90
7+254.984	13.78 LT	7+265.186	13.78 LT	10.20
<b>TOTAL =</b>				<b>63.9</b>

### STORM SEWER REMOVAL 300MM

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>ILLINOIS</b>				
6+846.411	0.27 LT	6+890.349	0.95 RT	44.00
6+891.601	0.50 LT	6+905.230	14.88 LT	19.80
6+938.301	0.76 LT	6+950.440	14.88 LT	18.60
6+984.164	0.64 LT	6+994.560	14.88 LT	17.60
7+028.883	0.55 LT	7+029.170	14.88 LT	14.30
7+073.992	1.11 RT	7+074.190	14.88 LT	16.00
7+121.190	0.86 LT	7+129.350	14.88 LT	16.20
7+150.001	28.61 LT	7+150.000	18.00 LT	10.60
7+165.913	0.64 LT	7+173.970	14.88 LT	16.40
7+200.000	28.38 LT	7+250.000	29.24 LT	50.00
7+250.000	29.24 LT	7+300.000	30.57 LT	50.00
7+257.318	0.67 LT	7+267.767	17.77 LT	20.00
7+300.000	30.57 LT	7+303.897	17.69 LT	13.40
7+300.000	30.57 LT	7+350.000	32.98 LT	50.10
7+303.215	0.66 LT	7+314.008	17.67 LT	20.20
7+348.814	0.78 LT	7+361.516	17.58 LT	21.10
7+393.926	0.85 LT	7+406.428	17.67 LT	21.00
7+400.000	27.60 LT	7+450.000	26.60 LT	50.00
7+439.730	0.77 LT	7+450.433	18.69 LT	20.90
7+430.025	23.46 RT	7+470.749	1.60 RT	46.20
7+450.000	26.60 LT	7+464.481	26.18 LT	14.50
7+464.481	26.18 LT	7+464.393	19.23 LT	7.00
7+470.680	0.56 LT	7+482.632	20.09 LT	22.90
7+516.090	0.31 LT	7+528.387	23.04 LT	25.90
7+528.343	23.00 LT	7+536.500	30.50 LT	11.10
7+540.000	23.08 RT	7+557.136	21.40 RT	17.20
7+558.662	21.17 RT	7+561.890	1.40 RT	20.00
7+613.502	1.70 RT	7+623.284	1.78 RT	9.80
7+623.284	1.78 RT	7+635.000	1.83 RT	11.70
7+624.916	0.79 LT	7+632.466	21.17 LT	21.70
7+624.864	21.41 LT	7+625.000	25.70 LT	4.30
7+659.828	2.00 RT	7+669.844	2.00 RT	10.00
7+669.844	2.00 RT	7+679.861	2.00 RT	10.00
7+672.513	1.63 LT	7+682.961	20.41 LT	21.50
7+703.498	2.43 RT	7+713.521	2.61 RT	10.00
7+713.521	2.61 RT	7+723.542	2.74 RT	10.00
7+717.936	1.91 LT	7+733.210	21.40 LT	24.80
7+750.438	3.21 RT	7+760.463	3.46 RT	10.00
7+760.463	3.46 RT	7+770.488	3.70 RT	10.00
7+763.808	1.65 LT	7+775.780	24.01 RT	25.40
7+795.001	4.07 RT	7+806.052	4.22 RT	11.10
7+806.052	4.22 RT	7+816.083	4.35 RT	10.00
7+808.312	1.22 LT	7+815.369	21.73 LT	21.70
7+843.799	4.66 RT	7+854.120	4.58 RT	10.30
7+848.759	22.81 RT	7+861.559	21.33 LT	46.00
7+854.120	4.58 RT	7+863.871	4.56 RT	9.80
7+890.200	4.25 RT	7+899.400	4.08 RT	9.20
7+899.400	4.08 RT	7+909.476	3.83 RT	10.10
7+900.257	0.26 RT	7+952.831	0.74 LT	52.60
7+924.426	9.05 LT	7+939.791	25.19 LT	22.30
7+928.438	3.34 RT	7+938.505	3.15 RT	10.10
7+938.511	0.81 LT	7+939.542	25.53 LT	24.70
<b>TEMPORARY DRAINAGE ***** 6.25</b>				
<b>TOTAL =</b>				<b>1,078.4</b>

### STORM SEWER REMOVAL 300MM

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>INDIANA</b>				
7+966.037	53.04 LT	7+982.625	23.73 RT	78.50
7+981.809	7.62 LT	7+988.248	17.70 RT	26.10
8+023.561	3.77 RT	8+033.856	3.83 RT	10.30
8+110.000	3.79 RT	8+117.088	3.79 RT	7.10
8+117.088	3.79 RT	8+127.092	3.84 RT	10.00
8+253.953	21.68 LT	8+260.093	0.50 LT	22.10
8+260.000	0.50 LT	8+267.000	22.02 RT	23.60
8+259.152	3.74 LT	8+269.150	3.75 LT	10.00
8+326.215	3.64 LT	8+336.214	3.64 LT	10.00
8+336.214	3.64 LT	8+346.215	3.64 LT	10.00
8+400.873	3.76 LT	8+410.878	3.75 LT	10.00
8+404.458	22.83 LT	8+412.014	0.79 LT	23.30
8+412.330	0.50 RT	8+417.504	15.65 RT	16.00
8+661.182	1.00 RT	8+671.057	0.96 RT	9.90
8+671.057	0.96 RT	8+681.171	1.03 RT	10.10
8+728.790	20.64 LT	8+733.937	0.71 LT	20.60
8+733.937	0.71 LT	8+740.610	25.96 RT	27.50
8+828.585	3.04 RT	8+838.560	3.08 RT	10.00
8+838.560	3.08 RT	8+848.555	3.00 RT	10.00
8+838.473	15.21 LT	8+838.633	0.87 LT	14.30
8+838.523	0.85 RT	8+839.015	32.87 RT	32.00
8+912.301	18.71 LT	8+915.114	0.89 LT	18.00
8+915.135	0.83 RT	8+920.973	32.59 RT	32.30
8+915.333	2.94 RT	8+925.319	3.08 RT	10.00
8+965.725	1.44 LT	9+021.094	0.85 LT	55.40
8+976.360	29.69 LT	9+021.781	29.82 LT	45.40
9+010.789	2.93 RT	9+020.768	3.42 RT	10.00
9+020.768	3.42 RT	9+030.758	2.94 RT	10.00
9+021.021	0.83 RT	9+083.629	0.69 RT	62.60
9+021.781	29.82 LT	9+022.272	17.63 LT	12.20
9+073.262	2.85 RT	9+083.247	2.88 RT	10.00
9+083.247	2.88 RT	9+093.232	2.86 RT	10.00
9+081.581	17.34 RT	9+081.496	31.11 RT	13.80
9+083.540	0.65 RT	9+159.092	0.65 RT	75.60
9+140.082	34.15 RT	9+183.692	35.66 RT	43.60
9+146.182	22.33 LT	9+144.504	32.87 LT	10.70
9+148.923	2.78 RT	9+158.908	2.79 RT	10.00
9+158.908	2.79 RT	9+168.893	2.78 RT	10.00
9+158.982	1.11 LT	9+184.512	1.12 LT	25.50
9+158.982	1.11 LT	9+180.112	36.79 LT	41.50
9+180.776	21.06 RT	9+183.692	35.66 RT	14.90
9+183.692	35.66 RT	9+282.325	34.22 RT	98.60
9+191.842	22.27 LT	9+237.484	22.57 LT	45.60
9+231.549	40.94 LT	9+237.492	22.24 LT	19.60
9+237.492	22.24 LT	9+283.106	22.18 LT	45.60
9+252.125	42.12 LT	9+252.124	46.02 LT	3.90
9+282.325	34.22 RT	9+283.590	22.49 RT	11.80
9+283.590	22.49 RT	9+316.167	22.57 RT	32.60
9+319.307	22.24 LT	9+342.217	21.98 LT	22.90
9+333.572	31.50 RT	9+333.476	39.73 RT	8.20
9+356.568	22.92 RT	9+369.067	22.89 RT	12.50
<b>TEMPORARY DRAINAGE ***** 67.60</b>				
<b>TOTAL =</b>				<b>1,281.8</b>

### STORM SEWER REMOVAL 375MM

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>ILLINOIS</b>				
6+863.961	7.69 LT	6+863.878	14.71 LT	7.00
7+026.313	27.64 RT	7+030.858	15.62 RT	12.90
7+348.153	25.48 LT	7+354.550	17.59 LT	10.20
7+349.710	23.97 RT	7+361.342	17.58 LT	43.10
7+558.000	22.78 LT	7+561.865	0.66 LT	22.40
7+594.214	22.65 LT	7+597.823	1.01 LT	21.90
7+597.875	1.39 RT	7+601.916	19.95 RT	19.00
<b>TOTAL =</b>				<b>136.5</b>

### STORM SEWER REMOVAL 375MM

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>INDIANA</b>				
8+335.309	19.08 RT	8+336.120	0.88 RT	18.20
8+336.003</				

# SCHEDULE OF QUANTITIES

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE. 80/94	SECTION 2626.2-R-2	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

### STORM SEWER REMOVAL 1350MM

STATION	OFFSET(m)		STATION	OFFSET(m)	METERS
ILLINOIS					
7+934.609	43.45 LT	-	7+966.037	53.04 LT	32.9
7+966.037	53.04 LT	-	7+965.651	56.01 LT	3.0
7+960.342	97.88 LT	-	7+957.903	117.71 LT	20.0
TOTAL =					56

### COMBINATION CONCRETE CURB AND GUTTER, TYPE B-22.45

STATION	OFFSET(m)		STATION	OFFSET(m)	METERS
ILLINOIS					
GATEWAY LANDSCAPING					
7+588.880	27.38 LT	-	7+597.130	27.38 LT	8.3
7+597.130	27.38 LT	-	7+598.970	30.34 LT	3.4
7+598.970	30.34 LT	-	7+599.070	31.52 LT	1.2
TOTAL =					13

### CONCRETE MEDIAN SURFACE, 100MM (SPECIAL)

STATION	WIDTH(m)		STATION	WIDTH(m)	SQ METER
ILLINOIS					
GATEWAY LANDSCAPING					
7+588.880	1.200	-	7+648.820	1.200	71.9
7+648.820	2.000	-	7+701.840	0.000	53.0
TOTAL =					125

### GUARDRAIL REMOVAL

STATION	OFFSET(m)		STATION	OFFSET(m)	METERS
ILLINOIS					
6+814.721	17.94 RT	-	7+066.780	17.86 RT	252.1
7+589.060	25.68 LT	-	7+676.880	24.92 LT	87.8
TOTAL =					340

### GUARDRAIL REMOVAL

STATION	OFFSET(m)		STATION	OFFSET(m)	METERS
INDIANA					
8+042.920	18.00 LT	-	8+193.710	18.00 LT	150.80
8+246.160	18.00 LT	-	8+407.900	20.50 LT	161.80
8+585.580	22.00 LT	-	8+725.340	24.00 LT	139.80
8+769.240	24.70 LT	-	8+927.060	28.00 LT	157.90
8+781.900	23.50 RT	-	8+863.260	26.15 RT	81.40
HOHMAN AVE					
79+983.450	8.57 LT	-	80+022.921	8.71 LT	39.50
79+970.480	8.14 RT	-	80+034.480	8.30 RT	64.00
HARRISON AVE					
89+977.350	4.01 LT	-	89+983.365	4.11 LT	6.00
90+020.935	4.12 LT	-	90+052.310	4.93 LT	31.40
89+937.900	7.39 RT	-	89+980.480	5.33 RT	42.60
90+018.240	5.38 RT	-	90+030.968	5.35 RT	12.70
TOTAL =					887.9

### CONCRETE BARRIER, SINGLE FACE, 1065 MM HEIGHT

STATION	OFFSET(m)		STATION	OFFSET(m)	METERS
ILLINOIS					
7+541.215	25.68 LT	-	7+589.056	25.68 LT	47.80
7+543.379	25.68 RT	-	7+621.420	25.68 RT	78.00
TOTAL =					125.8

### CONCRETE BARRIER, DOUBLE FACE, 1065 MM HEIGHT

STATION	OFFSET(m)		STATION	OFFSET(m)	METERS
ILLINOIS					
6+850.000	0.00 RT	-	6+947.238	0.00 RT	97.20
6+955.718	0.00 RT	-	7+235.300	0.00 RT	279.60
7+243.780	0.00 RT	-	7+308.450	0.00 RT	64.70
7+316.930	0.00 RT	-	7+569.530	0.00 RT	252.60
7+594.090	0.00 RT	-	7+941.220	0.00 RT	347.10
7+342.041	29.28 LT	-	7+354.041	29.28 LT	12.00
TOTAL =					1,053.2

### CONCRETE BARRIER TRANSITION

STATION	OFFSET(m)		STATION	OFFSET(m)	METERS
ILLINOIS					
6+947.238	0.00 RT	-	6+949.838	0.00 RT	2.60
6+953.118	0.00 RT	-	6+955.718	0.00 RT	2.60
7+235.300	0.00 RT	-	7+237.900	0.00 RT	2.60
7+241.180	0.00 RT	-	7+243.780	0.00 RT	2.60
7+308.450	0.00 RT	-	7+311.050	0.00 RT	2.60
7+314.330	0.00 RT	-	7+316.930	0.00 RT	2.60
7+564.840	0.00 RT	-	7+569.530	0.00 RT	4.70
7+589.490	0.00 RT	-	7+594.090	0.00 RT	4.60
7+941.220	0.00 RT	-	7+945.320	0.00 RT	4.10
7+948.980	0.00 RT	-	7+955.130	0.00 RT	6.20
TOTAL =					35.2

### BARRIER BASE

STATION	OFFSET(m)		STATION	OFFSET(m)	METERS
ILLINOIS					
SEE MX637150 CONC BAR 1F 1065 HT SPL					
					112.80
SEE M6370175 CONC BAR 1F 1065HT					
					125.80
SEE M6370275 CONC BAR 2F 1065HT					
					1,053.20
SEE M6370805 CONC BAR TRANS					
					35.20
TOTAL =					1,327.0

### POLYUREA PAVEMENT MARKING TYPE I - LINE 100MM

STATION	OFFSET(m)		STATION	OFFSET(m)	METERS
ILLINOIS					
WESTBOUND YELLOW					
6+814.721	4.08 LT	-	7+050.000	4.08 LT	235.30
7+050.000	4.08 LT	-	7+380.276	4.08 LT	330.30
7+380.276	4.08 LT	-	7+750.000	4.08 LT	369.70
7+750.000	4.08 LT	-	7+951.532	4.08 LT	201.50
WESTBOUND WHITE					
6+814.721	26.13 LT	-	6+852.438	26.13 LT	37.70
6+852.438	26.13 LT	-	7+050.000	25.68 LT	197.60
7+050.000	25.68 LT	-	7+361.215	25.68 LT	311.20
7+361.215	25.68 LT	-	7+421.215	24.48 LT	60.00
7+421.215	24.48 LT	-	7+481.215	23.28 LT	60.00
7+481.215	23.28 LT	-	7+541.215	22.08 LT	60.00
7+541.215	22.08 LT	-	7+750.000	22.08 LT	208.80
7+750.000	22.08 LT	-	7+946.292	22.08 LT	196.30
EASTBOUND YELLOW					
6+814.721	4.08 RT	-	7+050.000	4.08 RT	235.30
7+050.000	4.08 RT	-	7+380.276	4.08 RT	330.30
7+380.276	4.08 RT	-	7+400.000	4.08 RT	19.70
7+400.000	4.08 RT	-	7+750.000	4.08 RT	350.00
7+750.000	4.08 RT	-	7+953.942	4.08 RT	203.90
EASTBOUND WHITE					
6+814.721	24.10 RT	-	6+955.111	22.08 RT	140.40
6+955.111	22.08 RT	-	7+050.000	22.08 RT	94.90
7+050.000	22.08 RT	-	7+380.276	22.08 RT	330.30
7+380.276	22.08 RT	-	7+400.000	22.08 RT	19.70
7+400.000	22.08 RT	-	7+750.000	22.08 RT	350.00
7+750.000	22.08 RT	-	7+959.333	22.08 RT	209.30
TOTAL =					4,552.2

### POLYUREA PAVEMENT MARKING TYPE I - LINE 125MM

STATION	OFFSET(m)		STATION	OFFSET(m)	METERS
ILLINOIS					
EASTBOUND - 9M SKIP - 3M DASH					
6+814.721	7.68 RT	-	7+050.000	7.68 RT	58.8
6+814.721	11.28 RT	-	7+050.000	11.28 RT	58.8
6+814.721	14.88 RT	-	7+050.000	14.88 RT	58.8
6+814.721	18.48 RT	-	7+050.000	18.48 RT	58.8
7+050.000	7.68 RT	-	7+380.276	7.68 RT	82.6
7+050.000	11.28 RT	-	7+380.276	11.28 RT	82.6
7+050.000	14.88 RT	-	7+380.276	14.88 RT	82.6
7+050.000	18.48 RT	-	7+380.276	18.48 RT	82.6
7+380.276	7.68 RT	-	7+750.000	7.68 RT	92.4
7+380.276	11.28 RT	-	7+750.000	11.28 RT	92.4
7+380.276	14.88 RT	-	7+750.000	14.88 RT	92.4
7+380.276	18.48 RT	-	7+750.000	18.48 RT	92.4
7+750.000	7.68 RT	-	7+951.532	7.68 RT	50.4
7+750.000	11.28 RT	-	7+951.532	11.28 RT	50.4
7+750.000	14.88 RT	-	7+951.532	14.88 RT	50.4
7+750.000	18.48 RT	-	7+951.532	18.48 RT	50.4
WESTBOUND - 9M SKIP - 3M DASH					
6+814.721	7.68 LT	-	6+852.395	7.68 LT	9.4
6+814.721	11.28 LT	-	6+852.395	11.28 LT	9.4
6+814.721	14.88 LT	-	6+852.395	14.88 LT	9.4
6+814.721	18.48 LT	-	6+852.395	18.48 LT	9.4
6+814.721	22.54 LT	-	6+852.395	22.08 LT	9.4
6+852.395	7.68 LT	-	7+050.000	7.68 LT	49.4
6+852.395	11.28 LT	-	7+050.000	11.28 LT	49.4
6+852.395	14.88 LT	-	7+050.000	14.88 LT	49.4
6+852.395	18.48 LT	-	7+050.000	18.48 LT	49.4
6+852.395	22.08 LT	-	7+050.000	22.08 LT	49.4
7+050.000	7.68 LT	-	7+380.276	7.68 LT	82.6
7+050.000	11.28 LT	-	7+380.276	11.28 LT	82.6
7+050.000	14.88 LT	-	7+380.276	14.88 LT	82.6
7+050.000	18.48 LT	-	7+380.276	18.48 LT	82.6
7+050.000	22.08 LT	-	7+380.276	22.08 LT	82.6
7+380.276	7.68 LT	-	7+750.000	7.68 LT	92.4
7+380.276	11.28 LT	-	7+750.000	11.28 LT	92.4
7+380.276	14.88 LT	-	7+750.000	14.88 LT	92.4
7+380.276	18.48 LT	-	7+750.000	18.48 LT	92.4
7+750.000	7.68 LT	-	7+951.532	7.68 LT	50.4
7+750.000	11.28 LT	-	7+951.532	11.28 LT	50.4
7+750.000	14.88 LT	-	7+951.532	14.88 LT	50.4
7+750.000	18.48 LT	-	7+951.532	18.48 LT	50.4
TOTAL =					2,415

### POLYUREA PAVEMENT MARKING TYPE I - LINE 300MM

STATION	OFFSET(m)		STATION	OFFSET(m)	METERS
ILLINOIS					
EASTBOUND YELLOW					
6+814.721	0.48 RT	-	6+818.321	4.08 RT	5.10
6+964.721	0.48 RT	-	6+968.321	4.08 RT	5.10
7+114.721	0.48 RT	-	7+118.321	4.08 RT	5.10
7+264.721	0.48 RT	-	7+268.321	4.08 RT	5.10
7+413.792	0.48 RT	-	7+417.531	4.08 RT	5.20
7+562.599	0.48 RT	-	7+566.163	4.08 RT	5.10
7+711.044	0.48 RT	-	7+714.655	4.08 RT	5.10
7+859.489	0.48 RT	-	7+863.100	4.08 RT	5.10
EASTBOUND WHITE					
6+814.721	27.70 RT	-	6+818.374	24.05 RT	5.20
6+964.721	25.68 RT	-	6+968.321	22.08 RT	5.10
7+114.721	25.68 RT	-	7+118.321	22.08 RT	5.10
7+264.721	25.68 RT	-	7+268.321	22.08 RT	5.10
7+413.792	30.01 RT	-	7+421.525	22.08 RT	11.50
7+562.599					

# SCHEDULE OF QUANTITIES

ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

**CONCRETE BARRIER, SINGLE FACE, 1065 MM HEIGHT, SPECIAL**

STATION	OFFSET(m)	-	STATION	OFFSET(m)	METERS
ILLINOIS					
7+589.056	26.18 LT	-	7+701.836	26.18 LT	112.8
					TOTAL = 113

**REMOVE TEMPORARY CONCRETE BARRIER**

STATION	OFFSET(m)	-	STATION	OFFSET(m)	METERS
ILLINOIS					
6+814.718	18.73 LT	-	6+879.807	15.48 LT	65.2
6+879.807	15.48 LT	-	7+300.300	15.48 LT	420.5
7+300.300	15.48 LT	-	7+340.000	14.16 LT	39.7
7+340.000	14.16 LT	-	7+370.000	11.66 LT	30.1
7+462.036	26.96 LT	-	7+543.200	26.52 LT	81.2
7+547.557	0.60 LT	-	7+570.389	0.87 RT	22.9
7+590.883	9.26 LT	-	7+950.000	4.11 LT	359.2
7+592.359	16.97 RT	-	7+798.436	19.76 RT	206.1
7+798.436	19.76 RT	-	7+858.375	20.18 RT	59.9
7+858.375	20.18 RT	-	7+921.613	19.08 RT	63.2
7+921.613	19.08 RT	-	7+950.000	18.50 RT	28.4
7+893.754	20.70 LT	-	7+950.000	19.60 LT	56.3
					TOTAL = 1,433

**REMOVE TEMPORARY CONCRETE BARRIER**

STATION	OFFSET(m)	-	STATION	OFFSET(m)	METERS
INDIANA					
7+950.000	4.11 LT	-	8+028.938	2.92 LT	78.9
8+028.938	2.92 LT	-	8+058.137	2.70 LT	29.2
8+058.137	2.70 LT	-	8+380.451	2.70 LT	322.3
8+380.451	2.70 LT	-	8+411.950	4.80 LT	31.6
8+411.950	4.80 LT	-	8+655.600	4.80 LT	243.6
8+655.600	4.80 LT	-	8+685.214	2.70 LT	29.7
8+685.214	2.70 LT	-	8+873.977	2.70 LT	188.8
8+873.977	2.70 LT	-	9+150.000	0.00 RT	276.0
9+150.000	0.00 RT	-	9+250.000	0.00 RT	100.0
7+950.000	19.60 LT	-	8+003.400	18.16 LT	53.4
8+003.400	18.16 LT	-	8+043.129	19.00 LT	39.7
7+950.000	18.50 RT	-	8+210.100	17.65 RT	260.1
8+210.100	17.65 RT	-	8+375.929	13.50 RT	165.9
8+375.929	13.50 RT	-	8+411.951	11.10 RT	36.1
8+411.951	11.10 RT	-	8+603.030	11.10 RT	191.1
8+603.030	11.10 RT	-	8+655.600	15.36 RT	52.7
8+655.600	15.36 RT	-	8+698.290	17.05 RT	42.7
8+698.290	17.05 RT	-	8+740.000	19.12 RT	41.8
9+200.827	21.23 RT	-	9+282.250	21.80 RT	81.4
9+282.250	21.80 RT	-	9+444.220	22.82 RT	162.0
9+394.491	21.90 LT	-	9+408.838	22.74 LT	14.4
9+408.838	22.74 LT	-	9+415.745	22.74 LT	6.9
					TOTAL = 2,448

**FENCE REMOVAL**

STATION	OFFSET(m)	-	STATION	OFFSET(m)	METERS
ILLINOIS					
7+465.000	28.15 LT	-	7+485.850	37.41 LT	22.8
7+485.850	37.41 LT	-	7+485.428	50.53 LT	13.1
7+521.177	45.92 LT	-	7+529.254	43.24 LT	8.5
7+521.710	45.49 LT	-	7+532.076	27.67 LT	20.6
7+532.076	27.67 LT	-	7+544.610	26.51 LT	12.6
7+490.173	28.88 RT	-	7+491.919	51.90 RT	23.1
7+531.627	49.21 RT	-	7+536.295	30.32 RT	19.5
7+536.295	30.32 RT	-	7+544.355	27.21 RT	8.6
7+608.760	27.07 RT	-	7+617.228	30.40 RT	9.1
7+617.228	30.40 RT	-	7+636.408	28.12 RT	19.3
7+648.260	27.18 RT	-	7+818.295	28.47 RT	170.0
					TOTAL = 327

**FENCE REMOVAL**

STATION	OFFSET(m)	-	STATION	OFFSET(m)	METERS
INDIANA					
7+947.919	41.20 LT	-	8+016.600	39.53 LT	68.7
8+171.740	40.87 LT	-	8+185.920	40.55 LT	14.2
8+185.920	40.55 LT	-	8+197.000	32.95 LT	13.4
8+197.000	32.95 LT	-	8+206.410	21.79 RT	55.5
8+225.026	45.17 LT	-	8+243.783	18.30 LT	32.8
8+225.030	45.17 LT	-	8+416.470	45.86 LT	191.4
8+416.470	45.86 LT	-	8+411.000	21.32 LT	25.1
8+580.280	22.63 LT	-	8+583.410	43.63 LT	21.2
8+583.410	43.63 LT	-	8+734.580	43.99 LT	151.2
8+734.580	43.99 LT	-	8+734.510	37.41 LT	6.6
8+734.510	37.41 LT	-	8+732.390	24.90 LT	12.7
8+762.850	25.30 LT	-	8+757.730	40.31 LT	15.9
8+757.730	40.31 LT	-	8+848.870	37.92 LT	91.2
8+848.870	37.92 LT	-	8+901.990	35.94 LT	53.2
8+901.990	35.94 LT	-	8+942.110	34.84 LT	40.1
8+942.110	34.84 LT	-	8+991.920	35.37 LT	49.8
8+991.920	35.37 LT	-	9+053.920	34.48 LT	62.0
9+053.920	34.48 LT	-	9+061.310	36.83 LT	7.8
9+061.310	36.83 LT	-	9+101.000	39.70 LT	39.8
EASTBOUND					
7+973.460	32.24 RT	-	7+980.240	36.92 RT	8.2
7+980.240	36.92 RT	-	7+982.610	44.75 RT	8.2
7+982.610	44.75 RT	-	8+029.730	42.10 RT	47.2
8+029.730	42.10 RT	-	8+216.150	42.33 RT	186.4
8+216.150	42.33 RT	-	8+367.490	43.47 RT	110.9
8+367.490	43.47 RT	-	8+390.760	43.45 RT	23.3
8+390.760	43.45 RT	-	8+470.310	43.55 RT	79.6
8+470.310	43.55 RT	-	8+478.550	40.52 RT	8.8
8+478.550	40.52 RT	-	8+460.110	36.17 RT	12.6
8+460.110	36.17 RT	-	8+594.430	38.63 RT	7.6
8+594.430	38.63 RT	-	8+593.770	46.16 RT	88.4
8+593.770	46.16 RT	-	8+682.140	43.23 RT	73.8
8+682.140	43.23 RT	-	8+755.890	45.06 RT	21.1
8+755.890	45.06 RT	-	8+774.740	45.06 RT	21.1
8+774.740	45.06 RT	-	8+814.620	44.13 RT	39.9
8+814.620	44.13 RT	-	8+879.440	44.32 RT	64.8
8+879.440	44.32 RT	-	8+921.730	46.06 RT	42.3
8+921.730	46.06 RT	-	8+959.370	51.55 RT	38.0
8+959.370	51.55 RT	-	9+033.310	41.30 RT	74.6
9+033.310	41.30 RT	-	9+073.700	37.16 RT	40.6
9+073.700	37.16 RT	-	9+125.380	34.36 RT	51.8
9+125.380	34.36 RT	-	9+147.540	35.62 RT	22.2
9+147.540	35.62 RT	-	9+154.180	35.97 RT	6.6
9+154.180	35.97 RT	-	9+163.260	39.09 RT	9.6
					TOTAL = 2,019
IMPACT ATTENUATOR REMOVAL					
*****					
STATION	OFFSET(m)	EACH			
ILLINOIS					
7+375.000	12.50 LT	1.0			
7+580.000	17.00 RT	1.0			
					TOTAL = 2

**IMPACT ATTENUATOR REMOVAL**

STATION	OFFSET(m)	EACH			
INDIANA					
9+057.000	30.75 RT	1.0			
9+190.720	21.300 RT	1.0			
9+240.300	32.000 RT	1.0			
HOHMAN AVE					
80+025.610	8.500 LT	1.0			
					TOTAL = 4

**PLANTING MIX FURNISH AND PLACE 900MM**

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
ILLINOIS					
GATEWAY LANDSCAPING					
7+588.880	4.500	-	7+648.820	0.800	158.8
					TOTAL = 159

**BARRIER SUPPORT STRUCTURE FOR NOISE ABATEMENT WALL**

STATION	OFFSET(m)	-	STATION	OFFSET(m)	METERS
ILLINOIS					
7+465.000	27.70 LT	-	7+544.316	26.09 LT	79.30
7+621.419	26.18 RT	-	7+821.757	26.18 RT	200.30
					TOTAL = 279.6

**SUBGRADE TREATMENT TYPE IA (INDIANA)**

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
INDIANA					
UNDER MEDIAN BARRIER					
7+950.000	0.760	-	8+192.203	0.760	184.1
8+258.062	0.760	-	8+414.870	0.760	119.2
8+602.482	0.760	-	8+729.813	0.760	96.8
8+779.863	0.760	-	9+356.431	0.760	438.2
9+382.175	0.760	-	9+650.000	0.760	203.5
UNDER CD BARRIERS					
9+102.387	0.760	-	9+412.750	0.760	235.9
9+202.220	0.760	-	9+375.000	0.760	131.3
SEE QC/QA PCCP 400MM					
SEE QC/QA PCCP 330MM					
					TOTAL = 62,501

**SUBBASE FOR PCCP 225MM (INDIANA)**

STATION	CUT/FILL(m <sup>2</sup> )	-	STATION	CUT/FILL(m <sup>2</sup> )	CU Meter
INDIANA					
75MM TYPE "D" COMPACTED AGGREGATE BASE #8 OR #43 ON					
150MM TYPE "G" COMPACTED AGGREGATE BASE #53					
UNDER MEDIAN BARRIER					
7+950.000	0.171	-	8+192.203	0.171	41.40
8+258.062	0.171	-	8+414.870	0.171	26.80
8+602.482	0.171	-	8+729.813	0.171	21.80
8+779.863	0.171	-	9+356.431	0.171	98.60
9+382.167	0.171	-	9+650.000	0.171	45.80
UNDER CD ROAD BARRIERS					
9+102.387	0.171	-	9+412.750	0.171	53.10
9+202.220	0.171	-	9+375.000	0.171	29.50
SEE QC/QA PCCP 400MM					
SEE QC/QA PCCP 330MM					
					TOTAL = 14,062.7

**DENSE GRADED SUBBASE (INDIANA)**

STATION	CUT/FILL(m <sup>2</sup> )	-	STATION	CUT/FILL(m <sup>2</sup> )	CU Meter
INDIANA					
150 MM THICK					
SEE R C BRIDGE APPR 400					
					TOTAL = 515.4

**COMPACTED AGGREGATE, NO. 73 (INDIANA)**

STATION	WIDTH(m)	-	STATION	WIDTH(m)	SQ METER
INDIANA					
HOHMAN					
79+976.280	1.900	-	80+031.860	1.900	105.6
79+976.280	2.100	-	80+031.860	2.100	116.7
79+968.810	2.200	-	80+025.820	2.200	125.4
79+968.810	1.500	-	80+025.820	1.500	85.5

# SCHEDULE OF QUANTITIES

ALL DIMENSIONS IN METERS EXCEPT PAY  
ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	32
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

### QC/OA PCCP 400mm (INDIANA)

STATION	WIDTH(m)	STATION	WIDTH(m)	SQ METER
<b>INDIANA</b>				
<b>MAINLINE PAVEMENT</b>				
<b>WESTBOUND</b>				
7+950.000	18.000	8+182.692	18.000	4,188.5
8+258.098	18.000	8+395.842	18.000	2,479.4
8+602.913	18.000	8+722.156	18.000	2,146.4
8+779.863	18.000	8+872.841	20.500	1,789.8
8+872.841	14.400	9+395.341	14.400	7,524.0
<b>RAMP A</b>				
20+674.472	4.900	20+448.434	11.000	1,797.0
<b>EASTBOUND</b>				
7+950.000	18.000	8+192.166	18.000	4,359.0
8+267.572	18.000	8+414.089	18.000	2,637.3
8+612.362	18.000	8+730.346	18.000	2,123.7
8+786.326	18.000	8+950.805	18.000	2,960.6
8+950.805	18.000	9+046.861	20.500	1,849.1
9+046.861	14.400	9+375.000	14.400	4,725.2
<b>RAMP I</b>				
30+097.032	4.900	30+114.971	4.900	87.9
30+114.971	4.900	30+255.192	11.000	1,114.8
<b>INSIDE SHOULDERS</b>				
<b>WESTBOUND</b>				
7+950.000	3.700	8+182.692	3.700	861.0
8+258.098	3.700	8+395.842	3.700	509.7
8+602.913	3.700	8+722.156	3.700	441.2
8+779.863	3.700	9+395.341	3.700	2,277.3
<b>EASTBOUND</b>				
7+950.000	3.700	8+192.166	3.700	896.0
8+267.572	3.700	8+414.089	3.700	542.1
8+612.362	3.700	8+730.346	3.700	436.5
8+786.326	3.700	9+375.000	3.700	2,178.1
9+382.177	0.900	9+650.000	0.900	241.0
<b>OUTSIDE SHOULDERS</b>				
<b>WESTBOUND</b>				
7+950.000	3.600	8+182.692	3.600	837.7
8+258.098	3.600	8+395.842	3.600	495.9
8+602.913	3.600	8+722.156	3.600	429.3
8+779.863	3.600	8+804.424	3.000	81.1
20+741.820	3.000	20+448.434	3.000	880.2
<b>EASTBOUND</b>				
7+950.000	3.600	8+192.166	3.600	871.8
8+267.572	3.600	8+414.089	3.600	527.5
8+612.362	3.600	8+730.346	3.600	424.7
8+786.326	3.600	8+950.805	3.600	592.1
30+000.000	3.600	30+150.800	3.000	497.6
30+150.800	3.000	30+255.192	3.000	313.2
<b>GORE AREAS</b>				
<b>WESTBOUND</b>				
8+872.841	1.200	9+102.387	6.000	826.4
9+102.387	3.700	9+395.341	3.700	1,083.9
<b>EASTBOUND</b>				
9+046.861	1.200	9+202.220	6.000	559.3
9+202.220	3.700	9+375.000	3.700	639.3
TOTAL = 57,226				

### QC/OA PCCP 330 (INDIANA)

STATION	WIDTH(m)	STATION	WIDTH(m)	SQ METER
<b>INDIANA</b>				
<b>CD NORTH</b>				
0+016.117	7.700	0+047.171	12.700	316.8
0+047.171	9.500	0+193.468	9.500	1,389.8
9+281.883	1.600	9+412.750	1.600	209.4
<b>CD SOUTH</b>				
0+000.000	15.600	0+073.491	19.200	1,278.7
0+073.491	9.500	0+138.163	9.500	614.4
0+138.163	1.600	0+174.049	1.600	57.4
TOTAL = 3,867				

### BARRIER CONCRETE, 1145 (INDIANA)

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>INDIANA</b>				
9+386.248	0.00 RT	9+650.000	0.00 RT	263.80
TOTAL = 263.8				

### BARRIER CONCRETE, 1145 (MODIFIED) (INDIANA)

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>INDIANA</b>				
7+955.130	0.00 RT	7+957.450	0.00 RT	2.30
7+980.170	0.00 RT	8+110.000	0.00 RT	129.80
8+140.000	0.00 RT	8+198.228	0.00 RT	58.20
8+252.037	0.00 RT	8+259.730	0.00 RT	7.70
8+270.280	0.00 RT	8+369.730	0.00 RT	99.40
8+380.280	0.00 RT	8+420.573	0.00 RT	40.30
8+596.372	0.00 RT	8+735.906	0.00 RT	139.50
8+773.788	0.00 RT	8+925.610	0.00 RT	151.80
8+936.160	0.00 RT	9+203.670	0.00 RT	267.50
9+215.850	0.00 RT	9+352.390	0.00 RT	136.50
TOTAL = 1,033.0				

### CONCRETE BARRIER TRANSITION (INDIANA)

STATION	OFFSET(m)	EACH
<b>INDIANA</b>		
7+957.450	0.000 RT	1.0
7+970.340	0.000 RT	1.0
8+263.480	0.000 RT	1.0
8+266.530	0.000 RT	1.0
8+373.470	0.000 RT	1.0
8+376.530	0.000 RT	1.0
8+929.360	0.000 RT	1.0
8+932.410	0.000 RT	1.0
9+200.728	23.041 RT	1.0
9+203.718	23.040 RT	1.0
9+206.690	0.000 RT	1.0
9+212.760	0.000 RT	1.0
9+356.431	0.000 RT	1.0
9+382.175	0.000 RT	1.0
TOTAL = 14		

### BARRIER, CONCRETE, 840 mm, MODIFIED (INDIANA)

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>INDIANA</b>				
9+102.387	22.56 LT	9+412.750	22.56 LT	310.4
9+207.440	22.56 RT	9+444.380	22.56 RT	236.9
TOTAL = 547				

### FENCE, CHAIN LINK, 1220 MM

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>INDIANA</b>				
<b>WESTBOUND</b>				
7+998.000	26.48 LT	7+998.000	39.23 LT	12.7
7+998.000	39.23 LT	8+184.350	40.53 LT	186.4
8+184.350	40.53 LT	8+189.460	26.48 LT	15.0
8+241.840	26.48 LT	8+235.090	45.05 LT	19.8
8+235.090	45.05 LT	8+403.050	46.10 LT	168.0
8+403.050	46.10 LT	8+403.050	26.48 LT	19.6
8+403.050	38.08 LT	8+414.310	38.08 LT	11.3
8+587.360	26.48 LT	8+581.780	41.67 LT	16.2
8+581.780	41.67 LT	8+582.260	43.61 LT	2.0
8+582.260	43.61 LT	8+609.250	44.66 LT	27.0
8+609.250	44.66 LT	8+653.060	45.40 LT	43.8
8+653.060	45.40 LT	8+729.850	44.20 LT	76.8
8+729.850	44.20 LT	8+729.850	26.48 LT	17.7
8+764.950	26.48 LT	8+761.090	40.34 LT	14.4
8+761.090	40.34 LT	8+857.480	37.56 LT	96.4
8+857.480	37.56 LT	8+942.330	34.81 LT	84.9
8+942.330	34.81 LT	8+995.440	35.57 LT	53.1
8+995.440	35.57 LT	9+059.750	38.53 LT	64.4
9+059.750	38.53 LT	9+073.740	38.15 LT	14.0
9+073.740	38.15 LT	9+100.000	39.90 LT	26.3
9+100.000	39.90 LT	9+101.000	39.72 LT	1.0
<b>EASTBOUND</b>				
7+973.460	32.24 RT	7+980.140	36.74 RT	8.1
7+980.140	36.74 RT	7+982.580	44.87 RT	8.5
7+982.580	44.87 RT	8+040.050	41.67 RT	57.6
8+040.050	41.67 RT	8+099.090	42.09 RT	59.0
8+100.910	42.08 RT	8+173.260	42.20 RT	72.4
8+173.260	42.20 RT	8+214.490	42.35 RT	41.2
8+214.490	42.35 RT	8+208.720	26.48 RT	16.9
8+261.100	26.48 RT	8+261.100	44.72 RT	18.2
8+261.100	44.72 RT	8+349.090	43.44 RT	88.0
8+350.910	43.50 RT	8+356.810	43.70 RT	5.9
8+356.810	43.44 RT	8+468.750	42.46 RT	111.9
8+468.750	42.46 RT	8+473.400	42.41 RT	4.7
8+473.400	42.41 RT	8+477.580	40.87 RT	4.5
8+468.750	42.46 RT	8+439.490	25.53 RT	33.8
8+605.700	26.48 RT	8+605.850	43.95 RT	17.5
8+605.850	43.95 RT	8+756.780	45.11 RT	150.9
8+756.780	45.11 RT	8+745.120	26.48 RT	22.0
8+779.150	26.48 RT	8+779.150	45.02 RT	18.5
8+779.150	45.02 RT	8+869.760	44.50 RT	90.6
8+869.760	44.50 RT	8+958.960	51.63 RT	89.5
8+958.960	51.63 RT	9+111.640	34.92 RT	153.6
9+111.640	34.92 RT	9+111.640	32.52 RT	2.4
9+162.540	38.68 RT	9+162.530	36.28 RT	2.4
TOTAL = 2,049				

### FENCE GATE, CHAIN LINK, 1220 MM X 3.7 M

STATION	OFFSET(m)	EACH
<b>INDIANA</b>		
8+100.000	42.000 RT	1.0
8+350.000	43.490 RT	1.0
TOTAL = 2		

### SIDEWALK, CONCRETE 100 MM (INDIANA)

STATION	WIDTH(m)	STATION	WIDTH(m)	SQ METER
<b>INDIANA</b>				
<b>HOHMAN ST</b>				
<b>SOUTHBOUND</b>				
79+953.738	2.000	79+955.498	2.000	3.5
79+955.498	2.000	79+958.498	1.500	5.3
79+958.498	1.500	79+962.846	1.500	6.5
79+962.846	1.500	79+975.880	1.500	22.3
79+975.880	1.500	79+972.186	1.500	25.2
79+975.880	1.500	80+031.459	1.500	83.4
<b>NORTHBOUND</b>				
79+945.139	1.900	79+954.865	1.900	18.5
79+954.865	1.900	79+956.865	1.500	3.4
79+956.865	1.500	79+961.625	1.500	7.1
79+961.625	1.500	79+968.053	1.500	10.0
79+968.053	1.500	80+029.500	1.500	92.2
TOTAL = 277				

### SIDEWALK, CONCRETE 150 MM (INDIANA)

STATION	WIDTH(m)	STATION	WIDTH(m)	SQ METER
<b>INDIANA</b>				
<b>WEIGH-IN-MOTION SYSTEM PAD</b>				
				12.0
<b>EASTBOUND</b>				
				12.0
TOTAL = 24				

### CURB AND GUTTER, C, CONCRETE, SPECIAL (INDIANA)

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>INDIANA</b>				
<b>HOHMAN AVE</b>				
79+958.914	6.26 LT	79+973.923	5.78 LT	15.0
79+973.923	5.78 LT	80+031.856	5.44 LT	57.9
79+947.078	6.67 RT	79+970.747	5.51 RT	23.7
79+970.747	5.51 RT	80+034.593	5.29 RT	63.8
<b>HARRISON</b>				

# SCHEDULE OF QUANTITIES

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

### REINFORCED CONCRETE BRIDGE APPROACH, 400MM (INDIANA)

STATION	WIDTH(m)	STATION	WIDTH(m)	SQ METER
<b>INDIANA</b>				
<b>HOHMAN AVENUE</b>				
<b>WESTBOUND</b>				
8+182.692	25.680	8+188.892	25.680	159.2
8+188.892	25.680	8+198.228	0.000	119.9
8+242.701	0.000	8+252.037	25.680	119.9
8+252.037	25.680	8+258.062	25.680	154.7
<b>EASTBOUND</b>				
8+192.166	25.680	8+198.228	25.680	155.7
8+198.228	25.680	8+207.564	0.000	119.9
8+252.037	0.000	8+261.372	25.680	119.9
8+261.372	25.680	8+267.572	25.680	159.2
<b>LITTLE CALUMET RIVER</b>				
<b>WESTBOUND</b>				
8+395.842	25.680	8+402.042	25.680	159.2
8+402.042	25.680	8+419.757	0.000	227.5
8+587.505	0.000	8+596.713	25.680	118.2
8+596.713	25.680	8+602.913	25.680	159.2
<b>EASTBOUND</b>				
8+414.089	25.680	8+420.289	25.680	159.2
8+420.289	25.680	8+438.005	0.000	227.5
8+596.990	0.000	8+606.321	25.680	119.8
8+606.321	25.680	8+612.362	25.680	155.1
<b>HARRISON AVENUE</b>				
<b>WESTBOUND</b>				
8+722.717	25.680	8+728.999	25.680	161.3
8+728.999	25.680	8+736.346	0.000	94.3
8+766.342	0.000	8+773.143	25.680	87.3
8+773.143	25.680	8+779.343	25.680	159.2
<b>EASTBOUND</b>				
8+730.346	25.680	8+736.563	25.680	159.7
8+736.563	25.680	8+743.699	0.000	91.6
8+773.344	0.000	8+779.951	25.680	84.8
8+779.951	25.680	8+786.326	25.680	163.7
TOTAL =				3,436

### HANDRAIL, STEEL (INDIANA)

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>INDIANA</b>				
<b>WEIGHT-IN-MOTION SYSTEM PLATFORM</b>				
8+333.372	26.29 RT	8+338.772	26.29 RT	5.4
8+335.172	26.31 LT	8+340.572	26.31 LT	5.4
TOTAL =				11

### LINE, EPOXY, SOLID, WHITE, 100MM (INDIANA)

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>EASTBOUND</b>				
7+959.333	22.08 RT	8+261.330	22.08 RT	302.0
9+202.220	18.48 RT	9+555.790	18.48 RT	353.6
9+515.200	52.10 RT	9+536.550	35.33 RT	27.1
9+536.550	35.33 RT	9+555.790	25.97 RT	21.4
9+520.380	57.27 RT	9+536.540	44.01 RT	20.9
9+536.540	44.01 RT	9+554.980	34.16 RT	20.9
9+554.980	34.16 RT	9+574.980	28.10 RT	20.9
9+574.980	28.10 RT	9+595.790	26.00 RT	20.9
9+595.790	26.00 RT	9+825.000	26.00 RT	229.2
<b>WESTBOUND</b>				
7+946.291	22.08 LT	8+603.684	22.08 LT	657.4
8+603.684	22.08 LT	8+728.443	22.07 LT	124.8
9+102.384	18.48 LT	9+825.000	18.48 LT	722.6
<b>SOUTH CD ROAD</b>				
0+051.822	0.00 RT	0+193.524	0.00 RT	141.7
<b>NORTH CD ROAD</b>				
0+047.166	1.30 RT	0+193.469	1.30 RT	146.3
<b>RAMP A</b>				
20+339.974	0.00 RT	20+418.005	0.00 RT	78.0
<b>RAMP I</b>				
30+307.160	0.00 RT	30+329.127	0.00 RT	22.0
TOTAL =				2,915

### LINE, EPOXY, SOLID, YELLOW, 100MM (INDIANA)

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>EASTBOUND</b>				
7+953.942	4.08 RT	9+825.000	4.08 RT	1,871.1
<b>WESTBOUND</b>				
7+951.532	4.08 LT	9+825.000	4.08 LT	1,873.5
<b>SOUTH CD ROAD</b>				
0+051.822	4.90 LT	0+193.524	4.90 LT	141.7
<b>NORTH CD ROAD</b>				
0+047.166	4.90 LT	0+193.469	4.90 RT	146.6
<b>RAMP A</b>				
20+339.974	4.90 LT	20+418.005	4.90 LT	78.0
<b>RAMP I</b>				
30+307.160	4.90 LT	30+329.127	4.90 LT	22.0
TOTAL =				4,133

### LINE, EPOXY, SOLID, WHITE, 200MM (INDIANA)

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>EASTBOUND</b>				
8+261.330	22.08 RT	8+950.460	22.08 RT	689.1
8+950.460	18.48 RT	9+020.089	18.48 RT	69.3
9+020.089	18.48 RT	9+202.220	18.48 RT	182.1
9+202.089	18.48 RT	9+202.220	24.54 RT	182.2
<b>WESTBOUND</b>				
8+728.443	22.08 LT	8+776.254	22.08 LT	47.8
8+832.435	18.48 LT	9+102.387	18.48 LT	270.0
8+832.435	18.48 LT	9+102.584	24.54 LT	270.2
9+561.267	18.48 RT	9+595.790	18.48 RT	34.5
9+561.267	25.97 RT	9+578.320	20.00 RT	18.1
9+578.320	20.00 RT	9+595.790	18.48 RT	17.5
<b>RAMP A</b>				
20+418.002	0.00 RT	20+769.368	0.00 RT	351.4
20+418.005	4.90 LT	20+499.784	4.90 LT	81.8
20+419.742	12.14 LT	20+499.784	4.90 LT	80.4
<b>RAMP I</b>				
30+000.000	0.00 RT	30+307.160	0.00 RT	307.2
30+237.497	4.90 LT	30+307.160	4.90 LT	69.7
30+237.497	4.90 LT	30+306.738	10.28 LT	69.4
TOTAL =				2,741

