

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO.	60F12	

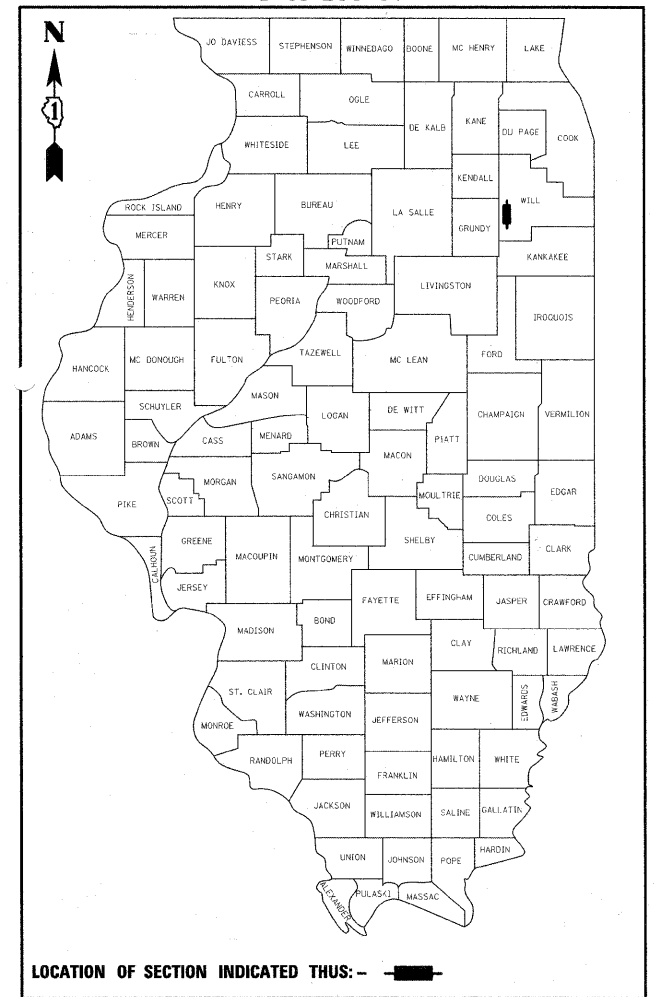
FOR INDEX OF SHEETS, SEE SHEET NO. 2 (VOLUME I)
 FOR INDEX OF SHEETS, SEE SHEET NO. 333 (VOLUME II)
 FOR INDEX OF SHEETS, SEE SHEET NO. 565 (VOLUME III)

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
**PROPOSED
 HIGHWAY PLANS**

ROUTE FAI 55 (I-55)
 SECTION 99-2HB-2B-1
 PROJECT: ACIM-ACBRI-055-6(246)243
 I-55 AT ARSENAL ROAD
 INTERCHANGE RECONSTRUCTION
 WILL COUNTY
 C-91-033-09

D-91-200-07

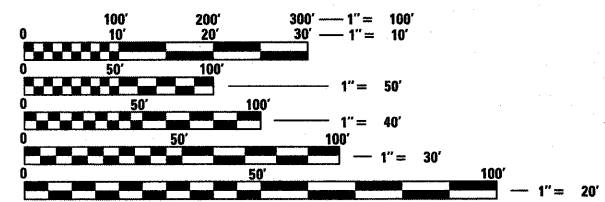


VOLUME I

DESIGN DESIGNATION

I-55 RAMP A	5700(10) INTERSTATE - CLASS I TRUCK ROUTE 11.34 (JPCP-20)
I-55 RAMP B	18500(10) INTERSTATE - CLASS I TRUCK ROUTE 18.20 (JPCP-20)
I-55 RAMP C	18500(10) INTERSTATE - CLASS I TRUCK ROUTE 18.20 (JPCP-20)
I-55 RAMP D	5400(10) INTERSTATE - CLASS I TRUCK ROUTE 11.34 (JPCP-20)
I-55 RAMP E	24200(10) INTERSTATE - CLASS I TRUCK ROUTE 18.20 (JPCP-20)
ARSENAL ROAD	35900(10) SUBURBAN STRATEGIC REGIONAL ARTERIAL (SRA) - CLASS I TRUCK ROUTE 22.47 (JPCP-20)
EAST FRONTAGE ROAD	3400(10) COLLECTOR STREET 3.20 (BIT-20)
WEST FRONTAGE CONNECTOR	4900(10) COLLECTOR STREET 4.63 (JPCP-20)
WEST FRONTAGE ROAD	4900(10) COLLECTOR STREET 3.20 (BIT-20)

DESIGN SPEED: I-55 = 70 MPH
 ARSENAL ROAD = 50 MPH
 EAST FRONTAGE ROAD = 50 MPH
 WEST FRONTAGE CONNECTOR = 50 MPH
 WEST FRONTAGE ROAD = 50 MPH
 RAMP'S A, C, D & E = 50 MPH
 RAMP B = 40 MPH



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

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

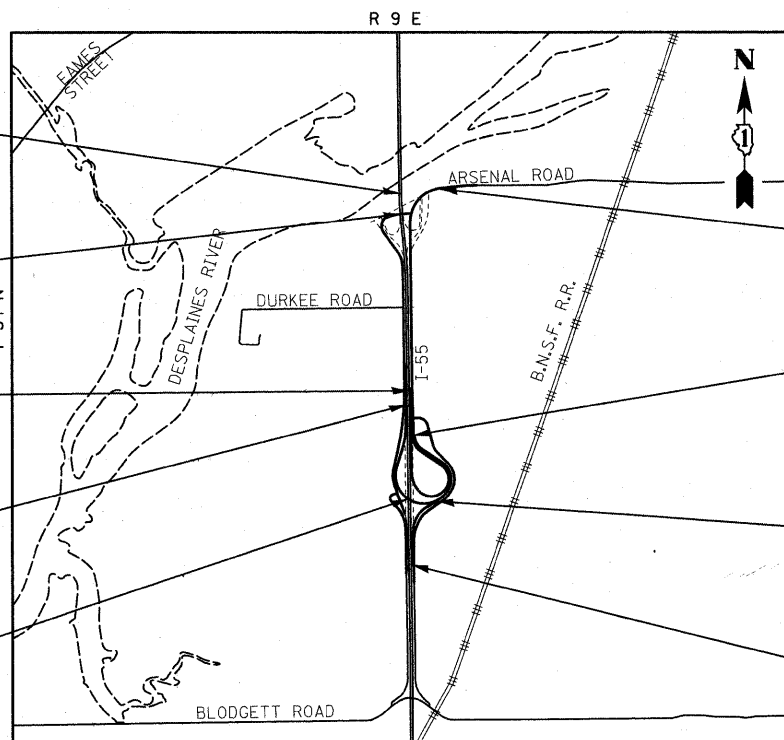


DISTRICT 1 NO. (847) 705-4523
 PROJECT ENGINEER: HELEN PAZON

CONTRACT NO. 60F12

SIGNATURE: *Alan R. Swanson*
 DATE: 01/27/2011
 NAME: ALAN R. SWANSON
 EXP. 11/30/2011
 SHEETS: 1-86, 148-166, 204-219, 253-317, 332-333, 564-565, 585-756

SIGNATURE: *Gerald E. Koylabb*
 DATE: 1/27/2011
 NAME: GERALD E. KOYLABB
 EXP. 11/30/2011
 SHEETS: 318-331, 437-441, 465-563



END SB I-55 IMPROVEMENT
 STA 1121+26.00 @ I-55

WEST FRONTAGE CONNECTOR OVER I-55
 STRUCTURE NO 099-0347
 STA 6087+47.32 TO STA 6089+64.32

END IMPROVEMENT
 STA 3059+93.02 @ RAMP B

BEGIN IMPROVEMENT
 STA 1058+95.57 @ I-55
 STA 1999+91.99 @ RAMP C

RAMP C OVER I-55
 STRUCTURE NO 099-0348
 STA 2028+61.89 TO STA 2030+80.01

END IMPROVEMENT
 STA 977+04.16 @ ARSENAL ROAD

BEGIN IMPROVEMENT
 STA 900+00.00 @ ARSENAL ROAD
 STA 3000+00.00 @ RAMP B
 END IMPROVEMENT
 STA 126+08.25 @ RAMP E

END IMPROVEMENT
 STA 7021+82.16 @ RAMP A
 STA 2038+02.19 @ RAMP C
 BEGIN IMPROVEMENT
 STA 100+00.00 @ RAMP E

BEGIN IMPROVEMENT
 STA 7000+25.39 @ RAMP A

LOCATION MAP
 SCALE = 1:2400

LENGTH OF PROJECT

I-55 SHOULDER RECONSTRUCTION	= 6,465.56 FT = 1.225 MI
RAMP A	= 2,156.77 FT = 0.408 MI
RAMP B/I-55	= 8,134.07 FT = 1.541 MI
RAMP C/I-55	= 7,314.63 FT = 1.385 MI
RAMP E	= 2,608.25 FT = 0.494 MI
ARSENAL ROAD	= 5,565.25 FT = 1.054 MI
WEST FRONTAGE CONNECTOR	= 1,402.58 FT = 0.266 MI
GROSS AND NET LENGTH	= 30,140.54 FT = 5.709 MI



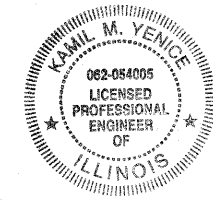
SIGNATURE: *S.S. Rikhiraj*
 DATE: 1/27/2011
 NAME: SADHU SINGH RIKHIRAJ
 EXP. 11/30/2011
 SHEETS: 167-203



SIGNATURE: *Richard A. Young*
 DATE: 1/27/2011
 NAME: RICHARD YOUNG
 EXP. 11/30/2011
 SHEETS: 87-147

LOCATION OF SECTION INDICATED THUS:

Kamil Yenice
 SIGNATURE:
 DATE: 2/4/11
 NAME: KAMIL YENICE
 EXP. 11/30/2011
 SHEETS: 347-436



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED JANUARY 28, 2011

Diana M. O'Keefe
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 26, 2011

Scott F. Stett P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT

March 26, 2011

Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

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VOLUME I

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85	PF-12	RAMP E PROFILE
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VOLUME II

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422	ED-7	TEMPORARY LIGHTING DETAILS 2 OF 2
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433	BE-702	MISC. ELECTRICAL DETAILS SHEET A
434	BE-800	TEMPORARY LIGHT POLE DETAILS
435	BE-801	TEMPORARY AERIAL CABLE INSTALLATION
436	BE-900	SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS
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503-526	SF1 to SF24	WEST FRONTAGE CONNECTOR OVER I-55, STRUCTURE NO. 099-0347
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569	BD-49	DETAIL FOR CENTERLINE SAW CUT 16' (4.9m) AND VARIABLE JOINTED PAVEMENT FOR RAMPS
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688-705	XS(RB)-1 to XS(RB)-18	RAMP B CROSS SECTIONS
706-725	XS(RC)-1 to XS(RC)-20	RAMP C CROSS SECTIONS
726-756	XS(I55)-1 to XS(I55)-31	I-55 CROSS SECTIONS

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\60F12-SHT-INDEX01.dgn	USER NAME = TKLuegel	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS	F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 2	CONTRACT NO. 60F12
PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
PLOT DATE = 3/8/2011	DATE = 2/4/11	REVISED -									

HIGHWAY STANDARDS

STANDARD NO. TITLE

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 202001-01 EARTH MEDIAN DITCH CHECK
- 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
- 353001-04 PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
- 406001-05 ENTRANCE RAMP TERMINAL (FLEXIBLE RAMP PAVEMENT ADJACENT TO FLEXIBLE MAINLINE PAVEMENT)
- 406101-04 EXIT RAMP TERMINAL (FLEXIBLE RAMP PAVEMENT ADJACENT TO FLEXIBLE MAINLINE PAVEMENT)
- 420001-07 PAVEMENT JOINTS
- 420101-04 24' (7.2m) JOINTED PCC PAVEMENT
- 420106-04 36' (10.8m) JOINTED PCC PAVEMENT
- 420401-08 BRIDGE APPROACH PAVEMENT CONNECTOR
- 420701-02 PAVEMENT FABRIC
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT
- 482011-03 HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
- 483001-04 PCC SHOULDER
- 515001-03 NAME PLATE FOR BRIDGES
- 542301-02 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542306-02 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
- 542311-02 GRATING FOR CONCRETE FLARED END SECTION (FOR 600 MM (24") THRU 1300 MM (54") PIPE)
- 601001-04 SUB-SURFACE DRAINS
- 601101-01 CONCRETE HEADWALL FOR PIPE DRAINS
- 602001-02 CATCH BASIN, TYPE A
- 602011-02 CATCH BASIN, TYPE C
- 602301-03 INLET, TYPE A
- 602401-03 MANHOLE, TYPE A
- 602406-04 MANHOLE, TYPE A, 1.8 M (6') DIAMETER
- 602411-02 MANHOLE TYPE A, 2.1 m (7') DIAMETER
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-03 FRAME AND LIDS, TYPE 1
- 604036-02 GRATE, TYPE B
- 604071-04 FRAME AND GRATE, TYPE 20
- 604091-02 FRAME AND GRATE, TYPE 24
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- ~~606301-04 PC CONCRETE ISLANDS AND MEDIANS~~
- 606401-01 PAVED DITCH
- 631006-08 TRAFFIC BARRIER TERMINAL, TYPE 1B
- 631031-04 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635001-01 DELINEATORS
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 637006-02 CONCRETE BARRIER, 42 IN. (1065 MM) HEIGHT
- 638001-02 GLARE SCREEN BLADES
- 664001-02 CHAIN LINK FENCE
- 666001-01 RIGHT-OF-WAY MARKERS
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 M (15') AWAY
- 701006-03 OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
- 701101-02 OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
- 701206-03 LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS > 45 MPH
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
- 701400-05 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-06 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701411-07 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
- 701421-03 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
- 701431-06 LANE CLOSURE, MULTILANE, UNDIVIDED WITH CROSSOVER, FOR SPEEDS > 45 MPH TO 55 MPH
- 701601-07 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W, WITH NONTRAVERSABLE MEDIAN
- 701606-07 LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
- 701901-01 TRAFFIC CONTROL DEVICES
- 704001-06 TEMPORARY CONCRETE BARRIER
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-02 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 729001-01 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS
- 814001-02 HANDHOLES
- 814006-02 DOUBLE HANDHOLES
- 837001 LIGHT TOWER FOUNDATION
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING

STANDARD NO. TITLE

- 877001-04 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 877006-03 STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
- 878001-08 CONCRETE FOUNDATION DETAILS
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUT FOR DETECTION LOOPS

FILE NAME = D:\60F12-SHT-HWYSTD01.dgn	USER NAME = TKJuegl	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGHWAY STANDARDS	F.A.I RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 3	
PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	REVISED -			SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.	
PLOT DATE = 2/3/2011	DATE - 2/4/11	REVISED -	REVISED -			CONTRACT NO. 60F12					
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

COMMITMENTS

- PRIOR TO CONSTRUCTION COMMENCING IN THE INTERSTATE 55/ARSENAL ROAD INTERCHANGE AREA, THE LOCATION OF THE FALSE MALLOW, BLANDING'S TURTLE, AND RED-TAILED PRAIRIE LEAFHOPPER WILL BE IDENTIFIED AND FENCING WILL BE ERECTED AROUND THE AREA TO PREVENT THE INTRUSION OF PERSONNEL AND VEHICLES. ALSO, A TRAINING SESSION WILL BE HELD AT THE PRE-CONSTRUCTION MEETING TO ALERT CONSTRUCTION PERSONNEL OF THE SENSITIVITY OF THE PLANT AND ANIMAL SPECIES AND THE NEED TO AVOID ACCIDENTAL INTRUSIONS OR SPILLS IN THE AREA. THE TRAINING SESSION WILL ALSO ADDRESS ACCIDENTAL INTRUSIONS INTO THE NOTEWORTHY BOTANICAL AREAS THAT WILL NOT BE IMPACTED.
- A RETAINING WALL IS PROPOSED ALONG THE EAST SIDE OF THE EXTENSION OF ARSENAL ROAD ALONG THE EAST FRONTAGE OF INTERSTATE 55 TO MINIMIZE RIGHT-OF-WAY ACQUISITION FROM THE HIGH QUALITY WETLAND AND FLOOD PLAIN.
- THE IDNR INCIDENTAL TAKE AUTHORIZATION FOR THE BLANDING'S TURTLE SHALL BE EXECUTED PRIOR TO PROJECT AWARD.
- HIGH MAST INTERCHANGE LIGHTING WILL BE INSTALLED AS PART OF THE INTERCHANGE IMPROVEMENT. IN ORDER TO MINIMIZE IMPACT ON THE ADJACENT WETLANDS AND BOTANICAL SITES, SHIELDING OF THE LIGHTS WILL BE INCLUDED TO REDUCE THE AMOUNT OF LIGHT FALLING BEYOND THE INTERCHANGE RAMPS.
- ANY INTERMITTENT LANE CLOSURES ON INTERSTATE 55 TO CONSTRUCT THE PROPOSED BRIDGE PIERS FOR THE SOUTHBOUND EXIT RAMP FLYOVER BRIDGE AND THE WEST FRONTAGE ROAD BRIDGE MUST BE DONE DURING NIGHTTIME HOURS. NO LANE CLOSURES WILL BE ALLOWED ON INTERSTATE 55 DURING DAYTIME HOURS.
- INSTALLATION OF EMERGENCY VEHICLE PREEMPTION EQUIPMENT WILL BE COORDINATED WITH THE CHANNAHON FIRE DEPARTMENT VIA A LETTER OF INTENT THROUGH IDOT OR AN INTERGOVERNMENTAL AGREEMENT THROUGH THE COUNTY.
- THE PROJECT AREA CONTAINS BOTH SENSITIVE PLANT AND ANIMAL SPECIES THAT NEED TO BE AVOIDED DURING CONSTRUCTION. A TRAINING SESSION SHALL BE CONDUCTED BY THE ENGINEER DURING THE PRECONSTRUCTION MEETING TO ALERT PROJECT PERSONNEL ON THE NEED TO AVOID ACCIDENTAL INTRUSIONS OR SPILLS IN THE SENSITIVE AREAS. THE TRAINING SESSION WILL ALSO ADVISE PROJECT PERSONNEL TO AVOID ACCIDENTAL INTRUSIONS OR SPILLS INTO NOTE-WORTHY BOTANICAL AND WETLAND AREAS. ALL SENSITIVE AREAS ARE TO BE FENCED OFF AND CLEARLY MARKED AS SHOWN ON THE EROSION AND SEDIMENT CONTROL DRAWINGS.
- THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS 404 PERMIT. THE PERMIT ISSUED TO THE DEPARTMENT DOES NOT COVER IN STREAM WORK BY THE CONTRACTOR; THEREFORE AFTER AWARD, THE CONTRACTOR WILL NEED TO COORDINATE AND HAVE HIS WORK PLAN APPROVED BY THE CORPS. GUIDELINES ON ACCEPTABLE IN STREAM WORK TECHNIQUES CAN BE FOUND ON THE CORPS WEBSITE [HTTP://WWW.LRC.USACE.ARMY.MIL/](http://www.lrc.usace.army.mil/)

GENERAL NOTES

- THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
- THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.
- THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER, LISTED IN THE TREE REMOVAL SCHEDULE, OR SHOWN IN THE PLANS SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

GENERAL NOTES

9. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE PAID FOR PER ART. 105.07 OF THE STANDARD SPECIFICATIONS. LOCATING UTILITIES SHALL BE PAID PER ART. 109.04.

10. WET REFLECTIVE TEMPORARY TAPE, TYPE III SHALL BE USED TO OUTLINE EXIT AND ENTRANCE RAMPS FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.

11. THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

12. ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

13. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR ANY AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

14. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF 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.

15. USE #8 EPOXY-COATED TIE BARS, CONFORMING TO ART. 1006.10 OF THE STANDARD SPECIFICATIONS, FOR ALL TIE BARS. USE THE LONGITUDINAL CONSTRUCTION JOINT (TIE BAR GROUTED IN PLACE) DETAIL SHOWN ON HIGHWAY STANDARD 420001 FOR ALL LONGITUDINAL JOINTS AND FOR TYING PCC PAVEMENT WIDENING TO EXISTING CONCRETE PAVEMENT AS SHOWN ON THE PLANS.

16. THE CONTRACTOR SHALL CONTACT IDOT EXPRESSWAY TRAFFIC (847-705-4151) TWO WEEKS PRIOR TO THE PLACEMENT OF FINAL PAVEMENT MARKINGS.

17. THE REMOVAL OF ALL PIPE END SECTIONS ARE INCLUDED IN THE COST OF EARTH EXCAVATION.

18. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

19. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MAT PRIME COAT	0.05	GAL / SQ YD - BETWEEN LIFTS
	0.5	GAL / SQ YD - AGGREGATE
	0.1	GAL / SQ YD - ABOVE PCC BASE
AGGREGATE (PRIME COAT)	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
LEVEL BINDER (HAND METHOD)	112	LBS / SQ YD / IN
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION

20. ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

21. MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
 ALLIANCE: CHRIS CLEVELAND 815-370-3520
 AT&T: MITCH CULLEN 630-573-6447
 COM ED: TIM COSLET 815-724-5010
 MGT: JUSTIN MALONEY 815-690-7901
 NICOR: ED VANSCOIT 815-740-4100 EXT 261
 ONE OK NORTH: ROBERT WILD 815-942-2230 EXT. 2114
 TEPPCO: MIKE BOOMSMA 708-906-8659

22. THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

23. THE CONTRACTOR SHALL MAINTAIN EXISTING STREET ACCESS, EXISTING DRIVEWAY ACCESS, AND PEDESTRIAN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT, UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE ITEM "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)".

24. SAWING OF REMOVAL ITEMS AS NOTED ON THE PLANS, SPECIFIED IN THE STANDARD SPECIFICATIONS, OR AS REQUIRED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED

25. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT

26. HORIZONTAL CONTROL IS BASED ON IL STATE PLANE COORDINATES, EAST ZONE, NAD-83. NGS MONUMENT PID *AE2474 WAS RECEIVED AND USED. COORDINATES AND DISTANCES SHOWN ARE "GROUND" COORDINATES. COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548.

27. ELEVATIONS ARE BASED ON NGS MONUMENT PID *MF0335 AND NAVD-88 DATUM.

28. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

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

30. R.O.W. FENCING: THE PROPOSED R.O.W. FENCE SHOWN ON THE PLANS SHALL BE PLACED ONLY AT LOCATIONS WHERE PRIVATE FENCES PREVIOUSLY EXISTED. IF THE PROPERTY OWNERS HAVE ALREADY REPLACED THE PRIVATE FENCES, THEN THE R.O.W. FENCE SHALL BE OMITTED AT THOSE LOCATIONS, AS DIRECTED BY THE ENGINEER. THE FENCE QUANTITY SHALL BE REDUCED ACCORDINGLY. THIS WORK WILL BE MEASURED AND PAID FOR AS "TEMPORARY FENCE (SPECIAL)."

31. THE TIE BARS AT THE LONGITUDINAL CONSTRUCTION JOINT BETWEEN THE PCC SHOULDER AND THE ANCHOR SLAB SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST PER SQUARE YARD OF THE PCC SHOULDER.

32. BEDROCK AND UTILITY ELEVATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY IN FIELD.

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	PLOT DATE = 2/3/2011	DATE - 2/4/11	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND COMMITMENTS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	4
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES			
				0001	0040	0010	0008 0021
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,583	1,583			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	368	368			
20100500	TREE REMOVAL, ACRES	ACRE	4.25	4.25			
20200100	EARTH EXCAVATION	CU YD	158,750	158,750			
20200200	ROCK EXCAVATION	CU YD	605	605			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	26,872	26,872			
20400800	FURNISHED EXCAVATION	CU YD	131,190	131,190			
20700220	POROUS GRANULAR EMBANKMENT	CU YD	12,130	8,241	3,889		
20800150	TRENCH BACKFILL	CU YD	8,133	8,133			
21001000	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	12,225	12,225			
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	35,000	35,000			
* 21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	179,564	179,564			
* 25000210	SEEDING, CLASS 2A	ACRE	22.9	22.9			
* 25000310	SEEDING, CLASS 4	ACRE	35.2	35.2			
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2,130	2,130			
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2,130	2,130			
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2,130	2,130			
25000775	SELECTIVE MOWING STAKES	EACH	62	62			
25100115	MULCH, METHOD 2	ACRE	144.4	144.4			
25100630	EROSION CONTROL BLANKET	SQ YD	133,721	133,721			
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	80	80			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	11,515	11,515			
28000305	TEMPORARY DITCH CHECKS	FOOT	1,320	1,320			
28000400	PERIMETER EROSION BARRIER	FOOT	30,500	30,500			
28000500	INLET AND PIPE PROTECTION	EACH	26	26			
28000510	INLET FILTERS	EACH	62	62			
28100105	STONE RIPRAP, CLASS A3	SQ YD	270	270			
28100107	STONE RIPRAP, CLASS A4	SQ YD	263	263			
28100109	STONE RIPRAP, CLASS A5	SQ YD	1,256	1,256			
28200200	FILTER FABRIC	SQ YD	1,761	1,761			
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	5,628	5,628			
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	90,384	90,384			
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	15,863	15,863			
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	1,521	1,521			
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	427	427			
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	10,826	10,826			

* DENOTES SPECIALTY ITEM

FILE NAME =
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USER NAME = TKluegel
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PLOT DATE = 2/4/2011

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DATE - 2/4/11

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 11 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 5
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F12	

Rev.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES				
				0001	0040	0010	0008	0021
40600300	AGGREGATE (PRIME COAT)	TON	3	3				
40600895	CONSTRUCTING TEST STRIP	EACH	2	2				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	145	145				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	2,100	2,100				
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	171	171				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,868	1,868				
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	620	620				
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	81,384	81,384				
42001300	PROTECTIVE COAT	SQ YD	128,936	128,936				
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	2,237	2,237				
44000100	PAVEMENT REMOVAL	SQ YD	67,105	67,105				
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1,261	1,261				
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	1,126	1,126				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	4,780	4,780				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,384	1,384				
44004000	PAVED DITCH REMOVAL	FOOT	32	32				
44004250	PAVED SHOULDER REMOVAL	SQ YD	23,910	23,910				
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	7,783	7,783				
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	42	42				
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	7,430	7,430				
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	95	95				
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	16,627	16,627				
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SQ YD	28,400	28,400				
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1			1		
50200100	STRUCTURE EXCAVATION	CU YD	11,683		11,600			83
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	5,207	2,014	2,440	38	65	650
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	2,318		2,000	24	294	
50300225	CONCRETE STRUCTURES	CU YD	6,634.2		5,873.5	247.5	377.2	136
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,345.1			667.6	677.5	
50300260	BRIDGE DECK GROOVING	SQ YD	2,782			1,302	1,480	
50300280	CONCRETE ENCASEMENT	CU YD	7.6			7.6		
50300300	PROTECTIVE COAT	SQ YD	3,159			1,409	1,750	
50400735	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE BULB T-BEAMS 63"	FOOT	1,501			1,501		
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1				1	
50500505	STUD SHEAR CONNECTORS	EACH	2,046				2,046	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,091,007	2,250	658,020	188,580	238,460	4,297

• DENOTES SPECIALTY ITEM

FILE NAME =
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USER NAME = TKLuege
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	6
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F12	

ACIM
ROADWAY
URBAN
90% FED.
10% STATE
RETAINING WALLS
ACBRF
WEST FRONTAGE
SB OVER I-55
SN 089-034B
ACIM
SB EXIT RAMP
OVER I-55
SN 089-034B
ELECTRICAL
TRAFFIC-
SURVEILLANCE

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES				
				0001	0040	0010	0008	0021
50800515	BAR SPLICERS	EACH	232			108	124	
51100100	SLOPE WALL 4 INCH	SQ YD	1,036			288	748	
51201600	FURNISHING STEEL PILES HP12X53	FOOT	1,010				1,010	
51201900	FURNISHING STEEL PILES HP14X89	FOOT	300			300		
51202305	DRIVING PILES	FOOT	1,310			300	1,010	
51203600	TEST PILE STEEL HP12X53	EACH	2				2	
51203900	TEST PILE STEEL HP14X89	EACH	2			2		
51204650	PILE SHOES	EACH	60			14	46	
51500100	NAME PLATES	EACH	2			1	1	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	155				155	
52100520	ANCHOR BOLTS, 1"	EACH	56				56	
52100530	ANCHOR BOLTS, 1 1/4"	EACH	28				28	
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	74	74				
542A2749	PIPE CULVERTS, CLASS A, TYPE 4 24"	FOOT	205	205				
542A3403	PIPE CULVERTS, CLASS A, TYPE 5 48"	FOOT	255	255				
542A3409	PIPE CULVERTS, CLASS A, TYPE 5 54"	FOOT	223	223				
542A5482	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 27"	FOOT	270	270				
542A5497	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT						
542A5509	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 54"	FOOT	261	261				
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	6	6				
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3	3				
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6	6				
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4	4				
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	2	2				
54213699	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 54"	EACH	1	1				
54214512	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 27"	EACH	6	6				
54214527	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 42"	EACH	1	1				
54214539	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 54"	EACH	3	3				
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	6	6				
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	4	4				
54247190	GRATING FOR CONCRETE FLARED END SECTION 48"	EACH	2	2				
54247200	GRATING FOR CONCRETE FLARED END SECTION 54"	EACH	1	1				
54248140	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 27"	EACH	6	6				
54248170	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 42"	EACH	1	1				
54248190	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 54"	EACH	3	3				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	407	407				

• DENOTES SPECIALTY ITEM

FILE NAME =
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USER NAME = TKluegel
PLOT SCALE = 1:50
PLOT DATE = 2/4/2011

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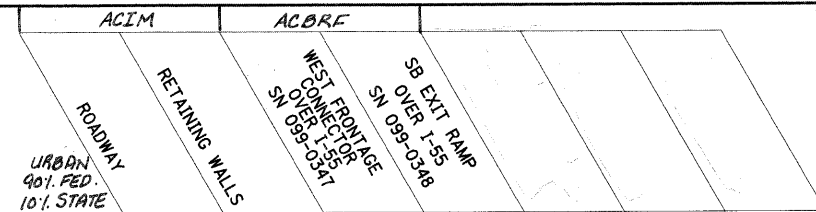
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 3 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	7
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F12	



CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES			
				0001	0040	0010	0008
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	524	524			
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	458	458			
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	527	527			
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	506	506			
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	70	70			
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	490	490			
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	678	678			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	749	749			
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	492	492			
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	246	246			
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	246	246			
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	3,117	3,117			
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	885	885			
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	1,249	1,249			
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	490	490			
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	82	82			
550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	1,368	1,368			
550A4700	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	69	69			
55100500	STORM SEWER REMOVAL 12"	FOOT	365	365			
55100700	STORM SEWER REMOVAL 15"	FOOT	222	222			
55100900	STORM SEWER REMOVAL 18"	FOOT	1,176	1,176			
55101200	STORM SEWER REMOVAL 24"	FOOT	595	595			
55101400	STORM SEWER REMOVAL 30"	FOOT	127	127			
58600100	SAND BACKFILL	CU YD	465	465			
58700300	CONCRETE SEALER	SQ FT	507				507
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	4,773		4,623	150	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	66	66			
60100905	PIPE DRAINS 4"	FOOT	33		33		
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1			
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	3	3			
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2			
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	6			
60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	4			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5			
60219510	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	6	6			
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1			

• DENOTES SPECIALTY ITEM

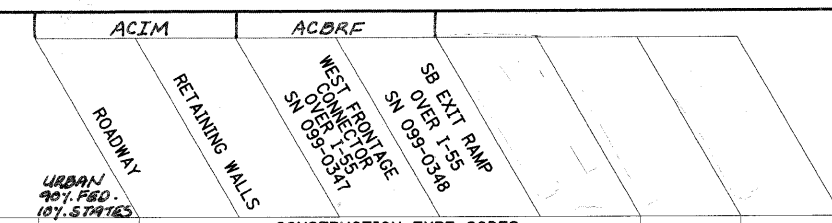
FILE NAME = D:\60F12-SHT-SQ004.dgn	USER NAME = TKluegel	DESIGNED - MJT	REVISED -
		DRAWN - MJT	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	8
CONTRACT NO. 60F12			Rev.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES			
				0001	0040	0010	0008
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2			
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	16	16			
60222210	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	14	14			
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5			
60224035	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1	1			
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1			
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	1	1			
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	19	19			
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1			
60500040	REMOVING MANHOLES	EACH	4	4			
60500050	REMOVING CATCH BASINS	EACH	1	1			
60600605	CONCRETE CURB, TYPE B	FOOT	162	162			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	247	247			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3,974	3,974			
60608521	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24	FOOT	586	586			
60615400	PAVED DITCH, TYPE A-15	FOOT	745	745			
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	24,635	24,635			
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	266	266			
60624600	CORRUGATED MEDIAN	SQ FT	296	296			
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,613	2,613			
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	10	10			
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4			
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	12	12			
63200310	GUARDRAIL REMOVAL	FOOT	5,672	5,672			
63500105	DELINEATORS	EACH	162	162			
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	4,385	4,385			
63700900	CONCRETE BARRIER BASE	FOOT	17,511	17,511			
66400305	CHAIN LINK FENCE, 6'	FOOT	15,621	15,621			
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	6,100	6,100			
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1			
66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5			
67100100	MOBILIZATION	L SUM	1	1			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	43	43			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	44,747	44,747			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	9,681	9,681			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	37,678	37,678			
* 72000100	SIGN PANEL - TYPE 1	SQ FT	245	245			

* DENOTES SPECIALTY ITEM

FILE NAME = D:\60F12-SHT-S0005.dgn	USER NAME = TK\uegel	DESIGNED - MJT	REVISED -
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		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 5 OF 11 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 9
CONTRACT NO. 60F12				Rev.
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ACIM
 ROADWAY
 RETAINING WALLS
 ACBRF
 WEST FRONTAGE
 OVER I-55
 SN 039-0348
 SB EXIT RAMP
 OVER I-55
 SN 039-0348
 ACIM
 ELECTRICAL
 TRAFFIC
 SURVEILLANCE

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES				
				0001	0040	0010	0008	0021
72000200	SIGN PANEL - TYPE 2	SQ FT	259	259				
72000300	SIGN PANEL - TYPE 3	SQ FT	2,486	2,486				
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	292	292				
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	122	122				
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	1,120	1,120				
72600100	MILE POST MARKER ASSEMBLY	EACH	10	10				
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	9,904	9,904				
72900100	METAL POST - TYPE A	FOOT	100	100				
72900200	METAL POST - TYPE B	FOOT	428	428				
73000100	WOOD SIGN SUPPORT	FOOT	681	681				
73301840	OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER, TYPE A	FOOT	138	138				
73302110	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE I-C-A (24" X 4'-6")	FOOT	25	25				
73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5'-6")	FOOT	56	56				
73302210	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT	36	36				
73400100	CONCRETE FOUNDATIONS	CU YD	22	22				
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	36.2	36.2				
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	67	67				
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	18	18				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	23,311	23,311				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	12,738	12,738				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,955	2,955				
* 78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	4,780	4,780				
* 78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	1,324	1,324				
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	46,024	46,024				
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	595	595				
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	60,132	60,132				
* 78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	2,480	2,480				
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	2,248	2,248				
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	1,536	1,536				
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	3,629	3,629				
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	82	82				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,024	1,024				
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	9	9				
* 78100300	REPLACEMENT REFLECTOR	EACH	604	604				
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	39	39				
* 78200520	BARRIER WALL MARKERS, TYPE B	EACH	191	191				
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	1,900	1,900				
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	12	12				

* DENOTES SPECIALTY ITEM

FILE NAME = D:\60F12-SHT-S0026.dgn	USER NAME = TKluegel	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 10
PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	REVISED -		SCALE: NONE	SHEET NO. 6 OF 11 SHEETS	STA.	TO STA.	CONTRACT NO. 60F12				
PLOT DATE = 2/4/2011	DATE - 2/4/11	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								
Rev													

ACIM
 ROADWAY
 URBAN 90% FED 10% STATE
 RETAINING WALLS
 ACBRF
 WEST FRONTAGE
 WEST CONNECTOR
 SN 099-0347
 SB EXIT RAMP
 OVER I-55
 SN 099-0348
 ACIM
 ELECTRICAL
 TRAFFIC SURVEILLANCE
 ACIM
 TRAFFIC SIGNALS

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES					0021	0021
				0001	0040	0010	0008	0008		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	19,742	19,742						
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2					2		
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1.0					1.0		
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1,469					925	544	
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	164						164	
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	22						22	
81000900	CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL	FOOT	19						19	
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	2,037					2,017	20	
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	2,032					1,940	92	
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	2,987					2,757	230	
81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	414					414		
81101000	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., GALVANIZED STEEL	FOOT	5,102					5,102		
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	10					10		
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	2					2		
81300960	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 12"	EACH	2					2		
81400100	HANDHOLE	EACH	5						5	
81400200	HEAVY-DUTY HANDHOLE	EACH	25					23	2	
81400300	DOUBLE HANDHOLE	EACH	1						1	
* 81603203	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (EPR-TYPE RHW), 1 1/2" DIA. POLYETHYLENE	FOOT	32,673					32,673		
* 81700110	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 10	FOOT	1,752					1,752		
* 81701385	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 3-1/C 350MCM	FOOT	144					144		
* 81800320	AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	8,333					8,333		
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	47,276					46,507	769	
* 82105700	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT	EACH	198					198		
* 83057515	LIGHT POLE, WOOD, 100 FOOT, CLASS 1, WITH 15FT MAST ARM	EACH	11					11		
* 83504700	LIGHT TOWER, 120 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	48					48		
* 83505700	LIGHT TOWER, 130 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	33					33		
* 83700350	LIGHT TOWER FOUNDATION, 54" DIAMETER	FOOT	1,372.67					1,372.67		
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	64					64		
* X0440116	RELOCATE EXISTING LIGHTING UNIT, SPECIAL	EACH	10					10		
* 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2					2		
* 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2					2		
* 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1					1		
* 85000300	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	L SUM	1						1	
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1						1	
* 86200200	UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	1						1	

* DENOTES SPECIALTY ITEM

FILE NAME = D:\60F12-SHT-S0007.dgn	USER NAME = TKuegel	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 11
PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	REVISED -		SCALE: NONE	SHEET NO. 7 OF 11 SHEETS	STA.	TO STA.	CONTRACT NO. 60F12				
PLOT DATE = 2/4/2011	DATE - 2/4/11	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								
Rev.													

ACIM
 ROADWAY
 URBAN
 90% FED
 10% STATE

RETAINING WALLS

ACBRF
 WEST FRONTAGE
 OVER I-55
 SN 099-0347

ACIM
 SB EXIT RAMP
 OVER I-55
 SN 099-0348

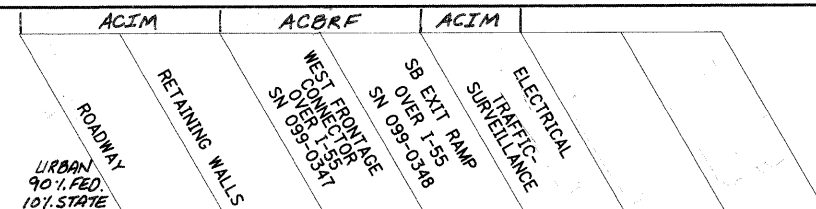
ACIM
 ELECTRICAL
 TRAFFIC
 SURVEILLANCE

ACIM
 TRAFFIC
 SIGNALS

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES					0021	0021
				0001	0040	0010	0008	0008		
87000140	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (EPR-TYPE TC) 2/C NO. 2 AND NO. 8 GROUND	FOOT	1,720						1,720	
87000214	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (EPR-TYPE TC) 3/C NO. 2 AND NO. 4 GROUND	FOOT	4,727						4,727	
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,007							1,007
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,360							1,360
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	810							810
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4,102					1,275		2,827
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	59							59
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2							2
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1							1
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1							1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12							12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4							4
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	27							27
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6							6
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1							1
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2							2
88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1							1
88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1							1
88040030	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	1							1
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8							8
88500100	INDUCTIVE LOOP DETECTOR	EACH	54					46		8
88700200	LIGHT DETECTOR	EACH	3							3
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1							1
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1							1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2							2
89502380	REMOVE EXISTING HANDHOLE	EACH	6							6
* K0013000	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	347.00	347.00						
* K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	347.00	347.00						
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	22,599	22,599						
* X0322433	LIGHT TOWER, SERVICE PAD	EACH	33						33	
* X0322434	LIGHT TOWER, SERVICE PAD, SPECIAL	EACH	14						14	
* X0323898	CLOSED CIRCUIT TELEVISION DOME CAMERA	EACH	2						2	
* X0323914	FIBER OPTIC CABLE SPLICE - LATERAL	EACH	7						7	
* X0323917	CABINET, MODEL 334	EACH	5						5	
* X0323957	FIBER OPTIC CABLE SPLICE - MAINLINE	EACH	4						4	
* X0324044	EROSION CONTROL, TEMPORARY PIPE SLOPE DRAIN	EACH	14	14						

* DENOTES SPECIALTY ITEM

FILE NAME = D160F12-SHT-S0008.dgn	USER NAME = TKluegel	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 12
PLDT SCALE = 1:50	CHECKED - DLT	REVISOR -	DATE - 2/4/11		SCALE: NONE	SHEET NO. 8 OF 11 SHEETS	STA.	TO STA.	CONTRACT NO. 60F12				
PLDT DATE = 2/4/2011	DATE - 2/4/11	REVISOR -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								
					Rev.								



CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES				
				0001	0040	0010	0008	0021
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	6	6				
• X0324234	2070 LITE CONTROLLER	EACH	8					8
• X0324236	BUCK-BOOST TRANSFORMER, 1.5KVA, 240V PRIMARY, 24V SECONDARY	EACH	13					13
• X0324237	CLOSED CIRCUIT TELEVISION DOME CAMERA HIGH MAST TOWER INSTALLATION	EACH	2					2
• X0324245	CONCRETE FOUNDATION, SURVEILLANCE CABINET, MODEL 334	EACH	5					5
• X0324248	DETECTOR RACK	EACH	5					5
• X0324263	REMOVAL OF EXISTING HIGH MAST LIGHT TOWER, SALVAGE	EACH	12					12
X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	4,555	4,555				
• X0325040	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	25,235					25,235
* X0325334	HIGH TENSION CABLE GUARDRAIL	FOOT	11,065	11,065				
X0326020	UTILITY PROTECTION PAD	SQ YD	911	911				
• X0326266	ETHERNET SWITCH	EACH	8					8
• X0326323	UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR, STAINLESS STEEL HOUSING	EACH	8					8
• X0326465	MODIFICATION OF EXISTING VIDEO DISTRIBUTION SYSTEM	L SUM	1					1
* X0326492	REMOVAL OF EXISTING SIGN LIGHTING UNIT AND SALVAGE	EACH	2	2				
X2020502	BRACED EXCAVATION	CU YD	347			224	123	
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	294			294		
• X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	2.6					2.6
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4	4				
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	22,820	22,820				
• X5011100	FOUNDATION REMOVAL	EACH	12					12
X5210110	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 200K	EACH	14				14	
X5210335	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 450K	EACH	7				7	
X6020294	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1				
X6060200	CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)	SQ FT	5,991	5,991				
X6061310	CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)	SQ FT	13,109	13,109				
X6640200	TEMPORARY CHAIN LINK FENCE	FOOT	1,925	1,925				
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	18	18				
X6700600	ENGINEER'S FIELD LABORATORY (SPECIAL)	CAL MO	18	18				
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1				
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	809	809				
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	138,743	138,743				
X7030035	WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH	FOOT	10,208	10,208				
X7030045	WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH	FOOT	4,678	4,678				
X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	1,582	1,582				

• DENOTES SPECIALTY ITEM

FILE NAME = D160F12-SHT-S0009.dgn	USER NAME = Tkluegel	DESIGNED - MJT	REVISED -
		DRAWN - MJT	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 9 OF 11 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 13
CONTRACT NO. 60F12				Rev.
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES					0021	0021
				0001	0040	0010	0008	0021		
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	453	453						
X7040650	REMOVE TEMPORARY CONCRETE BARRIER	FOOT	2,999	2,999						
* X8040310	ELECTRICAL SERVICE DISCONNECT	EACH	5					5		
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1						1	
* X8210190	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT (INSTALL ONLY)	EACH	13					13		
* X8250110	LIGHTING CONTROLLER, RADIO CONTROL, DUPLEX CONSOLE TYPE, WITH SCADA	EACH	2					2		
* X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	25,400					25,400		
* X8710052	FIBER OPTIC TERMINATION PANEL, 12 FIBER, FO TERM PANEL 12F	EACH	5					5		
* X8850102	INDUCTION LOOP	FOOT	642					642		
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	150,746	150,746						
Z0004552	APPROACH SLAB REMOVAL	SQ YD	280.0	280.0						
Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	2,280	2,280						
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1						
Δ Z0014800	CULVERT TO BE CLEANED	FOOT	114	114						
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	2				2			
Z0022800	FENCE REMOVAL	FOOT	21,889	21,889						
Z0023202	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	308	308						
Z0023206	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	9,155	9,155						
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	3	3						
Z0030030	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3						
Z0030150	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2						
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	6	6						
Z0030280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	10	10						
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	16	16						
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103	103						
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18					18		
* Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1					1		
* Z0033052	COMMUNICATIONS VAULT	EACH	8					8		
* 88600700	PREFORMED DETECTOR LOOP	FOOT	1,056					268	788	
Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	3,764				3,764			
Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	5,780	5,780						
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	4,227		4,043	184				
Z0056220	SAND MODULE IMPACT ATTENUATOR TO BE REMOVED	EACH	4	4						
Z0062456	TEMPORARY PAVEMENT	SQ YD	17,847	17,847						
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1						1	
Z0076600	TRAINEES	HOUR								

Δ = Non-participating
• DENOTES SPECIALTY ITEM

FILE NAME = D160F12-SHT-S0010.dgn	USER NAME = TKluengel	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:50	CHECKED - DLT	REVISIED -	REVISED -		SCALE: NONE	SHEET NO. 10 OF 11 SHEETS	STA.	TO STA.	55	99-2HB-2B-1	WILL	756	14
PLOT DATE = 2/4/2011	DATE - 2/4/11	REVISED -	REVISED -						CONTRACT NO. 60F12				
									FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Rev.

ACIM
ACBRF
ACIM
ROADWAY
URBAN
90% FED.
10% STATE
RETAINING WALLS
WEST FRONTAGE
OVERPASS
SN 095-0347
SB EXIT RAMP
OVER I-55
SN 095-0348
ELECTRICAL
SURVEILLANCE

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES				
				0001	0040	0010	0008	0021
X2800305	REMOVE TEMPORARY DITCH CHECKS	FOOT	3,045	3,045				
X2800310	REMOVE PERIMETER EROSION BARRIER	FOOT	40,470	40,470				
X2800320	REMOVE INLET AND PIPE PROTECTION	EACH	31	31				
X2800315	REMOVE INLET FILTERS	EACH	15	15				
X0327213	REMOVE TEMPORARY PIPE SLOPE DRAIN	EACH	13	13				
X6370279	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	5,147	5,147				
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	7,979	7,979				
	CONCRETE BARRIER BASE FOR SINGLE FACE, 6" TOP, 42 INCH HEIGHT	FOOT	5,147	5,147				
	CONCRETE BARRIER BASE FOR SINGLE FACE, 9" TOP, 42 INCH HEIGHT	FOOT	7,979	7,979				
60107700	PIPE UNDERDRAINS 6"	FOOT	32,564	32,564				
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	1,852	1,852				
X7010240	TRAFFIC CONTROL SURVEILLANCE (SPECIAL)	CAL DA	345	345				
X7040600	FURNISH TEMPORARY CONCRETE BARRIER	FOOT	2,999	2,999				
* X8710036	FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	2,095					2,095
* X0327214	REMOVAL OF TEMPORARY WOOD POLES AND FIBER OPTIC CABLE	L SUM	1					1
* X0327215	MAINTAIN TEMPORARY FIBER OPTIC CABLE	CAL MO	12					12
* X0326503	CCTV SYSTEM	L SUM	1					1
* X0327217	REMOVAL OF TEMPORARY STORM SEWER PLUGS	EACH	1	1				
* X8300005	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, SPECIAL	EACH	33					33
* 84200600	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	54					54
* 87001170	ELECTRIC CABLE ASSEMBLY IN TRENCH, 600V (EPR-TYPE TC) 3/C NO. 2 AND NO. 4 GROUND	FOOT	650					650
* 81017525	CONDUIT IN TRENCH, 2" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	1,445					1,445
* X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, No. 18 4/C, TWISTED, SHIELDED	FOOT	4,460					4,460
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING, NO. 6 1 C	FOOT	1,130					1,130
* X8730250	ELECTRIC CABLE IN CONDUIT, CONDUCTOR, NO. 20 3/C, TWISTED, SHIELDED	FOOT	538					538
* 87702596	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 38 FT. AND 40 FT.	EACH	1					1
* X7830072	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	4,780	4,780				
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1,324	1,324				

* DENOTES SPECIALTY ITEM

FILE NAME = D:\60F12-SHT-S0011.dgn
USER NAME = TKLuegel
PLOT SCALE = 1:50
PLOT DATE = 2/4/2011

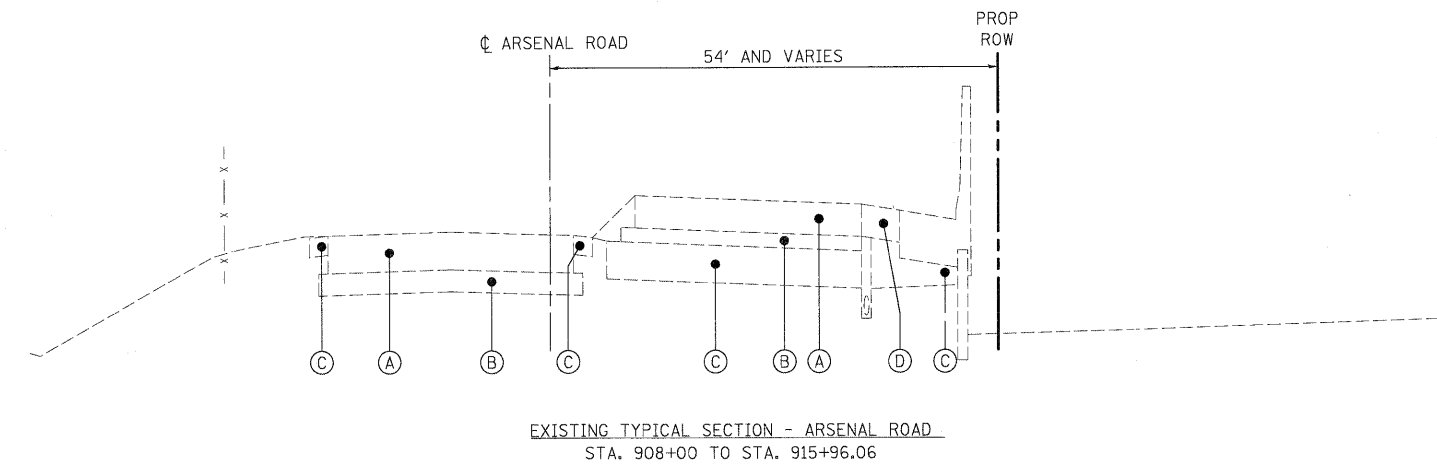
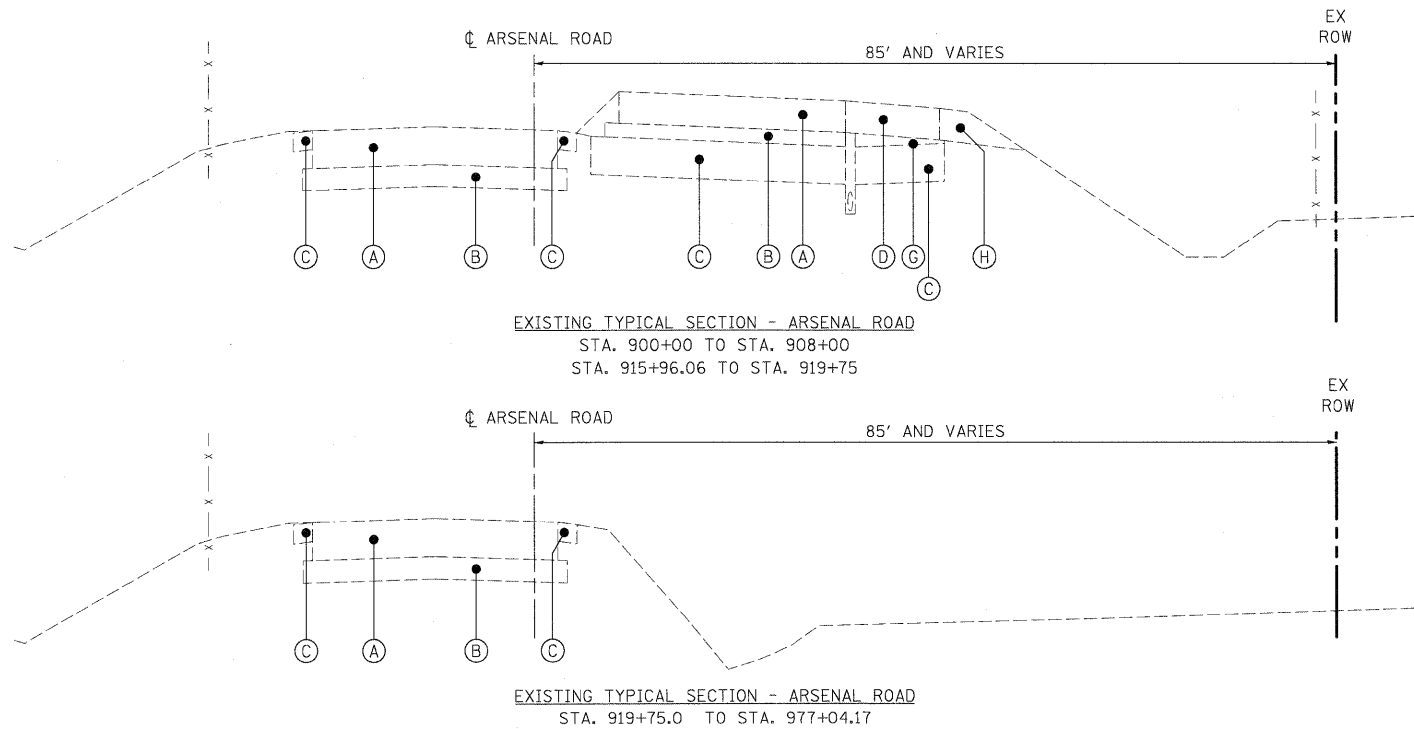
DESIGNED - MJT	REVISED -
DRAWN - MJT	REVISED -
CHECKED - DLT	REVISED -
DATE - 2/4/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 11 OF 11 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	15
CONTRACT NO. 60F12			ILLINOIS FED. AID PROJECT	



HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 8"	4% @ 70 Gyr.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"	4% @ 70 Gyr.
PAVEMENT NEW/RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2 1/4"	4% @ 70 Gyr.
HOT-MIX ASPHALT SHOULDERS, 8" OR HOT-MIX ASPHALT SHOULDERS, 10"	
HMA SHOULDER (HMA BINDER IL-19 mm)	4% @ 70 Gyr.
TEMPORARY PAVEMENT (12")	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 1 1/2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 10 1/2" (IN 4 LIFTS)	4% @ 50 Gyr.
STABILIZED SUB-BASE HOT-MIX ASPHALT, 4 1/2"	
STABILIZED SUBBASE (HMA BINDER IL-19 mm)	2% @ 30 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 8"	4% @ 50 Gyr.

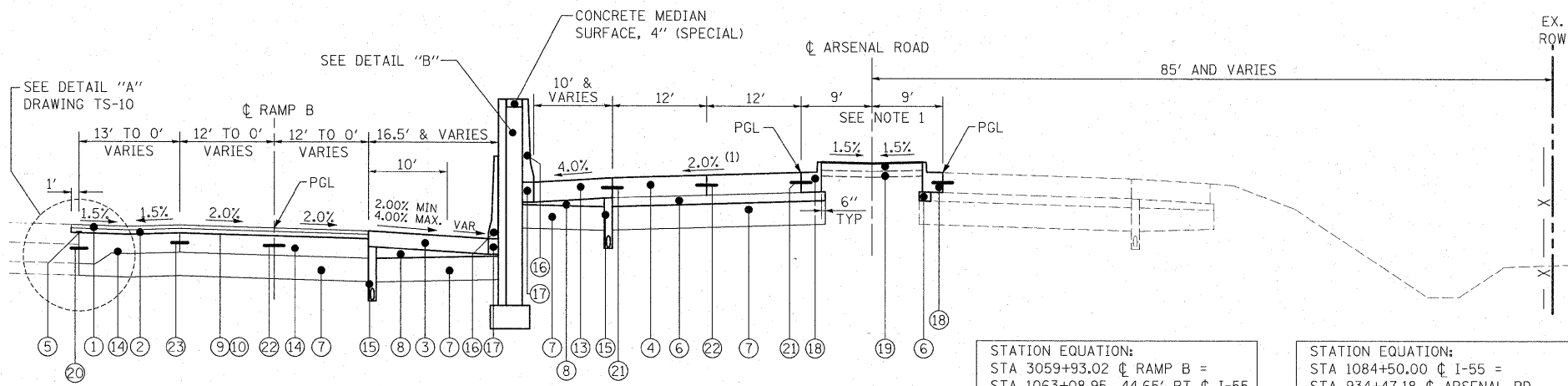
NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.
 NOTE 3: THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING 10" P.C.C. PAVEMENT OR 12" HOT-MIX ASPHALT PAVEMENT AS TEMPORARY PAVEMENT.

EXISTING LEGEND

- | | |
|--|--|
| (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10" & VARIES | (I) EXISTING BITUMINOUS CONCRETE OVERLAY, 3" AND 10" |
| (B) EXISTING HMA SUB-BASE, 4" & VARIES | (J) EXISTING HMA OVERLAY, 4"± |
| (C) EXISTING AGGREGATE SUBGRADE, 12" & VARIES | (K) EXISTING HMA PAVEMENT, 10" & VARIES |
| (D) EXISTING CONCRETE SHOULDER, 10" & VARIES | (L) EXISTING HMA SHOULDER, 10" & VARIES |
| (E) EXISTING CURB & GUTTER | (M) EXISTING BITUMINOUS CONCRETE SHOULDER, VARIES |
| (F) EXISTING PIPE UNDERDRAIN | (N) EXISTING GROUND OR BASE COURSE, VARIES |
| (G) EXISTING SUB-BASE GRANULAR MATERIAL | (O) EXISTING TEMPORARY BARRIER WALL |
| (H) EXISTING AGGREGATE SHOULDER, VARIES | |

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

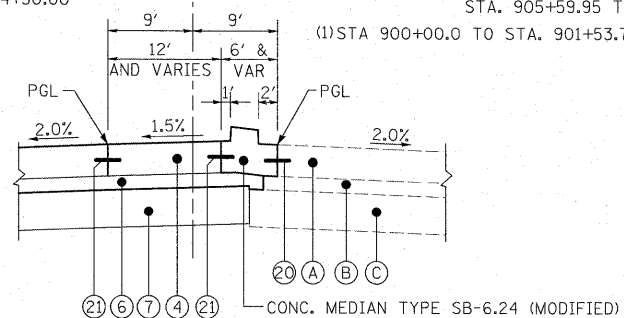
FILE NAME = D160F12-SHT-TYPICAL01.dgn	USER NAME = TKLuegel	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 16
PLOT SCALE = 1/10	CHECKED - DLT	REVISED -	REVISED -			CONTRACT NO. 60F12				
PLOT DATE = 2/3/2011	DATE = 2/4/11	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET NO. 1 OF 10 SHEETS	STA. TO STA.		



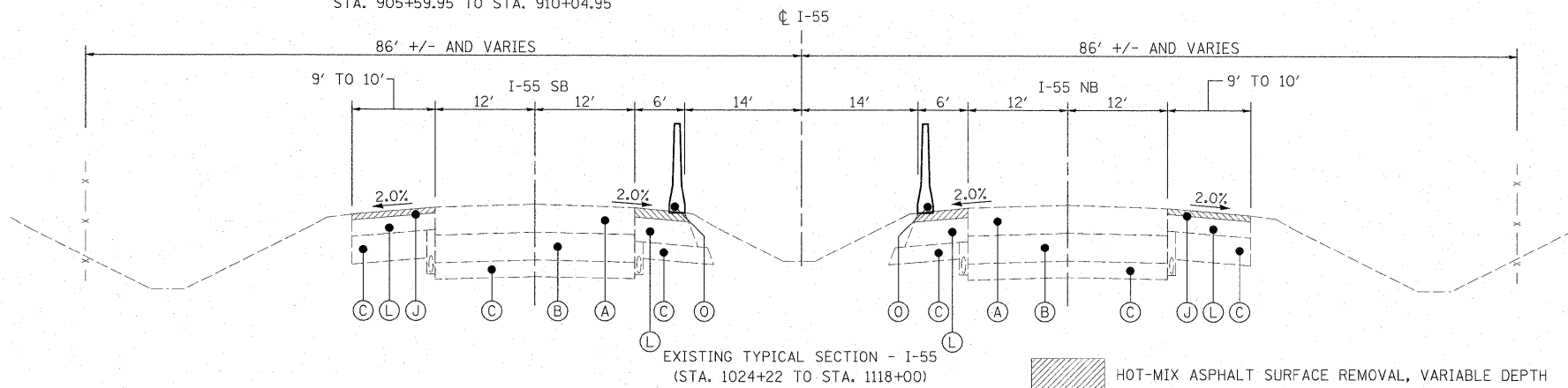
PROPOSED TYPICAL SECTION - RAMP B
 STA. 3044+66.7 TO STA. 3059+93.02
 STA 1063+08.95 TO STA 1084+50.00

PROPOSED TYPICAL SECTION - ARSENAL ROAD
 STA 900+00.0 TO STA. 903+96.88
 STA. 905+59.95 TO STA. 916+71.00

NOTE 1: ARSENAL RD MEDIAN WIDTHS
 STA 900+00 TO STA 902+00 (10'-18')
 STA 908+95.02 TO STA 910+04.95 (12'-18')



PROPOSED TYPICAL SECTION - ARSENAL ROAD
 SOUTHBOUND LEFT TURN LANES
 STA. 905+59.95 TO STA. 910+04.95



EXISTING TYPICAL SECTION - I-55
 (STA. 1024+22 TO STA. 1118+00)

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

NOTE 1:

CABLE GUARDRAIL RUNS ALONG NORTHBOUND SIDE FROM STA. 1006+50 TO STA. 1034+50 AND RUNS ALONG THE SOUTHBOUND SIDE FROM STA. 1034+50 TO STA. 1112+00

PROPOSED TYPICAL SECTION - I-55
 (STA. 1024+22 TO STA. 1118+00)

EXISTING LEGEND

- (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (B) EXISTING HMA SUB-BASE
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING CONCRETE SHOULDER
- (E) EXISTING CURB & GUTTER
- (F) EXISTING PIPE UNDERDRAIN
- (G) EXISTING SUB-BASE GRANULAR MATERIAL
- (H) EXISTING AGGREGATE SHOULDER
- (I) EXISTING BITUMINOUS CONCRETE OVERLAY, 3" AND 10"
- (J) EXISTING HMA OVERLAY, 4"±
- (K) EXISTING HMA PAVEMENT
- (L) EXISTING HMA SHOULDER
- (M) EXISTING BITUMINOUS CONCRETE SHOULDER
- (N) EXISTING GROUND OR BASE COURSE, VARIES
- (O) EXISTING TEMPORARY CONCRETE BARRIER

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE. MIX "D", N70, 1.75"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (3) HOT-MIX ASPHALT SHOULDERS, 10" (IN 3 LIFTS)
- (4) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (5) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (6) STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
- (7) AGGREGATE SUBGRADE 12"
- (8) SUB-BASE GRANULAR MATERIAL, TYPE B
- (9) BITUMINOUS MATERIALS (PRIME COAT)
- (10) AGGREGATE (PRIME COAT)
- (11) AGGREGATE SHOULDERS, TYPE B 8"
- (12) AGGREGATE SHOULDERS, TYPE B 10"
- (13) PORTLAND CEMENT CONCRETE SHOULDERS 10"
- (14) PORTLAND CEMENT CONCRETE BASE COURSE 10"
- (15) PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
- (16) CONCRETE BARRIER, VARIABLE CROSS-SECTION, VARIABLE HEIGHT (SEE PLANS FOR EXACT TYPE)
- (17) CONCRETE BARRIER BASE (SEE PLANS FOR EXACT TYPE)
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (19) CONCRETE MEDIAN SURFACE, 4" (INCLUDES 4" COARSE AGGREGATE FILL)
- (20) DRILL AND GROUT NO. 8 TIE BARS AT 24" CTS.
- (21) LONGITUDINAL CONSTRUCTION JOINT NO. 8 x 24" TIE BARS AT 24" CTS.
- (22) LONGITUDINAL SAWED JOINT NO. 6 x 36" TIE BARS AT 18" CTS.
- (23) NO. 8 TIE BARS AT 24" CTS.
- (24) TOPSOIL FURNISH AND PLACE, 4"
- (25) PROPOSED EMBANKMENT
- (26) PROPOSED DRAINAGE DITCH

UNSUITABLE EXCAVATION

TOPSOIL SHALL BE PLACED ONLY IN LOCATIONS OF PERMANENT SEEDING. SEE LANDSCAPE PLAN FOR LIMITS/LOCATIONS.

