

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	1

+ 9
281



LOCATION OF SECTION INDICATED THUS: —■—

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STANDARDS

000001-04	515001-02	602416	606301-03	665001-01	704001-03	857001
280001-03	542301-01	602601-01	630001-07	666001	720001	880001
420001-06	542306-01	602701-01	630301-04	701101-01	720011	886001
420301-03	542311	604001-02	631031-06	701106-01	720021-01	886006
420401-05	542401	604036-01	631033-02	701400-02	728001	BLR 14-9
420701-01	542531-02	604091-01	635001	701401-03	729001	BLR 22-4
424001-04	601001-01	606001-03	635006-02	701411-03	731001	BLR 21-6
482001-01	601101	606006-01	635011-01	701421-01	780001-01	
483001-03	602301-01	606101-02	642001	701426-02	781001-02	
503001-02	602306-01	606111-02	664001-01	702001-06	805001	

☐ = INCLUDED FOR 'OPTION 2 - CONCRETE' (SEE SHEET NO. 2)

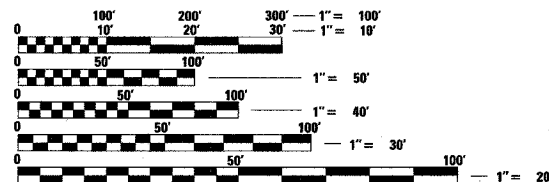
DESIGN DESIGNATION

I-57
PRINCIPAL ARTERIAL
 49,000 ADT 2030
 MU = 28%
 SU = 7%

MORGAN AVENUE
URBAN COLLECTOR
 13,150 ADT 2030
 MU = 0.5%
 SU = 1.5%

RAMP 'H'
 2,890 ADT 2030
 MU = 5%
 SU = 1%

RAMP 'D'
MAJOR COLLECTOR
 11,720 ADT 2030
 MU = 5%
 SU = 1%



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. 98994

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

FAI ROUTE 57 (INTERSTATE 57)
 FAU 9718 (MORGAN AVENUE)
 NEW CONSTRUCTION
 SECTION (X1-6-2)HBK
 JOB NO. C-99-012-07
 WILLIAMSON COUNTY
 PROJECT: ACHPP-HPP-3019(001)

NOTE: WHEREVER IN THESE PLANS REFERENCE IS MADE TO CONTRACT 99272 AND SECTION 04-0009700BK IT SHALL MEAN CONTRACT 98994 AND SECTION (X1-6-2)HBK.

PROJECT BEGINS

RAMP 'H' STA. 0 + 00.00
 = FAI 57 STA. 401 + 16.93

PROJECT BEGINS

RAMP 'D' STA. 100 + 00.00

PROJECT BEGINS

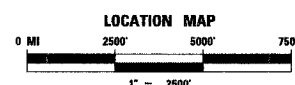
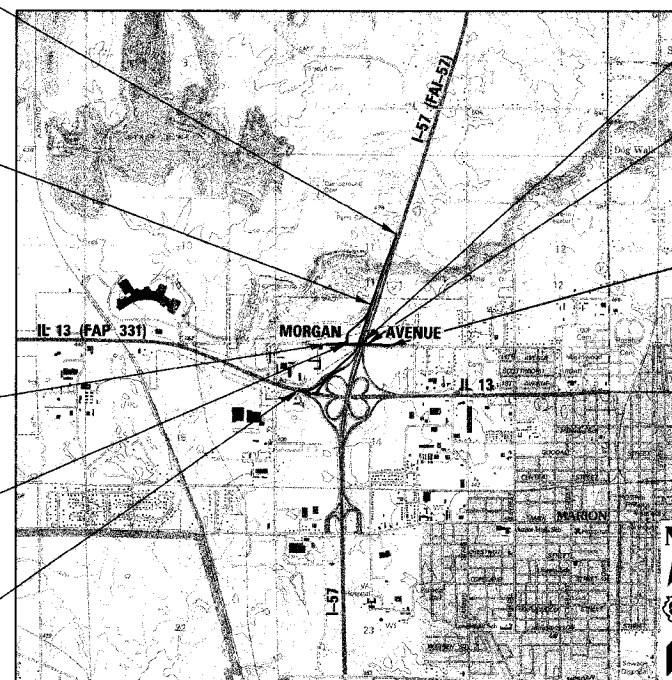
FAU 9718 (MORGAN AVENUE)
 STA. 24 + 36.64

PROJECT ENDS

RAMP 'H' STA. 34 + 85.64
 = MORGAN AVENUE STA. 30 + 15.28

PROJECT ENDS

RAMP 'D' STA. 132 + 65.44
 = FAP 331 (IL 331) STA. 1799 + 02.30



MILE MARKER 54

STRUCTURE NO. 100-0092

MORGAN AVENUE OVERPASS
 STA 32 + 85.21 TO
 STA 36 + 55.54

PROJECT ENDS

FAU 9718 (MORGAN AVENUE)
 STA. 42 + 07.03



Robert S. DeConcini 3/23/2007
 ROBERT S. DECONCINI, P.E. DATE:
 LICENSE NO. 062-51574 EXPIRES: 11-30-2007

SEE SHEET NO. 2 GENERAL NOTES FOR INFORMATION REGARDING BID ALTERNATES FOR THIS CONTRACT

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED March 23, 2007
 Mary C. Lammie
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11, 2007
 Eric E. Haran
 ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 2007
 Milton R. See, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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THOUVENOT,
 WADE &
 MOERCHEN, INC.
 ENGINEERS • SURVEYORS • PLANNERS
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 4940 OLD COLLINSVILLE RD.
 SWANSEA, ILLINOIS 62226
 TEL (618) 624-4488
 FAX (618) 624-6688
 corp@twm-inc.com

GROSS LENGTH OF PROJECT = 8521.50 FT = 1.61 MILES
 NET LENGTH OF PROJECT = 8521.50 FT = 1.61 MILES

Rev.

GENERAL NOTES

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	2
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

DRAINAGE DURING STAGE CONSTRUCTION

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING THE VARIOUS STAGES OF CONSTRUCTION. THIS INCLUDES ALL LABOR AND MATERIALS USED BEYOND WHAT IS SPECIFIED IN THE PLANS. ITEMS SUCH AS TEMPORARY DITCHES AND PIPES DEEMED NECESSARY FOR MAINTAINING DRAINAGE ARE CONSIDERED TO BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NOT BE PAID FOR SEPARATELY.

UTILITIES - LOCATIONS/INFORMATION ON PLANS

UNLESS NOTED OTHERWISE, 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 CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN - ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM

USE ONE OF THE FOLLOWING TWO OPTIONS.

1. ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.
2. ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM AT MEAN SEA LEVEL UNLESS OTHERWISE NOTED.

PROPERTY OWNER ACCESS REQUIREMENT

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 CLOSURE.

TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSING

INCIDENTAL BITUMINOUS SURFACE SHALL BE USED FOR ALL TEMPORARY SIDE ROAD CROSSINGS. AGGREGATE SURFACE COURSE MAY BE USED FOR ALL DRIVEWAY CROSSINGS EXCEPT DURING WINTER SHUTDOWN IN ACCORDANCE WITH ARTICLE 107.09.

CLEARING

AT LOCATIONS WHERE CLEARING IS INDICATED ON THE PLANS BEYOND THE LIMITS OF THE PROPOSED EXCAVATION OR EMBANKMENT, THE CONTRACTOR SHALL RESTORE THE DISTURBED EARTH BY BLADING AND SHAPING TO BLEND WITH THE ADJACENT GROUND. THE CLEARING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION, RESEEDING OR RESODDING WILL BE AS PROVIDED IN THE PLANS.

TREE REMOVAL

THE DISTRICT SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. ALL CLEARING OF LOGS, SHRUBS, BUSHES, SAPLINGS, GRASS, WEEDS, OTHER VEGETATION, AND STUMPS OF LESS THAN 6" INCHES IN DIAMETER WILL NOT BE MEASURED FOR PAYMENT.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

PAVING SURFACE COURSE, CONTINUOUS

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS PROVIDED.

PAVEMENT STATION & PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH WIDE, 5 INCHES HIGH AND 5/8 INCH DEEP.

THE PAVEMENT NUMBER SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL 200 FEET
BOTTOM OF NUMBERS - 6 INCHES FROM THE INSIDE EDGE OF THE PAVEMENT MARKING.

LOCATION:

- 2, 3 & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- MULTI - LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
- RAMPS - ALONG BASELINE EDGE OF PAVEMENT
- POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER
- FORMAT - XX+XX WHERE X REPRESENTS THE PAVEMENT STATION

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS

BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE COURSE.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

COMMITMENTS

THE FOLLOWING COMPANIES HAVE UTILITY FACILITIES WITHIN THE LIMITS OF THIS PROJECT:

- CITY OF MARION
- AMEREN
- VERIZON
- MEDIACOM

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL COORDINATE HIS OPERATIONS WITH THE PROPOSED UTILITY ADJUSTMENTS TO MINIMIZE DELAYS IN CONSTRUCTION OF THE PROJECT.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE STATUS OF UTILITIES CONTAINED ELSEWHERE HEREIN AND THE ESTIMATED COMPLETION DATES FOR THE VARIOUS RELOCATIONS AND ADJUSTMENTS. SEE SPECIAL PROVISIONS.

COORDINATION WITH ADJACENT PROJECTS

THE CONTRACTOR IS TO BE AWARE THAT ADDITIONAL PROJECTS MAY BE UNDER CONSTRUCTION ON ADJACENT SECTIONS OF FAI 57. CONTRACT 98948 (I-57 RUBBLIZATION OF THE NORTHBOUND LANES FROM 0.2 MILES NORTH OF THE MARION ILL. 13 INTERCHANGE TO A POINT 7.99 MILES NORTH), WITH A LETTING DATE OF SEPTEMBER 22, 2006. CONTRACT 98950 (RECONSTRUCTION OF THE I-57/FAU 9629 INTERCHANGE), WITH A LETTING DATE OF MARCH 9, 2007 IS LOCATED SOUTH OF THE LIMITS OF THIS CONTRACT.

THE CONTRACTOR SHALL COORDINATE HIS/HER WORK WITH THE CONTRACTORS OF CONTRACTS 98948, AND 98950 TO MINIMIZE ANY POSSIBLE CONFLICTS. THE CONTRACTOR SHALL ALSO NOTIFY THE ENGINEER 5 WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT CONTRACTS 98948 AND 98950.

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272A	HIGHWAY STANDARDS

PREPARED BY:	<i>Joe Zdanewicz</i>
EXAMINED BY:	DISTRICT STUDIES & PLANS ENGINEER
EXAMINED BY:	DISTRICT LAND ACQUISITION ENGINEER
EXAMINED BY:	<i>Carrie Nelson</i> DISTRICT PROGRAM DEVELOPMENT ENGINEER
EXAMINED BY:	<i>Marin Grammes</i> DISTRICT OPERATIONS ENGINEER
EXAMINED BY:	<i>Joseph Lopez</i> DISTRICT CONSTRUCTION ENGINEER
EXAMINED BY:	<i>Bruce White</i> DISTRICT MATERIALS ENGINEER
EXAMINED BY:	<i>James J. Smith</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
EXAMINED BY:	<i>Danna O'Leary</i> ASSISTANT REGIONAL ENGINEER
APPROVED BY:	<i>Mary C. Kemi</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
DATE	3-23-07

ALTERNATE BID

THE PLANS CONTAIN PROVISIONS FOR A BASE BID OF HOT-MIX ASPHALT, OPTION - 1, AND AN ALTERNATE BID OF CONCRETE, OPTION - 2, FOR RAMP H, RAMP D, SHOULDERS, AND TEMPORARY PAVEMENTS. THE CONTRACTOR SHALL INCLUDE IN THE VARIOUS UNIT PRICES ALL ADDITIONAL COSTS ASSOCIATED WITH THE COST OF THE CONCRETE ALTERNATE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SEE NOTES ON THIS SHEET.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
INDEX OF SHEETS AND GENERAL NOTES	
MORGAN AVENUE INTERCHANGE FAI ROUTE 57 WITH FAU ROUTE 9718 WILLIAMSON COUNTY	
SCALE: N/A	DRAWN BY: DH
DATE: 3-19-2007	CHECKED BY: RD

REVISIONS	
NAME	DATE

LOCATION(S):	PERMANENT PAVEMENT		BITUMINOUS SHOULDERS		TEMPORARY PAVEMENT	
	RAMP H (STA 0+00 TO 34+85.64)	RAMP D (STA 100+00 TO 132+65.44)	RAMP D, RAMP H, TEMPORARY RAMP D	RAMP D, RAMP H, TEMPORARY RAMP D	TEMP. RAMP D STA 9+00 TO STA 102+02.61 TEMP. I-57 WIDENING	TEMP. RAMP D STA 9+00 TO STA 102+02.61 TEMP. I-57 WIDENING
MIXTURE USE(S):	FULL DEPTH-BINDER	FULL DEPTH-SURFACE	BOTTOM LIFT	TOP LIFT	FULL DEPTH-SURFACE	FULL DEPTH-BINDER
PG:	SBS-PG76-22	SBS-PG76-22	SBS-P76-22	SBS-P76-22	SBS-PG76-22	SBS-PG76-22
RAP %:	0%	0%	0%	0%	0%	0%
DESIGN AIR VOIDS:	4% eNdes=105	4% eNdes=105	4% eNdes=90	4% eNdes=90	4% eNdes=105	4% eNdes=105
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 25.0	IL 12.5	IL 25.0	IL 12.5	IL 12.5	IL 25.0
FRICTION AGGREGATE:	N/A	IL 9.5	N/A	IL 9.5	IL 9.5	N/A
MIXTURE WEIGHT:	112 lb/sy/ln	MIX D	112 lb/sy/ln	MIX D	MIX D	112 lb/sy/ln

ALTERNATE BID - THE CONTRACTOR SHALL NOTE THE FOLLOWING:

1. IF THE BASE BID IS AWARDED (OPTION 1 - BITUMINOUS), THE FOLLOWING SHEETS WILL BE DELETED FROM THE PLAN SET: 8A-10A, 17A-18A, 23A, 38A.
2. IF THE ALTERNATE BID IS AWARDED (OPTION 2 - CONCRETE), THE FOLLOWING SHEETS WILL BE DELETED FROM THE PLAN SET: 8-10, 17-18, 23, 38.
3. IF THE BASE BID IS AWARDED (OPTION 1 - BITUMINOUS), REFER TO THE COVER SHEET FOR HIGHWAY STANDARDS TO BE DELETED. SHOULD THE ALTERNATE BID BE AWARDED, (OPTION 2 - CONCRETE), ALL STANDARDS INCLUDED REFERRING TO BITUMINOUS SHALL BE DISREGARDED WITH THE EXCEPTION OF THE NECESSARY STANDARDS FOR SHEET 38A.
4. THE PLAN & PROFILE SHEETS FOR RAMP 'H' AND RAMP 'D' WERE PREPARED DEPICTING THE BASE BID (OPTION 1 - BITUMINOUS). IF THE ALTERNATE BID (OPTION 2 - CONCRETE) IS AWARDED, THE CONTRACTOR SHALL DISREGARD ANY REFERENCE IN THESE SHEETS, WITH THE EXCEPTION OF SHEET 38A, WHICH INDICATE BITUMINOUS PAVING MATERIALS AND INSTEAD APPLY THE APPROPRIATE CONCRETE PAY ITEMS.
5. THE STAGE CONSTRUCTION SHEETS WERE PREPARED DEPICTING THE BASE BID, (OPTION 1 - BITUMINOUS). IF THE ALTERNATE BID (OPTION 2 - CONCRETE) IS AWARDED, THE CONTRACTOR SHALL DISREGARD ANY REFERENCE IN THESE SHEETS WHICH INDICATE BITUMINOUS PAVING MATERIALS AND INSTEAD APPLY THE APPROPRIATE CONCRETE PAY ITEMS.
6. THE PAVEMENT MARKING SHEETS WERE PREPARED DEPICTING THE BASE BID (OPTION 1 - BITUMINOUS). IF THE ALTERNATE BID (OPTION 2 - CONCRETE) IS AWARDED, THE CONTRACTOR SHALL DISREGARD ANY REFERENCE IN THESE SHEETS WHICH INDICATE PAVEMENT MARKING FOR BITUMINOUS SURFACES AND INSTEAD APPLY THE APPROPRIATE PAY ITEMS FOR PAVEMENT MARKING ON CONCRETE.
7. THE EARTHWORK QUANTITIES FOR THE ALTERNATE BID (OPTION 2 - CONCRETE) HAVE BEEN ADJUSTED AND ARE PROVIDED ON SHEET 8A. HOWEVER, THE CROSS SECTIONS DEPICT THE BASE BID (OPTION 1 - BITUMINOUS).
8. THE CONTRACTOR SHALL LAY OUT THE CONCRETE PAVEMENT JOINTS AT THE INTERSECTION OF RAMP "H" AND MORGAN AVENUE AND SUBMIT THE LAYOUT TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION. THE REMAINDER OF THE JOINTS SHALL BE IN ACCORDANCE WITH THE APPROPRIATE HIGHWAY STANDARDS.

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 USER NAME = jordan

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	3
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	1000-2A	X281-2A	Y080	STATE
				FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	100%
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	48	48			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	382	382			
20100500	TREE REMOVAL, ACRES	ACRE	1.2	1.2			
20200100	EARTH EXCAVATION	CU YD	(TABLE 1)	(TABLE 1)			
** 20200200	ROCK EXCAVATION	CU YD	4,500	4,500			
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	203		203		
20800150	TRENCH BACKFILL	CU YD	159	159			
25000200	SEEDING, CLASS 2	ACRE	10.5	10.5			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,179	1,179			
** 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,179	1,179			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,179	1,179			
25100115	MULCH, METHOD 2	ACRE	13.1	13.1			
25100630	EROSION CONTROL BLANKET	SQ YD	14,413	14,413			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,987	2,987			
28000400	PERIMETER EROSION BARRIER	FOOT	7,952	7,952			
28000500	INLET AND PIPE PROTECTION	EACH	23	23			
28100105	STONE RIPRAP, CLASS A3	SQ YD	128	128			
28100107	STONE RIPRAP, CLASS A4	SQ YD	919	919			
28200200	FILTER FABRIC	SQ YD	1,047	1,047			
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	25,473	25,473			
30201500	LIME	TON	491	491			
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	5,651	5,651			
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	6,262	6,262			
31102100	SUB-BASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	(TABLE 1)	(TABLE 1)			
31200100	STABILIZED SUB-BASE 4"	SQ YD	(TABLE 1)	(TABLE 1)			
40600895	CONSTRUCTING TEST STRIP	EACH	(TABLE 1)	(TABLE 1)			
40603295	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-25.0, N105	TON	(TABLE 1)	(TABLE 1)			
40603350	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105	TON	(TABLE 1)	(TABLE 1)			
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	(TABLE 1)	(TABLE 1)			
42000411	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	SQ YD	(TABLE 1)	(TABLE 1)			
42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SQ YD	(TABLE 1)	(TABLE 1)			
42001300	PROTECTIVE COAT	SQ YD	(TABLE 1)	(TABLE 1)			
42001400	BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD	237		237		
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	634		634		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	166	166			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	6,701	6,701			
44000100	PAVEMENT REMOVAL	SQ YD	4,976	4,976			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	445	445			
44004000	PAVED DITCH REMOVAL	FOOT	1,906	1,906			
44004250	PAVED SHOULDER REMOVAL	SQ YD	6,938	6,938			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,711	2,711			
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	(TABLE 1)	(TABLE 1)			
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	(TABLE 1)	(TABLE 1)			
48300415	PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"	SQ YD	(TABLE 1)	(TABLE 1)			

TABLE 1 - ALTERNATE QUANTITIES

CODE NO	ITEM	UNIT	CONSTRUCTION TYPE CODE	
			OPTION A	OPTION B
			1000-2A FED 80% STATE 20%	1000-2A FED 80% STATE 20%
20200100	EARTH EXCAVATION	CU YD	215,226	212,890
31102100	SUB-BASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	0	8,322
31200100	STABILIZED SUB-BASE 4"	SQ YD	0	31,735
40600895	CONSTRUCTING TEST STRIP	EACH	2	0
40603295	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-25.0, N105	TON	14,726	0
40603350	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105	TON	1,844	21
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	4,634	7,517
42000411	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	SQ YD	0	3,272
42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SQ YD	1505	13,491
42001300	PROTECTIVE COAT	SQ YD	5,505	26,660
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	8,321	0
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	0	659
48300415	PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"	SQ YD	0	7,663
** 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	72.8	0
** 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	19,469	0
** 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1,261	0
** 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	129	0
** 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	22	0
** 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS & SYMBOLS	SQ FT	0	72.8
** 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	0	19,469
** 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	0	1,261
** 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	0	129
** 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	0	22
X0325769	SUB-BASE GRANULAR MATERIAL, 8 1/2" (TYPE C)	SQ YD	9,642	0

NOTE:
 OPTION A - HOT-MIX ASPHALT
 OPTION B - PORTLAND CEMENT CONCRETE PAVEMENT

* X281-2A
 ** SPECIALTY ITEMS

PLOT DATE = 5/4/2007
 FILE NAME = P:\040800\040800.dgn
 USER NAME = dchanner

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY

1 OF 5

SCALE: N/A
 DATE: 5-04-2007

DRAWN BY: DH
 CHECKED BY: RD

Rev.

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	4
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	1000-2A	X281-2A	Y080	STATE
				FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	100%
50104400	CONCRETE HEADWALL REMOVAL	EACH	4	4			
50105220	PIPE CULVERT REMOVAL	FOOT	242	242			
50200100	STRUCTURE EXCAVATION	CU YD	443		443		
* 50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	15		15		
50300225	CONCRETE STRUCTURES	CU YD	269		269		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	547		547		
50300260	BRIDGE DECK GROOVING	SQ YD	1,152		1,152		
50300280	CONCRETE ENCASEMENT	CU YD	4		4		
50300300	PROTECTIVE COAT	SQ YD	1,773		1,773		
50401105	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 54 IN.	FOOT	2,204		2,204		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	166,680		166,680		
50800515	BAR SPLICERS	EACH	72		72		
51100100	SLOPE WALL 4 INCH	SQ YD	502		502		
51201610	FURNISHING STEEL PILES HP12X63	FOOT	210		210		
51202305	DRIVING PILES	FOOT	210		210		
51203610	TEST PILE STEEL HP12X63	EACH	2		2		
51500100	NAME PLATES	EACH	1		1		
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	274	274			
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	74	74			
542A1057	PIPE CULVERTS, CLASS A, TYPE 2 12"	FOOT	221	221			
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	57	57			
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	20	20			
542A8233	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 48"	FOOT	159	159			
54200649	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 24"	FOOT	553	553			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2			
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	2			
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	2			
54214743	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND SIZE 48"	EACH	2	2			
54215559	METAL END SECTIONS 24"	EACH	6	6			
54246405	INLET BOX, STANDARD 542531	EACH	2	2			
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	2	2			
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	2	2			
54248180	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 48"	EACH	2	2			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,104	1,104			
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	179	179			
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	88	88			
56107400	REMOVE AND RELOCATE WATER MAIN 12"	FOOT	695	695			
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	98		98		
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	12	12			
60107600	PIPE UNDERDRAINS 4"	FOOT	7,179	7,179			
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	215	215			
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	221		221		
60219540	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1			

* SPECIALTY ITEMS

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

2 OF 5

SCALE: N/A DRAWN BY: DH
DATE: 5-04-2007 CHECKED BY: RD

PLT DATE = 5/4/2007
PLT SCALE = 50:0000 / 1" = 50'-0" / 1"
USER NAME = dhoerrner

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	OX1-6-2HBK	WILLIAMSON	272	5
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	1000-2A	X281-2A	Y080	STATE 100%
				FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	2	2			
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	10	10			
60405800	GRATES AND COVERS, TYPE 2A	EACH	2	2			
60500050	REMOVING CATCH BASINS	EACH	1	1			
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	16.0	16.0			
60602500	CONCRETE GUTTER, TYPE A	FOOT	314	314			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,651	2,651			
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	882	882			
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	42	42			
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3,708	3,708			
60625900	P. C. C. RAMPED MEDIAN TERMINAL	EACH	2	2			
63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	1,025	1,025			
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4			
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1	1			
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	7	7			
* 63200305	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	515	515			
63500105	DELINEATORS	EACH	145	145			
63500120	DELINEATOR REMOVAL	EACH	45	45			
66400105	CHAIN LINK FENCE, 4'	FOOT	3,459	3,459			
66500105	WOVEN WIRE FENCE, 4'	FOOT	490	490			
66502300	WOVEN WIRE FENCE REMOVAL	FOOT	3,137	3,137			
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	21	21			
66700095	PERMANENT SURVEY MARKERS	EACH	6	6			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12			
67100100	MOBILIZATION	L SUM	1	1			
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1			
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1			
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1			
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1			
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1			
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	180	180			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	24	24			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	512	512			
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	72.8	72.8			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	13,454	13,454			
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1,261	1,261			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	193	193			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	40	40			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,892.0	2,892.0			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,707	2,707			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	921	921			

*SPECIALTY ITEMS

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY
 3 OF 5
 SCALE: N/A
 DATE: 5-04-2007
 DRAWN BY: DH
 CHECKED BY: RD

PLOT DATE = 5/4/2007
 FILE NAME = P:\98994\98994.dgn
 PLOT SCALE = 50.0000' / IN.
 USER NAME = dthorne

Rev.

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	IX1-6-2HBK	WILLIAMSON	272	6
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	1000-2A	X281-2A	Y080	Y002-1C
				FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	STATE 100%
72000100	SIGN PANEL - TYPE 1	SQ FT	134.0	134.0			
72000200	SIGN PANEL - TYPE 2	SQ FT	119.0	119.0			
72000300	SIGN PANEL - TYPE 3	SQ FT	2,572.0	739.5			1,832.5
72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	919.5	919.5			
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	10,723	10,723			
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	124	124			
73000100	WOOD SIGN SUPPORT	FOOT	212	212			
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	3	3			
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	96	96			
73300200	OVERHEAD SIGN STRUCTURE - SPAN, TYPE II-A (4'-6" X 5'-3")	FOOT	87	87			
73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5'-6")	FOOT	30	30			
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	33	33			
73305000	OVERHEAD SIGN STRUCTURE WALKWAY	FOOT	116	116			
73400100	CONCRETE FOUNDATIONS	CU YD	57.0	57.0			
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	18.1	18.1			
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1	1			
73700100	REMOVE GROUND-MOUNTED SIGN SUPPORT	EACH	10	10			
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	10	10			
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2	2			
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	(TABLE 1)	(TABLE 1)			
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	(TABLE 1)	(TABLE 1)			
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	(TABLE 1)	(TABLE 1)			
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	(TABLE 1)	(TABLE 1)			
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	(TABLE 1)	(TABLE 1)			
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	72.8	72.8			
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	5,632	5,632			
78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	342	342			
78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS & SYMBOLS	SQ FT	(TABLE 1)	(TABLE 1)			
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	(TABLE 1)	(TABLE 1)			
78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	(TABLE 1)	(TABLE 1)			
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	(TABLE 1)	(TABLE 1)			
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	(TABLE 1)	(TABLE 1)			
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	255	255			
78200300	PRISMATIC CURB REFLECTOR	EACH	51	51			
78200410	GUARDRAIL MARKERS, TYPE A	EACH	21	21			
78200530	BARRIER WALL MARKERS, TYPE C	EACH	10	10			
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	7	7			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,341.0	2,341.0			
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	500	500			
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1			
* 81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	94	94			
* 81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	1,130	1,130			
* 81603035	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	6,049	6,049			

* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

4 OF 5

SCALE: N/A
DATE: 5-04-2007

DRAWN BY: DH
CHECKED BY: RD

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	7
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9		ILLINOIS	FED. AID PROJECT	

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
				1000-2A FED 80% STATE 20%	X281-2A FED 80% STATE 20%	Y080 FED 80% STATE 20%	STATE 100%
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	6,670	6,670			
* 82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	29	29			
* 82500540	LIGHTING CONTROLLER TYPE CB-RCS 100AMP - 480VOLT	EACH	1	1			
* 83050810	LIGHT POLE, ALUMINUM, 47.5 FT. M. H., 15 FT. MAST ARM	EACH	29	29			
* 83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	203	203			
Z0030150	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	3	3			
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3			
Z0030280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	4	4			
Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	1	1			
* Z0049100	RAISED PAVEMENT MARKER REFLECTOR REPLACEMENT	EACH	76	76			
0 Z0076600	TRAINEES	HOUR	2,000			2,000	
Z0076800	TURF REINFORCEMENT MAT	SQ YD	8,708	8,708			
50901730	BRIDGE FENCE RAILING	FOOT	369		369		
X0321781	MECHANICAL SPLICE	EACH	180		180		
X0322050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	149		149		
X0322729	MATERIAL TRANSFER DEVICE	TON	(TABLE 1)		(TABLE 1)		
X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1,280		1,280		
X0323830	DRAINAGE SCUPPERS, DS-11	EACH	2		2		
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	146		146		
X0325769	SUB-BASE GRANULAR MATERIAL, 6 1/2", TYPE C	SQ YD	(TABLE 1)		(TABLE 1)		
X0325758	MANHOLES, TYPE A, 8' DIAMETER, TYPE 8 GRATE	EACH	2		2		
Z5000305	SEEDING, CLASS 3A	ACRE	2.6		2.6		
X0325759	TRAFFIC CONTROL AND PROTECTION - STAGE 1	L SUM	1		1		
X0325760	TRAFFIC CONTROL AND PROTECTION - STAGE 2	L SUM	1		1		
X0325761	TRAFFIC CONTROL AND PROTECTION - STAGE 3	L SUM	1		1		
X0325762	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH TOP & 17 INCH BOTTOM BOLT	EACH	29		29		
X0325763	TRAFFIC CONTROL AND PROTECTION, STANDARD 701400	 L SUM	1		1		
* 82001167	TREE, CERCIS CANADENSIS (EASTERN REDBUD) 8' HEIGHT BALLED AND BURLAPPED	EACH	8		8		
* 82002108	TREE, CRATAEGUS VIRIDIS (GREEN HAWTHORN) 7' HEIGHT MULTI-STEM, BALLED AND BURLAPPED	EACH	7		7		
* K0030404	PERENNIAL, RUDBECKIA FULGIDA 'GOLDSTRUM', (GOLDSTRUM BLACK EYED SUSAN), (GALLON)	EACH	1		1		

* SPECIALTY ITEMS
@ Y080

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAI ROUTE 9718
WILLIAMSON COUNTY

5 OF 5

SCALE: N/A

DATE: 5-04-2007

DRAWN BY: DH

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Rev.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	8
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

EARTHWORK (OPTION 1 - BITUMINOUS)						
LOCATION (STATION TO STATION)	EARTH EXCAVATION (CU YD) 20200100	ROCK EXCAVATION (CU YD) 20200200	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+), SHORTAGE (-) (CU YD)	
I-57						
403+53.66 TO 1463+16.00	1,200		900	0	900	
MORGAN AVENUE						
24+50.00 TO 42+00.00	8,158		6,119	11,901	-5,783	
RAMP "H"						
0+00.00 TO 34+00.00	75,494	2,860	56,621	20,561	38,920	
RAMP "D"						
100+00.00 TO 132+00.00	118,023	1,640	88,280	-1,715	84,890	
RAMP "D" & "H" INFIELD						
- TO -	90,197		67,648	0	67,648	
TEMPORARY RAMP "D"						
108+50.00 TO 120+50.00	54		41	1,466	-1,426	
TOTAL	293,126	4,500	219,609	32,213	185,149	

NOTES:

- ALL EARTHWORK QUANTITIES FOR I-57 INCLUDED IN RAMP "D" EARTHWORK.
 - ALL EARTHWORK QUANTITIES FOR RAMP "D" HAVE BEEN ADJUSTED FOR THE PORTION TEMPORARY RAMP "D" EMBANKMENT THAT WILL REMAIN IN-PLACE FOR THE PROPOSED RAMP "D" (REFER TO RAMP "D" CROSS SECTIONS STA. 122+00 THRU STA. 125+00).
 - A QUANTITY OF 4,500 CU. YDS. OF ROCK EXCAVATION HAS BEEN ESTIATED FOR THIS PROJECT AT A RATE OF 4% OF THE TOTAL VOLUME OF EARTH EXCAVATION BASED UPON LIMITED GEOTECHNICAL INVESTIGATIONS WITHIN THE CONSTRUCTION LIMITS.
 - A TOTAL QUANTITY OF 77,900 CU. YDS. OF EARTH EXCAVATION WILL BE REMOVED FROM THE NOTED AREAS BY THE STATES CONTRACTOR FOR CONTRACT NO. 98950. THIS REDUCTION IN THE REQUIRED EARTH EXCAVATION HAS BEEN REFLECTED IN THE FINAL QUANTITY LISTED IN THE SUMMARY OF QUANTITIES.
- AREAS OF EARTH EXCAVATION BORROW ARE DEFINED BY THE FOLLOWING LIMITS:
 RAMP "H" - BETWEEN STATION 21+00 AND STATION 35+00
 RAMP "D" - BETWEEN STATION 104+50 AND STATION 110+00

TREE REMOVAL					
LOCATION (STATION)	OFFSET (FT)	SIDE (LT/RT)	TREE REMOVAL (ACRES) 20100500	TREE REMOVAL (6-15 UNIT DIAMETER) (UNIT DIA.) 20100110	TREE REMOVAL (OVER 15 UNIT DIAMETER) (UNIT DIA.) 20100210
I-57					
STA 403+53.66	158.79	RT			
STA 1463+16.00	196.94	RT			
SUB-TOTAL			0	0	0
MORGAN AVENUE					
STA 36+34.45			1.2		
STA 44+50.01					32
STA 26+37.85	3.98	LT			19
STA 26+41.15	2.52	LT			19
STA 26+81.93	3.42	RT			16
STA 26+89.28	1.23	RT			22
STA 27+12.61	0.63	LT			17
STA 27+31.38	3.30	RT			18
STA 27+54.71	2.40	RT			16
STA 27+58.98	3.41	LT			19
STA 27+80.17	6.05	RT			26
STA 28+69.12	13.14	RT			25
STA 29+08.13	16.36	RT			24
STA 29+16.43	16.16	RT			29
STA 29+99.53	20.38	RT			25
STA 30+26.13	18.15	RT			27
STA 30+69.35	21.16	RT			32
STA 30+96.91	17.20	RT			362
SUB-TOTAL			1.2	0	362
RAMP "D"					
STA 112+01.86	38.11	RT		8	
STA 112+30.30	30.62	RT		7	
STA 112+40.03	44.28	RT		7	
STA 112+77.02	33.91	RT		14	
STA 117+10.98	46.83	RT		12	
STA 131+25.08	86.86	RT		20	
SUB-TOTAL			0.0	48	20
TOTAL			1.2	48	382

SEEDING							
LOCATION (STATION TO STATION)	SEEDING CLASS 2 (ACRE) 25000200	SEEDING CLASS 3A (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND) 25000400	PHOSPHORUS FERTILIZER NUTRIENT (POUND) 25000500	POTASSIUM FERTILIZER NUTRIENT (POUND) 25000600	MULCH METHOD 2 (ACRE) 25100115	TEMP. SEEDING 2 APPL. (POUND) 28000250
MORGAN AVENUE							
24+50 LT & RT TO 42+00 LT & RT	1.7		152	152	152	1.7	385
30+50 LT TO 33+50 LT		0.2	17	17	17	0.2	43
37+10 LT TO 40+50 LT		0.2	14	14	14	0.2	37
37+00 RT TO 42+00 RT		0.4	34	34	34	0.4	87
SUB-TOTAL			1.7	218	218	2.4	552
RAMP "H"							
0+00 LT & RT TO 34+00 LT & RT	3.0		267	267	267	3.0	677
9+50 RT TO 14+00 RT		0.7	59	59	59	0.7	148
19+50 RT TO 31+00 RT		1.0	90	90	90	1.0	228
SUB-TOTAL			3.0	416	416	4.6	1,053
RAMP "D"							
100+00 LT & RT TO 132+50 LT & RT	2.8		256	256	256	2.8	648
110+50 RT TO 113+20 RT		0.2	18	18	18	0.2	46
SUB-TOTAL			2.8	274	274	3.0	693
RAMP "D" & "H" INFIELD							
RAMP H & D INFIELD AREAS	3.0		272	272	272	3.0	689
SUB-TOTAL			3.0	272	272	3.0	689
TOTAL			10.5	1,179	1,179	13.1	2,987

PLT DATE = 5/1/2007
 USER = chae
 USER NAME = chae

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF QUANTITIES MORGAN AVENUE INTERCHANGE FAI ROUTE 57 WITH FAI ROUTE 9718 WILLIAMSON COUNTY 1 OF 9 SCALE: N/A DATE: 5-04-2007
NAME	DATE	
DRAWN BY: DH		CHECKED BY: RD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	IX1-6-2HKB	WILLIAMSON	272	8A
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9		ILLINOIS	FED. AID PROJECT	

EARTHWORK (OPTION 2 - CONCRETE)						
LOCATION (STATION TO STATION)	EARTH EXCAVATION (CU YD) 20200100	ROCK EXCAVATION (CU YD) 20200200	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+), SHORTAGE (-) (CU YD)	
I-57						
403+53.66 TO 1463+16.00	1,276		957	0	957	
MORGAN AVENUE						
24+50.00 TO 42+00.00	8,158		6,119	11,901	-5,783	
**** RAMP "H"						
0+00.00 TO 34+00.00	74,201	2,860	55,651	20,561	37,950	
**** RAMP "D"						
100+00.00 TO 132+00.00	116,804	1,640	86,503	3,110	85,033	
RAMP "D" & "H" INFIELD						
- TO -	90,197		67,648	0	67,648	
TEMPORARY RAMP "D"						
108+50.00 TO 120+50.00	154		116	1,466	-1,351	
TOTAL	290,790	4,500	216,993	37,038	184,454	

- NOTES:
- ALL EARTHWORK QUANTITIES FOR I-57 INCLUDED IN RAMP "D" EARTHWORK.
 - ALL EARTHWORK QUANTITIES FOR RAMP "D" HAVE BEEN ADJUSTED FOR THE PORTION TEMPORARY RAMP "D" EMBANKMENT THAT WILL REMAIN IN-PLACE FOR THE PROPOSED RAMP "D" (REFER TO RAMP "D" CROSS SECTIONS STA. 122+00 THRU STA. 125+00).
 - A QUANTITY OF 4,500 CU. YDS. OF ROCK EXCAVATION HAS BEEN ESTIATED FOR THIS PROJECT AT A RATE OF 4% OF THE TOTAL VOLUME OF EARTH EXCAVATION BASED UPON LIMITED GEOTECHNICAL INVESTIGATIONS WITHIN THE CONSTRUCTION LIMITS.
 - A TOTAL QUANTITY OF 77,300 CU. YDS. OF EARTH EXCAVATION WILL BE REMOVED FROM THE NOTED AREAS BY THE STATES CONTRACTOR FOR CONTRACT NO. 98950. THIS REDUCTION IN THE REQUIRED EARTH EXCAVATION HAS BEEN REFLECTED IN THE FINAL QUANTITY LISTED IN THE SUMMARY OF QUANTITIES.
- AREAS OF EARTH EXCAVATION BORROW ARE DEFINED BY THE FOLLOWING LIMITS:
 RAMP "H" - BETWEEN STATION 21+00 AND STATION 35+00
 RAMP "D" - BETWEEN STATION 104+50 AND STATION 110+00

TREE REMOVAL					
LOCATION (STATION)	OFFSET (FT)	SIDE (LT/RT)	TREE REMOVAL (ACRES) 20100500	TREE REMOVAL (6-15 UNIT DIAMETER) (UNIT DIA.) 20100110	TREE REMOVAL (OVER 15 UNIT DIAMETER) (UNIT DIA.) 20100210
I-57					
STA 403+53.66	158.79	RT			
STA 1463+16.00	196.34	RT			
SUB-TOTAL			0	0	0
MORGAN AVENUE					
1.2					
STA 36+34.45					
STA 44+50.01					
STA 26+37.85	3.98	LT			32
STA 26+41.15	2.52	LT			19
STA 26+81.93	3.42	RT			19
STA 26+89.28	1.23	RT			16
STA 27+12.61	0.63	LT			22
STA 27+31.38	3.30	RT			17
STA 27+54.71	2.40	RT			18
STA 27+56.98	3.81	LT			16
STA 27+80.17	6.05	RT			19
STA 28+69.12	13.14	RT			26
STA 29+08.13	16.36	RT			25
STA 29+16.43	16.16	RT			24
STA 29+59.53	20.58	RT			29
STA 30+26.13	18.15	RT			25
STA 30+69.35	21.16	RT			27
STA 30+96.91	17.20	RT			32
SUB-TOTAL			1.2	0	362
RAMP "D"					
STA 112+01.86	38.11	RT		8	
STA 112+30.30	30.62	RT		7	
STA 112+40.03	44.28	RT		7	
STA 112+77.02	33.91	RT		14	
STA 117+10.98	46.83	RT		12	
STA 131+25.08	85.86	RT			20
SUB-TOTAL			0.0	48	20
TOTAL			1.2	48	382

SEEDING							
LOCATION (STATION TO STATION)	SEEDING CLASS 2 (ACRE) 25000200	SEEDING CLASS 3A (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND) 25000400	PHOSPHORUS FERTILIZER NUTRIENT (POUND) 25000500	POTASSIUM FERTILIZER NUTRIENT (POUND) 25000600	MULCH METHOD 2 (ACRE) 25100115	TEMP. SEEDING 2 APPL. (POUND) 28000250
MORGAN AVENUE							
24+50 LT & RT TO 42+00 LT & RT	1.7		152	152	152	1.7	385
30+50 LT TO 33+50 LT		0.2	17	17	17	0.2	43
37+10 LT TO 40+50 LT		0.2	14	14	14	0.2	37
37+00 RT TO 42+00 RT		0.4	34	34	34	0.4	87
SUB-TOTAL		1.7	0.7	218	218	2.4	552
RAMP "H"							
0+00 LT & RT TO 34+00 LT & RT	3.0		267	267	267	3.0	677
9+50 RT TO 14+00 RT		0.7	59	59	59	0.7	148
19+50 RT TO 31+00 RT		1.0	90	90	90	1.0	228
SUB-TOTAL		3.0	1.7	416	416	4.6	1,053
RAMP "D"							
100+00 LT & RT TO 132+50 LT & RT	2.8		256	256	256	2.8	648
110+50 RT TO 113+20 RT		0.2	18	18	18	0.2	46
SUB-TOTAL		2.8	0.2	274	274	3.0	693
RAMP "D" & "H" INFIELD							
RAMP H & D INFIELD AREAS	3.0		272	272	272	3.0	689
SUB-TOTAL		3.0	0.0	272	272	3.0	689
TOTAL		10.5	2.6	1,179	1,179	13.1	2,987

PLOT DATE = 5/4/2007
 FILE NAME = P:\0486600\gpa\0486600\chds01.d\termoas.dgn
 PLOT SCALE = 200.0000' / IN.
 USER NAME = dbeemar

REVISIONS	
NAME	DATE

OPTION 2 - CONCRETE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAI ROUTE 9718
 WILLIAMSON COUNTY

1 OF 9

SCALE: N/A DRAWN BY: DH
 DATE: 5-04-2007 CHECKED BY: RD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HKB	WILLIAMSON	272	12
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

LOCATION (STATION TO STATION)	PIPE CULVERTS, CLASS A						PRECAST REINFORCED CONCRETE FLARED END SECTIONS					GRATING FOR CONC. FLARED END SECTIONS			PIPE CULVERT T-1, CORR./AL UM. CULV./PIPE 24" (FOOT)	METAL END SECTIONS-24" (EACH) 54E15559	CONCRETE HEADWALL REMOVAL (EACH) 50104400	PIPE CULVERT REMOVAL (FOOT) 50105220	PIPE UNDERDRAINS 4" (FOOT) 60107600	PIPE UNDERDRAINS SPECIAL 4" (FOOT) 60108100	CONCRETE HEADWALL FOR PIPE DRAINS (EACH) 60100060
	TYPE 1 - 30" (FOOT) 542A0235	TYPE 1 - 36" (FOOT) 542A0241	TYPE 2 - 12" (FOOT) 542A1057	TYPE 2 - 18" (FOOT) 542A1063	TYPE 2 - 24" (FOOT) 542A1069	TYPE 2 EQUIV. ROUND SIZE 48" (FOOT) 542A8233	12" (EACH) 54213657	18" (EACH) 54213663	30" (EACH) 54213675	36" (EACH) 54213681	ELLIPTICAL EQUIV. ROUND SIZE 48" (EACH) 54214743	30" (EACH) 54247150	36" (EACH) 54247170	48" EQUIV. ROUND SIZE (EACH) 54248180							
MORGAN AVENUE																					
41+39.10 39.89 RT TO 41+83.23 35.56 RT																		45			
SUB-TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0	0	
RAMP "H"																					
0+00.00 RT TO 4+50.00 RT																			450		
4+51.00 RT TO 9+50.00 RT																			499		
4+50.00, 18.5 RT TO 14+50.00 RT																			499	18	
9+51.00 RT TO 19+72.39 RT																			521	7	
14+50.00, 18.5 RT TO 19+56.68																				18	
19+56.68 TO 19+32.72					20												1				
19+56.68, 46.98 RT TO 19+78.61, 20 RT										70											
19+56.68, 40.98 LT TO 19+56.68, 46.98 LT																		8			
19+73.39 RT TO 23+00.00 RT																			327		
19+78.61, 20.00 RT TO 25+00.00 LT																			243		
22+57.50 LT TO 26+40.60 RT																			338		
23+02.38 RT TO 26+40.60 RT																				18	
23+00.00, 18.5 RT TO 25+00.00, 31.5 LT																				14	
25+00.00, 31.5 LT TO 26+40.60, 49.50 LT					57																
26+40.60, 24 RT TO 26+40.60, 49.50 LT																					
26+40.60, 8 RT TO 26+40.60, 22.14 LT																					
26+41.60 RT TO 29+63.63 RT																				322	
29+66.86 LT TO 34+23.09 LT																				456	
29+66.86, 34.5 LT TO 31+39.21, 18.12 RT																				18	
31+39.21 RT TO 34+02.80 RT																				15	
SUB-TOTAL	0	0	0	57	20	70	0	2	0	0	1	0	0	1	0	0	1	8	3,918	108	
RAMP "D"																					
100+00.00 RT TO 105+00.00 RT																				500	
102+50.00, 17.5 RT TO 105+00.00, 18.5 RT																				17	
105+00.00, 18.5 RT TO 109+50.00 RT																				18	
109+20.50 LT TO 110+74.50 LT																				1	
109+51.00 RT TO 115+00.00 RT																				449	
109+50.00, 18.5 RT TO 112+40, 49.25 LT	274																			549	
109+70, 33 RT TO 111+80 LT																				18	
109+70, 33 RT TO 111+80 LT																				1	
110+17 RT TO 111+80 LT																					
112+40, 49.25 LT TO 114+96 21.0 RT																					
112+75 10.78 RT TO 114+96 21.0 RT					221																
114+96 21 RT TO 120+00.00 RT																				499	
115+01.00 RT TO 116+35.45 149.42 LT																				18	
115+00.00, 18.5 RT TO 116+35.45 149.42 LT																					
115+40.71 187.80 LT TO 116+35.45 149.42 LT																					
116+35.45 149.42 LT TO 120+00.00 RT																				102	
120+00.00 RT TO 120+50, 29.64 RT																				499	
120+00, 45.46 LT TO 120+50, 29.64 RT																				74	
120+00, 45 LT TO 120+40 RT																					
120+00.00, 18.5 RT TO 120+40 RT																				1	
120+14 LT TO 120+40 RT																				18	
120+50, 29.64 RT TO 129+50.27 RT																					
125+00.00, 18.5 RT TO 129+50.27 RT																					
125+01.00 RT TO 129+50.27 RT																				449	
129+42.57 11.97 RT TO 132+65.44 RT																					
129+50.27 RT TO 132+65.44 RT																				315	
129+50.42 TO 129+48.57 11.97 LT																					
129+60.37 73.55 LT TO 129+48.57 11.97 LT	274	74	221	0	0	89	1	0	2	2	1	2	2	1	155	3	87	189	3,261	107	
SUB-TOTAL	274	74	221	0	0	89	1	0	2	2	1	2	2	1	155	3	189	3,261	107	5	
I-57																					
1473+23 RT TO 1475+44 RT																				200	
1474+60 LT TO 1476+77 LT																				198	
SUB-TOTAL	274	74	221	0	0	89	1	0	2	2	1	2	2	1	553	3	189	3,261	107	5	
SUB-TOTAL	274	74	221	57	20	159	1	2	2	2	2	2	2	2	553	1	4	242	7,179	215	
TOTAL	274	74	221	57	20	159	1	2	2	2	2	2	2	2	553	1	4	242	7,179	215	

STRUCTURE NUMBER	LOCATION (STA., OFFSET)	INLETS, TYPE A, TYPE 24 F&G (EACH) 60237470	INLETS, TYPE B, TYPE 24 F&G (EACH) 60240328	MANHOLES, TYPE A		REMOVING CATCH BASINS (EACH) 60500050	INLET BOX, STANDARD 542531 (EACH) 54246405
				4' DIAMETER TYPE 24 F&G (EACH) 60219540	8' DIAMETER TYPE B GRATE (EACH)		
MORGAN AVENUE							
I-4	25+20, 19.00 RT		1				
I-5	25+20, 31.00 LT			1			
I-6	26+00, 31.00 RT		1				
I-7	27+00, 31.17 LT		1				
I-8	27+00, 19.00 RT		1				
I-9	28+50, 31.96 LT		1				
I-10	28+50, 19.00 RT		1				
I-11	31+00, 14.00 LT		1				
I-12	31+00, 20.00 RT		1				
I-13	38+50, 17.55 LT		1				
I-14	38+50, 18.96 RT	1					
I-15	41+00, 20.00 LT		1				
I-16	41+00, 20.00 RT	1					
SUB-TOTAL		2	10	1	0	0	0
RAMP "H"							
	19+40.51, 47 LT						1
	19+56.68, 46.98 LT						1
SUB-TOTAL		0	0	0	1	0	1
RAMP "D"							
	129+50 LT					1	1
	109+10.25 LT						1
SUB-TOTAL		0	0	0	1	1	1
I-57							
	1473+23 RT						1
	1474+60 LT						1
	1475+44 RT						1
	1476+77 LT						1
SUB-TOTAL							4
TOTAL		2	10	1	2	1	6

LOCATION (STATION TO STATION)	STORM SEWERS, CLASS A, TYPE 1			TRENCH BACKFILL (CU YD) 20800150
	12" (FOOT) 550A0050	15" (FOOT) 550A0070	18" (FOOT) 550A0090	
MORGAN AVENUE				
24+33 LT TO 25+20 LT			88	8
25+20, 19.00 RT TO 25+20, 31.00 LT	50			5
25+20, 31.00 LT TO 26+00, 31.00 RT		79		9
26+00, 31.00 RT TO 27+00, 31.17 LT		100		10
27+00, 19.00 RT TO 27+00, 31.17 LT	50			5
27+00, 31.17 LT TO 28+50, 31.96 LT	150			14
28+50, 31.96 LT TO 31+00, 14.00 LT	252			27
28+50, 19.00 RT TO 28+50, 31.96 LT	51			5
31+00, 20.00 RT TO 31+00, 14.00 LT	34			4
38+50, 18.96 RT TO 38+50, 17.55 LT	37			4
38+50, 17.55 LT TO 41+00, 20.00 LT	251			38
41+00, 20.00 RT TO 41+00, 20.00 LT	40			4
41+00, 20.00 LT TO 42+90,	190			28
SUB-TOTAL	1,104	179	88	159
TOTAL	1,104	179	88	159

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES MORGAN AVENUE INTERCHANGE FAI ROUTE 57 WITH FAI ROUTE 9718 WILLIAMSON COUNTY 5 OF 9
SCALE: N/A		DRAWN BY: DH
DATE: 5-04-2007		CHECKED BY: RD

PLOT DATE = 5/4/2007
 FILE NAME = P:\040500\040500.dgn
 PLOT SCALE = 200.0000 / IN.
 USER NAME = dhoerner

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	01-6-2H8K	WILLIAMSON	272	13
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9		ILLINOIS	FED. AID PROJECT	

CURB & GUTTER, MEDIAN SURFACE, CONCRETE SIDEWALKS, CONCRETE OUTLET, PAVED DITCH, FENCING & PAVED DITCH REMOVAL													
LOCATION (STATION TO STATION)	CONCRETE GUTTER, TYPE A (FOOT) 60602500	COMBINATION CONC. CURB & GUTTER, TYPE B 6.24 (FOOT) 60605000	COMBINATION CONC. CURB & GUTTER, TYPE M 6.06 (FOOT) 60608600	COMBINATION CONC. CURB & GUTTER, TYPE M6.24 (FOOT) 60610400	CONCRETE MEDIAN SURFACE, 4" (SQ FT) 60618300	PCC RAMPED MEDIAN TERMINAL (EACH) 60625900	PCC SIDEWALK, 4" (SQ FT) 42400100	CLASS SI CONCRETE (OUTLET) (CU YD) 60600095	GRATES AND COVERS, TYPE 2A (EACH) 6045800	PAVED DITCH REMOVAL (FOOT) 44004000	WOVEN WIRE FENCE 4' (FOOT) 66500105	CHAIN LINK FENCE 4' (FOOT) 66400105	WOVEN WIRE FENCE REMOVAL (FOOT) 66502300
I-57													
410+34.48 140.01 RT TO 412+50.14 201.95 RT										228			
412+00 224.5 RT TO 416+52.83 261.42 RT													592
415+28.75 142.33 RT TO 415+81.87 146.77 RT										54			
SUB-TOTAL	0	0	0	0	0	0	0.0	0	0	282	0	0	592
MORGAN AVENUE													
24+36.64 RT TO 26+00 RT		163							817				
24+13.68 LT TO 28+38.91 LT												422	
24+36.64 LT TO 26+00 LT		163											
24+36.64 1.36 LT TO 32+51.92 38.67 RT													839
25+78.66 RT TO 32+79.08 RT												665	
26+00 RT TO 30+23.67 RT		424							2,118				
26+00 LT TO 28+83.87		284											
26+00.58 TO 26+06.58						1							
26+06.58 LT & RT TO 30+17.67 LT & RT			822		3,111								
30+17.67 RT TO 30+23.67 RT						1							
30+23.67 RT TO 32+55.25 RT		232						1,158					
30+60.67 LT TO 32+55.25 LT		195											
36+46.84 RT TO 42+08.27 RT												619	
36+62.80 LT TO 37+31.17 LT												83	
36+85.54 RT TO 42+07.03 RT		521						2,607					
36+85.54 LT TO 42+07.03 LT		521											
SUB-TOTAL	0	2,503	822	0	3,111	2	6,701	0.0	0	0	0	1,789	839
RAMP "H"													
29+75.26 TO 30+17.02 LT				42									
10+17.85 RT TO 13+40.39 RT											490		323
20+98.74 RT TO 34+50.81 RT												1,399	
21+00.00 RT TO 22+39.00 RT													139
33+94.82 RT TO 34+26.82 RT								3.0					
34+15.07 LT TO 34+47.07 LT								3.0					
34+26.82 RT TO 34+57.30 RT		113											
34+47.07 LT TO 34+70.41 LT		35											
34+44.98 TO 34+64.17			39										
34+46.01 TO 34+65.66			21										
34+64.17 TO 34+65.66					597								
SUB-TOTAL	0	147	60	42	597	0	0	6.0	0	0	490	1,399	462
RAMP "D"													
100+00 68.38 RT TO 113+16.24 RT													1,244
110+70.22 RT TO 112+37.29 RT		167											
111+27.57 RT TO 113+54.58 RT												271	
112+37.29 RT TO 113+12.71 RT								6.5					
112+75.00 RT TO 114+60.00 RT		147							2				
113+12.71 RT TO 114+96.00 RT								3.5					
114+47.16 117.61 LT TO 130+20.61 4.99 RT										1,624			1,244
SUB-TOTAL	314	0	0	0	0	0	0	10.0	2	1,624	0	271	1,244
TOTAL	314	2,651	882	42	3,708	2	6,701	16.0	2	1,906	490	3,459	3,137

PLOT DATE = 9/19/2007
 FILE NAME = P:\98994\98994.dgn
 PLOT SCALE = 200.0000 / IN.
 USER NAME = dhoerner

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAI ROUTE 9718
 WILLIAMSON COUNTY

6 OF 9

SCALE: N/A DRAWN BY: DH
 DATE: 3-19-2007 CHECKED BY: RD

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	14
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

BREAK-AWAY SIGN	LOCATION (STATION)		# POSTS	TYPE	WEIGHT (LB./FT.)	WIDE FLANGE POSTS 72700100						FOUNDATIONS 73400100					
	EXIST.	PROP.				SUB POST		POST #1 (NEAREST TO E.O.P.)		POST #2		POST #3		CONCRETE (CU. YD./ FDN.)	CONCRETE (CU. YD.)	REINF. STEEL (LB./ FDN.)	REINF. STEEL (LB.)
						LENGTH/POST (FT.)	WEIGHT (LB.)	LENGTH* (FT.)	WEIGHT (LB.)	LENGTH* (FT.)	WEIGHT (LB.)	LENGTH* (FT.)	WEIGHT (LB.)				
PROPOSED MARION - NEXT 3 EXITS SIGN (I-57)	-	RT. 238+00	RT. 2	W6x15	15.00	2.50	75.00	15.54	233.13	13.29	199.38	-	-	0.70	1.40	78.00	156.00
PROPOSED MARION EXITS SIGN (I-57)	-	RT. 246+00	RT. 3	W14x38	38.00	3.50	399.00	25.01	950.41	23.02	874.86	20.79	790.08	2.09	6.27	122.00	366.00
EXISTING GAS EXITS SIGN (I-57)	334+50	RT. 331+00	RT. 2	W14x30	30.00	3.00	180.00	24.65	739.40	26.13	783.86	-	-	1.90	3.80	113.00	226.00
EXISTING GAS EXITS SIGN (I-57)	349+00	RT. 339+00	RT. 2	W12x26	26.00	3.00	156.00	23.26	604.70	21.26	552.87	-	-	1.41	2.82	107.00	214.00
EXISTING JOHN LOGAN COLLEGE SIGN (I-57)	393+00	RT. 359+00	RT. 3	W8x18	18.00	2.50	135.00	18.62	335.07	18.07	325.30	17.53	315.53	0.70	2.10	78.00	234.00
EXISTING CRAB ORCHARD SIGN (I-57)	467+00	RT. 367+00	RT. 2	W10x22	22.00	3.00	180.00	23.04	506.79	21.44	471.63	-	-	1.18	2.36	92.00	184.00
PROPOSED EXIT 54B SIGN (I-57)	-	RT. 375+00	RT. 2	W14x30	30.00	3.00	180.00	24.48	734.47	26.18	785.53	-	-	1.90	3.80	113.00	226.00
SUB-TOTAL:						1.257	4,104	5,993						22.6			1,606
EXISTING CAMPING SIGN (RAMP D)	131+79.25	RT. 131+80	RT. 2	W6x9	9.00	2.25	40.50	12.99	116.93	11.79	106.13	-	-	0.70	1.40	78.00	156.00
SUB-TOTAL:							41	117			106			1.4			156
TOTAL:							1,298	4,221			4,099			24.0			1,762
GRAND TOTAL:								10,723 LB.						24.0 CU. YD.			1,762 LB.

