

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO.	60C31	

FOR INDEX OF SHEETS, SEE SHEET NO. 2 (VOLUME I)  
FOR INDEX OF SHEETS, SEE SHEET NO. 301 (VOLUME II)

**STATION EQUATIONS:**

STA 5025+24.74 BK  $\oslash$  WEST FRONTAGE ROAD =  
STA 4000+00.00, 12.00' LT AH  $\oslash$  RAMP D =  
STA 6000+00.00 AH  $\oslash$  WEST FRONTAGE CONNECTOR

STA 2038+02.19 BK  $\oslash$  RAMP C (PT) =  
STA 100+00.00 AH  $\oslash$  RAMP E (PC) =  
STA 7021+82.16, 36.00' RT BK  $\oslash$  RAMP A

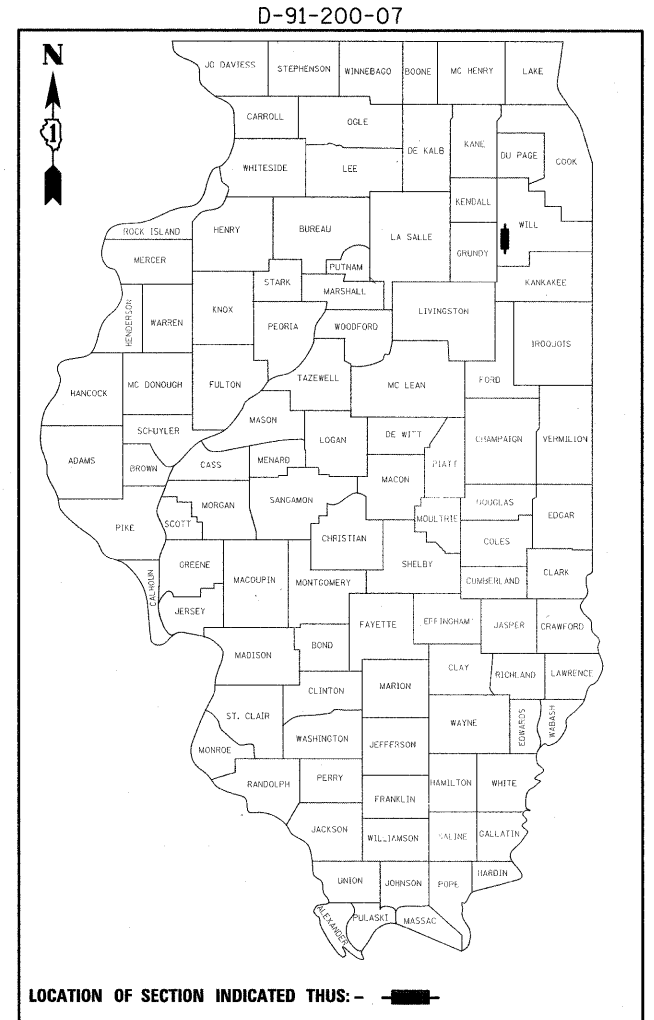
STA 126+08.25, 21.00' LT BK END  $\oslash$  RAMP E =  
STA 3000+00.00, 21.00' LT AH  $\oslash$  RAMP B =  
STA 900+00.00 AH  $\oslash$  ARSENAL ROAD =  
STA 1050+03.08, 146.78' RT  $\oslash$  I-55

**VOLUME I**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

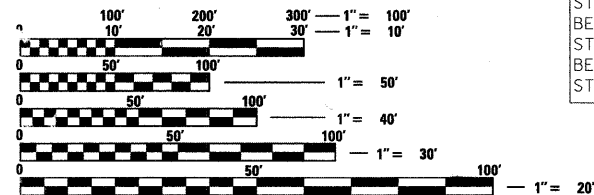
**ROUTE FAI 55 (I-55)  
SECTION (99-1&2)AC-3  
PROJECT: ACIM-055-6(239)243  
I-55 AT ARSENAL ROAD  
INTERCHANGE RAMP AND  
FRONTAGE ROAD CONSTRUCTION  
WILL COUNTY  
C-91-200-07**



**DESIGN DESIGNATION**

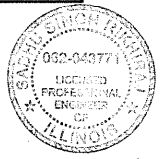
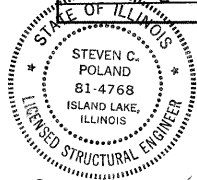
I-55 RAMP A	5700(10) INTERSTATE - CLASS II TRUCK ROUTE 11.34 (JPCP-20)
I-55 RAMP B	18500(10) INTERSTATE - CLASS I TRUCK ROUTE 18.20 (JPCP-20)
I-55 RAMP C	18500(10) INTERSTATE - CLASS I TRUCK ROUTE 18.20 (JPCP-20)
I-55 RAMP D	5400(10) INTERSTATE - CLASS II TRUCK ROUTE 11.34 (JPCP-20)
I-55 RAMP E	24200(10) 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  
RAMPS 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. 60C31

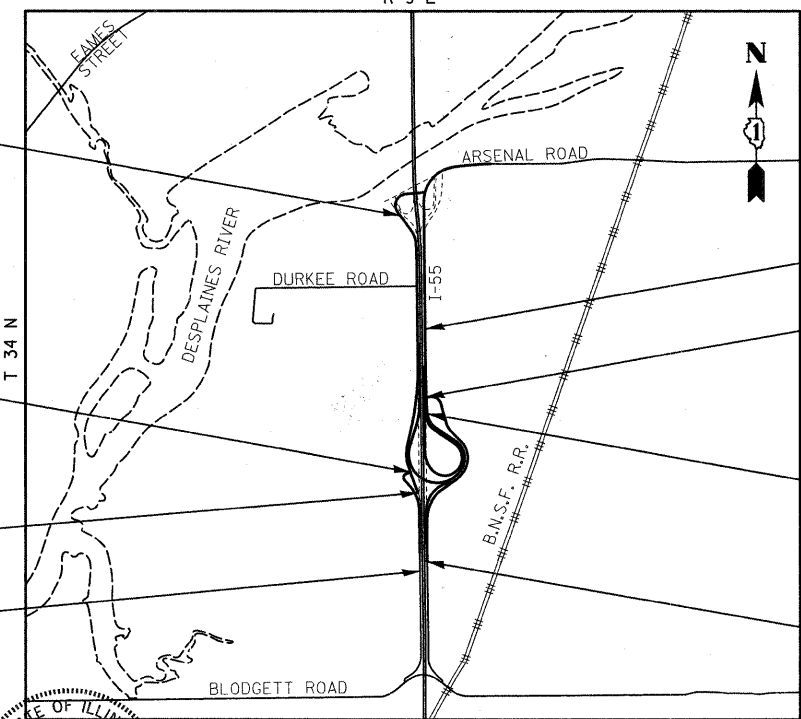
SIGNATURE:   
DATE: 11/30/2011  
NAME: ALAN SWANSON  
EXP. 11/30/2011  
SHEETS 1-86, 125-143, 184-198, 236-290, 299-301, 357-524

SIGNATURE:   
DATE: 11/30/2011  
NAME: GERALD E. KOYLASS  
EXP. 11/30/2011  
SHEETS 302-322

SIGNATURE:   
DATE: 11/30/2011  
NAME: STEVEN C. POLAND  
EXP. 11/30/2011  
SHEETS 323-341

SIGNATURE:   
DATE: 11/30/2011  
NAME: SADHU SINGH RIKHIRAJ  
EXP. 11/30/2011  
SHEETS 144-183

SIGNATURE:   
DATE: 11/30/2011  
NAME: RICHARD A. YOUNG  
EXP. 11/30/2011  
SHEETS 87-124



END IMPROVEMENT  
STA 5025+36.74  $\oslash$  WEST FRONTAGE ROAD;  
BEGIN IMPROVEMENT  
STA 4000+00.00  $\oslash$  RAMP D;  
BEGIN IMPROVEMENT  
STA 6000+00.00  $\oslash$  WEST FRONTAGE CONNECTOR

END IMPROVEMENT  
STA 4009+20.92  $\oslash$  RAMP D

BEGIN IMPROVEMENT  
STA 4993+41.47  
 $\oslash$  WEST FRONTAGE ROAD

END IMPROVEMENT  
STA 919+75.00  $\oslash$  ARSENAL ROAD

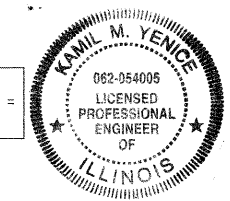
END IMPROVEMENT  
STA 8058+20.79  $\oslash$  EAST FRONTAGE ROAD =  
STA 904+96.95  $\oslash$  ARSENAL ROAD

BEGIN IMPROVEMENT  
STA 900+00.00  $\oslash$  ARSENAL ROAD

BEGIN IMPROVEMENT  
STA 7997+84.25  
 $\oslash$  EAST FRONTAGE ROAD

LENGTH OF PROJECT

ARSENAL ROAD	= 1,975.00 FT = 0.374 MI
WEST FRONTAGE CONNECTOR	= 7,754.15 FT = 1.469 MI
WEST FRONTAGE ROAD	= 3,195.27 FT = 0.605 MI
EAST FRONTAGE ROAD	= 6,036.54 FT = 1.143 MI
RAMP D	= 920.92 FT = 0.174 MI
GROSS AND NET LENGTH	= 19,881.88 FT = 3.765 MI



SIGNATURE:   
DATE: 11/30/2011  
NAME: KAMIL YENCE  
EXP. 11/30/2011  
SHEETS 291-298

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED DECEMBER 11, 2009

DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

January 29, 2010  
  
Acting ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2010  
  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

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VOLUME I

SHEET NO.	DRAWING NO.	DESCRIPTION
1	CV-1	COVER SHEET
2	IS-1	INDEX OF SHEETS
3	HS-1	HIGHWAY STANDARDS
4	GN-1	GENERAL NOTES AND COMMITMENTS
5-11	SQ-1 to SQ-7	SUMMARY OF QUANTITIES
12-17	TS-1 to TS-6	TYPICAL SECTIONS
18-28	SC-1 to SC-11	SCHEDULES OF QUANTITIES
29-37	AT-1 to AT-9	ALIGNMENTS, TIES, AND BENCHMARKS
38-52	EX-1 to EX-15	EXISTING PLAN AND REMOVALS
53-67	PR-1 to PR-15	PROPOSED PLAN
68-70	PF-1 to PF-3	ARSENAL ROAD PROFILE
71-74	PF-4 to PF-7	WEST FRONTAGE CONNECTOR PROFILE
75	PF-8	WEST FRONTAGE ROAD PROFILE
76-77	PF-9 to PF-10	EAST FRONTAGE ROAD PROFILE
78	PF-11	RAMP A PROFILE
79-81	PF-12 to PF-14	RAMP B PROFILE
82-83	PF-15 to PF-16	RAMP C PROFILE
84	PF-17	RAMP D PROFILE
85	PF-18	RAMP E PROFILE
86	UF-1	GAS LINE PROFILE
87	MOT-1	MAINTENANCE OF TRAFFIC GENERAL NOTES
88	MOT-2	MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND DETAILS
89-100	MOT-3 to MOT-14	MAINTENANCE OF TRAFFIC STAGE 1
101-102	MOT-15 to MOT-16	MAINTENANCE OF TRAFFIC STAGE 1A
103-104	MOT-17 to MOT-18	MAINTENANCE OF TRAFFIC STAGE 1B
105-112	MOT-19 to MOT-26	MAINTENANCE OF TRAFFIC STAGE 2
113	MOT-27	MAINTENANCE OF TRAFFIC STAGE 2A
114	MOT-28	MAINTENANCE OF TRAFFIC STAGE 2B
115-124	MOT-29 to MOT-38	MAINTENANCE OF TRAFFIC STAGE 3
125	MOT-39	DETOUR PLAN
126	EN-1	EROSION AND SEDIMENT CONTROL GENERAL NOTES AND LEGEND
127	EN-2	EROSION AND SEDIMENT CONTROL GENERAL NOTES AND STRATEGY
128-142	EC-1 to EC-15	EROSION AND SEDIMENT CONTROL PLAN
143	ED-1	EROSION AND SEDIMENT CONTROL DETAILS
144-158	DU-1 to DU-15	DRAINAGE AND UTILITY PLAN
159-161	DU-16 to DU-18	DRAINAGE STRUCTURE AND PIPE INFORMATION TABLE
162	DU-19	DRAINAGE DETAILS
163	DU-20	RESTRICTOR MANHOLE DETAIL
164	DU-21	RIPRAP DETAIL
165	DU-22	RIPRAP SCHEDULE
166-168	DP-1 to DP-3	ARSENAL ROAD DRAINAGE PROFILE
169-172	DP-4 to DP-7	WEST FRONTAGE CONNECTOR DRAINAGE PROFILE
173	DP-8	WEST FRONTAGE ROAD DRAINAGE PROFILE
174-175	DP-9 to DP-10	EAST FRONTAGE ROAD DRAINAGE PROFILE
176	DP-11	RAMP A DRAINAGE PROFILE
177-179	DP-12 to DP-14	RAMP B DRAINAGE PROFILE
180-181	DP-15 to DP-16	RAMP C DRAINAGE PROFILE
182	DP-17	RAMP D DRAINAGE PROFILE
183	DP-18	RAMP E DRAINAGE PROFILE
184-198	GP-1 to GP-15	GRADING PLAN
199-218		SUE INVESTIGATION OF UNDERGROUND UTILITIES
219-235		PLAT OF HIGHWAYS
236-238	PJ-1 to PJ-3	PAVEMENT JOINTS AND ELEVATIONS
239-249	EL-1 to EL-11	SUPERELEVATION DETAILS
250-264	PM-1 to PM-15	PAVEMENT MARKING PLAN
265-279	LS-1 to LS-15	LANDSCAPE PLAN
280-283	SI-1 to SI-4	EXISTING SIGNING PLAN
284-287	SI-5 to SI-8	PROPOSED SIGNING PLAN
288-290	SD-1 to SD-3	SIGNING DETAILS
291	RL-G1	ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
292-294	RL-P1 to RL-P3	RAMP D - TEMPORARY LIGHTING PLAN
295-298	RL-D1 to RL-D4	TEMPORARY LIGHTING DETAILS
299	UD-1	UTILITY PAD DETAILS

VOLUME II

300	CV-2	COVER SHEET
301	IS-2	INDEX OF SHEETS
302	RW1-1	GENERAL PLAN & ELEVATION, STRUCTURE NO. 099-W026
303-304	RW1-2 TO RW1-3	MSE WALL-PLAN & ELEVATION, STRUCTURE NO. 099-W026
305-306	RW1-4 TO RW1-5	SECTIONS & DETAILS, STRUCTURE NO. 099-W026
307-310	RW1-6 TO RW1-9	SOIL BORING DATA, STRUCTURE NO. 099-W026
311	RW3-1	GENERAL PLAN & ELEVATION, STRUCTURE NO. 099-W028
312	RW3-2 TO RW3-4	GENERAL DETAILS & BILL OF MATERIAL, STRUCTURE NO. 099-W028
313-315	RW3-3 TO RW3-5	MSE WALL-PLAN AND ELEVATION, STRUCTURE NO. 099-W028

SHEET NO.	DRAWING NO.	DESCRIPTION
316-317	RW3-6 TO RW3-7	SECTIONS & DETAILS, STRUCTURE NO. 099-W028
318-322	RW3-8 TO RW3-12	SOIL BORING DATA, STRUCTURE NO. 099-W028
323	SB-1	GENERAL PLAN AND ELEVATION, STRUCTURE NO. 099-3034
324-326	SB-2 to SB-4	DETAILS, STRUCTURE NO. 099-3034
327	SB-5	GENERAL PLAN AND ELEVATION, STRUCTURE NO. 099-0523
328-329	SB-6 to SB-7	DETAILS, STRUCTURE NO. 099-0523
330	SB-8	GENERAL PLAN AND ELEVATION, STRUCTURE STA.3007+00
331-332	SB-9 to SB-10	DETAILS, STRUCTURE STA. 3007+00
333	SB-11	GENERAL PLAN AND ELEVATION, STRUCTURE STA.2017+14
334-335	SB-12 to SB-13	DETAILS, STRUCTURE STA. 2017+14
336	SB-14	GENERAL PLAN AND ELEVATION, STRUCTURE STA.2032+25
337-338	SB-15 to SB-16	DETAILS, STRUCTURE STA. 2032+25
339	SB-17	GENERAL PLAN AND ELEVATION, STRUCTURE NO. 099-0524
340-341	SB-18 to SB-19	DETAILS, STRUCTURE NO. 099-0524
342	BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15' (4.5M)
343	BD-32	BUTT JOINTS AND HMA TAPER
344	BD-34	STEEL PLATE BEAM GUARDRAIL ADJACENT TO CURB AND GUTTER AND STABILIZATION AT TB TTY. 1 SPL.
345	BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
346	TC-08	FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS
347	TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
348	TC-11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
349-350	TC-12	MULTI-LANE FREEWAY PAVEMENT MARKING
351	TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
352	TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
353	TC-17	TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
354	TC-18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
355	TC-21	TYPICAL MARKING FOR CLOSING STATE HIGHWAYS
356	TC-26	DRIVEWAY ENTRANCE SIGNING
357	XP-1	CROSS SECTION KEY PLAN
358-359	XT-1 to XT-2	STAGE 1 ARSENAL ROAD CROSS SECTIONS
360-364	XT-3 to XT-7	STAGE 1 WEST FRONTAGE CONNECTOR CROSS SECTIONS
365	XT-8	STAGE 2 WEST FRONTAGE CONNECTOR CROSS SECTIONS
366-367	XT-9 to XT-10	STAGE 1 RAMP D CROSS SECTIONS
368-370	XT-11 to XT-13	STAGE 1A RAMP D CROSS SECTIONS
371-381	XS-1 to XS-11	ARSENAL ROAD CROSS SECTIONS
382-415	XS-12 to XS-45	WEST FRONTAGE CONNECTOR CROSS SECTIONS
416-428	XS-46 to XS-58	WEST FRONTAGE ROAD CROSS SECTIONS
429-458	XS-59 to XS-88	EAST FRONTAGE ROAD CROSS SECTIONS
459-494	XS-89 to XS-124	RAMP B CROSS SECTIONS
495-515	XS-125 to XS-145	RAMP C CROSS SECTIONS
516-519	XS-146 to XS-149	RAMP D CROSS SECTIONS
520-524	XS-150 to XS-154	I-55 CROSS SECTIONS

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



USER NAME	DESIGNED - MJT	REVISED -
PLOT SCALE	DRAWN - MJT	REVISED -
PLOT DATE	CHECKED - DLT	REVISED -
	DATE - 12/18/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	2
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL

HIGHWAY STANDARDS

STANDARD NO. TITLE

- 000001-05 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
- 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
- 542201-02 REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 375 MM (15") THRU 900 MM (36") DIAMETER SKEWED WITH ROADWAY
- 542301-02 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542306-02 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
- 542311-01 GRATING FOR CONCRETE FLARED END SECTION (FOR 600 MM (24") THRU 1300 MM (54") PIPE)
- 601001-03 SUB-SURFACE DRAINS
- 601101-01 CONCRETE HEADWALL FOR PIPE DRAINS
- 602001-01 CATCH BASIN, TYPE A
- 602011-01 CATCH BASIN, TYPE C
- 602401-02 MANHOLE, TYPE A
- 602406-03 MANHOLE, TYPE A, 1.8 M (6') DIAMETER
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-03 FRAME AND LIDS, TYPE 1
- 604036-02 GRATE, TYPE 8
- 604071-04 FRAME AND GRATE, TYPE 20
- 606401-01 PAVED DITCH
- 630201-06 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 631006-07 TRAFFIC BARRIER TERMINAL, TYPE 1B
- 631011-06 TRAFFIC BARRIER TERMINAL, TYPE 2
- 631033-03 TRAFFIC BARRIER TERMINAL, TYPE 6B
- 635001-01 DELINEATORS
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 637001-04 CONCRETE BARRIER, 815 MM (32 IN.) 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
- 701006-03 OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
- 701011-02 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701326-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
- ~~701326-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH~~
- 701901-01 TRAFFIC CONTROL DEVICES
- ~~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
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING
- 877001-04 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 878001-07 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
- BLR 17-4 TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
- BLR 22-6 TYP. APPL. OF T.C.D. FOR RURAL LOC. HWYS. (2-LNAE 2 WAY RURAL TRAFF.) (RD. CLOSED TO THRU TRAFF.)
- ~~BLR 22-6 TYP. APPL. OF T.C.D. FOR RURAL LOC. HWYS. (2-LNAE 2 WAY RURAL TRAFF.) (RD. CLOSED TO THRU TRAFF.)~~

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

FILE NAME =	USER NAME = TKluegel
D:\60C31-SHT-HWYST001.dgn	
PLOT SCALE = 1:50	
PLOT DATE = 12/14/2009	

DESIGNED - MJT	REVISED -
DRAWN - MJT	REVISED -
CHECKED - DLT	REVISED -
DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HIGHWAY STANDARDS**

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

F.A.I. RTE. 55	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(99-1&2)AC-3	WILL	524	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

Rev.

**FINAL**

**COMMITMENTS**

1. THE PROJECT AREA CONTAINS SENSITIVE ENVIRONMENTAL RESOURCES THAT NEED TO BE PROTECTED AND AVOIDED DURING CONSTRUCTION. THE SENSITIVE ENVIRONMENTAL RESOURCES INCLUDE NOTEWORTHY BOTANICAL AREAS, THREATENED AND ENDANGERED SPECIES, AND WETLANDS. 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. ALL SENSITIVE ENVIRONMENTAL RESOUCE AREAS ARE TO BE FENCED OFF AND CLEARLY MARKED AS INDICATED IN THE PLANS. ADDITIONALLY, PRIOR TO CONSTRUCTION COMMENCING, THE LOCATION OF THE FALSE MALLOW, BLANDINGS TURTLE, AND RED-TAILED PRAIRIE LEAFHOPPER WILL BE IDENTIFIED AND PROTECTIVE FENCING AND SIGNING ERECTED.
2. ANY INTERMITTENT LANE CLOSURES ON INTERSTATE 55 TO CONSTRUCT THE PROPOSED BRIDGES, ROADWAY IMPROVEMENTS, OR APPURTENANCIES MUST BE DONE DURING NIGHTTIME HOURS. NO LANE CLOSURES WILL BE ALLOWED ON INTERSTATE 55 DURING PEAK HOUR OR DAYTIME HOURS
3. THIS PROJECT REQUIRES A U.S. 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**

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. ALL TYPE II BARRICADES SHALL BE WEIGHTED DOWN WITH TWO SANDBAGS EACH. (ONE WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL). ALL TYPE III BARRICADES SHALL REQUIRE FOUR SANDBAGS EACH.
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 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

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. 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.

22. 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: LEIGH CLARK 630-257-5404  
TEPPCO: MIKE BOOMSMA 708-906-8659
23. THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
24. 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)".
25. 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
26. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT
27. 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.
28. ELEVATIONS ARE BASED ON NGS MONUMENT PID \*MFO335 AND NAVD-88 DATUM.
29. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM THAT IS LICENSED AND CERTIFIED WITH THE OFFICE OF THE STATE FIRE MARSHALL PER ARTICLE 669 OF THE STANDARD SPECIFICATIONS AND 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.
30. 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.
31. PROPOSED TEMPORARY FENCING ALONG THE R.O.W. 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 TEMPORARY FENCE SHALL BE OMITTED AT THOSE LOCATIONS, AS DIRECTED BY THE ENGINEER. THE TEMPORARY FENCE QUANTITY SHALL BE REDUCED ACCORDINGLY. THIS WORK WILL BE MEASURED AND PAID FOR AS "TEMPORARY FENCE (SPECIAL)".

32. 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.

**GENERAL NOTES**

1. 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.
2. 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.
3. THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.
4. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
5. BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
6. THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
7. 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.
8. 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.

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

FILE NAME = 0162C31-SHT-GENNOTE.dgn	USER NAME = TKluegel	DESIGNED - TRK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES AND COMMITMENTS</b>	F.A.I R.T.E. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 4
PLOT SCALE = 1:150	CHECKED - DLT	REVISED -	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 60C31	
PLOT DATE = 12/14/2009	DATE - 12/18/09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
FINAL										



ROADWAY  
 RETAINING WALLS  
 BOX CULVERTS  
 SIGNING  
 ELECTRICAL

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES				
				J000-2A	Y007	Y007	Y002-1C	Y030-1E
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	3,931	3,931				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	3,181	3,181				
20100500	TREE REMOVAL, ACRES	ACRE	4.75	4.75				
20201006	GRADING AND SHAPING SHOULDERS	UNIT	8	8				
20200100	EARTH EXCAVATION	CU YD	183,050	183,050				
* 20200200	ROCK EXCAVATION	CU YD	7,915	7,915				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	79,670	79,670				
20400800	FURNISHED EXCAVATION	CU YD	198,245	198,245				
20700220	POROUS GRANULAR EMBANKMENT	CU YD	1,233	1,233				
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	346	346				
20800150	TRENCH BACKFILL	CU YD	7,257	7,257				
21001000	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	829	829				
* 21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	34,500	34,500				
* 21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	219,736	219,736				
21300010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100				
• 25000210	SEEDING, CLASS 2A	ACRE	14.0	14.0				
• 25000310	SEEDING, CLASS 4	ACRE	33.9	33.9				
<del>• 25000314</del>	<del>SEEDING, CLASS 4B</del>	<del>ACRE</del>	<del>11.5</del>	<del>11.5</del>				
• 25000350	SEEDING, CLASS 7	ACRE	29.4	29.4				
• 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,260	1,260				
• 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,260	1,260				
• 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,260	1,260				
* 25002024	SEEDING, CLASS 4B (MODIFIED)	ACRE	11.5	11.5				
• 25100115	MULCH, METHOD 2	ACRE	145.8	145.8				
25100630	EROSION CONTROL BLANKET	SQ YD	136,779	136,779				
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	231	231				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	17,930	17,930				
28000305	TEMPORARY DITCH CHECKS	FOOT	3,045	3,045				
28000400	PERIMETER EROSION BARRIER	FOOT	40,470	40,470				
28000500	INLET AND PIPE PROTECTION	EACH	31	31				
28000510	INLET FILTERS	EACH	15	15				
28100105	STONE RIPRAP, CLASS A3	SQ YD	175	175				
28100107	STONE RIPRAP, CLASS A4	SQ YD	816	816				
28200200	FILTER FABRIC	SQ YD	991	991				
31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	1,815	1,815				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	697	697				

• SPECIALTY ITEM

FILE NAME = D:\60C31-SHT-S0001.dgn	USER NAME = TKluemel	DESIGNED - MJT	REVISED -
PLOT SCALE = 1:50	CHECKED - DLT	DRAWN - MJT	REVISED -
PLOT DATE = 12/16/2009	DATE - 12/18/09		REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55		(99-1&2)AC-3	WILL	524	5
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 60C31	

Rev. 2-11-10

Rev.

ROADWAY  
 90% FED.  
 10% STATE  
 URBAN

RETAINING WALLS  
 BOX CULVERTS  
 SIGNING  
 ELECTRICAL

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES				
				J000-2A	Y007	Y007	Y002-1C	Y030-1E
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	17,155	17,155				
40600300	AGGREGATE (PRIME COAT)	TON	23	23				
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	568	568				
40600895	CONSTRUCTING TEST STRIP	EACH	2	2				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	24	24				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1,575	1,575				
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	79	79				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	152	152				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,099	1,099				
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	15,892	15,892				
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	29,074	29,074				
42001300	PROTECTIVE COAT	SQ YD	41,638	41,638				
42300600	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 10 INCH	SQ YD	1,384	1,384				
44000100	PAVEMENT REMOVAL	SQ YD	40,795	40,795				
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1,349	1,349				
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	6,660	6,660				
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3,270	3,270				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,875	2,875				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	724	724				
44004250	PAVED SHOULDER REMOVAL	SQ YD	405	405				
48101200	AGGREGATE SHOULDERS, TYPE B	TON	299	299				
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	6,754	6,754				
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	7,936	7,936				
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	5,193	5,193				
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	876	876				
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SQ YD	11,037	11,037				
50200100	STRUCTURE EXCAVATION	CU YD	1,364	1,364				
* 50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	2,581.1	144.1	2,437.0			
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	950	702	248			
50300225	CONCRETE STRUCTURES	CU YD	400	400				
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	54,484	54,104	380			
50900200	STEEL RAILING, TYPE 2399	FOOT	20		20			
54010503	PRECAST CONCRETE BOX CULVERT 5'X3'	FOOT	455		455			
54010603	PRECAST CONCRETE BOX CULVERT 6'X3'	FOOT	840		840			
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	282	282				

\* SPECIALTY ITEM

FILE NAME =	USER NAME = TKluergel
D:\60C31-SHT-50002.dgn	
PLOT SCALE = 1:50	
PLOT DATE = 12/16/2009	

DESIGNED - MJT	REVISED -
DRAWN - MJT	REVISED -
CHECKED - DLT	REVISED -
DATE - 12/18/09	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	6
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Rev.

FINAL

90% FED.  
 10% STATE  
 URBAN

ROADWAY  
 RETAINING WALLS  
 BOX CULVERTS  
 SIGNING  
 ELECTRICAL

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES				
				J000-2A	Y007	Y007	Y002-1C	Y030-1E
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	75	75				
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	118	118				
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	68	68				
542A1093	PIPE CULVERTS, CLASS A, TYPE 2 48"	FOOT	188	188				
542A4009	PIPE CULVERTS, CLASS A, TYPE 6 24"	FOOT	235	235				
542A4033	PIPE CULVERTS, CLASS A, TYPE 6 48"	FOOT	215	215				
542A5482	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 27"	FOOT	74	74				
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	259	259				
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	118	118				
542A5497	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	136	136				
542A5503	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	75	75				
542A5509	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 54"	FOOT	152	152				
542A8203	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 18"	FOOT	33	33				
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	5	5				
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	14	14				
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	7	7				
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1				
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	4	4				
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1	1				
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	6	6				
54214503	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EACH	1	1				
54214512	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 27"	EACH	2	2				
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	6	6				
54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	4	4				
54214527	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 42"	EACH	3	3				
54214533	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 48"	EACH	2	2				
54214539	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 54"	EACH	4	4				
54215400	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS	EACH	12			12		
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	7	7				
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1	1				
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	4	4				
54247180	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH	1	1				
54247190	GRATING FOR CONCRETE FLARED END SECTION 48"	EACH	6	6				
54248140	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 27"	EACH	2	2				
54248150	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 30"	EACH	6	6				

\* SPECIALTY ITEM

FILE: 12/18/09  
 DIR: 12/18/09  
 USER NAME = 12/18/09  
 PLOT SCALE = 1/8" = 1'-0"  
 PLOT DATE = 12/18/09

DESIGNED - MJT	REVISED -
DRAWN - MJT	REVISED -
CHECKED - DLT	REVISED -
DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 7
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT			CONTRACT NO. 60C31	

90% FED.  
10% STATE  
URBAN

ROADWAY  
RETAINING WALLS  
BOX CULVERTS  
SIGNING  
ELECTRICAL

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES				
				J000-2A	Y007	Y007	Y002-1C	Y030-1E
54248160	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 36"	EACH	4	4				
54248170	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 42"	EACH	3	3				
54248180	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 48"	EACH	2	2				
54248190	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 54"	EACH	4	4				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	19	19				
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	91	91				
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	1,307	1,307				
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	950	950				
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	179	179				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	62	62				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	374	374				
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	66	66				
550A0940	STORM SEWERS, CLASS A, TYPE 4 12"	FOOT	15	15				
550A4700	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	350	350				
55100400	STORM SEWER REMOVAL 10"	FOOT	51	51				
55100700	STORM SEWER REMOVAL 15"	FOOT	326	326				
55100900	STORM SEWER REMOVAL 18"	FOOT	630	630				
55101200	STORM SEWER REMOVAL 24"	FOOT	641	641				
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	6	6				
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	42	42				
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	5	5				
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	2	2				
60208210	CATCH BASINS, TYPE C, TYPE 20 FRAME AND GRATE	EACH	4	4				
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11				
60222210	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	4	4				
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	192	192				
60615400	PAVED DITCH, TYPE A-15	FOOT	695	695				
60615910	PAVED DITCH, TYPE A-22	FOOT	7,685	7,685				
60616130	PAVED DITCH, TYPE A-45	FOOT	250	250				
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	588	588				
* 63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	1,325	1,325				
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3				
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1	1				
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6				

\* SPECIALTY ITEM

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

FILE NAME EJ6201101084.dgn	USER NAME tjungej	DESIGNED - MJT	REVISED -
PLOT SCALE 1/8" = 1'-0"		DRAWN - MJT	REVISED -
PLOT DATE 12/18/09		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 8
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL

90% FED.  
10% STATE  
URBAN

ROADWAY

RETAINING WALLS

BOX CULVERTS

SIGNING

ELECTRICAL

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES				
				J000-2A	Y007	Y007	Y002-1C	Y030-1E
63200305	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	102	102				
63500105	DELINEATORS	EACH	19	19				
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	100	100				
63700900	CONCRETE BARRIER BASE	FOOT	100	100				
66400305	CHAIN LINK FENCE, 6'	FOOT	1,076	1,076				
• 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	4,650	4,650				
• 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1				
• 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5				
67100100	MOBILIZATION	L SUM	1	1				
• 70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
• 70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	1	1				
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	24	24				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	14,349	14,349				
70400600	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	199	199				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	235				235	
* 72000200	SIGN PANEL - TYPE 2	SQ FT	52				52	
* 72000300	SIGN PANEL - TYPE 3	SQ FT	157				157	
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	83				83	
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	2,508				2,508	
* 72900200	METAL POST - TYPE 3	FOOT	610				610	
* 73400100	CONCRETE FOUNDATIONS	CU YD	5				5	
* 73700100	REMOVE GROUND-MOUNTED SIGN SUPPORT	EACH	11				11	
• 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	34,019	34,019				
• 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	25	25				
• 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	138	138				
• 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	23,026	23,026				
• 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	301	301				
• 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	52	52				
• 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	505	505				
• 78200410	GUARDRAIL MARKERS, TYPE A	EACH	26	26				
• 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6				
78300100	PAVEMENT MARKING REMOVAL	SQ FT	1,770	1,770				
• 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1					1
80400200	UTILITY ELECTRIC SERVICE CONNECTION	L SUM	1					1
* 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	106					106

• SPECIALTY ITEM

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

FILE NAME	USER NAME	DESIGNED	REVISED
ENGINEER		MJT	
		MCJ	
PLOT SCALE	CHECKED	DU	REVISED
PLOT DATE	DATE	12/18/09	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. NO.	SECTION	TOTAL SHEETS	SHEET NO.
99	(99-182)AC-3	524	9
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		CONTRACT NO. 60C31	

FINAL

ROADWAY  
 90% FED.  
 10% STATE  
 URBAN

RETAINING WALLS

BOX CULVERTS

SIGNING

ELECTRICAL

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES				
				J000-2A	Y007	Y007	Y002-1C	Y030-1E
81700365	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 3-1/C NO. 1/0	FOOT	143					143
81800320	AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	2,636					2,636
82105700	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT	EACH	10					10
83057350	LIGHT POLE, WOOD, 60 FOOT, CLASS 4	EACH	1					1
X0300057	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2	2				
X0322208	TEMPORARY STORM SEWER PLUGS	EACH	7	7				
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	95	95				
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	72	72				
X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	9					9
X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	12,145	12,145				
X0324044	EROSION CONTROL TEMPORARY PIPE SLOPE DRAIN	EACH	13	13				
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	5	5				
X0324774	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,420	1,420				
X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	2,840	2,840				
X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	66,532	66,532				
X0325841	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	36	36				
X0326020	UTILITY PROTECTION PAD	SQ YD	1,290	1,290				
X0712400	TEMPORARY PAVEMENT	SQ YD	1,792	1,792				
X0919000	TEMPORARY PAVEMENT REMOVAL	SQ YD	1,233	1,233				
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	32,893	32,893				
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	8	8				
X6640200	TEMPORARY CHAIN LINK FENCE	FOOT	1,925	1,925				
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	12	12				
X6700600	ENGINEER'S FIELD LABORATORY (SPECIAL)	CAL MO	12	12				
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1				
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	66,788	66,788				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
Z0022800	FENCE REMOVAL	FOOT	19,395	19,395				
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	1	1				
Z0030030	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3				
Z0076600	TRAINEES	HOUR	1,000	1,000				
K1004469	PERENNIAL PLANTS, PRAIRIE TYPE	UNIT	1.60	1.60				
K1004485	PERENNIAL PLANTS, WETLAND TYPE	UNIT	11.84	11.84				
66411905	TEMPORARY FENCE (SPECIAL)	FOOT	21,171	21,171				
Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	18,002	18,002				

• SPECIALTY ITEM  
 O Y080

FILE NAME = D160C31-SHT-S0006.dgn	USER NAME = TKluegel	DESIGNED - MJT	REVISED -
PLOT SCALE = 1/8"=1'	CHECKED - DLT	DRAWN - MJT	REVISED -
PLOT DATE = 12/16/2009	DATE - 12/18/09		REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.I RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 10
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

Rev.

FINAL



CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES					
				J000-2A	Y007	Y007	Y002-1C	Y030-1E	
60107700	PIPE UNDERDRAINS 6"	FOOT	16,380	16,380					
60108200	PIPE UNDERDRAINS (SPECIAL) 6"	FOOT	662	662					
X8250060	TEMPORARY LIGHTING CONTROLLER	EACH	1						1
	GROUND ROD, 5/8" DIA. X 10 FT	EACH	10						10
83057515	LIGHT POLE, WOOD, 100 FOOT, CLASS 1, WITH 15FT MAST ARM	EACH	10						10

• SPECIALTY ITEM

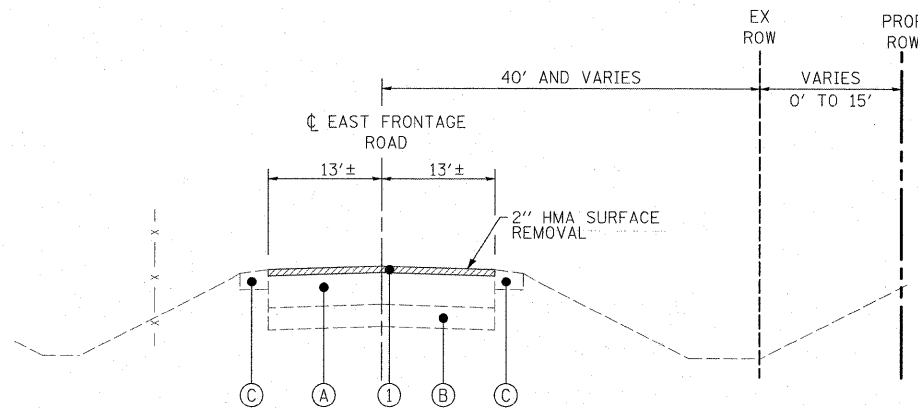
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PLOT SCALE 1:50	PLOT DATE 12/17/2009

DESIGNED - MJT	REVISED -
DRAWN - MJT	REVISED -
CHECKED - DLT	REVISED -
DATE - 12/18/09	REVISED -

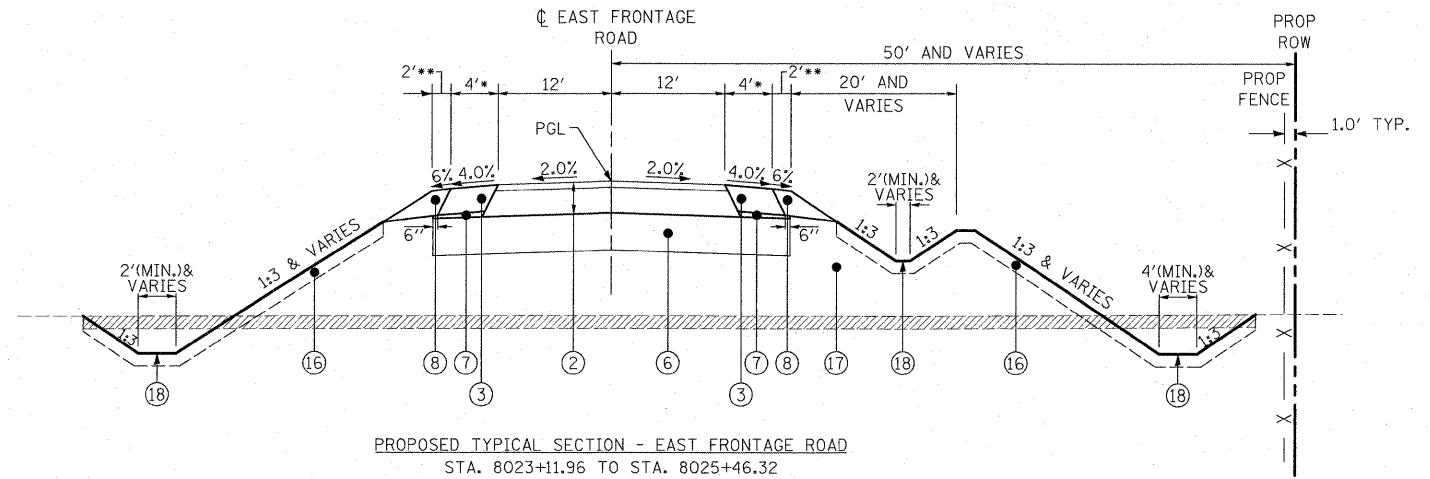
STATE OF ILLINOIS	SUMMARY OF QUANTITIES
DEPARTMENT OF TRANSPORTATION	SCALE: NONE SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 11
CONTRACT NO. 60C31				

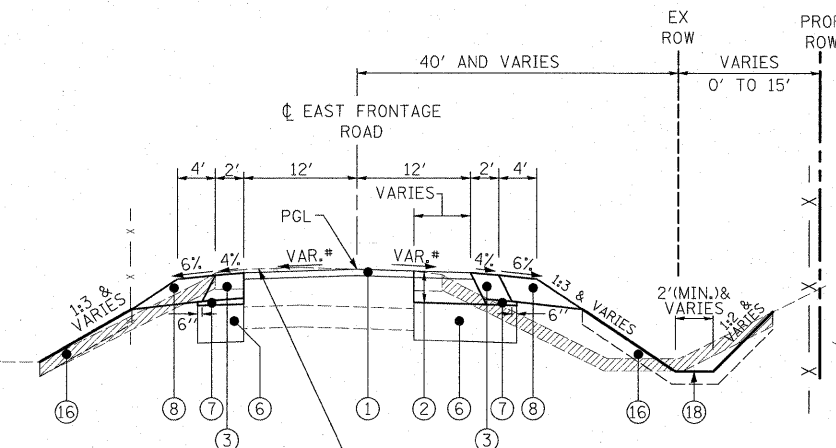
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT
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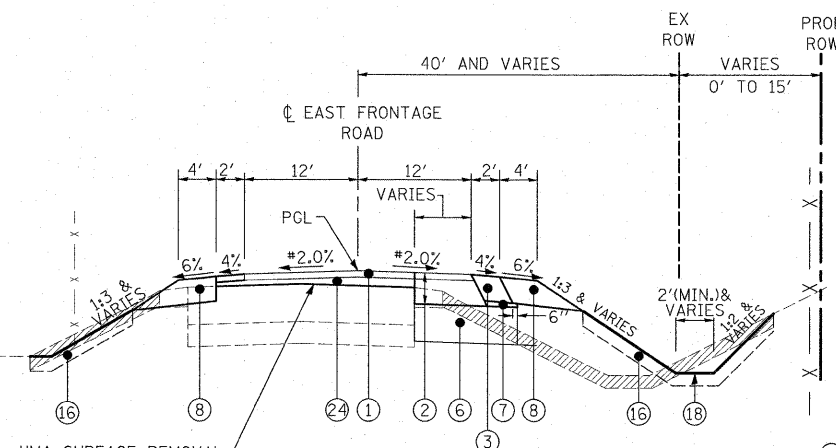
PROPOSED TYPICAL SECTION - EAST FRONTAGE ROAD  
STA. 7997+84.25 TO STA. 8004+50



PROPOSED TYPICAL SECTION - EAST FRONTAGE ROAD  
STA. 8023+11.96 TO STA. 8025+46.32  
STA. 8041+37.50 TO STA. 8042+99.99  
STA. 8048+15.65 TO STA. 8052+18.19  
STA. 8057+52.95 TO STA. 8058+20.79 (SEE DWG. PJ-2)



PROPOSED TYPICAL SECTION - EAST FRONTAGE ROAD  
(STA. 8004+50 TO STA. 8005+54±)



PROPOSED TYPICAL SECTION - EAST FRONTAGE ROAD  
STA. 8005+54± TO STA. 8013+82±

\*PAVEMENT SLOPE TRANSITION  
LEFT SIDE:  
STA. 8004+50 = MATCH EXISTING  
STA. 8005+00 = -1.56%  
STA. 8011+73 = +1.63%  
STA. 8012+78 = +6.00%

RIGHT SIDE:  
STA. 8004+50 = MATCHING EXISTING  
STA. 8005+00 = -2.00%  
STA. 8011+34 = -2.00%  
STA. 8012+78 = -6.00%

- \* HMA SHOULDER WIDTH:  
2' FROM STA. 8004+50 TO STA. 8042+00  
4' FROM STA. 8042+00 TO STA. 8048+59.75  
7' FROM STA. 8048+59.75 TO STA. 8056+68.95
- \*\* AGGREGATE SHOULDER WIDTH:  
4' FROM STA. 8004+50 TO STA. 8042+00  
2' FROM STA. 8042+00 TO STA. 8056+68.95

NOTES:  
1. TOPSOIL SHALL BE PLACED ONLY IN LOCATIONS OF PERMANENT SEEDING. SEE LANDSCAPE PLAN FOR LIMITS/LOCATIONS.  
2. FOR SUPERELEVATION TRANSITIONS SEE DWG. AT-3.  
3. FOR DITCH DETAILS SEE SHEET DU-19.

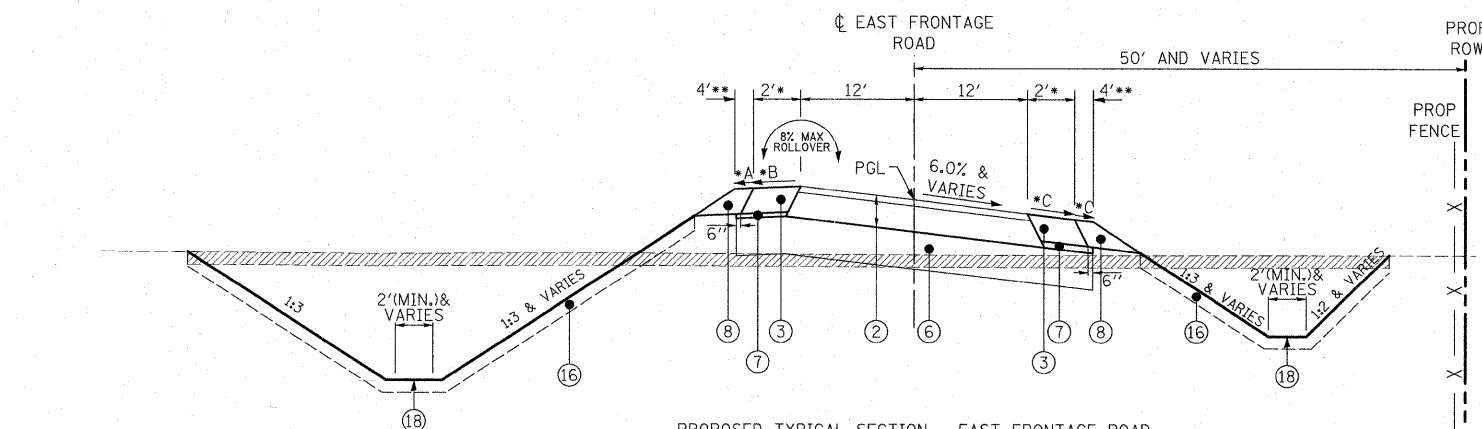
EXISTING LEGEND

- (A) HMA PAVEMENT, 12" AND VARIES
- (B) AGGREGATE BASE COURSE, 7" AND VARIES
- (C) AGGREGATE SHOULDERS, VARIES
- (D) PCC PAVEMENT, 10" OR HMA PAVEMENT, 12"

PROPOSED LEGEND

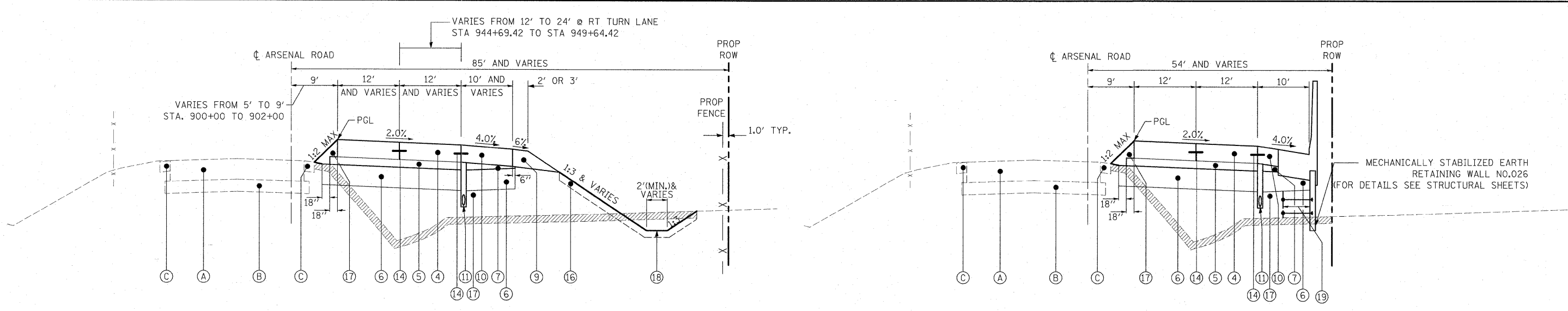
- (1) HOT-MIX ASPHALT SURFACE COURSE. MIX "D", N70, 2"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
- (3) HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- (4) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (5) STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
- (6) AGGREGATE SUBGRADE 12"
- (7) SUB-BASE GRANULAR MATERIAL, TYPE B
- (8) AGGREGATE SHOULDERS, TYPE B 8"
- (9) AGGREGATE SHOULDERS, TYPE B 10"
- (10) PORTLAND CEMENT CONCRETE SHOULDERS 10"
- (11) PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
- (12) NOT USED
- (13) CONCRETE BARRIER BASE
- (14) LONGITUDINAL CONSTRUCTION JOINT  
NO. 8 x 24" TIE BARS AT 24" CTS.
- (15) LONGITUDINAL SAWED JOINT  
NO. 8 x 30" TIE BARS AT 30" CTS.
- (16) TOPSOIL EXCAVATION AND PLACEMENT
- (17) PROPOSED EMBANKMENT
- (18) PROPOSED DRAINAGE DITCH
- (19) REINFORCED FILL
- (20) PAVEMENT (BY OTHERS)
- (21) SHOULDERS (BY OTHERS)
- (22) SUB-BASE (BY OTHERS)
- (23) SUBGRADE (BY OTHERS)
- (24) LEVELING BINDER (MACHINE METHOD), N70

TOPSOIL / UNSUITABLE EXCAVATION



PROPOSED TYPICAL SECTION - EAST FRONTAGE ROAD  
STA. 8013+82± TO STA. 8023+11.96  
STA. 8025+46.32 TO STA. 8041+37.50  
STA. 8042+99.99 TO STA. 8046+15.65  
STA. 8052+18.19 TO STA. 8057+52.95

- \*A VARIES 2% TO 6%
- \*B VARIES 2% TO 4%
- \*C VARIES 4% TO 6%



PROPOSED TYPICAL SECTION - ARSENAL ROAD (NORTHBOUND)  
 STA. 900+00 TO STA. 908+00  
 STA. 915+96.06 TO STA. 919+75

PROPOSED TYPICAL SECTION - ARSENAL ROAD (NORTHBOUND)  
 STA. 908+00 TO STA. 915+96.06

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

### HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
<b>HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10"</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"	4% @ 70 Gyr.
<b>PAVEMENT RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	4% @ 70 Gyr.
<b>HOT-MIX ASPHALT SHOULDERS, 8" OR HOT-MIX ASPHALT SHOULDERS, 10"</b>	
HMA SHOULDER (HMA BINDER IL-19 mm)	2% @ 30 Gyr.
<b>TEMPORARY PAVEMENT (12") (SEE NOTE 5)</b>	
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, 10 1/2" (IN 4 LIFTS)	4% @ 50 Gyr.
<b>STABILIZED SUB-BASE HOT-MIX ASPHALT, 4 1/2"</b>	
STABILIZED SUBBASE HMA, BAM	2% @ 30 Gyr.
<b>DRIVEWAYS</b>	
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.
<b>LEVELING BINDER (MACHINE METHOD), N70</b>	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 Gyr.

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 2: FOR "AC TYPE" AND "PERCENT 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.
- NOTE 4: A SURFACE COURSE IS NOT REQUIRED IF TEMPORARY PAVEMENT IS REMOVED WITHIN THE SAME CONSTRUCTION SEASON; USE BASE OR BINDER COURSE FULL DEPTH.
- NOTE 5: FROM ARSENAL ROAD STATION 904+00 TO 909+00 THE TEMPORARY PAVEMENT WILL BE PAID FOR PER TON OF BINDER AND SURFACE SPECIFIED IN THE MIX CHART. AT ALL OTHER LOCATIONS IT SHALL BE PAID PER SQUARE YARD.

- EXISTING LEGEND**
- (A) HMA PAVEMENT, 12" AND VARIES
  - (B) AGGREGATE BASE COURSE, 7" AND VARIES
  - (C) AGGREGATE SHOULDERS, VARIES
  - (D) PCC PAVEMENT, 10" OR HMA PAVEMENT, 12"

- PROPOSED LEGEND**
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
  - (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
  - (3) HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
  - (4) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
  - (5) STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
  - (6) AGGREGATE SUBGRADE 12"
  - (7) SUB-BASE GRANULAR MATERIAL, TYPE B
  - (8) AGGREGATE SHOULDERS, TYPE B 8"
  - (9) AGGREGATE SHOULDERS, TYPE B 10"
  - (10) PORTLAND CEMENT CONCRETE SHOULDERS 10"
  - (11) PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
  - (12) NOT USED
  - (13) CONCRETE BARRIER BASE
  - (14) LONGITUDINAL CONSTRUCTION JOINT NO. 8 x 24" TIE BARS AT 24" CTS.
  - (15) LONGITUDINAL SAWED JOINT NO. 8 x 30" TIE BARS AT 30" CTS.

- (16) TOPSOIL EXCAVATION AND PLACEMENT
  - (17) PROPOSED EMBANKMENT
  - (18) PROPOSED DRAINAGE DITCH
  - (19) REINFORCED FILL
  - (20) PAVEMENT (BY OTHERS)
  - (21) SHOULDERS (BY OTHERS)
  - (22) SUB-BASE (BY OTHERS)
  - (23) SUBGRADE (BY OTHERS)
  - (24) LEVELING BINDER (MACHINE METHOD), N70
- TOPSOIL / UNSUITABLE EXCAVATION

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

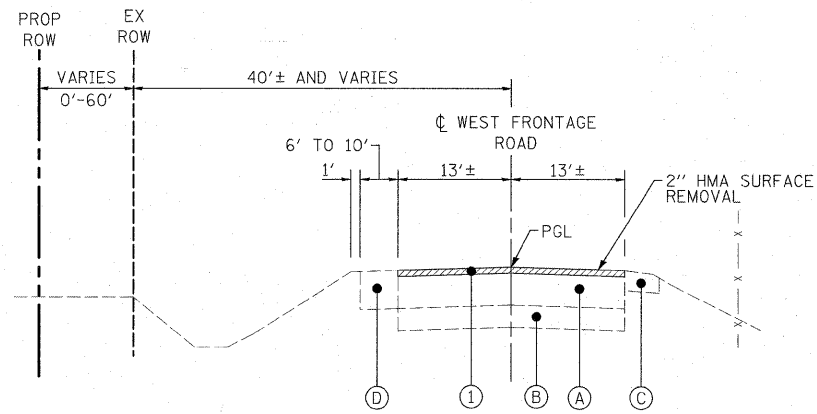
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		DRAWN - DMB	REVISED -
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		DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

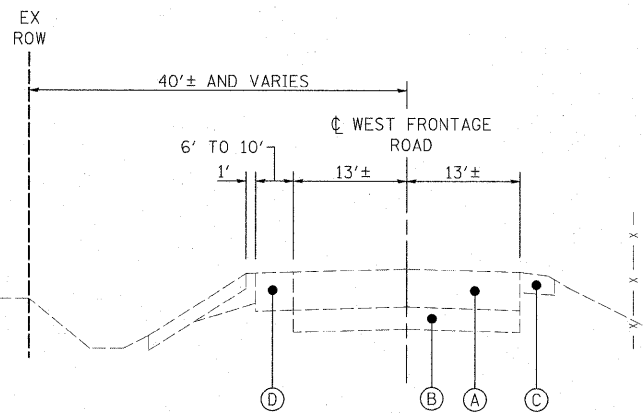
<b>TYPICAL SECTIONS</b>			
SCALE: N.T.S.	SHEET NO. 2 OF 5 SHEETS	STA. TO STA.	