McDonough Associates Inc. Engineers / Architects 100 East Randolph Street Chicago, Illinois 60601

FILE NAME = D160F12-SHT-TYPICAL02.dgn

USER NAME = TKluegel

DESIGNED - MJT

REVISED -

DRAWN - MJT

REVISED -

CHECKED - DLT

REVISED -

DATE - 2/4/11

REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET NO. 3 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	17
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

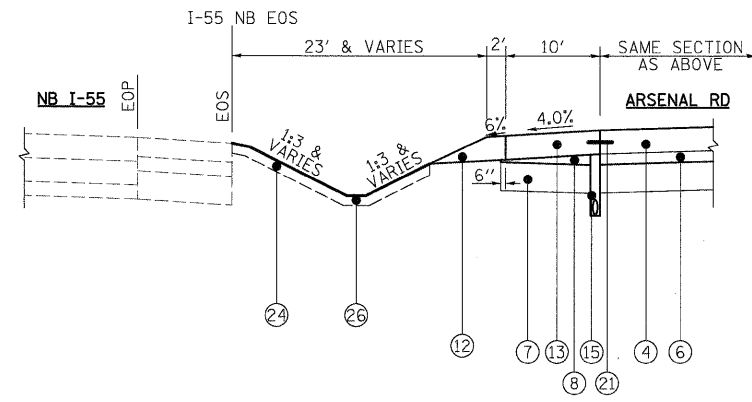
- (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (B) EXISTING HMA SUB-BASE
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING CONCRETE SHOULDER
- (E) EXISTING CURB & GUTTER
- (F) EXISTING PIPE UNDERDRAIN
- (G) EXISTING SUB-BASE GRANULAR MATERIAL
- (H) EXISTING AGGREGATE SHOULDER
- (I) EXISTING BITUMINOUS CONCRETE OVERLAY, 3" AND 10"
- (J) EXISTING HMA OVERLAY, 4"±
- (K) EXISTING HMA PAVEMENT
- (L) EXISTING HMA SHOULDER
- (M) EXISTING BITUMINOUS CONCRETE SHOULDER
- (N) EXISTING GROUND OR BASE COURSE, VARIES
- (O) EXISTING TEMPORARY CONCRETE BARRIER

PROPOSED LEGEND

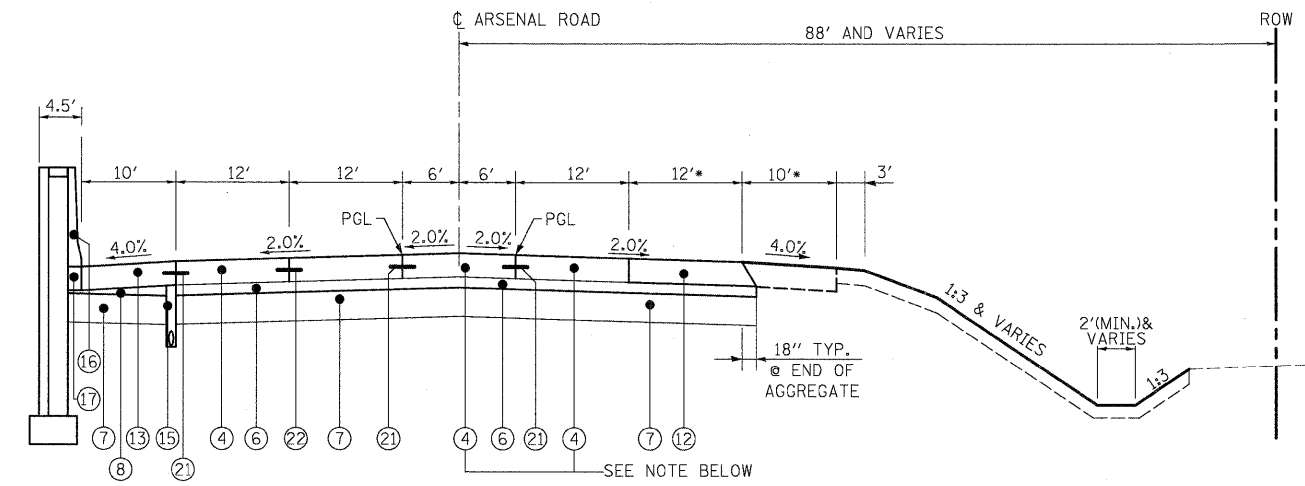
- (1) HOT-MIX ASPHALT SURFACE COURSE. MIX "D", N70, 1.75"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (3) HOT-MIX ASPHALT SHOULDERS, 10" (IN 3 LIFTS)
- (4) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (5) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (6) STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
- (7) AGGREGATE SUBGRADE 12"
- (8) SUB-BASE GRANULAR MATERIAL, TYPE B
- (9) BITUMINOUS MATERIALS (PRIME COAT)
- (10) AGGREGATE (PRIME COAT)
- (11) AGGREGATE SHOULDERS, TYPE B 8"
- (12) AGGREGATE SHOULDERS, TYPE B 10"
- (13) PORTLAND CEMENT CONCRETE SHOULDERS 10"
- (14) PORTLAND CEMENT CONCRETE BASE COURSE 10"
- (15) PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
- (16) CONCRETE BARRIER, VARIABLE CROSS-SECTION, VARIABLE HEIGHT (SEE PLANS FOR EXACT TYPE)
- (17) CONCRETE BARRIER BASE (SEE PLANS FOR EXACT TYPE)
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (19) CONCRETE MEDIAN SURFACE, 4" (INCLUDES 4" COARSE AGGREGATE FILL)
- (20) DRILL AND GROUT NO. 8 TIE BARS AT 24" CTS.
- (21) LONGITUDINAL CONSTRUCTION JOINT NO. 8 x 24" TIE BARS AT 24" CTS.
- (22) LONGITUDINAL SAWED JOINT NO. 6 x 36" TIE BARS AT 18" CTS.
- (23) NO. 8 TIE BARS AT 24" CTS.
- (24) TOPSOIL FURNISH AND PLACE, 4"
- (25) PROPOSED EMBANKMENT
- (26) PROPOSED DRAINAGE DITCH

UNSUITABLE EXCAVATION

TOPSOIL SHALL BE PLACED ONLY IN LOCATIONS OF PERMANENT SEEDING. SEE LANDSCAPE PLAN FOR LIMITS/LOCATIONS.

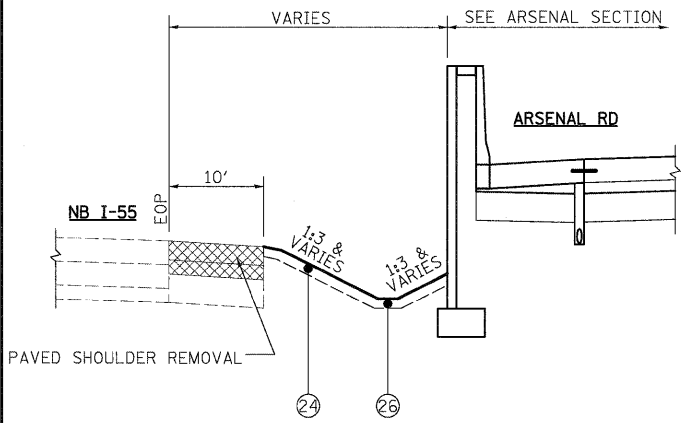


PROPOSED TYPICAL SECTION - ARSENAL ROAD/NB I-55
STA. 949+27 TO STA. 955+62.50

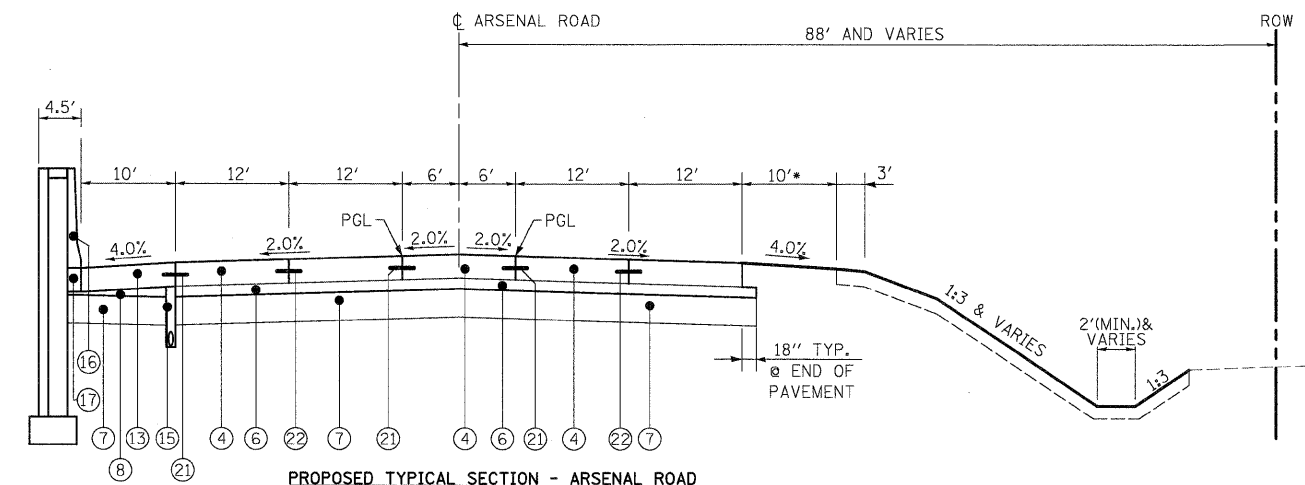


PROPOSED TYPICAL SECTION - ARSENAL ROAD
STA 945+50.00 TO STA. 948+95.00
STA 951+23.47.00 TO STA. 952+75.00
*FUTURE PAVEMENT AND SHOULDER BY OTHERS

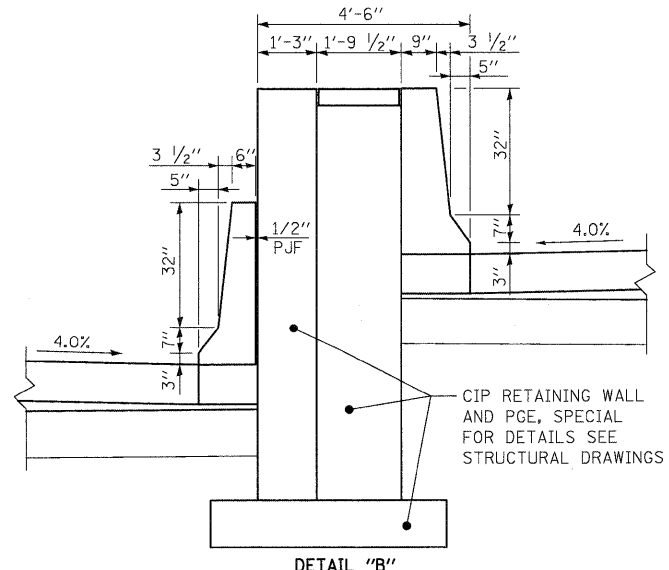
NOTE: STATION 948+95.00 TO STA. 952+05.00 NB PAVEMENT IS HMA
SEE SHEET PR-11



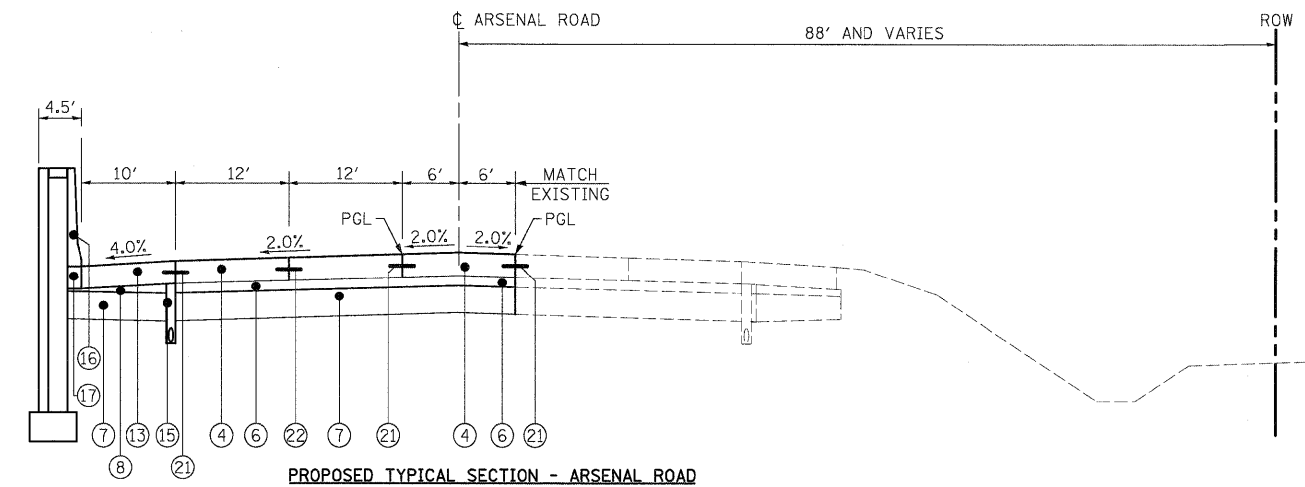
PROPOSED TYPICAL SECTION - ARSENAL ROAD
STA. 934+47.18 TO STA. 949+27



PROPOSED TYPICAL SECTION - ARSENAL ROAD
STA 919+75.00 TO STA. 945+50.00
* FUTURE SHOULDER BY OTHERS



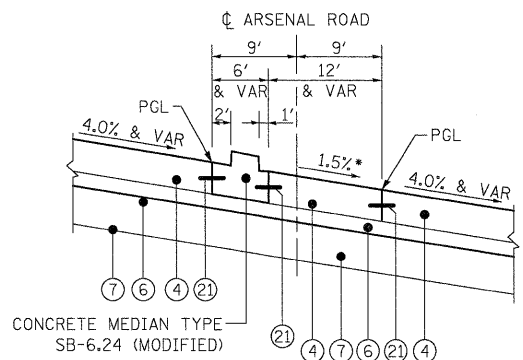
DETAIL "B"



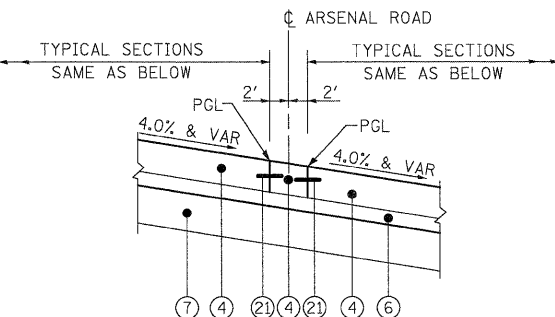
PROPOSED TYPICAL SECTION - ARSENAL ROAD
STA. 903+96.88 TO STA. 905+59.95
STA. 916+71.00 TO STA. 919+75.00

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Engineers / Architects
130 East Randolph Street, Chicago, Illinois 60601

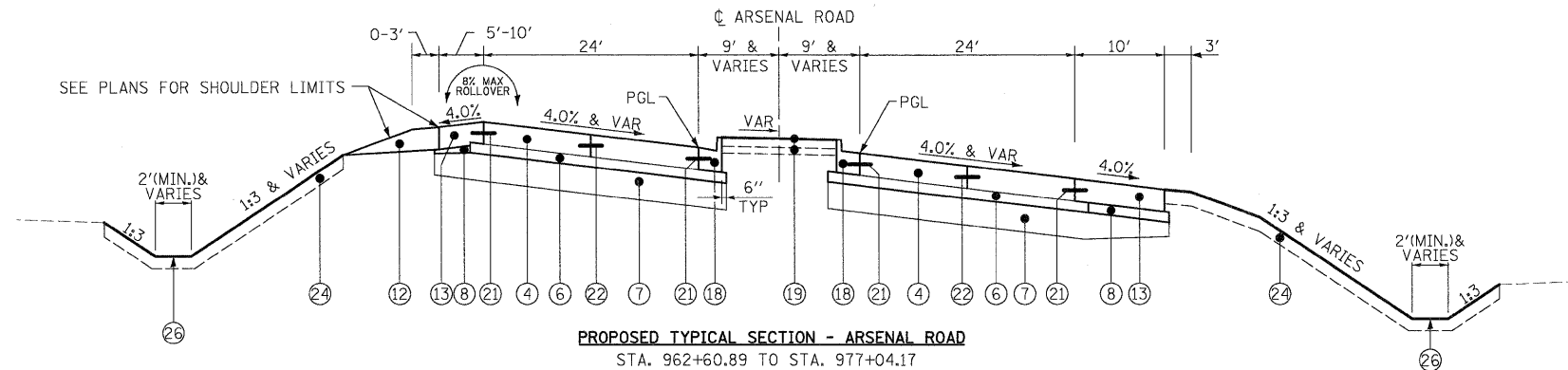
FILE NAME = D160F12-SHT-TYPICAL03.dgn	USER NAME = TKLuagel	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.I. R.T.E. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 18
PLOT SCALE = 1:10	CHECKED - DLT	REVISED -	REVISED -			CONTRACT NO. 60F12				
PLOT DATE = 2/3/2011	DATE - 2/4/11	REVISED -	REVISED -			SCALE: SHEET NO. 3 OF 10 SHEETS STA. TO STA.				
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



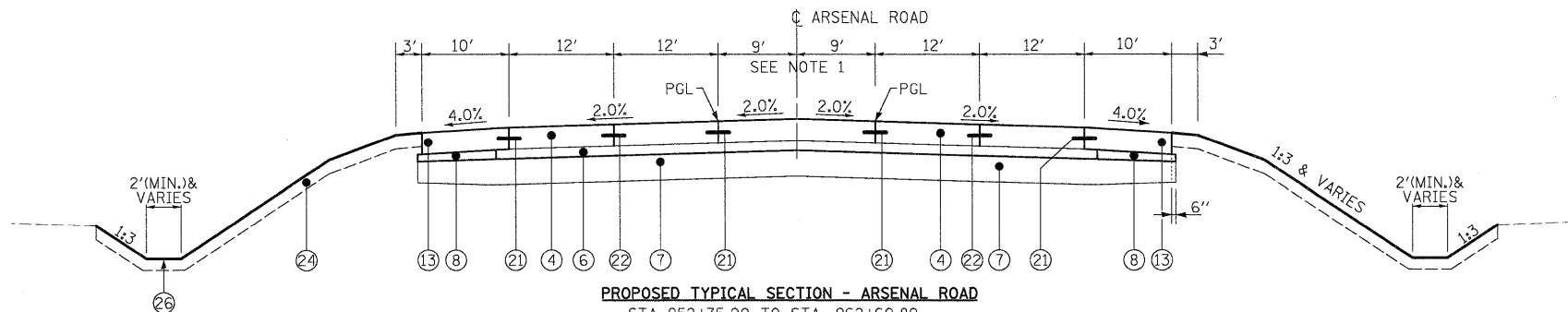
PROPOSED TYPICAL SECTION - ARSENAL ROAD
 NORTHBOUND LEFT TURN LANES
 STA. 960+08.96 TO STA. 964+64.54
 • SEE PAVING PLANS FOR ROTATION @ INTERSECTION



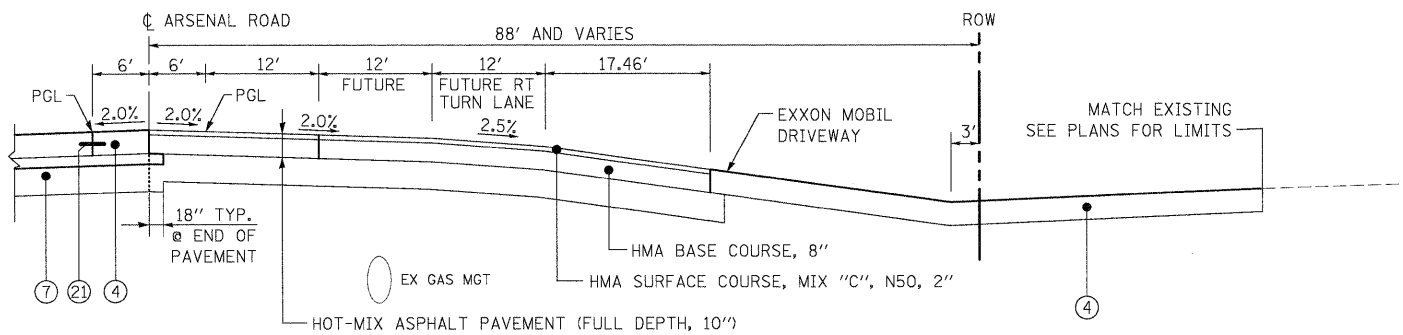
PROPOSED TYPICAL SECTION - ARSENAL ROAD
 STA. 975+52.00 TO STA. 977+04.16



PROPOSED TYPICAL SECTION - ARSENAL ROAD
 STA. 962+60.89 TO STA. 977+04.17



PROPOSED TYPICAL SECTION - ARSENAL ROAD
 STA. 952+75.00 TO STA. 962+60.89
 Note 1: PROPOSED FLUSH MEDIAN WIDTHS
 STA 953+45.07 TO STA 956+15.25 (12'-18')
 STA 956+15.25 TO STA 959+07.93 (18')



PROPOSED TYPICAL SECTION - ARSENAL ROAD
 HMA PAVEMENT (STA 948+95.00 TO STA 951+23.47)

EXISTING LEGEND

- (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (B) EXISTING HMA SUB-BASE
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING CONCRETE SHOULDER
- (E) EXISTING CURB & GUTTER
- (F) EXISTING PIPE UNDERDRAIN
- (G) EXISTING SUB-BASE GRANULAR MATERIAL
- (H) EXISTING AGGREGATE SHOULDER
- (I) EXISTING BITUMINOUS CONCRETE OVERLAY, 3" AND 10"
- (J) EXISTING HMA OVERLAY, 4"±
- (K) EXISTING HMA PAVEMENT
- (L) EXISTING HMA SHOULDER
- (M) EXISTING BITUMINOUS CONCRETE SHOULDER
- (N) EXISTING GROUND OR BASE COURSE, VARIES
- (O) EXISTING TEMPORARY CONCRETE BARRIER

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE. MIX "D", N70, 1.75"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (3) HOT-MIX ASPHALT SHOULDERS, 10" (IN 3 LIFTS)
- (4) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (5) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (6) STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
- (7) AGGREGATE SUBGRADE 12"
- (8) SUB-BASE GRANULAR MATERIAL, TYPE B
- (9) BITUMINOUS MATERIALS (PRIME COAT)
- (10) AGGREGATE (PRIME COAT)
- (11) AGGREGATE SHOULDERS, TYPE B 8"
- (12) AGGREGATE SHOULDERS, TYPE B 10"
- (13) PORTLAND CEMENT CONCRETE SHOULDERS 10"
- (14) PORTLAND CEMENT CONCRETE BASE COURSE 10"
- (15) PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
- (16) CONCRETE BARRIER, VARIABLE CROSS-SECTION, VARIABLE HEIGHT (SEE PLANS FOR EXACT TYPE)
- (17) CONCRETE BARRIER BASE (SEE PLANS FOR EXACT TYPE)
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (19) CONCRETE MEDIAN SURFACE, 4" (INCLUDES 4" COARSE AGGREGATE FILL)
- (20) DRILL AND GROUT NO. 8 TIE BARS AT 24" CTS.
- (21) LONGITUDINAL CONSTRUCTION JOINT NO. 8 x 24" TIE BARS AT 24" CTS.
- (22) LONGITUDINAL SAWED JOINT NO. 6 x 36" TIE BARS AT 18" CTS.
- (23) NO. 8 TIE BARS AT 24" CTS.
- (24) TOPSOIL FURNISH AND PLACE, 4"
- (25) PROPOSED EMBANKMENT
- (26) PROPOSED DRAINAGE DITCH

UNSUITABLE EXCAVATION

TOPSOIL SHALL BE PLACED ONLY IN LOCATIONS OF PERMANENT SEEDING. SEE LANDSCAPE PLAN FOR LIMITS/LOCATIONS.

FILE NAME = D160F12-SHT-TYPICAL04.dgn	USER NAME = TKLuegel	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 19	
PLOT SCALE = 1/10	CHECKED - DLT	REVISIED -	REVISIED -		SCALE:	SHEET NO. 4 OF 10 SHEETS	STA.	TO STA.		CONTRACT NO. 60F12		
PLOT DATE = 2/3/2011	DATE - 2/4/11	REVISIED -	REVISIED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

EXISTING LEGEND

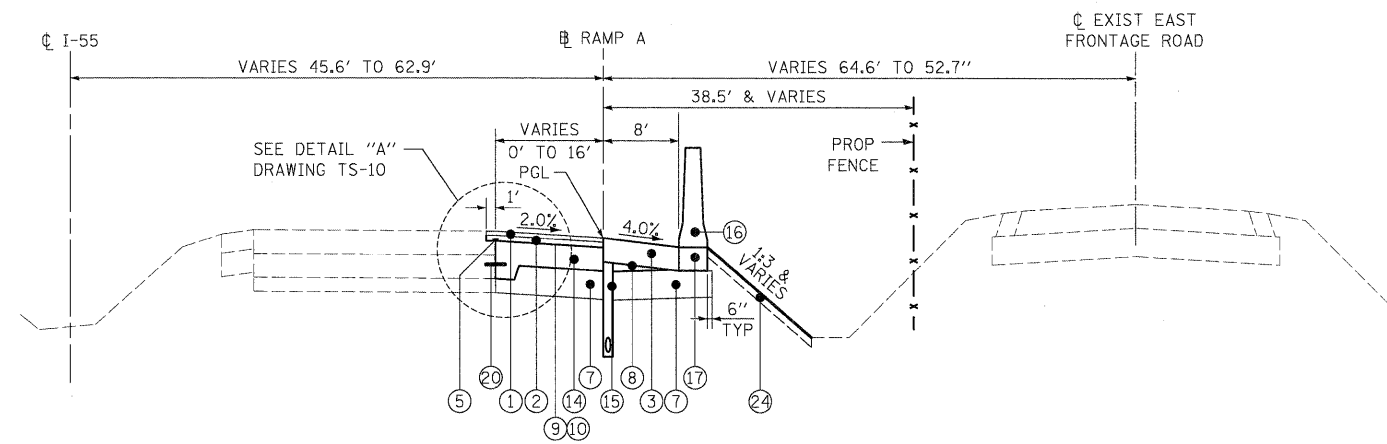
- (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (B) EXISTING HMA SUB-BASE
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING CONCRETE SHOULDER
- (E) EXISTING CURB & GUTTER
- (F) EXISTING PIPE UNDERDRAIN
- (G) EXISTING SUB-BASE GRANULAR MATERIAL
- (H) EXISTING AGGREGATE SHOULDER
- (I) EXISTING BITUMINOUS CONCRETE OVERLAY, 3" AND 10"
- (J) EXISTING HMA OVERLAY, 4"±
- (K) EXISTING HMA PAVEMENT
- (L) EXISTING HMA SHOULDER
- (M) EXISTING BITUMINOUS CONCRETE SHOULDER
- (N) EXISTING GROUND OR BASE COURSE, VARIES
- (O) EXISTING TEMPORARY CONCRETE BARRIER

PROPOSED LEGEND

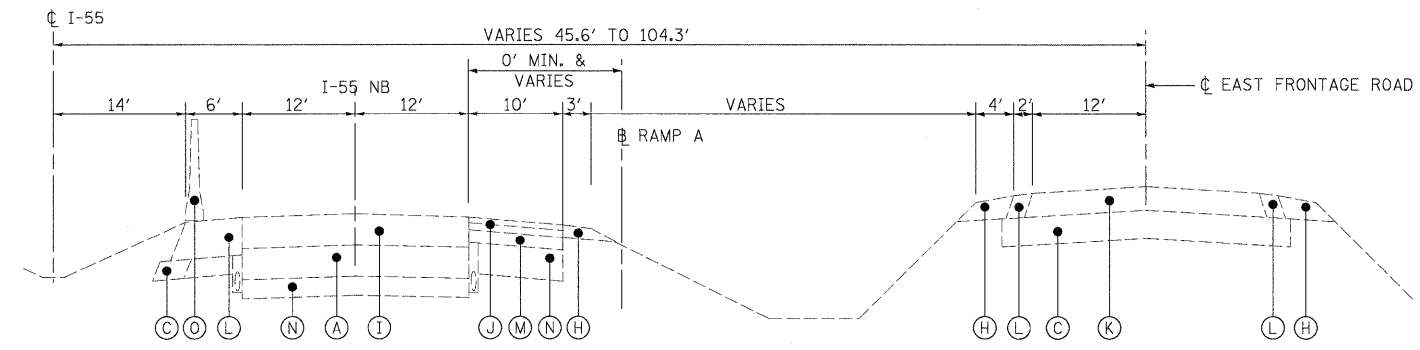
- (1) HOT-MIX ASPHALT SURFACE COURSE. MIX "D", N70, 1.75"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
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- (25) PROPOSED EMBANKMENT
- (26) PROPOSED DRAINAGE DITCH

UNSUITABLE EXCAVATION

TOPSOIL SHALL BE PLACED ONLY IN LOCATIONS OF PERMANENT SEEDING. SEE LANDSCAPE PLAN FOR LIMITS/LOCATIONS.

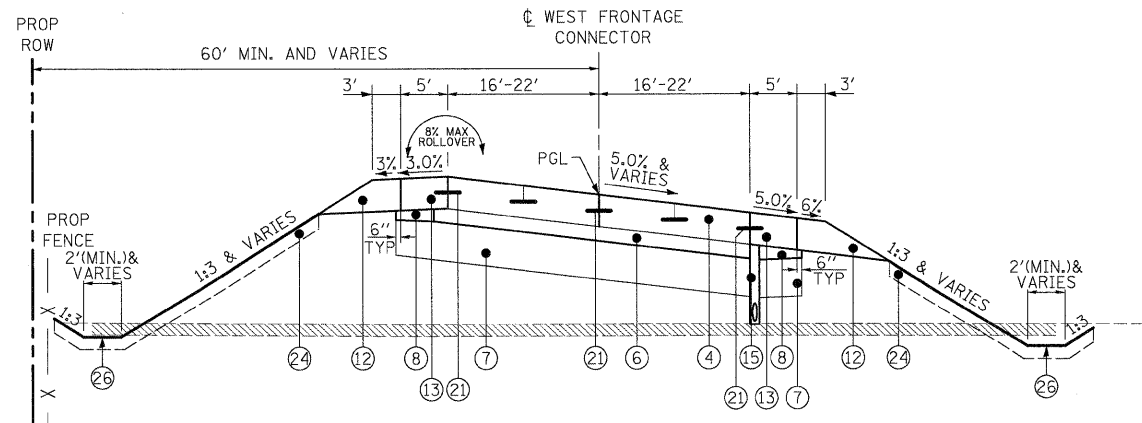


PROPOSED TYPICAL SECTION - RAMP A
 STA. 1011+51.29 TO 1011+75.45 (CL I-55)
 STA. 7000+0.00 TO STA. 7003+36.11

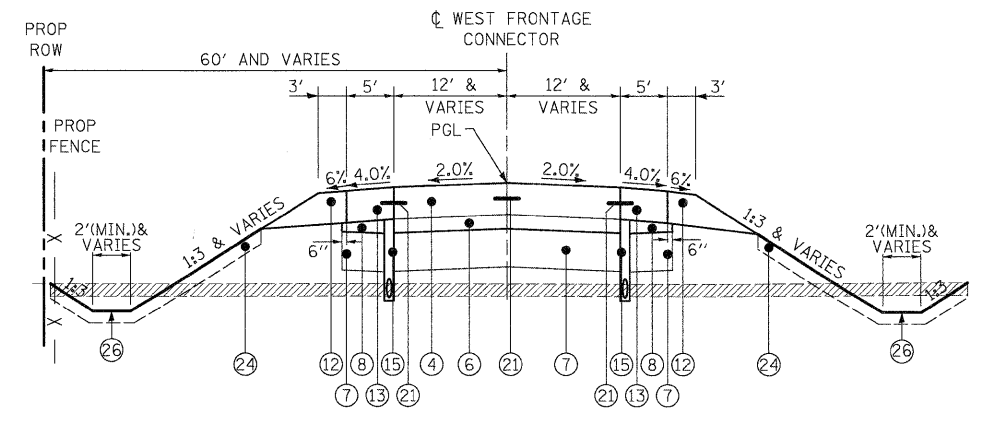


EXISTING TYPICAL SECTION - NB I-55

EXISTING TYPICAL SECTION - EAST FRONTAGE RD



PROPOSED TYPICAL SECTION - WEST FRONTAGE CONNECTOR ON CURVE
 STA. 6078+94.04 TO STA. 6067+87.04 (S.E. TRANSITION)
 STA. 6067+87.04 TO STA. 6071+83.52 (FULL S.E. 5.00%)
 STA. 6071+83.52 TO STA. 6073+75.52 (S.E. TRANSITION)



PROPOSED TYPICAL SECTION - WEST FRONTAGE CONNECTOR ON TANGENT
 STA. 6077+54.15 TO STA. 6078+94.04
 STA. 6089+94.32 TO STA. 6090+40.84

NOTE:
 STA. 6087+17.32 TO STA. 6089+94.32
 BRIDGE & APPROACH SLAB
 SEE BRIDGE PLANS FOR DETAILS

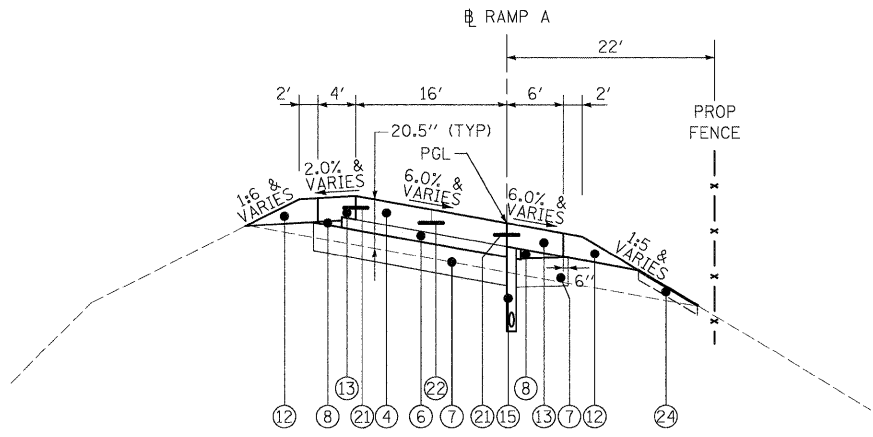
McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME =	USER NAME = TKluegel	DESIGNED - MJT	REVISED -
D:\B2\F12-SHT-TYPICAL05.dgn		DRAWN - MJT	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

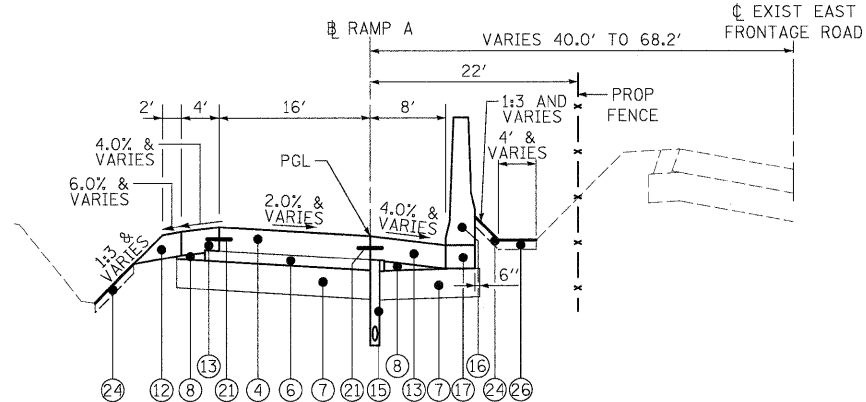
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE:	SHEET NO. 5 OF 10 SHEETS
STA.	TO STA.

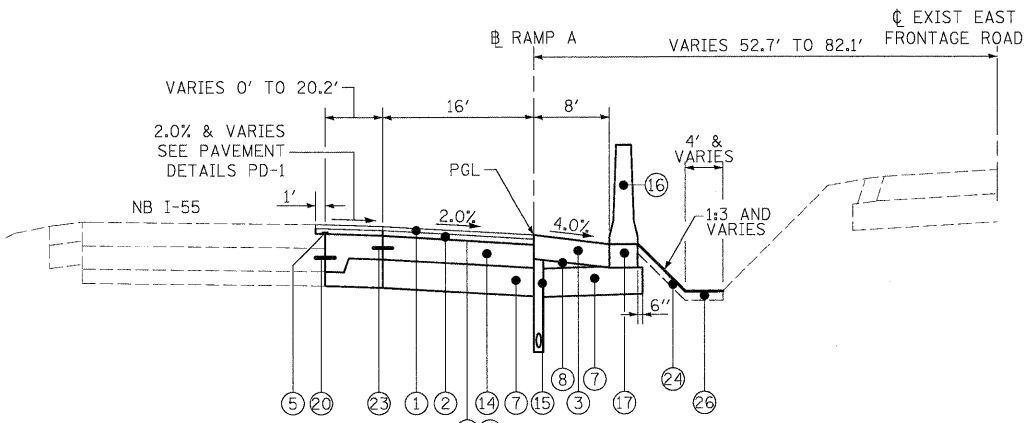
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	20
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



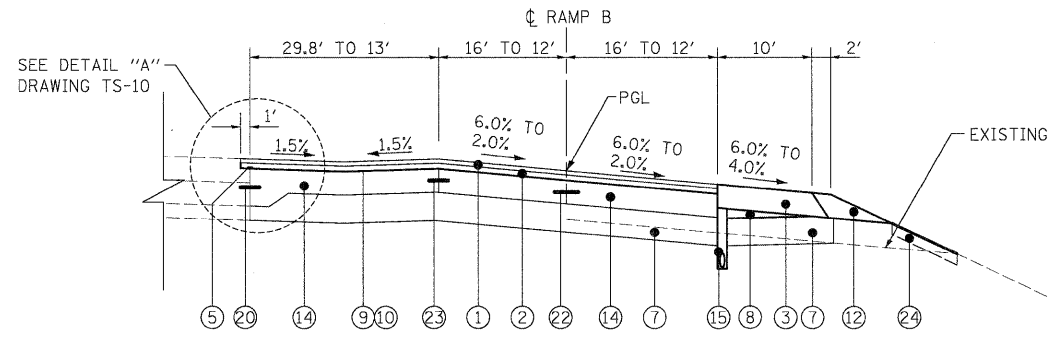
PROPOSED TYPICAL SECTION - RAMP A
 STA. 7010+70.00 TO STA. 7020+27.70



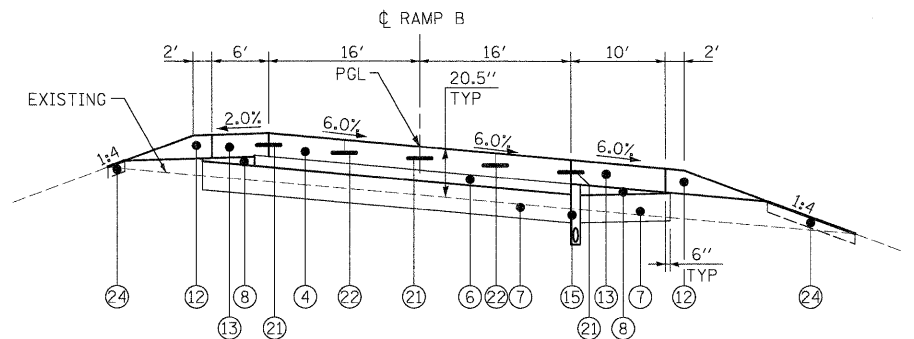
PROPOSED TYPICAL SECTION - RAMP A
 (STA. 7006+87.23 TO STA. 7010+70.00)



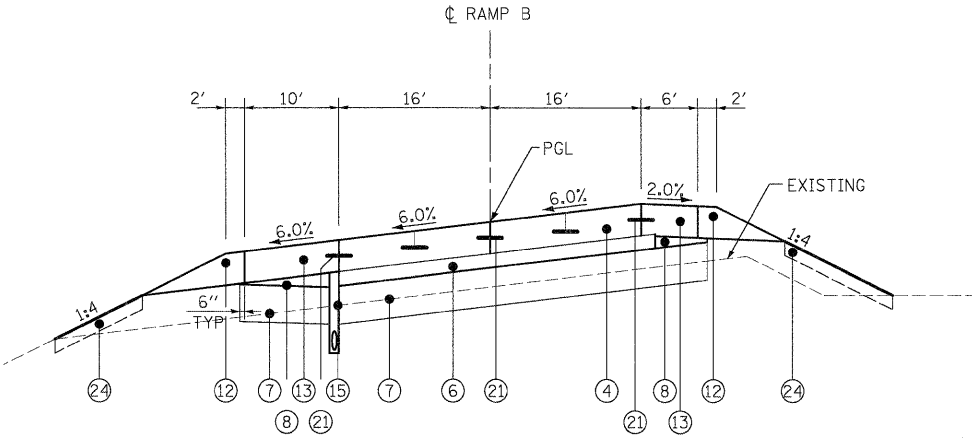
PROPOSED TYPICAL SECTION - RAMP A
 STA. 7003+36.11 TO STA. 7006+87.23



PROPOSED TYPICAL HALF SECTION - RAMP B
 STA. 3034+28.39 TO STA. 3044+66.7
 STA. 3035+06.30 TO STA. 3035+36.90 (FULL S.E. 6%)
 STA. 3035+36.90 TO STA. 3036+19.90 (S.E. TRANSITION)



PROPOSED TYPICAL SECTION - RAMP B
 STA. 3011+85.38 TO STA. 3013+53.38 (SE TRANSITION)
 STA. 3013+53.38 TO STA. 3034+27.08 (FULL S.E. 6%)



PROPOSED TYPICAL SECTION - RAMP B
 STA. 3000+00.00 TO STA. 3001+79.30 (SE TRANSITION)
 STA. 3001+79.30 TO STA. 3004+43.26 (FULL SUPER ELEVATION)
 STA. 3004+43.26 TO STA. 3007+76.26 (SE TRANSITION)

EXISTING LEGEND

- (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (B) EXISTING HMA SUB-BASE
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING CONCRETE SHOULDER
- (E) EXISTING CURB & GUTTER
- (F) EXISTING PIPE UNDERDRAIN
- (G) EXISTING SUB-BASE GRANULAR MATERIAL
- (H) EXISTING AGGREGATE SHOULDER
- (I) EXISTING BITUMINOUS CONCRETE OVERLAY, 3" AND 10"
- (J) EXISTING HMA OVERLAY, 4"±
- (K) EXISTING HMA PAVEMENT
- (L) EXISTING HMA SHOULDER
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- (N) EXISTING GROUND OR BASE COURSE, VARIES
- (O) EXISTING TEMPORARY CONCRETE BARRIER

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE. MIX "D", N70, 1.75"
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- (25) PROPOSED EMBANKMENT
- (26) PROPOSED DRAINAGE DITCH

UNSUITABLE EXCAVATION

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FILE NAME = D160F12-SHT-TYPICAL06.dgn	USER NAME = TKluegel	DESIGNED - MJT	REVISED -
		DRAWN - MJT	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

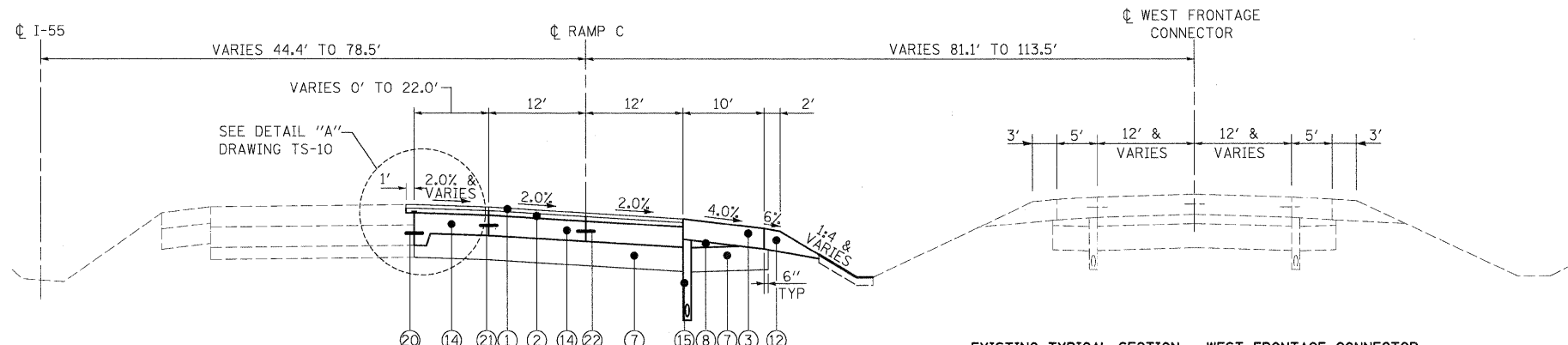
PLOT SCALE = 1:10	
PLOT DATE = 2/3/2011	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET NO. 6 OF 10 SHEETS STA. TO STA.

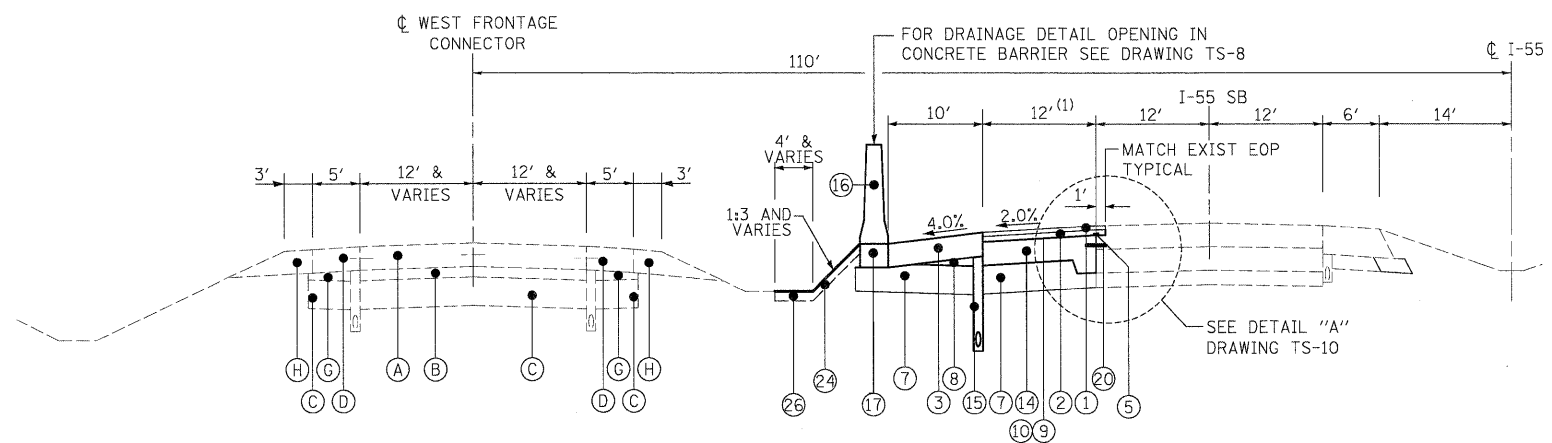
F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 21
CONTRACT NO. 60F12			ILLINOIS FED. AID PROJECT	



STATION EQUATION:
STA 1999+91.99 \bar{C} RAMP C =
STA 1058+95.57, 44.41' LT \bar{C} I-55

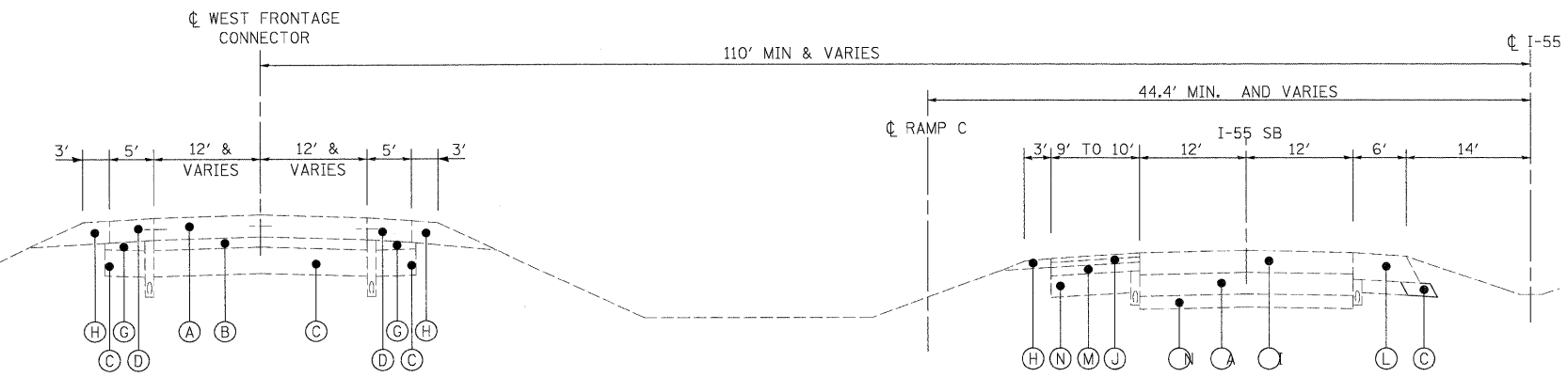
PROPOSED TYPICAL SECTION - RAMP C
STA. 2004+00.00 TO STA. 2006+42.51

EXISTING TYPICAL SECTION - WEST FRONTAGE CONNECTOR



EXISTING TYPICAL SECTION - WEST FRONTAGE CONNECTOR

PROPOSED TYPICAL SECTION - SB I-55
(1) STA. 1054+89.27 TO STA. 1073+95.88 (12')
STA. 1073+95.88 TO STA. 1076+94.72 (VARIES 12' TO 1')
STA. 1076+70.88 TO STA. 1101+00.00 (0')



EXISTING TYPICAL SECTION - WEST FRONTAGE CONNECTOR

EXISTING TYPICAL SECTION - SB I-55

EXISTING LEGEND

- (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (B) EXISTING HMA SUB-BASE
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING CONCRETE SHOULDER
- (E) EXISTING CURB & GUTTER
- (F) EXISTING PIPE UNDERDRAIN
- (G) EXISTING SUB-BASE GRANULAR MATERIAL
- (H) EXISTING AGGREGATE SHOULDER
- (I) EXISTING BITUMINOUS CONCRETE OVERLAY, 3" AND 10"
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- (O) EXISTING TEMPORARY CONCRETE BARRIER

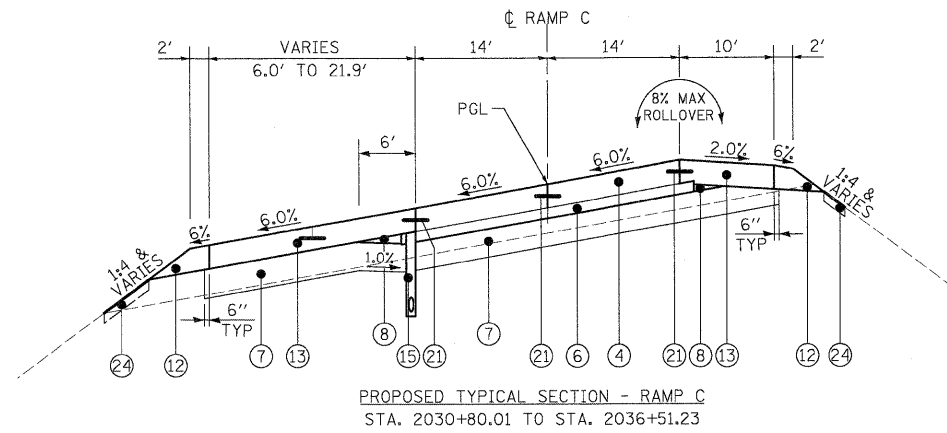
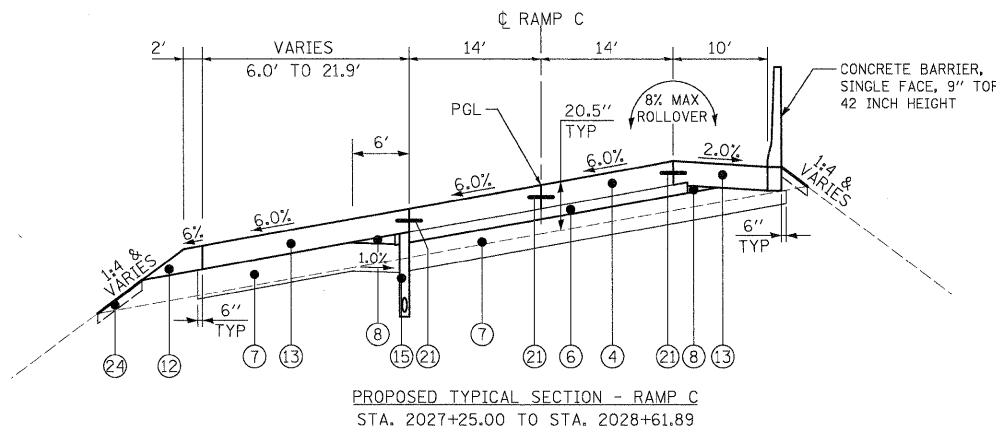
PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE. MIX "D", N70, 1.75"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
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- (25) PROPOSED EMBANKMENT
- (26) PROPOSED DRAINAGE DITCH

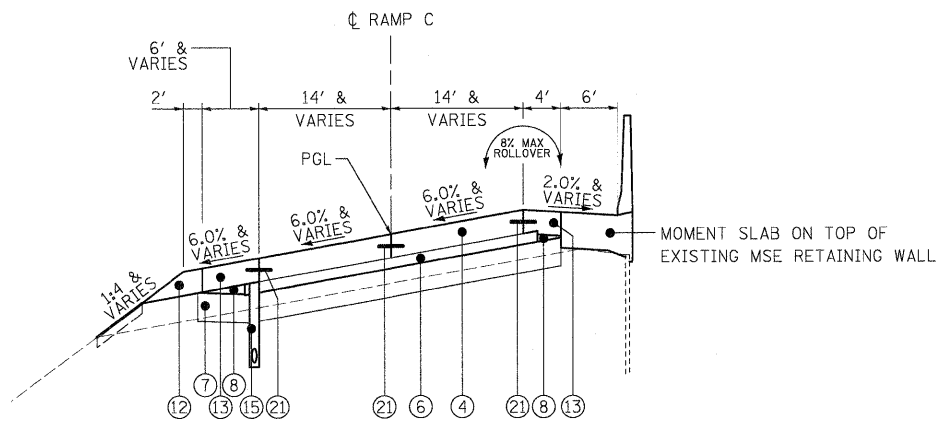
UNSUITABLE EXCAVATION

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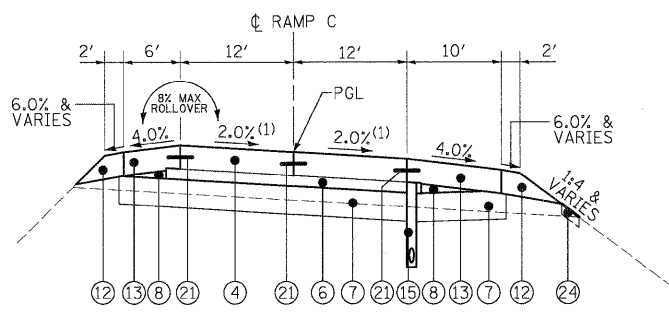
FILE NAME = D160F12-SHT-TYPICAL07.dgn	USER NAME = TKLuegel	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 22	
PLOT SCALE = 1:10	CHECKED - DLT	REVISED -	SCALE:			SHEET NO. 7 OF 10 SHEETS	STA. TO STA.	CONTRACT NO. 60F12			
PLOT DATE = 2/3/2011	DATE - 2/4/11	REVISED -									
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT											



STA. 2028+61.89 TO STA. 2030+80.01
(BRIDGE OMISSION SEE STR NO. 099-0348)



PROPOSED TYPICAL SECTION - RAMP C
STA. 2018+00.00 TO STA. 2027+25.00



PROPOSED TYPICAL SECTION - RAMP C
STA. 2006+42.51 TO STA. 2018+00

(1) STA. 2006+42.51 TO STA. 2007+25.19 (NORMAL CROWN -2.0%)
 STA. 2007+25.19 TO STA. 2008+24.17 (SE TRANSITION -2.0% TO -4.7%)
 STA. 2008+24.17 TO STA. 2011+68.18 (FULL SE -4.7%)
 STA. 2011+68.18 TO STA. 2012+67.15 (SE TRANSITION -4.7% TO -2.0%)
 STA. 2012+67.15 TO STA. 2016+40.79 (NORMAL CROWN -2.0%)
 STA. 2016+40.79 TO STA. 2019+76.79 (SE TRANSITION -2.0% TO +6.00%)

EXISTING LEGEND

- (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (B) EXISTING HMA SUB-BASE
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING CONCRETE SHOULDER
- (E) EXISTING CURB & GUTTER
- (F) EXISTING PIPE UNDERDRAIN
- (G) EXISTING SUB-BASE GRANULAR MATERIAL
- (H) EXISTING AGGREGATE SHOULDER
- (I) EXISTING BITUMINOUS CONCRETE OVERLAY, 3" AND 10"
- (J) EXISTING HMA OVERLAY, 4"±
- (K) EXISTING HMA PAVEMENT
- (L) EXISTING HMA SHOULDER
- (M) EXISTING BITUMINOUS CONCRETE SHOULDER
- (N) EXISTING GROUND OR BASE COURSE, VARIES
- (O) EXISTING TEMPORARY BARRIER

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.75"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (3) HOT-MIX ASPHALT SHOULDERS, 10" (IN 3 LIFTS)
- (4) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (5) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (6) STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
- (7) AGGREGATE SUBGRADE 12"
- (8) SUB-BASE GRANULAR MATERIAL, TYPE B

PROPOSED LEGEND (CONTINUED)

- (9) BITUMINOUS MATERIALS (PRIME COAT)
- (10) AGGREGATE (PRIME COAT)
- (11) AGGREGATE SHOULDERS, TYPE B 8"
- (12) AGGREGATE SHOULDERS, TYPE B 10"
- (13) PORTLAND CEMENT CONCRETE SHOULDERS 10"
- (14) PORTLAND CEMENT CONCRETE BASE COURSE 10"
- (15) PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
- (16) CONCRETE BARRIER, VARIABLE CROSS-SECTION, VARIABLE HEIGHT (SEE PLANS FOR EXACT TYPE)
- (17) CONCRETE BARRIER BASE (SEE PLANS FOR EXACT TYPE)
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (19) CONCRETE MEDIAN SURFACE, 4" (INCLUDES 4" COARSE AGGREGATE FILL)
- (20) DRILL AND GROUT NO. 8 TIE BARS AT 24" CTS.
- (21) LONGITUDINAL CONSTRUCTION JOINT NO. 8 x 24" TIE BARS AT 24" CTS.
- (22) LONGITUDINAL SAWED JOINT NO. 6 x 36" TIE BARS AT 18" CTS.
- (23) NO. 8 TIE BARS AT 24" CTS.
- (24) TOPSOIL FURNISH AND PLACE, 4"
- (25) PROPOSED EMBANKMENT
- (26) PROPOSED DRAINAGE DITCH

UNSUITABLE EXCAVATION

TOPSOIL SHALL BE PLACED ONLY IN LOCATIONS OF PERMANENT SEEDING. SEE LANDSCAPE PLAN FOR LIMITS/LOCATIONS.

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\60F12-SH-TYPICAL08.dgn	USER NAME = TKLuegel	DESIGNED - MJT	REVISED -
PLOT SCALE = 1:10		DRAWN - MJT	REVISED -
PLOT DATE = 2/3/2011		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET NO. 8 OF 10 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 23
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

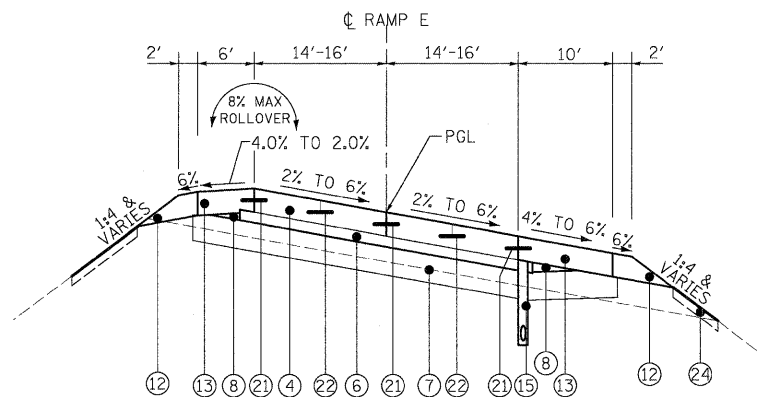
- (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (B) EXISTING HMA SUB-BASE
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING CONCRETE SHOULDER
- (E) EXISTING CURB & GUTTER
- (F) EXISTING PIPE UNDERDRAIN
- (G) EXISTING SUB-BASE GRANULAR MATERIAL
- (H) EXISTING AGGREGATE SHOULDER
- (I) EXISTING BITUMINOUS CONCRETE OVERLAY, 3" AND 10"
- (J) EXISTING HMA OVERLAY, 4"±
- (K) EXISTING HMA PAVEMENT
- (L) EXISTING HMA SHOULDER
- (M) EXISTING BITUMINOUS CONCRETE SHOULDER
- (N) EXISTING GROUND OR BASE COURSE, VARIES
- (O) EXISTING TEMPORARY CONCRETE BARRIER

PROPOSED LEGEND

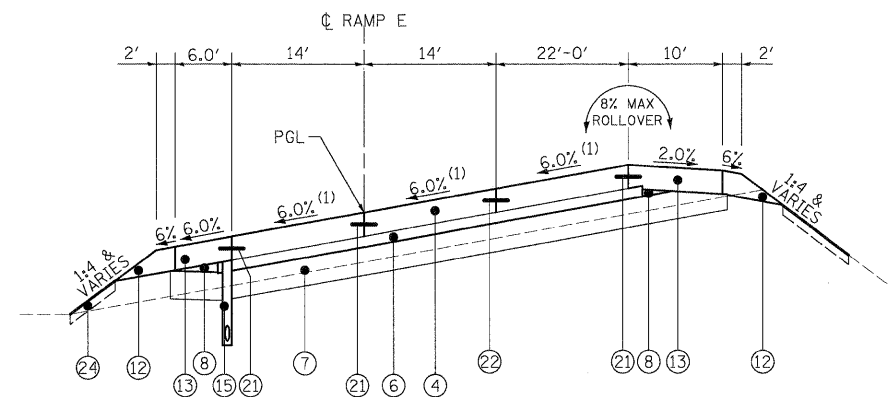
- (1) HOT-MIX ASPHALT SURFACE COURSE. MIX "D", N70, 1.75"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (3) HOT-MIX ASPHALT SHOULDERS, 10" (IN 3 LIFTS)
- (4) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (5) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (6) STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
- (7) AGGREGATE SUBGRADE 12"
- (8) SUB-BASE GRANULAR MATERIAL, TYPE B
- (9) BITUMINOUS MATERIALS (PRIME COAT)
- (10) AGGREGATE (PRIME COAT)
- (11) AGGREGATE SHOULDERS, TYPE B 8"
- (12) AGGREGATE SHOULDERS, TYPE B 10"
- (13) PORTLAND CEMENT CONCRETE SHOULDERS 10"
- (14) PORTLAND CEMENT CONCRETE BASE COURSE 10"
- (15) PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
- (16) CONCRETE BARRIER, VARIABLE CROSS-SECTION, VARIABLE HEIGHT (SEE PLANS FOR EXACT TYPE)
- (17) CONCRETE BARRIER BASE (SEE PLANS FOR EXACT TYPE)
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (19) CONCRETE MEDIAN SURFACE, 4" (INCLUDES 4" COARSE AGGREGATE FILL)
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- (23) NO. 8 TIE BARS AT 24" CTS.
- (24) TOPSOIL FURNISH AND PLACE, 4"
- (25) PROPOSED EMBANKMENT
- (26) PROPOSED DRAINAGE DITCH

 UNSUITABLE EXCAVATION

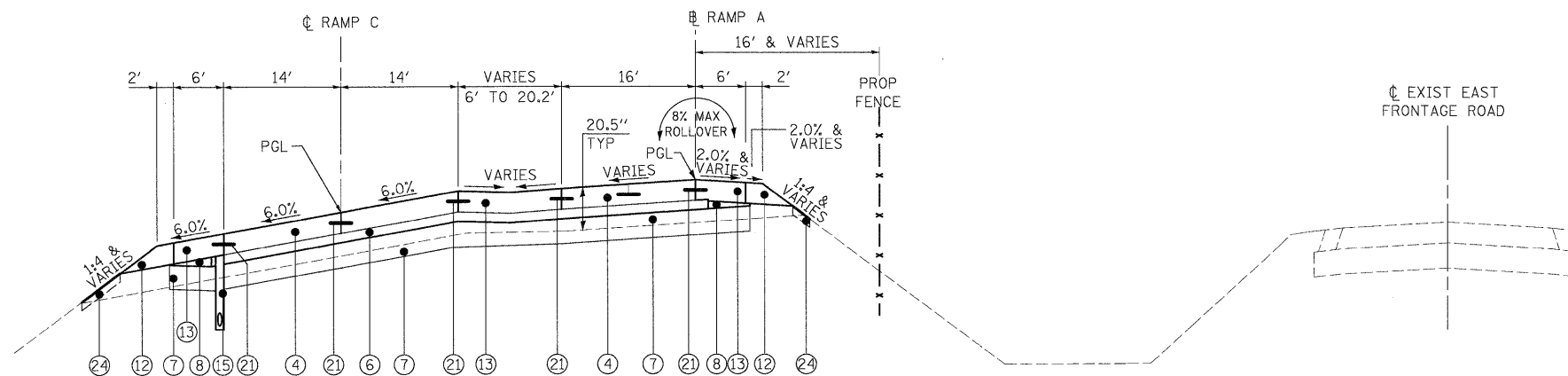
TOPSOIL SHALL BE PLACED ONLY IN LOCATIONS OF PERMANENT SEEDING. SEE LANDSCAPE PLAN FOR LIMITS/LOCATIONS.



