

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	1

* (53RS-7,P(RS-2))N,TS
CONTRACT NO. 72897

18
317 total sheets

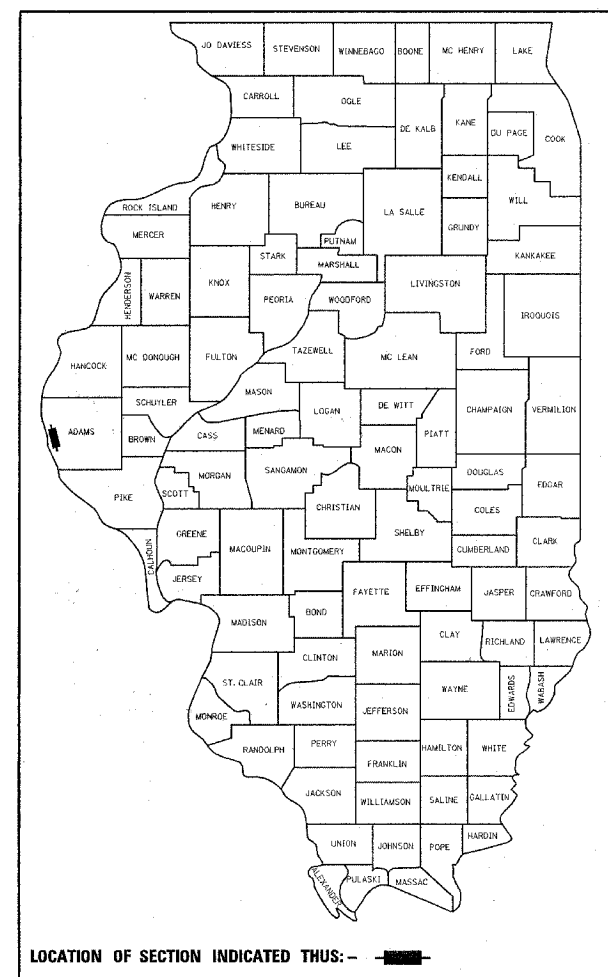
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 502 (IL 57) AND RADIO ROAD
SECTION (53RS-7,P(RS-2))N,TS

ADAMS COUNTY
C-96-511-05

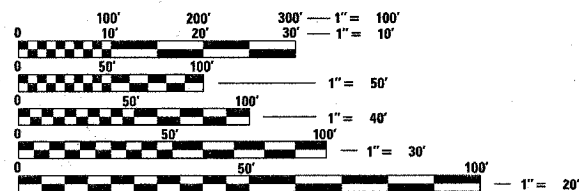
FOR INDEX OF SHEETS, SEE SHEET NO. 2



PROJECT ENGINEER: JOHN BARANZELLI (217) 782-5503
SQUAD LEADER: MARCUS BRUCE (217) 785-5336

PROJECT LOCATION/DESCRIPTION:
- IL 57 @ THE INTERSECTION OF RADIO ROAD
1.5 MILES SOUTH OF THE SOUTH CITY LIMITS
OF QUINCY, ILLINOIS

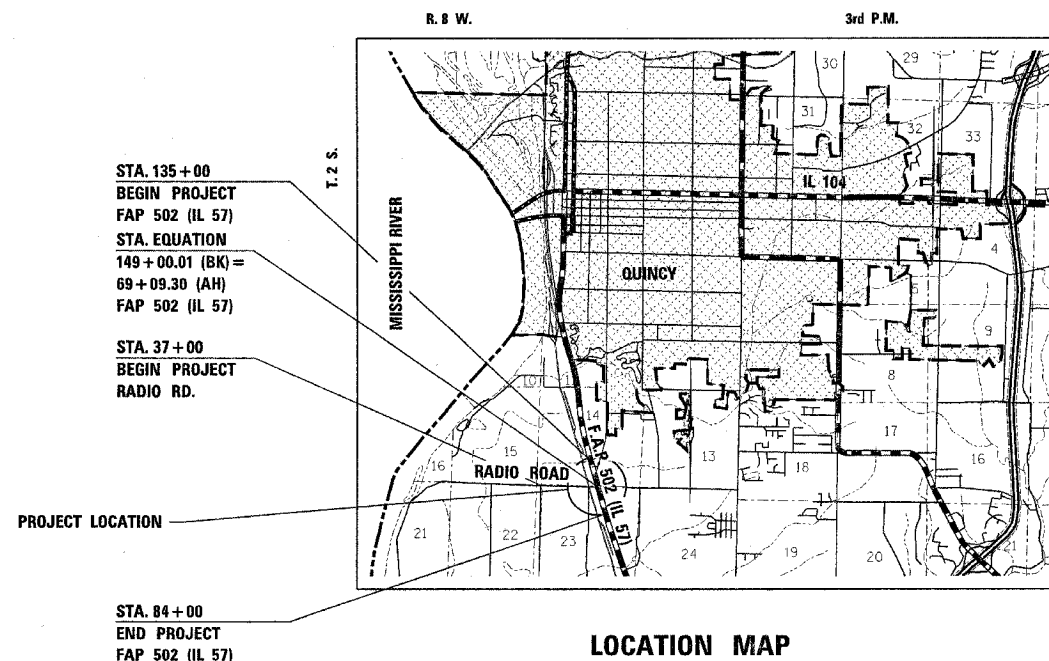
-REALIGNMENT, INTERSECTION IMPROVEMENTS
OF RADIO ROAD ONTO IL 57 WITH RESURFACING
AND OTHER RELATED WORK WITH THE ADDITION
OF TRAFFIC SIGNALS



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

CONTRACT NO. 72897



LOCATION MAP

NET LENGTH PROJECT = 2294.42 FT. = .435 MI. (IL 57)
NET LENGTH PROJECT = 850.19 FT. = .161 MI. (RADIO ROAD)

DESIGN DESIGNATION

FAP 502 (IL 57) @ RADIO ROAD
ROADWAY CLASSIFICATION: MINOR ARTERIAL
CRS: 7.0
CURRENT ADT 5850 (IL 57) - 2100 (RADIO ROAD)
DESIGN ADT 7000 (IL 57) - 2450 (RADIO ROAD)-
SU = 13.4% MU = 20.2%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED February 4, 2005

[Signature]
DISTRICT ENGINEER

March 25, 2005
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 25, 2005
[Signature]
DIRECTOR, DIVISION OF HIGHWAYS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

(53RS-7, PIRS-2) N,TS
CONTRACT NO. 72897

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* 52 A. GROUT REPAIR DETAIL

HIGHWAY STANDARDS

- 000001-04 Standard Symbols, Abbreviations, and Patterns
- 280001-02 Temporary Erosion Control Systems
- 420001-05 Pavement Joints
- 420101-02 (24") Jointed PCC Pavement
- 483001-01 PCC Shoulder
- 542301 Precast Reinforced Concrete Flared End Section
- 602301 Inlet - Type A
- 602306 Inlet - Type B
- 602401 Manhole Type A
- 604001-02 Frame and Lids, Type 1
- 604036-01 Grate Type 8
- 604041-01 Frame and Grate, Type 9
- 604066-01 Frame and Lid, Type 15
- 606301-02 PC Concrete Islands and Medians
- 606306-01 Corrugated PC Concrete Medians
- 701001-01 Off-Road Operations 2L, 2W, 4.5m (15') min. For Speeds > 45 mph
- 701006-02 Off-Road Operations, 2L, 2W, 4.5m (15') to Pavement Edge for Speeds > 45 mph
- 701201-02 Lane Closure, 2L, 2W, day only ON-RD to 600mm (24") Off-Road for Speeds > 45 mph
- 701301-02 Lane Closure 2L, 2W Short Time Operations
- 701306-01 Lane Closure 2L, 2W Slow Moving Operations Day Only for Speeds > 45 mph
- 701311-02 Lane Closure 2L, 2W Moving Operations - Day Only
- 701326-02 Lane Closure, 2L, 2W Pavement Widening for Speeds > 45 mph
- 701331-02 Lane Closure 2L, 2W, with Run-Around for Speeds > 45 mph
- 702001-05 Traffic Control Devices
- 720016 -01 Mast Arm Mounted Street Name Signs
- 780001-01 Typical Pavement Markings
- 781001-02 Typical Applications Raised Reflective Pavement Markers
- 805001 Electrical Service Installation Details
- 814001 Concrete Handholes
- 814006 Double Handholes
- 857001 Standard Phase Designation Diagrams and Phase Sequences
- 857006 Supervised Railroad Interconnect Circuit
- 877011-02 Steel Combination Mast Arm Assembly and Pole
- 878001-03 Concrete Foundation Details
- 880001 Span Wire Mounted Signals and Flashing Beacon Installation
- 880006 Traffic Signal Mounting Details

GENERAL NOTES

THE STANDARDS AND REVISION NUMBER LISTED SHALL APPLY TO THIS PROJECT.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THERE LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

THE THICKNESS OF BITUMINOUS MIXTURE 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 BITUMINOUS MIXTURE IS BEING PLACED.

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. ALL UTILITY LOCATIONS SHOWN ARE SUPPLIED BY THE UTILITY COMPANIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE QUANTITY FOR EARTH EXCAVATION INCLUDES THE GRADING AND SHAPING OF DITCHES.

BITUMINOUS CONCRETE MIX DESIGN TABLE INFORMATION

Mix Usage	Binder	Surface	Shoulder
AC/PG	PG 64-22	PG 64-22	PG 58-22
RAP % Max	15%	10%	15%
Design Air Voids	4.0% @ Ndesign = 70	4.0% @ Ndesign = 70	2.0% @ Ndesign = 30
Mix Composition	IL 9.5 or 12.5	IL 9.5 or 12.5	BAM
Friction AGG	N/A	Mix D	N/A
Mix Usage	Binder - Wid	Temporary - Surface	Temporary - Binder
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % Max	15%	10%	15%
Design Air Voids	4.0% @ Ndesign = 70	4.0% @ Ndesign = 70	4.0% @ Ndesign = 70
Mix Composition	IL 19.0	IL 9.5 or 12.5	IL 19.0
Friction AGG	N/A	Mix D	N/A

B. Added Sheet 4-20-05

IDOT DISTRICT 6	
EXAMINED	February 3, 2005 <i>Joan J. Hays</i>
OPERATIONS ENGINEER	
EXAMINED	Feb 3, 2005 <i>W.P. Jung</i>
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED	February 3, 2005 <i>William E. Motta</i>
PROGRAM DEVELOPMENT ENGINEER	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

FAP 502 (RADIO ROAD)
(53 RS-7, PIRS-2) N,TS
ADAMS COUNTY

SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY MEB
DATE 02-02-05

PLOT DATE = 2/3/2005
 PLOT SCALE = SCALE
 REFERENCE = #REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	•	ADAMS	35	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES					
PAY CODE	PAY ITEM	UNITS	TOTAL QUANTITY	J000 - 1A 100 % State QUANTITY	Y031-1F 100 % State QUANTITY
X6020070	Inlets, <u>Special, Type A, Type 15, Frame and Grate</u>	each	2	2	
X6020050	Inlets, <u>Special, Type B, Type 8, Frame and Grate</u>	each	3	3	
* 2000336	Drilled Shaft in Rock <u>36"</u>	foot	6		6
* X0320872	Video Vehicle Detection System	each	1		1
X0323591	Median Barrier Separators	foot	190.8	190.8	
X0323595	End Sections for Median Barrier Separator	each	4	4	
* X0323885	Traffic Signal Battery Backup System	each	1		1
X0919000	Temporary Pavement Removal	sq yd	9266	9266	
X4066428	Bituminous Concrete Surface Course, Superpave, Mix "D", N90	tons	44	44	
X4066614	Bituminous Concrete Binder Course, Superpave, IL-19.0, N50	tons	23	23	
X4066616	Bituminous Concrete Binder Course, Superpave, IL-19.0, N70	tons	36	36	
X7015050	Portable Changeable Message Sign	cal mo	12	12	
* X7800500	Polyurea Pavement Marking, <u>Special - Letters and Symbols</u>	sq ft	474.8	474.8	
* 7800820	Polyurea Pavement Marking, <u>Type 1-Line 5"</u>	foot	13758	13758	
* X7800530	Polyurea Pavement Marking, Special - Line 6"	foot	173	173	
* X7800540	Polyurea Pavement Marking, Special - Line 8"	foot	403	403	
* X7800550	Polyurea Pavement Marking, Special - Line 12"	foot	471	471	
* X7800580	Polyurea Pavement Marking, Special - Line 24"	foot	299	299	
* X8801310	Signal Head, Polycarbonate, LED, 1-Face, 3-Section, Mast Arm Mounted	each	7		7
* X8801395	Signal Head, Polycarbonate, LED, 1-Face, 5-Section, Bracket Mounted	each	1		1
* X8801400	Signal Head, Polycarbonate, LED, 1-Face, 5-Section, Mast Arm Mounted	each	2		2
* X8801460	Signal Head, Polycarbonate, LED, 3-Face, 1-3-Section, 2-5-Section, Bracket Mounted	each	3		3
* XX004976	Signal Head, Polycarbonate, LED, 3-Face, <u>3-Section, Bracket Mounted</u>	each	1		1
20013798	Constructor Layout	L sum	1	1	
XX004782	Temporary Bituminous Pavement	sq yd	9266	9266	
* XX005114	Electric Cable In Conduit, 600V (XLP-Type Use) 3-1/C NO. 12	foot	982		982

* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
 FAP 502 (IL 57) & RADIO ROAD
 SECTION (53RS-7, P(RS-2)) N, TS
 ADAMS COUNTY
 QUINCY, IL
 SCALE: VERT. _____
 HORIZ. _____
 DATE 01-23-04
 DRAWN BY TMJ
 CHECKED BY MEB

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 2/16/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (53RS-7,(RS-2))N,TS
CONTRACT NO. 72897

SUMMARY OF QUANTITIES					
PAY CODE	PAY ITEM	UNITS	TOTAL QUANTITY	J000 - 1A 100 % State QUANTITY	Y031-1F 100 % State QUANTITY
20029302	Grout Repair	L sum	1	1	
20048665	Railroad Protective Liability Insurance	L sum	1	1	
550A0050	Storm Sewers, Class A, Type 1 - 12"	foot	111	111	
550A0090	Storm Sewers, Class A, Type 1 - 18"	foot	55	55	
550A0340	Storm Sewers, Class A, Type 2 - 12"	foot	254	254	
550A0380	Storm Sewers, Class A, Type 2 - 18"	foot	579	579	
550A0410	Storm Sewers, Class A, Type 2 - 24"	foot	203	203	
20200100	Earth Excavation	cu yd	11109	11109	
20800150	Trench Backfill	cu yd	925	925	
25000210	Seeding, Class 2A	acre	1.34	1.34	
25000400	Nitrogen Fertilizer Nutrient	pound	121	121	
25000500	Phosphorous Fertilizer Nutrient	pound	121	121	
25000600	Potassium Fertilizer Nutrient	pound	121	121	
28000250	TEMPORARY EROSION CONTROL SEEDING	pound	96	96	
25100115	Mulch, Method 2	acre	1.34	1.34	
28000300	Temporary Ditch Checks	each	13	13	
28000400	Perimeter Erosion Barrier	foot	7074	7074	
28100125	Stone Riprap, Class B3	sq yd	61	61	
28200100	Filter Fabric for use with Riprap	sq yd	61	61	
31101810	Sub-base Granular Material, Type B 12"	sq yd	17898	17898	
31102100	Sub-base Granular Material, Type C 4"	sq yd	2235	2235	
31200100	Stabilized Sub-base 4"	sq yd	15663	15663	
40600200	Bituminous Materials (Prime coat)	tons	0.4	0.4	
40600300	Aggregate (Prime Coat)	tons	2	2	
42000501	Portland Cement Concrete Pavement 10" (Jointed)	sq yd	14275	14275	
42300400	Portland Cement Concrete Driveway Pavement, 8 Inch	sq yd	830	830	
44000100	Pavement Removal	sq yd	7485	7485	
44000200	Driveway Pavement Removal	sq yd	1325	1325	
44000400	Gutter Removal	foot	2824	2824	
44001430	Bituminous Shoulder Removal	sq yd	1024	1024	

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
 FAP 502 (IL 57) & RADIO ROAD
 SECTION (53RS-7, (RS-2)) N, TS
 ADAMS COUNTY
 QUINCY, IL
 SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY MEB
 DATE 01-23-04

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2/16/2005
*REF01

• (53RS-7,(PRS-2))N,TS
CONTRACT NO. 72897

SUMMARY OF QUANTITIES					
PAY CODE	PAY ITEM	UNITS	TOTAL QUANTITY	J000 - 1A 100 % State QUANTITY	Y031-1F 100 % State QUANTITY
48101200	Aggregate Shoulders, Type B	tons	62	62	
48202800	Bituminous Shoulders, Superpave 10"	sq yd	130	130	
48300500	Portland Cement Concrete Shoulders 10"	sq yd	2235	2235	
552A0900	STORM SEWERS JACKED IN PLACE, CLASS A 24"	FOOT	60	60	
50102400	Concrete Removal	cu yd	5	5	
50200000	STORM SEWERS JACKED IN PLACE, CLASS A 18"	FOOT	100	100	Δ
54201483	Pipe Culverts, Type 2, Corrugated Steel or Aluminum Culvert Pipe 18"	foot	116	116	Δ
54201483	PIPE CULVERTS, TYPE 2, REINFORCED CONCRETE, EQUIVALENT ROUND SIZE 18"	FOOT	100	100	Δ
54201489	Pipe Culverts, Type 2, Corrugated Steel or Aluminum Culvert Pipe 24"	foot	60	60	
54206739	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE, EQUIVALENT ROUND SIZE 24"	FOOT	225	225	
54213657	Precast Reinforced Concrete Flared End Sections 12"	each	1	1	
54213447	END SECTIONS 12"	EACH	1	1	
54213663	Precast Reinforced Concrete Flared End Sections 18"	each	2	2	
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTION, EQUIVALENT ROUND SIZE 24"	EACH	2	2	
54213669	Precast Reinforced Concrete Flared End Sections 24"	each	3	3	Δ
54215979	REINFORCED CONCRETE PIPE ELBOW 24"	EACH	1	1	
60218400	Manholes, Type A, 4'-Diameter, Type 1, Frame, Closed Lid	each	2	2	
XX004738	REINFORCED CONCRETE PIPE TEE, EQUIVALENT ROUND SIZE 24" W/12" RISER	EACH	1	1	
60219000	Manholes, Type A, 4'-Diameter, Type 8, Frame and Grate	each	2	2	
54200439	PIPE CULVERTS, TYPE 1, RCCP 24"	FOOT	55	55	
60219100	Manholes, Type A, 4'-Diameter, Type 9, Frame and Grate	each	1	1	
54206734	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE, EQUIVALENT ROUND SIZE 18"	foot	180	180	
60240303	Inlets, Type B, Type 9 Frame and Grate <i>JACKED IN PLACE</i>	each	2	2	
60260100	Inlets to be Adjusted	each	1	1	
60602500	Concrete Gutter, Type A	foot	1944	1944	
60605000	Combination Concrete Curb and Gutter, Type B-6.24	foot	512	512	
60608600	Combination Concrete Curb and Gutter, Type M-6.06	foot	28	28	
60610400	Combination Concrete Curb and Gutter, Type M-6.24	foot	26	26	
60610900	Combination Concrete Curb and Gutter, Type M-6.24 (Variable Width Gutter Flag)	foot	27	27	
60618300	Concrete Median Surface 4"	sq ft	167	167	
60622400	Concrete Median, Type SM-6.06	sq ft	10366	10366	
60624600	Corrugated Median	sq ft	1784	1784	
* 63000000	Steel Plate Beam Guard Rail, Type A	foot	25	25	
* 63100167	Traffic Barrier Terminal, Type 1 Special (Tangent)	each	2	2	
67100100	Mobilization	L sum	1	1	
67000400	Engineer's Field Office, Type A	cal mo	6	6	
70100200	Traffic Control and Protection, Standard 701331	each	1	1	
70100450	Traffic Control and Protection, Standard 701201	L sum	1	1	
70100450	Traffic Control and Protection, Standard 701306	L sum	1	1	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	25	25	
70100500	Traffic Control and Protection, Standard 701326	L sum	1	1	

* SPECIALTY ITEMS

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ILLINOIS DEPARTMENT OF TRANSPORTATION
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70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	95	95		
72000100	Sign Panel, Type 1	sq ft	18		18	
72000200	Sign Panel, Type 2	sq ft	22.5		22.5	
737A0200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	1		1	
78100100	Raised Reflective Pavement Markers	each	211	211		
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2		
80500100	Service Installation, Type A	each	1		1	
80801400	Wood Pole, 25 FT, Class 4	each	1		1	
81012600	Conduit in Trench, 2" Diameter, PVC	foot	109		109	
81012800	Conduit In Trench, 3" Diameter, PVC	foot	54		54	
81013000	Conduit In Trench, 4" Diameter, PVC	foot	53.5		53.5	
81021570	Conduit Augered, 3" Diameter, PVC	foot	160		160	
81021590	Conduit Augered, 4" Diameter, PVC	foot	163.5		163.5	
81400100	Handhole	each	3		3	
81400300	Double Handhole	each	2		2	
81500200	Trench and Backfill for Electrical Work	foot	216.5		216.5	
82103250	Luminaire, Sodium Vapor, Horizontal Mount, Photo Cell Control, 250 Watt	each	4		4	
85700300	Full-Activated Controller and Type V Cabinet	each	1		1	
86000100	Master Controller	each	1		1	
86400100	Transceiver- Fiber Optic	each	1		1	
87301255	Electric Cable In Conduit, Signal NO 14 7/C	foot	2221.5		2221.5	
87301265	Electric Cable In Conduit, Signal NO 14 9/C	foot	852		852	
87301525	Electric Cable In Conduit, Lead In, No 18, 6 Pair	foot	1079.5		1079.5	
87301605	Electric Cable In Conduit, Communication, No 16, 3 Pair	foot	76		76	
87502700	Traffic Signal Post, Aluminum, 16 FT	each	2		2	
87702900	Steel Combination Mast Arm Assembly and Pole 34 FT	each	2		2	
87702950	Steel Combination Mast Arm Assembly and Pole 44 FT	each	1		1	
87702970	Steel combination Mast Arm Assembly and Pole 48 FT	each	1		1	
87800100	Concrete Foundation, Type A	foot	6		6	
87800200	Concrete Foundation, Type D	foot	3.5		3.5	
87800415	Concrete Foundation, Type E, 36" Diameter	foot	51		51	
88200100	Traffic Signal Back Plate	each	12		12	
89000100	Temporary Traffic Signal Installation	each	1		1	

*SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
 FAP 502 (IL 57) & RADIO ROAD
 SECTION (53RS-7, (RS-2)) N, TS
 ADAMS COUNTY
 QUINCY, IL
 SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY MEB
 DATE 01-23-04

Rev. 4-13-05

c:\projects\d653004\cover.dgn
 2/16/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* (53RS-7,P(RS-2))N,TS
CONTRACT NO. 72897

ROAD CONSTRUCTION SCHEDULE - BY STAGES						
PAY ITEM	STAGE I	STAGE II	STAGE III	STAGE IV	STAGE V	TOTALS
GUTTER REMOVAL- FOOT	1522	1302				2824
DRIVEWAY PAVEMENT REMOVAL- SQ YD	431	894				1325
TEMPORARY BITUMINOUS PAVEMENT- SQ YD	6652	2814				9266
PAVEMENT REMOVAL - SQ YD		6225	750	510		7485
BITUMINOUS SHOULDER REMOVAL- SQ YD		1024				1024
TEMPORARY PAVEMENT REMOVAL - SQ YD			8652		2614	9266
PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) - SQ YD		6577	6815	803	80	14275
PORTLAND CEMENT CONCRETE SHOULDERS 10" - SQ YD		815	1041	46	333	2235
SUB-BASE GRANULAR MATERIAL, TYPE B 12" - SQ YD		7392	7856	849	1801	17898
SUB-BASE GRANULAR MATERIAL, TYPE C 4" - SQ YD		815	1041	46	333	2235
STABILIZED SUB-BASE 4" - SQ YD		6577	6815	803	1468	15663
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 - FOOT		97	370	45		512
CONCRETE GUTTER, TYPE A - FOOT		687	1202	55		1944
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH - SQ YD		75	755			830
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50 - TONS				23		23
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90 - TONS				44		44
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70 - TONS				36		36
BITUMINOUS SHOULDERS SUPERPAVE 10" - SQ YD				130		130
CONCRETE MEDIAN, TYPE SM- 6.06 - SQ FT					10366	10366
CORRUGATED MEDIAN - SQ FT					1784	1784
CONCRETE MEDIAN SURFACE 4" - SQ FT					167	167
COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 - FOOT					28	28
COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 - FOOT					26	26
COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (VARIABLE WIDTH GUTTER FLAG) - FOOT					27	27
AGGREGATE SHOULDERS, TYPE B - TONS					62	62

INLET SCHEDULE - EACH					
LOCATION	IN, SPEC, TY A, TY 15, FR & G	IN, TY B, TY 8, FR & G	IN, TY B, TY 9, FR & G	IN, TY A, TY 15, FR & G	INLET TO BE ADJUSTED
ST 1 - 144+75.00, 14.88' RT	1				
ST 5 - 147+25.00, 11.40' RT	1				
ST 2 - 144+75.00, 40.00' RT		1			
ST 3 - 145+25.00, 46.90' RT		1			
ST 6 - 148+75.00, 58.50' RT		1			
ST 9 - 72+05.50, 39.70' RT			1		
ST 10 - 72+06.00, 19.50' RT				1	
IL 57 - 72+06.00, 21.00' LT					1
TOTALS	2	3	1	1	1

MANHOLE SCHEDULE - EACH			
LOCATION	MH, TY A 4' DIA TY 8 FR & G	MH, TY A 4' DIA TY 1 FR, CL	MH, TY A 4' DIA TY 9, FR & G
141+90.00, 30' RT	1		
ST 7 - 70+41.95, 67.8' RT	1		
142+31.00, 32' RT		1	
72+05.00, 46' RT		1	
ST 4 147+25.00, 51.50' RT			1
TOTALS	2	2	1

RIP RAP SCHEDULE		
STATION	FILTER FABRIC FOR USE WITH RIPRAP	STONE RIPRAP CLASS B3
142+39.00, 50' lt	61 sq yd	61 sq yd

END SECTION SCHEDULE EACH		
STATION	PRC FL- END SECTION - 12"	PRC FL- END SECTION - 24"
IL 57 - STA 142+25.00, 34' RT	1	
RADIO - STA 47+25.00, 42.1' RT		1
SIXTH - STA 9+00.00, CL		2
TOTALS	1	3

PIPE CULVERT SCHEDULE- FOOT		
LOCATION	PC, TY 2 CS/AL PC, TY 2 CS/AL CULVERT PIPE - 18"	PIPE CULVERT, TY 1, RCCP 24"
ALONG RADIO ROAD		
STA 41+54.44, 25.20' LT	48	
STA 42+60.00, 28.00' LT	68	
ALONG SIXTH STREET		
STA 9+00.00, CL		55
TOTALS	116	55

SEEDING SCHEDULE - ACRE		
LOCATION	SEEDING CLASS, 2A	
	LEFT	RIGHT
IL 57		
135+25.00 - 149+00.00	0.23	0.17
70+00.00 - 83+00.00	0.08	0.11
RADIO ROAD		
37+25.00 - 40+00.00	0.08	0.09
40+00.00 - 49+79.00	0.21	0.28
SIXTH STREET		
6+75.00 - 8+75.00	0.04	0.04
EIGHTH STREET		
0+50.00 - 1+00.00		0.01
SUBTOTAL	0.64	0.7
TOTAL	1.34	

TEMPORARY SEEDING SCHEDULE		
LOCATION	TEMPORARY SEEDING (ACRES)	
	LEFT	RIGHT
STAGE I - IL 57 NORTH LEG		0.13
STAGE II - IL 57 SOUTH LEG		0.19
STAGE II - IL 57 NORTH LEG	0.14	
STAGE II - IL 57 SOUTH LEG	0.1	
STAGE II - RADIO ROAD	0.03	
STAGE III- IL 57 NORTH LEG		0.17
STAGE III- RADIO ROAD	0.05	0.15
SUBTOTAL	0.32	0.64
TOTAL	0.96	

REVISIONS	
NAME	DATE
Rev. Sheet	4-19-05

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
FAP 502 (IL 57) & RADIO ROAD
SECTION (53RS-7, P(RS-2)) N, TS
ADAMS COUNTY
QUINCY, IL
SCALE: VERT. _____
HORIZ. _____
DATE 01-23-04
DRAWN BY TMJ
CHECKED BY MEB

DGN-SPEC
DATE-TIME
*REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	35	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EARTHWORK SCHEDULE			
	EARTH EXCAVATION - CU YD	EMBANKMENT - CU YD	WASTE - CU YD
IL 57			
STAGE ONE	2527	148	2349
STAGE TWO	3241	11	3228
STAGE THREE	1790	890	722
STAGE FOUR	0	6	0
STAGE FIVE	480	211	227
RADIO ROAD			
STAGE ONE	0	0	0
STAGE TWO	111	46	55
STAGE THREE	2025	484	1444
STAGE FOUR	442	109	311
STAGE FIVE	493	75	403
TOTAL	11109	1980	8739

NOTES: 1) Embankment quantity for information only
2) 20% Shrinkage Factor included

STORM SEWER SCHEDULE FOOT					
LOCATION	SS,CL.A, TY 1 - 12"	SS,CL.A, TY 2 - 12"	SS,CL.A, TY 2 - 18"	SS,CL.A, TY 2 - 24"	TRENCH BACKFILL (CY)
ALONG IL 57					
STA 142+31.00, 32.00' RT TO					
STA 142+75.00, 34.00' RT	45				6
ST 1 to ST 2	25				3
ST 5 to ST 4	41				10
ST 2 to ST 3		51			42
ST 3 to ST 4		203			161
ST 4 to ST 6			150		103
ST 6 to ST 7			159		65
ST 7 to ST 8			165		131
ST 10 to ST 9			21		7
ST 9 to ST 8			7		4
ALONG RADIO ROAD					
STA 45+75.00, 29.00' LT TO					
STA 46+75.00, 29' LT			77		53
STA 47+25.00, 42.10' RT TO					
STA 49+93.69, 37.77' RT				263	340
ALONG SIXTH STREET					
STA 9+00.00, CL					
TOTALS	111	254	579	263	925

STRIPING SCHEDULE									
LOCATION	POLYUREA PAVEMENT MARKING SPECIAL								
	LINE 5" - FT		LINE 6" - FT	LINE 8" - FT		LINE 12" - FT		LINE 24" - FT	LET & SYM - SQ FT
	WHITE	YELLOW	WHITE	WHITE	WHITE	YELLOW	WHITE	WHITE	
STA 138+00 to 143+00	1067	1142				18	24	15.6	
STA 143+00 to 148+50	1409	1102	88				1102	78	
STA 148+50 to 74+00	1584	637	15	39	10	27	161	119.6	
STA 74+00 to 79+50	1335	1102	70	147	34		24	108	
STA 79+50 to 81+27	354	354							
STA 42+50 to 45+50	703	760				63			
STA 45+50 to 50+00	1227	982		217	79	240	90	153.6	
SUBTOTAL	7679	6079			123	348			
TOTALS	13758		173	403	471		299	474.8	

REFLECTIVE PAVEMENT MARKER SCHEDULE - EACH			
LOCATION	TWO WAY AMBER	ONE WAY AMBER	ONE WAY CRYSTAL
JOBSITE	38	124	49
TOTALS		211	

* ELLIPTICAL STORM SEWER SCHEDULE				
LOCATION	PIPE CULVERTS, TY 1, RC, EQRS - 24" FOOT	PRC FLARED END SECTION, EQRS - 24" EACH	REINF CONC- PIPE ELBOW 4" EACH	END SECTIONS - 12" EACH
ALONG RADIO ROAD				
STA 40+71.10, 29.00' RT to STA 43+08.00, 28.6' RT	225	2		
STA 41+63.30, 23.90' RT			1	
STA 41+74.00, 29.00' RT				1
TOTALS	225	2	1	1

* this schedule is for tying into the county highway project at the most westerly section of the improvement

STORM SEWER JACKED IN PLACE SCHEDULE			
LOCATION	SS, JIP - 24"	SS, JIP - 18" FOOT	PIPE CULVERTS, TY 1, RC, E, EQRS - 18" FOOT
STA 44+45.47, 31' RT		96	96
STA 44+59.97, 34.43' LT		84	84
** ALONG RADIO ROAD			
24" storm sewer run from sta. 47+25.00, 42.10' RT to sta 49+93.69, 37.77' RT	60		
TOTALS	60	180	180

** storm sewer for this section included in storm sewer schedule

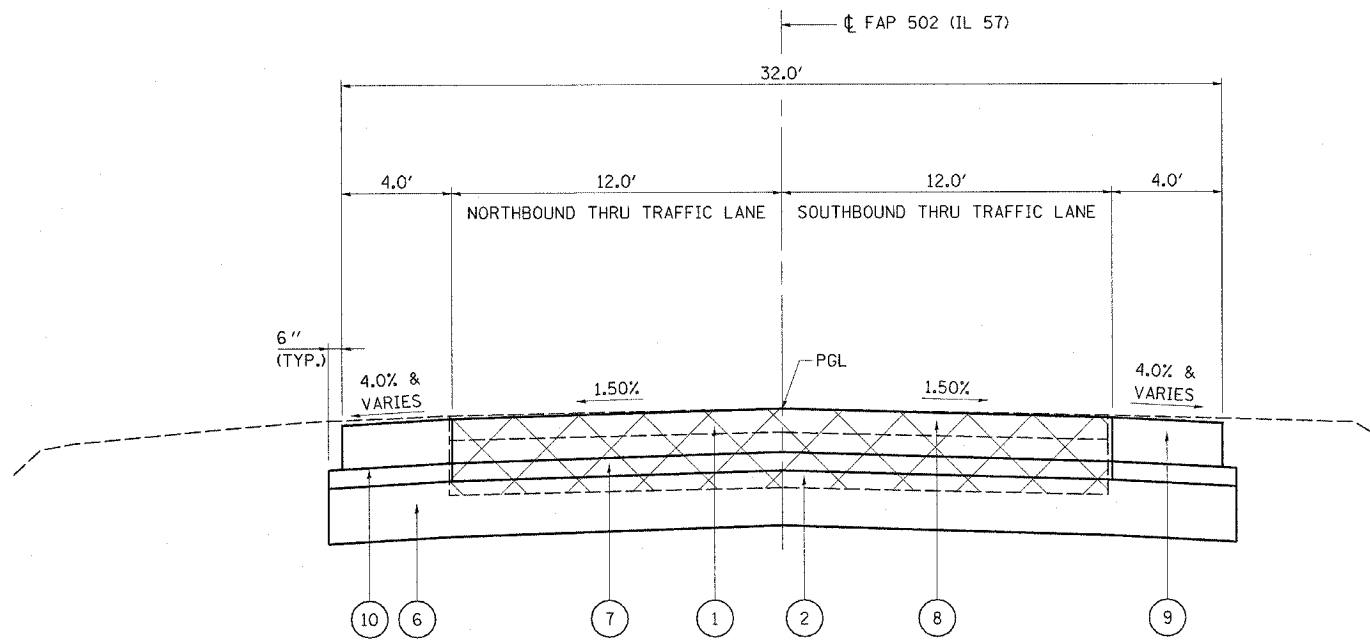
REVISIONS	
NAME	DATE
Rev. sheet	4-19-25

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
FAP 502 (IL 57) & RADIO ROAD
SECTION (53RS-7, P(RS-2)) N, TS
ADAMS COUNTY
QUINCY, IL

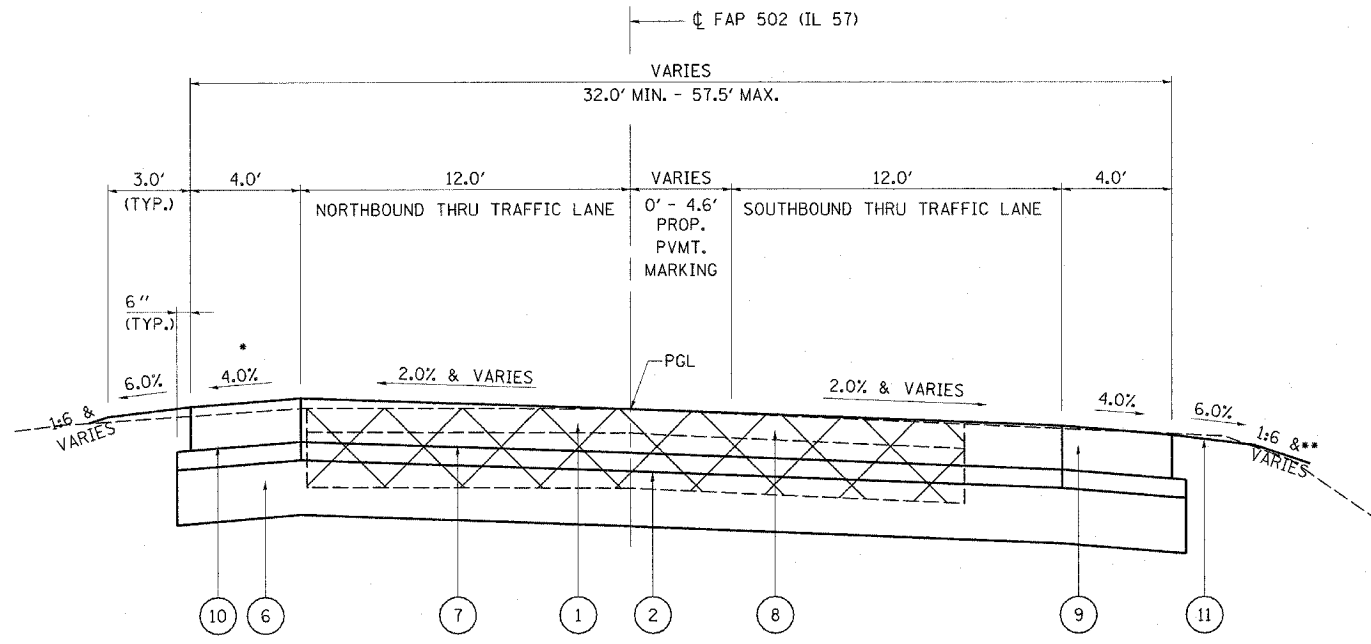
SCALE: VERT.
HORIZ.
DATE 01-23-04

DRAWN BY TMJ
CHECKED BY MEB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	3/5	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* [53RS-7, P(RS-2)N, TS CONTRACT NO. 72897				

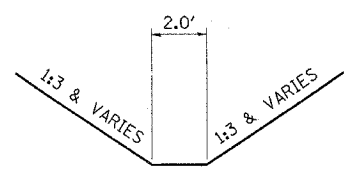


NORMAL CROWN
 STA. 138+23.00 - 138+59.32



SUPERELEVATED
 STA. 139+59.32 - 142+07.75
 SUPERELEVATION TRANSITION LENGTH = 150.0'
 STA. 138+59.32 - 140+09.32
 STA. 142+29.52 - 143+79.52
 FULL SUPER STA. 140+09.32 - 142+29.52

- STA. 140+45.24 - 142+24.13, LT. PCC SHOULDER OMISSION 8TH ST.
- SEE CROSS SECTIONS



DITCH PROFILE ELEVATION
PROPOSED DITCH
 STA. 141+90.00 - 142+34.24, RT.

- | | |
|---|--|
| ① EXISTING BITUMINOUS SURFACE COURSE (5.25") | ⑦ PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4") |
| ② EXISTING P.C.C. BASE COURSE (12") | ⑧ PROP. P.C.C. PAVEMENT (10") |
| ③ EXISTING BITUMINOUS SHOULDER (8") | ⑨ PROP. TIED P.C.C. SHOULDER (10") |
| ④ EXISTING TY A GUTTER | ⑩ PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4") |
| ⑤ EXISTING 9-6-9 PAVEMENT | ⑪ PROP. EARTH SHOULDER (3.0') UNLESS OTHERWISE INDICATED |
| ⑥ PROP. SUB-BASE GRANULAR MATERIAL TY B (12") | ⑫ PROP. TY A GUTTER |

LEGEND

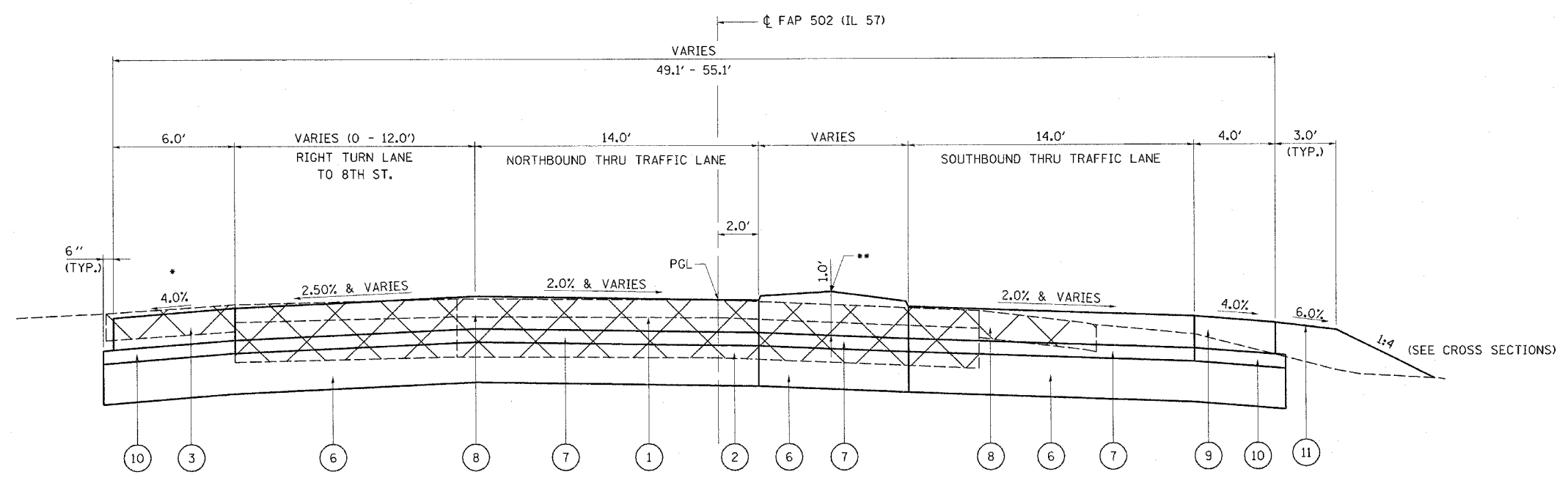


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. [53RS-7, P(RS-2)N, TS
 ADAMS COUNTY
 QUINCY, IL.
 SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY MEB
 DATE 06-03-04

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 2/2/2005
 *REF01

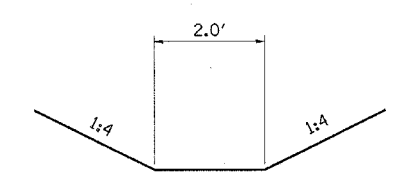
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	315	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (53RS-7, PIRS-2)IN, TS				
CONTRACT NO. 72897				



SUPERELEVATED

STA. 142+07.75 - 142+79.52
 SUPERELEVATION TRANSITION LENGTH = 150.0'
 STA. 138+59.32 - 140+09.32
 STA. 142+29.52 - 143+69.52 (140.0')
 FULL SUPER STA. 140+09.32 - 142+29.52

- STA. 140+45.24 - 142+24.13, LT.
 PCC SHOULDER OMISSION
 8TH ST.
 STA. 143+41.14, LT.
 END PCC SHOULDER
- STA. 142+27.86, 2.91' RT. - 144+01.96, 13.13' RT.
 PCC CORRUGATED MEDIAN
 STA. 143+77.11
 BEGIN PCC MEDIAN, TY M6.06



DITCH PROFILE ELEVATION

PROPOSED DITCH

STA. 144+25.00 - 144+75.00, RT.

- | | |
|---|--|
| ① EXISTING BITUMINOUS SURFACE COURSE (5.25") | ⑦ PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4") |
| ② EXISTING P.C.C. BASE COURSE (12") | ⑧ PROP. P.C.C. PAVEMENT (10") |
| ③ EXISTING BITUMINOUS SHOULDER (8") | ⑨ PROP. TIED P.C.C. SHOULDER (10") |
| ④ EXISTING TY A GUTTER | ⑩ PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4") |
| ⑤ EXISTING 9-6-9 PAVEMENT | ⑪ PROP. EARTH SHOULDER (3.0') UNLESS OTHERWISE INDICATED |
| ⑥ PROP. SUB-BASE GRANULAR MATERIAL TY B (12") | ⑫ PROP. TY A GUTTER |

LEGEND



REVISIONS	
NAME	DATE

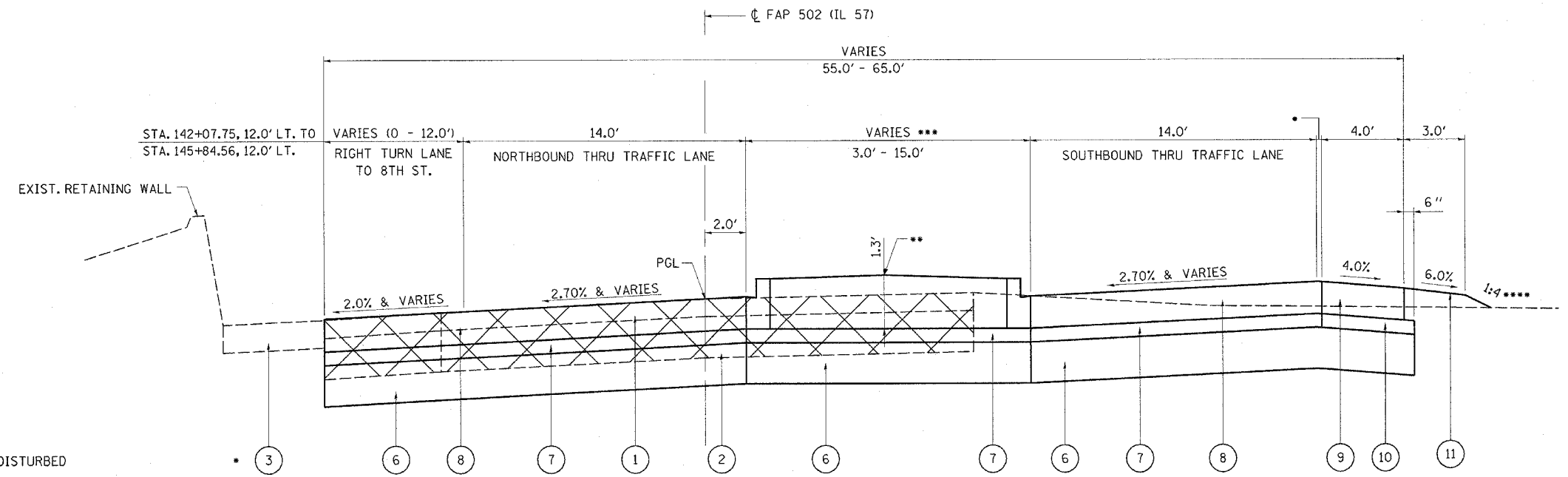
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)IN, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 06-03-04

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 2/2/2005
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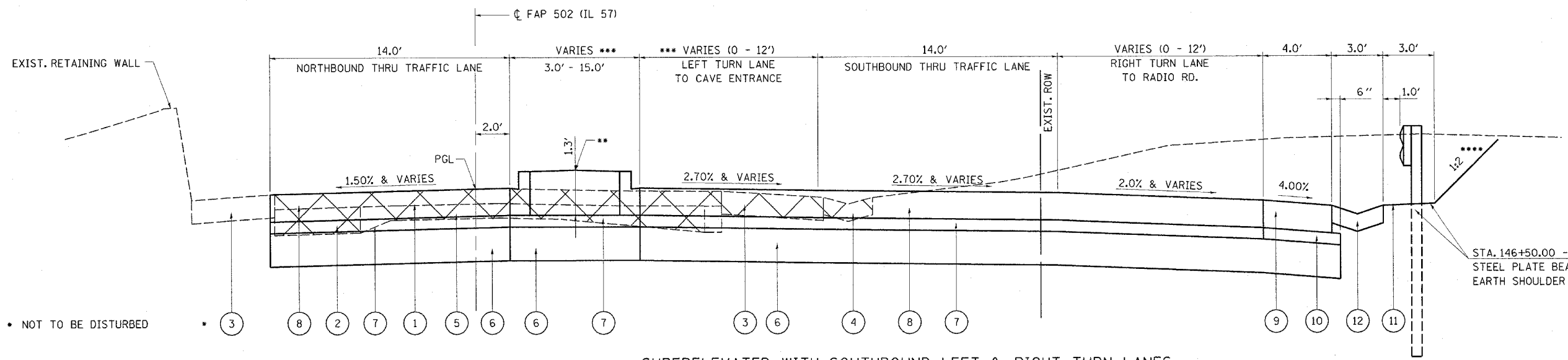
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	3/5	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (53RS-7, PIRS-2)JN, TS				
CONTRACT NO. T2897				



SUPERELEVATED

STA. 144+60.21 - 146+81.61
 SUPERELEVATION TRANSITION LENGTH = 150.0'
 STA. 143+69.52 - 145+10.21 (140.70')
 STA. 146+31.61 - 147+81.61
 FULL SUPER STA. 145+10.21 - 146+31.61

- * STA. 144+95.76, 29.81' RT. BEGIN SOUTHBOUND RIGHT TURN LANE (0 - 12.0')
- ** STA. 142+27.86, 2.91' RT. - 144+01.96, 13.13' RT. PCC CORRUGATED MEDIAN STA. 143+77.11 BEGIN PCC MEDIAN, TY M6.06
- *** STA. 146+97.73, 14.98' RT. BEGIN SOUTHBOUND LEFT TURN LANE TO CAVE ENTRANCE (0 - 12.0')
- **** SEE CROSS SECTIONS



SUPERELEVATED WITH SOUTHBOUND LEFT & RIGHT TURN LANES

STA. 144+60.21 - 146+81.61
 SUPERELEVATION TRANSITION LENGTH = 150.0'
 STA. 143+69.52 - 145+10.21 (140.70')
 STA. 146+31.61 - 147+81.61
 FULL SUPER STA. 145+10.21 - 146+31.61

LEGEND

EXIST. PAVEMENT REMOVAL

- | | | | |
|--|--|--|---|
| 1 EXISTING BITUMINOUS SURFACE COURSE (5.25") | 5 EXISTING 9-6-9 PAVEMENT | 9 PROP. TIED P.C.C. SHOULDER (10") | 11 PROP. EARTH SHOULDER (3.0') UNLESS OTHERWISE INDICATED |
| 2 EXISTING P.C.C. BASE COURSE (12") | 6 PROP. SUB-BASE GRANULAR MATERIAL TY B (12") | 10 PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4") | 12 PROP. TY A GUTTER |
| 3 EXISTING CONCRETE SHOULDER (8") | 7 PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4") | | |
| 4 EXISTING TY A GUTTER | 8 PROP. P.C.C. PAVEMENT (10") | | |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 06-03-04

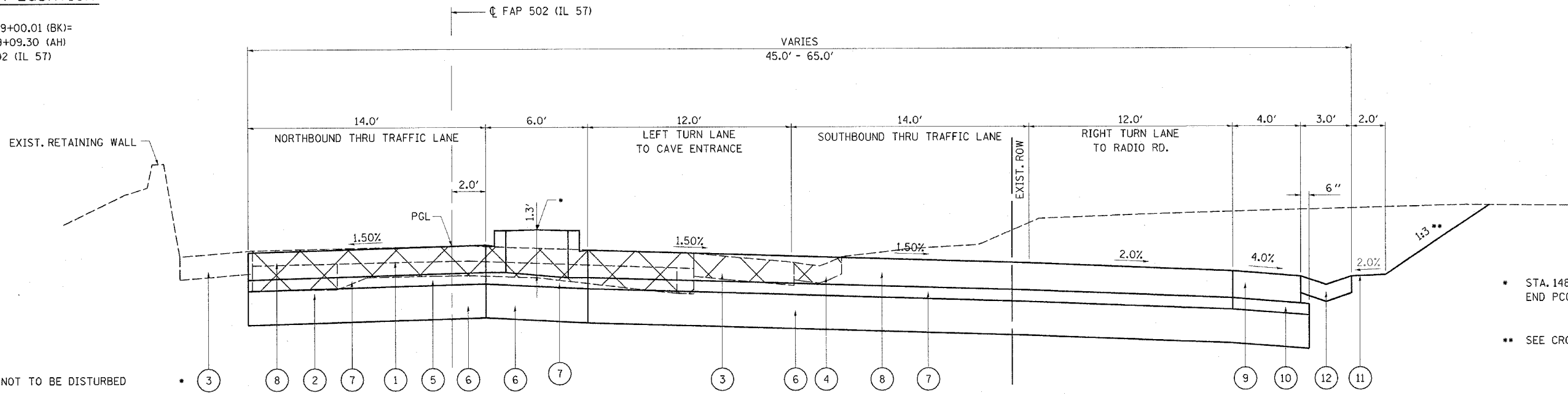
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STATION EQUATION

STA. 149+00.01 (BK)=
 STA. 69+09.30 (AH)
 FAP 502 (IL 57)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	315	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (53RS-7, P(RS-2)IN, TS				
CONTRACT NO. 72897				

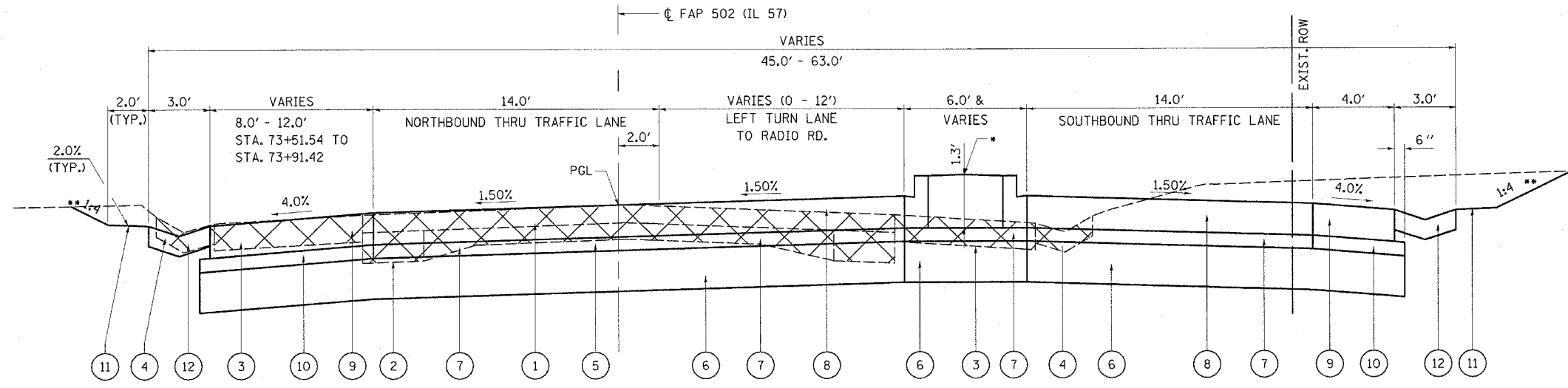


• NOT TO BE DISTURBED

- STA. 148+90.39, 5.50' RT. END PCC MEDIAN, TY M6.06
- SEE CROSS SECTIONS

NORMAL CROWN

STA. 147+81.61 - 70+37.50
 STATION EQUATION:
 STA. 70+37.50 [FAP 502 (IL 57)]=
 STA. 50+50.19 PROP. RADIO RD.



•• SEE CROSS SECTIONS

•• SEE CROSS SECTIONS

NORMAL CROWN

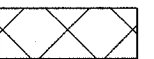
STA. 70+37.50 - 74+93.80
 STATION EQUATION:
 STA. 70+37.50 [FAP 502 (IL 57)]=
 STA. 50+50.19 PROP. RADIO RD.

- STA. 71+75.26, 16.50' RT. BEGIN PCC MEDIAN, TY M6.06

- | | | |
|--|--|--|
| ① EXISTING BITUMINOUS SURFACE COURSE (5.25") | ⑤ EXISTING 9-6-9 PAVEMENT | ⑨ PROP. TIED P.C.C. SHOULDER (10") |
| ② EXISTING P.C.C. BASE COURSE (12") | ⑥ PROP. SUB-BASE GRANULAR MATERIAL TY B (12") | ⑩ PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4") |
| ③ EXISTING CONCRETE SHOULDER (8") | ⑦ PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4") | ⑪ PROP. EARTH SHOULDER (2.0') UNLESS OTHERWISE INDICATED |
| ④ EXISTING TY A GUTTER | ⑧ PROP. P.C.C. PAVEMENT (10") | ⑫ PROP. TY A GUTTER |

LEGEND

EXIST. PAVEMENT REMOVAL



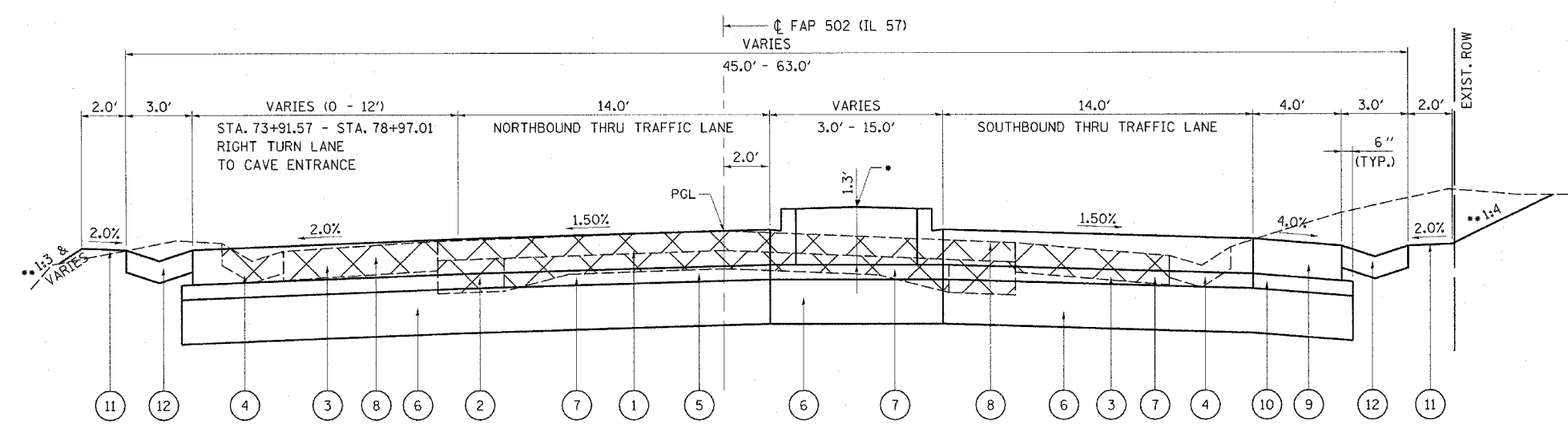
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, P(RS-2)IN, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY MEB
 DATE 06-03-04

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 *REF01

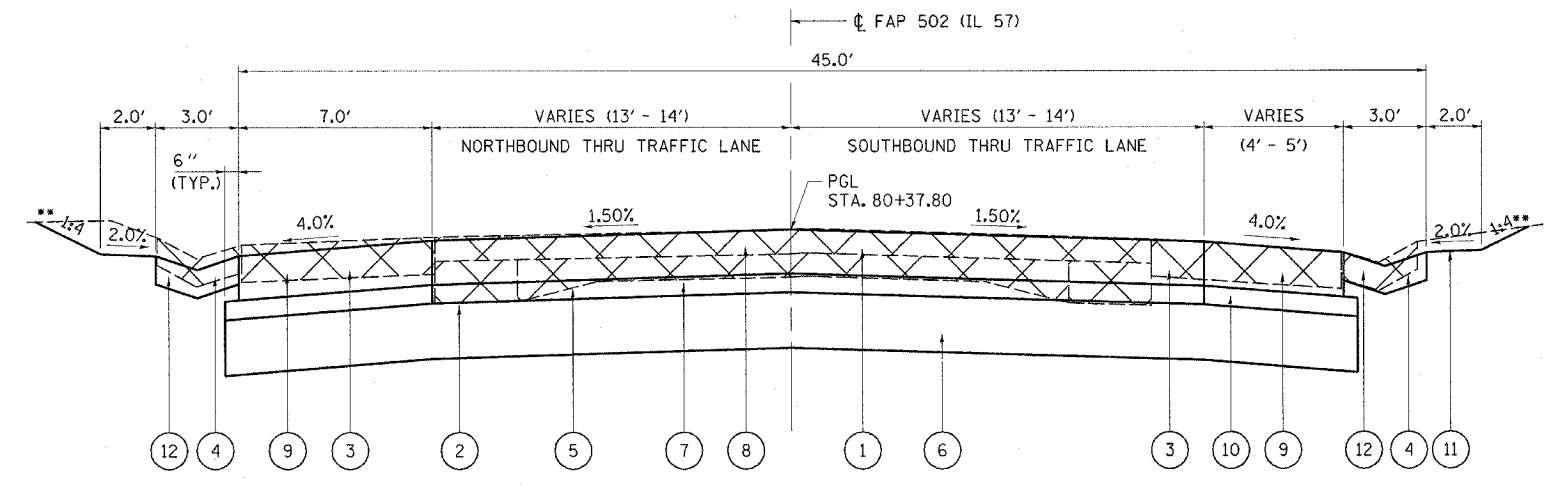
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	315	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* [53RS-7, P(RS-2)]N, TS				
CONTRACT NO. 72897				



NORMAL CROWN
 STA. 74+93.80 - 78+97.01

- STA. 77+38.58, 5.52' RT. END PCC MEDIAN, TY M6.06
- STA. 77+17.91 - 78+78.45 PCC CORRUGATED MEDIAN
- STA. 78+78.45 - 80+37.80 PAINT PAVEMENT MARKING

** SEE CROSS SECTIONS



NORMAL CROWN
 STA. 78+97.01 - 81+26.76

- | | |
|---|--|
| ① EXISTING BITUMINOUS SURFACE COURSE (5.25") | ⑦ PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4") |
| ② EXISTING P.C.C. BASE COURSE (12") | ⑧ PROP. P.C.C. PAVEMENT (10") |
| ③ EXISTING BITUMINOUS SHOULDER (8") | ⑨ PROP. TIED P.C.C. SHOULDER (10") |
| ④ EXISTING TY A GUTTER | ⑩ PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4") |
| ⑤ EXISTING 9-6-9 PAVEMENT | ⑪ PROP. EARTH SHOULDER (2.0') UNLESS OTHERWISE INDICATED |
| ⑥ PROP. SUB-BASE GRANULAR MATERIAL TY B (12") | ⑫ PROP. TY A GUTTER |

LEGEND



REVISIONS	
NAME	DATE

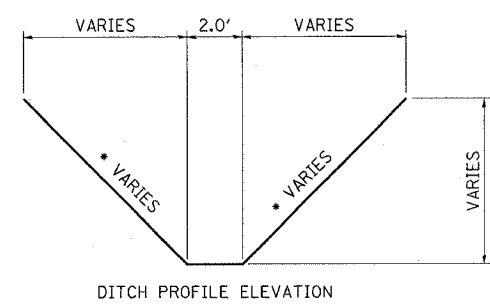
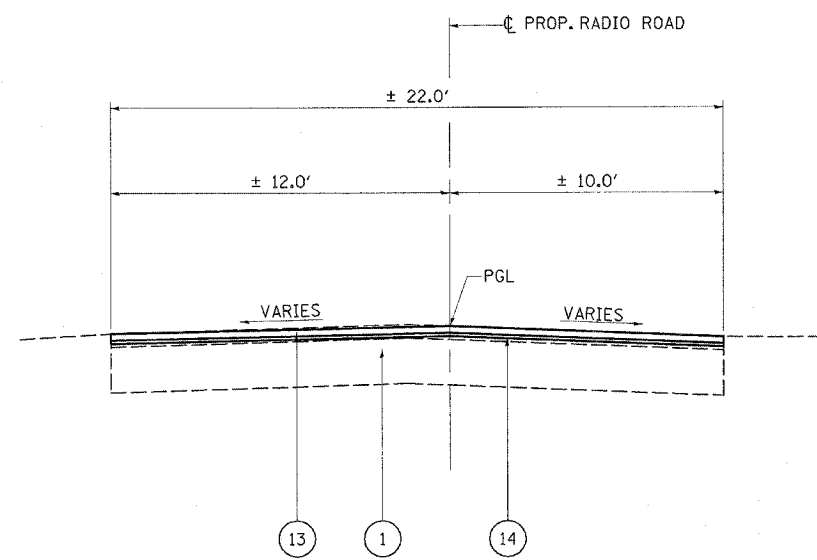
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. [53RS-7, P(RS-2)]N, TS
 ADAMS COUNTY
 QUINCY, IL.

