

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 72	*	SANGAMON	559	1
			+ 5	+ total
			564	pgs

D-96-536-02



LOCATION OF SECTION INDICATED THUS: [Symbol]

APPROVED 12/21/06 *Timothy J. Dahlen* MAYOR

APPROVED 12/21/06 *Shirley J. Huber for City Engineer* CITY ENGINEER

APPROVED Dec 21 2006 *Christy M. Reed* DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

APPROVED February 2, 2007 *Eric E. Horn* ENGINEER OF DESIGN AND ENVIRONMENT

APPROVED February 2, 2007 *Milton R. See, P.E.* DIRECTOR, DIVISION OF HIGHWAYS



39072 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

*James W. Hill*

SIGNATURE: [Signature]

DATE SIGNED: 12-21-06

LISC. EXP. DATE: 11-30-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**GRADING & STRUCTURES  
PROPOSED HIGHWAY PLANS**

FAU ROUTE 8071 (MACARTHUR BLVD) AND FAI ROUTE 72 (I-72)  
SECTION (84-9-4)A,HBK,BY,BY-1

NOTE: WHEREVER IN THESE PLANS REFERENCE IS MADE TO SECTION (84-9-4)A,HBK,BY,BY-1 & 02-00382-02-PV IT SHALL MEAN SECTION (84-9-4)A,HBK,BY,BY-1.

TYPE OF IMPROVEMENT: NEW CONSTRUCTION  
SANGAMON COUNTY  
C-96-523-04

**UTILITY NOTE**

THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

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

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR LIST OF STANDARDS, SEE SHEET NO. 2

- SECTION (84-9-4)HBK,BY,BY-1 INCLUDES:
- CONSTRUCTION OF SN 084-0513 (2 SPAN, 228.00' BK-BK ABUT) TO CARRY MACARTHUR BLVD OVER I-72
  - CONSTRUCTION OF SN 084-0514 (4 SPAN, 316.34' BK-BK ABUT) TO CARRY RAMP B (EB ON RAMP) OVER UNION PACIFIC RAILROAD
  - CONSTRUCTION OF SN 084-0516 (4 SPAN, 229.11' BK-BK ABUT) TO CARRY RAMP C (WB OFF RAMP) OVER UNION PACIFIC RAILROAD
  - REHABILITATION OF SN 084-0075 WB (4 SPAN, 233.08' BK-BK ABUT) AND SN 084-0074 EB (4 SPAN, 241.21' BK-BK ABUT) CARRYING I-72 OVER UNION PACIFIC RAILROAD
- SECTION 02-00382-02-PV INCLUDES
- CONSTRUCTION OF SN 084-0512 (3 SPAN, 230.00 BK-BK ABUT) TO CARRY MACARTHUR BLVD OVER NORFOLK SOUTHERN RAILWAY.
  - CONSTRUCTION OF SN 084-7008 (3 SPAN, 231.00 BK-BK ABUT) TO CARRY INTERURBAN TRAIL OVER NORFOLK SOUTHERN RAILWAY.
  - CONSTRUCTION OF SN 084-7009 (144'-0" OUT-OUT HEADWALLS) TO CARRY MACARTHUR BLVD OVER INTERURBAN TRAIL

SECTION (84-9-4)A,HBK,BY,BY-1

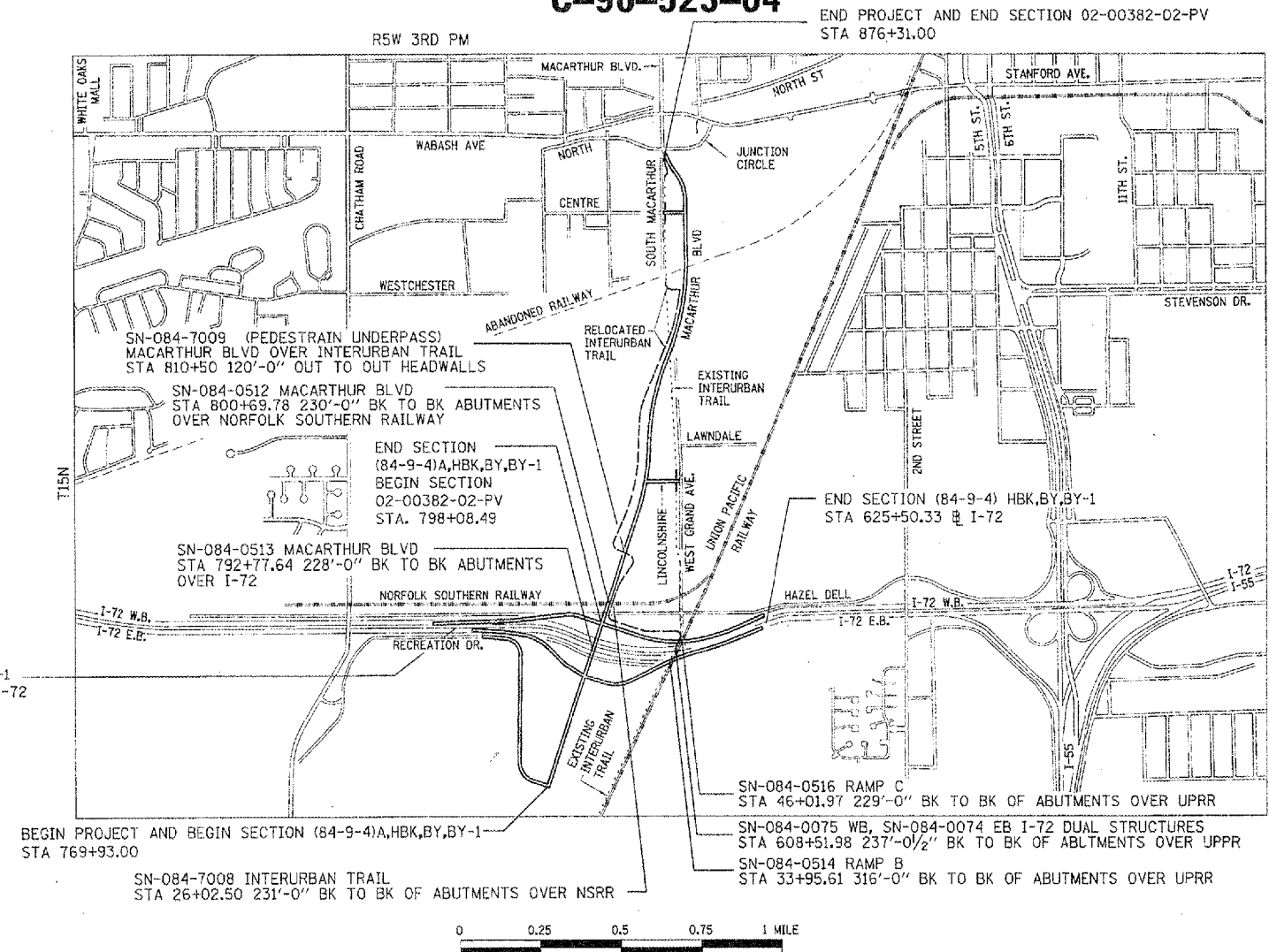
I-72 = 1.053 MILES  
MACARTHUR = .533 MILES  
NET LENGTH = 1.586 MILES

SECTION 02-00382-02-PV

GROSS LENGTH = 1.481 MILES  
NET LENGTH = 1.481 MILES

CONTRACT # 72541

BEGIN SECTION (84-9-4) HBK,BY,BY-1  
STA 569+89.06 @ I-72



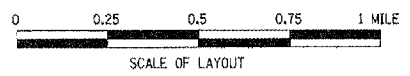
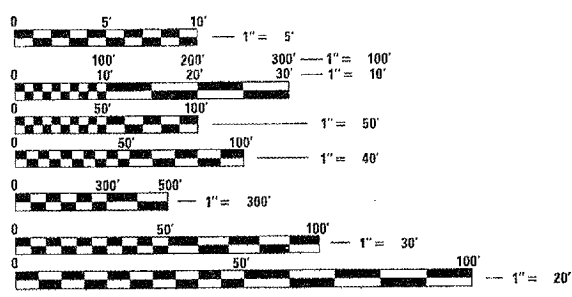
BEGIN PROJECT AND BEGIN SECTION (84-9-4)A,HBK,BY,BY-1  
STA 769+93.00

SN-084-7008 INTERURBAN TRAIL  
STA 26+02.50 231'-0" BK TO BK OF ABUTMENTS OVER NSRR

SN-084-0516 RAMP C  
STA 46+01.97 229'-0" BK TO BK OF ABUTMENTS OVER UPRR

SN-084-0075 WB, SN-084-0074 EB I-72 DUAL STRUCTURES  
STA 608+51.98 237'-0 1/2" BK TO BK OF ABUTMENTS OVER UPRR

SN-084-0514 RAMP B  
STA 33+95.61 316'-0" BK TO BK OF ABUTMENTS OVER UPRR



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.

DESIGN DESIGNATION:  
FAI ROUTE 72 - INTERSTATE, ADT 2003 (2023)= 31,000 (46,100)  
FAU ROUTE 8071 SOUTH OF I-72 - MINOR ARTERIAL  
FAU ROUTE 8071 NORTH OF I-72 - OTHER PRINCIPAL ARTERIAL  
ADT 2023 = 26,600

DESIGN SPEED:  
I-72 70 MPH  
RAMPS 50 MPH TO 30 MPH (SEE SUPERELEVATION TRANSITION DETAILS)  
MACARTHUR 45 MPH BACK OF STA 852+50  
40 MPH AHEAD OF STA 852+50

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

IDOT DISTRICT 6 PROJECT ENGINEER - SAIL MADONIA, 217-782-4761  
 STUDY TEAM ENGINEER -  
 12/21/2006  
 LAYOUT: C.L.G. 04/28/06  
 DRAWN: C.L.G. 04/28/06  
 CHECKED: J.H.W./M.M. 04/28/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B071	*	SANGAMON	559	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
184-9-4A,HBK,BY,BY-1 # 02-00382-02-PV				

STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-01	AREAS OF REINFORCEMENT BARS
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
420401-05	BRIDGE APPROACH PAVEMENT
515001-02	NAME PLATE FOR BRIDGES
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-01	PRECAST REINFORCED CONCRETE ELIPTICAL FLARED END SECTIONS
542311	GRATING FOR CONCRETE FLARED END SECTION (FOR 600 MM (24") THRU 1300 MM (54") PIPE)
542606	REINFORCED CONCRETE PIPE TEE
601001-01	SUB-SURFACE DRAINS
601101	CONCRETE HEADWALL FOR PIPE DRAIN
602301-01	INLET, TYPE A
602306-01	INLET, TYPE B
602401-01	MANHOLE, TYPE A
602406-02	MANHOLE, TYPE A, 1800 MM (72") DIAMETER
602601-01	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-01	CAST IRON STEPS
604001-02	FRAME AND LIDS, TYPE 1
604006-02	FRAME AND GRATE, TYPE 3
604036-01	GRATE, TYPE B
604101	MEDIAN INLET FOR 24" REINFORCED CONCRETE PIPE
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
609001-03	BRIDGE APPROACH SHOULDER PAVEMENT AND DRAIN
609006-03	BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)
610001-03	SHOULDER INLET WITH CURB
630001-07	STEEL PLATE BEAM GUARDRAIL
630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-06	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
642001	SHOULDER RUMBLE STRIPS
666001	RIGHT-OF-WAY MARKERS
667101	PERMANENT SURVEY MARKERS
668001	U. S. GEOLOGICAL SURVEY AND NATIONAL GEODETIC SURVEY BENCHMARKS, RESETTING METHOD
701001-01	OFF-ROAD OPERATION 2L, 2W, 4.5 M (15') MIN. AWAY FOR SPEEDS > OR = 45 MPH
701006-02	OFF-ROAD OPERATION 2L, 2W, 4.5 M (15') TO PAVEMENT EDGE SPEEDS > OR = 45 MPH
701101-01	OFF-ROAD OPERATIONS, MULTILANE LESS THAN 4.5 M (15') AWAY SPEEDS > OR = 45 MPH
701106-01	OFF-ROAD OPERATIONS, MULTILANE MORE THAN 4.5 M (15') AWAY SPEEDS > OR = 45 MPH
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-03	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701406-04	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701501-03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
702001-06	TRAFFIC CONTROL DEVICES
704001-03	TEMPORARY CONCRETE BARRIER
BLR 17-3	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
BLR 18-4	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE
BLR 21-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-4	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

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DISTRICT SIX

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EXAMINED *December 6* 20 *06*  
*Sam J. Haas*  
 OPERATIONS ENGINEER

---

EXAMINED *Dec 8* 20 *06*  
*WRJ*  
 PROGRAM IMPLEMENTATION ENGINEER

---

EXAMINED *December 15* 20 *06*  
*William E. Monte*  
 PROGRAM DEVELOPMENT ENGINEER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 INDEX OF SHEETS & STANDARDS  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. \_\_\_\_\_ HORIZ. \_\_\_\_\_  
 DATE 12/14/2006

DRAWN BY CLG  
 CHECKED BY JAD

Rev.



12/14/2006  
 I:\961065\961065\2002\A\S\m\06DEC15\G\W\K-02.dgn  
 LAYOUT  
 DRAWN  
 REVIEWED  
 DATE 12/15/06  
 DATE 12/15/06  
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FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B071	*	SANGAMON	559	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS.  
  
MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE  
SBC  
MCI  
CILCO GAS  
AT&T  
MCLEOD USA  
CWLP ELECTRIC  
CWLP WATER  
SPRINGFIELD METRO SANITARY DISTRICT  
SPRINT NEXTEL  
  
NON-JULIE MEMBERS KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:  
  
ALL UTILITY FACILITIES THAT REQUIRE RELOCATION WITHIN STATE R.O.W. SHALL BE RELOCATED BY THE UTILITY COMPANY UNLESS OTHERWISE SHOWN ON THE PLANS.  
  
THE SPRINGFIELD CITY WATER LIGHT & POWER LINES CROSSING ABOVE I-72 ALONG RECREATION DRIVE WILL REMAIN IN PLACE AND ENERGIZED DURING CONSTRUCTION  
  
ANY DAMAGE TO THE UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.
- IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- ANY REFERENCE WITHIN THESE PLANS TO A STANDARD SHALL BE INTERPRETED TO MEAN THE EDITION INDICATED BY THE SUB-NUMBER LISTED ON THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENT AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- SEEDING SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDDED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. SEEDING, CLASS 2 SHALL BE USED ON AREAS FLATTER THAN 3:1. SEEDING CLASS 3 SHALL BE USED ON AREAS 3:1 AND STEEPER.

- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:  
  
BITUMINOUS CONCRETE LEVELING BINDER - 112 LBS/SO YD-IN  
BITUMINOUS CONCRETE BASE COURSE - 112 LBS/SO YD-IN  
BITUMINOUS CONCRETE BINDER COURSE - 112 LBS/SO YD-IN  
BITUMINOUS CONCRETE SURFACE COURSE - 112 LBS/SO YD-IN  
BITUMINOUS SHOULDERS - 112 LBS/SO YD-IN  
BITUMINOUS MATERIALS COMPLETE - 112 LB/SO/YD-IN  
LIME - 40 LBS OF LIME/SO YD OF SUBGRADE  
WATER .008 UNITS PER SO YD OF SUBGRADE  
SUBBASE GRANULAR MATERIAL & AGGREGATE BASE - 2.05 TONS/CUBIC YARD  
ROCKFILL APPLICATION RATE 1.89 TONS /CUBIC YARD  
ALL OTHER AGGREGATE - 1.89 TONS/CU YD  
BITUMINOUS MATERIALS (PRIME COAT):  
ON PAVEMENT - 0.00038 TON/SO YD (0.1 GAL/SO YD)  
ON AGGREGATE SURFACE - 0.0014 TON/SO YD (0.37 GAL/SO YD)  
AGGREGATE (PRIME COAT) - 4 LBS./SO YD  
RIPRAP - 1.50 TONS/CU YD  
SEEDING FERTILIZER RATIO (NIT:PHOS:POT) - 90:90:90 LBS/AC  
AGRICULTURAL GROUND LIMESTONE - 2.00 TONS/AC  
MULCH - 2.00 TONS/AC  
EARTHWORK SHRINKAGE = 18%
- ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- NOT USED
- IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16, THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT, AS DEFINED IN ARTICLE 101.17, REGARDLESS IF TRACK MOUNTED OR WHEELED.
- THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS. PHONE (217) 782-7314.
- STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT. AND THE WATER MAIN INVERT IS LESS THAN 1.5 FT. ABOVE THE STORM SEWER CROWN.
- STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FT. ABOVE THE TOP OF THE SEWER.
- ONLY THOSE TREES LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES, PLANTS, AND WETLANDS FROM DAMAGE. ALL TREES AND STUMPS INDICATED ON THE PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. FULL DEPTH SAW CUTTING REQUIRED FOR PAVEMENT REMOVAL SHALL BE PAID FOR AS SAWING PAVEMENT (FULL DEPTH). ALL OTHER SAWED JOINTS FOR REMOVALS AND BUTT JOINTS SHALL BE CONSIDERED INCLUDED IN ITEM BEING REMOVED OR CONSTRUCTED.
- NOT USED
- CONNECT UNDERDRAINS TO DRAINAGE STRUCTURES THRU PRECAST BLOCKOUTS. THE PRECAST BLOCKOUTS SHALL BE INCLUDED IN THE PAY ITEM FOR PIPE UNDERDRAINS.
- BEFORE ORDERING PIPE CULVERTS, PIPE DRAINS, STORM SEWERS, END SECTIONS, INLETS, OR MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR EXACT LENGTHS AND QUANTITIES REQUIRED.
- ALL OPENINGS IN PRECAST STRUCTURE SHALL BE PRECISE TO THE PROPER SIZE. THIS INCLUDES OPENINGS FOR PIPE STRUCTURES, MANHOLE OPENINGS, AND OPENINGS FOR PIPE UNDERDRAIN. COSTS FOR THESE OPENINGS AND THE CONNECTIONS SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEMS FOR THE STRUCTURES INVOLVED.
- ALL DRAINAGE STRUCTURES SHALL BE FREE OF SILT, DEBRIS, OR OTHER SUCH OBSTRUCTIONS AT THE TIME OF FINAL INSPECTION. THE CLEANING OF THESE DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS PAY ITEMS INVOLVED.

- WHERE SECTION OF SUB-SECTION MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- EXCAVATION IN OLD GRAVEL OR EXISTING OIL AND CHIP ROADWAYS IS TO BE PAID AS EARTH EXCAVATION.
- THE DELINEATORS REMOVED FOR THE RAMP CONSTRUCTION SHALL BE REMOVED IN A MANNER THAT WILL NOT CAUSE ANY DAMAGE TO THE EXISTING POST OR REFLECTORS. THE REMOVED DELINEATORS SHALL BE REINSTALLED ALONG THE INTERCHANGE RAMPS. SEE STANDARD 635001 AND SECTION 635 OF THE STANDARD SPECIFICATIONS.
- WHEN REQUIRED BY ARTICLE 420.21, A PROTECTIVE COAT SHALL BE APPLIED TO CONCRETE PAVEMENT, GUTTER FLAGS, CURB SURFACES, AND OTHER CONCRETE APPURTENANCES ADJACENT TO THE PAVEMENT.
- SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE CONTACT FOR UNION PACIFIC RAILWAY IS ROAD MASTER MARK LUBBS AT STERLING ILLINOIS. PHONE 1-815-626-3662 OR 1-708-649-5530  
CELL 1-815-716-0342  
THE CONTACT FOR NORFOLK SOUTHERN RAILWAY IS TRACK SUPERVISOR EVERT JOHNSON. PHONE 1-217-243-3844 CELL 1-217-473-6990
- EXISTING UNDERDRAINS AND UNDERDRAIN HEADWALLS SHALL BE REMOVED AS REQUIRED TO CONSTRUCT THE PROPOSED PAVEMENT. THE COST SHALL BE INCLUDED IN EARTH EXCAVATION.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- NOT USED
- THE COST OF MAKING ANY SEWER CONNECTIONS TO AN EXISTING DRAINAGE STRUCTURE OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER.
- THE VERTICAL CLEARANCE SHALL NOT BE REDUCED WHEN PROTECTING TRAFFIC FROM FALLING OBJECTS AND/OR MATERIALS.
- ANY REFERENCE TO "BITUMINOUS" SHOULD BE INTERPRETED TO MEAN "HOT MIX" TO REFLECT THE NEW STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007 UNLESS OTHERWISE SPECIFIED IN THE SPECIFICATIONS.

COMMITMENTS

- SUITABLE HABITAT FOR THE KIRTLAND'S SNAKE WAS FOUND IN THE PROJECT AREA. RECOMMENDATIONS FROM THE ILLINOIS NATURAL HISTORY SURVEY TO AVOID NEGATIVE IMPACTS TO THE KIRTLANDS'S SNAKE WILL BE FOLLOWED. THESE INCLUDE:
- PLACE SILT FILTER FENCE ALONG THE CONSTRUCTION LIMITS OF IDENTIFIED AREAS, WITHIN THE PROJECT AREA, CONTAINING SUITABLE HABITAT FOR KIRTLAND'S SNAKE.
  - CONSTRUCTION WORK IN AREAS OF SUITABLE HABITAT SHALL NOT TAKE PLACE DURING THE PERIOD FROM MARCH 1 TO JUNE 15 OF ANY YEAR.
  - THERE SHALL BE NO PARKING OF VEHICLES OR STORAGE OF EQUIPMENT OR MATERIALS AT THE WETLAND AREA (SITE 4), LOCATED IN THE SOUTHEAST QUADRANT OF THE HAZEL DELL ROAD CROSSING OF THE UPRR, ADJACENT TO RAMP C.
  - WORKERS ON THE PROJECT SHALL BE INSTRUCTED THAT ANY SNAKES ENCOUNTERED ARE NOT TO BE KILLED.

NOTE

THE FOLLOWING PAY ITEMS HAVE BEEN ADJUSTED. ANY REFERENCE TO THE OLD PAY ITEM DESCRIPTION SHALL REFER TO THE NEW PAY ITEM DESCRIPTION AS SHOWN BELOW:

OLD PAY ITEM DESCRIPTION		NEW PAY ITEM DESCRIPTION
BITUMINOUS MIXTURE COMPLETE, SUPERPAVE	=	BITUMINOUS MIXTURE COMPLETE (SPECIAL)
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50	=	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N90	=	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90
BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"	=	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50	=	HOT-MIX ASPHALT BINDER COURSE, IL-25.0, N50



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12/16/2006 9:15 AM

LAYOUT	CLC	08/25/06
DRAWN	CLC	08/25/06
REVIEWED	MD/AM	08/25/06

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
GENERAL NOTES AND COMMITMENTS  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ.  
DATE: 12/16/2006

DRAWN BY: CLC  
CHECKED BY: JAD

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

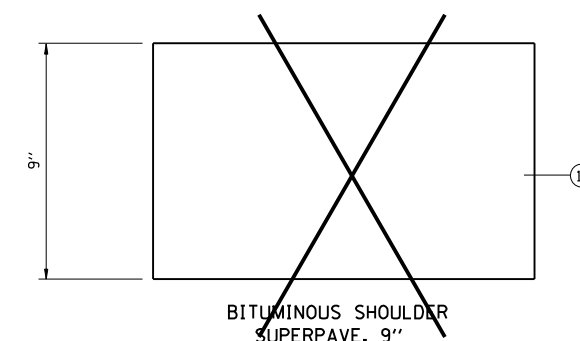
**MIXTURE REQUIREMENTS**

MIXTURE NUMBER:	NO. 1	NO. 2	NO. 3	NO. 4 *	<del>NO. 5</del>	<del>NO. 6</del>
LOCATION	I-72	I-72	I-72	I-72	<del>SIDE STREETS</del>	<del>SIDE STREETS</del>
MIXTURE USE (S):	TOP LIFT FULL-DEPTH PAVEMENT	TOP TWO UPPER LIFTS BINDER FULL-DEPTH PAVEMENT	INTERMEDIATE BINDER LIFT FULL-DEPTH PAVEMENT	BASE BINDER LIFT FULL-DEPTH PAVEMENT	<del>SURFACE</del>	<del>BINDER</del>
AC/PG:	SBS PG 70-28	SBS 64-28	PG 64-22	PG 64-22	<del>PG 64-22</del>	<del>PG 64-22</del>
RAP % (MAX):	10%	10%	15%	15%	<del>15%</del>	<del>15%</del>
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70	4.0% @ N DESIGN = 70	4.0% @ N DESIGN = 70	2.5% @ N DESIGN = 70	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTUR COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 19.0	IL 19.0	IL 19.0	<del>IL 9.5 OR 12.5</del>	<del>IL 19</del>
FRICITION AGGREGATE	MIX "D"	N/A	N/A	N/A	<del>MIX "C"</del>	<del>N/A</del>

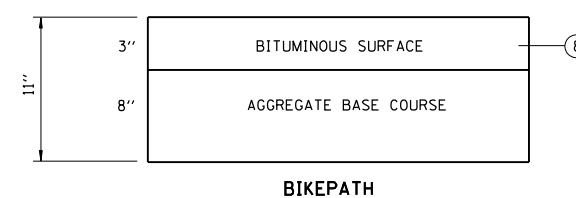
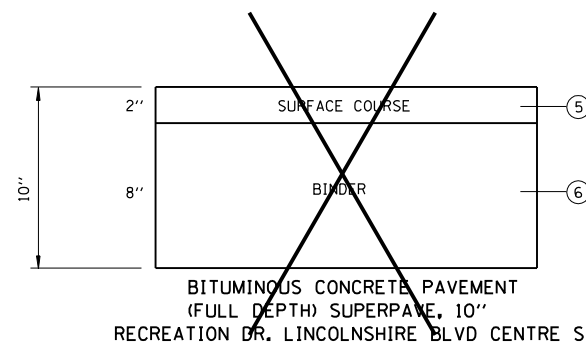
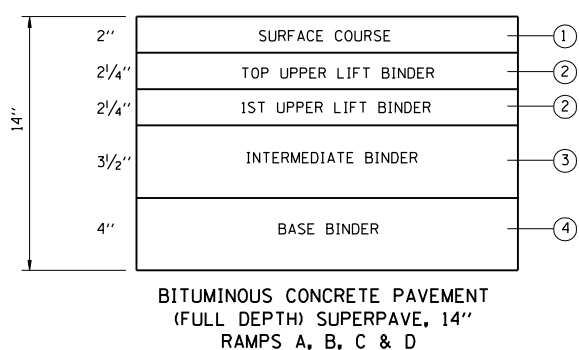
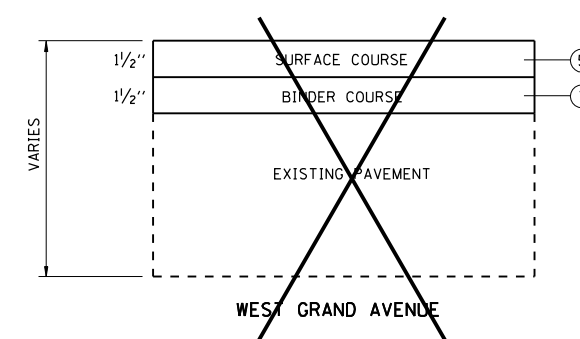
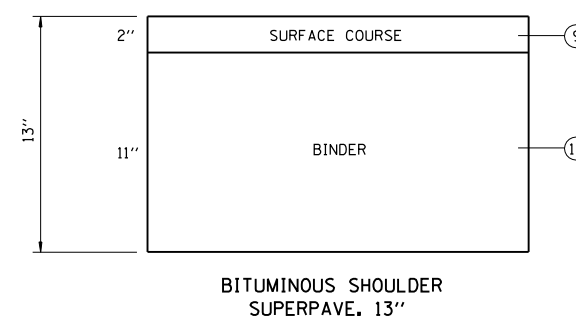
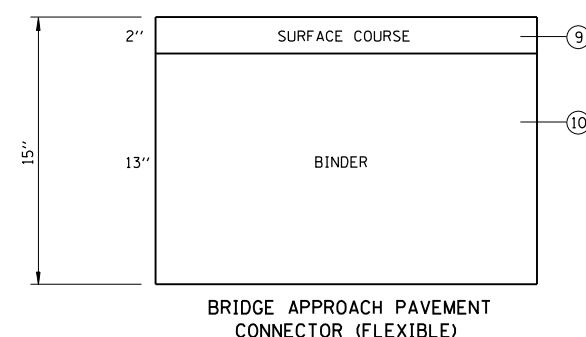
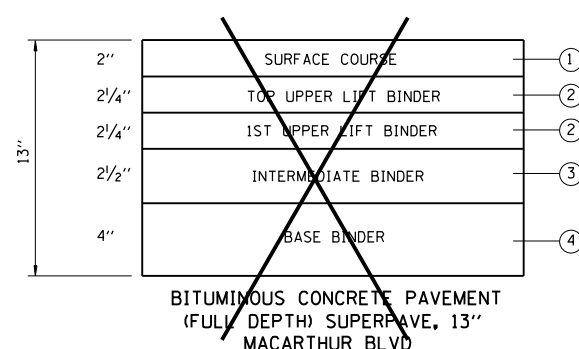
LOCATION	TEMPORARY HMA OVERLAY SN 084-0074 EB - 084-0075 WB
MIXTURE USE (S):	TEMPORARY SURFACE
AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 90
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 19.0 OR 12.5
FRICITION AGGREGATE	MIX "D"

MIXTURE NUMBER:	<del>NO. 7</del>	NO. 8	NO. 9	NO. 10	<del>NO. 11</del>
LOCATION	<del>WEST GRAND AVE</del>	BIKE PATH	I-72	I-72	<del>MACARTHUR BLVD RAMP</del>
MIXTURE USE (S):	<del>LEVELING BINDER</del>	SURFACE (LOW ESAL)	SURFACE	BINDER	<del>** BITUMINOUS SHOULDERS</del>
AC/PG:	<del>PG 64-22</del>	PG 58-22	SBS PG 70-22	PG 64-22	<del>PG 58-22</del>
RAP % (MAX):	<del>15%</del>	30%	10%	10%	<del>30%</del>
DESIGN AIR VOIDS:	<del>4.0% @ N DESIGN = 50</del>	3.0% @ N DESIGN = 30	4.0% @ N DESIGN = 90	4.0% @ N DESIGN = 90	<del>2.0% @ N DESIGN = 30</del>
MIXTUR COMPOSITION (GRADATION MIXTURE)	<del>IL 9.5 OR 12.5</del>	IL 9.5	IL 9.5% OR 12.5	IL 19.0	<del>BAM</del>
FRICITION AGGREGATE	<del>N/A</del>	MIX "C"	MIX "E"	N/A	<del>N/A</del>

\* DESIGN THIS MIXTURE AT 4.0% AIR VOIDS. ADDITIONAL AC SHALL BE ADDED TO REDUCE AIR VOIDS TO 2.5%.  
 \*\* USE IL 9.5 LOW ESAL FOR TOP 2" OF SHOULDER (SEE SPECIAL PROVISIONS)



**BITUMINOUS CONCRETE PAVING LIFT DIAGRAMS**



REVISIONS		
NAME	DATE	
ADD TEMP SURF MIX	01/25/07	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 MIXTURE REQUIREMENTS  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ. DATE: 1/25/2007 DRAWN BY: CLG CHECKED BY: JAD

LAYOUT	CLG	08/05/06
DRAWN	CLG	08/05/06
REVIEWED	JAD/JMW	08/05/06



# SUMMARY OF QUANTITIES

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B071	*	SANGAMON	559	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
184-9-41A,HBK,BY,BY-1 # 02-00382-02-PV				

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY		STRUCTURE					
				MACARTHUR EXTENSION CITY SECTION 02-00382-02-PV STA. 798+08.49 TO STA. 876+31.00	MACARTHUR EXTENSION & I-72 INTERCHANGE	MACARTHUR EXTENSION OVER N.S. RAILROAD (S.N. 084-0512)	INTERURBAN TRAIL OVER N.S. RAILROAD (S.N. 084-7008)	MACARTHUR EXTENSION OVER INTERURBAN TRAIL (S.N. 084-7009)	MACARTHUR EXTENSION OVER I-72 (S.N. 084-0513)	I-72 INTERCHANGE RAMP B & C OVER U.P. RAILROAD (S.N. 084-0514 EB, S.N. 084-0516)	I-72 EB & WB OVER U.P. RAILROAD (S.N. 084-0074 EB, S.N. 084-0075 WB)
				FUNDING - 1M 50% STATE / 50% CITY	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE
20100500	TREE REMOVAL, ACRES	ACRE	54.75	5.00	49.75						
20200100	EARTH EXCAVATION	CU YD	279,855	18,475	261,380						
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	14500		14500						
20201400	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	800		800						
20400100	BORROW EXCAVATION	CU YD	510,790	218,320	292,470						
* 20400805	FURNISHED EXCAVATION, SPECIAL	CU YD	677,375	129,260	548,115						
* 20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	2110			778		298	662	240	132
20800150	TRENCH BACKFILL	CU YD	3118	2129	989						
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	33320	5498	27,822						
25000200	SEEDING, CLASS 2	ACRE	61.25	18.75	42.50						
25000300	SEEDING, CLASS 3	ACRE	29.75	6.25	23.50						
25000350	SEEDING, CLASS 7	ACRE	182.00	51.50	130.50						
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	8296	2355	5941						
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	8296	2355	5941						
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	8296	2355	5941						
25000700	AGRICULTURAL GROUND LIMESTONE	TON	186.5	53.5	133.0						
25000750	MOWING	ACRE	61.25	18.75	42.50						
25100115	MULCH, METHOD 2	ACRE	91	25.00	66.00						
* 25101005	HEAVY DUTY EXCELSIOR BLANKET	SQ YD	7102	1528	5574						
25200200	SUPPLEMENTAL WATERING	UNIT	80		80						
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	5700	1125	4575						
28000300	TEMPORARY DITCH CHECKS	EACH	190	74	116						
28000400	PERIMETER EROSION BARRIER	FOOT	10750	3265	7485						
28000500	INLET AND PIPE PROTECTION	EACH	77	48	29						
28100125	STONE RIPRAP, CLASS B3	SQ YD	4364	264	4100						
28100129	STONE RIPRAP, CLASS B5	SQ YD	599		599						
28100835	STONE DUMPED RIPRAP, CLASS B5	TON	1409		1409						

\* PAY ITEM REQUIRES A SPECIAL PROVISION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES -1  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JAD  
 DATE 12/14/2006



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12/14/2006  
 10:56 AM  
 10/17/06  
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10/17/06  
 10/17/06  
 10/17/06  
 10/17/06

# SUMMARY OF QUANTITIES

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B07I	*	SANGAMON	559	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

CODE NO.	ITEM	UNIT	URBAN		ROADWAY				STRUCTURE			
			TOTAL QUANTITY		MACARTHUR EXTENSION CITY SECTION 02-00382-02-PV STA. 798+08.49 TO STA. 876+31.00	MACARTHUR EXTENSION & I-72 INTERCHANGE	MACARTHUR EXTENSION OVER N.S. RAILROAD (S.N. 084-0512)	INTERURBAN TRAIL OVER N.S. RAILROAD (S.N. 084-7008)	MACARTHUR EXTENSION OVER INTERURBAN TRAIL (S.N. 084-7009)	MACARTHUR EXTENSION OVER I-72 (S.N. 084-0513)	I-72 INTERCHANGE RAMP B & C OVER U.P. RAILROAD (S.N. 084-0514 EB, S.N. 084-0516)	I-72 EB & WB OVER U.P. RAILROAD (S.N. 084-0074 EB, S.N. 084-0075 WB)
					50% STATE / 50% CITY	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE
28200200	FILTER FABRIC	SQ YD	2128				2128					
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	789.9				789.9					
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	165				165					
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	702		702							
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	3.0		1.0		0.8					1.2
<del>40600982</del>	<del>HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT</del>	<del>SQ YD</del>	<del>1274</del>									<del>1274</del>
40603130	HOT-MIX ASPHALT BINDER COURSE, IL-25.D, N50	TON	79		79.0							
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	79		79							
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	132				132					
<del>40603345</del>	<del>HOT-MIX ASPHALT SURFACE COURSE, MIXTURE D, N90</del>	<del>TON</del>	<del>350</del>									<del>350</del>
40701961	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"	SQ YD	145				145					
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	544				544					
42001300	PROTECTIVE COAT	SQ YD	615		71		544					
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	108				108					
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	3970		3970							
44000100	PAVEMENT REMOVAL	SQ YD	15330		1804		13526					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	18		18							
* 44000700	APPROACH SLAB REMOVAL	SQ YD	557				557					
* 44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	6329				6329					
44004000	PAVED DITCH REMOVAL	FOOT	110				110					
* 44004400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	2169				2169					
* 48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	1524				1524					
48203049	HOT-MIX ASPHALT SHOULDERS, 13"	SQ YD	6064				6064					
50102400	CONCRETE REMOVAL	CU YD	117.6									117.6
* 50104400	CONCRETE HEADWALL REMOVAL	EACH	16				16					
50104650	SLOPE WALL REMOVAL	SQ YD	2100									2100
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	2									2
* 50105220	PIPE CULVERT REMOVAL	FOOT	358				358					
50157300	PROTECTIVE SHIELD	SQ YD	1007									1007

\* PAY ITEM REQUIRES A SPECIAL PROVISION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES -2  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.  
 HORIZ.  
 DATE 12/14/2006

DRAWN BY CLG  
 CHECKED BY JAD

# SUMMARY OF QUANTITIES

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	7
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY				STRUCTURE			
				MACARTHUR EXTENSION CITY SECTION 02-00382-02-PV STA. 798+08.49 TO STA. 876+31.00	MACARTHUR EXTENSION & I-72 INTERCHANGE	MACARTHUR EXTENSION OVER N.S. RAILROAD (S.N. 084-0512)	INTERURBAN TRAIL OVER N.S. RAILROAD (S.N. 084-7008)	MACARTHUR EXTENSION OVER INTERURBAN TRAIL (S.N. 084-7009)	MACARTHUR EXTENSION OVER I-72 (S.N. 084-0513)	I-72 INTERCHANGE RAMP B & C OVER U.P. RAILROAD (S.N. 084-0514 EB, S.N. 084-0516)	I-72 EB & WB OVER U.P. RAILROAD (S.N. 084-0074 EB, S.N. 084-0075 WB)
				50% STATE / 50% CITY	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE
				CO00	CO00	X181-5B	X932-5B	X928-2A	X781-2A	X171-5B	X171-5B
50200100	STRUCTURE EXCAVATION	CU YD	3858.5			1256	151.5		764	990	697
50300100	FLOOR DRAINS	EACH	16							4	12
50300225	CONCRETE STRUCTURES	CU YD	2621.9			1076.8	68.3		379.4	757.4	340.0
50300255	CONCRETE SUPERSTRUCTURE	CU YD	3194			1073			952.5	511.2	657.3
50300260	BRIDGE DECK GROOVING	SQ YD	7732			2103			2248	1415	1966
50300280	CONCRETE ENCASEMENT	CU YD	40.9			13.3			12.6	10.6	4.4
50300300	PROTECTIVE COAT	SQ YD	10370			2931			2910	2027	2502
50400735	FURNISH AND ERECTING PRECAST PRESTRESSED CONCRETE BULB T-BEAMS 63"	FOOT	7924.5			3859.5			4065.0		
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	3170			3170					
50500505	STUD SHEAR CONNECTORS	EACH	18225							7515	10710
* 50501110	STRUCTURAL STEEL REMOVAL	POUND	2920								2920
50800105	REINFORCEMENT BARS	POUND	65670					65670			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1033700			335340	13520		263260	233480	188100
50800515	BAR SPLICERS	EACH	3403			862			800	136	1605
51100100	SLOPE WALL 4 INCH	SQ YD	1423						1187	84	152
* 51100500	BITUMINOUS COATED AGGREGATE SLOPEWALL 6"	SQ YD	5022			1727	245			1068	1982
51201400	FURNISHING STEEL PILES HP10X42	FOOT	2290				865				1425
51201500	FURNISHING STEEL PILES HP10X57	FOOT	4895						1640	3255	
51201600	FURNISHING STEEL PILES HP12X53	FOOT	2322			2322					
51201700	FURNISHING STEEL PILES HP12X74	FOOT	4760			2516			2244		
51202305	DRIVING PILES	FOOT	14267			4838	865		3884	3255	1425
51203400	TEST PILE STEEL HP10X42	EACH	10				4				6
51203500	TEST PILE STEEL HP10X57	EACH	11						1	10	
51203600	TEST PILE STEEL HP12X53	EACH	2			2					
51203700	TEST PILE STEEL HP12X74	EACH	4			2			2		
* 51205200	TEMPORARY SHEET PILING	SQ FT	3441			1380				956	1105
51500100	NAME PLATES	EACH	7			1	1		1	2	2

\* PAY ITEM REQUIRES A SPECIAL PROVISION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES -3  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
          HORIZ.      CHECKED BY JAD  
DATE 12/14/2006

# SUMMARY OF QUANTITIES

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
184-9-41A,HBK,BY,BY-1 * 02-00382-02-PV				

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY			STRUCTURE				
				MACARTHUR EXTENSION CITY SECTION 02-00382-02-PV STA. 798+08.49 TO STA. 876+31.00 50% STATE / 50% CITY	MACARTHUR EXTENSION & I-72 INTERCHANGE FUNDING - 1M 90% FED / 10% STATE	MACARTHUR EXTENSION OVER N.S. RAILROAD (S.N. 084-0512) FUNDING - 1M 90% FED / 10% STATE	INTERURBAN TRAIL OVER N.S. RAILROAD (S.N. 084-7008) FUNDING - 1M 90% FED / 10% STATE	MACARTHUR EXTENSION OVER INTERURBAN TRAIL (S.N. 084-7009) FUNDING - 1M 90% FED / 10% STATE	MACARTHUR EXTENSION OVER I-72 (S.N. 084-0513) FUNDING - 1M 90% FED / 10% STATE	I-72 INTERCHANGE RAMP B & C OVER U.P. RAILROAD (S.N. 084-0514 EB, S.N. 084-0516) FUNDING - 1M 90% FED / 10% STATE	I-72 EB & WB OVER U.P. RAILROAD (S.N. 084-0074 EB, S.N. 084-0075 WB) FUNDING - 1M 90% FED / 10% STATE
52000320	NEOPRENE EXPANSION JOINT 2"	FOOT	143.5			X181-5B	X932-5B	X928-2A	X781-2A	X171-5B	X171-5B
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	68			68					
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	20							20	
54003000	CONCRETE BOX CULVERTS	CU YD	402.3					402.3			
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	115	47	68						
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	1272	608	664						
542A0253	PIPE CULVERTS, CLASS A, TYPE 1 48"	FOOT	116		116						
542A1117	PIPE CULVERTS, CLASS A, TYPE 2 72"	FOOT	119		119						
542A4021	PIPE CULVERTS, CLASS A, TYPE 6 36"	FOOT	252		252						
542A4057	PIPE CULVERTS, CLASS A, TYPE 6 72"	FOOT	191		191						
54205095	PIPE CULVERTS, SPECIAL 60"	FOOT	309		309						
54207153	PIPE CULVERTS, TYPE 1, RC - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	FOOT	600	411	189						
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	72	12	60						
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2							
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	9	3	6						
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	34	10	24						
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	2		2						
54213705	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 60"	EACH	2		2						
54213717	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 72"	EACH	5		5						
54214713	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	EACH	18	8	10						
54216220	REINFORCED CONCRETE PIPE TEE, 36" PIPE WITH 12" RISER	EACH	2	2							
54216231	REINFORCED CONCRETE PIPE TEE, 42" PIPE WITH 12" RISER	EACH	2	2							
54216242	REINFORCED CONCRETE PIPE TEE, 48" PIPE WITH 12" RISER	EACH	4	4							
54216253	REINFORCED CONCRETE PIPE TEE, 54" PIPE WITH 12" RISER	EACH	6	6							
54216264	REINFORCED CONCRETE PIPE TEE, 60" PIPE WITH 12" RISER	EACH	9	9							
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	16	2	14						
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	950	870	80						

\* PAY ITEM REQUIRES A SPECIAL PROVISION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES -4  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JAD  
 DATE 12/14/2006



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12/14/2006  
 1567 Job 9666202-Act/rt/utem/ur-60/ea/afp  
 CLG 12/23/06  
 CLG 12/23/06  
 REVIEWED 12/23/06

# SUMMARY OF QUANTITIES

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

CODE NO.	ITEM	UNIT	LIRBAN TOTAL QUANTITY	ROADWAY		STRUCTURE						
				MACARTHUR EXTENSION CITY SECTION 02-00382-02-PV STA. 798+08.49 TO STA. 876+31.00	MACARTHUR EXTENSION & I-72 INTERCHANGE	MACARTHUR EXTENSION OVER N.S. RAILROAD (S.N. 084-0512)	INTERURBAN TRAIL OVER N.S. RAILROAD (S.N. 084-7008)	MACARTHUR EXTENSION OVER INTERURBAN TRAIL (S.N. 084-7009)	MACARTHUR EXTENSION OVER I-72 (S.N. 084-0513)	I-72 INTERCHANGE RAMP B & C OVER U.P. RAILROAD (S.N. 084-0514 EB, S.N. 084-0516)	I-72 EB & WB OVER U.P. RAILROAD (S.N. 084-0074 EB, S.N. 084-0075 WB)	
				50% STATE / 50% CITY	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE
				CO00	CO00	X181-5B	X932-5B	X928-2A	X781-2A	X171-5B	X171-5B	
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	2589	2589								
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	856	142	714							
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	2167	699	1468							
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	552	537	15							
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	813	813								
550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	911	911								
550A0510	STORM SEWERS, CLASS A, TYPE 2 66"	FOOT	1198	1198								
550A0790	STORM SEWERS, CLASS A, TYPE 3 54"	FOOT	375	375								
550A0800	STORM SEWERS, CLASS A, TYPE 3 60"	FOOT	1891	1891								
550A0820	STORM SEWERS, CLASS A, TYPE 3 72"	FOOT	300	300								
550A1380	STORM SEWERS, CLASS A, TYPE 5 66"	FOOT	496	496								
550A1560	STORM SEWERS, CLASS A, TYPE 6 18"	FOOT	563	563								
550A1690	STORM SEWERS, CLASS A, TYPE 6 72"	FOOT	1302	446	856							
55101200	STORM SEWER REMOVAL 24"	FOOT	158	150	8							
58700300	CONCRETE SEALER	SQ FT	668				159			411		98
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	684			265		238		106		75
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	11	4	7							
60100915	PIPE DRAINS 6"	FOOT	40	20	20							
60100925	PIPE DRAINS 8"	FOOT	40	20	20							
60100945	PIPE DRAINS 12"	FOOT	40	20	20							
* 60102005	PIPE DRAINS 12" (SPECIAL)	FOOT	3696	1083	2613							
60107600	PIPE UNDERDRAINS 4"	FOOT	3267	555	2712							
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	656	206	450							
* 60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1504			350		441	303	202		208
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1								
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1								
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	4		4							

\* PAY ITEM REQUIRES A SPECIAL PROVISION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES -5  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ. DATE 12/14/2006 DRAWN BY CLG CHECKED BY JAD



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12/14/2006  
 CLG  
 CLG  
 JAD





# SUMMARY OF QUANTITIES

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9-41A,HBK,BY,BY-1 * 02-00382-02-PV				

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY		STRUCTURE					
				MACARTHUR EXTENSION CITY SECTION 02-00382-02-PV STA. 798+08.49 TO STA. 876+31.00	MACARTHUR EXTENSION & I-72 INTERCHANGE	MACARTHUR EXTENSION OVER N.S. RAILROAD (S.N. 084-0512)	INTERURBAN TRAIL OVER N.S. RAILROAD (S.N. 084-7008)	MACARTHUR EXTENSION OVER INTERURBAN TRAIL (S.N. 084-7009)	MACARTHUR EXTENSION OVER I-72 (S.N. 084-0513)	I-72 INTERCHANGE RAMP B & C OVER U.P. RAILROAD (S.N. 084-0514 EB, S.N. 084-0516)	I-72 EB & WB OVER U.P. RAILROAD (S.N. 084-0074 EB, S.N. 084-0075 WB)
				50% STATE / 50% CITY	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE
61140000	STORM SEWERS, SPECIAL 8"	FOOT	500	C000 300	C000 200	X181-5B	X932-5B	X92B-2A	X781-2A	X171-5B	X171-5B
61140200	STORM SEWERS, SPECIAL 12"	FOOT	500	200	300						
** 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	1359.0		1359.0						
** 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4		4						
** 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	1		1						
** 63100169	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)	EACH	2		2						
63200310	GUARDRAIL REMOVAL	FOOT	3863	12	3851						
64200105	SHOULDER RUMBLE STRIP	FOOT	6858		6858						
66411900	TEMPORARY FENCE	FOOT	470		470						
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	13	10	3						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	7	17						
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	24	7	17						
67100100	MOBILIZATION	L SUM	1	0.3	0.7						
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	2		2						
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1		1						
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1		1						
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1	0.3	0.7						
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	272		272						
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	60		60						
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	2167		2167						
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	5200		5200						
70400100	TEMPORARY CONCRETE BARRIER	FOOT	920		920						
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	920		920						
70500100	TEMPORARY STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	561		561						
70500615	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	1		1						
** 78001120	PAINT PAVEMENT MARKING-LINE 5"	FOOT	1969								1969
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	208		208						
** 78200100	MONDIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	55		55						

\* PAY ITEM REQUIRES A SPECIAL PROVISION

\*\* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES -7  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-41A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JAD  
 DATE 12/14/2006

# SUMMARY OF QUANTITIES

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
184-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY				STRUCTURE					
				MACARTHUR EXTENSION CITY SECTION 02-00382-02-PV STA. 798+08.49 TO STA. 876+31.00	MACARTHUR EXTENSION & I-72 INTERCHANGE	MACARTHUR EXTENSION OVER N.S. RAILROAD (S.N. 084-0512)	INTERURBAN TRAIL OVER N.S. RAILROAD (S.N. 084-7008)	MACARTHUR EXTENSION OVER INTERURBAN TRAIL (S.N. 084-7009)	MACARTHUR EXTENSION OVER I-72 (S.N. 084-0513)	I-72 INTERCHANGE RAMP B & C OVER U.P. RAILROAD (S.N. 084-0514 EB, S.N. 084-0516) FUNDING - 1M	I-72 EB & NB OVER U.P. RAILROAD (S.N. 084-0074 EB, S.N. 084-0075 NB) FUNDING - 1M		
				50% STATE / 50% CITY	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE	FUNDING - 1M 90% FED / 10% STATE		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4										
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	29									29	
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	545									545	
81200120	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	46									46	
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACH TO STRUCTURE, 12"x12"x6"	EACH	4									4	
81300980	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8" X 8" X 6"	EACH	1	1									
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	29									29	
* X0301699	STORM SEWER JACKED IN PLACE SPECIAL	FOOT	148	148									
* X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	2290				2290						
* X0323665	RIPRAP SLURRY	SQ YD	4364	264	4100								
* X0323830	DRAINAGE SCUPPERS, DS-11	EACH	7									3	4
* X0323558	BRIDGE JOINT SYSTEM (EXPANSION), 1-5/8"	FOOT	187										187
* X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	437									437	
* X0325303	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	33										33
* X0325607	GROUND STABILIZATION GEOSYNTHETIC	SQ YD	5050	2700	2350								
* X0325608	GEOSYNTHETIC REINFORCEMENT	SQ YD	10133		10133								
* X0325609	TRENCHLESS PIPE INSTALLATION, 72"	FOOT	348		348								
* X0325611	PEDESTRIAN UNDERPASS LUMINAIRE	EACH	30	30									
① * X0325612	CLEARING-SOUTHWEST RECYCLING FACILITY	L SUM	1	1									
* X2020500	EARTH EXCAVATION (ROCKFILL)	CU YD	1600		1600								
* X5051401	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 1	L SUM	1										1
* X5051402	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 2	L SUM	1										1
* X5051403	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 3	L SUM	1									1	
* X5051404	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 4	L SUM	1									1	
* XX001176	BITUMINOUS MIXTURE COMPLETE (SPECIAL)	TON	28		28								
* XX004350	TRANSVERSE DRAINS COMPLETE	EACH	2		2								
* XX005060	PREFABRICATED VERTICAL WICK DRAINS	FOOT	169961	69955	100006								

\* PAY ITEM REQUIRES A SPECIAL PROVISION

① 100% CITY

\*\* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES -8  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

VERT. SCALE: HORIZ. SCALE: 12/14/2006  
DRAWN BY: CLG  
CHECKED BY: JAD



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12/14/2006  
In: 06/06/06 09:22:43 AM  
Project: 02-00382-02-PV

LAOUB	CLC	04/28/06
DRW	CLG	04/28/06
REVISED	JAD/JAM	04/28/06

# SUMMARY OF QUANTITIES

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY		STRUCTURE					
				MACARTHUR EXTENSION CITY SECTION 02-00382-02-PV STA. 798+08.49 TO STA. 876+31.00	MACARTHUR EXTENSION & I-72 INTERCHANGE	MACARTHUR EXTENSION OVER N.S. RAILROAD (S.N. 084-0512)	INTERURBAN TRAIL OVER N.S. RAILROAD (S.N. 084-7008)	MACARTHUR EXTENSION OVER INTERURBAN TRAIL (S.N. 084-7009)	MACARTHUR EXTENSION OVER I-72 (S.N. 084-0513)	I-72 INTERCHANGE RAMP B & C OVER U.P. RAILROAD (S.N. 084-0514 EB, S.N. 084-0516)	I-72 EB & WB OVER U.P. RAILROAD (S.N. 084-0074 EB, S.N. 084-0075 WB)
				50% STATE / 50% CITY	FUNDING - IM 90% FED / 10% STATE	FUNDING - IM 90% FED / 10% STATE	FUNDING - IM 90% FED / 10% STATE	FUNDING - IM 90% FED / 10% STATE	FUNDING - IM 90% FED / 10% STATE	FUNDING - IM 90% FED / 10% STATE	FUNDING - IM 90% FED / 10% STATE
* XZ193300	SURVEY MARKER, TYPE 1 (SPECIAL)	EACH	3	C000 2	C000 1	X181-5B	X932-5B	X928-2A	X781-2A	X171-5B	X171-5B
* XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	1	1							
*40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200		200						
* Z0002750	BARRICADES, TYPE III	EACH	25		25						
① * Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1							
① * Z0007602	BUILDING REMOVAL NO. 2	L SUM	1	1							
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.33	0.67						
* Z0022800	FENCE REMOVAL	FOOT	12481	892	11589						
* Z0023600	FILLING EXISTING CULVERTS	EACH	5		5						
○ * Z0030150	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2		2						
○ * Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2		2						
○ * Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2		2						
* Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.5	0.5						
** * Z0054515	ROCK FILL - EMBANKMENT	TON	3400	3400							
** * Z0054517	ROCK FILL - FOUNDATION	TON	800		800						
** * Z0054530	ROCK FILL - SUBGRADE	TON	2200		2200						
* Z0056100	SAND DRAINAGE BLANKET	CU YD	8377	2216	6161						
* Z0073300	TEMPORARY SHORING AND CRIBBING	L SUM	1								1
⊙ * Z0076600	TRAINEES	HOUR	4000		4000						

\* PAY ITEM REQUIRES A SPECIAL PROVISION

① 100% CITY

○ SFTY-3N

\*\* SPECIALTY ITEMS

⊙ Y080

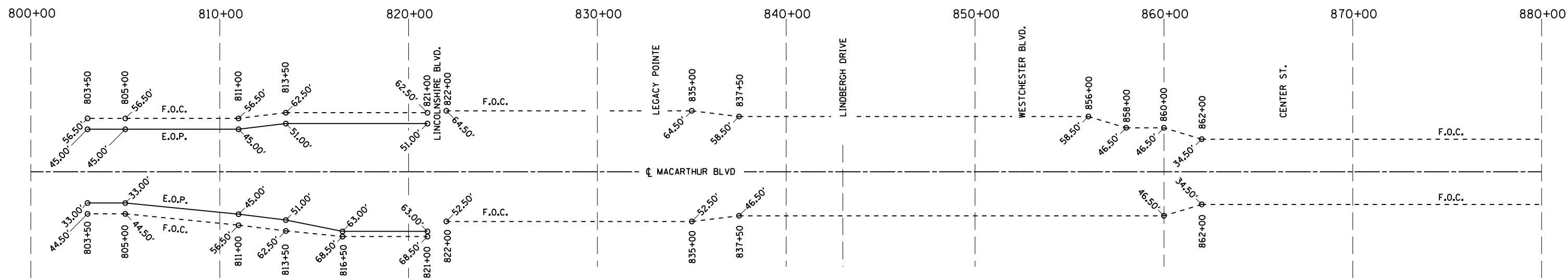
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES -9  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

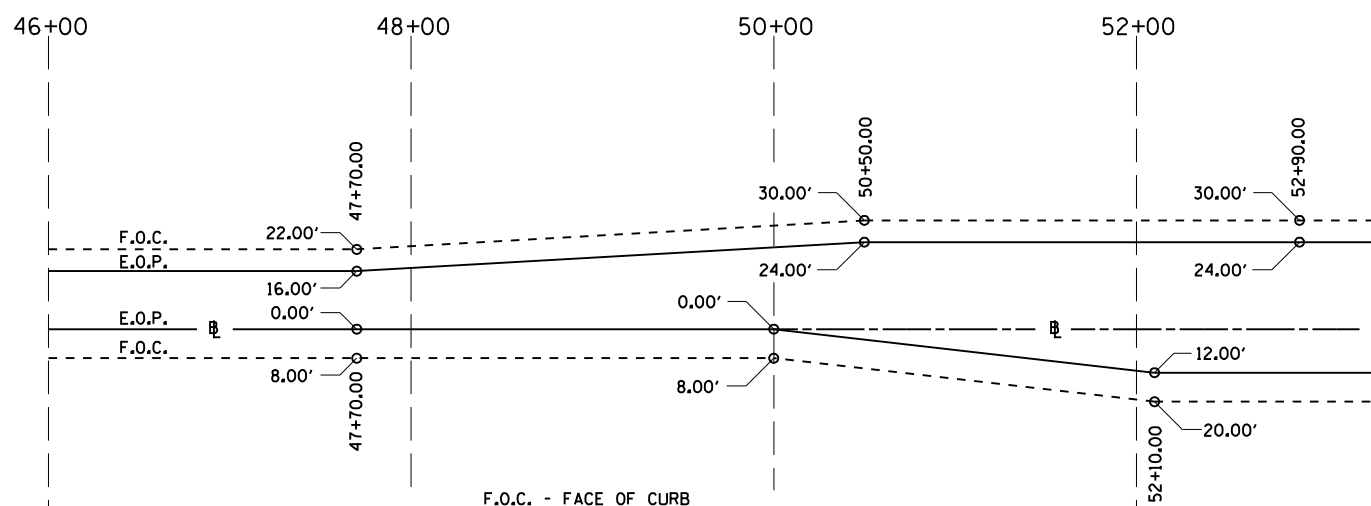
VERT. SCALE: DATE 12/14/2006  
HORIZ. SCALE: DATE 12/14/2006  
DRAWN BY CLG  
CHECKED BY JAD

Rev.