PROPOSED TYPICAL SECTION - RAMP E
 STA. 120+22.29 TO STA. 126+08.2
 STA. 125+24.25 TO STA. 126+08.25 (SE TRANSITION)



PROPOSED TYPICAL SECTION - RAMP E
 STA. 100+00.00 TO STA. 120+22.29
 (1) STA. 100+00.00 TO STA. 112+72.83 (FULL S.E. -6.0%)
 STA. 112+72.83 TO STA. 116+59.83 (SE TRANSITION -6.0% TO -2.0%)
 STA. 116+59.83 TO STA. 120+38.29 (NORMAL CROWN -2.0%)
 STA. 120+38.29 TO STA. 122+06.29 (SE TRANSITION -2.0% TO -6.0%)



PROPOSED TYPICAL SECTION - RAMP C
 (STA. 2036+51.23 TO STA. 2038+02.19)
PROPOSED TYPICAL SECTION - RAMP A
 (STA. 7020+27.70 TO STA. 7021+82.16)

McDonough Associates Inc.
 Engineers / Architects
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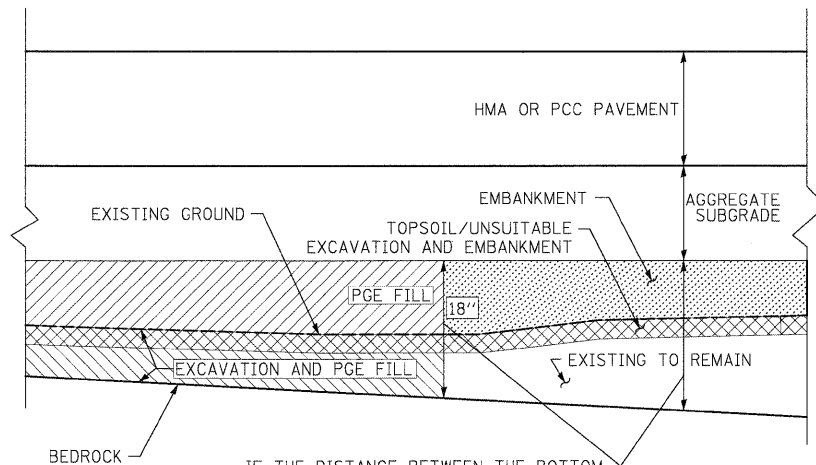
FILE NAME =	USER NAME = TKluagl	DESIGNED - MJT	REVISED -
D160F12-SHT-TYPICAL09.dgn		DRAWN - MJT	REVISED -
	PLOT SCALE = 1:10	CHECKED - DLT	REVISED -
	PLOT DATE = 2/3/2011	DATE - 2/4/11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

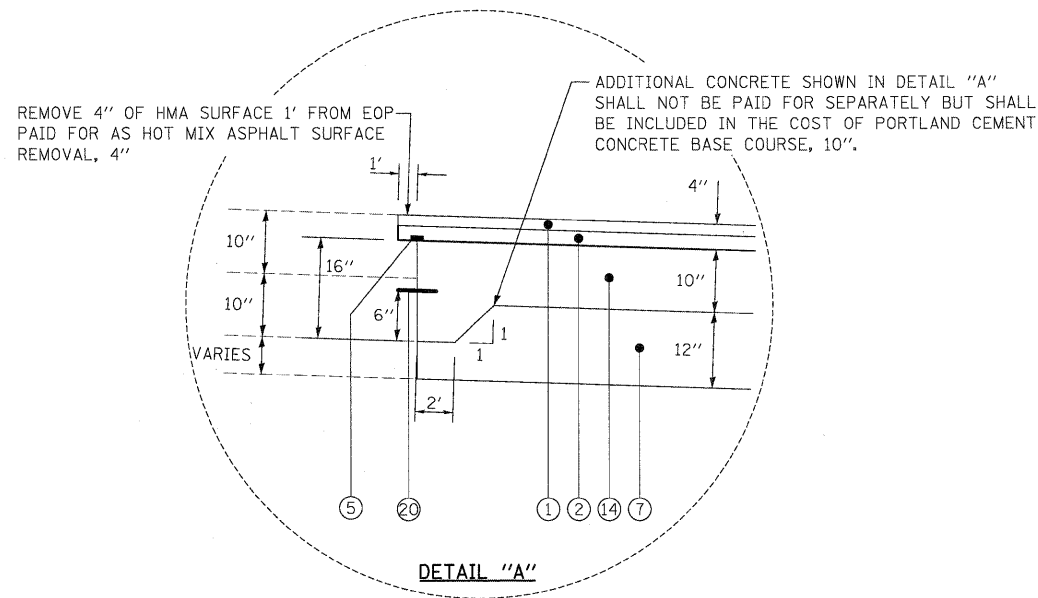
SCALE: SHEET NO. 9 OF 10 SHEETS STA. TO STA.

F.A.I R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	24
CONTRACT NO. 60F12			ILLINOIS FED. AID PROJECT	



IF THE DISTANCE BETWEEN THE BOTTOM OF THE PROPOSED AGGREGATE SUBGRADE AND THE TOP OF BEDROCK IS 18" OR LESS, THE EXISTING MATERIAL SHALL BE REMOVED DOWN TO THE BEDROCK AND REPLACED WITH PGE
 SEE CROSS SECTIONS AND SCHEDULES FOR LOCATIONS

PGE ABOVE BEDROCK DETAIL



DETAIL "A"

EXISTING LEGEND

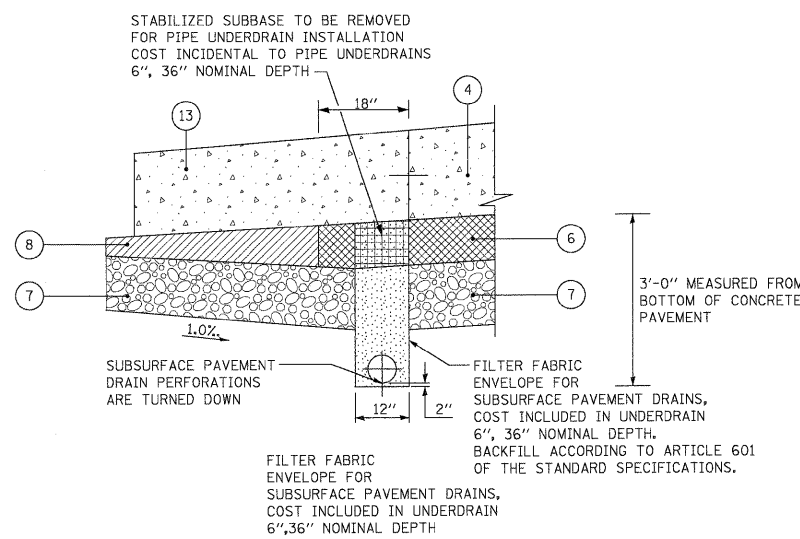
- (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (B) EXISTING HMA SUB-BASE
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING CONCRETE SHOULDER
- (E) EXISTING CURB & GUTTER
- (F) EXISTING PIPE UNDERDRAIN
- (G) EXISTING SUB-BASE GRANULAR MATERIAL
- (H) EXISTING AGGREGATE SHOULDER
- (I) EXISTING BITUMINOUS CONCRETE OVERLAY, 3" AND 10"
- (J) EXISTING HMA OVERLAY, 4"±
- (K) EXISTING HMA PAVEMENT
- (L) EXISTING HMA SHOULDER
- (M) EXISTING BITUMINOUS CONCRETE SHOULDER
- (N) EXISTING GROUND OR BASE COURSE, VARIES
- (O) EXISTING TEMPORARY CONCRETE BARRIER

PROPOSED LEGEND

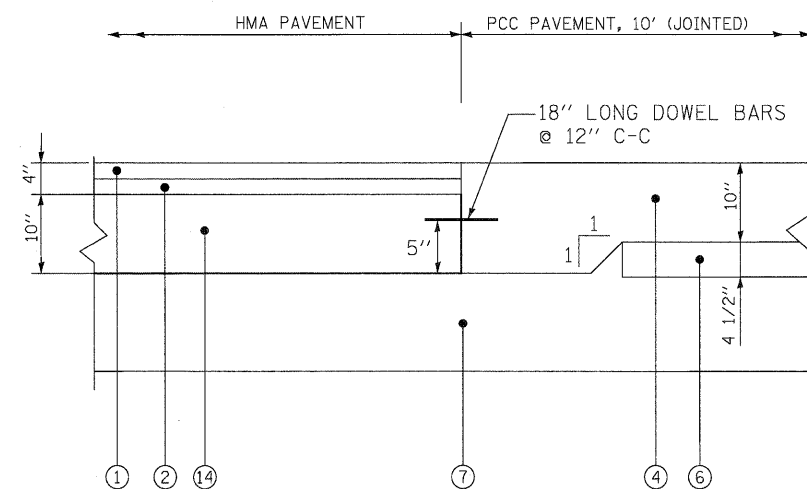
- (1) HOT-MIX ASPHALT SURFACE COURSE. MIX "D", N70, 1.75"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (3) HOT-MIX ASPHALT SHOULDERS, 10" (IN 3 LIFTS)
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- (24) TOPSOIL FURNISH AND PLACE, 4"
- (25) PROPOSED EMBANKMENT
- (26) PROPOSED DRAINAGE DITCH

UNSUITABLE EXCAVATION

TOPSOIL SHALL BE PLACED ONLY IN LOCATIONS OF PERMANENT SEEDING. SEE LANDSCAPE PLAN FOR LIMITS/LOCATIONS.



PIPE UNDERDRAIN 6', 36" NOMINAL DEPTH DETAIL



NOTE: ADDITIONAL CONCRETE SHOWN IN JOINT DETAIL SHALL NOT BE PAID FOR SEPARATELY BUT THE COST SHALL BE INCLUDED IN THE PAY ITEM PORTLAND CEMENT CONCRETE, 10" (JOINTED)

HMA PAVEMENT TO PCC PAVEMENT DETAIL

FILE NAME = D160F12-SHT-TYPICAL10.dgn	USER NAME = TKluagel	DESIGNED - MJT	REVISED -
		DRAWN - MJT	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-28-1	WILL	756	25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F12	

EARTHWORK SCHEDULE ARSENAL ROAD - TEMPORARY PAVEMENT

BEGIN STATION	END STATION	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE	ROCK EXCAVATION
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
913+00.00	914+00.00	8	0	7	6	1	0	0
914+00.00	915+00.00	17	0	14	8	6	0	0
915+00.00	916+00.00	21	0	18	2	16	0	0
916+00.00	917+00.00	23	0	20	2	18	0	0
917+00.00	918+00.00	23	0	20	2	18	0	0
918+00.00	919+00.00	23	0	20	0	20	0	0
919+00.00	920+00.00	23	0	20	0	20	0	0
920+00.00	921+00.00	25	0	21	0	21	0	0
921+00.00	922+00.00	26	0	22	0	22	0	0
922+00.00	923+00.00	26	0	22	0	22	0	0
923+00.00	924+00.00	26	0	22	0	22	0	0
924+00.00	925+00.00	26	0	22	0	22	0	0
925+00.00	926+00.00	26	0	22	0	22	0	0
926+00.00	927+00.00	28	0	24	0	24	0	0
927+00.00	928+00.00	30	0	26	0	26	0	0
928+00.00	929+00.00	28	0	24	0	24	0	0
929+00.00	930+00.00	26	0	22	0	22	0	0
930+00.00	931+00.00	28	0	24	0	24	0	0
931+00.00	932+00.00	32	0	27	0	27	0	0
932+00.00	933+00.00	32	0	27	0	27	0	0
933+00.00	934+00.00	28	0	24	0	24	0	0
934+00.00	935+00.00	26	0	22	0	22	0	0
935+00.00	936+00.00	25	0	21	0	21	0	0
936+00.00	937+00.00	23	0	20	0	20	0	0
937+00.00	938+00.00	23	0	20	2	18	0	0
938+00.00	939+00.00	21	0	18	6	12	0	0
939+00.00	940+00.00	21	0	18	6	12	0	0
940+00.00	941+00.00	23	0	20	2	18	0	0
941+00.00	942+00.00	25	0	21	0	21	0	0
942+00.00	943+00.00	23	0	20	2	18	0	0
943+00.00	944+00.00	21	0	18	2	16	0	0
944+00.00	945+00.00	25	0	21	2	19	0	0
945+00.00	946+00.00	28	0	24	2	22	0	0
946+00.00	947+00.00	30	0	26	0	26	0	0
947+00.00	948+00.00	28	0	24	0	24	0	0
948+00.00	949+00.00	26	0	22	0	22	0	0
949+00.00	950+00.00	13	0	11	0	11	0	0
SUB TOTAL		906	0	774	44	730	0	0

* ASSUME 15% FOR SHRINKAGE

FILE NAME = D160F12-SHT-SCHEDULE01.dgn	USER NAME = TKLuegel	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 26
CONTRACT NO. 60F12			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

EARTHWORK SCHEDULE ARSENAL ROAD

BEGIN STATION	END STATION	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE	ROCK EXCAVATION
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
900+00.00	901+00.00	232	213	197	330	-133	60	0
901+00.00	902+00.00	232	219	197	367	-170	0	0
902+00.00	903+00.00	212	212	180	399	-219	69	0
903+00.00	904+00.00	173	197	147	334	-187	143	2
904+00.00	905+00.00	147	186	125	243	-118	138	2
905+00.00	906+00.00	125	184	106	282	-176	63	0
906+00.00	907+00.00	99	182	84	334	-250	0	0
907+00.00	908+00.00	93	175	79	332	-253	0	0
908+00.00	909+00.00	86	169	73	399	-326	0	0
909+00.00	909+95.00	71	161	60	505	-445	0	0
909+95.00	910+00.00	4	9	3	30	-27	0	0
910+00.00	911+00.00	69	165	59	623	-564	0	0
911+00.00	912+00.00	69	160	59	684	-625	0	0
912+00.00	913+00.00	73	154	62	693	-631	0	0
913+00.00	914+00.00	75	147	64	628	-564	0	0
914+00.00	914+95.00	71	129	60	477	-417	0	0
914+95.00	915+00.00	4	7	3	21	-18	0	0
915+00.00	915+96.06	73	120	62	346	-284	0	0
915+96.06	916+00.00	4	5	3	12	-9	0	0
916+00.00	917+00.00	91	123	77	230	-153	0	0
917+00.00	918+00.00	108	125	92	141	-49	0	0
918+00.00	919+00.00	117	126	99	123	-24	0	0
919+00.00	919+95.00	166	219	141	263	-122	0	0
919+95.00	920+00.00	11	17	9	23	-14	0	0
920+00.00	921+00.00	165	339	140	428	-288	0	0
921+00.00	922+00.00	160	336	136	482	-346	0	0
922+00.00	923+00.00	212	328	180	552	-372	0	0
923+00.00	924+00.00	225	328	191	517	-326	0	0
924+00.00	924+95.00	222	310	189	498	-309	0	0
924+95.00	925+00.00	13	17	11	27	-16	0	0
925+00.00	926+00.00	245	326	208	536	-328	0	0
926+00.00	927+00.00	215	325	183	543	-360	50	0
927+00.00	928+00.00	163	319	139	582	-443	80	2
928+00.00	929+00.00	125	312	106	565	-459	71	4
929+00.00	929+70.92	65	230	55	371	-316	67	2
929+70.92	929+95.00	31	79	26	98	-72	25	0
929+95.00	930+00.00	9	16	8	15	-7	5	1
930+00.00	930+51.58	97	165	82	162	-80	52	1
930+51.58	931+00.00	72	152	61	198	-137	44	1
931+00.00	932+00.00	121	306	103	588	-485	62	2
932+00.00	933+00.00	175	312	149	558	-409	75	0
933+00.00	934+00.00	139	326	118	504	-386	52	0
934+00.00	934+32.88	22	109	19	173	-154	0	0
934+32.88	934+95.00	76	201	65	278	-213	0	0
934+95.00	935+00.00	10	16	9	22	-13	0	0
935+00.00	936+00.00	428	332	364	376	-12	0	0
936+00.00	937+00.00	695	350	591	300	291	0	0
937+00.00	938+00.00	736	352	626	282	344	0	0
938+00.00	938+95.00	650	331	553	268	285	0	0
938+95.00	939+00.00	32	18	27	15	12	0	0
939+00.00	939+95.00	558	322	474	271	203	0	0
939+95.00	940+00.00	31	18	26	15	11	0	1
940+00.00	941+00.00	569	339	484	256	228	0	2
941+00.00	942+00.00	449	323	382	202	180	0	0
942+00.00	943+00.00	356	313	303	204	99	0	0
943+00.00	944+00.00	278	299	236	213	23	0	0
944+00.00	944+45.00	129	136	110	88	22	0	0
944+45.00	945+00.00	159	174	135	115	20	16	4
945+00.00	946+00.00	286	319	243	256	-13	52	17
946+00.00	947+00.00	299	328	254	339	-85	45	25
947+00.00	948+00.00	380	339	323	415	-92	41	28
948+00.00	948+95.00	435	340	370	477	-107	43	29
948+95.00	949+00.00	22	20	19	28	-9	3	2
949+00.00	949+27.33	106	108	90	150	-60	7	5
949+27.33	950+00.00	197	266	167	443	-276	0	3
950+00.00	950+15.00	27	52	23	94	-71	0	0
950+15.00	950+55.00	68	132	58	195	-137	0	0
950+55.00	951+00.00	107	156	91	220	-129	0	0
951+00.00	952+00.00	421	391	358	523	-165	0	0
952+00.00	953+00.00	486	400	413	480	-67	0	0
953+00.00	954+00.00	406	384	345	504	-159	0	0
954+00.00	955+00.00	360	458	306	628	-322	0	0
955+00.00	956+00.00	634	582	539	1,350	-811	0	0
956+00.00	957+00.00	1,384	688	1,176	2,667	-1,491	0	0
957+00.00	958+00.00	1,902	1,225	1,617	3,634	-2,017	606	0

* ASSUME 15% FOR SHRINKAGE

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\B0\F12-SHT-SCHEDULE02.dgn
USER NAME = TKluagel
PLOT SCALE = 1:50
PLOT DATE = 2/3/2011

DESIGNED - TRK
DRAWN - TRK
CHECKED - DLT
DATE - 2/4/11

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 8 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	27
CONTRACT NO. 60F12			ILLINOIS FED. AID PROJECT	

EARTHWORK SCHEDULE ARSENAL ROAD (CONTINUED)

BEGIN STATION	END STATION	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE	ROCK EXCAVATION
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
958+00.00	959+00.00	1,454	1,791	1,236	4,286	-3,050	1,225	0
959+00.00	960+00.00	2,197	2,032	1,867	6,252	-4,385	1,332	0
960+00.00	961+00.00	3,136	1,669	2,666	7,849	-5,183	713	0
961+00.00	962+00.00	2,969	1,312	2,524	8,745	-6,221	0	0
962+00.00	963+00.00	3,454	1,508	2,936	10,506	-7,570	0	0
963+00.00	964+00.00	4,567	1,643	3,882	12,539	-8,657	0	0
964+00.00	965+00.00	4,745	1,728	4,033	15,100	-11,067	0	12
965+00.00	966+00.00	3,928	1,710	3,339	16,932	-13,593	0	67
966+00.00	967+00.00	5,452	1,689	4,634	17,682	-13,048	0	126
967+00.00	968+00.00	5,719	1,549	4,861	16,289	-11,428	0	71
968+00.00	969+00.00	5,156	1,334	4,383	11,908	-7,525	0	0
969+00.00	970+00.00	4,691	1,067	3,987	6,180	-2,193	0	0
970+00.00	971+00.00	1,915	778	1,628	2,763	-1,135	0	0
971+00.00	972+00.00	423	675	360	3,212	-2,852	0	0
972+00.00	973+00.00	199	462	169	2,789	-2,620	0	0
973+00.00	974+00.00	43	234	37	1,356	-1,319	0	0
974+00.00	975+00.00	36	200	31	897	-866	0	0
975+00.00	976+00.00	171	171	145	538	-393	0	0
976+00.00	977+00.00	310	158	264	365	-101	0	0
SUB TOTAL		68,122	39,461	57,904	176,712	-118,808	5,139	409

EARTHWORK SCHEDULE WEST FRONTAGE ROAD CONNECTOR

BEGIN STATION	END STATION	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE	ROCK EXCAVATION
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
6071+00.00	6072+00.00	476	225	405	39	366	0	0
6072+00.00	6073+00.00	649	304	552	154	398	0	0
6073+00.00	6074+00.00	810	315	689	260	429	0	0
6074+00.00	6075+00.00	1,089	313	926	388	538	0	0
6075+00.00	6076+00.00	1,236	345	1,051	495	556	0	0
6076+00.00	6077+00.00	1,947	391	1,655	371	1,284	0	0
6077+00.00	6078+00.00	2,534	562	2,154	717	1,437	0	0
6078+00.00	6079+00.00	2,502	828	2,127	1,723	404	0	0
6079+00.00	6080+00.00	2,723	954	2,315	2,519	-204	0	0
6080+00.00	6081+00.00	3,556	947	3,023	3,382	-359	0	0
6081+00.00	6082+00.00	2,775	1,047	2,359	3,278	-919	0	0
6082+00.00	6083+00.00	712	1,123	605	4,986	-4,381	0	0
6083+00.00	6084+00.00	275	1,095	234	7,717	-7,483	0	0
6084+00.00	6085+00.00	741	1,130	630	8,367	-7,737	0	26
6085+00.00	6086+00.00	1,178	1,180	1,001	10,362	-9,361	0	32
6086+00.00	6087+00.00	2,163	1,249	1,839	14,212	-12,373	0	6
6087+00.00	6088+00.00	1,528	643	1,299	8,195	-6,896	0	0
6088+00.00	6089+00.00	0	0	0	0	0	0	0
6089+00.00	6090+00.00	0	325	0	6,762	-6,762	0	0
SUB TOTAL		26,894	12,976	22,864	73,927	-51,063	0	64

* ASSUME 15% FOR SHRINKAGE

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D180F12-SHT-SCHEDULE03.dgn	USER NAME = TKLuegel	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - TRK	REVISED -		SCALE: NONE	SHEET NO. 2 OF 8 SHEETS	STA.	TO STA.	55	99-2HB-2B-1	WILL	756	28
		CHECKED - DLT	REVISED -		CONTRACT NO. 60F12								
		DATE - 2/4/11	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

EARTHWORK SCHEDULE RAMP A

BEGIN STATION	END STATION	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE	ROCK EXCAVATION
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
7000+00.00	7001+00.00	54	0	46	13	33	0	0
7001+00.00	7002+00.00	112	0	95	23	72	0	0
7002+00.00	7003+00.00	139	0	118	23	95	0	0
7003+00.00	7004+00.00	180	0	153	25	128	0	0
7004+00.00	7005+00.00	219	0	186	23	163	0	0
7005+00.00	7006+00.00	263	0	224	17	207	0	0
7006+00.00	7007+00.00	221	0	188	12	176	0	0
7007+00.00	7008+00.00	167	0	142	25	117	0	0
7008+00.00	7009+00.00	195	0	166	52	114	54	0
7009+00.00	7010+00.00	228	0	194	43	151	93	0
7010+00.00	7011+00.00	265	0	225	12	213	39	0
7011+00.00	7012+00.00	304	0	258	58	200	0	0
7012+00.00	7013+00.00	580	0	493	530	-37	0	0
7013+00.00	7014+00.00	1,119	0	951	493	458	0	0
7014+00.00	7015+00.00	730	0	621	39	582	0	0
7015+00.00	7016+00.00	58	0	49	43	6	0	0
7016+00.00	7017+00.00	56	0	48	45	3	0	0
7017+00.00	7018+00.00	56	0	48	43	5	0	0
7018+00.00	7019+00.00	54	0	46	39	7	0	0
SUB TOTAL		5,000	0	4,251	1,558	2,693	186	0

EARTHWORK SCHEDULE RAMP B

BEGIN STATION	END STATION	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE	ROCK EXCAVATION
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
3001+00.00	3002+00.00	317	0	269	126	143	0	0
3002+00.00	3003+00.00	213	0	181	191	-10	0	0
3003+00.00	3004+00.00	245	0	208	67	0	0	0
3004+00.00	3005+00.00	241	0	205	47	158	63	0
3005+00.00	3006+00.00	199	0	169	50	119	63	0
3006+00.00	3007+00.00	182	0	155	43	112	0	0
3007+00.00	3008+00.00	199	0	169	41	128	0	0
3008+00.00	3009+00.00	217	0	184	36	148	0	0
3009+00.00	3010+00.00	223	0	190	43	147	0	0
3010+00.00	3011+00.00	167	0	142	150	-8	0	0
3011+00.00	3012+00.00	113	0	96	230	-134	0	0
3012+00.00	3013+00.00	136	0	116	163	-47	0	0
3013+00.00	3014+00.00	163	0	139	97	42	0	0
3014+00.00	3015+00.00	176	0	150	71	79	0	0
3015+00.00	3016+00.00	176	0	150	60	90	0	0
3016+00.00	3017+00.00	193	0	164	49	115	0	0
3017+00.00	3018+00.00	215	0	183	36	147	17	0
3018+00.00	3019+00.00	239	0	203	28	175	50	0
3019+00.00	3020+00.00	243	0	207	32	175	65	0
3020+00.00	3021+00.00	380	0	323	23	300	71	0
3021+00.00	3022+00.00	371	0	315	26	289	65	0
3022+00.00	3023+00.00	213	0	181	49	132	26	0
3023+00.00	3024+00.00	221	0	188	58	130	0	0
3024+00.00	3025+00.00	152	0	129	47	82	0	0
3025+00.00	3026+00.00	78	0	66	30	36	0	0
3026+00.00	3027+00.00	69	0	59	32	27	0	0
3027+00.00	3028+00.00	54	0	46	36	10	0	0
3028+00.00	3029+00.00	171	0	145	43	102	0	0
3029+00.00	3030+00.00	1,226	0	1,042	52	990	0	0
3030+00.00	3031+00.00	1,602	0	1,362	76	1,286	0	0
3031+00.00	3032+00.00	682	0	580	115	465	0	0
3032+00.00	3033+00.00	460	0	391	104	287	25	0
3033+00.00	3034+00.00	784	0	666	52	614	45	0
3034+00.00	3035+00.00	1,021	0	868	15	853	21	0
3035+00.00	3036+00.00	1,043	0	887	0	887	0	0
3036+00.00	3037+00.00	950	0	808	6	802	0	0
3037+00.00	3038+00.00	893	0	759	10	749	0	0
3038+00.00	3039+00.00	912	0	775	10	765	0	0
3039+00.00	3040+00.00	969	0	824	12	812	65	0
3040+00.00	3041+00.00	1,062	0	903	13	890	139	0
3041+00.00	3042+00.00	1,143	0	972	13	959	173	0
3042+00.00	3043+00.00	1,150	0	978	15	963	182	0
3043+00.00	3044+00.00	980	0	833	21	812	150	0
3044+00.00	3045+00.00	591	0	502	41	461	128	0
3045+00.00	3046+00.00	354	0	301	69	232	123	0
SUB TOTAL		21,388	0	18,183	2,602	15,581	1,471	0

* ASSUME 15% FOR SHRINKAGE

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\60F12-SHT-SCHEDULE\24.dgn
USER NAME = TKJuegal
DESIGNED - TRK
DRAWN - TRK
CHECKED - DLT
DATE - 2/4/11

REVISIONS
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 3 OF 8 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	29
CONTRACT NO. 60F12			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

EARTHWORK SCHEDULE RAMP C

BEGIN STATION	END STATION	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE	ROCK EXCAVATION
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
2000+00.00	2001+00.00	115	0	98	12	86	0	0
2001+00.00	2002+00.00	110	0	94	17	77	0	0
2002+00.00	2003+00.00	115	0	98	19	79	0	0
2003+00.00	2004+00.00	143	0	122	10	112	0	0
2004+00.00	2005+00.00	163	0	139	13	126	0	0
2005+00.00	2006+00.00	171	0	145	13	132	0	0
2006+00.00	2007+00.00	139	0	118	10	108	0	0
2007+00.00	2008+00.00	88	0	75	23	52	0	0
2008+00.00	2009+00.00	88	0	75	34	41	38	0
2009+00.00	2010+00.00	106	0	90	25	65	82	0
2010+00.00	2011+00.00	108	0	92	15	77	88	0
2011+00.00	2012+00.00	125	0	106	13	93	110	0
2012+00.00	2013+00.00	123	0	105	13	92	123	0
2013+00.00	2014+00.00	106	0	90	17	73	56	0
2014+00.00	2015+00.00	110	0	94	17	77	34	0
2015+00.00	2016+00.00	108	0	92	15	77	34	0
2016+00.00	2017+00.00	112	0	95	15	80	0	0
2017+00.00	2018+00.00	97	0	82	19	63	0	0
2018+00.00	2019+00.00	99	0	84	23	61	0	0
2019+00.00	2020+00.00	106	0	90	23	67	0	0
2020+00.00	2021+00.00	93	0	79	23	56	0	0
2021+00.00	2022+00.00	93	0	79	23	56	0	0
2022+00.00	2023+00.00	93	0	79	23	56	0	0
2023+00.00	2024+00.00	95	0	81	23	58	0	0
2024+00.00	2025+00.00	91	0	77	23	54	0	0
2025+00.00	2026+00.00	89	0	76	21	55	0	0
2026+00.00	2027+00.00	88	0	75	36	39	0	0
2027+00.00	2027+25.00	21	0	18	13	5	0	0
2027+25.00	2028+00.00	63	0	54	62	-8	0	0
2028+00.00	2029+00.00	43	0	37	56	-19	0	0
2029+00.00	2030+00.00	0	0	0	0	0	0	0
2030+00.00	2031+00.00	43	0	37	152	-115	0	0
2031+00.00	2032+00.00	102	0	87	182	-95	0	0
2032+00.00	2033+00.00	112	0	95	76	19	0	0
2033+00.00	2034+00.00	106	0	90	54	36	0	0
2034+00.00	2035+00.00	125	0	106	36	70	0	0
2035+00.00	2036+00.00	156	0	133	54	79	0	0
2036+00.00	2037+00.00	100	0	85	199	-114	0	0
2037+00.00	2038+00.00	45	0	38	204	-166	0	0
SUB TOTAL		3,890	0	3,310	1,606	1,704	565	0

EARTHWORK SCHEDULE I-55

BEGIN STATION	END STATION	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE	ROCK EXCAVATION
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
1059+00.00	1060+00.00	88	58	75	34	41	0	0
1060+00.00	1061+00.00	91	60	77	28	49	0	0
1061+00.00	1062+00.00	93	62	79	28	51	0	0
1062+00.00	1063+00.00	91	60	77	26	51	0	0
1063+00.00	1064+00.00	86	60	73	28	45	0	0
1064+00.00	1065+00.00	80	58	68	30	38	0	0
1065+00.00	1066+00.00	78	56	66	28	38	0	0
1066+00.00	1067+00.00	76	54	65	23	42	58	0
1067+00.00	1068+00.00	73	54	62	25	37	115	0
1068+00.00	1069+00.00	71	58	60	45	15	58	0
1069+00.00	1070+00.00	71	62	60	63	-3	0	0
1070+00.00	1071+00.00	71	63	60	67	-7	0	0
1071+00.00	1072+00.00	73	62	62	63	-1	0	0
1072+00.00	1073+00.00	73	60	62	54	8	49	0
1073+00.00	1074+00.00	69	58	59	45	14	104	0
1074+00.00	1075+00.00	69	41	59	50	9	100	0
1075+00.00	1076+00.00	69	28	59	65	-6	84	0
1076+00.00	1077+00.00	63	30	54	50	4	58	0
1077+00.00	1078+00.00	60	28	51	32	19	43	0
1078+00.00	1079+00.00	60	25	51	32	19	43	0
1079+00.00	1080+00.00	60	23	51	30	21	41	0
1080+00.00	1081+00.00	60	23	51	32	19	45	0
1081+00.00	1082+00.00	60	25	51	36	15	52	0
1082+00.00	1083+00.00	62	30	53	36	17	30	0
1083+00.00	1084+00.00	63	34	54	30	24	0	0
1084+00.00	1085+00.00	63	32	54	26	28	0	0

* ASSUME 15% FOR SHRINKAGE

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\60F12-SHT-SCHEDULE05.dgn	USER NAME = TK1uegal	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 30
PLOT SCALE = 1/50	CHECKED - DLT	DRAWN - TRK	REVISED -		SCALE: NONE	SHEET NO. 4 OF 8 SHEETS	STA. TO STA.	CONTRACT NO. 60F12				
PLOT DATE = 2/3/2011	DATE - 2/4/11	CHECKED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

EARTHWORK SCHEDULE I-55

BEGIN STATION	END STATION	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE	ROCK EXCAVATION
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
1085+00.00	1086+00.00	63	32	54	28	26	0	0
1086+00.00	1087+00.00	63	36	54	32	22	0	0
1087+00.00	1088+00.00	62	39	53	39	14	0	0
1088+00.00	1089+00.00	60	45	51	54	-3	0	0
1089+00.00	1090+00.00	60	52	51	76	-25	0	0
1090+00.00	1091+00.00	60	60	51	88	-37	0	0
1091+00.00	1092+00.00	62	62	53	69	-16	0	0
1092+00.00	1093+00.00	65	41	55	32	23	0	0
1093+00.00	1094+00.00	97	49	82	13	69	0	0
1094+00.00	1095+00.00	147	76	125	10	115	0	0
1095+00.00	1096+00.00	182	71	155	2	153	0	0
1096+00.00	1097+00.00	213	58	181	0	181	0	0
1097+00.00	1098+00.00	236	49	201	2	199	0	0
1098+00.00	1099+00.00	245	39	208	4	204	0	0
1099+00.00	1100+00.00	228	30	194	4	190	0	10
1100+00.00	1101+00.00	221	26	188	4	184	0	10
1101+00.00	1102+00.00	247	52	210	6	204	0	0
1102+00.00	1103+00.00	230	91	196	30	166	0	0
1103+00.00	1104+00.00	323	86	275	26	249	0	0
1104+00.00	1105+00.00	654	147	556	32	524	0	0
1105+00.00	1106+00.00	1,184	300	1,006	99	907	0	0
1106+00.00	1107+00.00	2,175	458	1,849	150	1,699	0	0
1107+00.00	1108+00.00	2,882	632	2,450	160	2,290	0	0
1108+00.00	1109+00.00	2,362	773	2,008	162	1,846	0	0
1109+00.00	1110+00.00	1,991	776	1,692	206	1,486	0	0
1110+00.00	1111+00.00	1,943	732	1,652	173	1,479	0	0
1111+00.00	1112+00.00	1,778	617	1,511	91	1,420	0	0
1112+00.00	1113+00.00	1,513	400	1,286	78	1,208	0	0
1113+00.00	1114+00.00	906	369	770	513	257	0	0
1114+00.00	1115+00.00	375	458	319	710	-391	0	0
1115+00.00	1116+00.00	123	465	105	2,956	-2,851	0	0
1116+00.00	1117+00.00	3,052	415	2,594	2,743	-149	0	56
1117+00.00	1118+00.00	4,810	393	4,089	62	4,027	0	56
1118+00.00	1119+00.00	1,867	228	1,587	39	1,548	0	0
1119+00.00	1120+00.00	84	41	71	0	71	0	0
1120+00.00	1121+00.00	76	25	65	0	65	0	0
1121+00.00	1122+00.00	38	8	32	0	32	0	0
1122+00.00	1123+00.00	0	0	0	0	0	0	0
SUB TOTAL		32,550	9,435	27,672	9,699	17,973	880	132

EARTHWORK SUMMARY BY ROADWAY

ROADWAY	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE	ROCK EXCAVATION
	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
TEMP. PVT. ARSENAL RD.	906	0	774	44	730	0	0
ARSENAL ROAD	68,122	39,461	57,904	176,712	-118,808	5,139	409
WEST FRONTAGE CONNECTOR	26,894	12,976	22,864	73,927	-51,063	0	64
RAMP A	5,000	0	4,251	1,558	2,693	186	0
RAMP B	21,388	0	18,183	2,602	15,581	1,471	0
RAMP C	3,890	0	3,310	1,606	1,704	565	0
I-55	32,550	9,435	27,672	9,699	17,973	880	132
TOTAL	158,750	61,872	134,958	266,148	-131,190	8,241	605

EARTHWORK SUMMARY

DESCRIPTION	QUANTITY	UNIT
EARTH EXCAVATION	158,750	CU YD
FURNISHED EXCAVATION	131,190	CU YD
TOPSOIL / UNSUITABLE EXCAVATION		
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	26,872	CU YD
TOPSOIL EXCAVATION AND PLACEMENT	35,000	CU YD
ROCK EXCAVATION	605	CU YD
POROUS GRANULAR EMBANKMENT	8,241	CU YD

NOTES:

- "TOPSOIL EXCAVATION AND PLACEMENT" AND "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" IS INCLUDED IN TOPSOIL/UNSUITABLE EXCAVATION. TOPSOIL REQUIRED FOR RE-USE IN COMPLETION IN THE FINAL LANDSCAPING SHALL BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT" WHILE THE REMAINDER SHOWN IN THE EARTHWORK SUMMARY TABLE ABOVE WILL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL."
- FOR QUANTITY CALCULATIONS THE AVERAGE EXISTING TOPSOIL THICKNESS IS ASSUMED TO BE 9" AS DETERMINED IN THE ROADWAY GEOTECHNICAL REPORT.

* ASSUME 15% FOR SHRINKAGE

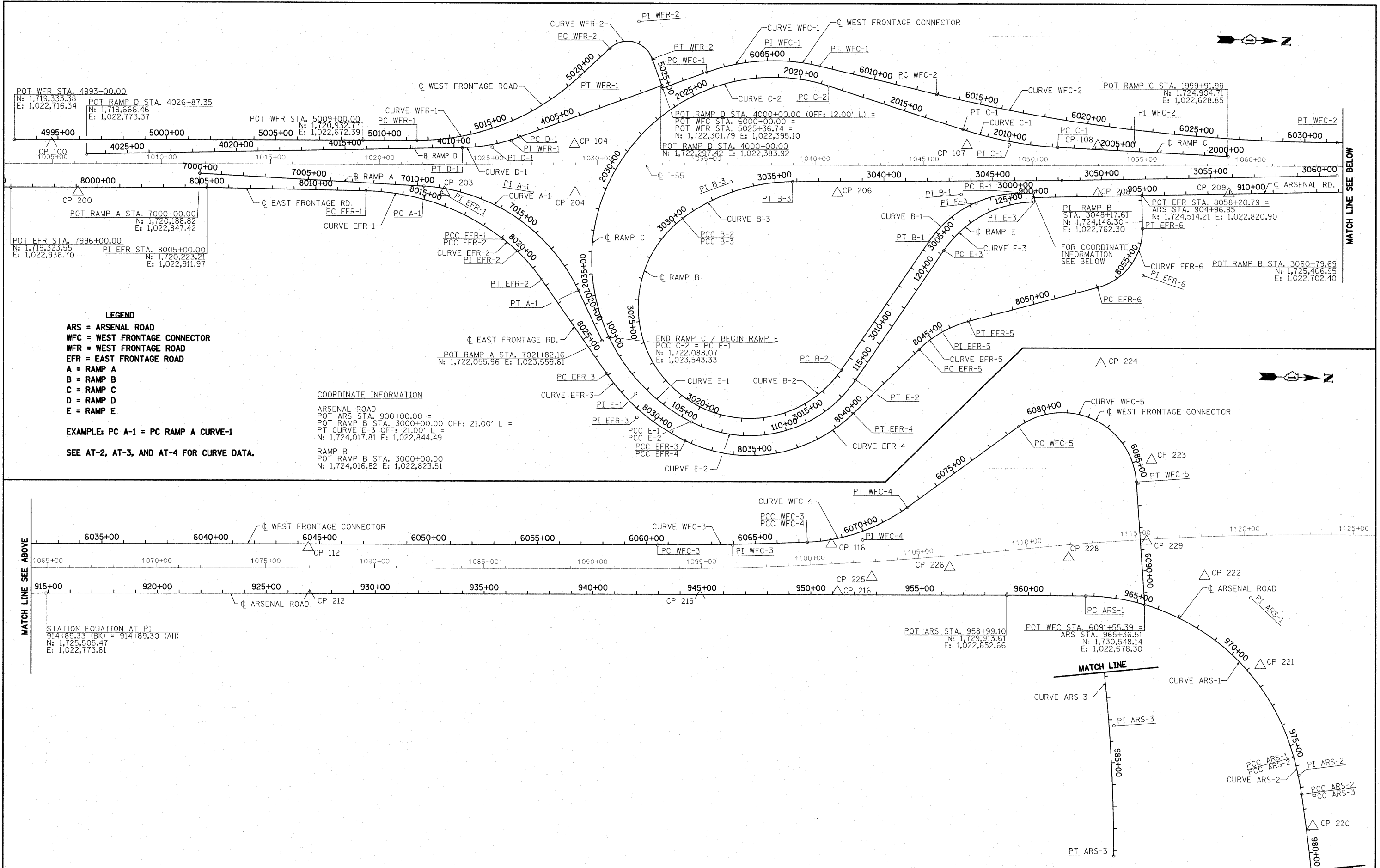
McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\62\F12-SHT-SCHEDULE06.dgn	USER NAME = TK\uegal	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE. = 55	SECTION = 99-2HB-2B-1	COUNTY = WILL	TOTAL SHEETS = 756	SHEET NO. = 31
PLOT SCALE = 1/8" = 1'	CHECKED - DLT	REVISED -	REVISED -		SCALE: NONE	SHEET NO. 5 OF 8 SHEETS	STA. TO STA.	CONTRACT NO. 60F12				
PLOT DATE = 2/3/2011	DATE = 2/4/11	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

EROSION CONTROL SCHEDULE I-55

	25100115 MULCH, METHOD 2	25100630 EROSION CONTROL BLANKET	28000250 TEMPORARY EROSION CONTROL SEEDING	28000305 TEMPORARY DITCH CHECKS	28000500 INLET AND PIPE PROTECTION	28000510 INLET FILTERS	X6640200 TEMPORARY CHAIN LINK FENCE	X0323426 SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	28000400 PERIMETER EROSION BARRIER	X0323974 SEDIMENT CONTROL, SILT FENCE MAINTENANCE	X0324045 SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	X0324774 SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	X0324775 SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	28100107 STONE RIPRAP, CLASS A4
	ACRE	SQ YD	POUND	FOOT	EACH	EACH	FOOT	EACH	FOOT	FOOT	EACH	SQ YD	SQ YD	SQ YD
SHEET														
EC-1	0.17	-	34	20	-	-	52	-	501	150	1	424	848	-
EC-2	1.69	-	337	-	-	-	597	-	2,297	689	-	175	350	-
EC-3	2.38	-	476	-	6	3	152	15	3,356	1,007	1	389	777	-
EC-4	2.42	-	484	20	4	-	-	-	5,462	1,639	-	-	-	-
EC-5	1.50	-	300	-	2	9	159	45	3,988	1,196	1	389	777	-
EC-6	1.95	-	391	120	1	-	67	-	2,878	863	-	-	-	-
EC-7	0.86	-	173	-	-	-	-	-	1,580	474	-	-	-	-
EC-8	0.53	-	106	100	-	16	722	80	367	110	-	-	-	-
EC-9	2.48	-	496	160	3	14	-	70	-	-	-	-	-	-
EC-10	2.81	-	563	320	1	11	-	55	1,408	422	2	691	1,383	-
EC-11	11.01	-	2,203	260	2	3	-	15	1,405	422	-	-	-	-
EC-12	9.22	-	1,845	-	-	-	-	-	1,750	525	-	-	-	-
EC-13	9.56	-	1,912	140	2	-	-	-	403	121	-	-	-	20
EC-14	5.72	-	1,144	60	2	-	-	-	2,326	698	-	-	-	-
EC-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	52	-	10,465	1,200	23	56	1,750	280	27,725	8,320	5	2,070	4,140	20
AT THE ENGINEER'S DISCRETION	5.30	-	1,050	120	3	6	175	28	2,775	832	1	210	415	5
GRAND TOTAL	57.70	-	11,515	1,320	26	62	1,925	308	30,500	9,155	6	2,280	4,555	25

	28200200 FILTER FABRIC	28000200 EARTH EXCAVATION FOR EROSION CONTROL	X0324044 EROSION CONTROL TEMPORARY PIPE SLOPE DRAIN
	SQ YD	CU YD	EACH
SHEET			
EC-1	-	-	-
EC-2	-	-	-
EC-3	-	-	-
EC-4	-	-	-
EC-5	-	-	-
EC-6	-	-	-
EC-7	-	-	-
EC-8	-	-	-
EC-9	-	-	-
EC-10	-	-	-
EC-11	-	-	3
EC-12	-	-	4
EC-13	15	70	3
EC-14	-	-	2
EC-15	-	-	-
SUB-TOTAL	15	70	12
AT THE ENGINEER'S DISCRETION	5	10	2
GRAND TOTAL	20	80	14



LEGEND
 ARS = ARSENAL ROAD
 WFC = WEST FRONTAGE CONNECTOR
 WFR = WEST FRONTAGE ROAD
 EFR = EAST FRONTAGE ROAD
 A = RAMP A
 B = RAMP B
 C = RAMP C
 D = RAMP D
 E = RAMP E

EXAMPLE: PC A-1 = PC RAMP A CURVE-1
 SEE AT-2, AT-3, AND AT-4 FOR CURVE DATA.

COORDINATE INFORMATION
 ARSENAL ROAD
 POT ARS STA. 900+00.00 =
 POT RAMP B STA. 3000+00.00 OFF: 21.00' L =
 PT CURVE E-3 OFF: 21.00' L =
 N: 1,724,017.81 E: 1,022,844.49

RAMP B
 POT RAMP B STA. 3000+00.00
 N: 1,724,016.82 E: 1,022,823.51

MATCH LINE SEE ABOVE

STATION EQUATION AT PI
 914+89.33 (BK) = 914+89.30 (AH)
 N: 1,725,505.47
 E: 1,022,773.81

MATCH LINE SEE BELOW

McDonough Associates Inc.
 Engineers / Architects
 730 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\60F12-SHT-ATB01.dgn	USER NAME = TKluegel	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES, AND BENCHMARKS	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1:200	DRAWN - ---	REVISED - ---			55	99-2HB-2B-1	WILL	756	34	
	PLOT DATE = 3/3/2011	CHECKED - ---	REVISED - ---			SCALE: 1"=200'		SHEET NO. 1 OF 9 SHEETS		STA. TO STA.	
	DATE = 2/4/11	DATE - ---	REVISED - ---			CONTRACT NO. 60F12					

CURVE I-55 - 1

P.I. STATION 1100+76.51 N 1,729,085.29 E 1,022,558.38
 DELTA = 6° 02' 01" (LT)
 DEGREE = 0° 21' 12"
 RADIUS = 16,216.85'
 TANGENT = 854.65'
 LENGTH = 1,707.71'
 EXTERNAL = 22.50'
 LONG CHORD = 1,706.92'
 MID. ORD. = 22.47'
 P.C. STATION 1092+21.86 N 1,728,230.97 E 1,022,581.86
 P.C.C. STATION 1109+29.57 N 1,729,932.41 E 1,022,445.24

CURVE I-55 - 2

P.I. STATION 1116+34.36 N 1,730,630.99 E 1,022,351.93
 DELTA = 6° 05' 15" (RT)
 DEGREE = 0° 25' 56"
 RADIUS = 13,254.52'
 TANGENT = 704.79'
 LENGTH = 1,408.25'
 EXTERNAL = 18.72'
 LONG CHORD = 1,407.59'
 MID. ORD. = 18.70'
 P.C.C. STATION 1109+29.57 N 1,729,932.41 E 1,022,445.24
 P.T. STATION 1123+37.82 N 1,731,335.53 E 1,022,333.23

CURVE ARSENAL ROAD - 1

P.I. STATION 970+18.91 N 1,731,033.21 E 1,022,631.29
 DELTA = 74° 19' 32" (RT)
 DEGREE = 5° 43' 46"
 RADIUS = 1,000.00'
 TANGENT = 758.02'
 LENGTH = 1297.22'
 EXTERNAL = 254.83'
 LONG CHORD = 1,208.16'
 MID. ORD. = 203.08'
 S.E. RATE = 4.00%
 S.E. IN = STA. 960+85.89 TO STA. 963+10.89
 P.C. STATION 962+60.89 N 1,730,275.33 E 1,022,645.76
 P.C.C. STATION 975+58.12 N 1,731,251.89 E 1,023,357.08

CURVE ARSENAL ROAD - 2

P.I. STATION 976+44.66 N 1,731,276.86 E 1,023,439.94
 DELTA = 6° 39' 28" (RT)
 DEGREE = 3° 51' 02"
 RADIUS = 1,487.94'
 TANGENT = 86.55'
 LENGTH = 172.90'
 EXTERNAL = 2.51'
 LONG CHORD = 172.80'
 MID. ORD. = 2.51'
 S.E. RATE = 4.00%
 P.C.C. STATION 975+58.12 N 1,731,251.89 E 1,023,357.08
 P.C.C. STATION 977+31.01 N 1,731,292.06 E 1,023,525.14

CURVE ARSENAL ROAD - 3

P.I. STATION 983+29.24 N 1,731,397.07 E 1,024,114.08
 DELTA = 8° 33' 11" (RT)
 DEGREE = 0° 42' 58"
 RADIUS = 8,000.00'
 TANGENT = 598.23'
 LENGTH = 1,194.23'
 EXTERNAL = 22.34'
 LONG CHORD = 1,193.12'
 MID. ORD. = 22.27'
 P.C.C. STATION 977+31.01 N 1,731,292.06 E 1,023,525.14
 P.T. STATION 989+25.24 N 1,731,413.33 E 1,024,712.09

CURVE WEST FRONTAGE CONNECTOR - 1

P.I. STATION 6004+84.50 N 1,722,753.10 E 1,022,218.86
 DELTA = 33° 02' 16" (RT)
 DEGREE = 6° 17' 22"
 RADIUS = 911.00'
 TANGENT = 270.18'
 LENGTH = 525.30'
 EXTERNAL = 39.22'
 LONG CHORD = 518.05'
 MID. ORD. = 37.60'
 S.E. RATE = 6.00%
 S.E. IN = STA. 6000+70.32 TO STA. 6002+62.32
 S.E. OUT = STA. 6006+91.62 TO STA. 6008+83.62
 P.C. STATION 6002+14.32 N 1,722,501.43 E 1,022,317.14
 P.T. STATION 6007+39.62 N 1,723,017.65 E 1,022,273.68

CURVE WEST FRONTAGE CONNECTOR - 2

P.I. STATION 6022+25.25 N 1,724,472.38 E 1,022,575.12
 DELTA = 13° 16' 51" (LT)
 DEGREE = 0° 42' 58"
 RADIUS = 8,000.00'
 TANGENT = 931.36'
 LENGTH = 1,854.37'
 EXTERNAL = 54.03'
 LONG CHORD = 1,850.22'
 MID. ORD. = 53.67'
 S.E. RATE = NORMAL CROWN
 P.C. STATION 6012+93.89 N 1,723,560.39 E 1,022,386.14
 P.T. STATION 6031+48.26 N 1,725,403.39 E 1,022,549.53

CURVE WEST FRONTAGE CONNECTOR - 3

P.I. STATION 6063+95.59 N 1,728,649.49 E 1,022,460.32
 DELTA = 2° 26' 42" (LT)
 DEGREE = 0° 21' 21"
 RADIUS = 16,100.00'
 TANGENT = 343.56'
 LENGTH = 687.01'
 EXTERNAL = 3.67'
 LONG CHORD = 686.95'
 MID. ORD. = 3.66'
 S.E. RATE = NORMAL CROWN
 P.C. STATION 6060+52.03 N 1,728,306.06 E 1,022,469.76
 P.C.C. STATION 6067+39.04 N 1,728,992.20 E 1,022,436.24

CURVE WEST FRONTAGE CONNECTOR - 4

P.I. STATION 6069+92.58 N 1,729,245.12 E 1,022,418.47
 DELTA = 33° 35' 03" (LT)
 DEGREE = 6° 49' 10"
 RADIUS = 840.18'
 TANGENT = 253.54'
 LENGTH = 492.48'
 EXTERNAL = 37.42'
 LONG CHORD = 485.46'
 MID. ORD. = 35.83'
 S.E. RATE = 6.00%
 S.E. IN = STA. 6065+95.04 TO STA. 6067+87.04
 S.E. OUT = STA. 6071+83.52 TO STA. 6073+75.52
 P.C.C. STATION 6067+39.04 N 1,728,992.20 E 1,022,436.24
 P.T. STATION 6072+31.52 N 1,729,445.98 E 1,022,263.76

CURVE WEST FRONTAGE CONNECTOR - 5

P.I. STATION 6084+79.95 N 1,730,435.06 E 1,021,501.98
 DELTA = 122° 06' 45" (RT)
 DEGREE = 16° 48' 26"
 RADIUS = 340.90'
 TANGENT = 616.43'
 LENGTH = 726.55'
 EXTERNAL = 363.51'
 LONG CHORD = 596.64'
 MID. ORD. = 175.92'
 S.E. RATE = 5.00%
 S.E. IN = STA. 6078+30.72 TO STA. 6079+04.52
 S.E. OUT = STA. 6085+20.07 TO STA. 6087+16.07
 P.C. STATION 6078+63.52 N 1,729,946.70 E 1,021,878.12
 P.T. STATION 6085+90.07 N 1,730,494.05 E 1,022,115.58

CURVE WEST FRONTAGE ROAD - 1

P.I. STATION 5015+80.03 N 1,721,612.55 E 1,022,653.71
 DELTA = 42° 50' 05" (LT)
 DEGREE = 5° 12' 31"
 RADIUS = 1,100.00'
 TANGENT = 431.47'
 LENGTH = 822.3699'
 EXTERNAL = 81.60'
 LONG CHORD = 803.35'
 MID. ORD. = 75.96'
 S.E. RATE = 5.75%
 S.E. IN = STA. 5010+08.56 TO STA. 5011+94.56
 S.E. OUT = STA. 5019+45.57 TO STA. 5020+83.57
 P.C. STATION 5011+48.56 N 1,721,181.24 E 1,022,665.56
 P.T. STATION 5019+70.93 N 1,721,920.77 E 1,022,351.78

CURVE WEST FRONTAGE ROAD - 2

P.I. STATION 5023+39.59 N 1,722,184.13 E 1,022,093.80
 DELTA = 113° 04' 44" (RT)
 DEGREE = 47° 44' 47"
 RADIUS = 120.00'
 TANGENT = 181.5'
 LENGTH = 236.83'
 EXTERNAL = 97.64'
 LONG CHORD = 200.22'
 MID. ORD. = 53.84'
 S.E. RATE = 5.00%
 S.E. IN = STA. 5020+83.57 TO STA. 5021+64.57
 S.E. OUT = STA. 5023+67.85 TO STA. 5024+81.85
 P.C. STATION 5021+58.02 N 1,722,054.43 E 1,022,220.86
 P.T. STATION 5023+94.85 N 1,722,250.18 E 1,022,262.93

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D160F12-SHT-ATB02.dgn	USER NAME = IKLuegel	DESIGNED - ---	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES, AND BENCHMARKS	F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 35	
PLOT SCALE = 1:200	CHECKED - ---	REVISED -	SCALE: NONE			SHEET NO. 2 OF 9 SHEETS	STA. TO STA.	CONTRACT NO. 60F12			
PLOT DATE = 2/3/2011	DATE = 2/4/11	REVISED -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

CURVE EAST FRONTAGE ROAD - 1

P.I. STATION 8015+77.77 N 1,721,300.94 E 1,022,902.01
 DELTA = 36° 00' 38" (RT)
 DEGREE = 5° 21' 17"
 RADIUS = 1,070.00'
 TANGENT = 347.77'
 LENGTH = 672.50'
 EXTERNAL = 55.10'
 LONG CHORD = 661.49'
 MID. ORD. = 52.40'
 S.E. RATE = 6.00%
 S.E. IN = STA. 8010+86.00 TO STA. 8012+78.00
 P.C. STATION 8012+30.00 N 1,720,953.18 E 1,022,905.23
 P.C.C. STATION 8019+02.50 N 1,721,584.14 E 1,023,103.87

CURVE EAST FRONTAGE ROAD - 2

P.I. STATION 8020+36.36 N 1,721,693.13 E 1,023,181.57
 DELTA = 18° 12' 55" (RT)
 DEGREE = 6° 51' 42"
 RADIUS = 835.00'
 TANGENT = 133.86'
 LENGTH = 265.46'
 EXTERNAL = 10.66'
 LONG CHORD = 264.34'
 MID. ORD. = 10.53'
 S.E. RATE = 6.00%
 S.E. OUT = STA. 8021+19.96 TO STA. 8023+11.96
 P.C.C. STATION 8019+02.50 N 1,721,584.14 E 1,023,103.87
 P.T. STATION 8021+67.96 N 1,721,772.39 E 1,023,289.44

CURVE EAST FRONTAGE ROAD - 3

P.I. STATION 8029+34.94 N 1,722,226.49 E 1,023,907.54
 DELTA = 29° 28' 24" (LT)
 DEGREE = 6° 09' 39"
 RADIUS = 930.00'
 TANGENT = 244.62'
 LENGTH = 478.40'
 EXTERNAL = 31.63'
 LONG CHORD = 473.14'
 MID. ORD. = 30.59'
 S.E. RATE = 6.00%
 S.E. IN = STA. 8025+46.32 TO STA. 8027+38.32
 P.C. STATION 8026+90.32 N 1,722,081.66 E 1,023,710.41
 P.C.C. STATION 8031+68.72 N 1,722,449.57 E 1,024,007.90

CURVE EAST FRONTAGE ROAD - 4

P.I. STATION 8036+46.89 N 1,722,885.64 E 1,024,204.09
 DELTA = 70° 09' 0" (LT)
 DEGREE = 8° 24' 48"
 RADIUS = 681.00'
 TANGENT = 478.17'
 LENGTH = 833.78'
 EXTERNAL = 151.11'
 LONG CHORD = 782.67'
 MID. ORD. = 123.67'
 S.E. RATE = 6.00%
 S.E. OUT = STA. 8039+57.50 TO STA. 8041+37.50
 P.C.C. STATION 8031+68.72 N 1,722,449.57 E 1,024,007.90
 P.T. STATION 8040+02.50 N 1,723,218.25 E 1,023,860.54

CURVE EAST FRONTAGE ROAD - 5

P.I. STATION 8045+60.84 N 1,723,606.61 E 1,023,459.40
 DELTA = 29° 37' 15" (RT)
 DEGREE = 11° 14' 04"
 RADIUS = 510.00'
 TANGENT = 134.85'
 LENGTH = 263.66'
 EXTERNAL = 17.53'
 LONG CHORD = 260.73'
 MID. ORD. = 16.94'
 S.E. RATE = 6.00%
 S.E. IN = STA. 8042+99.99 TO STA. 8044+67.99
 S.E. OUT = STA. 8046+47.65 TO STA. 8048+15.65
 P.C. STATION 8044+25.99 N 1,723,512.82 E 1,023,556.29
 P.T. STATION 8046+89.65 N 1,723,736.03 E 1,023,421.54

CURVE EAST FRONTAGE ROAD - 6

P.I. STATION 8055+18.65 N 1,724,531.68 E 1,023,188.78
 DELTA = 76° 24' 49" (LT)
 DEGREE = 20° 50' 05"
 RADIUS = 275.00'
 TANGENT = 216.46'
 LENGTH = 366.76'
 EXTERNAL = 74.97'
 LONG CHORD = 340.18'
 MID. ORD. = 58.91'
 S.E. RATE = 6.00%
 S.E. IN = STA. 8052+18.19 TO STA. 8053+23.19
 S.E. OUT = STA. 8056+47.95 TO STA. 8057+52.95
 P.C. STATION 8053+02.19 N 1,724,323.93 E 1,023,249.56
 P.T. STATION 8056+68.95 N 1,724,521.41 E 1,022,972.57

CURVE RAMP A - 1

P.I. STATION 7015+27.51 N 1,721,715.77 E 1,022,888.65
 DELTA = 61° 34' 02" (RT)
 DEGREE = 6° 51' 42"
 RADIUS = 835.00'
 TANGENT = 497.44'
 LENGTH = 897.25'
 EXTERNAL = 136.94'
 LONG CHORD = 854.70'
 MID. ORD. = 117.65'
 S.E. RATE = 6.00%
 S.E. IN = STA. 7009+65.58 TO STA. 7010+94.58
 S.E. OUT = STA. 7016+40.79 TO STA. 7019+76.79
 P.C. STATION 7010+30.07 N 1,721,218.51 E 1,022,875.22
 P.T. STATION 7019+27.32 N 1,721,940.72 E 1,023,332.32

CURVE RAMP B - 1

P.I. STATION 3003+31.50 N 1,723,685.69 E 1,022,839.24
 DELTA = 54° 35' 42" (LT)
 DEGREE = 11° 14' 04"
 RADIUS = 510.00'
 TANGENT = 263.20'
 LENGTH = 485.96'
 EXTERNAL = 63.91'
 LONG CHORD = 467.78'
 MID. ORD. = 56.80'
 S.E. RATE = 6.00%
 S.E. IN = STA. 3000+00.00 (START OF ALIGNMENT) TO STA. 3001+79.30
 S.E. OUT = STA. 3004+43.26 TO STA. 3007+76.26
 P.C. STATION 3000+68.30 N 1,723,948.60 E 1,022,826.75
 P.T. STATION 3005+54.26 N 1,723,543.56 E 1,023,060.77

CURVE RAMP B - 2

P.I. STATION 3044+11.55 N 1,724,854.21 E 1,021,018.04
 DELTA = 198° 26' 18" (RT)
 DEGREE = 11° 14' 04"
 RADIUS = 510.00'
 TANGENT = 3,142.16
 LENGTH = 1,766.34
 EXTERNAL = 3,693.28
 LONG CHORD = 1,006.82
 MID. ORD. = 591.71
 S.E. RATE = 6.00%
 S.E. IN = STA. 3011+85.38 TO STA. 3013+53.38
 P.C. STATION 3012+69.38 N 1,723,157.38 E 1,023,662.65
 P.C.C. STATION 3030+35.72 N 1,722,408.03 E 1,022,990.21

CURVE RAMP B - 3

P.I. STATION 3033+17.75 N 1,722,627.59 E 1,022,813.19
 DELTA = 36° 57' 20" (RT)
 DEGREE = 6° 47' 20"
 RADIUS = 843.95'
 TANGENT = 282.03
 LENGTH = 544.37'
 EXTERNAL = 45.88
 LONG CHORD = 534.98'
 MID. ORD. = 43.51
 S.E. RATE = 6.00%
 S.E. OUT = STA. 3034+84.09 TO STA. 3036+76.09
 P.C.C. STATION 3030+35.72 N 1,722,408.03 E 1,022,990.21
 P.T. STATION 3035+80.09 N 1,722,909.47 E 1,022,803.74

CURVE RAMP C - 1

P.I. STATION 2009+97.38 N 1,723,899.63 E 1,022,603.83
 DELTA = 14° 37' 41" (RT)
 DEGREE = 3° 18' 08"
 RADIUS = 1,735.00'
 TANGENT = 222.69'
 LENGTH = 442.96'
 EXTERNAL = 14.23'
 LONG CHORD = 441.75'
 MID. ORD. = 14.12'
 S.E. RATE = 4.70%
 S.E. IN = STA. 2007+25.19 TO STA. 2008+24.19
 S.E. OUT = STA. 2011+68.15 TO STA. 2012+67.15
 P.C. STATION 2007+74.69 N 1,724,122.25 E 1,022,609.37
 P.T. STATION 2012+17.65 N 1,723,685.62 E 1,022,542.25

CURVE RAMP C - 2

P.I. STATION 2037+82.40 N 1,721,220.89 E 1,021,833.00
 DELTA = 132° 56' 23" (LT)
 DEGREE = 6° 51' 42"
 RADIUS = 835.00'
 TANGENT = 1,917.61'
 LENGTH = 1,937.40'
 EXTERNAL = 1,256.52'
 LONG CHORD = 1,531.14'
 MID. ORD. = 501.64'
 S.E. RATE = 6.00%
 S.E. IN = STA. 2016+40.79 TO STA. 2019+76.79
 P.C. STATION 2018+64.79 N 1,723,063.72 E 1,022,363.29
 P.T. STATION 2038+02.19 N 1,722,088.07 E 1,023,543.33

FILE NAME =	USER NAME = TKLjege1	DESIGNED - ---	REVISED -
D160F12-SHT-ATB03.dgn		DRAWN - ---	REVISED -
		CHECKED - ---	REVISED -
		DATE - 2/4/11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: NONE SHEET NO. 3 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	36
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CURVE RAMP D - 1

P.I. STATION 4008+27.72 N 1,721,526.41 E 1,022,685.01
 DELTA = 18° 36' 40" (RT)
 DEGREE = 6° 51' 42"
 RADIUS = 835.00'
 TANGENT = 136.82'
 LENGTH = 271.23'
 EXTERNAL = 11.14'
 LONG CHORD = 270.04'
 MID. ORD. = 10.99'
 P.C. STATION 4006+90.90 N 1,721,653.86 E 1,022,635.24
 P.T. STATION 4009+62.13 N 1,721,389.74 E 1,022,691.50

CURVE RAMP E - 1

P.I. STATION 102+86.05 N 1,722,217.42 E 1,023,798.46
 DELTA = 37° 49' 14" (LT)
 DEGREE = 6° 51' 42"
 RADIUS = 835.00'
 TANGENT = 286.05'
 LENGTH = 551.18'
 EXTERNAL = 47.64'
 LONG CHORD = 541.22'
 MID. ORD. = 45.07'
 S.E. RATE = 6.00%
 P.C. STATION 100+00.00 N 1,722,088.07 E 1,023,543.33
 P.T. STATION 105+51.18 N 1,722,476.05 E 1,023,920.68

CURVE RAMP E - 2

P.I. STATION 110+69.58 N 1,722,944.76 E 1,024,142.17
 DELTA = 82° 36' 30" (LT)
 DEGREE = 9° 42' 40"
 RADIUS = 590.00'
 TANGENT = 518.40'
 LENGTH = 850.66'
 EXTERNAL = 195.39'
 LONG CHORD = 778.87'
 MID. ORD. = 146.78'
 S.E. RATE = 6.00%
 S.E. OUT = STA. 112+72.83 TO STA. 116+59.83
 P.C. STATION 105+51.18 N 1,722,476.05 E 1,023,920.68
 P.T. STATION 114+01.83 N 1,723,224.71 E 1,023,705.85