*NOTE: POST LENGTHS REPRESENT THE DISTANCE BETWEEN TOP-OF-FOUNDATION AND TOP-OF-SIGN MINUS 2.5".

LOCATION (STA., OFFSET)	SIGN NUMBER OR MESSAGE	SIGN PANEL, TYPE 1 (SQ FT) 72000100	SIGN PANEL, TYPE 2 (SQ FT) 72000200	SIGN PANEL, TYPE 3 (SQ FT) *72000300	RELOCATE SIGN PANEL, TYPE 3 (SQ FT) 72400730	TELESCOPING STEEL SIGN SUPPORT (SQ FT) 72800100	BASE FOR TELESCOPING STEEL SIGN SUPPORT (EACH) 73100100	WOOD SIGN SUPPORT (SQ FT) 73000100
I-57								
334+50	HARRISBURG			147.0	217.5			
348+50	MORGAN AVE / CARBONDALE			256.3				
	HARRISBURG (EXIT)			35.0				
	MORGAN AVE / CARBONDALE (EXIT)			51.3				
349+00					217.5			
1475+00	MAIN STREET (EXIT)			41.3				
1475+00	HARRISBURG			156.8				
	HARRISBURG (EXIT)			147.0				
	HARRISBURG (EXIT)			35.0				
238+00	MARION-NEXT 3 EXITS			113.8				
246+00	MARION EXIT			385.0				
349+00								
375+00	EXIT 54B			157.5				
375+00	EXIT 54B (EXIT)			37.5				
393+00					258.5			
467+00					196.0			
1475+00	MAIN STREET			21.3				
SUB-TOTAL		0.0	21.3	1,563.4	889.5	0	0	0
MORGAN AVENUE								
25+79.32 LT	R3-7 (Right Lane Must Turn Right)	6.3				15		
26+08.45 (MEDIAN)	R4-7 (Keep Right Symbol)	5.0				8	1	
30+00.00 RT	R3-1 (No Left Turn Symbol)	4.0				14		
30+10.80 RT	M4-5 (To) & M1-1 (I-57) & M6-1R (Arrow)	8.2				16		
30+15.00 (MEDIAN)	R4-7 (Keep Right)	5.0				7	1	
30+69.30 LT	R3-1 (No Right Turn Symbol)	4.0				14		
34+44 RT						9	1	
31+53.70 LT	M4-5 (To) & M1-1 (I-57) & M6-3 (Arrow)	8.2				16		
SUB-TOTAL		40.6	0.0	0.0	0.0	99	3	0
RAMP "H"								
2+37.47	MAIN STREET EXIT		21.3					
2+35.47	MAIN STREET EXIT			41.3				
2+35.47	MAIN STREET			123.8				
2+35.47	HARRISBURG			147.0				
2+35.47	HARRISBURG (EXIT)			35.0				
2+35.47	MORGAN AVE / CARBONDALE		20.0	257.3				
2+35.47	MORGAN AVE / CARBONDALE (EXIT)			61.3				
7+10.26 LT	EXIT 54B			45.0				15
16+00	CARBONDALE			187.5				
16+00	MORGAN AVENUE			110.0				
22+00 RT	W13-3 (Ramp - 50 MPH)		20.0					16
28+00.00 RT	R8-3a (No Parking Symbol)	4.0						13
30+00 RT	W13-3 (Ramp - 25 MPH)							16
32+97.50 LT	R5-1a (Wrong Way)	6.0						13
32+97.50 RT	R5-1a (Wrong Way) & R8-3a (No Parking)	10.0						13
35+05.47 LT	R3-7 (Left Lane Must Turn Left)	6.3						13
34+05.47 RT	R3-7R (Right Lane Must Turn Right)	6.3						13
34+47.16 LT	R1-1 (Stop) & R1-A00 (Cross Traffic Does Not Stop)	10.0						14
34+49.78 LT	R5-1 (Do Not Enter) & (2)R6-1 (One Way)	12.3						14
34+28.58 RT	R5-1 (Do Not Enter)	6.3						13
34+44.00 RT	R6-1 (One Way) & R5-1 (Do Not Enter)	9.3						13
SUB-TOTAL		70.3	61.3	1,008.1	0.0	0	0	182
RAMP "D"								
107+00.00 RT	R8-3a (No Parking Symbol)	4.0						13
109+50 RT	W13-3 (Ramp - 50 MPH)		20.0					16
121+00.00 RT	R8-3a (No Parking Symbol)	9.0						14
129+85 LT	W4-3 (MEDIAN)		16.0					17
SUB-TOTAL		13.0	36.0	0.0	30.0	0	0	60
TEMPORARY RAMP "D"								
119+65 52' LT	R 10-6a	5.0				13		
120+10 8' RT	R 10-6a	5.0				13		
SUB-TOTAL		10.0	0.0	0.0	0.0	25	0	0
TOTAL		133.9	118.5	2,571.5	919.5	124	3	212

* ALL OVERHEAD MOUNTED SIGNS INCLUDING TRUSS AND BRIDGE MOUNTED (1,832.9 SQ FT) WILL BE PAID FOR AS 100% STATE. TYPE ZZ RETROREFLECTIVE SHEETING WILL BE APPLIED TO THESE PANELS, SEE SPECIAL PROVISIONS FOR DETAILS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES MORGAN AVENUE INTERCHANGE FAI ROUTE 57 WITH FAI ROUTE 978 WILLIAMSON COUNTY 7 OF 9 SCALE: N/A DATE: 4-26-2007 DRAWN BY: DH CHECKED BY: RD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	16
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9		ILLINOIS	FED. AID PROJECT	

IMPACT ATTENUATOR & TEMPORARY CONCRETE BARRIERS						
LOCATION (STATION TO STATION)	IMPACT ATTENUATOR, TEMPORARY (FULLY-REDIRECTIVE, NARROW) TEST LEVEL 3 (EACH) Z0030260	IMPACT ATTENUATOR, TEMPORARY (SEVERE USE, NARROW) TEST LEVEL 3 (EACH) Z0030280	IMPACT ATTENUATORS, RELOCATE (FULLY-REDIRECTIVE) TEST LEVEL 3 (EACH) Z0030330	IMPACT ATTENUATOR, (NON-REDIRECTIVE) TEST LEVEL 3 (EACH) Z0030150	TEMPORARY CONCRETE BARRIER (FOOT) 70400100	RELOCATE TEMPORARY CONCRETE BARRIER (FOOT) 70400200
I-57						
398+22, 18.5 RT TO 398+52, 18.5 LT		1			126	
398+52, 18.50 RT TO 399+78, 8.0 RT					722	
399+78, 8.0 RT TO 407+00, 8.0 RT						
1471+39, 18.50 RT TO 1471+79, 18.50 RT			1			
1471+79, 18.5 RT TO 1481+00, 8.0 RT						921
1473+05, 22 LT TO 1473+46, 19.0 LT	1					
1473+39 RT TO 1473+78 RT	1					
1473+46, 19.0 LT TO 1475+84 LT					238	
1473+78 RT TO 1477+53 RT					375	
1474+26 RT TO 1476+00 RT					174	
1474+26 LT TO 1476+63 LT					263	
1474+69.32 TO 1475+11.41						
1474+42.65 TO 1474+84.06				1		
1475+22.75 TO 1475+64.16				1		
1476+00, 30.72 RT TO 1476+30 RT		1				
1476+63 LT TO 1477+03 LT	1					
SUB-TOTAL	3	2	1	3	1,898	921
RAMP "D"						
108+01 LT TO 108+31 11.86 LT		1			429	
108+31, 11.86 LT TO 112+60, 2.0 RT					429	0
SUB-TOTAL	0	1	0	0	429	0
IL 13						
1802+20 LT TO 1806+00		1			380	
1806+00 LT TO 1806+30 LT						
SUB-TOTAL	0	1	0	0	380	0
TOTAL	3	4	1	3	2,707	921

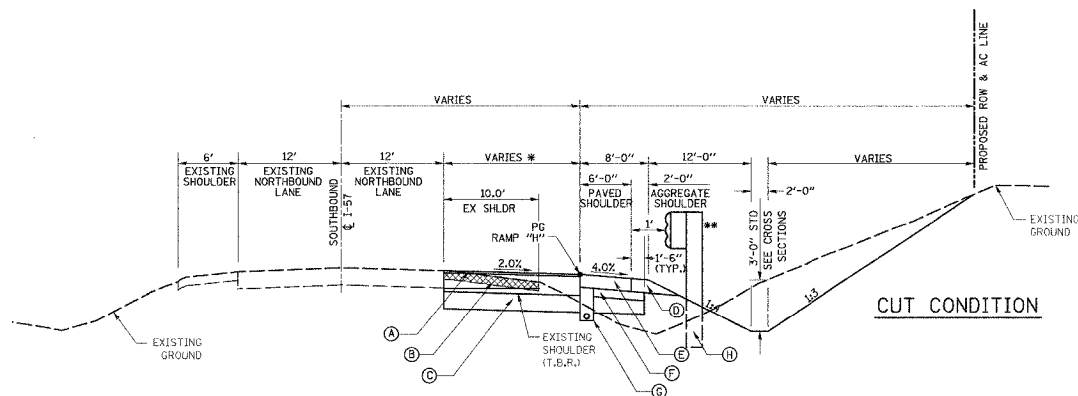
R.O.W. MARKERS		
LOCATION	OFFSET	NUMBER OF MARKERS
RAMP "H"		
411+00.00	146.00' RT	1
411+00.00	216.00' RT	1
414+50.00	146.00' RT	1
414+50.00	216.00' RT	1
1463+42.53	146.00' RT	1
1467+91.19	277.13' RT	1
1471+69.62	464.34' RT	1
1472+08.02	477.75' RT	1
1473+72.12	513.01' RT	1
1475+76.28	513.75' RT	1
SUB-TOTAL		10
RAMP "D"		
1476+21.19	146.00' RT	1
1477+16.22	146.00' RT	1
1478+83.63	209.07' RT	1
SUB-TOTAL		3
MORGAN AVE.		
1474+20.62	523.72' LT	1
1475+45.66	232.00' LT	1
1476+16.10	561.86' RT	1
1477+17.26	722.95' RT	1
1477+81.01	509.37' RT	1
1477+84.92	1002.24' RT	1
1477+96.76	960.96' RT	1
1478+12.46	772.62' RT	1
SUB-TOTAL		9
TOTAL		21

DELINEATORS				
LOCATION (STATION TO STATION)	DELINEATORS (EACH) 63500105			
	SINGLE WHITE (EACH)	SINGLE AMBER (EACH)	DOUBLE WHITE (EACH)	DOUBLE AMBER (EACH)
RAMP "H"				
0+00 RT TO 21+00 RT			22	
7+21 LT TO 21+00 LT				15
22+30 RT	1			
22+81.45 RT TO 26+67.31 RT	6			
24+41.45 LT TO 26+67.31 LT		4		
26+67.31 RT TO 30+78.22 RT	5			
26+67.31 LT TO 30+78.22 LT		5		
30+78.22 RT TO 32+93.21 RT	6			
31+18.22 LT TO 32+93.21 LT		6		
33+78.21 RT	1			
33+78.21 LT		1		
SUB-TOTAL	19	16	22	15
RAMP "D"				
99+42.66 LT TO 130+83.65 LT		36		
101+42.66 RT TO 132+65.44 RT	37			
SUB-TOTAL	37	36	0	0
TOTAL	56	52	22	15

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES MORGAN AVENUE INTERCHANGE FAI ROUTE 57 WITH FAU ROUTE 9718 WILLIAMSON COUNTY 9 OF 9 SCALE: N/A DATE: 3-19-2007 DRAWN BY: DH CHECKED BY: RD

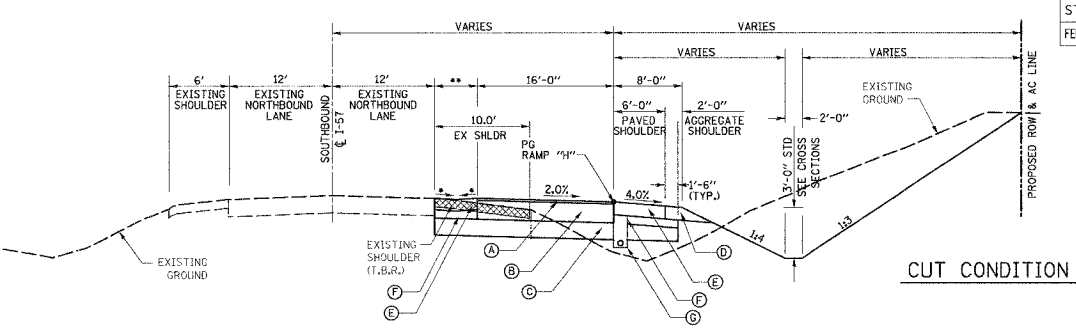
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	17
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



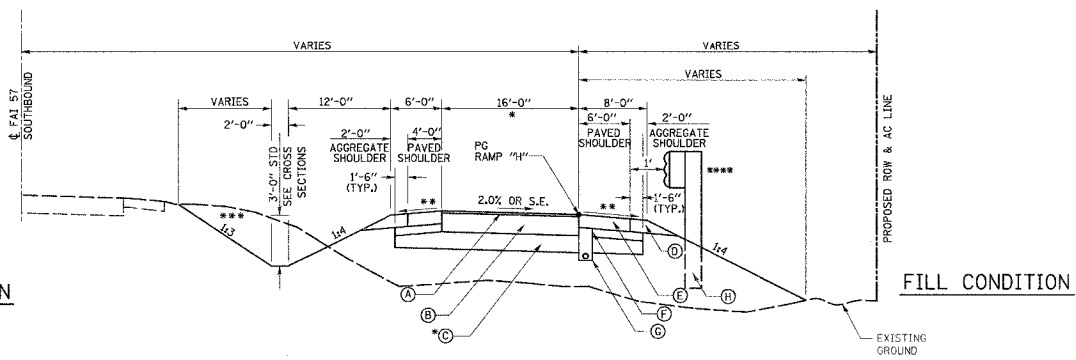
RAMP "H" - SECTION 1
STA 0+00.00 TO STA 3+00.00

- * PAVEMENT WIDTH TRANSITION FROM 1'-6" TO 17'-6"
- ** GUARDRAIL BEGINS AT STA. 400+98.27 (I-57) RT. GUARDRAIL ENDS AT STA. 2+44.43 RT.



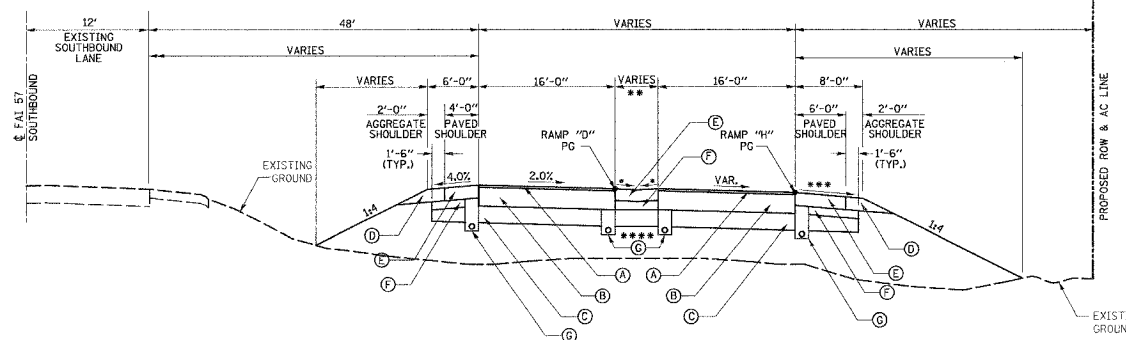
RAMP "H" - SECTION 2
STA 3+00.00 TO STA 6+60.00

- * 1.5% SLOPE TO SWALE FOR DRAINAGE IN GORE AREA
- ** WIDTH TRANSITION FROM 1'-6" TO 21'-0" SEE CROSS SECTIONS



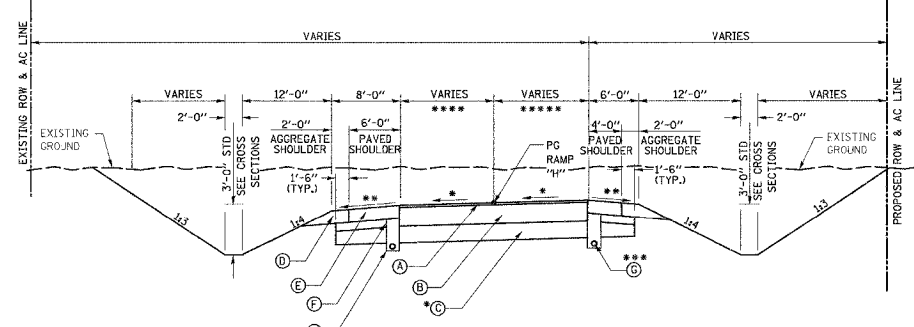
RAMP "H" - SECTION 3
STA 6+60.00 TO STA 21+07
STA 23+75.89 TO STA 30+78.22

- * STA 15+97.26 TO STA 21+07 WIDTH TRANSITION FROM 16'-0" TO 33'-0"
- ** VARIES 4% TO 0.5% AT S.E. LT. AND 4% OR S.E., WHICHEVER IS GREATER RT.
- *** MATCH 1:6 FORESLOPE OF EXISTING FAI 57
- **** GUARDRAIL BEGINS AT STA. 13+34.06 RT. GUARDRAIL ENDS AT STA. 16+09.37 RT.



RAMP "H" - SECTION 4
STA 21+07 TO STA 23+75.89

- * 1.5% SLOPE TO SWALE FOR DRAINAGE IN GORE AREA
- ** WIDTH TRANSITION FROM 1' TO 16' SEE CROSS SECTIONS
- *** 4% OR SE, WHICHEVER IS GREATER
- **** SEE SHEET 47 FOR LOCATION OF DRAINS



RAMP "H" - SECTION 5
STA 30+78.22 TO STA 34+85.64

- * SUPERELEVATION TRANSITION STA. 30+78.22 TO 34+85.64 SEE INTERSECTION DETAILS.
- ** 4% OR SE, WHICHEVER IS GREATER LT., VARIES 4% TO 0.5% RT.
- *** STA. 31+39.21 TO STA. 34+02.80
- **** WIDTH VARIES FROM 16'-0" TO 12'-0"
- ***** WIDTH VARIES FROM 0'-0" TO 12'-0"

NOTE:
EXISTING PIPE UNDERDRAINS PARALLEL TO I-57 WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED OR REMOVED AND RE-INSTALLED TO MATCH EXISTING CONDITION PRIOR TO RAMP CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST OF VARIOUS ITEMS OF WORK.
WHERE PROPOSED GRADING WILL INTERFERE WITH EXISTING PIPE UNDERDRAIN OUTLETS OR WHEN THEY ARE DISTURBED DURING CONSTRUCTION, THEY SHALL BE REMOVED AND RE-INSTALLED AND/OR EXTENDED TO "DAYLIGHT". THE EXISTING PRECAST HEADWALLS SHALL BE SALVAGED AND RESET. WORK SHALL BE PAID FOR AT UNIT PRICE OF VARIOUS ITEMS OF WORK.

STRUCTURAL DESIGN TRAFFIC:	YEAR: 2020	
PV = 5,179.	SU = 248.	MU = .83.
ROAD CLASSIFICATION:	CLASS: I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 100%	S = 100%	M = 100%
SUBGRADE SUPPORT RATING:	FAIR	
PAVEMENT DESIGN:		
HOT-MIX ASPHALT SURFACE, 1.5"		
HOT-MIX ASPHALT BINDER, 1.5"		
LIME MODIFIED OR GRANULAR SUBBASE, 12"		
(VARIABLE LOCATIONS)		

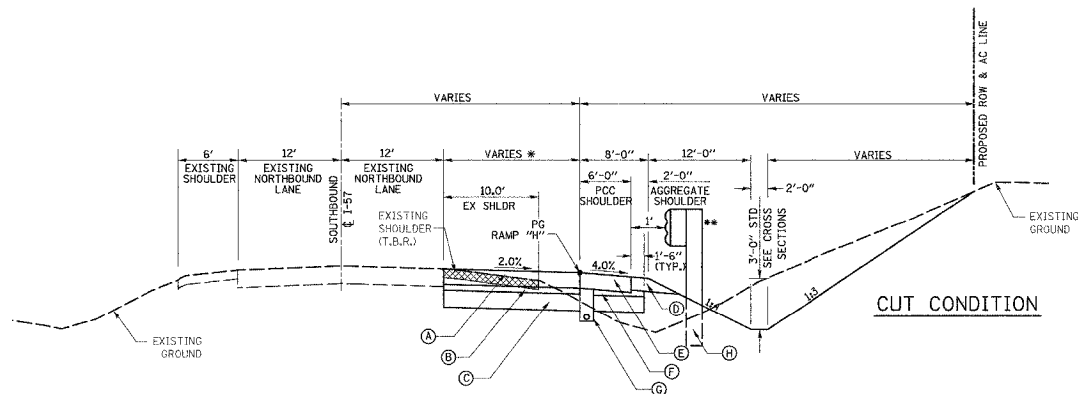
- LEGEND**
- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", NIOS, 1.5"
 - (B) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-25.0, NIOS, 15"
 - (C) LIME MODIFIED SOIL, 12" SUBBASE GRANULAR MATERIAL, TYPE A, 12" STATION 25+00 TO STATION 33+00
 - (D) AGGREGATE SHOULDER TYPE B, 8"
 - (E) HOT-MIX ASPHALT SHOULDERS, SUPERPAVE, 8"
 - (F) SUBBASE GRANULAR MATERIAL, TYPE C, 8-1/2"
 - (G) PIPE UNDERDRAINS, 4"
 - (H) STEEL PLATE BEAM GUARDRAIL, TYPE A

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS - RAMP 'H'
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY
SCALE: NONE
DATE: 4-26-2007
DRAWN BY: DEH
CHECKED BY: RD

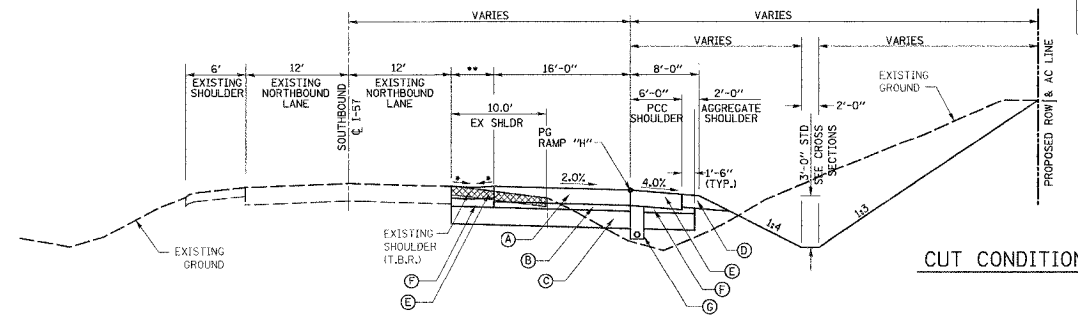
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	17A
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9		ILLINOIS	FED. AID PROJECT	



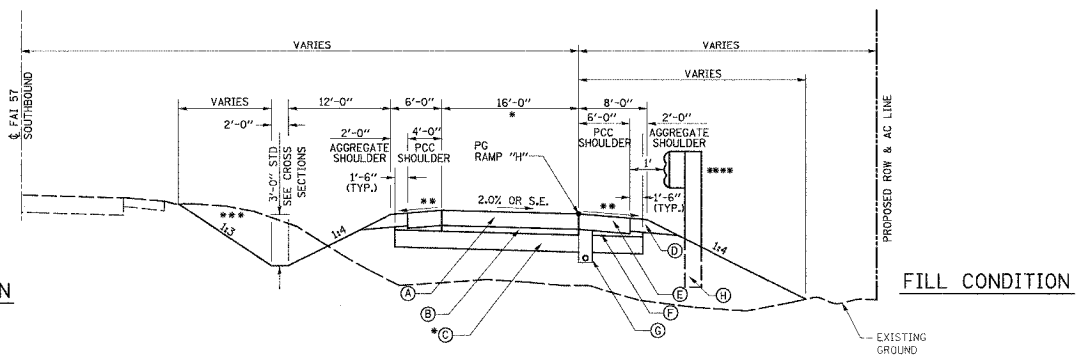
RAMP "H" - SECTION 1
STA 0+00.00 TO STA 3+00.00

- * PAVEMENT WIDTH TRANSITION FROM 1'-6" TO 17'-6"
- ** GUARDRAIL BEGINS AT STA. 400+98.27 (I-57) RT. GUARDRAIL ENDS AT STA. 2+44.43 RT.



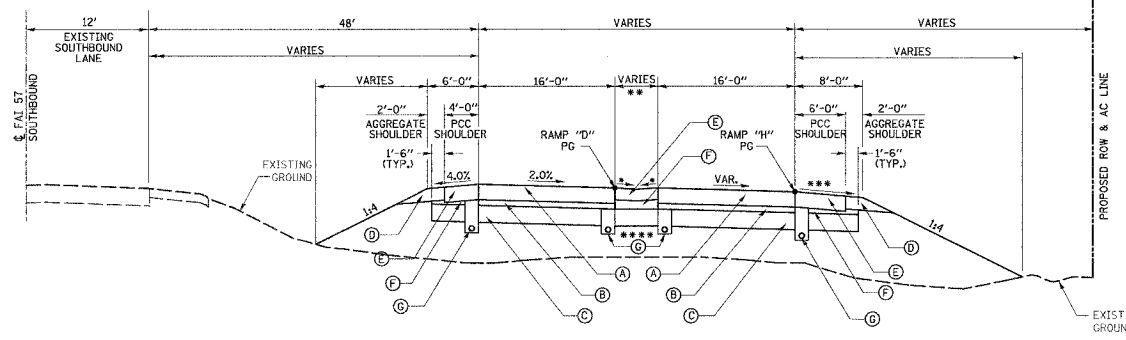
RAMP "H" - SECTION 2
STA 3+00.00 TO STA 6+00.00

- * 1.5% SLOPE TO SWALE FOR DRAINAGE IN CORE AREA
- ** WIDTH TRANSITION FROM 1'-6" TO 21'-0" SEE CROSS SECTIONS



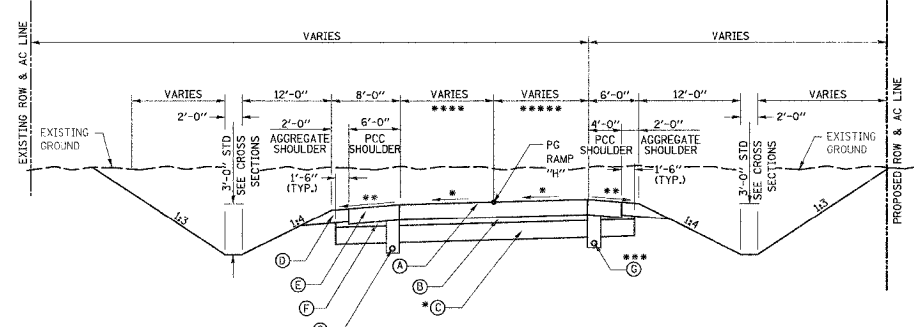
RAMP "H" - SECTION 3
STA 6+00.00 TO STA 21+07
STA 23+75.89 TO STA 30+78.22

- * STA 15+97.26 TO STA 21+07 WIDTH TRANSITION FROM 16'-0" TO 33'-0"
- ** VARIES 4% TO 0.5% AT S.E. LT. AND 4% OR S.E., WHICHEVER IS GREATER RT.
- *** MATCH 1:6 FORESLOPE OF EXISTING FAI 57
- **** GUARDRAIL BEGINS AT STA. 13+34.06 RT. GUARDRAIL ENDS AT STA. 16+09.37 RT.



RAMP "H" - SECTION 4
STA 21+07 TO STA 23+75.89

- * 1.5% SLOPE TO SWALE FOR DRAINAGE IN CORE AREA
- ** WIDTH TRANSITION FROM 1' TO 16' SEE CROSS SECTIONS
- *** 4% OR SE, WHICHEVER IS GREATER
- **** SEE SHEET 58 FOR LOCATION OF DRAINS



RAMP "H" - SECTION 5
STA 30+78.22 TO STA 34+85.64

- * SUPERELEVATION TRANSITION STA. 30+78.22 TO 34+85.64 SEE INTERSECTION DETAILS.
- ** 4% OR SE, WHICHEVER IS GREATER LT., VARIES 4% TO 0.5% RT.
- *** STA. 31+39.21 TO STA. 34+02.80
- **** WIDTH VARIES FROM 16'-0" TO 12'-0"
- ***** WIDTH VARIES FROM 0'-0" TO 12'-0"

LEGEND

- (A) PCC PAVEMENT, 9-3/4" (JOINTED)
- (B) STABILIZED SUBBASE, 4"
- (C) LIME MODIFIED SOIL, 12" SUBBASE GRANULAR MATERIAL, TYPE A, 12" STATION 25+00 TO STATION 33+00
- (D) AGGREGATE SHOULDER, TYPE B
- (E) PCC SHOULDER, 9-3/4"
- (F) SUBBASE GRANULAR MATERIAL, TYPE C, 4"
- (G) PIPE UNDERDRAINS, 4"
- (H) STEEL PLATE BEAM GUARDRAIL, TY A

STRUCTURAL DESIGN TRAFFIC:	YEAR: 2020	
PV = 5,179.	SU = 248	MU = .83
ROAD CLASSIFICATION:	CLASS: I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 100%	S = 100%	M = 100%
SUBGRADE SUPPORT RATING:	FAIR	
PAVEMENT DESIGN:		
PCC PAVEMENT, 9-3/4"		
STABILIZED SUBBASE, 4"		
LIME MODIFIED OR GRANULAR SUBBASE, 12"		
(VARIABLE LOCATIONS)		

NOTE:
EXISTING PIPE UNDERDRAINS PARALLEL TO I-57 WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED OR REMOVED AND RE-INSTALLED TO MATCH EXISTING CONDITION PRIOR TO RAMP CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST OF VARIOUS ITEMS OF WORK.

WHERE PROPOSED GRADING WILL INTERFERE WITH EXISTING PIPE UNDERRAIN OUTLETS OR WHEN THEY ARE DISTURBED DURING CONSTRUCTION, THEY SHALL BE REMOVED AND RE-INSTALLED AND/OR EXTENDED TO "DAYLIGHT". THE EXISTING PRECAST HEADWALLS SHALL BE SALVAGED AND RESET. WORK SHALL BE PAID FOR AT UNIT PRICE OF VARIOUS ITEMS OF WORK.

REVISIONS	
NAME	DATE

OPTION 2 - CONCRETE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - RAMP 'H'

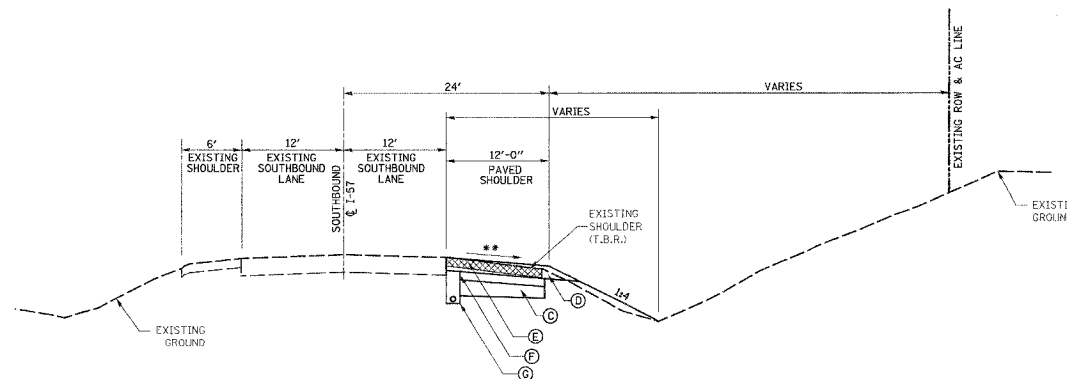
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

SCALE: NONE
DATE: 4-26-2007

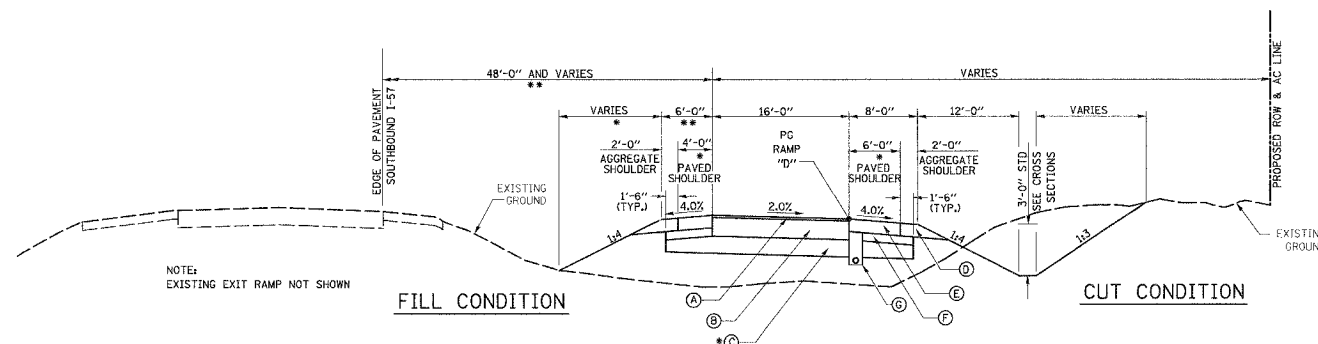
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CHECKED BY: RD

PLOT DATE = 4/26/2007
FILE NAME = P:\MORRIS\98994\98994.dgn
PLOT SCALE = 1/8" = 1'-0"
USER NAME = gharner

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	18
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



SOUTHBOUND I-57
STA 1475+00 TO STA 1480+50
(AT EXISTING RAMP "D" REMOVAL)



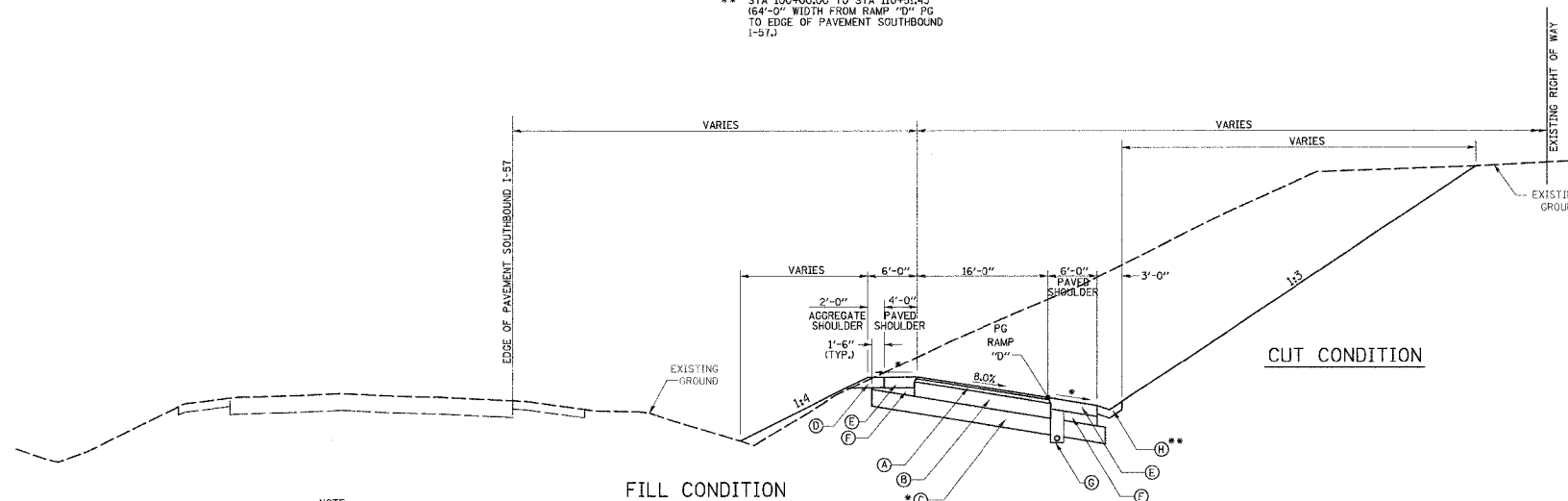
RAMP "D" - SECTION 1

STA 100+00.00 TO STA 110+51.43
STA 114+49.88 TO STA 126+83.65

* STA 100+00.00 TO STA 101+20.00 REFER TO SOUTHBOUND RAMP "H" TYPICAL SECTIONS AND CROSS SECTIONS FOR GORE SEPARATION AREA

** STA 100+00.00 TO STA 110+51.43 (64'-0" WIDTH FROM RAMP "D" PG TO EDGE OF PAVEMENT SOUTHBOUND I-57.)

NOTE:
EXISTING EXIT RAMP NOT SHOWN



RAMP "D" - SECTION 2

STA 110+51.43 TO STA 114+49.88
STA 126+83.65 TO STA 132+65.44

* 4% OR SE, WHICHEVER IS GREATER RT., VARIES 4% TO 0.5% LT.

**TYPE A GUTTER STA. 110+51.43 TO STA. 114+49.88

NOTE:
EXISTING EXIT RAMP NOT SHOWN

NOTE:
EXISTING PIPE UNDERDRAINS PARALLEL TO I-57 WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED OR REMOVED AND RE-INSTALLED TO MATCH EXISTING CONDITION PRIOR TO RAMP CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST OF VARIOUS ITEMS OF WORK.

WHERE PROPOSED GRADING WILL INTERFERE WITH EXISTING PIPE UNDERDRAIN OUTLETS OR WHEN THEY ARE DISTURBED DURING CONSTRUCTION, THEY SHALL BE REMOVED AND RE-INSTALLED AND/OR EXTENDED TO "DAYLIGHT". THE EXISTING PRECAST HEADWALLS SHALL BE SALVAGED AND RESET. WORK SHALL BE PAID FOR AT UNIT PRICE OF VARIOUS ITEMS OF WORK.

LEGEND

- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105, 1.5"
- (B) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-25.0, N105, 1.5"
- (C) LIME MODIFIED SOIL, 12" SUBBASE GRANULAR MATERIAL, TYPE A, 12" STATION 25+00 TO STATION 33+00
- (D) AGGREGATE SHOULDER TYPE B, 8"
- (E) HOT-MIX ASPHALT SHOULDERS, SUPERPAVE, 8"
- (F) SUBBASE GRANULAR MATERIAL, TYPE C, 8-1/2"
- (G) PIPE UNDERDRAINS, 4"
- (H) STEEL PLATE BEAM GUARDRAIL, TY A

STRUCTURAL DESIGN TRAFFIC:	YEAR: 2020	
PV = 5,179	SU = 248	MU = .83
ROAD CLASSIFICATION:	CLASS: I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 100%	S = 100%	M = 100%
SUBGRADE SUPPORT RATING:	FAIR	
PAVEMENT DESIGN:		
HOT-MIX ASPHALT SURFACE, 1.5"		
HOT-MIX ASPHALT BINDER, 1.5"		
LIME MODIFIED OR GRANULAR SUBBASE, 12"		
(VARIABLE LOCATIONS)		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS - RAMP 'D'
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

SCALE: NONE
DATE: 4-26-2007
DRAWN BY: DEH
CHECKED BY: RD

PLOT DATE = 4/26/2007
FILE NAME = P:\24062007\98994\98994.dgn
PLOT SCALE = 1/8" = 1'-0"
USER NAME = gsharpe

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HRK	WILLIAMSON	272	19
STA.	TO STA.			
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT		

STRUCTURAL DESIGN INFORMATION
MORGAN AVENUE - HALFWAY ROAD TO BRIDGE

ROAD CLASSIFICATION: URBAN COLLECTOR

STRUCTURAL DESIGN TRAFFIC:
PV = 13,300 SU = 190 MU = 60

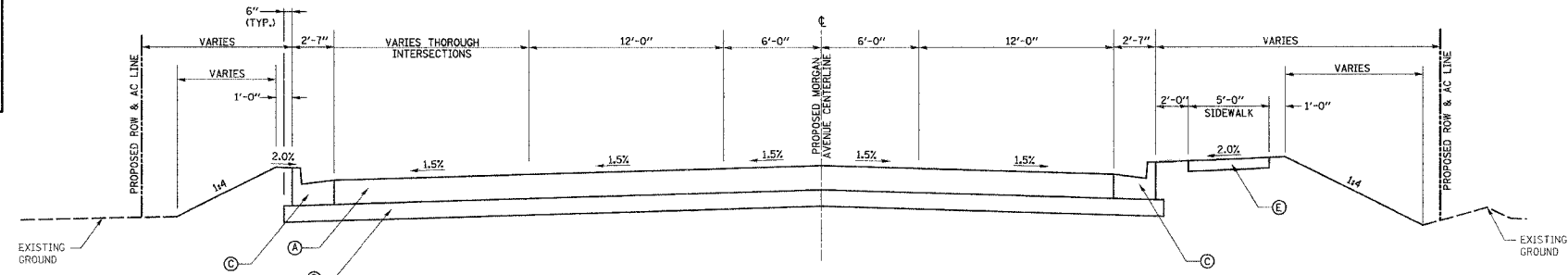
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
P = 50% S = 5.0% M = 50%

MINIMUM SUBGRADE SUPPORT RATING: POOR

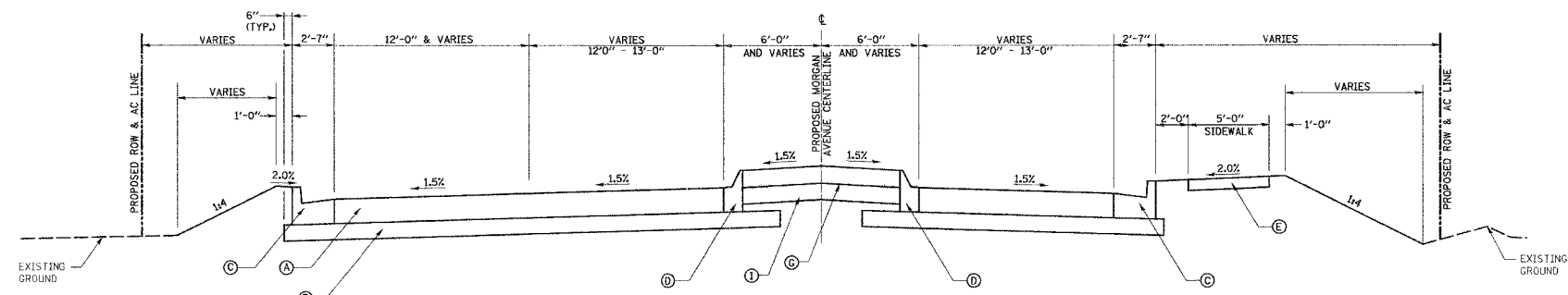
RIGID PAVEMENT DESIGN:
8" P.C.C. PAVEMENT
4" SUBBASE GRANULAR MATERIAL, TYPE A

LEGEND

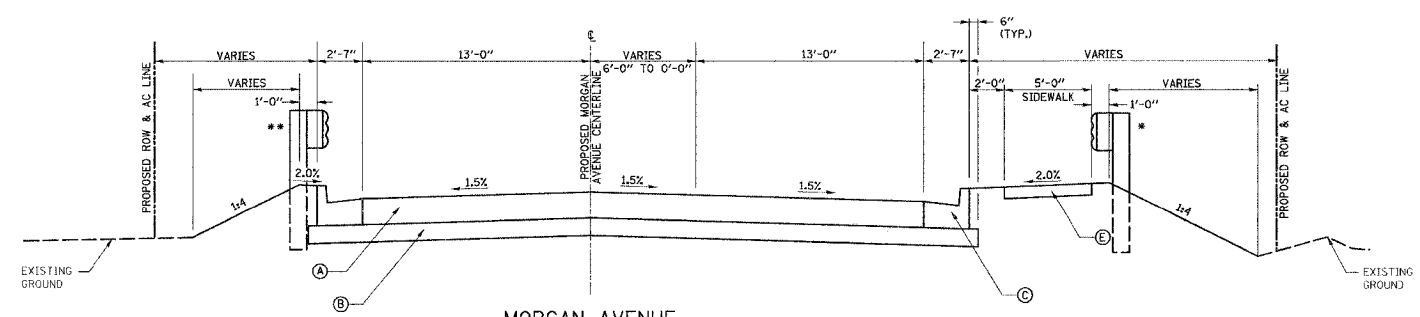
- (A) P.C.C. PAVEMENT, 8"
- (B) SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- (C) B-6.24 CURB & GUTTER
- (D) M-6.06 CURB & GUTTER
- (E) P.C.C. SIDEWALK, 4"
- (F) BRIDGE APPROACH PAVEMENT (SPECIAL)
- (G) 4' MEDIAN P.C.C.
- (H) STEEL PLATE BEAM GUARDRAIL, TY A
- (I) 4" AGGREGATE BACKFILL, INCLUDED WITH MEDIAN



MORGAN AVENUE
SECTION 1
STA 24+36.64 TO STA 26+00.00



MORGAN AVENUE
SECTION 2
STA 26+00.00 TO STA 30+23.67



MORGAN AVENUE
SECTION 3
STA 30+23.67 TO STA 32+55.25 **
* GUARDRAIL BEGINS AT STA. 31+21.88 LT. AND STA. 30+36.18 RT.
** STA. 31+55.25 TO STA. 32+55.25 BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) SEE STANDARD 420-01

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS - MORGAN AVENUE MORGAN AVENUE INTERCHANGE FAI ROUTE 57 WITH FAI ROUTE 9718 WILLIAMSON COUNTY SCALE: NONE DATE: 3-19-2007 DRAWN BY: DEH CHECKED BY: RD

PLOT DATE = 3/19/2007
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 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = dbeamer

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	20
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

STRUCTURAL DESIGN INFORMATION
MORGAN AVE. - BRIDGE TO CARBON ST.

ROAD CLASSIFICATION: URBAN COLLECTOR

STRUCTURAL DESIGN TRAFFIC:
 PV = 5,730 SU = 88 MU = 29

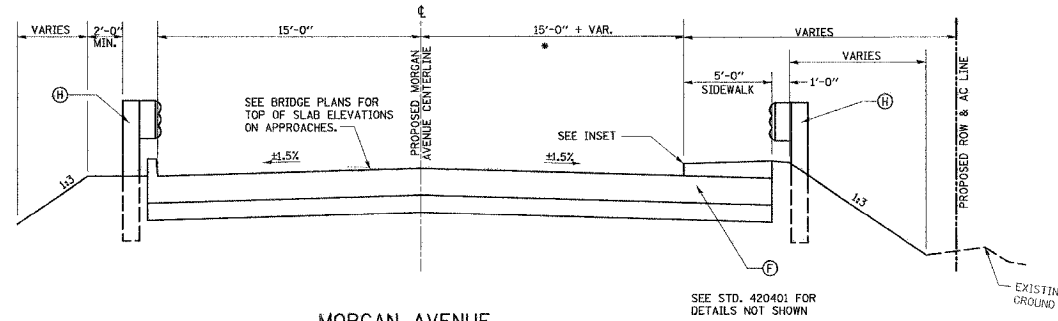
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P = 50% S = 5.0% M = 50%

MINIMUM SUBGRADE SUPPORT RATING: POOR

RIGID PAVEMENT DESIGN:
 8" P.C.C. PAVEMENT
 4" SUBBASE GRANULAR MATERIAL, TYPE A

LEGEND

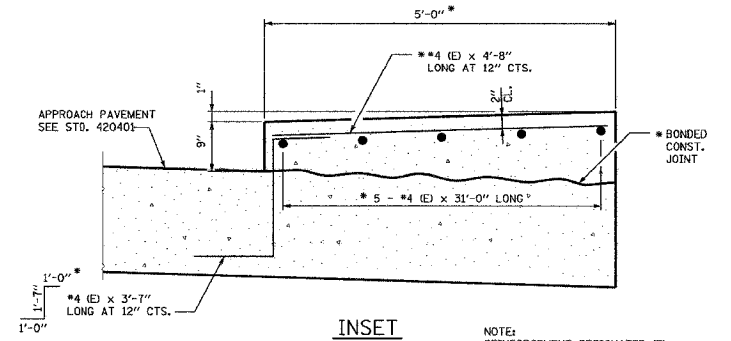
- (A) P.C.C. PAVEMENT, 8"
- (B) SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- (C) B-6.24 CURB & GUTTER
- (D) M-6.06 CURB & GUTTER
- (E) P.C.C. SIDEWALK, 4"
- (F) BRIDGE APPROACH PAVEMENT (SPECIAL)
- (G) 4" MEDIAN P.C.C.
- (H) STEEL PLATE BEAM GUARDRAIL, TYP A



MORGAN AVENUE SECTION 4

STA 32+55.25 TO STA 32+85.25
 STA 36+55.54 TO STA 36+85.54

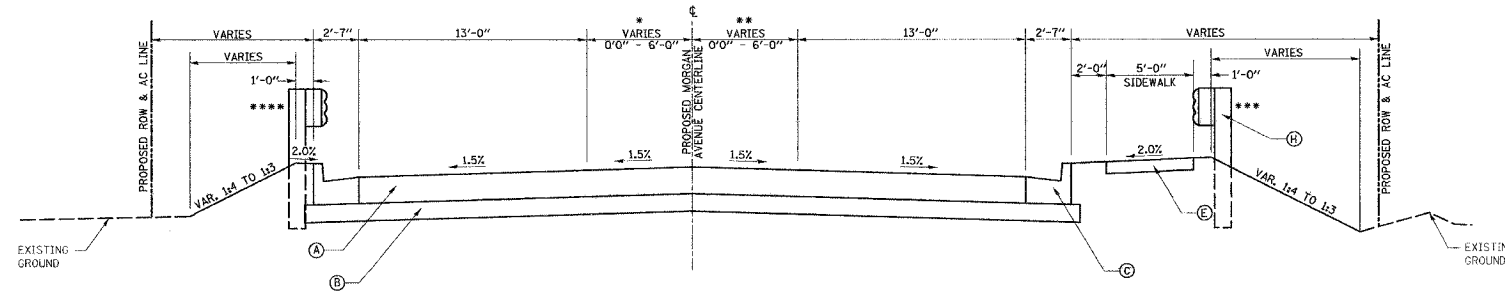
* REMAINDER OF MEDIAN TAPER FROM PREVIOUS SECTION ENDS AT BK OF ABUTMENT STA. 32+85.21



INSET

* ADDITIONAL 5'-0" CONCRETE FOR WALKWAY, REINFORCING BARS AND BONDED CONSTRUCTION JOINT INCLUDED IN COST OF BRIDGE APPROACH PAVEMENT (SPECIAL)

NOTE: REINFORCEMENT DESIGNATED (E) SHALL BE EPOXY COATED.