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



F.O.C. - FACE OF CURB  
**EMBANKMENT WIDENING PLAN**  
 MACARTHUR BOULEVARD



F.O.C. - FACE OF CURB  
**EMBANKMENT WIDENING PLAN**  
 RAMP C

STATION 50+00.00 (RT) TO STATION 52+10.00 (RT) WIDEN EMBANKMENT AS SHOWN. ALL OTHER LOCATIONS SEE TYPICAL SECTIONS AND PLAN & PROFILE FOR FUTURE LOCATION OF CURB.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 EMBANKMENT WIDENING PLANS  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.  
 HORIZ.  
 DATE 12/16/2006

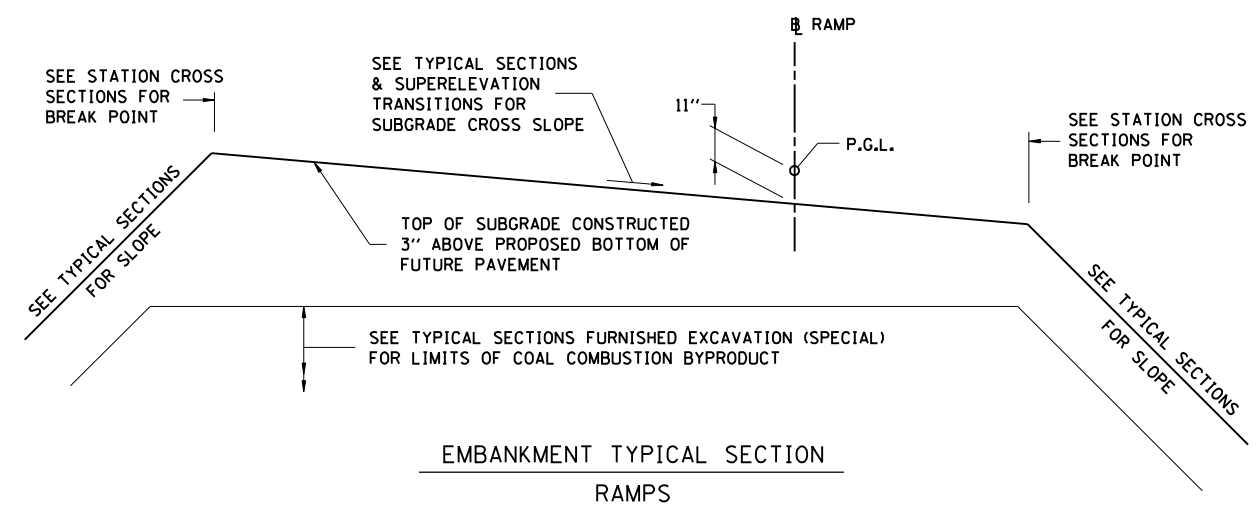
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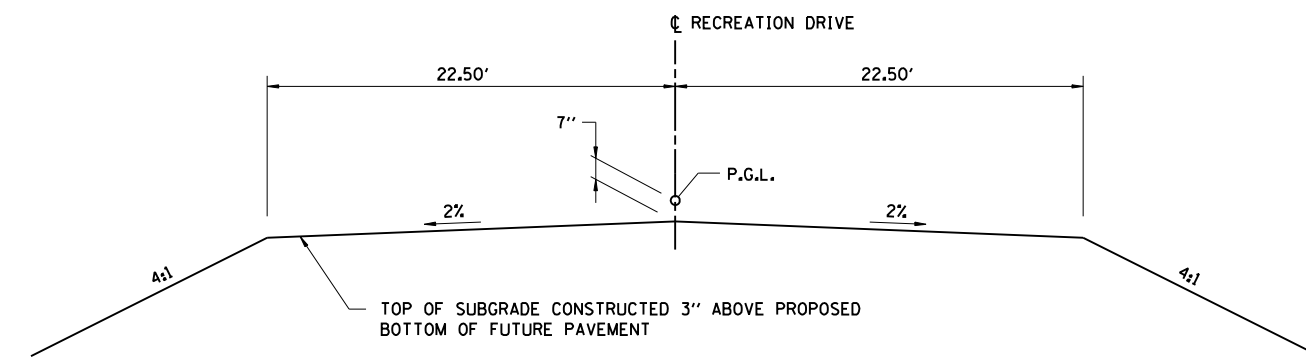
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DRAWN	CLG	08/05/06
REVIEWED	JWD/JWM	08/05/06



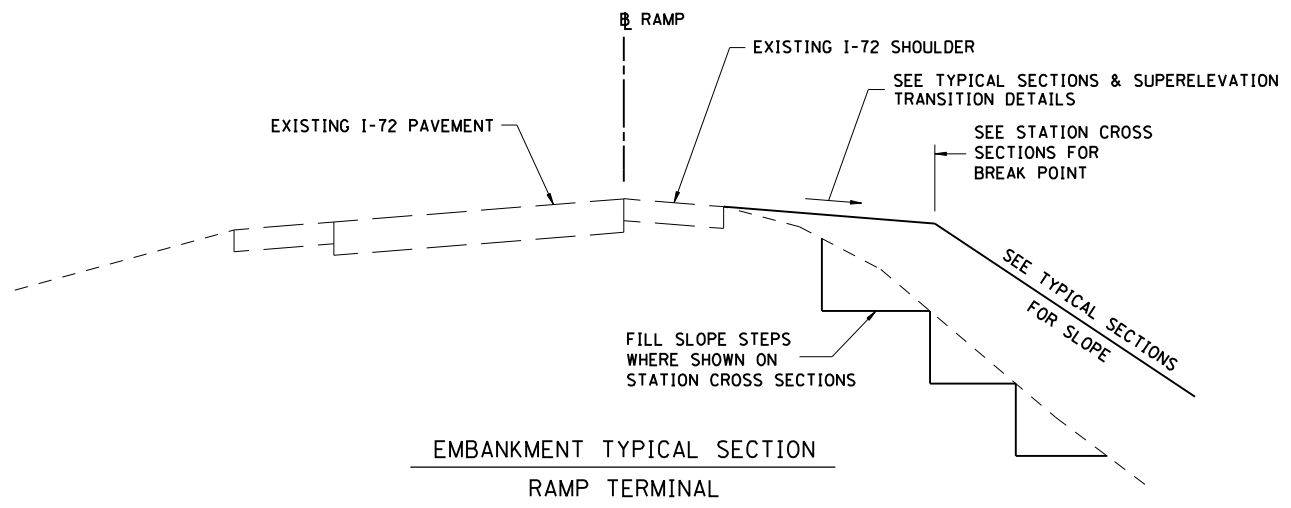
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



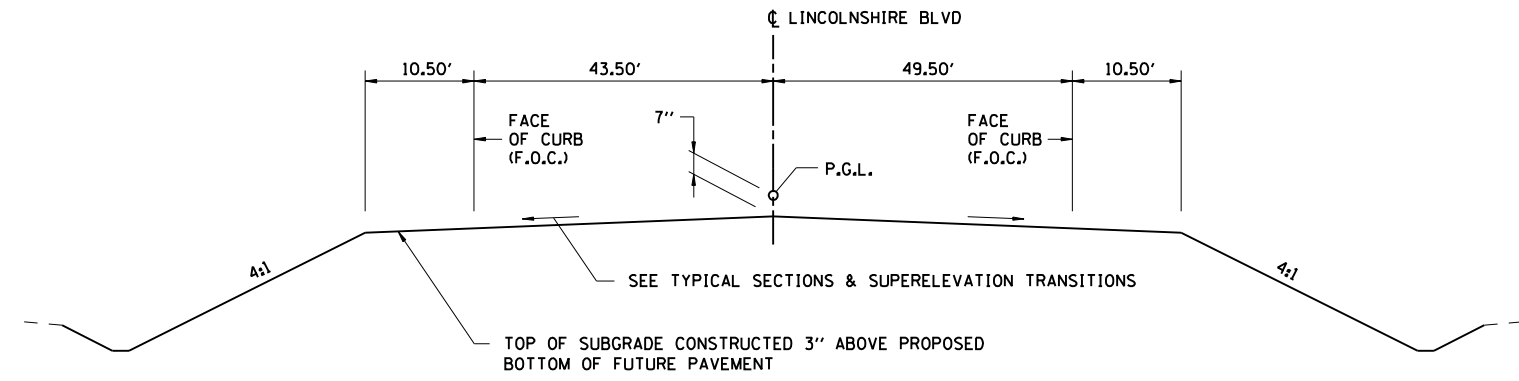
EMBANKMENT TYPICAL SECTION  
RAMPS



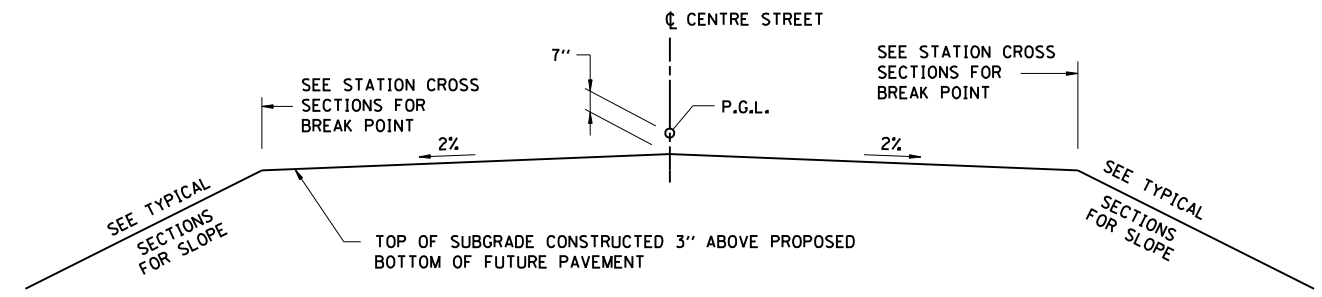
EMBANKMENT TYPICAL SECTION  
RECREATION DRIVE



EMBANKMENT TYPICAL SECTION  
RAMP TERMINAL



EMBANKMENT TYPICAL SECTION  
LINCOLNSHIRE BOULEVARD



EMBANKMENT TYPICAL SECTION  
CENTRE STREET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 EMBANKMENT TYPICAL SECTIONS -2  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 12/16/2006

DRAWN BY CLG  
 CHECKED BY JWM

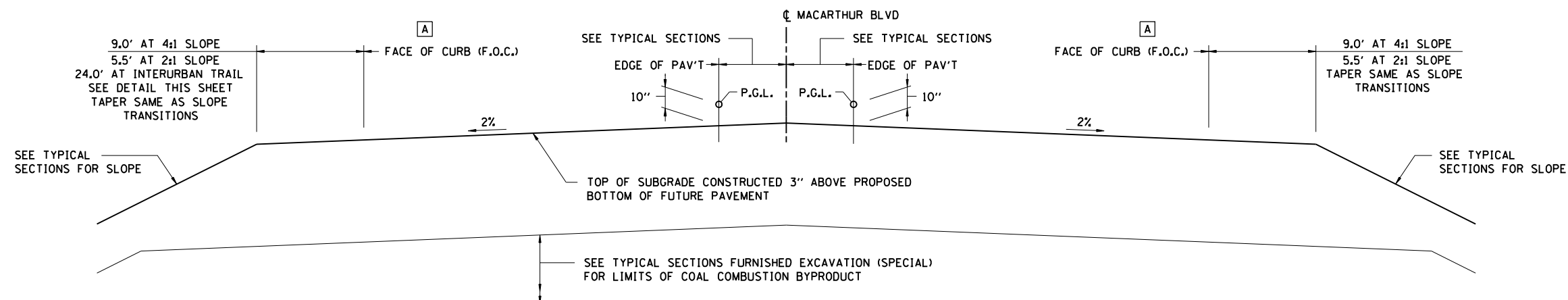


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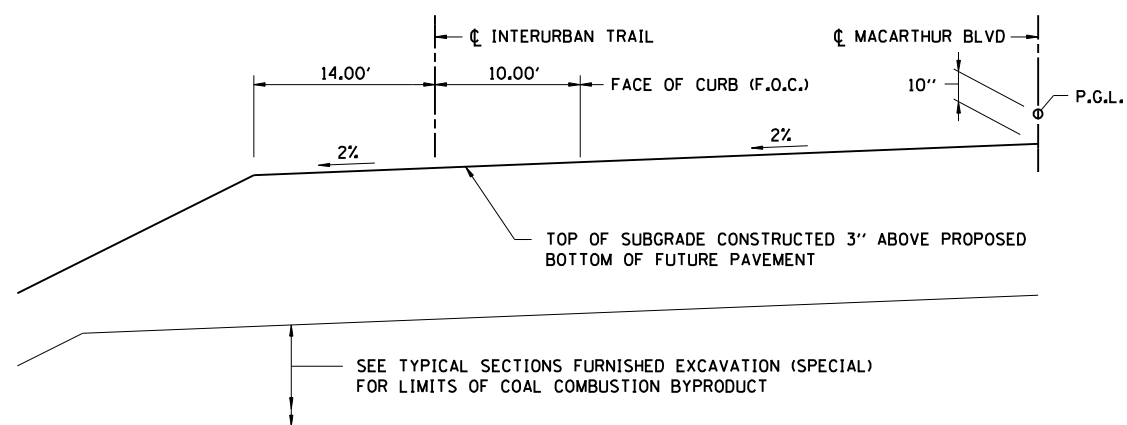
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DRAWN	CLG	08/05/06
REVIEWED	JWB/JWM	08/05/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

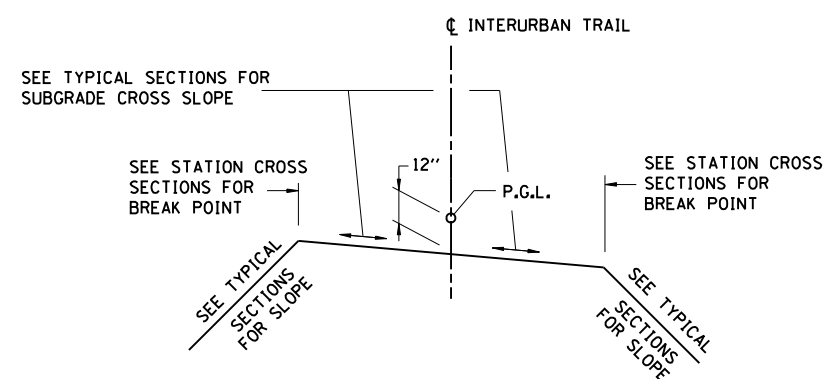


EMBAKMENT TYPICAL SECTION  
MACARTHUR BOULEVARD

[A] STA 803+50 (BACK OF NORTH ABUTMENT OF MACARTHUR BLVD OVER NORFOLK SOUTHERN RAILWAY STRUCTURE) TO STA 862+00.  
SEE EMBAKMENT WIDENING PLAN FOR LOCATION OF FUTURE FACE OF CURB.  
ALL OTHER LOCATIONS SEE TYPICAL SECTIONS AND PLAN & PROFILES FOR LOCATIONS OF FUTURE FACE OF CURB.



EMBAKMENT TYPICAL SECTION  
MACARTHUR BOULEVARD @ INTERURBAN TRAIL  
STA 841+00.00 (LT) TO STA. 853+07.25 (LT)



EMBAKMENT TYPICAL SECTION  
INTERURBAN TRAIL  
STA 10+51.27 TO STA 67+90.00 (MAC 841+00.00)  
STA 80+98.22 (MAC 853+07.25) TO STA 84+00.36

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EMBAKMENT TYPICAL SECTIONS -1  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
HORIZ.              CHECKED BY JWM  
DATE 12/16/2006

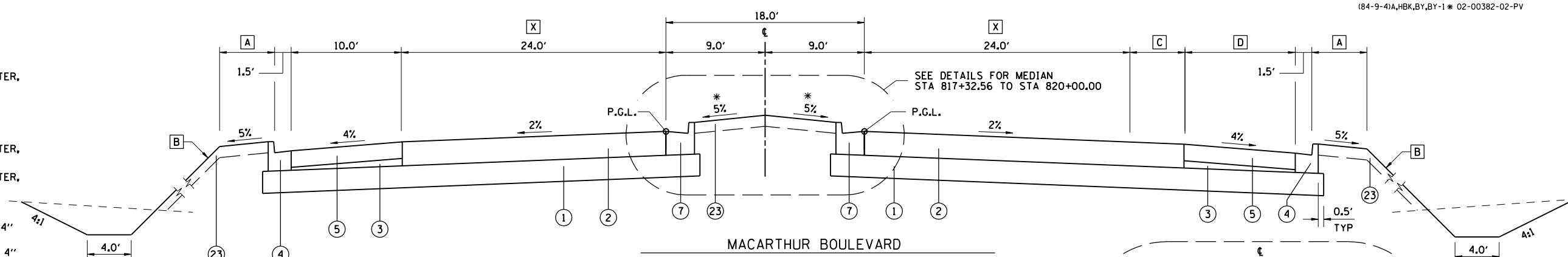
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LAYOUT CLG 08/05/06  
DRAWN CLG 08/05/06  
REVIEWED JWD/JWM 08/05/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

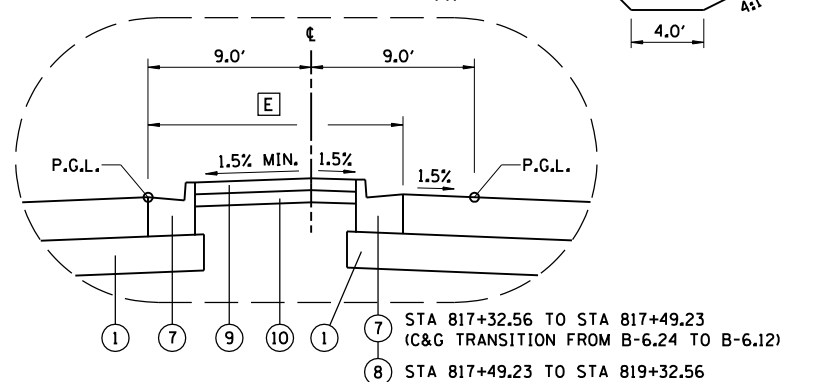
**LEGEND**

- ① PROCESSING MODIFIED SOILS 12"
- ② BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑤ BITUMINOUS SHOULDERS SUPERPAVE 9"
- ⑥ BITUMINOUS SHOULDERS SUPERPAVE 13"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑨ CONCRETE MEDIAN SURFACE, 4"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑪ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑫ AGGREGATE SHOULDERS, TYPE B 10"
- ⑬ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- ⑭ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- ⑮ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE A
- ⑰ AGGREGATE SHOULDERS, TYPE B 4"
- ⑱ AGGREGATE BASE COURSE, TYPE A 6"
- ⑲ SAWING PAVEMENT (FULL DEPTH)
- ⑳ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- ㉑ BITUMINOUS CONCRETE SHOULDER REMOVAL
- ㉒ PAVEMENT REMOVAL
- ㉓ TOPSOIL PLACEMENT 6"
- ㉔ PIPE UNDERDRAIN STD 601001
- ㉕ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ㉖ SUBBASE GRANULAR MATERIAL, TYPE A 12"

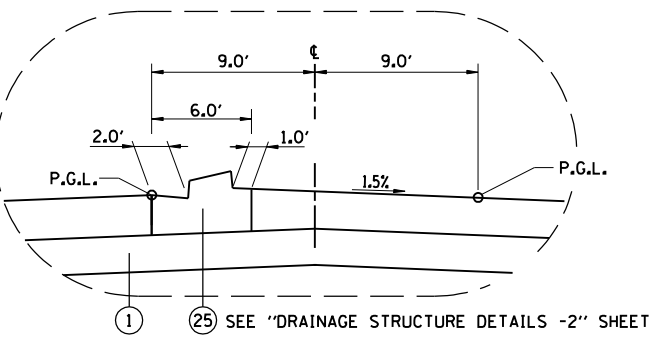
X FROM STA 803+50 TO 862+00 SEE EMBANKMENT WIDENING PLANS & EMBANKMENT TYPICAL SECTIONS FOR LOCATION OF FUTURE FACE OF CURB.



**MACARTHUR BOULEVARD**  
 STA 769+93.00 BEGIN IMPROVEMENT  
 STA 769+93.00 TO STA 771+43.35 RECREATION DRIVE INTERSECTION OMISSION  
 STA 771+43.35 (END RECREATION DRIVE INTERSECTION OMISSION TO STA 781+33.60 (BEGIN TURN LANE TAPER)  
 STA 803+94.99 (END TURN LANE TAPER) TO STA 820+00.00 (BEGIN LINCOLNSHIRE BLVD. INTERSECTION OMISSION)



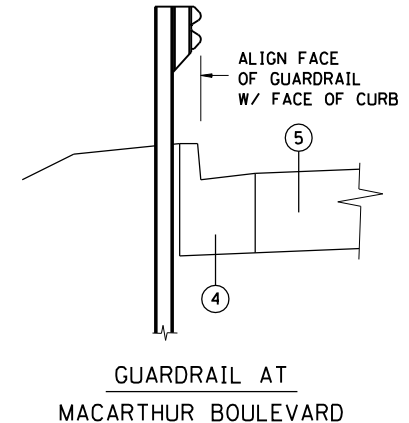
- A STA 771+43.35 TO STA 781+33.60 = 5.0'  
 STA 803+94.99 TO STA 808+00.00 = 3.5'  
 STA 808+00.00 TO STA 810+00.00 = TRANSITION 3.5' TO 5.0'  
 STA 810+00.00 TO STA 820+00.00 = 5.0'
- B STA 771+43.35 TO STA 781+33.60 = 4:1  
 STA 803+94.99 TO STA 808+00.00 = 2:1 (PROVIDE BENCH WITH DITCH. SEE BENCH & DITCH DETAILS SHEET AND STATION CROSS SECTIONS)  
 STA 808+00.00 TO STA 810+00.00 = TRANSITION 2:1 TO 4:1  
 STA 810+00.00 TO STA 820+00.00 = 4:1
- C STA 771+43.35 TO STA 781+33.60 = 0.0'  
 STA 803+94.99 TO STA 817+32.56 = 0.0'  
 STA 817+32.56 TO STA 819+32.56 = TRANSITION 0.0' TO 12.0'  
 STA 819+32.56 TO STA 820+00.00 = 12.0'
- D STA 771+43.35 TO STA 781+33.60 = 10.0'  
 STA 803+94.99 TO STA 817+32.56 = 10.0'  
 STA 817+32.56 TO STA 818+32.56 = TRANSITION 10.0' TO 4.0'  
 STA 818+32.56 TO STA 820+00.00 = 4.0'
- E STA 817+32.56 TO STA 819+32.56 = TRANSITION 18.0' TO 6.0'  
 STA 819+32.56 TO STA 820+00.00 = 6.0'



**MACARTHUR BOULEVARD**  
 STA 819+32.56 TO STA 820+00.00

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.

STRUCTURAL DESIGN TRAFFIC YEAR 2013		
PV = 20,710	SU = 654	MU = 436
ROAD/STREET CLASSIFICATION: CLASS I		
80,000 *		
TRAFFIC FACTOR:	ACTUAL TF = 2.69	AC TYPE = 20
	MINIMUM TF = N/A	
DESIGN STRAIN = 76 MICROSTRAIN		
SUBGRADE SUPPORT RATING: POOR		



- F STA 781+33.60 TO STA 781+91.30 = 9.0'  
 STA 781+91.30 TO STA 785+73.80 = TAPER 9.0' TO 17.5'
- G STA 781+33.60 TO STA 783+00.00 = 5.0'  
 STA 783+00.00 TO STA 785+00.00 = TRANSITION 5.0' TO 3.5'  
 STA 785+00.00 TO STA 785+73.80 = 3.5'
- H STA 781+33.60 TO STA 783+33.60 = TAPER 0.0' TO 12.0'  
 STA 783+33.60 TO STA 785+73.80 = 12.0'
- I STA 781+33.60 TO STA 781+91.30 = TAPER 10.0' TO 6.54'  
 STA 781+91.30 TO STA 782+22.17 TAPER 6.54' TO 4.0'  
 STA 782+22.17 TO STA 785+73.80 = 4.0'
- J STA 781+33.60 TO STA 783+00.00 = 4:1  
 STA 783+00.00 TO STA 785+00.00 = TRANSITION 4:1 TO 2:1  
 STA 785+00.00 TO STA 785+73.80 = 2:1 (PROVIDE BENCH WITH DITCH. SEE BENCH AND DITCH DETAILS SHEET AND STATION CROSS SECTIONS)

**MACARTHUR BOULEVARD**  
 STA 781+33.60 (BEGIN TURN LANE TAPER) TO STA 785+73.80 (BEGIN RAMP A /RAMP B INTERSECTION OMISSION)  
 \* TRANSITION TO PAVED MEDIAN CROSS SLOPE IN 10.00'

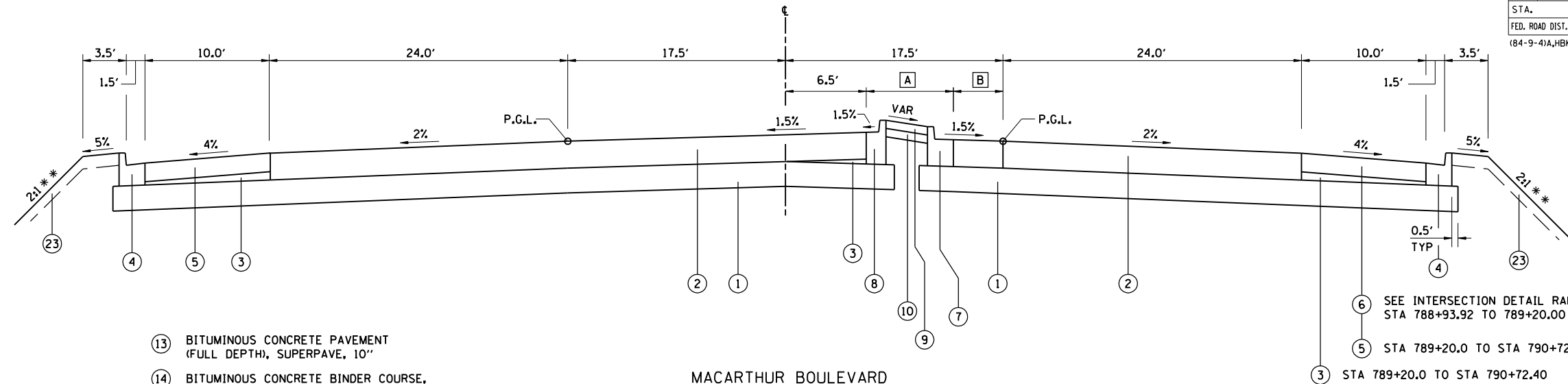
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS  
 MACARTHUR BOULEVARD -1  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS  
 SCALE: VERT. 1"=10'  
 HORIZ. 1"=40'  
 DATE: 12/16/2006  
 DRAWN BY: CLG  
 CHECKED BY: JAD



12/16/2006  
 \$FILES  
 LAYOUT CLG 08/05/06  
 DRAWN CLG 08/05/06  
 REVIEWED JAD/JMW 08/05/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



LEGEND

- ① PROCESSING MODIFIED SOILS 12"
- ② BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑤ BITUMINOUS SHOULDERS SUPERPAVE 9"
- ⑥ BITUMINOUS SHOULDERS SUPERPAVE 13"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑨ CONCRETE MEDIAN SURFACE, 4"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑪ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑫ AGGREGATE SHOULDERS, TYPE B 10"
- ⑬ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- ⑭ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- ⑮ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE A
- ⑰ AGGREGATE SHOULDERS, TYPE B 4"
- ⑱ AGGREGATE BASE COURSE, TYPE A 6"
- ⑲ SAWING PAVEMENT (FULL DEPTH)
- ⑳ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- ㉑ BITUMINOUS CONCRETE SHOULDER REMOVAL
- ㉒ PAVEMENT REMOVAL
- ㉓ TOPSOIL PLACEMENT 6"
- ㉔ PIPE UNDERDRAIN STD 601001
- ㉕ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ㉖ SUBBASE GRANULAR MATERIAL, TYPE A 12"

MACARTHUR BOULEVARD

STA 788+93.92 (END RAMP A /RAMP B INTERSECTION OMISSION) TO STA 790+72.40 (BEGIN TURN LANE)

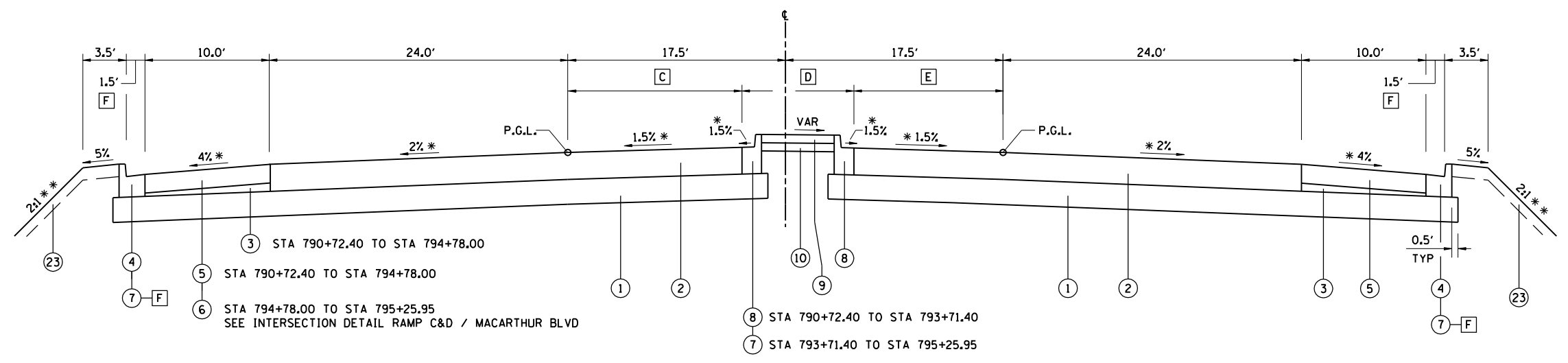
- A STA 788+93.92 TO STA 789+68.92 = 6.5' TO 11.0'  
STA 789+68.92 TO STA 790+59.40 = 11.0'  
STA 790+59.40 TO STA 790+72.40 = TAPER 11.0' TO 10.0'
- B STA 788+93.92 TO STA 789+68.92 = TAPER 4.5' TO 0.0'  
STA 789+68.92 TO STA 790+59.40 = 0.0'  
STA 790+59.40 TO STA 790+72.40 = TAPER 0.0' TO 1.0'

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.

- ⑥ SEE INTERSECTION DETAIL RAMP A&B / MACARTHUR BLVD STA 788+93.92 TO 789+20.00
- ⑤ STA 789+20.0 TO STA 790+72.40
- ③ STA 789+20.0 TO STA 790+72.40

STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 20,710	SU = 654 MU = 436
ROAD/STREET CLASSIFICATION:	CLASS I
80,000 #	
TRAFFIC FACTOR:	ACTUAL TF = 2.69 AC TYPE = 20
	MINIMUM TF = N/A
DESIGN STRAIN =	76 MICROSTRAIN
SUBGRADE SUPPORT RATING:	POOR

\* TRANSITION FROM ROADWAY CROSS SLOPE TO BRIDGE CROSS SLOPE IN 40.00'  
\*\* PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE. SEE "BENCH & DITCH DETAILS" SHEET AND STATION CROSS SECTIONS.



MACARTHUR BOULEVARD

STA 790+72.40 (BEGIN TURN LANE) TO STA 795+25.95 (BEGIN RAMP C /RAMP D INTERSECTION OMISSION) (BRIDGE OMISSION STA 791+36.64 TO STA 794+24.64)

- C STA 790+72.40 TO STA 793+84.40 = TAPER 24.0' TO 0.0'  
STA 793+84.40 TO STA 793+96.68 = 0.0'  
STA 793+96.68 TO STA 795+25.95 = VARIES  
SEE INTERSECTION DETAIL RAMP C&D / MACARTHUR BLVD
- D STA 790+72.40 TO STA 792+15.40 = 10.0'  
STA 792+15.40 TO STA 793+84.40 = 10.0' TO 23.0'  
STA 793+84.40 TO STA 793+96.68 = 23.0'  
STA 793+96.68 TO STA 795+25.95 = VARIES  
SEE INTERSECTION DETAIL RAMP C&D / MACARTHUR BLVD
- E STA 790+72.40 TO STA 792+15.40 = 1.0' TO 12.0'  
STA 792+15.40 TO STA 795+25.95 = 12.0'
- F TRANSITION GUTTER WIDTH OVER 10' TO ALIGN FACE OF CURB WITH FACE OF BRIDGE APPROACH PAVEMENT CURB. TRANSITION PAID FOR AS B-6.18 C&G

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
MACARTHUR BOULEVARD -2  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ. DATE 12/16/2006

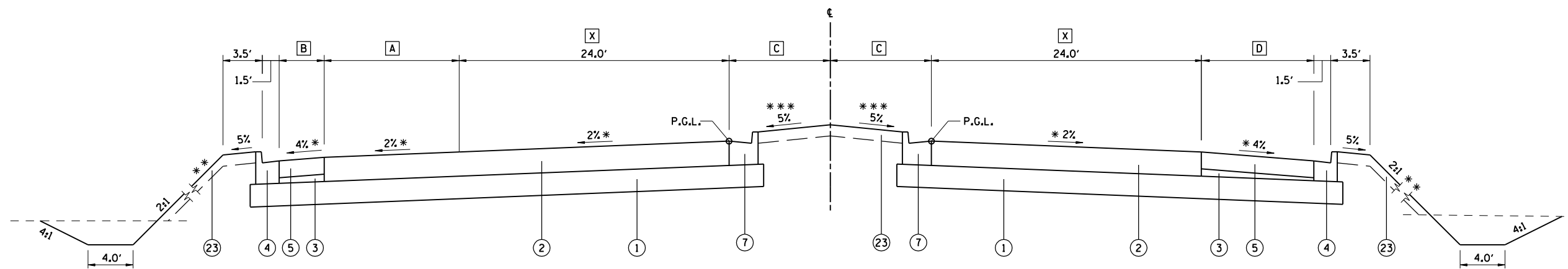
DRAWN BY CLG CHECKED BY JAD



12/16/2006 \$FILES  
LAYOUT CLG 08/05/06  
DRAWN CLG 08/05/06  
REVIEWED JAD/JMW 08/05/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

X FROM STA 803+50 TO 862+00 SEE EMBANKMENT WIDENING PLANS & EMBANKMENT TYPICAL SECTIONS FOR LOCATION OF FUTURE FACE OF CURB.



- A STA 798+08.49 TO BEGIN OF SOUTH BRIDGE APPROACH PAVEMENT = 12.0'  
END OF NORTH BRIDGE APPROACH PAVEMENT (STA 801+88.77)  
TO STA 801+90.99 = 12.0'  
801+90.99 TO 803+94.99 = TAPER 12.0' TO 0.00'
- B STA 798+08.49 TO BEGIN OF SOUTH BRIDGE APPROACH PAVEMENT = 4.0'  
END OF NORTH BRIDGE APPROACH PAVEMENT TO STA 803+94.99 = 10.0'
- C STA 798+08.49 TO STA 801+90.99 = TAPER 17.5' TO 9.0'  
STA 801+90.99 TO STA 803+94.99 = 9.0'
- D STA 798+08.49 TO BEGIN OF SOUTH BRIDGE APPROACH PAVEMENT = 10.0'  
END OF NORTH BRIDGE APPROACH PAVEMENT TO STA 803+05.00 = TAPER 15.15' TO 10.0'  
STA 803+05.00 TO STA 803+94.99 = 10.0'

MACARTHUR BOULEVARD  
 STA 798+08.49 (END RAMP C /RAMP D INTERSECTION OMISSION)  
 TO STA 803+94.99 (END TURN LANE TAPER)  
 BRIDGE OMISSION STA 799+24.78 TO STA 802+14.78

NOTES: PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE.  
SEE "BENCH & DITCH DETAILS" SHEET AND STATION CROSS SECTIONS.

- \* TRANSITION FROM ROADWAY CROSS SLOPE TO BRIDGE CROSS SLOPE IN 40.00'
- \*\* PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE.  
SEE "BENCH & DITCH DETAILS" SHEET AND STATION CROSS SECTIONS.
- \*\*\* TRANSITION TO PAVED MEDIAN CROSS SLOPE OR BRIDGE CROSS SLOPE IN 10.00'

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.

LEGEND

- |   |   |
|---|---|
| ① PROCESSING MODIFIED SOILS 12"                             | ⑬ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"             |
| ② BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13" | ⑭ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"             |
| ③ SUBBASE GRANULAR MATERIAL, TYPE C                         | ⑮ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2" |
| ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18         | ⑯ SUBBASE GRANULAR MATERIAL, TYPE A                                     |
| ⑤ BITUMINOUS SHOULDERS SUPERPAVE 9"                         | ⑰ AGGREGATE SHOULDERS, TYPE B 4"  |
| ⑥ BITUMINOUS SHOULDERS SUPERPAVE 13"                        | ⑱ AGGREGATE BASE COURSE, TYPE A 6"                                      |
| ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24         | ⑲ SAWING PAVEMENT (FULL DEPTH)  |
| ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12         | ⑳ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"             |
| ⑨ CONCRETE MEDIAN SURFACE, 4"                               | ㉑ BITUMINOUS CONCRETE SHOULDER REMOVAL                                  |
| ⑩ SUBBASE GRANULAR MATERIAL, TYPE C 4"                      | ㉒ PAVEMENT REMOVAL  |
| ⑪ PORTLAND CEMENT CONCRETE SIDEWALK 4"                      | ㉓ TOPSOIL PLACEMENT 6"  |
| ⑫ AGGREGATE SHOULDERS, TYPE B 10"                           | ㉔ PIPE UNDERDRAIN STD 601001  |
|   | ㉕ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)                               |
|   | ㉖ SUBBASE GRANULAR MATERIAL, TYPE A 12"                                 |

STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 20,710	SU = 654 MU = 436
ROAD/STREET CLASSIFICATION:	CLASS I
80,000 *	
TRAFFIC FACTOR:	ACTUAL TF = 2.69 AC TYPE = 20
	MINIMUM TF = N/A
DESIGN STRAIN = 76 MICROSTRAIN	
SUBGRADE SUPPORT RATING:	POOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS  
 MACARTHUR BOULEVARD -3  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ.  
 DATE 12/16/2006

DRAWN BY CLG  
 CHECKED BY JAD

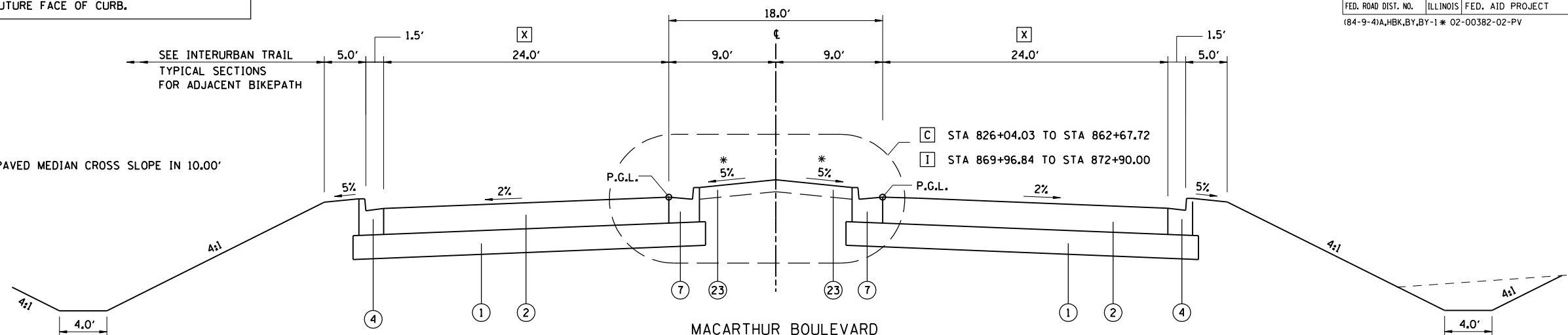


12/16/2006  
 \$FILES  
 LAYOUT CLG 08/05/06  
 DRAWN CLG 08/05/06  
 REVIEWED JAD/JMW 08/05/06



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	20
STA. 8071 TO STA. 8072				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

[X] FROM STA 803+50 TO 862+00 SEE EMBANKMENT WIDENING PLANS & EMBANKMENT TYPICAL SECTIONS FOR LOCATION OF FUTURE FACE OF CURB.



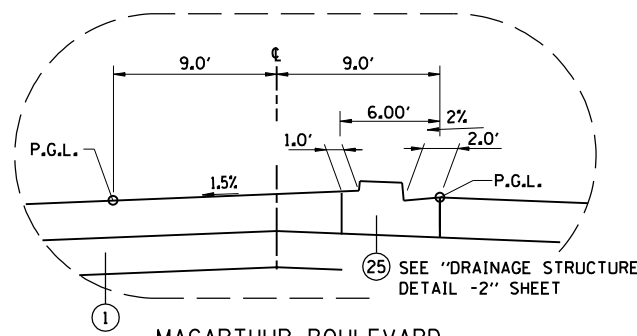
\* TRANSITION TO PAVED MEDIAN CROSS SLOPE IN 10.00'

LEGEND

- 1 PROCESSING MODIFIED SOILS 12"
- 2 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- 3 SUBBASE GRANULAR MATERIAL, TYPE C.
- 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 5 BITUMINOUS SHOULDERS SUPERPAVE 9"
- 6 BITUMINOUS SHOULDERS SUPERPAVE 13"
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 8 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 9 CONCRETE MEDIAN SURFACE, 4"
- 10 SUBBASE GRANULAR MATERIAL, TYPE C 4"
- 11 PORTLAND CEMENT CONCRETE SIDEWALK 4"
- 12 AGGREGATE SHOULDERS, TYPE B 10"
- 13 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- 14 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- 15 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- 16 SUBBASE GRANULAR MATERIAL, TYPE A
- 17 AGGREGATE SHOULDERS, TYPE B 4"
- 18 AGGREGATE BASE COURSE, TYPE A 6"
- 19 SAWING PAVEMENT (FULL DEPTH)
- 20 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- 21 BITUMINOUS CONCRETE SHOULDER REMOVAL
- 22 PAVEMENT REMOVAL
- 23 TOPSOIL PLACEMENT 6"
- 24 PIPE UNDERDRAIN STD 601001
- 25 CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- 26 SUBBASE GRANULAR MATERIAL, TYPE A 12"

(END LINCOLNSHIRE INTERSECTION OMISSION) STA 823+25.10 TO STA 872+90.00

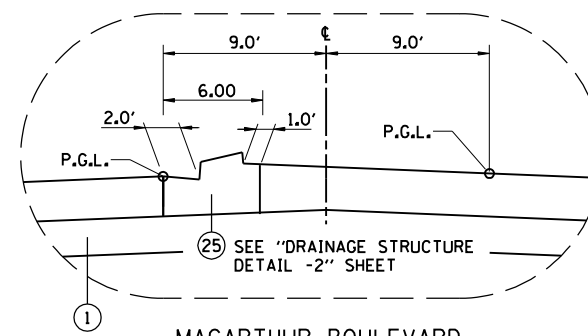
[F] (CENTRE STREET INTERSECTION OMISSION STA 865+15.22 TO STA 867+27.18)



MACARTHUR BOULEVARD

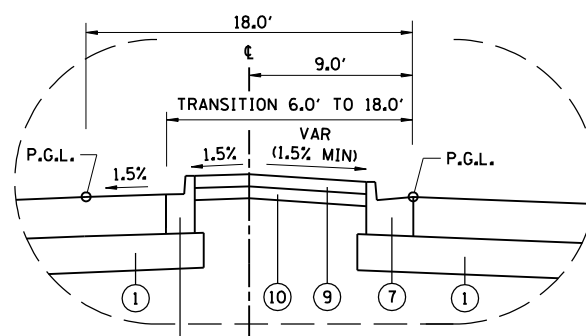
[A] STA 823+25.10 TO STA 824+04.03

[G] STA 867+27.18 TO STA 868+21.84



MACARTHUR BOULEVARD

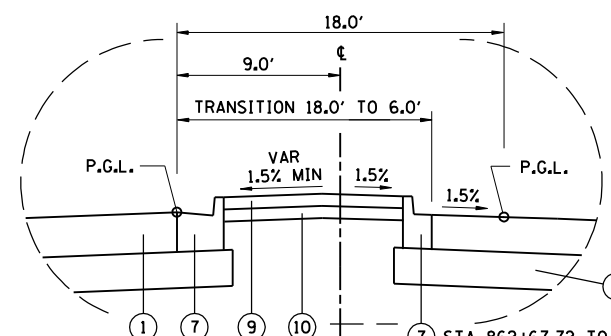
[E] STA 864+42.72 TO STA 865+15.22



MACARTHUR BOULEVARD

[B] STA 824+04.03 TO STA 826+04.03

[H] STA 868+21.84 TO STA 869+96.84



MACARTHUR BOULEVARD

[D] STA 862+67.72 TO STA 864+42.72

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.

STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 20,710	SU = 654 MU = 436
ROAD/STREET CLASSIFICATION:	CLASS I
80,000 *	
TRAFFIC FACTOR:	ACTUAL TF = 2.69 AC TYPE = 20
	MINIMUM TF = N/A
DESIGN STRAIN =	76 MICROSTRAIN
SUBGRADE SUPPORT RATING:	POOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
MACARTHUR BOULEVARD -4  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

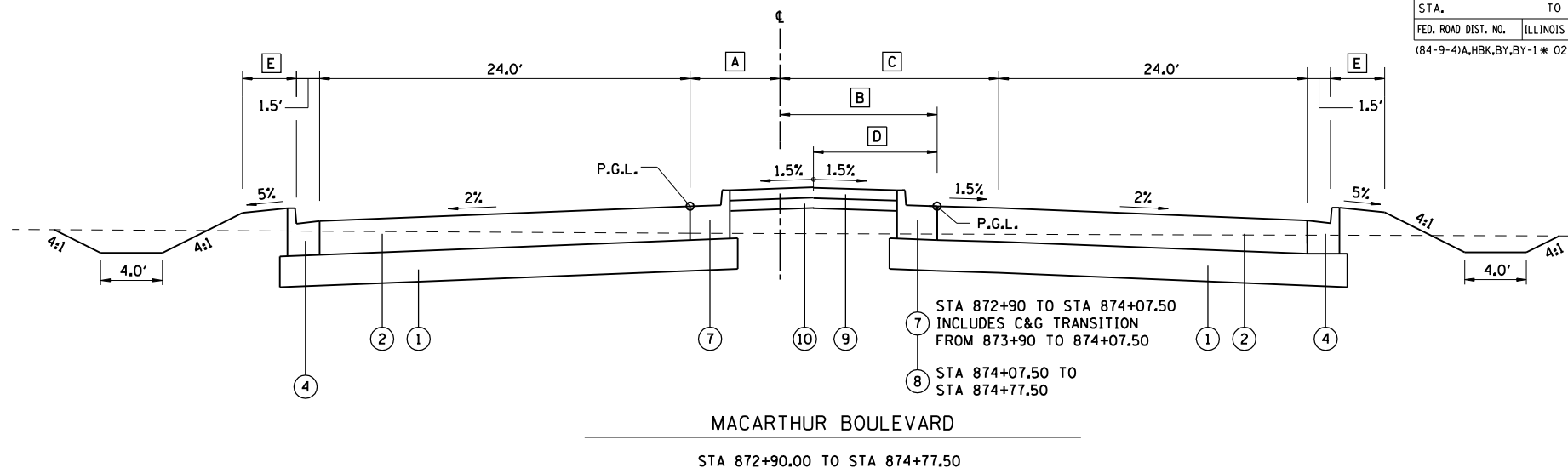
SCALE: VERT.      DRAWN BY CLG  
HORIZ.              CHECKED BY JAD  
DATE 12/16/2006



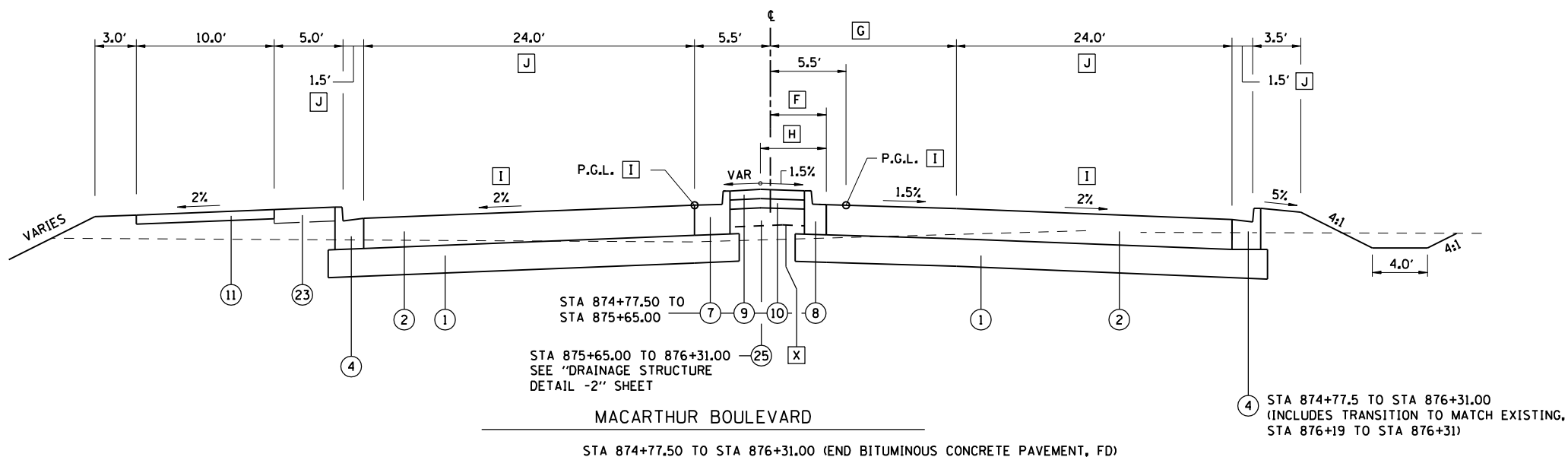
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	21
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV		

**LEGEND**

- ① PROCESSING MODIFIED SOILS 12"
- ② BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑤ BITUMINOUS SHOULDERS SUPERPAVE 9"
- ⑥ BITUMINOUS SHOULDERS SUPERPAVE 13"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑨ CONCRETE MEDIAN SURFACE, 4"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑪ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑫ AGGREGATE SHOULDERS, TYPE B 10"
- ⑬ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- ⑭ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- ⑮ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE A
- ⑰ AGGREGATE SHOULDERS, TYPE B 4"
- ⑱ AGGREGATE BASE COURSE, TYPE A 6"
- ⑲ SAWING PAVEMENT (FULL DEPTH)
- ⑳ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- ㉑ BITUMINOUS CONCRETE SHOULDER REMOVAL
- ㉒ PAVEMENT REMOVAL
- ㉓ TOPSOIL PLACEMENT 6"
- ㉔ PIPE UNDERDRAIN STD 601001
- ㉕ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ㉖ SUBBASE GRANULAR MATERIAL, TYPE A 12"



- A** STA 872+90.00 TO STA 873+90.00 = TAPER FROM 9.0' TO 5.5'  
STA 873+90.00 TO STA 874+77.50 = 5.5'
- B** STA 872+90.00 TO STA 873+90.00 = TAPER FROM 9.0' TO 10.5'  
STA 873+90.00 TO STA 874+77.50 = TAPER FROM 10.5' TO 5.5'
- C** STA 872+90.00 TO STA 873+90.00 = TAPER FROM 9.0' TO 10.5'  
STA 873+90.00 TO STA 874+77.50 = TAPER FROM 10.5' TO 12.5'
- D** STA 872+90.00 TO STA 873+90.00 = TAPER 9.0' TO 8.0'  
STA 873+90.00 TO STA 874+77.50 = TAPER 8.0' TO 5.5'
- E** STA 872+90.00 TO STA 873+90.00 = TAPER 5.00' TO 3.50'  
STA 873+90.00 TO STA 874+50.00 = 3.50'  
STA 874+50.00 TO STA 874+77.50 = VARIES  
SEE INTERSECTION DETAIL MACARTHUR BLVD/ JUNCTION CIRCLE AND STATION X-SECTIONS



- F** STA 874+77.50 TO STA 875+65.00 = TAPER FROM 5.5' TO 0.5'  
STA 875+65.00 TO STA 876+31.00 = 0.5'
- G** STA 874+77.50 TO STA 875+65.0 TAPER FROM 12.5' TO 14.5'  
STA 875+65.0 TO STA 876+31.0 = 14.5'
- H** STA 874+77.5 TO 875+65.0 TAPER 5.5' TO 1.58'  
STA 875+65.0 TO STA 876+31.0 = 1.58'
- I** STA 876+00.00 TO STA 876+31.00 TRANSITION CROSS SLOPES AND PGL ELEVATION TO MATCH EXISTING PAVEMENT. (SEE INTERSECTION DETAIL)
- J** STA 876+00.0 TO STA 876+31.0 TRANSITION TO MATCH EXISTING PAVEMENT AND GUTTER WIDTH (SEE INTERSECTION DETAIL)

**NOTE:** SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.

**NOTES:** PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE. SEE "BENCH & DITCH DETAILS" SHEET AND STATION CROSS SECTIONS.  
APPLY TYPICAL FILLSLOPE STEPPING DETAIL TO SIDESLOPE FILLS. SEE "BENCH & DITCH DETAILS" SHEET.  
STRIP TOP 1' OF TOPSOIL BENEATH EMBANKMENTS LESS THAN 5' HIGH AND STOCKPILE FOR USE SEE STATION CROSS SECTIONS.

STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 20,710	SU = 654 MU = 436
ROAD/STREET CLASSIFICATION:	CLASS I
80,000 *	
TRAFFIC FACTOR:	ACTUAL TF = 2.69 AC TYPE = 20
	MINIMUM TF = N/A
DESIGN STRAIN =	76 MICROSTRAIN
SUBGRADE SUPPORT RATING:	POOR

REVISIONS	
NAME	DATE

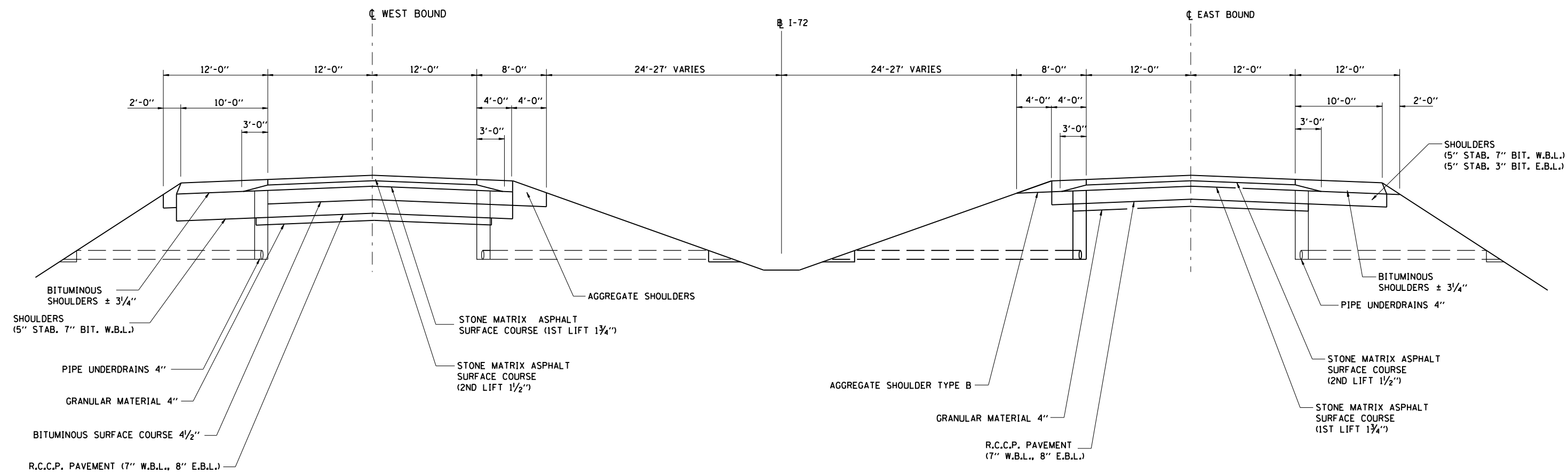
ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
MACARTHUR BOULEVARD -5  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
HORIZ.              CHECKED BY JAD  
DATE 12/16/2006



12/16/2006  
\$FILES  
LAYOUT CLG 08/05/06  
DRAWN CLG 08/05/06  
REVIEWED JAD/JMW 08/05/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	22
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



EXISTING I-72



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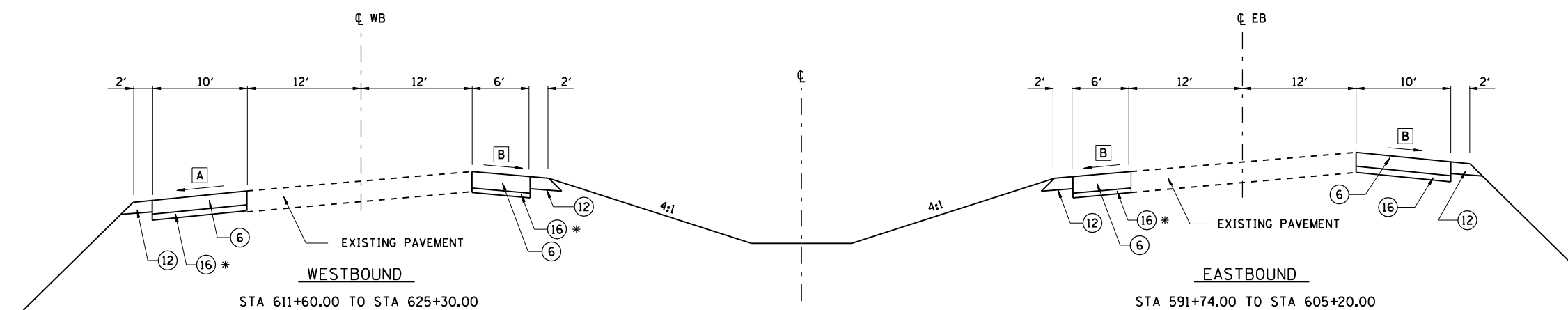
12/16/2006	LAYOUT	CLC	08/05/06
	DRAWN	CLC	08/05/06
	REVIEWED	JMD/JMW	08/05/06

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS  
 EXISTING I-72  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY HEI  
 HORIZ.              CHECKED BY JMW  
 DATE 12/16/2006

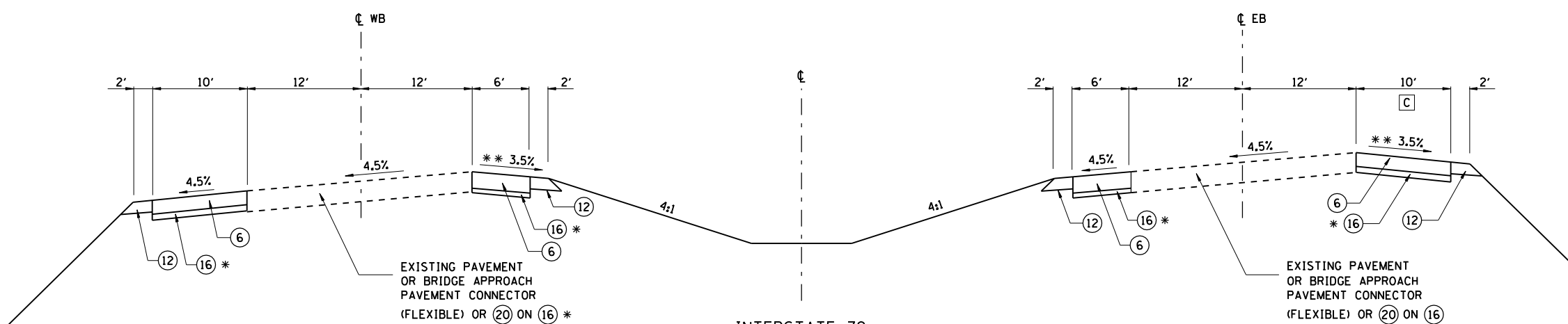
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	23
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



- A SHOULDER CROSS SLOPE TO MATCH EXISTING PAVEMENT CROSS SLOPE
- B SHOULDER CROSS SLOPE TO MATCH EXISTING SHOULDER CROSS SLOPE

INTERSTATE 72  
SHOULDER REMOVAL & REPLACEMENT

\* THICKNESS OF SUBBASE GRANULAR MATERIAL VARIES AS REQUIRED TO BACKFILL AFTER PAVEMENT AND SHOULDER REMOVAL.

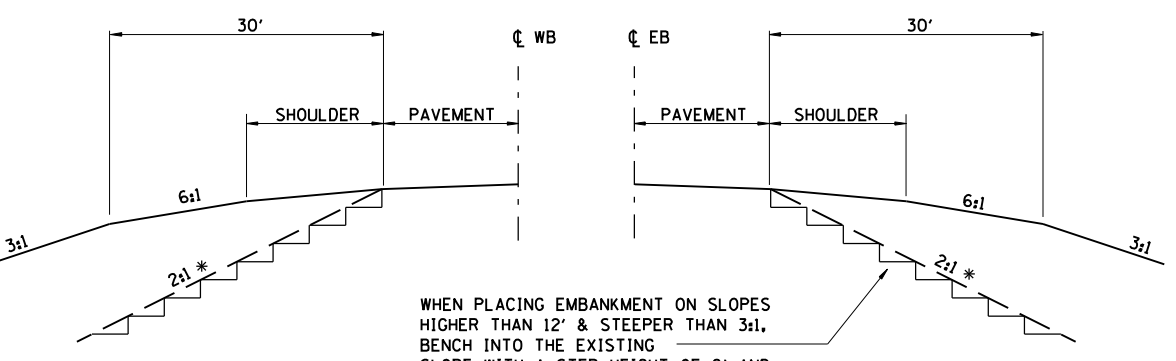


INTERSTATE 72  
STA 605+20.00 TO 611+60.00  
SEE PLAN FOR BRIDGE OMISSION

\* THICKNESS OF SUBBASE GRANULAR MATERIAL VARIES AS REQUIRED TO BACKFILL AFTER PAVEMENT AND SHOULDER REMOVAL.

\*\* TRANSITION SHOULDER SLOPES AT BRIDGE AS SHOWN ON PLAN.

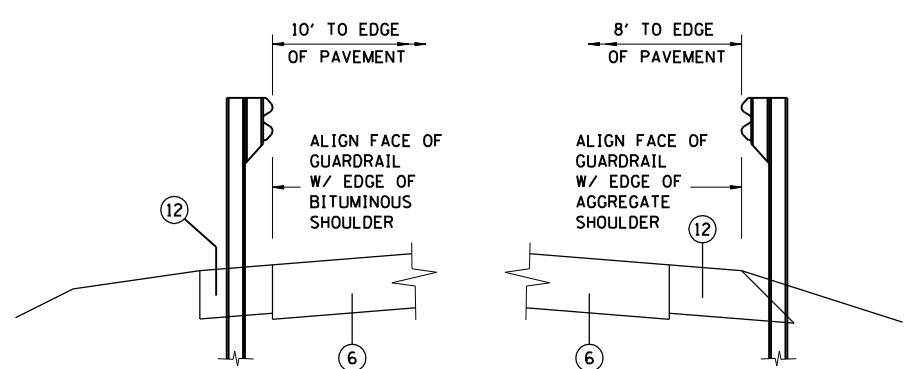
C EXTEND SHOULDER REMOVAL & REPLACEMENT TO STA 611+90.



WHEN PLACING EMBANKMENT ON SLOPES HIGHER THAN 12' & STEEPER THAN 3:1, BENCH INTO THE EXISTING SLOPE WITH A STEP HEIGHT OF 2' AND A MINIMUM STEP WIDTH OF 2'.