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 60C31

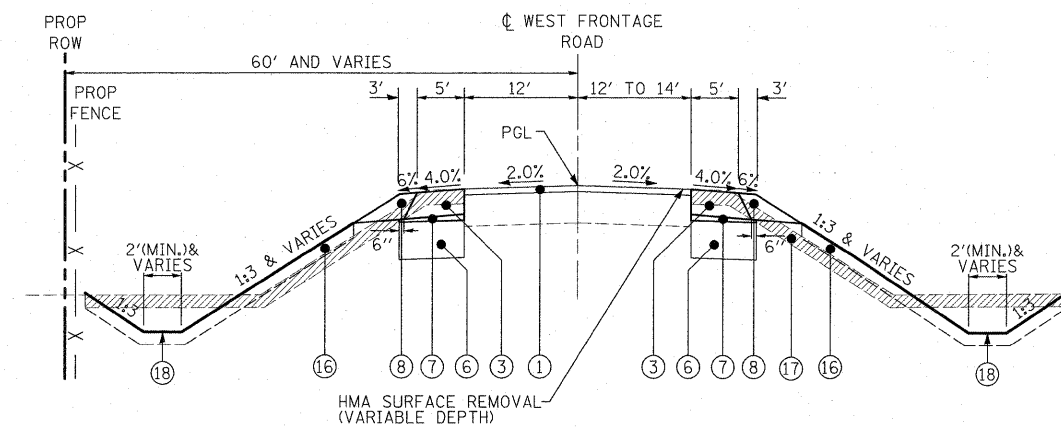
**FINAL**



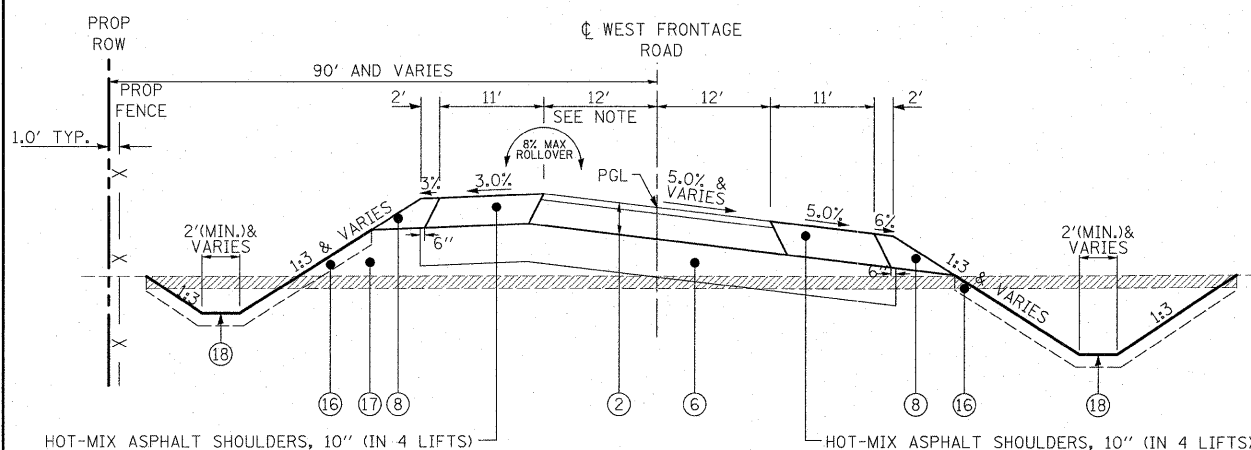
RESURFACING TYPICAL SECTION - WEST FRONTAGE ROAD  
STA. 4993+41.47 TO STA. 5009+50



EXISTING TYPICAL SECTION - WEST FRONTAGE ROAD  
STA. 6000+00 TO STA. 6078+00

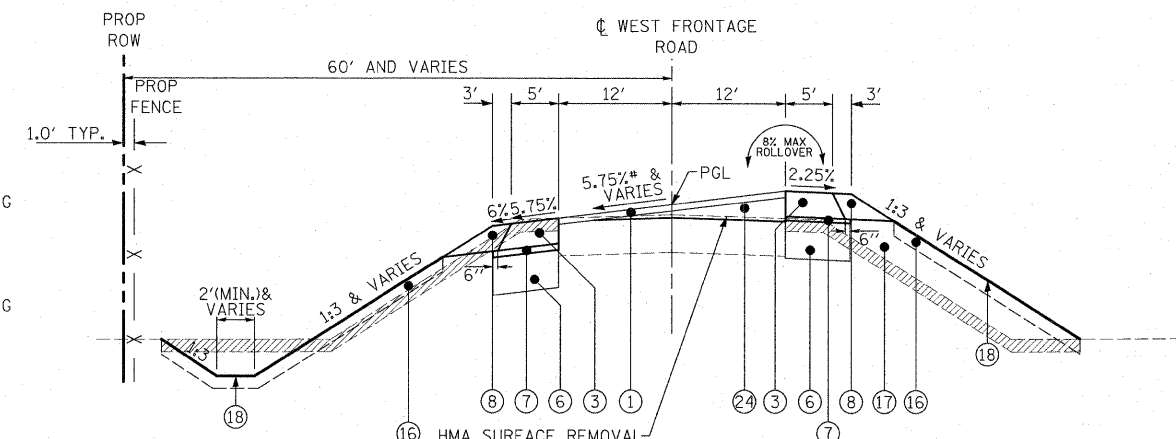


PROPOSED TYPICAL SECTION - WEST FRONTAGE ROAD ON TANGENT  
STA. 5009+50.00 TO STA. 5010+08.56

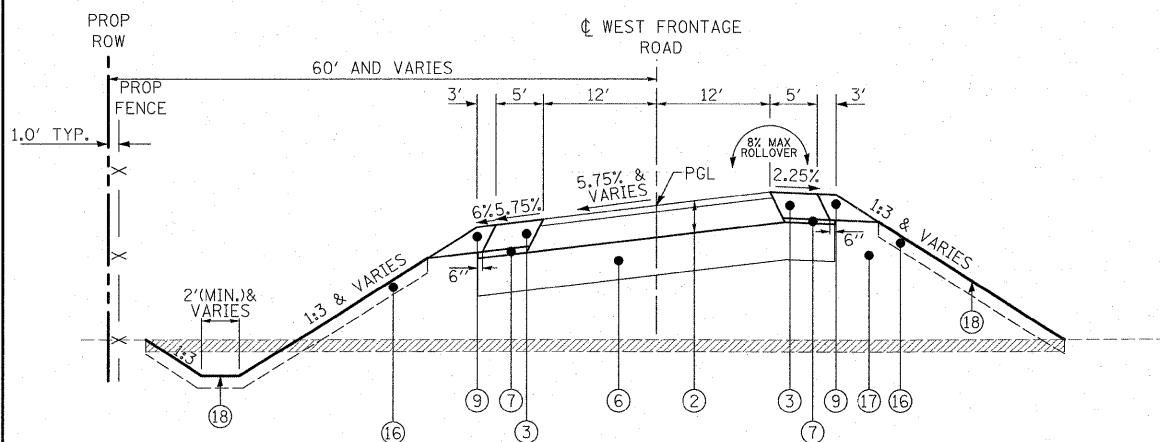


PROPOSED TYPICAL SECTION - WEST FRONTAGE ROAD ON CURVE  
STA. 5020+83.57 TO STA. 5021+64.57 (S.E. TRANSITION)  
STA. 5021+64.57 TO STA. 5023+67.85 (FULL S.E. 5.00%)  
STA. 5023+67.85 TO STA. 5024+81.85 (S.E. TRANSITION)  
NOTE: LT LANE VARIES FROM 12' TO 16.4'  
STA. 5023+94.85 TO STA. 5024+61.4

#PAVEMENT SLOPE TRANSITION  
SB LANE:  
STA. 5009+50.00 = MATCH EXISTING  
STA. 5010+00.00 = 2.00%  
STA. 5010+56.66 = 2.00%  
STA. 5011+94.56 = 5.75%  
NB LANE:  
STA. 5009+50.00 = MATCH EXISTING  
STA. 5010+00.00 = 2.00%  
STA. 5010+08.56 = 2.00%  
STA. 5011+94.56 = 5.75%  
SB SHOULDER:  
STA. 5009+50.00 = 4.00%  
STA. 5011+30.16 = 4.00%  
STA. 5011+94.56 = 5.75%  
NB SHOULDER:  
STA. 5009+00.00 = 4.00%  
STA. 5011+52.56 = 4.00%  
STA. 5011+94.56 = 2.25%



RESURFACING TYPICAL SECTION - WEST FRONTAGE ROAD  
(STA. 5010+08.56 TO STA. 5014+00)



PROPOSED TYPICAL SECTION - WEST FRONTAGE ROAD ON CURVE  
STA. 5014+00 TO STA. 5019+45.57 (FULL S.E. 5.75%)  
STA. 5019+45.57 TO STA. 5020+83.57 (S.E. TRANSITION)

- EXISTING LEGEND
- (A) HMA PAVEMENT, 12" AND VARIES
  - (B) AGGREGATE BASE COURSE, 7" AND VARIES
  - (C) AGGREGATE SHOULDERS, VARIES
  - (D) PCC PAVEMENT, 10" OR HMA PAVEMENT, 12"

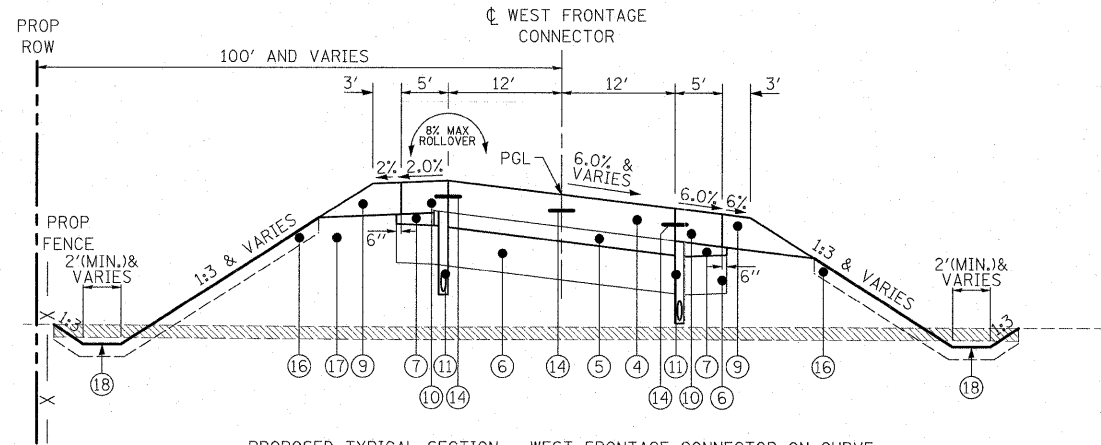
PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
- (3) HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- (4) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (5) STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
- (6) AGGREGATE SUBGRADE 12"
- (7) SUB-BASE GRANULAR MATERIAL, TYPE B
- (8) AGGREGATE SHOULDERS, TYPE B 8"
- (9) AGGREGATE SHOULDERS, TYPE B 10"
- (10) PORTLAND CEMENT CONCRETE SHOULDERS 10"
- (11) PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
- (12) NOT USED
- (13) CONCRETE BARRIER BASE
- (14) LONGITUDINAL CONSTRUCTION JOINT  
NO. 8 x 24" TIE BARS AT 24" CTS.
- (15) LONGITUDINAL SAWED JOINT  
NO. 8 x 30" TIE BARS AT 30" CTS.
- (16) TOPSOIL EXCAVATION AND PLACEMENT
- (17) PROPOSED EMBANKMENT
- (18) PROPOSED DRAINAGE DITCH
- (19) REINFORCED FILL
- (20) PAVEMENT (BY OTHERS)
- (21) SHOULDERS (BY OTHERS)
- (22) SUB-BASE (BY OTHERS)
- (23) SUBGRADE (BY OTHERS)
- (24) LEVELING BINDER (MACHINE METHOD), N70

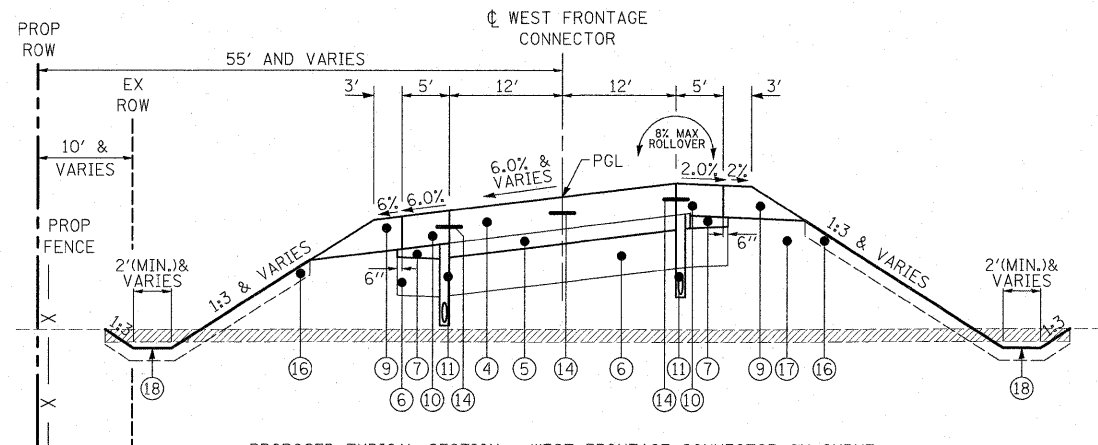
TOPSOIL SHALL BE PLACED ONLY IN LOCATIONS OF PERMANENT SEEDING. SEE LANDSCAPE PLAN FOR LIMITS/LOCATIONS.

FILE NAME = D160C31-SHT-TYPICAL 03.dgn	USER NAME = j1atour	DESIGNED - DMB	REVISED -
		DRAWN - DMB	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

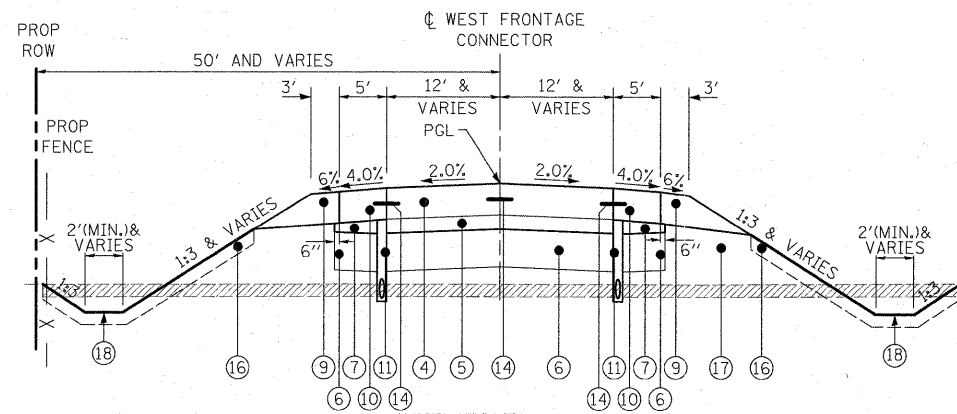
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	14
CONTRACT NO. 60C31			ILLINOIS FED. AID PROJECT	



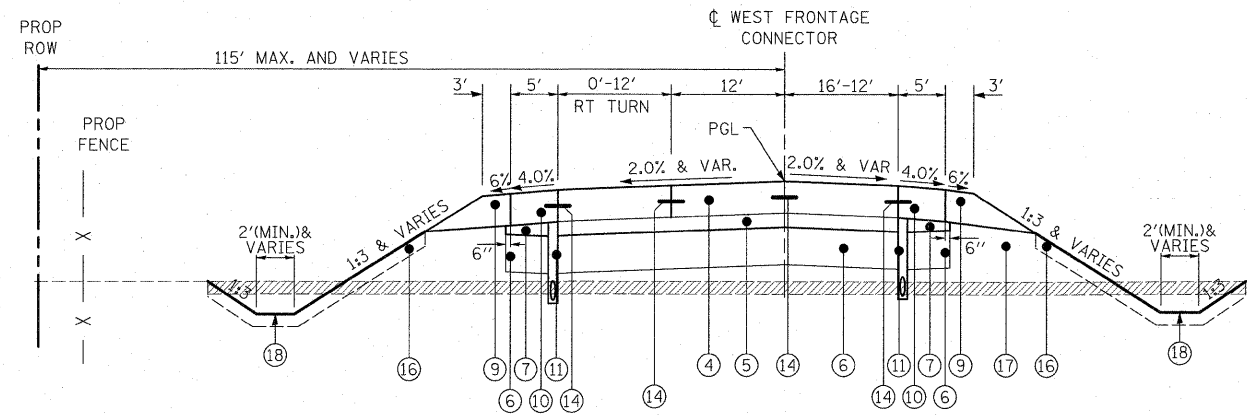
PROPOSED TYPICAL SECTION - WEST FRONTAGE CONNECTOR ON CURVE  
 STA. 6000+70.32 TO STA. 6002+62.32 (S.E. TRANSITION)  
 STA. 6002+62.32 TO STA. 6006+91.62 (FULL S.E. 6.00%)  
 STA. 6006+91.62 TO STA. 6008+83.62 (S.E. TRANSITION)



PROPOSED TYPICAL SECTION - WEST FRONTAGE CONNECTOR ON CURVE  
 STA. 6065+95.04 TO STA. 6067+87.04 (S.E. TRANSITION)  
 STA. 6067+87.04 TO STA. 6071+83.52 (FULL S.E. 6.00%)  
 STA. 6071+83.52 TO STA. 6073+75.52 (S.E. TRANSITION)



PROPOSED TYPICAL SECTION - WEST FRONTAGE CONNECTOR ON TANGENT  
 STA. 6008+83.62 TO STA. 6065+95.04  
 STA. 6073+75.52 TO STA. 6077+54.15



PROPOSED TYPICAL SECTION - WEST FRONTAGE CONNECTOR AT RT TURN LANES  
 STA. 6000+00 TO STA. 6005+09.54

PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
- ③ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- ④ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ⑤ STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
- ⑥ AGGREGATE SUBGRADE 12"
- ⑦ SUB-BASE GRANULAR MATERIAL, TYPE B
- ⑧ AGGREGATE SHOULDERS, TYPE B 8"
- ⑨ AGGREGATE SHOULDERS, TYPE B 10"
- ⑩ PORTLAND CEMENT CONCRETE SHOULDERS 10"
- ⑪ PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
- ⑫ NOT USED
- ⑬ CONCRETE BARRIER BASE
- ⑭ LONGITUDINAL CONSTRUCTION JOINT  
NO. 8 x 24" TIE BARS AT 24" CTS.
- ⑮ LONGITUDINAL SAWED JOINT  
NO. 8 x 30" TIE BARS AT 30" CTS.
- ⑯ TOPSOIL EXCAVATION AND PLACEMENT
- ⑰ PROPOSED EMBANKMENT
- ⑱ PROPOSED DRAINAGE DITCH
- ⑲ REINFORCED FILL
- ⑳ PAVEMENT (BY OTHERS)
- ㉑ SHOULDERS (BY OTHERS)
- ㉒ SUB-BASE (BY OTHERS)
- ㉓ SUBGRADE (BY OTHERS)
- ㉔ LEVELING BINDER (MACHINE METHOD), N70

EXISTING LEGEND

- Ⓐ HMA PAVEMENT, 12" AND VARIES
- Ⓑ AGGREGATE BASE COURSE, 7" AND VARIES
- Ⓒ AGGREGATE SHOULDERS, VARIES
- Ⓓ PCC PAVEMENT, 10" OR HMA PAVEMENT, 12"

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

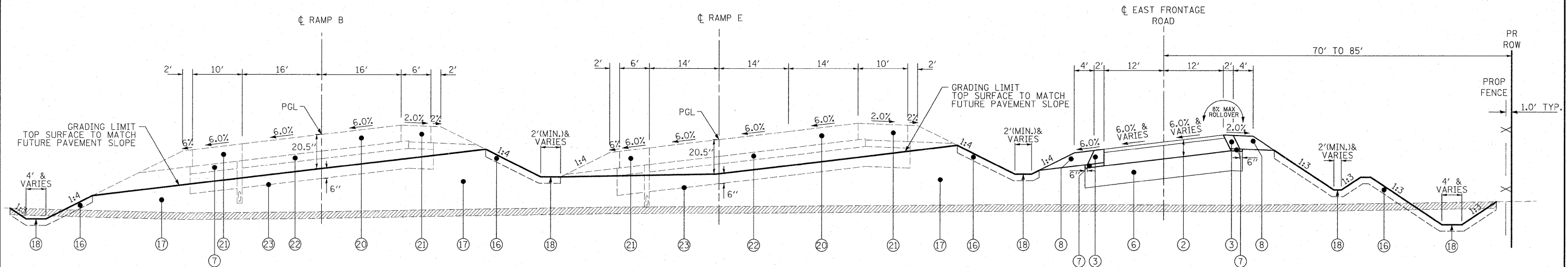
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	15
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = j1etour	DESIGNED - DMB	REVISED -
D162C31-SHT-TYPICAL 04.dgn		DRAWN - DMB	REVISED -
	PLOT SCALE = 1:10	CHECKED - DLT	REVISED -
	PLOT DATE = 1/20/2018	DATE - 12/18/09	REVISED -



PROPOSED TYPICAL SECTION - RAMP B GRADING  
STA. 3000+00 TO STA. 3045+00

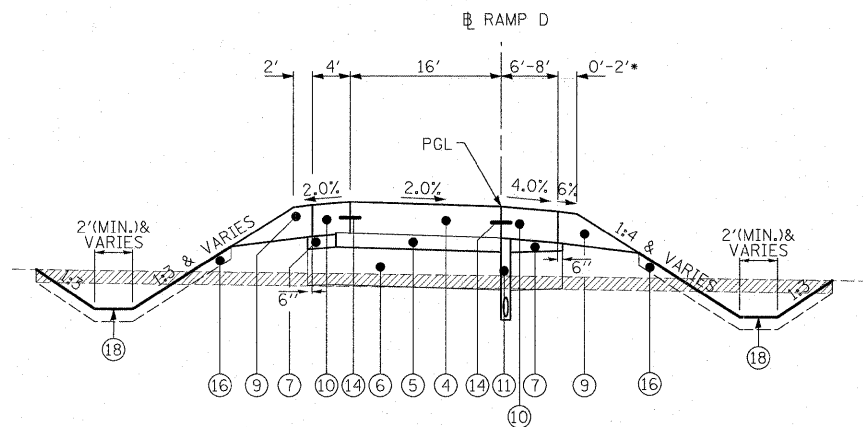
PROPOSED TYPICAL SECTION - RAMP E GRADING  
STA. 100+00 TO STA. 126+08.25

PROPOSED TYPICAL SECTION - EAST FRONTAGE ROAD  
STA. 8025+46.32 TO STA. 8041+37.50  
STA. 8052+18.19 TO STA. 8057+12.79

PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE. MIX "D", N70, 2"
- ② HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
- ③ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- ④ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ⑤ STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
- ⑥ AGGREGATE SUBGRADE 12"
- ⑦ SUB-BASE GRANULAR MATERIAL, TYPE B
- ⑧ AGGREGATE SHOULDERS, TYPE B 8"
- ⑨ AGGREGATE SHOULDERS, TYPE B 10"
- ⑩ PORTLAND CEMENT CONCRETE SHOULDERS 10"
- ⑪ PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
- ⑫ NOT USED
- ⑬ CONCRETE BARRIER BASE
- ⑭ LONGITUDINAL CONSTRUCTION JOINT NO. 8 x 24" TIE BARS AT 24" CTS.
- ⑮ LONGITUDINAL SAWS JOINT NO. 8 x 30" TIE BARS AT 30" CTS.
- ⑯ TOPSOIL EXCAVATION AND PLACEMENT
- ⑰ PROPOSED EMBANKMENT
- ⑱ PROPOSED DRAINAGE DITCH
- ⑲ REINFORCED FILL
- ⑳ PAVEMENT (BY OTHERS)
- ㉑ SHOULDERS (BY OTHERS)
- ㉒ SUB-BASE (BY OTHERS)
- ㉓ SUBGRADE (BY OTHERS)
- ㉔ LEVELING BINDER (MACHINE METHOD), N70
- TOPSOIL / UNSUITABLE EXCAVATION

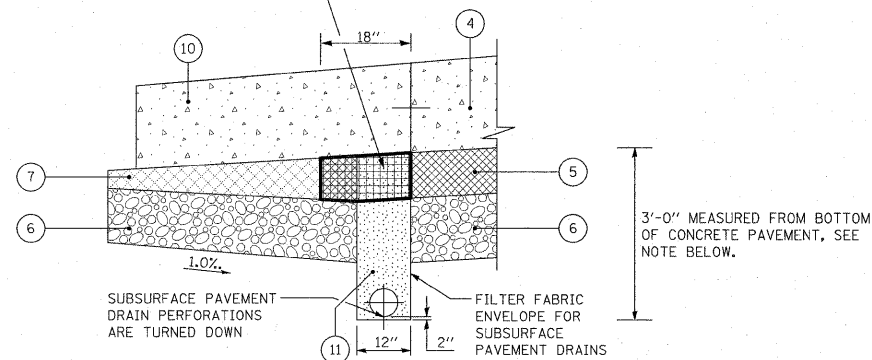
TOPSOIL SHALL BE PLACED ONLY IN LOCATIONS OF PERMANENT SEEDING. SEE LANDSCAPE PLAN FOR LIMITS/LOCATIONS.



PROPOSED TYPICAL SECTION - RAMP D

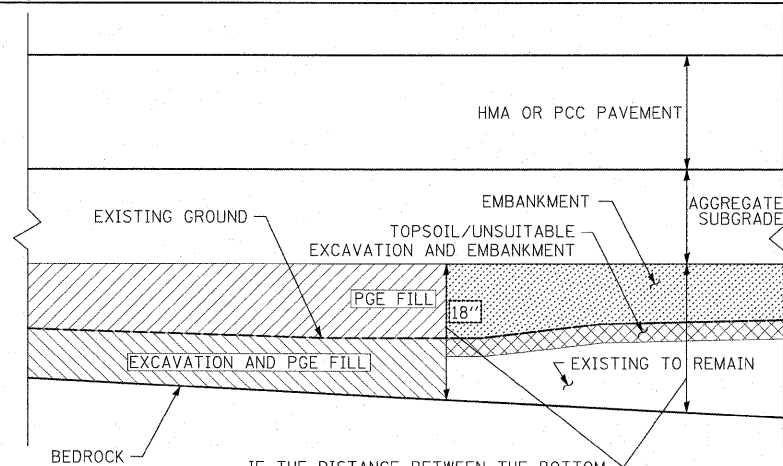
STA. 4000+00 TO STA. 4009+21  
\*CONCRETE BARRIER, DOUBLE FACE, 42" W/ CONCRETE BARRIER BASE FROM STA. 4008+00 TO STA. 4009+21

STABILIZED SUBBASE TO BE REMOVED FOR PIPE UNDERDRAIN INSTALLATION. COST TO PERFORM THIS WORK IS INCLUDED IN THE INSTALLATION OF THE UNDERDRAIN.



NOTE:  
AT THE ENGINEER'S DISCRETION THE DEPTH OF THE UNDERDRAIN MAY BE MODIFIED WHEN IN CONFLICT WITH BEDROCK. IN THESE AREAS, THE LOCATION OF OUTLET STRUCTURES SHALL BE MODIFIED TO MAINTAIN POSITIVE DRAINAGE. THIS WORK SHALL BE INCLUDED IN THE COST OF THE UNDERDRAIN.

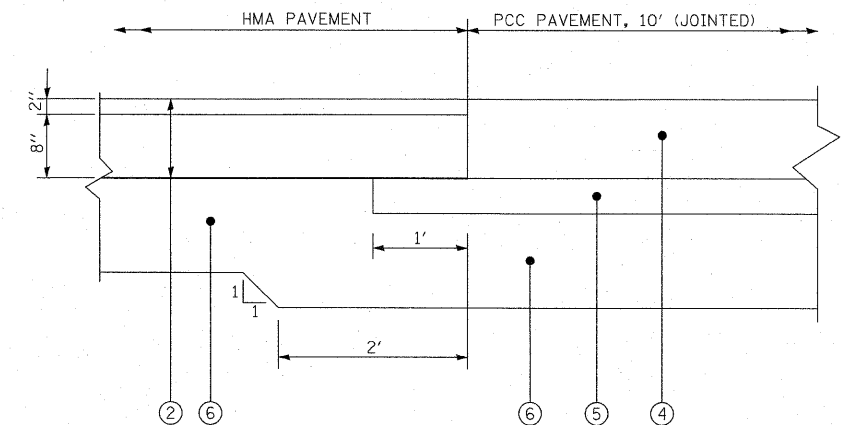
PIPE UNDERDRAIN 6", 36" NOMINAL DEPTH DETAIL



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



HMA PAVEMENT TO PCC PAVEMENT DETAIL

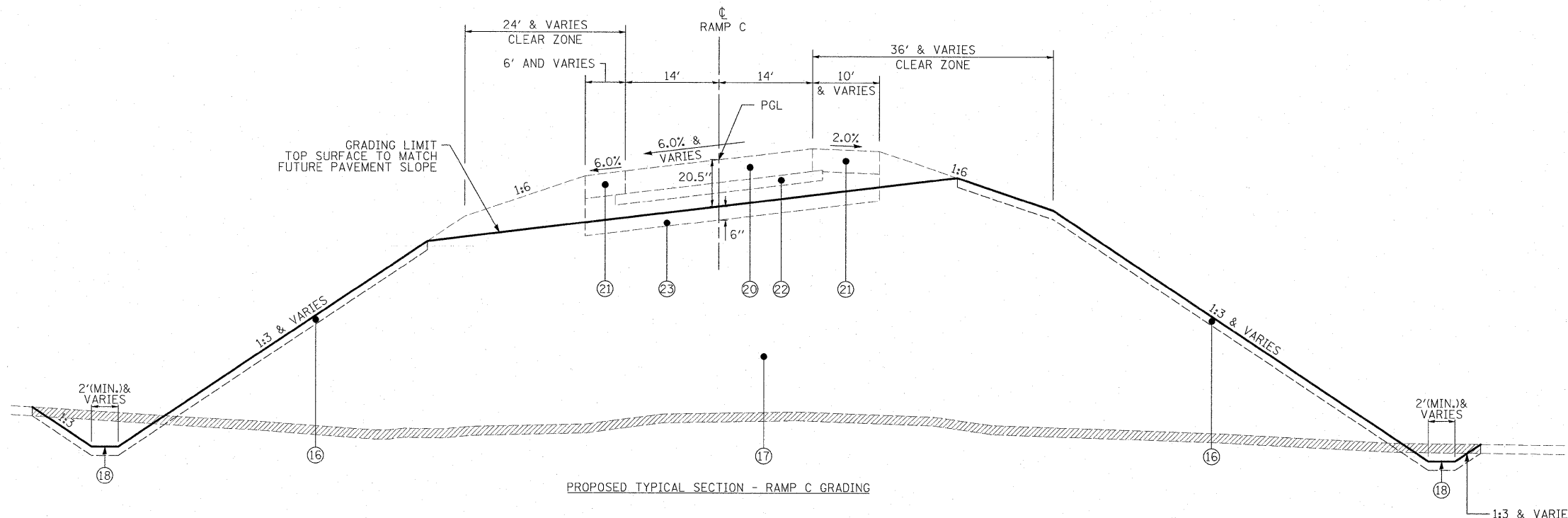
FILE NAME =	USER NAME = jlatour	DESIGNED - DMB	REVISED -
D160C31-SHT-TYPICAL 05.dgn		DRAWN - DMB	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	16
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

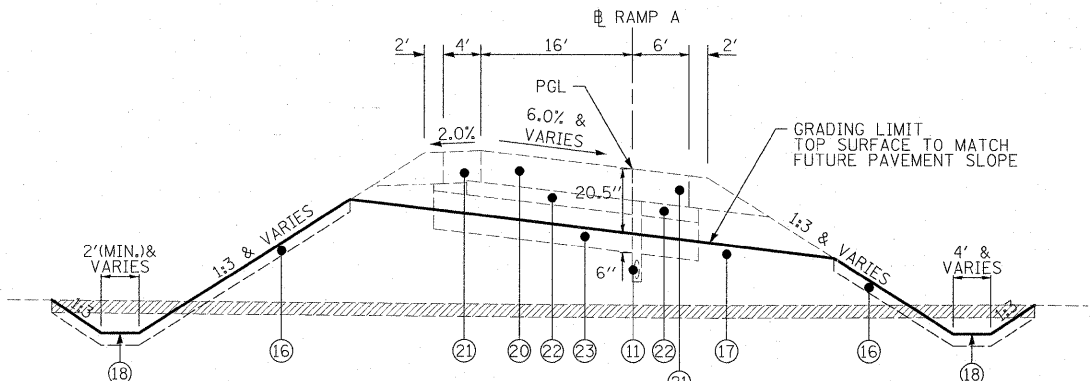


PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE. MIX "D", N70, 2"
  - ② HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
  - ③ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
  - ④ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
  - ⑤ STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
  - ⑥ AGGREGATE SUBGRADE 12"
  - ⑦ SUB-BASE GRANULAR MATERIAL, TYPE B
  - ⑧ AGGREGATE SHOULDERS, TYPE B 8"
  - ⑨ AGGREGATE SHOULDERS, TYPE B 10"
  - ⑩ PORTLAND CEMENT CONCRETE SHOULDERS 10"
  - ⑪ PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
  - ⑫ NOT USED
  - ⑬ CONCRETE BARRIER BASE
  - ⑭ LONGITUDINAL CONSTRUCTION JOINT NO. 8 x 24" TIE BARS AT 24" CTS.
  - ⑮ LONGITUDINAL SAWED JOINT NO. 8 x 30" TIE BARS AT 30" CTS.
  - ⑯ TOPSOIL EXCAVATION AND PLACEMENT
  - ⑰ PROPOSED EMBANKMENT
  - ⑱ PROPOSED DRAINAGE DITCH
  - ⑲ REINFORCED FILL
  - ⑳ PAVEMENT (BY OTHERS)
  - ㉑ SHOULDERS (BY OTHERS)
  - ㉒ SUB-BASE (BY OTHERS)
  - ㉓ SUBGRADE (BY OTHERS)
  - ㉔ LEVELING BINDER (MACHINE METHOD), N70
- ▨ TOPSOIL / UNSUITABLE EXCAVATION

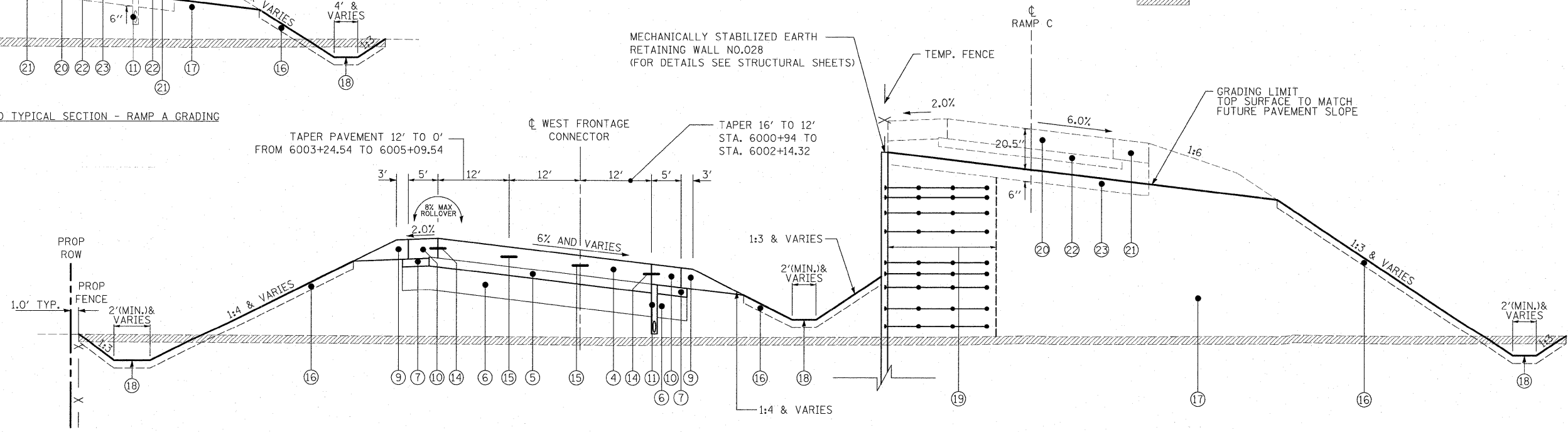


PROPOSED TYPICAL SECTION - RAMP C GRADING



PROPOSED TYPICAL SECTION - RAMP A GRADING

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



PROPOSED TYPICAL SECTION - WEST FRONTAGE CONNECTOR AND RAMP C GRADING AT RETAINING WALL (SECTION LOOKING NORTH)

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

FILE NAME = D:\00C31-SHT-TYPICAL06.dgn	USER NAME = jiatour	DESIGNED - DMB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>	F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 17
PLOT SCALE = 1:10	PLOT DATE = 1/20/2010	CHECKED - DLT	REVISED -	SCALE: N.T.S. SHEET NO. 5 OF 5 SHEETS STA. TO STA.		CONTRACT NO. 60C31				
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE FOR 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.
<b>ARSENAL STAGE 1</b>								
905+00.00	906+00.00	0	0	0	125	-125	0	0
906+00.00	907+00.00	0	0	0	110	-110	0	0
<b>SUB TOTAL</b>		0	0	0	235	-235	0	0
<b>WEST FRONTAGE CONNECTOR STAGE 1*</b>								
6027+00.00	6028+00.00	0	0	0	0	0	0	0
6028+00.00	6029+00.00	0	0	0	0	0	0	0
6029+00.00	6030+00.00	0	0	0	0	0	0	0
6030+00.00	6031+00.00	0	0	0	0	0	0	0
6031+00.00	6032+00.00	0	0	0	0	0	0	0
6032+00.00	6033+00.00	0	0	0	0	0	0	0
6033+00.00	6034+00.00	0	0	0	0	0	0	0
<b>SUB TOTAL</b>		0	0	0	0	0	0	0
6078+00.00	6079+00.00	0	0	0	15	-15	0	0
6079+00.00	6080+00.00	0	0	0	15	-15	0	0
<b>SUB TOTAL</b>		0	0	0	30	-30	0	0
<b>WEST FRONTAGE CONNECTOR STAGE 2</b>								
6078+00.00	6079+00.00	0	0	0	15	-15	0	0
6079+00.00	6080+00.00	0	0	0	10	-10	0	0
<b>SUB TOTAL</b>		0	0	0	25	-25	0	0
<b>RAMP D STAGE 1</b>								
4005+00.00	4006+00.00	0	0	0	5	-5	0	0
4006+00.00	4007+00.00	0	0	0	10	-10	0	0
4007+00.00	4008+00.00	0	0	0	10	-10	0	0
4008+00.00	4009+00.00	0	0	0	10	-10	0	0
<b>SUB TOTAL</b>		0	0	0	35	-35	0	0
<b>RAMP D STAGE 1A</b>								
4005+00.00	4006+00.00	0	0	0	10	-10	0	0
4006+00.00	4007+00.00	0	0	0	20	-20	0	0
4007+00.00	4008+00.00	0	0	0	15	-15	0	0
4008+00.00	4009+00.00	0	0	0	10	-10	0	0
<b>SUB TOTAL</b>		0	0	0	55	-55	0	0

\* EARTHWORK FOR TEMPORARY PAVEMENT INCLUDED IN FINAL CROSS SECTION END AREAS

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	38	235	30	575	-545	0	5
901+00.00	902+00.00	30	230	25	645	-620	0	0
902+00.00	903+00.00	28	220	25	655	-630	0	0
903+00.00	904+00.00	25	215	20	675	-655	0	0
904+00.00	905+00.00	10	230	10	820	-810	0	0
905+00.00	906+00.00	2	235	0	900	-900	0	0
906+00.00	907+00.00	2	215	0	940	-940	0	0
907+00.00	908+00.00	2	210	0	960	-960	0	0
908+00.00	909+00.00	26	175	20	885	-865	0	0
909+00.00	910+00.00	52	130	45	845	-800	0	0
910+00.00	911+00.00	58	125	50	870	-820	0	0
911+00.00	912+00.00	54	115	45	895	-850	0	0
912+00.00	913+00.00	50	110	45	865	-820	0	0
913+00.00	914+00.00	50	110	45	815	-770	0	0
914+00.00	915+00.00	54	105	45	755	-710	0	0
915+00.00	915+96.06	29	135	25	740	-715	0	0
915+96.06	916+00.00	0	10	0	35	-35	0	0
916+00.00	917+00.00	10	180	10	730	-720	0	0
917+00.00	918+00.00	23	190	20	575	-555	0	0
918+00.00	919+00.00	39	195	35	500	-465	0	0
919+00.00	920+00.00	104	100	90	330	-240	0	0
<b>SUB TOTAL</b>		686	3,470	585	15,010	-14,425	0	5

\* ASSUME 15% FOR SHRINKAGE

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

FILE NAME = 0160C31-SHT-SCHEDULE01.dgn	USER NAME = TKluigel	DESIGNED - TRK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>			F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 18
PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	SCALE: NONE					SHEET NO. 1 OF 11 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		CONTRACT NO. 60C31
PLOT DATE = 12/15/2009	DATE - 12/18/09	REVISED -										

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.
6000+00.00	6001+00.00	91	165	75	550	-475	0	0
6001+00.00	6002+00.00	134	330	115	1,370	-1,255	0	0
6002+00.00	6003+00.00	65	340	55	1,840	-1,785	0	0
6003+00.00	6004+00.00	69	345	60	1,750	-1,690	0	0
6004+00.00	6005+00.00	95	305	80	1,195	-1,115	0	0
6005+00.00	6006+00.00	71	250	60	900	-840	0	0
6006+00.00	6007+00.00	41	235	35	870	-835	0	0
6007+00.00	6008+00.00	71	250	60	575	-515	0	15
6008+00.00	6009+00.00	158	260	135	190	-55	56	45
6009+00.00	6010+00.00	165	260	140	135	5	56	40
6010+00.00	6011+00.00	160	235	135	150	-15	75	10
6011+00.00	6012+00.00	186	215	160	100	60	75	15
6012+00.00	6013+00.00	267	280	225	45	180	0	30
6013+00.00	6014+00.00	280	295	240	60	180	0	30
6014+00.00	6015+00.00	234	230	200	100	100	0	25
6015+00.00	6016+00.00	300	245	255	120	135	0	30
6016+00.00	6017+00.00	334	285	285	215	70	0	25
6017+00.00	6018+00.00	350	295	350	315	-15	0	25
6018+00.00	6019+00.00	386	310	330	350	-20	0	40
6019+00.00	6020+00.00	382	315	325	275	50	0	65
6020+00.00	6021+00.00	367	315	367	160	150	0	80
6021+00.00	6022+00.00	389	285	330	150	180	0	75
6022+00.00	6023+00.00	493	245	420	115	305	0	50
6023+00.00	6024+00.00	695	235	590	40	550	0	30
6024+00.00	6024+79.93	581	120	495	10	485	0	20
6024+79.93	6025+00.00	115	30	100	5	95	0	5
6025+00.00	6026+00.00	415	225	355	85	270	0	0
6026+00.00	6027+00.00	289	195	245	140	105	0	0
6027+00.00	6028+00.00	175	165	150	160	-10	0	0
6028+00.00	6029+00.00	80	160	70	210	-140	0	0
6029+00.00	6030+00.00	34	165	30	255	-225	0	0
6030+00.00	6031+00.00	32	140	25	235	-210	0	0
6031+00.00	6032+00.00	28	135	25	245	-220	0	0
6032+00.00	6033+00.00	32	175	25	285	-260	0	0
6033+00.00	6034+00.00	130	190	110	235	-125	0	0
6034+00.00	6034+53.77	171	80	145	95	50	0	0
6034+53.77	6035+00.00	159	75	135	85	50	0	0
6035+00.00	6036+00.00	217	160	185	155	30	0	0
6036+00.00	6037+00.00	206	130	175	150	25	0	0
6037+00.00	6037+77.03	276	120	235	115	120	0	0
6037+77.03	6038+00.00	112	45	95	40	55	0	0
6038+00.00	6038+73.00	291	130	245	110	135	0	0
6038+73.00	6039+00.00	72	40	60	40	20	0	5
6039+00.00	6039+29.00	60	35	50	45	5	0	5
6039+29.00	6040+00.00	125	80	105	120	-15	0	5
6040+00.00	6041+00.00	163	155	140	220	-80	0	5
6041+00.00	6041+09.00	15	15	15	20	-5	0	5
6041+09.00	6041+24.00	23	25	20	25	-5	0	5
6041+24.00	6042+00.00	113	140	95	160	-65	0	15
6042+00.00	6043+00.00	238	170	200	155	45	0	40
6043+00.00	6044+00.00	210	160	180	130	50	0	50
6044+00.00	6045+00.00	188	145	160	180	-20	0	45
6045+00.00	6046+00.00	188	145	160	200	-40	0	20
6046+00.00	6047+00.00	73	165	60	220	-160	0	10
6047+00.00	6048+00.00	45	170	40	215	-175	0	10
6048+00.00	6049+00.00	36	180	30	190	-160	0	0
6049+00.00	6050+00.00	45	165	40	150	-110	0	0
6050+00.00	6051+00.00	91	150	75	110	-35	0	0
6051+00.00	6052+00.00	132	145	110	120	-10	0	0
6052+00.00	6053+00.00	154	145	130	130	0	0	0
6053+00.00	6054+00.00	150	145	130	125	5	0	0
6054+00.00	6055+00.00	84	150	70	190	-120	0	0
6055+00.00	6055+45.65	18	50	15	90	-75	0	0
6055+45.65	6056+00.00	17	55	15	100	-85	0	0
6056+00.00	6057+00.00	28	100	25	170	-145	0	0
6057+00.00	6058+00.00	43	110	35	125	-90	0	0
6058+00.00	6059+00.00	100	150	85	85	0	0	0
6059+00.00	6060+00.00	165	150	140	50	90	0	0
6060+00.00	6061+00.00	160	130	135	35	100	0	0
6061+00.00	6062+00.00	119	100	100	30	70	0	0
6062+00.00	6063+00.00	97	70	80	25	55	0	0
6063+00.00	6064+00.00	132	110	110	30	80	0	0
6064+00.00	6065+00.00	165	125	140	30	110	0	0
6065+00.00	6066+00.00	191	100	160	25	135	0	0
6066+00.00	6067+00.00	165	110	140	40	100	0	0

\* ASSUME 15% FOR SHRINKAGE

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

FILE NAME = D:\6031-SHT-SCHEDULE02.dgn	USER NAME = TKluegel	DESIGNED - TRK	REVISIONS -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>			F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 19
PLOT SCALE = 1:50	CHECKED - DLT	REVISIONS -	SHEET NO. 2 OF 11 SHEETS					STA. TO STA.	CONTRACT NO. 60C31			
PLOT DATE = 12/14/2009	DATE - 12/18/09	REVISIONS -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT									

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.
6067+00.00	6068+00.00	141	85	120	85	35	0	0
6068+00.00	6068+20.21	33	10	30	25	5	0	0
6068+20.21	6069+00.00	104	70	90	90	0	0	0
6069+00.00	6070+00.00	119	130	100	115	-15	0	0
6070+00.00	6071+00.00	158	120	135	85	50	0	0
6071+00.00	6072+00.00	202	110	170	45	125	0	0
6072+00.00	6073+00.00	136	100	115	65	50	0	0
6073+00.00	6074+00.00	32	100	25	115	-90	0	0
6074+00.00	6075+00.00	34	95	30	115	-85	0	0
6075+00.00	6076+00.00	84	95	70	80	-10	0	0
6076+00.00	6077+00.00	149	100	125	60	65	0	0
6077+00.00	6078+00.00	89	55	75	35	40	0	0
SUB TOTAL		14,012	13,920	11,900	18,680	-6,780	262	875

EARTHWORK SCHEDULE WEST FRONTAGE 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.
4994+00.00	4995+00.00	8	60	5	10	-5	0	0
4995+00.00	4996+00.00	32	60	25	10	15	0	0
4996+00.00	4997+00.00	67	65	55	5	50	0	0
4997+00.00	4998+00.00	82	75	70	5	65	0	0
4998+00.00	4999+00.00	84	70	70	5	65	0	0
4999+00.00	5000+00.00	67	65	55	10	45	0	0
5000+00.00	5001+00.00	50	55	45	20	25	0	0
5001+00.00	5001+60.24	19	15	15	10	5	0	0
5001+60.24	5002+00.00	8	15	5	5	0	0	0
5002+00.00	5003+00.00	38	65	30	10	20	0	0
5003+00.00	5004+00.00	36	60	30	10	20	0	0
5004+00.00	5004+74.48	13	25	10	5	5	0	0
5004+74.48	5005+00.00	2	0	0	0	0	0	0
5005+00.00	5006+00.00	17	35	15	15	0	0	0
5006+00.00	5006+74.34	27	25	25	10	15	0	0
5006+74.34	5007+00.00	5	0	5	0	5	0	0
5007+00.00	5008+00.00	10	35	10	5	5	0	0
5008+00.00	5009+00.00	50	75	45	10	35	0	5
5009+00.00	5010+00.00	89	80	75	15	60	0	10
5010+00.00	5011+00.00	160	100	135	35	100	0	10
5011+00.00	5012+00.00	250	130	215	100	115	0	30
5012+00.00	5013+00.00	384	155	325	75	250	0	55
5013+00.00	5013+39.23	147	35	125	5	120	19	15
5013+39.23	5014+00.00	230	60	195	80	115	68	40
5014+00.00	5015+00.00	502	230	425	240	185	121	180
5015+00.00	5016+00.00	443	290	375	235	140	102	235
5016+00.00	5017+00.00	393	330	335	260	75	93	240
5017+00.00	5018+00.00	321	360	275	310	-35	47	200
5018+00.00	5019+00.00	278	345	235	350	-115	0	150
5019+00.00	5020+00.00	393	380	335	280	55	0	120
5020+00.00	5021+00.00	615	475	525	140	385	0	100
5021+00.00	5022+00.00	689	500	585	85	500	0	55
5022+00.00	5023+00.00	656	500	560	150	410	0	0
5023+00.00	5024+00.00	632	505	535	365	170	0	0
5024+00.00	5025+00.00	438	520	370	950	-580	0	10
SUB TOTAL		7,235	5,795	6,140	3,820	2,320	450	1,455

\* ASSUME 15% FOR SHRINKAGE

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

FILE NAME = D:\60C31-SHT-SCHEDULE03.dgn	USER NAME = TKLuegel	DESIGNED - TRK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>			F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 20
PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	SCALE: NONE					SHEET NO. 3 OF 11 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT		
PLOT DATE = 12/14/2009	DATE - 12/18/09	REVISED -					CONTRACT NO. 60C31					

EARTHWORK SCHEDULE EAST FRONTAGE 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.
7998+00.00	7999+00.00	0	0	0	0	0	0	0
7999+00.00	8000+00.00	4	0	5	0	5	0	0
8000+00.00	8001+00.00	10	0	10	0	10	0	0
8001+00.00	8002+00.00	28	30	25	10	-15	0	0
8002+00.00	8003+00.00	88	65	75	15	-5	0	0
8003+00.00	8004+00.00	156	80	135	15	40	0	0
8004+00.00	8005+00.00	178	115	150	45	-10	0	0
8005+00.00	8006+00.00	171	150	145	75	-80	0	0
8006+00.00	8007+00.00	149	160	125	80	-115	0	0
8007+00.00	8007+25.00	32	30	25	15	-20	0	0
8007+25.00	8008+00.00	141	95	120	50	-25	0	0
8008+00.00	8009+00.00	250	190	215	115	-90	0	0
8009+00.00	8010+00.00	262	195	225	160	-130	0	0
8010+00.00	8011+00.00	297	205	250	200	-155	0	0
8011+00.00	8012+00.00	326	210	275	215	-150	0	0
8012+00.00	8013+00.00	399	215	340	190	-65	0	0
8013+00.00	8014+00.00	688	270	585	190	125	0	30
8014+00.00	8015+00.00	847	320	720	260	140	0	90
8015+00.00	8016+00.00	632	330	535	315	-110	0	150
8016+00.00	8017+00.00	523	370	445	400	-325	0	280
8017+00.00	8018+00.00	484	550	410	1,925	-2,065	0	335
8018+00.00	8018+74.00	379	570	320	2,990	-3,240	0	275
8018+74.00	8019+00.00	113	200	95	1,310	-1,415	0	65
8019+00.00	8020+00.00	189	720	160	6,345	-6,905	0	15
8020+00.00	8021+00.00	78	740	65	8,460	-9,135	0	0
8021+00.00	8022+00.00	12	725	10	10,130	-10,845	0	0
8022+00.00	8023+00.00	0	640	0	9,715	-10,355	0	0
8023+00.00	8024+00.00	4	555	5	7,855	-8,405	0	0
8024+00.00	8025+00.00	17	490	15	5,965	-6,440	0	0
8025+00.00	8026+00.00	25	525	20	5,650	-6,155	0	0
8026+00.00	8027+00.00	17	590	15	5,835	-6,410	0	0
8027+00.00	8028+00.00	10	575	10	4,750	-5,315	0	0
8028+00.00	8029+00.00	21	555	20	3,570	-4,105	0	0
8029+00.00	8030+00.00	39	535	35	2,555	-3,055	0	0
8030+00.00	8030+43.60	32	240	25	990	-1,205	0	0
8030+43.60	8031+00.00	29	310	25	1,095	-1,380	0	15
8031+00.00	8032+00.00	38	535	30	1,745	-2,250	0	30
8032+00.00	8033+00.00	78	530	65	2,020	-2,485	0	0
8033+00.00	8034+00.00	62	530	55	2,130	-2,605	0	15
8034+00.00	8035+00.00	49	530	40	2,260	-2,750	0	25
8035+00.00	8036+00.00	69	535	60	2,230	-2,705	0	15
8036+00.00	8037+00.00	82	535	70	2,280	-2,745	0	5
8037+00.00	8038+00.00	76	530	65	2,560	-3,025	0	0
8038+00.00	8039+00.00	65	535	55	2,860	-3,340	0	0
8039+00.00	8040+00.00	52	535	45	3,160	-3,650	0	0
8040+00.00	8041+00.00	36	540	30	3,450	-3,960	0	10
8041+00.00	8042+00.00	30	580	25	3,500	-4,055	0	10
8042+00.00	8043+00.00	34	650	30	3,600	-4,220	0	5
8043+00.00	8044+00.00	39	530	35	2,770	-3,265	0	0
8044+00.00	8045+00.00	38	340	30	1,600	-1,910	0	0
8045+00.00	8046+00.00	25	300	20	1,425	-1,705	0	0
8046+00.00	8047+00.00	19	325	15	1,215	-1,525	0	0
8047+00.00	8048+00.00	23	400	20	950	-1,330	0	0
8048+00.00	8049+00.00	100	455	85	935	-1,305	0	15
8049+00.00	8049+25.00	25	160	20	600	-740	0	5
8049+25.00	8050+00.00	23	600	20	2,160	-2,740	0	0
8050+00.00	8051+00.00	43	795	35	1,740	-2,500	0	0
8051+00.00	8051+65.00	34	510	30	1,170	-1,650	0	0
8051+65.00	8052+00.00	18	210	15	505	-700	0	0
8052+00.00	8053+00.00	47	770	40	805	-1,535	0	0
8053+00.00	8054+00.00	184	710	155	465	-1,020	112	0
8054+00.00	8055+00.00	328	300	280	85	-105	204	0
8055+00.00	8056+00.00	282	275	240	75	-110	149	0
8056+00.00	8057+00.00	145	265	125	240	-380	56	0
SUB TOTAL		8,674	25,060	7,370	130,025	-147,715	521	1,390

\* ASSUME 15% FOR SHRINKAGE

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

FILE NAME = D:\B2C31-SHT-SCHEDULE\B4.dgn	USER NAME = TKLuegel	DESIGNED - TRK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>			F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 21
PLOT SCALE = 1:50	CHECKED - DLT	DATE - 12/18/09	REVISED -		SCALE: NONE	SHEET NO. 4 OF 11 SHEETS	STA. TO STA.	CONTRACT NO. 60C31				
PLOT DATE = 12/14/2009	DATE - 12/18/09	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

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	0	330	0	845	-845	0	0
3002+00.00	3003+00.00	417	190	355	1,130	-775	0	10
3003+00.00	3004+00.00	628	680	535	1,250	-715	0	35
3004+00.00	3004+23.22	114	255	95	260	-165	0	35
3004+23.22	3005+00.00	667	925	565	730	-165	0	135
3005+00.00	3005+69.65	1,535	1,075	1,305	420	885	0	60
3005+69.65	3006+00.00	784	400	665	220	445	0	20
3006+00.00	3007+00.00	2,097	1,350	1,780	1,245	535	0	60
3007+00.00	3008+00.00	1,586	1,620	1,350	2,050	-700	0	35
3008+00.00	3009+00.00	1,175	1,635	1,000	2,825	-1,825	0	0
3009+00.00	3010+00.00	1,875	1,650	1,595	2,995	-1,400	0	0
3010+00.00	3011+00.00	2,891	1,505	2,451	2,450	5	0	0
3011+00.00	3012+00.00	3,575	825	3,040	1,830	1,210	0	0
3012+00.00	3013+00.00	3,186	900	2,710	1,670	1,040	0	5
3013+00.00	3014+00.00	2,447	1,445	2,080	1,480	600	0	5
3014+00.00	3015+00.00	2,025	1,455	1,720	1,445	275	0	5
3015+00.00	3016+00.00	2,200	1,160	1,870	1,375	495	0	0
3016+00.00	3017+00.00	2,228	1,145	1,895	1,080	815	0	0
3017+00.00	3018+00.00	1,904	1,500	1,620	890	730	0	0
3018+00.00	3019+00.00	2,513	1,020	2,135	790	1,345	0	0
3019+00.00	3020+00.00	2,893	930	2,460	590	1,870	0	0
3020+00.00	3020+95.50	1,444	770	1,225	355	870	0	215
3020+95.50	3021+00.00	69	45	60	20	40	0	10
3021+00.00	3022+00.00	2,834	1,515	2,410	510	1,900	0	0
3022+00.00	3023+00.00	3,110	1,530	2,645	805	1,840	0	0
3023+00.00	3024+00.00	3,317	1,535	2,820	1,475	1,345	0	5
3024+00.00	3025+00.00	3,506	1,540	2,980	1,990	990	0	5
3025+00.00	3026+00.00	3,702	1,550	3,145	2,260	885	0	0
3026+00.00	3027+00.00	4,147	1,555	3,525	2,380	1,145	0	0
3027+00.00	3028+00.00	4,856	1,560	4,130	2,375	1,755	0	10
3028+00.00	3028+81.32	4,646	1,315	3,950	1,650	2,300	0	545
3028+81.32	3029+00.00	1,147	300	975	320	655	0	160
3029+00.00	3030+00.00	6,325	1,530	5,375	1,305	4,070	0	200
3030+00.00	3031+00.00	6,715	1,505	5,710	565	5,145	0	20
3031+00.00	3032+00.00	6,975	1,490	5,930	275	5,655	0	0
3032+00.00	3033+00.00	7,338	1,415	6,235	145	6,090	0	0
3033+00.00	3034+00.00	7,288	1,425	6,195	0	6,195	0	30
3034+00.00	3035+00.00	5,602	1,340	4,760	0	4,760	0	55
3035+00.00	3036+00.00	3,393	1,060	2,885	0	2,885	0	35
3036+00.00	3037+00.00	1,993	860	1,695	60	1,635	0	10
3037+00.00	3038+00.00	1,406	715	1,195	115	1,080	0	0
3038+00.00	3039+00.00	1,769	545	1,505	55	1,450	0	0
3039+00.00	3040+00.00	1,558	400	1,325	10	1,315	0	0
3040+00.00	3041+00.00	715	245	610	5	605	0	5
3041+00.00	3042+00.00	334	115	285	0	285	0	40
3042+00.00	3043+00.00	128	60	110	0	110	0	40
3043+00.00	3044+00.00	10	10	10	0	10	0	10
SUB TOTAL		121,067	47,925	102,920	44,245	58,675	0	1,800