CURVE RAMP E - 3

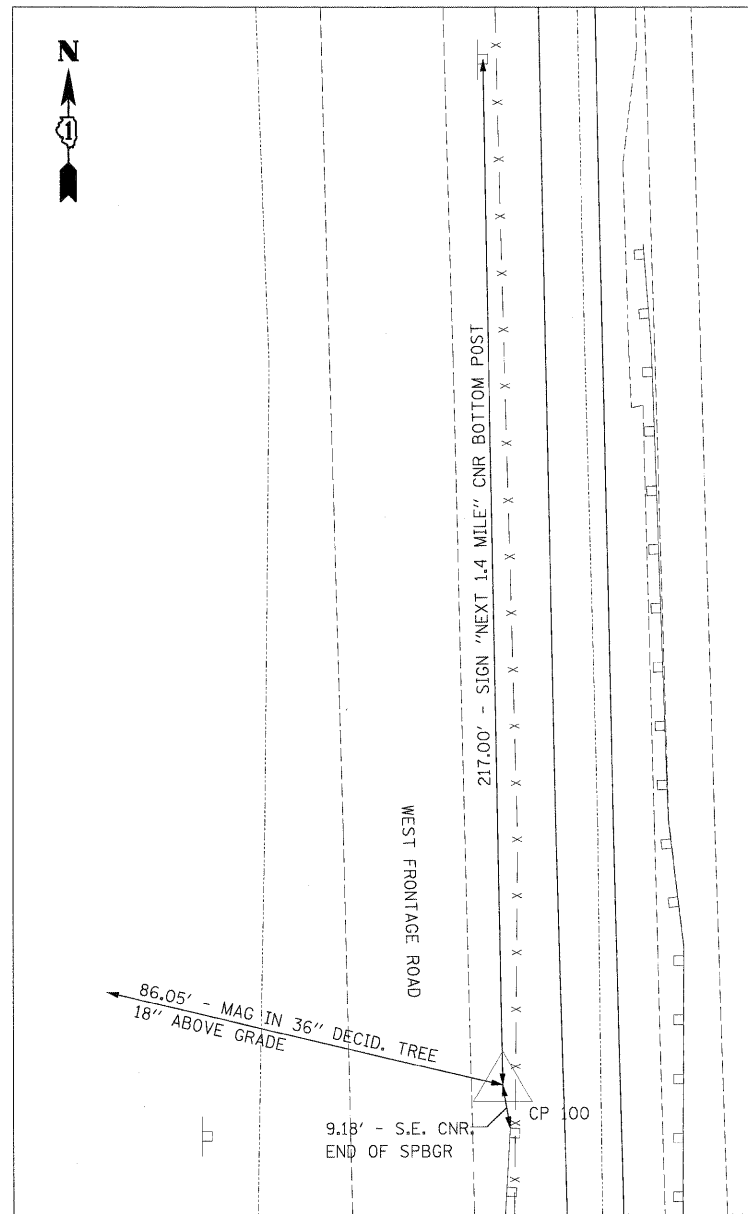
P.I. STATION 123+85.49 N 1,723,755.90 E 1,022,877.95
 DELTA = 54° 35' 42" (RT)
 DEGREE = 11° 14' 04"
 RADIUS = 510.00'
 TANGENT = 263.20'
 LENGTH = 485.96'
 EXTERNAL = 63.91'
 LONG CHORD = 467.78'
 MID. ORD. = 56.80'
 S.E. RATE = 6.00%
 S.E. IN = STA. 120+38.29 TO STA. 122+06.29
 S.E. OUT = STA. 125+24.25 TO STA. 126+08.25 (END OF ALIGNMENT)
 P.C. STATION 121+22.29 N 1,723,613.77 E 1,023,099.48
 P.T. STATION 126+08.25 N 1,724,018.81 E 1,022,865.46

FILE NAME = D160F12-SHT-ATB04.dgn	USER NAME = TKluegel	DESIGNED - ---	REVISED -
		DRAWN - ---	REVISED -
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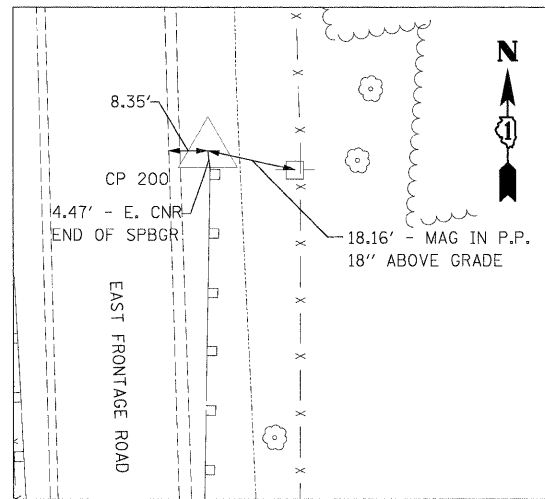
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS
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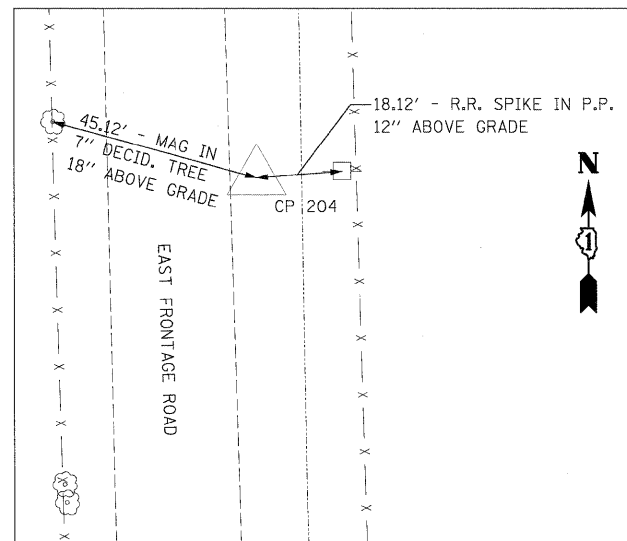
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



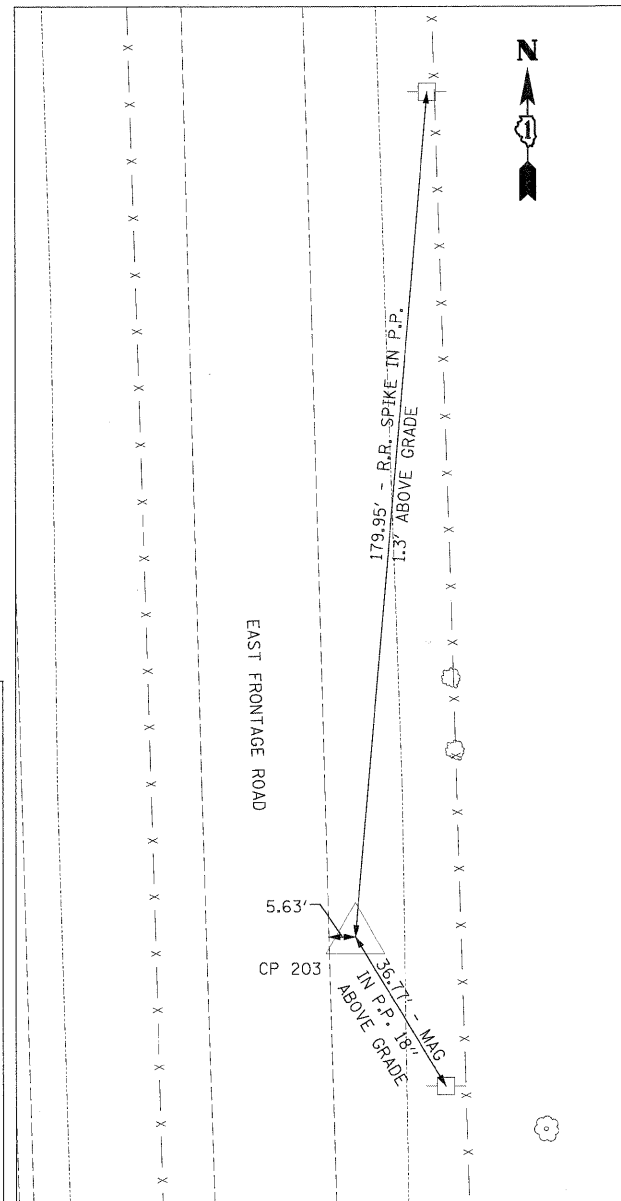
CP 100
 N 1719505.47
 E 1022731.40
 STA 1004+95.55
 OFF 90.23' LT
 ELEV 519.86



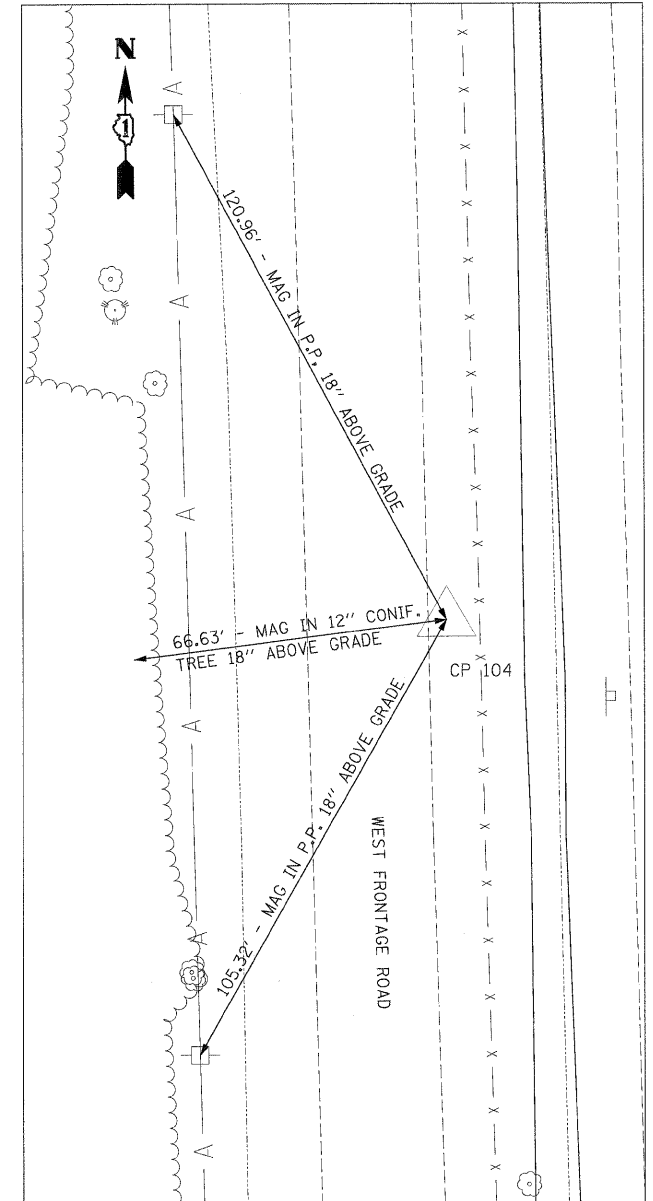
CP 200
 N 1719631.86
 E 1022949.65
 STA 1006+15.90
 OFF 131.42' RT
 ELEV 518.31



CP 204
 N 1721913.30
 E 1022884.65
 STA 1028+98.26
 OFF 129.12' RT
 ELEV 531.90



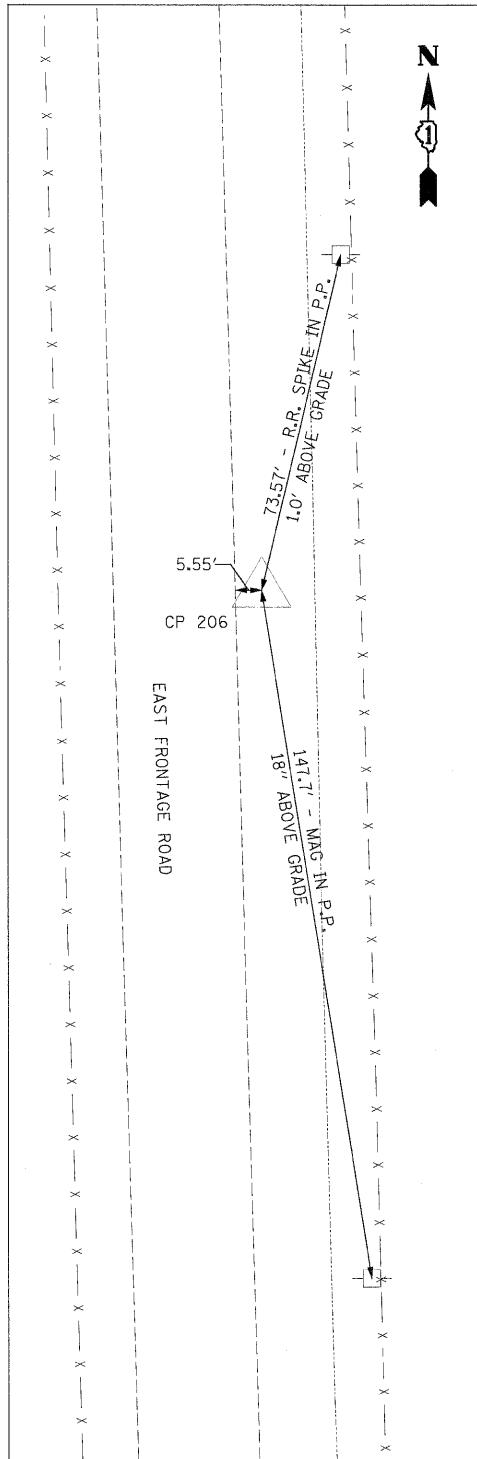
CP 203
 N 1721313.17
 E 1022900.33
 STA 1022+97.93
 OFF 128.30' RT
 ELEV 530.15



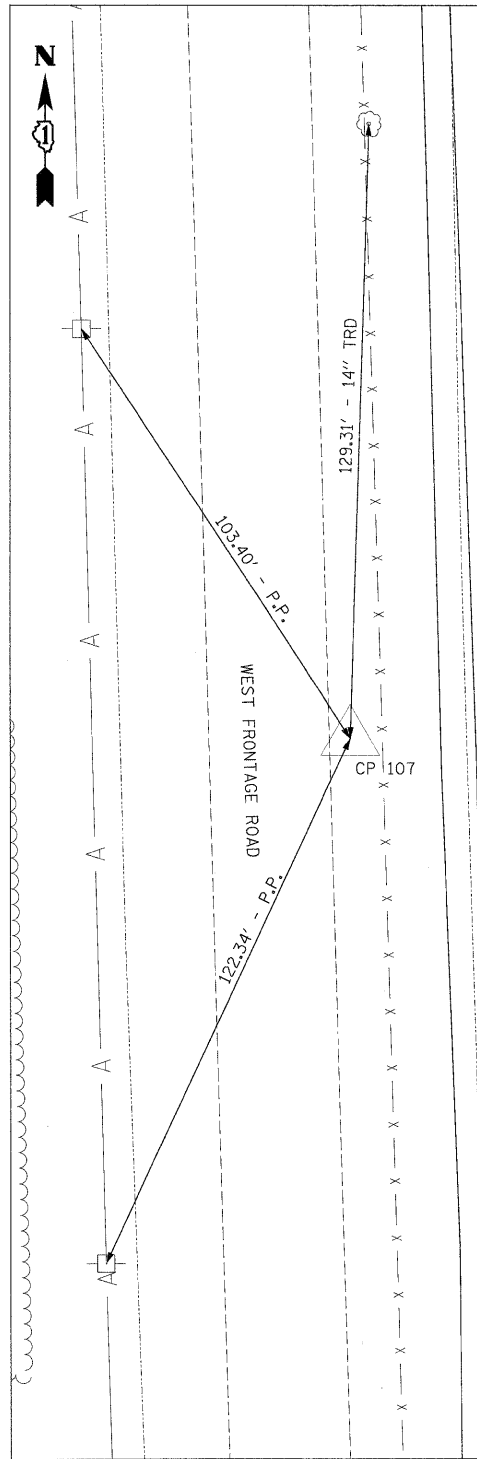
CP 104
 N 1721904.47
 E 1022663.03
 STA 1028+95.52
 OFF 92.66' RT
 ELEV 530.11

BENCHMARKS

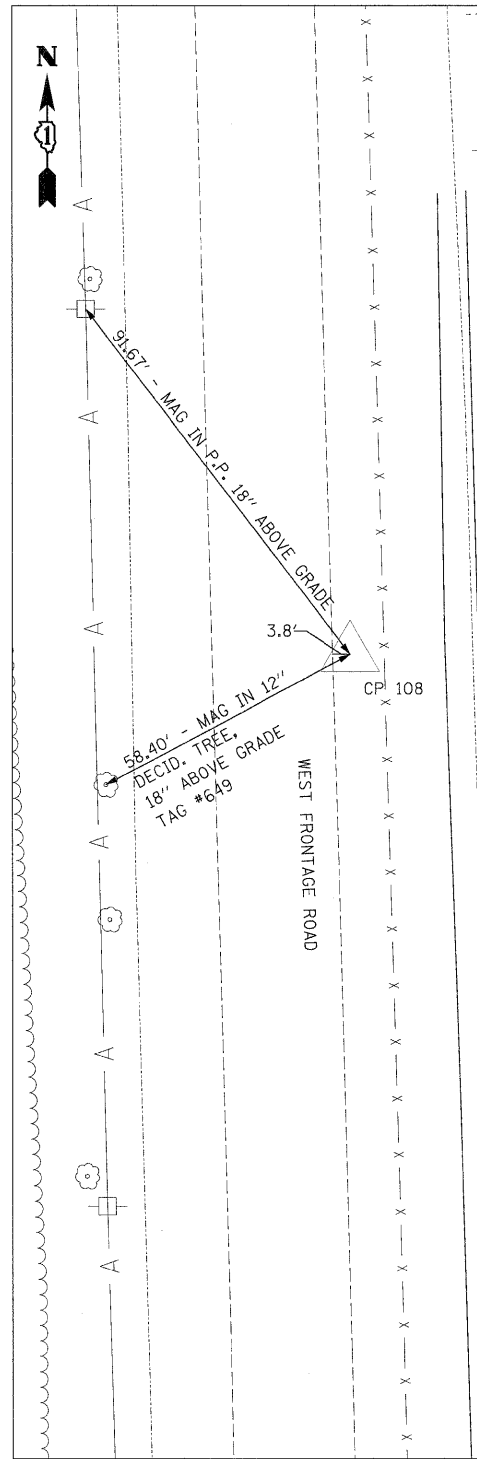
J247	NGS MONUMENT G 247, PID MF 0335, BENCH MARK DISK SET IN TOP OF CONCRETE. ELEV=531.030	BM 7	RR SPIKE IN E SIDE OF POWER POLE ±6.5' TALL AT THE SOUTH EDGE OF A POND ON THE E SIDE OF E FRONTAGE ROAD BETWEEN CPT'S 214 & 215. ELEV=556.123	BM 14	RR SPIKE IN 1ST POWER POLE NORTH OF CPT 106, W SIDE OF W FRONTAGE ROAD. ELEV=531.466
BM 2962	DISK IN CONCRETE N OF GUARDRAIL E SIDE OF FRONTAGE ROAD ON E SIDE OF I-55. STAMPED US DEPT OF AGRICULTURE FOREST SERVICE T33N R9E PLS2962 2002. ELEV=522.830	BM 8	DISK IN CONCRETE ±125' N OF ENTRANCE TO EXXON MOBILE OFFICE BUILDING AT THE E SIDE OF FRONTAGE ROAD, CONC. CYLINDER ± 16" ABOVE GROUND. ELEV=552.297	BM 15	RR SPIKE IN 1ST POWER POLE N OF DOW CHEMICAL PLANT GATE C ON W SIDE OF W FRONTAGE ROAD. ELEV=524.023
BM RR	TOP OF CONCRETE ROW MARKER N SIDE OF BLODGETT RD, W SIDE OF RR TRACKS, ± 1'N OF POWER POLE. ELEV=522.750	BM 9	BOX CUT ON S CORNER OF TRAFFIC HANDHOLE FOUNDATION AT THE SE CORNER OF ARSENAL ROAD AND E FRONTAGE ROAD. ELEV 545.485	BM 16	DISK IN NE WINGWALL OF W FRONTAGE ROAD BRIDGE OVER GRANT CREEK STAMPED US COAST & GEODETIC SURVEY BENCHMARK G247 1960 (MF 1197). ELEV=521.450
BM 1	BOX CUT AT TOP OF SE WINGWALL OF GRANT CREEK BRIDGE ON E FRONTAGE RD OF I-55. ELEV=520.800	BM 10	RR SPIKE IN 2ND POWER POLE EAST OF E FRONTAGE ROAD, N SIDE OF ARSENAL ROAD ±1' S OF FENCE. ELEV=539.808		
BM 2	RR SPIKE IN 1ST POWER POLE N OF CPT 203 ±1' ABOVE GROUND. ELEV=529.734	BM 11	RR SPIKE IN 2ND POWER POLE WEST OF I-55 SOUTHBOUND ENTRANCE RAMP AT N SIDE OF ARSENAL ROAD, ±1' N OF GUARDRAIL. ELEV=549.615		
BM 3	RR SPIKE IN 2ND POWER POLE N OF CPT 205 ±1' ABOVE GROUND. ELEV=531.047	BM 12	GUTTER NAIL IN 1ST POWER POLE NORTH OF DURKEE ROAD (NORTH BRANCH), W SIDE OF W FRONTAGE ROAD. ELEV=545.042		
BM 4	RR SPIKE IN 2ND POWER POLE N OF CPT 207 ±1' ABOVE GROUND. ELEV=534.690	BM 13	GUTTER NAIL IN POWER POLE N SIDE OF GATE B ENTRANCE TO DOW CHEMICAL PLAN, W SIDE OF W FRONTAGE ROAD. ELEV=540.800		
BM 5	RR SPIKE IN 1ST POWER POLE N OF CPT 210 ±1' ABOVE GROUND. ELEV=538.174				
BM 6	BOX CUT IN TOP OF CONCRETE CULVERT AT S SIDE OF CONTRACATOR'S GATE A ON E SIDE OF E FRONTAGE ROAD. ELEV=543.997				



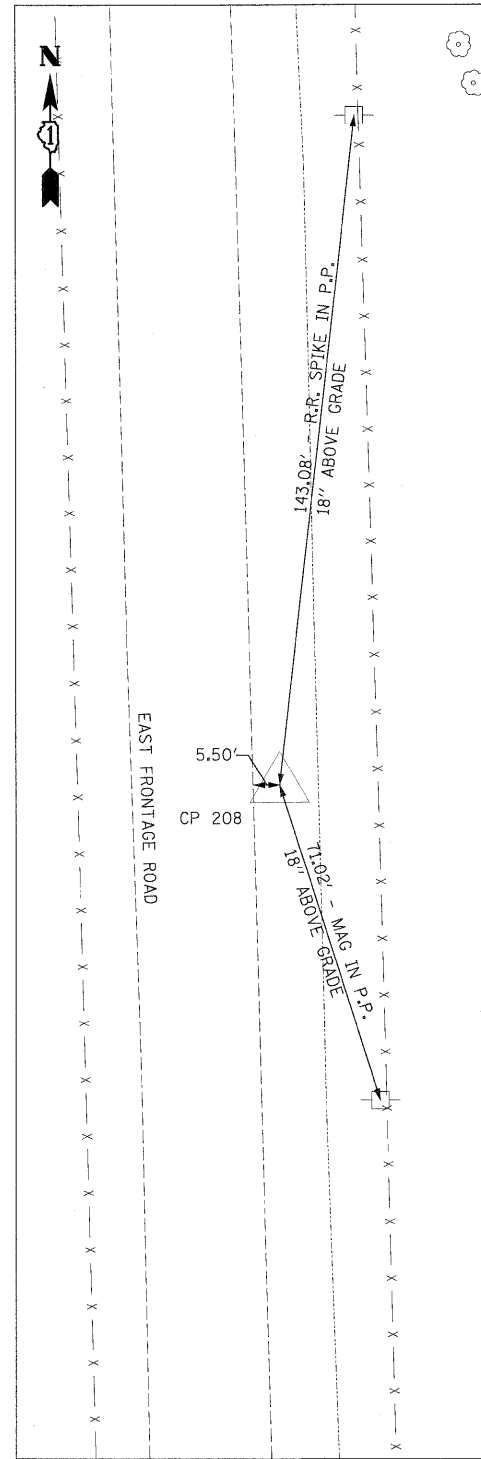
CP 206
 N 1723116.51
 E 1022851.09
 STA 1041+01.94
 OFF 128.62' RT
 ELEV 533.91



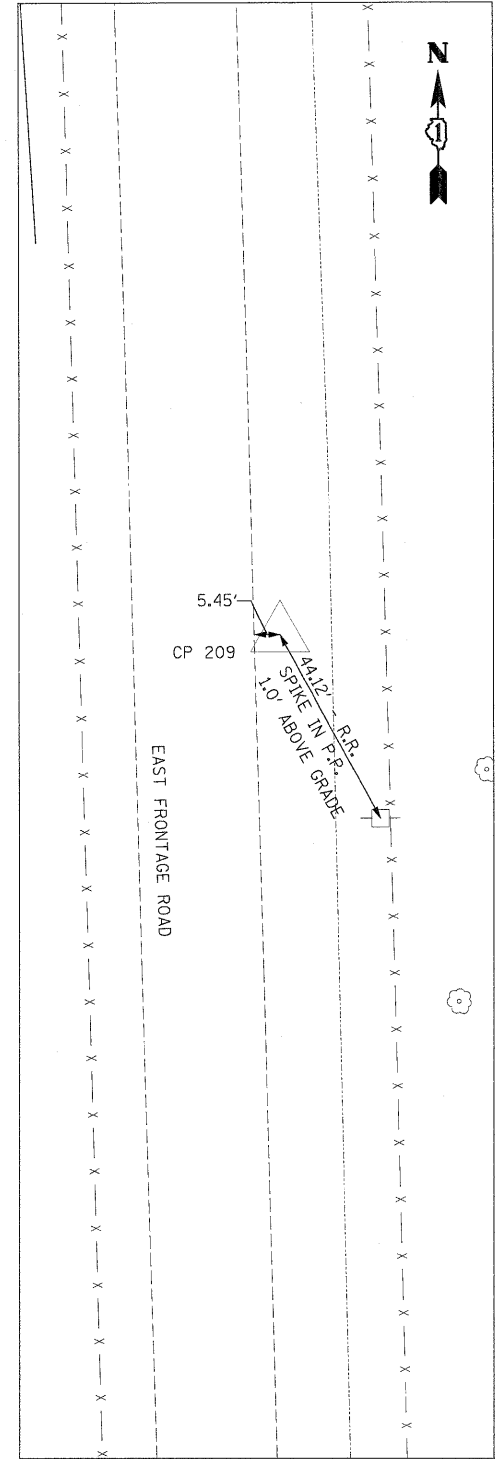
CP 107
 N 1723719.78
 E 1022834.12
 STA 1046+97.48
 OFF 92.77' LT
 ELEV 535.50



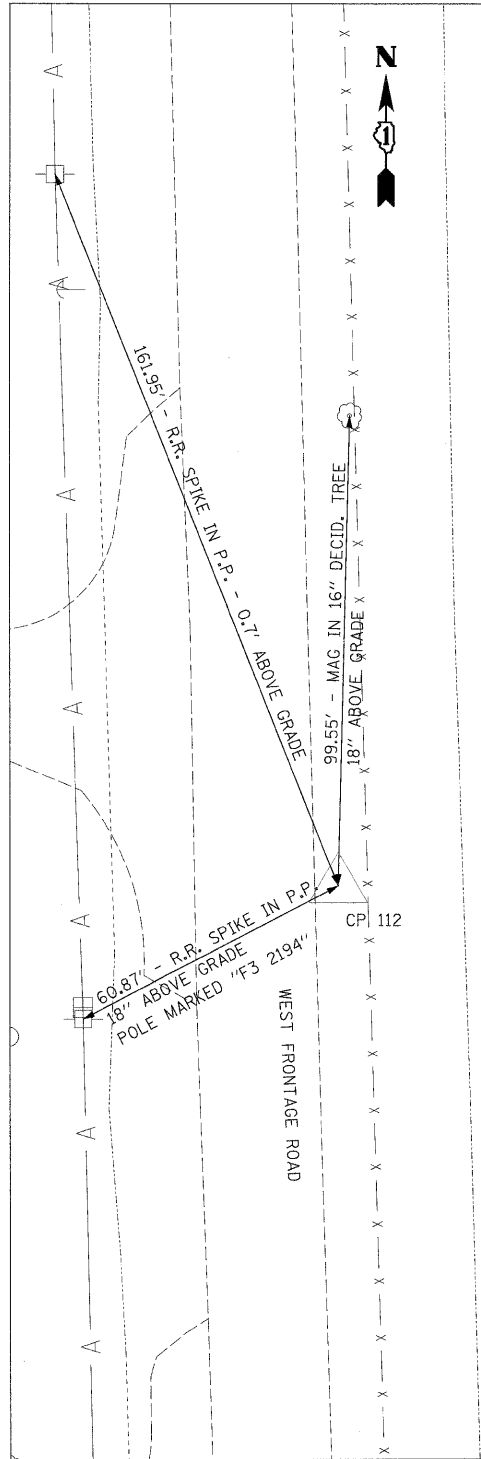
CP 108
 N 1724305.65
 E 1022596.44
 STA 1052+97.62
 OFF 93.26' LT
 ELEV 535.56



CP 208
 N 1724310.94
 E 1022818.13
 STA 1052+96.83
 OFF 128.49' RT
 ELEV 535.22

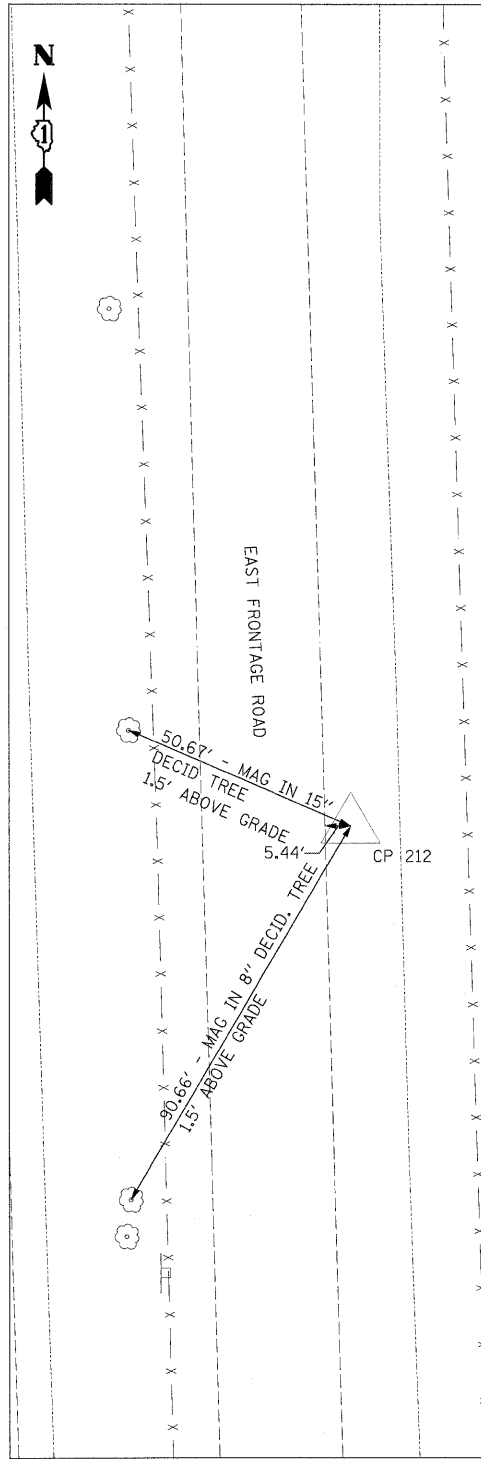


CP 209
 N 1724913.70
 E 1022801.02
 STA 1058+99.82
 OFF 127.95' RT
 ELEV 535.74



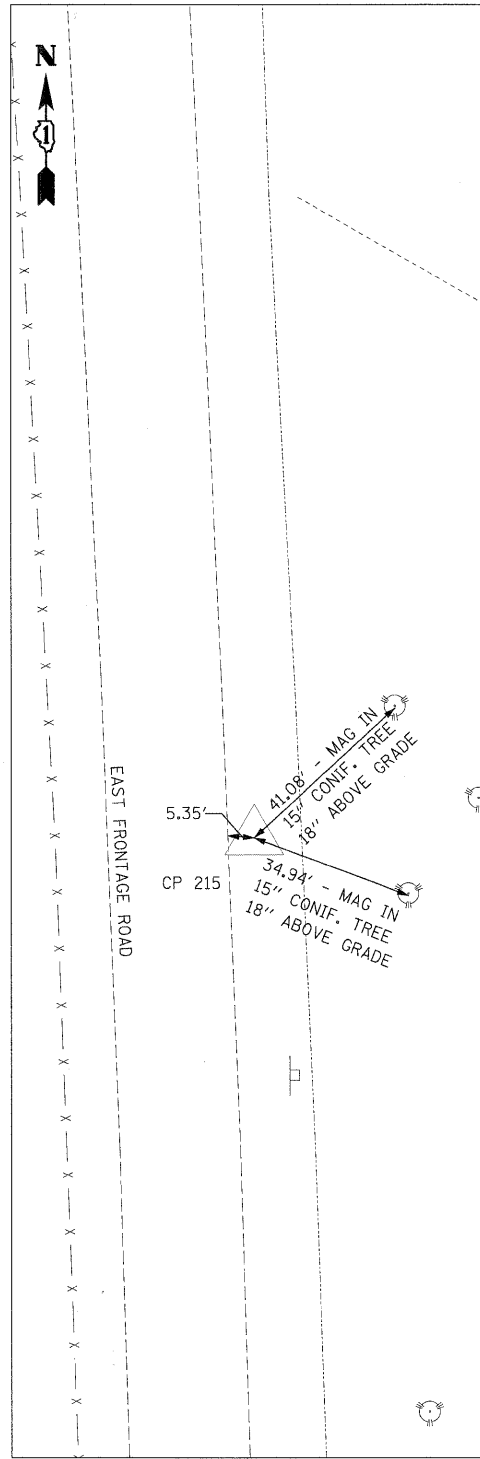
CP 112

N 172602.46
 E 1022531.24
 STA 1076+95.33
 OFF 92.60' LT
 ELEV 544.68



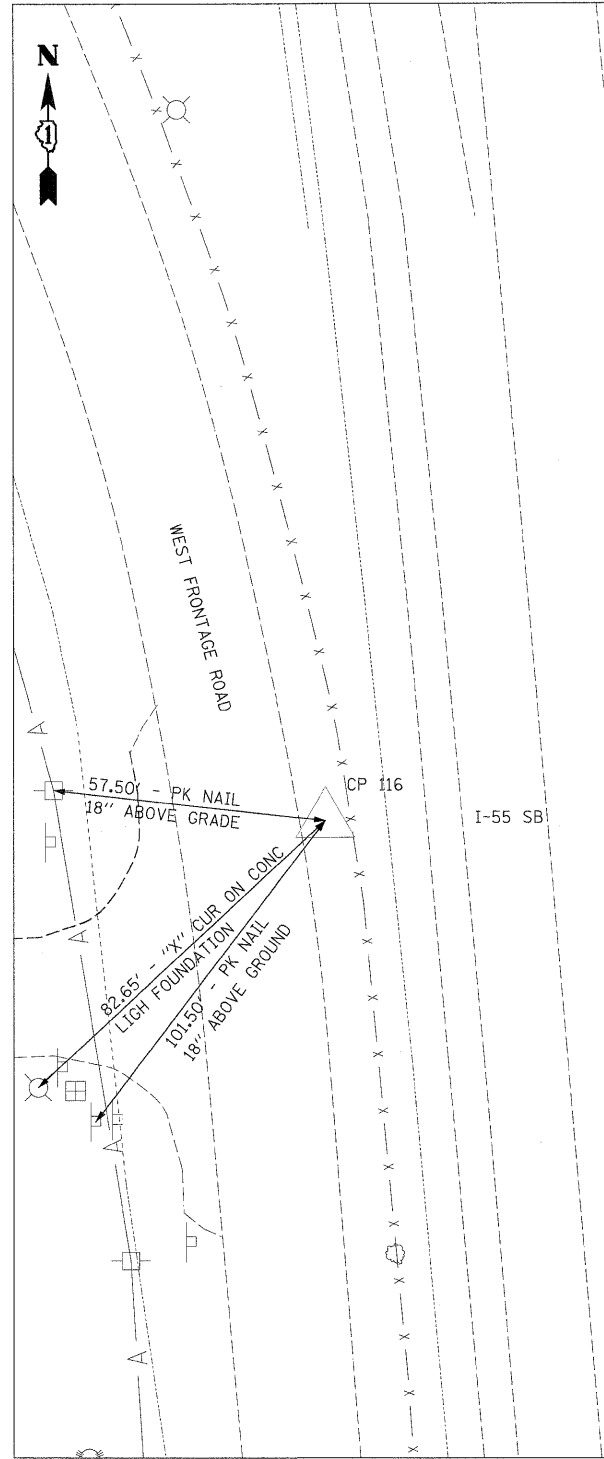
CP 212

N 1726715.05
 E 1022751.39
 STA 1077+01.86
 OFF 127.82' RT
 ELEV 543.42



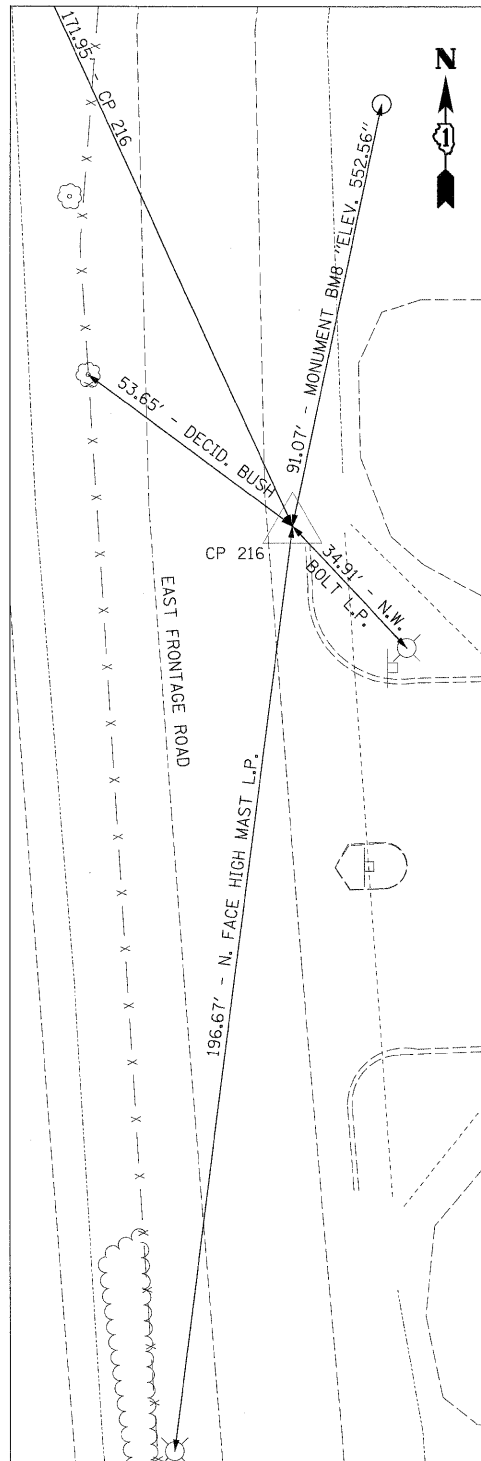
CP 215

N 1728506.27
 E 1022699.11
 STA 1094+91.74
 OFF 127.03' RT
 ELEV 554.12



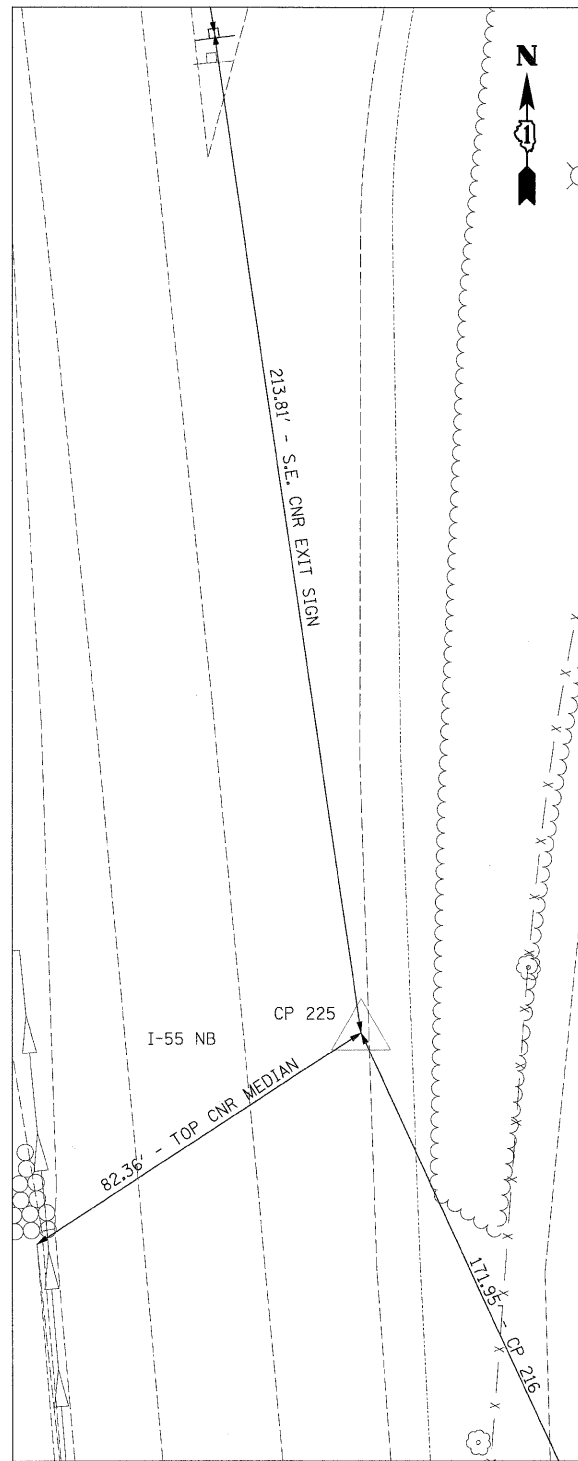
CP 116

N 1729102.61
 E 1022441.33
 STA 1101+02.50
 OFF 92.77' LT
 ELEV 551.55



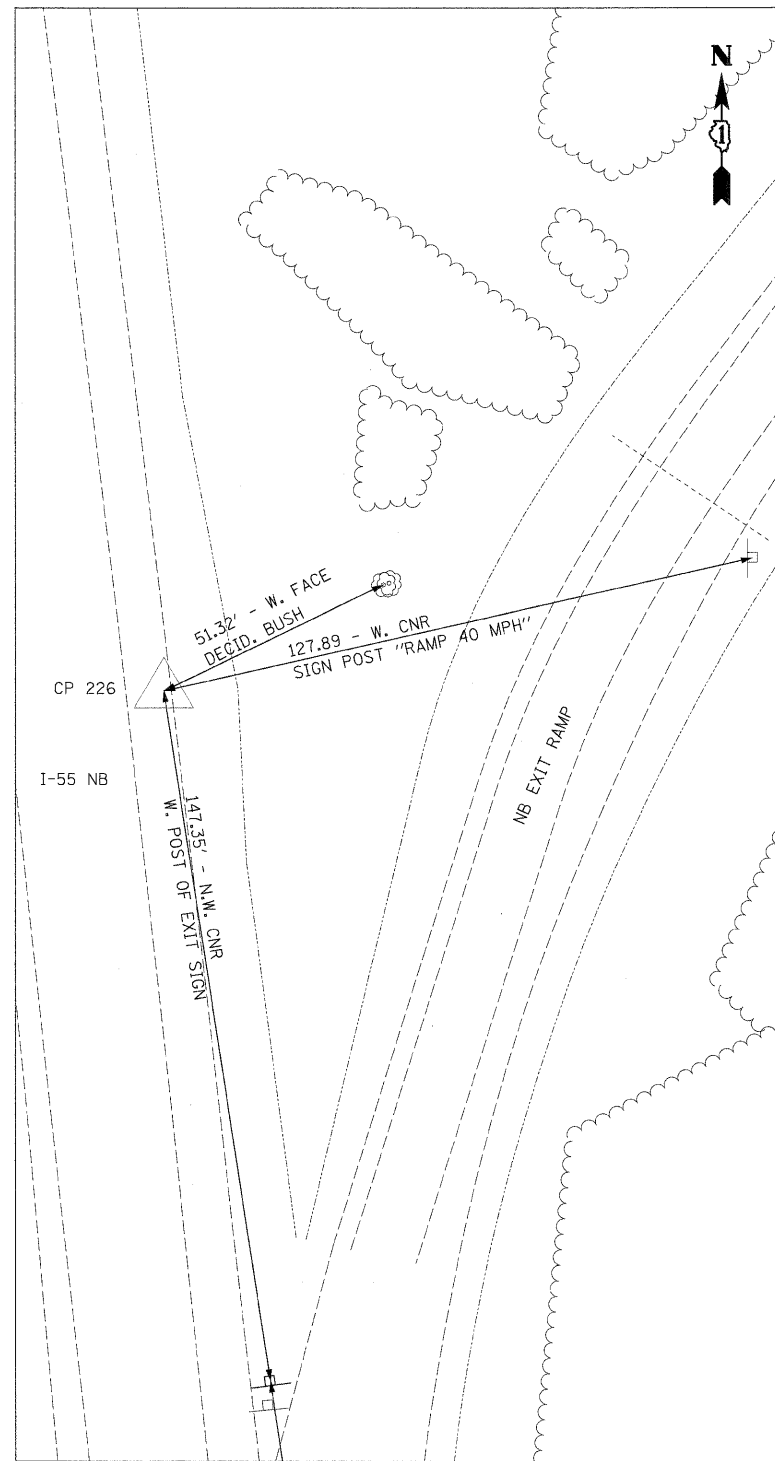
CP 216

N 1729135.49
 E 1022659.53
 STA 1101+17.33
 OFF 127.40' RT
 ELEV 550.56



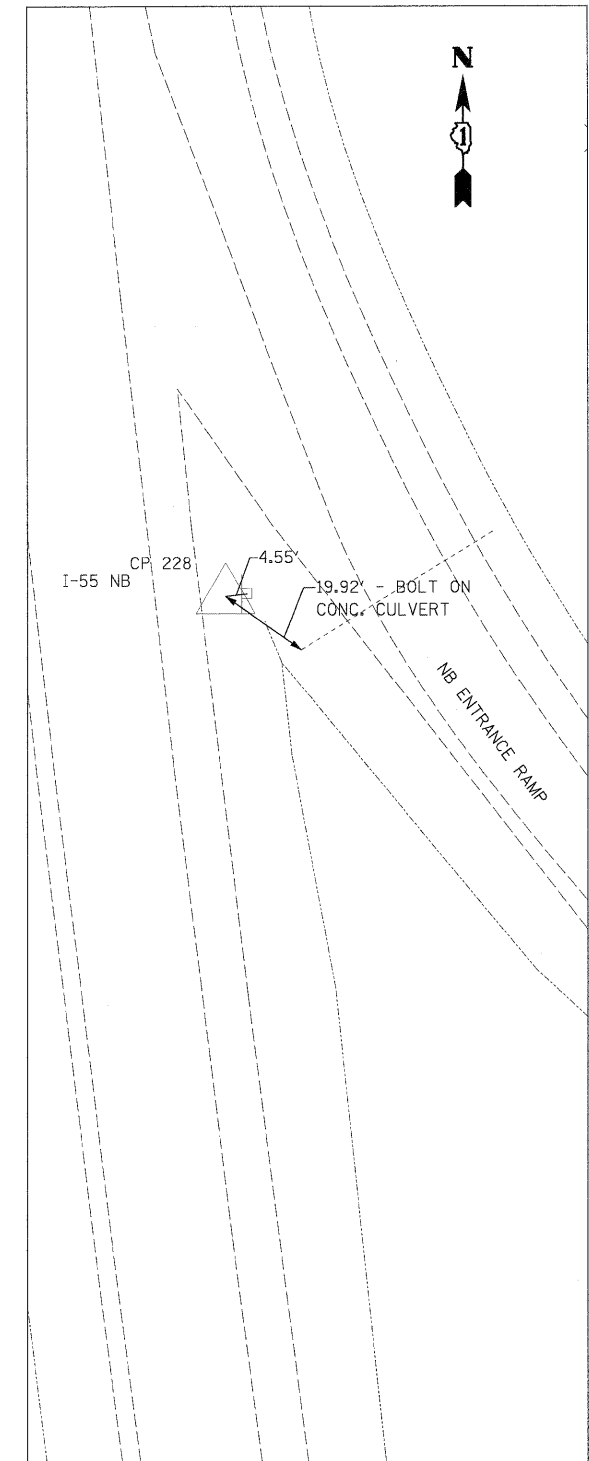
CP 225

N 1729291.64
 E 1022587.53
 STA 1102+78.21
 OFF 69.34' RT
 ELEV 549.30



CP 226

N 1729649.45
 E 1022533.85
 STA 1106+38.31
 OFF 53.00' RT
 ELEV 548.92



CP 228

N 1730192.79
 E 1022473.00
 STA 1111+85.14
 OFF 59.54' RT
 ELEV 545.76

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PLOT SCALE = 1:20	
PLOT DATE = 2/3/2011	

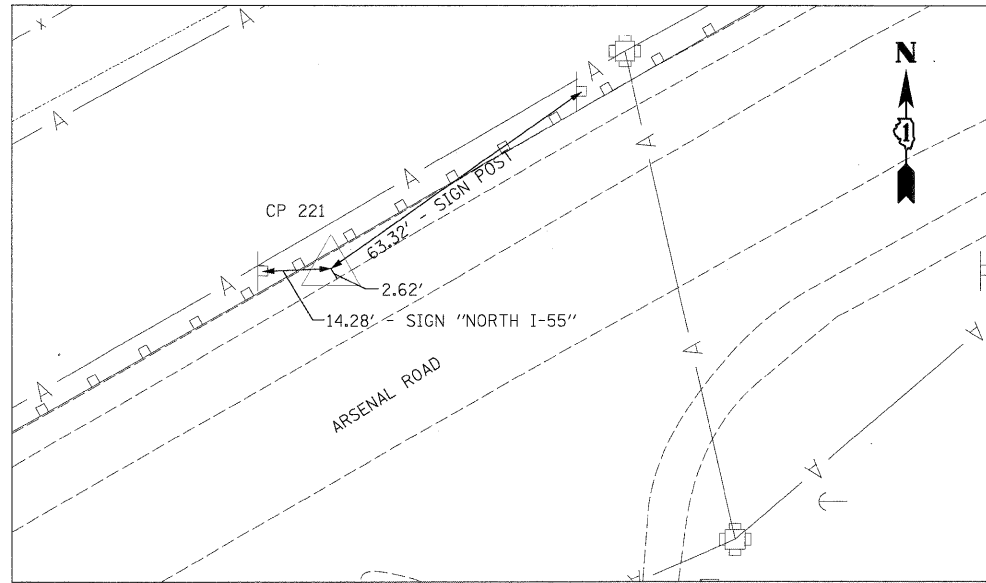
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DRAWN - TRK	REVISED -
CHECKED - DLT	REVISED -
DATE - 2/4/11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

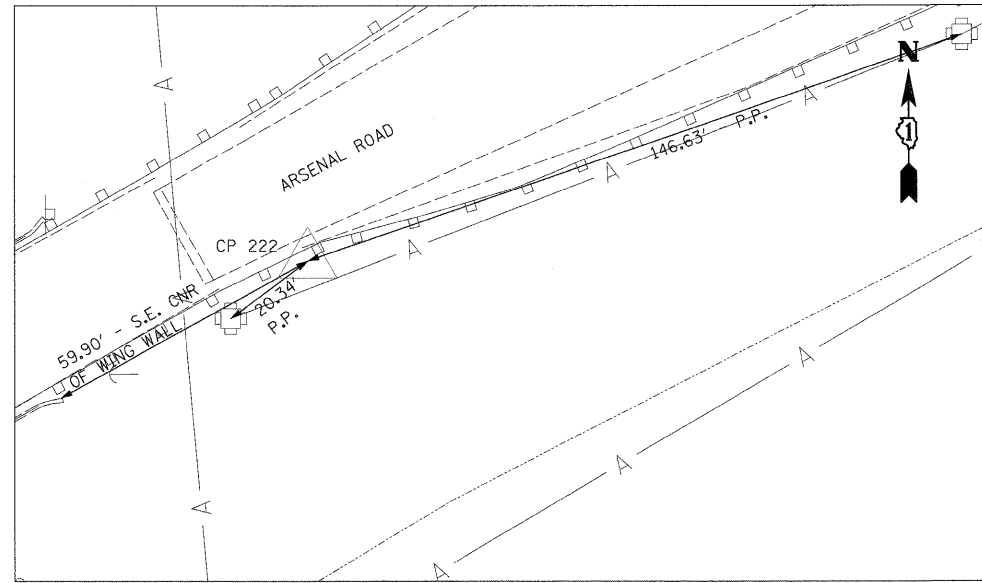
ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1"=20' SHEET NO. 8 OF 9 SHEETS STA. TO STA.

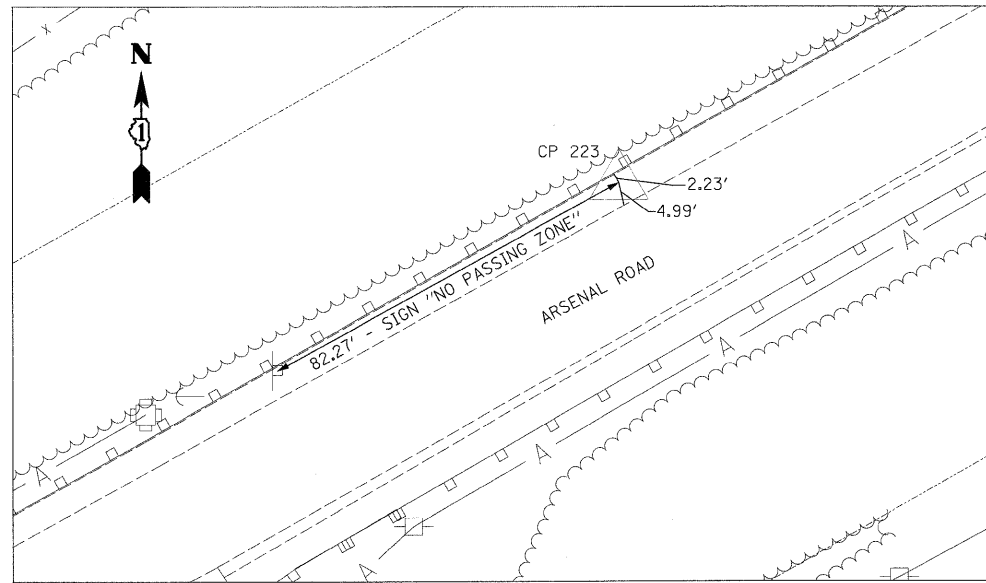
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	41
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F12	



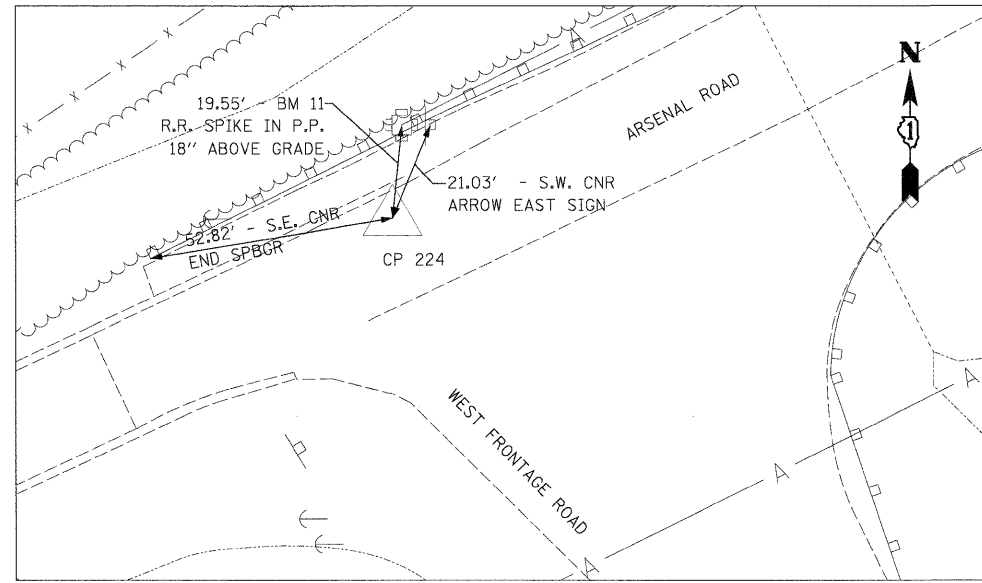
CP 221
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 E 1022939.09
 STA 1120+59.55
 OFF 596.23' RT
 ELEV 555.27



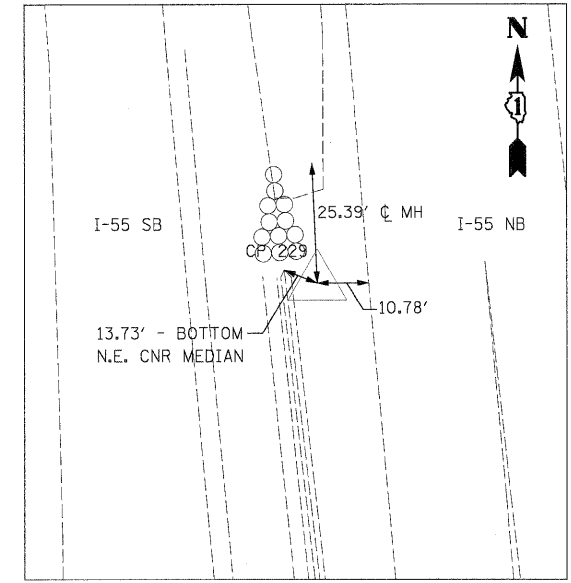
CP 222
 N 1730819.15
 E 1022538.84
 STA 1118+08.78
 OFF 181.43' RT
 ELEV 563.33



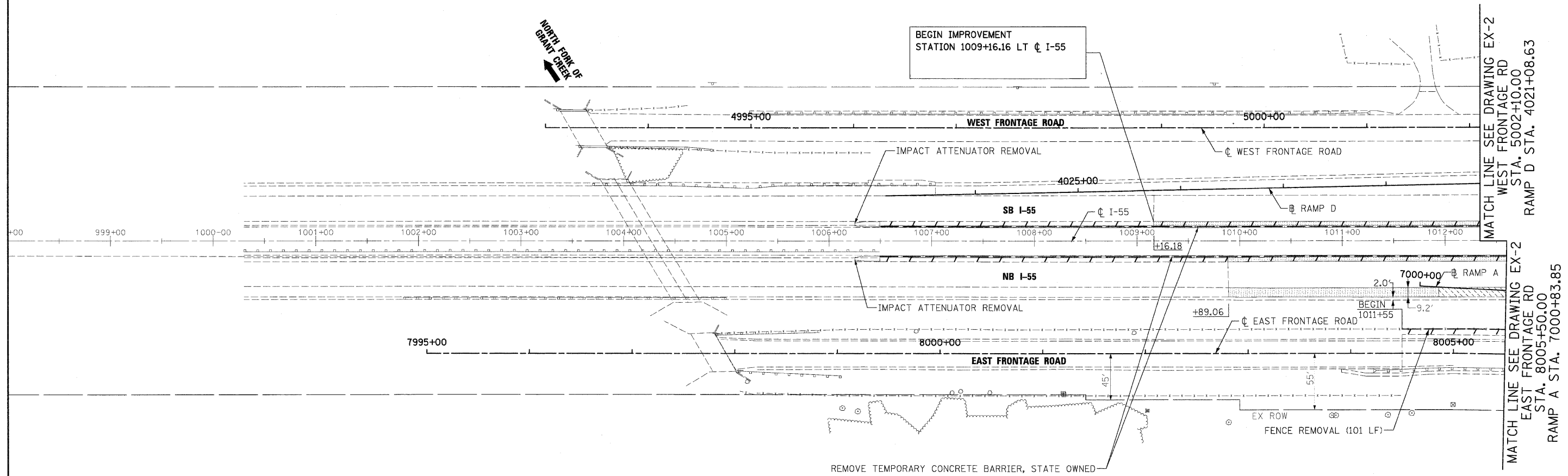
CP 223
 N 1730560.56
 E 1022013.06
 STA 1115+91.59
 OFF 362.19' LT
 ELEV 561.29



CP 224
 N 1730315.32
 E 1021579.16
 STA 1113+95.19
 OFF 816.44' LT
 ELEV 548.19



CP 229
 N 1730548.23
 E 1022385.77
 STA 1115+48.45
 OFF 8.15' RT
 ELEV 544.72

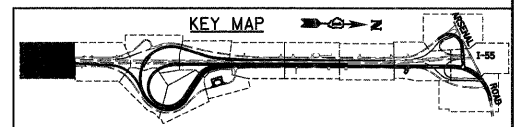


EXISTING LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- 15" TREE REMOVAL WITH UNIT DIAMETER TRUNK
- LINEAL REMOVAL ITEM
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

NOTES:

1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.



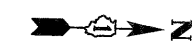
McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D162F12-SHT-REM01.dgn	USER NAME = TKLuegel	DESIGNED - JTF	REVISED -
		DRAWN - JTF	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

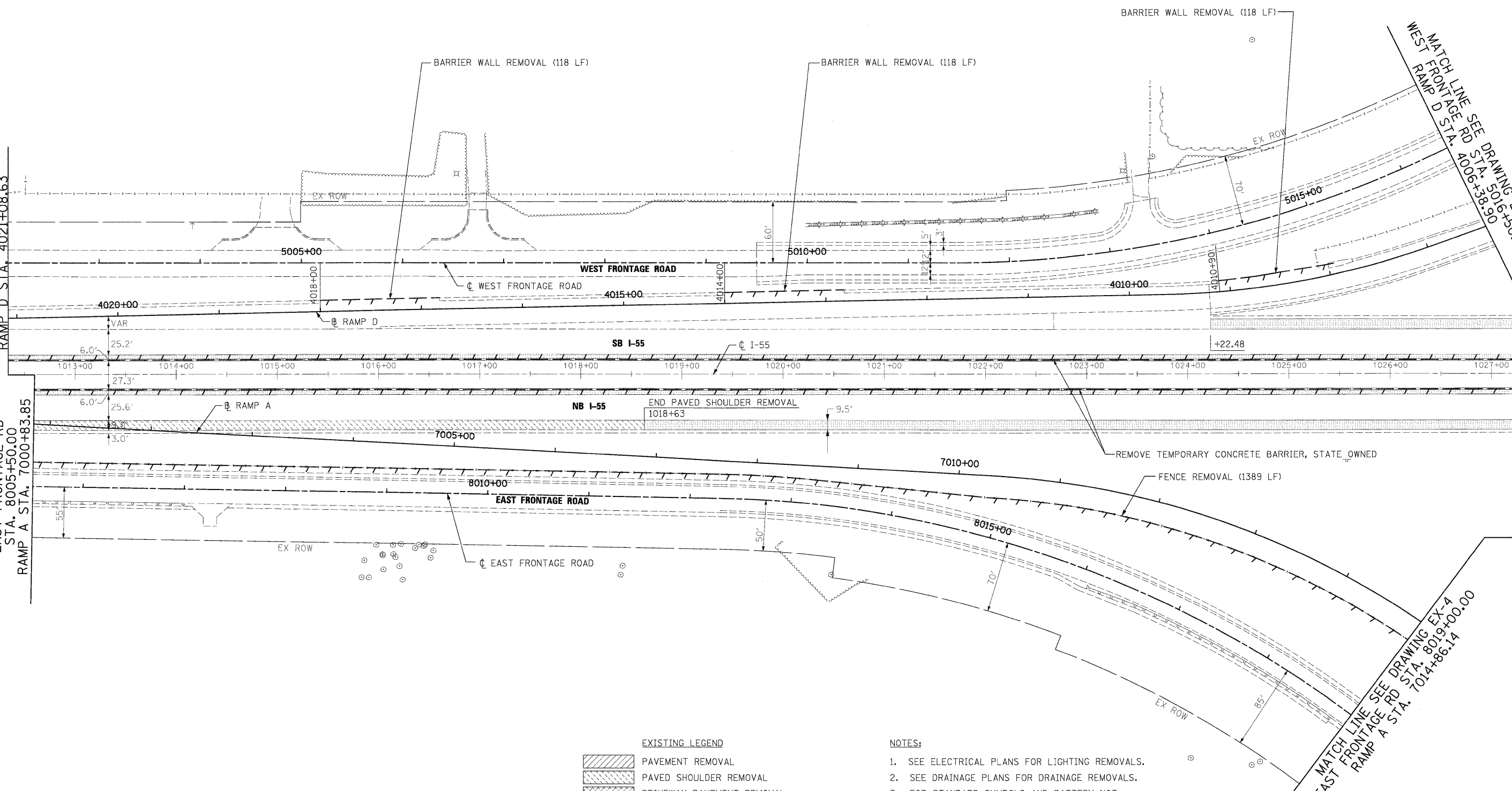
EXISTING PLAN AND REMOVALS
 SCALE: 1"=50' SHEET NO. 1 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 43
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MATCH LINE SEE DRAWING EX-1
WEST FRONTAGE RD
STA. 5002+10.00
RAMP D STA. 4021+08.63

MATCH LINE SEE DRAWING EX-1
EAST FRONTAGE RD
STA. 8005+50.00
RAMP A STA. 7000+83.85



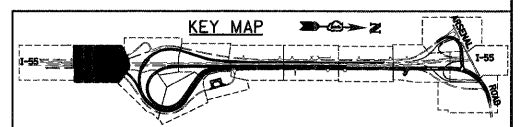
MATCH LINE SEE DRAWING EX-3
WEST FRONTAGE RD
STA. 5016+50.00
RAMP D STA. 4006+58.90

MATCH LINE SEE DRAWING EX-4
EAST FRONTAGE RD
RAMP A STA. 7014+86.14

EXISTING LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	TREE REMOVAL WITH UNIT DIAMETER TRUNK
	LINEAL REMOVAL ITEM
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- NOTES:**
- SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
 - SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
 - FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 00001-05.
 - FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.



