

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 60F71		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

**I-55 AT ARSENAL ROAD
INTERCHANGE RAMP CONSTRUCTION AND
SHOULDER REHABILITATION**

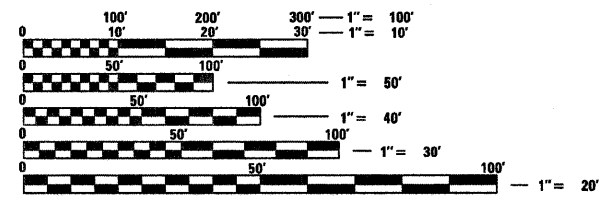
**ROUTE FAI 55 (I-55)
SECTION 99-2HB-2-R
PROJECT: IM-055-6(235)245
WILL COUNTY
C-91-222-09**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION

I-55 SOUTHBOUND 3,480(30) (PRINCIPAL ARTERIAL (URBAN INTERSTATE) (JPCP-30)
I-55 RAMP D 550(30) (PRINCIPAL ARTERIAL (URBAN INTERSTATE) (JPCP-30)
WEST FRONTAGE CONNECTOR 660(30) (URBAN OTHER ARTERIAL (BIT-30))

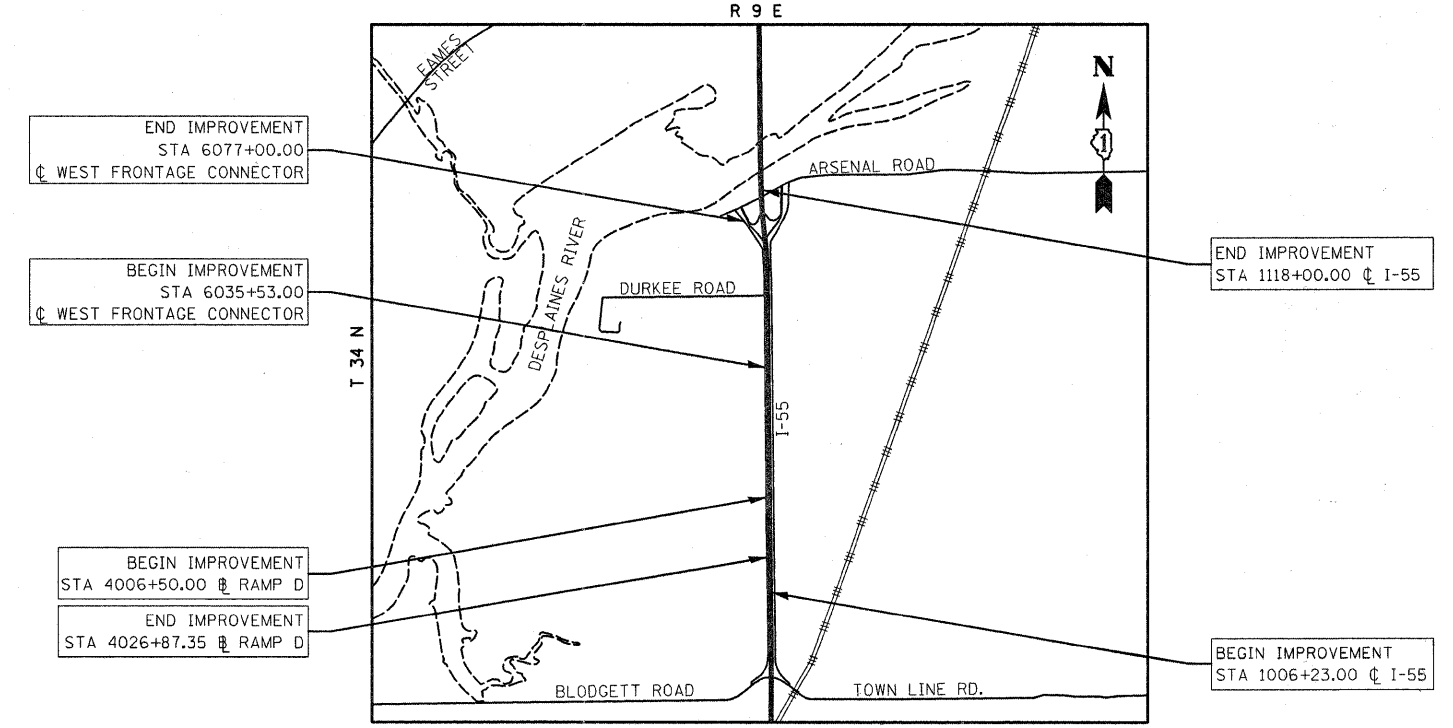
DESIGN SPEED: I-55 = 70 MPH
WEST FRONTAGE CONNECTOR = 50 MPH
RAMP D = 50 MPH



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. 60F71

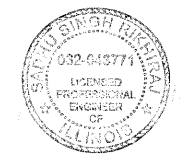


LOCATION MAP
SCALE = 1:2400

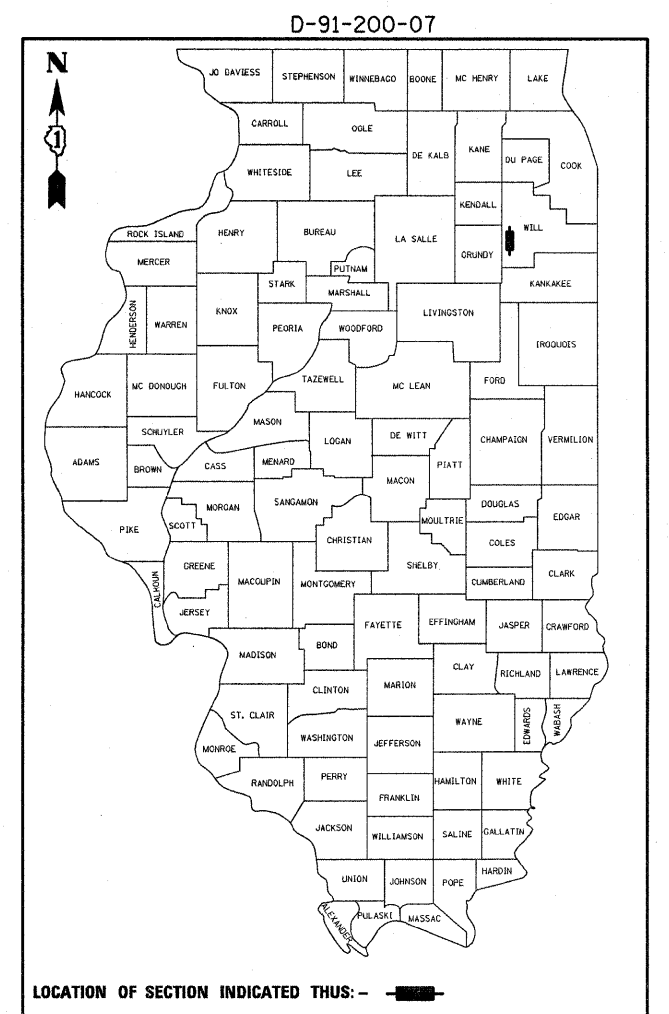
LENGTH OF PROJECT
I-55 = 11,177.00 FT
WEST FRONTAGE CONNECTOR = 4,144.00 FT
RAMP D = 2,037.35 FT
NET LENGTH = 17,358.35 FT



Signature: Alan Swanson
DATE: 3/13/09
NAME: ALAN SWANSON
EXP: 11/30/2009
SHEETS 1-71, 99-171



Signature: S. Rikhiraj
DATE: May 8, 2009
NAME: SADHU SINGH RIKHIRAJ
EXP: 11/30/2009
SHEETS 72-83



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: MARCH 16, 2009
Diane M. O'Keefe, DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 8, 2009
Charles J. Ingersoll, ENGINEER OF DESIGN AND ENVIRONMENT
May 8, 2009
Christine M. Reed, DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

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INDEX OF SHEETS

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HIGHWAY STANDARDS

STANDARD NO.	TITLE
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2m) JOINTED PCC PAVEMENT
420201-07	ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINTED PCC/64 MAINLINE PAVEMENT)
420306-06	EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 375 MM (15") THRU 900 MM (36") DIAMETER AT RIGHT ANGLE WITH ROADWAY
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-02	GRATING FOR CONCRETE FLARED END SECTION (FOR 600 MM (24") THRU 1300 MM (54") PIPE)
601001-03	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAINS
602001-01	CATCH BASIN, TYPE A
602301-02	INLET, TYPE A
602401-02	MANHOLE, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE 8
604091-02	FRAME AND GRATE, TYPE 24
635001-01	DELINEATORS
637001-04	CONCRETE BARRIER, 815 MM (32 IN.) HEIGHT
638001-02	GLARE SCREEN BLADES
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 M (15') AWAY
701101-02	OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701206-02	LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS > 45 MPH
701400-03	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-05	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-05	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
704001-05	TEMPORARY CONCRETE BARRIER
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
635006-03	
635011-02	

FILE NAME = 0168F71-SHT-INDEX01.dgn	USER NAME = TKLuegel	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND HIGHWAY STANDARDS	F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 2		
PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/19/2009	DATE - 03/20/09	REVISED -										
CONTRACT NO. 60F71												

COMMITMENTS

1. THE PROJECT AREA CONTAINS BOTH SENSITIVE PLANT AND ANIMAL SPECIES THAT NEED TO BE AVOIDED DURING CONSTRUCTION. A TRAINING SESSION SHALL BE CONDUCTED BY THE ENGINEER DURING THE PRECONSTRUCTION MEETING TO ALERT PROJECT PERSONNEL ON THE NEED TO AVOID ACCIDENTAL INTRUSIONS OR SPILLS IN THE SENSITIVE AREAS. THE TRAINING SESSION WILL ALSO ADVISE PROJECT PERSONNEL TO AVOID ACCIDENTAL INTRUSIONS OR SPILLS INTO NOTE-WORTHY BOTANICAL AND WETLAND AREAS. ALL SENSITIVE AREAS ARE TO BE FENCED OFF AND CLEARLY MARKED AS SHOWN ON THE EROSION AND SEDIMENT CONTROL DRAWINGS.

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 OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

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	0.08	GAL / SQ YD OR
	0.375	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
TEMPORARY DITCH CHECKS	5	TONS AGGREGATE

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 VANSOIT 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

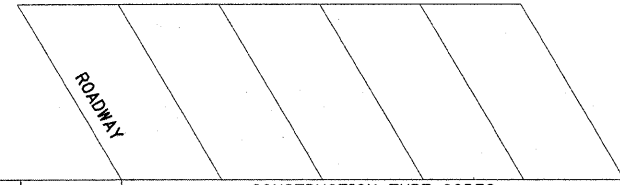
26. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT

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.

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

FILE NAME = D160F71-SHT-GENNOTE.dgn	USER NAME = TKLuegel	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND COMMITMENTS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - TRK/JPW	REVISED -			55	99-2HB-2-R	WILL	171	3	
		CHECKED - DLT	REVISED -			CONTRACT NO. 60F71					
		DATE - 03/20/09	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES			
				J000-2A			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	67	67			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18	18			
20200100	EARTH EXCAVATION	CU YD	2,930	2,930			
20200200	ROCK EXCAVATION	CU YD	25	25			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,365	6,365			
20400800	FURNISHED EXCAVATION	CU YD	115	115			
20800150	TRENCH BACKFILL	CU YD	355.0	355.0			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	62,415	62,415			
25000210	SEEDING, CLASS 2A	ACRE	8.2	8.2			
25000350	SEEDING, CLASS 7	ACRE	4.1	4.1			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,110	1,110			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,110	1,110			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,110	1,110			
25100115	MULCH, METHOD 2	ACRE	0.15	0.15			
25100630	EROSION CONTROL BLANKET	SQ YD	52,305	52,305			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,165	2,165			
28000300	TEMPORARY DITCH CHECKS	EACH	76	76			
28000500	INLET AND PIPE PROTECTION	EACH	27	27			
28000510	INLET FILTERS	EACH	18	18			
28100107	STONE RIPRAP, CLASS A4	SQ. YD.	188	188			
28200200	FILTER FABRIC	SQ. YD.	2,220	2,220			
31102000	SUB-BASE GRANULAR MATERIAL, TYPE C	CU YD	1,092	1,092			
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	3,379	3,379			
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	645	645			
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,516	2,516			
40600300	AGGREGATE (PRIME COAT)	TON	51	51			
40600895	CONSTRUCTING TEST STRIP	EACH	2	2			
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	4,615	4,615			
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	75	75			
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	2,466	2,466			
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	497	497			
42000540	PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	70	70			
42001300	PROTECTIVE COAT	SQ YD	1,802	1,802			
44000100	PAVEMENT REMOVAL	SQ YD	1,015	1,015			
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	20,880	20,880			

• SPECIALTY ITEMS

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

FILE NAME = 0160F71-SHT-S0001.dgn	USER NAME = TKluegel	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 03/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

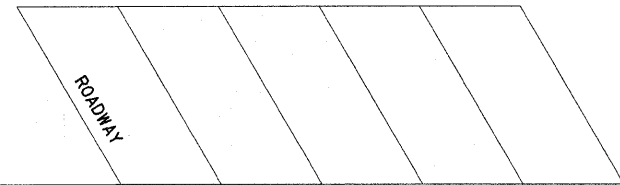
SUMMARY OF QUANTITIES

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

F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 4
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60F71	

Rev.

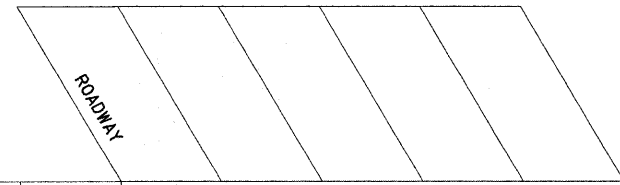
FINAL



CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY		CONSTRUCTION TYPE CODES			
				JO00-2A				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	905	905				
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SR YD	1,000	1,000				
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	29	29				
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SR YD	1,000	1,000				
44001980	CONCRETE BARRIER REMOVAL	FOOT	552	552				
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SR YD	1,000	1,000				
44004250	PAVED SHOULDER REMOVAL	SQ YD	11,305	11,305				
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1,552	1,552				
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	112	112				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,362	1,362				
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1,035	1,035				
48203045	HOT-MIX ASPHALT SHOULDERS, 12"	SQ YD	14,211	14,211				
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SQ YD	282	282				
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	5	5				
54214719	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 24"	EACH	2	2				
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	5	5				
54248130	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 24"	EACH	2	2				
55034300	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 30, RISE 19	FOOT	325	325				
55101200	STORM SEWER REMOVAL 24"	FOOT	101	101				
60107700	PIPE UNDERDRAINS 6"	FOOT	1,766	1,766				
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	18	18				
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	6				
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4	4				
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1	1				
60614600	PAVED DITCH (SPECIAL)	FOOT	365	365				
*63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	67	67				
*63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	1	1				
63200310	GUARDRAIL REMOVAL	FOOT	50	50				
63200400	CABLE ROAD GUARD REMOVAL	FOOT	9,742	9,742				
63500105	DELINEATORS	EACH	92	92				
63700255	CONCRETE BARRIER, DOUBLE FACE, 32 INCH HEIGHT	FOOT	1,739	1,739				
63700900	CONCRETE BARRIER BASE	FOOT	1,739	1,739				
66400105	CHAIN LINK FENCE, 4'	FOOT	865	865				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8				
67100100	MOBILIZATION	L SUM	1	1				
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	16	16				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	27,394	27,394				

* SPECIALTY ITEMS

* Specialty Items



CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES			
				J000-2A			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,288	2,288			
70400600	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	22,700	22,700			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	45,831	45,831			
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	6,230	6,230			
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	9,173	9,173			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	915	915			
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	775	775			
* 78100300	REPLACEMENT REFLECTOR	EACH	630	630			
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	2,000	2,000			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,080	2,080			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	630	630			
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	117	117			
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	108	108			
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	528	528			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	180	180			
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	342	342			
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	179	179			
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	51.4			
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	88	88			
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	5,620	5,620			
X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	1,690	1,690			
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	5	5			
X0324774	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,370	1,370			
X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	2,735	2,735			
X0325333	HIGH TENSION CABLE GUARDRAIL TERMINAL	EACH	1	1			
X0325444	TEMPORARY CONCRETE BARRIER (INSTALL ONLY)	FOOT	22,700	22,700			
X0325567	STABILIZED SUB-BASE 4 1/2"	SQ YD	543	543			
X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	53,881	53,881			
X0325840	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	350	350			
X0325876	WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH	FOOT	4,505	4,505			
X0326107	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH	FOOT	7,050	7,050			
X0712400	TEMPORARY PAVEMENT	SQ YD	3,487	3,487			
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	6	6			
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1			
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	120	120			

* SPECIALTY ITEMS

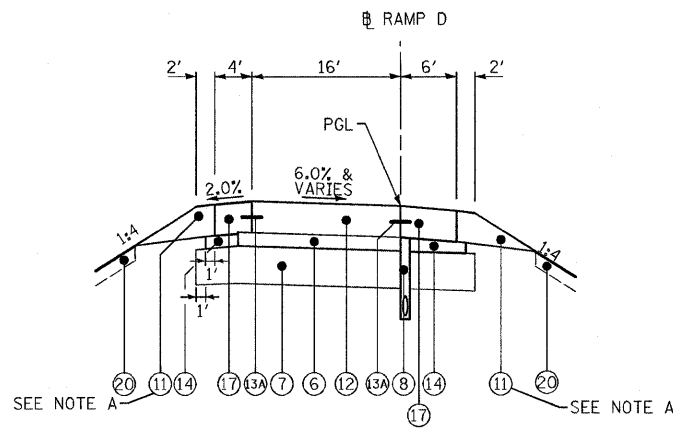
* Specialty Items

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

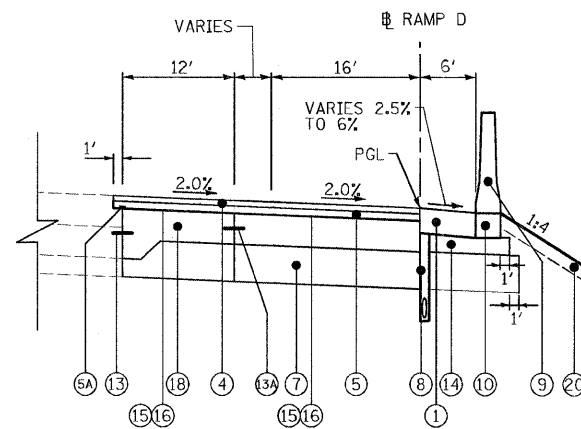
FILE NAME = D160F71-SHT-S0003.dgn	USER NAME = TKluegel	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	55					99-2HD-2-R	WILL	171	6	
PLOT DATE = 3/28/2009	DATE - 03/20/09	REVISED -	SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 60F71		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PROPOSED LEGEND

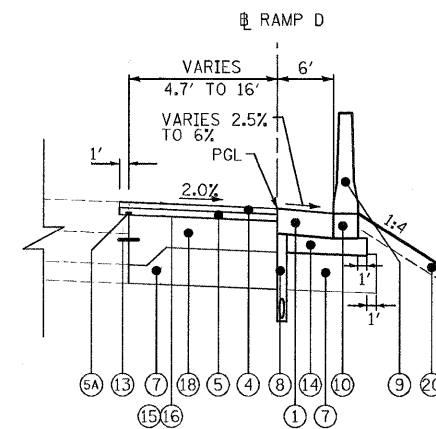
- ① HOT-MIX ASPHALT SHOULDERS, 8"
- ② HOT-MIX ASPHALT SHOULDERS, 12"
- ③ TEMPORARY PAVEMENT
- ④ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE. MIX "F", N90, 1 3/4"
- ⑤ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- ⑤A STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑥ STABILIZED SUBBASE 4 1/2"
- ⑦ AGGREGATE SUBGRADE 12"
- ⑧ PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH (SEE DRAWING DU-11)
- ⑨ CONCRETE BARRIER, DOUBLE FACE, 32 INCH HEIGHT
- ⑩ CONCRETE BARRIER BASE
- ⑪ AGGREGATE SHOULDERS, TYPE B 10"
- ⑫ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ⑬ DRILL AND GROUT NO. 8 TIE BARS AT 24" CTS.
- ⑬A NO. 8 TIE BARS AT 24" CTS.
- ⑭ SUBBASE GRANULAR MATERIAL, TYPE C
- ⑮ BITUMINOUS MATERIALS (PRIME COAT)
- ⑯ AGGREGATE (PRIME COAT)
- ⑰ PORTLAND CEMENT CONCRETE SHOULDERS 10"
- ⑱ PORTLAND CEMENT CONCRETE BASE COURSE 10"
- ⑲ TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A
- ⑳ TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 7
- ㉑ TEMPORARY CONCRETE BARRIER (INSTALL ONLY)
- ㉒ FURNISHED EXCAVATION
- ㉓ AGGREGATE WEDGE SHOULDER, TYPE B
- ㉔ PORTLAND CEMENT CONCRETE PAVEMENT 12"



PROPOSED TYPICAL SECTION - RAMP D
(STA. 4006+50 TO STA. 4009+20.92) RAMP D



PROPOSED TYPICAL HALF SECTION - RAMP D
(STA. 4009+20.92 TO STA. 4018+50) RAMP D



PROPOSED TYPICAL HALF SECTION - RAMP D
(STA. 4018+50 TO STA. 4024+27) RAMP D

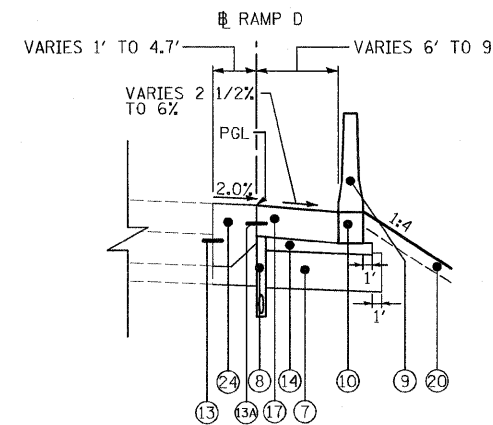
NOTE A: IN AREAS WHERE WEST FRONTAGE ROAD IS TO BE MAINTAINED SUBSTITUTE AGGREGATE SHOULDERS, TYPE B 10" FOR TEMPORARY PAVEMENT.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

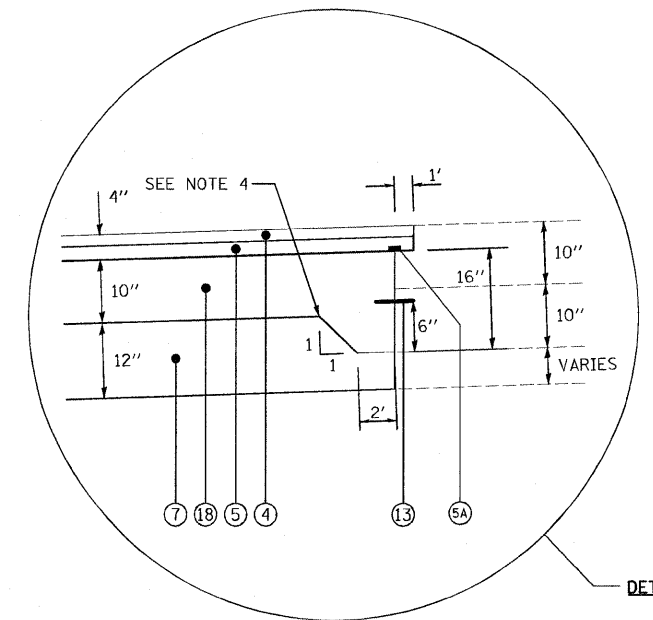
MIXTURE TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SHOULDERS, 8"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 1 3/4"	PG 64-22	4% @ 70 Gyr.
HOT-MIX ASPHALT SHOULDER (HMA BINDER IL-19 mm), 6 1/4"	PG 64-22*	4% @ 70 Gyr.
HOT-MIX ASPHALT SHOULDERS, 12"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 1 3/4"	PG 64-22	4% @ 70 Gyr.
HOT-MIX ASPHALT SHOULDER (HMA BINDER IL-19 mm), 10 1/4"	PG 64-22*	4% @ 70 Gyr.
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm), 1 3/4"	PG 64-22	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 10 1/4"	PG 64-22*	4% @ 50 Gyr.
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE. MIX "F", N90 (IL 9.5 mm), 1 3/4"	SBS/SBR PG 70-22	4% @ 90 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4" TO 4 1/2"	SBS/SBR PG 70-22	4% @ 90 Gyr.
STABILIZED SUBBASE HOT-MIX ASPHALT, BAM, 4 1/2"	PG 64-22*	2% @ 30 Gyr.
DRIVEWAYS		
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm), 8"	PG 64-22*	4% @ 50 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm), 2"	PG 64-22	4% @ 50 Gyr.
PATCHING		
CLASS D PATCHES (HMA BINDER IL-25 mm), 8"	PG 64-22	4% @ 105 Gyr.

SEE NOTE 3

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 2: * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.
- 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: ADDITIONAL CONCRETE SHOWN IN DETAIL "A" SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE BASE COURSE, 10".
- NOTE 5: AFTER HMA SURFACE IS REMOVED IF THE UNDERLYING SHOULDER SHOWS SIGNS OF FAILURE, AT THE DIRECTION OF THE ENGINEER, THE SHOULDER SHALL BE REMOVED AND REPLACED WITH CLASS D PATCHES, 8".



PROPOSED TYPICAL HALF SECTION - RAMP D
(STA. 4024+27 TO STA. 4026+39) RAMP D



DETAIL "A"

EARTHWORK SCHEDULE I-55

BEGIN STATION	END STATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
1006+00.00	1007+00.00	75	175	65	25	40	0
1007+00.00	1008+00.00	19	120	15	0	15	0
1008+00.00	1009+00.00	21	60	20	0	20	0
1009+00.00	1010+00.00	23	60	20	0	20	0
1010+00.00	1011+00.00	23	60	20	0	20	0
1011+00.00	1012+00.00	23	60	20	0	20	0
1012+00.00	1013+00.00	23	60	20	0	20	0
1013+00.00	1014+00.00	23	60	20	0	20	0
1014+00.00	1015+00.00	23	60	20	0	20	0
1015+00.00	1016+00.00	23	60	20	0	20	0
1016+00.00	1017+00.00	23	60	20	0	20	0
1017+00.00	1018+00.00	23	60	20	0	20	0
1018+00.00	1019+00.00	23	30	20	0	20	0
1019+00.00	1020+00.00	23	30	20	0	20	0
1020+00.00	1021+00.00	23	60	20	0	20	0
1021+00.00	1022+00.00	23	60	20	0	20	0
1022+00.00	1023+00.00	23	60	20	0	20	0
1023+00.00	1024+00.00	23	60	20	0	20	0
1024+00.00	1025+00.00	23	60	20	0	20	0
1025+00.00	1026+00.00	23	60	20	0	20	0
1026+00.00	1027+00.00	23	60	20	0	20	0
1027+00.00	1028+00.00	23	60	20	0	20	0
1028+00.00	1029+00.00	23	60	20	0	20	0
1029+00.00	1030+00.00	23	60	20	0	20	0
1030+00.00	1031+00.00	23	60	20	0	20	0
1031+00.00	1032+00.00	23	60	20	0	20	0
1032+00.00	1033+00.00	23	60	20	0	20	0
1033+00.00	1034+00.00	23	60	20	0	20	0
1034+00.00	1035+00.00	23	60	20	0	20	0
1035+00.00	1036+00.00	23	60	20	0	20	0
1036+00.00	1037+00.00	23	60	20	0	20	0
1037+00.00	1038+00.00	23	60	20	0	20	0
1038+00.00	1039+00.00	23	60	20	0	20	0
1039+00.00	1040+00.00	23	60	20	0	20	0
1040+00.00	1041+00.00	23	60	20	0	20	0
1041+00.00	1042+00.00	23	60	20	0	20	0
1042+00.00	1043+00.00	23	60	20	0	20	0
1043+00.00	1044+00.00	23	60	20	0	20	0
1044+00.00	1045+00.00	23	60	20	0	20	0
1045+00.00	1046+00.00	23	60	20	0	20	0
1046+00.00	1047+00.00	23	60	20	0	20	0
1047+00.00	1048+00.00	23	60	20	0	20	0
1048+00.00	1049+00.00	23	60	20	0	20	0
1049+00.00	1050+00.00	23	60	20	0	20	0
1050+00.00	1051+00.00	23	60	20	0	20	0
1051+00.00	1052+00.00	23	65	20	5	15	0
1052+00.00	1053+00.00	23	75	20	10	10	0
1053+00.00	1054+00.00	23	80	20	5	15	0
1054+00.00	1055+00.00	7	20	5	0	5	0
1055+00.00	1056+00.00	16	50	15	0	15	0
1056+00.00	1057+00.00	23	75	20	10	10	0
1057+00.00	1058+00.00	23	75	20	10	10	0
1058+00.00	1059+00.00	23	75	20	10	10	0
1059+00.00	1060+00.00	23	75	20	10	10	0
1060+00.00	1061+00.00	9	30	10	0	10	0
1061+00.00	1062+00.00	14	45	10	5	5	0
1062+00.00	1063+00.00	23	85	20	5	15	0
1063+00.00	1064+00.00	8	25	5	0	5	0
1064+00.00	1065+00.00	15	50	15	5	10	0
1065+00.00	1066+00.00	23	85	20	10	10	0
1066+00.00	1067+00.00	23	80	20	5	15	0
1067+00.00	1068+00.00	23	75	20	5	15	0
1068+00.00	1069+00.00	23	75	20	5	15	0
1069+00.00	1070+00.00	23	75	20	5	15	0
1070+00.00	1070+30.00	23	75	20	5	15	0
1070+30.00	1071+00.00	23	75	20	5	15	0
1071+00.00	1072+00.00	23	75	20	5	15	0
1072+00.00	1073+00.00	23	75	20	5	15	0
1073+00.00	1074+00.00	23	75	20	5	15	0
1074+00.00	1075+00.00	23	75	20	5	15	0
1075+00.00	1075+40.00	23	75	20	5	15	0
1075+40.00	1076+00.00	23	75	20	5	15	0
1076+00.00	1077+00.00	23	75	20	5	15	0
1077+00.00	1077+35.00	23	75	20	5	15	0
1077+35.00	1078+00.00	23	75	20	5	15	0

* ASSUME 15% FOR SHRINKAGE

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

FILE NAME =	USER NAME = TK1uegal
D:\8071-SHT-SCHEDULE01.dgn	
PLOT SCALE = 1:50	
PLOT DATE = 3/19/2009	

DESIGNED - TRK	REVISED -
DRAWN - TRK	REVISED -
CHECKED - DLT	REVISED -
DATE - 03/20/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	10
CONTRACT NO.			60F71	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL

EARTHWORK SCHEDULE I-55

BEGIN STATION	END STATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
1078+00.00	1079+00.00	23	75	20	5	15	0
1079+00.00	1080+00.00	19	75	15	5	10	0
1080+00.00	1081+00.00	5	20	5	0	5	0
1081+00.00	1082+00.00	11	50	10	0	10	0
1082+00.00	1083+00.00	15	75	15	5	10	0
1083+00.00	1084+00.00	15	50	15	10	5	0
1084+00.00	1085+00.00	15	20	15	10	5	0
1085+00.00	1086+00.00	15	10	15	5	10	0
1086+00.00	1087+00.00	15	0	15	0	15	0
1087+00.00	1088+00.00	15	0	15	0	15	0
1088+00.00	1089+00.00	15	20	15	0	15	0
1089+00.00	1090+00.00	17	40	15	0	15	0
1090+00.00	1091+00.00	21	40	20	0	20	0
1091+00.00	1092+00.00	23	40	20	0	20	0
1092+00.00	1093+00.00	23	40	20	0	20	0
1093+00.00	1094+00.00	23	40	20	0	20	0
1094+00.00	1095+00.00	23	40	20	0	20	0
1095+00.00	1096+00.00	23	40	20	0	20	0
1096+00.00	1096+30.00	19	40	15	0	15	0
1096+30.00	1097+00.00	15	20	15	0	15	0
1097+00.00	1098+00.00	15	0	15	0	15	0
1098+00.00	1099+00.00	17	0	15	0	15	0
1099+00.00	1100+00.00	19	0	15	0	15	0
1100+00.00	1101+00.00	19	20	15	0	15	0
1101+00.00	1102+00.00	19	40	15	0	15	0
1102+00.00	1103+00.00	10	20	10	0	10	0
1103+00.00	1104+00.00	0	0	0	0	0	0
1104+00.00	1105+00.00	0	0	0	0	0	0
1105+00.00	1106+00.00	0	0	0	0	0	0
1106+00.00	1107+00.00	0	0	0	0	0	0
1107+00.00	1108+00.00	0	0	0	0	0	0
1108+00.00	1109+00.00	0	0	0	0	0	0
1109+00.00	1110+00.00	0	0	0	0	0	0
1110+00.00	1111+00.00	0	0	0	0	0	0
1111+00.00	1112+00.00	0	0	0	0	0	0
1112+00.00	1113+00.00	0	0	0	0	0	0
1113+00.00	1114+00.00	0	0	0	0	0	0
1114+00.00	1115+00.00	0	0	0	0	0	0
1115+00.00	1116+00.00	0	0	0	0	0	0
1116+00.00	1117+00.00	0	0	0	0	0	0
1117+00.00	1118+00.00	0	0	0	0	0	0
1118+00.00	1119+00.00	0	0	0	0	0	0
SUB TOTAL		2,151	5,670	1,885	225	1,660	0

* ASSUME 15% FOR SHRINKAGE

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

FILE NAME = D160F71-SHT-SCHEDULE02.dgn	USER NAME = TK\uegal	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
PLOT SCALE = 1:50		CHECKED - DLT	REVISED -
PLOT DATE = 3/19/2009		DATE - 03/20/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	11
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL

EARTHWORK SCHEDULE RAMP D

BEGIN STATION	END STATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
4006+00.00	4006+50.00	5	15	5	25	-20	0
4006+50.00	4007+00.00	75	70	65	75	-10	0
4007+00.00	4008+00.00	284	200	240	150	90	0
4008+00.00	4009+00.00	175	130	150	105	45	0
4009+00.00	4010+00.00	30	35	25	55	-30	0
4010+00.00	4010+75.05	0	0	0	0	0	0
SUB TOTAL		569	450	485	410	75	0

EARTHWORK SCHEDULE WEST FRONTAGE ROAD

BEGIN STATION	END STATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
6067+00.00	6068+00.00	0	0	0	0	0	0
6068+00.00	6068+15.00	25	10	20	10	10	0
6068+15.00	6069+00.00	4	0	5	0	5	0
6069+00.00	6070+00.00	21	35	20	20	0	0
6070+00.00	6071+00.00	23	80	20	55	-35	0
6071+00.00	6072+00.00	21	65	20	65	-45	0
6072+00.00	6073+00.00	23	40	20	50	-30	0
6073+00.00	6074+00.00	21	15	20	30	-10	0
6074+00.00	6075+00.00	19	0	15	30	-15	0
6075+00.00	6076+00.00	17	0	15	40	-25	0
6076+00.00	6077+00.00	17	0	15	40	-25	0
6077+00.00	6078+00.00	19	0	15	35	-20	0
SUB TOTAL		210	245	185	375	-190	0

EARTHWORK SUMMARY

DESCRIPTION	QUANTITY	UNIT
EARTH EXCAVATION	2,930	CU YD
FURNISHED EXCAVATION	115	CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	6,365	CU YD
ROCK EXCAVATION	25	CU YD

NOTES:

- ROCK EXCAVATION HAS BEEN INCLUDED FOR THE INSTALLATION OF THE PROPOSED STORM SEWER.
- TOP SOIL REMOVAL IS INCLUDED IN REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

* ASSUME 15% FOR SHRINKAGE

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

FILE NAME = D:\68771-SHT-SCHEDULE\03.dgn	USER NAME = TKluogal	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - TRK	REVISED -		SCALE: NONE	SHEET NO. 3 OF 4 SHEETS	STA.	TO STA.	55	99-2HB-2-R	WILL	171	12
		CHECKED - DLT	REVISED -					CONTRACT NO. 60F71					
		DATE - 03/20/09	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

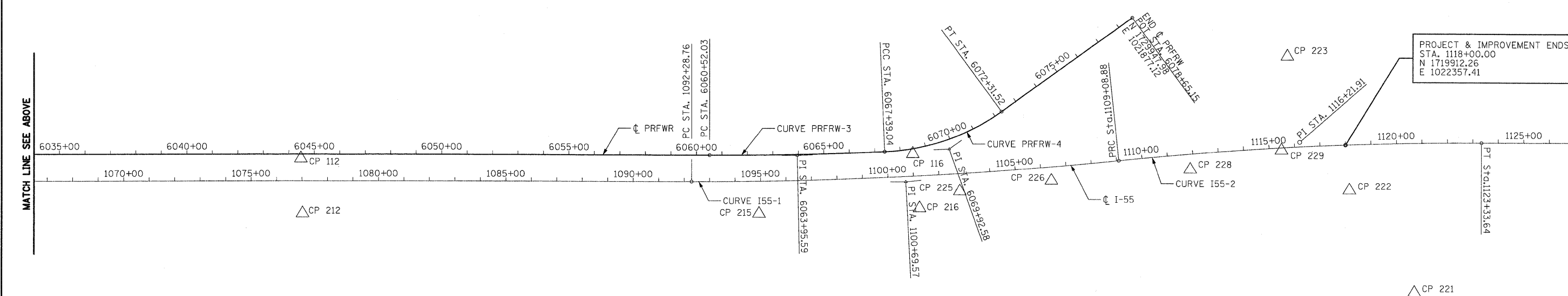
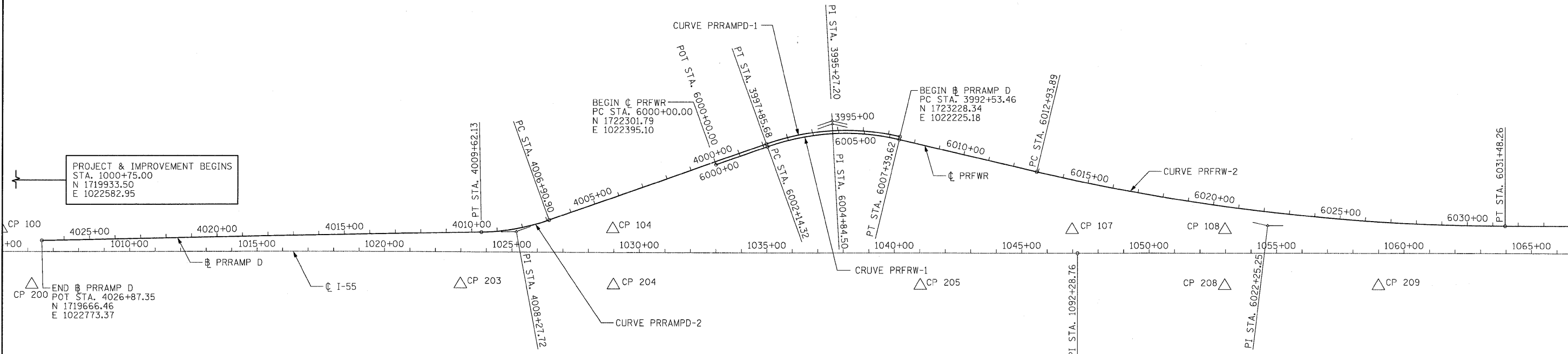
FINAL

EROSION CONTROL SCHEDULE I-55

	25100115	25100630	28000250	28000300	28000500	28000510	66400105	X0323426	X0323973	X0323974	X0324045	X0324774	X0324775	28100107
	MULCH, METHOD 2	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION	INLET FILTERS	CHAIN LINK FENCE, 4'	SÉDIMENT CONTROL, DRAINAGE STRUCTURE	SEDIMENT CONTROL, SILT FENCE	SEDIMENT CONTROL, SILT FENCE	SEDIMENT CONTROL, STABILIZED CONSTRUCTION	SEDIMENT CONTROL, STABILIZED CONSTRUCTION	SEDIMENT CONTROL, STABILIZED CONSTRUCTION	STONE RIPRAP, CLASS A4
	ACRE	SQ YD	POUND	EACH	EACH	EACH	FOOT	EACH	FOOT	FOOT	EACH	SQ YD	SQ YD	SQ YD
SHEET														
EC-1	-	4,517	187	10	-	3	44	15	-	-	3	969	1,938	-
EC-2	-	9,302	384	18	5	5	741	25	959	288	-	-	-	-
EC-3	-	5,590	231	5	3	-	-	-	201	60	-	-	-	-
EC-4	-	3,711	153	3	-	-	-	-	-	-	-	-	-	43
EC-5	-	4,543	188	4	3	-	-	-	63	19	-	-	-	-
EC-6	-	6,546	271	7	7	-	-	-	1,283	385	-	-	-	-
EC-7	-	6,792	281	10	2	-	-	-	1,352	406	-	-	-	-
EC-8	-	5,169	214	8	3	3	-	15	894	268	1	182	364	-
EC-9	-	750	31	3	-	-	-	-	350	105	-	-	-	-
EC-10	-	626	26	1	1	5	-	25	-	-	-	90	179	-
SUB-TOTAL	-	47,550	1,965	69	24	16	785	80	5,105	1,535	4	1,245	2,485	45
AT THE ENGINEER'S DISCRETION	0.15	4,755	200	7	3	2	80	8	515	155	1	125	250	5
GRAND TOTAL	0.15	52,305	2,165	76	27	18	865	88	5,620	1,690	5	1,370	2,735	50

	28200200
	FILTER FABRIC
	SQ YD
SHEET	
EC-1	-
EC-2	-
EC-3	-
EC-4	43
EC-5	-
EC-6	-
EC-7	-
EC-8	-
EC-9	-
EC-10	-
SUB-TOTAL	45
AT THE ENGINEER'S DISCRETION	5
GRAND TOTAL	50

FILE NAME = D:\60F71-SHT-SCHEDULE04.dgn	USER NAME = jletour	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 13	
PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	SCALE: NONE			SHEET NO. 4 OF 4 SHEETS	STA. TO STA.	CONTRACT NO. 60F71		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
PLOT DATE = 4/14/2009	DATE - 03/20/09	REVISED -									



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

FILE NAME = D160F71-SHT-ATB01.dgn	USER NAME = TKluegel	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 03/20/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS	
SCALE: 1"=200'	SHEET NO. 1 OF 7 SHEETS
STA. _____	TO STA. _____

F.A.T. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 14
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F71	

FINAL

CURVE PRFRW-1

P.I. STATION 6004+84.50 N 1,722,753.10 E 1,022,218.86
 DELTA = 33° 02' 16.29" (RT)
 DEGREE = 6° 17' 21.58"
 TANGENT = 270.18'
 LENGTH = 525.30'
 RADIUS = 911.00'
 EXTERNAL = 39.22'
 LONG CHORD = 518.05'
 MID. ORD. = 37.60'
 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
 C.C. N 1,722,832.81 E 1,023,165.73

CURVE PRRAMPD-1

P.I. STATION 3995+27.20 N 1,722,752.05 E 1,022,206.39
 DELTA = 33° 02' 16.29" (LT)
 DEGREE = 6° 12' 27.22"
 TANGENT = 273.74'
 LENGTH = 532.22'
 RADIUS = 923.00'
 EXTERNAL = 39.74'
 LONG CHORD = 524.88'
 MID. ORD. = 38.10'
 P.C. STATION 3992+53.46 N 1,723,020.09 E 1,022,261.93
 P.T. STATION 3997+85.68 N 1,722,497.06 E 1,022,305.96
 C.C. N 1,722,832.81 E 1,023,165.73

CURVE PRFRW-2

P.I. STATION 6022+25.25 N 1,724,472.38 E 1,022,575.12
 DELTA = 13° 16' 51.39" (LT)
 DEGREE = 0° 42' 58.31"
 TANGENT = 931.36'
 LENGTH = 1,854.37'
 RADIUS = 8,000.00'
 EXTERNAL = 54.03'
 LONG CHORD = 1,850.22'
 MID. ORD. = 53.67'
 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
 C.C. N 1,725,183.61 E 1,014,552.55

CURVE PRRAMPD-2

P.I. STATION 4008+27.72 N 1,721,526.41 E 1,022,685.01
 DELTA = 18° 36' 40.15" (RT)
 DEGREE = 6° 51' 42.37"
 TANGENT = 136.82'
 LENGTH = 271.23'
 RADIUS = 835.00'
 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
 C.C. N 1,721,350.12 E 1,021,857.44
 S.E. IN = STA. 4005+63 TO STA. 4007+55
 SE OUT = STA. 4008+34 TO STA. 4010+26

CURVE PRFRW-3

P.I. STATION 6063+95.59 N 1,728,649.49 E 1,022,460.32
 DELTA = 2° 26' 41.57" (LT)
 DEGREE = 0° 21' 21.15"
 TANGENT = 343.56'
 LENGTH = 687.01'
 RADIUS = 16,100.00'
 EXTERNAL = 3.67'
 LONG CHORD = 686.95'
 MID. ORD. = 3.66'
 P.C. STATION 6060+52.03 N 1,728,306.06 E 1,022,469.76
 P.T. STATION 6067+39.04 N 1,728,992.20 E 1,022,436.24
 C.C. N 1,727,863.77 E 1,006,375.83

CURVE I55CL-1

P.I. STATION 1100+69.57 N 1,729,078.27 E 1,022,555.65
 DELTA = 5° 56' 09.67" (LT)
 DEGREE = 0° 21' 11.92"
 TANGENT = 840.8100'
 LENGTH = 1,680.1155'
 RADIUS = 16,216.8500'
 EXTERNAL = 21.7825'
 LONG CHORD = 1,679.3642'
 MID. ORD. = 21.7533'
 P.C. STATION 1092+28.76 N 1,728,237.79 E 1,022,579.17
 P.R.C. STATION 1109+08.88 N 1,729,911.82 E 1,022,445.34
 C.C. N 1,727,784.1697 E 1,006,368.6671

CURVE PRFRW-4

P.I. STATION 6069+92.58 N 1,729,245.12 E 1,022,418.47
 DELTA = 33° 35' 03.25" (LT)
 DEGREE = 6° 49' 10.03"
 TANGENT = 253.54'
 LENGTH = 492.48'
 RADIUS = 840.18'
 EXTERNAL = 37.42'
 LONG CHORD = 485.46'
 MID. ORD. = 35.83'
 P.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
 C.C. N 1,728,933.31 E 1,021,598.12

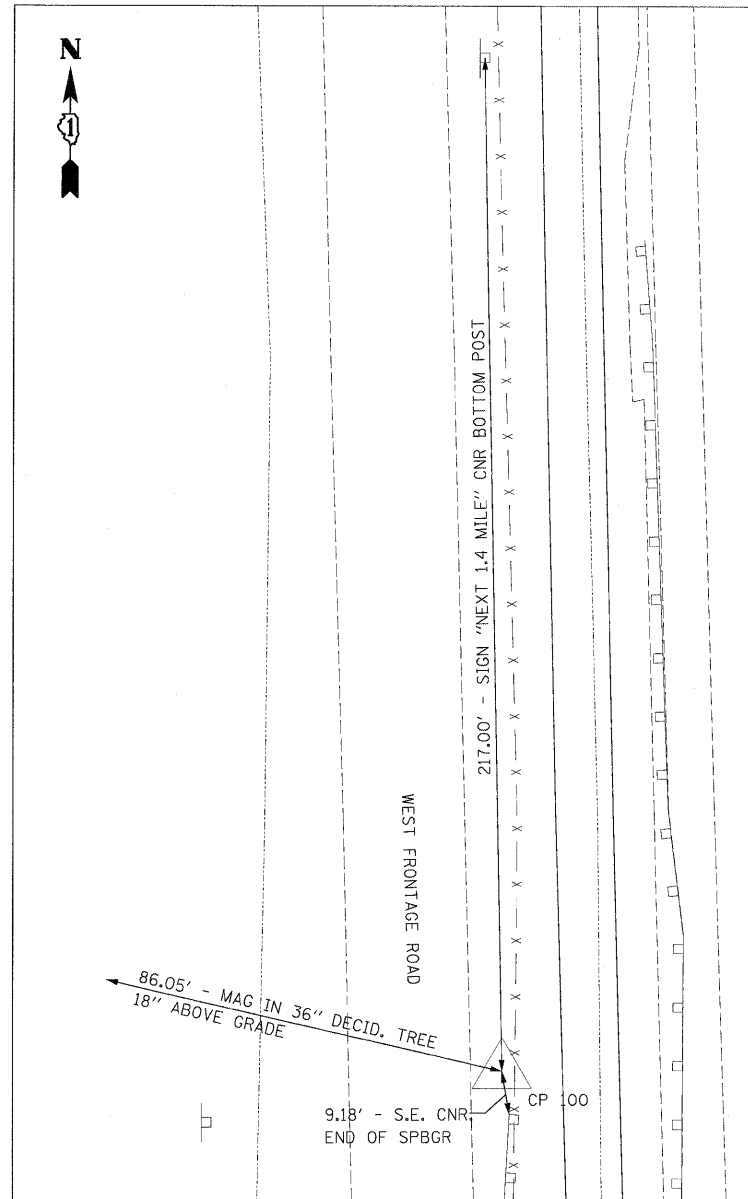
CURVE I55CL-2

P.I. STATION 1116+21.91 N 1,730,618.69 E 1,022,351.79
 DELTA = 5° 59' 50.91" (RT)
 DEGREE = 0° 25' 15.40"
 TANGENT = 713.0353'
 LENGTH = 1,424.7682'
 RADIUS = 13,611.2610'
 EXTERNAL = 18.6636'
 LONG CHORD = 1,424.1178'
 MID. ORD. = 18.6381'
 P.C. STATION 1109+08.88 N 1,729,911.82 E 1,022,445.34
 P.R.C. STATION 1123+33.64 N 1,731,331.47 E 1,022,332.61
 C.C. N 1,731,697.6112 E 1,035,938.9424

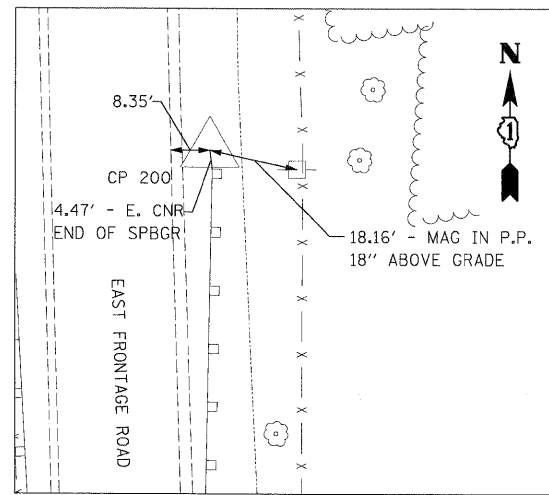
McDonough Associates Inc.
 Engineers / Architects
 180 East Randolph Street Chicago, Illinois 60601

FILE NAME = D:\6071-SHT-ATB02.dgn	USER NAME = TKLuaga1	DESIGNED - TRK	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES, AND BENCHMARKS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TRK	REVISOR -		SCALE: NONE	SHEET NO. 2 OF 7 SHEETS	STA.	TO STA.	55	99-2HB-2-R	WILL	171	15
		CHECKED - DLT	REVISOR -						CONTRACT NO. 60F71				
		DATE - 03/20/09	REVISOR -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

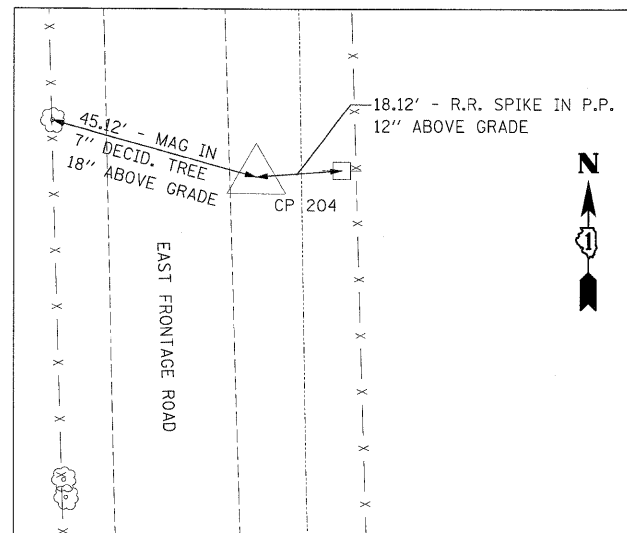
FINAL



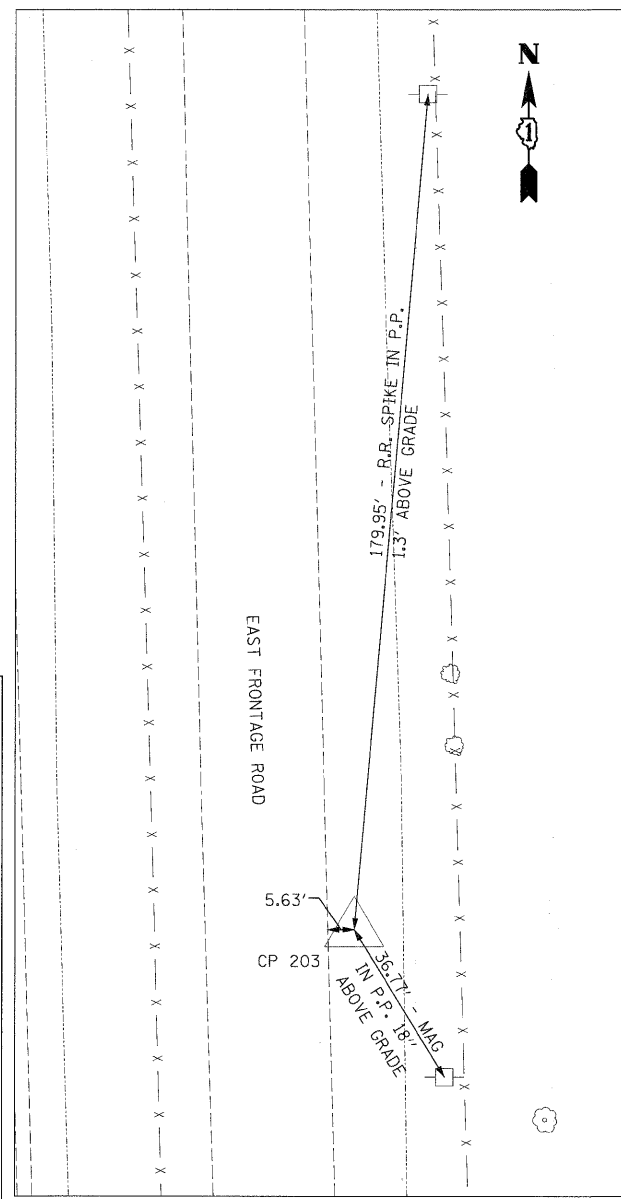
CP 100
 N 1719505.47
 E 1022731.40
 STA 5972+45.40
 OFF 19.66' RT
 ELEV 519.86



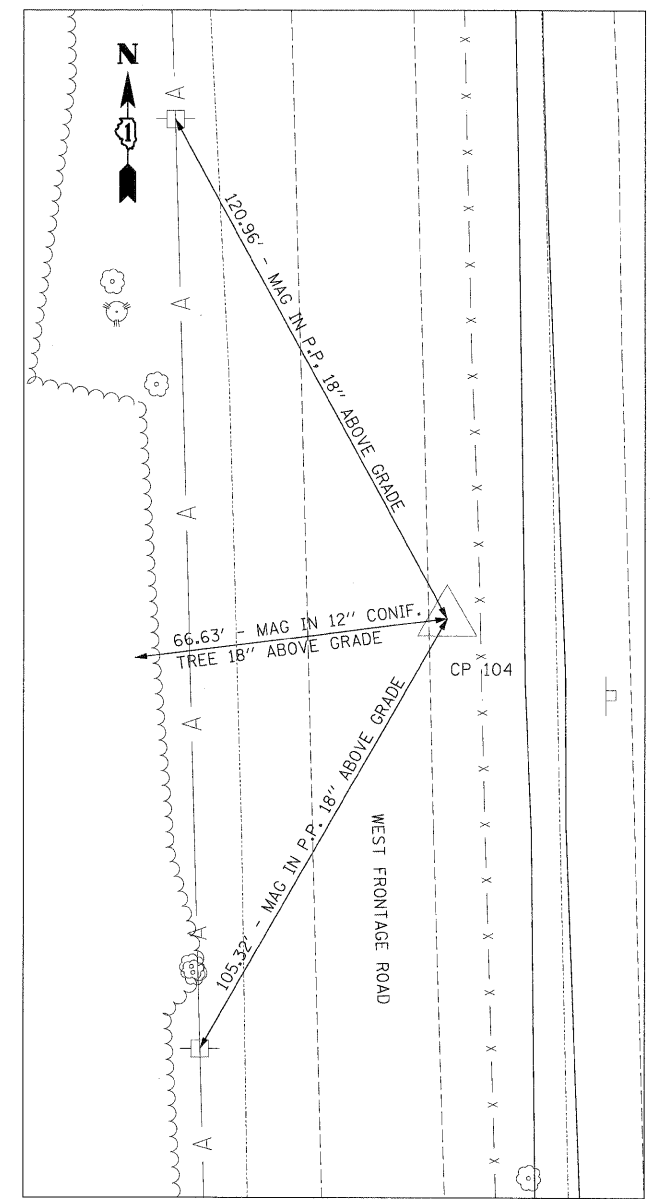
N: 1719631.86
 E: 1022949.65
 STA: 856+85.98
 OFF: 21.54' RT
 ELEV: 518.31
CP 200



N 1721913.30
 E 1022884.65
 STA 879+68.30
 OFF 18.89' RT
 ELEV 531.90
CP 204



N 1721313.17
 E 1022900.33
 STA 873+69.97
 OFF 18.04' RT
 ELEV 530.15
CP 203



N 1721904.47
 E 1022663.03
 STA 5996+45.37
 OFF 16.96' RT
 ELEV 530.11
CP 104

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 CONTRACATOR'S GATE A ON E SIDE OF E FRONTAGE ROAD. ELEV=543.997				

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

FILE NAME =	USER NAME = TKLuegel	DESIGNED - TRK	REVISED -
D160P71-SHT-AT803.dgn		DRAWN - TRK	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 03/20/09	REVISED -

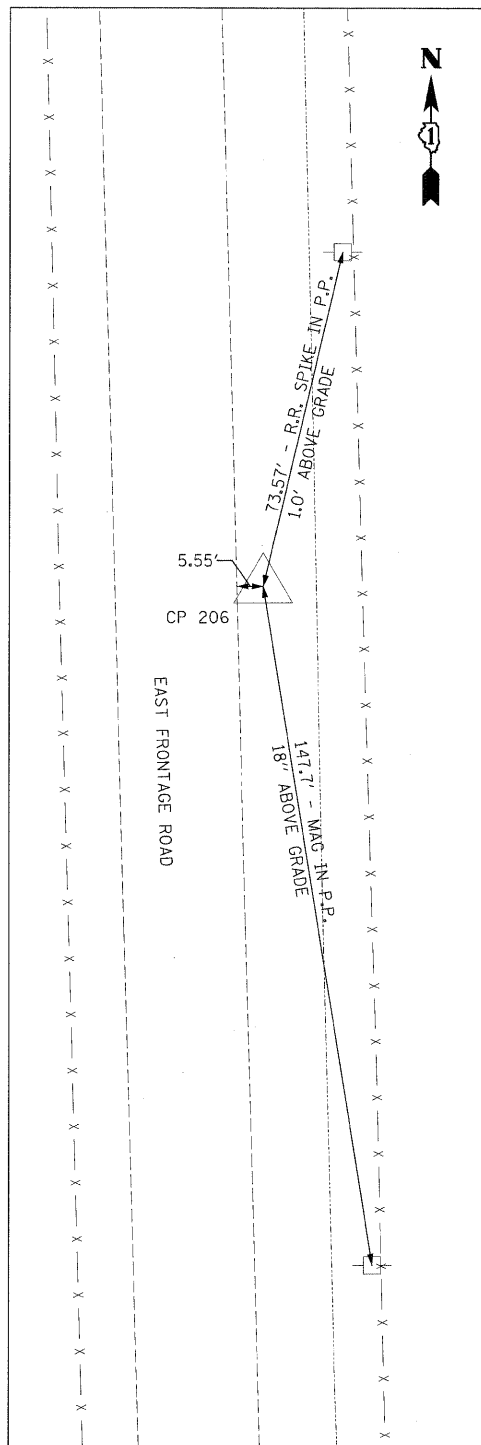
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1"=20' SHEET NO. 3 OF 7 SHEETS STA. TO STA.