### LINE, EPOXY, SOLID, WHITE, 600MM (INDIANA)

STATION	OFFSET(m)	STATION	OFFSET(m)	METERS
<b>EASTBOUND</b>				
9+035.251	19.11 RT	9+035.859	18.48 RT	0.9
9+043.761	19.52 RT	9+044.771	18.48 RT	1.5
9+052.226	19.97 RT	9+053.683	18.48 RT	2.1
9+060.716	20.45 RT	9+062.595	18.48 RT	2.7
9+069.122	20.96 RT	9+071.508	18.48 RT	3.4
9+077.543	21.45 RT	9+080.420	18.48 RT	4.1
9+085.989	21.90 RT	9+089.332	18.48 RT	4.8
9+094.628	22.32 RT	9+098.244	18.48 RT	5.3
9+103.146	22.70 RT	9+107.157	18.48 RT	5.8
9+111.689	23.05 RT	9+116.070	18.48 RT	6.3
9+120.259	23.36 RT	9+124.983	18.48 RT	6.8
9+128.857	23.64 RT	9+133.894	18.48 RT	7.2
9+137.680	23.88 RT	9+142.806	18.48 RT	7.4
9+146.350	24.08 RT	9+151.719	18.48 RT	7.8
9+155.051	24.25 RT	9+160.631	18.48 RT	8.0
9+163.784	24.38 RT	9+169.543	18.48 RT	8.2
9+172.698	24.47 RT	9+178.455	18.48 RT	8.3
9+180.524	24.52 RT	9+186.377	18.48 RT	8.4
9+188.377	24.54 RT	9+194.299	18.48 RT	8.5
9+196.137	24.54 RT	9+202.220	18.48 RT	8.6
9+559.790	21.60 RT	9+562.720	18.70 RT	4.1
9+559.790	21.60 RT	9+562.030	23.84 RT	3.2
9+571.790	20.00 RT	9+573.120	18.66 RT	1.9
9+571.790	20.00 RT	9+572.840	21.06 RT	1.5
9+583.790	19.04 RT	9+584.160	18.70 RT	0.5
9+583.790	19.04 RT	9+584.070	19.30 RT	0.4

### WESTBOUND

8+855.871	18.48 LT	8+856.484	19.17 LT	0.9
8+864.707	18.48 LT	8+865.578	19.45 LT	1.3
8+873.527	18.48 LT	8+874.671	19.74 LT	1.7
8+882.344	18.48 LT	8+883.765	20.03 LT	2.1
8+891.164	18.48 LT	8+892.860	20.31 LT	2.5
8+899.987	18.48 LT	8+901.956	20.58 LT	2.9
8+908.814	18.48 LT	8+911.053	20.85 LT	3.3
8+917.724	18.48 LT	8+920.152	21.11 LT	3.6
8+926.568	18.48 LT	8+929.253	21.36 LT	3.9
8+935.416	18.48 LT	8+938.355	21.60 LT	4.3
8+944.267	18.48 LT	8+947.458	21.84 LT	4.6
8+953.231	18.48 LT	8+956.562	22.06 LT	4.9
8+962.100	18.48 LT	8+965.669	22.28 LT	5.2
8+970.972	18.48 LT	8+974.776	22.49 LT	5.5
8+979.849	18.48 LT	8+983.884	22.69 LT	5.8
8+988.930	18.48 LT	8+992.994	22.89 LT	6.0
8+997.829	18.48 LT	9+002.106	23.08 LT	6.3
9+006.732	18.48 LT	9+011.219	23.26 LT	6.6
9+015.638	18.48 LT	9+020.332	23.43 LT	6.8
9+024.550	18.48 LT	9+029.446	23.59 LT	7.1
9+033.466	18.48 LT	9+038.561	23.75 LT	7.3
9+042.553	18.48 LT	9+047.676	23.98 LT	7.5
9+051.486	18.48 LT	9+056.793	24.03 LT	7.7
9+060.424	18.48 LT	9+065.910	24.17 LT	7.9
9+069.368	18.48 LT	9+075.028	24.29 LT	8.1
9+078.317	18.48 LT	9+084.146	24.41 LT	8.3
9+087.290	18.48 LT	9+093.266	24.50 LT	8.5
9+096.306	18.48 LT	9+102.385	24.54 LT	8.6
<b>RAMP A</b>				
20+493.537	5.16 LT	20+493.285	4.90 LT	0.4
20+484.935	5.54 LT	20+484.314	4.90 LT	0.9
20+476.358	5.93 LT	20+475.344	4.90 LT	1.4
20+467.806	6.34 LT	20+466.374	4.90 LT	2.0
20+459.271	6.78 LT	20+457.404	4.90 LT	2.6
20+451.082	7.24 LT	20+448.434	4.90 LT	3.5
20+442.552	7.91 LT	20+439.719	4.90 LT	4.1
20+434.769	8.95 LT	20+431.004	4.90 LT	5.5
20+427.281	10.33 LT	20+422.289	4.90 LT	7.4
<b>RAMP I</b>				
30+243.909	5.34 LT	30+243.711	5.10 LT	0.3
30+243.711	5.10 LT	30+243.953	4.90 LT	0.3
30+252.923	5.95 LT	30+252.447	5.37 LT	0.7
30+252.447	5.37 LT	30+253.024	4.90 LT	0.7
30+261.914	6.57 LT	30+261.160	5.65 LT	1.2
30+261.160	5.65 LT	30+262.072	4.90 LT	1.2
30+270.892	7.23 LT	30+269.840	5.95 LT	1.7
30+269.840	5.95 LT	30+271.133	4.90 LT	1.7
30+279.866	7.93 LT	30+278.497	6.27 LT	2.1
30+278.497	6.27 LT	30+280.153	4.90 LT	2.1
30+288.836	8.67 LT	30+287.131	6.61 LT	2.7
30+287.131	6.61 LT	30+289.193	4.90 LT	2.7
30+297.802	9.45 LT	30+295.741	6.96 LT	3.2
30+295.741	6.96 LT	30+298.234	4.90 LT	

# EARTHWORK SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

STA. - STA. ILLINOIS	EARTH EXCAVATION (CU M)			TOTAL SUITABLE EXCAVATION (CU M)			EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE 15%) (CU M)			EMBANKMENT (CU M)			EARTHWORK BALANCE WASTE (-) OR SHORTAGE (+) (CU M)		
	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3
6+815 - 6+825	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	714.18	258.00	315.87	-714.18	-258.00	-315.87
6+825 - 6+850	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1705.63	615.63	780.50	-1705.63	-615.63	-780.50
6+850 - 6+875	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1637.88	602.63	771.25	-1637.88	-602.63	-771.25
6+875 - 6+900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1573.00	601.00	764.63	-1573.00	-601.00	-764.63
6+900 - 6+925	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1518.25	604.88	766.38	-1518.25	-604.88	-766.38
6+925 - 6+950	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1475.63	620.00	775.50	-1475.63	-620.00	-775.50
6+950 - 6+975	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1459.50	631.88	785.75	-1459.50	-631.88	-785.75
6+975 - 7+000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1469.63	639.25	797.00	-1469.63	-639.25	-797.00
7+000 - 7+025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1470.00	649.50	807.38	-1470.00	-649.50	-807.38
7+025 - 7+050	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1436.88	652.63	809.38	-1436.88	-652.63	-809.38
7+050 - 7+075	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1291.63	624.50	775.13	-1291.63	-624.50	-775.13
7+075 - 7+100	0.00	0.00	73.88	0.00	0.00	73.88	0.00	0.00	62.79	1086.75	564.25	705.13	-1086.75	-564.25	-642.33
7+100 - 7+125	0.00	0.00	138.25	0.00	0.00	138.25	0.00	0.00	117.51	917.88	498.63	633.63	-917.88	-498.63	-516.11
7+125 - 7+150	0.00	0.00	103.13	0.00	0.00	103.13	0.00	0.00	87.66	776.00	429.63	560.00	-776.00	-429.63	-472.34
7+150 - 7+175	0.00	0.00	44.63	0.00	0.00	44.63	0.00	0.00	37.93	645.25	360.50	482.75	-645.25	-360.50	-444.82
7+175 - 7+200	0.00	0.00	5.88	0.00	0.00	5.88	0.00	0.00	4.99	536.50	299.63	440.88	-536.50	-299.63	-435.88
7+200 - 7+225	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	450.38	242.88	430.25	-450.38	-242.88	-430.25
7+225 - 7+250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	372.88	191.88	411.75	-372.88	-191.88	-411.75
7+250 - 7+275	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	307.88	144.13	369.50	-307.88	-144.13	-369.50
7+275 - 7+300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	259.75	105.63	310.00	-259.75	-105.63	-310.00
7+300 - 7+325	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	208.75	72.25	265.88	-208.75	-72.25	-265.88
7+325 - 7+350	0.75	0.00	0.00	0.75	0.00	0.00	0.64	0.00	0.00	169.63	41.88	246.25	-168.99	-41.88	-246.25
7+350 - 7+375	5.25	0.00	0.00	5.25	0.00	0.00	4.46	0.00	0.00	99.50	28.50	222.00	-95.04	-28.50	-222.00
7+375 - 7+400	11.00	0.00	0.00	11.00	0.00	0.00	9.35	0.00	0.00	48.38	36.38	243.25	-39.03	-36.38	-243.25
7+400 - 7+425	9.75	0.00	0.00	9.75	0.00	0.00	8.29	0.00	0.00	70.25	64.25	314.63	-61.96	-64.25	-314.63
7+425 - 7+450	3.63	0.00	0.00	3.63	0.00	0.00	3.08	0.00	0.00	114.50	104.13	386.50	-111.42	-104.13	-386.50
7+450 - 7+475	0.63	0.00	0.00	0.63	0.00	0.00	0.53	0.00	0.00	175.75	157.13	463.38	-175.22	-157.13	-463.38
7+475 - 7+500	0.25	0.00	0.00	0.25	0.00	0.00	0.21	0.00	0.00	269.50	217.00	541.75	-269.29	-217.00	-541.75
7+500 - 7+525	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	411.75	283.13	632.38	-411.75	-283.13	-632.38
7+525 - 7+550	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	556.00	356.38	733.88	-556.00	-356.38	-733.88
7+550 - 7+575	56.00	0.00	0.00	56.00	0.00	0.00	47.60	0.00	0.00	530.50	411.88	821.88	-482.90	-411.88	-821.88
7+575 - 7+600	61.38	0.00	0.00	61.38	0.00	0.00	52.17	0.00	0.00	479.13	405.63	935.13	-426.96	-405.63	-935.13
7+600 - 7+625	5.38	0.00	0.00	5.38	0.00	0.00	4.57	0.00	0.00	503.63	353.88	910.00	-499.06	-353.88	-910.00
7+625 - 7+650	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	432.00	298.38	732.63	-432.00	-298.38	-732.63
7+650 - 7+675	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	325.75	231.25	573.88	-325.75	-231.25	-573.88
7+675 - 7+700	0.00	0.00	2.38	0.00	0.00	2.38	0.00	0.00	2.02	199.88	143.63	374.63	-199.88	-143.63	-372.61
7+700 - 7+725	11.63	2.88	13.88	11.63	2.88	13.88	9.88	2.44	11.79	73.25	57.75	210.88	-63.37	-55.31	-199.08
7+725 - 7+750	51.00	16.63	28.50	51.00	16.63	28.50	43.35	14.13	24.23	10.63	15.63	136.88	32.73	-1.49	-112.65
7+750 - 7+775	76.75	27.25	30.13	76.75	27.25	30.13	65.24	23.16	25.61	3.38	6.25	128.75	61.86	16.91	-103.14
7+775 - 7+800	53.75	19.00	18.00	53.75	19.00	18.00	45.69	16.15	15.30	13.50	12.00	180.25	32.19	4.15	-164.95
7+800 - 7+825	37.50	5.50	4.88	37.50	5.50	4.88	31.88	4.68	4.14	31.50	34.38	266.38	0.38	-29.70	-262.23
7+825 - 7+850	29.75	0.00	0.00	29.75	0.00	0.00	25.29	0.00	0.00	66.38	73.63	381.75	-41.09	-73.63	-381.75
7+850 - 7+875	22.88	0.00	0.00	22.88	0.00	0.00	19.44	0.00	0.00	125.00	125.38	520.00	-105.56	-125.38	-520.00
7+875 - 7+900	25.25	0.00	0.00	25.25	0.00	0.00	21.46	0.00	0.00	191.13	175.63	633.88	-169.66	-175.63	-633.88
7+900 - 7+925	18.63	0.00	0.00	18.63	0.00	0.00	15.83	0.00	0.00	242.63	217.38	703.63	-226.79	-217.38	-703.63
7+925 - 7+950	18.38	0.00	0.00	18.38	0.00	0.00	15.62	0.00	0.00	274.13	235.63	724.25	-258.51	-235.63	-724.25
STATE LINE SITE PLAN										214.00			-214.00		

PAY ITEM SUMMARY FOR ILLINOIS TOTAL				
	STAGE 1	STAGE 2	STAGE 3	TOTAL
EARTH EXCAVATION	499.50	71.25	463.50	1034.3
FURNISHED EXCAVATION	26521.23	13435.69	24383.27	64340.2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
EARTHWORK SCHEDULE OF QUANTITIES

SCALE: \_\_\_\_\_ DRAWN BY ACE/CAD  
DATE 07/05 CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

# EARTHWORK SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

STA. - STA. INDIANA	EXCAVATION COMMON (CU M)			TOTAL SUITABLE EXCAVATION (CU M)			EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE 15%) (CU M)			EMBANKMENT (CU M)			EARTHWORK BALANCE WASTE (-) OR SHORTAGE (+) (CU M)		
	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3
	7+950 - 7+975	15.75	0.00	0.00	15.75	0.00	0.00	13.39	0.00	0.00	292.75	243.13	745.25	-279.36	-243.13
7+975 - 8+000	5.13	0.00	0.00	5.13	0.00	0.00	4.36	0.00	0.00	316.25	254.38	775.63	-311.89	-254.38	-775.63
8+000 - 8+025	0.13	0.00	0.00	0.13	0.00	0.00	0.11	0.00	0.00	342.38	262.13	778.25	-342.27	-262.13	-778.25
8+025 - 8+050	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	374.50	265.63	763.50	-374.50	-265.63	-763.50
8+050 - 8+075	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	410.63	262.88	734.50	-410.63	-262.88	-734.50
8+075 - 8+100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	428.00	255.38	706.75	-428.00	-255.38	-706.75
8+100 - 8+125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	436.88	241.25	675.75	-436.88	-241.25	-675.75
8+125 - 8+150	0.00	0.00	2.50	0.00	0.00	2.50	0.00	0.00	2.13	418.50	219.00	622.75	-418.50	-219.00	-620.63
8+150 - 8+175	0.00	0.00	2.50	0.00	0.00	2.50	0.00	0.00	2.13	358.96	181.46	572.38	-358.96	-181.46	-570.25
8+175 - 8+200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	387.01	138.34	280.63	-387.01	-138.34	-280.63
8+200 - 8+225	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	225.30	59.38	0.00	-225.30	-59.38	0.00
8+225 - 8+250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	227.75	0.00	0.00	-227.75
8+250 - 8+275	12.25	0.38	7.38	12.25	0.38	7.38	10.41	0.32	6.27	41.38	21.25	373.00	-30.96	-20.93	-366.73
8+275 - 8+300	24.50	3.75	16.13	24.50	3.75	16.13	20.83	3.19	13.71	77.88	38.50	275.13	-57.05	-35.31	-261.42
8+300 - 8+325	19.13	5.75	17.75	19.13	5.75	17.75	16.26	4.89	15.09	76.00	34.88	247.88	-59.74	-29.99	-232.79
8+325 - 8+350	7.50	4.00	21.63	7.50	4.00	21.63	6.38	3.40	18.38	103.13	37.25	239.38	-96.75	-33.85	-220.99
8+350 - 8+375	0.63	2.38	22.88	0.63	2.38	22.88	0.53	2.02	19.44	143.88	41.25	247.88	-143.34	-39.23	-228.43
8+375 - 8+400	0.00	0.75	21.50	0.00	0.75	21.50	0.00	0.64	18.28	180.13	43.75	237.75	-180.13	-43.11	-219.48
8+400 - 8+425	0.00	0.75	11.25	0.00	0.75	11.25	0.00	0.64	9.56	225.13	22.13	111.25	-225.13	-21.49	-101.69
8+425 - 8+450	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.64	0.00	125.25	0.00	0.00	-125.25	0.64	0.00
8+450 - 8+475	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8+475 - 8+500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8+500 - 8+525	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8+525 - 8+550	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8+550 - 8+575	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8+575 - 8+600	0.00	0.00	5.58	0.00	0.00	5.58	0.00	0.00	4.74	0.00	0.00	210.94	0.00	0.00	-206.20
8+600 - 8+625	0.00	0.00	10.83	0.00	0.00	10.83	0.00	0.00	9.20	244.00	84.25	458.19	-244.00	-84.25	-448.99
8+625 - 8+650	0.00	0.00	13.25	0.00	0.00	13.25	0.00	0.00	11.26	521.63	179.50	523.75	-521.63	-179.50	-512.49
8+650 - 8+675	0.00	0.00	16.25	0.00	0.00	16.25	0.00	0.00	13.81	569.13	197.50	566.25	-569.13	-197.50	-552.44
8+675 - 8+700	0.00	0.00	14.25	0.00	0.00	14.25	0.00	0.00	12.11	593.63	211.50	603.38	-593.63	-211.50	-591.26
8+700 - 8+725	0.00	0.00	10.75	0.00	0.00	10.75	0.00	0.00	9.14	625.00	230.88	648.50	-625.00	-230.88	-639.36
8+725 - 8+750	0.00	0.00	4.75	0.00	0.00	4.75	0.00	0.00	4.04	322.88	121.63	334.88	-322.88	-121.63	-330.84
8+750 - 8+775	0.00	0.00	4.56	0.00	0.00	4.56	0.00	0.00	3.88	0.00	163.56	393.90	0.00	-163.56	-390.02
8+775 - 8+800	0.00	0.00	18.81	0.00	0.00	18.81	0.00	0.00	15.99	317.75	306.31	772.65	-317.75	-306.31	-756.66
8+800 - 8+825	0.00	0.00	28.63	0.00	0.00	28.63	0.00	0.00	24.33	642.88	287.75	761.38	-642.88	-287.75	-737.04
8+825 - 8+850	0.00	0.00	31.38	0.00	0.00	31.38	0.00	0.00	26.67	664.88	294.00	766.00	-664.88	-294.00	-739.33
8+850 - 8+875	0.00	0.00	33.88	0.00	0.00	33.88	0.00	0.00	28.79	671.50	289.38	747.50	-671.50	-289.38	-718.71
8+875 - 8+900	0.00	0.00	18.00	0.00	0.00	18.00	0.00	0.00	15.30	633.00	264.13	689.88	-633.00	-264.13	-674.58
8+900 - 8+925	0.00	0.00	2.00	0.00	0.00	2.00	0.00	0.00	1.70	559.88	222.13	592.75	-559.88	-222.13	-591.05
8+925 - 8+950	0.00	0.00	0.88	0.00	0.00	0.88	0.00	0.00	0.74	478.50	174.38	476.13	-478.50	-174.38	-475.38
8+950 - 8+975	0.00	0.00	0.38	0.00	0.00	0.38	0.00	0.00	0.32	397.88	125.50	355.38	-397.88	-125.50	-355.06
8+975 - 9+000	0.00	1.25	4.38	0.00	1.25	4.38	0.00	1.06	3.72	315.63	73.50	224.13	-315.63	-72.44	-220.41
9+000 - 9+025	0.00	17.13	19.63	0.00	17.13	19.63	0.00	14.56	16.68	238.25	35.50	96.25	-238.25	-20.94	-79.57
9+025 - 9+050	0.00	44.50	82.75	0.00	44.50	82.75	0.00	37.83	70.34	164.63	14.75	23.63	-164.63	23.08	46.71
9+050 - 9+075	0.50	70.00	155.50	0.50	70.00	155.50	0.43	59.50	132.18	154.13	3.25	8.88	-153.70	56.25	123.30
9+075 - 9+100	4.38	95.13	201.88	4.38	95.13	201.88	3.72	80.86	171.59	153.13	0.00	5.13	-149.41	80.86	166.47

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**EARTHWORK SCHEDULE OF QUANTITIES**

SCALE: \_\_\_\_\_ DATE: 07/05

DRAWN BY: ACE/CAD  
CHECKED BY: TAE

**AMERICAN**  
CONSULTING ENGINEERS

# EARTHWORK SCHEDULE OF QUANTITIES

STA. - STA. INDIANA	EXCAVATION COMMON (CU M)			TOTAL SUITABLE EXCAVATION (CU M)			EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE 15%) (CU M)			EMBANKMENT (CU M)			EARTHWORK BALANCE WASTE (-) OR SHORTAGE (+) (CU M)		
	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3
9+100 - 9+125	13.50	115.63	231.00	13.50	115.63	231.00	11.48	98.28	196.35	111.50	0.00	2.00	-100.03	98.28	194.35
9+125 - 9+150	53.75	128.50	295.13	53.75	128.50	295.13	45.69	109.23	250.86	71.25	0.00	0.63	-25.56	109.23	250.23
9+150 - 9+175	114.25	156.25	363.00	114.25	156.25	363.00	97.11	132.81	308.55	33.13	0.00	0.13	63.99	132.81	308.43
9+175 - 9+200	123.88	187.88	395.75	123.88	187.88	395.75	105.29	159.69	336.39	26.25	0.00	0.00	79.04	159.69	336.39
9+200 - 9+225	124.75	187.75	449.13	124.75	187.75	449.13	106.04	159.59	381.76	22.25	0.00	0.00	83.79	159.59	381.76
9+225 - 9+250	97.00	148.88	508.63	97.00	148.88	508.63	82.45	126.54	432.33	8.75	0.00	0.00	73.70	126.54	432.33
9+250 - 9+275	59.50	93.63	511.13	59.50	93.63	511.13	50.58	79.58	434.46	2.38	0.00	0.00	48.20	79.58	434.46
9+275 - 9+300	91.38	62.75	380.88	91.38	62.75	380.88	77.67	53.34	323.74	0.00	0.00	0.00	77.67	53.34	323.74
9+300 - 9+325	143.38	59.38	254.00	143.38	59.38	254.00	121.87	50.47	215.90	0.00	0.00	0.00	121.87	50.47	215.90
9+325 - 9+350	137.63	60.25	216.50	137.63	60.25	216.50	116.98	51.21	184.03	0.00	0.00	0.00	116.98	51.21	184.03
9+350 - 9+375	104.25	54.38	204.25	104.25	54.38	204.25	88.61	46.22	173.61	0.00	0.00	0.00	88.61	46.22	173.61
9+375 - 9+395	72.92	35.60	144.12	72.92	35.60	144.12	61.98	30.26	122.50	0.00	0.00	0.00	61.98	30.26	122.50

PAY ITEM SUMMARY FOR INDIANA TOTAL				
	STAGE 1	STAGE 2	STAGE 3	TOTAL
EXCAVATION COMMON (INDIANA)	1226.05	1537.35	4755.27	7518.7
BORROW (INDIANA)	12465.51	4594.56	13835.57	30895.6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**EARTHWORK SCHEDULE OF QUANTITIES**

SCALE: \_\_\_\_\_ DATE: 07/05

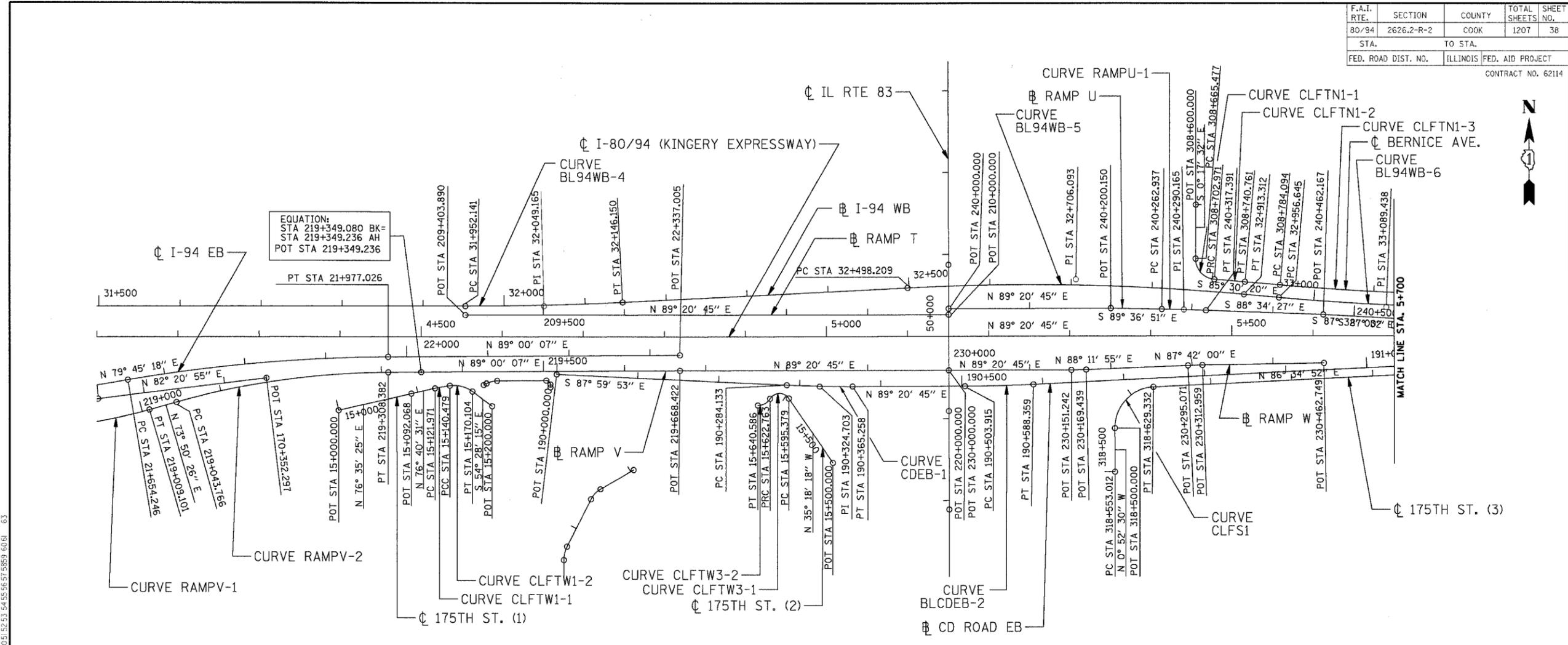
DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK	1207	38
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62114



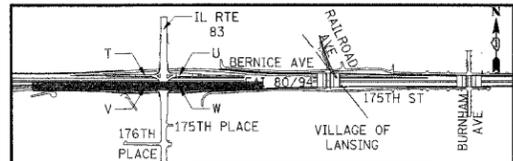
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I-94WB			I-94EB			175TH STREET (1)		175TH STREET (2)		175TH STREET (3)
CURVE BL94WB-4	CURVE BL94WB-5	CURVE BL94WB-6	CURVE CL94EB-3	CURVE CLFTW1-1	CURVE CLFTW1-2	CURVE CLFTW3-1	CURVE CLFTW3-2	CURVE CLFS1		
PI STA = 32+049.165 N = 545527.369 E = 364087.694 Δ = 2° 46' 44" (LT) R = 4,000.000 m T = 97.024 m L = 194.009 m E = 1.177 m	PI STA = 32+706.093 N = 545566.714 E = 364743.480 Δ = 7° 55' 40" (RT) R = 3,000.000 m T = 207.884 m L = 415.103 m E = 7.194 m	PI STA = 33+089.438 N = 545536.622 E = 365126.308 Δ = 5° 04' 08" (LT) R = 3,000.000 m T = 132.792 m L = 265.412 m E = 2.938 m	PI STA = 21+815.988 N = 545460.6774 E = 363734.212 Δ = 9° 14' 49.08" (RT) R = 2,000.000 m T = 161.741 m L = 322.780 m E = 6.529 m	PI STA = 15+131.232 N = 545427.735 E = 363963.194 Δ = 5° 24' 58" (RT) R = 195.800 m T = 9.261 m L = 18.508 m E = 0.219 m	PI STA = 15+156.048 N = 545431.188 E = 363987.782 Δ = 43° 31' 22" (RT) R = 39.000 m T = 15.568 m L = 29.625 m E = 2.993 m	PI STA = 15+616.163 N = 545435.352 E = 364378.616 Δ = 112° 04' 21" (LT) R = 14.000 m T = 20.784 m L = 27.384 m E = 11.060 m	PI STA = 15+632.482 N = 545409.662 E = 364362.172 Δ = 56° 43' 51" (RT) R = 18.000 m T = 9.719 m L = 17.823 m E = 2.456 m	PI STA = 318+600.840 N = 545433.655 E = 364792.409 Δ = 87° 27' 22" (RT) R = 50.000 m T = 47.828 m L = 76.320 m E = 19.192 m		
RAMP U		RAMP V		CD ROAD EB		BERNICE AVENUE				
CURVE BLRAMPU-1	CURVE BLRAMPV-1	CURVE BLRAMPV-2	CURVE BLCDEB-1	CURVE BLCDEB-2	CURVE CLFTN1-1	CURVE CLFTN1-2	CURVE CLFTN1-3			
PI STA = 240+290.165 N = 545531.145 E = 364876.938 Δ = 1° 02' 24" (RT) R = 3,000.000 m T = 27.228 m L = 54.454 m E = 0.124 m	PI STA = 218+857.928 N = 545351.814 E = 363451.193 Δ = 27° 10' 18.879" (LT) R = 650.000 m T = 157.083 m L = 308.255 m E = 18.711 m	PI STA = 219+176.852 N = 545442.219 E = 363763.193 Δ = 15° 09' 1.080" (RT) R = 1000.000 m T = 133.086 m L = 264.616 m E = 8.817 m	PI STA = 190+546.145 N = 545433.214 E = 364428.514 Δ = 2° 45' 53" (LT) R = 1,750.000 m T = 42.230 m L = 84.444 m E = 0.509 m	PI STA = 190+324.703 N = 545435.743 E = 364649.956 Δ = 2° 39' 22" (LT) R = 1,750.000 m T = 40.570 m L = 81.125 m E = 0.470 m	PI STA = 308+688.762 N = 545570.015 E = 364891.005 Δ = 85° 55' 53" (LT) R = 25.000 m T = 23.285 m L = 37.495 m E = 9.164 m	PI STA = 308+721.866 N = 545567.237 E = 364933.093 Δ = 0° 43' 05" (RT) R = 3,015.381 m T = 18.895 m L = 37.790 m E = 0.059 m	PI STA = 308+976.233 N = 545547.304 E = 365186.678 Δ = 7° 22' 01" (LT) R = 2,984.620 m T = 192.140 m L = 383.750 m E = 6.178 m			



7-11-2005  
Exp. 11-30-2005  
SHTS. 38-43



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)  
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION  
COOK COUNTY

**HORIZONTAL ALIGNMENT,  
TIES & BENCHMARKS**

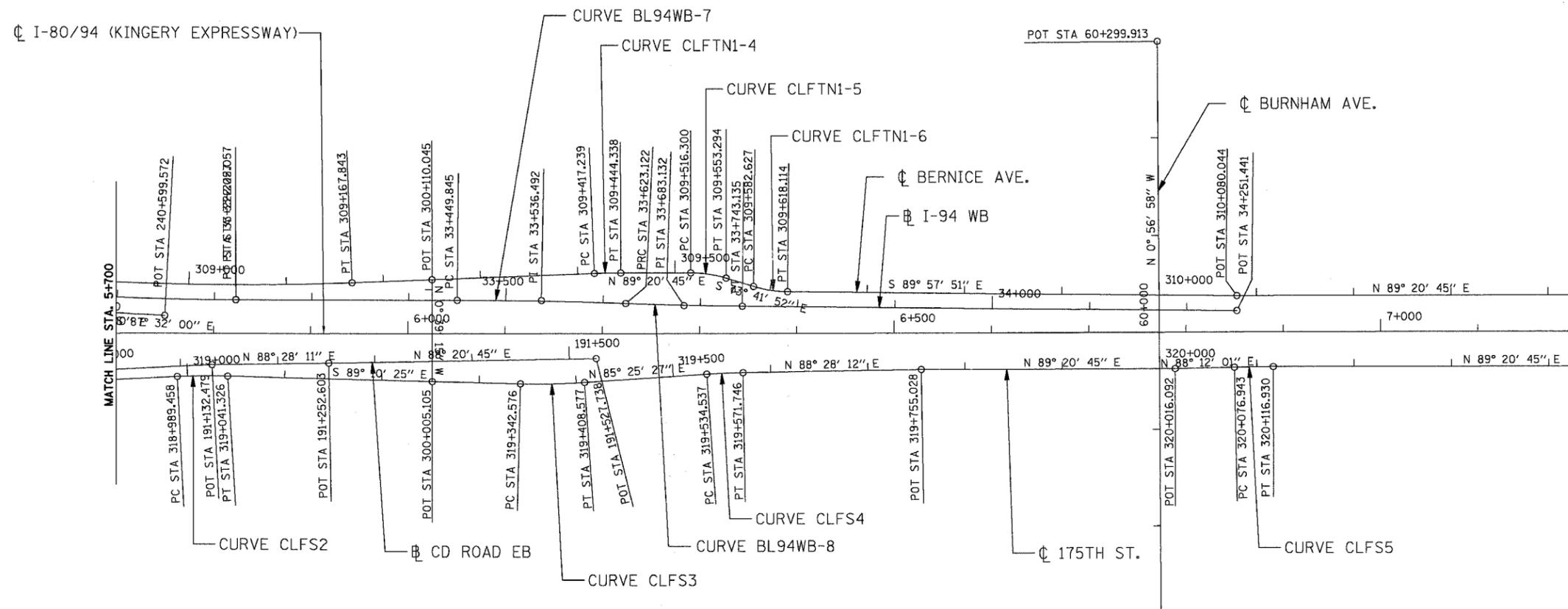
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DATE: 7/18/2005

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CHECKED BY: DDH

**TENG**  
TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

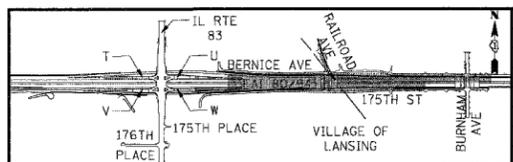
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK	1207	39
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62114



I-94WB		BERNICE AVENUE		
CURVE BL94WB-7	CURVE BL94WB-8	CURVE CLFTN1-4	CURVE CLFTN1-5	CURVE CLFTN1-6
PI STA = 33+536.492 N = 545541.106 E = 365573.513 Δ = 1° 59' 08" (RT) R = 5,000.000 m T = 86.648 m L = 173.278 m E = 0.751 m	PI STA = 33+683.132 N = 545537.494 E = 365720.126 Δ = 1° 22' 31" (LT) R = 4,999.982 m T = 60.009 m L = 120.013 m E = 0.360 m	PI STA = 309+430.790 N = 545570.108 E = 365641.193 Δ = 2° 13' 05" (RT) R = 700.000 m T = 13.551 m L = 27.100 m E = 0.131 m	PI STA = 309+534.933 N = 545571.298 E = 365745.332 Δ = 16° 57' 23" (RT) R = 125.000 m T = 18.633 m L = 36.993 m E = 1.381 m	PI STA = 309+600.491 N = 545552.819 E = 365808.516 Δ = 16° 15' 59" (LT) R = 125.000 m T = 17.864 m L = 35.488 m E = 1.270 m
175TH STREET				
CURVE CLFS2	CURVE CLFS3	CURVE CLFS4	CURVE CLFS5	
PI STA = 319+015.404 N = 545459.531 E = 365225.537 Δ = 4° 14' 43" (RT) R = 700.000 m T = 25.946 m L = 51.867 m E = 0.481 m	PI STA = 319+375.601 N = 545454.335 E = 365585.720 Δ = 5° 24' 08" (LT) R = 700.000 m T = 33.025 m L = 66.001 m E = 0.779 m	PI STA = 319+553.146 N = 545468.503 E = 365762.748 Δ = 3° 02' 44" (RT) R = 700.000 m T = 18.609 m L = 37.210 m E = 0.247 m	PI STA = 320+096.937 N = 545479.414 E = 366306.419 Δ = 1° 08' 44" (RT) R = 2,000.000 m T = 19.994 m L = 39.987 m E = 0.100 m	

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)  
 EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION  
 COOK COUNTY

**HORIZONTAL ALIGNMENT,  
 TIES & BENCHMARKS**

SCALE: 1:2500  
 DATE: 7/18/2005

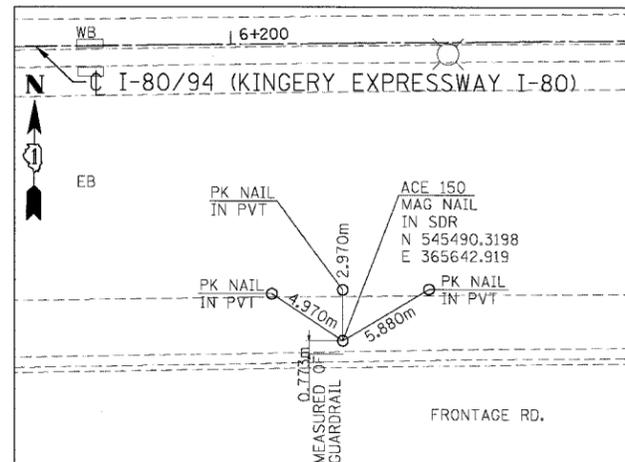
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 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

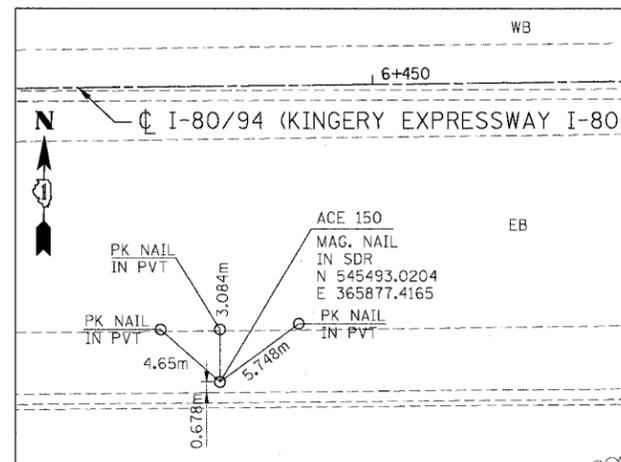


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK	1207	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114				

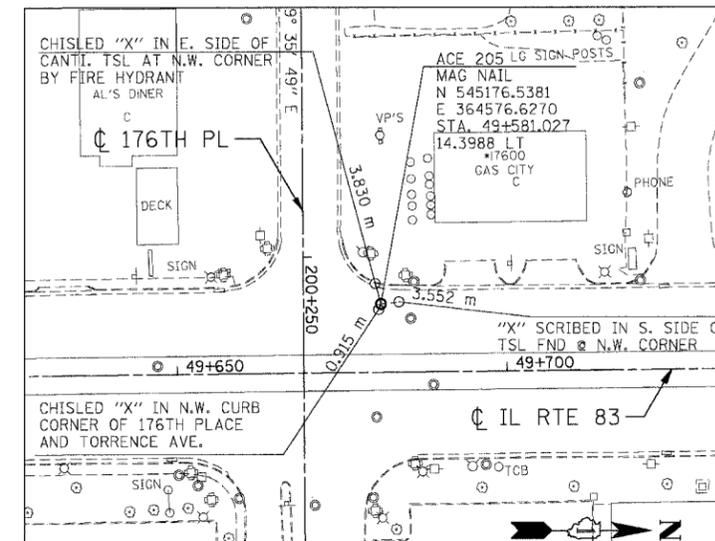
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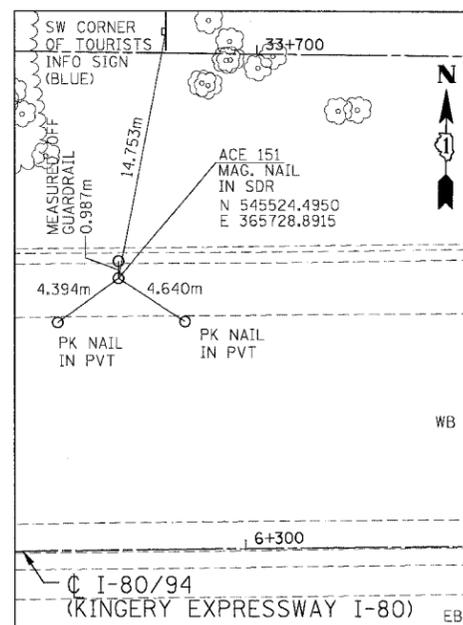
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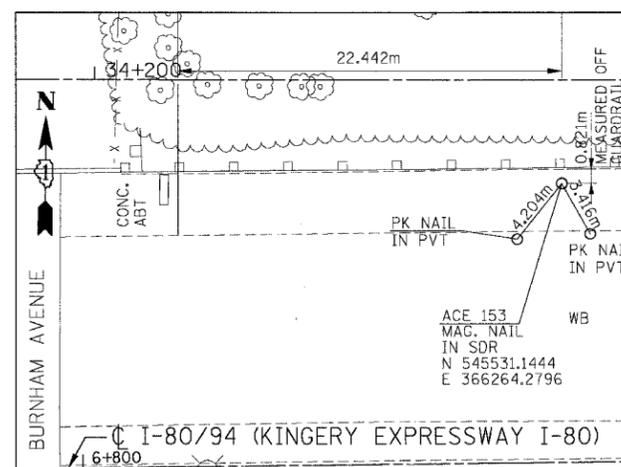
REFERENCE TIES TO ACE 205



REFERENCE TIES TO ACE 151



REFERENCE TIES TO ACE 153



NOTE:  
ACE = AMERICAN CONSULTING ENGINEERS, L.L.C.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)  
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION  
COOK COUNTY

**ALIGNMENT TIES**

SCALE: DATE: 7/18/2005  
DRAWN BY: RJS  
CHECKED BY: DDH

**TENG**  
TENGG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

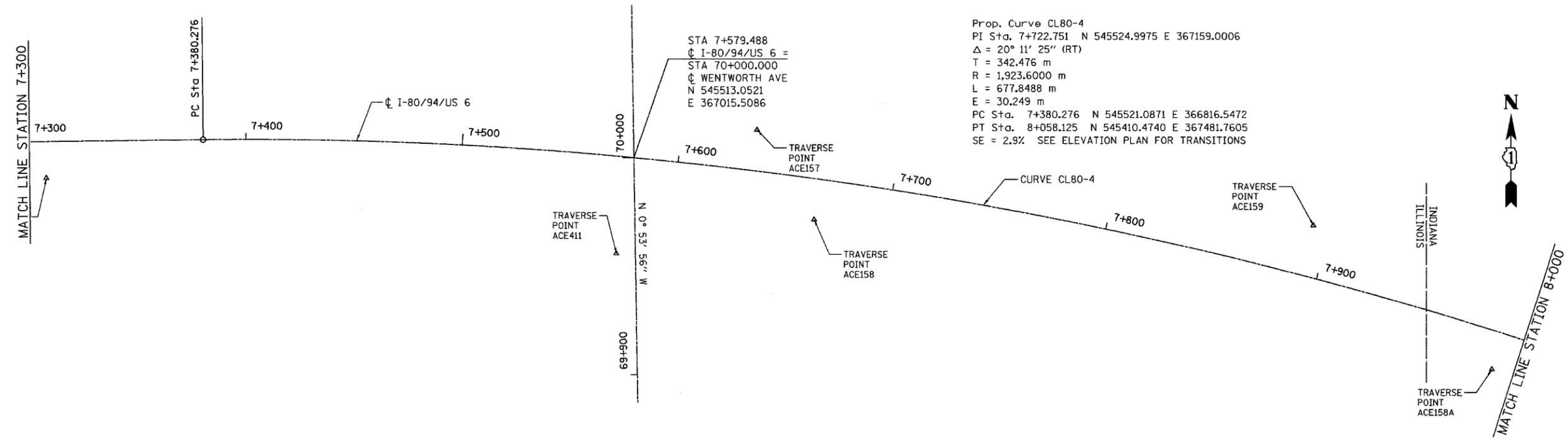
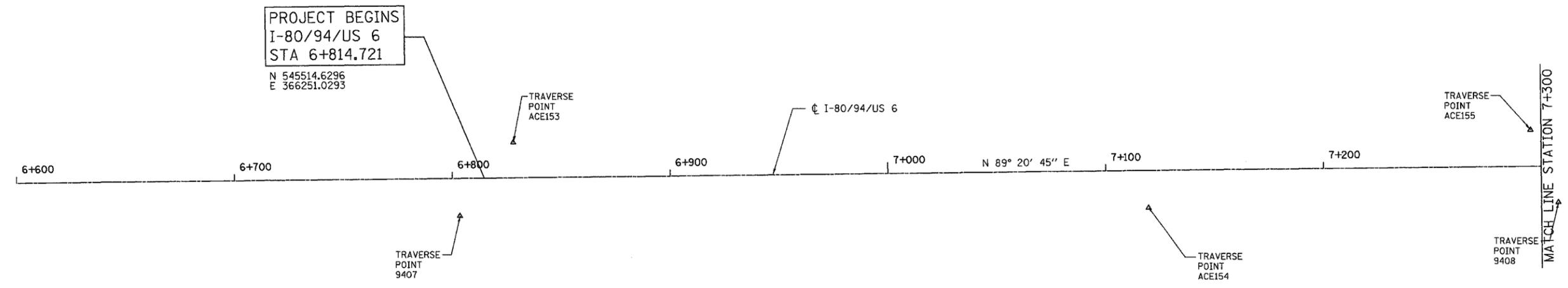
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ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	44
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

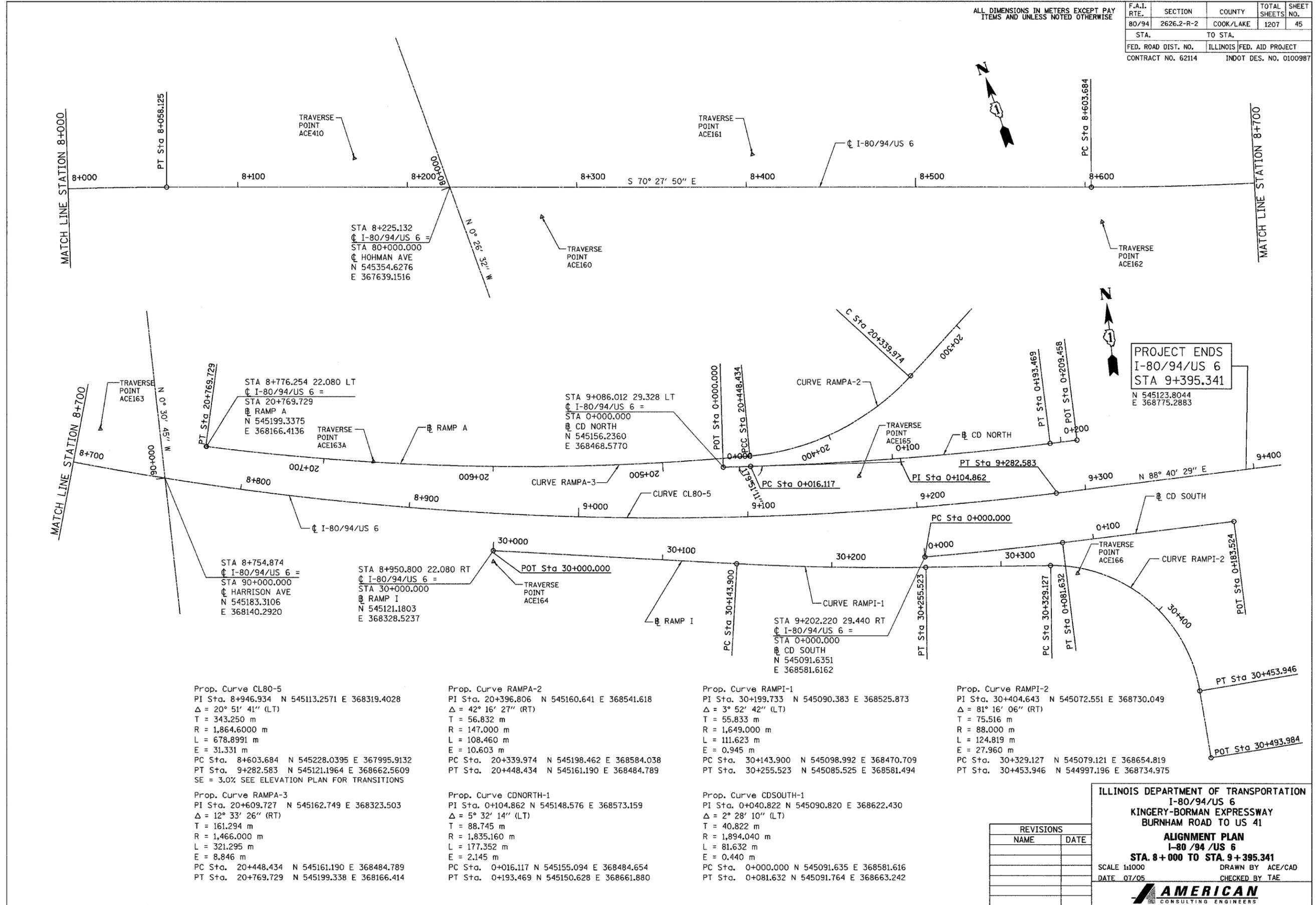


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**ALIGNMENT PLAN**  
 I-80 /94 /US 6  
**STA. 6 + 850 TO STA. 8 + 000**  
 SCALE 1:1000 DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	45
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