\* ASSUME 15% FOR SHRINKAGE

FILE NAME = D:\02\031-SHT-SCHEDULE05.dgn	USER NAME = TKLuegel	DESIGNED - TRK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>			F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 22			
PLOT SCALE = 1:500	CHECKED - DLT	REVISED -	SCALE: NONE					SHEET NO. 5 OF 11 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		CONTRACT NO. 60C31			
PLOT DATE = 12/14/2009	DATE - 12/18/09	REVISED -													



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.
2003+50.00	2004+50.00	439	110	375	100	275	0	65
2004+50.00	2005+50.00	363	120	310	100	210	0	35
2005+50.00	2006+50.00	371	145	315	95	220	0	0
2006+50.00	2007+50.00	489	185	415	80	335	0	0
2007+50.00	2008+50.00	730	200	620	40	580	0	0
2008+50.00	2009+50.00	993	220	845	0	845	0	0
2009+50.00	2010+50.00	1,160	265	985	0	985	0	0
2010+50.00	2011+50.00	1,147	300	975	0	975	0	0
2011+50.00	2012+50.00	845	325	720	0	720	0	0
2012+50.00	2013+50.00	675	360	575	0	575	0	5
2013+50.00	2014+50.00	793	410	675	0	675	0	10
2014+50.00	2015+50.00	913	480	775	0	775	0	5
2015+50.00	2016+50.00	517	530	440	395	45	0	0
2016+50.00	2017+14.00	169	360	145	300	-155	0	100
2017+14.00	2017+50.00	202	210	170	150	20	0	65
2017+50.00	2018+00.00	316	295	270	380	-110	0	25
2018+00.00	2018+50.00	308	275	260	450	-190	0	15
2018+50.00	2019+50.00	365	445	310	1,350	-1,040	0	15
2019+50.00	2020+50.00	445	450	380	1,890	-1,510	0	5
2020+50.00	2021+50.00	569	535	485	2,260	-1,775	0	0
2021+50.00	2022+50.00	458	535	390	2,900	-2,510	0	0
2022+50.00	2023+50.00	521	510	445	3,585	-3,140	0	0
2023+50.00	2024+50.00	386	490	330	4,200	-3,870	0	0
2024+50.00	2025+50.00	347	495	295	4,885	-4,590	0	10
2025+50.00	2026+50.00	708	510	600	5,625	-5,025	0	140
2026+50.00	2027+25.00	495	460	420	6,510	-6,090	0	100
2027+25.00	2027+50.00	144	180	120	2,790	-2,670	0	30
2027+50.00	2028+50.00	886	650	755	12,040	-11,285	0	145
2028+50.00	2029+50.00	462	285	395	6,555	-6,160	0	30
2029+50.00	2030+50.00	0	0	0	0	0	0	0
2030+50.00	2031+50.00	0	305	0	6,460	-6,460	0	0
2031+50.00	2032+25.00	0	475	0	9,320	-9,320	0	0
2032+25.00	2032+50.00	271	170	230	3,300	-3,070	0	180
2032+50.00	2033+50.00	1,084	635	920	12,615	-11,695	0	715
2033+50.00	2034+50.00	0	510	0	9,315	-9,315	0	0
2034+50.00	2035+50.00	0	390	0	6,735	-6,735	0	0
2035+50.00	2036+50.00	0	335	0	5,250	-5,250	0	0
2036+50.00	2037+50.00	0	305	0	4,315	-4,315	0	0
SUB TOTAL		17,571	13,460	14,945	113,990	-99,045	0	1,695

EARTHWORK SCHEDULE RAMP D

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.
4001+00.00	4002+00.00	526	235	445	635	-190	0	45
4002+00.00	4003+00.00	636	310	540	615	-75	0	65
4003+00.00	4004+00.00	549	305	465	555	-90	0	65
4004+00.00	4005+00.00	560	250	475	410	65	0	110
4005+00.00	4006+00.00	613	215	520	285	235	0	120
4006+00.00	4007+00.00	334	145	285	180	105	0	70
4007+00.00	4008+00.00	139	85	120	175	-55	0	30
4008+00.00	4009+00.00	132	65	110	150	-40	0	25
SUB TOTAL		3,489	1,610	2,960	3,005	-45	0	530

\* ASSUME 15% FOR SHRINKAGE

FILE NAME =	USER NAME = TKluegel
D:\62031-SHT-SCHEDULE06.dgn	
PLOT SCALE = 1:50	
PLOT DATE = 12/14/2009	

DESIGNED - TRK	REVISED -
DRAWN - TRK	REVISED -
CHECKED - DLT	REVISED -
DATE - 12/18/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 6 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	23
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

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.
1033+00.00	1034+00.00	80	40	70	0	70	0	0
1034+00.00	1035+00.00	528	155	450	0	450	0	30
1035+00.00	1036+00.00	1,191	295	1,010	0	1,010	0	35
1036+00.00	1037+00.00	1,763	390	1,500	0	1,500	0	5
1037+00.00	1038+00.00	1,793	430	1,525	0	1,525	0	10
1038+00.00	1039+00.00	1,502	440	1,275	0	1,275	0	10
1039+00.00	1040+00.00	1,230	400	1,045	0	1,045	0	5
1040+00.00	1041+00.00	893	320	760	0	760	0	5
1041+00.00	1042+00.00	686	215	585	0	585	0	0
1042+00.00	1043+00.00	375	115	320	0	320	0	0
1043+00.00	1044+00.00	143	75	120	0	120	0	15
1044+00.00	1045+00.00	132	55	110	0	110	0	50
SUB TOTAL		10,316	2,930	8,770	0	8,770	0	165

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.
ARSENAL STAGE 1	0	0	0	235	-235	0	0
WEST FRONT. CON. STAGE 1	0	0	0	0	0	0	0
WEST FRONT. CON. STAGE 1	0	0	0	30	-30	0	0
WEST FRONT. CON. STAGE 2	0	0	0	25	-25	0	0
RAMP D STAGE 1	0	0	0	35	-35	0	0
RAMP D STAGE 1A	0	0	0	55	-55	0	0
ARSENAL ROAD	686	3,470	585	15,010	-14,425	0	5
WEST FRONTAGE CONNECTOR	14,012	13,920	11,900	18,680	-6,780	262	875
WEST FRONTAGE ROAD	7,235	5,795	6,140	3,820	2,320	450	1,455
EAST FRONTAGE ROAD	8,674	25,060	7,370	130,025	-147,715	521	1,390
RAMP B	121,067	47,925	102,920	44,245	58,675	0	1,800
RAMP C	17,571	13,460	14,945	113,990	-99,045	0	1,695
RAMP D	3,489	1,610	2,960	3,005	-45	0	530
I-55	10,316	2,930	8,770	0	8,770	0	165
TOTAL	183,050	114,170	155,590	329,155	-198,625	1,233	7,915

EARTHWORK SUMMARY

DESCRIPTION	QUANTITY	UNIT
EARTH EXCAVATION	183,050	CU YD
FURNISHED EXCAVATION	198,245	CU YD
TOPSOIL/UNSUITABLE EXCAVATION	114,170	CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	79,670	CU YD
TOPSOIL EXCAVATION AND PLACEMENT	34,500	CU YD
ROCK EXCAVATION	7,915	CU YD
POROUS GRANULAR EMBANKMENT	1,233	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

FILE NAME = 0160C31-SHT-SCHEDULE07.dgn	USER NAME = TKJuegel	DESIGNED - TRK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 24	
PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	SCALE: NONE			SHEET NO. 7 OF 11 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
PLOT DATE = 12/15/2009	DATE - 12/18/09	REVISED -	CONTRACT NO. 60C31								

EROSION CONTROL SCHEDULE I-55

	25100115	28000250	28000300	28000500	28000510	X6640200	X0323426	28000400	X0323974	X0324045	X0324774	X0324775	28100107	28200200
	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION	INLET FILTERS	TEMPORARY CHAIN LINK FENCE	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	PERIMETER EROSION BARRIER	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	STONE RIPRAP, CLASS A4	FILTER FABRIC
	ACRE	POUND	EACH	EACH	EACH	FOOT	EACH	FOOT	FOOT	EACH	SQ YD	SQ YD	SQ YD	SQ YD
SHEET														
EC-1	1.34	269	6	1	-	52	-	1,389	417	-	-	-	40	30
EC-2	3.91	782	20	4	-	597	-	3,246	974	2	566	1,132	-	-
EC-3	13.87	2,773	17	4	3	152	15	5,438	1,631	-	94	189	-	-
EC-4	15.68	3,137	18	5	-	-	-	6,953	2,086	-	-	-	-	-
EC-5	9.92	1,985	9	1	1	159	5	6,164	1,849	1	316	633	-	-
EC-6	16.73	3,347	18	2	-	67	-	4,323	1,297	-	-	-	-	-
EC-7	6.92	1,383	2	-	-	-	-	955	287	-	-	-	-	-
EC-8	4.22	843	15	4	6	722	30	3,370	1,011	-	-	-	-	-
EC-9	2.61	522	8	4	3	-	15	1,685	506	-	-	-	-	-
EC-10	1.98	396	19	2	-	-	-	1,347	404	-	-	-	-	-
EC-11	1.37	274	6	1	-	-	-	885	266	-	-	-	-	-
EC-12	1.15	230	-	-	-	-	-	1,034	310	1	312	623	20	15
EC-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EC-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EC-15	1.78	356	-	-	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	81.50	16,300	138	28	13	1,750	65	36,790	11,040	4	1,290	2,580	60	45
AT THE ENGINEER'S DISCRETION	8.20	1,630	14	3	2	175	7	3,680	1,105	1	130	260	6	5
GRAND TOTAL	89.70	17,930	152	31	15	1,925	72	40,470	12,145	5	1,420	2,840	66	50

	28000200	X0324044
	EARTH EXCAVATION FOR EROSION CONTROL	EROSION CONTROL TEMPORARY PIPE SLOPE DRAIN
	CU YD	EACH
SHEET		
EC-1	140	-
EC-2	-	-
EC-3	-	2
EC-4	-	6
EC-5	-	1
EC-6	-	2
EC-7	-	-
EC-8	-	-
EC-9	-	-
EC-10	-	-
EC-11	-	-
EC-12	70	-
EC-13	-	-
EC-14	-	-
EC-15	-	-
SUB-TOTAL	210	11
AT THE ENGINEER'S DISCRETION	21	2
GRAND TOTAL	231	13

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

FILE NAME =	USER NAME = #USER#	DESIGNED - TRK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F./S. \$	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - TRK	REVISED -			\$RTE\$	\$SECT\$	\$CNTY\$	534	25
	PLOT SCALE = #SCALE#	CHECKED - DLT	REVISED -					CONTRACT NO. #CON#		
	PLOT DATE = #DATE#	DATE - #SUBDATE#	REVISED -			SCALE: NONE	SHEET NO. 8 OF 11 SHEETS	STA. TO STA.	FED. ROAD DIST. #DIST# ILLINOIS FED. AID PROJECT	

**\$\$\$SUBTYPES\$**

TREE REMOVAL SCHEDULE 6 TO 15 UNITS

DWG	STATION	OFFSET	L/R	6 TO 15 UNITS		
EX-2	1016+64	163.9	R	6	2 @ 10"	
	1022+55	157.2	L	6		
	1022+56	158.5	L	10		
	1022+56	167.9	R	20		
	1022+66	157.1	L	15		
	1023+28	172.8	L	13		
	1023+79	285.9	R	8		
	1023+88	292.1	R	9		
	1024+30	328.5	R	12		
	1020+87	85.7	R	6		
	1026+67	145.6	L	15		
EX-3	1027+59	87.4	R	6		2 @ 12"
	1027+76	78.6	L	6		
	1028+21	148.4	L	6		
	1028+22	148.7	L	8		
	1028+30	87.3	R	9		
	1028+34	87.0	R	6		
	1029+11	86.2	R	15		
	1029+47	152.8	L	15		
	1029+63	160.8	L	8		
	1029+70	161.3	L	8		
	1030+89	83.9	L	6		
	1030+99	74.5	L	14		
	1031+83	181.3	R	24		
	1031+86	152.2	L	15		
	1031+89	153.1	L	15		
	1032+91	154.7	L	15		
	1032+94	155.9	L	10		
	1032+99	154.7	L	10		
	1033+03	154.2	L	15		
	1033+97	86.9	R	6		
	1034+28	182.9	R	7		
	1034+30	176.2	R	9		
	1034+30	182.7	R	7		
	1034+30	187.1	R	7		
	1034+31	172.6	R	14		
	1034+32	182.0	R	9		
	1034+34	185.2	R	8		
	1034+61	211.9	R	6		
	1034+65	207.1	R	15		
	1034+76	216.5	R	8		
	1034+79	205.6	R	12		
	1034+87	167.7	R	7		
	1034+90	167.6	R	12		
	1034+93	182.0	R	7		
	1035+27	237.1	R	10		
	1035+31	164.8	R	12		
	1035+35	165.6	R	8		
	1035+37	227.6	R	8		
	1035+39	173.5	R	7		
	1035+39	195.7	R	11		
	1035+42	219.9	R	12		
	1035+46	181.7	R	12		
	1035+60	217.0	R	15		
	1035+58	211.1	R	7		
	1035+59	207.6	R	10		
	1038+18	226.7	R	13		
	1038+25	215.9	R	10		
EX-4	3019+62	73.0	R	12	ramp B	
	3020+42	6.1	L	10		
	3022+53	26.6	R	9		
	3023+72	31.4	R	14		
	3023+75	227.2	R	10		
	3023+78	222.9	R	10		
	3023+90	101.8	R	10		
	3023+92	76.5	R	8		
	3025+75	131.1	R	15		

DWG	STATION	OFFSET	L/R	6 TO 15 UNITS	
	3027+47	4.2	L	35	5 @ 7"
	3027+48	26.9	R	27	3 @ 9
	3027+79	206.1	R	8	
	3028+07	203.1	R	8	
	3028+55	178.2	R	12	
	3030+23	327.8	R	14	
	3030+39	25.7	L	14	
	3030+40	20.8	L	10	
	3030+42	31.0	L	10	
	3030+63	13.6	L	8	
	3030+69	1.1	L	12	
	3030+71	6.7	R	12	
	3030+74	12.5	R	9	
	3030+75	7.0	R	9	
	3030+75	10.1	R	6	
	3030+80	2.6	R	8	
	3030+83	42.1	L	10	
	3030+87	1.9	L	15	
	3030+89	43.3	L	10	
	3030+92	13.0	L	6	
	3030+98	23.4	L	8	
E.Front	8019+01	34.4	L	13	
	8021+35	8.3	L	10	
	8021+96	46.0	R	6	
	8022+14	31.1	R	6	
	8022+29	26.1	R	12	
	8022+47	9.6	L	6	
	8029+95	4.1	R	6	
	8031+34	13.6	L	6	
	8032+40	9.7	R	10	
Ramp A	7017+47	11.9	R	10	
	7017+49	21.0	R	11	
	7021+27	14.8	L	24	3 @ 8"
RAMP E	100+30	81.0	L	8	
	103+99	27.3	R	6	
	105+78	16.8	L	12	
RAMP C	2036+46	30.7	L	27	3 @ 9"
	2036+85	75.0	L	20	2 @ 10"
	2037+33	62.8	L	36	3 @ 12"
	2037+66	83.8	L	16	2 @ 8"
	2037+79	68.6	L	8	
EX-5	1041+65	193.2	R	12	
I-55	1041+66	206.7	R	15	
	1042+66	214.8	R	14	
	1043+03	174.1	R	13	
	1043+35	188.5	R	9	
	1043+55	205.4	R	7	
	1043+55	207.6	R	10	
	1043+71	210.6	R	14	
	1043+76	199.1	R	8	
	1044+30	171.4	R	6	
	1044+68	200.9	R	8	
	1044+86	173.8	L	10	
	1045+12	150.3	L	13	
	1045+30	185.1	L	12	
	1045+35	183.4	L	6	
	1046+15	308.5	R	12	
	1046+31	240.5	R	10	
	1046+66	199.7	R	12	
	1046+97	166.8	R	12	
	1046+99	379.8	R	12	
	1047+60	170.0	L	10	
	1047+61	161.1	R	13	
	1047+82	171.0	L	12	
	1047+88	180.0	R	6	
	1047+92	170.8	L	6	
	1048+00	277.0	R	9	

DWG	STATION	OFFSET	L/R	6 TO 15 UNITS	
	1048+27	85.2	L	10	
	1051+21	196.7	R	12	
	1052+43	145.7	L	12	
	1052+41	194.6	R	6	
	1052+53	180.6	R	10	
	1052+71	145.7	L	12	
Ramp C	2014+89	21.9	L	13	
	2015+97	74.0	L	9	
	2016+02	48.0	L	13	
	2016+18	75.6	L	7	
	2016+96	28.5	R	32	4 @ 8"
W.Front	6010+15	19.9	L	14	
	6010+76	37.0	L	15	
	6012+24	1.9	L	10	
	6012+25	2.7	R	15	
	6012+38	64.0	R	20	2 @ 10"
	6012+41	45.7	R	20	2 @ 10"
EX-6	8033+69	39.8	R	12	
	8035+86	384.6	L	15	
	8036+61	140.9	L	8	
	8037+07	461.6	L	20	2 @ 10"
	8037+93	20.9	R	6	
	8038+39	47.0	R	8	
	8038+41	64.1	L	16	2 @ 8"
	8038+60	186.3	L	9	
	8039+27	108.9	L	6	
	8039+32	62.9	L	6	
	8039+33	12.6	R	6	
	8039+58	10.6	R	6	
	8039+86	148.8	L	8	
	8039+90	479.0	L	6	
	8039+95	110.9	L	10	
	8040+01	135.8	L	10	
	8040+08	68.0	L	21	3 @ 7"
	8040+08	96.0	L	8	
	8040+11	124.5	L	10	
	8040+65	48.8	L	10	
	8040+91	154.7	L	9	
	8041+12	53.3	R	6	
	8041+12	194.4	L	12	
	8041+18	153.7	L	10	
	8041+23	42.2	R	6	
	8041+25	200.4	L	6	
	8041+50	513.7	L	11	
	8041+50	513.7	L	15	
	8041+68	404.8	L	6	
	8041+84	214.7	L	10	
	8041+89	330.2	L	15	
	8041+99	306.5	L	12	
	8041+99	298.3	L	13	
	8042+00	527.7	L	12	
	8042+01	199.9	L	8	
	8042+02	342.7	L	6	
	8042+09	160.9	L	12	
	8042+27	470.5	L	8	
	8042+41	319.1	L	7	
	8042+47	475.1	L	18	3 @ 6"
	8042+49	210.7	L	12	
	8042+49	456.9	L	6	
	8042+59	603.0	L	10	
	8042+64	579.0	L	7	
	8042+67	445.2	L	9	
	8042+67	501.9	L	10	
	8042+69	582.4	L	11	
	8042+72	554.4	L	8	
	8042+74	373.4	L	6	
	8042+77	476.8	L	18	3 @ 6"

DWG	STATION	OFFSET	L/R	6 TO 15 UNITS	
	8042+81	539.9	L	15	3 @ 6"
	8042+84	341.3	L	10	
	8042+85	501.2	L	6	
	8042+86	261.7	L	6	
	8042+89	598.5	L	6	
	8042+89	580.9	L	9	
	8042+91	604.1	L	10	
	8042+95	380.9	L	6	
	8043+16	394.1	L	10	
	8043+20	574.6	L	6	
	8043+26	334.6	L	13	
	8043+28	553.7	L	8	
	8043+31	423.9	L	8	
	8043+31	347.9	L	10	
	8043+52	439.4	L	13	
	8043+61	545.2	L	7	
	8043+62	434.7	L	9	
	8043+92	573.8	L	10	
	8044+19	55.2	R	6	
	8044+28	56.0	R	8	
	8044+39	327.3	L	10	
	8044+49	328.5	L	14	
	8044+52	326.9	L	14	
	8044+59	48.1	R	8	
	8044+60	25.6	R	9	
	8044+62	422.4	L	9	
	8044+75	28.8	L	6	
	8044+80	248.3	L	10	
	8044+87	27.3	R	7	
	8045+20	351.2	L	6	
	8045+28	455.3	L	9	
	8045+30	364.4	L	8	
	8045+36	259.2	L	12	
	8045+51	411.6	L	11	
	8045+52	459.1	L	8	
	8045+53	538.8	L	9	
	8045+63	47.0	R	6	
	8045+65	386.6	L	6	
	8045+91	421.3	L	12	
	8046+22	498.6	L	14	
	8046+23	495.6	L	6	
	8046+27	509.5	L	12	
	8046+29	505.4	L	9	
	8046+33	90.3	L	9	
	8046+40	377.9	L	12	
	8046+47	389.5	L	10	
	8046+50	393.5	L	7	
	8046+59	58.8	L	11	
	8046+60	389.4	L	6	
	8046+63	400.4	L	14	
	8046+65	74.3	L	15	
EX-7	8047+03	54.0	L	12	
	8047+16	14.0	L	15	
	8047+26	1.0	L	6	
	8047+20	9.0	R	9	
	8047+19	17.0	R	12	
	8047+27	19.0	R	10	
	8047+35	7.0	R	9	
	8047+44	18.0	R	12	
	8047+42	27.0	R	12	
	8047+58	21.0	R	12	
	8047+68	26.0	R	6	
	8047+74	25.0	R	8	
	8047+67	49.0	R		

TREE REMOVAL SCHEDULE 6 TO 15 INITS

DWG	STATION	OFFSET	L/R	6 TO 15 UNITS
	8050+36	34.0	R	12
	8051+21	44.0	R	14
	8051+56	1.0	R	10
	8051+66	18.0	R	12
	8051+83	20.0	R	8
	8054+23	26.0	L	9
	8054+40	36.0	L	6
	8054+35	47.0	L	10
	8054+49	9.0	R	12
	8054+57	4.0	R	6
	8055+40	38.0	R	6
	8055+98	14.0	R	10
	8047+27	240.0	L	8
	8047+50	181.0	L	6
	8047+44	269.0	L	12
	8047+88	250.0	L	8
	8048+08	184.0	L	10
	8048+10	170.0	L	15
	8047+87	326.0	L	10
	8048+48	360.0	L	6
	8049+15	367.0	L	6
	8050+02	353.0	L	10
	8050+06	359.0	L	8
	8051+46	397.0	L	10
	8051+67	138.0	L	12
	8051+95	111.0	L	6
	8052+03	190.0	L	8
	8056+15	149.0	L	9
EX-8	1054+08	183.8	L	10
	1054+24	183.6	L	7
	1054+27	200.4	L	10
	1054+35	225.5	R	10
	1054+35	231.8	R	9
	1054+38	197.2	L	7
	1054+39	183.8	L	9
	1054+39	240.2	R	8
	1054+44	173.9	R	6
	1054+48	183.8	L	8
	1054+52	170.9	R	6
	1054+55	253.5	R	10
	1054+62	195.4	L	8
	1054+65	183.4	L	10
	1054+71	183.1	L	8
	1054+86	215.8	R	10
	1054+90	183.9	L	8
	1054+92	277.4	R	6
	1054+95	183.2	L	6
	1054+96	276.1	R	6
	1054+98	197.2	L	8
	1055+06	301.0	R	12
	1055+09	328.0	R	10
	1055+10	183.9	L	12
	1055+21	184.2	L	12
	1055+27	344.6	R	12
	1055+29	183.8	L	8
	1055+29	185.0	R	6
	1055+34	183.3	L	8
	1055+40	272.4	R	13
	1055+42	183.4	L	6
	1055+45	268.7	R	7
	1055+50	183.3	L	6
	1055+59	250.9	R	7
	1055+61	183.2	L	9
	1055+65	183.3	L	8
	1055+77	182.0	L	12
	1055+87	181.6	L	6
	1055+94	182.0	L	12

DWG	STATION	OFFSET	L/R	6 TO 15 UNITS
	1056+10	182.5	L	12
	1056+14	182.2	L	6
	1056+18	170.2	L	8
	1056+19	182.3	L	8
	1056+23	168.1	L	6
	1056+23	167.8	L	7
	1056+24	178.5	R	6
	1056+25	182.2	L	8
	1056+25	185.5	R	8
	1056+31	182.4	L	12
	1056+37	182.9	L	12
	1056+47	183.3	L	8
	1056+52	182.6	L	8
	1056+56	170.6	L	10
	1056+56	170.5	L	10
	1056+57	182.6	L	8
	1056+62	193.3	R	6
	1056+69	182.0	L	12
	1056+72	170.9	L	10
	1056+77	170.8	L	10
	1057+33	192.1	R	12
	1057+69	200.3	R	6
	1057+74	188.3	R	13
	1058+14	175.1	R	6
	1058+21	163.7	R	9
	1058+70	171.0	R	12
	1058+85	179.7	R	12
	1060+50	169.4	R	6
	1066+93	260.6	R	10
	1066+98	196.8	R	10
	1067+06	191.3	R	10
	1067+08	243.9	R	10
	1067+65	233.7	R	6
	1067+76	238.0	R	12
	1067+77	208.5	R	11
	1067+83	163.4	R	9
	1068+01	240.5	R	12
EX-9	1068+79	237.9	R	12
	1068+82	260.0	R	10
	1068+92	263.2	R	10
	1069+10	239.8	R	12
	1068+99	231.7	R	12
	1069+34	277.0	R	10
	1070+11	278.3	R	6
	1070+19	271.2	R	9
	1080+19	86.2	L	13
EX-10	1091+05	86.9	L	6
	1095+04	86.3	L	24
EX-11	1097+28	85.1	L	10
	1099+44	85.1	L	24
EX-12	6075+92	27.0	R	8

3 @ 8"

TREE REMOVAL ACRES

DWG	L/R	ACRES
EX-2	L (I-55)	0.03
	L (I-55)	0.05
	L (I-55)	0.38
	R(I-55)	0.08
EX-3	L (I-55)	0.86
	L (I-55)	1.26
	L (I-55)	0.03
	L (I-55)	0.03
EX-5	L (I-55)	0.46
	L (I-55)	0.77
	R (I-55)	0.05
EX-6	R (I-55)	0.09
	R(I-55)	0.18
EX-8	L (I-55)	0.12
	L (I-55)	0.02
EX-11	L (I-55)	0.13
	Subtotal	4.54
	Total	4.75

• ASSUME 15% FOR SHRINKAGE

FILE NAME = D:\60C31-SHT-SCHEDULE10.dgn	USER NAME = TKluogel	DESIGNED - TRK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>			F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 27
	PLOT SCALE = 1/4"=1'	DRAWN - TRK	REVISED -		SCALE: NONE	SHEET NO. 10 OF 11 SHEETS	STA. TO STA.	CONTRACT NO. 60C31				
	PLOT DATE = 12/11/2009	CHECKED - DLT	REVISED -		FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT							
		DATE - 12/18/09	REVISED -									

TREE REMOVAL SCHEDULE OVER 15 UNITS

DWG	STATION	OFFSET	L/R	16 AND OVER
EX-2	1019+42	151.5	R	24
	1020+12	172.0	R	24
	1020+63	151.3	L	24
	1020+63	151.6	L	30
	1021+68	150.3	L	24
	1021+83	150.6	L	24
	1022+64	150.0	L	24
	1023+20	219.3	R	28
EX-3	1031+03	198.0	R	36
	1031+42	181.4	R	25
	1032+28	74.1	L	16
	1032+54	151.2	L	18
	1036+32	235.4	R	18
	1037+74	175.5	R	38
	1037+80	200.7	R	17
	1038+01	219.3	R	23
	1038+23	199.4	R	16
	1038+32	184.4	R	24
EX-4	3019+45	84.4	R	23
	3020+03	90.5	R	33
	3023+77	31.1	R	24
	3024+80	185.2	R	19
	3029+03	35.3	R	19
	3030+13	118.8	L	24
	3030+51	299.0	R	18
	3030+61	58.7	L	18
	3030+66	83.4	R	24
	3030+74	48.5	L	33
	8019+06	29.0	L	30
	8019+34	47.7	L	18
	8019+53	194.7	L	32
	8020+47	14.5	L	48
	8021+43	40.5	R	30
	8022+19	290.0	L	20
	8023+43	313.2	L	24
	8023+57	30.0	L	24
	8023+68	329.5	L	36
	8024+37	165.2	L	20
	8024+47	238.3	L	30
	8024+70	78.9	L	24
	8025+02	0.3	L	24
	8025+15	171.5	L	24
	8025+34	17.9	L	36
	8025+64	75.6	L	36
	8025+69	147.3	L	18
	8025+76	25.6	R	24
	8025+96	8.4	R	28
	8026+07	155.9	L	24
	8026+53	110.7	L	18
	8026+73	79.2	L	22
	8028+11	3.3	R	17
EX-5	1042+74	188.2	R	22
	1042+85	206.5	R	20
	1043+03	194.8	R	30
	1043+73	212.6	R	16
	1043+93	173.7	L	16
	1044+08	191.7	R	35
	1044+60	200.7	R	24
	1044+90	176.2	L	18
	1046+24	268.7	R	22
	1046+59	172.5	R	24
	1046+84	310.8	R	32
	1047+43	171.8	R	19
	1047+82	200.1	R	20
	1049+40	150.3	L	24
	1051+89	152.0	L	18
	2014+22	2.4	R	20
	6011+00	16.2	R	21

DWG	STATION	OFFSET	L/R	16 AND OVER
	6012+31	9.1	R	21
EX-6	8033+22	438.4	L	27
	8036+39	378.5	L	18
	8036+78	284.7	L	21
	8037+24	42.0	L	24
	8040+70	478.2	L	30
	8041+28	167.3	L	29
	8041+89	164.9	L	24
	8042+04	581.4	L	16
	8042+44	544.6	L	26
	8042+50	285.7	L	24
	8042+60	606.5	L	17
	8042+84	562.7	L	16
	8043+22	394.2	L	19
	8043+72	360.1	L	25
	8043+82	424.9	L	19
	8044+38	572.9	L	19
	8044+40	346.5	L	17
	8044+48	389.9	L	21
	8044+85	190.6	L	16
	8045+06	430.1	L	21
	8045+06	483.9	L	16
	8045+18	142.9	L	26
	8045+27	40.5	R	20
	8045+31	400.8	L	33
	8045+58	508.4	L	19
	8045+88	254.6	L	22
	8045+96	494.7	L	19
	8046+01	537.6	L	22
	8046+08	531.6	L	17
	8046+19	19.5	L	18
	8046+33	354.8	L	20
	8046+38	1.9	R	24
	8046+45	320.2	L	18
	8046+98	21.8	L	17
EX-7	8048+27	338.7	L	18
	8047+08	10.0	L	16
	8048+06	198.2	L	24
	8050+61	50.6	R	20
	8050+74	52.5	R	20
	8053+78	10.6	R	16
	8054+27	19.4	R	16
	8055+94	27.6	R	24
	8055+89	6.2	L	46
	8054+71	206.7	L	16
	8051+91	154.4	L	18
	8050+36	224.3	L	20
	8051+97	303.7	L	20
	8049+79	358.1	L	50
	8049+84	375.4	L	27
	8051+10	397.5	L	19
	8057+45	321.1	L	17
	8057+52	264.4	L	36
EX-8	1053+79	146.1	L	18
	1054+88	326.6	R	26
	1054+89	340.5	R	24
	1054+92	317.3	R	26
	1055+18	145.9	L	16
	1055+23	193.3	R	33
	1055+26	222.6	R	18
	1055+42	234.2	R	26
	1056+23	179.7	R	24
	1066+05	184.0	R	18
	1066+08	155.9	L	18
	1067+14	198.7	R	30
EX-9	1069+48	85.0	L	18
	1069+72	206.9	R	26
EX-10	1093+95	88.2	L	20

DWG	STATION	OFFSET	L/R	16 AND OVER
	1094+41	86.7	L	20
Total 3181				

TREE REMOVAL SUMMARY

DESCRIPTION	UNIT	QUANTITY
TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	3,931
TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	3,181
TREE REMOVAL, ACRES	ACRE	4.75



I-55 COORDINATE INFORMATION

POT I-55 STA. 965+50.62  
 N: 1,715,564.51  
 E: 1,022,929.97

POT I-55 STA. 1000+00.00  
 N: 1,719,012.59  
 E: 1,022,835.20

POT WFR STA. 4993+00.00  
 N: 1,719,333.38  
 E: 1,022,716.34

POT RAMP D STA. 4026+87.35  
 N: 1,719,666.46  
 E: 1,022,773.37

POT RAMP A STA. 7000+00.00  
 N: 1,720,188.82  
 E: 1,022,847.42

POT EFR STA. 7996+00.00  
 N: 1,719,323.55  
 E: 1,022,936.70

PI EFR STA. 8005+00.00  
 N: 1,720,223.21  
 E: 1,022,911.97

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

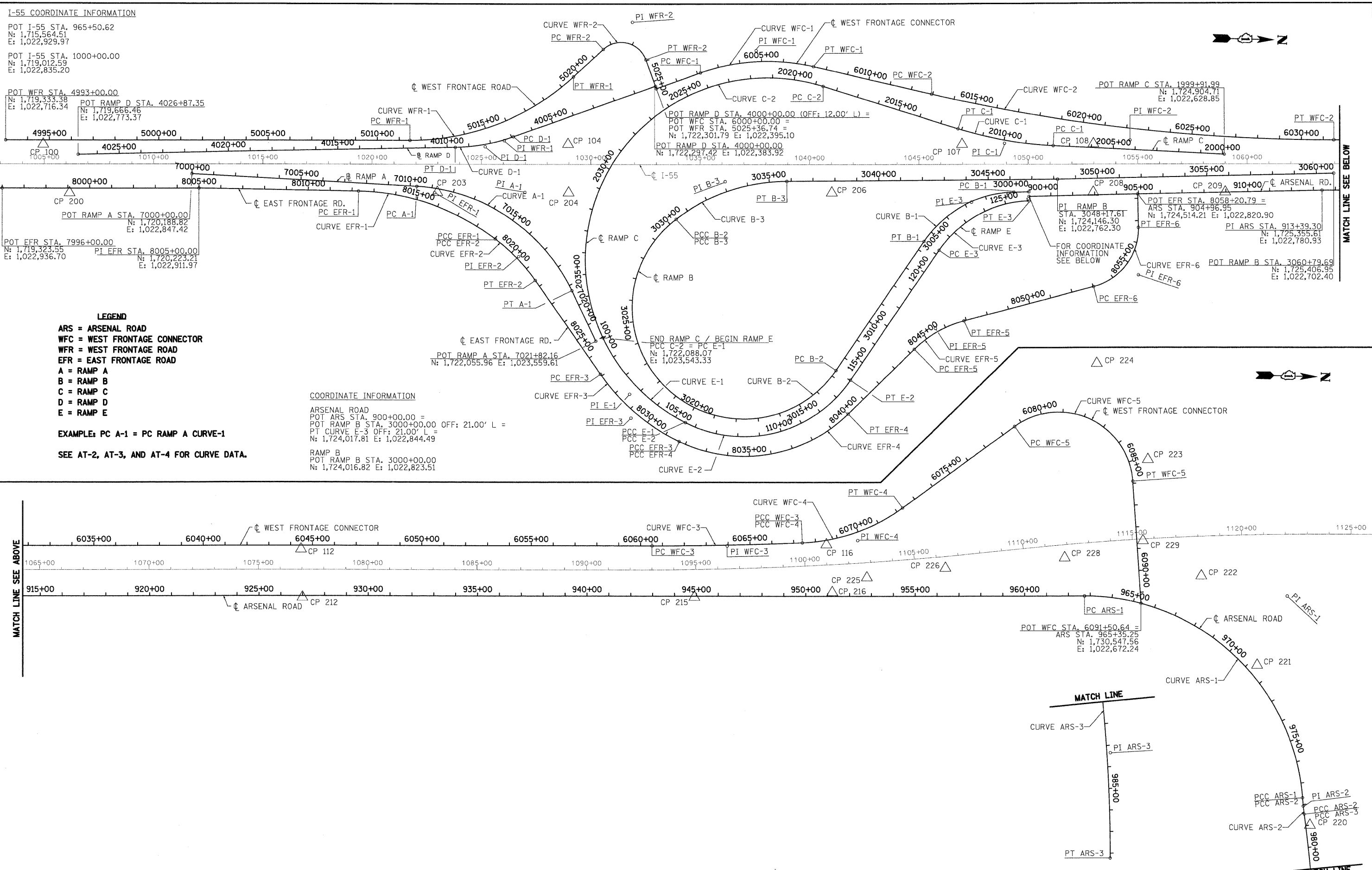
EXAMPLE: PC A-1 = PC RAMP A CURVE-1

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



FILE NAME = D:\6031-SHT-A\1801.dgn

USER NAME = TKluegel  
 PLOT SCALE = 1:200  
 PLOT DATE = 12/11/2009

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE = 12/18/09

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1"=200' SHEET NO. 1 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	29

CONTRACT NO. 60C31  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

**CURVE I-55 - 1**

P.I. STATION 100+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 972+00.10 N 1,731,214.20 E 1,022,619.92  
 DELTA = 85° 37' 04" (RT)  
 DEGREE = 5° 43' 46"  
 RADIUS = 1,000.00'  
 TANGENT = 926.30'  
 LENGTH = 1,494.31'  
 EXTERNAL = 363.10'  
 LONG CHORD = 1,359.11'  
 MID. ORD. = 266.38'  
 P.C. STATION 962+73.81 N 1,730,288.25 E 1,022,645.37  
 P.C.C. STATION 977+68.12 N 1,731,310.32 E 1,023,541.22

**CURVE ARSENAL ROAD - 2**

P.I. STATION 978+07.29 N 1,731,314.39 E 1,023,580.18  
 DELTA = 3° 00' 58" (LT)  
 DEGREE = 3° 51' 02"  
 RADIUS = 1,487.94'  
 TANGENT = 39.17'  
 LENGTH = 78.33'  
 EXTERNAL = 0.52'  
 LONG CHORD = 78.32'  
 MID. ORD. = 0.52'  
 P.C.C. STATION 977+68.12 N 1,731,310.32 E 1,023,541.22  
 P.C.C. STATION 978+46.44 N 1,731,320.49 E 1,023,618.87

**CURVE ARSENAL ROAD - 3**

P.I. STATION 983+35.29 N 1,731,396.7357 E 1,024,101.7404  
 DELTA = 7° 24' 54" (RT)  
 DEGREE = 0° 45' 34"  
 RADIUS = 7,544.0800'  
 TANGENT = 488.8509'  
 LENGTH = 976.3368'  
 EXTERNAL = 15.8220'  
 LONG CHORD = 975.6556'  
 MID. ORD. = 15.7889'  
 P.C.C. STATION 978+46.44 N 1,731,320.4945 E 1,023,618.8714  
 P.T. STATION 988+22.78 N 1,731,410.0218 E 1,024,590.4107

**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° 51' 06"  
 RADIUS = 340.00'  
 TANGENT = 614.80'  
 LENGTH = 724.63'  
 EXTERNAL = 362.55'  
 LONG CHORD = 595.06'  
 MID. ORD. = 175.46'  
 P.C. STATION 6078+65.15 N 1,729,947.98 E 1,021,877.12  
 P.T. STATION 6085+89.78 N 1,730,493.89 E 1,022,113.96

**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

FILE NAME = D:\62031-SHT-ATB02.dgn	USER NAME = TKluigel	DESIGNED - ---	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENTS, TIES, AND BENCHMARKS</b>	F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 30	
PLOT SCALE = 1:200	CHECKED - ---	REVISED -	SCALE: NONE			SHEET NO. 2 OF 9 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
PI. DT. DATE = 12/11/2009	DATE = 12/18/09	REVISED -									
						CONTRACT NO. 60C31					

**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 = 4.00%  
 S.E. IN = STA. 8052+14.19 TO STA. 8053+27.20  
 S.E. OUT = STA. 8056+37.79 TO STA. 8057+50.79  
 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. 7018+28.07 TO STA. 7020+20.07  
 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+81.81 TO STA. 3036+73.81  
 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 = 4.67%  
 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 = D162C31-SHT-ATB03.dgn	USER NAME = Tkluegel	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENTS, TIES, AND BENCHMARKS</b>	F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 31	
PLOT SCALE = 1:200	CHECKED - ---	REVISED - ---	SCALE: NONE			SHEET NO. 3 OF 9 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISED - ---	CONTRACT NO. 60C31								

**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

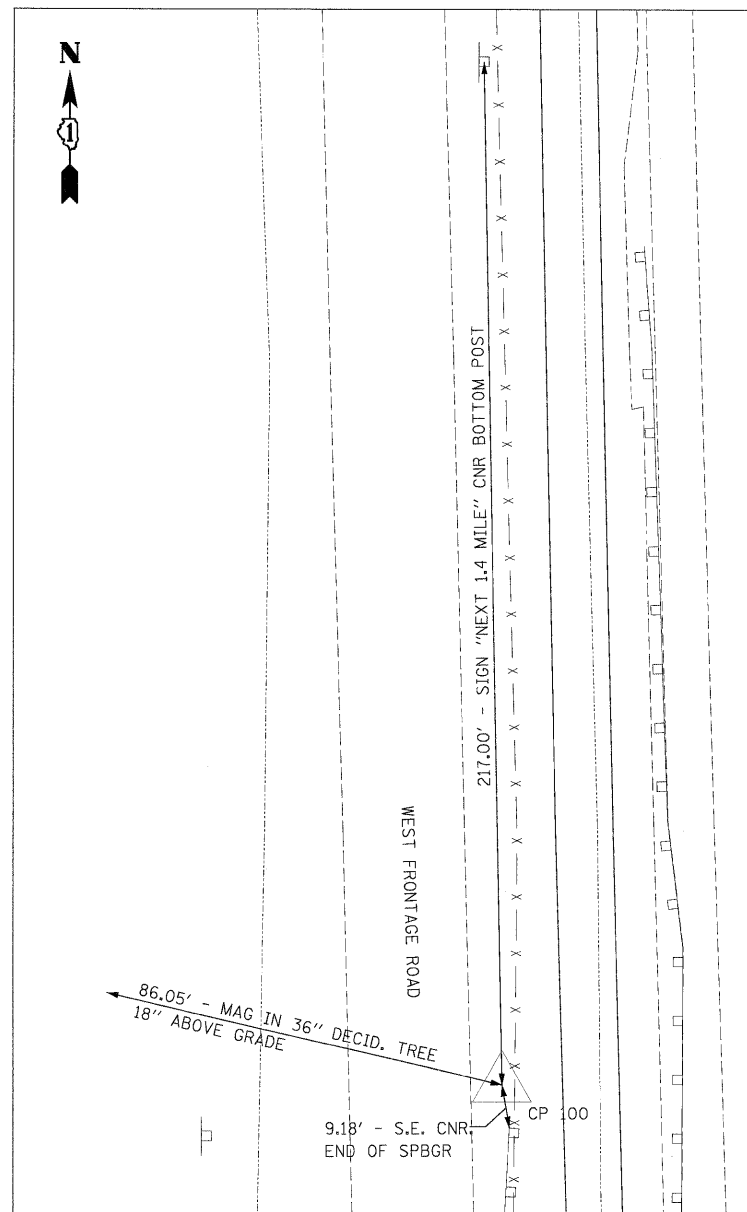
**CURVE RAMP E - 2**

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

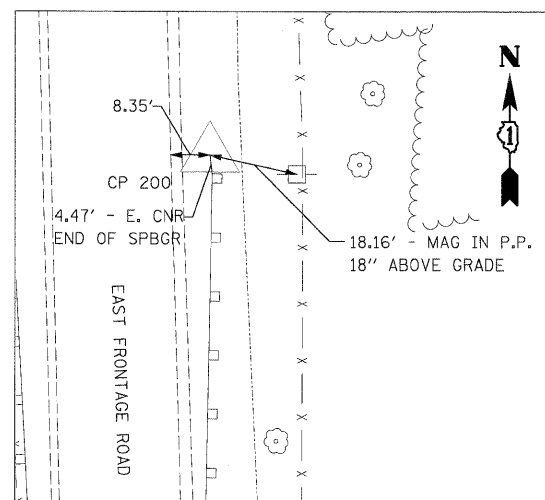
**CURVE RAMP E - 3**

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+24.26 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

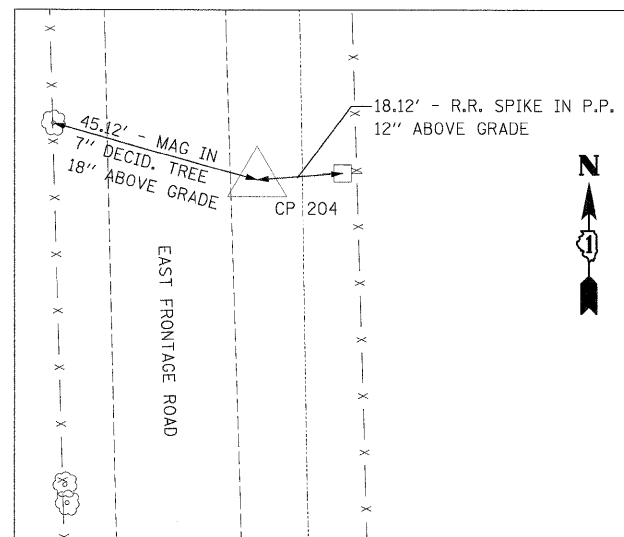
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	PLOT SCALE = 1:200	DRAWN - ---	REVISED -			55	(99-1&2)AC-3	WILL	524	32	
	PLOT DATE = 12/11/2009	CHECKED - ---	REVISED -			CONTRACT NO. 60C31					
		DATE - 12/18/09	REVISED -			SCALE: NONE	SHEET NO. 4 OF 9 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT	



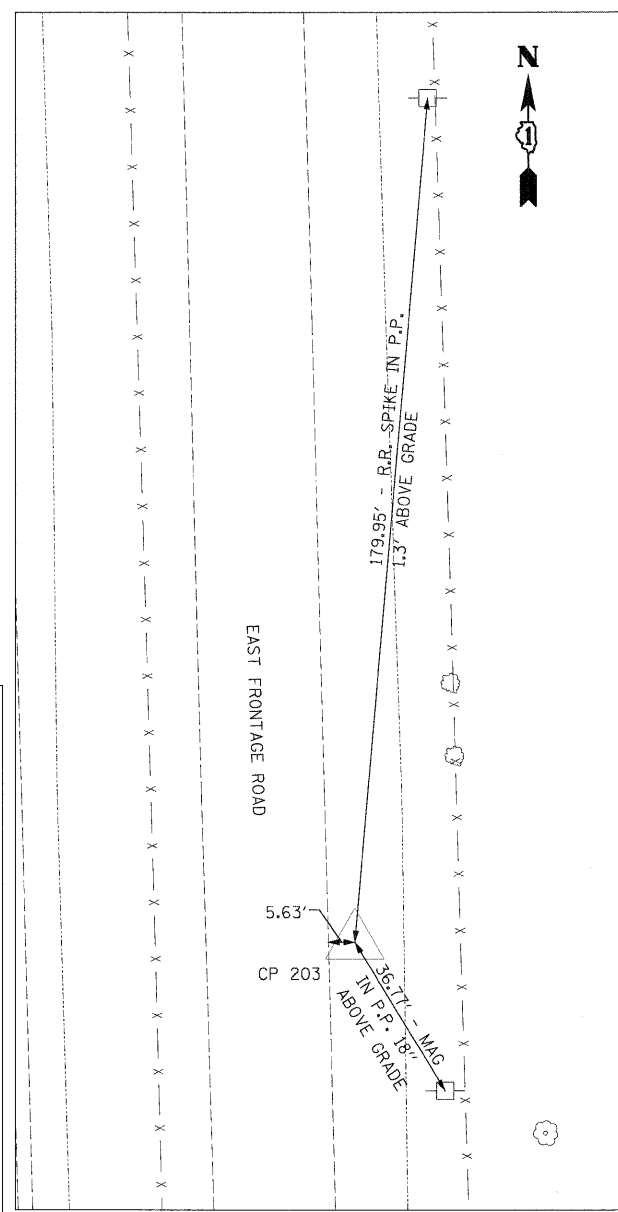
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 N 1719505.47  
 E 1022731.40  
 STA 1004+95.55  
 OFF 90.23' LT  
 ELEV 519.86



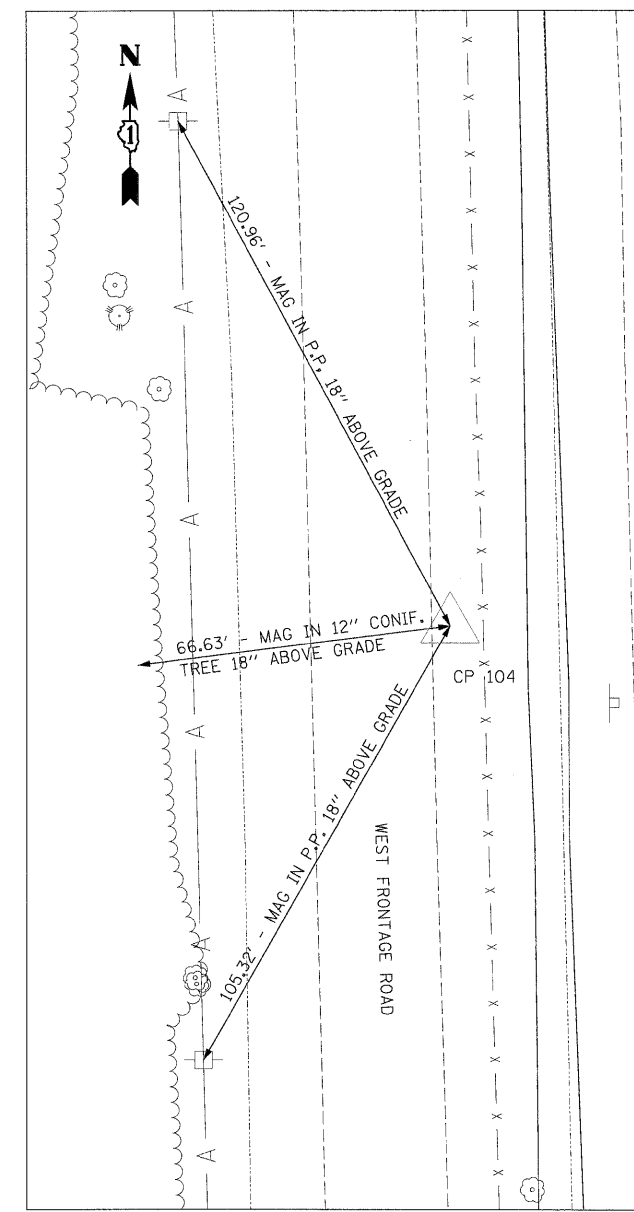
**CP 200**  
 N 1719631.86  
 E 1022949.65  
 STA 1006+15.90  
 OFF 131.42' RT  
 ELEV 518.31



**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 G 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 CONTRACTOR'S GATE A ON E SIDE OF E FRONTAGE ROAD. ELEV=543.997				

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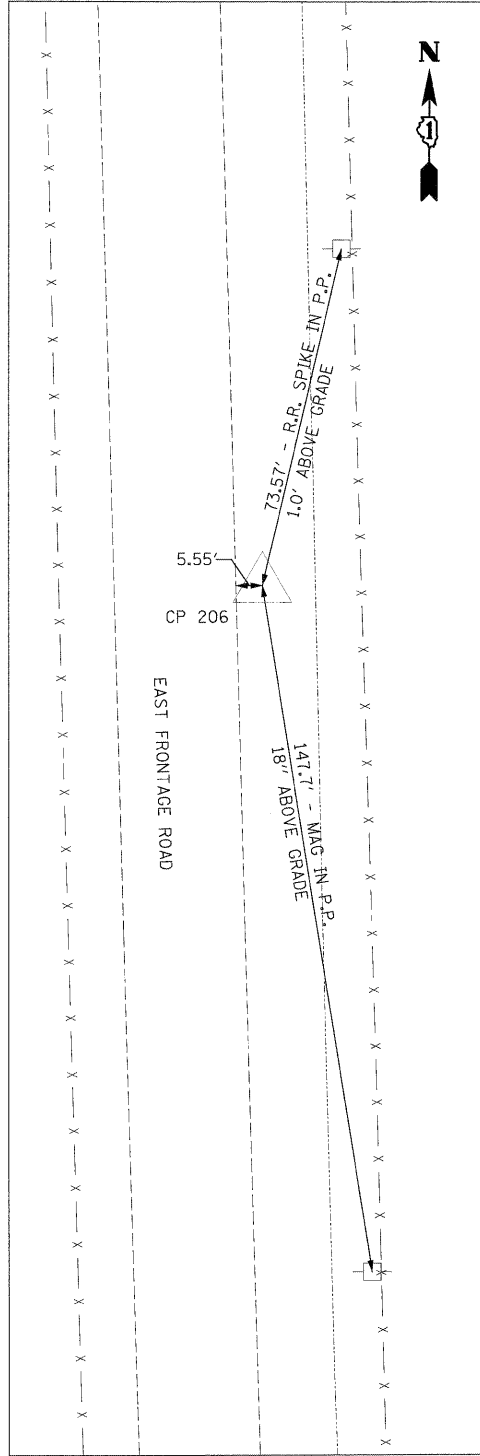
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS

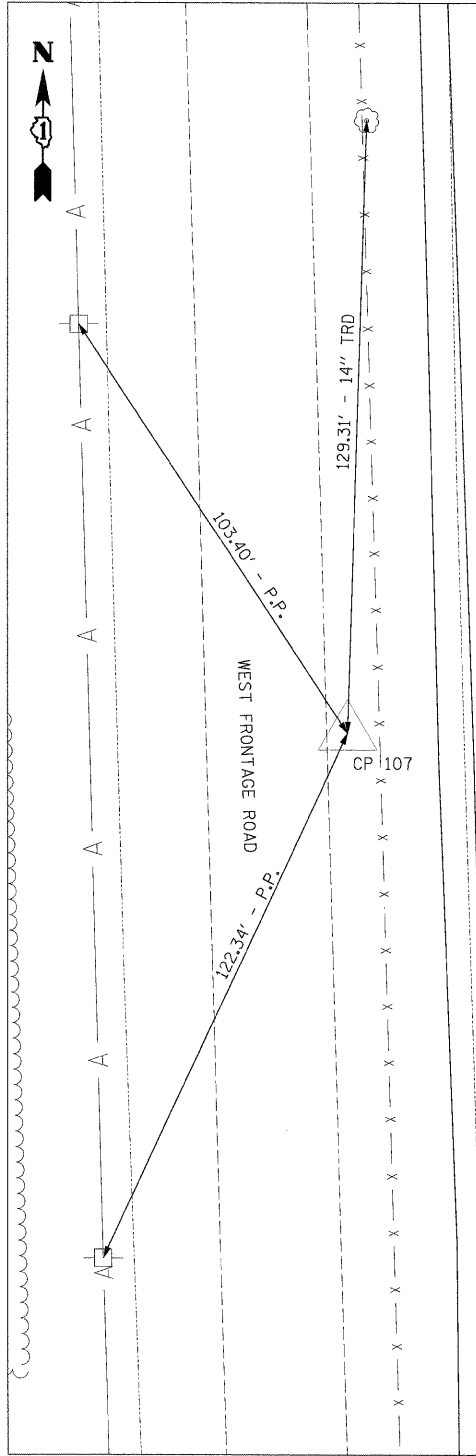
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	33
CONTRACT NO. 60C31			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



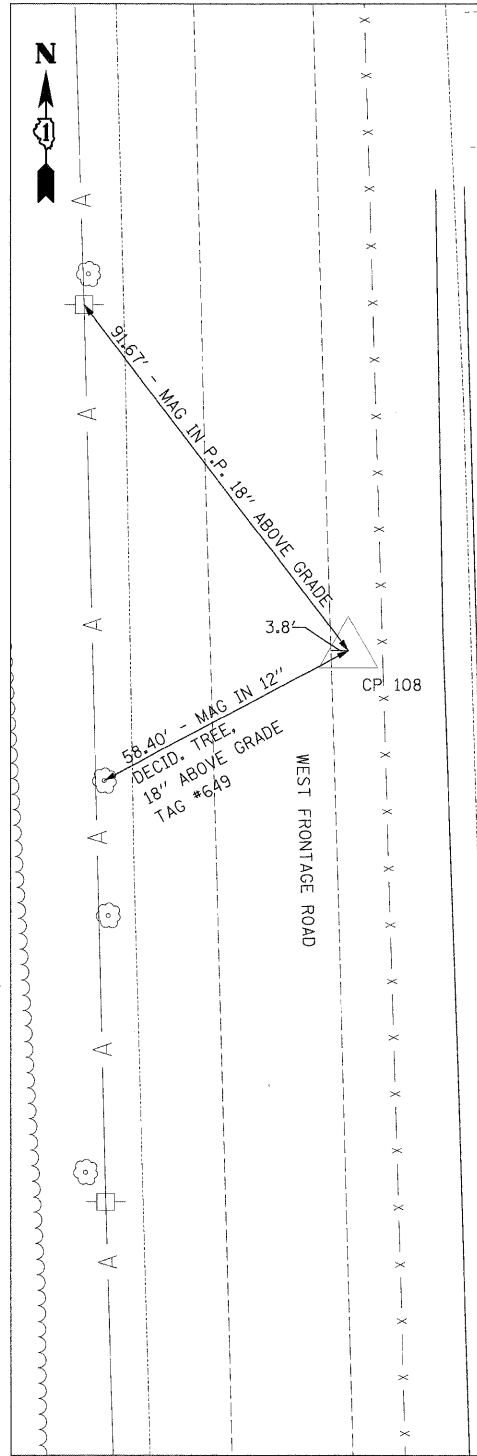
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N 1723116.51  
 E 1022851.09  
 STA 1041+01.94  
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 ELEV 533.91