MORGAN AVENUE SECTION 5

STA 36+85.54 TO STA 42+07.03 *****
 * 6'-0" WIDTH @ STA 39+67.85
 ** 6'-0" WIDTH @ STA 39+30.08
 *** GUARDRAIL ENDS AT STA. 39+03.43 LT. AND STA. 39+17.46 RT.
 ***** STA. 36+85.54 TO STA. 37+85.54 BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) SEE STANDARD 420401

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

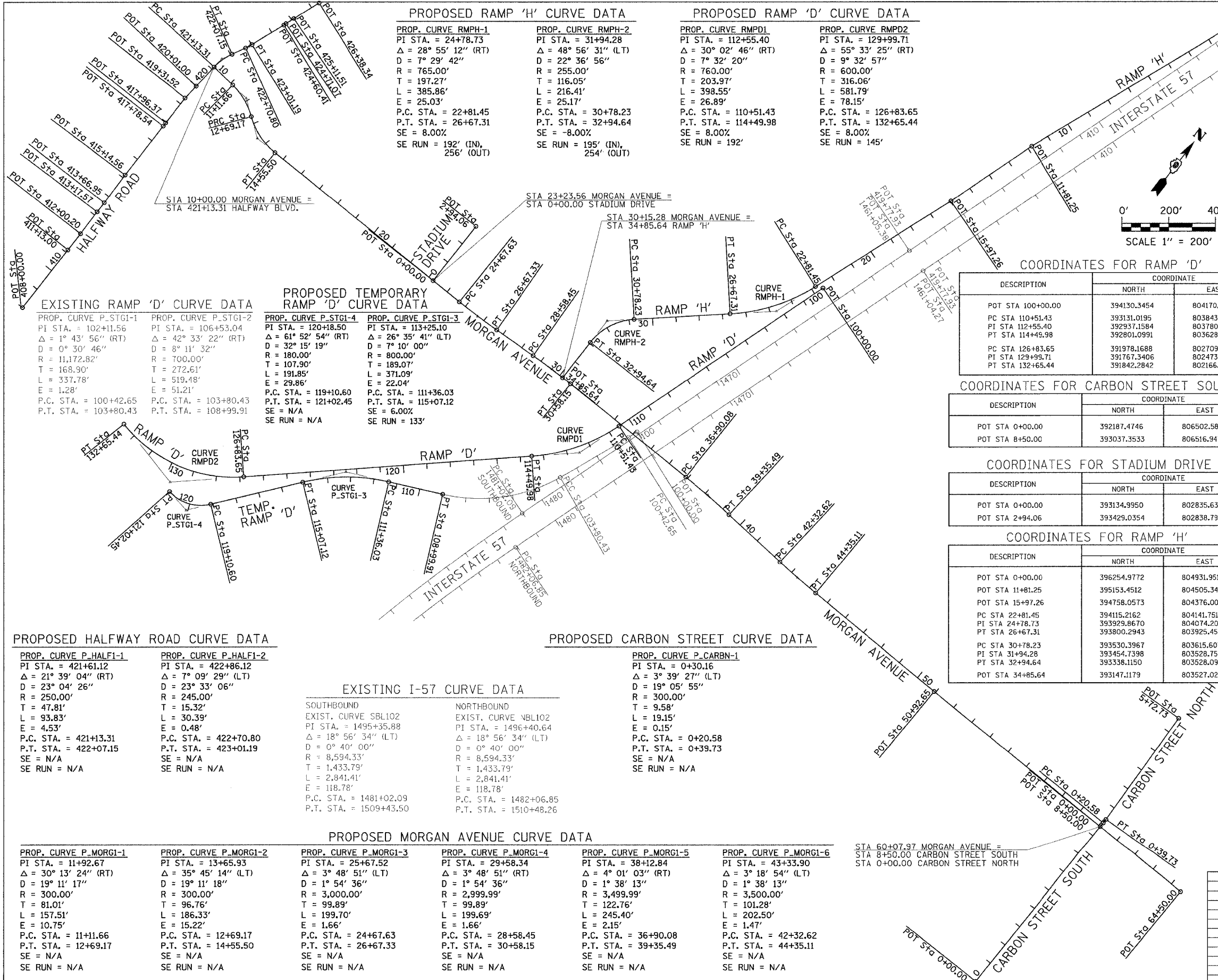
TYPICAL SECTIONS - MORGAN AVENUE

MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY

SCALE: NONE
 DATE: 3-19-2007

DRAWN BY: DEH
 CHECKED BY: RD

F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57 0X1-6-2H8K	WILLIAMSON	272	21
STA.	TO STA.		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT			



PROPOSED RAMP 'H' CURVE DATA

PROP. CURVE RMPH-1	PROP. CURVE RMPH-2
PI STA. = 24+78.73	PI STA. = 31+94.28
$\Delta = 28^\circ 55' 12''$ (RT)	$\Delta = 48^\circ 56' 31''$ (LT)
D = 28' 29' 42"	D = 22' 36' 56"
R = 765.00'	R = 255.00'
T = 197.27'	T = 116.05'
L = 385.86'	L = 216.41'
E = 25.03'	E = 25.17'
P.C. STA. = 22+81.45	P.C. STA. = 30+78.23
P.T. STA. = 26+67.31	P.T. STA. = 32+94.64
SE = 8.00%	SE = -8.00%
SE RUN = 192' (IN), 256' (OUT)	SE RUN = 195' (IN), 254' (OUT)

PROPOSED RAMP 'D' CURVE DATA

PROP. CURVE RMPD1	PROP. CURVE RMPD2
PI STA. = 112+55.40	PI STA. = 129+99.71
$\Delta = 30^\circ 02' 46''$ (RT)	$\Delta = 55^\circ 33' 25''$ (RT)
D = 7' 32' 20"	D = 9' 32' 57"
R = 760.00'	R = 600.00'
T = 203.97'	T = 316.06'
L = 385.86'	L = 581.79'
E = 26.89'	E = 78.15'
P.C. STA. = 110+51.43	P.C. STA. = 126+83.65
P.T. STA. = 114+49.98	P.T. STA. = 132+65.44
SE = 8.00%	SE = 8.00%
SE RUN = 192'	SE RUN = 145'

EXISTING RAMP 'D' CURVE DATA

PROP. CURVE P-STG1-1	PROP. CURVE P-STG1-2
PI STA. = 102+11.56	PI STA. = 106+53.04
$\Delta = 1^\circ 43' 56''$ (RT)	$\Delta = 42^\circ 33' 22''$ (RT)
D = 0' 30' 46"	D = 8' 11' 32"
R = 11,172.82'	R = 700.00'
T = 168.90'	T = 272.61'
L = 337.78'	L = 519.48'
E = 1.28'	E = 51.21'
P.C. STA. = 100+42.65	P.C. STA. = 103+80.43
P.T. STA. = 103+80.43	P.T. STA. = 108+99.91

PROPOSED TEMPORARY RAMP 'D' CURVE DATA

PROP. CURVE P-STG1-4	PROP. CURVE P-STG1-3
PI STA. = 120+18.50	PI STA. = 113+25.10
$\Delta = 61^\circ 52' 54''$ (RT)	$\Delta = 26^\circ 35' 41''$ (LT)
D = 32' 15' 19"	D = 7' 10' 00"
R = 180.00'	R = 800.00'
T = 107.90'	T = 189.07'
L = 191.85'	L = 371.09'
E = 29.86'	E = 22.04'
P.C. STA. = 119+10.60	P.C. STA. = 111+36.03
P.T. STA. = 121+02.45	P.T. STA. = 115+07.12
SE = N/A	SE = 6.00%
SE RUN = N/A	SE RUN = 133'

PROPOSED HALFWAY ROAD CURVE DATA

PROP. CURVE P-HALF1-1	PROP. CURVE P-HALF1-2
PI STA. = 421+61.12	PI STA. = 422+86.12
$\Delta = 21^\circ 39' 04''$ (RT)	$\Delta = 7^\circ 09' 29''$ (LT)
D = 23' 04' 26"	D = 23' 33' 06"
R = 250.00'	R = 245.00'
T = 47.81'	T = 15.32'
L = 93.83'	L = 30.39'
E = 4.53'	E = 0.48'
P.C. STA. = 421+13.31	P.C. STA. = 422+70.80
P.T. STA. = 422+07.15	P.T. STA. = 423+01.19
SE = N/A	SE = N/A
SE RUN = N/A	SE RUN = N/A

EXISTING I-57 CURVE DATA

SOUTHBOUND	NORTHBOUND
EXIST. CURVE SBL102	EXIST. CURVE NBL102
PI STA. = 1495+35.88	PI STA. = 1496+40.64
$\Delta = 18^\circ 56' 34''$ (LT)	$\Delta = 18^\circ 56' 34''$ (LT)
D = 0' 40' 00"	D = 0' 40' 00"
R = 8,594.33'	R = 8,594.33'
T = 1,433.79'	T = 1,433.79'
L = 2,841.41'	L = 2,841.41'
E = 118.78'	E = 118.78'
P.C. STA. = 1481+02.09	P.C. STA. = 1482+06.85
P.T. STA. = 1509+43.50	P.T. STA. = 1510+48.26

PROPOSED CARBON STREET CURVE DATA

PROP. CURVE P-CARB-1
PI STA. = 0+30.16
$\Delta = 3^\circ 39' 27''$ (LT)
D = 19' 05' 55"
R = 300.00'
T = 9.58'
L = 19.15'
E = 0.15'
P.C. STA. = 0+20.58
P.T. STA. = 0+39.73
SE = N/A
SE RUN = N/A

PROPOSED MORGAN AVENUE CURVE DATA

PROP. CURVE P-MORG1-1	PROP. CURVE P-MORG1-2	PROP. CURVE P-MORG1-3	PROP. CURVE P-MORG1-4	PROP. CURVE P-MORG1-5	PROP. CURVE P-MORG1-6
PI STA. = 11+92.67	PI STA. = 13+65.93	PI STA. = 25+67.52	PI STA. = 29+58.34	PI STA. = 38+12.84	PI STA. = 43+33.90
$\Delta = 30^\circ 13' 24''$ (RT)	$\Delta = 35^\circ 45' 14''$ (LT)	$\Delta = 3^\circ 48' 51''$ (LT)	$\Delta = 3^\circ 48' 51''$ (RT)	$\Delta = 4^\circ 01' 03''$ (RT)	$\Delta = 3^\circ 18' 54''$ (LT)
D = 19' 11' 17"	D = 19' 11' 18"	D = 1' 54' 36"	D = 1' 54' 36"	D = 1' 38' 13"	D = 1' 38' 13"
R = 300.00'	R = 300.00'	R = 3,000.00'	R = 2,999.99'	R = 3,499.99'	R = 3,500.00'
T = 81.01'	T = 99.89'	T = 99.89'	T = 122.76'	T = 101.28'	T = 101.28'
L = 157.51'	L = 186.33'	L = 199.70'	L = 245.40'	L = 202.50'	L = 202.50'
E = 10.75'	E = 15.22'	E = 1.66'	E = 2.15'	E = 1.47'	E = 1.47'
P.C. STA. = 11+11.66	P.C. STA. = 12+69.17	P.C. STA. = 24+67.63	P.C. STA. = 28+58.45	P.C. STA. = 36+90.08	P.C. STA. = 42+32.62
P.T. STA. = 12+69.17	P.T. STA. = 14+55.50	P.T. STA. = 26+67.33	P.T. STA. = 30+58.15	P.T. STA. = 39+35.49	P.T. STA. = 44+35.11
SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A
SE RUN = N/A	SE RUN = N/A	SE RUN = N/A	SE RUN = N/A	SE RUN = N/A	SE RUN = N/A

COORDINATES FOR HALFWAY ROAD

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 408+00.00	391970.8896	801519.7502
POT STA 411+13.00	392283.8787	801522.2697
POT STA 412+00.20	392371.0768	801522.5730
POT STA 413+17.57	392488.4371	801521.1799
POT STA 413+66.95	392537.8164	801521.3180
POT STA 415+14.56	392685.4249	801519.5548
POT STA 417+78.54	392949.3991	801520.1701
POT STA 417+96.37	392967.2303	801520.3137
POT STA 419+31.52	393102.3747	801521.4020
POT STA 420+01.00	393171.5193	801528.1774
PC STA 421+13.31	393283.4510	801537.4627
PI STA 421+61.12	393330.9692	801542.6969
PT STA 422+07.15	393373.2036	801565.0939
PC STA 422+70.80	393429.4379	801594.9150
PI STA 422+86.12	393442.9760	801602.0943
PT STA 423+01.19	393457.3031	801607.5306
POT STA 424+60.41	393606.1676	801664.0168
POT STA 424+71.07	393616.2675	801667.4053
POT STA 425+11.51	393654.6678	801680.0885
POT STA 426+38.34	393773.6008	801724.1573

COORDINATES FOR CARBON STREET NORTH

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 0+00.00	393037.3533	806516.9471
PC STA 0+20.58	393057.9236	806517.4638
PI STA 0+30.16	393067.4993	806517.7043
PT STA 0+39.73	393077.0709	806517.3335
POT STA 5+72.73	393609.6734	806496.7000

COORDINATES FOR CARBON STREET SOUTH

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 0+00.00	392187.4746	806502.5862
POT STA 8+50.00	393037.3533	806516.9471

COORDINATES FOR STADIUM DRIVE

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 0+00.00	393134.9950	802835.6317
POT STA 2+94.06	393429.0354	802838.7929

COORDINATES FOR RAMP 'H'

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 0+00.00	396254.9772	804931.9519
POT STA 11+81.25	395153.4512	804505.3455
POT STA 15+97.26	394758.0573	804376.0077
PC STA 22+81.45	394115.2162	804141.7513
PI STA 24+78.73	393929.8670	804074.2085
PT STA 26+67.31	393800.2943	803925.4562
PC STA 30+78.23	393530.3967	803615.6077
PI STA 31+94.28	393454.7398	803528.7519
PT STA 32+94.64	393338.1150	803528.0972
POT STA 34+85.64	393147.1179	803527.0250

COORDINATES FOR MORGAN AVENUE

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 10+00.00	393283.4517	801537.4571
PC STA 11+11.66	393270.4826	801648.3633
PI STA 11+92.67	393261.0734	801728.8269
PRC STA 12+69.17	393212.4400	801793.6166
PI STA 13+65.93	393154.3512	801871.0029
PT STA 14+55.50	393152.4272	801967.7461
PC STA 24+67.63	393132.3015	802979.6734
PI STA 25+67.52	393130.3151	803079.5471
PT STA 26+67.33	393134.9770	803179.3318
PC STA 28+58.45	393143.8962	803370.2424
PI STA 29+58.34	393148.5578	803470.0226
PT STA 30+58.15	393146.5719	803569.8917
PC STA 36+90.08	393134.0079	804201.7031
PI STA 38+12.84	393131.5673	804324.4354
PT STA 39+35.49	393120.5340	804446.6952
PC STA 42+32.62	393093.8284	804843.4905
PI STA 43+33.90	393084.7253	804843.4905
PT STA 44+35.11	393081.4705	804944.7189
POT STA 11+57.20	393060.3394	805601.9113
POT STA 15+97.30	393026.2527	806958.8405

COORDINATES FOR TEMP. RAMP 'D'

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 100+00.00	393158.4510	803919.9280
PC STA 100+42.65	393118.4190	803905.2110
PI STA 102+11.56	392960.7174	803844.7243
PT STA 103+80.43	392804.9162	803779.4982
PC STA 103+80.43	392804.9162	803779.4982
PI STA 106+53.04	392553.4542	803674.2238
PT STA 108+99.91	392439.4214	803426.6104
PC STA 111+36.03	392340.6537	803212.1437
PI STA 113+25.10	392261.5642	803040.4068
PT STA 115+07.12	392113.9600	803922.2470
PC STA 119+10.60	391798.9706	802670.0925
PI STA 120+18.50	391714.7345	802602.6600
PT STA 121+02.45	391734.5083	802496.5853

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT PLAN

MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

SCALE: 1" = 200'
DATE: 3-19-2007

DRAWN BY: DH
CHECKED BY: RD

PLOT DATE = 3/20/2007
FILE NAME = P:\98994\98994.dgn
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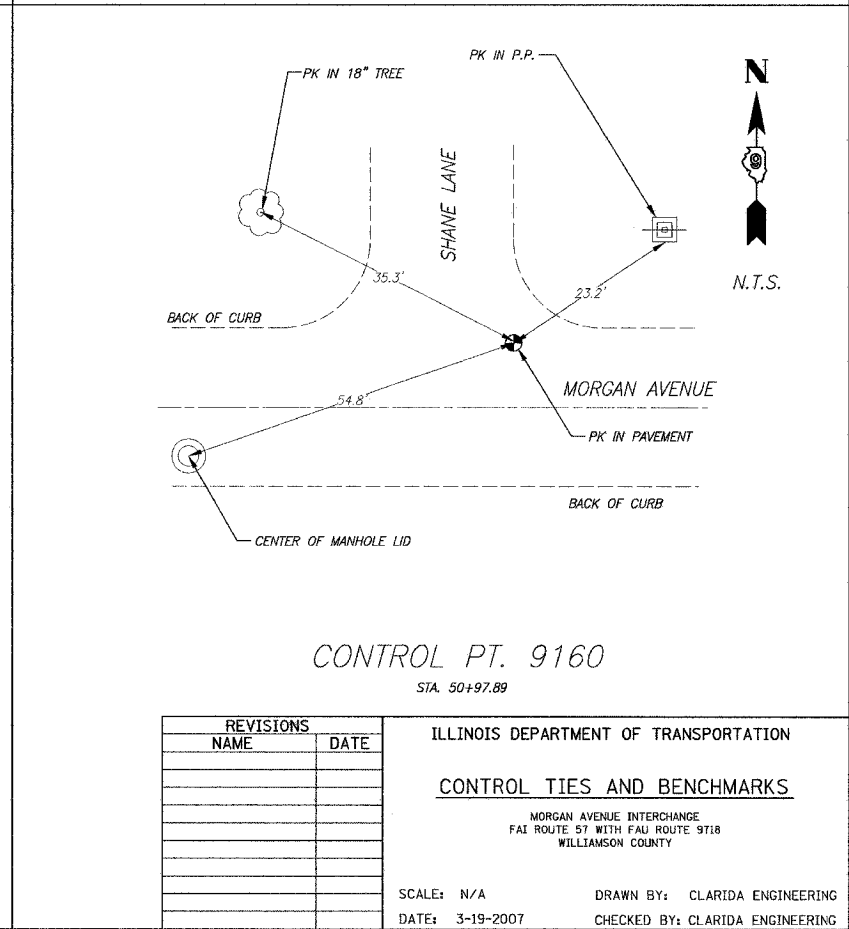
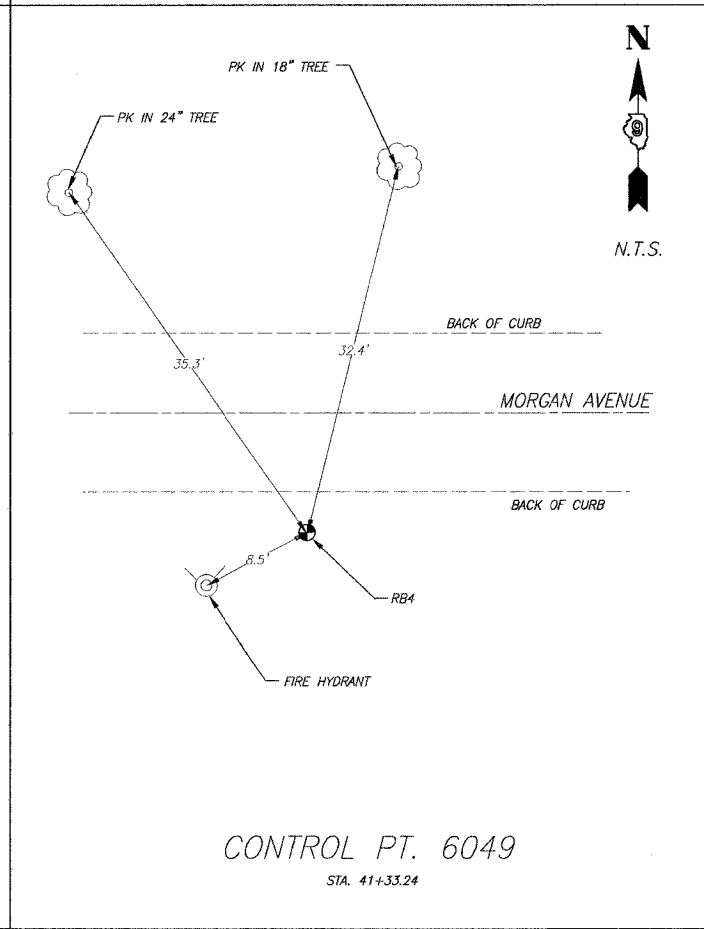
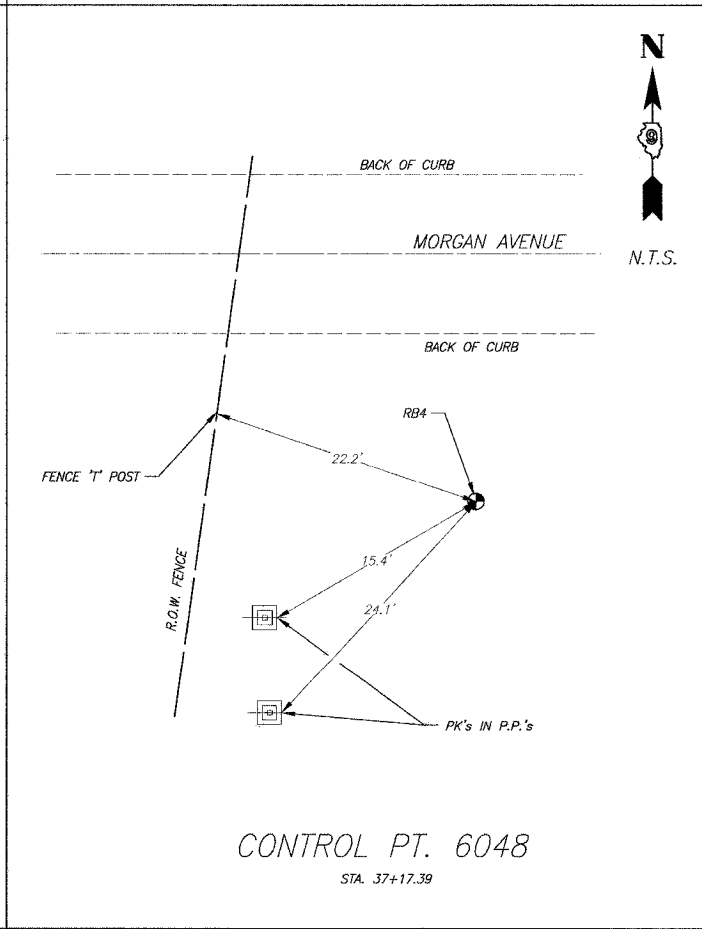
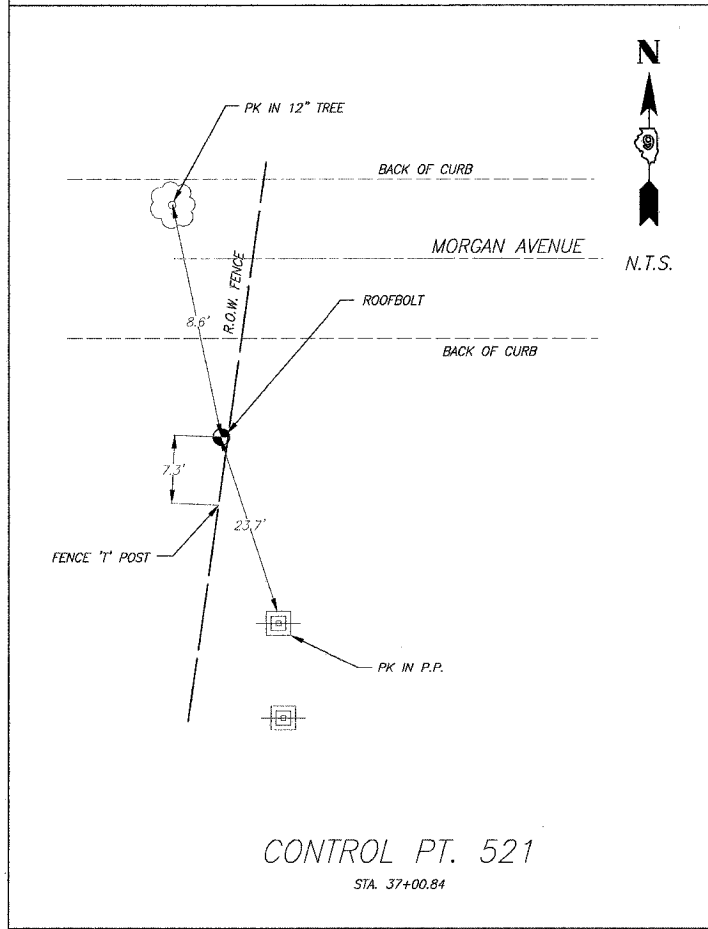
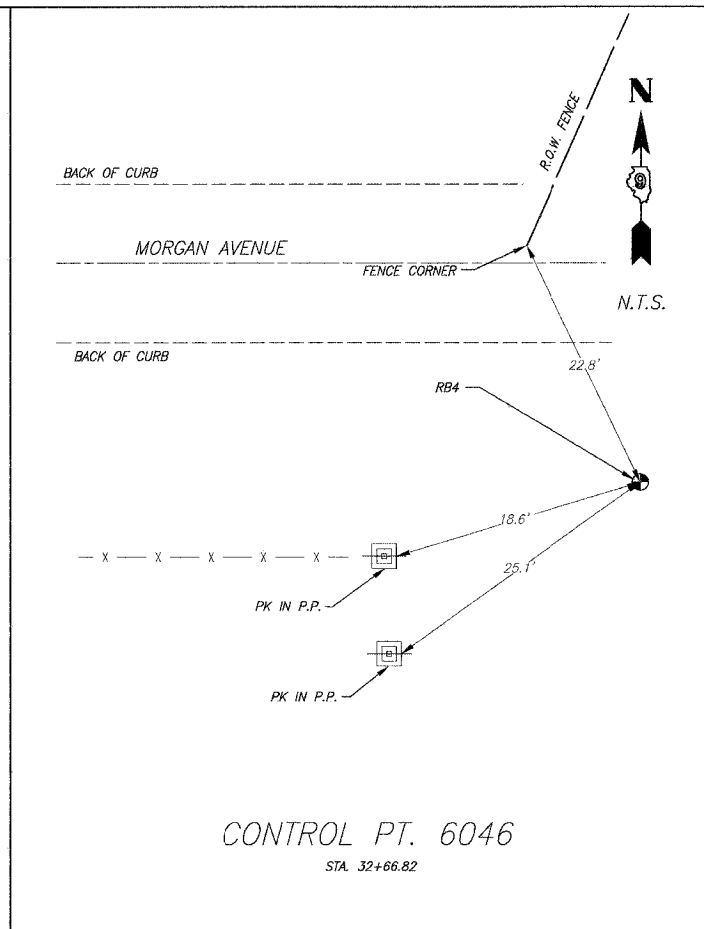
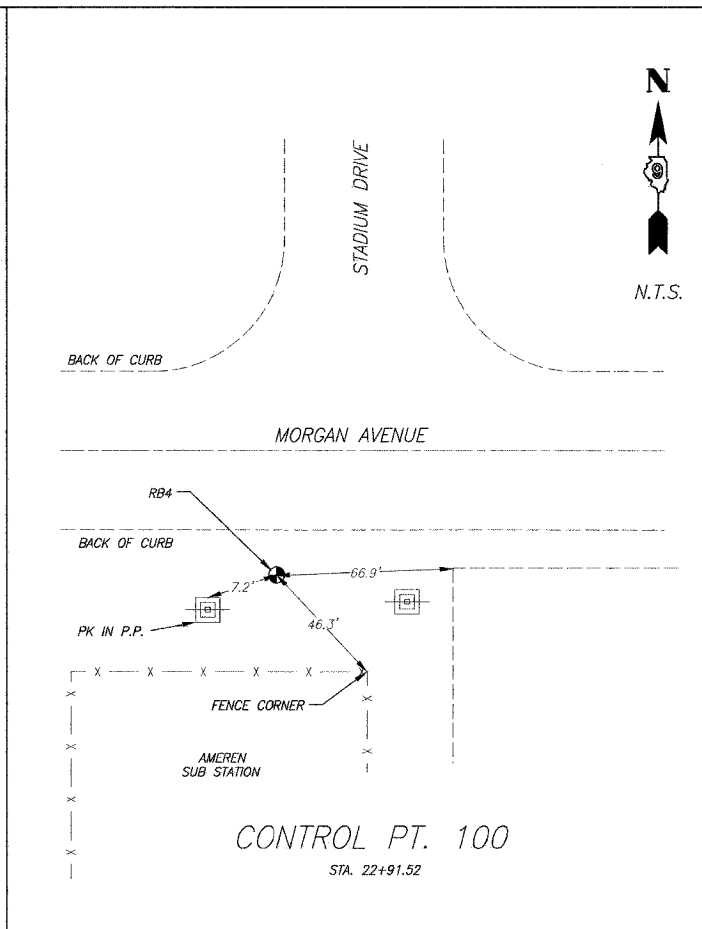
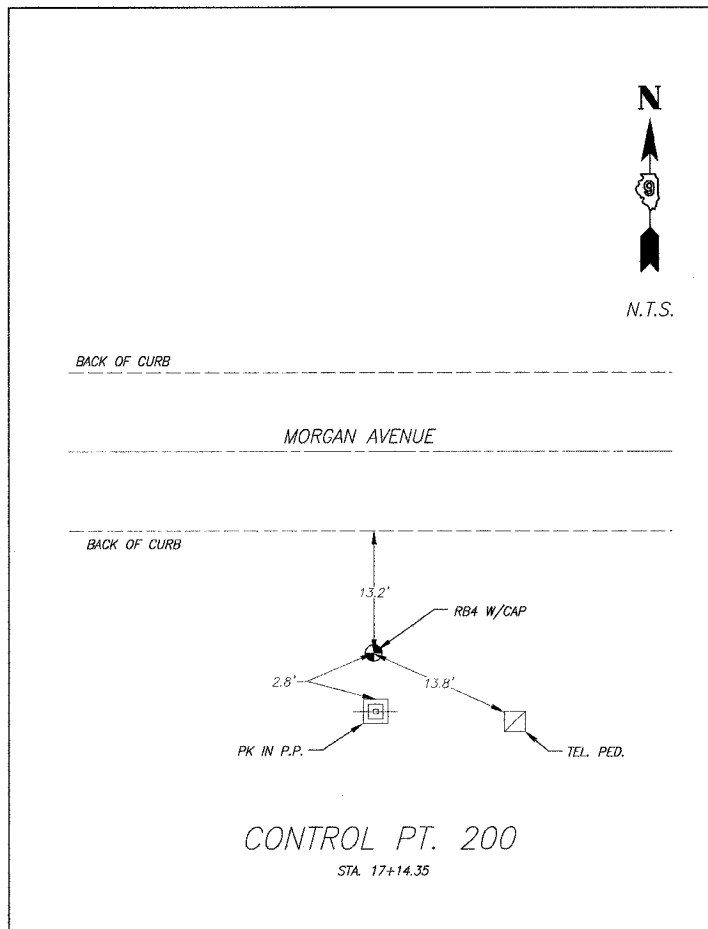
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	IX1-6-2HKBK	WILLIAMSON	272	22
STA. TO STA.		FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT		

CONTROL POINTS
MORGAN AVENUE AND F.A.I. RTE. 57 PROJECT

HORIZONTAL: GPS 1983 (1997 ADJUSTMENT), ILL EAST ZONE
VERTICLE: NAVD 88

POINT	NORTHING	EASTING	ELEVATION	TYPE	STATION	OFFSET
CONTROL POINTS ALONG MORGAN AVE & WEST OF F.A.I. 57						
6040	393,378.244	802,034.966	474.93	RB4	15+18.22	-227.1'
200	393,114.096	802,225.882	469.99	RB4	17+14.35	33.19'
100	393,106.267	802,803.015	470.62	RB4	22+91.52	29.57'
6046	393,089.306	803,777.462	485.29	RB4	32+66.82	53.13'
CONTROL POINTS ALONG MORGAN AVE & EAST OF F.A.I. 57						
521	393,097.842	804,211.832	xxxx	R-BOLT	37+00.84	36.14'
6048	393,077.657	804,227.459	475.07	RB4	37+17.39	55.72'
6049	393,067.969	804,640.509	468.02	RB4	41+33.24	34.93'
9160	393,062.355	805,607.218	470.10	PK	50+97.89	-2.15'
CONTROL POINTS ALONG C/L OF F.A.I. 57 MEDIAN						
9731	395,504.325	804,767.767	497.51	RB5	408+83.56	-2.24'
MA103	394,413.399	804,398.725	478.72	RB5	1461+58.94	-0.15'
MA1472	393,419.256	804,073.210	470.94	RB5	1472+04.98	0.15'
MA102	392,516.799	803,778.245	468.67	RB5	1481+54.41	-0.06'

NO TIES TO CONTROL POINTS IN THE MEDIAN
OF F.A.I. ROUTE 57



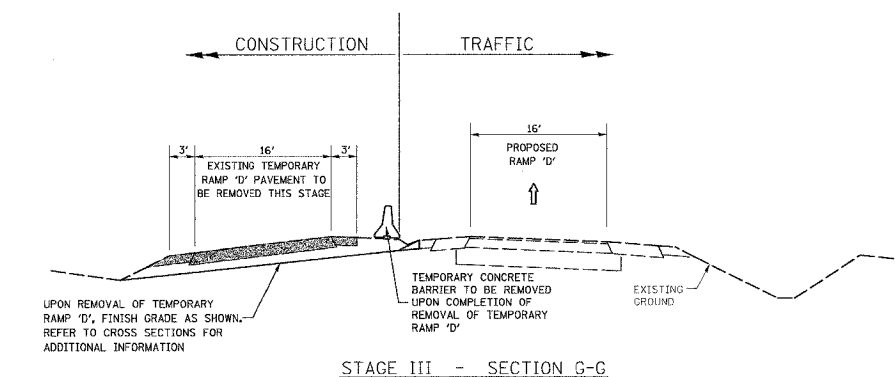
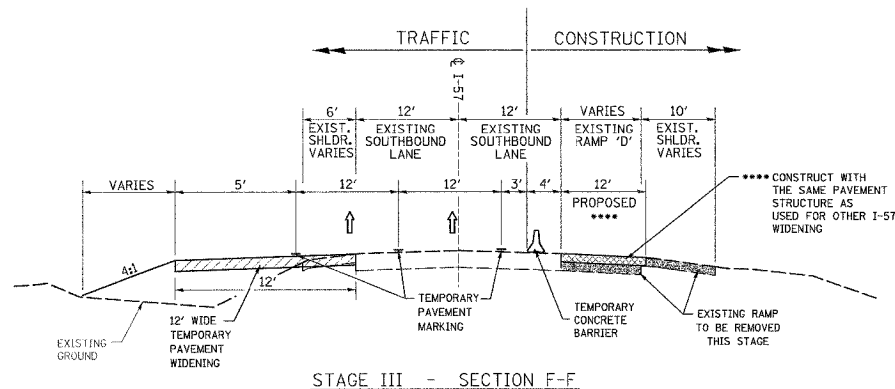
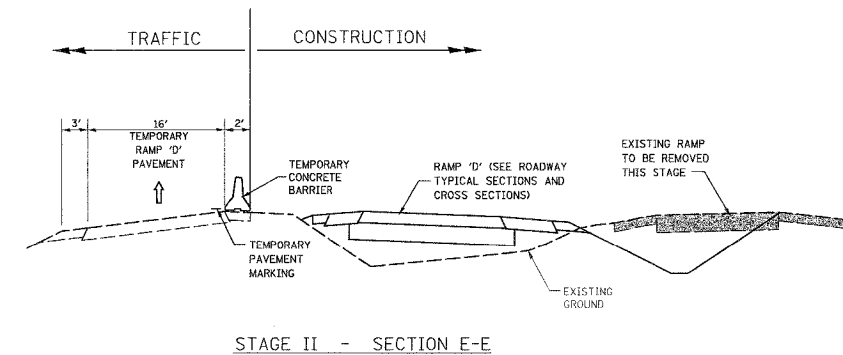
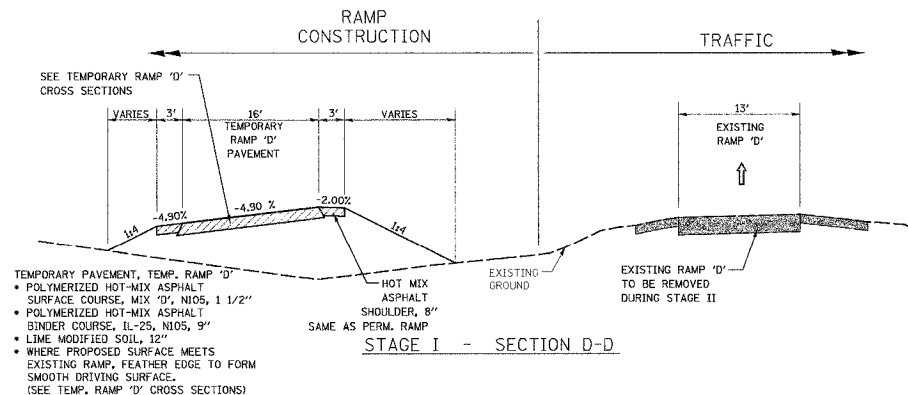
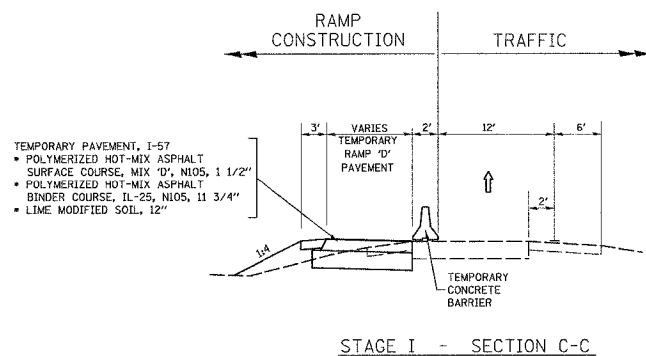
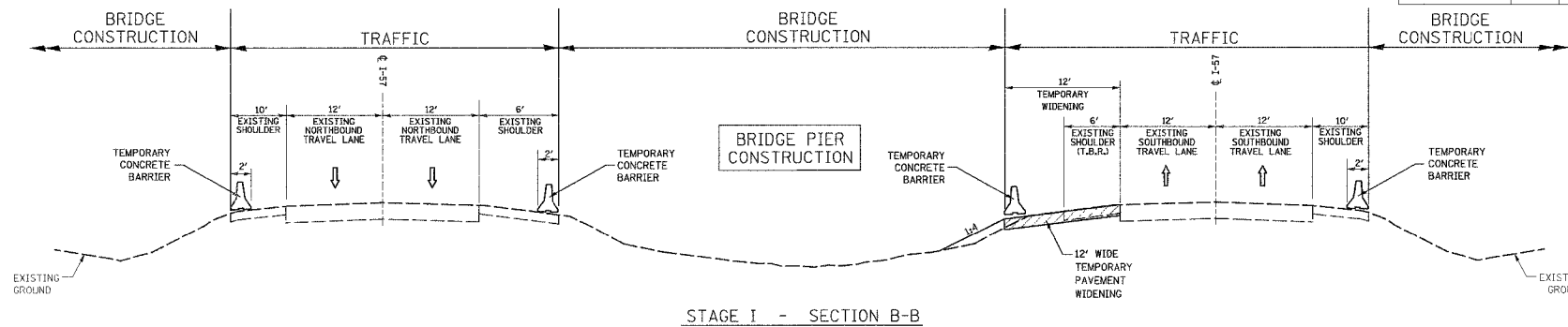
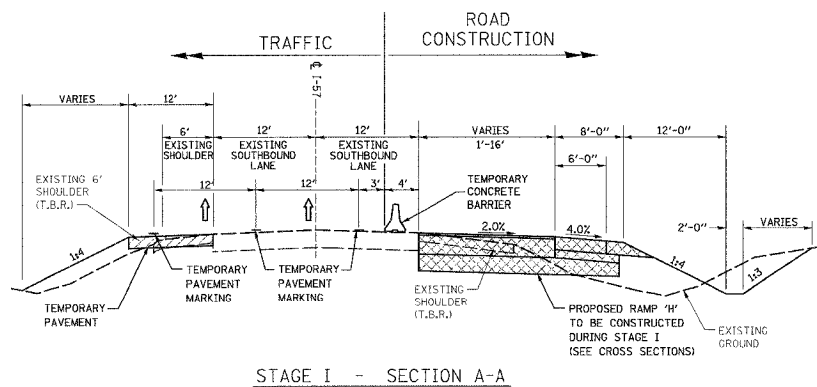
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CONTROL TIES AND BENCHMARKS
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAI ROUTE 9718
WILLIAMSON COUNTY

SCALE: N/A DRAWN BY: CLARIDA ENGINEERING
DATE: 3-19-2007 CHECKED BY: CLARIDA ENGINEERING

PLOT DATE = 3/19/2007
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	23
STA.		TO STA.		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



SUGGESTED SEQUENCE OF CONSTRUCTION:

PRE-STAGE I

PRIOR TO BEGINNING BRIDGE CONSTRUCTION, CONSTRUCT TEMPORARY PAVEMENT FOR THE TEMPORARY CONCRETE BARRIER AT PROPOSED MORGAN AVENUE BRIDGE. PLACE TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS ON I-57 PER PLANS. UTILIZE HIGHWAY STANDARD 701101. SEE GENERAL NOTE 1 IF LANE CLOSURES ARE REQUIRED.

STAGE I

- EXISTING I-57 TRAFFIC WILL CONTINUE TO UTILIZE EXISTING RAMP TO IL. 13.
- CLOSE MORGAN AVENUE TO LOCAL TRAFFIC PER PLANS. UTILIZE HIGHWAY STANDARD BLR 21.
- CONSTRUCT TEMPORARY PAVEMENT FOR I-57 LANE SHIFT AT RAMP "H" CONSTRUCTION. PLACE TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS PER PLANS. UTILIZE HIGHWAY STANDARD 701400 AND 701401 ON I-57.
- CONSTRUCT RAMP "H" FROM I-57 TO MORGAN AVENUE INTERSECTION AND RAMP "D" FROM I-57 TO STATION 120+00.
- CONSTRUCT TEMPORARY RAMP "D" FROM INTERSECTION WITH EXISTING RAMP TO INTERSECTION WITH IL. 13. UTILIZE HIGHWAY STANDARD 701101 TO CONSTRUCT PAVEMENT ADJACENT TO IL. 13.
- INSTALL TEMPORARY TRAFFIC SIGNALS AT IL. 13 UTILIZING HIGHWAY STANDARD 701101.

STAGE II

- RE-ROUTE EXISTING RAMP TRAFFIC TO TEMPORARY RAMP "D".
- CONSTRUCT REMAINDER OF RAMP "D". (STATION 120+00 TO IL. ROUTE 13 INTERSECTION) UTILIZE HIGHWAY STANDARD 701101 ON IL. ROUTE 13 AND STANDARD 701421 TO CLOSE ONE LANE WHILE PAVEMENT IS CONSTRUCTED BETWEEN IL. 13 AND RAMP D.
- REMOVE EXISTING RAMP WHERE NOTED IN THE PLANS, INCLUDING THE TEMPORARY TRAFFIC SIGNALS. UTILIZE HIGHWAY STANDARD 701101 ON IL. ROUTE 13.

STAGE III

- RE-ROUTE RAMP TRAFFIC TO COMPLETED RAMP "D". RAMP "H" REMAINS CLOSED TO TRAFFIC UNTIL MORGAN AVENUE WORK IS COMPLETED.
- UTILIZING HIGHWAY STANDARD 701101 ON I-57, CONSTRUCT TEMPORARY PAVEMENT FOR I-57 LANE SHIFT NEAR EXISTING RAMP REMOVAL. PLACE TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS PER PLANS. REMOVE REMAINDER OF RAMP.
- UPON COMPLETION OF ALL WORK, REMOVE TEMPORARY PAVEMENT MARKINGS UTILIZING WORK ZONE PAVEMENT MARKING REMOVAL PAY ITEM. REMOVE BARRIERS AND BARRICADES.

STAGE CONSTRUCTION GENERAL NOTES:

- TWO LANES OF TRAFFIC EACH DIRECTION SHALL BE MAINTAINED ON I-57 BETWEEN THE HOURS OF 7AM TO 7PM. I-57 LANE CLOSURES SHALL BE KEPT TO AN ABSOLUTE MINIMUM AND SHALL BE IMPLEMENTED IN ACCORDANCE WITH TRAFFIC CONTROL STANDARD 701401 AND SHALL OCCUR ONLY BETWEEN THE HOURS OF 7:00PM TO 7:00AM. MESSAGE BOARDS, ROAD CONSTRUCTION AHEAD, AND SPEED ZONE SIGNING AS DEPICTED IN STAGE I TRAFFIC CONTROL, TO REMAIN THROUGHOUT DURATION OF PROJECT.
- RAMP TRAFFIC FROM SB I-57 TO IL ROUTE 13 SHALL REMAIN OPEN THROUGHOUT THE DURATION OF THE PROJECT.
- MORGAN AVENUE SHALL BE CLOSED TO TRAFFIC THROUGHOUT THE DURATION OF THE PROJECT. UTILIZE HIGHWAY STANDARD BLR 22 TO CLOSE THE ROAD TO THROUGH TRAFFIC AT EACH END OF THE MORGAN AVENUE WORK. (NOTE THAT THE MORGAN AVENUE BRIDGE CONSTRUCTION AND MORGAN AVENUE ROAD RECONSTRUCTION WILL PROCEED THROUGHOUT THE DURATION OF THE VARIOUS RAMP STAGES OF CONSTRUCTION.)
- CONTRACTOR SHALL PROVIDE CONTINUOUS ACCESS TO ALL BUSINESSES AND PRIVATE ENTRANCES ALONG MORGAN AVENUE THROUGHOUT THE DURATION OF THE PROJECT.
- THE CONTRACTOR SHALL REMOVE DURING ANY SINGLE LANE CLOSURE EVENT ONLY AS MUCH OF THE EXISTING I-57 SHOULDERS THAT CAN BE REPLACED WITH TEMPORARY PAVEMENT IN THAT SAME LANE CLOSURE EVENT. THERE SHALL BE NO OPEN EXCAVATIONS IMMEDIATELY ADJACENT TO AND ABUTTING THE I-57 TRAVEL LANES UNLESS SUCH IS CONDUCTED DURING A LANE CLOSURE PERIOD OR COMPLETED BEHIND TEMPORARY CONCRETE BARRIER.

STAGE CONSTRUCTION LEGEND

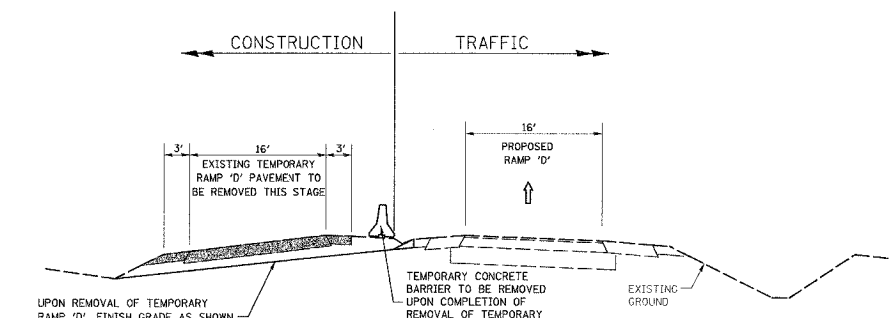
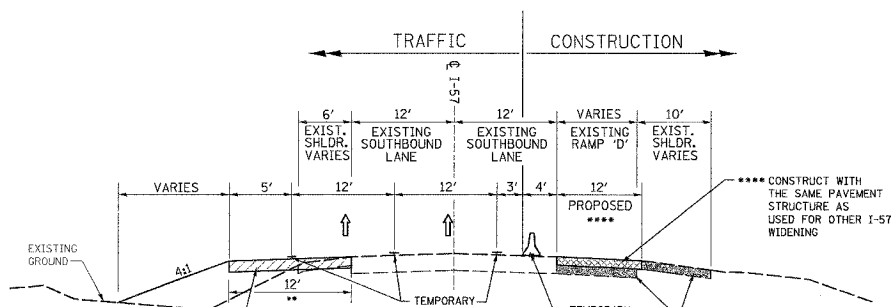
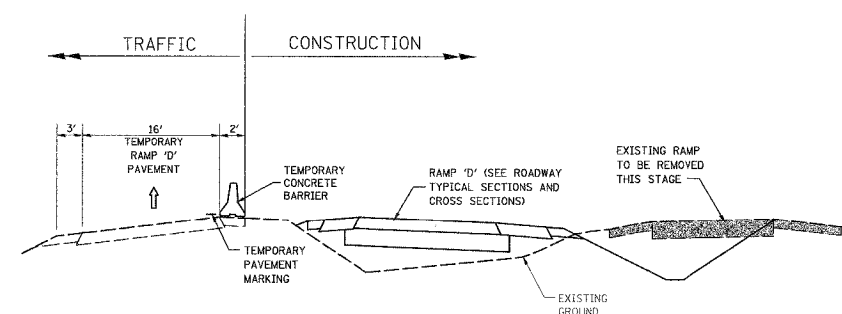
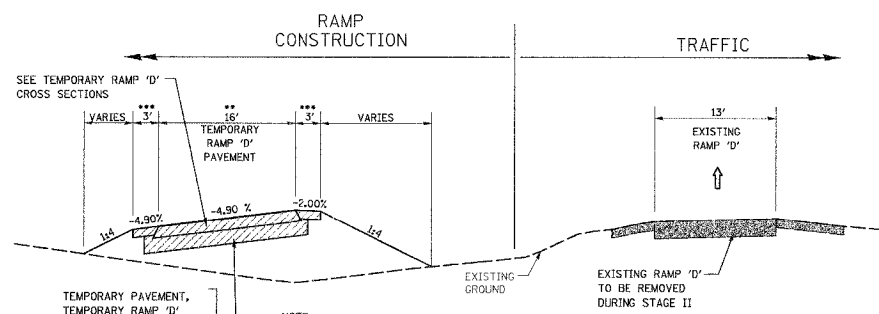
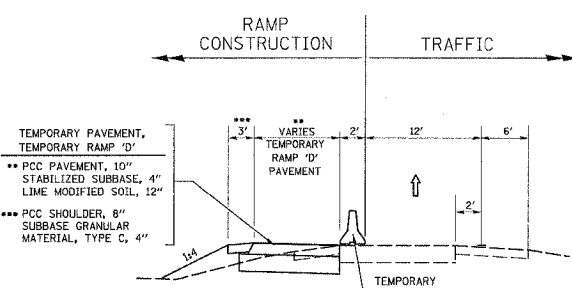
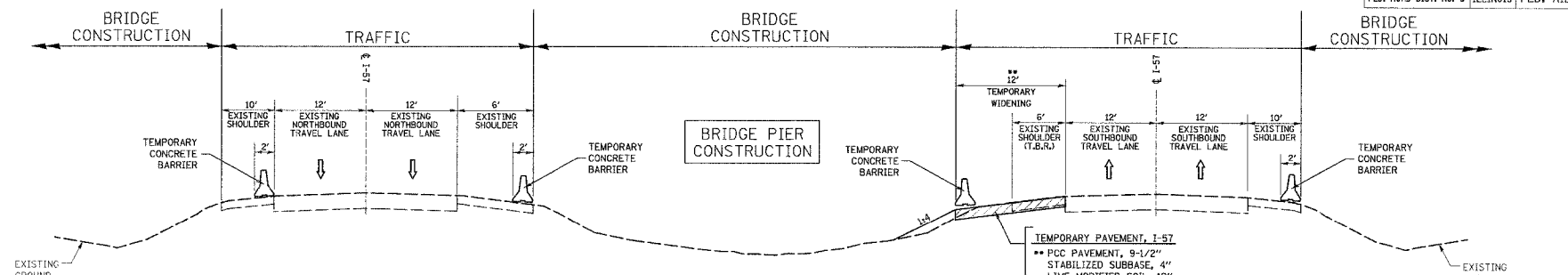
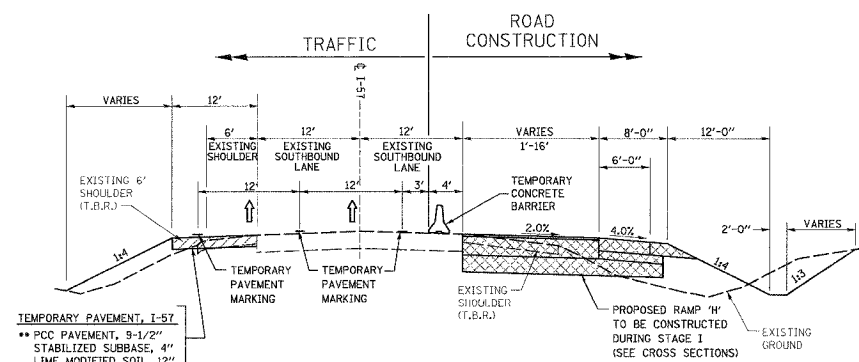
- TEMPORARY PAVEMENT TO BE CONSTRUCTED IN THIS STAGE
- PROPOSED PERMANENT PAVEMENT CONSTRUCTED IN THIS STAGE
- REMOVAL OF EXISTING PAVEMENT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE CONSTRUCTION TYPICAL SECTIONS AND SEQUENCE OF CONSTRUCTION
 SHEET 1 OF 9
 MORGAN AVENUE INTERCHANGE
 FAP ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY
 SCALE: NONE
 DATE 4-26-2007
 DRAWN BY: DH
 CHECKED BY: RD

PLOT DATE = 4/26/2007
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HBK	WILLIAMSON	272	23A
STA.		TO STA.		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



SUGGESTED SEQUENCE OF CONSTRUCTION:

PRE-STAGE I

PRIOR TO BEGINNING BRIDGE CONSTRUCTION, CONSTRUCT TEMPORARY PAVEMENT FOR THE TEMPORARY CONCRETE BARRIER AT PROPOSED MORGAN AVENUE BRIDGE. PLACE TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS ON I-57 PER PLANS. UTILIZE HIGHWAY STANDARD 701101. SEE GENERAL NOTE 1 IF LANE CLOSURES ARE REQUIRED.

STAGE I

- EXISTING I-57 TRAFFIC WILL CONTINUE TO UTILIZE EXISTING RAMP TO IL. 13.
- CLOSE MORGAN AVENUE TO LOCAL TRAFFIC PER PLANS. UTILIZE HIGHWAY STANDARD BLR 21.
- CONSTRUCT TEMPORARY PAVEMENT FOR I-57 LANE SHIFT AT RAMP "H" CONSTRUCTION. PLACE TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS PER PLANS. UTILIZE HIGHWAY STANDARD 701400 AND 701401 ON I-57.
- CONSTRUCT RAMP "H" FROM I-57 TO MORGAN AVENUE INTERSECTION AND RAMP "D" FROM I-57 TO STATION 120+00.
- CONSTRUCT TEMPORARY RAMP "D" FROM INTERSECTION WITH EXISTING RAMP TO INTERSECTION WITH IL. 13. UTILIZE HIGHWAY STANDARD 701101 TO CONSTRUCT PAVEMENT ADJACENT TO IL. 13.
- INSTALL TEMPORARY TRAFFIC SIGNALS AT IL. 13 UTILIZING HIGHWAY STANDARD 701101.

STAGE II

- RE-ROUTE EXISTING RAMP TRAFFIC TO TEMPORARY RAMP "D".
- CONSTRUCT REMAINDER OF RAMP "D". (STATION 120+00 TO IL. ROUTE 13 INTERSECTION) UTILIZE HIGHWAY STANDARD 701101 ON IL. ROUTE 13 AND STANDARD 701421 TO CLOSE ONE LANE WHILE PAVEMENT IS CONSTRUCTED BETWEEN IL 13 AND RAMP D.
- REMOVE EXISTING RAMP WHERE NOTED IN THE PLANS, INCLUDING THE TEMPORARY TRAFFIC SIGNALS. UTILIZE HIGHWAY STANDARD 701101 ON IL. ROUTE 13.

STAGE III

- RE-ROUTE RAMP TRAFFIC TO COMPLETED RAMP "D". RAMP "H" REMAINS CLOSED TO TRAFFIC UNTIL MORGAN AVENUE WORK IS COMPLETED.
- UTILIZING HIGHWAY STANDARD 701101 ON I-57, CONSTRUCT TEMPORARY PAVEMENT FOR I-57 LANE SHIFT NEAR EXISTING RAMP REMOVAL. PLACE TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS PER PLANS. REMOVE REMAINDER OF RAMP.
- UPON COMPLETION OF ALL WORK, REMOVE TEMPORARY PAVEMENT MARKINGS UTILIZING WORK ZONE PAVEMENT MARKING REMOVAL PAY ITEM. REMOVE BARRIERS AND BARRICADES.

STAGE CONSTRUCTION GENERAL NOTES:

- TWO LANES OF TRAFFIC EACH DIRECTION SHALL BE MAINTAINED ON I-57 BETWEEN THE HOURS OF 7AM TO 7PM. I-57 LANE CLOSURES SHALL BE KEPT TO AN ABSOLUTE MINIMUM AND SHALL BE IMPLEMENTED IN ACCORDANCE WITH TRAFFIC CONTROL STANDARD 701401 AND SHALL OCCUR ONLY BETWEEN THE HOURS OF 7:00PM TO 7:00AM. MESSAGE BOARDS, ROAD CONSTRUCTION AHEAD, AND SPEED ZONE SIGNING AS DEPICTED IN STAGE I TRAFFIC CONTROL, TO REMAIN THROUGHOUT DURATION OF PROJECT.
- RAMP TRAFFIC FROM SB I-57 TO IL ROUTE 13 SHALL REMAIN OPEN THROUGHOUT THE DURATION OF THE PROJECT.
- MORGAN AVENUE SHALL BE CLOSED TO TRAFFIC THROUGHOUT THE DURATION OF THE PROJECT. UTILIZE HIGHWAY STANDARD BLR 22 TO CLOSE THE ROAD TO THROUGH TRAFFIC AT EACH END OF THE MORGAN AVENUE WORK. (NOTE THAT THE MORGAN AVENUE BRIDGE CONSTRUCTION AND MORGAN AVENUE ROAD RECONSTRUCTION WILL PROCEED THROUGHOUT THE DURATION OF THE VARIOUS RAMP STAGES OF CONSTRUCTION.)
- CONTRACTOR SHALL PROVIDE CONTINUOUS ACCESS TO ALL BUSINESSES AND PRIVATE ENTRANCES ALONG MORGAN AVENUE THROUGHOUT THE DURATION OF THE PROJECT.
- THE CONTRACTOR SHALL REMOVE DURING ANY SINGLE LANE CLOSURE EVENT ONLY AS MUCH OF THE EXISTING I-57 SHOULDERS THAT CAN BE REPLACED WITH TEMPORARY PAVEMENT IN THAT SAME LANE CLOSURE EVENT. THERE SHALL BE NO OPEN EXCAVATIONS IMMEDIATELY ADJACENT TO AND ABUTTING THE I-57 TRAVEL LANES UNLESS SUCH IS CONDUCTED DURING A LANE CLOSURE PERIOD OR COMPLETED BEHIND TEMPORARY CONCRETE BARRIER.
- SHOULD THE ALTERNATE BID (OPTION 2 - CONCRETE PAVEMENT) BE AWARDED, THE CONTRACTOR SHALL USE HIGH-EARLY STRENGTH CONCRETE MIXTURE FOR ALL TEMPORARY WIDENING OF I-57. SAID MIXTURE SHALL ACHIEVE THE FULL REQUIRED COMPRESSIVE STRENGTH AS NECESSARY TO PLACE THE TEMPORARY WIDENING BACK INTO SERVICE BY THE END OF THE LANE CLOSURE PERIOD. THIS COST SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR WHICH THE HIGH-EARLY STRENGTH MIX IS BEING PROVIDED.