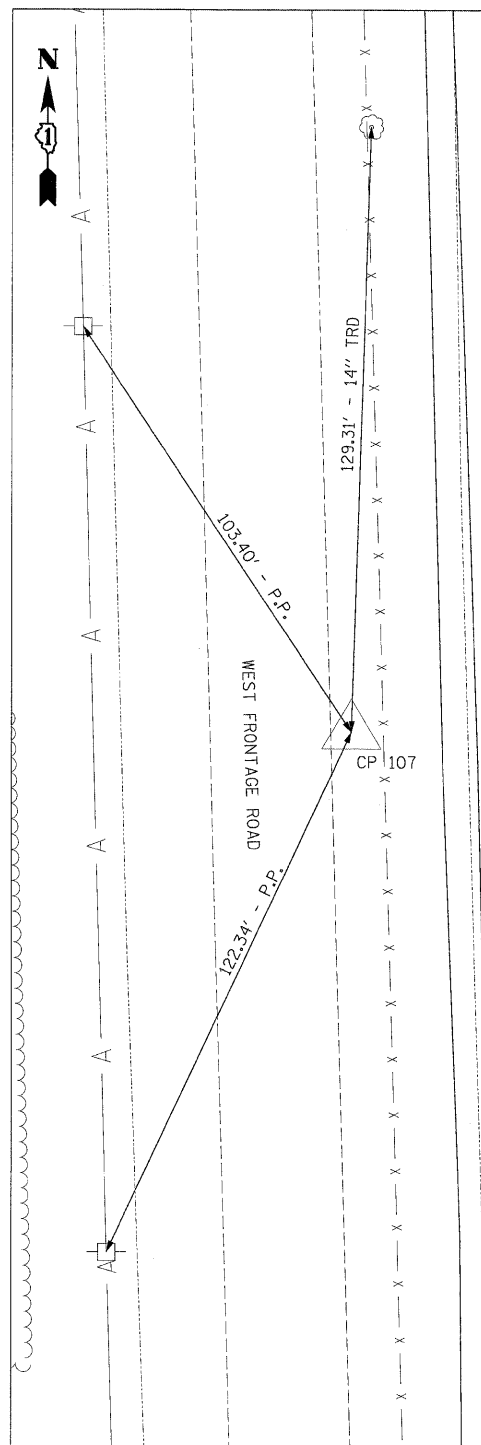
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	16
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



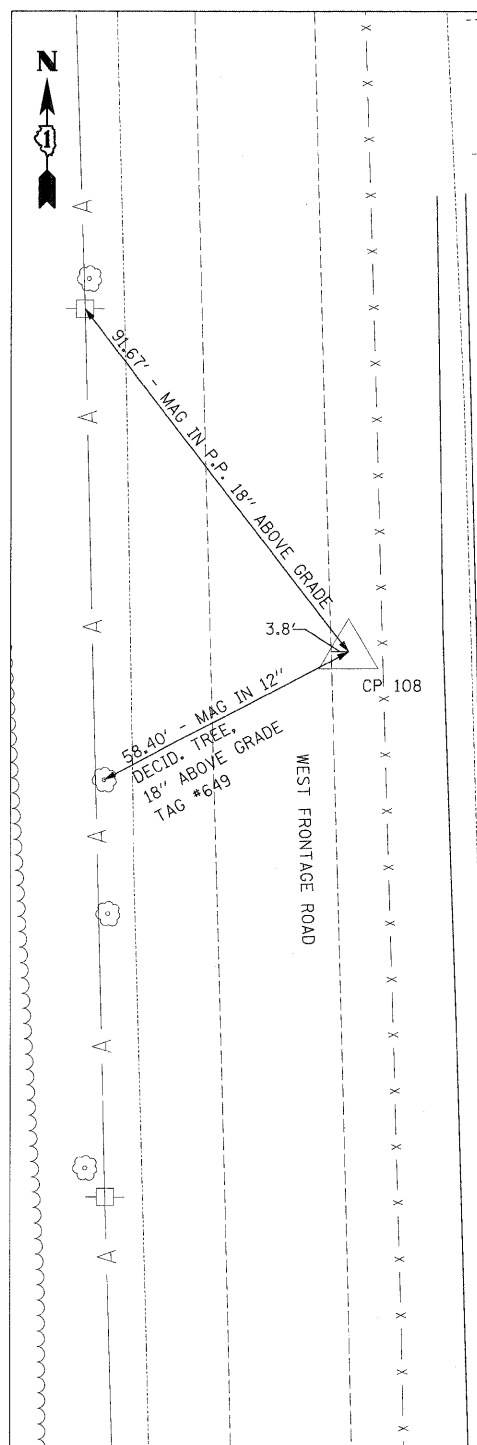
CP 206

N 1723116.51
 E 1022851.09
 STA 891+71.97
 OFF 18.93' RT
 ELEV 533.91



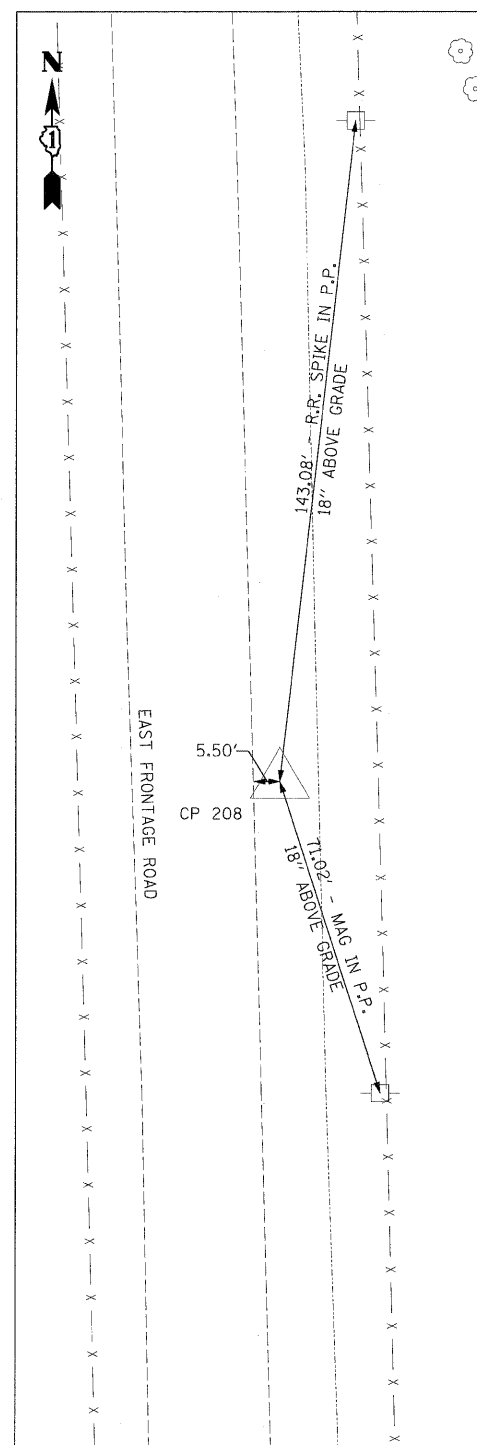
CP 107

N 1723719.78
 E 1022834.12
 STA 897+75.48
 OFF 19.00' RT
 ELEV 535.50



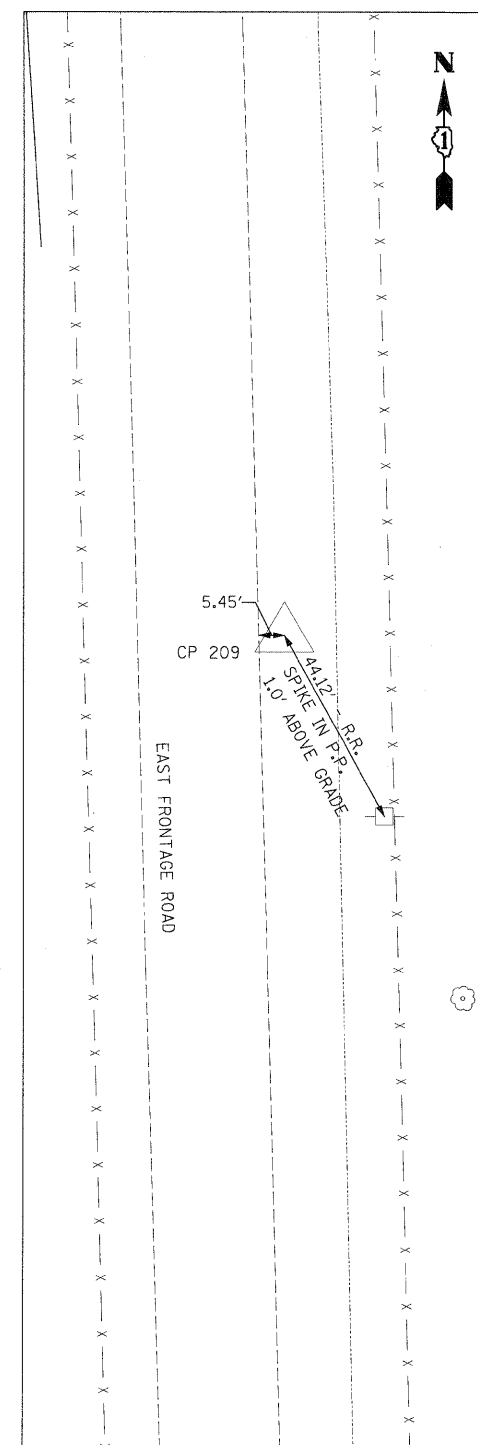
CP 108

N 1724305.65
 E 1022596.44
 STA 6020+47.46
 OFF 17.17' RT
 ELEV 535.56



CP 208

N 1724310.94
 E 1022818.13
 STA 903+66.86
 OFF 19.71' RT
 ELEV 535.22



CP 209

N 1724913.70
 E 1022801.02
 STA 909+69.85
 OFF 19.62' RT
 ELEV 535.74

FILE NAME =
 D160F71-SHT-ATB04.dgn

USER NAME = TKluegel
 PLOT SCALE = 1:20
 PLOT DATE = 3/20/2009

DESIGNED - TRK
 DRAWN - TRK
 CHECKED - DLT
 DATE - 03/20/09

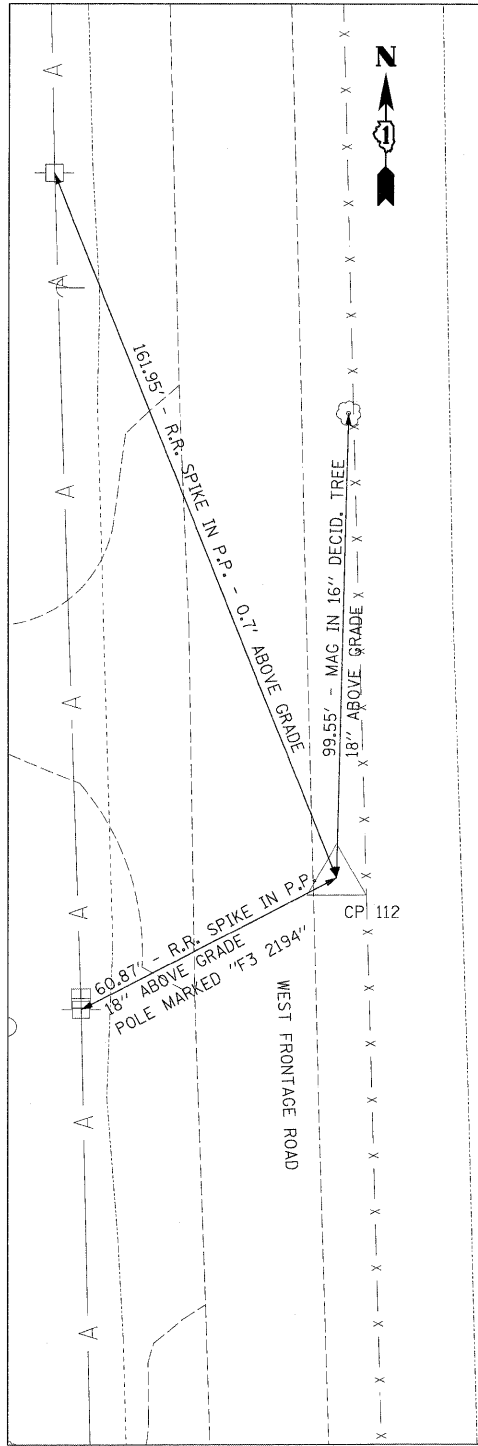
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENTS, TIES, AND BENCHMARKS

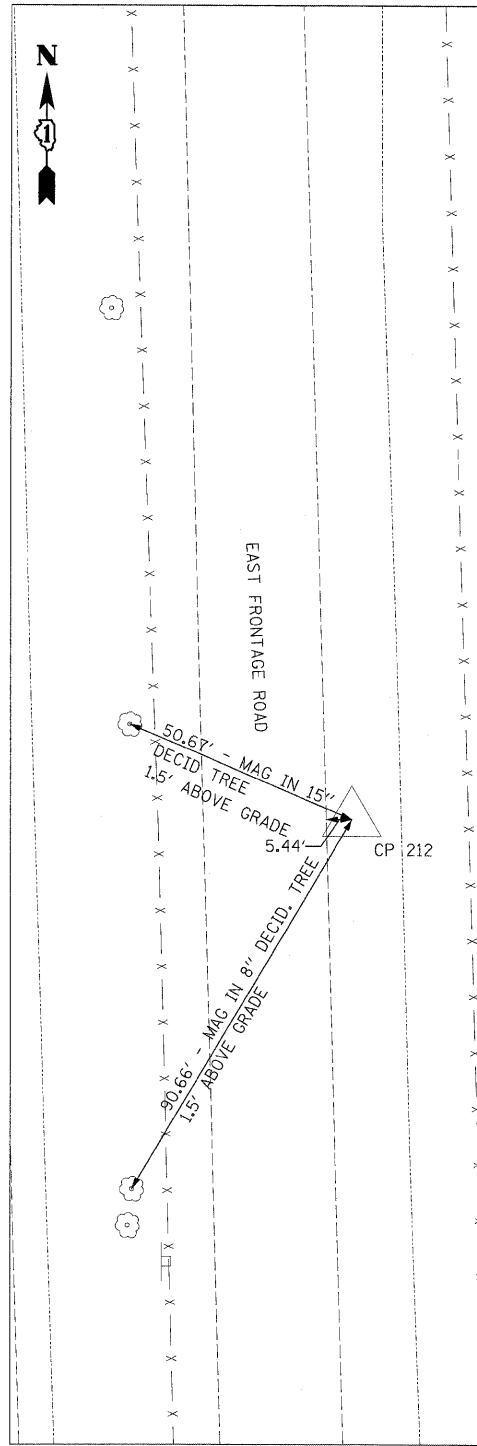
SCALE: 1"=20' SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	17
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



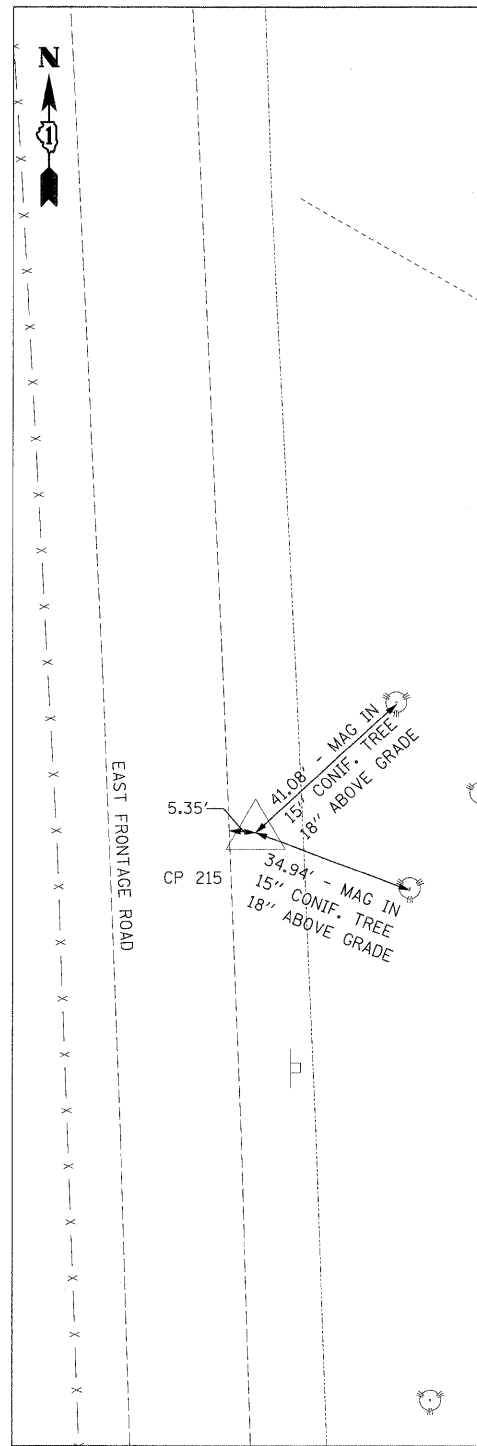
CP 112

N 172602.46
 E 1022531.24
 STA 6044+45.16
 OFF 18.76' RT
 ELEV 544.68



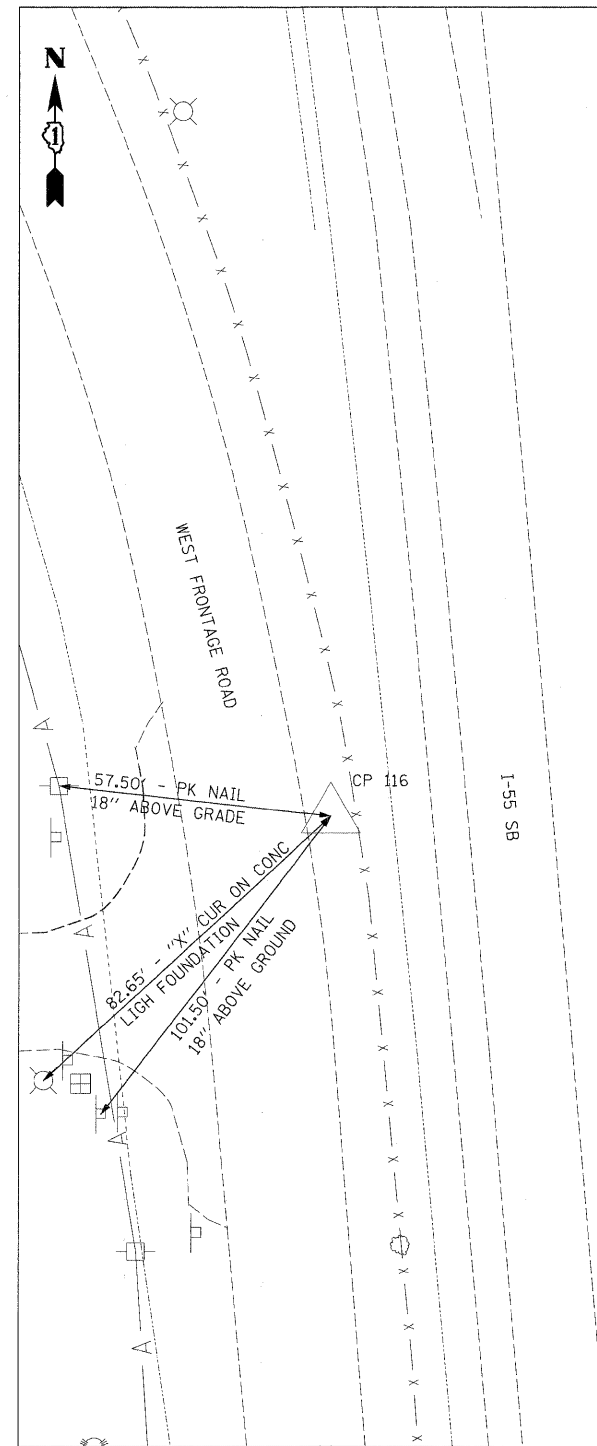
CP 212

N 1726715.05
 E 1022751.39
 STA 927+71.89
 OFF 20.86' RT
 ELEV 543.42



CP 215

N 1728506.27
 E 1022699.11
 STA 945+63.57
 OFF 20.99' RT
 ELEV 554.12



CP 116

N 1729102.61
 E 1022441.33
 STA 6068+44.90
 OFF 18.07' RT
 ELEV 551.55

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 130 East Randolph Street Chicago, Illinois 60601

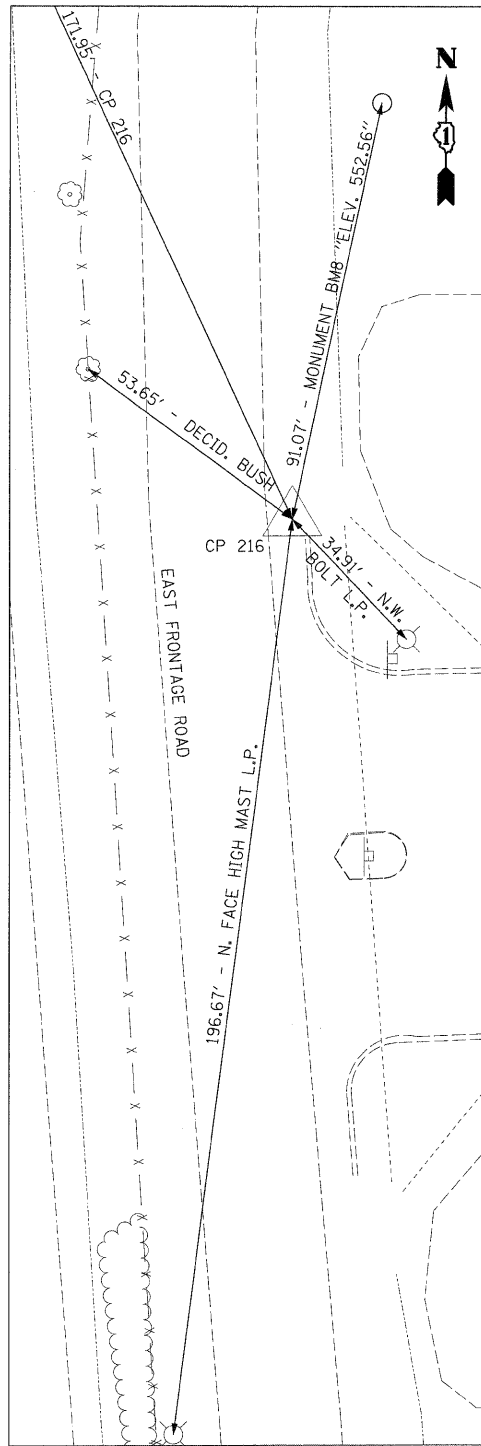
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D160F71-SHT-ATB05.dgn	
PLOT SCALE = 1:20	
PLOT DATE = 3/28/2009	

DESIGNED - TRK	REVISED -
DRAWN - TRK	REVISED -
CHECKED - DLT	REVISED -
DATE - 03/20/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

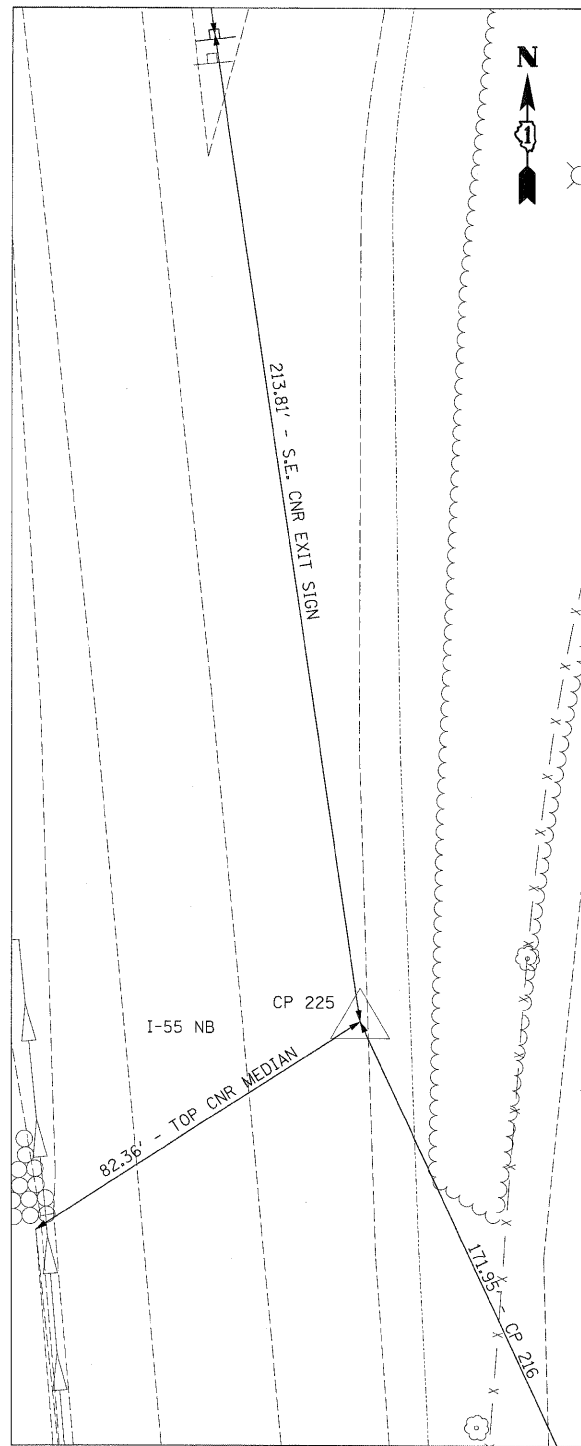
ALIGNMENTS, TIES, AND BENCHMARKS			
SCALE: 1"=20'	SHEET NO. 5 OF 7 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	18
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F71	



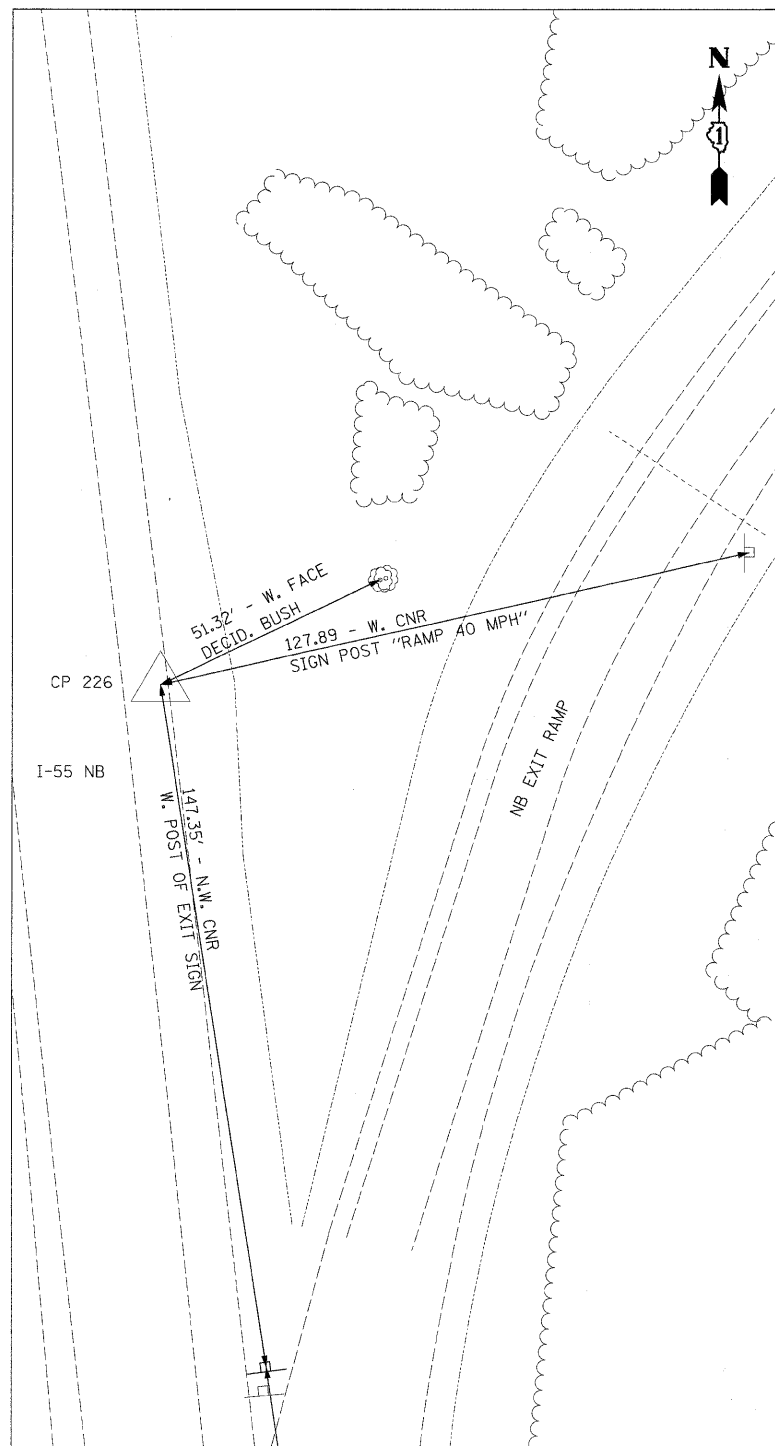
CP 216

N 1729135.49
 E 1022659.53
 STA 951+93.54
 OFF 18.00' RT
 ELEV 550.56



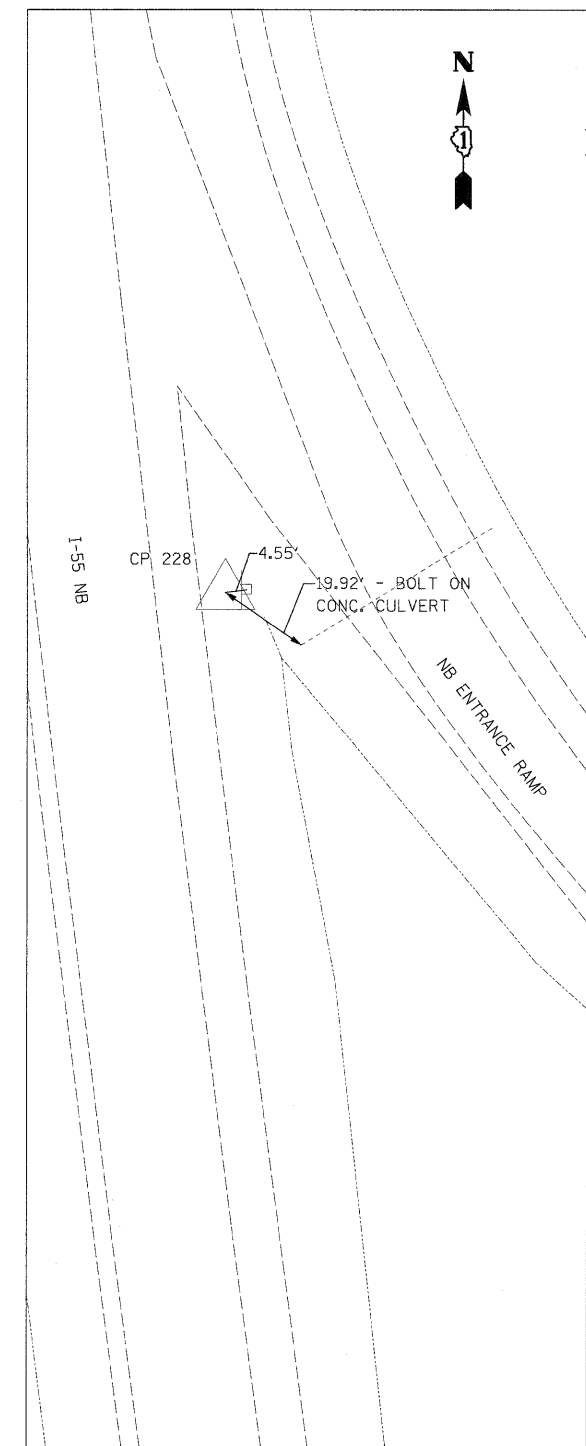
CP 225

N 1729291.64
 E 1022587.53
 STA 953+46.35
 OFF 53.40' LT
 ELEV 549.30



CP 226

N 1729649.45
 E 1022533.85
 STA 11+93.41
 OFF 85.33' LT
 ELEV 548.92



CP 228

N 1730192.79
 E 1022473.00
 STA 33+93.74
 OFF 43.17' LT
 ELEV 545.76

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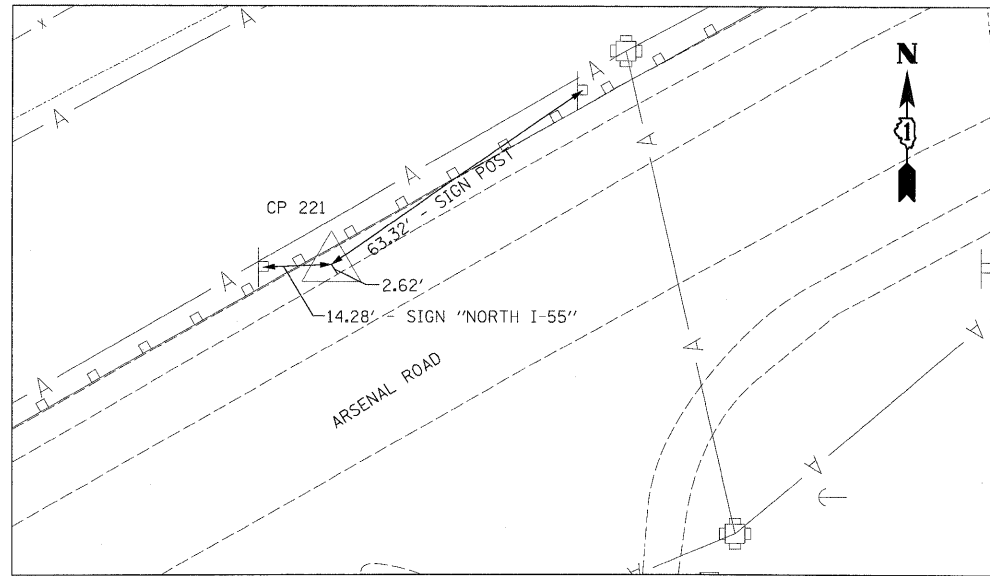
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENTS, TIES, AND BENCHMARKS

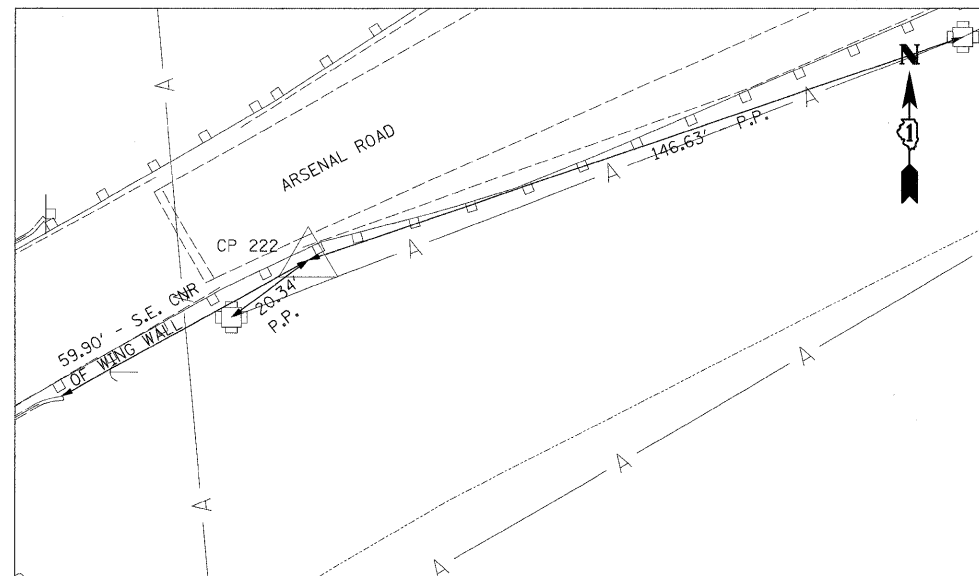
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	19
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

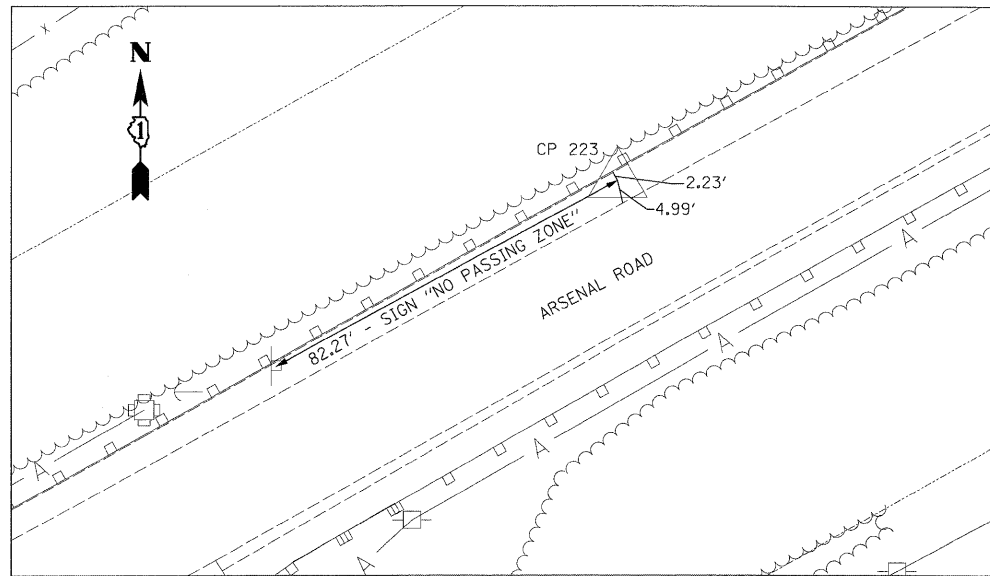
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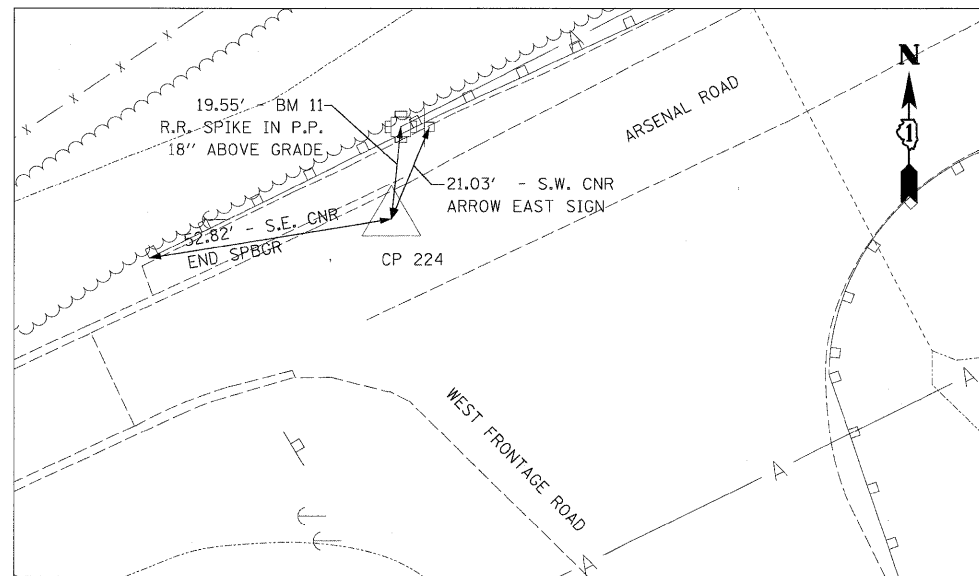
CP 221
 N 1731085.79
 E 1022939.09
 STA 971+78.92
 OFF 15.90' LT
 ELEV 555.27



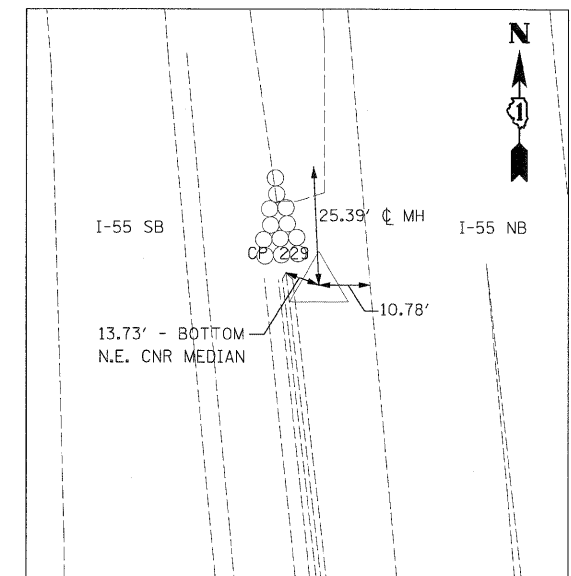
CP 222
 N 1730819.15
 E 1022538.84
 STA 966+99.21
 OFF 18.37' RT
 ELEV 563.33



CP 223
 N 1730560.56
 E 1022013.06
 STA 961+14.30
 OFF 16.35' LT
 ELEV 561.29



CP 224
 N 1730315.32
 E 1021579.16
 STA 956+15.41
 OFF 4.51' LT
 ELEV 548.19



CP 229
 N 1730548.23
 E 1022385.77
 STA 1115+48.28
 OFF 9.44' RT
 ELEV 544.72

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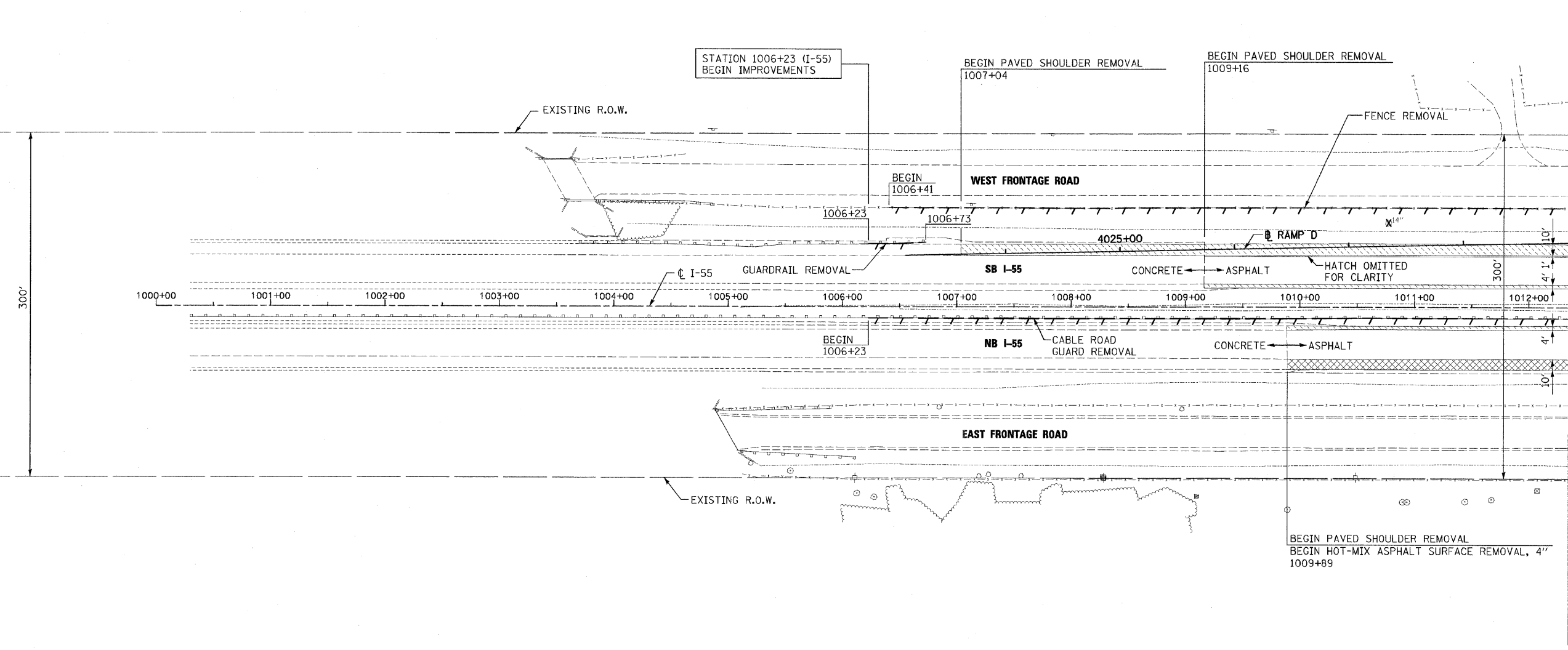
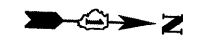
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1"=20' SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	20
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F71	

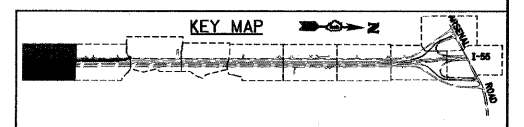
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MATCH LINE SEE SHEET EX-2
I-55 STATION 1012+35.00

EXISTING LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- 15" TREE REMOVAL WITH UNIT DIAMETER TRUNK



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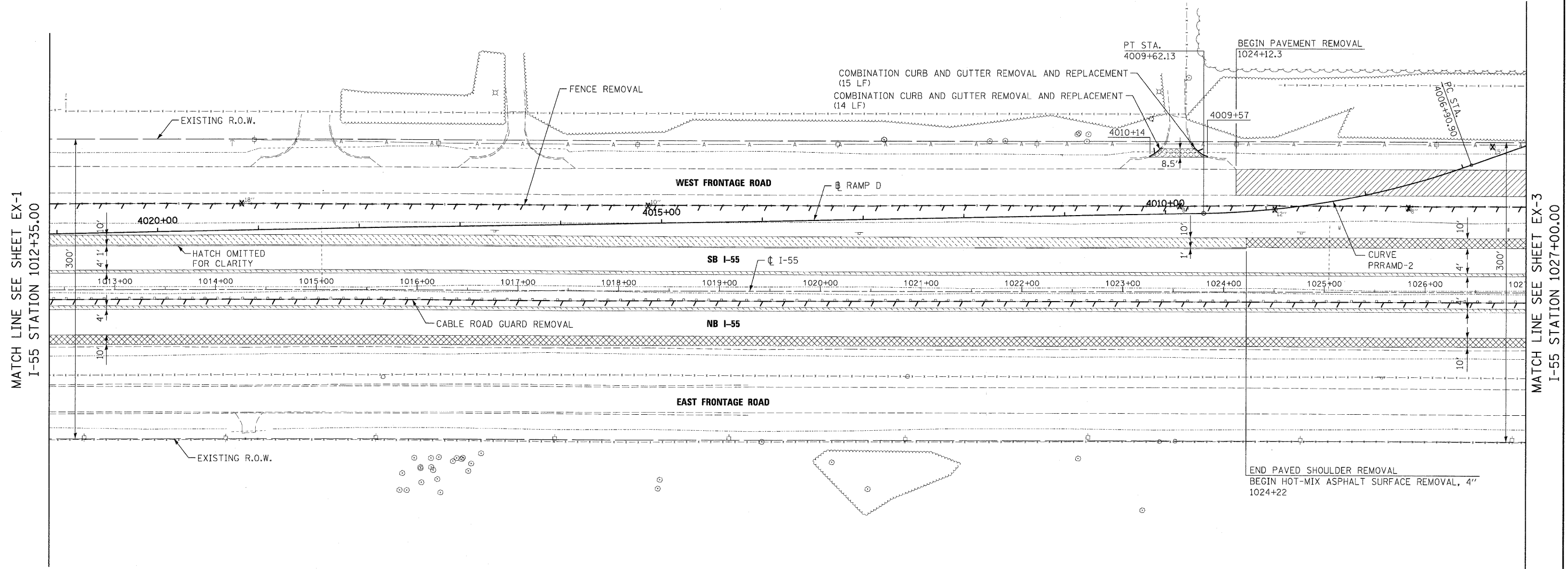
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		DATE - 3/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 1 OF 10 SHEETS STA. TO STA. 1012+35.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	21
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



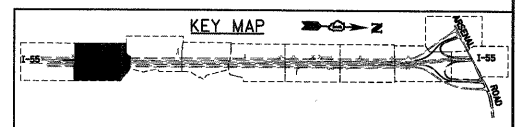
MATCH LINE SEE SHEET EX-1
I-55 STATION 1012+35.00

MATCH LINE SEE SHEET EX-3
I-55 STATION 1027+00.00

EXISTING LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- TREE REMOVAL WITH UNIT DIAMETER TRUNK

END PAVED SHOULDER REMOVAL
BEGIN HOT-MIX ASPHALT SURFACE REMOVAL, 4"
1024+22



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 2 OF 10 SHEETS STA. 1012+35.00 TO STA. 1027+00.00

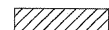
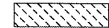



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	22

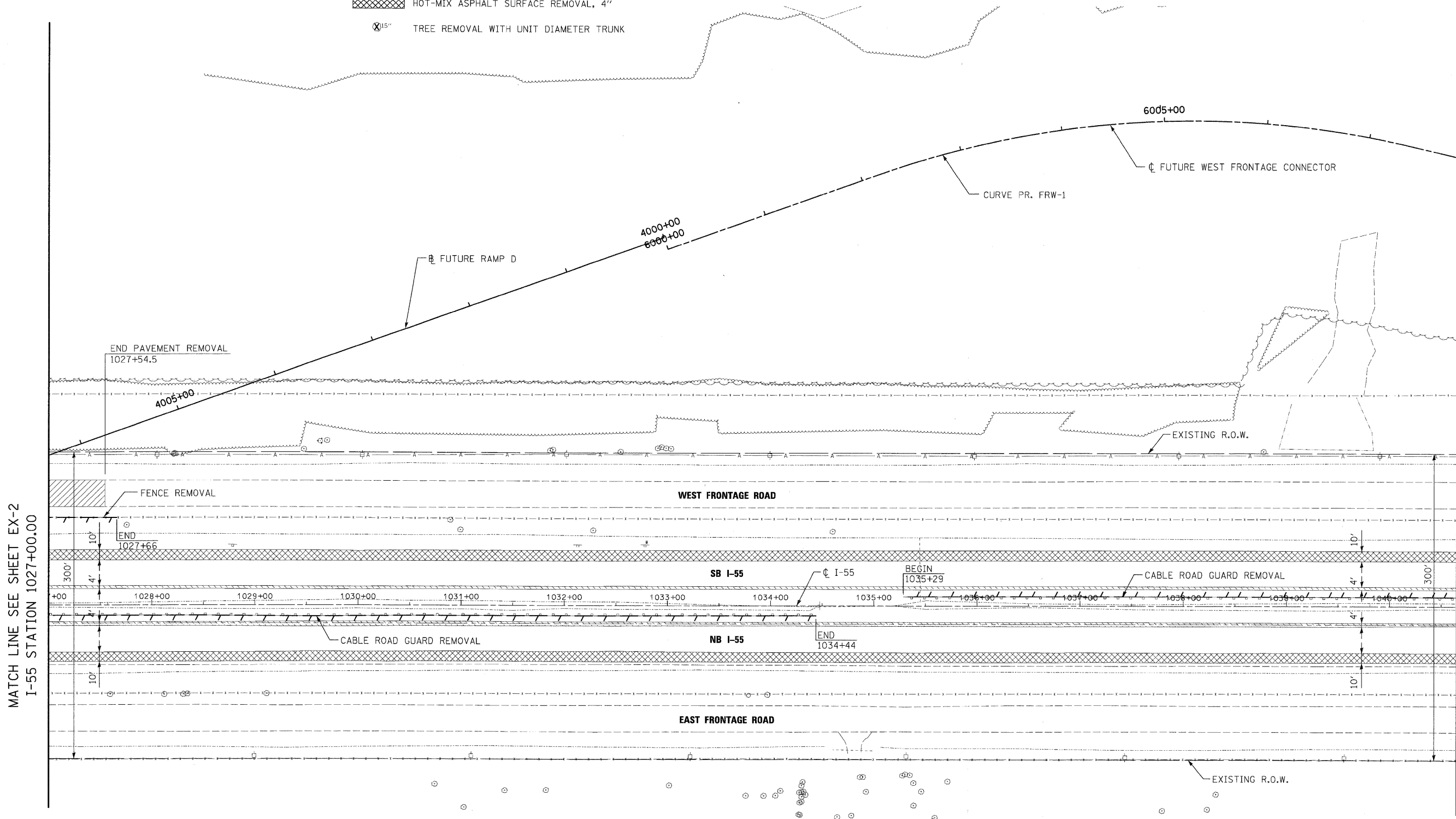
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FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT

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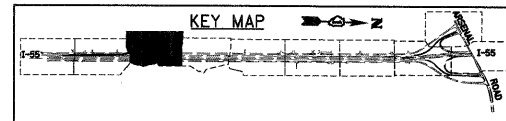
EXISTING LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  HOT-MIX ASPHALT SURFACE REMOVAL, 4"
-  15" TREE REMOVAL WITH UNIT DIAMETER TRUNK



MATCH LINE SEE SHEET EX-2
I-55 STATION 1027+00.00

MATCH LINE SEE SHEET EX-4
I-55 STATION 1040+65.00



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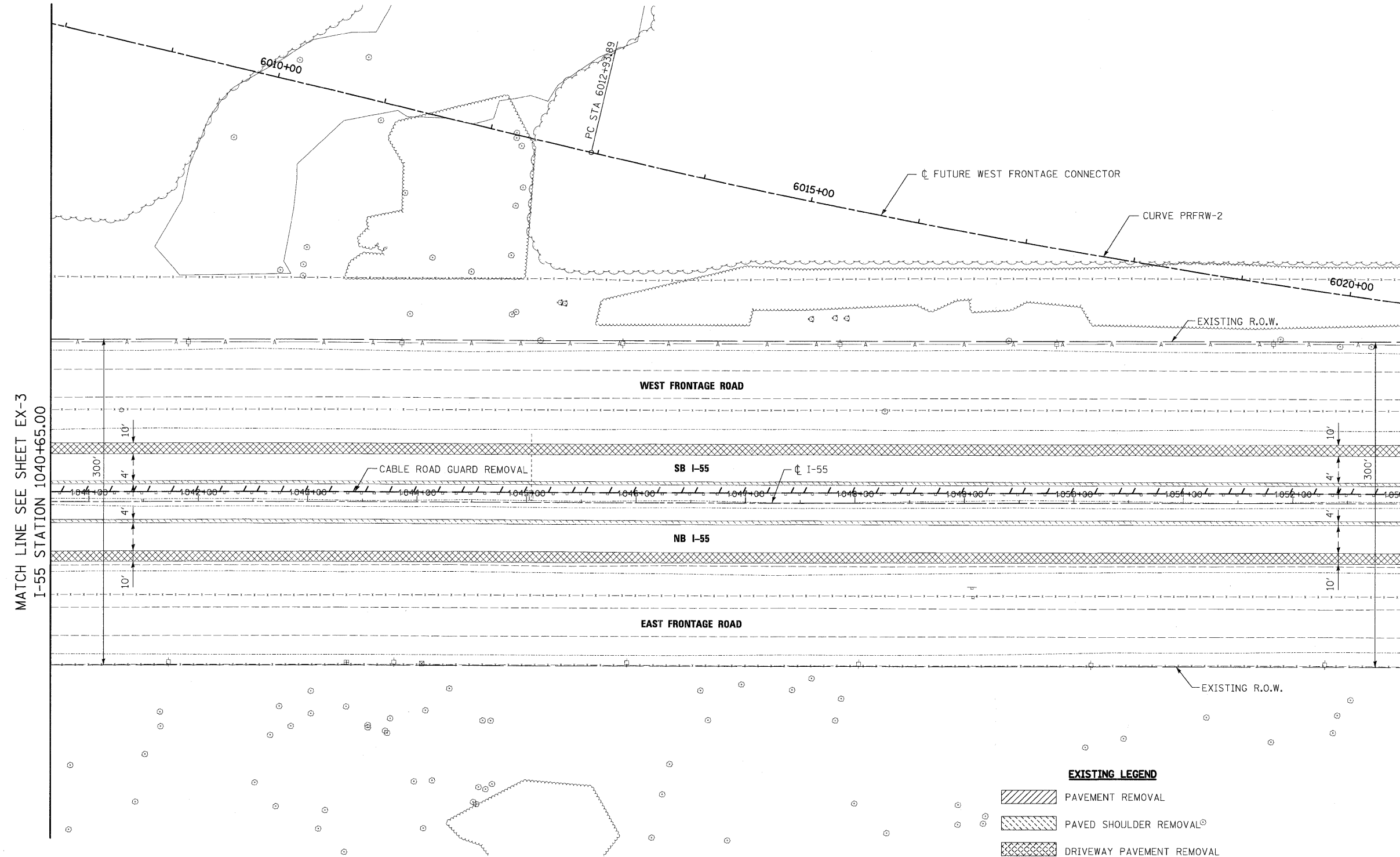
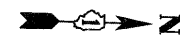
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 3 OF 10 SHEETS STA. 1027+00.00 TO STA. 1040+65.00