\* USE 2:1 SLOPES WHEN SHOWN ON STA. CROSS SECTIONS

EARTHWORK @ I-72  
SEE STATION CROSS SECTIONS FOR EARTHWORK



GUARDRAIL AT  
OUTSIDE SHOULDER

GUARDRAIL AT  
MEDIAN SHOULDER

LEGEND

- 1 PROCESSING MODIFIED SOILS 12"
- 2 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- 3 SUBBASE GRANULAR MATERIAL, TYPE C
- 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 5 BITUMINOUS SHOULDERS SUPERPAVE 9"
- 6 BITUMINOUS SHOULDERS SUPERPAVE 13"
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 8 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 9 CONCRETE MEDIAN SURFACE, 4"
- 10 SUBBASE GRANULAR MATERIAL, TYPE C 4"
- 11 PORTLAND CEMENT CONCRETE SIDEWALK 4"
- 12 AGGREGATE SHOULDERS, TYPE B 10"
- 13 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- 14 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- 15 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- 16 SUBBASE GRANULAR MATERIAL, TYPE A
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- 18 AGGREGATE BASE COURSE, TYPE A 6"
- 19 SAWING PAVEMENT (FULL DEPTH)
- 20 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- 21 BITUMINOUS CONCRETE SHOULDER REMOVAL
- 22 PAVEMENT REMOVAL
- 23 TOPSOIL PLACEMENT 6"
- 24 PIPE UNDERDRAIN STD 601001
- 25 CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- 26 SUBBASE GRANULAR MATERIAL, TYPE A 12"

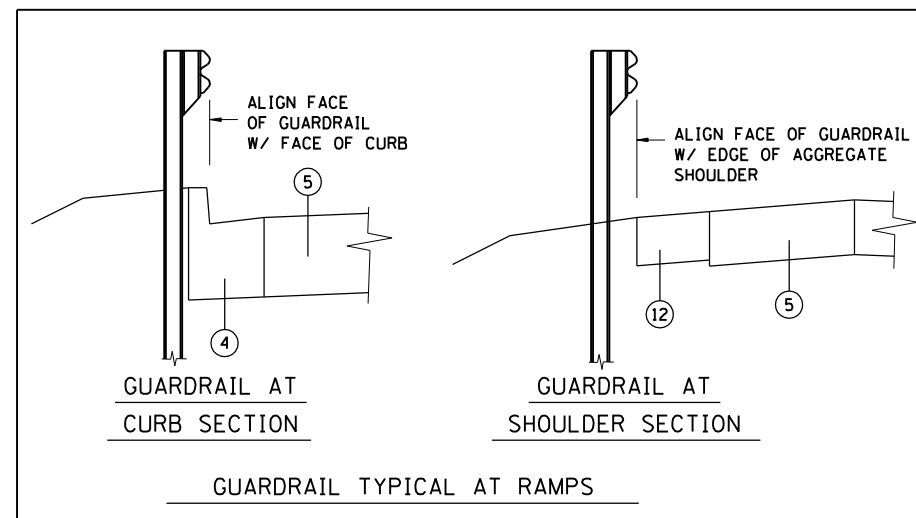
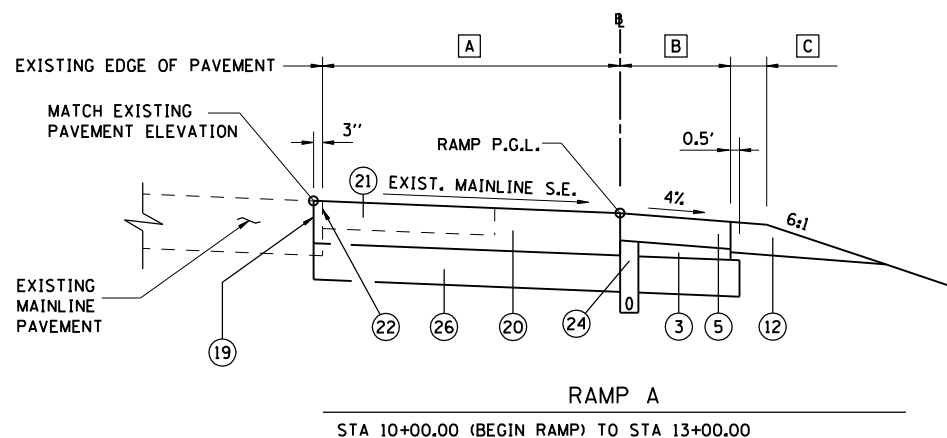
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTION  
I-72  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. 1"=4'  
HORIZ. 1"=40'  
DATE 12/16/2006  
DRAWN BY CLG  
CHECKED BY JAD

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

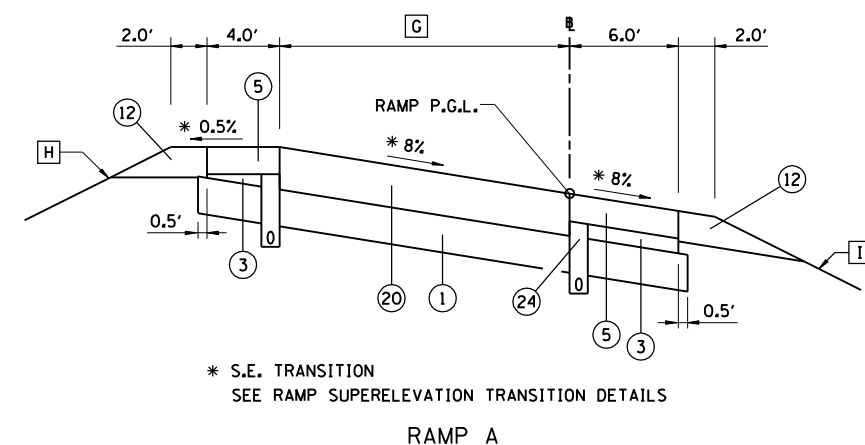
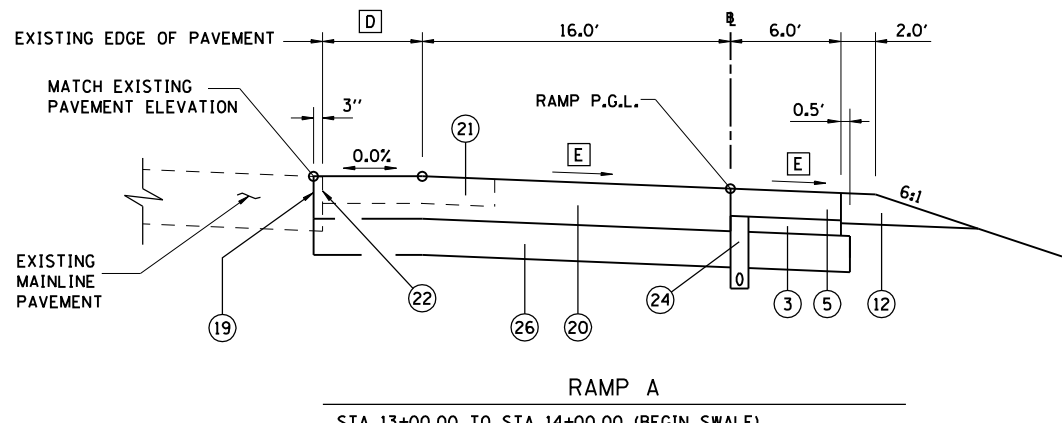
- A STA 10+00.00 TO STA 13+00.00 = SEE RAMP TERMINAL DETAIL
- B STA 10+00.00 TO STA 13+00.00 = SEE RAMP TERMINAL DETAIL
- C STA 10+00.00 TO STA 13+00.00 = SEE RAMP TERMINAL DETAIL



LEGEND

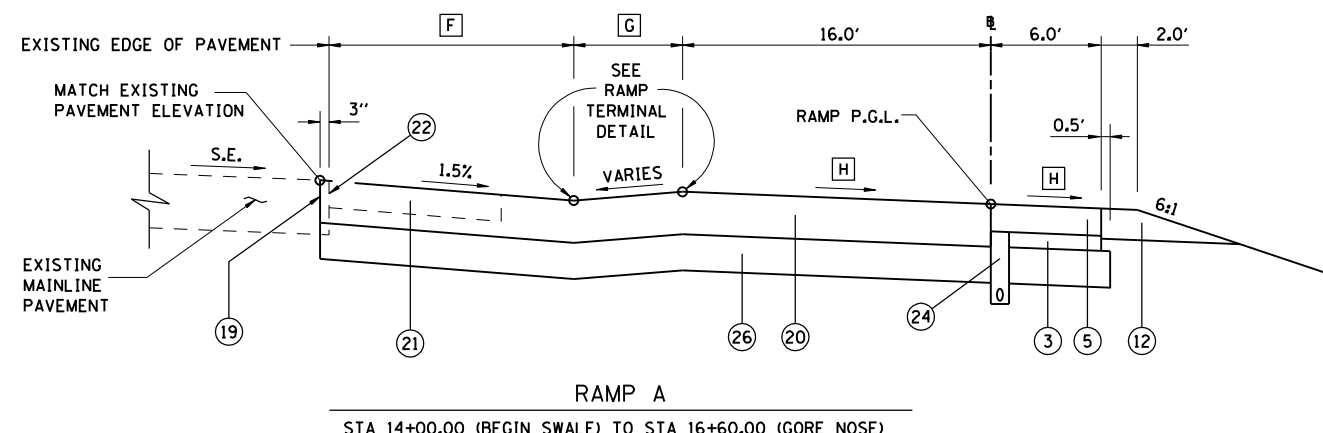
- 1 PROCESSING MODIFIED SOILS 12"
- 2 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- 3 SUBBASE GRANULAR MATERIAL, TYPE C
- 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 5 BITUMINOUS SHOULDERS SUPERPAVE 9"
- 6 BITUMINOUS SHOULDERS SUPERPAVE 13"
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 8 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 9 CONCRETE MEDIAN SURFACE, 4"
- 10 SUBBASE GRANULAR MATERIAL, TYPE C 4"
- 11 PORTLAND CEMENT CONCRETE SIDEWALK 4"
- 12 AGGREGATE SHOULDERS, TYPE B 10"
- 13 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- 14 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- 15 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- 16 SUBBASE GRANULAR MATERIAL, TYPE A
- 17 AGGREGATE SHOULDERS, TYPE B 4"
- 18 AGGREGATE BASE COURSE, TYPE A 6"
- 19 SAWING PAVEMENT (FULL DEPTH)
- 20 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- 21 BITUMINOUS CONCRETE SHOULDER REMOVAL
- 22 PAVEMENT REMOVAL
- 23 TOPSOIL PLACEMENT 6"
- 24 PIPE UNDERDRAIN STD 601001
- 25 CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- 26 SUBBASE GRANULAR MATERIAL, TYPE A 12"

- D STA 13+00.00 TO STA 14+00.00 = SEE RAMP TERMINAL DETAIL
- E STA 13+00.00 TO STA 14+00.00 = SEE RAMP TERMINAL DETAIL



\* S.E. TRANSITION  
SEE RAMP SUPERELEVATION TRANSITION DETAILS

- F STA 14+00.00 TO STA 16+60.00 = SEE RAMP TERMINAL DETAIL
- G STA 14+00.00 TO STA 16+60.00 = SEE RAMP TERMINAL DETAIL
- H STA 14+00.00 TO STA 16+60.00 = SEE RAMP TERMINAL DETAIL



NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS, PIPE UNDERDRAINS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION, PIPE UNDERDRAINS & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.

STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 7647	SU = 242 MU = 161
ROAD/STREET CLASSIFICATION:	CLASS
TRAFFIC FACTOR:	ACTUAL TF = 2.22 AC TYPE = 20
	MINIMUM TF = 4.74
DESIGN STRAIN =	65 MICROSTRAIN
SUBGRADE SUPPORT RATING:	POOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS RAMP A -1  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

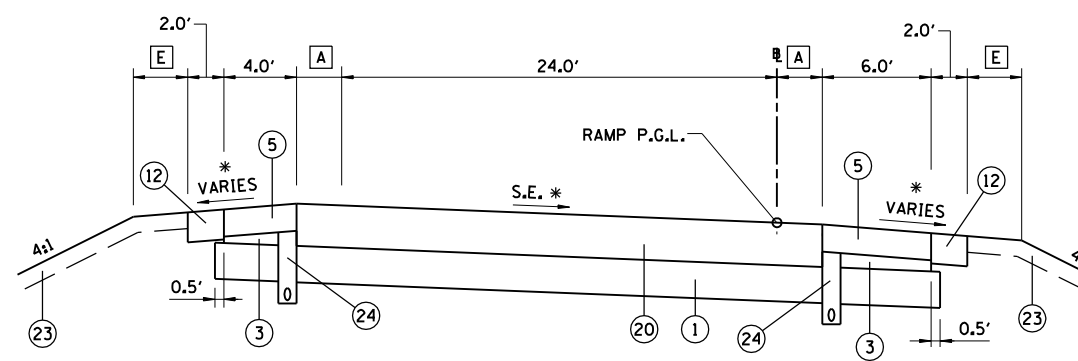
SCALE: VERT.      DRAWN BY CLG  
          HORIZ.      CHECKED BY JAD  
DATE 12/16/2006



12/16/2006  
\$FILES  
LAYOUT CLG 08/05/06  
DRAWN CLG 08/05/06  
REVIEWED JAD/JMW 08/05/06



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



**RAMP A**  
STA 22+98.41 (PT) TO STA 25+93.47 (PC)

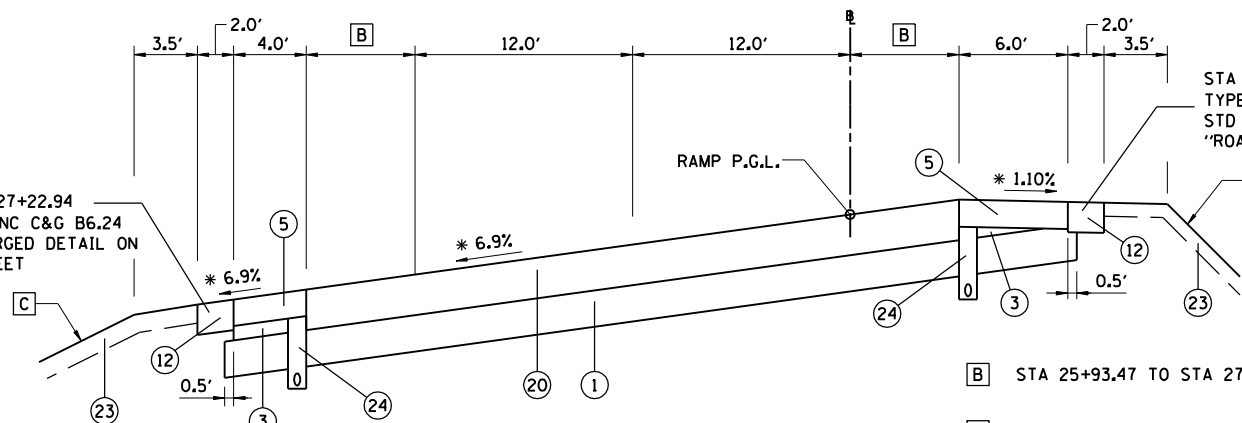
- A** STA 22+98.41 TO STA 25+60.00 = 0.0'  
STA 25+60.00 TO STA 25+93.47 = TAPER 0.0' TO 1.91'
- E** STA 22+98.41 TO STA 24+00.00 = 0.0'  
STA 24+00.00 TO STA 24+10.00 = TAPER 0.0' TO 3.0'  
STA 24+10.00 TO STA 25+93.47 = 3.5'

- LEGEND**
- ① PROCESSING MODIFIED SOILS 12"
  - ② BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
  - ③ SUBBASE GRANULAR MATERIAL, TYPE C
  - ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
  - ⑤ BITUMINOUS SHOULDERS SUPERPAVE 9"
  - ⑥ BITUMINOUS SHOULDERS SUPERPAVE 13"
  - ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - ⑨ CONCRETE MEDIAN SURFACE, 4"
  - ⑩ SUBBASE GRANULAR MATERIAL, TYPE C 4"
  - ⑪ PORTLAND CEMENT CONCRETE SIDEWALK 4"
  - ⑫ AGGREGATE SHOULDERS, TYPE B 10"
  - ⑬ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
  - ⑭ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
  - ⑮ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
  - ⑯ SUBBASE GRANULAR MATERIAL, TYPE A
  - ⑰ AGGREGATE SHOULDERS, TYPE B 4"
  - ⑱ AGGREGATE BASE COURSE, TYPE A 6"
  - ⑲ SAWING PAVEMENT (FULL DEPTH)
  - ⑳ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
  - ㉑ BITUMINOUS CONCRETE SHOULDER REMOVAL
  - ㉒ PAVEMENT REMOVAL
  - ㉓ TOPSOIL PLACEMENT 6"
  - ㉔ PIPE UNDERDRAIN STD 601001
  - ㉕ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
  - ㉖ SUBBASE GRANULAR MATERIAL, TYPE A 12"

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS, PIPE UNDERDRAINS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION, PIPE UNDERDRAINS & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.

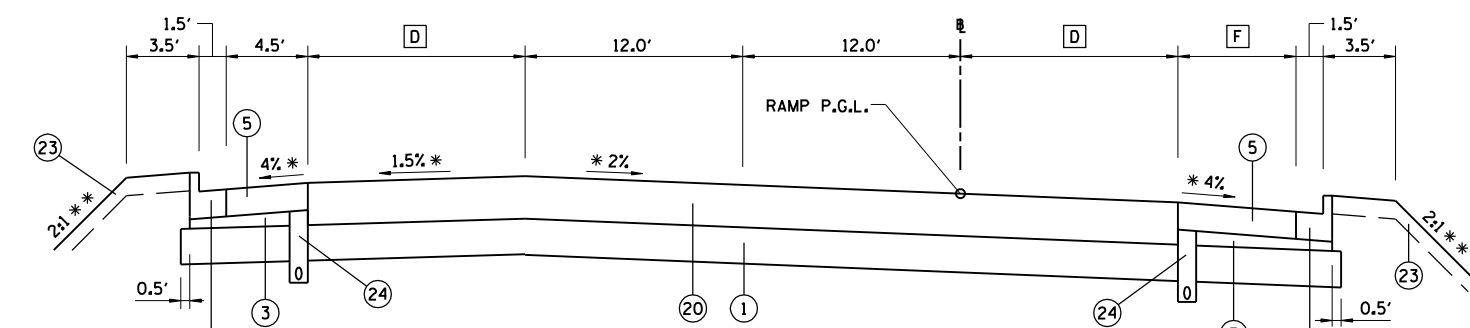
STRUCTURAL DESIGN TRAFFIC YEAR 2013		
PV = 7647	SU = 242	MU = 161
ROAD/STREET CLASSIFICATION:		CLASS
TRAFFIC FACTOR:	ACTUAL TF = 2.22	AC TYPE = 20
	MINIMUM TF = 4.74	
DESIGN STRAIN = 65 MICROSTRAIN		
SUBGRADE SUPPORT RATING: POOR		

\* SEE RAMP SUPERELEVATION TRANSITION DETAILS.  
\*\* PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE. SEE SHEET "BENCH & DITCH DETAILS" AND STATION CROSS SECTIONS.



**RAMP A**  
STA 25+93.47 (PC) TO STA 27+22.94 (PT)

- B** STA 25+93.47 TO STA 27+22.94 = TAPER 1.91' TO 9.31'
- C** STA 25+93.47 TO STA 26+00.00 = 4:1  
STA 26+00.00 TO STA 27+00.00 = TRANSITION 4:1 TO 2:1  
STA 27+00.00 TO STA 27+22.94 = 2:1 \*\*



**RAMP A**  
STA 27+22.94 (PT) TO STA 28+52.16 (INTERSECTION OMISSION)

- D** STA 27+22.94 TO STA 27+70.00 = TAPER 9.31' TO 12.0'  
STA 27+70.00 TO STA 28+52.16 = 12.0'
- F** STA 27+22.94 TO STA 27+26.18 = 6.0'  
STA 27+26.18 TO STA 27+34.18 = TAPER FROM 6.0' TO 6.5'  
STA 27+34.18 TO STA 28+52.16 = 6.5'

STA 27+00.00 TO STA 27+22.94  
TYPE 2 OUTLET FOR CONC C&G B6.24  
STD 606006, SEE ENLARGED DETAIL ON  
"ROADWAY DETAILS" SHEET

STA 27+22.94 TO STA 27+26.75  
TYPE 2 OUTLET FOR CONC C&G B6.24  
STD 606006, SEE "ROADWAY DETAILS"  
SHEET  
STA 27+26.75 TO STA 27+34.75  
TRANSITION B6.24 C&G TO B6.18 C&G  
B6.18 C&G STA 27+34.75.00 TO STA 28+52.16

STA 27+22.94 TO STA 27+26.18  
TYPE 2 OUTLET FOR CONC C&G B6.24  
STD 606006, SEE "ROADWAY DETAILS" SHEET  
STA 27+26.18 TO STA 27+34.18  
TRANSITION B6.24 C&G TO B6.18 C&G  
B6.18 C&G STA 27+34.18 TO STA 28+52.16

REVISIONS	
NAME	DATE

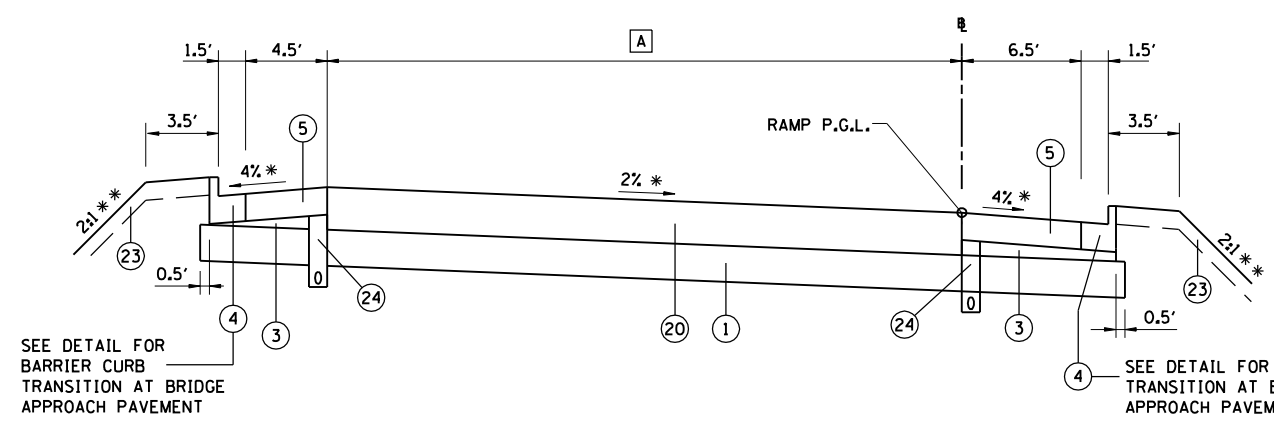
ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS RAMP A -2  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
          HORIZ.      CHECKED BY JAD  
DATE 12/16/2006



12/16/2006  
\$FILES  
LAYOUT CLG 08/05/06  
DRAWN CLG 08/05/06  
REVIEWED JAD/JMW 08/05/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



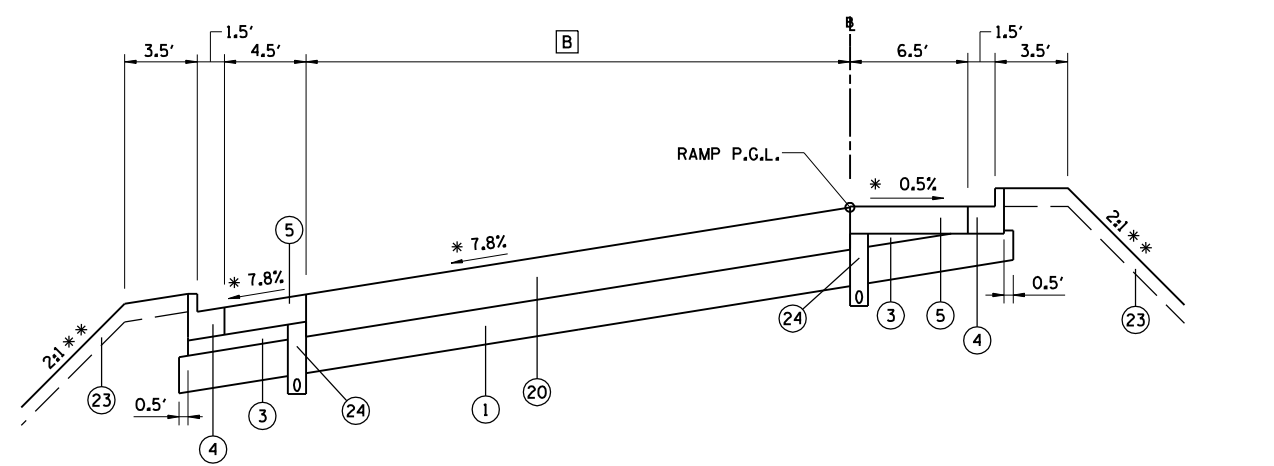
**A** STA 21+93.37 TO STA 22+50.00 = TAPER 36.84' TO 35.00'  
 STA 22+50.00 TO STA 23+48.37 = TAPER 35.00' TO 33.03'  
 STA 27+51.47 TO STA 32+00.00 = TAPER 24.97' TO 16.0'  
 STA 32+00.00 TO STA 32+07.97 = 16.0'

**RAMP B**  
 STA 21+93.37 (INTERSECTION OMISSION) TO STA 23+48.37 (PC)  
 STA 27+51.47 (PT) TO STA 32+07.97 (BEGIN BRIDGE OMISSION)

**NOTE:** SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS, PIPE UNDERDRAINS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION, PIPE UNDERDRAINS & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.

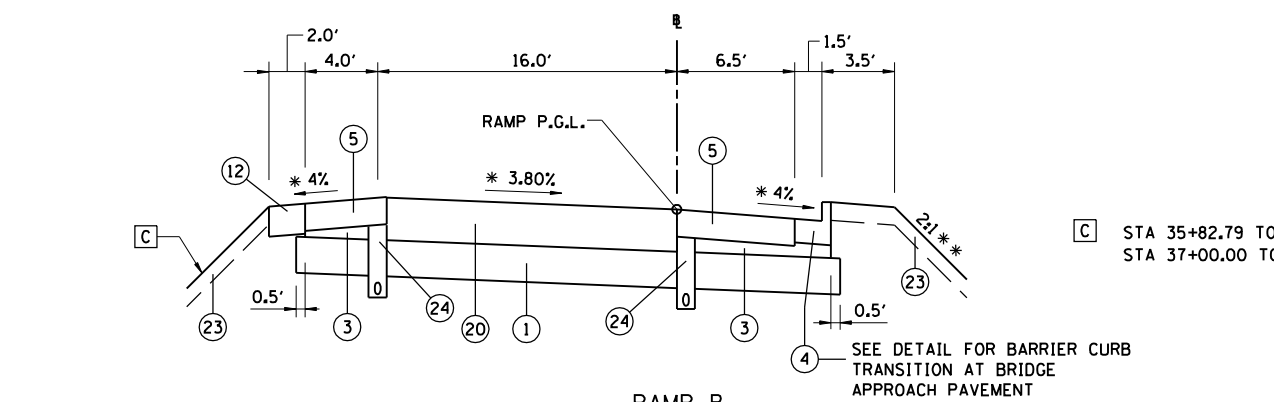
STRUCTURAL DESIGN TRAFFIC	YEAR 2013	
PV = 7647	SU = 242	MU = 161
ROAD/STREET CLASSIFICATION:	CLASS	
TRAFFIC FACTOR:	ACTUAL TF = 2.22	AC TYPE = 20
	MINIMUM TF = 4.74	
DESIGN STRAIN =	65 MICROSTRAIN	
SUBGRADE SUPPORT RATING:	POOR	

\* SEE RAMP SUPERELEVATION TRANSITION DETAILS.  
 \*\* PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE. SEE SHEET "BENCH & DITCH DETAILS" AND STATION CROSS SECTIONS.



**B** STA 23+48.37 TO STA 27+51.47 = TAPER 33.03' TO 24.97'

**RAMP B**  
 STA 23+48.37 (PC) TO STA 27+51.47 (PT)



**C** STA 35+82.79 TO STA 37+00.00 = 6:1  
 STA 37+00.00 TO STA 38+70.0 = SEE RAMP TERMINAL DETAIL & STATION X-SECTIONS

**RAMP B**  
 STA 35+82.79 (END BRIDGE OMISSION) TO STA 38+70.00 (BEGIN PAVED GORE)

**LEGEND**

- ① PROCESSING MODIFIED SOILS 12"
- ② BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑤ BITUMINOUS SHOULDERS SUPERPAVE 9"
- ⑥ BITUMINOUS SHOULDERS SUPERPAVE 13"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑨ CONCRETE MEDIAN SURFACE, 4"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑪ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑫ AGGREGATE SHOULDERS, TYPE B 10"
- ⑬ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- ⑭ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- ⑮ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE A
- ⑰ AGGREGATE SHOULDERS, TYPE B 4"
- ⑱ AGGREGATE BASE COURSE, TYPE A 6"
- ⑲ SAWING PAVEMENT (FULL DEPTH)
- ⑳ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- ㉑ BITUMINOUS CONCRETE SHOULDER REMOVAL
- ㉒ PAVEMENT REMOVAL
- ㉓ TOPSOIL PLACEMENT 6"
- ㉔ PIPE UNDERDRAIN STD 601001
- ㉕ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ㉖ SUBBASE GRANULAR MATERIAL, TYPE A 12"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS RAMP B -1  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

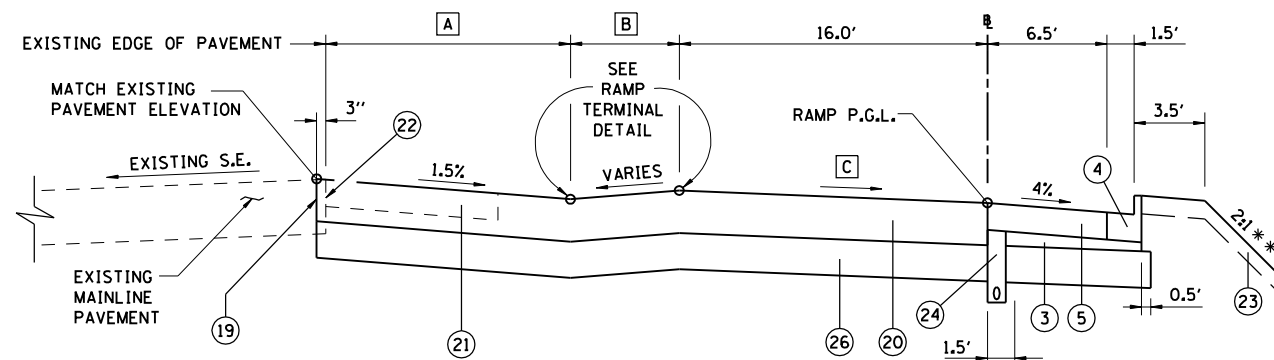
SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 12/16/2006

DRAWN BY: CLG  
 CHECKED BY: JAD



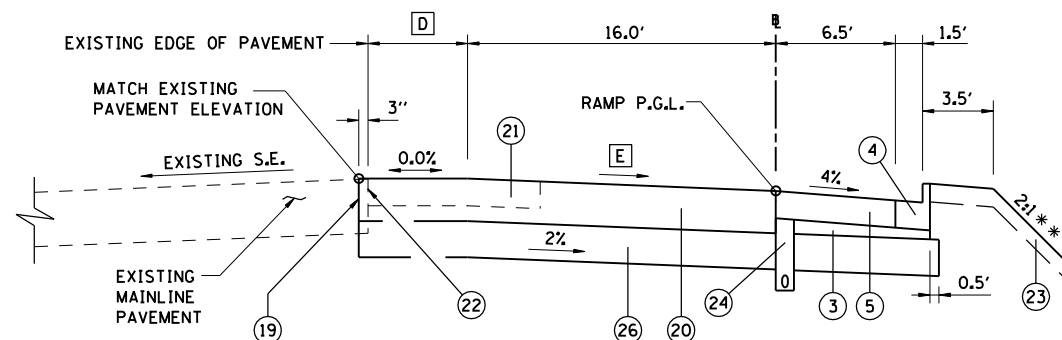
12/16/2006  
 \$FILES  
 LAYOUT: CLG 08/05/06  
 DRAWN: CLG 08/05/06  
 REVIEWED: JAD/JMW 08/05/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



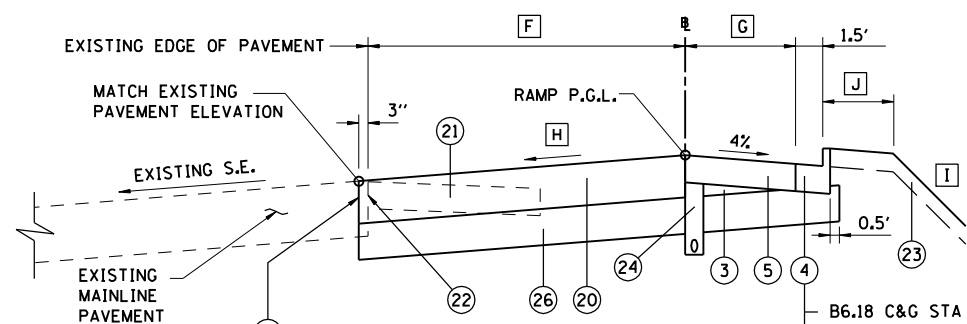
**RAMP B**  
STA 38+70.00 (BEGIN PAVED GORE) TO STA 39+75.00 (END SWALE)

- A** STA 38+70.00 TO STA 39+75.00 = SEE RAMP TERMINAL DETAIL
- B** STA 38+70.00 TO STA 39+75.00 = SEE RAMP TERMINAL DETAIL
- C** STA 38+70.00 TO STA 39+75.00 = SEE RAMP TERMINAL DETAIL



**RAMP B**  
STA 39+75.00 (END SWALE) TO STA 41+91.36

- D** STA 39+75.00 TO STA 41+91.36 = SEE RAMP TERMINAL DETAIL
- E** STA 39+75.00 TO STA 41+91.36 = SEE RAMP TERMINAL DETAIL



**RAMP B**  
STA 41+91.36 TO STA 50+41.36

B6.18 C&G STA 41+91.36 TO STA 42+65.25  
 STA 42+65.25 TO STA 42+73.25  
 TRANSITION B6.18 C&G TO B6.24 C&G  
 STA 42+73.25 TO STA 43+00.00  
 OUTLET TYPE 2 STD 606006, SEE ROADWAY DETAILS SHEET

12 STA 43+00.00 TO STA 43+16.00 TAPER 3' TO 2'  
 STA 43+16.00 TO STA 48+91.36' = 2.0'  
 STA 48+91.36 TO STA 49+91.36 TAPER 2.0' TO 0.0'  
 STA 49+91.36 TO STA 50+41.36 = 0.0'

- F** STA 41+91.36 TO STA 50+41.36 = SEE RAMP TERMINAL DETAIL
- G** STA 41+91.36 TO STA 42+65.25 = 6.50'  
 STA 42+65.25 TO STA 42+73.25 = TAPER 6.50' TO 6.00'  
 STA 42+73.25 TO STA 48+91.36 = 6.00'  
 STA 48+91.36 TO STA 50+41.36 = TAPER 6.00 TO 9.00'
- H** SEE RAMP TERMINAL DETAIL
- I** STA 41+91.36 TO STA 43+00.00 = 2:1 \*\*  
 STA 43+00.00 TO STA 45+00.00 = TRANSITION 2:1 TO 4:1  
 STA 45+00.00 TO STA 50+41.36 = 4:1
- J** STA 41+91.36 TO STA 44+50.00 = 3.5'  
 STA 44+50.00 TO STA 45+00.00 TAPER 3.5' TO 0.0'  
 STA 45+00.00 TO STA 50+41.36 = 0.0'

**LEGEND**

- ① PROCESSING MODIFIED SOILS 12"
- ② BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑤ BITUMINOUS SHOULDERS SUPERPAVE 9"
- ⑥ BITUMINOUS SHOULDERS SUPERPAVE 13"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑨ CONCRETE MEDIAN SURFACE, 4"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑪ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑫ AGGREGATE SHOULDERS, TYPE B 10"
- ⑬ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- ⑭ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- ⑮ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE A
- ⑰ AGGREGATE SHOULDERS, TYPE B 4"
- ⑱ AGGREGATE BASE COURSE, TYPE A 6"
- ⑲ SAWING PAVEMENT (FULL DEPTH)
- ⑳ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- ㉑ BITUMINOUS CONCRETE SHOULDER REMOVAL
- ㉒ PAVEMENT REMOVAL
- ㉓ TOPSOIL PLACEMENT 6"
- ㉔ PIPE UNDERDRAIN STD 601001
- ㉕ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ㉖ SUBBASE GRANULAR MATERIAL, TYPE A 12"

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS, PIPE UNDERDRAINS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION, PIPE UNDERDRAINS & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.

STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 7647	SU = 242 MU = 161
ROAD/STREET CLASSIFICATION:	CLASS
TRAFFIC FACTOR:	ACTUAL TF = 2.22 AC TYPE = 20 MINIMUM TF = 4.74
DESIGN STRAIN =	65 MICROSTRAIN
SUBGRADE SUPPORT RATING:	POOR

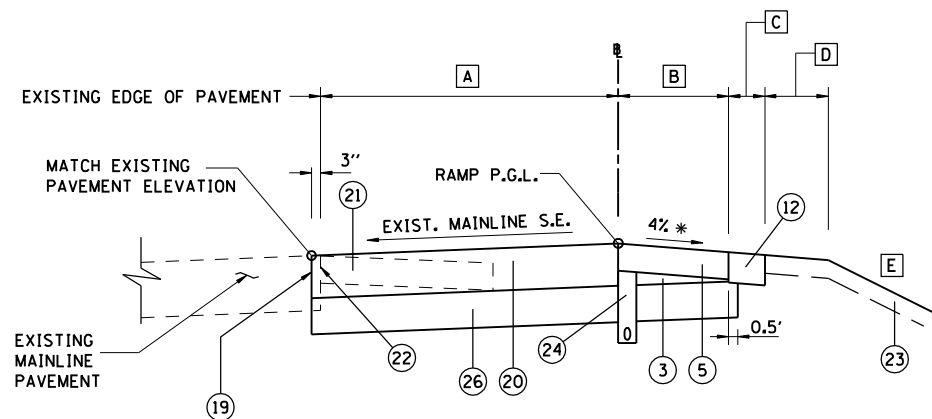
\*\* PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE. SEE SHEET "BENCH & DITCH DETAILS" AND STATION CROSS SECTIONS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS RAMP B -2  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.      CHECKED BY JAD  
 DATE 12/16/2006

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	28
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



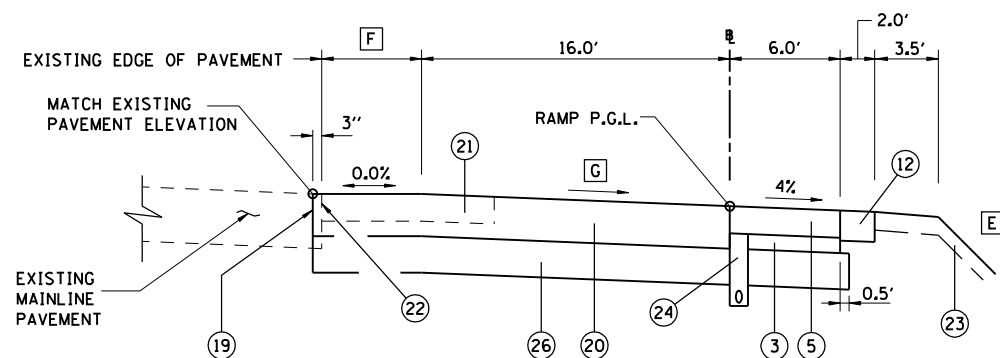
RAMP C  
STA 30+00.00 (BEGIN RAMP) TO STA 34+10.00

\* ADJUST TO MAINTAIN MAXIMUM BREAKOVER = 8%

- A STA 30+00.00 TO STA 34+10.00 = SEE RAMP TERMINAL DETAIL
- B STA 30+00.00 TO STA 30+76.88 = TAPER 9.00' TO 6.00'  
STA 30+76.88 TO STA 34+10.00 = 6.00'
- C STA 30+00.00 TO STA 30+25.63 = 0.00'  
STA 30+25.63 TO STA 30+76.88 = TAPER 0.00' TO 2.00'  
STA 30+76.88 TO STA 34+10.00 = 2.00'
- D STA 30+00.00 TO STA 31+00.00 = 0.0'  
STA 31+00.00 TO STA 31+25.00 = TAPER 0.00 TO 3.50'  
STA 31+25.00 TO STA 34+10.00 = 3.50'

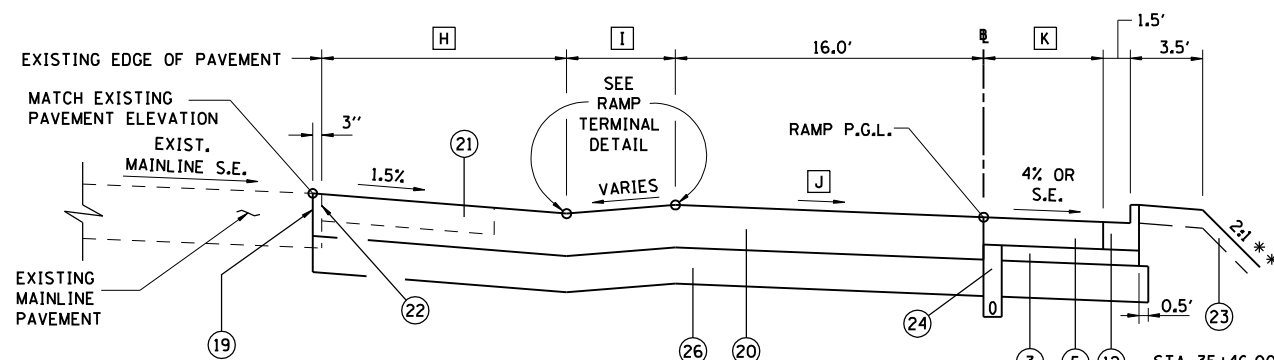
LEGEND

- ① PROCESSING MODIFIED SOILS 12"
- ② BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑤ BITUMINOUS SHOULDERS SUPERPAVE 9"
- ⑥ BITUMINOUS SHOULDERS SUPERPAVE 13"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑨ CONCRETE MEDIAN SURFACE, 4"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑪ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑫ AGGREGATE SHOULDERS, TYPE B 10"
- ⑬ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- ⑭ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- ⑮ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE A
- ⑰ AGGREGATE SHOULDERS, TYPE B 4"
- ⑱ AGGREGATE BASE COURSE, TYPE A 6"
- ⑲ SAWING PAVEMENT (FULL DEPTH)
- ⑳ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- ㉑ BITUMINOUS CONCRETE SHOULDER REMOVAL
- ㉒ PAVEMENT REMOVAL
- ㉓ TOPSOIL PLACEMENT 6"
- ㉔ PIPE UNDERDRAIN STD 601001
- ㉕ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ㉖ SUBBASE GRANULAR MATERIAL, TYPE A 12"



RAMP C  
STA 34+10.00 TO STA 35+46.00 (BEGIN SWALE)

- E STA 30+00.00 TO STA 33+00.00 = 4:1  
STA 33+00.00 TO STA 35+46.00 TRANSITION 4:1 TO 2:1
- F STA 34+10.00 TO STA 35+46.00 = SEE RAMP TERMINAL DETAIL
- G STA 34+10.00 TO STA 35+46.00 = SEE RAMP TERMINAL DETAIL



RAMP C  
STA 35+46.00 (BEGIN SWALE) TO STA 39+00.00 (GORE NOSE)

\*\* STEEPENED SLOPE WITH BIAXIAL GEOGRID REINFORCEMENT BEGINS AT STA 38+50, SEE DETAIL & STATION CROSS SECTIONS

- H STA 35+46.00 TO STA 39+00.00 = SEE RAMP TERMINAL DETAIL
- I STA 35+46.00 TO STA 39+00.00 = SEE RAMP TERMINAL DETAIL
- J STA 35+46.00 TO STA 39+00.00 = SEE RAMP TERMINAL DETAIL
- K STA 35+46.00 TO STA 35+76.79 = 6.00'  
STA 35+76.79 TO STA 35+84.79 = TAPER 6.00' TO 6.5'  
STA 35+84.79 TO STA 39+00.00 = 6.5'

STRUCTURAL DESIGN TRAFFIC		YEAR 2013
PV = 7647	SU = 242	MU = 161
ROAD/STREET CLASSIFICATION:		CLASS
TRAFFIC FACTOR:	ACTUAL TF = 2.22	AC TYPE = 20
	MINIMUM TF = 4.74	
DESIGN STRAIN = 65 MICROSTRAIN		
SUBGRADE SUPPORT RATING: POOR		

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS, PIPE UNDERDRAINS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION, PIPE UNDERDRAINS & PAVING WILL BE BY OTHERS. WIDEN EMBANKMENT ON RAMP C FROM STA 50+09.38 TO STA 52+19.38 AS SHOWN ON STATION CROSS SECTIONS, EMBANKMENT WIDENING PLANS & EMBANKMENT TYPICAL SECTIONS SHEET.

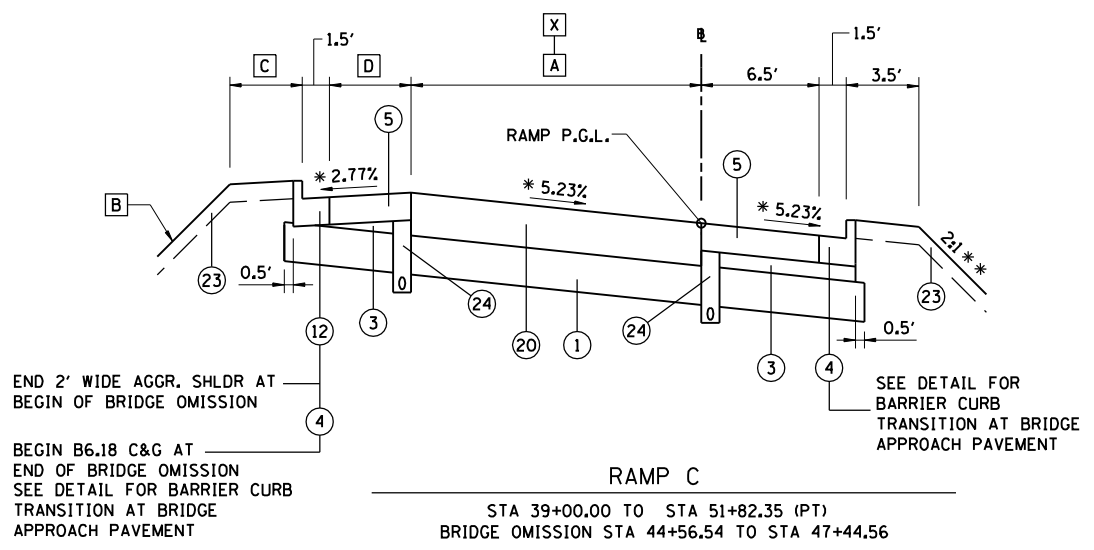
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS RAMP C -1  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ.  
DATE: 12/16/2006  
DRAWN BY: CLG  
CHECKED BY: JAD

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

X FROM STA 50+00 TO 52+10 SEE EMBANKMENT WIDENING PLANS & EMBANKMENT TYPICAL SECTIONS FOR LOCATION OF FUTURE FACE OF CURB.

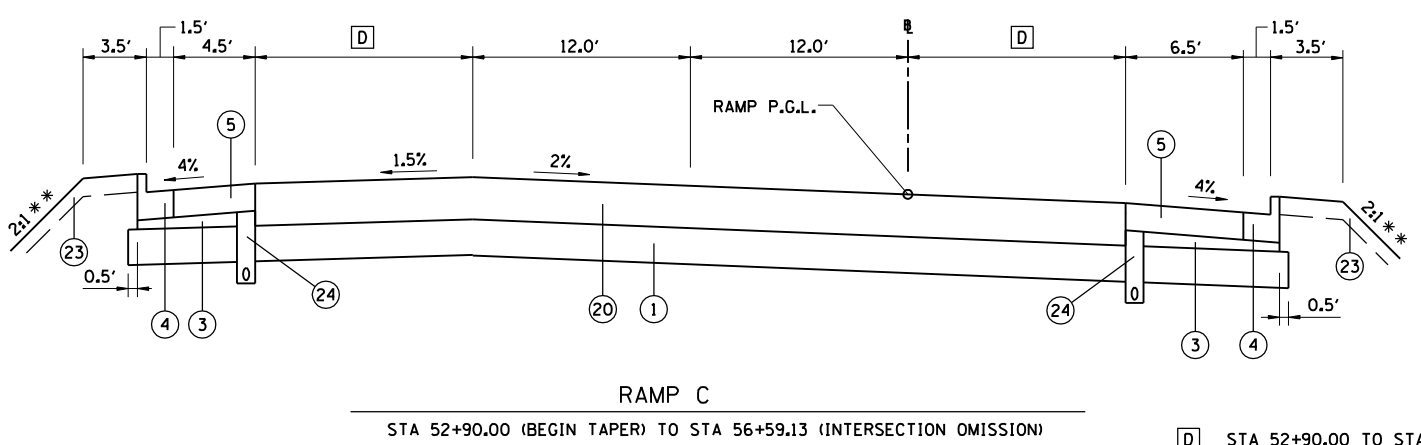
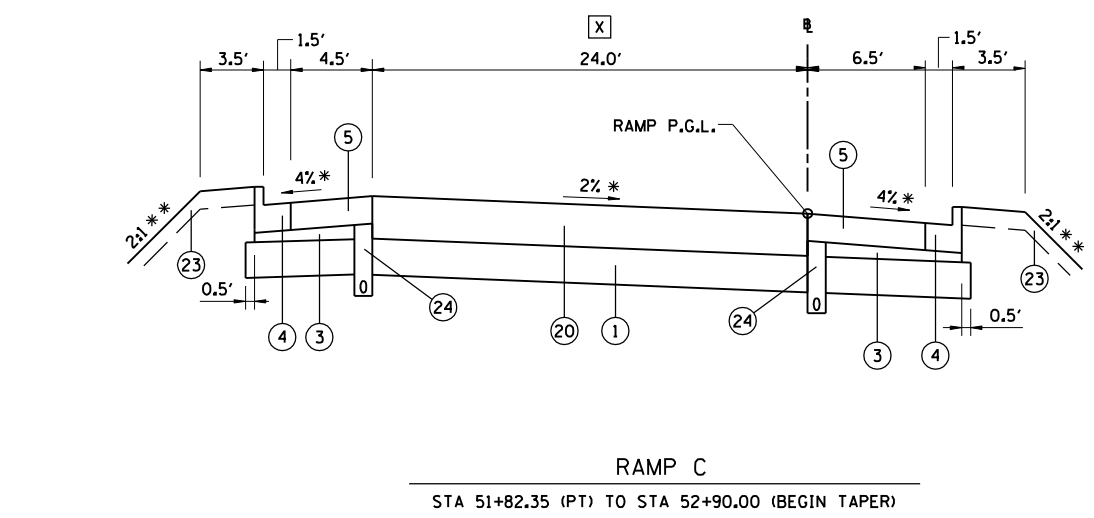


- A STA 39+00.00 TO STA 47+70.00 = 16.00'  
STA 47+70.00 TO STA 50+50.00 = TAPER 16.00' TO 24.00'  
STA 50+50.00 TO STA 51+82.35 = 24.0'
- B STA 39+00.00 TO STA 44+85.98 = 6:1  
STA 47+15.09 TO STA 51+82.35 = 2:1 \*\*
- C STA 39+00.00 TO STA 47+44.56 = 0.00'  
STA 47+44.56 TO STA 47+50.00 = TAPER 0' TO 3.50'  
STA 47+50.00 TO STA 51+82.35 = 3.50'
- D STA 39+00.00 TO STA 44+56.54 = 4.00'  
STA 47+44.56 TO STA 51+82.35 = 4.50'

STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 7647	SU = 242 MU = 161
ROAD/STREET CLASSIFICATION:	CLASS
TRAFFIC FACTOR:	ACTUAL TF = 2.22 AC TYPE = 20 MINIMUM TF = 4.74
DESIGN STRAIN =	65 MICROSTRAIN
SUBGRADE SUPPORT RATING:	POOR

\* SEE RAMP SUPERELEVATION TRANSITION DETAILS.

\*\* STEEPENED SLOPE WITH GEOSYNTHETIC REINFORCEMENT  
STA 38+50 TO STA 42+50 SEE DETAIL & STATION CROSS SECTIONS.  
PROVIDE BENCH WITH DITCH IN UNREINFORCED 2:1 FORESLOPE.  
SEE SHEET "BENCH & DITCH DETAILS" AND STATION CROSS SECTIONS.



- D STA 52+90.00 TO STA 55+00.00 = TAPER 0.0' TO 12.0'  
STA 55+00.00 TO STA 56+59.13 = 12.00'

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS, PIPE UNDERDRAINS AND MEDIAN SHOWN FOR INFORMATION ONLY.  
SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION, PIPE UNDERDRAINS & PAVING WILL BE BY OTHERS.  
WIDEN EMBANKMENT ON RAMP C FROM STA 50+09.38 TO STA 52+19.38 AS SHOWN ON STATION CROSS SECTIONS, EMBANKMENT WIDENING PLANS & EMBANKMENT TYPICAL SECTIONS SHEET.

- LEGEND
- 1 PROCESSING MODIFIED SOILS 12"
  - 2 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
  - 3 SUBBASE GRANULAR MATERIAL, TYPE C
  - 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
  - 5 BITUMINOUS SHOULDERS SUPERPAVE 9"
  - 6 BITUMINOUS SHOULDERS SUPERPAVE 13"
  - 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - 8 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - 9 CONCRETE MEDIAN SURFACE, 4"
  - 10 SUBBASE GRANULAR MATERIAL, TYPE C 4"
  - 11 PORTLAND CEMENT CONCRETE SIDEWALK 4"
  - 12 AGGREGATE SHOULDERS, TYPE B 10"
  - 13 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
  - 14 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
  - 15 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
  - 16 SUBBASE GRANULAR MATERIAL, TYPE A
  - 17 AGGREGATE SHOULDERS, TYPE B 4"
  - 18 AGGREGATE BASE COURSE, TYPE A 6"
  - 19 SAWING PAVEMENT (FULL DEPTH)
  - 20 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
  - 21 BITUMINOUS CONCRETE SHOULDER REMOVAL
  - 22 PAVEMENT REMOVAL
  - 23 TOPSOIL PLACEMENT 6"
  - 24 PIPE UNDERDRAIN STD 601001
  - 25 CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
  - 26 SUBBASE GRANULAR MATERIAL, TYPE A 12"

REVISIONS	
NAME	DATE

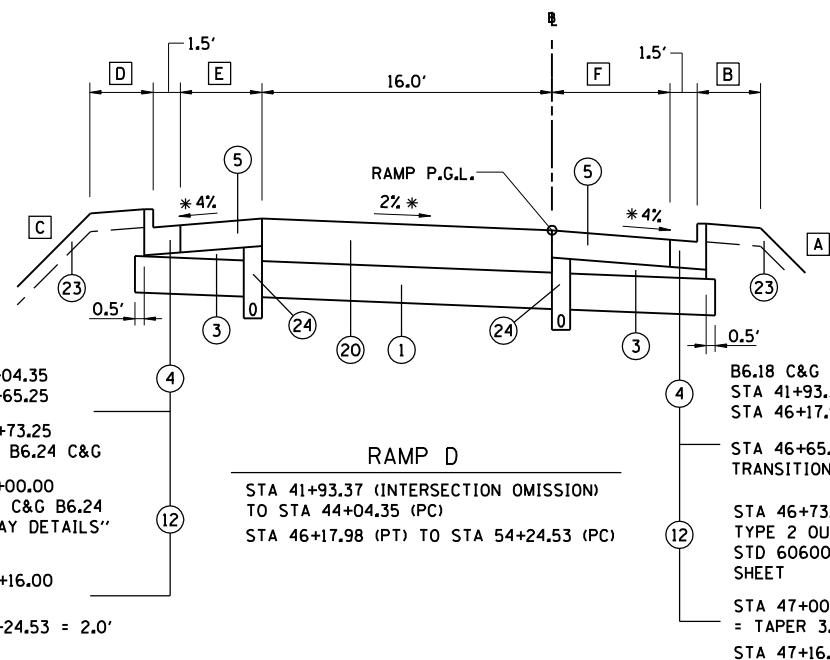
ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS RAMP C -2  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
          HORIZ.      CHECKED BY JAD  
DATE 12/16/2006



12/16/2006	CLG	08/05/06
\$FILES	CLG	08/05/06
LAYOUT	JAD/JMW	08/05/06
DRAWN		
REVIEWED		

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



B6.18 C&G  
 STA 41+93.37 TO STA 44+04.35  
 STA 46+17.98 TO STA 46+65.25

STA 46+65.25 TO STA 46+73.25  
 TRANSITION B6.18 C&G TO B6.24 C&G

STA 46+73.25 TO STA 47+00.00  
 TYPE 2 OUTLET FOR CONC C&G B6.24  
 STD 606006, SEE "ROADWAY DETAILS"  
 SHEET

STA 47+00.00 TO STA 47+16.00  
 = TAPER 3.0' TO 2.0'

STA 47+16.00 TO STA 54+24.53 = 2.0'

B6.18 C&G  
 STA 41+93.37 TO STA 44+04.35  
 STA 46+17.98 TO STA 46+65.25

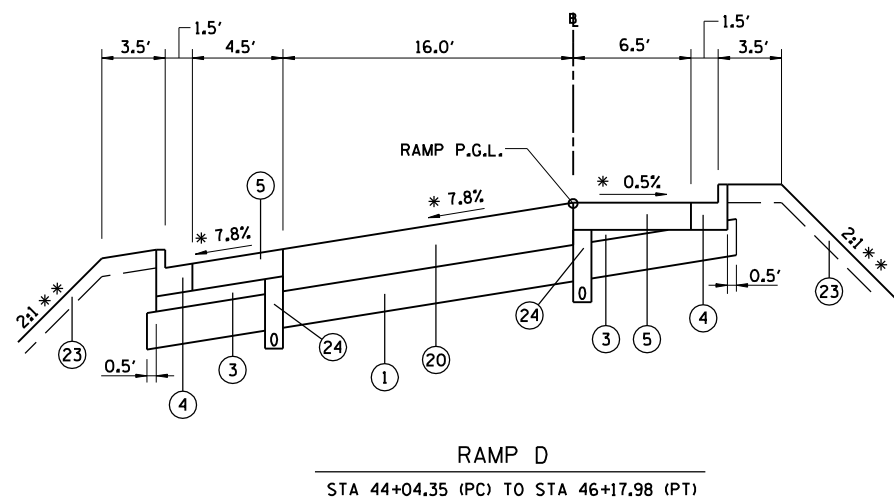
STA 46+65.25 TO STA 46+73.25  
 TRANSITION B6.18 C&G TO B6.24 C&G

STA 46+73.25 TO STA 47+00.00  
 TYPE 2 OUTLET FOR CONC C&G B6.24  
 STD 606006, SEE "ROADWAY DETAILS"  
 SHEET

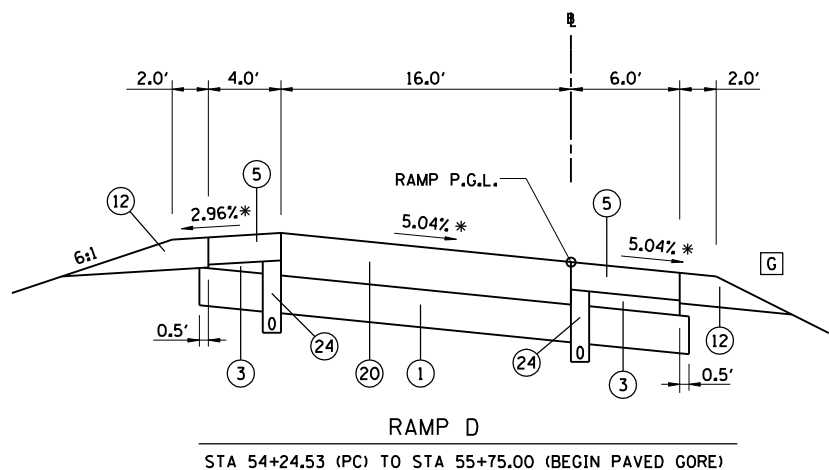
STA 47+00.00 TO STA 47+16.00  
 = TAPER 3.0' TO 2.0'

STA 47+16.00 TO STA 54+24.53 = 2.0'

RAMP D  
 STA 41+93.37 (INTERSECTION OMISSION)  
 TO STA 44+04.35 (PC)  
 STA 46+17.98 (PT) TO STA 54+24.53 (PC)



RAMP D  
 STA 44+04.35 (PC) TO STA 46+17.98 (PT)



RAMP D  
 STA 54+24.53 (PC) TO STA 55+75.00 (BEGIN PAVED GORE)

- A STA 41+93.37 TO STA 44+04.35 = 2:1 \*\*  
 STA 46+17.98 TO STA 47+00.00 = 2:1 \*\*  
 STA 47+00.00 TO STA 49+00.00 = 2:1 TO 4:1  
 STA 49+00.00 TO STA 54+24.53 = 4:1
- B STA 41+93.37 TO STA 44+04.35 = 3.50'  
 STA 46+17.98 TO STA 49+00.00 = 3.50'  
 STA 49+00.00 TO STA 49+50.00 TAPER 3.5' TO 0'  
 STA 49+50.00 TO STA 54+24.53 = 0.0'
- C STA 41+93.37 TO STA 44+04.35 = 2:1 \*\*  
 STA 46+17.18 TO STA 47+00.00 = 2:1 \*\*  
 STA 47+00.00 TO STA 49+00.00 = 2:1 TO 4:1  
 STA 49+00.00 TO STA 52+50.00 = 4:1  
 STA 52+50.00 TO STA 53+50.00 = TRANSITION 4:1 TO 6:1  
 STA 53+50.00 TO STA 54+24.53 = 6:1
- D STA 41+93.37 TO STA 44+04.35 = 3.50'  
 STA 46+17.98 TO STA 49+00.00 = 3.50'  
 STA 49+00.00 TO STA 49+50.00 = TAPER 3.5' TO 0'  
 STA 49+50.00 TO STA 54+24.53 = 0.00
- E STA 41+93.37 TO STA 44+04.35 = 4.50'  
 STA 46+17.98 TO STA 46+65.25 = 4.50'  
 STA 46+65.25 TO STA 46+73.25 = TAPER 4.5' TO 4.0'  
 STA 46+73.25 TO STA 54+24.53 = 4.00
- F STA 41+93.37 TO STA 44+04.35 = 6.50'  
 STA 46+17.98 TO STA 46+65.25 = 6.50'  
 STA 46+65.25 TO STA 46+73.25 TAPER 6.5' TO 6.0'  
 STA 46+73.25 TO STA 54+24.53 = 6.00

STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 7647	SU = 242 MU = 161
ROAD/STREET CLASSIFICATION:	CLASS
TRAFFIC FACTOR:	ACTUAL TF = 2.22 AC TYPE = 20 MINIMUM TF = 4.74
DESIGN STRAIN =	65 MICROSTRAIN
SUBGRADE SUPPORT RATING:	POOR

\* SEE RAMP SUPERELEVATION TRANSITION DETAILS.  
 \*\* PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE.  
 SEE SHEET "BENCH & DITCH DETAILS" AND STATION CROSS SECTIONS.