STAGE CONSTRUCTION LEGEND

- TEMPORARY PAVEMENT TO BE CONSTRUCTED IN THIS STAGE
- PROPOSED PERMANENT PAVEMENT CONSTRUCTED IN THIS STAGE
- REMOVAL OF EXISTING PAVEMENT

REVISIONS	
NAME	DATE

OPTION 2 - CONCRETE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION TYPICAL SECTIONS AND SEQUENCE OF CONSTRUCTION

SHEET 1 OF 9

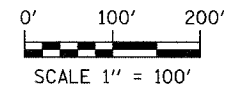
MORGAN AVENUE INTERCHANGE
FAP ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

SCALE: NONE
DATE: 4-26-2007

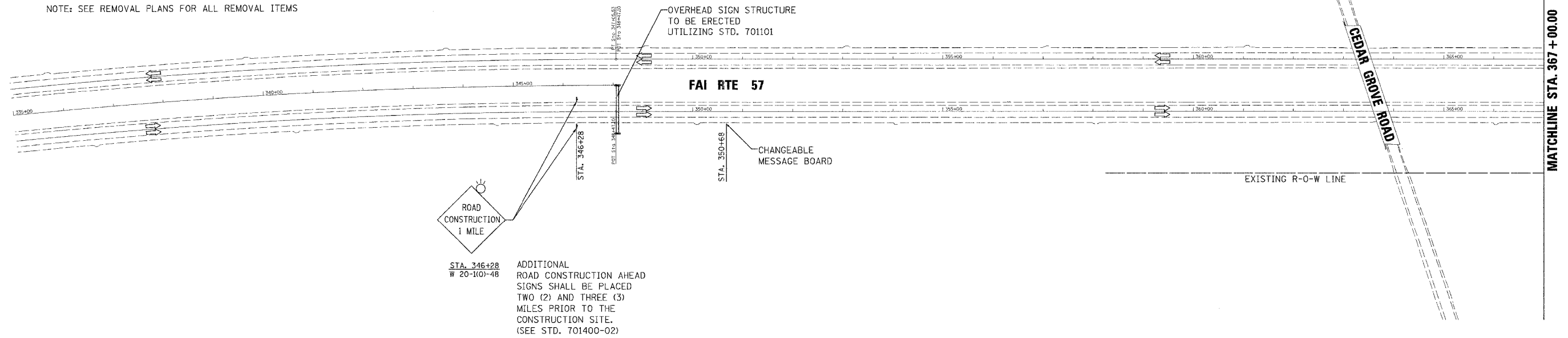
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		

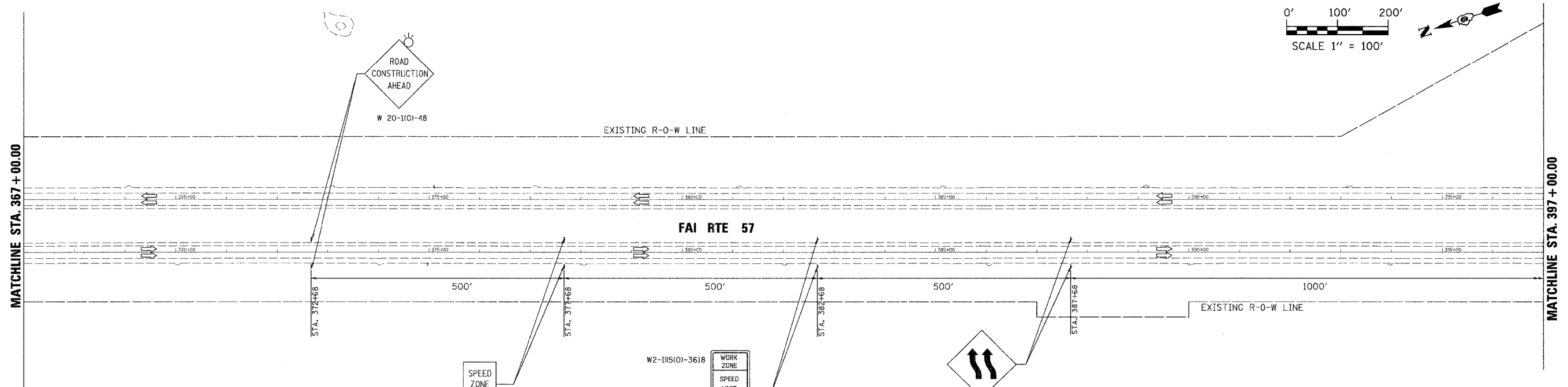
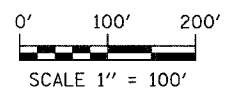


- STAGE CONSTRUCTION LEGEND**
- TEMPORARY PAVEMENT TO BE CONSTRUCTED IN THIS STAGE
 - PROPOSED PERMANENT PAVEMENT CONSTRUCTED IN THIS STAGE
 - IMPACT ATTENUATORS TO BE SET UP IN THIS STAGE
 - PROPOSED TEMPORARY TRAFFIC CONTROL SIGNS
 - PROPOSED TEMPORARY CONCRETE BARRIER
 - DIRECTION OF EXISTING TRAFFIC FLOW
 - DIRECTION OF PROPOSED TRAFFIC FLOW
- NOTE: SEE REMOVAL PLANS FOR ALL REMOVAL ITEMS



STA. 346+28
W 20-1101-48

ADDITIONAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE PLACED TWO (2) AND THREE (3) MILES PRIOR TO THE CONSTRUCTION SITE. (SEE STD. 701400-02)



W2-1115(0)-3618
R2-1-3648
W2-1113(0)-3612
R2-1106-3618

WORK ZONE
SPEED LIMIT
55
BEGINS
XXXX FINE MINIMUM

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STAGE I CONSTRUCTION AND TRAFFIC CONTROL
SHEET 2 OF 9

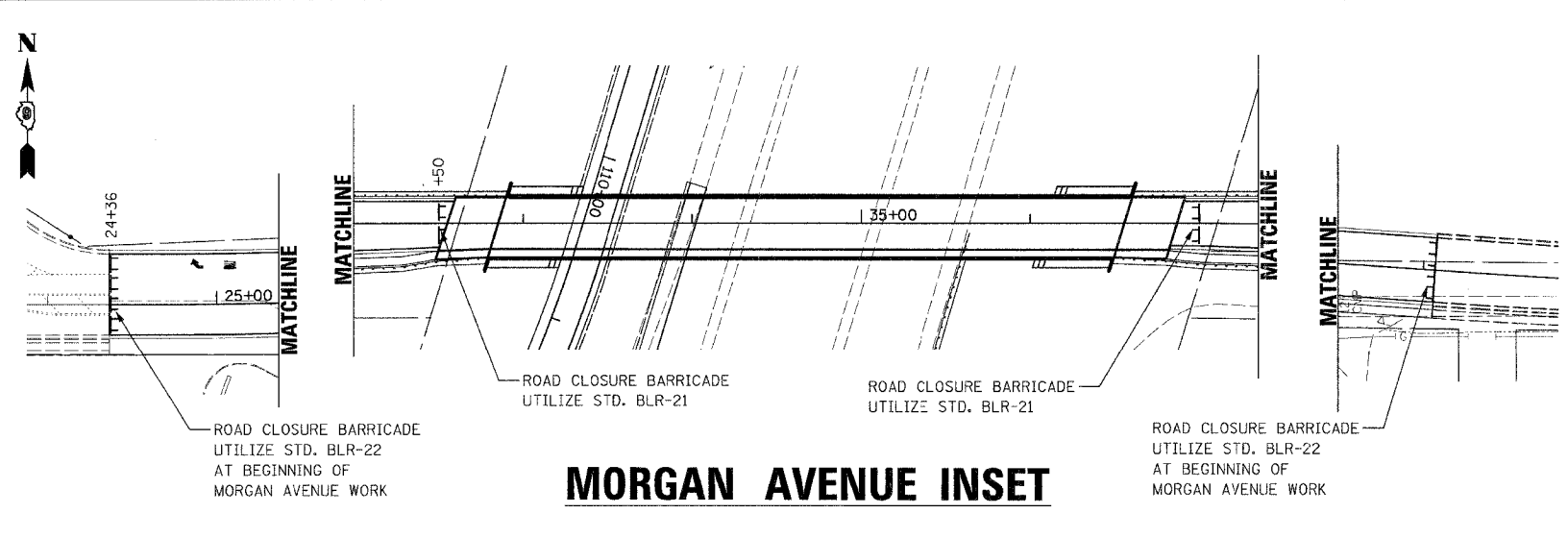
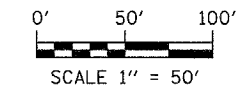
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAI ROUTE 9718
WILLIAMSON COUNTY

SCALE: 1"=100'
DATE: 3-19-2007

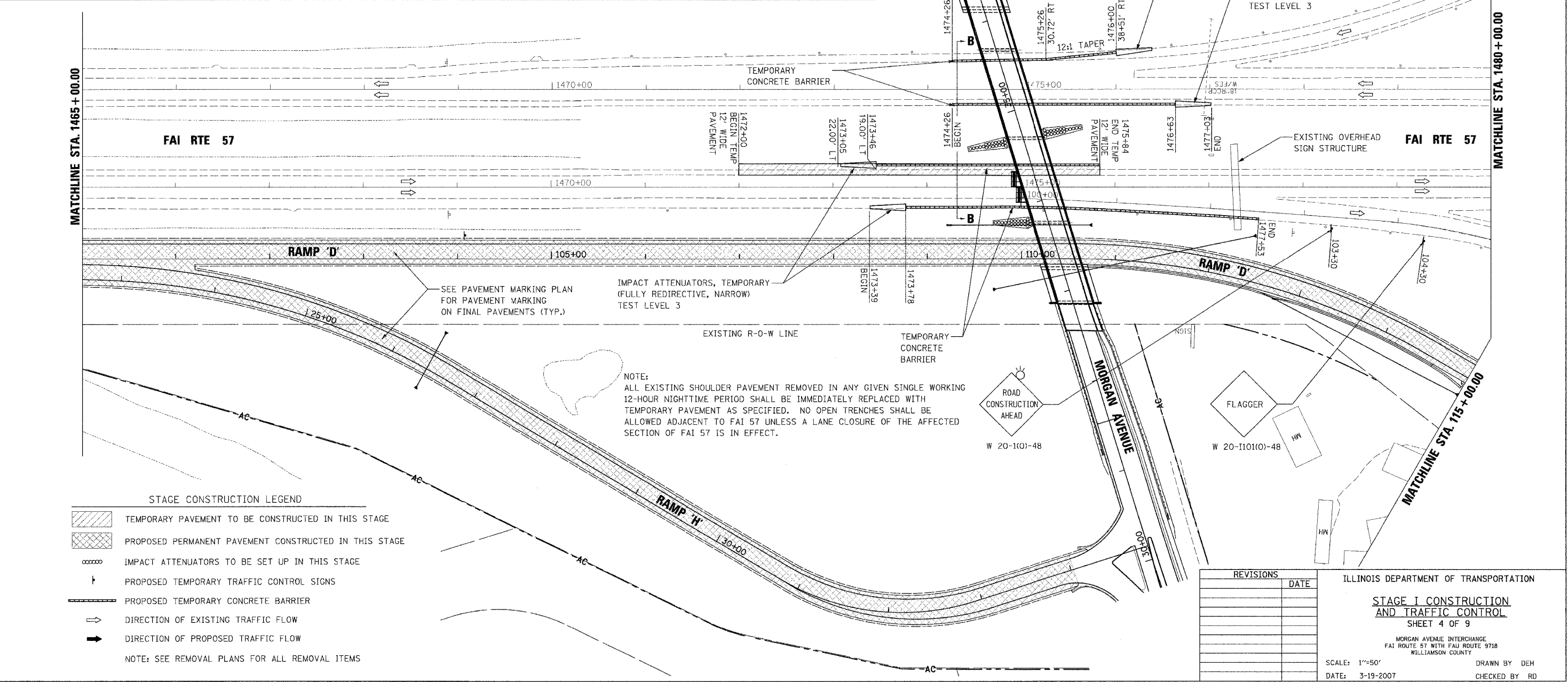
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USER NAME = chester

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	26
STA. 1465+00		TO STA. 1480+00		
FER. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				



MORGAN AVENUE INSET



NOTE:
ALL EXISTING SHOULDER PAVEMENT REMOVED IN ANY GIVEN SINGLE WORKING 12-HOUR NIGHTTIME PERIOD SHALL BE IMMEDIATELY REPLACED WITH TEMPORARY PAVEMENT AS SPECIFIED. NO OPEN TRENCHES SHALL BE ALLOWED ADJACENT TO FAI 57 UNLESS A LANE CLOSURE OF THE AFFECTED SECTION OF FAI 57 IS IN EFFECT.

STAGE CONSTRUCTION LEGEND

	TEMPORARY PAVEMENT TO BE CONSTRUCTED IN THIS STAGE
	PROPOSED PERMANENT PAVEMENT CONSTRUCTED IN THIS STAGE
	IMPACT ATTENUATORS TO BE SET UP IN THIS STAGE
	PROPOSED TEMPORARY TRAFFIC CONTROL SIGNS
	PROPOSED TEMPORARY CONCRETE BARRIER
	DIRECTION OF EXISTING TRAFFIC FLOW
	DIRECTION OF PROPOSED TRAFFIC FLOW

NOTE: SEE REMOVAL PLANS FOR ALL REMOVAL ITEMS

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STAGE I CONSTRUCTION AND TRAFFIC CONTROL

SHEET 4 OF 9

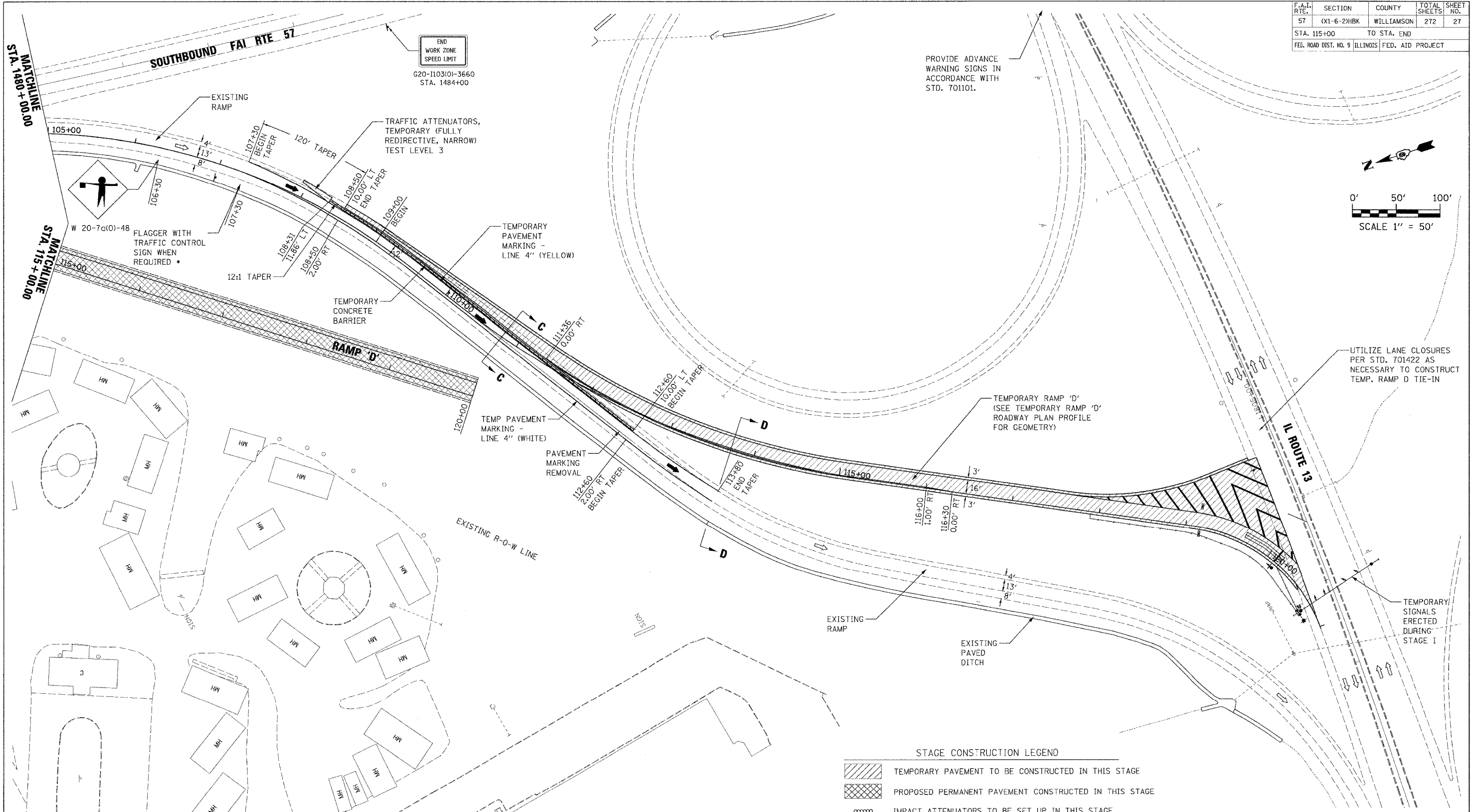
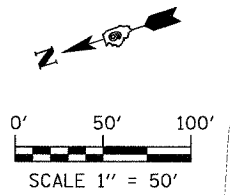
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

SCALE: 1"=50'
DATE: 3-19-2007

DRAWN BY DEH
CHECKED BY RD

PLOT DATE = 3/23/2007
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 USER NAME = gboerner

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	27
STA. 115+00		TO STA. END		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				



STAGE CONSTRUCTION LEGEND

- TEMPORARY PAVEMENT TO BE CONSTRUCTED IN THIS STAGE
- PROPOSED PERMANENT PAVEMENT CONSTRUCTED IN THIS STAGE
- IMPACT ATTENUATORS TO BE SET UP IN THIS STAGE
- PROPOSED TEMPORARY TRAFFIC CONTROL SIGNS
- PROPOSED TEMPORARY CONCRETE BARRIER
- DIRECTION OF EXISTING TRAFFIC FLOW
- DIRECTION OF PROPOSED TRAFFIC FLOW

NOTE: SEE REMOVAL PLANS FOR ALL REMOVAL ITEMS

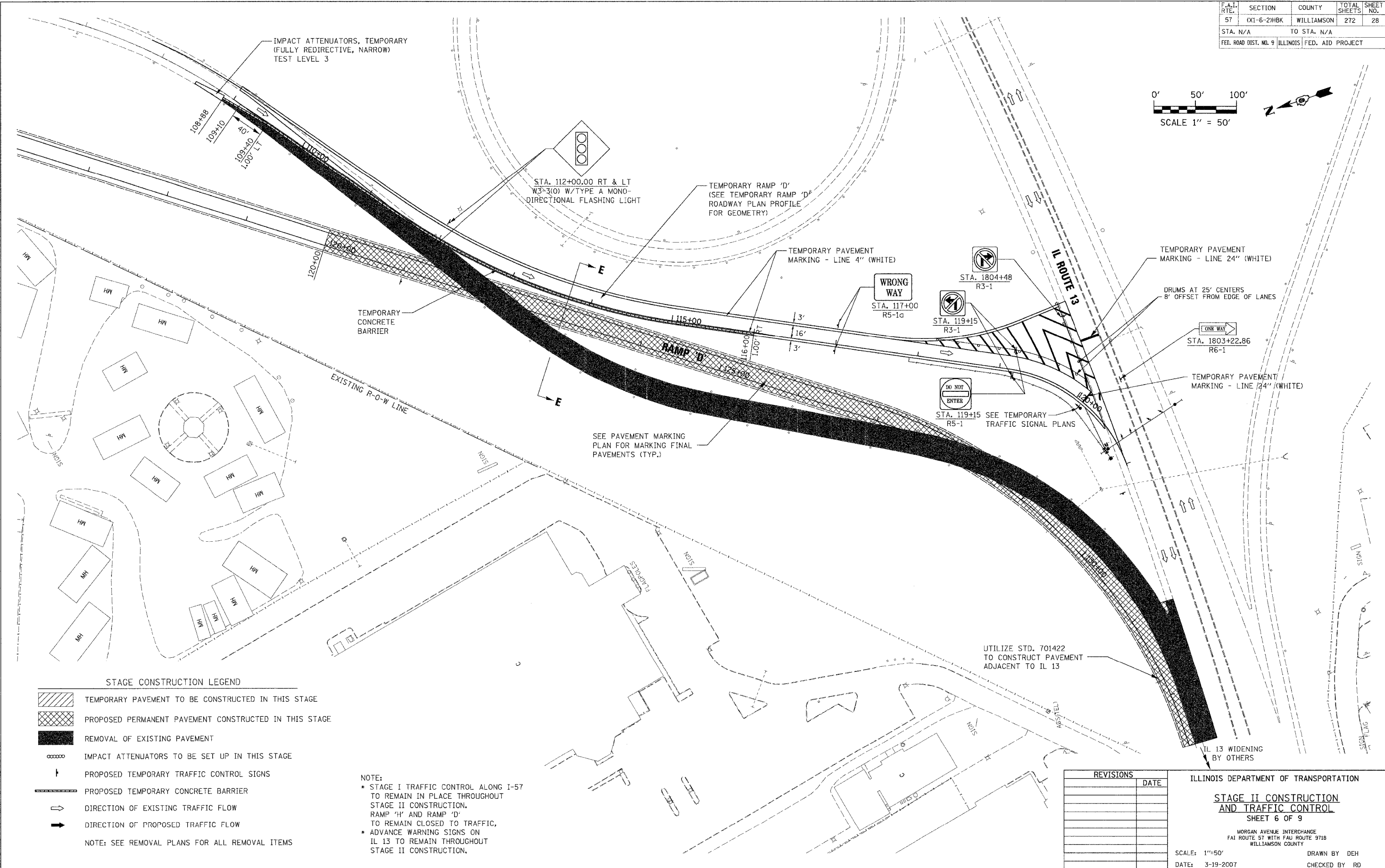
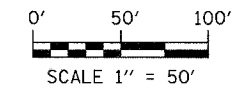
REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE I CONSTRUCTION AND TRAFFIC CONTROL
 SHEET 5 OF 9
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAI ROUTE 9718
 WILLIAMSON COUNTY
 SCALE: 1"=50'
 DATE: 3-19-2007
 DRAWN BY DEH
 CHECKED BY RD

NOTE: CONTRACTOR SHALL UTILIZE FLAGGER WHEN EQUIPMENT CROSSES EXISTING RAMP "D" TO CONSTRUCT TEMPORARY RAMP

PLOT DATE = 3/19/2007
 FILE NAME = P:\046600\046600.dgn
 PLOT SCALE = 1"=50'
 USER NAME = dhoerner

F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57 (X1-6-2)HBK	WILLIAMSON	272	28
STA. N/A	TO STA. N/A		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT			



STAGE CONSTRUCTION LEGEND

- TEMPORARY PAVEMENT TO BE CONSTRUCTED IN THIS STAGE
 - PROPOSED PERMANENT PAVEMENT CONSTRUCTED IN THIS STAGE
 - REMOVAL OF EXISTING PAVEMENT
 - IMPACT ATTENUATORS TO BE SET UP IN THIS STAGE
 - PROPOSED TEMPORARY TRAFFIC CONTROL SIGNS
 - PROPOSED TEMPORARY CONCRETE BARRIER
 - DIRECTION OF EXISTING TRAFFIC FLOW
 - DIRECTION OF PROPOSED TRAFFIC FLOW
- NOTE: SEE REMOVAL PLANS FOR ALL REMOVAL ITEMS

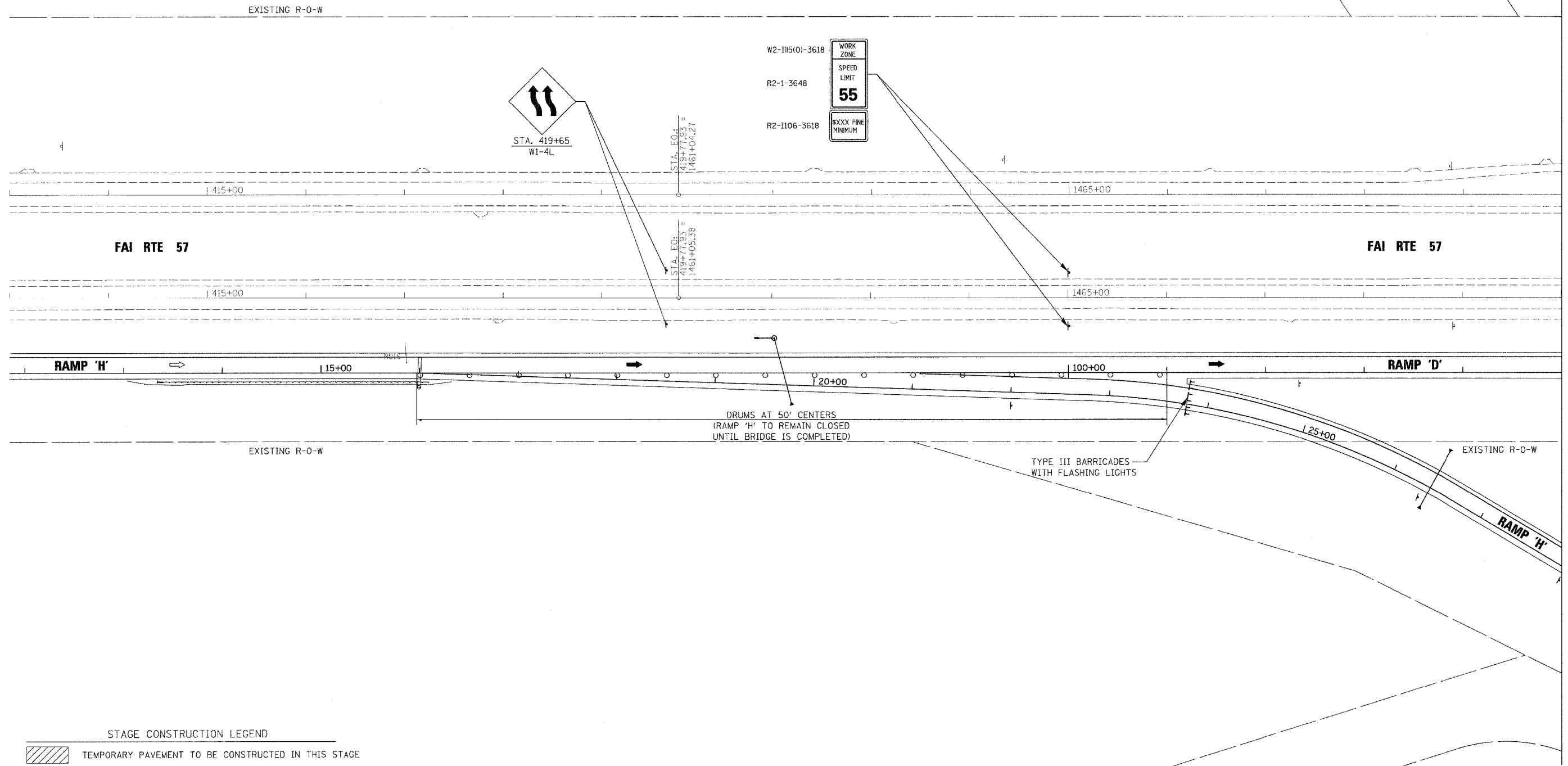
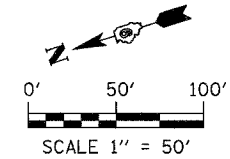
NOTE:
 * STAGE I TRAFFIC CONTROL ALONG I-57 TO REMAIN IN PLACE THROUGHOUT STAGE II CONSTRUCTION. RAMP 'H' AND RAMP 'D' TO REMAIN CLOSED TO TRAFFIC, ADVANCE WARNING SIGNS ON IL 13 TO REMAIN THROUGHOUT STAGE II CONSTRUCTION.

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE II CONSTRUCTION AND TRAFFIC CONTROL
 SHEET 6 OF 9
 MORGAN AVENUE INTERCHANGE
 FAU ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY
 SCALE: 1"=50'
 DATE: 3-19-2007
 DRAWN BY DEH
 CHECKED BY RD

PLOT DATE = 3/19/2007
 FILE NAME = P:\046808\98994\046808.dgn
 PLOT SCALE = BR/2000 / IN.
 USER NAME = chesmar

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	29
STA. N/A		TO STA. 1470+00		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				



STAGE CONSTRUCTION LEGEND

- TEMPORARY PAVEMENT TO BE CONSTRUCTED IN THIS STAGE
 - PROPOSED PERMANENT PAVEMENT CONSTRUCTED IN THIS STAGE
 - IMPACT ATTENUATORS TO BE SET UP IN THIS STAGE
 - PROPOSED TEMPORARY TRAFFIC CONTROL SIGNS
 - PROPOSED TEMPORARY CONCRETE BARRIER
 - DIRECTION OF EXISTING TRAFFIC FLOW
 - DIRECTION OF PROPOSED TRAFFIC FLOW
- NOTE: SEE REMOVAL PLANS FOR ALL REMOVAL ITEMS

NOTE:

- STAGE I/II TRAFFIC CONTROL FOR LANE SHIFT AT RAMP 'H' EXIT TO BE REMOVED AND RAMP 'D' TO BE OPENED TO TRAFFIC.
- REMAINDER OF ADVANCE WARNING SIGNS, MESSAGE BOARDS, AND SPEED REDUCTION SIGNS TO REMAIN IN PLACE FOR STAGE III CONSTRUCTION. OVERHEAD SIGNAGE TO BE REMOVED PRIOR TO PLACING RAMP D INTO SERVICE
- RAMP 'H' TO REMAIN CLOSED TO TRAFFIC UNTIL MORGAN AVENUE AND BRIDGE ARE COMPLETE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STAGE III CONSTRUCTION AND TRAFFIC CONTROL

SHEET 7 OF 9

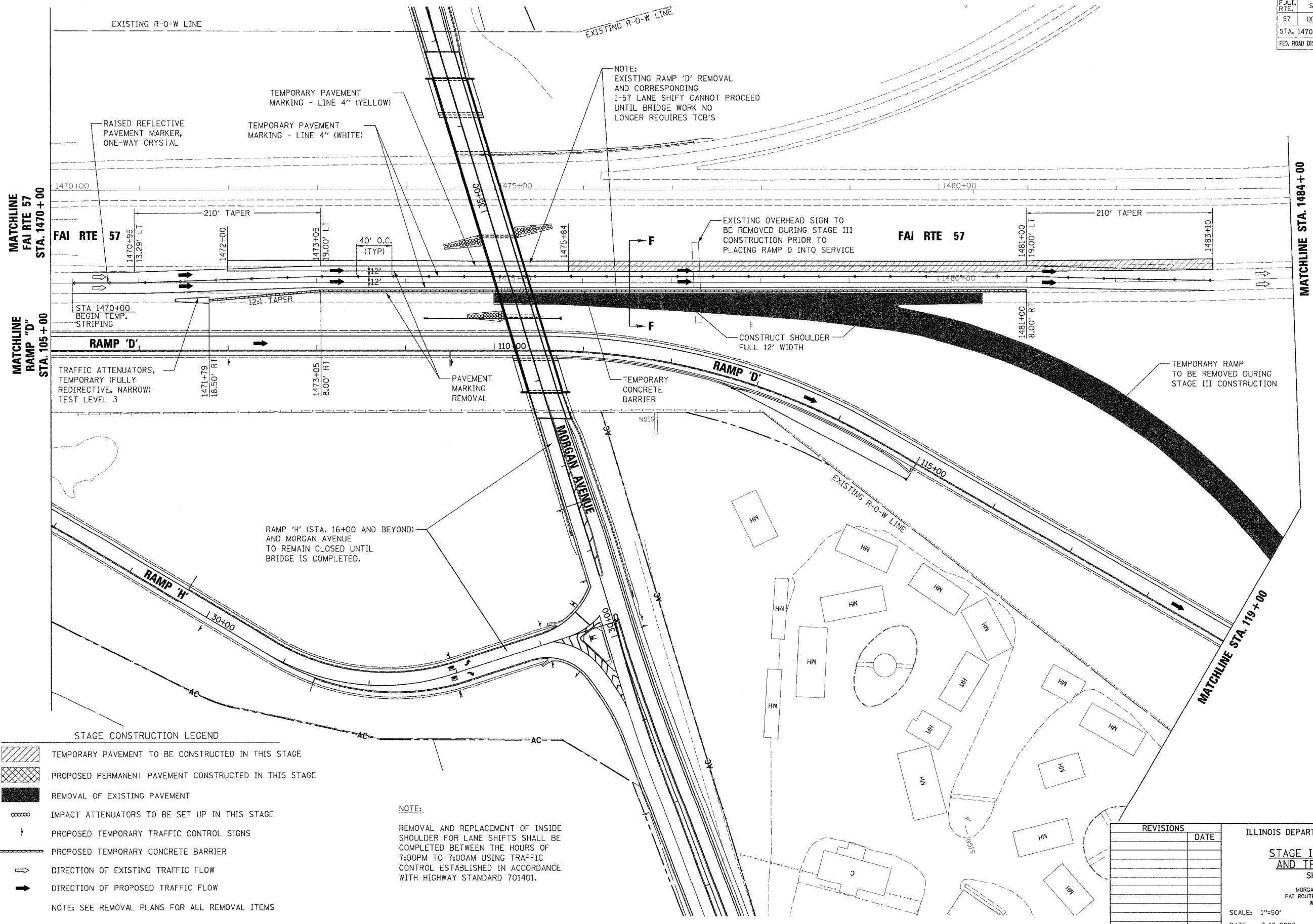
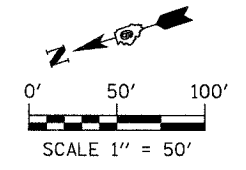
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

SCALE: 1"=50'
DATE: 3-19-2007

DRAWN BY DEH
CHECKED BY RD

PLOT DATE = 3/19/2007
 FILE NAME = F:\046583\egm\040683s07.dgn
 PLOT SCALE = 1/4"=1'-0"
 USER NAME = chester

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HRK	WILLIAMSON	272	30
STA. 1470+00		TO STA. 1484+00		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				



NOTE:
EXISTING RAMP 'D' REMOVAL
AND CORRESPONDING
I-57 LANE SHIFT CANNOT PROCEED
UNTIL BRIDGE WORK NO
LONGER REQUIRES TCB'S

EXISTING OVERHEAD SIGN TO
BE REMOVED DURING STAGE III
CONSTRUCTION PRIOR TO
PLACING RAMP D INTO SERVICE

CONSTRUCT SHOULDER
FULL 12' WIDTH

TEMPORARY RAMP
TO BE REMOVED DURING
STAGE III CONSTRUCTION

TEMPORARY PAVEMENT
MARKING - LINE 4" (YELLOW)

TEMPORARY PAVEMENT
MARKING - LINE 4" (WHITE)

RAISED REFLECTIVE
PAVEMENT MARKER,
ONE-WAY CRYSTAL

TRAFFIC ATTENUATORS,
TEMPORARY (FULLY
REDIRECTIVE, NARROW)
TEST LEVEL 3

PAVEMENT
MARKING
REMOVAL

TEMPORARY
CONCRETE
BARRIER

RAMP 'H' (STA. 16+00 AND BEYOND)
AND MORGAN AVENUE
TO REMAIN CLOSED UNTIL
BRIDGE IS COMPLETED.

STAGE CONSTRUCTION LEGEND

- TEMPORARY PAVEMENT TO BE CONSTRUCTED IN THIS STAGE
 - PROPOSED PERMANENT PAVEMENT CONSTRUCTED IN THIS STAGE
 - REMOVAL OF EXISTING PAVEMENT
 - IMPACT ATTENUATORS TO BE SET UP IN THIS STAGE
 - PROPOSED TEMPORARY TRAFFIC CONTROL SIGNS
 - PROPOSED TEMPORARY CONCRETE BARRIER
 - DIRECTION OF EXISTING TRAFFIC FLOW
 - DIRECTION OF PROPOSED TRAFFIC FLOW
- NOTE: SEE REMOVAL PLANS FOR ALL REMOVAL ITEMS

NOTE:
REMOVAL AND REPLACEMENT OF INSIDE
SHOULDER FOR LANE SHIFTS SHALL BE
COMPLETED BETWEEN THE HOURS OF
7:00PM TO 7:00AM USING TRAFFIC
CONTROL ESTABLISHED IN ACCORDANCE
WITH HIGHWAY STANDARD 701401.

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STAGE III CONSTRUCTION
AND TRAFFIC CONTROL**

SHEET 8 OF 9

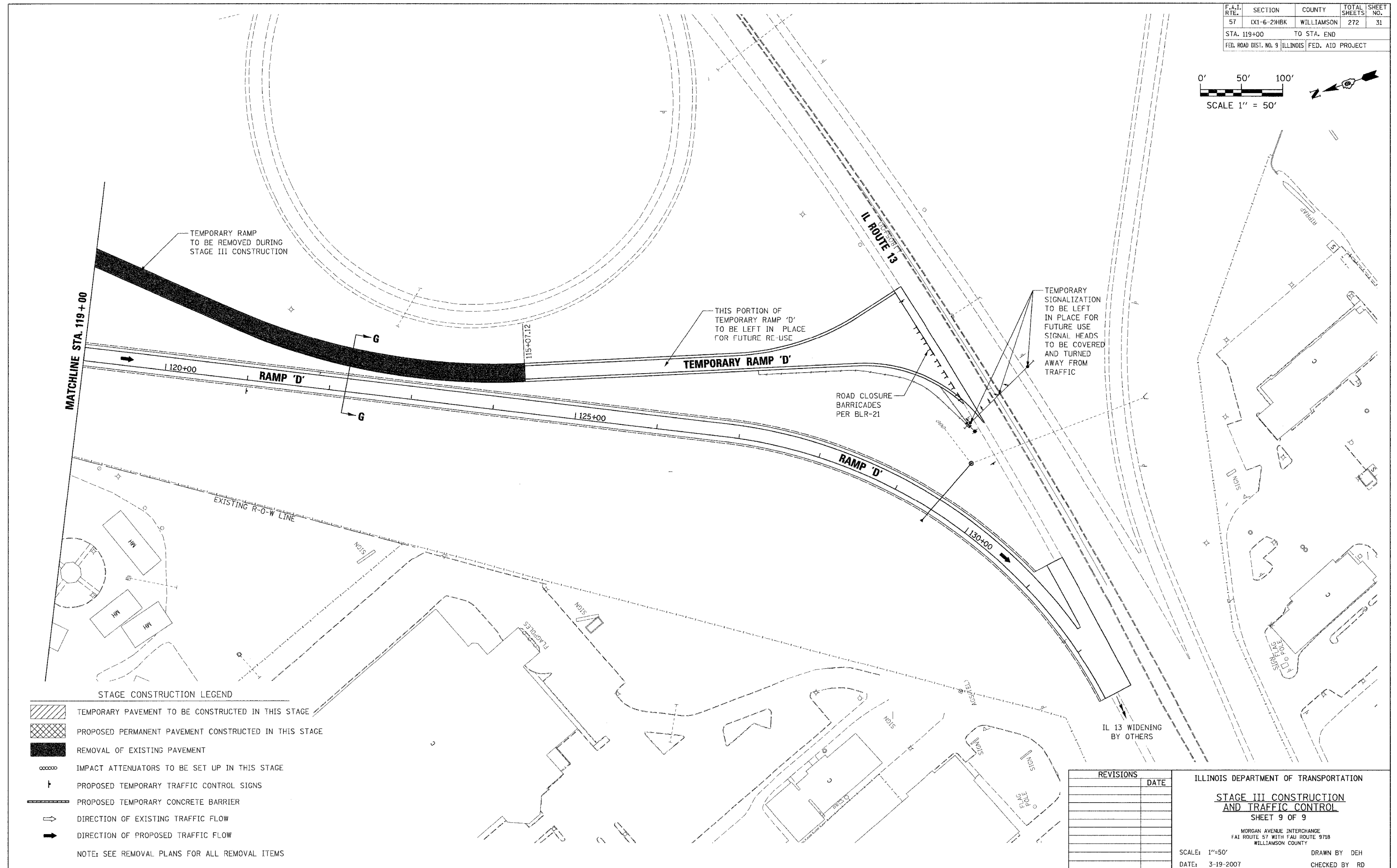
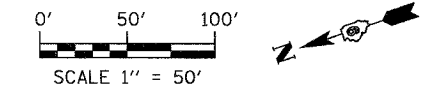
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

SCALE: 1"=50'
DATE: 3-19-2007

DRAWN BY: DEH
CHECKED BY: RD

PLOT DATE = 3/19/2007
 FILE NAME = P:\040898\040898.dgn
 PLOT SCALE = 50.0000 / 1.00
 USER NAME = dhooper

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	31
STA. 119+00		TO STA. END		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



STAGE CONSTRUCTION LEGEND

- TEMPORARY PAVEMENT TO BE CONSTRUCTED IN THIS STAGE
 - PROPOSED PERMANENT PAVEMENT CONSTRUCTED IN THIS STAGE
 - REMOVAL OF EXISTING PAVEMENT
 - IMPACT ATTENUATORS TO BE SET UP IN THIS STAGE
 - PROPOSED TEMPORARY TRAFFIC CONTROL SIGNS
 - PROPOSED TEMPORARY CONCRETE BARRIER
 - DIRECTION OF EXISTING TRAFFIC FLOW
 - DIRECTION OF PROPOSED TRAFFIC FLOW
- NOTE: SEE REMOVAL PLANS FOR ALL REMOVAL ITEMS

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE III CONSTRUCTION AND TRAFFIC CONTROL
 SHEET 9 OF 9
 MORGAN AVENUE INTERCHANGE
 FAU ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY
 SCALE: 1"=50'
 DATE: 3-19-2007
 DRAWN BY: DEH
 CHECKED BY: RD

PLOT DATE = 3/19/2007
 FILE NAME = P:\046600\egm\810660a.spl.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = channer

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	01-6-2HKB	WILLIAMSON	272	32
STA. 0+00 TO STA. 11+00				
FED. ROAD DIST. NO. 9 ILLINOIS			FED. AID PROJECT	

PLAN

DATE	BY

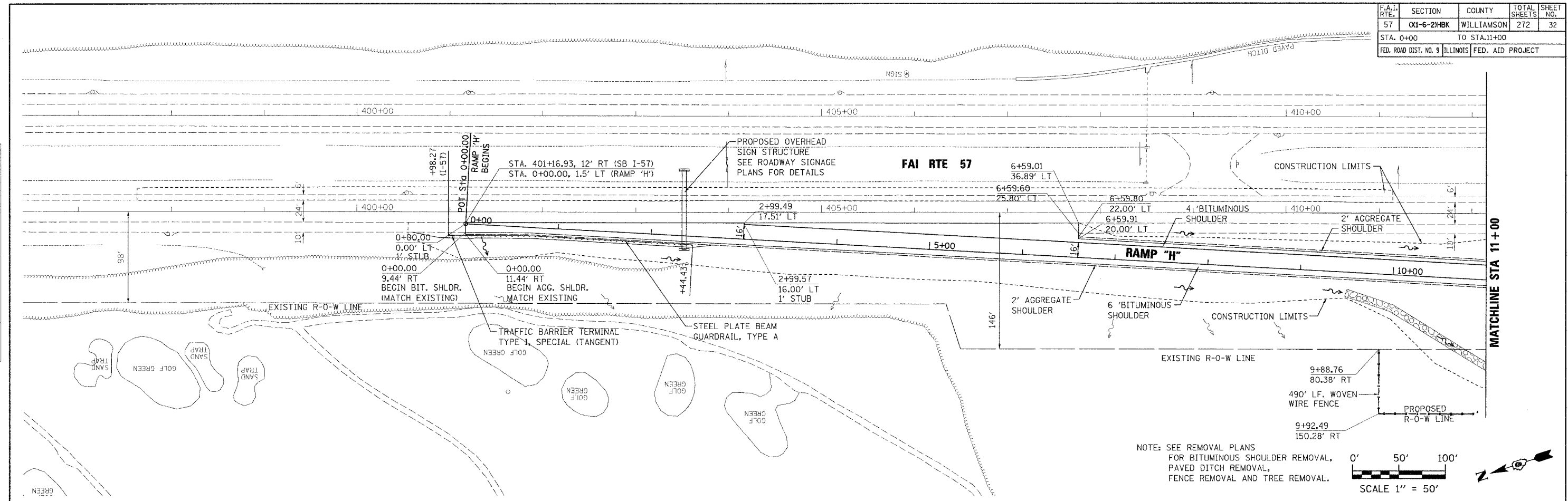
SURVEYED
 ALIGNMENT CHECKED
 NOTE BOOK NO. _____
 DATE OF FIELD WORK _____
 DATE OF PLAN CHECK _____
 NO. _____

PROFILE

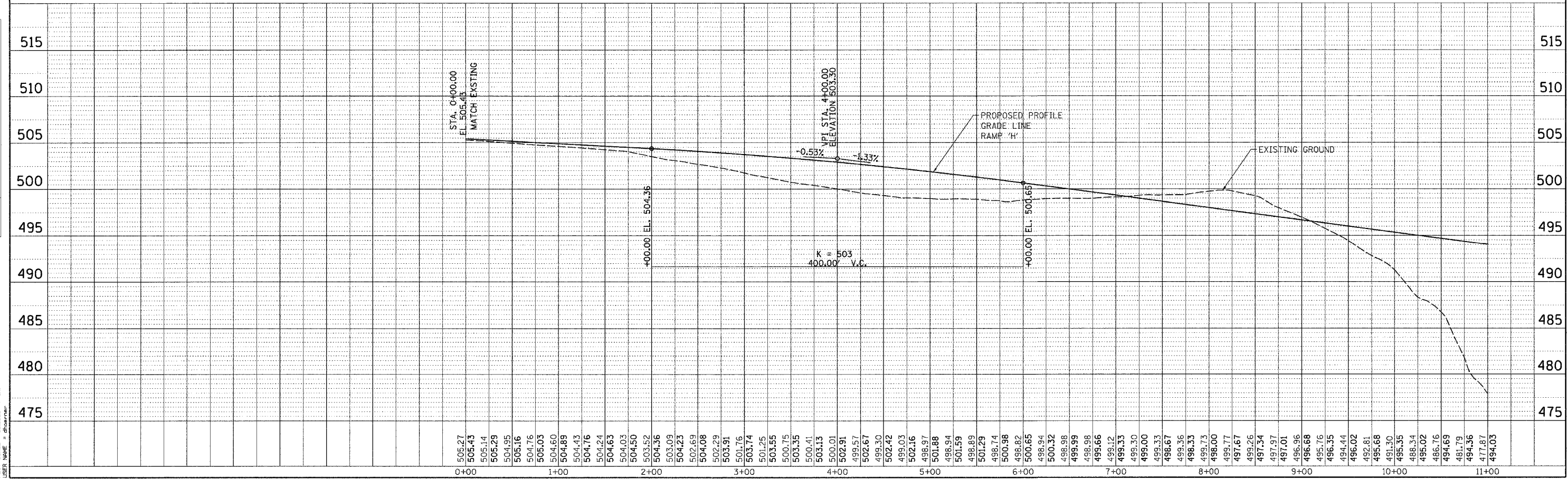
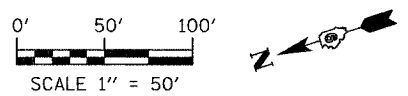
DATE	BY

SURVEYED
 GRADES CHECKED
 NOTE BOOK NO. _____
 DATE OF FIELD WORK _____
 DATE OF PROFILE CHECK _____
 NO. _____

PLOT DATE = 3/21/2007
 FILE NAME = P:\1416269\cogn\0106282\mp\h-rp1.dgn
 PLOT SCALE = 50.0000' / 1" / 100'
 USER NAME = phoemmer



NOTE: SEE REMOVAL PLANS
 FOR BITUMINOUS SHOULDER REMOVAL,
 PAVED DITCH REMOVAL,
 FENCE REMOVAL AND TREE REMOVAL.



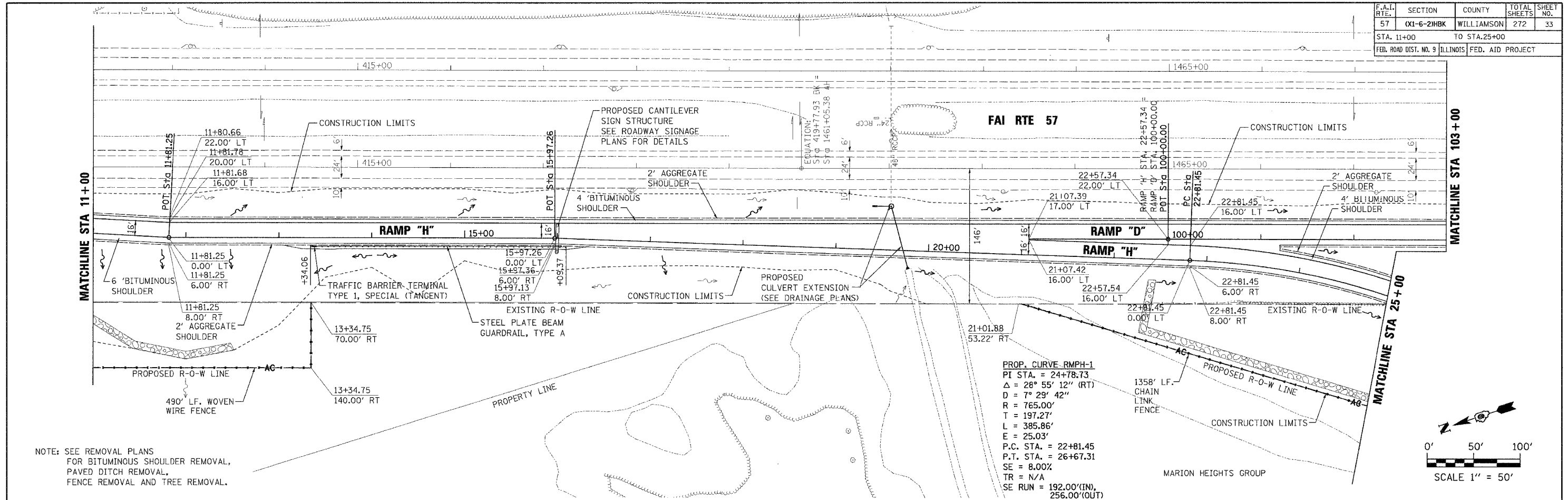
RAMP "H" PLAN & PROFILE STA 0+00 TO 11+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HKB	WILLIAMSON	272	33
STA. 11+00		TO STA. 25+00		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		

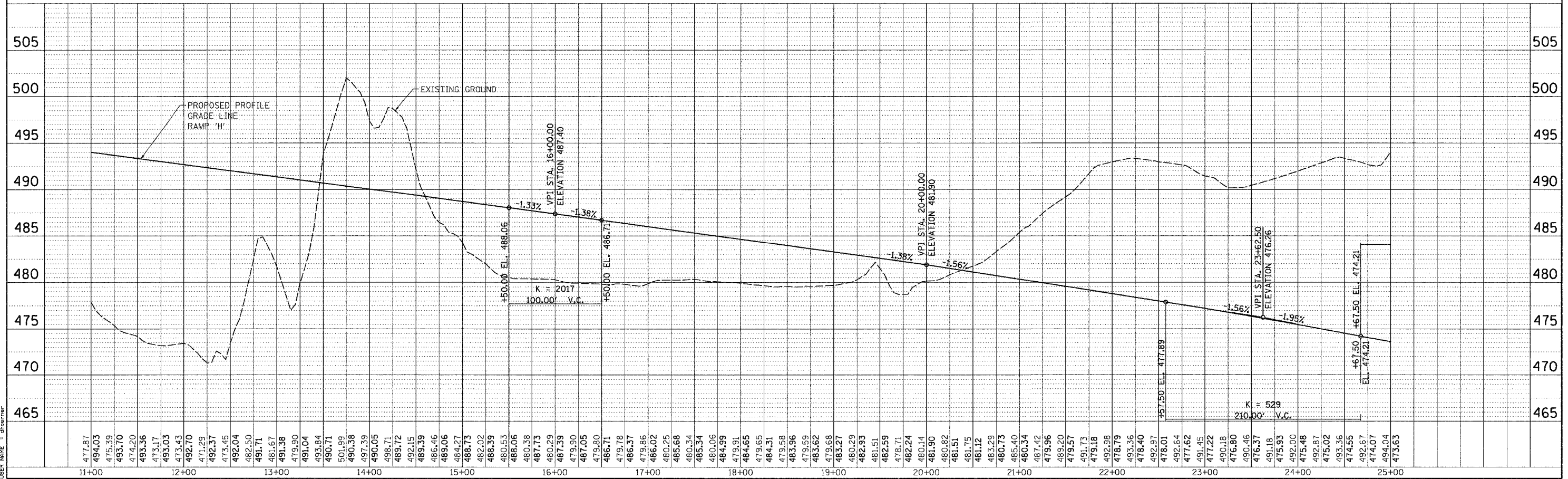
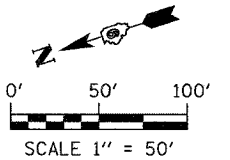
PLAN	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
DATE		
NOTE BOOK NO.		
FILE NAME		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
DATE		
NOTE BOOK NO.		
FILE NAME		

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 PLOT SCALE = 50.0000 / IN.
 USER NAME = gbaumer

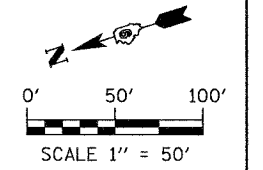


NOTE: SEE REMOVAL PLANS FOR BITUMINOUS SHOULDER REMOVAL, PAVED DITCH REMOVAL, FENCE REMOVAL AND TREE REMOVAL.

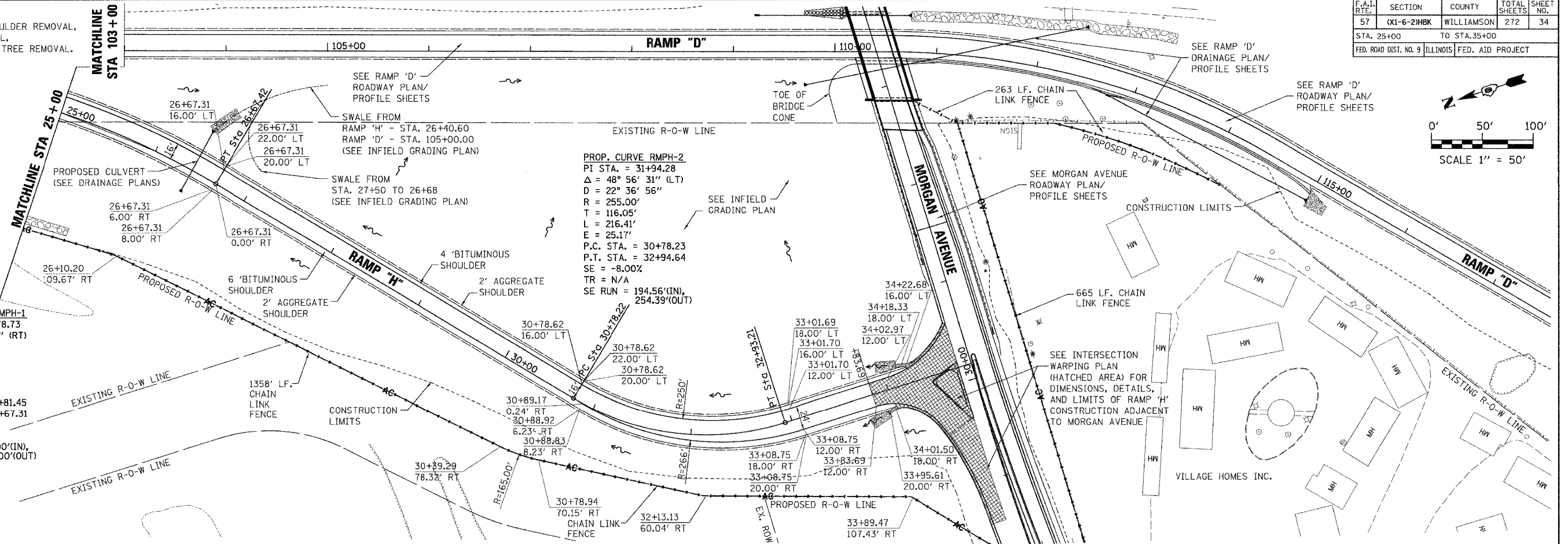


RAMP "H" PLAN & PROFILE STA 11+00 TO 25+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	OXI-6-2HKB	WILLIAMSON	272	34
STA. 25+00		TO STA. 35+00		
FED. ROAD DIST. NO. 9		ILLINOIS		FED. AID PROJECT



NOTE: SEE REMOVAL PLANS FOR BITUMINOUS SHOULDER REMOVAL, PAVED DITCH REMOVAL, FENCE REMOVAL AND TREE REMOVAL.