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 *REF 01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• [53RS-7, P[RS-2]N, TS				
CONTRACT NO. 72897				

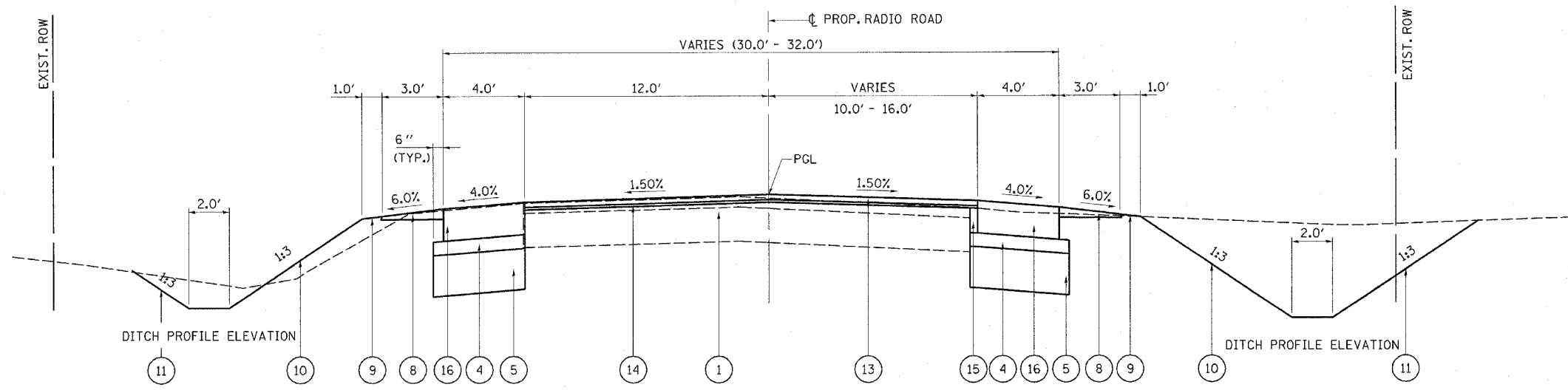


PROPOSED DITCH DETAIL

• SEE CROSS SECTIONS

NORMAL CROWN

STA. 42+00.00 - 42+87.00

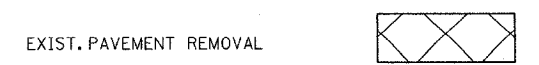


NORMAL CROWN

STA. 42+87.00 - 44+45.44
 BEGIN BITUMINOUS WIDENING
 STA. 43+00.00, RT.
 STA. 43+50.00, LT.
 END BITUMINOUS WIDENING
 ± STA. 44+45.44

- 1 EXISTING PAVEMENT (12")
- 2 PROP. P.C.C. PAVEMENT (10")
- 3 PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4")
- 4 PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4")
- 5 PROP. SUB-BASE GRANULAR MATERIAL TY B (12")
- 6 PROP. TIED P.C.C. SHOULDER (10")
- 7 PROP. TY A GUTTER
- 8 PROP. AGGREGATE SHOULDER WEDGE (3.0') (3" MAX. TO 1" MIN.)
- 9 PROP. EARTH SHOULDER (1.0')
- 10 PROP. EARTH FORESLOPE
- 11 PROP. EARTH BACKSLOPE
- 12 PROP. PCC COMBINATION CURB & GUTTER TY B-6.24
- 13 PROP. BITUMINOUS CONCRETE SURFACE COURSE (1.5")
- 14 PROP. BITUMINOUS CONCRETE BINDER COURSE (0.75")
- 15 PROP. BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL 19, N70 (DEPTH VARIES)
- 16 PROP. BITUMINOUS CONCRETE SHOULDER (10")

LEGEND



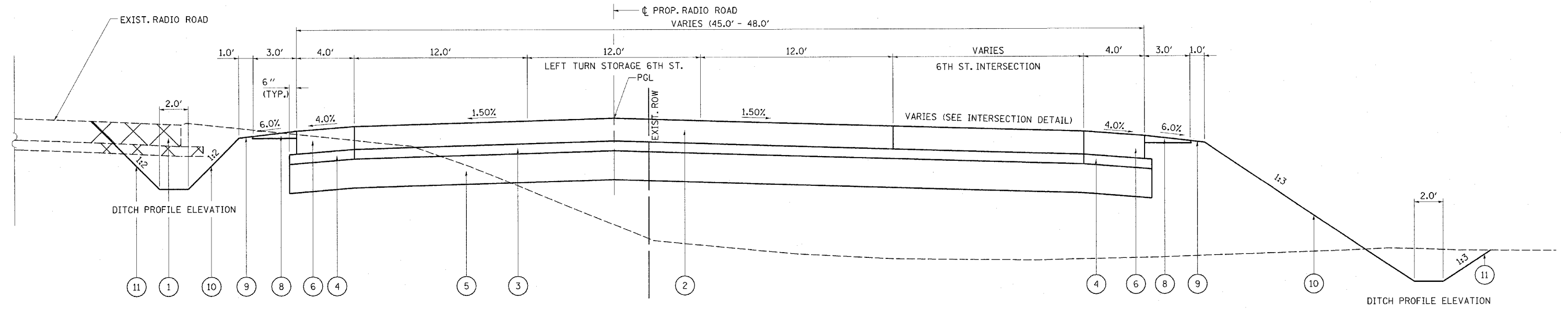
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. [53RS-7, P[RS-2]N, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 06-08-04

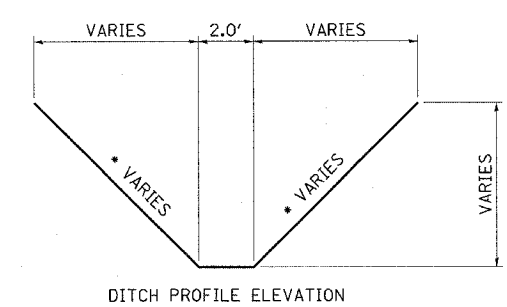
DRAWN BY TMJ
 CHECKED BY MEB

c:\projects\d653004\typicals.dgn
 2/2/2005
 *REF01



NORMAL CROWN

STA. 44+45.44 - 48+50.00
 STA. 44+25.00 - 44+75.00
 PROP. RAILROAD CROSSING OMISSION
 (TO BE BUILT BY OTHERS)
 STA. 47+75.00 - 48+50.00
 PROP. RAILROAD CROSSING OMISSION
 (TO BE BUILT BY OTHERS)



PROPOSED DITCH DETAIL

• SEE CROSS SECTIONS

- | | |
|--|--|
| ① EXISTING PAVEMENT (12") | ⑩ PROP. EARTH FORESLOPE |
| ② PROP. P.C.C. PAVEMENT (10") | ⑪ PROP. EARTH BACKSLOPE |
| ③ PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4") | ⑫ PROP. PCC COMBINATION CURB & GUTTER TY B-6.24 |
| ④ PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4") | ⑬ PROP. BITUMINOUS CONCRETE SURFACE COURSE (1.5") |
| ⑤ PROP. SUB-BASE GRANULAR MATERIAL TY B (12") | ⑭ PROP. BITUMINOUS CONCRETE BINDER COURSE (0.75") |
| ⑥ PROP. TIED P.C.C. SHOULDER (10") | ⑮ PROP. BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL 19, N70 (DEPTH VARIES) |
| ⑦ PROP. TY A GUTTER | ⑯ PROP. BITUMINOUS CONCRETE SHOULDER (10") |
| ⑧ PROP. AGGREGATE SHOULDER WEDGE (3.0') (3" MAX. TO 1" MIN.) | |
| ⑨ PROP. EARTH SHOULDER (1.0') | |

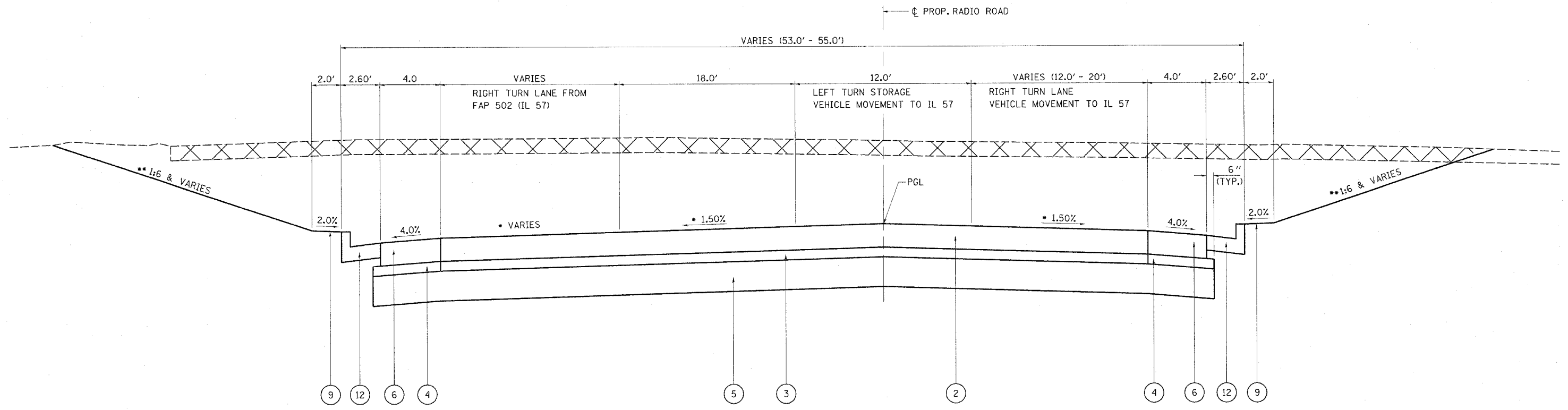
LEGEND



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.
 SCALE: VERT. _____
 HORIZ. _____
 DATE 06-08-04
 DRAWN BY TMJ
 CHECKED BY MEB

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 2/2/2005
 *REF01



NORMAL CROWN

STA. 48+50.00 - 50+12.10

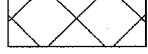
SEE INTERSECTION DETAIL TO MATCH PAVEMENT OF PROP. FAP 502 (IL 57)

• PAVEMENT SLOPE VARIES PER INTERSECTION DESIGN SEE INTERSECTION DETAIL SHEET

•• SEE CROSS SECTIONS

- | | |
|--|--|
| ① EXISTING PAVEMENT (12") | ⑩ PROP. EARTH FORESLOPE |
| ② PROP. P.C.C. PAVEMENT (10") | ⑪ PROP. EARTH BACKSLOPE |
| ③ PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4") | ⑫ PROP. PCC COMBINATION CURB & GUTTER TY B-6.24 |
| ④ PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4") | ⑬ PROP. BITUMINOUS CONCRETE SURFACE COURSE (1.5") |
| ⑤ PROP. SUB-BASE GRANULAR MATERIAL TY B (12") | ⑭ PROP. BITUMINOUS CONCRETE BINDER COURSE (0.75") |
| ⑥ PROP. TIED P.C.C. SHOULDER (10") | ⑮ PROP. BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL 19, N70 (DEPTH VARIES) |
| ⑦ PROP. TY A GUTTER | ⑯ PROP. BITUMINOUS CONCRETE SHOULDER (10") |
| ⑧ PROP. AGGREGATE SHOULDER WEDGE (3.0') (3" MAX. TO 1" MIN.) | |
| ⑨ PROP. EARTH SHOULDER (1.0') | |

LEGEND

EXIST. PAVEMENT REMOVAL 

REVISIONS	
NAME	DATE

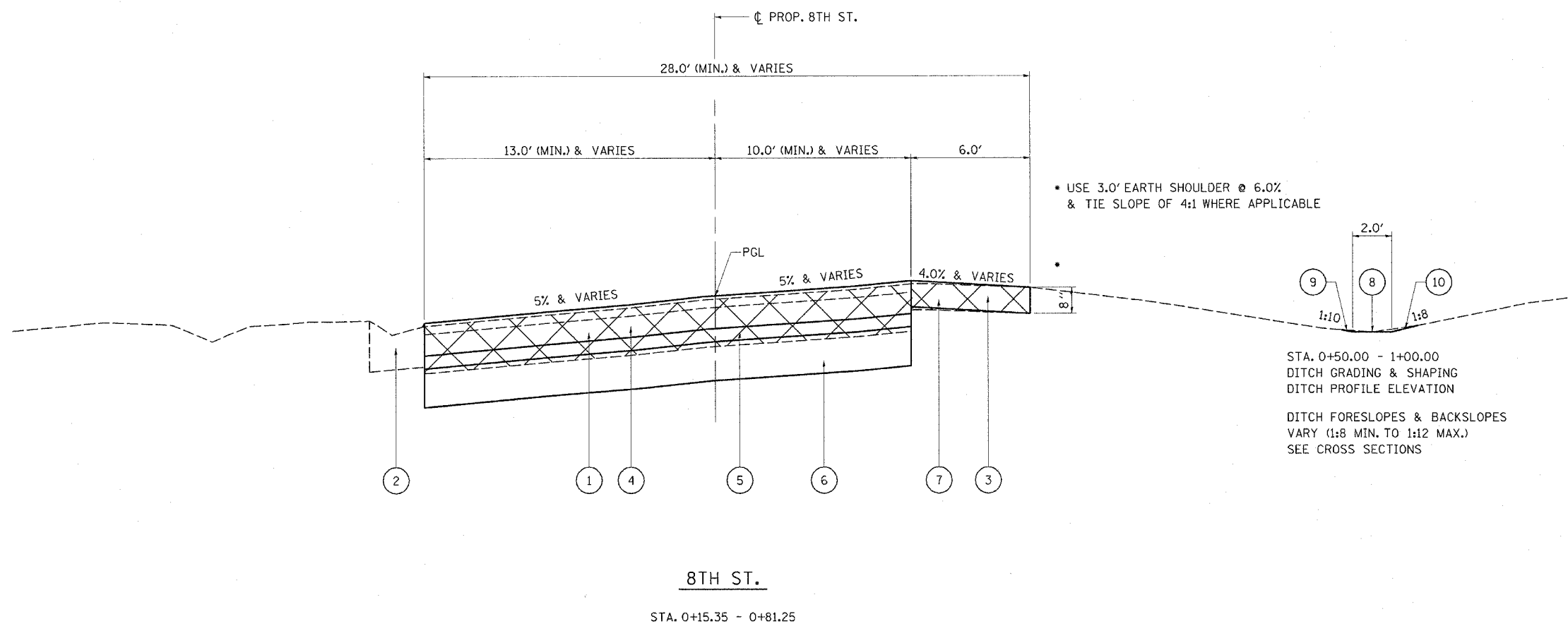
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. E53RS-7, P(RS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 06-08-04

DRAWN BY TMJ
 CHECKED BY MEB

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 2/27/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
[53RS-7, PIRS-2]N, TS CONTRACT NO. 72897				



• USE 3.0' EARTH SHOULDER @ 6.0%
& TIE SLOPE OF 4:1 WHERE APPLICABLE

- | | |
|---|---|
| ① EXISTING PAVEMENT | ⑥ PROP. SUB-BASE GRANULAR MATERIAL TY B (12") |
| ② EXISTING CURB & GUTTER (TO REMAIN IN PLACE) | ⑦ PROP. BITUMINOUS SHOULDER (8") |
| ③ EXISTING BITUMINOUS SHOULDER (8") (TO BE REMOVED) | ⑧ PROP. DITCH GRADING & SHAPING |
| ④ PROP. P.C.C. PAVEMENT (10") | ⑨ PROP. EARTH FORESLOPE |
| ⑤ PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4") | ⑩ PROP. EARTH BACKSLOPE |

LEGEND



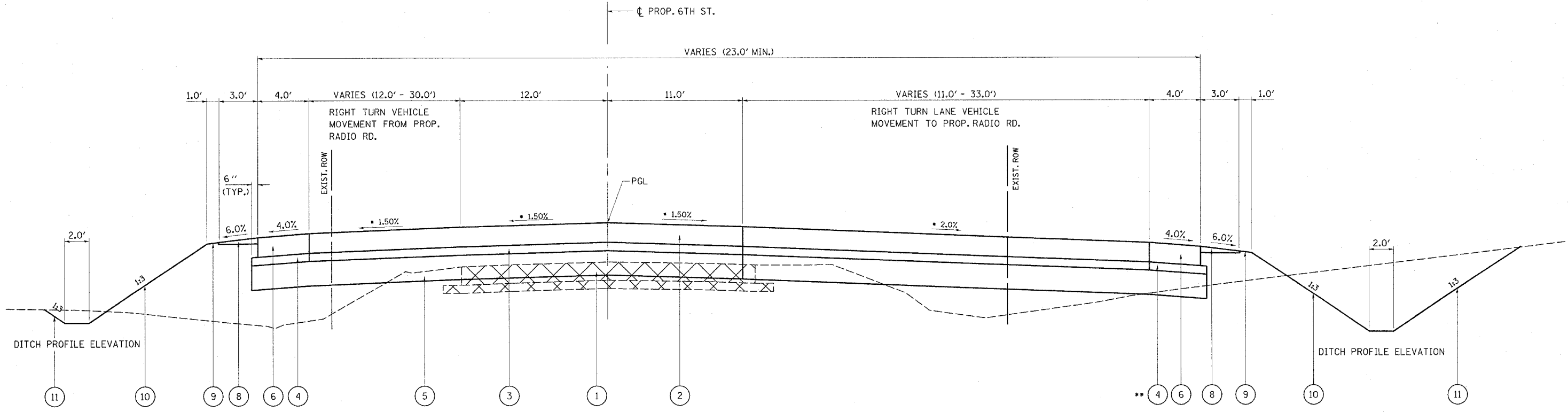
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. [53RS-7, PIRS-2]N, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY MEB
 DATE 06-08-04

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 2/2/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	315	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (53RS-7, PIRS-2)JN, TS				
CONTRACT NO. 72897				



NORMAL CROWN

STA. 8+27.56 - 9+79.10

SEE INTERSECTION DETAIL TO MATCH PAVEMENT OF PROP. RADIO RD.

* PAVEMENT SLOPE VARIES PER INTERSECTION DESIGN SEE INTERSECTION DETAIL SHEET

** STA. 8+87.86, RT. BEGIN TIED PCC SHOULDER

- | | |
|--|--|
| ① EXISTING PAVEMENT | ⑦ PROP. TY A GUTTER |
| ② PROP. P.C.C. PAVEMENT (10") | ⑧ PROP. AGGREGATE SHOULDER WEDGE (3.0') (3" MAX. TO 1" MIN.) |
| ③ PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4") | ⑨ PROP. EARTH SHOULDER (1.0') |
| ④ PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4") | ⑩ PROP. EARTH FORESLOPE |
| ⑤ PROP. SUB-BASE GRANULAR MATERIAL TY B (12") | ⑪ PROP. EARTH BACKSLOPE |
| ⑥ PROP. TIED P.C.C. SHOULDER (10") | ⑫ PROP. PCC COMBINATION CURB & GUTTER TY B-6.24 |

LEGEND



REVISIONS	
NAME	DATE

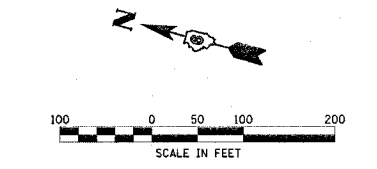
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.
 SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY MEB
 DATE 06-08-04

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 2/2/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	18

STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

• (53RS-7, P(RS-2)N, TS
CONTRACT NO. 72897



EXIST. CURVE 71
PI STA. = 2+08.40
 $\Delta = 29^\circ 28' 42''$ (LT)
D = 11° 23' 25"
R = 503.02'
T = 132.33'
L = 258.80'
E = 17.12'
P.C. STA. = 0+76.07
P.T. STA. = 3+34.87

EXIST. CURVE 52
PI STA. = 145+70.94
 $\Delta = 2^\circ 57' 03''$ (LT)
D = 1° 19' 58"
R = 4,298.93'
T = 110.72'
L = 221.40'
E = 1.43'
P.C. STA. = 144+60.21
P.T. STA. = 146+81.61
S.E. = 2.7%
TRANSITION = 150'
STA. 143+60.21 - 145+10.21
STA. 146+31.61 - 147+81.61

EXIST. CURVE 56
PI STA. = 73+55.99
 $\Delta = 1^\circ 16' 08''$ (LT)
D = 0° 09' 31"
R = 36,121.14'
T = 400.00'
L = 799.97'
E = 2.21'
P.C. STA. = 69+55.99
P.T. STA. = 77+55.96

EXIST. CURVE 51
PI STA. = 141+19.50
 $\Delta = 4^\circ 27' 33''$ (RT)
D = 1° 23' 33"
R = 4,114.29'
T = 160.18'
L = 320.20'
E = 3.12'
P.C. STA. = 139+59.32
P.T. STA. = 142+79.52
S.E. = 2.0%
TRANSITION = 150'
STA. 138+59.32 - 140+09.32
STA. 142+29.52 - 143+60.21

EXIST. STA. EQUATION:
STA. 148+96.96 (IL 57) =
STA. 50+00.00 (EXIST. RADIO RD.)

EXIST. STA. EQUATION:
STA. 46+21.23 (EXIST. RADIO RD.) =
STA. 10+00.00 (6TH ST.)

PR. STA. EQUATION:
STA. 70+37.50 (IL 57) =
STA. 50+50.19 (RADIO RD.)

PROP. CURVE C1
PI STA. = 45+39.55
 $\Delta = 14^\circ 18' 15''$ (RT)
D = 7° 38' 22"
R = 750.00'
T = 94.11'
L = 187.24'
E = 5.88'
P.C. STA. = 44+45.44
P.T. STA. = 46+32.68

PR. STA. EQUATION:
STA. 46+22.88 (PROP. RADIO RD.) =
STA. 9+79.10 (6TH ST.)

PR. STA. EQUATION:
STA. 40+00.00 (EXIST. RADIO RD.) =
STA. 40+00.00 (PROP. RADIO RD.)

STA. 138+23.05 BEGIN
SEC. (53RS-7, P(RS-2)N, TS
PROP. IMPROVEMENTS

STA. 81+26.76 END
SEC. (53RS-7, P(RS-2)N, TS
PROP. IMPROVEMENTS

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 2/3/2005
 #REF:01

REVISIONS	
NAME	DATE

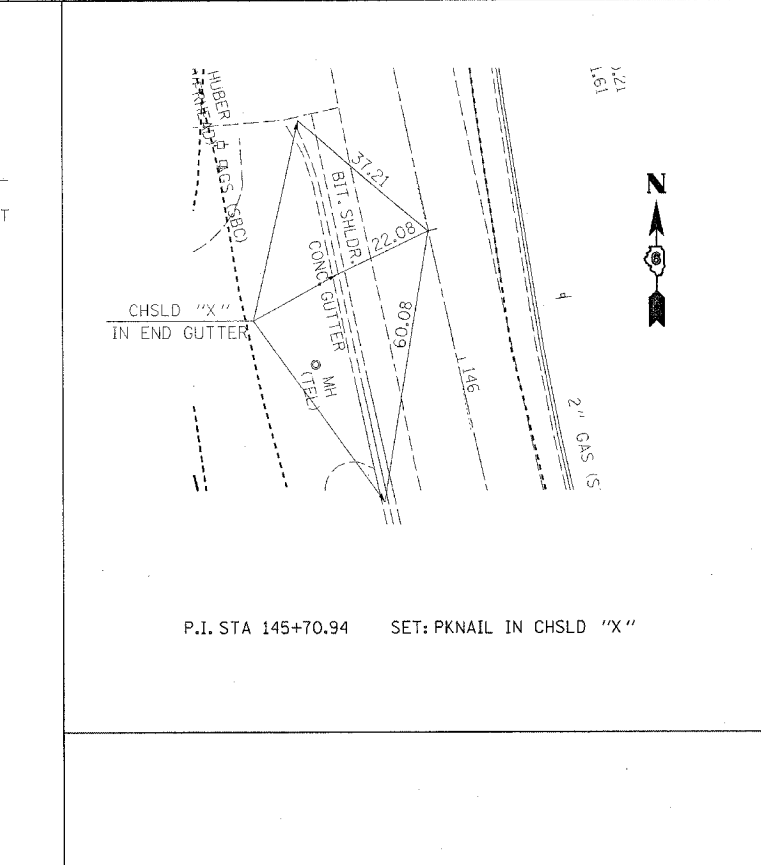
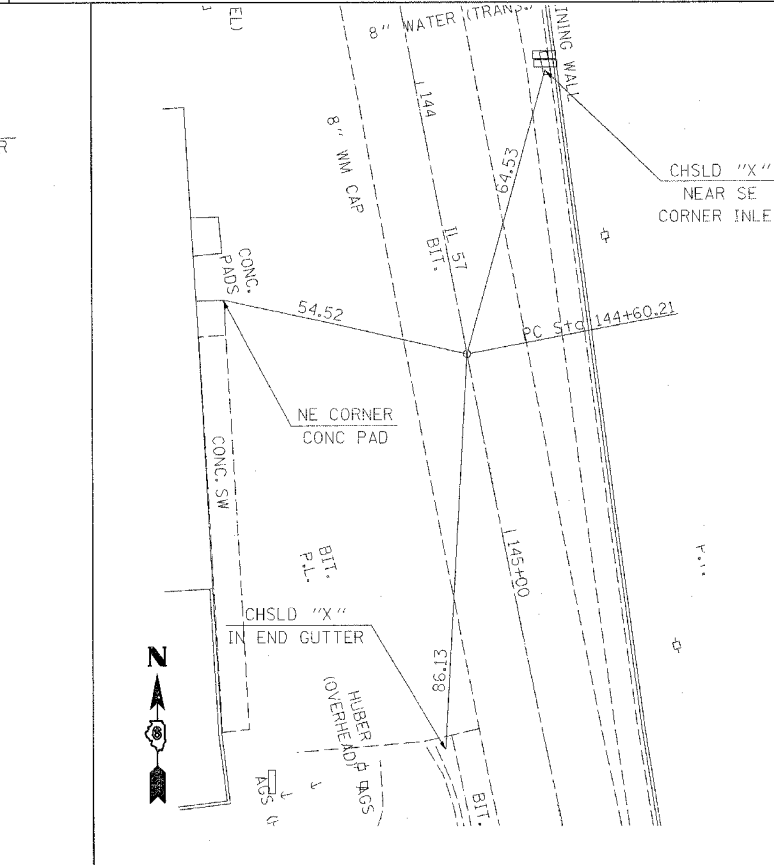
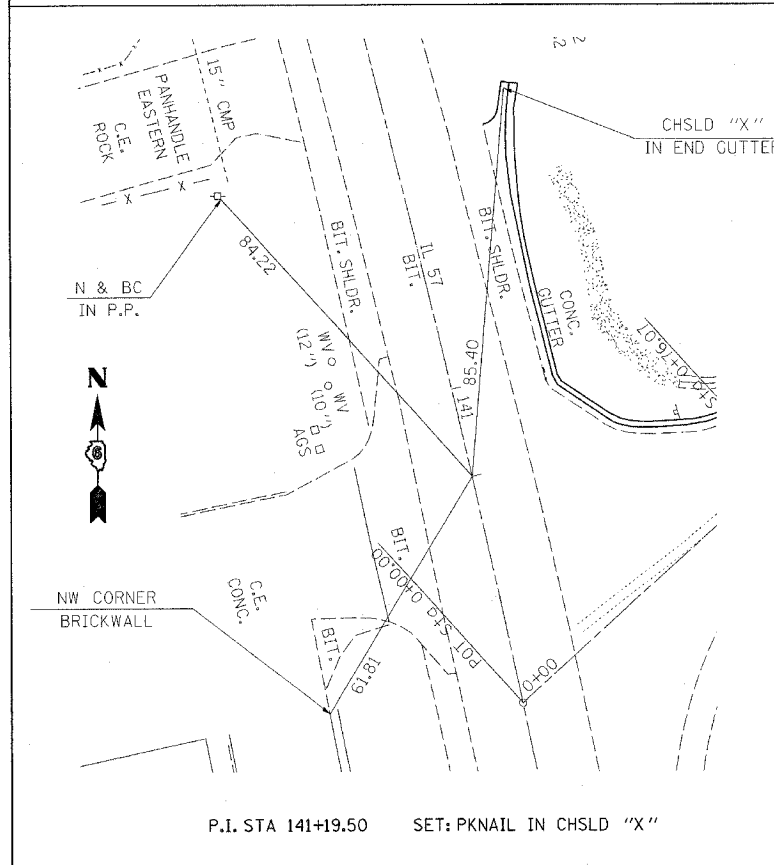
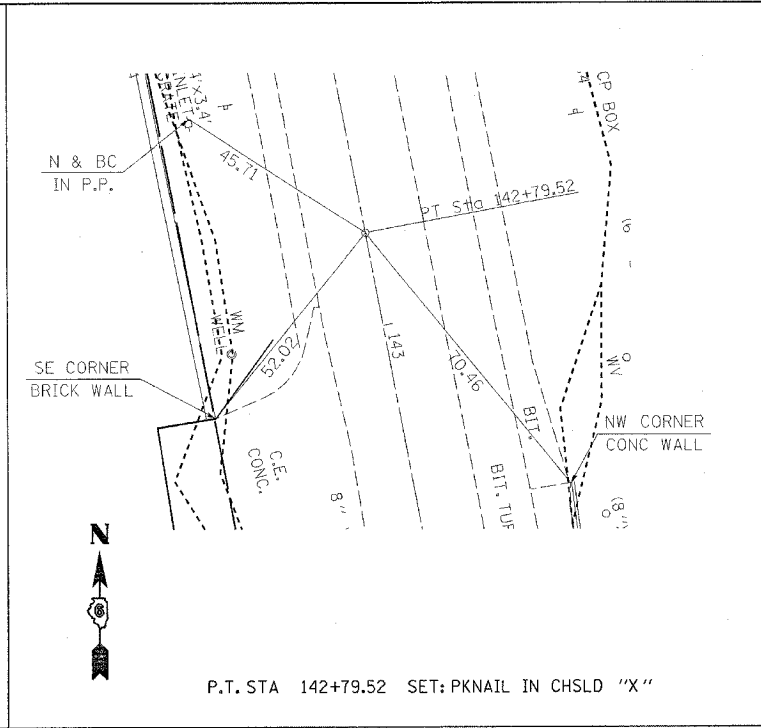
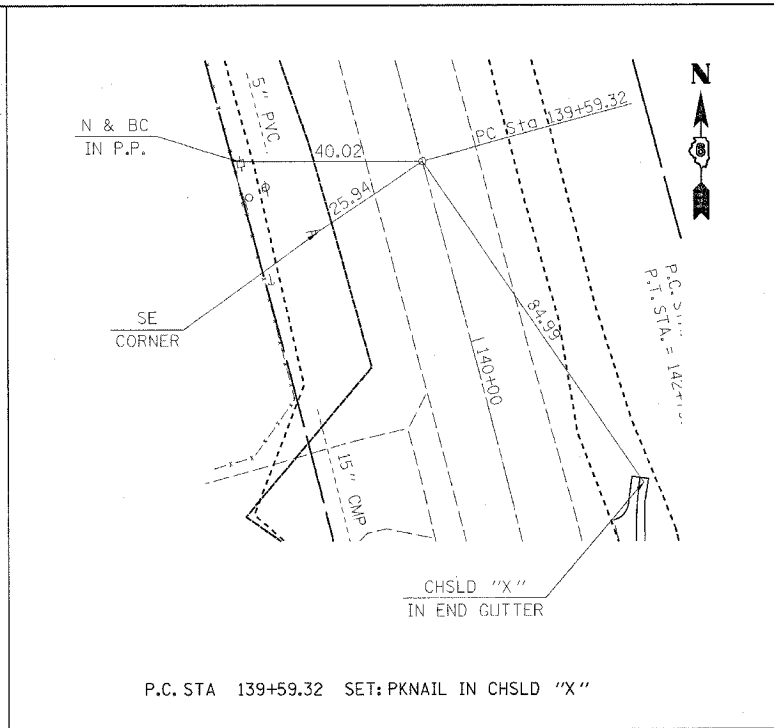
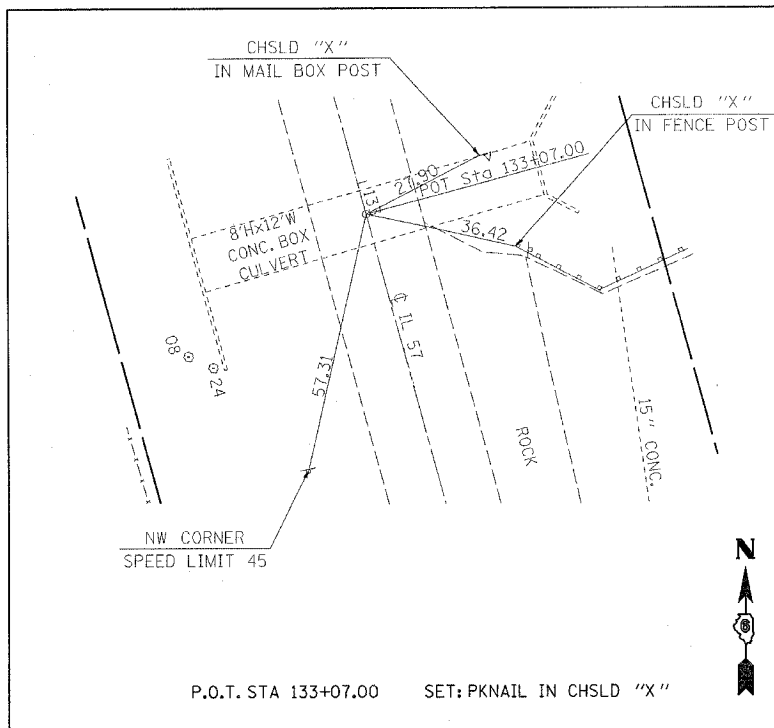
ILLINOIS DEPARTMENT OF TRANSPORTATION
ALIGNMENT SCHEMATIC
F.A.P. 502 (IL 57) & RADIO RD.
ADAMS COUNTY
QUINCY, IL.

SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY MEB
DATE 04-12-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	.	ADAMS	31	19

STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

• [53RS-7, P(RS-2)N, TS
CONTRACT NO. 72897

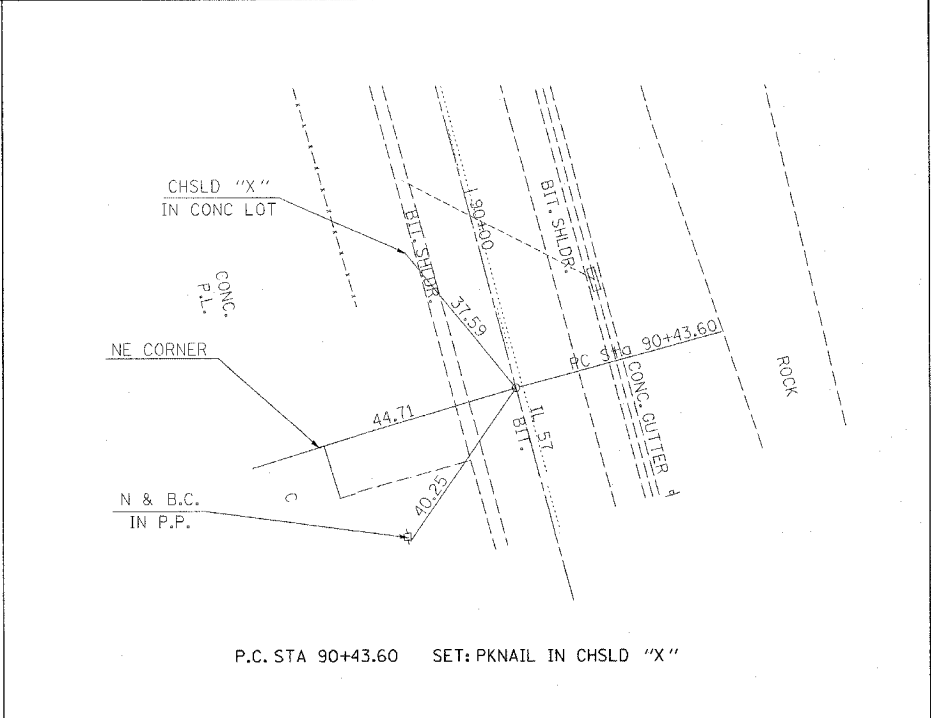
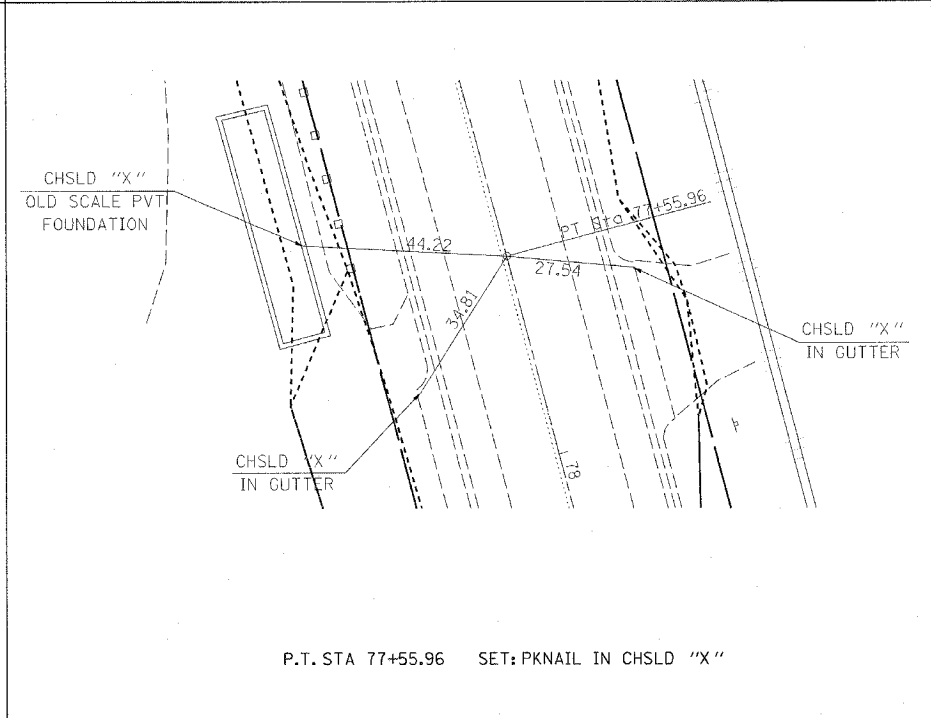
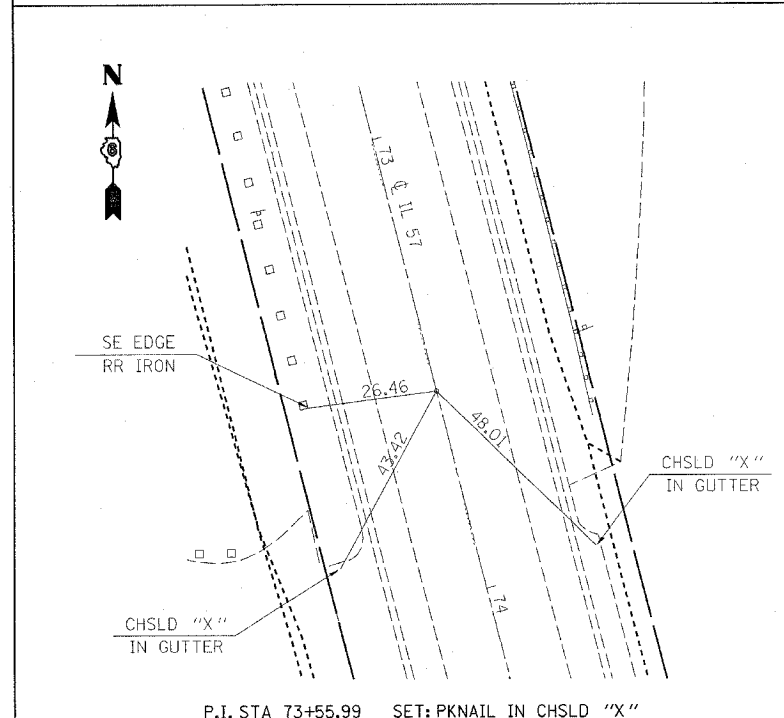
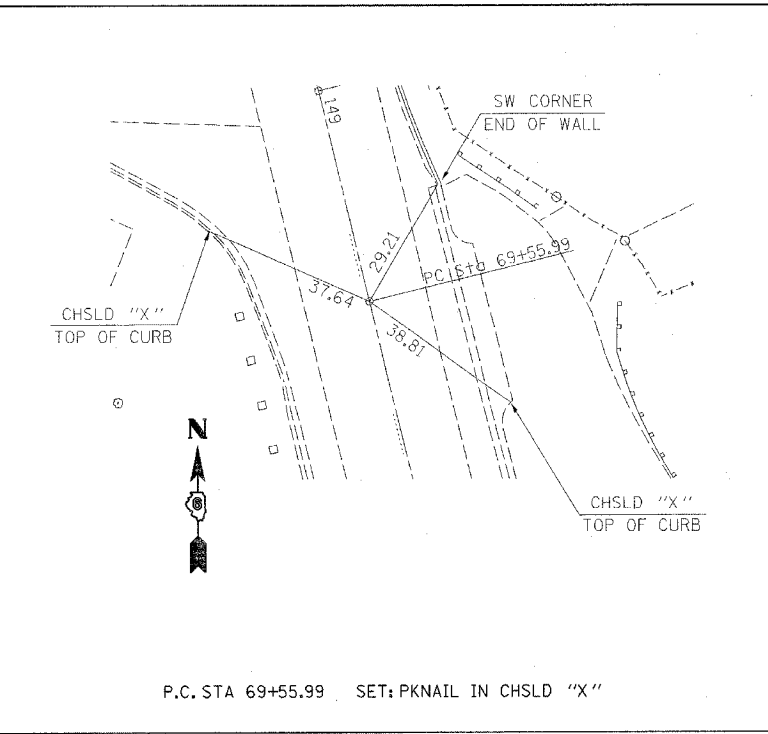
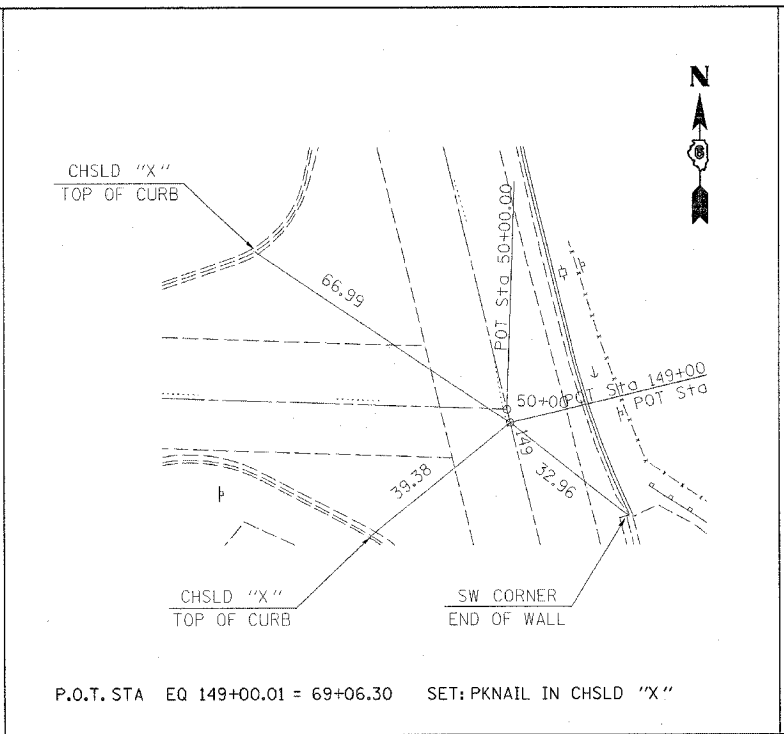
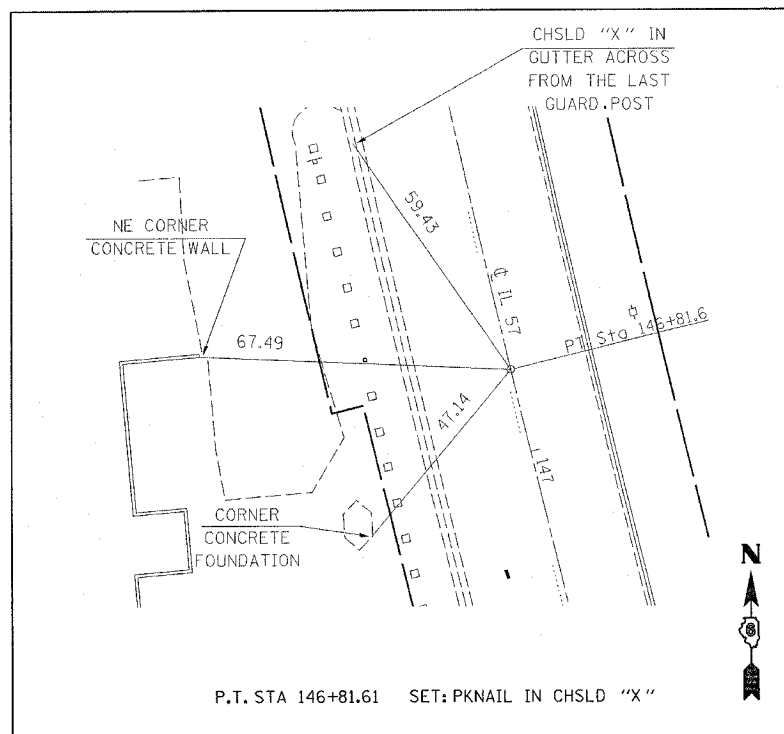


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CROSS TIES
FAP 502 (IL 57) & RADIO ROAD
SEC. [53RS-7, P(RS-2)N, TS
ADAMS COUNTY
QUINCY, IL.
SCALE: VERT. HORIZ.
DATE 06-03-04
DRAWN BY TMJ
CHECKED BY MEB

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2/2/2005
#REF:01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	315	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (53RS-7, PIRS-2)JN, TS				
CONTRACT NO. 72897				



REVISIONS	
NAME	DATE

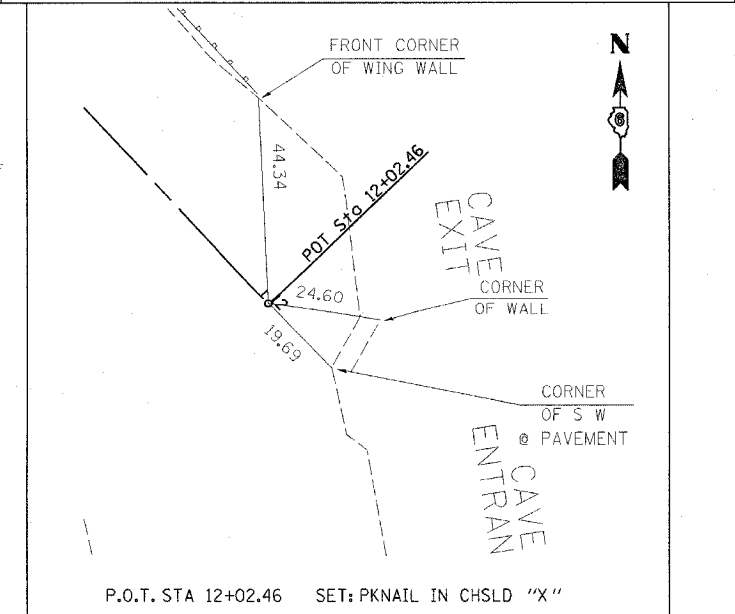
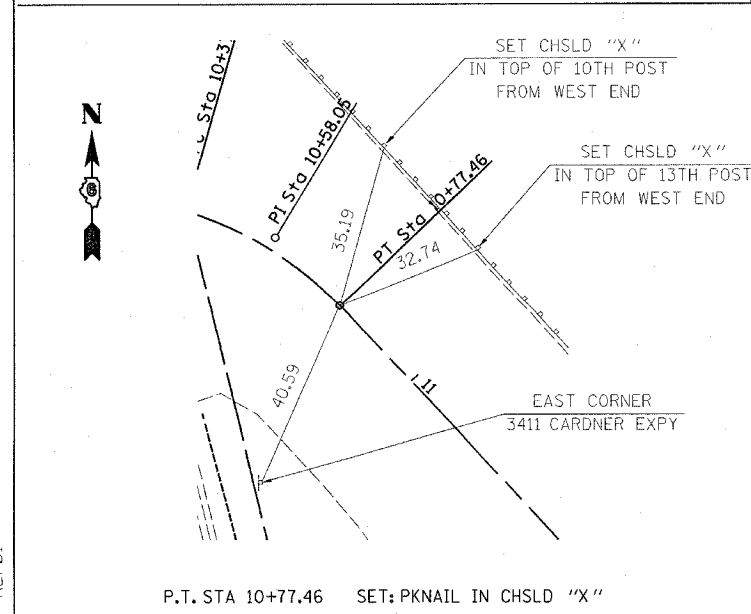
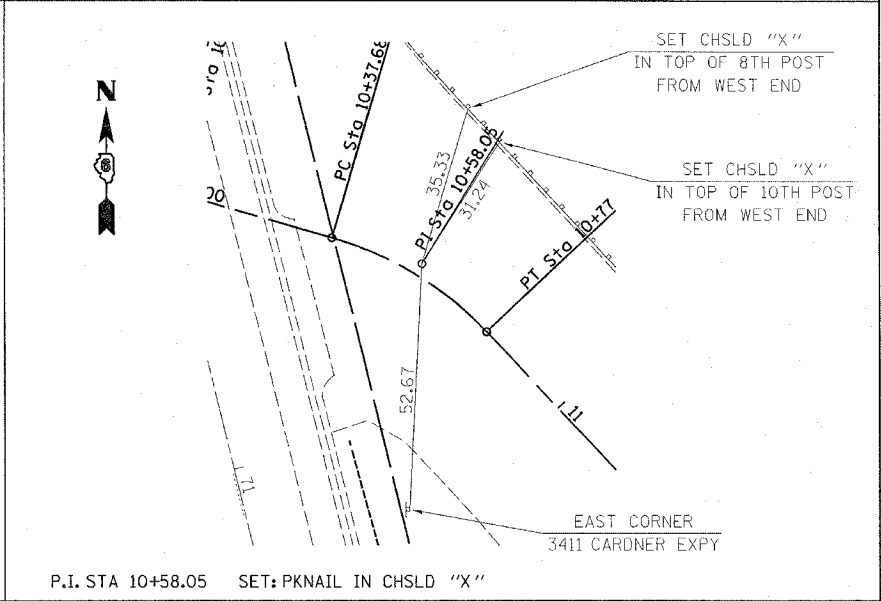
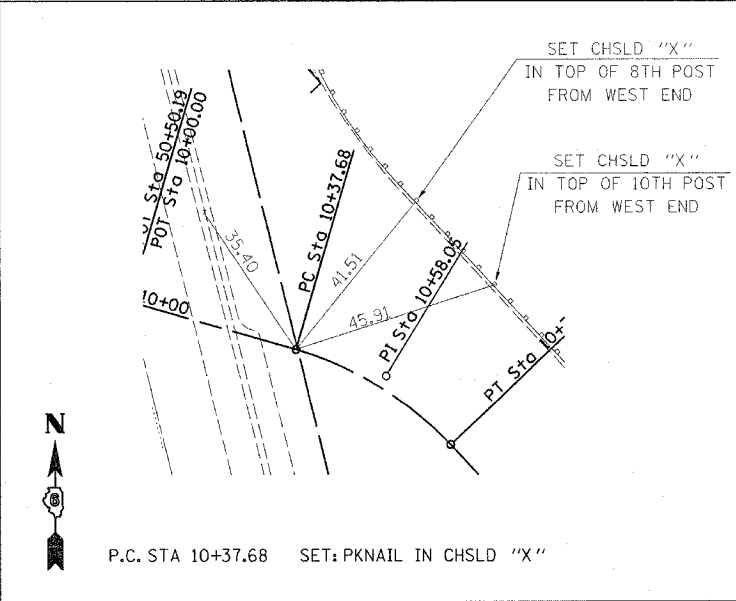
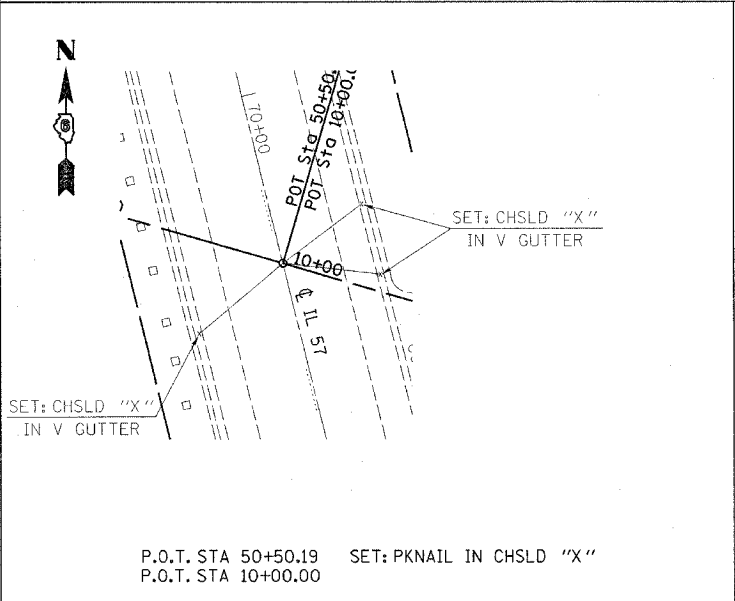
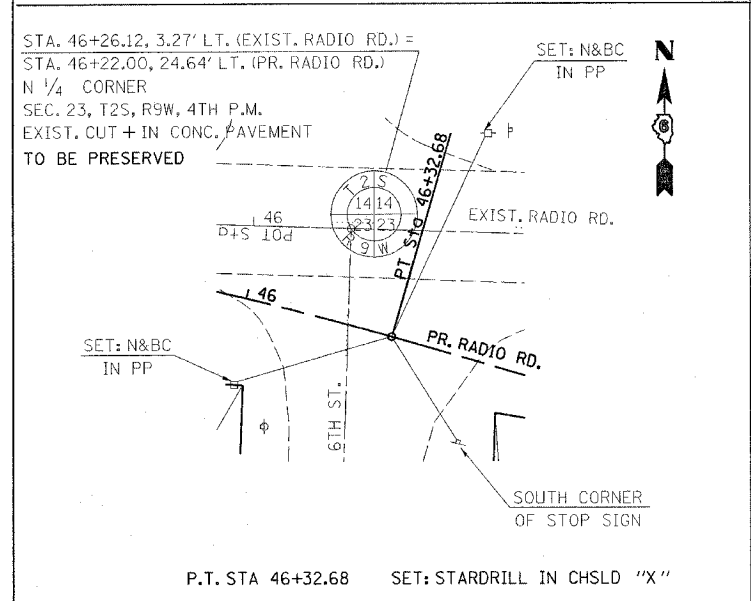
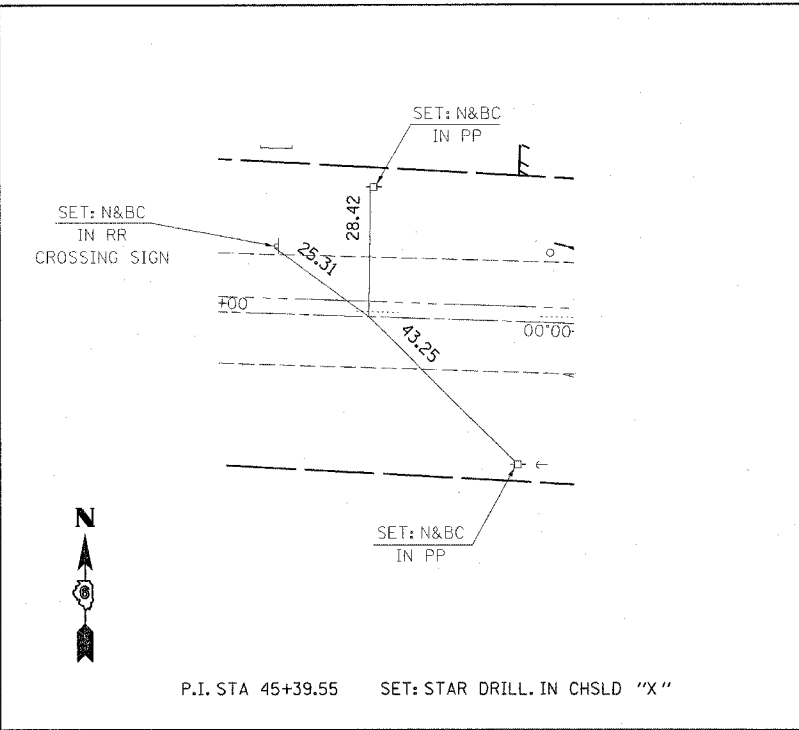
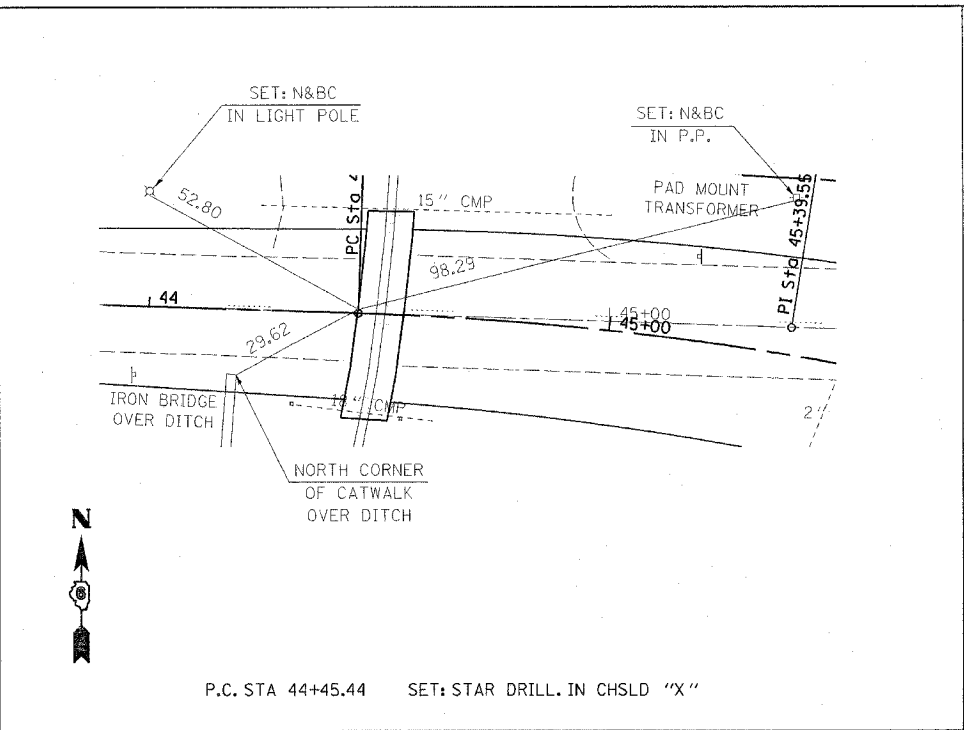
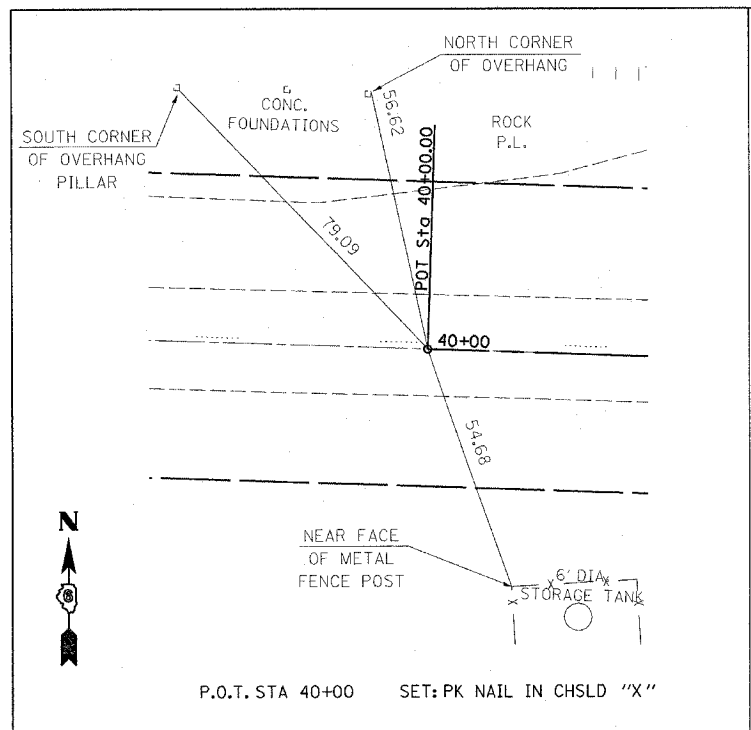
ILLINOIS DEPARTMENT OF TRANSPORTATION
CROSS TIES
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 06-03-04

DRAWN BY TMJ
 CHECKED BY MEB

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 2/2/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(53RS-7, P(RS-2)N, TS CONTRACT NO. 72897				



REVISIONS	
NAME	DATE

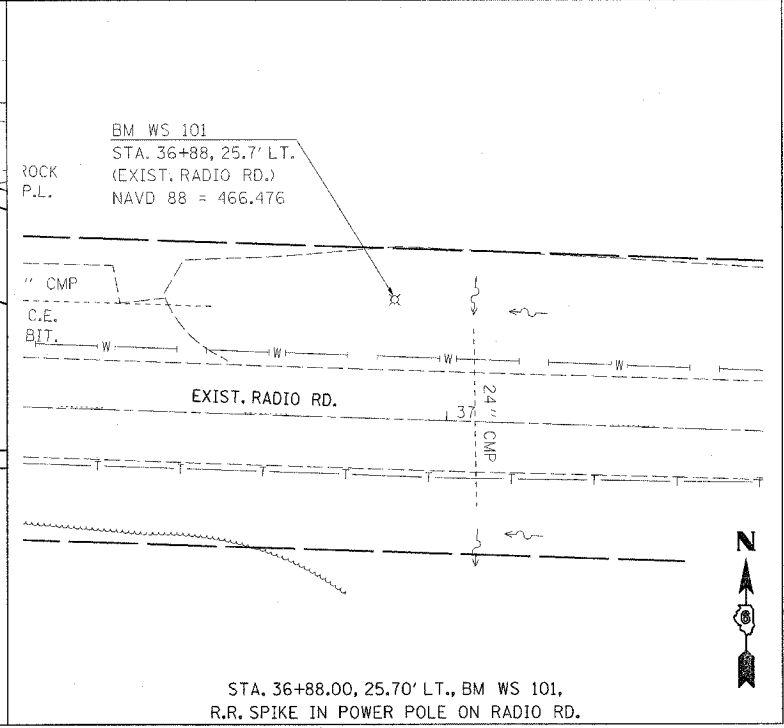
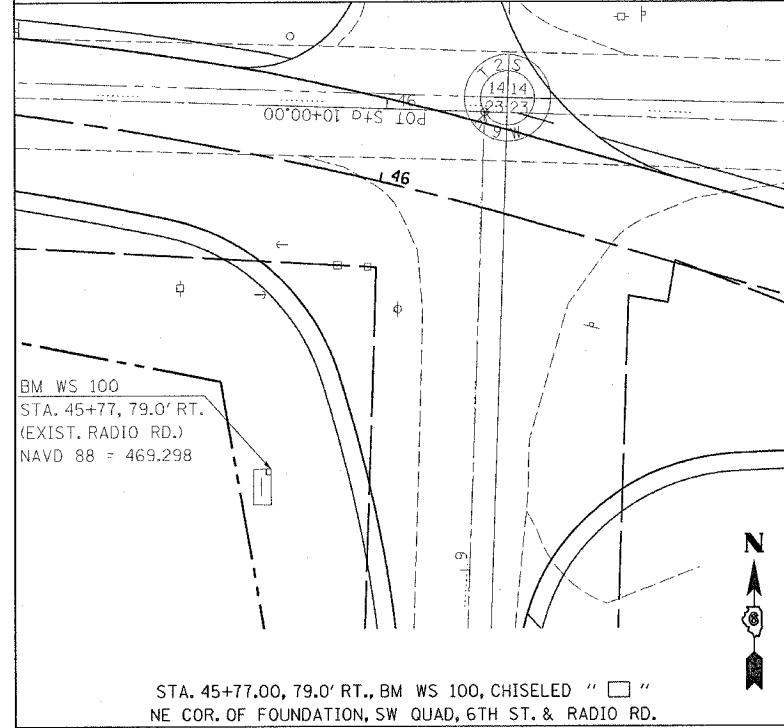
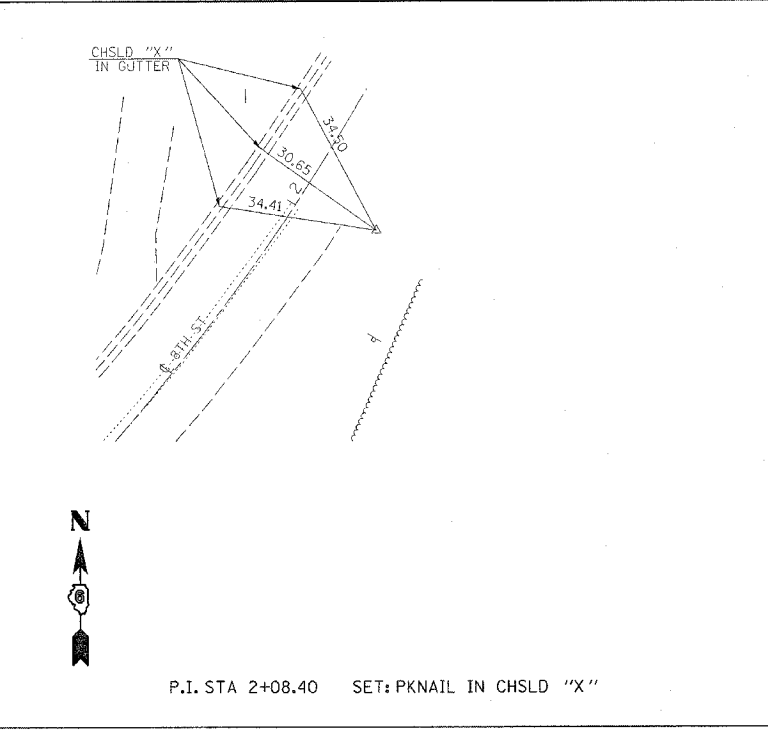
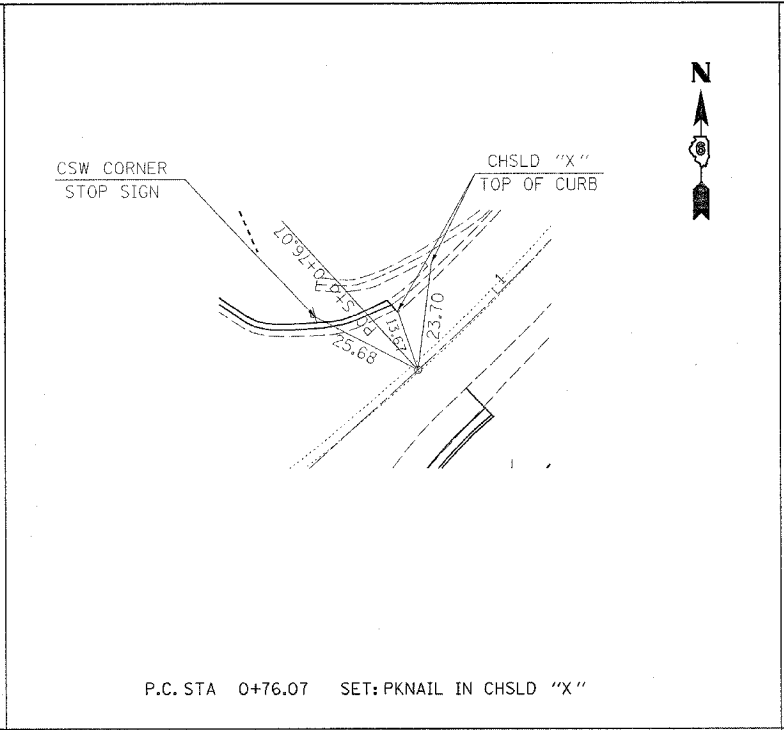
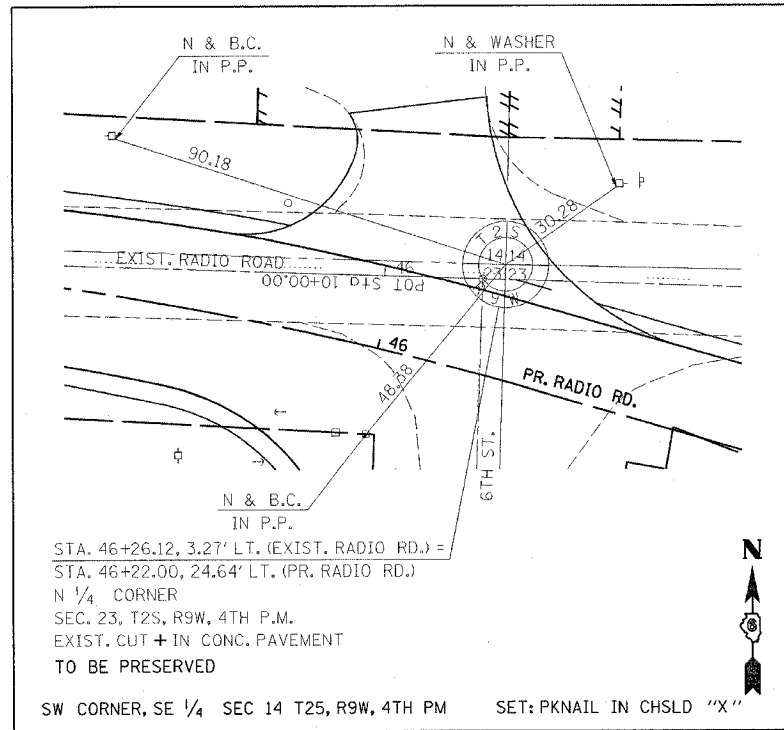
ILLINOIS DEPARTMENT OF TRANSPORTATION
CROSS TIES
 FAP 502 (IL 57) & RADIO ROAD
 SEC. [53RS-7, P(RS-2)N, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 06-03-04

DRAWN BY TMJ
 CHECKED BY MEB

c:\projects\4653004\shx\ties.dgn
 2/2/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	•	ADAMS	315	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (53RS-7, PIRS-2)JN, TS				
CONTRACT NO. 72897				



BENCH MARKS

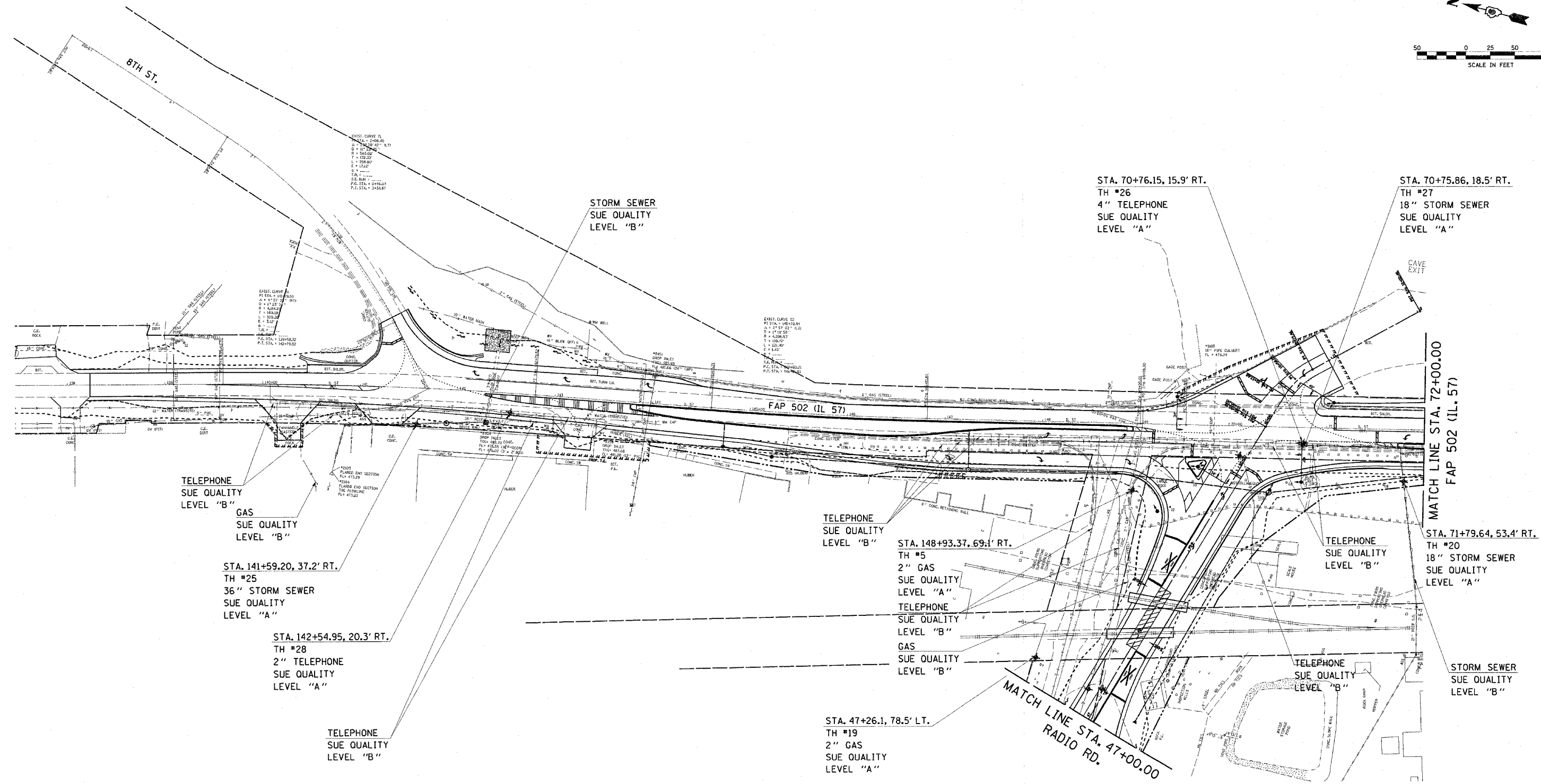
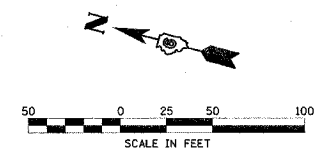
WS 100	STA. 45+77.00, 79.0' RT. CHISELED "□" IN THE NORTHEAST CORNER OF FOUNDATION, SOUTHWEST QUAD OF 6TH ST. & RADIO RD. NAVD 88 = 469.298
WS 101	STA. 36+88.00, 25.7' LT. R.R. SPIKE IN POWER POLE ON RADIO RD. NAVD 88 = 466.476

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CROSS TIES & BENCH MARKS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.
 SCALE: VERT. _____
 HORIZ. _____
 DATE 06-03-04
 DRAWN BY TMJ
 CHECKED BY MEB

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 2/2/2005
 REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	24
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (53RS-7, P(RS-2)JN, TS				
CONTRACT NO. T2897				



REVISIONS	
NAME	DATE

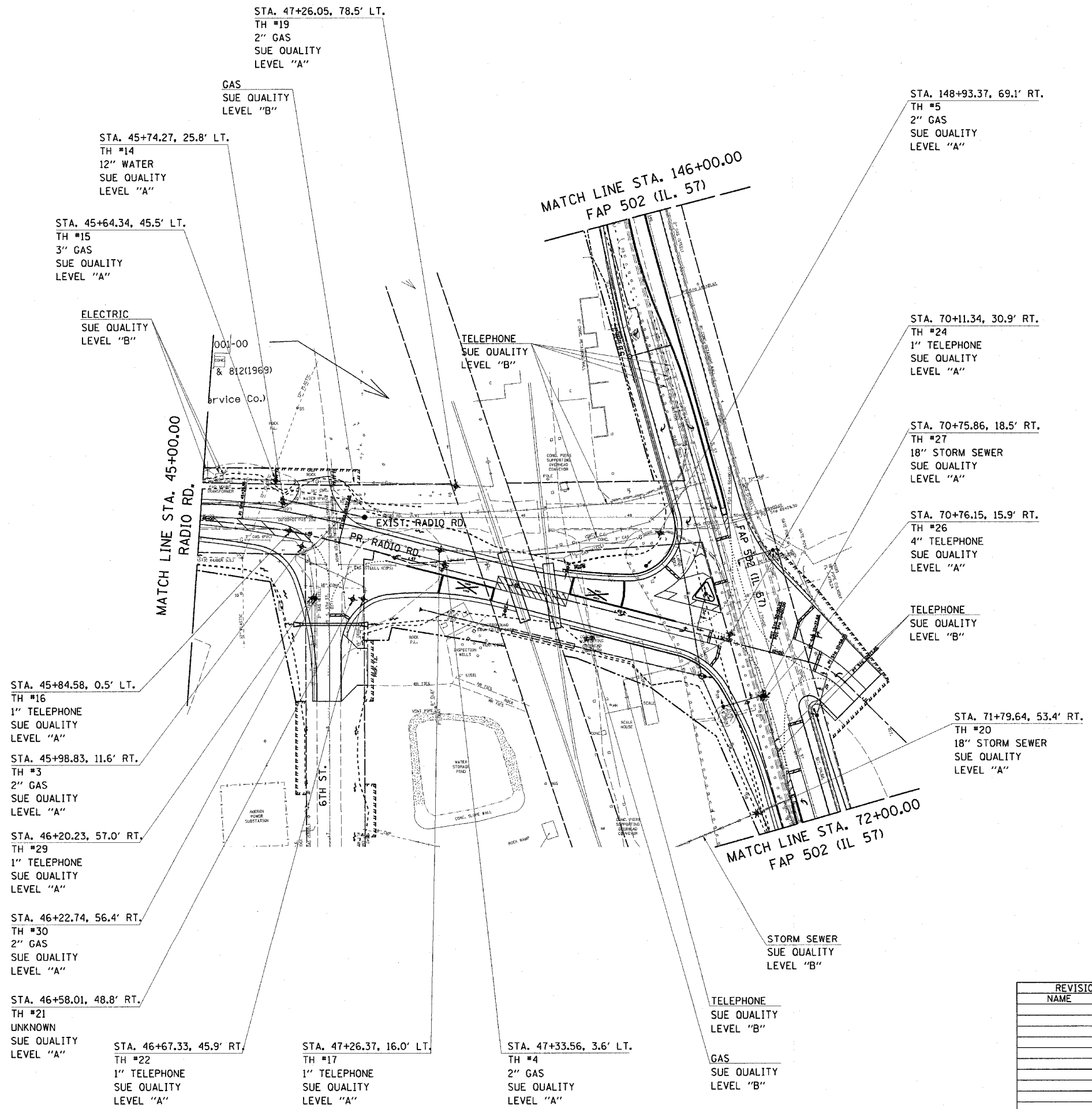
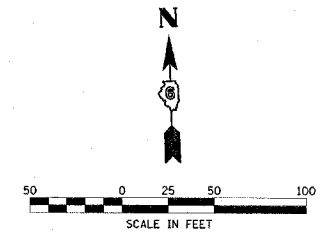
ILLINOIS DEPARTMENT OF TRANSPORTATION
UNDERGROUND UTILITY SURVEY
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, P(RS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 07-12-04

DRAWN BY TMJ
 CHECKED BY MEB

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 2/3/2005
 REF 01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (53RS-7, PIRS-2)JN, TS				
CONTRACT NO. 72897				



STA. 45+74.27, 25.8' LT.
TH #14
12" WATER
SUE QUALITY
LEVEL "A"

STA. 45+64.34, 45.5' LT.
TH #15
3" GAS
SUE QUALITY
LEVEL "A"

ELECTRIC
SUE QUALITY
LEVEL "B"

001-00
& 812(1969)
ervice Co.)