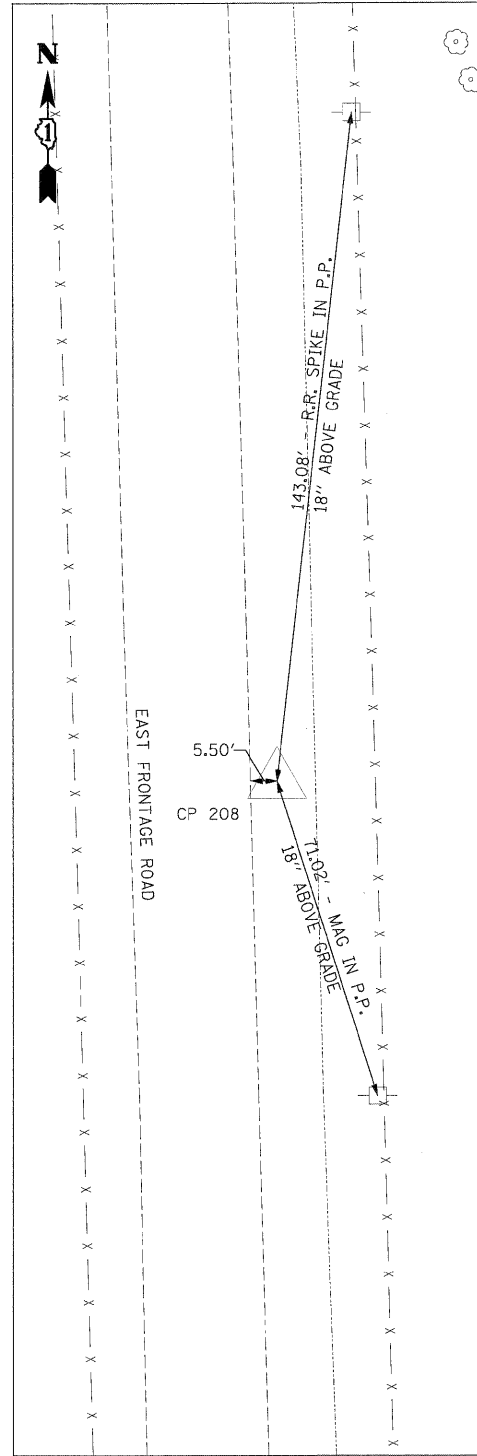
**CP 107**

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



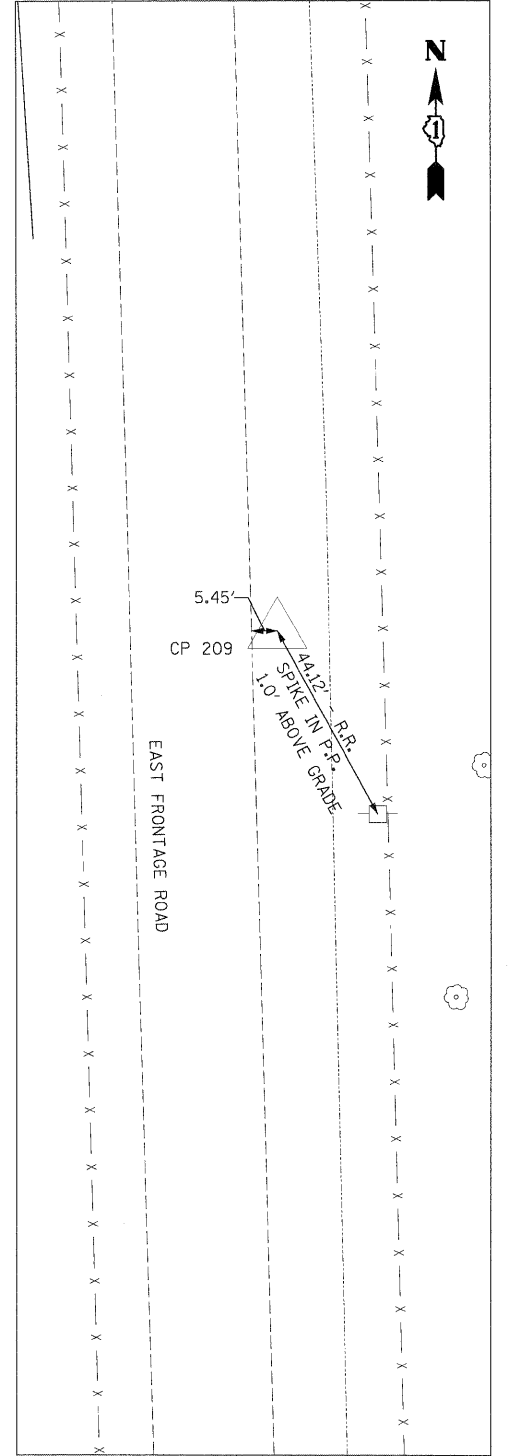
**CP 108**

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

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PLOT DATE = 12/11/2009	

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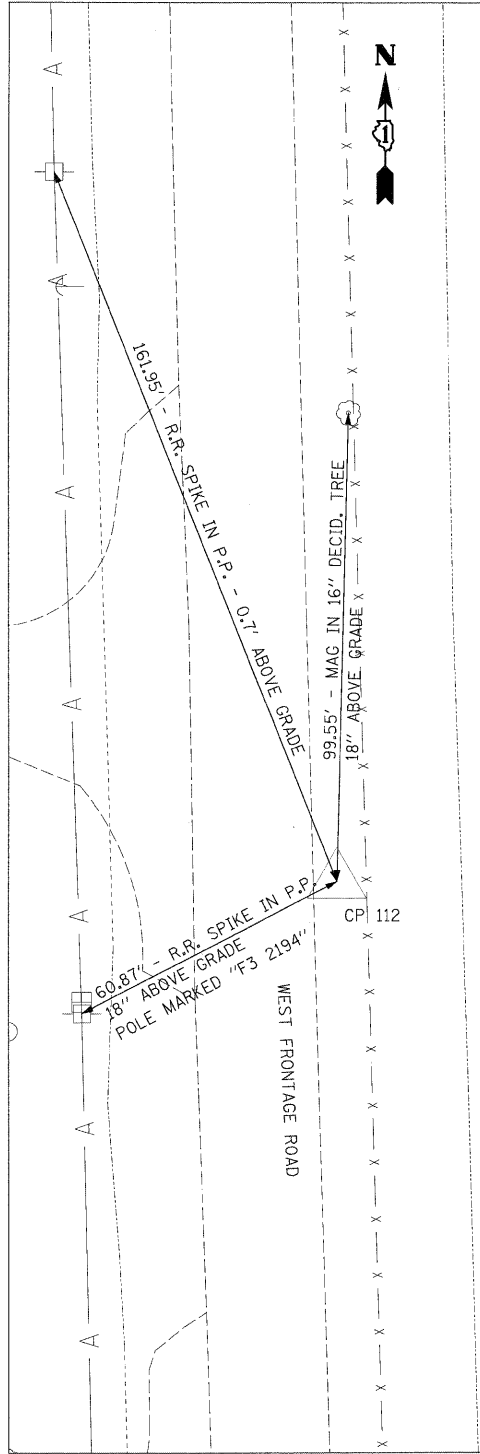
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIES, AND BENCHMARKS**

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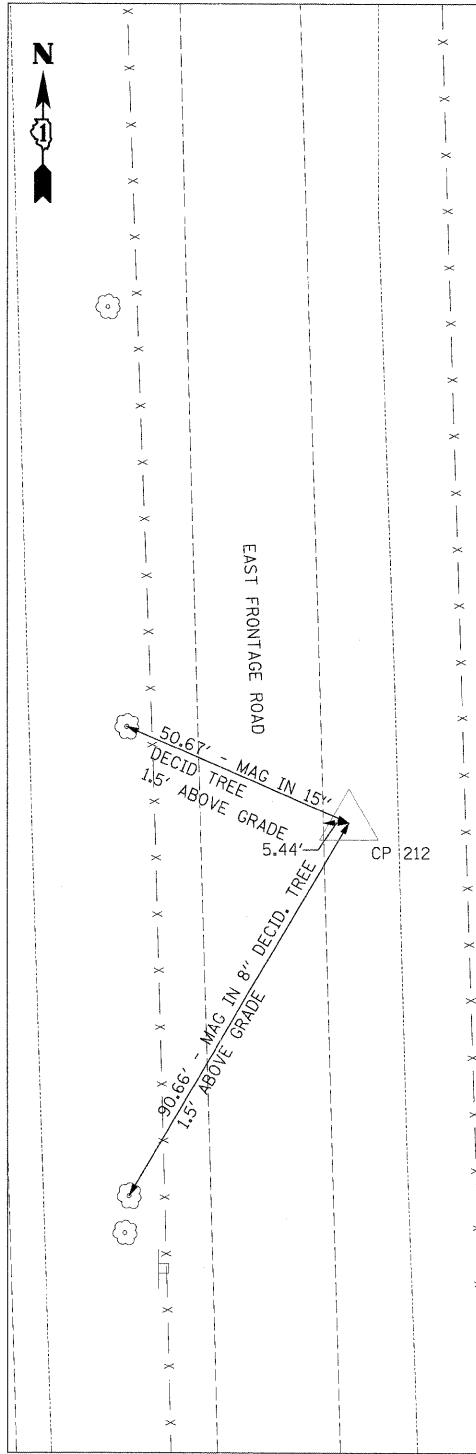
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CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**FINAL**



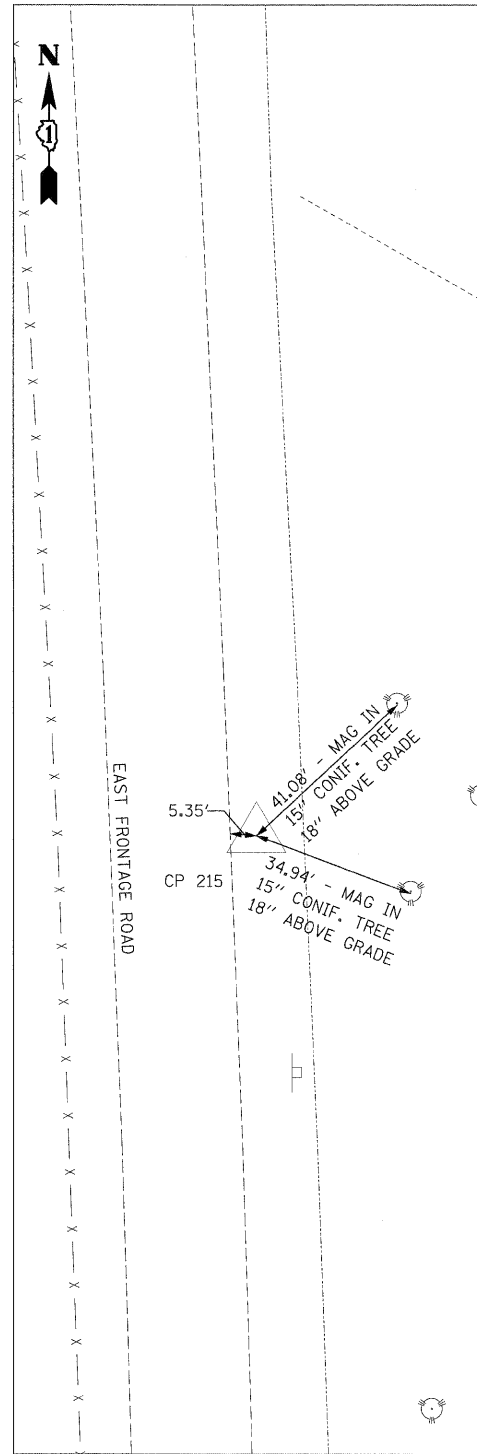
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 E 1022531.24  
 STA 1076+95.33  
 OFF 92.60' LT  
 ELEV 544.68



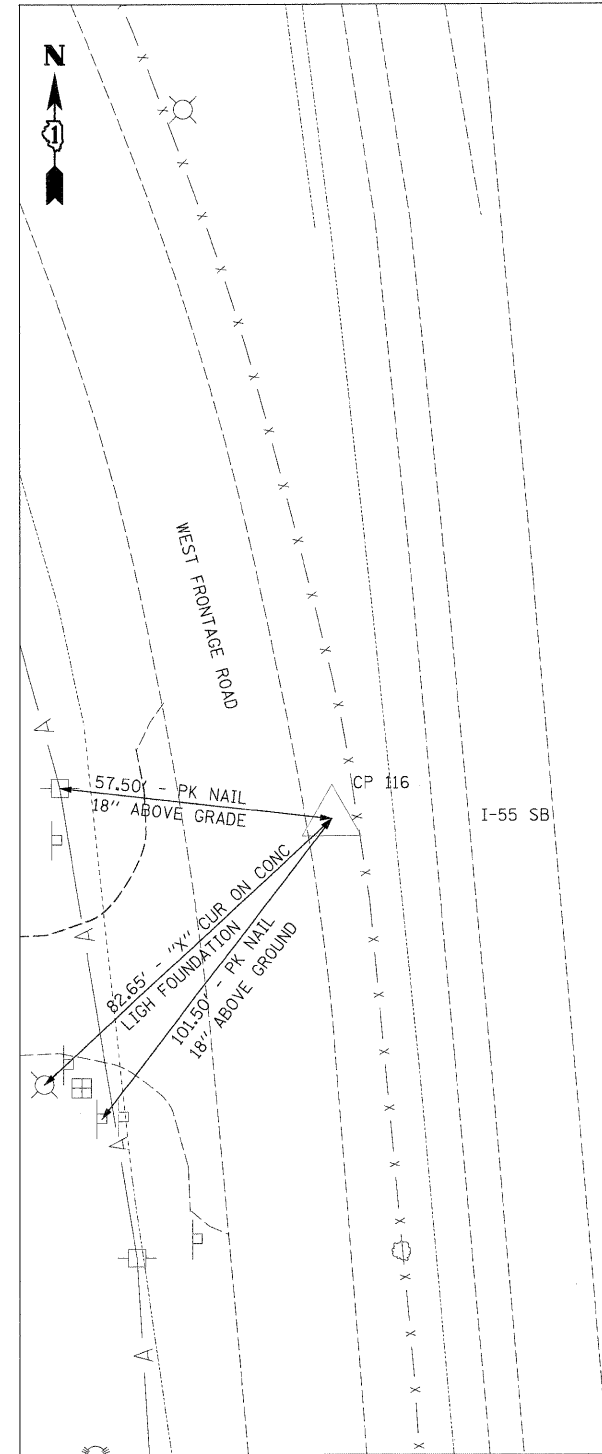
**CP 212**

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

FILE NAME =	USER NAME = TKluegel
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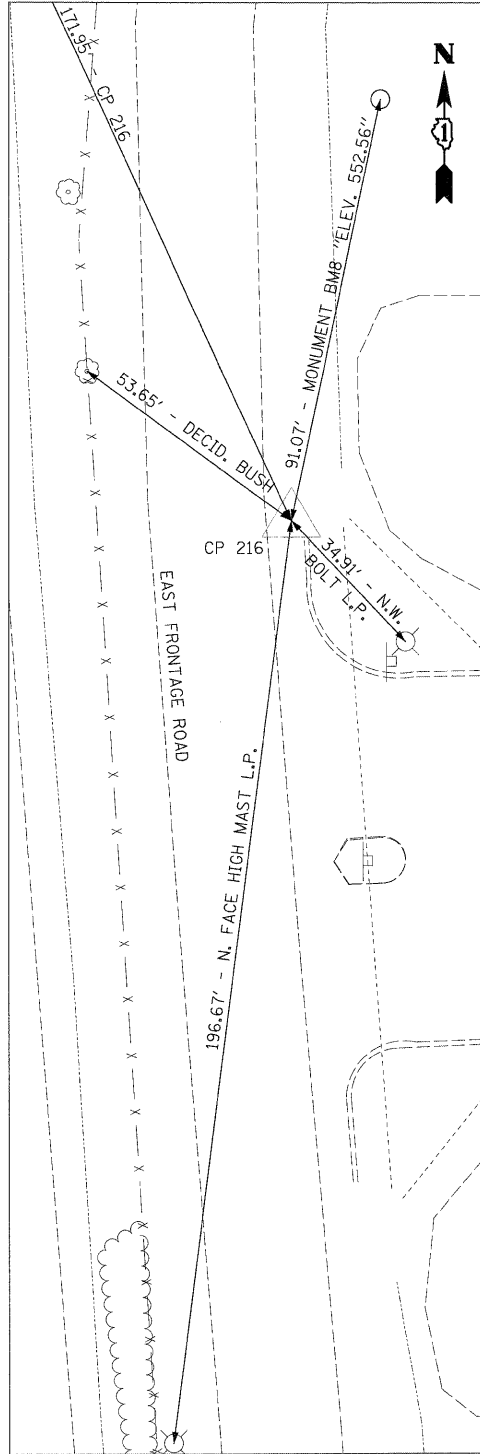
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIES, AND BENCHMARKS**

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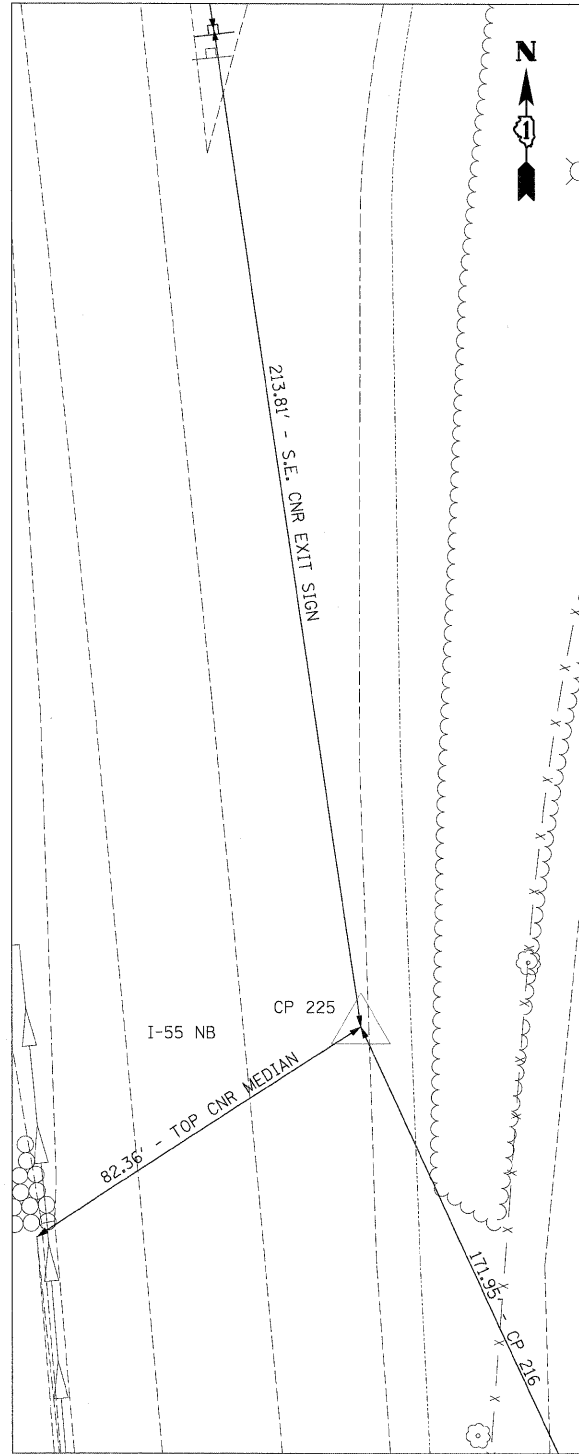
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55	(99-1&2)AC-3	WILL	524	35
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





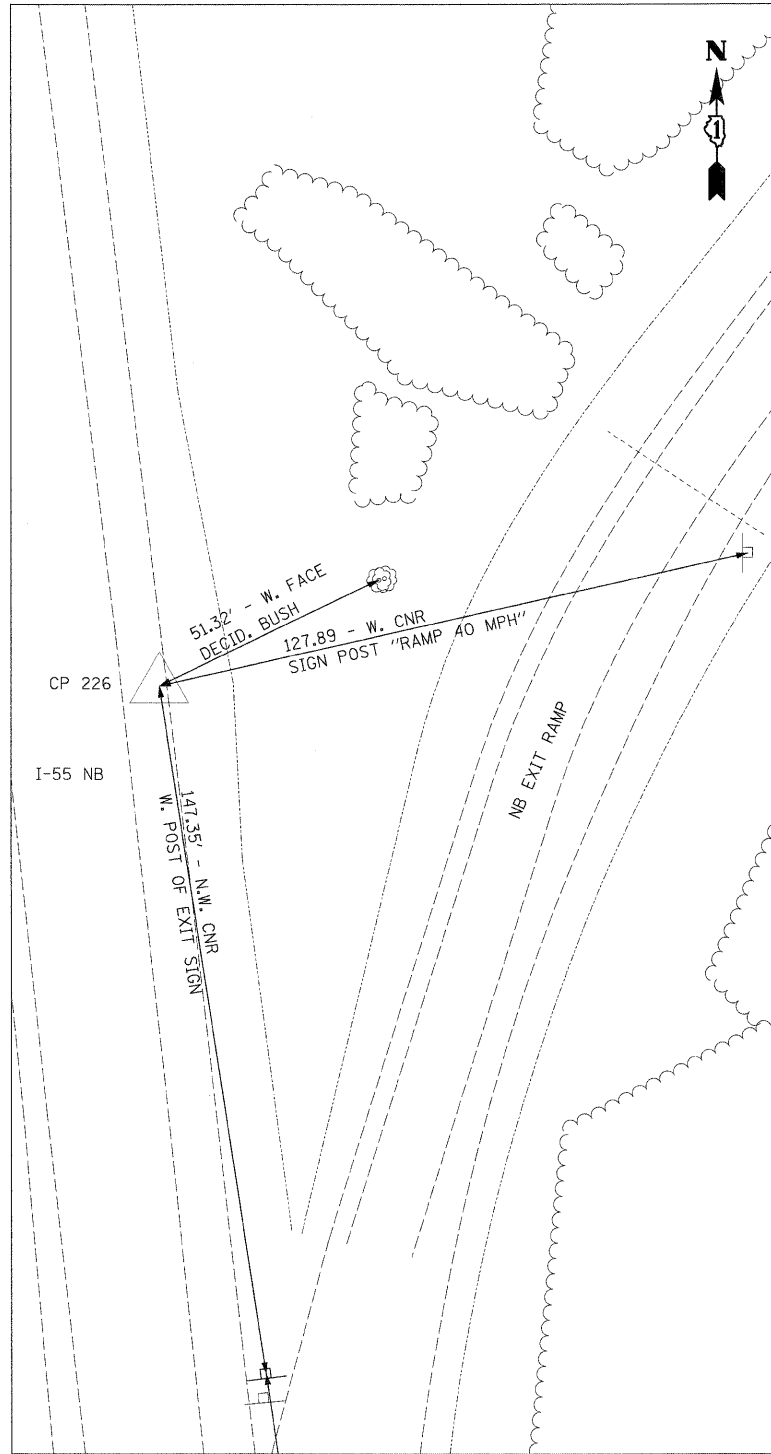
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 E 1022659.53  
 STA 1101+17.33  
 OFF 127.40' RT  
 ELEV 550.56



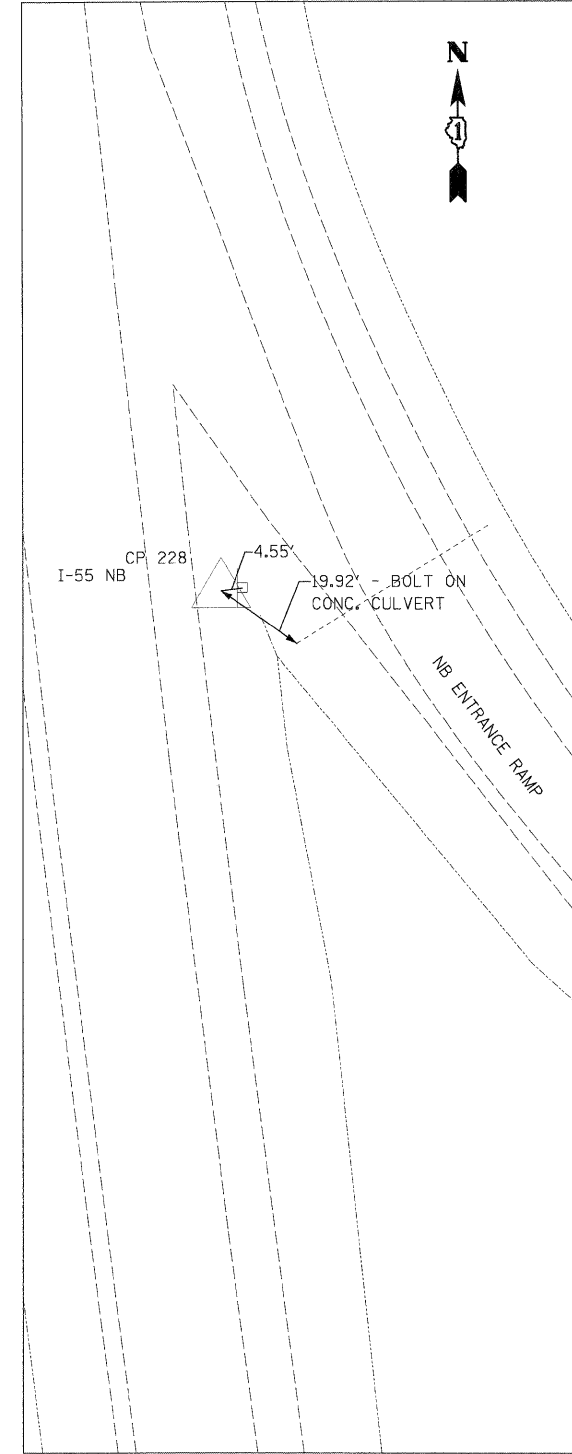
**CP 225**

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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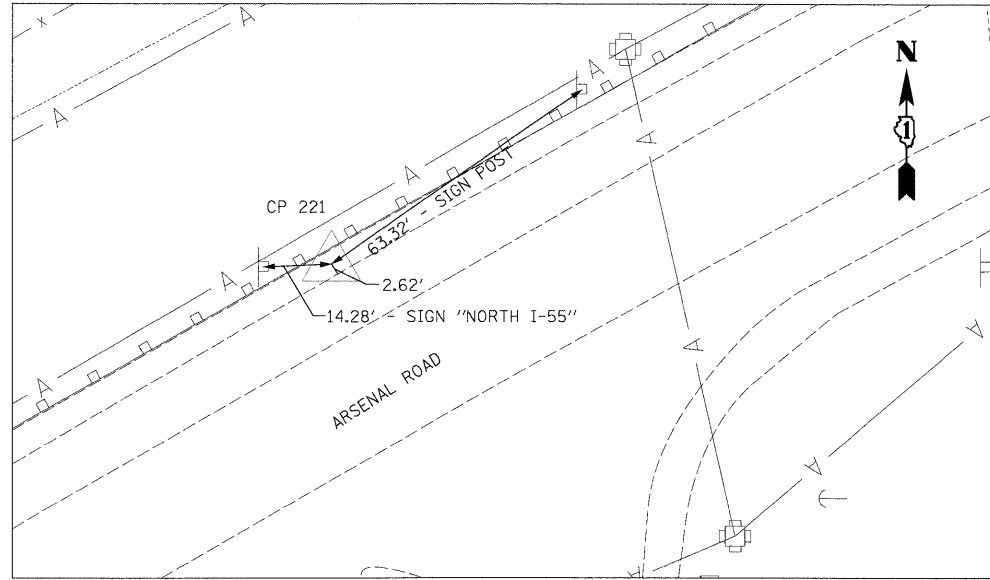
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIES, AND BENCHMARKS**

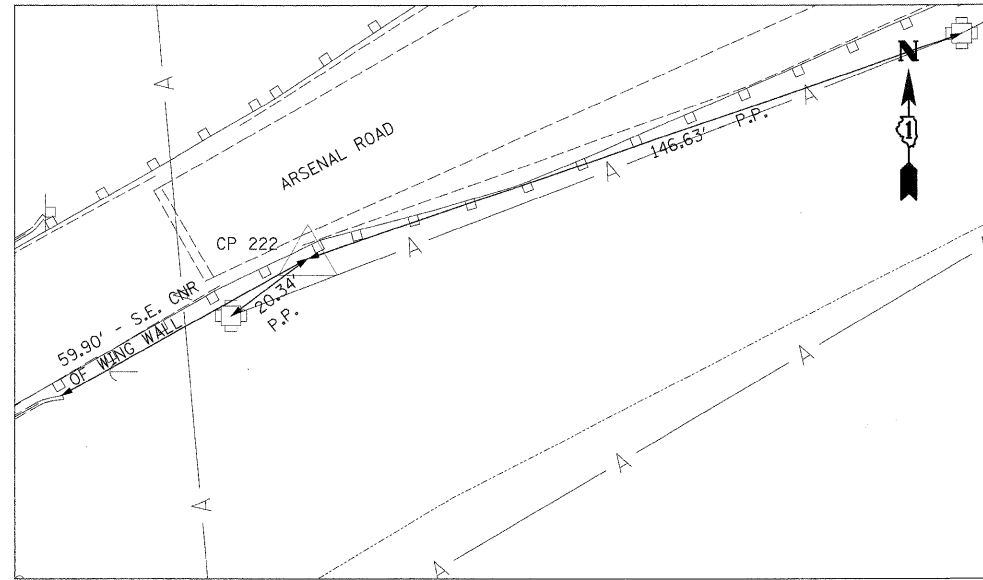
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

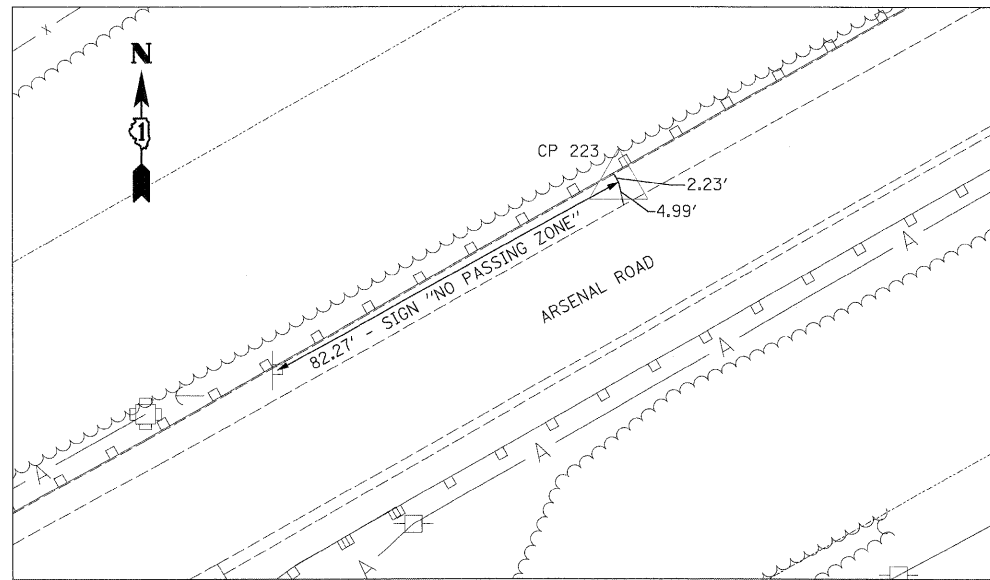
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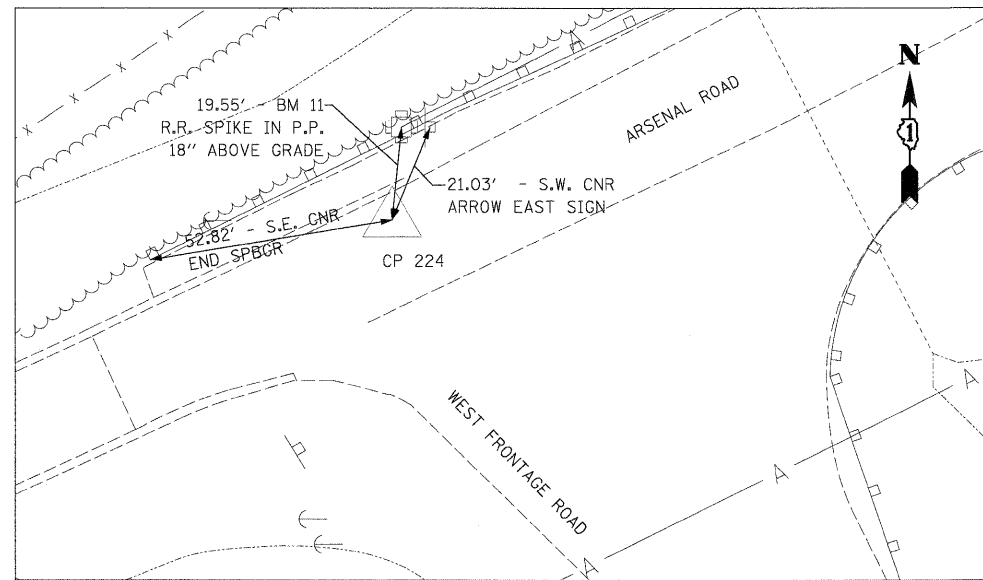
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 E 1022939.09  
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 OFF 596.23' RT  
 ELEV 555.27



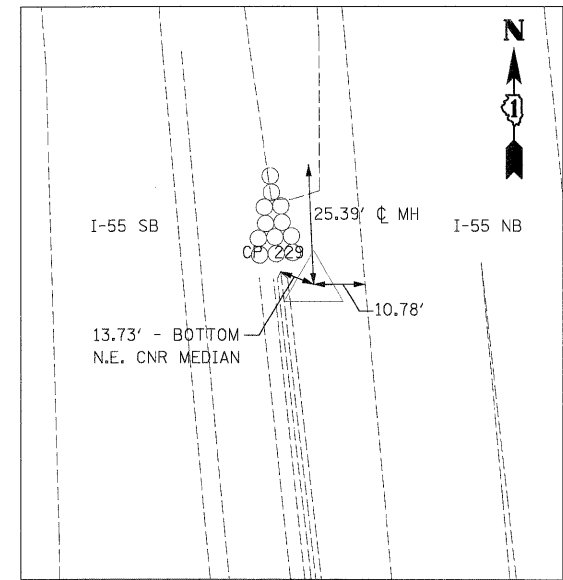
**CP 222**  
 N 1730819.15  
 E 1022538.84  
 STA 1118+08.78  
 OFF 181.43' RT  
 ELEV 563.33



**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

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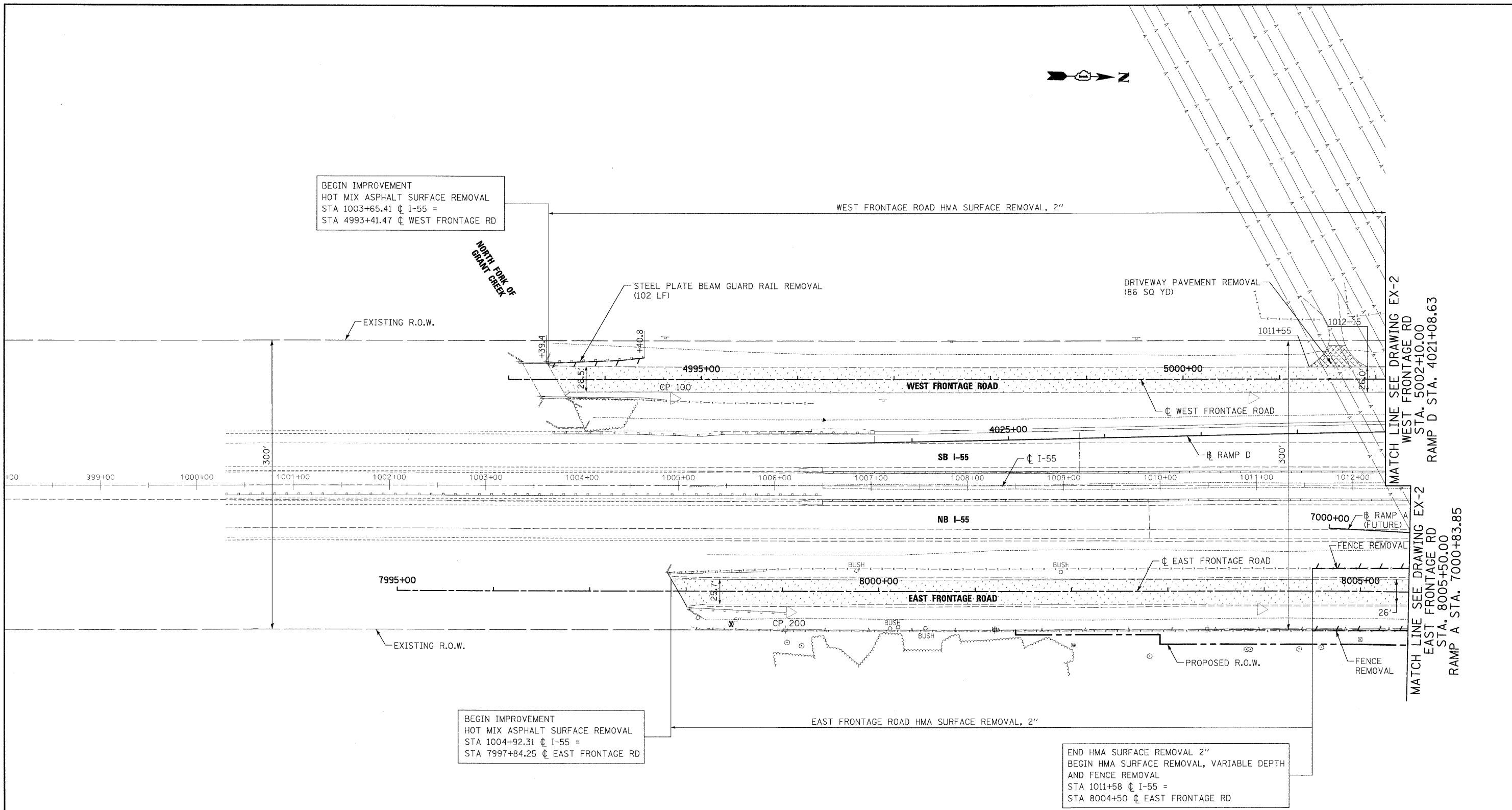
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIES, AND BENCHMARKS**

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

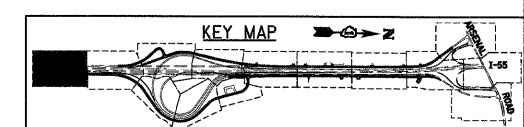
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	37
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



**EXISTING LEGEND**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HOT MIX ASPHALT SURFACE REMOVAL
- TREE REMOVAL WITH UNIT DIAMETER TRUNK
- LINEAL REMOVAL ITEM
- CP-100 CONTROL POINT NUMBER

- NOTES:**
- SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
  - SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.



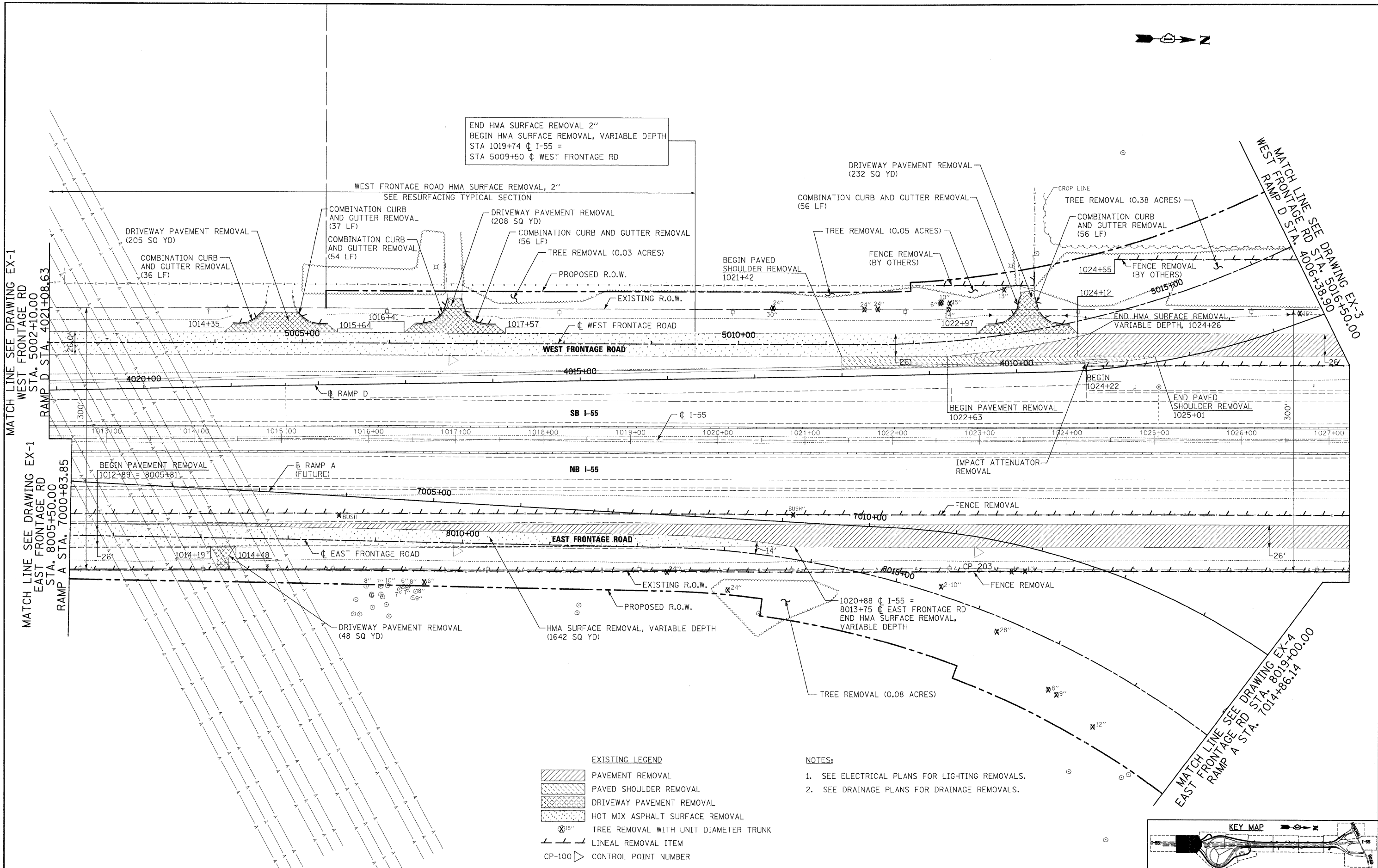
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**

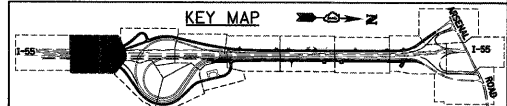
SCALE: 1"=50' SHEET NO. 1 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 38
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



END HMA SURFACE REMOVAL 2"  
 BEGIN HMA SURFACE REMOVAL, VARIABLE DEPTH  
 STA 1019+74 @ I-55 =  
 STA 5009+50 @ WEST FRONTAGE RD

- EXISTING LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - HOT MIX ASPHALT SURFACE REMOVAL
  - TREE REMOVAL WITH UNIT DIAMETER TRUNK
  - LINEAL REMOVAL ITEM
  - CONTROL POINT NUMBER
- NOTES:**
- SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
  - SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.



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**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. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 39
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

**FINAL**





FILE NAME =  
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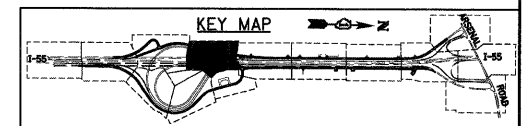
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING PLAN AND REMOVALS

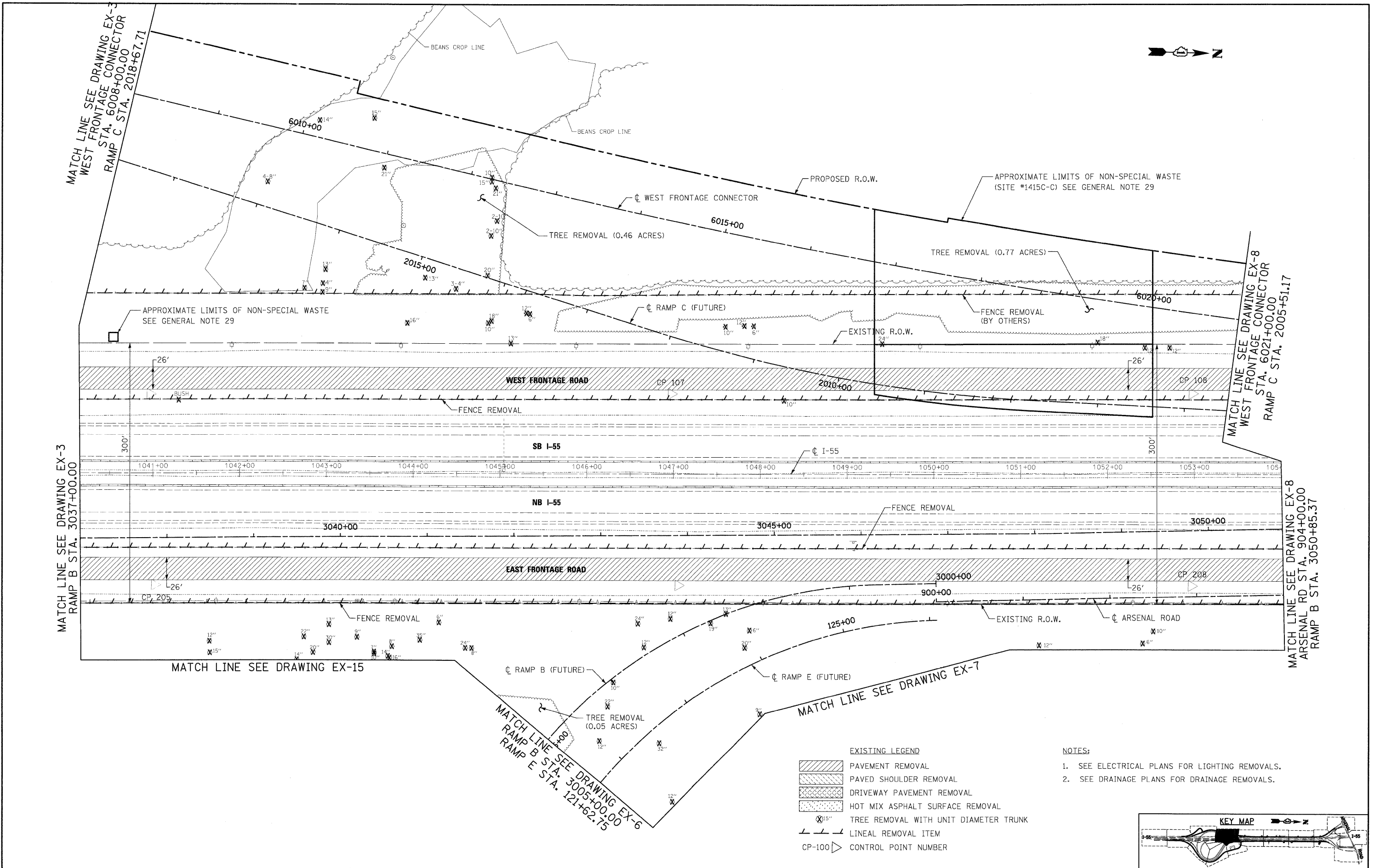
- EXISTING LEGEND
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - HOT MIX ASPHALT SURFACE REMOVAL
  - TREE REMOVAL WITH UNIT DIAMETER TRUNK
  - LINEAL REMOVAL ITEM
  - CP-100 CONTROL POINT NUMBER

NOTES:








1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	42
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

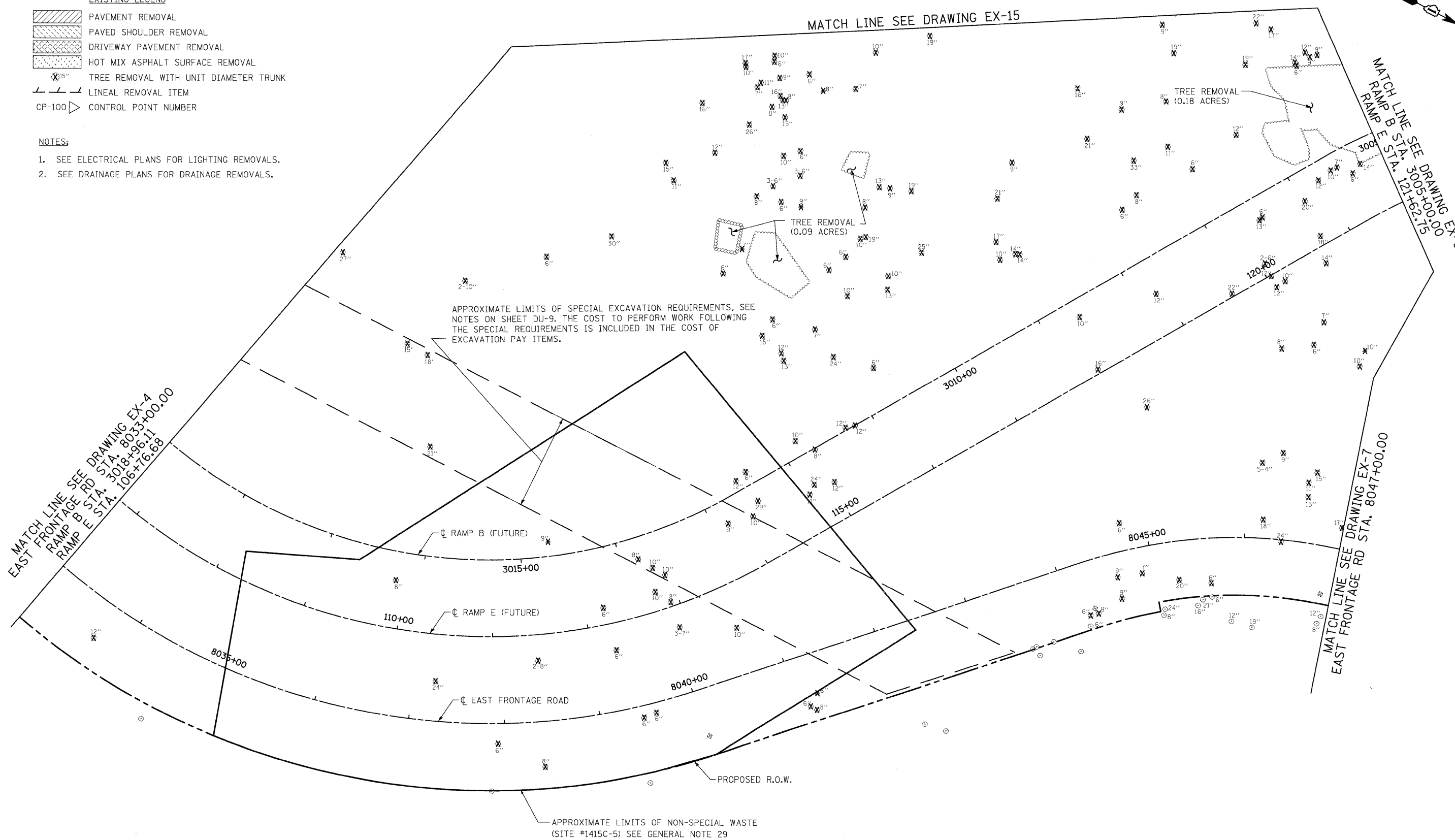




- EXISTING LEGEND**
-  PAVEMENT REMOVAL
  -  PAVED SHOULDER REMOVAL
  -  DRIVEWAY PAVEMENT REMOVAL
  -  HOT MIX ASPHALT SURFACE REMOVAL
  -  TREE REMOVAL WITH UNIT DIAMETER TRUNK
  -  LINEAL REMOVAL ITEM
  -  CP-100 CONTROL POINT NUMBER

**NOTES:**

1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.



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

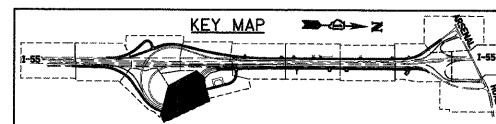
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



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**

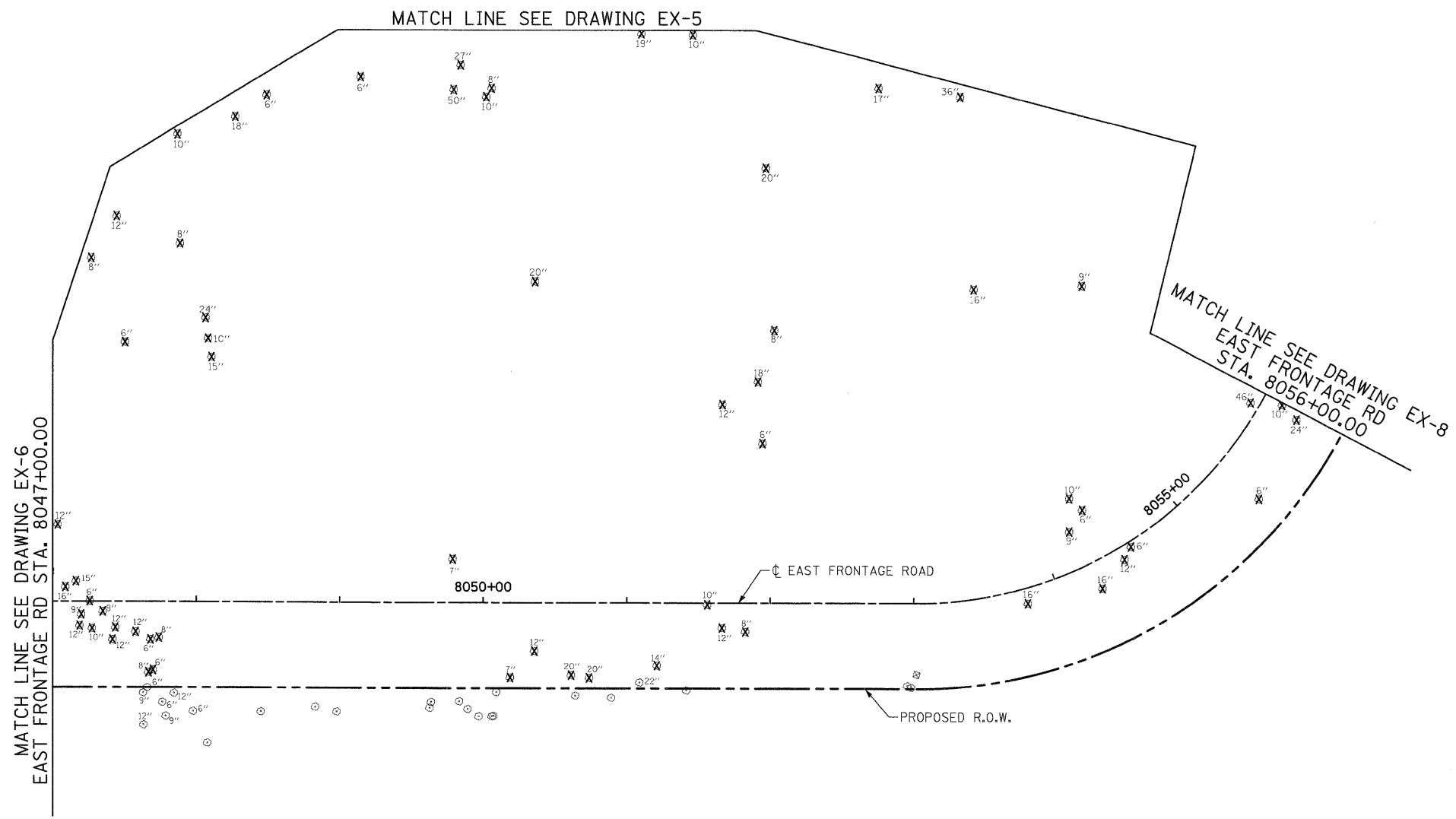
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	43
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

- EXISTING LEGEND**
-  PAVEMENT REMOVAL
  -  PAVED SHOULDER REMOVAL
  -  DRIVEWAY PAVEMENT REMOVAL
  -  HOT MIX ASPHALT SURFACE REMOVAL
  -  TREE REMOVAL WITH UNIT DIAMETER TRUNK
  -  LINEAL REMOVAL ITEM
  -  CP-100 CONTROL POINT NUMBER

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
  2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.



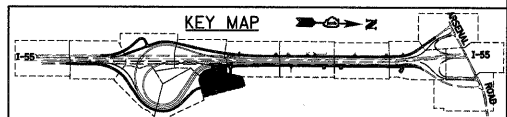
**McDonough Associates Inc.**  
 Engineers / Architects  
 130 East Randolph Street Chicago, Illinois 60601

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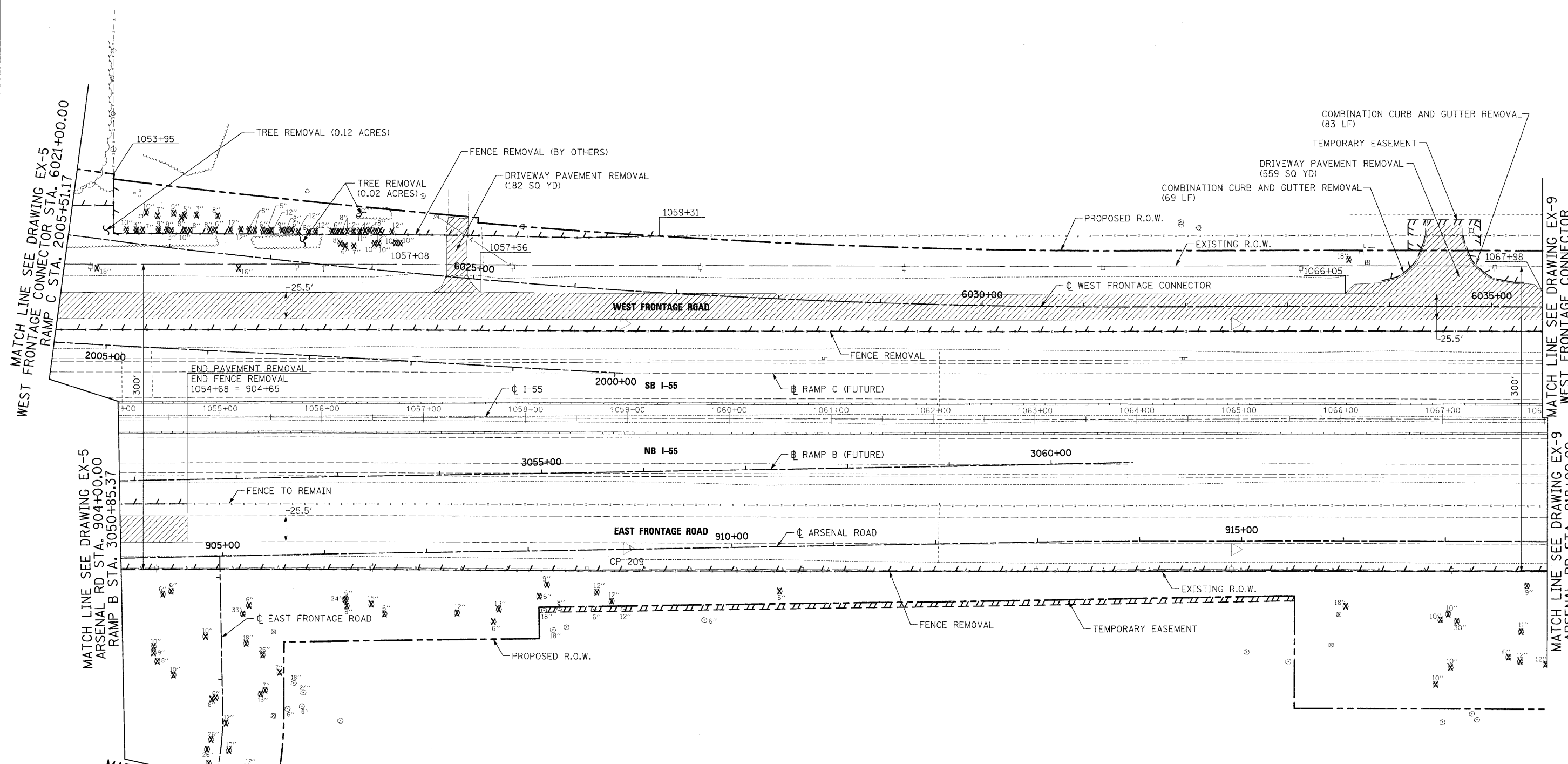
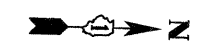
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**

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



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	44
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



MATCH LINE SEE DRAWING EX-5  
WEST FRONTAGE CONNECTOR STA. 6021+00.00  
RAMP C STA. 2005+51.17

MATCH LINE SEE DRAWING EX-5  
ARSENAL RD STA. 904+00.00  
RAMP B STA. 3050+85.37

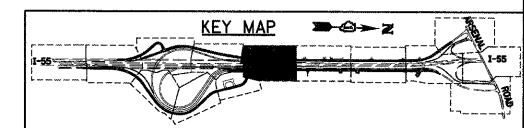
MATCH LINE SEE DRAWING EX-7  
EAST FRONTAGE RD STA. 8056+00.00

MATCH LINE SEE DRAWING EX-9  
WEST FRONTAGE CONNECTOR  
STA. 6035+50.00  
RAMP C STA. 1990+89.59

MATCH LINE SEE DRAWING EX-9  
ARSENAL RD STA. 918+00.00

- EXISTING LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - HOT MIX ASPHALT SURFACE REMOVAL
  - TREE REMOVAL WITH UNIT DIAMETER TRUNK
  - LINEAL REMOVAL ITEM
  - CONTROL POINT NUMBER

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
  2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.