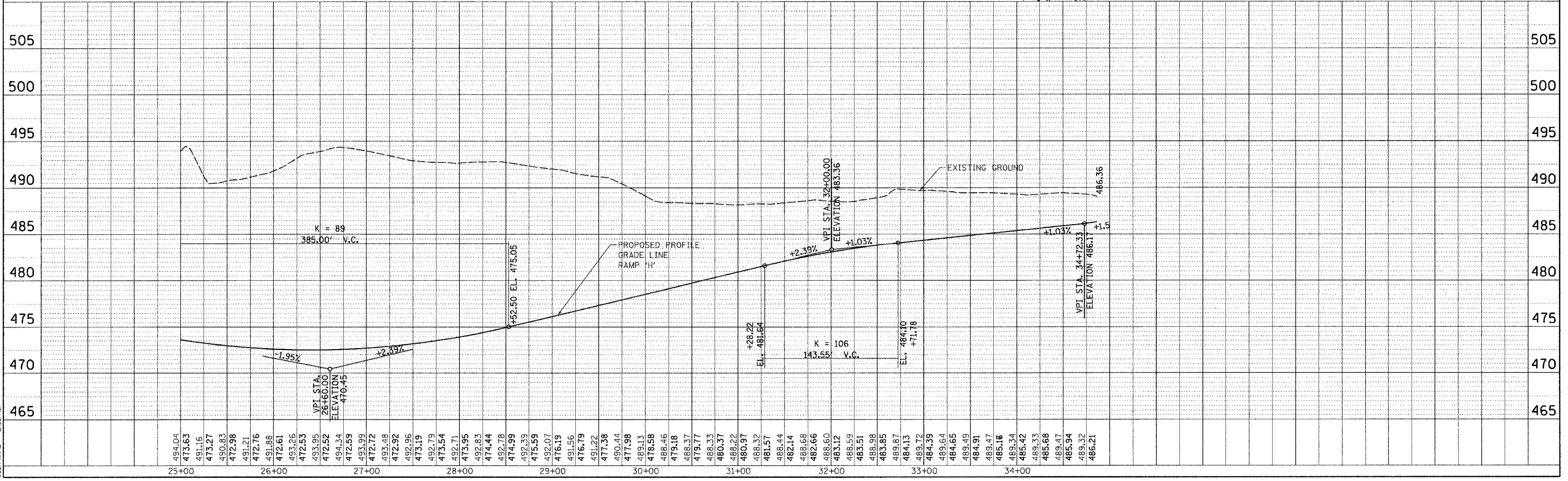
PROP. CURVE RMPH-1
 PI STA. = 24+78.73
 $\Delta = 28^\circ 55' 12''$ (RT)
 $D = 7^\circ 29' 42''$
 $R = 765.00'$
 $T = 197.27'$
 $L = 385.86'$
 $E = 25.03'$
 P.C. STA. = 22+81.45
 P.T. STA. = 26+67.31
 $SE = 8.00\%$
 $TR = N/A$
 $SE\ RUN = 192.00'(IN), 256.00'(OUT)$

PROP. CURVE RMPH-2
 PI STA. = 31+94.28
 $\Delta = 48^\circ 56' 31''$ (LT)
 $D = 22^\circ 36' 56''$
 $R = 255.00'$
 $T = 116.05'$
 $L = 216.41'$
 $E = 25.17'$
 P.C. STA. = 30+78.23
 P.T. STA. = 32+94.64
 $SE = -8.00\%$
 $TR = N/A$
 $SE\ RUN = 194.56'(IN), 254.39'(OUT)$

DATE	BY	REVISION

DATE	BY	REVISION

PLOT DATE = 3/21/2007
 FILE NAME = P:\06000\06000.dgn
 PLOT SCALE = 1/4" = 1' / IN.
 USER NAME = channer



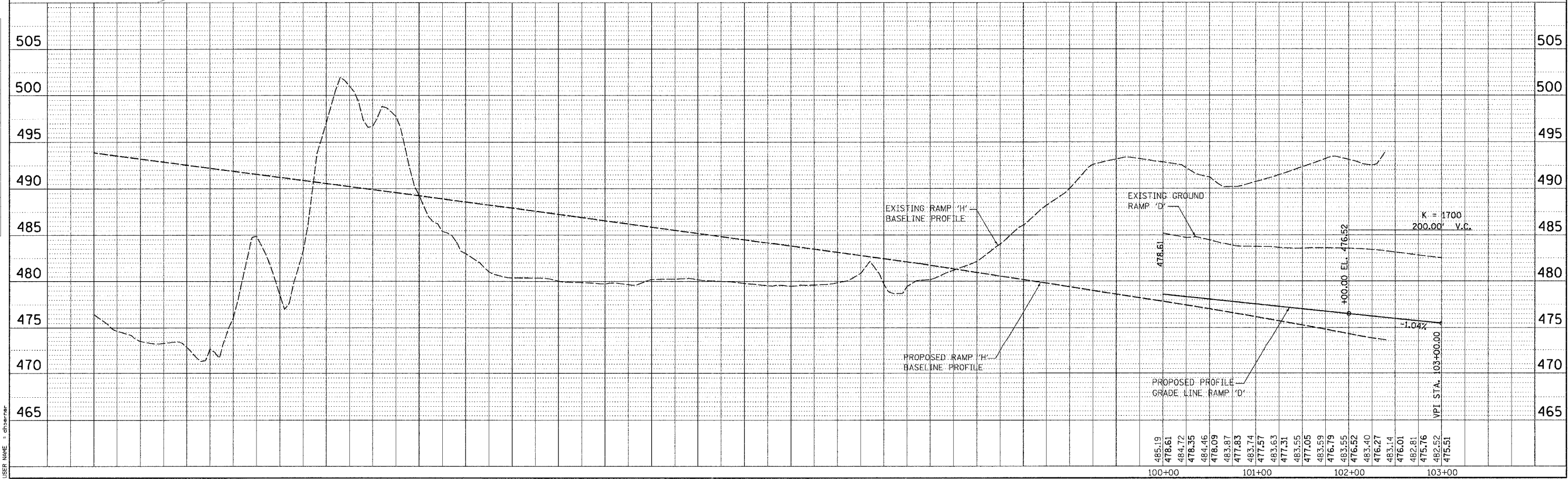
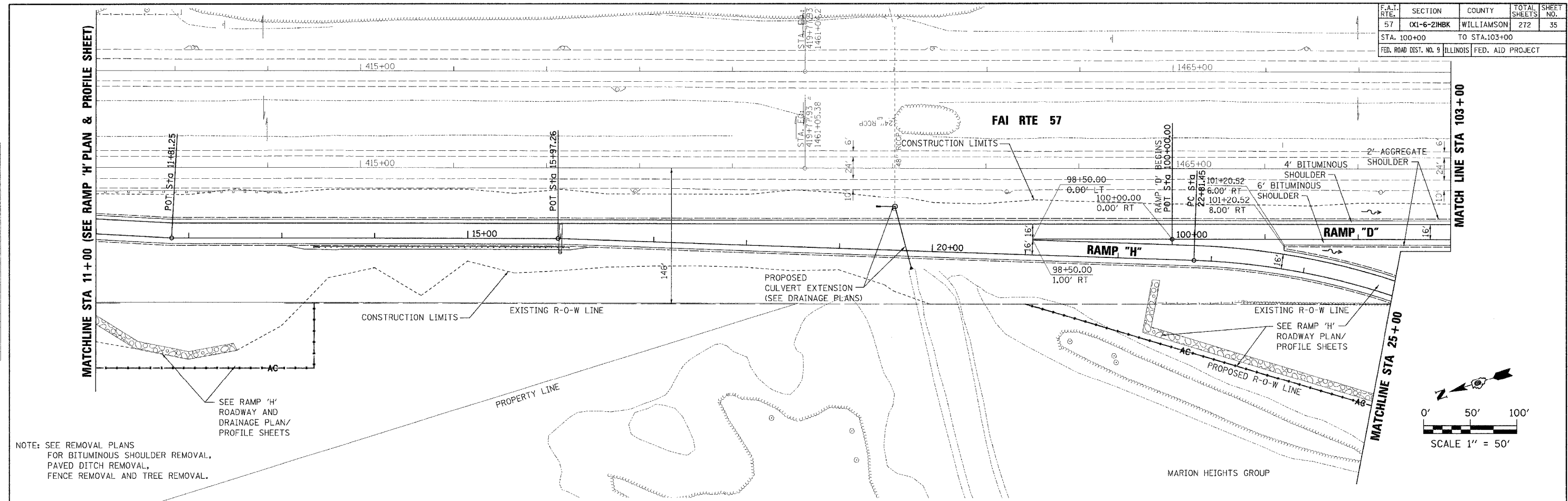
RAMP "H" PLAN & PROFILE STA 25+00 TO 35+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2H8K	WILLIAMSON	272	35
STA. 100+00		TO STA. 103+00		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		

PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		

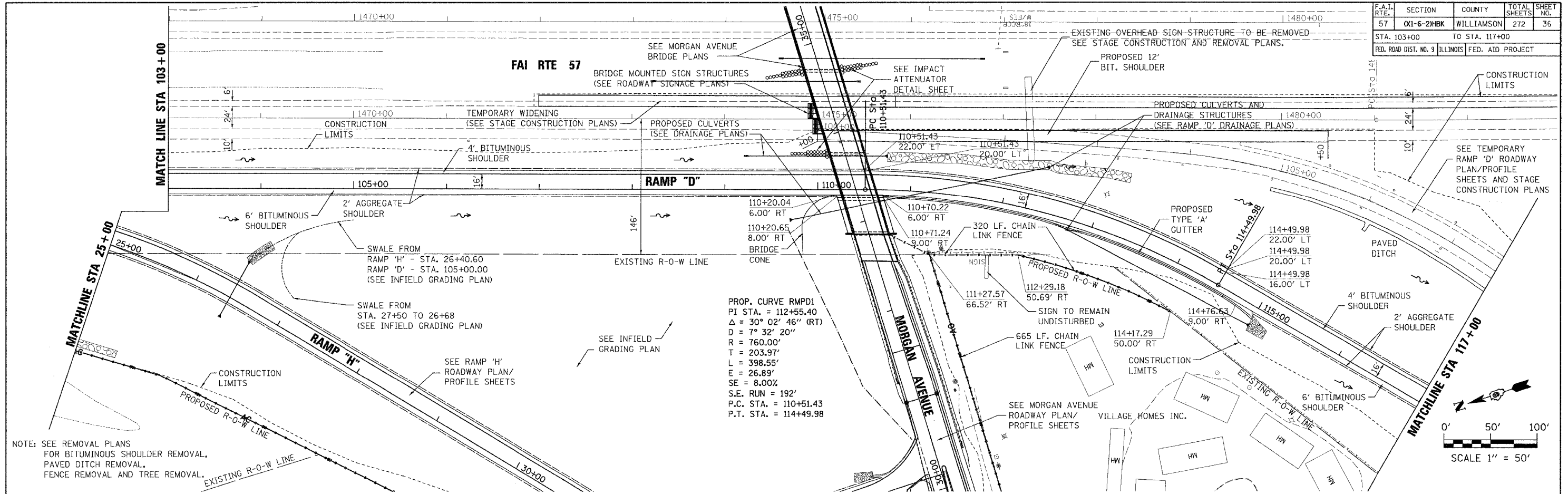
PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		

PLOT DATE = 3/21/2007
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 PLOT SCALE = 60:2000
 USER NAME = chernier

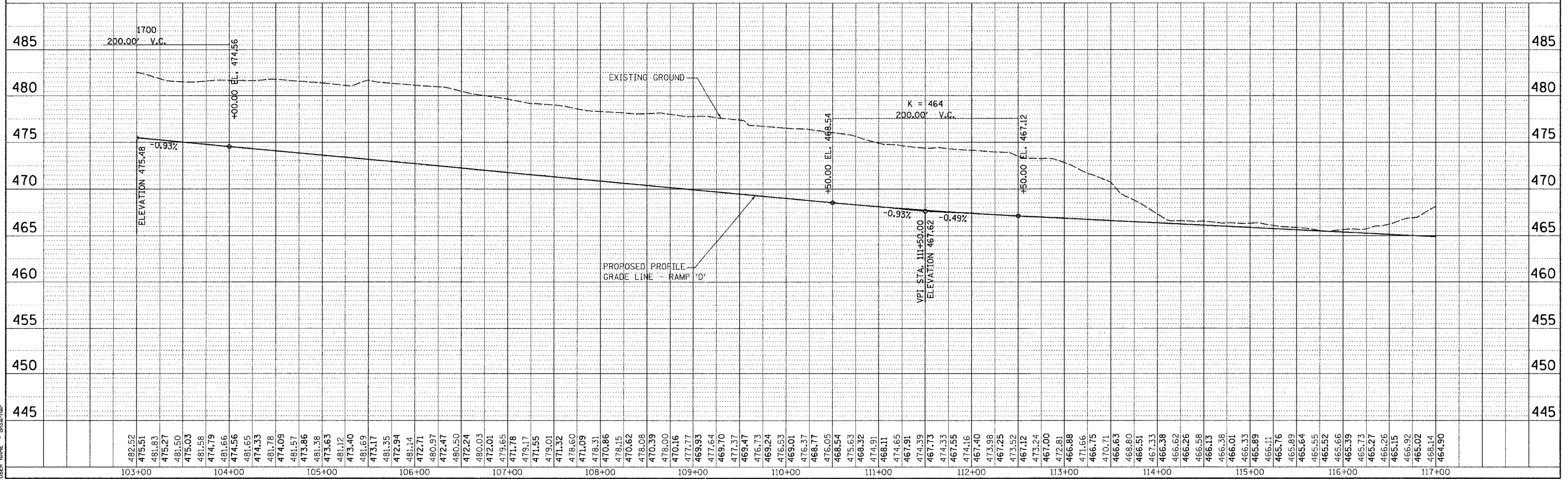
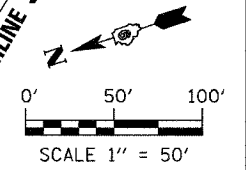


RAMP "D" PLAN & PROFILE STA 100+00 TO 103+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HBR	WILLIAMSON	272	36
STA. 103+00		TO STA. 117+00		
FED. ROAD DIST. NO. 9		ILLINOIS		
		FED. AID PROJECT		



NOTE: SEE REMOVAL PLANS FOR BITUMINOUS SHOULDER REMOVAL, PAVED DITCH REMOVAL, FENCE REMOVAL AND TREE REMOVAL.



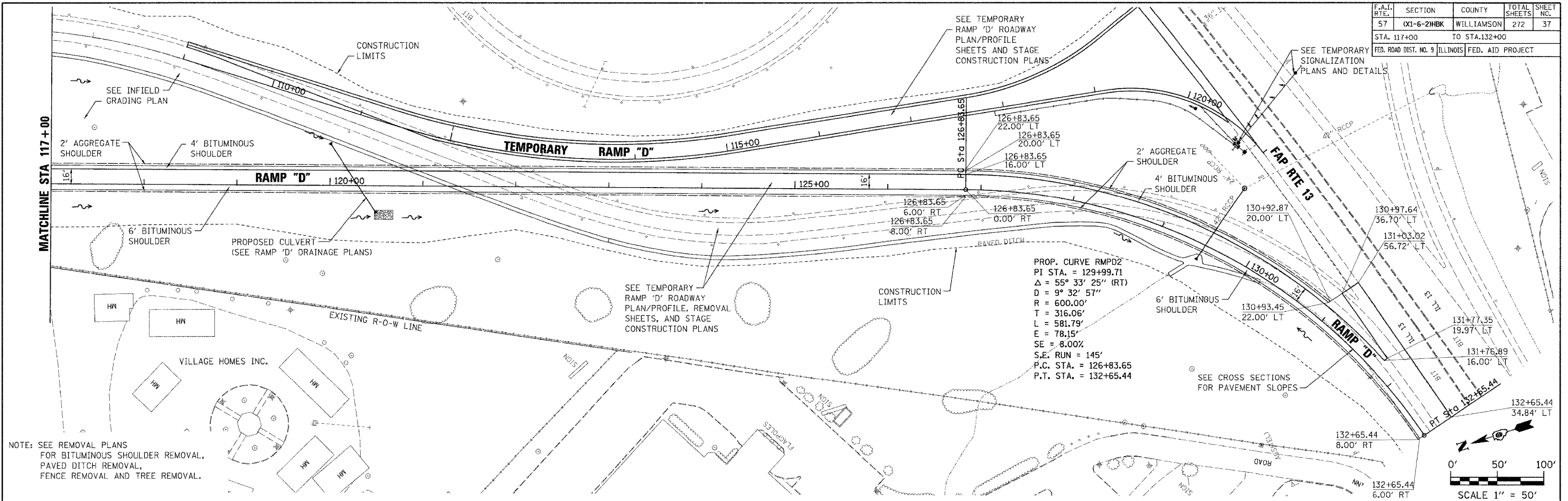
RAMP "D" PLAN & PROFILE STA 103+00 TO 117+00

PLAN	DATE
DATE	BY
DATE	BY
DATE	BY

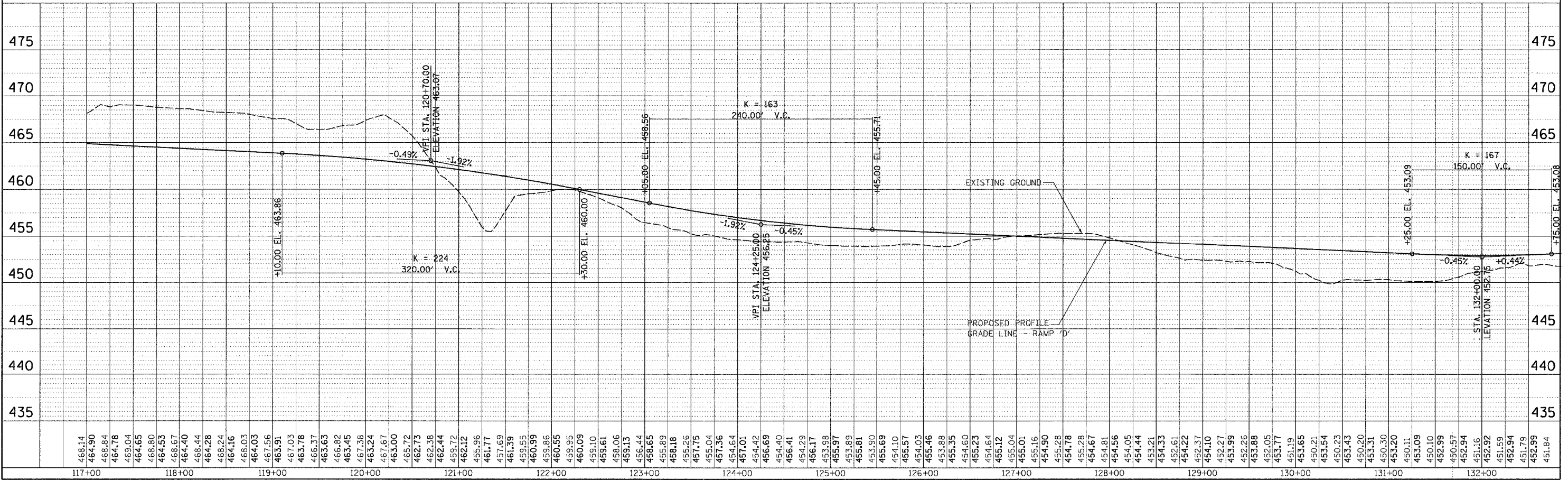
PROFILE	DATE
DATE	BY
DATE	BY
DATE	BY

PLT DATE = 6/14/2007
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 PLOT SCALE = 5/8"=1' / 1/4"
 USER NAME = dhuang

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HBR	WILLIAMSON	272	37
STA. 117+00		TO STA. 132+00		
FED. ROAD DIST. NO. 9		ILLINOIS		FED. AID PROJECT



NOTE: SEE REMOVAL PLANS FOR BITUMINOUS SHOULDER REMOVAL, PAVED DITCH REMOVAL, FENCE REMOVAL AND TREE REMOVAL.



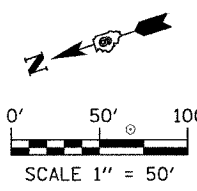
RAMP "D" PLAN & PROFILE STA 117+00 TO 132+00

DATE	BY	REVISION

DATE	BY	REVISION

PLOT DATE = 9/21/2007
 FILE NAME = P:\98994\98994.dgn
 PLOT SCALE = 50.0000 / 1" = 50.0000
 USER NAME = dhsomer

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HBK	WILLIAMSON	272	38
STA. 117+00		TO STA. 132+00		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				



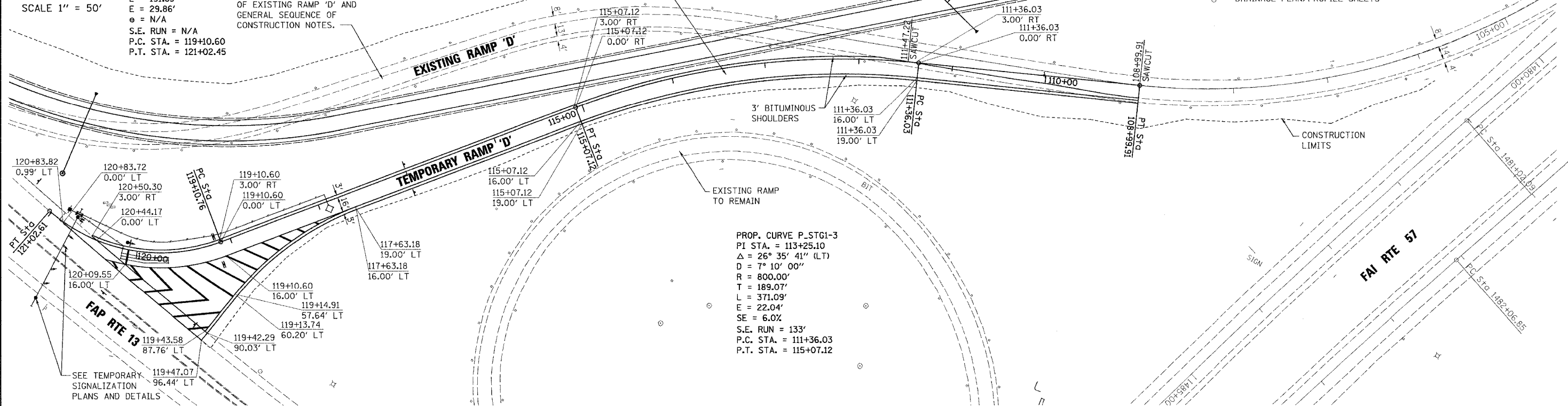
PROP. CURVE P-STG1-4
 PI STA. = 120+18.50
 $\Delta = 61^\circ 52' 54''$ (RT)
 $D = 32^\circ 15' 19''$
 $R = 180.00'$
 $T = 107.90'$
 $L = 191.85'$
 $E = 29.86'$
 $e = N/A$
 S.E. RUN = N/A
 P.C. STA. = 119+10.60
 P.T. STA. = 121+02.45

SEE STAGE CONSTRUCTION PLANS FOR REMOVAL DETAILS OF EXISTING RAMP 'D' AND GENERAL SEQUENCE OF CONSTRUCTION NOTES.

SEE STAGE CONSTRUCTION PLANS FOR DETAILS AND GENERAL SEQUENCE OF CONSTRUCTION NOTES.

PROPOSED CULVERT (SEE RAMP 'D' DRAINAGE PLANS)

SEE RAMP 'D' ROADWAY AND DRAINAGE PLAN/PROFILE SHEETS

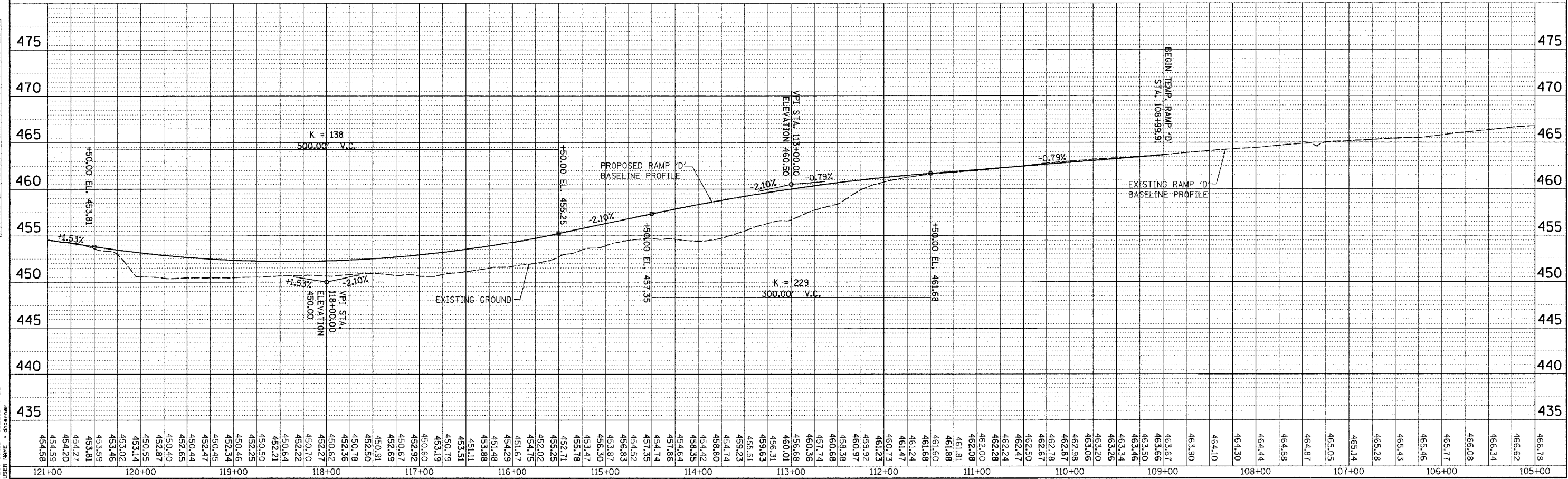


PROP. CURVE P-STG1-3
 PI STA. = 113+25.10
 $\Delta = 26^\circ 35' 41''$ (LT)
 $D = 7^\circ 10' 00''$
 $R = 800.00'$
 $T = 189.07'$
 $L = 371.09'$
 $E = 22.04'$
 $SE = 6.0\%$
 S.E. RUN = 133'
 P.C. STA. = 111+36.03
 P.T. STA. = 115+07.12

DATE	BY	REVISION

DATE	BY	REVISION

DATE: 3/21/2007
 FILE NAME: P:\0468680\cvg\0468680\temp\0468680.dwg
 PLOT SCALE: 1/8" = 1'-0"
 USER NAME: zhan



TEMPORARY RAMP "D" PLAN & PROFILE STA 105+00 TO 120+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9718	OXI-6-2HKB	WILLIAMSON	272	39
STA. 24+36.64		TO STA. 28+00		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

PROP. CURVE P_MORG1-3
 PI STA. = 25+67.52
 $\Delta = 3^\circ 48' 51''$ (LT)
 $D = 1^\circ 54' 36''$
 $R = 3,000.00'$
 $T = 99.89'$
 $L = 199.70'$
 $E = 1.66'$
 $e = N/A$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 P.C. STA. = 24+67.63
 P.T. STA. = 26+67.33

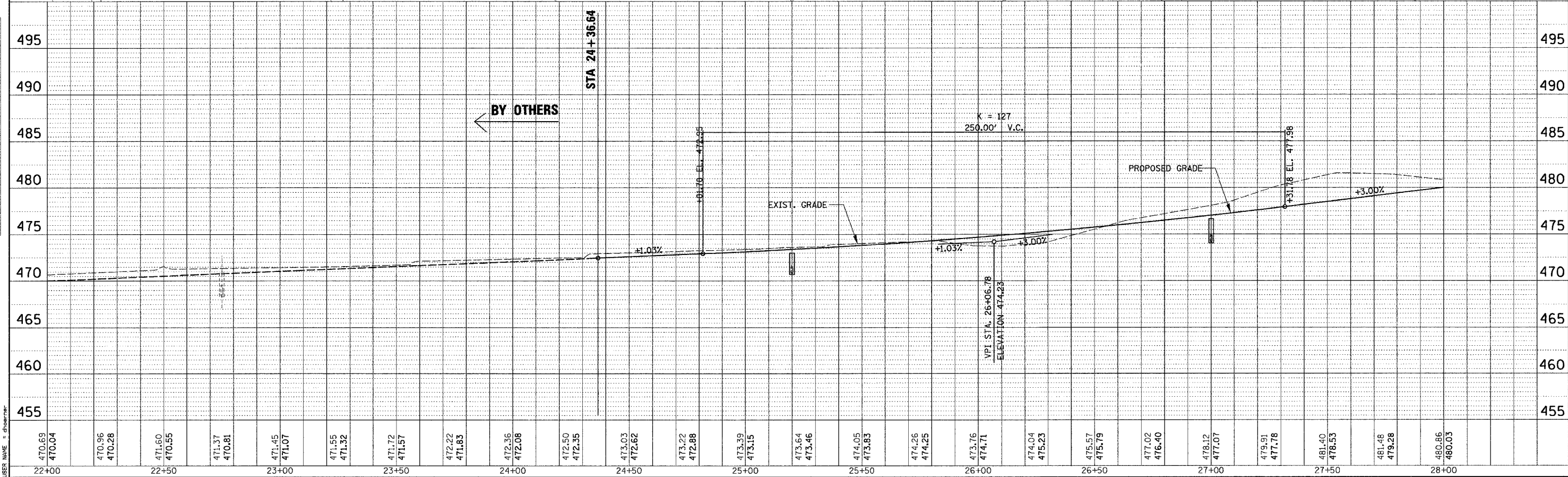
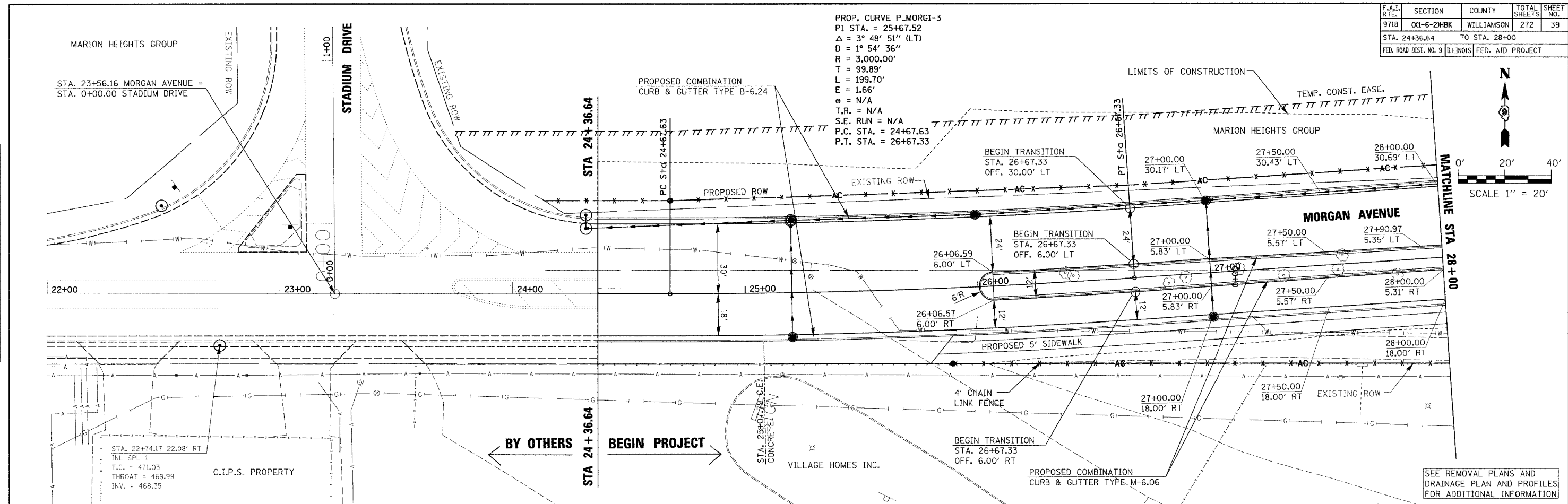
PLAN

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

PROFILE

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

PLOT DATE = 3/21/2007
 FILE NAME = P:\98994\98994.dgn
 PLOT SCALE = 1/8" = 1' IN.
 USER NAME = channer



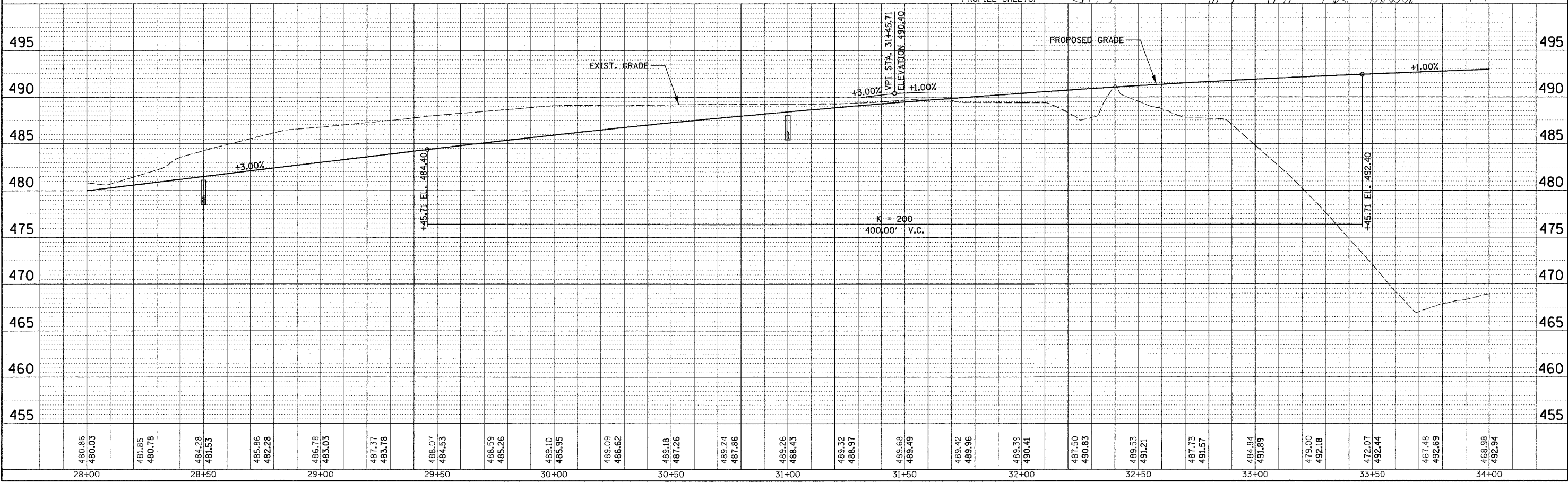
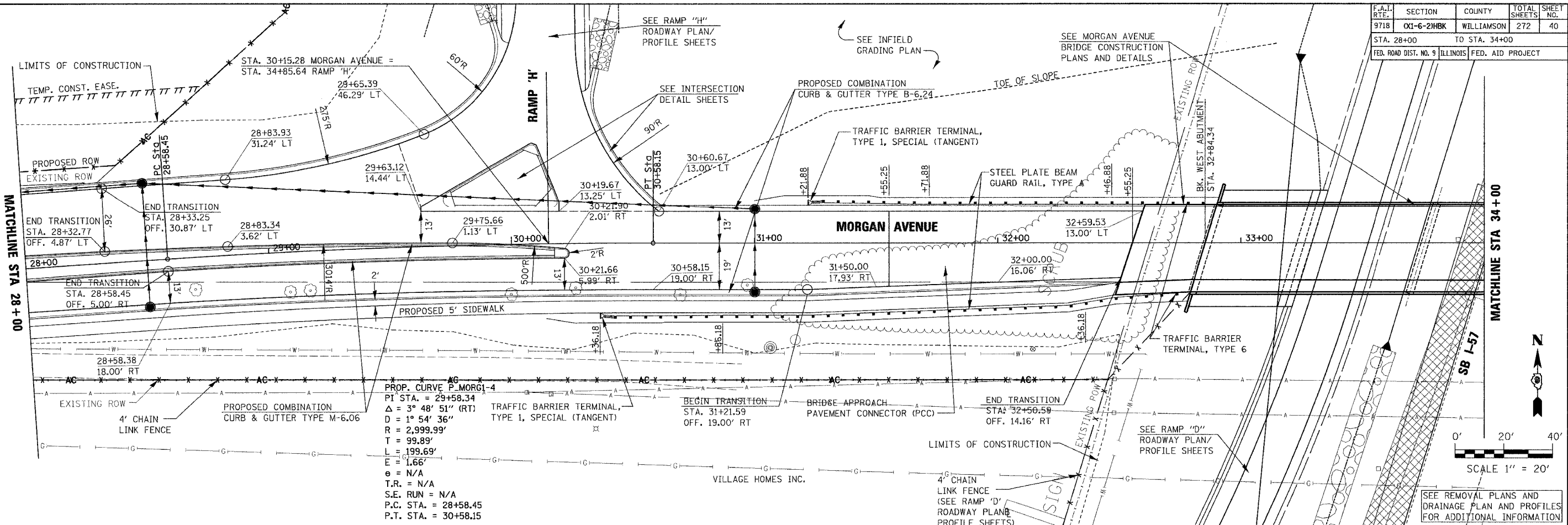
PLAN & PROFILE MORGAN AVENUE STA 24+36.64 TO 28+00

F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9718	0X1-6-2HMK	WILLIAMSON	272	40
STA. 28+00		TO STA. 34+00		
FED. ROAD DIST. NO. 9		ILLINOIS		FED. AID PROJECT

PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

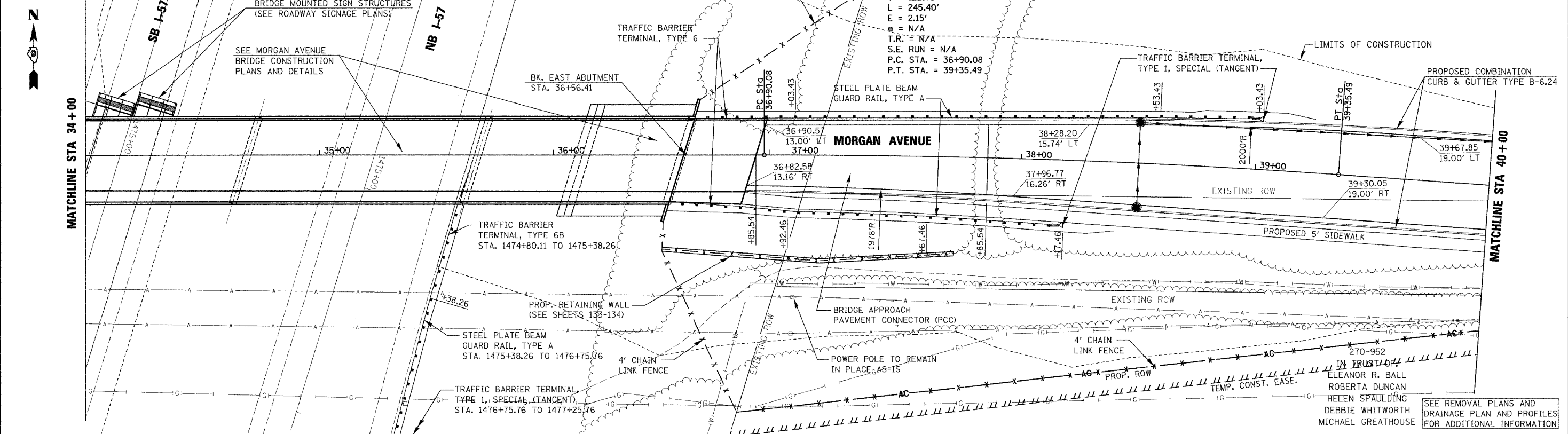
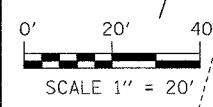
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NOTE BOOK	BY	
NO.		

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 USER NAME = sherrin



PLAN & PROFILE MORGAN AVENUE STA 28+00 TO 34+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9718	(X1-6-2)HBK	WILLIAMSON	272	41
STA. 34+00		TO STA. 40+00		
FED. ROAD DIST. NO. 9		ILLINOIS		FED. AID PROJECT



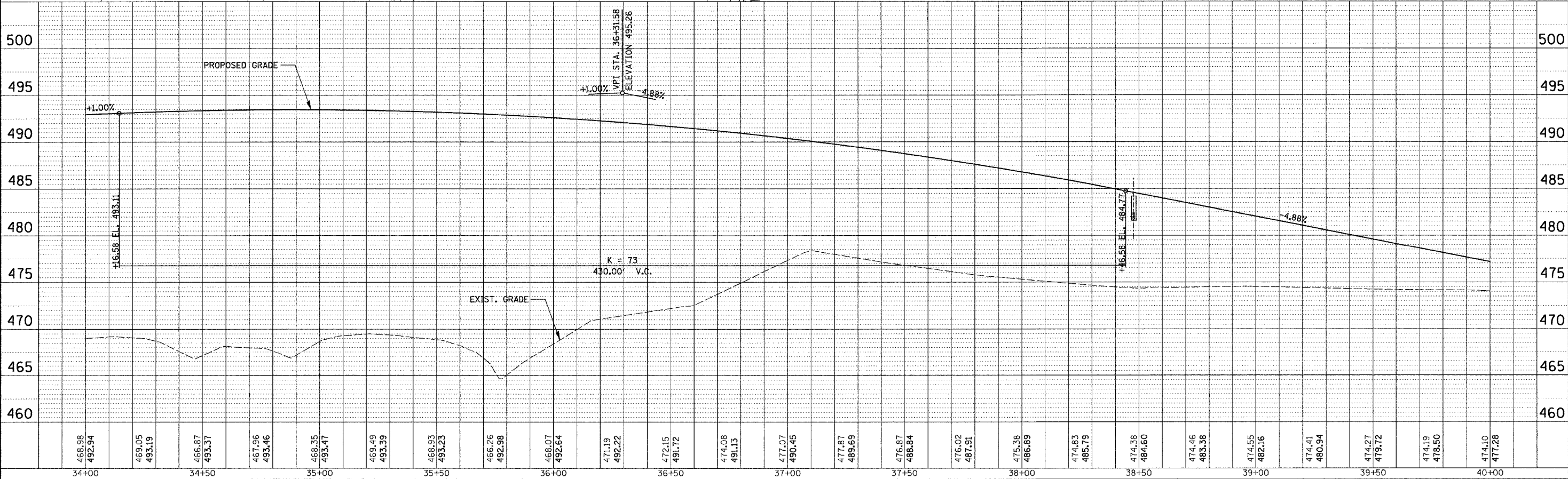
SEE REMOVAL PLANS AND DRAINAGE PLAN AND PROFILES FOR ADDITIONAL INFORMATION

ELEANOR R. BALL
ROBERTA DUNCAN
HELEN SPAULDING
DEBBIE WHITWORTH
MICHAEL GREATHOUSE

PLAN	DATE	BY
SURVEYED		
ALIGNED		
CHECKED		
NO.		

PROFILE	DATE	BY
SURVEYED		
GRADES		
CHECKED		
NO.		

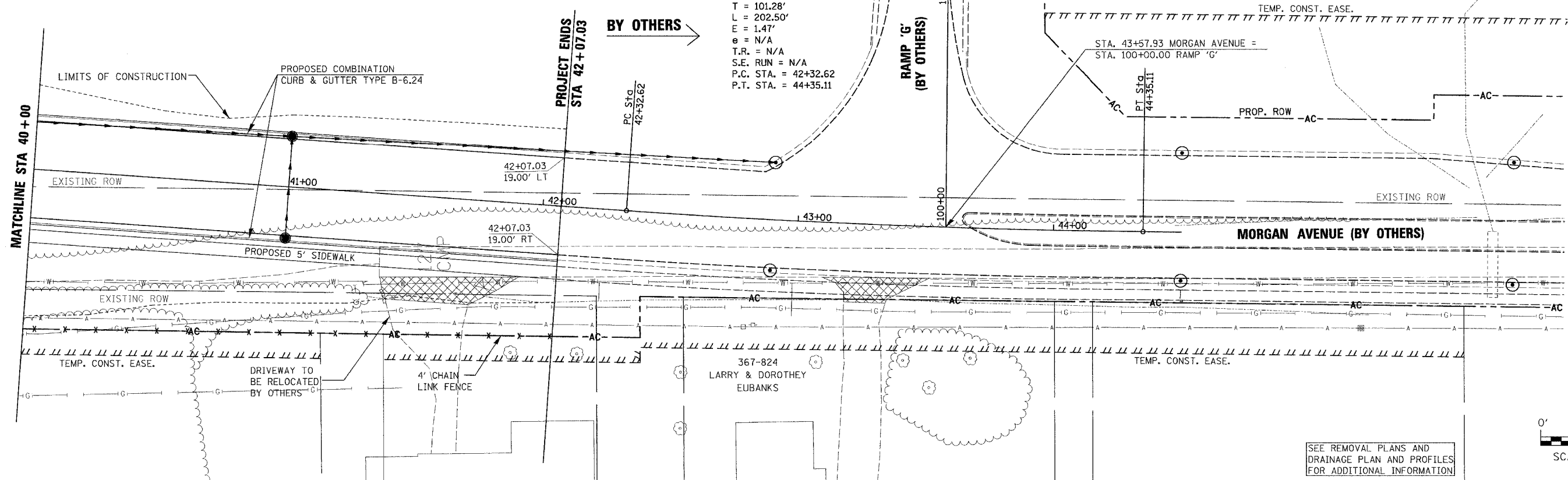
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USER NAME = dhoover



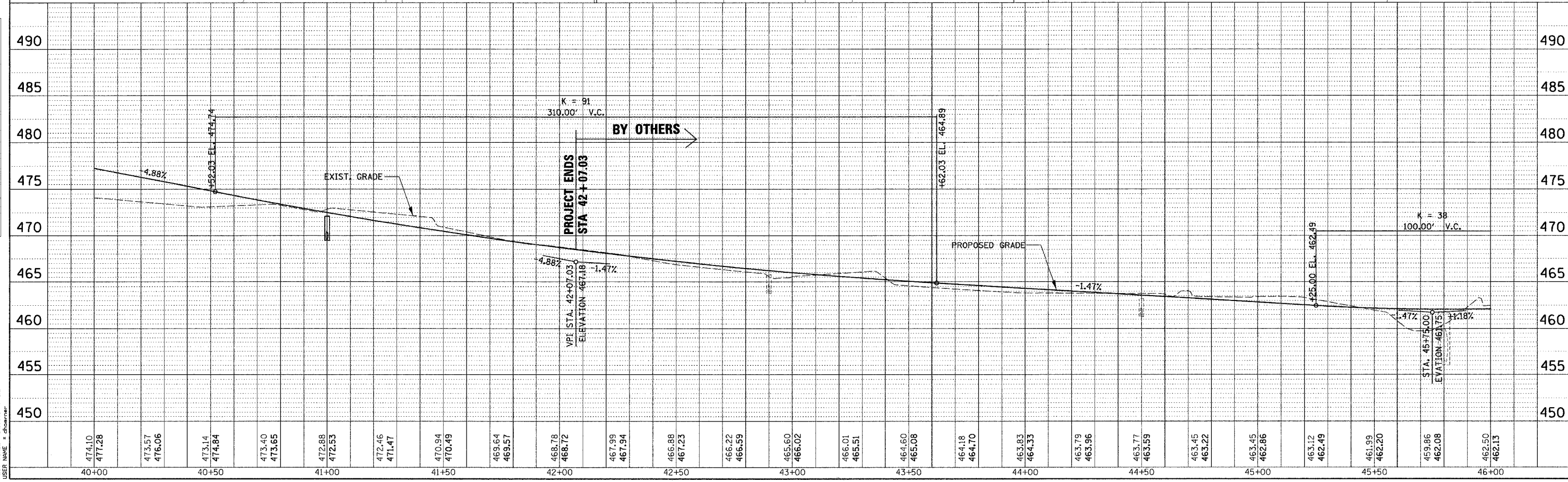
PLAN & PROFILE MORGAN AVENUE STA 34+00 TO 40+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9718	CX1-6-2HBK	WILLIAMSON	272	42
STA. 40+00		TO STA. 42+07.03		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		

PROP. CURVE P.MORG1-6
 PI STA. = 43+33.90
 $\Delta = 3^\circ 18' 54''$ (LT)
 $D = 1^\circ 38' 13''$
 $R = 3,500.00'$
 $L = 101.28'$
 $T = 202.50'$
 $e = 1.47'$
 $\epsilon = N/A$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 42+32.62$
 $P.T. STA. = 44+35.11$



SEE REMOVAL PLANS AND DRAINAGE PLAN AND PROFILES FOR ADDITIONAL INFORMATION



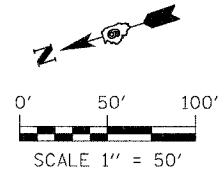
PLAN & PROFILE MORGAN AVENUE STA 40+00 TO 42+07.03

PLAN SURVEYED BY DATE
 NOTE BOOK NO. DATE
 ALIGNMENT CHECKED BY DATE
 P.T. OF WAY CHECKED BY DATE

PROFILE SURVEYED BY DATE
 NOTE BOOK NO. DATE
 GRADES CHECKED BY DATE
 PROFILES BY DATE

FILE DATE = 3/21/2007
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 USER NAME = chbarr

F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HKB	WILLIAMSON	272	43
STA. 386+00		TO STA. 416+00		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 386 + 00.00

MATCHLINE STA. 401 + 00.00

FAI RTE 57

EXISTING BIT. SHOULDER T.B.R. 234 SY

MATCHLINE STA. 401 + 00.00

MATCHLINE STA. 416 + 00.00

FAI RTE 57

EXISTING BIT. SHOULDER T.B.R. 739 SY

PAVED DITCH REMOVAL 54 LF

EXISTING BIT. SHOULDER T.B.R. 739 SY

CONST. LIMITS

GUARDRAIL T.B.R. UPON COMPLETION OF RAMP 4' EMBANKMENT 515 LF

PAVED DITCH REMOVAL 228 LF

FENCE REMOVAL 771 LF

TREE REMOVAL 1.62 ACRES

- LEGEND**
- ☒ ITEM TO BE REMOVED
 - ▨ ITEM TO BE REMOVED (STAGE III ONLY)
 - ⊗ TREE REMOVAL (ACRES)
 - ⊗ TREE REMOVAL (UNITS)

OTHER REMOVAL ITEMS INCLUDED IN:
 PAVEMENT MARKING PLANS
 ROADWAY SIGNAGE PLANS
 ROADWAY LIGHTING PLANS

REVISIONS

DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

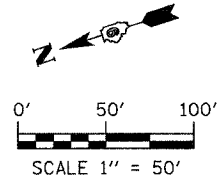
REMOVAL PLAN
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 971B
 WILLIAMSON COUNTY

1 OF 5

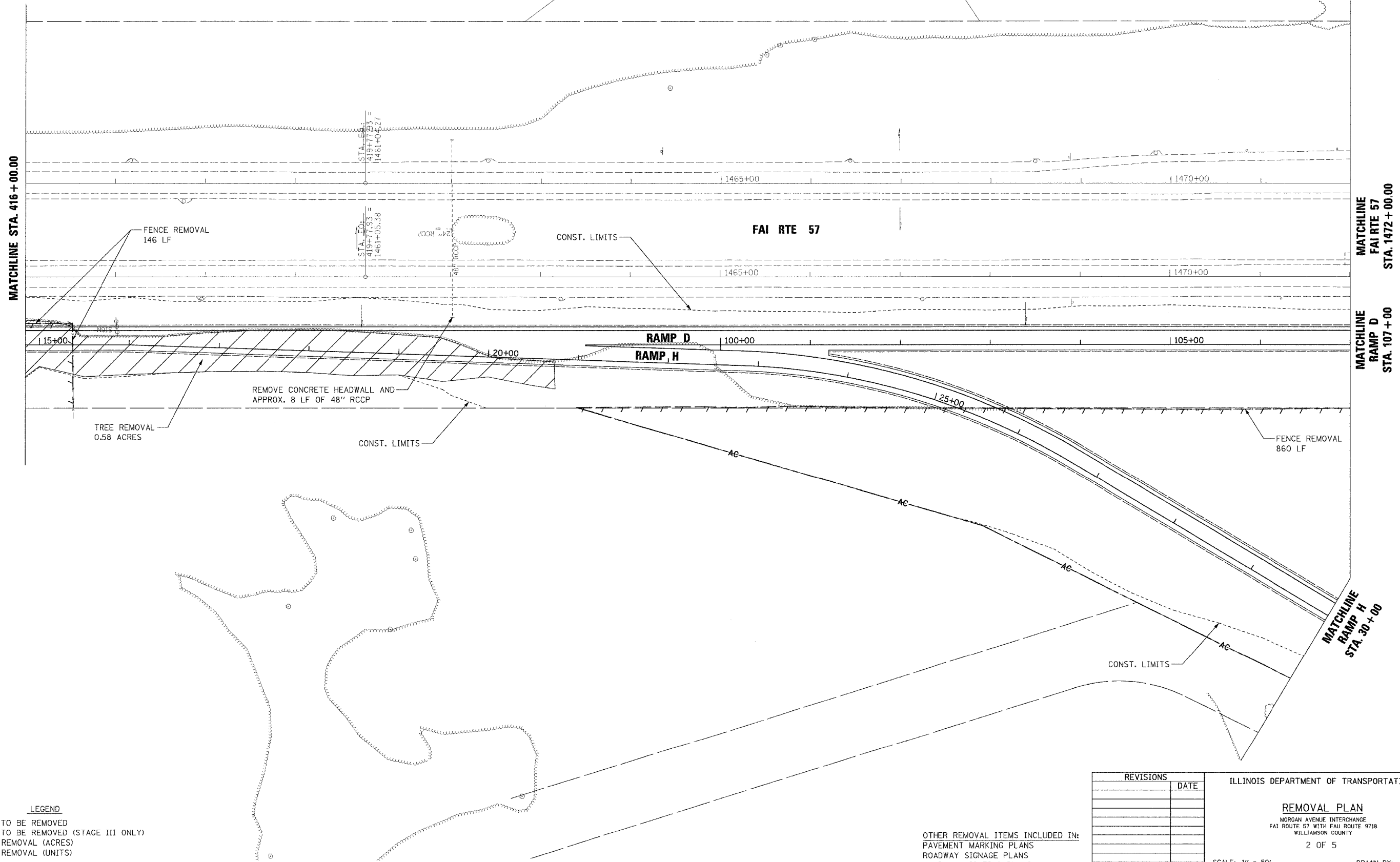
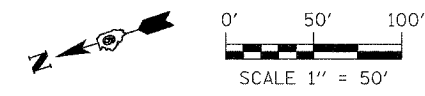
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 DATE: 3-19-2007

DRAWN BY: MJ
 CHECKED BY: RD

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 USER NAME = dbeeman



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2H8K	WILLIAMSON	272	44
STA. 416+00		TO STA. 1472+00		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



PLOT DATE = 3/19/2007
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 USER NAME = cherner

- LEGEND**
- ☒ ITEM TO BE REMOVED
 - ☒ ITEM TO BE REMOVED (STAGE III ONLY)
 - ☒ TREE REMOVAL (ACRES)
 - ☒ TREE REMOVAL (UNITS)

OTHER REMOVAL ITEMS INCLUDED IN:
 PAVEMENT MARKING PLANS
 ROADWAY SIGNAGE PLANS
 ROADWAY LIGHTING PLANS

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

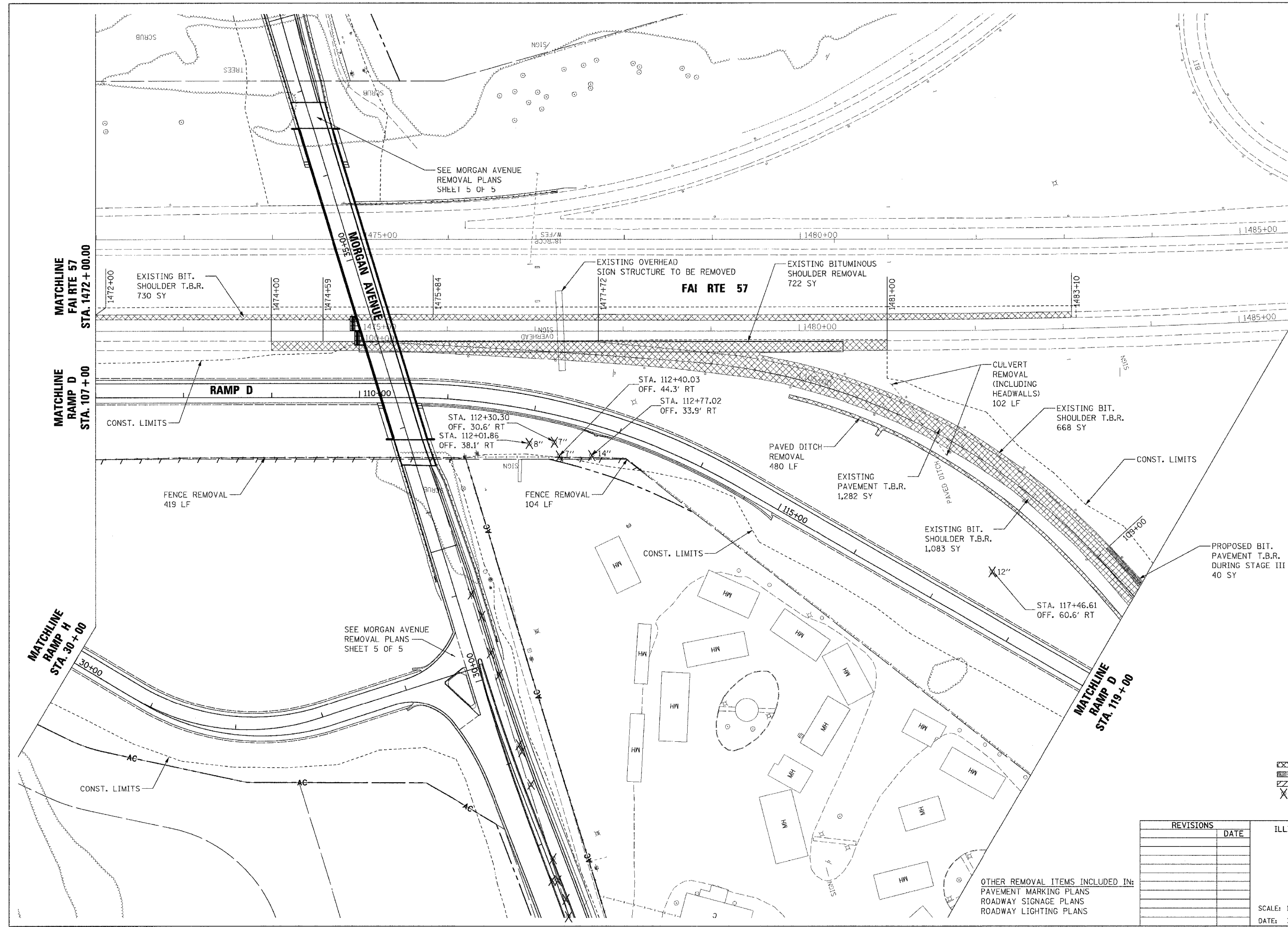
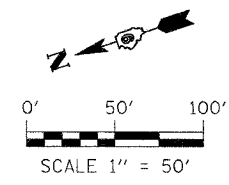
REMOVAL PLAN
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY

2 OF 5

SCALE: 1" = 50'
 DATE: 3-19-2007

DRAWN BY: MJ
 CHECKED BY: RD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HBK	WILLIAMSON	272	45
STA. 107+00		TO STA. 119+00		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				



LEGEND

- ITEM TO BE REMOVED
- ITEM TO BE REMOVED (STAGE III ONLY)
- TREE REMOVAL (ACRES)
- TREE REMOVAL (UNITS)

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAI ROUTE 9718
 WILLIAMSON COUNTY
 3 OF 5

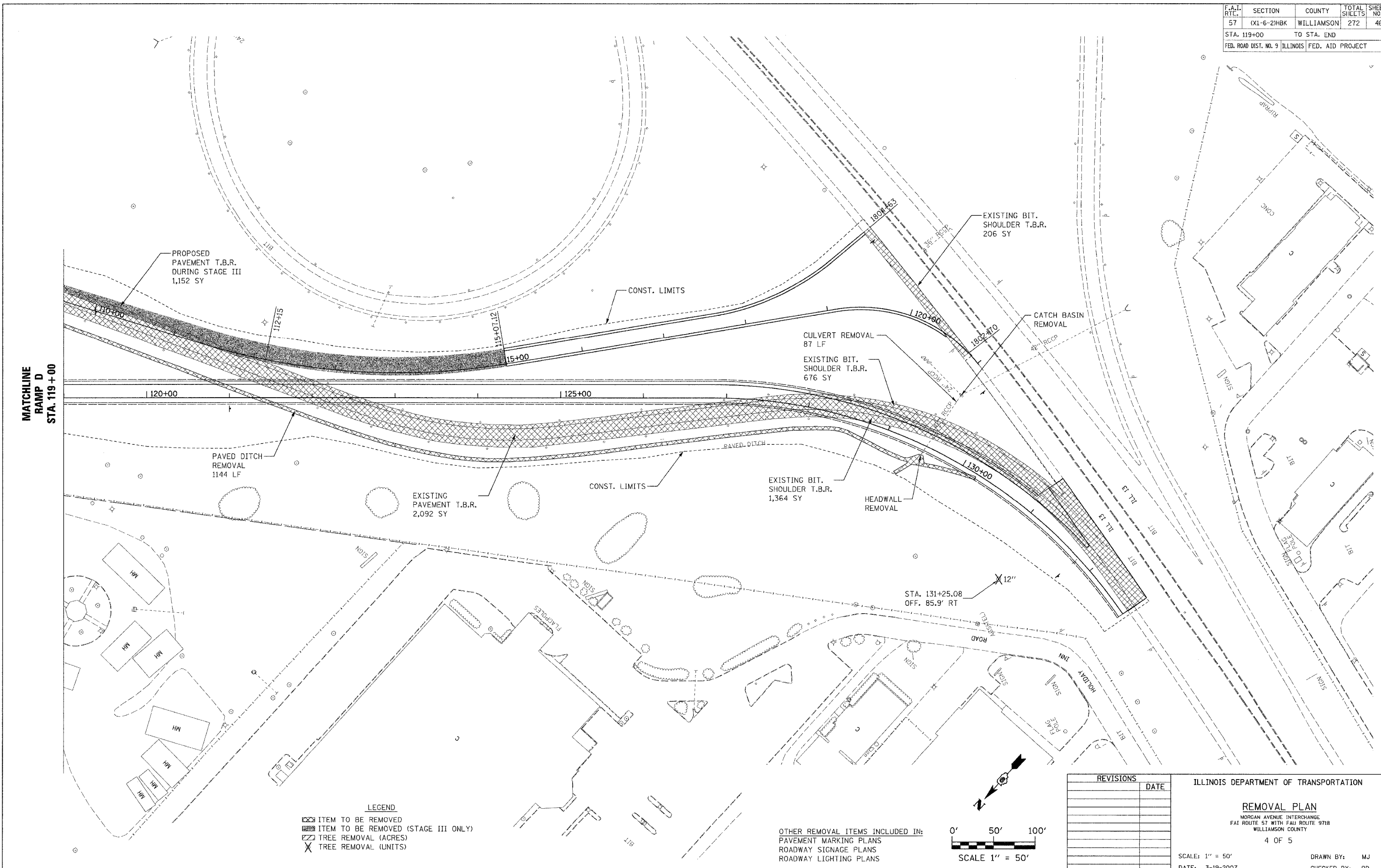
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 DATE: 3-19-2007

DRAWN BY: MJ
 CHECKED BY: RD

OTHER REMOVAL ITEMS INCLUDED IN:
 PAVEMENT MARKING PLANS
 ROADWAY SIGNAGE PLANS
 ROADWAY LIGHTING PLANS

PLOT DATE = 3/19/2007
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 USER NAME = dchiermer

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	46
STA. 119+00		TO STA. END		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		

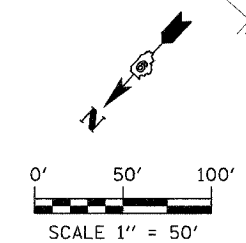


MATCHLINE
RAMP D
STA. 119 + 00

LEGEND

	ITEM TO BE REMOVED
	ITEM TO BE REMOVED (STAGE III ONLY)
	TREE REMOVAL (ACRES)
	TREE REMOVAL (UNITS)