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.

LEGEND

- 1 PROCESSING MODIFIED SOILS 12"
- 2 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- 3 SUBBASE GRANULAR MATERIAL, TYPE C
- 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 5 BITUMINOUS SHOULDERS SUPERPAVE 9"
- 6 BITUMINOUS SHOULDERS SUPERPAVE 13"
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 8 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 9 CONCRETE MEDIAN SURFACE, 4"
- 10 SUBBASE GRANULAR MATERIAL, TYPE C 4"
- 11 PORTLAND CEMENT CONCRETE SIDEWALK 4"
- 12 AGGREGATE SHOULDERS, TYPE B 10"
- 13 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- 14 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- 15 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- 16 SUBBASE GRANULAR MATERIAL, TYPE A
- 17 AGGREGATE SHOULDERS, TYPE B 4"
- 18 AGGREGATE BASE COURSE, TYPE A 6"
- 19 SAWING PAVEMENT (FULL DEPTH)
- 20 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- 21 BITUMINOUS CONCRETE SHOULDER REMOVAL
- 22 PAVEMENT REMOVAL
- 23 TOPSOIL PLACEMENT 6"
- 24 PIPE UNDERDRAIN STD 601001
- 25 CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- 26 SUBBASE GRANULAR MATERIAL, TYPE A 12"

- G STA 54+24.53 TO STA 54+75 = 4:1  
 STA 54+75 TO STA 55+75 TRANSITION 4:1 TO 6:1

REVISIONS	
NAME	DATE

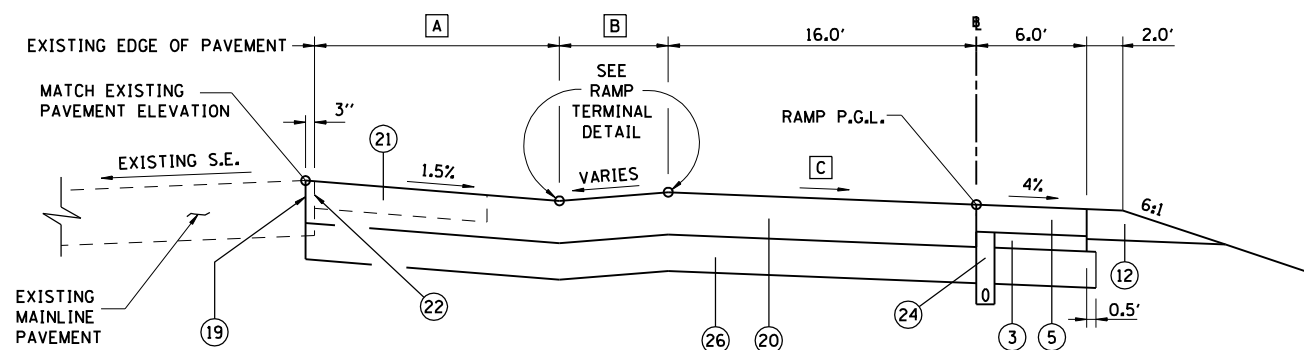
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS RAMP D -1  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 12/16/2006  
 DRAWN BY CLG  
 CHECKED BY JAD



LAYOUT	CLG	08/05/06
DRAWN	CLG	08/05/06
REVIEWED	JAD/JMW	08/05/06

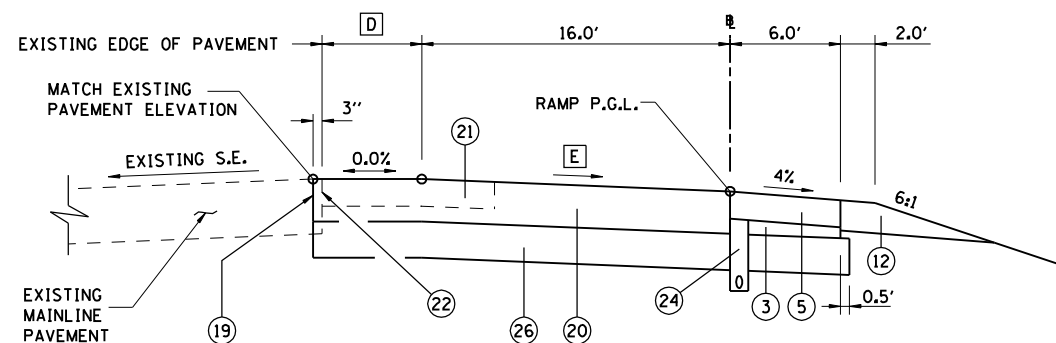
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	31
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



RAMP D

STA 55+75.00 (BEGIN PAVED GORE) TO STA 57+25.00

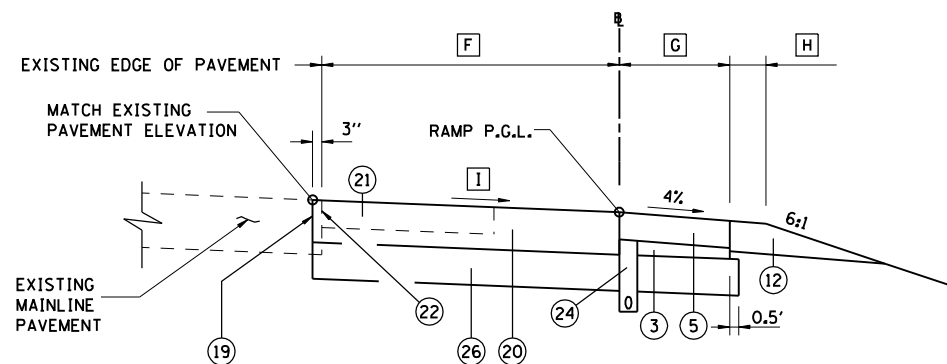
- A STA 55+75.00 TO STA 57+25.00 = SEE RAMP TERMINAL DETAIL
- B STA 55+75.00 TO STA 57+25.00 = SEE RAMP TERMINAL DETAIL
- C STA 55+75.00 TO STA 57+25.00 = SEE RAMP TERMINAL DETAIL



RAMP D

STA 57+25.00 TO STA 59+01.59

- D STA 57+25.50 TO STA 59+01.59 = SEE RAMP TERMINAL DETAIL
- E STA 57+25.00 TO STA 59+01.59 = SEE RAMP TERMINAL DETAIL



RAMP D

STA 59+01.59 TO STA 67+51.59

- F STA 59+01.59 TO STA 67+51.59 = SEE RAMP TERMINAL DETAIL
- G STA 59+01.59 TO STA 66+01.59 = 6.00'  
STA 66+01.59 TO STA 67+51.59 = TAPER 6.00' TO 9.00'
- H STA 59+01.59 TO STA 66+01.59 = 2.00'  
STA 66+01.59 TO STA 67+01.59 = TAPER 2.00' TO 0.00'  
STA 67+01.59 TO STA 67+51.59 = 0.00'
- I SEE RAMP TERMINAL DETAIL

LEGEND

- 1 PROCESSING MODIFIED SOILS 12"
- 2 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- 3 SUBBASE GRANULAR MATERIAL, TYPE C
- 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 5 BITUMINOUS SHOULDERS SUPERPAVE 9"
- 6 BITUMINOUS SHOULDERS SUPERPAVE 13"
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 8 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 9 CONCRETE MEDIAN SURFACE, 4"
- 10 SUBBASE GRANULAR MATERIAL, TYPE C 4"
- 11 PORTLAND CEMENT CONCRETE SIDEWALK 4"
- 12 AGGREGATE SHOULDERS, TYPE B 10"
- 13 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- 14 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- 15 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- 16 SUBBASE GRANULAR MATERIAL, TYPE A
- 17 AGGREGATE SHOULDERS, TYPE B 4"
- 18 AGGREGATE BASE COURSE, TYPE A 6"
- 19 SAWING PAVEMENT (FULL DEPTH)
- 20 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- 21 BITUMINOUS CONCRETE SHOULDER REMOVAL
- 22 PAVEMENT REMOVAL
- 23 TOPSOIL PLACEMENT 6"
- 24 PIPE UNDERDRAIN STD 601001
- 25 CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- 26 SUBBASE GRANULAR MATERIAL, TYPE A 12"

STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 7647	SU = 242 MU = 161
ROAD/STREET CLASSIFICATION:	CLASS
TRAFFIC FACTOR:	ACTUAL TF = 2.22 AC TYPE = 20 MINIMUM TF = 4.74
DESIGN STRAIN =	65 MICROSTRAIN
SUBGRADE SUPPORT RATING:	POOR

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.

REVISIONS	
NAME	DATE

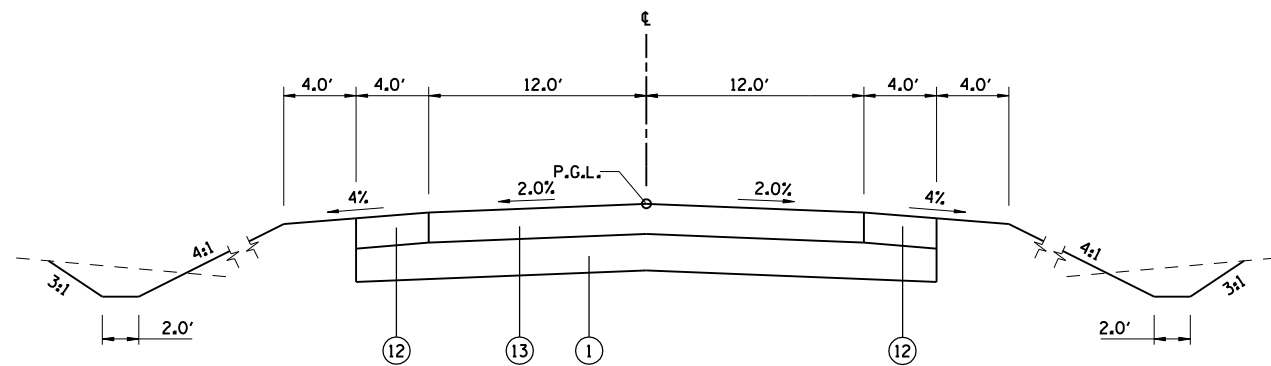
ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS RAMP D -2  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 12/16/2006  
DRAWN BY CLG  
CHECKED BY JAD



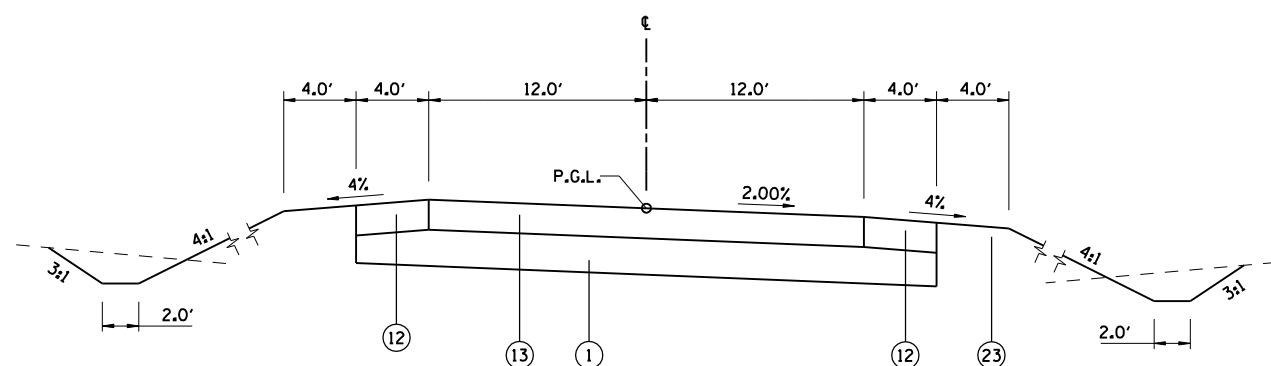
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS, PIPE UNDERDRAINS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION, PIPE UNDERDRAINS & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.



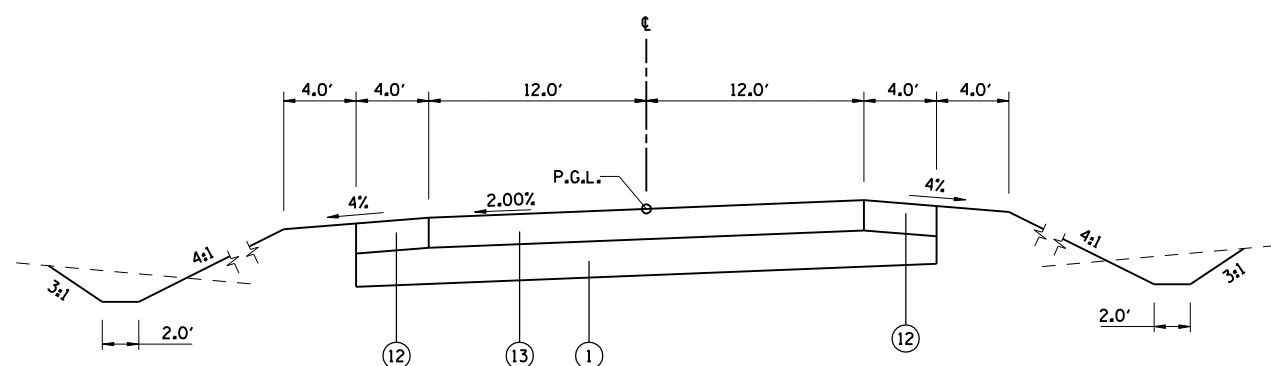
RECREATION DRIVE

STA. 101+90.57 (END INTERSECTION OMISSION) TO STA 102+51.41 (PC)  
STA 106+56.30 (PT) TO STA 123+17.42 (PC)



RECREATION DRIVE

STA. 102+51.41 (PC) TO STA 106+56.30 (PT)  
SE TRANSITION : STA 102+07.00 TO STA 102+73.00  
STA 106+34.00 TO STA 107+00.00

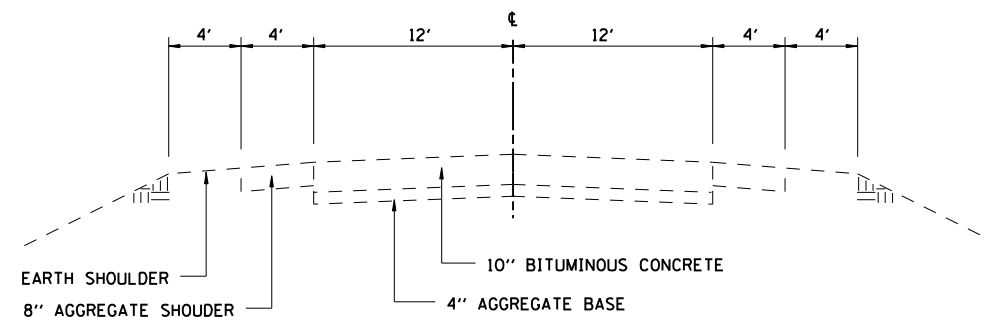


RECREATION DRIVE

STA 123+17.42 (PC) TO STA 127+25.00 (END CONSTRUCTION)  
SE TRANSITION: STA 122+73.00 TO STA 123+38.00  
TRANSITION TO EXISTING SUPERELEVATION  
STA 127+00.00 TO STA 127+25.00

LEGEND

- ① PROCESSING MODIFIED SOILS 12"
- ② BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑤ BITUMINOUS SHOULDERS SUPERPAVE 9"
- ⑥ BITUMINOUS SHOULDERS SUPERPAVE 13"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑨ CONCRETE MEDIAN SURFACE, 4"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑪ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑫ AGGREGATE SHOULDERS, TYPE B 10"
- ⑬ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- ⑭ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- ⑮ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE A
- ⑰ AGGREGATE SHOULDERS, TYPE B 4"
- ⑱ AGGREGATE BASE COURSE, TYPE A 6"
- ⑲ SAWING PAVEMENT (FULL DEPTH)
- ⑳ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- ㉑ BITUMINOUS CONCRETE SHOULDER REMOVAL
- ㉒ PAVEMENT REMOVAL
- ㉓ TOPSOIL PLACEMENT 6"
- ㉔ PIPE UNDERDRAIN STD 601001
- ㉕ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ㉖ SUBBASE GRANULAR MATERIAL, TYPE A 12"



EXISTING RECREATION DRIVE PAVEMENT

STRUCTURAL DESIGN TRAFFIC YEAR 2013  
PV = 2375 SU = 75 MU = 50  
ROAD/STREET CLASSIFICATION: CLASS II  
TRAFFIC FACTOR: ACTUAL TF = 0.28 AC TYPE = 20  
MINIMUM TF = N/A  
DESIGN STRAIN = 210 MICROSTRAIN  
SUBGRADE SUPPORT RATING: POOR

REVISIONS	
NAME	DATE

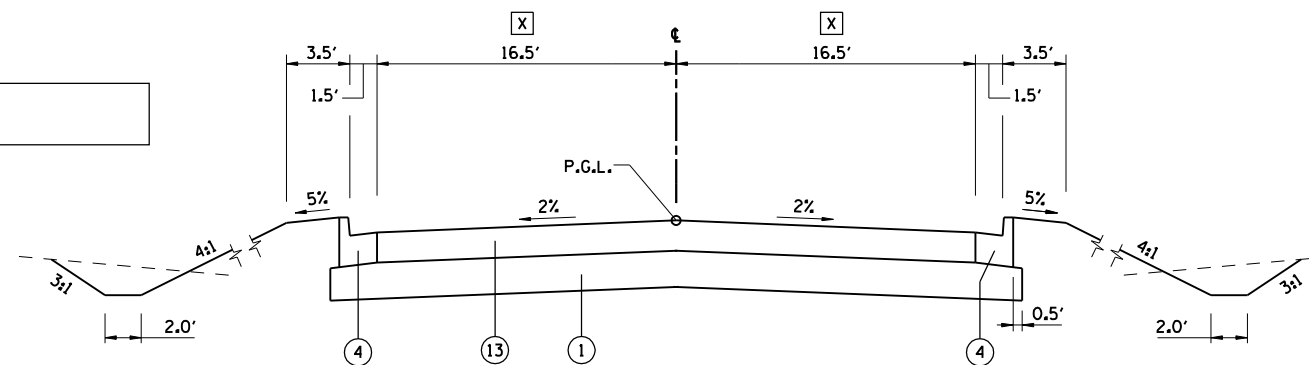
ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS RECREATION DRIVE  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ.  
DATE: 12/16/2006  
DRAWN BY: CLG  
CHECKED BY: JAD

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS, PIPE UNDERDRAINS AND MEDIAN SHOWN FOR INFORMATION ONLY.  
 SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE.  
 TRIMMING THE TOP 3", SOIL MODIFICATION, PIPE UNDERDRAINS & PAVING WILL BE BY OTHERS.  
 SEE EMBANKMENT TYPICAL SECTIONS SHEET.

X SEE EMBANKMENT TYPICAL SECTIONS AND INTERSECTION DETAIL SHEETS FOR LOCATION OF FUTURE FACE OF CURB.



LINCOLNSHIRE BOULEVARD

STA 181+65.87 (INTERSECTION OMISSION) TO STA 182+50.82 (INTERSECTION OMISSION)

LEGEND

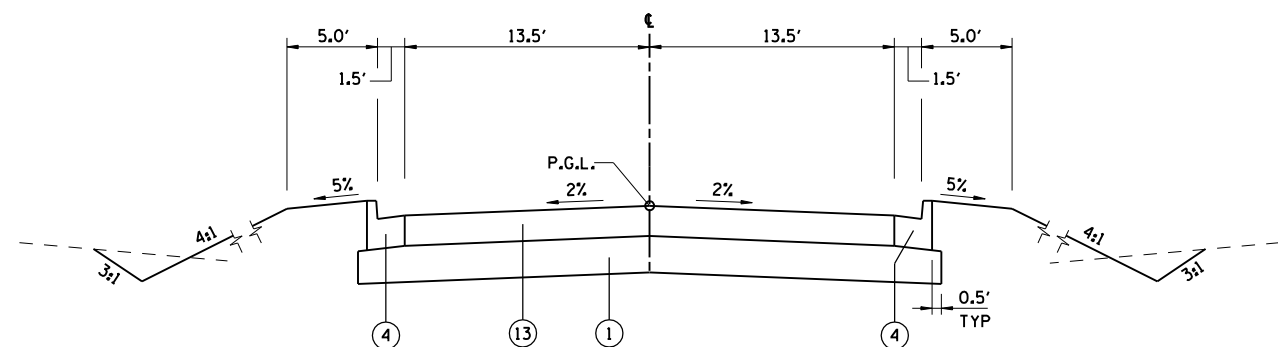
- ① PROCESSING MODIFIED SOILS 12"
- ② BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
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- ⑥ BITUMINOUS SHOULDERS SUPERPAVE 13"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑨ CONCRETE MEDIAN SURFACE, 4"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑪ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑫ AGGREGATE SHOULDERS, TYPE B 10"
- ⑬ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- ⑭ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- ⑮ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE A
- ⑰ AGGREGATE SHOULDERS, TYPE B 4"
- ⑱ AGGREGATE BASE COURSE, TYPE A 6"
- ⑲ SAWING PAVEMENT (FULL DEPTH)
- ⑳ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- ㉑ BITUMINOUS CONCRETE SHOULDER REMOVAL
- ㉒ PAVEMENT REMOVAL
- ㉓ TOPSOIL PLACEMENT 6"
- ㉔ PIPE UNDERDRAIN STD 601001
- ㉕ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ㉖ SUBBASE GRANULAR MATERIAL, TYPE A 12"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS LINCOLNSHIRE BLVD  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

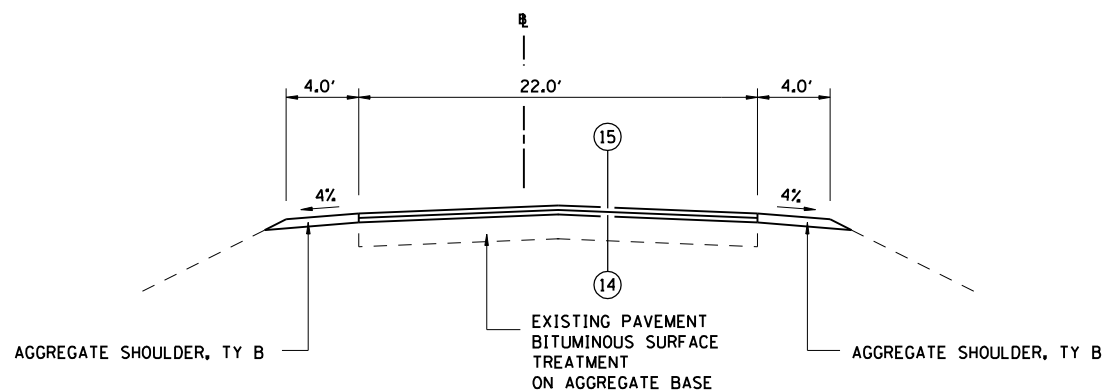
SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JAD  
 DATE 12/16/2006

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	34
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

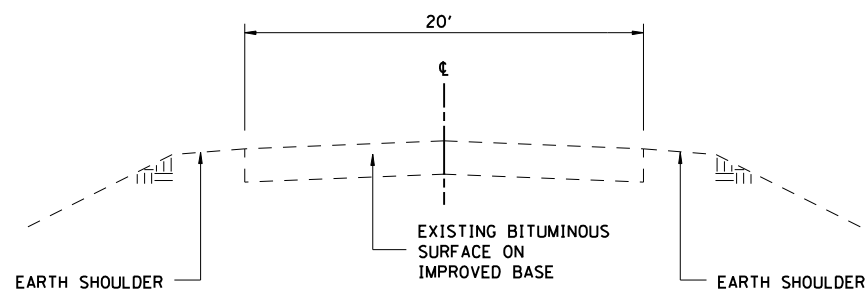


**CENTRE STREET**  
STA 10+75.50 TO STA 12+61.03

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS, PIPE UNDERDRAINS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION, PIPE UNDERDRAINS & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.



**WEST GRAND AVENUE**  
STA 514+00.00 TO STA 523+48.99



**EXISTING HAZEL DELL ROAD**

**LEGEND**

- ① PROCESSING MODIFIED SOILS 12"
- ② BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑤ BITUMINOUS SHOULDERS SUPERPAVE 9"
- ⑥ BITUMINOUS SHOULDERS SUPERPAVE 13"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑨ CONCRETE MEDIAN SURFACE, 4"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑪ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑫ AGGREGATE SHOULDERS, TYPE B 10"
- ⑬ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- ⑭ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- ⑮ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE A
- ⑰ AGGREGATE SHOULDERS, TYPE B 4"
- ⑱ AGGREGATE BASE COURSE, TYPE A 6"
- ⑲ SAWING PAVEMENT (FULL DEPTH)
- ⑳ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- ㉑ BITUMINOUS CONCRETE SHOULDER REMOVAL
- ㉒ PAVEMENT REMOVAL
- ㉓ TOPSOIL PLACEMENT 6"
- ㉔ PIPE UNDERDRAIN STD 601001
- ㉕ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ㉖ SUBBASE GRANULAR MATERIAL, TYPE A 12"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS CENTRE ST  
WEST GRAND AVE & HAZEL DELL RD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

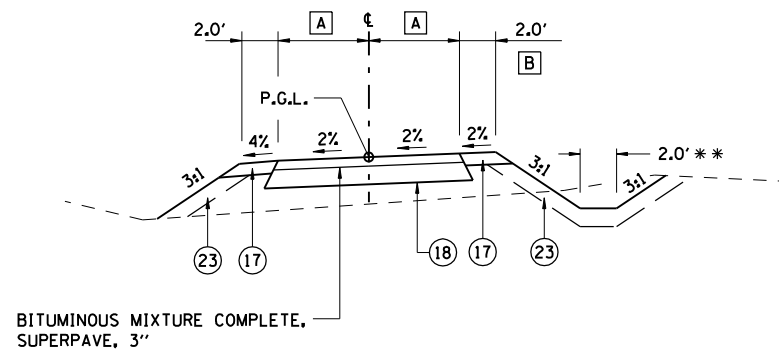
SCALE: VERT.      DRAWN BY CLG  
          HORIZ.      CHECKED BY JAD  
DATE 12/16/2006



LAYOUT	CLG	08/05/06
DRAWN	CLG	08/05/06
REVIEWED	JAD/JMW	08/05/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
184-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

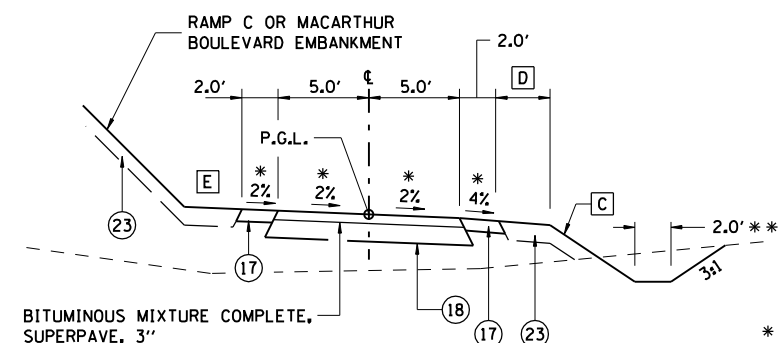
- A** STA 10+53.40 TO STA 10+86.50 = 4.0'  
STA 10+86.50 TO STA 11+31.27 =  
TRANSITION 4.0' TO 5.0'  
STA 11+31.27 TO STA 14+47.18 = 5.0'
- B** OMIT AGGREGATE SHOULDERS AT PIER  
STA 10+47 TO STA 10+61



INTERURBAN TRAIL SECTION

STA 10+53.40 TO STA 14+47.18

- C** STA 14+47.18 TO STA 18+00.00 = 3:1  
STA 18+00.00 TO STA 19+00.00 =  
TRANSITION 3:1 TO 2:1  
STA 19+00.00 TO STA 32+00.00 = 2:1  
PROVIDE BENCH WITH DITCH  
STA 32+00.00 TO STA 34+04.77 =  
TRANSITION 2:1 TO 3:1

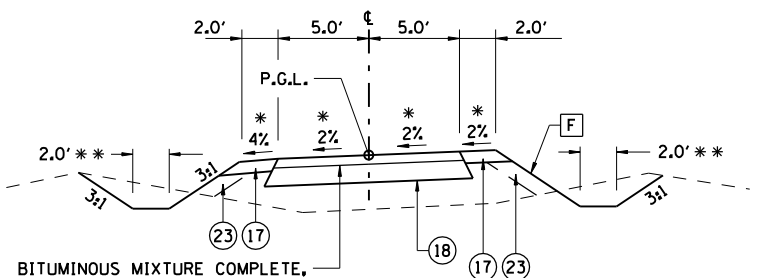


INTERURBAN TRAIL SECTION

STA 14+47.18 TO STA 34+04.77  
BRIDGE OMISSION STA 24+73.00 TO STA 27+32.00

- D** STA 14+47.18 TO STA 18+00.00 = 0  
STA 18+00.00 TO STA 19+00.00 =  
TRANSITION 0' TO 3'  
STA 19+00.00 TO STA 32+00.00 = 3'  
STA 32+00.00 TO STA 34+04.77 =  
TRANSITION 3' TO 0'

- E** STA 14+47.18 TO STA 14+60.00 =  
TRANSITION 3:1 TO 2%  
STA 14+60.00 TO STA 32+65.00 = 2%  
STA 32+65.00 TO STA 34+04.77 =  
TRANSITION 2% TO 3:1

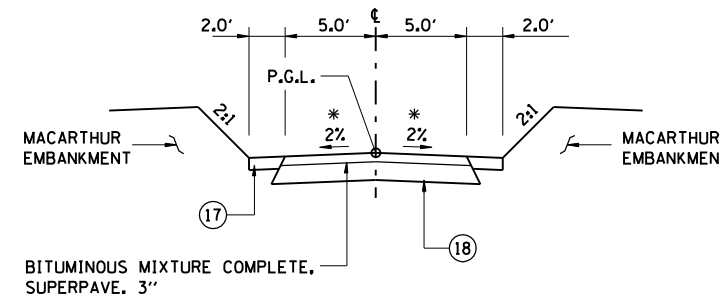


INTERURBAN TRAIL SECTION

STA 34+14.77 TO STA 35+93.58  
STA 39+48.84 TO STA 67+00.00  
STA 67+00.00 TO STA 67+14.00 =  
TRANSITION 3:1 TO 4%  
STA 67+14.00 TO STA 69+99.38 = 4%  
STA 81+05.94 TO STA 82+20.19 = 3:1

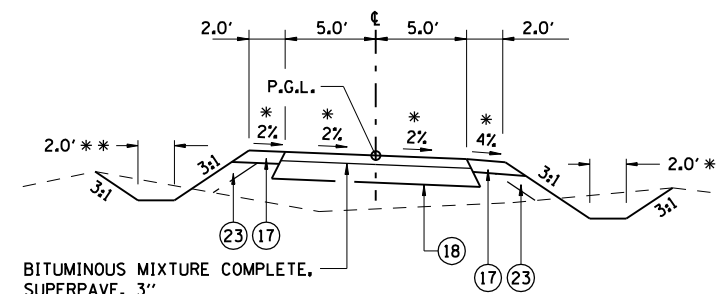
- F** STA 34+14.77 TO STA 35+93.58 = 3:1  
STA 39+48.84 TO STA 67+00.00 = 3:1  
STA 67+00.00 TO STA 67+14.00 =  
TRANSITION 3:1 TO 4%  
STA 67+14.00 TO STA 69+99.38 = 4%  
STA 81+05.94 TO STA 82+20.19 = 3:1

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE AND SHOULDERS SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION, PIPE UNDERDRAINS & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.



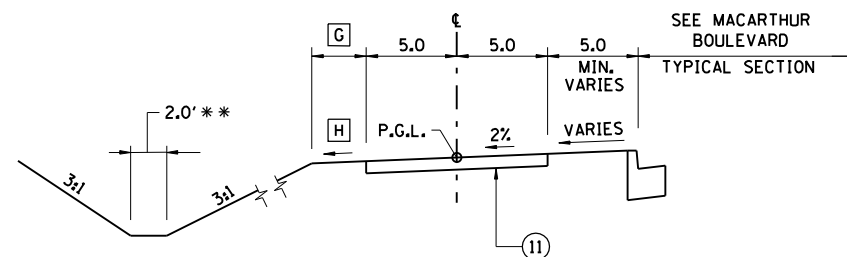
INTERURBAN TRAIL SECTION

STA 35+93.58 TO STA 37+91.93  
UNDERPASS OMISSION STA 36+23.86 TO STA 37+67.86



INTERURBAN TRAIL SECTION

STA 34+04.77 TO STA 34+14.77  
STA 37+91.93 TO STA 39+48.84  
STA 82+20.19 TO STA 84+00.36

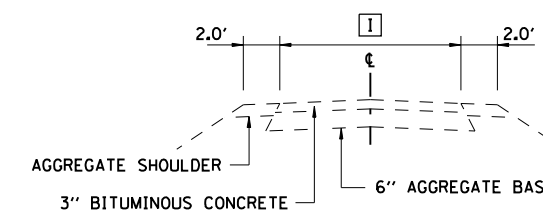


INTERURBAN TRAIL SECTION

STA 67+90.00 TO STA 80+98.22

- G** STA 70+17.99 TO STA 70+50 =  
TRANSITION 2.0' TO 3.0'  
STA 70+50 TO STA 80+19.81 = 3.0'  
STA 80+19.81 TO STA 81+05.94 =  
TRANSITION 3.0' TO 2.0'

- H** STA 70+17.99 TO STA 70+50 =  
TRANSITION 4% TO 5%  
STA 70+50 TO STA 80+19.81 = 5%  
STA 80+19.81 TO STA 81+05.94 =  
TRANSITION 5% TO 4%



EXISTING BIKEPATH SECTION

I 8.0' SOUTH OF HAZEL DELL ROAD  
10.0' NORTH OF NORFOLK SOUTHERN RAILWAY

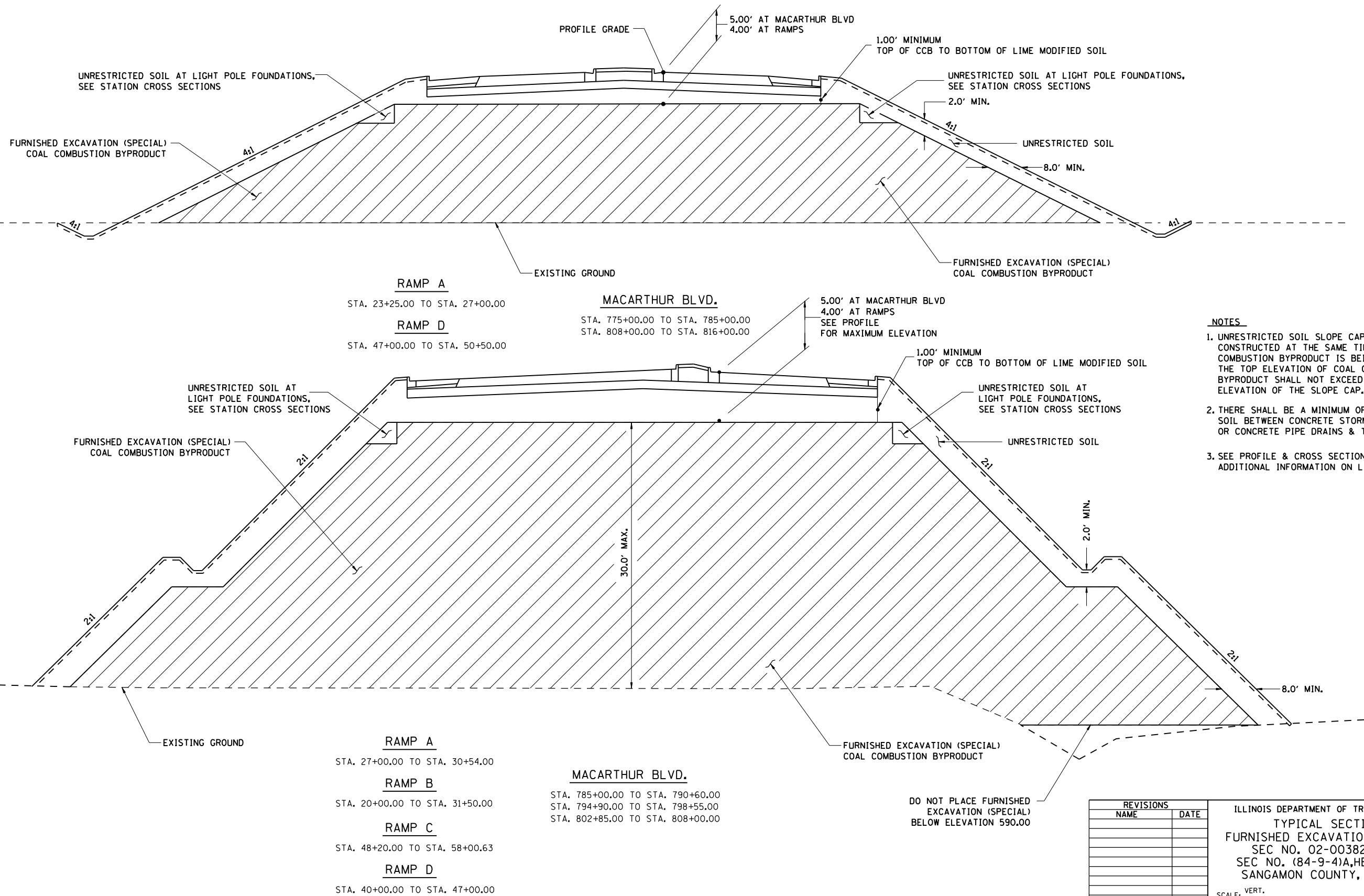
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
INTERURBAN TRAIL  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ. DATE 12/16/2006 DRAWN BY CLG CHECKED BY

LAYOUT	CLG	08/05/06
DRAWN	CLG	08/05/06
REVIEWED	JMD/JMD	08/05/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	36
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



- NOTES**
- UNRESTRICTED SOIL SLOPE CAP SHALL BE CONSTRUCTED AT THE SAME TIME AS COAL COMBUSTION BYPRODUCT IS BEING PLACED. THE TOP ELEVATION OF COAL COMBUSTION BYPRODUCT SHALL NOT EXCEED THE TOP ELEVATION OF THE SLOPE CAP.
  - THERE SHALL BE A MINIMUM OF 1'-0" OF SOIL BETWEEN CONCRETE STORM SEWERS OR CONCRETE PIPE DRAINS & THE CCB.
  - SEE PROFILE & CROSS SECTIONS FOR ADDITIONAL INFORMATION ON LIMITS OF CCB.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS  
 FURNISHED EXCAVATION (SPECIAL)  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JWM  
 DATE 12/16/2006



LAYOUT	CLG	08/05/06
DRAWN	CLG	08/05/06
REVIEWED	JMD/JMM	08/05/06

12/16/2006 \$FILES

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1		* 02-00382-02-PV		

EARTHWORK SCHEDULE

LOCATION	A	B	C	D	E	F	G	H	I
	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT, ADJUSTED FOR SHRINKAGE (18%)	EMBANKMENT	FURNISHED EXCAVATION, SPECIAL	EARTHWORK BALANCE EXCESS (+) OR SHORTAGE (-)	BORROW EXCAVATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
<b>BEGIN STATION    END STATION    OFFSET</b>									
<b>MACARTHUR BOULEVARD</b>									
770+97.27    786+20.00	2412		1978	116686	78841	-114708		2236	2322
788+68.92    791+66.64	540		443	76466	29622	-76024			913
793+94.64    795+00.00	19		15	31869	669	-31853			362
798+08.49    799+00.00	26		21	22504	3722	-22482			178
802+50.00    820+75.00	3167		2597	175958	110972	-173362		4011	2423
820+75.00    820+91.29	13		10	236		-226		76	2
823+25.10    865+15.23	10619		8708	35586		-26879		16526	26
867+01.78    877+00.00	774		635	9110		-8475		3375	
<b>SUBTOTAL</b>	<b>17569</b>		<b>14407</b>	<b>468416</b>	<b>223826</b>	<b>-454009</b>		<b>26224</b>	<b>6225</b>
<b>INTERSTATE 72</b>									
584+00.00    607+00.00    WIDENING	7711		6323	25024		-18701			3506
594+00.00    598+75.00    IMPACT ATTENUATOR	38		31	721		-689			
610+00.00    613+00.00	128		105	31		73			
<b>SUBTOTAL</b>	<b>7877</b>		<b>6459</b>	<b>25776</b>		<b>-19317</b>			<b>3506</b>
<b>RAMP A</b>									
10+00.00    28+52.16	4398		3606	42539	30784	-38933			1232
<b>SUBTOTAL</b>	<b>4398</b>		<b>3606</b>	<b>42539</b>	<b>30784</b>	<b>-38933</b>			<b>1232</b>
<b>RAMP B</b>									
22+00.00    32+00.00	560		459	149318	96478	-148858			2760
23+75.00    26+50.00    AND VARIOUS		14500		14500		-14500			
36+00.00    48+50.00	2944		2414	32432		-30019			1565
<b>SUBTOTAL</b>	<b>3504</b>	<b>14500</b>	<b>2873</b>	<b>196250</b>	<b>96478</b>	<b>-193377</b>			<b>4325</b>
<b>RAMP C</b>									
30+00.00    44+50.00	2326		1907	28986		-27079			621
47+50.00    56+50.00	682		560	128913	96613	-128353			1853
<b>SUBTOTAL</b>	<b>3008</b>		<b>2467</b>	<b>157899</b>	<b>96613</b>	<b>-155432</b>			<b>2474</b>
<b>RAMP D</b>									
42+00.00    67+00.00	3269		2680	74569	56137	-71888			1945
<b>SUBTOTAL</b>	<b>3269</b>		<b>2680</b>	<b>74569</b>	<b>56137</b>	<b>-71888</b>			<b>1945</b>
<b>INFIELD AREA A</b>									
100+00.00    107+70.00	12236		10033	874		9159			
<b>SUBTOTAL</b>	<b>12236</b>		<b>10033</b>	<b>874</b>		<b>9159</b>			
<b>INFIELD AREA B</b>									
100+00.00    109+00.00	27049		22180	2462		19718			77
<b>SUBTOTAL</b>	<b>27049</b>		<b>22180</b>	<b>2462</b>		<b>19718</b>			<b>77</b>
<b>RECREATION DRIVE</b>									
101+90.57    125+50.00	3567		2925	10171		-7246		4554	
<b>SUBTOTAL</b>	<b>3567</b>		<b>2925</b>	<b>10171</b>		<b>-7246</b>		<b>4554</b>	
<b>BORROW AREA</b>									
10+50.00    28+50.00	191689		157185	2963		154222			
<b>SUBTOTAL</b>	<b>191689</b>		<b>157185</b>	<b>2963</b>		<b>154222</b>			
<b>LINCOLNSHIRE BOULEVARD</b>									
181+65.87    182+50.82	22		18	319		-301		285	
<b>SUBTOTAL</b>	<b>22</b>		<b>18</b>	<b>319</b>		<b>-301</b>		<b>285</b>	
<b>CENTRE STREET</b>									
10+72.61    12+62.03	14		11	588		-577		281	
<b>SUBTOTAL</b>	<b>14</b>		<b>11</b>	<b>588</b>		<b>-577</b>		<b>281</b>	
<b>INTERURBAN TRAIL</b>									
10+31.27    21+89.59	862		707	20433	14919	-19726			512
21+89.59    48+00.00	1945		1595	37642	14565	-36047			904
48+00.00    68+00.00	1569		1287	1461		-175			
80+54.73    83+00.00	25		21	319		-298			
<b>SUBTOTAL</b>	<b>4402</b>		<b>3609</b>	<b>59855</b>	<b>29484</b>	<b>-56246</b>			<b>1416</b>
<b>INTERURBAN TRAIL PARKING LOT</b>									
PARKING LOT TOTAL				675		-675			
<b>SUBTOTAL</b>				<b>675</b>		<b>-675</b>			

EQUATIONS USED  
 C = A \* 0.82  
 F = C - D  
 G = ( D - E - C - ( H - I ) ) / 0.82

NOTE - EXCESS TOPSOIL EXCAVATION SHALL BE USED AS EMBANKMENT AT LOCATIONS APPROVED BY THE ENGINEER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES -1  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.    DRAWN BY CLG  
 HORIZ.        CHECKED BY MH  
 DATE 05/20/2005



1/22/2007  
 \$FILES  
 LAYOUT    CLG    05/ / 05  
 DRAWN     CLG    05/ / 05  
 REVIEWED JMD/JMD 05/ / 05

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	38
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

**EARTHWORK SCHEDULE**

LOCATION	A	B	C	D	E	F	G	H	I
	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT, ADJUSTED FOR SHRINKAGE (18%)	EMBANKMENT	FURNISHED EXCAVATION, SPECIAL	EARTHWORK BALANCE EXCESS (+) OR SHORTAGE (-)	BORROW EXCAVATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
<b>BEGIN STATION    END STATION    OFFSET</b>									
<b>INTERSECTIONS</b>									
MACARTHUR / RECREATION	50		41	1709		-1668			
MACARTHUR / RAMP A & B				77930	66067	-77930			875
MACARTHUR / RAMP C & D				104313	77986	-104313			854
MACARTHUR / LINCOLNSHIRE	22		18	3672		-3654		1586	14
MACARTHUR / CENTRE STREET	102		84	2834		-2751			
CENTRE STREET / WEST GRAND	92		75	95		-19			
LINCOLNSHIRE / WEST GRAND	37		30	420		-390		393	
<b>SUBTOTAL</b>	<b>303</b>		<b>249</b>	<b>190972</b>	<b>144053</b>	<b>-190724</b>		<b>1979</b>	<b>1744</b>
<b>BRIDGE CONES</b>									
MACARTHUR OVER I-72 SOUTH				3672		-3672			84
MACARTHUR OVER I-72 NORTH	39		32	5822		-5790			216
I-72, RAMP B, RAMP C OVER UPRR WEST	326		267	19111		-18844			984
I-72, RAMP B, RAMP C OVER UPRR EAST	505		414	15373		-14959			698
MACARTHUR OVER NS NORTH	2		1	27445		-27444			339
MACARTHUR OVER NS SOUTH	2		1	27445		-27444			339
<b>SUBTOTAL</b>	<b>874</b>		<b>716</b>	<b>98868</b>		<b>-98152</b>			<b>2660</b>
<b>ENTRANCES</b>									
RECREATION DRIVE STA. 115+00 LT & RT	18		15	71		-56			
RECREATION DRIVE STA. 126+15 LT	8		7	51		-44			
RECREATION DRIVE STA. 126+85 LT	6		5			5			
MACARTHUR 821+70.50 LT	15		12	20		-8			
MACARTHUR 832+00 RT	16		13	51		-38			
MACARTHUR 852+56 LT	13		11	32		-21			
<b>SUBTOTAL</b>	<b>76</b>		<b>62</b>	<b>225</b>		<b>-163</b>			
<b>TOTAL</b>	<b>279855</b>	<b>14500</b>	<b>229480</b>	<b>1333420</b>	<b>677375</b>	<b>-1103940</b>	<b>510790</b>	<b>33320</b>	<b>25605</b>

**EQUATIONS USED**  
 $C = A * 0.82$   
 $F = C - D$   
 $G = (D - E - C - (H - I)) / 0.82$

**NOTE - EXCESS TOPSOIL EXCAVATION SHALL BE USED AS EMBANKMENT AT LOCATIONS APPROVED BY THE ENGINEER.**



LAYOUT: CLG 05/ /05  
 DRAWN: CLG 05/ /05  
 REVIEWED: JWB/JMW 05/ /05  
 1/22/2007 \$FILES\*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES -2  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.    DRAWN BY CLG  
 HORIZ.        CHECKED BY MH  
 DATE 05/20/2005



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	39
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

PIPE UNDERDRAIN SCHEDULE						
LOCATION			HEAVY DUTY EXCELSIOR BLANKET	CONCRETE HEADWALL FOR PIPE DRAINS	PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS 4" (SPECIAL)
			SQ YD	EACH	FOOT	FOOT
BEGIN STATION	END STATION / OFFSET	OFFSET				
<b>MACARTHUR BOULEVARD</b>						
789+27.00	791+59.00	RT			232	
789+27.00	791+47.00	LT			220	
791+35.00	146.60	RT	18	1		74
791+35.00	165.40	LT	18	1		100
793+81.00	799+47.00	LT			566	
793+95.00	800+47.00	RT			652	
799+47.00	117.50	LT	18	1		35
800+32.00	163.50	RT	18	1		70
800+98.00	139.10	LT	18	1		57
800+98.00	804+23.00	LT			325	
802+17.00	124.00	RT	18	1		44
801+93.00	804+23.00	RT			230	
	<b>SUBTOTAL</b>		<b>108</b>	<b>6</b>	<b>2225</b>	<b>380</b>
<b>RAMP B</b>						
30+00.00	78.03	RT	18	1		63
30+00.00	93.00	LT	18	1		57
29+99.00	32+58.00	RT			259	
29+99.00	33+20.00	LT			321	
34+98.00	35+73.00	RT			75	
35+20.31	36+23.00	LT			103	
35+20.00		LT				12
35+70.00	85.87	RT	18	1		70
	<b>SUBTOTAL</b>		<b>54</b>	<b>3</b>	<b>758</b>	<b>202</b>
<b>RAMP C</b>						
46+69.00	47+50.00	RT			81	
47+50.00	85.60	RT	18	1		74
47+50.00	48+50.00	RT			100	
48+50.00	83.57	RT	36	1		
48+50.00	49+53.00	RT			103	
	<b>SUBTOTAL</b>		<b>54</b>	<b>2</b>	<b>284</b>	<b>74</b>
	<b>TOTAL</b>		<b>216</b>	<b>11</b>	<b>3267</b>	<b>656</b>

**GEOSYNTHETIC REINFORCEMENT SCHEDULE**

LOCATION				GEOSYNTHETIC REINFORCEMENT SQ YD
BEGIN STATION	END STATION	OFFSET		
<b>RAMP C</b>				
38+50.00	42+50.00	RT		10133
	<b>TOTAL</b>			<b>10133</b>

ESTIMATED QUANTITIES FOR CORRECTING UNSTABLE OR UNSUITABLE CONDITIONS AT VARIOUS LOCATIONS. THESE QUANTITIES MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE ESTIMATED QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

ITEM	APPROX. LOCATION	UNIT	QUANTITY
THE FOLLOWING ITEMS ARE FOR CORRECTING UNSTABLE CONDITIONS PRIOR TO CONSTRUCTING PROPOSED EMBANKMENTS.			
ROCKFILL - EMBANKMENT	868+00 TO 871+00	TONS	3400
GROUND STABILIZATION GEOSYNTHETIC	868+00 TO 871+00	SO YDS	2700
THE FOLLOWING ITEM IS FOR CORRECTING UNSUITABLE CONDITIONS PRIOR TO CONSTRUCTING PROPOSED EMBANKMENTS. THIS INCLUDES REMOVAL AND OFF-SITE DISPOSAL OF UNSUITABLE UNCONTROLLED FILL AND MISCELLANEOUS UNSUITABLE MATERIALS AT EXISTING DITCHES, PONDS, OR CHANNELS. THIS ITEM DOES NOT INCLUDE MATERIAL REMOVED AND PLACED ELSEWHERE WITHIN THE PROJECT LIMITS. THIS ITEM DOES NOT INCLUDE WASTE AND UNSUITABLE MATERIAL WITHIN THE LIMITS OF THE PROPOSED BORROW AREA.			
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	RAMP B 23+75 TO 26+50 & VARIOUS	CUBIC YARDS	14,500 ***
THE FOLLOWING ITEMS ARE FOR CORRECTING UNSTABLE SUBGRADE CONDITIONS			
EARTH EXCAVATION (ROCKFILL) *	VARIOUS	CU YDS	1600
ROCKFILL-SUBGRADE	VARIOUS	TONS	2200
SUBBASE GRANULAR MATERIAL, TYPE A	VARIOUS	TONS	800
GROUND STABILIZATION GEOSYNTHETIC	VARIOUS	SO YDS	2350
TRANSVERSE DRAINS, COMPLETE	VARIOUS	EACH	2
NOTE 1 LIME	VARIOUS	TONS	50
NOTE 1 PROCESSING MODIFIED SOILS, 12"	VARIOUS	SO YDS	2340
NOTE 1 EARTH EXCAVATION * *	VARIOUS	CU YDS	1560
THE FOLLOWING ITEMS ARE FOR IMPROVING UNSTABLE OR UNSUITABLE CONDITIONS PRIOR TO PLACING CULVERT SECTIONS.			
ROCKFILL- FOUNDATION	790+20 AND VARIOUS	TONS	800

NOTE 1

\* SEE SPECIAL PROVISION FOR ROCKFILL-SUBGRADE.  
 \*\* WHEN EARTH EXCAVATION IS USED TO FACILITATE THE LIME MODIFICATION OF TWO LIFTS OF SUBGRADE, REMOVAL AND REPLACEMENT OF SOIL WILL BE PAID FOR AS SEPARATE OPERATIONS.  
 \*\*\* THIS MATERIAL WILL BE REPLACED WITH EMBANKMENT. SEE EARTHWORK SCHEDULE.  
 NOTE 1 - THESE ITEMS ARE NOT INCLUDED IN THIS CONTRACT.