STA. 45+84.58, 0.5' LT.
TH #16
1" TELEPHONE
SUE QUALITY
LEVEL "A"

STA. 45+98.83, 11.6' RT.
TH #3
2" GAS
SUE QUALITY
LEVEL "A"

STA. 46+20.23, 57.0' RT.
TH #29
1" TELEPHONE
SUE QUALITY
LEVEL "A"

STA. 46+22.74, 56.4' RT.
TH #30
2" GAS
SUE QUALITY
LEVEL "A"

STA. 46+58.01, 48.8' RT.
TH #21
UNKNOWN
SUE QUALITY
LEVEL "A"

STA. 46+67.33, 45.9' RT.
TH #22
1" TELEPHONE
SUE QUALITY
LEVEL "A"

STA. 47+26.05, 78.5' LT.
TH #19
2" GAS
SUE QUALITY
LEVEL "A"

STA. 47+26.37, 16.0' LT.
TH #17
1" TELEPHONE
SUE QUALITY
LEVEL "A"

STA. 47+33.56, 3.6' LT.
TH #4
2" GAS
SUE QUALITY
LEVEL "A"

MATCH LINE STA. 146+00.00
FAP 502 (IL. 57)

MATCH LINE STA. 72+00.00
FAP 502 (IL 57)

STA. 148+93.37, 69.1' RT.
TH #5
2" GAS
SUE QUALITY
LEVEL "A"

STA. 70+11.34, 30.9' RT.
TH #24
1" TELEPHONE
SUE QUALITY
LEVEL "A"

STA. 70+75.86, 18.5' RT.
TH #27
18" STORM SEWER
SUE QUALITY
LEVEL "A"

STA. 70+76.15, 15.9' RT.
TH #26
4" TELEPHONE
SUE QUALITY
LEVEL "A"

TELEPHONE
SUE QUALITY
LEVEL "B"

STA. 71+79.64, 53.4' RT.
TH #20
18" STORM SEWER
SUE QUALITY
LEVEL "A"

STORM SEWER
SUE QUALITY
LEVEL "B"

TELEPHONE
SUE QUALITY
LEVEL "B"

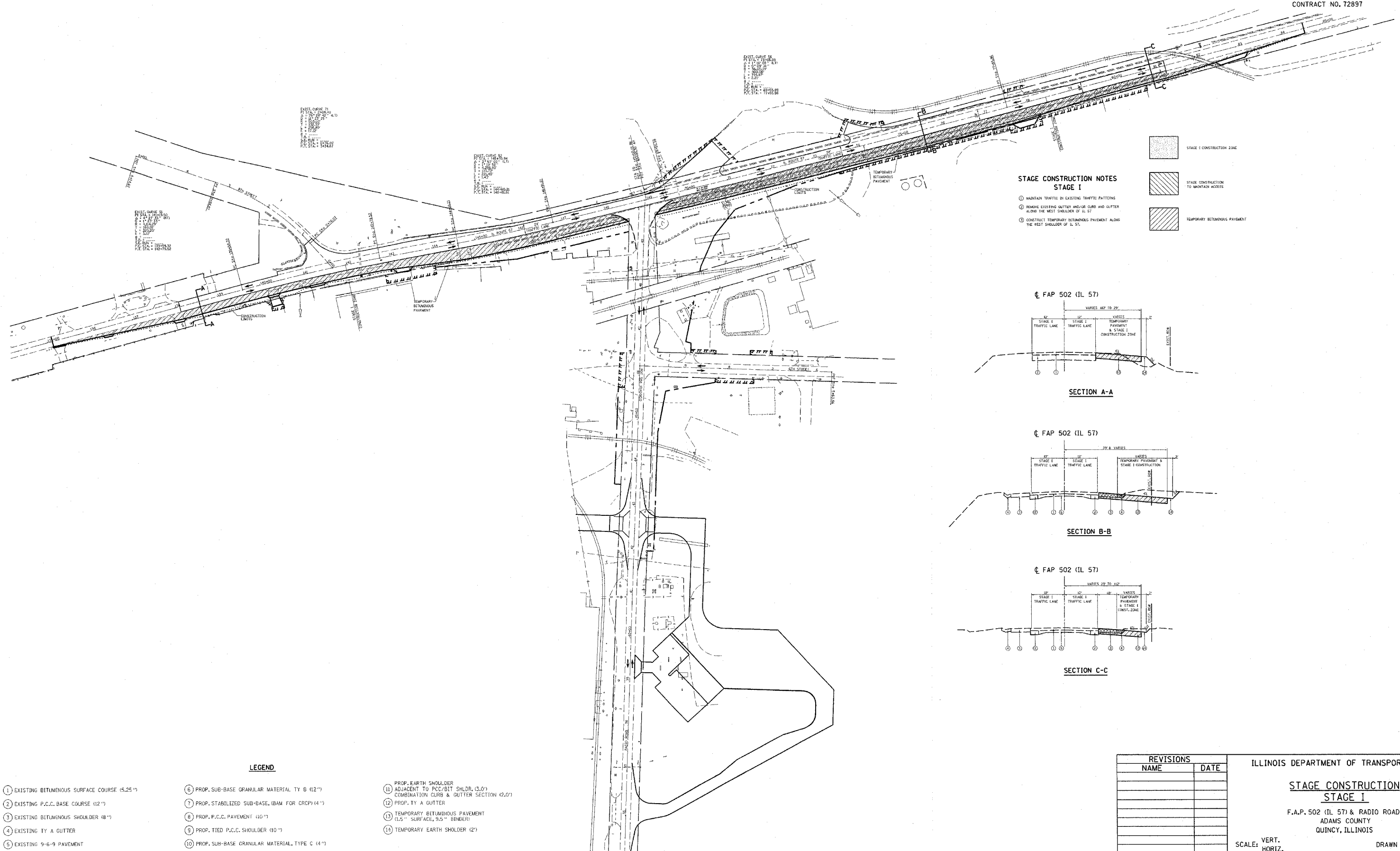
GAS
SUE QUALITY
LEVEL "B"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
UNDERGROUND UTILITY SURVEY
FAP 502 (IL 57) & RADIO ROAD
SEC. (53RS-7, PIRS-2)JN, TS
ADAMS COUNTY
QUINCY, IL.
SCALE: VERT. _____
HORIZ. _____
DATE 07-12-04
DRAWN BY TMJ
CHECKED BY MEB

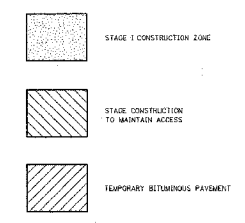
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DATE-TIME
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	3/5	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* [53RS-7, P(RS-2)] IN, TS CONTRACT NO. 72897				

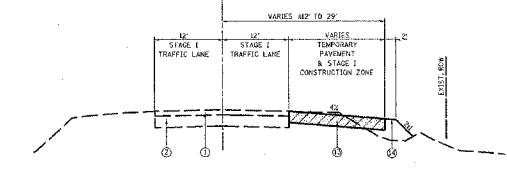


**STAGE CONSTRUCTION NOTES
STAGE I**

- ① MAINTAIN TRAFFIC IN EXISTING TRAFFIC PATTERNS
- ② REMOVE EXISTING GUTTER AND/OR CURB AND GUTTER ALONG THE WEST SHOULDER OF IL 57
- ③ CONSTRUCT TEMPORARY BITUMINOUS PAVEMENT ALONG THE WEST SHOULDER OF IL 57

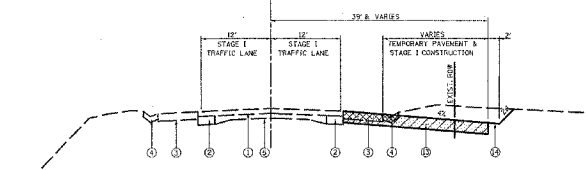


☐ FAP 502 (IL 57)



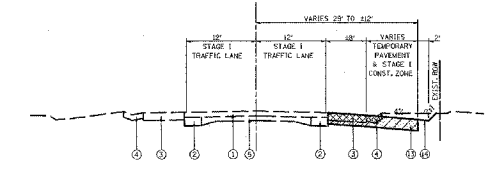
SECTION A-A

☐ FAP 502 (IL 57)



SECTION B-B

☐ FAP 502 (IL 57)



SECTION C-C

LEGEND

- ① EXISTING BITUMINOUS SURFACE COURSE (5.25")
- ② EXISTING P.C.C. BASE COURSE (12")
- ③ EXISTING BITUMINOUS SHOULDER (8")
- ④ EXISTING TY A GUTTER
- ⑤ EXISTING 9-6-9 PAVEMENT
- ⑥ PROP. SUB-BASE GRANULAR MATERIAL TY B (12")
- ⑦ PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4")
- ⑧ PROP. P.C.C. PAVEMENT (10")
- ⑨ PROP. TIED P.C.C. SHOULDER (10")
- ⑩ PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4")
- ⑪ PROP. EARTH SHOULDER ADJACENT TO PCC/BIT SHLDR. (3.0') COMBINATION CURB & GUTTER SECTION (2.0')
- ⑫ PROP. TY A GUTTER
- ⑬ TEMPORARY BITUMINOUS PAVEMENT (1.5" SURFACE, 9.5" BINDER)
- ⑭ TEMPORARY EARTH SHOULDER (2')

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STAGE CONSTRUCTION
STAGE I**

F.A.P. 502 (IL 57) & RADIO ROAD
ADAMS COUNTY
QUINCY, ILLINOIS

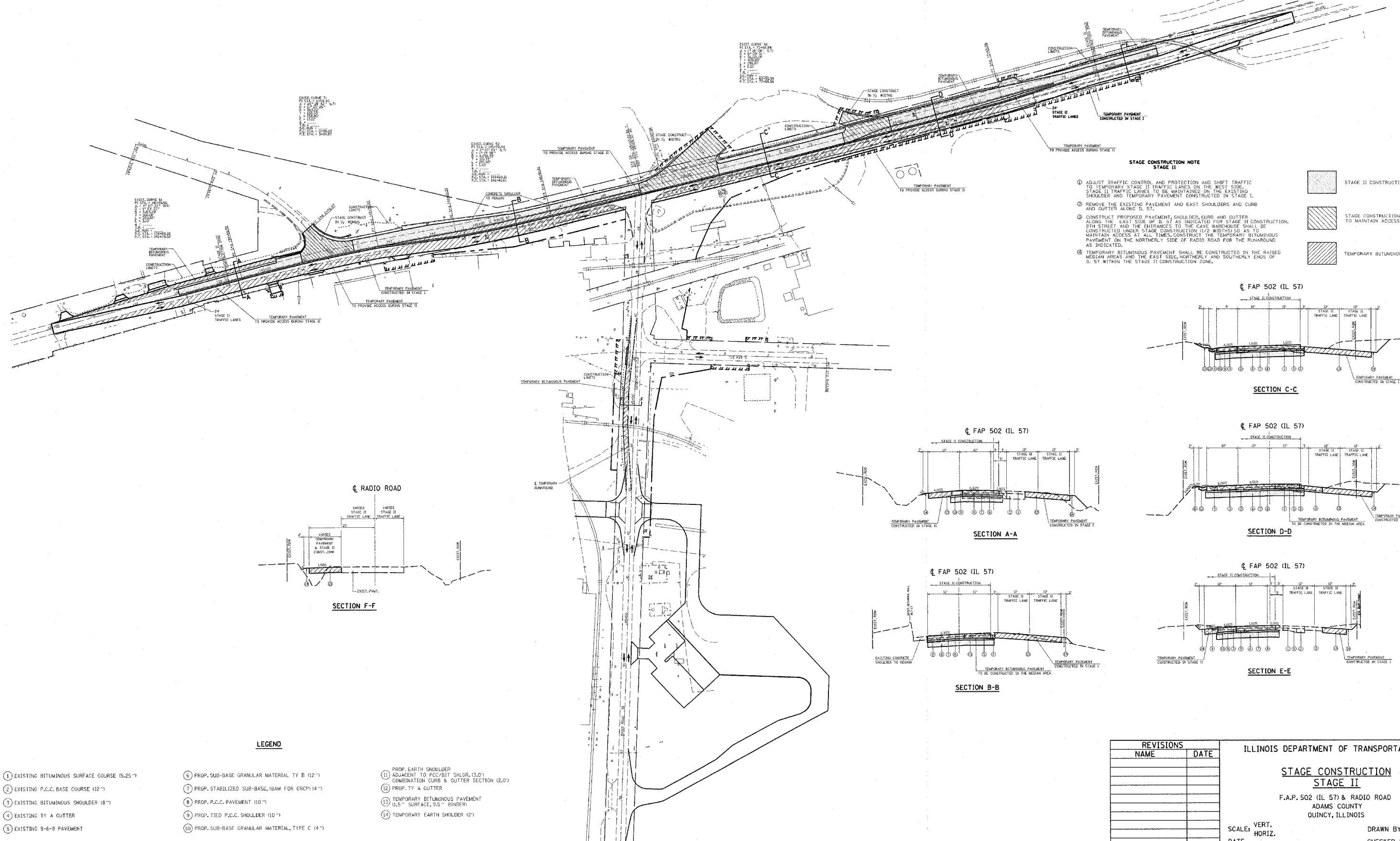
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HORIZ. _____
DATE _____

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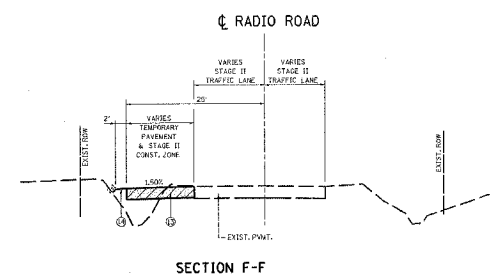
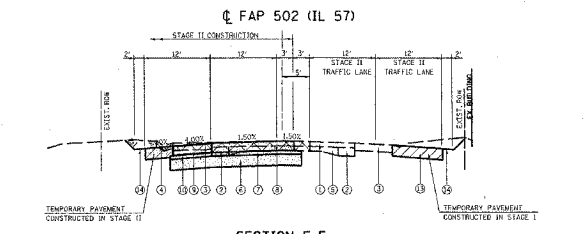
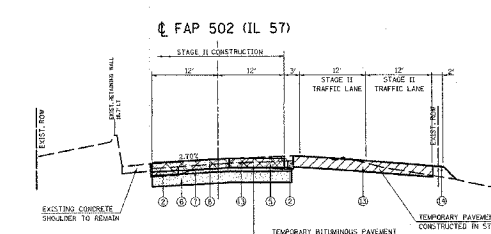
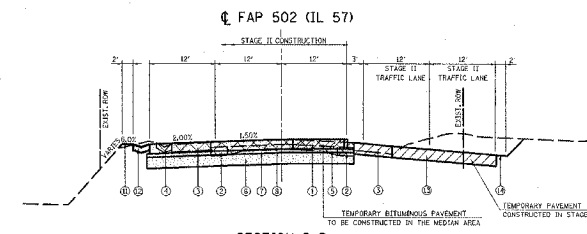
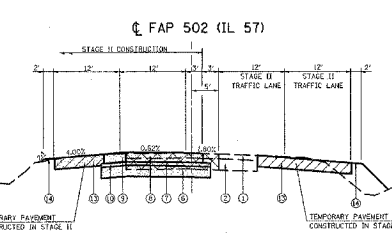
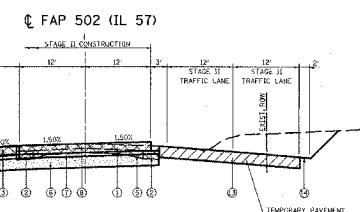
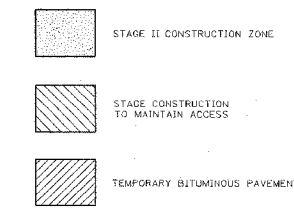
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 2/2/2005
 *REF:01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	28
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• [53RS-7, PIRS-2]N, TS
CONTRACT NO. 72897



- STAGE CONSTRUCTION NOTE**
STAGE II
- ADJUST TRAFFIC CONTROL AND PROTECTION AND SHIFT TRAFFIC TO TEMPORARY STAGE II TRAFFIC LANES ON THE WEST SIDE. STAGE II TRAFFIC LANES TO BE MAINTAINED ON THE EXISTING SHOULDER AND TEMPORARY PAVEMENT CONSTRUCTED IN STAGE I.
 - REMOVE THE EXISTING PAVEMENT AND EAST SHOULDERS AND CURB AND GUTTER ALONG IL 57.
 - CONSTRUCT PROPOSED PAVEMENT, SHOULDER, CURB AND GUTTER ALONG THE EAST SIDE OF IL 57 AS INDICATED FOR STAGE II CONSTRUCTION. 8TH STREET AND THE ENTRANCES TO THE GAVE WAREHOUSE SHALL BE CONSTRUCTED UNDER STAGE CONSTRUCTION (1/2 WIDTH) SO AS TO MAINTAIN ACCESS AT ALL TIMES. CONSTRUCT THE TEMPORARY BITUMINOUS PAVEMENT ON THE NORTHERLY SIDE OF RADIO ROAD FOR THE RUNAROUND AS INDICATED.
 - TEMPORARY BITUMINOUS PAVEMENT SHALL BE CONSTRUCTED IN THE RAISED MEDIAN AREAS AND THE EAST SIDE, NORTHERLY AND SOUTHERLY ENDS OF IL 57 WITHIN THE STAGE II CONSTRUCTION ZONE.



- LEGEND**
- | | | |
|--|---|--|
| 1 EXISTING BITUMINOUS SURFACE COURSE (5.25") | 6 PROP. SUB-BASE GRANULAR MATERIAL TY B (12") | 11 PROP. EARTH SHOULDER ADJACENT TO PCC/BIT SHLDR. (3.0') COMBINATION CURB & GUTTER SECTION (2.0') |
| 2 EXISTING P.C.C. BASE COURSE (12") | 7 PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (14") | 12 PROP. TY A GUTTER |
| 3 EXISTING BITUMINOUS SHOULDER (18") | 8 PROP. P.C.C. PAVEMENT (10") | 13 TEMPORARY BITUMINOUS PAVEMENT (1.5" SURFACE, 9.5" BINDER) |
| 4 EXISTING TY A GUTTER | 9 PROP. TIED P.C.C. SHOULDER (10") | 14 TEMPORARY EARTH SHOULDER (2') |
| 5 EXISTING 9'-6" PAVEMENT | 10 PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4") | |

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		STAGE CONSTRUCTION STAGE II F.A.P. 502 (IL 57) & RADIO ROAD ADAMS COUNTY QUINCY, ILLINOIS

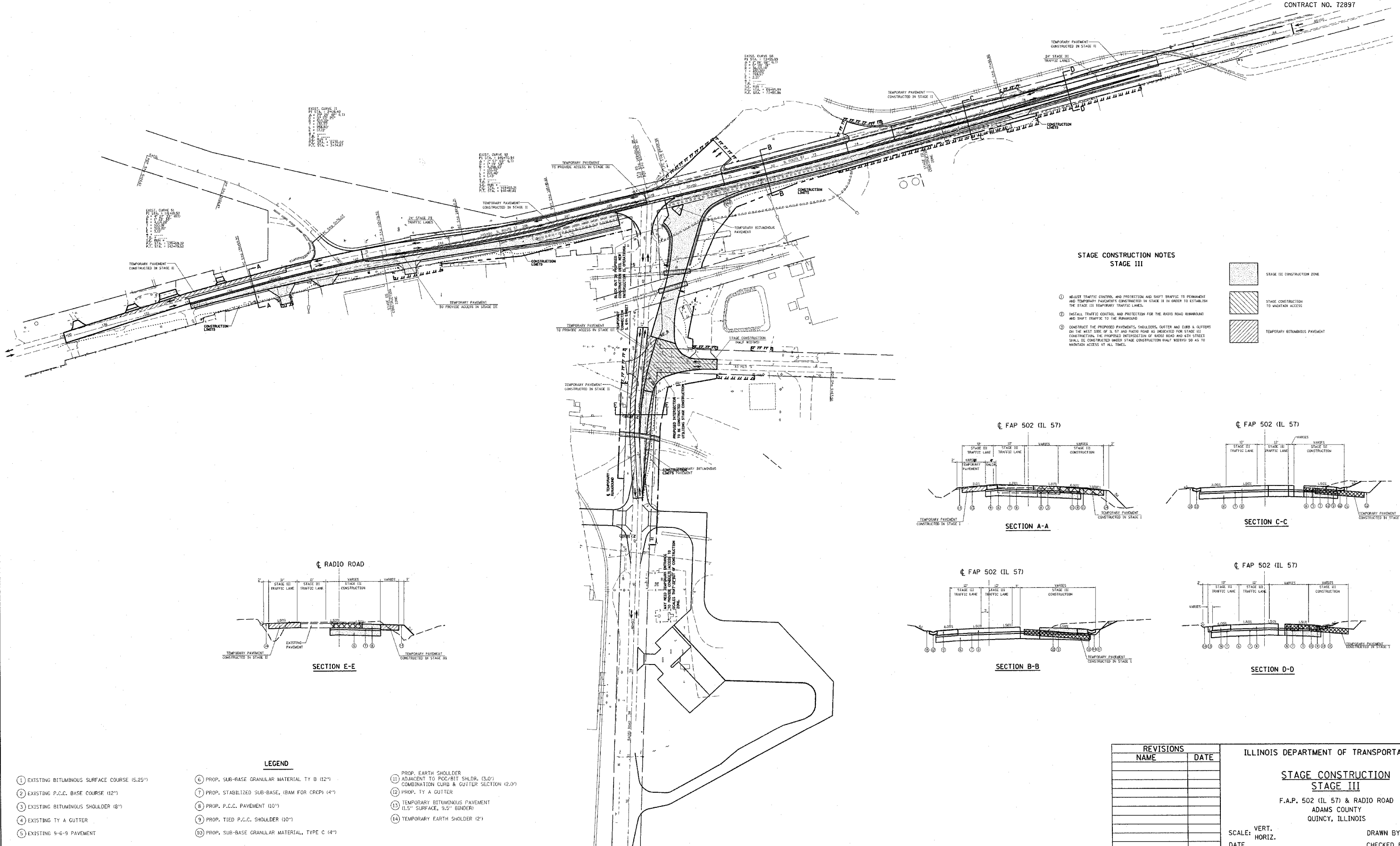
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

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 2/2/2005
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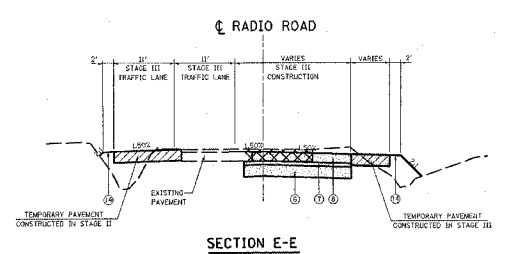
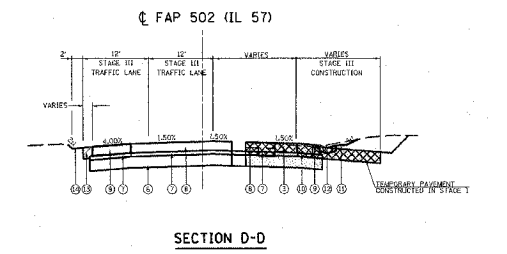
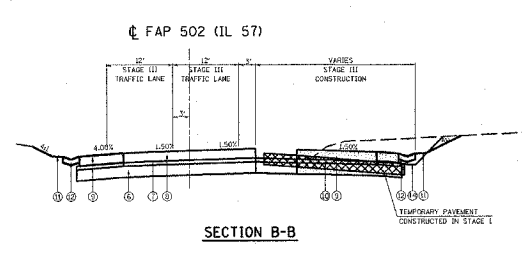
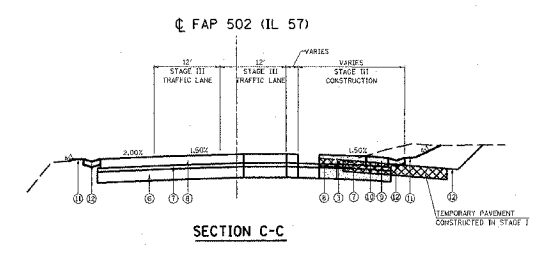
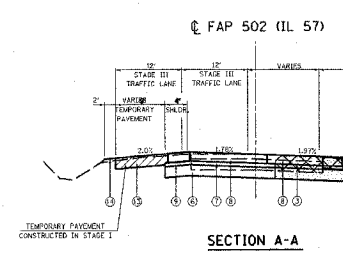
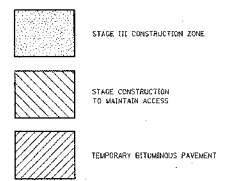
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

• E53RS-7, P(RS-2)JN, TS
CONTRACT NO. 72897



**STAGE CONSTRUCTION NOTES
STAGE III**

- ADJUST TRAFFIC CONTROL AND PROTECTION AND SHIFT TRAFFIC TO PERMANENT AND TEMPORARY PAVEMENTS CONSTRUCTED IN STAGE II IN ORDER TO ESTABLISH THE STAGE III TEMPORARY TRAFFIC LANES.
- INSTALL TRAFFIC CONTROL AND PROTECTION FOR THE RADIO ROAD ROUNDOFF AND SHIFT TRAFFIC TO THE ROUNDOFFS.
- CONSTRUCT THE PROPOSED PAVEMENTS, SHOULDERS, CUTTER AND CURB & GUTTERS ON THE WEST SIDE OF IL 57 AND RADIO ROAD AS INDICATED FOR STAGE III CONSTRUCTION. THE PROPOSED INTERSECTION OF RADIO ROAD AND 4TH STREET SHALL BE CONSTRUCTED UNDER STAGE CONSTRUCTION HALF WIDTH 50' AS TO MAINTAIN ACCESS AT ALL TIMES.



LEGEND

- | | | |
|--|--|--|
| 1 EXISTING BITUMINOUS SURFACE COURSE (5.25") | 6 PROP. SUB-BASE GRANULAR MATERIAL TY B (12") | 11 PROP. EARTH SHOULDER ADJACENT TO PCC/BIT SHDR. (3.0') |
| 2 EXISTING P.C.C. BASE COURSE (12") | 7 PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4") | 12 PROP. TY A GUTTER |
| 3 EXISTING BITUMINOUS SHOULDER (8") | 8 PROP. P.C.C. PAVEMENT (10") | 13 TEMPORARY BITUMINOUS PAVEMENT (1.5" SURFACE, 9.5" BINDER) |
| 4 EXISTING TY A GUTTER | 9 PROP. TIED P.C.C. SHOULDER (10") | 14 TEMPORARY EARTH SHOULDER (2') |
| 5 EXISTING 9-6-9 PAVEMENT | 10 PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4") | |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STAGE CONSTRUCTION
STAGE III**

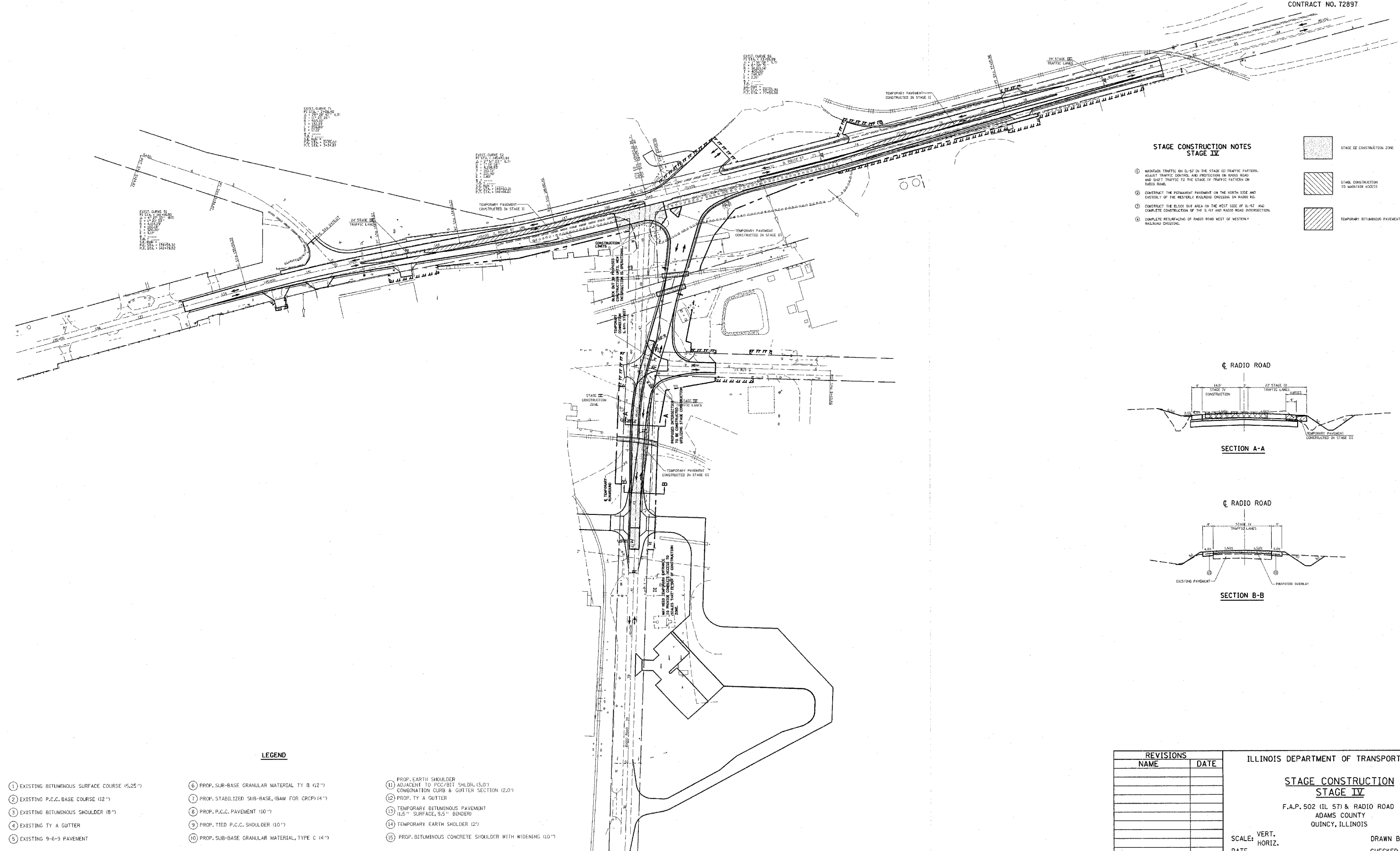
F.A.P. 502 (IL 57) & RADIO ROAD
ADAMS COUNTY
QUINCY, ILLINOIS

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

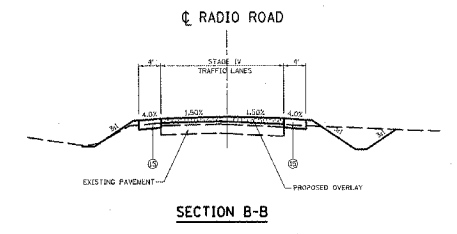
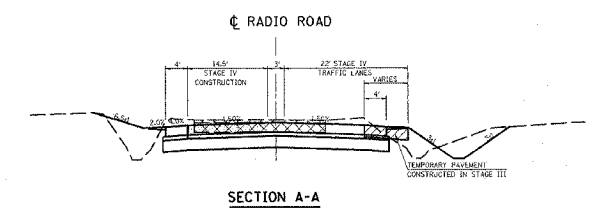
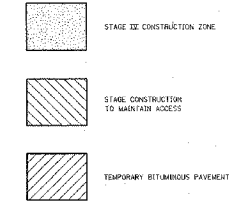
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2/23/2005
REF 01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (53RS-7, PIRS-21)N, TS CONTRACT NO. 72897				



**STAGE CONSTRUCTION NOTES
STAGE IV**

1. MAINTAIN TRAFFIC ON IL-57 ON THE STAGE III TRAFFIC PATTERNS. ADJUST TRAFFIC CONTROL AND PROTECTION ON RADIO ROAD AND SHUT TRAFFIC TO THE STAGE IV TRAFFIC PATTERNS ON RADIO ROAD.
2. CONSTRUCT THE PERMANENT PAVEMENT ON THE NORTH SIDE AND EASTERNLY OF THE WESTERLY RAILROAD CROSSING ON RADIO ROAD.
3. CONSTRUCT THE BLOCK OUT AREA ON THE WEST SIDE OF IL-57 AND COMPLETE CONSTRUCTION OF THE IL-57 AND RADIO ROAD INTERSECTION.
4. COMPLETE RESURFACING OF RADIO ROAD WEST OF WESTERLY RAILROAD CROSSING.



LEGEND

- | | | |
|---|---|---|
| 1. EXISTING BITUMINOUS SURFACE COURSE (5.25") | 6. PROP. SUB-BASE GRANULAR MATERIAL TY B (12") | 11. PROP. EARTH SHOULDER ADJACENT TO PCC/BIT SHLDR. (3.0') COMBINATION CURB & GUTTER SECTION (2.0') |
| 2. EXISTING P.C.C. BASE COURSE (12") | 7. PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4") | 12. PROP. TY A GUTTER |
| 3. EXISTING BITUMINOUS SHOULDER (6") | 8. PROP. P.C.C. PAVEMENT (10") | 13. TEMPORARY BITUMINOUS PAVEMENT (1.5" SURFACE, 9.5" BINDER) |
| 4. EXISTING TY A GUTTER | 9. PROP. TIED P.C.C. SHOULDER (10") | 14. TEMPORARY EARTH SHOULDER (2') |
| 5. EXISTING 9-6-9 PAVEMENT | 10. PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4") | 15. PROP. BITUMINOUS CONCRETE SHOULDER WITH WIDENING (10") |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STAGE CONSTRUCTION
STAGE IV**

F.A.P. 502 (IL 57) & RADIO ROAD
ADAMS COUNTY
QUINCY, ILLINOIS

SCALE: VERT. _____
HORIZ. _____

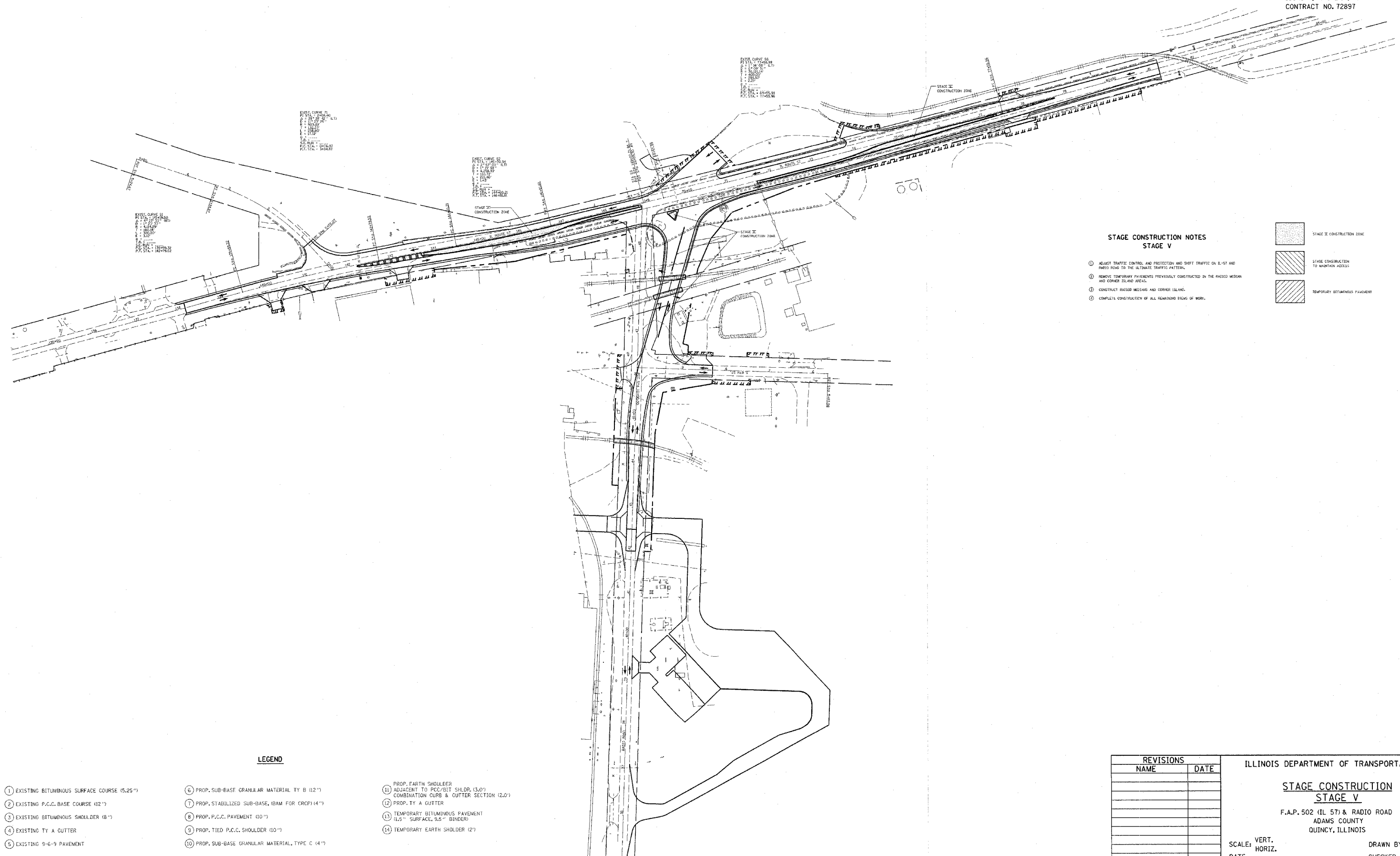
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CHECKED BY _____

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2/2/2005
*REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	31

STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

• (53RS-7, PIRS-2)JN, TS
CONTRACT NO. 72897



**STAGE CONSTRUCTION NOTES
STAGE V**

- ① ADJUST TRAFFIC CONTROL AND PROTECTION AND SHIFT TRAFFIC ON IL-57 AND RADIO ROAD TO THE ULTIMATE TRAFFIC PATTERN.
- ② REMOVE TEMPORARY PAVEMENTS PREVIOUSLY CONSTRUCTED IN THE RAISED MESSIAN AND CORNER ISLAND AREAS.
- ③ CONSTRUCT RAISED MESSIAN AND CORNER ISLAND.
- ④ COMPLETE CONSTRUCTION OF ALL REMAINING ITEMS OF WORK.

	STAGE II CONSTRUCTION ZONE
	STAGE CONSTRUCTION TO MAINTAIN ACCESS
	TEMPORARY BITUMINOUS PAVEMENT

LEGEND

- | | | |
|--|--|---|
| ① EXISTING BITUMINOUS SURFACE COURSE (5.25") | ⑥ PROP. SUB-BASE GRANULAR MATERIAL TY B (12") | ⑪ PROP. EARTH SHOULDER ADJACENT TO PCC/BIT SHLDR. (3.0') COMBINATION CURB & GUTTER SECTION (2.0') |
| ② EXISTING P.C.C. BASE COURSE (12") | ⑦ PROP. STABILIZED SUB-BASE, (BAM FOR CRCP) (4") | ⑫ PROP. TY A GUTTER |
| ③ EXISTING BITUMINOUS SHOULDER (8") | ⑧ PROP. P.C.C. PAVEMENT (10") | ⑬ TEMPORARY BITUMINOUS PAVEMENT (1.5" SURFACE, 5.5" BINDER) |
| ④ EXISTING TY A GUTTER | ⑨ PROP. TIED P.C.C. SHOULDER (10") | ⑭ TEMPORARY EARTH SHOULDER (2') |
| ⑤ EXISTING 9-6-9 PAVEMENT | ⑩ PROP. SUB-BASE GRANULAR MATERIAL, TYPE C (4") | |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STAGE CONSTRUCTION
STAGE V**

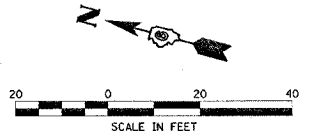
F.A.P. 502 (IL 57) & RADIO ROAD
ADAMS COUNTY
QUINCY, ILLINOIS

SCALE: VERT. _____
HORIZ. _____
DATE _____

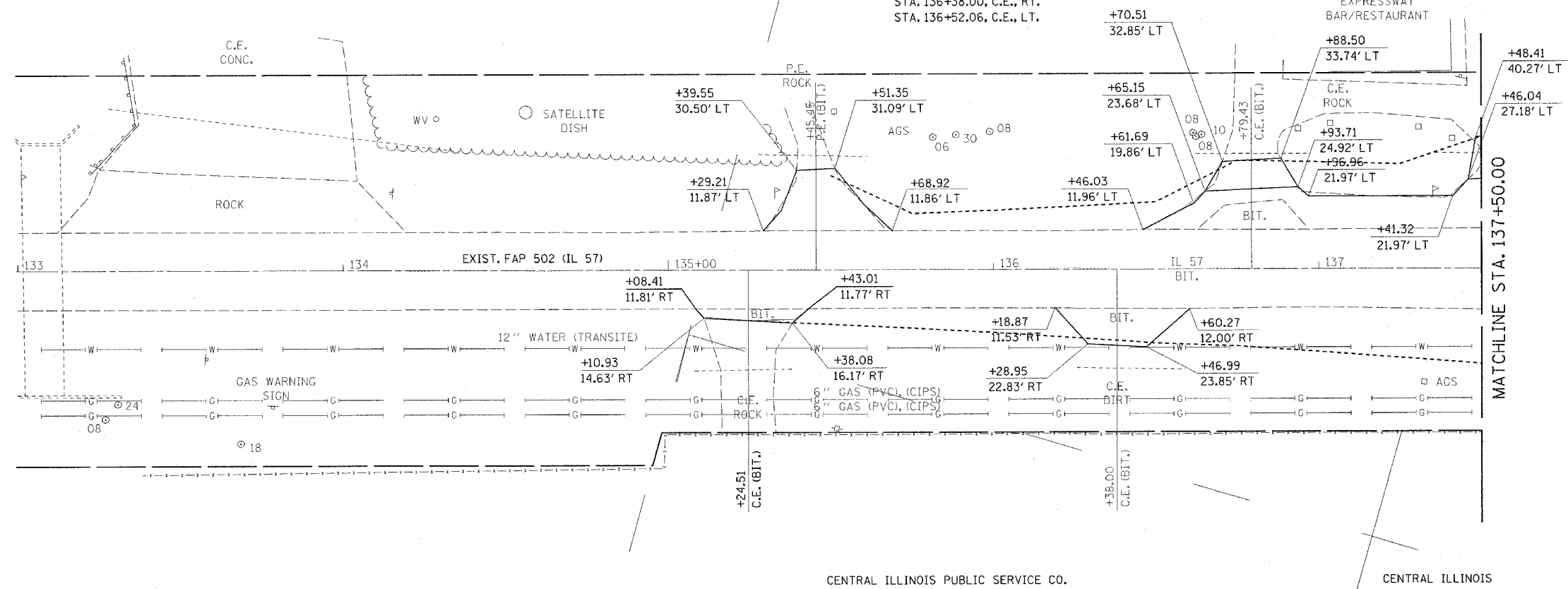
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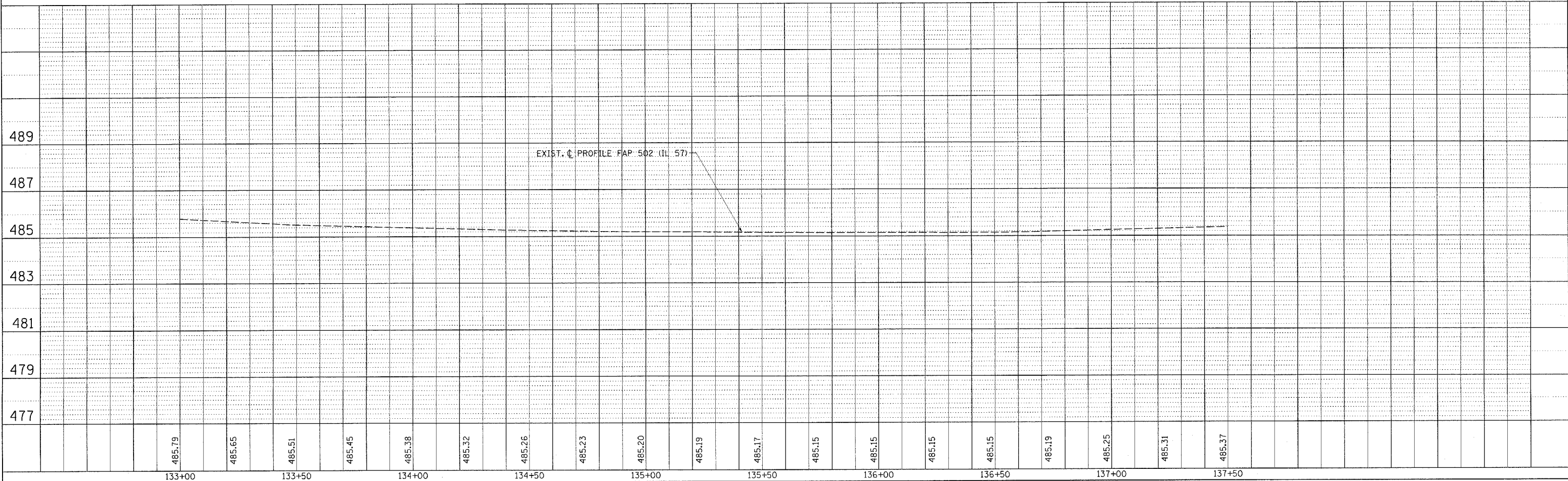
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	32
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (53RS-7, PIRS-2)IN, TS				
CONTRACT NO. 72897				



ENTRANCES TO REMAIN BITUMINOUS
FROM STAGE CONSTRUCTION
STA. 135+24.51, C.E., RT.
STA. 135+45.45, P.E., LT.
STA. 136+38.00, C.E., RT.
STA. 136+52.06, C.E., LT.



CENTRAL ILLINOIS PUBLIC SERVICE CO. CENTRAL ILLINOIS PUBLIC SERVICE CO.



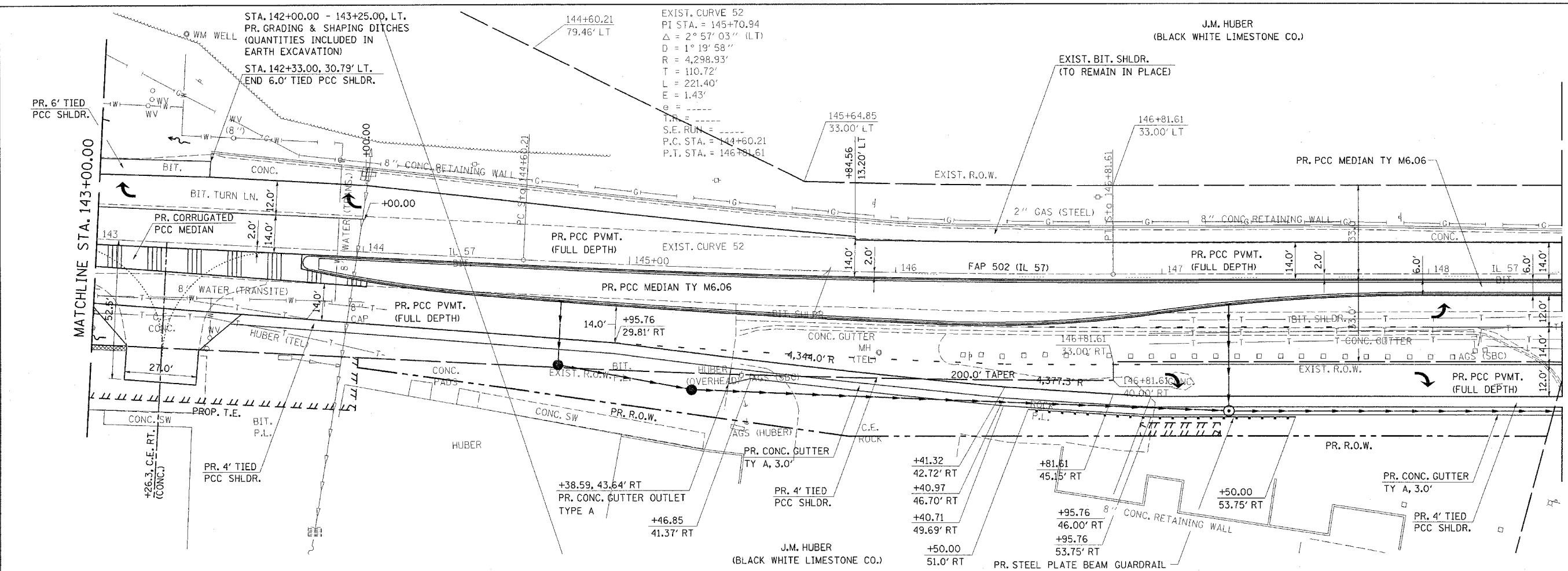
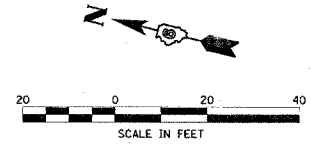
133+00 133+50 134+00 134+50 135+00 135+50 136+00 136+50 137+00 137+50

DATE	BY	REVISION

DATE	BY	REVISION

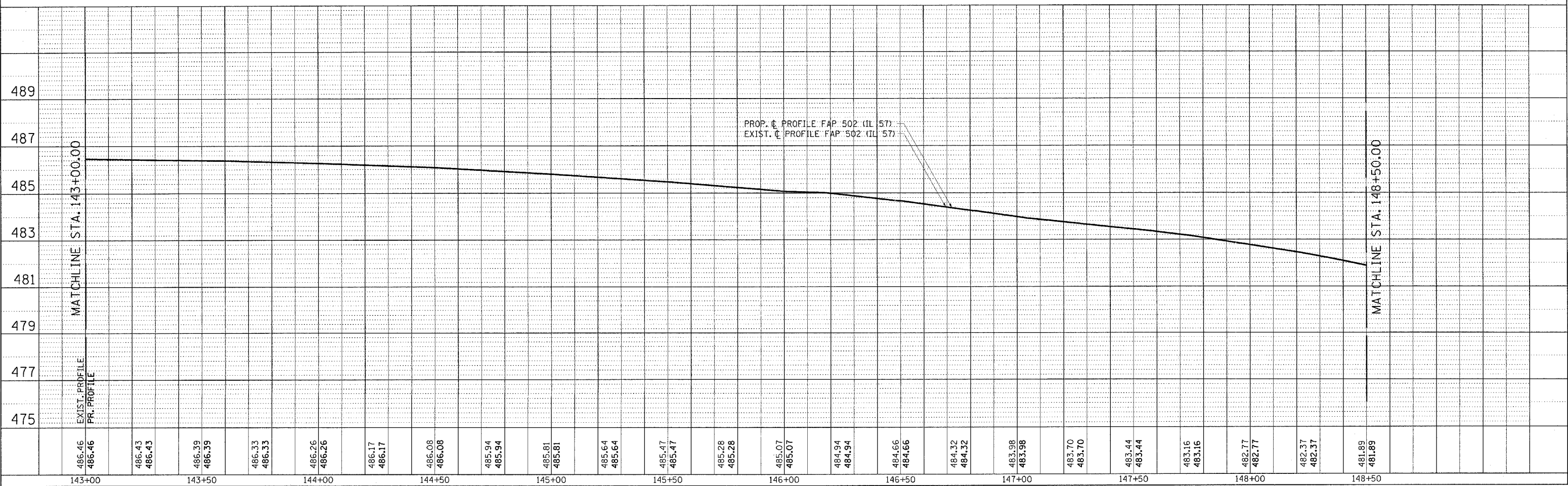
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2/2/2005
*REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	31.5	34
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* I53RS-7, PIRS-2)IN, TS				
CONTRACT NO. 72897				



SEE DRAINAGE P&Ps FOR DRAINAGE INFORMATION

SEE MEDIAN PLAN SHEETS FOR MEDIAN INFORMATION



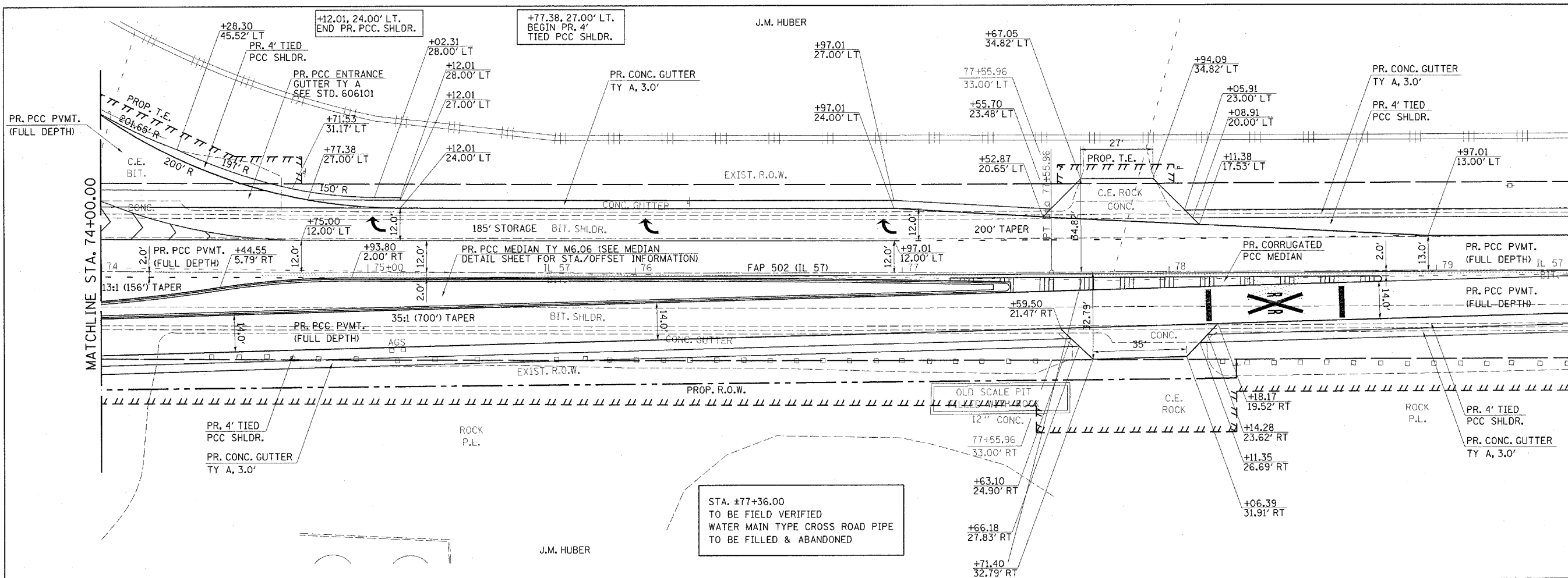
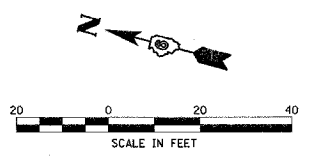
143+00	143+50	144+00	144+50	145+00	145+50	146+00	146+50	147+00	147+50	148+00	148+50
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DATE: _____
 BY: _____
 SURVEYED: _____
 ALIGNED: _____
 CHECKED: _____
 NO. _____

DATE: _____
 BY: _____
 SURVEYED: _____
 GRADES CHECKED: _____
 CHECKED: _____
 NO. _____

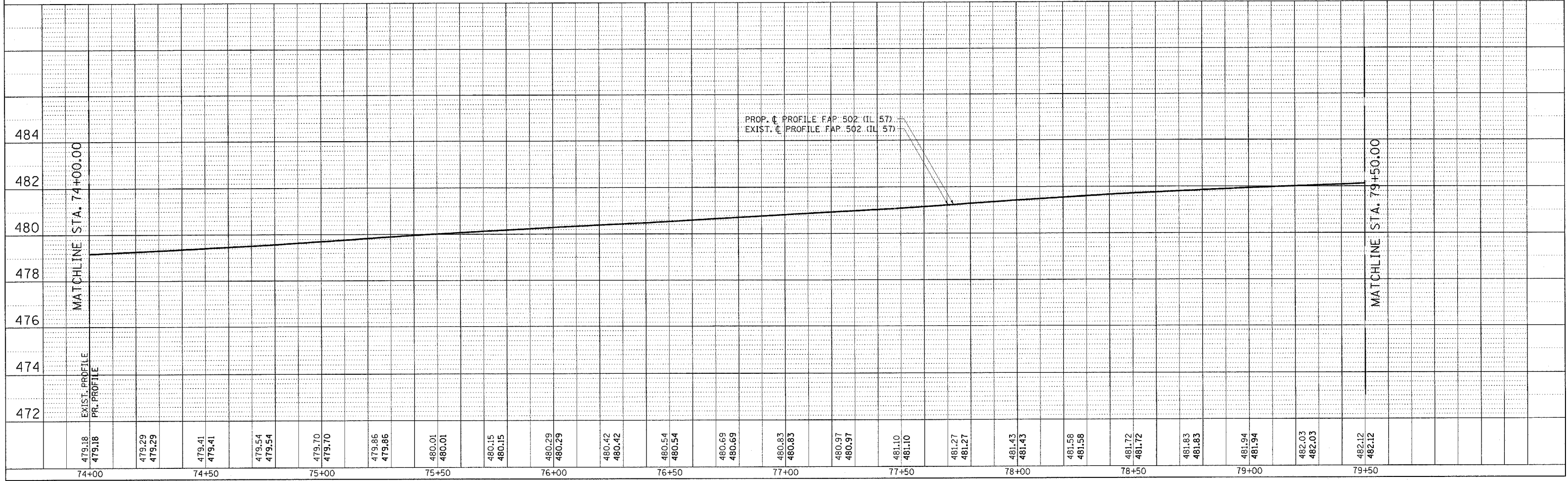
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 2/2/2005
 *REF01

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502	.	ADAMS	515	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
[53RS-7, PIRS-2] IN, TS CONTRACT NO. 72897				



SEE DRAINAGE P&Ps FOR DRAINAGE INFORMATION

SEE MEDIAN PLAN SHEETS FOR MEDIAN INFORMATION

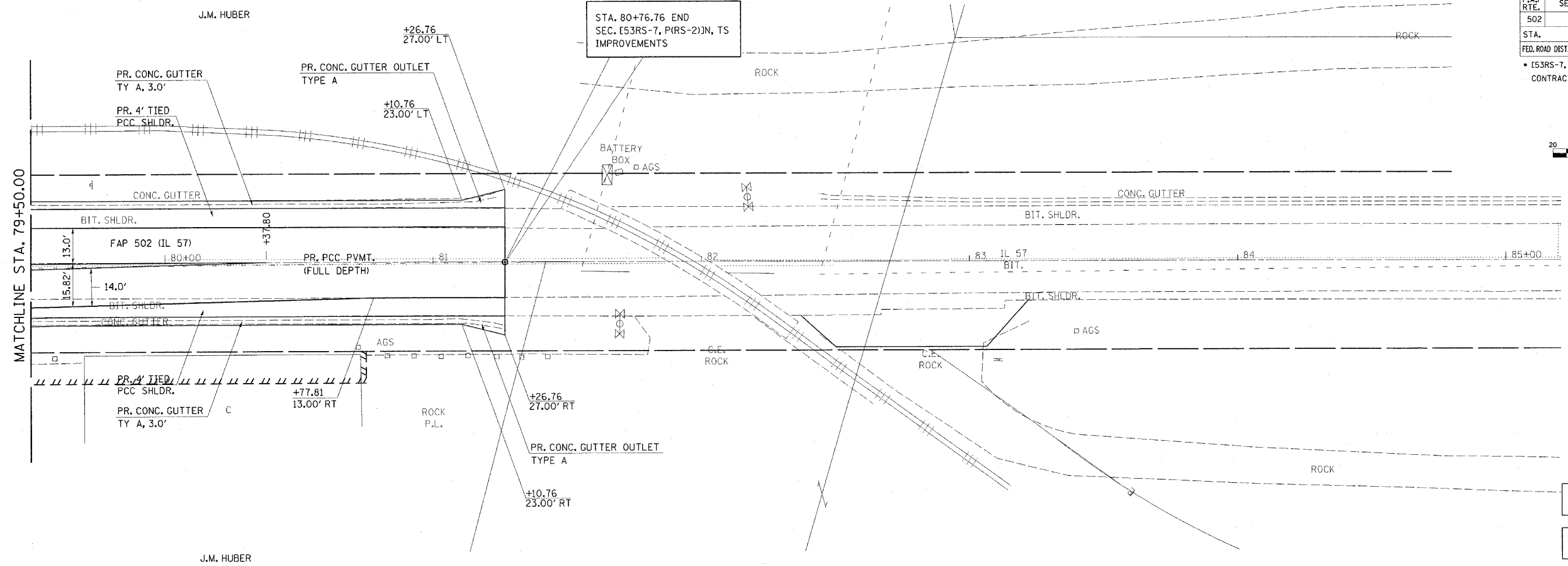
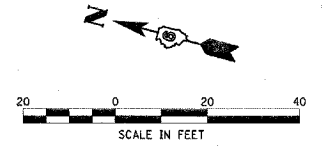


PLAN	DATE

PROFILE	DATE

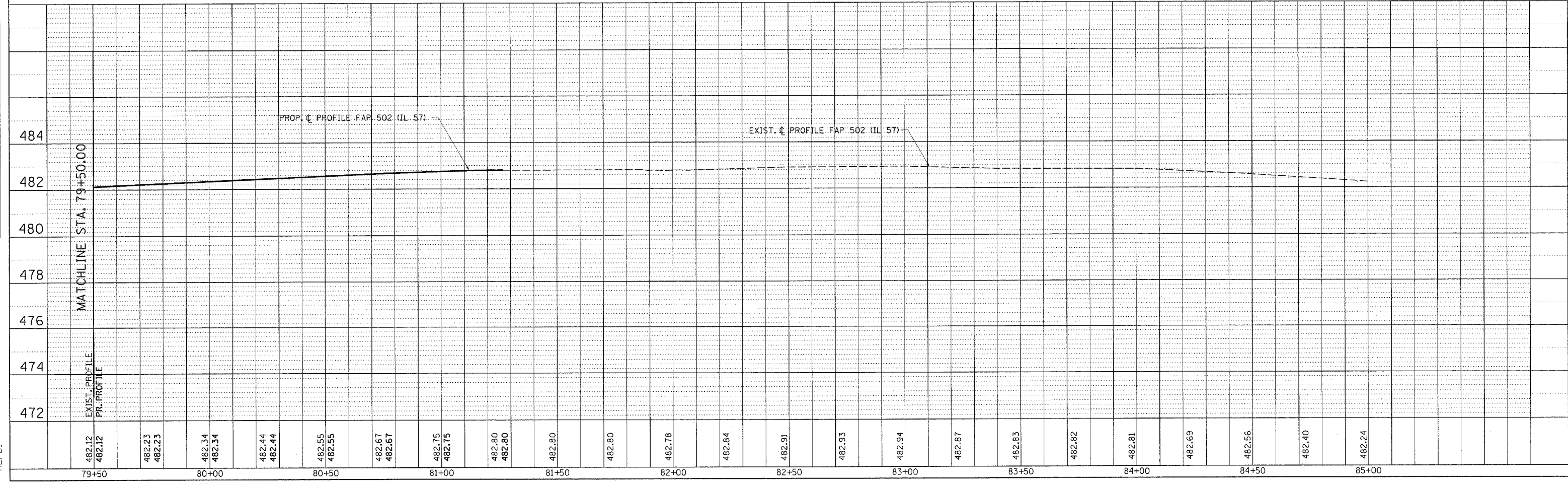
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 2/2/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	315	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• I53RS-7, PIRS-2)JN, TS				
CONTRACT NO. 72897				



SEE DRAINAGE P&Ps FOR DRAINAGE INFORMATION

SEE MEDIAN PLAN SHEETS FOR MEDIAN INFORMATION



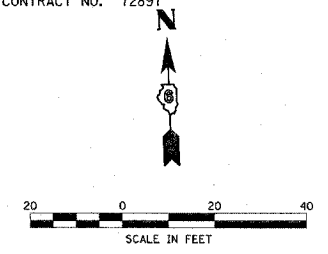
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79+50	80+00	80+50	81+00	81+50	82+00	82+50	83+00	83+50	84+00	84+50	85+00											

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 CHECKED: _____
 PLAN NO. _____
 DATE: _____

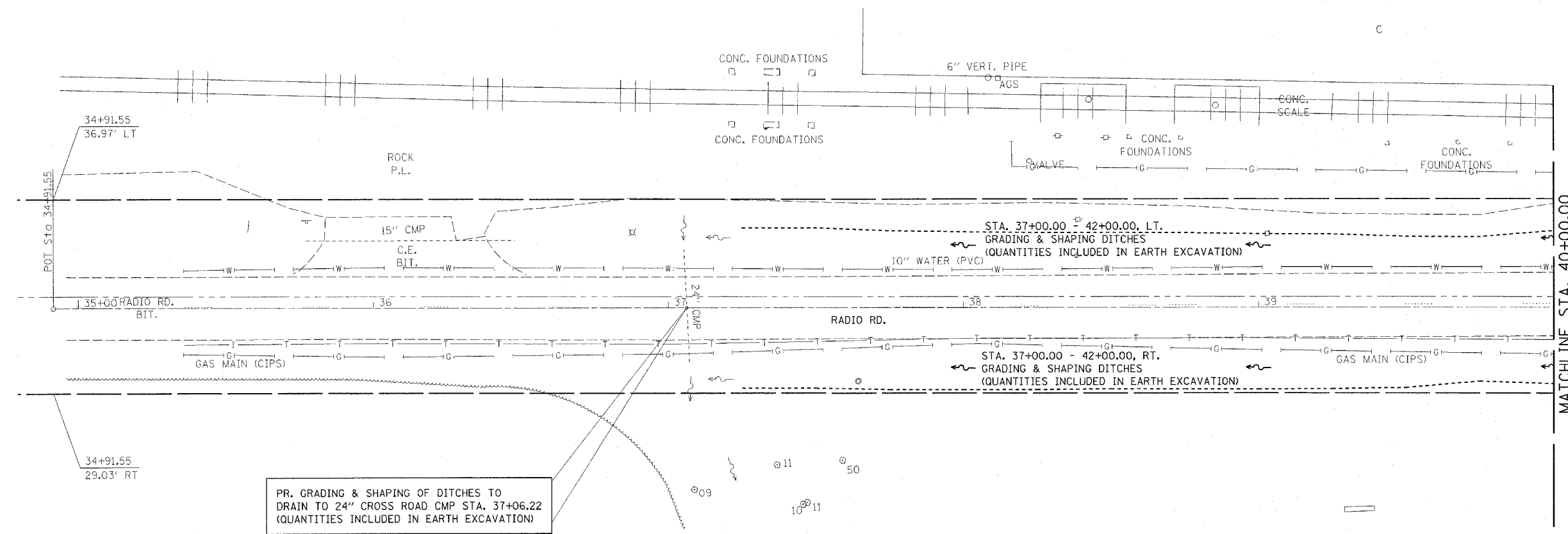
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	.	ADAMS	315	38
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (53RS-7, PIRS-2)JN, TS				
CONTRACT NO. 72897				