PROJECT ENDS  
I-80/94/US 6  
STA 9+395.341  
N 545123.8044  
E 368775.2883

Prop. Curve CL80-5  
PI Sta. 8+946.934 N 545113.2571 E 368319.4028  
Δ = 20° 51' 41" (LT)  
T = 343.250 m  
R = 1,864.6000 m  
L = 678.8991 m  
E = 31.331 m  
PC Sta. 8+603.684 N 545228.0395 E 367995.9132  
PT Sta. 9+282.583 N 545121.1964 E 368662.5609  
SE = 3.0% SEE ELEVATION PLAN FOR TRANSITIONS

Prop. Curve RAMP A-3  
PI Sta. 20+609.727 N 545162.749 E 368323.503  
Δ = 12° 33' 26" (RT)  
T = 161.294 m  
R = 1,466.000 m  
L = 321.295 m  
E = 8.846 m  
PC Sta. 20+448.434 N 545161.190 E 368484.789  
PT Sta. 20+769.729 N 545199.338 E 368166.414

Prop. Curve RAMP A-2  
PI Sta. 20+396.806 N 545160.641 E 368541.618  
Δ = 42° 16' 27" (RT)  
T = 56.832 m  
R = 147.000 m  
L = 108.460 m  
E = 10.603 m  
PC Sta. 20+339.974 N 545198.462 E 368584.038  
PT Sta. 20+448.434 N 545161.190 E 368484.789

Prop. Curve CDNORTH-1  
PI Sta. 0+104.862 N 545148.576 E 368573.159  
Δ = 5° 32' 14" (LT)  
T = 88.745 m  
R = 1,835.160 m  
L = 177.352 m  
E = 2.145 m  
PC Sta. 0+016.117 N 545155.094 E 368484.654  
PT Sta. 0+193.469 N 545150.628 E 368661.880

Prop. Curve RAMP I-1  
PI Sta. 30+199.733 N 545090.383 E 368525.873  
Δ = 3° 52' 42" (LT)  
T = 55.832 m  
R = 1,649.000 m  
L = 111.623 m  
E = 0.945 m  
PC Sta. 30+143.900 N 545098.992 E 368470.709  
PT Sta. 30+255.523 N 545085.525 E 368581.494

Prop. Curve CDSOUTH-1  
PI Sta. 0+040.822 N 545090.820 E 368622.430  
Δ = 2° 28' 10" (LT)  
T = 40.822 m  
R = 1,894.040 m  
L = 81.632 m  
E = 0.440 m  
PC Sta. 0+000.000 N 545091.635 E 368581.616  
PT Sta. 0+081.632 N 545091.764 E 368663.242

Prop. Curve RAMP I-2  
PI Sta. 30+404.643 N 545072.551 E 368730.049  
Δ = 81° 16' 06" (RT)  
T = 75.516 m  
R = 88.000 m  
L = 124.819 m  
E = 27.960 m  
PC Sta. 30+329.127 N 545079.121 E 368654.819  
PT Sta. 30+453.946 N 544997.196 E 368734.975

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**ALIGNMENT PLAN**  
I-80 /94 /US 6  
STA. 8+000 TO STA. 9+395.341  
SCALE 1:1000 DRAWN BY ACE/CAD  
DATE 07/05 CHECKED BY TAE  
**AMERICAN**  
CONSULTING ENGINEERS

ALL DIMENSIONS IN METERS EXCEPT PA  
ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	46
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

BM\* 6E SQUARE CUT IN NORTHWEST CORNER OF SOUTHWEST HANDRAIL (J-WALL) AT THE SOUTHWEST ABUTMENT OF I-80 BRIDGE OVER BURNHAM AVENUE. STATION 6+741.2 OFFSET 18.0 RT ELEVATION = 187.309

TBM\* 101 SET CUT BOX TOP OF BARRIER WALL ON WESTBOUND I-80. NORTHWEST CORNER OF WALL AT EMERGENCY ACCESS (JACKSON AVENUE), 421.3M WEST OF TBM 100, MILE MARKER 0.6. STATION 8+927.1 OFFSET 28.4 LT ELEVATION = 183.680

TBM\* 102 SET CUT BOX AT NORTHEAST CORNER OF NORTHEAST WINGWALL OVER LITTLE CALUMET RIVER BRIDGE, WESTBOUND I-80 MILE MARKER 0.4. STATION 8+587.3 OFFSET 22.4 LT ELEVATION = 191.619

TBM\* 103 SET CUT BOX AT SOUTHWEST CORNER OF NORTHWEST WINGWALL OVER LITTLE CALUMET RIVER BRIDGE, WESTBOUND I-80 +/- 70M EAST OF MILE MARKER 0.2. STATION 8+407.2 OFFSET 20.6 LT ELEVATION = 191.662

TBM\* 106 CHISELED X ON SIGN BOLT (SOUTHWEST). SIGN READS "CALUMET CITY LANSING EXIT 161" WESTBOUND I-80 ACROSS FROM MILE MARKER 163.01; LIGHT POLE \*AD3. STATION 7+145.5 OFFSET 20.0 LT ELEVATION = 182.212

TBM\* 208 CHISELED BOX ON SOUTHEAST CORNER OF CONCRETE BASE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SYSTEM CONTROL BOX, LOCATED SOUTH SIDE OF I-80 +/- 200M WEST OF WENTWORTH AVENUE. STATION 7+427.8 OFFSET 28.4 RT ELEVATION = 182.074

TBM\* 209 CHISELED SQUARE IN TOP OF CONCRETE BARRIER WALL +/- 1.2 M EAST OF THE WEST END AND AT THE WEST END OF THE SOUTH PIER OF WENTWORTH AVE BRIDGE OVER I-80. ELEVATION = 181.597

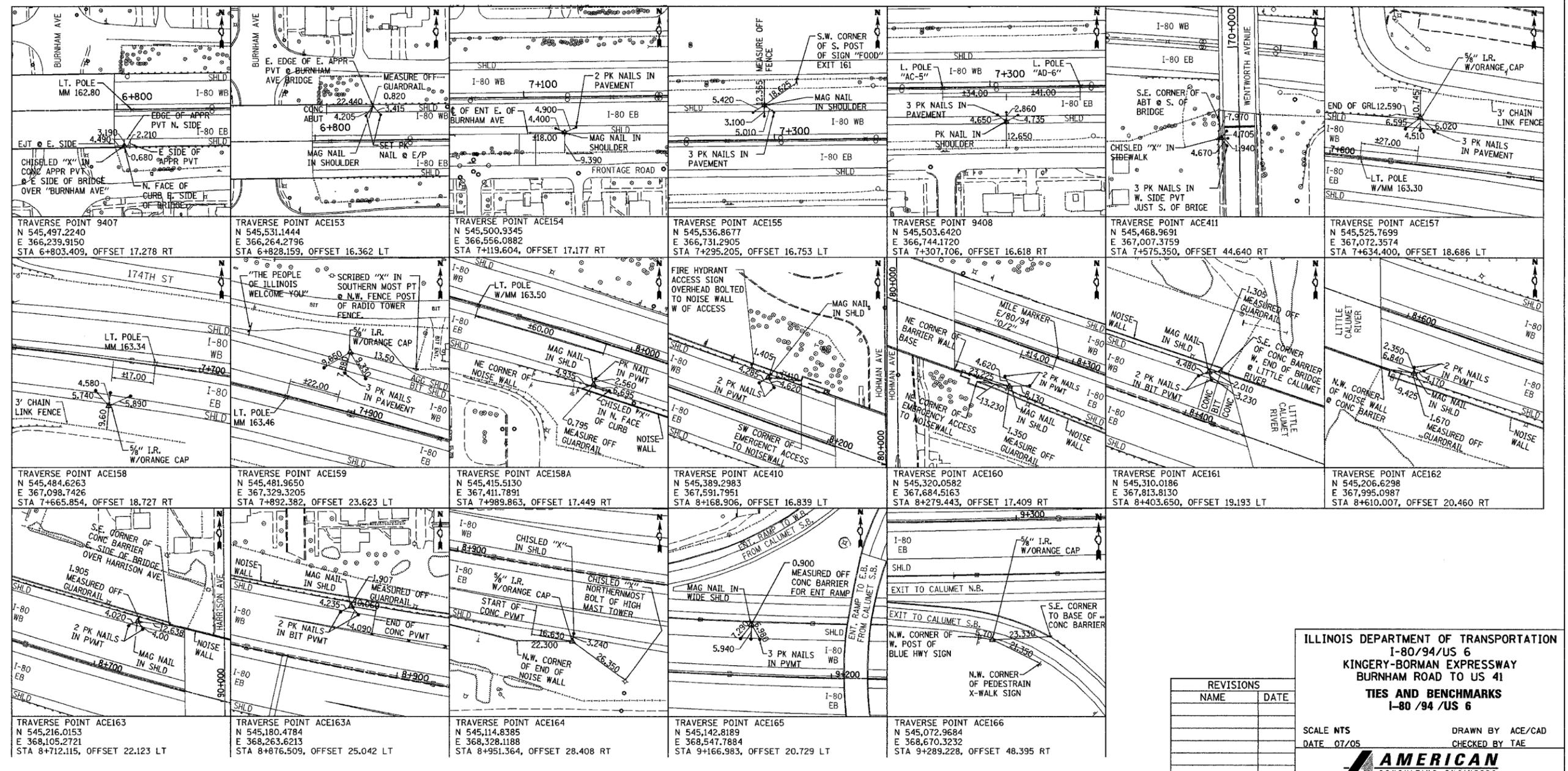
TBM\* 210 CHISELED BOX ON SOUTH FACE OF METAL BASE OF LIGHT POLE \*AC12 ON CENTER OF JERSEY WALL +/- 200 M EAST OF WENTWORTH AVENUE. STATION 7+809.5 OFFSET 0.0 ELEVATION = 183.748

TBM\* 211 CHISELED SQUARE IN NORTHEAST CORNER OF CONCRETE RETAINING WALL FOUNDATION +/- 50 M EAST OF THE ILLINOIS/INDIANA STATE LINE SOUTH SIDE EASTBOUND I-80. ELEVATION = 182.386

TBM\* 212 CHISELED SQUARE IN NORTHEAST CORNER OF THE SOUTHEAST WINGWALL EASTBOUND I-80 BRIDGE OVER HOHMAN AVE. ELEVATION = 189.171

TBM\* 213 CHISELED SQUARE IN NORTHEAST CORNER OF THE SOUTHEAST WINGWALL EASTBOUND I-80 BRIDGE OVER THE LITTLE CALUMET RIVER. ELEVATION = 191.392

TBM\* 214 CHISELED SQUARE IN NORTHWEST CORNER AT THE WEST END OF THE CONCRETE BARRIER WALL AT THE EAST END OF THE IMPACT ATTENUATOR SYSTEM +/- 14 M WEST OF THE "HAMMOND/MUNSTER" SIGN SOUTH SIDE OF EASTBOUND I-80 EXIT RAMP TO CALUMET AVE. ELEVATION = 182.891



ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
TIES AND BENCHMARKS  
I-80 /94 /US 6

REVISIONS	
NAME	DATE

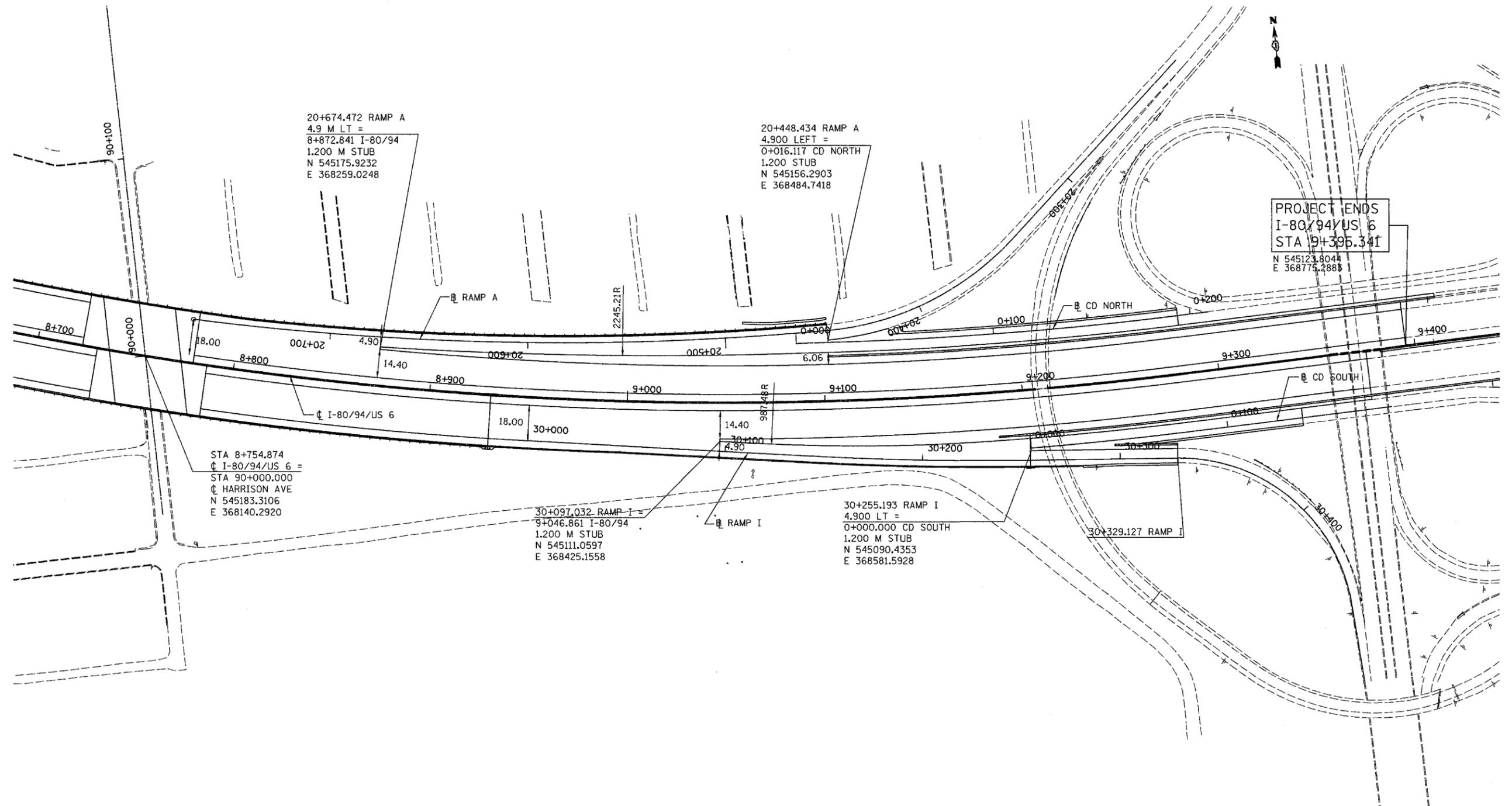
SCALE NTS  
DATE 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



20+674.472 RAMP A  
 4.9 M LT =  
 8+872.841 I-80/94  
 1.200 M STUB  
 N 545175.9232  
 E 368259.0248

20+448.434 RAMP A  
 4.900 LEFT =  
 0+016.117 CD NORTH  
 1.200 STUB  
 N 545156.2903  
 E 368484.7418

PROJECT ENDS  
 I-80/94/US 6  
 STA 9+395.341  
 N 545123.8044  
 E 368775.2888

STA 8+754.874  
 C I-80/94/US 6 =  
 STA 90+000.000  
 C HARRISON AVE  
 N 545183.3106  
 E 368140.2920

30+097.032 RAMP I =  
 9+046.861 I-80/94  
 1.200 M STUB  
 N 545111.0597  
 E 368425.1558

30+255.193 RAMP I  
 4.900 LT =  
 0+000.000 CD SOUTH  
 1.200 M STUB  
 N 545090.4353  
 E 368581.5928

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**CALUMET AVENUE (US-41)  
 INTERCHANGE LAYOUT**

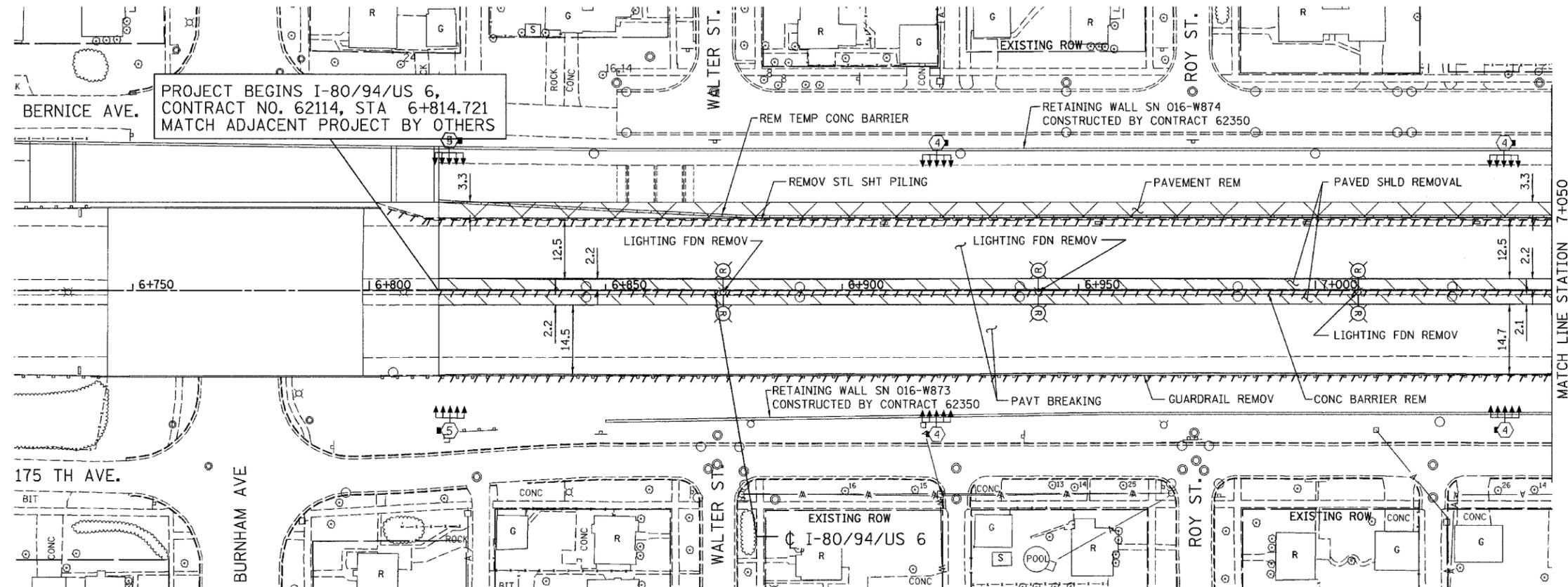
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DRAWN BY ACE/CAD  
 CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

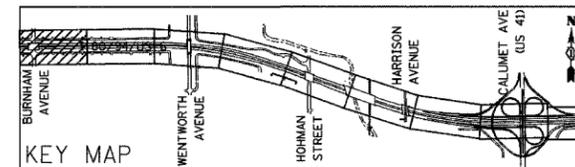
ALL DIMENSIONS IN METERS EXCEPT PAV  
ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	48
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



EXISTING LEGEND:

-  LIGHT POLE REMOVAL (BY CONTRACT 62664)
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  APPROACH SLAB REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**EXISTING PLAN**

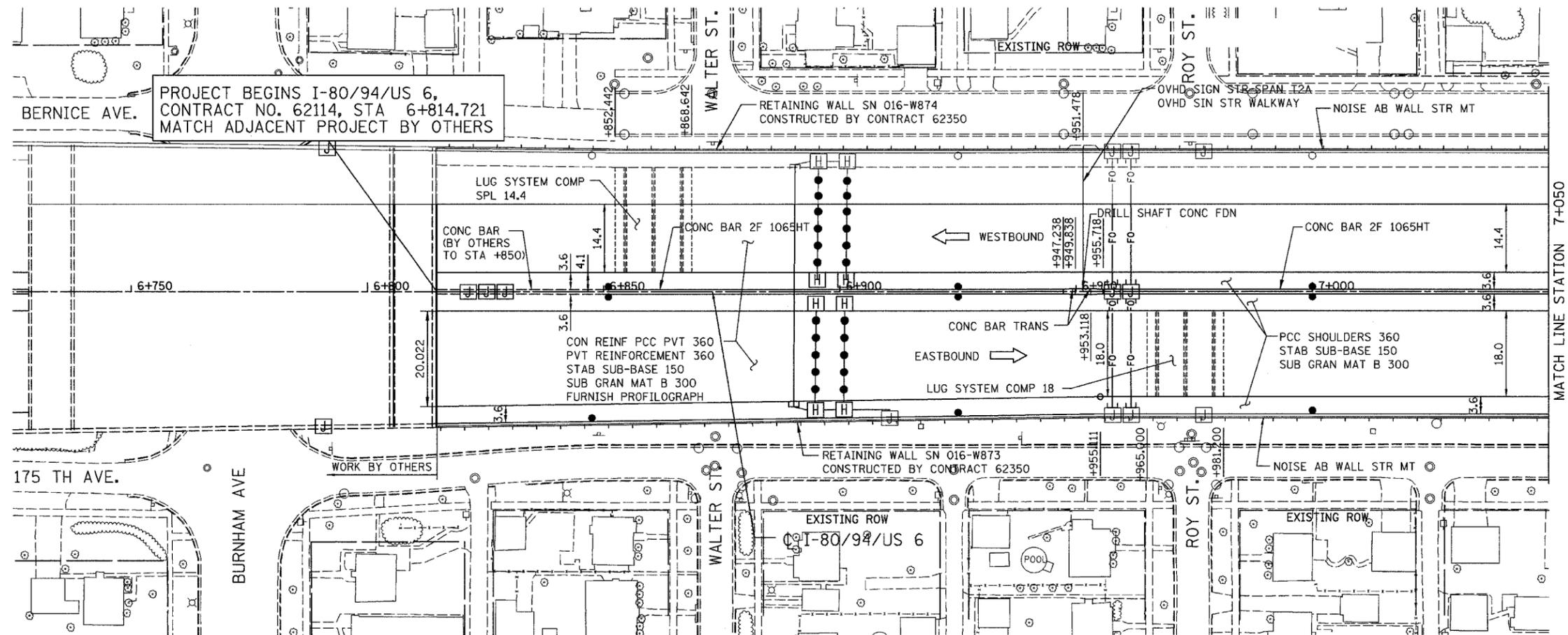
**STA. 6 + 814.721 TO STA. 7 + 050**  
SCALE 1:500  
DATE 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE



ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	49
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

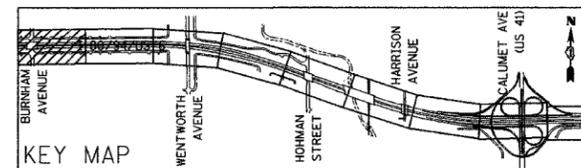


PROJECT BEGINS I-80/94/US 6,  
CONTRACT NO. 62114, STA 6+814.721  
MATCH ADJACENT PROJECT BY OTHERS

PROPOSED LEGEND:

- NOISE ABATEMENT (SOUND) WALL
- QC/QA PCCP 330
- SUBBASE PCCP 225 (IN)
- SUBGRD TRMT T1A (IN)

NOTE: FOR ELECTRICAL WORK IN CONTRACT, SEE "ELECTRICAL INSTALLATION PLANS".  
FOR ELECTRICAL WORK BY OTHERS, SUBJECT TO CONTRACTOR MODIFICATION,  
SEE "EXISTING LIGHTING PLAN" SHEETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**PROPOSED PLAN**

**STA. 6 + 814.721 TO STA. 7 + 050**

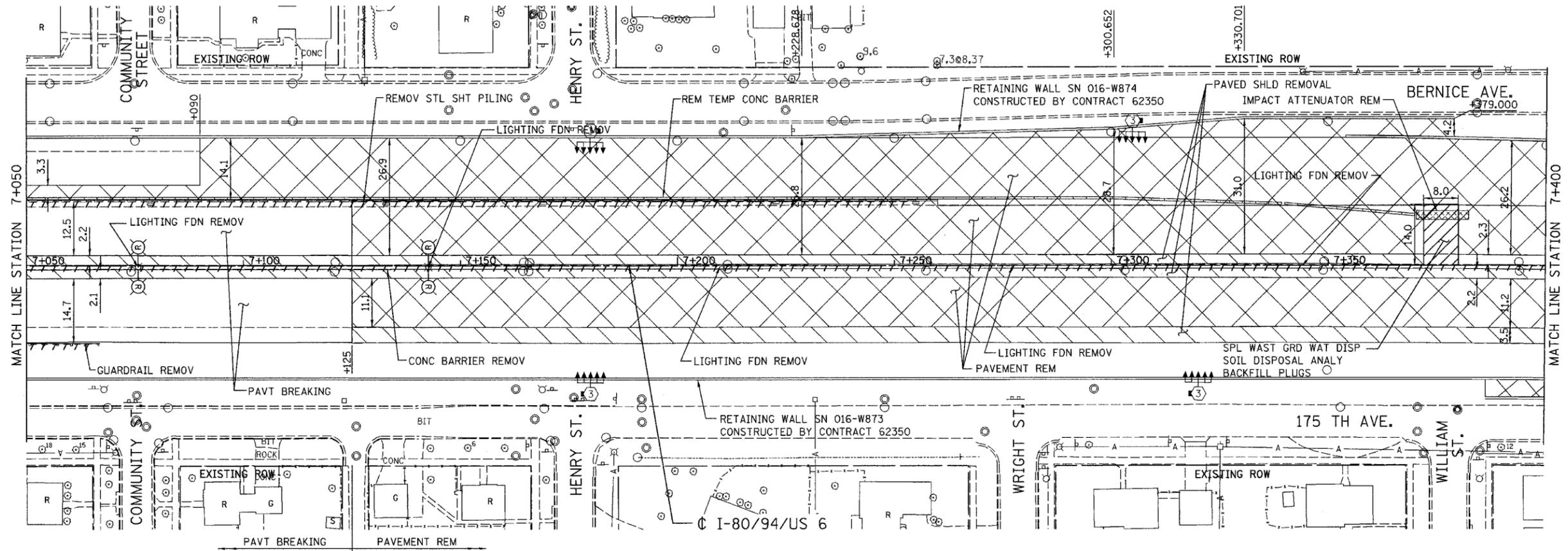
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DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

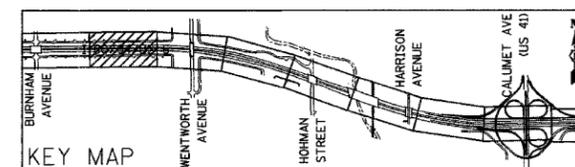
ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



EXISTING LEGEND:

-  LIGHT POLE REMOVAL (BY CONTRACT 62664)
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  APPROACH SLAB REMOVAL



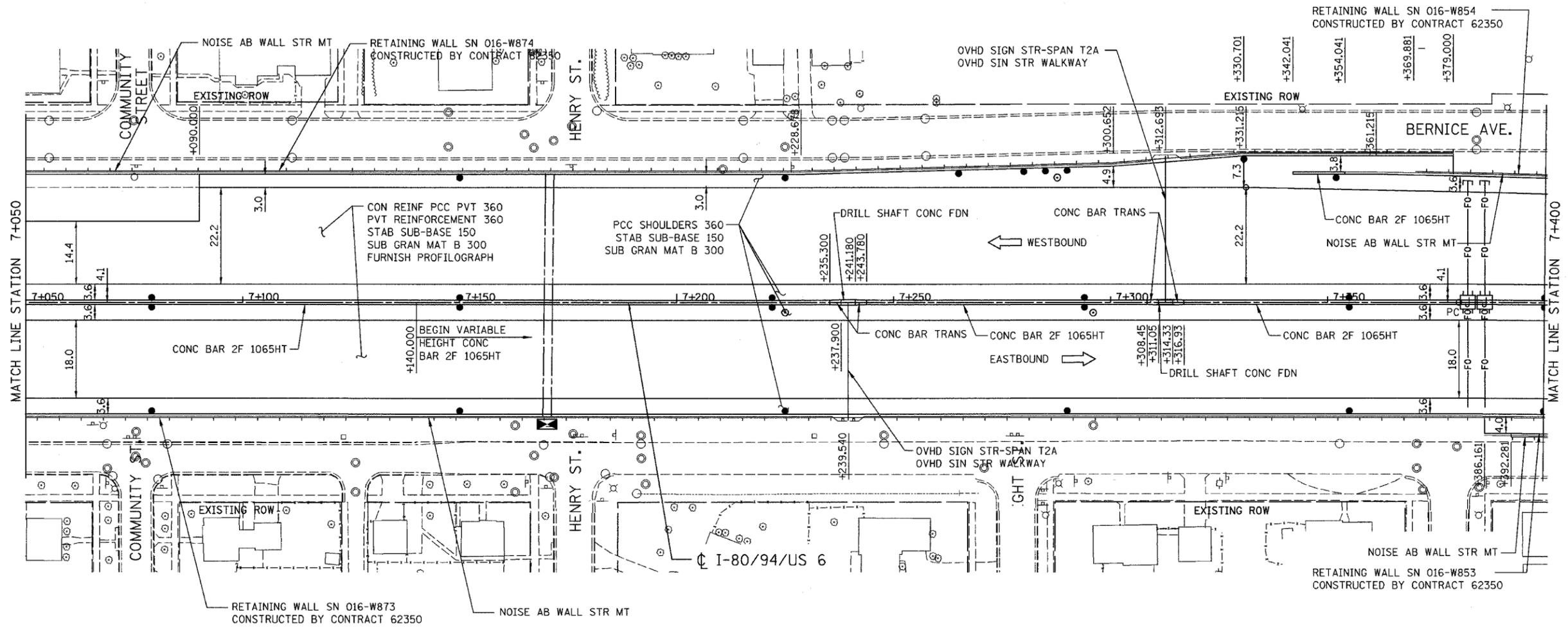
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**EXISTING PLAN**  
 STA. 7+050 TO STA. 7+400  
 SCALE 1:500 DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE



ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

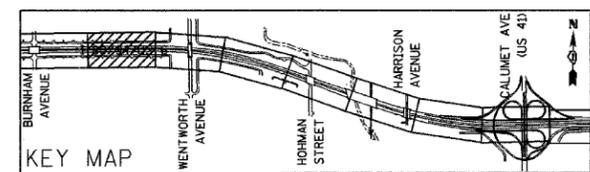
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	51
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



PROPOSED LEGEND:

- NOISE ABATEMENT (SOUND) WALL
- OC/OA PCCP 330
- SUBBASE PCCP 225 (IN)
- SUBGRD TRTMT T1A (IN)

NOTE: FOR ELECTRICAL WORK IN CONTRACT, SEE "ELECTRICAL INSTALLATION PLANS".  
FOR ELECTRICAL WORK BY OTHERS, SUBJECT TO CONTRACTOR MODIFICATION,  
SEE "EXISTING LIGHTING PLAN" SHEETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**PROPOSED PLAN**

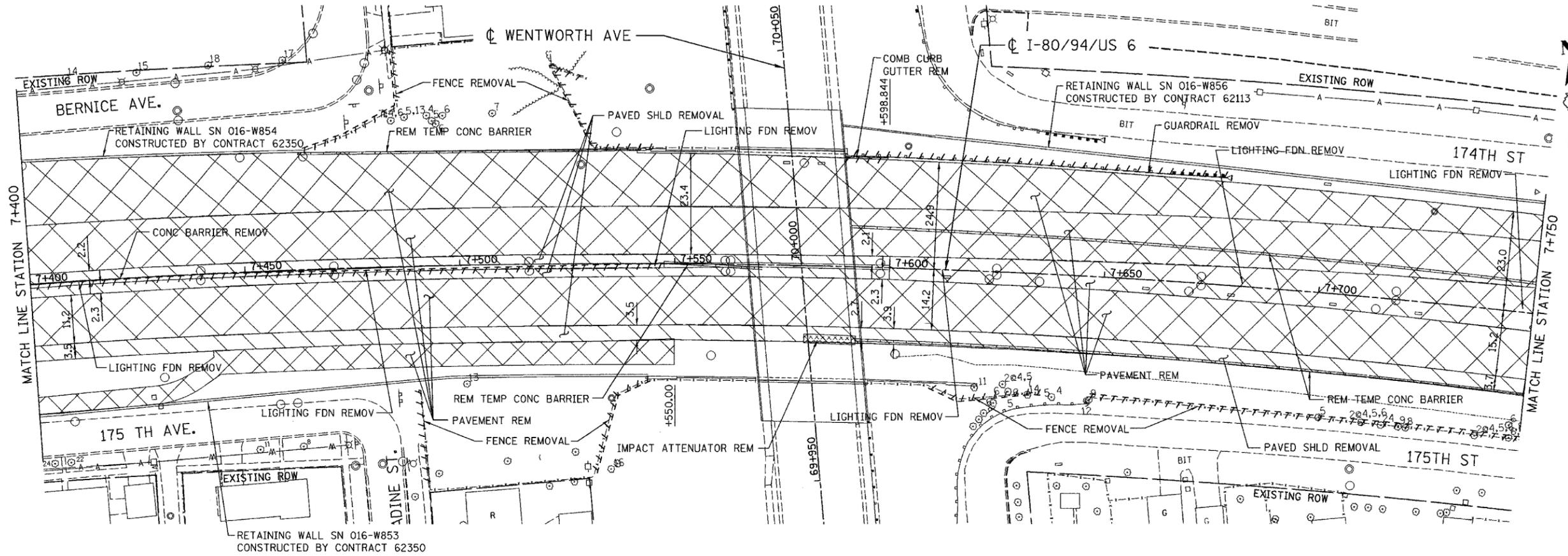
**STA. 7+050 TO STA. 7+400**

SCALE 1:500 DRAWN BY ACE/CAD  
DATE 07/05 CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

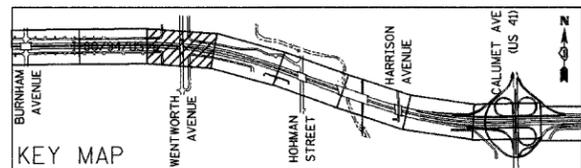
ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	52
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



EXISTING LEGEND:

-  LIGHT POLE REMOVAL (BY CONTRACT 62664)
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  APPROACH SLAB REMOVAL



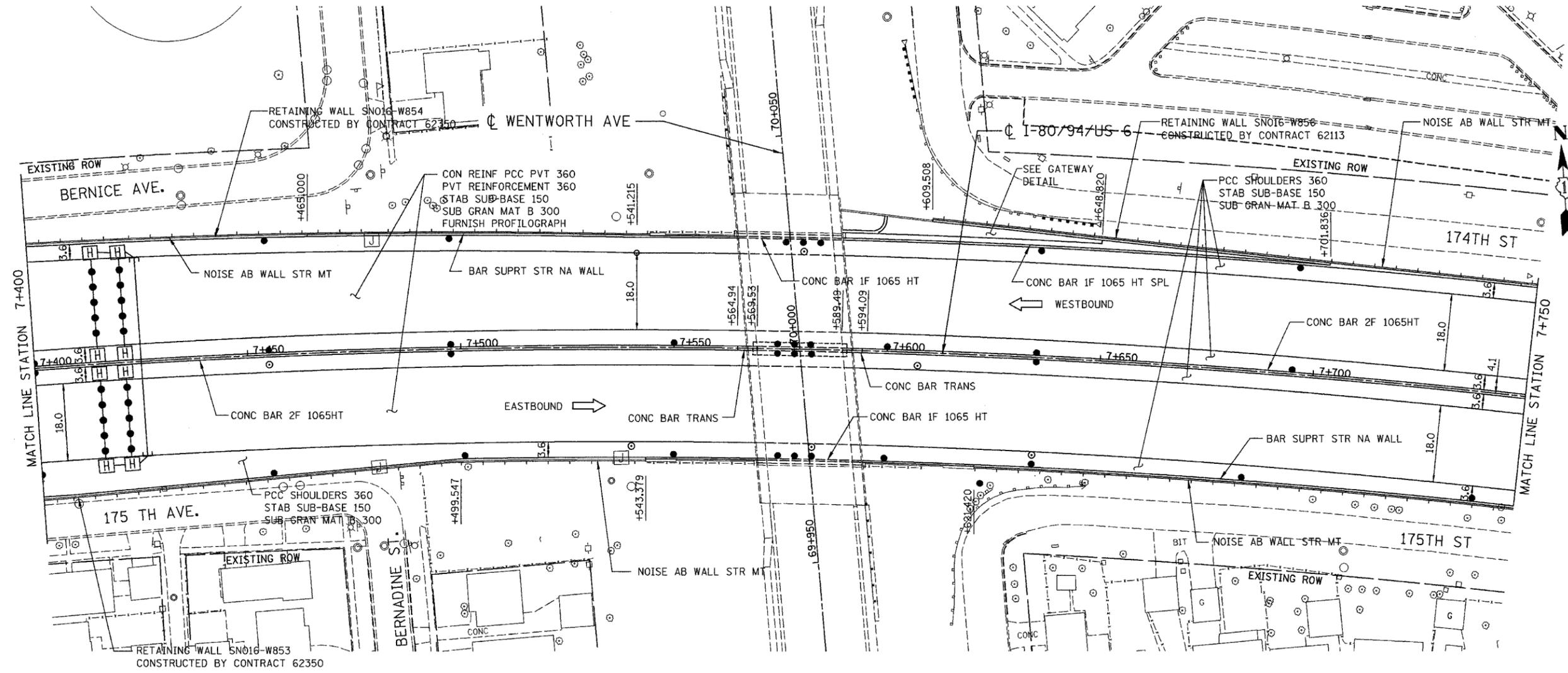
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**EXISTING PLAN**  
 STA. 7+400 TO STA. 7+750  
 SCALE 1:500 DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE



ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

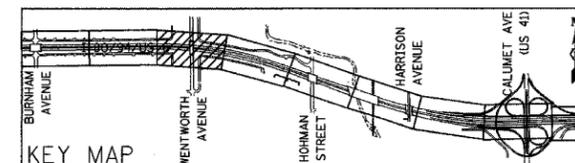
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	53
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



**PROPOSED LEGEND:**

- NOISE ABATEMENT (SOUND) WALL
- QC/OA PCCP 330  
SUBBASE PCCP 225 (IN)  
SUBGRD TRTMT T1A (IN)

NOTE: FOR ELECTRICAL WORK IN CONTRACT, SEE "ELECTRICAL INSTALLATION PLANS".  
FOR ELECTRICAL WORK BY OTHERS, SUBJECT TO CONTRACTOR MODIFICATION,  
SEE "EXISTING LIGHTING PLAN" SHEETS.



REVISIONS	
NAME	DATE

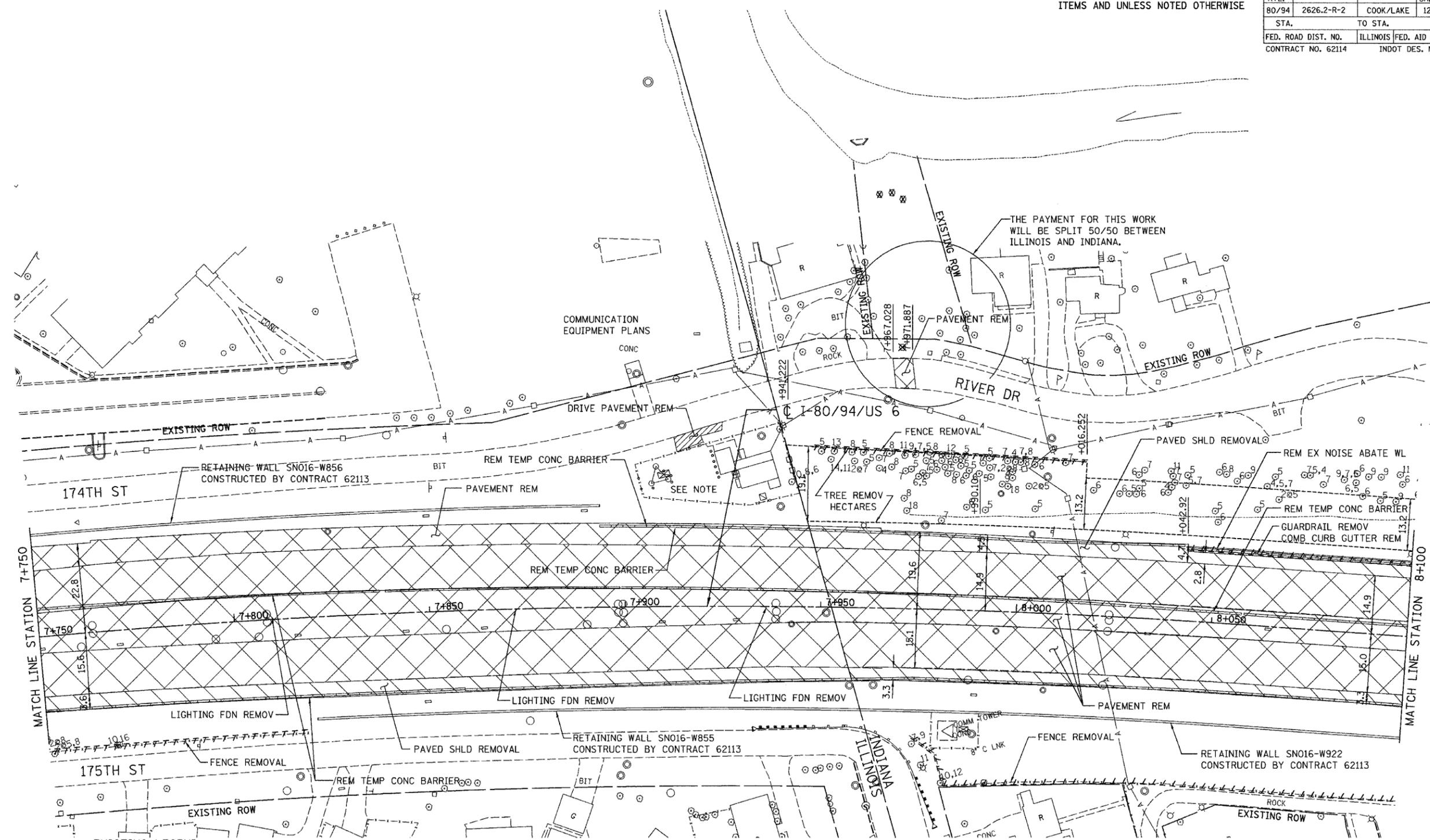
**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
**I-80/94/US 6**  
**KINGERY-BORMAN EXPRESSWAY**  
**BURNHAM ROAD TO US 41**  
**PROPOSED PLAN**

**STA. 7+400 TO STA. 7+750**  
 SCALE 1:500 DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

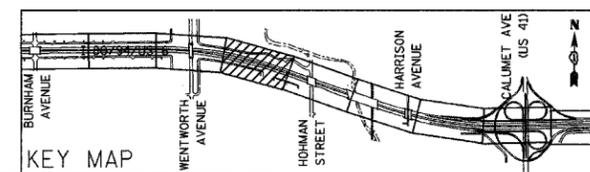
ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	54
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



- EXISTING LEGEND:**
- LIGHT POLE REMOVAL (BY CONTRACT 62664)
  - PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - APPROACH SLAB REMOVAL

NOTE: SEE ILLINOIS PUMP STATION EXISTING / PROPOSED PLAN FOR REMOVAL INFORMATION



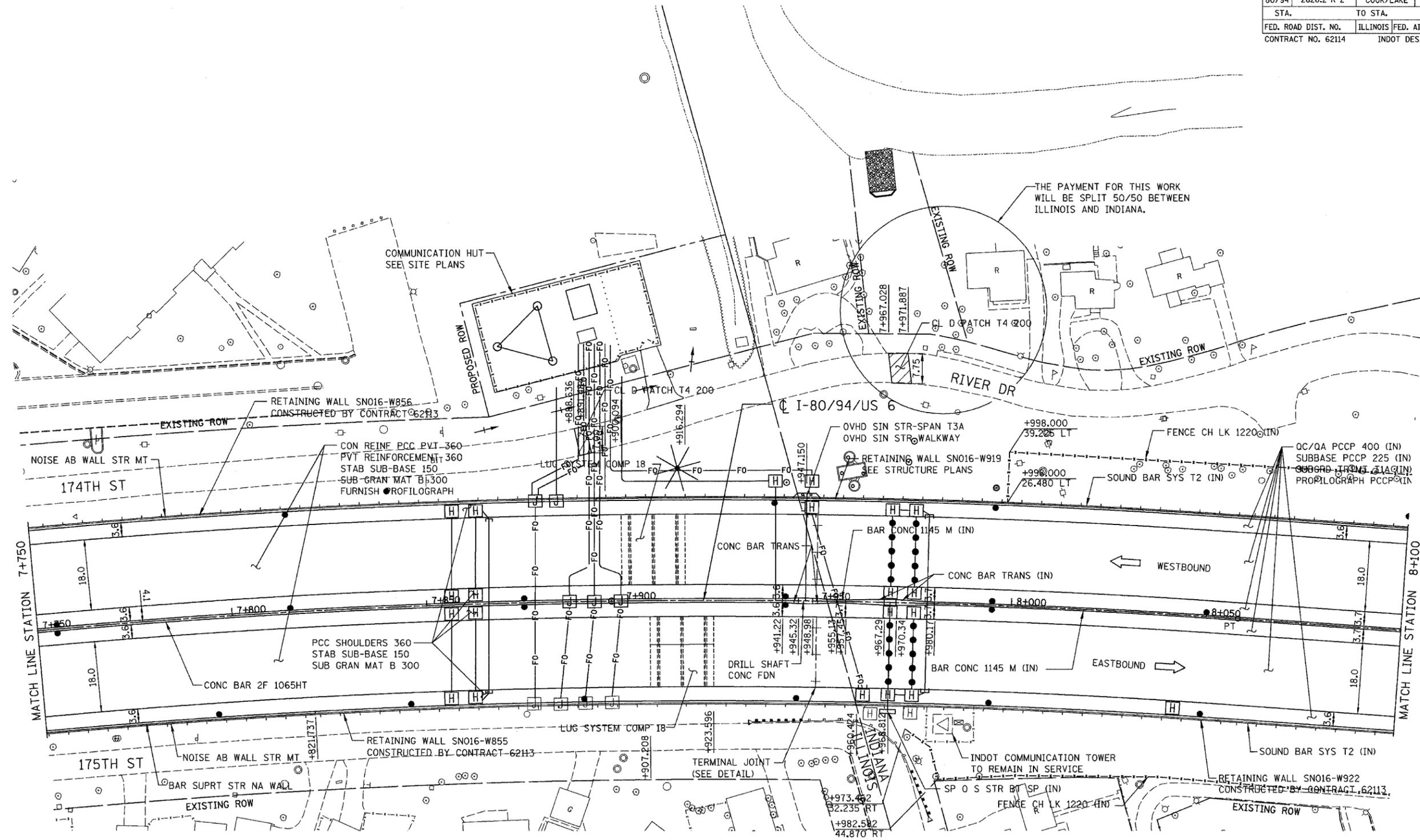
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**EXISTING PLAN**  
 STA. 7+750 TO STA. 8+100  
 SCALE 1:500 DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE  
**AMERICAN**  
 CONSULTING ENGINEERS



ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	55
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

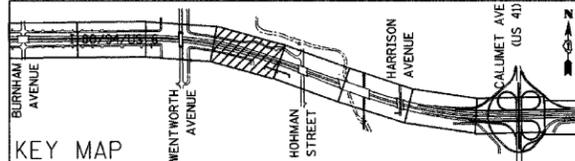


**PROPOSED LEGEND:**

- NOISE ABATEMENT (SOUND) WALL
- QC/QA PCCP 330
- SUBBASE PCCP 225 (IN)
- SUBGRD TRTMT T1A (IN)

NOTE: MONUMENTS SHALL BE SET IN THE MEDIAN BARRIER AT THE PC AND PT POINTS ALONG THE CENTERLINE OF I-80/94 WITHIN THE INDIANA PROJECT LIMITS. THE WORK SHALL BE PAID FOR AS "MONUMENT, D (INDIANA)" AT A QUANTITY OF 3 EACH.