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 LAYOUT  
 DRAWN  
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 12/16/2006  
 \$FILE\*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES -3  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ. DATE 05/20/2005  
 DRAWN BY CLG CHECKED BY MH

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

PAVING SCHEDULE

LOCATION	SUB-BASE GRANULAR MATERIAL, TYPE A	AGGREGATE BASE COURSE, TYPE A 6"	AGGREGATE BASE COURSE, TYPE A 8"	BITUMINOUS MIXTURE COMPLETE (SPECIAL)	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-25.0, N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"
<b>BEGIN STATION</b>	<b>END STATION</b>	<b>OFFSET</b>							
<b>MACARTHUR BOULEVARD</b>									
873+94.94	875+32.67	LT		687	1.0	77.0	77.0		
<b>SUBTOTAL</b>				<b>687</b>	<b>1.0</b>	<b>77.0</b>	<b>77.0</b>		
<b>INTERSTATE 72</b>									
591+74.00	606+83.03	RT 6'	114.7						
591+74.00	606+67.61	RT 10'	189.2						
605+20.00	607+14.71	LT 6'	16.6						
605+20.00	607+30.80	LT 10'	30.0						
609+87.60	611+60.00	RT 6'	13.1						
609+68.96	611+90.00	RT 10'	28.0						
610+26.33	625+30.00	LT 6'	128.6						
610+46.45	625+50.30	LT 10'	214.3						
606+63.20	606+75.69	RT	8.1						33.0
607+08.10	607+22.76	LT	19.3						33.0
609+78.86	609+91.40	RT	8.1						39.0
610+35.60	610+50.50	LT	20.0						40.0
606+05.69	606+75.69	RT							0.1
609+78.86	610+48.86	RT							0.1
606+52.76	607+22.76	LT							0.1
610+35.60	611+05.60	LT							0.1
<b>SUBTOTAL</b>			<b>789.9</b>		<b>0.4</b>		<b>132.0</b>		<b>145.0</b>
<b>BIKE PATH</b>									
BIKE PATH PATCH A				58		10	0.1		
BIKE PATH PATCH B				40		7	0.1		
BIKE PATH PATCH C				32		5	0.1		
BIKE PATH PATCH D				35		6	0.1		
<b>SUBTOTAL</b>				<b>165</b>		<b>28</b>	<b>0.4</b>		
<b>WEST GRAND AVENUE</b>									
502+50.00 RT					15		2.0	2.0	
<b>SUBTOTAL</b>					<b>15</b>		<b>2.0</b>	<b>2.0</b>	
<b>TOTAL</b>	<b>789.9</b>	<b>165</b>	<b>702</b>	<b>28</b>	<b>1.8</b>	<b>79.0</b>	<b>79.0</b>	<b>132.0</b>	<b>145.0</b>

CURB AND GUTTER AND BRIDGE APPROACH PAVEMENT SCHEDULE

LOCATION	BRIDGE APPROACH PAVEMENT	PROTECTIVE COAT	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
<b>BEGIN STATION</b>	<b>END STATION</b>	<b>OFFSET</b>		
<b>MACARTHUR BOULEVARD</b>				
873+94.30	875+32.20	LT		71
<b>SUBTOTAL</b>				<b>71</b>
<b>INTERSTATE 72</b>				
606+75.76	606+81.69	RT		27
606+81.69	607+11.29	RT	136	136
607+22.68	607+28.76	LT		27
607+28.76	607+59.16	LT	136	136
609+43.25	609+72.86	RT	136	136
609+72.86	609+78.78	RT		27
609+99.21	610+29.60	LT	136	136
610+29.60	610+35.68	LT		27
<b>SUBTOTAL</b>			<b>544</b>	<b>544</b>
<b>TOTAL</b>			<b>544</b>	<b>615</b>

EXPLORATION TRENCH SCHEDULE

LOCATION	EXPLORATION TRENCH 52" DEPTH
<b>BEGIN STATION</b>	<b>END STATION</b>
<b>OFFSET</b>	
<b>MACARTHUR BOULEVARD</b>	
ROADWAY TOTAL	
ROADWAY TOTAL	
<b>SUBTOTAL</b>	
<b>9700</b>	
<b>RAMP A</b>	
ROADWAY TOTAL	
<b>SUBTOTAL</b>	
<b>900</b>	
<b>RAMP B</b>	
ROADWAY TOTAL	
<b>SUBTOTAL</b>	
<b>1800</b>	
<b>RAMP C</b>	
ROADWAY TOTAL	
<b>SUBTOTAL</b>	
<b>1800</b>	
<b>RAMP D</b>	
ROADWAY TOTAL	
<b>SUBTOTAL</b>	
<b>1400</b>	
<b>RECREATION DRIVE</b>	
ROADWAY TOTAL	
<b>SUBTOTAL</b>	
<b>2600</b>	
<b>LINCOLNSHIRE BOULEVARD</b>	
ROADWAY TOTAL	
<b>SUBTOTAL</b>	
<b>400</b>	
<b>CENTRE STREET</b>	
ROADWAY TOTAL	
<b>SUBTOTAL</b>	
<b>300</b>	
<b>INTERURBAN TRAIL</b>	
ROADWAY TOTAL	
<b>SUBTOTAL</b>	
<b>400</b>	
<b>TOTAL</b>	
<b>19300</b>	

RIGHT-OF-WAY AND SURVEY MARKER SCHEDULE

LOCATION	PERMANENT SURVEY MARKERS, TYPE 1	SURVEY MARKER, TYPE 1 (SPECIAL)	SURVEY MARKER, TYPE 2 (SPECIAL)
<b>STATION</b>	<b>OFFSET</b>	<b>LT/RT</b>	
<b>MACARTHUR BOULEVARD</b>			
777+00.00			1
787+00.00			1
792+91.05	1423.69	LT	1
797+00.00			1
801+40.00	1081.47	RT	1
807+00.00			1
815+96.39			1
825+77.04	331.18	RT	1
827+17.88			1
828+20.08			1
842+08.82			1
842+57.10			1
852+51.70	297.39	LT	1
858+23.72			1
867+72.90			1
872+68.69			1
879+02.91			1
<b>SUBTOTAL</b>			<b>13</b>
<b>TOTAL</b>			<b>13</b>

FENCE SCHEDULE

LOCATION	TEMPORARY FENCE	FENCE REMOVAL
<b>BEGIN STATION</b>	<b>END STATION</b>	<b>OFFSET</b>
<b>INTERSTATE 72</b>		
530+88.00	531+12.00	LT (BORROW AREA)
569+50.00	608+09.00	LT
578+90.00	596+46.00	RT
585+85.00	597+61.00	LT (HAZEL DELL RD)
594+86.00	599+66.00	LT
594+95.00	599+91.00	LT
597+17.00	609+40.00	RT
598+18.00	601+77.00	RT (BORROW AREA)
608+89.00	623+49.00	RT
609+71.00		LT/RT (MEDIAN)
610+17.00	623+49.00	LT
<b>SUBTOTAL</b>		
<b>12481</b>		
<b>INTERURBAN TRAIL</b>		
WEST SIDE OF INTERURBAN TRAIL CONSTRUCTION		
<b>SUBTOTAL</b>		<b>470</b>
<b>TOTAL</b>		<b>470</b>
		<b>12481</b>

SHOULDER SCHEDULE

LOCATION	AGGREGATE SHOULDERS, TYPE B 10"	HOT-MIX ASPHALT SHOULDERS, 13	SHOULDER RUMBLE STRIP
<b>BEGIN STATION</b>	<b>END STATION</b>	<b>OFFSET</b>	
<b>INTERSTATE 72</b>			
591+74.00	606+83.03	RT (6')	1006
591+74.00	606+67.61	RT (10')	1660
591+74.00	606+71.11	RT(EB)	333
591+74.00	606+90.66	LT(EB)	337
591+74.00	606+75.90	EB OUTER	1502
591+74.00	606+87.50	EB MEDIAN	1514
605+20.00	607+14.84	LT (6')	130
605+20.00	607+22.40	WB MEDIAN	202
605+20.00	607+35.00	WB OUTER	215
605+20.00	607+31.43	LT (10')	235
605+20.00	607+19.36	RT(WB)	44
605+20.00	607+40.38	LT(WB)	49
609+59.76	611+90.00	RT(EB)	51
609+66.10	611+90.00	EB OUTER	224
609+68.98	611+90.00	RT (10')	246
609+80.00	611+60.00	EB MEDIAN	180
609+83.76	611+60.00	LT(EB)	39
609+87.44	611+60.00	RT (6')	115
610+18.15	625+30.00	RT(WB)	336
610+22.10	625+30.00	WB MEDIAN	1508
610+26.32	625+30.00	LT (6')	1002
610+37.20	625+50.30	WB OUTER	1513
610+43.74	625+50.30	LT(WB)	335
610+46.44	625+50.30	LT (10')	1671
<b>SUBTOTAL</b>			<b>6858</b>
<b>TOTAL</b>			<b>6858</b>

LIGHTING SCHEDULE

LOCATION	JUN BX SS ES 8X8X6	PED UND LUM
<b>BEGIN STATION</b>	<b>END STATION</b>	<b>OFFSET</b>
<b>INTERURBAN TRAIL</b>		
PEDESTRIAN UNDERPASS LIGHTING		
<b>SUBTOTAL</b>		<b>30</b>
<b>TOTAL</b>		<b>30</b>

SIDEWALK SCHEDULE

LOCATION	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
<b>BEGIN STATION</b>	<b>END STATION</b>
<b>OFFSET</b>	
<b>MACARTHUR BOULEVARD</b>	
873+70.96	876+81.00
<b>SUBTOTAL</b>	
<b>3970</b>	
<b>TOTAL</b>	
<b>3970</b>	

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES -4  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ.  
 DATE: 05/20/2005  
 DRAWN BY: CLG  
 CHECKED BY: MH



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

**EROSION CONTROL SCHEDULE**

LOCATION	HEAVY DUTY EXCELSIOR BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	STONE RIPRAP, CLASS B3	STONE RIPRAP, CLASS B5	STONE DUMPED RIPRAP, CLASS B5	FILTER FABRIC	RIPRAP SLURRY
	SQ YD	POUND	EACH	FOOT	EACH	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
BEGIN STATION	END STATION / OFFSET									
<b>MACARTHUR BOULEVARD</b>										
769+31.49	772+37.90 RT					946				
769+60.00	798+08.49	2000								
769+93.00	783+50.00 LT AND RT		12							
770+93.50	68.00 RT						6			6
771+13.00	68.00 LT						6			6
775+50.00	86.00 LT						6			6
775+50.00	86.00 RT						6			6
780+50.00	118.00 LT						6			6
780+50.00	118.00 RT						6			6
783+50.00	798+08.49 LT AND RT		10							
785+00.00	786+25.00 LT				127					
785+50.00	87.00 LT						6			6
785+50.00	92.00 RT						6			6
786+20.00	LT					1				
788+60.00	790+20.00 RT					342				342
791+45.50	140.00 LT						6			6
791+57.00	148.00 RT						6			6
794+04.00	150.00 LT						16			16
794+23.00	150.00 RT						6			6
797+35.00	798+08.49 LT				93					
798+00.00	120.00 RT						6			6
798+00.00	105.00 LT						6			6
798+08.49	820+75.00	1100								
798+08.49	798+50.00 LT				53					
798+08.50	799+10.00 RT				106					
798+08.49	813+50.00 LT AND RT		16							
798+90.00	146.00 LT						6			6
799+69.50	160.00 RT						6			6
800+30.00	817+00.00 LT AND RT					13				
801+66.00	140.00 LT						6			6
802+70.00	155.00 RT						6			6
804+50.00	85.00 LT						6			6
804+50.00	92.00 RT						6			6
809+50.00	140.00 LT						6			6
809+50.00	155.00 RT						6			6
814+50.00	118.00 LT						6			6
814+50.00	118.00 RT						6			6
810+50.00	81050.00 LT AND RT	700								
813+50.00	820+75.00 LT AND RT		9							
818+50.00	820+75.00 RT				223					
818+50.00	820+75.00 LT				214					
820+00.00	60.00 LT						6			6
820+75.00	820+95.19	25								
820+75.00	825+00.00 LT				425					
820+75.00	821+00.00 RT				25					
820+75.00	829+00.00 LT AND RT		8							
820+00.00	875+20.00 LT AND RT					30				
822+50.00	825+00.00 RT				254					
829+00.00	841+50.00 LT AND RT		13							
841+29.00	843+00.00 RT				164					
841+50.00	855+50.00 LT AND RT		14							
855+50.00	871+00.00 LT AND RT		8							
866+80.00	873+75.00 LT				661					
868+00.00	870+00.00 RT				220					
871+00.00	877+93.90 LT AND RT		2							
	770+00.36 RT						1			
	770+75.00 LT						1			
	785+00.00 LT							93		93
	785+00.00 RT							93		93
	786+20.00 RT							299		299
	788+10.00 RT							230		230
	788+50.00 LT							149		149
	790+20.00 RT								68	
	790+20.00 LT						1			
	794+20.00 RT						1			
	795+50.00 RT							127		127
	795+80.00 LT							171		171
	797+05.00 LT							149		149
	806+10.00 RT							99		99
	808+00.00 LT							99		99
	<b>SUBTOTAL</b>	<b>700</b>	<b>3125</b>	<b>92</b>	<b>3511</b>	<b>48</b>	<b>2011</b>	<b>68</b>		<b>2011</b>
<b>I-72</b>										
607+00.50	17.00 RT						6			6
607+56.00	110.00 LT						6			6
610+24.00	12.00 RT						6			6
	592+00.00 RT							164		164
	592+00.00 CL						1			
	592+00.00 LT						1			
	<b>SUBTOTAL</b>						<b>2</b>	<b>182</b>		<b>182</b>



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 LAYOUT CLG 05/ / 05  
 DRAWN CLG 05/ / 05  
 REVIEWED JMO/JML 05/ / 05

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES -5  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS  
 SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY MH  
 DATE 05/20/2005

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	42
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9-4)A,HBK,BY,BY-1		* 02-00382-02-PV		

**EROSION CONTROL SCHEDULE**

LOCATION			HEAVY DUTY EXCELSIOR BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	STONE RIPRAP, CLASS B3	STONE RIPRAP, CLASS B5	STONE DUMPED RIPRAP, CLASS B5	FILTER FABRIC	RIPRAP SLURRY
			SQ YD	POUND	EACH	FOOT	EACH	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
BEGIN STATION	END STATION / OFFSET	OFFSET										
<b>RAMP A</b>												
10+00.00	22+00.00	RT			5							
18+80.00	23+00.00	RT				390						
22+00.00	30+54.00	LT AND RT			5							
25+50.00	29+11.00	RT				399						
28+57.00	53.00	RT						6				6
29+14.50	87.00	LT						6				6
	10+00.00	RT						1				
	12+00.00	RT						1				
	14+20.00	RT						1				
	15+81.00	RT						1				
	18+00.00	RT							111			111
	21+00.00	RT						1				
	22+02.00	LT							109			109
	27+01.62	RT							71			71
	27+01.62	LT							71			71
SUBTOTAL					10	789	5	374				374
<b>RAMP B</b>												
20+00.00	28+00.00	LT AND RT			7							
21+88.50	41.00	RT						6				6
21+88.50	81.00	LT						6				6
22+00.00	25+00.00	LT	304									
22+00.00	22+50.00	LT				52						
23+50.00	70.75	LT						6				6
24+80.00	68.00	LT						6				6
25+00.00		RT							288		316	
25+00.00	45.00	RT						6				6
25+50.00		LT						106				106
25+50.00		RT						275				275
27+40.00	66.00	LT						6				6
28+00.00	42+50.00	LT AND RT			14							
29+80.00	46.00	RT						6				6
29+80.00	65.25	LT						6				6
32+11.00	44.00	RT						6				6
33+50.00	39+57.00	RT				592						
34+45.00		RT						29				29
35+60.50	51.00	RT						6				6
36+00.00		RT						106				106
36+50.00	52.50	RT						6				6
37+50.00	50.50	RT						6				6
39+40.00	46.50	RT						6				6
39+75.00	46.00	RT						6				6
41+30.00	41.25	RT						6				6
42+50.00	50+40.00	RT			5							
42+98.38	35.75	RT						6				6
	25+00.00	LT						1				
	36+50.00	LT						1				
SUBTOTAL			304		26	643.5	2	612	288		316	612
<b>RAMP C</b>												
30+00.00	32+50.00	RT				256						
30+00.00	43+00.00	RT			3							
35+46.00	46.00	RT						6				6
35+48.38	46.00	RT						6				6
38+50.00	57.75	RT						6				6
38+50.00	42+50.00	RT	1875									
39+25.00	57.75	RT						6				6
41+50.00	54.50	RT						6				6
43+00.00		RT						106				106
43+00.00	58+00.60	LT AND RT			10							
44+63.50	38.00	RT						6				6
44+84.00		RT						53				53
46+50.00		RT						35				35
47+27.00	38.00	RT						6				6
47+70.00	50+93.00	LT	388									
49+77.50	66.00	LT						6				6
50+10.00	41.50	RT						6				6
51+00.00	115.00	RT						6				6
51+00.00		LT						481				481
51+43.00	66.00	LT						6				6
53+50.00	72.50	LT						6				6
53+50.00	113.00	RT						6				6
54+70.00		RT						106				106
56+60.00	98.00	RT						6				6
56+92.00	87.00	LT						6				6
	44+65.00	LT	1									

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES -6  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 05/20/2005

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FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

**EROSION CONTROL SCHEDULE**

LOCATION			HEAVY DUTY EXCELSIOR BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	STONE RIPRAP, CLASS B3	STONE RIPRAP, CLASS B5	STONE DUMPED RIPRAP, CLASS B5	FILTER FABRIC	RIPRAP SLURRY
			SQ YD	POUND	EACH	FOOT	EACH	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
BEGIN STATION	END STATION / OFFSET	OFFSET										
	44+84.00	RT					1					
	46+50.00	RT					1					
	50+98.50	RT					1					
			2263		13	256	4	871				871
<b>RAMP D</b>												
	40+00.00	54+00.00 LT AND RT			9				6			6
	41+88.00	49.00 RT										
	42+25.00	67+47.80 RT				2554						
	44+00.00	56.75 LT							6			6
	46+98.40	RT							63			63
	46+98.40	LT							63			63
	54+00.00	67+51.60 RT			9							
	56+25.00	35.00 RT							6			6
	52+00.00	RT					1					
					18	2554	1	144				144
<b>RAMP A INFIELD</b>												
	100+00.00	108+50.00 CL			2							
	101+88.00	107+11.00 LT AND RT	347									
				625								
			347	625	2							
<b>RAMP B INFIELD</b>												
				1050								
				1050								
<b>RAMP C INFIELD</b>												
				400								
				400								
<b>RAMP D INFIELD</b>												
				500	5							
				500	5							
<b>BORROW AREA</b>												
	10+50.00	RT								1409		1550
	11+60.00	12+05.00 RT			2							
	23+25.00	26+10.00 LT AND RT				900	1					
					2	900	1			1409		1550
<b>STORM SEWER</b>												
	407+90.00								67			69
									67			69
<b>MACARTHUR STORM SEWER</b>												
	99+68.50	BL							176			193
	108+62.40	BL					1					
	111+42.00	BL					1					
							2		176			193
<b>RECREATION DRIVE</b>												
	100+00.00	117+50.00 LT AND RT			12							
	100+95.00	106+60.00 LT				636						
	101+30.00	RT							6			6
	101+62.00	LT							6			6
	104+20.00	LT							13			13
	105+50.00	109+50.00 RT				377						
	115+00.00	RT							1			
	115+00.00	LT							1			
	117+50.00	128+00.00 LT AND RT			6							
	124+00.00	126+00.00 LT				163						
	124+75.00	125+25.00 LT							70			70
	124+75.00	125+30.00 RT							75			75
		104+20.00 RT							1			
		125+22.80 LT							1			
		126+45.00 LT							1			
					18	1176	5	170				170
<b>LINCOLNSHIRE BOULEVARD</b>												
	180+00.00	182+00.00 LT AND RT			2							
	180+70.70	183+77.20 RT				334						
	182+00.00	184+00.00 LT AND RT			2							
					4	334						
<b>WEST GRAND AVENUE</b>												
	182+10.00	183+75.00 LT AND RT							4			
									4			
<b>CENTRE STREET</b>												
	10+60.00	13+30.00 LT				286			1			
	10+60.00	13+30.00 RT				301						
						586			1			
<b>INTERURBAN TRAIL PARKING LOT</b>												
									2			
									2			
			3614	5700	190	10750	77	4364	599	1409	2128	4364

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES -7  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 05/20/2005

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FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	45
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

REMOVAL SCHEDULE

LOCATION	TREE REMOVAL, ACRES	PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	APPROACH SLAB REMOVAL	BITUMINOUS CONCRETE SHOULDER REMOVAL	PAVED DITCH REMOVAL	PAVEMENT REMOVAL (SPECIAL)	CONCRETE HEADWALL REMOVAL	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 24"	REMOVING INLETS	GUARDRAIL REMOVAL	FILLING EXISTING CULVERTS
	ACRE	SQ YD	FOOT	SQ YD	SQ YD	FOOT	SQ YD	EACH	FOOT	FOOT	EACH	FOOT	EACH
<b>BEGIN END STATION / STATION OFFSET OFFSET</b>													
<b>MACARTHUR BOULEVARD</b>													
790+25.00 95' RT								1					1
790+70.00 90' RT													
791+30.00 80' RT								1					
791+47.00 78' RT								1					
792+10.00 70' RT													1
792+62.00 68' RT								1					
797+50.00 30' LT									24				
839+30.00 844+60.00 LT & RT		589											
840+10.00 841+30.00 RT										150			
841+34.00 40' RT												12	
873+75.35 876+81.00 LT		686											
876+13.00 876+31.00			18										
MACARTHUR AT ABANDONED RR	1.25												
MACARTHUR AT JUNCTION CIRCLE AND CUL DE SAC	0.75												
MACARTHUR AT NS	1.25												
MACARTHUR AT WEST GRAND	0.75												
<b>SUBTOTAL</b>	<b>4.00</b>	<b>1275</b>	<b>18</b>					<b>4</b>	<b>24</b>	<b>150</b>		<b>12</b>	<b>2</b>
<b>INTERSTATE 72</b>													
582+00.00 78' RT								1					
582+00.00 78' RT										8			
591+74.00 607+07.00 RT					1703								
591+74.00 607+19.00 RT					1030								
592+00.00 88' LT								1					
592+00.00 90' RT								1					
597+57.10 607+18.21 RT												965	
600+64.50 607+66.00 LT												702	
605+20.00 607+66.00 LT					273								
605+20.00 607+53.00 LT					155								
605+70.00 607+19.00 RT												178	
606+52.00 607+00.00 RT						45							
607+16.00 92' LT								1					1
607+16.00 63' LT											1		
609+35.00 618+06.00 RT												871	
609+35.00 611+90.00 RT					283								
609+50.00 611+60.00 RT					140								
609+53.00 610+31.00 RT						65							
609+89.00 611+40.00 LT												175	
609+89.00 625+30.00 LT													960
610+06.00 619+65.60 LT					1027								
610+06.00 625+50.30 LT					1716								
610+60.00 88' LT								1					1
610+60.00 63' LT											1		
INTERURBAN TRAIL BENEATH BRIDGE OVER UPRR		75											
EASTBOUND BRIDGE, EAST APPROACH				139									
EASTBOUND BRIDGE, WEST APPROACH				139									
WESTBOUND BRIDGE, EAST APPROACH				141									
WESTBOUND BRIDGE, WEST APPROACH				139									
<b>SUBTOTAL</b>		<b>75</b>		<b>557</b>	<b>6329</b>	<b>110</b>		<b>5</b>		<b>8</b>	<b>2</b>	<b>3851</b>	<b>2</b>
<b>RAMP A</b>													
15+81.00 16' LT								1					
23+71.00 88' LT										37			
<b>SUBTOTAL</b>								<b>1</b>		<b>37</b>			
<b>RAMP B</b>													
27+12.00 50' LT										42			
28+30.00 128' LT										68			
31+72.00 41' LT								1					1
33+41.73 69.09' LT								1					
35+32.00 LT TO RAMP C 45+50.00 RT							2169						
35+20.31 19.67' LT								1					
35+63.92 65.01' LT								1					
INTERURBAN TRAIL BENEATH BRIDGE OVER UPRR		36											
<b>SUBTOTAL</b>		<b>36</b>					<b>2169</b>	<b>4</b>	<b>110</b>				<b>1</b>

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES -9  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS  
 SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY MH  
 DATE 05/20/2005



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	46
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

REMOVAL SCHEDULE

LOCATION	TREE REMOVAL, ACRES	PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	APPROACH SLAB REMOVAL	BITUMINOUS CONCRETE SHOULDER REMOVAL	PAVED DITCH REMOVAL	PAVEMENT REMOVAL (SPECIAL)	CONCRETE HEADWALL REMOVAL	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 24"	REMOVING INLETS	GUARDRAIL REMOVAL	FILLING EXISTING CULVERTS
	ACRE	SQ YD	FOOT	SQ YD	SQ YD	FOOT	SQ YD	EACH	FOOT	FOOT	EACH	FOOT	EACH
<b>BEGIN STATION / END STATION / OFFSET</b>													
<b>RAMP C</b>													
45+29.19 2.2' LT								1					
45+95.63 58' LT								1					
55+96.00 56+73.00 RT (HAZEL DELL ROAD)		188											
INTERURBAN TRAIL BENEATH BRIDGE OVER UPRR		35											
<b>SUBTOTAL</b>		<b>223</b>						<b>2</b>					
<b>RAMP D</b>													
41+50.00 42+50.00 RT (HAZEL DELL ROAD)		244											
51+00.00 67+20.00 RT (HAZEL DELL ROAD)		3960											
53+62.00 50' RT									42				
<b>SUBTOTAL</b>		<b>4204</b>							<b>42</b>				
<b>RECREATION DRIVE</b>													
126+15.40 35' LT									33				
127+25.00 35+32.00 LT (RAMP B)		6987											
ISLAND @ REC DR/HAZEL DELL ROAD		25											
<b>SUBTOTAL</b>		<b>7012</b>							<b>33</b>				
<b>BORROW AREA</b>													
21+00.00 72' LT									24				
24+44.00 84' LT									72				
24+52.00 112' LT									16				
BORROW AREA ACCESS ROAD		1975											
INTERCHANGE INCLUDING RAMPS AND N END OF BORROW AREA	47.25												
SOUTH END OF BORROW AREA	1.50												
<b>SUBTOTAL</b>	<b>48.75</b>	<b>1975</b>							<b>112</b>				
<b>LINCOLNSHIRE BOULEVARD</b>													
LINCOLNSHIRE BOULEVARD AT INTERURBAN TRAIL	0.50												
<b>SUBTOTAL</b>	<b>0.50</b>												
<b>CENTRE STREET</b>													
10+42.00 10+50.30 LT & RT		240											
CENTRE STREET AT INTERURBAN TRAIL	0.50												
<b>SUBTOTAL</b>	<b>0.50</b>	<b>240</b>											
<b>WEST GRAND AVENUE</b>													
523+80.00 526+40.00 LT & RT		289											
REMOVE FROM ROW LINE TO ROW LINE													
<b>SUBTOTAL</b>		<b>289</b>											
<b>INTERURBAN TRAIL</b>													
INTERURBAN TRAIL REALIGNMENT	1.00												
<b>SUBTOTAL</b>	<b>1.00</b>												
<b>TOTAL</b>	<b>54.75</b>	<b>15330</b>	<b>18</b>	<b>557</b>	<b>6329</b>	<b>110</b>	<b>2169</b>	<b>16</b>	<b>358</b>	<b>158</b>	<b>2</b>	<b>3863</b>	<b>5</b>



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES -10  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY MH  
 DATE 05/20/2005

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	47
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

**SEEDING SCHEDULE**

LOCATION	SEEDING, CLASS 2	SEEDING, CLASS 3	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MOWING	MULCH, METHOD 2	SUPPLEMENTAL WATERING		
	ACRE	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	ACRE	UNIT		
<b>BEGIN STATION</b>												
<b>END STATION</b>												
<b>OFFSET</b>												
<b>MACARTHUR BOULEVARD</b>												
26+50.00	784+00.00	(RAMP A/MAC)		135	135	135	3.0			1.50		
34+00.00	798+08.49	(RAMP C/MAC)		428	428	428	9.5			4.75		
769+60.00	784+00.00		5.00	450	450	450	10.0	5.00		5.00		
784+00.00	44+00.00	(MAC/RAMP B)		653	653	653	14.5			7.25		
798+08.49	48+00.00	(MAC/RAMP D)		135	135	135	3.0			1.50		
<b>PARKING LOT</b>												
798+08.49	809+00.00		0.25	23	23	23	1.5	0.25		0.25		
809+00.00	820+75.00		4.75	563	563	563	12.5			6.25		
820+75.00	820+95.19		0.25	428	428	428	9.5	4.75		4.75		
820+95.19	839+27.20		4.25	23	23	23	0.5	0.25		0.25		
839+27.20	865+50.00		5.25	383	383	383	8.5	4.25		4.25		
865+50.00	877+36.80		2.25	473	473	473	10.5	5.25		5.25		
<b>MEDIAN</b>												
				203	203	203	4.5	2.25		2.25		
				105	105	105	3.5					
<b>SUBTOTAL</b>			<b>22.00</b>	<b>21.25</b>	<b>3998</b>	<b>3998</b>	<b>3998</b>	<b>91.0</b>	<b>22.00</b>	<b>43.25</b>		
<b>RAMP A</b>												
10+00.00	26+50.00	RT		2.00			180	180	180			
<b>SUBTOTAL</b>			<b>2.00</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>4.0</b>	<b>2.00</b>	<b>2.00</b>			
<b>RAMP B</b>												
44+00.00	50+41.36	RT		1.25			113	113	113			
<b>SUBTOTAL</b>			<b>1.25</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>2.5</b>	<b>1.25</b>	<b>1.25</b>			
<b>RAMP C</b>												
30+00.00	34+00.00	RT		0.75			68	68	68			
38+50.00	42+50.00	RT								80.00		
<b>SUBTOTAL</b>			<b>0.75</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>1.5</b>	<b>0.75</b>	<b>0.75</b>	<b>80.00</b>		
<b>RAMP D</b>												
48+00.00	67+51.59	RT		7.00			630	630	630			
<b>SUBTOTAL</b>			<b>7.00</b>	<b>630</b>	<b>630</b>	<b>630</b>	<b>14.0</b>	<b>7.00</b>	<b>7.00</b>			
<b>INFIELD AREA A</b>												
RAMP A INFIELD			5.00	1.25			563	563	563	12.5	5.00	6.25
<b>SUBTOTAL</b>			<b>5.00</b>	<b>1.25</b>	<b>563</b>	<b>563</b>	<b>563</b>	<b>12.5</b>	<b>5.00</b>	<b>6.25</b>		
<b>INFIELD AREA B</b>												
RAMP B INFIELD			7.25	3.25			945	945	945	21.0	7.25	10.50
<b>SUBTOTAL</b>			<b>7.25</b>	<b>3.25</b>	<b>945</b>	<b>945</b>	<b>945</b>	<b>21.0</b>	<b>7.25</b>	<b>10.50</b>		
<b>INFIELD AREA C</b>												
RAMP C INFIELD			1.75	2.25			360	360	360	8.0	1.75	4.00
<b>SUBTOTAL</b>			<b>1.75</b>	<b>2.25</b>	<b>360</b>	<b>360</b>	<b>360</b>	<b>8.0</b>	<b>1.75</b>	<b>4.00</b>		
<b>INFIELD AREA D</b>												
RAMP D INFIELD			3.25	1.75			450	450	450	10.0	3.25	5.00
<b>SUBTOTAL</b>			<b>3.25</b>	<b>1.75</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>10.0</b>	<b>3.25</b>	<b>5.00</b>		
<b>RECREATION DRIVE</b>												
ROADWAY TOTAL			5.00				450	450	450	10.0	5.00	5.00
<b>SUBTOTAL</b>			<b>5.00</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>10.0</b>	<b>5.00</b>	<b>5.00</b>			
<b>BORROW AREA</b>												
400+00.00 407+89.00 STORM SEWER			1.00				90	90	90	2.0	1.00	1.00
AREA TOTAL			3.00				270	270	270	6.0	3.00	3.00
<b>SUBTOTAL</b>			<b>4.00</b>	<b>360</b>	<b>360</b>	<b>360</b>	<b>8.0</b>	<b>4.00</b>	<b>4.00</b>			
<b>LINCOLNSHIRE BOULEVARD</b>												
ROADWAY TOTAL			0.50				45	45	45	1.0	0.50	0.50
<b>SUBTOTAL</b>			<b>0.50</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>1.0</b>	<b>0.50</b>	<b>0.50</b>			
<b>CENTRE STREET</b>												
ROADWAY TOTAL			0.25				23	23	23	0.5	0.25	0.25
<b>SUBTOTAL</b>			<b>0.25</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>0.5</b>	<b>0.25</b>	<b>0.25</b>			
<b>INTERURBAN TRAIL</b>												
ROADWAY TOTAL			1.25				113	113	113	2.5	1.25	1.25
<b>SUBTOTAL</b>			<b>1.25</b>	<b>113</b>	<b>113</b>	<b>113</b>	<b>2.5</b>	<b>1.25</b>	<b>1.25</b>			
<b>PROJECT TOTAL</b>												
CITY SECTION NORTH OF STATION 798+08.49				51.50								
STATE SECTION SOUTH OF STATION 798+08.49				130.50								
<b>SUBTOTAL</b>				<b>182</b>								
<b>TOTAL</b>			<b>61.25</b>	<b>29.75</b>	<b>182</b>	<b>8296</b>	<b>8296</b>	<b>8296</b>	<b>186.5</b>	<b>61.25</b>	<b>91.00</b>	<b>80.00</b>

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES -11  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY MH  
 DATE 05/20/2005







































FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	62
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

# STORM SEWER SCHEDULE - 3

FROM #	INVERT ELEV	TO #	INVERT ELEV	STORM SEWER, CLASS A												TRENCHLESS PIPE INSTALLATION 72"	STORM SEWER JACKED IN PLACE SPECIAL	12" PIPE DRAINS SPECIAL	TRENCH BACKFILL	COMMENTS	
				TYPE 1				TYPE 2				TYPE 3		TY 5	TYPE 6						
				12"	18"	24"	36"	42"	48"	54"	66"	54"	60"	72"	66"						18"
170	592.21	165	591.93											152							
170	592.21	176	592.51											152							
171	601.12	172	600.92		30																
172	600.92	173	600.62		48													31			
173	600.62	174	600.42		12													9			
174	600.42	175	600.12		36													27			
175	600.12	176	599.92		16																
176	592.51	181	592.79							152											
177	603.88	178	603.58	25																	
178	603.58	179	603.38	13																	
179	603.38	180	602.88	25																	
180	602.88	181	594.54	15															END SEWER @ TOP OF SLOPE		
181	592.79	186	593.08							152											
182	600.05	183	599.75		49													20			
183	599.75	184	599.55		1													1			
184	599.55	185	599.25		43													31			
185	599.25	186	599.05		15																
186	593.08	492	593.55							253											
187	600.25	182	600.05		30																
193	602.49	194	602.19	25																	
194	602.19	195	601.99	13																	
195	601.99	196	601.49	25																	
196	601.49	197	595.41	13															END SEWER @ TOP OF SLOPE		
197	593.66	202	593.95							152											
198	602.02	199	601.72	25																	
199	601.72	200	601.52	13																	
200	601.52	201	601.02	25																	
201	601.02	202	595.70	12															END SEWER @ TOP OF SLOPE		
202	593.95	208	594.24							152											
203	598.54	204	598.34		16																
204	598.34	205	598.04		42													17			
205	598.04	206	597.84		12													9			
206	597.84	207	597.54		36													26			
207	597.54	208	595.99		13																
208	594.24	213	594.41							91											
209	601.27	210	600.97	25																	
210	600.97	211	600.77	13																	
211	600.77	212	600.27	25																	
212	600.27	213	595.91	13															END SEWER @ TOP OF SLOPE		
213	594.41	218	594.58							85											
214	601.18	216	601.08	8																	
215	601.18	217	600.08	8																	
216	600.08	363	600.58	25																	
217	600.08	218	596.08	14															END SEWER @ TOP OF SLOPE		
218	594.58	221	594.71							64											
219	601.22	365	600.92	25																	

NOTE:  
 SHADED ITEMS INDICATE DRAINAGE STRUCTURES NOT  
 CONSTRUCTED IN GRADING & STRUCTURES CONTRACT.  
 SHOWN FOR INFORMATION ONLY.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 STORM SEWER SCHEDULE -3  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JWM  
 DATE 12/18/2006



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 DRAWN CLG 04/28/06  
 REVIEWED JWB/JWM 04/28/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	63
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

# STORM SEWER SCHEDULE - 4

FROM #	INVERT ELEV	TO #	INVERT ELEV	STORM SEWER, CLASS A													TRENCHLESS PIPE INSTALLATION 72"	STORM SEWER JACKED IN PLACE SPECIAL	12" PIPE DRAINS SPECIAL	TRENCH BACKFILL	COMMENTS
				TYPE 1				TYPE 2				TYPE 3		TY 5	TYPE 6						
				12"	18"	24"	36"	42"	48"	54"	66"	54"	60"	72"	66"	18"					
220	600.22	221	596.21	15															END SEWER @ TOP OF SLOPE		
221	594.71	225	594.95						124												
222	597.50	223	597.30		27																
223	597.30	367	597.00		30													25			
224	596.50	225	595.95		23																
225	594.95	228	595.19						125												
226	602.06	369	601.76	25																	
227	601.26	228	596.69	25															END SEWER @ TOP OF SLOPE		
228	595.19	231	595.81						324												
229	596.58	371	596.36		28													30			
230	596.01	231	595.81		21																
231	595.81	237	596.03					115													
232	600.00	233	599.80		16																
233	599.80	234	599.00		66													15			
234	599.00	235	598.25		3																
235	596.25	240	596.53						153												
236	601.26	237	597.28	10															END SEWER @ TOP OF SLOPE		
237	596.03	235	596.25						116												
238	600.93	372	600.43	40																	
239	600.13	240	597.78	3																	
240	596.53	244	596.81						153												
241	597.63	242	597.43		17																
242	597.43	373	597.28		24													10			
243	597.03	244	596.81		3																
244	596.81	249	597.00				100														
245	600.35	247	600.25	8																	
246	600.35	248	599.45	8																	
247	600.25	375	599.95	25																	
248	599.45	249	598.00	2															END SEWER @ TOP OF SLOPE		
249	597.00	252	597.28				145														
250	600.86	251	600.06	65																	
251	600.06	252	598.28	7															END SEWER @ TOP OF SLOPE		
252	597.28	255	597.57				155														
253	598.30	254	597.70				65											40			
254	597.70	255	597.57				12														
256	598.73	257	598.43	27														3			
257	598.43	259	597.33	227														65			
258	600.93	259	600.63	29														2			
259	597.33	299	596.83		51																
260	598.00	361	596.44				193														
262	599.92	253	598.30	90																	
263	600.58	253	600.28	31																	
264	595.72	265	594.47	38														11	END SEWER @ 264		
265	594.47	261	594.50				210														
266	627.96	267	614.14															61	END SEWER @ TOP OF SLOPE		
268	614.83	269	600.76															60	END SEWER @ 268		

NOTE:  
 SHADED ITEMS INDICATE DRAINAGE STRUCTURES NOT  
 CONSTRUCTED IN GRADING & STRUCTURES CONTRACT.  
 SHOWN FOR INFORMATION ONLY.

REVISIONS		NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 STORM SEWER SCHEDULE -4  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 12/18/2006

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 CHECKED BY JWM



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 DRAWN CLG 04/28/06  
 REVIEWED JWM/JWM 04/28/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	64
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY-1 * 02-00382-02-PV				

# STORM SEWER SCHEDULE - 5

FROM #	INVERT ELEV	TO #	INVERT ELEV	STORM SEWER, CLASS A												TRENCHLESS PIPE INSTALLATION 72"	STORM SEWER JACKED IN PLACE SPECIAL	12" PIPE DRAINS SPECIAL	TRENCH BACKFILL	COMMENTS
				TYPE 1				TYPE 2				TYPE 3		TY 5	TYPE 6					
				12"	18"	24"	36"	42"	48"	54"	66"	54"	60"	72"	66"					
270	622.16	271	600.33														79	END SEWER @ 270		
272	599.51	273	597.85														51	END SEWER @ 272		
274	621.19	275	610.00														25	END SEWER @ TOP OF SLOPE		
276	626.09	277	610.84														39	END SEWER @ TOP OF SLOPE		
278	625.00	279	610.03														32	END SEWER @ TOP OF SLOPE		
280	625.73	281	616.00														23	END SEWER @ TOP OF SLOPE		
282	638.34	283	618.95														41	END SEWER @ TOP OF SLOPE		
284	616.13	285	600.76														32	END SEWER @ TOP OF SLOPE		
286	638.40	287	618.95														39	END SEWER @ TOP OF SLOPE		
288	619.98	289	614.00														14	END SEWER @ TOP OF SLOPE		
291	594.90	6	590.50			152														
292	588.00	52	582.64										535	348			71			
293	599.87	253	598.30					222									99			
294	598.75	295	599.00					125									152			
299	596.83	229	596.58																	
304	598.88	256	598.73	13	25															
307	628.44	308	613.00														32	END SEWER @ TOP OF SLOPE		
309	630.80	310	612.10														40	END SEWER @ TOP OF SLOPE		
311	627.48	312	617.40														27			
313	629.67	314	617.66														25	END SEWER @ TOP OF SLOPE		
315	597.00	235	596.50	14																
316	597.25	244	597.00	6																
317	598.10	297	598.17				94										14			
317	598.38	323	598.28				60	15												
317	598.38	296	599.23				118													
318	599.54	321	598.43				86													
319	599.70	322	599.38																	
325	618.99	326	610.00														22	END SEWER @ TOP OF SLOPE		
327	619.93	328	608.22														25	END SEWER @ TOP OF SLOPE		
329	618.26	330	606.78														25	END SEWER @ TOP OF SLOPE		
331	620.37	332	606.56														31	END SEWER @ TOP OF SLOPE		
333	621.25	334	608.05														29	END SEWER @ TOP OF SLOPE		
335	625.17	336	610.63														33	END SEWER @ TOP OF SLOPE		
337	625.50	338	610.63														32	END SEWER @ TOP OF SLOPE		
339	630.14	340	612.86														37	END SEWER @ TOP OF SLOPE		
341	629.21	342	613.94														33	END SEWER @ TOP OF SLOPE		
343	627.53	344	615.03														27	END SEWER @ TOP OF SLOPE		
345	621.97	346	600.42														46	END SEWER @ TOP OF SLOPE		
347	626.48	348	600.10														46	END SEWER @ TOP OF SLOPE		
349	627.85	350	615.64														27	END SEWER @ TOP OF SLOPE		
351	629.23	352	615.87														32	END SEWER @ TOP OF SLOPE		
353	630.90	354	599.34														104	END SEWER @ TOP OF SLOPE		
355	631.65	356	616.67														33	END SEWER @ TOP OF SLOPE		
357	630.38	358	616.50														29	END SEWER @ TOP OF SLOPE		
359	619.76	360	614.00														13	END SEWER @ TOP OF SLOPE		
361	596.44	362	595.78			216														

NOTE:  
 SHADED ITEMS INDICATE DRAINAGE STRUCTURES NOT  
 CONSTRUCTED IN GRADING & STRUCTURES CONTRACT.  
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 STORM SEWER SCHEDULE -5  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JWM  
 DATE 12/18/2006



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 DRAWN CLG 04/28/06  
 REVIEWED JWB/JWM 04/28/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	65
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

# STORM SEWER SCHEDULE - 6

FROM #	INVERT ELEV	TO #	INVERT ELEV	STORM SEWER, CLASS A												TRENCHLESS PIPE INSTALLATION 72"	STORM SEWER JACKED IN PLACE SPECIAL	12" PIPE DRAINS SPECIAL	TRENCH BACKFILL	COMMENTS	
				TYPE 1				TYPE 2				TYPE 3		TY 5	TYPE 6						
				12"	18"	24"	36"	42"	48"	54"	66"	54"	60"	72"	66"						18"
362	595.78	399	595.60			76															
363	600.78	364	600.58	13																	
364	600.58	217	600.58	25																	
365	600.92	366	600.72	13																	
366	600.72	220	600.22	25																	
367	597.00	368	596.80		12												11				
368	596.80	224	596.50		30												28				
369	601.76	370	601.56	13																	
370	601.56	227	601.26	25																	
371	596.36	230	596.01		39												44				
372	600.43	239	600.13	25																	
373	597.28	374	597.18		12												8				
374	597.18	243	597.03		24												16				
375	599.95	376	599.75	13																	
376	599.75	248	599.45	25																	
377	629.92	378	624.90														36				
379	629.95	380	628.00														39				
380	628.00	311	627.48	42													1				
381	629.81	382	629.50														18				
383	630.23	384	629.50														52				
385	628.00	386	612.29														83				
387	588.47	324	586.50				380														
388	629.92	389	597.50														42	END SEWER @ TOP OF SLOPE			
390	602.39	143	601.89		36												1				
391	600.93	127	600.43		77												17				
392	598.60	100	598.10		53												1				
393	594.97	80	594.47		65												4				
394	593.50	74	593.00		66												4				
395	609.00	72	584.91																		
396	583.99	395	584.06											10		446					
397	613.00	398	600.00													148					
399	597.60	265	595.30				77										59				
409	###	413	###	x																	
410	###	411	###																		
411	###	412	###																		
412	###	413	###																		
413	599.71	414	597.84	14														END SEWER @ TOP OF SLOPE			
415	###	416	###																		
416	###	417	###																		
417	600.58	418	597.10	10														END SEWER @ TOP OF SLOPE			
418	587.89	414	587.32							301								373			
419	###	420	###																		
420	###	421	###																		
421	601.39	422	590.33	17														END SEWER @ TOP OF SLOPE			
422	588.33	104	588.07								138										
423	###	420	###																		

NOTE:  
 SHADED ITEMS INDICATE DRAINAGE STRUCTURES NOT  
 CONSTRUCTED IN GRADING & STRUCTURES CONTRACT.  
 SHOWN FOR INFORMATION ONLY.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 STORM SEWER SCHEDULE -6  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JWM  
 DATE 12/18/2006



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 DRAWN CLG 04/28/06  
 REVIEWED JWB/JWM 04/28/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	66
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

# STORM SEWER SCHEDULE - 7

FROM #	INVERT ELEV	TO #	INVERT ELEV	STORM SEWER, CLASS A														TRENCHLESS PIPE INSTALLATION 72"	STORM SEWER JACKED IN PLACE SPECIAL	12" PIPE DRAINS SPECIAL	TRENCH BACKFILL	COMMENTS
				TYPE 1				TYPE 2				TYPE 3		TY 5	TYPE 6							
				12"	18"	24"	36"	42"	48"	54"	66"	54"	60"	72"	66"	18"	72"					
424	###	425	###																			
425	###	426	###																			
426	###	427	###																			
427	601.87	428	590.59	18																END SEWER @ TOP OF SLOPE		
428	588.59	422	588.33									137										
429	###	430	###																			
430	###	431	###																			
431	###	432	###																			
432	601.50	433	598.29	16																END SEWER @ TOP OF SLOPE		
433	588.85	428	588.59									135										
434	###	435	###																			
435	###	436	###																			
436	###	437	###																			
437	602.78	438	591.09	19																END SEWER @ TOP OF SLOPE		
438	589.09	433	588.85									122										
439	###	440	###																			
440	###	441	###																			
441	###	442	###																			
442	603.29	443	591.37	19																END SEWER @ TOP OF SLOPE		
443	589.37	438	589.09									142										
444	###	445	###																			
445	###	446	###																			
446	###	447	###																			
447	604.31	448	591.93	19																END SEWER @ TOP OF SLOPE		
448	589.93	132	589.60									166										
449	###	450	###																			
450	###	451	###																			
451	###	452	###																			
452	604.56	453	592.07	19																END SEWER @ TOP OF SLOPE		
453	590.07	448	589.93									68										
454	###	455	###																			
455	###	456	###																			
456	###	457	###																			
457	604.98	458	592.30	20																END SEWER @ TOP OF SLOPE		
458	590.30	453	590.07									117										
469	627.07	470	615.50																	END SEWER @ TOP OF SLOPE		
471	627.31	472	615.50																	END SEWER @ TOP OF SLOPE		
473	617.32	474	598.33																	END SEWER @ TOP OF SLOPE		
475	617.38	476	598.33																	END SEWER @ TOP OF SLOPE		
477	607.45	478	598.25																	END SEWER @ TOP OF SLOPE		
479	608.08	480	598.25																	END SEWER @ TOP OF SLOPE		
468	591.42	153	591.20									112										
482	605.17	483	602.67				30													1		
483	602.67	484	602.37				48													17		
484	602.37	485	602.17				12													8		
485	602.17	486	601.87				36													23		

NOTE:  
 SHADED ITEMS INDICATE DRAINAGE STRUCTURES NOT  
 CONSTRUCTED IN GRADING & STRUCTURES CONTRACT.  
 SHOWN FOR INFORMATION ONLY.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 STORM SEWER SCHEDULE -7  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JWM  
 DATE 12/18/2006



12/18/2006  
 \$FILES  
 LAYOUT CLG 04/28/06  
 DRAWN CLG 04/28/06  
 REVIEWED JWB/JWM 04/28/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	67

STA.		TO STA.	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
184-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV			

# STORM SEWER SCHEDULE - 8

FROM #	INVERT ELEV	TO #	INVERT ELEV	STORM SEWER, CLASS A												TRENCHLESS PIPE INSTALLATION 72"	STORM SEWER JACKED IN PLACE SPECIAL	12" PIPE DRAINS SPECIAL	TRENCH BACKFILL	COMMENTS				
				TYPE 1				TYPE 2				TYPE 3		TY 5	TYPE 6									
				12"	18"	24"	36"	42"	48"	54"	66"	54"	60"	72"	66"						18"	72"		
486	601.87	487	601.57			16																		
487	591.79	488	591.42								177													
488	###	489	###																					
489	###	490	###																					
490	###	491	###																					
491	601.65	492	593.30	13															END SEWER @ TOP OF SLOPE					
492	593.55	493	593.66						50															
493	###	494	###																					
494	598.59	495	597.75	15																				
495	###	496	###																					
496	598.39	497	597.75	7																				
497	597.75	498	597.10		112																			
497	597.75	504	597.00		244																			
498	597.75	503	599.00		222																			
498	597.75	418	597.10		67																			
499	###	500	###																					
500	###	503	###	11																				
501	###	502	###																					
502	###	504	###	17																				
503	599.00	505	599.40		63																			
504	599.00	506	599.40		108																			
				950	2589	856	2167	552	813	911	1198	375	1891	300	496	563	1302	348	148	3696	1763.868			

NOTE:  
 SHADED ITEMS INDICATE DRAINAGE STRUCTURES NOT  
 CONSTRUCTED IN GRADING & STRUCTURES CONTRACT.  
 SHOWN FOR INFORMATION ONLY.



LAYOUT	CLG	04/28/06
DRAWN	CLG	04/28/06
REVIEWED	JWB/JMW	04/28/06

12/18/2006 \$FILES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 STORM SEWER SCHEDULE -8  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.  
 HORIZ.  
 DATE 12/18/2006

DRAWN BY CLG  
 CHECKED BY JMW

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	68
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

# PIPE CULVERT SCHEDULE

ROADWAY	STATION	UPSTREAM INVERT ELEV (FT)	DOWNSTREAM INVERT ELEV (FT)	TYPE 1 RCCP 18" ELLIPTICAL	TYPE 1 RCCP 24"	TYPE 1 RCCP 36"	TYPE 1 RCCP 48"	TYPE 6 RCCP 36"	RCCP 60" (SPECIAL)	TYPE 6 RCCP 72"	TYPE 2 RCCP 72"	PRECAST REINFORCED CONCRETE FLARED END SECTION ELLIPTICAL 18"	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"	PRECAST REINFORCED CONCRETE FLARED END SECTION 36"	PRECAST REINFORCED CONCRETE FLARED END SECTION 48"	PRECAST REINFORCED CONCRETE FLARED END SECTION 60"	PRECAST REINFORCED CONCRETE FLARED END SECTION 72"	MEDIAN INLET STD 604101	GRATING FOR CONCRETE FLARED END SECTION 36"	HEAVY DUTY EXCELSIOR BLANKET	TRENCH BACKFILL
MACARTHUR	786+20.00	597.00	596.00					252	309					2		2				62	48
MACARTHUR	790+20.00	592.00	591.00													2				70	63
MACARTHUR	794+20.00	598.50	598.00			302								2						62	45
MACARTHUR	800+30.00	599.64	599.57			166								2						62	
MACARTHUR	801+14.00	600.18	599.80			164								2						62	
MACARTHUR	815+00.00	598.50	598.50			202								2						62	38
RAMP A	21+40.00	594.00	593.60				116								2					64	57
RAMP B	25+00.00	589.00	587.00							191							2			76	6
RAMP D	52+00.00	597.20	597.00			120								4					4	124	24
REC DR	104+20.00	595.20	595.00			116								4					4	124	22
REC DR	125+25.00	596.50	594.50			60								2					2	62	11
I-72 LT	531+00.00					40								2					2	62	
I-72 LT	592+00.00	596.60	596.56		12								1							24	
I-72 RT	592+00.00	596.11	596.00		12								1							24	
I-72	592+00.00	NOTE 1																1		36	
LINCOLNSHIRE	180+83.00	600.52	600.14	170									2							40	
LINCOLNSHIRE	180+80.00	600.52	600.14	177									2							40	
BORROW AREA OUTLET		580.85	580.85							119								2		76	
ENTRANCE MAC RT	770+31.00	594.92	594.64		44								2							48	
ENTRANCE MAC LT	821+70.50	600.40	600.28	32									2							40	
ENTRANCE REC DR LT	115+00.00	597.33	597.23	46									2							40	
ENTRANCE REC DR RT	115+00.00	597.33	597.23	46									2							40	
ENTRANCE REC DR LT	126+15.40	596.85	596.62	50									2							40	
BIKE PATH	12+13.00	599.65	599.60			26								2					2	62	6
BIKE PATH	34+00.00	600.00	598.36		47								2							48	3
BIKE PATH	42+60.00	598.50	598.50			21								2					2	62	7
BIKE PATH	49+06.00	600.40	600.28	32									2							40	
BIKE PATH	83+05.00	600.20	600.00			55								2						48	3
PARKING LOT ENT.	SOUTH	599.70	599.65	19									2							40	
PARKING LOT ENT.	NORTH	602.10	601.90	28									2							40	
-TOTALS-				600	115	1272	116	252	309	191	119	18	6	28	2	2	4	1	16	1680	332

NOTE 1 -SET ON EXISTING PIPE

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REVIEWED	JWB/JMW	04/28/06

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PIPE CULVERT SCHEDULE  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

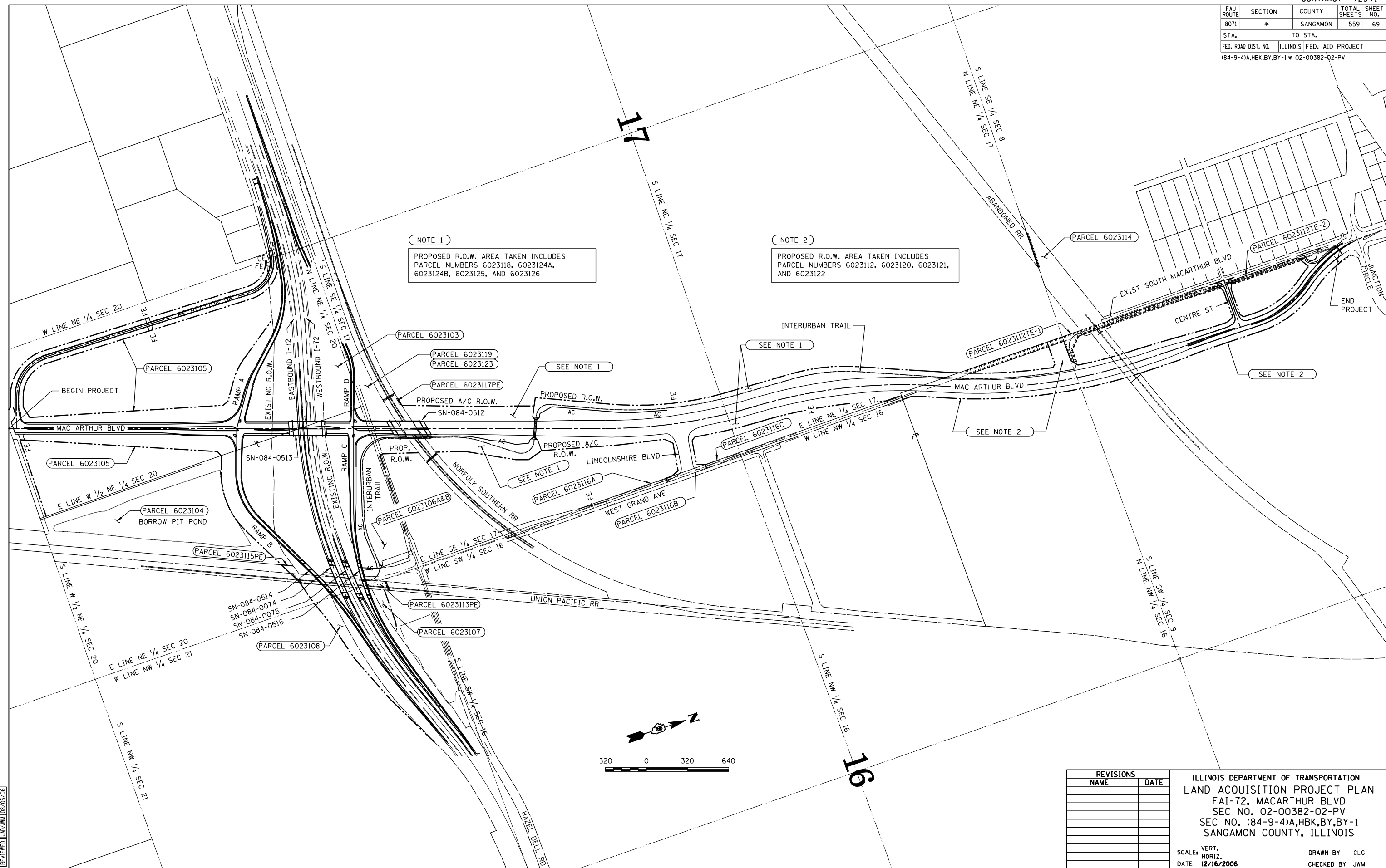
SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JWB  
 DATE 12/18/2006



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	69
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



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DRAWN	CLG	08/05/06
REVIEWED	JWB/JMW	08/05/06

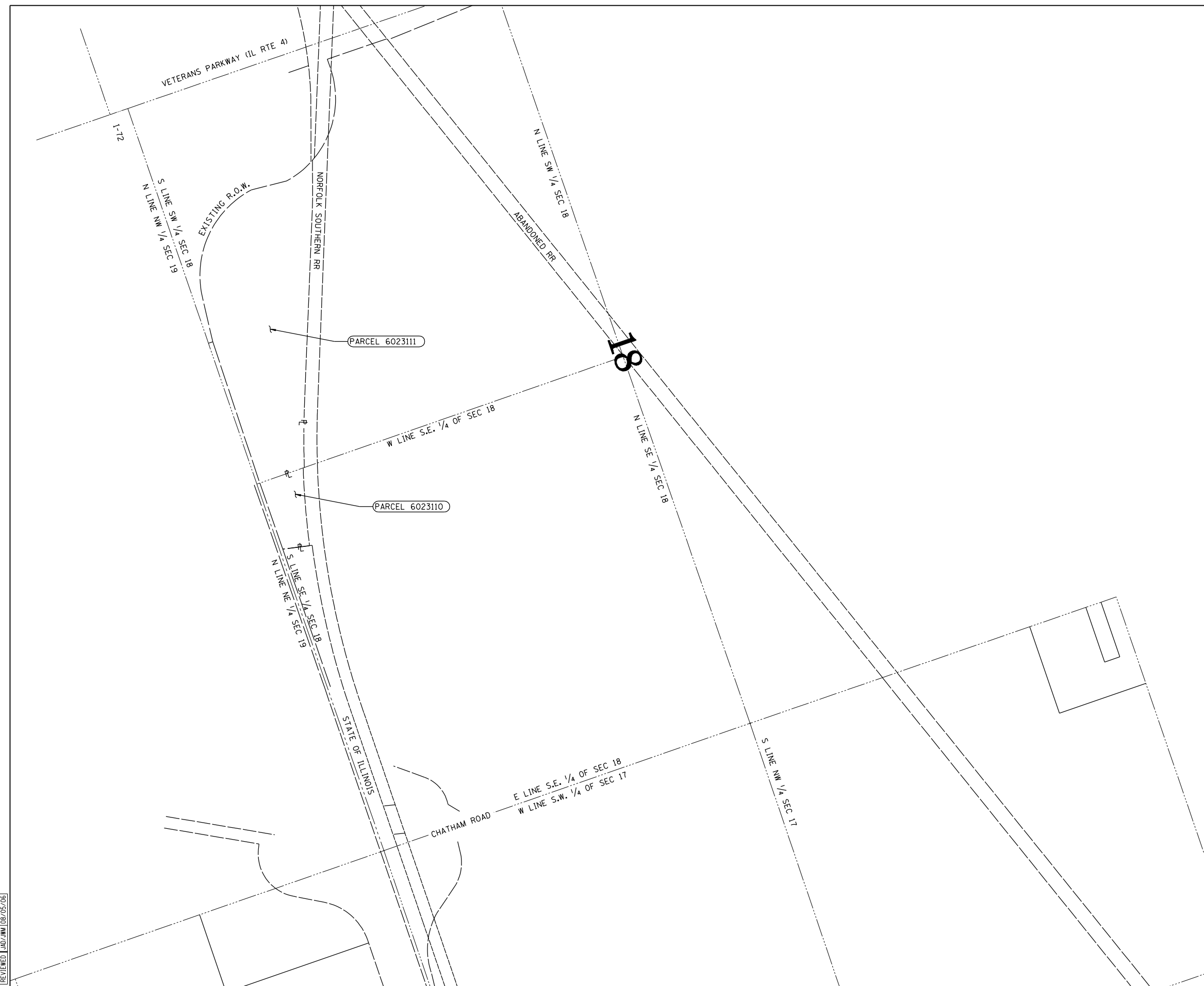
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 LAND ACQUISITION PROJECT PLAN  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. DATE 12/16/2006  
 HORIZ. DRAWN BY CLG  
 CHECKED BY JWB



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	70
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



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LAYOUT	CLG	08/05/06
DRAWN	CLG	08/05/06
REVIEWED	JWB/JWM	08/05/06

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 LAND ACQUISITION PROJECT PLAN-2  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.  
 HORIZ.  
 DATE 12/16/2006

DRAWN BY CLG  
 CHECKED BY JWM

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	71
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

**CURVE WR1**

WR P11 PI STA. = 90+40.62  
 $\Delta = 0^\circ 46' 33''$  (LT)  
 D = 0° 57' 18"  
 R = 6,000.00'  
 T = 40.62'  
 L = 81.24'  
 E = 0.14'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A

WR PC1 P.C. STA. = 90+00.00  
 WR PT1 P.T. STA. = 90+81.24

**CURVE WR2**

WR P12 PI STA. = 91+21.86  
 $\Delta = 0^\circ 46' 33''$  (RT)  
 D = 0° 57' 18"  
 R = 6,000.00'  
 T = 40.62'  
 L = 81.24'  
 E = 0.14'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A

WR PC2 P.C. STA. = 90+81.24  
 WR PT2 P.T. STA. = 91+62.48

**CURVE MAC3**

MAC P13 PI STA. = 696+71.38  
 $\Delta = 9^\circ 51' 27''$  (LT)  
 D = 0° 56' 21"  
 R = 6,100.00'  
 T = 526.04'  
 L = 1,049.48'  
 E = 22.64'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = -----

MAC PC3 P.C. STA. = 691+45.34  
 MAC PT3 P.T. STA. = 701+94.82

**CURVE MAC4**

MAC P14 PI STA. = 706+99.78  
 $\Delta = 9^\circ 27' 51''$  (RT)  
 D = 0° 56' 21"  
 R = 6,100.00'  
 T = 504.96'  
 L = 1,007.62'  
 E = 20.86'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = -----

MAC PC4 P.C. STA. = 701+94.82  
 MAC PT4 P.T. STA. = 712+02.44

**CURVE MAC5**

MAC P15 PI STA. = 721+26.19  
 $\Delta = 25^\circ 44' 59''$  (RT)  
 D = 2° 51' 53"  
 R = 2,000.00'  
 T = 457.14'  
 L = 898.83'  
 E = 51.58'  
 e = 2.90%  
 T.R. = 65'  
 S.E. RUN = -----

MAC PC5 P.C. STA. = 716+69.05  
 MAC PT5 P.T. STA. = 725+67.88

**CURVE MAC6**

MAC P16 PI STA. = 764+98.14  
 $\Delta = 6^\circ 31' 46''$  (LT)  
 D = 1° 25' 57"  
 R = 4,000.00'  
 T = 228.17'  
 L = 455.84'  
 E = 6.50'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A

MAC PC6 P.C. STA. = 762+69.97  
 MAC PT6 P.T. STA. = 767+25.82

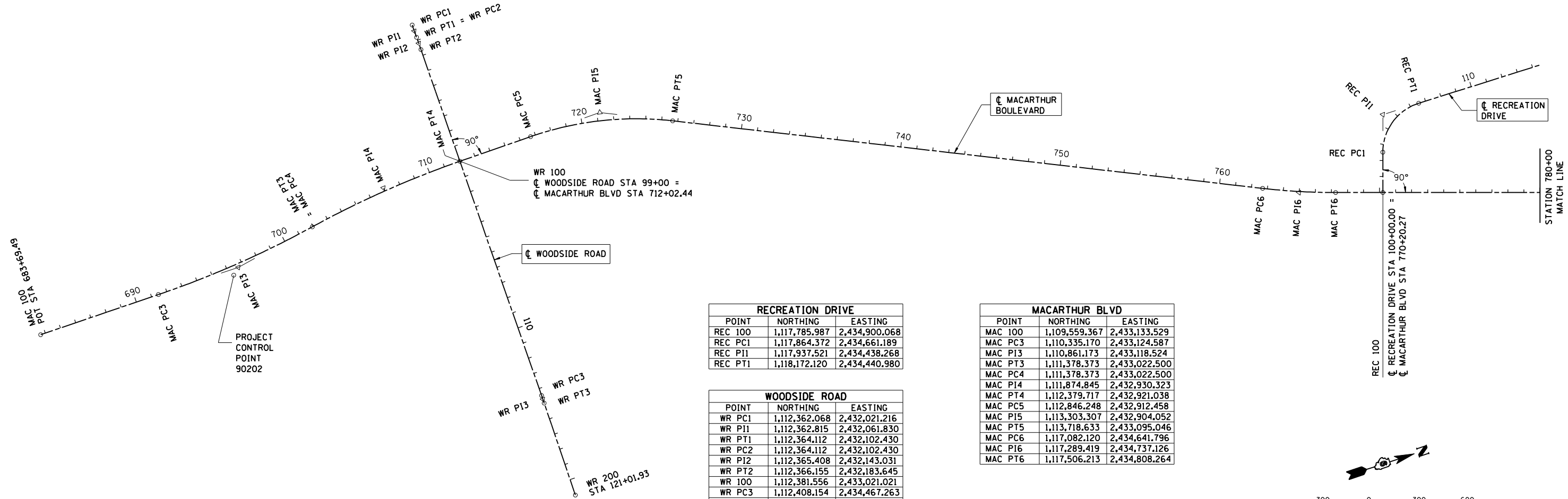
**CURVE REC1**

REC P11 PI STA. = 104+86.03  
 $\Delta = 72^\circ 29' 44''$  (RT)  
 D = 17° 54' 18"  
 R = 320.00'  
 T = 234.61'  
 L = 404.89'  
 E = 76.79'  
 e = 2.00%  
 T.R. = 25'  
 S.E. RUN = 41'

REC PC1 P.C. STA. = 102+51.41  
 REC PT1 P.T. STA. = 106+56.30

**PROJECT CONTROL POINTS**

POINT	NORTHING	EASTING	NOTE:
90202	1,110,818.839	2,433,156.089	SOUTH OF WOODSIDE ROAD AND IRON BRIDGE ROAD
9213	1,129,552.891	2,439,038.813	(NOT SHOWN) LOCATED AT THE NORTH END OF MACARTHUR EXTENSION
THSH-57	1,127,939.422	2,433,827.670	EASTERLY ALONG JUNCTION CIRCLE
9905 (TH-5)	1,119,907.068	2,436,668.101	(NOT SHOWN) LOCATED AT THE NORTH END OF MACARTHUR EXTENSION
			WESTERLY ALONG NORTH STREET
			SHOWN ON THE FOLLOWING SHEET
2150 (BL 150m)	1,120,399.229	2,434,248.671	SHOWN ON THE FOLLOWING SHEET