J.M. HUBER CORPORATION



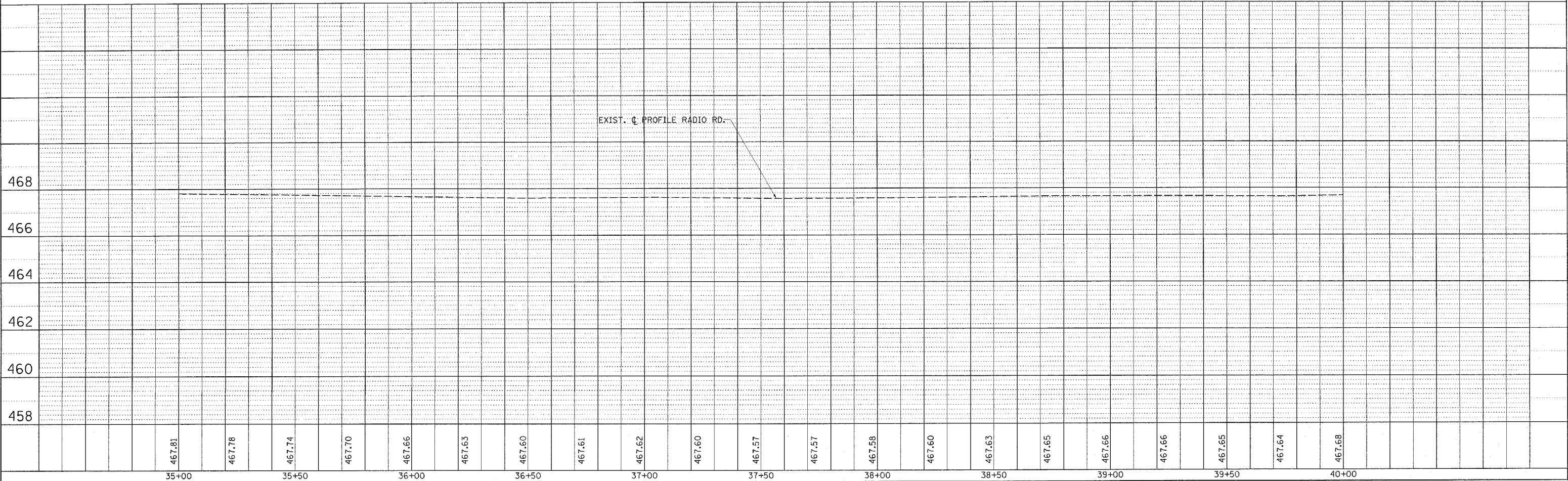
PR. GRADING & SHAPING OF DITCHES TO DRAIN TO 24\"/>

SEE DRAINAGE P&Ps FOR DRAINAGE INFORMATION

J.M. HUBER CORPORATION

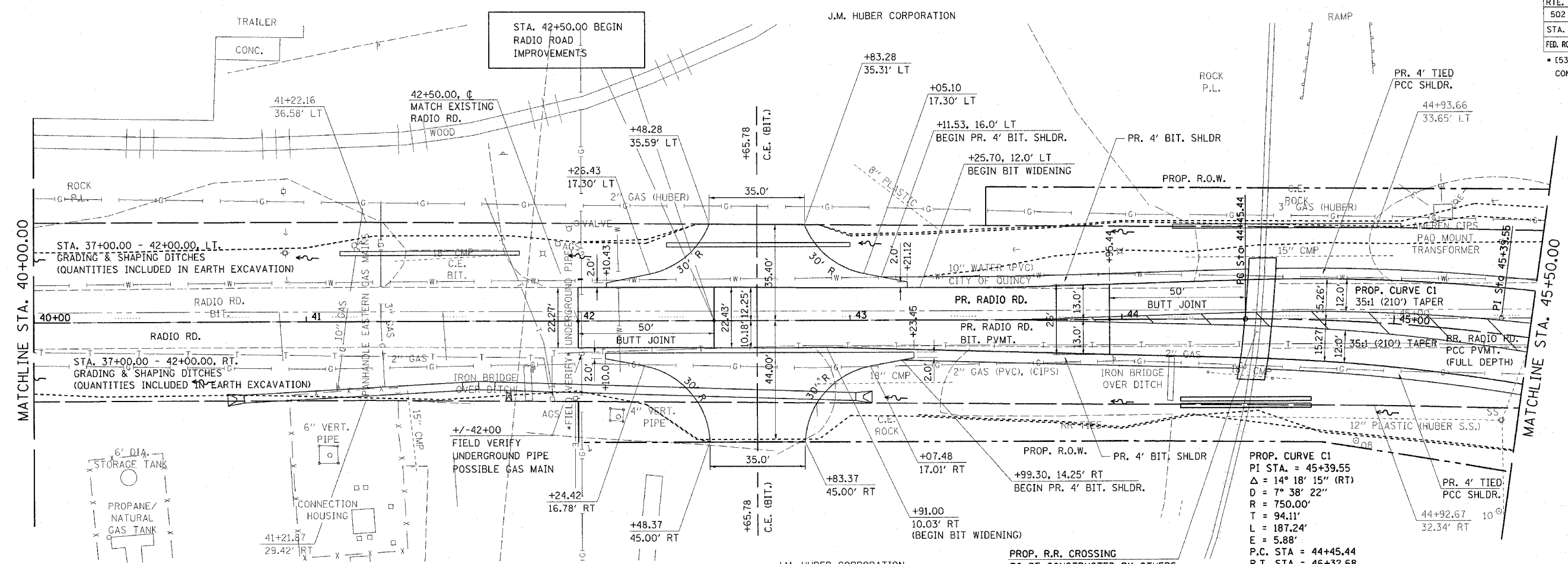
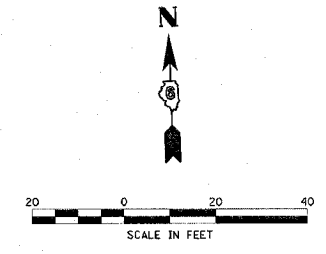
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 SURVEYED BY
 ALIGNMENT CHECKED
 NOTE BOOK NO.
 DATE

PROFILE
 SURVEYED BY
 GRADES CHECKED
 NOTE BOOK NO.
 DATE

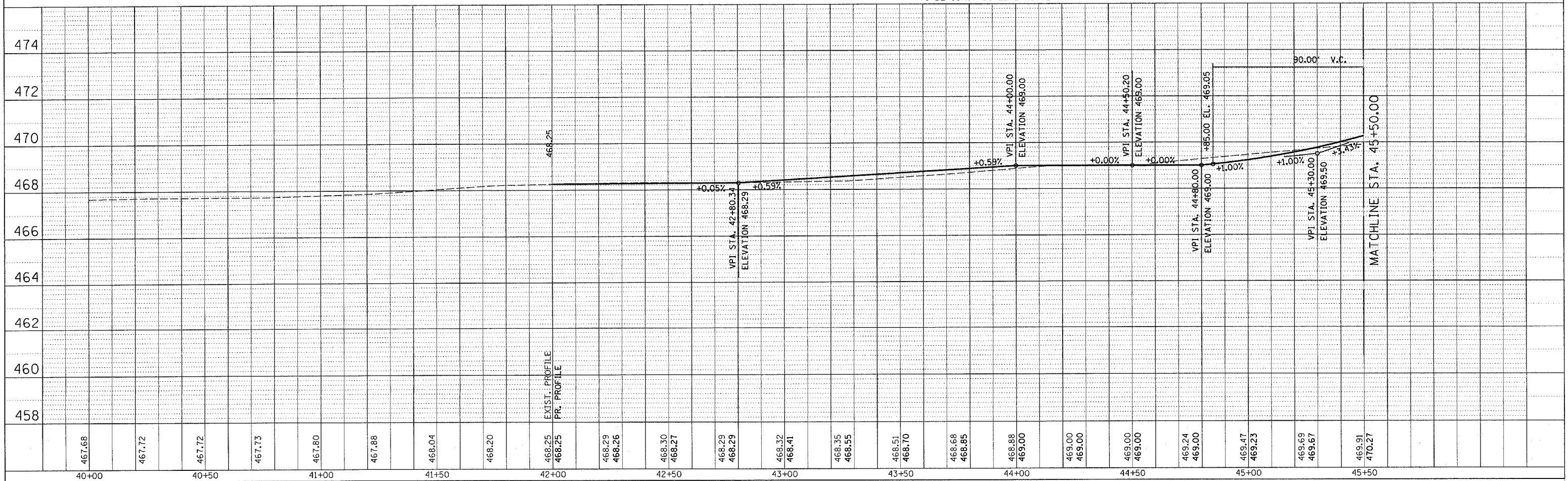


DGN-SPEC
 DATE-TIME
 *REF 01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	3/5	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (53RS-7, P(RS-2)JN, TS CONTRACT NO. 72897				



SEE DRAINAGE P&Ps FOR DRAINAGE INFORMATION

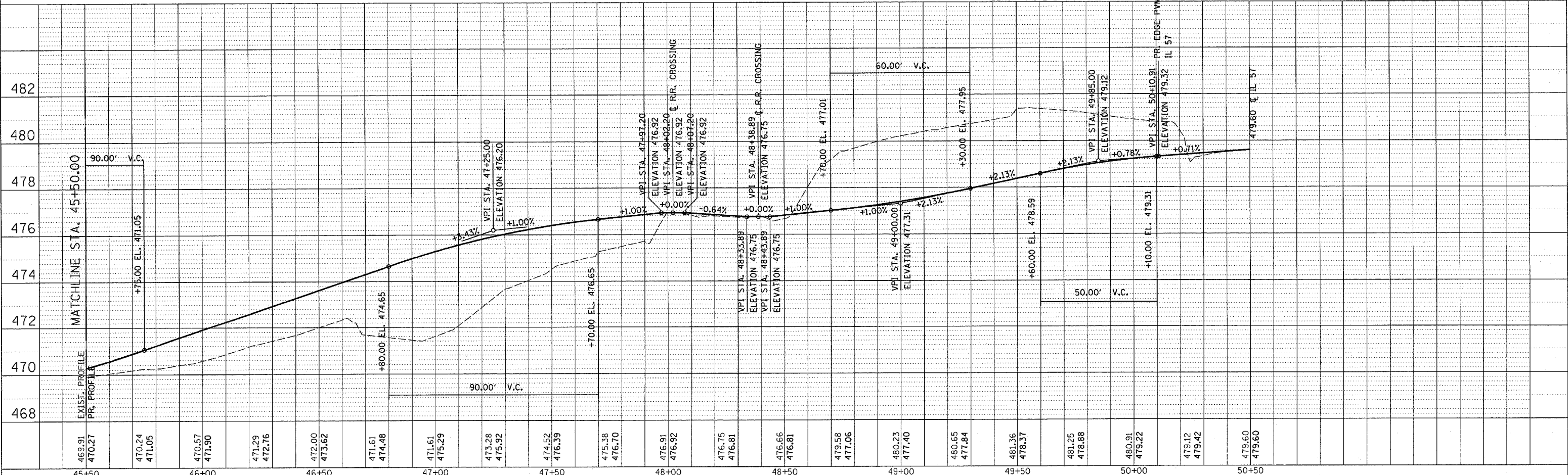
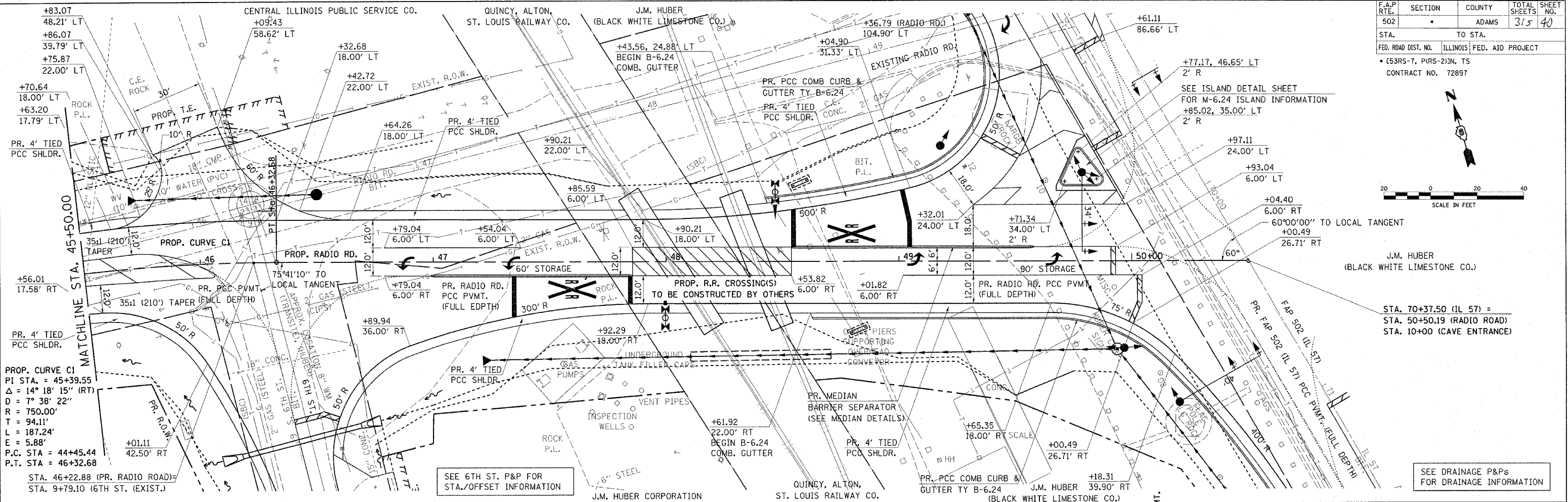
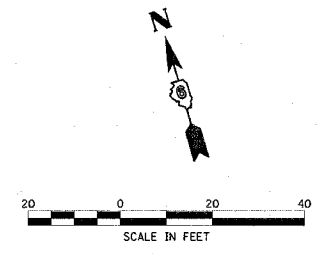


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	BY	
	NOTED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	BY	
	NOTED	
	BY	
	NO.	

CGN-SPEC
 DATE-TIME
 REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	.	ADAMS	315	40
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (53RS-7, PIRS-2)IN, TS				
CONTRACT NO. 72897				

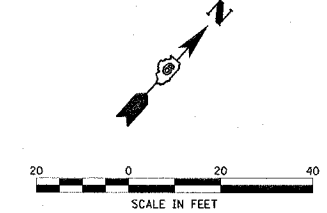


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DATE	BY

DGN-SPEC
 DATE-TIME
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	41
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (53RS-7, PIRS-2)IN, TS				
CONTRACT NO. 72897				

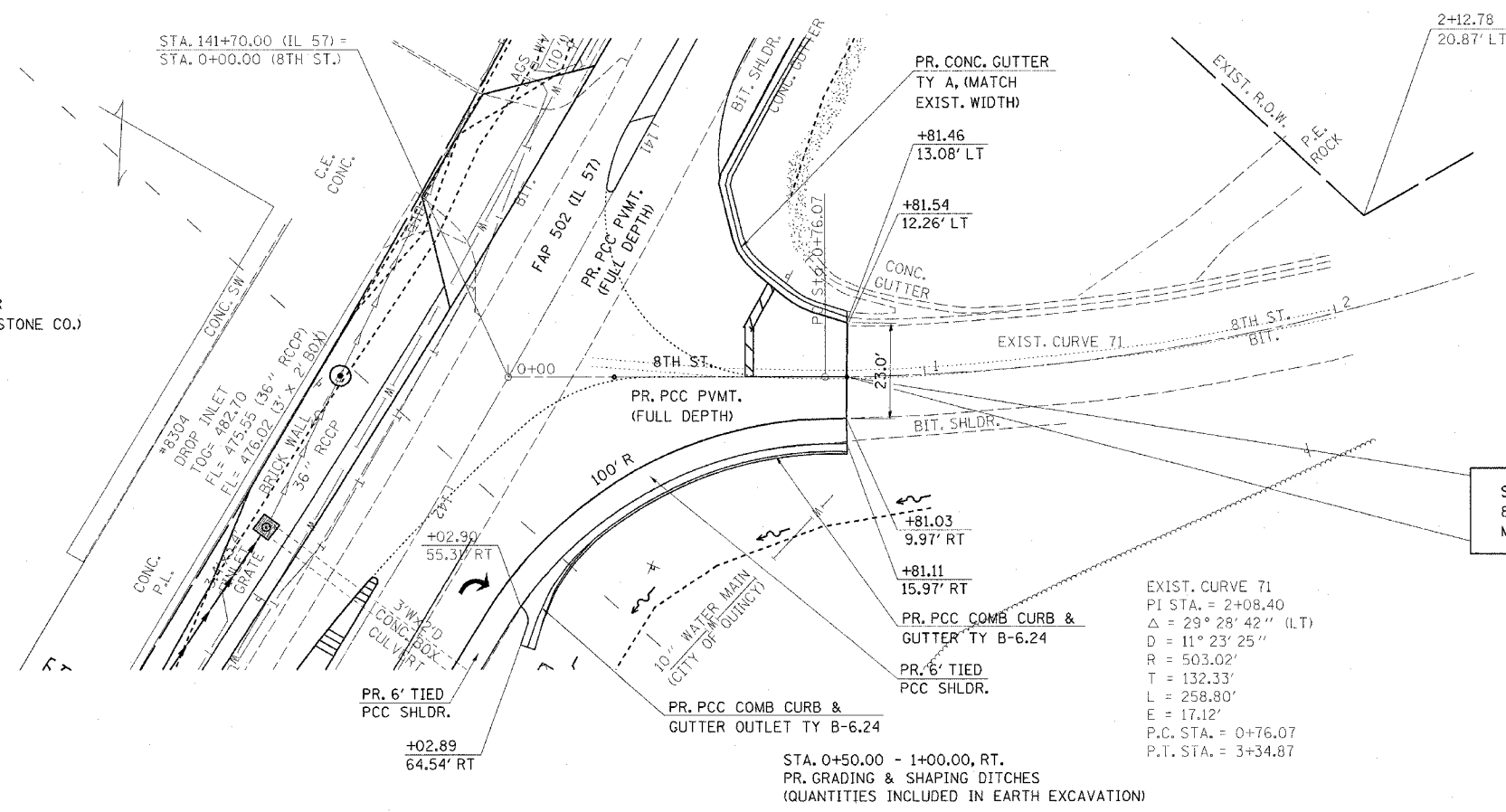


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 BY: _____
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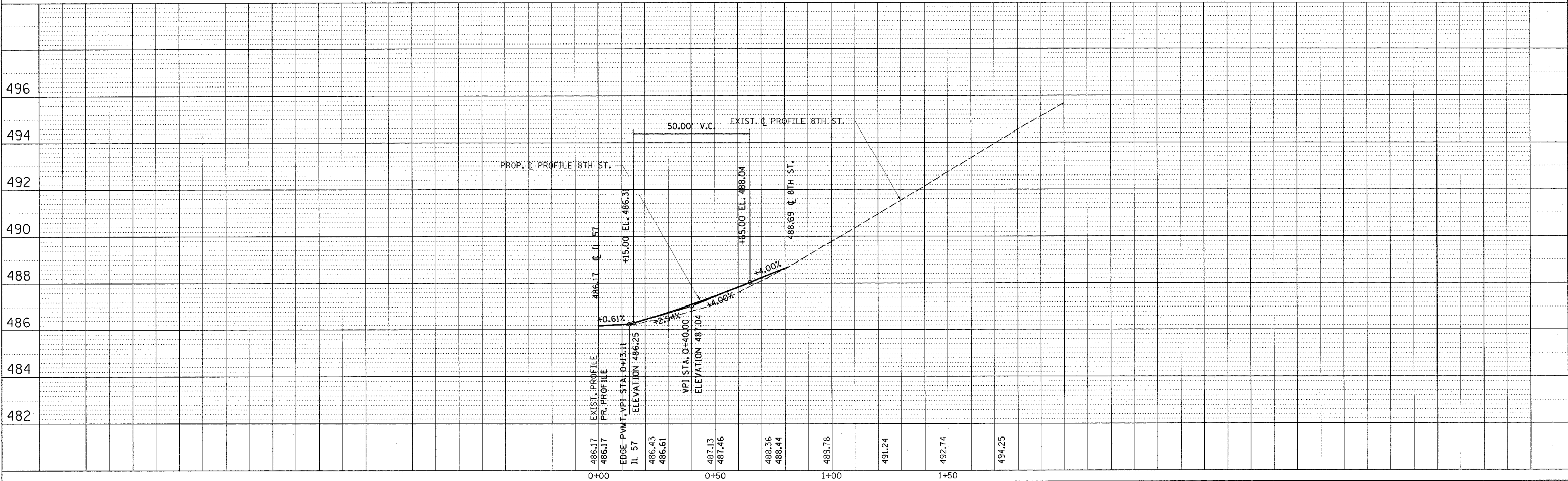
J.M. HUBER
 (BLACK WHITE LIMESTONE CO.)

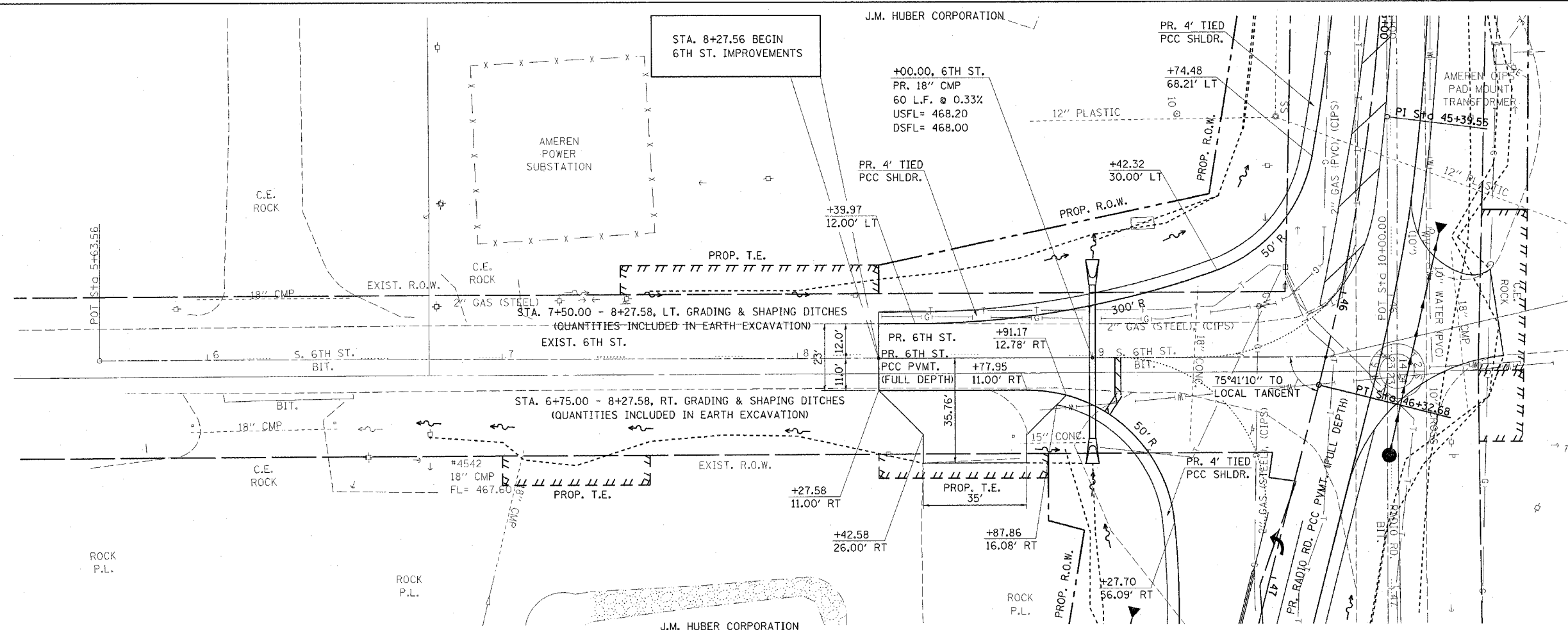


STA. 0+81.25 BEGIN
 8TH ST. IMPROVEMENTS
 MATCH EXISTING

SEE DRAINAGE P&Ps
 FOR DRAINAGE INFORMATION

STA. 0+50.00 - 1+00.00, RT.
 PR. GRADING & SHAPING DITCHES
 (QUANTITIES INCLUDED IN EARTH EXCAVATION)



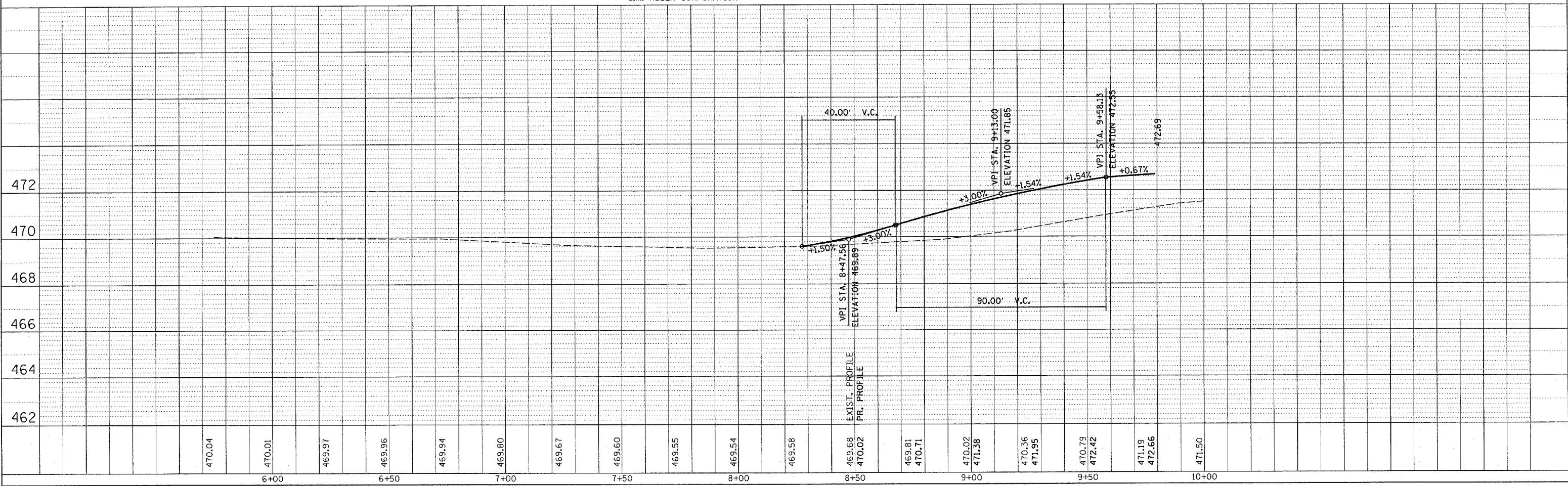


STA. 46+22.88 (PR. RADIO ROAD)=
STA. 9+79.10 (6TH ST. (EXIST.))

SEE DRAINAGE P&Ps
FOR DRAINAGE INFORMATION

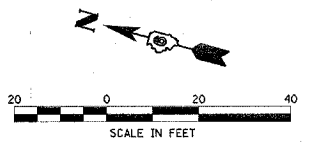
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 SURVEYED: _____
 PLAN: _____
 NOTE BOOK: _____
 NO. _____

DATE: _____ BY: _____
 SURVEYED: _____
 PROFILE: _____
 NOTE BOOK: _____
 NO. _____



DGN-SPEC
 DATE-TIME
 *REF01

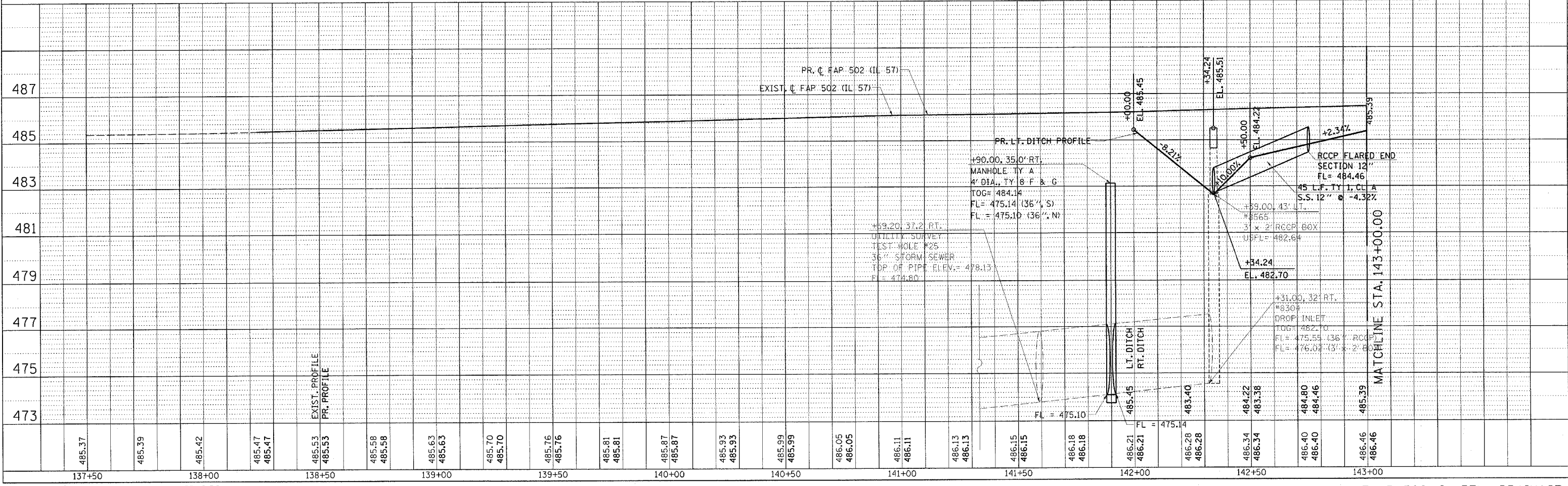
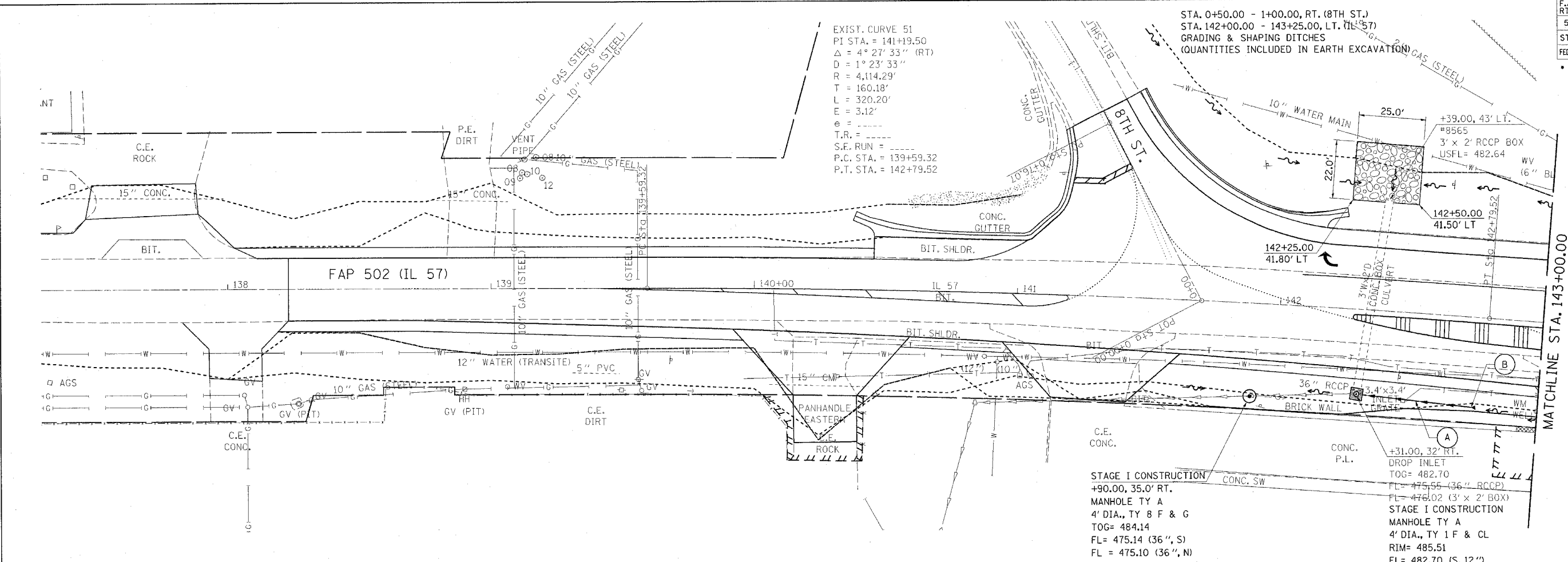
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STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		• 153RS-7, P1RS-2)N, TS		
		CONTRACT NO. 72897		

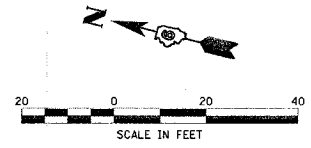


DATE	BY	REVISION

DATE	BY	REVISION

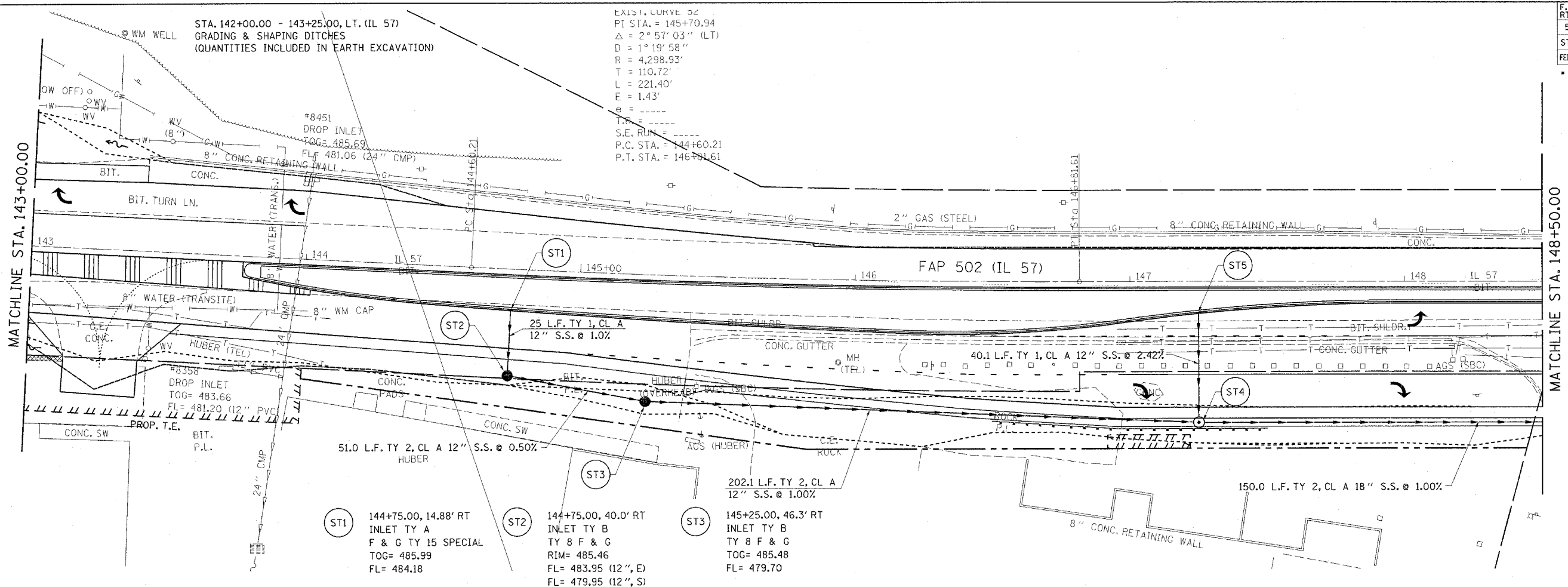
c:\projects\653004\653004.dwg.dgn
2/3/2005
*REF 01





EXIST. CURVE 22
 PI STA. = 145+70.94
 $\Delta = 2^\circ 57' 03''$ (LT)
 $D = 1^\circ 19' 58''$
 $R = 4,298.93'$
 $T = 110.72'$
 $L = 221.40'$
 $E = 1.43'$
 $\epsilon =$
 $T.P. =$
 $S.E. RUN =$
 $P.C. STA. = 144+60.21$
 $P.T. STA. = 146+91.61$

STA. 142+00.00 - 143+25.00, LT. (IL 57)
 GRADING & SHAPING DITCHES
 (QUANTITIES INCLUDED IN EARTH EXCAVATION)



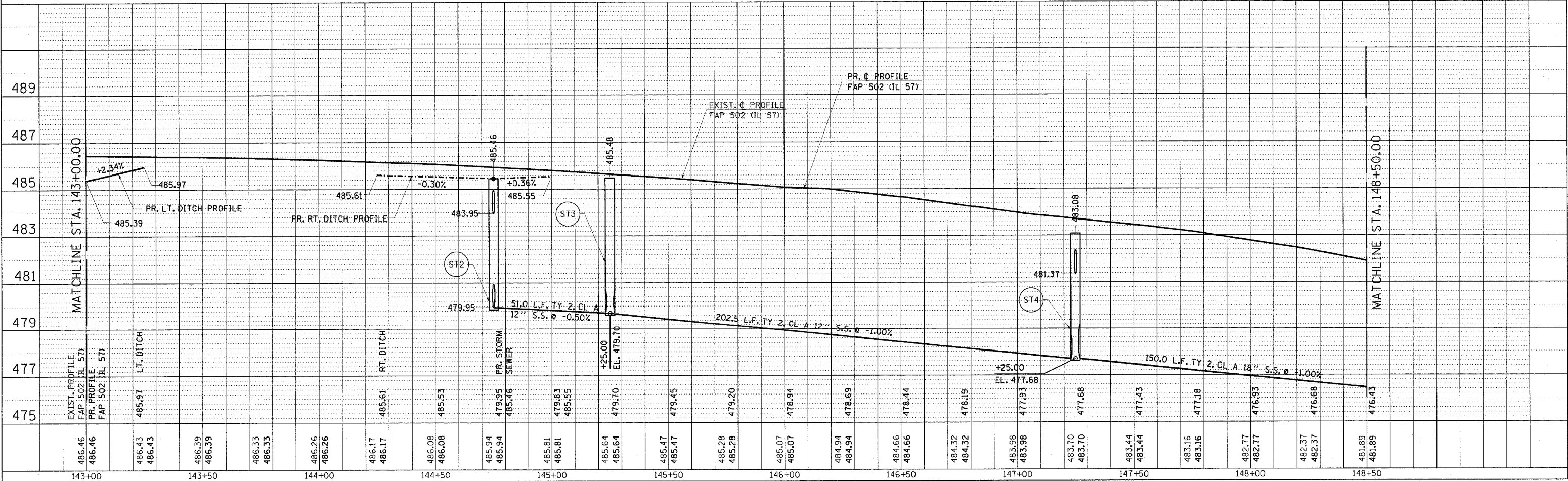
- ST5 147+25.00, 11.4' RT
INLET TY A
F & G TY 15 SPECIAL
TOG= 483.70
FL= 481.75
- ST4 147+25.00, 51.50' RT
MANHOLE TY A
4' DIA., TY 9 F & G
RIM= 483.08
FL= 481.37 (E)
FL= 477.68 (N,S)

- ST1 144+75.00, 14.88' RT
INLET TY A
F & G TY 15 SPECIAL
TOG= 485.99
FL= 484.18
- ST2 144+75.00, 40.0' RT
INLET TY B
TY 8 F & G
RIM= 485.46
FL= 483.95 (12", E)
FL= 479.95 (12", S)
- ST3 145+25.00, 46.3' RT
INLET TY B
TY 8 F & G
TOG= 485.48
FL= 479.70

DATE	BY	REVISION

DATE	BY	REVISION

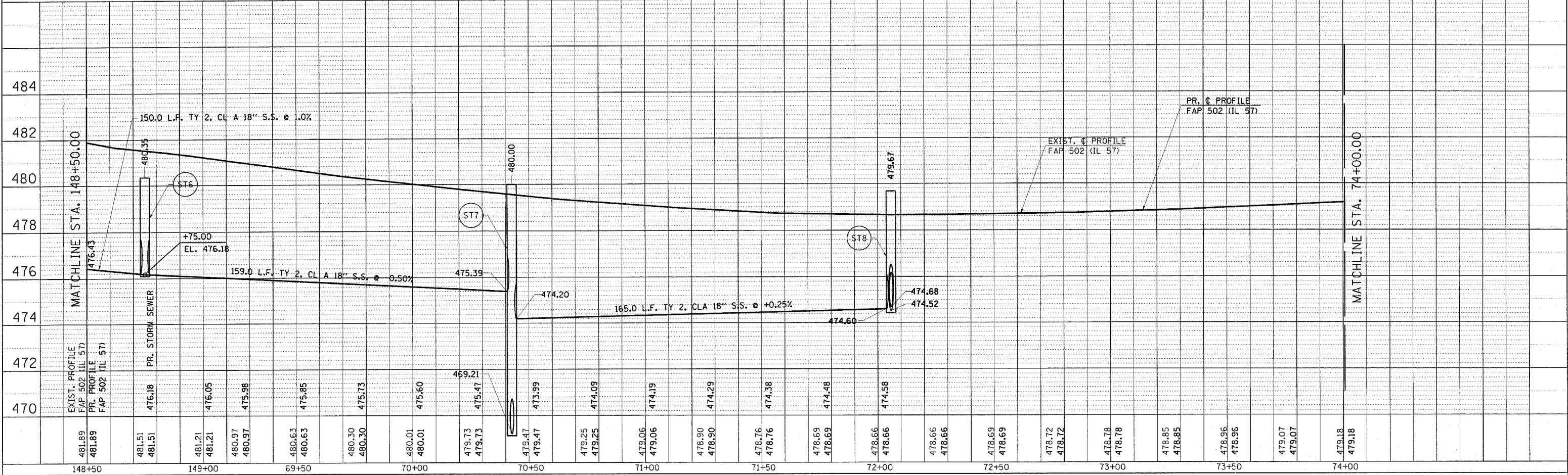
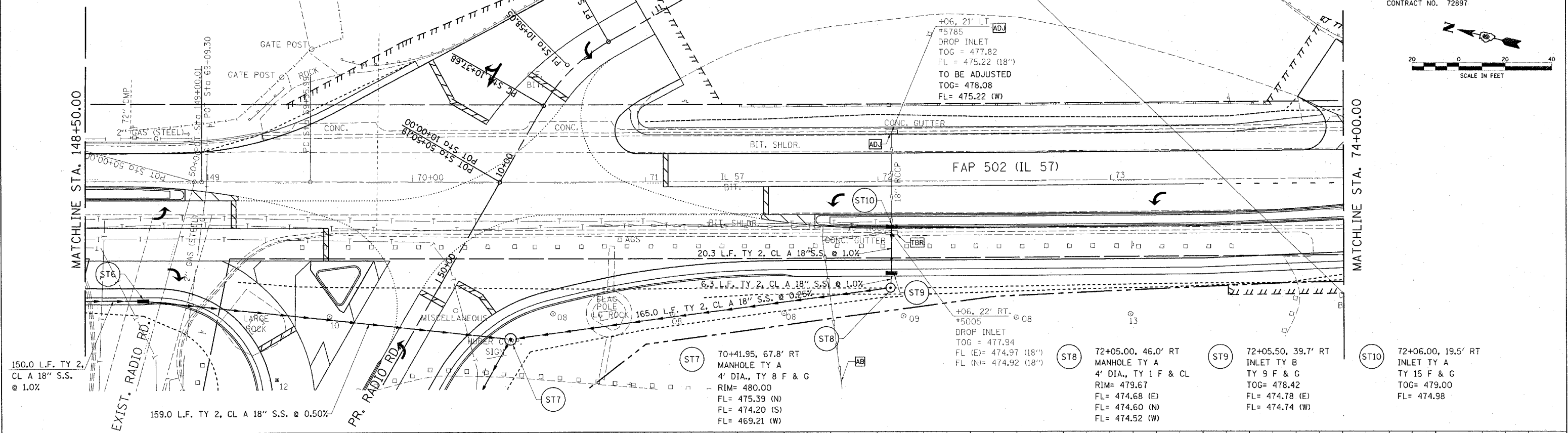
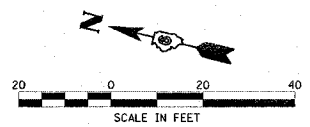
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 2/3/2005
 *REF01



ST6 148+75.00, 58.5' RT
 INLET TY B
 TY 8 F & G
 TOG= 480.35
 FL= 476.18

BIT.
 T.R. =
 S.E. RUN =
 P.C. STA. = 69+55.99
 P.T. STA. = 77+55.96

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	45
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (53RS-7, PIRS-2)IN, TS				
CONTRACT NO. 72897				

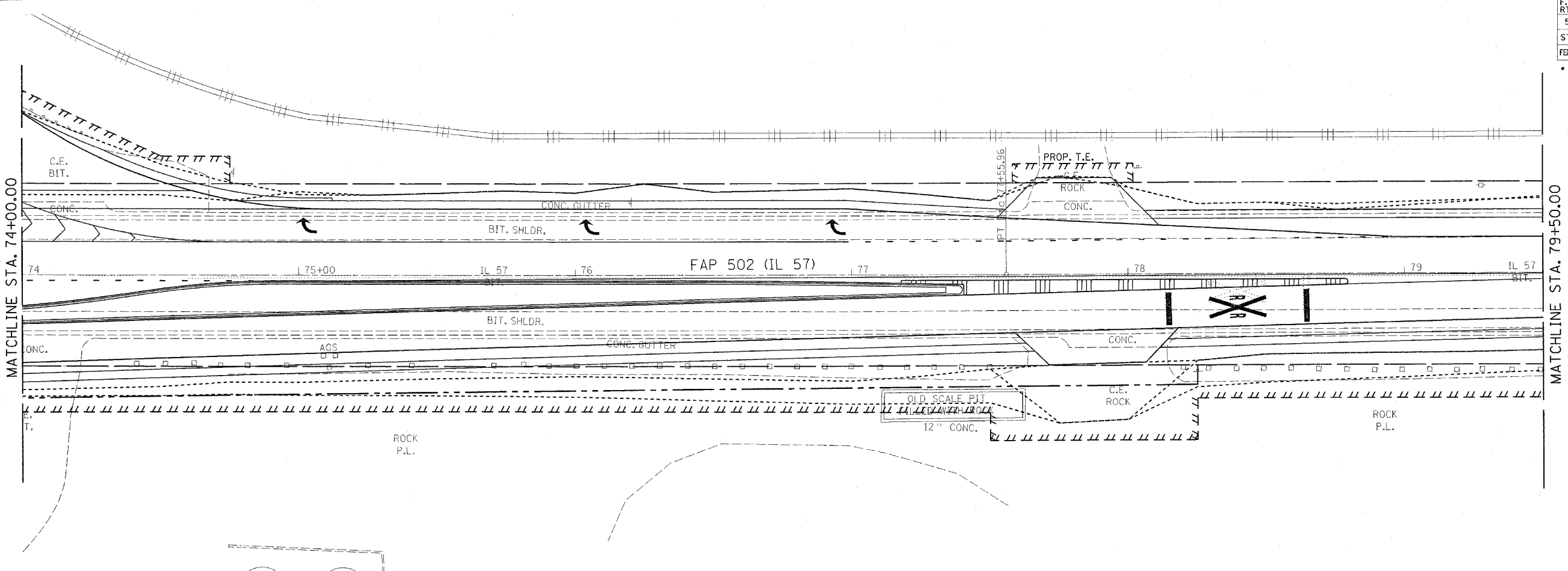
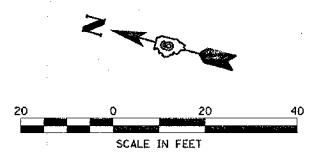


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DATE	
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PROFILE	
NO.	
NO.	
NO.	
NO.	

DGN-SPEC
 DATE-TIME
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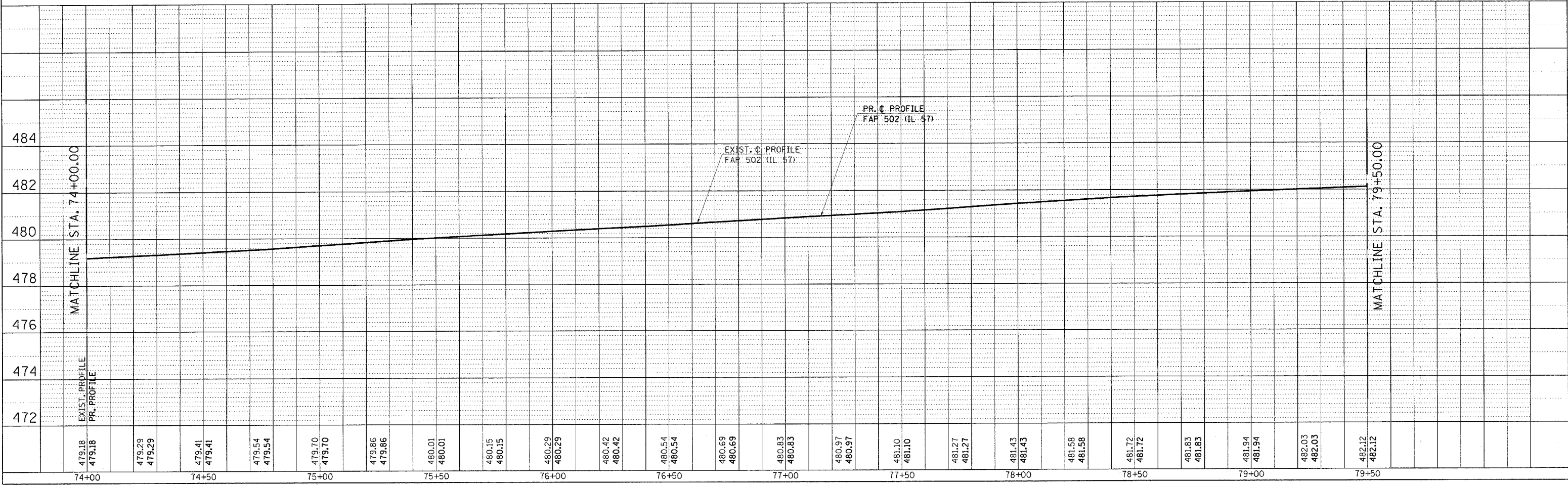
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502		ADAMS	315	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (53RS-7, PIRS-2) IN, TS				
CONTRACT NO. 72897				



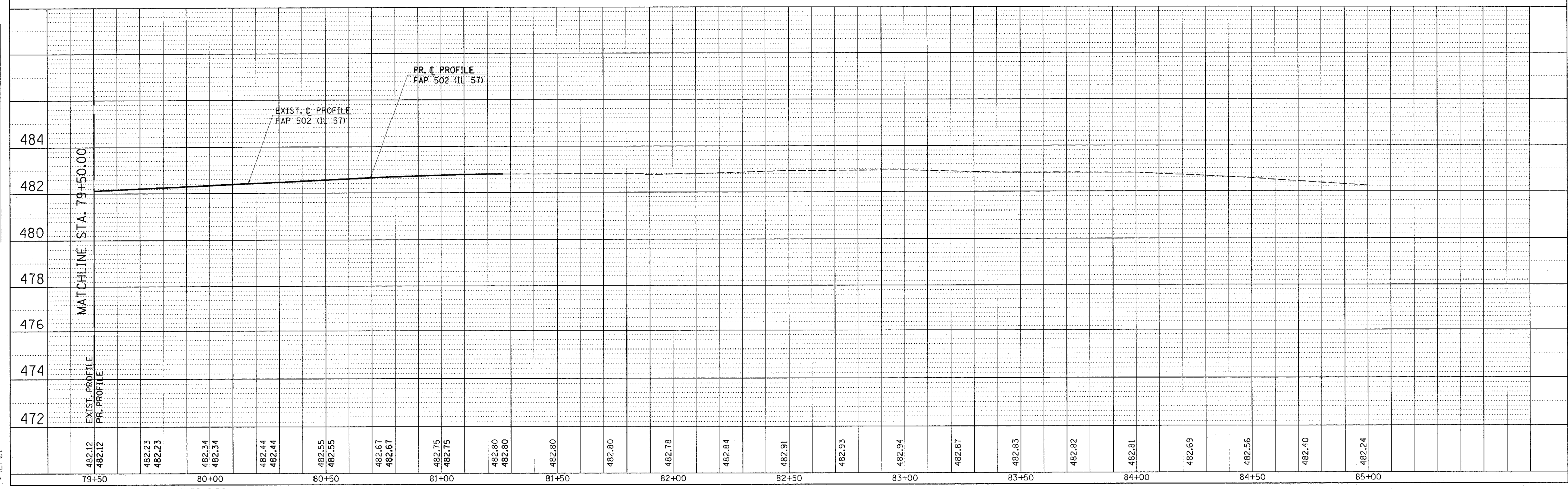
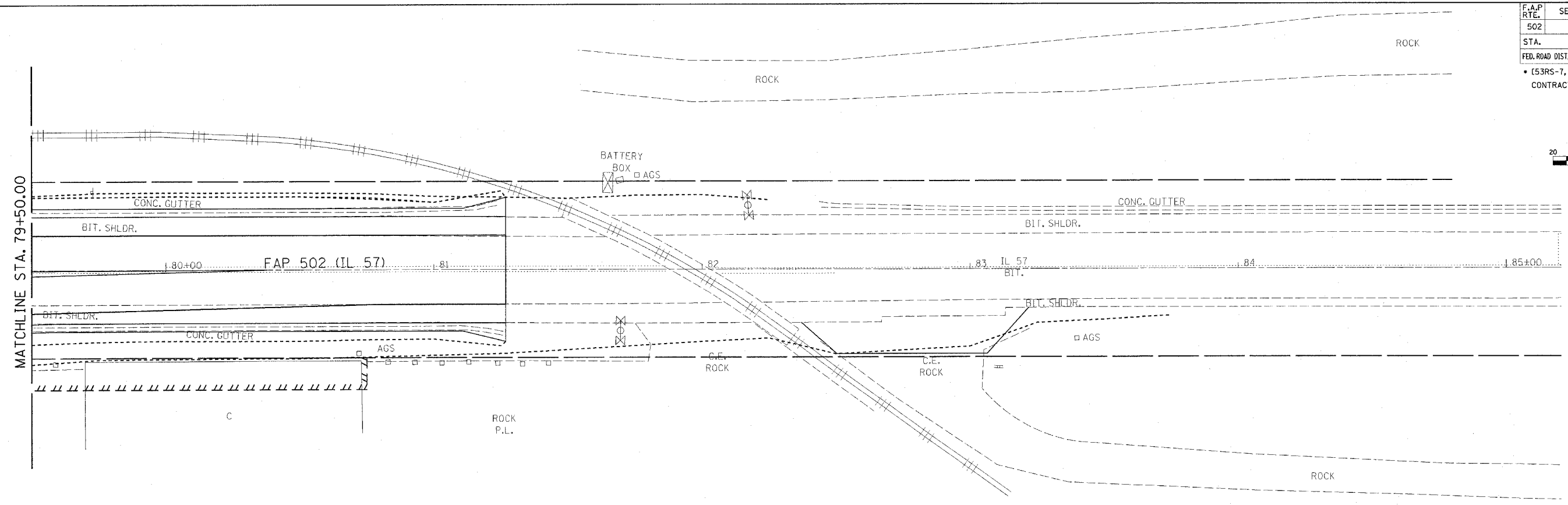
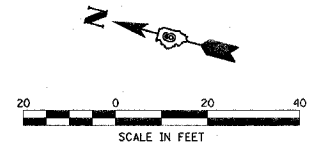
DATE	BY
DATE	BY
DATE	BY

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 2/3/2005
 *REF01



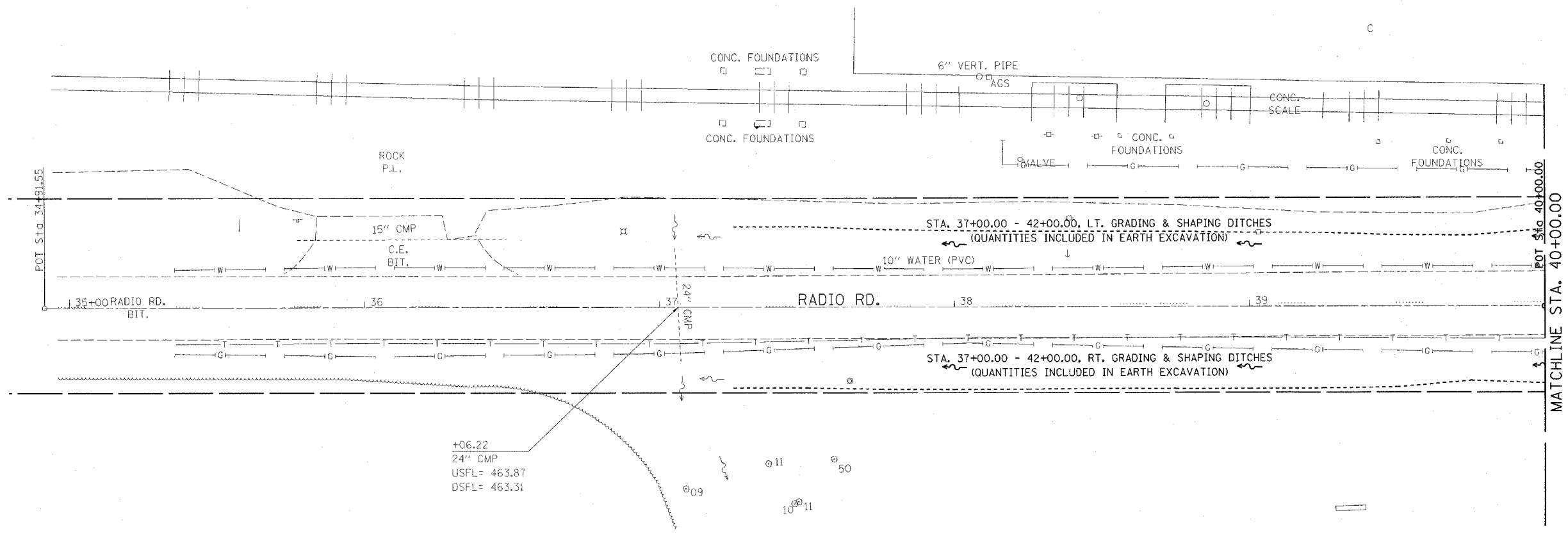
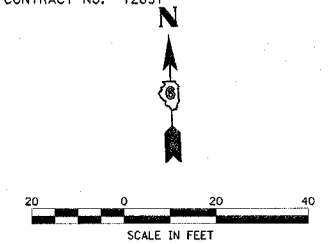
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (53RS-7, PIRS-2)IN, TS				
CONTRACT NO. 72897				



DATE	BY
DATE	BY
DATE	BY

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DATE	BY
DATE	BY

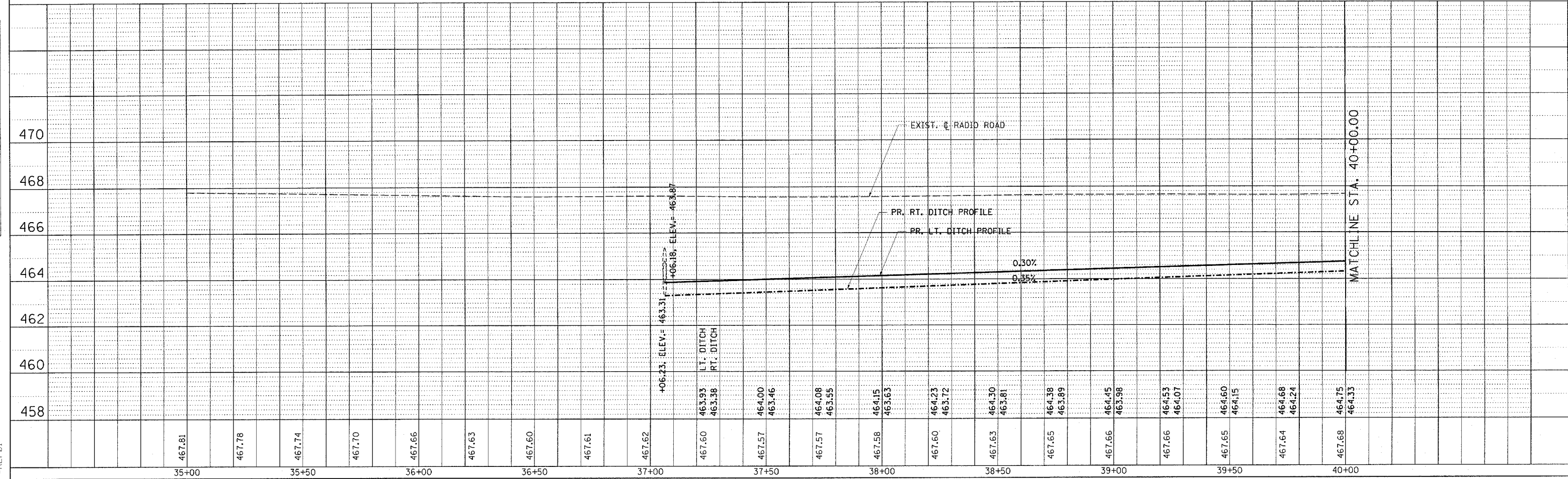
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 2/3/2005
 *REF 01



+06.22
24" CMP
USFL = 463.87
DSFL = 463.31

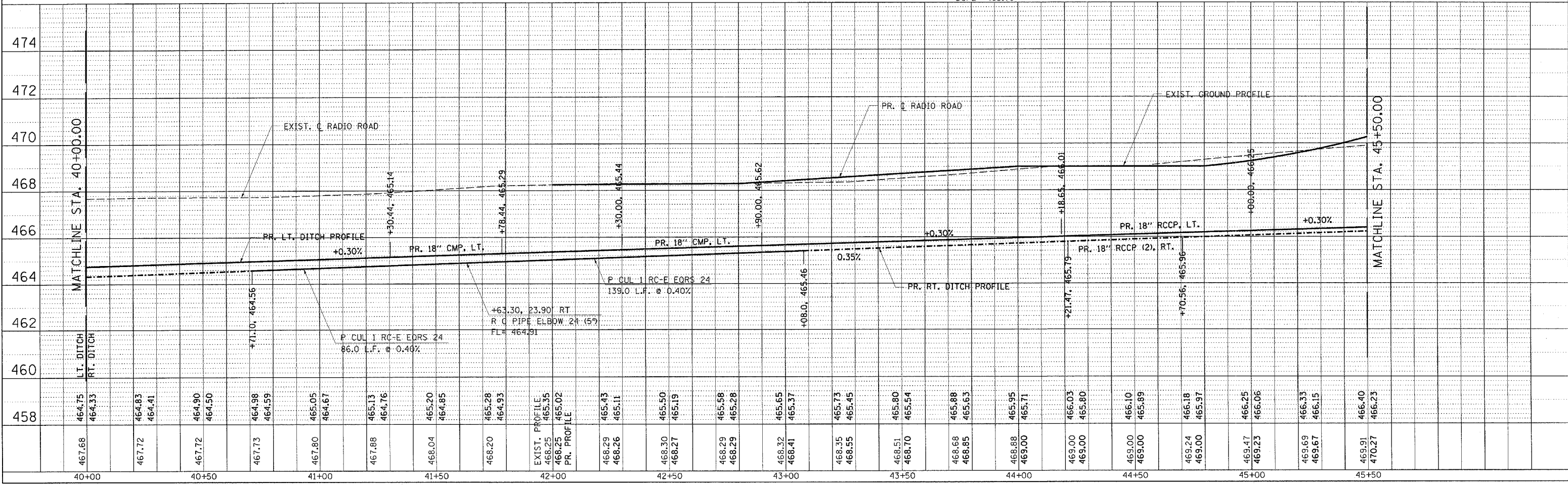
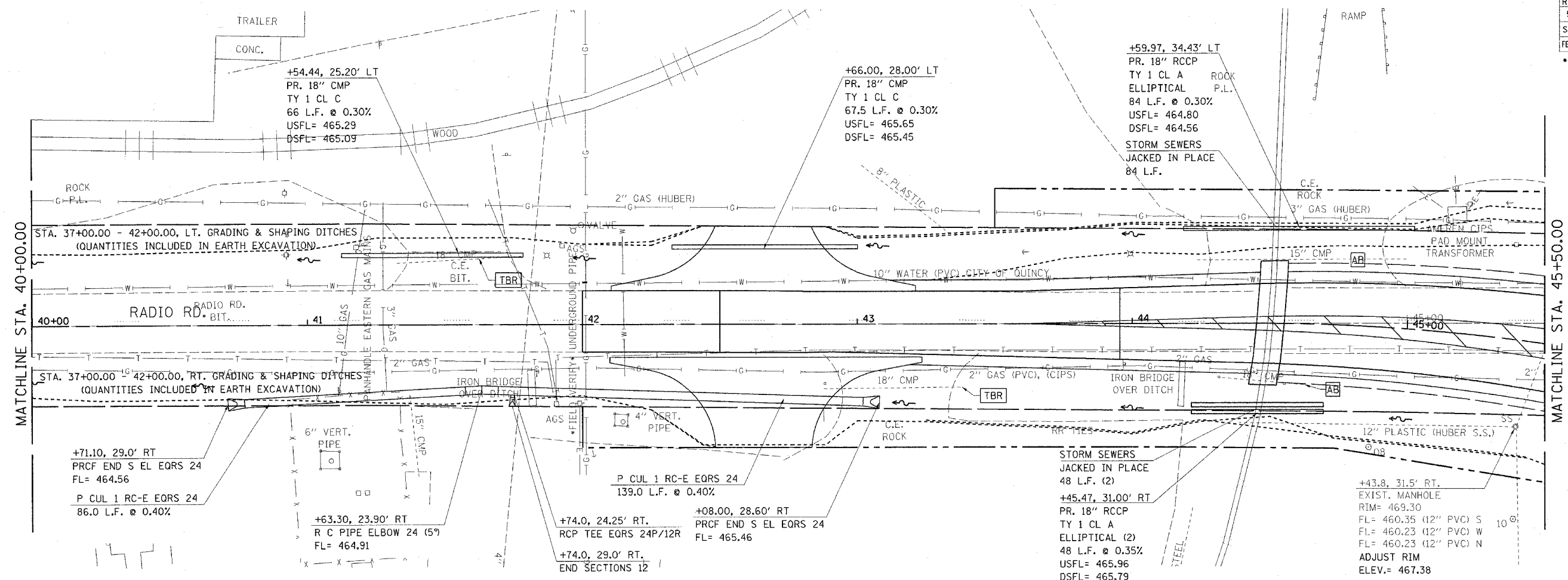
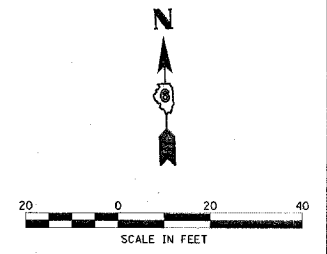
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 PLAN: _____
 NOTE BOOK: _____
 NO. OF SHEETS: _____
 NO. OF SHEETS CHECKED: _____
 NO. OF SHEETS NOT CHECKED: _____

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 NO. OF SHEETS: _____
 NO. OF SHEETS CHECKED: _____
 NO. OF SHEETS NOT CHECKED: _____



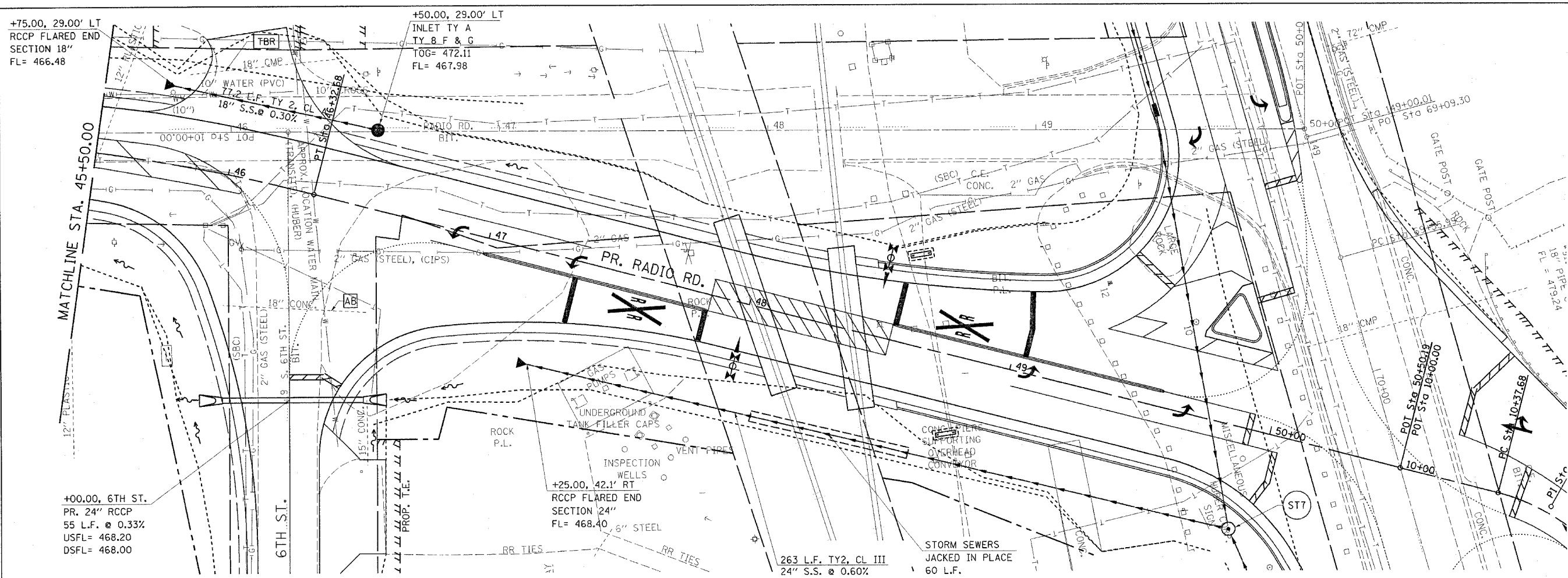
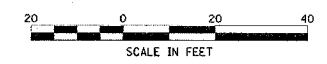
DGN-SPEC
 DATE-TIME
 REF01

F.A.P. RTE. 502	SECTION *	COUNTY ADAMS	TOTAL SHEETS 315	SHEET NO. 49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (53RS-7, PIRS-2) IN, TS				
CONTRACT NO. 72897				