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130 East Randolph Street, Chicago, Illinois 60601

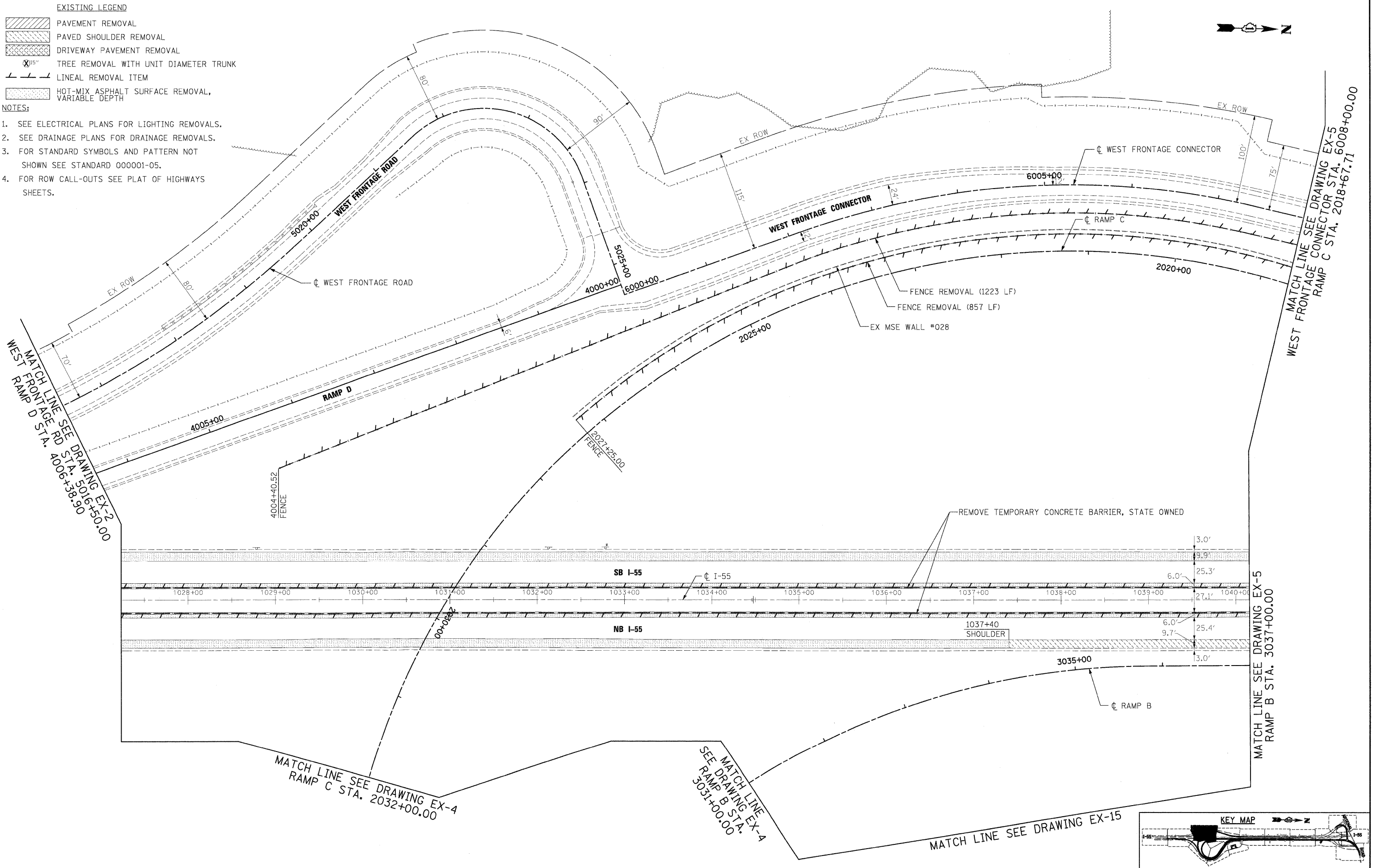
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		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 2 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	44
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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 USER NAME = TKluegel
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 PLOT DATE = 2/3/2011

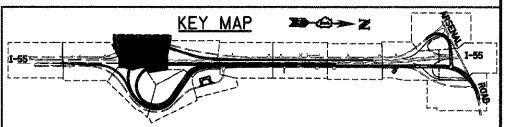
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DRAWN - JTF	REVISED -
CHECKED - DLT	REVISED -
DATE - 2/4/11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 3 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 45
CONTRACT NO. 60F12			ILLINOIS FED. AID PROJECT	



EXISTING LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	TREE REMOVAL WITH UNIT DIAMETER TRUNK
	LINEAL REMOVAL ITEM
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

NOTES:

1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.

MATCH LINE SEE DRAWING EX-3
RAMP B STA. 3031+00.00

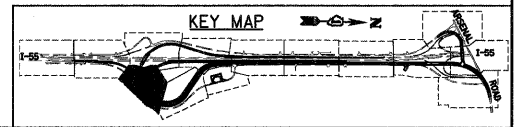
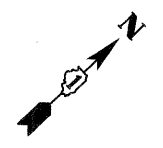
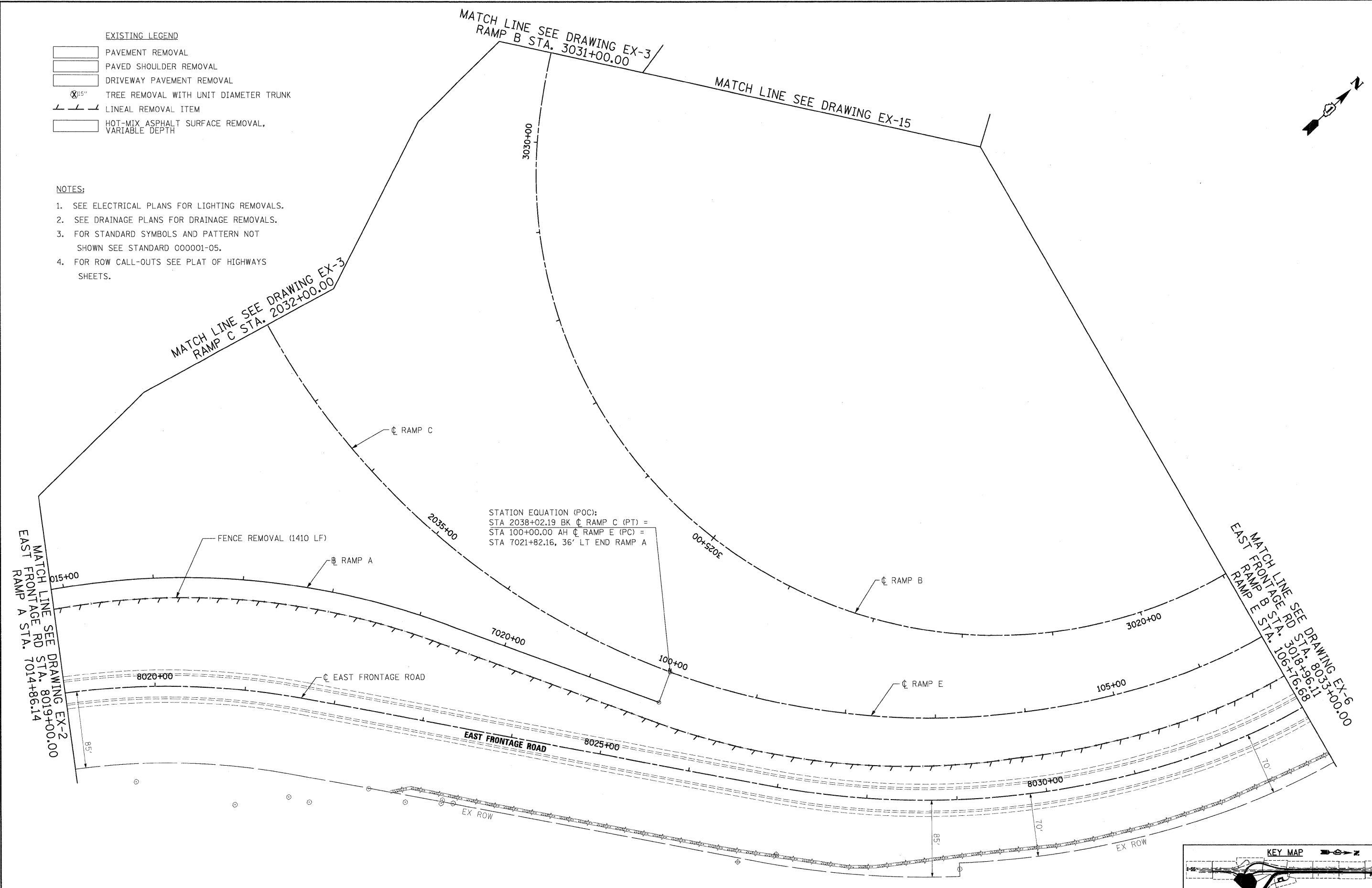
MATCH LINE SEE DRAWING EX-15

MATCH LINE SEE DRAWING EX-3
RAMP C STA. 2032+00.00

MATCH LINE SEE DRAWING EX-6
RAMP E STA. 106+16.68
EAST FRONTAGE RD STA. 8033+00.00

MATCH LINE SEE DRAWING EX-2
EAST FRONTAGE RD STA. 8019+00.00
RAMP A STA. 7014+86.14

STATION EQUATION (POC):
STA 2038+02.19 BK ϕ RAMP C (PT) =
STA 100+00.00 AH ϕ RAMP E (PC) =
STA 7021+82.16, 36' LT END RAMP A



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FILE NAME =	USER NAME = TKluegel
D160F12-SHT-REM04.dgn	

DESIGNED - JTF	REVISD -
DRAWN - JTF	REVISD -
CHECKED - DLT	REVISD -
DATE - 2/4/11	REVISD -

PLT SCALE = 1:50
PLT DATE = 2/3/2011

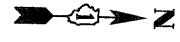
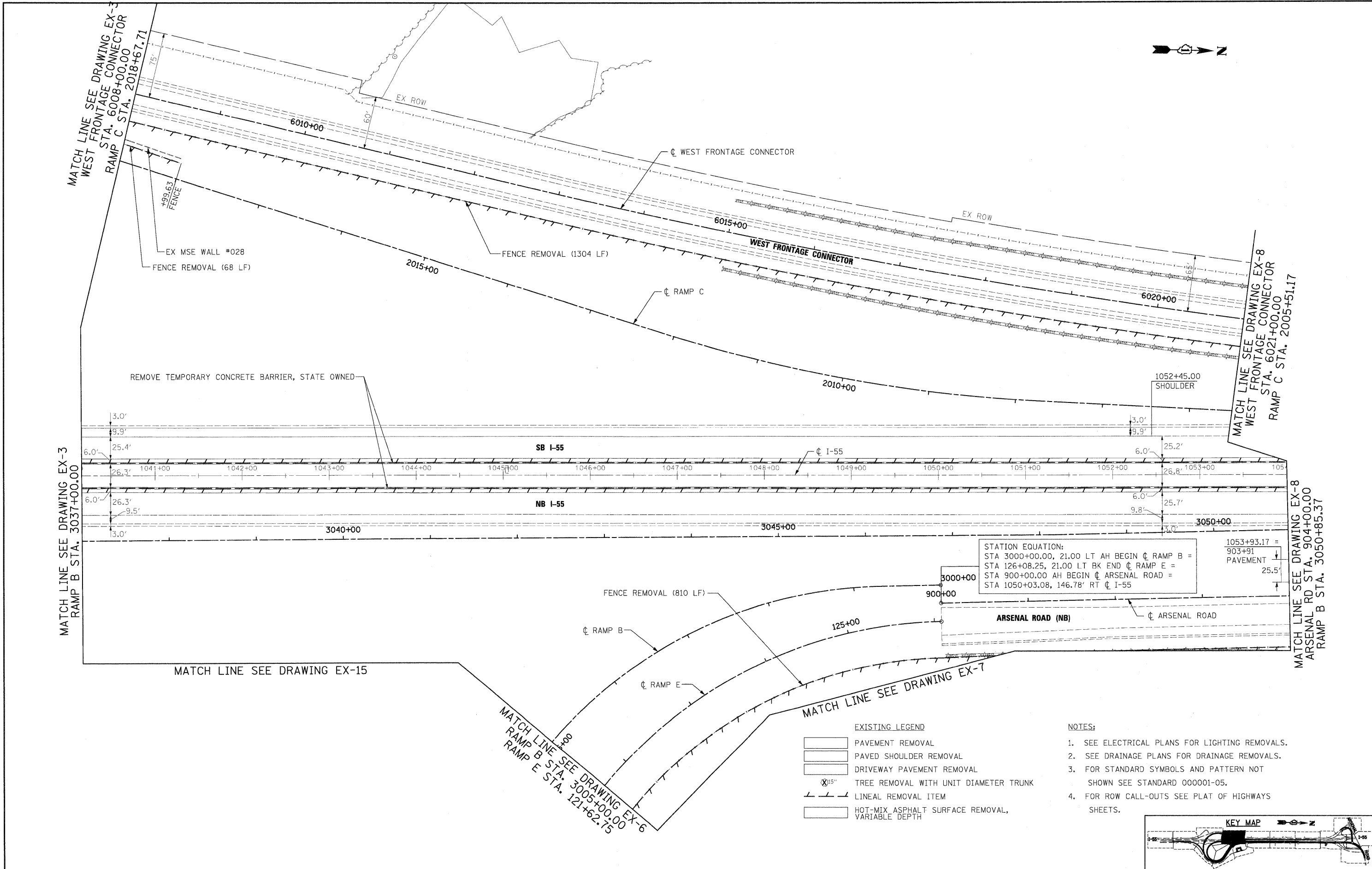
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DRAWN - JTF	REVISD -
CHECKED - DLT	REVISD -
DATE - 2/4/11	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 4 OF 15 SHEETS STA. TO STA.

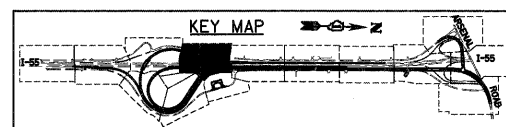
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	46
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



STATION EQUATION:
 STA 3000+00.00, 21.00 LT AH BEGIN ϕ RAMP B = 903+91 PAVEMENT
 STA 126+08.25, 21.00 LT BK END ϕ RAMP E = 25.5'
 STA 900+00.00 AH BEGIN ϕ ARSENAL ROAD =
 STA 1050+03.08, 146.78' RT ϕ I-55

- EXISTING LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - TREE REMOVAL WITH UNIT DIAMETER TRUNK
 - LINEAL REMOVAL ITEM
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
 2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
 3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
 4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.



FILE NAME = D160F12-SHT-REV05.dgn	USER NAME = TKLuegal	DESIGNED - JTF	REVISED -
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		DATE - 2/4/11	REVISED -







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 DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 5 OF 15 SHEETS STA. TO STA.

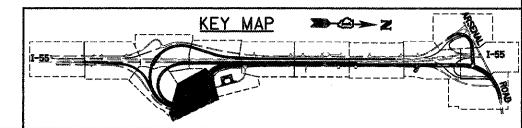
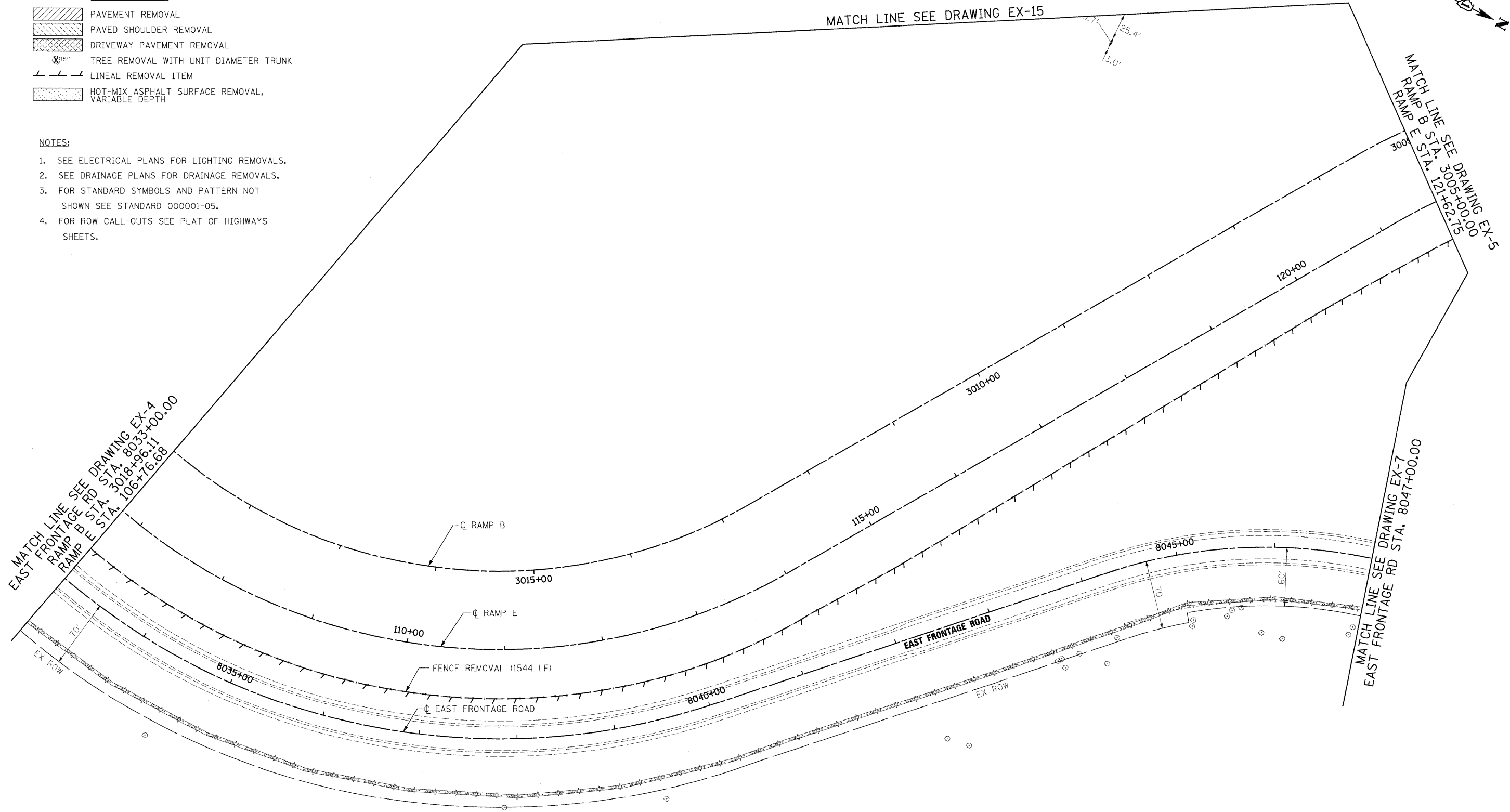
F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 47
CONTRACT NO. 60F12			ILLINOIS FED. AID PROJECT	

EXISTING LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	TREE REMOVAL WITH UNIT DIAMETER TRUNK
	LINEAL REMOVAL ITEM
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

NOTES:

1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.



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FILE NAME =	USER NAME = TKLuegal
D160F12-SHT-REM06.dgn	

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DRAWN - JTF	REVISED -
CHECKED - DLT	REVISED -
DATE - 2/4/11	REVISED -





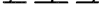
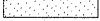
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DATE - 2/4/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

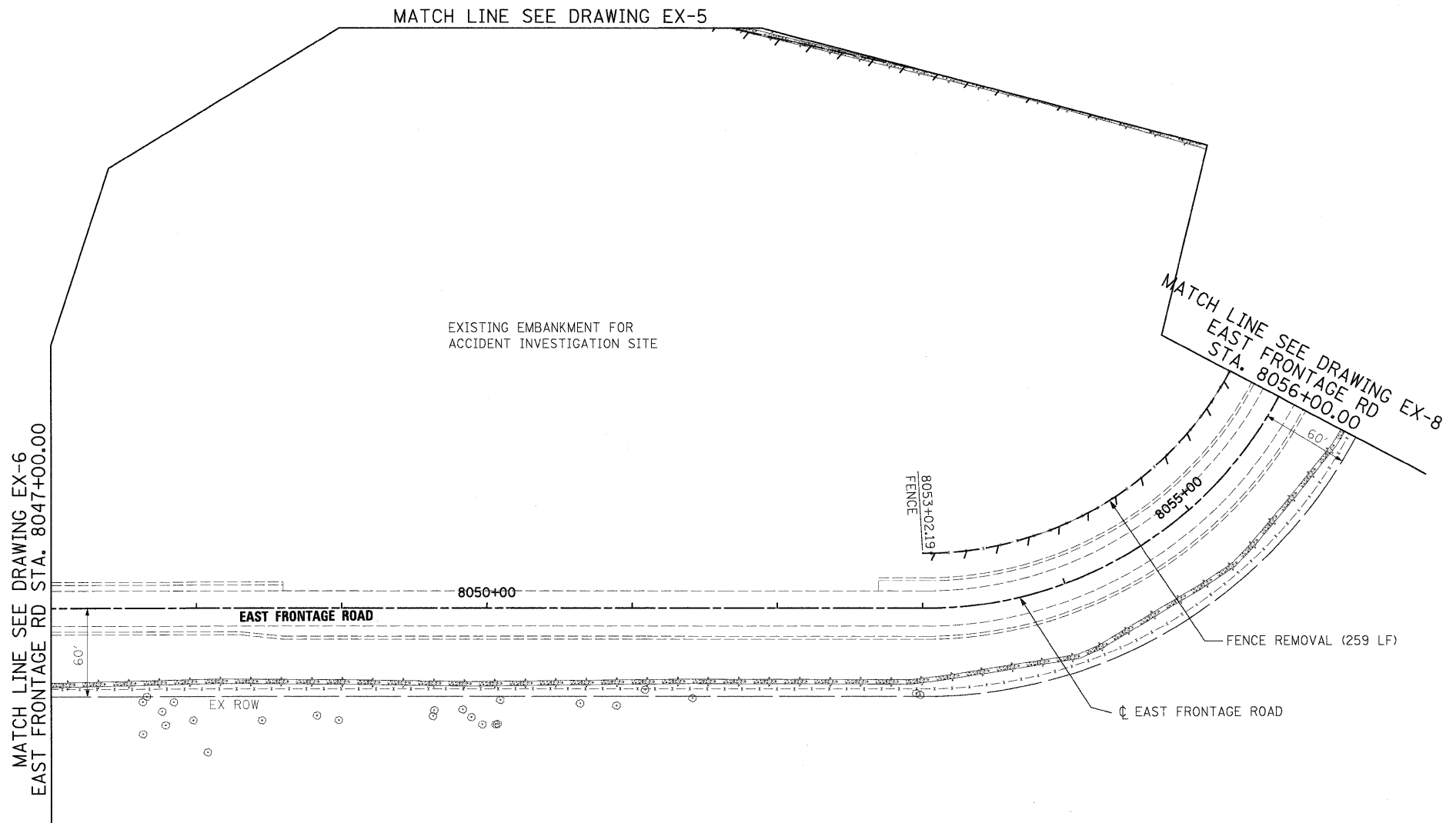
EXISTING PLAN AND REMOVALS
 SCALE: 1"=50' SHEET NO. 6 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	48
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

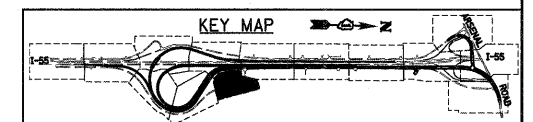
EXISTING LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	TREE REMOVAL WITH UNIT DIAMETER TRUNK
	LINEAL REMOVAL ITEM
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
 2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
 3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
 4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.



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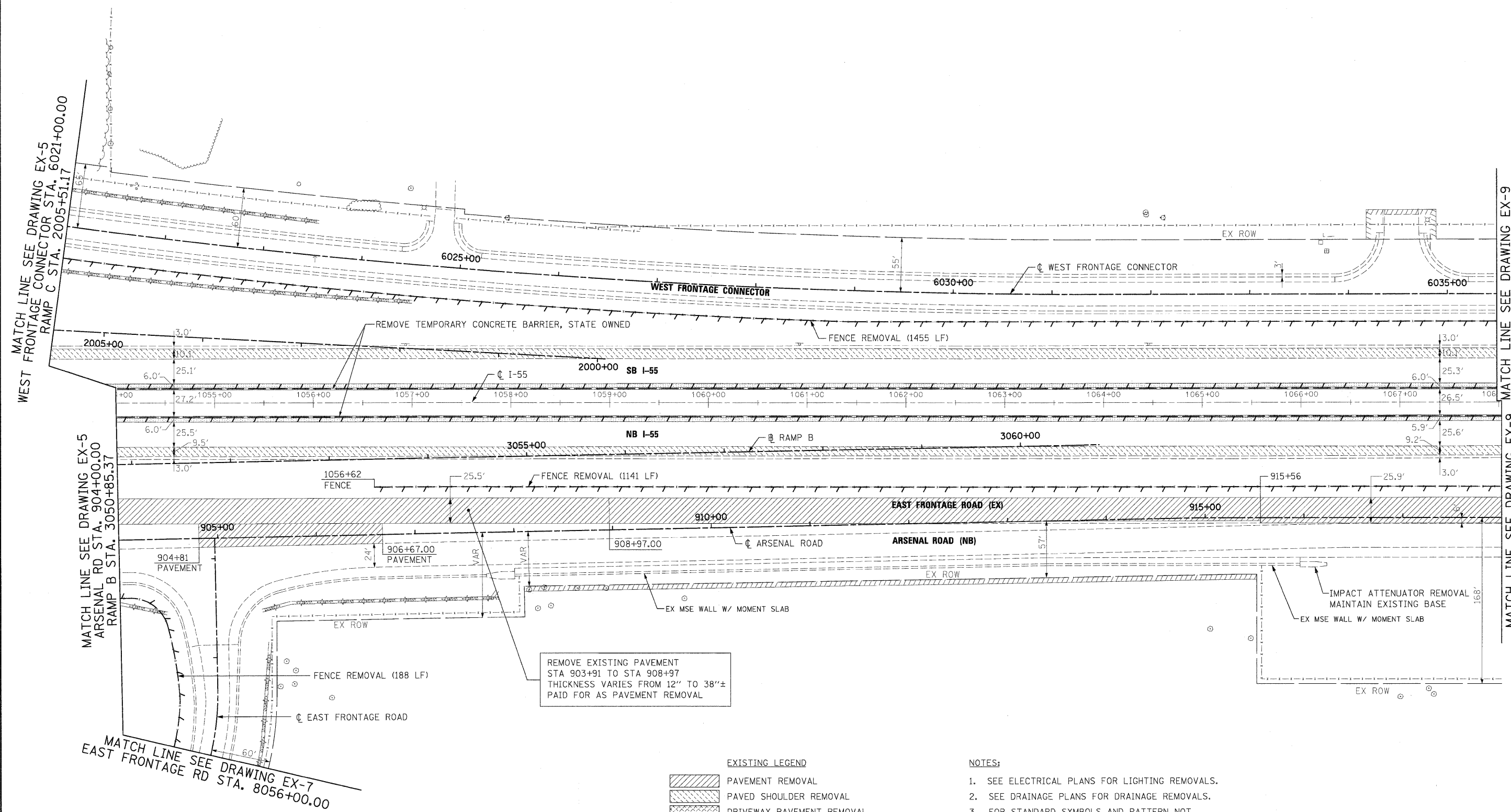
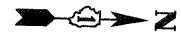


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		CHECKED - DLT	REVISED -
		DATE - 2/3/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN AND REMOVALS
 SCALE: 1"=50' SHEET NO. 7 OF 15 SHEETS STA. TO STA.

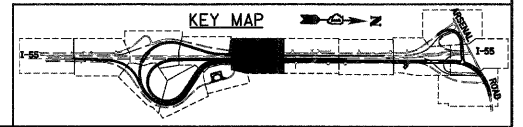
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	49
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



REMOVE EXISTING PAVEMENT
 STA 903+91 TO STA 908+97
 THICKNESS VARIES FROM 12" TO 38"±
 PAID FOR AS PAVEMENT REMOVAL

- EXISTING LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - 15" TREE REMOVAL WITH UNIT DIAMETER TRUNK
 - LINEAL REMOVAL ITEM
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
 2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
 3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
 4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.



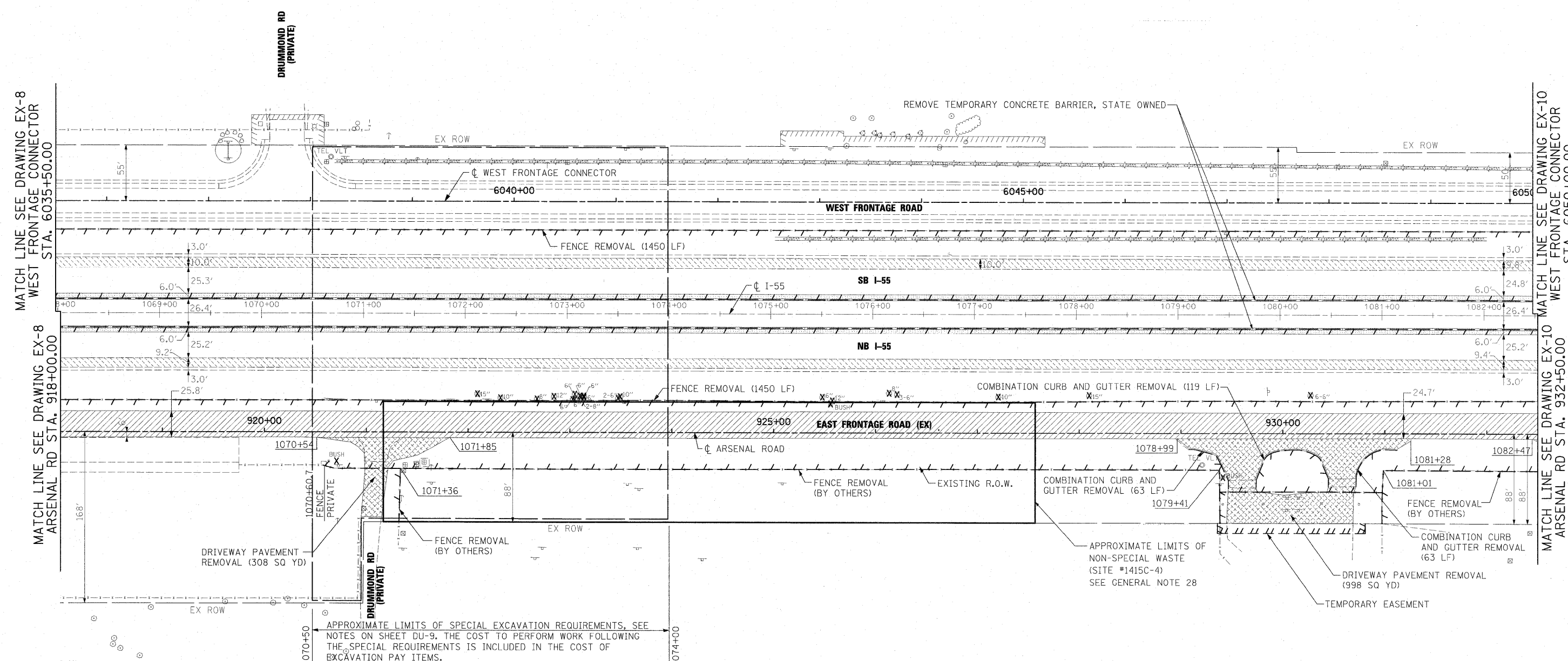
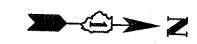
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 130 East Randolph Street, Chicago, Illinois 60601

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

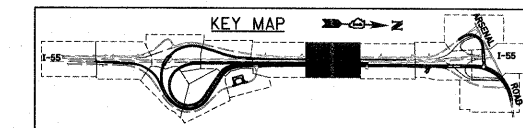
EXISTING PLAN AND REMOVALS
 SCALE: 1"=50' SHEET NO. 8 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	50
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- EXISTING LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - TREE REMOVAL WITH UNIT DIAMETER TRUNK
 - LINEAL REMOVAL ITEM
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
 2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
 3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
 4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.



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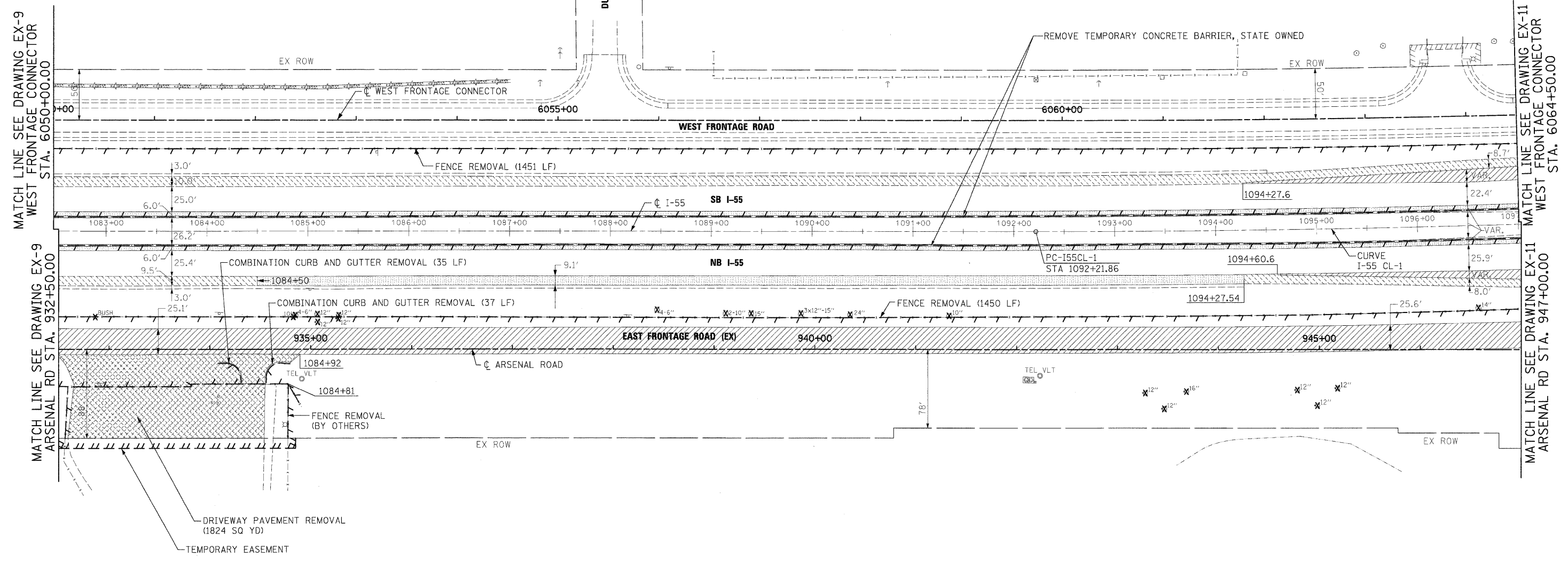
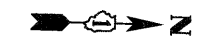
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DRAWN - JTF	REVISED -
CHECKED - DLT	REVISED -
DATE - 2/4/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 9 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	51
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MATCH LINE SEE DRAWING EX-9
WEST FRONTAGE CONNECTOR
STA. 6050+00.00

MATCH LINE SEE DRAWING EX-9
ARSENAL RD STA. 932+50.00

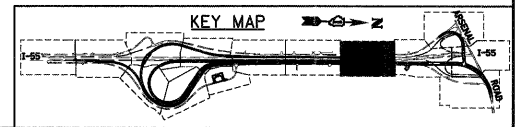
MATCH LINE SEE DRAWING EX-11
WEST FRONTAGE CONNECTOR
STA. 6064+50.00

MATCH LINE SEE DRAWING EX-11
ARSENAL RD STA. 947+00.00

EXISTING LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	TREE REMOVAL WITH UNIT DIAMETER TRUNK
	LINEAL REMOVAL ITEM
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
 2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
 3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
 4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.



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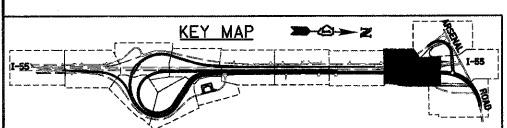
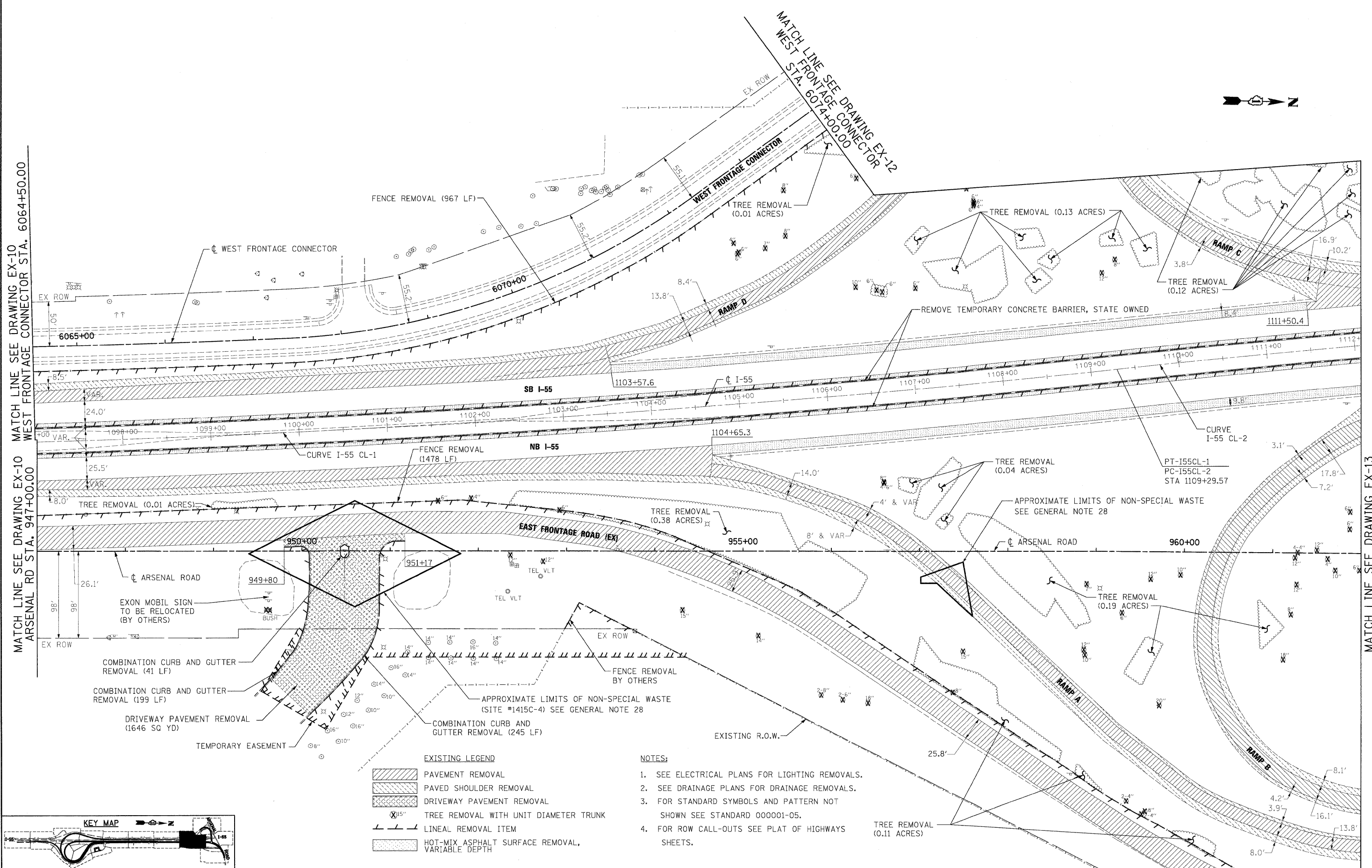
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 10 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL.	756	52
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MATCH LINE SEE DRAWING EX-10 WEST FRONTAGE CONNECTOR STA. 6064+50.00
 MATCH LINE SEE DRAWING EX-10 ARSENAL RD STA. 947+00.00



- EXISTING LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - TREE REMOVAL WITH UNIT DIAMETER TRUNK
 - LINEAL REMOVAL ITEM
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
 2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
 3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
 4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.

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PLOT DATE = 2/3/2011	DATE - 2/4/11		REVISED -







**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS
 SCALE: 1"=50' SHEET NO. 11 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-28-1	WILL	756	53
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

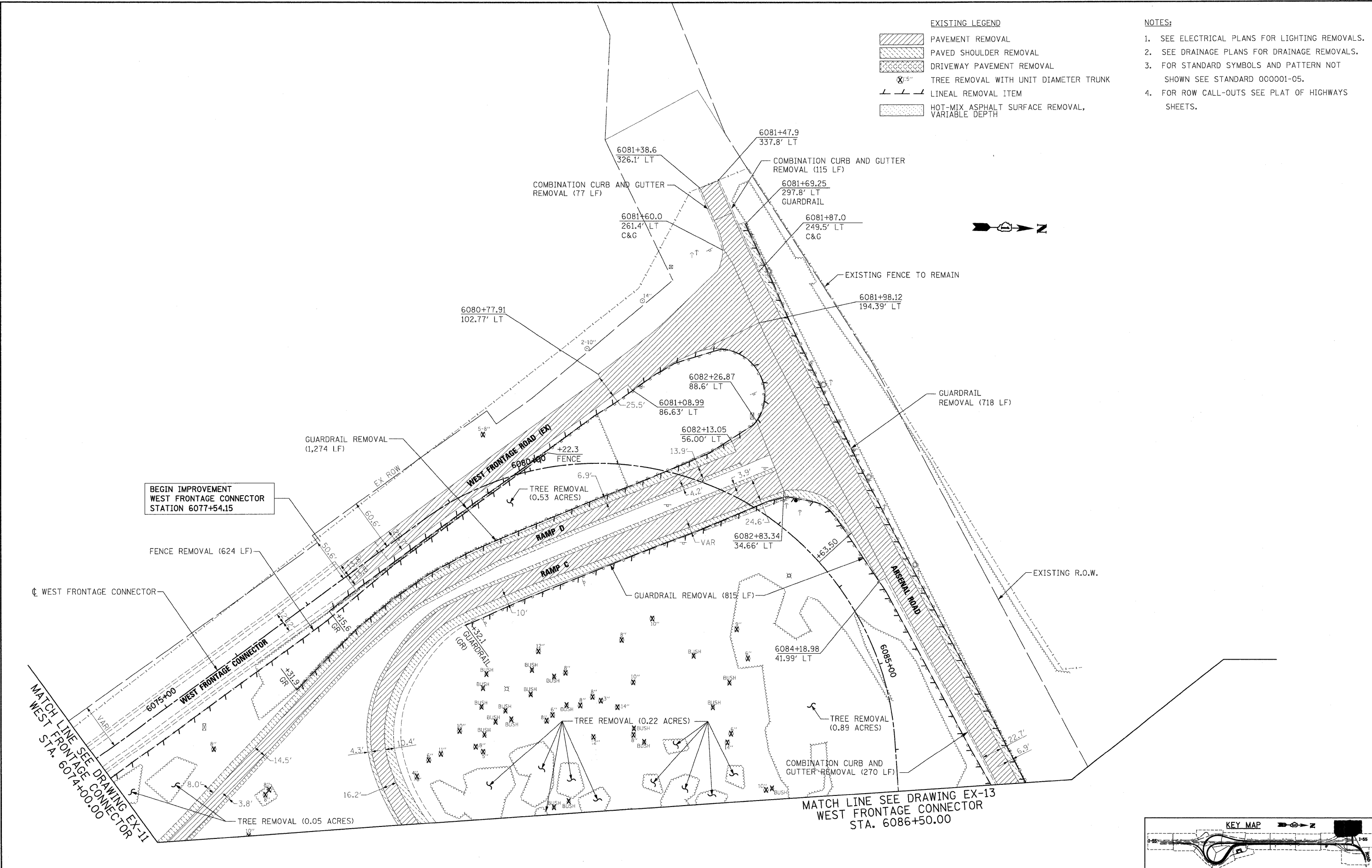
MATCH LINE SEE DRAWING EX-13 ARSENAL RD STA. 962+00.00

EXISTING LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  TREE REMOVAL WITH UNIT DIAMETER TRUNK
-  LINEAL REMOVAL ITEM
-  HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

NOTES:

1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.



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FILE NAME = D16\F12-SHT-REM12.dgn
USER NAME = TKLuegel
DESIGNED - JTF
DRAWN - JTF
CHECKED - DLT
DATE - 2/4/11

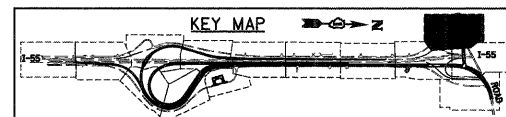
REVISD -
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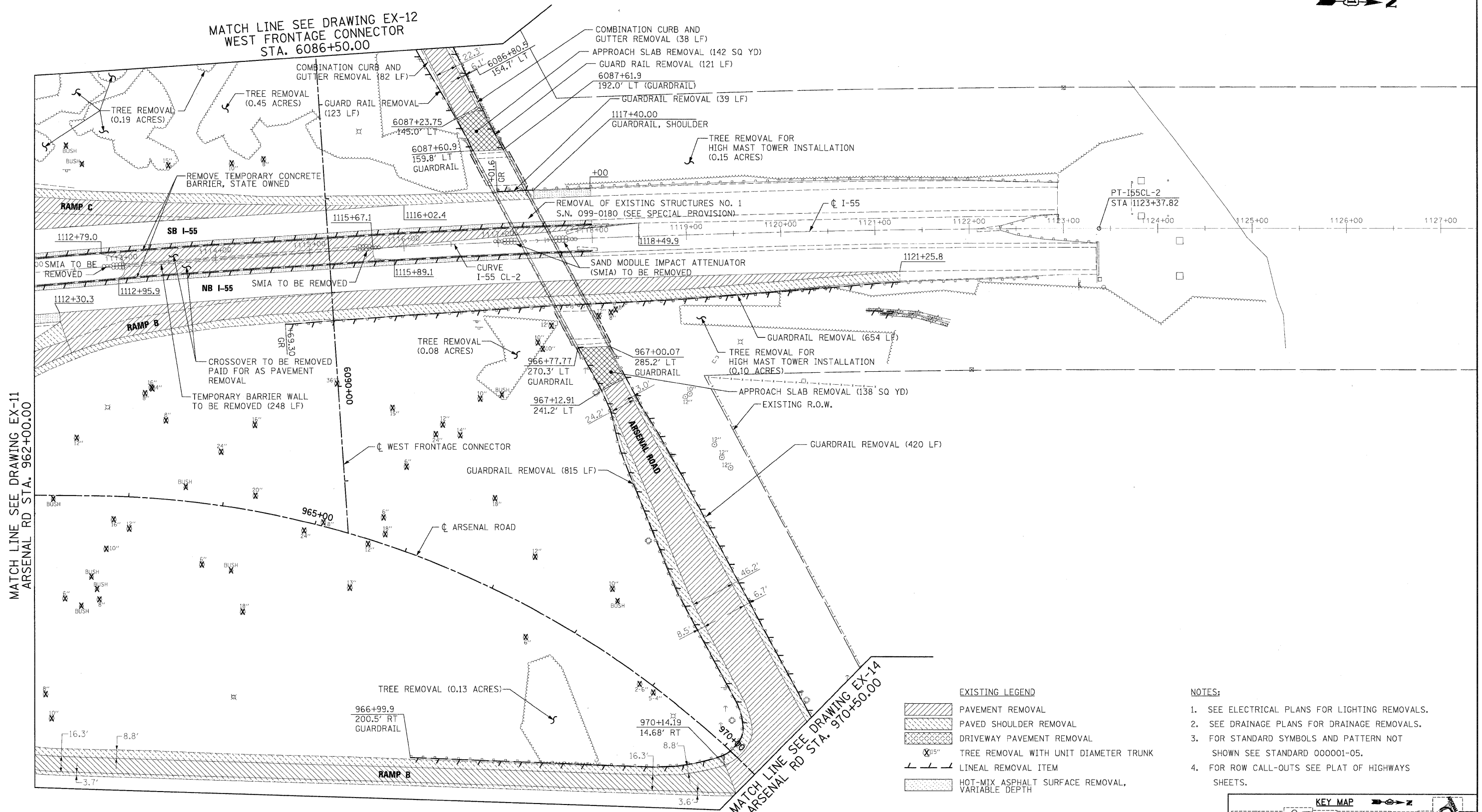
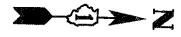
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 12 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	54
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



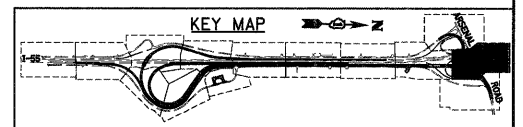


MATCH LINE SEE DRAWING EX-11
 ARSENAL RD STA. 962+00.00

MATCH LINE SEE DRAWING EX-14
 ARSENAL RD STA. 970+50.00

- EXISTING LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - TREE REMOVAL WITH UNIT DIAMETER TRUNK
 - LINEAL REMOVAL ITEM
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
 2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
 3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
 4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.



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 130 East Randolph Street, Chicago, Illinois 60601

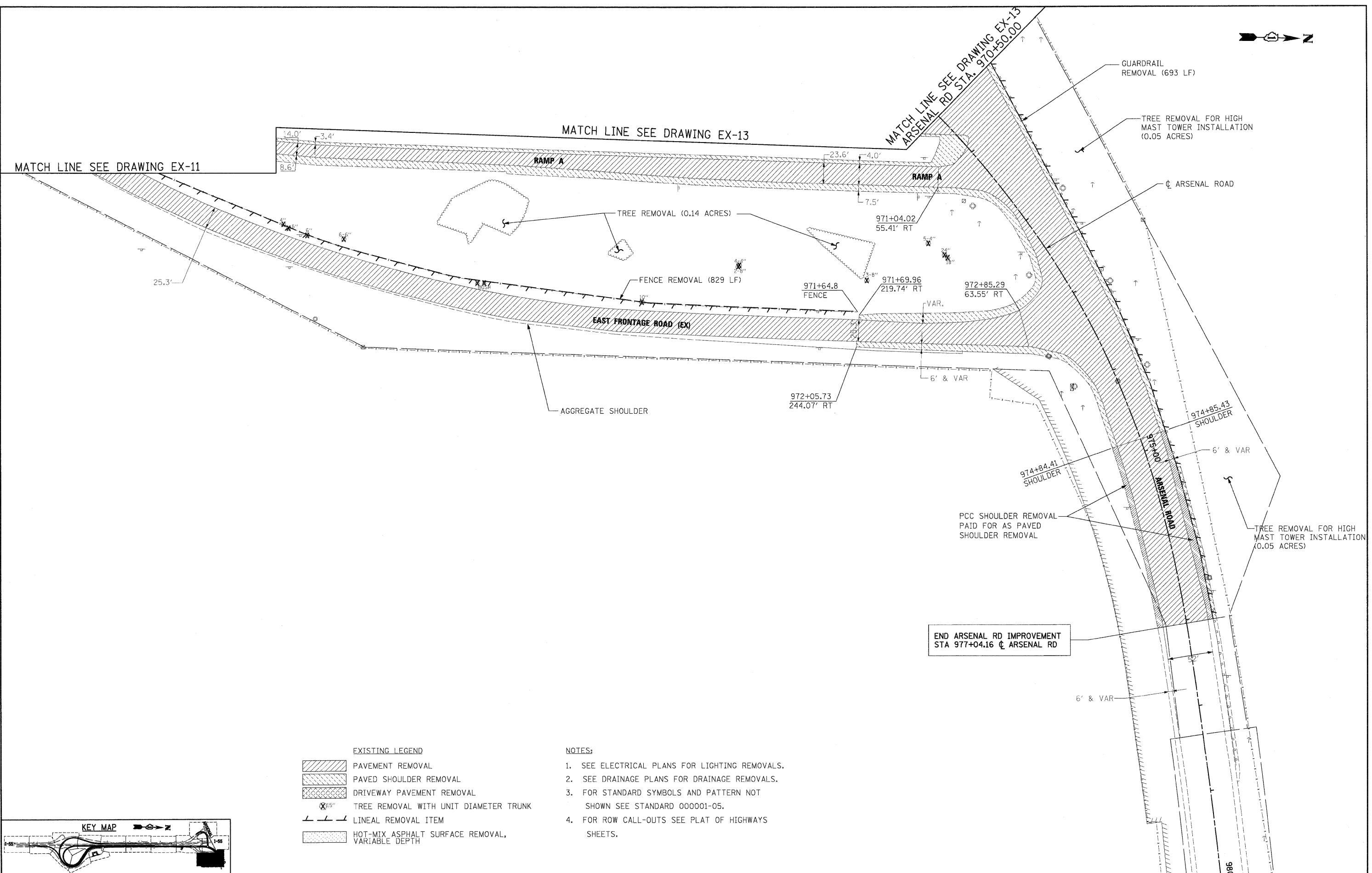
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PLOT SCALE = 1/8"=1'	CHECKED - DLT	DRAWN - JTF	REVISED -
PLOT DATE = 2/3/2011	DATE - 2/4/11	REVISOR -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 13 OF 15 SHEETS STA. TO STA.

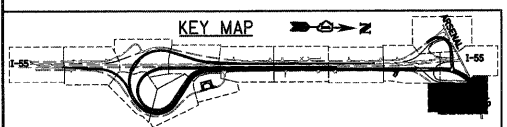
F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 55
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	TREE REMOVAL WITH UNIT DIAMETER TRUNK
	LINEAL REMOVAL ITEM
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
 2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
 3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
 4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.



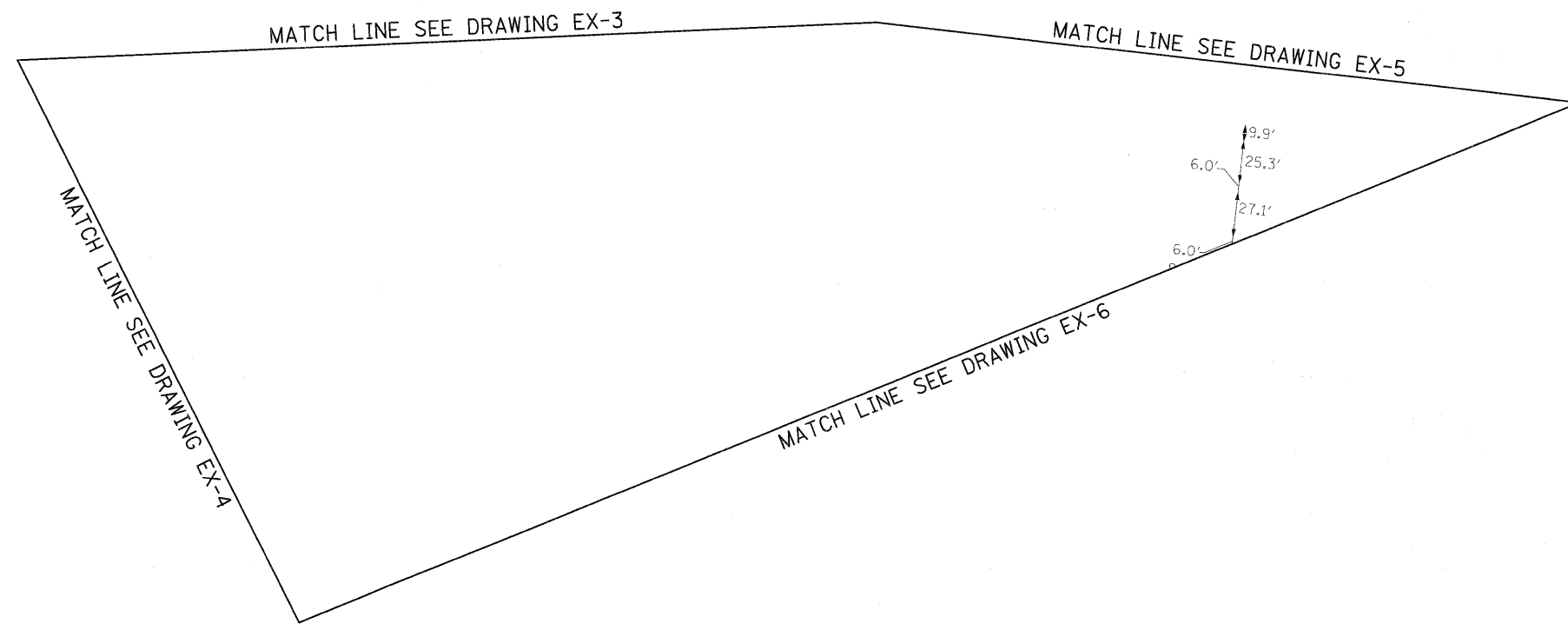
McDonough Associates Inc.
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 130 East Randolph Street, Chicago, Illinois 60601

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		DRAWN - JTF	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -






STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN AND REMOVALS
 SCALE: 1"=50' SHEET NO. 14 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 56
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

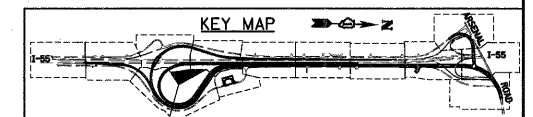


EXISTING LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-
-  LINEAL REMOVAL ITEM
-  HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

NOTES:

1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
3. FOR STANDARD SYMBOLS AND PATTERN NOT SHOWN SEE STANDARD 000001-05.
4. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAYS SHEETS.