NOTE: FOR ELECTRICAL WORK IN CONTRACT, SEE "ELECTRICAL INSTALLATION PLANS". FOR ELECTRICAL WORK BY OTHERS, SUBJECT TO CONTRACTOR MODIFICATION, SEE "EXISTING LIGHTING PLAN" SHEETS.



REVISIONS	
NAME	DATE

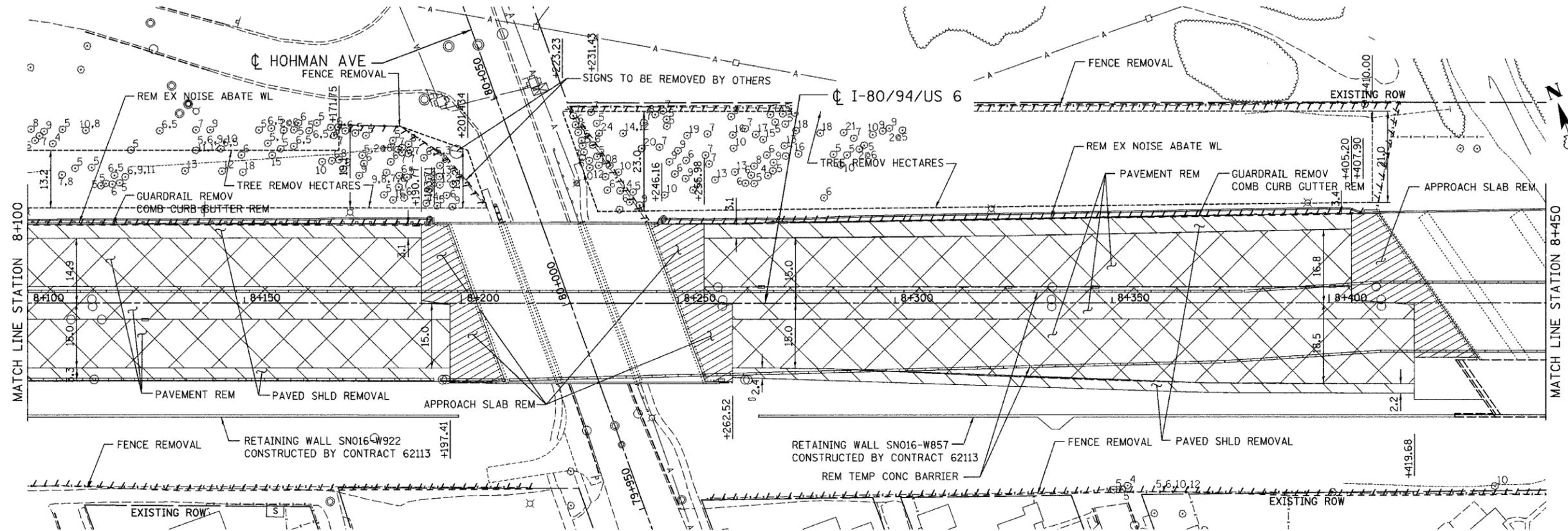
**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
**I-80/94/US 6**  
**KINGERY-BORMAN EXPRESSWAY**  
**BURNHAM ROAD TO US 41**  
**PROPOSED PLAN**

**STA. 7+750 TO STA. 8+100**  
 SCALE 1:500 DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE

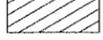
**AMERICAN**  
 CONSULTING ENGINEERS

ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

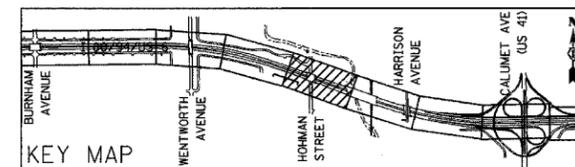
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	56
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



EXISTING LEGEND:

-  LIGHT POLE REMOVAL (BY CONTRACT 62664)
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  APPROACH SLAB REMOVAL

NOTE: SEE HOHMAN AVENUE EXISTING/PROPOSED PLAN FOR REMOVAL INFORMATION



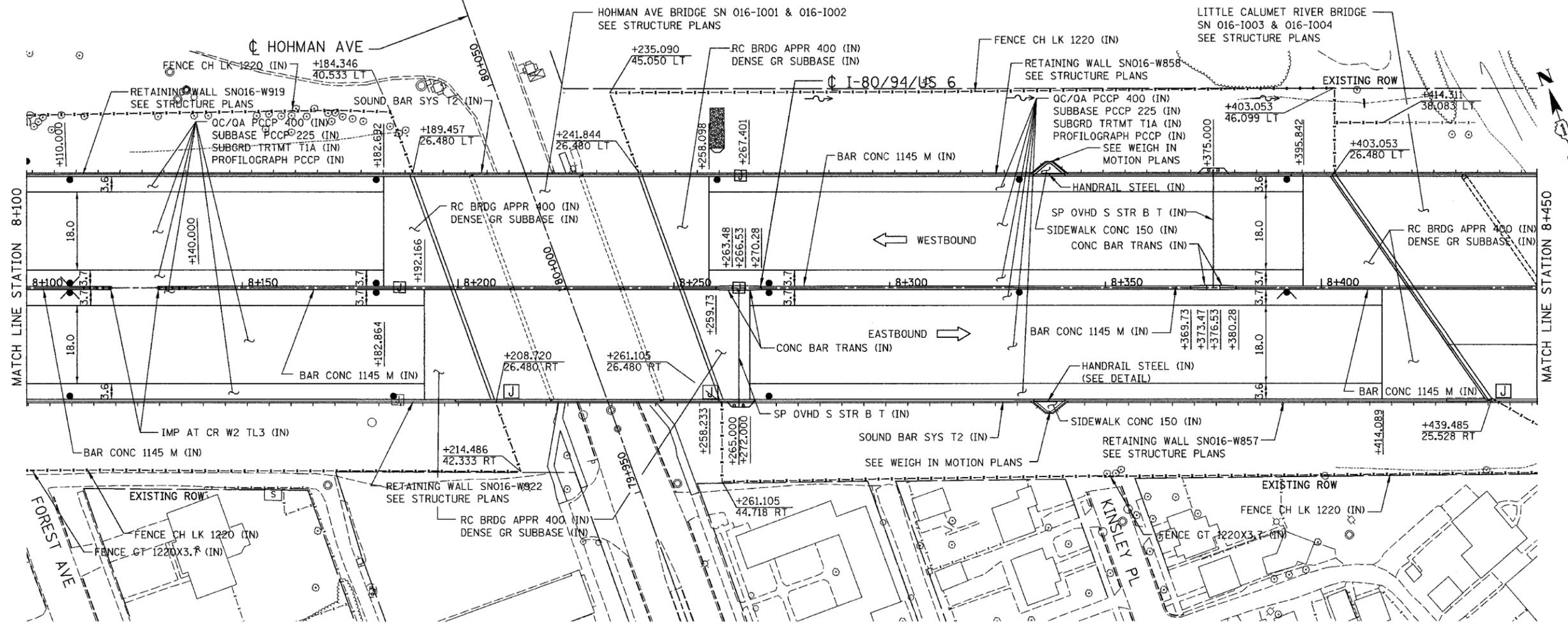
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**EXISTING PLAN**  
 STA. 8+100 TO STA. 8+450  
 SCALE 1:500  
 DATE 07/05  
 DRAWN BY ACE/CAD  
 CHECKED BY TAE



ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

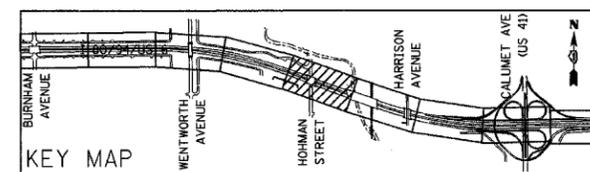
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	57
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



PROPOSED LEGEND:

- NOISE ABATEMENT (SOUND) WALL
- QC/OA PCCP 330  
SUBBASE PCCP 225 (IN)  
SUBGRD TRTMT T1A (IN)

NOTE: FOR ELECTRICAL WORK IN CONTRACT, SEE "ELECTRICAL INSTALLATION PLANS".  
FOR ELECTRICAL WORK BY OTHERS, SUBJECT TO CONTRACTOR MODIFICATION,  
SEE "EXISTING LIGHTING PLAN" SHEETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**PROPOSED PLAN**

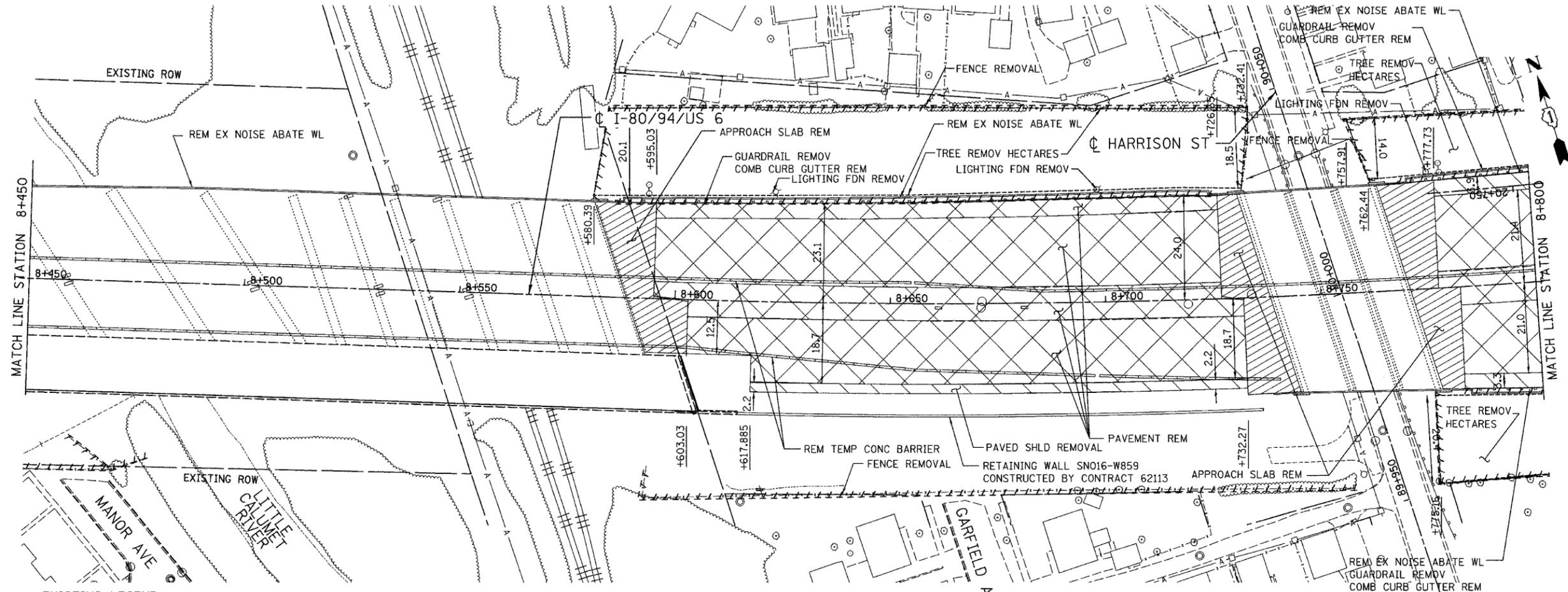
**STA. 8+100 TO STA. 8+450**

SCALE 1:500 DRAWN BY ACE/CAD  
DATE 07/05 CHECKED BY TAE

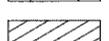
**AMERICAN**  
CONSULTING ENGINEERS

ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	58
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

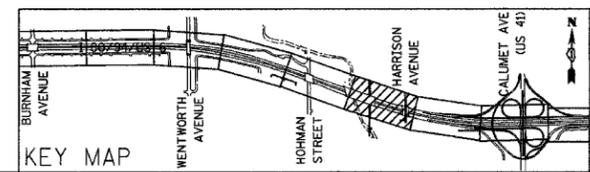


EXISTING LEGEND:

-  LIGHT POLE REMOVAL (BY CONTRACT 62664)
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  APPROACH SLAB REMOVAL

NOTE:

1. SEE HARRISON STREET EXISTING/PROPOSED PLAN FOR REMOVAL INFORMATION
2. EASTBOUND OUTSIDE LANES OF LITTLE CALUMET RIVER BRIDGE CONSTRUCTED IN CONTRACT 62113



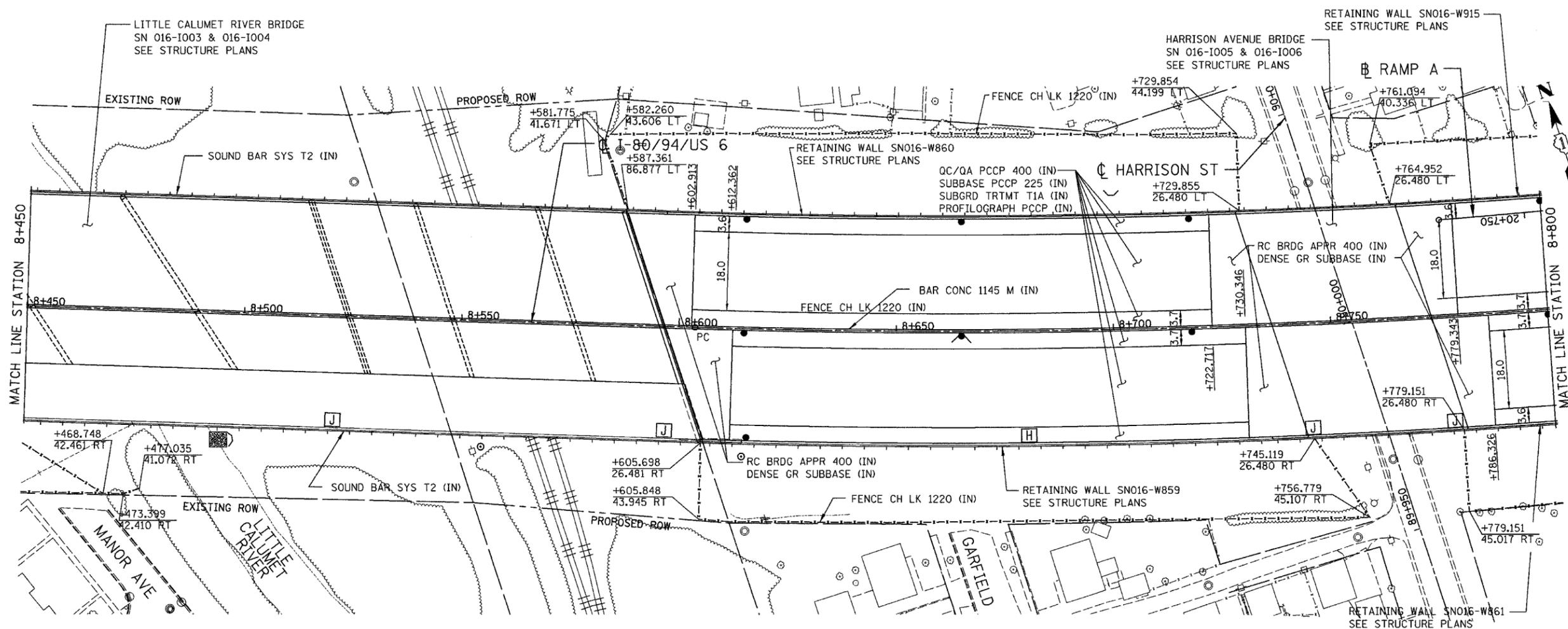
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**EXISTING PLAN**  
 STA. 8+450 TO STA. 8+800  
 SCALE 1:500 DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE



ALL DIMENSIONS IN METERS EXCEPT PAV  
ITEMS AND UNLESS NOTED OTHERWISE

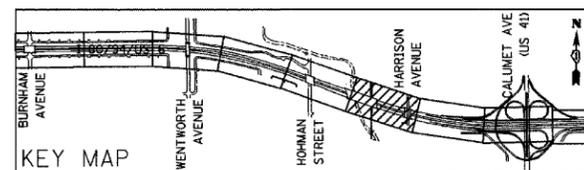
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	59
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



PROPOSED LEGEND:

- NOISE ABATEMENT (SOUND) WALL
- QC/QA PCCP 330
- SUBBASE PCCP 225 (IN)
- SUBGRD TRTMT T1A (IN)

NOTE: FOR ELECTRICAL WORK IN CONTRACT, SEE "ELECTRICAL INSTALLATION PLANS".  
FOR ELECTRICAL WORK BY OTHERS, SUBJECT TO CONTRACTOR MODIFICATION,  
SEE "EXISTING LIGHTING PLAN" SHEETS.



REVISIONS	
NAME	DATE

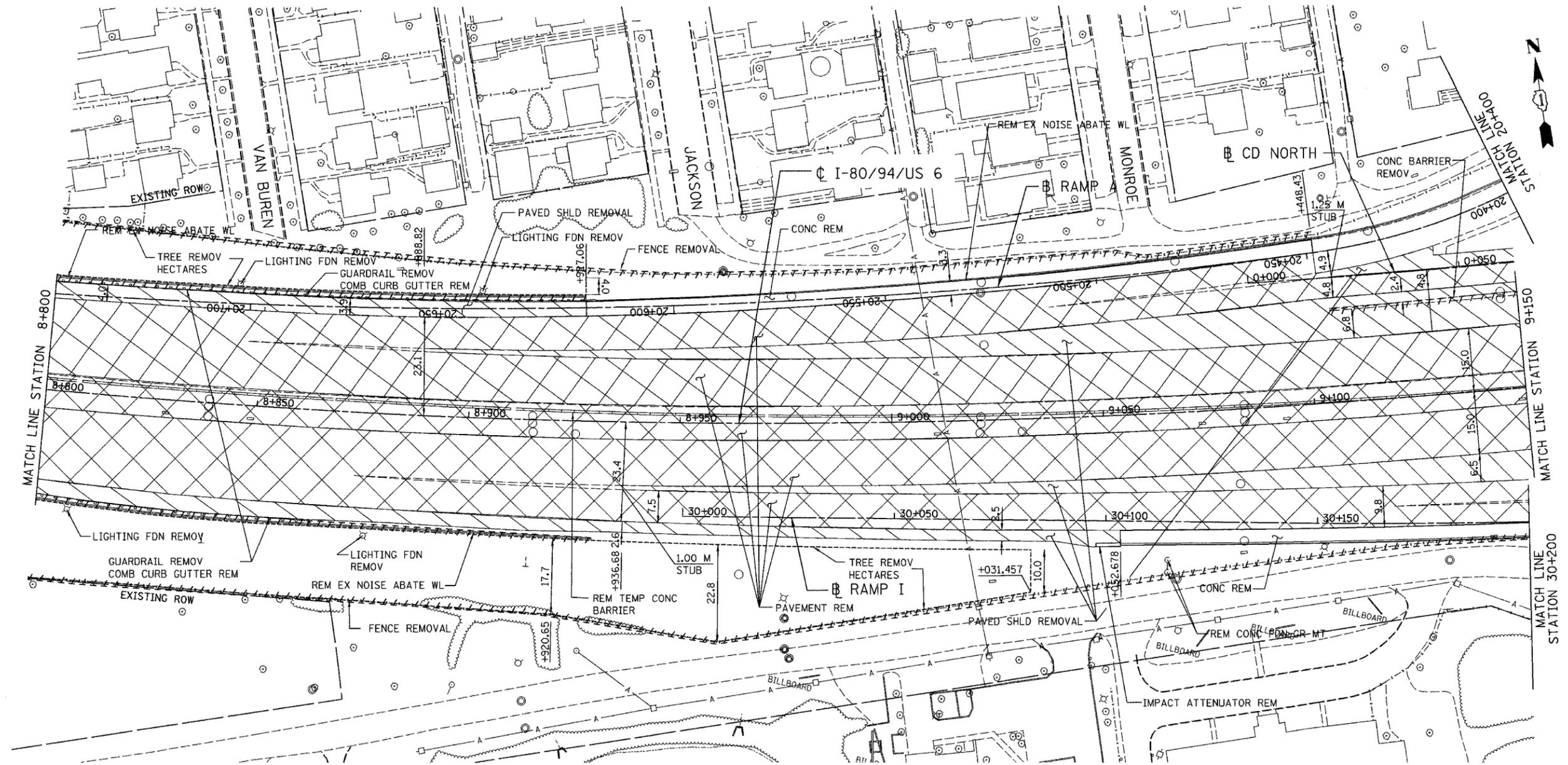
ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**PROPOSED PLAN**

**STA. 8+450 TO STA. 8+800**  
SCALE 1:500  
DATE 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE

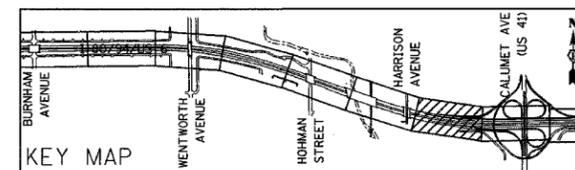
ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	60
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



EXISTING LEGEND:

-  LIGHT POLE REMOVAL (BY CONTRACT 62664)
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  APPROACH SLAB REMOVAL



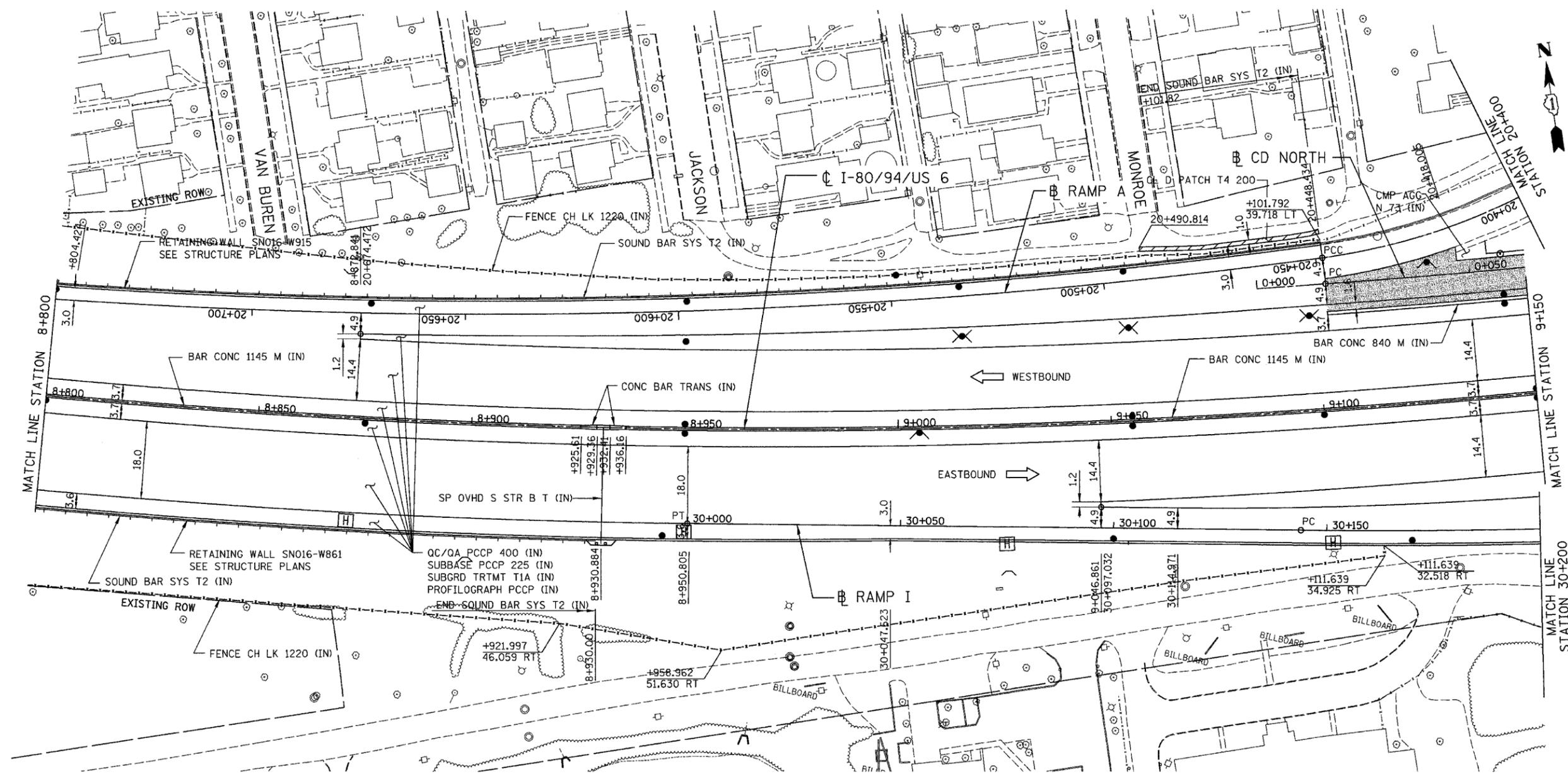
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**EXISTING PLAN**  
 STA. 8+800 TO STA. 9+150  
 SCALE 1:500 DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

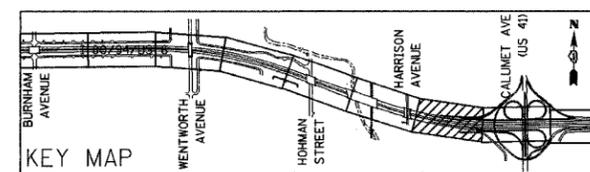
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	61
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



PROPOSED LEGEND:

- NOISE ABATEMENT (SOUND) WALL
- QC/QA PCCP 330  
SUBBASE PCCP 225 (IN)  
SUBGRD TRTMT T1A (IN)

NOTE: FOR ELECTRICAL WORK IN CONTRACT, SEE "ELECTRICAL INSTALLATION PLANS".  
FOR ELECTRICAL WORK BY OTHERS, SUBJECT TO CONTRACTOR MODIFICATION,  
SEE "EXISTING LIGHTING PLAN" SHEETS.



REVISIONS	
NAME	DATE

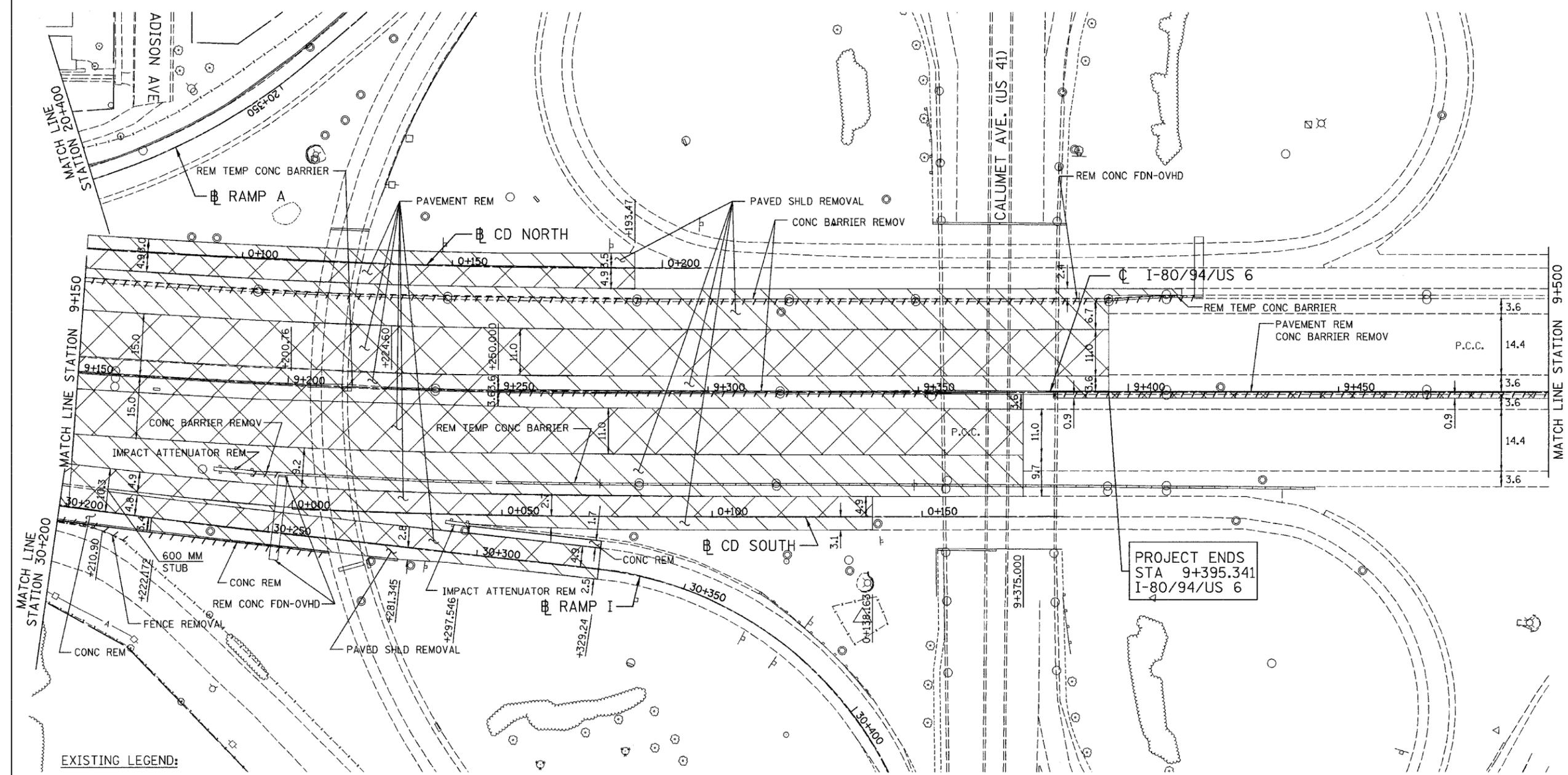
ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**PROPOSED PLAN**

**STA. 8+800 TO STA. 9+150**  
SCALE 1:500 DRAWN BY ACE/CAD  
DATE 07/05 CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

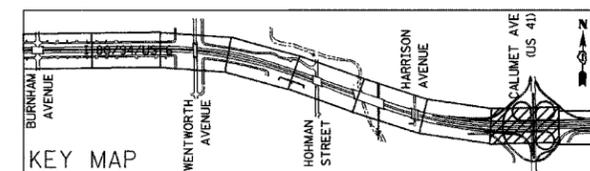
ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	62
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



EXISTING LEGEND:

-  LIGHT POLE REMOVAL (BY CONTRACT 62664)
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  APPROACH SLAB REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**EXISTING PLAN**

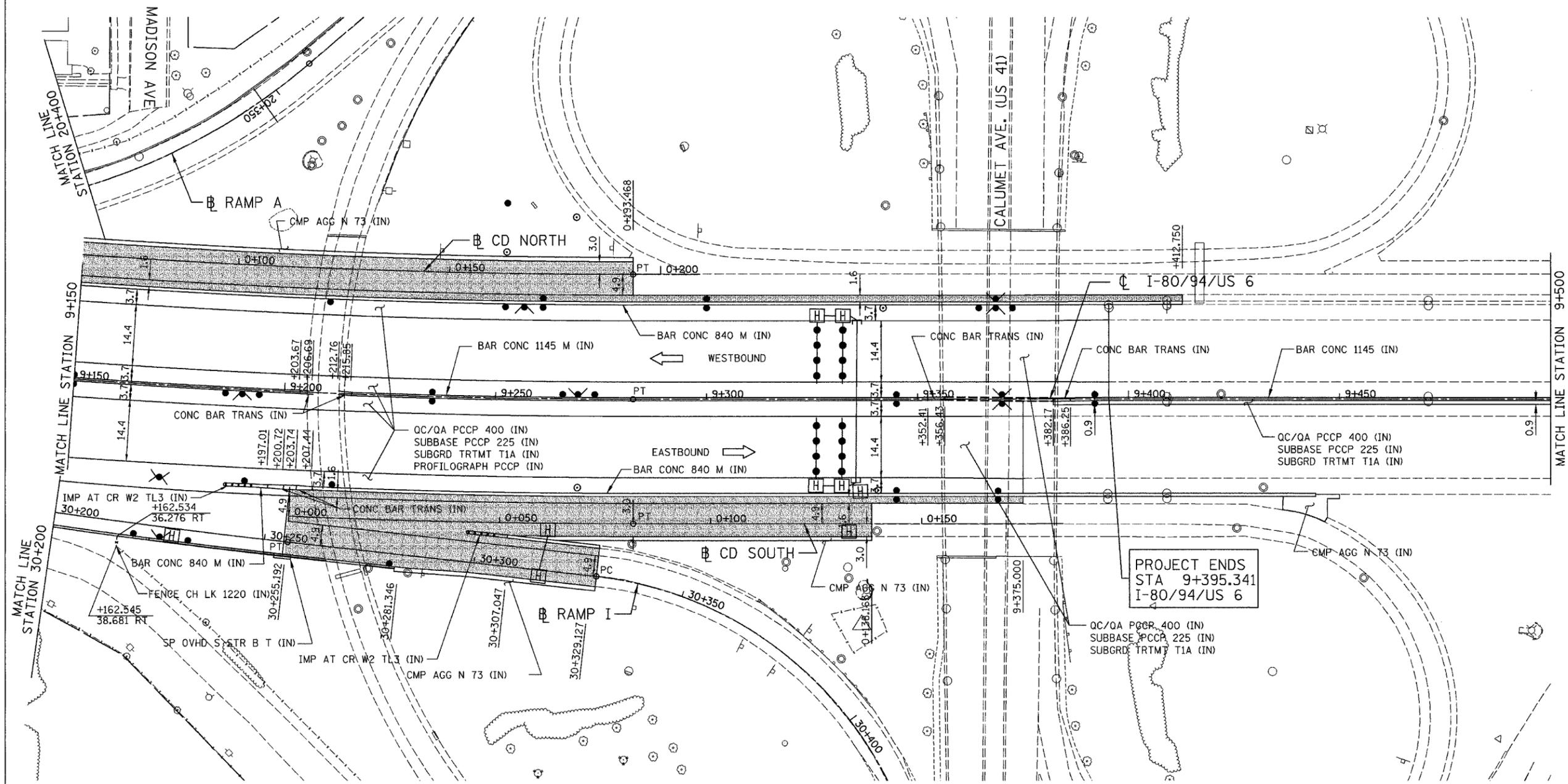
**STA. 9+150 TO STA. 9+500**

SCALE 1:500 DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE




ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

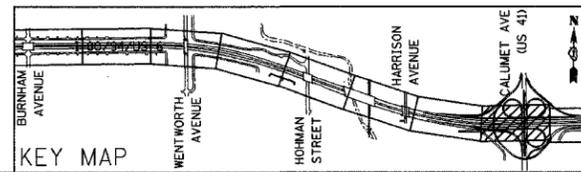
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	63
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



PROPOSED LEGEND:

- NOISE ABATEMENT (SOUND) WALL
- QC/QA PCCP 330  
SUBBASE PCCP 225 (IN)  
SUBGRD TRTMT T1A (IN)

NOTE: FOR ELECTRICAL WORK IN CONTRACT, SEE "ELECTRICAL INSTALLATION PLANS".  
FOR ELECTRICAL WORK BY OTHERS, SUBJECT TO CONTRACTOR MODIFICATION,  
SEE "EXISTING LIGHTING PLAN" SHEETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**PROPOSED PLAN**

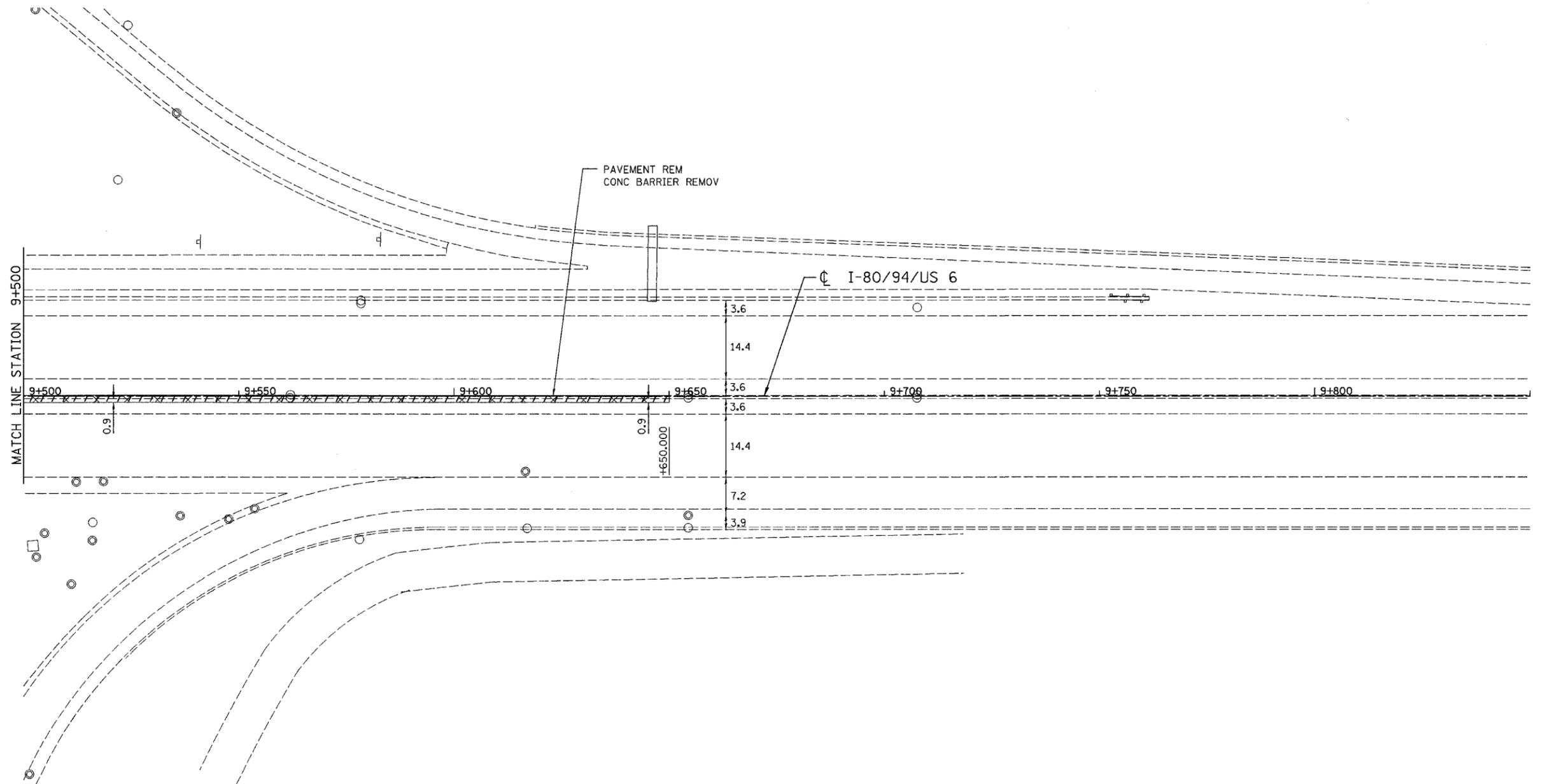
**STA. 9+150 TO STA. 9+500**  
SCALE 1:500  
DATE 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE

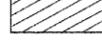


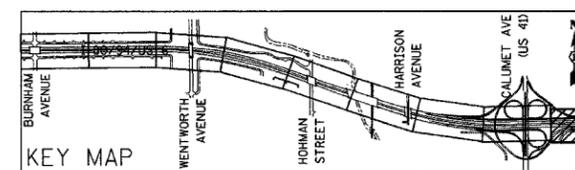
ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	64
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



EXISTING LEGEND:

-  LIGHT POLE REMOVAL (BY CONTRACT 62664)
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  APPROACH SLAB REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**EXISTING PLAN**

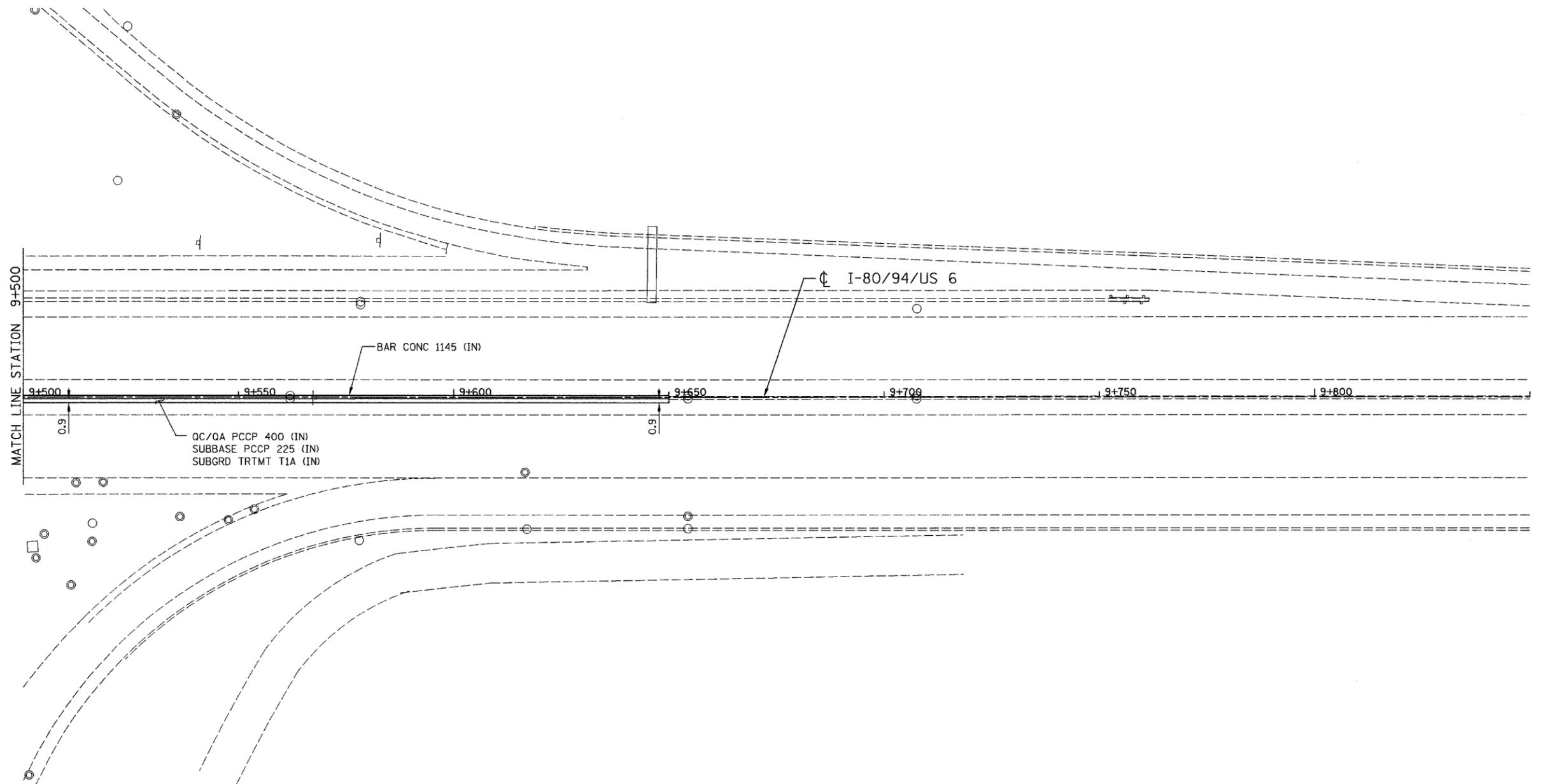
**STA. 9+500 TO STA. 9+850**

SCALE 1:500  
 DATE 07/05  
 DRAWN BY ACE/CAD  
 CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

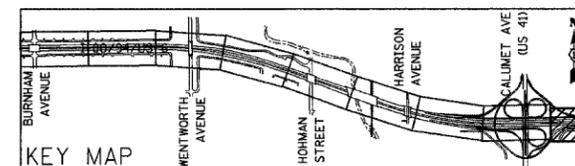
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	65
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



PROPOSED LEGEND:

- NOISE ABATEMENT (SOUND) WALL
- QC/QA PCCP 330
- SUBBASE PCCP 225 (IN)
- SUBGRD TRTMT T1A (IN)

NOTE: FOR ELECTRICAL WORK IN CONTRACT, SEE "ELECTRICAL INSTALLATION PLANS".  
FOR ELECTRICAL WORK BY OTHERS, SUBJECT TO CONTRACTOR MODIFICATION,  
SEE "EXISTING LIGHTING PLAN" SHEETS.