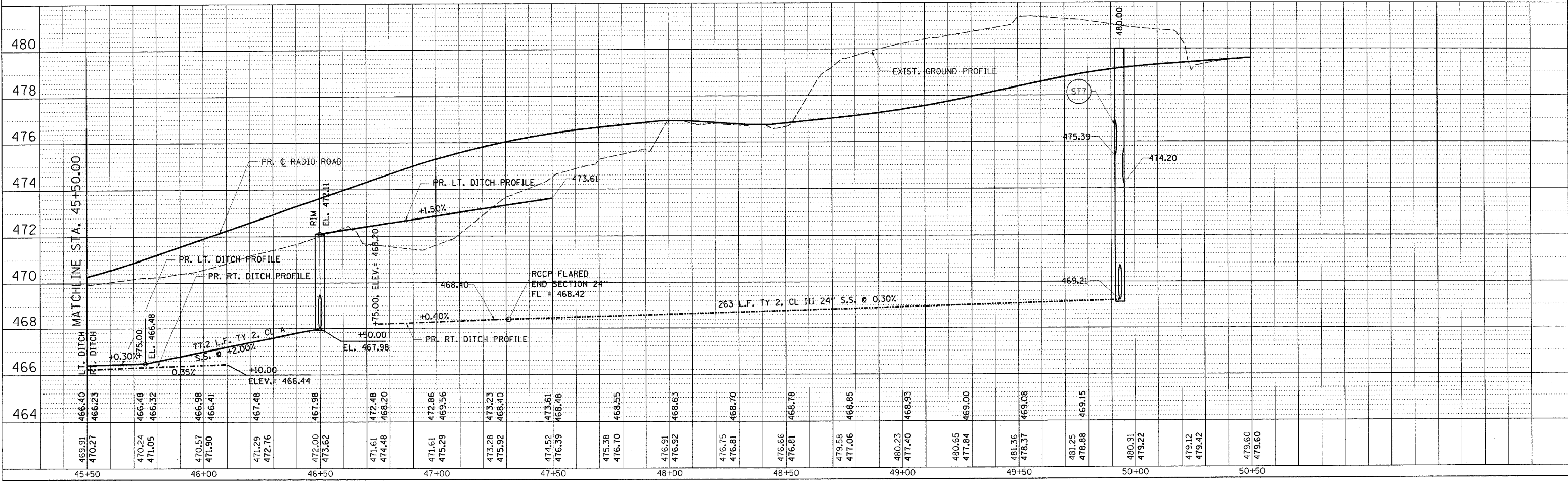


DGN-SPEC * DATE-TIME * REF 01
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 PLAN CHECKED BY: []
 NOTE BOOK NO.: []
 DATE: []
 GRADES CHECKED BY: []
 STRUCTURE NOTATIONS CHKD BY: []

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (53RS-7, PIRS-2)IN, TS				
CONTRACT NO. 72897				



ST7 70+41.95, 67.8' RT (IL 57) =
 49+93.69, 37.77' RT. (PR. RADIO RD.)
 MANHOLE TY A
 4' DIA., TY 8 F & G
 RIM= 480.00
 FL= 475.39 (N)
 FL= 474.20 (S)
 FL= 469.21 (W)

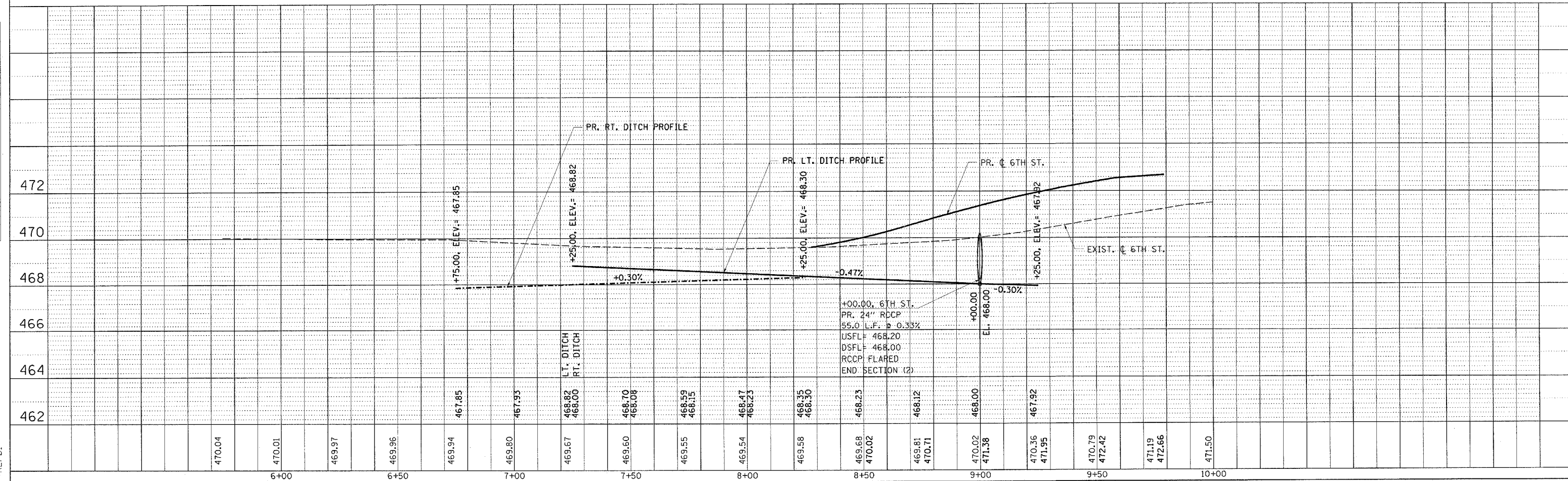
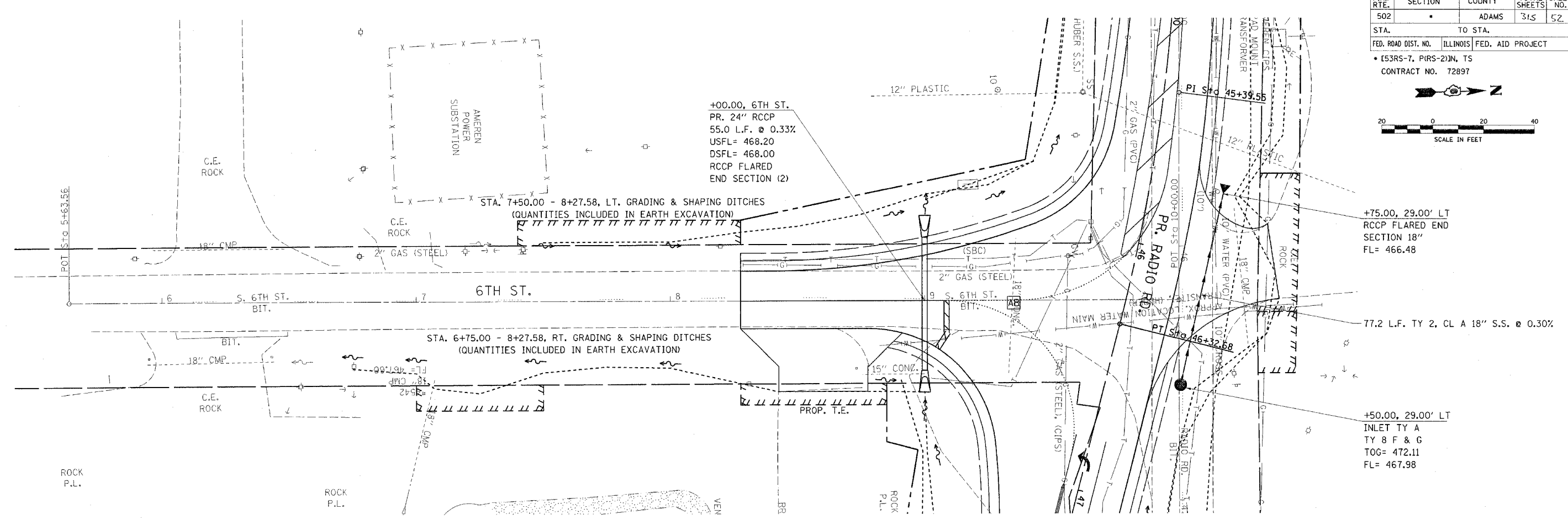
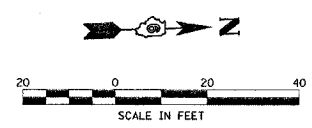


DATE	BY	SURVEYED
		ALIGNED
		CHECKED
		NOTE BOOK
		NO. _____
		ROAD FILE NAME
		NO. _____

DATE	BY	PROFILE
		SURVEYED
		GRADES
		CHECKED
		NOTE BOOK
		NO. _____
		STRUCTURE NOTATIONS
		NO. _____

DGN-SPEC
 DATE-TIME
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	52
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (53RS-7, PIRS-2)JN, TS				
CONTRACT NO. 72897				



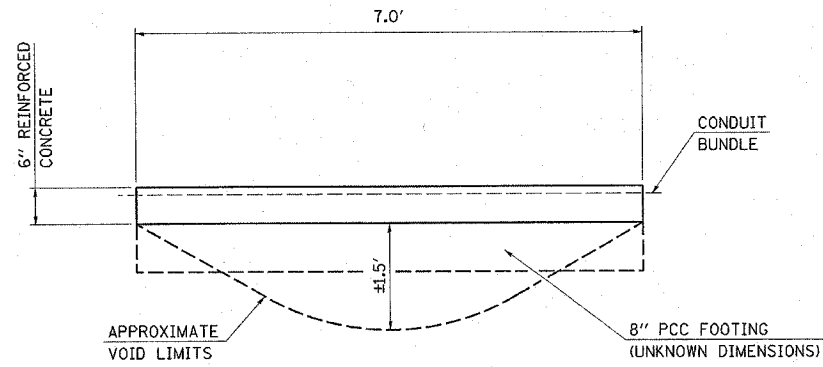
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DCN-SPEC
 DATE-TIME
 *REF 01

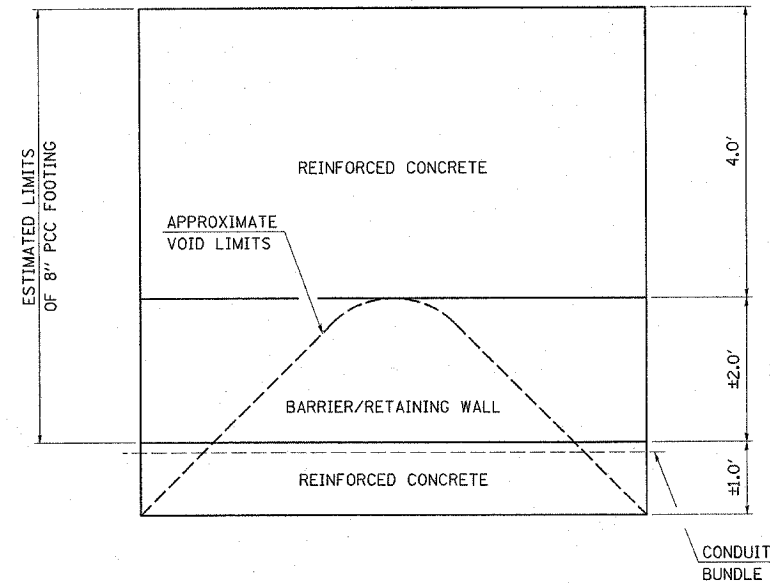
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	3/5	52A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* (53RS-7, P(RS-2))N, TS
CONTRACT NO. 72897



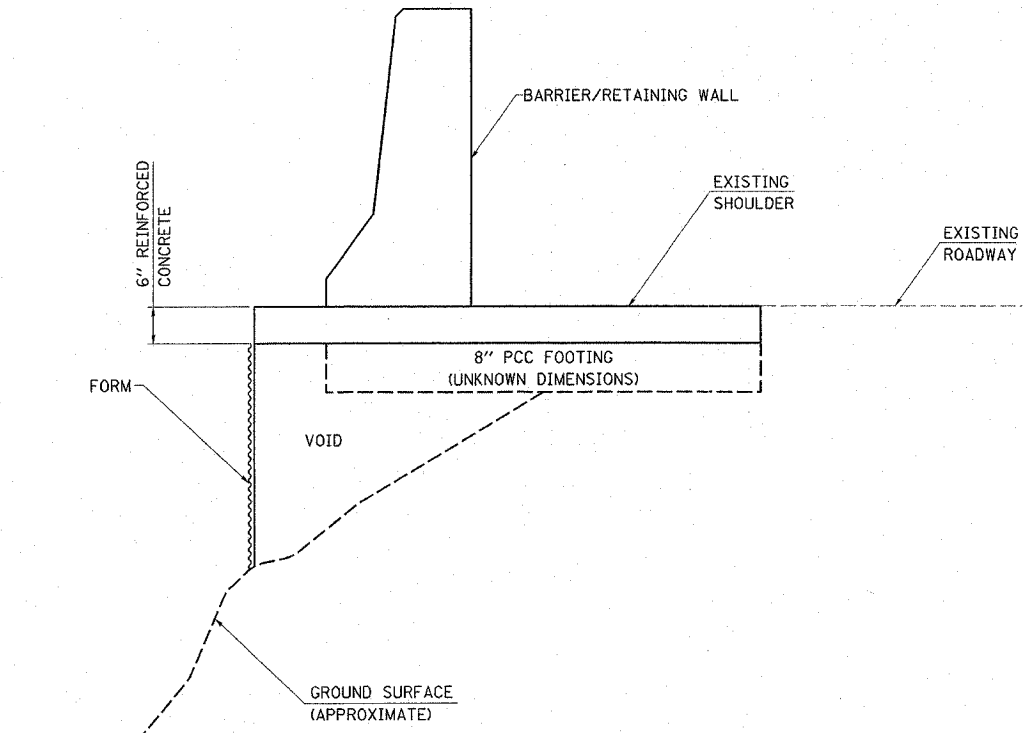
ELEVATION

FAP 502 (IL 57)
STA. 148+53.00, LT.
4:1 SCALE



PLAN

FAP 502 (IL 57)
STA. 148+53.00, LT.
4:1 SCALE



LOOKING SOUTH

FAP 502 (IL 57)
STA. 148+53.00, LT.
4:1 SCALE

PLOT DATE = 4/21/2005
FILE NAME = c:\p\projects\ad653804\grout\repair\detail.dgn
PLOT SCALE = 5/8\"/>

Added Sheet 4-21-05

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GROUT REPAIR DETAIL

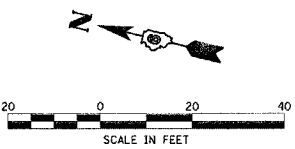
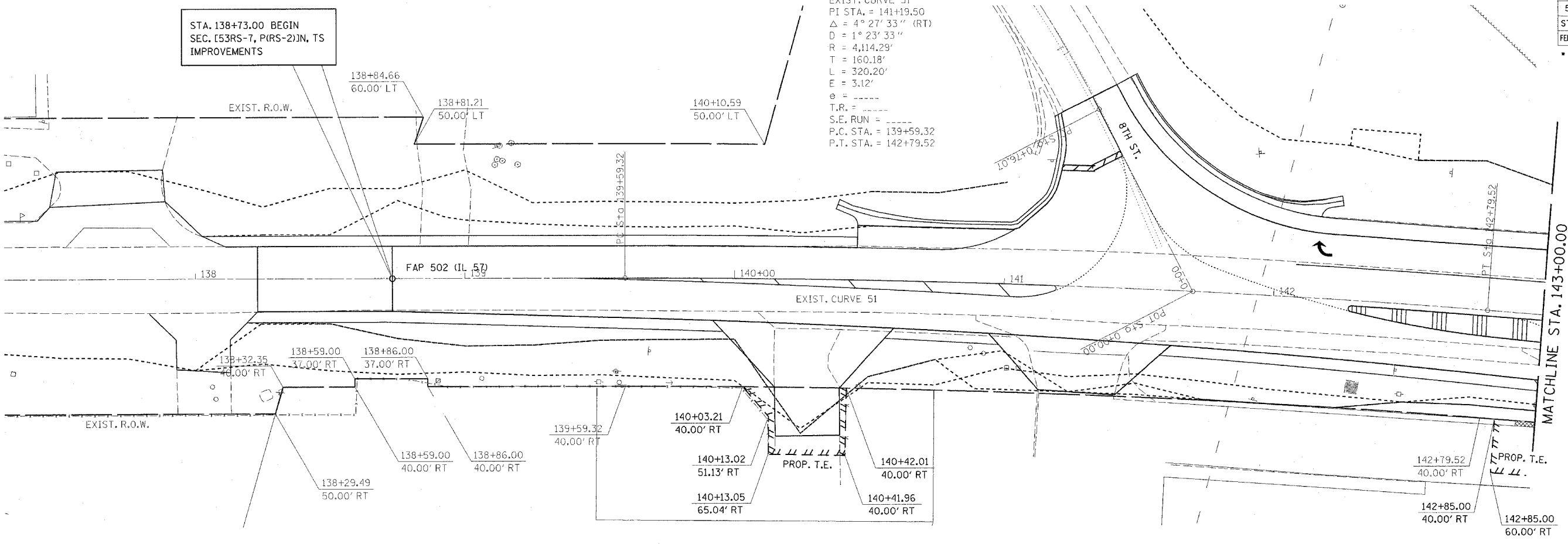
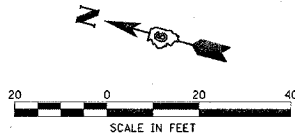
FAP 502 (IL 57) & RADIO ROAD
SECTION (53RS-7, P(RS-2)) N, TS
ADAMS COUNTY
QUINCY, IL

SCALE: VERT.
HORIZ.
DATE 04-21-05

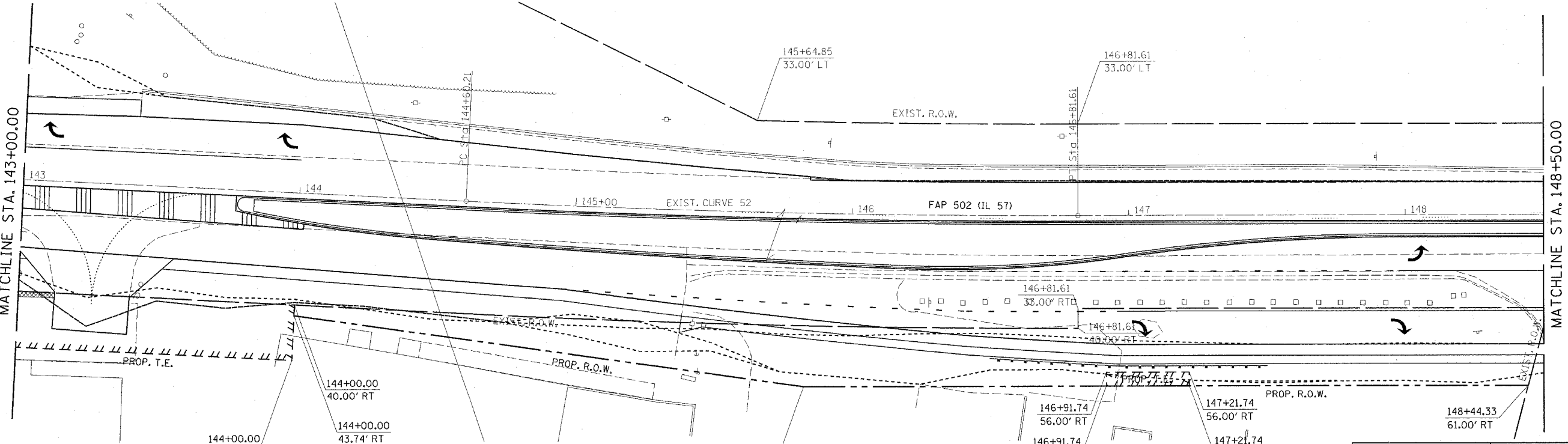
DRAWN BY TMJ
CHECKED BY MEB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	3/5	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (53RS-7, P(RS-2)JN, TS				
CONTRACT NO. 72897				

EXIST. CURVE 51
 PI STA. = 141+19.50
 $\Delta = 4^{\circ} 27' 33''$ (RT)
 $D = 1^{\circ} 23' 33''$
 $R = 4,114.29'$
 $T = 160.18'$
 $L = 320.20'$
 $E = 3.12'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 139+59.32$
 $P.T. STA. = 142+79.52$



EXIST. CURVE 52
 PI STA. = 145+70.94
 $\Delta = 2^{\circ} 57' 03''$ (LT)
 $D = 1^{\circ} 19' 58''$
 $R = 4,298.93'$
 $T = 110.72'$
 $L = 221.40'$
 $E = 1.43'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 144+60.21$
 $P.T. STA. = 146+81.61$

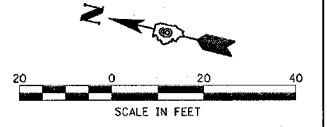


REVISIONS	
NAME	DATE

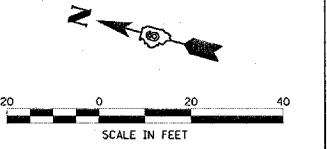
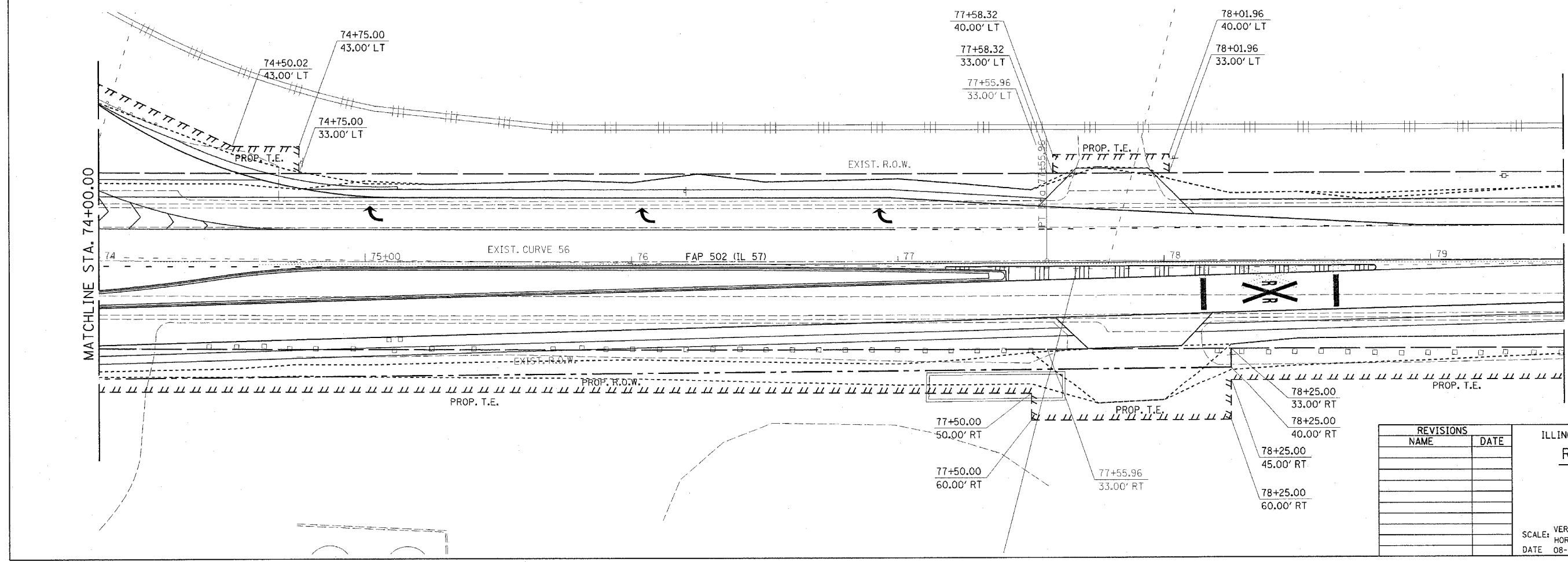
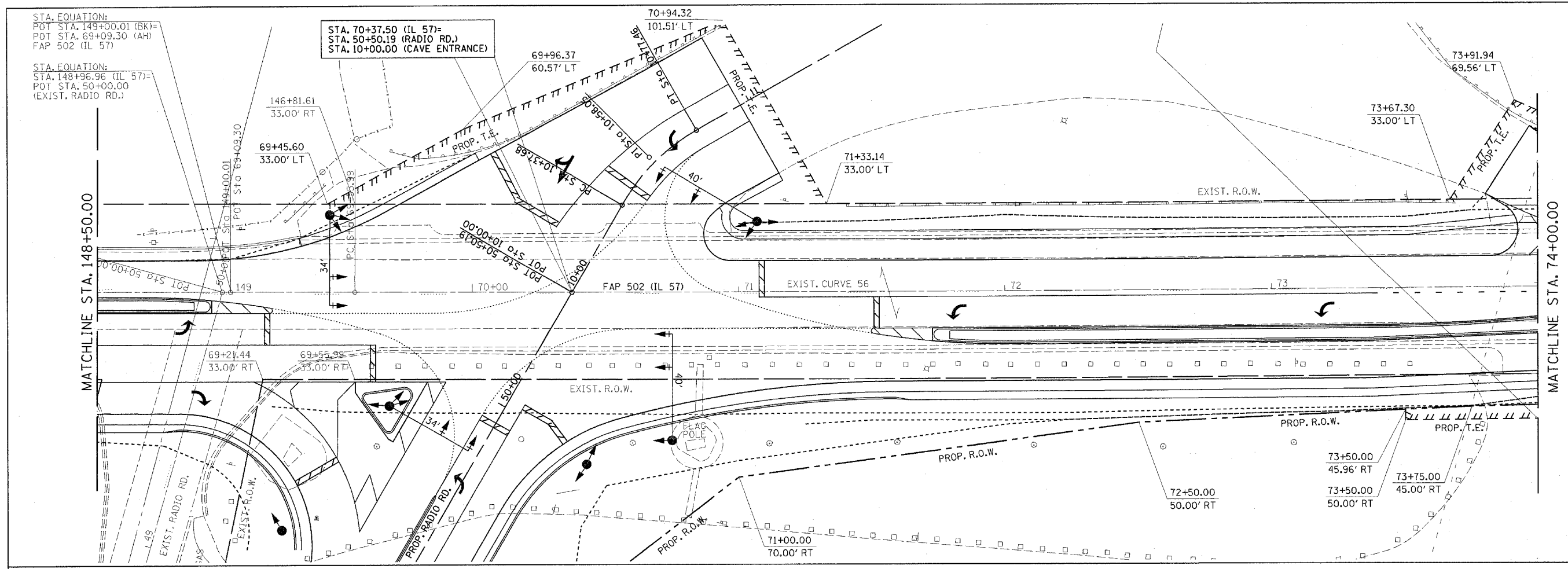
ILLINOIS DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY DETAILS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, P(RS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.
 SCALE: VERT. _____
 HORIZ. _____
 DATE 08-02-04
 DRAWN BY TMJ
 CHECKED BY MEB

c:\projects\d653004\prowf\sheets.dgn
 2/3/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	.	ADAMS	315	54
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (53RS-7, PIRS-2)N, TS				
CONTRACT NO. 72897				



EXIST. CURVE 56
 PI STA. = 73+55.99
 $\Delta = 1^\circ 16' 08''$ (LT)
 $D = 0^\circ 09' 31''$
 $R = 36,121.14'$
 $T = 400.00'$
 $L = 799.97'$
 $E = 2.21'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 69+55.99$
 $P.T. STA. = 77+55.96$



EXIST. CURVE 56
 PI STA. = 73+55.99
 $\Delta = 1^\circ 16' 08''$ (LT)
 $D = 0^\circ 09' 31''$
 $R = 36,121.14'$
 $T = 400.00'$
 $L = 799.97'$
 $E = 2.21'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 69+55.99$
 $P.T. STA. = 77+55.96$

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY DETAILS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)N, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 08-02-04

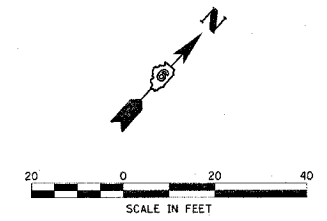
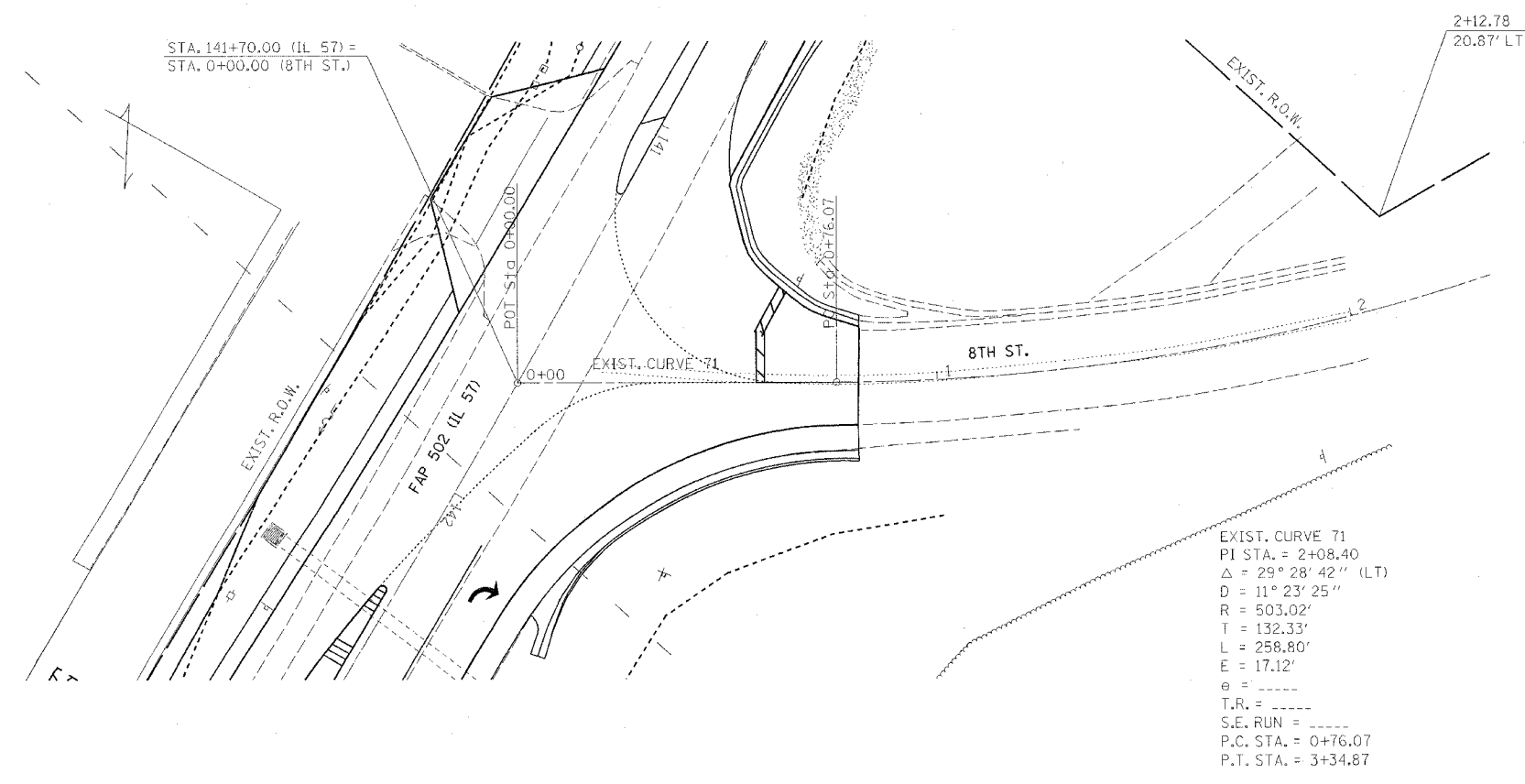
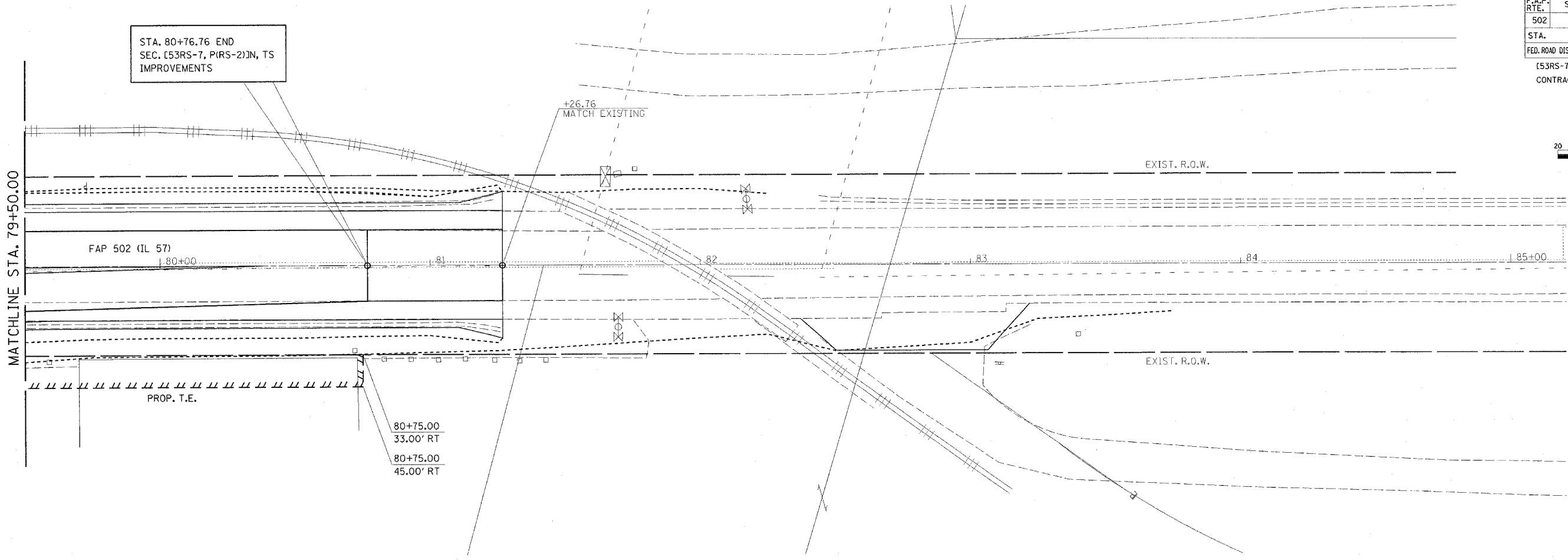
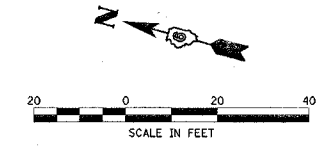
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 CHECKED BY MEB

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 2/3/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	.	ADAMS	315	55

STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

{53RS-7, P{RS-2}JN, TS
CONTRACT NO. 72897



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY DETAILS
FAP 502 (IL 57) & RADIO ROAD
SEC. {53RS-7, P{RS-2}JN, TS
ADAMS COUNTY
QUINCY, IL.

SCALE: VERT. _____
HORIZ. _____
DATE 08-02-04

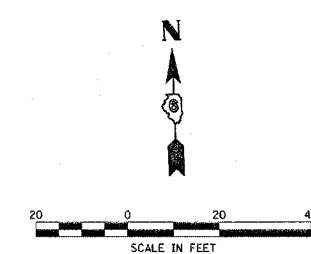
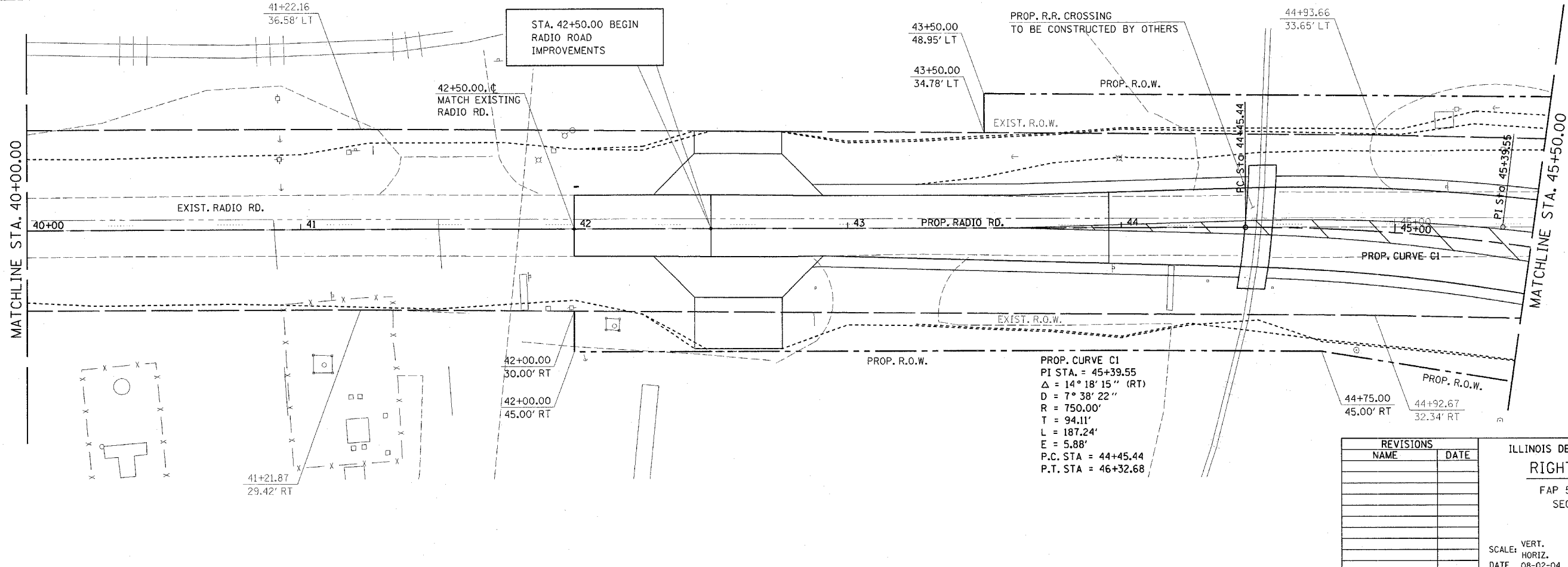
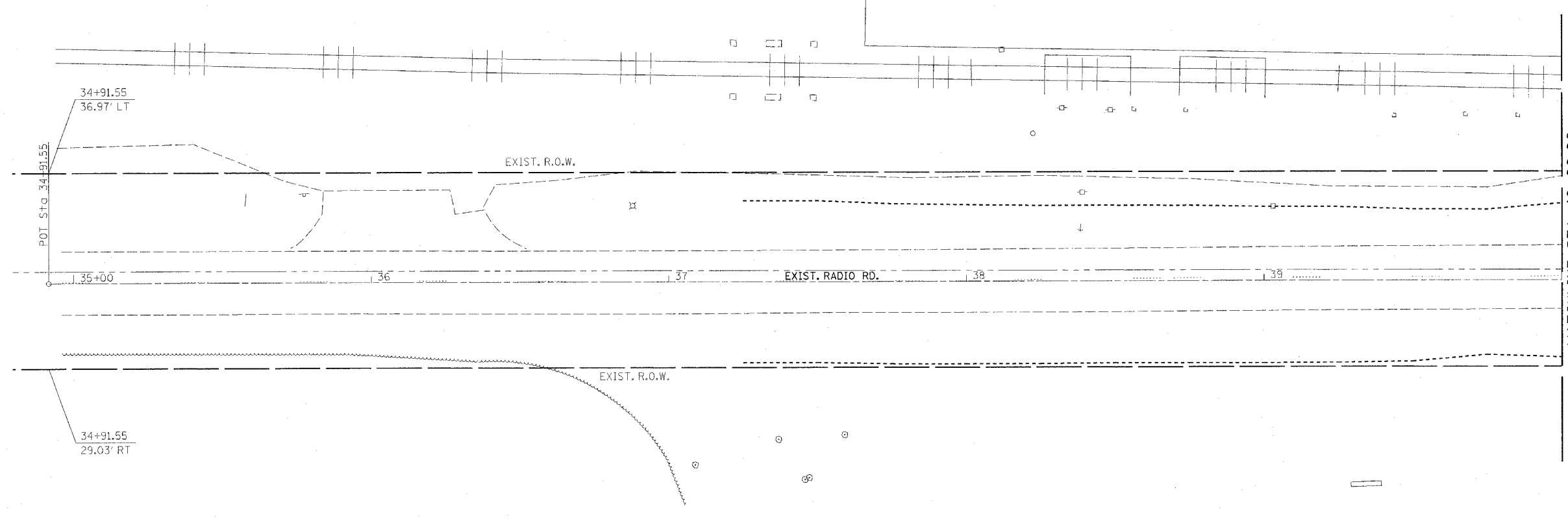
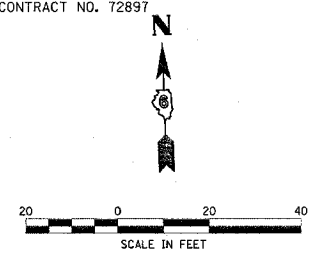
DRAWN BY TMJ
CHECKED BY MEB

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2/3/2005
*REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	3/5	56

STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

• [53RS-7, P(RS-2)]N, TS
CONTRACT NO. 72897



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY DETAILS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. [53RS-7, P(RS-2)]N, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 08-02-04

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 CHECKED BY MEB

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 2/3/2005
 *REF01

STA. 46+26.12, 3.27' LT. (EXIST. RADIO RD.) =
 STA. 46+22.00, 24.64' LT. (PR. RADIO RD.)
 N 1/4 CORNER
 SEC. 23, T2S, R9W, 4TH P.M.
 EXIST. CUT + IN CONC. PAVEMENT
 TO BE PRESERVED

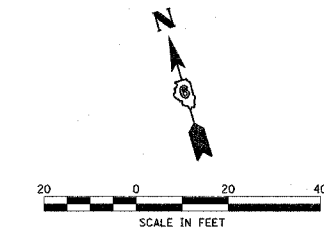
STA. EQUATION:
 STA. 148+96.96 (IL 57) =
 POT STA. 50+00.00
 (EXIST. RADIO RD.)

STA. EQUATION:
 POT STA. 149+00.01 (BK) =
 POT STA. 69+09.30 (AH)
 FAP 502 (IL 57)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	.	ADAMS	315	57

STA. TO STA.
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

• (53RS-7, PIRS-2)JN, TS
 CONTRACT NO. 72897



STA. 70+37.50 (IL 57) =
 STA. 50+50.19 (RADIO ROAD)
 STA. 10+00 (CAVE ENTRANCE)

45+62.73
57.26' LT

45+65.00
42.06' LT

46+34.31
71.54' LT

46+37.92
57.38' LT

148+51.77
33.00' RT

148+44.33
61.00' RT

49+72.29
23.48' RT

69+55.99
33.00' LT

46+63.57
31.05' RT

46+62.32
40.19' RT

46+53.71
39.02' RT

47+00.00
65.00

46+99.92
77.52

48+07.68
55.77' RT

48+75.00
50.00' RT

48+63.92
50.95' RT

49+50.00
60.00' RT

71+00.00
70.00' RT

PROP. CURVE C1
 PI STA. = 45+39.55
 $\Delta = 14^\circ 18' 15''$ (RT)
 $D = 7^\circ 38' 22''$
 $R = 750.00'$
 $T = 94.11'$
 $L = 187.24'$
 $E = 5.88'$
 P.C. STA. = 44+45.44
 P.T. STA. = 46+32.68

STA. 46+22.88 (PR. RADIO ROAD) =
 STA. 9+79.10 (6TH ST. (EXIST.))

PROP. R.R. CROSSING
 TO BE CONSTRUCTED BY OTHERS

REVISIONS	
NAME	DATE

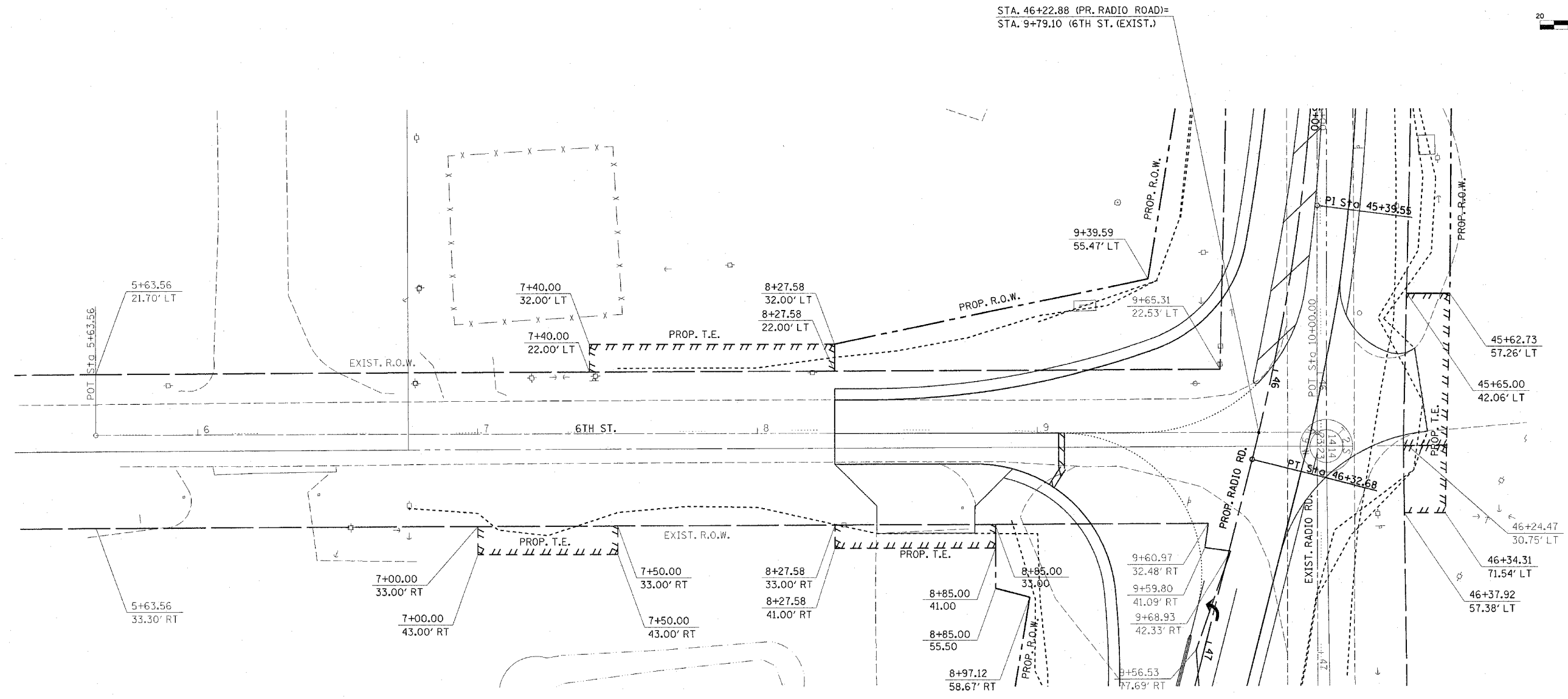
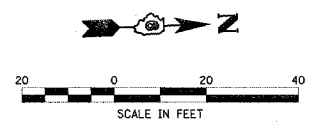
ILLINOIS DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY DETAILS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 08-02-04

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 2/3/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	58
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (53RS-7, PIRS-2)JN, TS				
CONTRACT NO. 72897				



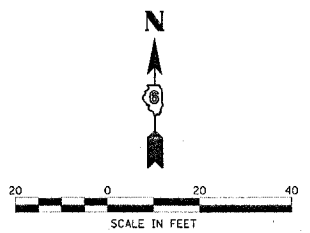
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY DETAILS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 08-02-04

DRAWN BY TMJ
 CHECKED BY MEB

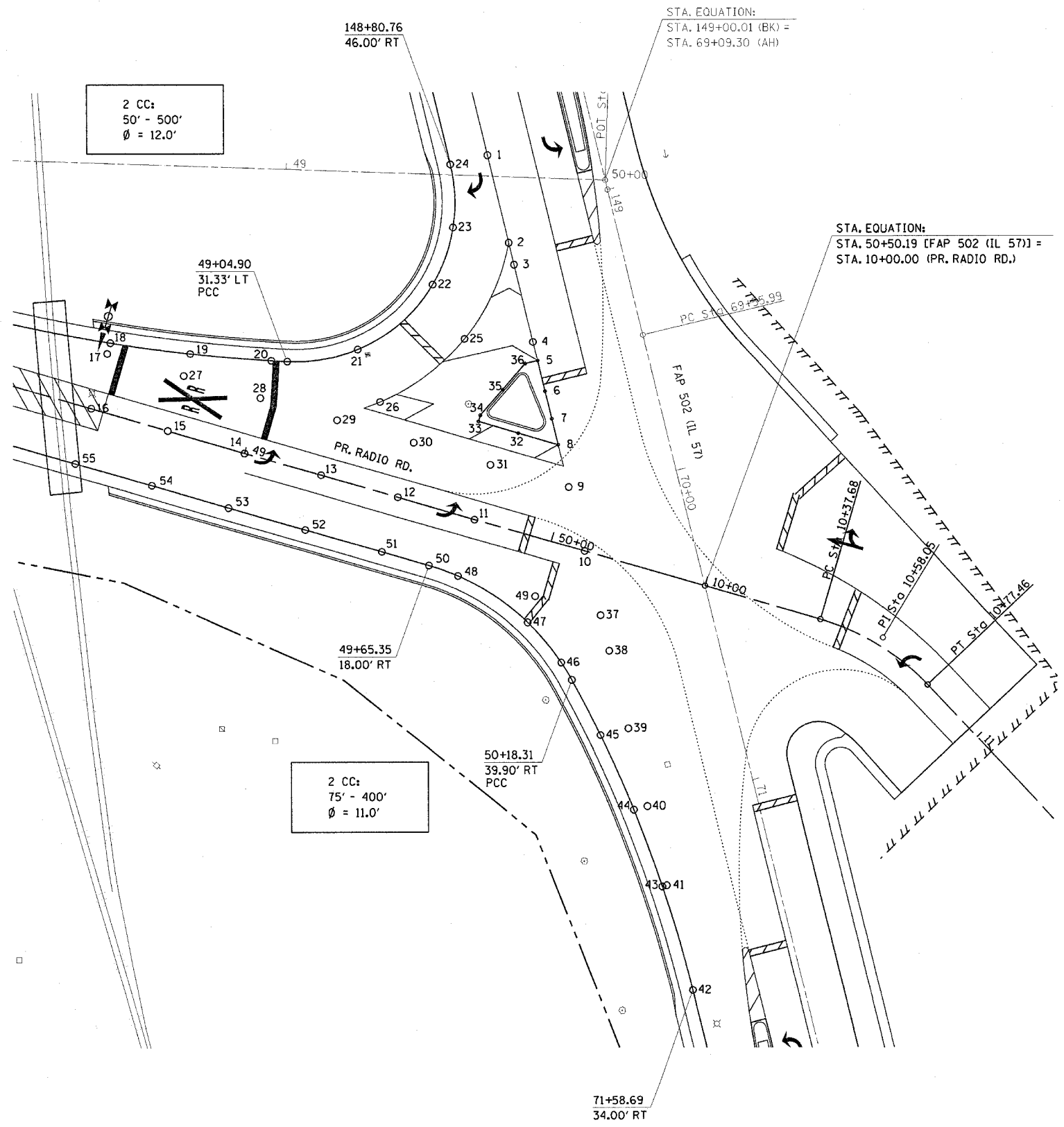
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 2/3/2005
 *REF01



NW QUAD IL 57 & RADIO ROAD				
ALIGNMENT	POINT	STATION	OFFSET	ELEVATION
IL 57	1	148+80.76	34 RT.	480.96
IL 57	2	69+17.98	34 RT.	480.67
IL 57	3	69+25.00	34 RT.	480.66
IL 57	4	69+50.00	34 RT.	480.20
IL 57	5	69+56.19	34 RT.	480.11
IL 57	6	69+66.00	34 RT.	479.98
IL 57	7	69+75.00	34 RT.	479.85
IL 57	8	69+83.30	34 RT.	479.74
IL 57	9	69+97.14	34 RT.	479.57
IL 57	10	70+17.89	34 RT.	479.32
PR. RADIO RD.	11	49+75.00	CL	478.88
PR. RADIO RD.	12	49+50.00	CL	478.37
PR. RADIO RD.	13	49+25.00	CL	477.84
PR. RADIO RD.	14	49+00.00	CL	477.40
PR. RADIO RD.	15	48+75.00	CL	477.06
PR. RADIO RD.	16	48+50.00	CL	476.81
PR. RADIO RD.	17	48+50.00	18 LT.	476.54
PR. RADIO RD.	18	48+50.00	21.59 LT.	476.49
PR. RADIO RD.	19	48+75.00	25.24 LT.	476.65
PR. RADIO RD.	20	49+00.00	30.20 LT.	476.89
PR. RADIO RD.	21	49+25.00	41.22 LT.	477.47
IL 57	22	69+25.00	60.24 RT.	479.48
IL 57	23	149+00.00	49.85 RT.	480.30
IL 57	24	148+80.76	46.00 RT.	480.72
IL 57	25	69+43.99	54.59 RT.	479.39
PR. RADIO RD.	26	49+36.36	27.27 LT.	477.83
PR. RADIO RD.	27	48+75.00	18 LT.	476.79
PR. RADIO RD.	28	49+00.00	18 LT.	477.13
PR. RADIO RD.	29	49+25.00	18 LT.	477.74
PR. RADIO RD.	30	49+50.00	18 LT.	478.34
PR. RADIO RD.	31	49+75.00	18 LT.	478.95
PR. RADIO RD.	32	49+80.67	30 LT.	479.60
PR. RADIO RD.	33	49+67.67	30 LT.	479.47
PR. RADIO RD.	34	49+67.67	32 LT.	479.51
IL 57	35	69+62.41	46.77 RT.	479.78
IL 57	36	69+56.19	38 RT.	480.03

SW QUAD IL 57 & RADIO ROAD				
ALIGNMENT	POINT	STATION	OFFSET	ELEVATION
IL 57	10	70+17.89	34 RT.	479.32
PR. RADIO RD.	11	49+75.00	CL	478.88
PR. RADIO RD.	12	49+50.00	CL	478.37
PR. RADIO RD.	13	49+25.00	CL	477.84
PR. RADIO RD.	14	49+00.00	CL	477.40
PR. RADIO RD.	15	48+75.00	CL	477.06
PR. RADIO RD.	16	48+50.00	CL	476.81
IL 57	37	70+38.65	34 RT.	479.08
IL 57	38	70+50.00	34 RT.	478.96
IL 57	39	70+75.00	34 RT.	478.74
IL 57	40	71+00.00	34 RT.	478.55
IL 57	41	71+25.00	34 RT.	478.39
IL 57	42	71+58.69	34 RT.	478.40
IL 57	43	71+25.00	35.44 RT.	478.37
IL 57	44	71+00.00	38.39 RT.	478.46
IL 57	45	70+75.00	42.97 RT.	478.56
IL 57	46	70+50.00	49.49 RT.	478.66
PR. RADIO RD.	47	50+00.00	26.49 RT.	478.66
PR. RADIO RD.	48	49+75.00	18.62 RT.	478.53
PR. RADIO RD.	49	50+00.00	18 RT.	478.83
PR. RADIO RD.	50	49+65.35	18 RT.	478.43
PR. RADIO RD.	51	49+50.00	18 RT.	478.10
PR. RADIO RD.	52	49+25.00	18 RT.	477.57
PR. RADIO RD.	53	49+00.00	18 RT.	477.13
PR. RADIO RD.	54	48+75.00	18 RT.	476.79
PR. RADIO RD.	55	48+50.00	18 RT.	476.64

• Depends upon R.R. crossing design



REVISIONS	
NAME	DATE

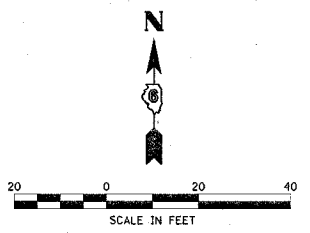
ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAILS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 10-21-04

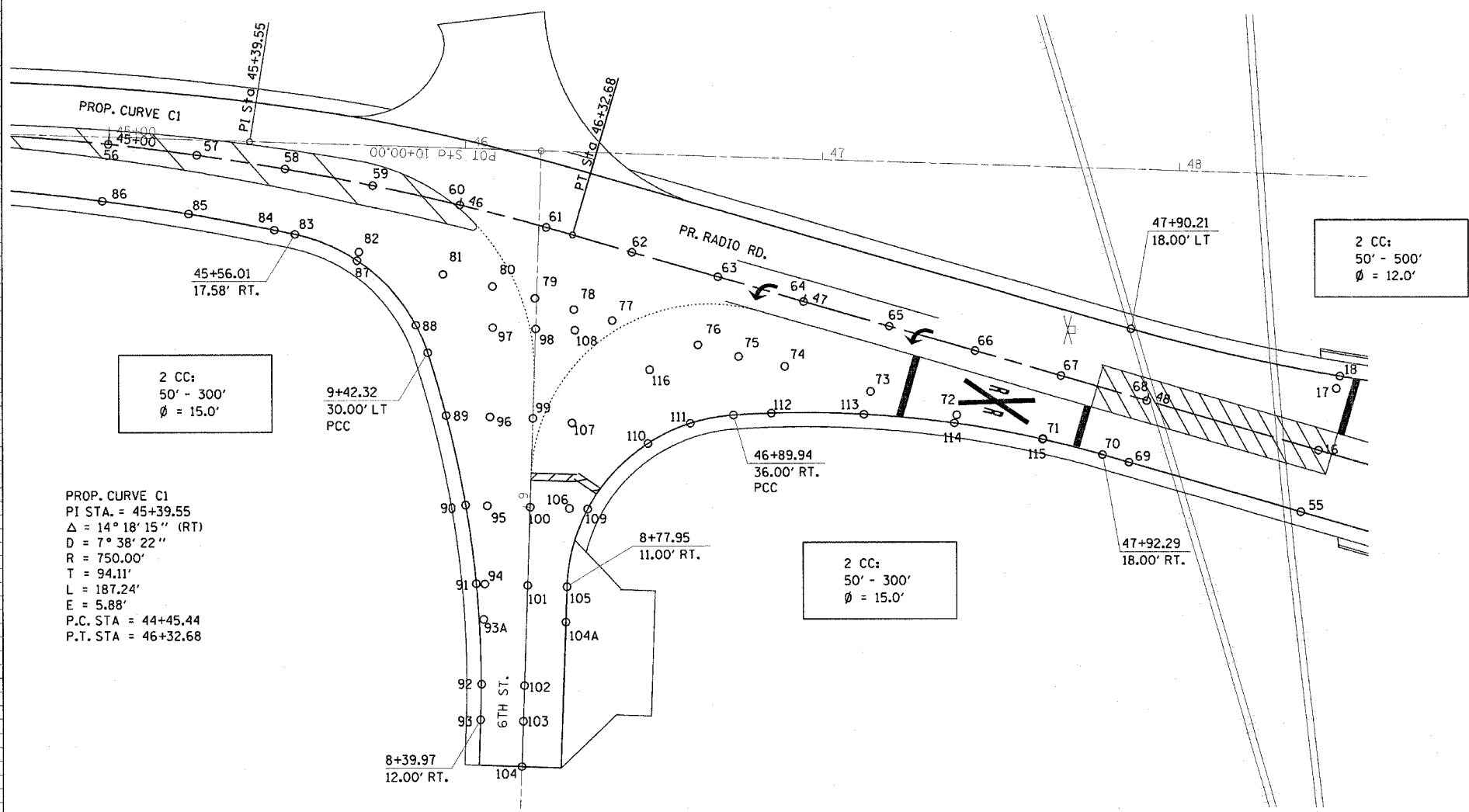
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 2/3/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	60
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (53RS-7, PIRS-2)JN, TS				
CONTRACT NO. 72897				



RADIO RD. & 6th ST. INTERSECTION				
ALIGNMENT	POINT	STATION	OFFSET	ELEVATION
PR. RADIO RD.	56	45+00.00	CL	469.23
PR. RADIO RD.	57	45+25.00	CL	469.67
PR. RADIO RD.	58	45+50.00	CL	470.27
PR. RADIO RD.	59	45+75.00	CL	471.05
PR. RADIO RD.	60	46+00.00	CL	471.90
PR. RADIO RD.	61	46+25.00	CL	472.76
PR. RADIO RD.	62	46+50.00	CL	473.62
PR. RADIO RD.	63	46+75.00	CL	474.48
PR. RADIO RD.	64	47+00.00	CL	475.29
PR. RADIO RD.	65	47+25.00	CL	475.92
PR. RADIO RD.	66	47+50.00	CL	476.39
PR. RADIO RD.	67	47+75.00	CL	476.70
PR. RADIO RD.	68	48+00.00	CL	476.92
PR. RADIO RD.	69	48+00.00	18 RT.	476.65
PR. RADIO RD.	70	47+92.29	18 RT.	476.60
PR. RADIO RD.	71	47+75.00	18.3 RT.	476.42
PR. RADIO RD.	72	47+50.00	18.6 RT.	476.11
PR. RADIO RD.	73	47+25.00	19 RT.	475.64
PR. RADIO RD.	74	47+00.00	19.3 RT.	475.00
PR. RADIO RD.	75	46+86.82	20 RT.	474.58
PR. RADIO RD.	76	46+75.00	20 RT.	474.18
PR. RADIO RD.	77	46+50.00	20 RT.	473.32
PR. RADIO RD.	78	46+38.81	20 RT.	472.94
PR. RADIO RD.	79	46+27.33	20 RT.	472.54
PR. RADIO RD.	80	46+14.89	20 RT.	472.11
PR. RADIO RD.	81	46+00.00	20 RT.	471.60
PR. RADIO RD.	82	45+75.00	19 RT.	470.76
PR. RADIO RD.	83	45+56.01	17.58 RT.	470.19
PR. RADIO RD.	84	45+50.00	17.41 RT.	470.01
PR. RADIO RD.	85	45+25.00	16.70 RT.	469.42
PR. RADIO RD.	86	45+00.00	15.98 RT.	468.99
PR. RADIO RD.	87	45+75.00	21.46 RT.	470.72
PR. RADIO RD.	88	45+95.80	35.70 RT.	471.63
6th ST.	89	9+25.00	24.30 LT.	471.52
6th ST.	90	9+00.00	18.07 LT.	471.08
6th ST.	91	8+77.95	14.41 LT.	470.57
6th ST.	92	8+50.00	12 LT.	469.84
6th ST.	93	8+39.97	12 LT.	469.63
6th ST.	93A	8+68.00	12 LT.	470.32
6th ST.	94	8+77.95	12 LT.	470.61
6th ST.	95	9+00.00	12 LT.	471.20
6th ST.	96	9+25.00	12 LT.	471.77
6th ST.	97	9+50.00	12 LT.	472.24
6th ST.	98	9+50.00	CL	472.42
6th ST.	99	9+25.00	CL	471.95
6th ST.	100	9+00.00	CL	471.38
6th ST.	101	8+77.95	CL	470.79
6th ST.	102	8+50.00	CL	470.02
6th ST.	103	8+39.97	CL	469.81
6th ST.	104	8+27.56	CL	469.59
6th ST.	104A	8+68.00	11 RT.	470.34
6th ST.	105	8+77.95	11 RT.	470.64
6th ST.	106	9+00.00	11 RT.	471.22
6th ST.	107	9+24.03	11 RT.	472.06
6th ST.	108	9+50.00	11 RT.	472.64
6th ST.	109	9+00.00	16.13 RT.	471.12
6th ST.	110	9+18.97	32.41 RT.	471.62
6th ST.	111	9+25.00	44.09 RT.	472.59
PR. RADIO RD.	112	47+00.00	32.55 RT.	474.73
PR. RADIO RD.	113	47+25.00	25.64 RT.	475.51
PR. RADIO RD.	114	47+50.00	21 RT.	476.07
PR. RADIO RD.	115	47+75.00	18.50 RT.	476.42
PR. RADIO RD.	116	46+63.92	30.39 RT.	472.97



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS

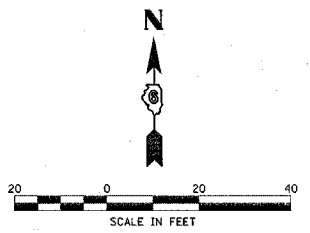
FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 10-21-04

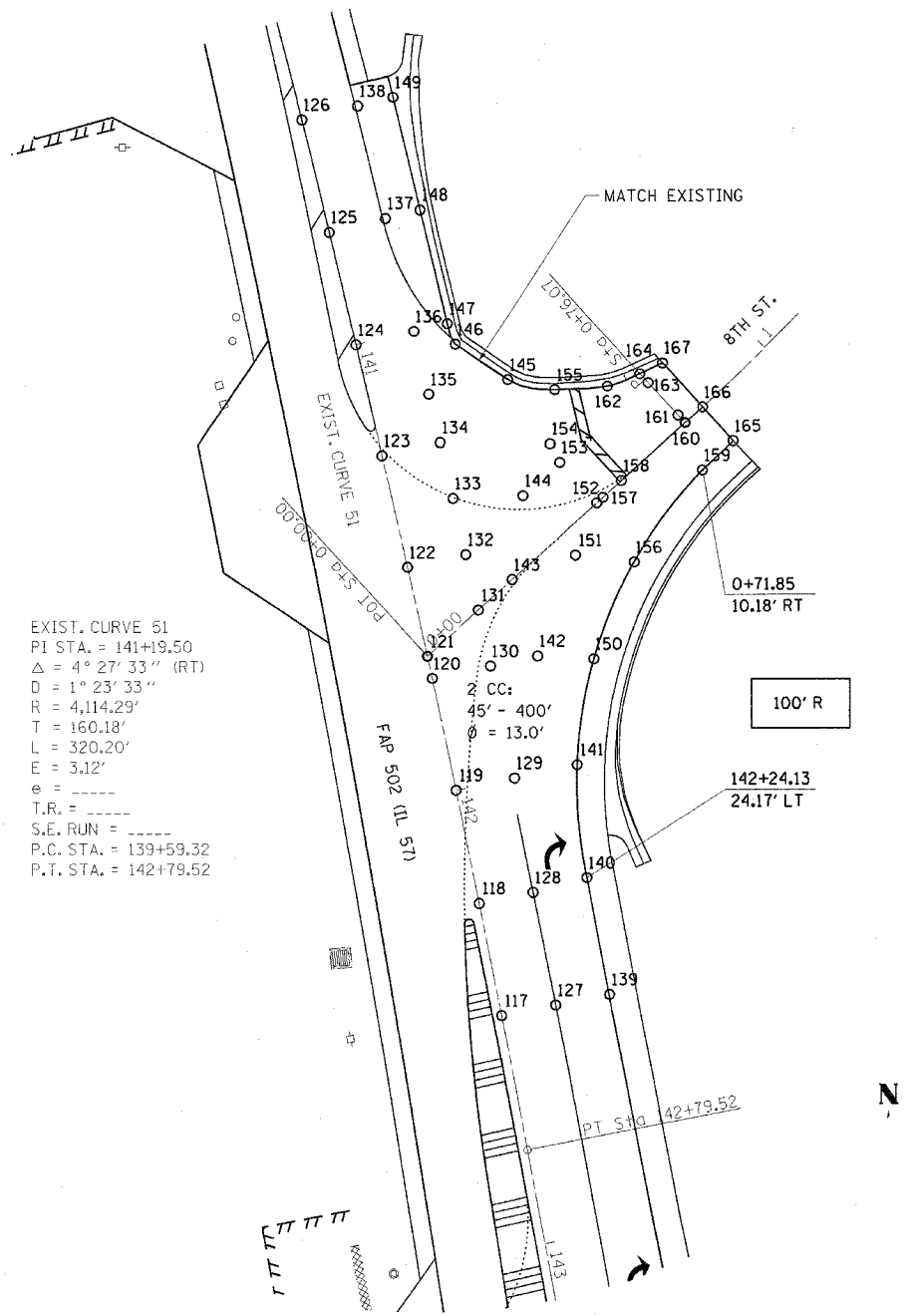
DRAWN BY TMJ
 CHECKED BY MEB

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 2/3/2005
 *REF 01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	61
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (53RS-7, PIRS-2)JN, TS				
CONTRACT NO. 7289Z				



FAP 502 (IL 57) & 8th ST. INTERSECTION				
ALIGNMENT	POINT	STATION	OFFSET	ELEVATION
IL 57	117	142+50	CL	486.34
IL 57	118	142+25	CL	486.28
IL 57	119	142+00	CL	486.21
IL 57	120	141+75	CL	486.18
IL 57	121	141+70 =	CL	486.17
8 TH ST.	121	0+00	CL	486.17
IL 57	122	141+50	CL	486.15
IL 57	123	141+25	CL	486.13
IL 57	124	141+00	CL	486.11
IL 57	125	140+75	CL	486.05
IL 57	126	140+50	CL	485.99
IL 57	127	142+50	12 LT.	486.52
IL 57	128	142+25	12 LT.	486.52
IL 57	129	142+00	13 LT.	486.47
IL 57	130	141+75	13 LT.	486.26
IL 57	131	141+62.52 =	13 LT.	486.23
8 TH ST.	131	0+15	CL	486.23
IL 57	132	141+50	13 LT.	486.24
IL 57	133	141+37.50	13 LT.	486.22
IL 57	134	141+25	13 LT.	486.20
IL 57	135	141+14.07	13 LT.	486.16
IL 57	136	141+00	13 LT.	486.12
IL 57	137	140+75	12.6 LT.	486.09
IL 57	138	140+50	12.5 LT.	486.10
IL 57	139	142+50	24 LT.	486.23
IL 57	140	142+25	24.2 LT.	486.21
IL 57	141	142+00	26.96 LT.	486.12
IL 57	142	141+75	23.51 LT.	486.26
8 TH ST.	143	0+25	CL	486.43
8 TH ST.	144	0+39.15	12 LT.	486.55
8 TH ST.	145	0+53.91	33.09 LT.	486.39
8 TH ST.	146	0+50.61 =	46.48 LT.	486.90
IL 57	146	141+04.77	21.11 LT.	486.90
IL 57	147	141+00	20.5 LT.	486.78
IL 57	148	140+75	20.4 LT.	485.51
IL 57	149	140+50	20.4 LT.	485.51
8 TH ST.	150	0+26.51	24.80 RT.	486.25
8 TH ST.	151	0+38.89	5.29 RT.	486.75
8 TH ST.	152	0+50	CL	487.13
8 TH ST.	153	0+50	12 LT.	486.93
8 TH ST.	154	0+51.16	16.41 LT.	486.92
8 TH ST.	155	0+60	24.58 LT.	486.90
8 TH ST.	156	0+47.32	15 RT.	487.07
8 TH ST.	157	0+51.83	CL	487.22
8 TH ST.	158	0+57.26	CL	487.48
8 TH ST.	159	0+71.85	10.18 RT.	488.53
8 TH ST.	160	0+76.07	CL	488.41
8 TH ST.	161	0+76.07	2.32 LT.	488.30
8 TH ST.	162	0+69	17.40 LT.	487.37
8 TH ST.	163	0+76.07	12 LT.	487.85
8 TH ST.	164	0+76.07	14.68 LT.	487.72
8 TH ST.	165	0+81.03	9.97 RT.	489.14
8 TH ST.	166	0+81.25	CL	488.69
8 TH ST.	167	0+81.46	13.08 LT.	488.03



EXIST. CURVE 51
 PI STA. = 141+19.50
 $\Delta = 4^\circ 27' 33''$ (RT)
 $D = 1^\circ 23' 33''$
 $R = 4,114.29'$
 $T = 160.18'$
 $L = 320.20'$
 $E = 3.12'$
 $e =$ -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 139+59.32
 P.T. STA. = 142+79.52

EXIST. CURVE 71
 PI STA. = 2+08.40
 $\Delta = 29^\circ 28' 42''$ (LT)
 $D = 11^\circ 23' 25''$
 $R = 503.02'$
 $T = 132.33'$
 $L = 258.80'$
 $E = 17.12'$
 P.C. STA. = 0+76.07
 P.T. STA. = 3+34.87

REVISIONS	
NAME	DATE

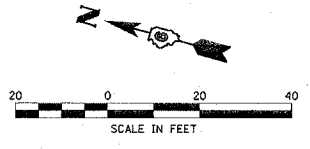
ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAILS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 10-21-04

DRAWN BY TMJ
 CHECKED BY MEB

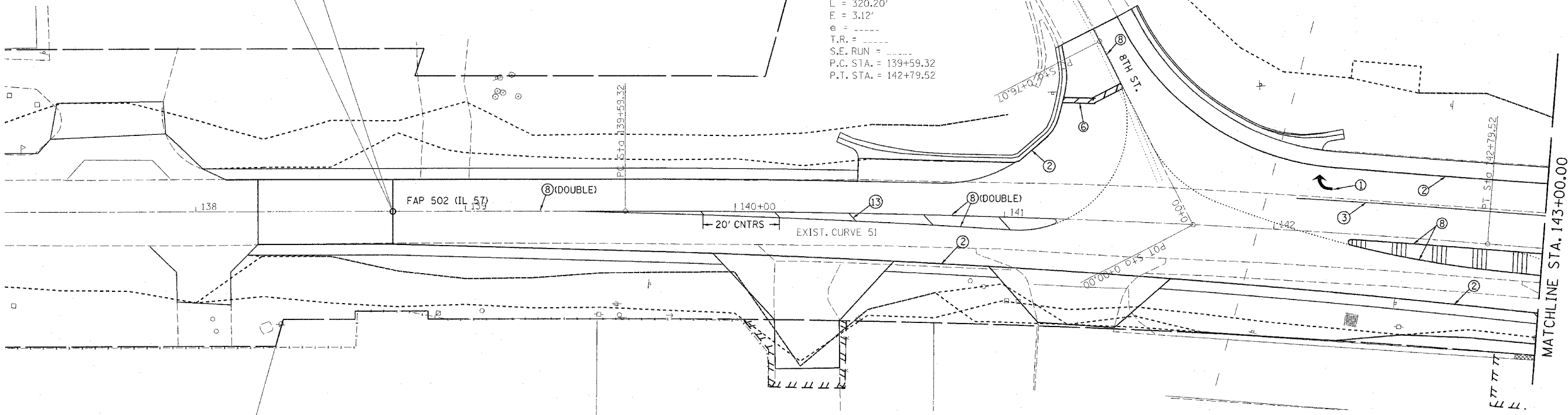
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 2/3/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	315	62
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (53RS-7, PIRS-2)JN, TS				
CONTRACT NO. 72897				

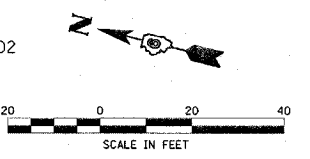


EXIST. CURVE 51
 PI STA. = 141+19.50
 $\Delta = 4^\circ 27' 33''$ (RT)
 $D = 1^\circ 23' 33''$
 $R = 4,114.29'$
 $T = 160.18'$
 $L = 320.20'$
 $E = 3.12'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 139+59.32$
 $P.T. STA. = 142+79.52$

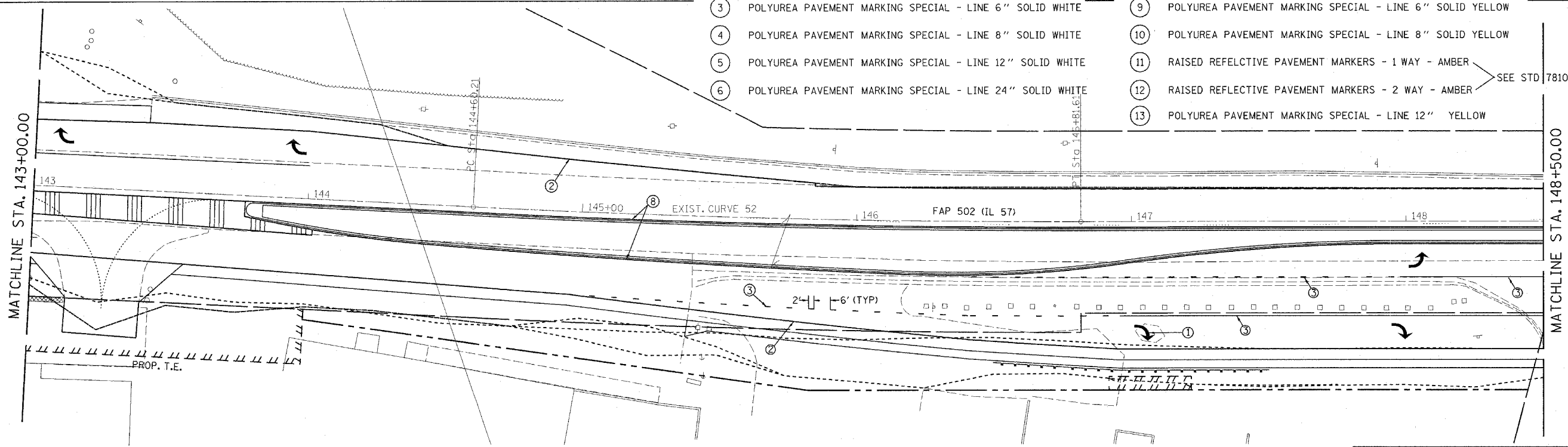
STA. 138+73.00 BEGIN
 SEC. (53RS-7, PIRS-2)JN, TS
 IMPROVEMENTS



- | | |
|--|--|
| ① POLYUREA PAVEMENT MARKING SPECIAL - LETTERS AND SYMBOLS | ⑦ POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SKIP DASH YELLOW |
| ② POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SOLID WHITE | ⑧ POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SOLID YELLOW |
| ③ POLYUREA PAVEMENT MARKING SPECIAL - LINE 6" SOLID WHITE | ⑨ POLYUREA PAVEMENT MARKING SPECIAL - LINE 6" SOLID YELLOW |
| ④ POLYUREA PAVEMENT MARKING SPECIAL - LINE 8" SOLID WHITE | ⑩ POLYUREA PAVEMENT MARKING SPECIAL - LINE 8" SOLID YELLOW |
| ⑤ POLYUREA PAVEMENT MARKING SPECIAL - LINE 12" SOLID WHITE | ⑪ RAISED REFLECTIVE PAVEMENT MARKERS - 1 WAY - AMBER |
| ⑥ POLYUREA PAVEMENT MARKING SPECIAL - LINE 24" SOLID WHITE | ⑫ RAISED REFLECTIVE PAVEMENT MARKERS - 2 WAY - AMBER |
| | ⑬ POLYUREA PAVEMENT MARKING SPECIAL - LINE 12" YELLOW |



SEE STD 781001-02



EXIST. CURVE 52
 PI STA. = 145+70.94
 $\Delta = 2^\circ 57' 03''$ (LT)
 $D = 1^\circ 19' 58''$
 $R = 4,298.93'$
 $T = 110.72'$
 $L = 221.40'$
 $E = 1.43'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 144+60.21$
 $P.T. STA. = 146+81.61$

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING DETAILS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.
 SCALE: VERT. _____
 DATE 08-02-04
 DRAWN BY TMJ
 CHECKED BY MEB

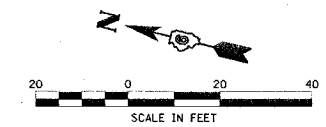
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 2/3/2005
 *REF01

STA. EQUATION:
 POT STA. 149+00.01 (BK)=
 POT STA. 69+09.30 (AH)
 FAP 502 (IL 57)

STA. EQUATION:
 STA. 148+96.96 (IL 57)=
 POT STA. 50+00.00
 (EXIST. RADIO RD.)