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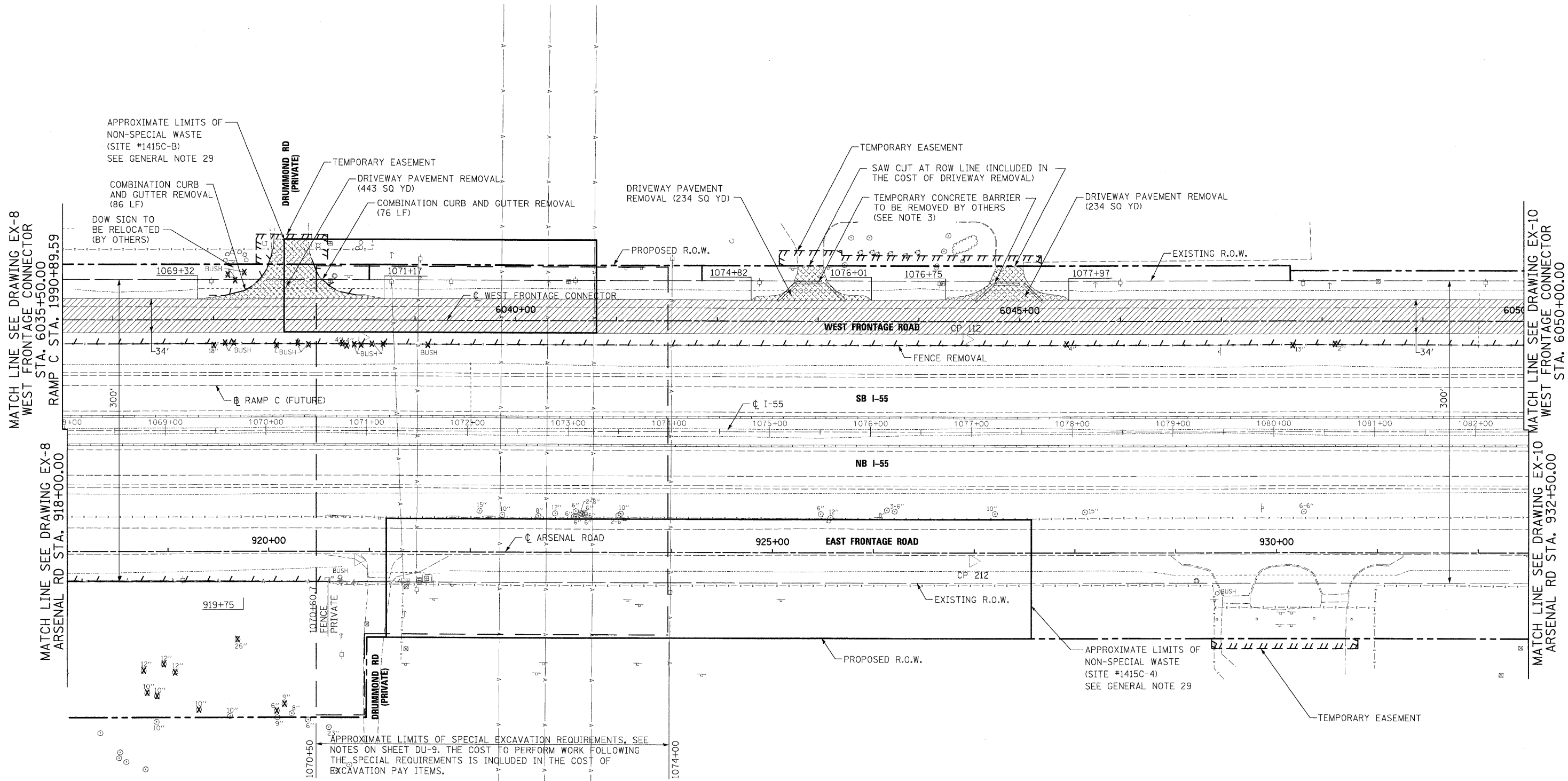
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		DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**

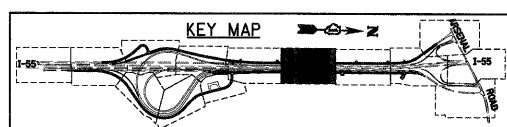
SCALE: 1"=50' SHEET NO. 8 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	45
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



- EXISTING LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - HOT MIX ASPHALT SURFACE REMOVAL
  - TREE REMOVAL WITH UNIT DIAMETER TRUNK
  - LINEAL REMOVAL ITEM
  - CONTROL POINT NUMBER

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
  2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.
  3. WILL COUNTY HIGHWAY DEPARTMENT TO REMOVE.



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FILE NAME = D168031-SHT-REM09.dgn	USER NAME = TKluegel	DESIGNED - JTF	REVISED -
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		DATE - 12/18/09	REVISED -

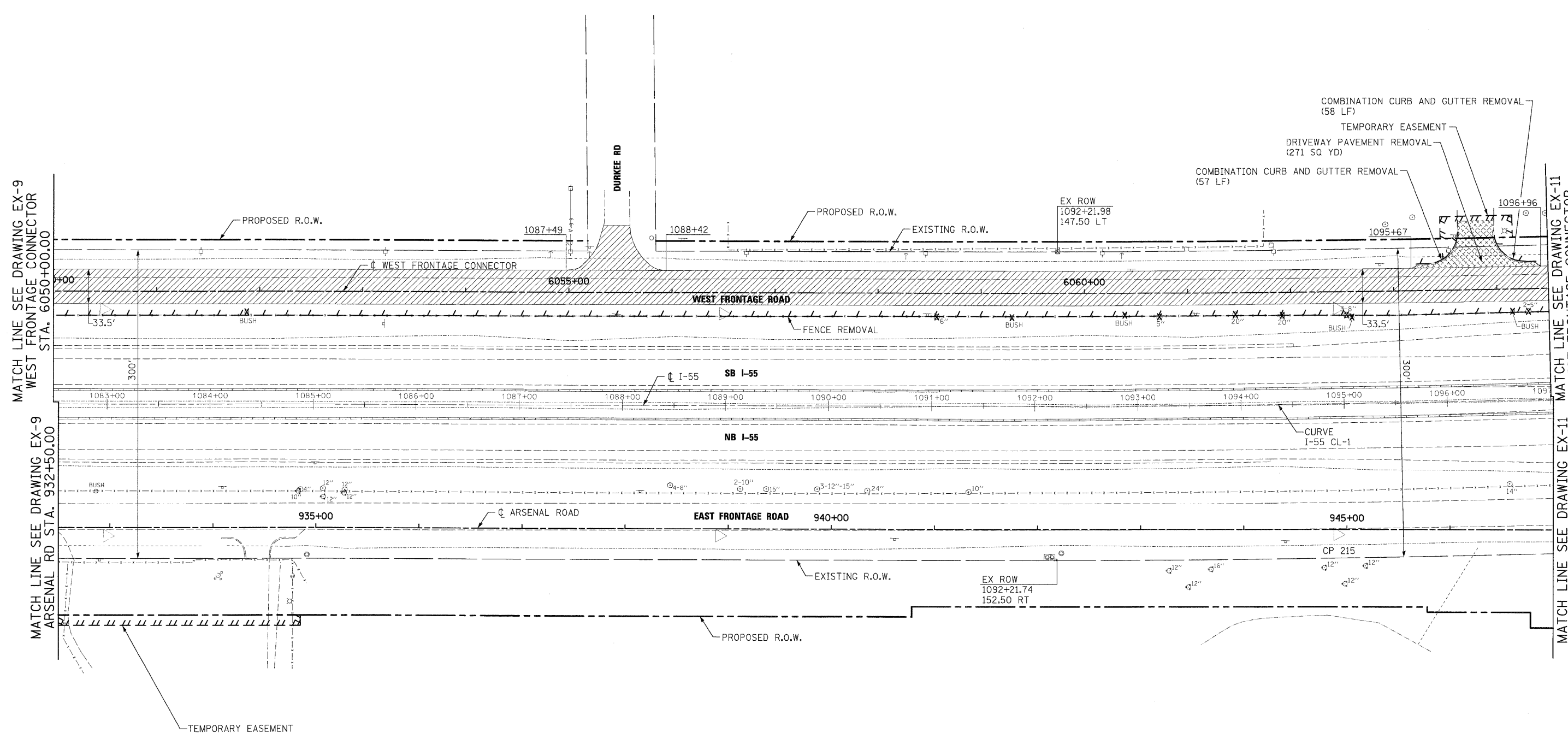
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**

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

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 46
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

**FINAL**



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

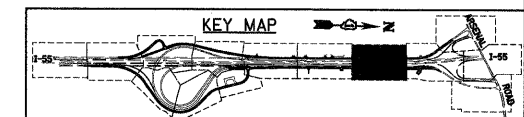
MATCH LINE SEE DRAWING EX-9  
ARSENAL RD STA. 932+50.00

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
  - HOT MIX ASPHALT SURFACE REMOVAL
  - TREE REMOVAL WITH UNIT DIAMETER TRUNK
  - LINEAL REMOVAL ITEM
  - CONTROL POINT NUMBER

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
  2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.



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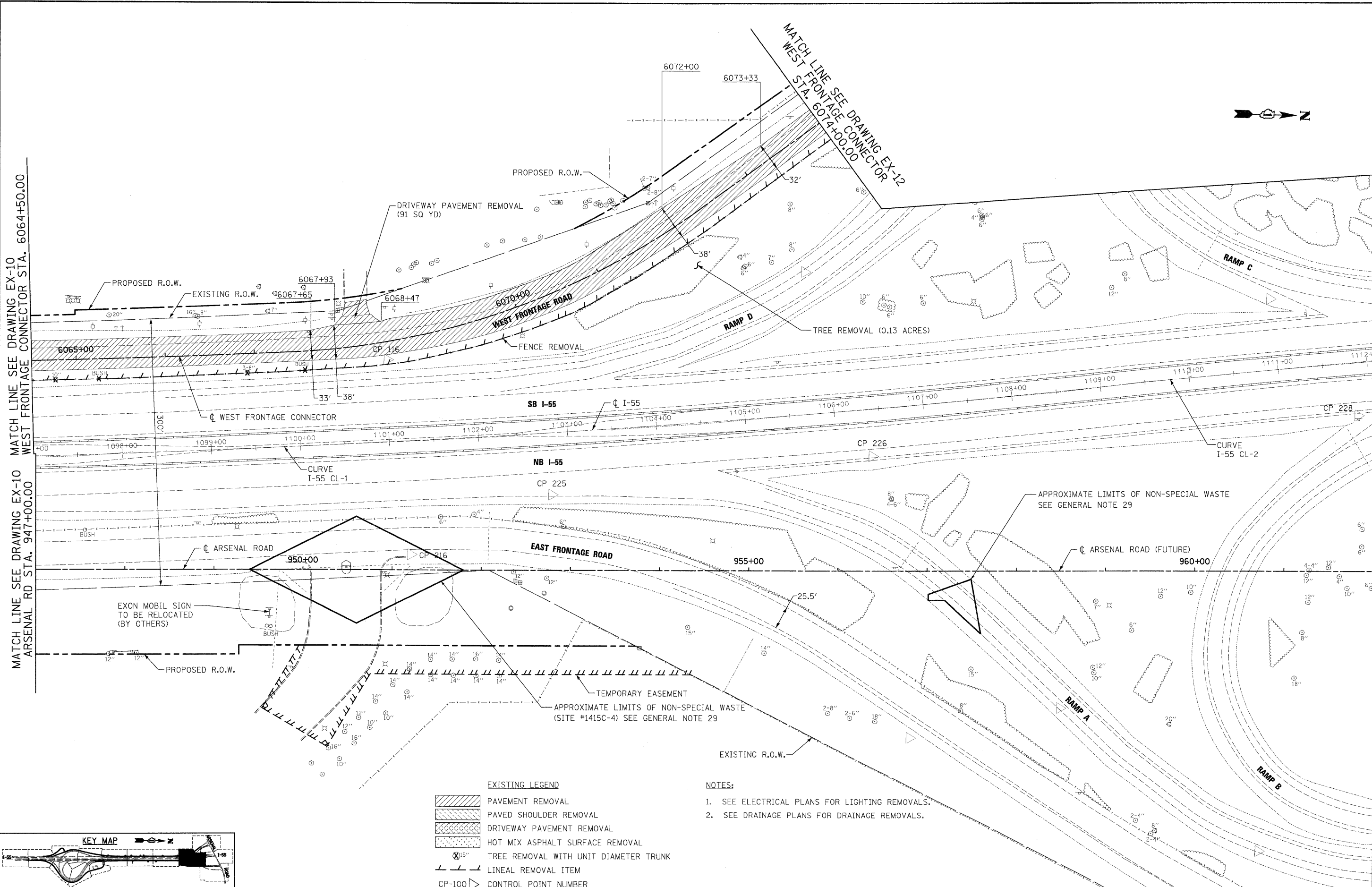
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		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**

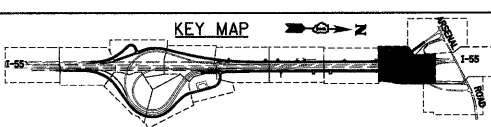
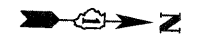
SCALE: 1"=50'    SHEET NO. 10 OF 15 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	47
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



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

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



- EXISTING LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - HOT MIX ASPHALT SURFACE REMOVAL
  - TREE REMOVAL WITH UNIT DIAMETER TRUNK
  - LINEAL REMOVAL ITEM
  - CONTROL POINT NUMBER

- NOTES:**
- SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
  - SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.

FILE NAME = D168C31-SHT-REM11.dgn	USER NAME = TKJuegel	DESIGNED - JTF	REVISED -
PLOT SCALE = 1:50	CHECKED - DLT	DRAWN - JTF	REVISED -
PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISIONS	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. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 48
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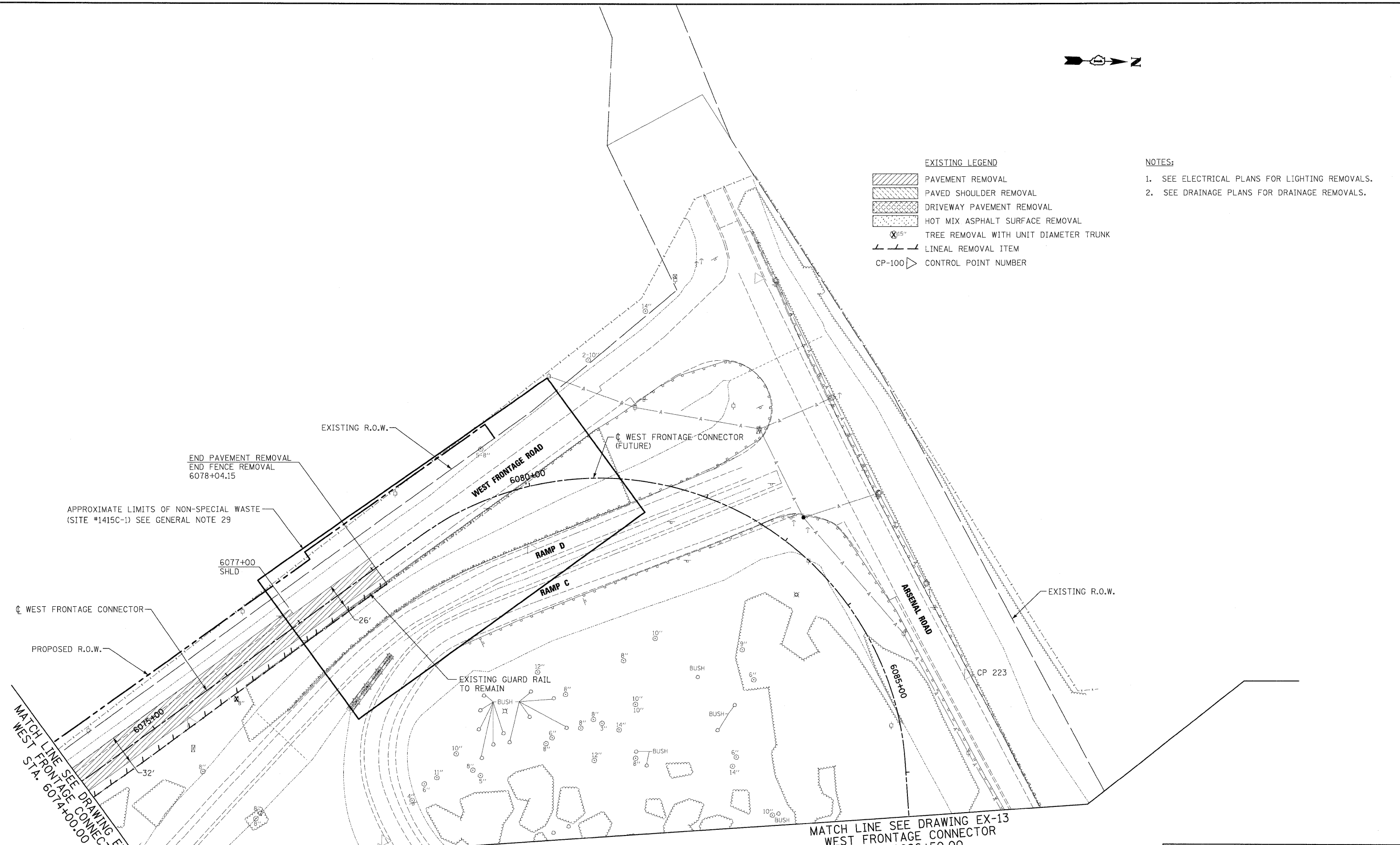
CONTRACT NO. 60C31	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

**FINAL**



- EXISTING LEGEND**
-  PAVEMENT REMOVAL
  -  PAVED SHOULDER REMOVAL
  -  DRIVEWAY PAVEMENT REMOVAL
  -  HOT MIX ASPHALT SURFACE REMOVAL
  -  TREE REMOVAL WITH UNIT DIAMETER TRUNK
  -  LINEAL REMOVAL ITEM
  -  CONTROL POINT NUMBER

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
  2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.



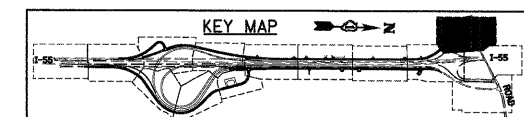
**McDonough Associates Inc.**  
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 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D162C31-SHT-REM12.dgn	USER NAME = TKluegel	DESIGNED - JTF	REVISED -
		DRAWN - JTF	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**

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

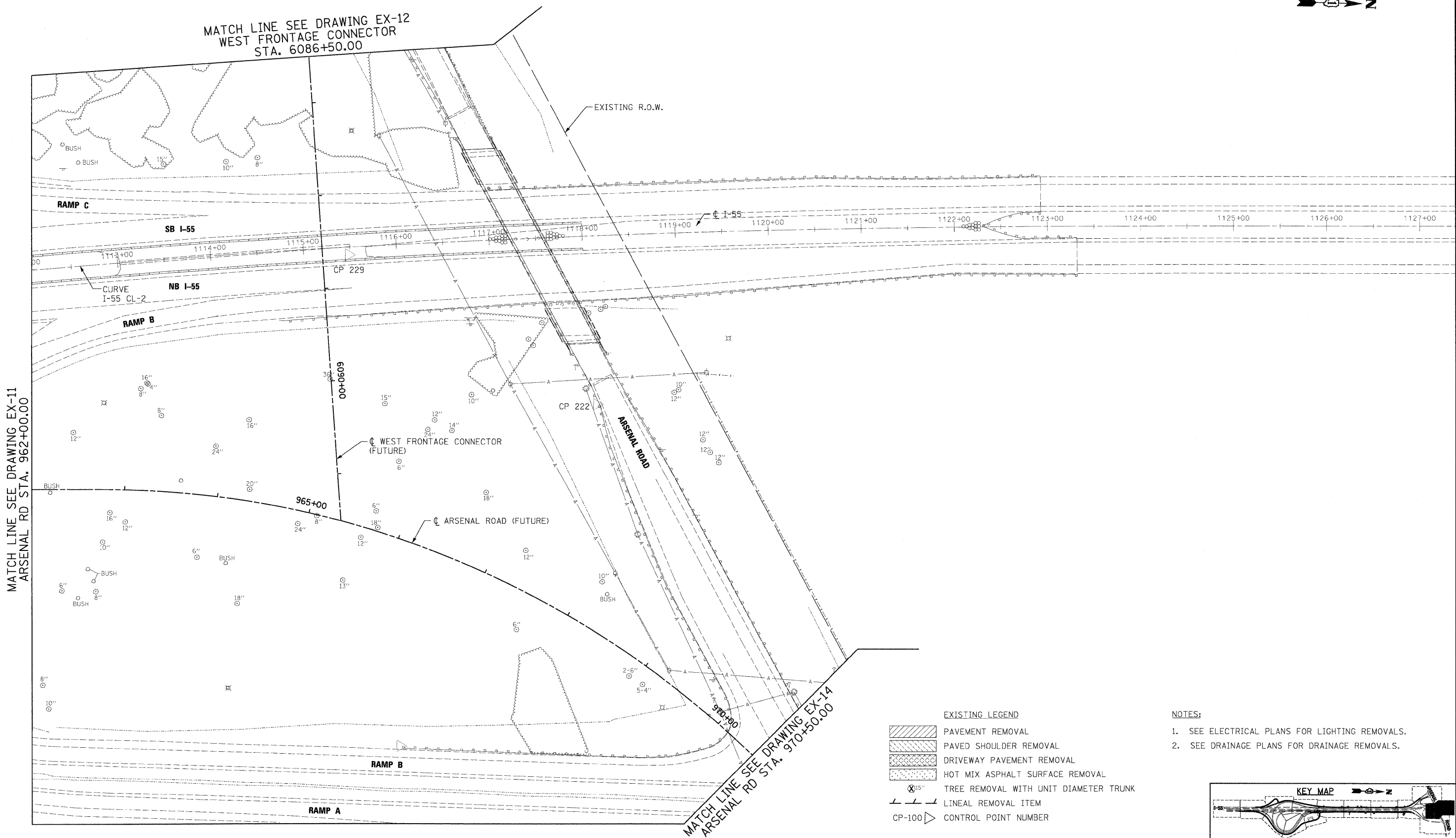


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	49
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	





MATCH LINE SEE DRAWING EX-12  
WEST FRONTAGE CONNECTOR  
STA. 6086+50.00

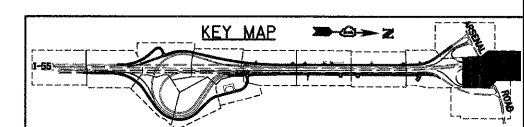


MATCH LINE SEE DRAWING EX-11  
ARSENAL RD STA. 962+00.00

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

- EXISTING LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - HOT MIX ASPHALT SURFACE REMOVAL
  - TREE REMOVAL WITH UNIT DIAMETER TRUNK
  - LINEAL REMOVAL ITEM
  - CP-100 CONTROL POINT NUMBER

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
  2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.



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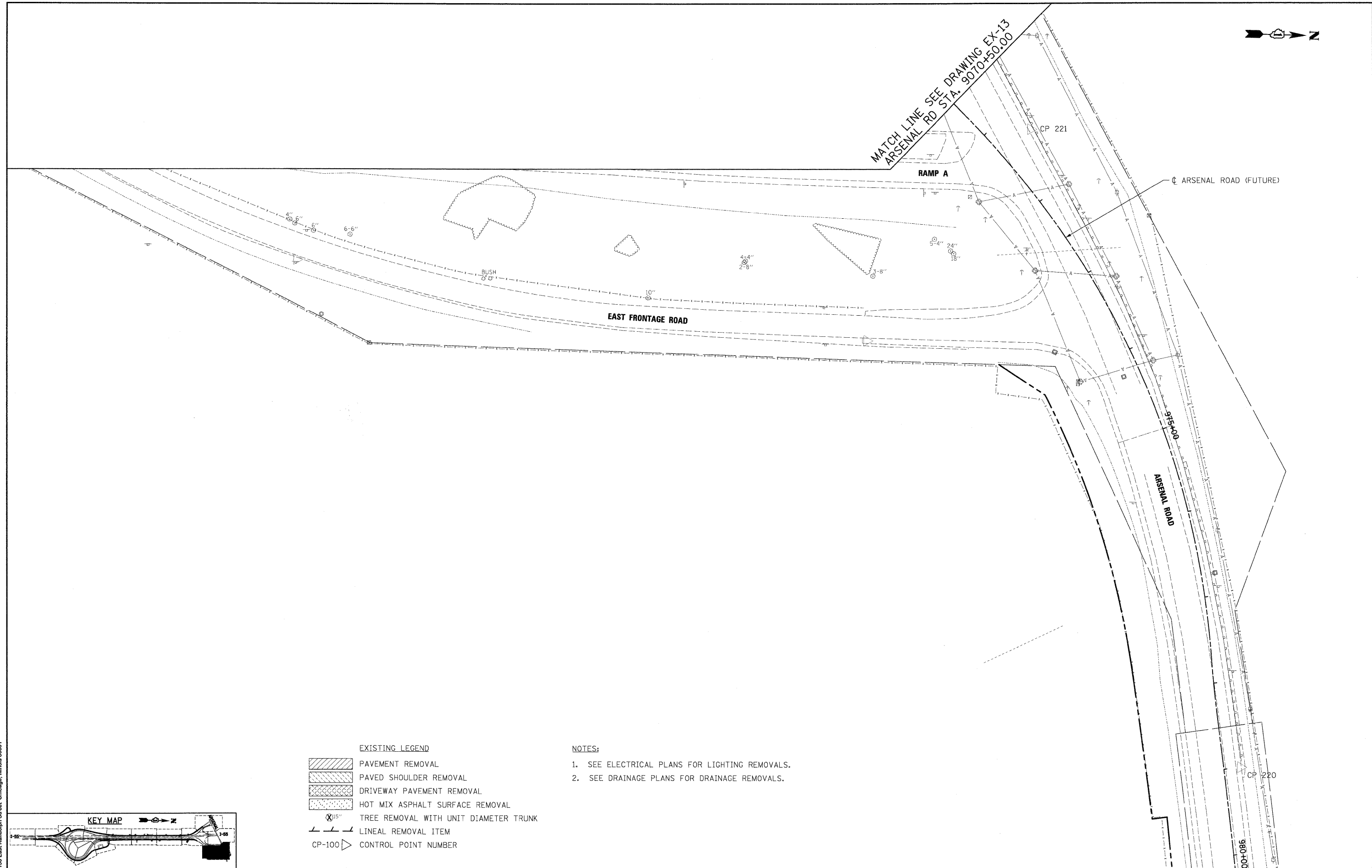
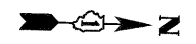
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PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISOR -	REVISED -

**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 (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 50
						CONTRACT NO. 60C31	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

**FINAL**

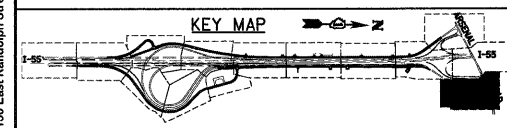


**EXISTING LEGEND**

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HOT MIX ASPHALT SURFACE REMOVAL
	TREE REMOVAL WITH UNIT DIAMETER TRUNK
	LINEAL REMOVAL ITEM
	CONTROL POINT NUMBER

**NOTES:**

1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.



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PLOT DATE = 12/11/2009		CHECKED - DLT	REVISED -
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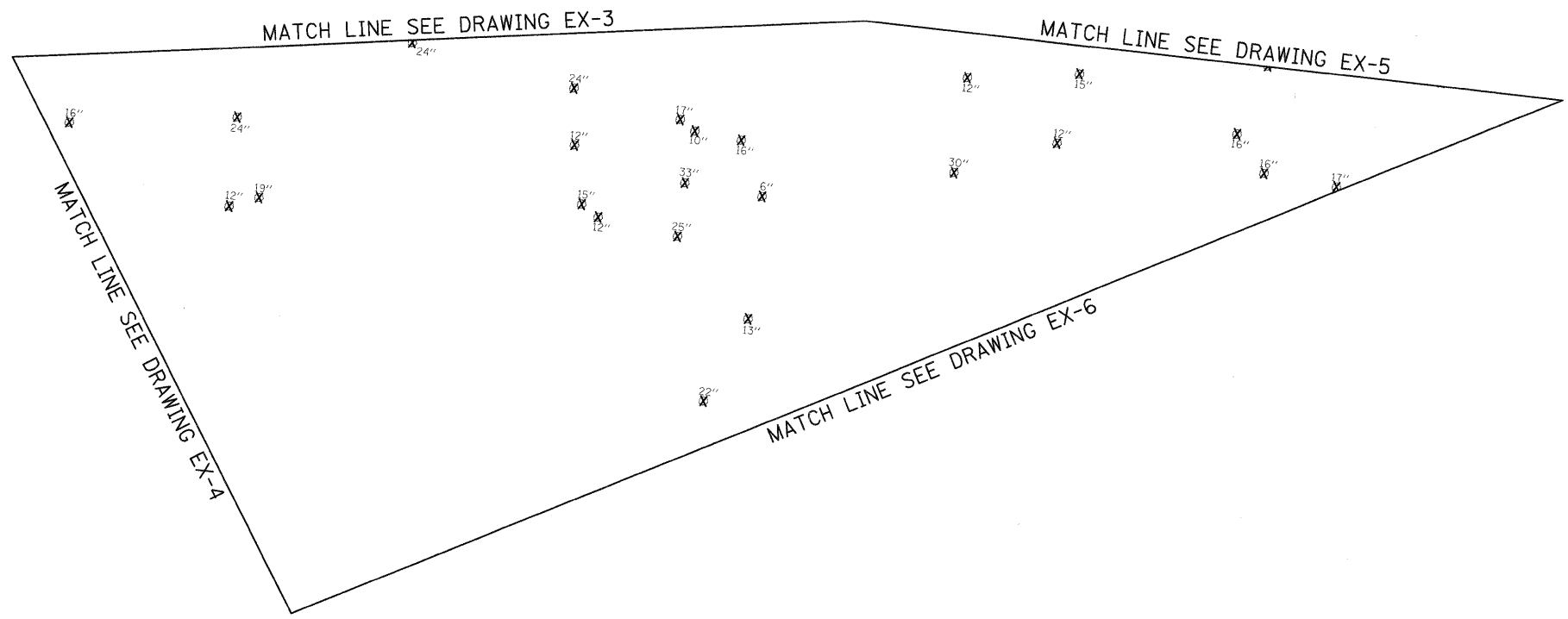
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**

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

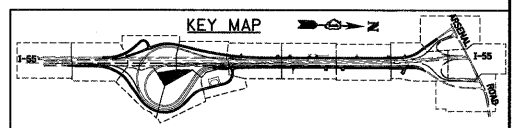
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	51
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

**FINAL**



- EXISTING LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - HOT MIX ASPHALT SURFACE REMOVAL
  - TREE REMOVAL WITH UNIT DIAMETER TRUNK
  - LINEAL REMOVAL ITEM
  - CONTROL POINT NUMBER

- NOTES:**
1. SEE ELECTRICAL PLANS FOR LIGHTING REMOVALS.
  2. SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS.



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FILE NAME = D160C31-SHT-REM15.dgn	USER NAME = TKluegel	DESIGNED - JTF	REVISED -
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	PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**

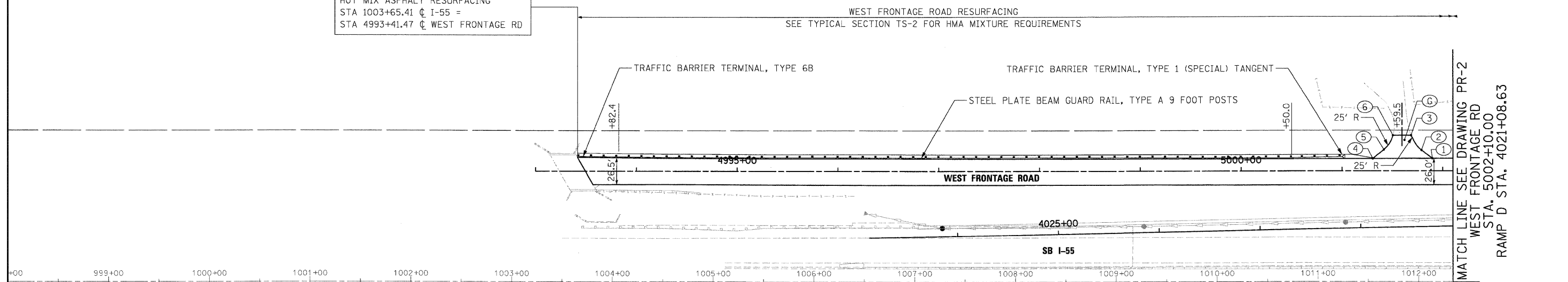
SCALE: 1"=50' SHEET NO. 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	52
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

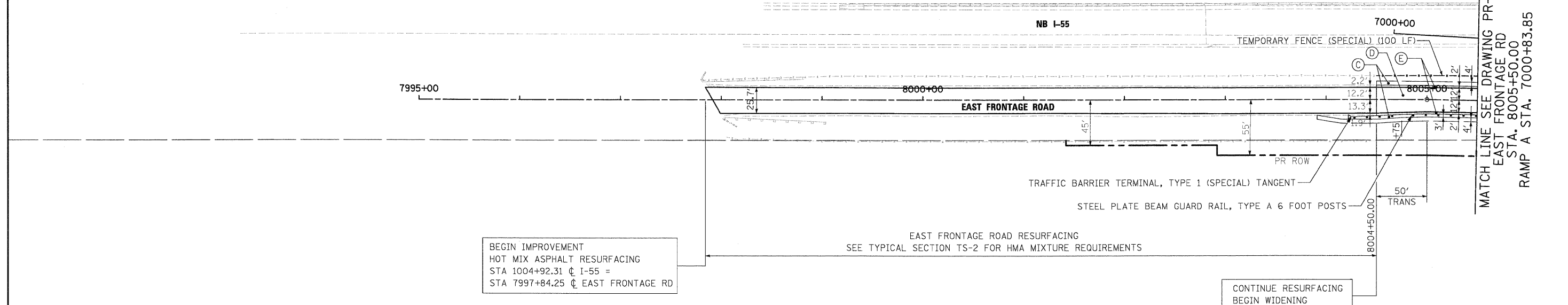
NO.	STATION	OFFSET
①	5001+89.63	12.41' LT
②	5001+78.86	20.38' LT
③	5001+68.49	35.00' LT
④	5001+30.54	12.25' LT
⑤	5001+41.54	20.87' LT
⑥	5001+50.50	35.00' LT



BEGIN IMPROVEMENT  
HOT MIX ASPHALT RESURFACING  
STA 1003+65.41 @ I-55 =  
STA 4993+41.47 @ WEST FRONTAGE RD



BEGIN IMPROVEMENT  
HOT MIX ASPHALT RESURFACING  
STA 1004+92.31 @ I-55 =  
STA 7997+84.25 @ EAST FRONTAGE RD



- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
  - (B) PCC SHOULDERS, 10"
  - (C) AGGREGATE SHOULDERS, TYPE B
  - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
  - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
  - (F) NOT USED
  - (G) HMA DRIVEWAY PAVEMENT
  - (H) PCC DRIVEWAY PAVEMENT, 10"
  - (I) STATION OFFSET
  - - - FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)

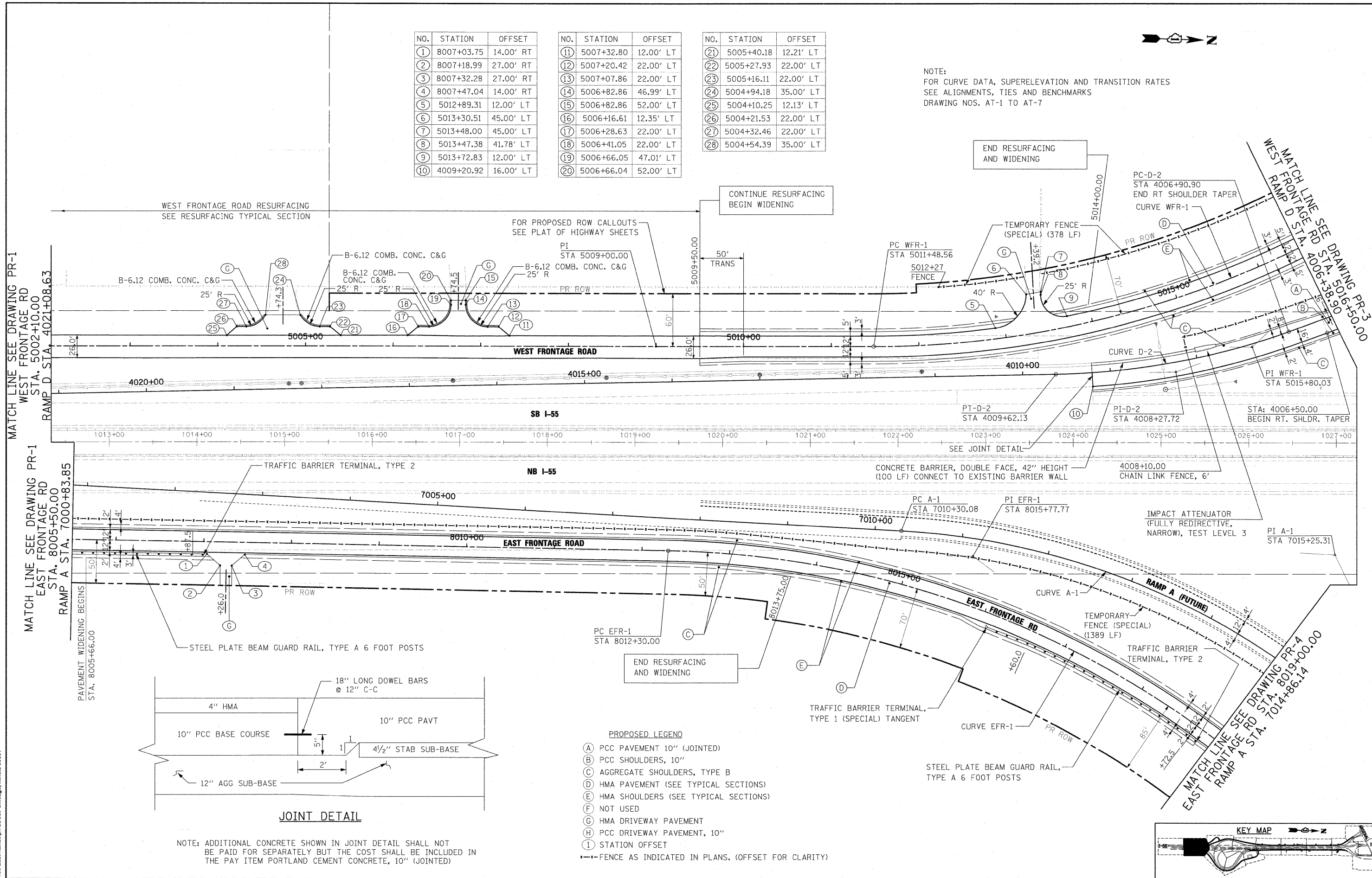
NOTE:  
FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES  
SEE ALIGNMENTS, TIES AND BENCHMARKS  
DRAWING NOS. AT-1 TO AT-7

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 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\1602C31-SHT-PLAN01.dgn	USER NAME = TKluegel	DESIGNED - JTF	REVISIONS -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLAN</b>	F.A.I. RTE. = 55	SECTION = (99-1&2)AC-3	COUNTY = WILL	TOTAL SHEETS = 524	SHEET NO. = 53	
PLOT SCALE = 1:50	CHECKED - DLT	REVISIONS -	SCALE: 1"=50'			SHEET NO. 1 OF 15 SHEETS	STA. TO STA.	CONTRACT NO. 60C31		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISIONS -									

NO.	STATION	OFFSET	NO.	STATION	OFFSET	NO.	STATION	OFFSET
1	8007+03.75	14.00' RT	11	5007+32.80	12.00' LT	21	5005+40.18	12.21' LT
2	8007+18.99	27.00' RT	12	5007+20.42	22.00' LT	22	5005+27.93	22.00' LT
3	8007+32.28	27.00' RT	13	5007+07.86	22.00' LT	23	5005+16.11	22.00' LT
4	8007+47.04	14.00' RT	14	5006+82.86	46.99' LT	24	5004+94.18	35.00' LT
5	5012+89.31	12.00' LT	15	5006+82.86	52.00' LT	25	5004+10.25	12.13' LT
6	5013+30.51	45.00' LT	16	5006+16.61	12.35' LT	26	5004+21.53	22.00' LT
7	5013+48.00	45.00' LT	17	5006+28.63	22.00' LT	27	5004+32.46	22.00' LT
8	5013+47.38	41.78' LT	18	5006+41.05	22.00' LT	28	5004+54.39	35.00' LT
9	5013+72.83	12.00' LT	19	5006+66.05	47.01' LT			
10	4009+20.92	16.00' LT	20	5006+66.04	52.00' LT			

NOTE:  
FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES  
SEE ALIGNMENTS, TIES AND BENCHMARKS  
DRAWING NOS. AT-1 TO AT-7



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FILE NAME = D:\00\31-SHIT-PLAN02.dgn  
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DESIGNED - JTF  
DRAWN - JTF  
CHECKED - DLT  
PLOT DATE = 1/19/2010

REVISOR -  
REVISOR -  
REVISOR -  
REVISOR -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

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

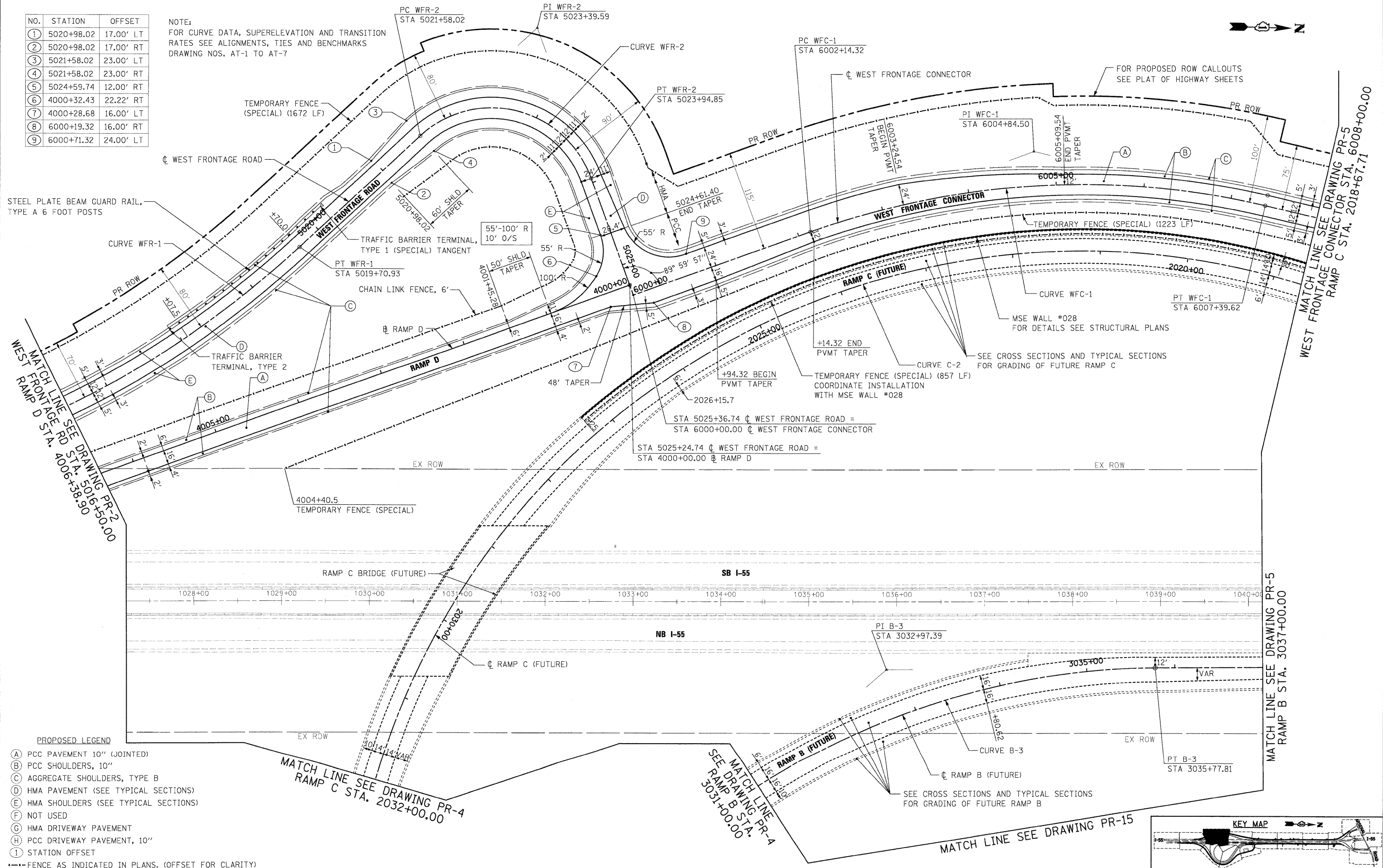
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)A-C-3	WILL	524	54

CONTRACT NO. 60C31

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

NO.	STATION	OFFSET
1	5020+98.02	17.00' LT
2	5020+98.02	17.00' RT
3	5021+58.02	23.00' LT
4	5021+58.02	23.00' RT
5	5024+59.74	12.00' RT
6	4000+32.43	22.22' RT
7	4000+28.68	16.00' LT
8	6000+19.32	16.00' RT
9	6000+71.32	24.00' LT

NOTE:  
FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES SEE ALIGNMENTS, TIES AND BENCHMARKS DRAWING NOS. AT-1 TO AT-7



- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
  - (B) PCC SHOULDERS, 10"
  - (C) AGGREGATE SHOULDERS, TYPE B
  - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
  - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
  - (F) NOT USED
  - (G) HMA DRIVEWAY PAVEMENT
  - (H) PCC DRIVEWAY PAVEMENT, 10"
  - (I) STATION OFFSET
- FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)

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

FILE NAME = D:\60C31-SHT-PLAN\03.dgn	USER NAME = TKluegel	DESIGNED - JTF	REVISED -
PLOT SCALE = 1:50	CHECKED - DLT	DRAWN - JTF	REVISED -
PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISIONS	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN**

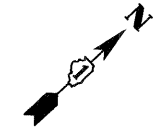
SCALE: 1"=50' SHEET NO. 3 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	55

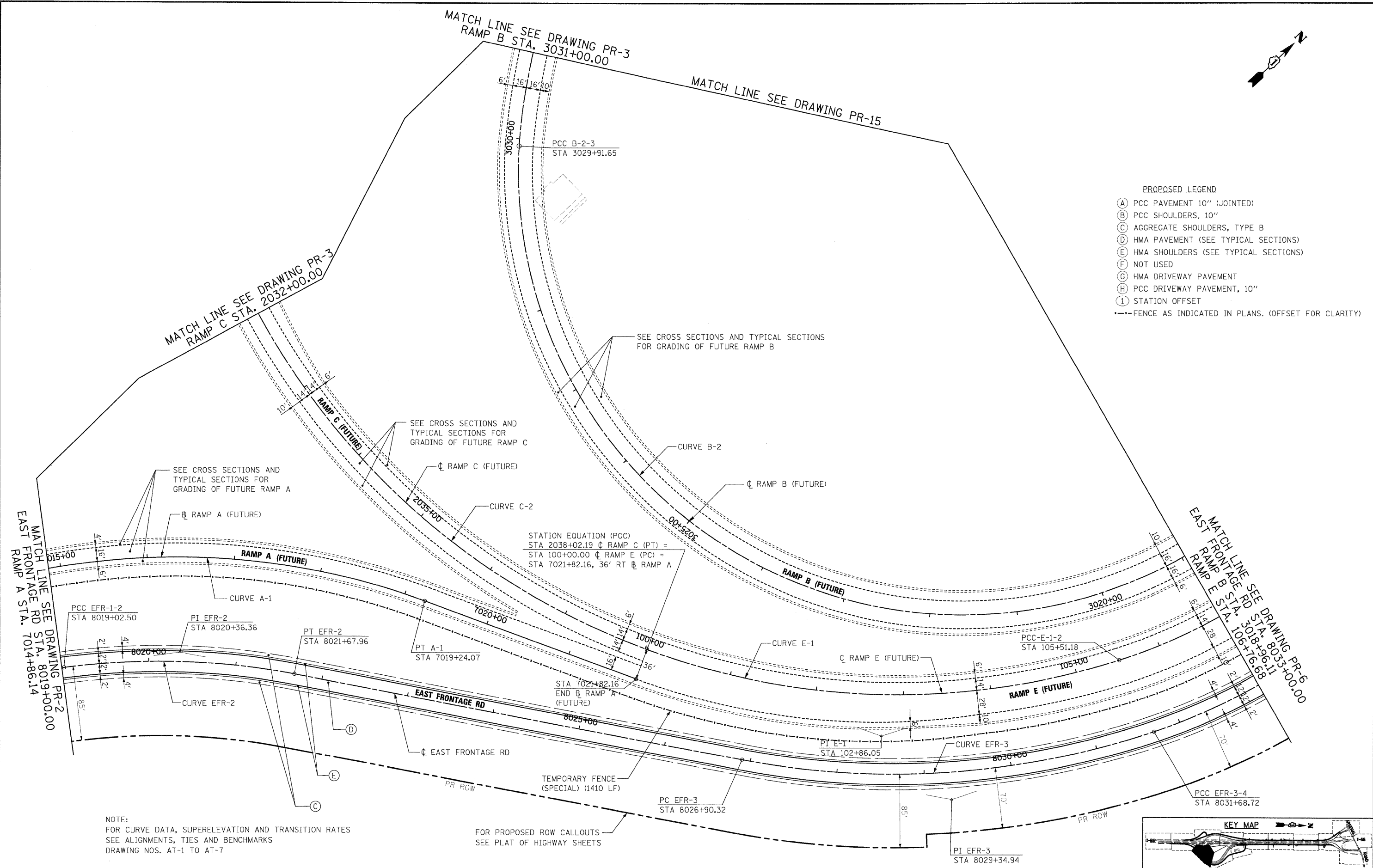
CONTRACT NO. 60C31

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

**FINAL**

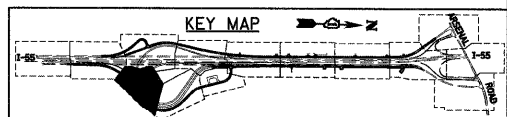


- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
  - (B) PCC SHOULDERS, 10"
  - (C) AGGREGATE SHOULDERS, TYPE B
  - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
  - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
  - (F) NOT USED
  - (G) HMA DRIVEWAY PAVEMENT
  - (H) PCC DRIVEWAY PAVEMENT, 10"
  - (I) STATION OFFSET
  - FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)



**NOTE:**  
 FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES  
 SEE ALIGNMENTS, TIES AND BENCHMARKS  
 DRAWING NOS. AT-1 TO AT-7

FOR PROPOSED ROW CALLOUTS  
 SEE PLAT OF HIGHWAY SHEETS



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 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D160C31-SHT-PLAN04.dgn	USER NAME = TKluegel	DESIGNED - JTF	REVISED -
PLOT SCALE = 1:50	CHECKED - DLT	DRAWN - JTF	REVISED -
PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISIONS	REVISED -

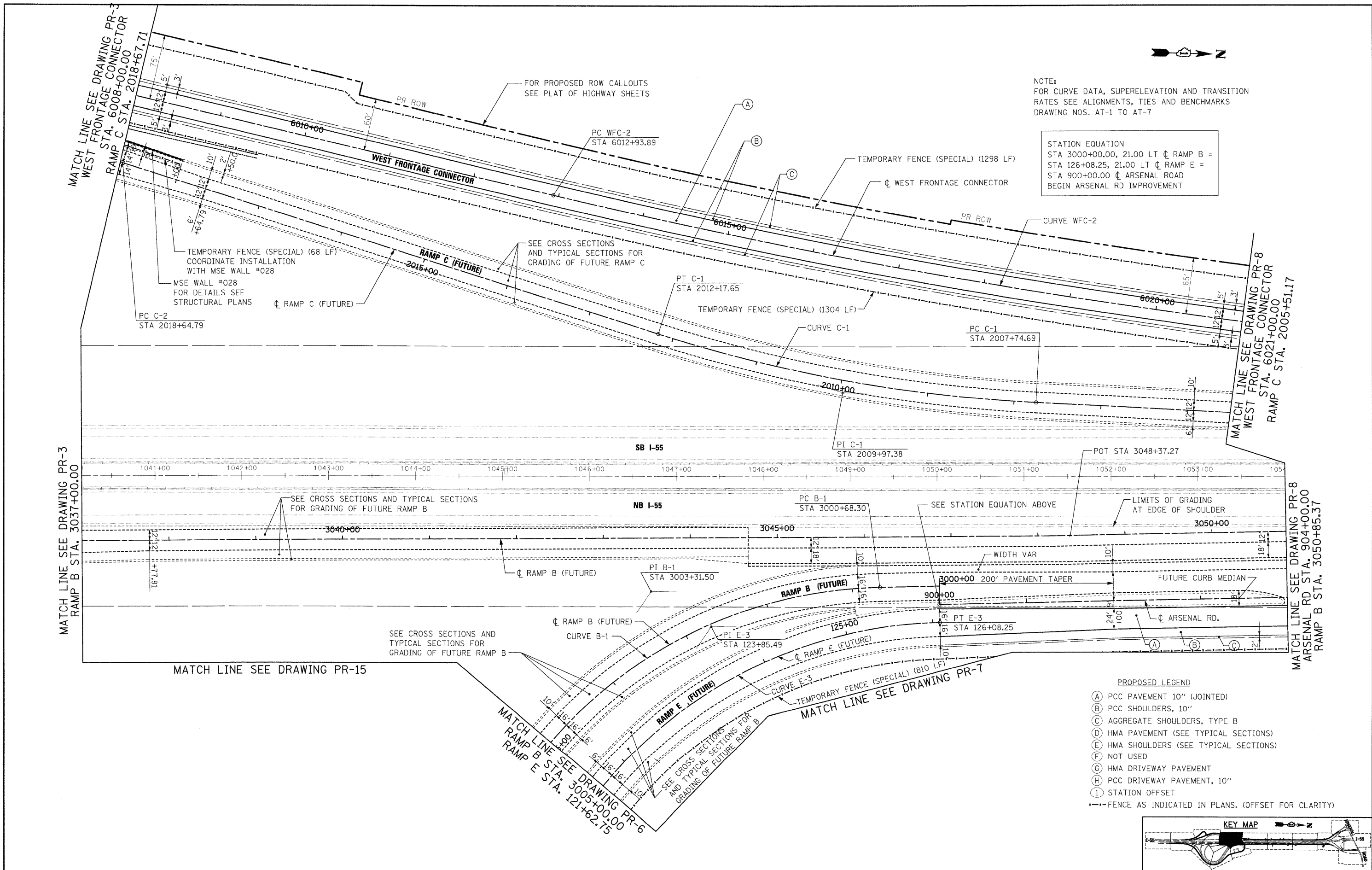
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	56
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

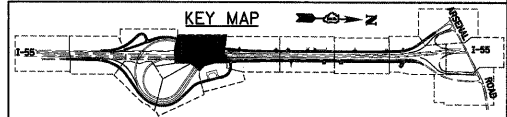




NOTE:  
 FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES SEE ALIGNMENTS, TIES AND BENCHMARKS DRAWING NOS. AT-1 TO AT-7

STATION EQUATION  
 STA 3000+00.00, 21.00 LT @ RAMP B =  
 STA 126+08.25, 21.00 LT @ RAMP E =  
 STA 900+00.00 @ ARSENAL ROAD  
 BEGIN ARSENAL RD IMPROVEMENT

- PROPOSED LEGEND
- (A) PCC PAVEMENT 10" (JOINTED)
  - (B) PCC SHOULDERS, 10"
  - (C) AGGREGATE SHOULDERS, TYPE B
  - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
  - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
  - (F) NOT USED
  - (G) HMA DRIVEWAY PAVEMENT
  - (H) PCC DRIVEWAY PAVEMENT, 10"
  - (I) STATION OFFSET
- FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)