OTHER REMOVAL ITEMS INCLUDED IN:
PAVEMENT MARKING PLANS
ROADWAY SIGNAGE PLANS
ROADWAY LIGHTING PLANS



REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
MORGAN AVENUE INTERCHANGE
FAT ROUTE 57 WITH FAJ ROUTE 9718
WILLIAMSON COUNTY

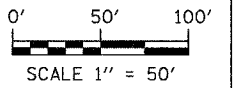
4 OF 5

SCALE: 1" = 50'
DATE: 3-19-2007

DRAWN BY: MJ
CHECKED BY: RD

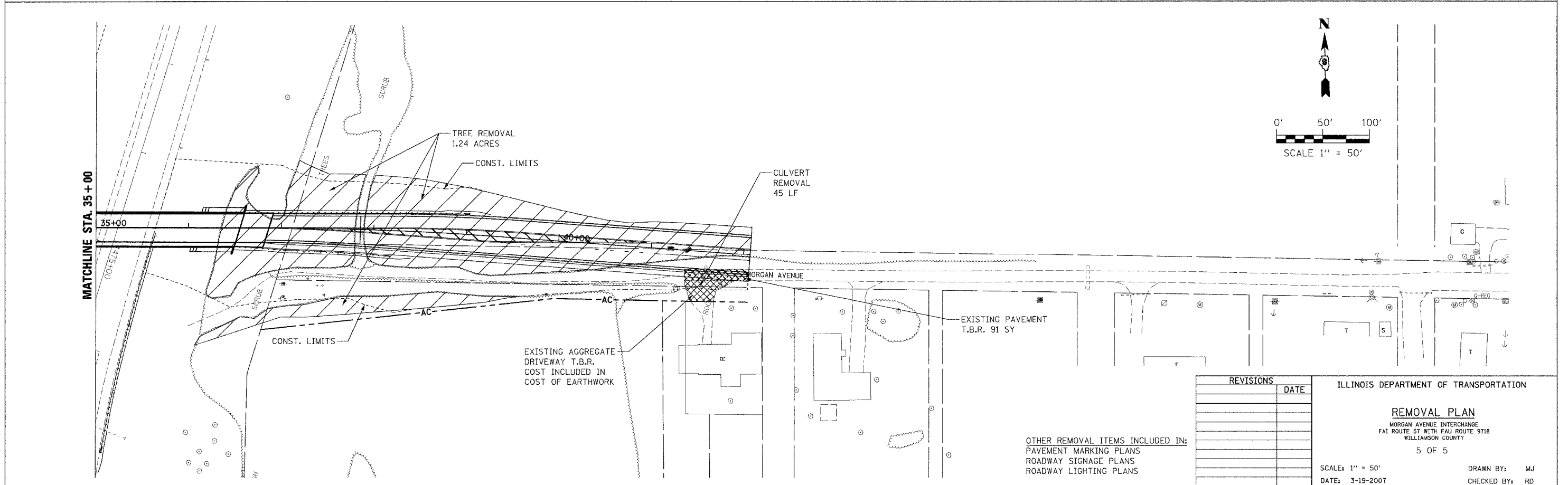
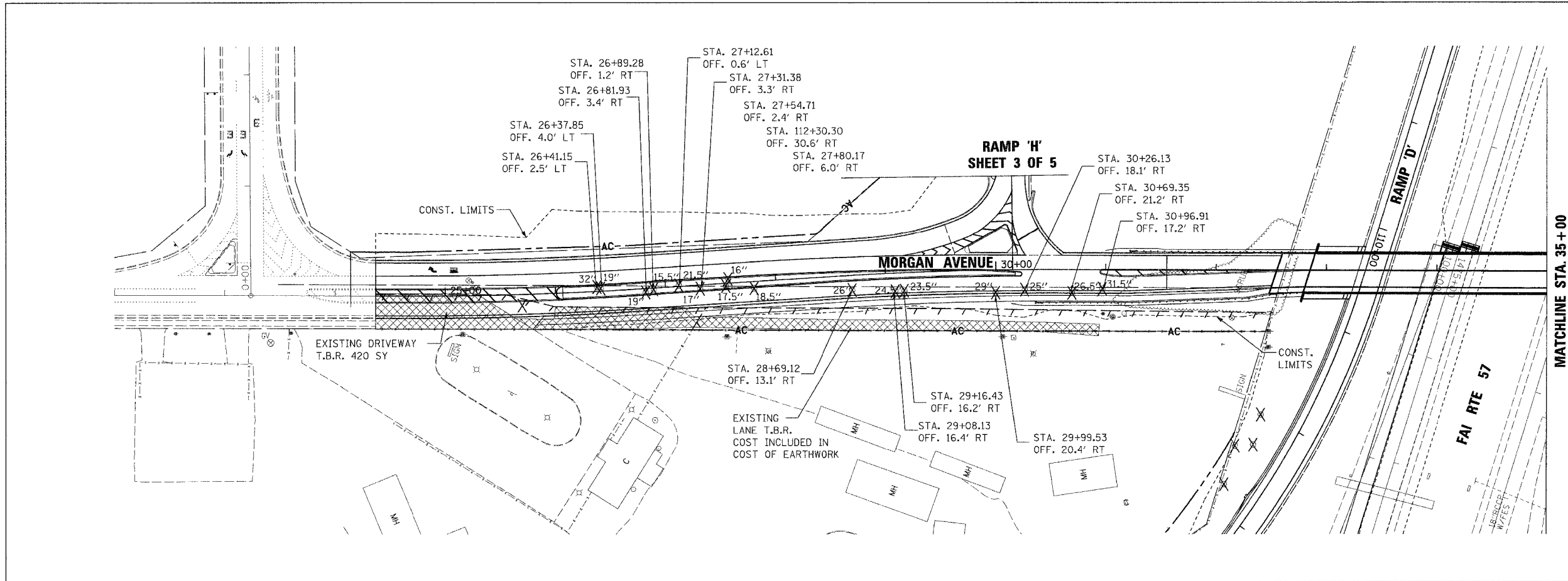
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 USER NAME = dhaermer

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9718	0X1-6-2H8K	WILLIAMSON	272	47
STA.	TO STA.			
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				



LEGEND

- ITEM TO BE REMOVED
- ITEM TO BE REMOVED (STAGE III ONLY)
- TREE REMOVAL (ACRES)
- TREE REMOVAL (UNITS)



PLOT DATE = 3/19/2007
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 USER NAME = dhesnar

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY

5 OF 5

SCALE: 1" = 50'
 DATE: 3-19-2007

DRAWN BY: MJ
 CHECKED BY: RD

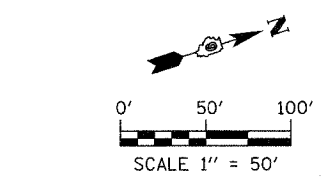
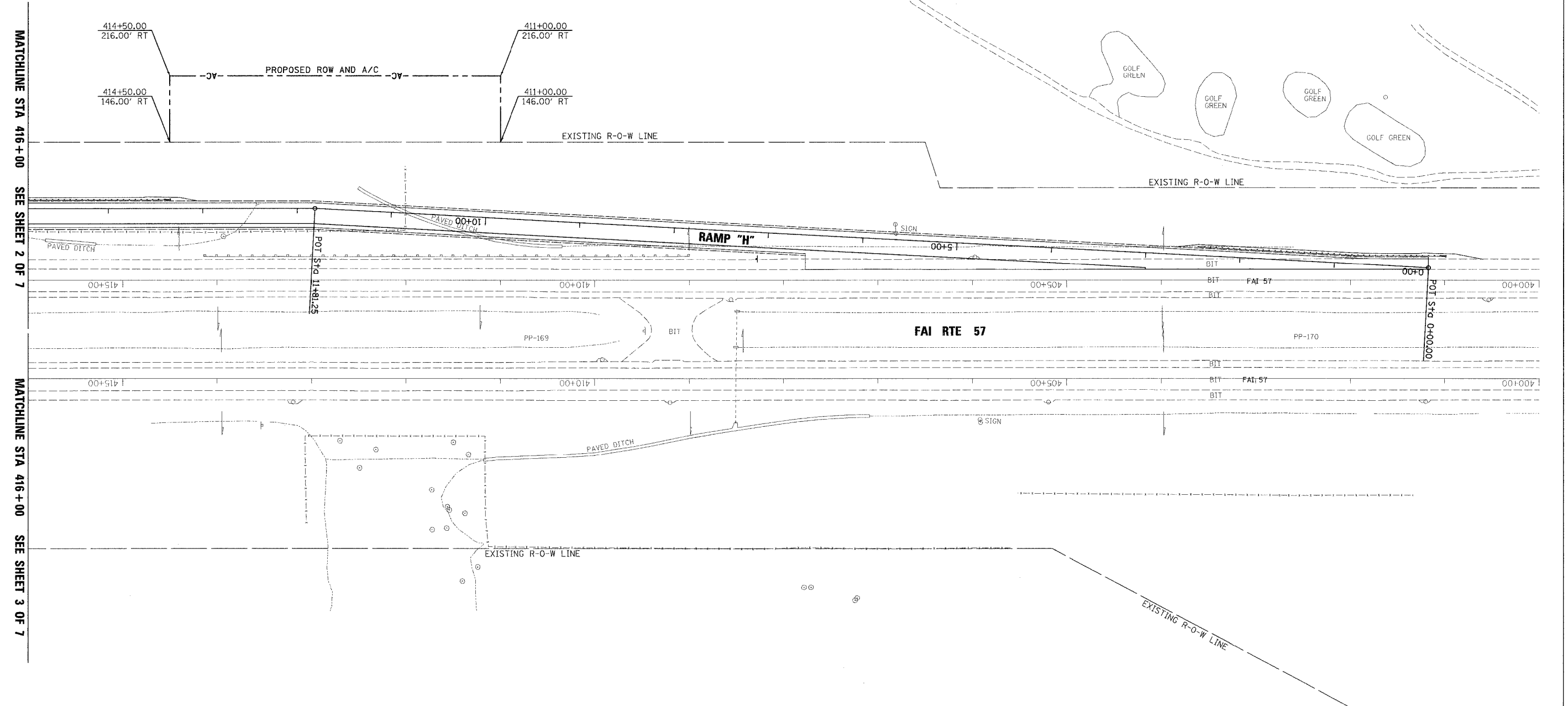
OTHER REMOVAL ITEMS INCLUDED IN:
 PAVEMENT MARKING PLANS
 ROADWAY SIGNAGE PLANS
 ROADWAY LIGHTING PLANS

F.A. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	48

PARCEL NO. 9015406
 OWNER ELIZABETH ANN DEATON
 R.O.W. 0.562 AC
 T.E. N/A

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

9015406
 ELIZABETH ANN DEATON



RIGHT OF WAY PLANS
 ROUTE FAI ROUTE 57 AND FAU 9718
 SECTION (X1-6-2)HBK
 PROJECT
 COUNTY WILLIAMSON
 JOB NO. C-99-012-07
 STA 0+00 TO STA 416+00
 SCALE 1: 1"=50'

SHEET NO. 1 OF 7

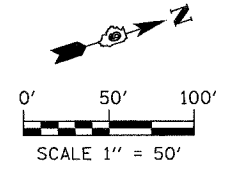
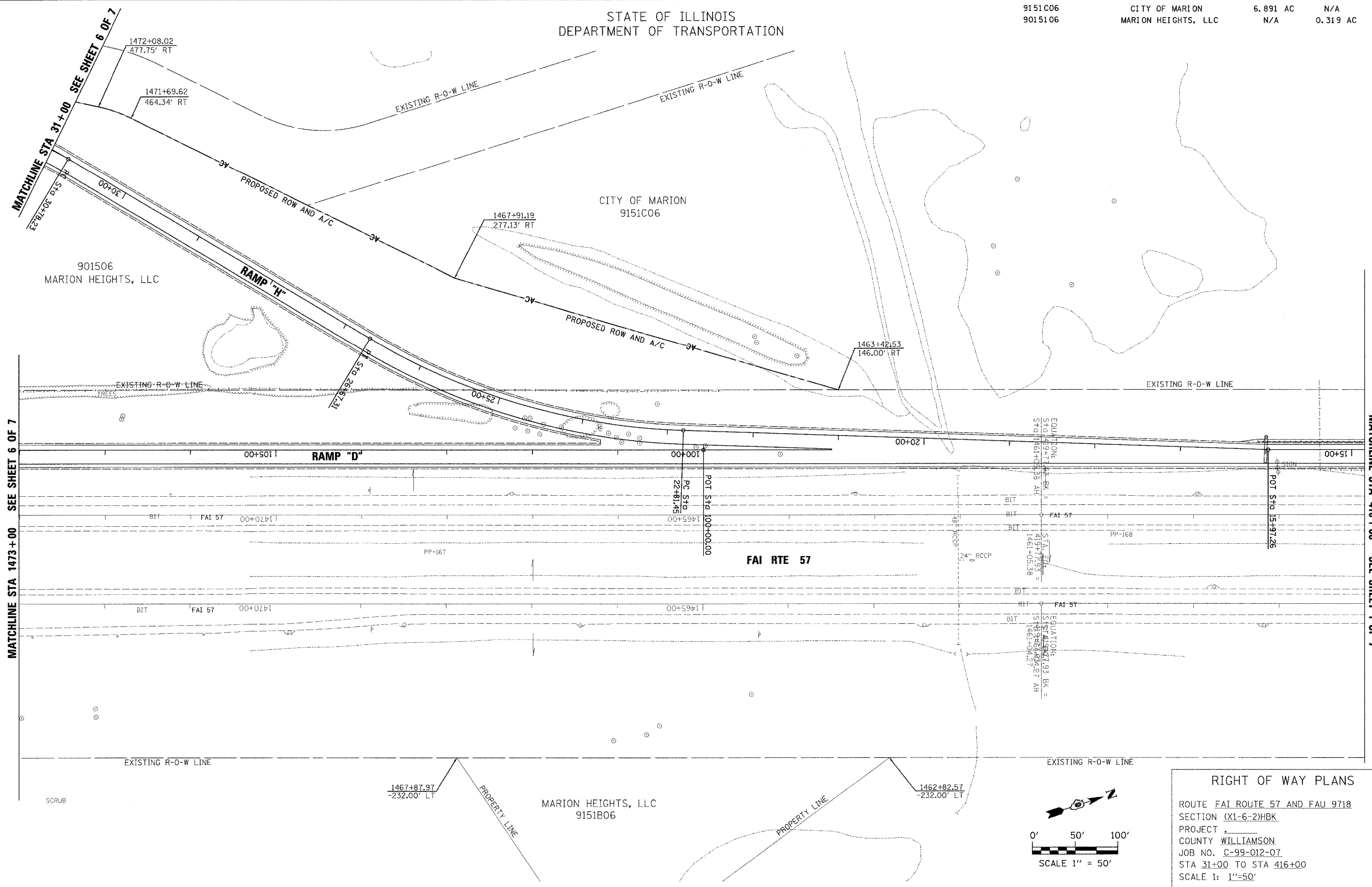
RIGHT OF WAY

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F.A. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	49
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PARCEL NO. 9151C06
 OWNER CITY OF MARION
 R.O.W. 6.891 AC
 T.E. N/A
 9015106 MARION HEIGHTS, LLC N/A 0.319 AC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



RIGHT OF WAY PLANS
 ROUTE FAI ROUTE 57 AND FAU 9718
 SECTION (X1-6-2)HBK
 PROJECT _____
 COUNTY WILLIAMSON
 JOB NO. C-99-012-07
 STA 31+00 TO STA 416+00
 SCALE 1: 1"=50'
 SHEET NO. 2 OF 7

RIGHT OF WAY

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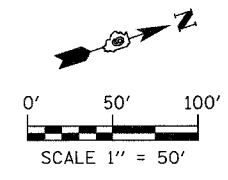
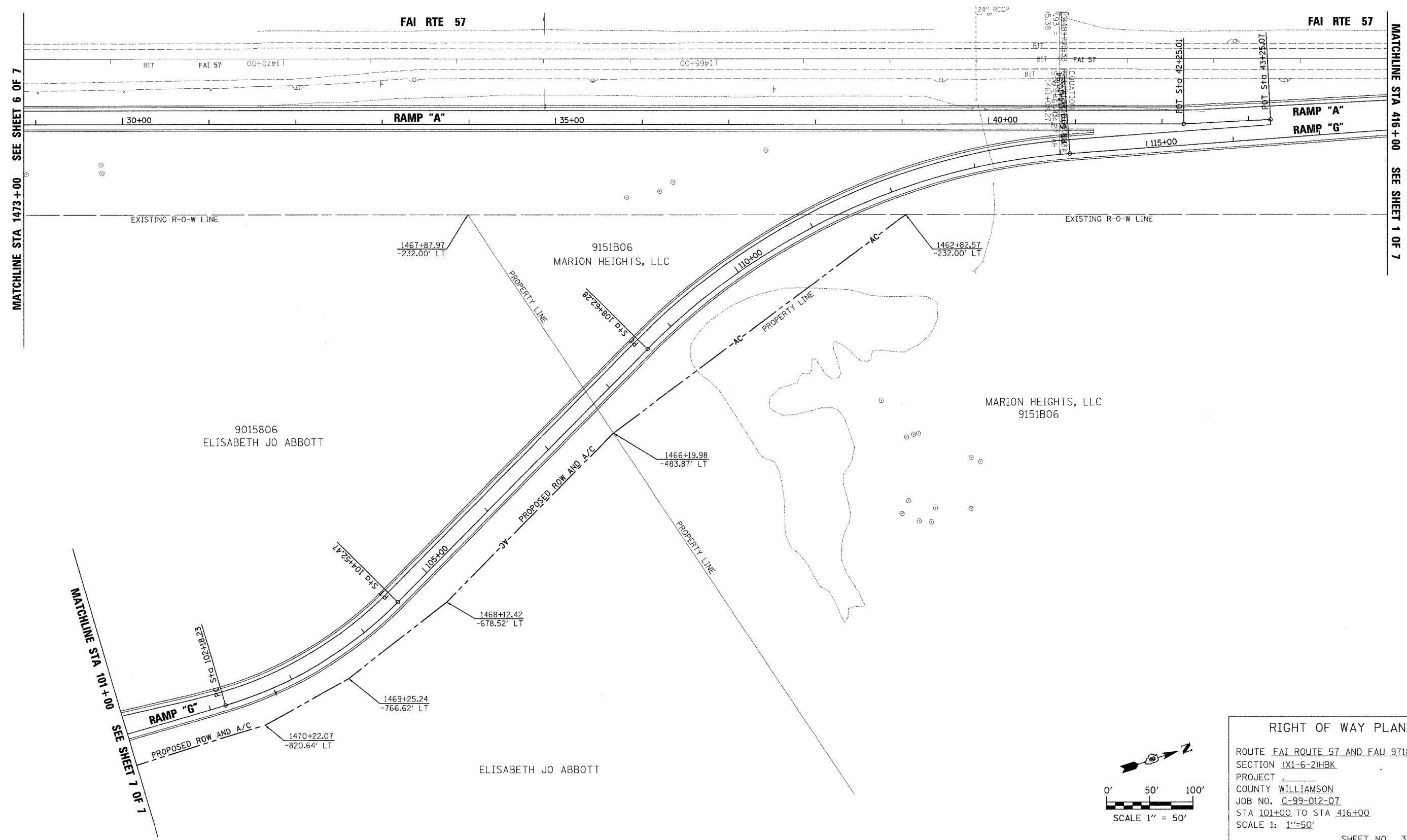
MATCHLINE STA 1473+00 SEE SHEET 6 OF 7

MATCHLINE STA 416+00 SEE SHEET 1 OF 7

F.A. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	50
FED. ROAD DIST. NO.	ALLIANCE	FED. AID PROJECT		

PARCEL NO.	OWNER	R.O.W.	T.E.
9151B06	MARION HEIGHTS, LLC	1.461 AC	N/A
9015806	ELISABETH JO ABBOTT	8.719 AC	N/A

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



RIGHT OF WAY PLANS
 ROUTE FAI ROUTE 57 AND FAU 9718
 SECTION (X1-6-2)HBK
 PROJECT _____
 COUNTY WILLIAMSON
 JOB NO. C-99-012-07
 STA 101+00 TO STA 416+00
 SCALE 1: 1"=50'
 SHEET NO. 3 OF 7

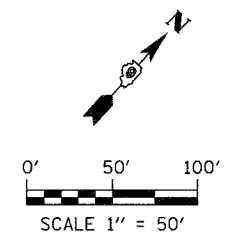
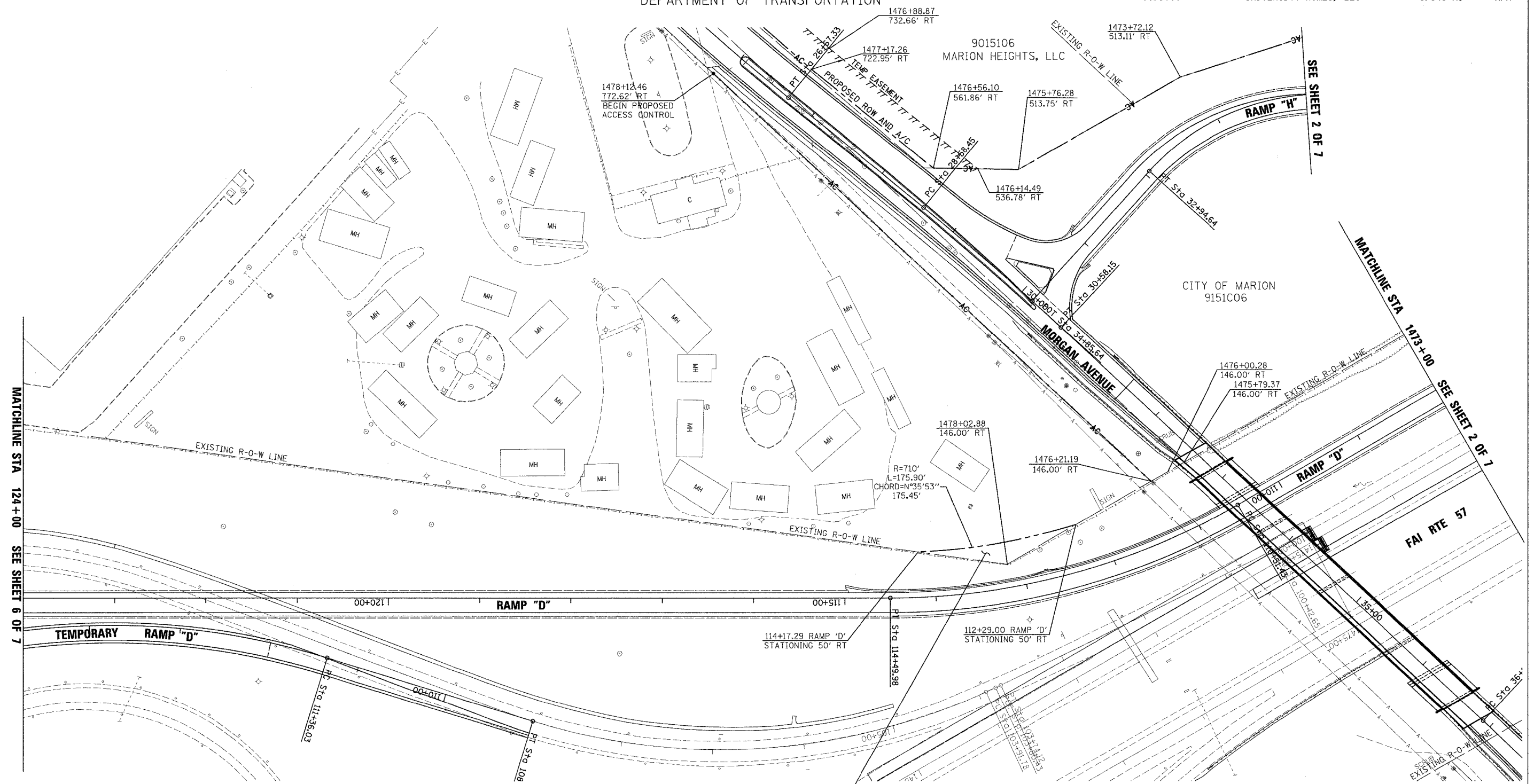
RIGHT OF WAY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	51
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PARCEL NO.	OWNER	R.O.W.	T.E.
9015106	MARION HEIGHTS, LLC	N/A	0.319 AC
9151C06	CITY OF MARION	6.891 AC	N/A
9015006	UNIVERSITY HOMES, LLC	0.046 AC	N/A

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



RIGHT OF WAY PLANS
 ROUTE FAI ROUTE 57 AND FAU 9718
 SECTION (X1-6-2)HBK
 PROJECT _____
 COUNTY WILLIAMSON
 JOB NO. C-99-012-07
 STA 1473+00 TO STA 124+00
 SCALE 1: 1"=50'
 SHEET NO. 4 OF 7

RIGHT OF WAY

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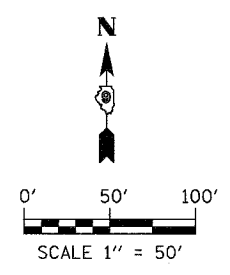
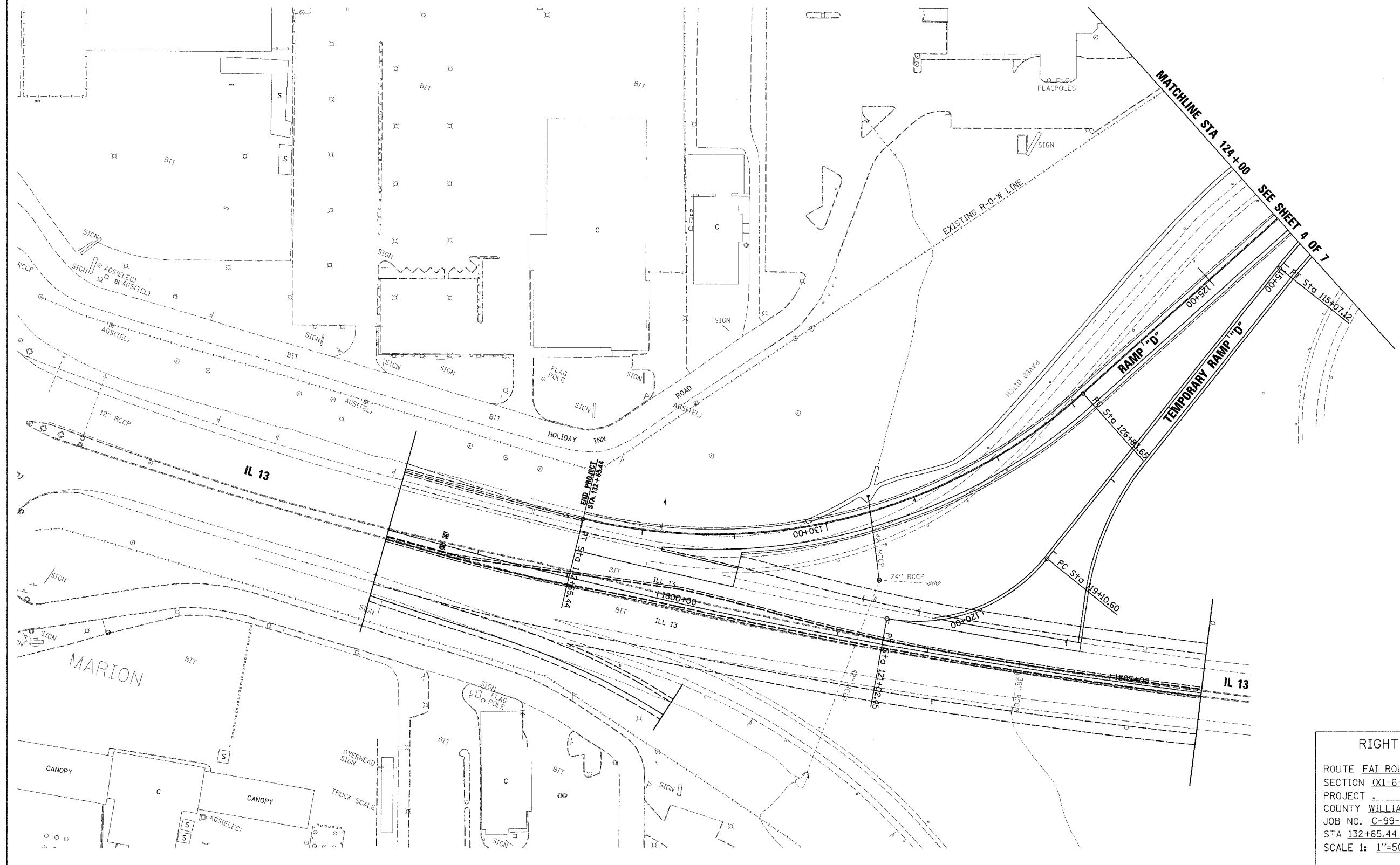
F.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	EX1-6-2)HBK	WILLIAMSON	272	52
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PARCEL NO. 000
OWNER xxx

CONTRACT NO. 98994

R.O.W. 0.000
T.E. 0.000

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



RIGHT OF WAY PLANS
 ROUTE FAI ROUTE 57 AND FAU 9718
 SECTION (X1-6-2)HBK
 PROJECT _____
 COUNTY WILLIAMSON
 JOB NO. C-99-012-07
 STA 132+65.44 TO STA 124+00
 SCALE 1: 1"=50'
 SHEET NO. 5 OF 7

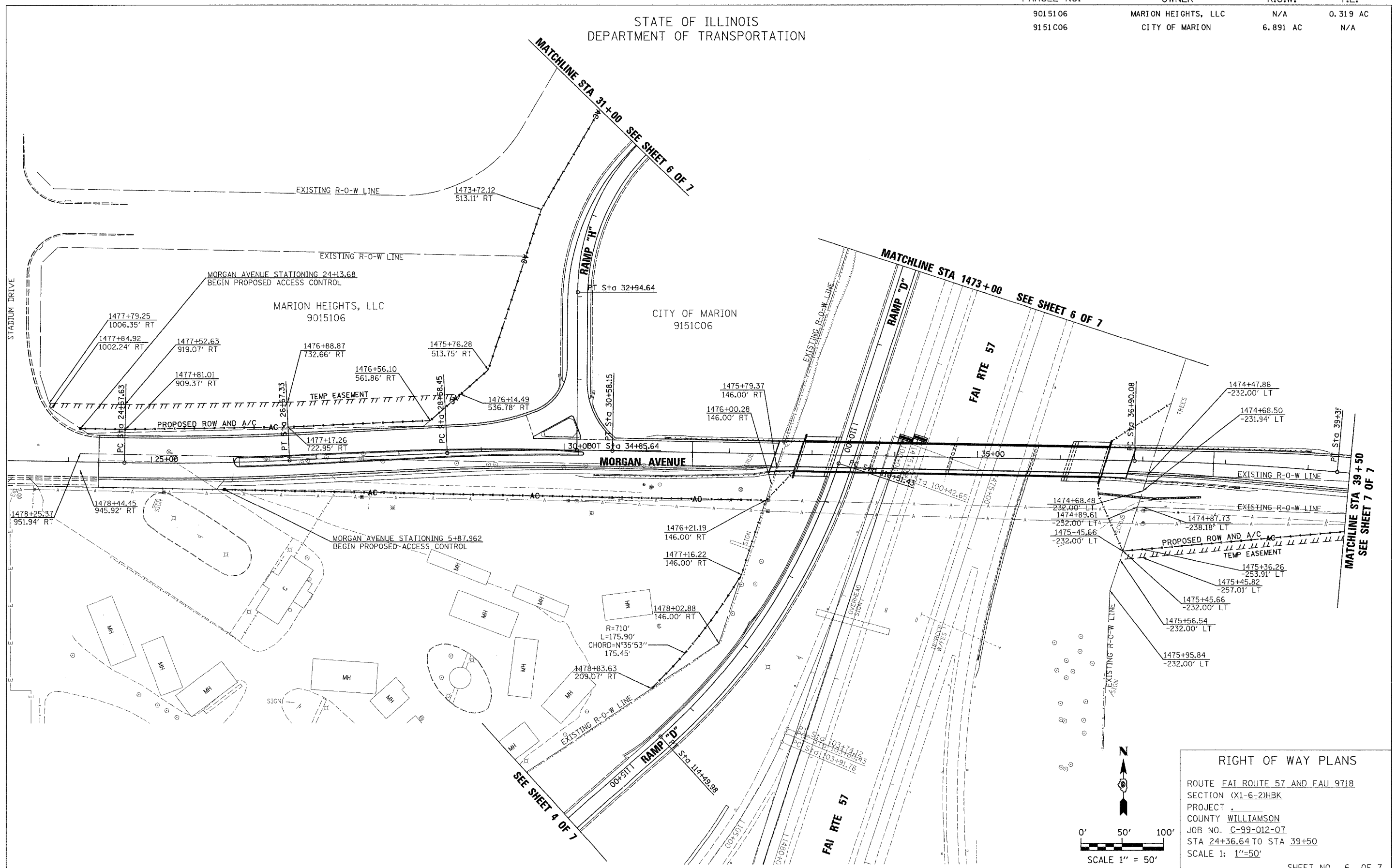
RIGHT OF WAY

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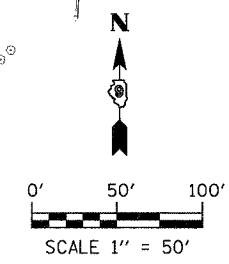
F.A. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	X1-6-2HKB	WILLIAMSON	272	53
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PARCEL NO.	CONTRACT NO. 98994	OWNER	R.O.W.	T.E.
9015106	MARION HEIGHTS, LLC	N/A	0.319 AC	
9151C06	CITY OF MARION	6.891 AC	N/A	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



RIGHT OF WAY PLANS
ROUTE FAI ROUTE 57 AND FAU 9718
SECTION X1-6-2HKB
PROJECT _____
COUNTY WILLIAMSON
JOB NO. C-99-012-07
STA 24+36.64 TO STA 39+50
SCALE 1: 1"=50'
SHEET NO. 6 OF 7

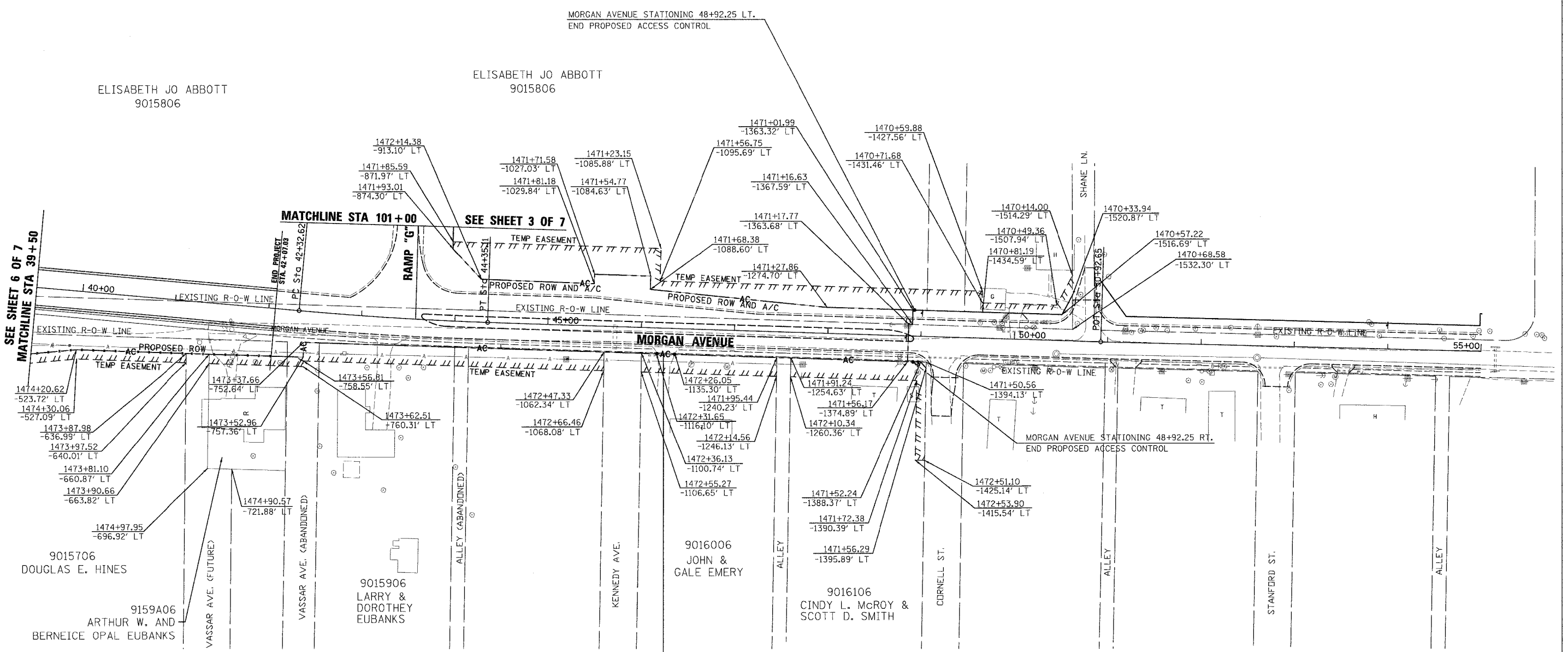


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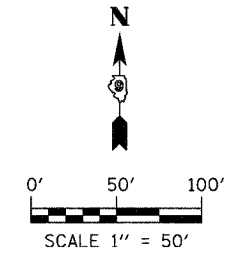
RIGHT OF WAY

PARCEL NO.	OWNER	R.O.W.	T.E.
9015906	LARRY & DOROTHEY EUBANKS	0.826 AC	EXISTING
9015806	ELISABETH JO ABBOTT	8.719 AC	0.340 AC
9015706	DOUGLAS E. HINES	0.294 AC	0.100 AC
9016006	JOHN & GALE EMERY	EXISTING	EXISTING
9016106	CINDY L. McROY & SCOTT D. SMITH	EXISTING	EXISTING
9159A06	ARTHUR W. AND BERNEICE OPAL EUBANKS	EXISTING	EXISTING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ACCESS CONTROL BREAK - LIMITED TO ONE SINGLE FAMILY RESIDENCE ONLY. MORGAN AVENUE STATION 46+29 RT.



RIGHT OF WAY PLANS
ROUTE FAI ROUTE 57 AND FAU 9718
SECTION (X1-6-2)HBK
PROJECT _____
COUNTY WILLIAMSON
JOB NO. C-99-012-07
STA 39+50 TO STA 42+07.03
SCALE 1: 1"=50'

RIGHT OF WAY

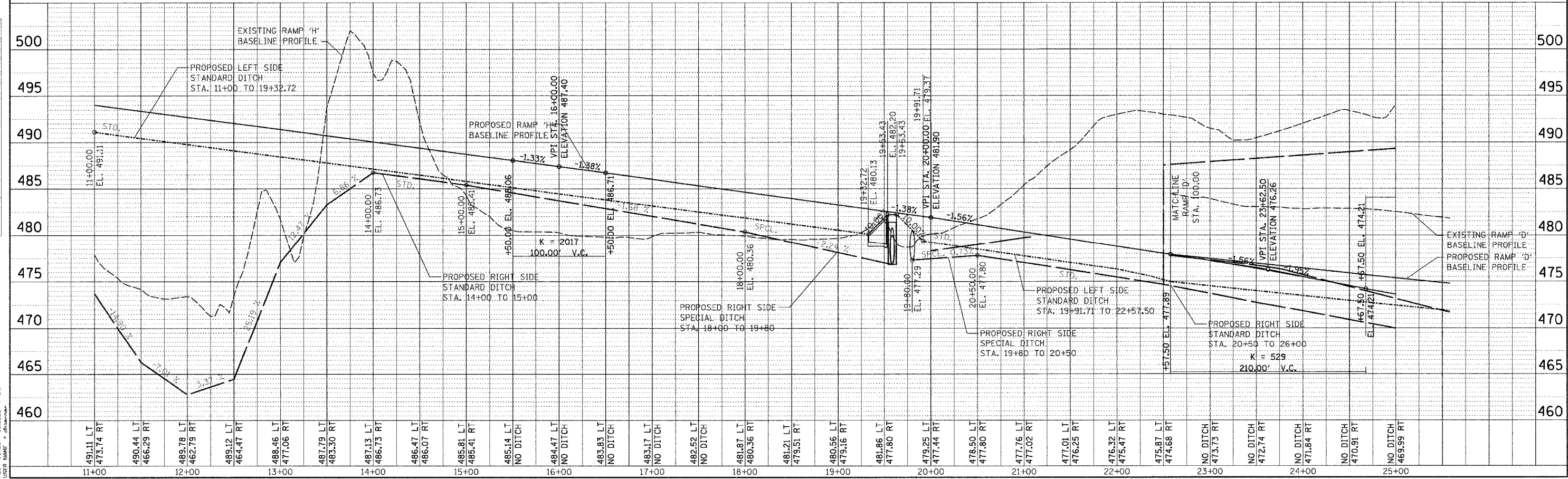
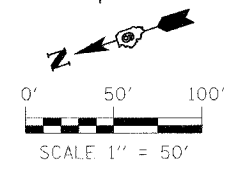
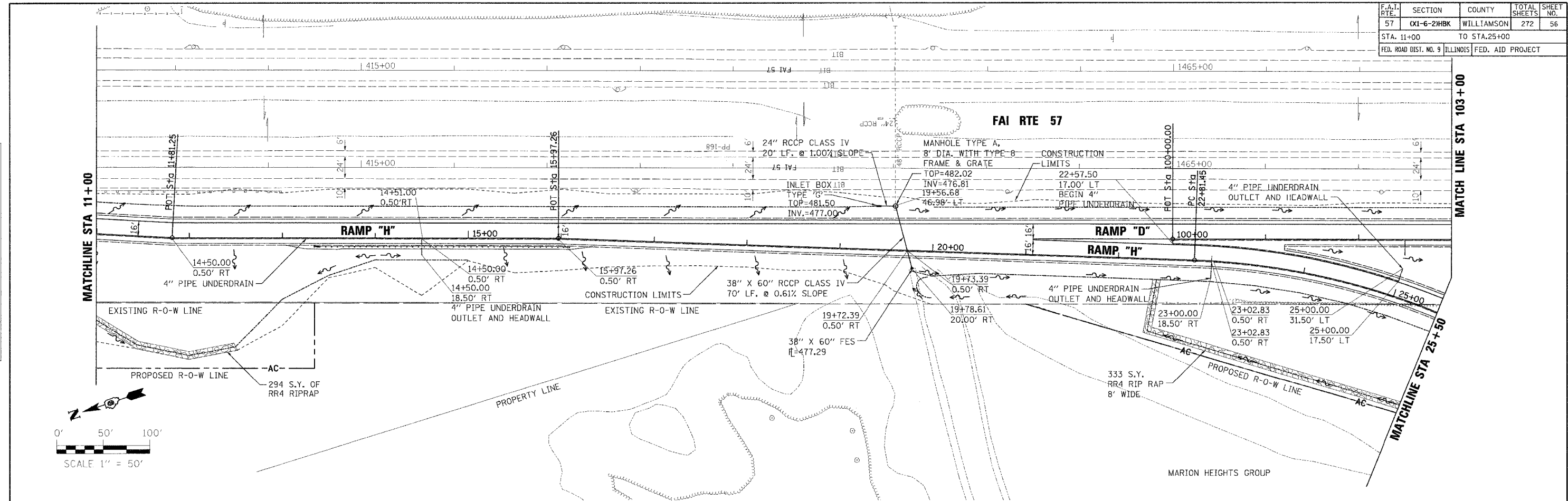
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USER NAME = dhoarner

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	01-6-2/HBK	WILLIAMSON	272	56
STA. 11+00		TO STA. 25+00		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		

DATE	BY

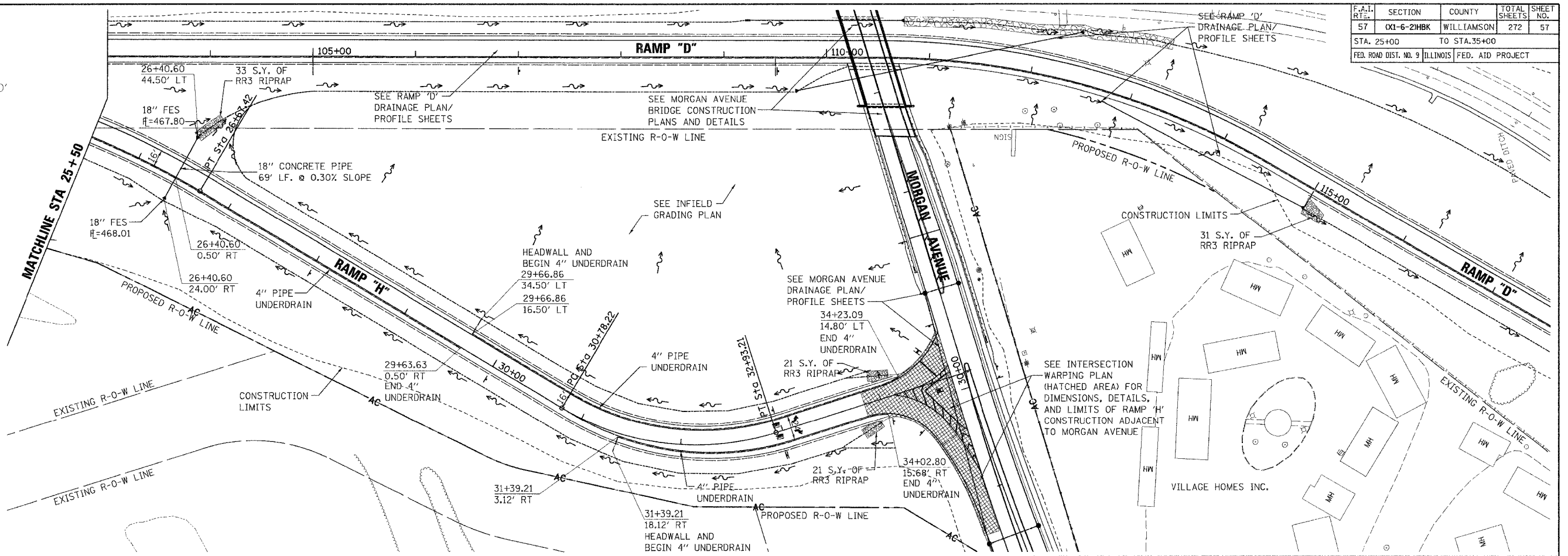
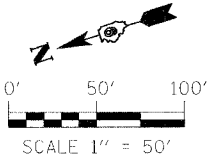
DATE	BY

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RAMP "H" DRAINAGE PLAN & PROFILE STA 11+00 TO 25+00

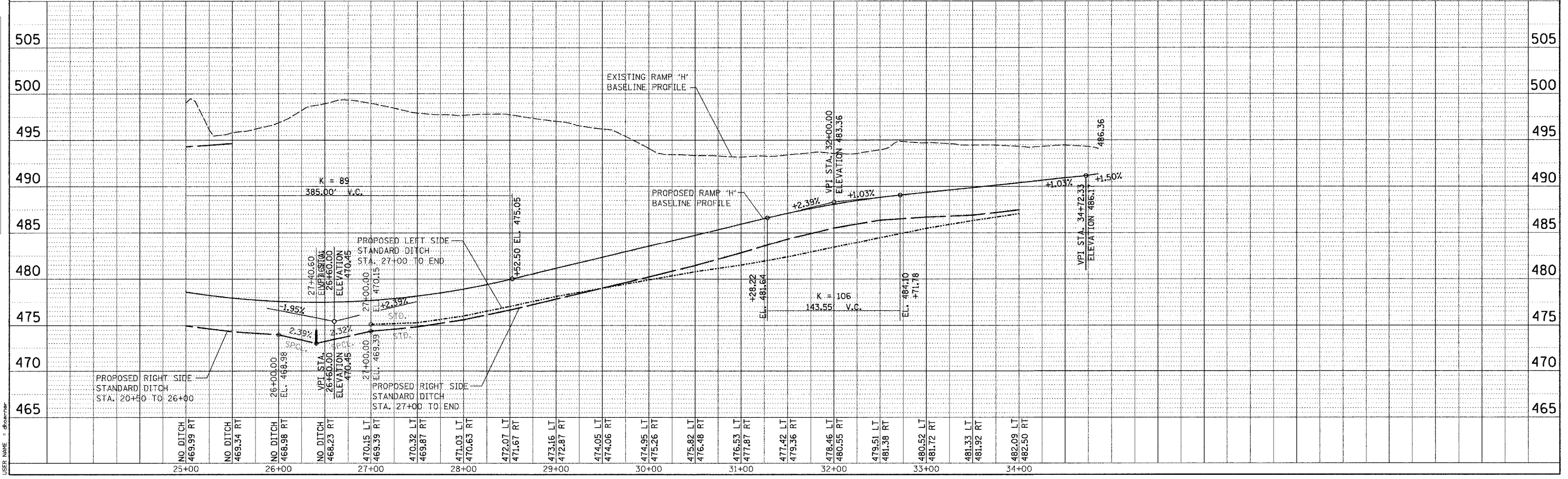
F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2H8K	WILLIAMSON	272	57
STA. 25+00		TO STA. 35+00		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				



DATE	BY	REVISION

DATE	BY	REVISION

PLOT DATE = 3/21/2007
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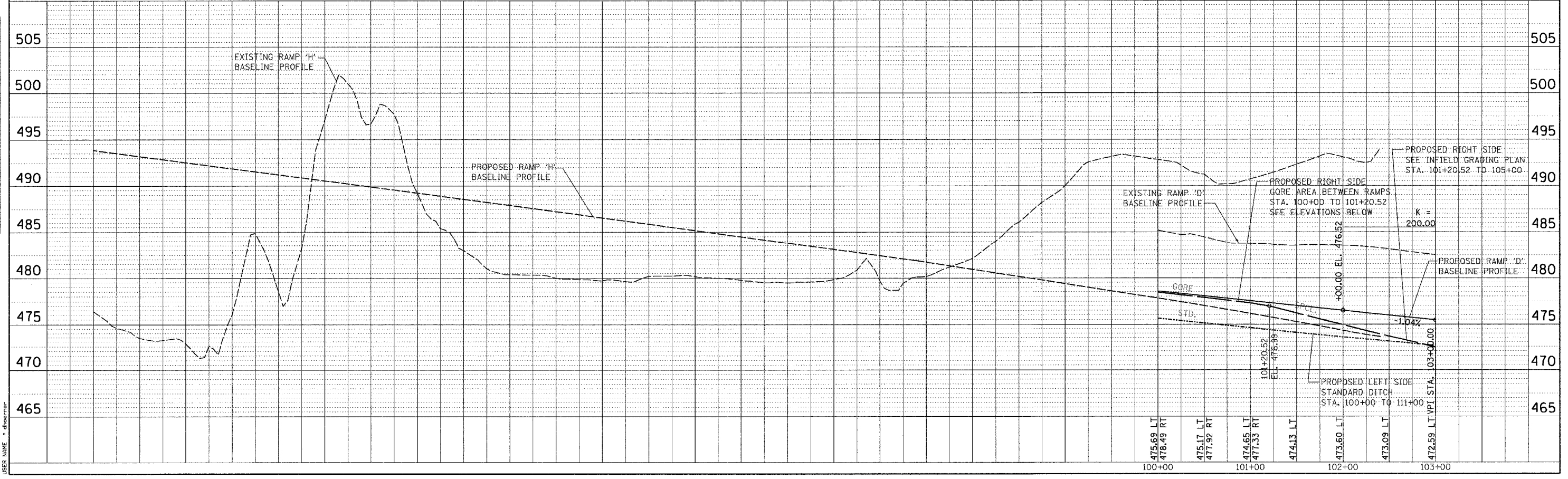
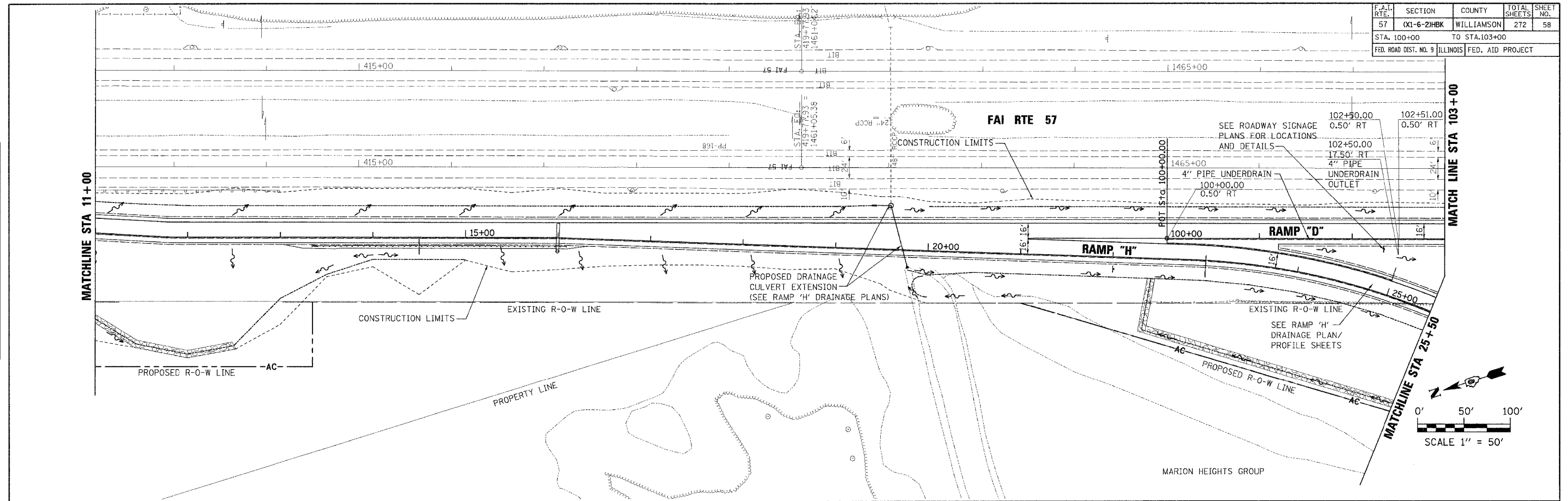
RAMP "H" DRAINAGE PLAN & PROFILE STA 25+00 TO 35+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HKB	WILLIAMSON	272	58
STA. 100+00		TO STA. 103+00		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		

DATE	BY	REVISION

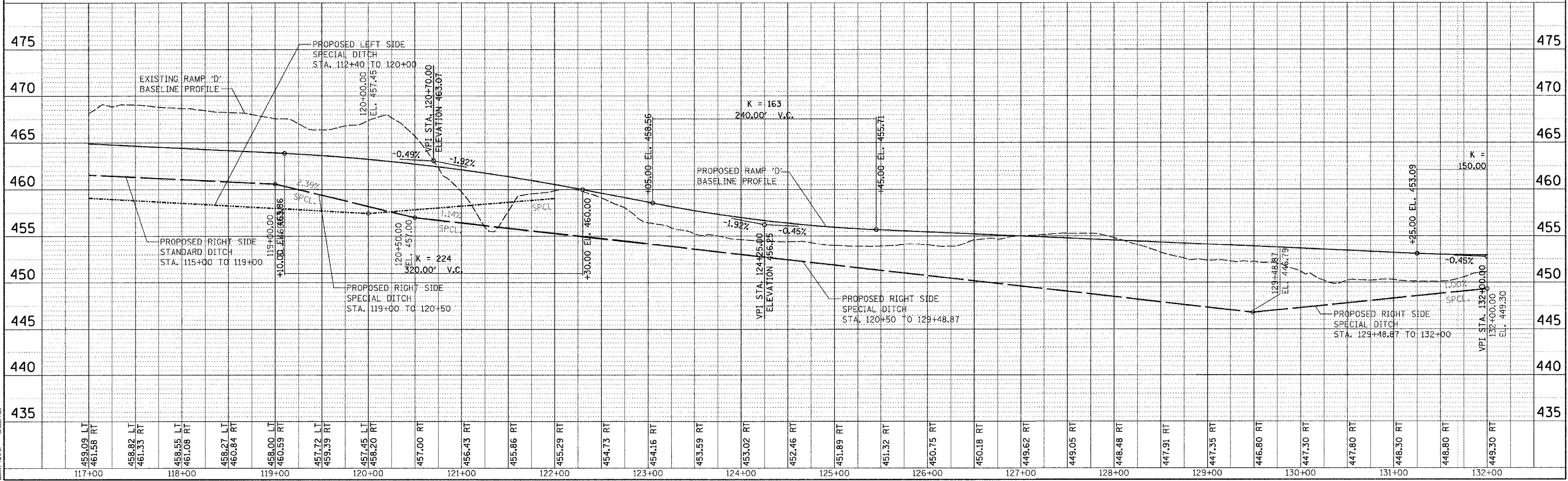
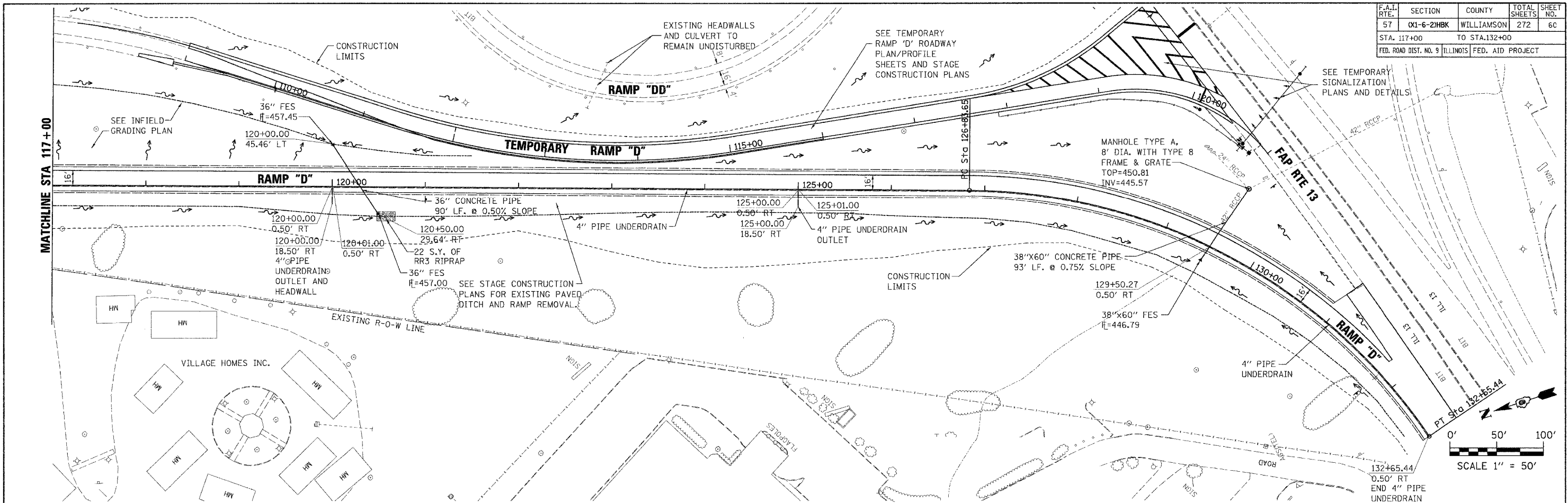
DATE	BY	REVISION

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 USER NAME = chadman



RAMP "D" DRAINAGE PLAN & PROFILE STA 100+00 TO 103+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	01-6-2H8K	WILLIAMSON	272	60
STA. 117+00		TO STA. 132+00		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				



RAMP 'D' DRAINAGE PLAN & PROFILE STA 117+00 TO 132+00

PLAN	DATE	BY
SURVEYED		
ALIGNED		
CHECKED		
NO.		

PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
NO.		

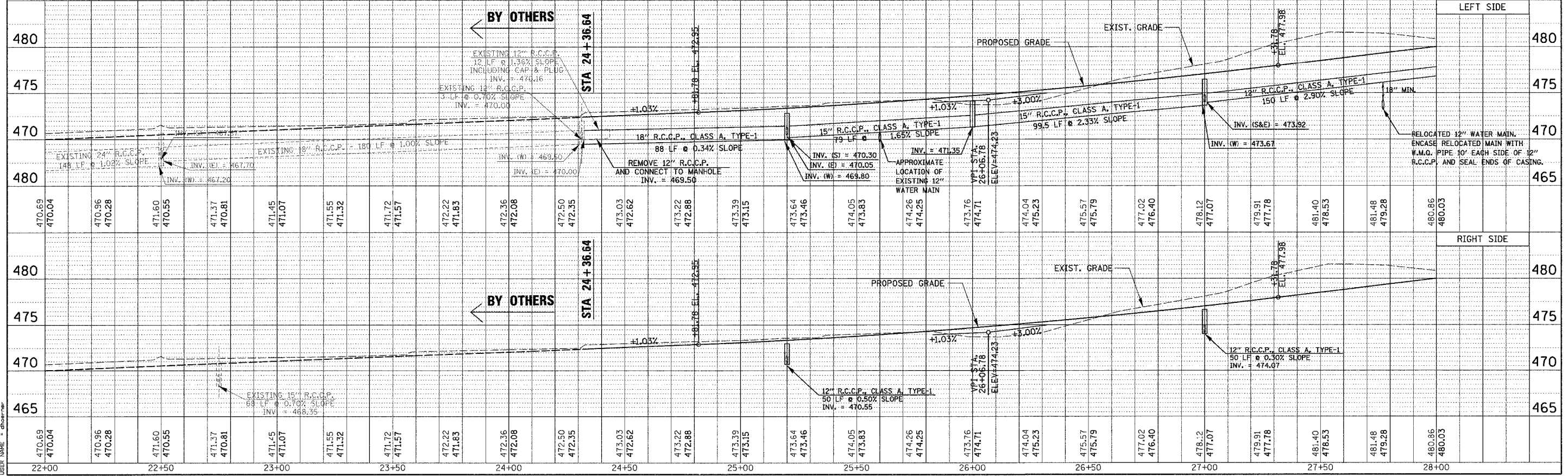
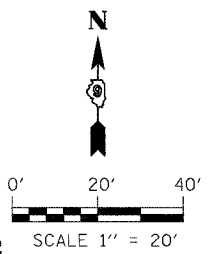
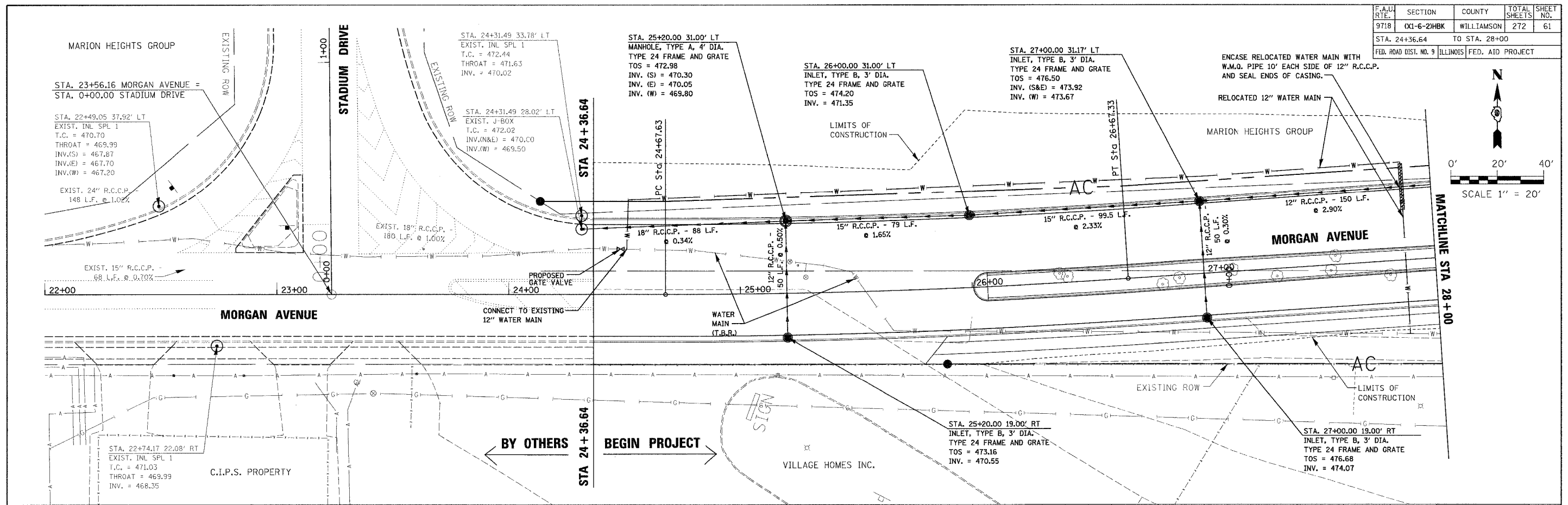
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9718	0X1-6-2HKB	WILLIAMSON	272	61
STA. 24+36.64		TO STA. 28+00		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

PLANNED	DATE
DESIGNED	
CHECKED	
APPROVED	
BY	

PROFILE	DATE
DESIGNED	
CHECKED	
APPROVED	
BY	

PLOT DATE: 5/4/2007
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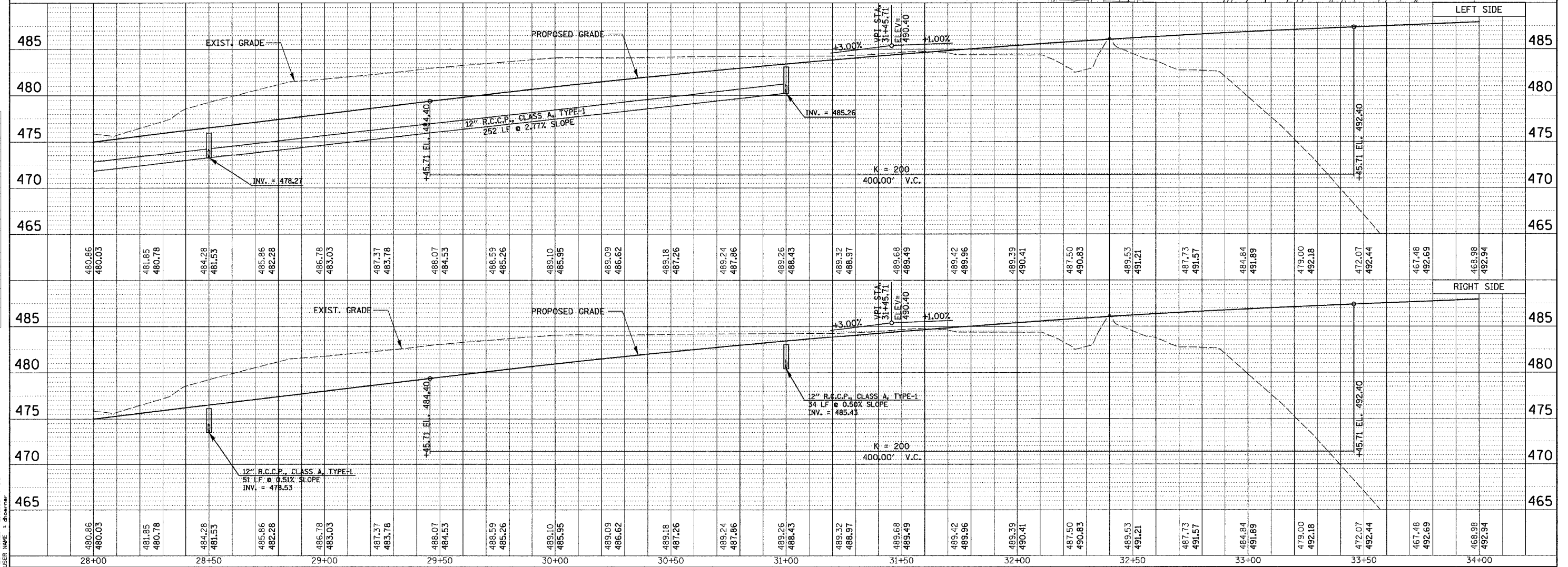
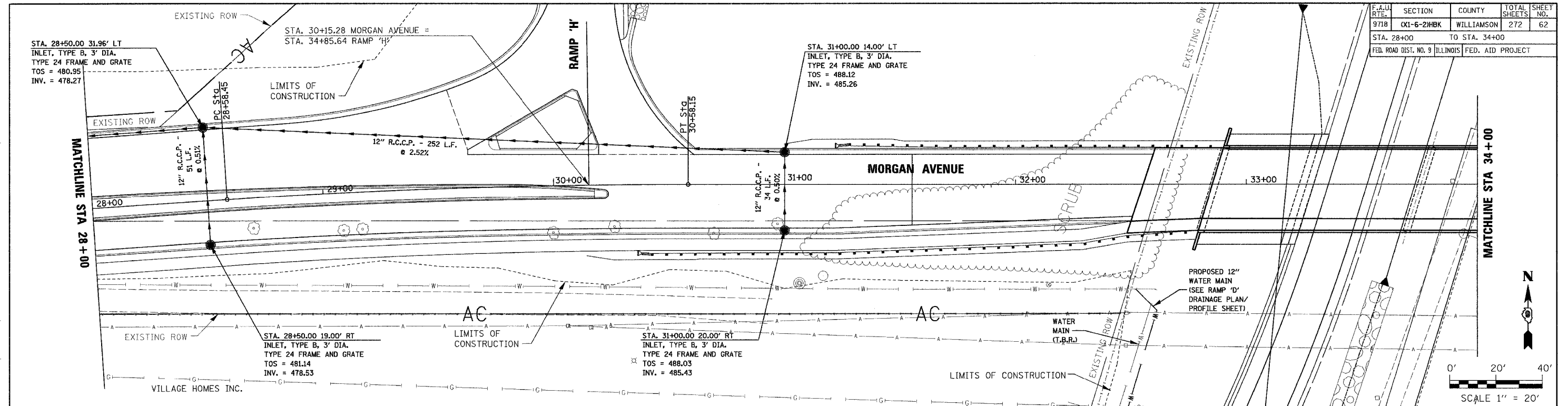
MORGAN AVENUE PROPOSED DRAINAGE PLAN & PROFILE STA 24+36.64 TO 28+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9718	CX1-6-2HBK	WILLIAMSON	272	62
STA. 28+00		TO STA. 34+00		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	GRADES CHECKED		
	ALIGNED		
	RT. OF WAY CHECKED		
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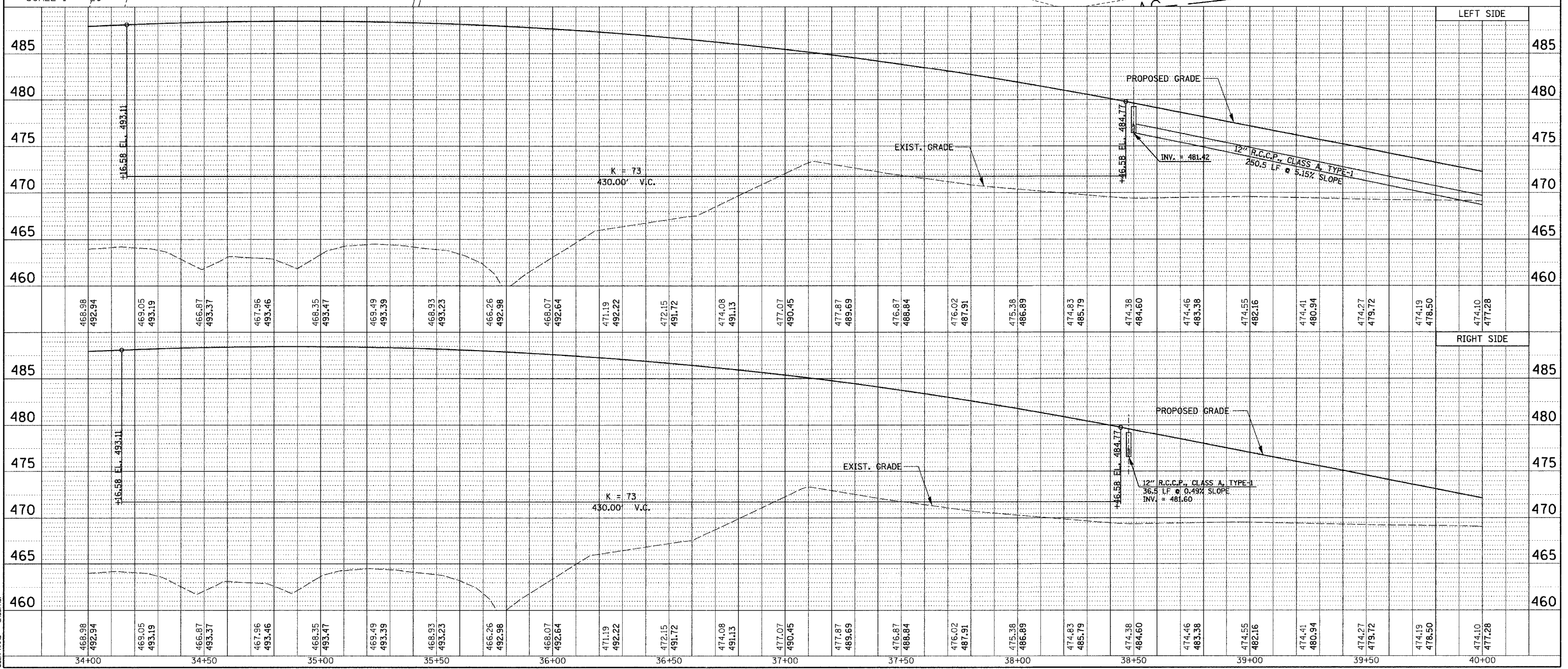
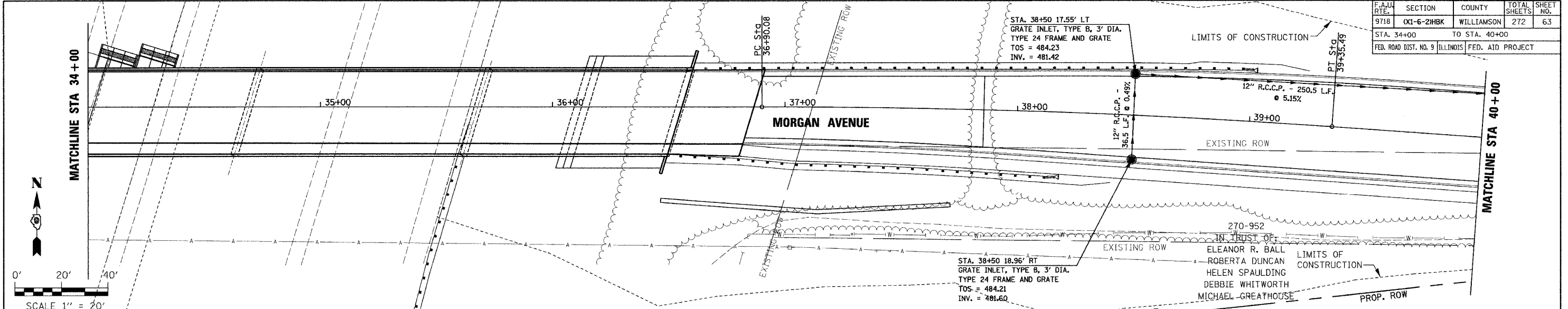
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MORGAN AVENUE PROPOSED DRAINAGE PLAN & PROFILE STA 28+00 TO 34+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9718	01-6-2H8K	WILLIAMSON	272	63
STA. 34+00		TO STA. 40+00		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				



PLAN

DATE	BY

NO. 1

PROFILE

DATE	BY

NO. 1

PLOT DATE = 3/21/2007
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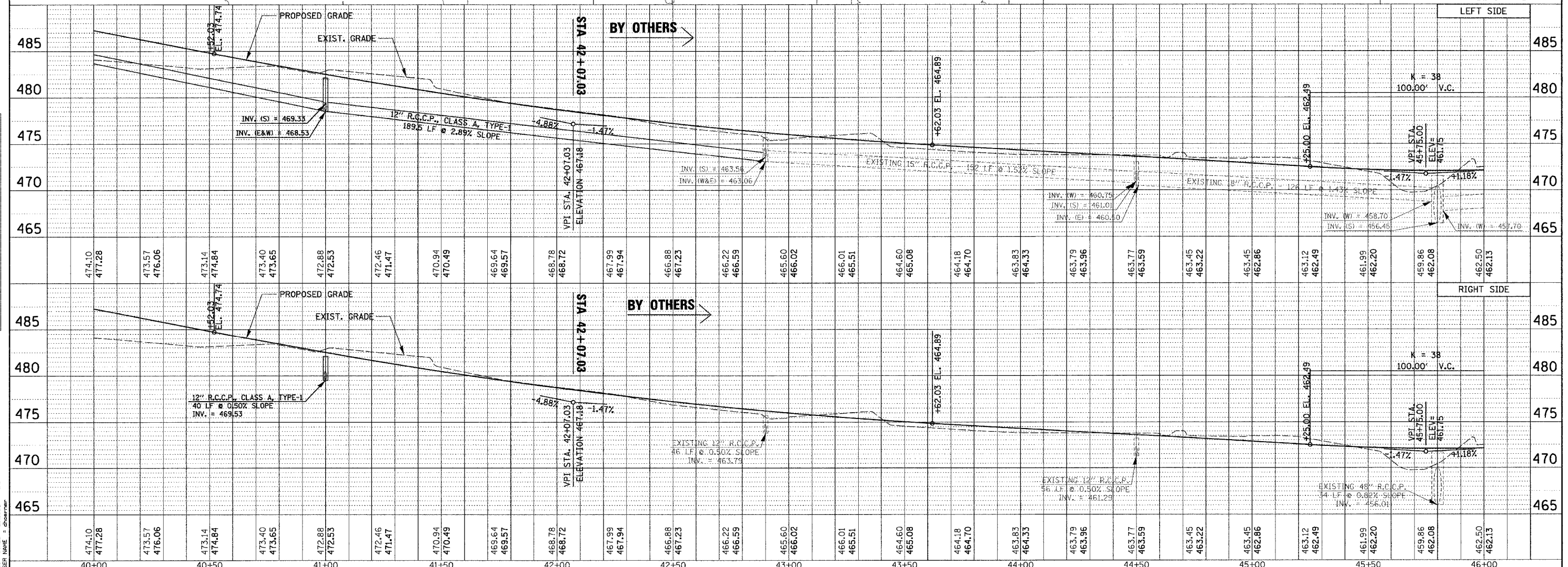
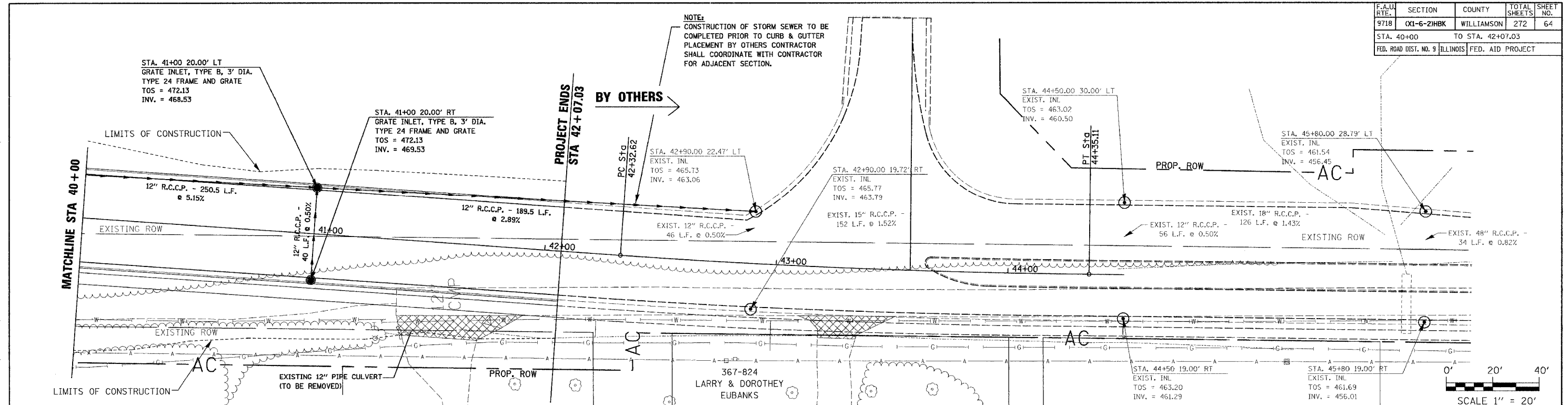
MORGAN AVENUE PROPOSED DRAINAGE PLAN & PROFILE STA 34+00 TO 40+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9718	0X1-6-2H8K	WILLIAMSON	272	64
STA. 40+00 TO STA. 42+07.03		FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT		

PLAN	DATE	BY
NO.		

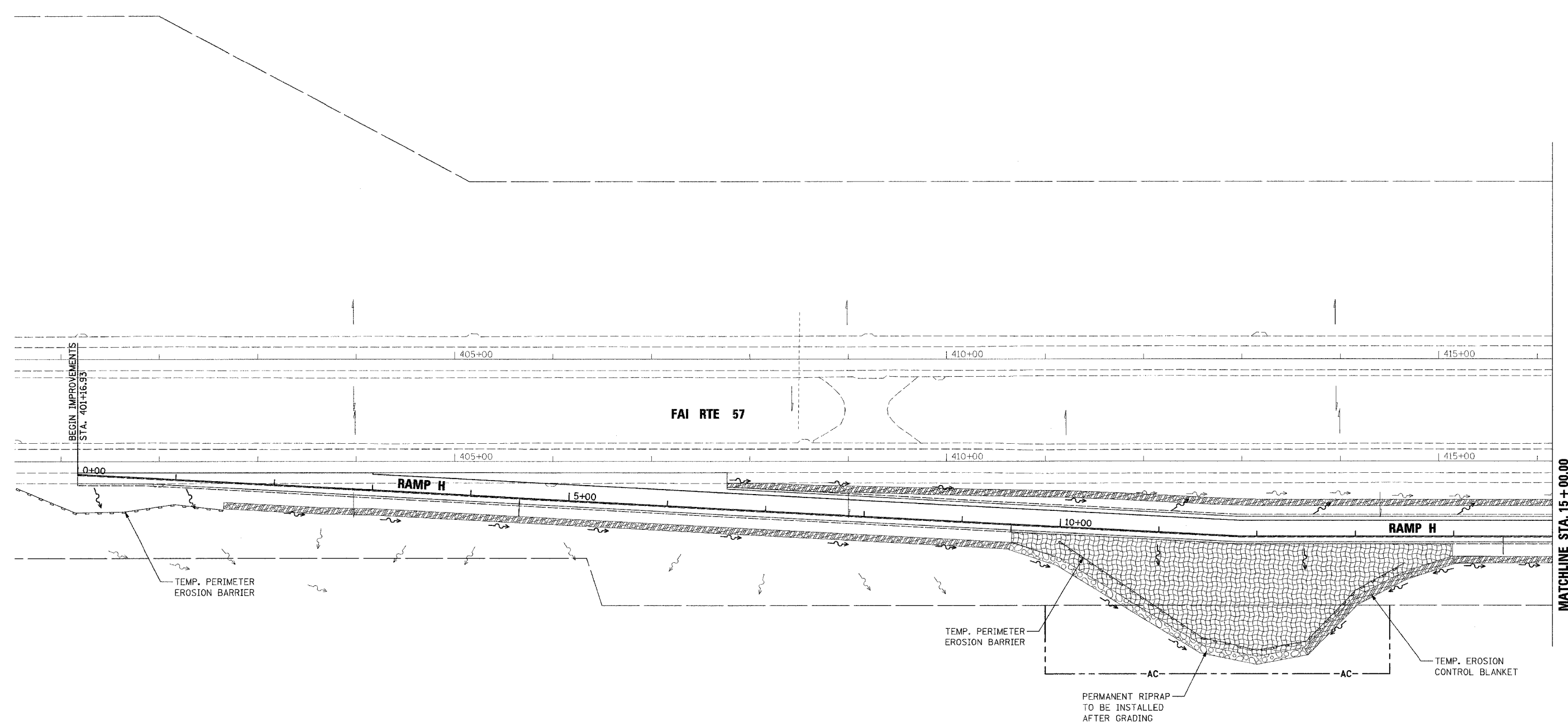
PROFILE	DATE	BY
NO.		

PLOT DATE = 9/21/2007
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 PLOT SCALE = 20.0000 / IN.
 USER NAME = gschmitt



MORGAN AVENUE PROPOSED DRAINAGE PLAN & PROFILE STA 40+00 TO 42+07.03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2H8K	WILLIAMSON	272	65
STA.	TO STA. 15+00			
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT		



- LEGEND**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - EROSION CONTROL BLANKET
 - TURF REINFORCEMENT MAT
 - STONE RIPRAP CLASS A4
 - STONE RIPRAP CLASS A3

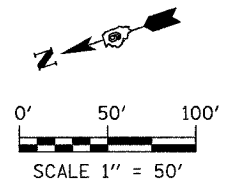
REVISIONS	
NO.	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION AND SEDIMENT CONTROL PLANS
 SHEET 1 OF 5
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY

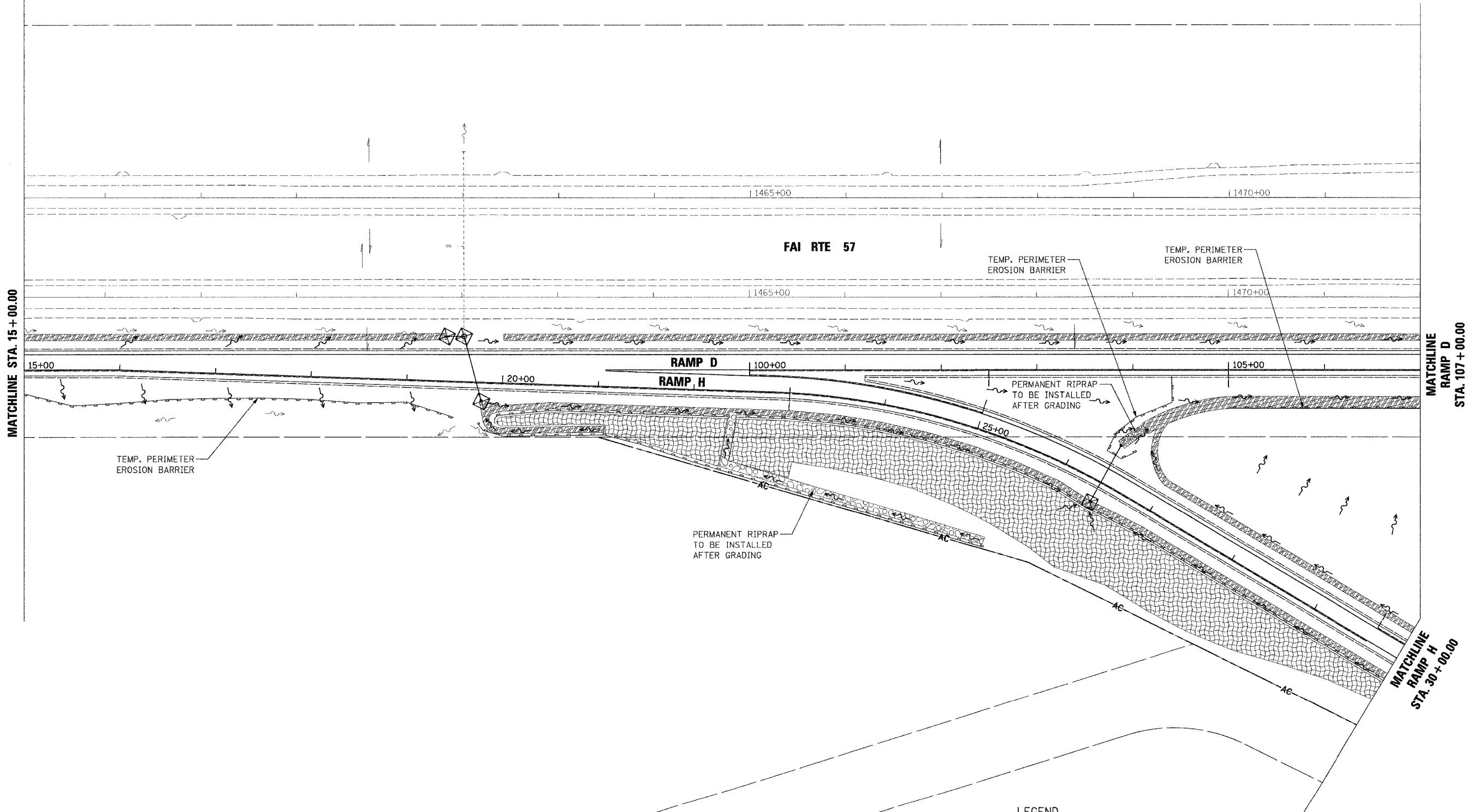
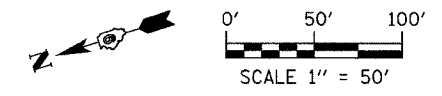
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DRAWN BY: MJ
 CHECKED BY: RD

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 USER NAME = dhoerrner



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HKB	WILLIAMSON	272	66
STA. 15+00		TO STA. 107+00		
FED. ROAD DIST. NO. 9		ILLINOIS		FED. AID PROJECT



LEGEND

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- STONE RIPRAP CLASS A4
- STONE RIPRAP CLASS A3

REVISIONS	
NO.	DATE

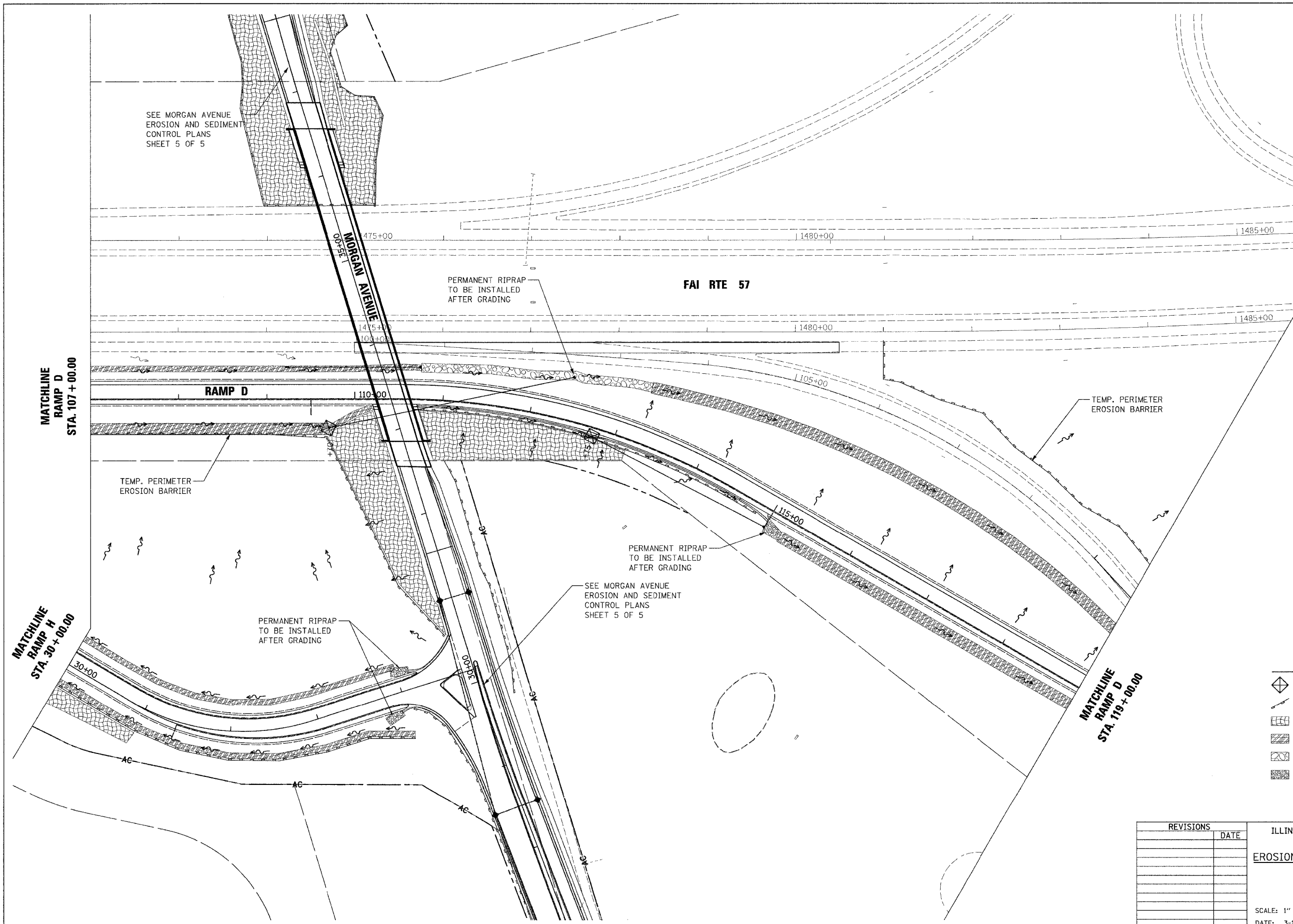
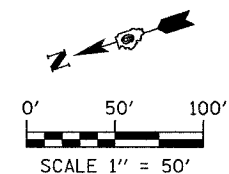
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION AND SEDIMENT CONTROL PLANS
 SHEET 2 OF 5
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAJ ROUTE 9718
 WILLIAMSON COUNTY

SCALE: 1" = 50'
 DATE: 3-19-2007

DRAWN BY: MJ
 CHECKED BY: RD

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 USER NAME = chesmer

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2H8K	WILLIAMSON	272	67
STA. 107+00		TO STA. 119+00		
FED. ROAD DIST. NO. 9		ILLINOIS	FED. AID PROJECT	



LEGEND

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- STONE RIPRAP CLASS A4
- STONE RIPRAP CLASS A3

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION AND SEDIMENT CONTROL PLANS
 SHEET 3 OF 5
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY

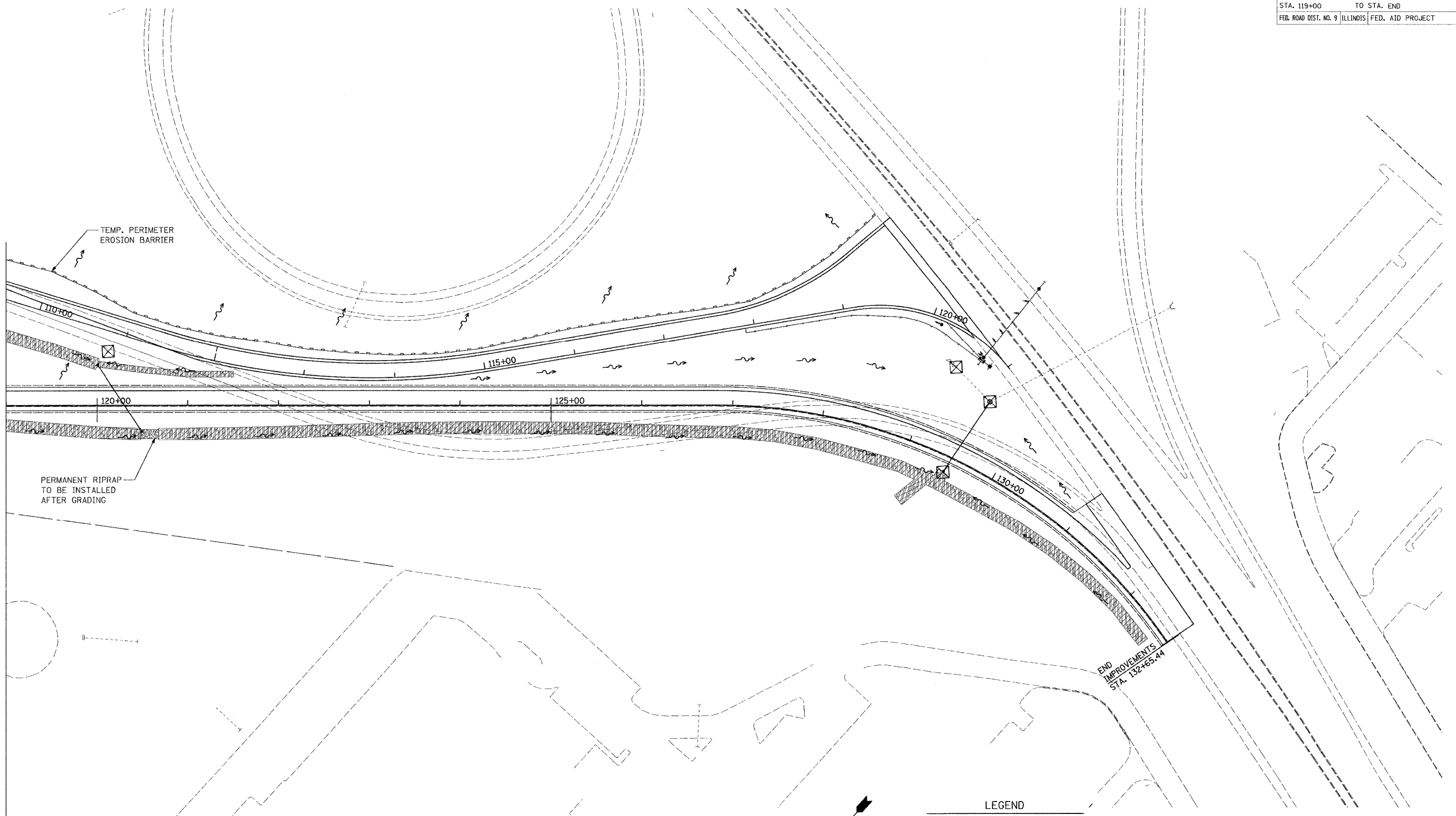
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	68
STA. 119+00		TO STA. END		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		

MATCHLINE
RAMP D
STA. 119 + 00









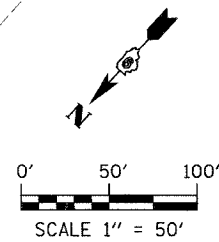
TEMP. PERIMETER
EROSION BARRIER

PERMANENT RIPRAP
TO BE INSTALLED
AFTER GRADING

END
IMPROVEMENTS
STA. 132+65.44

LEGEND

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  EROSION CONTROL BLANKET
-  TURF REINFORCEMENT MAT
-  STONE RIPRAP CLASS A4
-  STONE RIPRAP CLASS A3

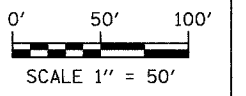


REVISIONS	
NO.	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION AND SEDIMENT CONTROL PLANS
SHEET 4 OF 5
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY
SCALE: 1" = 50'
DATE: 3-19-2007
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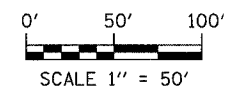
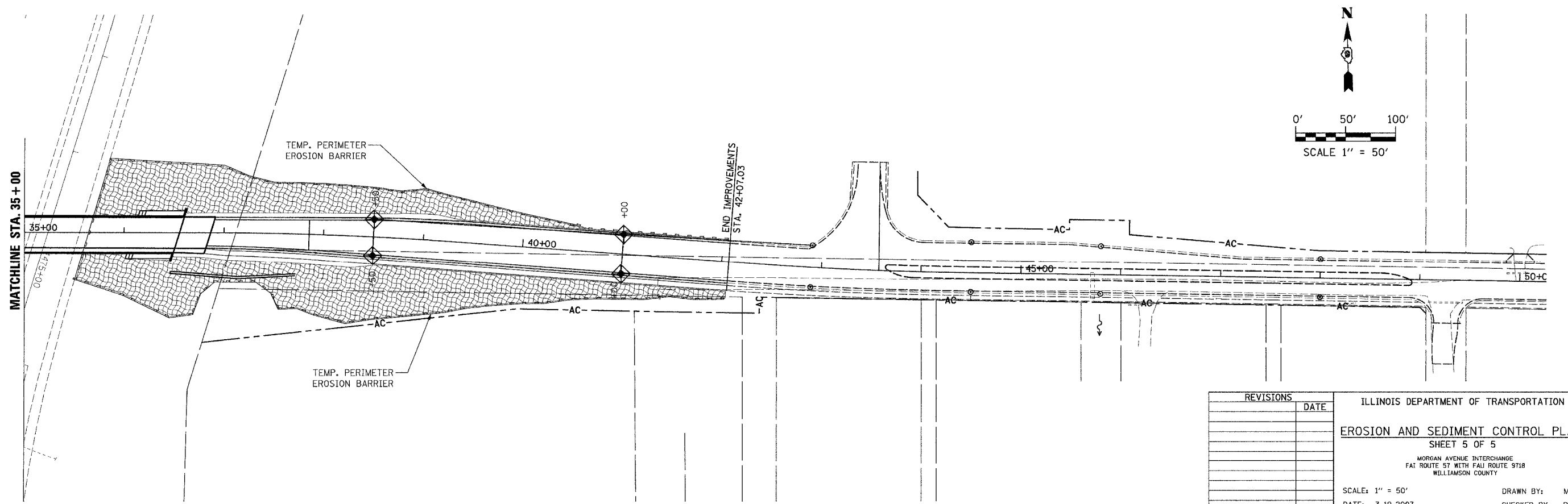
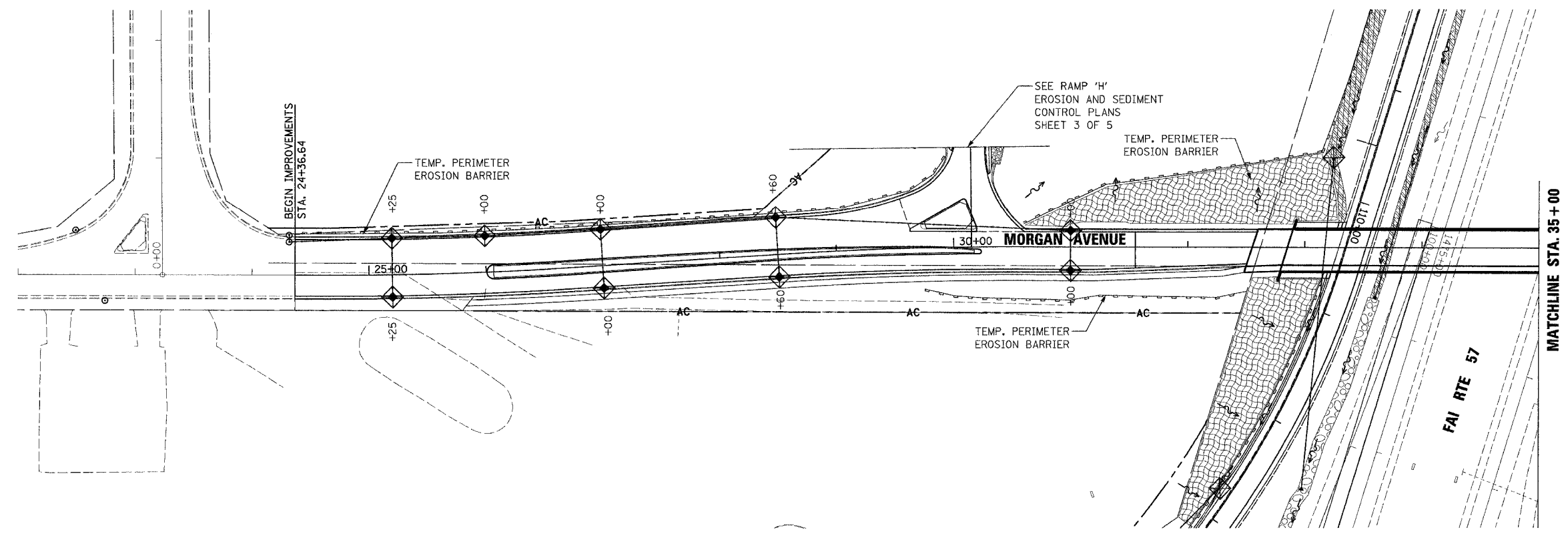
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9718	(X1-6-2)HBK	WILLIAMSON	272	69
STA. 24+36.64		TO STA. 42+07.03		
FED. ROAD DIST. NO. 9		ILLINOIS	FED. AID PROJECT	



LEGEND

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- STONE RIPRAP CLASS A4
- STONE RIPRAP CLASS A3



REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION AND SEDIMENT CONTROL PLANS
 SHEET 5 OF 5
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAI ROUTE 9718
 WILLIAMSON COUNTY
 SCALE: 1" = 50'
 DATE: 3-19-2007
 DRAWN BY: MJ
 CHECKED BY: RD

PLOT DATE = 3/20/2007
 FILE NAME = F:\046688\egm\046688.dgn
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 USER NAME = dheener

STORM WATER POLLUTION PREVENTION PLAN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	70
STA.	TO STA.			
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE-BY-CASE SITUATION DEPENDING ON THE CONTRACTORS SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITIES

1. THE PROPOSED IMPROVEMENT CONSISTS OF: CONSTRUCT MORGAN AVENUE AS THREE-LANE NEW ROADWAY CONSTRUCT NEW BRIDGE OVER I-57 AT MORGAN AVENUE. CONSTRUCT EXIT RAMP FROM SB I-57 TO MORGAN AVENUE. RECONSTRUCT EXIT RAMP FROM SB I-57 TO IL. ROUTE 13.
2. CONSTRUCTION CONSISTS OF EARTHWORK, PCC AND BITUMINOUS PAVEMENTS, STORM SEWERS, DITCHES, CURB & GUTTER, BRIDGE CONSTRUCTION, OVERHEAD SIGN STRUCTURES, LIGHTING, AND OTHER MISCELLANEOUS ITEMS TO COMPLETE THE WORK.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE

1. CONSTRUCT EMBANKMENT/EXCAVATIONS AND PAVEMENT FOR RAMP 'H' AND TEMPORARY RAMP 'D'.
2. CONSTRUCT EMBANKMENT FOR MORGAN AVENUE. CONSTRUCT PAVEMENT AND BRIDGE, INCLUDING ALL STORM SEWER, DRAINAGE STRUCTURES AND CURB AND GUTTER. REMOVE EXISTING RAMP 'D' PAVEMENT AND EMBANKMENT.
3. CONSTRUCT EMBANKMENT AND PAVEMENT FOR RAMP 'D'.
4. PERFORM FINAL GRADING AND OTHER MISCELLANEOUS ITEMS.
5. PLACEMENT OF PERMANENT EROSION CONTROL SUCH AS RIPRAP AND SEEDING.

AREA OF CONSTRUCTION SITE

THE TOTAL AREA OF THE CONSTRUCTION SITE TO BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES IS ESTIMATED TO BE 25.2 ACRES.

OTHER REPORTS AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS

1. INFORMATION OF THE TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, SPECIFICATIONS AND SPECIAL PROVISIONS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE

1. CROSSROAD CULVERTS FLOW INTO TRIBUTARIES OF CRAB ORCHARD CREEK. CRAB ORCHARD CREEK DISCHARGES INTO CRAB ORCHARD LAKE, WITH THE BIG MUDDY RIVER. (A TRIBUTARY OF THE MISSISSIPPI RIVER).

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION.

1. THE DRAINAGE SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN SEVEN DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
 - (a) AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
 - (b) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
 - (c) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
 - (d) BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS AS DETERMINED WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.

(e) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.

2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.
3. A THIRD BENEFIT OF THESE AREAS IS THAT THEY WILL BEGIN TO PROVIDE A SCREEN AND BUFFER. THEY WILL HELP PROTECT THE CONSTRUCTION SITE FROM WINDS AND EXCESS SUN AND MITIGATE CONSTRUCTION NOISE AND DUST.

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION

DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

- (a) WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL-SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
- (b) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
- (c) AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
 - I. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
 - II. TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
 - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - IV. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.

- (d) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR SEVEN DAYS.
- (e) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- (f) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
- (g) SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE EROSION CONTROL METHOD FOR WHICH THE MAINTENANCE IS BEING PERFORMED.
- (h) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNTIL BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED.
2. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED, AND DISTURBED TURF RESEEDED (UNLESS NOTED OTHERWISE).
3. EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL SLOPES STEEPER THAN 3H:1V.

MAINTENANCE AFTER CONSTRUCTION


CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE IS RECEIVED AT THE FINAL INSPECTION. MAINTENANCE UP THIS DATE WILL BE BY THE CONTRACTOR.

MISCELLANEOUS

1. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 1.5 FT. FALL/RISE IN DITCH GRADE (UNLESS NOTED OTHERWISE).
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE. (UNLESS NOTED OTHERWISE).
3. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), AND/OR ANY OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
4. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONAL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.