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. 60F71	

FINAL

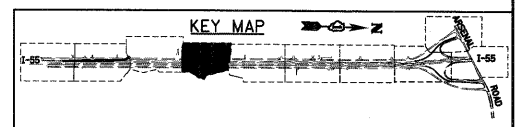


MATCH LINE SEE SHEET EX-3
I-55 STATION 1040+65.00

MATCH LINE SEE SHEET EX-5
I-55 STATION 1053+00.00

EXISTING LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- 15" TREE REMOVAL WITH UNIT DIAMETER TRUNK



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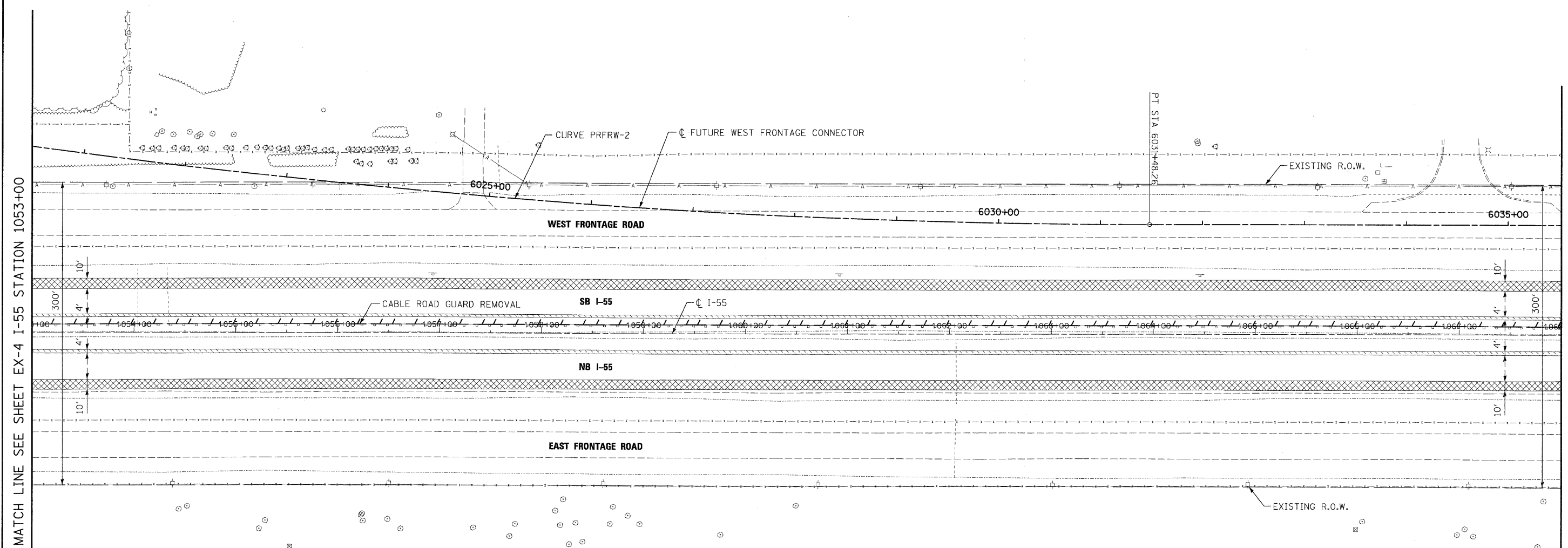
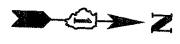
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 1040+65.00 TO STA. 1053+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	24
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

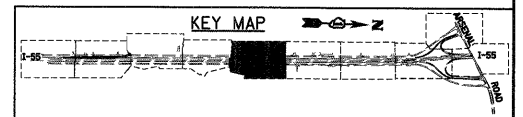


MATCH LINE SEE SHEET EX-4 I-55 STATION 1053+00

MATCH LINE SEE SHEET EX-6 I-55 STATION 1068+00.00

EXISTING LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- 15" TREE REMOVAL WITH UNIT DIAMETER TRUNK



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DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

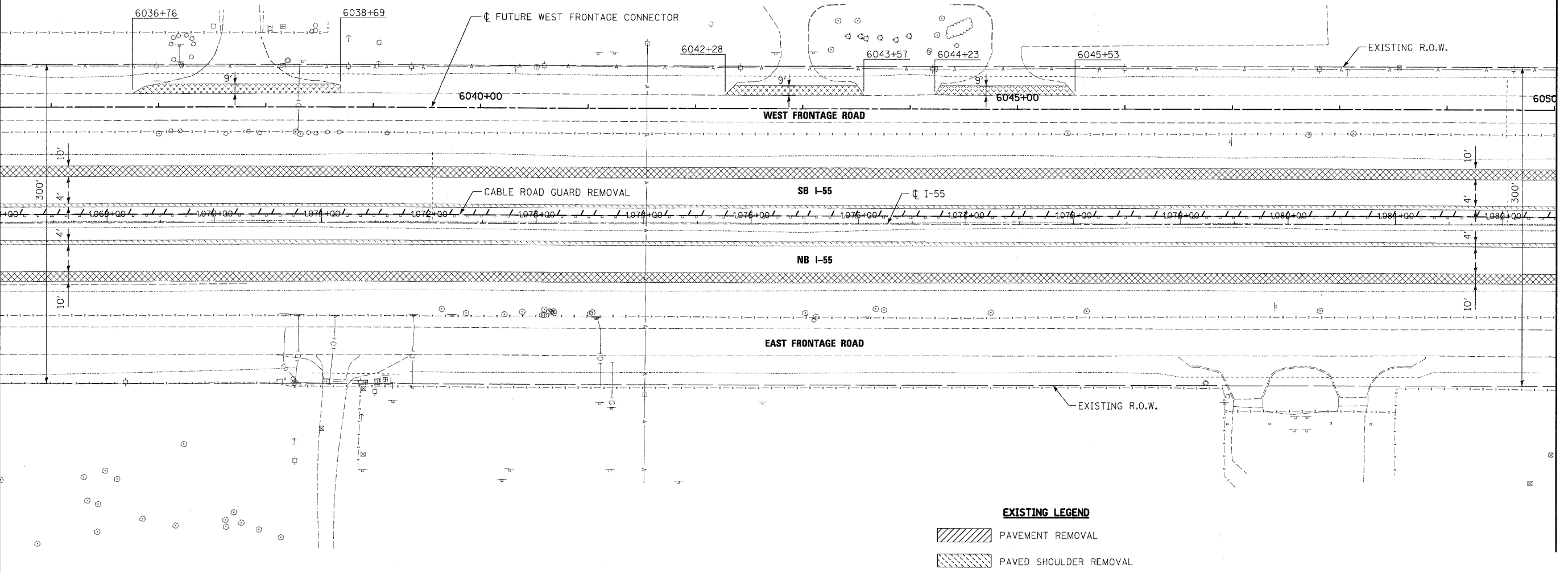
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL

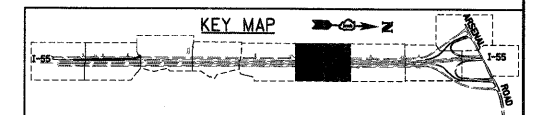


MATCH LINE SEE SHEET EX-5
I-55 STATION 1068+00.00



MATCH LINE SEE SHEET EX-7
I-55 STATION 1082+50.00

- EXISTING LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - HOT-MIX ASPHALT SURFACE REMOVAL, 4"
 - 15" TREE REMOVAL WITH UNIT DIAMETER TRUNK



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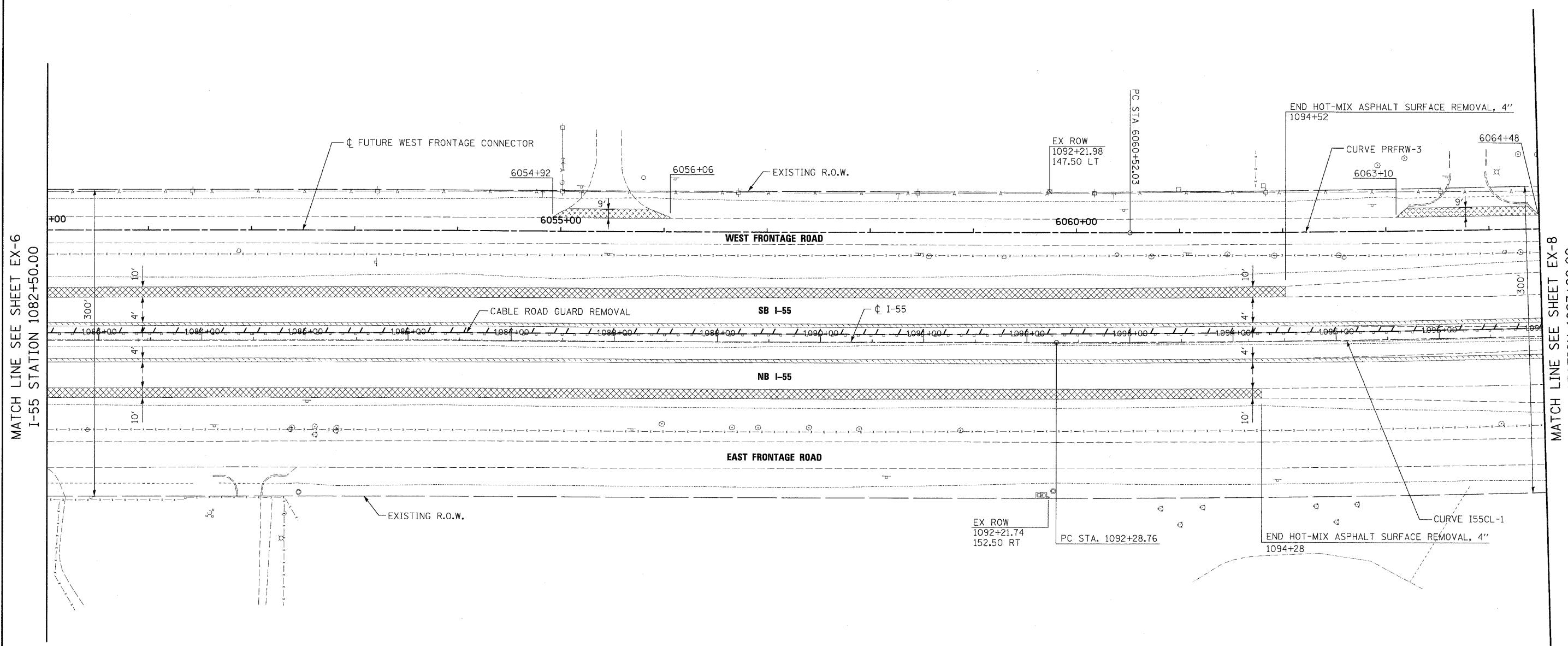
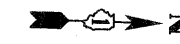
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 6 OF 10 SHEETS STA. 1068+00.00 TO STA. 1082+50.00

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. 60F71	

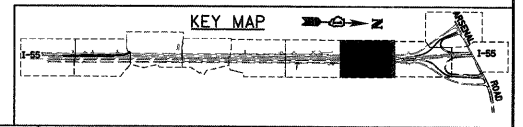
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MATCH LINE SEE SHEET EX-6
I-55 STATION 1082+50.00

MATCH LINE SEE SHEET EX-8
I-55 STATION 1097+00.00

- EXISTING LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - HOT-MIX ASPHALT SURFACE REMOVAL, 4"
 - 15" TREE REMOVAL WITH UNIT DIAMETER TRUNK



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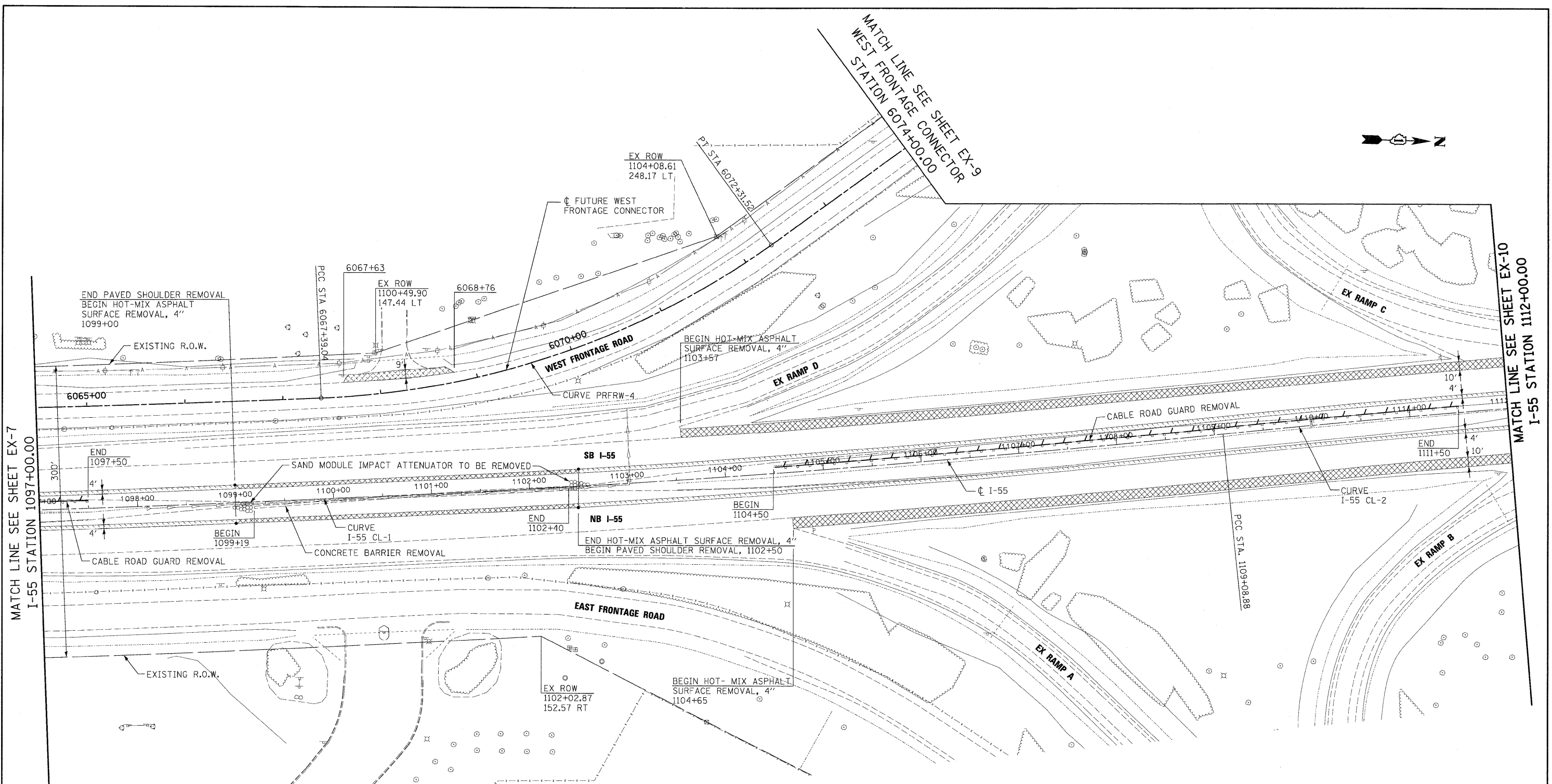
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

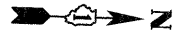
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

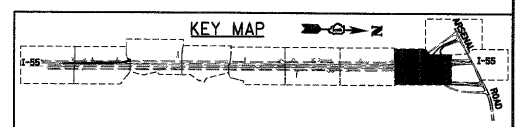


MATCH LINE SEE SHEET EX-7
I-55 STATION 1097+00.00

MATCH LINE SEE SHEET EX-10
I-55 STATION 1112+00.00



- EXISTING LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - HOT-MIX ASPHALT SURFACE REMOVAL, 4"
 - TREE REMOVAL WITH UNIT DIAMETER TRUNK



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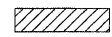




**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

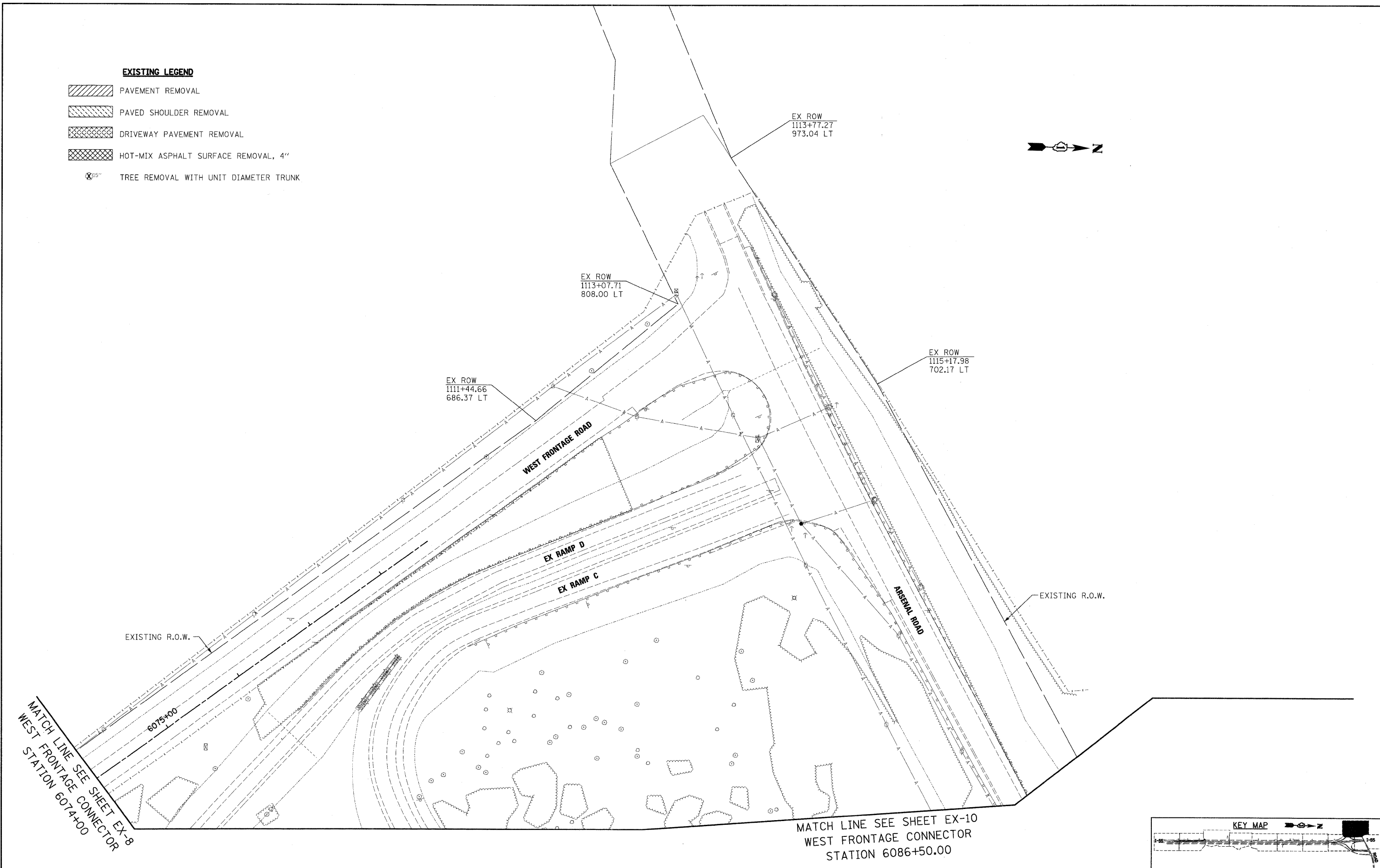
EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 8 OF 10 SHEETS STA. 1097+00.00 TO STA. 1112+00.00

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. 60F71	

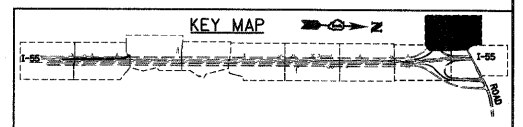
EXISTING LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  HOT-MIX ASPHALT SURFACE REMOVAL, 4"
-  TREE REMOVAL WITH UNIT DIAMETER TRUNK



MATCH LINE SEE SHEET EX-8
WEST FRONTAGE CONNECTOR
STATION 6074+00

MATCH LINE SEE SHEET EX-10
WEST FRONTAGE CONNECTOR
STATION 6086+50.00



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

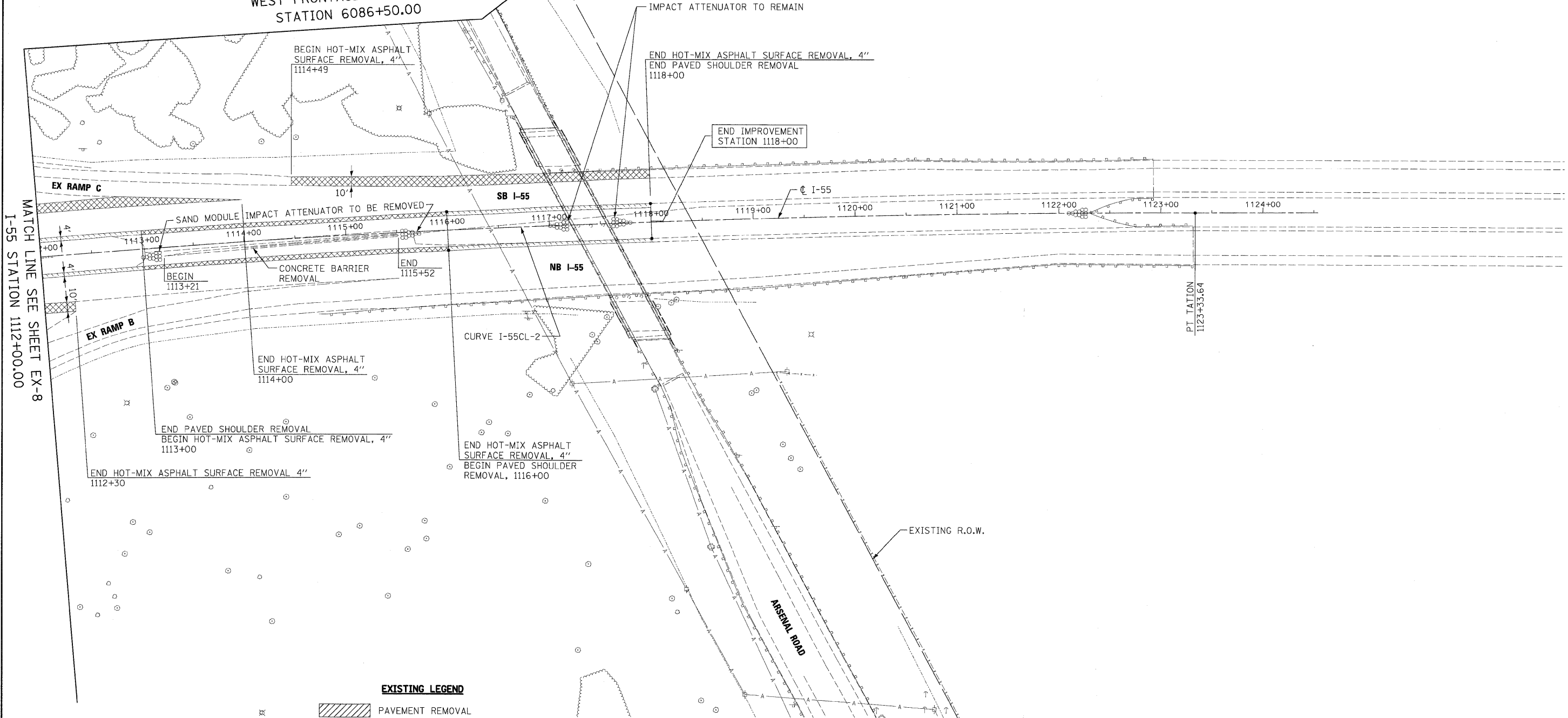
SCALE: 1"=50' SHEET NO. 9 OF 10 SHEETS STA. 6074+00.00 TO STA. 6086+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

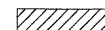
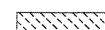



FINAL



MATCH LINE SEE SHEET EX-9
WEST FRONTAGE CONNECTOR
STATION 6086+50.00



EXISTING LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  HOT-MIX ASPHALT SURFACE REMOVAL, 4"
-  TREE REMOVAL WITH UNIT DIAMETER TRUNK

MATCH LINE SEE SHEET EX-8
I-55 STATION 1112+00.00

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FILE NAME =
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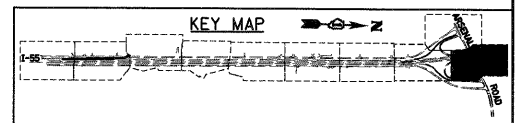
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REVISIONS -
DATE -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

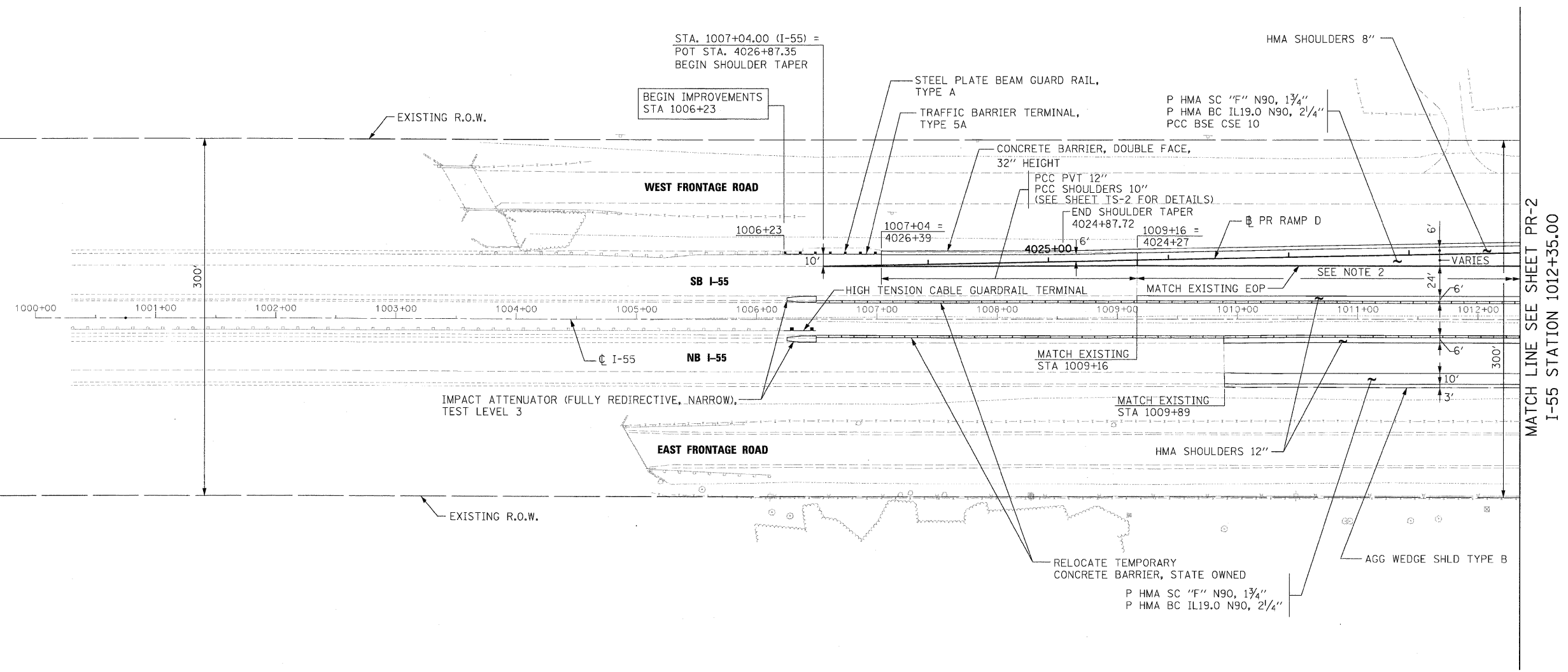
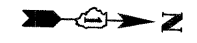
EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 10 OF 10 SHEETS STA. 6086+50.00 TO STA.



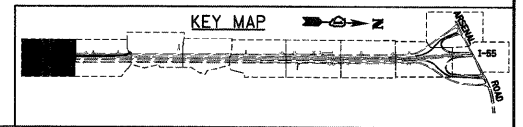
F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	30
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



MATCH LINE SEE SHEET PR-2
I-55 STATION 1012+35.00

- NOTES:**
- SEE SHEETS PD-1 TO PD-4 FOR PERMANENT ELEVATIONS AND RAMP D DETAILS.
 - SEE SHEETS TS-1 AND TS-2 FOR STRIP REFLECTIVE CRACK CONTROL TREATMENT (LINEWORK OMITTED FOR CLARITY).



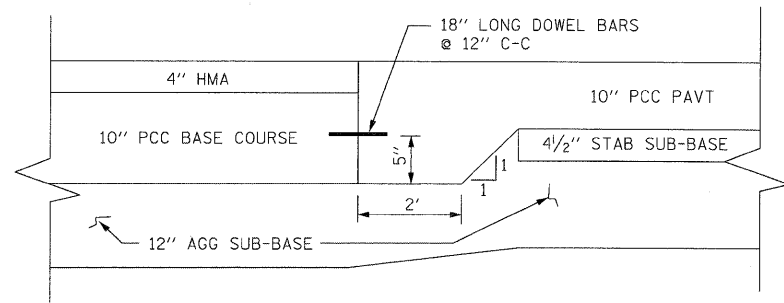
McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

FILE NAME = D160F71-SHT-PL AN01.dgn	USER NAME = TKLuegel	DESIGNED - YSK	REVISED -
		DRAWN - YSK	REVISED -
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		DATE - 3/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

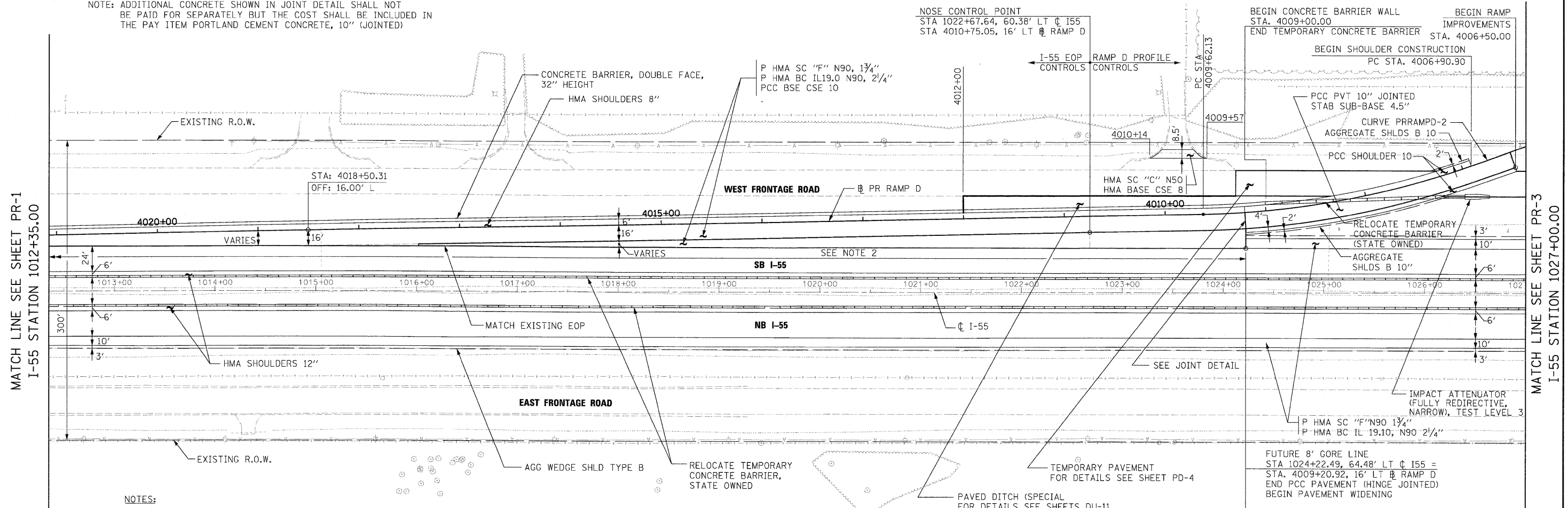
PROPOSED PLAN	
SCALE: 1"=50'	SHEET NO. 1 OF 10 SHEETS
STA. TO STA. 1012+35.00	

F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 31
CONTRACT NO. 60F71			ILLINOIS FED. AID PROJECT	



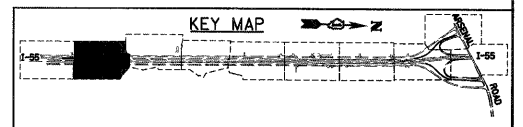
JOINT DETAIL

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



NOTES:

1. SEE SHEETS PD-1 TO PD-4 FOR PERMANENT ELEVATIONS AND RAMP D DETAILS.
2. SEE SHEETS TS-1 AND TS-2 FOR STRIP REFLECTIVE CRACK CONTROL TREATMENT (LINEWORK OMITTED FOR CLARITY).
3. SEE SHEET PD-4 FOR SE DETAILS.



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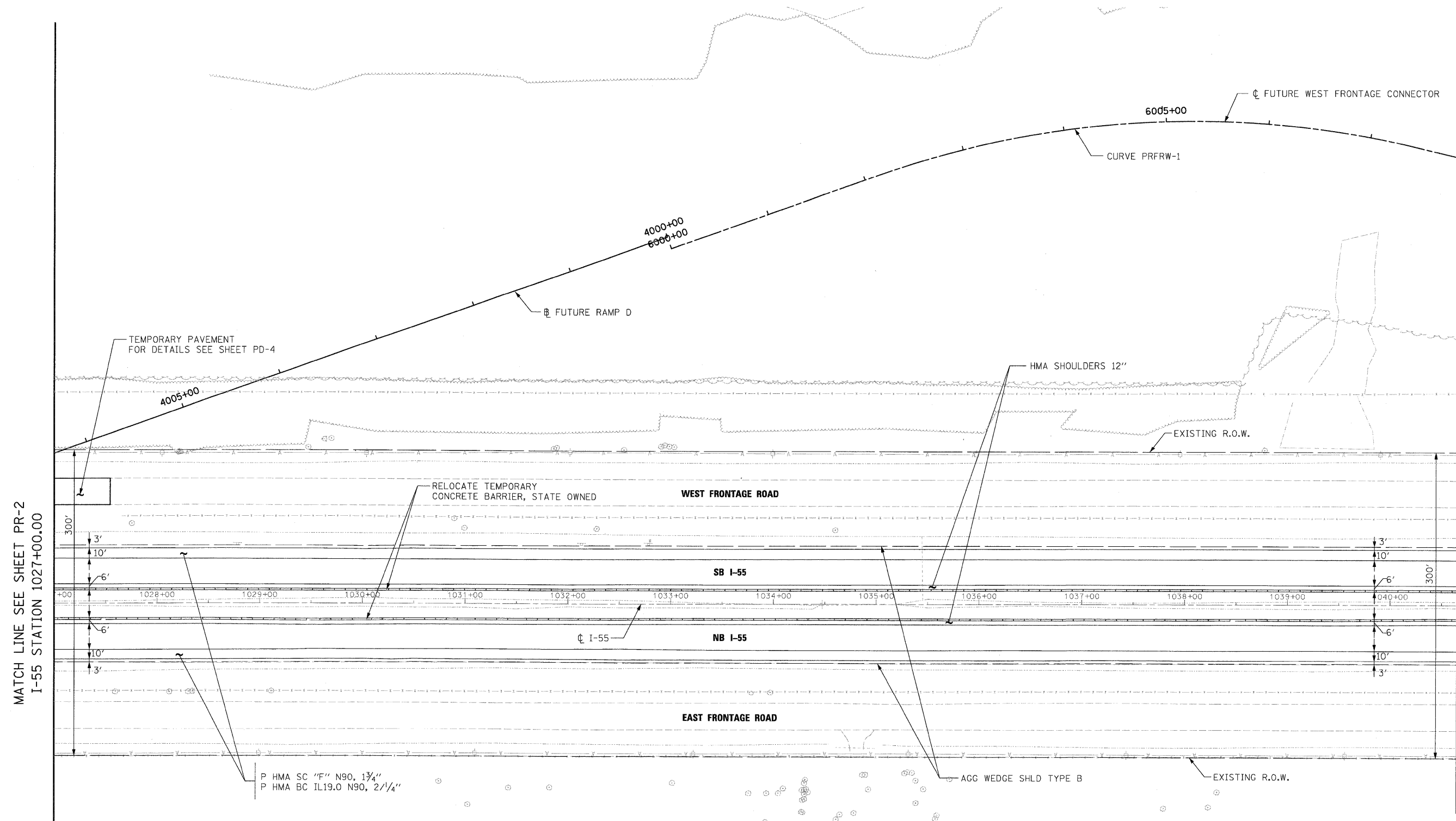
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	PLOT DATE = 3/19/2009	DATE - 3/20/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
 SCALE: 1"=50' SHEET NO. 2 OF 10 SHEETS STA. 1012+35.00 TO STA. 1027+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	32
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



MATCH LINE SEE SHEET PR-2
I-55 STATION 1027+00.00

MATCH LINE SEE SHEET PR-4
I-55 STATION 1040+65.00

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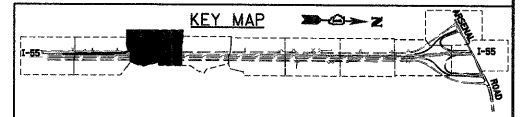
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DRAWN - YSK	CHECKED - DLT	REVISED -
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PLOT DATE = 3/19/2009		

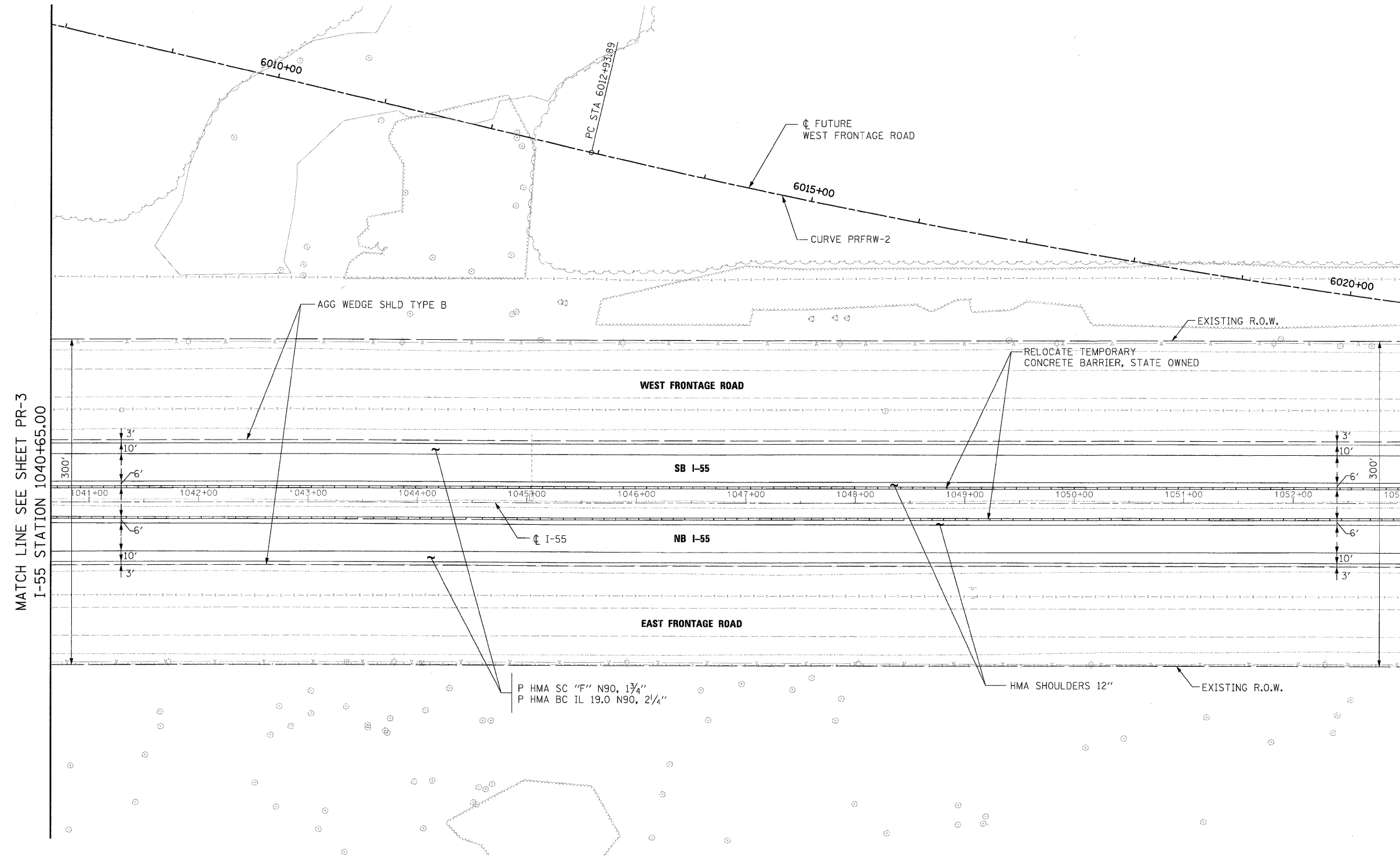
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 3 OF 10 SHEETS STA. 1027+00.00 TO STA. 1040+65.00



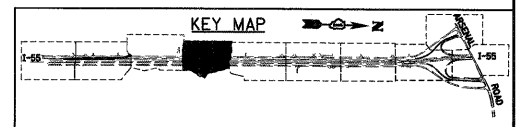
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	33
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F71	



MATCH LINE SEE SHEET PR-3
I-55 STATION 1040+65.00

MATCH LINE SEE SHEET PR-5
I-55 STATION 1053+00.00

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FILE NAME = D:\60771-SHT-PLAN04.dgn	USER NAME = TK:uegel	DESIGNED - YSK	REVISED -
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		CHECKED - DLT	REVISED -
		DATE - 3/20/09	REVISED -

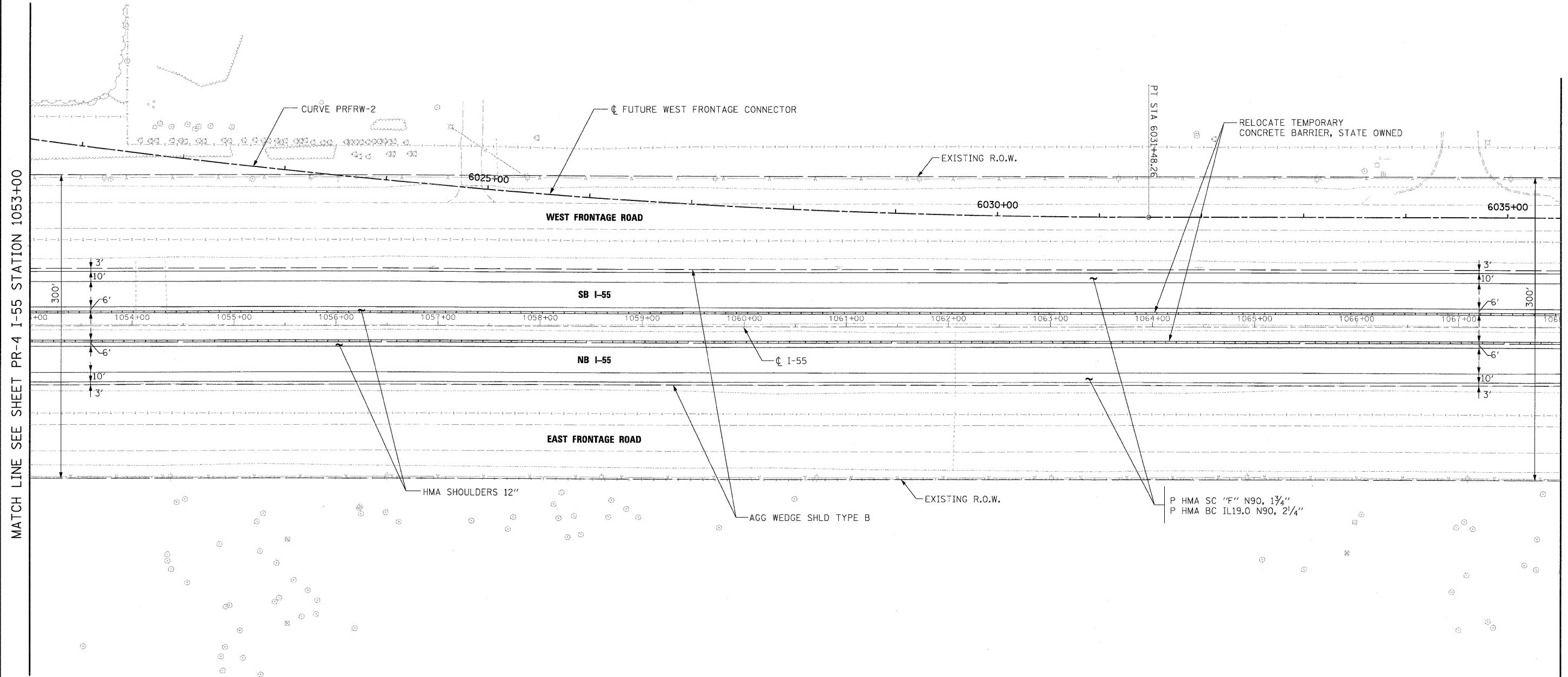
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 1040+65.00 TO STA. 1053+00.00

F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 34
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F71	

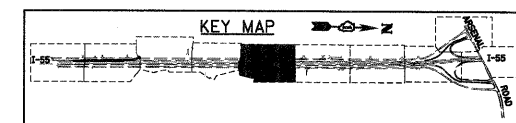
FINAL



MATCH LINE SEE SHEET PR-4 I-55 STATION 1053+00

MATCH LINE SEE SHEET PR-6 I-55 STATION 1068+00.00

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FILE NAME = D168F71-SHT-PLAN05.dgn	USER NAME = TKLuegel	DESIGNED - YSK	REVISED -
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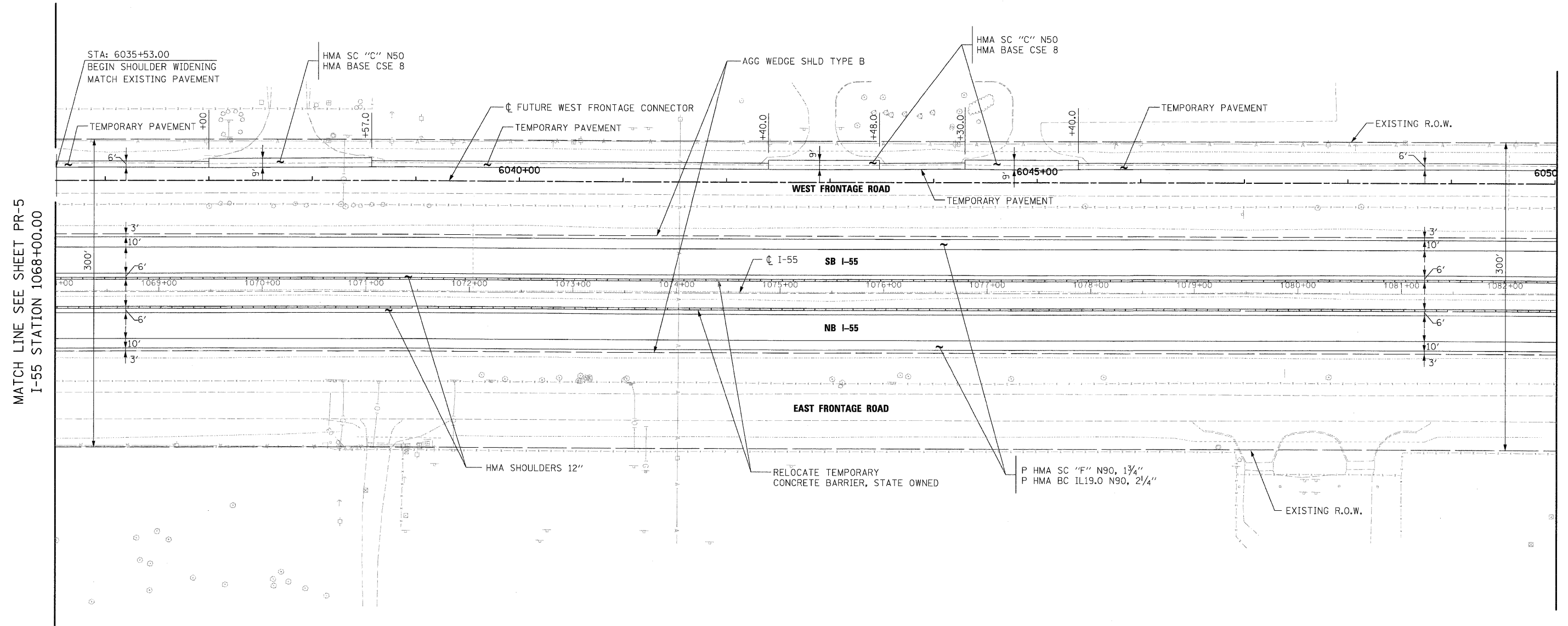
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 5 OF 10 SHEETS STA. 1053+00.00 TO STA. 1068+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	35
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

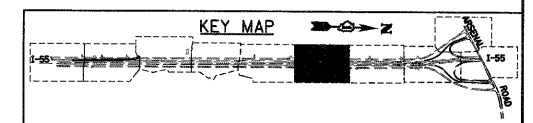
FINAL



MATCH LINE SEE SHEET PR-5
I-55 STATION 1068+00.00

MATCH LINE SEE SHEET PR-7
I-55 STATION 1082+50.00


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FILE NAME =	USER NAME = TKLuegel
D168F71-SHT-PLAN06.dgn	
PLOT SCALE = 1:50	
PLOT DATE = 3/19/2009	

DESIGNED - YSK	REVISED -
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CHECKED - DLT	REVISED -
DATE - 3/20/09	REVISED -

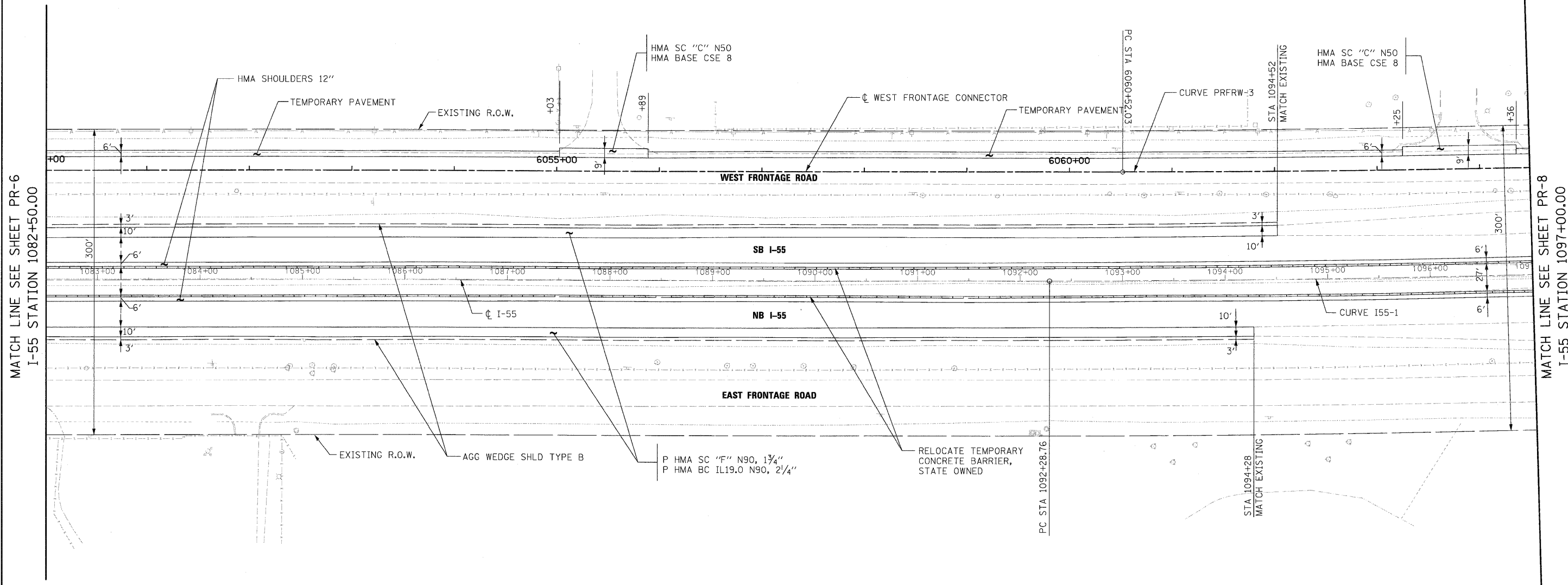
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 6 OF 10 SHEETS STA. 1068+00.00 TO STA. 1082+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	36
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

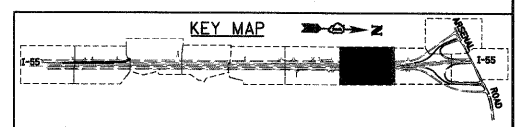
FINAL



MATCH LINE SEE SHEET PR-6
I-55 STATION 1082+50.00

MATCH LINE SEE SHEET PR-8
I-55 STATION 1097+00.00

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FILE NAME =
D160F71-SHT-PLAN07.dgn

USER NAME = TKluegel	DESIGNED - YSK	REVISED -
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PLOT DATE = 3/19/2009	DATE - 3/20/09	REVISED -

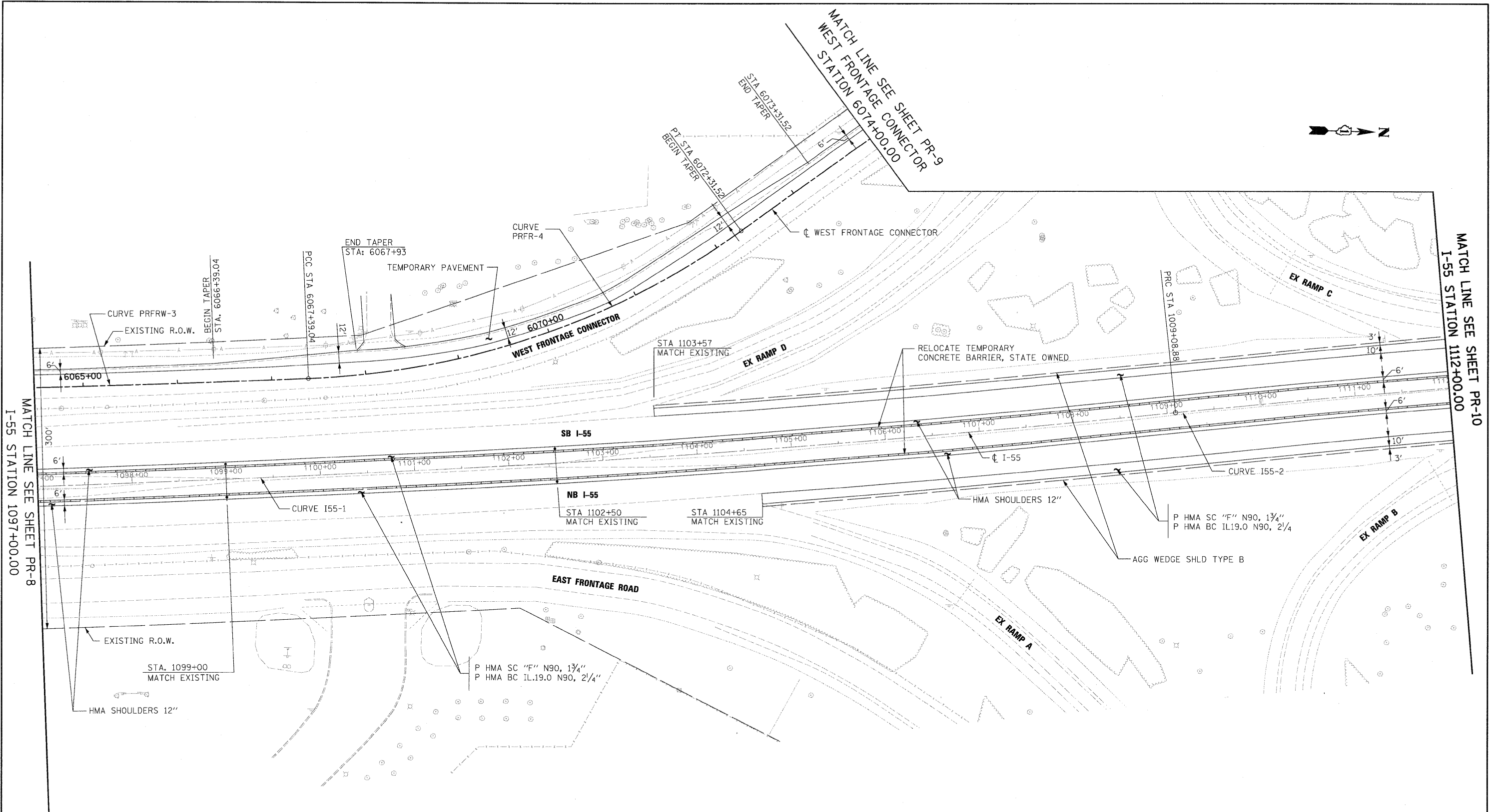
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 7 OF 10 SHEETS STA. 1082+50.00 TO STA. 1097+00.00

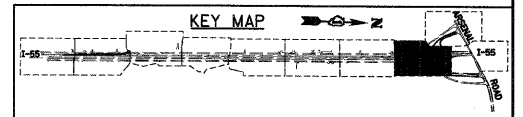
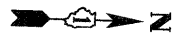
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	37
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