STA. 70+37.50 (IL 57)=
 STA. 50+50.19 (RADIO RD.)
 STA. 10+00.00 (CAVE ENTRANCE)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	3/5	63
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (53RS-7, PIRS-2)JN, TS				
CONTRACT NO. 72897				

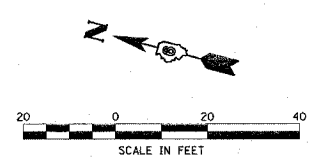


EXIST. CURVE 56
 PI STA. = 73+55.99
 $\Delta = 1^\circ 16' 08''$ (LT)
 $D = 0^\circ 09' 31''$
 $R = 36,121.14'$
 $T = 400.00'$
 $L = 799.97'$
 $E = 2.21'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 69+55.99$
 $P.T. STA. = 77+55.96$

MATCHLINE STA. 148+50.00

MATCHLINE STA. 74+00.00

- | | |
|--|--|
| ① POLYUREA PAVEMENT MARKING SPECIAL - LETTERS AND SYMBOLS | ⑦ POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SKIP DASH YELLOW |
| ② POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SOLID WHITE | ⑧ POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SOLID YELLOW |
| ③ POLYUREA PAVEMENT MARKING SPECIAL - LINE 6" SOLID WHITE | ⑨ POLYUREA PAVEMENT MARKING SPECIAL - LINE 6" SOLID YELLOW |
| ④ POLYUREA PAVEMENT MARKING SPECIAL - LINE 8" SOLID WHITE | ⑩ POLYUREA PAVEMENT MARKING SPECIAL - LINE 8" SOLID YELLOW |
| ⑤ POLYUREA PAVEMENT MARKING SPECIAL - LINE 12" SOLID WHITE | ⑪ RAISED REFLECTIVE PAVEMENT MARKERS - 1 WAY - AMBER |
| ⑥ POLYUREA PAVEMENT MARKING SPECIAL - LINE 24" SOLID WHITE | ⑫ RAISED REFLECTIVE PAVEMENT MARKERS - 2 WAY - AMBER |



EXIST. CURVE 56
 PI STA. = 73+55.99
 $\Delta = 1^\circ 16' 08''$ (LT)
 $D = 0^\circ 09' 31''$
 $R = 36,121.14'$
 $T = 400.00'$
 $L = 799.97'$
 $E = 2.21'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 69+55.99$
 $P.T. STA. = 77+55.96$

MATCHLINE STA. 74+00.00

MATCHLINE STA. 79+50.00

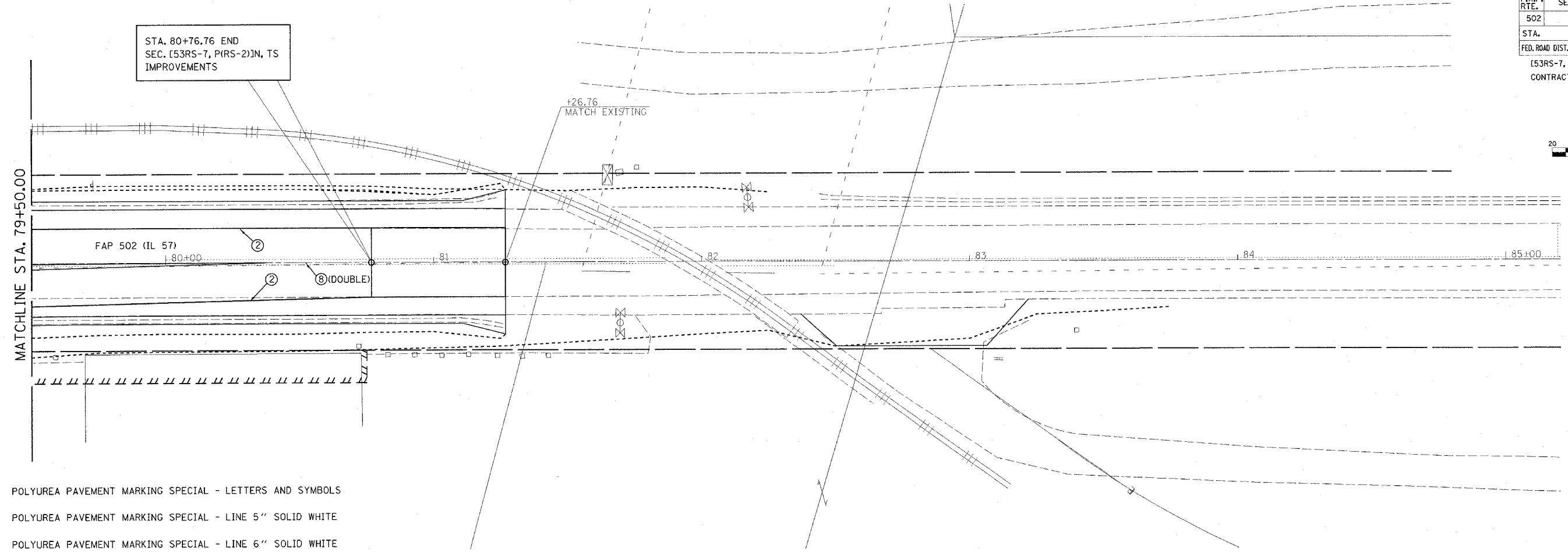
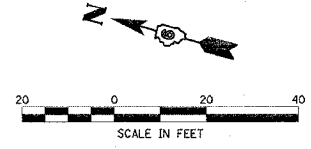
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING DETAILS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.

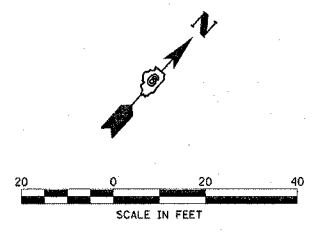
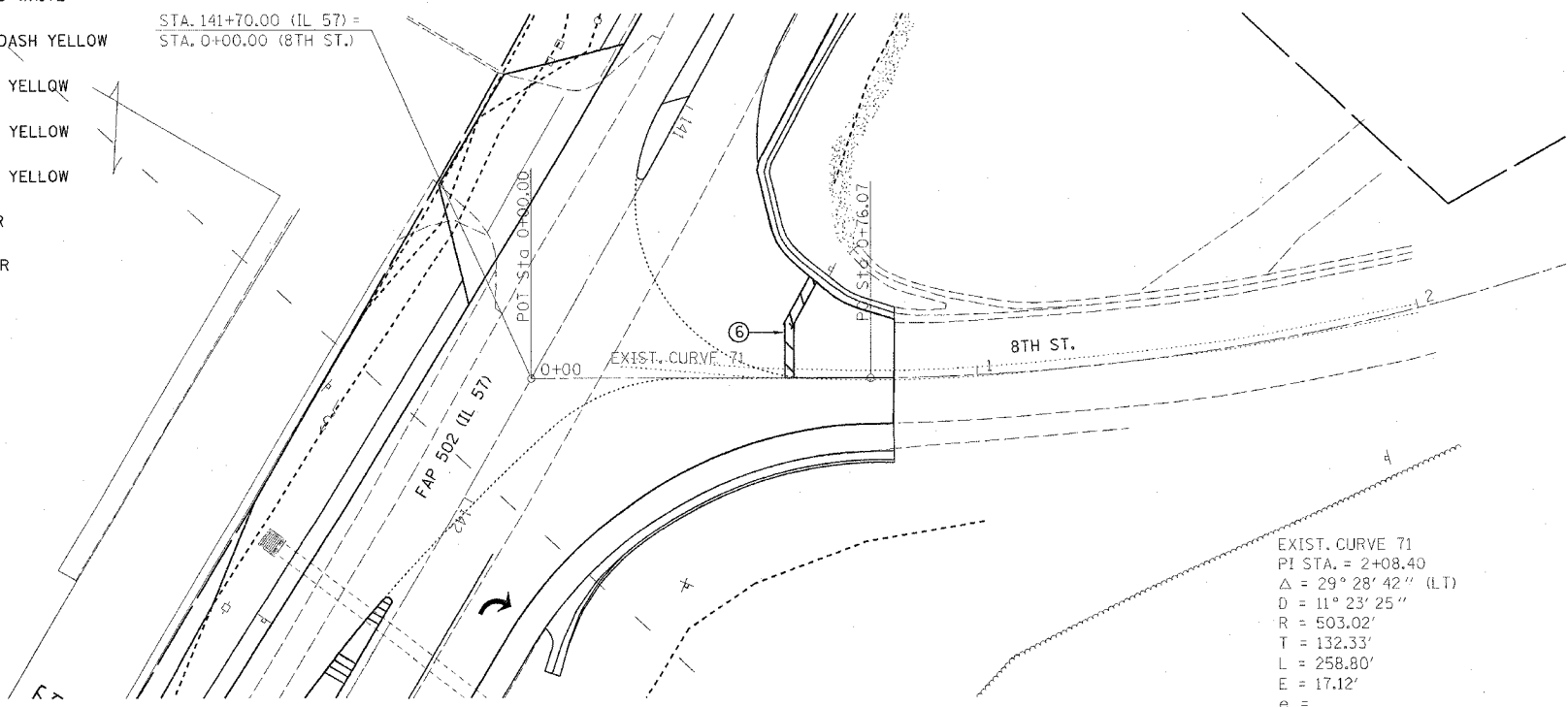
SCALE: VERT. _____
 HORIZ. _____
 DATE 08-02-04
 DRAWN BY TMJ
 CHECKED BY MEB

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 2/3/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		(53RS-7, P(RS-2)JN, TS		
		CONTRACT NO. 72897		



- ① POLYUREA PAVEMENT MARKING SPECIAL - LETTERS AND SYMBOLS
- ② POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SOLID WHITE
- ③ POLYUREA PAVEMENT MARKING SPECIAL - LINE 6" SOLID WHITE
- ④ POLYUREA PAVEMENT MARKING SPECIAL - LINE 8" SOLID WHITE
- ⑤ POLYUREA PAVEMENT MARKING SPECIAL - LINE 12" SOLID WHITE
- ⑥ POLYUREA PAVEMENT MARKING SPECIAL - LINE 24" SOLID WHITE
- ⑦ POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SKIP DASH YELLOW
- ⑧ POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SOLID YELLOW
- ⑨ POLYUREA PAVEMENT MARKING SPECIAL - LINE 6" SOLID YELLOW
- ⑩ POLYUREA PAVEMENT MARKING SPECIAL - LINE 8" SOLID YELLOW
- ⑪ RAISED REFLECTIVE PAVEMENT MARKERS - 1 WAY - AMBER
- ⑫ RAISED REFLECTIVE PAVEMENT MARKERS - 2 WAY - AMBER



EXIST. CURVE 71
 PI STA. = 2+08.40
 $\Delta = 29^\circ 28' 42''$ (LT)
 $D = 11^\circ 23' 25''$
 $R = 503.02'$
 $T = 132.33'$
 $L = 258.80'$
 $E = 17.12'$
 $e = \dots$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 $P.C. STA. = 0+76.07$
 $P.T. STA. = 3+34.87$

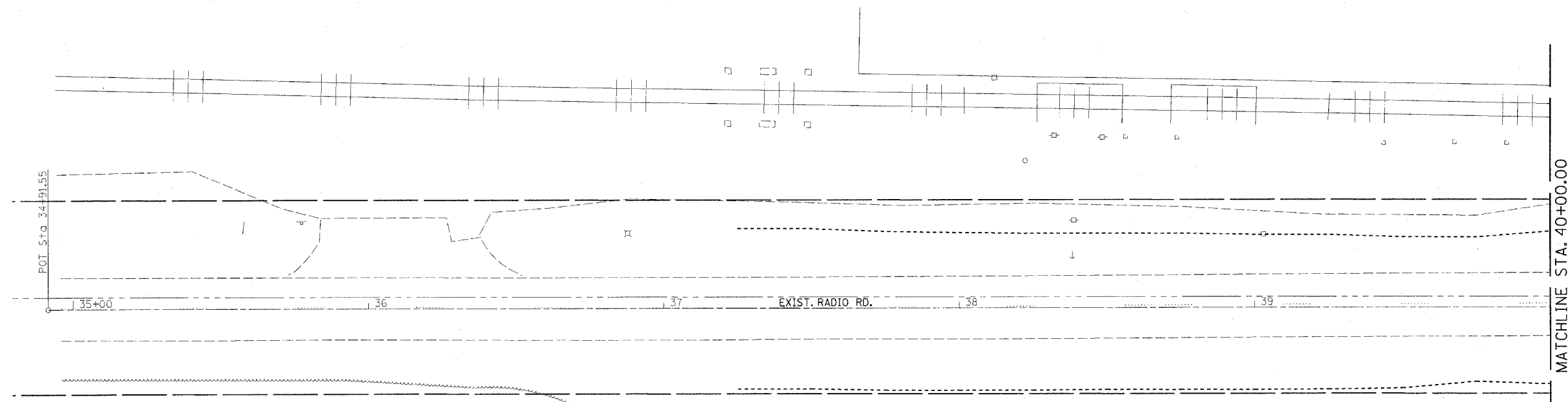
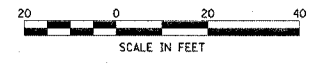
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING DETAILS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, P(RS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL.
 SCALE: VERT. _____
 HORIZ. _____
 DATE 08-02-04
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 CHECKED BY MEB

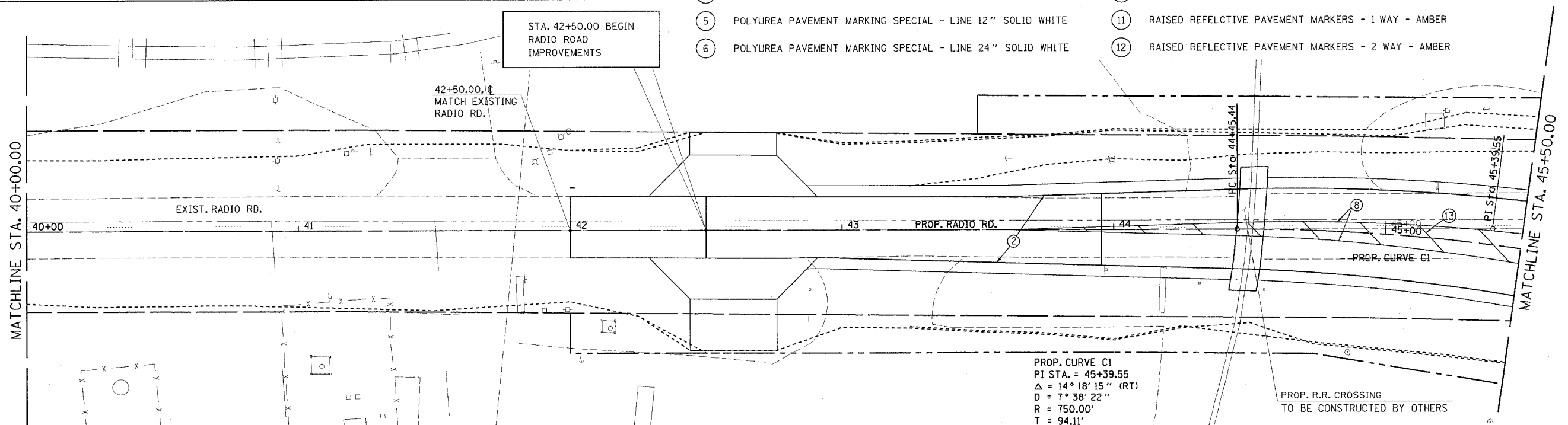
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 2/3/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	65
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• [53RS-7, PIRS-2]N, TS
CONTRACT NO. 72897



- | | |
|--|--|
| ① POLYUREA PAVEMENT MARKING SPECIAL - LETTERS AND SYMBOLS | ⑦ POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SKIP DASH YELLOW |
| ② POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SOLID WHITE | ⑧ POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SOLID YELLOW |
| ③ POLYUREA PAVEMENT MARKING SPECIAL - LINE 6" SOLID WHITE | ⑨ POLYUREA PAVEMENT MARKING SPECIAL - LINE 6" SOLID YELLOW |
| ④ POLYUREA PAVEMENT MARKING SPECIAL - LINE 8" SOLID WHITE | ⑩ POLYUREA PAVEMENT MARKING SPECIAL - LINE 8" SOLID YELLOW |
| ⑤ POLYUREA PAVEMENT MARKING SPECIAL - LINE 12" SOLID WHITE | ⑪ RAISED REFLECTIVE PAVEMENT MARKERS - 1 WAY - AMBER |
| ⑥ POLYUREA PAVEMENT MARKING SPECIAL - LINE 24" SOLID WHITE | ⑫ RAISED REFLECTIVE PAVEMENT MARKERS - 2 WAY - AMBER |



PROP. CURVE C1
 PI STA. = 45+39.55
 $\Delta = 14^\circ 18' 15''$ (RT)
 $D = 7^\circ 38' 22''$
 $R = 750.00'$
 $T = 94.11'$
 $L = 187.24'$
 $E = 5.88'$
 P.C. STA = 44+45.44
 P.T. STA = 46+32.68

REVISIONS	
NAME	DATE

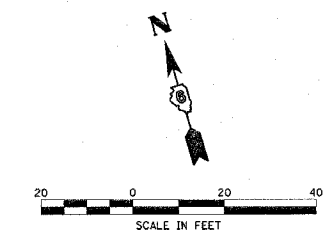
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING DETAILS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. [53RS-7, PIRS-2]N, TS
 ADAMS COUNTY
 QUINCY, IL.
 VERT. SCALE: DRAWN BY TMJ
 HORIZ. SCALE: CHECKED BY MEB
 DATE 08-02-04

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 2/3/2005
 *REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	66

STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

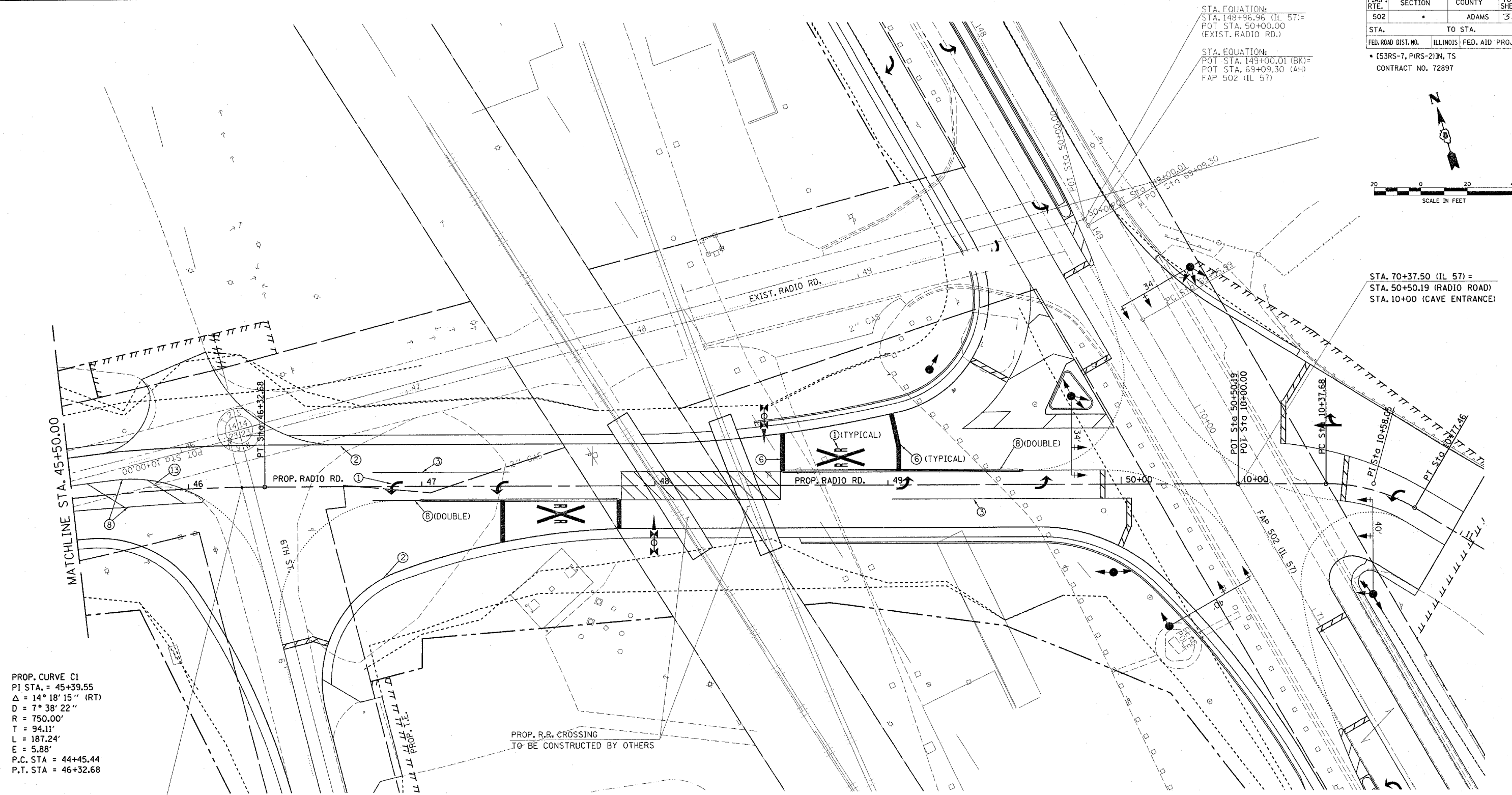
• (53RS-7, P(RS-2)JN, TS
CONTRACT NO. 72897



STA. EQUATION:
STA. 148+96.96 (IL 57)=
POT STA. 50+00.00
(EXIST. RADIO RD.)

STA. EQUATION:
POT STA. 149+00.01 (BK)=
POT STA. 69+09.30 (AH)
FAP 502 (IL 57)

STA. 70+37.50 (IL 57) =
STA. 50+50.19 (RADIO ROAD)
STA. 10+00 (CAVE ENTRANCE)



PROP. CURVE C1
PI STA. = 45+39.55
 $\Delta = 14^\circ 18' 15''$ (RT)
D = 7° 38' 22"
R = 750.00'
T = 94.11'
L = 187.24'
E = 5.88'
P.C. STA = 44+45.44
P.T. STA = 46+32.68

STA. 46+22.88 (PR. RADIO ROAD)=
STA. 9+79.10 (6TH ST. (EXIST.))

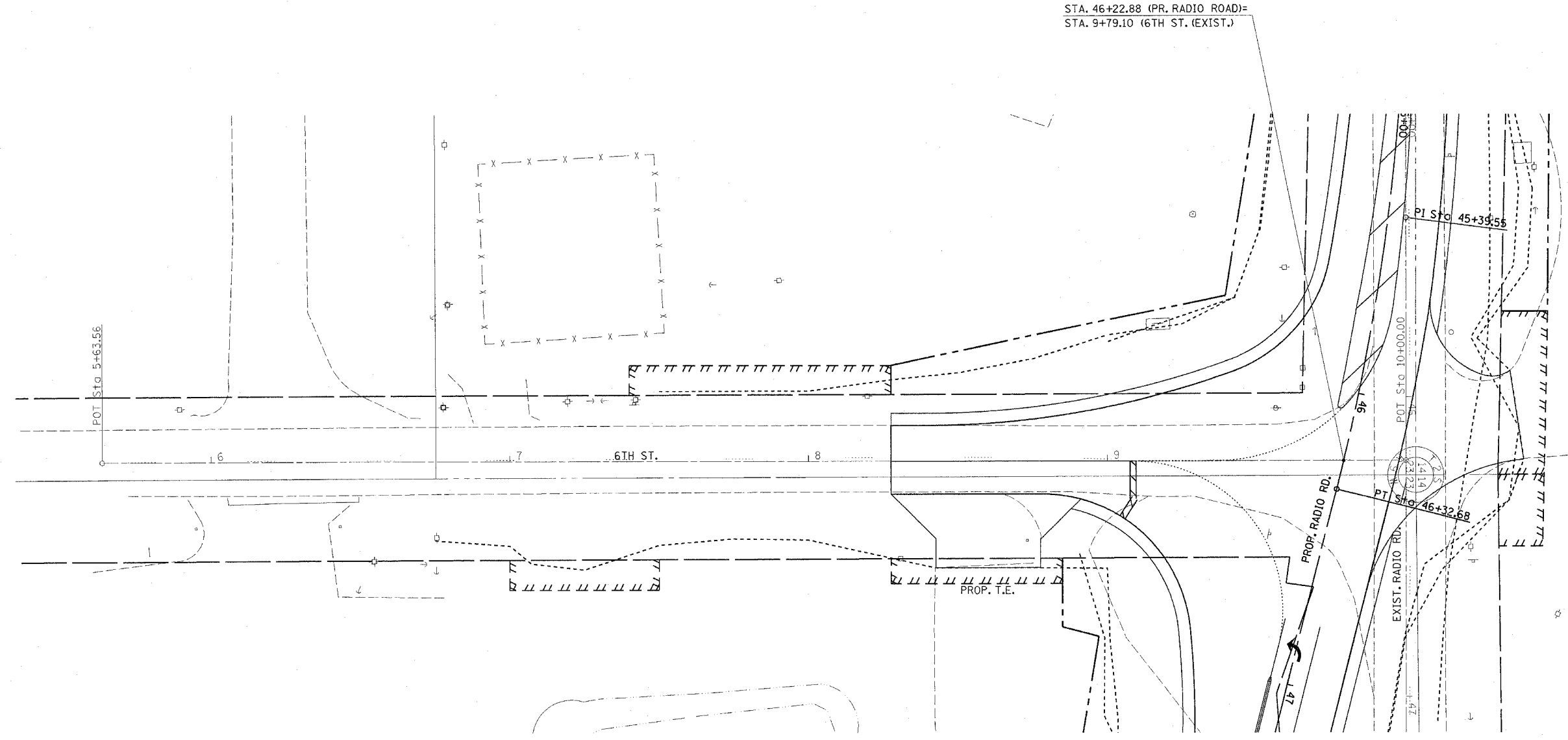
PROP. R.R. CROSSING
TO BE CONSTRUCTED BY OTHERS

- | | |
|--|--|
| ① POLYUREA PAVEMENT MARKING SPECIAL - LETTERS AND SYMBOLS | ⑦ POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SKIP DASH YELLOW |
| ② POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SOLID WHITE | ⑧ POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SOLID YELLOW |
| ③ POLYUREA PAVEMENT MARKING SPECIAL - LINE 6" SOLID WHITE | ⑨ POLYUREA PAVEMENT MARKING SPECIAL - LINE 6" SOLID YELLOW |
| ④ POLYUREA PAVEMENT MARKING SPECIAL - LINE 8" SOLID WHITE | ⑩ POLYUREA PAVEMENT MARKING SPECIAL - LINE 8" SOLID YELLOW |
| ⑤ POLYUREA PAVEMENT MARKING SPECIAL - LINE 12" SOLID WHITE | ⑪ RAISED REFELCTIVE PAVEMENT MARKERS - 1 WAY - AMBER |
| ⑥ POLYUREA PAVEMENT MARKING SPECIAL - LINE 24" SOLID WHITE | ⑫ RAISED REFLECTIVE PAVEMENT MARKERS - 2 WAY - AMBER |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING DETAILS
FAP 502 (IL 57) & RADIO ROAD
SEC. (53RS-7, P(RS-2)JN, TS
ADAMS COUNTY
QUINCY, IL.
SCALE: VERT. _____
HORIZ. _____
DATE 08-02-04
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2/3/2005
*REF 01



- | | |
|--|--|
| ① POLYUREA PAVEMENT MARKING SPECIAL - LETTERS AND SYMBOLS | ⑦ POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SKIP DASH YELLOW |
| ② POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SOLID WHITE | ⑧ POLYUREA PAVEMENT MARKING SPECIAL - LINE 5" SOLID YELLOW |
| ③ POLYUREA PAVEMENT MARKING SPECIAL - LINE 6" SOLID WHITE | ⑨ POLYUREA PAVEMENT MARKING SPECIAL - LINE 6" SOLID YELLOW |
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| ⑤ POLYUREA PAVEMENT MARKING SPECIAL - LINE 12" SOLID WHITE | ⑪ RAISED REFLECTIVE PAVEMENT MARKERS - 1 WAY - AMBER |
| ⑥ POLYUREA PAVEMENT MARKING SPECIAL - LINE 24" SOLID WHITE | ⑫ RAISED REFLECTIVE PAVEMENT MARKERS - 2 WAY - AMBER |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING DETAILS
 FAP 502 (IL 57) & RADIO ROAD
 SEC. [53RS-7, PIRS-2]JN, TS
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
 DATE 08-02-04

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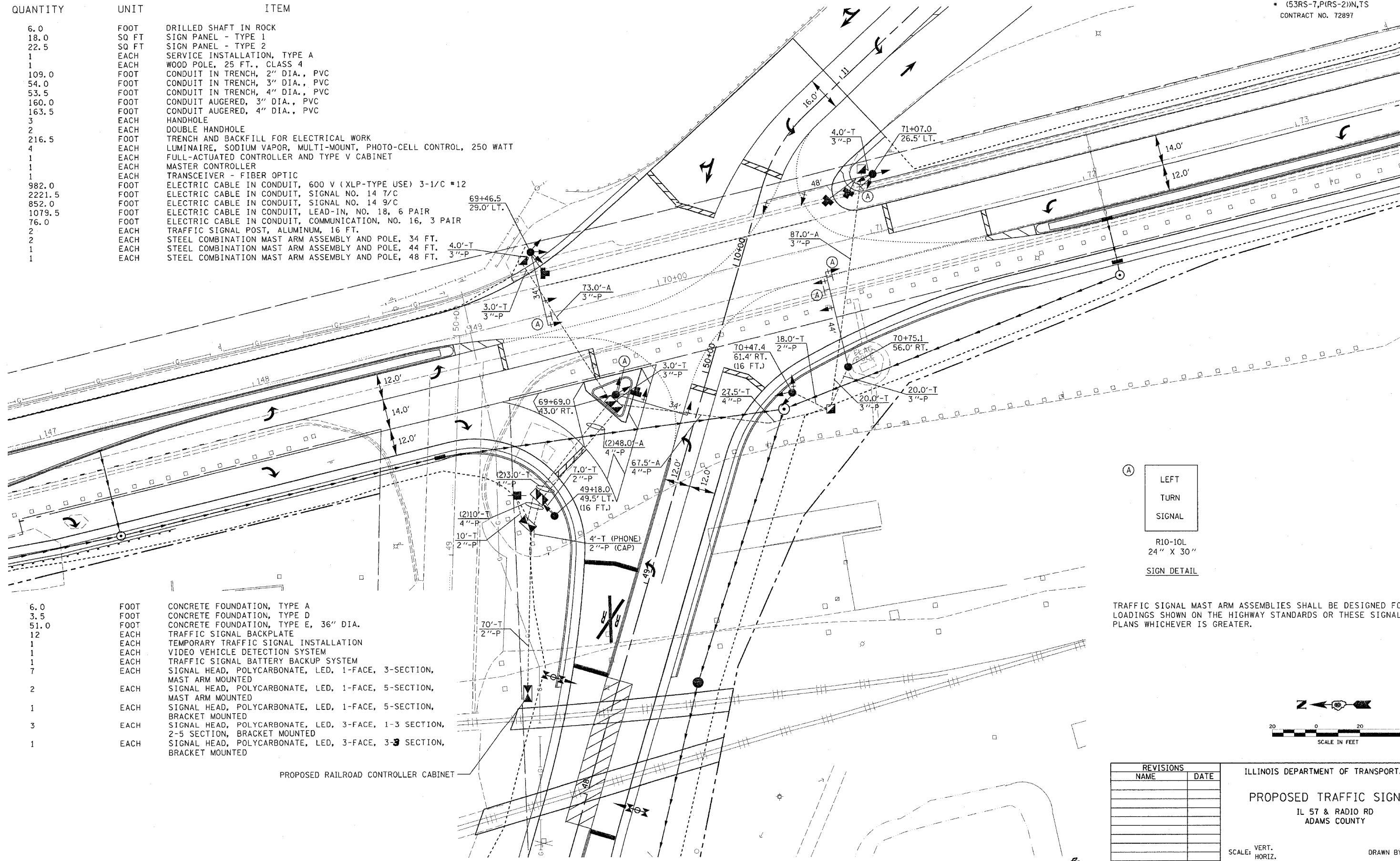
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 2/3/2005
 *REF01

TRAFFIC SIGNAL QUANTITIES

LOCATION: IL 57 & RADIO RD

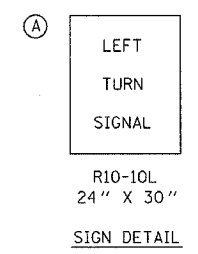
QUANTITY	UNIT	ITEM
6.0	FOOT	DRILLED SHAFT IN ROCK
18.0	SQ FT	SIGN PANEL - TYPE 1
22.5	SQ FT	SIGN PANEL - TYPE 2
1	EACH	SERVICE INSTALLATION, TYPE A
1	EACH	WOOD POLE, 25 FT., CLASS 4
109.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
54.0	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC
53.5	FOOT	CONDUIT IN TRENCH, 4" DIA., PVC
160.0	FOOT	CONDUIT AUGERED, 3" DIA., PVC
163.5	FOOT	CONDUIT AUGERED, 4" DIA., PVC
3	EACH	HANDHOLE
2	EACH	DOUBLE HANDHOLE
216.5	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
4	EACH	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, PHOTO-CELL CONTROL, 250 WATT
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET
1	EACH	MASTER CONTROLLER
1	EACH	TRANSCEIVER - FIBER OPTIC
982.0	FOOT	ELECTRIC CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 3-1/C #12
2221.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 T/C
852.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9/C
1079.5	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18, 6 PAIR
76.0	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 16, 3 PAIR
2	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 34 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 44 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 48 FT.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	315	68
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (53RS-7,P(RS-2))N,TS				
CONTRACT NO. 72897				

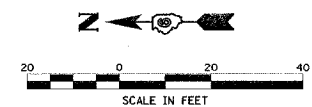


QUANTITY	UNIT	ITEM
6.0	FOOT	CONCRETE FOUNDATION, TYPE A
3.5	FOOT	CONCRETE FOUNDATION, TYPE D
51.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA.
12	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
1	EACH	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
7	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED

PROPOSED RAILROAD CONTROLLER CABINET



TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER.

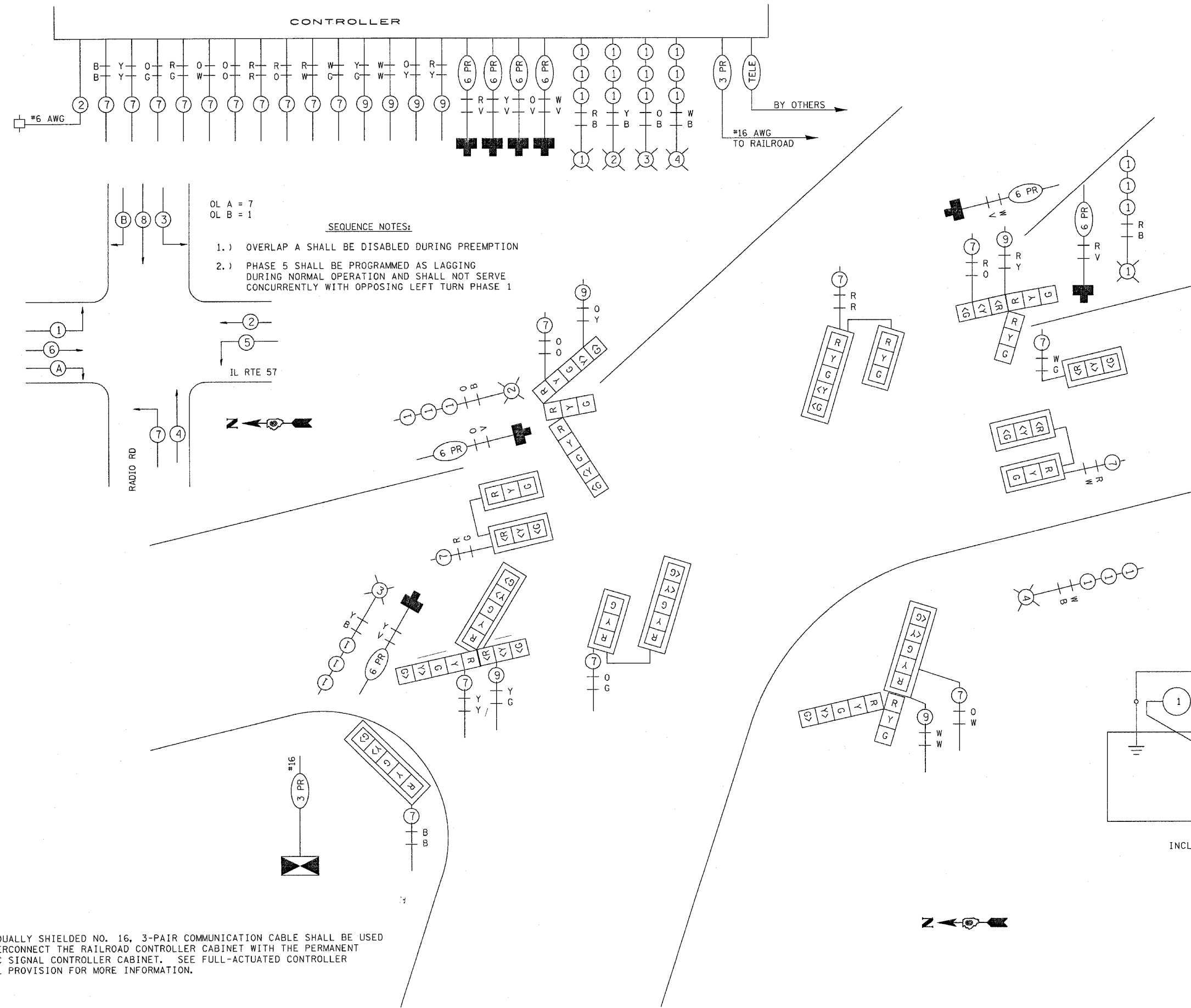


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TRAFFIC SIGNALS
 IL 57 & RADIO RD
 ADAMS COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE: AUG. 2004

DRAWN BY: KDA
 CHECKED BY: _____



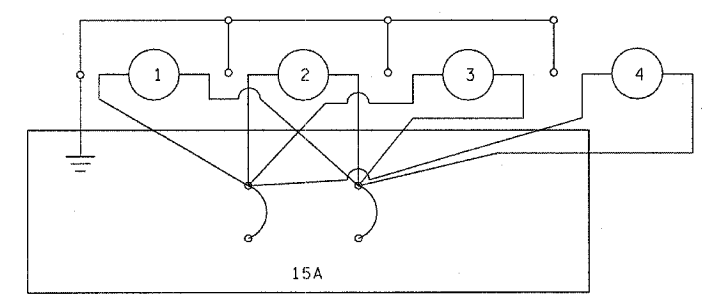
OL A = 7
OL B = 1

SEQUENCE NOTES:

- OVERLAP A SHALL BE DISABLED DURING PREEMPTION
- PHASE 5 SHALL BE PROGRAMMED AS LAGGING DURING NORMAL OPERATION AND SHALL NOT SERVE CONCURRENTLY WITH OPPOSING LEFT TURN PHASE 1

- PREEMPTION SEQUENCE**
- CLEAR FROM CURRENT PHASE TIMING TO PHASES 4 AND 7 FOR TRACK CLEARANCE. OVERLAP A SHALL NOT BE FUNCTIONAL DURING PREEMPTION.
 - UPON COMPLETION OF TRACK CLEARANCE, CONTROLLER SHALL BE ALLOWED TO CYCLE BETWEEN PHASES 1, 2, 3 & 6
 - UPON TRACK CLEARANCE BY TRAIN, THE PREEMPTOR SHALL REVERT TO NORMAL OPERATION AND THE ILLUMINATED SIGNS SHALL BE TURNED OFF

PREEMPTOR #1 AND #2 TO BE PRIORITY, NON-LOCK, ONE SECOND DELAY BEFORE PREEMPT



LIGHTING BREAKER TO BE INCLUDED IN COST OF CONTROLLER.

INDIVIDUALLY SHIELDED NO. 16, 3-PAIR COMMUNICATION CABLE SHALL BE USED TO INTERCONNECT THE RAILROAD CONTROLLER CABINET WITH THE PERMANENT TRAFFIC SIGNAL CONTROLLER CABINET. SEE FULL-ACTUATED CONTROLLER SPECIAL PROVISION FOR MORE INFORMATION.

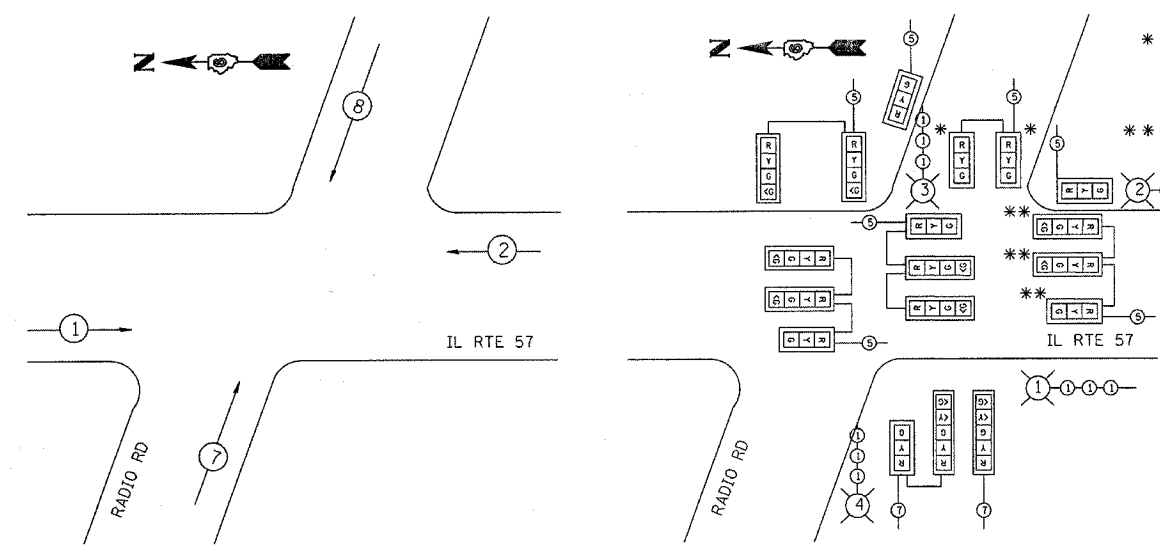
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED WIRING DIAGRAM
IL 57 & RADIO RD
ADAMS COUNTY

SCALE: VERT. DRAWN BY KDA
HORIZ. CHECKED BY
DATE AUG. 2004

* TEMPORARY SIGNAL HEADS FOR PROPOSED WEST APPROACH SHALL NOT OPERATE DURING STAGES 1, 2 & 3 AND SHALL BE COVERED. SIGNAL HEAD WIRING SHALL BE LANDED TO PHASE 4 OF TEMPORARY TRAFFIC SIGNAL CONTROLLER CABINET.

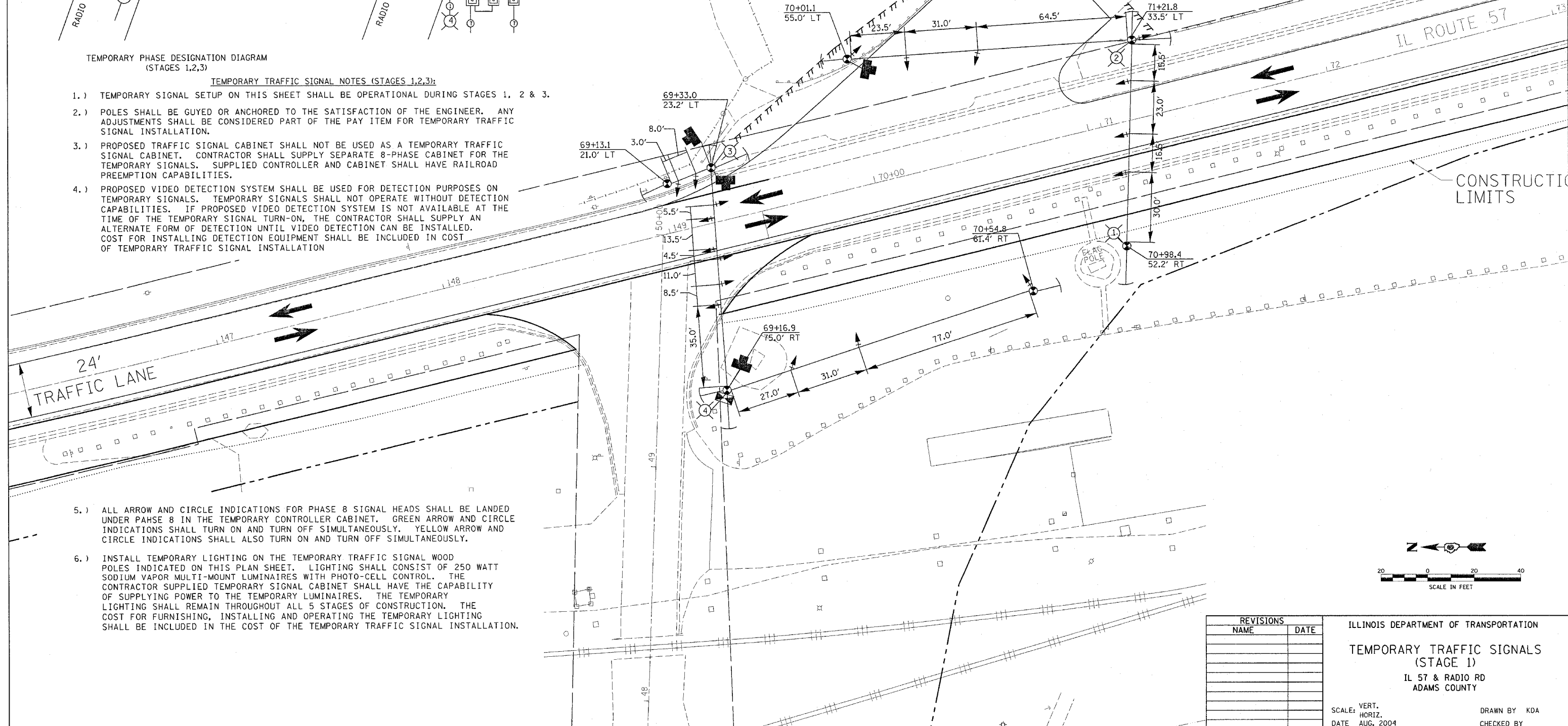
** TEMPORARY SIGNAL HEADS SHALL NOT OPERATE DURING STAGES 1, 2 & 3 AND SHALL BE COVERED. SIGNAL HEAD WIRING SHALL BE LANDED TO PHASE 1 OF TEMPORARY TRAFFIC SIGNAL CONTROLLER CABINET.



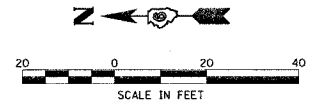
TEMPORARY PHASE DESIGNATION DIAGRAM (STAGES 1,2,3)

TEMPORARY TRAFFIC SIGNAL NOTES (STAGES 1,2,3):

- TEMPORARY SIGNAL SETUP ON THIS SHEET SHALL BE OPERATIONAL DURING STAGES 1, 2 & 3.
- POLES SHALL BE GUYED OR ANCHORED TO THE SATISFACTION OF THE ENGINEER. ANY ADJUSTMENTS SHALL BE CONSIDERED PART OF THE PAY ITEM FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- PROPOSED TRAFFIC SIGNAL CABINET SHALL NOT BE USED AS A TEMPORARY TRAFFIC SIGNAL CABINET. CONTRACTOR SHALL SUPPLY SEPARATE 8-PHASE CABINET FOR THE TEMPORARY SIGNALS. SUPPLIED CONTROLLER AND CABINET SHALL HAVE RAILROAD PREEMPTION CAPABILITIES.
- PROPOSED VIDEO DETECTION SYSTEM SHALL BE USED FOR DETECTION PURPOSES ON TEMPORARY SIGNALS. TEMPORARY SIGNALS SHALL NOT OPERATE WITHOUT DETECTION CAPABILITIES. IF PROPOSED VIDEO DETECTION SYSTEM IS NOT AVAILABLE AT THE TIME OF THE TEMPORARY SIGNAL TURN-ON, THE CONTRACTOR SHALL SUPPLY AN ALTERNATE FORM OF DETECTION UNTIL VIDEO DETECTION CAN BE INSTALLED. COST FOR INSTALLING DETECTION EQUIPMENT SHALL BE INCLUDED IN COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION



- ALL ARROW AND CIRCLE INDICATIONS FOR PHASE 8 SIGNAL HEADS SHALL BE LANDED UNDER PHASE 8 IN THE TEMPORARY CONTROLLER CABINET. GREEN ARROW AND CIRCLE INDICATIONS SHALL TURN ON AND TURN OFF SIMULTANEOUSLY. YELLOW ARROW AND CIRCLE INDICATIONS SHALL ALSO TURN ON AND TURN OFF SIMULTANEOUSLY.
- INSTALL TEMPORARY LIGHTING ON THE TEMPORARY TRAFFIC SIGNAL WOOD POLES INDICATED ON THIS PLAN SHEET. LIGHTING SHALL CONSIST OF 250 WATT SODIUM VAPOR MULTI-MOUNT LUMINAIRES WITH PHOTO-CELL CONTROL. THE CONTRACTOR SUPPLIED TEMPORARY SIGNAL CABINET SHALL HAVE THE CAPABILITY OF SUPPLYING POWER TO THE TEMPORARY LUMINAIRES. THE TEMPORARY LIGHTING SHALL REMAIN THROUGHOUT ALL 5 STAGES OF CONSTRUCTION. THE COST FOR FURNISHING, INSTALLING AND OPERATING THE TEMPORARY LIGHTING SHALL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNALS (STAGE 1)
 IL 57 & RADIO RD
 ADAMS COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE AUG. 2004

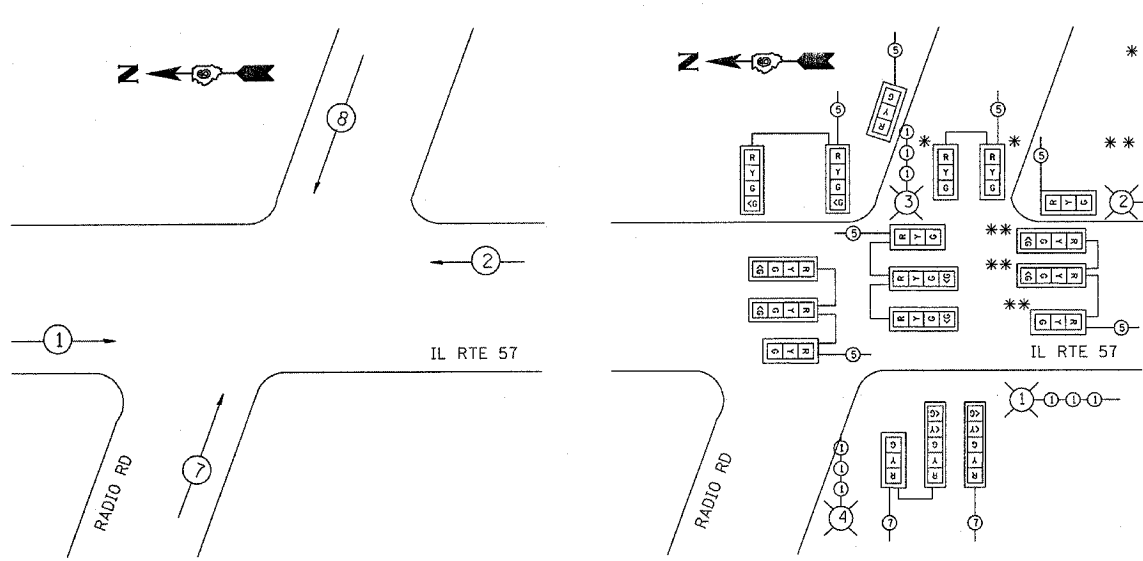
DRAWN BY KDA
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	3/5	7/
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (53RS-7, P(RS-2))N, TS				
CONTRACT NO. 72897				

* TEMPORARY SIGNAL HEADS FOR PROPOSED WEST APPROACH SHALL NOT OPERATE DURING STAGES 1, 2 & 3 AND SHALL BE COVERED. SIGNAL HEAD WIRING SHALL BE LANDED TO PHASE 4 OF TEMPORARY TRAFFIC SIGNAL CONTROLLER CABINET.

** TEMPORARY SIGNAL HEADS SHALL NOT OPERATE DURING STAGES 1, 2 & 3 AND SHALL BE COVERED. SIGNAL HEAD WIRING SHALL BE LANDED TO PHASE 1 OF TEMPORARY TRAFFIC SIGNAL CONTROLLER CABINET.

TEMPORARY PHASE DESIGNATION DIAGRAM (STAGES 1,2,3)



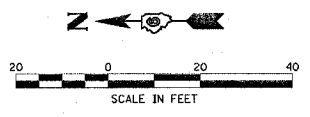
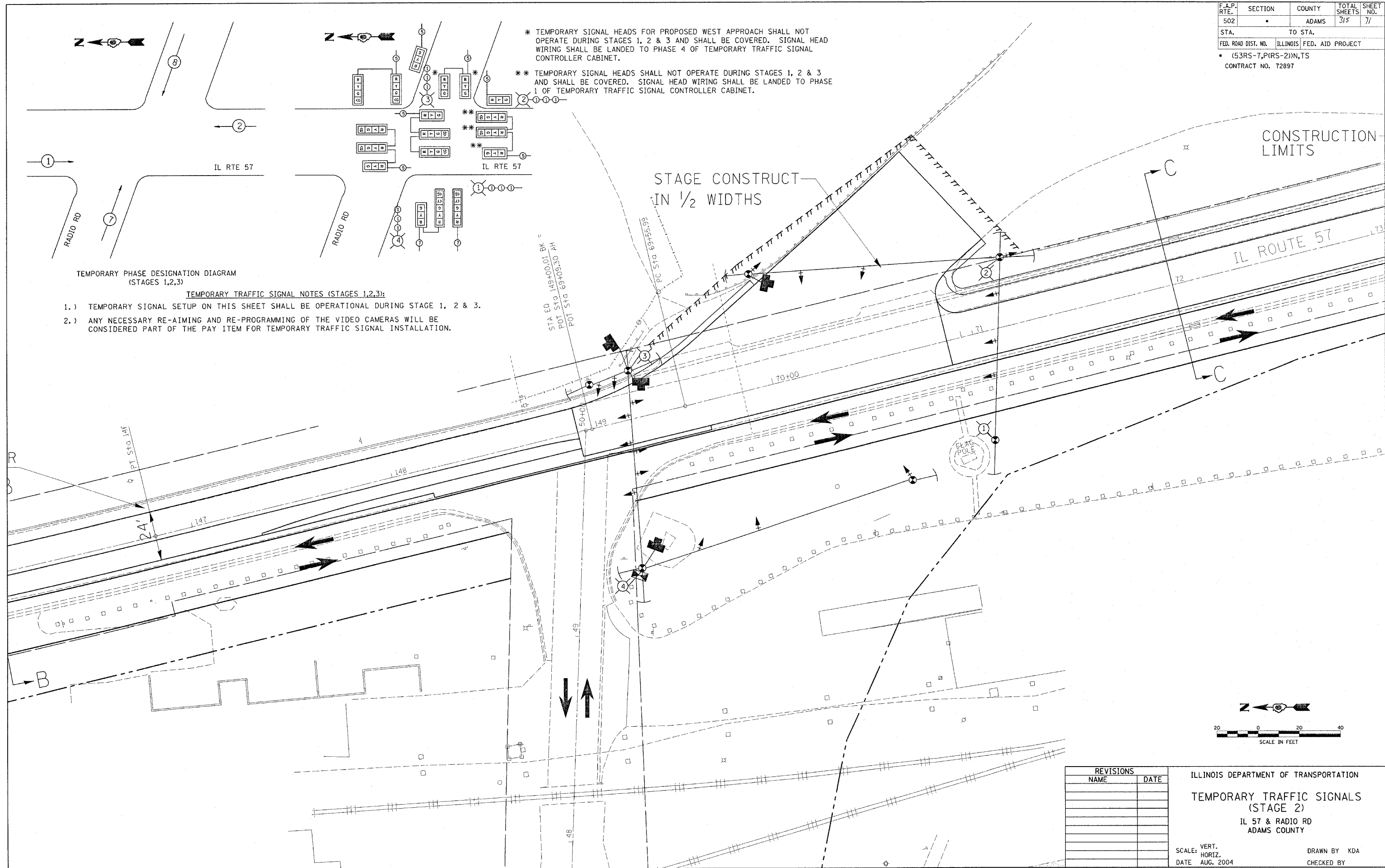
TEMPORARY TRAFFIC SIGNAL NOTES (STAGES 1,2,3):

- 1.) TEMPORARY SIGNAL SETUP ON THIS SHEET SHALL BE OPERATIONAL DURING STAGE 1, 2 & 3.
- 2.) ANY NECESSARY RE-AIMING AND RE-PROGRAMMING OF THE VIDEO CAMERAS WILL BE CONSIDERED PART OF THE PAY ITEM FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

STAGE CONSTRUCT IN 1/2 WIDTHS

CONSTRUCTION LIMITS

IL ROUTE 57



REVISIONS	
NAME	DATE

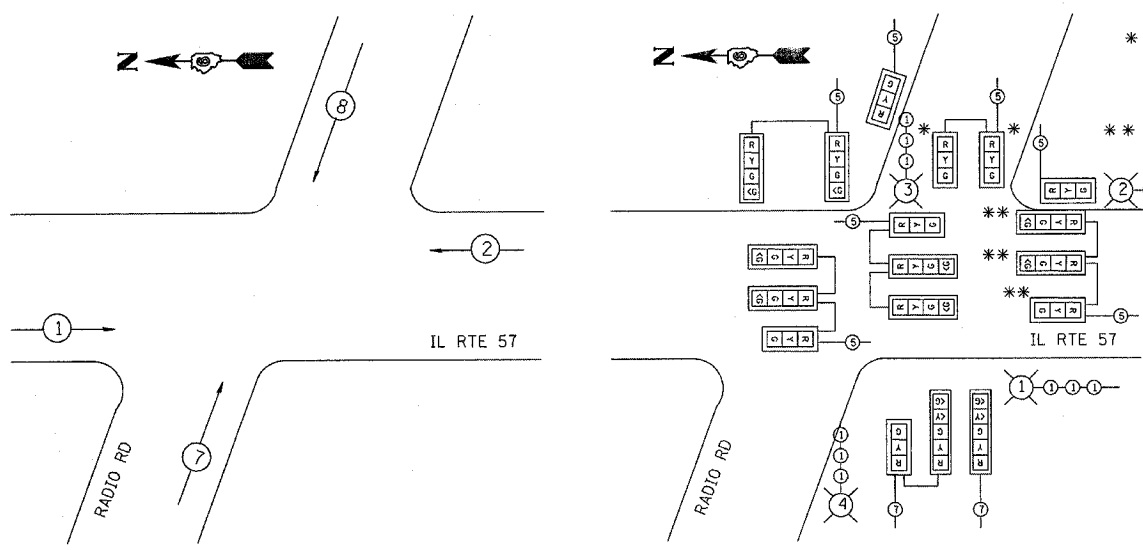
ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNALS
 (STAGE 2)
 IL 57 & RADIO RD
 ADAMS COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE AUG. 2004

DRAWN BY KDA
 CHECKED BY _____

* TEMPORARY SIGNAL HEADS FOR PROPOSED WEST APPROACH SHALL NOT OPERATE DURING STAGES 1, 2 & 3 AND SHALL BE COVERED. SIGNAL HEAD WIRING SHALL BE LANDED TO PHASE 4 OF TEMPORARY TRAFFIC SIGNAL CONTROLLER CABINET.

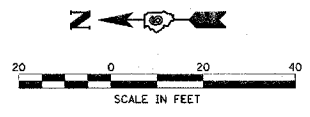
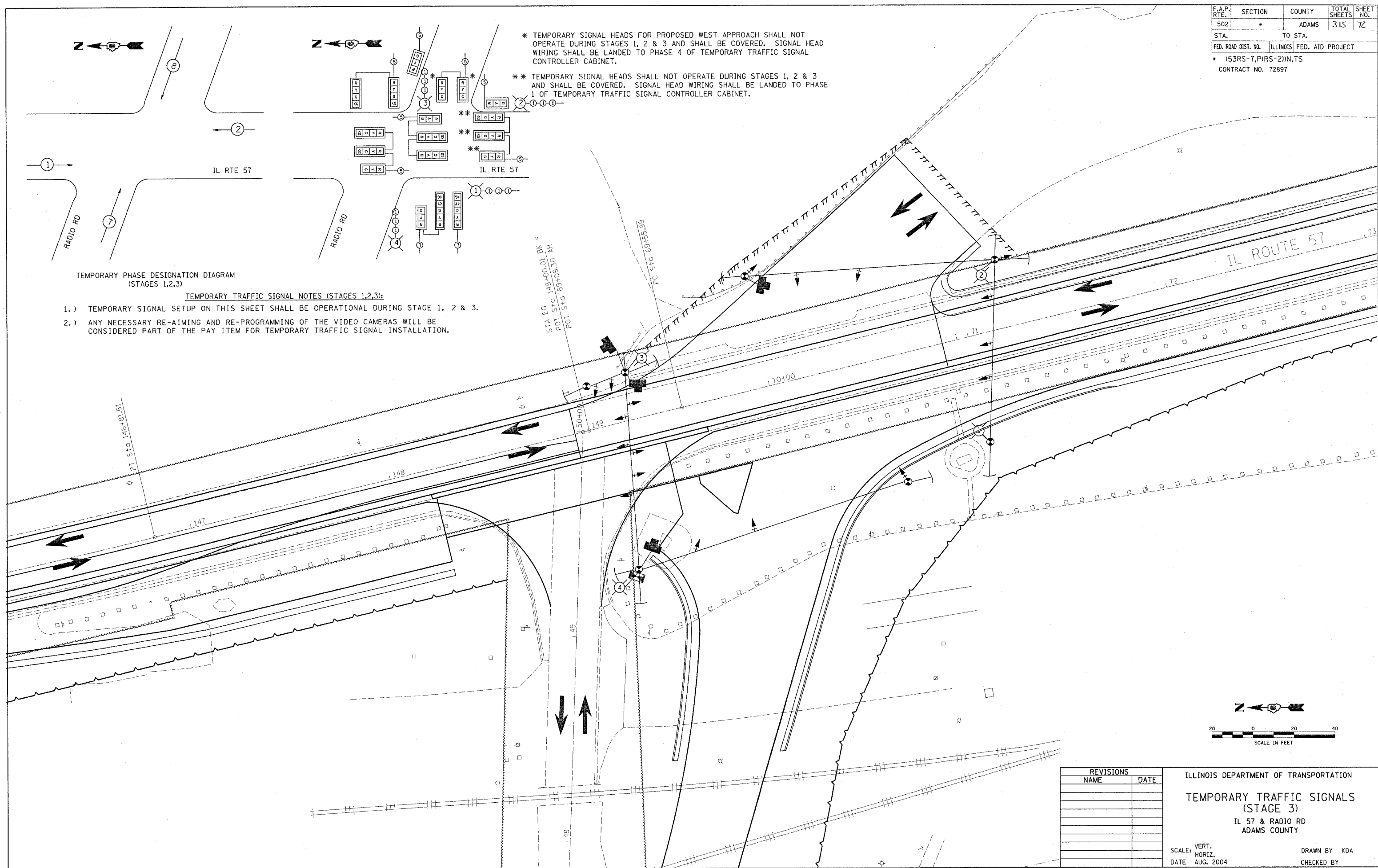
** TEMPORARY SIGNAL HEADS SHALL NOT OPERATE DURING STAGES 1, 2 & 3 AND SHALL BE COVERED. SIGNAL HEAD WIRING SHALL BE LANDED TO PHASE 1 OF TEMPORARY TRAFFIC SIGNAL CONTROLLER CABINET.