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FILE NAME = D160F12-SHT-REM15.dgn	USER NAME = TKluegal	DESIGNED - JTF	REVISED -
		DRAWN - JTF	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

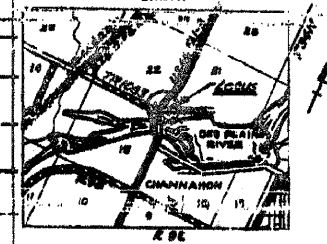
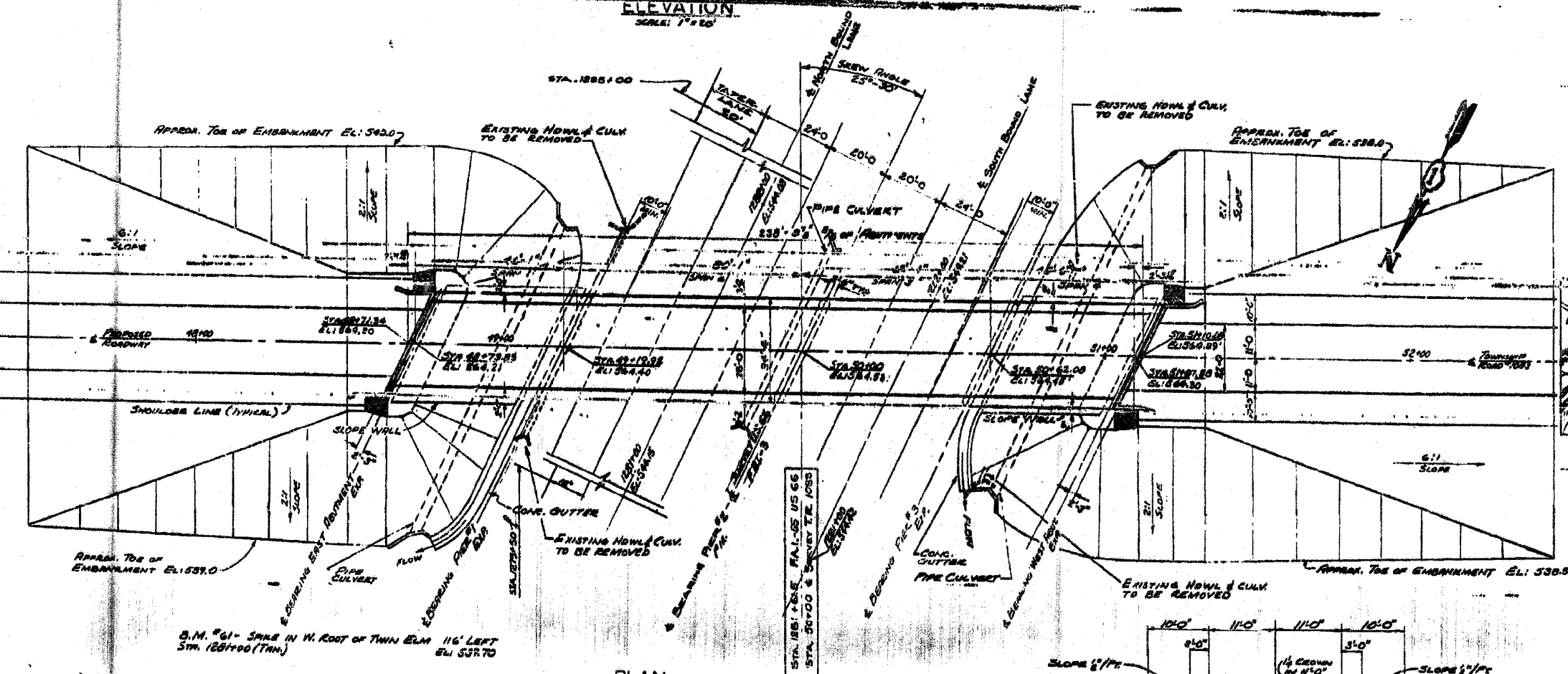
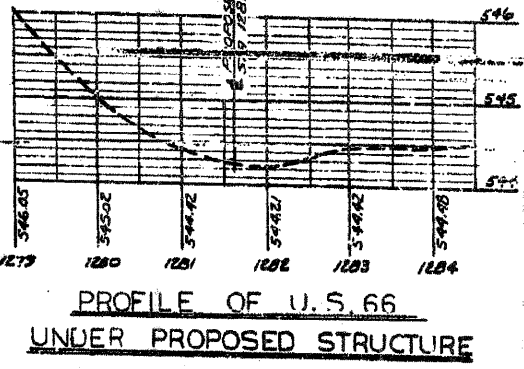
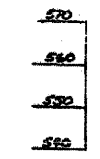
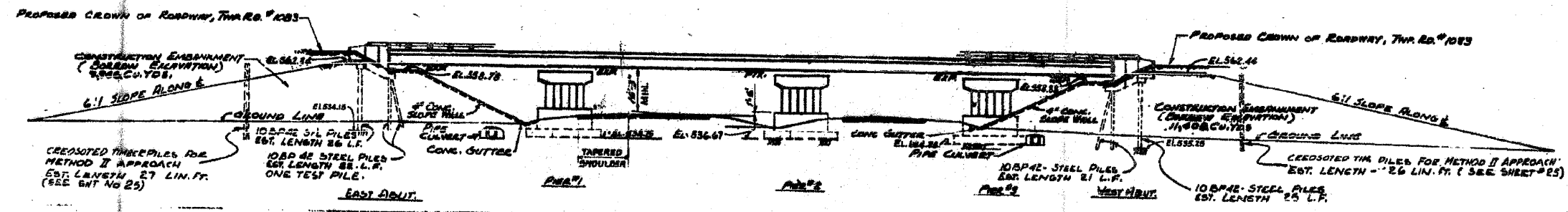
SCALE: 1"=50' SHEET NO. 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	57
CONTRACT NO. 60F12				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

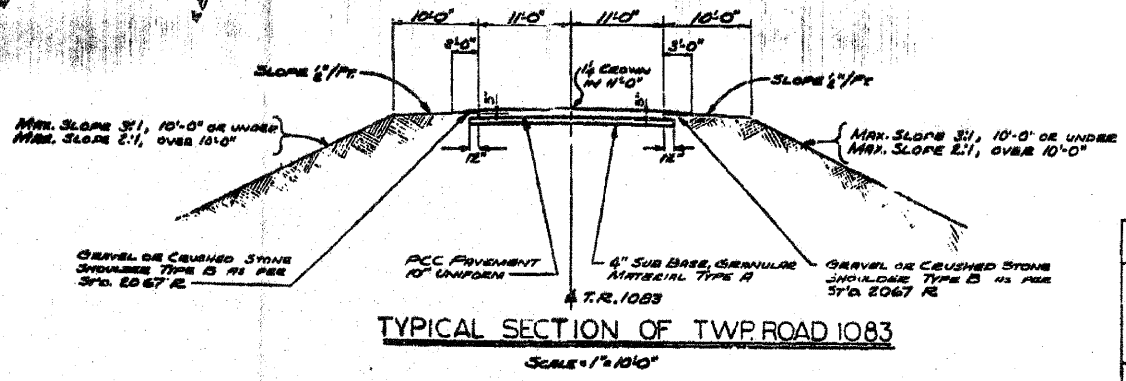
FILE NO.	55	99-2HB2	WILL	76	24
TOTAL SHEETS	76				
SHEET NO.	24				
FED. ROAD DIST. NO.	7				
ILLINOIS	PROJ. 05-6(22)				

VERTICAL CURVE DATA
 V.C.I. STA. 801.00
 EL. 381.2
 L.V.C. 1800'
 +3.692%
 -3.692%



LOCATION PLAN
SCALE 1" = 1 MILE

NOTES:
 DESIGN LOADING H20S16-44
 ROADWAY CLASSIFICATION C
 HIGHWAY CLASSIFICATION
 MD0(1977)



Henry Shaper

CONSOER, TOWNSEND & ASSOCIATES
 CONSULTING ENGINEERS CHICAGO, ILLINOIS
 ILLINOIS DIVISION OF HIGHWAYS
 TWP. ROAD 1083 OVER F.A. 1-55
 U.S. 66 SECTION 99-2HB2
 WILL COUNTY

GENERAL PLAN / ELEVATION					
DATE	BY	CHECKED	APPROVED	SITE	LIMIT
6/10/83	D.L.G.	F.E.D.	H.S.M.	11-10-83	6/10/83

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\62\F12-SHT-REM-099-0180.dgn
 USER NAME = TKLuegel
 PLOT SCALE = 1:50
 PLOT DATE = 2/3/2011

DESIGNED - JTF
 DRAWN - JTF
 CHECKED - DLT
 DATE - 2/4/11

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

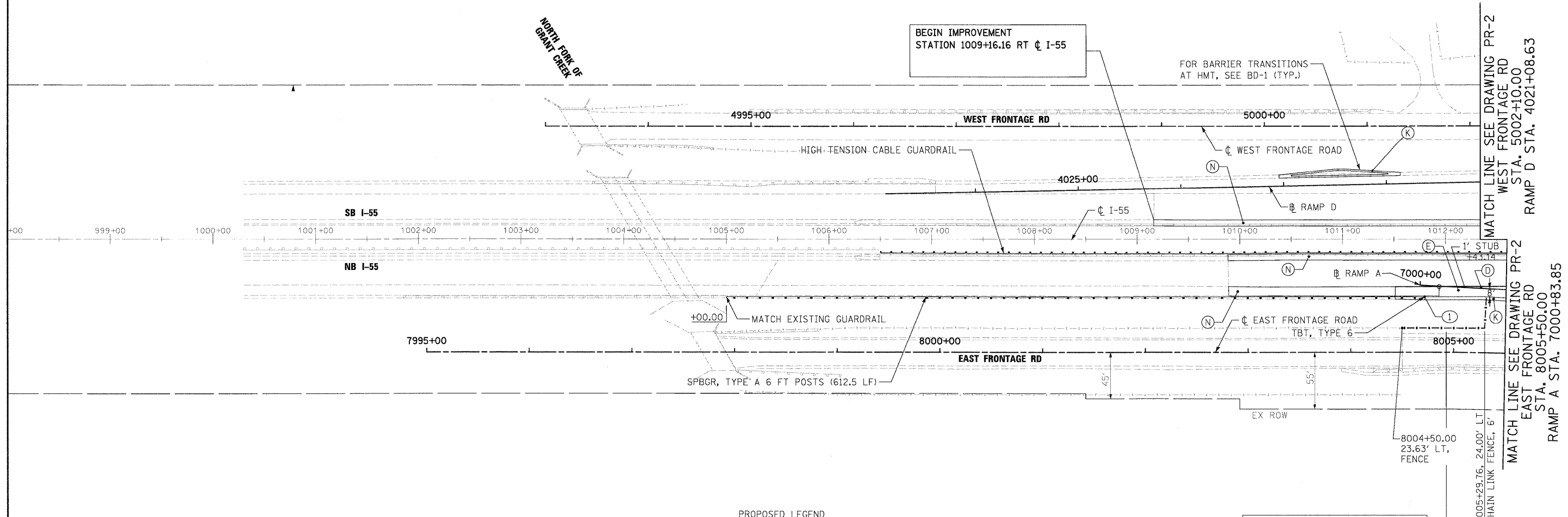
EXISTING STRUCTURE REMOVAL PLAN
 (FOR INFORMATION ONLY)

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

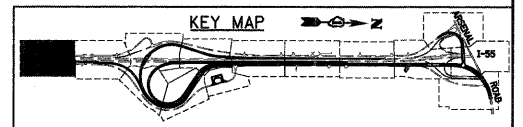
F.A. 1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	58
CONTRACT NO. 60F12			ILLINOIS FED. AID PROJECT	



NO.	STATION	OFFSET
①	7000+05.00	11.16' RT



STA 1012+00.78, 45.91' RT ϕ I-55 =
STA 7000+25.37 ϕ RAMP A



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FILE NAME = D160F12-SH1-PLAN01.dgn	USER NAME = TKluagel	DESIGNED - JTF	REVISED -
		DRAWN - JTF	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

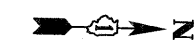
PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 1 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	59

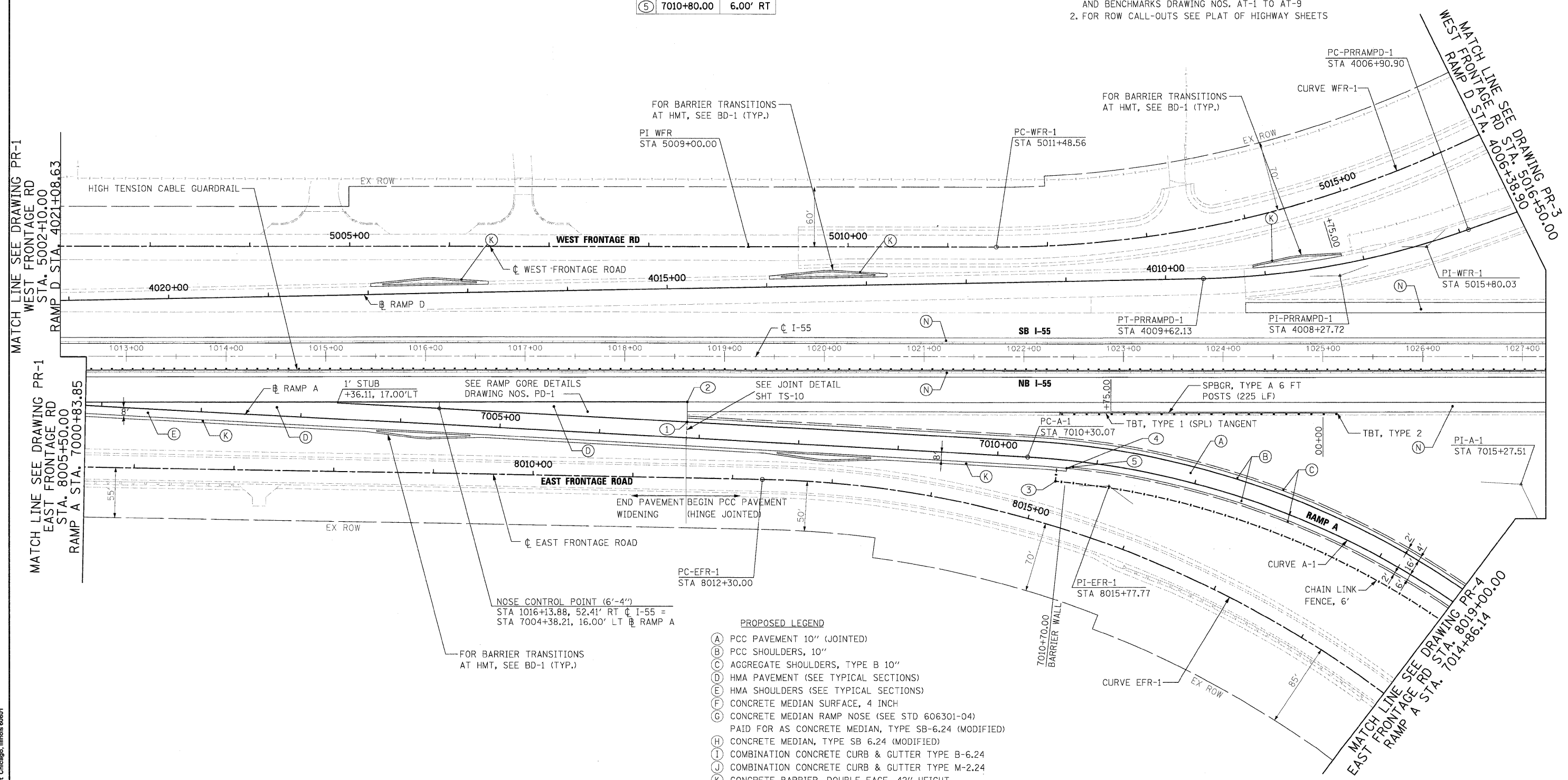
CONTRACT NO. 60F12

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



NO.	STATION	OFFSET
①	7006+87.23	16.00' LT
②	7006+86.35	36.20' LT
③	7010+60.00	22.00' RT
④	7010+70.00	8.00' RT
⑤	7010+80.00	6.00' RT

NOTE:
 1. FOR CURVE DATA SEE ALIGNMENTS, TIES AND BENCHMARKS DRAWING NOS. AT-1 TO AT-9
 2. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAY SHEETS



- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
 - (B) PCC SHOULDERS, 10"
 - (C) AGGREGATE SHOULDERS, TYPE B 10"
 - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
 - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
 - (F) CONCRETE MEDIAN SURFACE, 4 INCH
 - (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04)
 - (H) PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - (I) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
 - (J) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
 - (K) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
 - (L) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - (M) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
 - (N) CORRUGATED MEDIAN
 - (O) HMA SHOULDER CROSS SLOPE CORRECTION
 - (P) STATION OFFSET
- FENCE AS INDICATED IN PLANS

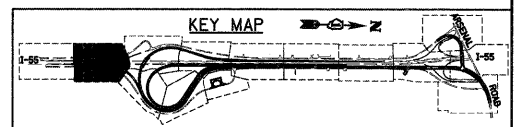
McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = DIS0F12-SHT-PL-AN02.dgn	USER NAME = TKLuegel	DESIGNED - JTF	REVISED -
PLOT SCALE = 1:50	CHECKED - DLT	DRAWN - JTF	REVISED -
PLOT DATE = 2/3/2011	DATE - 2/4/11		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

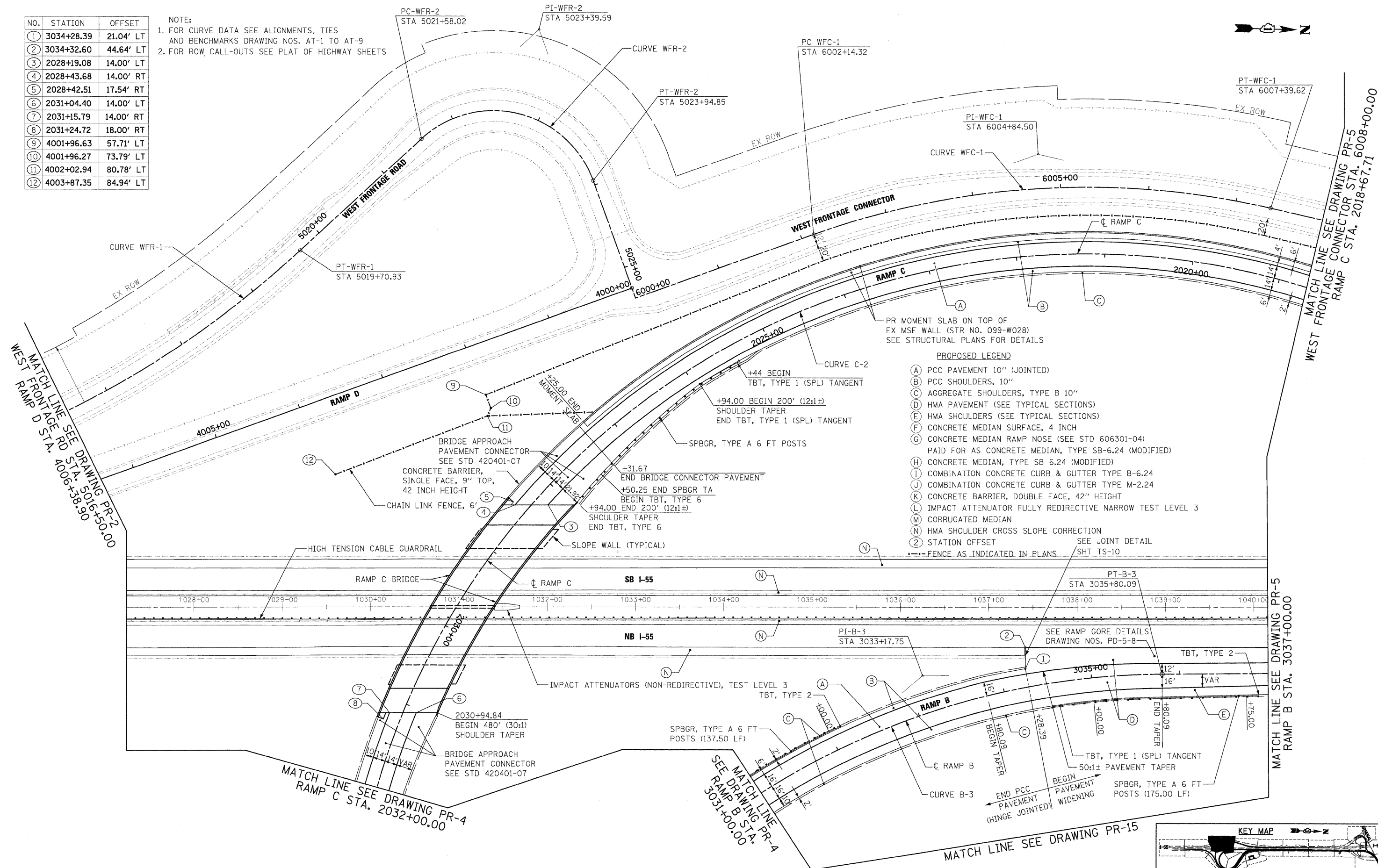
PROPOSED PLAN
 SCALE: 1"=50' SHEET NO. 2 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 60
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NO.	STATION	OFFSET
1	3034+28.39	21.04' LT
2	3034+32.60	44.64' LT
3	2028+19.08	14.00' LT
4	2028+43.68	14.00' RT
5	2028+42.51	17.54' RT
6	2031+04.40	14.00' LT
7	2031+15.79	14.00' RT
8	2031+24.72	18.00' RT
9	4001+96.63	57.71' LT
10	4001+96.27	73.79' LT
11	4002+02.94	80.78' LT
12	4003+87.35	84.94' LT

NOTE:
 1. FOR CURVE DATA SEE ALIGNMENTS, TIES AND BENCHMARKS DRAWING NOS. AT-1 TO AT-9
 2. FOR ROW, CALL-OUTS SEE PLAT OF HIGHWAY SHEETS



- PR MOMENT SLAB ON TOP OF EX MSE WALL (STR NO. 099-W028) SEE STRUCTURAL PLANS FOR DETAILS
- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
 - (B) PCC SHOULDERS, 10"
 - (C) AGGREGATE SHOULDERS, TYPE B 10"
 - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
 - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
 - (F) CONCRETE MEDIAN SURFACE, 4 INCH
 - (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04) PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - (H) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
 - (I) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
 - (J) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
 - (K) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - (L) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
 - (M) CORRUGATED MEDIAN
 - (N) HMA SHOULDER CROSS SLOPE CORRECTION
 - (2) STATION OFFSET
 - FENCE AS INDICATED IN PLANS

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\B\F12-SHT-PLAN\03.dgn
 USER NAME = TKLuegel
 PLOT SCALE = 1:50
 PLOT DATE = 2/3/2011

DESIGNED - JTF
 DRAWN - JTF
 CHECKED - DLT
 DATE - 2/4/11

REVISED -
 REVISED -
 REVISED -
 REVISED -

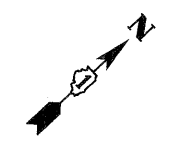
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 3 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	61
CONTRACT NO. 60F12				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

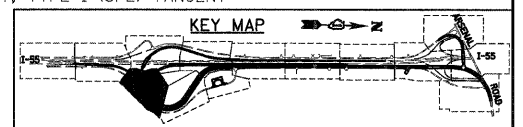


- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
 - (B) PCC SHOULDERS, 10"
 - (C) AGGREGATE SHOULDERS, TYPE B 10"
 - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
 - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
 - (F) CONCRETE MEDIAN SURFACE, 4 INCH
 - (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04)
PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - (H) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
 - (I) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
 - (J) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
 - (K) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - (L) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
 - (M) CORRUGATED MEDIAN
 - (N) HMA SHOULDER CROSS SLOPE CORRECTION
 - (Z) STATION OFFSET
- FENCE AS INDICATED IN PLANS

STATION EQUATION (POC)
 STA 2038+02.19 BK ϕ RAMP C (PT) =
 STA 100+00.00 AH ϕ RAMP E (PC) =
 STA 7021+82.16, 36' LT ϕ RAMP A

NO.	STATION	OFFSET
1	2036+51.23	24.00' RT
2	7020+27.70	20.00' LT
3	103+07.17	36.85' RT
4	103+84.06	38.00' RT

NOTE:
 1. FOR CURVE DATA SEE ALIGNMENTS, TIES
 AND BENCHMARKS DRAWING NOS. AT-1 TO AT-9
 2. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAY SHEETS



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FILE NAME = D:\62\F12-SHT-PLAN\04.dgn
 USER NAME = TK1uegel

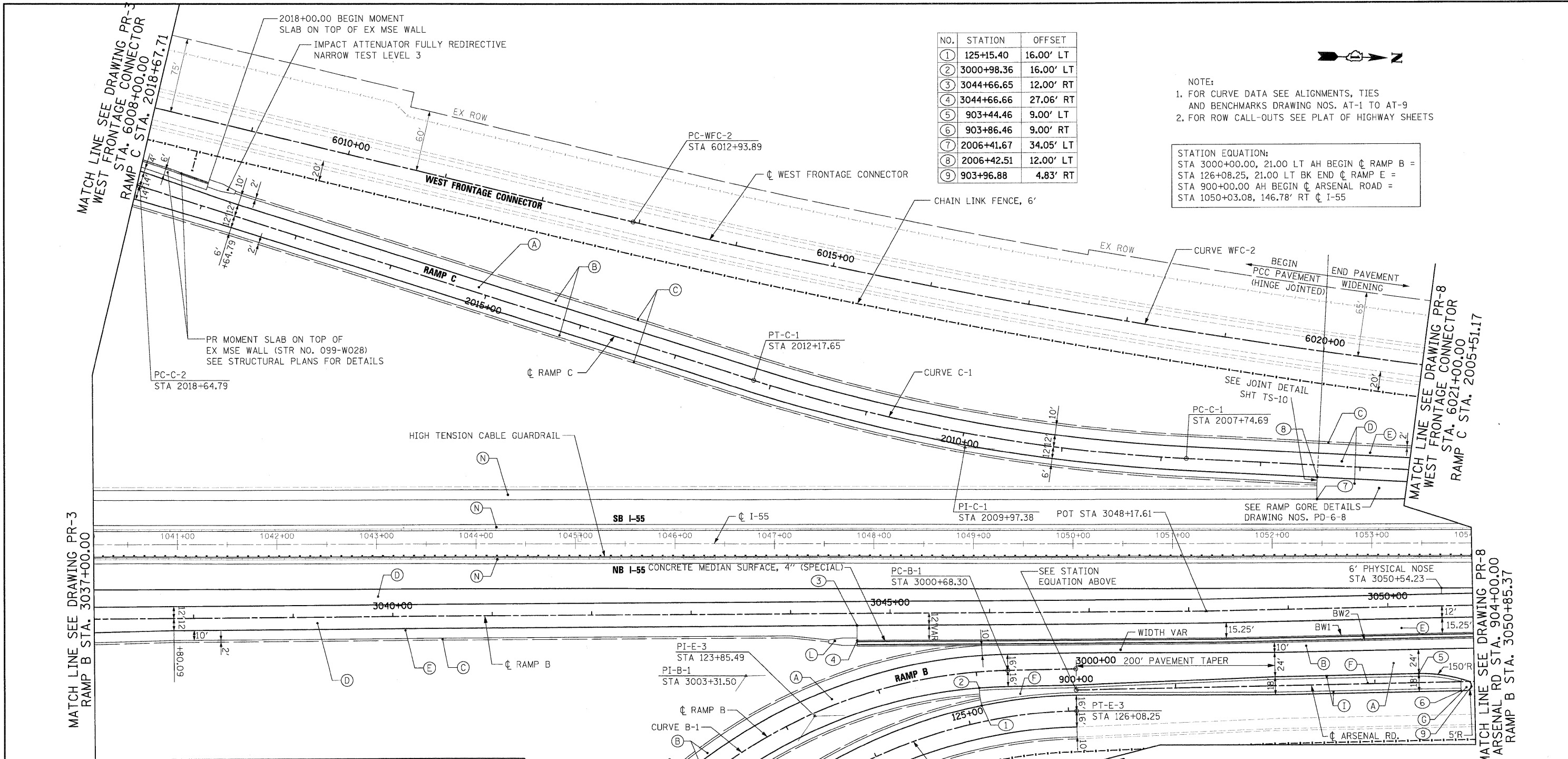
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DRAWN - JTF	REVISD -
CHECKED - DLT	REVISD -
DATE - 2/4/11	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 4 OF 15 SHEETS STA. TO STA.

F.A.I R.T.E. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 62
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



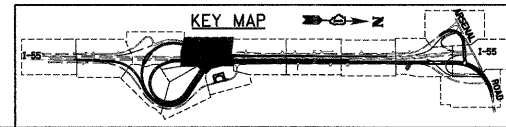
NO.	STATION	OFFSET
1	125+15.40	16.00' LT
2	3000+98.36	16.00' LT
3	3044+66.65	12.00' RT
4	3044+66.66	27.06' RT
5	903+44.46	9.00' LT
6	903+86.46	9.00' RT
7	2006+41.67	34.05' LT
8	2006+42.51	12.00' LT
9	903+96.88	4.83' RT

NOTE:
1. FOR CURVE DATA SEE ALIGNMENTS, TIES AND BENCHMARKS DRAWING NOS. AT-1 TO AT-9
2. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAY SHEETS

STATION EQUATION:
STA 3000+00.00, 21.00 LT AH BEGIN @ RAMP B =
STA 126+08.25, 21.00 LT BK END @ RAMP E =
STA 900+00.00 AH BEGIN @ ARSENAL ROAD =
STA 1050+03.08, 146.78' RT @ I-55

- PROPOSED LEGEND
- (A) PCC PAVEMENT 10" (JOINTED)
 - (B) PCC SHOULDERS, 10"
 - (C) AGGREGATE SHOULDERS, TYPE B 10"
 - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
 - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
 - (F) CONCRETE MEDIAN SURFACE, 4 INCH
 - (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04)
 - (H) PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - (I) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
 - (J) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
 - (K) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
 - (L) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - (M) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
 - (N) CORRUGATED MEDIAN
 - (O) HMA SHOULDER CROSS SLOPE CORRECTION
 - (P) STATION OFFSET

BW1 = CONCRETE BARRIER, SINGLE FACE, 6" TOP, 42" HEIGHT
BW2 = CONCRETE BARRIER, SINGLE FACE, 9" TOP, 42" HEIGHT



FILE NAME = D162F12-SHT-PLAN05.dgn	DESIGNED - JTF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN		F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 63	
PLOT SCALE = 1/8"=1'-0"	DRAWN - JTF	REVISED -		SCALE: 1"=50'	SHEET NO. 5 OF 15 SHEETS	STA. TO STA.	CONTRACT NO. 60F12				
PLOT DATE = 2/3/2011	CHECKED - DLT	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
DATE = 2/4/11	REVISIONS	REVISED -									

- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
 - (B) PCC SHOULDERS, 10"
 - (C) AGGREGATE SHOULDERS, TYPE B 10"
 - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
 - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
 - (F) CONCRETE MEDIAN SURFACE, 4 INCH
 - (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04)
 - (H) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
 - (I) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
 - (J) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
 - (K) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - (L) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
 - (M) CORRUGATED MEDIAN
 - (N) HMA SHOULDER CROSS SLOPE CORRECTION
 - (2) STATION OFFSET
 - FENCE AS INDICATED IN PLANS

NOTE:

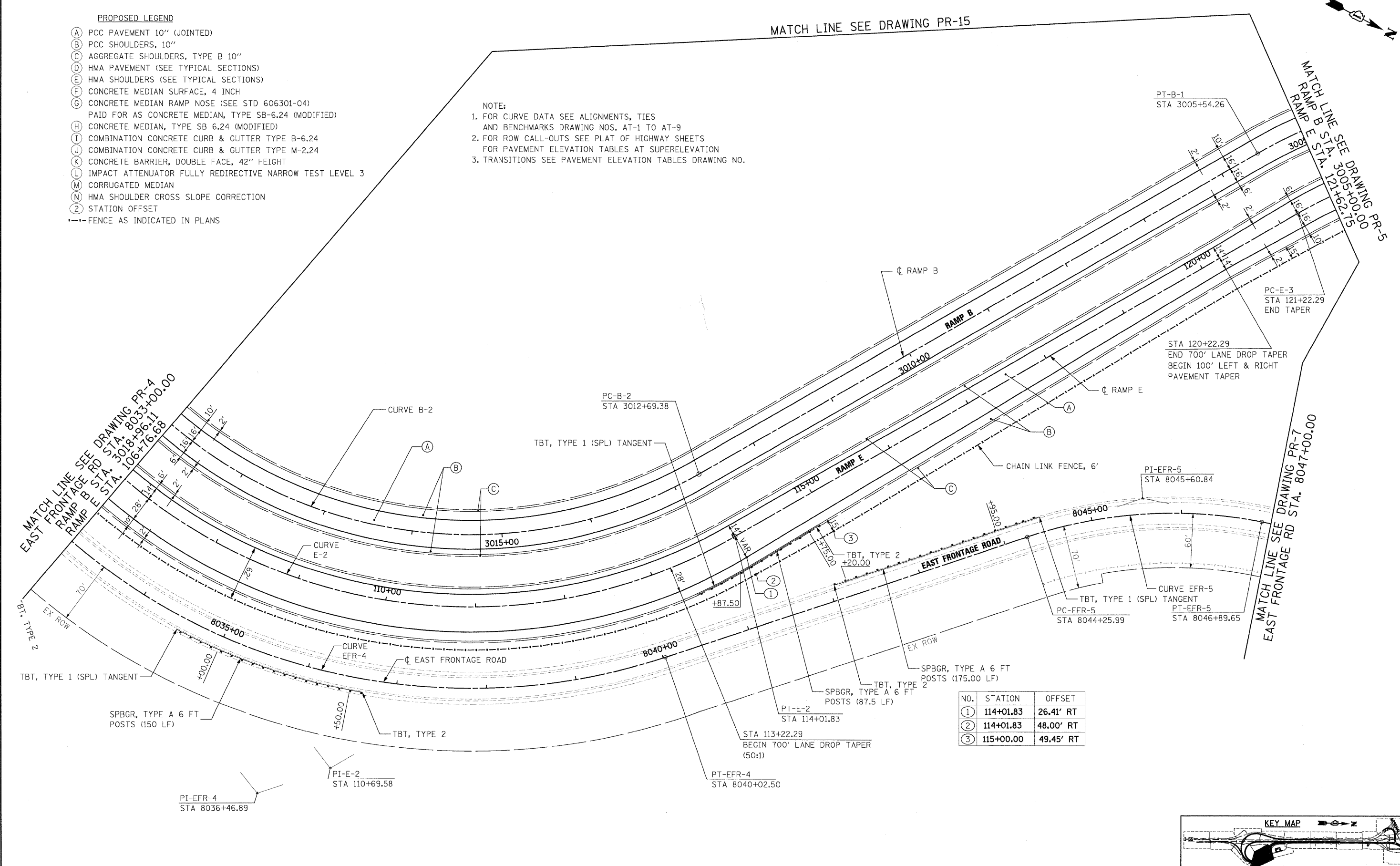
1. FOR CURVE DATA SEE ALIGNMENTS, TIES AND BENCHMARKS DRAWING NOS. AT-1 TO AT-9
2. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAY SHEETS FOR PAVEMENT ELEVATION TABLES AT SUPERELEVATION
3. TRANSITIONS SEE PAVEMENT ELEVATION TABLES DRAWING NO.

MATCH LINE SEE DRAWING PR-15

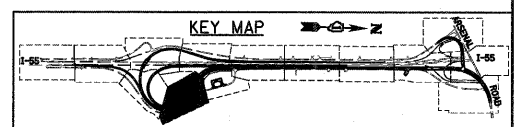
MATCH LINE SEE DRAWING PR-5
RAMP E STA. 3005+00.00
RAMP B STA. 121+62.75

MATCH LINE SEE DRAWING PR-7
EAST FRONTAGE RD STA. 8047+00.00

MATCH LINE SEE DRAWING PR-4
EAST FRONTAGE RD STA. 8033+00.00
RAMP B STA. 3018+96.11
RAMP E STA. 106+76.88



NO.	STATION	OFFSET
①	114+01.83	26.41' RT
②	114+01.83	48.00' RT
③	115+00.00	49.45' RT



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FILE NAME = D160F12-SHT-PLAN06.dgn	USER NAME = TKLegal	DESIGNED - JTF	REVISED -
PLOT SCALE = 1:50	CHECKED - DLT	DRAWN - JTF	REVISED -
PLOT DATE = 2/3/2011	DATE - 2/4/11	CHECKED - DLT	REVISED -

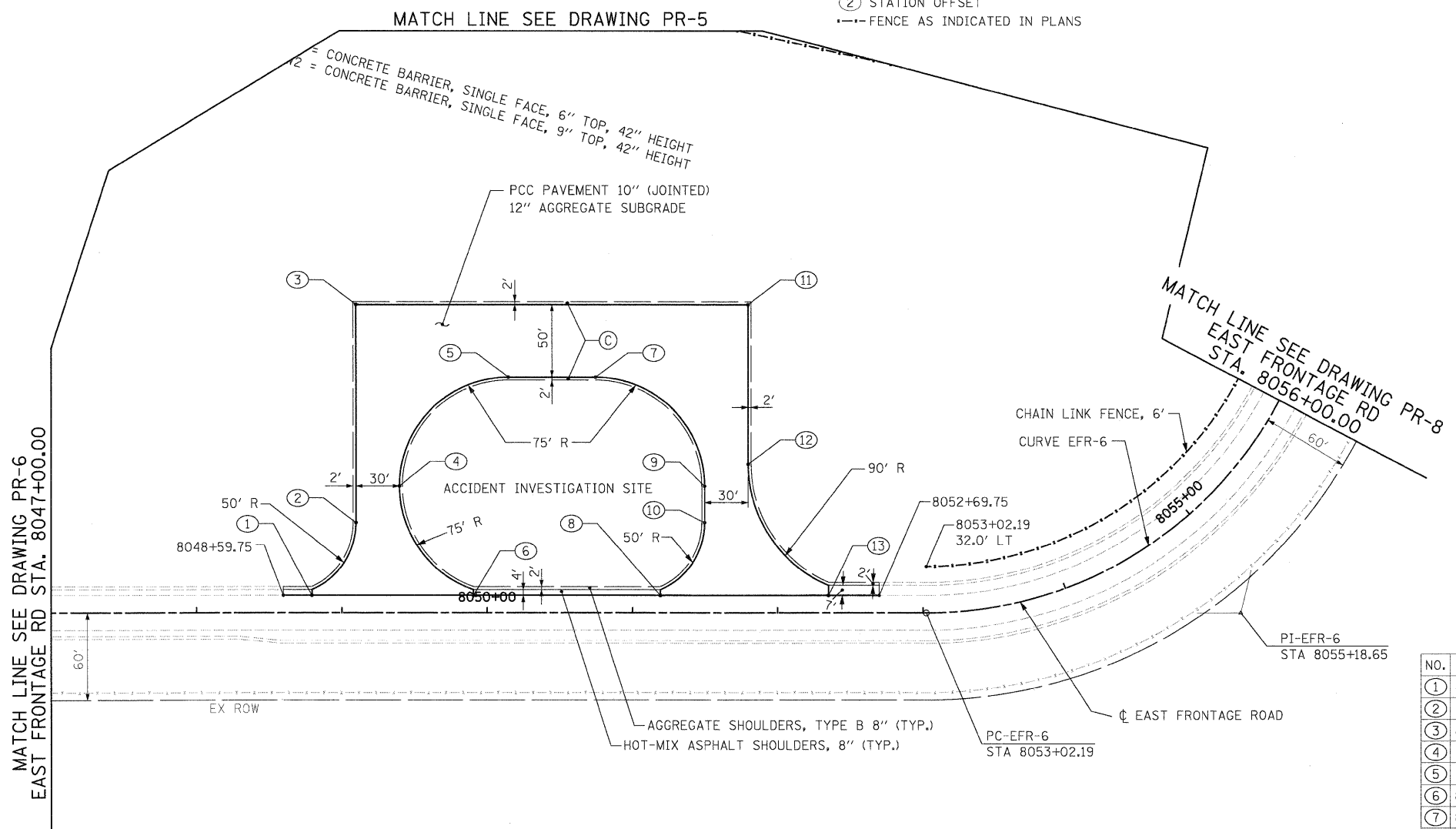
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 6 OF 15 SHEETS STA. TO STA.

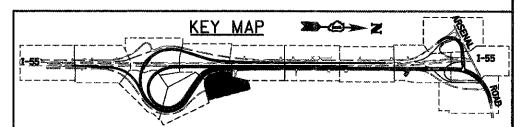
F.A.I R.T.E. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 64
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
 - (B) PCC SHOULDERS, 10"
 - (C) AGGREGATE SHOULDERS, TYPE B 10"
 - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
 - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
 - (F) CONCRETE MEDIAN SURFACE, 4 INCH
 - (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04)
PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - (H) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
 - (I) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
 - (J) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
 - (K) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - (L) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
 - (M) CORRUGATED MEDIAN
 - (N) HMA SHOULDER CROSS SLOPE CORRECTION
 - (O) STATION OFFSET
 - FENCE AS INDICATED IN PLANS



NO.	STATION	OFFSET
1	8048+79.35	12.00' LT
2	8049+09.75	62.00' LT
3	8049+09.75	212.00' LT
4	8049+39.75	87.00' LT
5	8050+14.75	162.00' LT
6	8049+90.59	12.00' LT
7	8050+74.75	162.00' LT
8	8051+19.35	12.00' LT
9	8051+49.75	87.00' LT
10	8051+49.75	62.00' LT
11	8051+79.75	212.00' LT
12	8051+79.75	102.00' LT
13	8052+34.96	12.00' LT

NOTE:
 1. FOR CURVE DATA SEE ALIGNMENTS, TIES AND BENCHMARKS DRAWING NOS. AT-1 TO AT-9
 2. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAY SHEETS



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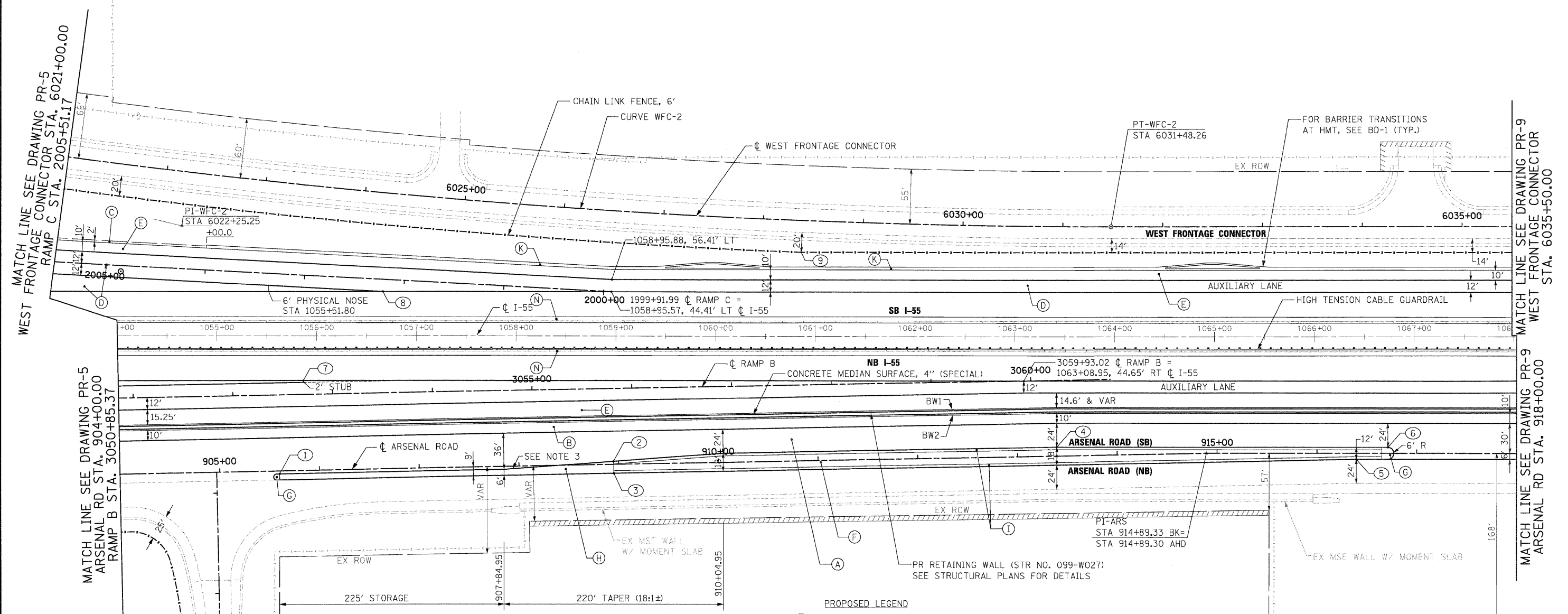
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		DRAWN - JTF	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
 SCALE: 1"=50' SHEET NO. 7 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 65
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NO.	STATION	OFFSET
①	905+59.95	3.00' RT
②	908+94.88	3.00' LT
③	908+95.02	9.00' RT
④	913+39.48	9.00' LT
⑤	916+39.39	6.00' RT
⑥	916+71.00	6.00' LT
⑦	3052+70.99	14.00' LT
⑧	2002+20.96	12.00' LT
⑨	6028+39.02	32.00' RT



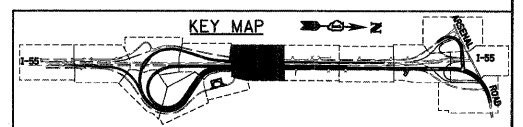
- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
 - (B) PCC SHOULDERS, 10"
 - (C) AGGREGATE SHOULDERS, TYPE B 10"
 - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
 - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
 - (F) CONCRETE MEDIAN SURFACE, 4 INCH
 - (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04)
PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - (H) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
 - (I) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
 - (J) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
 - (K) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - (L) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
 - (M) CORRUGATED MEDIAN
 - (N) HMA SHOULDER CROSS SLOPE CORRECTION
 - (O) STATION OFFSET
 - FENCE AS INDICATED IN PLANS

NOTE:

- FOR CURVE DATA SEE ALIGNMENTS, TIES AND BENCHMARKS DRAWING NOS. AT-1 TO AT-9
- FOR ROW CALL-OUTS SEE PLAT OF HIGHWAY SHEETS

(3) 18' CURB & GUTTER TRANSITION FROM TYPE B-6.12 TO TYPE B-6.24

BW1 = CONCRETE BARRIER, SINGLE FACE, 6" TOP, 42" HEIGHT
 BW2 = CONCRETE BARRIER, SINGLE FACE, 9" TOP, 42" HEIGHT



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FILE NAME = D160F12-SHT-PLAN08.dgn
 USER NAME = TKLuegel
 PLOT SCALE = 1:50
 PLOT DATE = 2/3/2011

DESIGNED - JTF
 DRAWN - JTF
 CHECKED - DLT
 DATE - 2/4/11

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

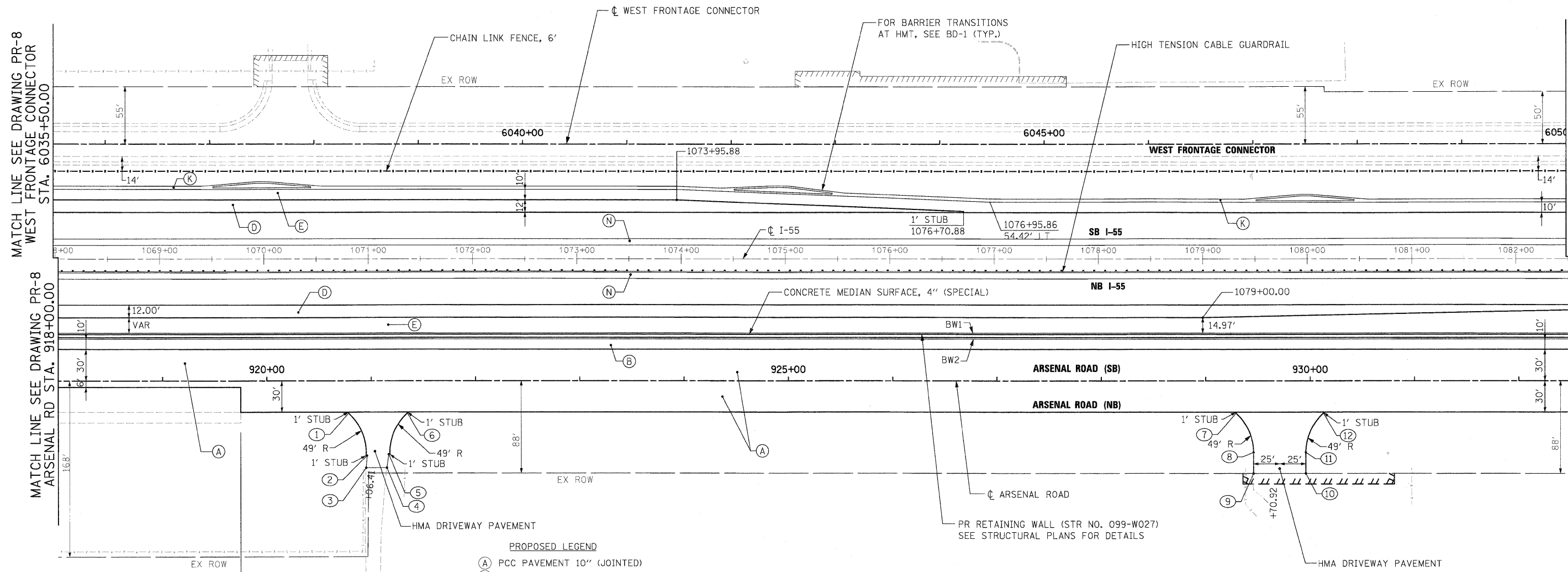
PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 8 OF 15 SHEETS STA. TO STA.

F.A.I R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	66
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NO.	STATION	OFFSET
①	920+78.20	31.00' RT
②	920+95.97	71.33' RT
③	920+95.07	83.00' RT
④	921+14.98	83.00' RT
⑤	921+16.74	70.00' RT
⑥	921+34.62	31.00' RT

NO.	STATION	OFFSET
⑦	929+29.04	31.00' RT
⑧	929+45.92	68.00' RT
⑨	929+45.92	88.00' RT
⑩	929+95.922	88.00' RT
⑪	929+95.92	68.00' RT
⑫	930+12.79	31.00' RT



MATCH LINE SEE DRAWING PR-8
WEST FRONTAGE CONNECTOR
STA. 6035+50.00

MATCH LINE SEE DRAWING PR-8
ARSENAL RD STA. 918+00.00

MATCH LINE SEE DRAWING PR-10
WEST FRONTAGE CONNECTOR
STA. 6050+00.00

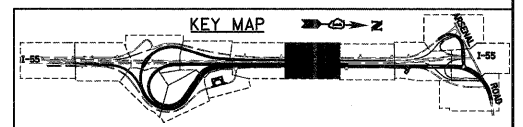
MATCH LINE SEE DRAWING PR-10
ARSENAL RD STA. 932+50.00

**BEGIN NB ARSENAL RD IMPROVEMENT
STATION 919+75.00 RT
MATCH EXISTING**

- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
 - (B) PCC SHOULDERS, 10"
 - (C) AGGREGATE SHOULDERS, TYPE B 10"
 - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
 - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
 - (F) CONCRETE MEDIAN SURFACE, 4 INCH
 - (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04)
PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - (H) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
 - (I) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
 - (J) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
 - (K) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - (L) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
 - (M) CORRUGATED MEDIAN
 - (N) HMA SHOULDER CROSS SLOPE CORRECTION
 - (2) STATION OFFSET

- NOTE:**
- FOR CURVE DATA SEE ALIGNMENTS, TIES AND BENCHMARKS DRAWING NOS. AT-1 TO AT-9
 - FOR ROW CALL-OUTS SEE PLAT OF HIGHWAY SHEETS

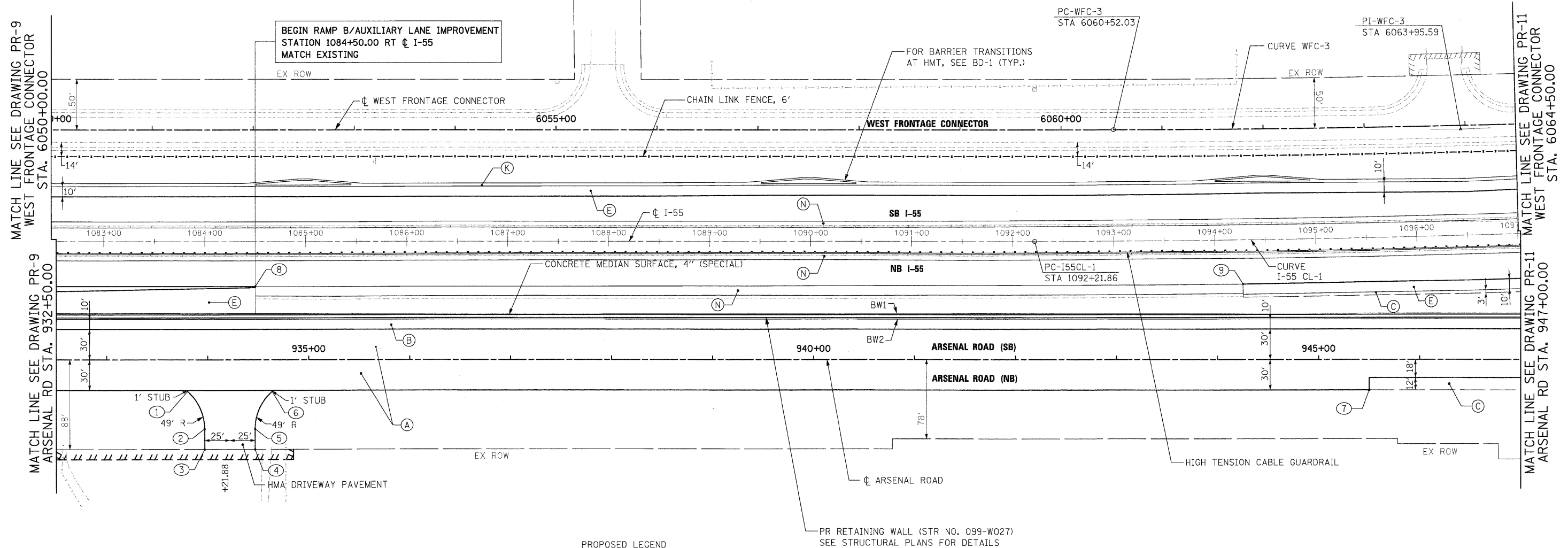
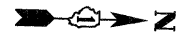
BW1 = CONCRETE BARRIER, SINGLE FACE, 6" TOP, 42" HEIGHT
BW2 = CONCRETE BARRIER, SINGLE FACE, 9" TOP, 42" HEIGHT



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FILE NAME = D:\60F12-SHT-PLAN\09.dgn	USER NAME = TKLuegel	DESIGNED - JTF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN		F.A.I R.T.E. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 67	
PLOT SCALE = 1:500	CHECKED - DLT	REVISED -	REVISED -		SCALE: 1"=50'	SHEET NO. 9 OF 15 SHEETS	STA. TO STA.	CONTRACT NO. 60F12				
PLOT DATE = 2/3/2011	DATE = 2/4/11	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
FENCE AS INDICATED IN PLANS												

NO.	STATION	OFFSET
①	933+80.01	31.00' RT
②	933+96.88	68.00' RT
③	933+96.88	88.00' RT
④	934+46.88	88.00' RT
⑤	934+46.88	68.00' RT
⑥	934+63.76	31.00' RT
⑦	945+50.00	30.00' RT
⑧	1084+50.00	44.36' RT
⑨	1094+27.54	43.69' RT

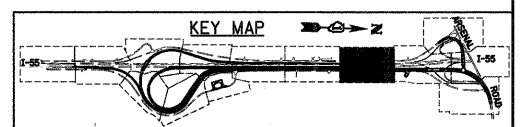


PROPOSED LEGEND

- (A) PCC PAVEMENT 10" (JOINTED)
- (B) PCC SHOULDERS, 10"
- (C) AGGREGATE SHOULDERS, TYPE B 10"
- (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
- (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
- (F) CONCRETE MEDIAN SURFACE, 4 INCH
- (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04)
PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (H) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
- (I) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
- (J) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
- (K) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (L) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
- (M) CORRUGATED MEDIAN
- (N) HMA SHOULDER CROSS SLOPE CORRECTION
- (O) STATION OFFSET
- (P) FENCE AS INDICATED IN PLANS

NOTE:
 1. FOR CURVE DATA SEE ALIGNMENTS, TIES AND BENCHMARKS DRAWING NOS. AT-1 TO AT-7
 2. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAY SHEETS

BW1 = CONCRETE BARRIER, SINGLE FACE, 6" TOP, 42" HEIGHT
 BW2 = CONCRETE BARRIER, SINGLE FACE, 9" TOP, 42" HEIGHT



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FILE NAME = D:\60F12-SHT-PLAN10.dgn	USER NAME = TKLuegel	DESIGNED - JTF	REVISED -
PLLOT SCALE = 1:50	CHECKED - DLT	DRAWN - JTF	REVISED -
PLLOT DATE = 2/3/2011	DATE - 2/4/11	CHECKED - DLT	REVISED -

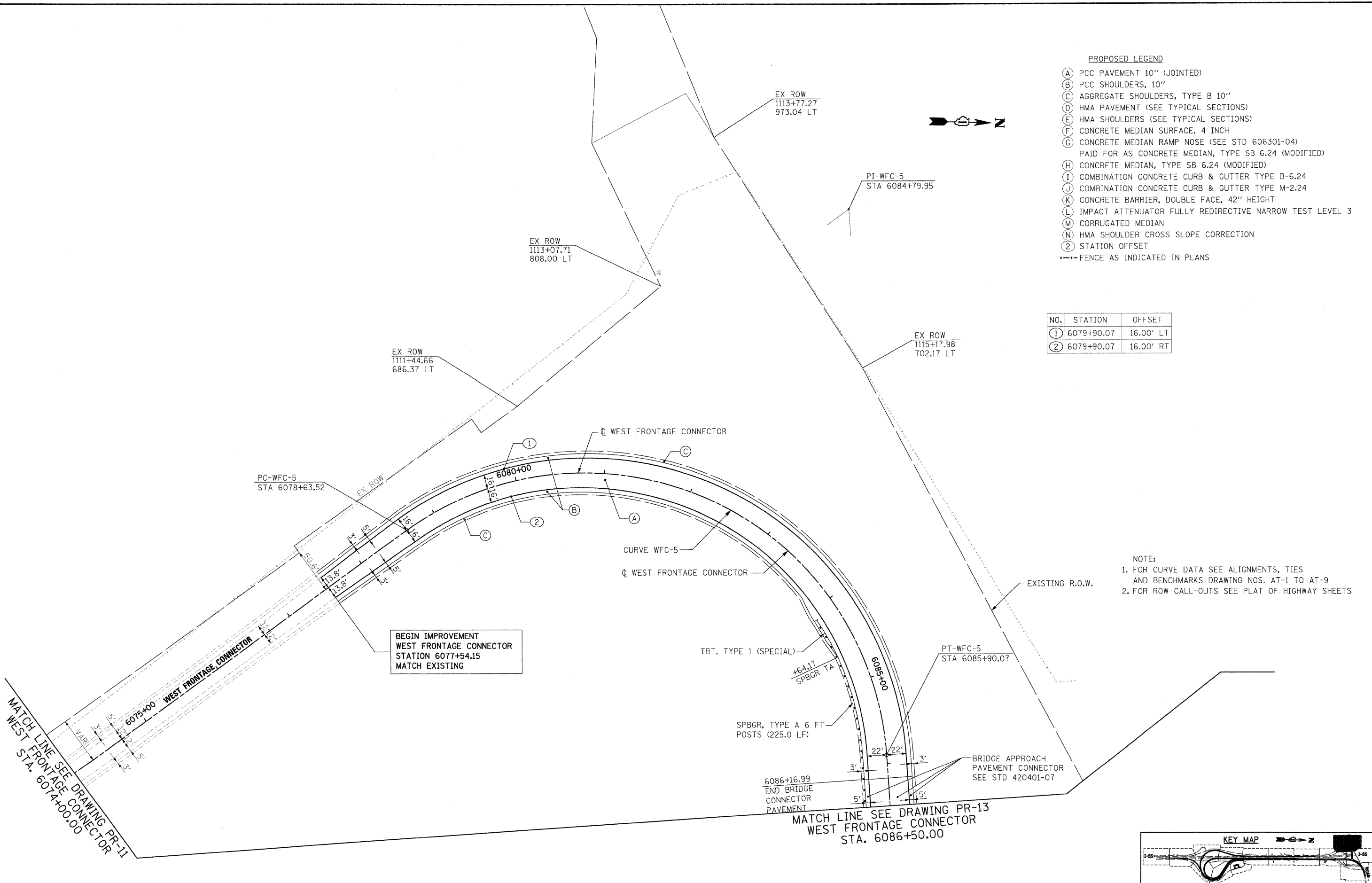
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
 SCALE: 1"=50' SHEET NO. 10 OF 15 SHEETS STA. TO STA.

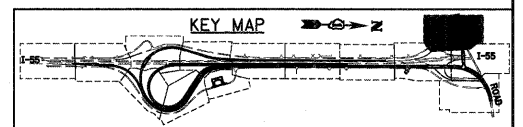
F.A.I R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	68
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
 - (B) PCC SHOULDERS, 10"
 - (C) AGGREGATE SHOULDERS, TYPE B 10"
 - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
 - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
 - (F) CONCRETE MEDIAN SURFACE, 4 INCH
 - (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04)
PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - (H) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
 - (I) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
 - (J) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
 - (K) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - (L) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
 - (M) CORRUGATED MEDIAN
 - (N) HMA SHOULDER CROSS SLOPE CORRECTION
 - (O) STATION OFFSET
- FENCE AS INDICATED IN PLANS

NO.	STATION	OFFSET
①	6079+90.07	16.00' LT
②	6079+90.07	16.00' RT



NOTE:
 1. FOR CURVE DATA SEE ALIGNMENTS, TIES AND BENCHMARKS DRAWING NOS. AT-1 TO AT-9
 2. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAY SHEETS



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FILE NAME = D150F12-SHT-PLAN12.dgn	USER NAME = TKLuegel	DESIGNED - JTF	REVISED -
		DRAWN - JTF	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 2/4/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

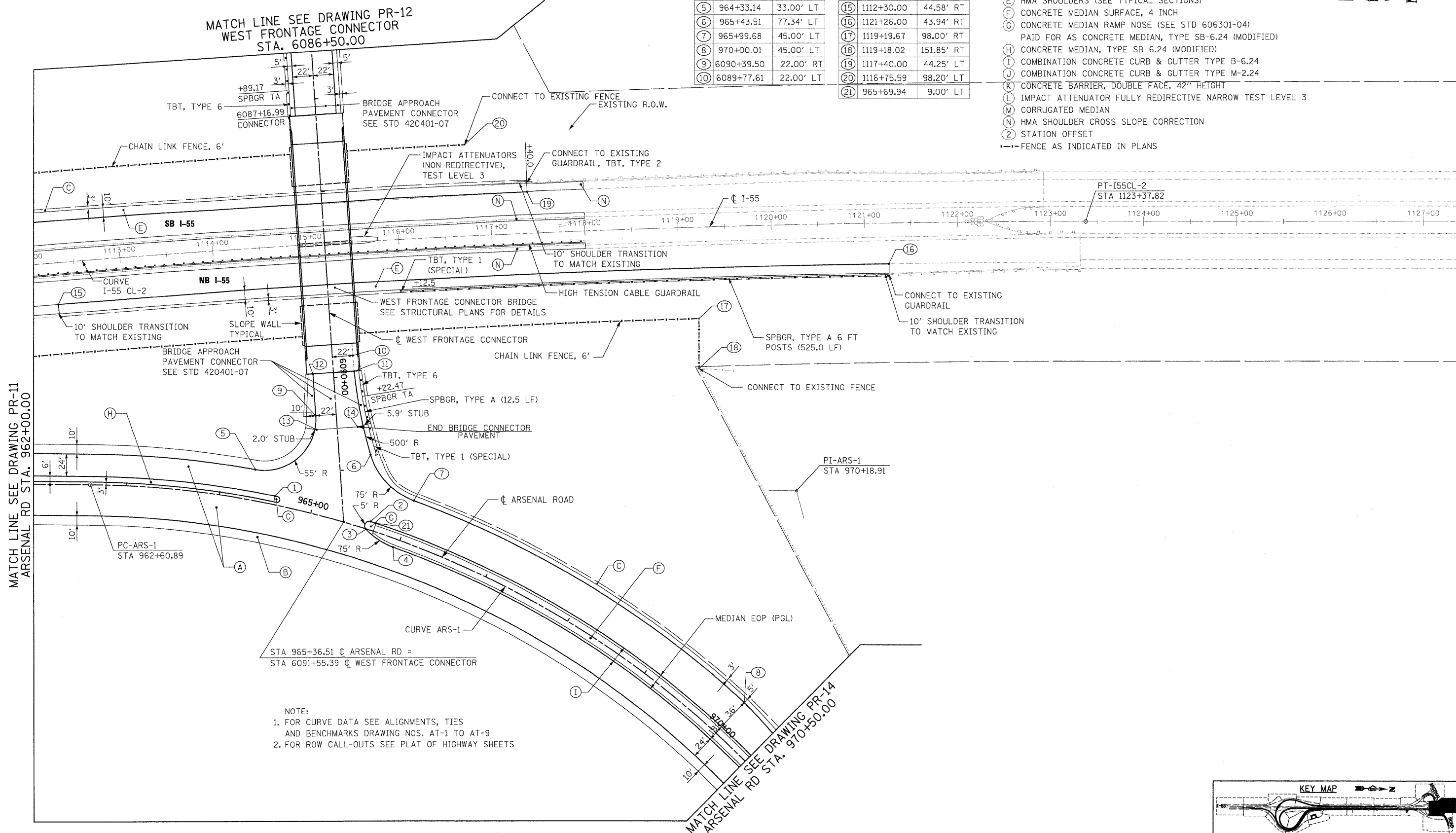
PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 12 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 70
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NO.	STATION	OFFSET	NO.	STATION	OFFSET
1	964+58.57	9.00' LT	11	6089+94.65	22.29' LT
2	965+63.96	9.00' LT	12	6089+94.65	22.00' RT
3	965+61.57	0.39' RT	13	6090+54.65	22.00' RT
4	965+95.37	9.00' RT	14	6090+54.65	22.00' LT
5	964+33.14	33.00' LT	15	1112+30.00	44.58' RT
6	965+43.51	77.34' LT	16	1121+26.00	43.94' RT
7	965+99.68	45.00' LT	17	1119+19.67	98.00' RT
8	970+00.01	45.00' LT	18	1119+18.02	151.85' RT
9	6090+39.50	22.00' RT	19	1117+40.00	44.25' LT
10	6089+77.61	22.00' LT	20	1116+75.59	98.20' LT
			21	965+69.94	9.00' LT

- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
 - (B) PCC SHOULDERS, 10"
 - (C) AGGREGATE SHOULDERS, TYPE B 10"
 - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
 - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
 - (F) CONCRETE MEDIAN SURFACE, 4 INCH
 - (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04)
 - (H) PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - (I) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
 - (J) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
 - (K) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
 - (L) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - (M) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
 - (N) CORRUGATED MEDIAN
 - (O) HMA SHOULDER CROSS SLOPE CORRECTION
 - (P) STATION OFFSET
- FENCE AS INDICATED IN PLANS



NOTE:

- FOR CURVE DATA SEE ALIGNMENTS, TIES AND BENCHMARKS DRAWING NOS. AT-1 TO AT-9
- FOR ROW CALL-OUTS SEE PLAT OF HIGHWAY SHEETS

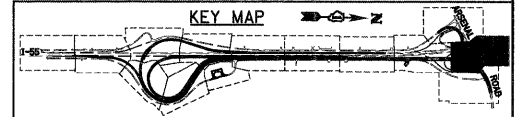
McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\62\F12-SHT-PLAN\13.dgn	USER NAME = TKJuegl	DESIGNED - JTF	REVISED -
PLOT SCALE = 1:500	CHECKED - DLT	DRAWN - JTF	REVISED -
PLOT DATE = 2/3/2011	DATE - 2/4/11		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

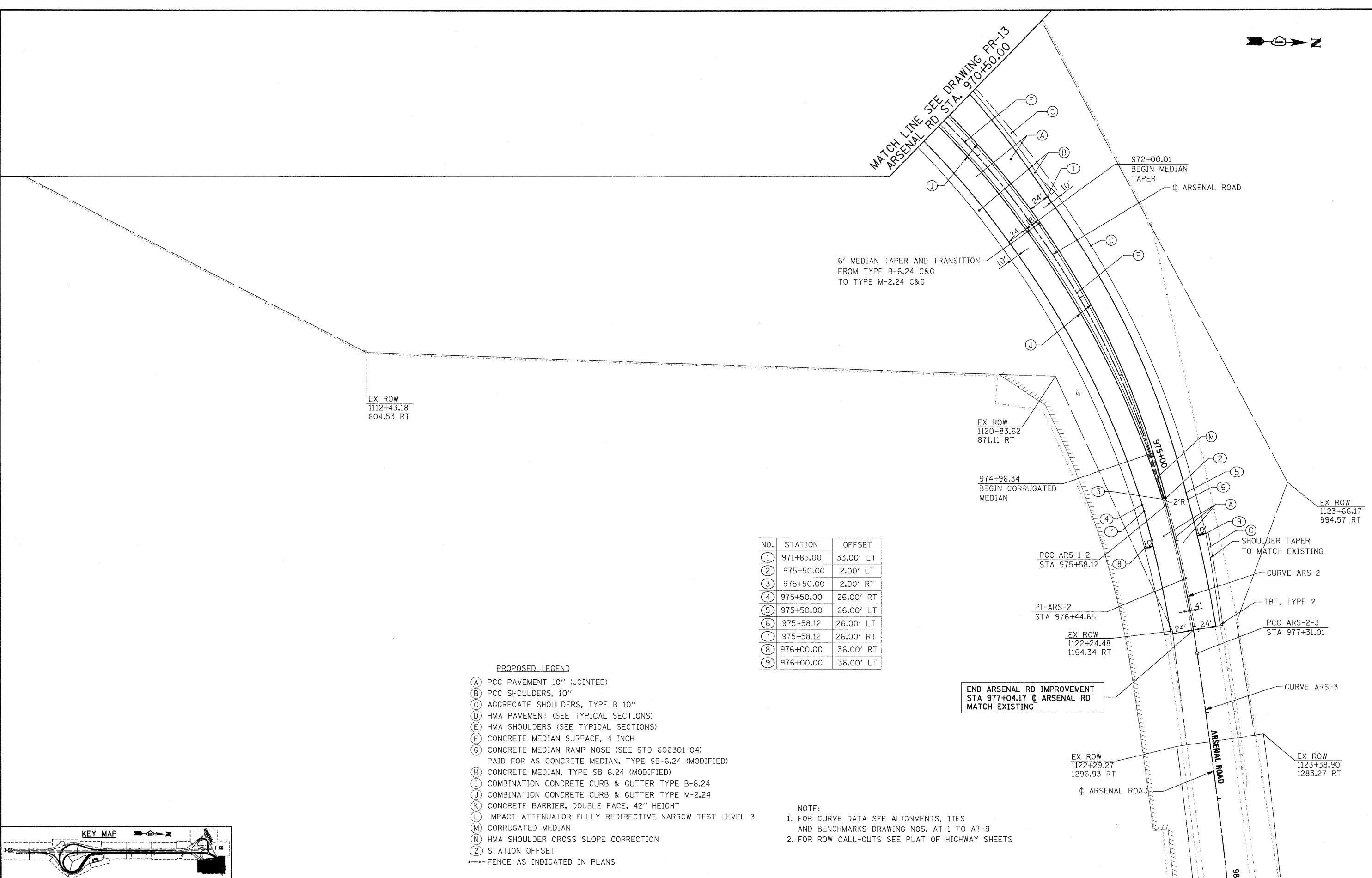
PROPOSED PLAN
 SCALE: 1"=50' SHEET NO. 13 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 71
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





MATCH LINE SEE DRAWING PR-13
ARSENAL RD STA. 970+50.00



EX ROW
1112+43.18
804.53 RT

EX ROW
1120+83.62
871.11 RT

974+96.34
BEGIN CORRUGATED
MEDIAN

EX ROW
1123+66.17
994.57 RT

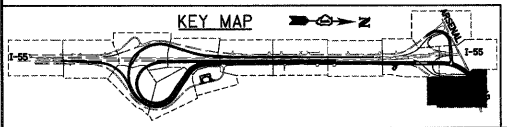
NO.	STATION	OFFSET
①	971+85.00	33.00' LT
②	975+50.00	2.00' LT
③	975+50.00	2.00' RT
④	975+50.00	26.00' RT
⑤	975+50.00	26.00' LT
⑥	975+58.12	26.00' LT
⑦	975+58.12	26.00' RT
⑧	976+00.00	36.00' RT
⑨	976+00.00	36.00' LT

PROPOSED LEGEND

- (A) PCC PAVEMENT 10" (JOINTED)
 - (B) PCC SHOULDERS, 10"
 - (C) AGGREGATE SHOULDERS, TYPE B 10"
 - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
 - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
 - (F) CONCRETE MEDIAN SURFACE, 4 INCH
 - (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04)
PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - (H) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
 - (I) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
 - (J) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
 - (K) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - (L) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
 - (M) CORRUGATED MEDIAN
 - (N) HMA SHOULDER CROSS SLOPE CORRECTION
 - ② STATION OFFSET
- FENCE AS INDICATED IN PLANS

END ARSENAL RD IMPROVEMENT
STA 977+04.17 @ ARSENAL RD
MATCH EXISTING

NOTE:
1. FOR CURVE DATA SEE ALIGNMENTS, TIES
AND BENCHMARKS DRAWING NOS. AT-1 TO AT-9
2. FOR ROW CALL-OUTS SEE PLAT OF HIGHWAY SHEETS



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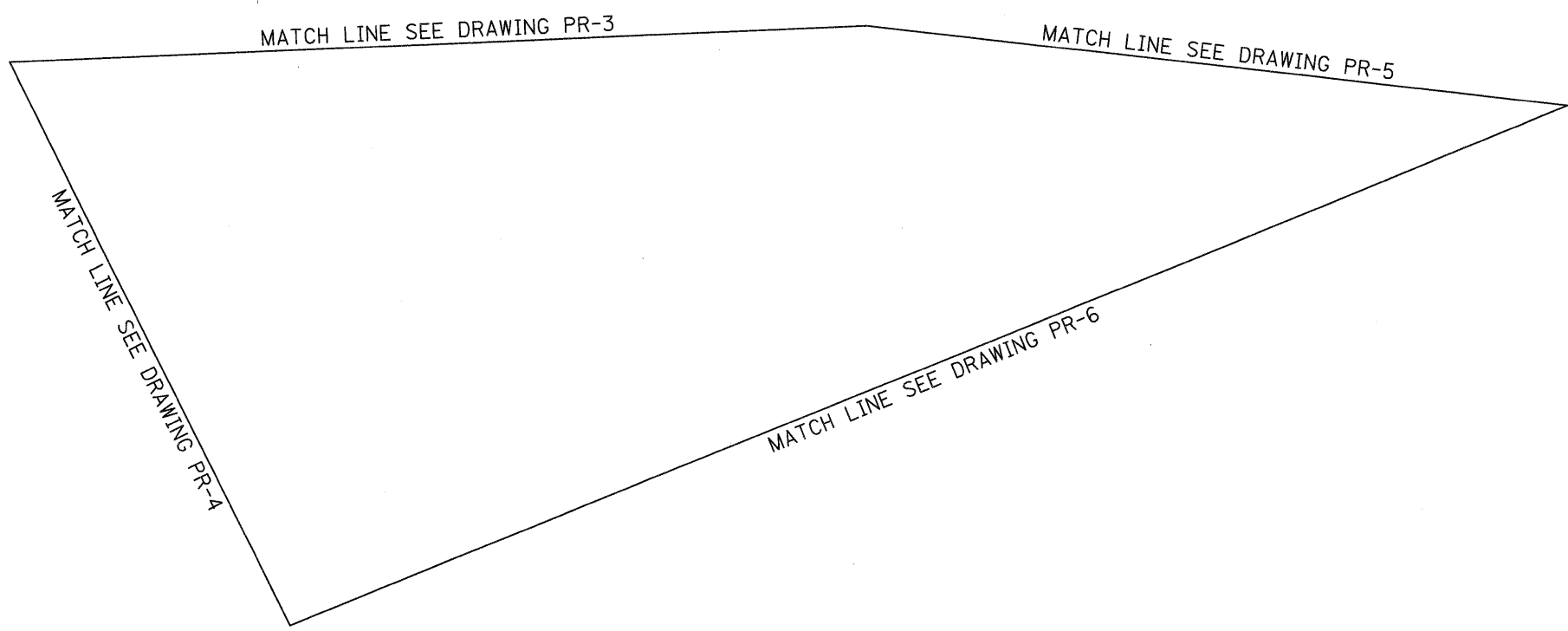
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PLOT DATE = 2/3/2011	DATE - 2/4/11		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

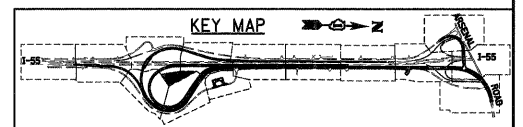
SCALE: 1"=50' SHEET NO. 14 OF 15 SHEETS STA. TO STA.