FILE NAME = D160C31-SHT-PLAN05.dgn	USER NAME = TKUeigel	DESIGNED - JTF	REVISD -
PLOT SCALE = 1:500	DATE = 12/11/2009	DRAWN - JTF	REVISD -
PLOT DATE = 12/11/2009		CHECKED - DLT	REVISD -
		DATE - 12/18/09	REVISD -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

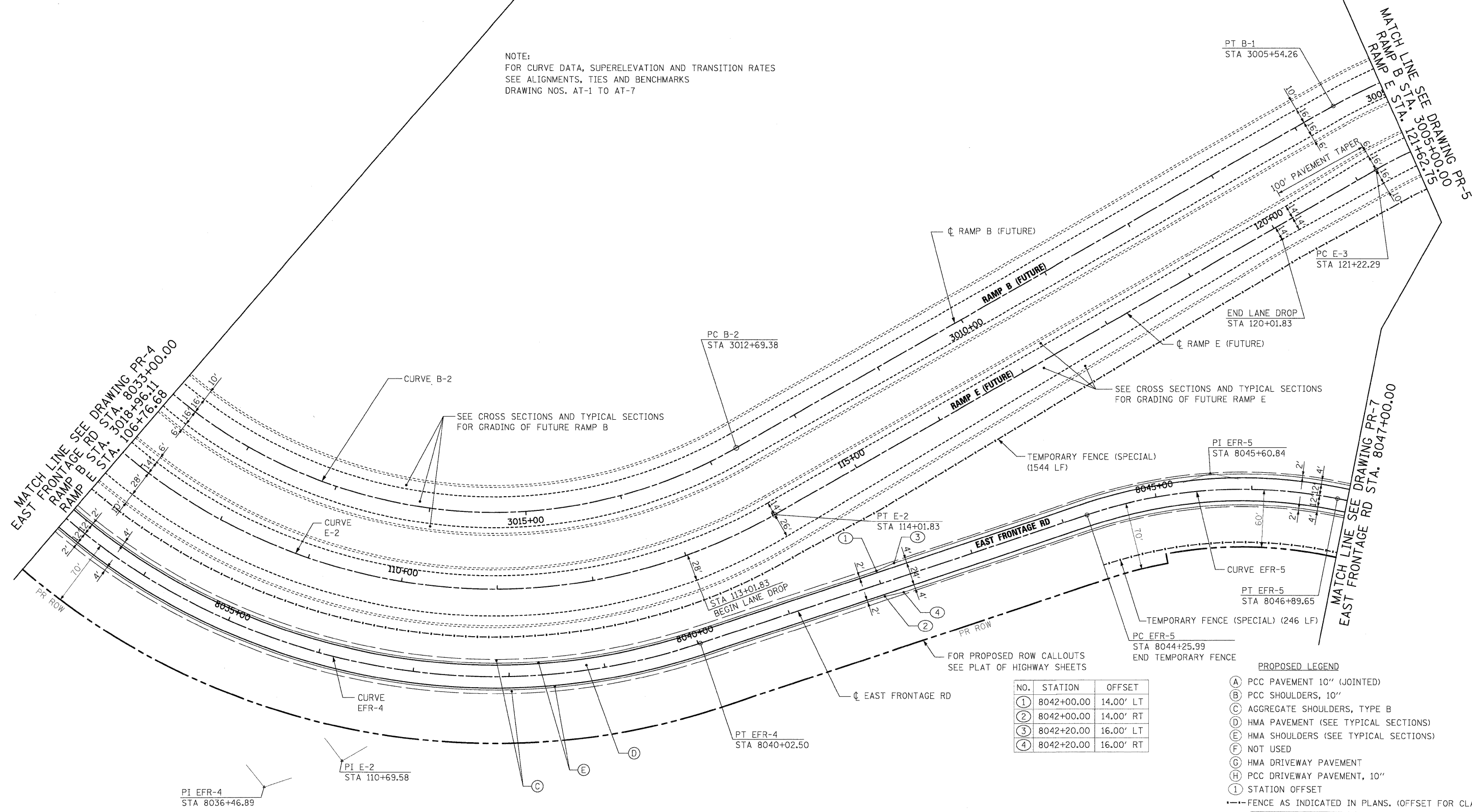
PROPOSED PLAN

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

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 57
CONTRACT NO. 60C31			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

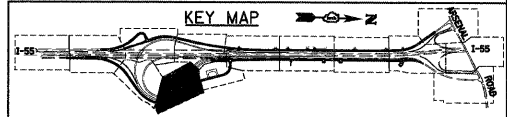
MATCH LINE SEE DRAWING PR-15

NOTE:  
FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES  
SEE ALIGNMENTS, TIES AND BENCHMARKS  
DRAWING NOS. AT-1 TO AT-7



NO.	STATION	OFFSET
①	8042+00.00	14.00' LT
②	8042+00.00	14.00' RT
③	8042+20.00	16.00' LT
④	8042+20.00	16.00' RT

- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
  - (B) PCC SHOULDERS, 10"
  - (C) AGGREGATE SHOULDERS, TYPE B
  - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
  - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
  - (F) NOT USED
  - (G) HMA DRIVEWAY PAVEMENT
  - (H) PCC DRIVEWAY PAVEMENT, 10"
  - ① STATION OFFSET
- FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)



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 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = 0160C31-SHT-PLAN06.dgn	USER NAME = TKluegel	DESIGNED - JTF	REVISED -
PLOT SCALE = 1:50	CHECKED - DLT	DRAWN - JTF	REVISED -
PLOT DATE = 12/11/2009	DATE - 12/18/09		

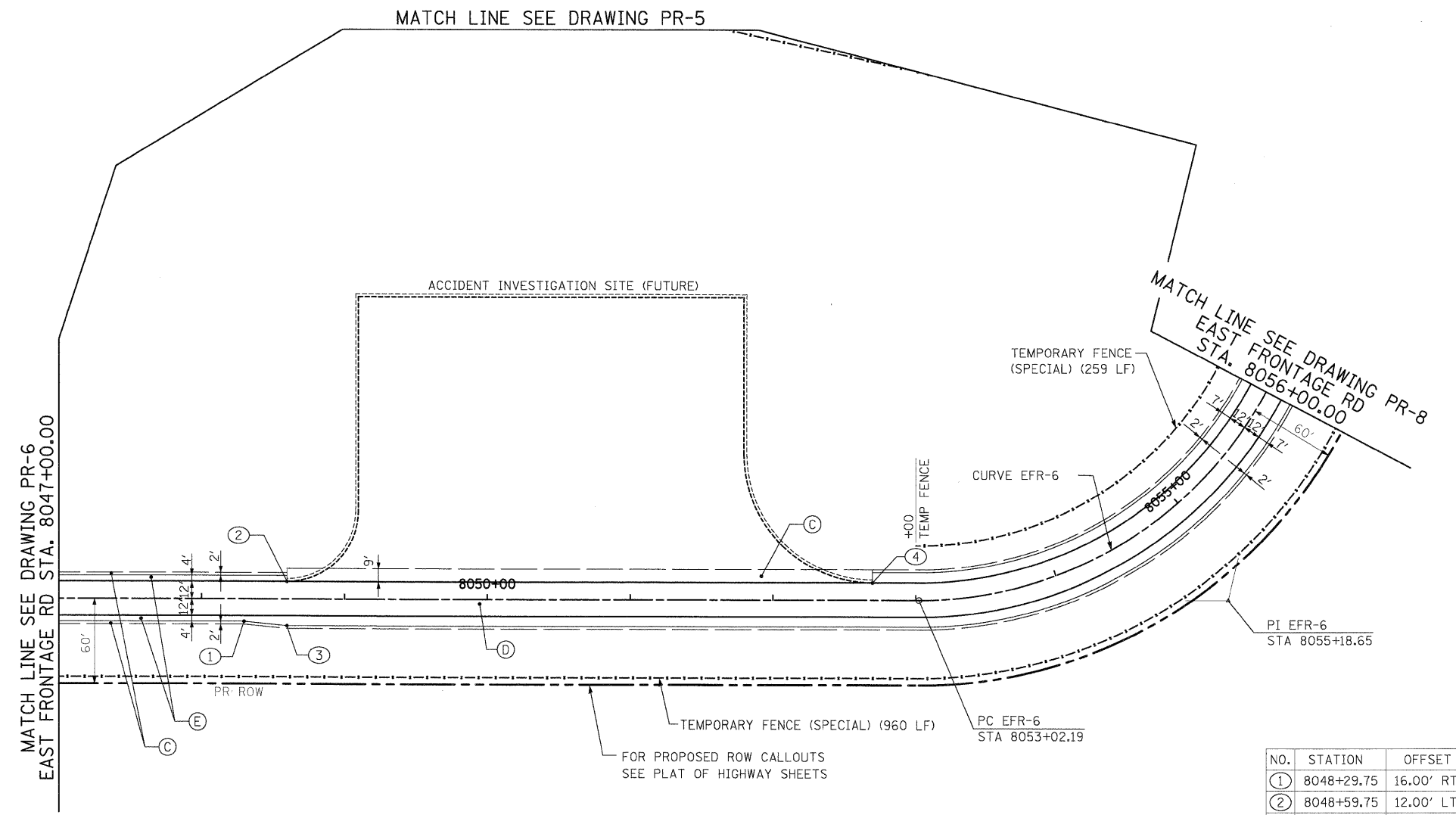
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN**

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

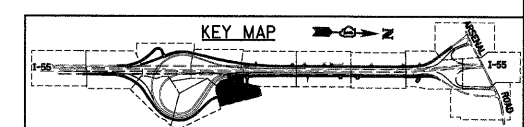
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	58
CONTRACT NO. 60C31			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

- PROPOSED LEGEND
- (A) PCC PAVEMENT 10" (JOINTED)
  - (B) PCC SHOULDERS, 10"
  - (C) AGGREGATE SHOULDERS, TYPE B
  - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
  - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
  - (F) NOT USED
  - (G) HMA DRIVEWAY PAVEMENT
  - (H) PCC DRIVEWAY PAVEMENT, 10"
  - (I) STATION OFFSET
- FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)



NO.	STATION	OFFSET
①	8048+29.75	16.00' RT
②	8048+59.75	12.00' LT
③	8048+59.75	19.00' RT
④	8052+69.75	12.00' LT

NOTE:  
 FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES  
 SEE ALIGNMENTS, TIES AND BENCHMARKS  
 DRAWING NOS. AT-1 TO AT-7



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FILE NAME = D:\62C31-SHT-PLAN\07.dgn	USER NAME = Tkluegel	DESIGNED - JTF	REVISED -
PLOT SCALE = 1:50	CHECKED - DLT	DRAWN - JTF	REVISED -
PLOT DATE = 12/17/2009	DATE - 12/18/09		REVISED -

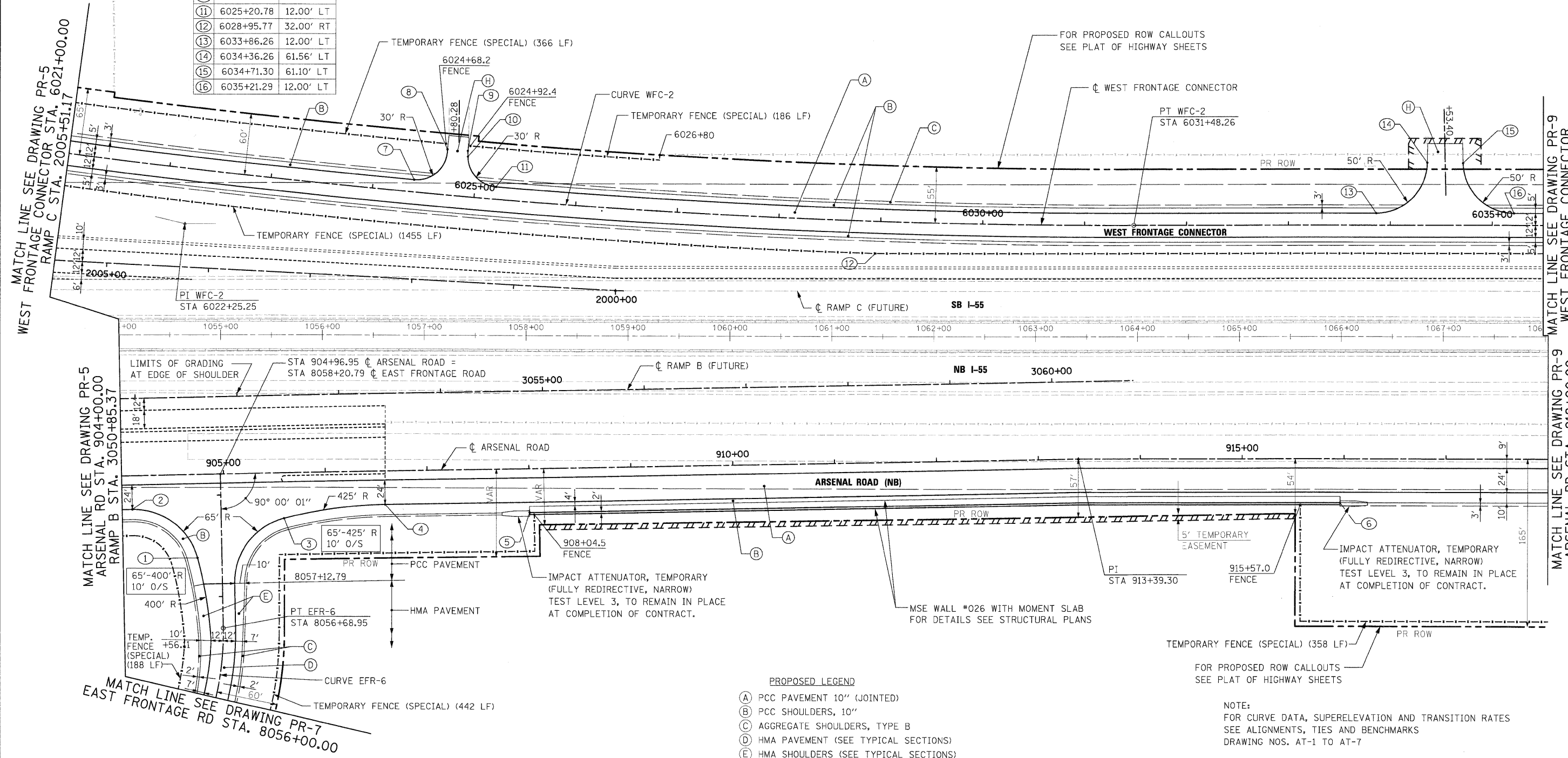
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN**

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

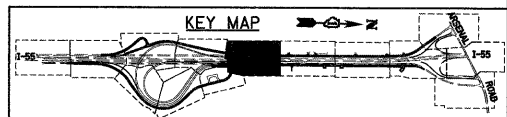
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	59
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

NO.	STATION	OFFSET
①	8057+38.55	23.94' LT
②	904+09.95	33.00' RT
③	905+58.74	44.81' RT
④	906+58.21	33.00' RT
⑤	908+00.00	43.00' RT
⑥	915+96.06	43.00' RT
⑦	6024+40.02	12.00' LT
⑧	6024+70.05	44.81' LT
⑨	6024+90.23	45.00' LT
⑩	6024+90.74	39.38' LT
⑪	6025+20.78	12.00' LT
⑫	6028+95.77	32.00' RT
⑬	6033+86.26	12.00' LT
⑭	6034+36.26	61.56' LT
⑮	6034+71.30	61.10' LT
⑯	6035+21.29	12.00' LT



- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
  - (B) PCC SHOULDERS, 10"
  - (C) AGGREGATE SHOULDERS, TYPE B
  - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
  - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
  - (F) NOT USED
  - (G) HMA DRIVEWAY PAVEMENT
  - (H) PCC DRIVEWAY PAVEMENT, 10"
  - (I) STATION OFFSET
- FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)

**NOTE:**  
 FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES  
 SEE ALIGNMENTS, TIES AND BENCHMARKS  
 DRAWING NOS. AT-1 TO AT-7



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 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D160C31-SHT-PLAN08.dgn	USER NAME = Tkluegel	DESIGNED - JTF	REVISED -
PLOT SCALE = 1:50	CHECKED - DLT	DRAWN - JTF	REVISED -
PLOT DATE = 12/11/2009	DATE - 12/18/09	CHECKED - DLT	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

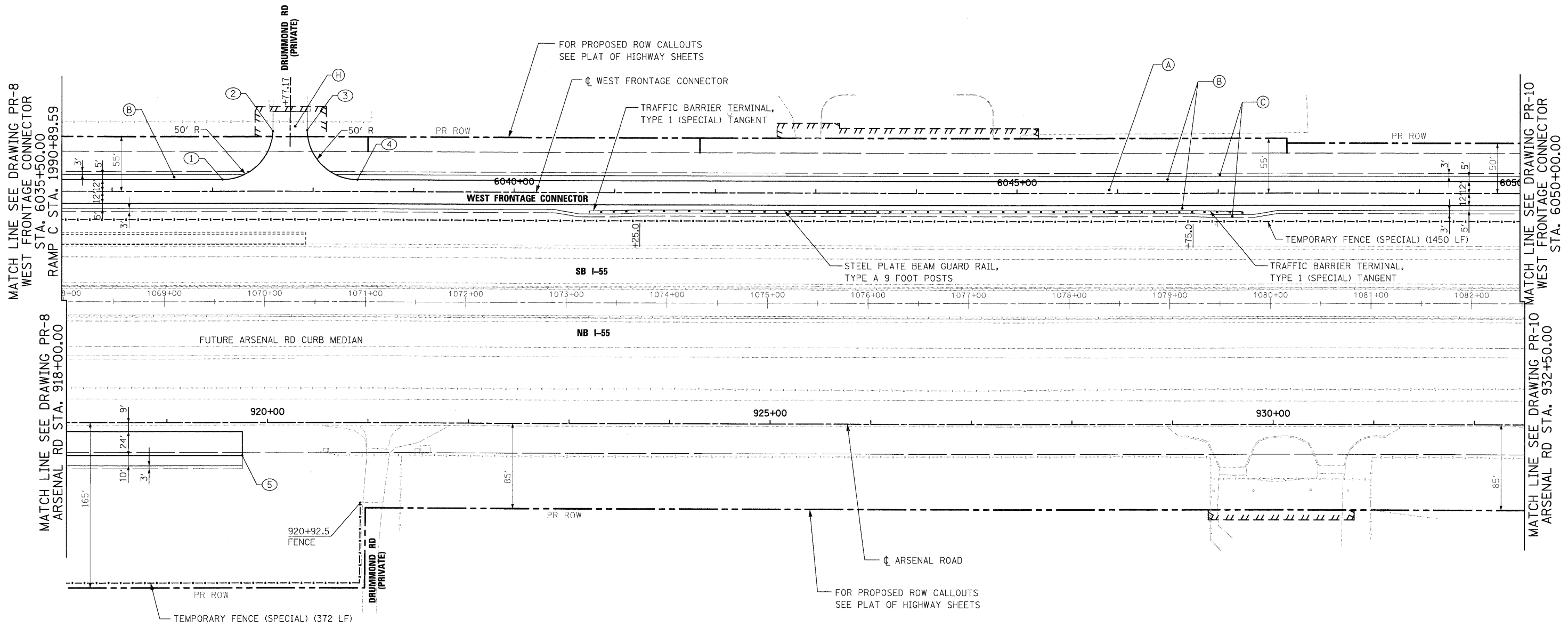
**PROPOSED PLAN**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	60
CONTRACT NO. 60C31				

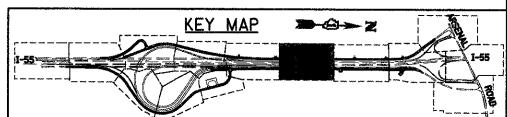
**FINAL**

NO.	STATION	OFFSET
①	6037+10.01	12.00' LT
②	6037+59.99	60.57' LT
③	6037+94.05	61.54' LT
④	6038+44.05	12.00' LT
⑤	919+75.00	33.00' RT



- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
  - (B) PCC SHOULDERS, 10"
  - (C) AGGREGATE SHOULDERS, TYPE B
  - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
  - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
  - (F) NOT USED
  - (G) HMA DRIVEWAY PAVEMENT
  - (H) PCC DRIVEWAY PAVEMENT, 10"
  - ① STATION OFFSET
  - FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)

**NOTE:**  
 FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES  
 SEE ALIGNMENTS, TIES AND BENCHMARKS  
 DRAWING NOS. AT-1 TO AT-7



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 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\60C31-SHT-PLAN\09.dgn	USER NAME = TKluegel	DESIGNED - JTF	REVISED -
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		DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

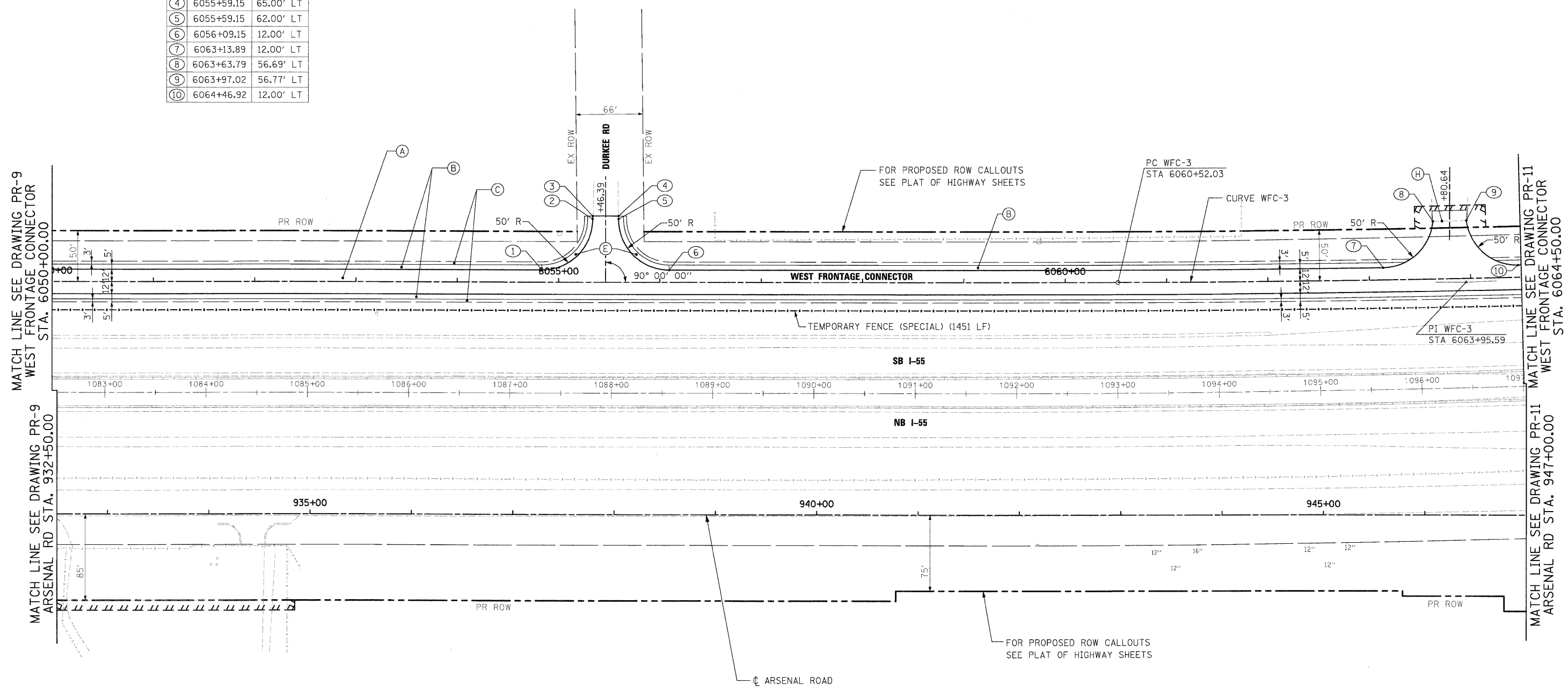
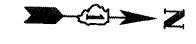
**PROPOSED PLAN**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	61
CONTRACT NO. 60C31				

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

NO.	STATION	OFFSET
①	6054+83.64	12.00' LT
②	6055+33.64	62.00' LT
③	6055+33.64	65.00' LT
④	6055+59.15	65.00' LT
⑤	6055+59.15	62.00' LT
⑥	6056+09.15	12.00' LT
⑦	6063+13.89	12.00' LT
⑧	6063+63.79	56.69' LT
⑨	6063+97.02	56.77' LT
⑩	6064+46.92	12.00' LT



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

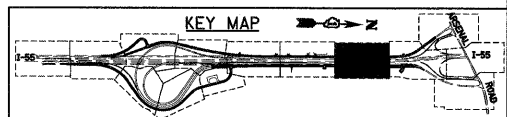
MATCH LINE SEE DRAWING PR-9 ARSENAL RD STA. 932+50.00

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

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

- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
  - (B) PCC SHOULDERS, 10"
  - (C) AGGREGATE SHOULDERS, TYPE B
  - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
  - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
  - (F) NOT USED
  - (G) HMA DRIVEWAY PAVEMENT
  - (H) PCC DRIVEWAY PAVEMENT, 10"
  - (I) STATION OFFSET
- FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)

**NOTE:**  
FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES  
SEE ALIGNMENTS, TIES AND BENCHMARKS  
DRAWING NOS. AT-1 TO AT-7



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130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D168C31-SHT-PLAN18.dgn	USER NAME = TKluegel	DESIGNED - JTF	REVISED -
		DRAWN - JTF	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	62
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60C31	

NO.	STATION	OFFSET
①	6067+75.96	12.00' LT
②	6068+07.54	43.04' LT
③	6068+07.42	50.19' LT
④	6068+34.47	50.19' LT
⑤	6068+34.34	43.04' LT
⑥	6068+65.93	11.99' LT

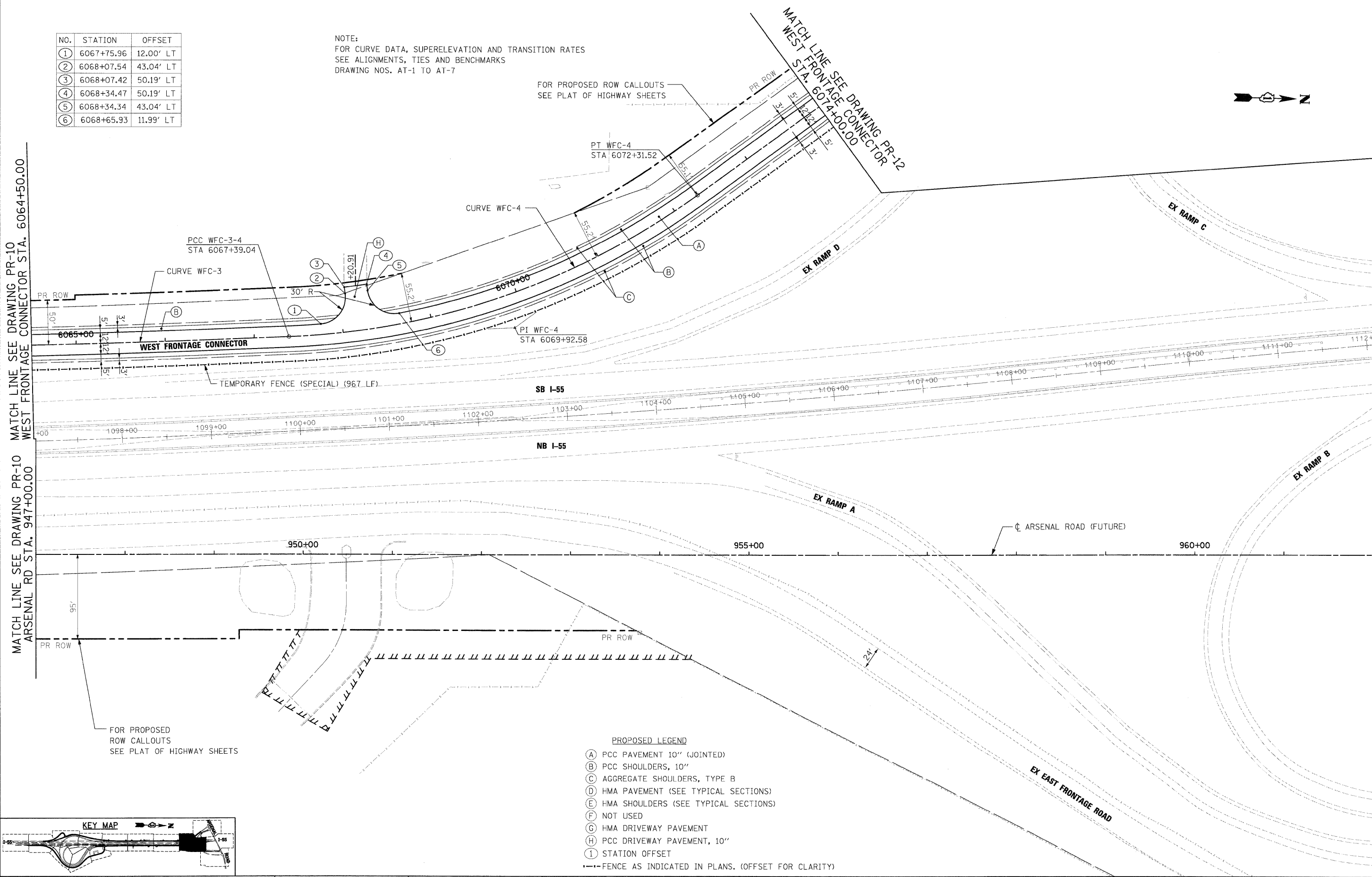
NOTE:  
FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES  
SEE ALIGNMENTS, TIES AND BENCHMARKS  
DRAWING NOS. AT-1 TO AT-7

FOR PROPOSED ROW CALLOUTS  
SEE PLAT OF HIGHWAY SHEETS



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

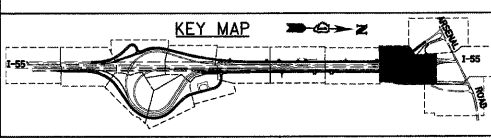
MATCH LINE SEE DRAWING PR-13 ARSENAL RD STA. 962+00.00



FOR PROPOSED ROW CALLOUTS  
SEE PLAT OF HIGHWAY SHEETS

- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
  - (B) PCC SHOULDERS, 10"
  - (C) AGGREGATE SHOULDERS, TYPE B
  - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
  - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
  - (F) NOT USED
  - (G) HMA DRIVEWAY PAVEMENT
  - (H) PCC DRIVEWAY PAVEMENT, 10"
  - (I) STATION OFFSET
  - FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)

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 130 East Randolph Street Chicago, Illinois 60601



FILE NAME = D:\60C31-SHT-PLAN1.dgn

USER NAME = TKIuegl  
 PLOT SCALE = 1:50  
 PLOT DATE = 12/14/2009

DESIGNED - JTF  
 DRAWN - JTF  
 CHECKED - DLT  
 DATE - 12/18/09

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

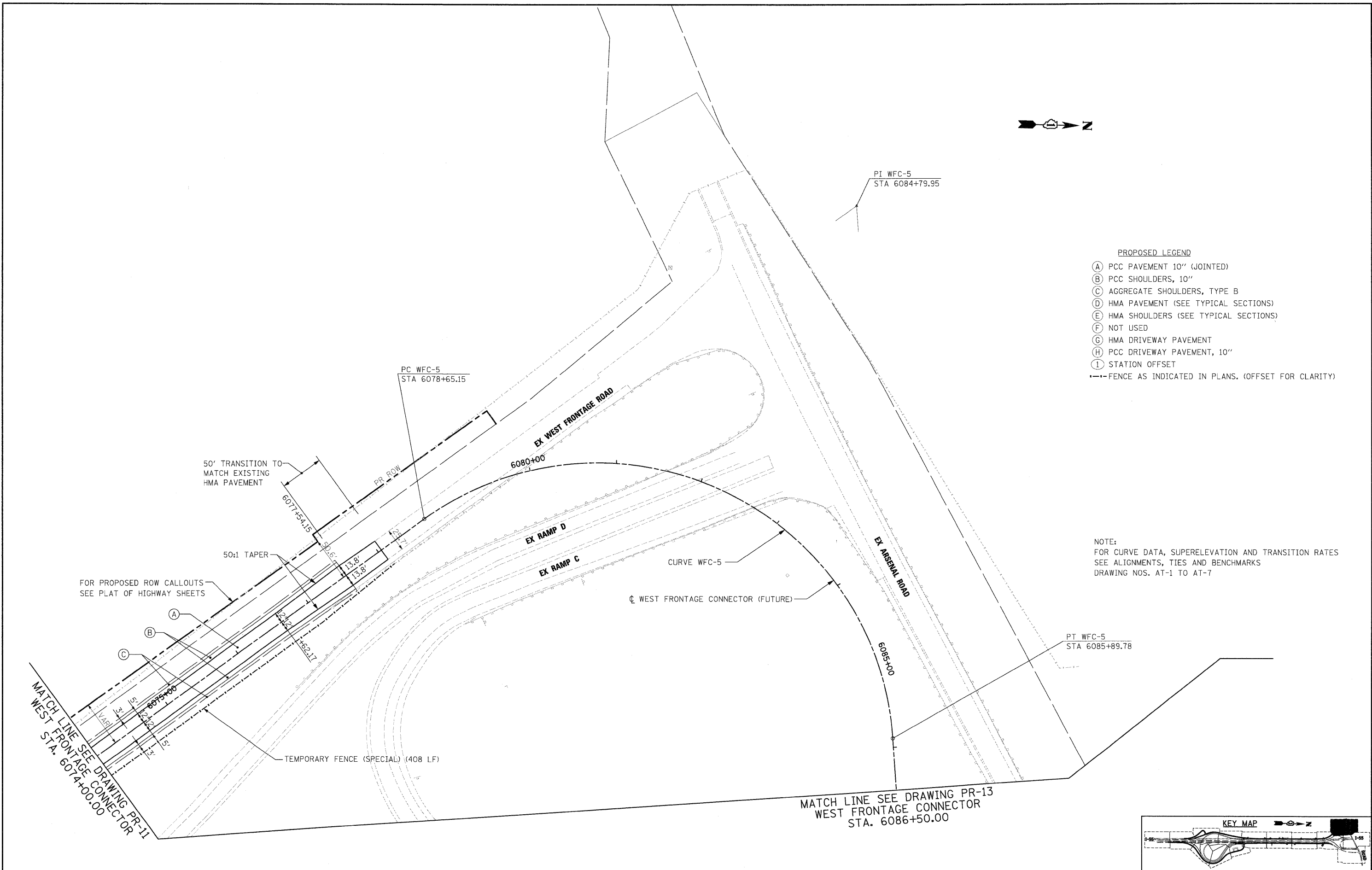
**PROPOSED PLAN**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	63
CONTRACT NO. 60C31				

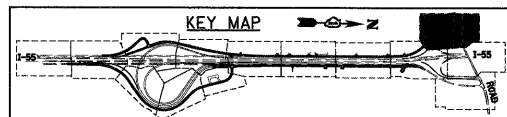
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT





- PROPOSED LEGEND**
- (A) PCC PAVEMENT 10" (JOINTED)
  - (B) PCC SHOULDERS, 10"
  - (C) AGGREGATE SHOULDERS, TYPE B
  - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
  - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
  - (F) NOT USED
  - (G) HMA DRIVEWAY PAVEMENT
  - (H) PCC DRIVEWAY PAVEMENT, 10"
  - (I) STATION OFFSET
- FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)

**NOTE:**  
 FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES  
 SEE ALIGNMENTS, TIES AND BENCHMARKS  
 DRAWING NOS. AT-1 TO AT-7



FILE NAME = D:\62031-SHT-PLAN12.dgn	USER NAME = TKluage1	DESIGNED - JTF	REVISED -
PLOT SCALE = 1:50	CHECKED - DLT	DATE - 12/18/09	REVISED -
PLOT DATE = 12/11/2009			

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN**

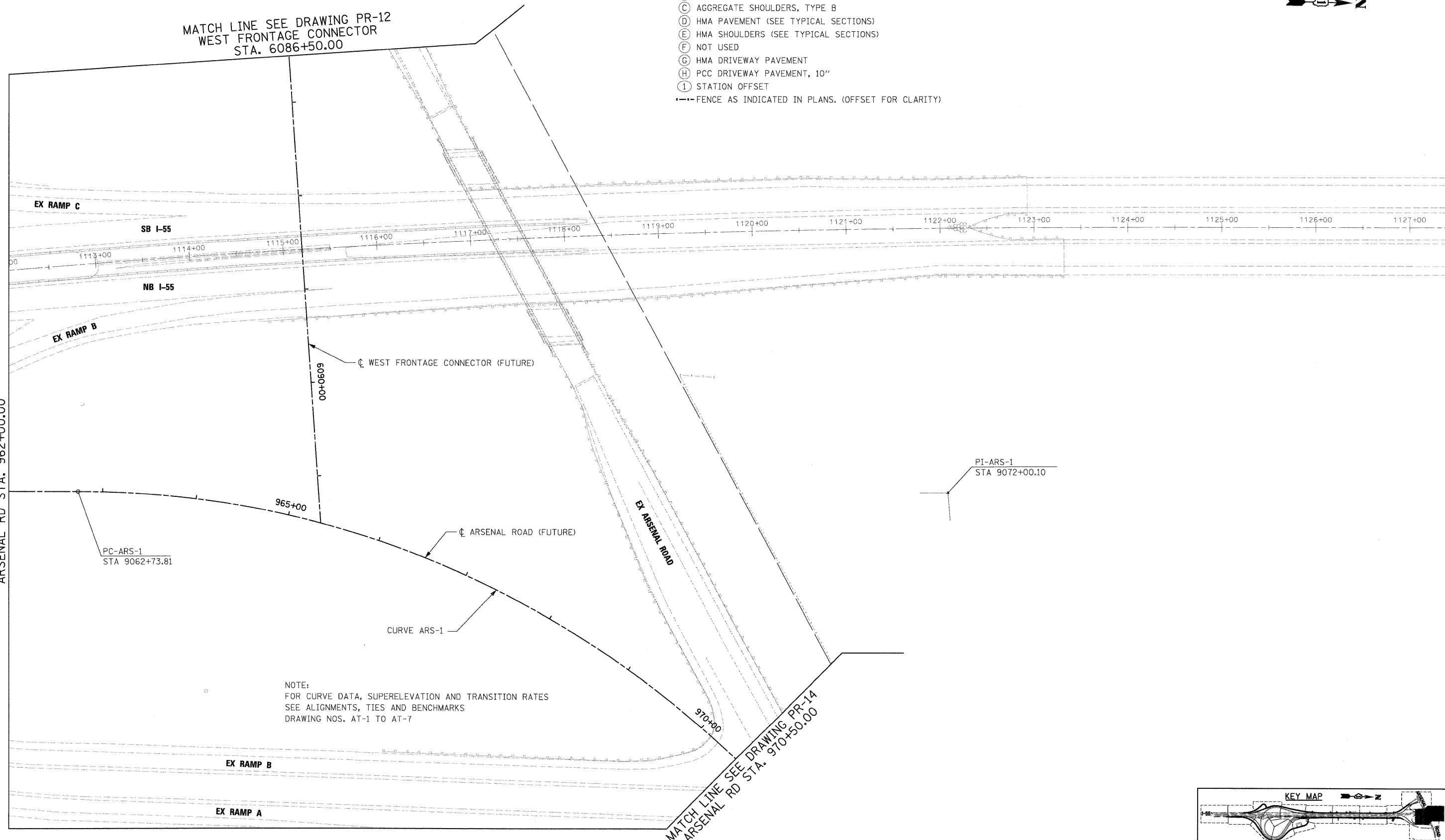
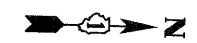
SCALE: 1"=50' SHEET NO. 12 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	64
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

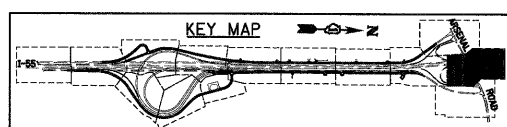
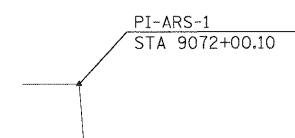
MATCH LINE SEE DRAWING PR-11  
 ARSENAL RD STA. 962+00.00

MATCH LINE SEE DRAWING PR-12  
 WEST FRONTAGE CONNECTOR  
 STA. 6086+50.00

- PROPOSED LEGEND
- (A) PCC PAVEMENT 10" (JOINTED)
  - (B) PCC SHOULDERS, 10"
  - (C) AGGREGATE SHOULDERS, TYPE B
  - (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
  - (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
  - (F) NOT USED
  - (G) HMA DRIVEWAY PAVEMENT
  - (H) PCC DRIVEWAY PAVEMENT, 10"
  - (I) STATION OFFSET
  - FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)



NOTE:  
 FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES  
 SEE ALIGNMENTS, TIES AND BENCHMARKS  
 DRAWING NOS. AT-1 TO AT-7



FILE NAME =	USER NAME = TKluegl
D162031-SHT-PLAN13.dgn	
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PLOT DATE = 12/11/2009	

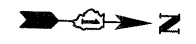
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DRAWN - JTF	REVISED -
CHECKED - DLT	REVISED -
DATE - 12/18/09	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	65
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



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

EX RAMP A

EX EAST FRONTAGE ROAD

515+00

EX ARSENAL ROAD

PRC ARS-1-2  
STA 9077+68.12

CL ARSENAL ROAD (FUTURE)

CURVE ARS-2

PI-ARS-2  
STA 9078+07.29

PRC ARS-2-3  
STA 9078+46.44

CURVE ARS-3

00+086

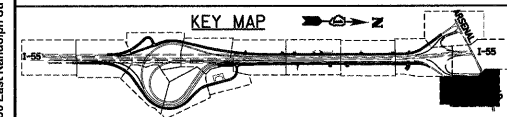
PROPOSED LEGEND

- (A) PCC PAVEMENT 10" (JOINTED)
- (B) PCC SHOULDERS, 10"
- (C) AGGREGATE SHOULDERS, TYPE B
- (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
- (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
- (F) NOT USED
- (G) HMA DRIVEWAY PAVEMENT
- (H) PCC DRIVEWAY PAVEMENT, 10"
- (I) STATION OFFSET

--- FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)

NOTE:  
FOR CURVE DATA, SUPERELEVATION AND TRANSITION RATES  
SEE ALIGNMENTS, TIES AND BENCHMARKS  
DRAWING NOS. AT-1 TO AT-7

KEY MAP



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

FILE NAME = D162C31-SHT-PLAN14.dgn	USER NAME = TKluegel	DESIGNED - JTF	REVISED -
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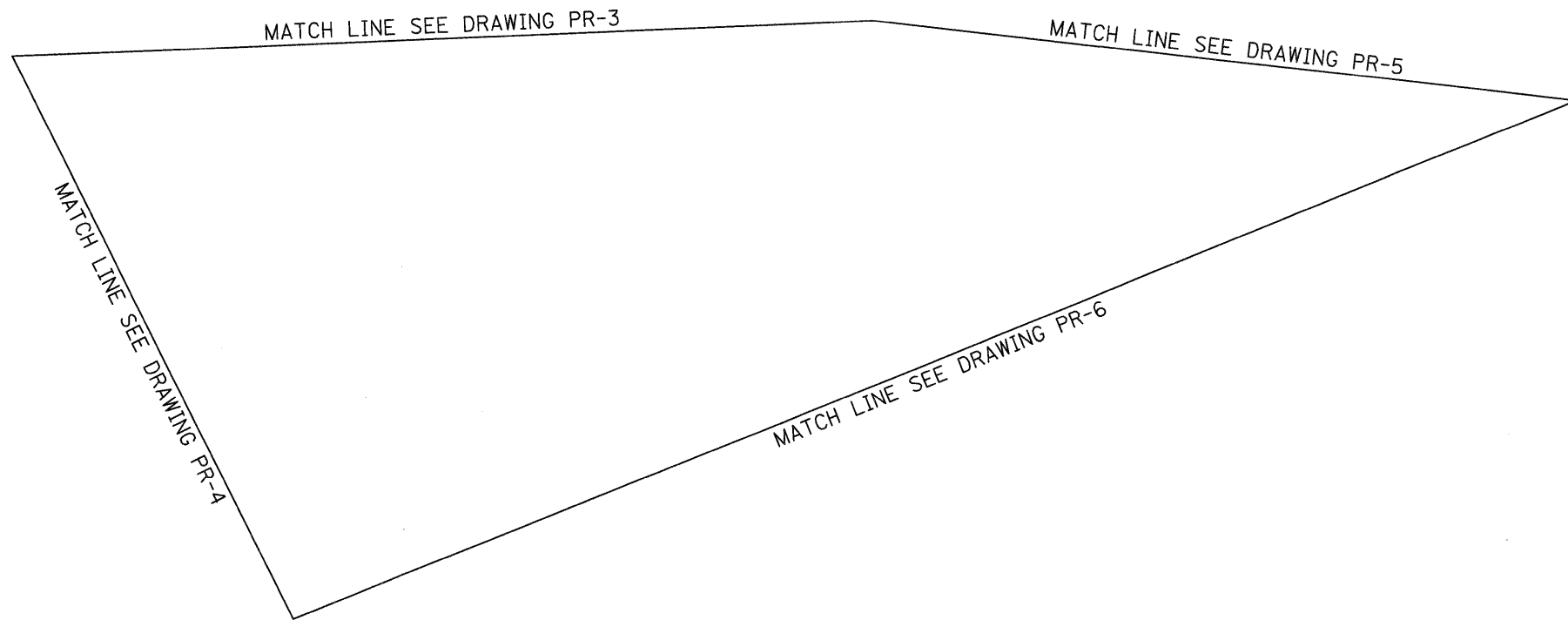
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

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

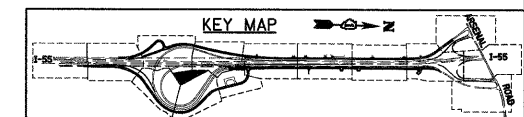
F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 66
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



PROPOSED LEGEND

- (A) PCC PAVEMENT 10" (JOINTED)
- (B) PCC SHOULDERS, 10"
- (C) AGGREGATE SHOULDERS, TYPE B
- (D) HMA PAVEMENT (SEE TYPICAL SECTIONS)
- (E) HMA SHOULDERS (SEE TYPICAL SECTIONS)
- (F) NOT USED
- (G) HMA DRIVEWAY PAVEMENT
- (H) PCC DRIVEWAY PAVEMENT, 10"
- (I) STATION OFFSET
- FENCE AS INDICATED IN PLANS. (OFFSET FOR CLARITY)



FILE NAME = D160C31-SHT-PLAN15.dgn	USER NAME = TKluegel	DESIGNED - JTF	REVISED -
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	PLOT DATE = 12/11/2009	DATE - 12/18/09	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	(99-1&2)AC-3	WILL	524	67
CONTRACT NO. 60C31				

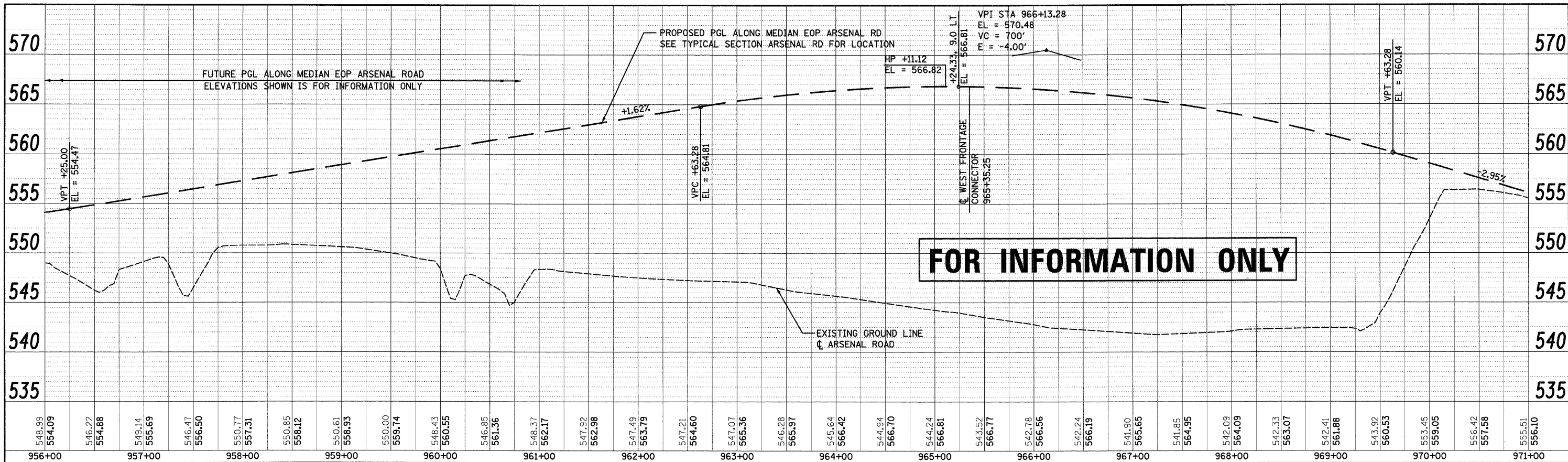
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



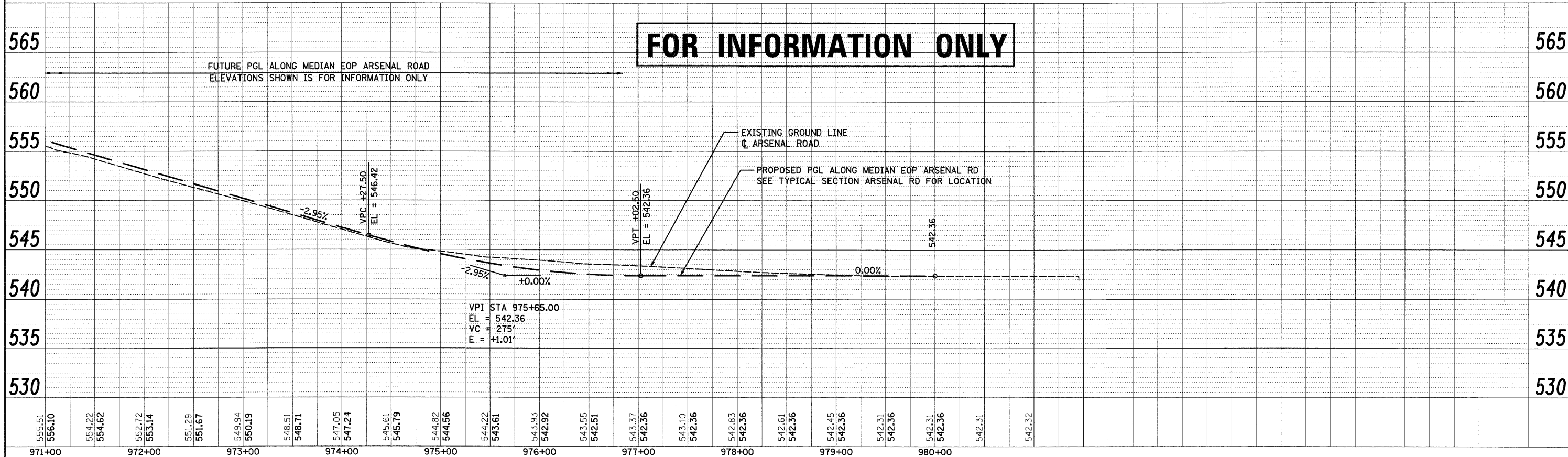




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	PLOTTED		
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	PROFILES CHECKED		
	CONTRACT NO.		
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	FILE NAME		



PROFILE	DESIGNED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
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	CONTRACT NO.		
	PROJECT NAME		
	FILE NAME		



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FILE NAME = D:\6031-SHT-PROFILE\3.dgn  
USER NAME = TKluegel

DESIGNED - MJT  
DRAWN - MJT  
CHECKED - DLT  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

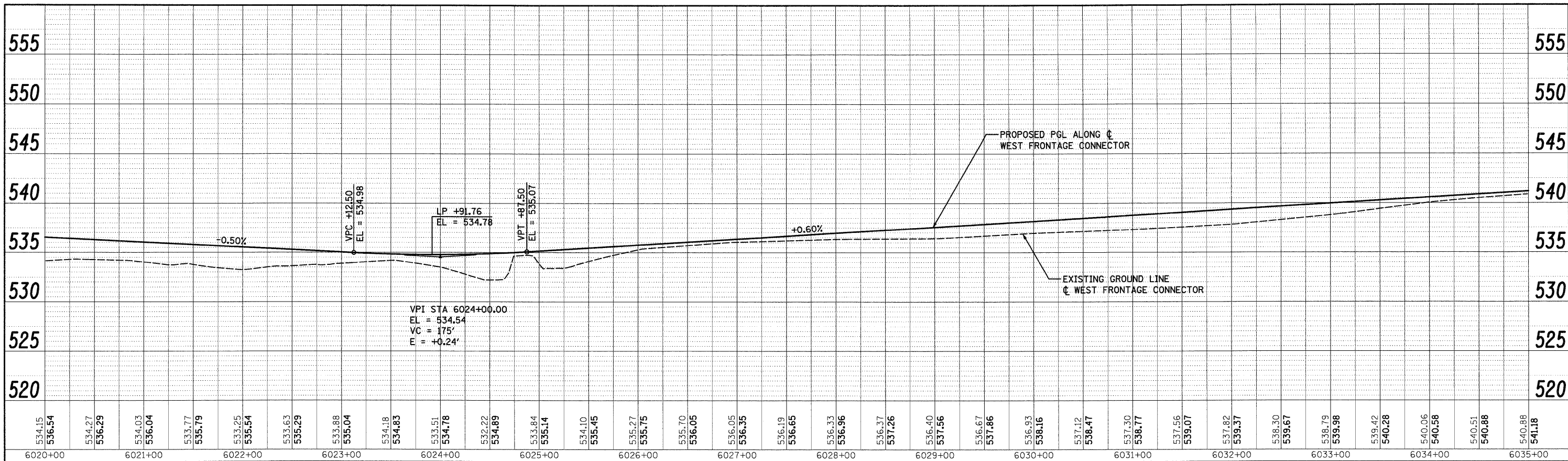
ARSENAL ROAD PROFILE  
SCALE: 1"=50' H=1"=5' V SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	70
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 60C31

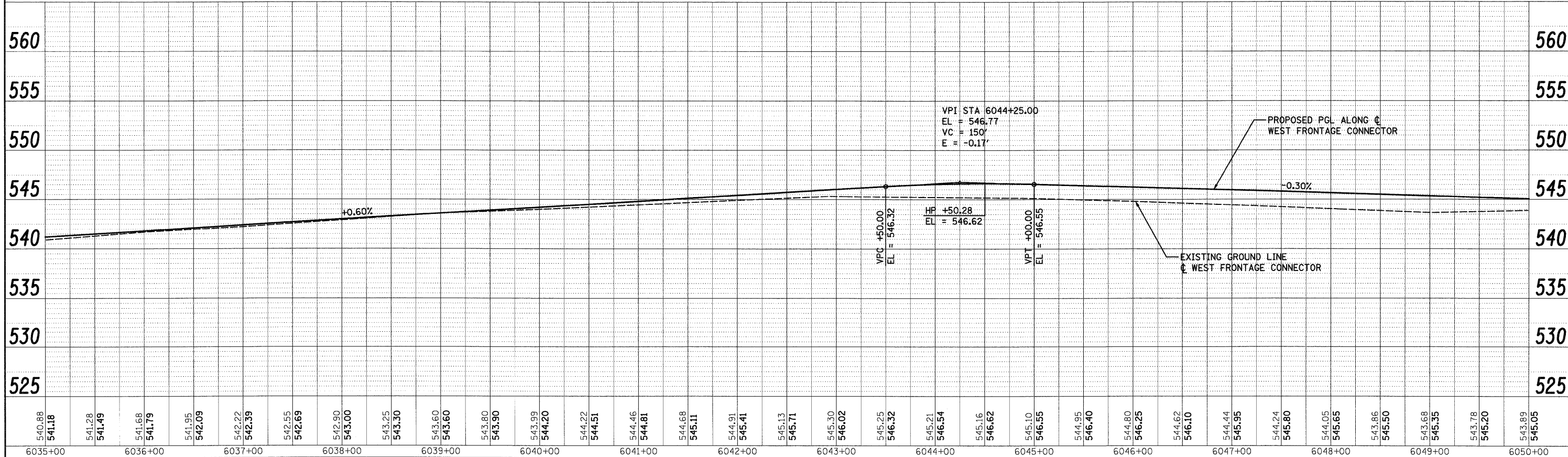




PLAN	DESIGNED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	STATUS DATE		
	FILE NAME		



PROFILE	DESIGNED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	STATUS DATE		
	FILE NAME		



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PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	SCALED"=50'H=1"=5'V SHEET NO. 2 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 60C31		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			
PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISED -									

FINAL





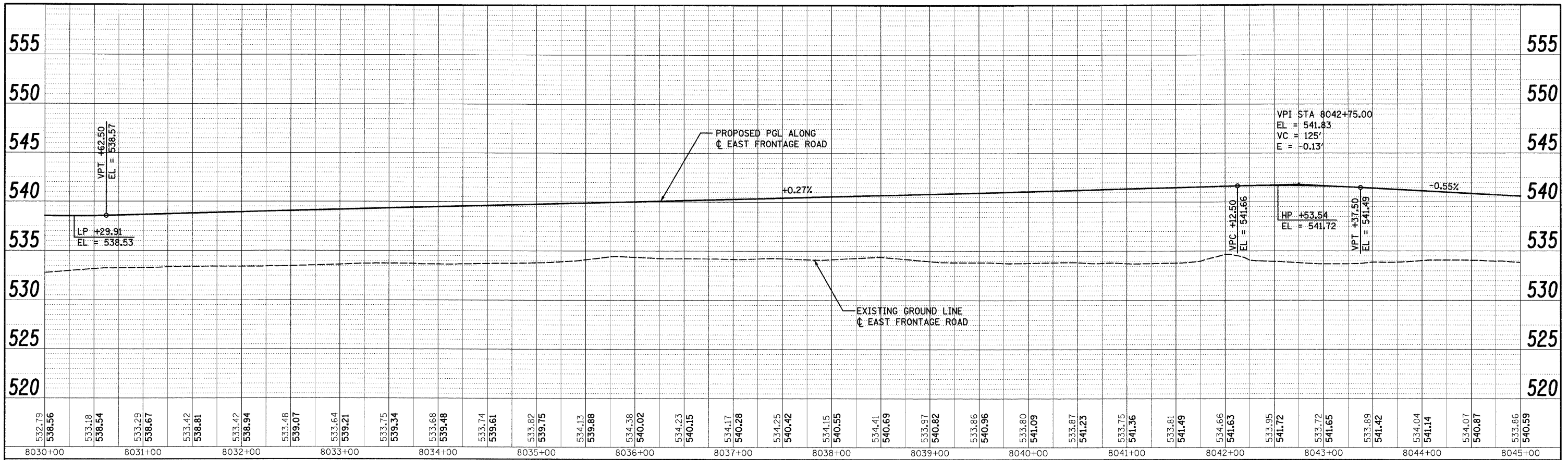




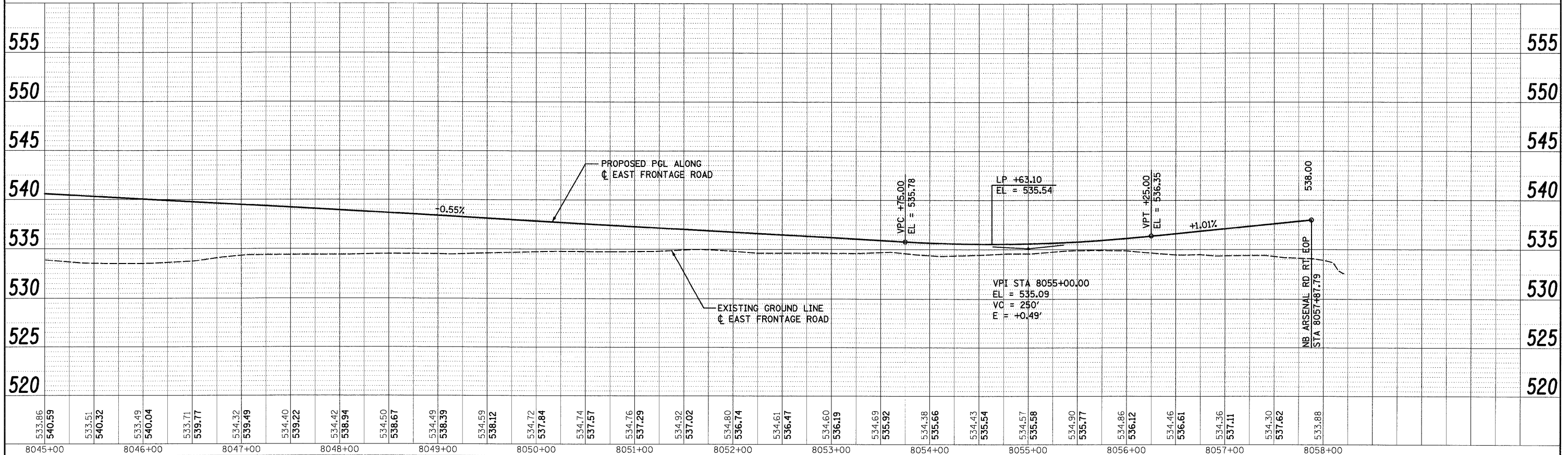




PLAN	REVISIONS	BY	DATE
NOTE BOOK	ALIGNED CHECKED		
NO.	DATE FILE NAME		



PROFILE	GRADES CHECKED	BY	DATE
NOTE BOOK	STRUCTURES NOTED		
NO.	DATE FILE NAME		



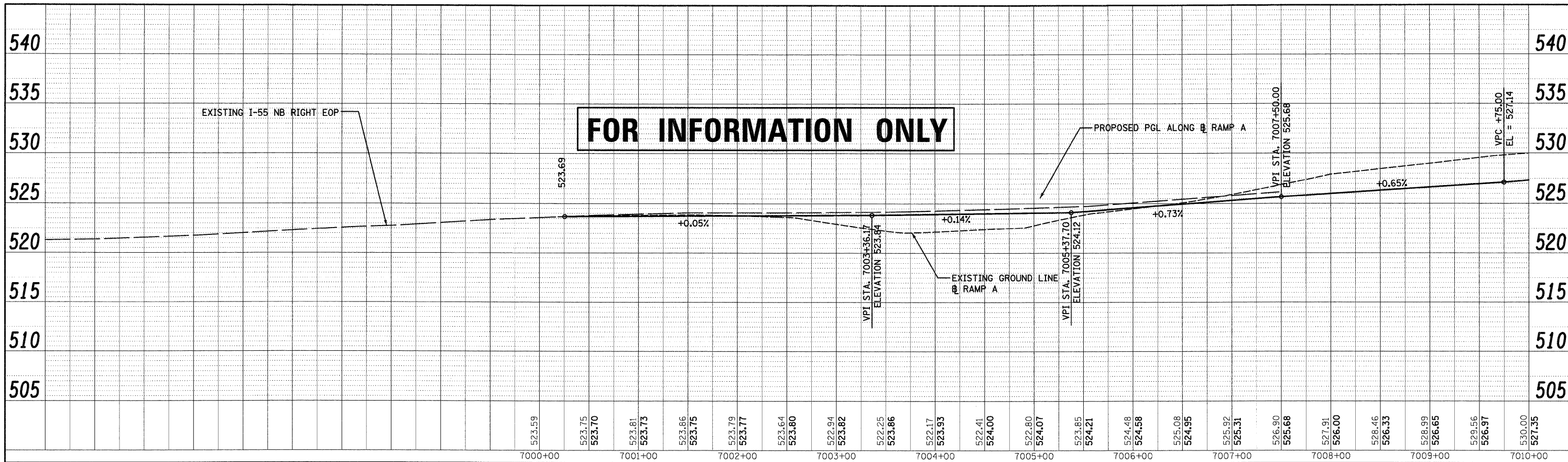
McDonough Associates Inc.  
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PLOT DATE = 12/11/2009	DATE = 12/18/09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
SCALE: 1"=50' H; 1"=5' V		SHEET NO. 2 OF 2 SHEETS				STA. TO STA.				