**RECREATION DRIVE**

POINT	NORTHING	EASTING
REC 100	1,117,785.987	2,434,900.068
REC PC1	1,117,864.372	2,434,661.189
REC P11	1,117,937.521	2,434,438.268
REC PT1	1,118,172.120	2,434,440.980

**WOODSIDE ROAD**

POINT	NORTHING	EASTING
WR PC1	1,112,362.068	2,432,021.216
WR P11	1,112,362.815	2,432,061.830
WR PT1	1,112,364.112	2,432,102.430
WR PC2	1,112,364.112	2,432,102.430
WR P12	1,112,365.408	2,432,143.031
WR PT2	1,112,366.155	2,432,183.645
WR 100	1,112,381.556	2,433,021.021
WR PC3	1,112,408.154	2,434,467.263
WR P13	1,112,408.615	2,434,492.361
WR PT3	1,112,408.867	2,434,517.463
WR 200	1,112,414.932	2,435,122.674

**MACARTHUR BLVD**

POINT	NORTHING	EASTING
MAC 100	1,109,559.367	2,433,133.529
MAC PC3	1,110,335.170	2,433,124.587
MAC P13	1,110,861.173	2,433,118.524
MAC PT3	1,111,378.373	2,433,022.500
MAC PC4	1,111,378.373	2,433,022.500
MAC P14	1,111,874.845	2,432,930.323
MAC PT4	1,112,379.717	2,432,921.038
MAC PC5	1,112,846.248	2,432,912.458
MAC P15	1,113,303.307	2,432,904.052
MAC PT5	1,113,718.633	2,433,095.046
MAC PC6	1,117,082.120	2,434,641.796
MAC P16	1,117,289.419	2,434,737.126
MAC PT6	1,117,506.213	2,434,808.264

**CURVE WR3**

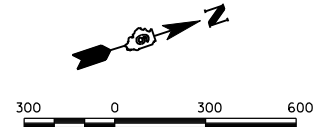
WR P13 PI STA. = 114+71.59  
 $\Delta = 0^\circ 28' 46''$  (RT)  
 D = 0° 57' 18"  
 R = 6,000.00'  
 T = 25.10'  
 L = 50.21'  
 E = 0.05'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A

WR PC3 P.C. STA. = 114+46.49  
 WR PT3 P.T. STA. = 114+96.69

COORDINATES BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM NAD83(97) WEST ZONE

ALL DISTANCES ARE GRID DISTANCES UNLESS OTHERWISE NOTED. COMBINATION FACTOR 0.99993923

ELEVATIONS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)



**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 CENTERLINE GEOMETRICS ROWY -1  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. DATE 12/16/2006  
 HORIZ. DATE 12/16/2006

DRAWN BY CLG  
 CHECKED BY JAD



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	72

STA. TO STA.  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT  
(84-9-4)A,HBK,BY-1 \* 02-00382-02-PV

RAMP A		
POINT	NORTHING	EASTING
RAMPA 1	1,120,174.896	2,433,618.706
RAMPA PC1	1,120,108.129	2,434,415.252
RAMPA PI1	1,120,071.539	2,434,671.318
RAMPA PT1	1,119,885.608	2,434,851.147
RAMPA PC2	1,119,673.516	2,435,056.280
RAMPA PI2	1,119,626.792	2,435,101.470
RAMPA PT2	1,119,591.231	2,435,155.881
RAMPA 100	1,119,410.117	2,435,433.006

CURVE MAC7	
MAC PI7	PI STA. = 821+60.84 Δ = 16° 03' 51" (LT) D = 1° 25' 57" R = 4,000.00' T = 564.44' L = 1,121.48' E = 39.63' e = N/A T.R. = N/A S.E. RUN = N/A
MAC PC7	P.C. STA. = 815+96.39
MAC PT7	P.T. STA. = 827+17.88

CURVE MAC8	
MAC PI8	PI STA. = 835+21.51 Δ = 19° 53' 32" (RT) D = 1° 25' 57" R = 4,000.00' T = 701.43' L = 1,388.74' E = 61.03' e = N/A T.R. = N/A S.E. RUN = N/A
MAC PC8	P.C. STA. = 828+20.08
MAC PT8	P.T. STA. = 842+08.82

CURVE MAC9	
MAC PI9	PI STA. = 850+50.58 Δ = 22° 26' 25" (LT) D = 1° 25' 57" R = 4,000.00' T = 793.48' L = 1,566.62' E = 77.94' e = NA T.R. = NA S.E. RUN = NA
MAC PC9	P.C. STA. = 842+57.10
MAC PT9	P.T. STA. = 858+23.72

CURVE MAC10	
MAC PI10	PI STA. = 870+30.23 Δ = 37° 52' 32" (LT) D = 7° 38' 22" R = 750.00' T = 257.34' L = 495.79' E = 42.92' e = N/A T.R. = N/A S.E. RUN = N/A
MAC PC10	P.C. STA. = 867+72.90
MAC PT10	P.T. STA. = 872+68.69

CURVE MAC11	
MAC PI11	PI STA. = 875+97.57 Δ = 37° 25' 24" (RT) D = 5° 54' 03" R = 971.00' T = 328.89' L = 634.22' E = 54.19' e = N/A T.R. = N/A S.E. RUN = N/A
MAC PC11	P.C. STA. = 872+68.69
MAC PT11	P.T. STA. = 879+02.91

CURVE RAMP_B2	
RAMPB PI2	PI STA. = 35+87.62 Δ = 12° 02' 48" (RT) D = 1° 58' 33" R = 2,900.00' T = 306.00' L = 609.74' E = 16.10' e = 3.80% T.R. = ** S.E. RUN = **
RAMPB PC2	P.C. STA. = 32+81.62
RAMPB PT2	P.T. STA. = 38+91.36

CURVE REC2	
REC PI2	PI STA. = 125+43.08 Δ = 83° 41' 18" (LT) D = 22° 44' 11" R = 252.00' T = 225.66' L = 368.08' E = 86.27' e = 2.00% T.R. = 25'
REC PC2	P.C. STA. = 123+17.42
REC PT2	P.T. STA. = 126+85.50

CURVE REC3 (EXIST.)	
REC PI3	PI STA. = 128+85.61 Δ = 5° 08' 25" (LT) D = 1° 17' 07" R = 4,458.08' T = 200.11' L = 399.96' E = 4.49' e = 2.00% T.R. = N/A S.E. RUN = N/A
REC PC3	P.C. STA. = 126+85.50
REC PT3	P.T. STA. = 130+85.45

CURVE RAMP_A1	
RAMPA PI1	PI STA. = 20+58.67 Δ = 37° 49' 25" (RT) D = 1° 17' 07" R = 755.00' T = 258.67' L = 498.41' E = 43.08' e = 2.00% T.R. = ** S.E. RUN = **
RAMPA PC1	P.C. STA. = 18+00.00
RAMPA PT1	P.T. STA. = 22+98.41

CURVE RAMP_A2	
RAMPA PI2	PI STA. = 26+58.48 Δ = 12° 47' 21" (LT) D = 9° 35' 20" R = 580.00' T = 65.00' L = 129.46' E = 3.63' e = 6.90% T.R. = ** S.E. RUN = **
RAMPA PC2	P.C. STA. = 25+93.47
RAMPA PT2	P.T. STA. = 27+22.94

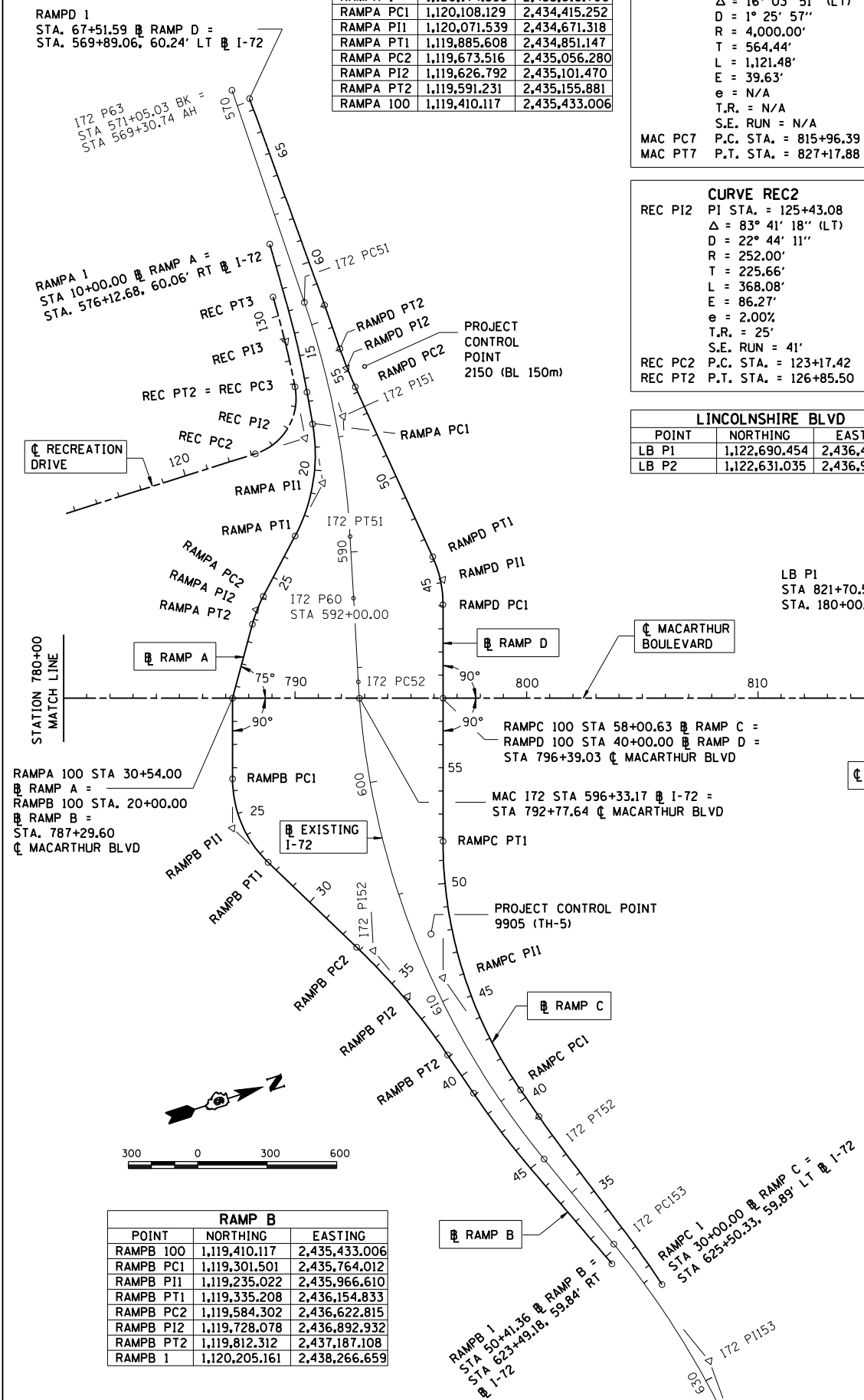
CURVE RAMP_B1	
RAMPB PI1	PI STA. = 25+61.60 Δ = 46° 11' 30" (LT) D = 11° 27' 33" R = 500.00' T = 213.23' L = 403.10' E = 43.57' e = 7.80% T.R. = ** S.E. RUN = **
RAMPB PC1	P.C. STA. = 23+48.37
RAMPB PT1	P.T. STA. = 27+51.47

LINCOLNSHIRE BLVD		
POINT	NORTHING	EASTING
LB P1	1,122,690.454	2,436,466.120
LB P2	1,122,631.035	2,436,912.180

ILES JUNCTION ROAD		
POINT	NORTHING	EASTING
IJR P1	1,124,648.243	2,436,592.858
IJR P2	1,124,606.017	2,436,990.623

WESTCHESTER BLVD		
POINT	NORTHING	EASTING
WB P1	1,125,682.988	2,436,838.503
WB P2	1,125,699.591	2,437,338.227

CENTRE STREET		
POINT	NORTHING	EASTING
CEN P1	1,127,062.390	2,436,722.959
CEN P2	1,127,070.342	2,437,118.497



12/16/2006  
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LAYOUT: CLG 08/05/06  
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REVIEWED: JAD/JMD 08/05/06

RAMP B		
POINT	NORTHING	EASTING
RAMPB 100	1,119,410.117	2,435,433.006
RAMPB PC1	1,119,301.501	2,435,764.012
RAMPB PI1	1,119,235.022	2,435,966.610
RAMPB PT1	1,119,335.208	2,436,154.833
RAMPB PC2	1,119,584.302	2,436,622.815
RAMPB PI2	1,119,728.078	2,436,892.932
RAMPB PT2	1,119,812.312	2,437,187.108
RAMPB 1	1,120,205.161	2,438,266.659

RECREATION DRIVE		
POINT	NORTHING	EASTING
REC PC2	1,119,833.121	2,434,460.179
REC PI2	1,120,058.769	2,434,462.787
REC PT2	1,120,086.169	2,434,238.794
REC PC3	1,120,086.169	2,434,238.794
REC PI3	1,120,110.466	2,434,040.162
REC PT3	1,120,116.870	2,433,840.152

RAMP D		
POINT	NORTHING	EASTING
RAMPD 100	1,120,274.215	2,435,716.549
RAMPD PC1	1,120,400.285	2,435,332.352
RAMPD PI1	1,120,434.103	2,435,229.290
RAMPD PT1	1,120,422.176	2,435,121.479
RAMPD PC2	1,120,333.484	2,434,319.818
RAMPD PI2	1,120,323.743	2,434,231.768
RAMPD PT2	1,120,321.824	2,434,143.201
RAMPD 1	1,120,287.808	2,432,993.708

MACARTHUR BOULEVARD		
POINT	NORTHING	EASTING
MAC I72	1,119,930.839	2,435,603.875
MAC PC7	1,122,134.012	2,436,326.818
MAC PT7	1,122,670.321	2,436,502.801
MAC PC8	1,123,234.385	2,436,523.509
MAC PC9	1,123,336.516	2,436,527.258
MAC PC10	1,124,037.474	2,436,552.992
MAC PC11	1,124,687.853	2,436,815.693
MAC PC12	1,124,732.622	2,436,833.776
MAC PC13	1,125,468.351	2,437,130.952
MAC PC14	1,126,261.806	2,437,124.783
MAC PC15	1,127,210.952	2,437,117.404
MAC PC16	1,127,468.280	2,437,115.404
MAC PC17	1,127,670.172	2,436,955.838
MAC PC18	1,127,670.172	2,436,955.838
MAC PC19	1,127,928.199	2,436,751.907
MAC PC20	1,128,148.367	2,436,754.571
MAC PC21	1,128,257.044	2,436,746.754

EXISTING I-72		
POINT	NORTHING	EASTING
I72 P63	1,120,226.887	2,432,936.102
I72 PC51	1,120,238.333	2,433,904.364
I72 PT51	1,120,244.482	2,434,424.491
I72 PT51	1,120,110.506	2,434,927.105
I72 P60	1,120,041.726	2,435,185.137
I72 PC52	1,119,948.468	2,435,534.996
I72 PI52	1,119,648.752	2,436,659.388
I72 PT52	1,120,068.193	2,437,744.817
I72 PC153	1,120,239.407	2,438,187.884
I72 PT153	1,120,474.533	2,438,796.340
I72 PT153	1,120,495.066	2,439,448.322

RAMP C		
POINT	NORTHING	EASTING
RAMPC 1	1,120,383.010	2,438,418.808
RAMPC PC1	1,120,064.787	2,437,428.924
RAMPC PI1	1,119,897.736	2,436,863.871
RAMPC PT1	1,120,081.447	2,436,304.013
RAMPC 100	1,120,274.215	2,435,716.549

CURVE RAMP_C1	
RAMP C PI1	PI STA. = 46+29.22 Δ = 34° 38' 10" (RT) D = 3° 01' 55" R = 1,889.69' T = 108.47' L = 213.63' E = 11.63' e = 5.23% T.R. = ** S.E. RUN = **
RAMP C PC1	P.C. STA. = 40+40.00
RAMP C PT1	P.T. STA. = 51+82.35

CURVE RAMP_D1	
RAMPD PI1	PI STA. = 45+12.82 Δ = 24° 28' 47" (LT) D = 2° 51' 53" R = 500.00' T = 589.23' L = 213.63' E = 11.63' e = 7.80% T.R. = ** S.E. RUN = **
RAMPD PC1	P.C. STA. = 44+04.35
RAMPD PT1	P.T. STA. = 46+17.98

CURVE RAMP_D2	
RAMPD PI2	PI STA. = 55+13.12 Δ = 5° 04' 21" (RT) D = 2° 51' 53" R = 2,000.00' T = 88.59' L = 177.06' E = 1.96' e = 5.04% T.R. = ** S.E. RUN = **
RAMPD PC2	P.C. STA. = 54+24.53
RAMPD PT2	P.T. STA. = 56+01.59

EXIST. CURVE I72.51	
I72 PI51	PI STA. = 584+19.23 Δ = 15° 36' 11" (RT) D = 1° 30' 33" R = 3,796.57' T = 520.16' L = 1,033.89' E = 35.47' P.C. STA. = 578+99.07 P.T. STA. = 589+32.96

EXIST. CURVE I72.52	
I72 PI52	PI STA. = 607+25.73 Δ = 36° 03' 13" (LT) D = 1° 36' 09" R = 3,575.66' T = 1,163.65' L = 2,250.00' E = 184.58' P.C. STA. = 595+62.07 P.T. STA. = 618+12.07

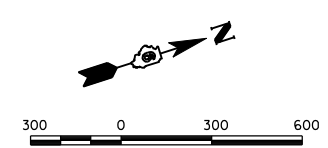
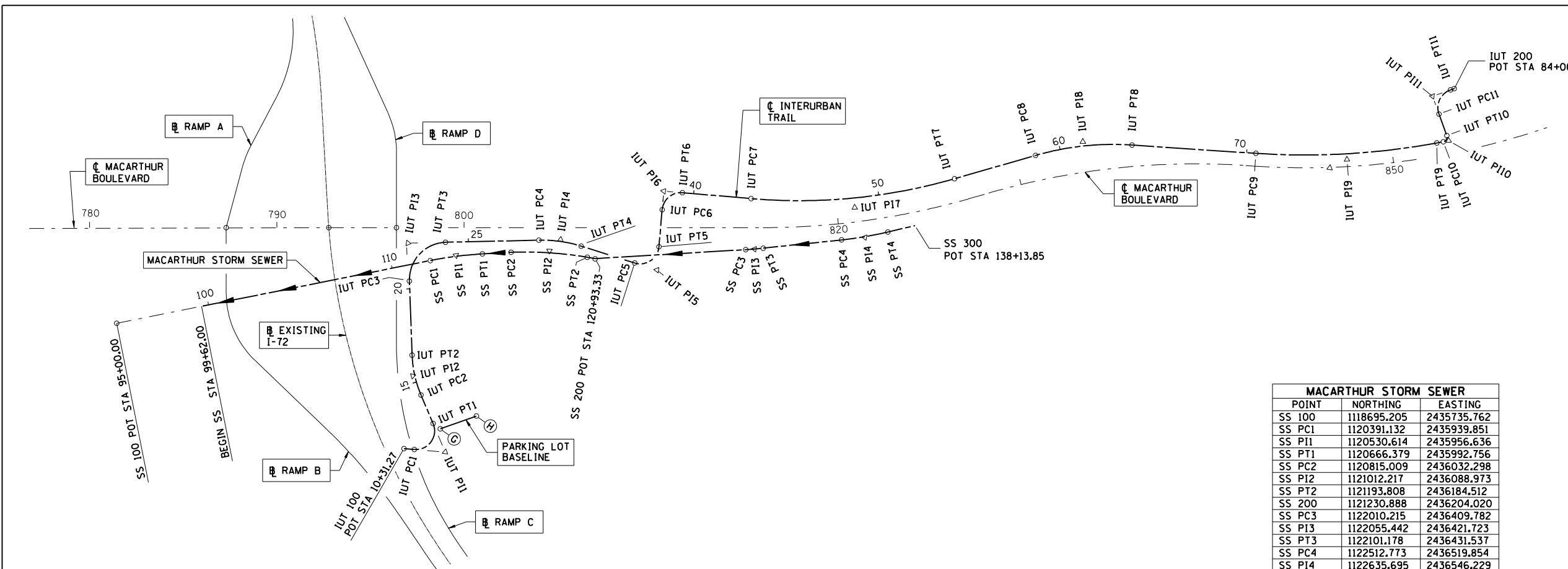
EXIST. CURVE I72.153	
I72 PI153	PI STA. = 629+39.38 Δ = 19° 19' 27" (RT) D = 1° 29' 44" R = 3,831.41' T = 652.31' L = 1,292.22' E = 55.13' P.C. STA. = 622+87.07 P.T. STA. = 635+79.29

\*\* SEE RAMP SUPERELEVATION TRANSITION DETAIL SHEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
CENTERLINE GEOMETRICS RDWY -2  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY-1  
SANGAMON COUNTY, ILLINOIS  
SCALE: VERT. HORIZ.  
DATE: 12/16/2006  
DRAWN BY: CLG  
CHECKED BY: JAD

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	73
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



MACARTHUR STORM SEWER		
POINT	NORTHING	EASTING
SS 100	1118695.205	2435735.762
SS PC1	1120391.132	2435939.851
SS PI1	1120530.614	2435956.636
SS PT1	1120666.379	2435992.756
SS PC2	1120815.009	2436032.298
SS PI2	1121012.217	2436088.973
SS PT2	1121193.808	2436184.512
SS 200	1121230.888	2436204.020
SS PC3	1122010.215	2436409.782
SS PI3	1122055.442	2436421.723
SS PT3	1122101.178	2436431.537
SS PC4	1122512.773	2436519.854
SS PI4	1122635.695	2436546.229
SS PT4	1122760.952	2436557.004
SS 300	1122909.290	2436569.765

INTERURBAN TRAIL		
POINT	NORTHING	EASTING
IUT 100	1119944.742	2436850.155
IUT PC1	1119995.596	2436871.688
IUT PI1	1120148.406	2436936.390
IUT PT1	1120134.221	2436771.054
IUT PC2	1120120.117	2436606.665
IUT PI2	1120110.625	2436496.028
IUT PT2	1120141.357	2436389.322
IUT PC3	1120250.882	2436009.034
IUT PI3	1120307.022	2435814.109
IUT PT3	1120501.134	2435872.999
IUT PC4	1120976.531	2436017.227
IUT PI4	1121087.062	2436050.760
IUT PT4	1121180.960	2436118.026
IUT PC5	1121424.443	2436292.449
IUT PI5	1121525.642	2436364.945
IUT PT5	1121574.616	2436250.497
IUT PC6	1121652.650	2436068.137
IUT PI6	1121691.924	2435976.355
IUT PT6	1121783.772	2436015.474
IUT PC7	1122122.701	2436159.830
IUT PI7	1122633.441	2436377.363
IUT PT7	1123188.203	2436397.730
IUT PC8	1123637.890	2436414.239
IUT PI8	1123900.749	2436423.889
IUT PT8	1124144.641	2436522.402
IUT PC9	1124759.748	2436770.856
IUT PI9	1125212.042	2436953.547
IUT PT9	1125695.379	2437019.363
IUT PC10	1125729.982	2437024.074
IUT PI10	1125759.325	2437028.070
IUT PT10	1125758.342	2436998.473
IUT PC11	1125754.291	2436876.569
IUT PI11	1125750.920	2436775.111
IUT PT11	1125852.417	2436773.265
IUT 200	1125874.006	2436772.872

PROP. CURVE SS 1	
SS PI1	PI STA. = 113+48.65
	Δ = 8° 02' 10" (RT)
	D = 2° 51' 53"
	R = 2,000.00'
	T = 140.49'
	L = 280.52'
	E = 4.93'
SS PC1	P.C. STA. = 112+08.16
SS PT1	P.T. STA. = 114+88.68

PROP. CURVE SS 2	
SS PI2	PI STA. = 118+47.67
	Δ = 11° 42' 56" (RT)
	D = 2° 51' 53"
	R = 2,000.00'
	T = 205.19'
	L = 408.95'
	E = 10.50'
SS PC2	P.C. STA. = 116+42.48
SS PT2	P.T. STA. = 120+51.43

PROP. CURVE SS 3	
SS PI3	PI STA. = 129+46.14
	Δ = 2° 40' 47" (LT)
	D = 2° 51' 53"
	R = 2,000.00'
	T = 46.78'
	L = 93.54'
	E = 0.55'
SS PC3	P.C. STA. = 128+99.36
SS PT3	P.T. STA. = 129+92.90

PROP. CURVE SS 4	
SS PI4	PI STA. = 135+39.58
	Δ = 7° 11' 37" (LT)
	D = 2° 51' 53"
	R = 2,000.00'
	T = 125.72'
	L = 251.11'
	E = 3.95'
SS PC4	P.C. STA. = 134+13.86
SS PT4	P.T. STA. = 136+64.97

PROP. CURVE IUT-1	
IUT PI1	PI STA. = 12+52.44
	Δ = 117° 51' 09" (LT)
	D = 57° 17' 45"
	R = 100.00'
	T = 165.94'
	L = 205.69'
	E = 93.75'
IUT PC1	P.C. STA. = 10+86.50
IUT PT1	P.T. STA. = 12+92.19

PROP. CURVE IUT-2	
IUT PI2	PI STA. = 15+68.22
	Δ = 20° 58' 14" (RT)
	D = 9° 32' 57"
	R = 600.00'
	T = 111.04'
	L = 219.60'
	E = 10.19'
IUT PC2	P.C. STA. = 14+57.18
IUT PT2	P.T. STA. = 16+76.78

PROP. CURVE IUT-3	
IUT PI3	PI STA. = 22+75.38
	Δ = 90° 48' 37" (RT)
	D = 28° 38' 52"
	R = 200.00'
	T = 202.85'
	L = 316.99'
	E = 84.86'
IUT PC3	P.C. STA. = 20+72.53
IUT PT3	P.T. STA. = 23+89.51

PROP. CURVE IUT-4	
IUT PI4	PI STA. = 30+01.81
	Δ = 18° 44' 23" (RT)
	D = 8° 11' 06"
	R = 700.00'
	T = 115.51'
	L = 228.95'
	E = 9.47'
IUT PC4	P.C. STA. = 28+86.31
IUT PT4	P.T. STA. = 31+15.26

PROP. CURVE IUT-5	
IUT PI5	PI STA. = 35+39.26
	Δ = 102° 27' 00" (LT)
	D = 57° 17' 45"
	R = 100.00'
	T = 124.49'
	L = 178.81'
	E = 59.68'
IUT PC5	P.C. STA. = 34+14.77
IUT PT5	P.T. STA. = 35+93.58

PROP. CURVE IUT-6	
IUT PI6	PI STA. = 38+91.76
	Δ = 89° 54' 12" (RT)
	D = 57° 17' 45"
	R = 100.00'
	T = 99.83'
	L = 156.91'
	E = 41.30'
IUT PC6	P.C. STA. = 37+91.93
IUT PT6	P.T. STA. = 39+48.84

PROP. CURVE IUT-7	
IUT PI7	PI STA. = 48+72.37
	Δ = 20° 58' 03" (LT)
	D = 1° 54' 35"
	R = 3,000.00'
	T = 555.14'
	L = 1,097.85'
	E = 50.93'
IUT PC7	P.C. STA. = 43+17.23
IUT PT7	P.T. STA. = 54+15.09

PROP. CURVE IUT-8	
IUT PI8	PI STA. = 61+28.11
	Δ = 19° 53' 32" (RT)
	D = 3° 49' 11"
	R = 1,500.00'
	T = 263.04'
	L = 520.78'
	E = 22.89'
IUT PC8	P.C. STA. = 58+65.08
IUT PT8	P.T. STA. = 63+85.86

PROP. CURVE IUT-9	
IUT PI9	PI STA. = 75+37.04
	Δ = 14° 14' 26" (LT)
	D = 1° 28' 02"
	R = 3,905.00'
	T = 487.80'
	L = 970.57'
	E = 30.35'
IUT PC9	P.C. STA. = 70+49.24
IUT PT9	P.T. STA. = 80+19.81

PROP. CURVE IUT-10	
IUT PI10	PI STA. = 80+84.35
	Δ = 99° 39' 26" (LT)
	D = 229° 10' 59"
	R = 25.00'
	T = 29.61'
	L = 43.48'
	E = 13.76'
IUT PC10	P.C. STA. = 80+54.73
IUT PT10	P.T. STA. = 80+98.22

PROP. CURVE IUT-11	
IUT PI11	PI STA. = 83+21.70
	Δ = 90° 51' 40" (RT)
	D = 57° 17' 45"
	R = 100.00'
	T = 101.51'
	L = 158.58'
	E = 42.50'
IUT PC11	P.C. STA. = 82+20.19
IUT PT11	P.T. STA. = 83+78.77

PARKING LOT		
POINT	NORTHING	EASTING
G	1120161.498	2436809.815
H	1120366.451	2436805.423

REVISIONS	
NAME	DATE

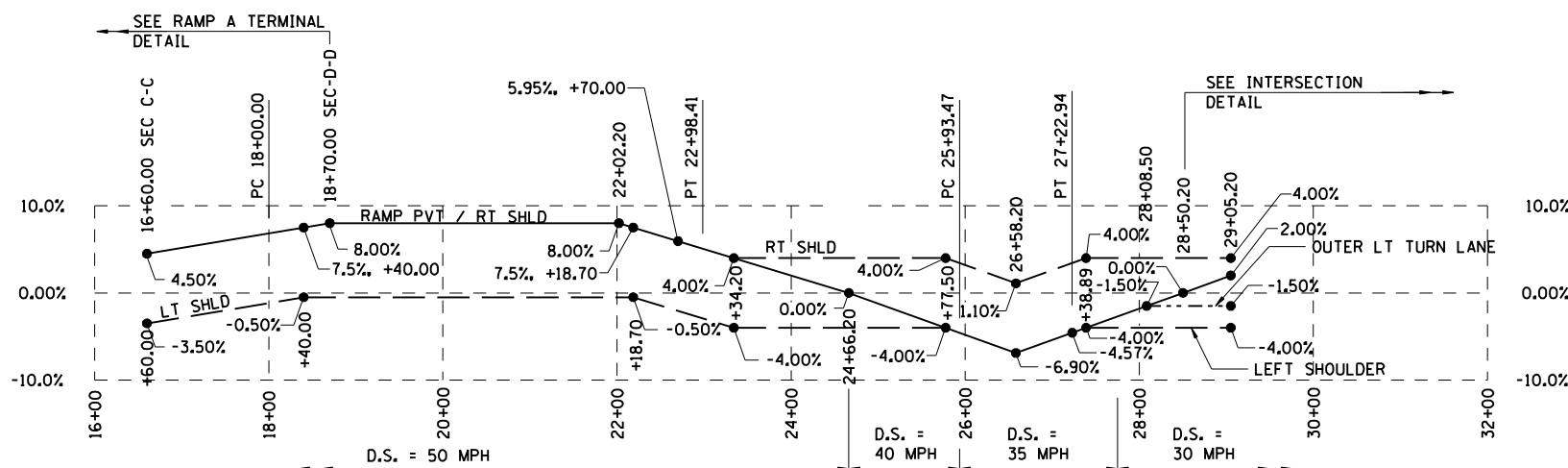
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 CENTERLINE GEOMETRICS MISC.  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. 1"=40'  
 HORIZ. 1"=40'  
 DATE: 12/16/2006

DRAWN BY: CLG  
 CHECKED BY: SKM

12/16/2006 \$FILES  
 LAYOUT: CLG 08/05/06  
 DRAWN: CLG 08/05/06  
 REVIEWED: JMD/JMD 08/05/06  
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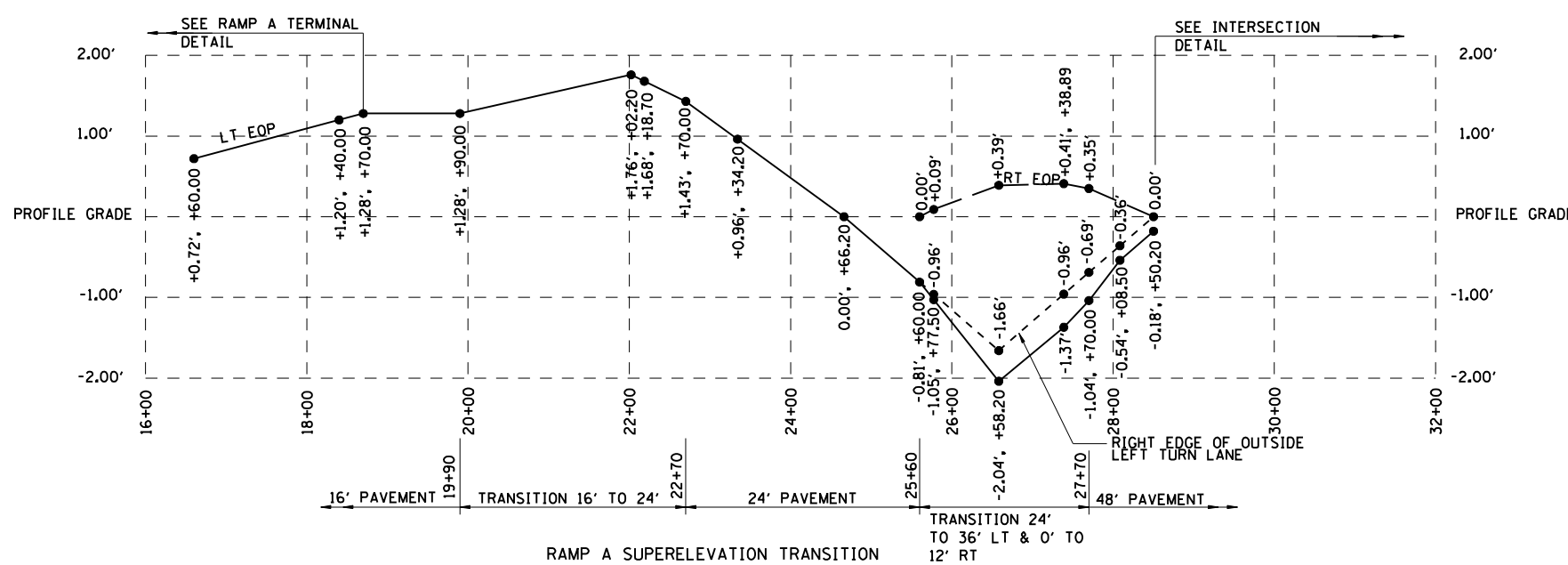
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	74
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
184-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



NOTE:  
ELEVATIONS SHOWN ARE TOP OF PAVEMENT OR SHOULDER

RAMP A SUPERELEVATION TRANSITION

STATION	PROFILE GRADE	LT EOP	RT EOP	LT EDGE OF AGG SHLD	RT EDGE OF AGG SHLD	RIGHT EDGE OF OUTSIDE LEFT TURN LANE
16+60.00	601.23	601.95		601.74	600.87	
18+40.00	600.99	602.19		602.16	600.39	
18+70.00	600.92	602.20		602.17	600.28	
19+90.00	601.17	602.45		602.42	600.53	
22+02.20	604.62	606.38		606.35	603.98	
22+18.70	605.05	606.73		606.70	604.45	
22+70.00	606.53	607.96		607.83	606.05	
23+34.20	608.70	609.66		609.42	608.38	
24+66.20	613.91	613.91		613.67	613.59	
25+60.00	617.67	616.86	617.67	616.62	617.35	616.86
25+77.50	618.37	617.32	618.46	617.08	618.14	617.41
26+58.20	621.46	619.42	621.85	619.01	621.76	619.80
27+38.89	624.05	622.68	624.46	622.50	624.20	623.09
27+70.00	624.91	623.87	625.26	623.69	625.00	624.22
28+08.50	625.87	625.33	626.05	625.15	625.79	625.51
28+50.20	626.77	626.59	626.77	626.41	626.51	626.77



RAMP A SUPERELEVATION TRANSITION



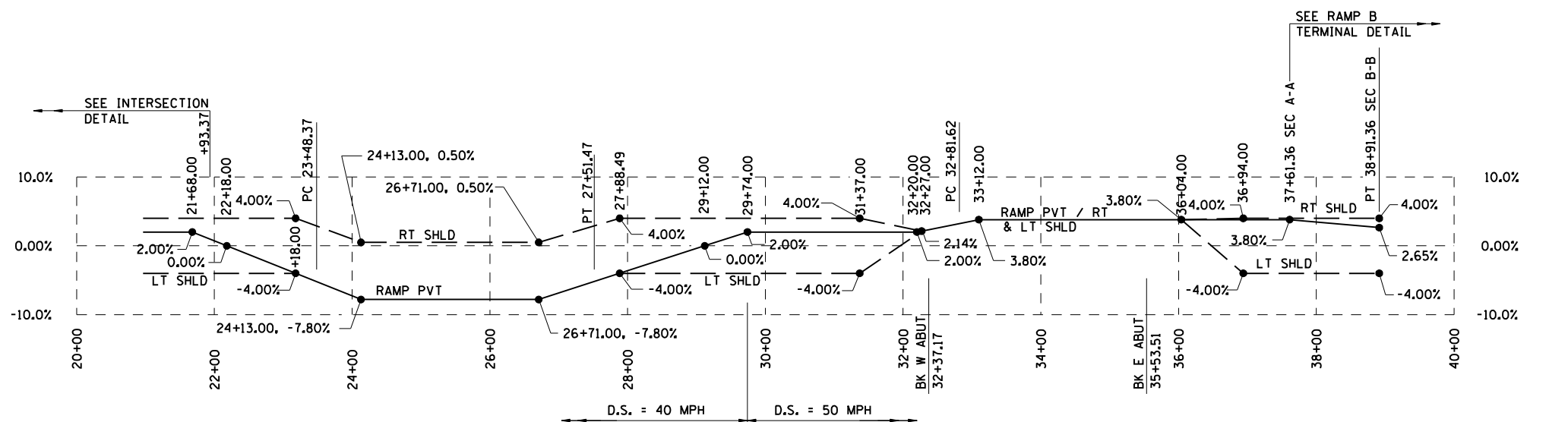
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 REVIEWED JMD/JMD 04/28/06

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 RAMP A SUPERELEVATION  
 TRANSITION DETAIL  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY SKM  
 DATE 12/16/2006

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	75
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
184-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

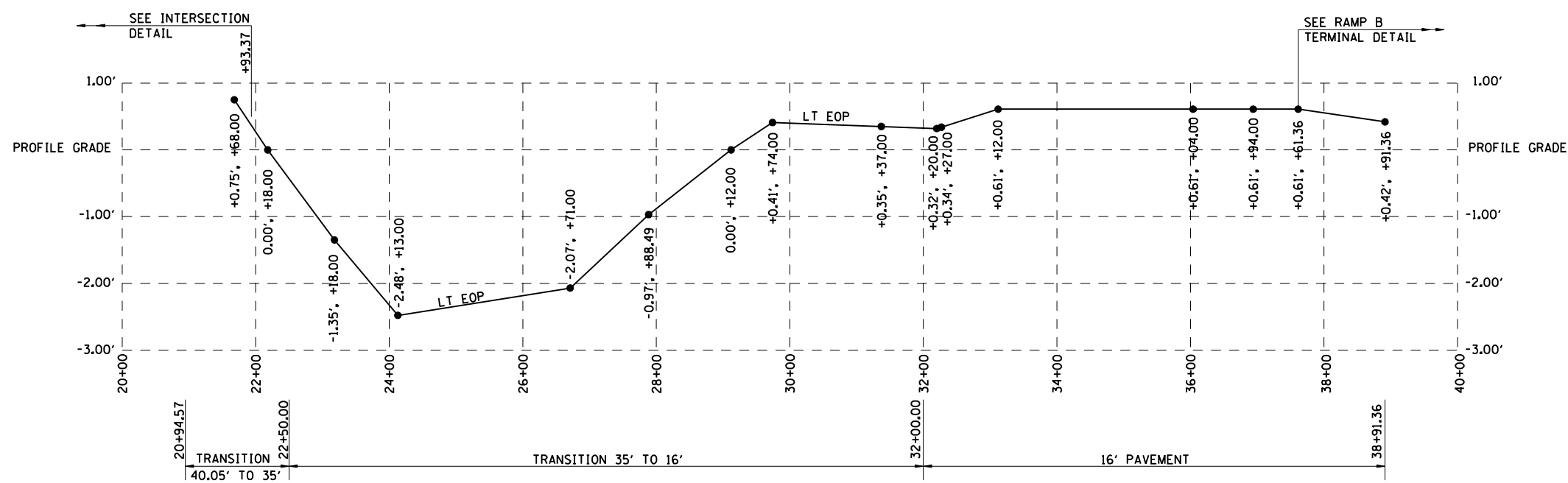


NOTE:  
ELEVATIONS SHOWN ARE TOP OF PAVEMENT OR SHOULDER

RAMP B SUPERELEVATION TRANSITION

STATION	PROFILE GRADE	LT EOP	LT EDGE OF AGG SHLD	RT EDGE OF AGG SHLD
21+68.00	627.24	627.99	627.81	626.98
22+18.00	626.24	626.24	626.06	625.98
23+18.00	624.42	623.07	622.89	624.16
24+13.00	623.40	620.92	620.57	623.37
26+71.00	624.21	622.14	621.79	624.18
27+88.49	625.59	624.62	624.44	625.33
29+12.00	627.05	627.05	626.87	626.79
29+74.00	627.78	628.19	628.01	627.52
31+37.00	629.70	630.05	629.87	629.44
32+20.00	630.68	*	*	*
32+27.00	630.76	*	*	*
33+12.00	631.77	*	*	*
36+04.00	632.93	633.54	633.77	632.68
36+94.00	632.66	633.27	633.03	632.40
37+61.36	632.46	633.07	632.83	632.20
38+91.36	631.88	632.30	632.06	631.62

\* SEE BRIDGE PLANS



RAMP B SUPERELEVATION TRANSITION



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DRAWN CLG 04/28/06  
REVIEWED JMD/JMD 04/28/06

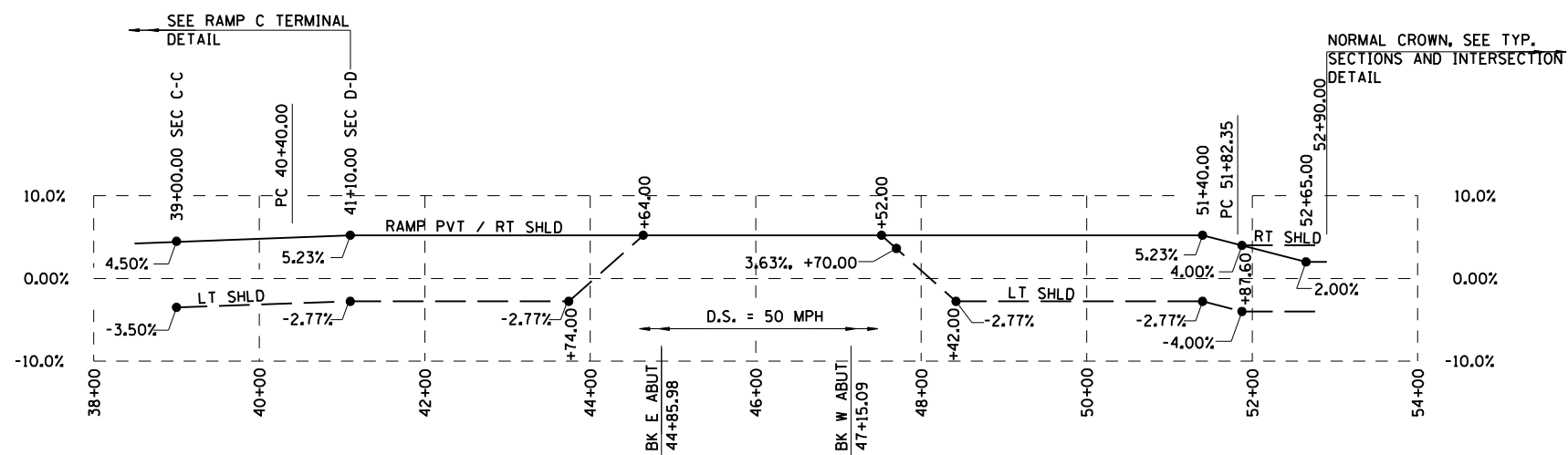
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
RAMP B SUPERELEVATION  
TRANSITION DETAIL  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
          HORIZ.      CHECKED BY SKM  
DATE 12/16/2006



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	76
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

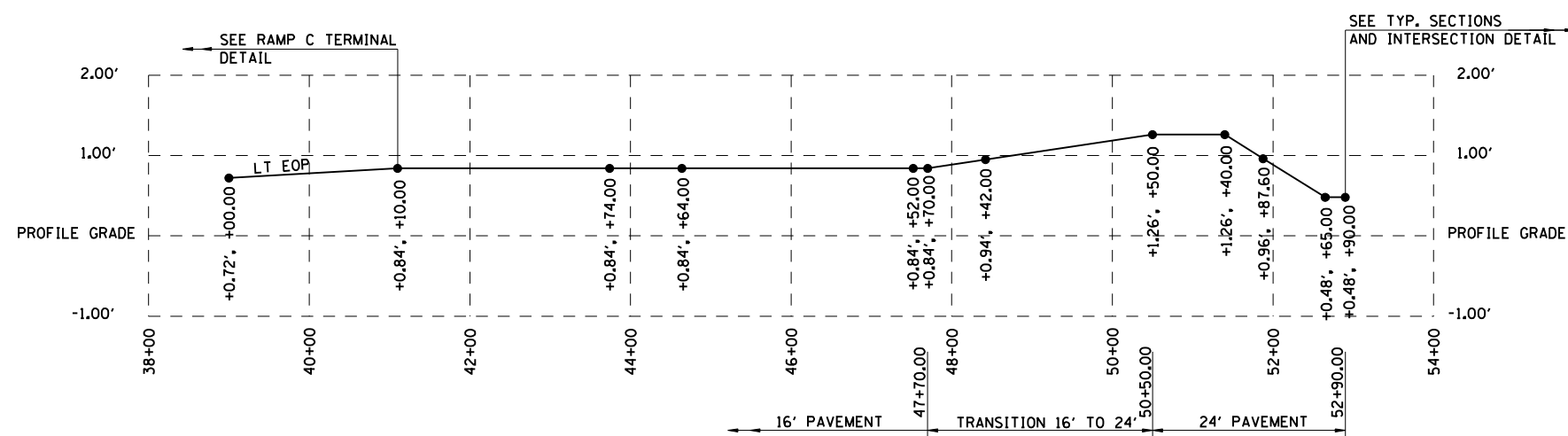


NOTE:  
ELEVATIONS SHOWN ARE TOP OF PAVEMENT OR SHOULDER

RAMP C SUPERELEVATION TRANSITION

STATION	PROFILE GRADE	LT EOP	LT EDGE OF AGG SHLD	RT EDGE OF AGG SHLD
39+00.00	625.25	625.97	625.81	624.96
41+10.00	628.43	629.27	629.15	628.09
43+74.00	631.21	632.05	631.93	630.87
44+64.00	631.99	*	*	*
47+52.00	631.83	632.67	632.91	631.49
47+70.00	631.69	632.53	632.69	631.35
48+42.00	631.00	631.94	631.82	630.66
50+50.00	630.33	631.59	631.47	629.99
51+40.00	630.77	632.03	631.91	630.43
51+87.60	631.18	632.14	631.96	630.92
52+65.00	632.10	632.58	632.40	631.84
52+90.00	632.47	632.95	632.77	632.21

\* SEE BRIDGE PLANS



RAMP C SUPERELEVATION TRANSITION



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LAYOUT	CLG	04/28/06
DRAWN	CLG	04/28/06
REVIEWED	JMD/JMM	04/28/06

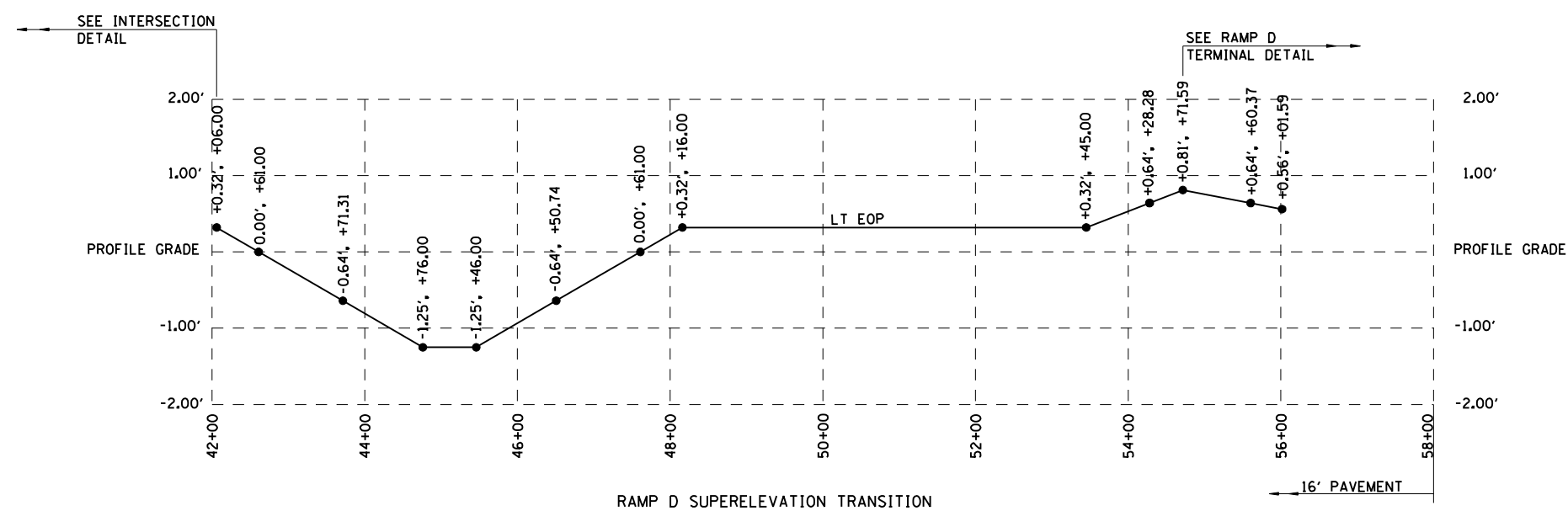
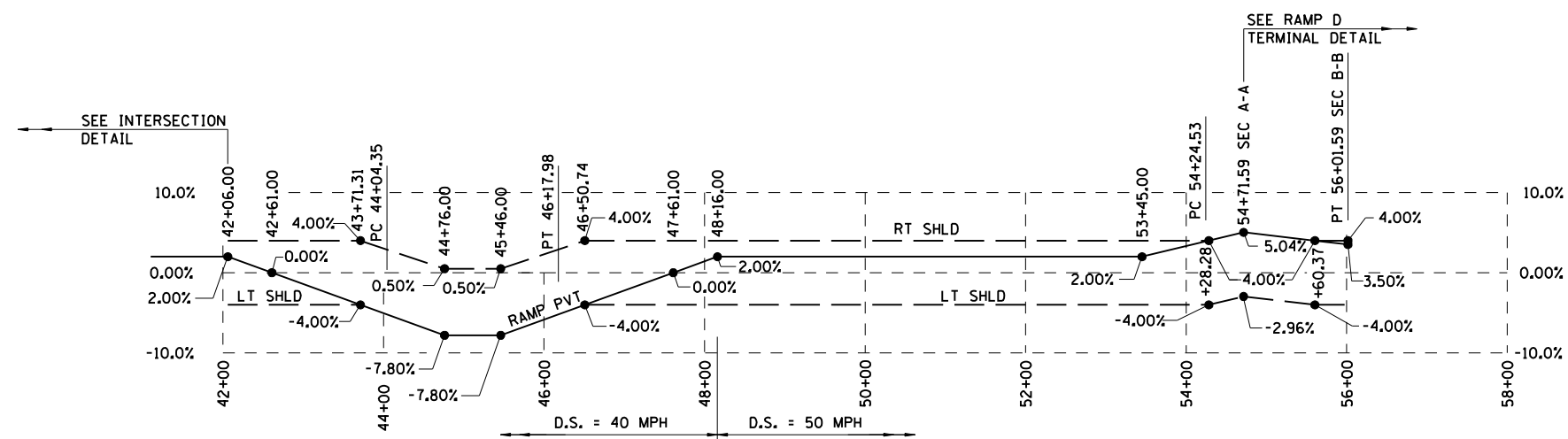
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
RAMP C SUPERELEVATION  
TRANSITION DETAIL  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
HORIZ.              CHECKED BY SKM  
DATE 12/16/2006

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	77
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



NOTE:  
ELEVATIONS SHOWN ARE TOP OF PAVEMENT OR SHOULDER

RAMP D SUPERELEVATION TRANSITION

STATION	PROFILE GRADE	LT EOP	LT EDGE OF AGG SHLD	RT EDGE OF AGG SHLD
42+06.00	638.37	638.69	638.51	638.11
42+61.00	637.23	637.23	637.05	636.97
43+71.31	634.38	633.74	633.56	634.12
44+76.00	630.95	629.70	629.35	630.92
45+46.00	628.27	627.02	626.67	628.24
46+50.74	624.16	623.52	623.34	623.90
47+61.00	619.82	619.82	619.64	619.56
48+16.00	617.66	617.98	617.80	617.40
53+45.00	602.71	603.03	602.85	602.45
54+28.28	602.32	602.96	602.72	602.00
54+71.59	602.34	603.15	602.97	601.94
55+60.37	602.54	603.18	602.94	602.22
56+01.59	602.63	603.19	*	602.31

\* SEE RAMP D TERMINAL DETAIL



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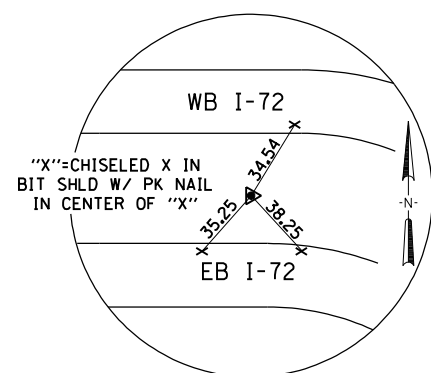
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DRAWN	CLG	04/28/06
REVIEWED	JMD/JMW	07/28/06

REVISIONS	
NAME	DATE

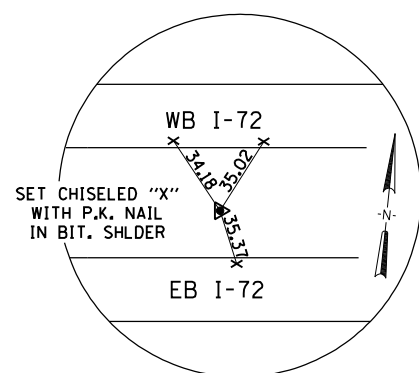
ILLINOIS DEPARTMENT OF TRANSPORTATION  
RAMP D SUPERELEVATION  
TRANSITION DETAIL  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
          HORIZ.      CHECKED BY SKM  
DATE 12/16/2006

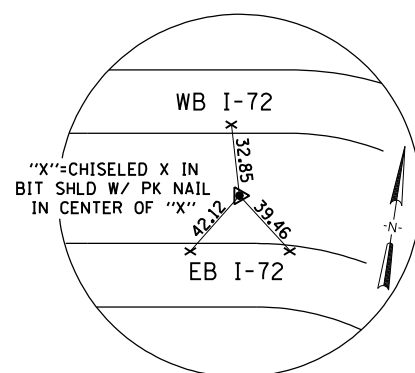
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8071	*	SANGAMON	559	78
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



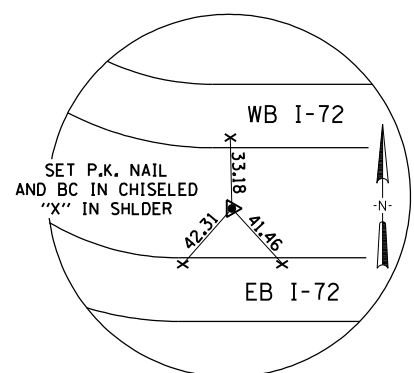
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541+05.03 BK =  
596+30.74 AH



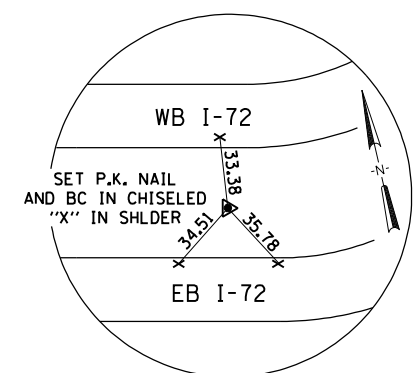
P.O.T. STA. 543+73.76  
SET #4 REBAR  
WITH IDOT CAP



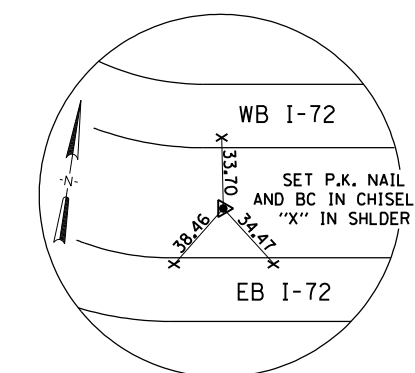
P.C. STA. 578+99.07  
SET #4 REBAR  
WITH IDOT CAP



P.T. STA. 589+32.96  
SET #4 REBAR  
WITH IDOT CAP



P.C. STA. 595+62.07  
SET #4 REBAR  
WITH IDOT CAP



P.T. STA. 618+12.07  
SET #4 REBAR  
WITH IDOT CAP

**BENCHMARKS**

IDOT BM 15: CHISELED SQUARE AT THE SOUTHEAST QUADRANT OF THE INTERSECTION OF WEST GRAND AVENUE AND HAZEL DELL ROAD. BENCHMARK IS LOCATED 33 FEET SOUTH OF THE CENTERLINE OF HAZEL DELL ROAD ON A HEADWALL OF A CONCRETE PIPE CULVERT. NAVD88 EL. 602.47  
NORTHING 1,120,384.63 EASTING 2,437,006.15  
RAMP C STA 44+40.4, 393.1' RT

IDOT BM 80: CHISELED CROSS ON THE CENTER BOLT OF THE EAST LEG OF AN IRON SIGN TRUSS OVER THE EAST BOUND LANE OF INTERSTATE 72. BENCHMARK IS LOCATED 1.62 MILES EAST OF IL ROUTE 4. NAVD88 EL. 601.28  
NORTHING 1,120,179.07 EASTING 2,434,606.61  
I-72 STA 586+05.0, 2.2' RT

IDOT BM 91: FOUND RAILROAD SPIKE IN WEST FACE OF POWER POLE ALONG EAST SIDE OF WEST GRAND AVENUE AT CENTRE STREET INTERSECTION. NAVD88 EL. 602.94  
NORTHING 1,127,049.51 EASTING 2,436,741.98  
CENTRE ST STA 10+18.8, 13.3' RT

IDOT BM 92: A RAILROAD SPIKE IN WEST FACE OF POWER POLE ON WEST SIDE OF BIKE PATH 2ND POLE SOUTH OF OLD RAILROAD BRIDGE, 1 MILE NORTH FROM HAZEL DELL ROAD AND WEST GRAND AVENUE INTERSECTION. NAVD88 EL. 607.81  
NORTHING 1,125,733.20 EASTING 2,436,760.70  
MAC ARTHUR STA 852+48.7, 330.3' LT

IDOT BM 93: A RAILROAD SPIKE ON EAST FACE OF POWER POLE ON WEST SIDE OF BIKE PATH ±0.9 MILES NORTH OF INTERSECTION HAZEL DELL ROAD AND WEST GRAND AVENUE. NAVD88 EL. 607.14  
NORTHING 1,125,284.80 EASTING 2,436,775.20  
MAC ARTHUR STA 847+78.4, 229.1' LT

IDOT BM 111: FOUND RAILROAD SPIKE IN WEST FACE OF POWER POLE ON WEST SIDE OF BIKE PATH AND EAST SIDE OF WEST GRAND AVENUE. FIRST POLE NORTH OF OLD RAILROAD BRIDGE. NAVD88 EL. 605.68  
NORTHING 1,126,176.80 EASTING 2,436,752.80  
MAC ARTHUR STA 857+33.2, 371.7' LT

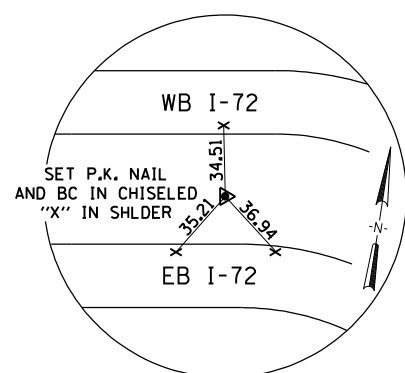
IDOT BM 374: RAILROAD SPIKE IN POWER POLE WEST OF A BIKE PATH AND SOUTHEAST OF RECREATION DRIVE. BENCHMARK IS LOCATED 0.81 MILE SOUTH OF THE INTERSECTION OF WEST GRAND AVENUE AND HAZEL DELL ROAD. NAVD88 EL. 604.61  
NORTHING 1,117,229.60 EASTING 2,435,645.80  
MAC ARTHUR STA 792+02.6, 1025.0 LT