F.A.T. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 72
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PROPOSED LEGEND

- (A) PCC PAVEMENT 10" (JOINTED)
- (B) PCC SHOULDERS, 10"
- (C) AGGREGATE SHOULDERS, TYPE B 10"
- (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
- (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
- (F) CONCRETE MEDIAN SURFACE, 4 INCH
- (G) CONCRETE MEDIAN RAMP NOSE (SEE STD 606301-04)
- (H) PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (I) CONCRETE MEDIAN, TYPE SB 6.24 (MODIFIED)
- (J) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
- (K) COMBINATION CONCRETE CURB & GUTTER TYPE M-2.24
- (L) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (M) IMPACT ATTENUATOR FULLY REDIRECTIVE NARROW TEST LEVEL 3
- (N) CORRUGATED MEDIAN
- (O) HMA SHOULDER CROSS SLOPE CORRECTION
- (P) STATION OFFSET
- FENCE AS INDICATED IN PLANS



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FILE NAME = D:\62\F12-SHT-PLAN15.dgn	USER NAME = TKJuegel	DESIGNED - JTF	REVISED -
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		DATE - 2/4/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

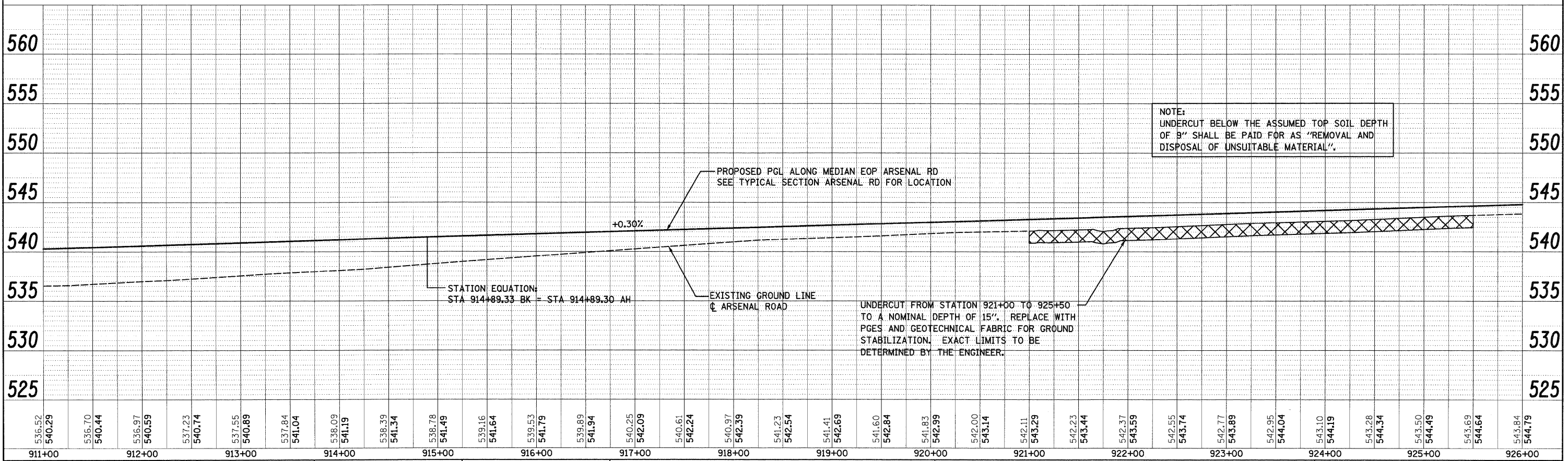
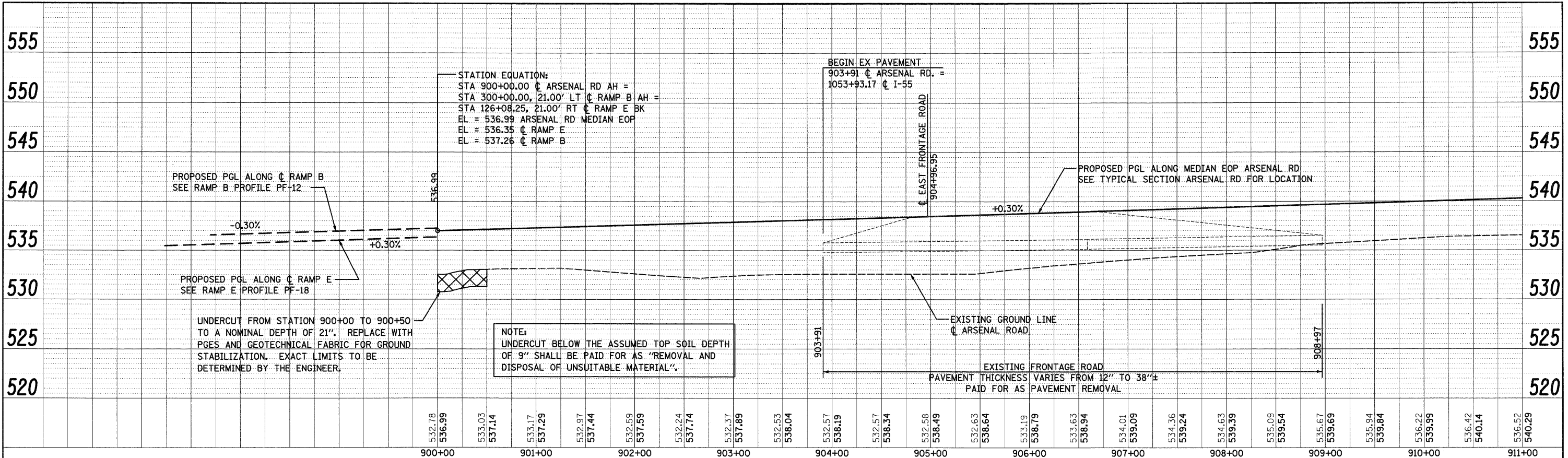
PROPOSED PLAN
 SCALE: 1"=50' SHEET NO. 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-211B-2B-1	WILL	756	73
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY
REVIEWED	PROPOSED
PLANNING	DESIGN
NO. _____	NO. _____
NO. _____	NO. _____
NO. _____	NO. _____

DATE	BY
REVIEWED	PROPOSED
PLANNING	DESIGN
NO. _____	NO. _____
NO. _____	NO. _____
NO. _____	NO. _____

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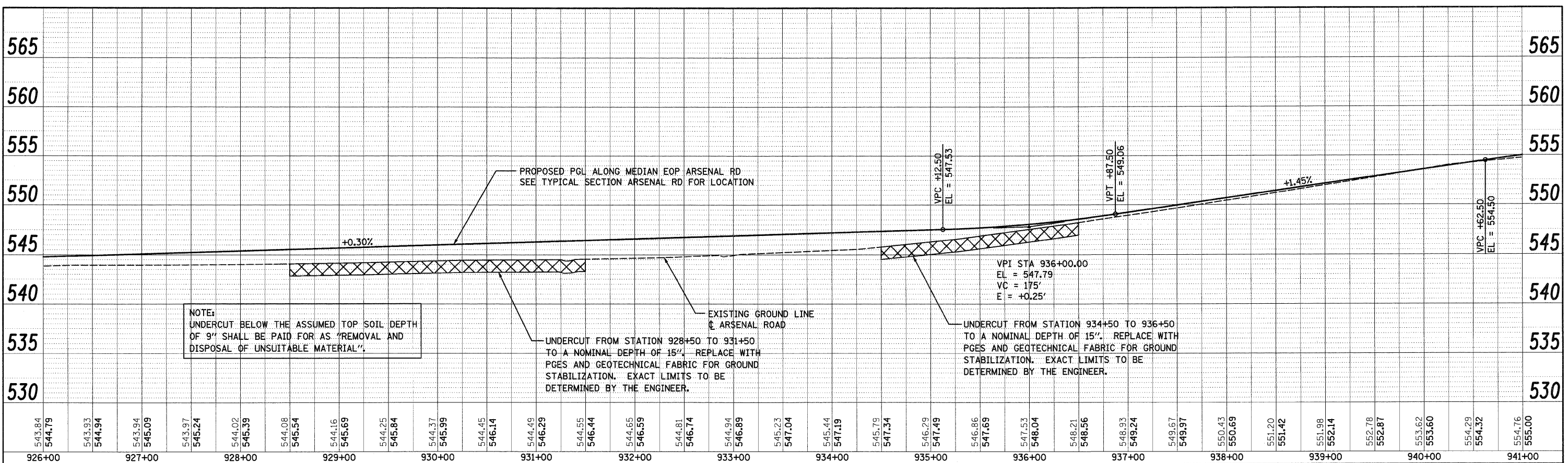


FILE NAME =	USER NAME = TKLuegel	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SCALE: 1"=50' H: 1"=5' V SHEET NO. 1 OF 3 SHEETS STA. TO STA.	ARSENAL ROAD PROFILE FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
D:\160F12-SHT-PROF1.E01.dgn		DRAWN - MJT	REVISED -		
PLOT SCALE = 1:50		CHECKED - DLT	REVISED -		
PLOT DATE = 2/3/2011		DATE - 2/4/11	REVISED -		

PI AN	DATE
BY	
REVISION	
PROPOSED	
ALIGNED	
CHECKED	
NO. OF	
FILE	
NAME	

PROFILE	DATE
BY	
SURVEYED	
GRADES	
CHECKED	
E.M. NOTED	
STRUCTURE	
NOTATIONS	
OR	
NO.	

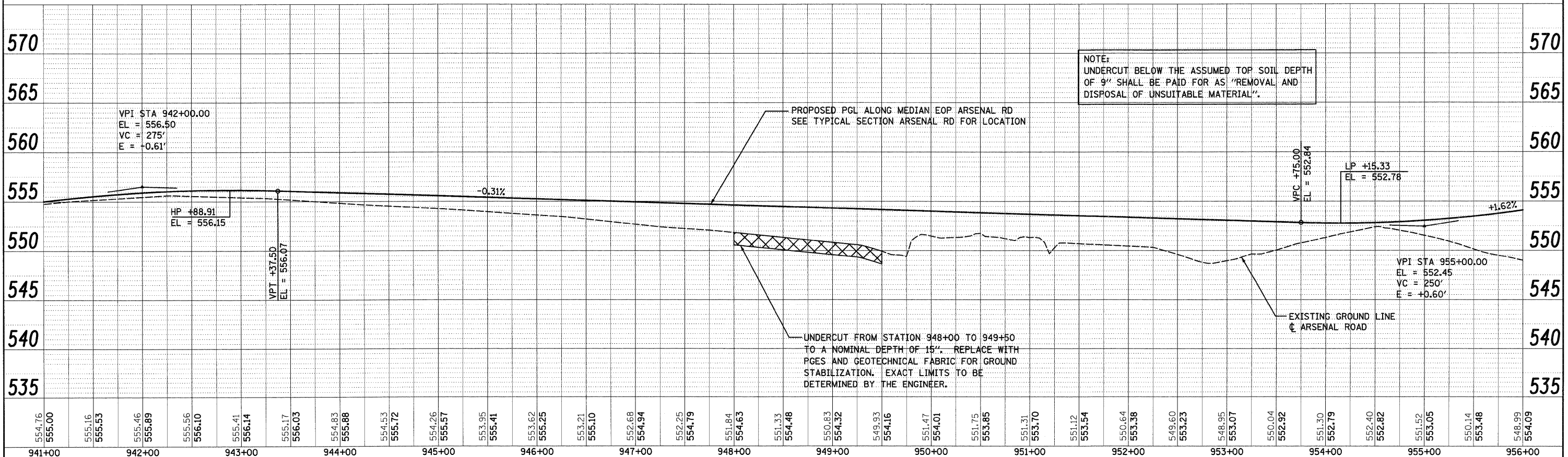
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 130 East Randolph Street, Chicago, Illinois 60601



NOTE:
 UNDERCUT BELOW THE ASSUMED TOP SOIL DEPTH
 OF 9" SHALL BE PAID FOR AS "REMOVAL AND
 DISPOSAL OF UNSUITABLE MATERIAL".

UNDERCUT FROM STATION 928+50 TO 931+50
 TO A NOMINAL DEPTH OF 15". REPLACE WITH
 PGES AND GEOTECHNICAL FABRIC FOR GROUND
 STABILIZATION. EXACT LIMITS TO BE
 DETERMINED BY THE ENGINEER.

UNDERCUT FROM STATION 934+50 TO 936+50
 TO A NOMINAL DEPTH OF 15". REPLACE WITH
 PGES AND GEOTECHNICAL FABRIC FOR GROUND
 STABILIZATION. EXACT LIMITS TO BE
 DETERMINED BY THE ENGINEER.



NOTE:
 UNDERCUT BELOW THE ASSUMED TOP SOIL DEPTH
 OF 9" SHALL BE PAID FOR AS "REMOVAL AND
 DISPOSAL OF UNSUITABLE MATERIAL".

UNDERCUT FROM STATION 948+00 TO 949+50
 TO A NOMINAL DEPTH OF 15". REPLACE WITH
 PGES AND GEOTECHNICAL FABRIC FOR GROUND
 STABILIZATION. EXACT LIMITS TO BE
 DETERMINED BY THE ENGINEER.

FILE NAME =	USER NAME = TKLuegel	DESIGNED - MJT	REVISED -	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D:\60F12-SHT-PROFILE\02.dgn		DRAWN - MJT	REVISED -	55	99-2HB-2B-1	WILL	756	75
PLOT SCALE = 1:50		CHECKED - DLT	REVISED -	CONTRACT NO. 60F12				
PLOT DATE = 2/3/2011		DATE - 2/4/11	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

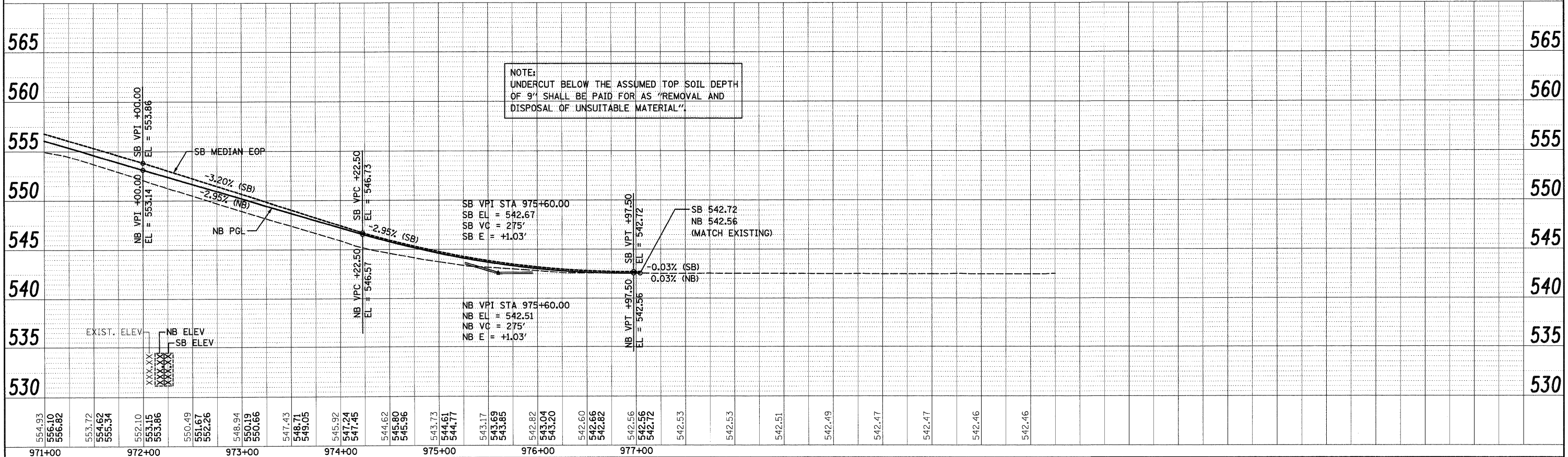
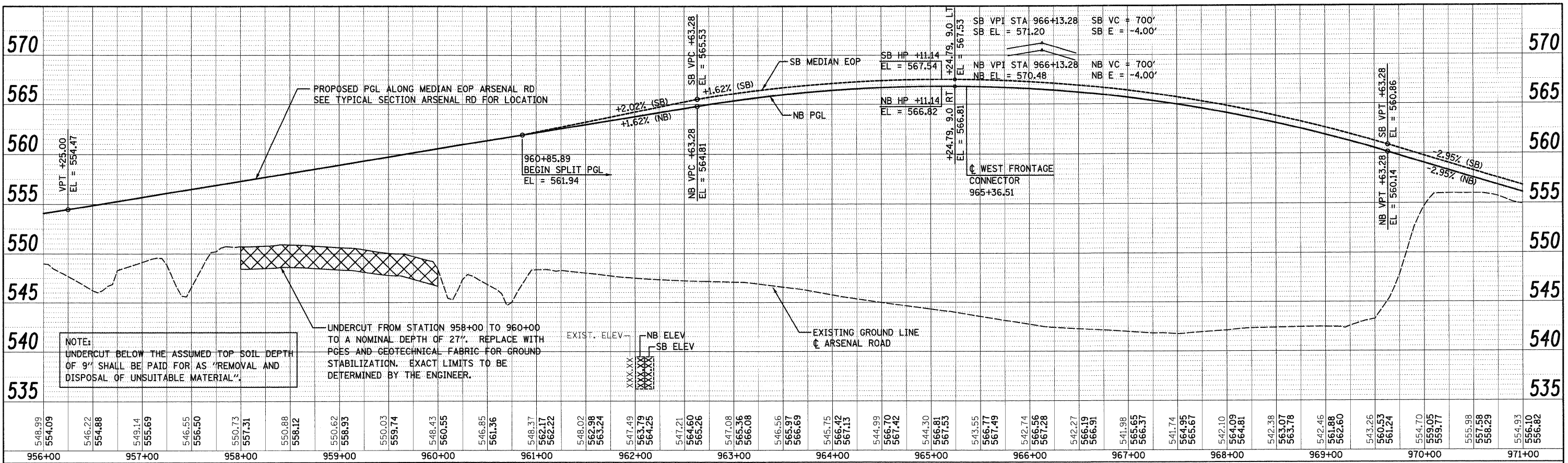
ARSENAL ROAD DRAINAGE PROFILE

SCALE: 1"=50' HORIZ. 1"=5' VERT. SHEET NO. 2 OF 3 SHEETS STA. TO STA.

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED	CHECKED	OF W.A. CHECKED
NO.	NO.	NO.	NO.

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	B.M. NOTED		
	STRUCTURE NOTATIONS CHD		
	NO.		

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FILE NAME = 0168F12-SHT-PROFILE03.dgn
 USER NAME = TKluegel
 PLOT SCALE = 1:50
 PLOT DATE = 2/3/2011

DESIGNED	-	MJT	REVISED	-
DRAWN	-	MJT	REVISED	-
CHECKED	-	DLT	REVISED	-
DATE	-	2/4/11	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ARSENAL ROAD PROFILE

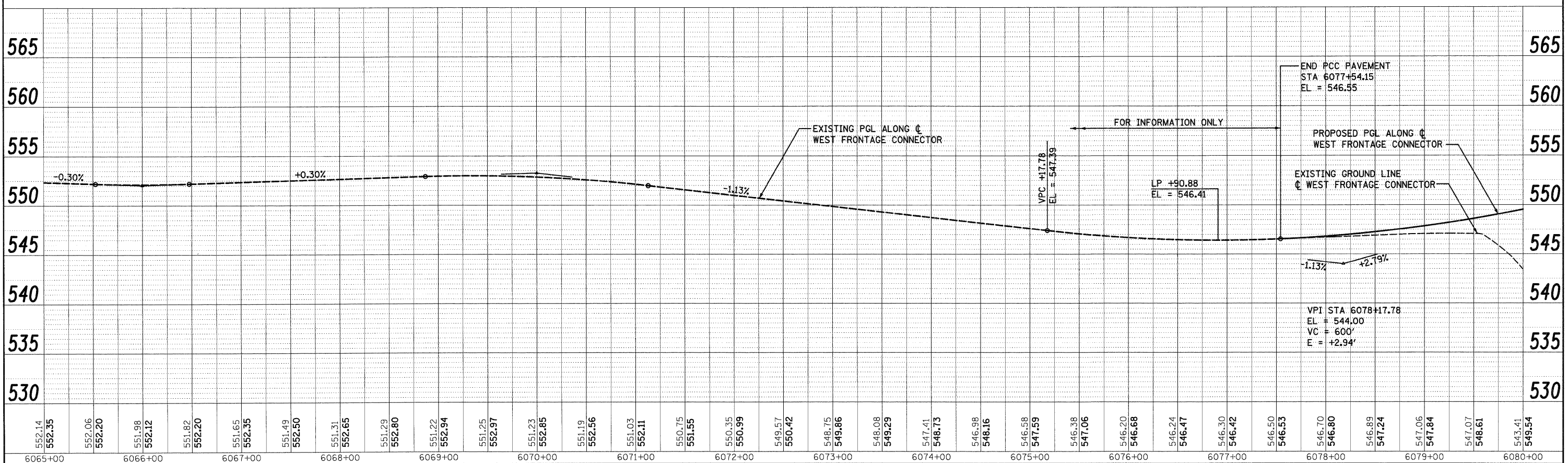
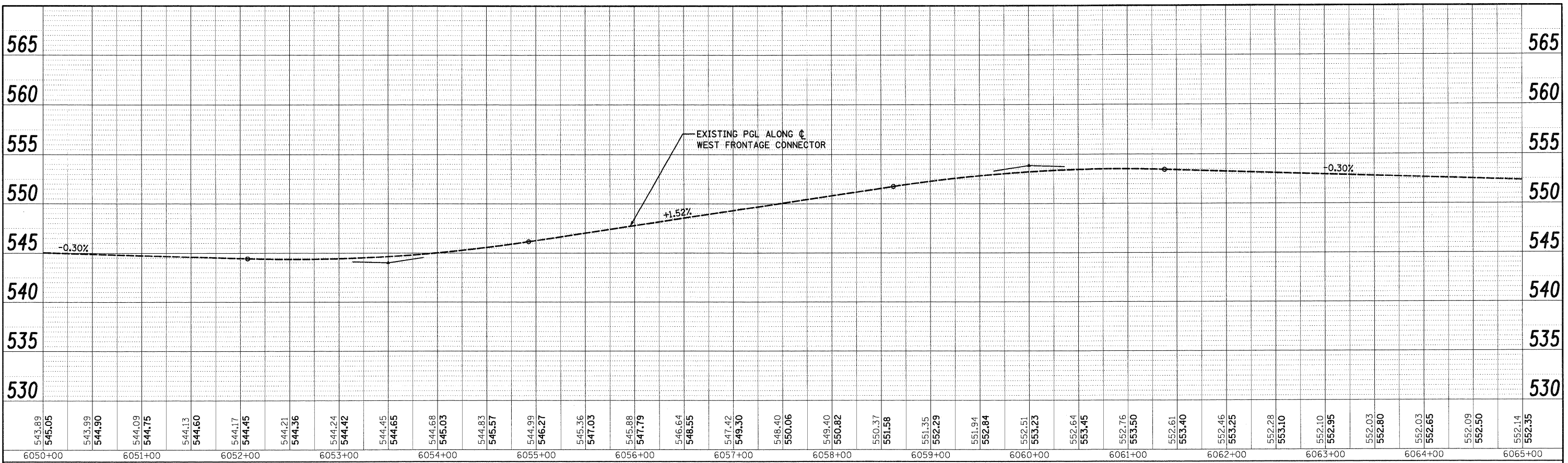
SCALE: 1"=50'H; 1"=5'V SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	76
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

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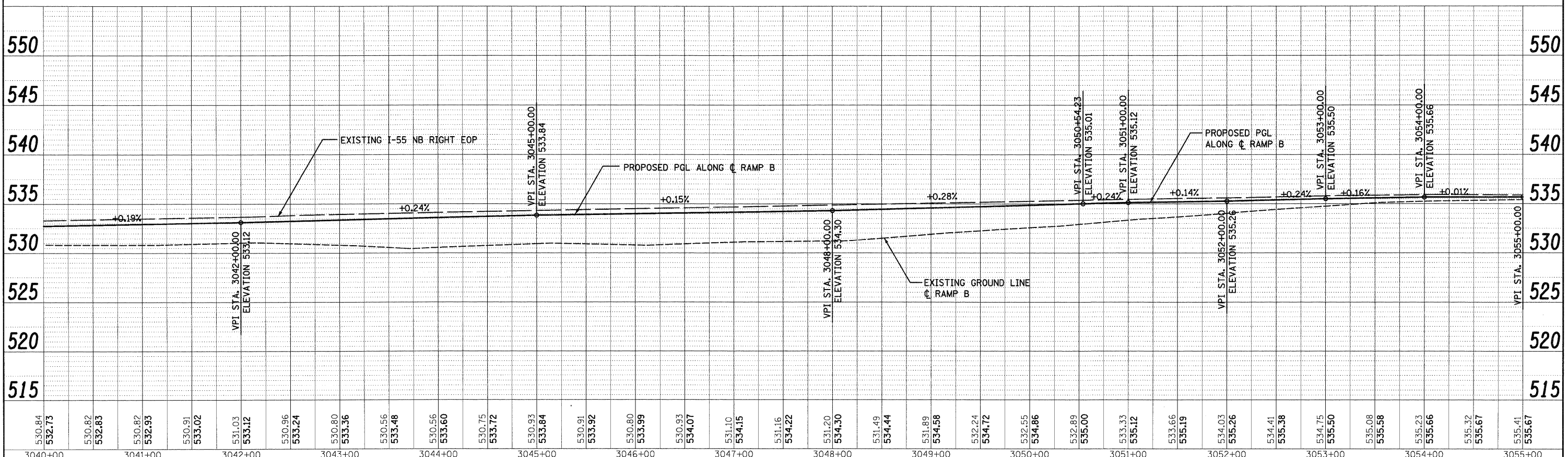
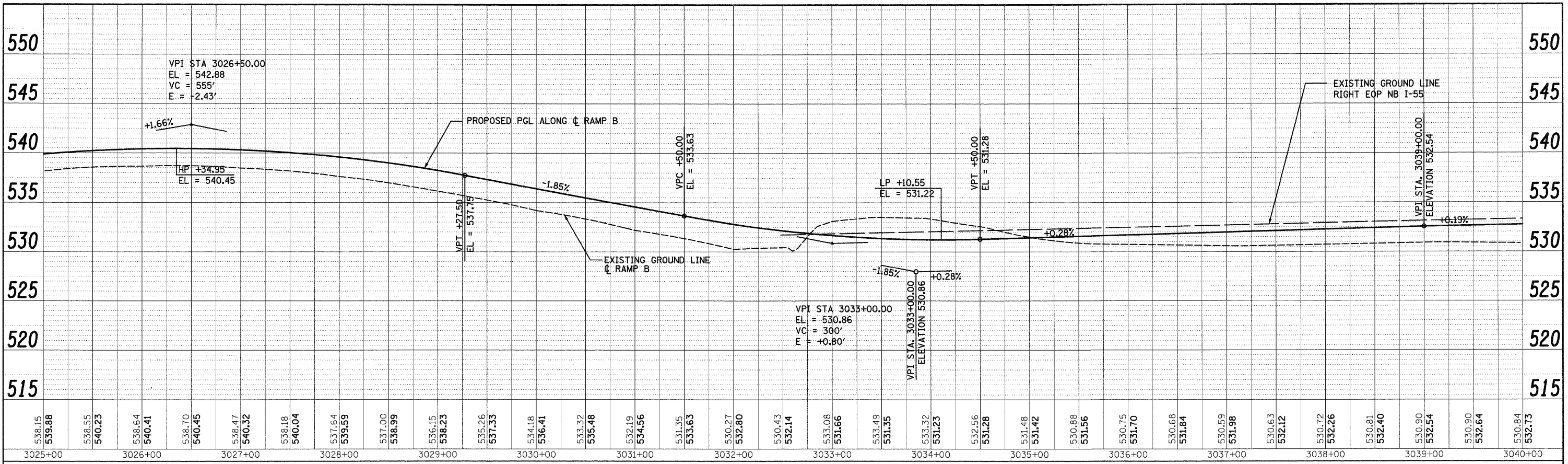


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PLOT SCALE = 1:650	CHECKED - DLT	REVISED -	SCALE: 1"=50'H/1"=5'V		SHEET NO. 3 OF 4 SHEETS	STA. TO STA.	CONTRACT NO. 60F12					
PLOT DATE = 2/3/2011	DATE = 2/4/11	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT									
PF-4												

PI AN	DATE
NO.	BY
NO.	DATE
NO.	DATE
NO.	DATE

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

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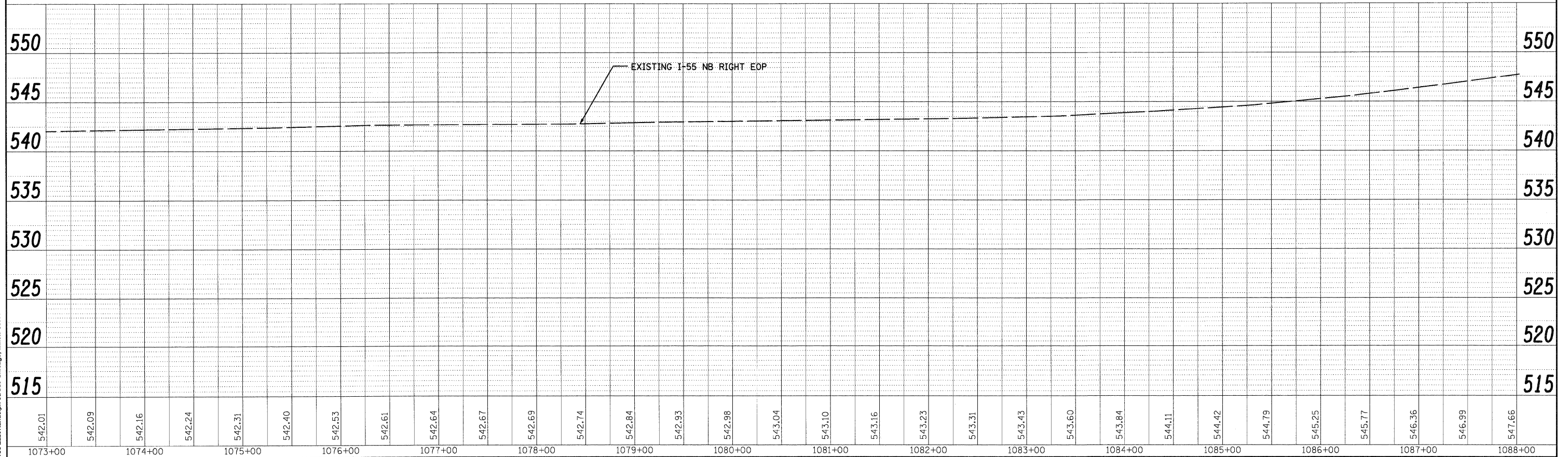
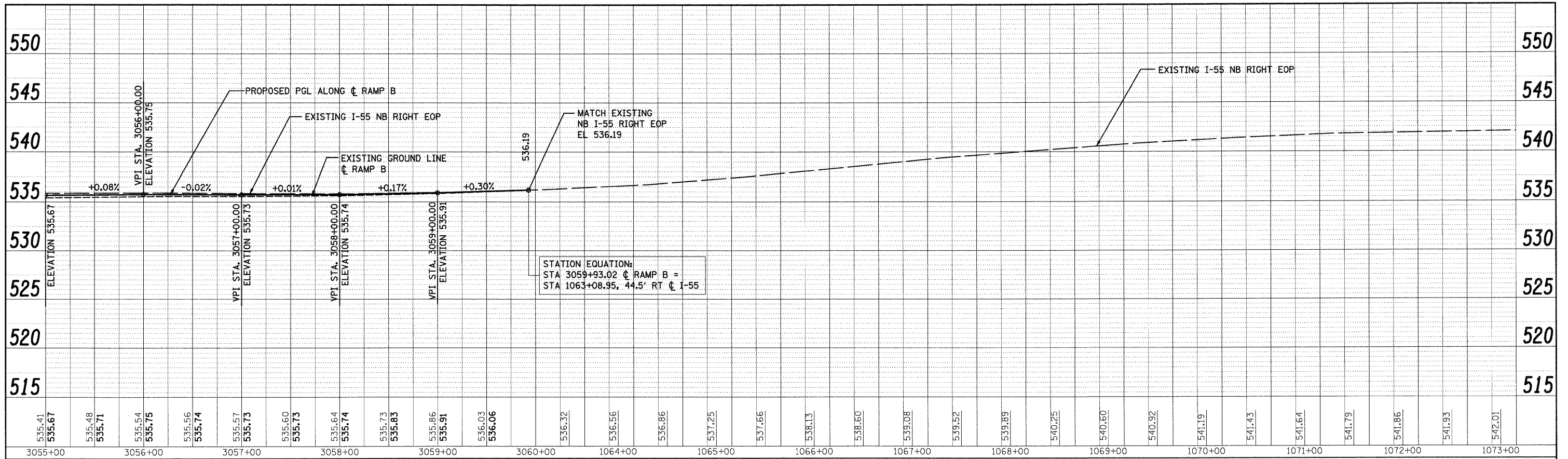


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PLOT SCALE = 1/8"=1'-0"	CHECKED - DLT	REVISED -	REVISED -			CONTRACT NO. 60F12				
PLOT DATE = 2/3/2011	DATE = 2/4/11	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALES: 1"=50'H; 1/4"=5' V		SHEET NO. 2 OF 3 SHEETS				STA.	TO STA.			

PLAN	DESIGNED	BY	DATE
NO.	NO.		
	NOTED		
	CHECKED		
	DATE		

PROFILE	DESIGNED	BY	DATE
NO.	NO.		
	NOTED		
	CHECKED		
	DATE		

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 730 East Randolph Street Chicago, Illinois 60601

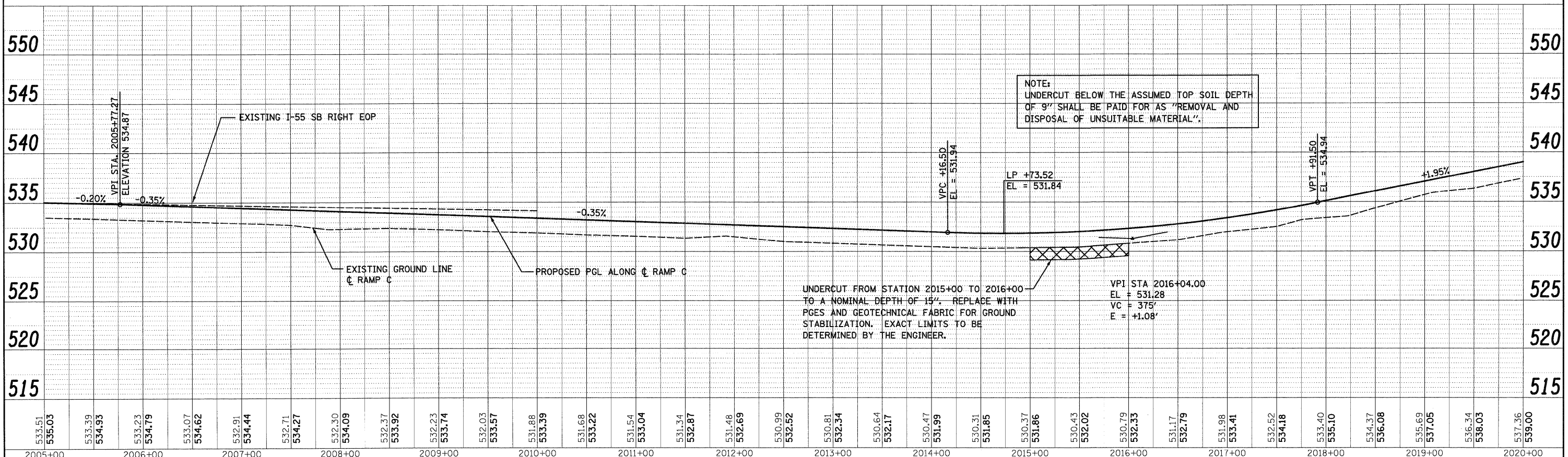


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PLOT SCALE = 1/8"=1'		CHECKED - DLT	REVISED -			CONTRACT NO. 60F12					
PLOT DATE = 2/3/2011		DATE - 2/4/11	REVISED -			SCALE: 1"=50'H; 1/4"=5' V SHEET NO. 3 OF 3 SHEETS STA. TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	BY	DATE
NOTE BOOK	CHECKED		
NO.	FILE NAME		

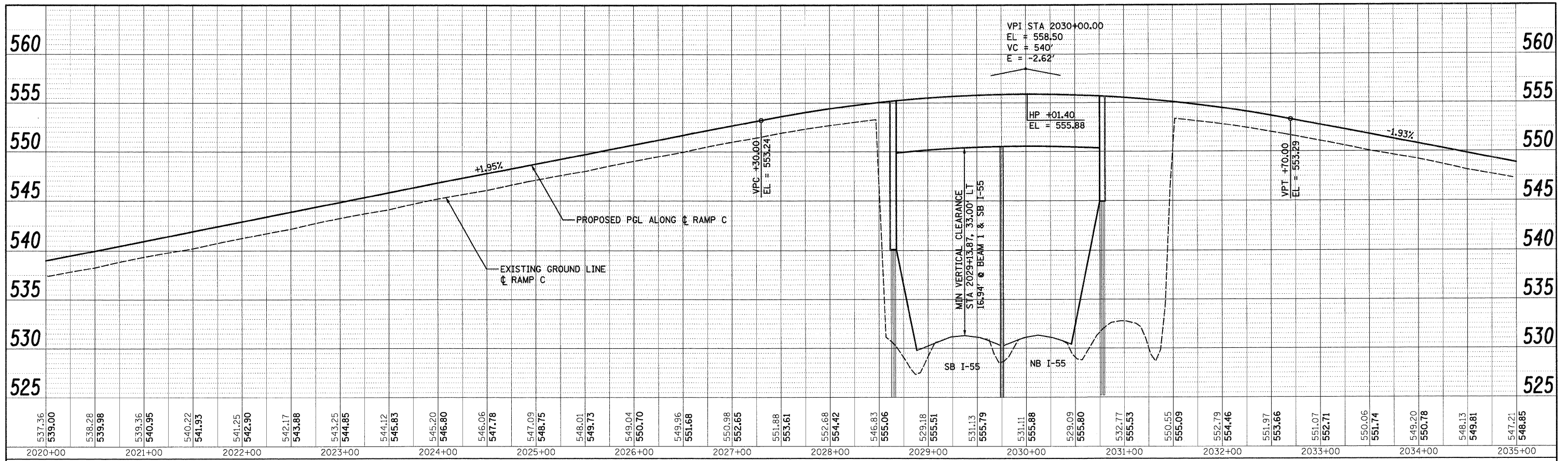
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NOTE BOOK	CHECKED		
NO.	FILE NAME		

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

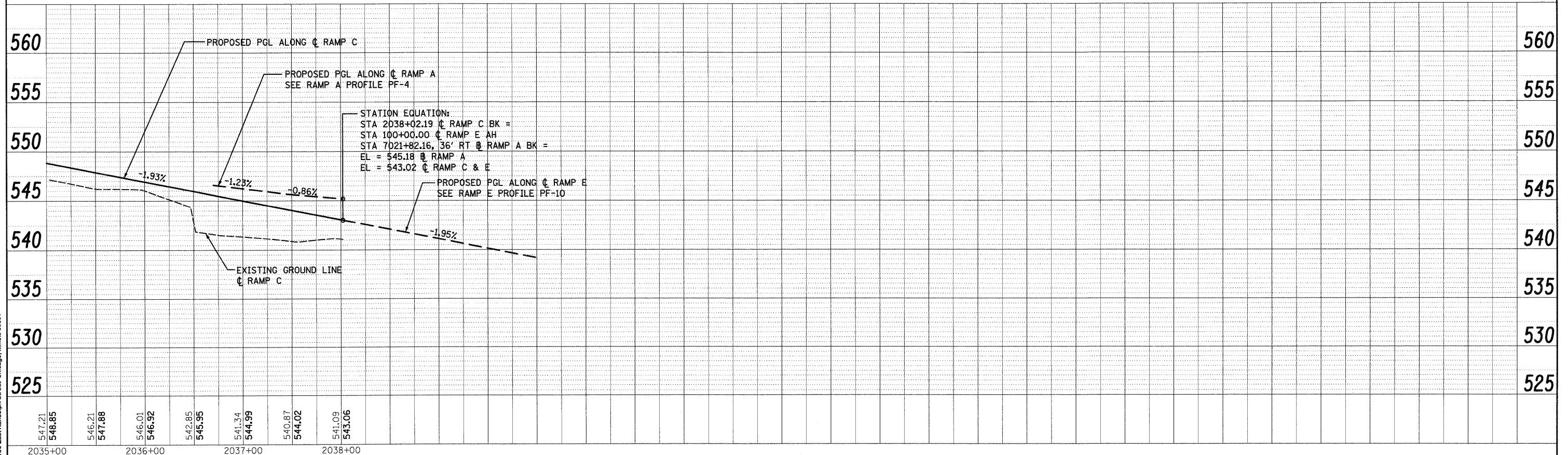


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PLOT SCALE = 1/8" = 1'	CHECKED - DLT	REVISOR -	DATE = 2/3/2011			SCALE: H=50' V=5' SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 60F12				
PLOT DATE = 2/3/2011	DATE = 2/4/11	REVISOR -	REVISOR -			ILLINOIS FED. AID PROJECT						

PLAN	DATE
NO.	
CHECKED	BY
ALIGNED	
NOTED	
FILE NAME	



PROFILE	DATE
NO.	
CHECKED	BY
GRADES	
NOTED	
STRUCTURE	
NOTATIONS	
ORVD	



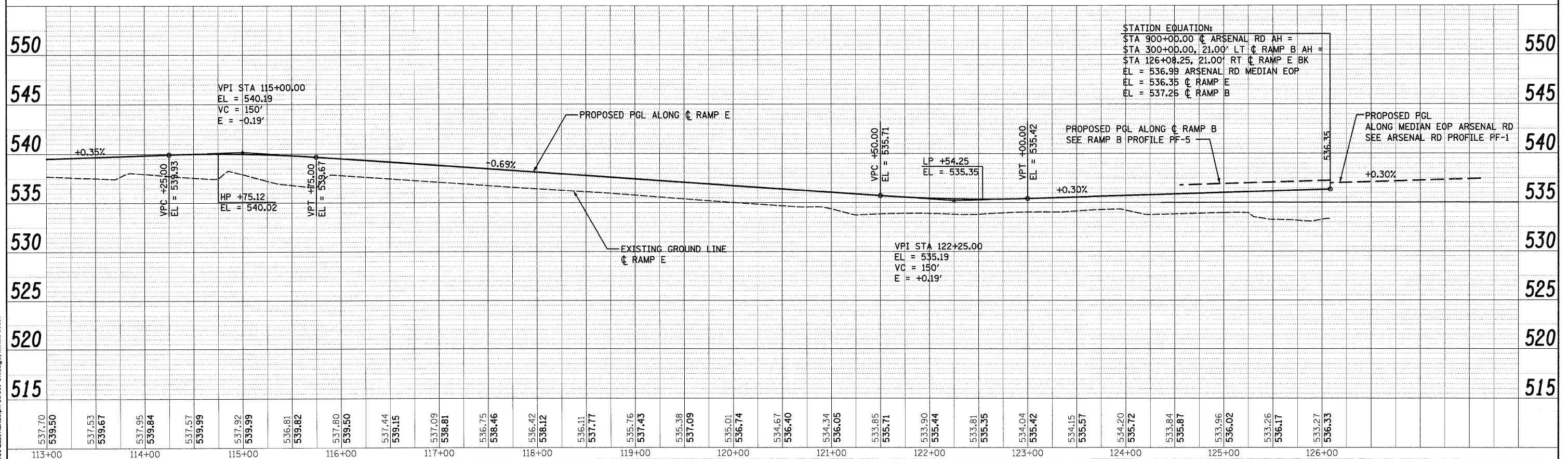
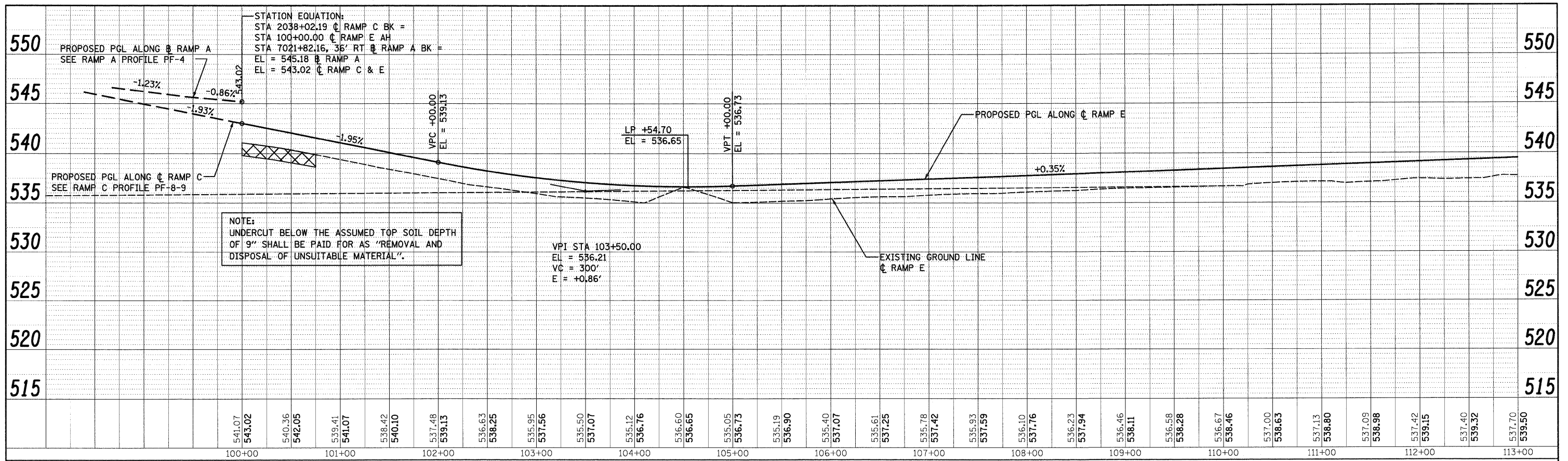
McDonough Associates Inc.
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PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
PLOT DATE = 2/3/2011	DATE - 2/4/11	REVISED -	REVISED -			SCALE: 1"=50' H: 1"=5' V SHEET NO. 2 OF 2 SHEETS STA. TO STA.						

PLAN	NO.	BY	DATE
NO.			
NO.			
NO.			

PROFILE	NO.	BY	DATE
NO.			
NO.			
NO.			

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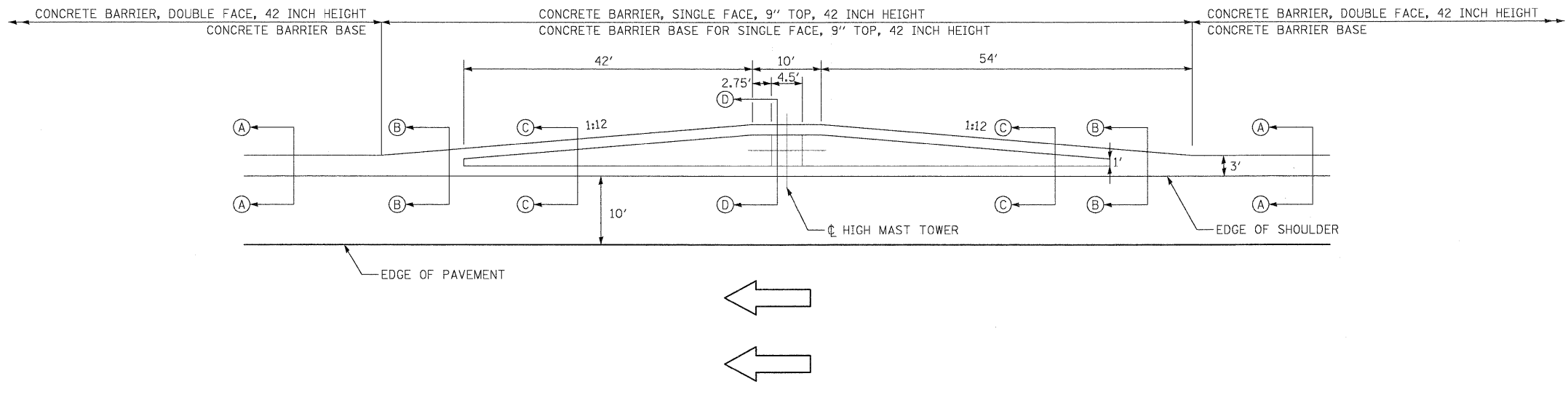
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DESIGNED - MJT	REVISED -
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DATE = 2/4/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

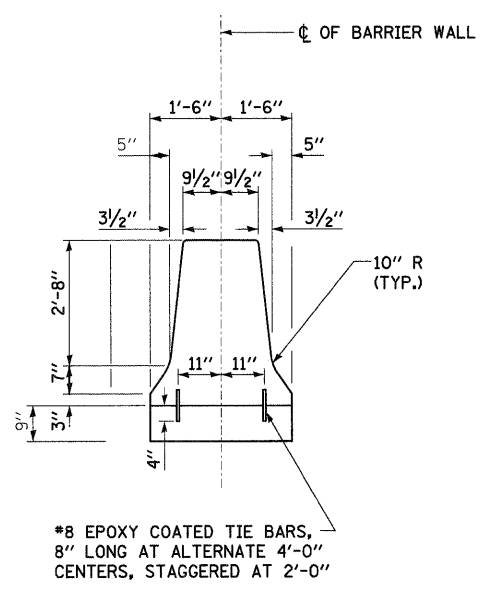
RAMP E PROFILE

SCALED "1"=50' H "1"=5' V SHEET NO. 1 OF 1 SHEETS STA. TO STA.

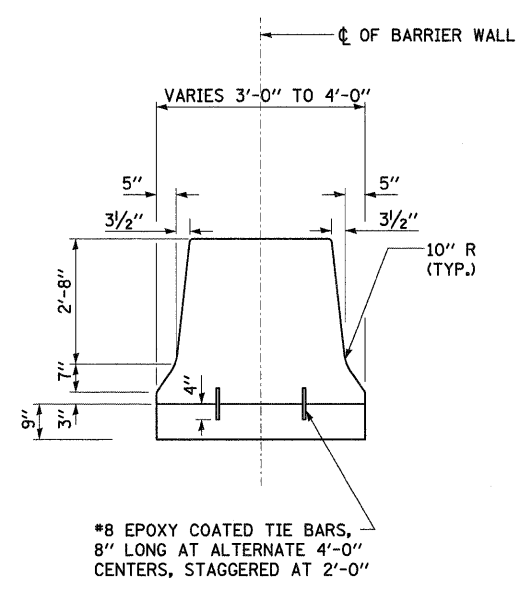
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	85
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



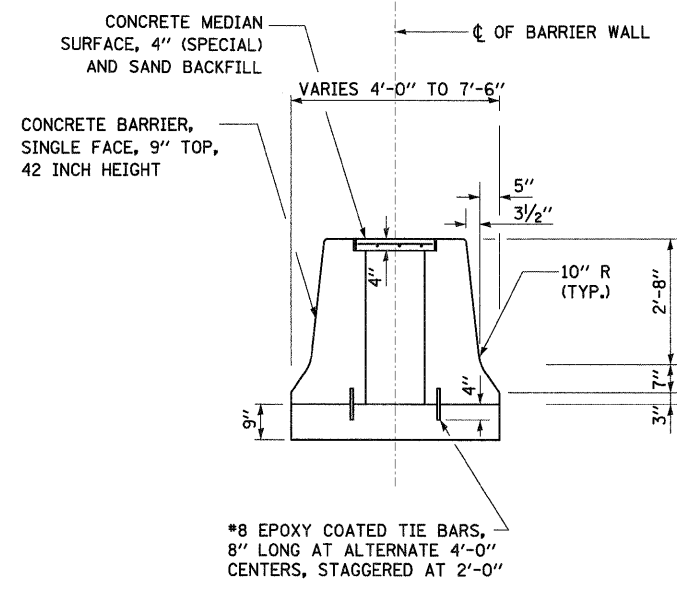
NOTE:
BARRIER TRANSITION CENTERED ON HIGH MAST TOWER FOUNDATION.



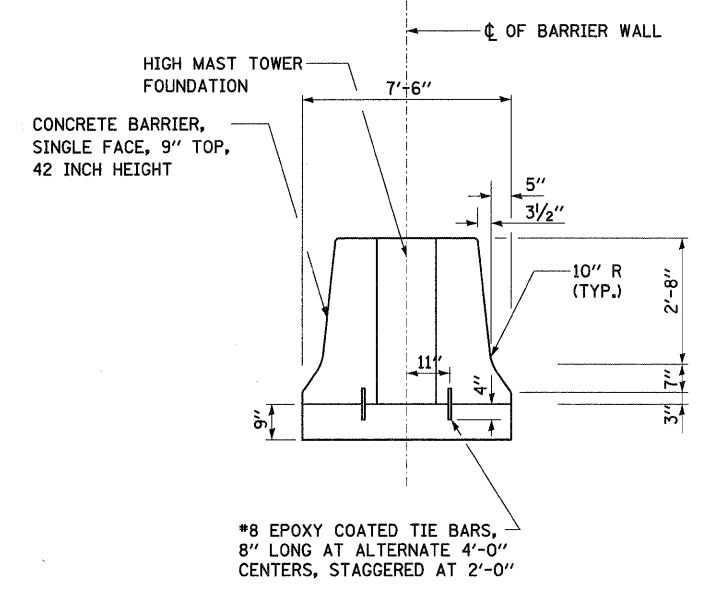
SECTION A-A



SECTION B-B



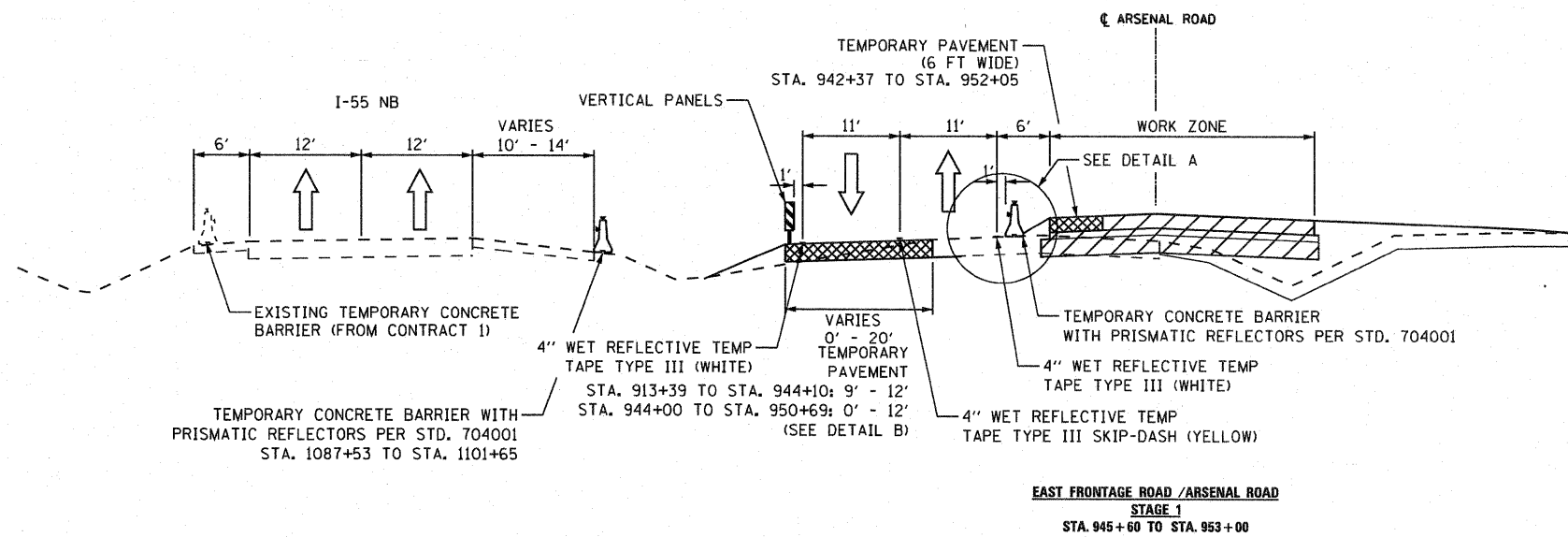
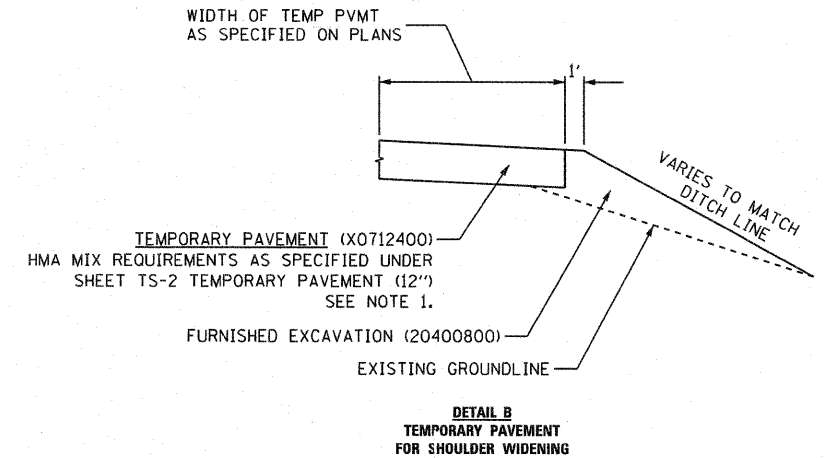
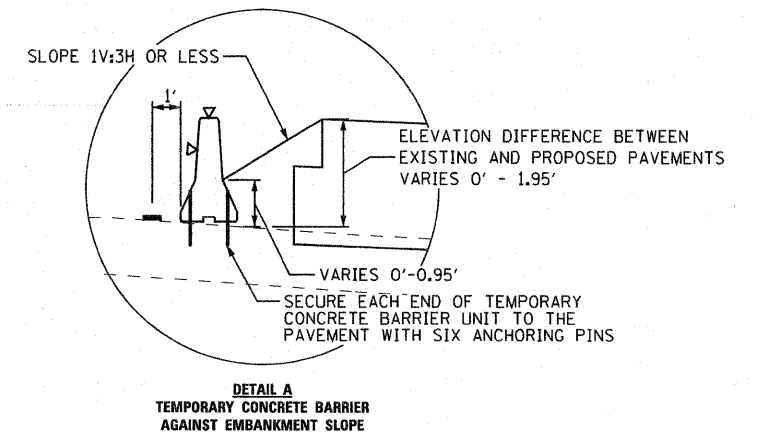
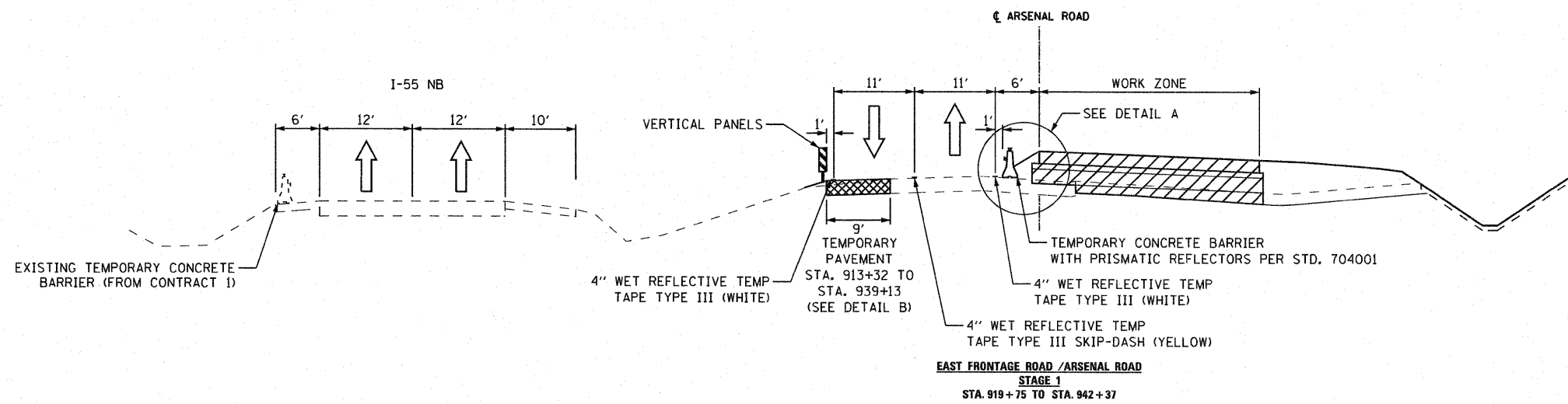
SECTION C-C



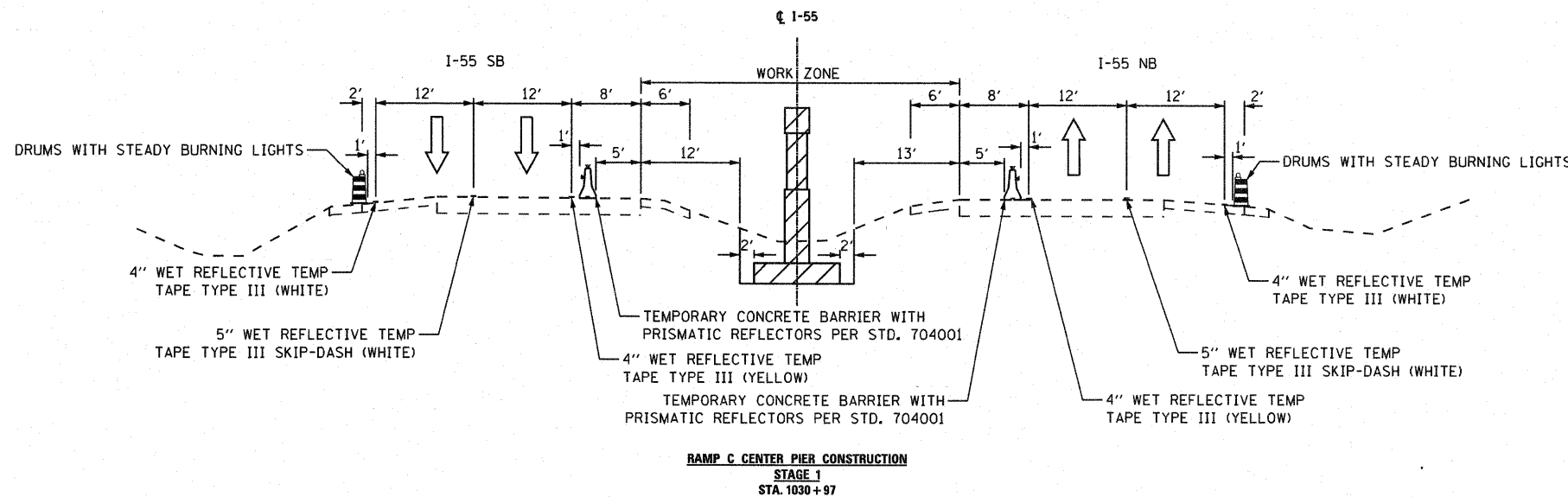
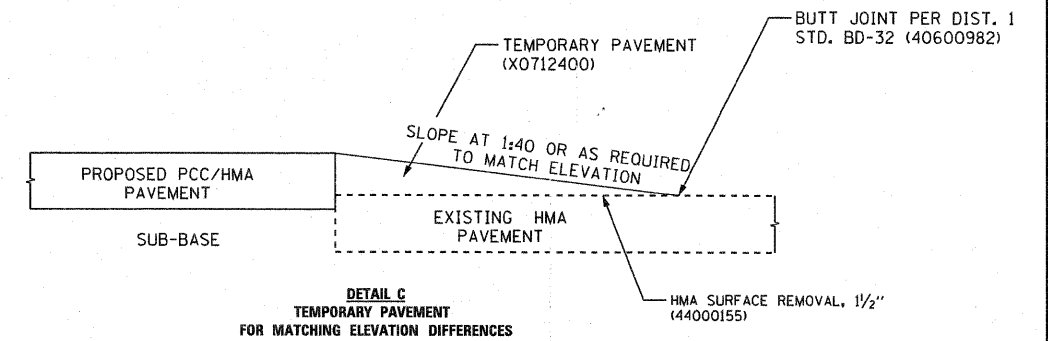
SECTION D-D

McDonough Associates Inc.
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 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\60\F12-SHT-DETAILS-BARRIER.dgn	USER NAME = TKLegal1	DESIGNED - BKB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BARRIER TRANSITION AT HIGH MAST TOWER DETAIL	F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 86			
	PLOT SCALE = 1:10.0001	CHECKED - MJL	REVISED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60F12			
	PLOT DATE = 2/3/2011	DATE - 2/4/11	REVISED -			REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



NOTE 1. THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING 10" PCC PAVEMENT OR 12" HMA PAVEMENT AS TEMPORARY PAVEMENT.