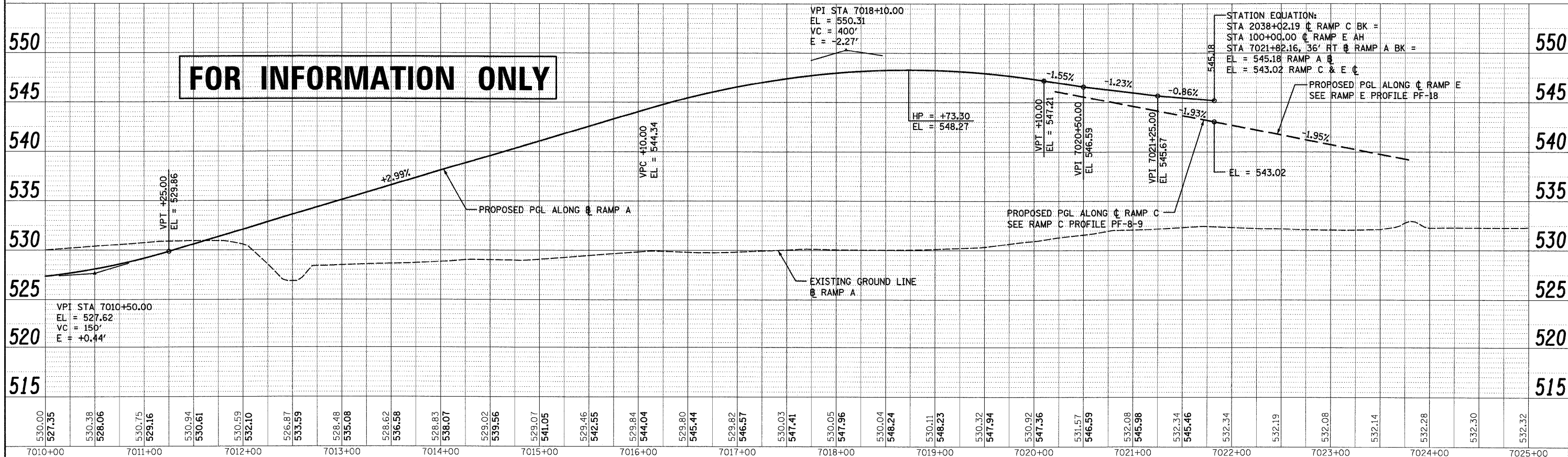
FINAL



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NO.	NO.		
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PROFILE	REVISIONS	BY	DATE
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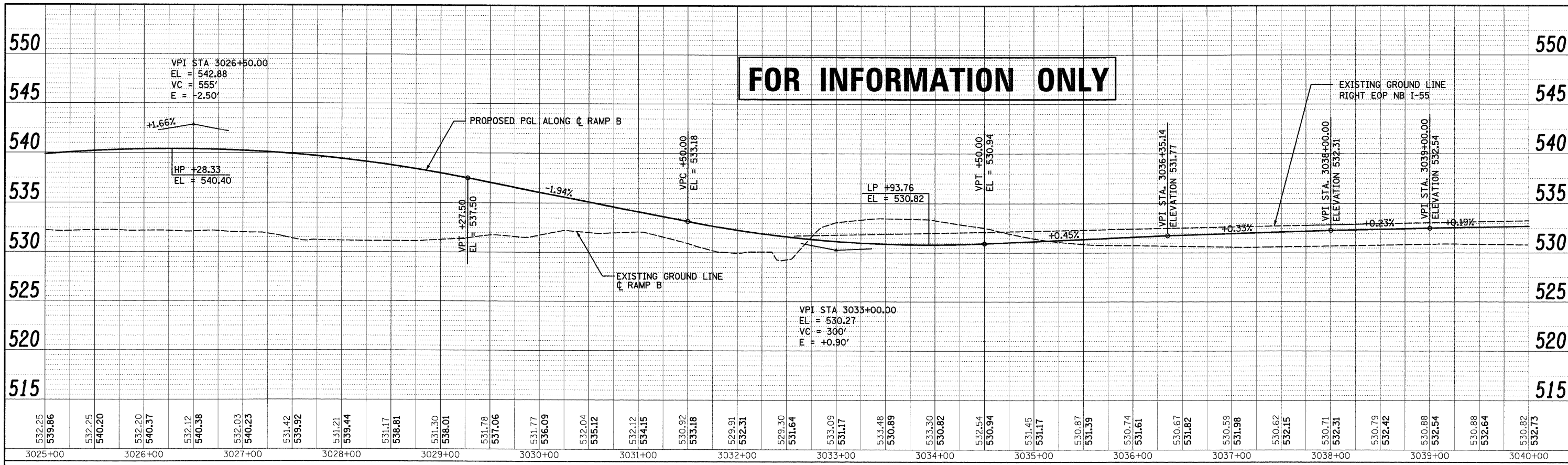
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PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
						SCALE: 1"=50'H 1"=5'V SHEET NO. 1 OF 1 SHEETS STA. TO STA.				

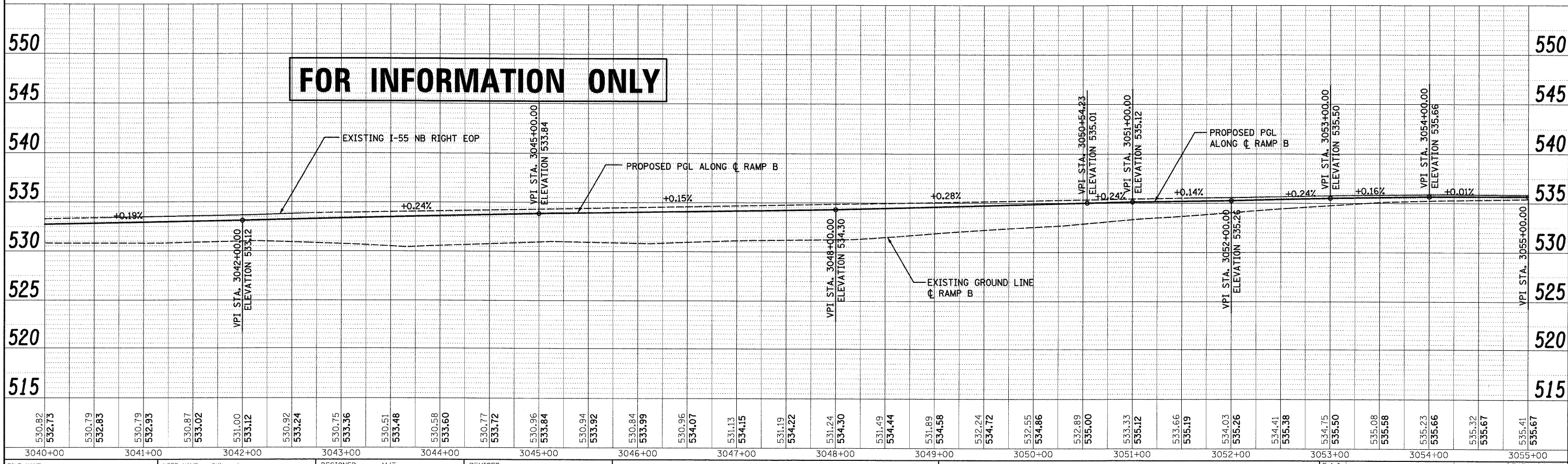
FINAL



PLAN	REVISED	DATE
NO.	NO.	NO.
NO.	NO.	NO.
NO.	NO.	NO.



PROFILE	REVISED	DATE
NO.	NO.	NO.
NO.	NO.	NO.
NO.	NO.	NO.



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PLOT SCALE = 1:50  
PLOT DATE = 12/11/2009

DESIGNED - MJT  
DRAWN - MJT  
CHECKED - DLT  
DATE - 12/18/09

REVISED -  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RAMP B PROFILE

SCALE: 1"=50'H+1"=5'V SHEET NO. 2 OF 3 SHEETS STA. TO STA.

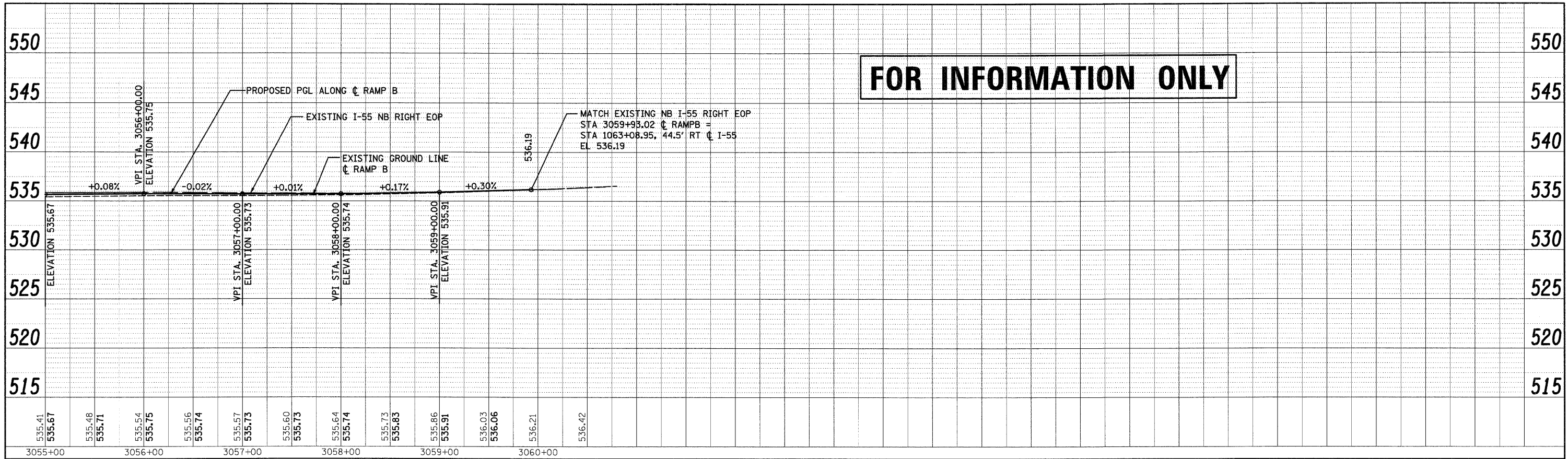
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	80
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN  
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 NOTE BOOK NO. \_\_\_\_\_  
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 NOTE BOOK NO. \_\_\_\_\_  
 SIGNATURE NOTATIONS CHG

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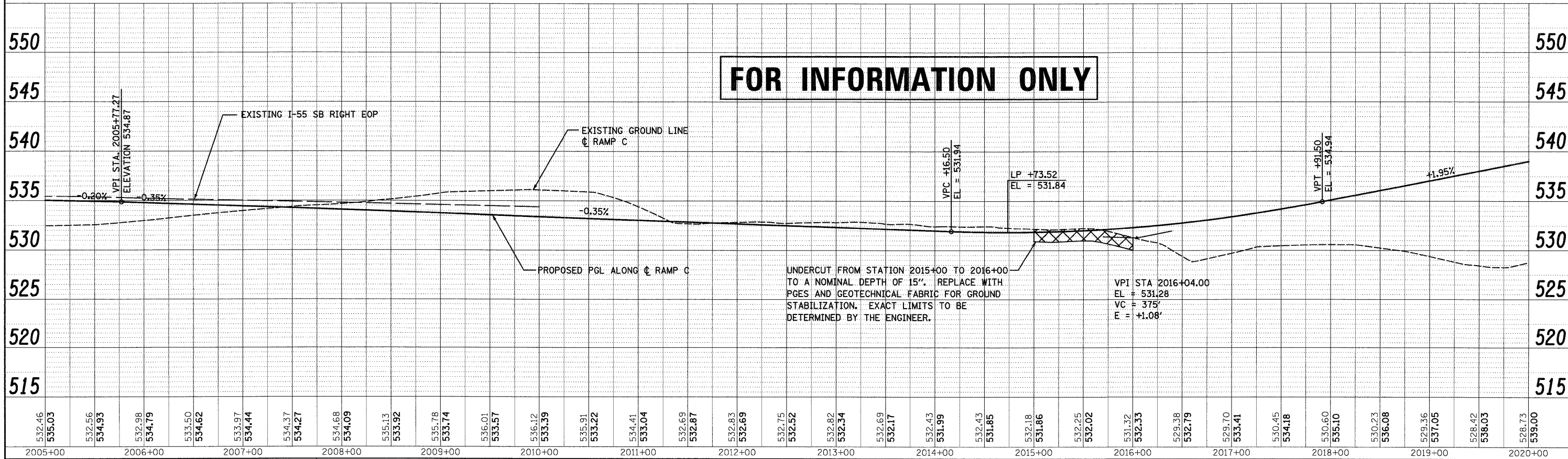
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PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
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PLAN	REVISIONS	BY	DATE
NO.	NO.		
NOTE BOOK	GRADES CHECKED		
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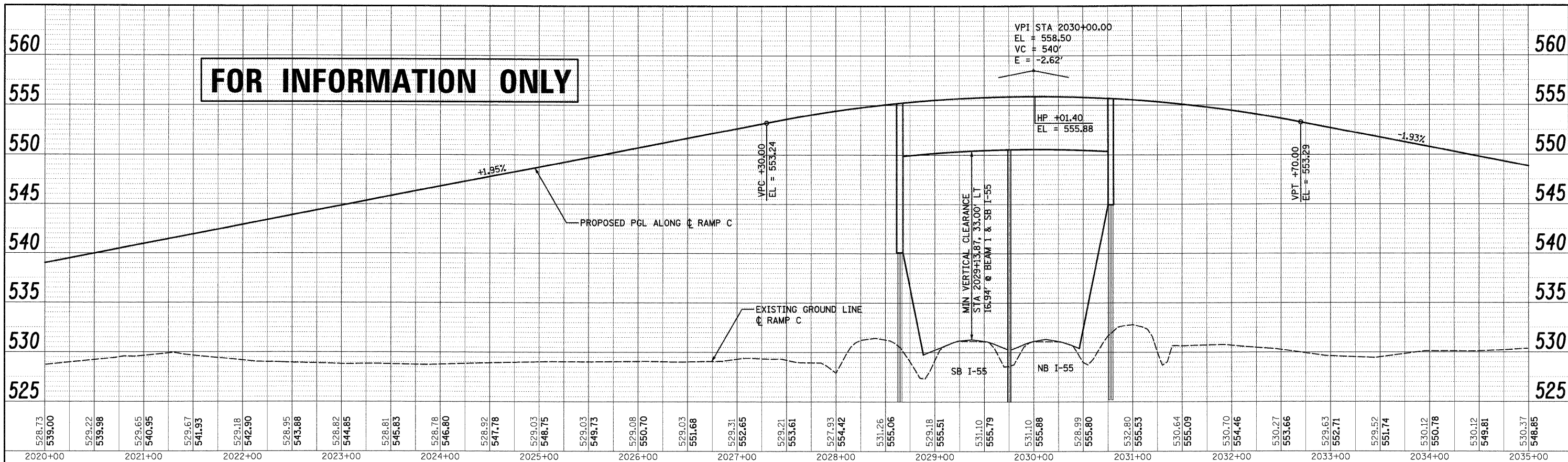


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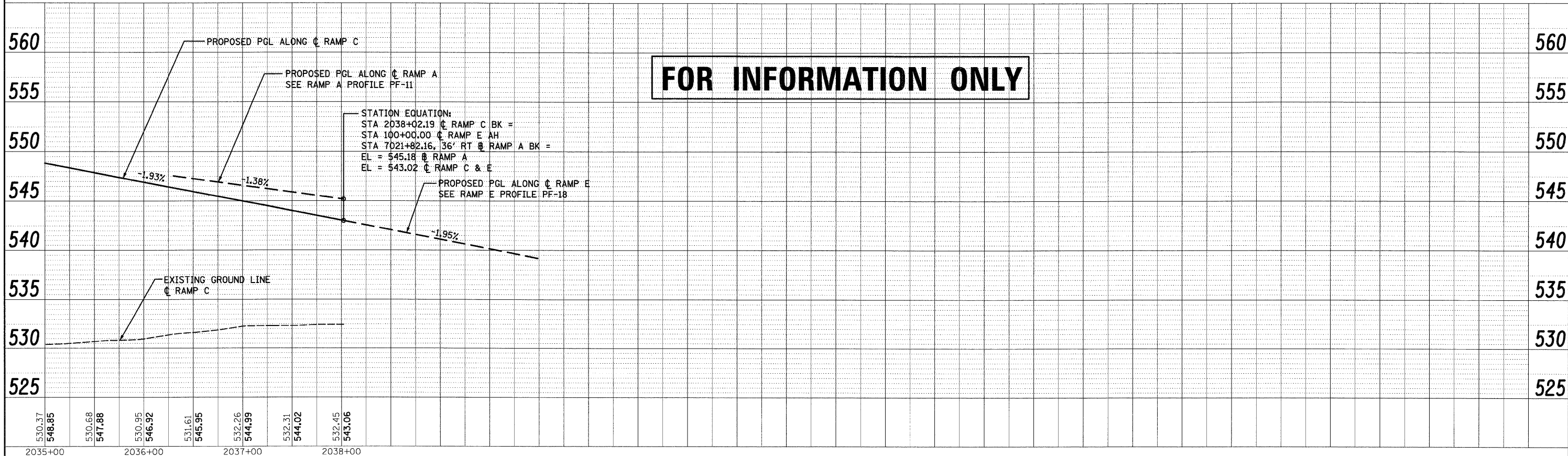
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**FINAL**

PLAN	DESIGNED	BY	DATE
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	NO. 1018 BOOK		
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	NO. 1018 BOOK		
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PROFILE	DESIGNED	BY	DATE
	PLOTTED		
	CHECKED		
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	NO. 1018 BOOK		
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

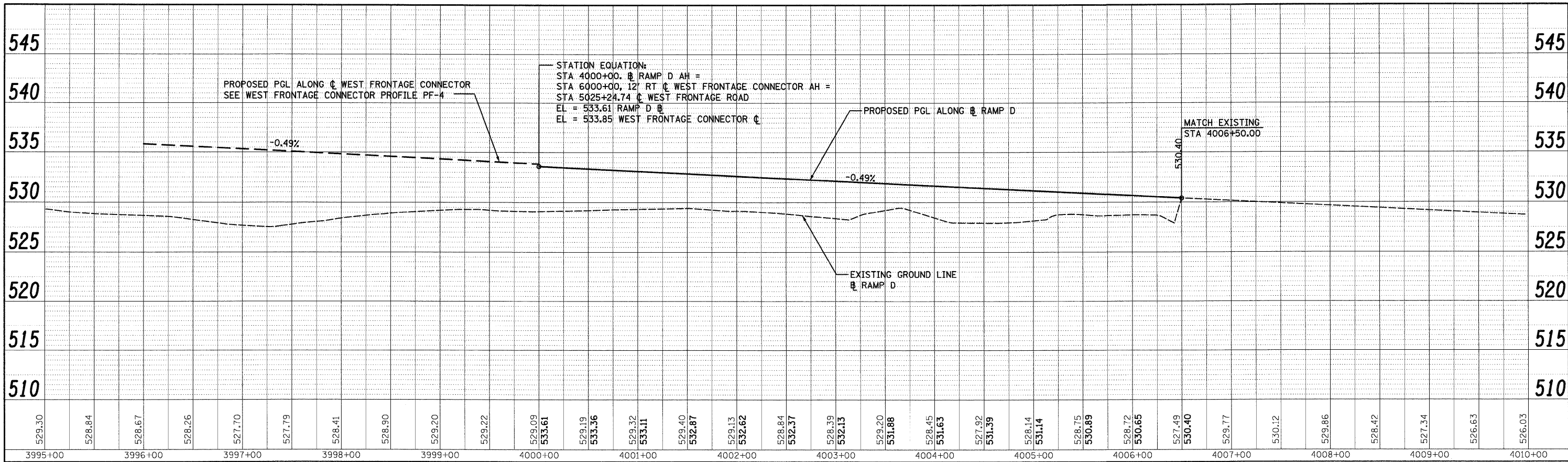
RAMP C PROFILE

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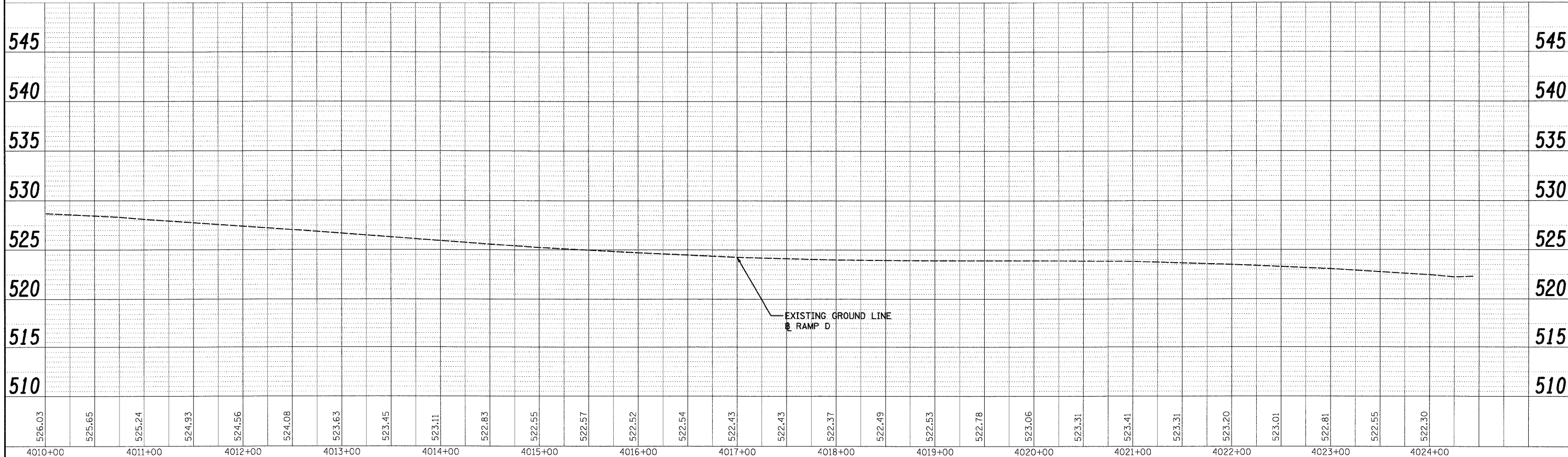
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	83
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL

PLAN	REVISIONS	BY	DATE
NO.	NO.		
NOTE BOOK	ALIGNMENT	CHECKED	
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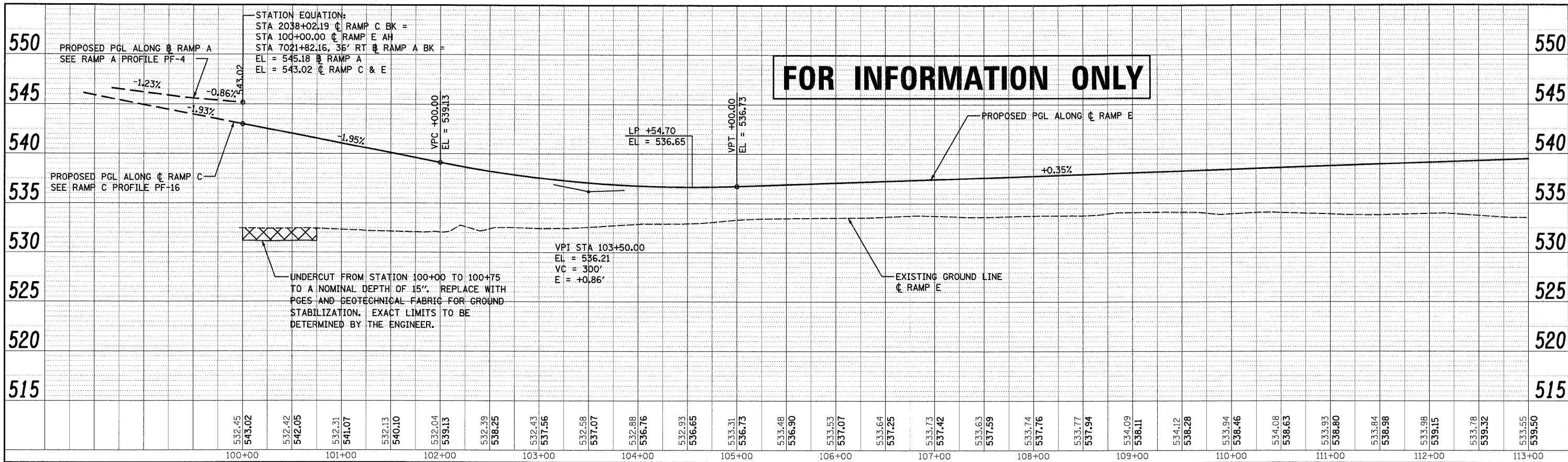


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 180 East Randolph Street Chicago, Illinois 60601

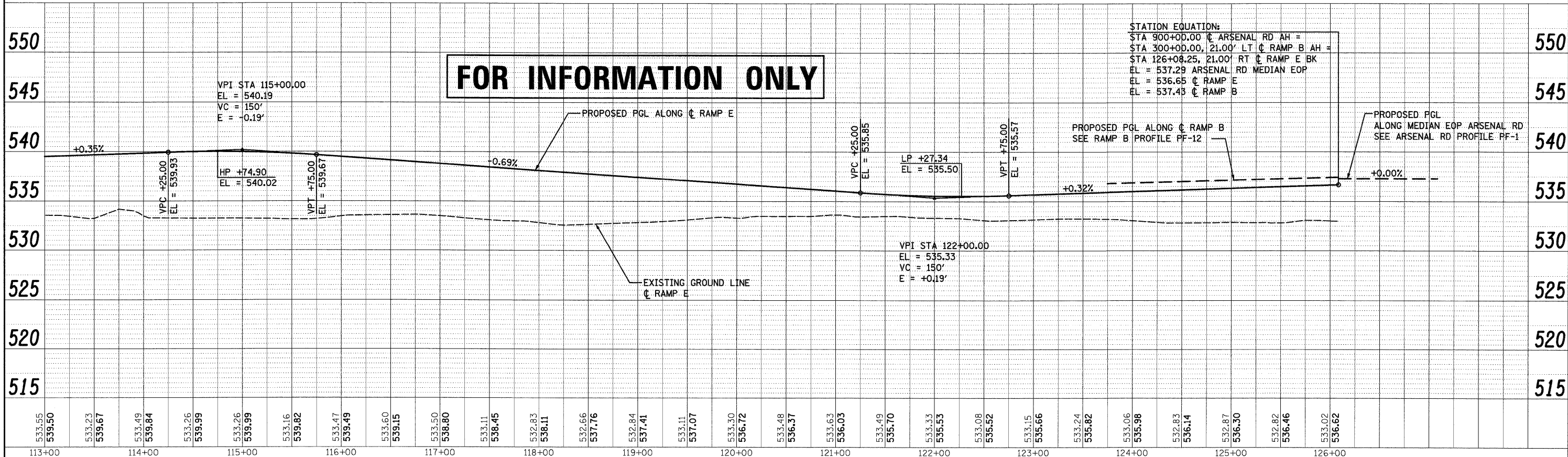
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PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISED -	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT							
SCALE 1"=50'H/1"=5'V SHEET NO. 1 OF 1 SHEETS STA. TO STA.										



PLAN	REVISIONS	DATE
NO.	NO.	
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PROFILE	REVISIONS	DATE
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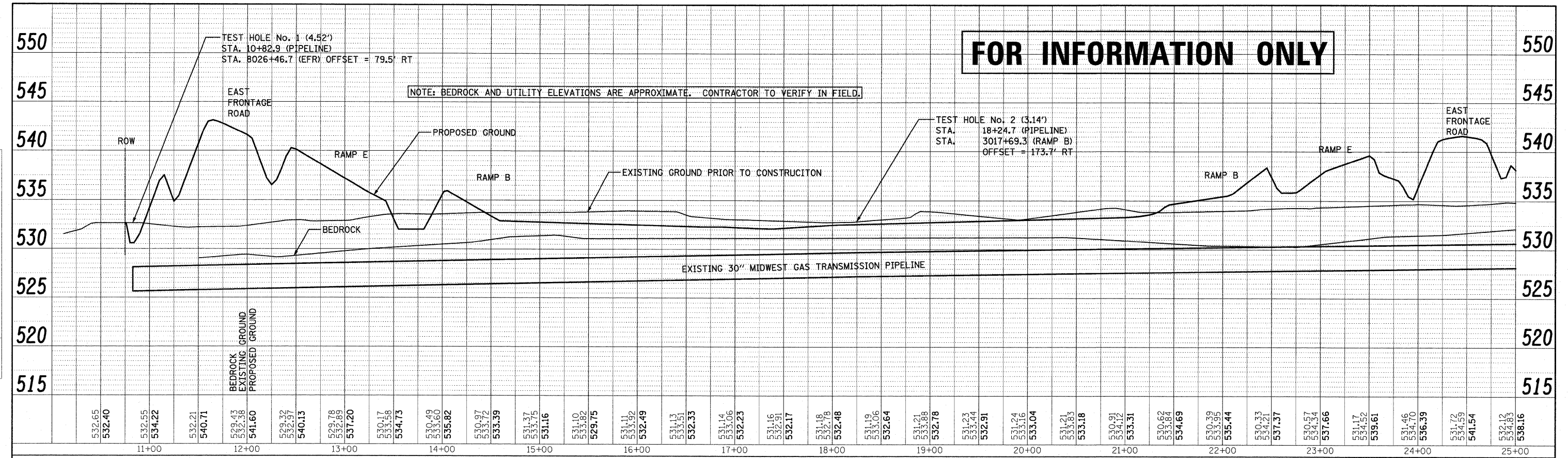
McDonough Associates Inc.  
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130 East Randolph Street, Chicago, Illinois 60601

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

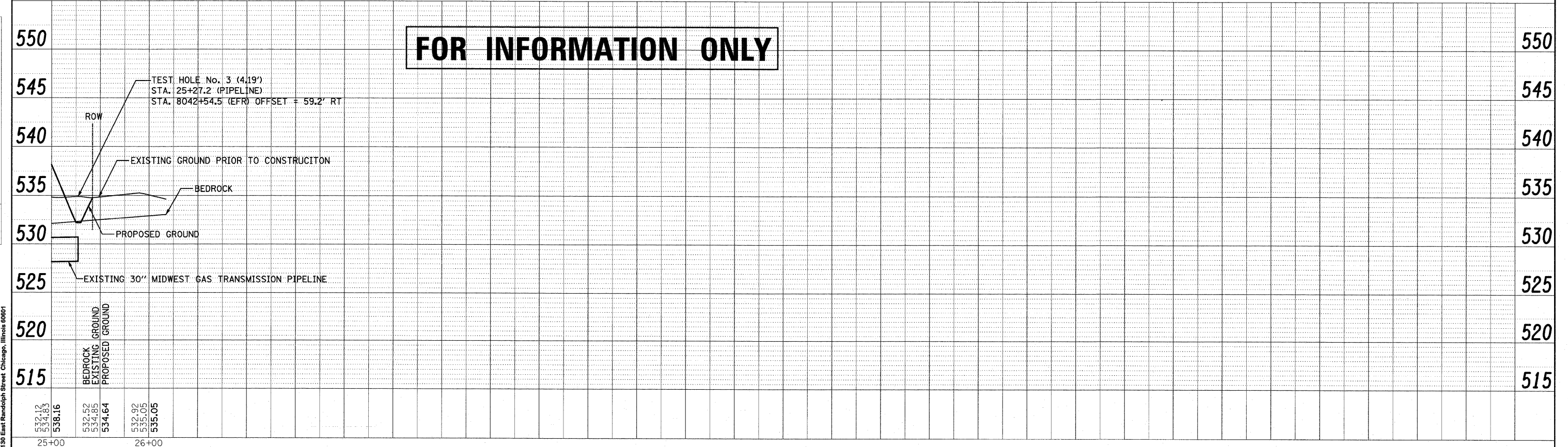
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NOTE BOOK NO.	ALIGNMENT CHECKED		
	PT. OF WAY CHECKED		
	ROAD FILE MADE		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		

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130 East Randolph Street Chicago, Illinois 60601



**FOR INFORMATION ONLY**



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FILE NAME = D:\6031-SHT-UTIL-PROF01.dgn	USER NAME = jlatour	DESIGNED - JCL	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>GAS PIPELINE PROFILE</b>	F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 86
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PLOT DATE = 1/19/2010	DATE - 12/18/09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
SCALE: 1"=50'H/1"=5'V		SHEET NO. 2 OF 2 SHEETS				STA. TO STA.				

**FINAL**

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. THE ENGINEER SHALL BE INFORMED A MINIMUM OF 48 HOURS IN ADVANCE OF ANY CHANGE TO THE TRAFFIC CONTROL PLANS.
2. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORSEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES FOR CHANNELIZATION SHOWN IN THE PLANS OR STANDARDS. THE CONTRACTOR WILL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER VERBALLY AND/OR IN WRITING FOR CORRECTION, IMPROVEMENT, OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
3. THE CONTRACTOR SHALL OBLITERATE OR REMOVE ALL TEMPORARY STRIPING WHICH CONFLICTS WITH THE NEXT DAY STAGE OR FINAL STRIPING. ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE NEXT DAY STAGE SHALL BE REMOVED AND THEN REPLACED AFTER THE STAGING IS COMPLETE. ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE FINAL STRIPING SHALL BE REMOVED AFTER THE STAGING IS COMPLETE.
4. ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC, AS DETAILED ON THE PLANS, SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN THE SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
5. ALL DRUMS, VERTICAL PANELS AND BARRICADES IMMEDIATELY ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH STEADY MONO-DIRECTIONAL LIGHTS.
6. LOCATIONS OF CHANGEABLE MESSAGE SIGNS SHALL BE DETERMINED BY THE ENGINEER.
7. THE CONTRACTOR SHALL INSTALL AND MAINTAIN DRIVEWAY ENTRANCE SIGNS AT ALL DRIVEWAYS ADJACENT TO THE WORK ZONE PER DISTRICT 1 STD. TC-26.
8. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ADJACENT TRAFFIC LANES OPEN TO TRAFFIC FROM DEBRIS BEING BLOWN OR OTHERWISE REMOVED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING DEBRIS OFF OF THE ADJACENT TRAVELED LANE SURFACE. THE COST IS INCIDENTAL TO MAINTENANCE OF TRAFFIC.
9. ALL EXISTING SIGNING SHALL BE MAINTAINED IN PLACE UNTIL NEW SIGNING IS ERECTED. THE COST OF THIS REQUIREMENT SHALL BE CONSIDERED INCIDENTAL TO MAINTENANCE OF TRAFFIC. ANY SIGNS NOT IN CONFLICT WITH THE MAINTENANCE OF TRAFFIC SHALL BE MAINTAINED.
10. ALL TRAFFIC CONTROL DEVICES REQUIRED TO PROVIDE MAINTENANCE OF TRAFFIC DURING THE CONSTRUCTION SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR. THE TRAFFIC CONTROL DEVICES SHALL MEET THE REQUIREMENTS OF SEC. 701 OF THE STANDARD SPECIFICATIONS AND SHALL REMAIN VISIBLE DURING ALL STAGES OF CONSTRUCTION.
11. THE CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS AND DETAILS FOR ACCESS TO CONSTRUCTION ZONE FOR REVIEW AND APPROVAL BY THE ENGINEER. CONTRACTOR MUST MAINTAIN LOCAL AND EMERGENCY ACCESS AT ALL TIMES.
12. SEE STANDARDS FOR SIGNING NOT SHOWN ON THE MAINTENANCE OF TRAFFIC DRAWINGS.
13. WORKERS AND FLAGGER SIGNS SHALL ONLY BE DISPLAYED WHILE WORKERS OR FLAGGERS, RESPECTIVELY, ARE PRESENT.
14. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847)705-4400 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICE.
15. DETOUR ROUTE FOR NORTHBOUND TRAFFIC ON WEST FRONTAGE ROAD IS IN EFFECT UNDER STAGES 1A, 1B, 2A, 2B, AND 3. SEE SHEET MOT-39 FOR DETOUR SIGNING.

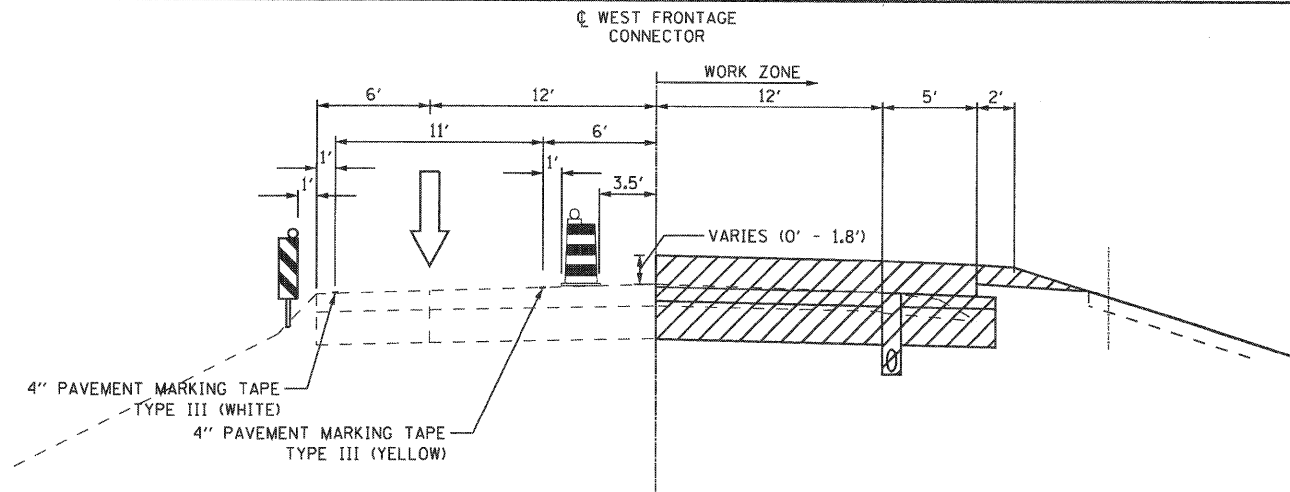
CONSTRUCTION STAGING

STAGE	CONSTRUCTION	TRAFFIC
<b>E. &amp; W. FRONTAGE ROADS, W. FRONTAGE CONNECTOR, AND ARSENAL ROAD</b>		
STAGE 1	BEGIN CONSTRUCTION OF EAST FRONTAGE ROAD.  BEGIN CONSTRUCTION OF NORTHBOUND LANES ON ARSENAL ROAD FROM STA. 900+00 TO STA. 920+20.  COMPLETE CONSTRUCTION OF WEST FRONTAGE ROAD FROM STA. 5013+83 TO STA. 5025+37.  COMPLETE CONSTRUCTION OF RAMP D FROM STA. 4000+00 TO STA. 4006+25.  COMPLETE CONSTRUCTION OF WEST FRONTAGE CONNECTOR FROM STA. 6000+00 TO STA. 6024+07.	SOUTHBOUND AND NORTHBOUND TRAFFIC ON EXISTING EAST FRONTAGE ROAD.    SOUTHBOUND AND NORTHBOUND TRAFFIC ON EXISTING WEST FRONTAGE ROAD.
STAGE 2	COMPLETE CONSTRUCTION OF NORTHBOUND LANES ON ARSENAL ROAD FROM STA. 900+00 TO STA. 920+20.  COMPLETE CONSTRUCTION OF EAST FRONTAGE ROAD.  COMPLETE CONSTRUCTION OF NORTHBOUND LANE AND SHOULDER ON WEST FRONTAGE CONNECTOR.	SOUTHBOUND AND NORTHBOUND TRAFFIC ON EXISTING EAST FRONTAGE ROAD.    SOUTHBOUND TRAFFIC ON SOUTHBOUND LANE AND SHOULDER OF EXISTING WEST FRONTAGE ROAD. WEST FRONTAGE ROAD CLOSED TO NORTHBOUND TRAFFIC WITHIN CONSTRUCTION LIMITS (DETOUR PROVIDED).
STAGE 3	COMPLETE CONSTRUCTION OF SOUTHBOUND LANE AND SHOULDER ON WEST FRONTAGE CONNECTOR.	SOUTHBOUND TRAFFIC ON NORTHBOUND LANE AND SHOULDER OF NEW WEST FRONTAGE CONNECTOR. WEST FRONTAGE ROAD CLOSED TO NORTHBOUND TRAFFIC WITHIN CONSTRUCTION LIMITS (DETOUR PROVIDED).
<b>RAMP D</b>		
STAGE 1	INSTALL TEMPORARY PAVEMENT CONNECTING EXISTING WEST FRONTAGE ROAD WITH PROPOSED RAMP D CONSTRUCTION FROM STA. 4006+25 TO 4009+21.	SOUTHBOUND AND NORTHBOUND ON EXISTING WEST FRONTAGE ROAD. I-55 ACCESS THROUGH EXISTING INTERCHANGE RAMPS.
STAGE 1A	CONSTRUCT EAST HALF OF RAMP D FROM STA. 4006+25 TO STA. 4009+21.	RAMP D TRAFFIC ON TEMPORARY PAVEMENT INSTALLED IN STAGE 1.
STAGE 1B	CONSTRUCT WEST HALF OF RAMP D FROM STA. 4006+25 TO STA. 4009+21.	RAMP D TRAFFIC ON RAMP D PAVEMENT, SHOULDER, AND TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 1A.
<b>TIE-IN PAVEMENT</b>		
STAGE 1A	CONSTRUCT WEST HALF OF SOUTH TERMINUS OF WEST FRONTAGE ROAD.	SHORT-TERM DAYTIME LANE CLOSURE PER STD. 701306-02.
STAGE 1B	CONSTRUCT EAST HALF OF SOUTH TERMINUS OF WEST FRONTAGE ROAD.	SHORT-TERM DAYTIME LANE CLOSURE PER STD. 701306-02.
STAGE 2A	CONSTRUCT WEST HALF OF SOUTH TERMINUS OF EAST FRONTAGE ROAD.	SHORT-TERM DAYTIME LANE CLOSURE PER STD. 701306-02.
STAGE 2B	CONSTRUCT EAST HALF OF SOUTH TERMINUS OF EAST FRONTAGE ROAD.	SHORT-TERM DAYTIME LANE CLOSURE PER STD. 701306-02.
STAGE 3A	RESURFACE EAST HALVES OF EAST FRONTAGE ROAD FROM STA. 7998+00 TO STA. 8004+50 AND WEST FRONTAGE ROAD FROM STA. 4993+50 TO STA. 5009+50.	SHORT-TERM DAYTIME LANE CLOSURE PER STD. 701306-02.
STAGE 3B	RESURFACE WEST HALVES OF EAST FRONTAGE ROAD FROM STA. 7998+00 TO STA. 8004+50 AND WEST FRONTAGE ROAD FROM STA. 4993+50 TO STA. 5009+50.	SHORT-TERM DAYTIME LANE CLOSURE PER STD. 701306-02.
POST-CONSTRUCTION		CLOSE RAMP D PER STD. TC-08. PROVIDE ACCESS TO I-55 THROUGH EXISTING INTERCHANGE. SIGNS AND BARRICADES FOR RAMP CLOSURE TO BE LEFT IN PLACE.

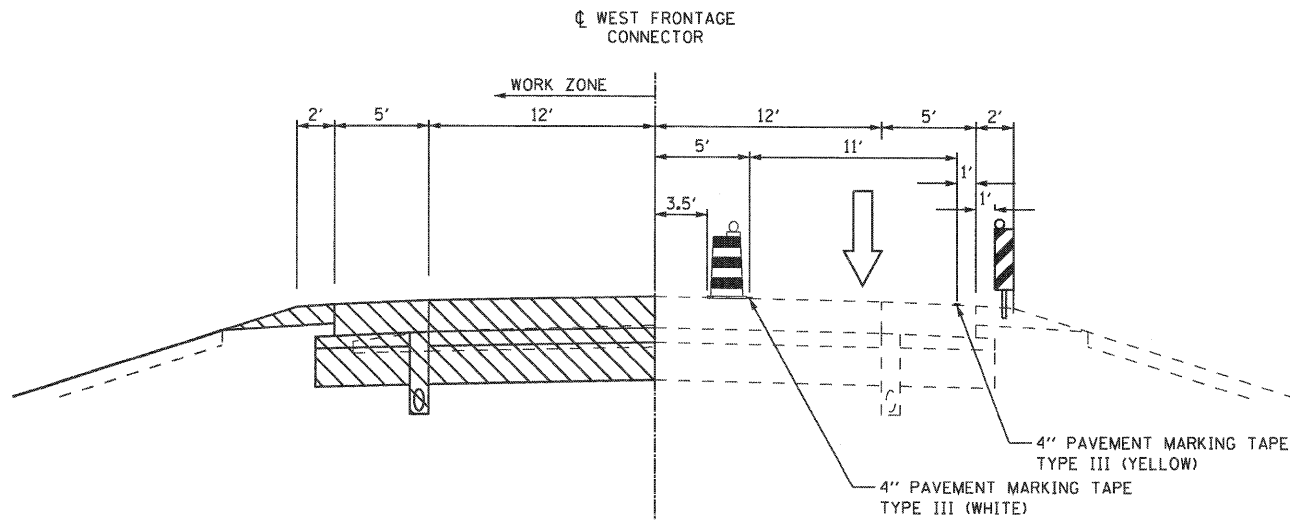
**EJM ENGINEERING, INC.**  
411 South Wells Street Suite 800  
Chicago, Illinois 60607



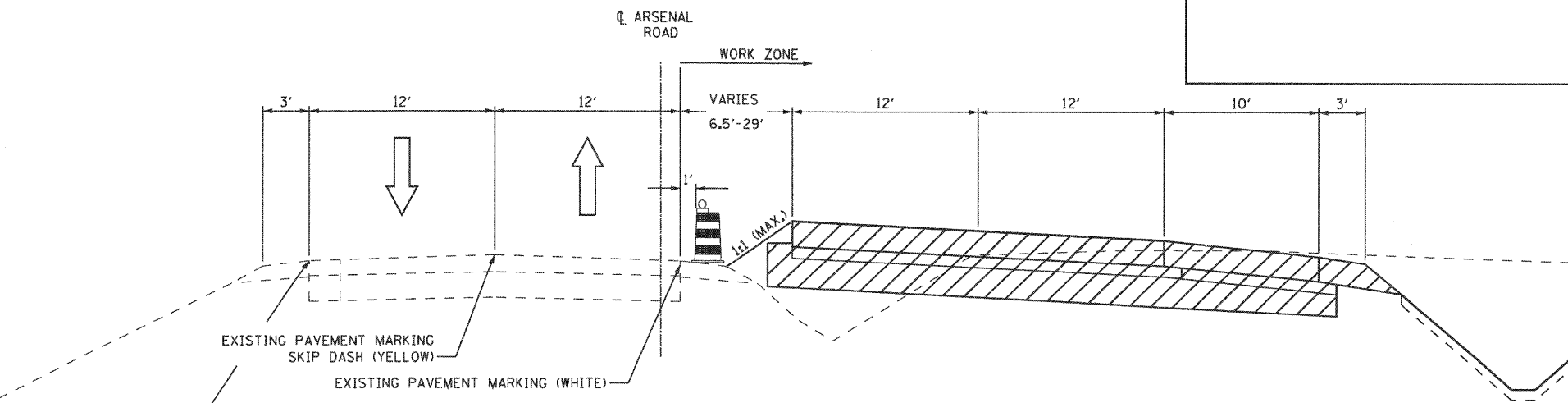
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PLOT SCALE =	DRAWN - GR	CHECKED - RY	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT
PLOT DATE = 12/16/2009	DATE - 12/18/2009	REVISOR -	REVISOR -			CONTRACT NO. 60C31					
						CONTRACT NO. 60C31					



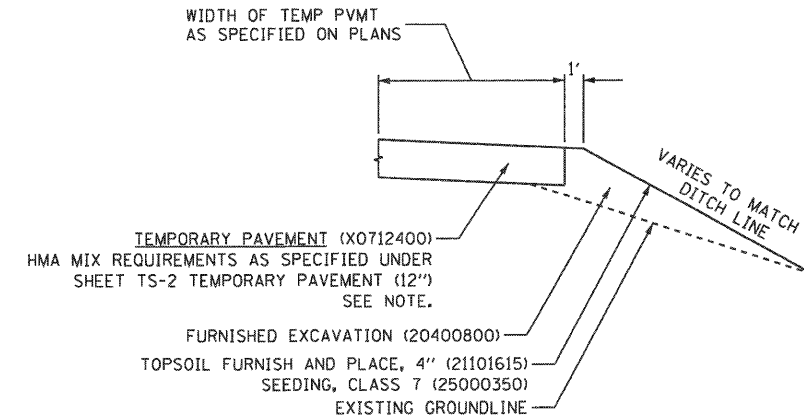
**WEST FRONTAGE CONNECTOR**  
 STAGE 2  
 STA. 6024+07 TO STA. 6077+54



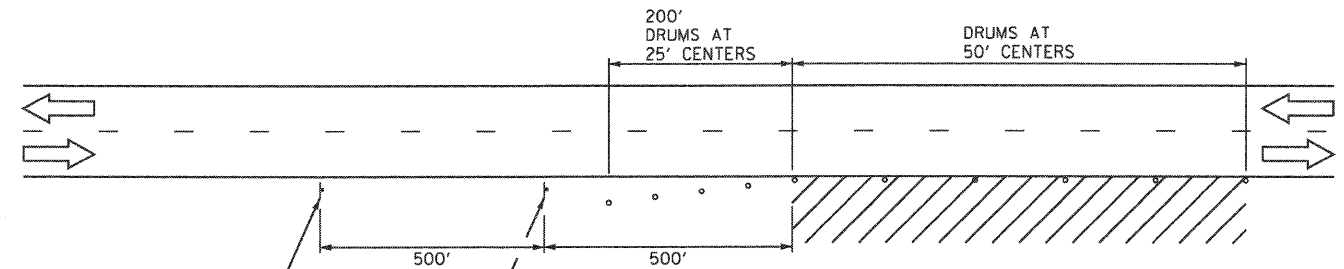
**WEST FRONTAGE CONNECTOR**  
 STAGE 3  
 STA. 6024+07 TO STA. 6077+54



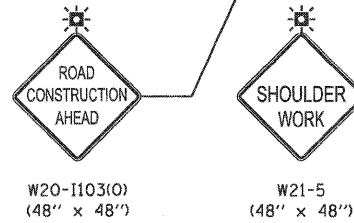
**EAST FRONTAGE ROAD / ARSENAL ROAD**  
 STAGE 1, 2, AND 3  
 STA. 900+00 TO STA. 919+75



**DETAIL A**  
 TEMPORARY PAVEMENT  
 FOR SHOULDER WIDENING  
 NOTE: THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING 10"  
 PCC PAVEMENT OR 12" HMA PAVEMENT AS TEMPORARY PAVEMENT.



- NOTES**
1. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHT TIME CLOSURES.
  2. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
  3. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.