IDOT BM 0150: DISK IN MONUMENT VAULT ON SURVEY CALIBRATION BASELINE. BENCHMARK IS LOCATED 13 FEET NORTH OF THE CENTERLINE OF HAZEL DELL ROAD AND 0.5 MILE WEST OF THE INTERSECTION HAZEL DELL ROAD AND WEST GRAND AVENUE. NAVD88 EL. 600.47  
NORTHING 1,120,399.229 EASTING 2,434,248.671  
RAMP D STA 54+90.4, 72.1 RT

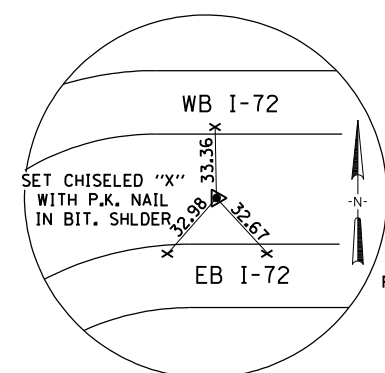
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SURVEY TIES & BENCHMARKS  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

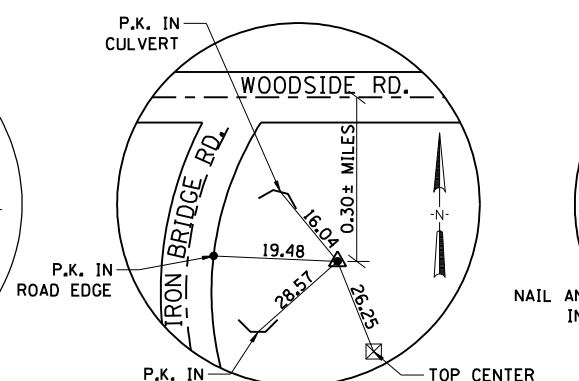
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DRAWN BY JAP  
CHECKED BY GCR



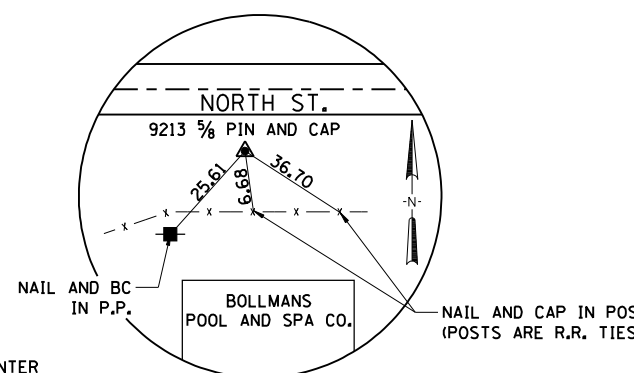
P.C. STA. 622+87.07  
SET #4 REBAR  
WITH IDOT CAP



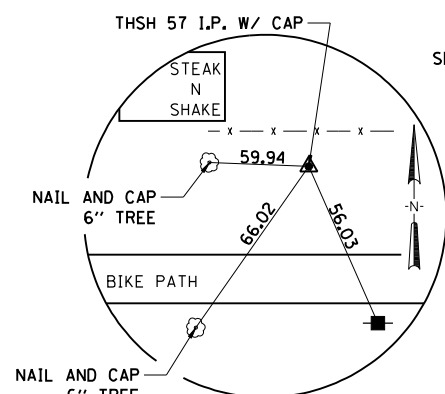
P.T. STA. 635+79.29 BK =  
P.O.T. STA. 634+03.49 AH  
SET #4 REBAR  
WITH IDOT CAP



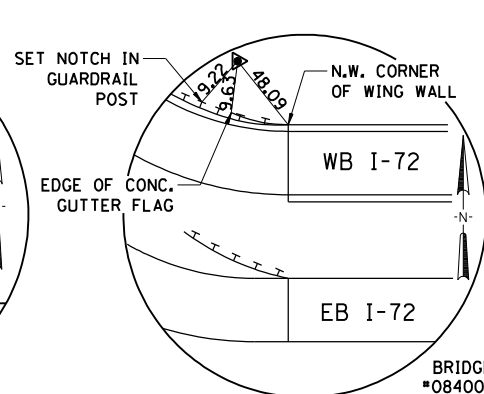
PROJECT CONTROL POINT  
90202  
#5 REBAR  
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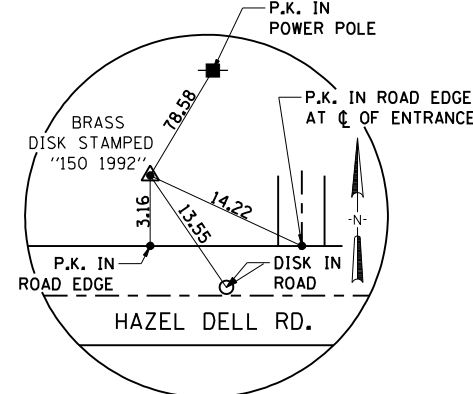
PROJECT CONTROL POINT  
9213



PROJECT CONTROL POINT  
THSH-57



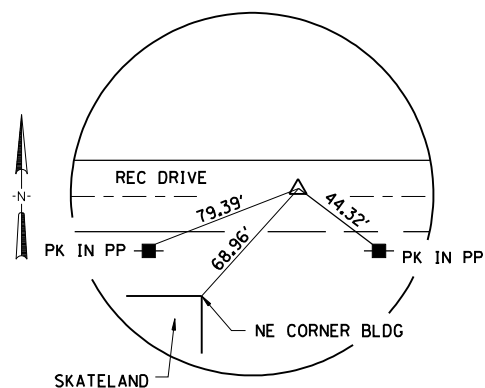
PROJECT CONTROL POINT  
9905 (TH-5)  
#5 REBAR



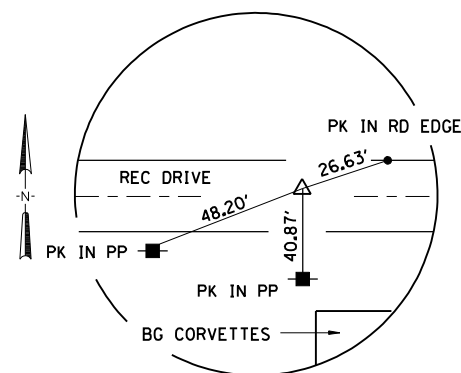
PROJECT CONTROL POINT  
2150 (150 CALIBRATION BASELINE)  
BRASS DISK IN CONCRETE VAULT



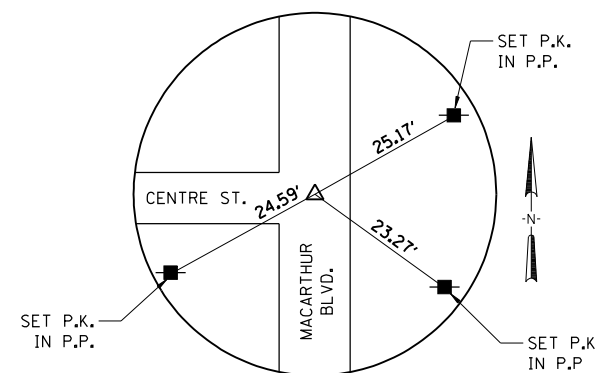
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8071	*	SANGAMON	559	79
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



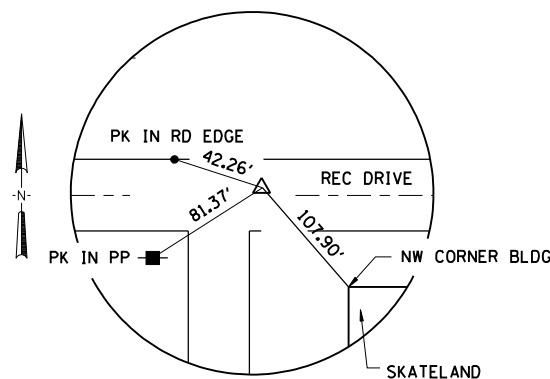
REC PC3, SET PK & WASHER IN EXISTING RECREATION DR  
 ☉ RECREATION DR STA. 126+85.50



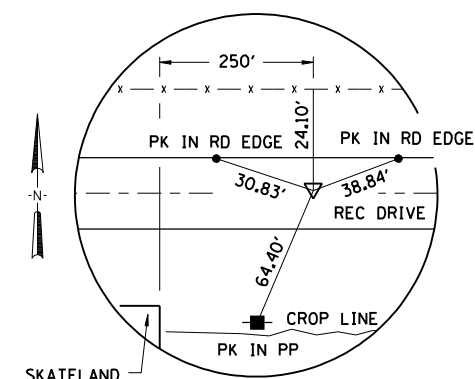
REC PT3, SET PK & WASHER IN EXISTING RECREATION DR  
 ☉ RECREATION DR STA. 130+85.45



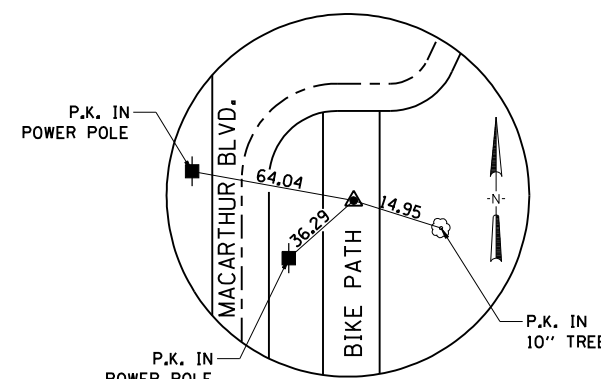
CEN P1, SET P.K. NAIL  
 STA. 10+00.00 ☉ CENTRE STREET



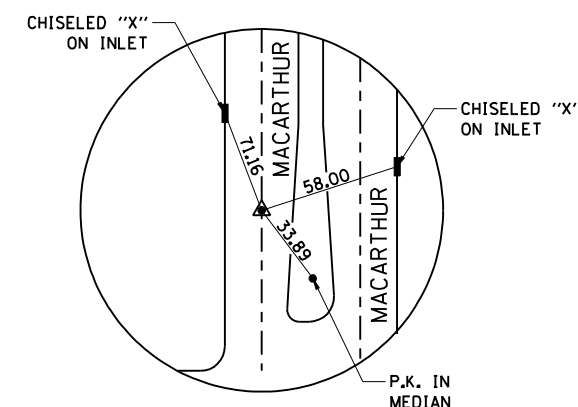
REC PI3, SET PK & WASHER IN EXISTING RECREATION DR  
 ☉ RECREATION DR STA. 128+85.61



REC PI2, SET PK & WASHER IN EXISTING RECREATION DR  
 ☉ RECREATION DR STA. 125+43.08



P.I. STA. 875+97.57  
 (OLD P.I. STA. 612+34.38)  
 DISK IN ASPHALT



P.T. STA. 879+02.91  
 (OLD P.T. STA. 615+39.71)  
 P.K. NAIL

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LAYOUT	CLG	08/05/06
DRAWN	CLG	08/05/06
REVIEWED	JMD/JMW	08/05/06

12/16/2006 \$FILES

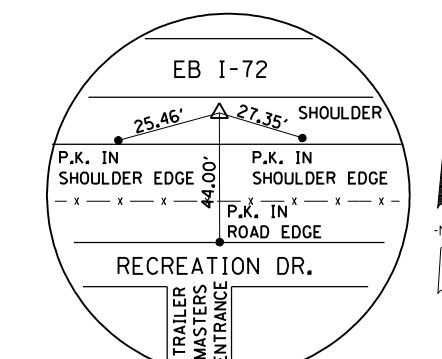
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SURVEY TIES  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

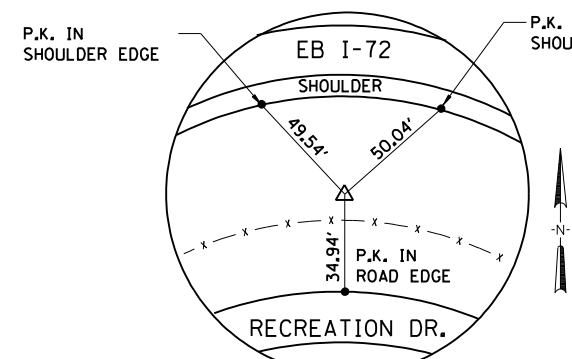
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 HORIZ.  
 DATE 12/16/2006

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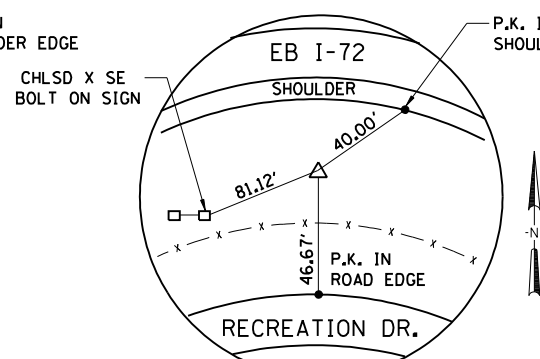
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	80
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1		* 02-00382-02-PV		



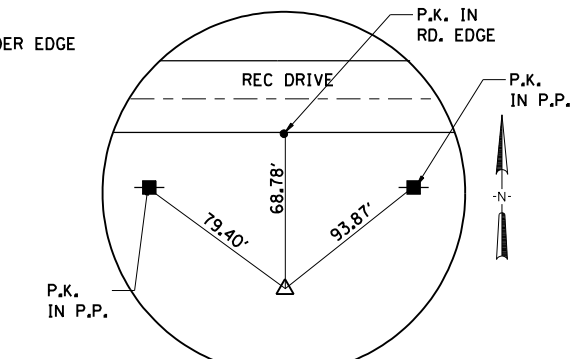
RAMPA 1, SET P.K. NAIL  
STA. 10+00.00 @ RAMP A =  
STA. 576+12.68, 60.06' RT. @ I-72



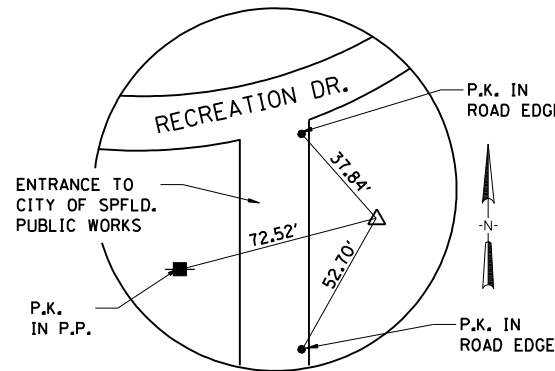
RAMPA PC1, SET 5/8" IRON PIN  
STA. 18+00.00 @ RAMP A



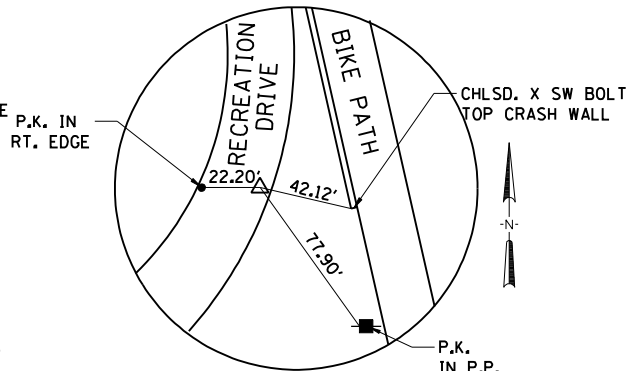
RAMPA PI1, SET 5/8" IRON PIN  
STA. 20+58.67 @ RAMP A



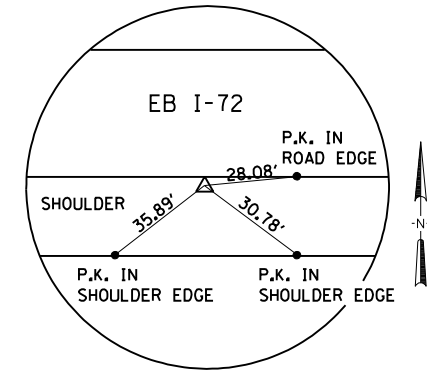
RAMPA PI1, SET 5/8" IRON PIN  
STA. 22+98.41 @ RAMP A



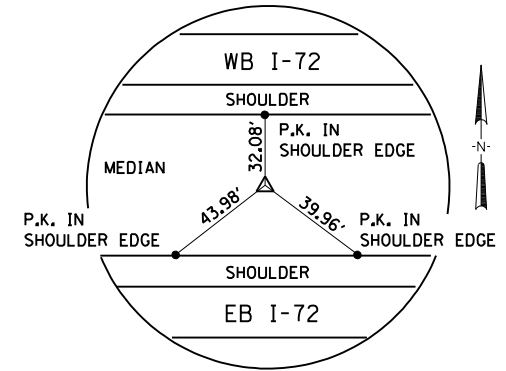
RAMPB PT1, SET 5/8" IRON PIN  
STA. 27+51.47 @ RAMP B



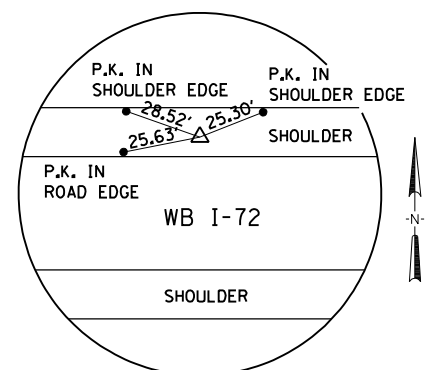
RAMPB PC2, SET P.K. NAIL  
STA. 32+81.62 @ RAMP B



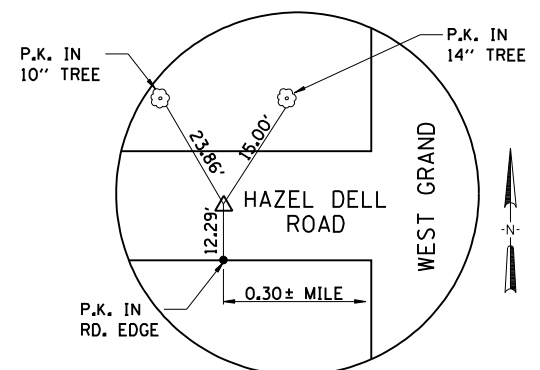
RAMP B1, SET P.K. NAIL  
STA. 50+41.36 @ RAMP B =  
STA. 623+49.18, 59.84' RT @ I-72



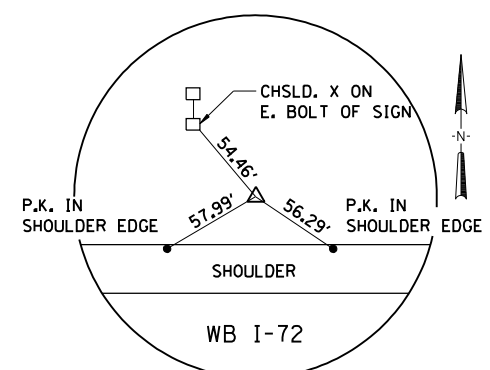
I72 MAC, SET 5/8" IRON PIN  
MAC I72 STA. 596+33.17 @ I-72 =  
STA. 792+77.64 @ MACARTHUR BLVD



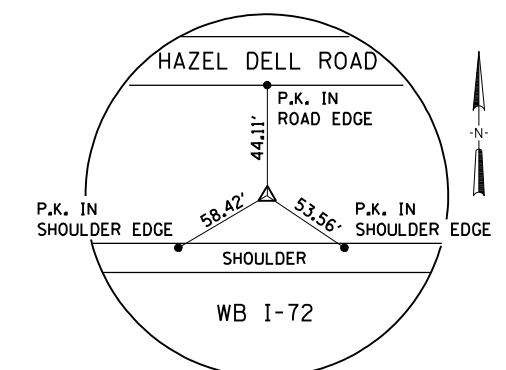
RAMP C 1, SET P.K. NAIL  
STA. 30+00.00 @ RAMP C =  
STA. 625+50.33, 59.89' LT. @ I-72



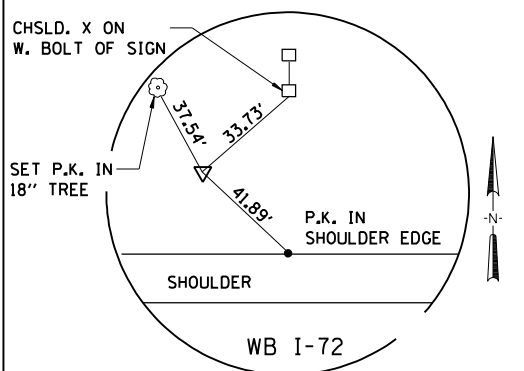
RAMPD PC1, SET P.K. NAIL  
STA. 44+04.35 @ RAMP D



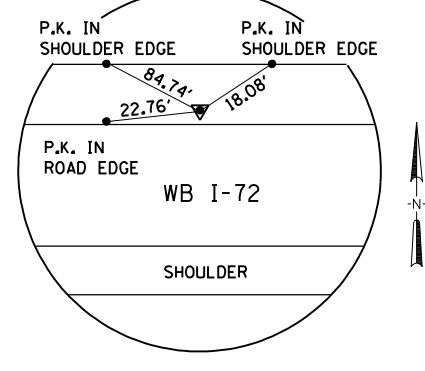
RAMPD PI2, SET 5/8" IRON PIN  
STA. 55+13.12 @ RAMP D



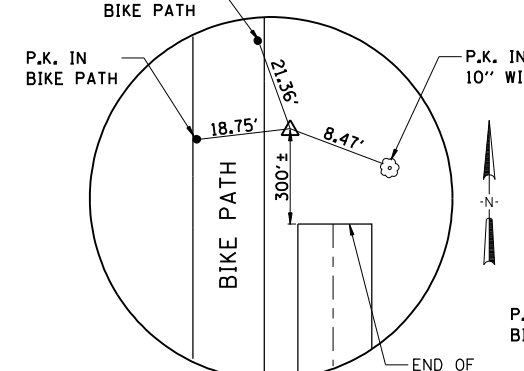
RAMPD PC1, SET 5/8" IRON PIN  
STA. 54+24.53 @ RAMP D =



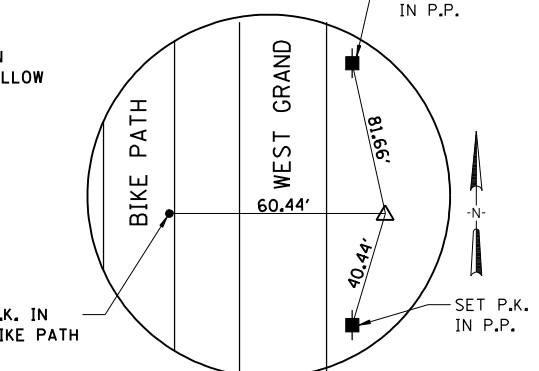
RAMPD PT2, SET 5/8" IRON PIN  
STA. 54+24.53 @ RAMP D



RAMPD 1, SET P.K. NAIL  
STA. 67+51.59 @ RAMP D =  
STA. 569+89.06, 60.24' LT. @ I-72



MAC PT8, SET 5/8" IRON PIN  
STA 841+08.82 @ MACARTHUR BLVD.



LB P2, SET 5/8" IRON PIN  
STA. 184+50.00 @ LINCOLNSHIRE BLVD

CENTERLINE POINTS SET BUT NOT REFERENCED		
POINT NO.	STATION	DESCRIPTION
MAC P7	P.C. STA. 815+96.39	SET 5/8" IRON PIN BURIED
MAC P17	P.I. STA. 821+60.84	SET 5/8" IRON PIN BURIED
MAC PT7	P.T. STA. 827+17.88	SET 5/8" IRON PIN BURIED
MAC PC8	P.C. STA. 828+20.08	SET 5/8" IRON PIN BURIED
MAC P18	P.I. STA. 835+21.51	SET 5/8" IRON PIN BURIED
MAC PC9	P.C. STA. 842+57.10	SET 5/8" IRON PIN BURIED
MAC P19	P.I. STA. 850+50.58	SET 5/8" IRON PIN BURIED
MAC PT9	P.T. STA. 858+23.72	SET 5/8" IRON PIN BURIED
MAC PC10	P.C. STA. 867+72.90	SET 5/8" IRON PIN BURIED
MAC P110	P.I. STA. 870+30.23	SET 5/8" IRON PIN BURIED
MAC PC11	P.C. STA. 872+68.69	SET 5/8" IRON PIN BURIED
LB P1	STA. 821+70.50 @ MACARTHUR BLVD = STA. 180+00.00 @ LINCOLNSHIRE BLVD	SET 5/8" IRON PIN BURIED
IJR P1	P.O.T. STA. 308+00.00	SET 5/8" IRON PIN BURIED
IJR P2	P.O.T. STA. 312+00.00	SET 5/8" IRON PIN BURIED
IJR P3	STA 841+43.54 @ MACARTHUR BLVD = STA. 310+00.00 @ ILES JUNCTION RD.	SET 5/8" IRON PIN BURIED
WB P1	P.O.T. STA. 502+50.00	SET 5/8" IRON PIN BURIED
WB P2	P.O.T. STA. 507+50.00	SET 5/8" IRON PIN BURIED
WB P3	STA. 852+51.56 @ MACARTHUR BLVD = STA. 505+00.00 @ WESTCHESTER BLVD	SET 5/8" IRON PIN BURIED
CEN P2	STA. 13+95.62 @ CENTRE ST = STA. 866+32.28 @ MACARTHUR BLVD	SET 5/8" IRON PIN BURIED
RAMPA PC2	P.C. STA. 25+93.47	SET 5/8" IRON PIN BURIED
RAMPA P12	P.I. STA. 26+58.48	SET 5/8" IRON PIN BURIED
RAMPA PT2	P.T. STA. 27+22.94	SET 5/8" IRON PIN BURIED
RAMPB P12	P.I. STA. 35+87.62	SET 5/8" IRON PIN BURIED
RAMPB PT2	P.T. STA. 38+91.36	SET 5/8" IRON PIN BURIED
RAMPC PC1	P.C. STA. 40+40.00	SET 5/8" IRON PIN BURIED
RAMPC P11	P.I. STA. 46+29.22	NOT SET
RAMPC PT1	P.T. STA. 51+82.35	SET 5/8" IRON PIN BURIED
RAMPC 100	STA. 58+00.63 @ RAMP C = STA. 796+39.03 @ MACARTHUR BLVD	SET 5/8" IRON PIN BURIED
RAMPD P11	P.I. STA. 45+12.82	SET 5/8" IRON PIN BURIED
RAMPD PT1	P.T. STA. 46+17.98	SET 5/8" IRON PIN BURIED
REC 100	P.I. STA. 100+00.00	SET 5/8" IRON PIN BURIED
REC PC1	P.C. STA. 102+51.41	SET 5/8" IRON PIN BURIED
REC P11	P.I. STA. 104+86.03	SET 5/8" IRON PIN BURIED
REC PT1	P.T. STA. 106+56.30	SET 5/8" IRON PIN BURIED
REC PC2	P.C. STA. 123+17.42	SET 5/8" IRON PIN BURIED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ALIGNMENT TIES  
FAI-72, MACARTHUR BLVD  
SEC NO. 02-00382-02-PV  
SEC NO. (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ.  
DATE: 12/16/2006

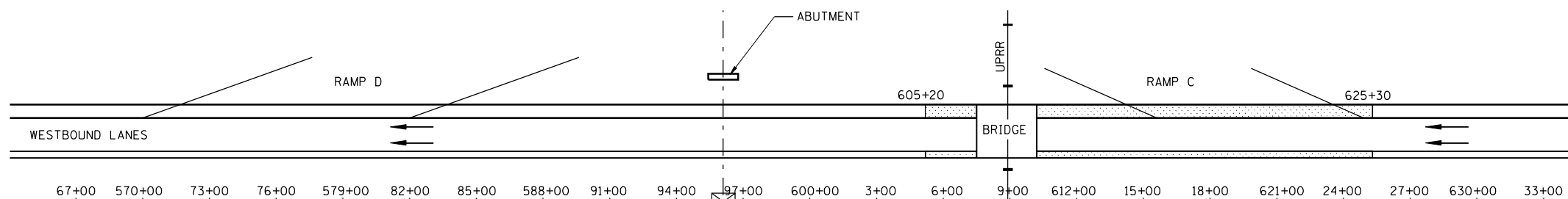
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12/16/2006  
\$FILES

LAYOUT	CLG	08/05/06
DRAWN	CLG	08/05/06
REVIEWED	JMD/JMD	09/05/06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	81
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

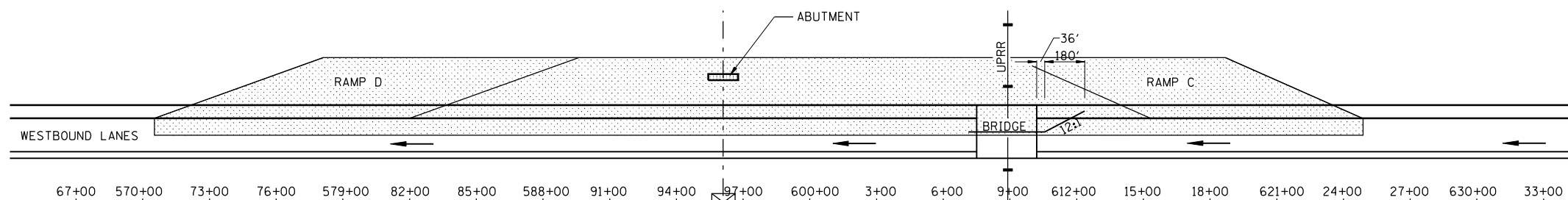


**TRAFFIC CONTROL**

CLOSE ONE LANE DURING SHOULDER REMOVAL AND REPLACEMENT, DAY OPERATIONS ONLY. USE TRAFFIC CONTROL AND PROTECTION: STD. 701400 NOT MEASURED STD. 701406 LUMP SUM

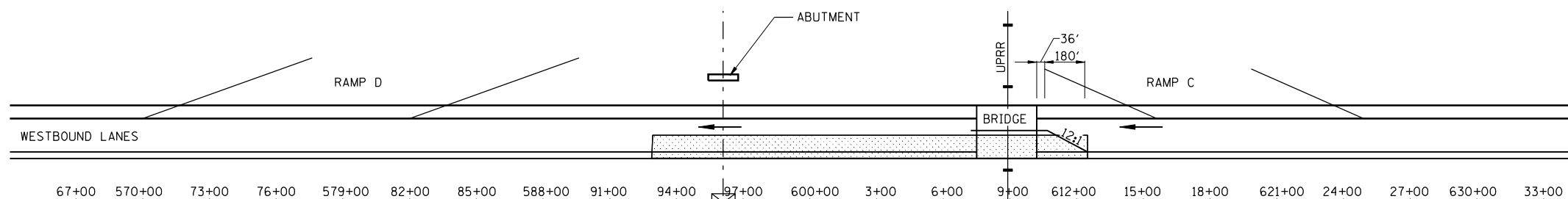
**LEGEND**

- CONSTRUCTION
- TRAFFIC
- TEMPORARY CONCRETE BARRIER



**TRAFFIC CONTROL**

TRAFFIC ON INSIDE LANES TRAFFIC CONTROL AND PROTECTION: STD. 701400 - NOT MEASURED STD. 701401 - 2 EACH STD. 701402 - COST INCLUDED TEMPORARY CONCRETE BARRIER - FT



**TRAFFIC CONTROL**

TRAFFIC ON OUTSIDE LANES TRAFFIC CONTROL AND PROTECTION: STD. 701400 - NOT MEASURED STD. 701401 - CONTIGUOUS LATERAL MOVEMENT STD. 701402 - COST INCLUDED RELOCATE TEMPORARY CONCRETE BARRIER - FT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-72 TRAFFIC STAGING  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

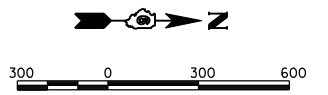
SCALE: VERT.      DRAWN BY HPS  
 HORIZ.      CHECKED BY JWM  
 DATE 12/16/2006



12/16/2006	LAYOUT	HPS	08/05/06
\$FILES	DRAWN	HPS	08/05/06
	REVIEWED	JMW	08/05/06



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	82
STA. TO STA.		ILLINOIS FED. AID PROJECT		
184-9-41A,HBK,BY,BY-1		* 02-00382-02-PV		

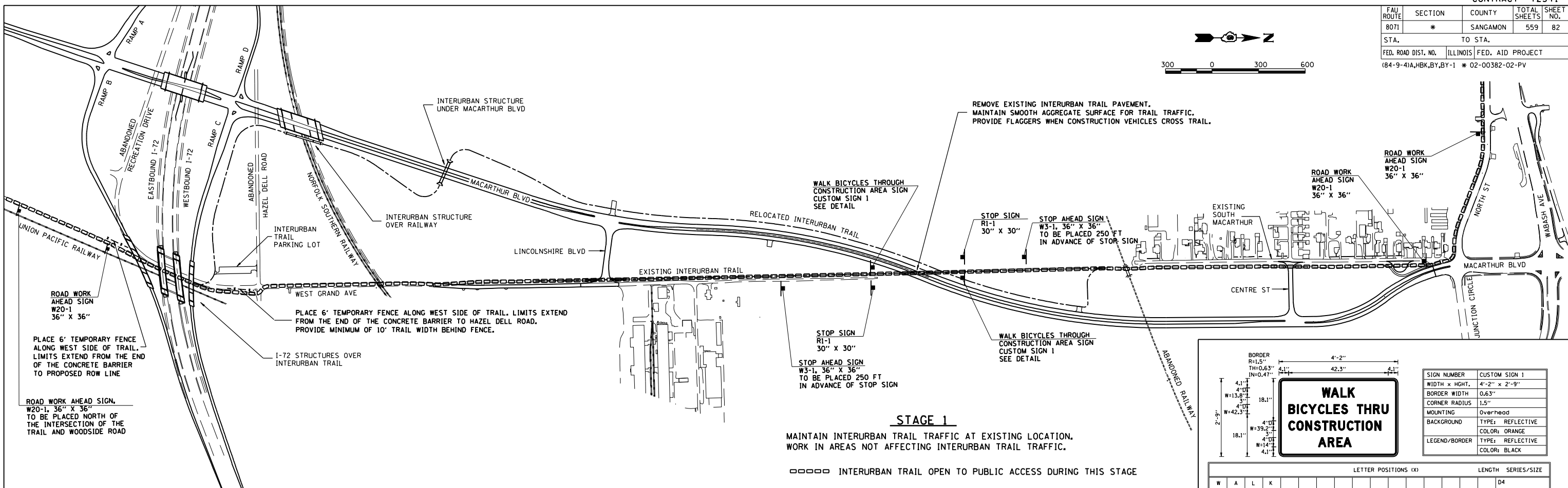


DATE	BY	NO.

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**HANSON**  
 PROFESSIONAL SERVICES, INC.

DATE	BY	NO.

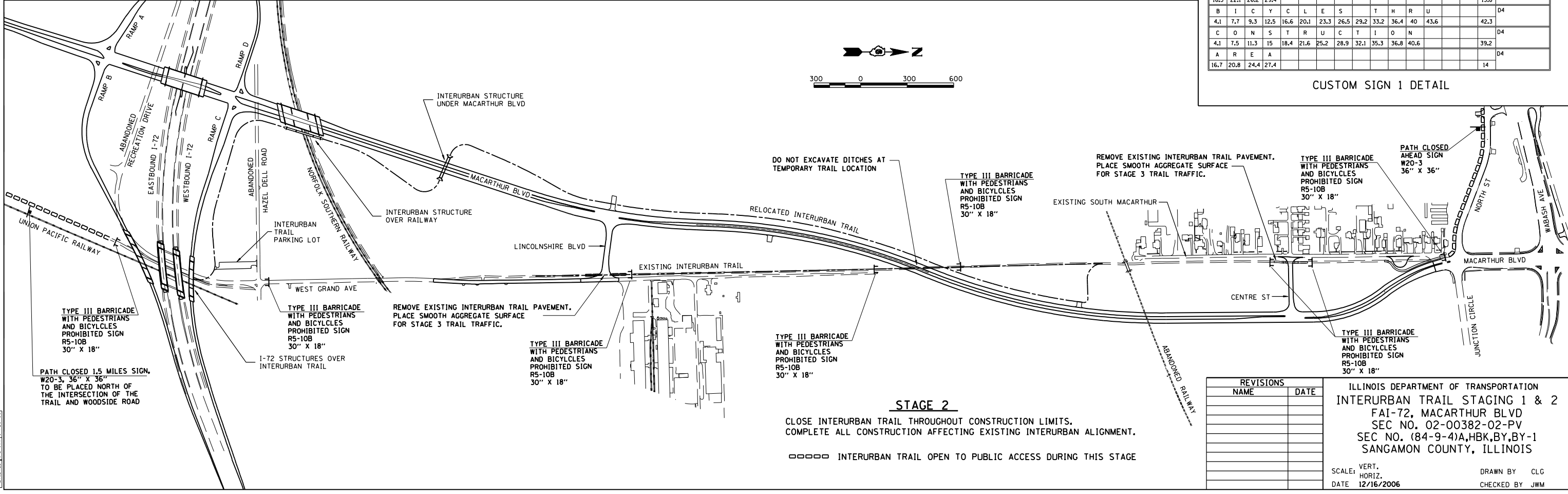
DATE	BY	NO.



SIGN NUMBER		CUSTOM SIGN 1	
WIDTH x HGT.		4'-2" x 2'-9"	
BORDER WIDTH		0.63"	
CORNER RADIUS		1.5"	
MOUNTING		Overhead	
BACKGROUND		TYPE: REFLECTIVE	
COLOR		COLOR: ORANGE	
LEGEND/BORDER		TYPE: REFLECTIVE	
COLOR		COLOR: BLACK	

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE
W	A	L	K										D4
18.3	22.1	26.2	29.4									13.8	
B	I	C	Y	C	L	E	S	T	H	R	U		D4
4.1	7.7	9.3	12.5	16.6	20.1	23.3	26.5	29.2	33.2	36.4	40	43.6	
C	O	N	S	T	R	U	C	T	I	O	N		D4
4.1	7.5	11.3	15	18.4	21.6	25.2	28.9	32.1	35.3	36.8	40.6	39.2	
A	R	E	A										D4
16.7	20.8	24.4	27.4									14	



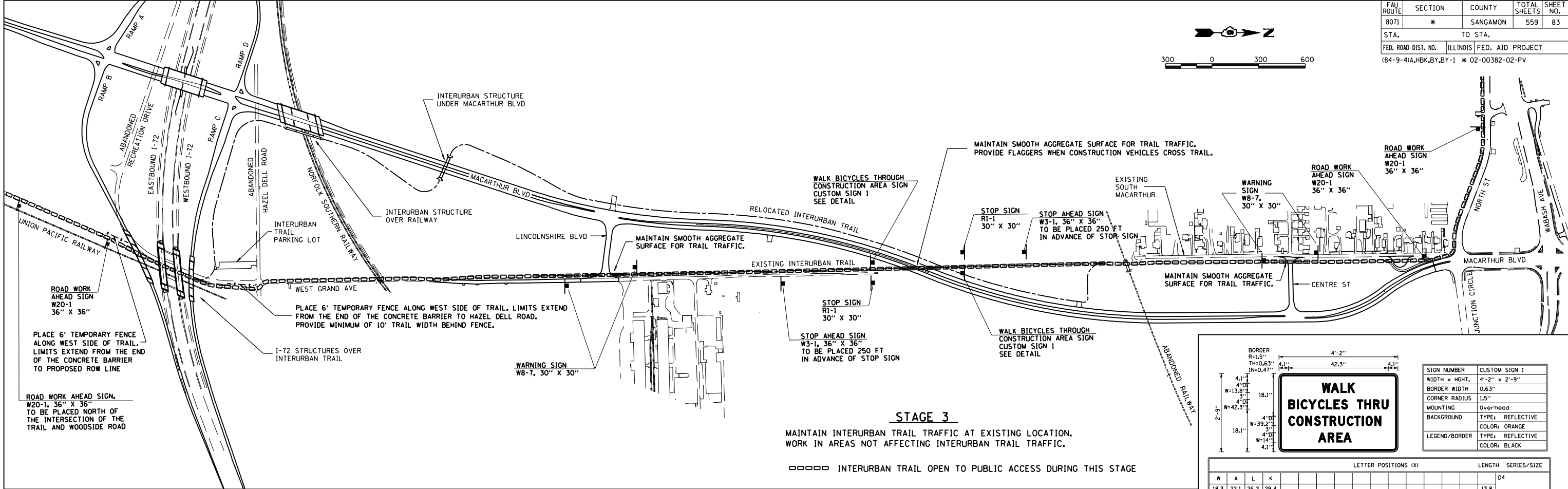
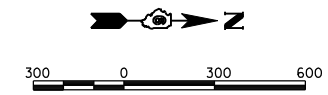
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 INTERURBAN TRAIL STAGING 1 & 2  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-41A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JWM  
 DATE 12/16/2006

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	83
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1		* 02-00382-02-PV		



**STAGE 3**  
 MAINTAIN INTERURBAN TRAIL TRAFFIC AT EXISTING LOCATION.  
 WORK IN AREAS NOT AFFECTING INTERURBAN TRAIL TRAFFIC.  
 □□□□ INTERURBAN TRAIL OPEN TO PUBLIC ACCESS DURING THIS STAGE

SIGN NUMBER	CUSTOM SIGN 1
WIDTH x HGT.	4'-2" x 2'-9"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	Overhead
BACKGROUND	TYPE: REFLECTIVE
LEGEND/BORDER	COLOR: ORANGE
	TYPE: REFLECTIVE
	COLOR: BLACK

LETTER POSITIONS (X)											LENGTH SERIES/SIZE	
W	A	L	K									D4
18.3	22.1	26.2	29.4									13.8
B	I	C	Y	C	L	E	S	T	H	R	U	D4
4.1	7.7	9.3	12.5	16.6	20.1	23.3	26.5	29.2	33.2	36.4	40	43.6
C	O	N	S	T	R	U	C	T	I	O	N	D4
4.1	7.5	11.3	15	18.4	21.6	25.2	28.9	32.1	35.3	36.8	40.6	39.2
A	R	E	A									D4
16.7	20.8	24.4	27.4									14

**CUSTOM SIGN 1 DETAIL**

PLAN

DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
NO. OF WAY CHECKED	
CADD FILE NAME	
NO.	

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PROFILE

DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
NO. OF WAY CHECKED	
STRUCTURE NOTATIONS CHKD	
NO.	

LAYOUT	CLG	04/28/06
DRAWN	CLG	04/28/06
REVIEWED	JDM/JMM	04/28/06

12/16/2006 \$FILE\$

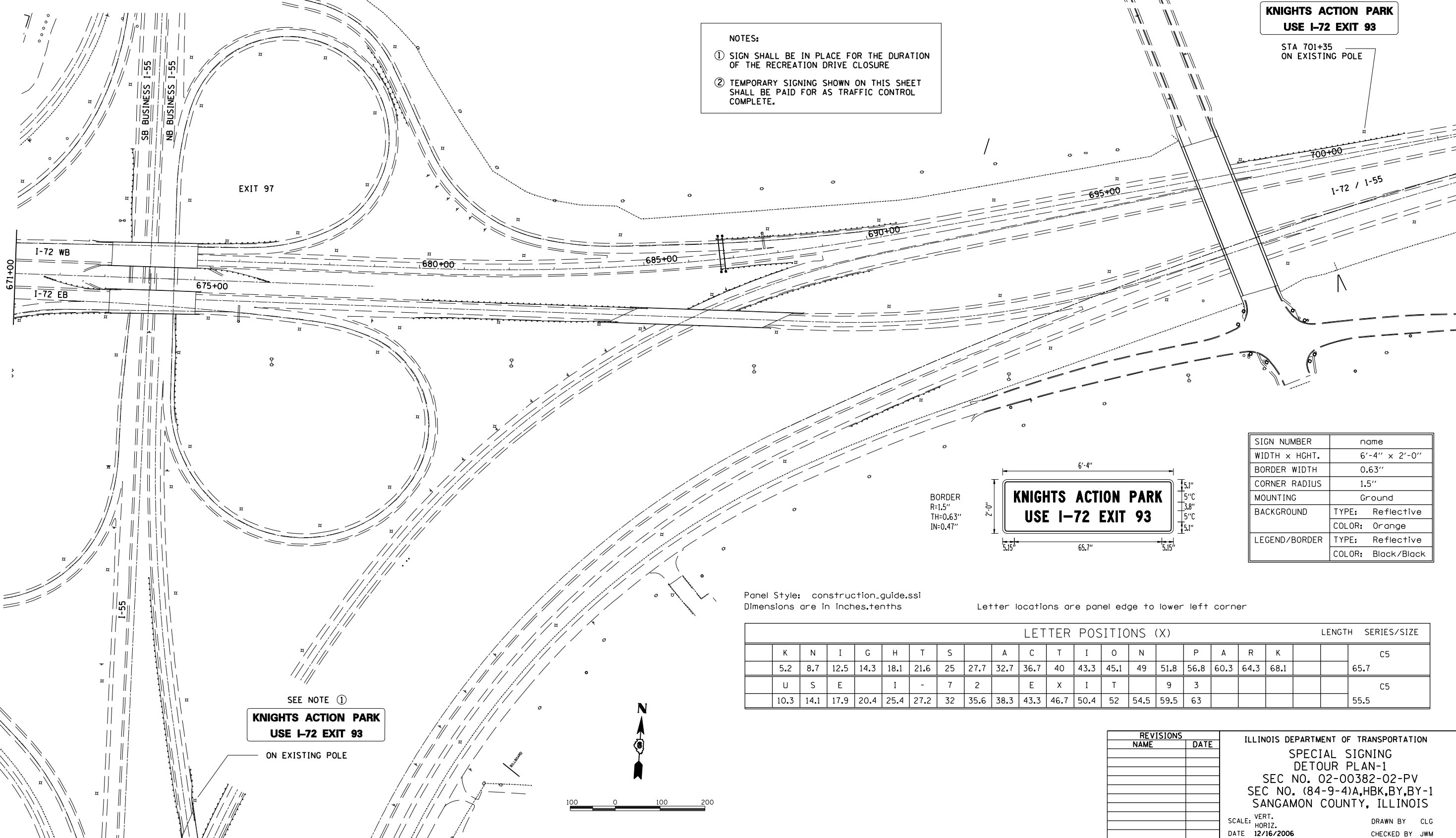
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 INTERURBAN TRAIL STAGING 3  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.                      DRAWN BY    CLG  
 HORIZ.                          CHECKED BY   JMM  
 DATE    12/16/2006

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	84
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1		* 02-00382-02-PV		

SEE SPECIAL SIGNING DETOUR-2 FOR SIGNING NORTH OF THE INTERCHANGE

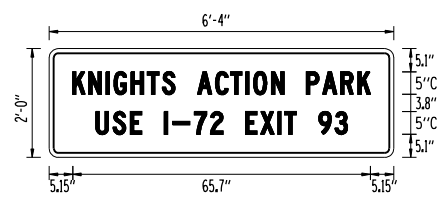


**NOTES:**

- ① SIGN SHALL BE IN PLACE FOR THE DURATION OF THE RECREATION DRIVE CLOSURE
- ② TEMPORARY SIGNING SHOWN ON THIS SHEET SHALL BE PAID FOR AS TRAFFIC CONTROL COMPLETE.

SEE NOTE ①  
**KNIGHTS ACTION PARK  
 USE I-72 EXIT 93**

STA 701+35  
 ON EXISTING POLE



BORDER  
 R=1.5"  
 TH=0.63"  
 IN=0.47"

SIGN NUMBER	name
WIDTH x HGT.	6'-4" x 2'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

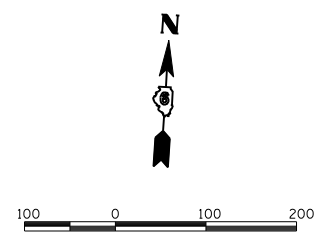
Panel Style: construction\_guide.ssi  
 Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																LENGTH	SERIES/SIZE		
K	N	I	G	H	T	S	A	C	T	I	O	N	P	A	R	K		C5	
5.2	8.7	12.5	14.3	18.1	21.6	25	27.7	32.7	36.7	40	43.3	45.1	49	51.8	56.8	60.3	64.3	68.1	65.7
U	S	E	I	-	7	2	E	X	I	T	9	3							C5
10.3	14.1	17.9	20.4	25.4	27.2	32	35.6	38.3	43.3	46.7	50.4	52	54.5	59.5	63				55.5

SEE NOTE ①  
**KNIGHTS ACTION PARK  
 USE I-72 EXIT 93**

ON EXISTING POLE

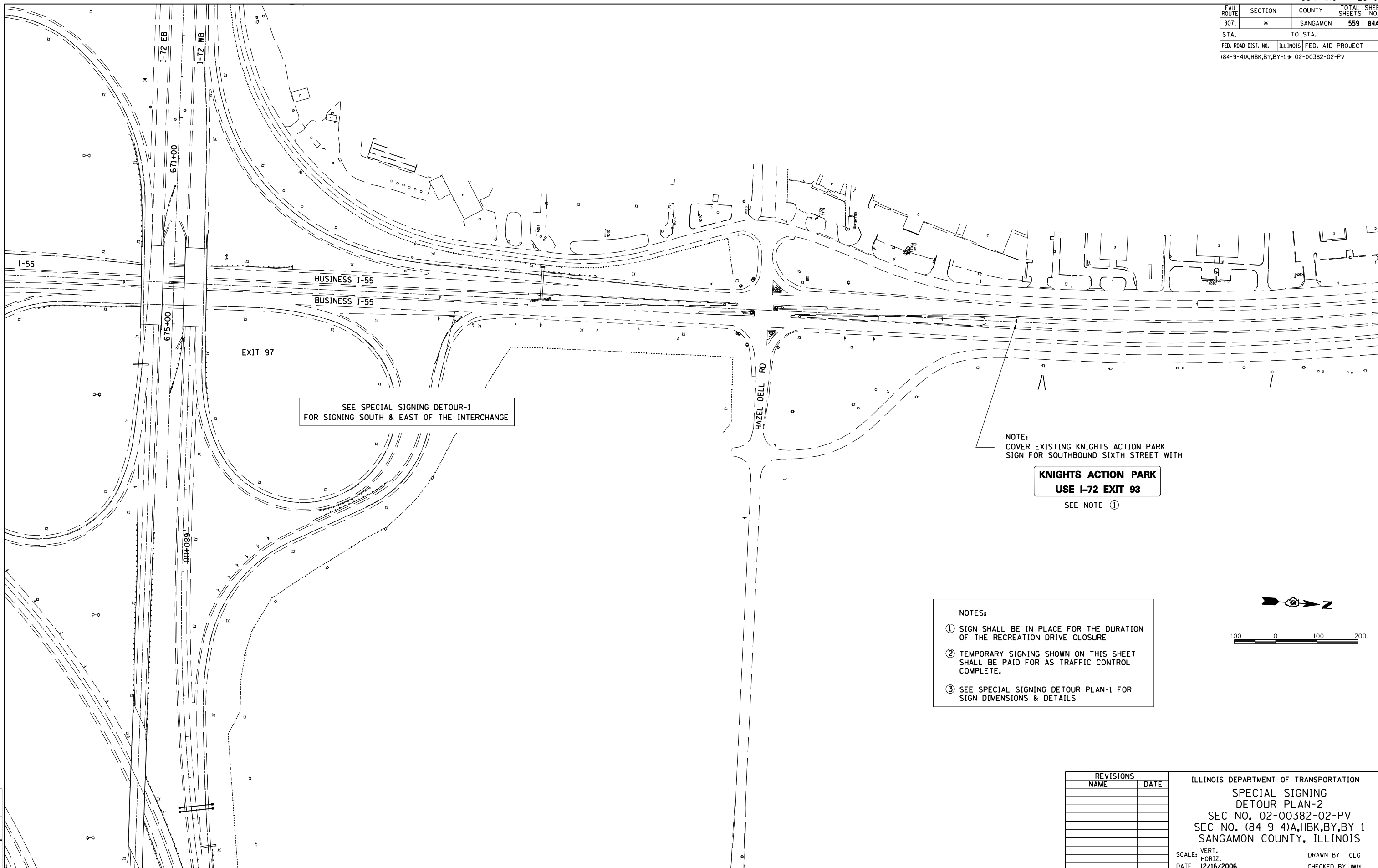


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SPECIAL SIGNING  
 DETOUR PLAN-1  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JWM  
 DATE 12/16/2006

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	84A
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

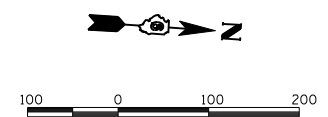


SEE SPECIAL SIGNING DETOUR-1  
FOR SIGNING SOUTH & EAST OF THE INTERCHANGE

NOTE:  
COVER EXISTING KNIGHTS ACTION PARK  
SIGN FOR SOUTHBOUND SIXTH STREET WITH

**KNIGHTS ACTION PARK  
USE I-72 EXIT 93**  
SEE NOTE ①

- NOTES:
- ① SIGN SHALL BE IN PLACE FOR THE DURATION OF THE RECREATION DRIVE CLOSURE
  - ② TEMPORARY SIGNING SHOWN ON THIS SHEET SHALL BE PAID FOR AS TRAFFIC CONTROL COMPLETE.
  - ③ SEE SPECIAL SIGNING DETOUR PLAN-1 FOR SIGN DIMENSIONS & DETAILS



12/16/2006	CLG	08/05/06
\$FILES	CLG	08/05/06
	JMD/JMW	08/05/06

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SPECIAL SIGNING  
 DETOUR PLAN-2  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS  
 SCALE: VERT.      DRAWN BY CLG  
 HORIZ.              CHECKED BY JMW  
 DATE 12/16/2006

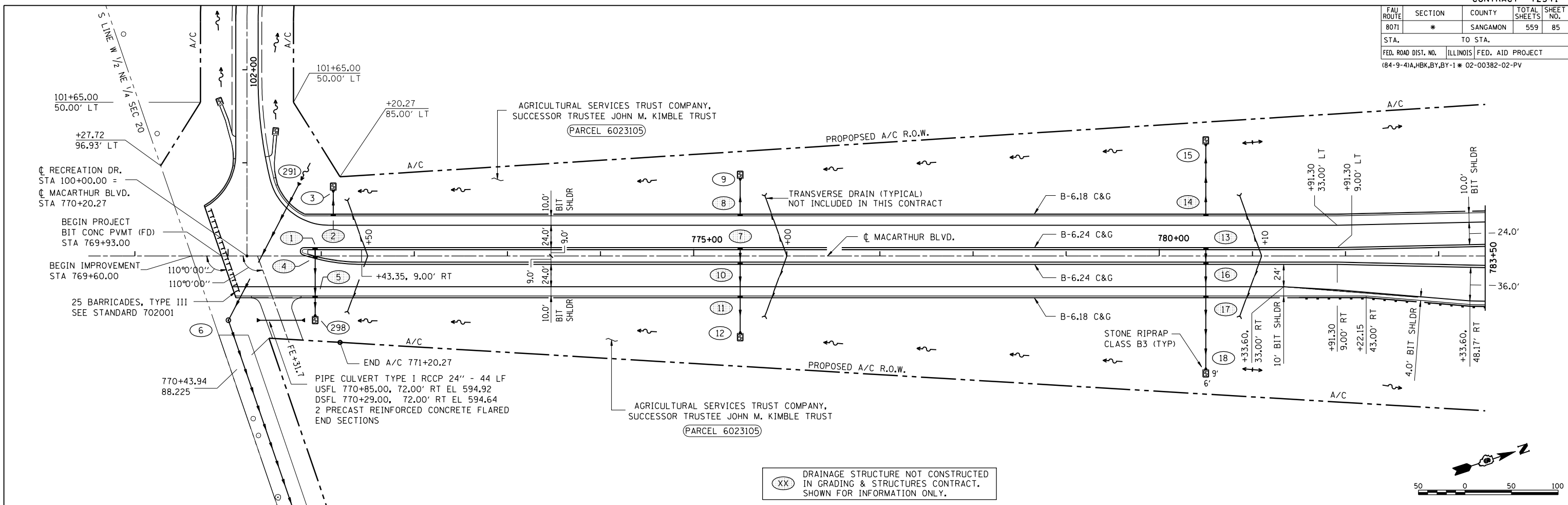
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	85
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		184-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV		

PLAN	DATE
SURVEYED	
PLOTTED	
CHECKED	
NO. OF WAY CHECKED	
CADD FILE NAME	

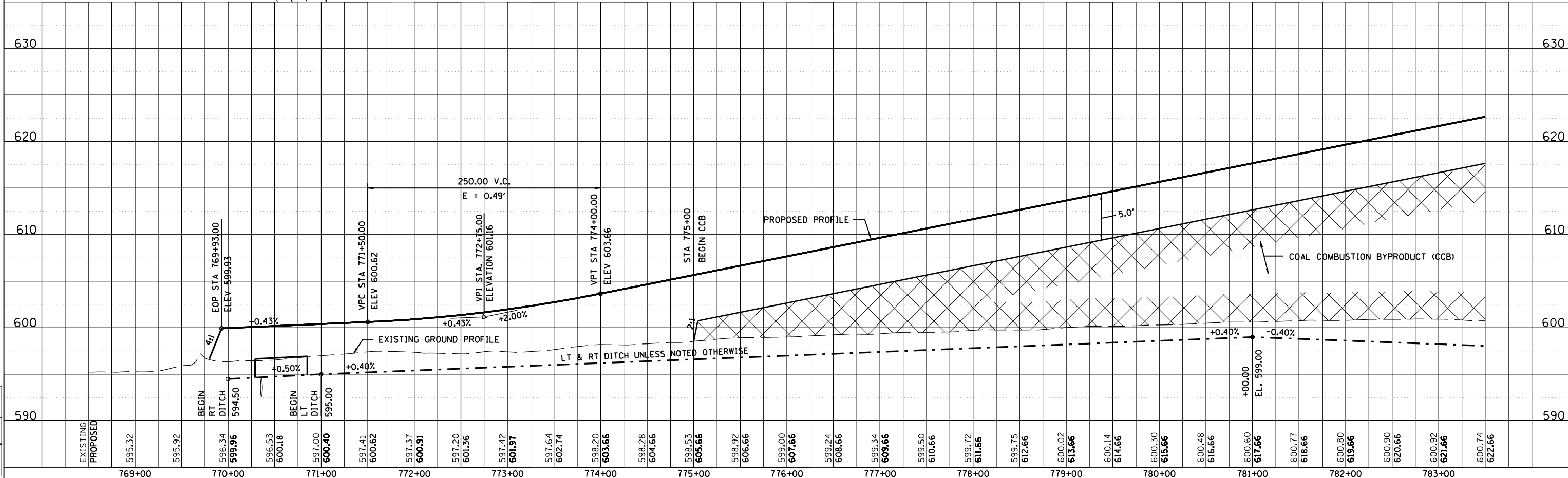
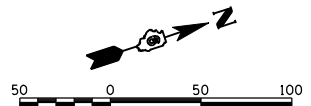


PROFILE	DATE
SURVEYED	
PLOTTED	
CHECKED	
NO. OF WAY CHECKED	
STRUCTURE NOTATIONS CHKD	

LAYOUT	CLG	DATE
REVIEWED	JAD/JM	04/28/06
DATE		12/16/2006
FILE #		\$FILE#



(XX) DRAINAGE STRUCTURE NOT CONSTRUCTED IN GRADING & STRUCTURES CONTRACT. SHOWN FOR INFORMATION ONLY.



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	86
STA.	TO STA.			
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
[84-9-4]A, H.B.K. BY-1 * 02-00382-02-PV				

**NOTES:**

- \* TRANSITION B-6.18 CURB & GUTTER TO MATCH THE CURB ON APPROACH PAVEMENT. TRANSITION LENGTH = 10'
- \*\* TRANSITION THE 9" HIGH BR APP MEDIAN CONFIGURATION AT THE LIMITS OF THE BRIDGE APPROACH PAVEMENT TO THE 6" HIGH ROADWAY MEDIAN CONFIGURATION. TRANSITION LENGTH = 5'
- \*\*\* PIPE UNDERDRAIN, SEE WICK DRAIN & UNDERDRAIN DETAILS SHEET
- \*\*\*\* LAY STORM SEWER ON 2000' MIN RADIUS CURVE USING DEFLECTED STRAIGHT PIPE SEGMENTS (TYPICAL)
- (A) BRIDGE APPROACH PAVEMENT BY OTHERS.

(XX) DRAINAGE STRUCTURE NOT CONSTRUCTED IN GRADING & STRUCTURES CONTRACT. SHOWN FOR INFORMATION ONLY.