MATCH LINE SEE SHEET PR-8
 I-55 STATION 1097+00.00

MATCH LINE SEE SHEET PR-10
 I-55 STATION 1112+00.00



FILE NAME =
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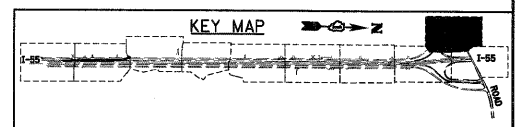
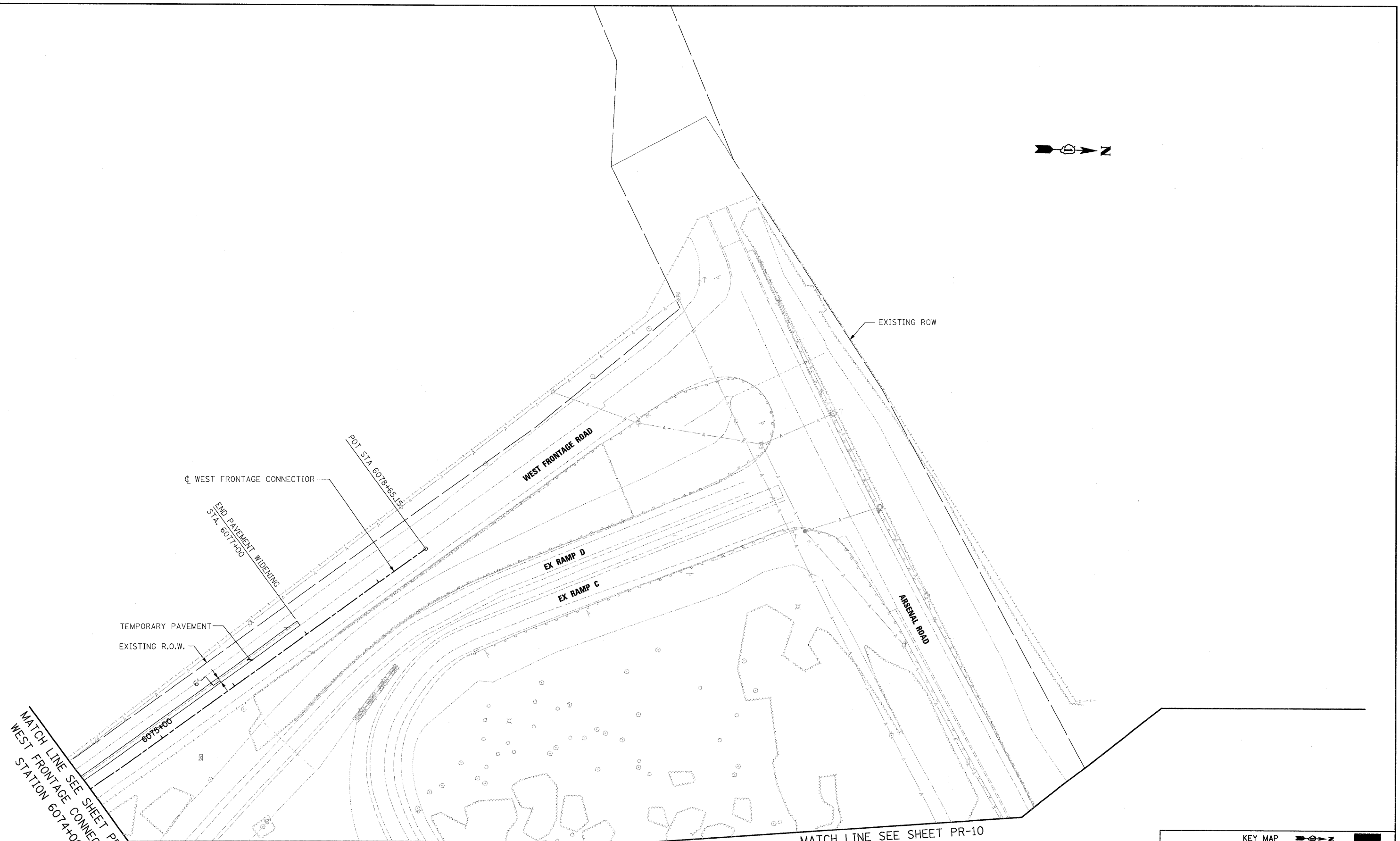
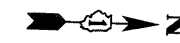
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PLOT DATE = 3/19/2009	DATE - 3/20/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 8 OF 10 SHEETS STA. 1097+00.00 TO STA. 1112+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	38
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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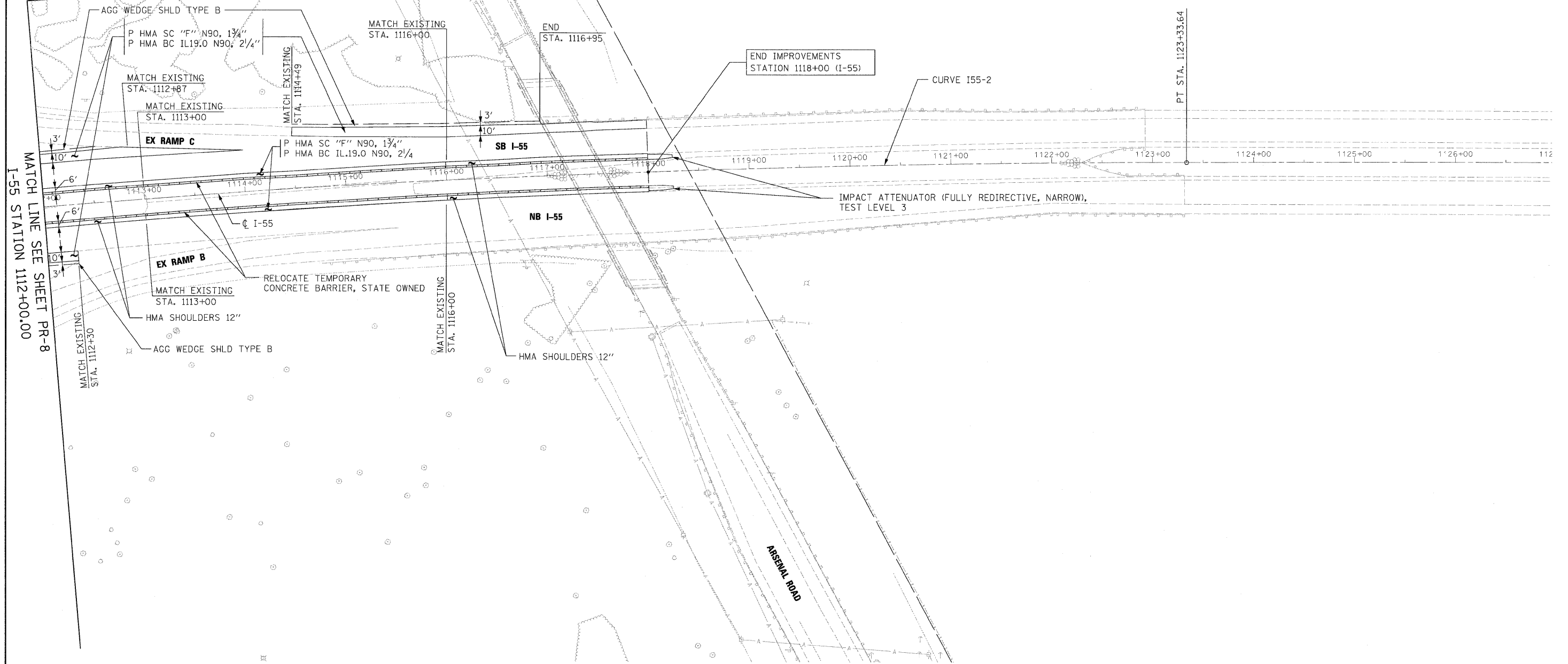
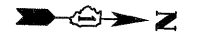
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		CHECKED - DLT	REVISED -
		DATE - 3/20/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
 SCALE: 1"=50' SHEET NO. 9 OF 10 SHEETS STA. 6074+00.00 TO STA. 6086+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	39
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MATCH LINE SEE SHEET PR-9
WEST FRONTAGE CONNECTOR
STATION 6086+50.00



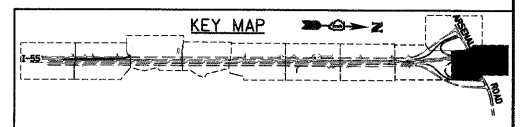
I-55 STATION 1112+00.00

MATCH LINE SEE SHEET PR-8

END IMPROVEMENTS
STATION 1118+00 (I-55)

IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW),
TEST LEVEL 3

ARSENAL ROAD



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FILE NAME = D:\60F71-SHT-PLAN\10.dgn	USER NAME = TK\uegal	DESIGNED - YSK	REVISED -
		DRAWN - YSK	REVISED -
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		DATE - 3/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

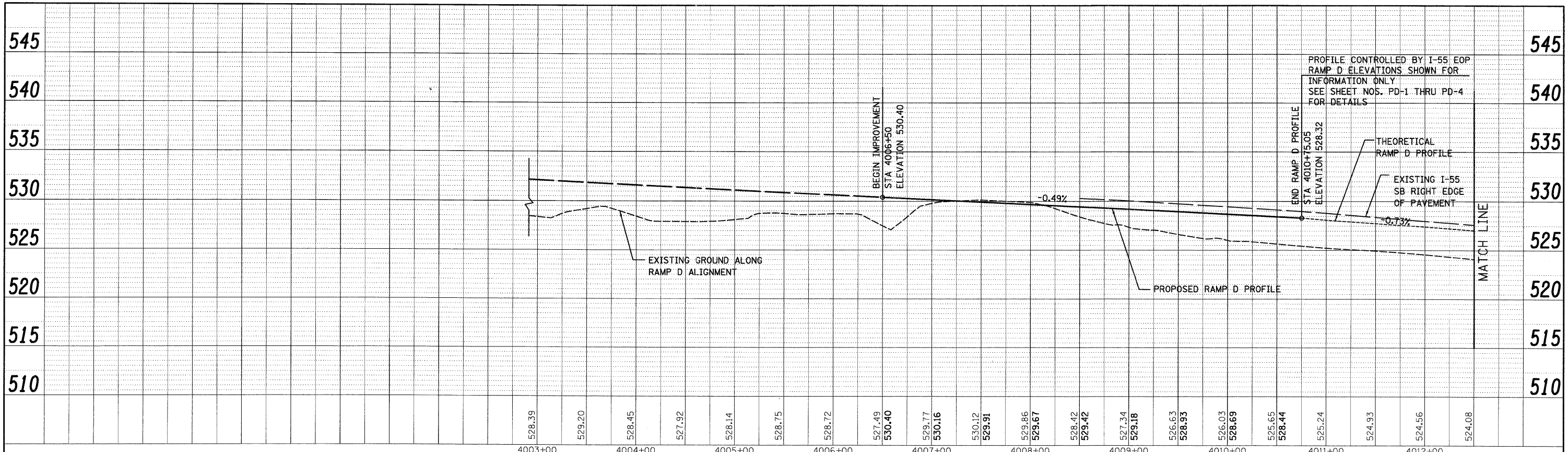
PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 10 OF 10 SHEETS STA. 6086+50.00 TO STA.

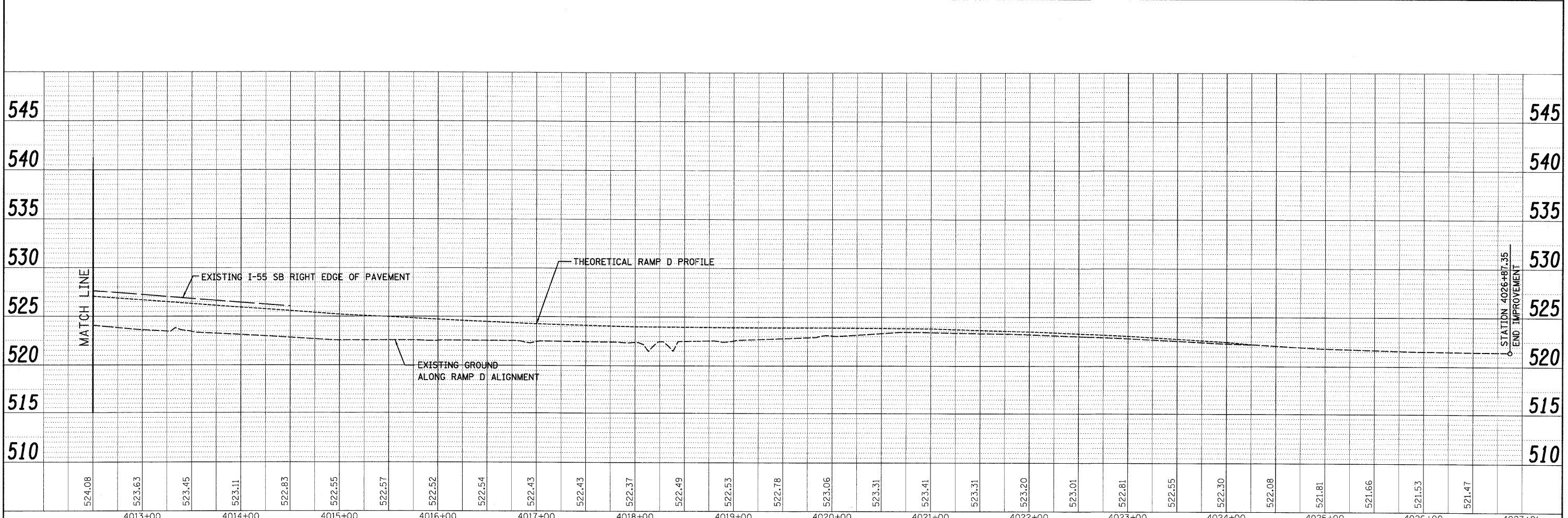
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	40
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL

PLAN	SURVEYED	BY	DATE
	NOTE BOOK		
	ALIGNED		
	CHECKED		
	RT. OF WAY		
	CHECKED		
	NO.		
	FILE NAME		



PROFILE	SURVEYED	BY	DATE
	NOTE BOOK		
	GRADES		
	CHECKED		
	BLM. NOTED		
	STRUCTURE		
	NOTATIONS		
	CIPRO		
	NO.		



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730 East Randolph Street Chicago, Illinois 60601

FILE NAME = D:\60771-SHT-PROFILE\6071.dgn	USER NAME = "Kluemel"	DESIGNED - TRK	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-55 AT ARSENAL ROAD - RAMP D PROFILE	F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 41	
PLOT SCALE = 1:150	CHECKED - DLT	REVISD -	SCALE: 1"=50'H=1"=10'V			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 60F71		FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT
PLOT DATE = 3/19/2009	DATE = 03/20/09	REVISD -									

FINAL

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. BARRIER WALL WILL BE IN PLACE BEFORE TRAFFIC IS PLACED ADJACENT TO ANY ROADSIDE OBSTACLES.
2. THE BARRIER UNIT AT EACH END OF THE INSTALLATION SHALL BE ANCHORED TO THE PAVEMENT WITH SIX ANCHOR PINS TO PREVENT OVERTURNING AND LATERAL DEFLECTIONS GREATER THAN THOSE OBTAINED DURING THE NCHRP 350 TESTS. THE TERMINAL SECTION WILL NO LONGER BE ALLOWED. THE APPROACH END(S) OF THE TEMPORARY BARRIERS SHALL BE PROTECTED WITH A NCHRP 350 TEST LEVEL 3 APPROVED DEVICE. SINGLE BARREL ARRAYS ARE NOT APPROVED FOR USE. A MINIMUM OFFSET OF 2 FT. FROM THE TRAVEL LANE TO THE TEMPORARY CONCRETE BARRIER IS DESIRABLE. WHEN LATERAL DISPLACEMENT OF THE BARRIER CANNOT BE TOLERATED, IT SHALL BE NECESSARY TO ANCHOR THE BARRIER TO THE UNDERLYING SURFACE TO PREVENT LATERAL MOVEMENT. AT A LOCATION WHERE A HAZARD EXISTS WITHIN 3.5 FT. OF THE BACK OF THE TEMPORARY CONCRETE BARRIER, THE BARRIER SHALL BE ANCHORED TO THE PAVEMENT.
3. SEE STANDARDS FOR SIGNING NOT SHOWN ON THE MAINTENANCE OF TRAFFIC DRAWINGS.
4. THE CONTRACTOR SHALL SUPPLY 4 CHANGEABLE MESSAGE SIGNS FOR THE DURATION OF THE CONTRACT. THE SIGNS WILL BE FOR THE FOLLOWING:
 - A. SOUTHBOUND I-55
 - B. NORTHBOUND I-55
 - C. ARSENAL ROAD (2)
 LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
5. REMOVAL OF HIGH TENSION CABLE MEDIAN BARRIER SHALL NOT BEGIN UNTIL AFTER PLACEMENT OF TEMPORARY CONCRETE BARRIER (INSTALL ONLY) IN STAGE ONE OF THE MAINTENANCE OF TRAFFIC. REMOVAL SHALL BEGIN AT THE SOUTH END AND INSTALLATION OF THE NEW HIGH TENSION CABLE MEDIAN BARRIER TERMINAL MUST BE IN PLACE WITHIN 24 HOURS OF THE REMOVAL.
6. PRIOR TO THE CLOSURE OF THE WEST FRONTAGE ROAD FOR CONSTRUCTION OF THE RAMP D PAVEMENT NOTIFICATION WILL BE COORDINATED WITH LOCAL BUSINESSES AND VILLAGE & COUNTY AGENCIES. A MINIMUM OF 14 DAYS NOTICE SHALL BE PROVIDED.
7. EXISTING PAVEMENT MARKING REMOVAL ON THE CONCRETE SURFACE AT THE SOUTH LIMITS SHALL NOT DAMAGE THE FINAL WEARING SURFACE. THIS REMOVAL SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL (SQ FT).

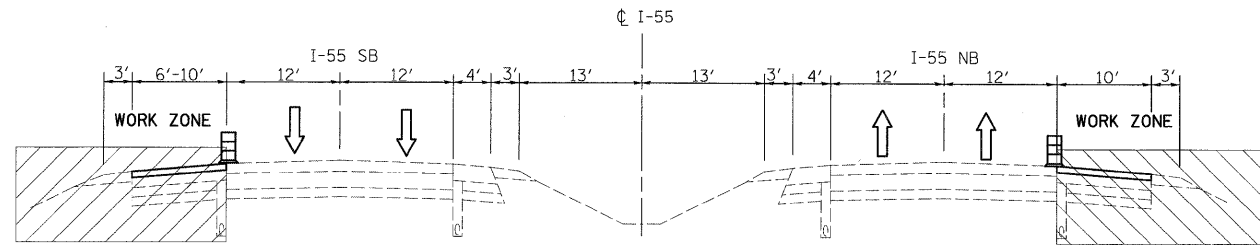
RECOMMENDED STAGING SEQUENCE

TRAFFIC	LOCATION OF TRAFFIC DURING DAYTIME OR PEAK HOURS	LOCATION OF TRAFFIC DURING CONSTRUCTION (NIGHT TIME OR OFF-PEAK HOURS)	APPLICABLE STANDARD DURING CONSTRUCTION
PRE-STAGE: I-55 NB & SB	EXISTING LANES	MEDIAN LANE	STANDARD 701400 - APPROACH TO LANE CLOSURE STANDARD 701401 - LANE CLOSURE, FREEWAY/EXPRESSWAY STANDARD 701411 - LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
STAGE 1: I-55 NB & SB	OUTSIDE SHOULDER AND RIGHT LANE	OUTSIDE SHOULDER AND RIGHT LANE	STANDARD 701400 - APPROACH TO LANE CLOSURE DISTRICT 1 STANDARD TC-9 - SINGLE & MULTILANE WEAVE DISTRICT 1 STANDARD TC-17 - TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
WEST FRONTAGE ROAD	EXISTING LANES	SINGLE TRAFFIC LANE	STANDARD 701206-02 LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS >45 MPH DISTRICT 1 STANDARD TC-10 - TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS.
STAGE 2: I-55 NB & SB	SEE MT-11 TO MT-14	SEE MT-11 TO MT-14	SEE MT-11 TO MT-14

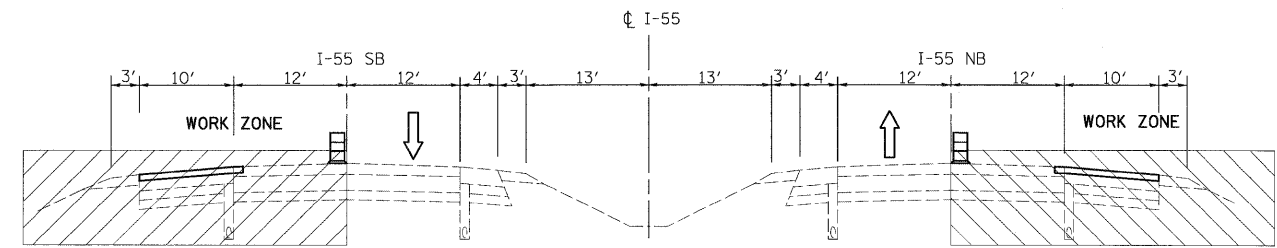
McDonough Associates Inc.
 Engineers/Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D160F71-SHT-STAGING01.dgn	USER NAME = TK1uege1	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - TRK	REVISED -			55	99-2HB-2-R	WILL	171	42	
		CHECKED - DLT	REVISED -			CONTRACT NO. 60F71					
		DATE - 03/20/09	REVISED -			SCALE: NONE	SHEET NO. 1 OF X SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

FINAL

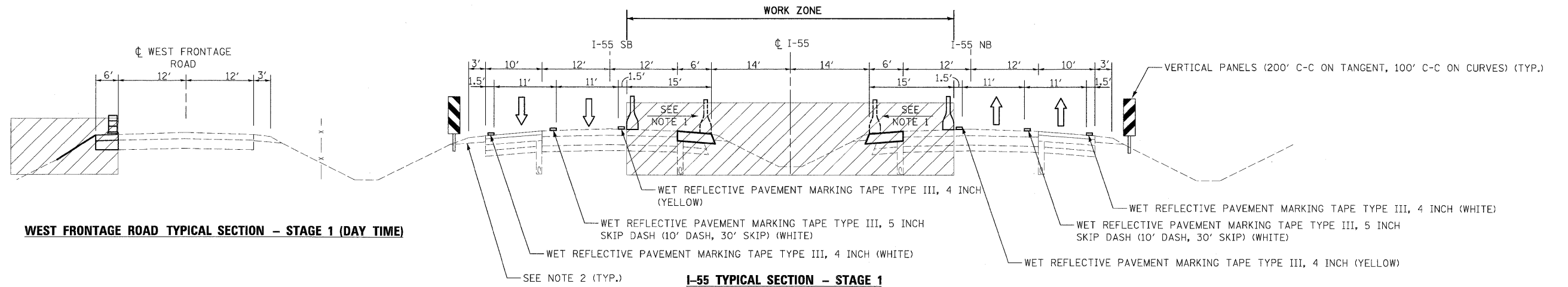


I-55 TYPICAL SECTION - PRE-STAGE (DAY TIME) OR PEAK HOURS



I-55 TYPICAL SECTION - PRE-STAGE (NIGHT TIME) OR OFF-PEAK

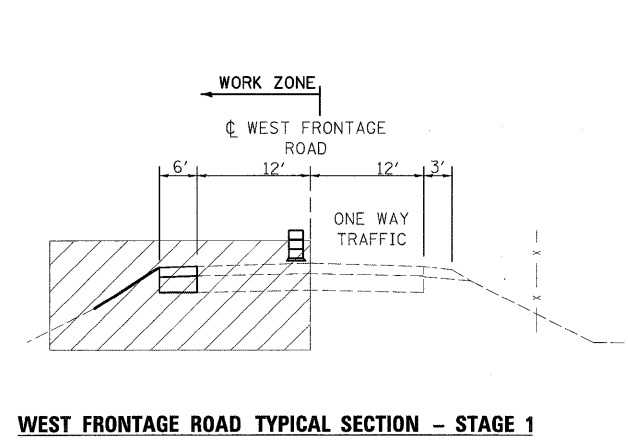
NOTE:
A 4" DIFFERENTIAL IN THE PAVEMENT SURFACE WILL BE ALLOWED FOR NO MORE THAN 24 HOURS. THE CONTRACTOR SHALL ONLY REMOVE IN ONE DAYS WORKING PERIOD WHAT CAN BE REPLACED IN THE FOLLOWING DAYS WORKING PERIOD. A 4" DIFFERENTIAL SHALL NOT BE ALLOWED OVER A WEEKEND OR THROUGH A HOLIDAY PERIOD.



WEST FRONTAGE ROAD TYPICAL SECTION - STAGE 1 (DAY TIME)

I-55 TYPICAL SECTION - STAGE 1

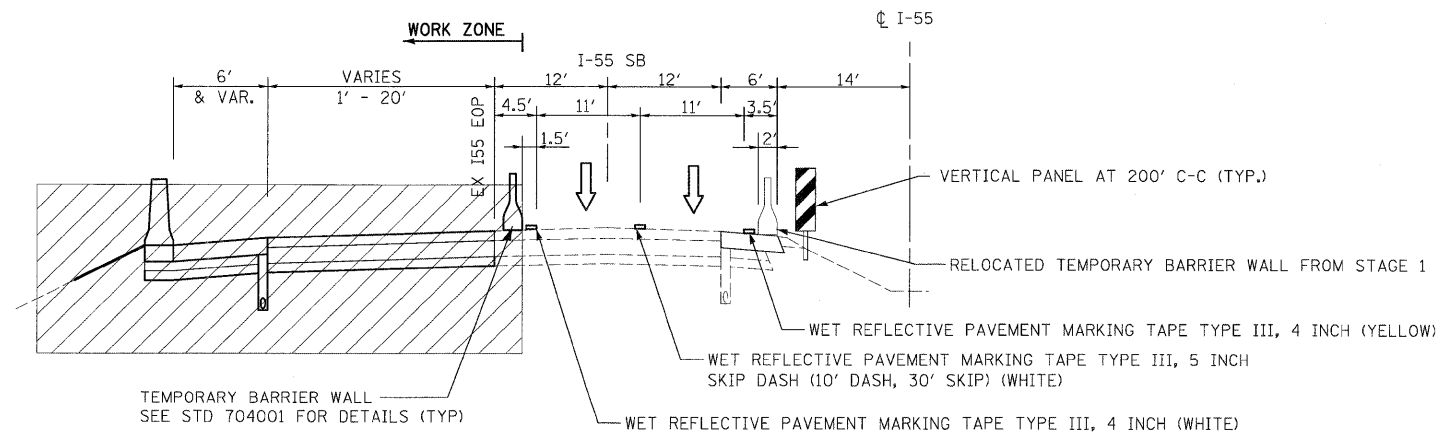
NOTE 1: RELOCATE TEMPORARY BARRIER WALL, STATE OWNED AFTER STAGE 1 TO BE USED IN FUTURE CONTRACTS
NOTE 2: AGGREGATE WEDGE SHOULDER, TYPE B SHALL BE PLACED PRIOR TO IMPLEMENTATION OF STAGE 1.



WEST FRONTAGE ROAD TYPICAL SECTION - STAGE 1

LANE CLOSURE WITH FLAGGERS

NIGHT TIME OR OFF-PEAK

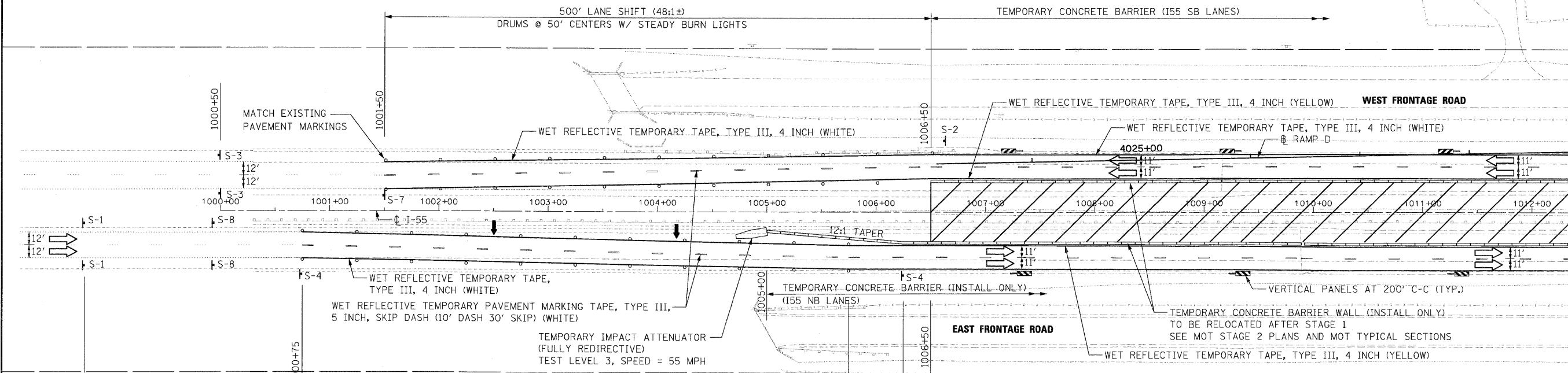
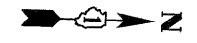


I-55 / RAMP D TYPICAL SECTION - STAGE 2

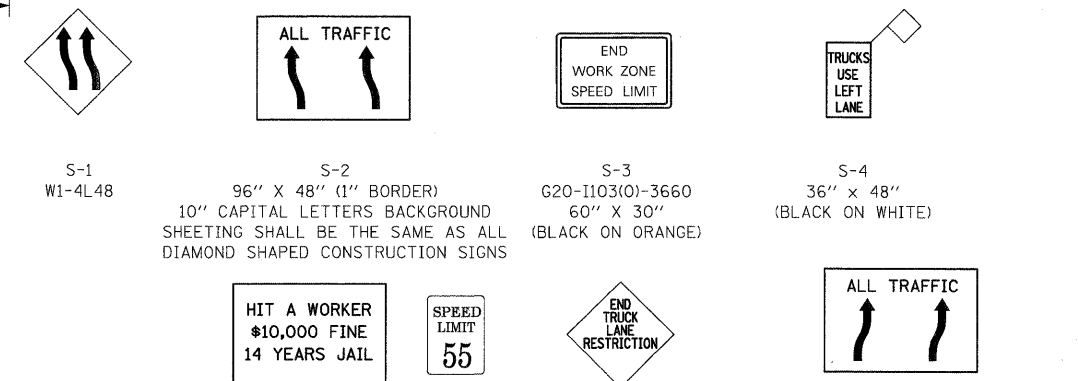
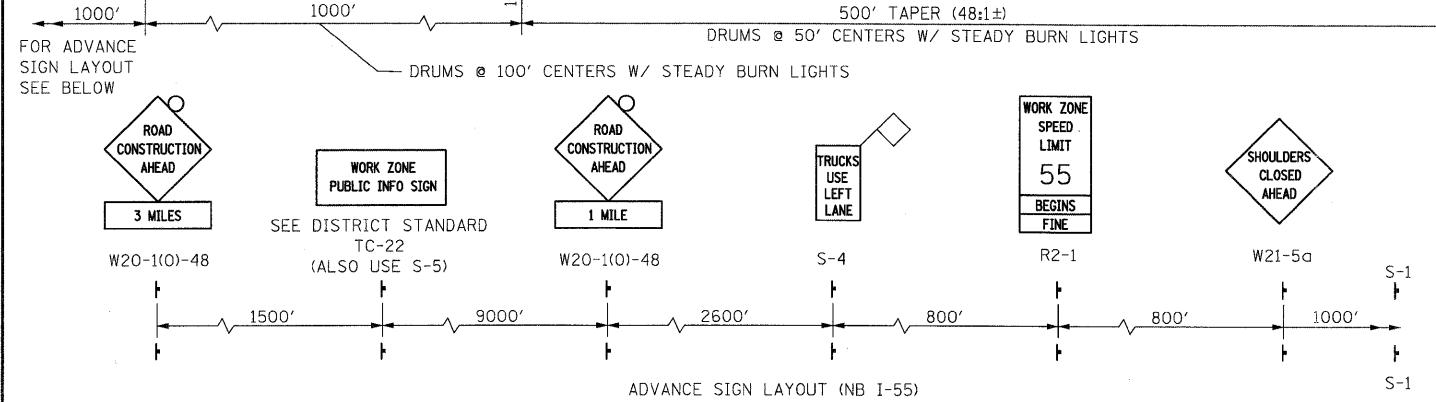
FOR LEGEND SEE SHEET MT-1

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130 East Randolph Street Chicago, Illinois 60601

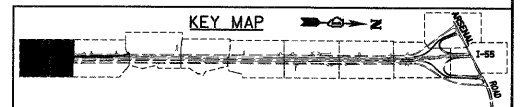
FILE NAME = D160F71-SHT-STAGING02.dgn	USER NAME = TKluegel	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTIONS	F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 43
PLOT SCALE = 1:10	CHECKED - DLT	REVISIED -	REVISIED -			SCALE: N.T.S.	SHEET NO. 2 OF X SHEETS	STA. TO STA.	CONTRACT NO. 60F71	
PLOT DATE = 3/19/2009	DATE - 03/20/09	REVISIED -	REVISIED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



MATCH LINE SEE SHEET MT-2
I-55 STATION 1012+35.00



- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE
 - DIRECTION OF TRAFFIC
 - PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
 - TYPE III BARRICADE
 - IMPACT ATTENUATOR WITH PAD
 - VERTICAL PANELS AT 200' C-C (TYP.)
 - W1-6R0-6030 ABOVE TYPE III BARRICADE



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FILE NAME = D:\60F71-SHT-STAGING\11.dgn	USER NAME = TKLuegal	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
PLOT SCALE = 1:50		CHECKED - DLT	REVISED -
PLOT DATE = 3/20/2009		DATE - 03/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
I-55 STAGE 1**

SCALE: 1"=50' SHEET NO. 1 OF 10 SHEETS STA. TO STA. 1012+35.00

F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 44
CONTRACT NO. 60F71			ILLINOIS FED. AID PROJECT	

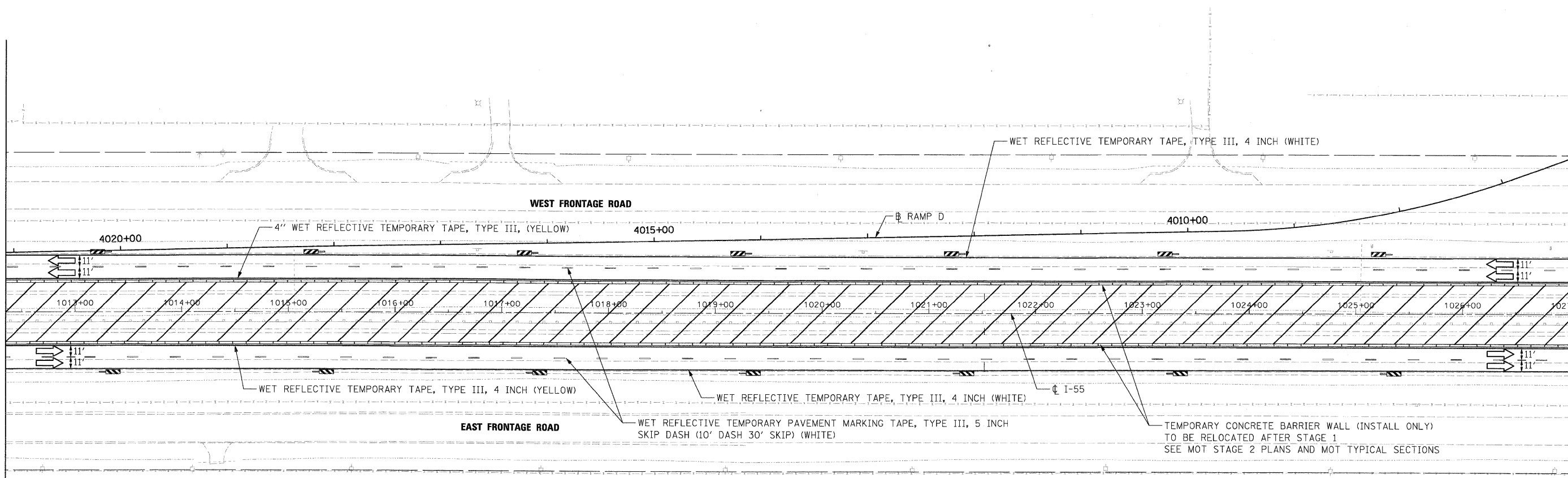
FINAL

MT-1



MATCH LINE SEE SHEET MT-1
I-55 STATION 1012+35.00

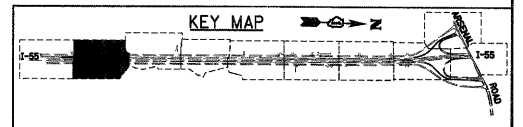
MATCH LINE SEE SHEET MT-3
I-55 STATION 1027+00.00



NOTE: SEE SHEET MT-1 FOR SIGNING LEGEND

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
- TYPE III BARRICADE
- IMPACT ATTENUATOR WITH PAD
- VERTICAL PANELS AT 200' C-C (TYP.)
- W1-6RO-6030 ABOVE TYPE III BARRICADE



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FILE NAME = D16071-SHT-STAGING12.dgn	USER NAME = TKLuegel	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
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





**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

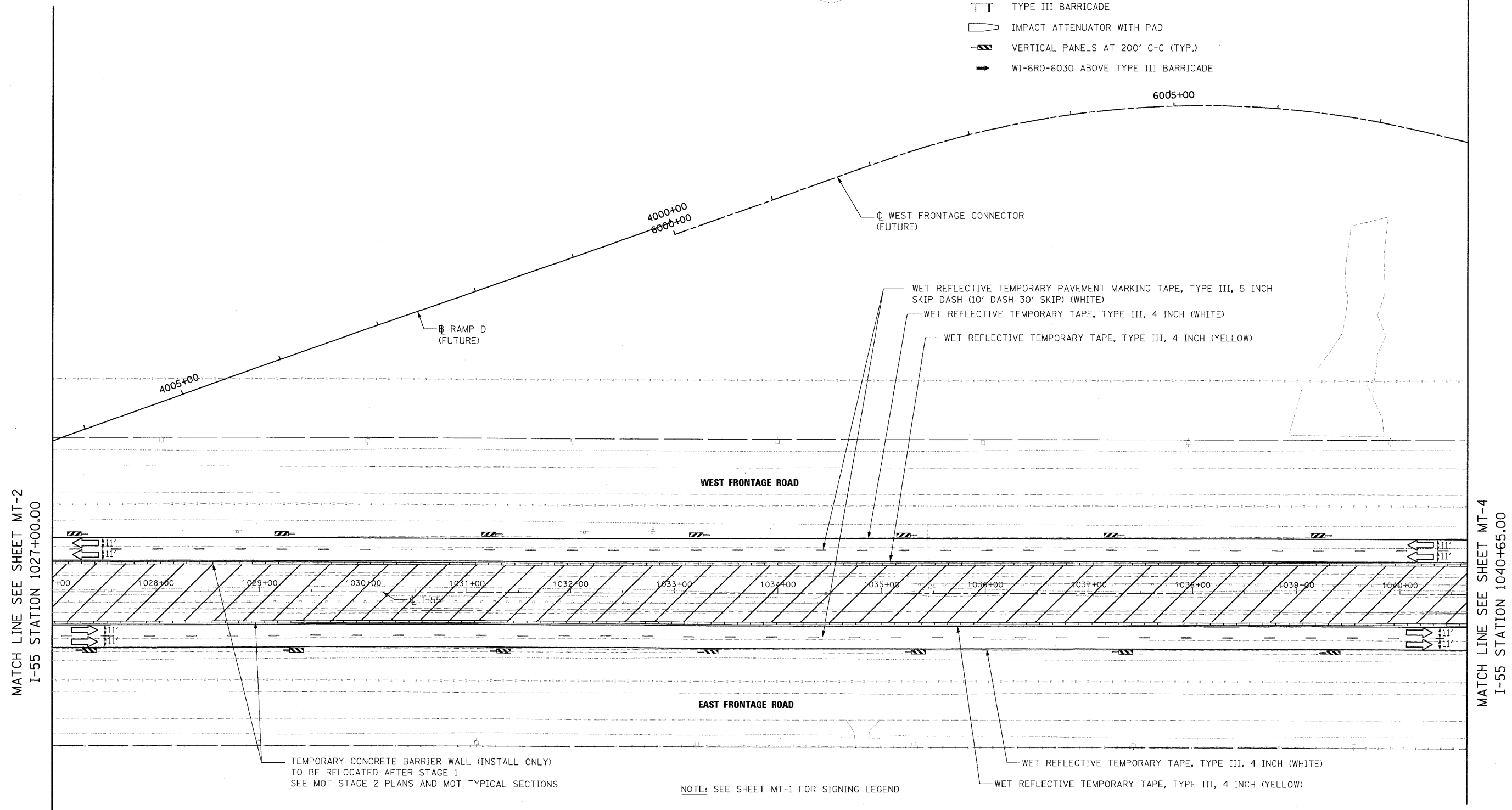
**MAINTENANCE OF TRAFFIC
I-55 STAGE 1**

SCALE: 1"=50' SHEET NO. 2 OF 10 SHEETS STA. 1012+35.00 TO STA. 1027+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	45
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC LEGEND

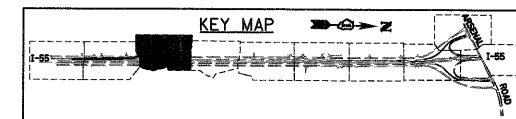
-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
-  TYPE III BARRICADE
-  IMPACT ATTENUATOR WITH PAD
-  VERTICAL PANELS AT 200' C-C (TYP.)
-  W1-6R0-6030 ABOVE TYPE III BARRICADE



MATCH LINE SEE SHEET MT-2
I-55 STATION 1027+00.00

MATCH LINE SEE SHEET MT-4
I-55 STATION 1040+65.00

NOTE: SEE SHEET MT-1 FOR SIGNING LEGEND



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FILE NAME = D160F71-SHT-STAGING13.dgn	USER NAME = TKJvegel	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 03/20/09	REVISED -

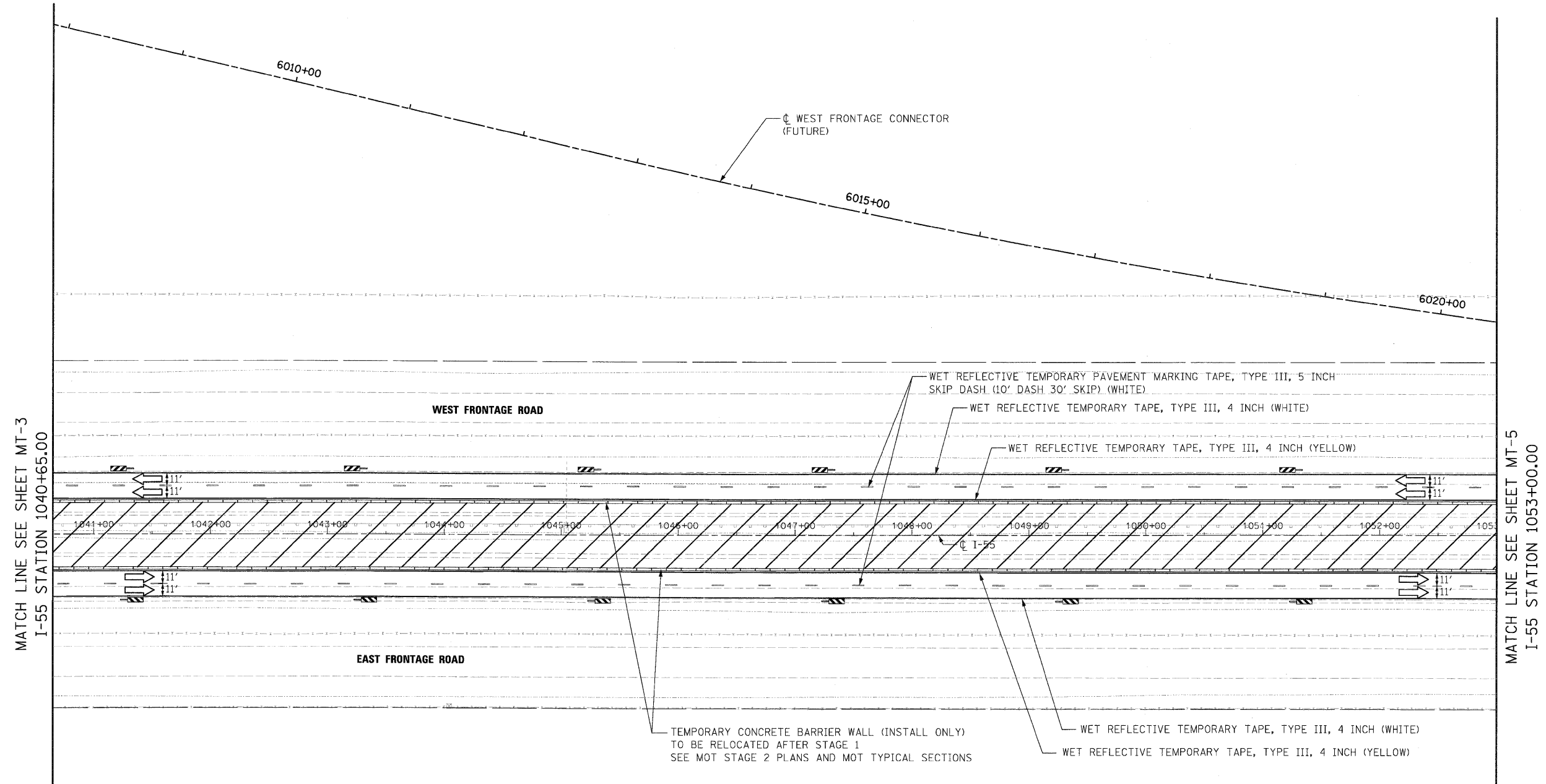
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
I-55 STAGE 1**

SCALE: 1"=50' SHEET NO. 3 OF 10 SHEETS STA. 1027+00.00 TO STA. 1040+65.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	46
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

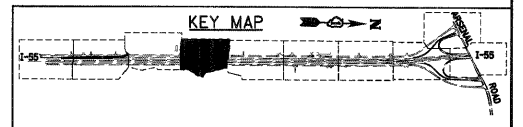
FINAL



TEMPORARY CONCRETE BARRIER WALL (INSTALL ONLY)
TO BE RELOCATED AFTER STAGE 1
SEE MOT STAGE 2 PLANS AND MOT TYPICAL SECTIONS

NOTE: SEE SHEET MT-1 FOR SIGNING LEGEND

- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE
 - DIRECTION OF TRAFFIC
 - PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
 - TYPE III BARRICADE
 - IMPACT ATTENUATOR WITH PAD
 - VERTICAL PANELS AT 200' C-C (TYP.)
 - W1-6R0-6030 ABOVE TYPE III BARRICADE



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FILE NAME = D:\68071-SHT-STAGING\14.dgn	USER NAME = TK1uegal	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 03/20/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
I-55 STAGE 1

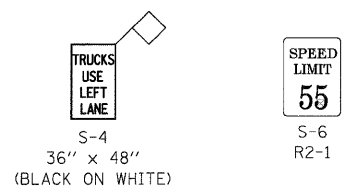
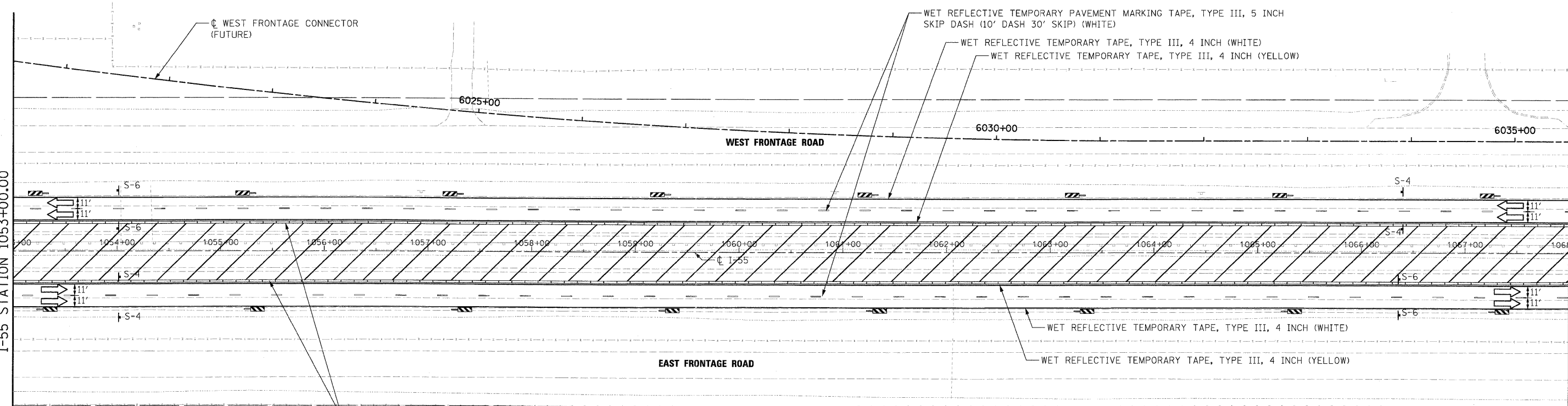
SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 1040+65.00 TO STA. 1053+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	47
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MATCH LINE SEE SHEET MT-4
I-55 STATION 1053+00.00

MATCH LINE SEE SHEET MT-6
I-55 STATION 1068+00.00



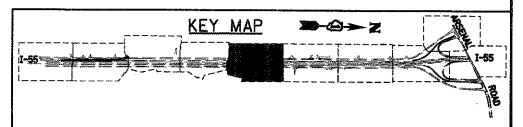
TEMPORARY CONCRETE BARRIER WALL (INSTALL ONLY)
TO BE RELOCATED AFTER STAGE 1
SEE MOT STAGE 2 PLANS AND MOT TYPICAL SECTIONS

WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH (WHITE)
WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH (YELLOW)

NOTE: SEE SHEET MT-1 FOR SIGNING LEGEND

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
- TYPE III BARRICADE
- IMPACT ATTENUATOR WITH PAD
- VERTICAL PANELS AT 200' C-C (TYP.)
- W1-6R0-6030 ABOVE TYPE III BARRICADE



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FILE NAME = D16071-SHT-STAGING15.dgn	USER NAME = TKLuegel	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
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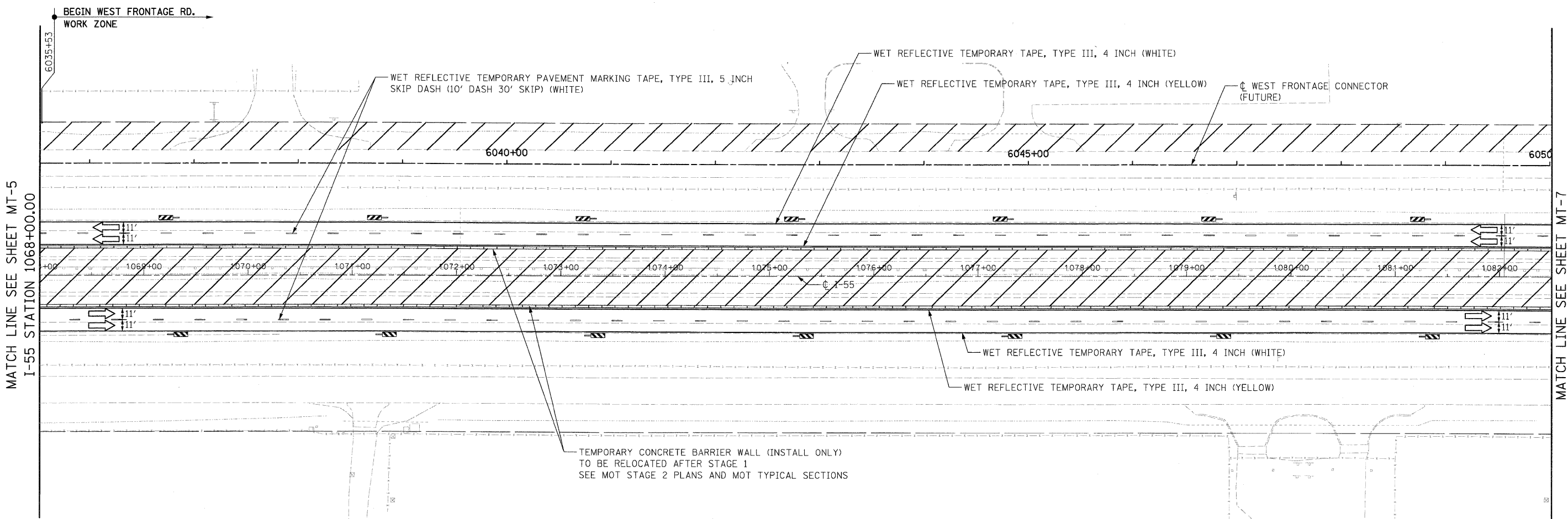
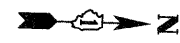
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
I-55 - STAGE 1**

SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 1040+65.00 TO STA. 1053+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	48
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



MATCH LINE SEE SHEET MT-5
I-55 STATION 1068+00.00

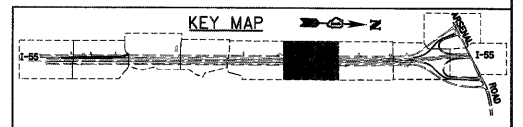
MATCH LINE SEE SHEET MT-7
I-55 STATION 1082+50.00

TEMPORARY CONCRETE BARRIER WALL (INSTALL ONLY)
TO BE RELOCATED AFTER STAGE 1
SEE MOT STAGE 2 PLANS AND MOT TYPICAL SECTIONS

NOTE: SEE SHEET MT-1 FOR SIGNING LEGEND

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
- TYPE III BARRICADE
- IMPACT ATTENUATOR WITH PAD
- VERTICAL PANELS AT 200' C-C (TYP.)
- W1-6R0-6030 ABOVE TYPE III BARRICADE



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FILE NAME = D160771-SHT-STAGIND16.dgn	USER NAME = TKIvage1	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
PLOT SCALE = 1:50		CHECKED - DLT	REVISED -
PLOT DATE = 3/19/2009		DATE - 03/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

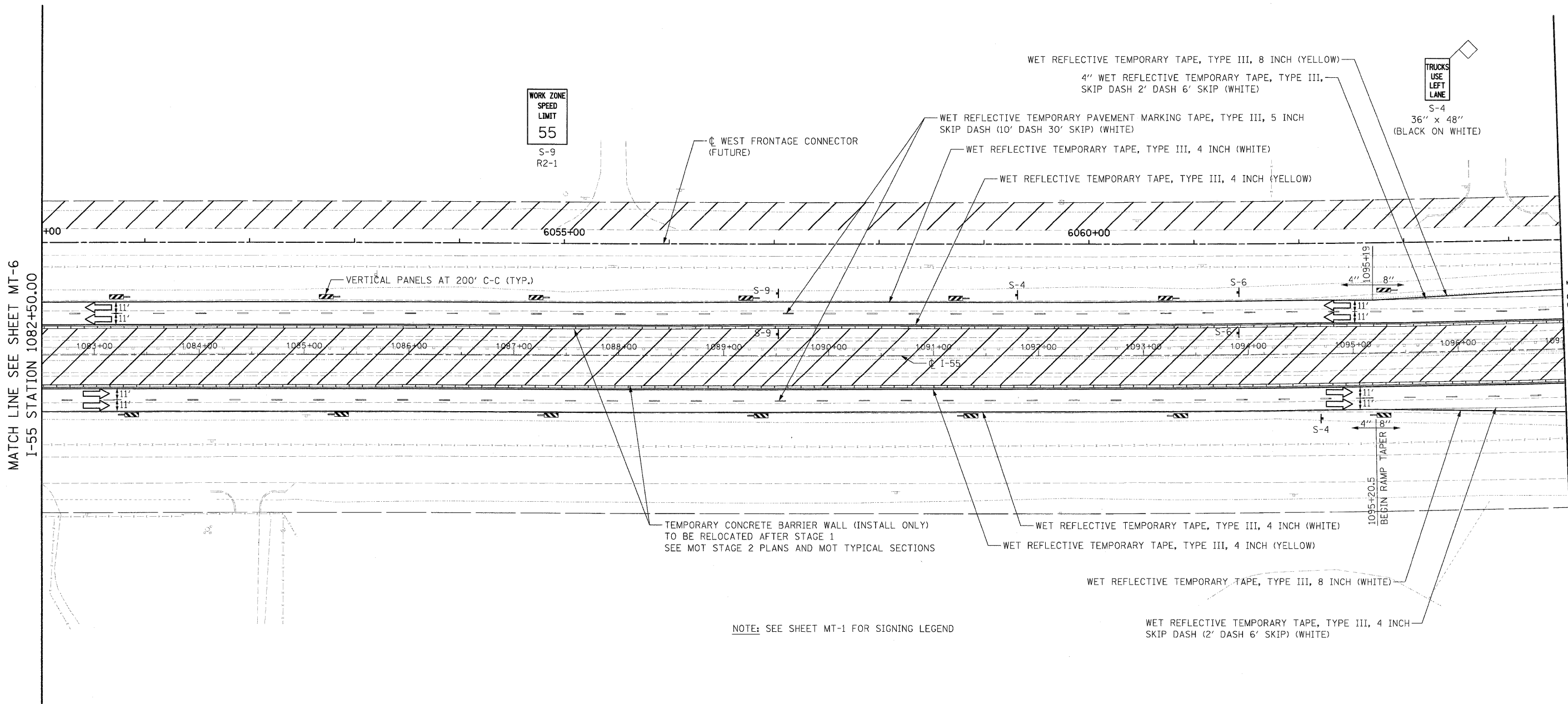
**MAINTENANCE OF TRAFFIC
I-55 STAGE 1**

SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 1040+65.00 TO STA. 1053+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60F71				

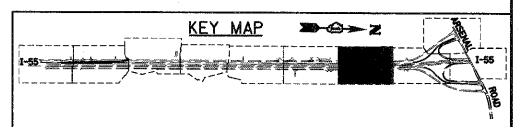
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

FINAL



NOTE: SEE SHEET MT-1 FOR SIGNING LEGEND

- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE
 - DIRECTION OF TRAFFIC
 - PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
 - TYPE III BARRICADE
 - IMPACT ATTENUATOR WITH PAD
 - VERTICAL PANELS AT 200' C-C (TYP.)
 - W1-6R0-6030 ABOVE TYPE III BARRICADE



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FILE NAME =	USER NAME = TKluegel
D160F71-SHT-STA3ING17.dgn	
PLOT SCALE = 1:50	
PLOT DATE = 3/19/2009	

DESIGNED - TRK	REVISED -
DRAWN - TRK	REVISED -
CHECKED - DLT	REVISED -
DATE - 03/20/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC	
I-55 STAGE 1	
SCALE: 1"=50'	SHEET NO. 4 OF 10 SHEETS
STA. 1040+65.00 TO STA. 1053+00.00	

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	50
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F71	