REVISIONS	
NAME	DATE

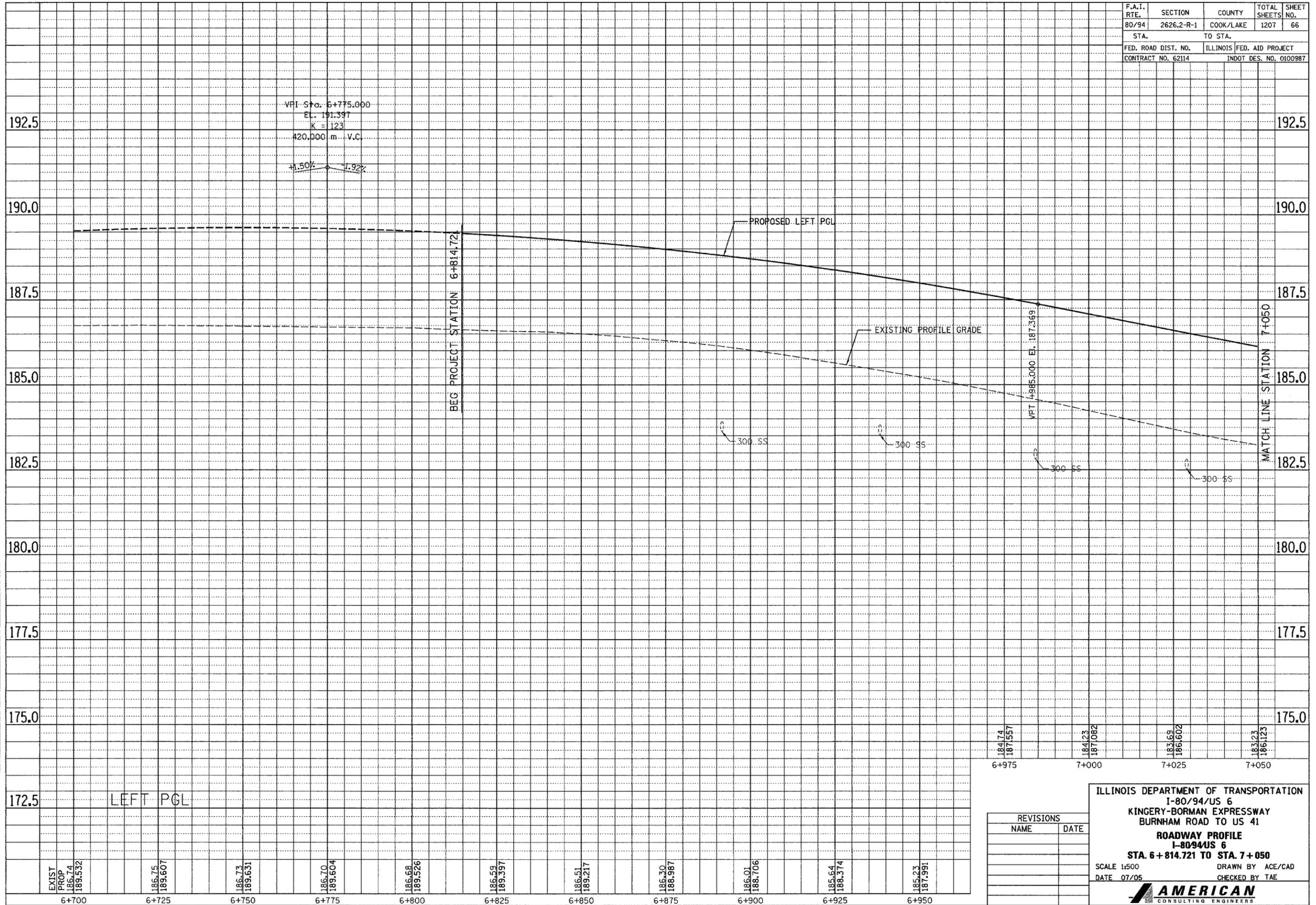
ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**PROPOSED PLAN**

**STA. 9 + 500 TO STA. 9 + 850**

SCALE 1:500 DRAWN BY ACE/CAD  
DATE 07/05 CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

F.A.I. RTE. 80/94	SECTION 2626.2-R-1	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 66
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	TEMPLATE		
	AREAS		
	CHECKED		

EXIST PROP	184.74	187.69	185.23
187.532	186.68	186.602	187.991
189.607	189.526	188.706	188.374
186.73	189.397	186.01	186.34
189.631	186.51	188.30	185.64
186.70	189.217	188.987	187.991
189.604	186.51	188.987	187.991
189.526	186.51	188.987	187.991
189.397	186.51	188.987	187.991
186.51	186.51	188.987	187.991
189.217	186.51	188.987	187.991
186.30	186.51	188.987	187.991
188.987	186.51	188.987	187.991
186.01	186.51	188.987	187.991
188.706	186.51	188.987	187.991
185.64	186.51	188.987	187.991
188.374	186.51	188.987	187.991
185.23	186.51	188.987	187.991
187.991	186.51	188.987	187.991

184.74	187.69	185.23	187.991
187.532	186.68	186.602	188.374
189.607	189.526	188.706	188.987
186.73	189.397	186.01	186.34
189.631	186.51	188.30	185.64
186.70	189.217	188.987	187.991
189.604	186.51	188.987	187.991
189.526	186.51	188.987	187.991
189.397	186.51	188.987	187.991
186.51	186.51	188.987	187.991
189.217	186.51	188.987	187.991
186.30	186.51	188.987	187.991
188.987	186.51	188.987	187.991
186.01	186.51	188.987	187.991
188.706	186.51	188.987	187.991
185.64	186.51	188.987	187.991
188.374	186.51	188.987	187.991
185.23	186.51	188.987	187.991
187.991	186.51	188.987	187.991

REVISIONS	
NAME	DATE

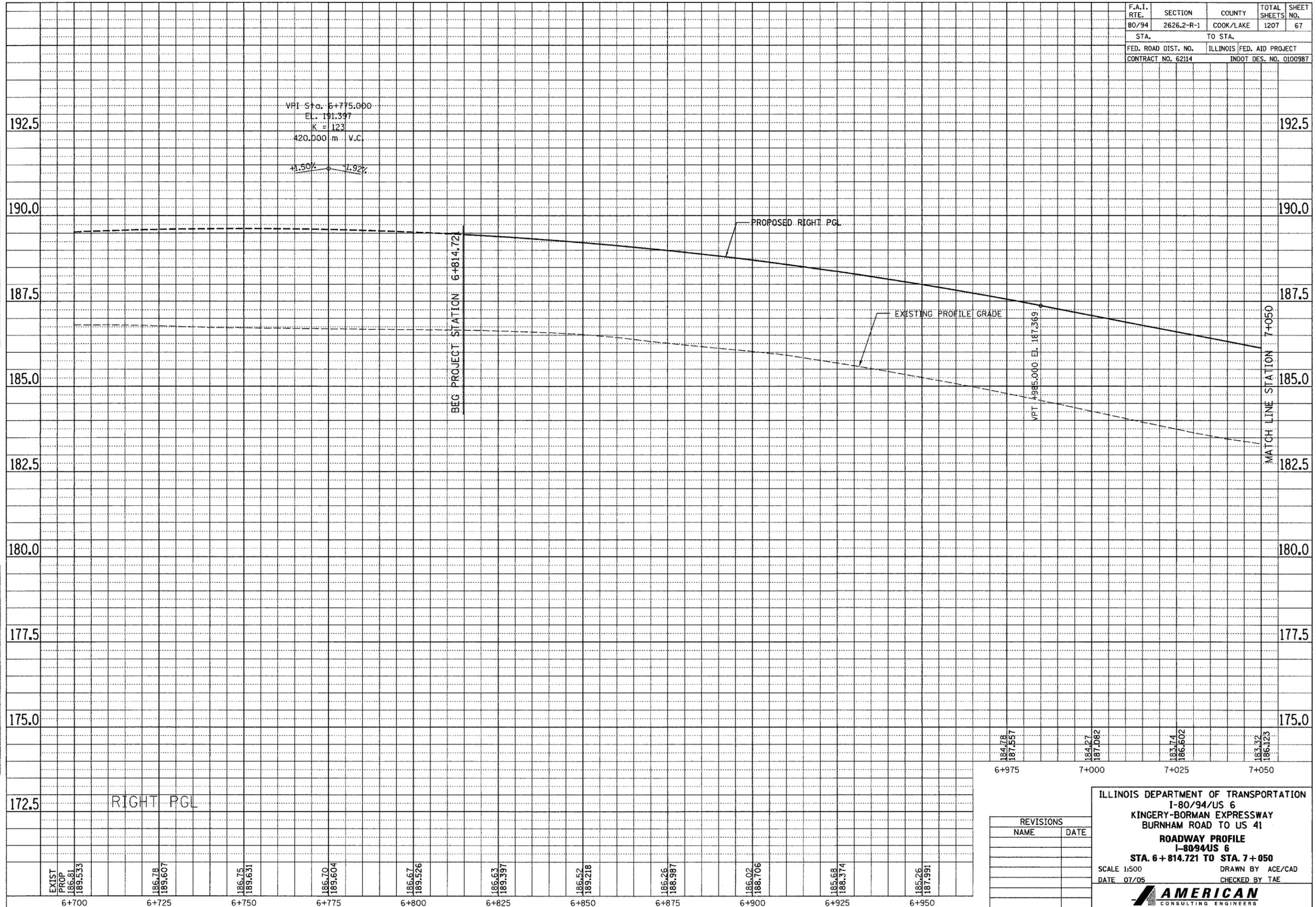
ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**ROADWAY PROFILE**  
I-80/94/US 6  
**STA. 6 + 814.721 TO STA. 7 + 050**  
SCALE 1:500  
DATE 07/05  
DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

F.A.I. RTE. 80/94	SECTION 2626.2-R-1	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 67
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE NO.		
AREAS CHECKED		

ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE NO.		
AREAS CHECKED		



172.5	RIGHT PGL
EXIST PROP	
186.81	
189.533	
6+700	
186.78	
189.607	
6+725	
186.75	
189.631	
6+750	
186.70	
189.604	
6+775	
186.67	
189.526	
6+800	
186.63	
189.397	
6+825	
186.52	
189.218	
6+850	
186.26	
188.987	
6+875	
186.02	
188.706	
6+900	
185.68	
188.374	
6+925	
185.26	
187.991	
6+950	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
ROADWAY PROFILE  
I-8094US 6  
STA. 6 + 814.721 TO STA. 7 + 050

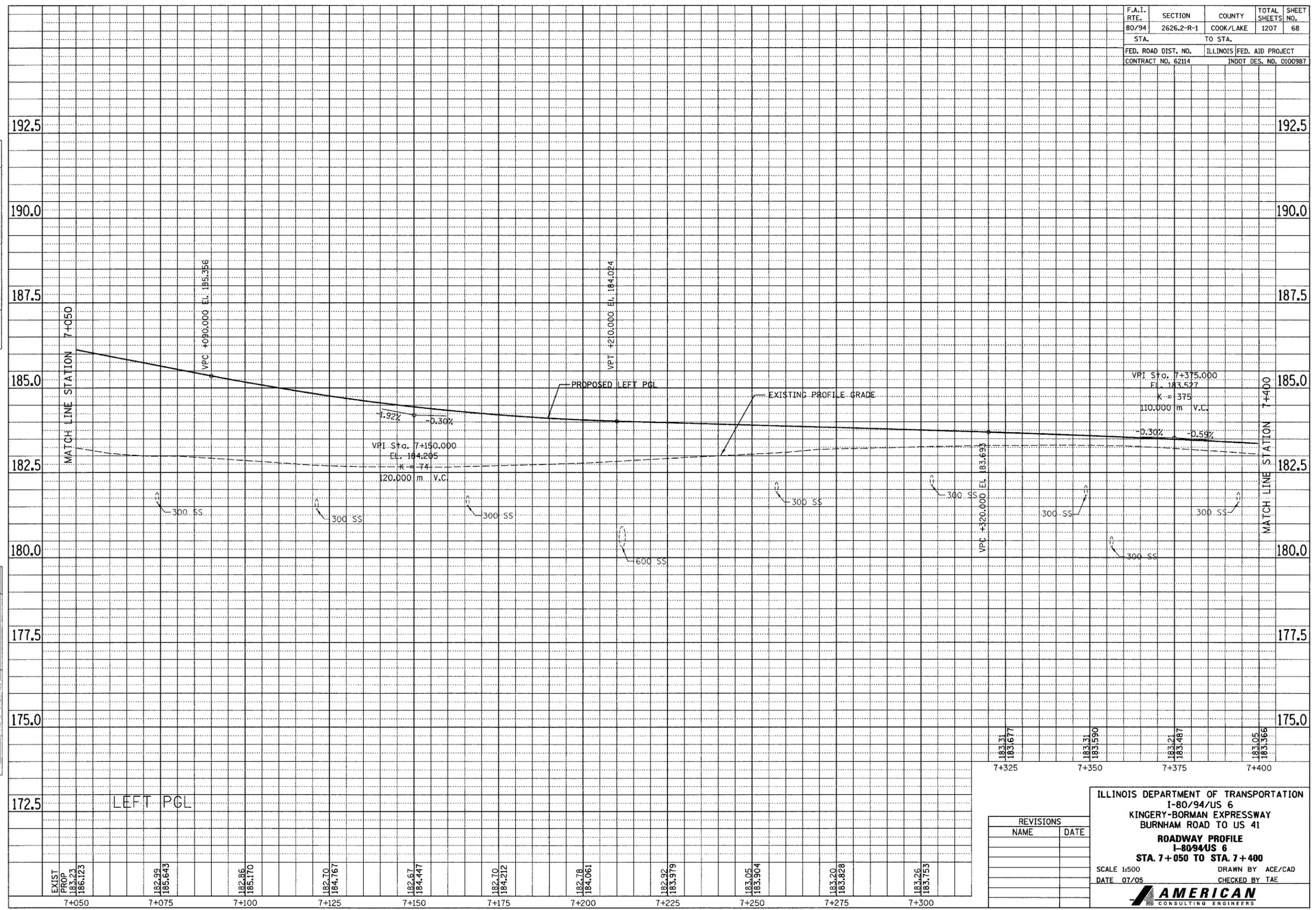
SCALE 1:500      DRAWN BY ACE/CAD  
DATE 07/05      CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-1	COOK/LAKE	1207	68
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**ROADWAY PROFILE**  
 I-80/94/US 6  
**STA. 7+050 TO STA. 7+400**

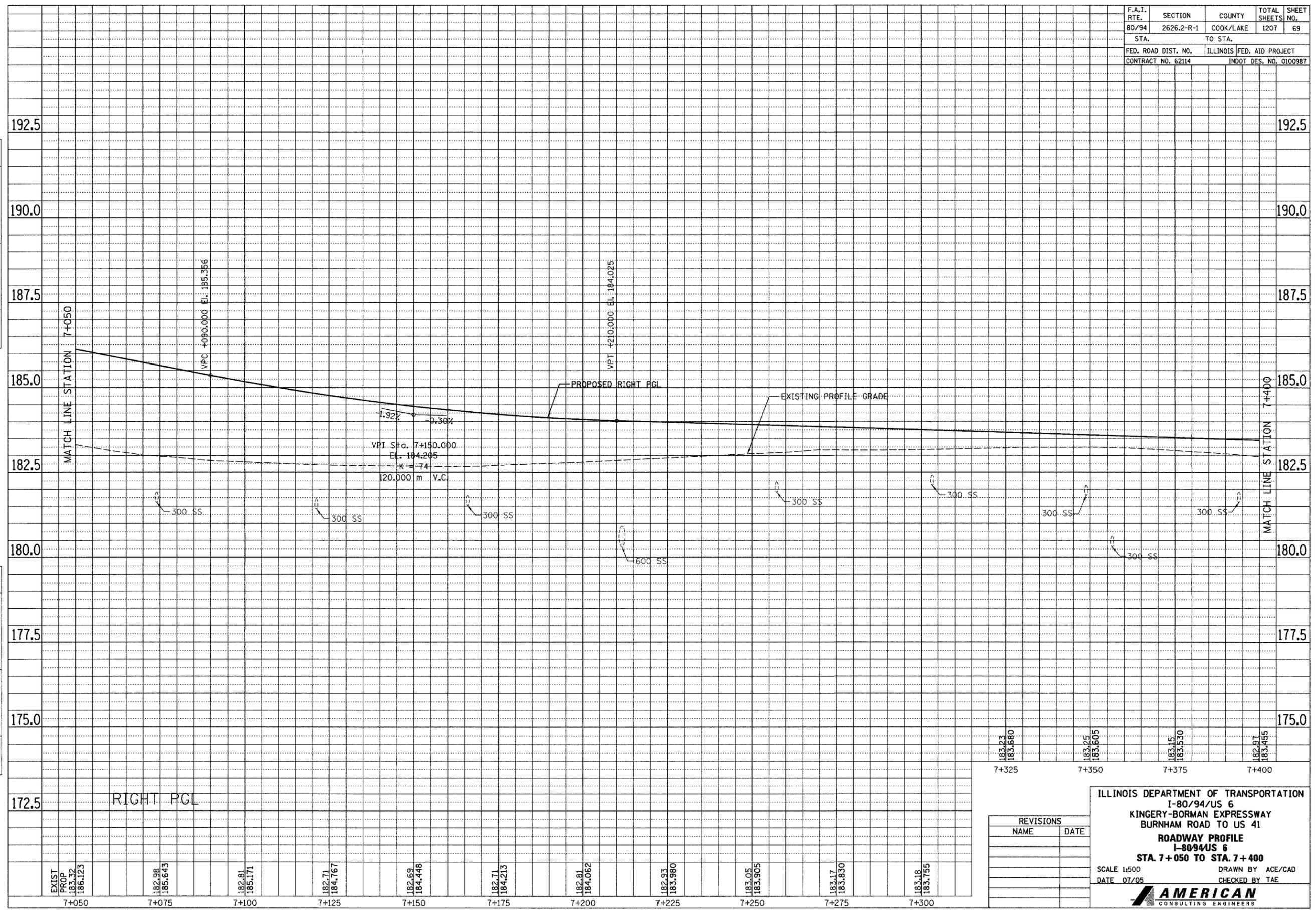
SCALE 1:500  
 DATE 07/05  
 DRAWN BY ACE/CAD  
 CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

F.A.T. RTE. 80/94	SECTION 2626.2-R-1	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 69
STA. 7+050		TO STA. 7+400		
FED. ROAD DIST. NO. CONTRACT NO. 62114		ILLINOIS FED. AID PROJECT INDOT DES. NO. 0100987		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



RIGHT PGL

EXIST PROP	182.98	182.81	182.71	182.69	182.71	182.81	182.93	183.05	183.17	183.18
183.32	185.643	185.171	184.767	184.448	184.213	184.062	183.980	183.905	183.830	183.755
186.123										
7+050	7+075	7+100	7+125	7+150	7+175	7+200	7+225	7+250	7+275	7+300

183.23	183.25	183.15	182.97
183.680	183.605	183.550	183.485
7+325	7+350	7+375	7+400

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
ROADWAY PROFILE  
I-80/94/US 6  
STA. 7+050 TO STA. 7+400

SCALE 1:500  
DATE 07/05

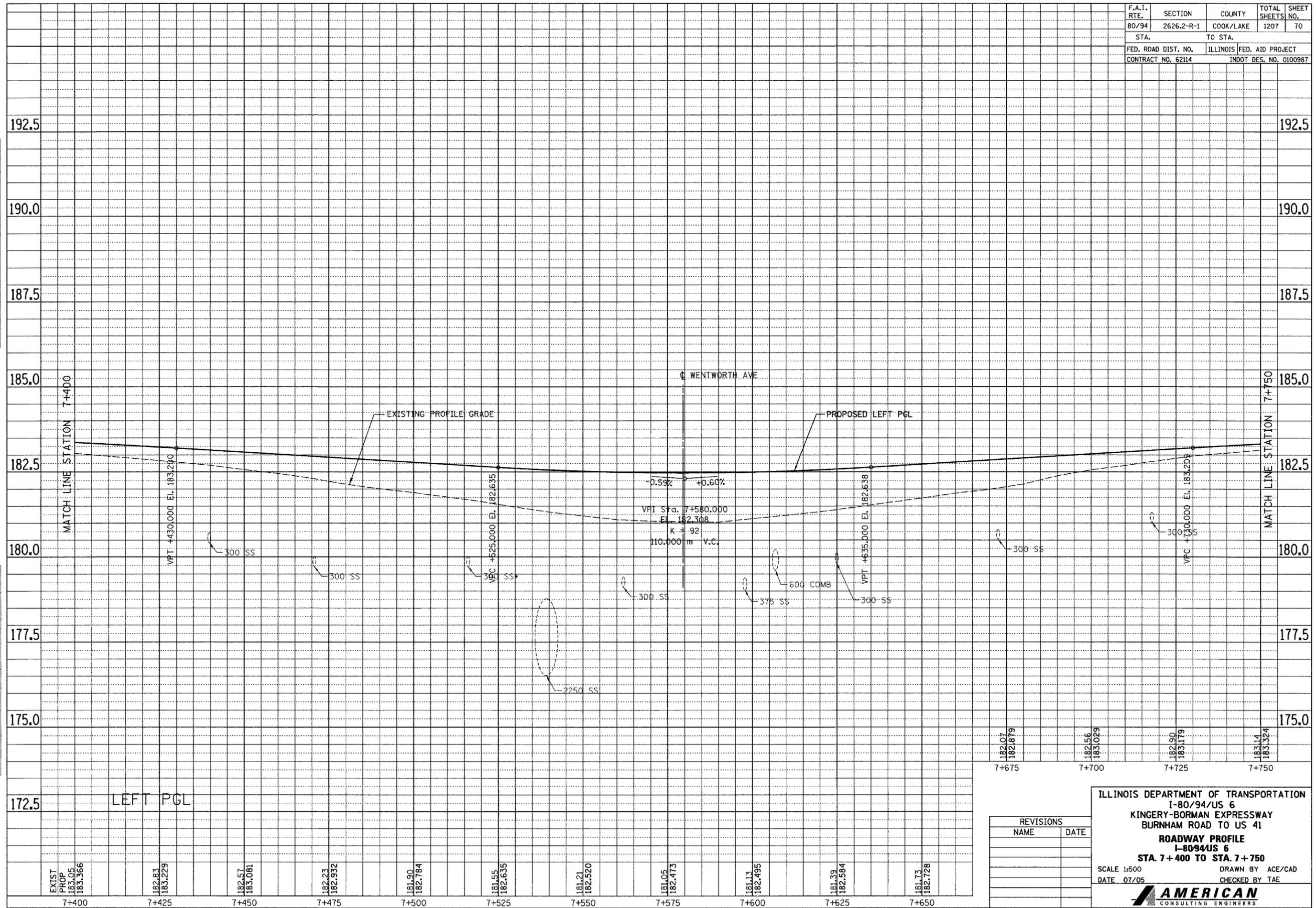
DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

F.A.I. RTE. 80/94	SECTION 2626.2-R-1	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 70
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	NO. _____		
PLATE	NO. _____		
AREAS	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	NO. _____		
PLATE	NO. _____		
AREAS	CHECKED		

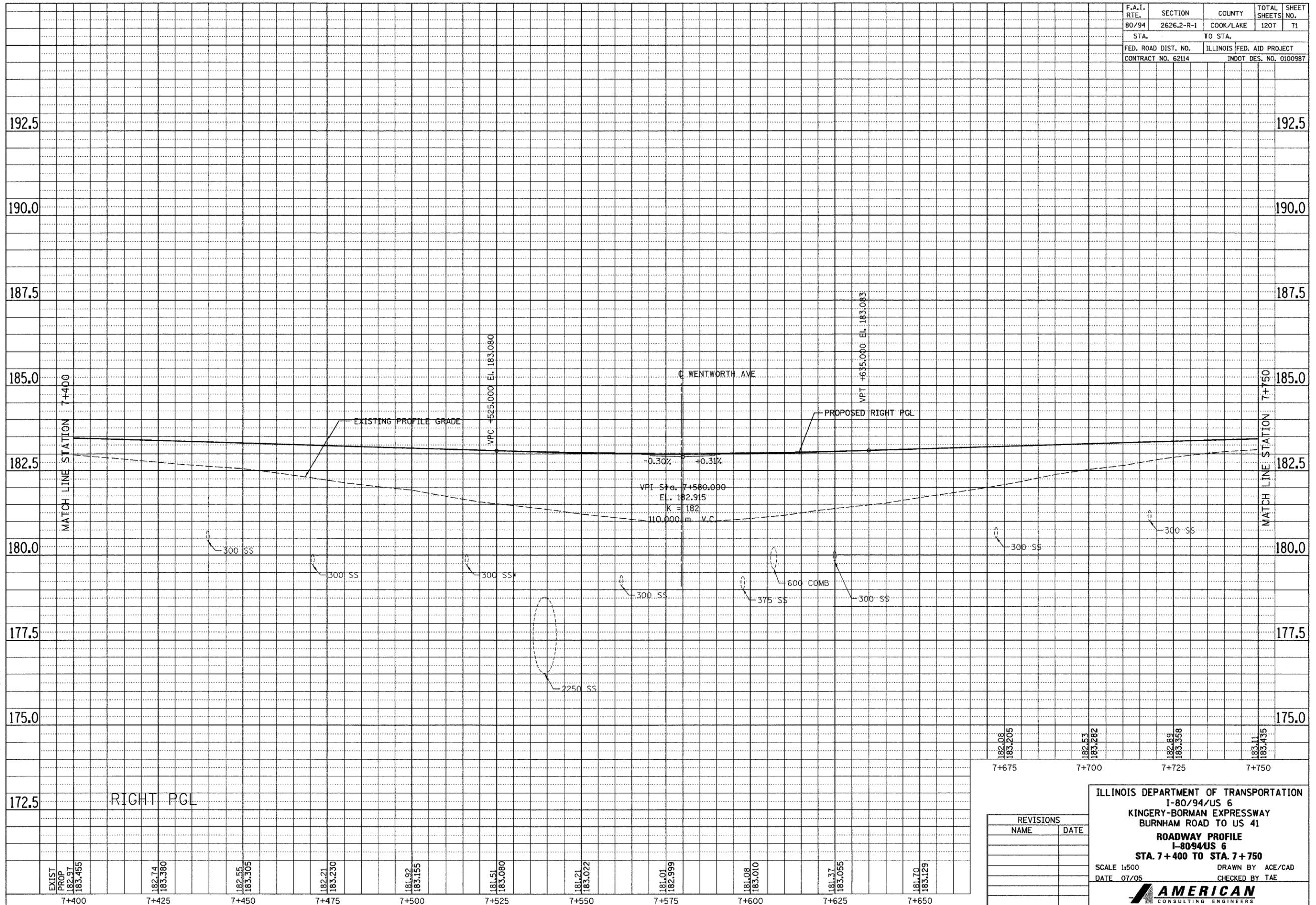


182.07	182.179	182.56	183.029	182.90	183.179	183.14	183.324
7+675	7+700	7+725	7+750				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**ROADWAY PROFILE**  
 I-8094/US 6  
**STA. 7+400 TO STA. 7+750**  
 SCALE 1:500  
 DATE 07/05  
 DRAWN BY ACE/CAD  
 CHECKED BY TAE  
**AMERICAN**  
 CONSULTING ENGINEERS

F.A.I. RTE. 80/94	SECTION 2626.2-R-1	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 71
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE AREAS CHECKED		
NO.		

ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE AREAS CHECKED		
NO.		

182.08 183.205	182.53 183.282	182.89 183.358	183.11 183.435
7+675	7+700	7+725	7+750

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**ROADWAY PROFILE**  
I-80/94/US 6  
STA. 7+400 TO STA. 7+750  
SCALE 1:500  
DATE 07/05  
DRAWN BY ACE/CAD  
CHECKED BY TAE

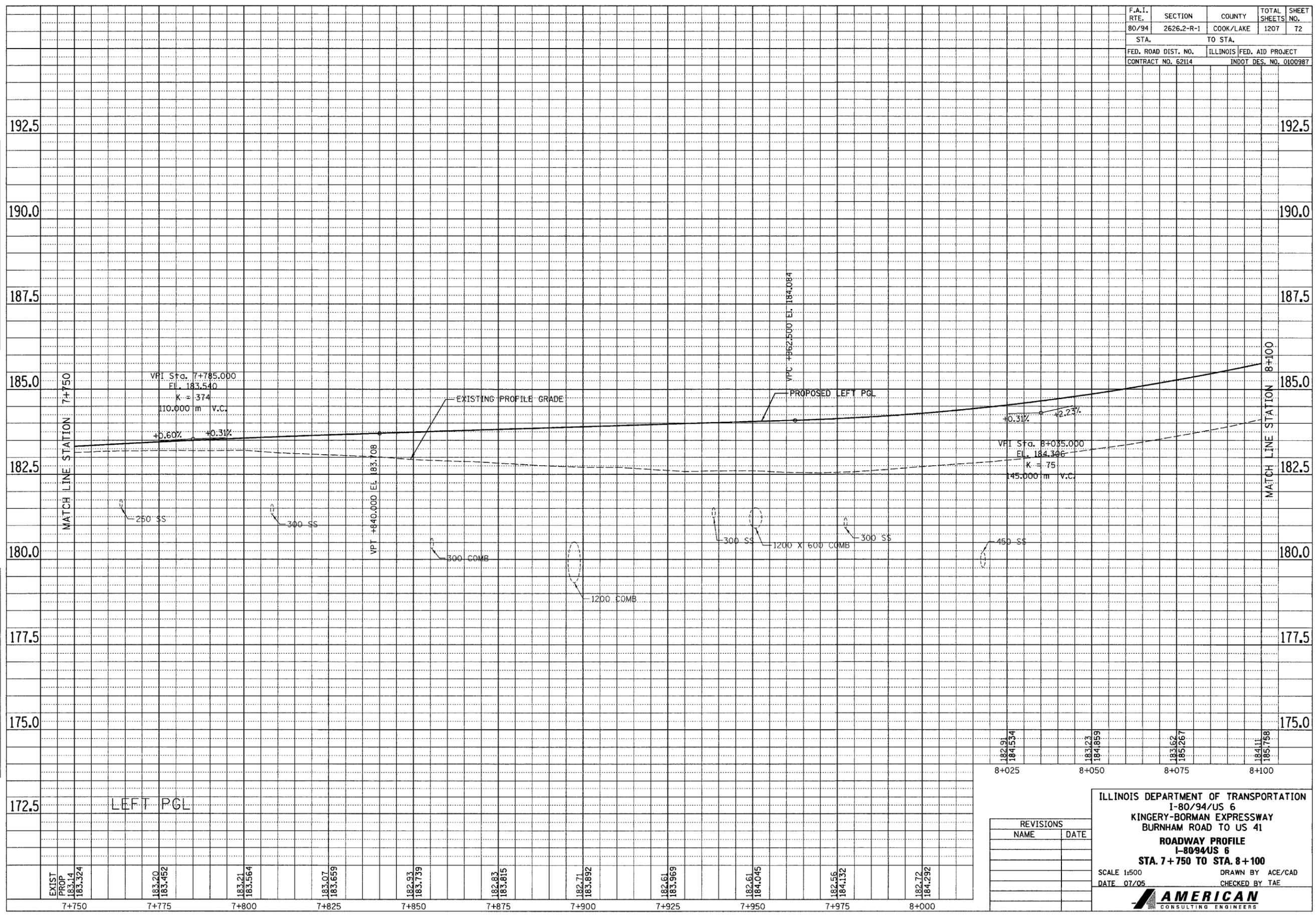
**AMERICAN**  
CONSULTING ENGINEERS

EXIST PROP 182.97 183.455	182.74 183.380	182.55 183.305	182.21 183.230	181.92 183.155	181.51 183.080	181.21 183.022	181.01 182.999	181.08 183.010	181.37 183.055	181.70 183.129
7+400	7+425	7+450	7+475	7+500	7+525	7+550	7+575	7+600	7+625	7+650

F.A.I. RTE. 80/94	SECTION 2626.2-R-1	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 72
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE AREAS CHECKED		
NO.		

ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE AREAS CHECKED		
NO.		



LEFT PGL

EXIST PROP	183.20	183.21	183.07	182.93	182.83	182.71	182.61	182.56	182.72	
183.14	183.452	183.564	183.659	183.739	183.815	183.892	183.969	184.045	184.292	
7+750	7+775	7+800	7+825	7+850	7+875	7+900	7+925	7+950	7+975	8+000

182.91	183.23	183.62	184.11
184.1534	184.859	185.267	185.758
8+025	8+050	8+075	8+100

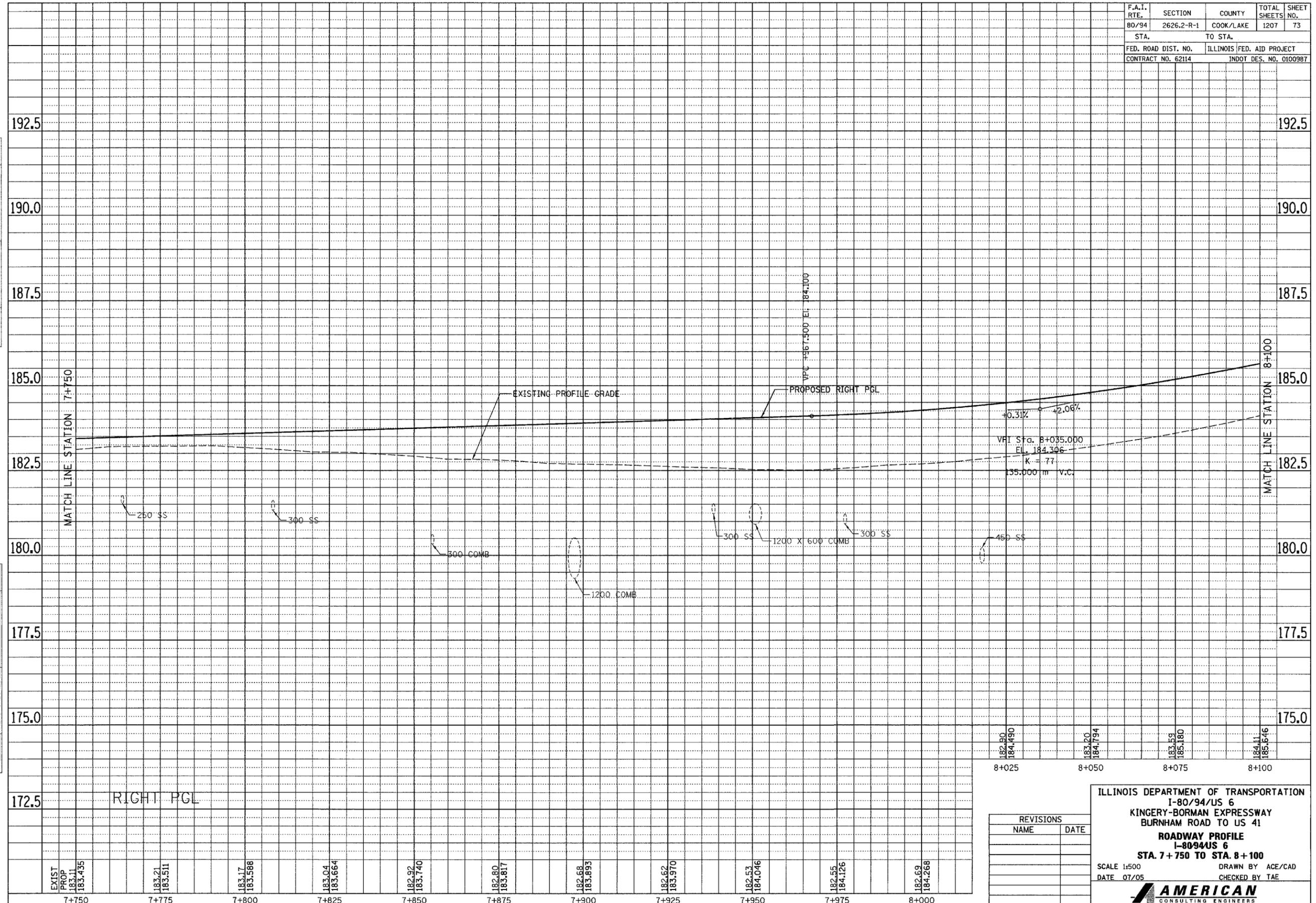
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**ROADWAY PROFILE**  
 I-80/94/US 6  
**STA. 7+750 TO STA. 8+100**  
 SCALE 1:500  
 DATE 07/05  
 DRAWN BY ACE/CAD  
 CHECKED BY TAE  
**AMERICAN**  
 CONSULTING ENGINEERS

F.A.I. RTE. 80/94	SECTION 2626.2-R-1	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 73
STA. 7+750		TO STA. 8+100		
FED. ROAD DIST. NO. CONTRACT NO. 62114		ILLINOIS FED. AID PROJECT INDOT DES. NO. 0100987		

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



EXIST PROP	183.21	183.17	183.04	182.92	182.80	182.68	182.52	182.53	182.55	182.69
183.11	183.511	183.588	183.664	183.740	183.817	183.893	183.970	184.046	184.126	184.268
7+750	7+775	7+800	7+825	7+850	7+875	7+900	7+925	7+950	7+975	8+000

182.90	183.20	183.59	184.11
184.490	184.794	185.180	185.646
8+025	8+050	8+075	8+100

REVISIONS	
NAME	DATE

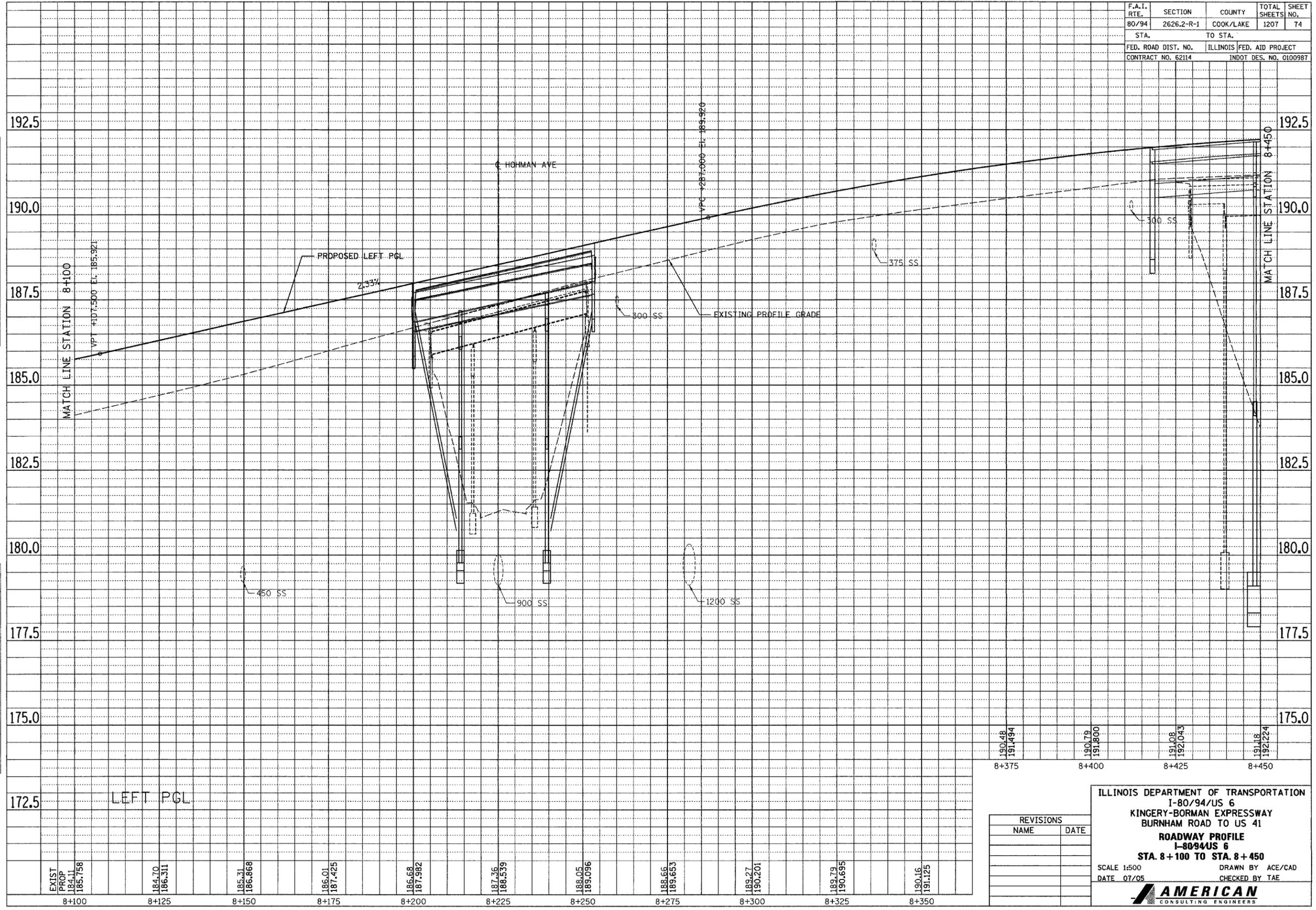
ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
ROADWAY PROFILE  
I-80/94/US 6  
STA. 7+750 TO STA. 8+100  
SCALE 1:500  
DATE 07/05  
DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

F.A.I. RTE. 80/94	SECTION 2626.2-R-1	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 74
STA. 8+100		TO STA. 8+450		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE NO.		
AREAS CHECKED		

ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE NO.		
AREAS CHECKED		



172.5	LEFT PGL									
175.0										
177.5										
180.0										
182.5										
185.0										
187.5										
190.0										
192.5										
EXIST PROP	184.11	185.758								
	184.70	186.311								
	185.31	186.868								
	186.01	187.425								
	186.68	187.982								
	187.36	188.539								
	188.05	189.096								
	188.66	189.653								
	189.27	190.201								
	189.79	190.695								
	190.16	191.125								

190.48	190.79	191.08	191.18
191.494	191.800	192.043	192.224
8+375	8+400	8+425	8+450

REVISIONS	
NAME	DATE

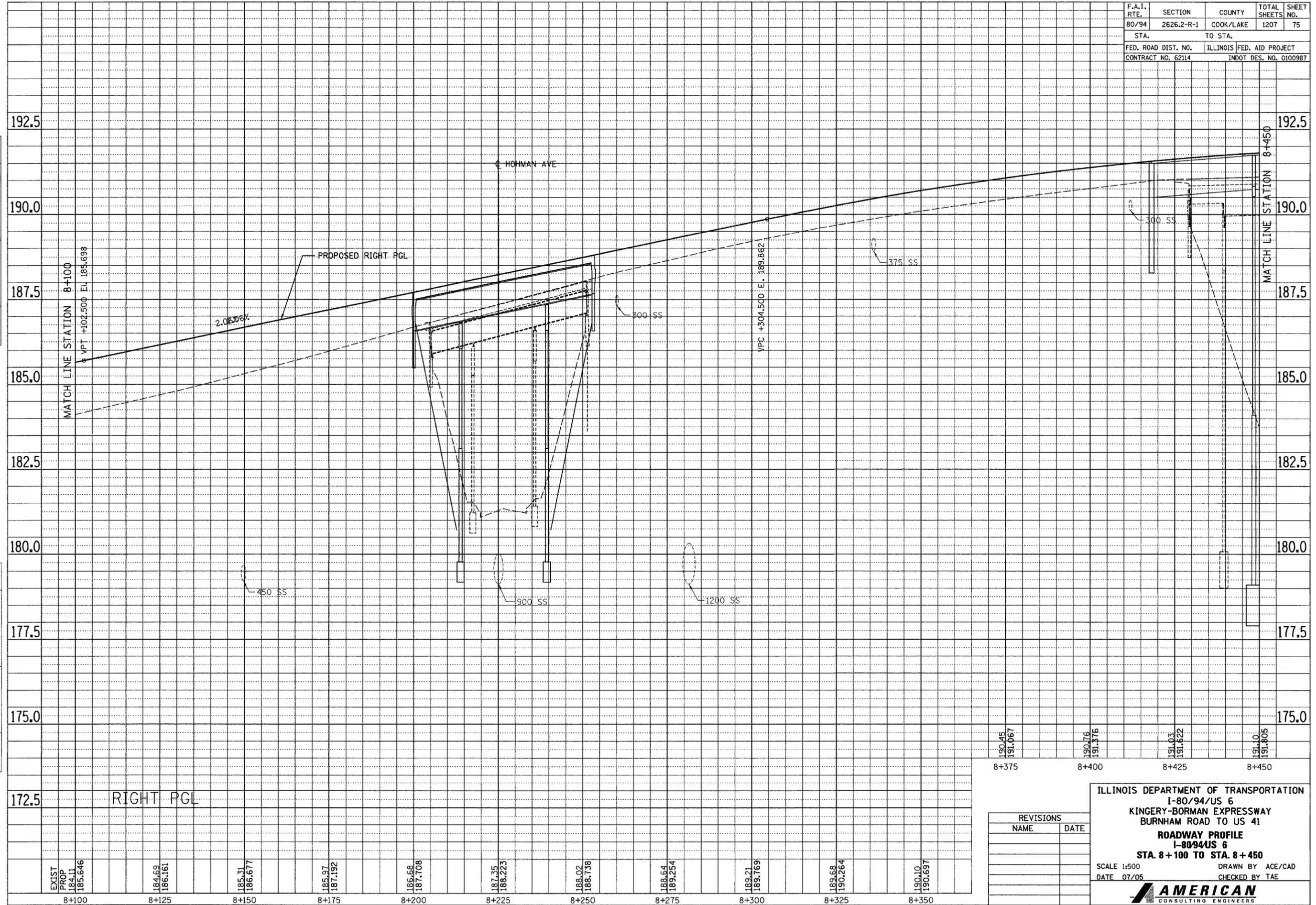
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**ROADWAY PROFILE**  
 I-80/94/US 6  
 STA. 8+100 TO STA. 8+450

SCALE 1:500  
 DATE 07/05

DRAWN BY ACE/CAD  
 CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-1	COOK/LAKE	1207	75
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



FINAL SURVEYED	BY	DATE
SURVEY PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEYED	BY	DATE
SURVEY PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
NO.		

EXIST PROP	184.11	185.31	185.97	186.68	187.35	188.02	188.64	189.21	189.88	190.10
	185.646	186.677	187.192	187.708	188.223	188.738	189.254	189.769	190.284	190.697
8+100	8+125	8+150	8+175	8+200	8+225	8+250	8+275	8+300	8+325	8+350

180.45	190.76	191.03	191.10
191.067	191.376	191.622	191.805
8+375	8+400	8+425	8+450

REVISIONS	
NAME	DATE

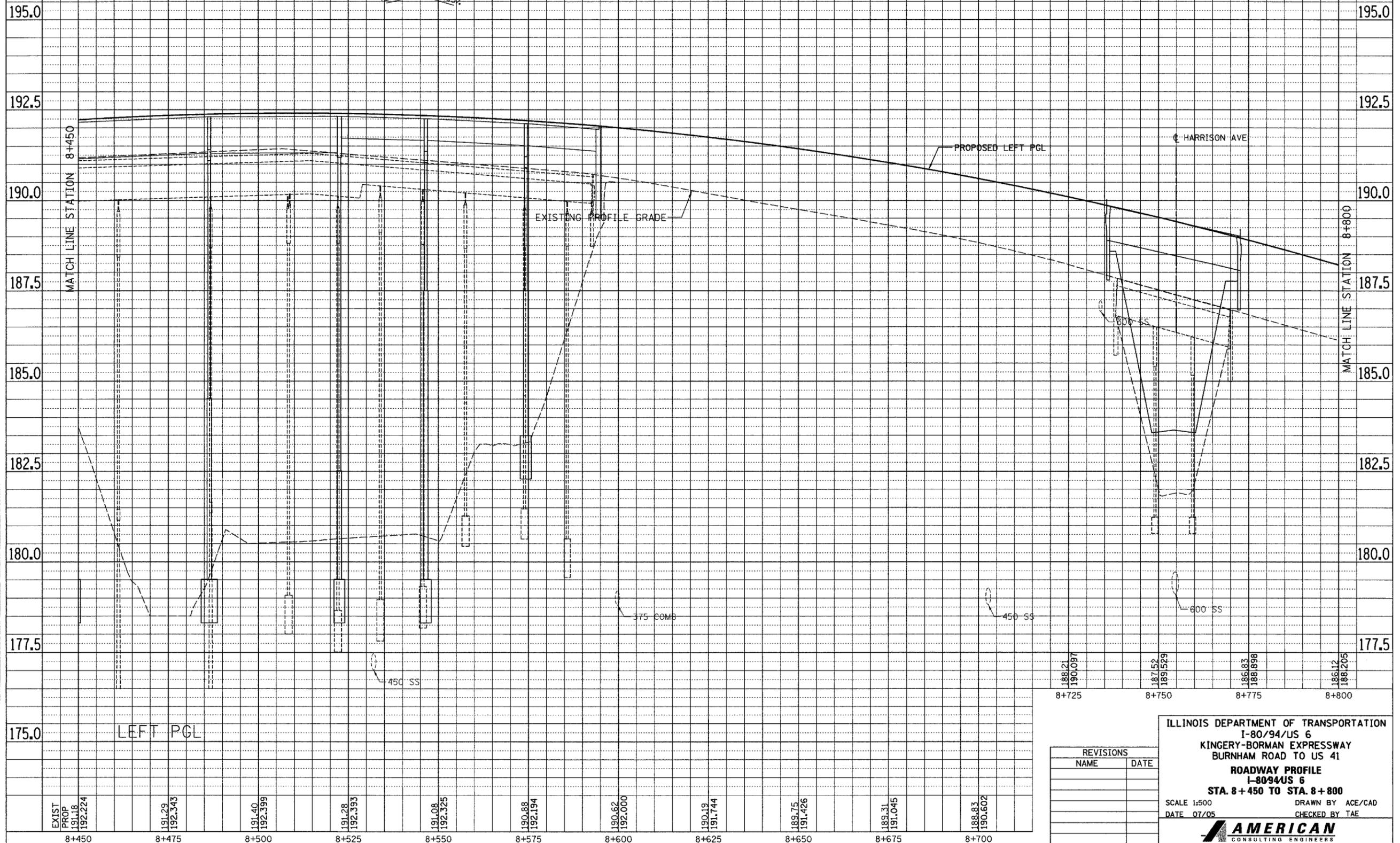
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**ROADWAY PROFILE**  
 I-80/94/US 6  
 STA. 8+100 TO STA. 8+450  
 SCALE 1:500  
 DATE 07/05  
 DRAWN BY ACE/CAD  
 CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

F.A.I. RTE. 80/94	SECTION 2626.2-R-1	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 76
STA. 8+450		TO STA. 8+800		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

VPI Sta. 8+545.000  
 EL.: 195.668  
 K = 100  
 516.000 m V.C.

+2.23%      -2.93%



FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

188.21 190.097	8+725
187.152 189.129	8+750
186.83 188.898	8+775
186.12 188.205	8+800

REVISIONS	
NAME	DATE

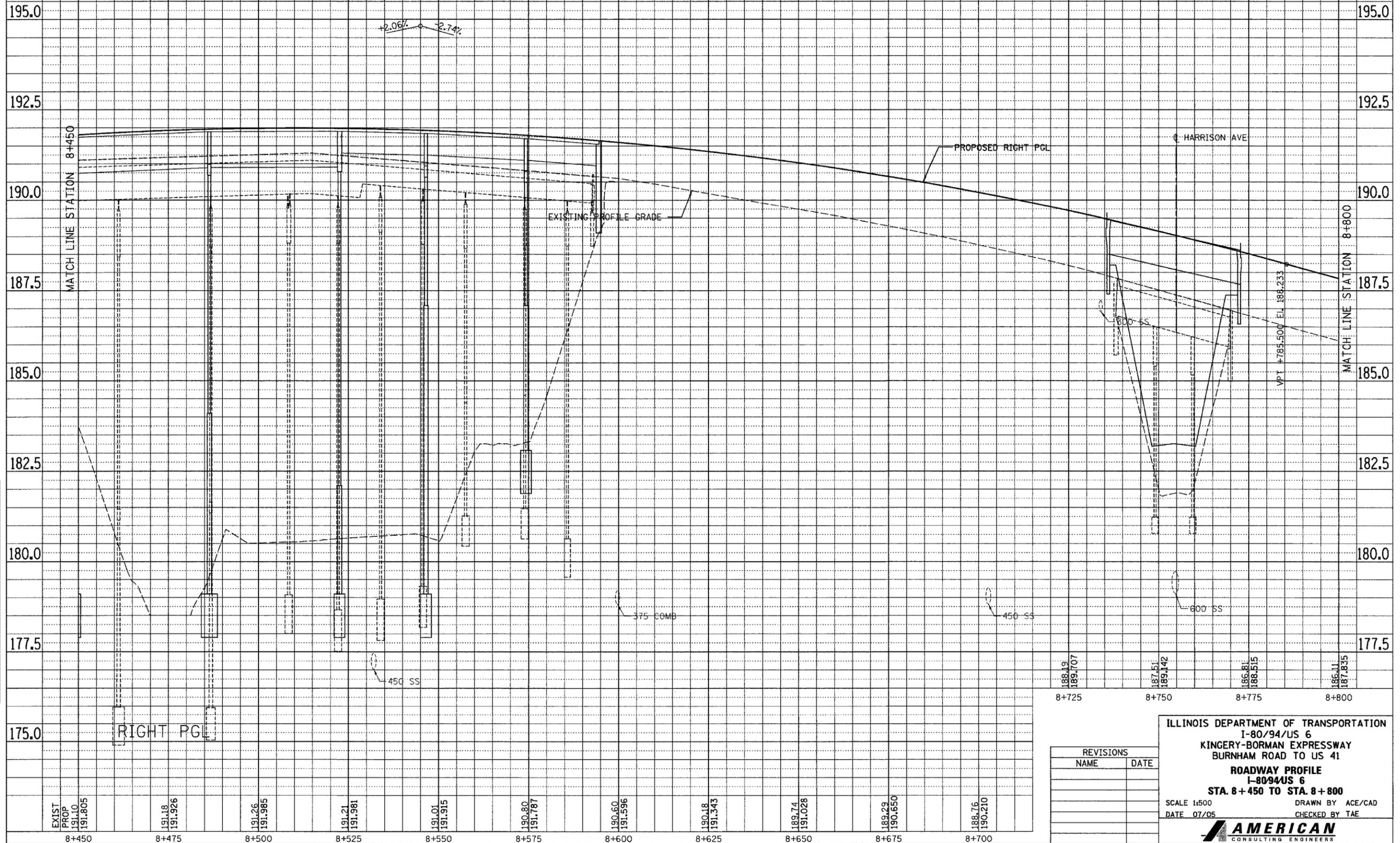
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**ROADWAY PROFILE**  
 I-80/94/US 6  
**STA. 8+450 TO STA. 8+800**  
 SCALE 1:500      DRAWN BY ACE/CAD  
 DATE 07/05      CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-1	COOK/LAKE	1207	77
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

VPI Sta. 8+545.000  
 EL. 194.820  
 K = 100  
 481.000' m V.C.