**DETAIL B**  
 WORK ZONE ADJACENT  
 TO EDGE OF PAVEMENT

**LEGEND**  
 CONSTRUCTION AREA

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		DRAWN - GR	REVISED -
		CHECKED - RY	REVISED -
		DATE - 12/18/2009	REVISED -

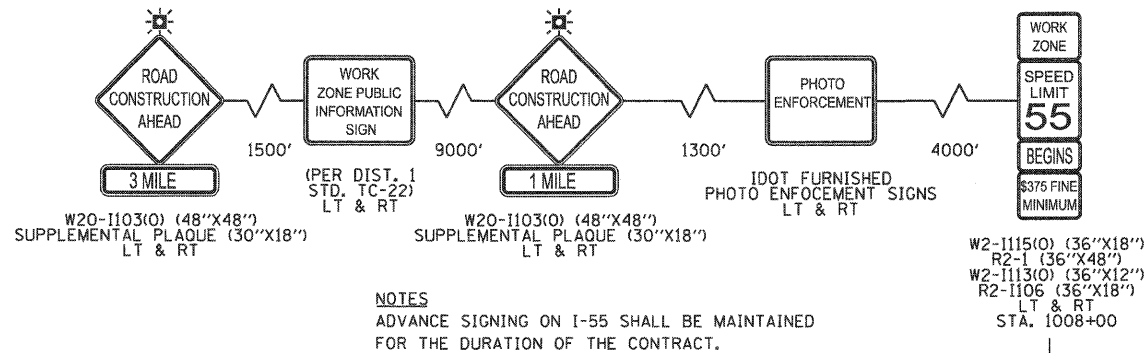
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC**  
**TYPICAL SECTIONS AND DETAILS**

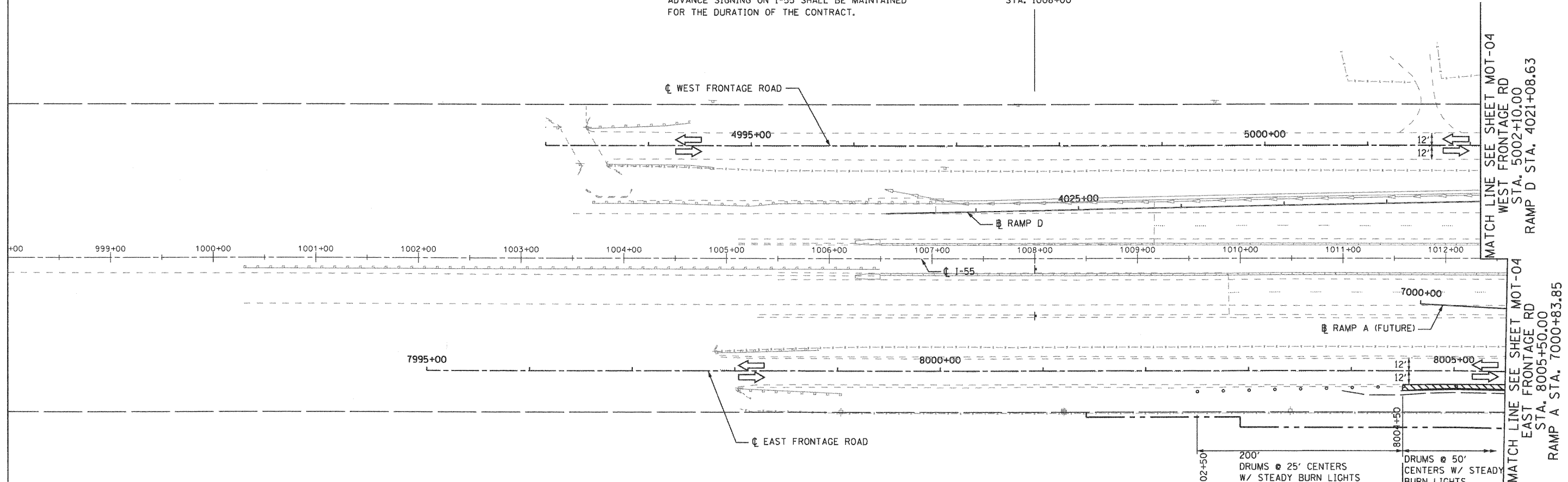
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 88
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	





**NOTES**  
 ADVANCE SIGNING ON I-55 SHALL BE MAINTAINED FOR THE DURATION OF THE CONTRACT.

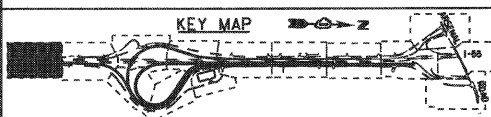
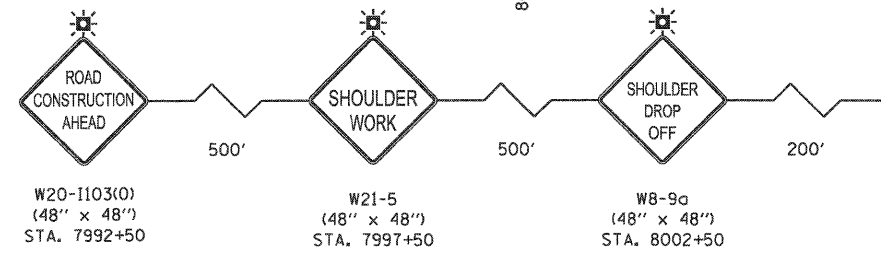


**MAINTENANCE OF TRAFFIC LEGEND**

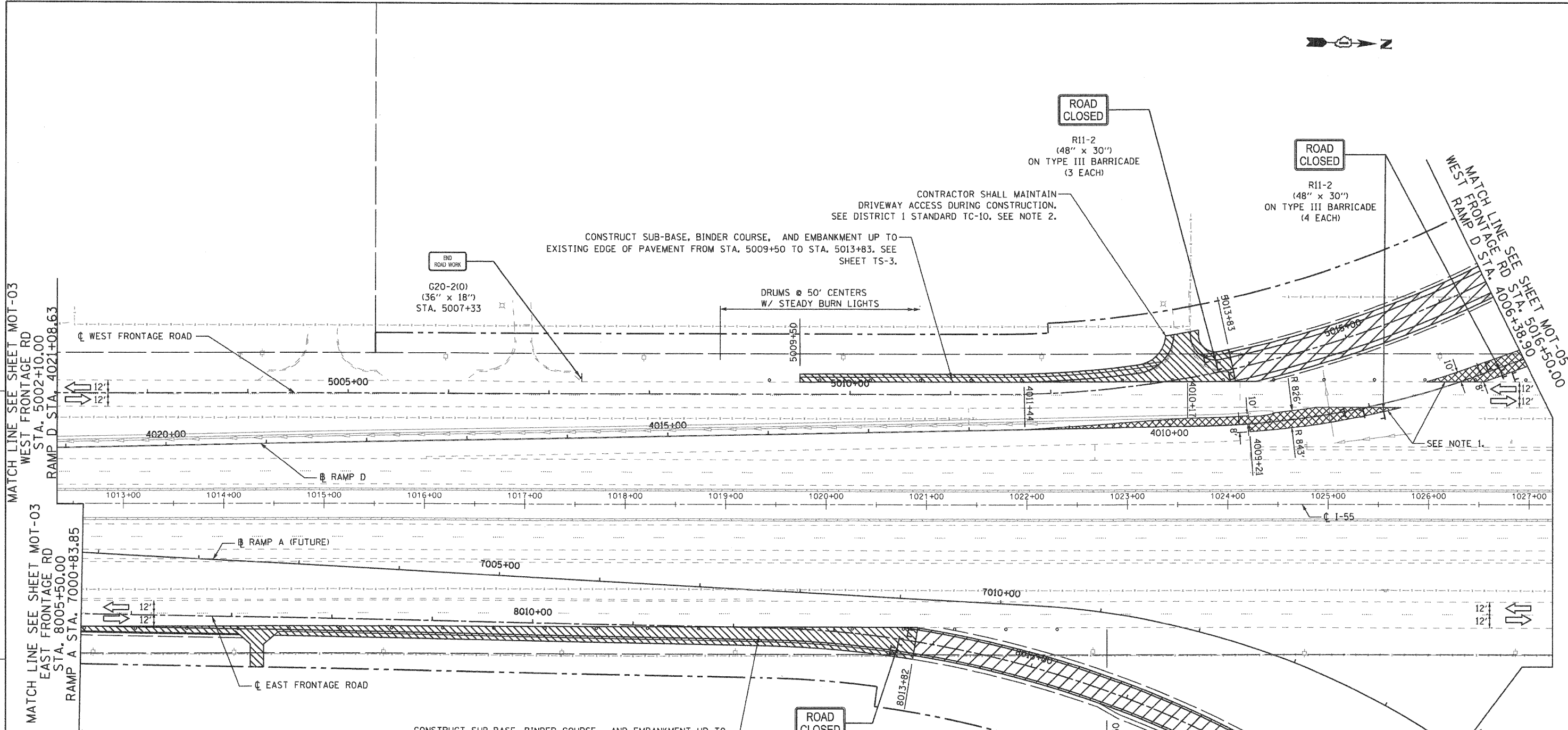
- WORK ZONE (CURRENT STAGE)
- WORK ZONE (CONTD. FROM PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- TYPE II BARRICADES (DRUMS), SPACING AS SHOWN
- TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
- TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)
- PAVEMENT CONSTRUCTION WITHOUT SURFACE COURSE

**NOTES**

1. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHT TIME CLOSURES.
2. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
3. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.



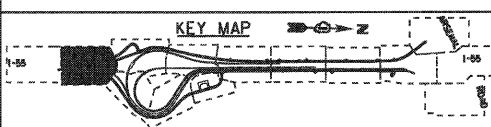
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	PLOT SCALE = 1/50	DRAWN - GR	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 12 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/16/2009	CHECKED - RY	REVISED -		CONTRACT NO. 60C31							
		DATE - 12/18/2009	REVISED -		CONTRACT NO. 60C31							



- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE (CURRENT STAGE)
  - WORK ZONE (CONTD. FROM PREVIOUS STAGE)
  - DIRECTION OF TRAFFIC
  - TYPE II BARRICADES (DRUMS), SPACING AS SHOWN
  - TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
  - TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)
  - PAVEMENT CONSTRUCTION WITHOUT SURFACE COURSE







**NOTE**

- CONSTRUCT TEMPORARY PAVEMENT USING SHORT-TERM SHOULDER CLOSURE PER DETAIL B (MOT-02).
- CONTRACTOR SHALL CONSTRUCT AND MAINTAIN AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS TO ENTRANCES. THIS WORK SHALL BE PAID FOR AS TEMPORARY ACCESS, COMMERCIAL ENTRANCE (X4022000).



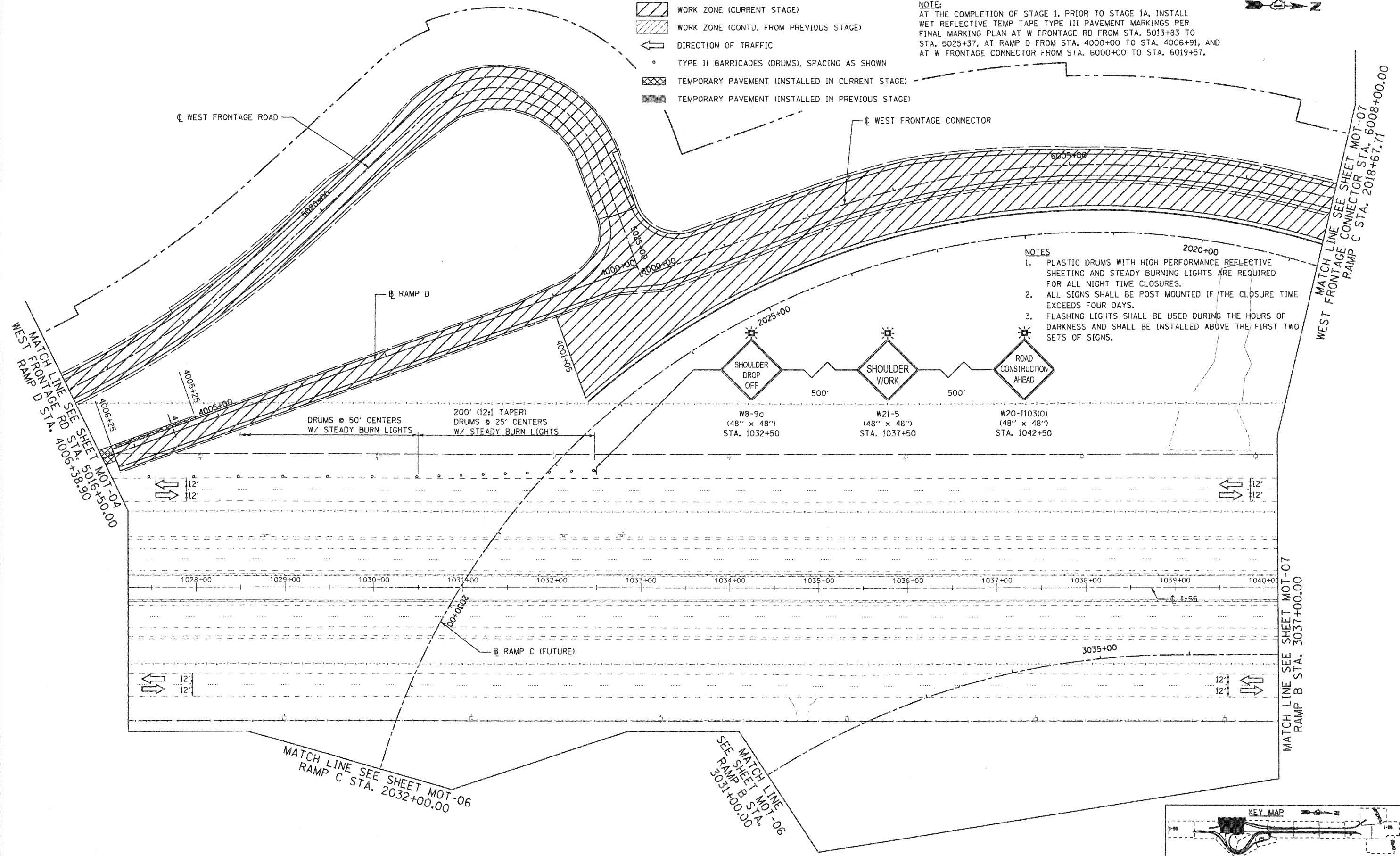
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	PLOT SCALE = 1"=50'	CHECKED - RY	REVISED -		SCALE: 1"=50'	SHEET NO. 2 OF 12 SHEETS	STA.	TO STA.	CONTRACT NO. 60C31			
	PLOT DATE = 12/16/2009	DATE - 12/18/2009	REVISED -		FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT							
<b>FINAL</b>												

**MAINTENANCE OF TRAFFIC LEGEND**

-  WORK ZONE (CURRENT STAGE)
-  WORK ZONE (CONTD. FROM PREVIOUS STAGE)
-  DIRECTION OF TRAFFIC
-  TYPE II BARRICADES (DRUMS), SPACING AS SHOWN
-  TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
-  TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)

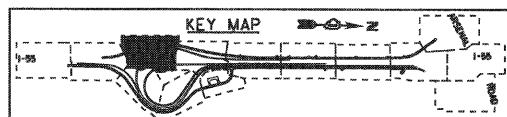
**NOTE:**

AT THE COMPLETION OF STAGE 1, PRIOR TO STAGE 1A, INSTALL WET REFLECTIVE TEMP TAPE TYPE III PAVEMENT MARKINGS PER FINAL MARKING PLAN AT W FRONTAGE RD FROM STA. 5013+83 TO STA. 5025+37, AT RAMP D FROM STA. 4000+00 TO STA. 4006+91, AND AT W FRONTAGE CONNECTOR FROM STA. 6000+00 TO STA. 6019+57.



**NOTES**

1. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHT TIME CLOSURES.
2. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
3. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.



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PLOT DATE = 12/16/2009			

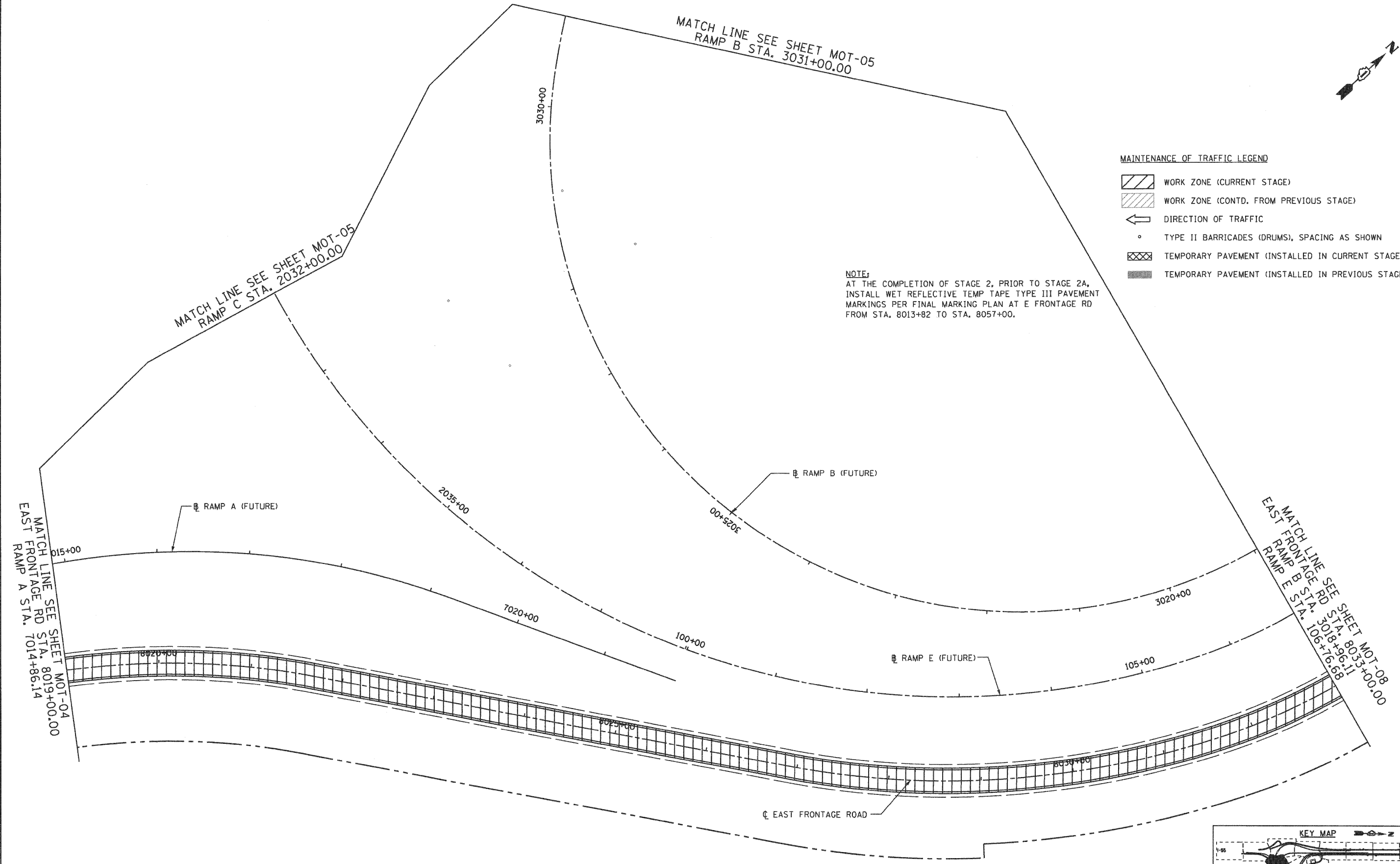
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
 STAGE 1**

SCALE: 1"=50' SHEET NO. 3 OF 12 SHEETS STA. TO STA.

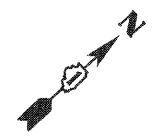
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)-3	WILL	524	91
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	





- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE (CURRENT STAGE)
  - WORK ZONE (CONTD. FROM PREVIOUS STAGE)
  - DIRECTION OF TRAFFIC
  - TYPE II BARRICADES (DRUMS), SPACING AS SHOWN
  - TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
  - TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)

**NOTE:**  
 AT THE COMPLETION OF STAGE 2, PRIOR TO STAGE 2A, INSTALL WET REFLECTIVE TEMP TAPE TYPE III PAVEMENT MARKINGS PER FINAL MARKING PLAN AT E FRONTAGE RD FROM STA. 8013+82 TO STA. 8057+00.



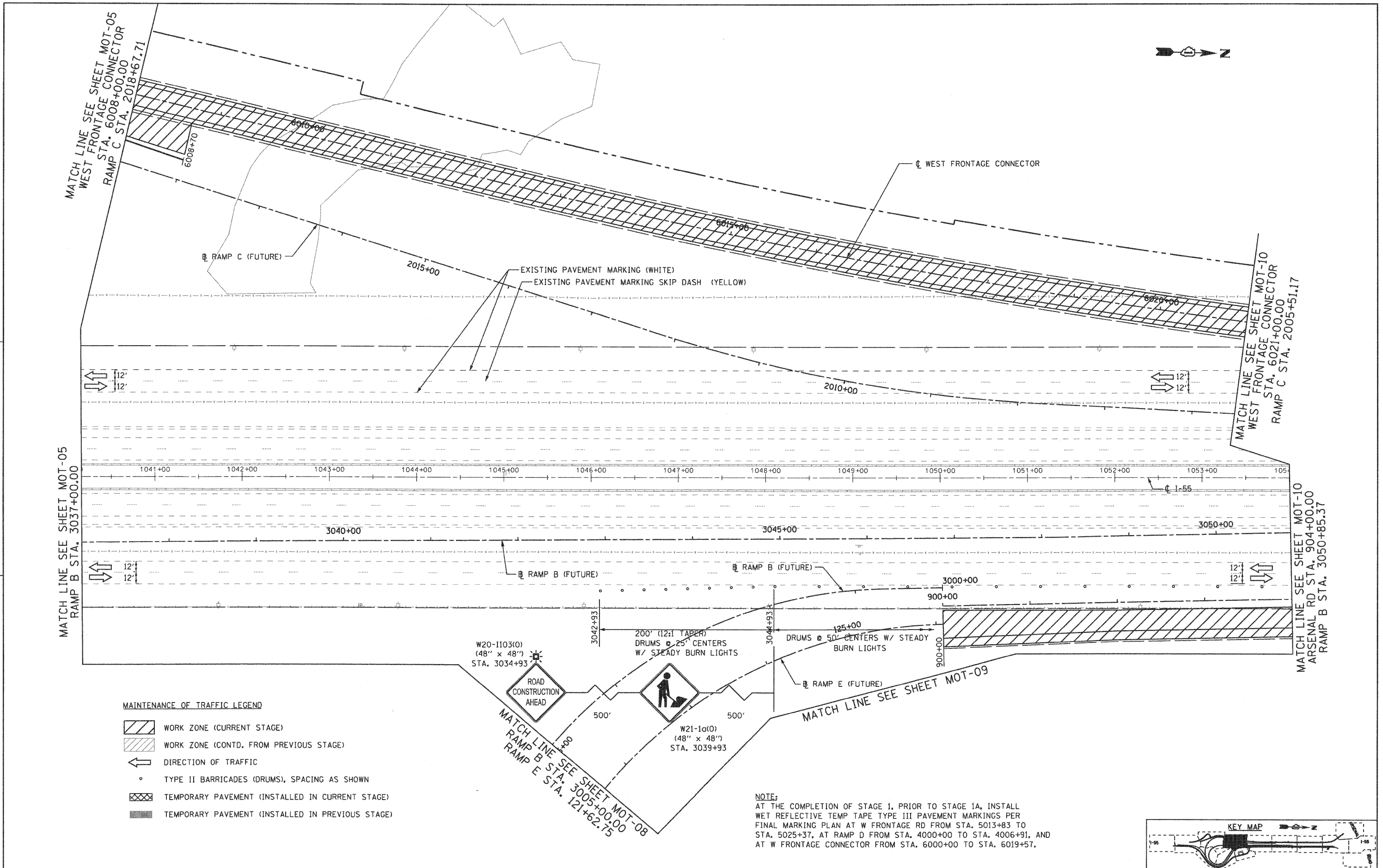
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		DATE - 12/18/2009	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
 STAGE 1**

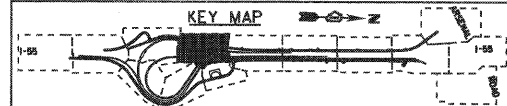
SCALE: 1"=50' SHEET NO. 4 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)-3	WILL	524	92
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE (CURRENT STAGE)
  - WORK ZONE (CONTD. FROM PREVIOUS STAGE)
  - DIRECTION OF TRAFFIC
  - TYPE II BARRICADES (DRUMS), SPACING AS SHOWN
  - TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
  - TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)

**NOTE:**  
 AT THE COMPLETION OF STAGE 1, PRIOR TO STAGE 1A, INSTALL WET REFLECTIVE TEMP TAPE TYPE III PAVEMENT MARKINGS PER FINAL MARKING PLAN AT W FRONTAGE RD FROM STA. 5013+83 TO STA. 5025+37, AT RAMP D FROM STA. 4000+00 TO STA. 4006+91, AND AT W FRONTAGE CONNECTOR FROM STA. 6000+00 TO STA. 6019+57.



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
 STAGE 1**

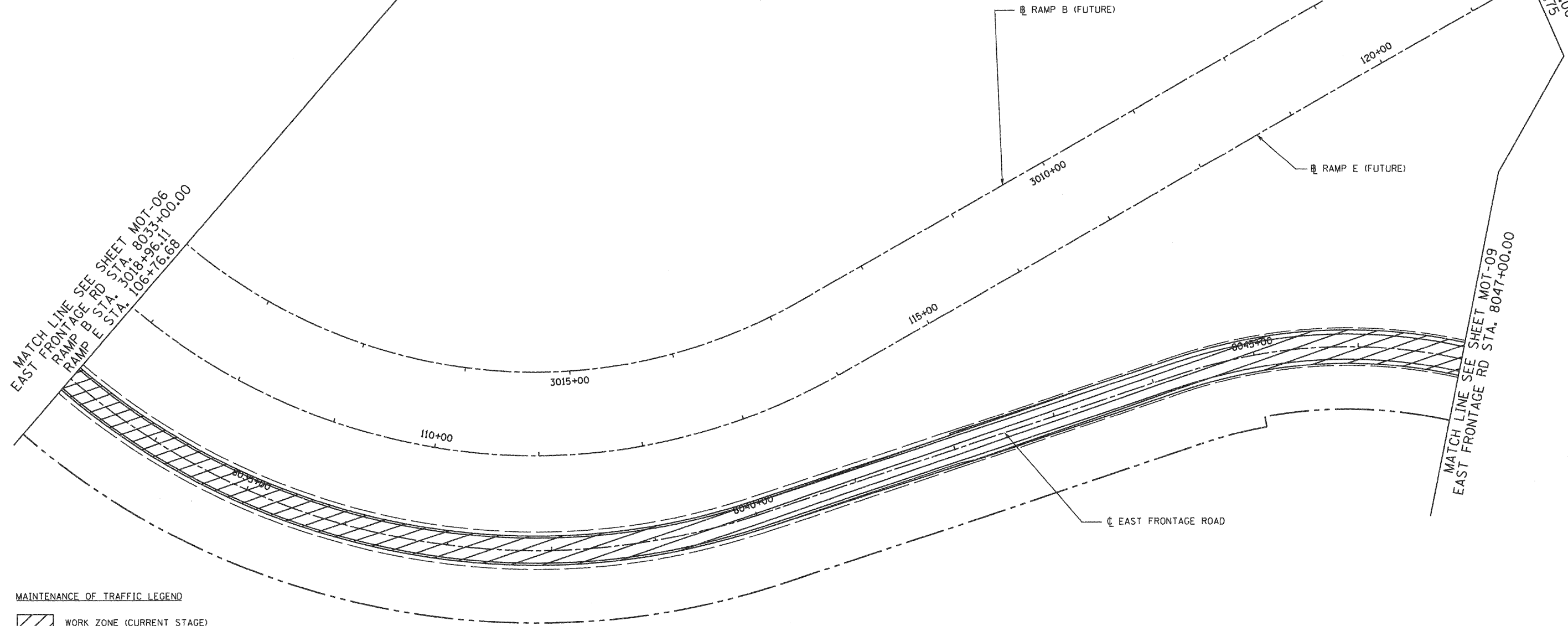
SCALE: 1"=50' SHEET NO. 5 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)-3	WILL	524	93
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

MATCH LINE SEE SHEET MOT-06  
 EAST FRONTAGE RD STA. 8033+00.00  
 RAMP B STA. 3018+96.11  
 RAMP E STA. 106+76.68

MATCH LINE SEE SHEET MOT-07  
 RAMP B STA. 3005+00.00  
 RAMP E STA. 121+92.75

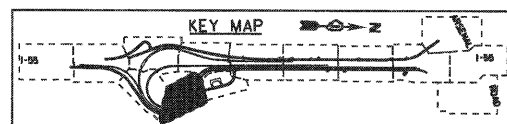
MATCH LINE SEE SHEET MOT-09  
 EAST FRONTAGE RD STA. 8047+00.00



**MAINTENANCE OF TRAFFIC LEGEND**

- WORK ZONE (CURRENT STAGE)
- WORK ZONE (CONTD. FROM PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- TYPE II BARRICADES (DRUMS), SPACING AS SHOWN
- TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
- TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)

**NOTE:**  
 AT THE COMPLETION OF STAGE 2, PRIOR TO STAGE 2A,  
 INSTALL WET REFLECTIVE TEMP TAPE TYPE III PAVEMENT  
 MARKINGS PER FINAL MARKING PLAN AT E FRONTAGE RD  
 FROM STA. 8013+82 TO STA. 8057+00.



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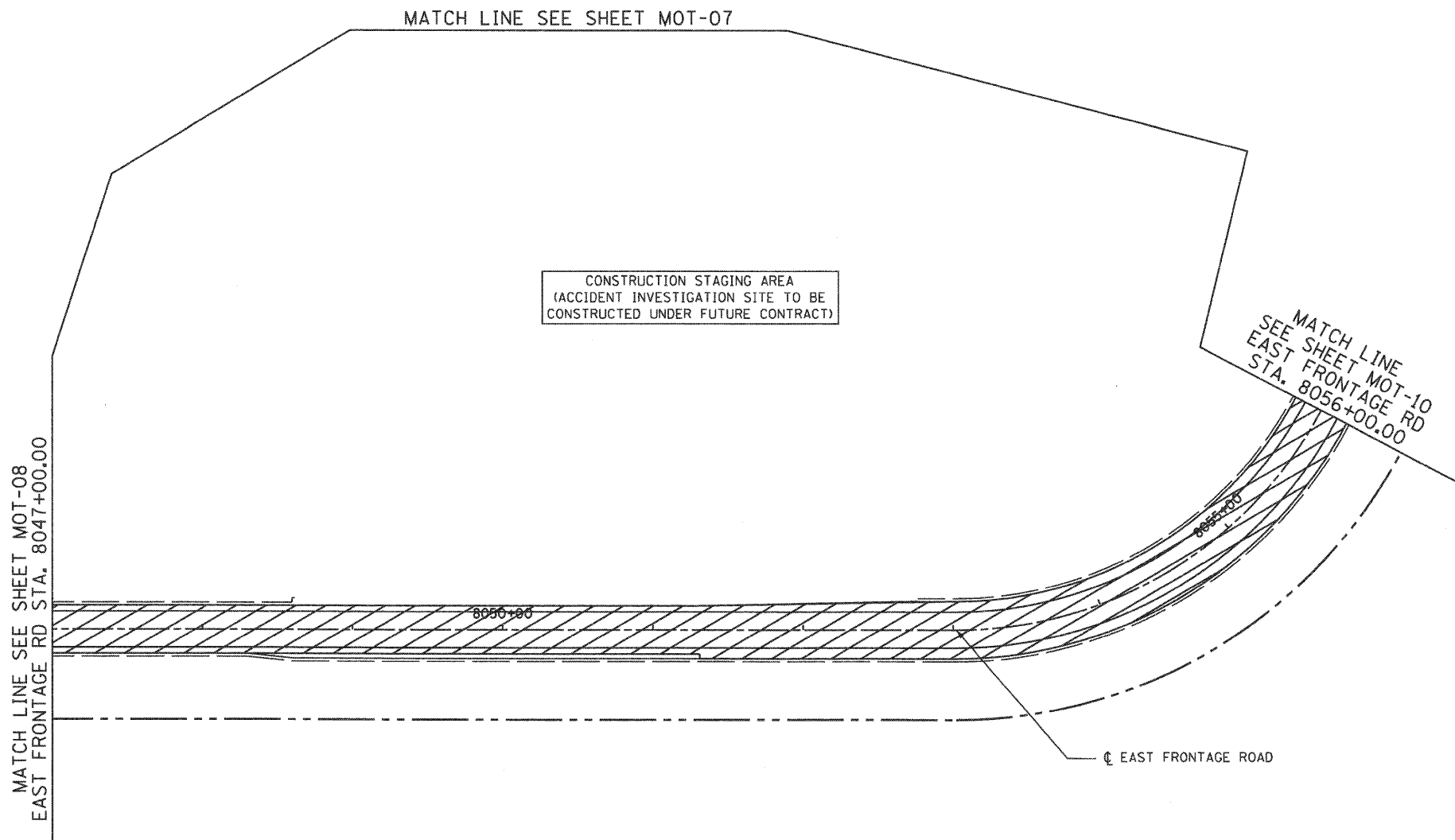
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
 STAGE 1**

SCALE: 1"=50' SHEET NO. 6 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)-3	WILL	524	94
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

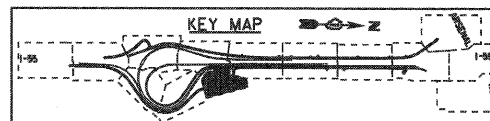
**EJM ENGINEERING, INC.**  
 411 South Wells Street Suite 800  
 Chicago, Illinois 60607



**MAINTENANCE OF TRAFFIC LEGEND**

- WORK ZONE (CURRENT STAGE)
- WORK ZONE (CONTD. FROM PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- o TYPE II BARRICADES (DRUMS), SPACING AS SHOWN
- TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
- TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)

**NOTE:**  
 AT THE COMPLETION OF STAGE 2, PRIOR TO STAGE 2A,  
 INSTALL WET REFLECTIVE TEMP TAPE TYPE III PAVEMENT  
 MARKINGS PER FINAL MARKING PLAN AT E FRONTAGE RD  
 FROM STA. 8013+82 TO STA. 8057+00.



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




**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
 STAGE 1**

SCALE: 1"=50' SHEET NO. 7 OF 12 SHEETS STA. TO STA.

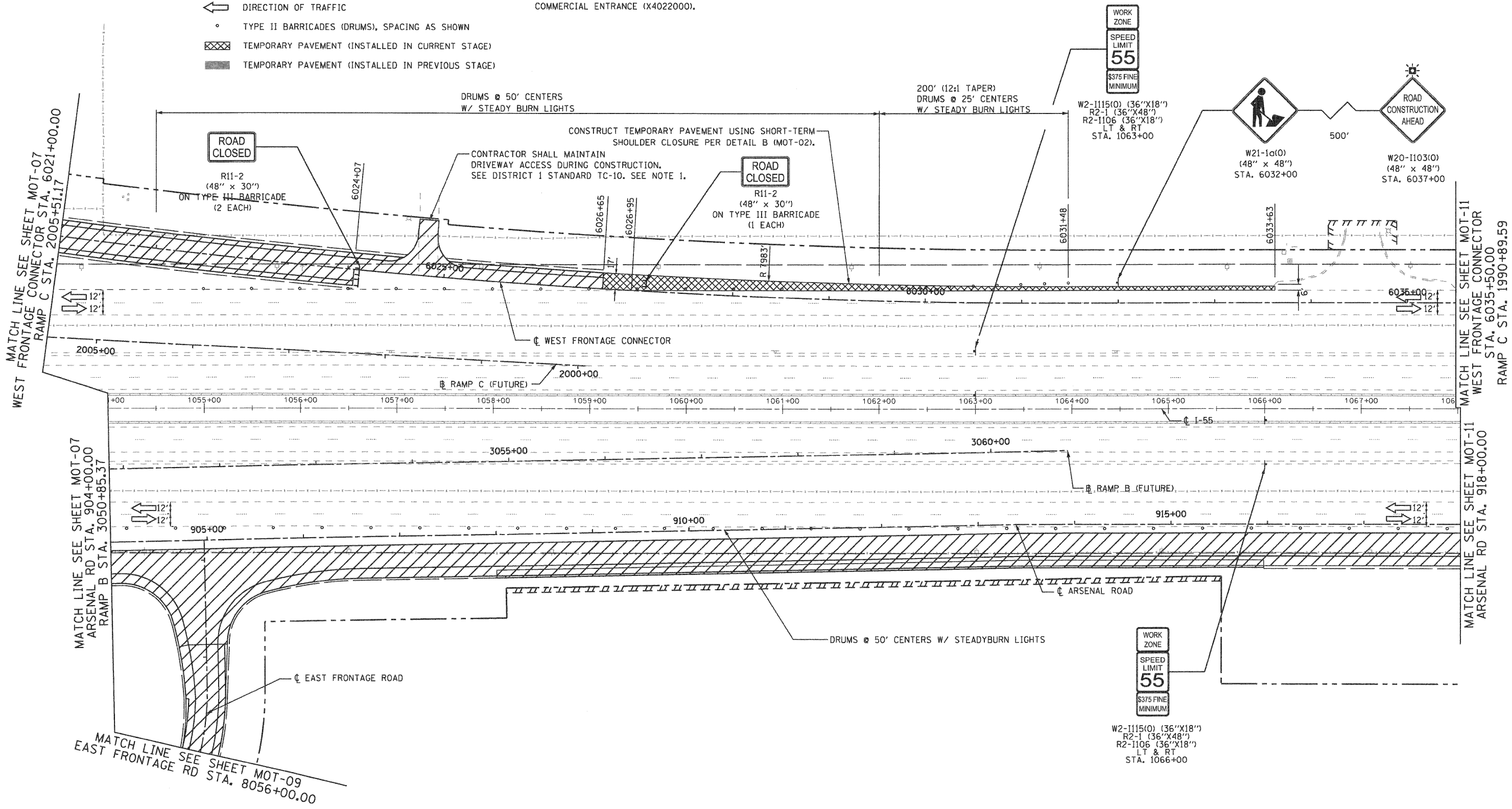
F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)-3	WILL	524	95
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

MAINTENANCE OF TRAFFIC LEGEND

-  WORK ZONE (CURRENT STAGE)
-  WORK ZONE (CONTD. FROM PREVIOUS STAGE)
-  DIRECTION OF TRAFFIC
-  TYPE II BARRICADES (DRUMS), SPACING AS SHOWN
-  TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
-  TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)

NOTE

1. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS TO ENTRANCES. THIS WORK SHALL BE PAID FOR AS TEMPORARY ACCESS, COMMERCIAL ENTRANCE (X4022000).



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

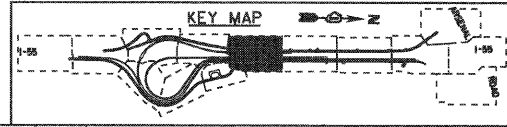


MATCH LINE SEE SHEET MOT-07  
WEST FRONTAGE CONNECTOR STA. 6021+00.00  
RAMP C STA. 2005+51.17

MATCH LINE SEE SHEET MOT-07  
ARSENAL RD STA. 904+00.00  
RAMP B STA. 3050+85.37

MATCH LINE SEE SHEET MOT-09  
EAST FRONTAGE RD STA. 8056+00.00

MATCH LINE SEE SHEET MOT-11  
WEST FRONTAGE CONNECTOR STA. 6035+50.00  
RAMP C STA. 1990+89.59



FILE NAME =	USER NAME = gpr
...VD160C31-SHT-STAGING108.dgn	

PLOT SCALE = 1/50'	DESIGNED - GR
PLOT DATE = 12/16/2009	DRAWN - GR
	CHECKED - RY
	DATE - 12/18/2009

REVISD -	REVISD -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

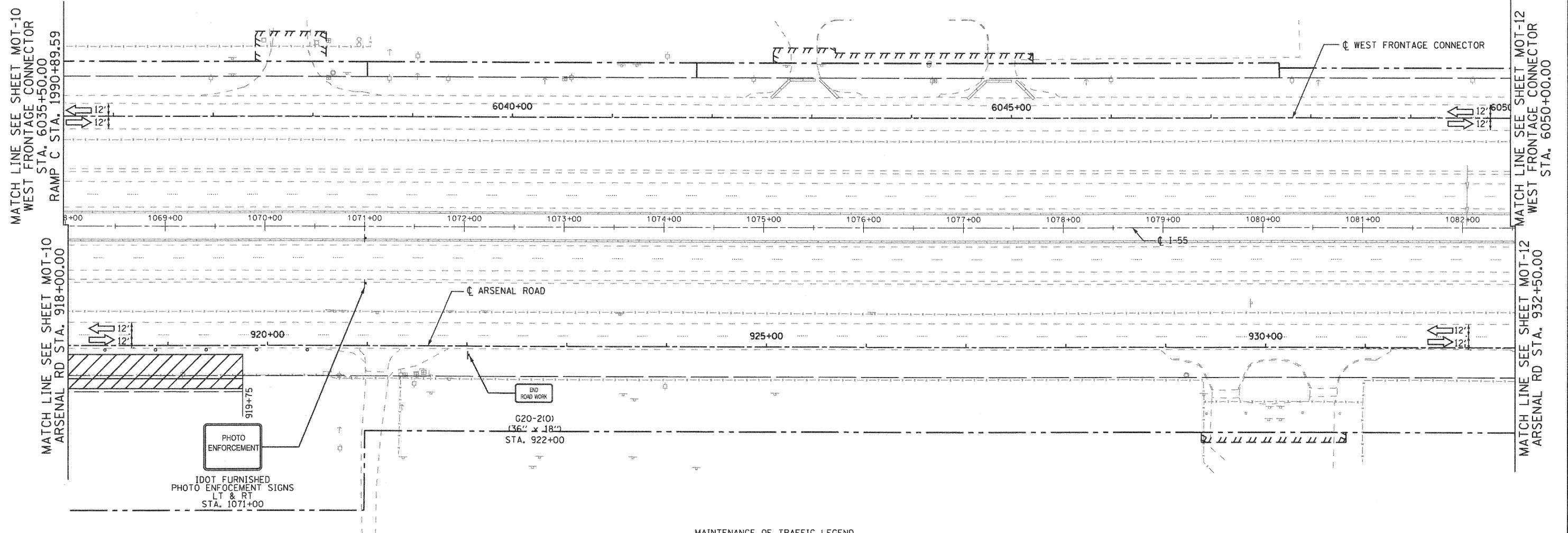
MAINTENANCE OF TRAFFIC  
STAGE 1

SCALE: 1"=50' SHEET NO. 8 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)-3	WILL	524	96
CONTRACT NO. 60C31				

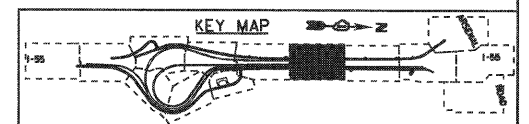
FINAL

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



**MAINTENANCE OF TRAFFIC LEGEND**

- WORK ZONE (CURRENT STAGE)
- WORK ZONE (CONTD. FROM PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- TYPE II BARRICADES (DRUMS), SPACING AS SHOWN
- TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
- TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)



FILE NAME = ...ND160C31-SHT-STAGING109.dgn

USER NAME = gra	DESIGNED - GR	REVISED -
PLOT SCALE = 1/50	DRAWN - GR	REVISED -
PLOT DATE = 12/16/2009	CHECKED - RY	REVISED -
	DATE - 12/18/2009	REVISED -

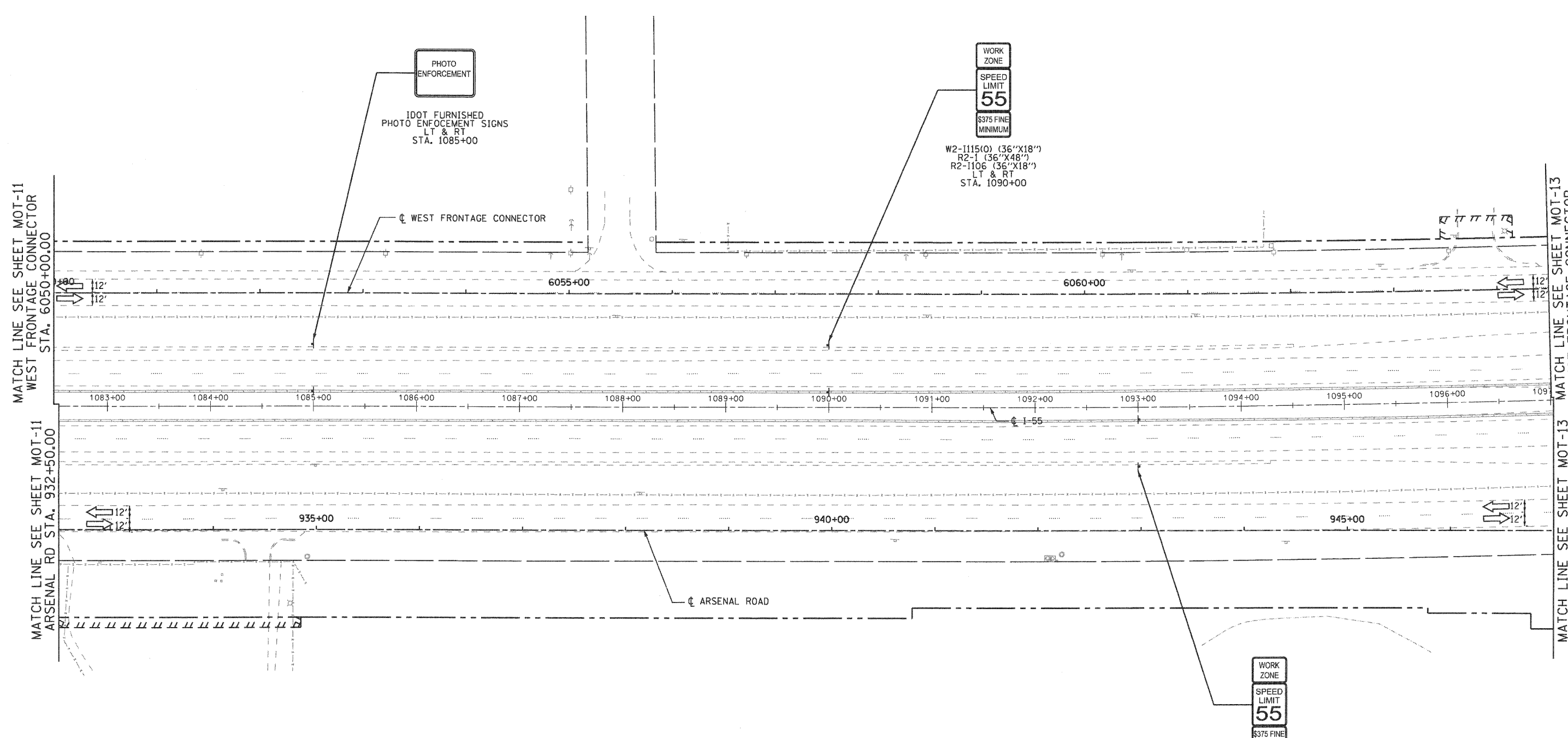
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1**

SCALE: 1"=50' SHEET NO. 9 OF 12 SHEETS STA. TO STA.

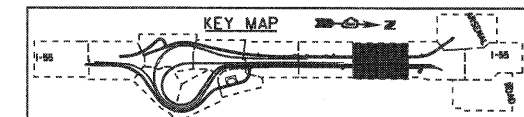
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)-3	WILL	524	97
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

**FINAL**



- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE (CURRENT STAGE)
  - WORK ZONE (CONTD. FROM PREVIOUS STAGE)
  - DIRECTION OF TRAFFIC
  - TYPE II BARRICADES (DRUMS), SPACING AS SHOWN
  - TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
  - TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)

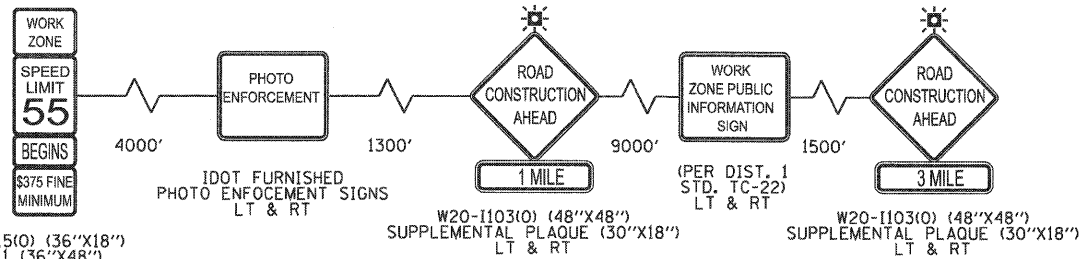
W2-1115(0) (36"X18")  
 R2-1 (36"X48")  
 R2-1106 (36"X18")  
 LT & RT  
 STA. 1093+00



FILE NAME = ...\\D160C31-SHT-STAGING110.dgn	USER NAME = grai	DESIGNED - GR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC STAGE 1</b>			F.A.I. RTE. 55	SECTION (99-1&2)-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 98
	PLOT SCALE = 1/8"=1'-0"	DRAWN - GR	REVISED -		SCALE: 1"=50'	SHEET NO. 10 OF 12 SHEETS	STA.	TO STA.	CONTRACT NO. 60C31		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
	PLOT DATE = 12/16/2009	CHECKED - RY	REVISED -									
		DATE - 12/18/2009	REVISED -									



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Chicago, Illinois 60607



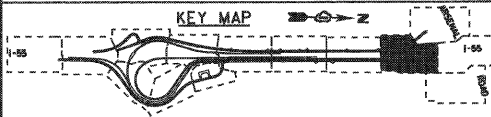
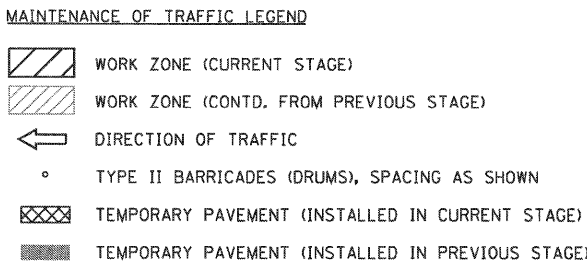
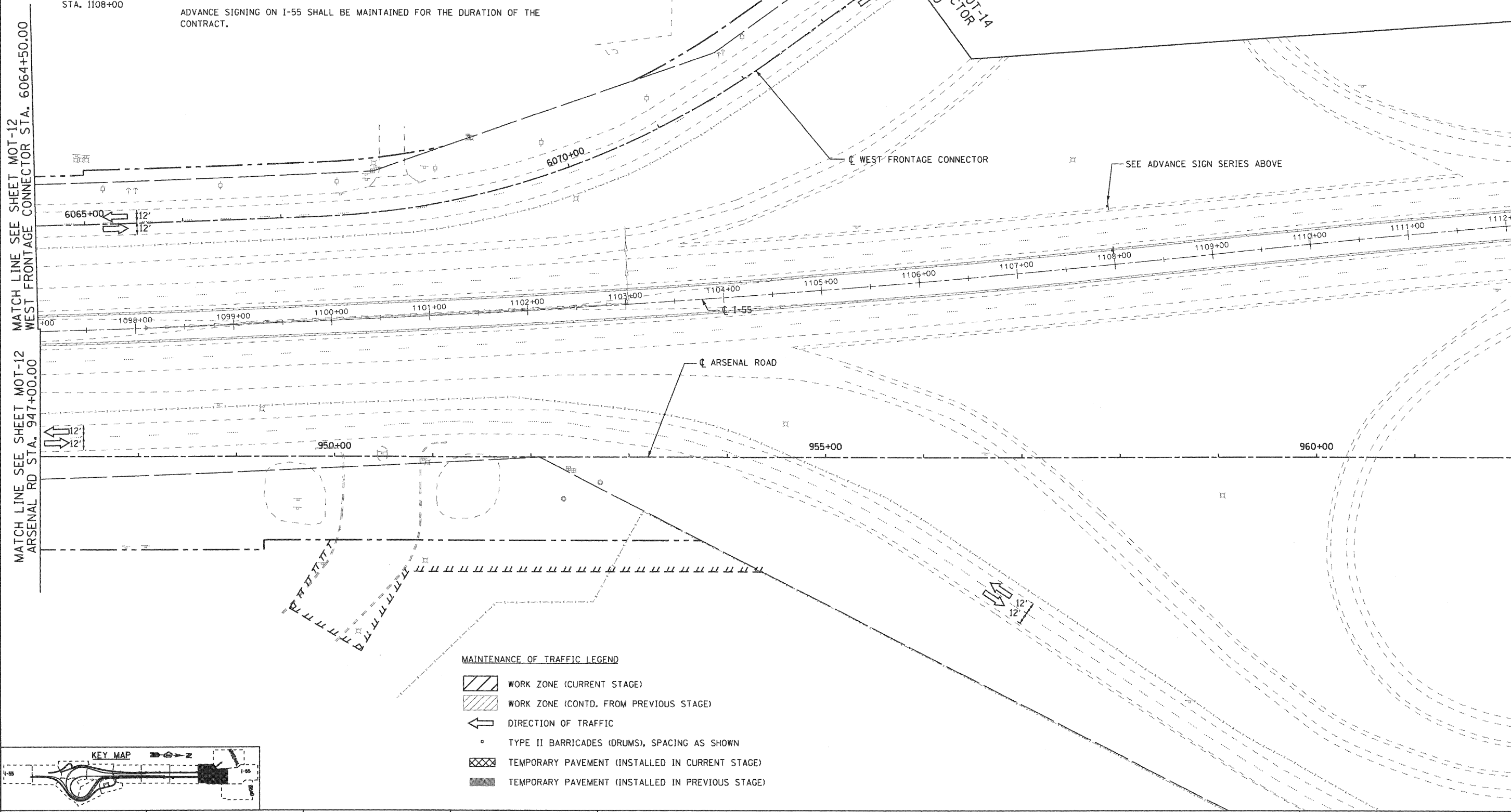
W2-1115(O) (36"X18")  
R2-1 (36"X48")  
W2-1113(O) (36"X12")  
R2-1106 (36"X18")  
LT & RT  
STA. 1108+00

W20-1103(O) (48"X48")  
SUPPLEMENTAL PLAQUE (30"X18")  
LT & RT

(PER DIST. 1  
STD. TC-22)  
LT & RT

W20-1103(O) (48"X48")  
SUPPLEMENTAL PLAQUE (30"X18")  
LT & RT

**NOTE**  
ADVANCE SIGNING ON I-55 SHALL BE MAINTAINED FOR THE DURATION OF THE CONTRACT.



FILE NAME = ...ND160C31-SHT-STAGING111.dgn	USER NAME = gra1	DESIGNED - GR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC STAGE 1</b>		F.A.I. RTE. 55	SECTION (99-1&2)-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 99
PLOT SCALE = 1/50	PLOT DATE = 12/16/2009	DRAWN - GR	REVISED -		SCALE: 1"=50'	SHEET NO. 11 OF 12 SHEETS	STA.	TO STA.		CONTRACT NO. 60C31	
CHECKED - RY	DATE - 12/18/2009	REVISOR -	REVISIONS -		FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT		
					<b>FINAL</b>						

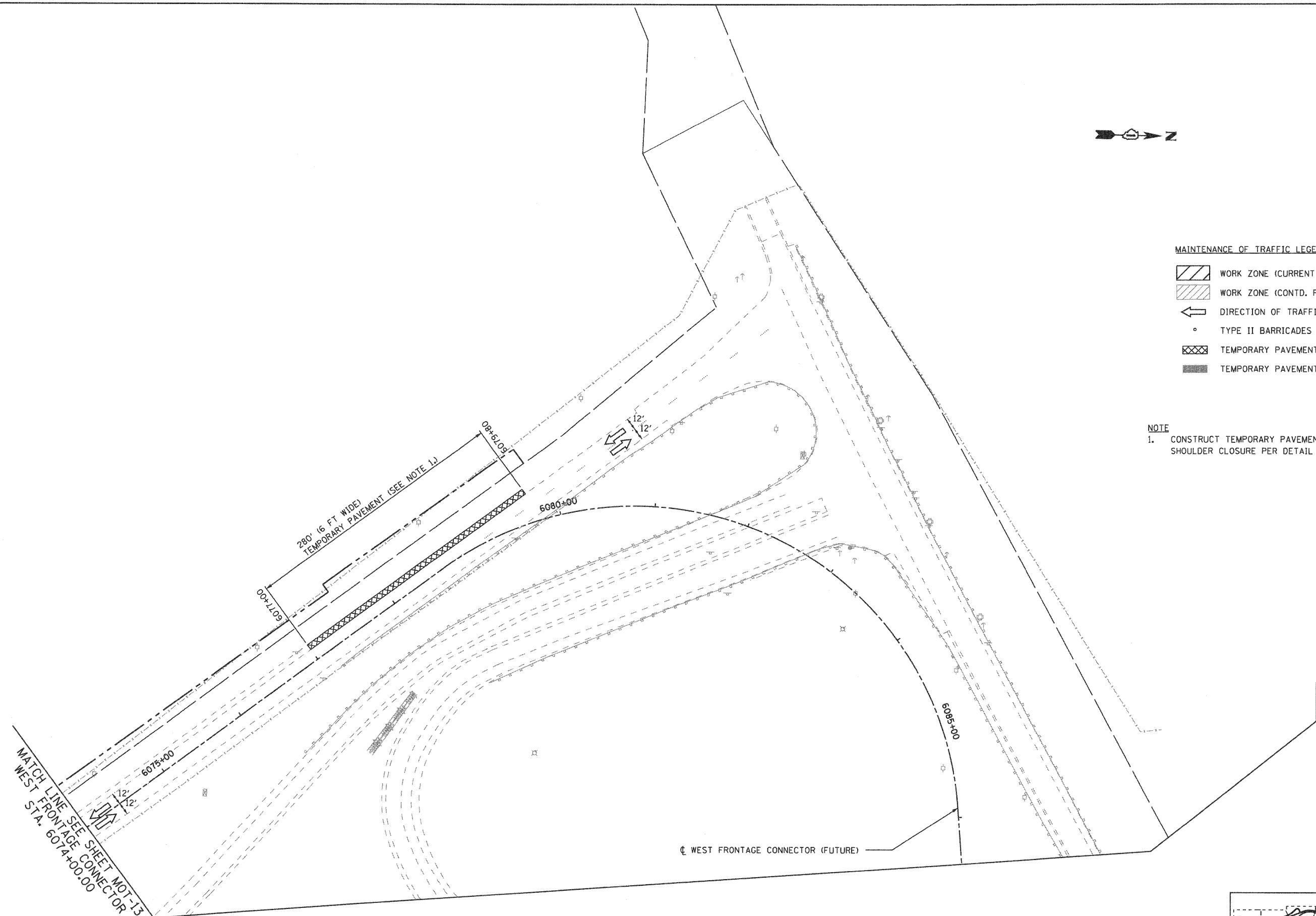


**MAINTENANCE OF TRAFFIC LEGEND**

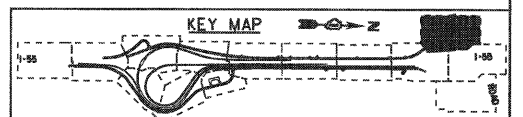
- WORK ZONE (CURRENT STAGE)
- WORK ZONE (CONTD. FROM PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- TYPE II BARRICADES (DRUMS), SPACING AS SHOWN
- TEMPORARY PAVEMENT (INSTALLED IN CURRENT STAGE)
- TEMPORARY PAVEMENT (INSTALLED IN PREVIOUS STAGE)

**NOTE**

1. CONSTRUCT TEMPORARY PAVEMENT USING SHORT-TERM SHOULDER CLOSURE PER DETAIL B (MOT-02).



MATCH LINE - SEE SHEET MOT-13  
 WEST FRONTAGE CONNECTOR  
 STA. 6074+00.00



FILE NAME = ...ND160C31-SHT-STAGING112.dgn	USER NAME = gra1	DESIGNED - GR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC STAGE 1</b>			F.A.I RTE. 55	SECTION (99-1&2)-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 100
	PLOT SCALE = 1:50	DRAWN - GR	REVISED -		SCALE: 1"=50'	SHEET NO. 12 OF 12 SHEETS	STA.	TO STA.	CONTRACT NO. 60C31		FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT	
	PLOT DATE = 12/16/2009	CHECKED - RY	REVISED -									
		DATE - 12/18/2009	REVISED -									

**FINAL**