FINAL



MATCH LINE SEE SHEET MT-9
WEST FRONTAGE CONNECTOR
STATION 6074+00.00

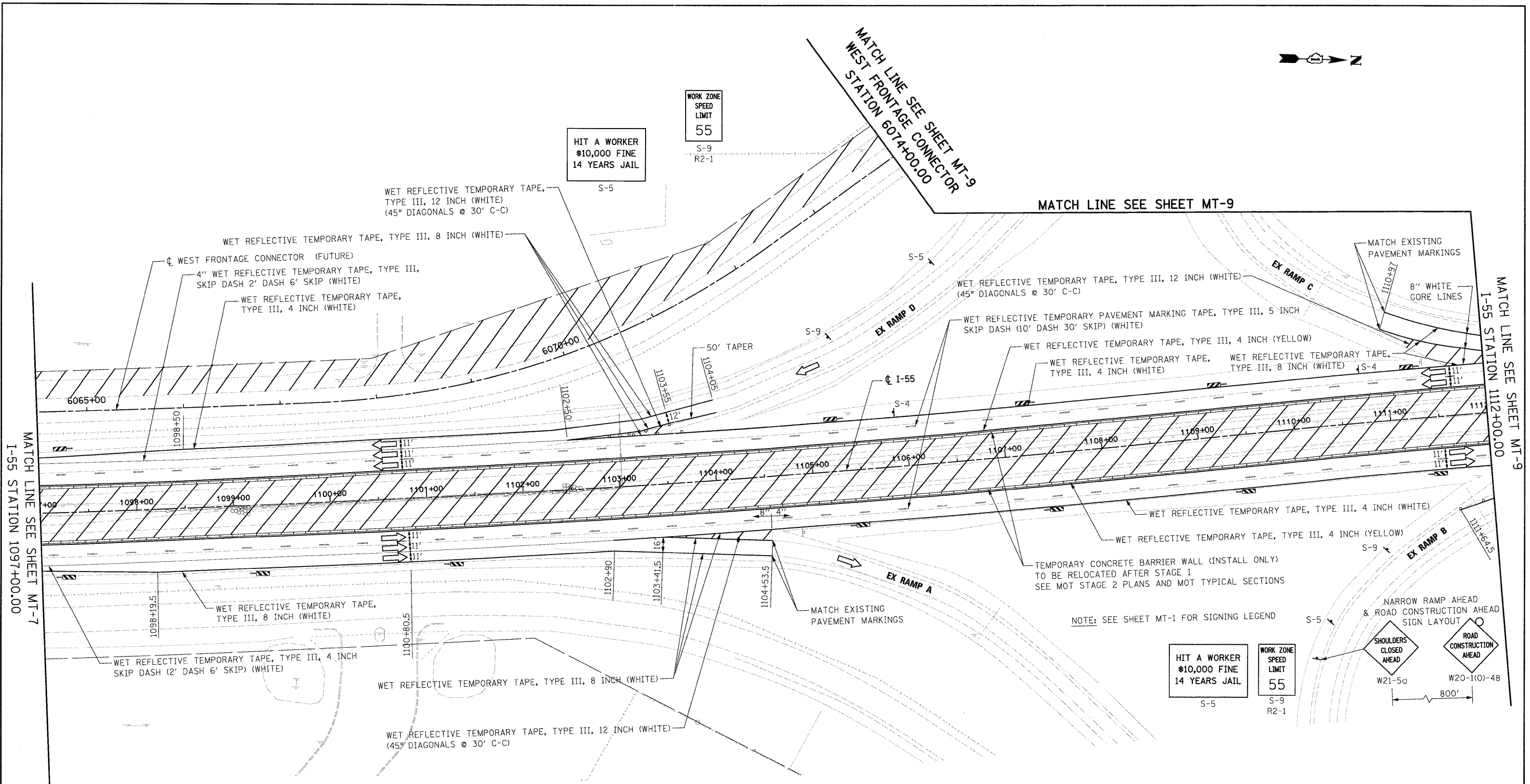
WORK ZONE
SPEED
LIMIT
55
S-9
R2-1

HIT A WORKER
\$10,000 FINE
14 YEARS JAIL
S-5

MATCH LINE SEE SHEET MT-9

MATCH LINE SEE SHEET MT-9
I-55 STATION 1112+00.00

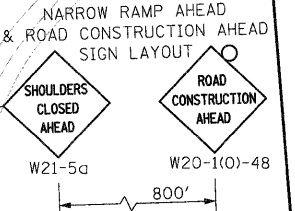
MATCH LINE SEE SHEET MT-7
I-55 STATION 1097+00.00



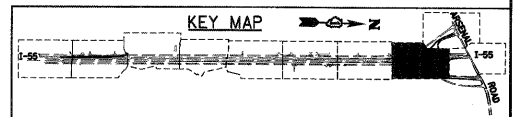
- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE
 - DIRECTION OF TRAFFIC
 - PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
 - TYPE III BARRICADE
 - IMPACT ATTENUATOR WITH PAD
 - VERTICAL PANELS AT 200' C-C (TYP.)
 - W1-6R0-6030 ABOVE TYPE III BARRICADE

HIT A WORKER
\$10,000 FINE
14 YEARS JAIL
S-5

WORK ZONE
SPEED
LIMIT
55
S-9
R2-1



NOTE: SEE SHEET MT-1 FOR SIGNING LEGEND



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FILE NAME =	D:\6071-SHT-STAGING18.dgn
USER NAME =	TKLuegl
PLOT SCALE =	1:50
PLOT DATE =	3/19/2009

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DRAWN -	TRK
CHECKED -	DLT
DATE -	03/20/09

REVISED -	
REVISED -	
REVISED -	
REVISED -	

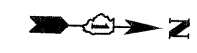
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
I-55 WEST FRONTAGE CONNECTOR STAGE 1

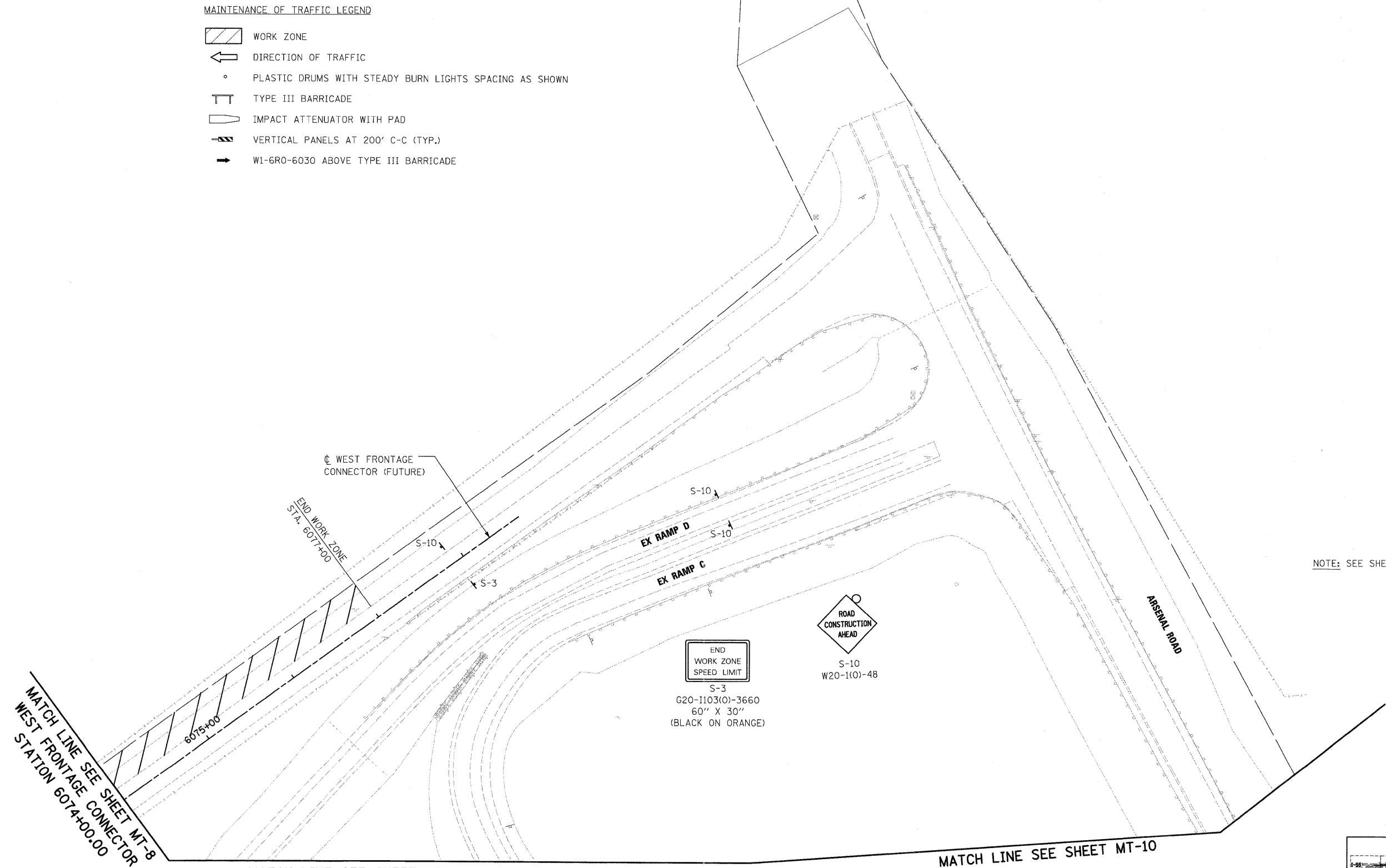
SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 1040+65.00 TO STA. 1053+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	51
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



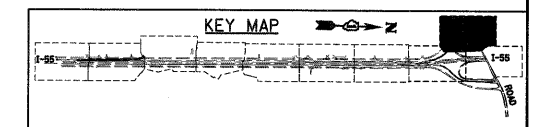
- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE
 - DIRECTION OF TRAFFIC
 - PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
 - TYPE III BARRICADE
 - IMPACT ATTENUATOR WITH PAD
 - VERTICAL PANELS AT 200' C-C (TYP.)
 - W1-6R0-6030 ABOVE TYPE III BARRICADE



NOTE: SEE SHEET MT-1 FOR SIGNING LEGEND

MATCH LINE SEE SHEET MT-8
WEST FRONTAGE CONNECTOR
STATION 6074+00.00

MATCH LINE SEE SHEET MT-10



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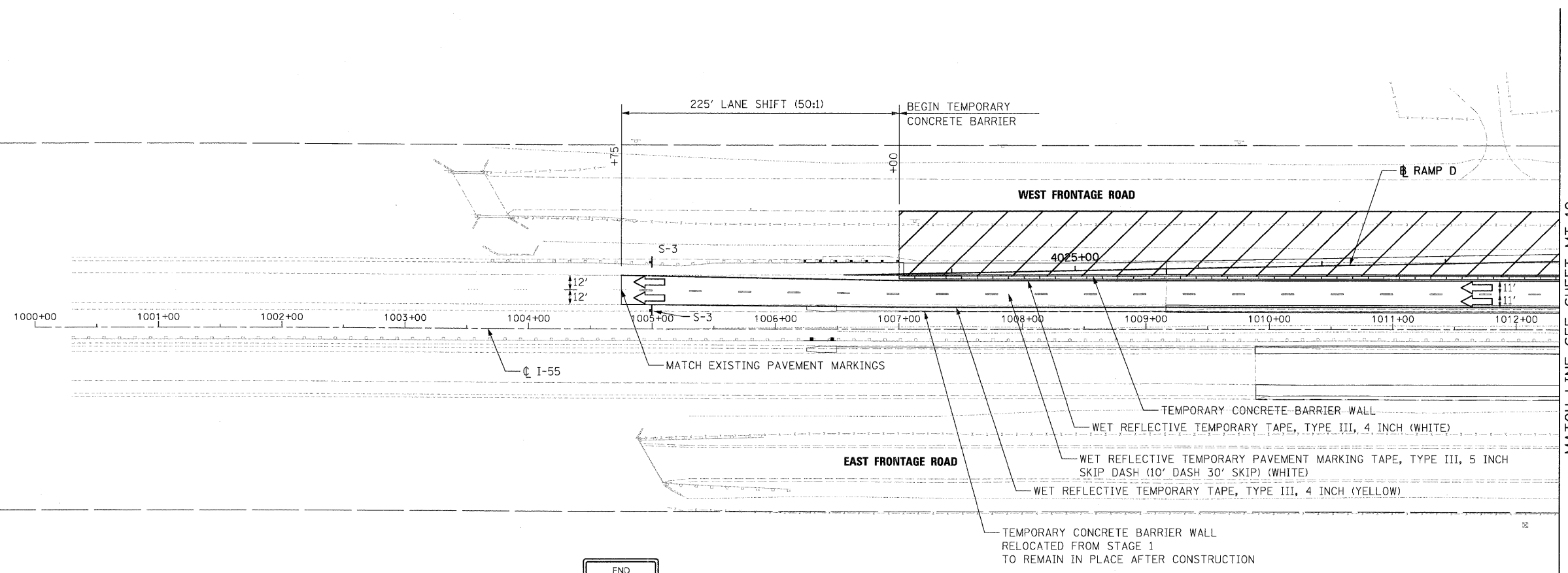
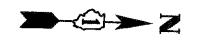
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PLCT DATE = 3/19/2009	DATE - 03/20/09		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
WEST FRONTAGE CONNECTOR STAGE 1**

SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 1040+65.00 TO STA. 1053+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	52
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MATCH LINE SEE SHEET MT-12
I-55 STATION 1012+35.00

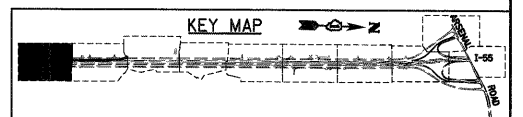
MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
- TYPE III BARRICADE
- IMPACT ATTENUATOR WITH PAD
- VERTICAL PANELS AT 200' C-C (TYP.)

END
WORK ZONE
SPEED LIMIT

S-3
G20-I103(0)-3660
60" X 30"
(BLACK ON ORANGE)

NOTE: SEE SHEET MT-1 FOR SIGNING LEGEND



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FILE NAME = D168771-SHT-STAGING21.dgn	USER NAME = TKLuege	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
	PLOT SCALE = 1:50	CHECKED - DLT	REVISED -
	PLOT DATE = 3/19/2009	DATE - 03/20/09	REVISED -

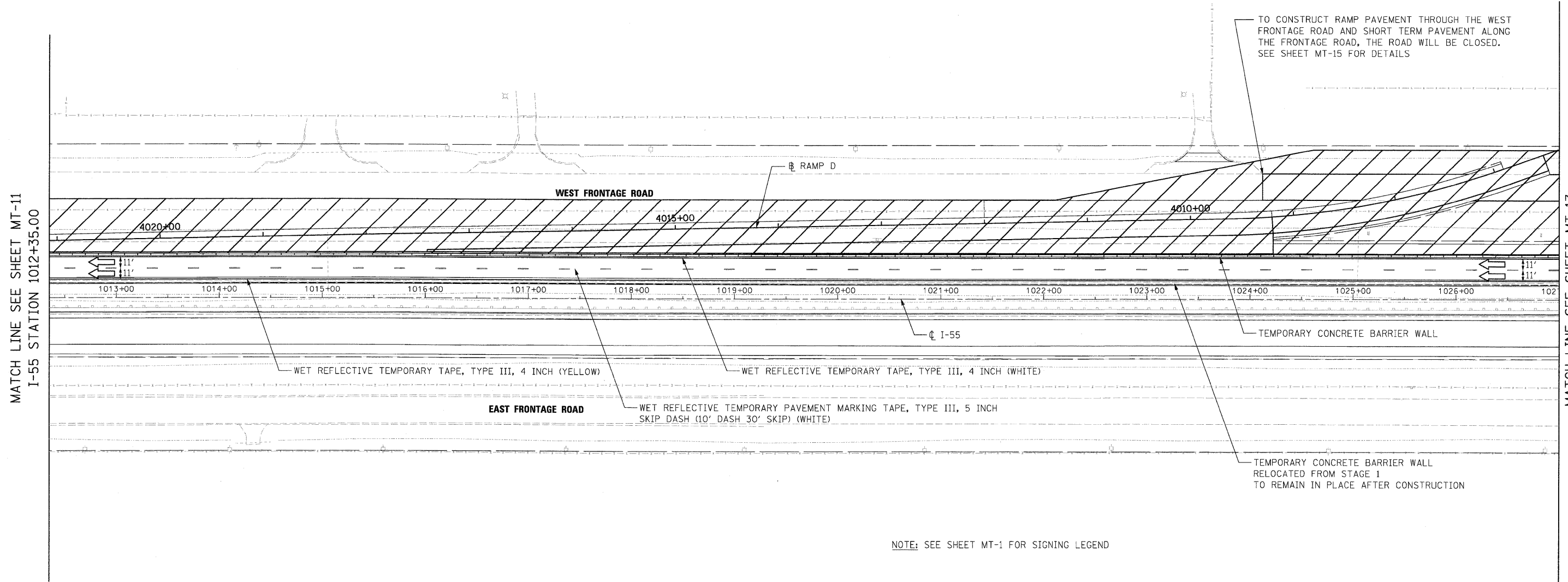
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
I-55 /RAMP D STAGE 2**

SCALE: 1"=50' SHEET NO. 1 OF 10 SHEETS STA. TO STA. 1012+35.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	54
CONTRACT NO. 60F71				

FINAL

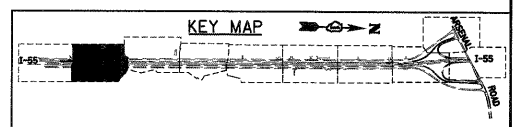


MATCH LINE SEE SHEET MT-11
I-55 STATION 1012+35.00

MATCH LINE SEE SHEET MT-13
I-55 STATION 1027+00.00

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
- TYPE III BARRICADE
- IMPACT ATTENUATOR WITH PAD
- VERTICAL PANELS AT 200' C-C (TYP.)



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FILE NAME = D162F71-SHT-STAG1022.dgn	USER NAME = TKluagel	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
	PLOT SCALE = 1:50	CHECKED - DLT	REVISED -
	PLOT DATE = 3/20/2009	DATE - 03/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
I-55 / RAMP D STAGE 2**

SCALE: 1"=50' SHEET NO. 2 OF 10 SHEETS STA. 1012+35.00 TO STA. 1027+00.00

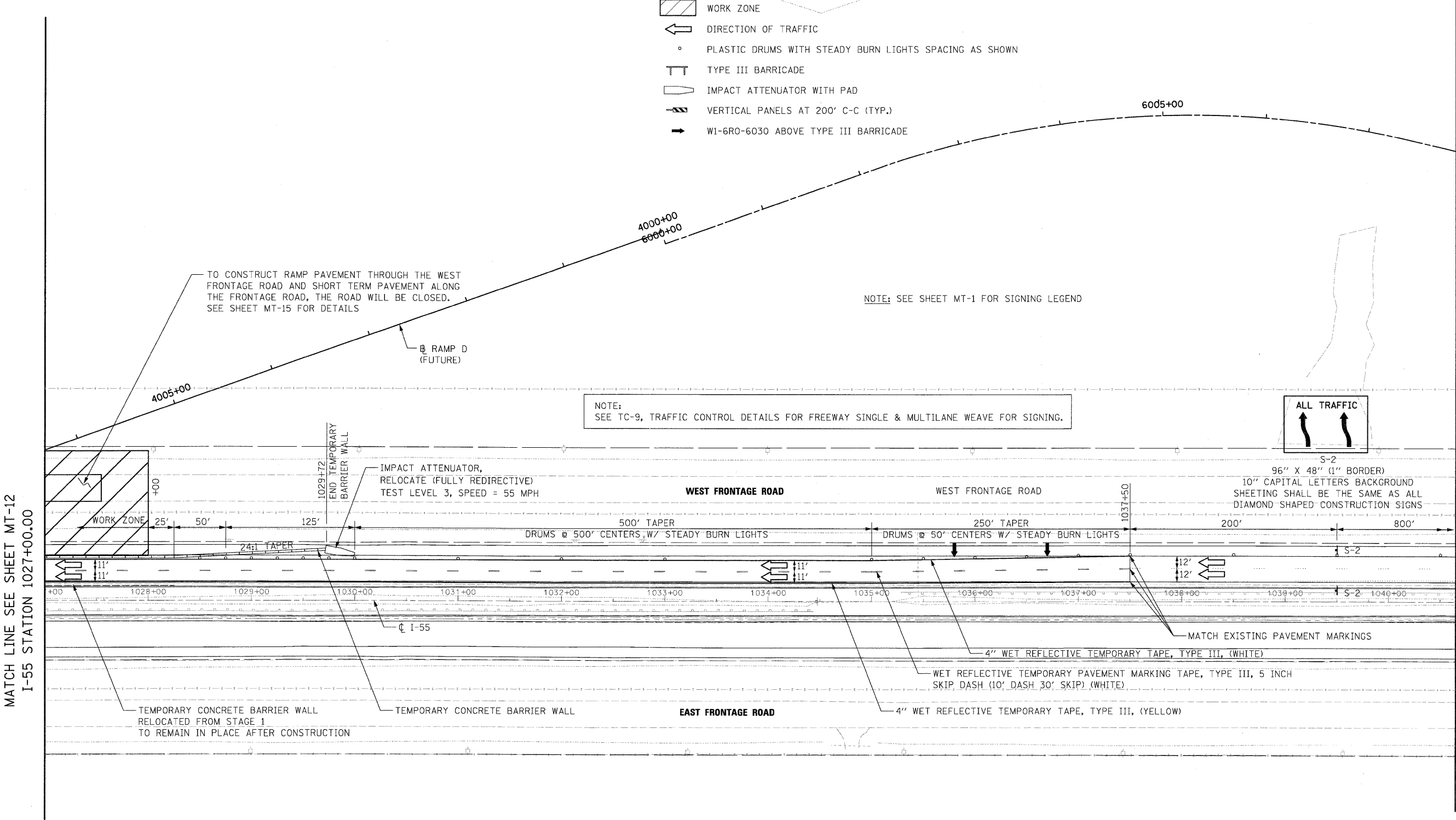
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	55
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F71	

FINAL



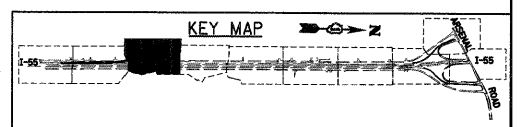
MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
- TYPE III BARRICADE
- IMPACT ATTENUATOR WITH PAD
- VERTICAL PANELS AT 200' C-C (TYP.)
- W1-6R0-6030 ABOVE TYPE III BARRICADE



MATCH LINE SEE SHEET MT-12
I-55 STATION 1027+00.00

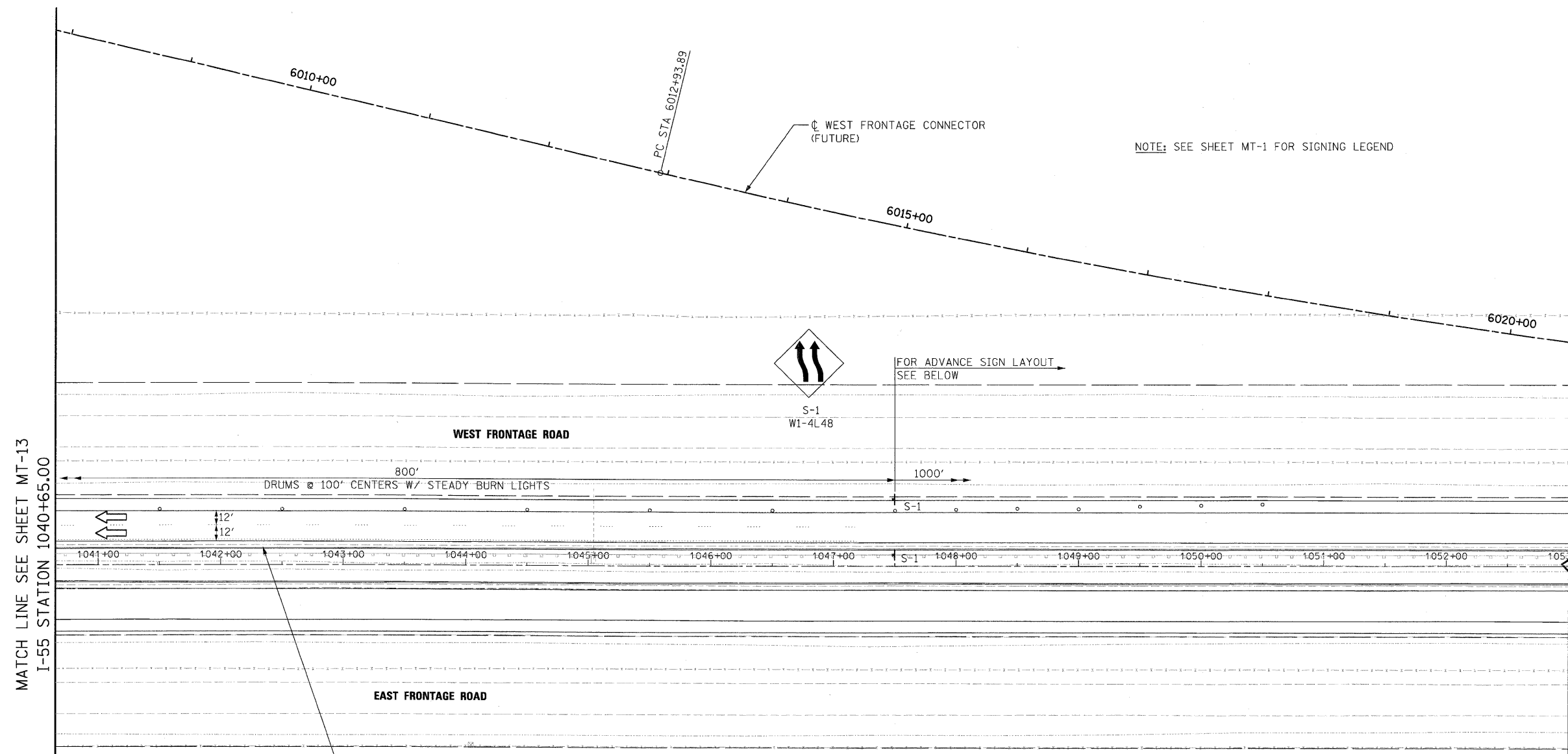
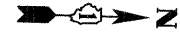
MATCH LINE SEE SHEET MT-14
I-55 STATION 1040+65.00



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

FILE NAME = D160771-SHT-STAGING23.dgn	USER NAME = TKluegel	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC I-55 /RAMP D STAGE 2	F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 56	
PLOT SCALE = 1:50	CHECKED - DLT	REVISED -	SCALE: 1"=50'			SHEET NO. 3 OF 10 SHEETS	STA. 1027+00.00 TO STA. 1040+65.00	CONTRACT NO. 60F71		ILLINOIS FED. AID PROJECT	
PLOT DATE = 3/19/2009	DATE - 03/20/09	REVISED -									

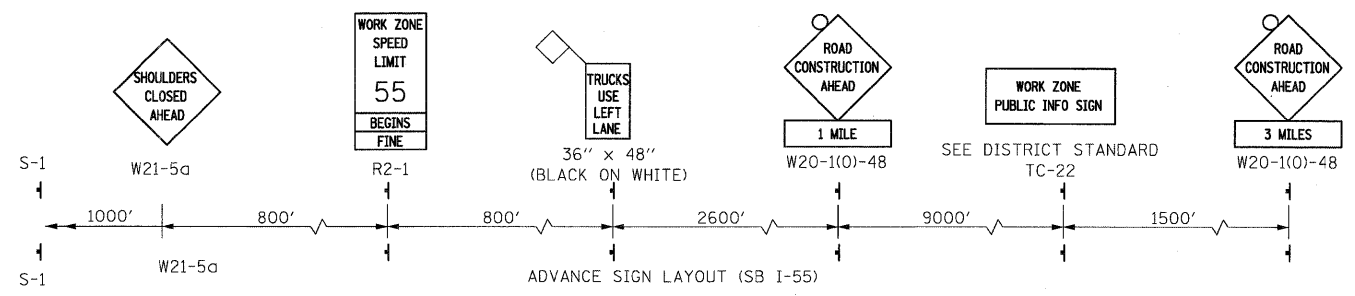
FINAL



MATCH LINE SEE SHEET MT-13
I-55 STATION 1040+65.00

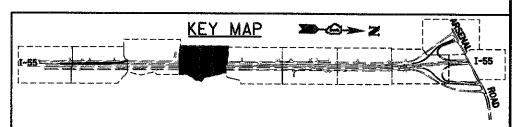
NOTE: SEE SHEET MT-1 FOR SIGNING LEGEND

- MAINTENANCE OF TRAFFIC LEGEND**
- WORK ZONE
 - DIRECTION OF TRAFFIC
 - PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
 - TYPE III BARRICADE
 - IMPACT ATTENUATOR WITH PAD
 - VERTICAL PANELS AT 200' C-C (TYP.)
 - W1-6RO-6030 ABOVE TYPE III BARRICADE



TEMPORARY CONCRETE BARRIER WALL
RELOCATED FROM STAGE 1
TO REMAIN IN PLACE AFTER CONSTRUCTION

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130 East Randolph Street, Chicago, Illinois 60601



FILE NAME =	USER NAME = TKIvege
D160F71-SHT-STAGING24.dgn	
PLOT SCALE = 1:50	
PLOT DATE = 3/19/2009	

DESIGNED - TRK	REVISED -
DRAWN - TRK	REVISED -
CHECKED - DLT	REVISED -
DATE - 03/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








**MAINTENANCE OF TRAFFIC
I-55 /RAMP D STAGE 2**

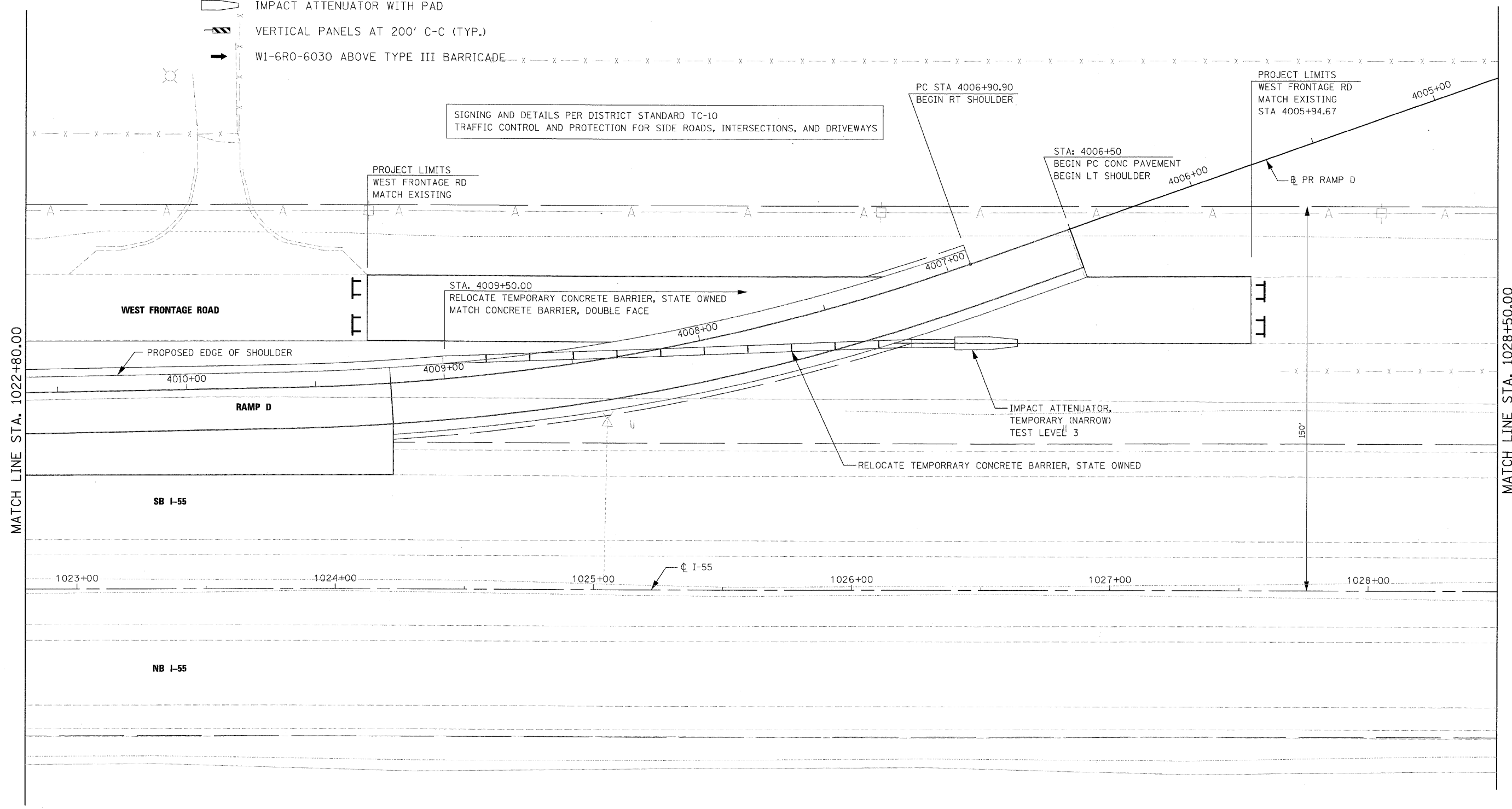
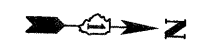
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	57
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL

MAINTENANCE OF TRAFFIC LEGEND

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  PLASTIC DRUMS WITH STEADY BURN LIGHTS SPACING AS SHOWN
-  TYPE III BARRICADE
-  IMPACT ATTENUATOR WITH PAD
-  VERTICAL PANELS AT 200' C-C (TYP.)
-  W1-6R0-6030 ABOVE TYPE III BARRICADE



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 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

FILE NAME = D160F71-SHT-STAGINC25.dgn	USER NAME = TKLuegel	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 2 SHORT TERM LANE CLOSURE DETAIL		F.A.I RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 58
PLCT SCALE = 1:20	CHECKED - DLT	DATE - 03/20/09	REVISED -		SCALE: 1"=20'	SHEET NO. 1 OF 4 SHEETS	STA. TO STA. 1022+80.00	CONTRACT NO. 60F71		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
PLCT DATE = 3/19/2009	DATE - 03/20/09	REVISED -									

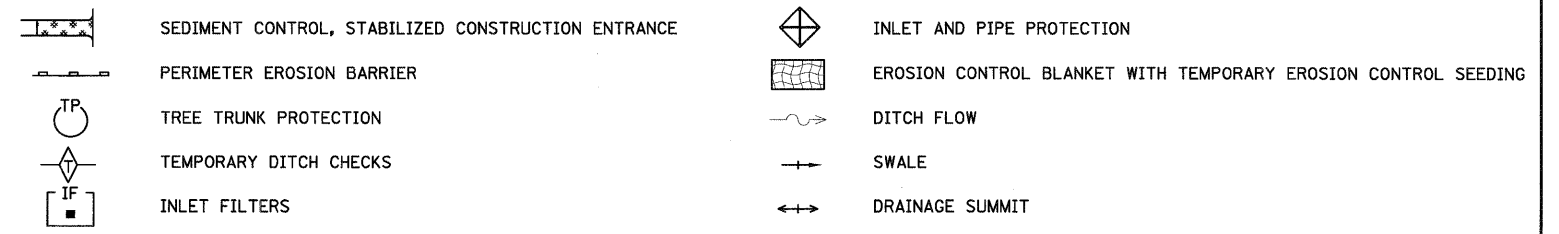
FINAL

EROSION AND SEDIMENT CONTROL

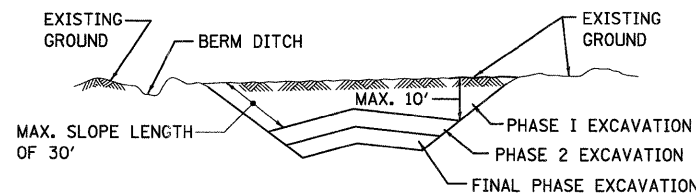
GENERAL NOTES

1. THE WORK DESCRIBED ON THESE DRAWINGS ARE AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN A NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.
2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT, OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS, ON DOWNSTREAM AREAS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT.
4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.
5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
6. ALL PERMANENT SEDIMENT BASINS, PERMANENT STORM WATER CONTROL MEASURES, AND RUNOFF CONTROL MEASURES REQUIRED TO KEEP OFF-SITE RUNOFF FROM FLOWING OVER THE CONSTRUCTION AREA WILL BE INSTALLED BEFORE CLEARING AND STRIPPING OF THE SITE PROCEEDS.
7. A MAXIMUM OF 10 ACRES MAY BE IN SOME STAGE OF GRADING AT A SINGLE TIME. ADDITIONAL AREAS (UP TO 10 ACRES) MAY BE CLEARED BUT WILL NOT BE STRIPPED OF VEGETATION UNTIL THE GRADED AREAS HAVE BEEN PROTECTED FROM EROSION THROUGH INSTALLATION OF EITHER TEMPORARY OR PERMANENT MEASURES. WHENEVER POSSIBLE, THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT AREA.
 - (A) WHEN BALANCING EARTHWORK (BORROW FROM A CUT USED AS FILL AT A LOCATION DISTANT FROM THE CUT) THE ENGINEER WILL CONSIDER ALLOWING MORE THAN 10 ACRES OF GRADING AT A TIME. THE 10 ACRE LIMITATION DOES NOT INCLUDE HAUL ROADS, BRIDGE CONSTRUCTION WORK AREAS AND STORAGE AREAS.
 - (B) VARIATIONS TO THE ABOVE MAY BE CONSIDERED BY THE ENGINEER UNDER ALL THE FOLLOWING CONDITIONS:
 - IF THE CONTRACTOR FALLS BEHIND SCHEDULE THROUGH NO FAULT OF HIS OWN.
 - THE CONTRACTOR MUST PRESENT A SCHEDULE DEMONSTRATING THE NEED FOR SUCH VARIATION IN ORDER TO COMPLETE THE WORK ON TIME.
 - THE CONTRACTOR MUST COMPLY WITH ALL OTHER CONTRACT REQUIREMENTS.
8. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 7 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.
9. STABILIZATION OF CUT OR FILL SLOPES WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10 FEET VERTICALLY OR THE FINISHED SLOPE EQUALS 30 FEET, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.
10. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES AND ARE TO HAVE TAKEN AN APPROVED EROSION AND SEDIMENT CONTROL TRAINING COURSE. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 0.5 INCH.

EROSION AND SEDIMENT CONTROL LEGEND



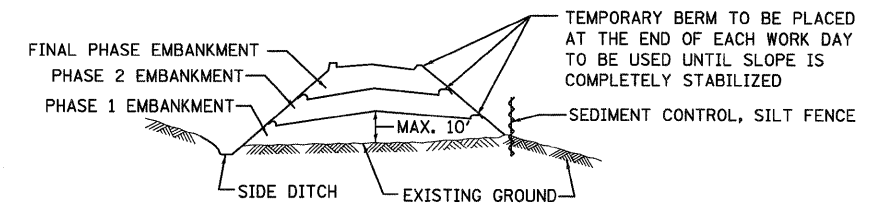
EXCAVATION PHASING PLAN-CUT SECTION



NOTES:

1. ALL CUT SLOPES SHALL BE EXCAVATED AND STABILIZED (PLACE TOPSOIL, PREPARE SEEDBED, APPLY SEED, PROTECT SLOPE WITH MULCH OR EROSION BLANKET) AS THE WORK PROGRESSES.
2. CONSTRUCTION SEQUENCE FOR EXCAVATION:
 - (A) EXCAVATE AND STABILIZE BERM, SIDE AND OUTLET DITCHES, PROVIDE SEDIMENT TRAPS FOR DITCHES.
 - (B) PERFORM PHASE 1 EXCAVATION AND STABILIZE SLOPES WITH PERMANENT SEEDING.
 - (C) PERFORM PHASE 2 EXCAVATION AND STABILIZE SLOPES WITH PERMANENT SEEDING. OVERSEED PHASE 1 SLOPES, IF REQUIRED.
 - (D) PERFORM FINAL PHASE EXCAVATION, AND STABILIZE WITH PERMANENT VEGETATIVE PLAN ON THE ENTIRE SLOPE. STABILIZE SURFACE DRAIN DITCHES. OVERSEED PHASE 1 & 2 SLOPES, IF REQUIRED, AS DETERMINED BY THE ENGINEER.
3. IF PERMANENT SEEDING CANNOT BE PLACED DUE TO CONTRACT REQUIREMENTS REGARDING PLANTING SEASONS, THE CUT SLOPE IS TO HAVE TOPSOIL PLACED AND SEEDBED PREPARED PRIOR TO USING TEMPORARY STABILIZATION WITH STRAW MULCH OR TEMPORARY SEEDING WITH EROSION BLANKET.
4. THE CONTRACTOR HAS THE OPTION OF DELAYING TOPSOIL AND/OR SEEDING BEYOND THE 10 FOOT VERTICAL LIMITATION. (SEE GENERAL NOTE 9) IF SO THE CUT SLOPE MUST BE TEMPORARILY STABILIZED AT NO COST TO THE DEPARTMENT.
5. ONCE THE EXCAVATION WITHIN A SPECIFIC AREA HAS BEGUN, THE OPERATION SHALL BE CONTINUOUS FROM STRIPPING THROUGH THE COMPLETION OF THE GRADING AND PLACEMENT OF SLOPE STABILIZATION MEASURES. ANY INTERRUPTIONS IN THE OPERATION 14 DAYS OR MORE MUST BE APPROVED BY THE ENGINEER. ANY VIOLATIONS OF THIS REQUIREMENT WILL RESULT IN THE CONTRACTOR ASSUMING THE RESPONSIBILITY OF PLACING TEMPORARY STABILIZATION AT HIS OWN COST AND EXPENSE AS DIRECTED BY THE ENGINEER.

EMBANKMENT PHASING PLAN-FILL SECTION



NOTES:

1. THE EMBANKMENT WILL BE MADE IN STAGES NOT TO EXCEED 10'. THE EMBANKMENT SLOPES WILL BE STABILIZED USING TEMPORARY MEASURES BEFORE BEGINNING NEXT STAGE.
2. AT THE END OF EACH WORK DAY TEMPORARY BERMS (EARTH) AND TEMPORARY PIPE SLOPE DRAINS WILL BE CONSTRUCTED ALONG THE TOP EDGE(S) OF THE EMBANKMENT TO INTERCEPT SURFACE RUNOFF.
3. CONSTRUCTION SEQUENCE FOR EMBANKMENT
 - (A) EXCAVATE AND STABILIZE SIDE DITCH AND/OR INSTALL PROPOSED PERIMETER CONTROLS AT THE TOE OF SLOPE.
 - (B) PLACE PHASE 1 EMBANKMENT AND STABILIZE WITH TEMPORARY SEEDING AND MULCH.
 - (C) PLACE PHASE 2 EMBANKMENT AND STABILIZE WITH TEMPORARY SEEDING AND MULCH.
 - (D) PLACE FINAL PHASE EMBANKMENT AND STABILIZE WITH PERMANENT VEGETATIVE PLAN ON THE ENTIRE SLOPE.
4. ONCE THE PLACEMENT OF FILL WITHIN A SPECIFIC AREA HAS BEGUN, THE OPERATION SHALL BE CONTINUOUS FROM STRIPPING THROUGH THE COMPLETION OF THE GRADING AND PLACEMENT OF PERMANENT VEGETATIVE PLAN. ANY INTERRUPTIONS IN THE OPERATION OF 14 DAYS OR MORE MUST BE APPROVED BY THE ENGINEER. ANY VIOLATION OF THIS REQUIREMENT WILL RESULT IN THE CONTRACTOR ASSUMING THE RESPONSIBILITY OF PLACING TEMPORARY STABILIZATION AT HIS OWN COST AND EXPENSE AS DIRECTED BY THE ENGINEER.

SEE NEXT SHEET FOR CONTINUATION

McDonough Associates Inc. Engineers/Architects 130 East Randolph Street Chicago, Illinois 60607

FILE NAME = D160771-SHT-EROS01.dgn	USER NAME = TKluegel	DESIGNED - JCL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL GENERAL NOTES AND LEGEND				F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 59
	PLOT SCALE = 1:50	DRAWN - JCL	REVISED -		SCALE: NONE	SHEET NO. 1 OF X SHEETS	STA.	TO STA.	CONTRACT NO. 60F71				
	PLOT DATE = 3/19/2009	CHECKED - DLT	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								
		DATE - 03/20/09	REVISED -										

FINAL

EROSION AND SEDIMENT CONTROLS
GENERAL NOTES (CONTD.)

11. SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, SEDIMENT CONTROL, SILT FENCE, STONE OUTLET STRUCTURES, EARTH BERMS, ETC. SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. TRAPS WILL BE CLEANED WHEN THEY ARE 50% FILLED, SILT FENCE STONE OUTLET STRUCTURES SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 50% THE HEIGHT OF THE CONTROL DEVICE. THESE SPOILS WILL BE REMOVED TO AN APPROVED SITE.
12. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE, AND STABILIZED IMMEDIATELY AFTER FINAL SHAPING OF THE PILE IN ACCORDANCE WITH MULCH, METHOD 2. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE. A NOMINAL QUANTITY OF 0.15 ACRES OF MULCH METHOD 2 TO BE USED AT THE ENGINEER'S DISCRETION HAS BEEN ADDED TO THE PLANS FOR BIDDING PURPOSES.
13. MATERIALS EXCAVATED FOR THE CONSTRUCTION OR CLEANOUT OF SEDIMENT TRAPS OR SEDIMENT BASINS SHALL NOT BE STOCKPILED IN THE VICINITY OF THE TRAP OR BASIN. IT WILL EITHER BE PLACED IN AN EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.
14. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR THE COST OF THE CONTROLS ARE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER THE DEPARTMENT WILL ASSUME THE COSTS OF THE CONTROLS.
15. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.
16. WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH PROVIDING THE FOLLOWING CONDITIONS ARE MET:
 - (A) ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER.
 - (B) THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH STRAW MULCH.
 - (C) ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.
17. SEEDING USAGE

CLASS 2A SALT TOLERANT ROADSIDE MIX USED FOR NEW CONSTRUCTION OF LIMITED ACCESS ROUTES INTENDED TO BE MOWED BY IDOT.

CLASS 7 USED ON LONG TERM TEMPORARY SEEDING AND FOR WINTER SHUTDOWN IN PLACE OF TEMPORARY EROSION CONTROL SEEDING.

TEMPORARY EROSION CONTROL SEEDING USED ON SHORT TERM TEMPORARY SEEDING.
18. TOP SOIL PLACEMENT:

TOPSOIL WILL BE PLACED ON FINAL SLOPES WHICH WILL NOT BE DISTURBED BY FUTURE CONSTRUCTION. TOPSOIL WILL NOT BE PLACED ON SURFACES WHICH WILL BE PAVED IN THE FUTURE NOR ON TEMPORARY STEEP SLOPES.
19. ALL WETLANDS AND WATER BODIES SHALL BE PROTECTED BY CHAIN LINK FENCING, 4' AND "NO INTRUSION" SIGNING INSTALLED TO PROHIBIT ACCESS TO THESE SITES PRIOR TO STARTING ANY CONSTRUCTION ACTIVITIES WITHIN THE CONTRACT. NO INTRUSION SIGNING SHALL BE FURNISHED BY THE DEPARTMENT AND INSTALLED BY THE CONTRACTOR ON THE FENCING, THIS WORK SHALL BE INCLUDED IN THE COST OF "CHAIN LINK FENCE, 4' ".

EROSION AND SEDIMENT CONTROL (ESC) STRATEGY

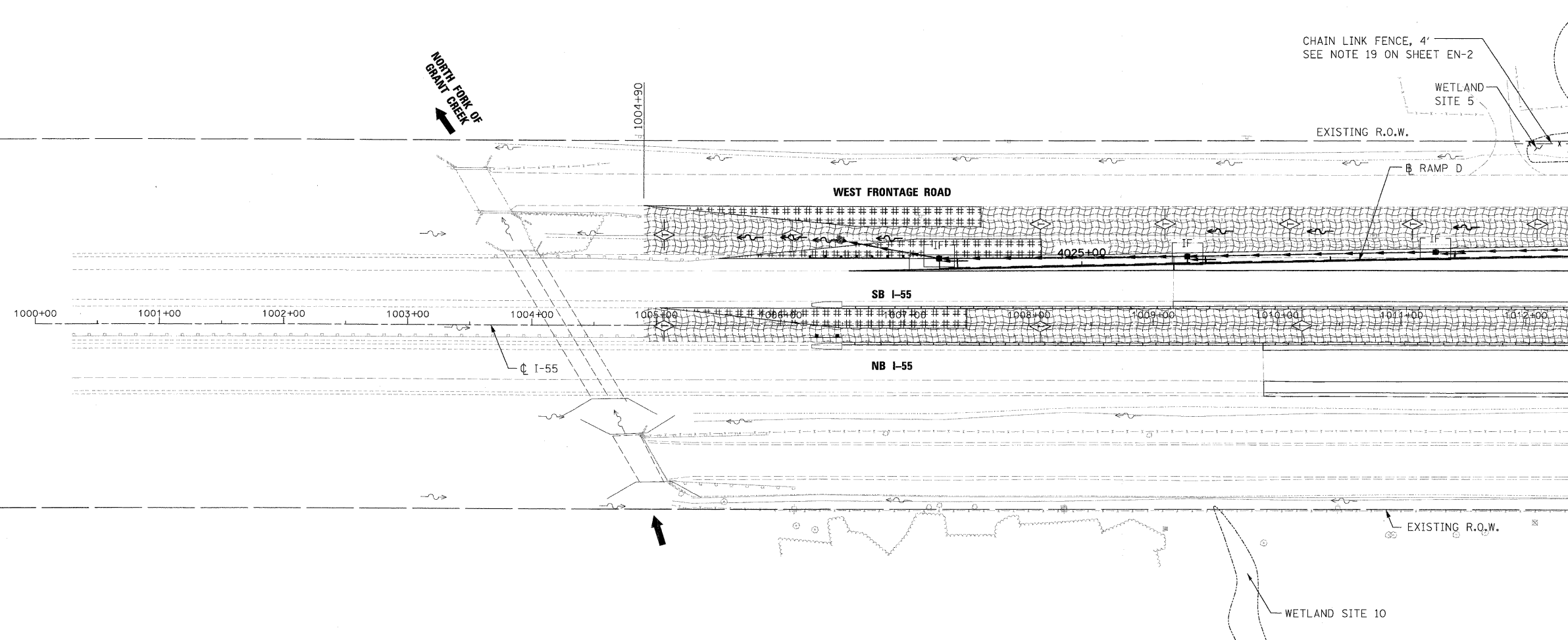
DISTURBED AREA: 15.5 ACRES
RECEIVING WATERS: NORTH FORK OF GRANT CREEK, DES PLAINES RIVER

1. ERECT PERIMETER EROSION BARRIER AS SHOWN ON THE PLANS.
2. ESTABLISH STABILIZED CONSTRUCTION ENTRANCES.
3. CLEAR AND GRUB, REMOVE EXISTING TREES AS NECESSARY.
4. INSTALL INLET FILTERS AND INLET & PIPE PROTECTION AS SHOWN ON THE PLANS.
5. INSTALL TEMPORARY DITCH CHECKS AT 18" VERTICAL INTERVALS.
6. STABILIZE DISTURBED AREAS WITH EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING AS SHOWN ON THE PLANS.
7. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES FOR THE DURATION OF CONSTRUCTION.
8. WHEN FINAL STABILIZATION IS ESTABLISHED, REMOVE ALL TEMPORARY MEASURES.

EROSION AND SEDIMENT CONTROL AT SHOULDER RESURFACING/WIDENING AREAS

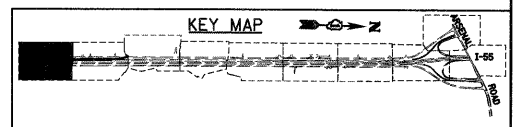
1. PLACE TEMPORARY DITCH CHECKS AT 18" VERTICAL INTERVALS.
2. INSTALL INLET FILTERS AND INLET & PIPE PROTECTION AS SHOWN ON THE PLANS.
2. TOPSOIL EXCAVATION AND PLACEMENT (TOPSOIL REMOVAL)
3. EARTH EXCAVATION (CUT AND FILL TO RELOCATE DITCH)
4. STABILIZE DISTURBED AREAS WITH EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING AS SHOWN ON THE PLANS.
5. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES FOR THE DURATION OF CONSTRUCTION.
6. WHEN FINAL STABILIZATION IS ESTABLISHED, REMOVE ALL TEMPORARY MEASURES.