TEMPORARY PHASE DESIGNATION DIAGRAM (STAGES 1,2,3)

TEMPORARY TRAFFIC SIGNAL NOTES (STAGES 1,2,3):

- 1.) TEMPORARY SIGNAL SETUP ON THIS SHEET SHALL BE OPERATIONAL DURING STAGE 1, 2 & 3.
- 2.) ANY NECESSARY RE-AIMING AND RE-PROGRAMMING OF THE VIDEO CAMERAS WILL BE CONSIDERED PART OF THE PAY ITEM FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.



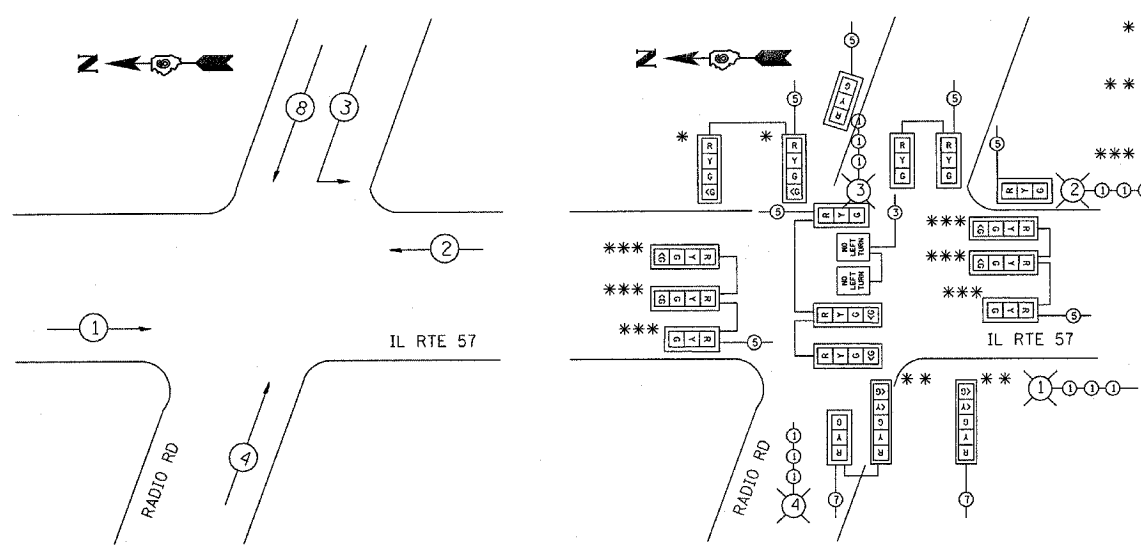
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNALS
 (STAGE 3)
 IL 57 & RADIO RD
 ADAMS COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE AUG. 2004

DRAWN BY KDA
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	73
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (53RS-7, P(RS-2))N, TS				
CONTRACT NO. 72897				



* TEMPORARY SIGNAL HEADS, POLES, AND SPAN WIRE FOR EXISTING WEST APPROACH SHALL NOT OPERATE DURING STAGE 4 AND SHALL BE REMOVED.

** WIRES TO GREEN AND YELLOW ARROWS SHALL BE LANDED ON PHASE 3 TERMINALS OF TEMPORARY CONTROLLER CABINET. PHASE 3 SHALL ALLOW TRAFFIC TO MAKE LEFT TURN DURING RAILROAD PREEMPTION.

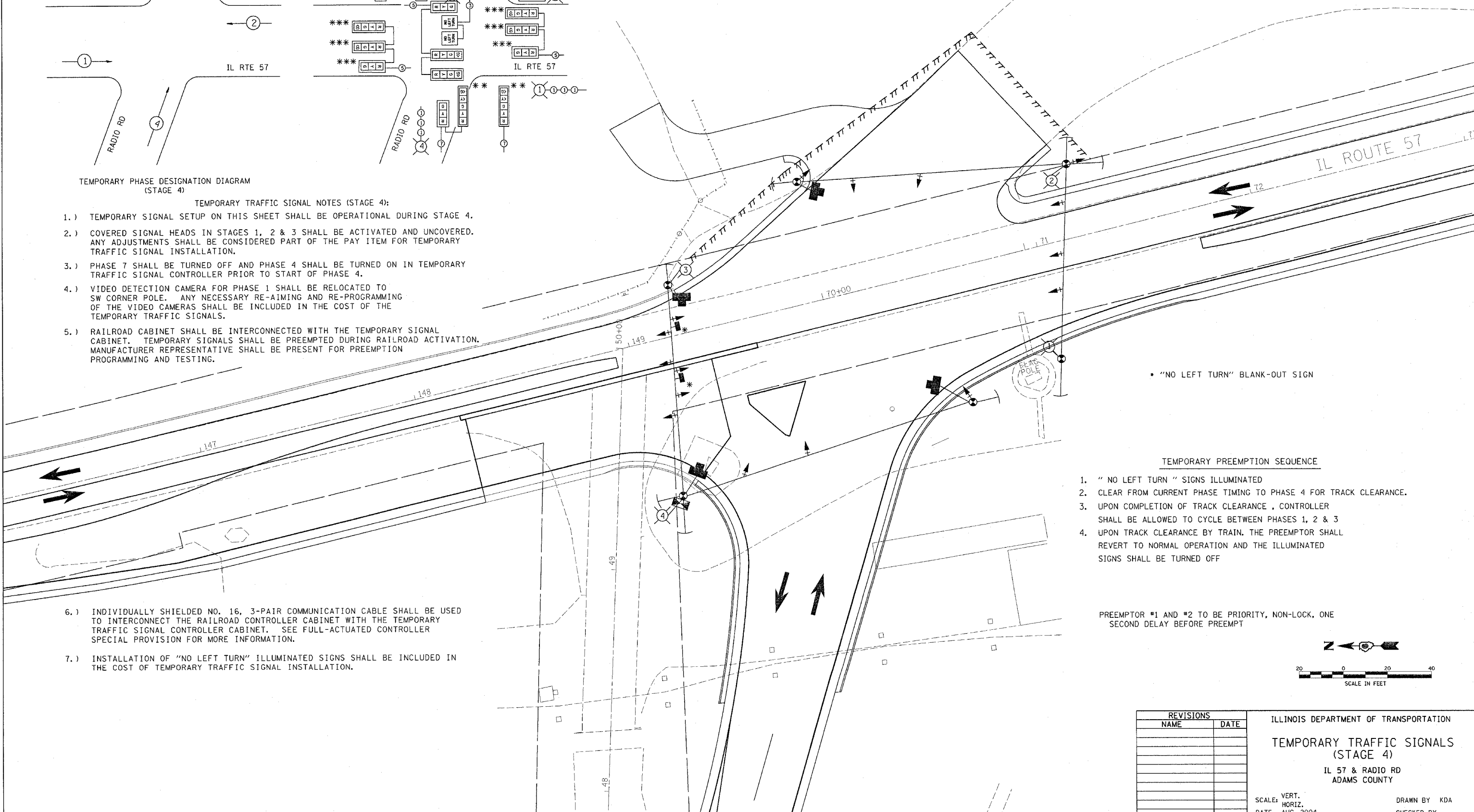
*** NEW PHASE 1 SIGNAL HEADS SHALL BE UNCOVERED AND THE ORIGINAL PHASE 1 SIGNAL HEADS SHALL BE COVERED.

TEMPORARY PHASE DESIGNATION DIAGRAM (STAGE 4)

TEMPORARY TRAFFIC SIGNAL NOTES (STAGE 4):

- 1.) TEMPORARY SIGNAL SETUP ON THIS SHEET SHALL BE OPERATIONAL DURING STAGE 4.
- 2.) COVERED SIGNAL HEADS IN STAGES 1, 2 & 3 SHALL BE ACTIVATED AND UNCOVERED. ANY ADJUSTMENTS SHALL BE CONSIDERED PART OF THE PAY ITEM FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- 3.) PHASE 7 SHALL BE TURNED OFF AND PHASE 4 SHALL BE TURNED ON IN TEMPORARY TRAFFIC SIGNAL CONTROLLER PRIOR TO START OF PHASE 4.
- 4.) VIDEO DETECTION CAMERA FOR PHASE 1 SHALL BE RELOCATED TO SW CORNER POLE. ANY NECESSARY RE-AIMING AND RE-PROGRAMMING OF THE VIDEO CAMERAS SHALL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNALS.
- 5.) RAILROAD CABINET SHALL BE INTERCONNECTED WITH THE TEMPORARY SIGNAL CABINET. TEMPORARY SIGNALS SHALL BE PREEMPTED DURING RAILROAD ACTIVATION. MANUFACTURER REPRESENTATIVE SHALL BE PRESENT FOR PREEMPTION PROGRAMMING AND TESTING.

- 6.) INDIVIDUALLY SHIELDED NO. 16, 3-PAIR COMMUNICATION CABLE SHALL BE USED TO INTERCONNECT THE RAILROAD CONTROLLER CABINET WITH THE TEMPORARY TRAFFIC SIGNAL CONTROLLER CABINET. SEE FULL-ACTUATED CONTROLLER SPECIAL PROVISION FOR MORE INFORMATION.
- 7.) INSTALLATION OF "NO LEFT TURN" ILLUMINATED SIGNS SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.

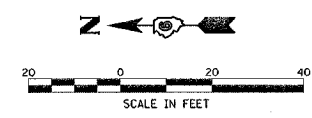


* "NO LEFT TURN" BLANK-OUT SIGN

TEMPORARY PREEMPTION SEQUENCE

1. "NO LEFT TURN" SIGNS ILLUMINATED
2. CLEAR FROM CURRENT PHASE TIMING TO PHASE 4 FOR TRACK CLEARANCE.
3. UPON COMPLETION OF TRACK CLEARANCE, CONTROLLER SHALL BE ALLOWED TO CYCLE BETWEEN PHASES 1, 2 & 3
4. UPON TRACK CLEARANCE BY TRAIN. THE PREEMPTOR SHALL REVERT TO NORMAL OPERATION AND THE ILLUMINATED SIGNS SHALL BE TURNED OFF

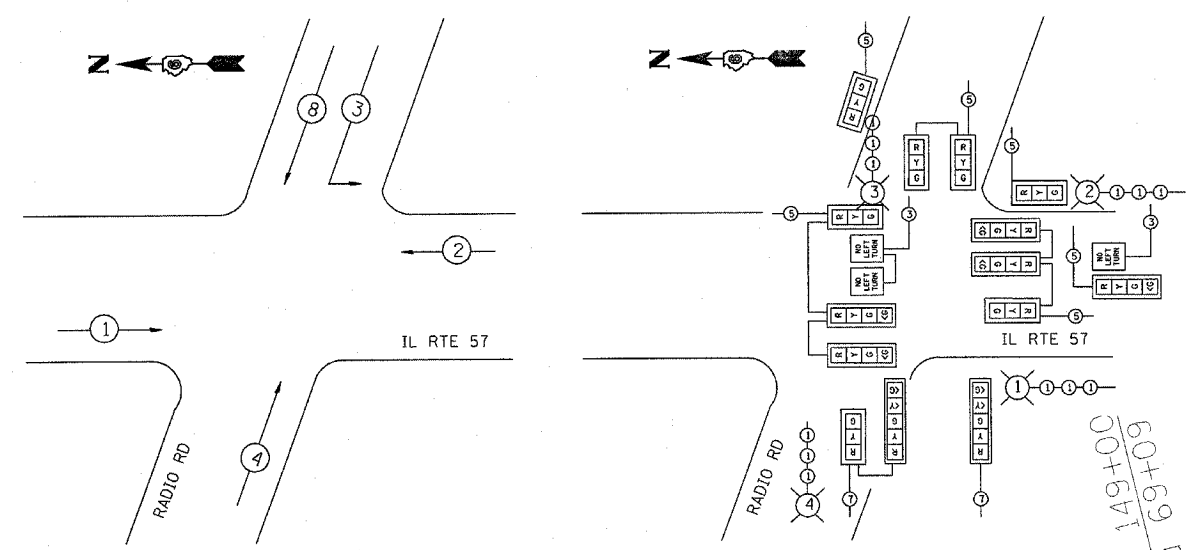
PREEMPTOR #1 AND #2 TO BE PRIORITY, NON-LOCK, ONE SECOND DELAY BEFORE PREEMPT



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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNALS
 (STAGE 4)
 IL 57 & RADIO RD
 ADAMS COUNTY

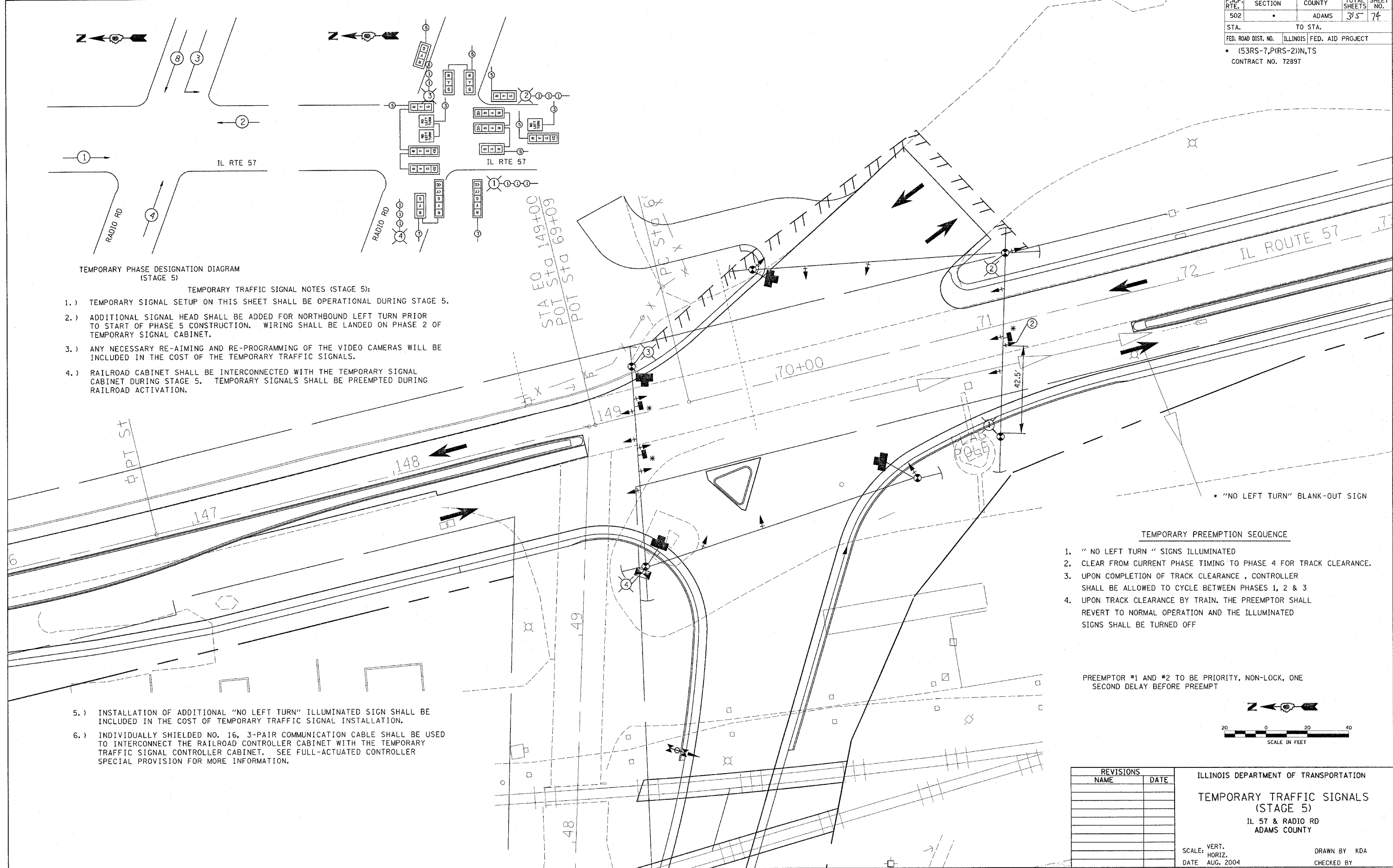
SCALE: VERT. _____
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 DATE AUG. 2004
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TEMPORARY PHASE DESIGNATION DIAGRAM (STAGE 5)

TEMPORARY TRAFFIC SIGNAL NOTES (STAGE 5):

- 1.) TEMPORARY SIGNAL SETUP ON THIS SHEET SHALL BE OPERATIONAL DURING STAGE 5.
- 2.) ADDITIONAL SIGNAL HEAD SHALL BE ADDED FOR NORTHBOUND LEFT TURN PRIOR TO START OF PHASE 5 CONSTRUCTION. WIRING SHALL BE LANDED ON PHASE 2 OF TEMPORARY SIGNAL CABINET.
- 3.) ANY NECESSARY RE-AIMING AND RE-PROGRAMMING OF THE VIDEO CAMERAS WILL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNALS.
- 4.) RAILROAD CABINET SHALL BE INTERCONNECTED WITH THE TEMPORARY SIGNAL CABINET DURING STAGE 5. TEMPORARY SIGNALS SHALL BE PREEMPTED DURING RAILROAD ACTIVATION.



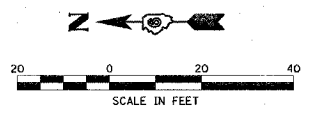
- 5.) INSTALLATION OF ADDITIONAL "NO LEFT TURN" ILLUMINATED SIGN SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- 6.) INDIVIDUALLY SHIELDED NO. 16, 3-PAIR COMMUNICATION CABLE SHALL BE USED TO INTERCONNECT THE RAILROAD CONTROLLER CABINET WITH THE TEMPORARY TRAFFIC SIGNAL CONTROLLER CABINET. SEE FULL-ACTUATED CONTROLLER SPECIAL PROVISION FOR MORE INFORMATION.

* "NO LEFT TURN" BLANK-OUT SIGN

TEMPORARY PREEMPTION SEQUENCE

1. "NO LEFT TURN" SIGNS ILLUMINATED
2. CLEAR FROM CURRENT PHASE TIMING TO PHASE 4 FOR TRACK CLEARANCE.
3. UPON COMPLETION OF TRACK CLEARANCE, CONTROLLER SHALL BE ALLOWED TO CYCLE BETWEEN PHASES 1, 2 & 3
4. UPON TRACK CLEARANCE BY TRAIN, THE PREEMPTOR SHALL REVERT TO NORMAL OPERATION AND THE ILLUMINATED SIGNS SHALL BE TURNED OFF

PREEMPTOR #1 AND #2 TO BE PRIORITY, NON-LOCK, ONE SECOND DELAY BEFORE PREEMPT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNALS (STAGE 5)
 IL 57 & RADIO RD
 ADAMS COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE AUG. 2004

DRAWN BY KDA
 CHECKED BY _____

TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		AERIAL CABLE
		CONDUIT
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		SIDEWALK REMOVAL IN SO FT
		PC CONC SDWLK 4 IN. IN SO FT
		PC CONC SDWLK 4 IN. SPECIAL IN SO FT

LENGTH - CONSTRUCTION (T=TRENCH P=PUSHED A=AUGERED E=EXISTING)
 SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT U=UNI-DUCT)

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

EXISTING	PROPOSED	DESCRIPTION
		8" SIGNAL SECTION
		DIRECTIONAL SIGNAL SECTION
		9" PEDESTRIAN SIGNAL FACE
		12" PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION
		INDUCTION DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		DIRECT-CONNECTED LOOP LEAD-IN (TWISTED)
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		ELECTRIC CABLE TO BE REMOVED
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R= RED W= WHITE Y= YELLOW G= GREEN B= BLUE O= ORANGE)
		PEDESTRIAN PUSHBUTTON DETECTOR

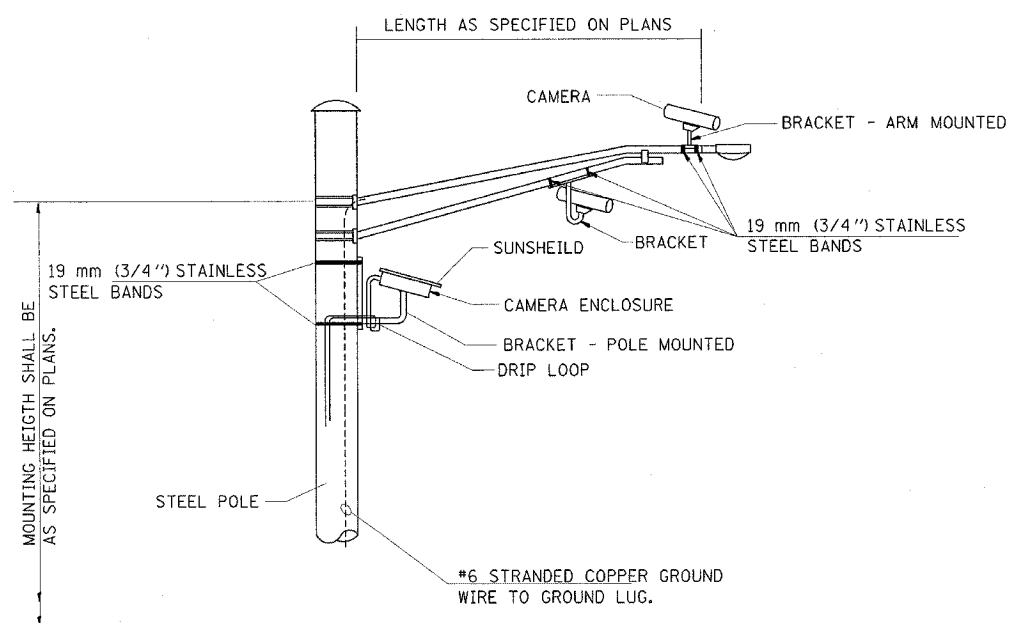
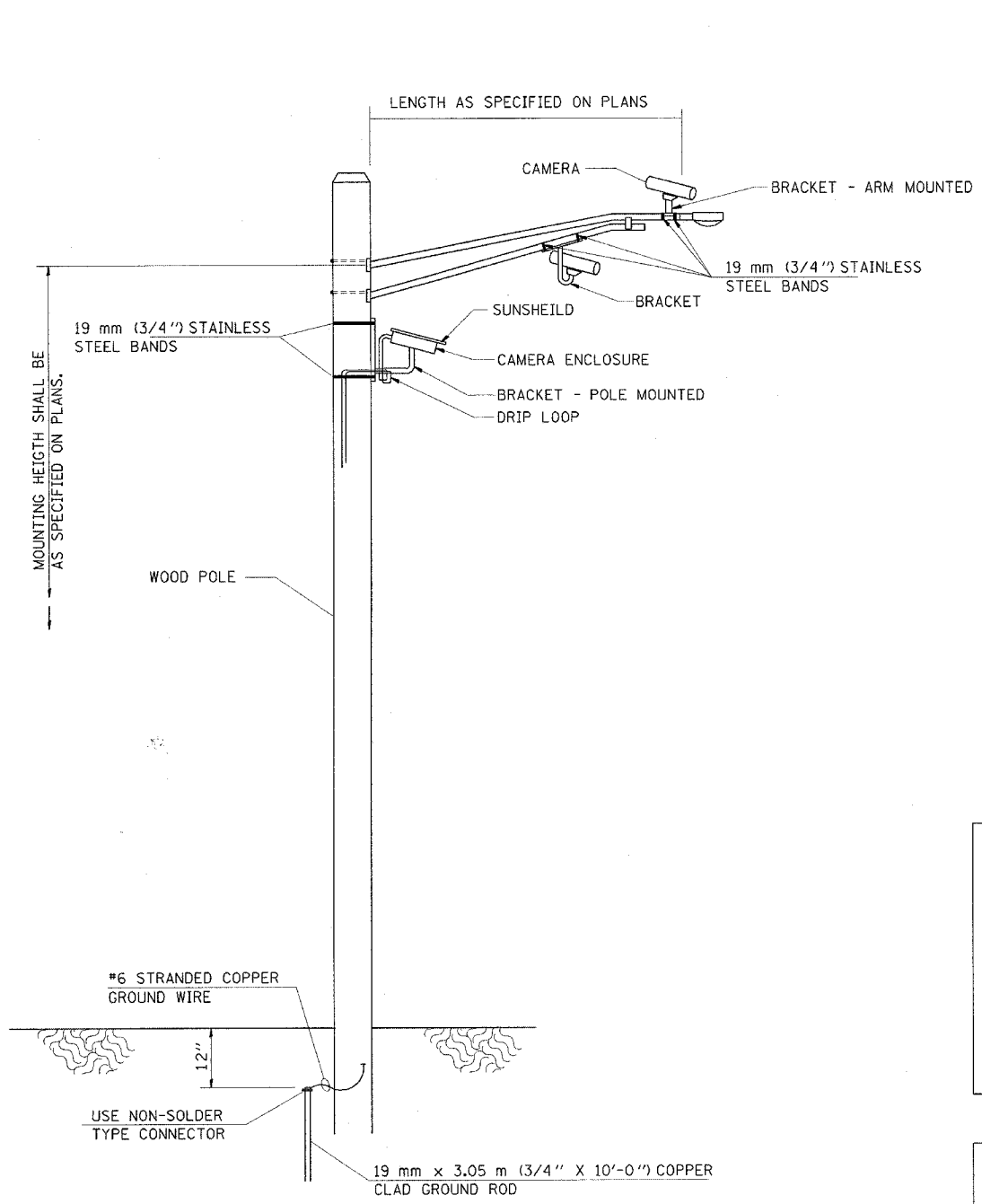
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

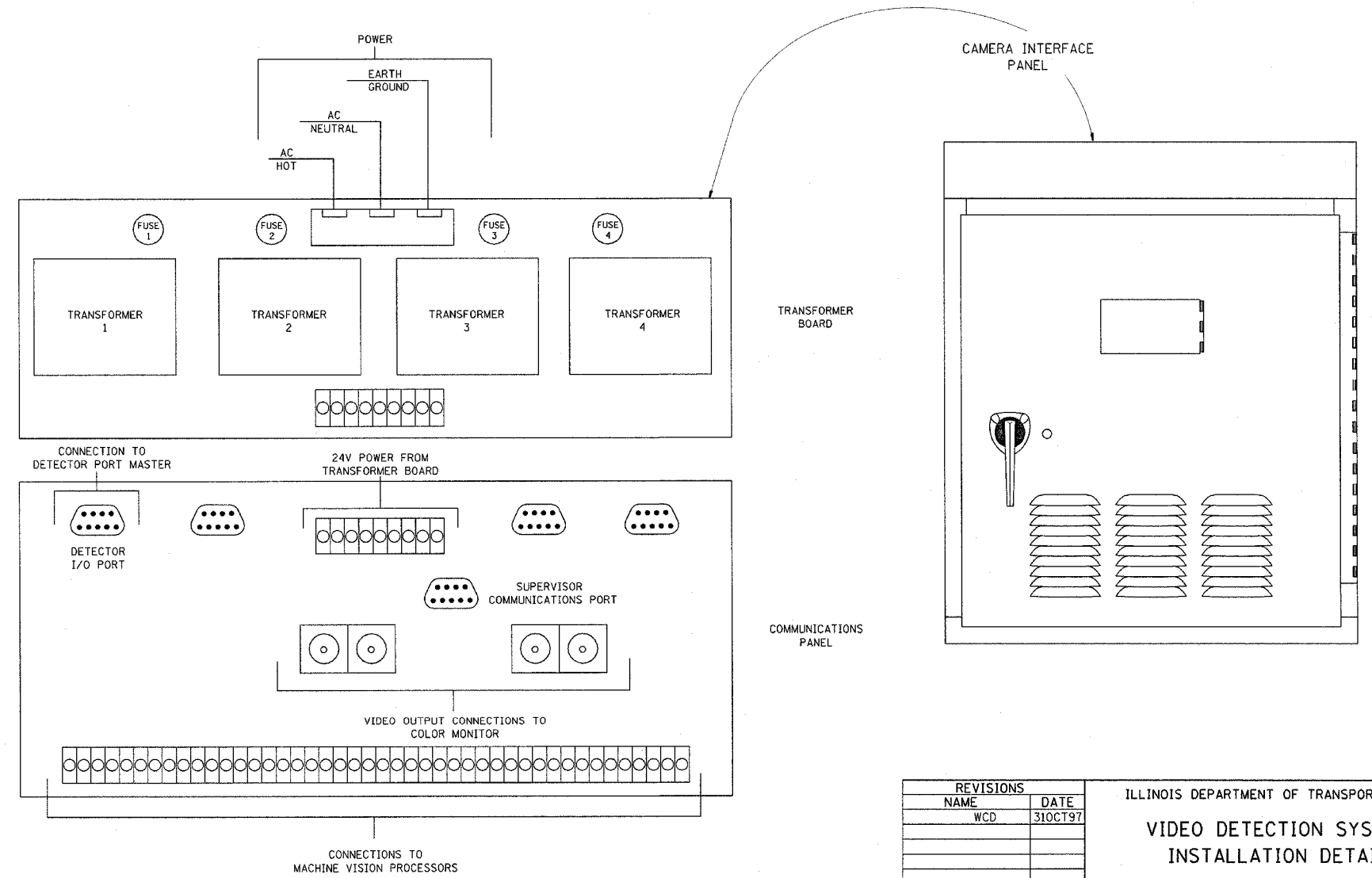
TRAFFIC SIGNAL LEGEND

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

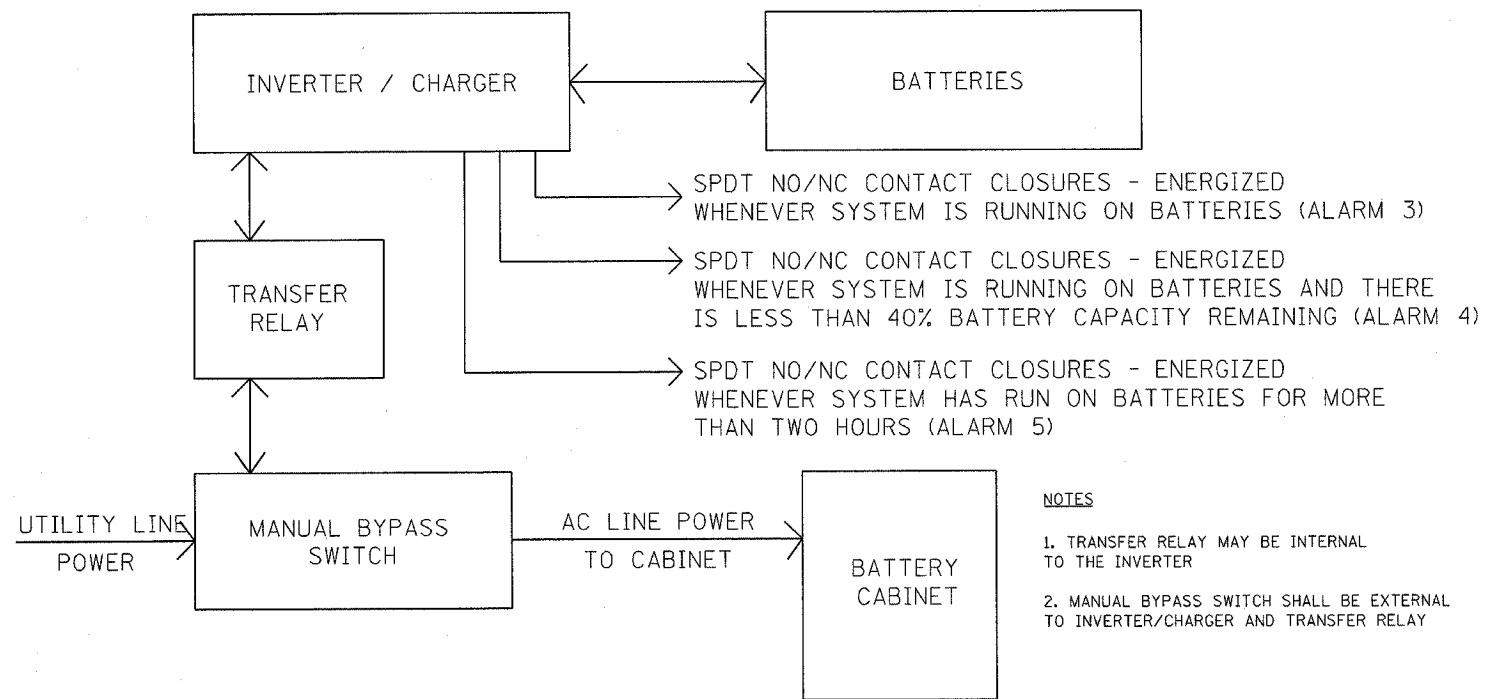


**VIDEO DETECTION SYSTEM INSTALLATION
ARM MOUNTED OR POLE MOUNTED CAMERA**



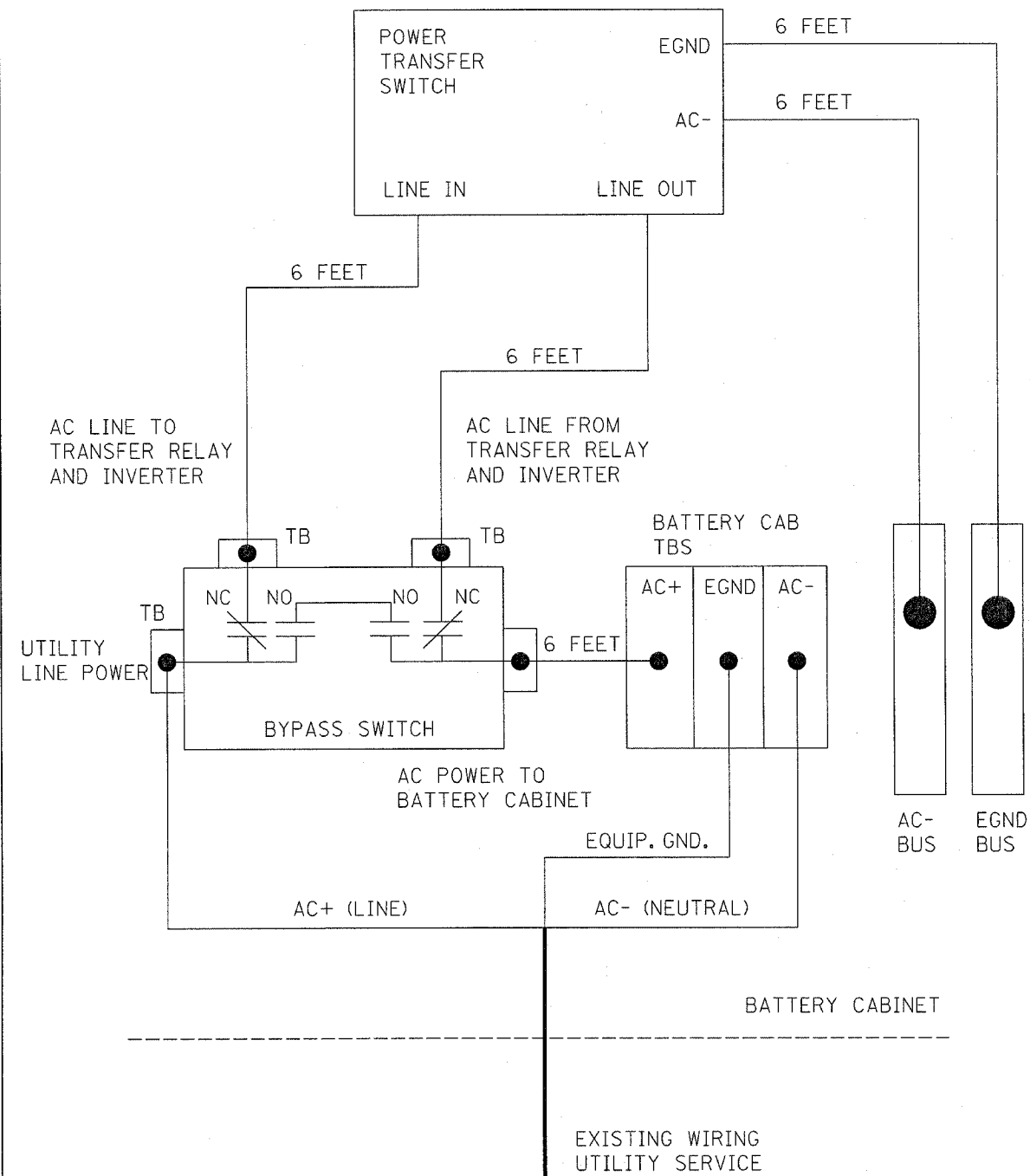
REVISIONS	
NAME	DATE
WCD	31OCT97

ILLINOIS DEPARTMENT OF TRANSPORTATION
**VIDEO DETECTION SYSTEM
 INSTALLATION DETAIL**
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

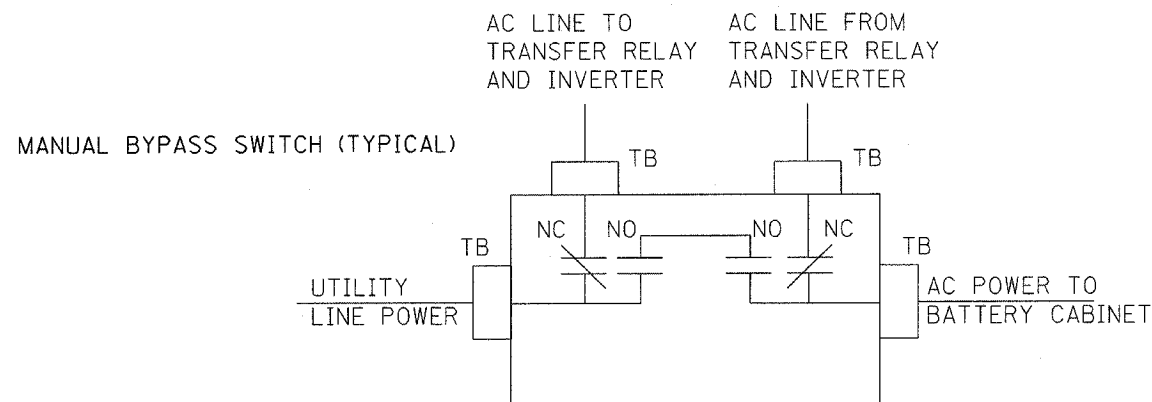


BATTERY BACKUP SYSTEM (BBS) BLOCK DIAGRAM

- NOTES**
1. TRANSFER RELAY MAY BE INTERNAL TO THE INVERTER
 2. MANUAL BYPASS SWITCH SHALL BE EXTERNAL TO INVERTER/CHARGER AND TRANSFER RELAY

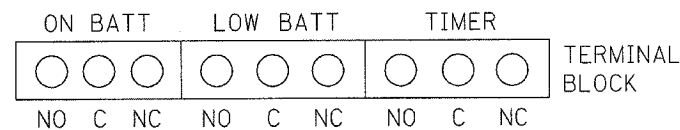


BBS UTILITY POWER CONNECTION DIAGRAM



- NOTES**
1. TB - *8 TERMINAL BLOCKS
 2. NO - NORMALLY OPEN
 3. NC - NORMALLY CLOSED
 4. NO/NC CONTACTS SHALL ALL TOGGLE SIMULTANEOUSLY WITH ONE SINGLE MANUALLY OPERATED SWITCH
 5. MANUAL BYPASS SWITCH SHALL ONLY SWITCH LINE. NEUTRAL AND EQUIPMENT GROUND ARE NOT SWITCHED AND SHALL BE CONNECTED TO BATTERY CABINET BUSES

RELAY CONTACTS (NO/NC) AVAILABLE ON PANEL-MOUNTED TERMINAL BLOCK (TYPICAL)



- NOTES**
1. NO/NC CONTACTS MAY EITHER SHARE OR USE SEPARATE COMMONS

BATTERY BACKUP SYSTEM (BBS) BLOCK DIAGRAM

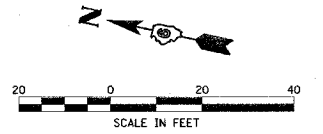
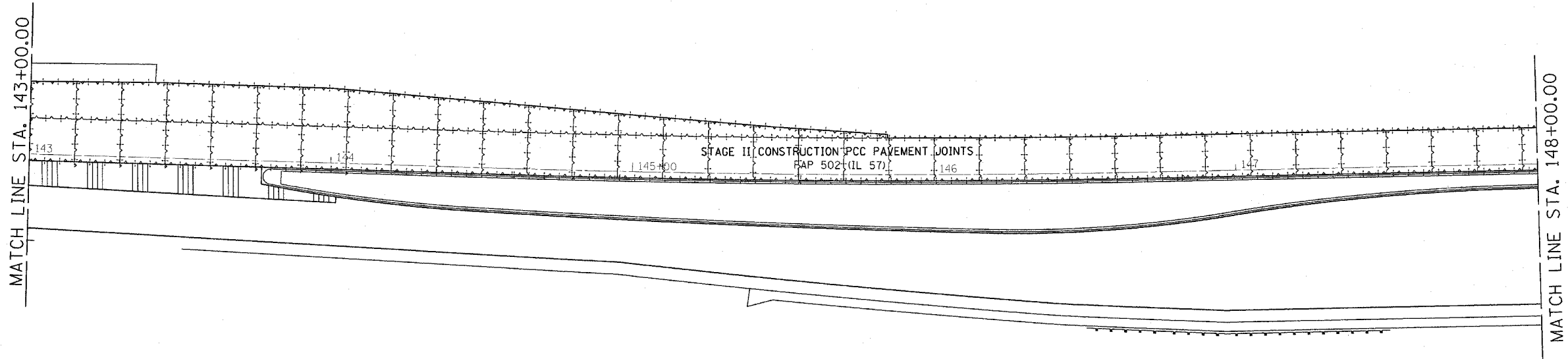
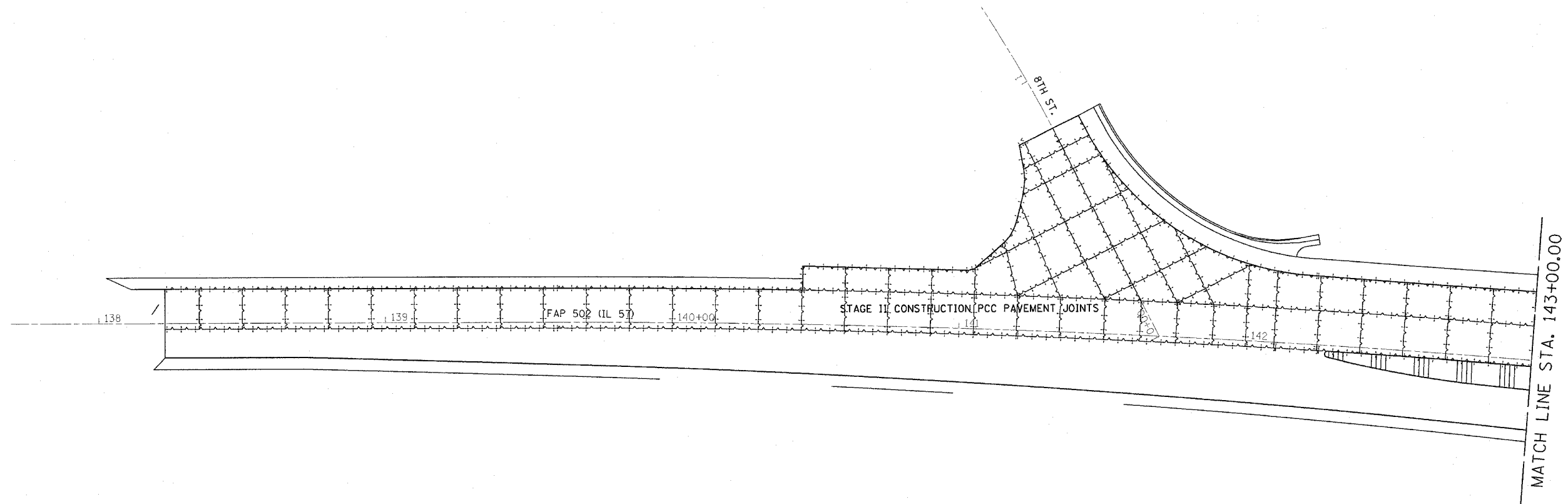
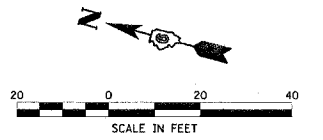
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BATTERY BACKUP SYSTEM DETAILS

SCALE: VERT. DRAWN BY
HORIZ. CHECKED BY
DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	*	ADAMS	315	80
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• (53RS-7, PIRS-2)JN, TS

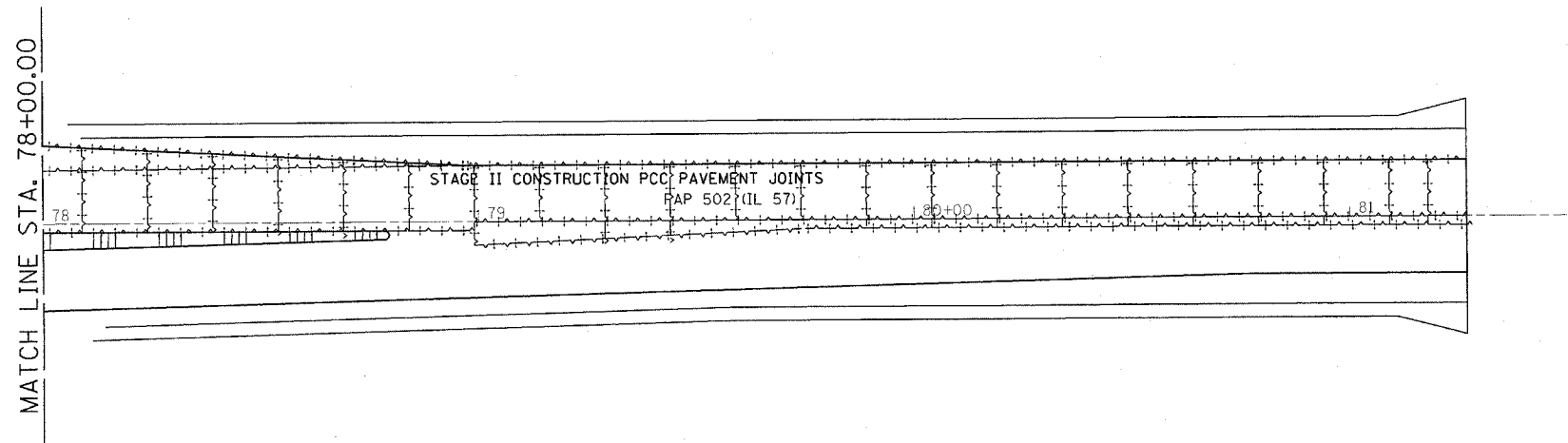
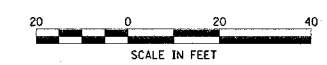
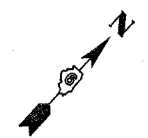


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PCC PAVEMENT JOINTS
 STAGE II CONSTRUCTION
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)JN, TS
 ADAMS COUNTY
 QUINCY, IL. DRAWN BY TMJ
 SCALE: VERT. DATE 09-24-04 HORIZ. CHECKED BY MEB

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 REFERENCE = \$REF\$

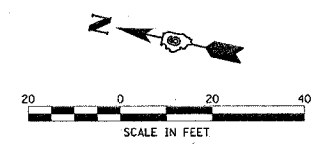
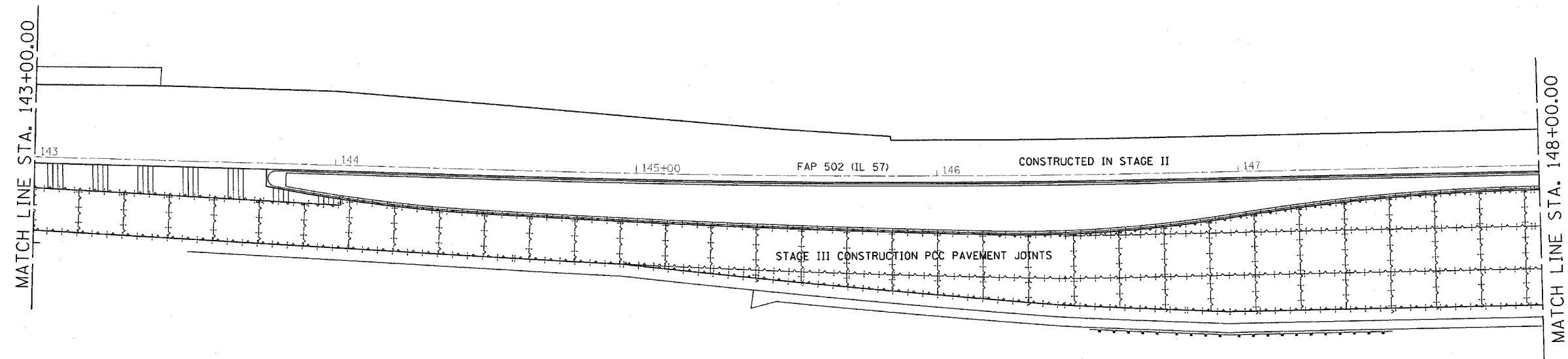
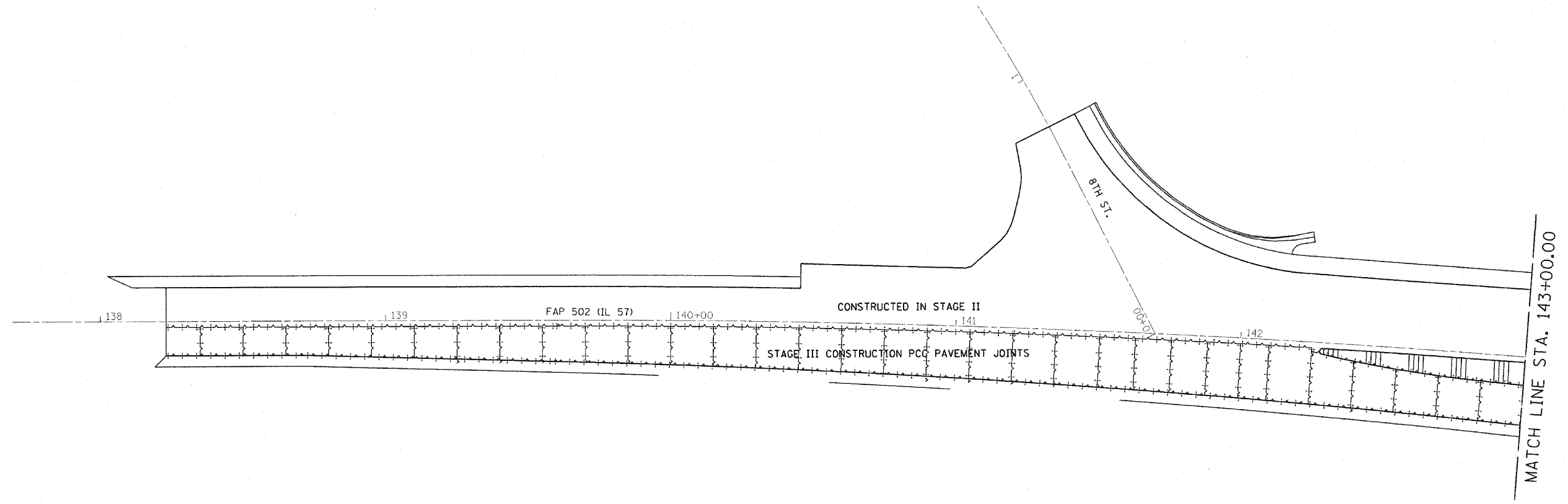
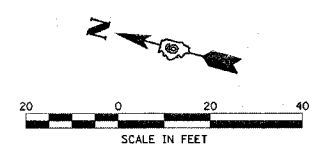
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502	.	ADAMS	315	82
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		• (53RS-7, PIRS-2)IN, TS		



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 REFERENCE = #REF#

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PCC PAVEMENT JOINTS
NAME	DATE	
		STAGE II CONSTRUCTION FAP 502 (IL 57) & RADIO ROAD SEC. (53RS-7, PIRS-2)IN, TS ADAMS COUNTY QUINCY, IL.
SCALE:	VERT. DATE	HORIZ. 09-24-04
	DRAWN BY	TMJ
	CHECKED BY	MEB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	.	ADAMS	315	83
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• [53RS-7, P[RS-2]N, TS				



REVISIONS	
NAME	DATE

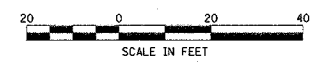
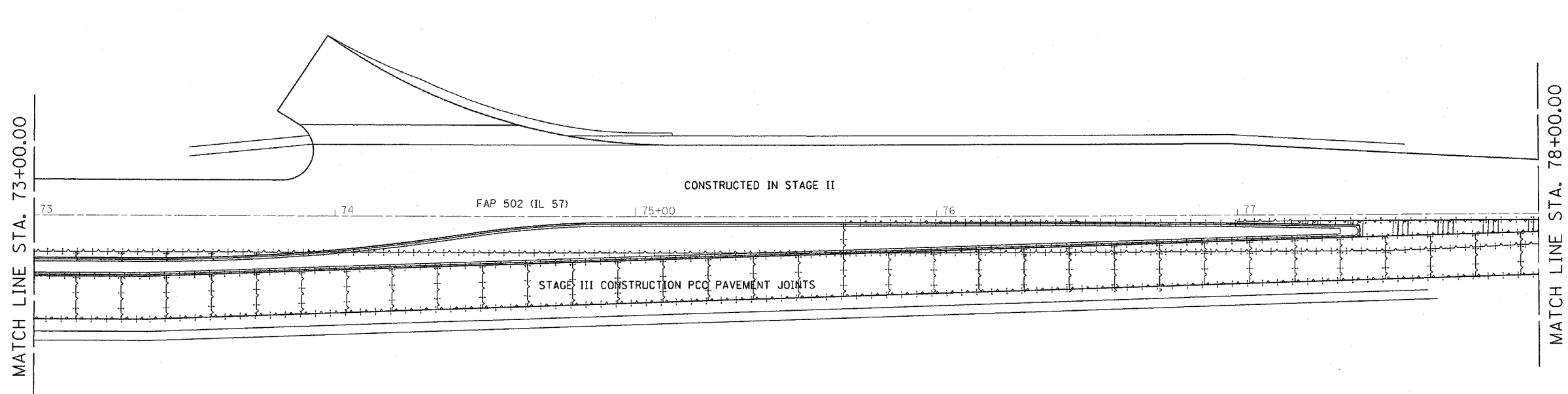
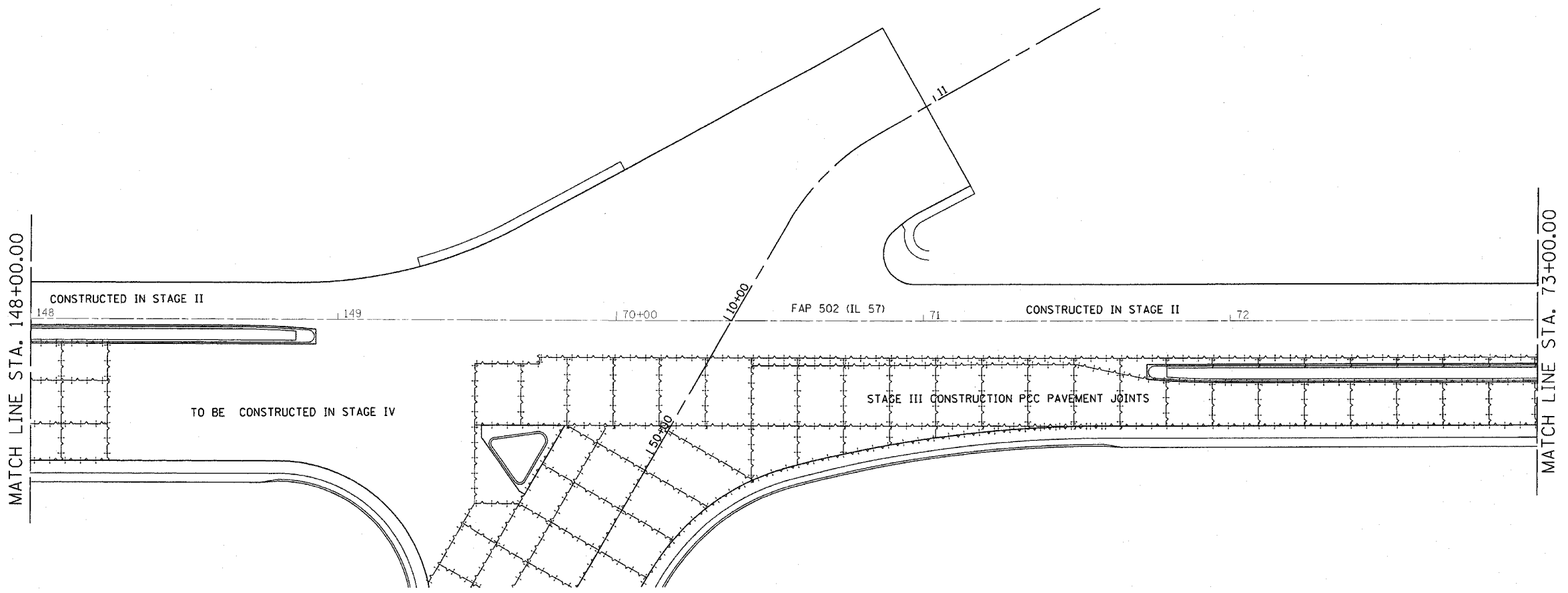
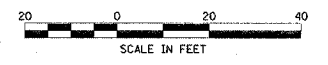
ILLINOIS DEPARTMENT OF TRANSPORTATION
PCC PAVEMENT JOINTS
 STAGE III CONSTRUCTION
 FAP 502 (IL 57) & RADIO ROAD
 SEC. [53RS-7, P[RS-2]N, TS
 ADAMS COUNTY
 QUINCY, IL.
 SCALE: VERT. _____
 HORIZ. _____
 DATE 09-24-04
 DRAWN BY TMJ
 CHECKED BY MEB

PLOT DATE = 2/3/2005
 PLOT TIME = 10:55:00 AM
 PLOT SCALE = 24.000000 / IN.
 REFERENCE = \$REF\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	84

STA. TO STA.
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

• (53RS-7, P(RS-2)N, TS

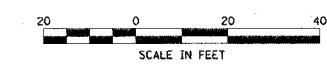
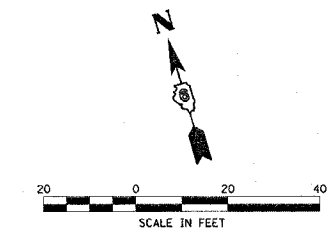
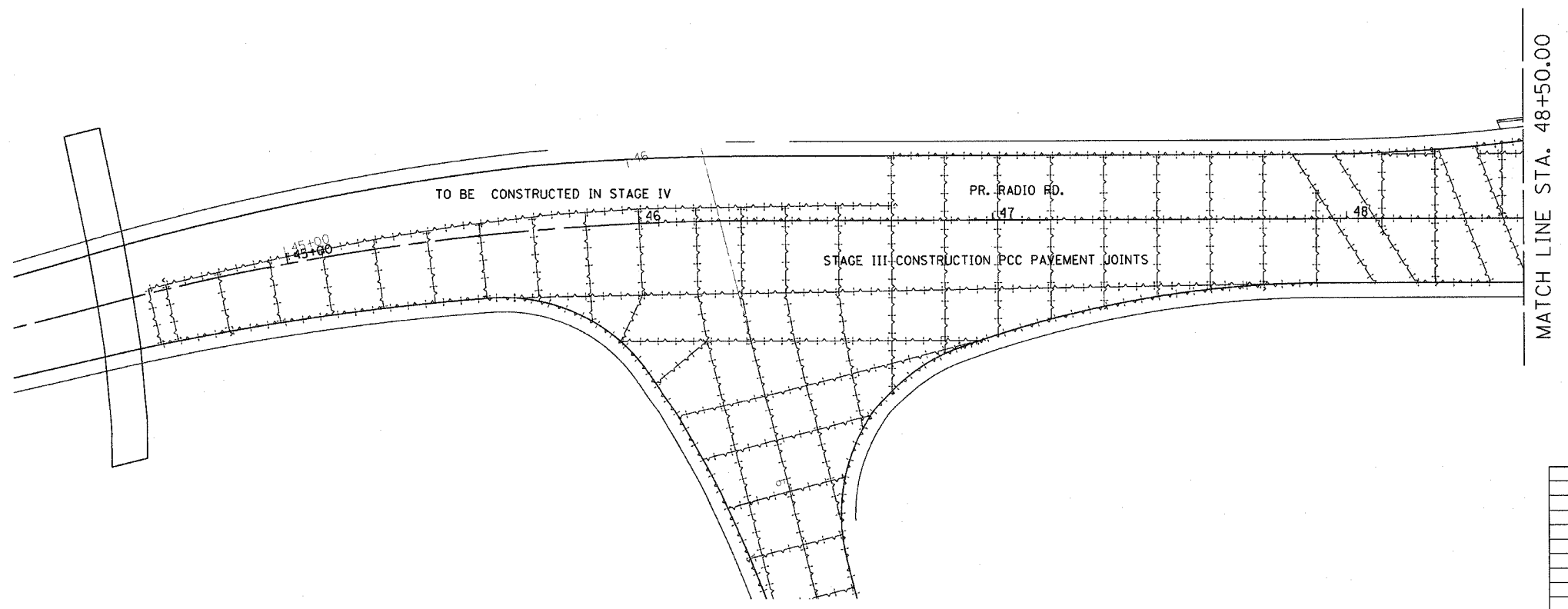
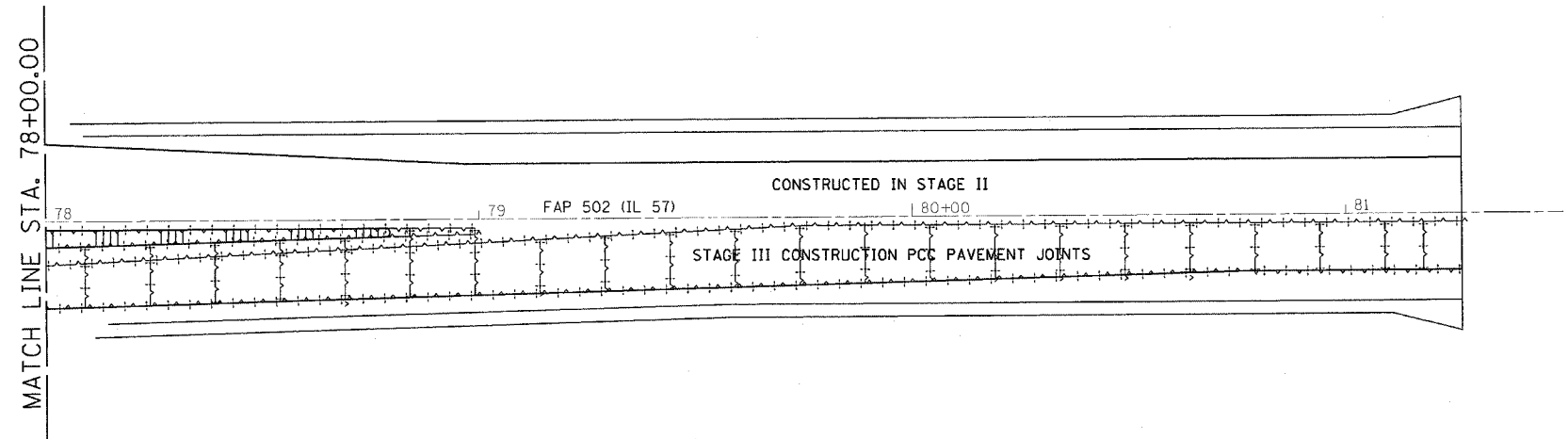
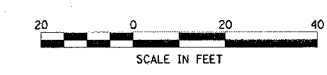


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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PCC PAVEMENT JOINTS
 STAGE III CONSTRUCTION
 FAP 502 (IL 57) & RADIO ROAD
 SEC. [53RS-7, P(RS-2)N, TS
 ADAMS COUNTY
 QUINCY, IL.
 SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY MEB
 DATE 09-24-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	85
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (53RS-7, P(RS-2))N, TS				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PCC PAVEMENT JOINTS
 STAGE III CONSTRUCTION
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, P(RS-2))N, TS
 ADAMS COUNTY
 QUINCY, IL. DRAWN BY TMJ
 SCALE: VERT. DATE 09-24-04 CHECKED BY MEB

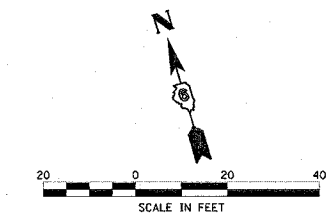
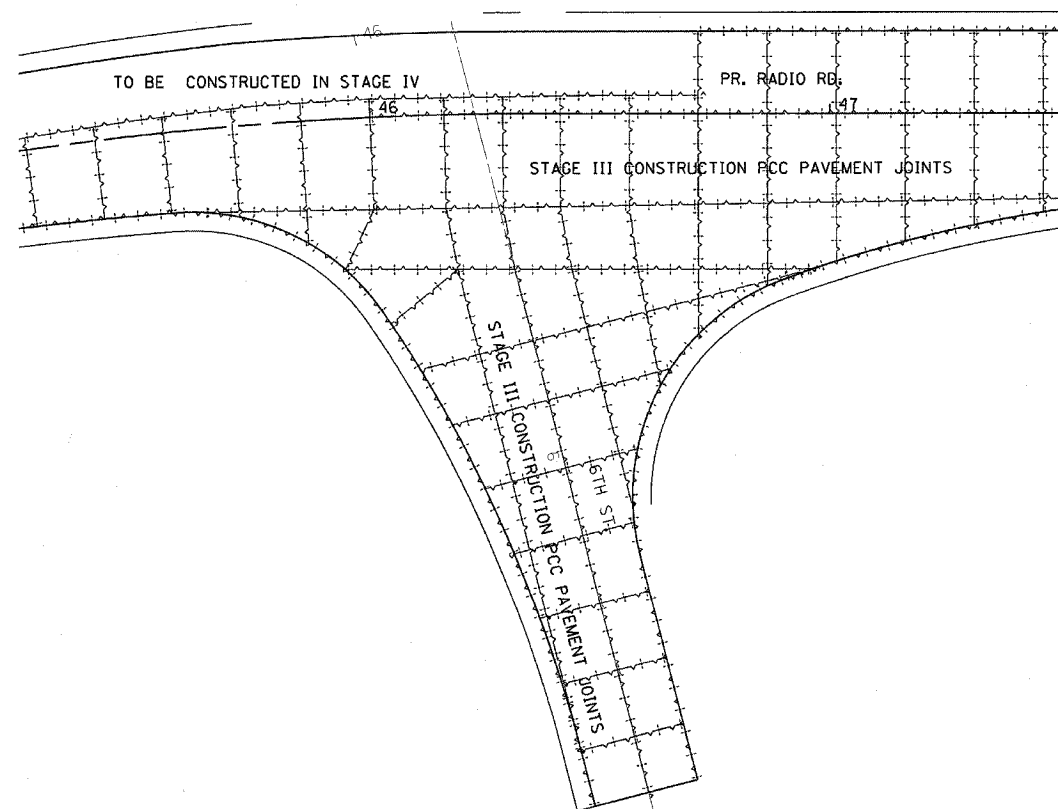
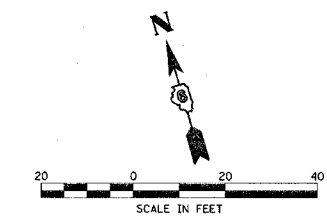
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	86

STA. TO STA.