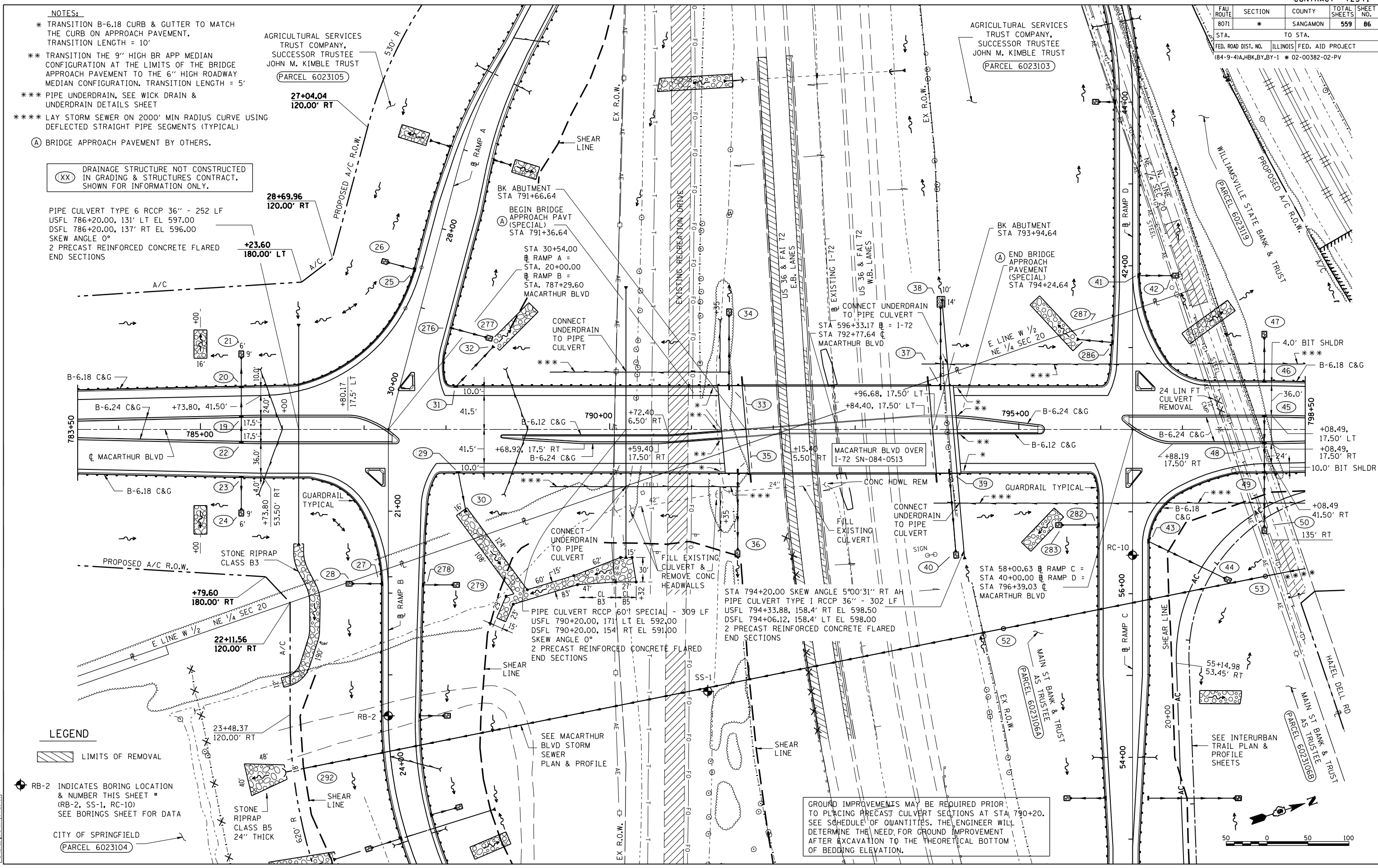
PIPE CULVERT TYPE 6 RCCP 36" - 252 LF  
 USFL 786+20.00, 131' LT EL 597.00  
 DSFL 786+20.00, 137' RT EL 596.00  
 SKEW ANGLE 0°  
 2 PRECAST REINFORCED CONCRETE FLARED END SECTIONS

DATE	BY	REVISION



DATE	BY	REVISION

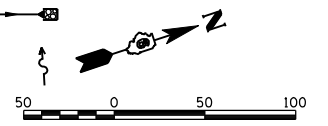
DATE	BY	REVISION



**LEGEND**

- [Hatched Pattern] LIMITS OF REMOVAL
- RB-2 INDICATES BORING LOCATION & NUMBER THIS SHEET # (RB-2, SS-1, RC-10) SEE BORINGS SHEET FOR DATA
- CITY OF SPRINGFIELD (PARCEL 6023104)

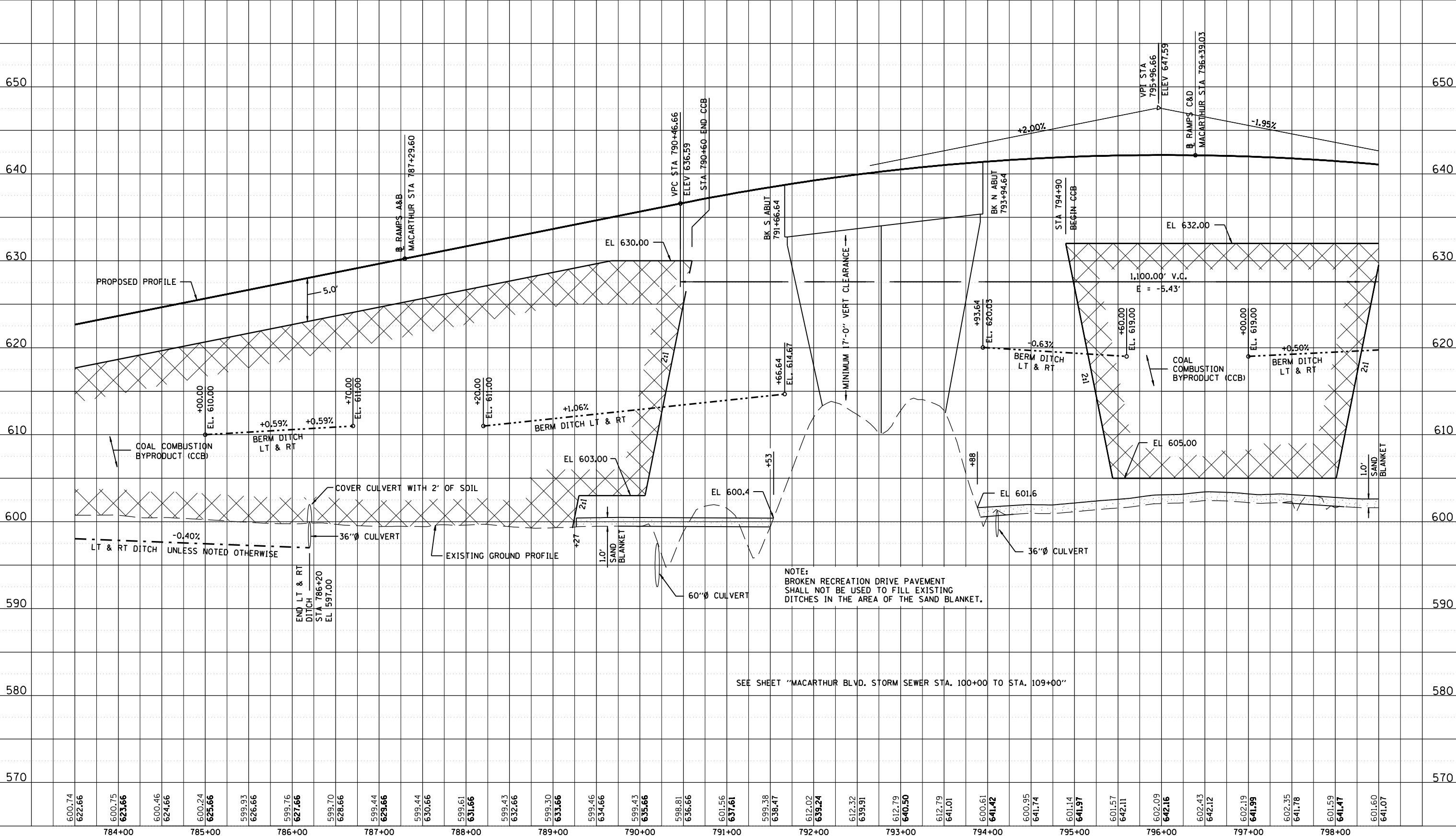
GROUND IMPROVEMENTS MAY BE REQUIRED PRIOR TO PLACING PRECAST CULVERT SECTIONS AT STA 790+20. SEE SCHEDULE OF QUANTITIES. THE ENGINEER WILL DETERMINE THE NEED FOR GROUND IMPROVEMENT AFTER EXCAVATION TO THE THEORETICAL BOTTOM OF BEDDING ELEVATION.





FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	87
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		184-9-4(A), HBK, BY, BY-1 * 02-00382-02-PV		

784+00 785+00 786+00 787+00 788+00 789+00 790+00 791+00 792+00 793+00 794+00 795+00 796+00 797+00 798+00



NOTE: BROKEN RECREATION DRIVE PAVEMENT SHALL NOT BE USED TO FILL EXISTING DITCHES IN THE AREA OF THE SAND BLANKET.

SEE SHEET "MACARTHUR BLVD. STORM SEWER STA. 100+00 TO STA. 109+00"

PLAN

DATE	BY

NO. \_\_\_\_\_



PROFILE

DATE	BY

NO. \_\_\_\_\_

LAYOUT	CLG	04/28/06
DRAWN	CLG	04/28/06
REVIEWED	JAD/JM	04/28/06

12/16/2006 \$FILES



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	89
STA. 799+00		TO STA. 813+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

PLAN

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

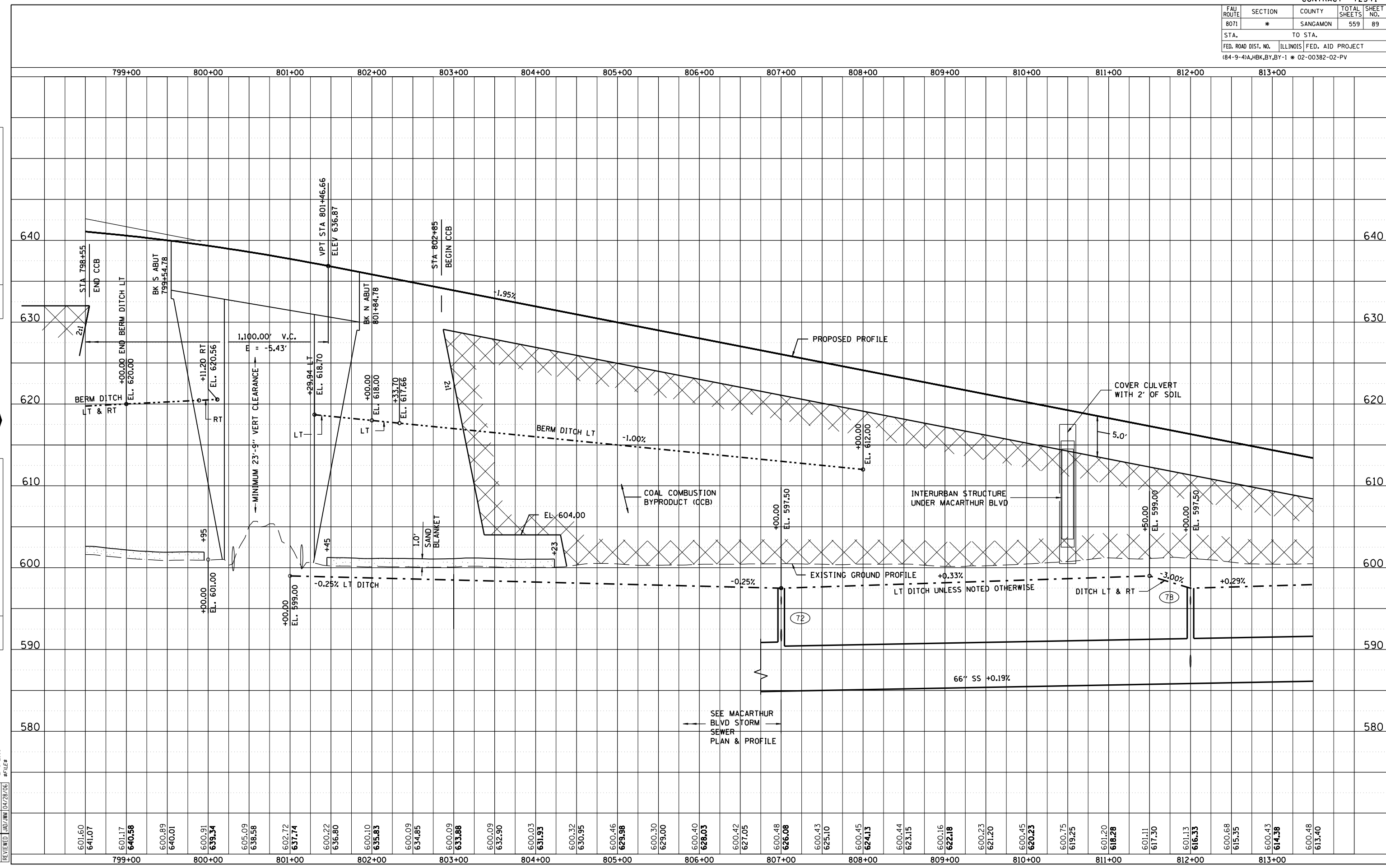


PROFILE

SURVEYED	BY	DATE
PLOTTED		
CHECKED		
NO. OF WAY CHECKED		
STRUCTURE NOTATIONS CHKD		
NOTE BOOK NO.		

LAYOUT	CLG	04/28/06
DRAWN	CLG	04/28/06
REVIEWED	JAD/JM	04/28/06

12/16/2006 \$FILES

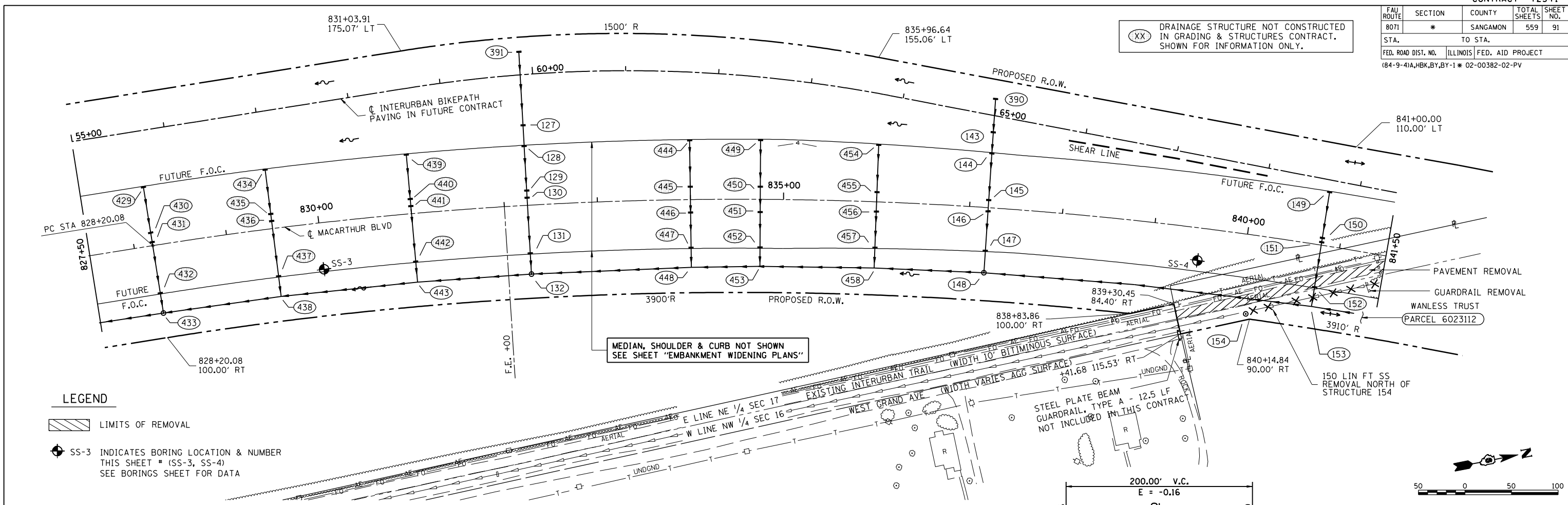


MACARTHUR BLVD. STA. 798+50 TO STA. 813+50



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	91
STA. 8071		TO STA. 841+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

(XX) DRAINAGE STRUCTURE NOT CONSTRUCTED IN GRADING & STRUCTURES CONTRACT. SHOWN FOR INFORMATION ONLY.

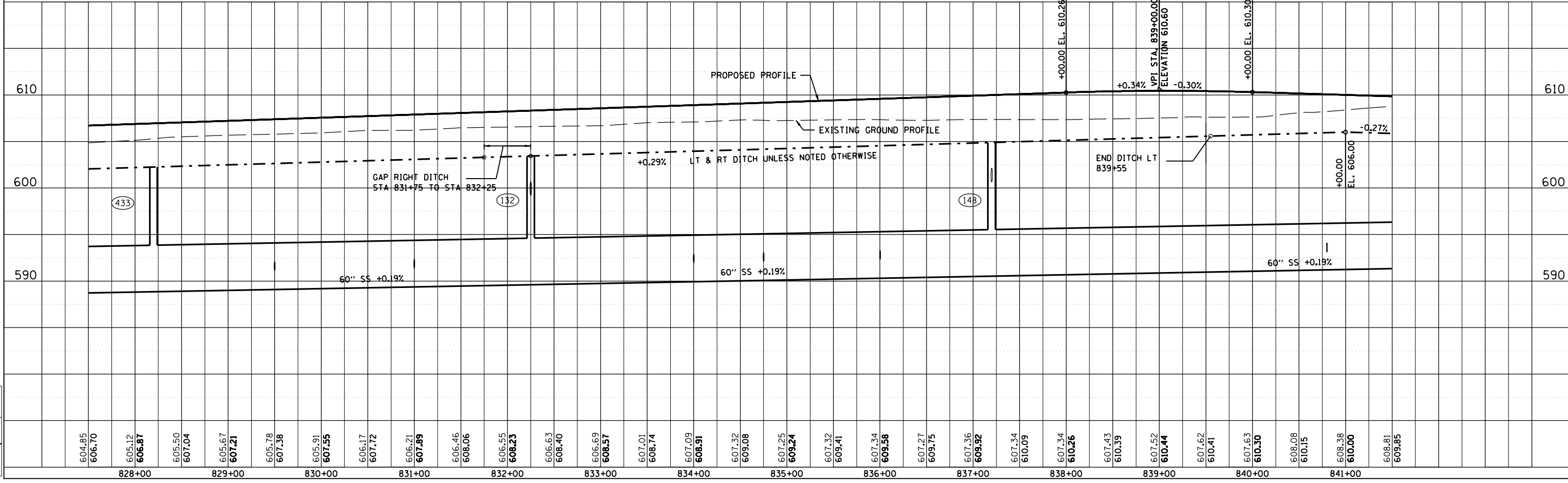
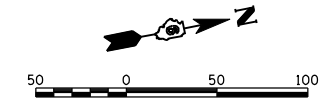


**LEGEND**

LIMITS OF REMOVAL

SS-3 INDICATES BORING LOCATION & NUMBER THIS SHEET \* (SS-3, SS-4) SEE BORINGS SHEET FOR DATA

MEDIAN, SHOULDER & CURB NOT SHOWN SEE SHEET "EMBANKMENT WIDENING PLANS"



MACARTHUR BLVD. STA. 827+50 TO STA. 841+50

PLAN

DATE	
BY	
REVIEWED	
NOTED	
NO. OF WAY CHECKED	
NO. OF FILE CHECKED	
NO. OF FILE NAME	



PROFILE

DATE	
BY	
REVIEWED	
NOTED	
NO. OF WAY CHECKED	
NO. OF FILE CHECKED	
NO. OF FILE NAME	

LAYOUT	CLG	04/28/06
DRAWN	CLG	04/28/06
REVIEWED	JMD/JM	04/28/06

1/22/2007 \$FILES

604.85	606.70	605.12	606.87	605.50	607.04	605.67	607.21	605.78	607.38	605.91	607.55	606.17	607.72	606.21	607.89	606.46	608.06	606.55	608.23	606.63	608.40	606.69	608.57	607.01	608.74	607.09	608.91	607.32	609.08	607.25	609.24	607.32	609.41	607.34	609.58	607.27	609.75	607.36	609.92	607.34	610.09	607.34	610.26	607.43	610.39	607.52	610.44	607.62	610.41	607.63	610.50	608.08	610.15	608.38	610.00	608.81	609.85
828+00		829+00		830+00		831+00		832+00		833+00		834+00		835+00		836+00		837+00		838+00		839+00		840+00		841+00																															

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	92
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		184-9-41A, H.B.K. BY, BY-1 * 02-00382-02-PV		

**LEGEND**

LIMITS OF REMOVAL  
SEE NOTE BELOW

30 INDICATES BORING LOCATION & NUMBER  
THIS SHEET # (30)  
SEE BORINGS SHEET FOR DATA

**(A)** INCLUDE ONLY BIKEPATH REMOVAL INSIDE OF MACARTHUR BLVD R.O.W. IN THIS CONTRACT, UNLESS NOTED OTHERWISE.

**(A)** PAVEMENT REMOVAL  
**(A)** PAVEMENT REMOVAL, SPECIAL

PAVEMENT REMOVAL AND REGRADING NOT INCLUDED IN THIS CONTRACT

INTERURBAN BIKEPATH PAVING IN FUTURE CONTRACT

MEDIAN, SHOULDER & CURB NOT SHOWN  
SEE SHEET "EMBANKMENT WIDENING PLANS"

**(XX)** DRAINAGE STRUCTURE NOT CONSTRUCTED IN GRADING & STRUCTURES CONTRACT. SHOWN FOR INFORMATION ONLY.

STA 852+51.56 MACARTHUR BLVD =  
STA. 505+00 WESTCHESTER BLVD. (FUTURE)

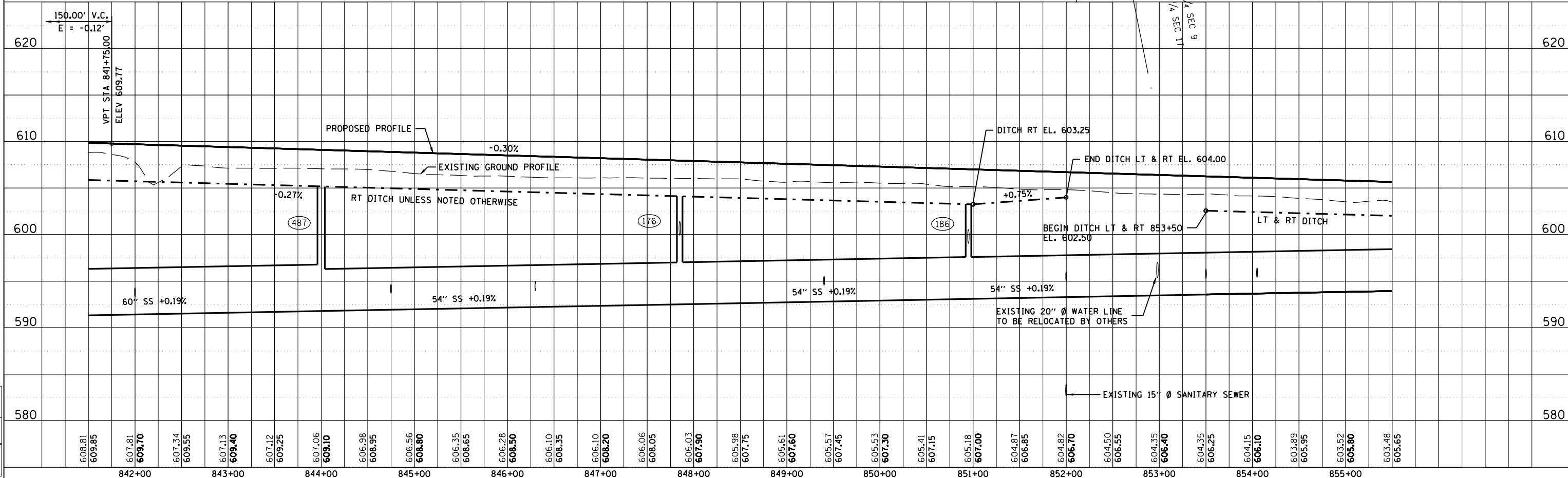
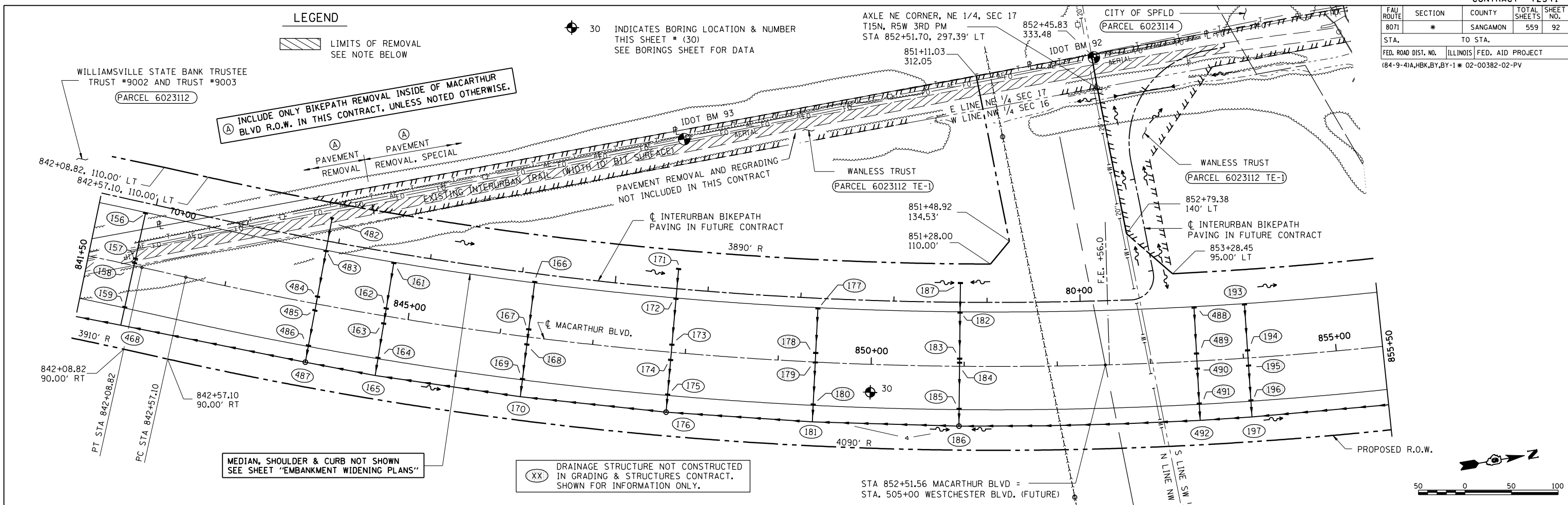


DATE	BY
DATE	BY

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DATE	BY
DATE	BY

DATE	BY
DATE	BY





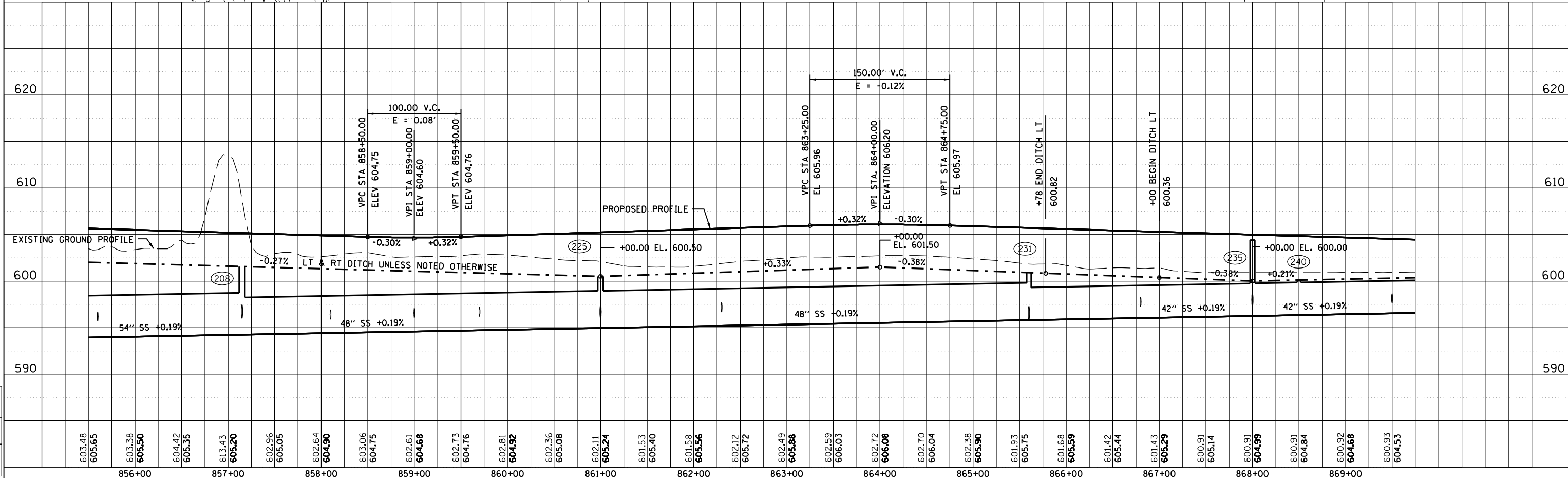
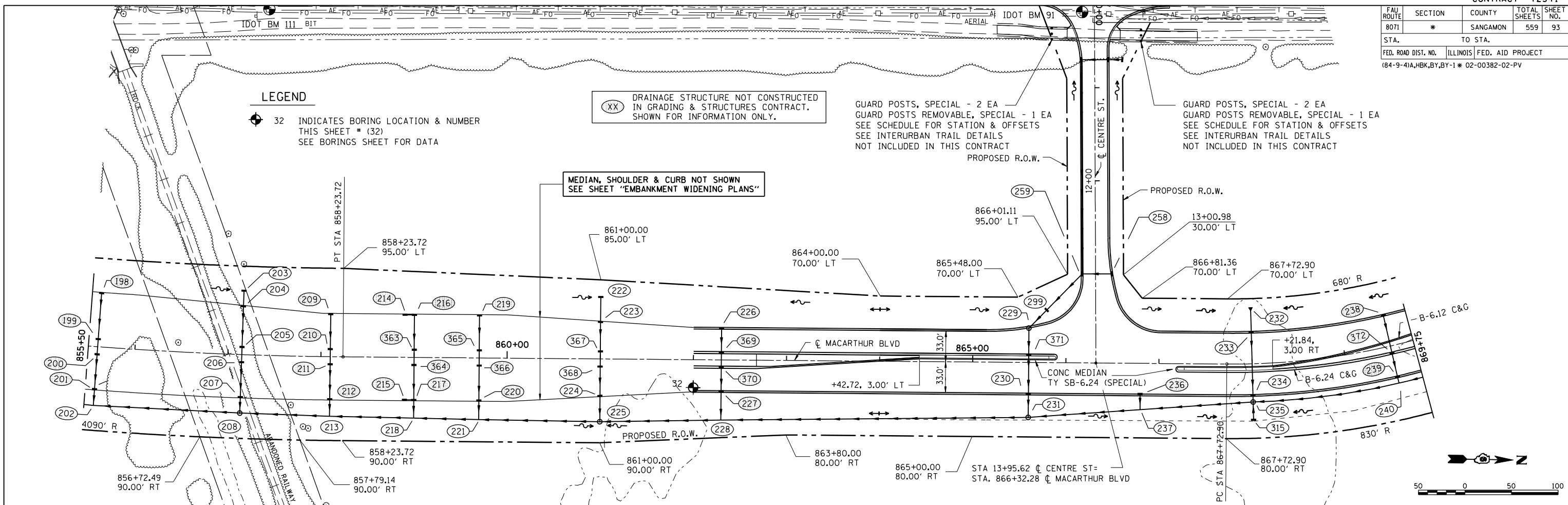
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	93
STA. 8071		TO STA. 8072		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

PLAN	DATE
DATE	BY
NO.	NO.
NO.	NO.
NO.	NO.



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

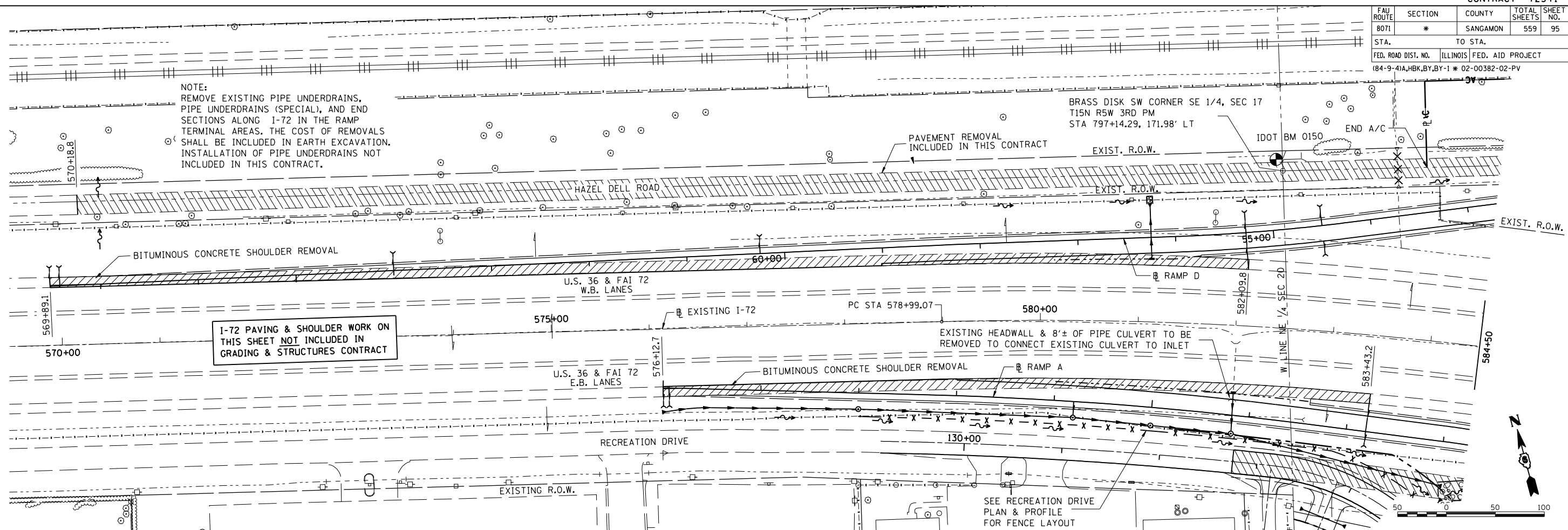
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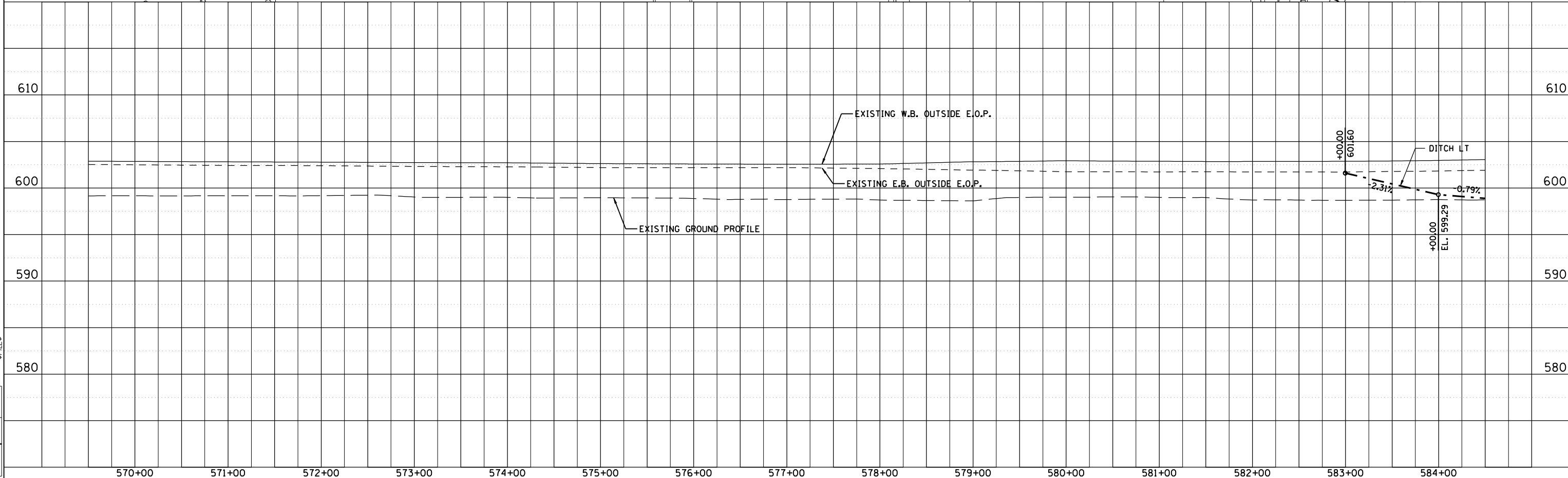


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	95
STA. 8071		TO STA. 8072		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
184-9-41A,HBK,BY,BY-1		* 02-00382-02-PV		

NOTE:  
 REMOVE EXISTING PIPE UNDERDRAINS, PIPE UNDERDRAINS (SPECIAL), AND END SECTIONS ALONG I-72 IN THE RAMP TERMINAL AREAS. THE COST OF REMOVALS SHALL BE INCLUDED IN EARTH EXCAVATION. INSTALLATION OF PIPE UNDERDRAINS NOT INCLUDED IN THIS CONTRACT.



I-72 PAVING & SHOULDER WORK ON THIS SHEET NOT INCLUDED IN GRADING & STRUCTURES CONTRACT



EXISTING INTERSTATE 72 STA. 569+50 TO STA. 584+50

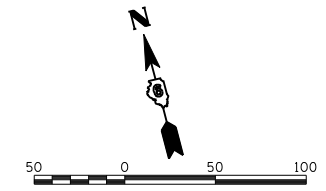
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**HANSON**

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LAYOUT CLG 04/28/06  
 DRAWN CLG 04/28/06  
 REVIEWED JAD/JM 04/28/06  
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 12/16/2006  
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FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	96
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		184-9-41A, HKB, BY-1 * 02-00382-02-PV		

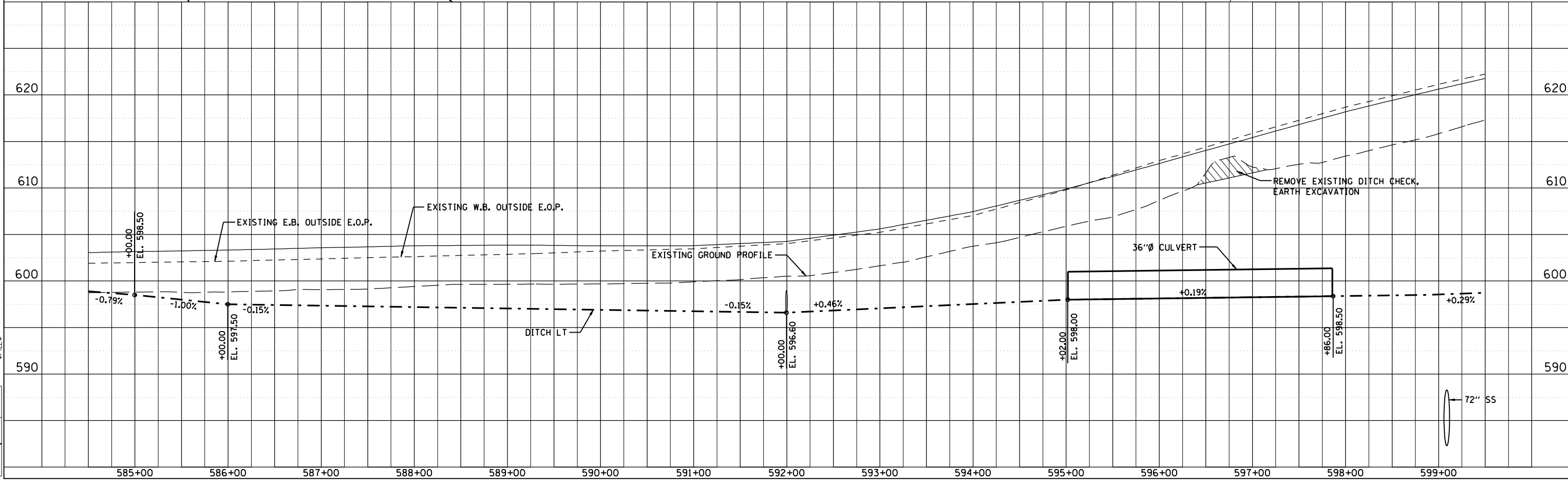
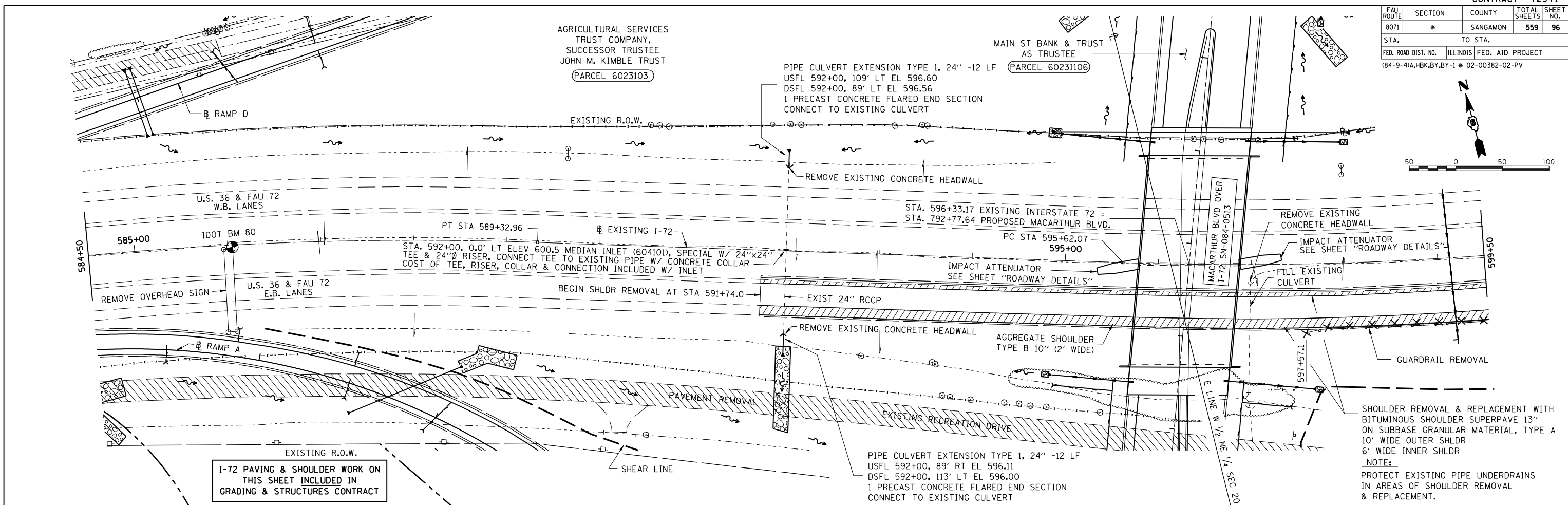


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PROFILE	DATE
DATE	BY
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LAYOUT	DATE
DATE	BY
NO.	NO.

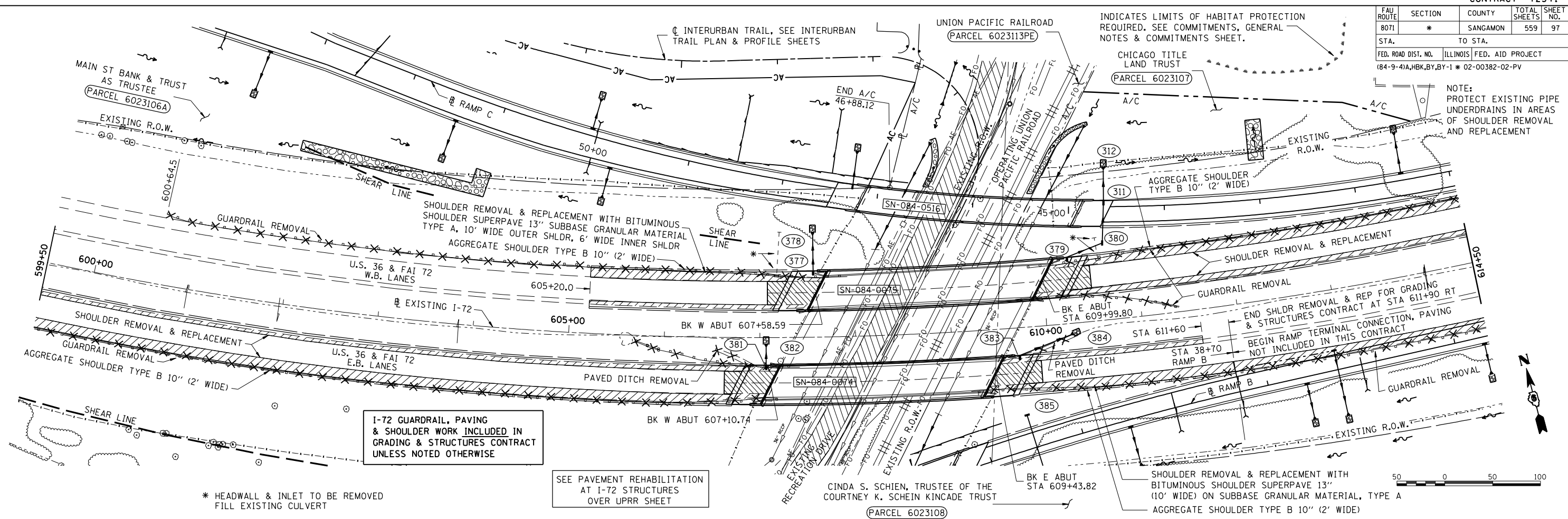


EXISTING INTERSTATE 72 STA. 584+50 TO STA. 599+50

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	97
STA. TO STA.		ILLINOIS FED. AID PROJECT		
84-9-41A, HBK, BY-1		* 02-00382-02-PV		

NOTE:  
PROTECT EXISTING PIPE UNDERDRAINS IN AREAS OF SHOULDER REMOVAL AND REPLACEMENT

INDICATES LIMITS OF HABITAT PROTECTION REQUIRED. SEE COMMITMENTS, GENERAL NOTES & COMMITMENTS SHEET.

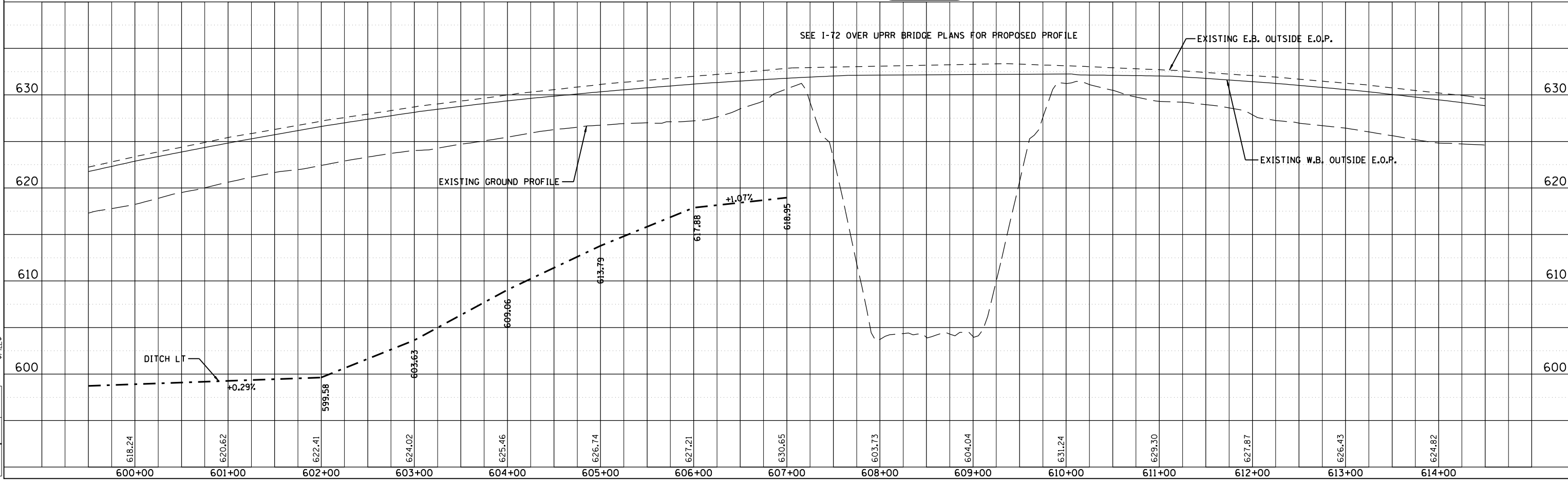


I-72 GUARDRAIL, PAVING & SHOULDER WORK INCLUDED IN GRADING & STRUCTURES CONTRACT UNLESS NOTED OTHERWISE

SEE PAVEMENT REHABILITATION AT I-72 STRUCTURES OVER UPRR SHEET

\* HEADWALL & INLET TO BE REMOVED FILL EXISTING CULVERT

SEE I-72 OVER UPRR BRIDGE PLANS FOR PROPOSED PROFILE



EXISTING INTERSTATE 72 STA. 599+50 TO STA. 614+50

DATE	BY	REVISION

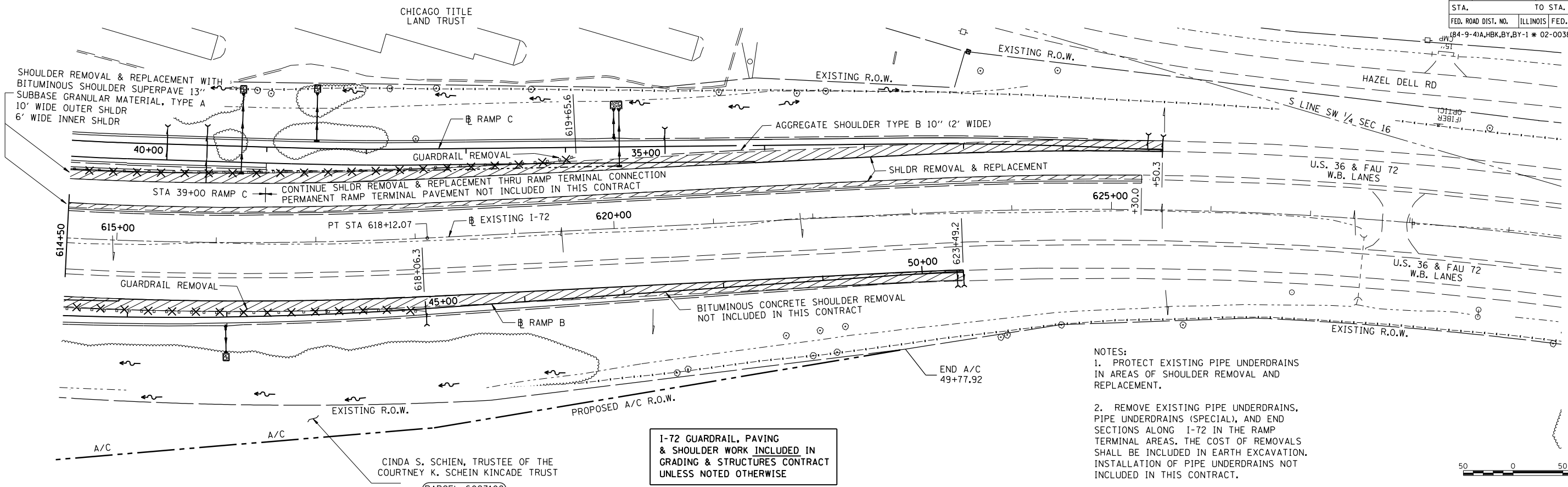
Copyright Hanson Professional Services Inc. 2004

DATE	BY	REVISION

DATE	BY	REVISION
04/28/06	CLG	LAYOUT
04/28/06	CLG	DRAWN
04/28/06	JAD/JM	REVIEWED

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12/16/2006  
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FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	98
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
84-9-41A,HBK,BY,BY-1		02-00382-02-PV		



NOTES:  
 1. PROTECT EXISTING PIPE UNDERDRAINS IN AREAS OF SHOULDER REMOVAL AND REPLACEMENT.  
 2. REMOVE EXISTING PIPE UNDERDRAINS, PIPE UNDERDRAINS (SPECIAL), AND END SECTIONS ALONG I-72 IN THE RAMP TERMINAL AREAS. THE COST OF REMOVALS SHALL BE INCLUDED IN EARTH EXCAVATION. INSTALLATION OF PIPE UNDERDRAINS NOT INCLUDED IN THIS CONTRACT.

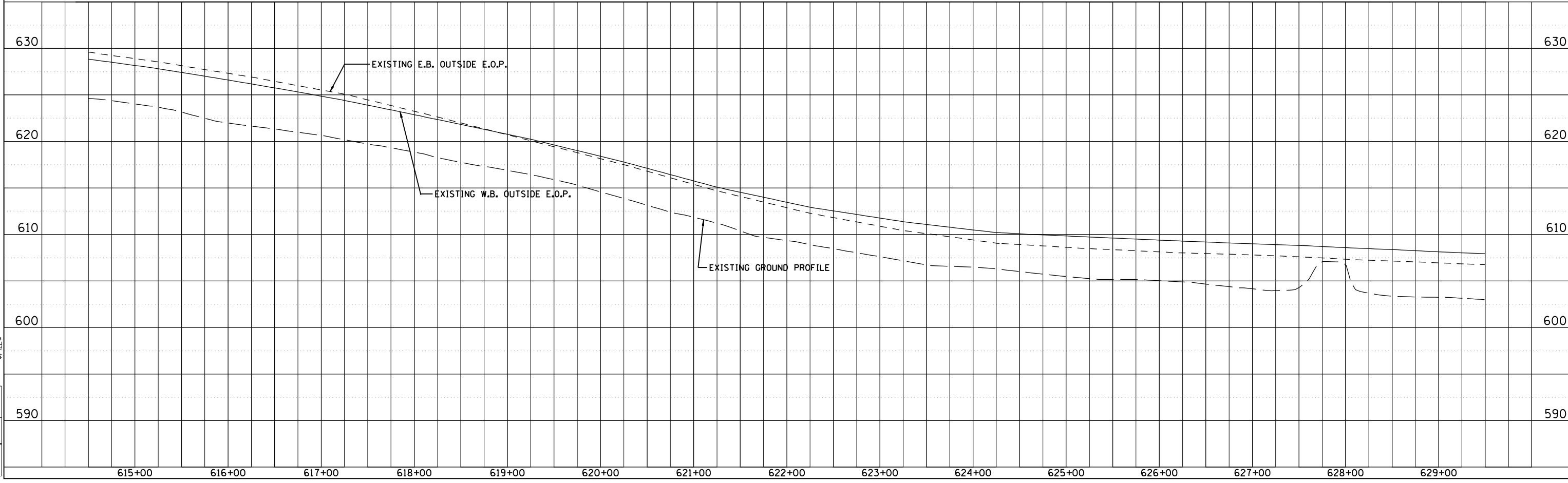
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 DATE FILED

DATE	BY
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PROFILE  
 SURVEYED  
 PLOTTED  
 CHECKED  
 DATE FILED

CLG	04/28/06
CLG	04/28/06
REVIEWED	JAD/JM
	04/28/06



EXISTING INTERSTATE 72 STA. 614+50 TO STA. 629+00



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	99
STA. 8071 TO STA. 8072		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		184-9-41A, H.B.K. BY-1 * 02-00382-02-PV		

**LEGEND**  
 LIMITS OF REMOVAL

**NOTE:**  
 REMOVE EXISTING PIPE UNDERDRAIN, PIPE UNDERDRAIN (SPECIAL), AND END SECTIONS ALONG I-72 BETWEEN STA. 576+12.7 TO STA. 583+43.2. THE COST OF REMOVALS IS INCLUDED IN EARTH EXCAVATION. INSTALLATION OF PIPE UNDERDRAINS NOT INCLUDED IN THIS CONTRACT.

DRAINAGE STRUCTURE NOT CONSTRUCTED IN GRADING & STRUCTURES CONTRACT. SHOWN FOR INFORMATION ONLY.

**NOTE:**  
 INSTALLATION OF PIPE UNDERDRAINS NOT INCLUDED IN THIS CONTRACT.

I-72 PAVING & SHOULDER WORK ON THIS SHEET NOT INCLUDED IN GRADING & STRUCTURES CONTRACT

SEE RECREATION DRIVE PLAN & PROFILE FOR FENCE LAYOUT

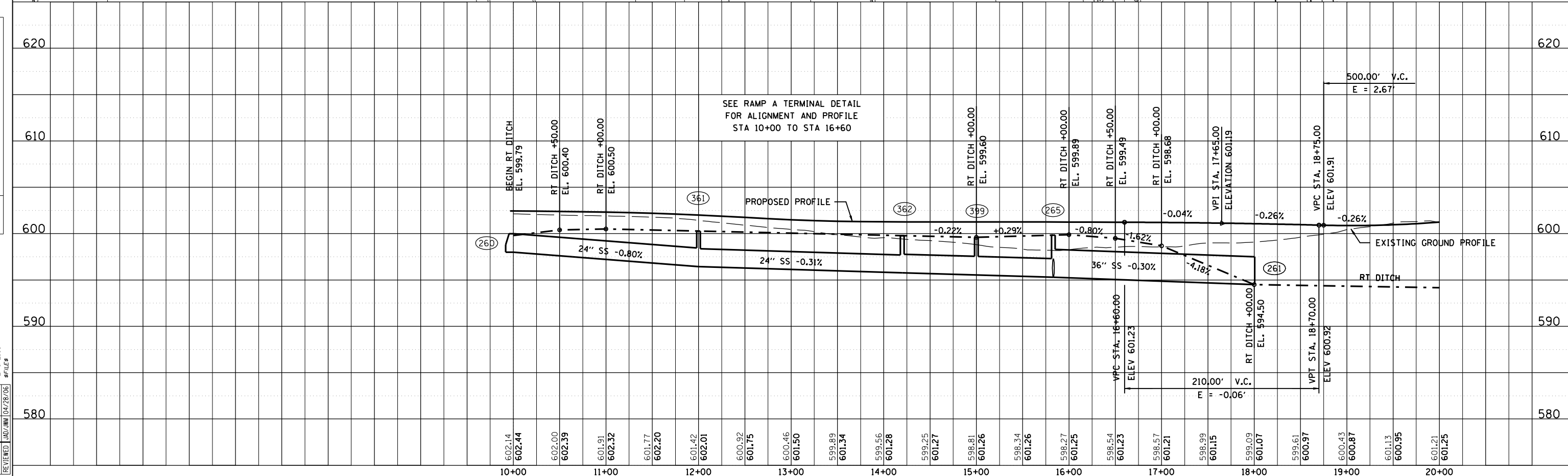
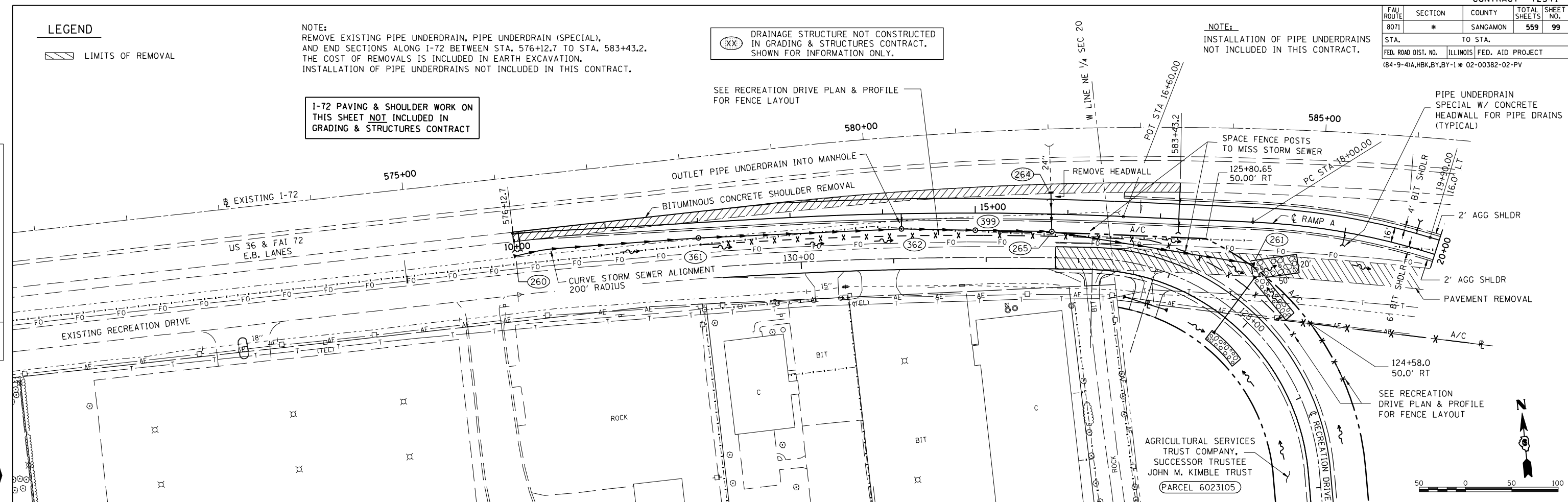
PIPE UNDERDRAIN SPECIAL W/ CONCRETE HEADWALL FOR PIPE DRAINS (TYPICAL)

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DATE	04/28/06
BY	CLG
DATE	04/28/06
BY	JSD/JM



RAMP A STA. 10+00 TO STA. 20+00

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	100

STA. TO STA.

FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
184-9-4)A,HBK,BY,BY-1	* 02-00382-02-PV

**LEGEND**

LIMITS OF REMOVAL

**NOTE:**  
INSTALLATION OF PIPE UNDERDRAINS NOT INCLUDED IN THIS CONTRACT.

DATE	BY

PLAN  
SURVEYED, PLOTTED, CHECKED, DATE FILED  
NOTE BOOK NO. \_\_\_\_\_  
CADD FILE NAME \_\_\_\_\_



DATE	BY

PROFILE  
SURVEYED, PLOTTED, CHECKED, DATE FILED  
NOTE BOOK NO. \_\_\_\_\_  
STRUCTURE NOTATIONS CHKD \_\_\_\_\_

CLG	04/28/06
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REVIEWED	JAD/JM 04/28/06 \$FILE\$