+2.06%      -2.74%



FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

188.19	189.107	187.51	189.142	186.81	188.515	186.11	187.835
8+725		8+750		8+775		8+800	

REVISIONS	
NAME	DATE

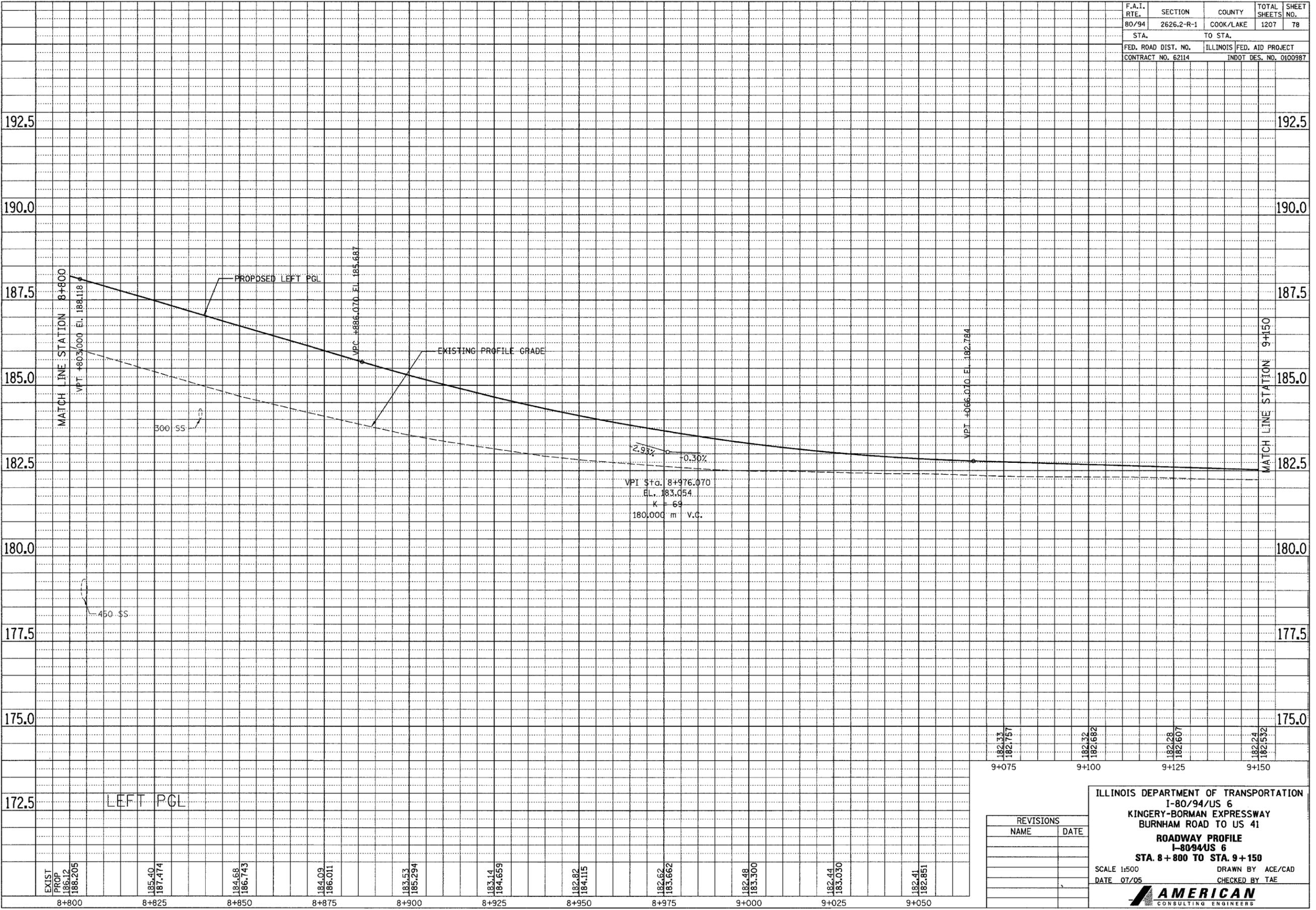
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**ROADWAY PROFILE**  
 I-80/94/US 6  
**STA. 8+450 TO STA. 8+800**  
 SCALE 1:500      DRAWN BY ACE/CAD  
 DATE 07/05      CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-1	COOK/LAKE	1207	78
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

FINAL SURVEYED SURVEY PLOTTED NO. _____	BY _____	DATE _____
NO. _____	AREAS CHECKED _____	

ORIGINAL SURVEYED SURVEY PLOTTED NO. _____	BY _____	DATE _____
NO. _____	AREAS CHECKED _____	



182.33	182.757	182.32	182.682	182.28	182.607	182.24	182.532
9+075		9+100		9+125		9+150	

REVISIONS	
NAME	DATE

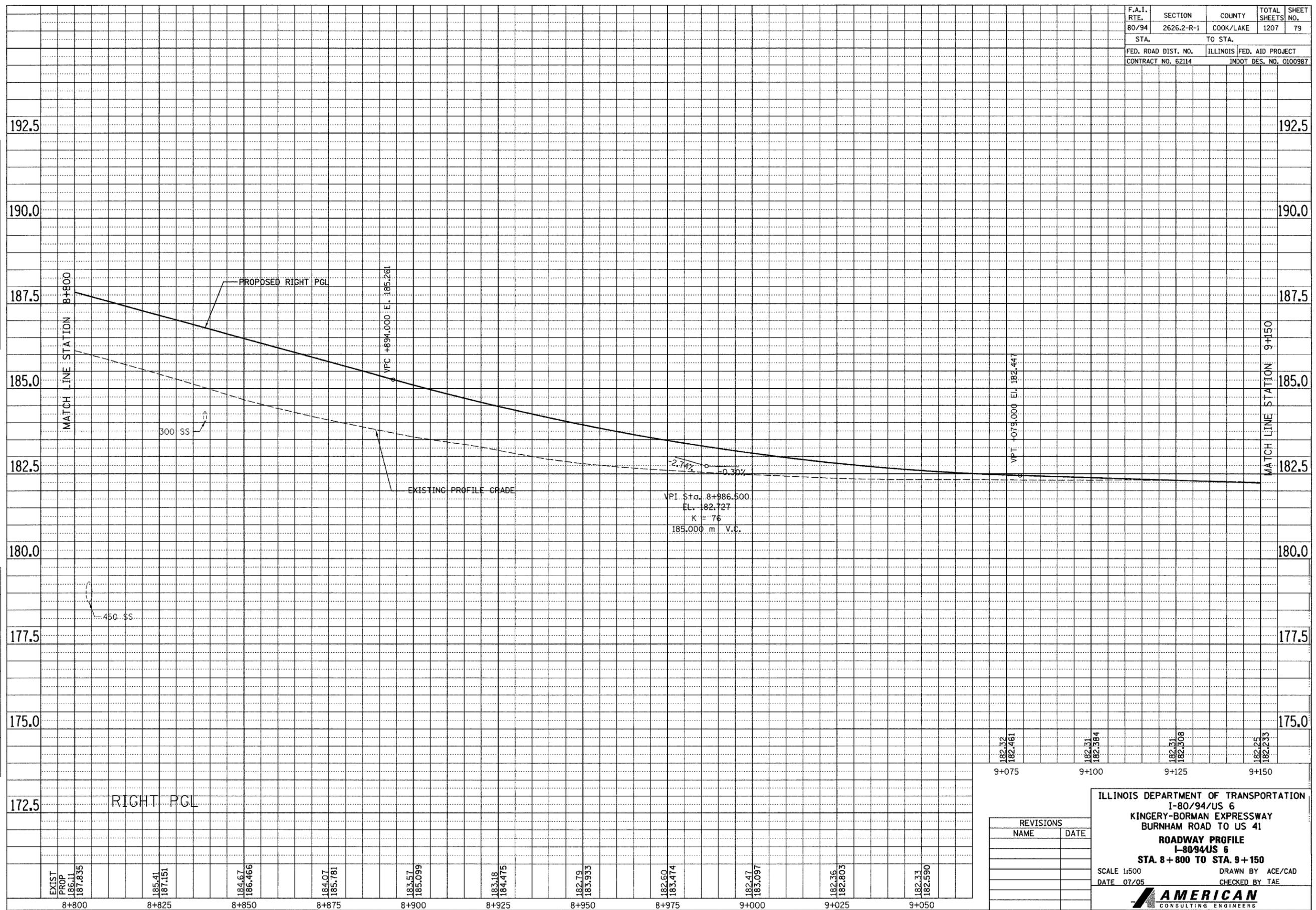
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**ROADWAY PROFILE**  
 I-80/94/US 6  
 STA. 8+800 TO STA. 9+150  
 SCALE 1:500 DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

F.A.I. RTE. 80/94	SECTION 2626.2-R-1	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 79
STA. 8+800		TO STA. 9+150		
FED. ROAD DIST. NO. CONTRACT NO. 62114		ILLINOIS FED. AID PROJECT INDOT DES. NO. 0100987		

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE NO.		
AREAS CHECKED		

ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE NO.		
AREAS CHECKED		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**ROADWAY PROFILE**  
I-80/94/US 6  
STA. 8+800 TO STA. 9+150

SCALE 1:500  
DATE 07/05

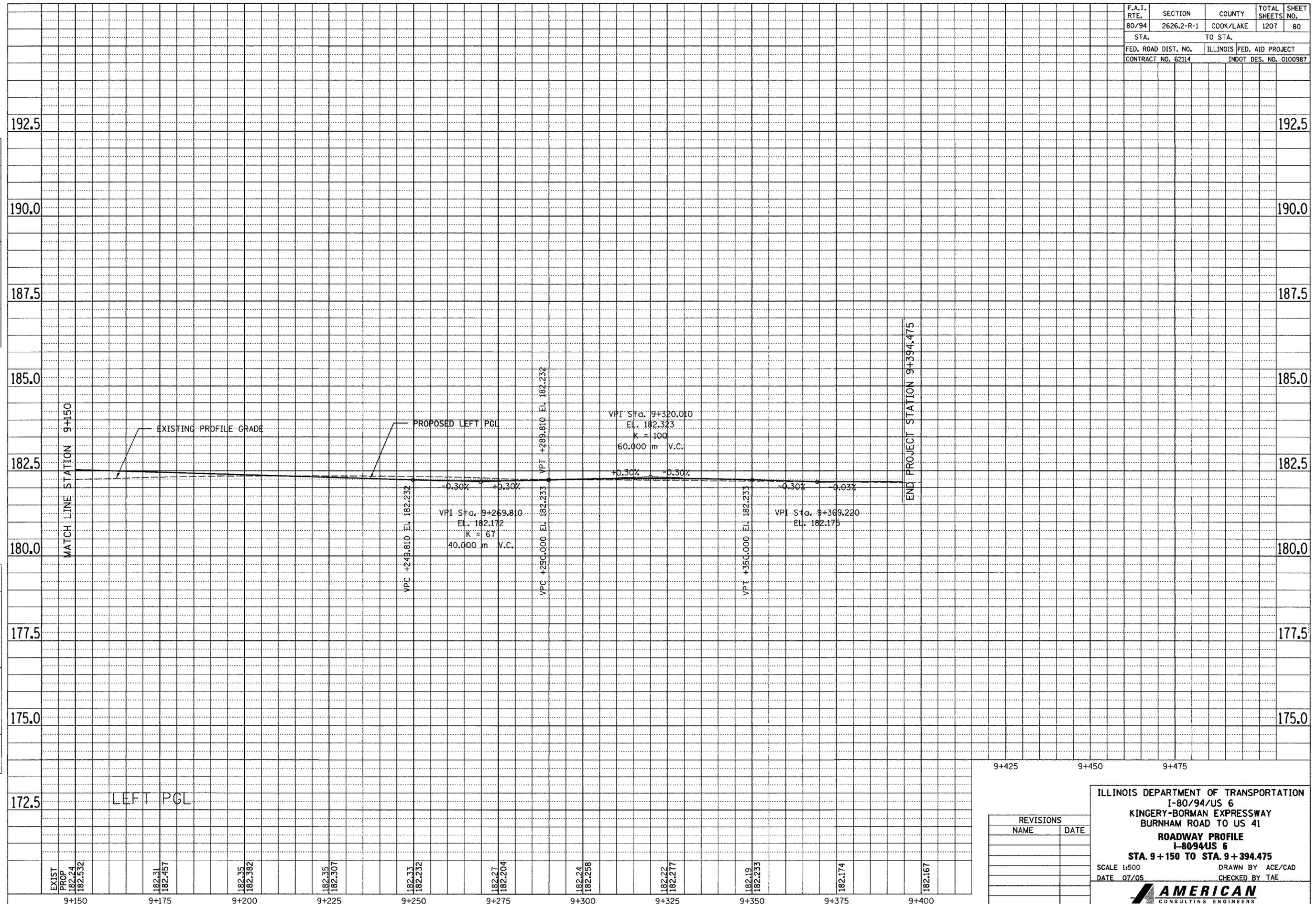
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CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

F.A.I. RTE. 80/94	SECTION 2626.2-R-1	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 80
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



9+425	9+450	9+475
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REVISIONS	
NAME	DATE

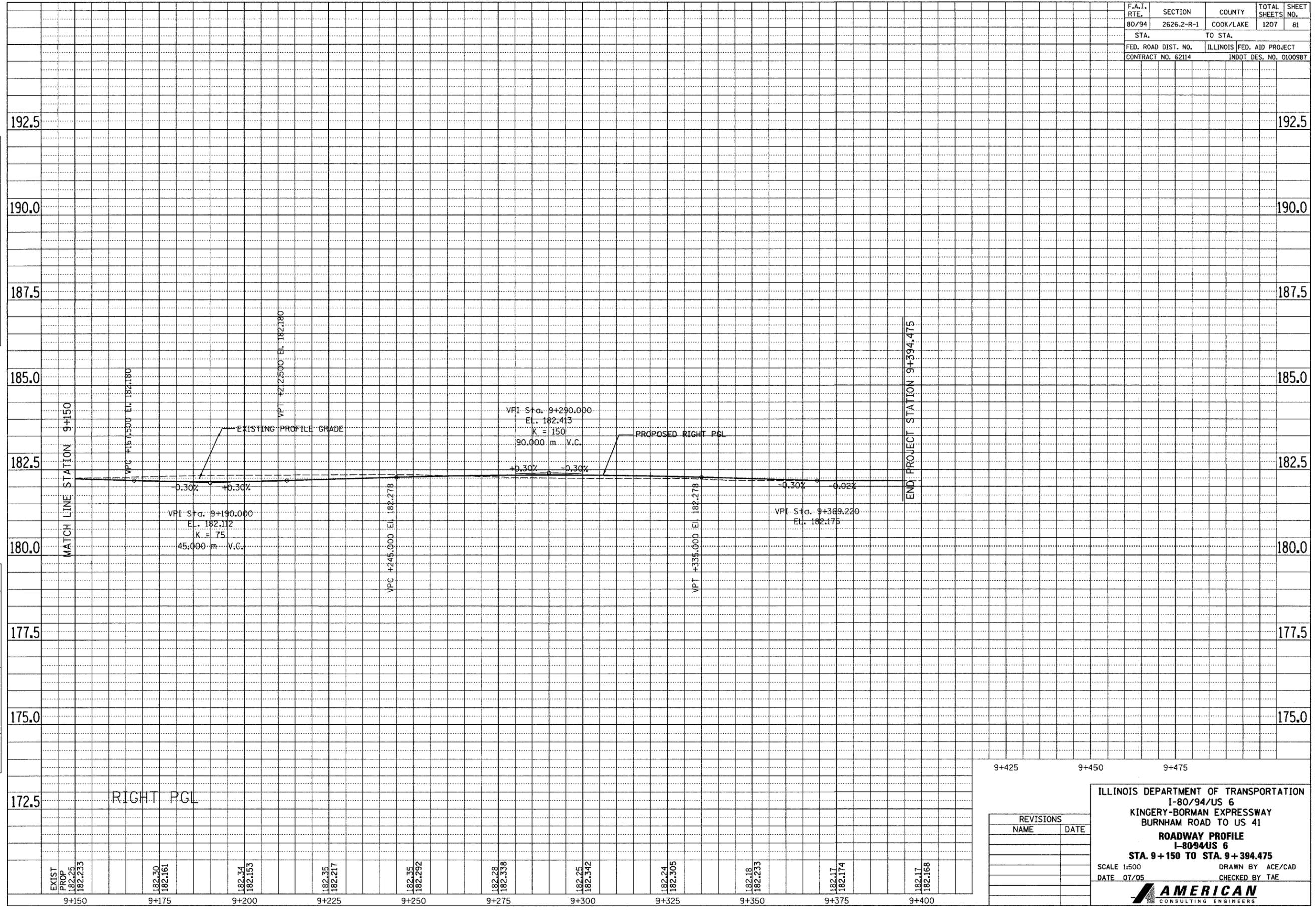
ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
ROADWAY PROFILE  
I-80/94/US 6  
STA. 9+150 TO STA. 9+394.475  
SCALE 1:500  
DATE 07/05  
DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-1	COOK/LAKE	1207	81
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	NO.		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	NO.		
	AREAS CHECKED		



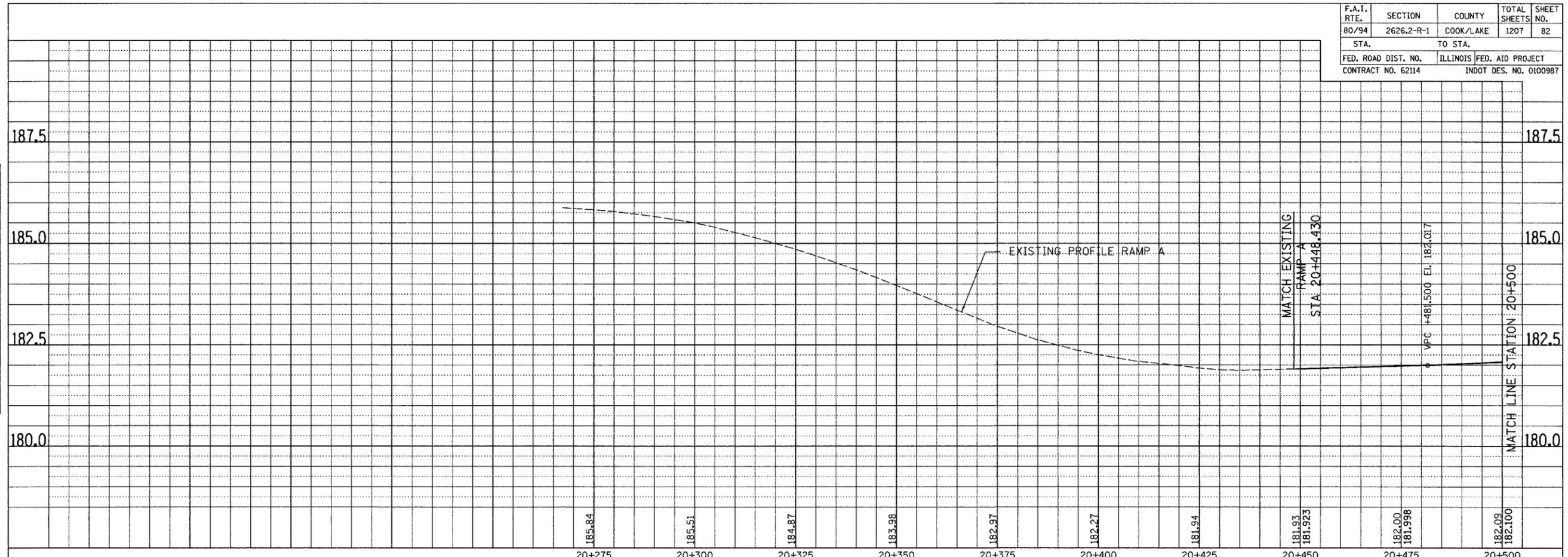
RIGHT PGL

EXIST PROP	182.30	182.34	182.35	182.28	182.25	182.24	182.18	182.17	182.17	
182.25	182.161	182.153	182.217	182.338	182.342	182.305	182.233	182.174	182.168	
9+150	9+175	9+200	9+225	9+250	9+275	9+300	9+325	9+350	9+375	9+400

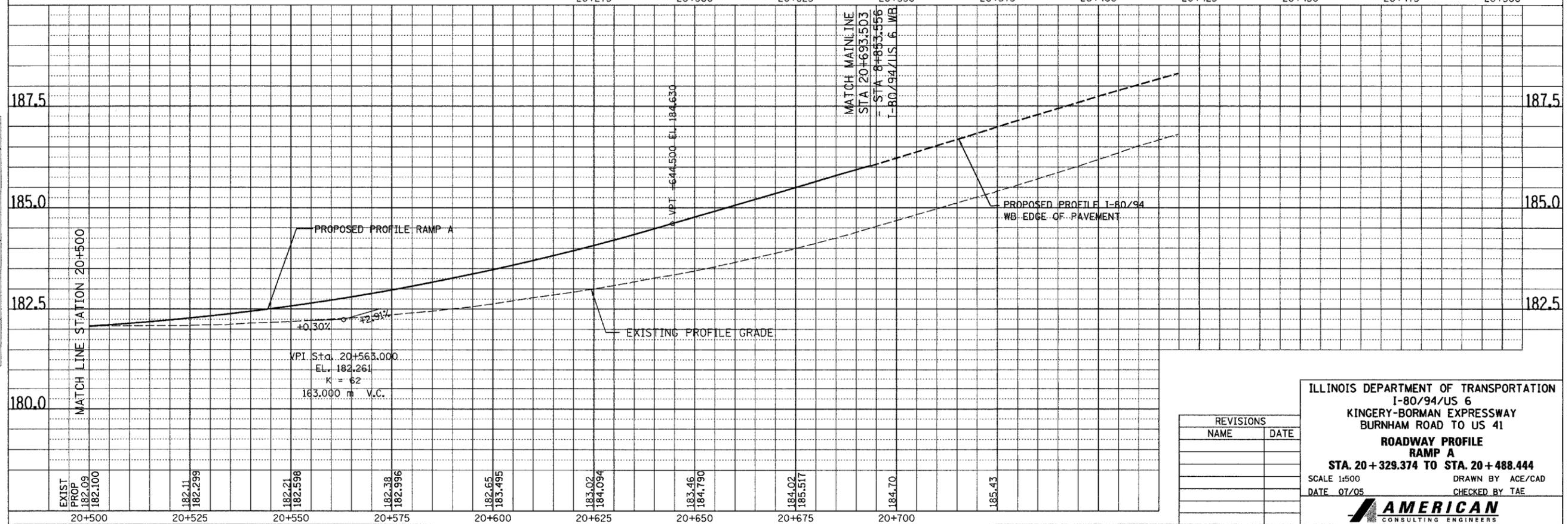
9+425	9+450	9+475
<b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b> I-80/94/US 6 KINGERY-BORMAN EXPRESSWAY BURNHAM ROAD TO US 41 <b>ROADWAY PROFILE</b> I-80/94/US 6 <b>STA. 9+150 TO STA. 9+394.475</b> SCALE 1:500 DRAWN BY ACE/CAD DATE 07/05 CHECKED BY TAE		
<b>AMERICAN</b> CONSULTING ENGINEERS		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-1	COOK/LAKE	1207	82
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	NO.		
REPLATE	AREAS CHECKED		



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	NO.		
REPLATE	AREAS CHECKED		

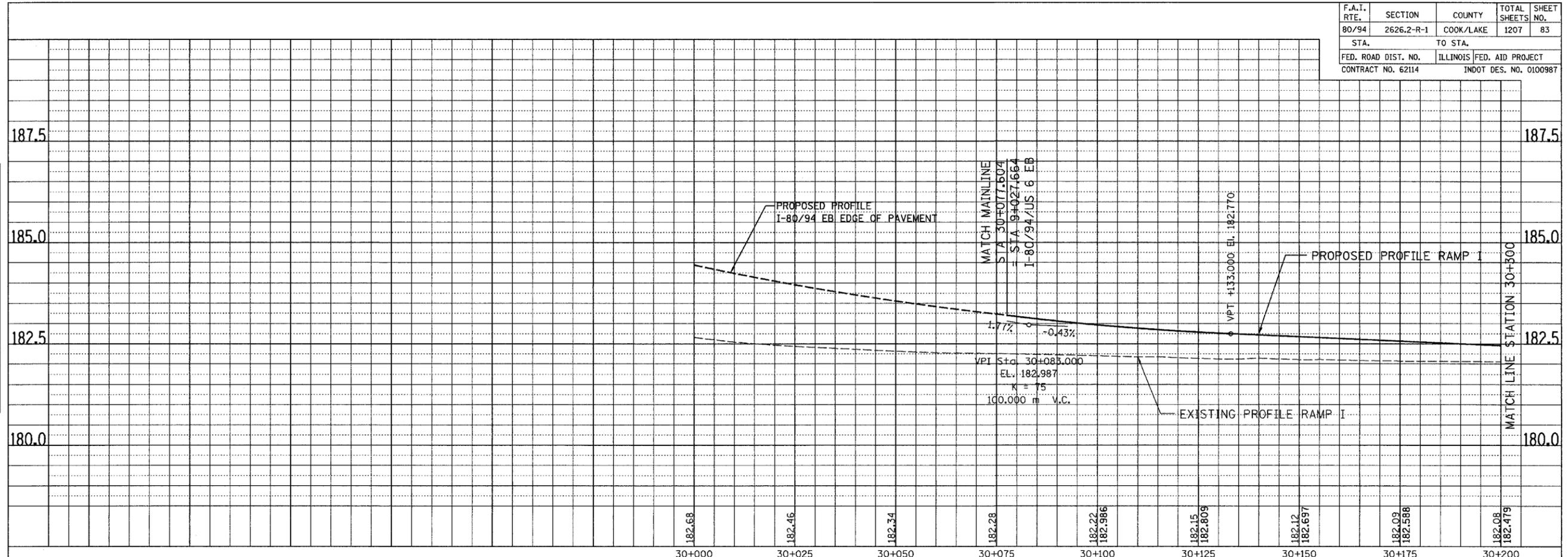


REVISIONS	
NAME	DATE

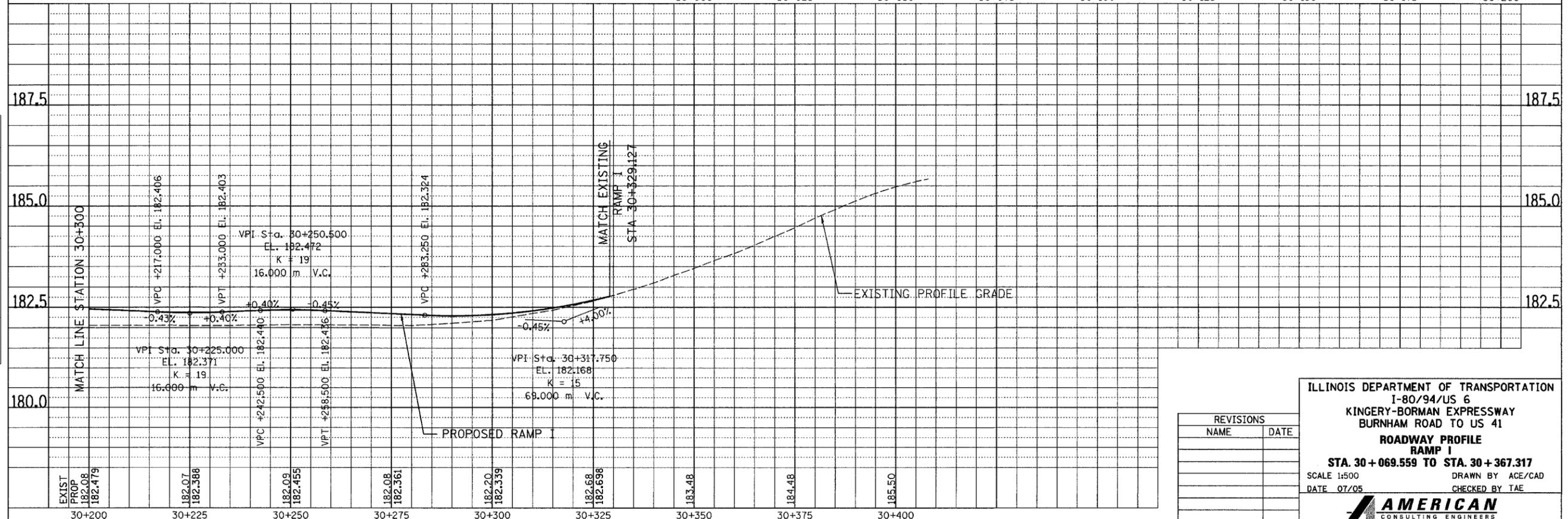
ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**ROADWAY PROFILE  
RAMP A**  
STA. 20+329.374 TO STA. 20+488.444  
SCALE 1:500 DRAWN BY ACE/CAD  
DATE 07/05 CHECKED BY TAE

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-1	COOK/LAKE	1207	83
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE NO.		
AREAS CHECKED		



ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE NO.		
AREAS CHECKED		



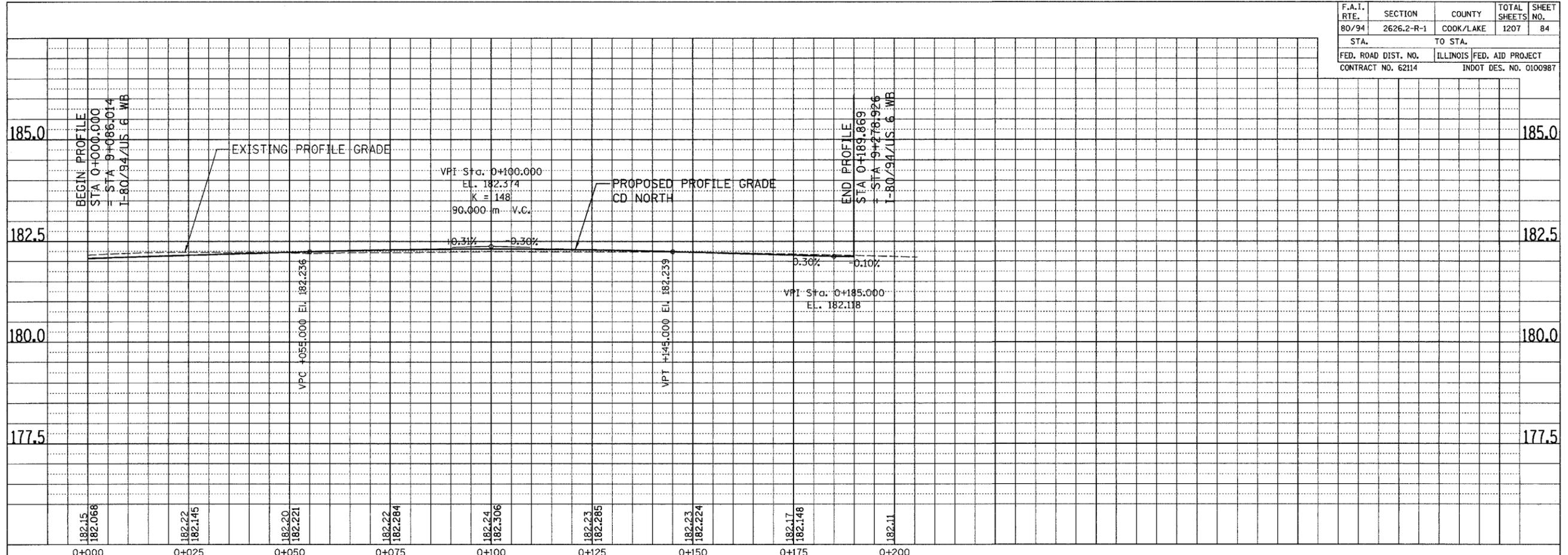
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**ROADWAY PROFILE  
 RAMP I**  
**STA. 30 + 069.559 TO STA. 30 + 367.317**  
 SCALE 1:500 DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE

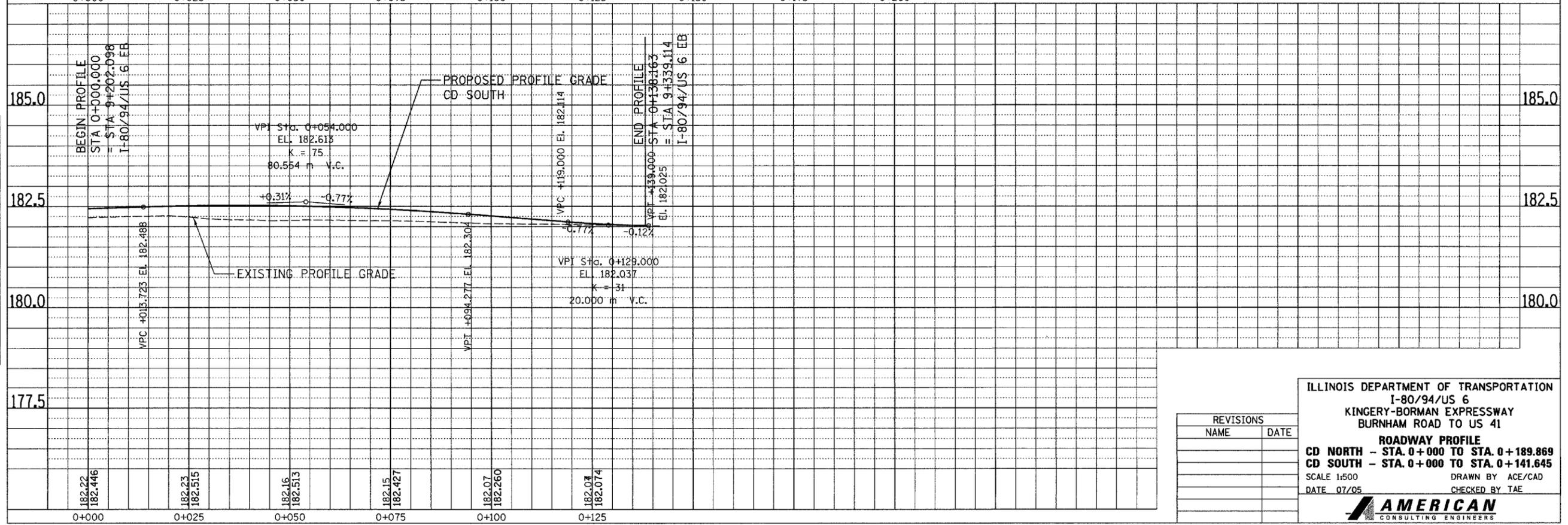
**AMERICAN**  
 CONSULTING ENGINEERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-1	COOK/LAKE	1207	84
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK NO.		
AREAS CHECKED		



ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK NO.		
AREAS CHECKED		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41

**ROADWAY PROFILE**  
CD NORTH - STA. 0+000 TO STA. 0+189.869  
CD SOUTH - STA. 0+000 TO STA. 0+141.645

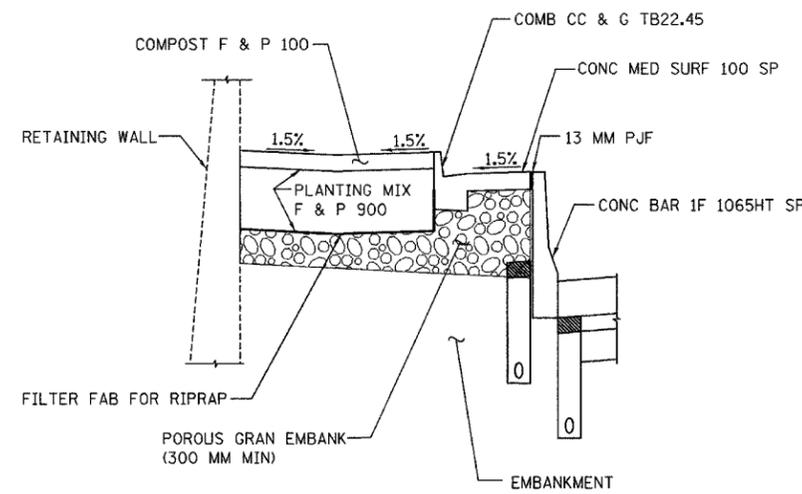
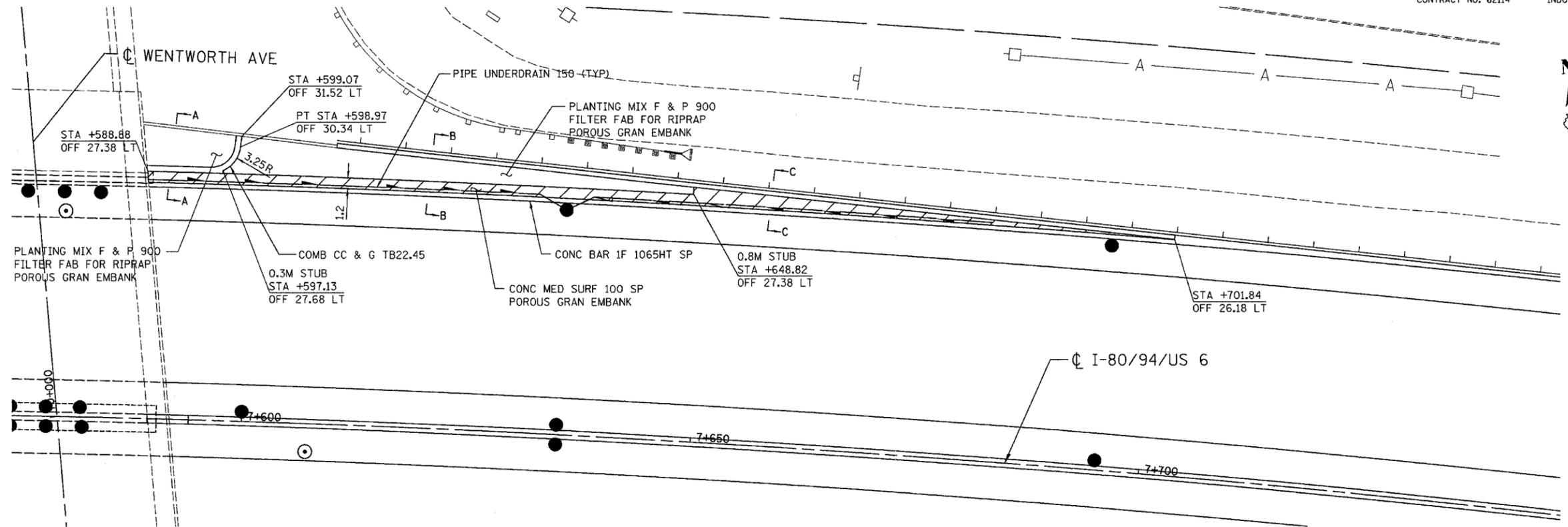
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DATE 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE

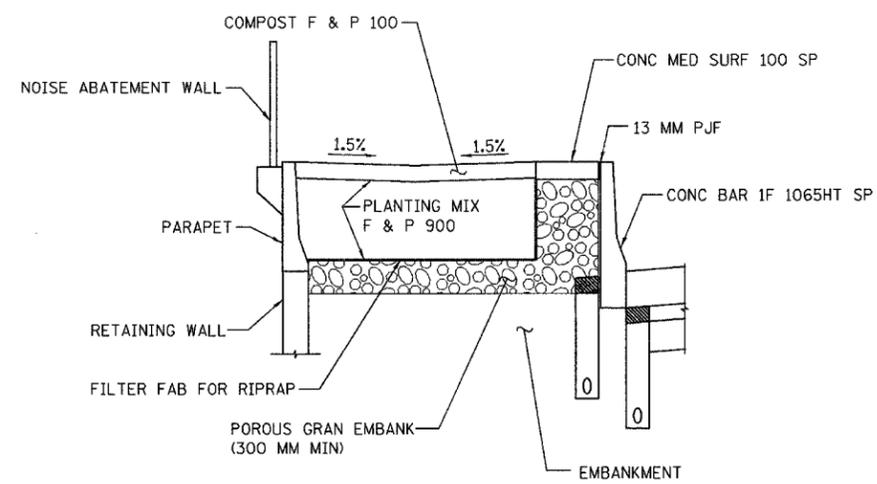
**AMERICAN**  
CONSULTING ENGINEERS

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

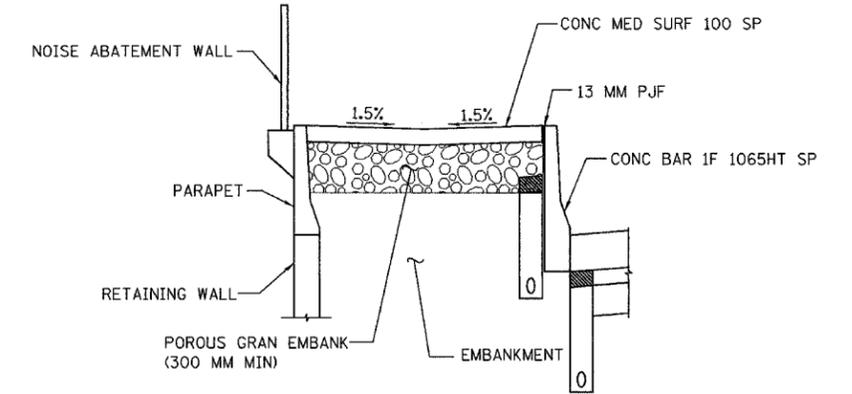
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80/94	2626.2-R-2	COOK/LAKE	1207	85
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



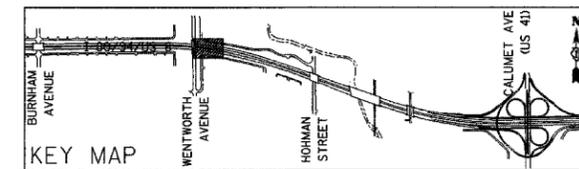
SECTION A-A



SECTION B-B



SECTION C-C



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6 (KINGERY EXPRESSWAY)  
BURNHAM ROAD TO US 41 (CALUMET AVE)

**GATEWAY DETAIL**

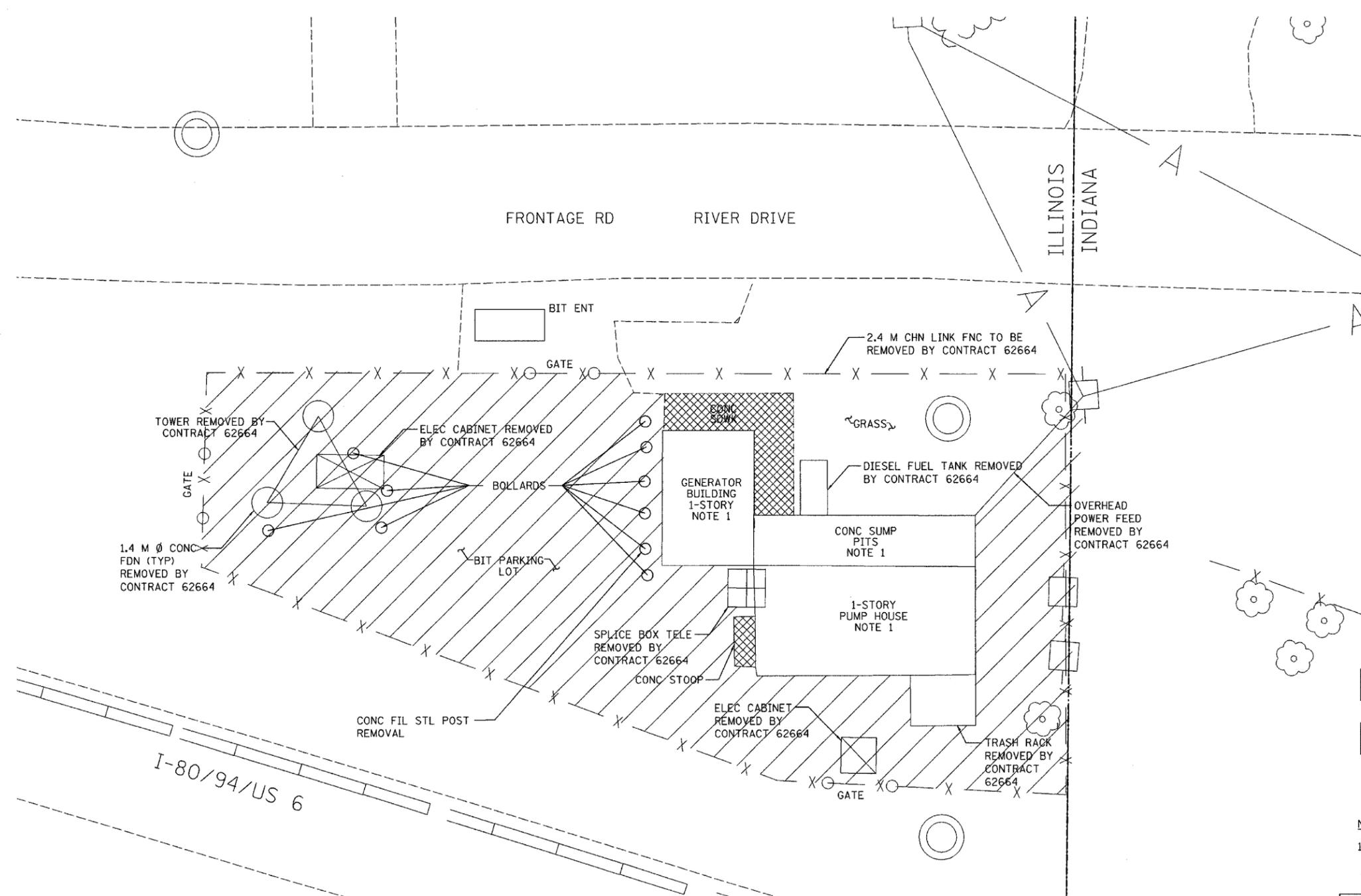
SCALE 1:250  
DATE 07/05

DRAWN BY ACE/CAD  
CHECKED BY TAE



ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	86
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



- PAVEMENT REMOVAL
- SIDEWALK REMOVAL

**NOTE:**  
 1. BUILDINGS AND FOUNDATIONS ARE REMOVED BY CONTRACT 62664

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6 (KINGERY EXPRESSWAY)  
 BURNAM ROAD TO US 41 (CALUMET AVE)

**EXISTING PUMP STATION  
 REMOVAL PLAN**

REVISIONS	
NAME	DATE

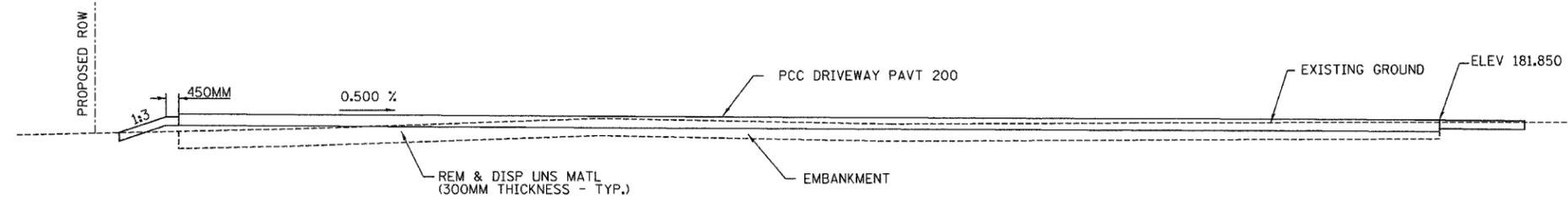
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 DATE 07/05  
 DRAWN BY ACE/CAD  
 CHECKED BY TAE