FILE NAME = D160F71-SHT-EROS02.dgn	USER NAME = TK1uego1	DESIGNED - JCL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL GENERAL NOTES AND STRATEGY	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:50	DRAWN - JCL	REVISED -			55	99-2HB-2-R	WILL	171	60
	PLOT DATE = 3/19/2009	CHECKED - DLT	REVISED -			CONTRACT NO. 60F71				
		DATE - 03/20/09	REVISED -			SCALE: NONE	SHEET NO. 1 OF X SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1



EROSION CONTROL LEGEND

	INLET AND PIPE PROTECTION		INLET FILTER
	TEMPORARY DITCH CHECK		SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
	SEDIMENT CONTROL, SILT FENCE		DITCH FLOW
	EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING		SWALE
	DRAINAGE SUMMIT		



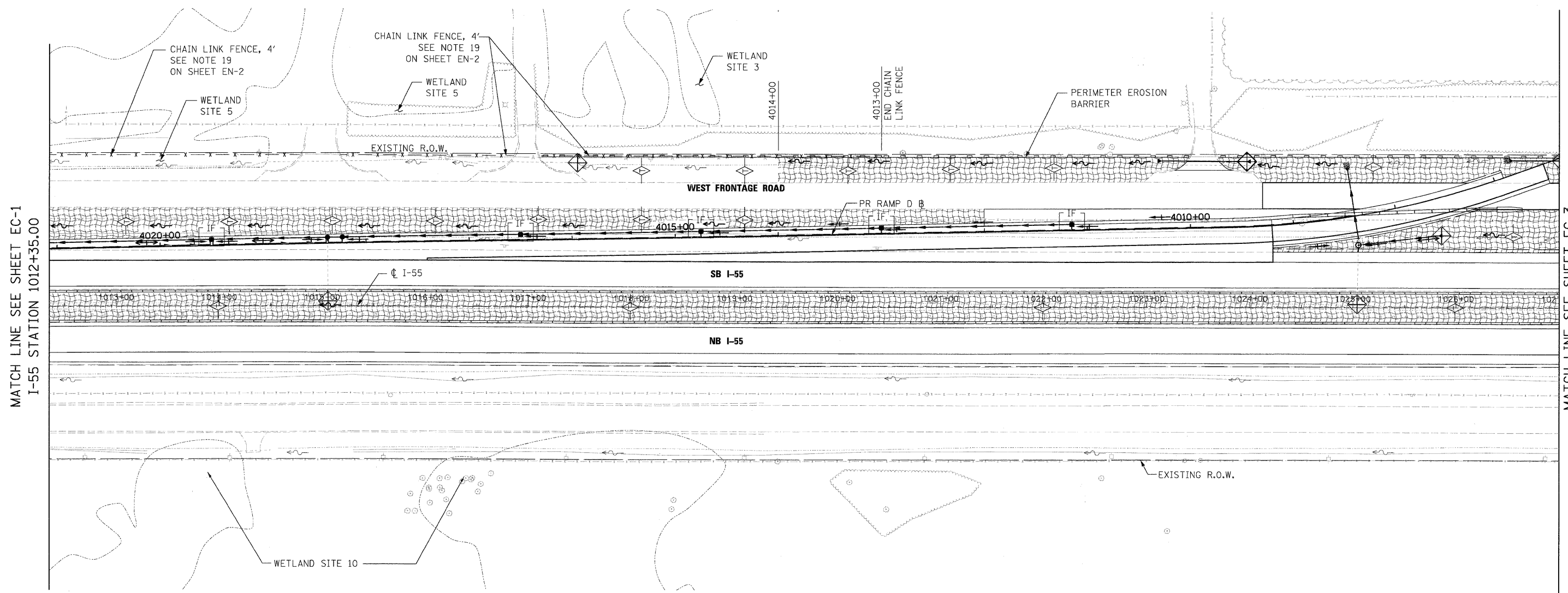
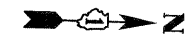
McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

FILE NAME = D:\60771-SHT-EROS11.dgn	USER NAME = TKIuegel	DESIGNED - JCL	REVISED -
PLOT SCALE = 1:50	CHECKED - DLT	DRAWN - JCL	REVISED -
PLOT DATE = 3/19/2009	DATE - 03/20/09		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN	
SCALE: 1"=50'	SHEET NO. 1 OF 10 SHEETS
STA. 1005+00 TO STA. 1012+35.00	










F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	61
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

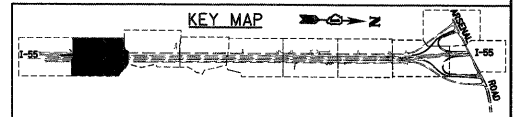


MATCH LINE SEE SHEET EC-1
I-55 STATION 1012+35.00

MATCH LINE SEE SHEET EC-3
I-55 STATION 1027+00.00

EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  SEDIMENT CONTROL, SILT FENCE
-  EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING
-  DRAINAGE SUMMIT
-  INLET FILTER
-  SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
-  DITCH FLOW
-  SWALE



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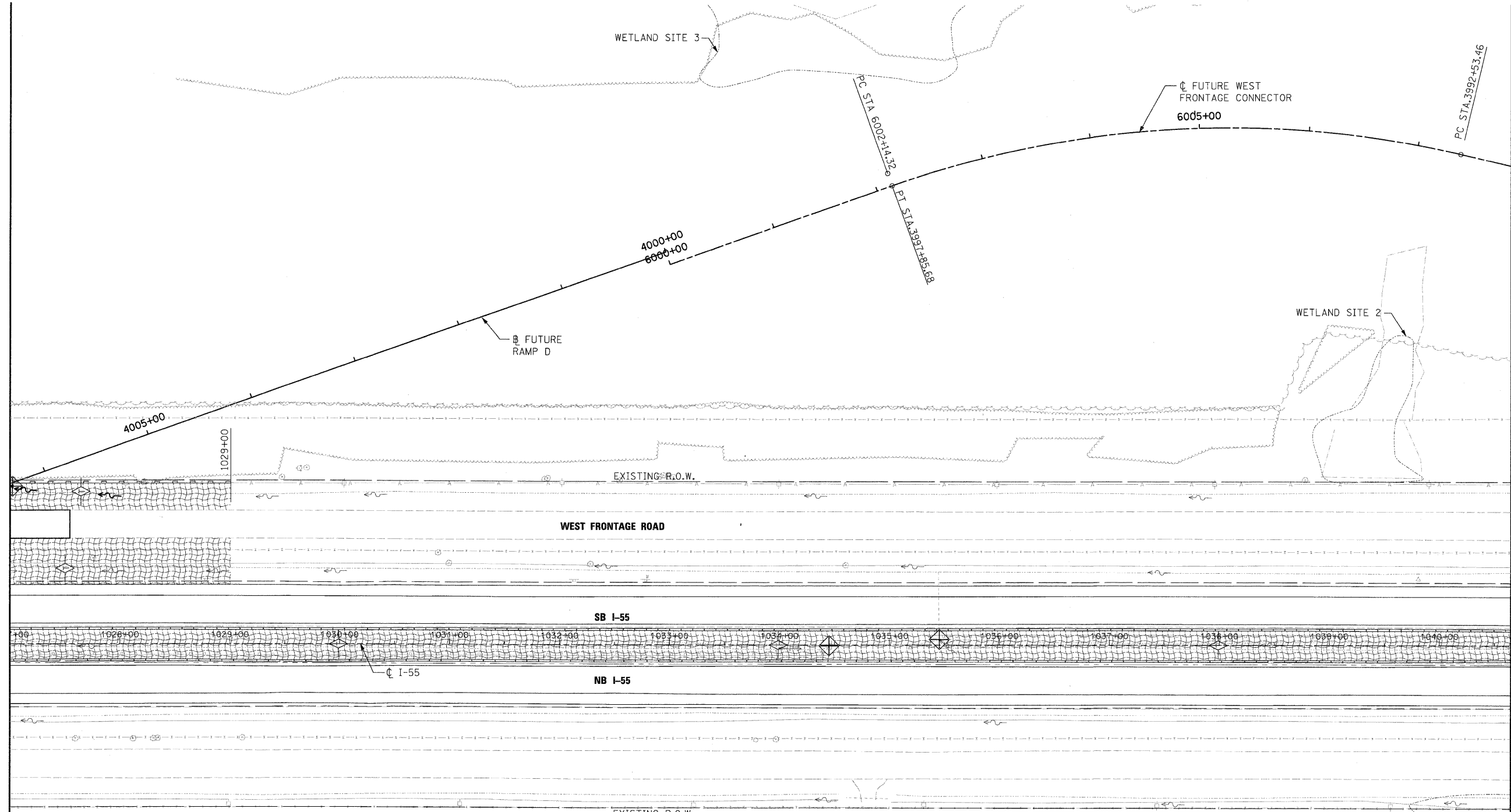
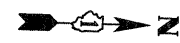
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		DATE - 03/20/09	REVISED -
PLOT SCALE = 1:50			
PLOT DATE = 3/19/2009			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1"=50' SHEET NO. 2 OF 10 SHEETS STA. 1012+35.00 TO STA. 1027+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	62
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

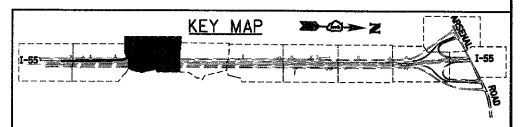


MATCH LINE SEE SHEET EC-2
I-55 STATION 1027+00.00

MATCH LINE SEE SHEET EC-4
I-55 STATION 1040+65.00

EROSION CONTROL LEGEND

- | | | | |
|--|--|--|---|
| | INLET AND PIPE PROTECTION | | INLET FILTER |
| | TEMPORARY DITCH CHECK | | SEDIMENT CONTROL,
STABILIZED CONSTRUCTION ENTRANCE |
| | SEDIMENT CONTROL, SILT FENCE | | DITCH FLOW |
| | EROSION CONTROL BLANKET
WITH TEMPORARY EROSION
CONTROL SEEDING | | SWALE |
| | DRAINAGE SUMMIT | | |



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FILE NAME = D:\60771-SHT-EROS13.dgn	USER NAME = TKIuegel	DESIGNED - JCL	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN

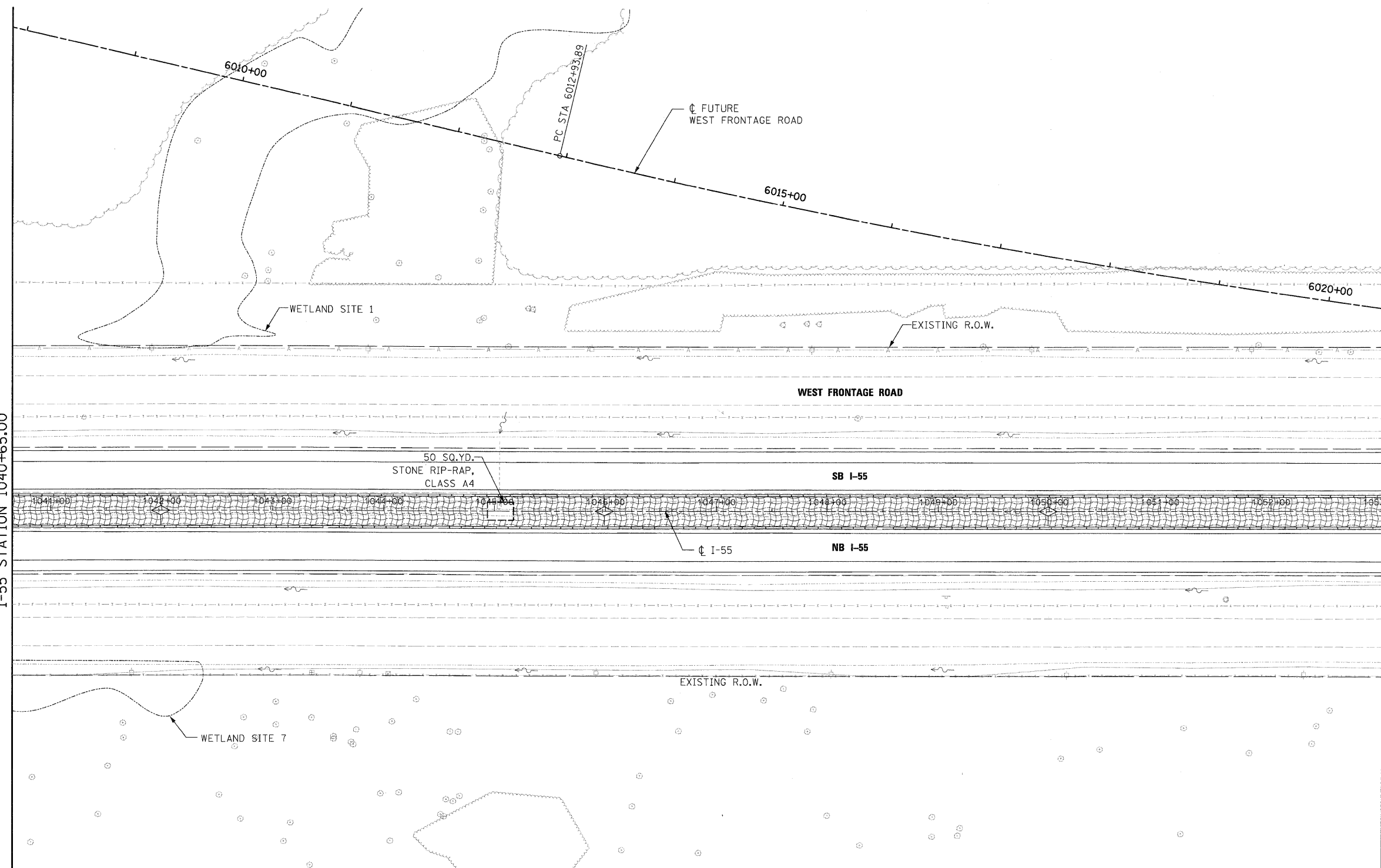
SCALE: 1"=50' SHEET NO. 3 OF 10 SHEETS STA. 1027+00.00 TO STA. 1040+65.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	63
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F71	

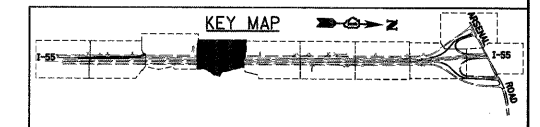


MATCH LINE SEE SHEET EC-3
I-55 STATION 1040+65.00

MATCH LINE SEE SHEET EC-5
I-55 STATION 1053+00.00



EROSION CONTROL LEGEND	
	INLET AND PIPE PROTECTION
	TEMPORARY DITCH CHECK
	SEDIMENT CONTROL, SILT FENCE
	EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING
	DRAINAGE SUMMIT
	INLET FILTER
	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
	DITCH FLOW
	SWALE



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FILE NAME = D162F71-SHT-ER0514.dgn	USER NAME = TKLuegel	DESIGNED - JCL	REVISED -
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		CHECKED - DLT	REVISED -
		DATE - 03/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 1040+65.00 TO STA. 1053+00.00

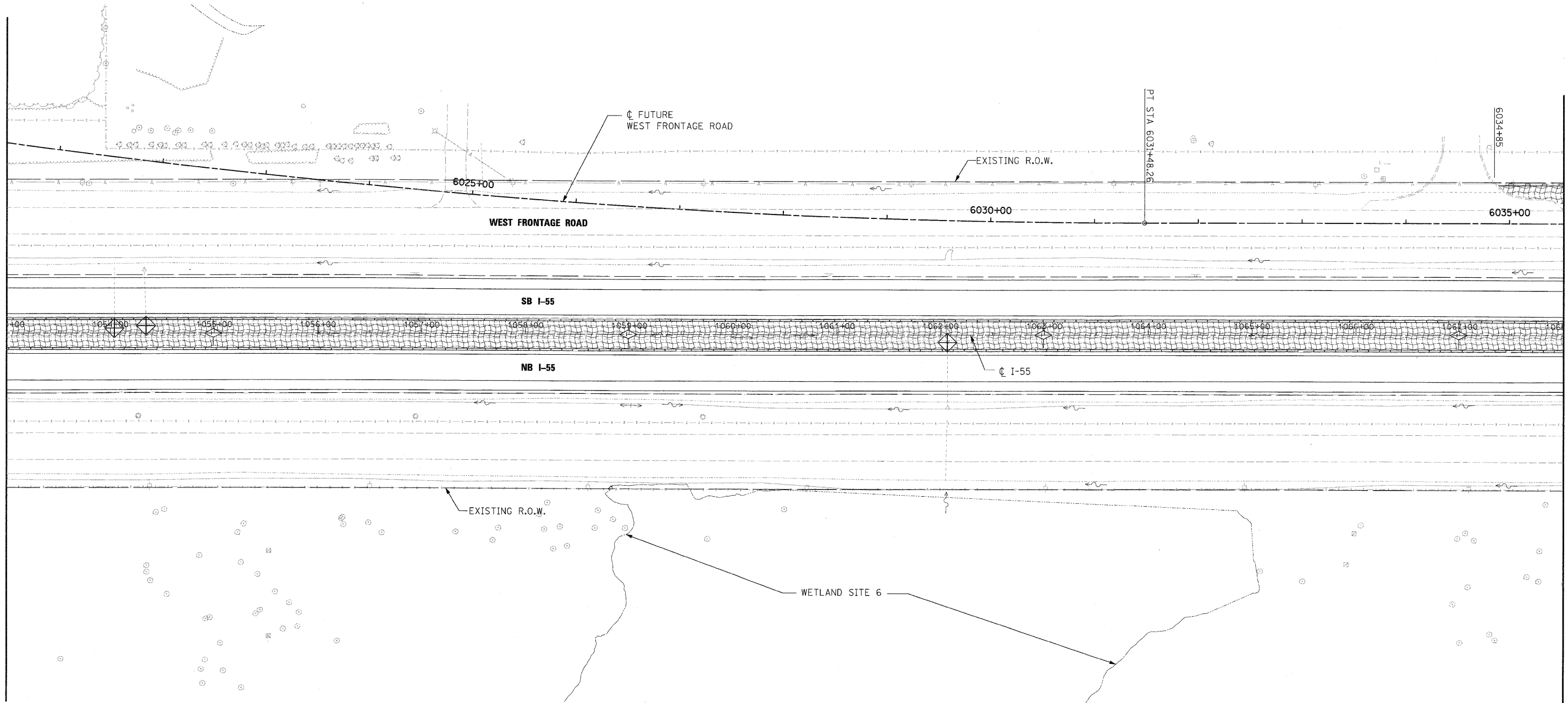
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	64
				CONTRACT NO. 60F71
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL












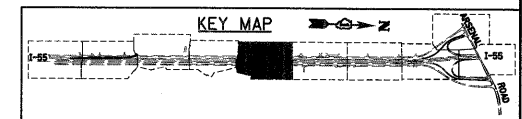
MATCH LINE SEE SHEET EC-4 I-55 STATION 1053+00

MATCH LINE SEE SHEET EC-6 I-55 STATION 1068+00.00



EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  SEDIMENT CONTROL, SILT FENCE
-  EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING
-  DRAINAGE SUMMIT
-  INLET FILTER
-  SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
-  DITCH FLOW
-  SWALE



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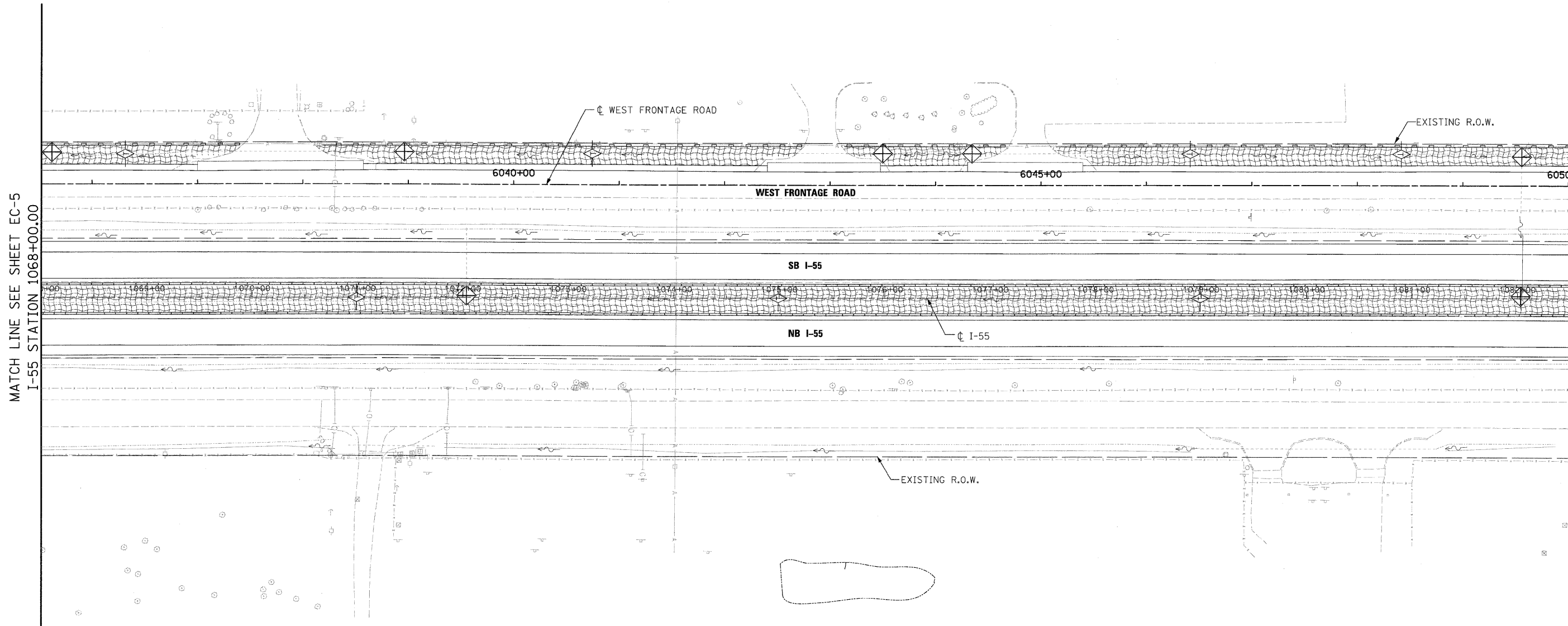
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		CHECKED - DLT	REVISED -
		DATE - 03/20/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
 SCALE: 1"=50' SHEET NO. 5 OF 10 SHEETS STA. 1053+00.00 TO STA. 1068+00.00










F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	65
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

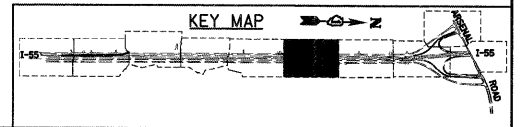
FINAL



MATCH LINE SEE SHEET EC-5
I-55 STATION 1068+00.00

MATCH LINE SEE SHEET EC-7
I-55 STATION 1082+50.00

- EROSION CONTROL LEGEND**
-  INLET AND PIPE PROTECTION
 -  TEMPORARY DITCH CHECK
 -  SEDIMENT CONTROL, SILT FENCE
 -  EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING
 -  DRAINAGE SUMMIT
 -  INLET FILTER
 -  SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
 -  DITCH FLOW
 -  SWALE




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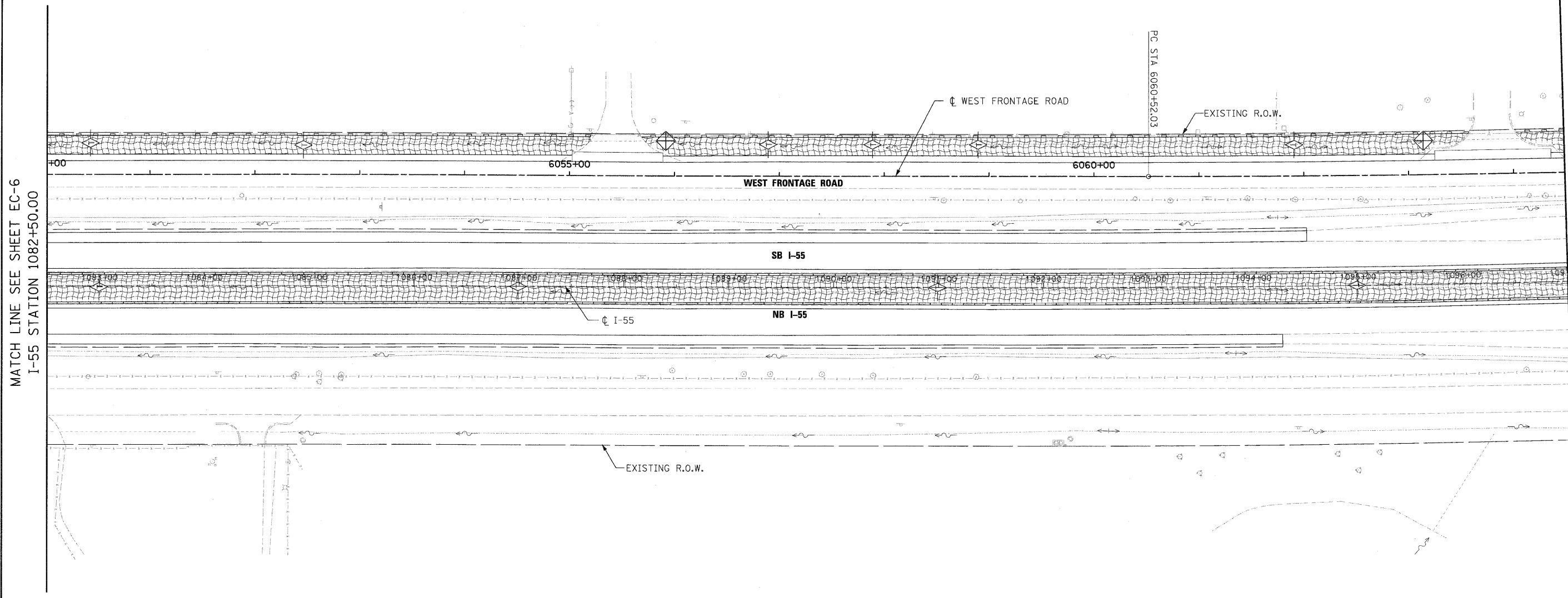
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PLOT DATE = 3/19/2009	DATE - 03/20/09	REVISIONS	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1"=50' SHEET NO. 6 OF 10 SHEETS STA. 1068+00.00 TO STA. 1082+50.00










F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	66
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

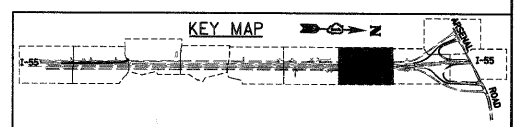


MATCH LINE SEE SHEET EC-6
I-55 STATION 1082+50.00

MATCH LINE SEE SHEET EC-8
I-55 STATION 1097+00.00

EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  SEDIMENT CONTROL, SILT FENCE
-  EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING
-  DRAINAGE SUMMIT
-  INLET FILTER
-  SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
-  DITCH FLOW
-  SWALE



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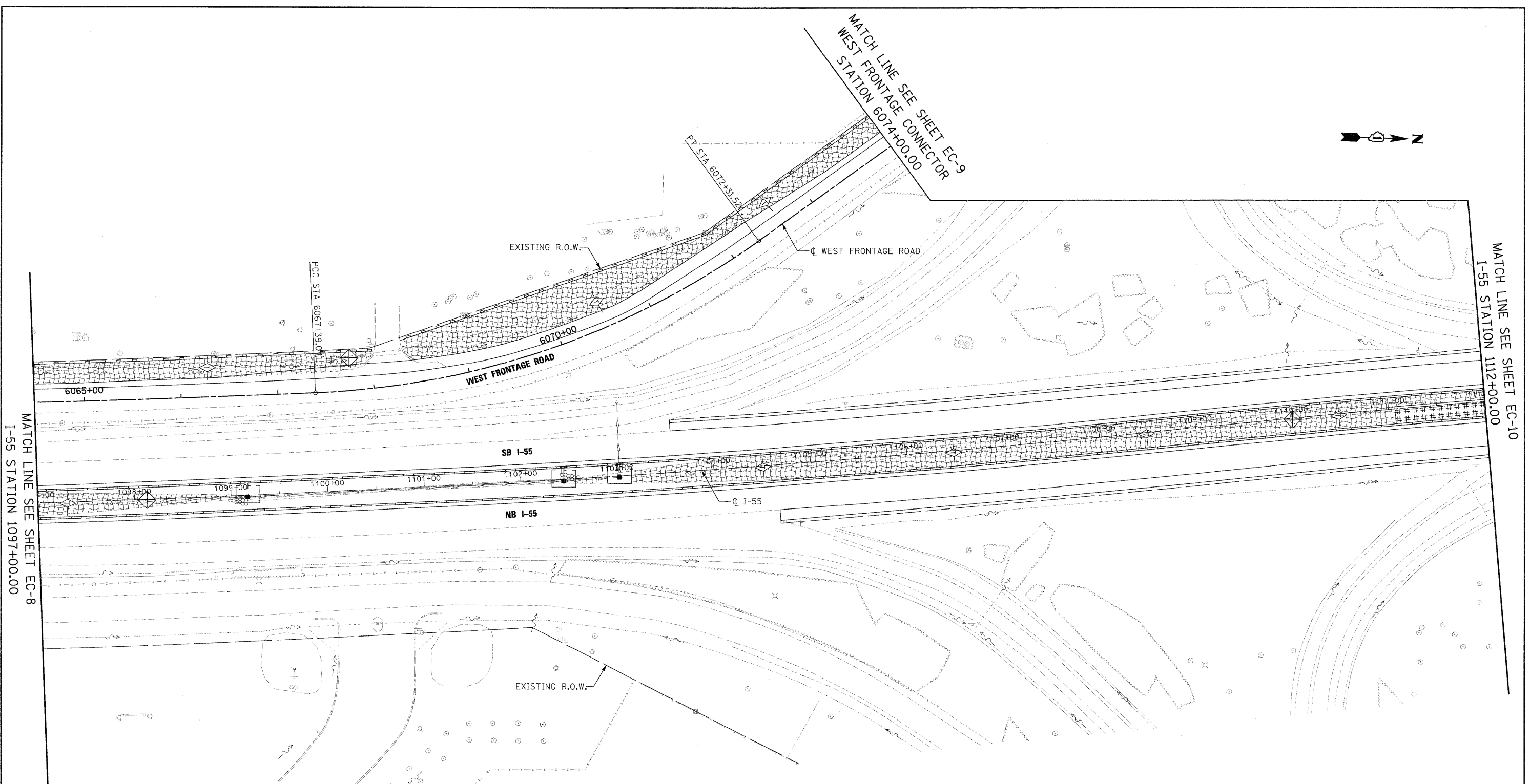
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		DATE - 03/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

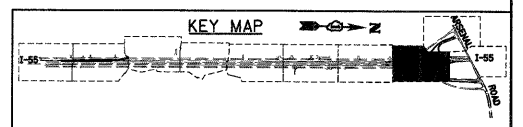
EROSION AND SEDIMENT CONTROL PLAN	
SCALE: 1"=50'	SHEET NO. 7 OF 10 SHEETS
STA. 1082+50.00 TO STA. 1097+00.00	

F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 67
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



- EROSION CONTROL LEGEND**
- INLET AND PIPE PROTECTION
 - TEMPORARY DITCH CHECK
 - SEDIMENT CONTROL, SILT FENCE
 - EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING
 - DRAINAGE SUMMIT
 - IF INLET FILTER
 - SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
 - DITCH FLOW
 - SWALE



FILE NAME =
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USER NAME = TKluegel
 PLOT SCALE = 1"=50'
 PLOT DATE = 3/19/2009

DESIGNED - JCL
 DRAWN - JCL
 CHECKED - DLT
 DATE - 03/20/09

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**










EROSION AND SEDIMENT CONTROL PLAN

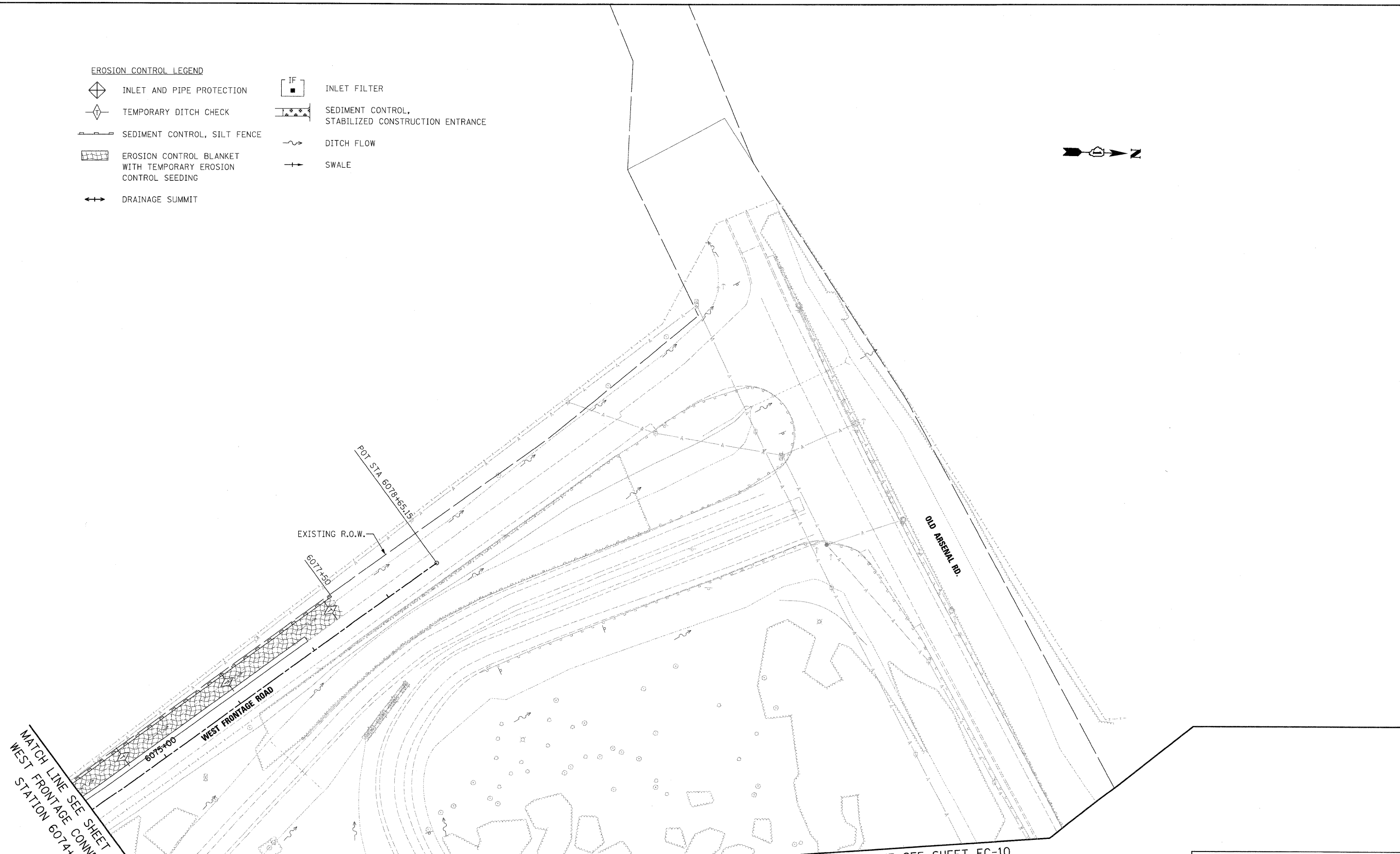
SCALE: 1"=50' SHEET NO. 8 OF 10 SHEETS STA. 1097+00.00 TO STA. 1112+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	68
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MATCH LINE SEE SHEET EC-10
 I-55 STATION 1112+00.00

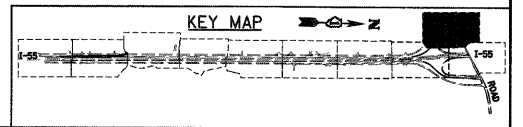
EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  SEDIMENT CONTROL, SILT FENCE
-  EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING
-  DRAINAGE SUMMIT
-  INLET FILTER
-  SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
-  DITCH FLOW
-  SWALE



MATCH LINE SEE SHEET EC-8
WEST FRONTAGE CONNECTOR
STATION 6074+00

MATCH LINE SEE SHEET EC-10
WEST FRONTAGE CONNECTOR
STATION 6086+50.00



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FILE NAME = D160F71-SHT-EROS19.dgn	USER NAME = TKLuegel	DESIGNED - JCL	REVISED -
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PLCT DATE = 3/19/2009	DATE - 03/20/09	CHECKED - DLT	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1"=50' SHEET NO. 9 OF 10 SHEETS STA. 6074+00.00 TO STA. 6086+50.00

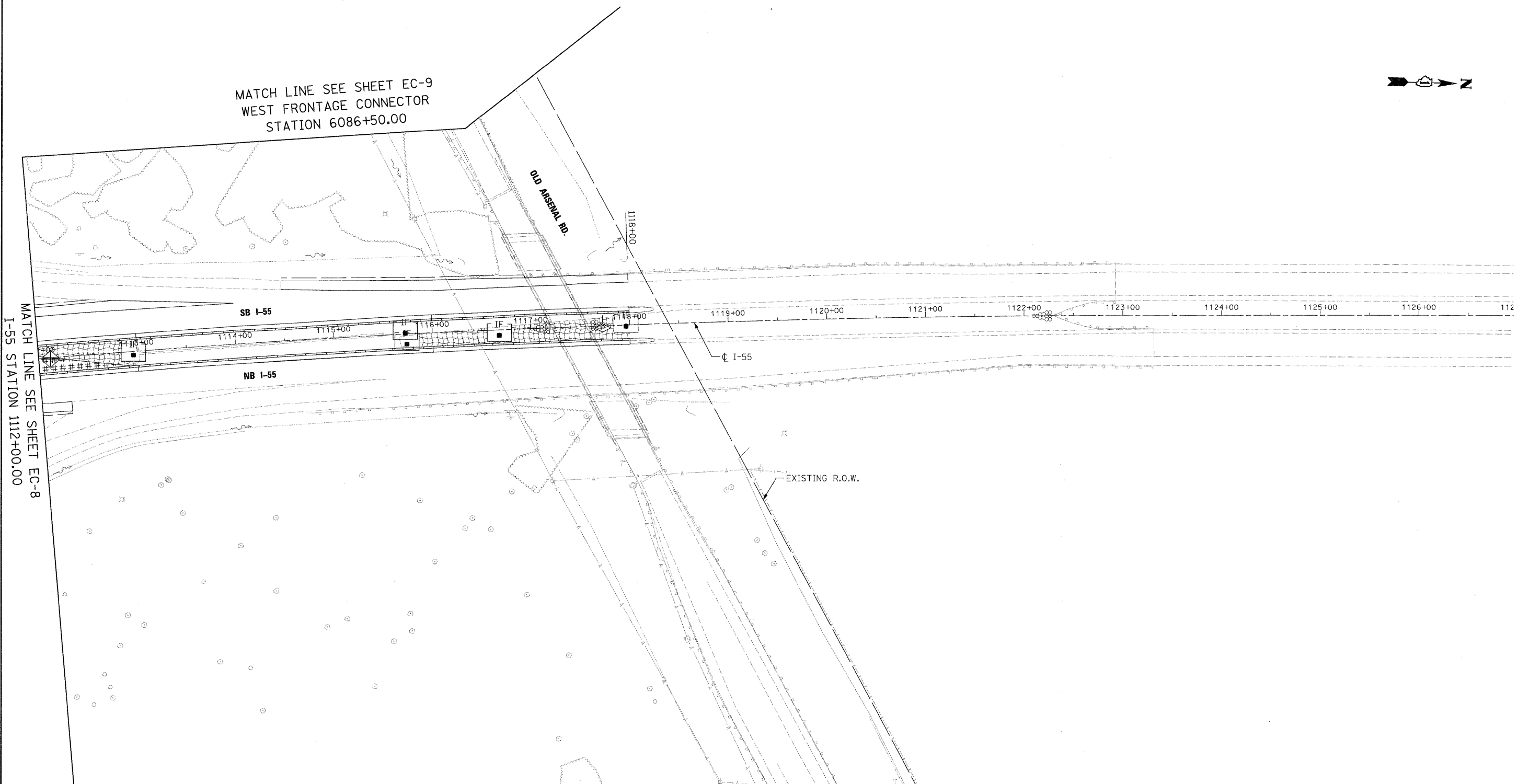
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	69
CONTRACT NO. 60F71				

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










MATCH LINE SEE SHEET EC-9
WEST FRONTAGE CONNECTOR
STATION 6086+50.00

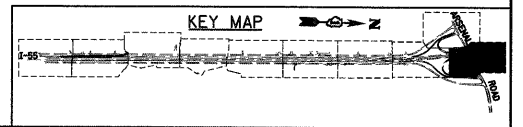


MATCH LINE SEE SHEET EC-8
I-55 STATION 1112+00.00



EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  SEDIMENT CONTROL, SILT FENCE
-  EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING
-  DRAINAGE SUMMIT
-  INLET FILTER
-  SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
-  DITCH FLOW
-  SWALE



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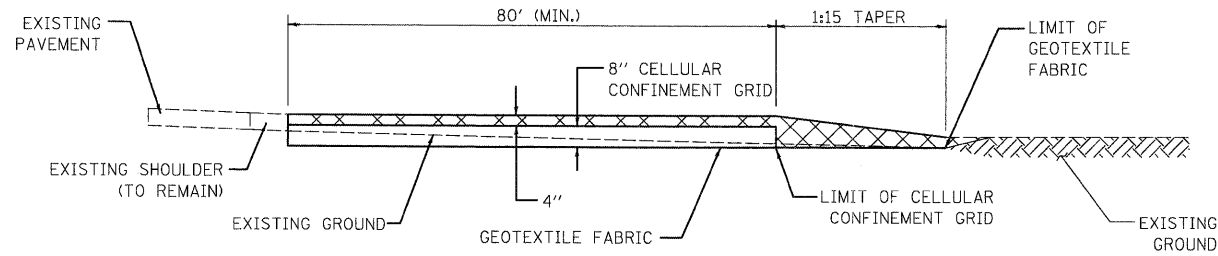
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

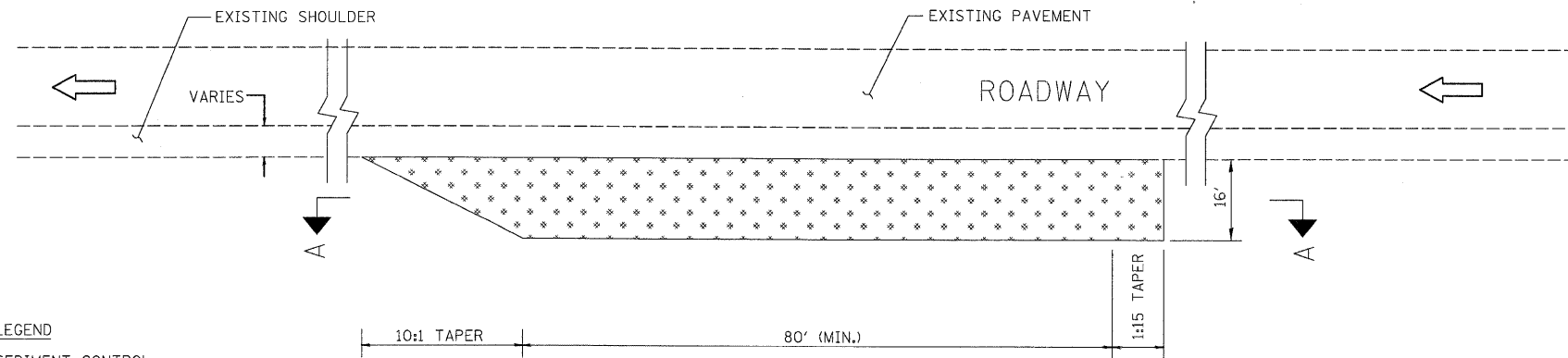
EROSION AND SEDIMENT CONTROL PLAN
 SCALE: 1"=50' SHEET NO. 10 OF 10 SHEETS STA. 6086+50.00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	70
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



SECTION A-A
N.T.S.



LEGEND
 SEDIMENT CONTROL,
STABILIZED CONSTRUCTION ENTRANCE

PLAN
N.T.S.

CONSTRUCTION SPECIFICATIONS AND NOTES

1. STABILIZED CONSTRUCTION ENTRANCE
 - A. LENGTH - AS REQUIRED, BUT NOT LESS THAN 80 FEET.
 - B. THICKNESS - NOT LESS THAN 4", ABOVE TOP OF CELLULAR CONFINEMENT GRID.
2. EXISTING DITCH DRAINAGE TO BE MAINTAINED.
3. GRADE FILL TO 1:10 ON APPROACH SIDE OF ENTRANCE

STABILIZED CONSTRUCTION ENTRANCE

STANDARD SYMBOL



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 130 East Randolph Street Chicago, Illinois 60601

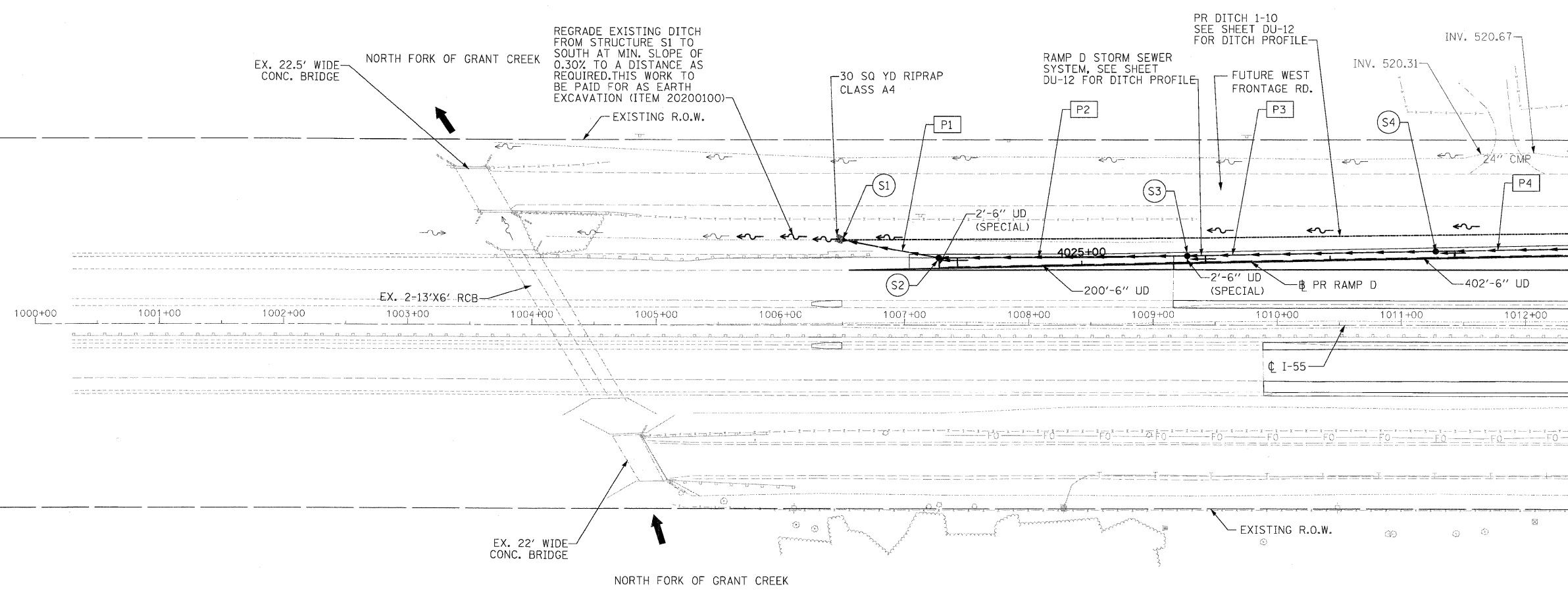
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		DRAWN - JCL	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 03/20/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	71
				CONTRACT NO. 60F71
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

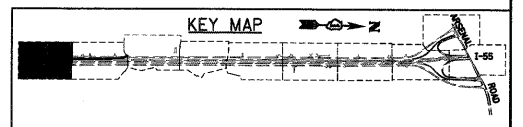


DRAINAGE LEGEND

- XXX PROPOSED DRAINAGE PIPE
- ⊙ PROPOSED DRAINAGE STRUCTURE

NOTES:

1. EXISTING DRAINAGE TO BE MAINTAINED AT ANY TIME DURING THE CONSTRUCTION.
2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
3. ALL STATIONS AND OFFSETS ARE OFF OF RAMP D BASE LINE UNLESS OTHERWISE NOTED.
4. CONNECTION OF EXISTING SEWER TO PROPOSED DRAINAGE STRUCTURE IS INCLUDED IN THE COST OF PROPOSED DRAINAGE STRUCTURE.
5. FOR DRAINAGE STRUCTURE AND PIPE INFORMATIONS, SEE SHEET DU-11
6. FOR RAMP D DRAINAGE, SEE SHEETS PD-1 TO PD4 FOR FLOW LINE HIGH POINT & LOW POINT LOCATIONS.
7. ALL CONCRETE AND CORRUGATED METAL END SECTIONS AND FLARED END SECTIONS REMOVAL SHALL BE CONSIDERED AS PART OF ITEM 20200100. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THIS WORK.
8. FOR STORM SEWER PROFILE, SEE DRAWING DU-12
9. SEE DRAWING PD-4 FOR DRIVEWAY PAVEMENT REMOVAL DETAILS.



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 300 W. ADAMS ST.
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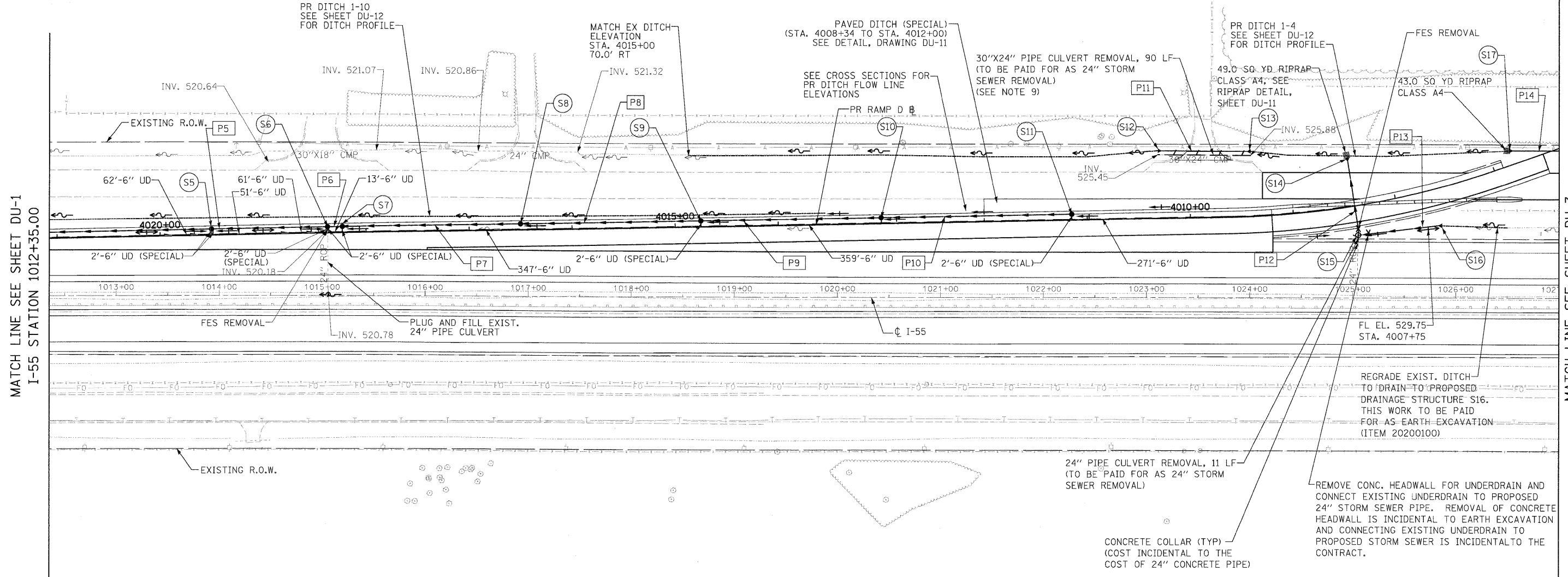
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		DRAWN - VP	REVISED -
		CHECKED - PKT	REVISED -
		DATE - 03/20/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE AND UTILITIES PLAN
 SCALE: 1"=50' SHEET NO. 1 OF 10 SHEETS STA. TO STA. 1012+35.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	72
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



MATCH LINE SEE SHEET DU-1
I-55 STATION 1012+35.00

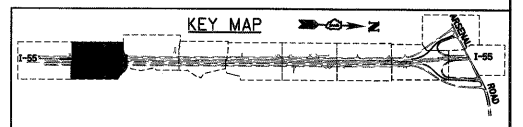
MATCH LINE SEE SHEET DU-3
I-55 STATION 1027+00.00

DRAINAGE LEGEND

- XXX PROPOSED DRAINAGE PIPE
- XXX PROPOSED DRAINAGE STRUCTURE

NOTES:

1. EXISTING DRAINAGE TO BE MAINTAINED AT ANY TIME DURING THE CONSTRUCTION.
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9. SEE DRAWING PD-4 FOR DRIVEWAY PAVEMENT REMOVAL DETAILS.



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FILE NAME = D160F71-SHT-DRAIN2.dgn	USER NAME = TKluegal	DESIGNED - VP	REVISED -
		DRAWN - VP	REVISED -
		CHECKED - PKT	REVISED -
		DATE - 03/20/09	REVISED -
PLOT SCALE = 1:50			
PLOT DATE = 3/28/2009			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE AND UTILITY PLAN	
SCALE: 1"=50'	SHEET NO. 2 OF 10 SHEETS
STA. 1012+35.00 TO STA. 1027+00.00	

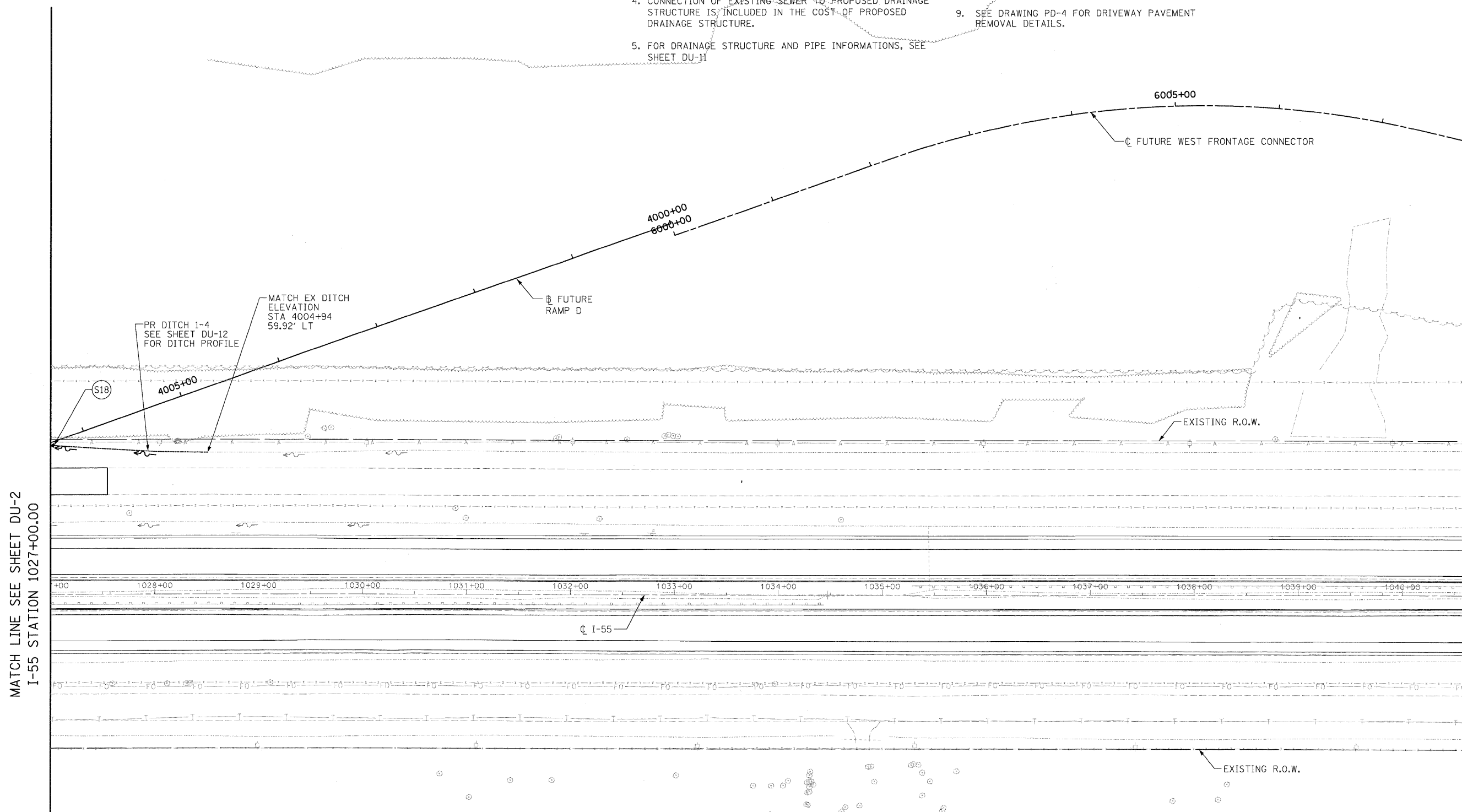
F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 73
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DRAINAGE LEGEND

- XXX PROPOSED DRAINAGE PIPE
- XXX PROPOSED DRAINAGE STRUCTURE

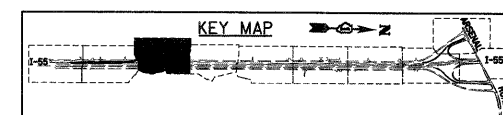
NOTES:

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9. SEE DRAWING PD-4 FOR DRIVEWAY PAVEMENT REMOVAL DETAILS.



MATCH LINE SEE SHEET DU-2
I-55 STATION 1027+00.00

MATCH LINE SEE SHEET DU-4
I-55 STATION 1040+65.00



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FILE NAME = D:\6071-SHT-DRAIN03.dgn
USER NAME = TK1uegl

DESIGNED - VP	REVISED -
DRAWN - VP	REVISED -
CHECKED - PKT	REVISED -
DATE - 03/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE AND UTILITY PLAN

SCALE: 1"=50' SHEET NO. 3 OF 10 SHEETS STA. 1027+00.00 TO STA. 1040+65.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	74
CONTRACT NO. 60F71				

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

FINAL

DRAINAGE LEGEND

- XXX PROPOSED DRAINAGE PIPE
- XXX PROPOSED DRAINAGE STRUCTURE

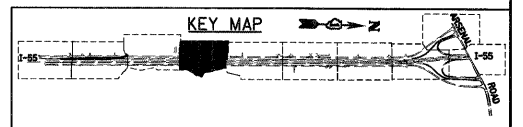
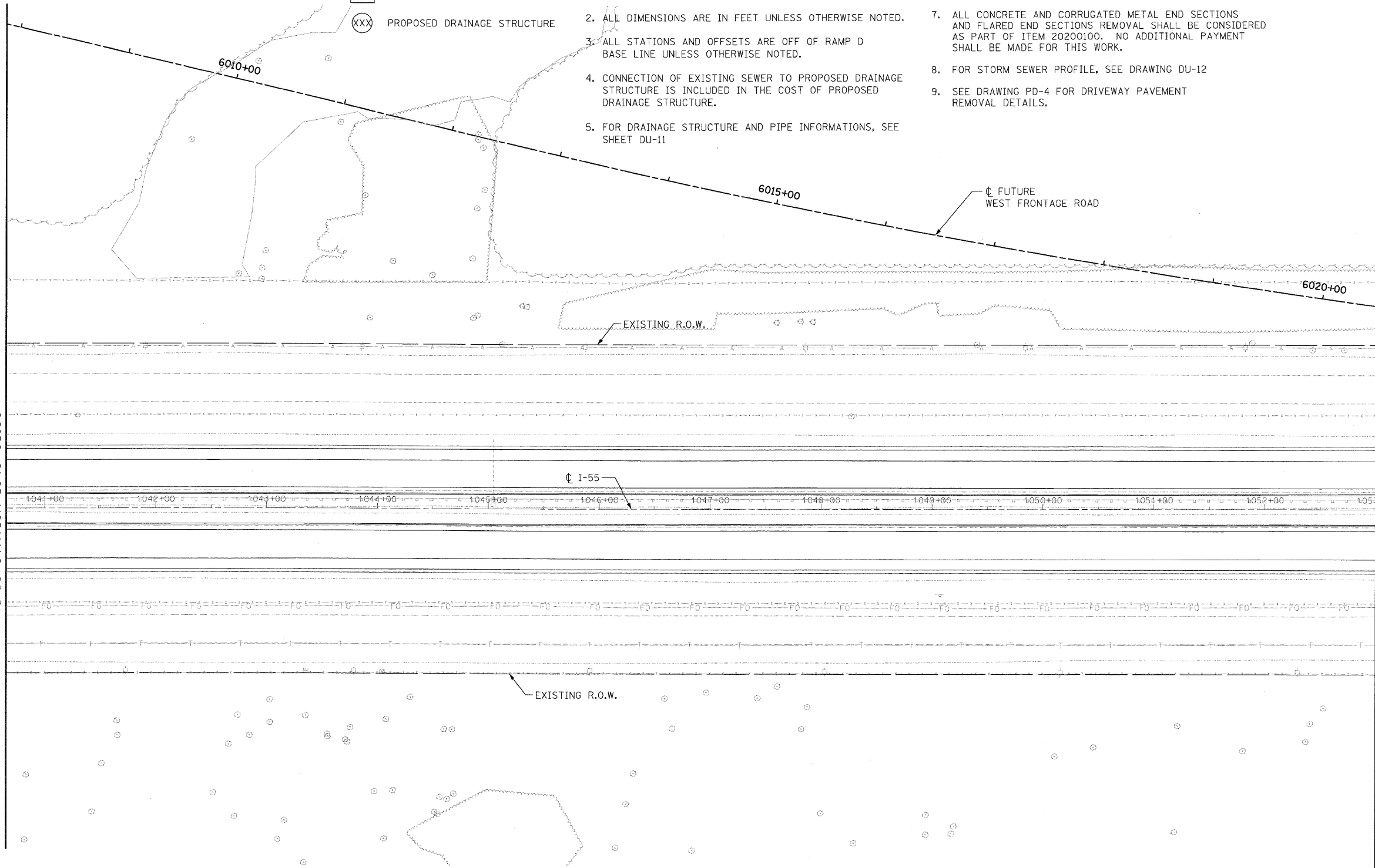
NOTES:

1. EXISTING DRAINAGE TO BE MAINTAINED AT ANY TIME DURING THE CONSTRUCTION.
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8. FOR STORM SEWER PROFILE, SEE DRAWING DU-12
9. SEE DRAWING PD-4 FOR DRIVEWAY PAVEMENT REMOVAL DETAILS.



MATCH LINE SEE SHEET DU-3
I-55 STATION 1040+65.00

MATCH LINE SEE SHEET DU-5
I-55 STATION 1053+00.00



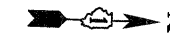
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		DRAWN - VP	REVISED -
		CHECKED - PKT	REVISED -
		DATE - 03/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE AND UTILITY PLAN

SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 1040+65.00 TO STA. 1053+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	75
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

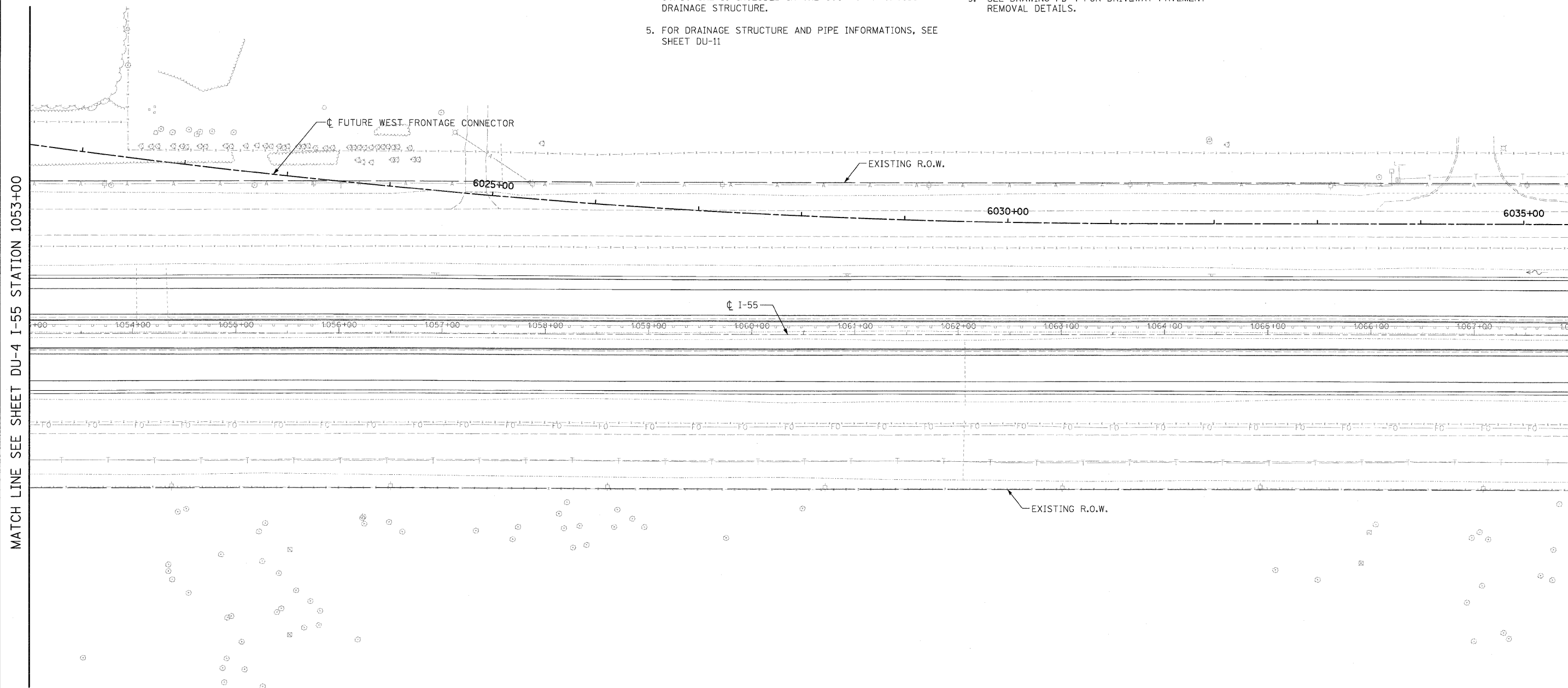


DRAINAGE LEGEND

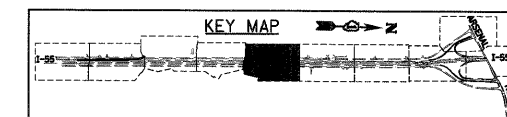
- XXX PROPOSED DRAINAGE PIPE
- XXX PROPOSED DRAINAGE STRUCTURE

NOTES:

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8. FOR STORM SEWER PROFILE, SEE DRAWING DU-12
9. SEE DRAWING PD-4 FOR DRIVEWAY PAVEMENT REMOVAL DETAILS.