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

• (53RS-7, PIRS-2)N, TS



REVISIONS	
NAME	DATE

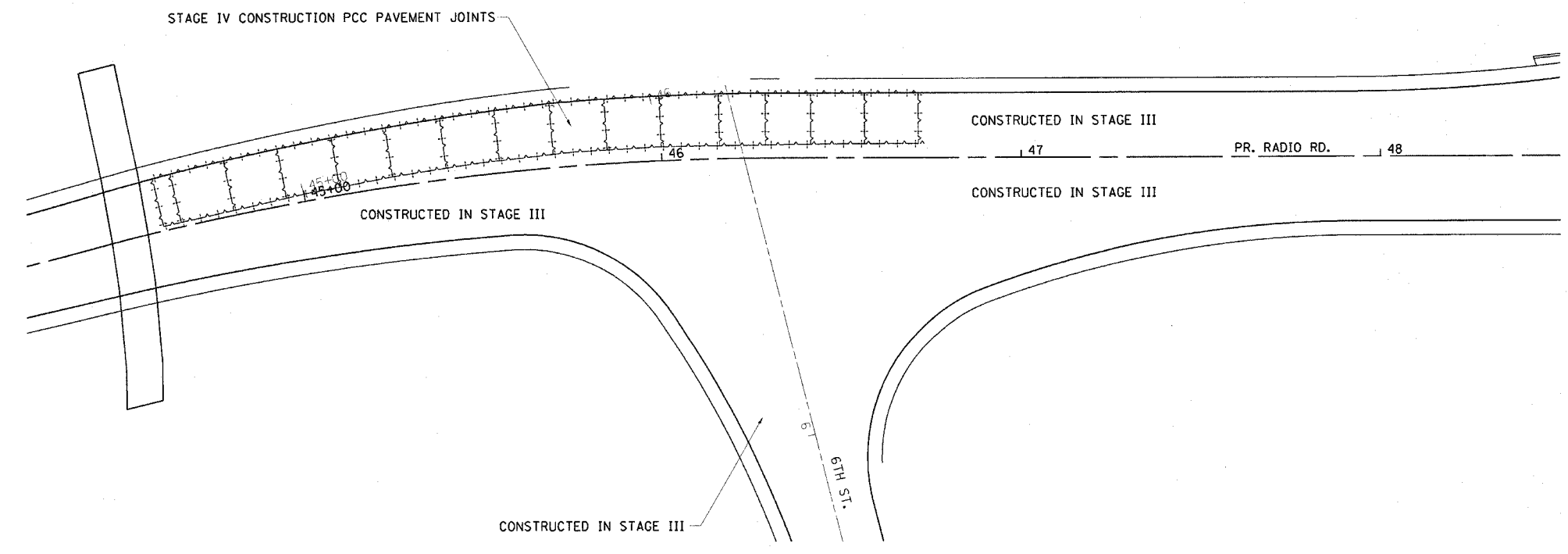
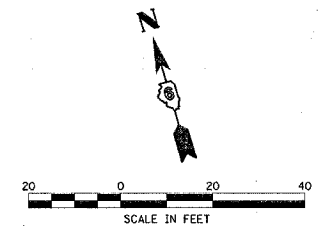
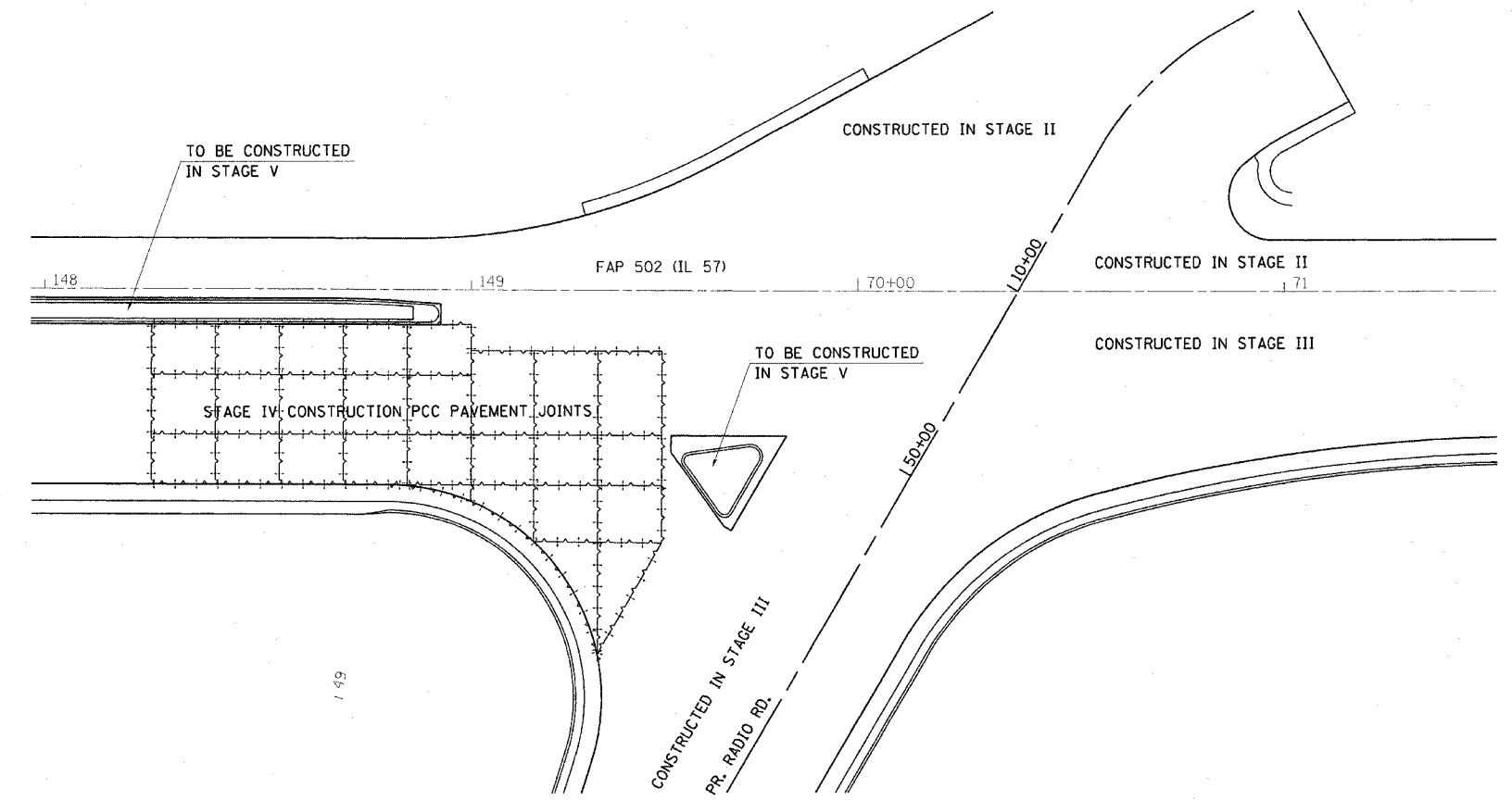
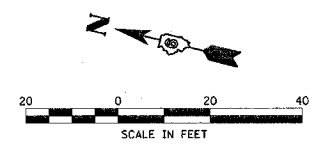
ILLINOIS DEPARTMENT OF TRANSPORTATION
PCC PAVEMENT JOINTS
 STAGE III CONSTRUCTION
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, PIRS-2)N, TS
 ADAMS COUNTY
 QUINCY, IL.
 SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY MEB
 DATE 09-24-04

PLOT DATE = 2/3/2005
 PLOT SCALE = 20.0000' / IN.
 REFERENCE = *REF*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	87

STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

• [53RS-7, P(RS-2)]N, TS

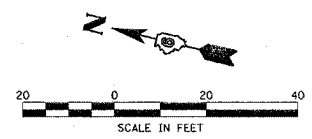
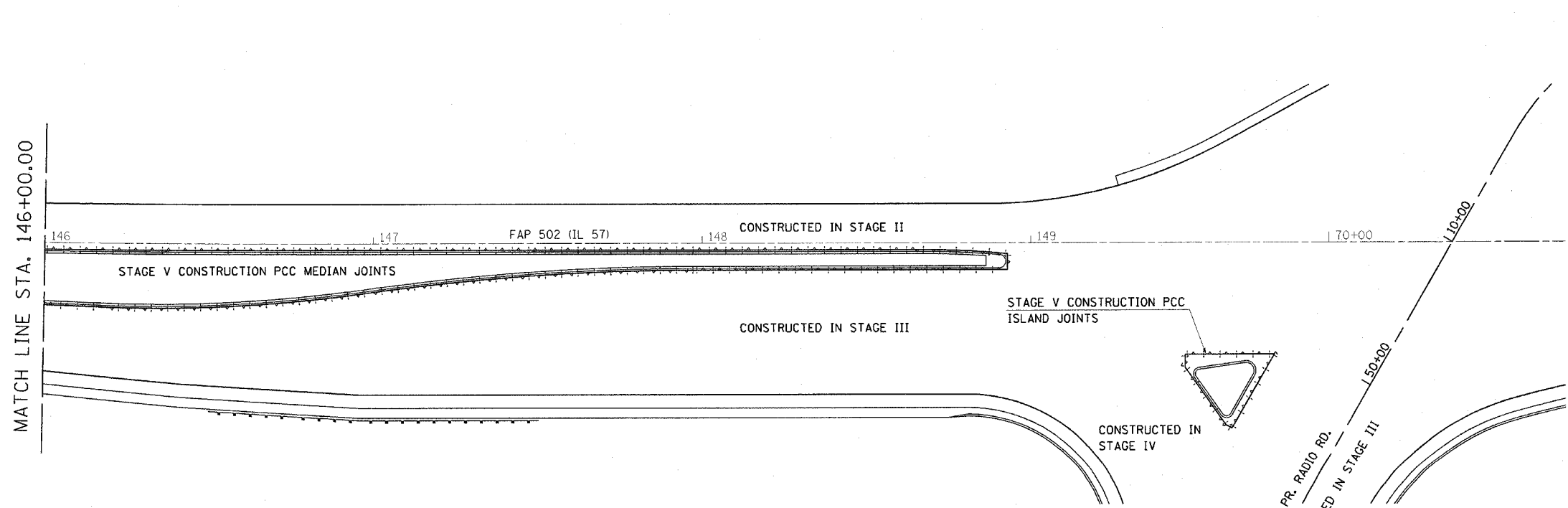
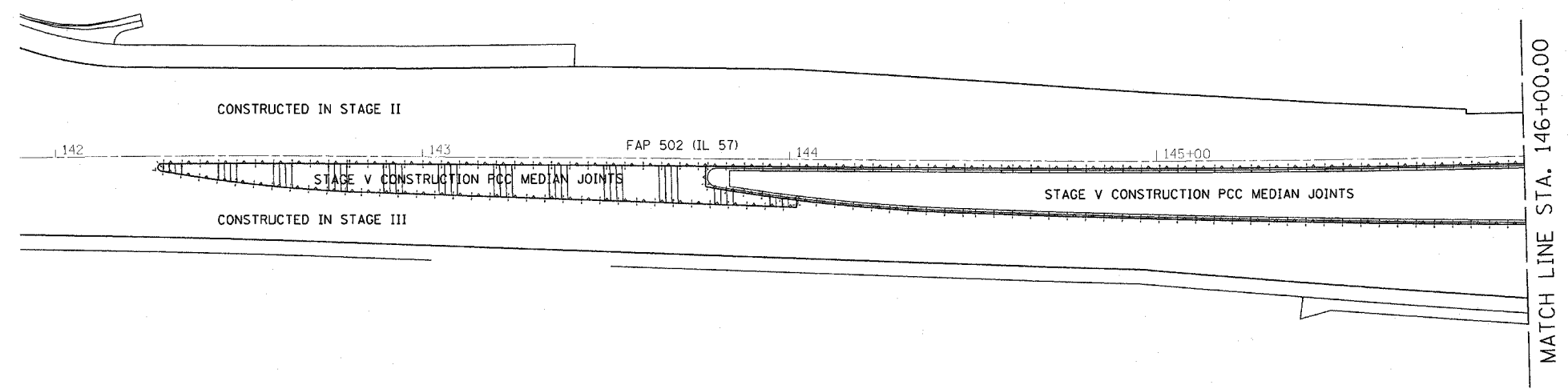
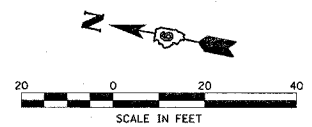


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PCC PAVEMENT JOINTS
 STAGE IV CONSTRUCTION
 FAP 502 (IL 57) & RADIO ROAD
 SEC. [53RS-7, P(RS-2)]N, TS
 ADAMS COUNTY
 QUINCY, IL.
 SCALE: VERT. _____
 HORIZ. _____
 DATE 09-24-04
 DRAWN BY TMJ
 CHECKED BY MEB

PLOT DATE = 2/3/2005
 PLOT SCALE = 20.0000
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	.	ADAMS	315	37
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (53RS-7, P(RS-2)N, TS				



REVISIONS	
NAME	DATE

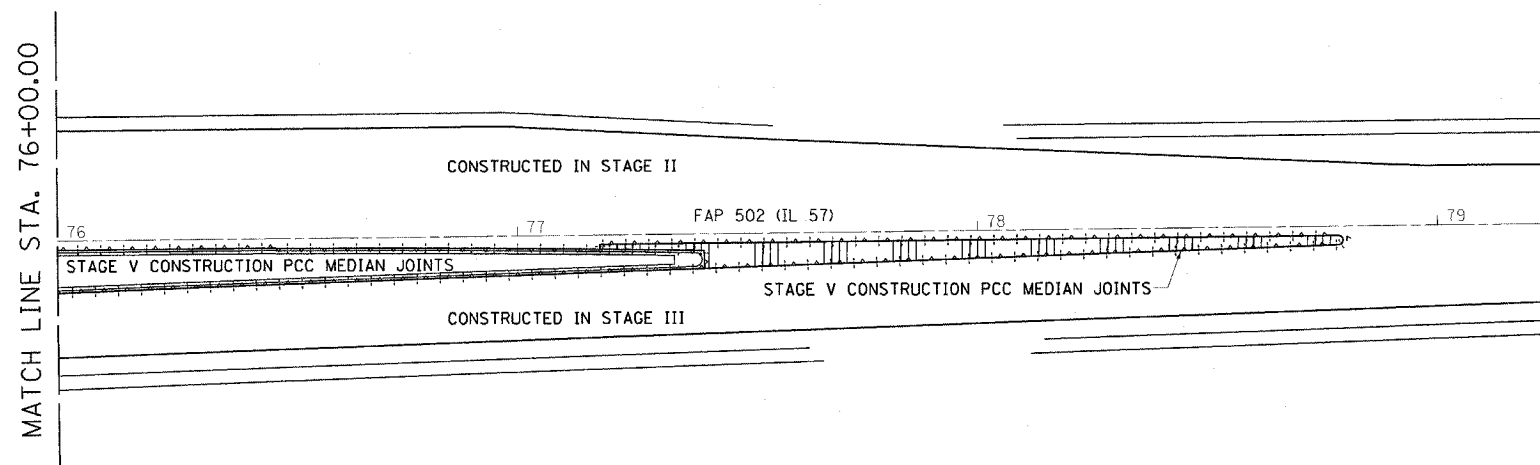
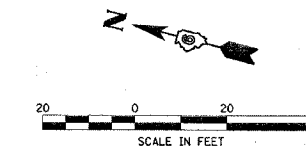
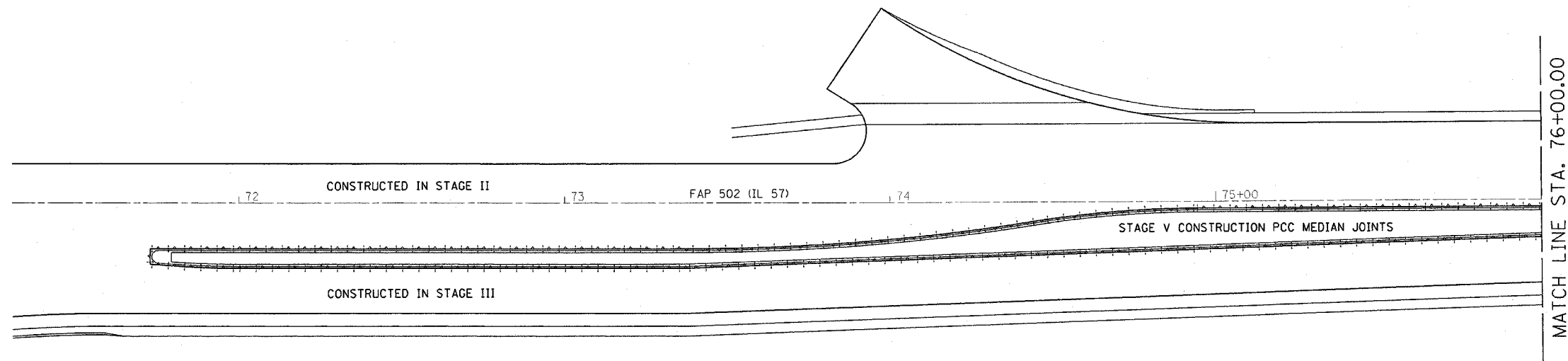
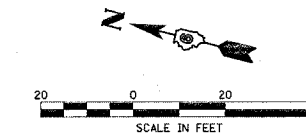
ILLINOIS DEPARTMENT OF TRANSPORTATION
PCC PAVEMENT JOINTS
 STAGE V CONSTRUCTION
 FAP 502 (IL 57) & RADIO ROAD
 SEC. (53RS-7, P(RS-2)N, TS
 ADAMS COUNTY
 QUINCY, IL. DRAWN BY TMJ
 SCALE: VERT. DATE 09-24-04 CHECKED BY MEB

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	•	ADAMS	315	89

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

• [53RS-7, PIRS-2]N, TS

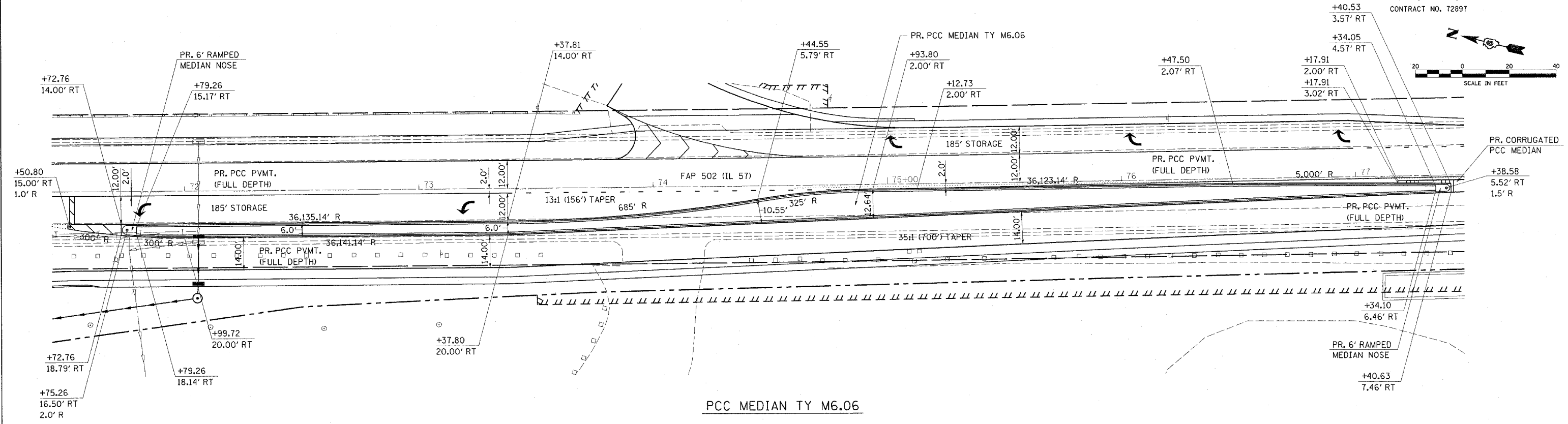
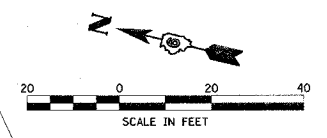


REVISIONS	
NAME	DATE

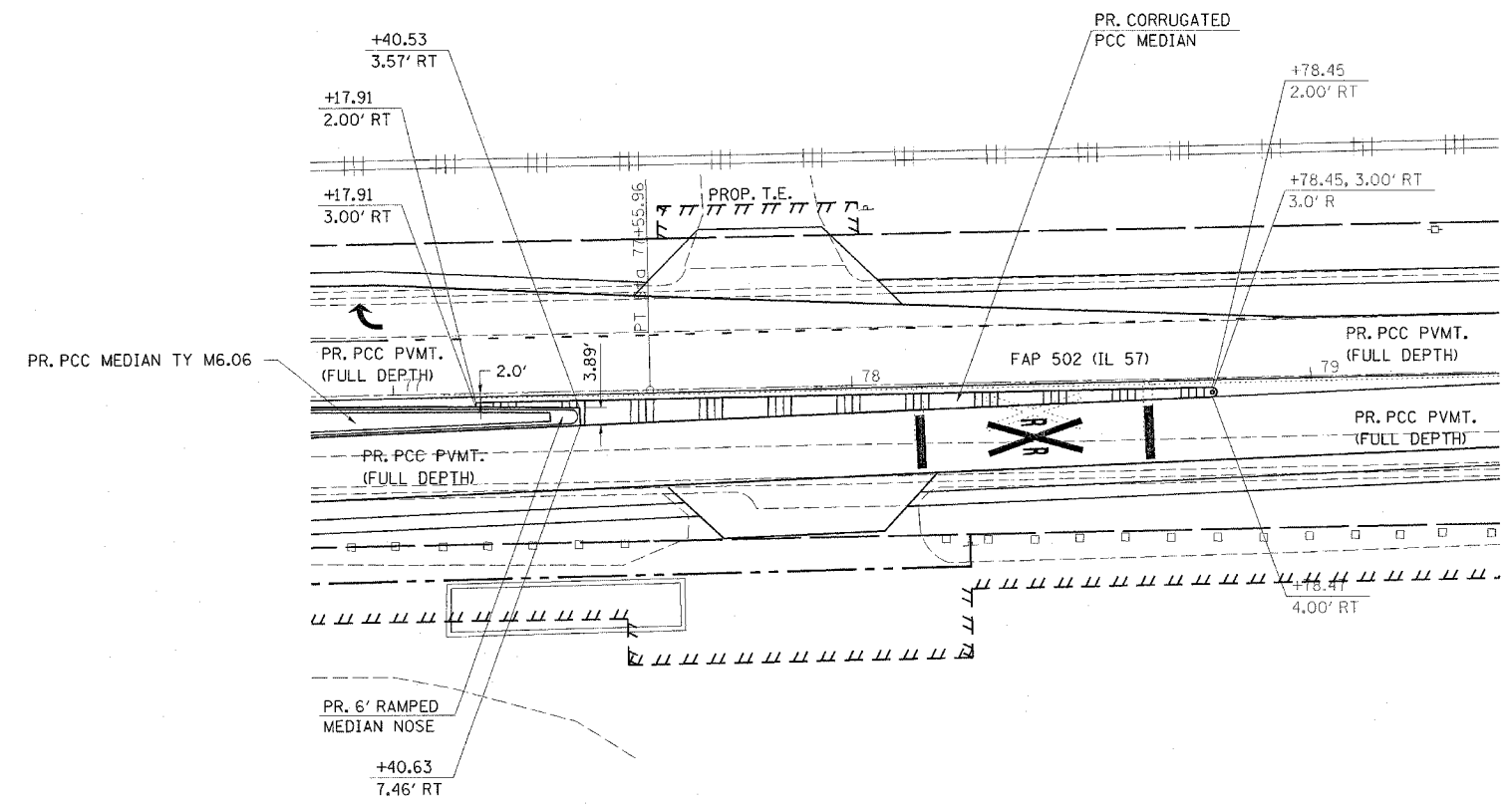
ILLINOIS DEPARTMENT OF TRANSPORTATION
PCC PAVEMENT JOINTS
 STAGE V CONSTRUCTION
 FAP 502 (IL 57) & RADIO ROAD
 SEC. [53RS-7, PIRS-2]N, TS
 ADAMS COUNTY
 QUINCY, IL.
 SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY MEB
 DATE 09-24-04

PLOT DATE = 2/3/2005
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 REFERENCE = #REF#

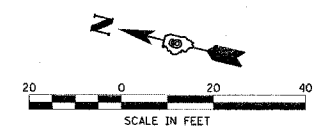
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502		ADAMS	315	96
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
[53RS-7, P[RS-2]N, TS CONTRACT NO. T2897				



PCC MEDIAN TY M6.06



CORRUGATED PCC MEDIAN

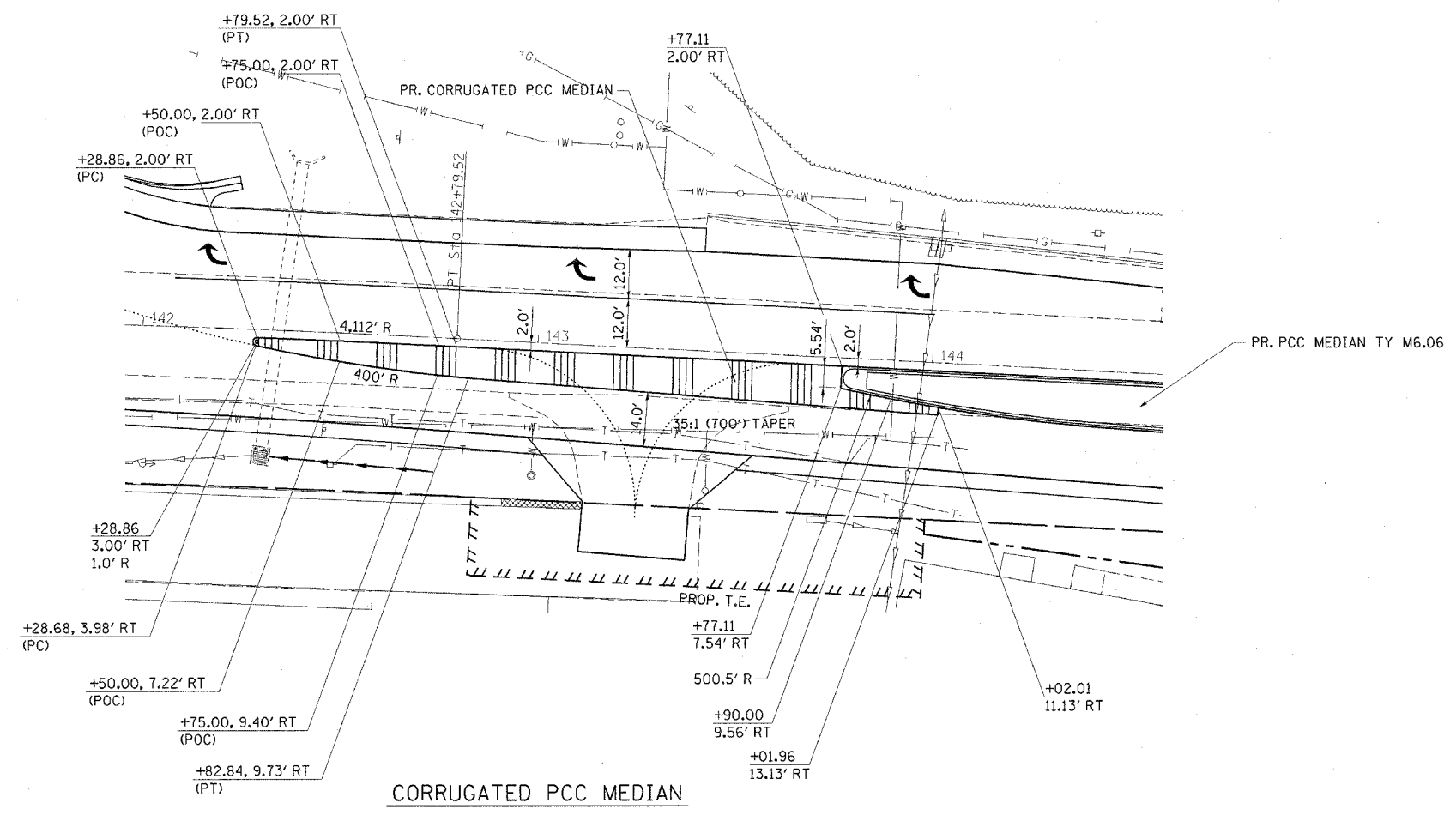
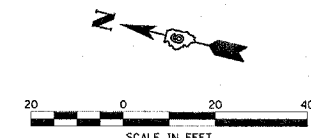


REVISIONS	
NAME	DATE

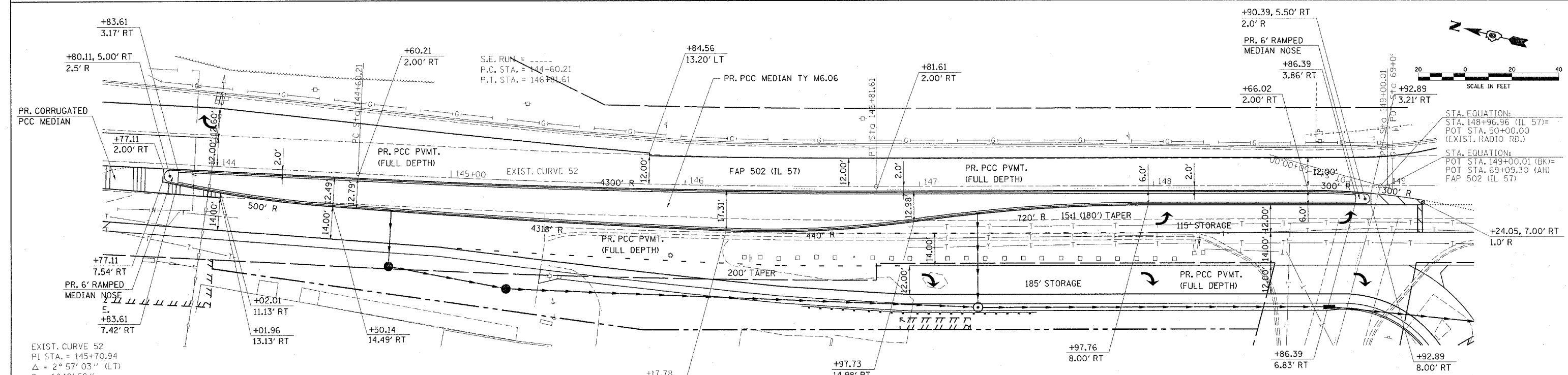
ILLINOIS DEPARTMENT OF TRANSPORTATION
MEDIAN DETAIL
 PR. PCC MEDIAN TY M6.06
 PR. CORRUGATED PCC MEDIAN
 STA. 71+72.76 - 78+79.45
 FAP 502 (IL 57)
 SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY MEB
 DATE 07-27-04

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	91
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (53RS-7, PIRS-2) IN, TS				
CONTRACT NO. 72897				



CORRUGATED PCC MEDIAN



PCC MEDIAN TY M6.06

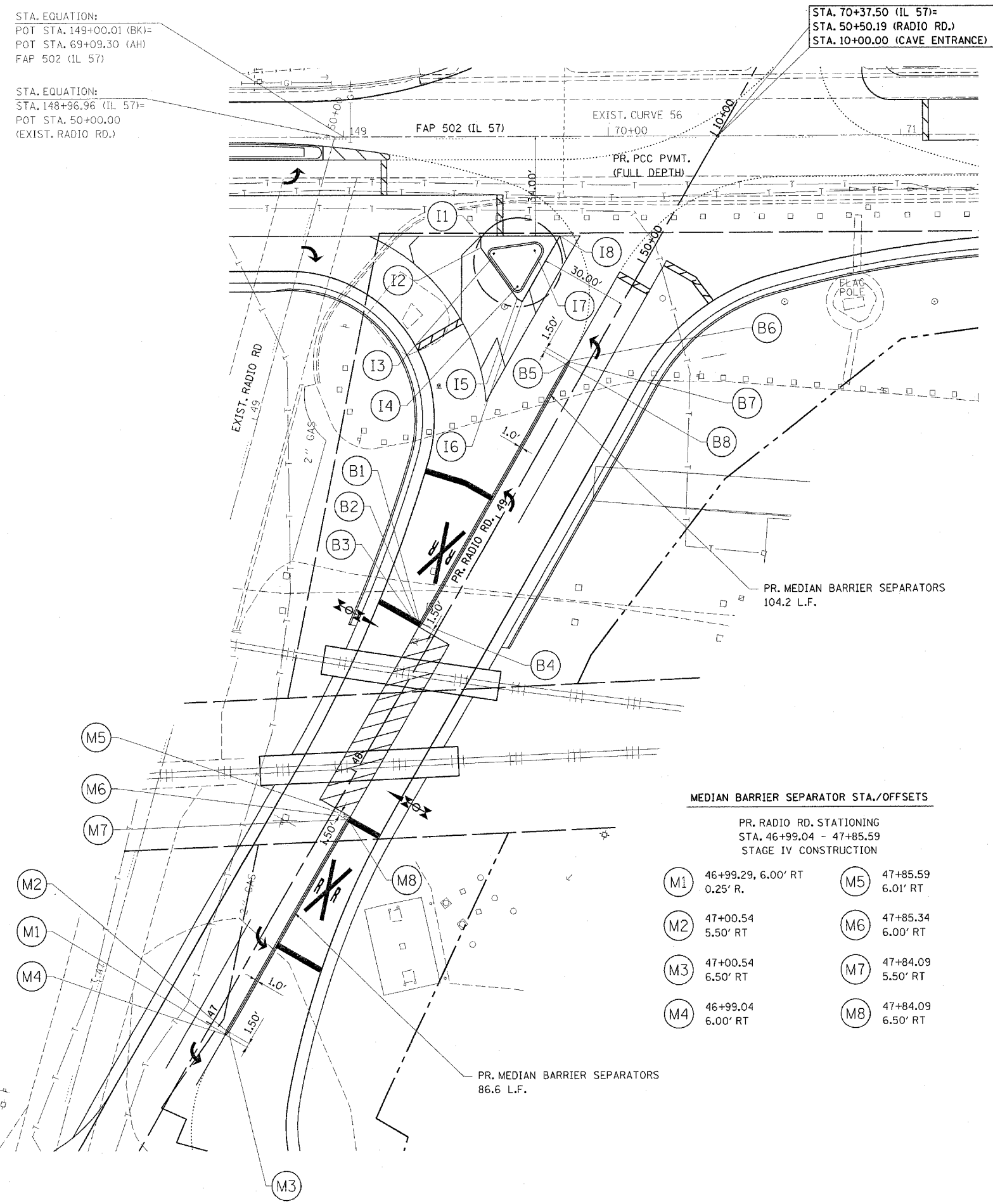
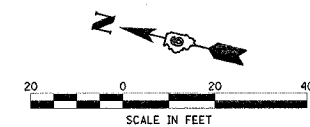
EXIST. CURVE 52
 PI STA. = 145+70.94
 $\Delta = 2^\circ 57' 03''$ (LT)
 $D = 1^\circ 19' 58''$
 $R = 4,298.93'$
 $T = 110.72'$
 $L = 221.40'$
 $E = 1.43'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 144+60.21$
 $P.T. STA. = 146+81.61$

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MEDIAN DETAIL
 PR. PCC MEDIAN TY M6.06
 PR. CORRUGATED PCC MEDIAN
 STA. 142+27.86 - 148+92.89
 FAP 502 (IL 57)
 SCALE: VERT. _____
 HORIZ. _____
 DATE 07-27-04
 DRAWN BY TMJ
 CHECKED BY MEB

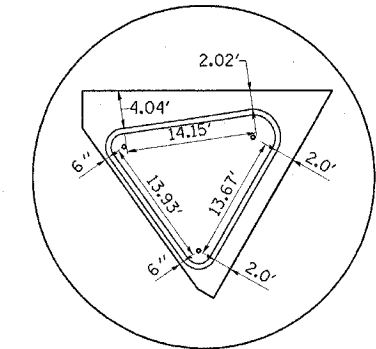
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 2/2/2005
 *REF01

• [53RS-7, PIRS-2]N, TS
CONTRACT NO. 72897



ISLAND DETAIL STA./OFFSETS
FAP 502 (IL 57) STATIONING

- I1 69+56.19
34.00' RT
- I2 69+56.19
38.00' RT
- I3 69+60.67
40.00' RT
2.0' R.
- I4 69+68.73
51.35' RT
2.0' R.
- I5 69+68.63
55.53' RT
- I6 69+70.36
56.53' RT
- I7 69+74.67
39.00' RT
3.0' R.
- I8 69+83.30
34.00' RT



M-6.06 ISLAND DETAIL

ISLAND DETAIL (NOT TO SCALE)
STAGE IV CONSTRUCTION

MEDIAN BARRIER SEPARATOR STA./OFFSETS

PR. RADIO RD. STATIONING
STA. 48+53.82 - 49+58.00
STAGE IV CONSTRUCTION

- | | |
|-------------------------|-------------------------|
| B1 48+55.32
6.50' LT | B5 49+56.50
6.50' LT |
| B2 48+54.07
6.00' LT | B6 49+58.00
6.00' LT |
| B3 48+53.82
6.00' LT | B7 49+57.75
6.00' LT |
| B4 48+55.32
5.50' LT | B8 49+56.50
5.50' LT |

MEDIAN BARRIER SEPARATOR STA./OFFSETS

PR. RADIO RD. STATIONING
STA. 46+99.04 - 47+85.59
STAGE IV CONSTRUCTION

- | | |
|-----------------------------------|-------------------------|
| M1 46+99.29, 6.00' RT
0.25' R. | M5 47+85.59
6.01' RT |
| M2 47+00.54
5.50' RT | M6 47+85.34
6.00' RT |
| M3 47+00.54
6.50' RT | M7 47+84.09
5.50' RT |
| M4 46+99.04
6.00' RT | M8 47+84.09
6.50' RT |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ISLAND DETAIL
MEDIAN BARRIER SEPARATORS

SCALE: VERT. HORIZ.
DATE 01-26-05

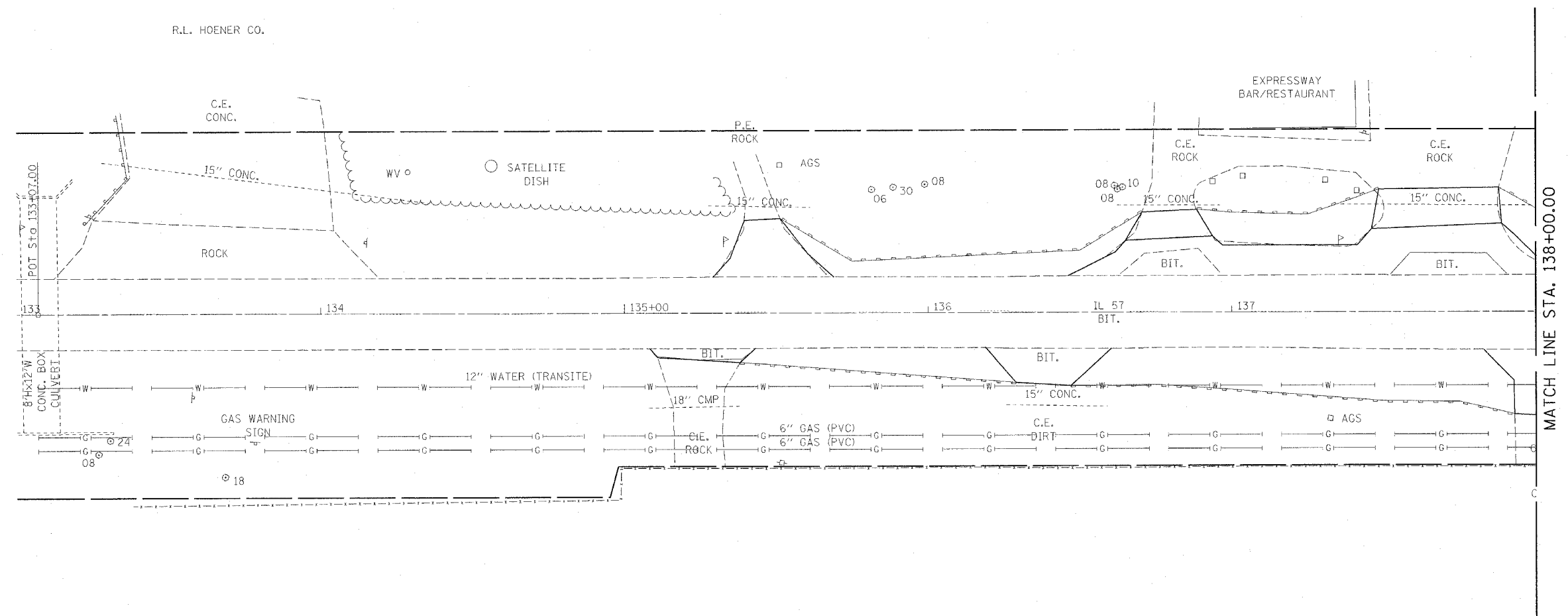
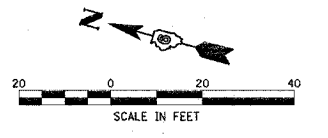
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CHECKED BY MEB

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2/2/2005
*REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	93

STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

53RS-7, P(RS-2)N, TS
CONTRACT NO. 72897



LEGEND

- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

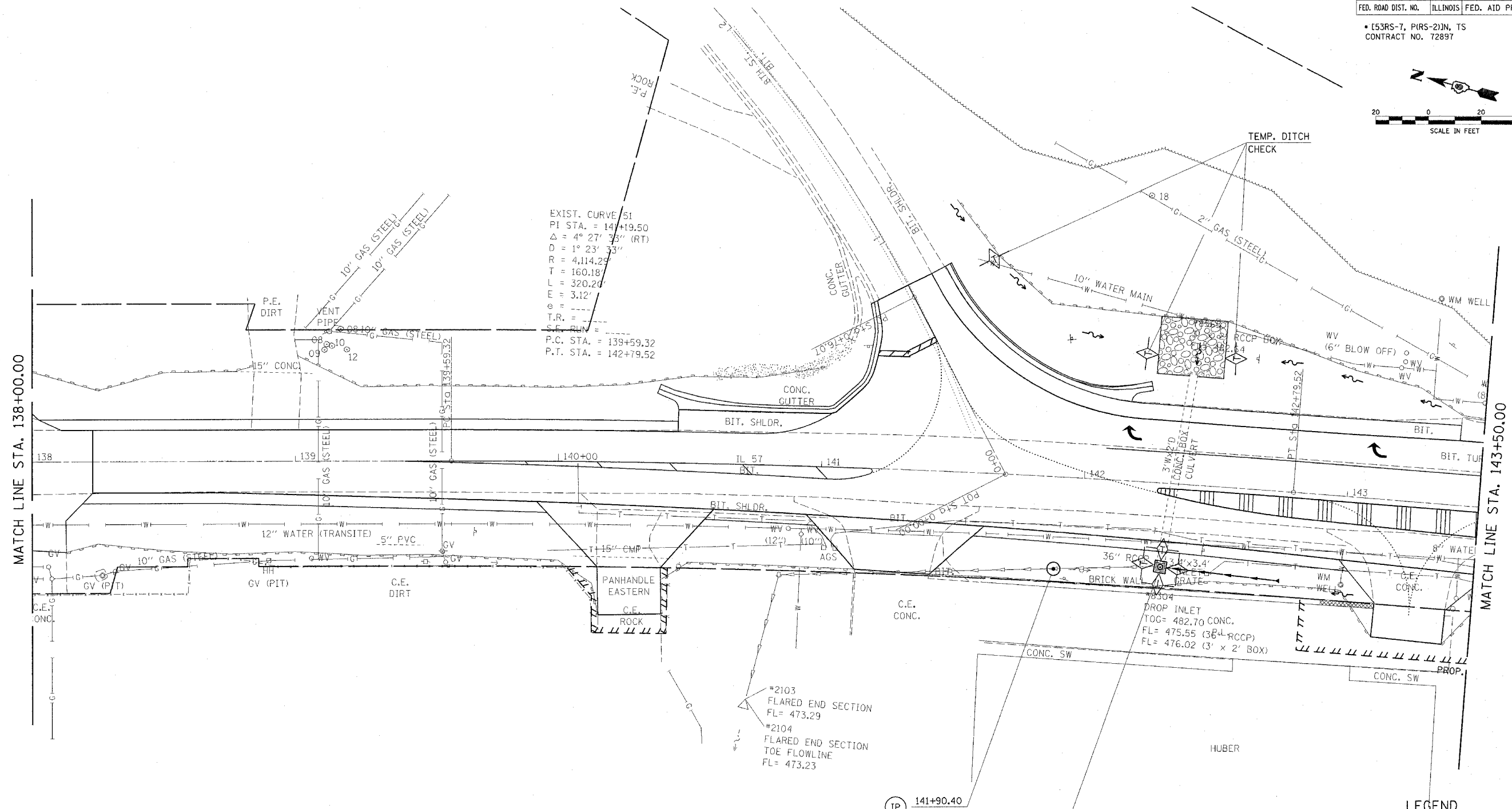
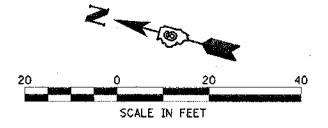
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
F.A.P. 502 (IL 57) & RADIO RD.
ADAMS COUNTY
QUINCY, IL.
SCALE: VERT. _____
HORIZ. _____
DATE 04-13-04
DRAWN BY TMJ
CHECKED BY MEB

c:\projects\d653004\ersnctl.dgn
 2/3/2005
 *REF 01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	94
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (53RS-7, PIRS-2)JN, TS
CONTRACT NO. 72897



*2103
FLARED END SECTION
FL = 473.29

*2104
FLARED END SECTION
TOE FLOWLINE
FL = 473.23

IP 141+90.40
35.00' RT

IP 142+30.74
31.94' RT
TEMP. DITCH CHECK

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL

F.A.P. 502 (IL 57) & RADIO RD.
ADAMS COUNTY
QUINCY, IL.

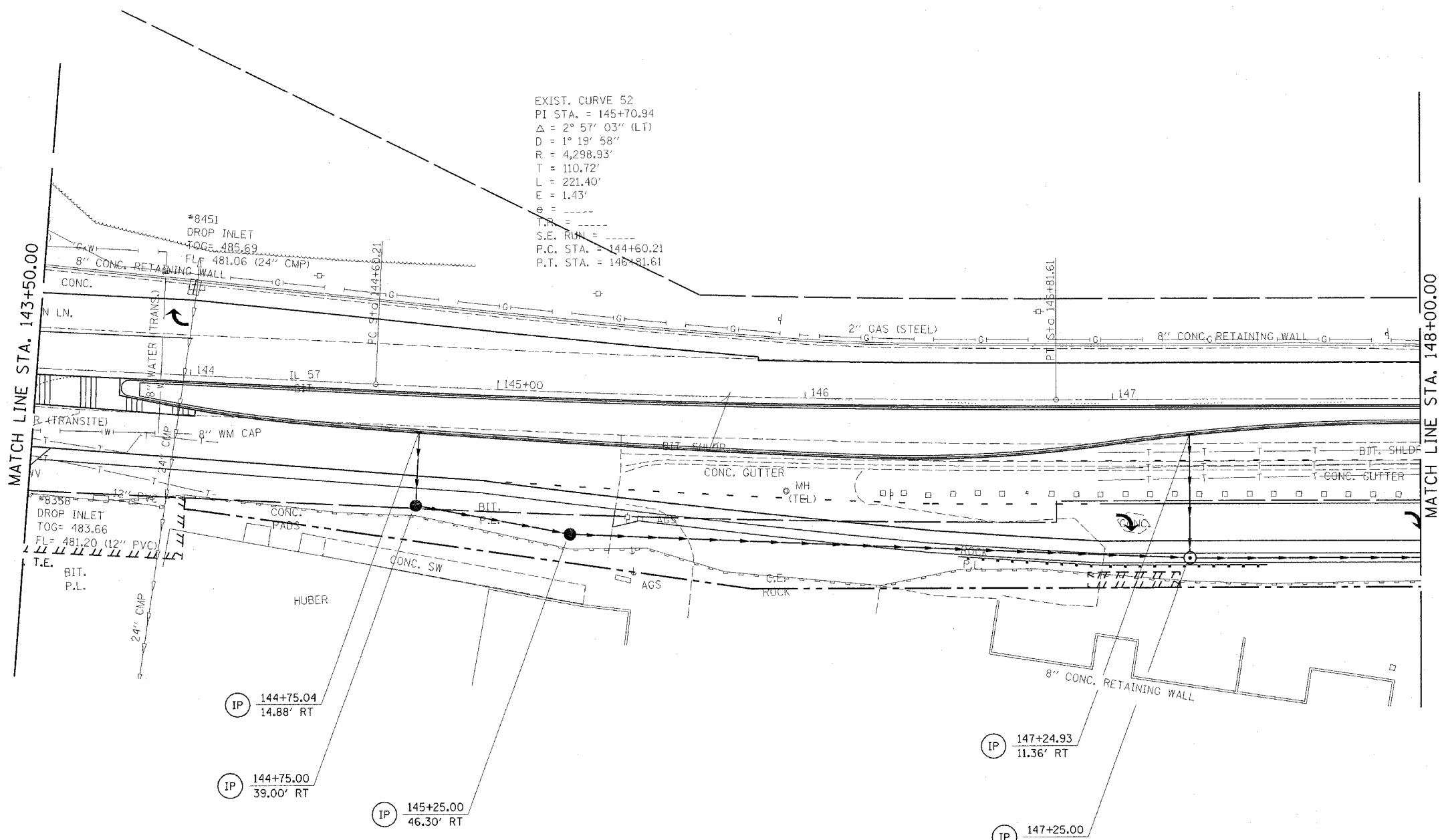
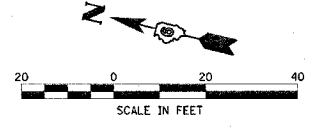
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DATE 04-13-04

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2/3/2005
*REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	95
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

• [53RS-7, PIRS-2]IN, TS
CONTRACT NO. 72897



LEGEND

- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

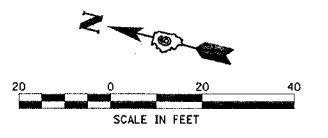
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
F.A.P. 502 (IL 57) & RADIO RD.
ADAMS COUNTY
QUINCY, IL.
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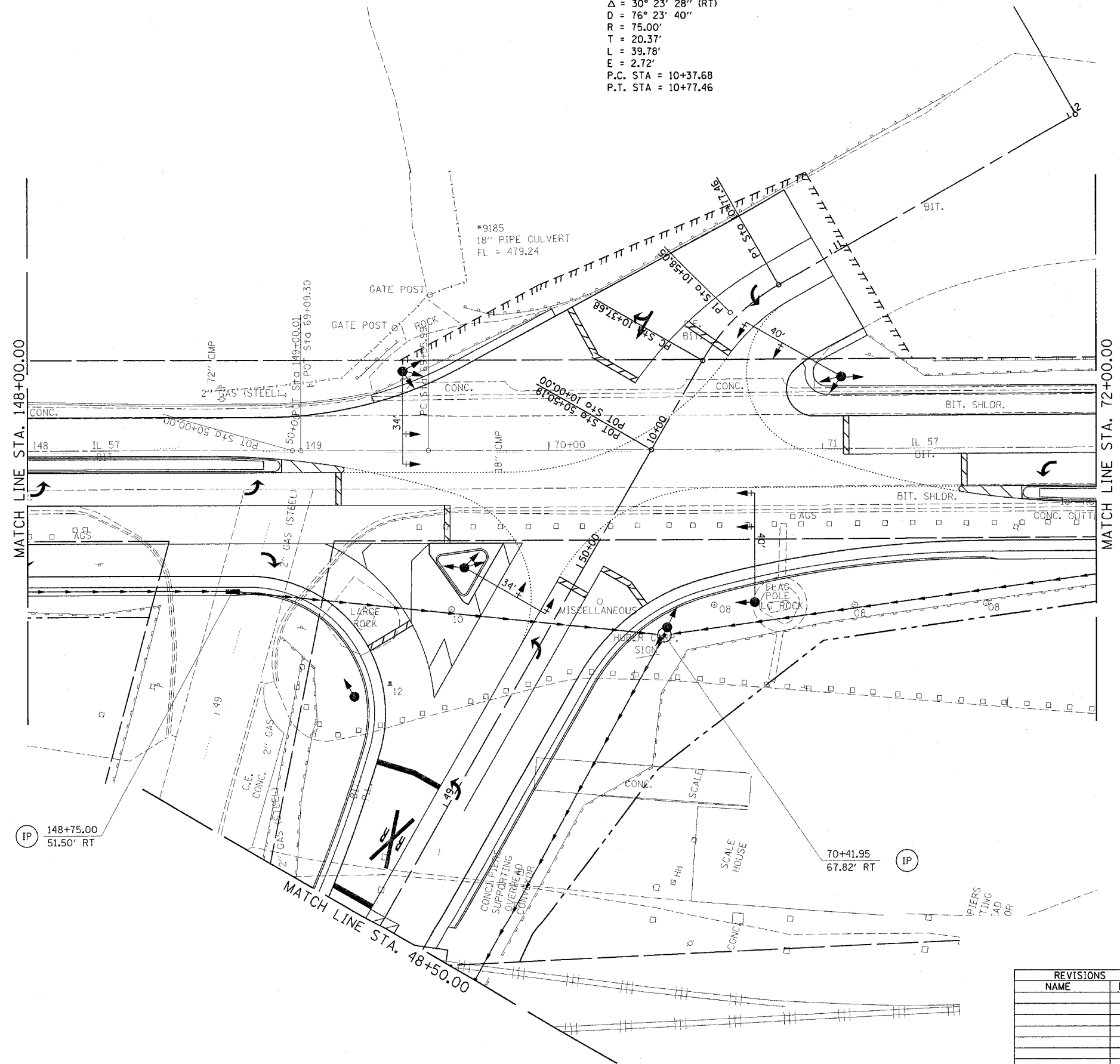
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*REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502	.	ADAMS	315	96
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

• [53RS-7, P(RS-2)IN, TS
CONTRACT NO. 72897



PROP. CURVE C2
 PI STA. = 10+58.05
 $\Delta = 30^\circ 23' 28''$ (RT)
 $D = 76^\circ 23' 40''$
 $R = 75.00'$
 $T = 20.37'$
 $L = 39.78'$
 $E = 2.72'$
 P.C. STA = 10+37.68
 P.T. STA = 10+77.46



LEGEND

- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

REVISIONS	
NAME	DATE

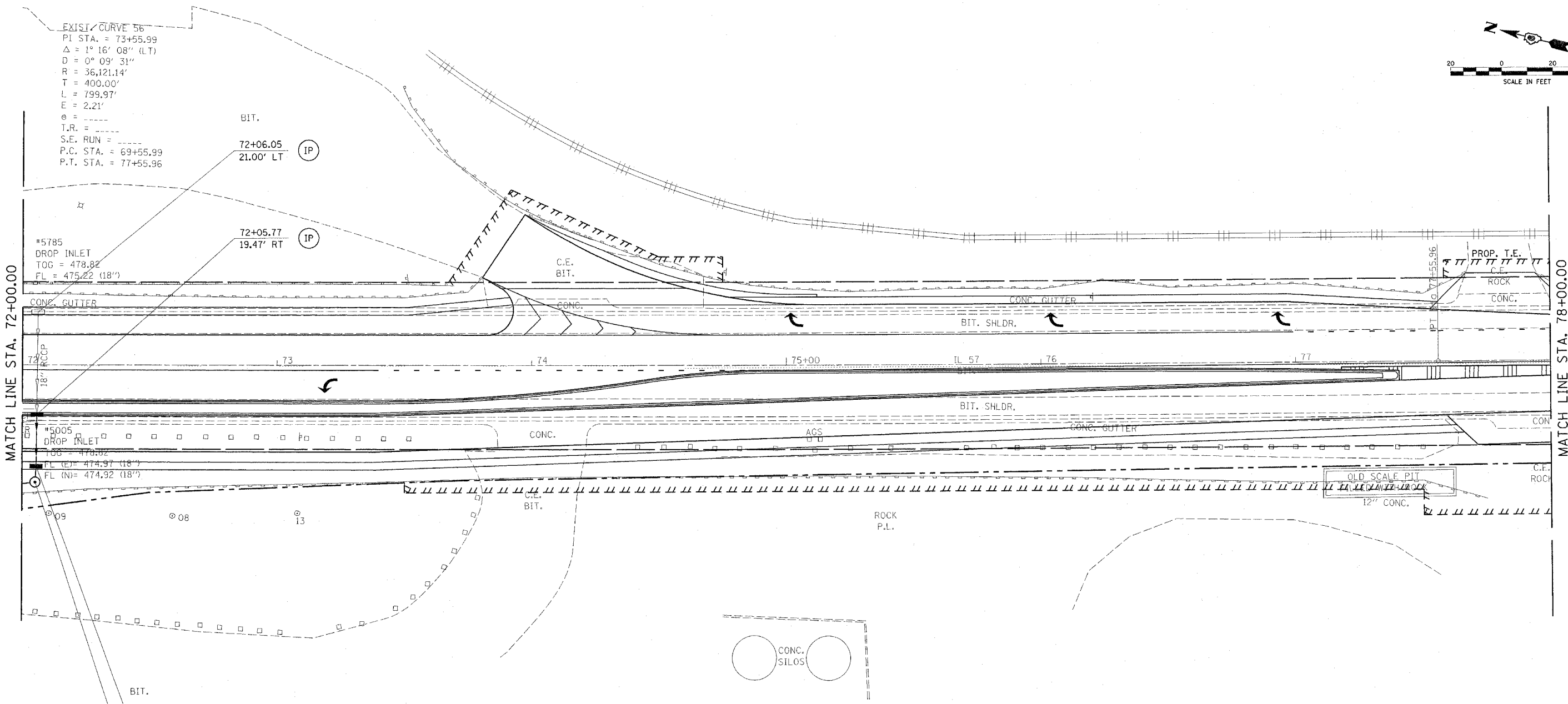
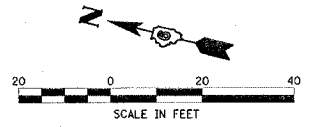
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
 F.A.P. 502 (IL 57) & RADIO RD.
 ADAMS COUNTY
 QUINCY, IL.

SCALE: VERT. _____
 HORIZ. _____
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	97
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• (53RS-7, P(RS-2)N, TS
CONTRACT NO. 72897



MATCH LINE STA. 72+00.00

MATCH LINE STA. 78+00.00

LEGEND

- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
 F.A.P. 502 (IL 57) & RADIO RD.
 ADAMS COUNTY
 QUINCY, IL.

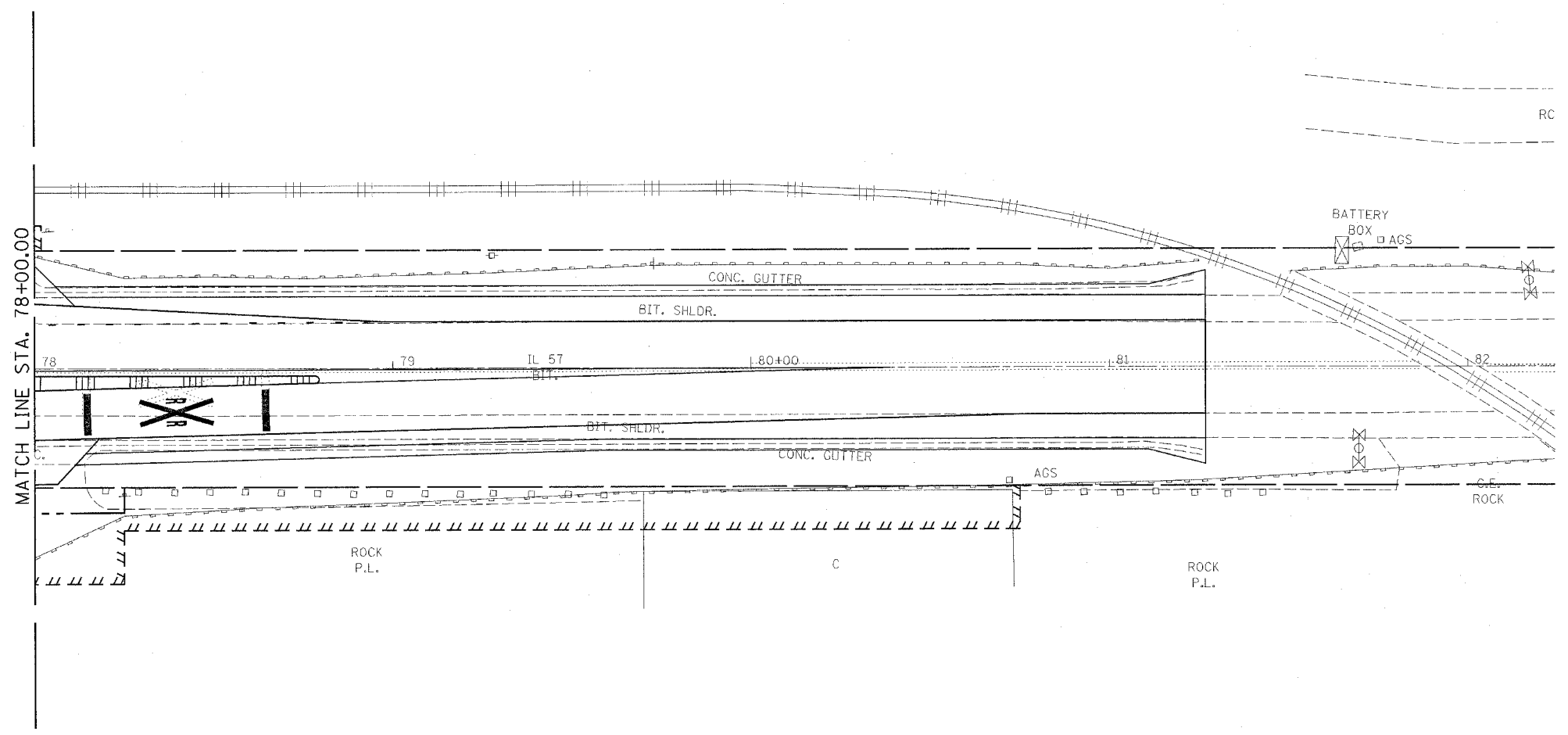
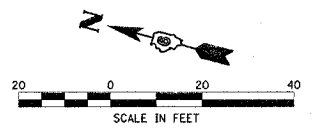
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 HORIZ. _____
 DATE 04-13-04

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 2/3/2005
 *REF 01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	98
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• [53RS-7, P(RS-2)N, TS
CONTRACT NO. 72897



LEGEND

- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

REVISIONS	
NAME	DATE

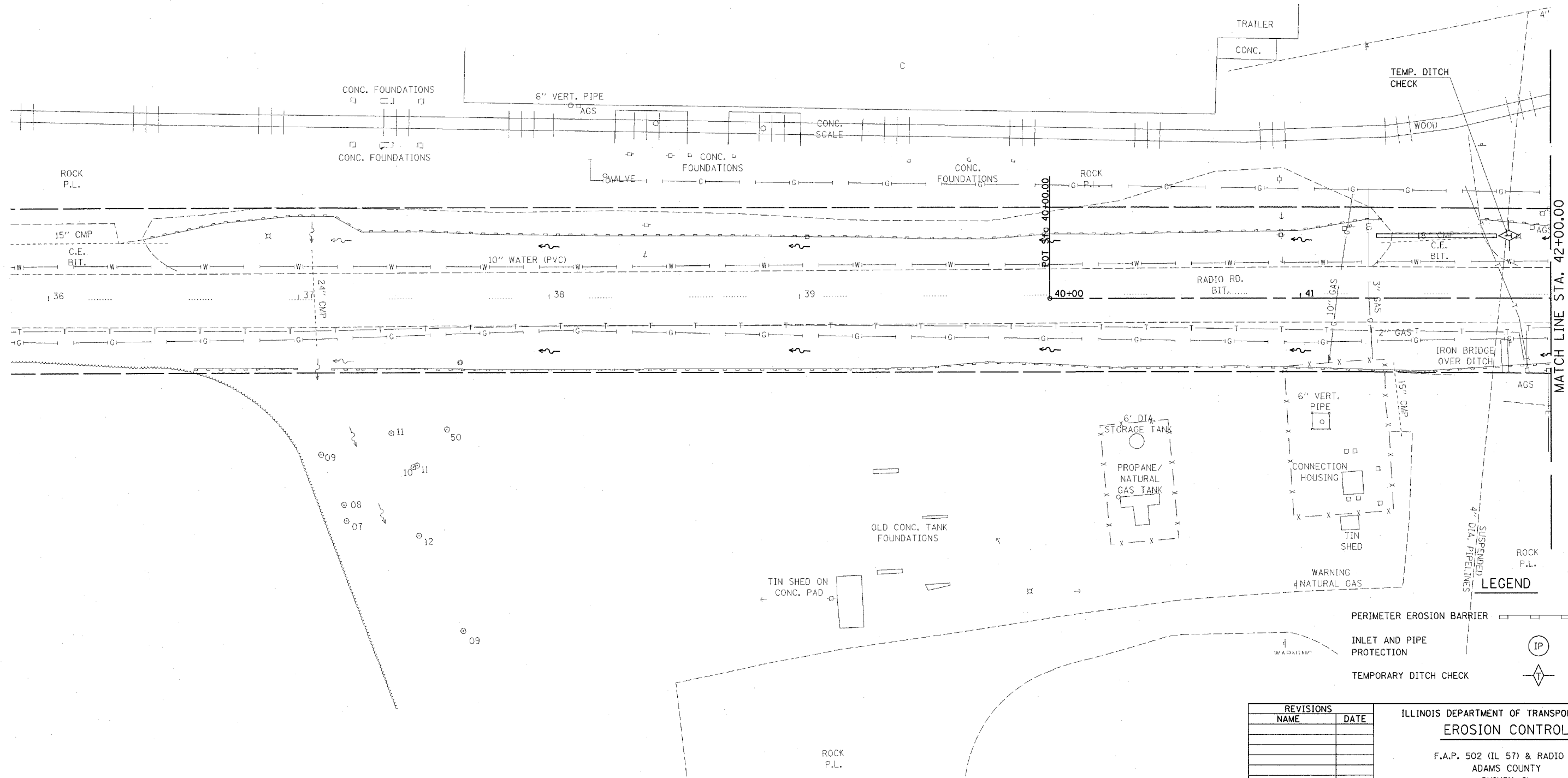
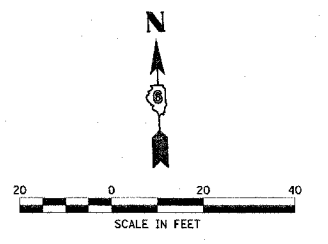
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
F.A.P. 502 (IL 57) & RADIO RD.
ADAMS COUNTY
QUINCY, IL.

SCALE: VERT. _____
HORIZ. _____
DATE 04-13-04
DRAWN BY TMJ
CHECKED BY MEB

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2/3/2005
*REF01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	99
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• [53RS-7, P(RS-2)N, TS
CONTRACT NO. 72897



LEGEND

- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION (IP)
- TEMPORARY DITCH CHECK

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
F.A.P. 502 (IL 57) & RADIO RD.
ADAMS COUNTY
QUINCY, IL.

SCALE: VERT. DRAWN BY TMJ
HORIZ. CHECKED BY MEB
DATE 04-13-04

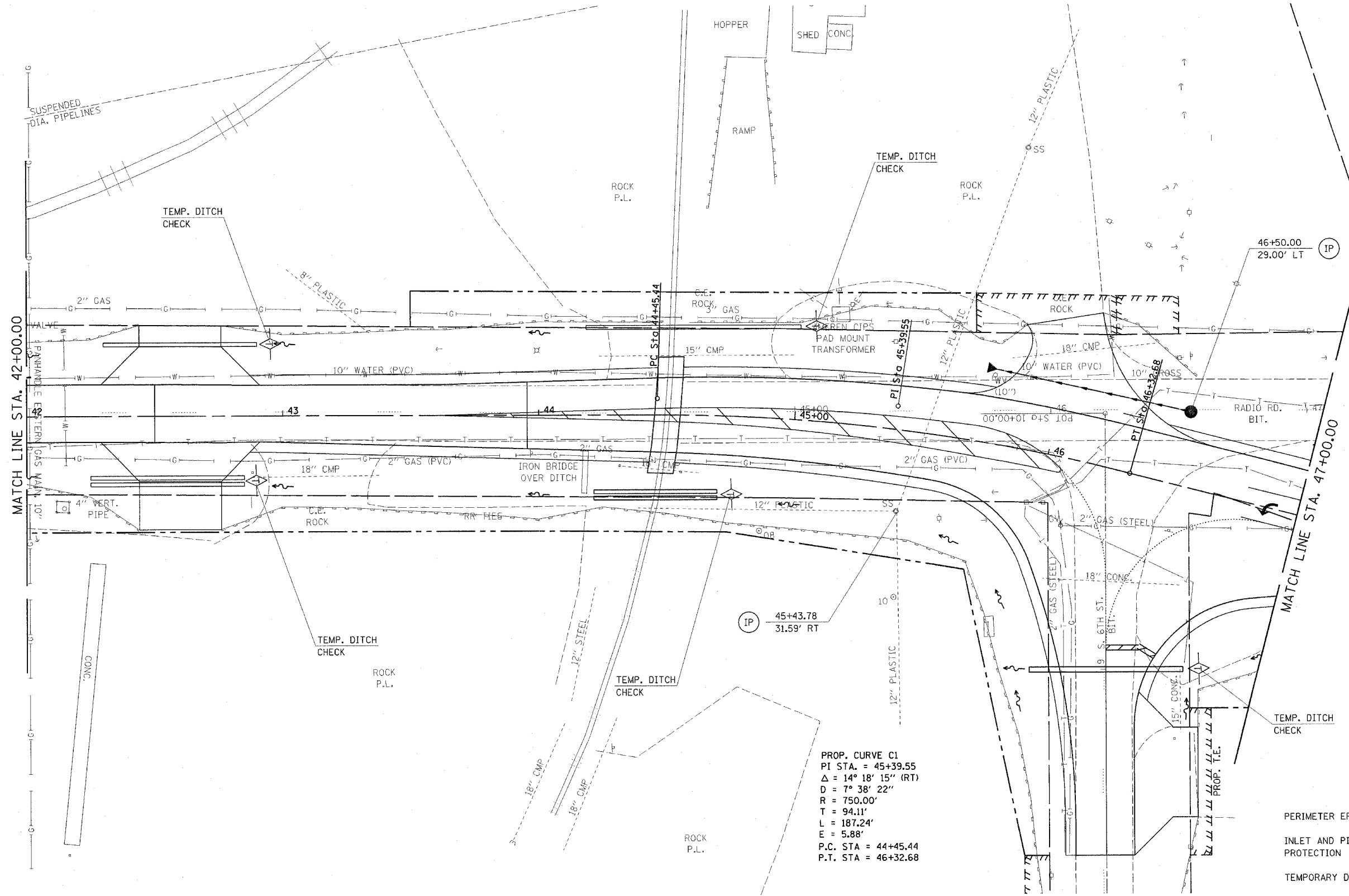
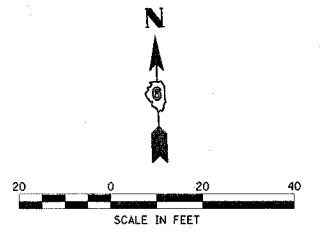
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	00

STA. TO STA.

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

• (53RS-7, PIRS-2)IN, TS
CONTRACT NO. T2897



PROP. CURVE C1
 PI STA. = 45+39.55
 $\Delta = 14^\circ 18' 15''$ (RT)
 $D = 7^\circ 38' 22''$
 $R = 750.00'$
 $T = 94.11'$
 $L = 187.24'$
 $E = 5.88'$
 P.C. STA = 44+45.44
 P.T. STA = 46+32.68

LEGEND

- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
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