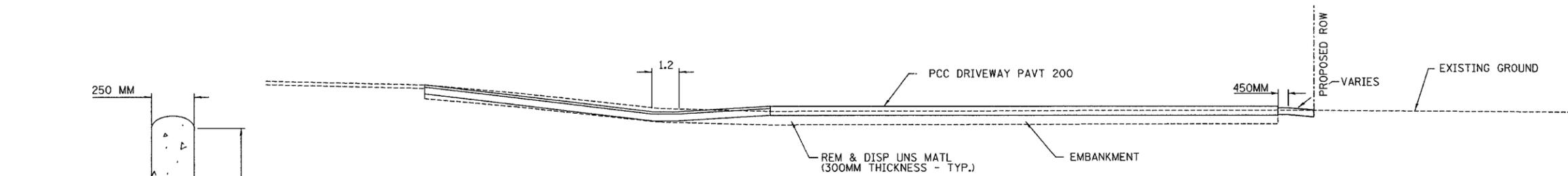


ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

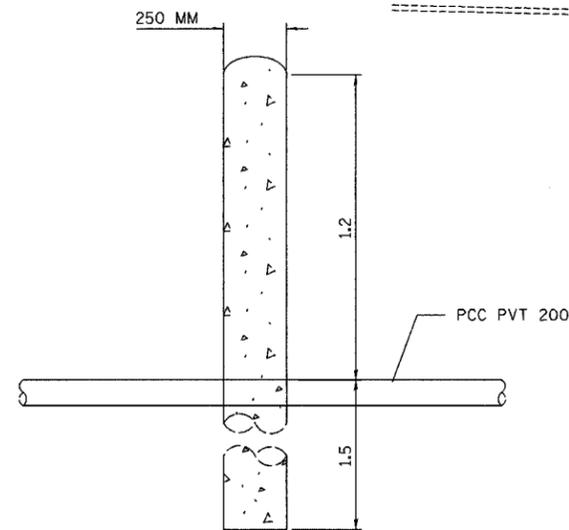
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80/94	2626.2-R-2	COOK/LAKE	1207	88
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



SECTION A-A



SECTION B-B



DETAIL A  
CONCRETE FILLED STEEL POST DETAIL

REVISIONS	
NAME	DATE

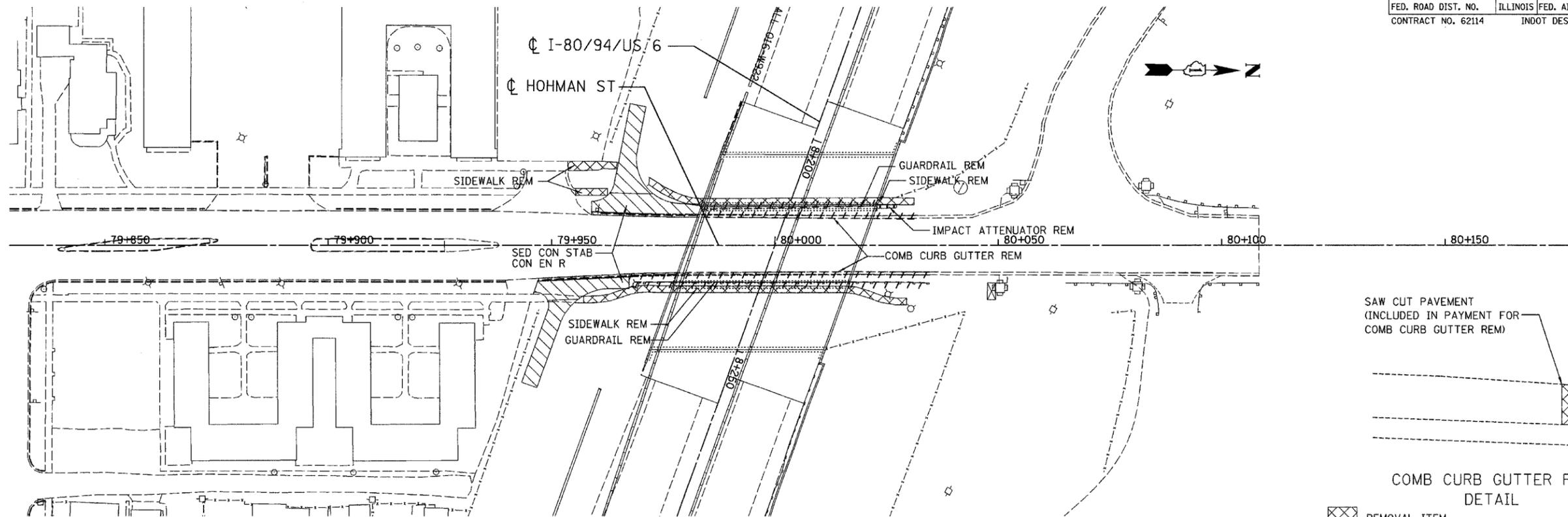
ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**STATELINE SITE PLAN  
CROSS SECTIONS & DETAILS**

SCALE NTS  
DATE 07/05  
DRAWN BY ACE/CAD  
CHECKED BY TAE

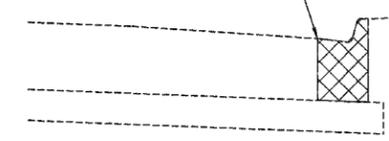


ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	89
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

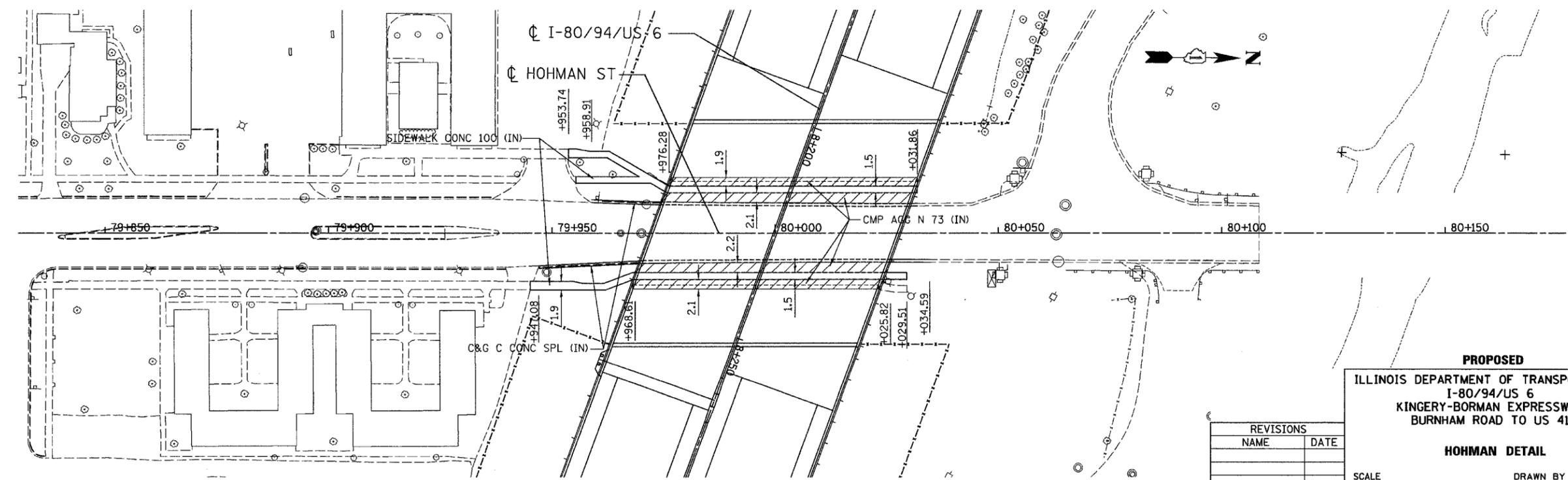


SAW CUT PAVEMENT  
(INCLUDED IN PAYMENT FOR  
COMB CURB GUTTER REM)



COMB CURB GUTTER REM  
DETAIL

REMOVAL ITEM  
EXISTING



**PROPOSED**  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41

**HOHMAN DETAIL**

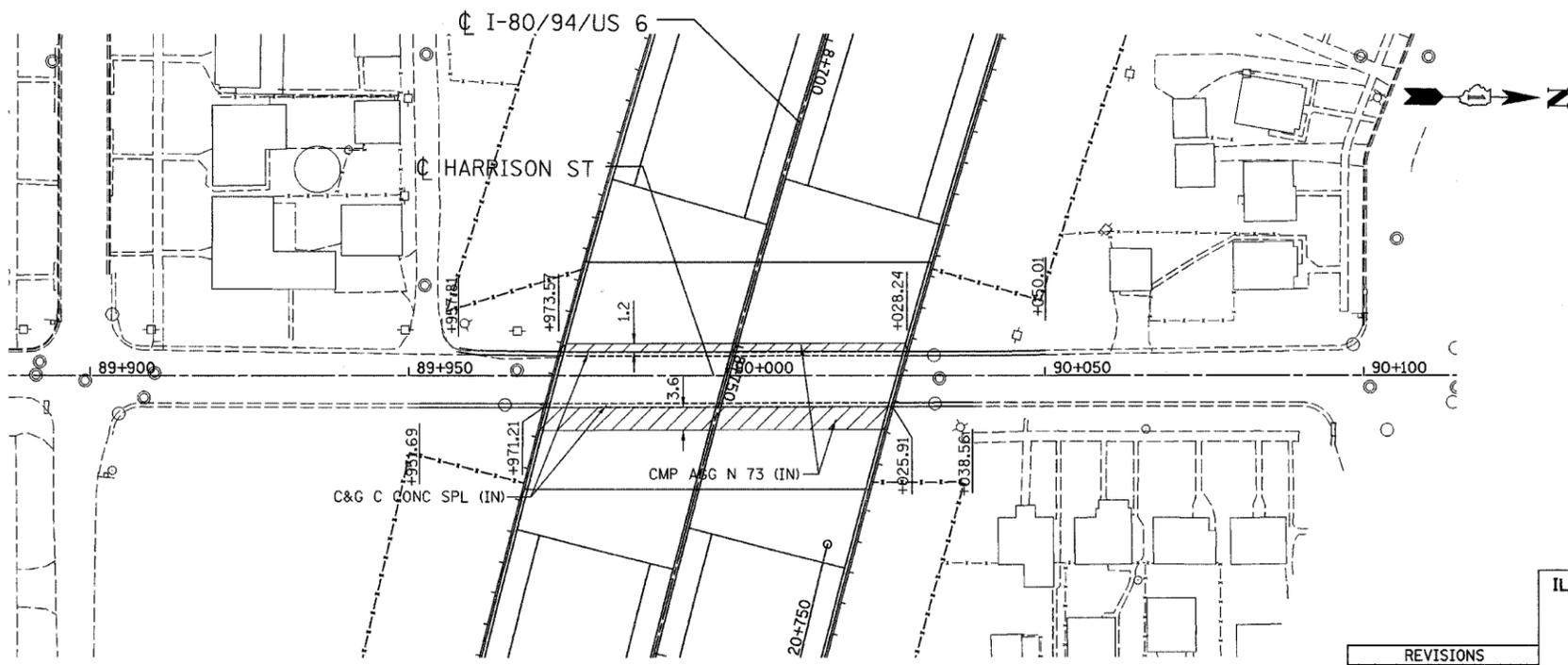
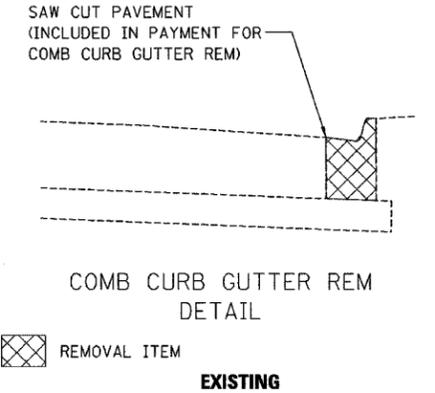
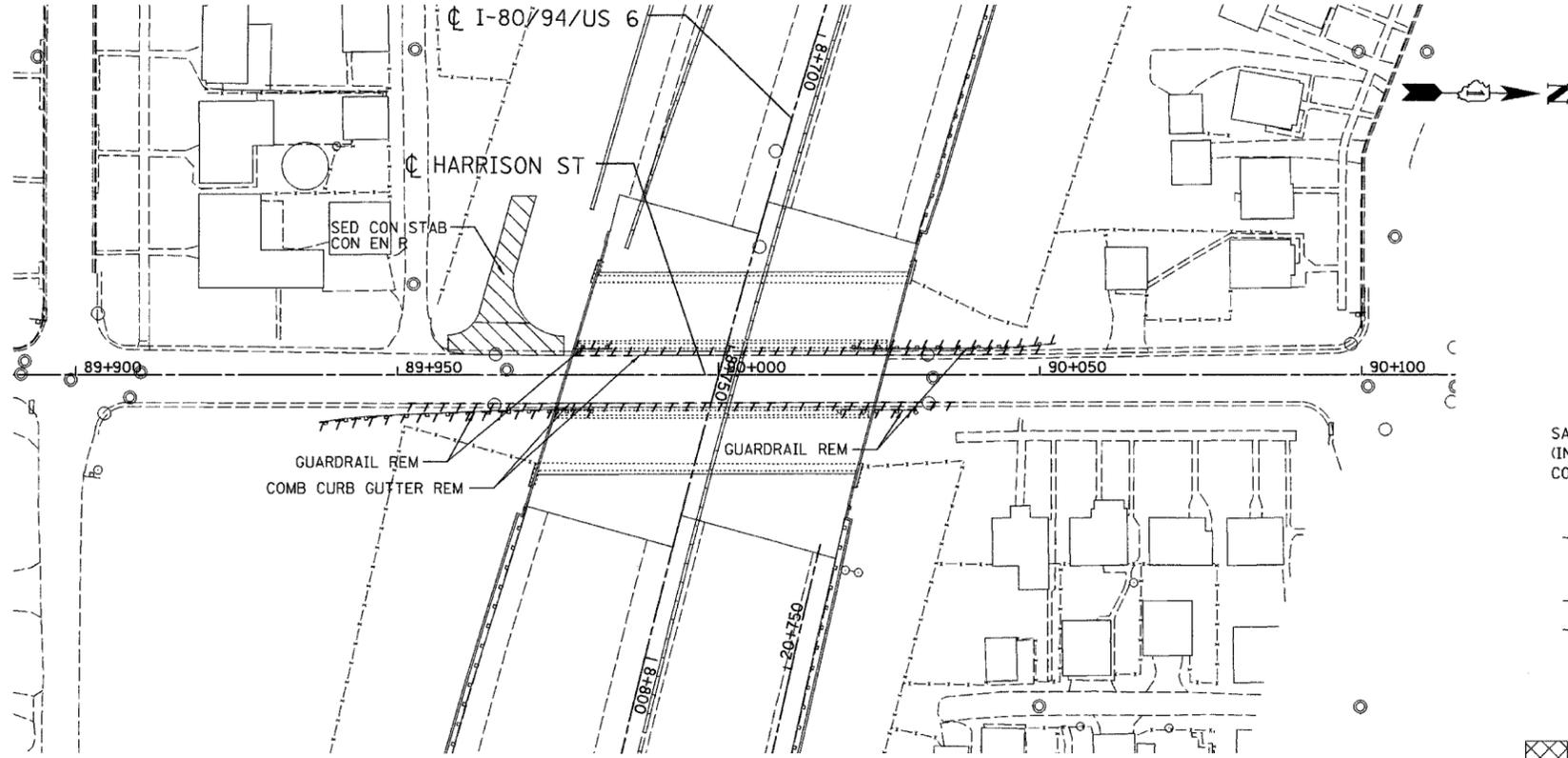
REVISIONS	
NAME	DATE

SCALE DATE 07/05 DRAWN BY ACE/CAD CHECKED BY TAE



ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	90
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



REVISIONS	
NAME	DATE

**PROPOSED**

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41

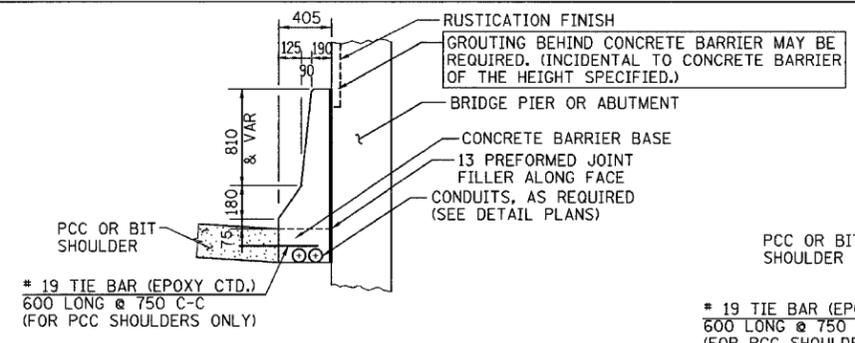
**HARRISON DETAIL**

SCALE \_\_\_\_\_ DRAWN BY ACE/CAD  
DATE 07/05 CHECKED BY TAE

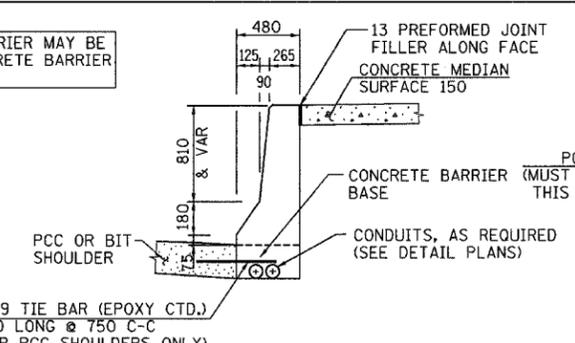
**AMERICAN**  
CONSULTING ENGINEERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	91
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

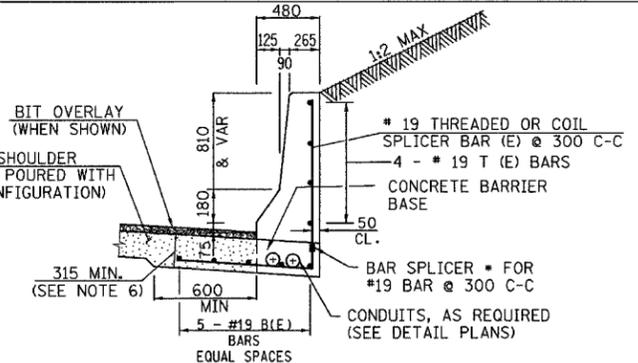
\* THE BAR SPLICER SHALL BE CAPABLE OF DEVELOPING A MINIMUM OF 125% OF THE YIELD STRENGTH OF A #19 BAR



**SECTION F**  
CONC BAR 1F 1065 HT  
CONCRETE BARRIER, SINGLE FACE,  
1065 HEIGHT



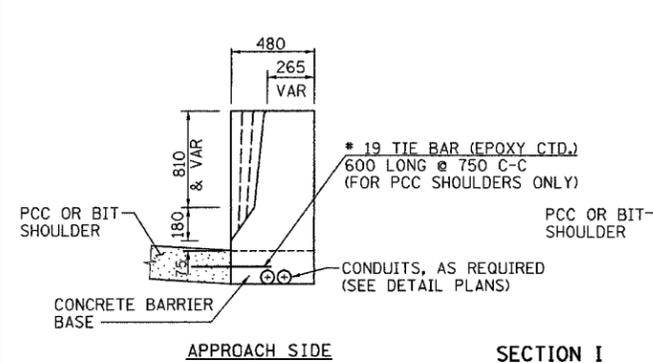
**SECTION G**  
CONC BAR 1F 1065 HT  
CONCRETE BARRIER, SINGLE FACE,  
1065 HEIGHT



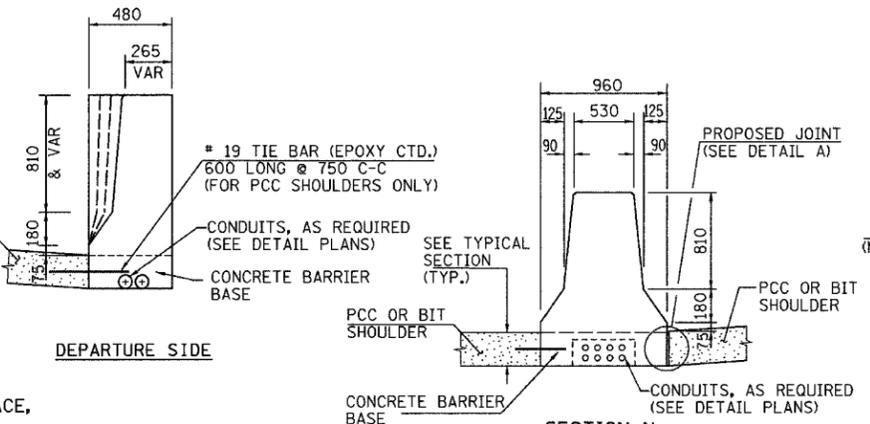
**SECTION H**  
CONC BAR 1F 1065 HT REINF  
CONCRETE BARRIER, SINGLE FACE,  
1065 HEIGHT, REINFORCED  
CUT SECTION

REINFORCING BARS 6.1 m SECTION				
BAR	NO.	SIZE	LENGTH	SHAPE
B(E)	5	#19	6.00 m	—
T(E)	4	#19	6.00 m	—
REINFORCING BARS (EPOXY COATED)			Kg	121
BAR SPLICER			EACH	21

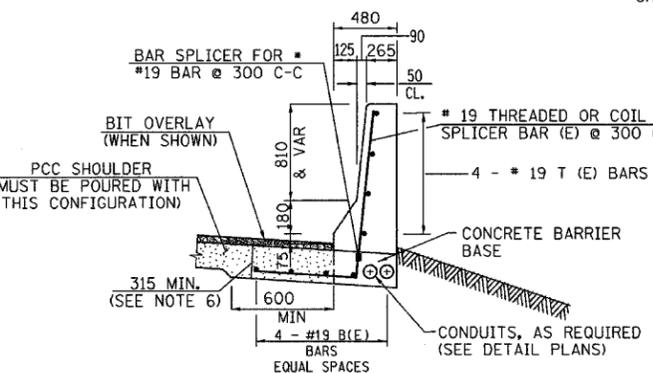
\*\* LONGITUDINAL BARS SHOULD NOT EXTEND THROUGH JOINTS.



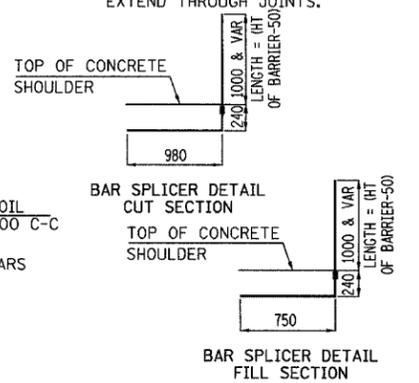
**SECTION I**  
CONC BAR 1F 1065 HT  
CONCRETE BARRIER, SINGLE FACE,  
1065 HEIGHT



**SECTION N**  
CONC BAR 2F 1065 HT  
CONCRETE BARRIER, DOUBLE FACE,  
1065 HEIGHT

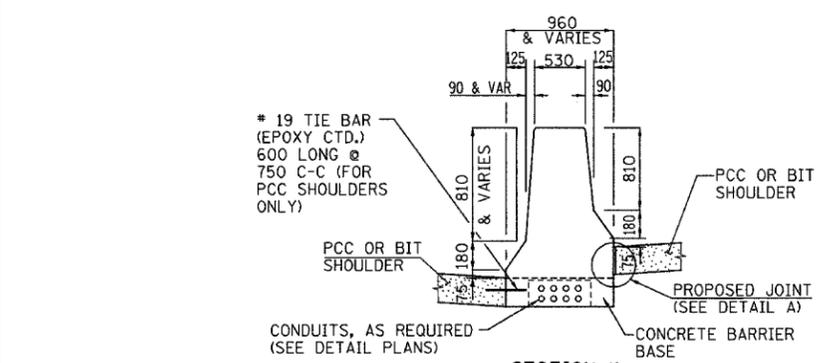


**SECTION J**  
CONC BAR 1F 1065 HT REINF  
CONCRETE BARRIER, SINGLE FACE,  
1065 HEIGHT, REINFORCED  
FILL SECTION

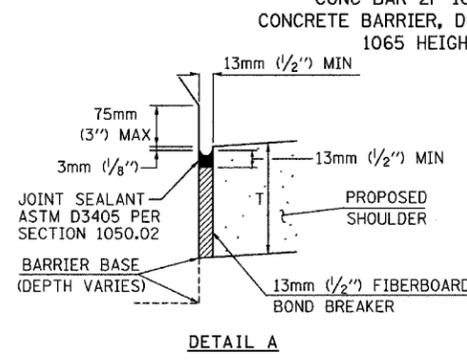


REINFORCING BARS 6.1 m SECTION				
BAR	NO.	SIZE	LENGTH	SHAPE
B(E)	4	#19	6.00 m	—
T(E)	4	#19	6.00 m	—
REINFORCING BARS (EPOXY COATED)			Kg	108
BAR SPLICER			EACH	21

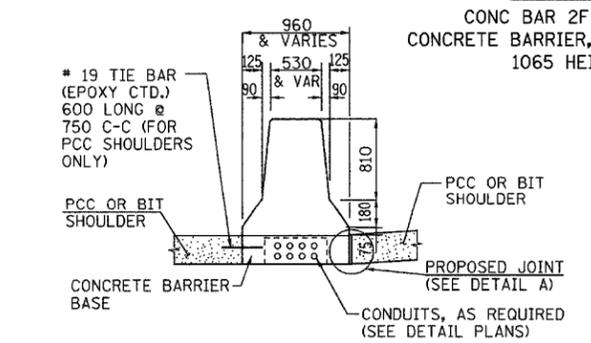
\*\* LONGITUDINAL BARS SHOULD NOT EXTEND THROUGH JOINTS.



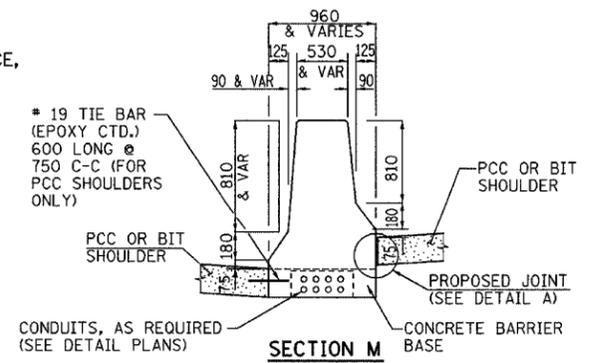
**SECTION K**  
CONC BAR 2F 1065 HT  
CONCRETE BARRIER, DOUBLE FACE,  
1065 HEIGHT



**DETAIL A**

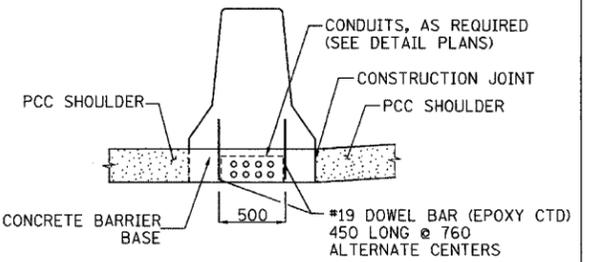


**SECTION L**  
CONC BAR 2F 1065 HT  
CONCRETE BARRIER, DOUBLE FACE,  
1065 HEIGHT



**SECTION M**  
CONC BAR 2F 1065 HT  
CONCRETE BARRIER, DOUBLE FACE,  
1065 HEIGHT

- LEGEND:**  
PAY LIMITS OF BITUMINOUS OR PCC SHOULDERS.
- NOTES:**
- FOR ADDITIONAL CONCRETE BARRIER DETAILS SEE STANDARDS 637001 & 637006.
  - FOR ADDITIONAL SHOULDER DETAILS SEE TYPICAL SECTIONS, PIPE UNDERDRAIN & SUBGRADE DETAILS FOR OPEN AND CLOSED DRAINAGE SYSTEMS, P.C.C SHOULDER DETAILS AND/OR STANDARDS 601001, 482006, 483001 & 482001 AS APPLICABLE.
  - A 25 RADIUS CAN BE SUBSTITUTED FOR THE 13 CHAMFER AT THE TOP OF THE BARRIER WALL.
  - FOR BITUMINOUS SHOULDERS -- DEPTH "T" EQUALS 450 MINIMUM.
  - FOR PCC SHOULDERS -- DEPTH "T" SHALL BE 255 MINIMUM OR THE SHOULDER DEPTH IF GREATER.
  - THE THICKENED PCC SHOULDER FOR THE REINFORCED CONCRETE BARRIER SECTION SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE TYPE INVOLVED.
  - ALL REINFORCING BARS, BAR SPLICERS, TIE BARS AND DOWEL BARS SHALL BE SEATED IN THE FINAL POSITION PRIOR TO THE CONCRETE OPERATIONS. BARS CANNOT BE MUCKED INTO PLACE.
  - THE FURNISHING AND PLACING OF TIE BARS AND DOWEL BARS SHALL BE INCLUDED IN THE COST OF PCC SHOULDER OF THE THICKNESS SPECIFIED.
  - THE FURNISHING AND PLACING OF BAR SPLICERS, TIE BARS AND DOWEL BARS SHALL BE INCLUDED IN THE COST OF THE PCC SHOULDER OF THE THICKNESS SPECIFIED.
  - THE CONDUIT LOCATIONS SHOWN ARE TYPICAL. ADDITIONAL CONDUITS MAY BE REQUIRED. FOR THE SIZE, LOCATION, AND DETAILS, SEE THE ELECTRICAL AND/OR SURVEILLANCE PLANS. THE FURNISHING AND PLACING OF CONDUITS OF THE SIZE SPECIFIED SHALL BE PAID FOR SEPARATELY.



**OPTIONAL CONFIGURATION**  
DOUBLE FACE BARRIER ON PCC SHOULDER

ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
MDV	01/30/04
MRN	3/29/04
MDV	8/25/04
MRN	4/20/05
NLP	8/04/05

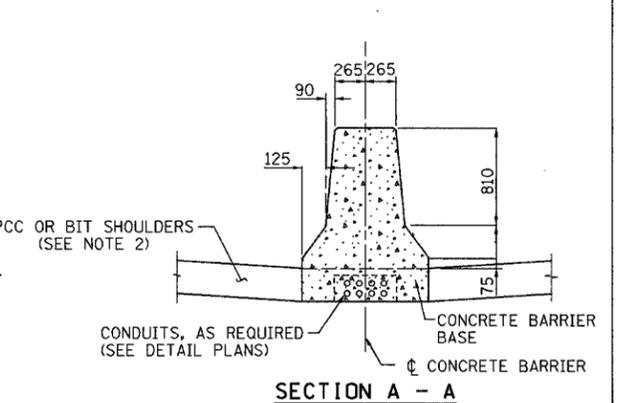
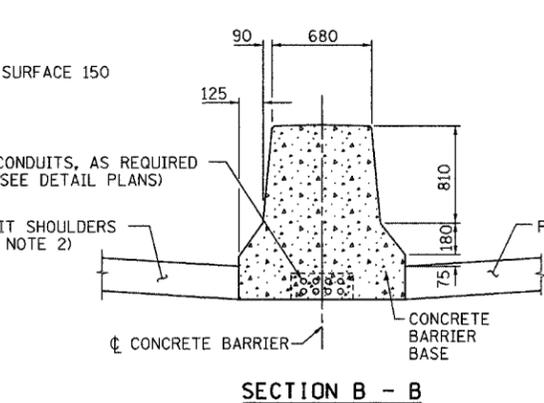
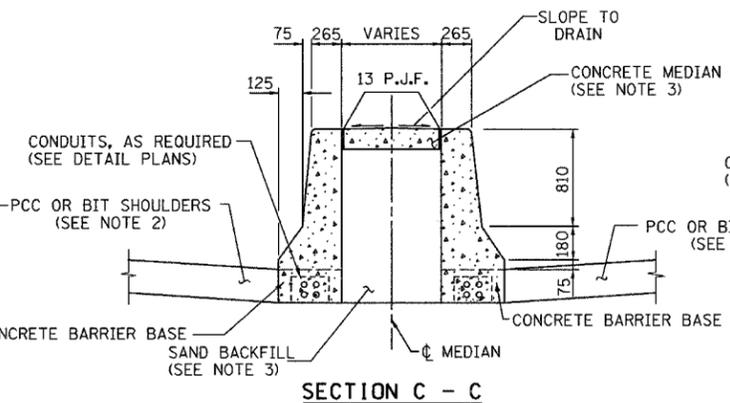
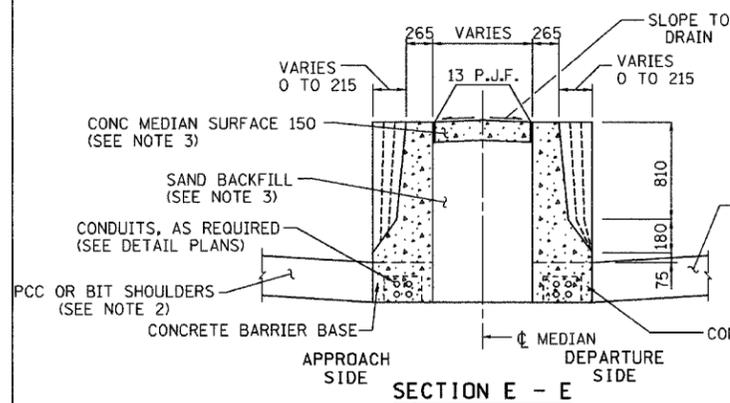
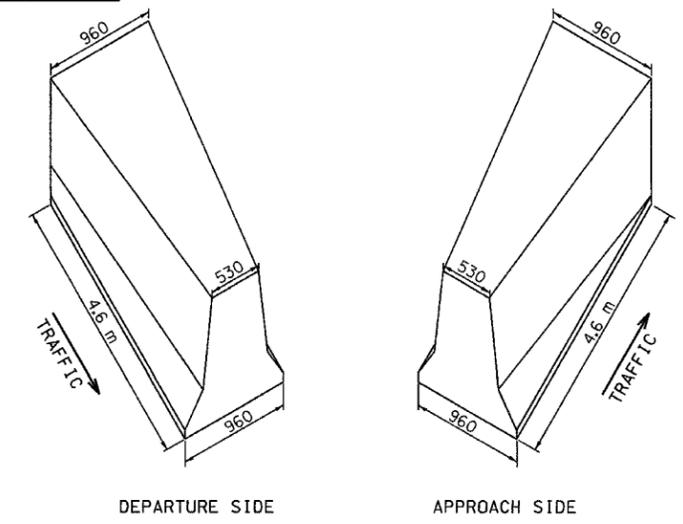
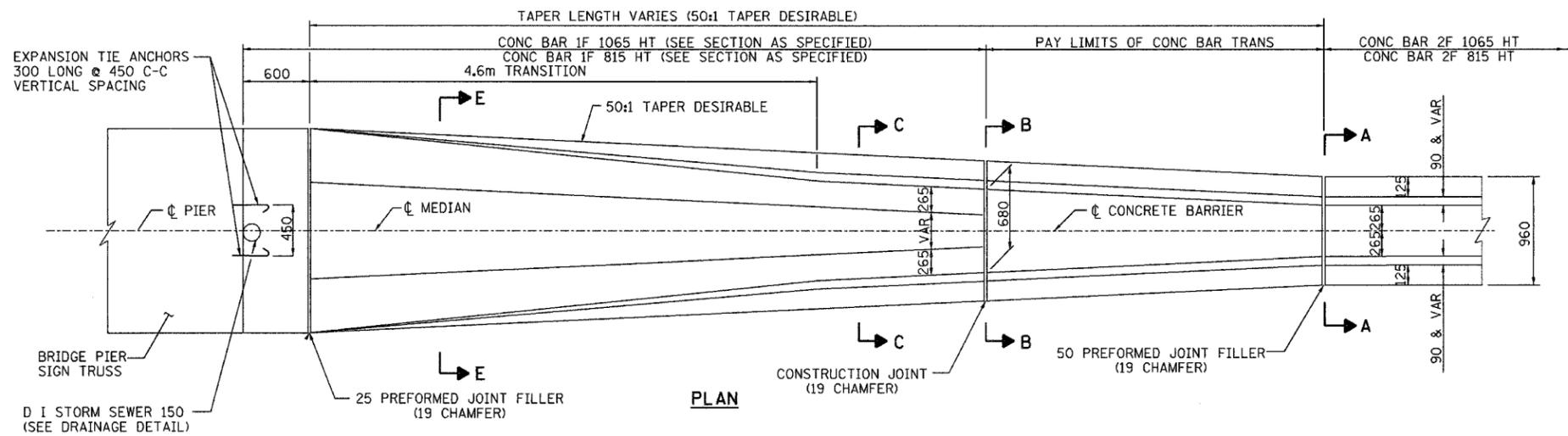
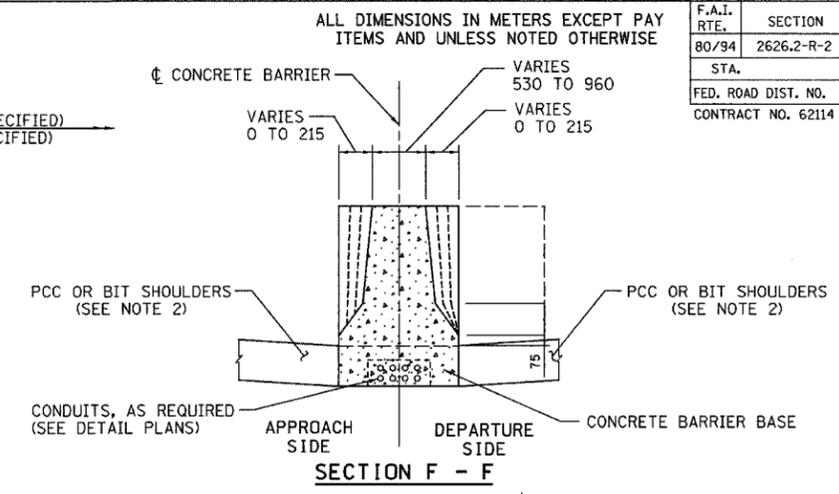
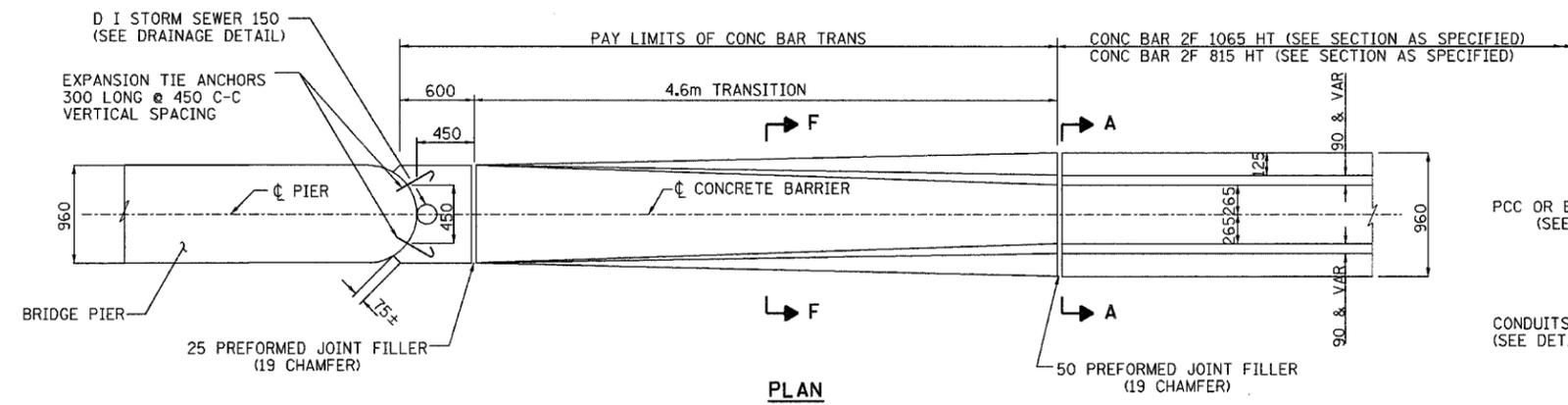
**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41

**CONCRETE BARRIER DETAILS**  
1065 MM WALL

SCALE NONE DRAWN BY ACE/CAD  
DATE 07/05 CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	92
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



**NOTES:**

- 1) FOR ADDITIONAL CONCRETE BARRIER DETAILS, INCLUDING TIE BAR PLACEMENT, SEE THE TYPICAL SECTION SHEETS AND CONCRETE BARRIER DETAILS, OF THE HEIGHT SPECIFIED.
- 2) FOR ADDITIONAL SHOULDER DETAILS SEE TYPICAL SECTIONS, PIPE UNDERDRAIN & SHOULDER DETAILS SHEET AND STANDARDS 601001,482006,483001 & 482001.
- 3) SAND BACKFILL AND CONCRETE MEDIAN SURFACE 150 WILL BE REQUIRED. FILLING WITH CONCRETE WILL NOT BE ALLOWED. THIS WORK SHALL BE PAID FOR SEPARATELY.
- 4) FURNISHING AND INSTALLING THE PREFORMED JOINT FILLER OF THE SIZE SPECIFIED SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE TYPE INVOLVED.
- 5) FURNISHING AND INSTALLING THE 19 EXPANSION TIE ANCHORS SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE TYPE INVOLVED.
- 6) THE REMOVAL OF THE EXISTING CONCRETE END BLOCKS IF APPLICABLE SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE TYPE INVOLVED.

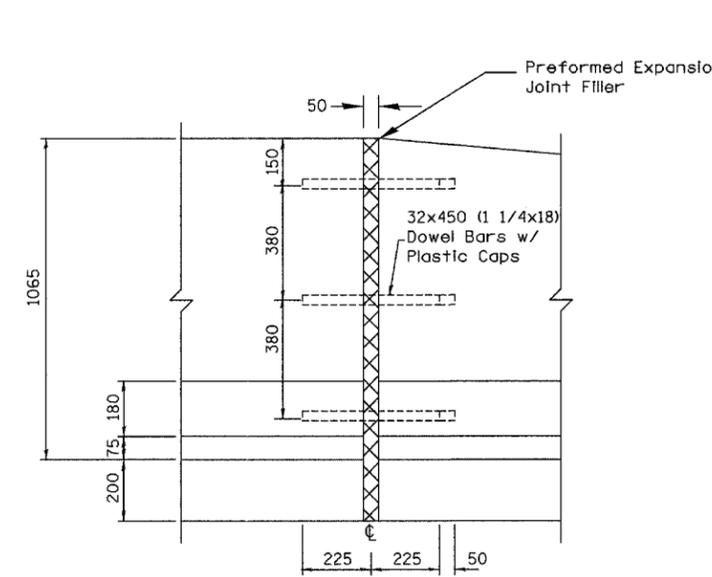
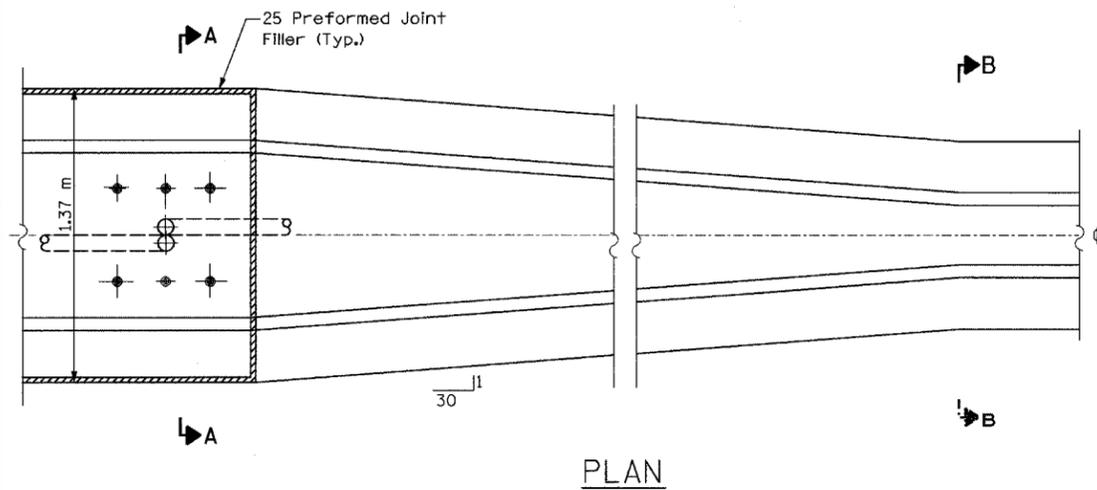
REVISIONS	
NAME	DATE
MDV	01/30/04
MRN	3/29/04
MRN	8/04/04
NLP	8/04/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**CONCRETE BARRIER  
 DETAILS**

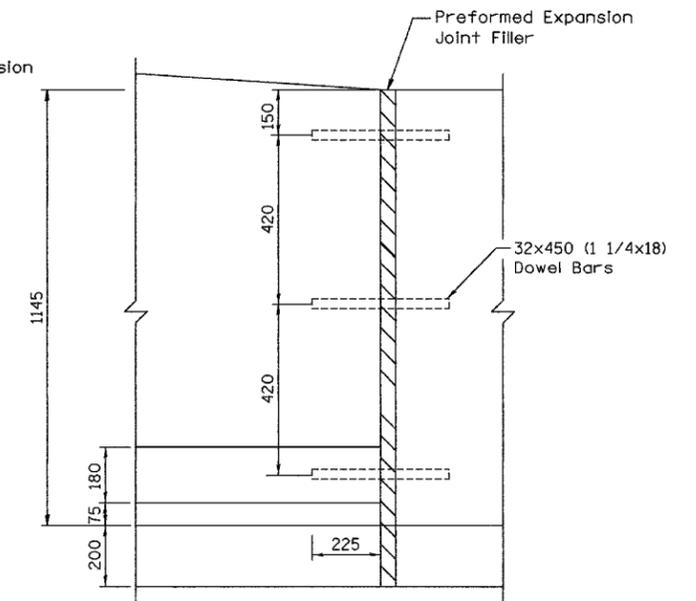
SCALE NONE DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

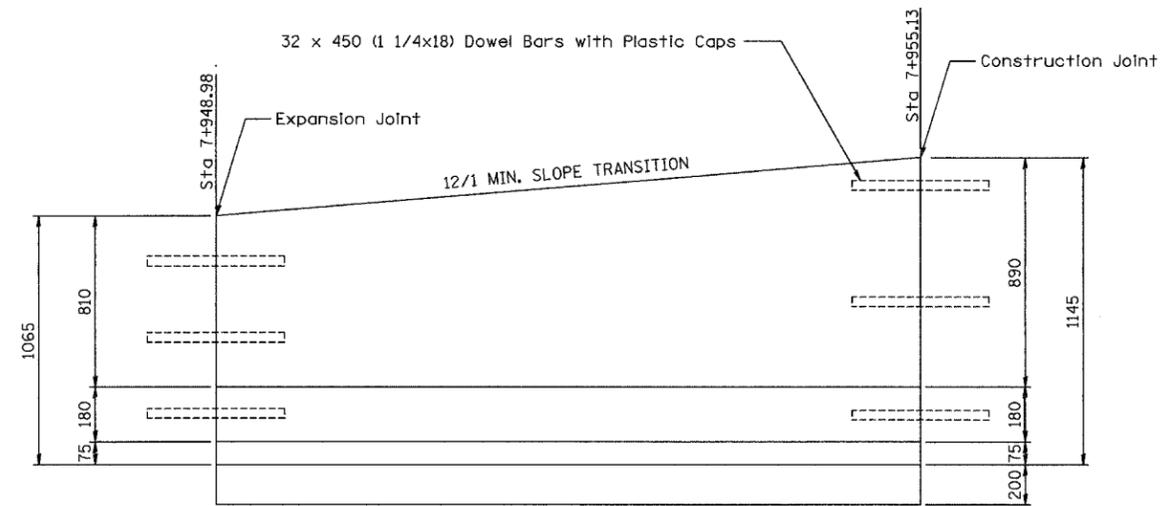
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	93
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



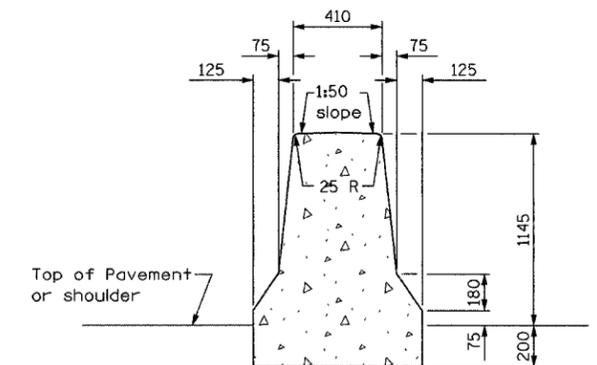
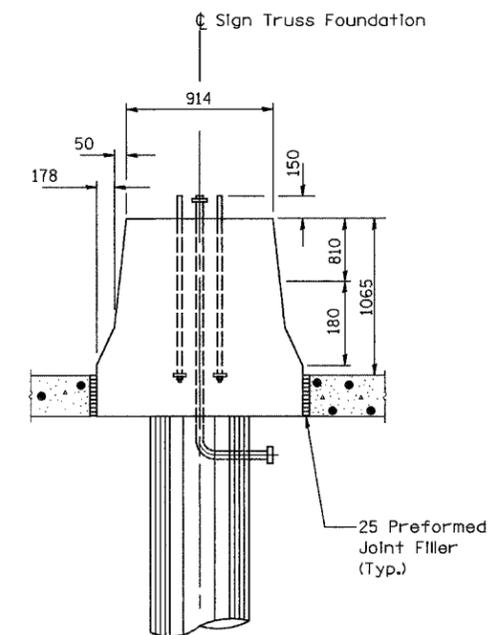
EXPANSION JOINT (1065 WALL)



CONSTRUCTION JOINT (1145 WALL)



ELEVATION



SECTION B-B

NOTES:

- 1) ALL REINFORCING BARS, BAR SPLICERS, TIE BARS AND DOWEL BARS SHALL BE SEATED IN THE FINAL POSITION PRIOR TO THE CONCRETE OPERATIONS. BARS CANNOT BE MUCKED INTO PLACE.
- 2) THE FURNISHING AND PLACING OF TIE BARS AND DOWEL BARS SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER TRANSITION.
- 3) FOR CONDUIT LOCATIONS, SIZE, AND DETAILS, SEE THE ELECTRICAL AND/OR SURVEILLANCE PLANS. THE FURNISHING AND PLACING OF CONDUITS OF THE SIZE SPECIFIED SHALL BE PAID FOR SEPARATELY. EXPANSION/DEFLECTION COUPLES SHALL BE INCLUDED IN THE COST OF THE CONDUITS, OF THE SIZE SPECIFIED.
- 4) LENGTH OF BARRIER TRANSITION SHALL BE EQUAL TO LONGEST TRANSITION REQUIRED.