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FILE NAME = D:\60771-SHT-DRAIN05.dgn	USER NAME = TK1uege	DESIGNED - VP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE AND UTILITY PLAN	F.A.I RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 76
PLOT SCALE = 1:50				SCALE: 1"=50'		SHEET NO. 5 OF 10 SHEETS		CONTRACT NO. 60F71		
PLOT DATE = 3/28/2009				DATE - 03/20/09		STA. 1053+00.00 TO STA. 1068+00.00				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT										

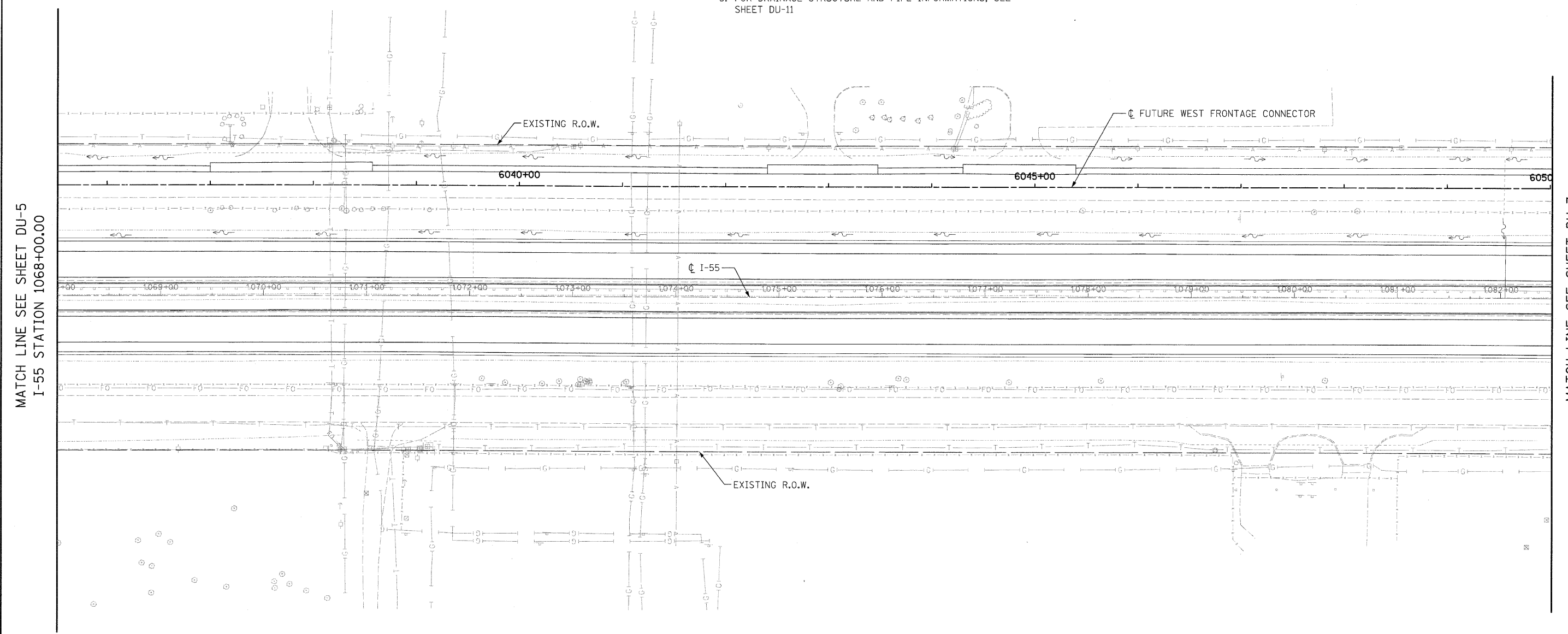


DRAINAGE LEGEND

- XXX PROPOSED DRAINAGE PIPE
- XXX PROPOSED DRAINAGE STRUCTURE

NOTES:

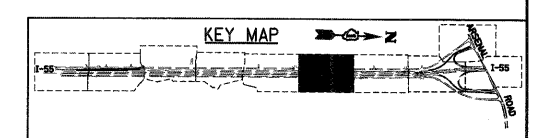
1. EXISTING DRAINAGE TO BE MAINTAINED AT ANY TIME DURING THE CONSTRUCTION.
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8. FOR STORM SEWER PROFILE, SEE DRAWING DU-12
9. SEE DRAWING PD-4 FOR DRIVEWAY PAVEMENT REMOVAL DETAILS.



MATCH LINE SEE SHEET DU-5
I-55 STATION 1068+00.00

MATCH LINE SEE SHEET DU-7
I-55 STATION 1082+50.00

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FILE NAME = 0158071-SHT-DRA1N06.dgn	USER NAME = TKLegal	DESIGNED - VP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE AND UTILITY PLAN			F.A.I RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 77
	PLOT SCALE = 1:50	DRAWN - VP	REVISED -		SCALE: 1"=50'	SHEET NO. 6 OF 10 SHEETS	STA. 1068+00.00 TO STA. 1082+50.00	CONTRACT NO. 60F71				
	PLOT DATE = 3/28/2009	CHECKED - PKT	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE - 03/20/09	REVISED -		FINAL							

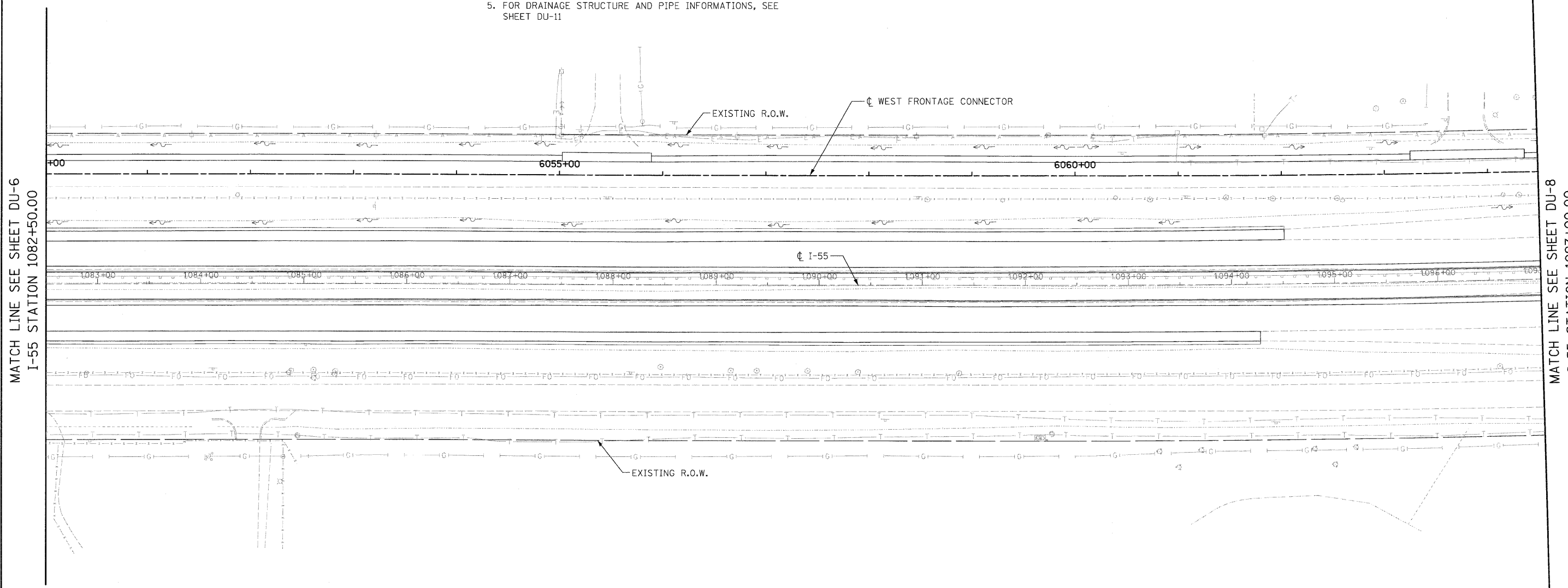


DRAINAGE LEGEND

- XXX PROPOSED DRAINAGE PIPE
- XXX PROPOSED DRAINAGE STRUCTURE

NOTES:

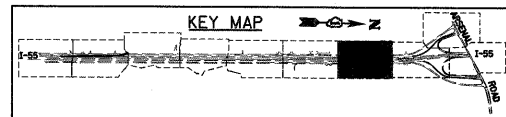
1. EXISTING DRAINAGE TO BE MAINTAINED AT ANY TIME DURING THE CONSTRUCTION.
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8. FOR STORM SEWER PROFILE, SEE DRAWING DU-12
9. SEE DRAWING PD-4 FOR DRIVEWAY PAVEMENT REMOVAL DETAILS.



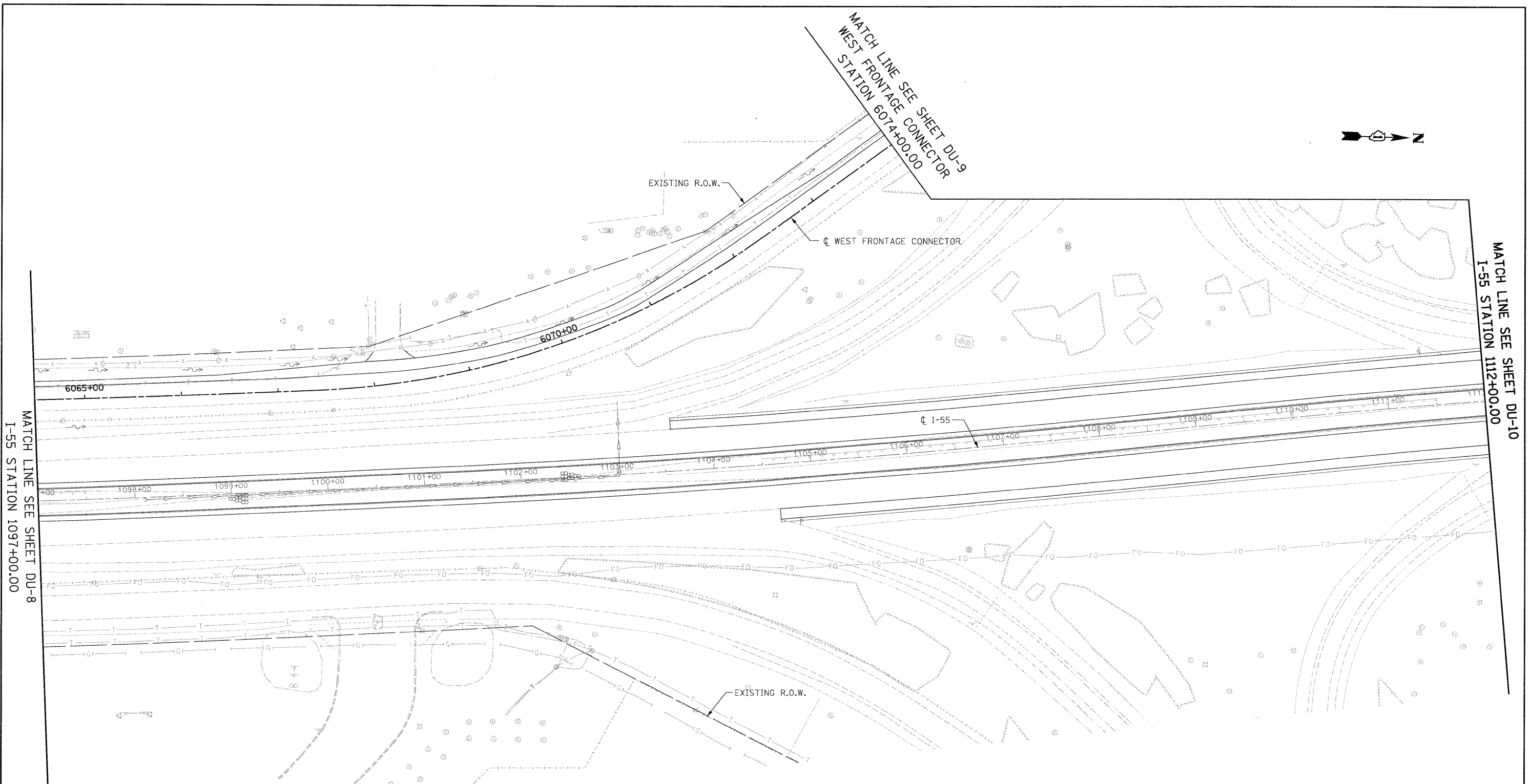
MATCH LINE SEE SHEET DU-6
I-55 STATION 1082+50.00

MATCH LINE SEE SHEET DU-8
I-55 STATION 1097+00.00

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CHICAGO, IL 60606
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FILE NAME = D16071-SHT-DRAIN07.dgn	USER NAME = TKLuegel	DESIGNED - VP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE AND UTILITY PLAN	F.A.I RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 78
PLOT SCALE = 1:50	CHECKED - PKT	DATE - 03/20/09	REVISED -	SCALE: 1"=50' SHEET NO. 7 OF 10 SHEETS STA. 1082+50.00 TO STA. 1097+00.00		CONTRACT NO. 60F71		ILLINOIS FED. AID PROJECT		



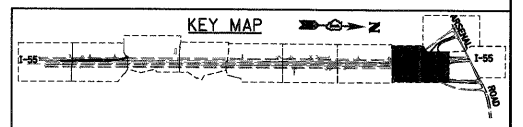
MATCH LINE SEE SHEET DU-8
I-55 STATION 1097+00.00

MATCH LINE SEE SHEET DU-9
WEST FRONTAGE CONNECTOR
STATION 6074+00.00

MATCH LINE SEE SHEET DU-10
I-55 STATION 1112+00.00

- DRAINAGE LEGEND**
- XXX PROPOSED DRAINAGE PIPE
 - ⊗ PROPOSED DRAINAGE STRUCTURE

- NOTES:**
- EXISTING DRAINAGE TO BE MAINTAINED AT ANY TIME DURING THE CONSTRUCTION.
 - ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
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 - FOR STORM SEWER PROFILE, SEE DRAWING DU-12
 - SEE DRAWING PD-4 FOR DRIVEWAY PAVEMENT REMOVAL DETAILS.



FILE NAME = D16071-SHT-DRAIN08.dgn	USER NAME = TK1uegl	DESIGNED - VP	REVISED -
		DRAWN - VP	REVISED -
		CHECKED - PKT	REVISED -
		DATE - 03/20/09	REVISED -
PLOT SCALE = 1:50			
PLOT DATE = 3/29/2009			

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE AND UTILITY PLAN
 SCALE: 1"=50' SHEET NO. 8 OF 10 SHEETS STA. 1097+00.00 TO STA. 1112+00.00

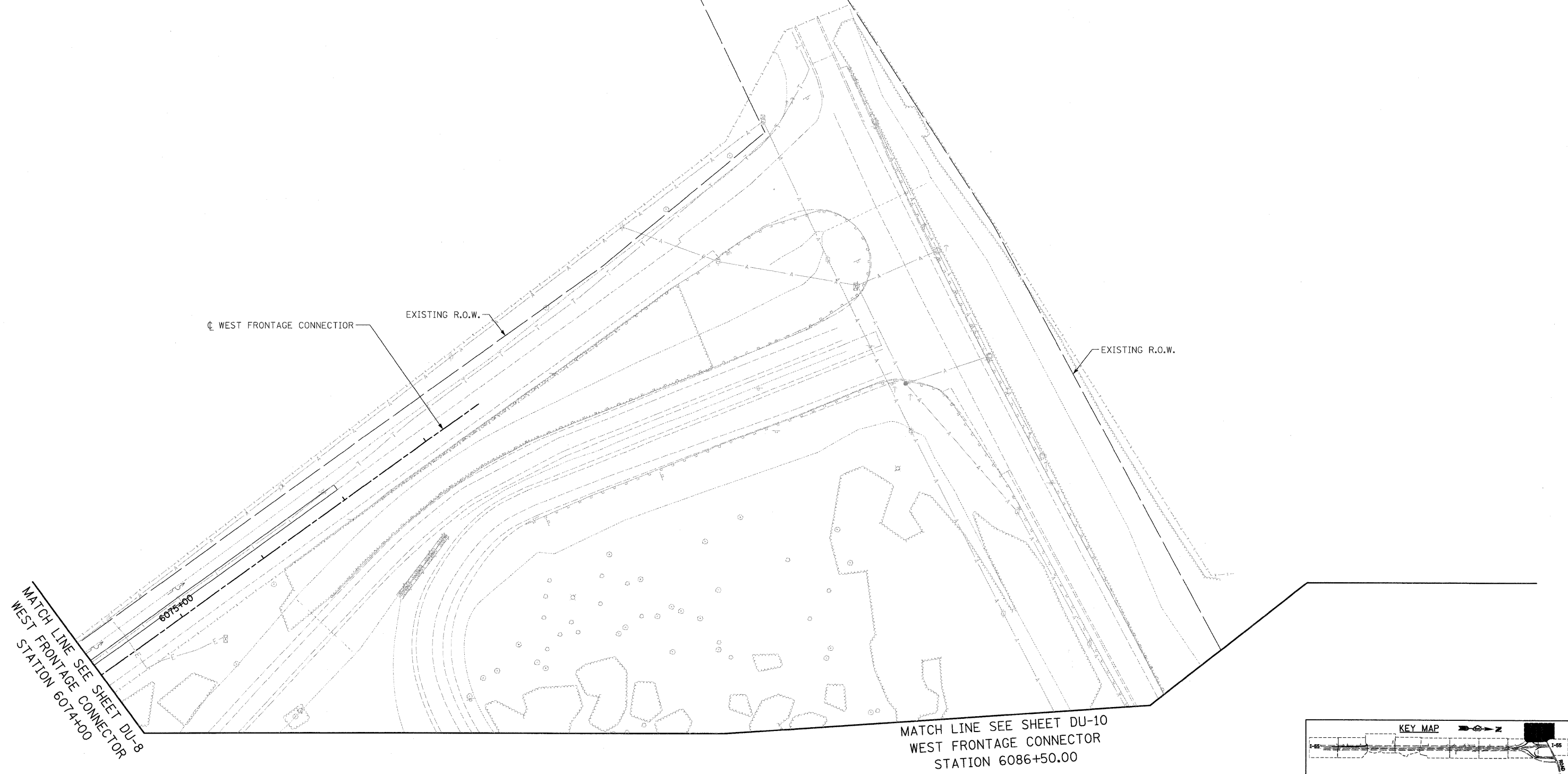
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	79
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F71	

DRAINAGE LEGEND

- XXX PROPOSED DRAINAGE PIPE
- XXX PROPOSED DRAINAGE STRUCTURE

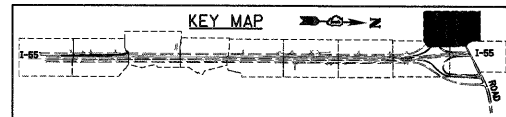
NOTES:

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9. SEE DRAWING PD-4 FOR DRIVEWAY PAVEMENT REMOVAL DETAILS.



MATCH LINE SEE SHEET DU-8
WEST FRONTAGE CONNECTOR
STATION 6074+00

MATCH LINE SEE SHEET DU-10
WEST FRONTAGE CONNECTOR
STATION 6086+50.00



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FILE NAME =	USER NAME = TKLuegel
D160F71-SHT-DRAIN09.dgn	
PLOT SCALE = 1:50	
PLOT DATE = 3/20/2009	

DESIGNED - VP	REVISED -
DRAWN - VP	REVISED -
CHECKED - PKT	REVISED -
DATE - 03/20/09	REVISED -

DESIGNED - VP	REVISED -
DRAWN - VP	REVISED -
CHECKED - PKT	REVISED -
DATE - 03/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE AND UTILITY PLAN

SCALE: 1"=50' SHEET NO. 9 OF 10 SHEETS STA. 6074+00.00 TO STA. 6086+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	80
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F71	

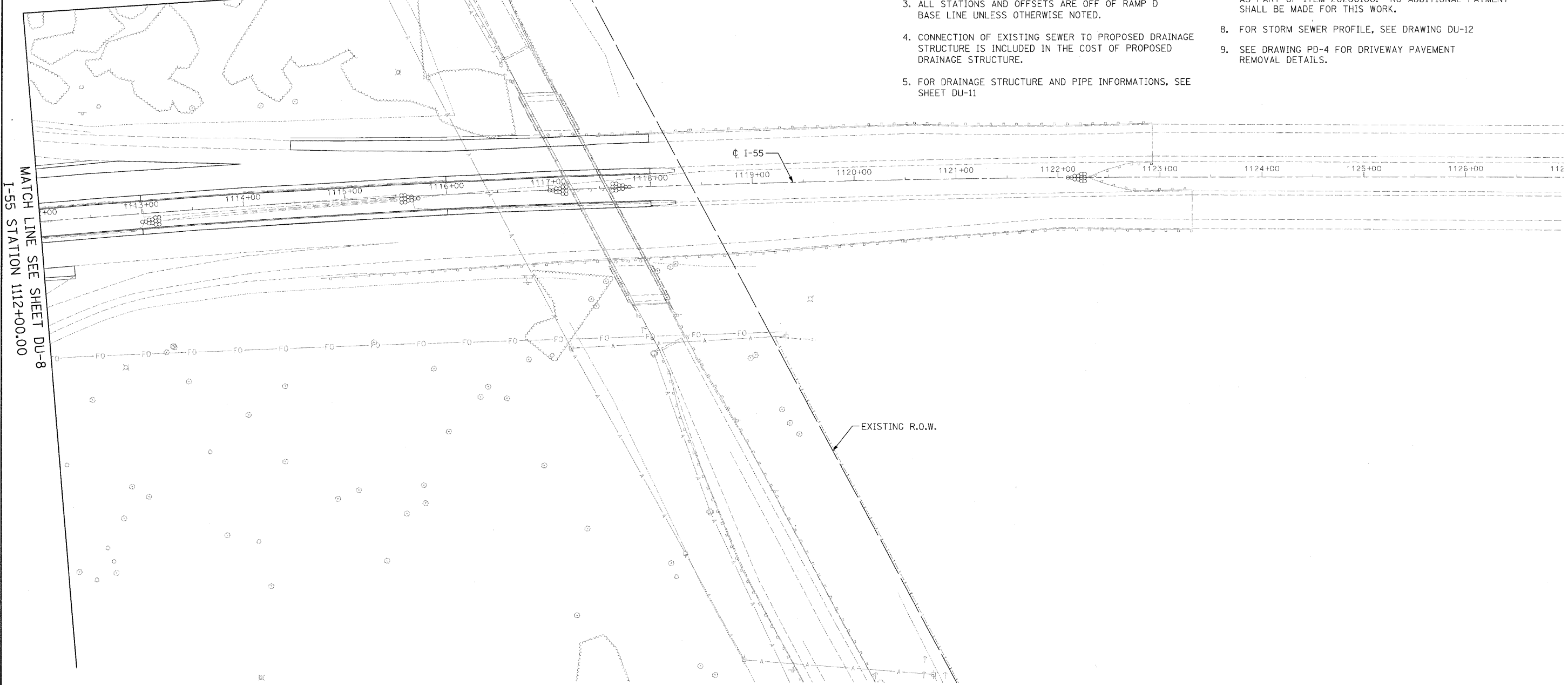
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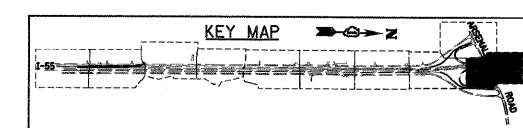
MATCH LINE SEE SHEET DU-9
WEST FRONTAGE CONNECTOR
STATION 6086+50.00

- DRAINAGE LEGEND**
- XXX PROPOSED DRAINAGE PIPE
 - XXX PROPOSED DRAINAGE STRUCTURE

- NOTES:**
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 5. FOR DRAINAGE STRUCTURE AND PIPE INFORMATIONS, SEE SHEET DU-11
 6. FOR RAMP D DRAINAGE, SEE SHEETS PD-1 TO PD4 FOR FLOW LINE HIGH POINT & LOW POINT LOCATIONS.
 7. ALL CONCRETE AND CORRUGATED METAL END SECTIONS AND FLARED END SECTIONS REMOVAL SHALL BE CONSIDERED AS PART OF ITEM 20200100. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THIS WORK.
 8. FOR STORM SEWER PROFILE, SEE DRAWING DU-12
 9. SEE DRAWING PD-4 FOR DRIVEWAY PAVEMENT REMOVAL DETAILS.



MATCH LINE SEE SHEET DU-8
I-55 STATION 1112+00.00



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CONSULTING ENGINEERS

FILE NAME = D16\F71-SHT-DRAIN10.dgn	USER NAME = TKLuegel	DESIGNED - VP	REVISED -
		DRAWN - VP	REVISED -
		CHECKED - PKT	REVISED -
		DATE - 03/20/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE AND UTILITY PLAN

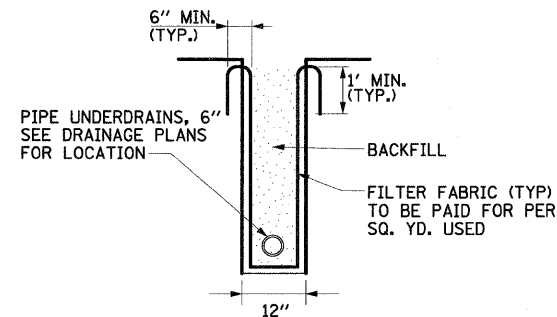
SCALE: 1"=50' SHEET NO. 10 OF 10 SHEETS STA. 6086+50.00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	81
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL

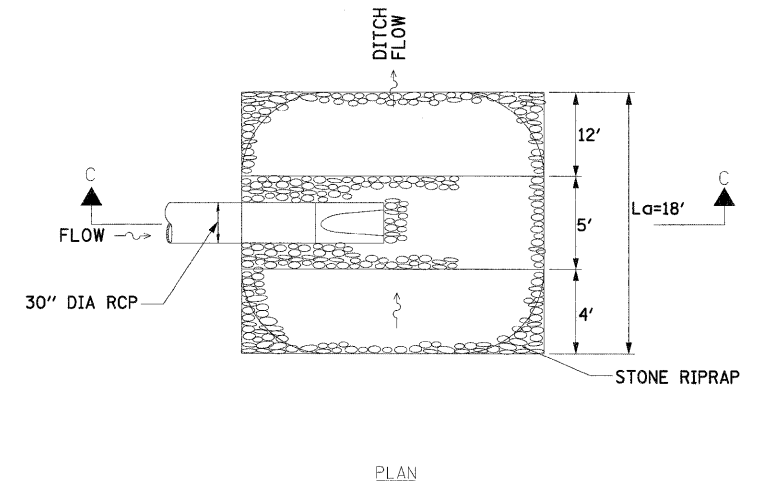
DRAINAGE STRUCTURE INFORMATION TABLE

STRUCTURE NUMBER	DUAWING NUMBER	STATION	OFFSET (FT)	TYPE OF STRUCTURE	FRAME AND LID	RIM ELEVATION	INVERT ELEVATIONS			
							NORTH	SOUTH	EAST	WEST
S1	DU-1	4026+87.	24.00	PRC FES 30"x 19"	-	-	516.40	-	-	-
S2	DU-1	4026+15.	8.38	CB TYPE A, 5' DIA.	TYPE 24 F & G	521.2	516.60	516.54	-	-
S3	DU-1	4024+15.	6.00	CB TYPE A, 5' DIA.	TYPE 24 F & G	522.30	517.40	516.95	-	-
S4	DU-1	4022+15.	6.00	CB TYPE A, 5' DIA.	TYPE 24 F & G	523.19	517.75	517.75	-	-
S5	DU-2	4019+50.	6.00	CB TYPE A, 5' DIA.	TYPE 24 F & G	523.55	518.40	518.25	-	-
S6	DU-2	4018+37.	6.00	CB TYPE A, 4' DIA.	TYPE 24 F & G	523.58	518.85	518.85	-	-
S7	DU-2	4018+23.	6.00	CB TYPE A, 4' DIA.	TYPE 24 F & G	523.64	519.00	518.90	-	-
S8	DU-2	4016+50.	6.00	CB TYPE A, 4' DIA.	TYPE 24 F & G	524.25	520.00	519.5	-	-
S9	DU-2	4014+75.	6.00	CB TYPE A, 4' DIA.	TYPE 24 F & G	525.16	520.70	520.60	-	-
S10	DU-2	4013+00.	6.00	CB TYPE A, 4' DIA.	TYPE 24 F & G	526.45	522.00	521.75	-	-
S11	DU-2	4011+15.	6.00	CB TYPE A, 4' DIA.	TYPE 24 F & G	527.8	-	523.35	-	-
S12	DU-2	4010+30.36	66.70	PRC FES 24"	-	-	523.81	-	-	-
S13	DU-2	4009+38.7	64.00	PRC FES 24"	-	-	-	524.08	-	-
S14	DU-2	4008+39.5	47.75	PRC FES 30"x 19"	-	-	-	-	524.40	-
S15	DU-2	4008+40.11	22.63	MH TYPE A, 5' DIA.	TYPE 8 GRATE	529.5	525.50	-	525.25	524.70
S16	DU-2	4007+62.71	36.93	PRC FES 24"	-	-	-	526.50	-	-
S17	DU-2	4006+79.8	13.71	PRC FES 24"	-	-	526.03	-	-	-
S18	DU-3	4006+31.42	3.64	PRC FES 24"	-	-	-	526.25	-	-

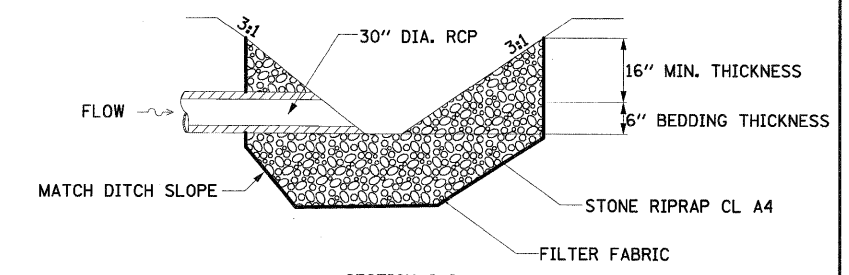


NOTE: THIS DETAIL TO BE USED WITH IDOT STANDARD 601001-03 SUB-SURFACE DRAINS

PIPE UNDERDRAINS DETAIL
NOT TO SCALE



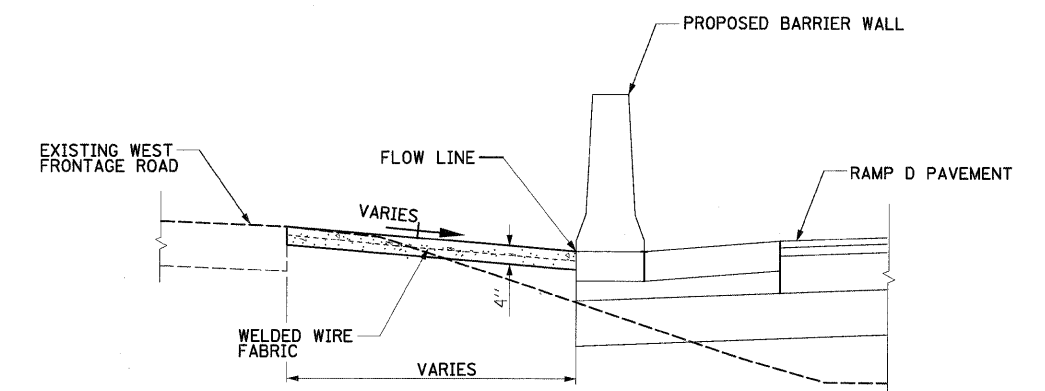
PLAN



SECTION C-C
RIPRAP DETAIL
NOT TO SCALE

DRAINAGE PIPE INFORMATION TABLE

PIPE NUMBER	P CLVT TY 1 CL A 24" (FOOT) (542A0229)	SS TY 1 CL A 8" (FOOT) (550A0030)	SS TY 1 CL A 24" (FOOT) (550A0120)	SS TY 1 CL A 30"x19" (FOOT) (55034300)	SS TY 1 CL A 21" (FOOT) (550A0110)	SS TY 2 CL A 12" (FOOT) (550A0340)	SS TY 2 CL A 15" (FOOT) (550A0360)	SS TY 2 CL A 18" (FOOT) (550A0380)	PIPE SLOPE (%)	TRENCH BACKFILL (CU. FT)	COMMENT
P2	-	-	-	195	-	-	-	-	0.18	33.2	
P3	-	-	195	-	-	-	-	-	0.18	45.9	
P4	-	-	260	-	-	-	-	-	0.19	61.1	
P5	-	-	-	-	108	-	-	-	0.23	20.9	
P6	-	-	-	-	-	-	-	11	0.45	2.0	
P7	-	-	-	-	-	-	-	168	0.3	30.3	
P8	-	-	-	-	-	-	171	-	0.35	28.6	
P9	-	-	-	-	-	-	171	-	0.61	32.5	
P10	-	-	-	-	-	180	-	-	0.75	31.2	
P11	78	-	-	-	-	-	-	-	0.30	27.6	TEMP CLVT - ADV CONTRACT
P12	-	-	-	62	-	-	-	-	0.44	15.5	
P13	-	-	73	-	-	-	-	-	1.27	15.0	
P14	39	-	-	-	-	-	-	-	0.43	0.0	TEMP CLVT - ADV CONTRACT

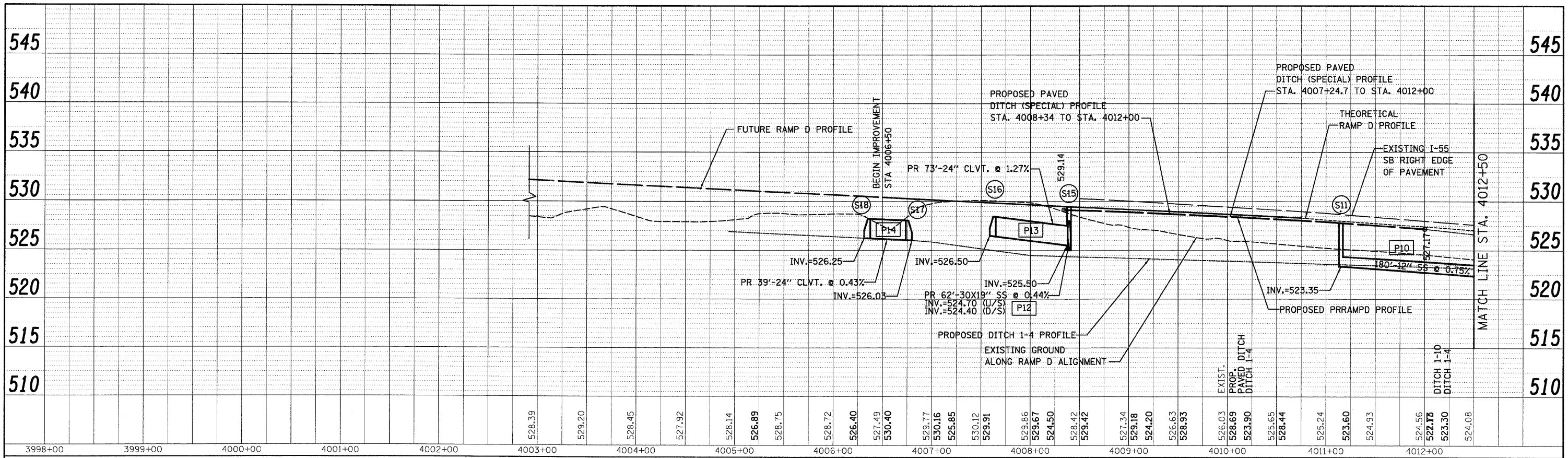


PAVED DITCH (SPECIAL) DETAIL
NOT TO SCALE

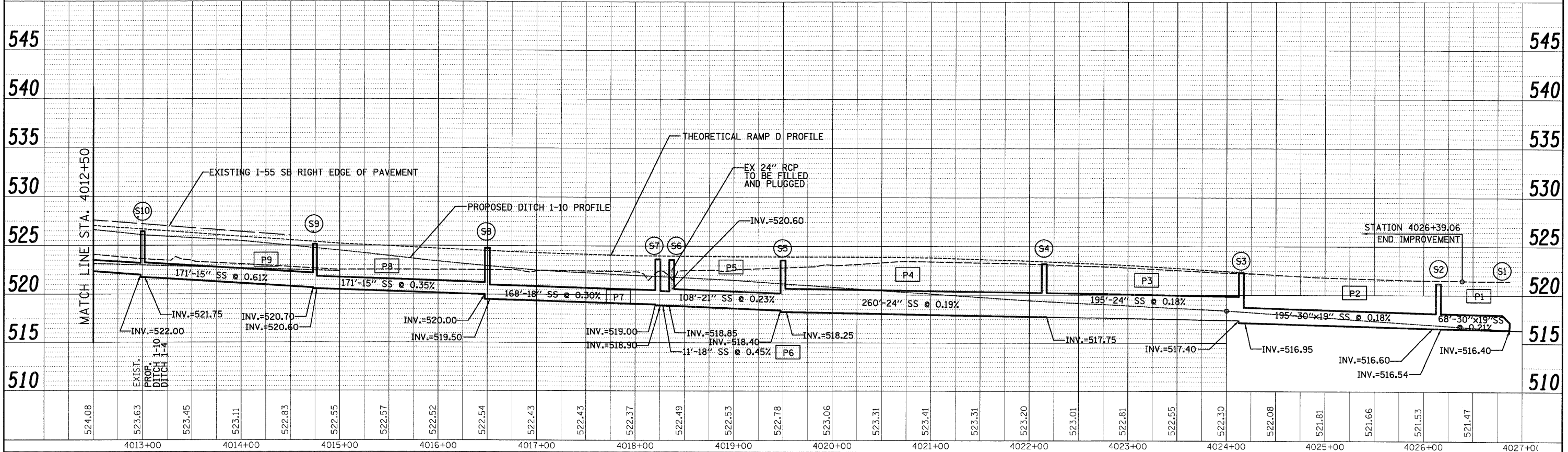
SINGH
 300 W. ADAMS ST.
 CHICAGO, IL 60606
 SINGH & ASSOCIATES, INC. TEL: (312) 629-0240
 CONSULTING ENGINEERS FAX: (312) 629-8449

FILE NAME = D:\6071-SHT-DRAIN11.dgn	USER NAME = K\luegel	DESIGNED - VP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE STRUCTURE AND PIPE INFORMATION TABLE	F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 82	
PLOT SCALE = 1:50	CHECKED - PKT	REVISED -	SCALE: 1"=50'			SHEET NO. 4 OF 10 SHEETS	STA. 1040+65.00 TO STA. 1053+00.00	CONTRACT NO. 60F71		FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT
PLOT DATE = 3/28/2009	DATE = 03/20/09	REVISED -									

PLAN SURVEYED BY DATE
 ALIGNED CHECKED
 RT. OF WAY CHECKED
 NO. PLOTTED FILE NAME



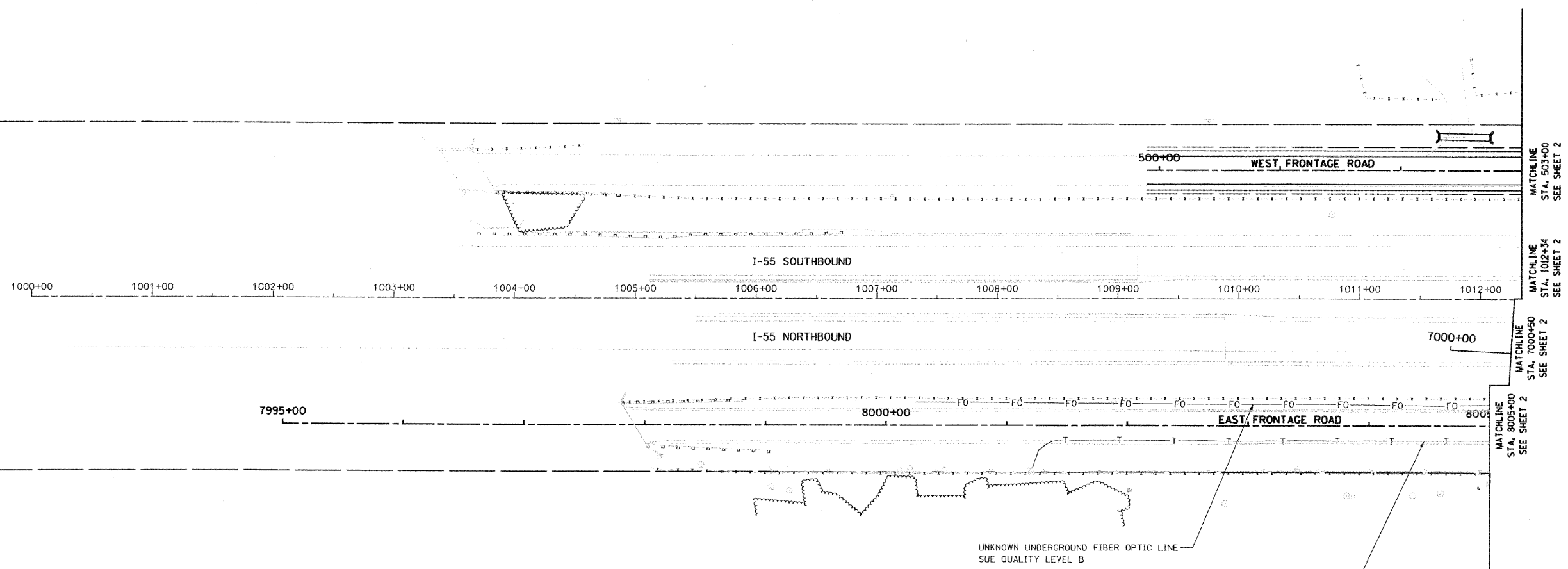
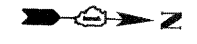
PROFILE SURVEYED BY DATE
 GRADES CHECKED
 RAW NOTES CHECKED
 NO. STRUCTURE NOTATIONS CHFD



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 CHICAGO, IL 60606
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 SINGH & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 FAX: (312) 629-8449

FILE NAME = D:\B0F71-SHT-DRAIN2.dgn	USER NAME = TKLuegel	DESIGNED - VP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-55 AT ARSENAL ROAD - DRAINAGE PROFILE SCALE: 1"=50' H1"=10' V SHEET NO. 1 OF 1 SHEETS STA. 4006+50 TO STA. 4026+87.35	F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 83
PLOT SCALE = 1:50	CHECKED - PKT	DATE = 03/20/09	REVISED -		CONTRACT NO. 60F71				
PLOT DATE = 3/28/2009	DATE = 03/20/09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
DRAWN - VP CHECKED - PKT DATE = 03/20/09 REVISED -									

FINAL



LEGEND

— T —	EXISTING UNDERGROUND TELEPHONE
— FO —	EXISTING UNDERGROUND FIBER OPTIC
— E —	EXISTING UNDERGROUND ELECTRIC
— G —	EXISTING UNDERGROUND GAS

STATE OF ILLINOIS)
COUNTY OF COOK) S.S.

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 1ST DAY OF DECEMBER A.D. 2008 AND THE 8TH DAY OF JANUARY A.D. 2009.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 16TH DAY OF JANUARY A.D., 2009. CHICAGO, IL.

- NOTES:**
- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60C31, DATED NOVEMBER 20, 2008.
 - COMCAST DOES NOT HAVE ANY UNDERGROUND FACILITIES WITHIN THE PROJECT LIMITS.
 - UNKNOWN FIBER OPTIC LINE WAS DISCOVERED IN THE FIELD. IT IS ASSUMED TO BE LEVEL 3 COMMUNICATION. AS OF JANUARY 9, 2008, ASE HAS NOT RECEIVED LEVEL 3 COMMUNICATION UTILITY MAPS. THEREFORE, THE UNKNOWN FIBER OPTIC SHOWN BASED ON FIELD EVIDENCE.



Steven M. Rienks
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2009

AT&T UNDERGROUND TELEPHONE LINE
SUE QUALITY LEVEL B

UNKNOWN UNDERGROUND FIBER OPTIC LINE
SUE QUALITY LEVEL B

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Dixon 815-288-6231 / Fax 815-288-6277
Aurora 603-897-4105 / Fax 630-897-4121
Illinois Professional Design Firm No. 184-003192

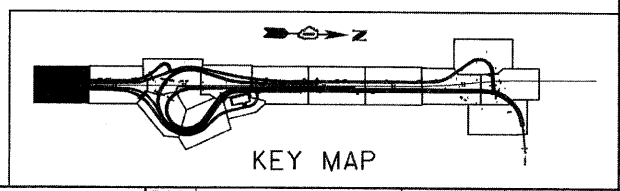
FILE NAME =	USER NAME =	DESIGNED -	REVISED -
*FILE#		DRAWN -	REVISED -
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	PLOT DATE = 1/16/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

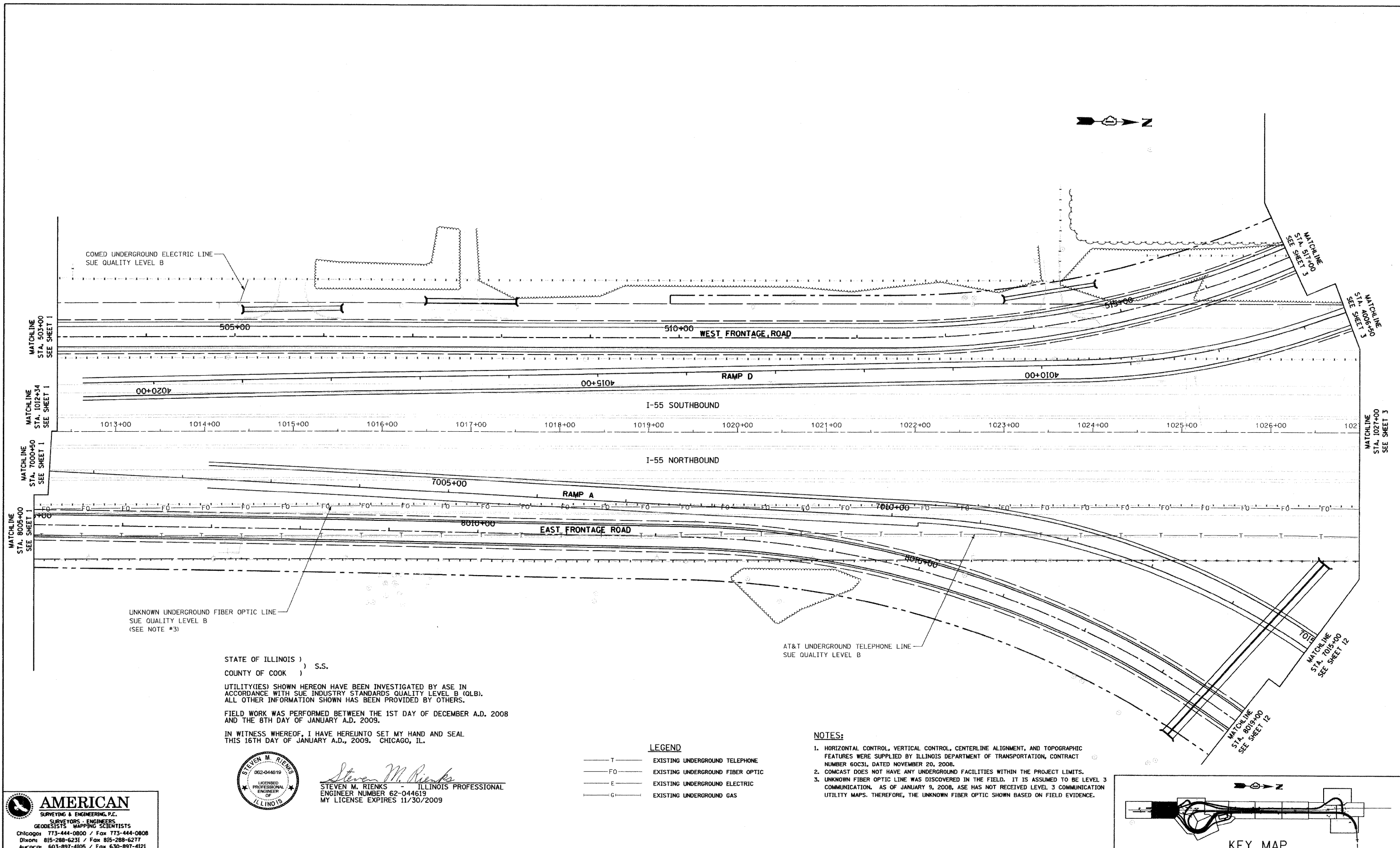
**SUE INVESTIGATION OF
UNDERGROUND UTILITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	84
FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 60C31	



FINAL



COMED UNDERGROUND ELECTRIC LINE
SUE QUALITY LEVEL B

UNKNOWN UNDERGROUND FIBER OPTIC LINE
SUE QUALITY LEVEL B
(SEE NOTE #3)

AT&T UNDERGROUND TELEPHONE LINE
SUE QUALITY LEVEL B

STATE OF ILLINOIS)
COUNTY OF COOK) S.S.

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

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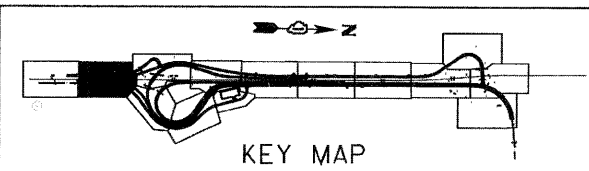
Steven M. Rienks
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER
ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2009

- LEGEND**
- T — EXISTING UNDERGROUND TELEPHONE
 - FO — EXISTING UNDERGROUND FIBER OPTIC
 - E — EXISTING UNDERGROUND ELECTRIC
 - G — EXISTING UNDERGROUND GAS

NOTES:

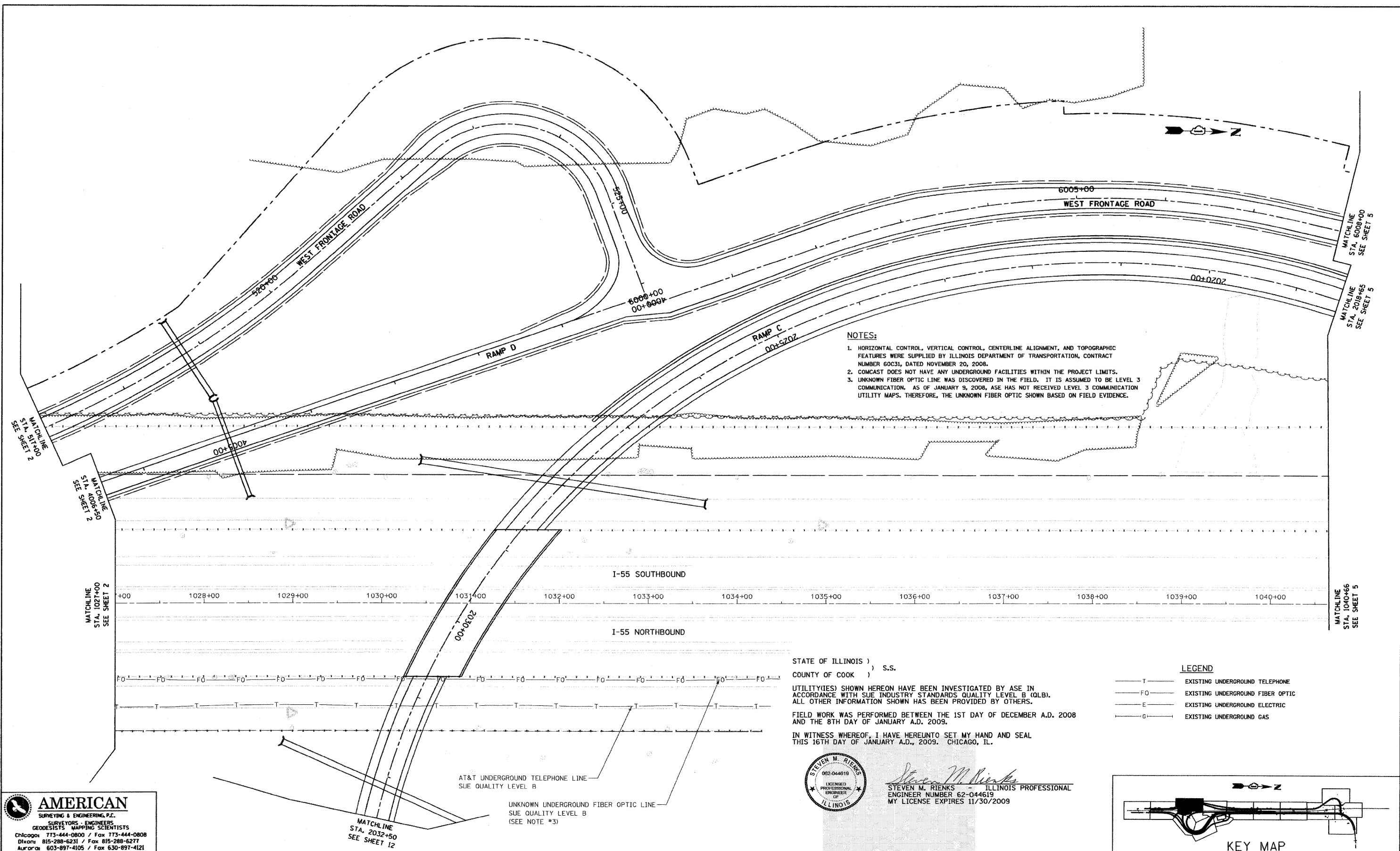
1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60C31, DATED NOVEMBER 20, 2008.
2. COMCAST DOES NOT HAVE ANY UNDERGROUND FACILITIES WITHIN THE PROJECT LIMITS.
3. UNKNOWN FIBER OPTIC LINE WAS DISCOVERED IN THE FIELD. IT IS ASSUMED TO BE LEVEL 3 COMMUNICATION. AS OF JANUARY 9, 2008, ASE HAS NOT RECEIVED LEVEL 3 COMMUNICATION UTILITY MAPS. THEREFORE, THE UNKNOWN FIBER OPTIC SHOWN BASED ON FIELD EVIDENCE.

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Illinois Professional Design Firm No. 184-003192



FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUE INVESTIGATION OF UNDERGROUND UTILITIES	F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 85		
#FILE#	PLOT SCALE = 1"=50'	DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60C31			
	PLOT DATE = 1/15/2009	CHECKED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

FINAL



NOTES:

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STATE OF ILLINOIS)
 COUNTY OF COOK) S.S.

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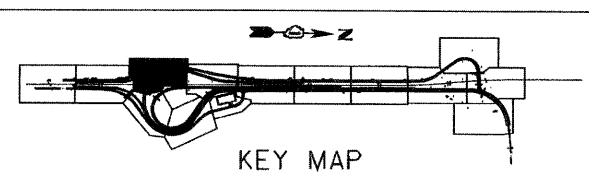
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Steven M. Rienks
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER
 ENGINEER NUMBER 62-044619
 MY LICENSE EXPIRES 11/30/2009

- LEGEND**
- T — EXISTING UNDERGROUND TELEPHONE
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 - E — EXISTING UNDERGROUND ELECTRIC
 - G — EXISTING UNDERGROUND GAS



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 Dixon 815-288-6231 / Fax 815-288-6277
 Aurora 630-897-4105 / Fax 630-897-4121
 Illinois Professional Design Firm No. 184-003192

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#FILE#		DRAWN -	REVISED -
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	PLOT DATE = 1/16/2009	DATE -	REVISED -

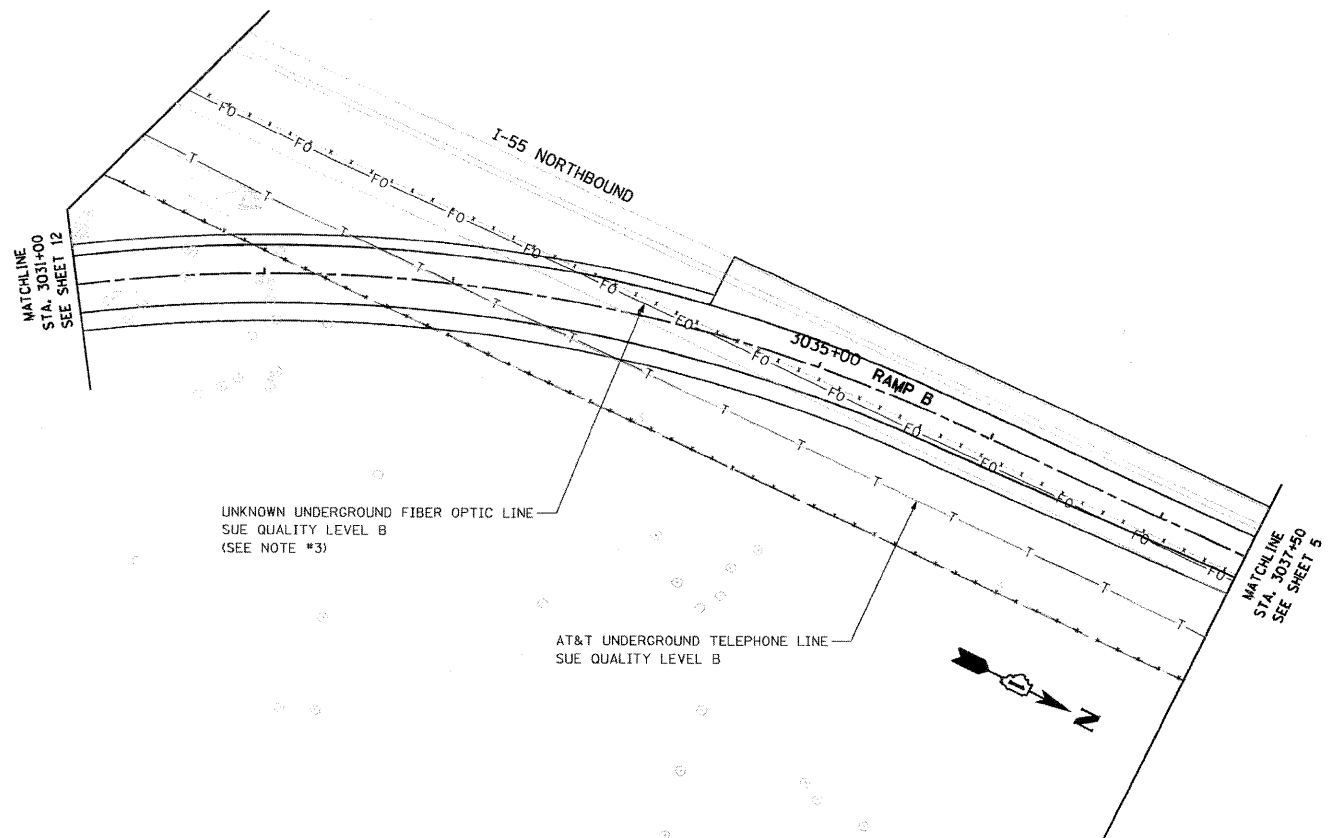
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF
 UNDERGROUND UTILITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	86
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



LEGEND

— T —	EXISTING UNDERGROUND TELEPHONE
— FO —	EXISTING UNDERGROUND FIBER OPTIC
— E —	EXISTING UNDERGROUND ELECTRIC
— G —	EXISTING UNDERGROUND GAS

- NOTES:**
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STATE OF ILLINOIS)
COUNTY OF COOK) S.S.