LEGEND

	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT

EJM ENGINEERING, INC.
411 South Wells Street Suite 800
Chicago, Illinois 60607



FILE NAME =	USER NAME = gra1	DESIGNED - GR	REVISED -
...\\D160F12-SHT-STAGING02.dgn		DRAWN - GR	REVISED -
		CHECKED - RY	REVISED -
		DATE - 02/04/2011	REVISED -

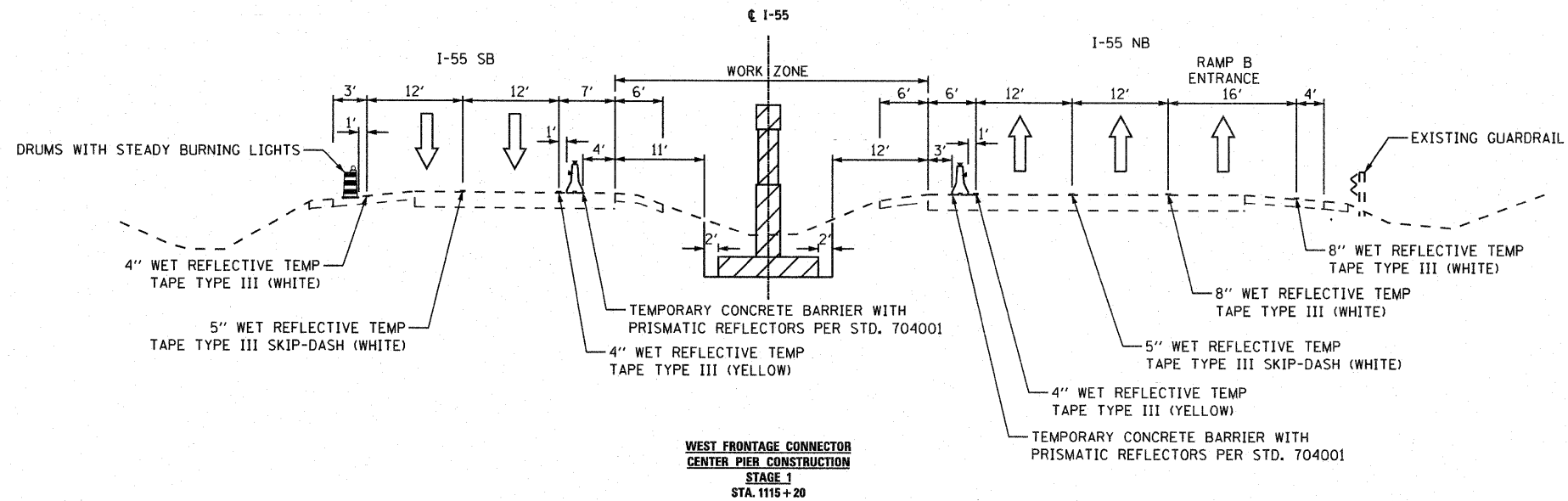
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

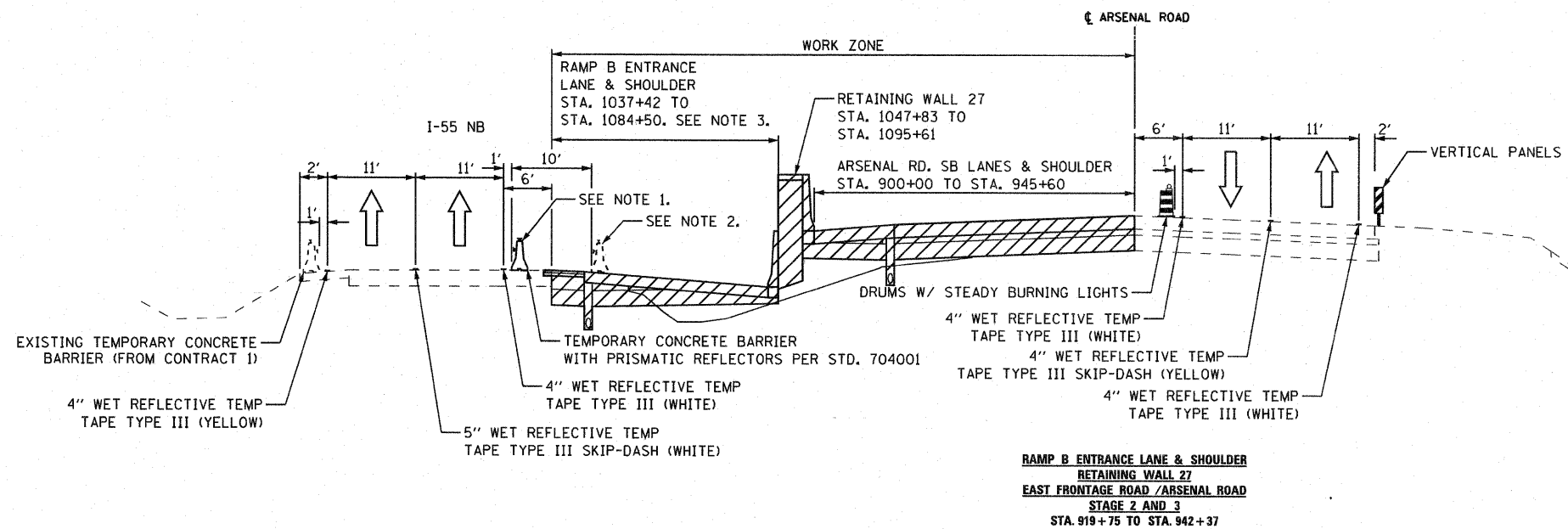
SCALE: NONE SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	88
CONTRACT NO. 60F12			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

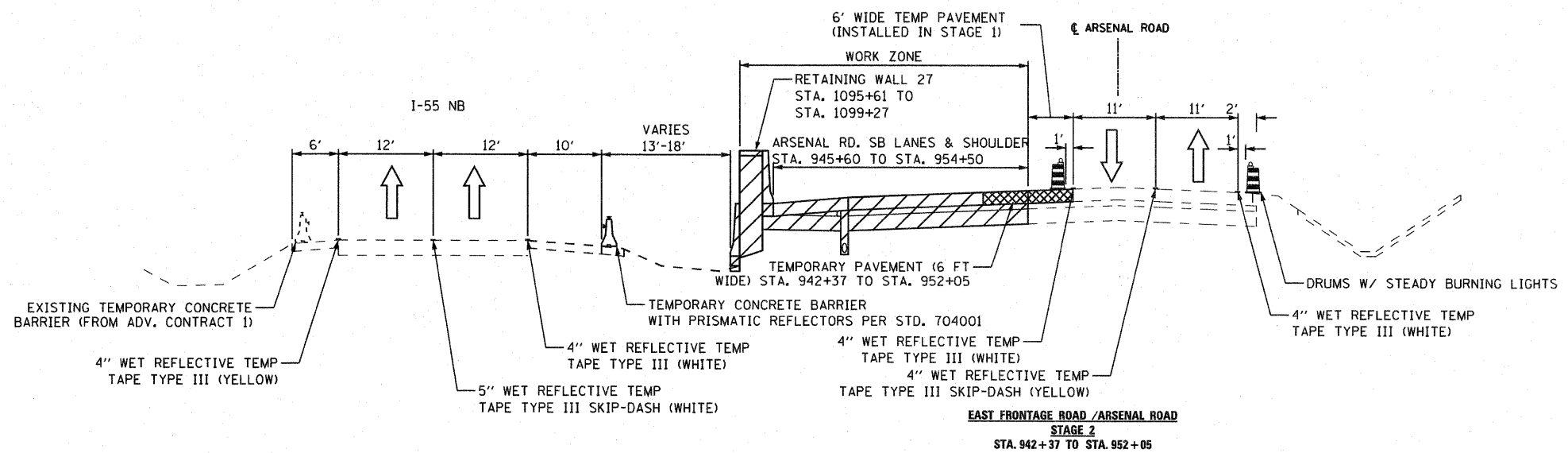
FINAL



**WEST FRONTAGE CONNECTOR
CENTER PIER CONSTRUCTION
STAGE 1
STA. 1115+20**



**RAMP B ENTRANCE LANE & SHOULDER
RETAINING WALL 27
EAST FRONTAGE ROAD / ARSENAL ROAD
STAGE 2 AND 3
STA. 919+75 TO STA. 942+37**



**EAST FRONTAGE ROAD / ARSENAL ROAD
STAGE 2
STA. 942+37 TO STA. 952+05**

NOTES:

1. TEMPORARY CONCRETE BARRIER FOR CONSTRUCTION STAGING PRIOR TO NOVEMBER 15, 2011 AND AFTER MARCH 18, 2012.
2. TEMPORARY CONCRETE BARRIER FOR CONSTRUCTION STAGING DURING WINTER SHUTDOWN FROM NOVEMBER 15, 2011 TO MARCH 18, 2012. CONTRACTOR SHALL STAGE CONSTRUCTION TO ENSURE THAT BARRIER IS LOCATED ON EXISTING SHOULDER PAVEMENT OR COMPLETED PROPOSED PAVEMENT. RELOCATION OF TEMPORARY CONCRETE BARRIER AT THE BEGINNING AND END OF WINTER SHUTDOWN SHALL BE PAID AT THE CONTRACT UNIT PRICE FOR RELOCATE TEMPORARY CONCRETE BARRIER.
3. RAMP B ENTRANCE LANE AND SHOULDER CONSTRUCTION STAGE 2: COMPLETE CONSTRUCTION FROM STA. 1037+42 TO STA. 1050+00. STAGE 3: CONTINUE CONSTRUCTION FROM STA. 1050+00 TO STA. 1084+50

LEGEND

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT

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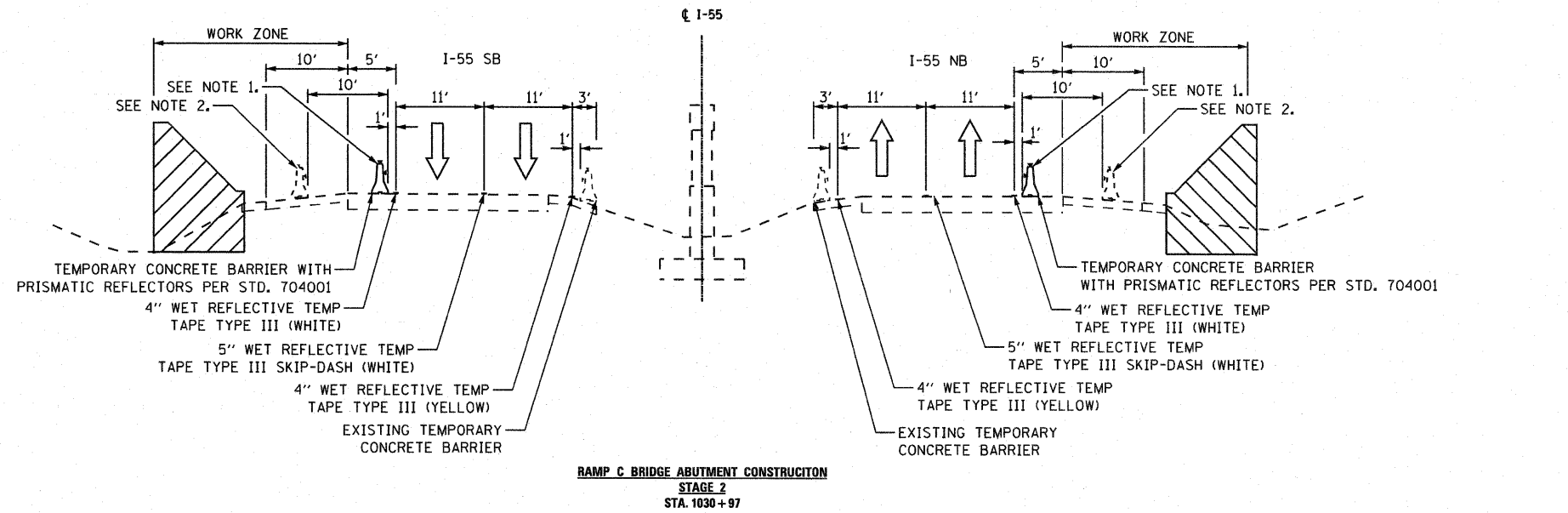
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

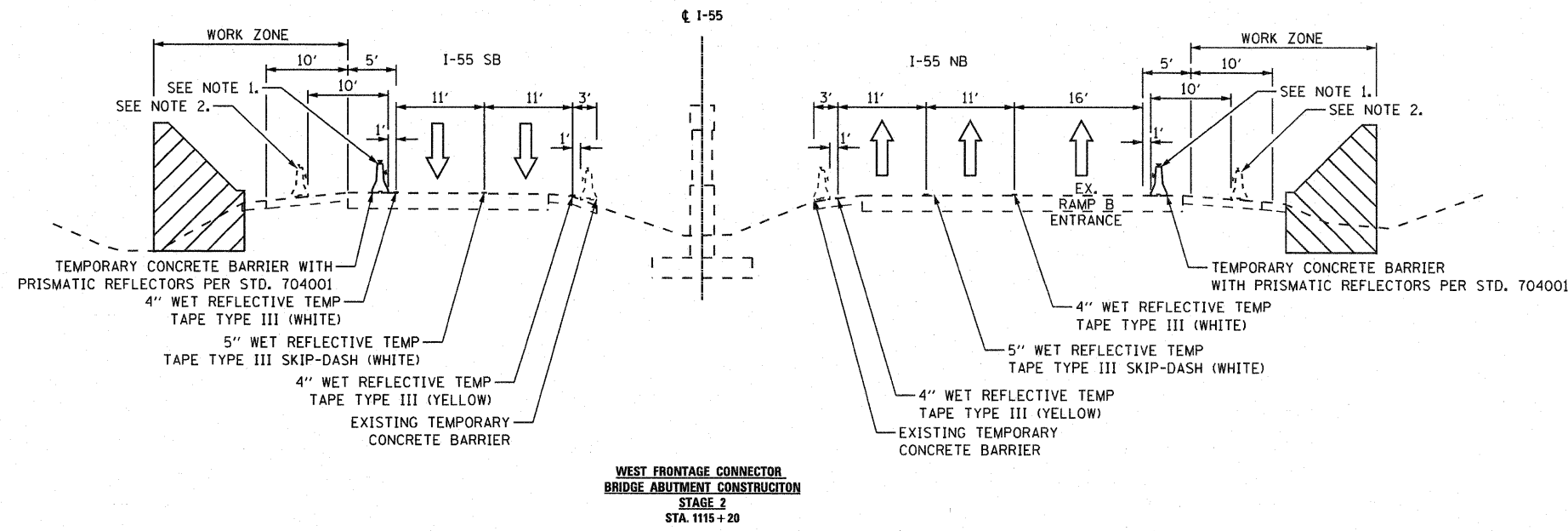
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS	
SCALE: NONE	SHEET NO. 2 OF 4 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

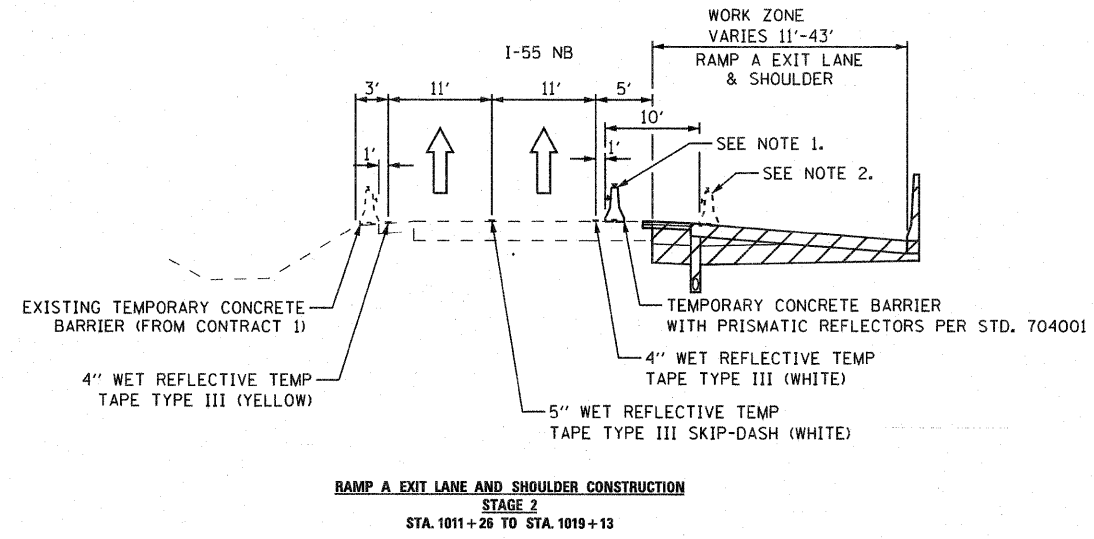
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 Chicago, Illinois 60607



RAMP C BRIDGE ABUTMENT CONSTRUCTION
 STAGE 2
 STA. 1030+97



WEST FRONTAGE CONNECTOR
BRIDGE ABUTMENT CONSTRUCTION
 STAGE 2
 STA. 1115+20



RAMP A EXIT LANE AND SHOULDER CONSTRUCTION
 STAGE 2
 STA. 1011+26 TO STA. 1019+13

NOTES:

1. TEMPORARY CONCRETE BARRIER FOR CONSTRUCTION STAGING PRIOR TO NOVEMBER 15, 2011 AND AFTER MARCH 18, 2012.
2. TEMPORARY CONCRETE BARRIER FOR CONSTRUCTION STAGING DURING WINTER SHUTDOWN FROM NOVEMBER 15, 2011 TO MARCH 18, 2012. CONTRACTOR SHALL STAGE CONSTRUCTION TO ENSURE THAT BARRIER IS LOCATED ON EXISTING SHOULDER PAVEMENT OR COMPLETED PROPOSED PAVEMENT. RELOCATION OF TEMPORARY CONCRETE BARRIER AT THE BEGINNING AND END OF WINTER SHUTDOWN SHALL BE PAID AT THE CONTRACT UNIT PRICE FOR RELOCATE TEMPORARY CONCRETE BARRIER.

LEGEND

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT

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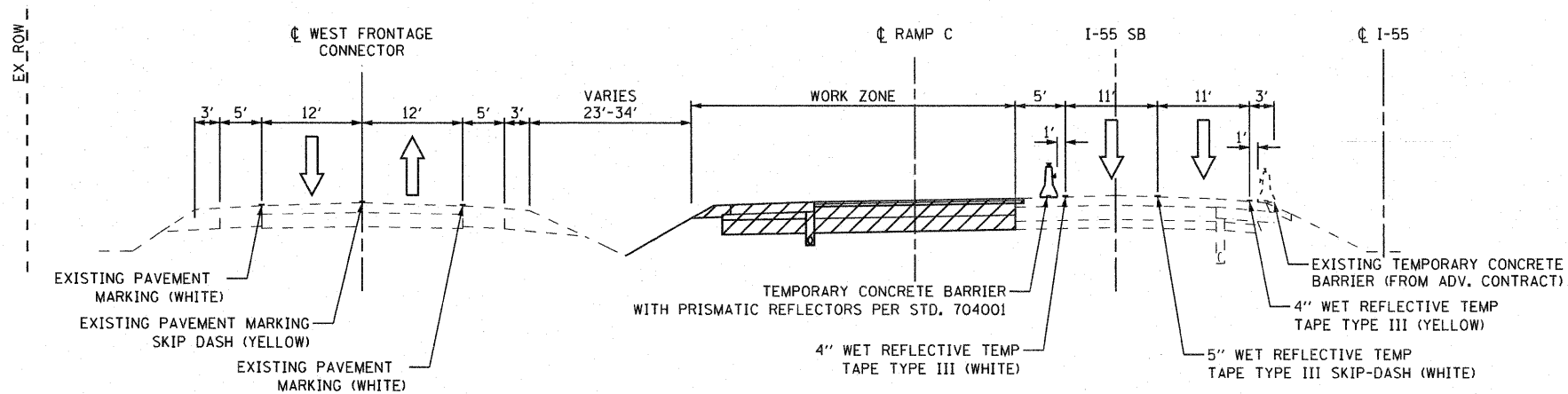
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

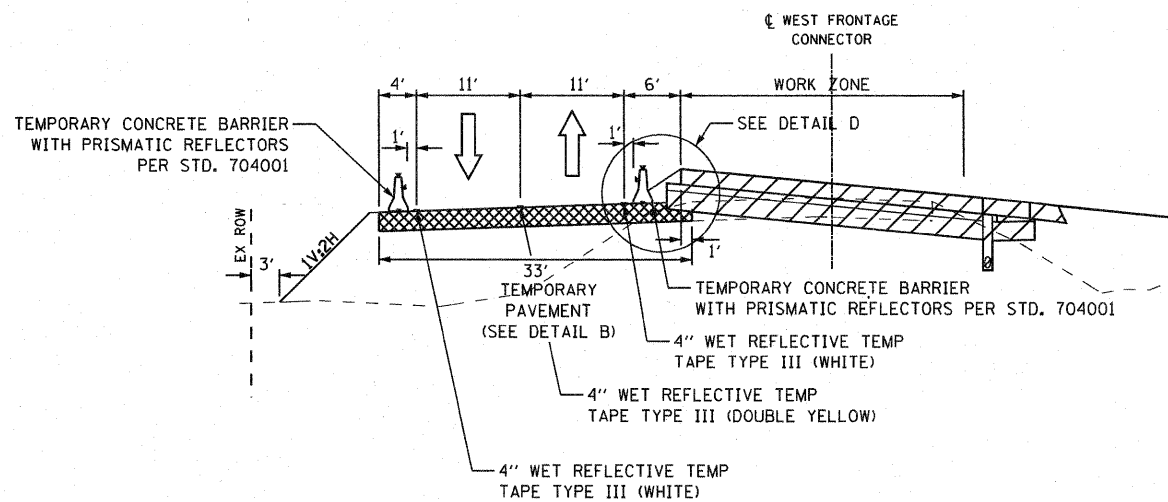
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F12	

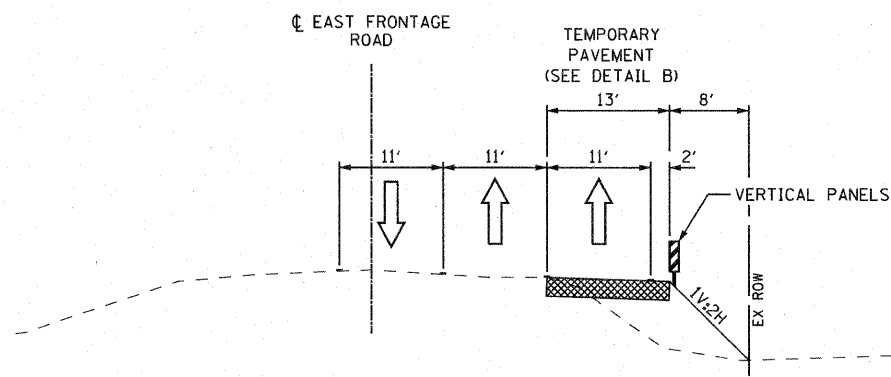
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 Chicago, Illinois 60607



RAMP C EXIT LANE & SHOULDER
STAGE 3
 I-55: STA. 1052+50 TO STA. 1077+78



WEST FRONTAGE CONNECTOR
(TEMPORARY RUNAROUND)
STAGE 4



EAST FRONTAGE ROAD
STAGE 4B

LEGEND

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT

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STATE OF ILLINOIS
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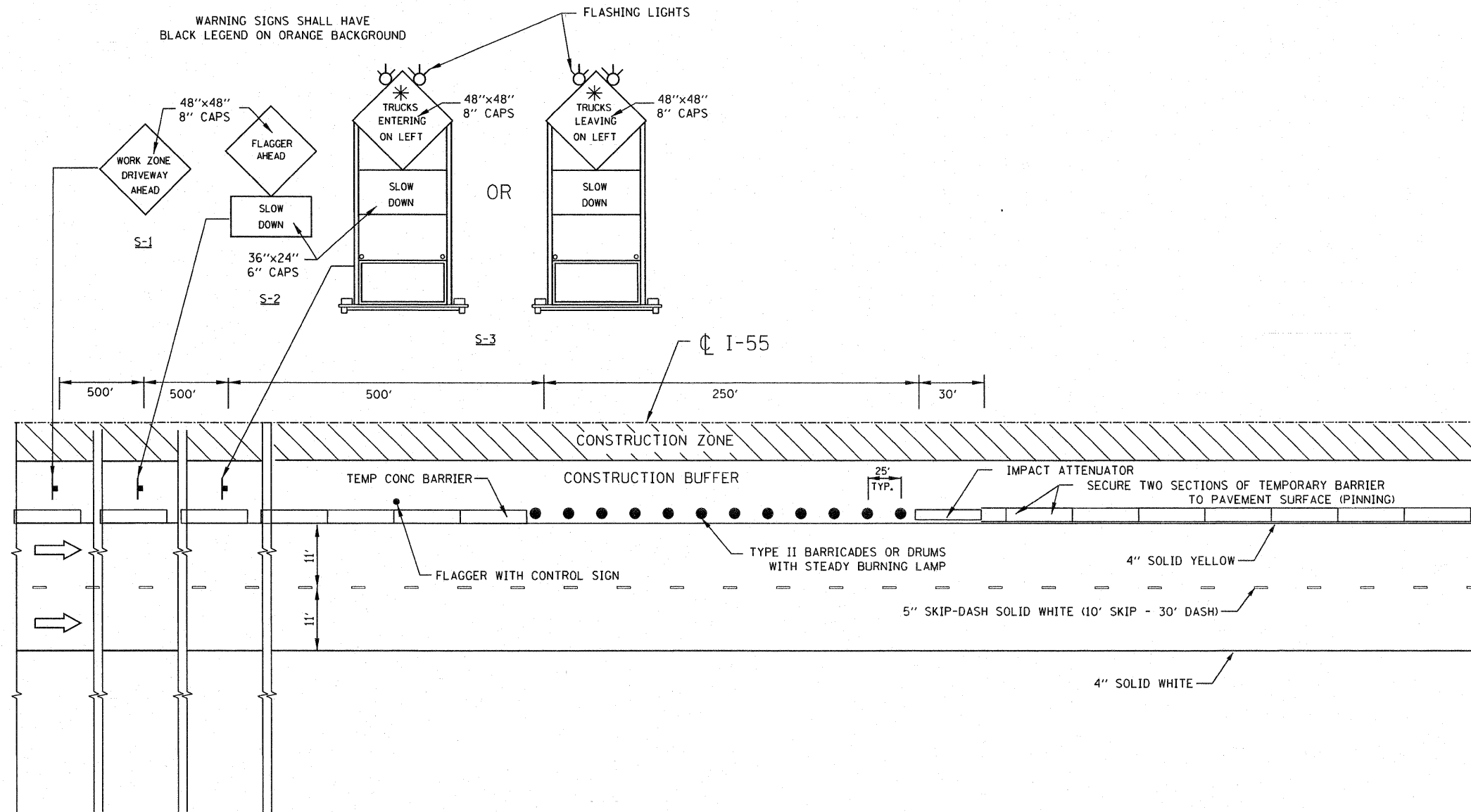
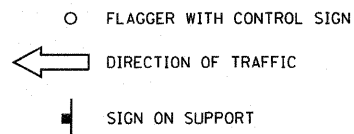
MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SCALE: NONE SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	91
CONTRACT NO. 60F12			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

FINAL

**MAINTENANCE OF TRAFFIC
 LEGEND AND SYMBOLS**



NOTES

- THIS DETAIL SHALL BE USED FOR CONTRACTOR ACCESS TO/FROM WORK ZONES PROTECTED BY TEMPORARY CONCRETE BARRIERS. DISTRICT 1 STANDARD TC-18 SHALL BE USED FOR WORK ZONE ACCESS AT ALL OTHER LOCATIONS.
- SIGN S-3 SHALL INDICATE "TRUCKS ENTERING" OR "TRUCKS LEAVING" AS APPLICABLE TO THE ADJACENT WORK ZONE ACCESS.
- THE "FLAGGER AHEAD" AND "TRUCKS ENTERING ON LEFT/RIGHT" SIGNS SHALL BE MOVED OR TURNED AWAY FROM TRAFFIC WHEN THE FLAGGING OPERATION CEASES.
- WORK ZONE ACCESS OPENINGS SHALL BE LIMITED TO STAGE I FOR PIER CONSTRUCTION. FINAL LOCATION(S) ARE DESIGNATED IN THE PLANS AND SUBJECT TO APPROVAL BY THE ENGINEER.
- MAXIMUM SLOPE IN CONSTRUCTION BUFFER AREA SHALL NOT EXCEED 3:1.
- EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE ACCESS OPENING WILL BE PROHIBITED.
- ALL VEHICLES SHALL ENTER THE WORK ZONE AT THESE OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS.
- INSTALL A MINIMUM OF 8 TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LAMP AT 25 FOOT SPACING WHEN WORK IS NOT BEING PERFORMED AT THE SITE AND CONTRACTOR ACCESS IS NOT REQUIRED.
- THE IMPACT ATTENUATOR ATTACHED THE TEMPORARY CONCRETE BARRIER AS SHOWN IN THE DETAIL SHALL BE A SEVERE-USE, NARROW, TEST LEVEL 3 IMPACT ATTENUATOR.
- THE INSTALLATION AND MAINTENANCE OF THE IMPACT ATTENUATOR ASSEMBLY SHALL FOLLOW ALL THE MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION AND MAINTENANCE OF THE SYSTEM. ALL MATERIAL SPECIFICATIONS MADE BY THE MANUFACTURER SHALL BE FOLLOW INCLUDING ANY ATTACHMENT HARDWARE.

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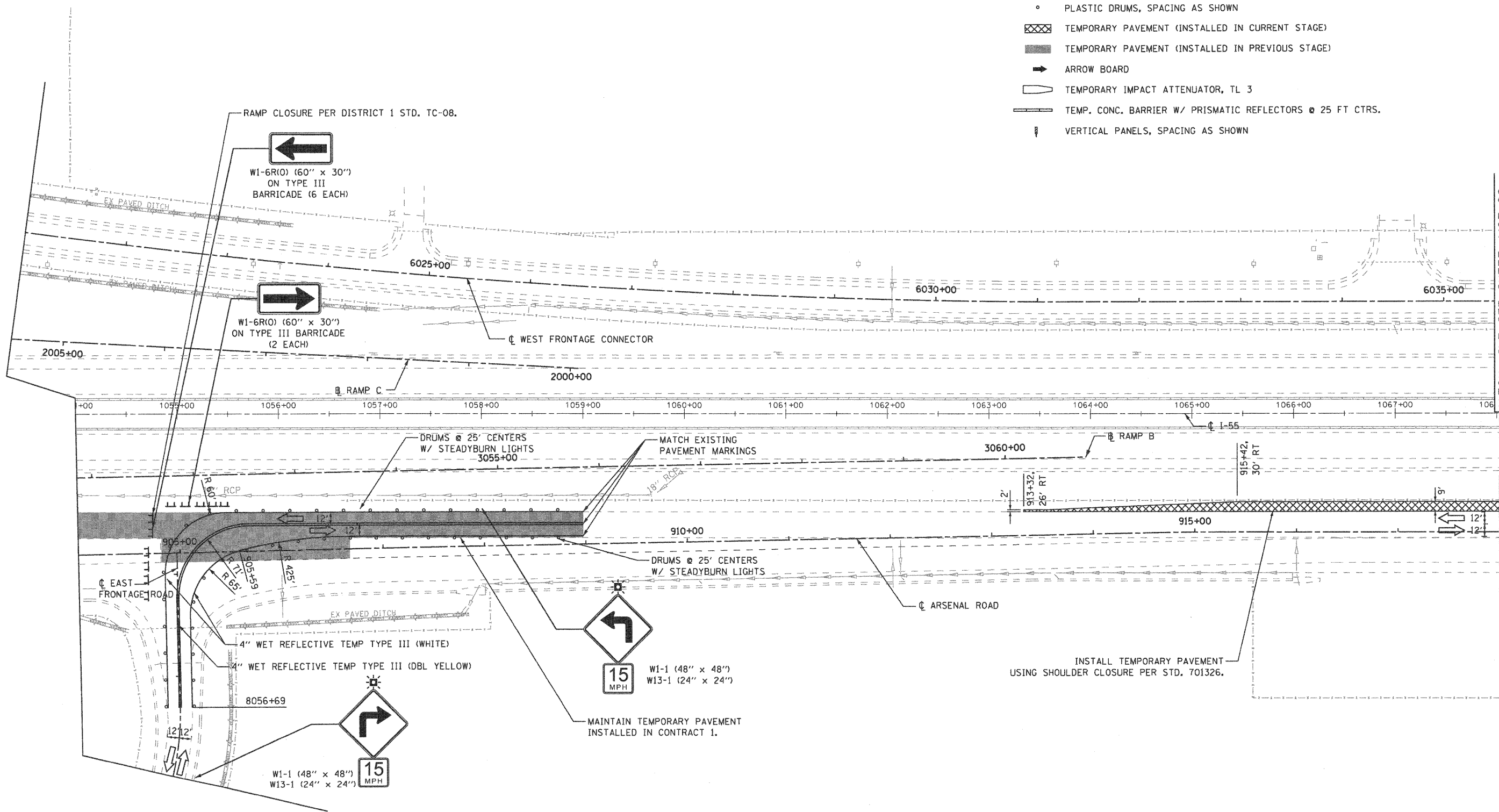
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC	
DETAIL FOR CONTRACTOR ACCESS THROUGH TEMP CONC BARRIER WALL	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	92
CONTRACT NO. 60F12			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

MAINTENANCE OF TRAFFIC LEGEND

-  WORK ZONE (CURRENT STAGE)
-  WORK ZONE (CONTD. FROM PREVIOUS STAGE)
-  DIRECTION OF TRAFFIC
-  PLASTIC DRUMS, SPACING AS SHOWN
-  TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
-  TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)
-  ARROW BOARD
-  TEMPORARY IMPACT ATTENUATOR, TL 3
-  TEMP. CONC. BARRIER W/ PRISMATIC REFLECTORS @ 25 FT CTRS.
-  VERTICAL PANELS, SPACING AS SHOWN



MATCH LINE SEE SHEET MOT-08 WEST FRONTAGE CONNECTOR STA. 6035+50.00
 MATCH LINE SEE SHEET MOT-08 ARSENAL RD STA. 918+00.00

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

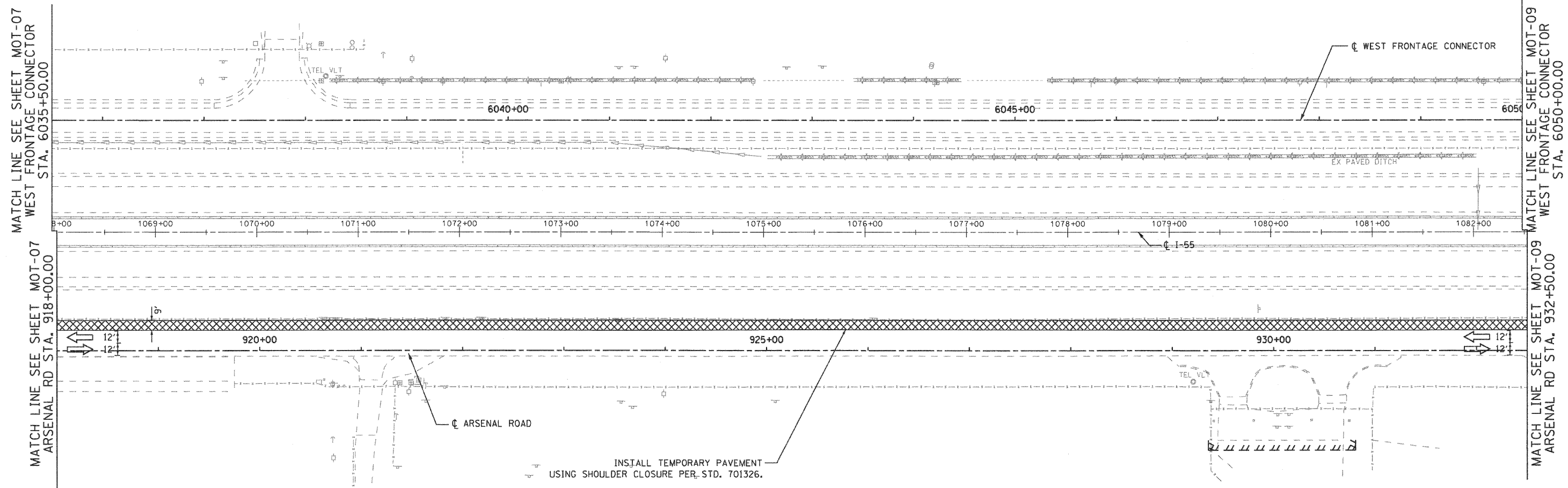
**MAINTENANCE OF TRAFFIC
PRE-STAGE**

SCALE: 1"=50' SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

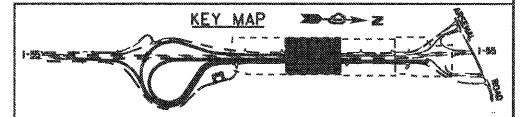


FINAL



MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE (CURRENT STAGE)
- WORK ZONE (CONTD. FROM PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS, SPACING AS SHOWN
- TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
- TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)
- ARROW BOARD
- TEMPORARY IMPACT ATTENUATOR, TL 3
- TEMP. CONC. BARRIER W/ PRISMATIC REFLECTORS @ 25 FT CTRS.
- VERTICAL PANELS, SPACING AS SHOWN



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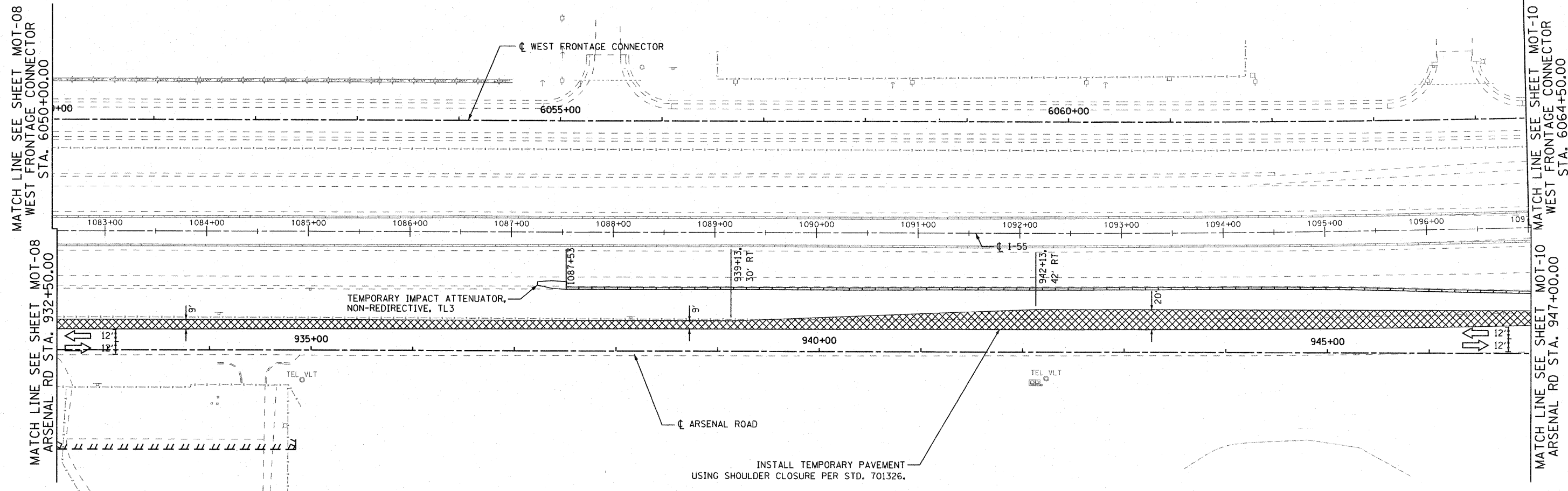
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

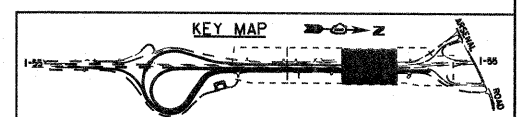
**MAINTENANCE OF TRAFFIC
PRE-STAGE**

SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	94
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE (CURRENT STAGE)
 - WORK ZONE (CONTD. FROM PREVIOUS STAGE)
 - DIRECTION OF TRAFFIC
 - PLASTIC DRUMS, SPACING AS SHOWN
 - TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
 - TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)
 - ARROW BOARD
 - TEMPORARY IMPACT ATTENUATOR, TL 3
 - TEMP. CONC. BARRIER W/ PRISMATIC REFLECTORS @ 25 FT CTRS.
 - VERTICAL PANELS, SPACING AS SHOWN



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

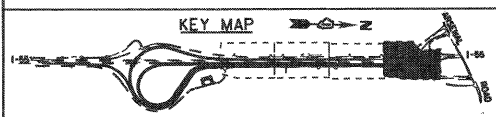
**MAINTENANCE OF TRAFFIC
 PRE-STAGE**

SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	95
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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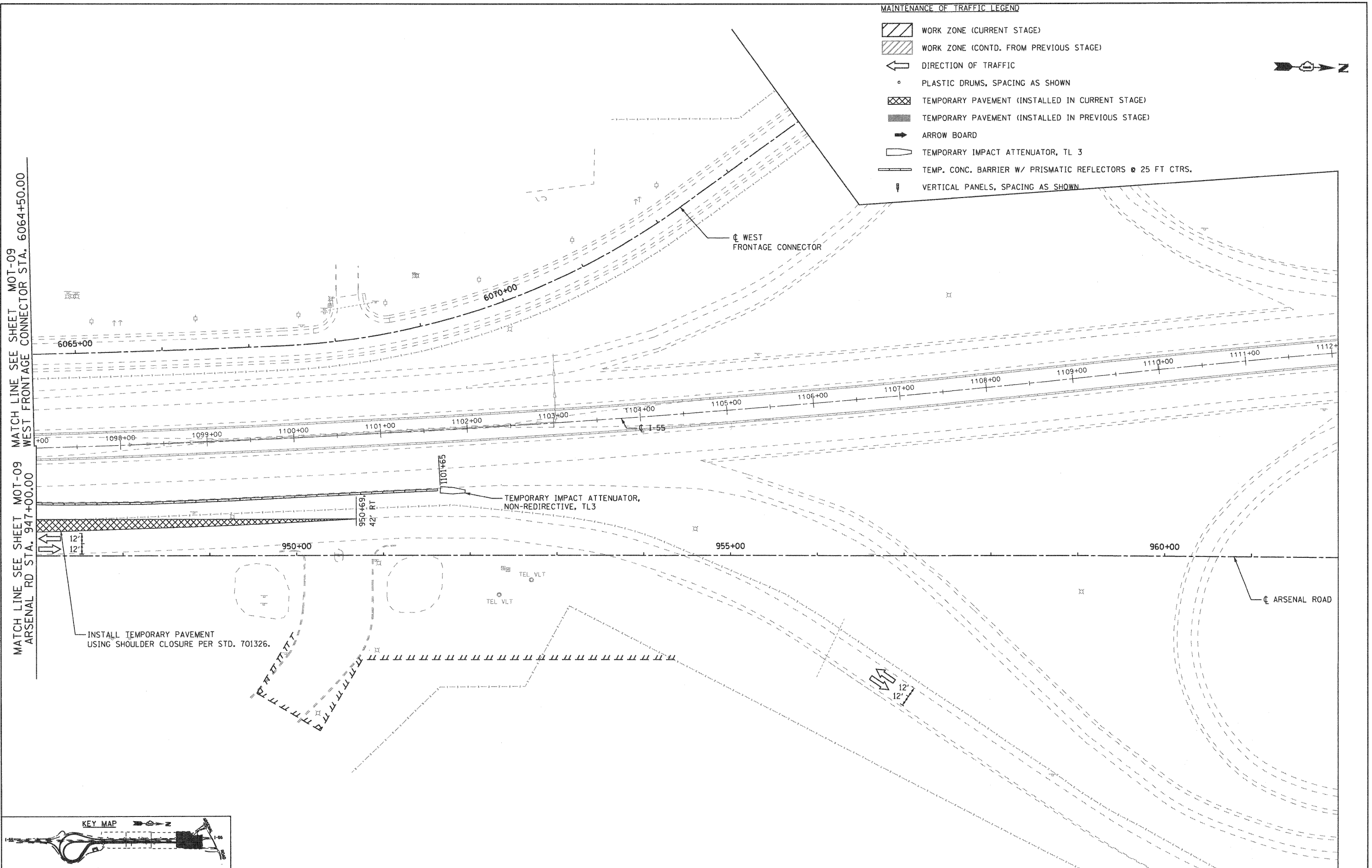
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
 PRE-STAGE

SCALE: 1"=50'
 SHEET NO. 4 OF 4 SHEETS
 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60F12			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	













- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE (CURRENT STAGE)
 - WORK ZONE (CONTD. FROM PREVIOUS STAGE)
 - DIRECTION OF TRAFFIC
 - PLASTIC DRUMS, SPACING AS SHOWN
 - TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
 - TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)
 - ARROW BOARD
 - TEMPORARY IMPACT ATTENUATOR, TL 3
 - TEMP. CONC. BARRIER W/ PRISMATIC REFLECTORS @ 25 FT CTRS.
 - VERTICAL PANELS, SPACING AS SHOWN



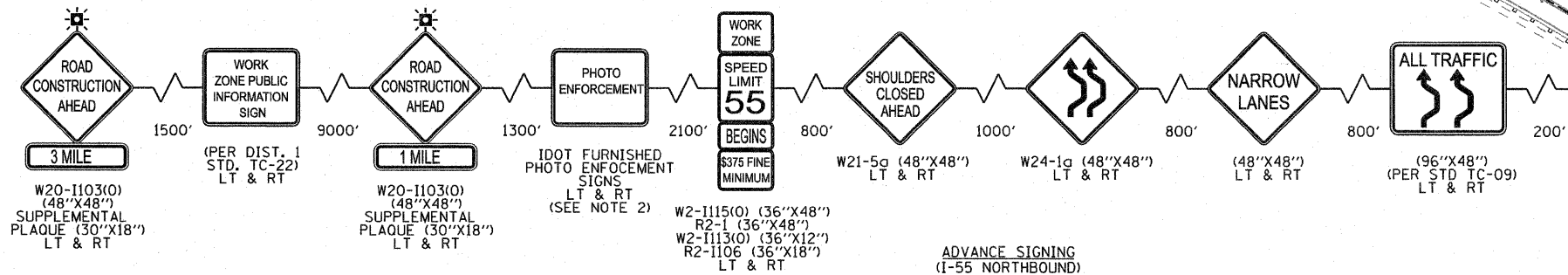
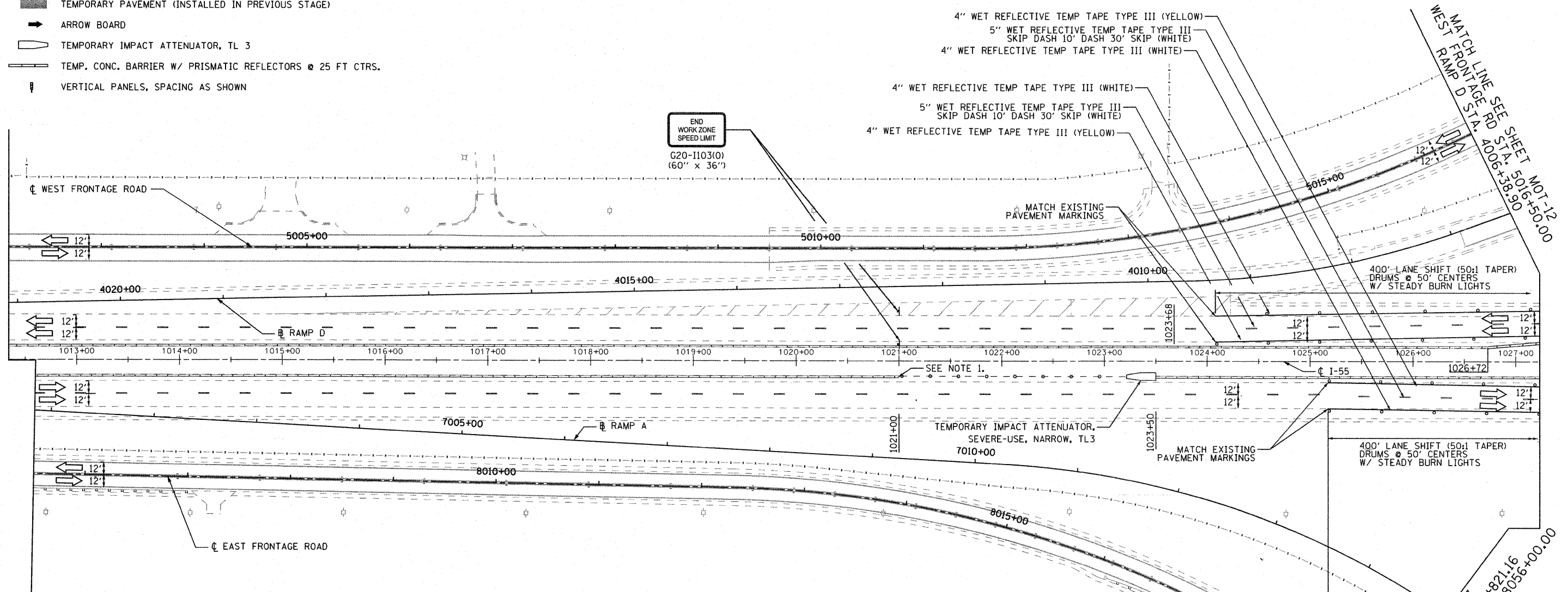
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MAINTENANCE OF TRAFFIC LEGEND

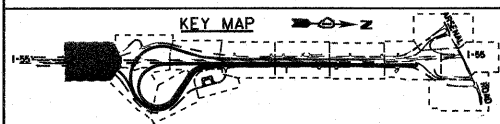
-  WORK ZONE (CURRENT STAGE)
-  WORK ZONE (CONTD. FROM PREVIOUS STAGE)
-  DIRECTION OF TRAFFIC
-  PLASTIC DRUMS, SPACING AS SHOWN
-  TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
-  TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)
-  ARROW BOARD
-  TEMPORARY IMPACT ATTENUATOR, TL 3
-  TEMP. CONC. BARRIER W/ PRISMATIC REFLECTORS @ 25 FT CTRS.
-  VERTICAL PANELS, SPACING AS SHOWN

NOTE

1. REMOVE EXISTING TEMPORARY CONCRETE BARRIER AND PROVIDE CONTRACTOR ACCESS. SEE DETAIL FOR CONTRACTOR ACCESS. CLOSE BARRIER OPENING BY RE-INSTALLING TEMPORARY CONCRETE BARRIER UPON COMPLETION OF PIER CONSTRUCTION.
2. USE OF PHOTO ENFORCEMENT AND ACCOMPANYING SIGNS SHALL BE DETERMINED BY THE ENGINEER.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**

SCALE: 1"=50' SHEET NO. 1 OF 13 SHEETS STA. TO STA.

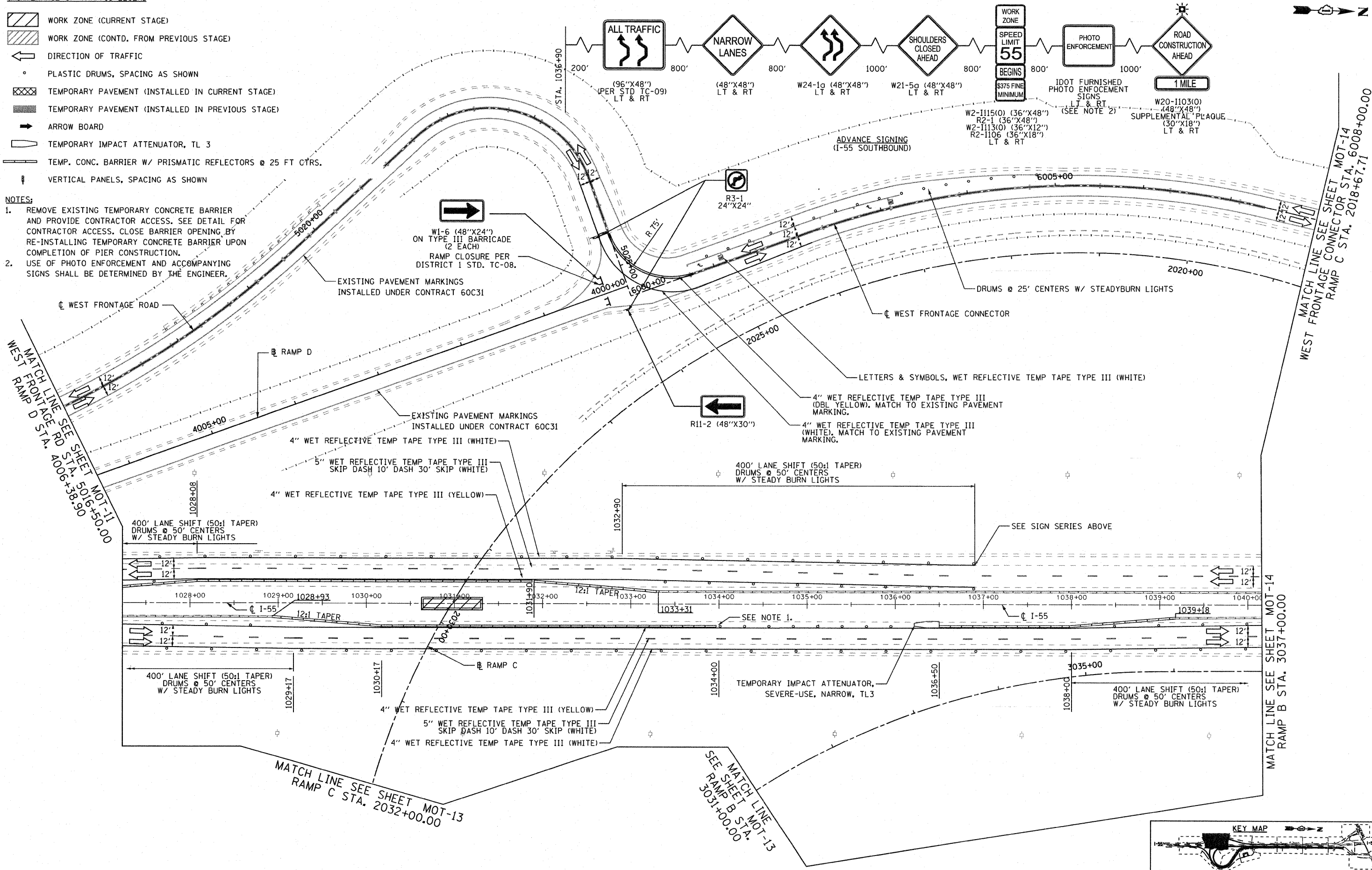
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55	99-2HB-2B-1	WILL	756	97
CONTRACT NO. 60F12			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

FINAL

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE (CURRENT STAGE)
- WORK ZONE (CONTD. FROM PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS, SPACING AS SHOWN
- TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
- TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)
- ARROW BOARD
- TEMPORARY IMPACT ATTENUATOR, TL 3
- TEMP. CONC. BARRIER W/ PRISMATIC REFLECTORS @ 25 FT CTRS.
- VERTICAL PANELS, SPACING AS SHOWN

- NOTES:**
- REMOVE EXISTING TEMPORARY CONCRETE BARRIER AND PROVIDE CONTRACTOR ACCESS. SEE DETAIL FOR CONTRACTOR ACCESS. CLOSE BARRIER OPENING BY RE-INSTALLING TEMPORARY CONCRETE BARRIER UPON COMPLETION OF PIER CONSTRUCTION.
 - USE OF PHOTO ENFORCEMENT AND ACCOMPANYING SIGNS SHALL BE DETERMINED BY THE ENGINEER.



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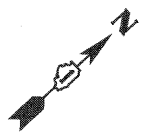
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**MAINTENANCE OF TRAFFIC
 STAGE 1**

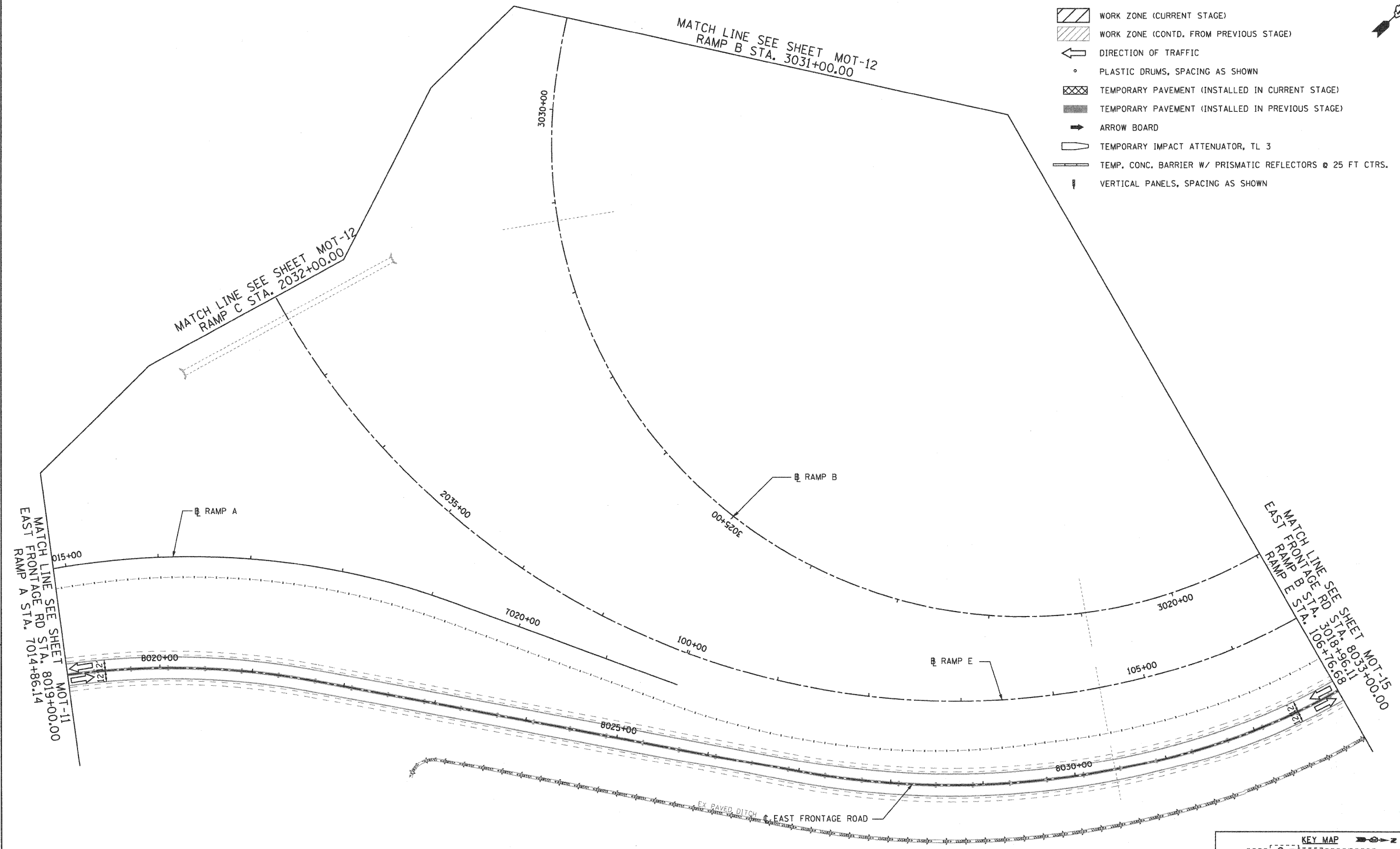
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				CONTRACT NO. 60F12
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

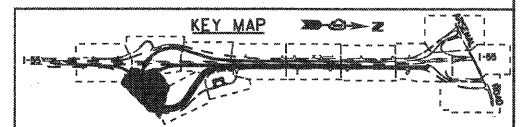


MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE (CURRENT STAGE)
- WORK ZONE (CONTD. FROM PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS, SPACING AS SHOWN
- TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
- TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)
- ARROW BOARD
- TEMPORARY IMPACT ATTENUATOR, TL 3
- TEMP. CONC. BARRIER W/ PRISMATIC REFLECTORS @ 25 FT CTRS.
- VERTICAL PANELS, SPACING AS SHOWN



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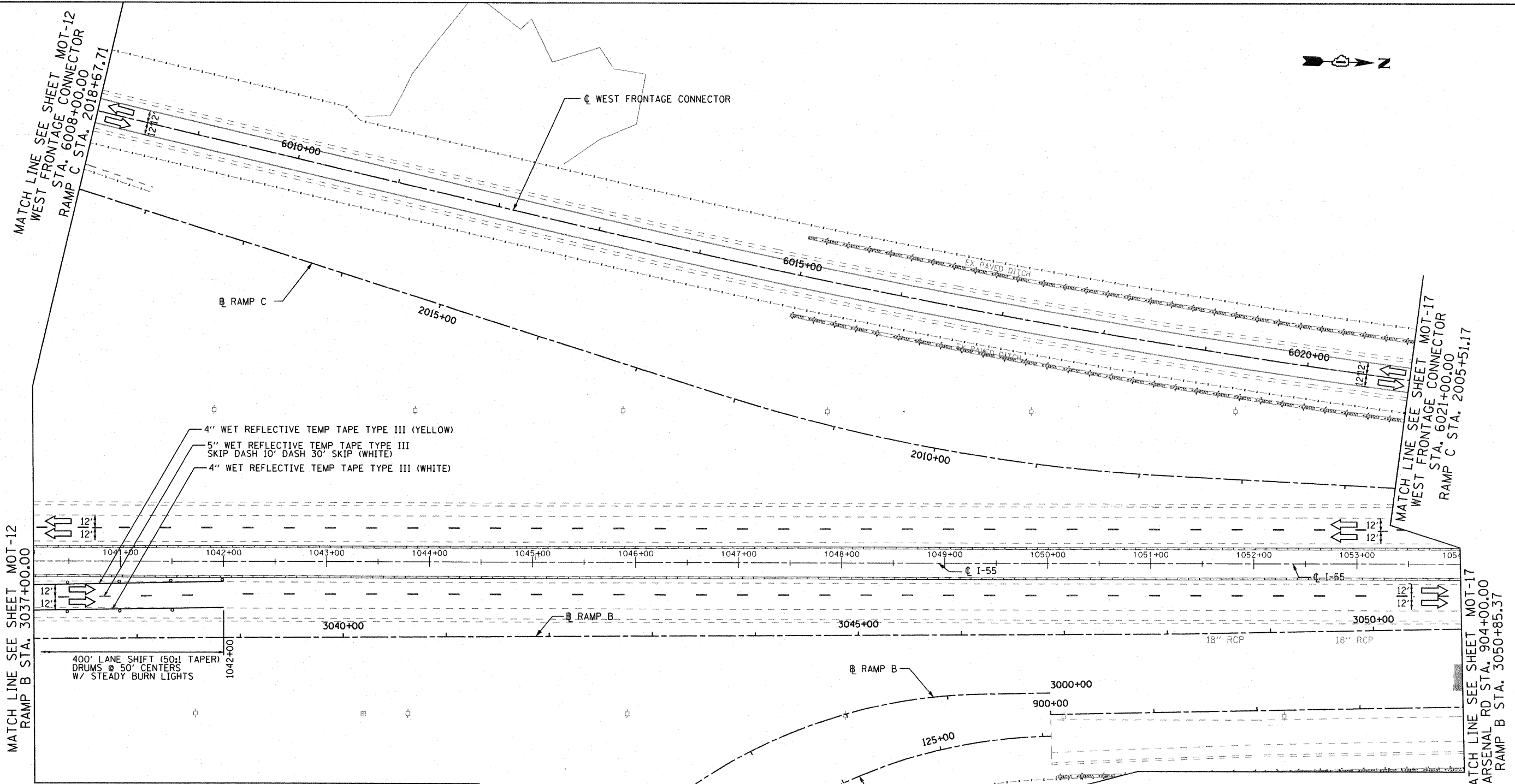
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**MAINTENANCE OF TRAFFIC
 STAGE 1**

SCALE: 1"=50' SHEET NO. 3 OF 13 SHEETS STA. TO STA.

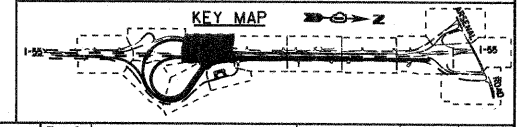
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55	99-2HB-2B-1	WILL	756	99
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE (CURRENT STAGE)
- WORK ZONE (CONTD. FROM PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS, SPACING AS SHOWN
- TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
- TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)
- ARROW BOARD
- TEMPORARY IMPACT ATTENUATOR, TL 3
- TEMP. CONC. BARRIER W/ PRISMATIC REFLECTORS @ 25 FT CTRS.
- VERTICAL PANELS, SPACING AS SHOWN



FILE NAME = ...D160F12-SHT-STAGING105.dgn	USER NAME = gra	DESIGNED - GR	REVISED -
		DRAWN - GR	REVISED -
		CHECKED - RY	REVISED -
		DATE - 02/04/2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 1			
SCALE: 1"=50'	SHEET NO. 4 OF 13 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	100
CONTRACT NO. 60F12			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	