REVISIONS	
NAME	DATE

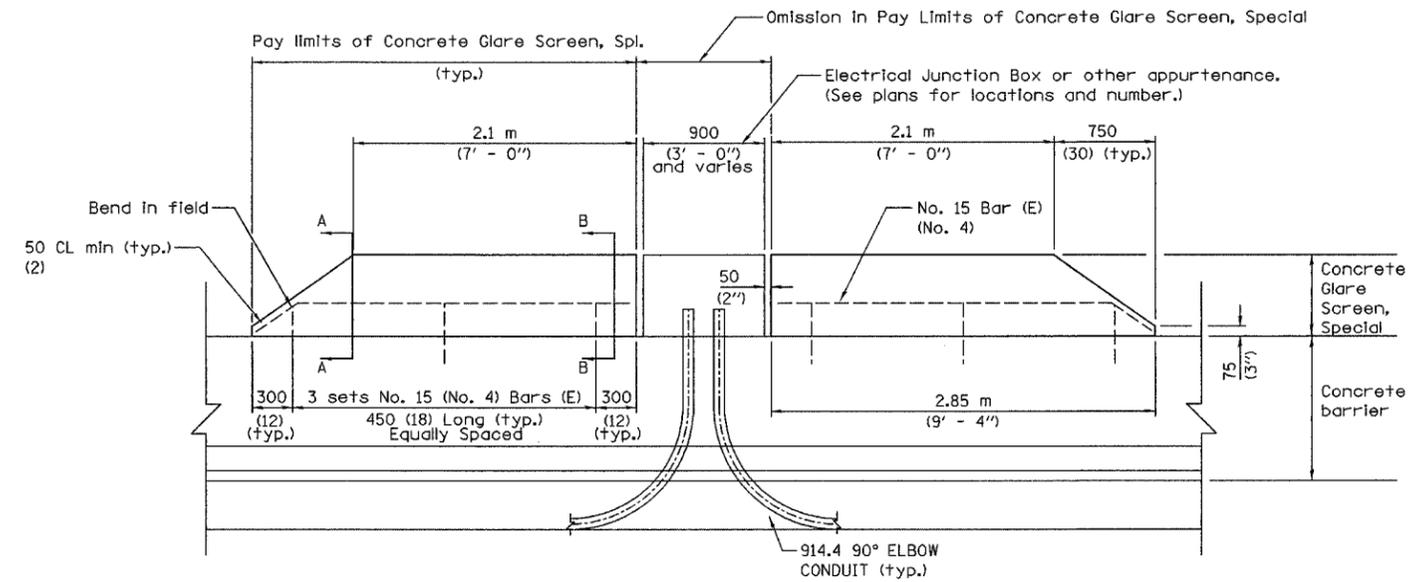
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**BARRIER TRANSITION DETAIL**

SCALE NONE  
 DATE 07/05

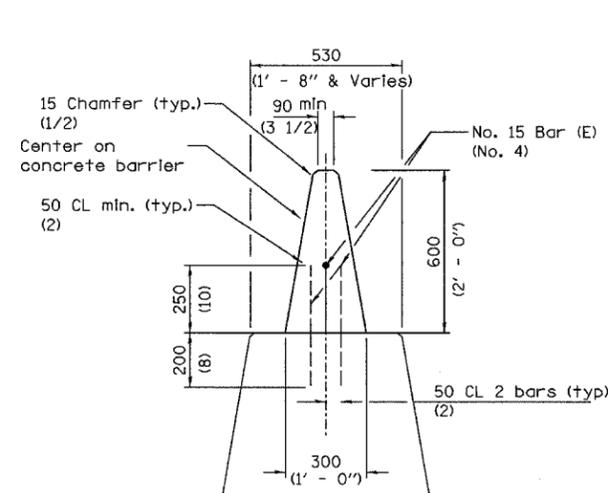
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 CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

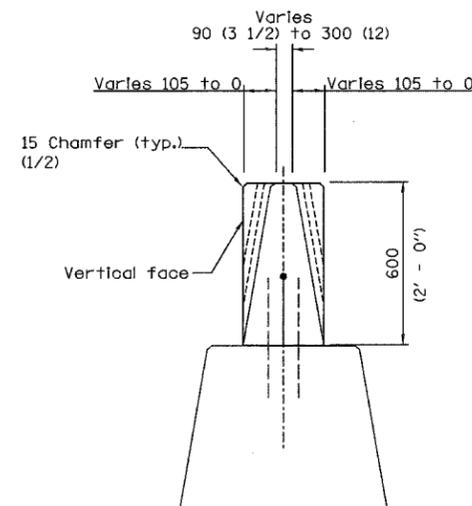
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	94
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



ELEVATION



SECTION A-A



SECTION B-B

(This section with vertical face shall be used in tangent sections between junction boxes and or other appurtenances.)

All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**CONCRETE GLARE SCREEN,  
 SPECIAL**

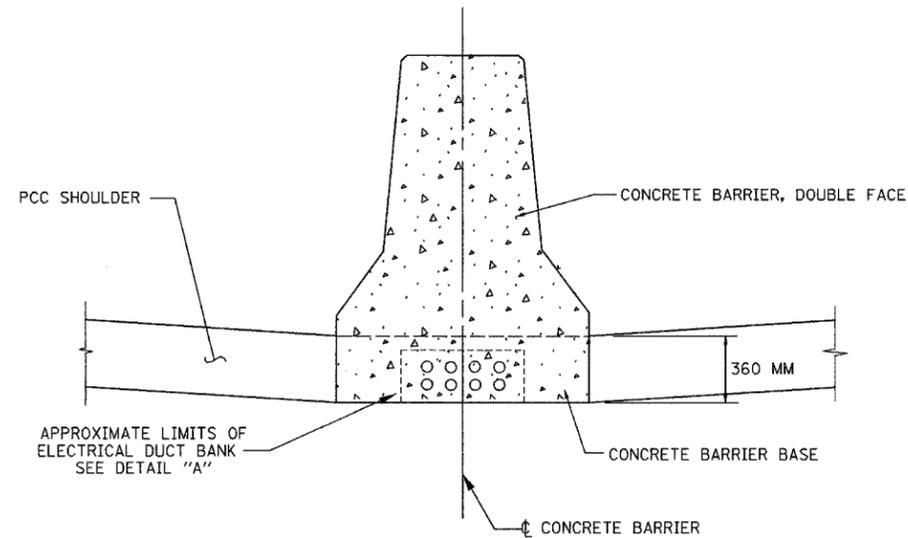
REVISIONS	
NAME	DATE

SCALE NONE  
 DATE 07/05  
 DRAWN BY ACE/CAD  
 CHECKED BY TAE



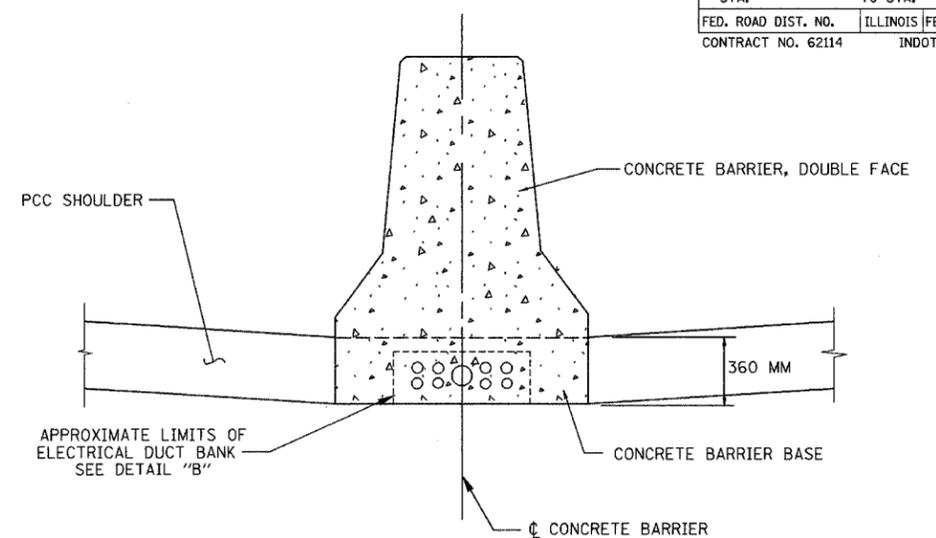
ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	95
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



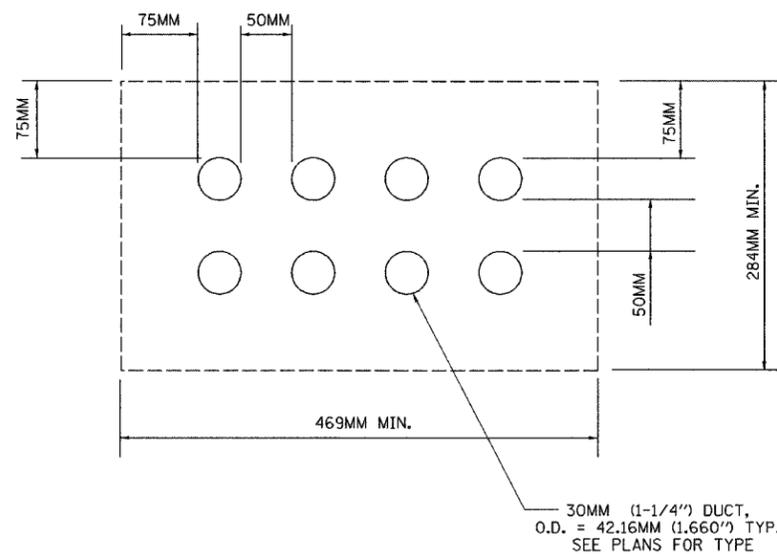
**CONCRETE BARRIER, DOUBLE FACE**

SHOWING 8 DUCT BANK



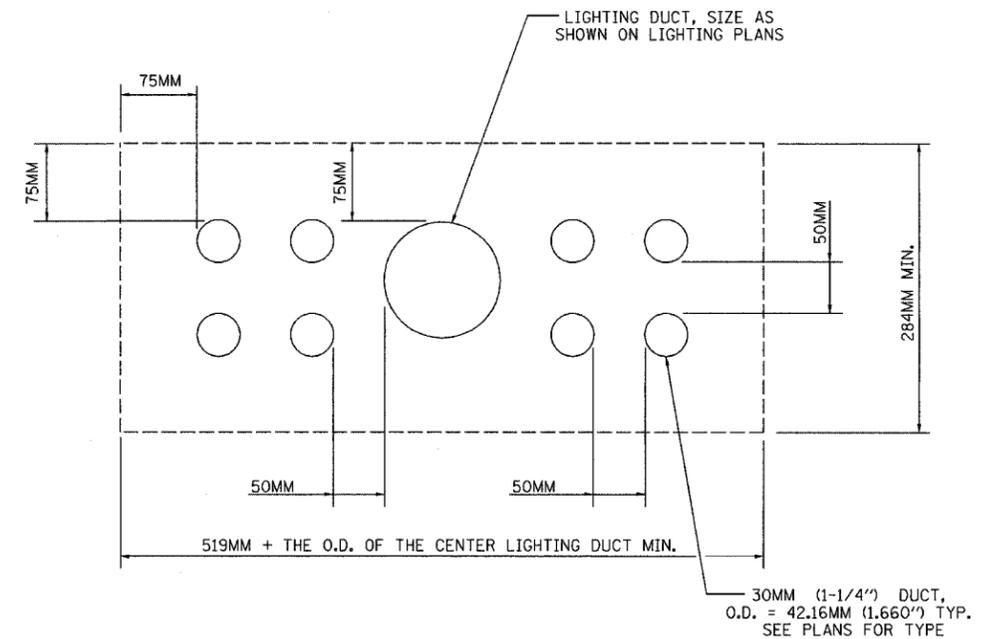
**CONCRETE BARRIER, DOUBLE FACE**

SHOWING 9 DUCT BANK



**DETAIL "A"**

SHOWING 8 CONDUITS EMBEDDED IN STRUCTURE



**DETAIL "B"**

SHOWING 9 CONDUITS EMBEDDED IN STRUCTURE

**NOTES:**

- 1) SEE "CONCRETE BARRIER DETAILS" FOR ADDITIONAL DETAILS OF THE CONCRETE BARRIER AND CONCRETE BARRIER BASE.
- 2) SEE PLANS FOR TYPES OF CONDUIT ENCASED IN CONCRETE.
- 3) THE LIGHTING DUCT SHALL BE OF THE TYPE AND SIZE AS SHOWN ON THE LIGHTING PLANS.

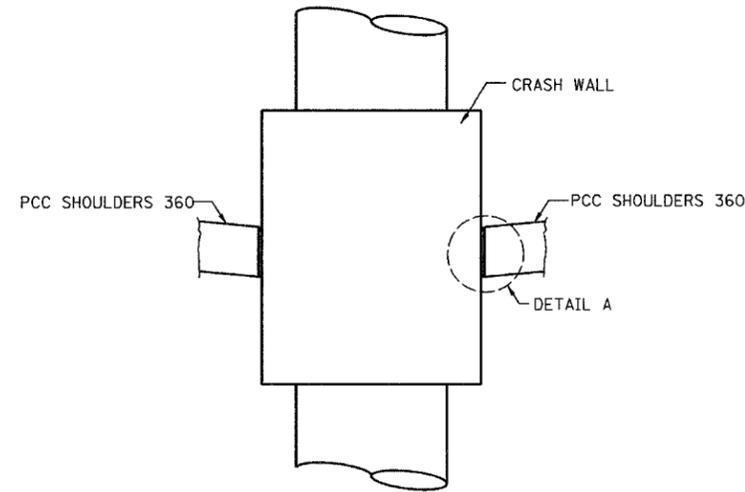
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**DETAIL FOR CONDUITS  
 EMBEDDED IN CONCRETE  
 BARRIER BASE**  
 SCALE NONE DRAWN BY ACE/CAD  
 DATE 07/05 CHECKED BY TAE

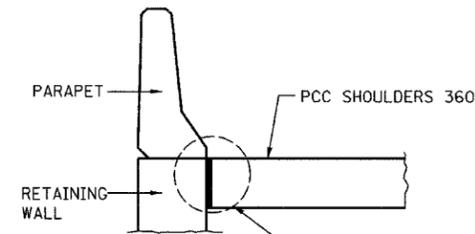
**AMERICAN**  
 CONSULTING ENGINEERS

ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

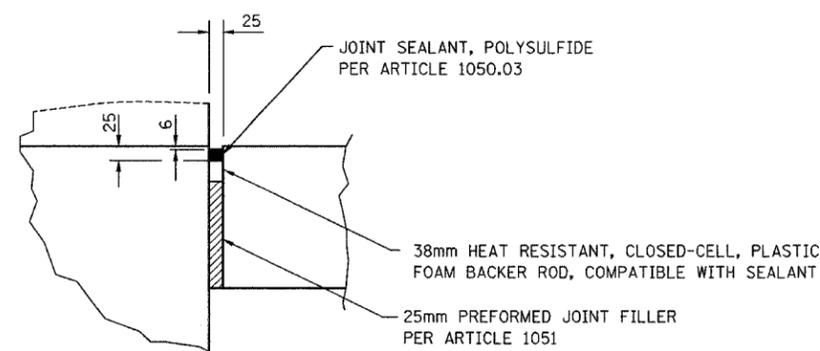
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		



ELEVATION VIEW @ CRASH WALL



ELEVATION VIEW @ RETAINING WALL

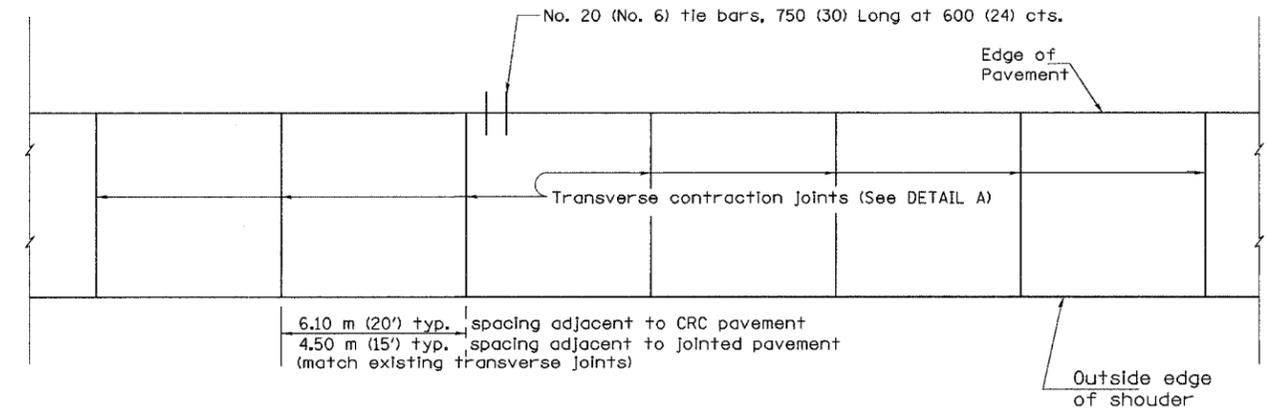


DETAIL A

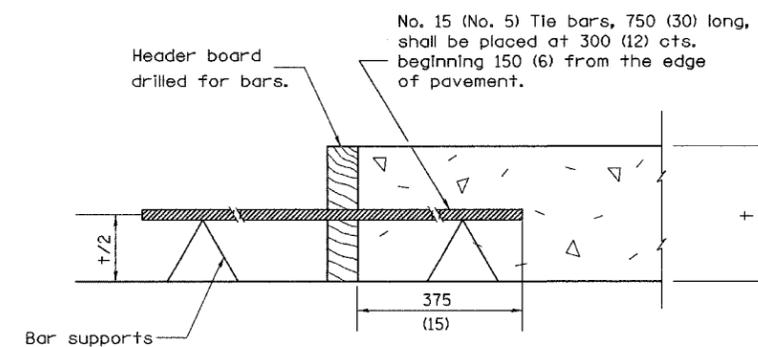
**SHOULDER JOINT AT RETAINING WALL / CRASH WALL DETAIL**

NOTE: THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF PCC SHOULDERS OF THE DEPTH SPECIFIED

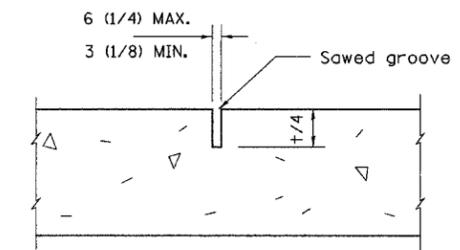
— Longitudinal Construction Joint



PLAN



TRANSVERSE CONSTRUCTION JOINT



DETAIL A  
TRANSVERSE CONTRACTION JOINT

NOTES

1. Transverse expansion joints shall be as detailed on Standard 420001 except that dowel bars will not be required.
2. See Standard 420001 for details not shown.

All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41

**PCC SHOULDER DETAILS**

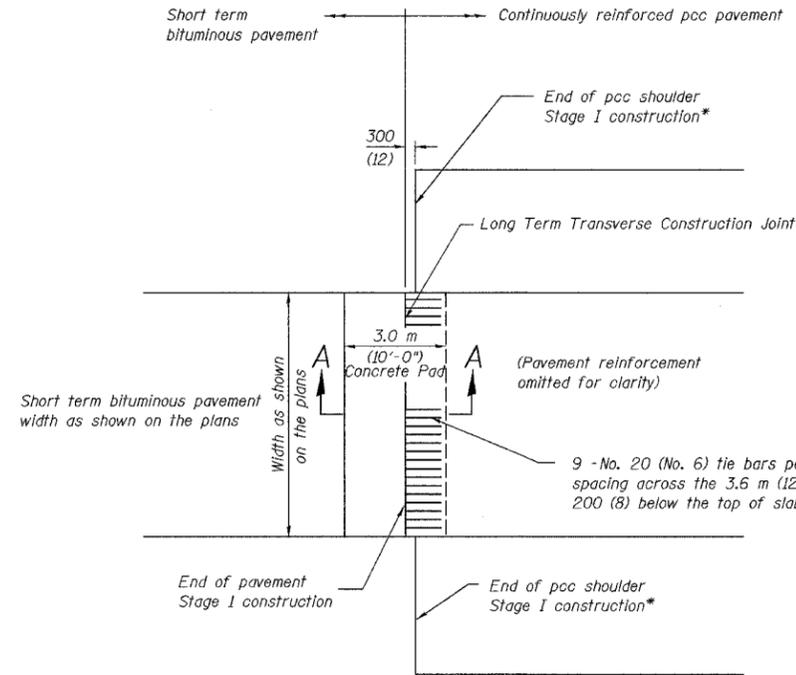
REVISIONS	
NAME	DATE
Added bar supports.	4/05

SCALE NTS  
DATE 07/05  
DRAWN BY ACE/CAD  
CHECKED BY TAE



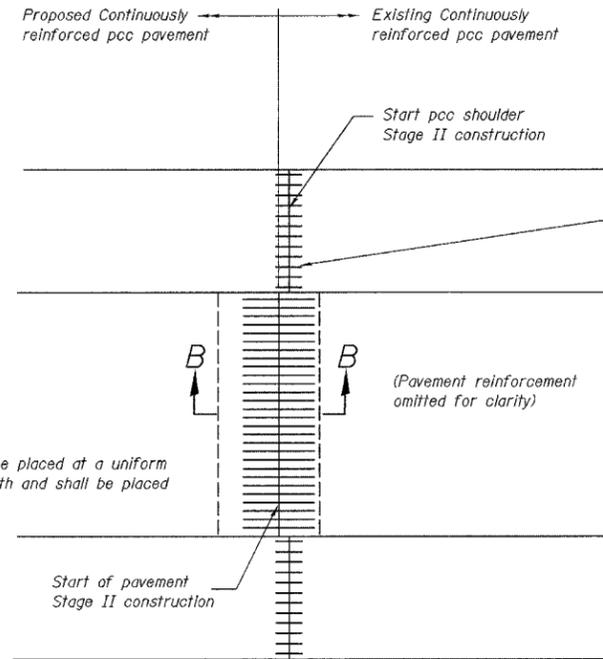
ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

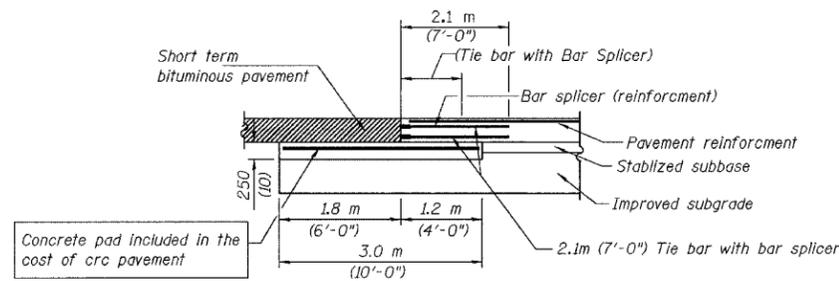


\* Pcc shoulder as shown on the plans.

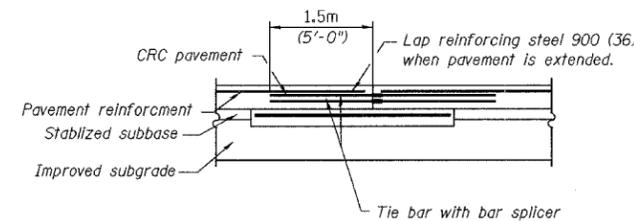
**PLAN**  
(STAGE I CONSTRUCTION)



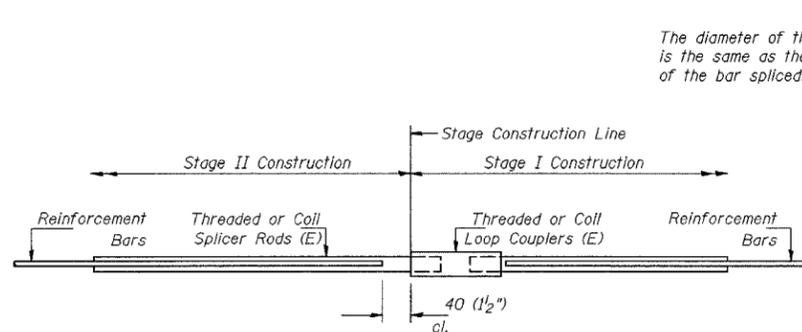
**PLAN**  
(STAGE II CONSTRUCTION)



**LONG TERM TRANSVERSE CONSTRUCTION JOINT**  
**SECTION A-A**  
(STAGE I CONSTRUCTION)

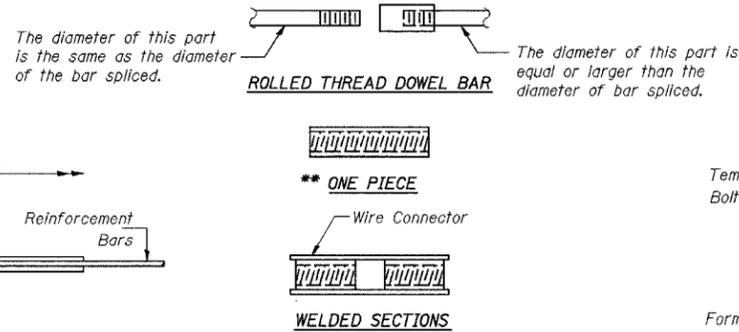


**LONG TERM TRANSVERSE CONSTRUCTION JOINT**  
**SECTION B-B**  
(STAGE II CONSTRUCTION)



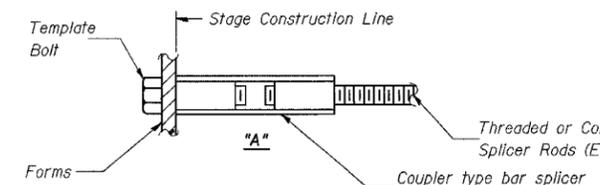
**BAR SPLICER ASSEMBLY DETAIL**

(E) : Indicates epoxy coating.



**BAR SPLICER ASSEMBLY ALTERNATIVES**

\*\* Heavy Hex Nuts conforming to ASTM A 563M, Grade C, D or DH may be used.



**INSTALLATION AND SETTING METHODS**

"A" : Set bar splicer assembly by means of a template bolt.  
(E) : Indicates epoxy coating.

**NOTES**

Bar splicer assemblies shall be of an IDOT approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.  
Bar splicers shall be of the "coupler" type, and shall not have flanges.  
Splicer rods shall be of minimum 400 MPa yield strength, threaded or coiled full length.  
All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.  
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars.  
Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

- Minimum Capacity =  $1.25 \times 10^{-3} \times f_y \times A_t$   
(Tension in kN)
- Minimum \*Pull-out Strength =  $1.25 \times 10^{-3} \times f_{sallow} \times A_t$   
(Tension in kN)

Where  $f_y$  = Yield strength of lapped reinforcement bars in MPa.  
 $f_{sallow}$  = Allowable tensile stress in lapped reinforcement bars in MPa (Service Load)  
 $A_t$  = Tensile stress area of lapped reinforcement bars ( $mm^2$ ).  
\* = 28 day concrete

BAR SPLICER ASSEMBLIES			
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kN (kips) - tension	Min. Pull-Out Strength kN (kips) - tension
#15	610 mm	100	40
#20	790 mm	150	60
#22	1.04 m	200	80
#25	1.37 m	250	100
#30	1.75 m	350	140

Bar splicer assemblies shall be according to Section 508 of the Standard Specifications, except as noted. The furnishing and installation of bar splicer assemblies for Stage I construction will be measured and paid for at the contract unit price each for "BAR SPLICERS, SPECIAL."

Stage I work will be paid for as BAR SPLICERS, SPECIAL. The concrete pad and reinforcement shall not be paid for separately but included in the cost of CONTINUOUSLY REINFORCED PORTLAND CEMENT PAVEMENT, of the thickness specified.

Stage II work includes obtaining, transporting the bar splicers for the second portion of the assembly from the IDOT Bishop Ford Maintenance facility (708) 331-4339, and the installation of the bar splicers, payment for this work will be included in the cost of CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT of the thickness specified. Tie bars to be drilled and grouted shall not be paid for separately but included in the cost of PORTLAND CEMENT CONCRETE SHOULDERS, of the thickness specified.

**GENERAL NOTES**

- See Standard 421001 for details of CRC pavement reinforcement.
- See Standards 420001 and 420401 for details of joints and tie bars not shown.
- See Standards 421201 and 421206 for details of concrete pad and transverse terminal joint.
- All dimensions are in millimeters (inches) unless otherwise noted.

REVISIONS	
NAME	DATE
KFA	12/18/03
MDV	1/5/04

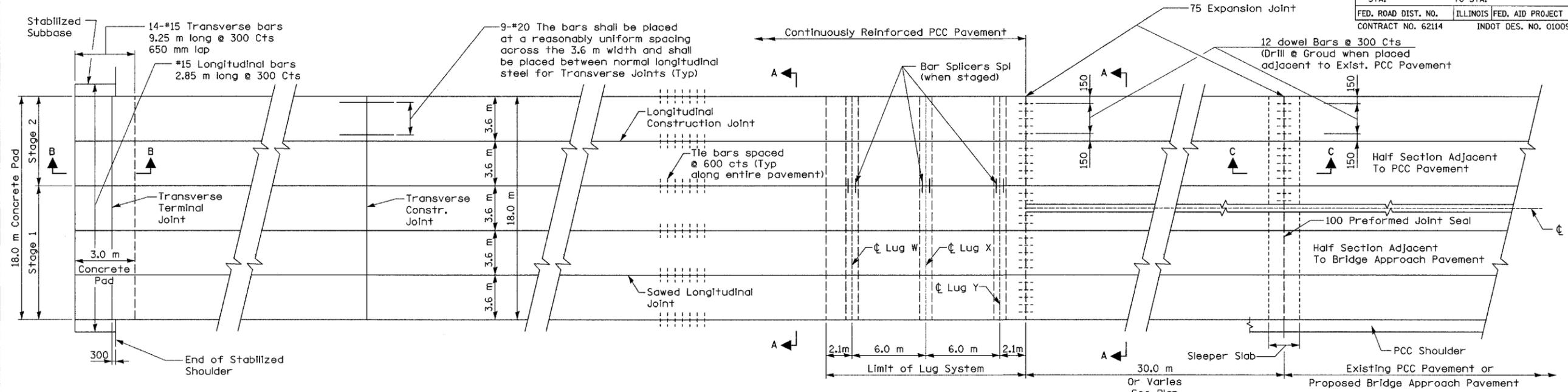
ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**LONG TERM TRANSVERSE CONSTRUCTION JOINT DETAILS**

SCALE NONE  
DATE 07/05

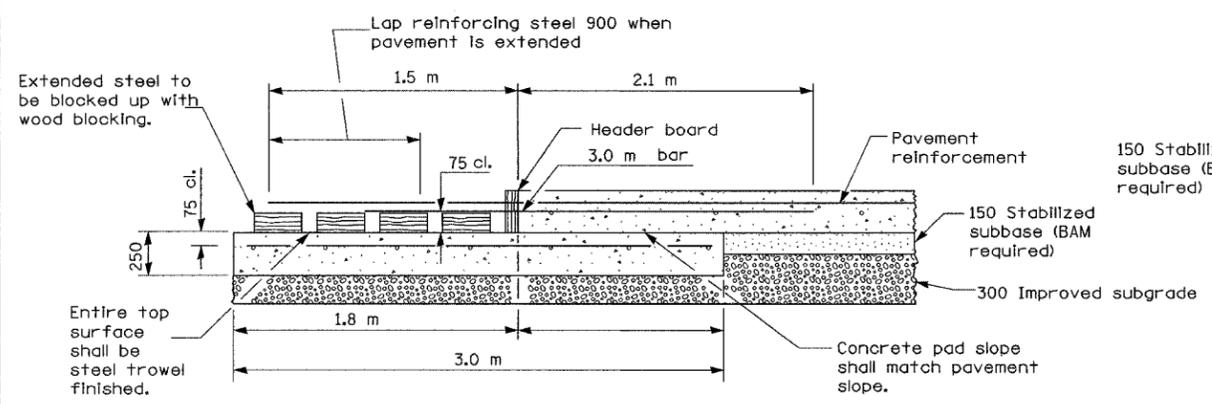
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CHECKED BY

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CONSULTING ENGINEERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

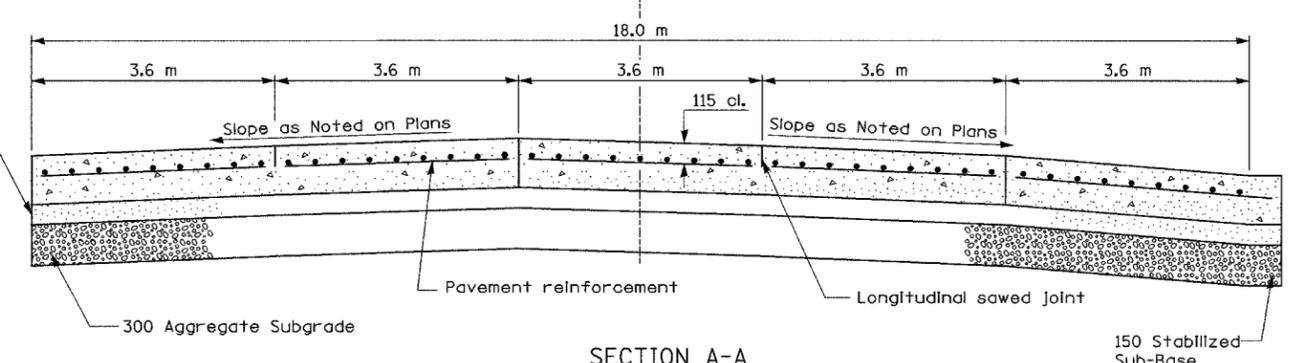


PLAN

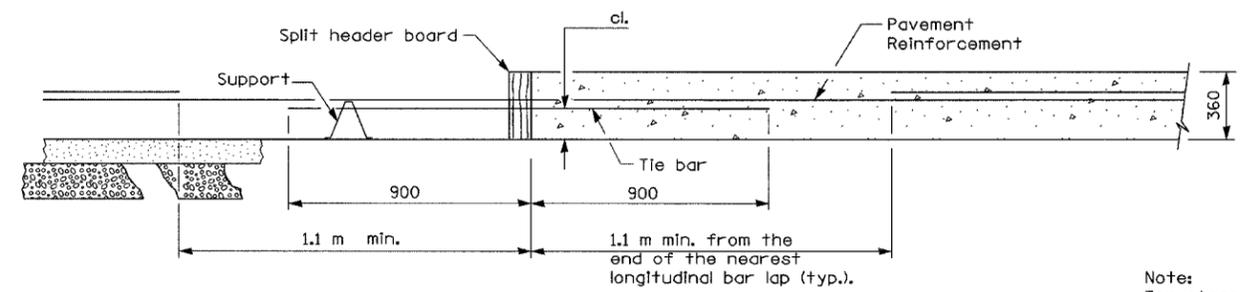


TRANSVERSE TERMINAL JOINT

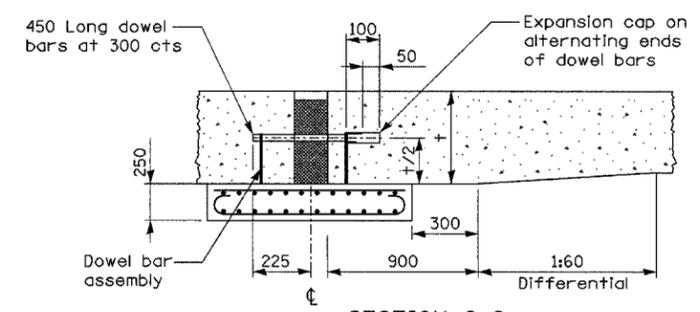
SECTION B-B



SECTION A-A



TRANSVERSE CONSTRUCTION JOINT



SECTION C-C

Note:  
For stage construction of Transverse Construction Joint, see detail for Long Term Construction Joint Details.

All dimensions are in millimeters unless otherwise shown.

REVISIONS	
NAME	DATE

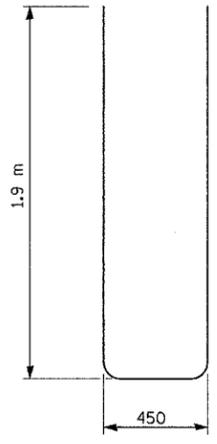
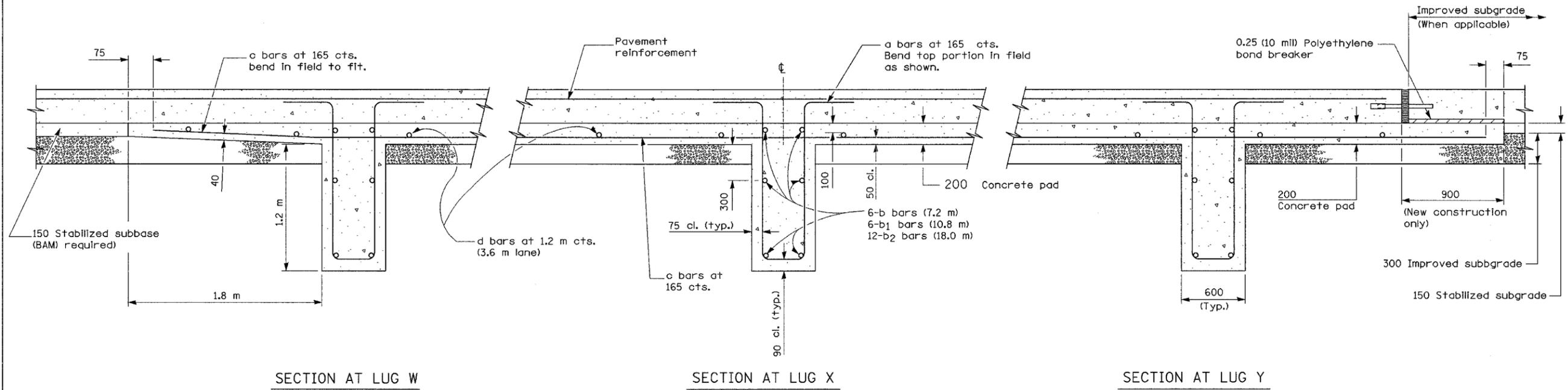
ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**18.0 M CRC PAVEMENT  
(WITH LUG SYSTEM)**

SCALE NONE  
DATE 07/05

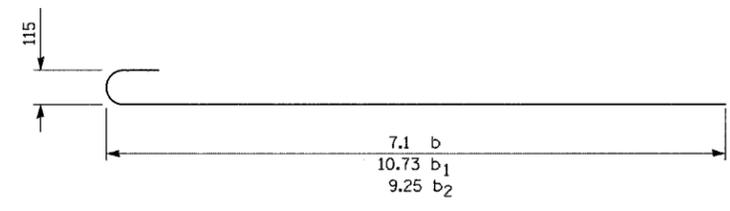
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CONSULTING ENGINEERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	99
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



BAR a



BAR b

**GENERAL NOTES**

- (See Detail for "Bar Reinforcement for 4.2 m CRC Pavement Reinforcement" for 4.2 m lane.
- See Standard 421001 for details of pavement reinforcement for 3.6 m lane.
- See Standards 420001 and 420401 for joint details not shown.
- All dimensions are in millimeters unless otherwise shown.

**MATERIALS REQUIRED FOR (1) ONE LUG SYSTEM**  
(Excluding Pavement Concrete and Pavement Reinforcement)

Number of bars

Bar	Stg. I	Stg. II	Stg. III	Size	Length	Shape
a	198	132	330	No. 25	4.25	
b	-	18	-	No. 15	7.29	
b1	18	-	-	No. 15	10.92	
b2	-	-	36	No. 15	9.44	
c	198	132	330	No. 15	6.10	
d	42	28	70	No. 13	3.52	

	Stg. I (10.8m)	Stg. II (7.2m)	Stg. III (18.0m)
Concrete, m3	23.4	15.6	39.0
Reinforcing Bars, kg	5740	3846	9586
Concrete Pad, m2	156.0	104.0	260.0
Improved Subgrade, m2	175.5	117.0	292.5

All reinforcement shall be epoxy coated.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41

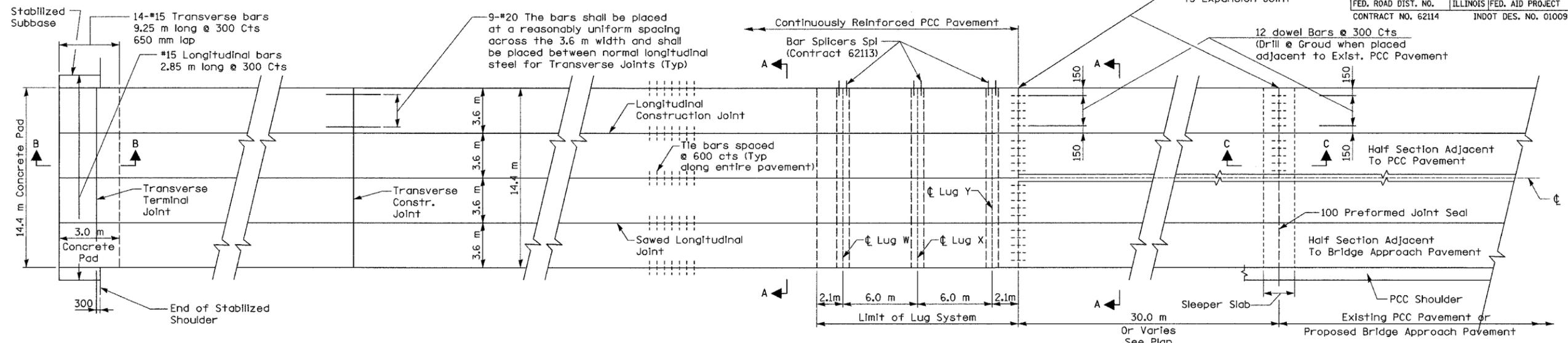
**18.0 M CRC PAVEMENT  
(WITH LUG SYSTEM)**

SCALE NONE      DRAWN BY ACE/CAD  
DATE 07/05      CHECKED BY TAE

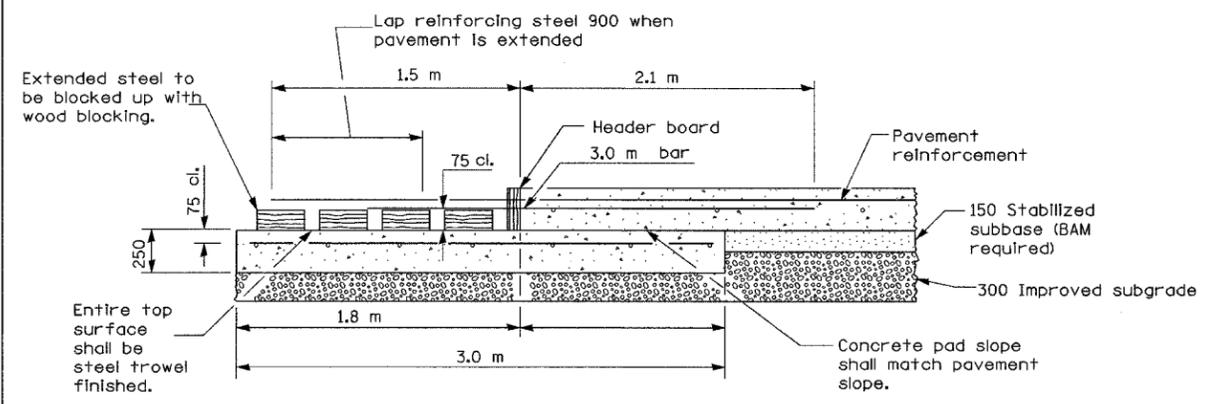
**AMERICAN**  
CONSULTING ENGINEERS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

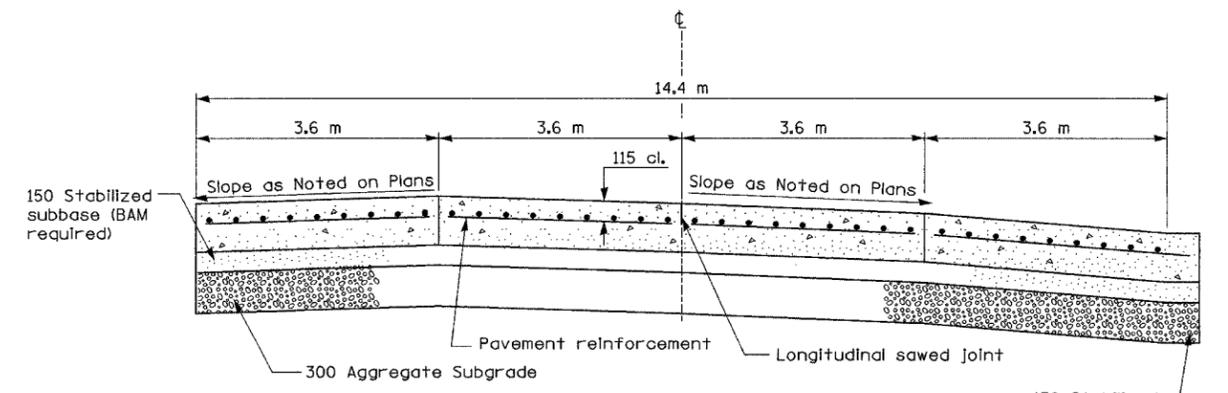


PLAN

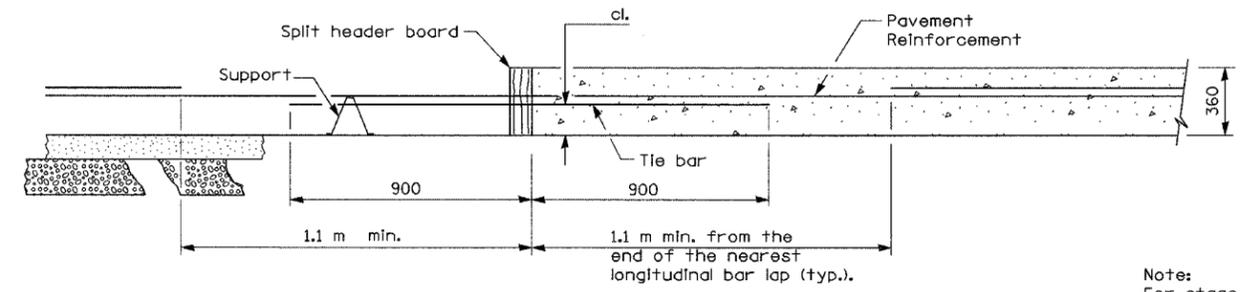


TRANSVERSE TERMINAL JOINT

SECTION B-B

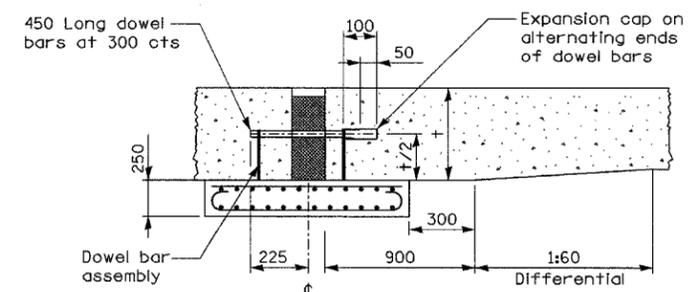


SECTION A-A



TRANSVERSE CONSTRUCTION JOINT

All dimensions are in millimeters unless otherwise shown.



SECTION C-C

Note:  
For stage construction of Transverse Construction Joint, see detail for Long Term Construction Joint Details.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41  
**14.4 M CRC PAVEMENT  
(WITH LUG SYSTEM)**  
SCALE NONE DRAWN BY ACE/CAD  
DATE 07/05 CHECKED BY TAE

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