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

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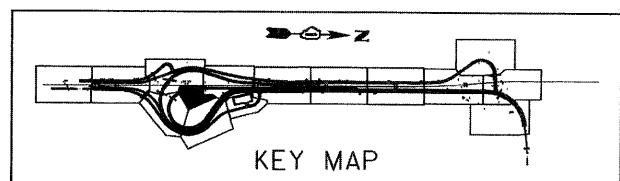
IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 16TH DAY OF JANUARY A.D., 2009. CHICAGO, IL.



Steven M. Rienks
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2009

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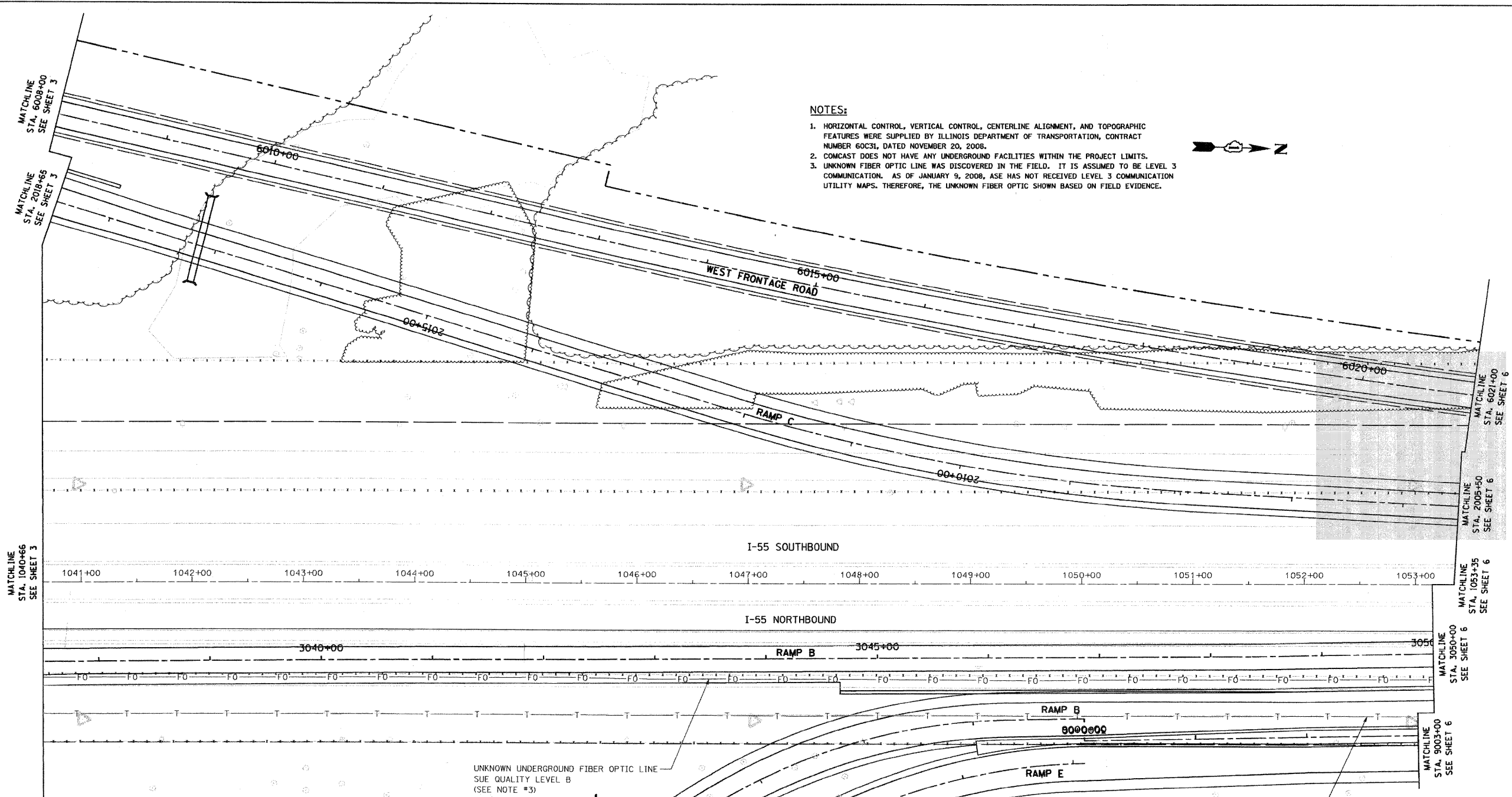


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PLOT DATE = 1/16/2009	DATE -	REVISED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 60C31 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

FINAL

NOTES:

1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60C31, DATED NOVEMBER 20, 2008.
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UNKNOWN UNDERGROUND FIBER OPTIC LINE
SUE QUALITY LEVEL B
(SEE NOTE #3)

AT&T UNDERGROUND TELEPHONE LINE
SUE QUALITY LEVEL B

STATE OF ILLINOIS)
COUNTY OF COOK) S.S.

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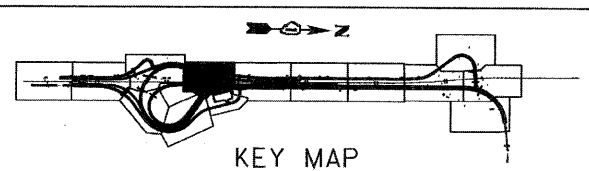
IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 16TH DAY OF JANUARY A.D., 2009. CHICAGO, IL.



Steven M. Rienks
STEVEN M. RIENKS ILLINOIS PROFESSIONAL
ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2009

LEGEND

- T — EXISTING UNDERGROUND TELEPHONE
- FO — EXISTING UNDERGROUND FIBER OPTIC
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS



KEY MAP

AMERICAN
SURVEYING & ENGINEERING, P.C.
SURVEYORS • ENGINEERS
GEODESISTS • MAPPING SCIENTISTS
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Illinois Professional Design Firm No. 184-003192

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
	PLOT SCALE = 1"=50'	CHECKED -	REVISED -
	PLOT DATE = 1/16/2009	DATE -	REVISED -

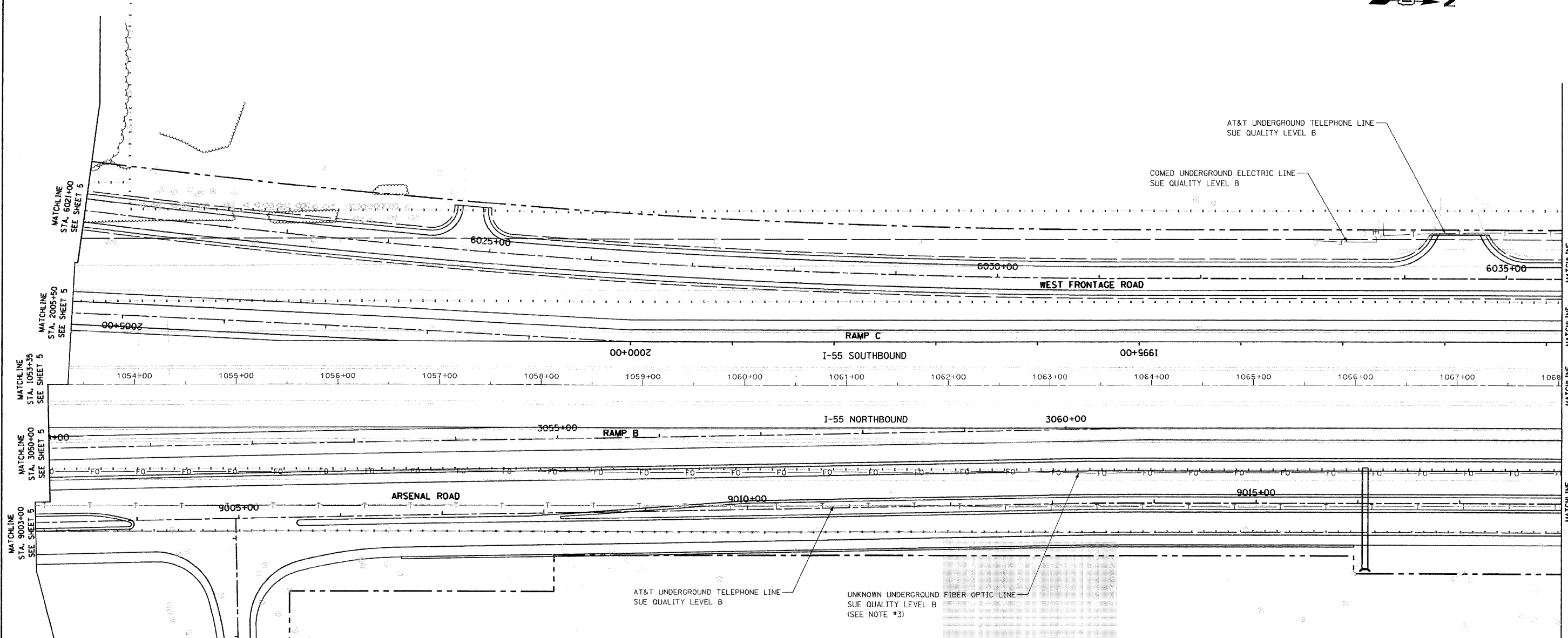
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF
UNDERGROUND UTILITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	88
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

FINAL



MATCHLINE STA. 1053+35 SEE SHEET 5

MATCHLINE STA. 1054+00 SEE SHEET 5

MATCHLINE STA. 2005+50 SEE SHEET 5

MATCHLINE STA. 602+00 SEE SHEET 5

MATCHLINE STA. 9003+00 SEE SHEET 5

MATCHLINE STA. 3050+00 SEE SHEET 5

MATCHLINE STA. 1068+00 SEE SHEET 7

MATCHLINE STA. 1950+85 SEE SHEET 7

MATCHLINE STA. 6035+55 SEE SHEET 7

MATCHLINE STA. 9016+00 SEE SHEET 7

NOTES:

- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60C31, DATED NOVEMBER 20, 2008.
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STATE OF ILLINOIS)
 COUNTY OF COOK) S.S.

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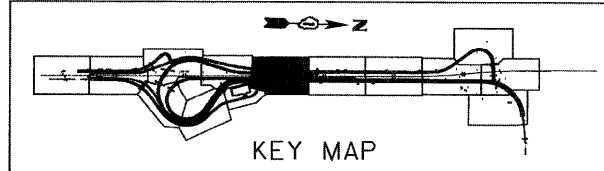
IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 16TH DAY OF JANUARY A.D., 2009. CHICAGO, IL.



Steven M. Rienks
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
 MY LICENSE EXPIRES 11/30/2009

LEGEND

— T —	EXISTING UNDERGROUND TELEPHONE
— FO —	EXISTING UNDERGROUND FIBER OPTIC
— E —	EXISTING UNDERGROUND ELECTRIC
— G —	EXISTING UNDERGROUND GAS



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 Aurora: 630-897-4105 / Fax 630-897-4121
 Illinois Professional Design Firm No. 184-003192

FILE NAME =	USER NAME =
FILE	
PLOT SCALE = 1"=50'	
PLOT DATE = 1/16/2009	

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUE INVESTIGATION OF UNDERGROUND UTILITIES			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

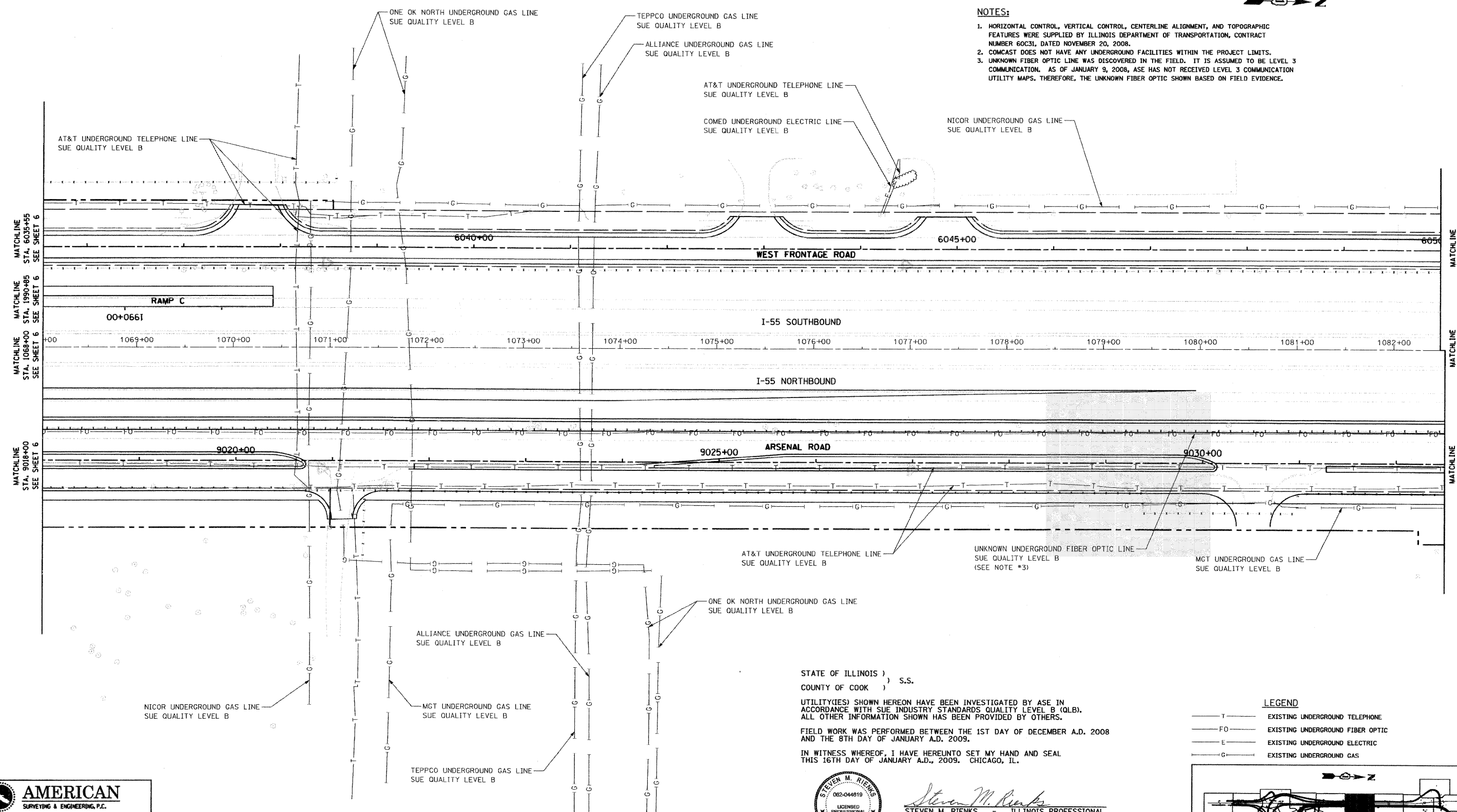
F.A.J. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 89
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL



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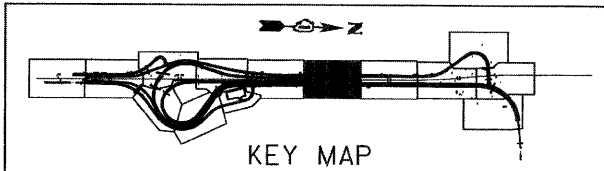
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Steven M. Rienks
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 MY LICENSE EXPIRES 11/30/2009

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FILE NAME =	USER NAME =	DESIGNED -	REVISED -
④FILE④		DRAWN -	REVISED -
	PLDT SCALE = 1"=50'	CHECKED -	REVISED -
	PLDT DATE = 1/16/2009	DATE -	REVISED -

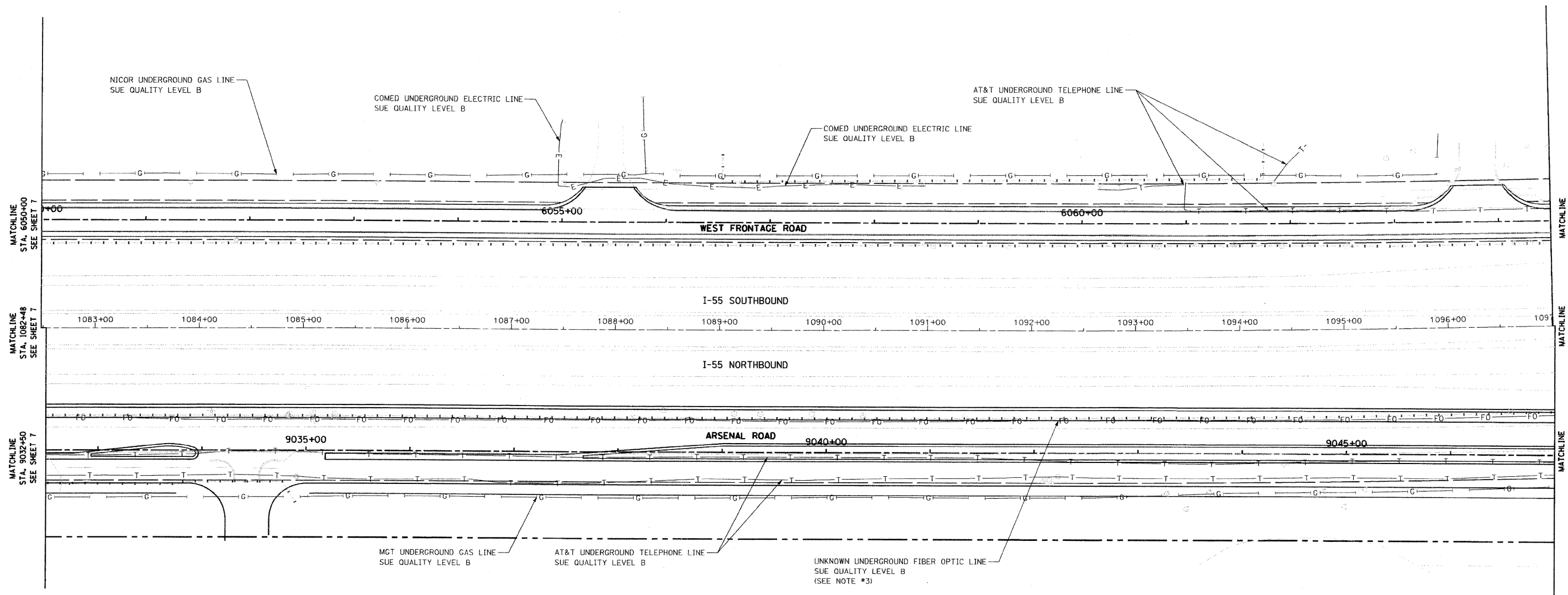
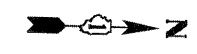
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF
 UNDERGROUND UTILITIES**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	90
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60C31				

FINAL



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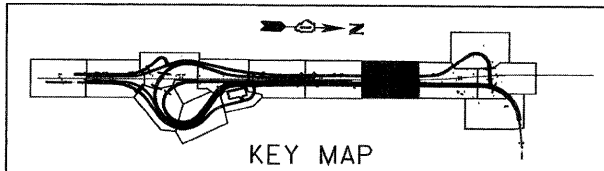
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Steven M. Rienks
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 MY LICENSE EXPIRES 11/30/2009

LEGEND

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUE INVESTIGATION OF
 UNDERGROUND UTILITIES

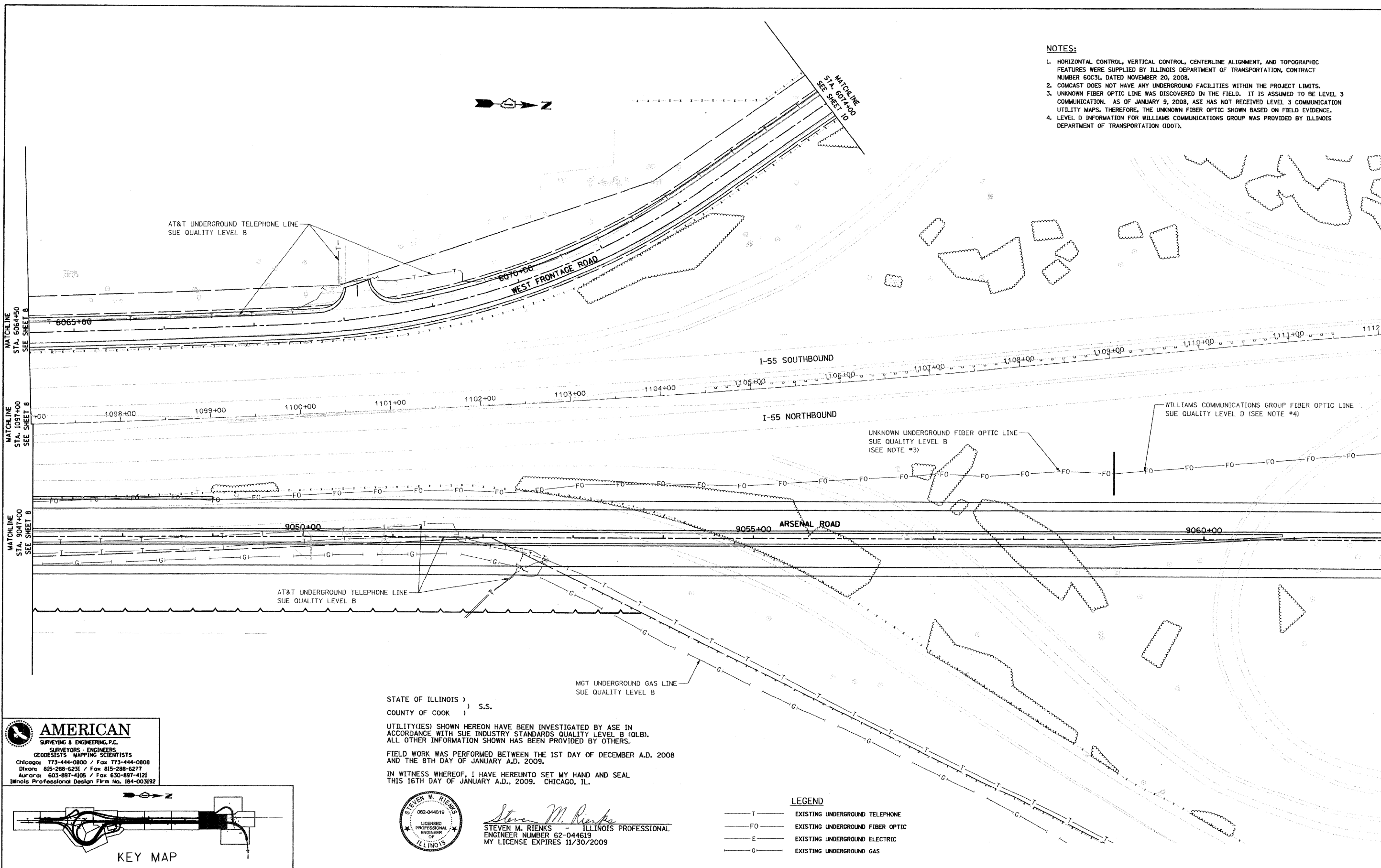
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	91
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

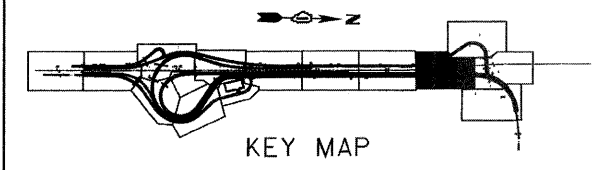
FINAL

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Illinois Professional Design Firm No. 184-003192



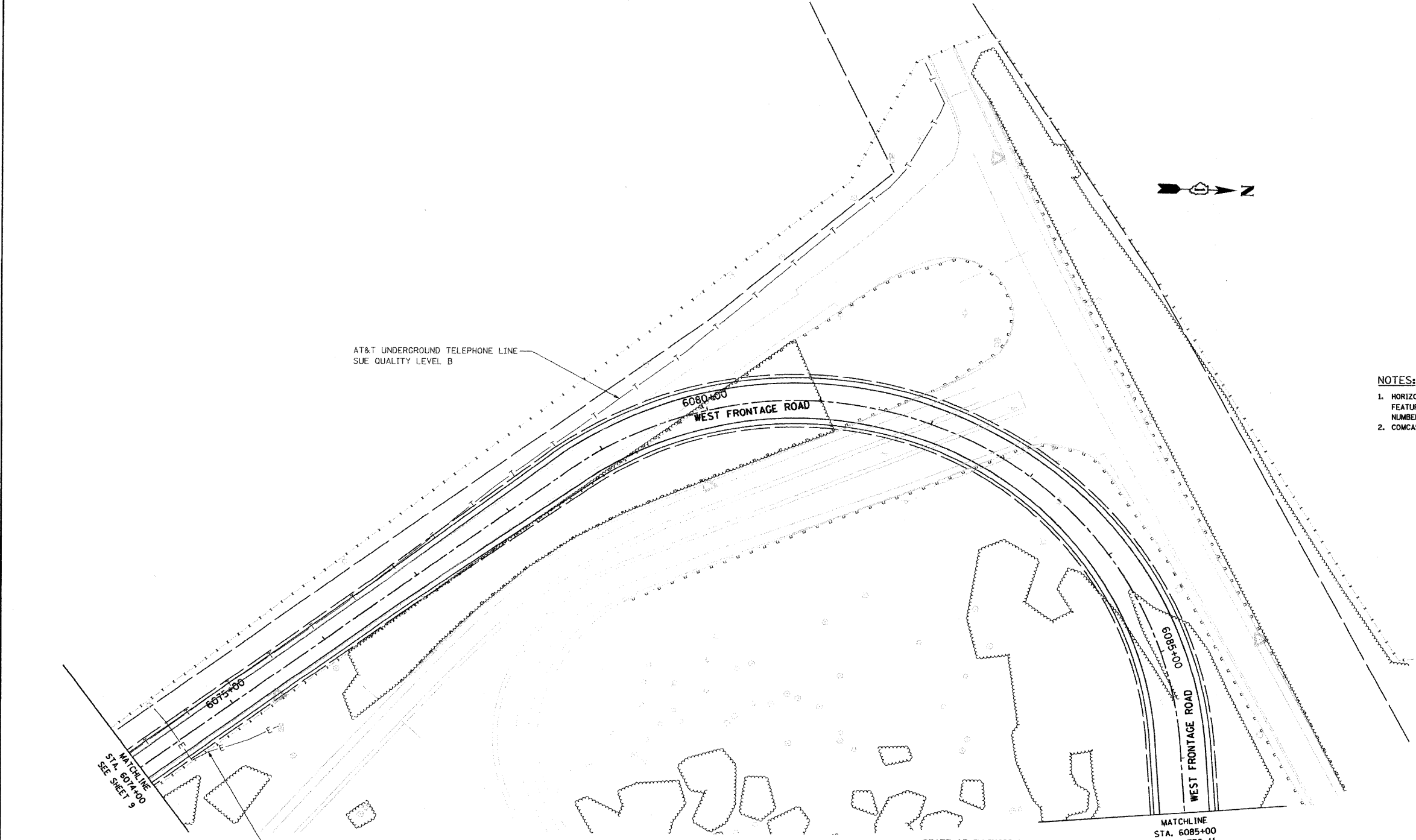
STATE OF ILLINOIS)
COUNTY OF COOK) S.S.
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Steven M. Rienks
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2009

- LEGEND**
- T — EXISTING UNDERGROUND TELEPHONE
 - FO — EXISTING UNDERGROUND FIBER OPTIC
 - E — EXISTING UNDERGROUND ELECTRIC
 - G — EXISTING UNDERGROUND GAS

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUE INVESTIGATION OF UNDERGROUND UTILITIES			F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 92	
#FILE#	PLOT SCALE = 1"=50'	DRAWN -	REVISED -					SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60C31		ILLINOIS FED. AID PROJECT
	PLOT DATE = 1/16/2009	CHECKED -	REVISED -										
		DATE -	REVISED -										

FINAL



AT&T UNDERGROUND TELEPHONE LINE
SUE QUALITY LEVEL B

COMED UNDERGROUND ELECTRIC LINE
SUE QUALITY LEVEL B

NOTES:

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MATCHLINE
STA. 6074+00
SEE SHEET 9

MATCHLINE
STA. 6085+00
SEE SHEET 11

STATE OF ILLINOIS)
COUNTY OF COOK) S.S.

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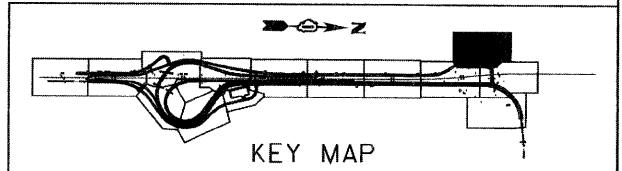
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Steven M. Rienks
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL
ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2009

LEGEND

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	PLOT SCALE = 1"=50'	CHECKED -	REVISED -
	PLOT DATE = 1/16/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE INVESTIGATION OF
UNDERGROUND UTILITIES

SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.
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F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	93
FED. ROAD DIST. No. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



MATCHLINE
STA. 6085+00
SEE SHEET 10

I-55 SOUTHBOUND

I-55 NORTHBOUND

1113+00

1116+00

1117+00

1118+00

1119+00

1120+00

1121+00

1122+00

1123+00

1124+00

1125+00

1126+00

1127+00

MATCHLINE
STA. 1112+00
SEE SHEET 9

WILLIAMS COMMUNICATIONS GRO
SUE QUALITY LEVEL D (SEE NO

FO

FO

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FO

MATCHLINE
STA. 9062+00
SEE SHEET 9

9065+00

WEST FRONT

ARSENAL ROAD

9070+00

MATCHLINE
STA. 9070+50
SEE SHEET 15

NOTES:

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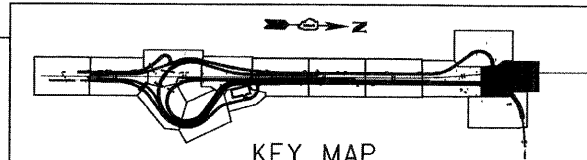
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Steven M. Rienks
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE INVESTIGATION OF
UNDERGROUND UTILITIES

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	94
CONTRACT NO. 60C31				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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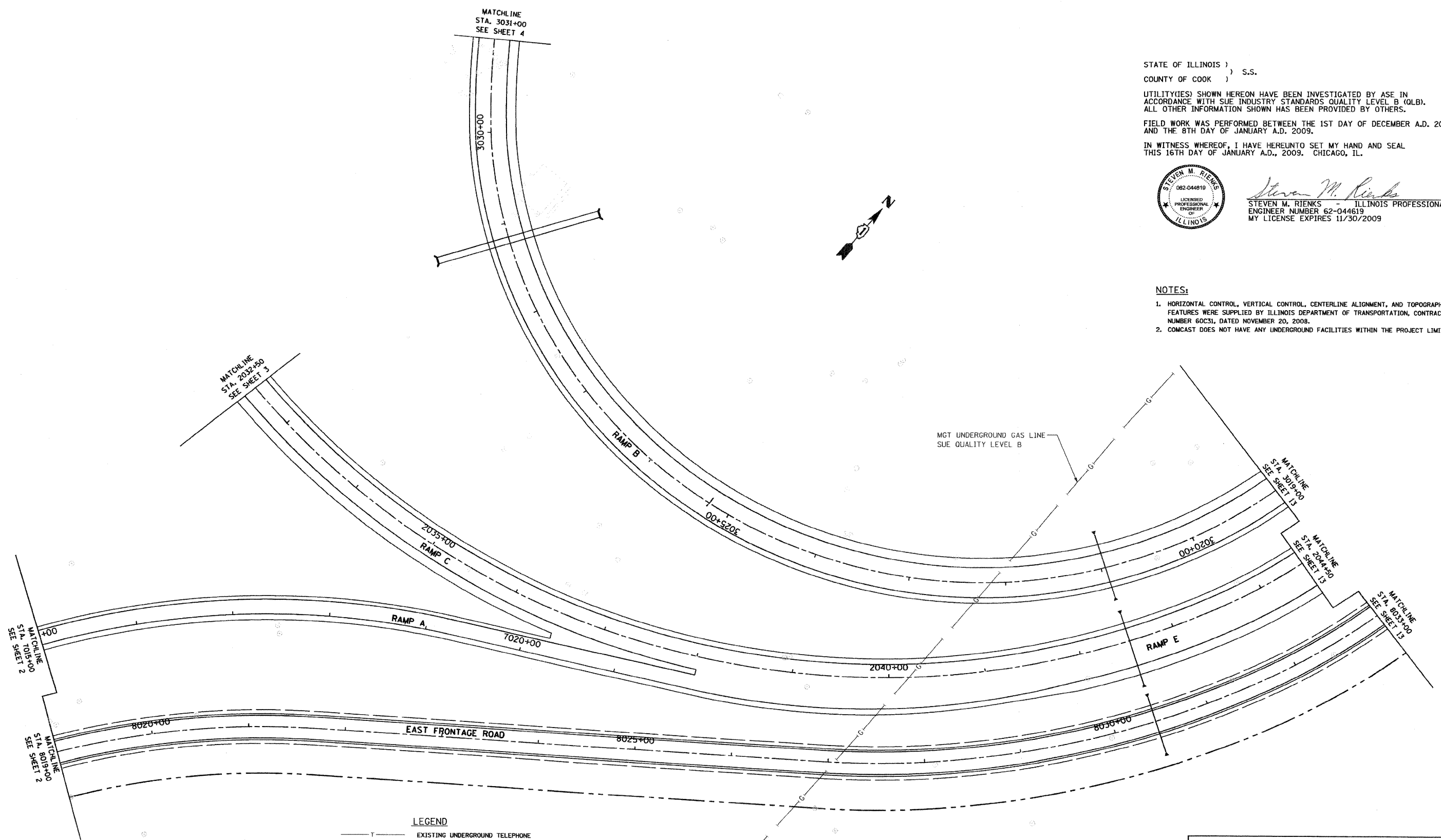
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Steven M. Rienks
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044819
MY LICENSE EXPIRES 11/30/2009

NOTES:

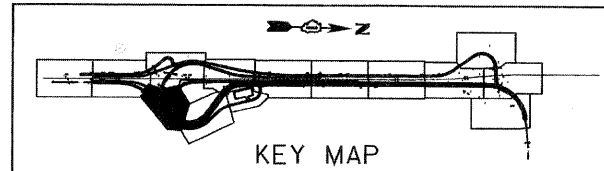
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LEGEND

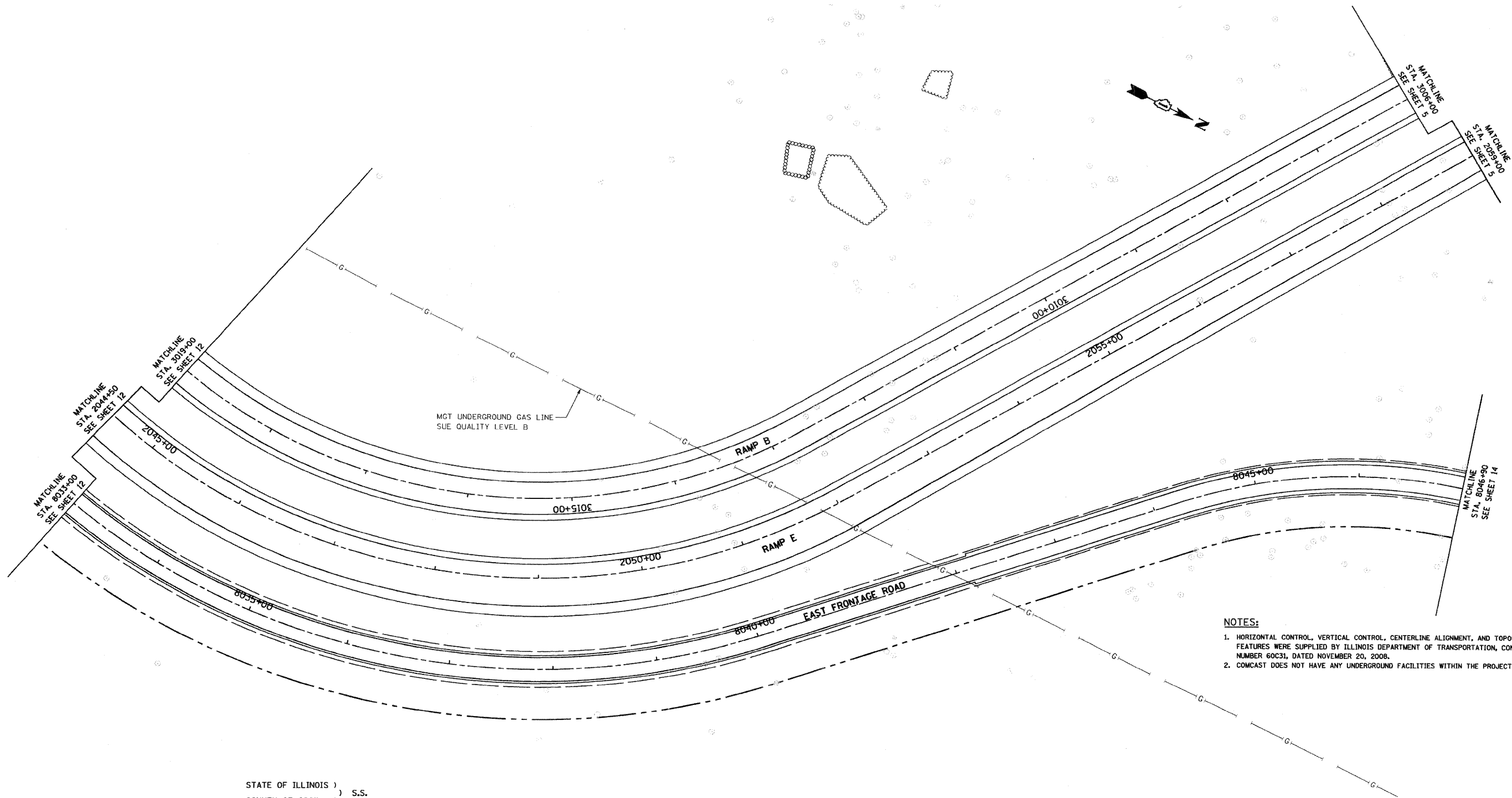
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PLOT DATE = 1/16/2009	DATE -	CHECKED -	REVISED -					CONTRACT NO. 60C31				
				SCALE:		SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL
UTIL-12



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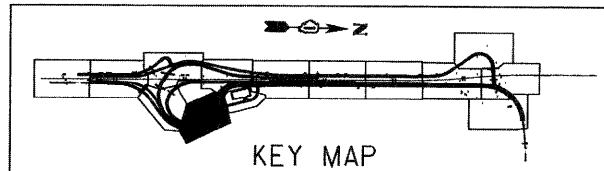
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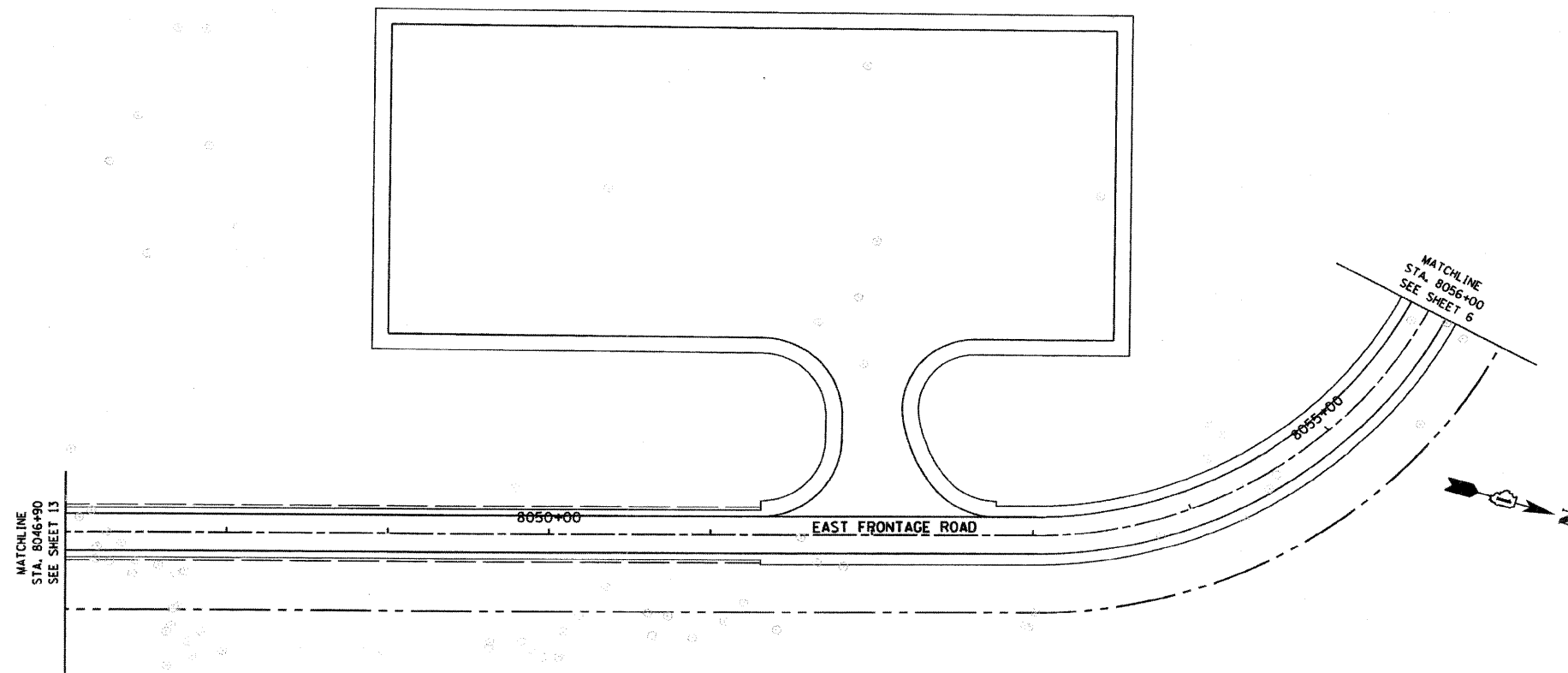
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF
UNDERGROUND UTILITIES**

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

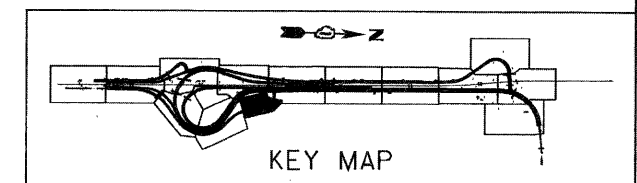
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	96
CONTRACT NO. 60C31			ILLINOIS FED. AID PROJECT	

FINAL



FOR INFORMATION ONLY

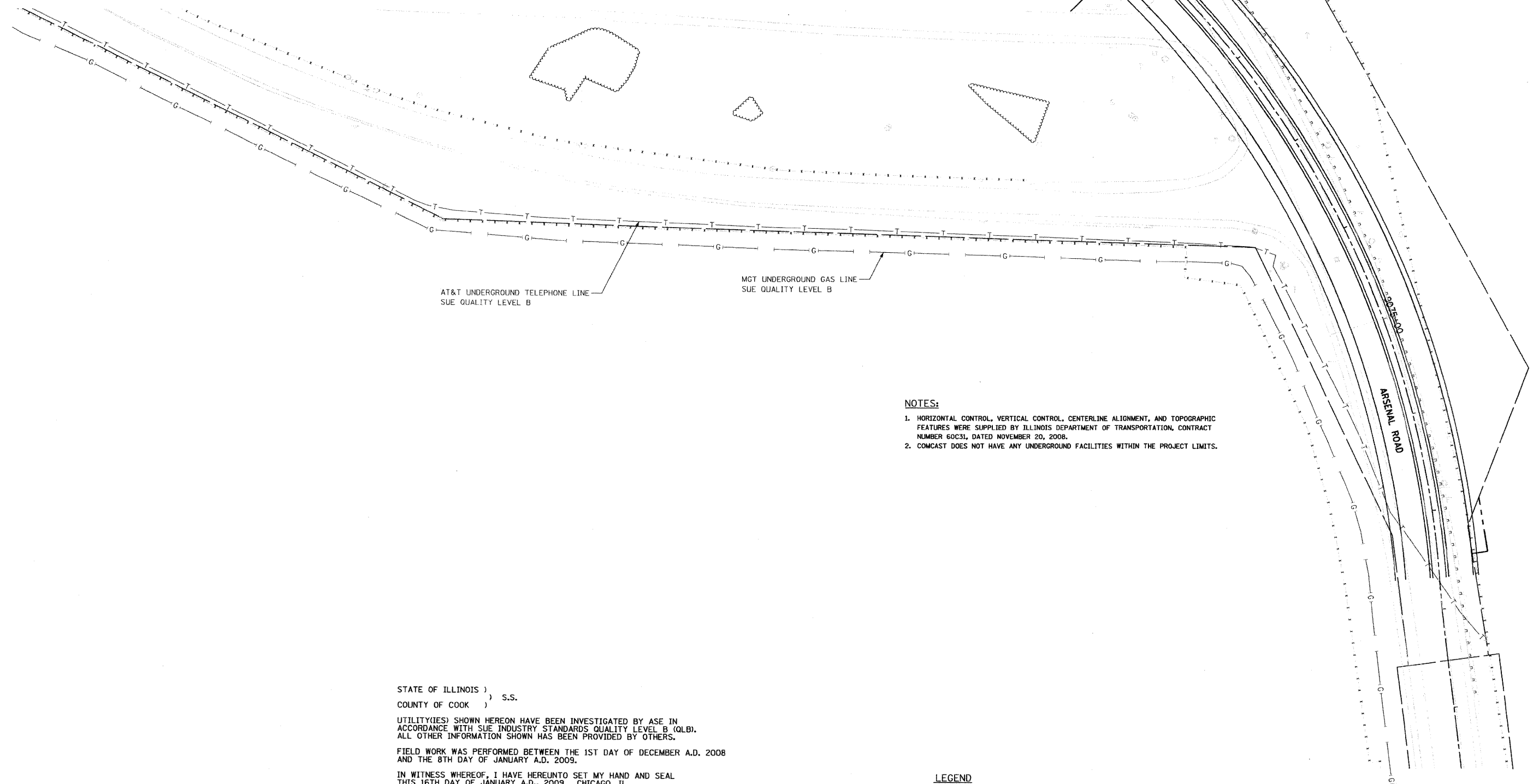
AMERICAN
 SURVEYING & ENGINEERING, P.C.
 SURVEYORS - ENGINEERS
 GEODESISTS - MAPPING SCIENTISTS
 Chicago: 773-444-0800 / Fax 773-444-0808
 Dixon: 815-288-6231 / Fax 815-288-6277
 Aurora: 603-897-4105 / Fax 630-897-4121
 Illinois Professional Design Firm No. 184-003192



FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUE INVESTIGATION OF UNDERGROUND UTILITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE = 1"=50'	DRAWN -	REVISED -			55	99-2HB-2-R	WILL	171	97
	PLOT DATE = 1/16/2009	CHECKED -	REVISED -			CONTRACT NO. 60C31		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		
		DATE -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.						

FINAL

MATCHLINE
STA. 9070+50
SEE SHEET 11



AT&T UNDERGROUND TELEPHONE LINE
SUE QUALITY LEVEL B

MGT UNDERGROUND GAS LINE
SUE QUALITY LEVEL B

- NOTES:**
- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60C31, DATED NOVEMBER 20, 2008.
 - COMCAST DOES NOT HAVE ANY UNDERGROUND FACILITIES WITHIN THE PROJECT LIMITS.

STATE OF ILLINOIS)
) S.S.
COUNTY OF COOK)

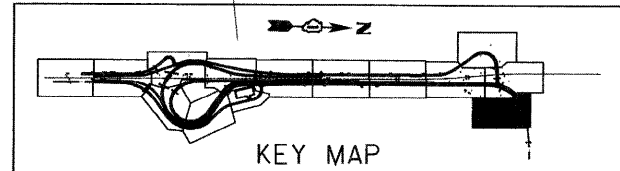
UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 1ST DAY OF DECEMBER A.D. 2008 AND THE 8TH DAY OF JANUARY A.D. 2009.

IN WITNESS WHEREOF, I HAVE HERELINTO SET MY HAND AND SEAL THIS 16TH DAY OF JANUARY A.D., 2009. CHICAGO, IL.

LEGEND

- T — EXISTING UNDERGROUND TELEPHONE
- FO — EXISTING UNDERGROUND FIBER OPTIC
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS



AMERICAN
SURVEYING & ENGINEERING, P.C.
SURVEYORS - ENGINEERS
CODINGISTS - MAPPING SCIENTISTS
Chicago 773-444-0800 / Fax 773-444-0808
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Aurora 603-897-4105 / Fax 630-897-4121
Illinois Professional Design Firm No. 184-003192



Steven M. Rienks
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL
ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2009

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
FILE		DRAWN -	REVISED -
	PLOT SCALE = 1"=50'	CHECKED -	REVISED -
	PLOT DATE = 1/16/2009	DATE -	REVISED -

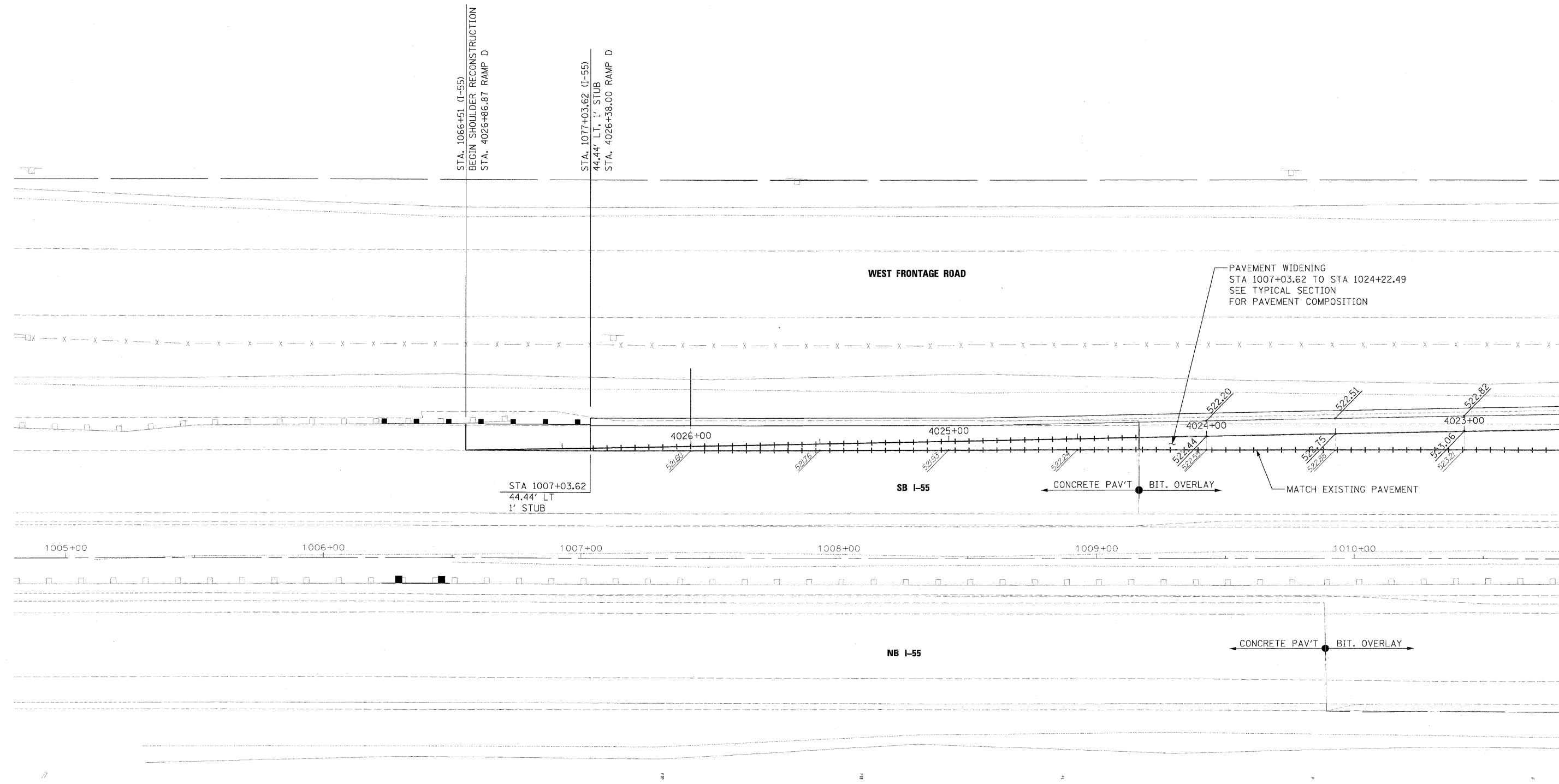
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF
UNDERGROUND UTILITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	98
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL
UTIL-15



EXISTING LEGEND
 PROPOSED ELEVATION
 EXISTING ELEVATION

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

FILE NAME = D:\62\F71-SHT-DETAIL\501.dgn	USER NAME = TKluegel	DESIGNED - JTF	REVISED -
		DRAWN - JTF	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 03/20/09	REVISED -

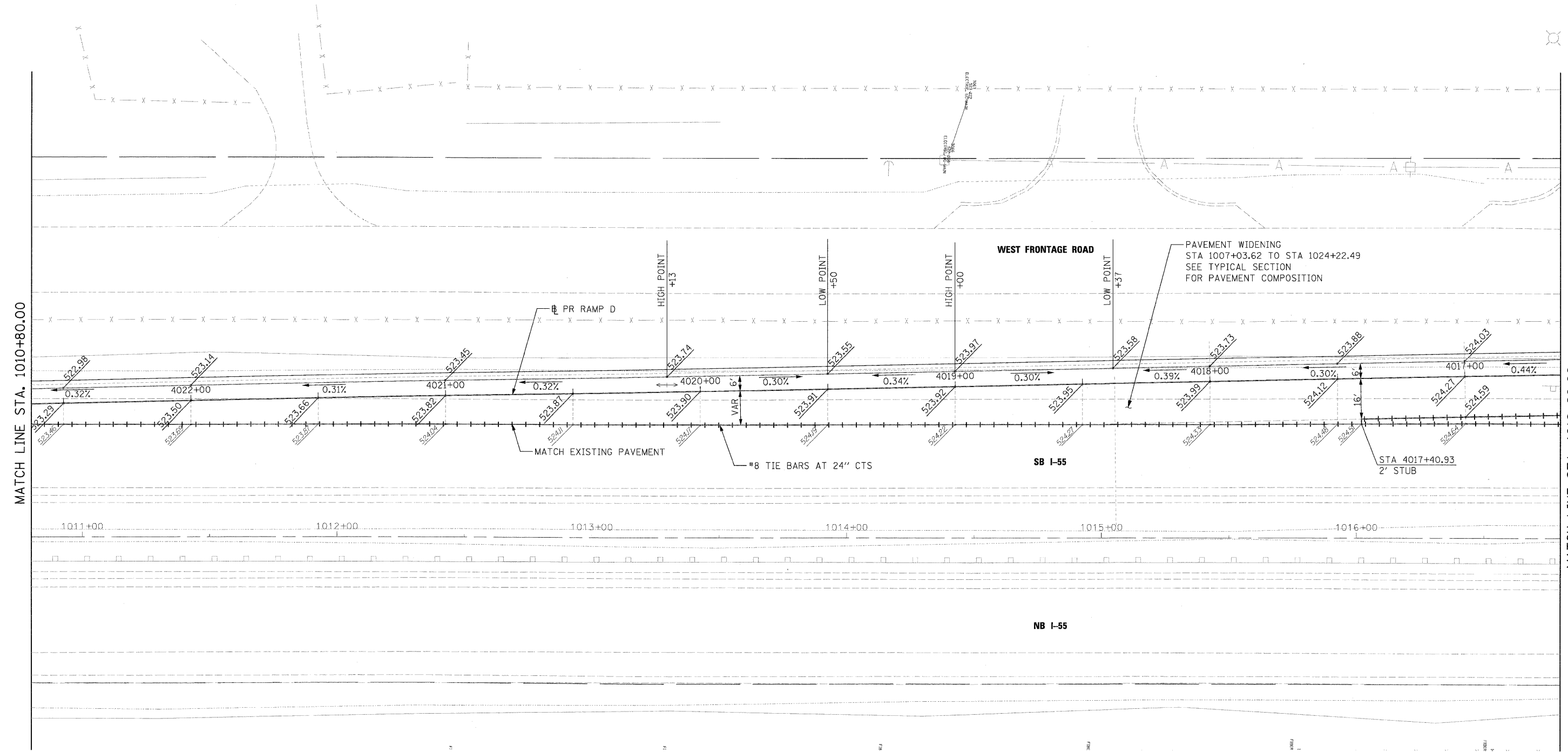
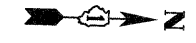
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP D PAVEMENT AND GORE DETAIL
 SCALE: 1"=20' SHEET NO. 1 OF 4 SHEETS STA. 1005+00 TO STA. 1010+80.00

F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 171	SHEET NO. 99
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F71	

MATCH LINE STA. 1010+80.00

FINAL



EXISTING LEGEND

999.99
PROPOSED ELEVATION

999.99
EXISTING ELEVATION

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

FILE NAME = D:\6071-SHT-DETAILS02.dgn	USER NAME = TKLuegel	DESIGNED - JTF	REVISED -
PLOT SCALE = 1:20	CHECKED - DLT	DRAWN - JTF	REVISED -
PLOT DATE = 3/19/2009	DATE - 03/20/09		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP D PAVEMENT AND GORE DETAIL

SCALE: 1"=20'

SHEET NO. 2 OF 4 SHEETS

STA. 1010+80.00 TO STA. 1016+80.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	171	100
CONTRACT NO. 60F71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				