SIGNATURE

3/23/07
DATE

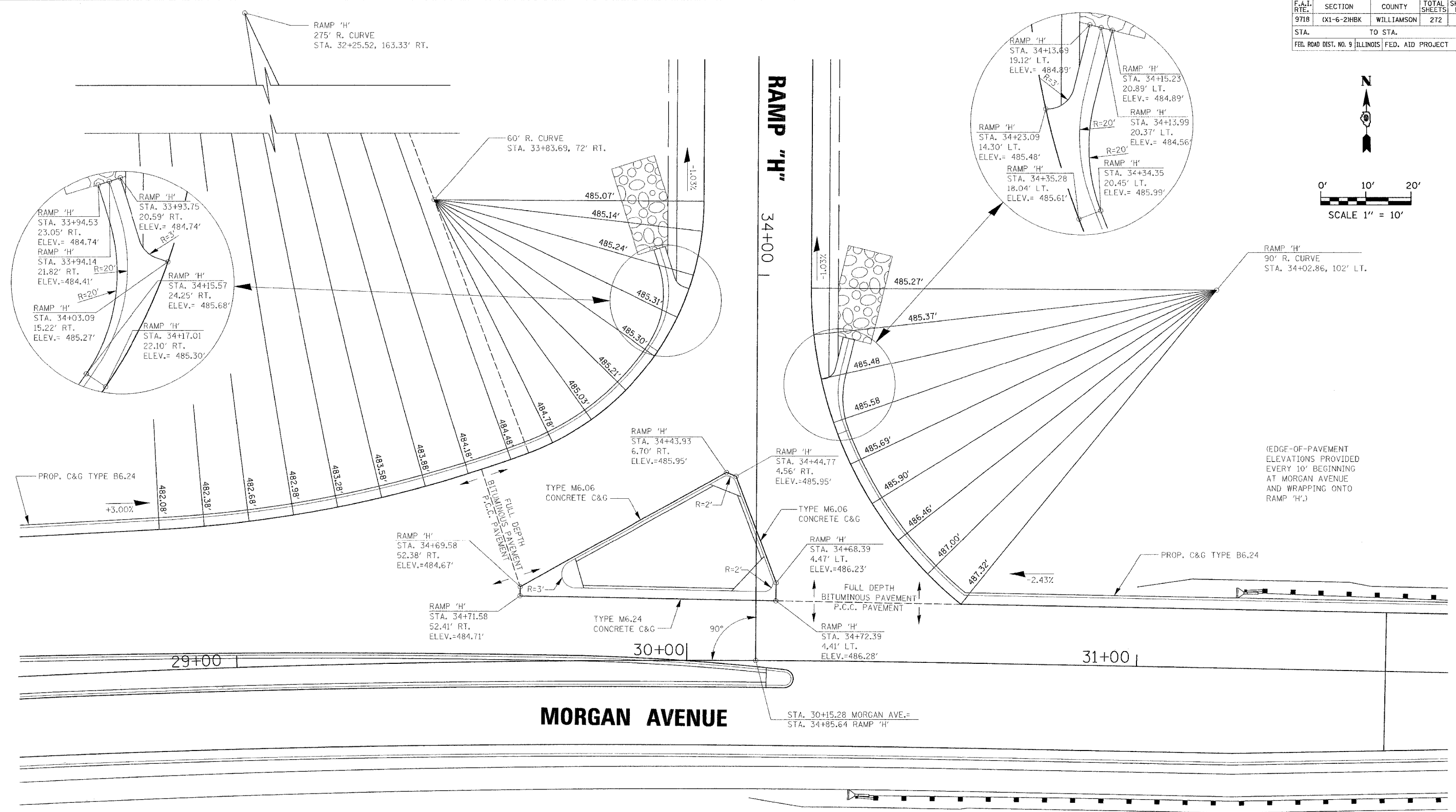
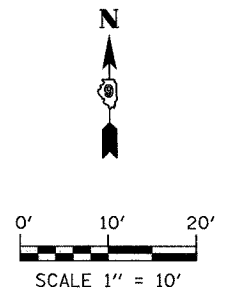
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAI ROUTE 9718
WILLIAMSON COUNTY

SCALE: N/A
DATE: 3-19-2007
DRAWN BY: DH
CHECKED BY: RD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9718	CX1-6-2HKB	WILLIAMSON	272	71
STA.		TO STA.		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



(EDGE-OF-PAVEMENT ELEVATIONS PROVIDED EVERY 10' BEGINNING AT MORGAN AVENUE AND WRAPPING ONTO RAMP 'H')

MORGAN AVENUE

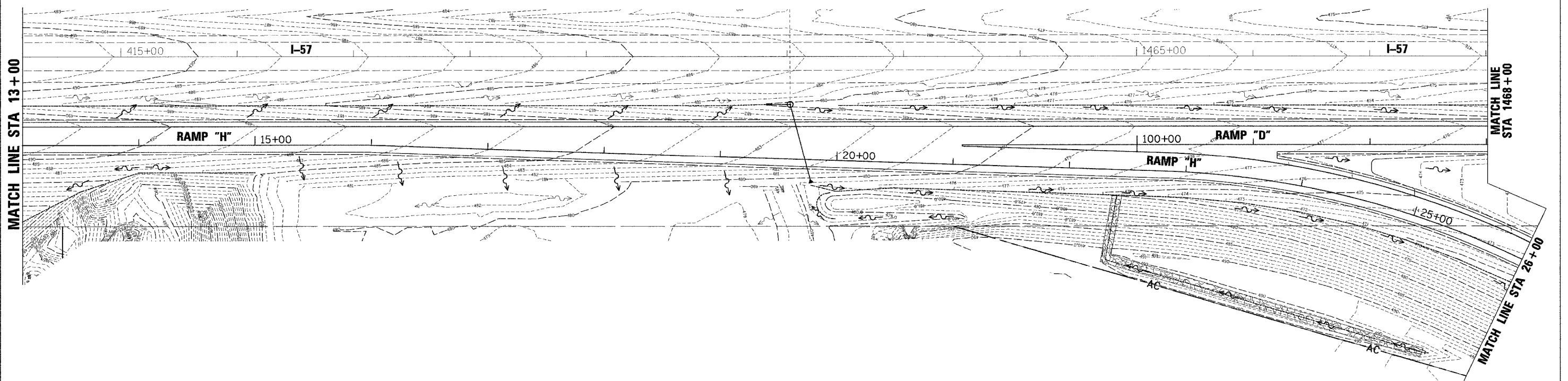
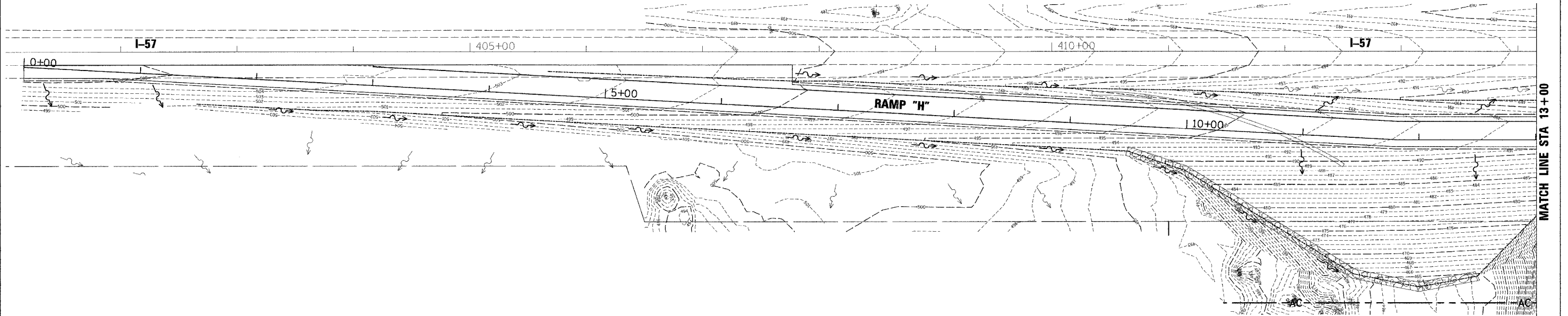
RAMP "H"

REVISIONS	
NAME	DATE

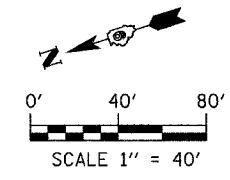
ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION WARPING PLAN
RAMP 'H' AND MORGAN AVENUE
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAI ROUTE 9718
 WILLIAMSON COUNTY
 SCALE: 1" = 20'
 DATE: 3-19-2007
 DRAWN BY: BG
 CHECKED BY: RD

PLOT DATE = 3/19/2007
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 USER NAME = chesner

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	OX1-6-2HKBK	WILLIAMSON	272	72
STA.		TO STA.		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



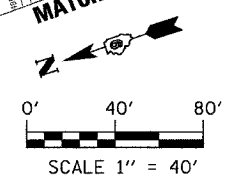
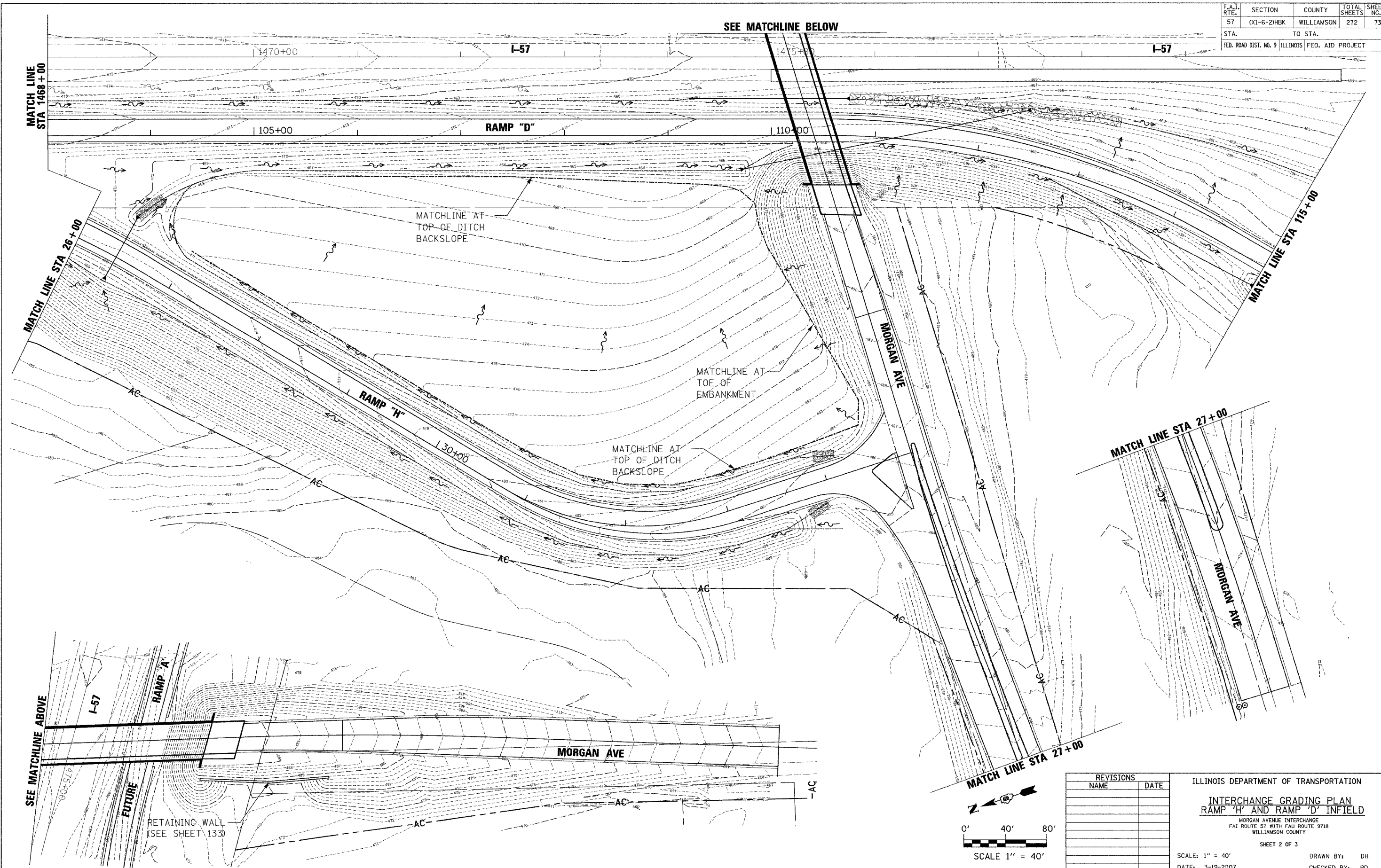
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE GRADING PLAN
RAMP 'H' AND RAMP 'D' INFIELD
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY
 SHEET 1 OF 3
 SCALE: 1" = 40'
 DATE: 3-19-2007
 DRAWN BY: DH
 CHECKED BY: RD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HBR	WILLIAMSON	272	73
STA.	TO STA.			
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERCHANGE GRADING PLAN
RAMP 'H' AND RAMP 'D' INFIELD

MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAI ROUTE 9718
 WILLIAMSON COUNTY

SHEET 2 OF 3

SCALE: 1" = 40'
 DATE: 3-19-2007

DRAWN BY: DH
 CHECKED BY: RD

PLOT DATE = 3/20/2007
 FILE NAME = P:\046200\046200.dgn
 PLOT SCALE = 48.0000 / 1"
 USER NAME = dharrar

MATCH LINE
STA 1468+00

MATCH LINE STA 26+00

SEE MATCHLINE ABOVE

SEE MATCHLINE BELOW

MATCH LINE STA 115+00

MATCH LINE STA 27+00

MATCH LINE STA 27+00

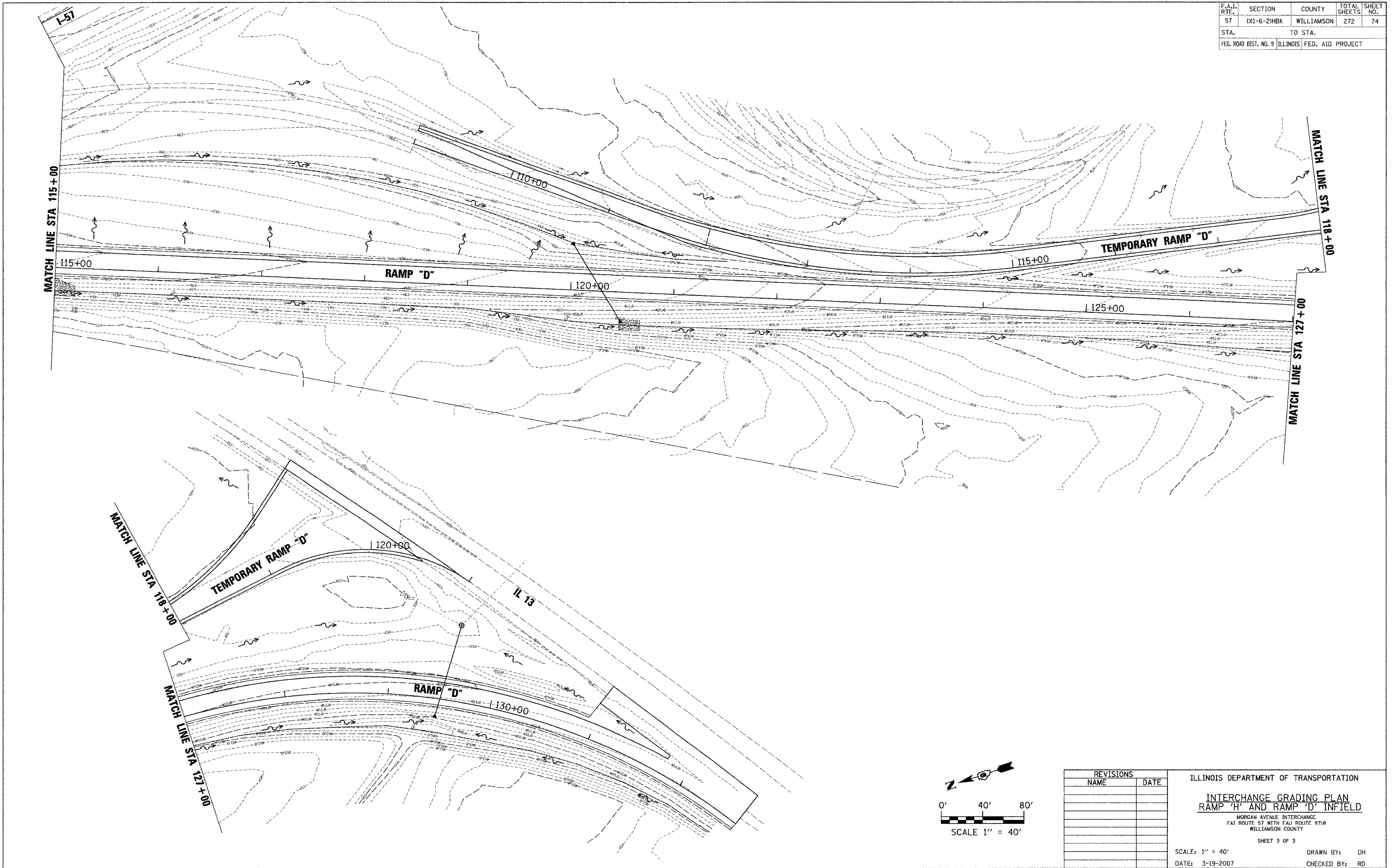
RETAINING WALL
(SEE SHEET 133)

MATCHLINE AT
TOP OF DITCH
BACKSLOPE

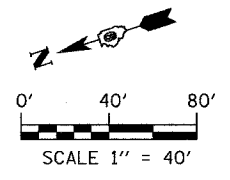
MATCHLINE AT
TOE OF
EMBANKMENT

MATCHLINE AT
TOP OF DITCH
BACKSLOPE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	74
STA. TO STA.		FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT		



PLOT DATE = 3/20/2007
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE GRADING PLAN
RAMP "H" AND RAMP "D" INFIELD
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAI ROUTE 9718
 WILLIAMSON COUNTY
 SHEET 3 OF 3
 SCALE: 1" = 40'
 DATE: 3-19-2007
 DRAWN BY: DH
 CHECKED BY: RD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	CX1-6-2HKB	WILLIAMSON	272	75
STA. TO STA.		FED. AID PROJECT		
FED. ROAD DIST. NO. 9		ILLINOIS		

PHASE	1	2	3	4	5	6	7	8
MOVEMENT	←	←	←	←	←	←	←	↓
CONCURRENT MOVEMENT PERMITTED	NOT USED	8	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NONE

STANDARDS

- 805001
- 857001
- 880001
- 886001
- 886006

TRAFFIC SIGNALS LEGEND

- PROPOSED DETECTOR LOOP
- PROPOSED CONTROLLER MOUNTED ON WOOD POLE
- ELECTRIC CABLE, LEAD-IN, NO. 14 1 PAIR
- PROPOSED SPAN WIRE MOUNTED SIGNALS
- PROPOSED SERVICE INSTALLATION

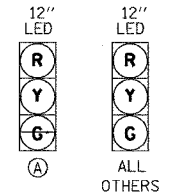
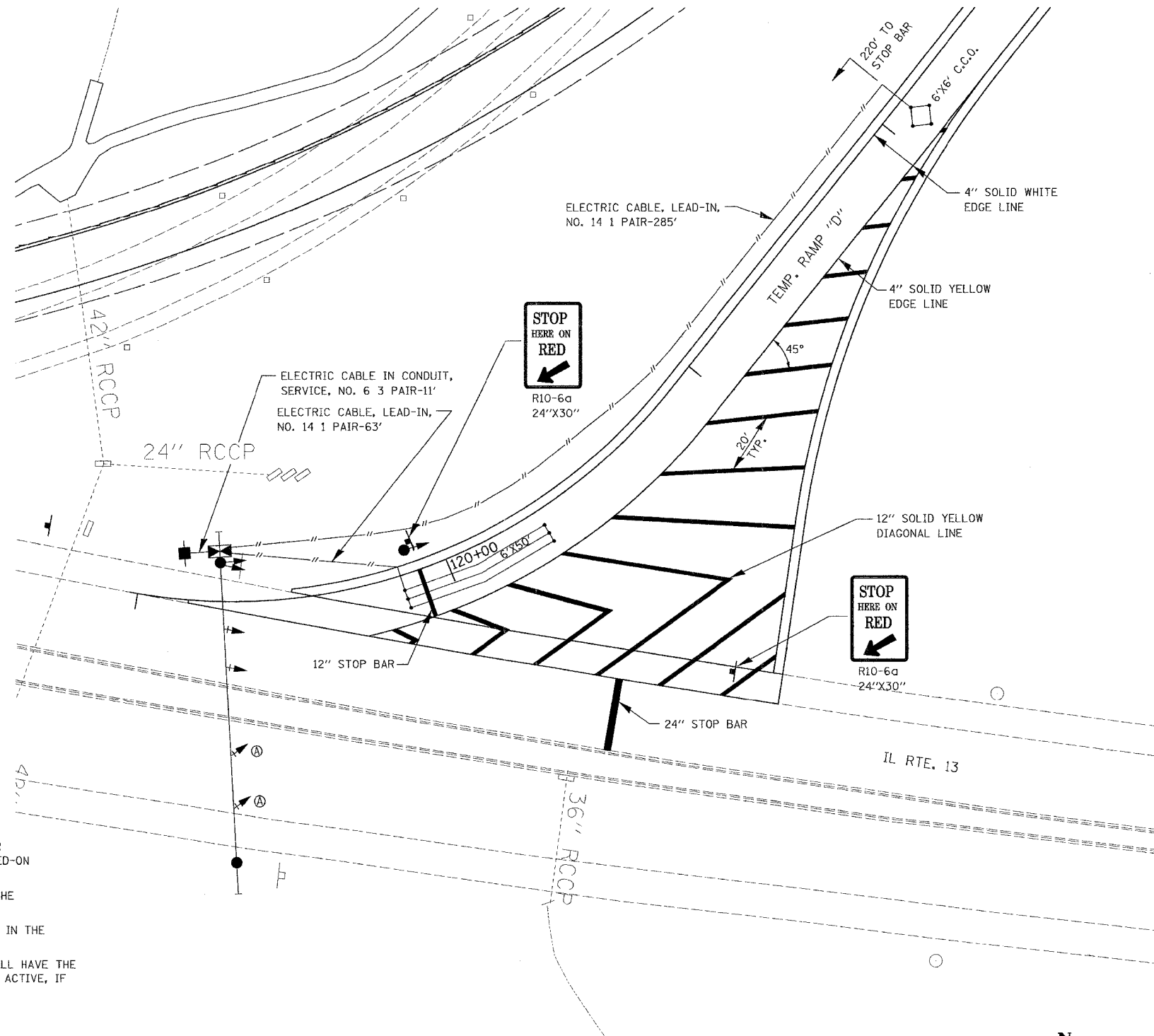
ELECTRICAL GENERAL NOTES

- BACKPLATES SHALL BE ABS PLASTIC.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- ALL INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE, IF A TIME SETTING IS PROGRAMMED. THEY SHALL BE RACK MOUNTED.

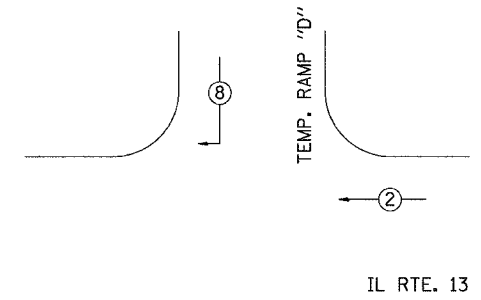
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL ROUTE 13 AND TEMPORARY RAMP

LOOP	PHASE (Ø)	LOOP SIZE (FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (µH)	CALCULATED RESISTANCE OHMS (Ω)
WB THRU CD	8	6'X50' (Ø)	3-6-3	801.6	1.95
WB CCO	8	6'X6'	5	232.8	1.76

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.



TEMPORARY TRAFFIC SIGNAL FACES



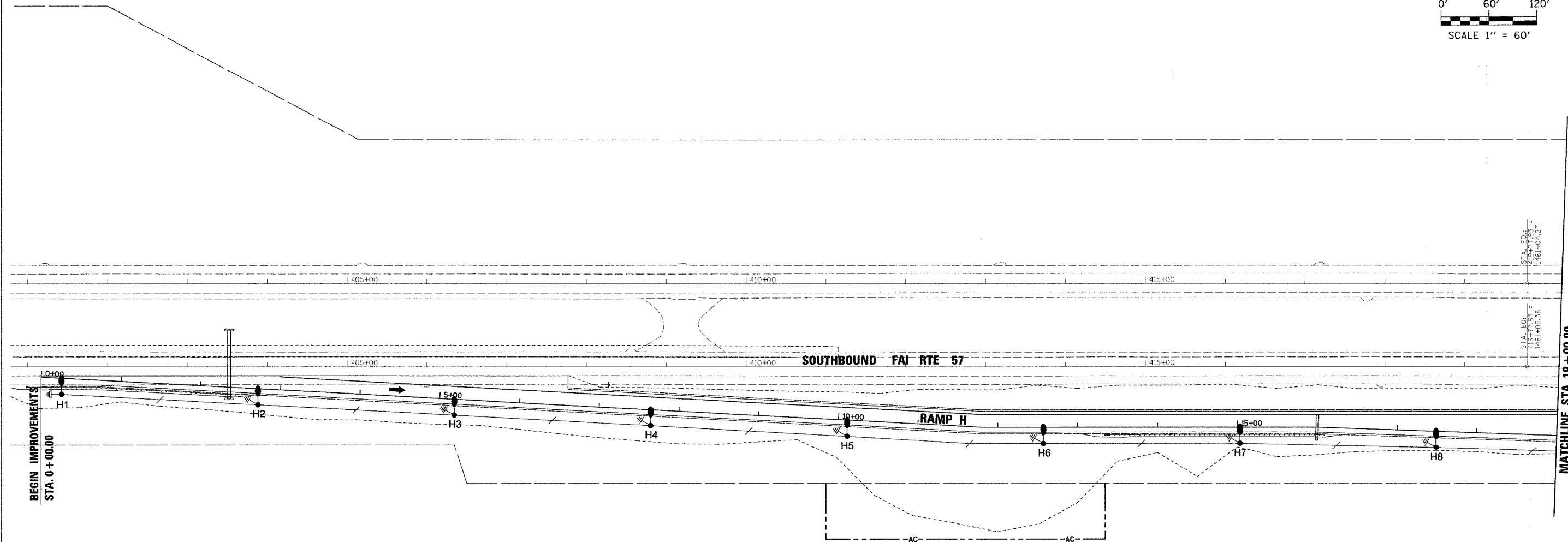
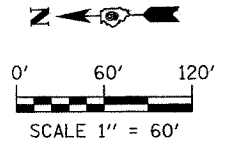
PHASE DESIGNATION DIAGRAM

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TEMPORARY TRAFFIC SIGNAL PLANS TEMPORARY RAMP "D" AND IL RTE. 13 MORGAN AVENUE INTERCHANGE FAI ROUTE 57 WITH FAU ROUTE 9718 WILLIAMSON COUNTY

SCALE: 1" = 20' DATE: 3-19-2007 DRAWN BY: JI CHECKED BY: RD

PLOT DATE = 3/19/2007
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 PLOT SCALE = 28.0000 / IN.
 USER NAME = dbeenan

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	04-0009700BR	WILLIAMSON	272	76
STA.	TO STA.			
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 3/19/2007
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 PLOT SCALE = 60.0000 / IN.
 USER NAME = chester

LEGEND

- ELECTRIC SERVICE INSTALLATION
- LIGHTING CONTROLLER
- 400W RPS LUMINAIRE & 50' MH POLE WITH 15' MA
- ⊥ GROUND ELECTRODE
- UNIT DUCT, 2*6XLP & 1*6G
- UNIT DUCT, 2*8XLP & 1*8G

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

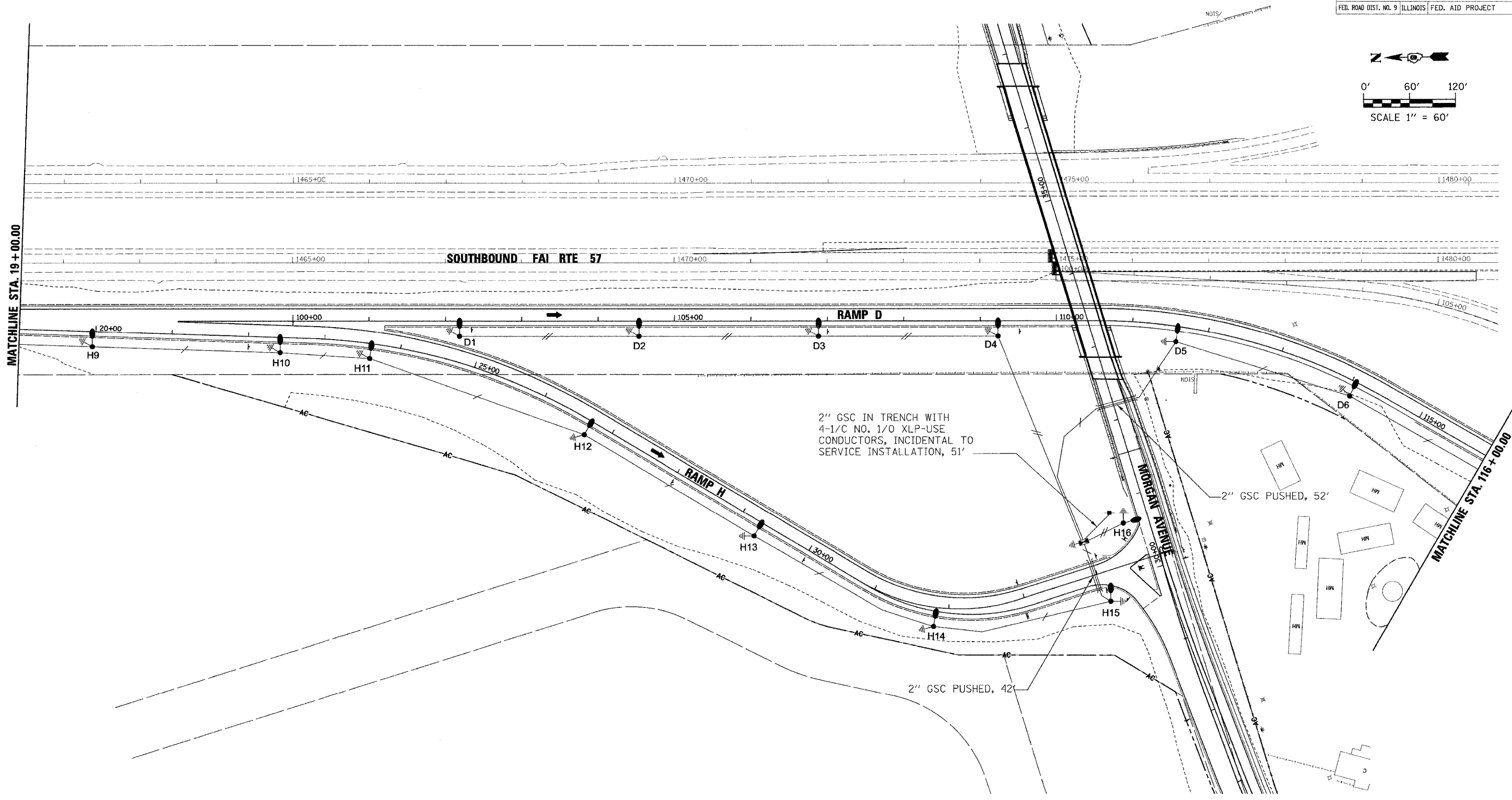
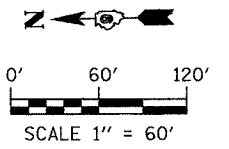
LIGHTING PLAN
 MORGAN AVENUE INTERCHANGE
 FAP ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY

1 OF 9

SCALE: N/A
 DATE: 3-19-2007

DRAWN BY: BLR
 CHECKED BY: RSD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	04-0009700BR	WILLIAMSON	272	77
STA. TO STA.		FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT		



- LEGEND**
- ELECTRIC SERVICE INSTALLATION
 - LIGHTING CONTROLLER
 - 400W HPS LUMINAIRE & 50' MH POLE WITH 15' MA
 - ⊥ GROUND ELECTRODE
 - UNIT DUCT, 2"X1/2" & 1"X6"
 - UNIT DUCT, 2"X1/2" & 1"X6"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAI ROUTE 971B
 WILLIAMSON COUNTY

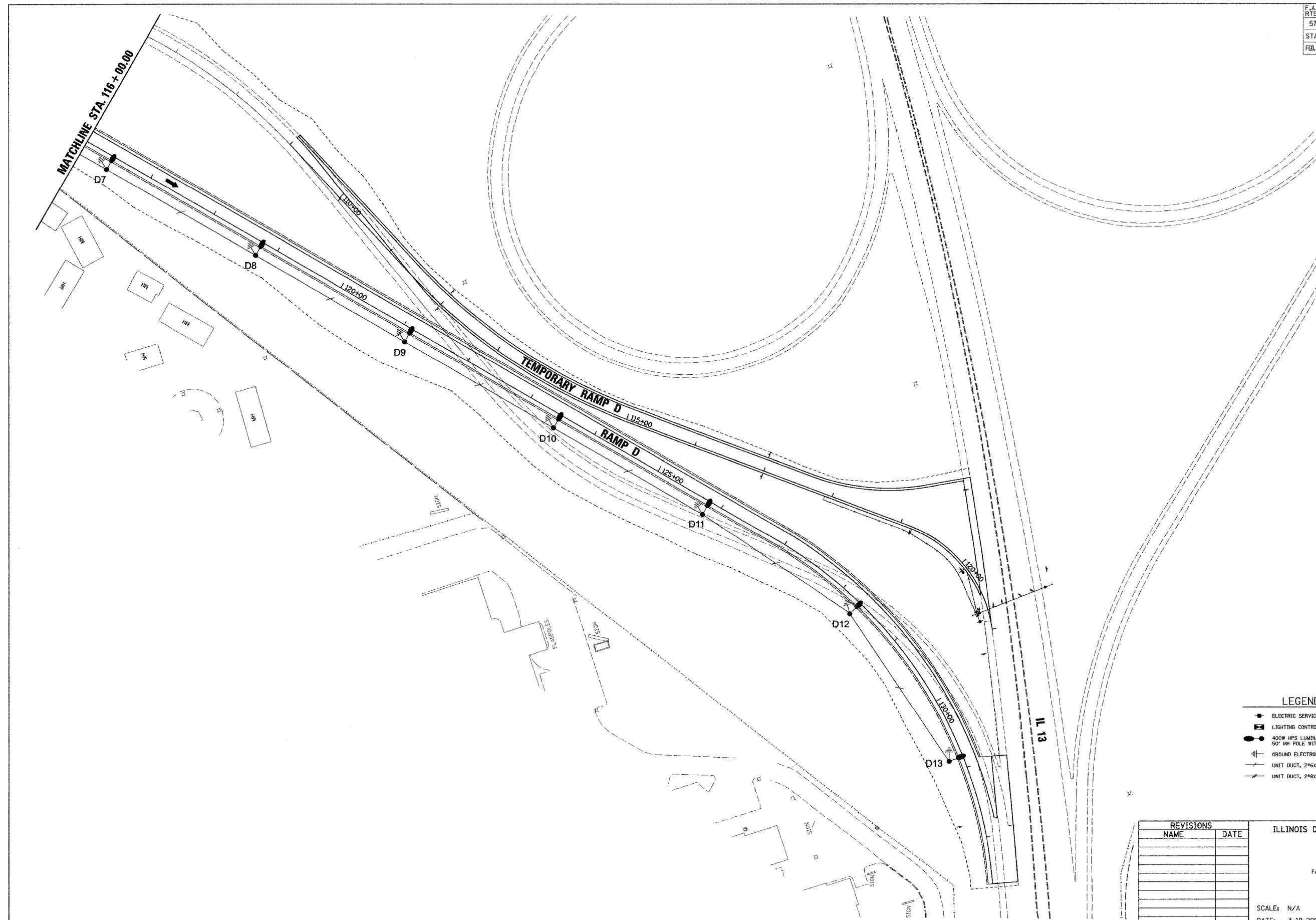
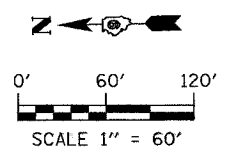
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SCALE: N/A
 DATE: 3-19-2007

DRAWN BY: BLR
 CHECKED BY: RSD

PLOT DATE = 3/19/2007
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 USER NAME = chesner

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	04-0009700BR	WILLIAMSON	272	78
STA.		TO STA.		
FED. ROAD DIST. NO. 9 ILLINOIS		FED. AID PROJECT		



LEGEND

- ELECTRIC SERVICE INSTALLATION
- LIGHTING CONTROLLER
- 400W HPS LUMINAIRE & 50' MH POLE WITH 15' MA
- ⊥ GROUND ELECTRODE
- UNIT DUCT, 2"GLP & 1"GG
- UNIT DUCT, 2"GLP & 1"BG

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

MORGAN AVENUE INTERCHANGE
 FAP ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY

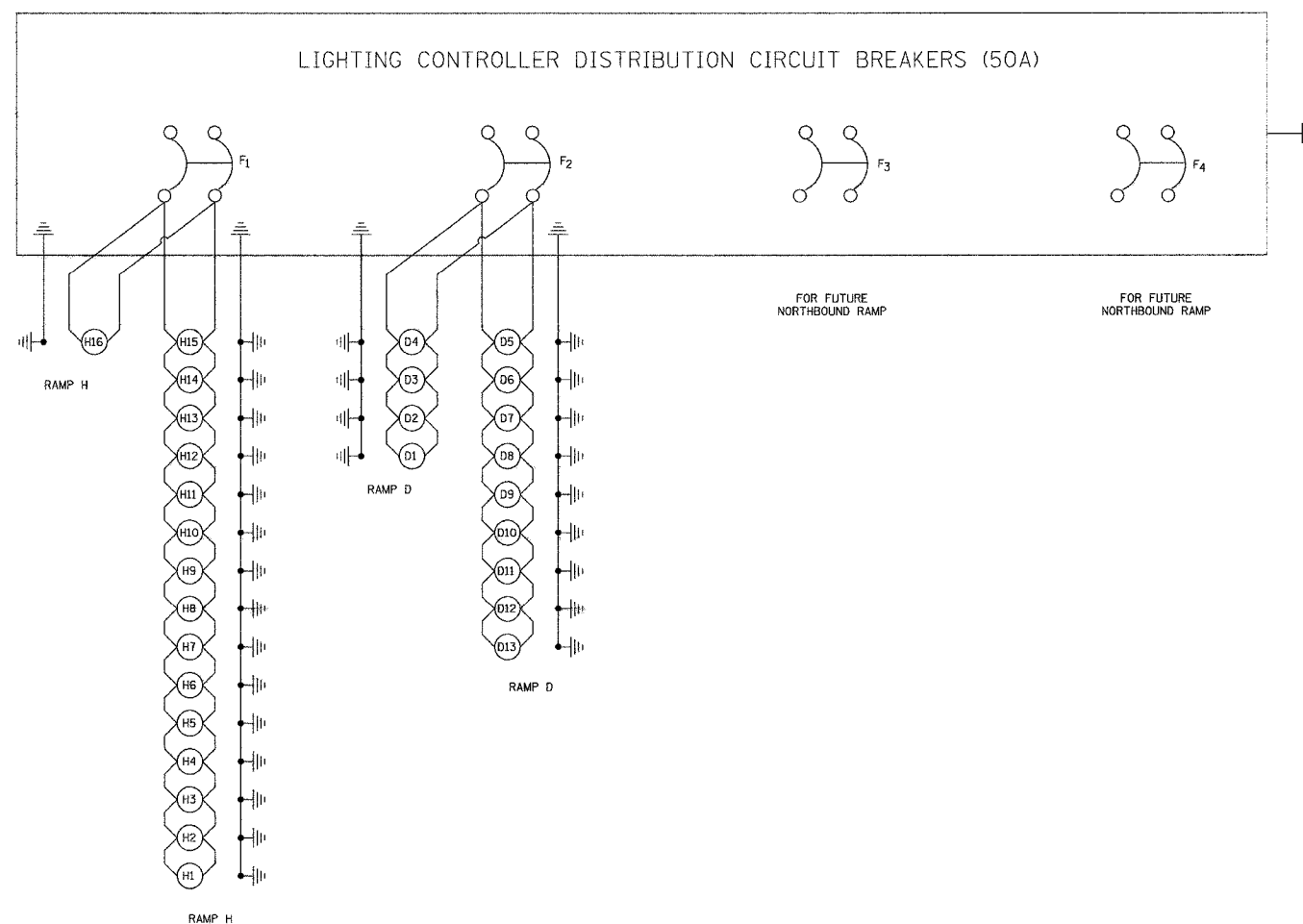
3 OF 9

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 DATE: 3-19-2007

DRAWN BY: BLR
 CHECKED BY: RSD

PLOT DATE = 3/19/2007
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 USER NAME = chobner

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	04-0009700BR	WILLIAMSON	272	80
STA.	TO STA.			
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 3/19/2007
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REVISIONS	
NAME	DATE

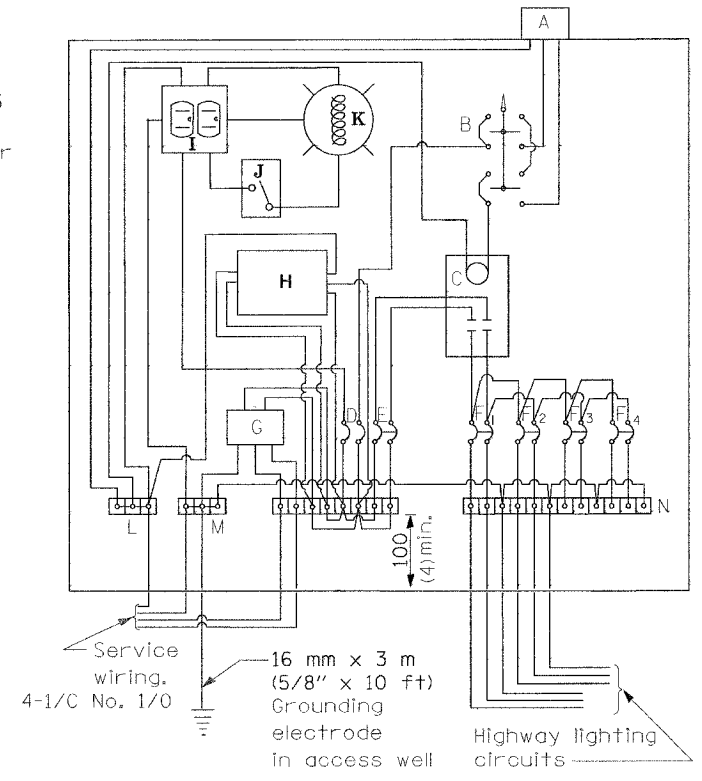
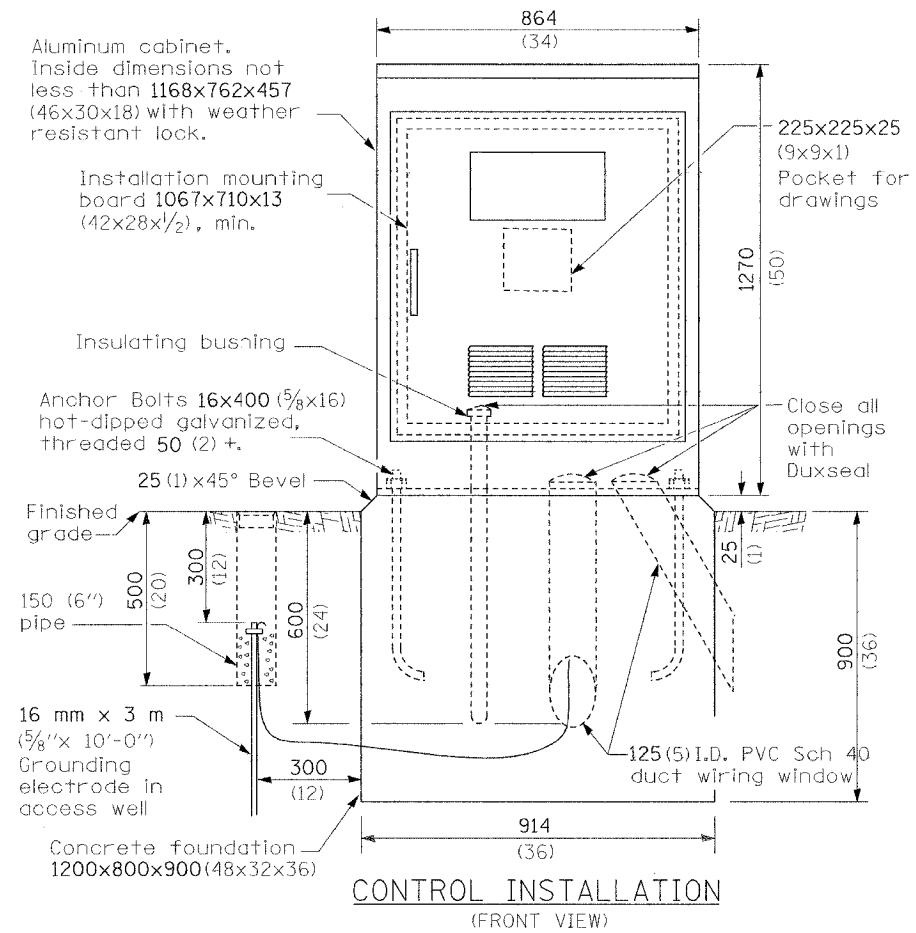
ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHTING PLAN
LIGHTING CONTROLLER CIRCUIT
 MORGAN AVENUE INTERCHANGE
 FAP ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY

5 OF 9

SCALE: N/A
 DATE: 3-19-2007

DRAWN BY: BLR
 CHECKED BY: RSD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	04-0009700BR	WILLIAMSON	272	81
STA.		TO STA.		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



MATERIALS

- A Photocell w/ integral surge arrester.
- B 3 position selector switch HAND-OFF-AUTO
- C 100 amp* electrically held contactor, 120V operating coil
- D 15 amp, 1 pole, circuit breaker
- E 100 amp*, 2 pole, main circuit breaker
- F 30 amp*, 2 pole, branch circuit breaker. 2 spare c.b. For future northbound ramp. 4 total required.
- G Surge arrester
- H Transformer 1 KVA, 240/480V primary, 120/240V sec. single phase
- I GFCI duplex receptacle
- J Single pole, single throw switch
- K Shielded security fixture with 100W lamp
- L Neutral bar
- M Equipment ground bar
- N Terminal block

GENERAL NOTES

Electrical service shall be 480V, single phase.

Locate Service Pole and control installation adjacent to R.O.W. line with a minimum distance of 9 m (30') from the edge of pavement. Locate in close proximity to the utility transformer so the service drop does not exceed 46 m (150ft) and the total distance of overhead and underground cable (utility transformer to lighting controller) does not exceed 76 m (250ft). Exact location shall be established by the Engineer.

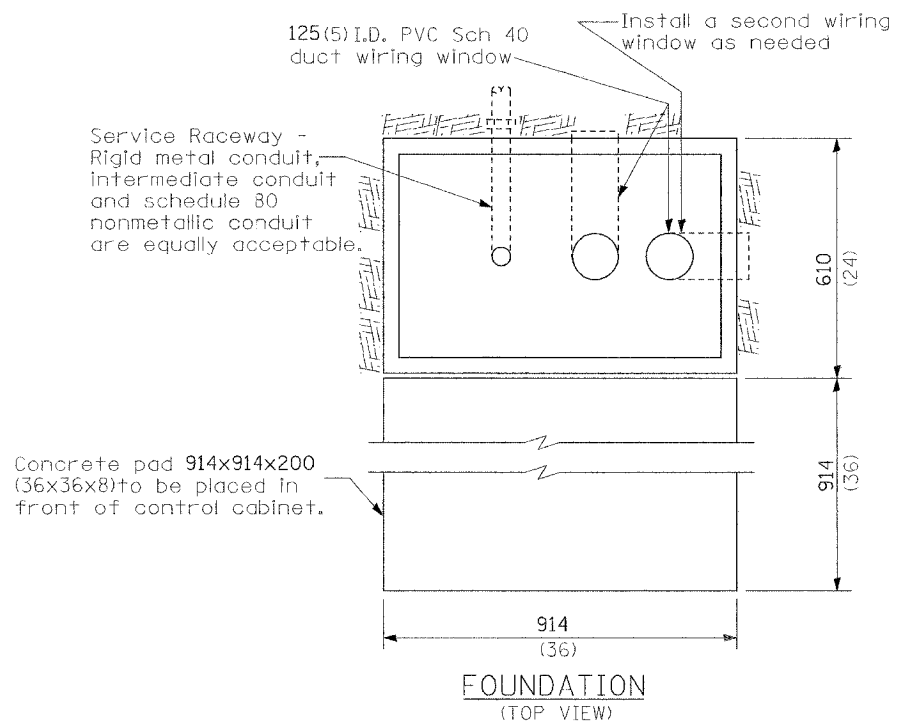
Wiring shall be panel board fashion. All bends shall be right angles. All runs shall vertical or parallel to panel board, Wires shall be grouped or laced.

All control installation components shall be U.L. listed.

Raceways shall terminate 75 (3) above top of concrete foundation.

Label equipment ground buss and neutral buss.

All dimensions are in millimeters (inches) unless otherwise shown.



Concrete pad 914x914x200 (36x36x8) to be placed in front of control cabinet.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

CONTROL INSTALLATION

TYPE CB-RCS-100

MORGAN AVENUE INTERCHANGE
FAP ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

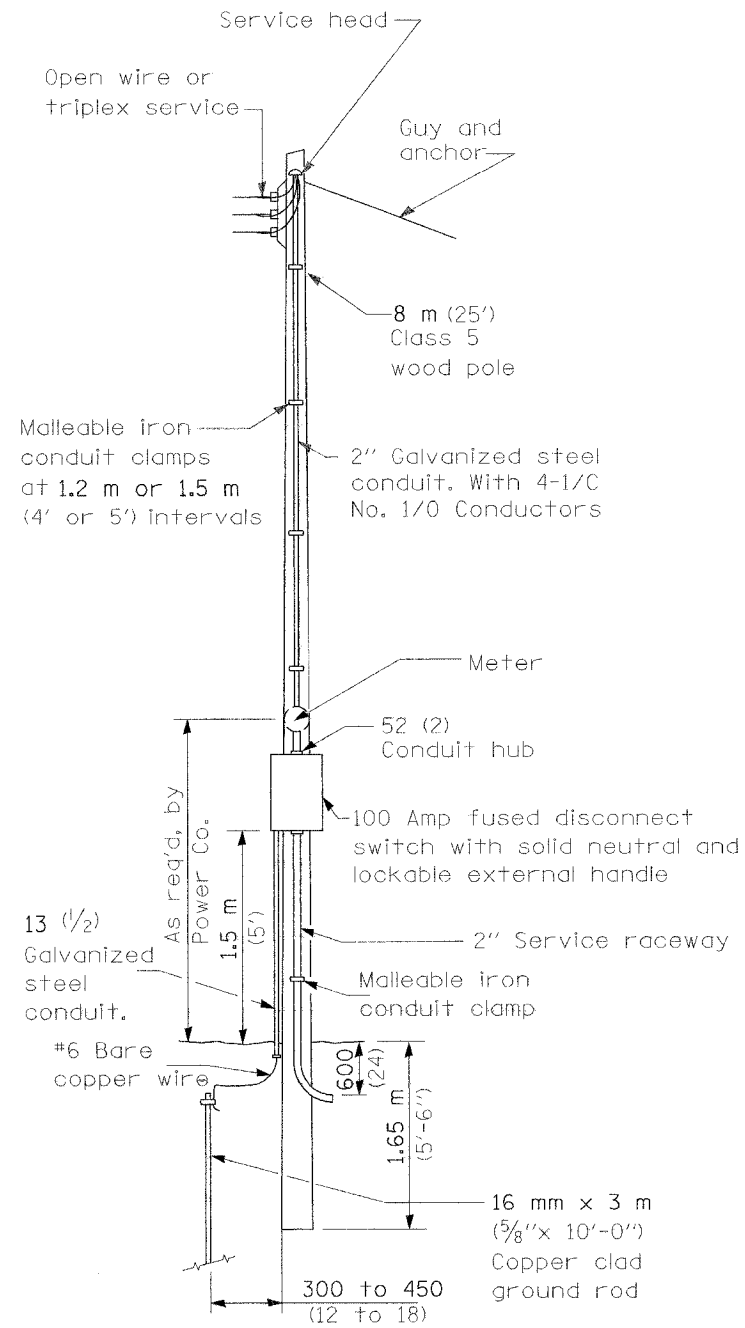
6 OF 9

SCALE: N/A
DATE: 3-19-2007

DRAWN BY: N/A
CHECKED BY: N/A

PLOT DATE = 3/19/2007
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	04-0009700BR	WILLIAMSON	272	82
STA.		TO STA.		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



SERVICE POLE

GENERAL NOTES

Electrical service shall be 480V, single phase.

Locate Service Pole and control installation adjacent to R.O.W. line with a minimum distance of 9 m (30') from the edge of pavement. Locate in close proximity to the utility transformer so the service drop does not exceed 46 m (150ft) and the total distance of overhead and underground cable (utility transformer to lighting controller) does not exceed 76 m (250ft). Exact location shall be established by the Engineer.

All dimensions are in millimeters (inches) unless otherwise shown.

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 USER NAME = dclear

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHTING PLAN
SERVICE INSTALLATION
 MORGAN AVENUE INTERCHANGE
 IAP ROUTE 57 WITH IAP ROUTE 9718
 WILLIAMSON COUNTY

7 OF 9

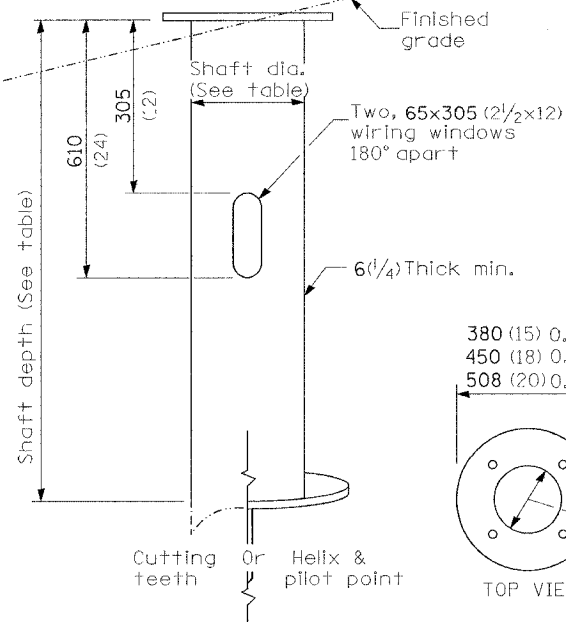
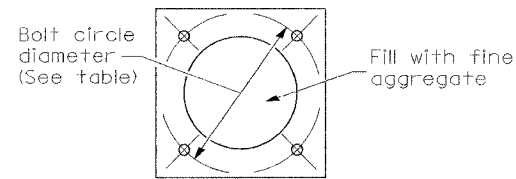
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DRAWN BY: N/A
 CHECKED BY: N/A

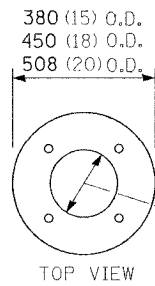
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	04-0009700BR	WILLIAMSON	272	83
STA.		TO STA.		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		

LIGHT POLE MOUNTING HEIGHT	STEEL FOUNDATION				CONCRETE FOUNDATION		
	BOLT CIRCLE DIAMETER	SHAFT DIAMETER	SHAFT DEPTH	TOP PLATE (min)	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ①
< 9.1 m (30')	292 (11.5)	220 (8 5/8)	1.83 m (6')	300 x 300 x 25 12 x 12 x 1	610 (24)	1.52 m (5'-0")	1.45 m (4'-9")
9.4 m - 10.7 m (31'-35')	292 (11.5)	220 (8 5/8)	1.83 m (6')	300 x 300 x 25 12 x 12 x 1	610 (24)	1.67 m (5'-6")	1.60 m (5'-3")
10.9 m - 12.2 m (36'-40')	381 (15) ③	220 (8 5/8)	1.83 m (6') ②	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	1.83 m (6'-0")	1.75 m (5'-9")
12.5 m - 13.7 m (41'-45')	381 (15) ③	220 (8 5/8)	1.83 m (6') ②	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	1.98 m (6'-6")	1.90 m (6'-3")
14.0 m - 15.2 m (46'-50')	381 (15) ③	220 (8 5/8)	2.44 m (8')	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	2.13m (7'-0")	2.00 m (6'-9")

- ① Length does not include 100(4)hook
- ② 220 mm x 2.44 m (8 5/8" x 8'-0") for Twin luminaires
- ③ Bolt circle diam. shall be 430 (17) when a TB3-17 transformer base is used



STEEL FOUNDATION



RING PLATE DETAIL

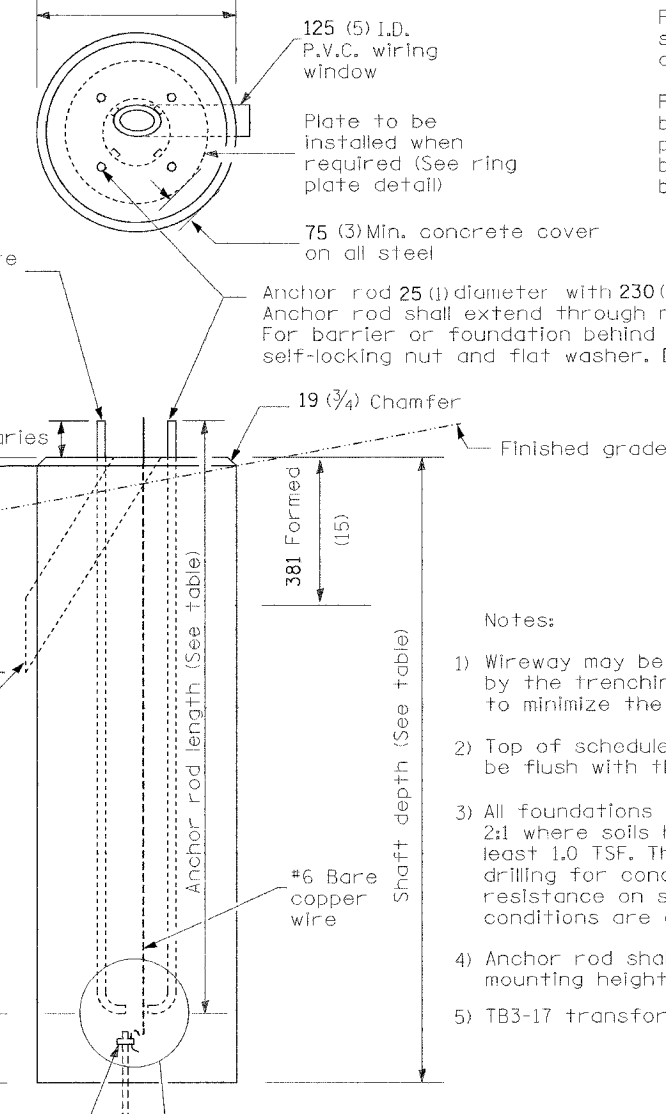
(When rock is encountered and foundation is shallower)

Length above foundation shall be adjusted to accommodate breakaway devices furnished by the contractor for a specific installation.

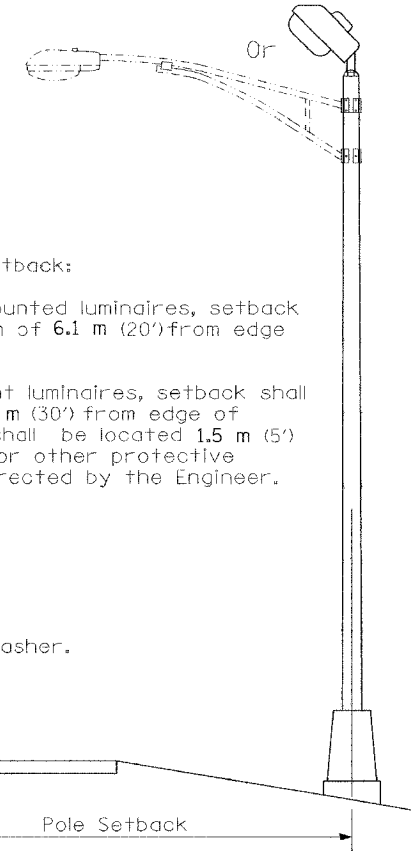
Use dirt removed from foundation to meet 1.52m (5 ft.) chord fill around foundation top. Grade dirt level with bottom of concrete chamfer.

- ④ If the required anchor rod length above top of foundation is less than 75 (3), anchor rods may be lowered below 150 (6).

610 (24) min. dia. with 292 (11.5) bolt circle
762 (30) min. dia. with 381 (15) or 432 (17) bolt circle



CONCRETE FOUNDATION



Pole Foundation Setback:

For horizontal mounted luminaires, setback shall be a minimum of 6.1 m (20') from edge of pavement.

For vertical mount luminaires, setback shall be a minimum of 9 m (30') from edge of pavement. Poles shall be located 1.5 m (5') behind guardrail or other protective barriers, or as directed by the Engineer.

Notes:

- 1) Wireway may be on front, back or side of foundation as required by the trenching. Place door of transformer base on wireway side to minimize the number of unit duct bends.
- 2) Top of schedule 40 125 (5) I.D. PVC wiring window, shall be flush with the top of foundation for drainage.
- 3) All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of c_t least 1.0 TSF. The contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance on steel foundations and notify the engineer if other conditions are encountered.
- 4) Anchor rod shall be increased to 31 (1 1/4) diameter for 15.24 (50') mounting height or above.
- 5) TB3-17 transformer base is not to be used on metal foundation

All dimensions are in millimeters (inches) unless otherwise shown.

10/7/02 Bridge Office depth calc.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHTING PLAN
LIGHT POLE FOUNDATION
MORGAN AVENUE INTERCHANGE
FAP ROUTE 57 WITH FAU ROUTE 971B
WILLIAMSON COUNTY

8 OF 9

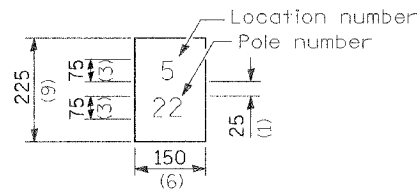
SCALE: N/A
DATE: 3-19-2007

DRAWN BY: N/A
CHECKED BY: N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	04-0009700BR	WILLIAMSON	272	84
STA. TO STA.				
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

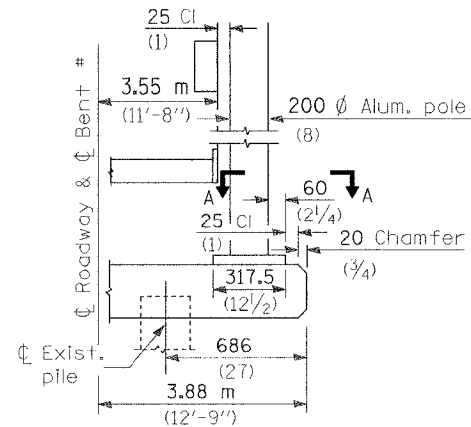
Thickness of aluminum pole shaft shall be a minimum 0.312 Inch.

Install and orient arm bracket over pole tenon and firmly hand tighten the two set screws. Use third hole in arm bracket as a guide to drill a 8.3 (21/64) diameter hole through tenon. Install and tighten self-tapping screw. Tighten set screws an additional 1/4 to 3/8 turn with hex key. Install locknuts on set screws if threaded projection allows.

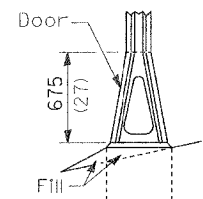


The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements of section T602.01 of the Standard Specifications for Traffic Control Items. The numerals shall conform to the FHWA "Standard Alphabets for Highway Signs".

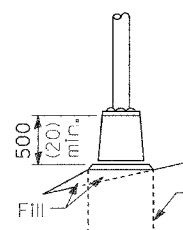
The light pole identification shall be applied to sign base material as specified in section 1085.05 of the Standard Specifications, approximately 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 2319.



BENT #
(Looking)

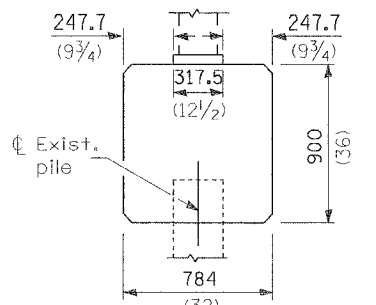


STAINLESS STEEL FLAIR BASE

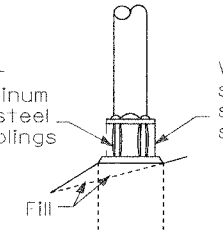


TRANSFORMER BASE

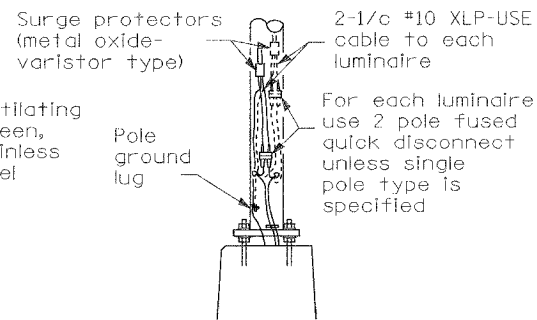
FRANGIBLE



BRIDGE PIER MOUNT



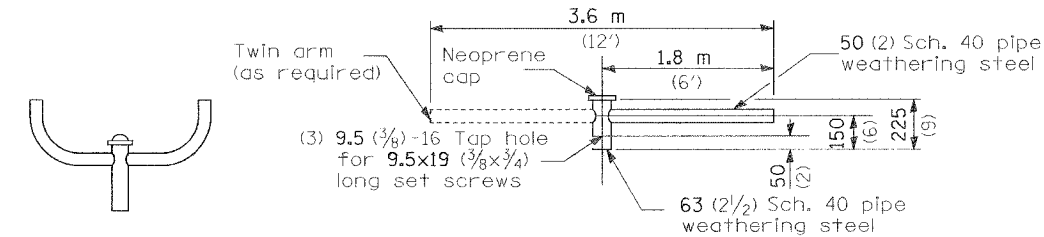
BREAKAWAY COUPLING



ANCHOR

METAL OR CONCRETE

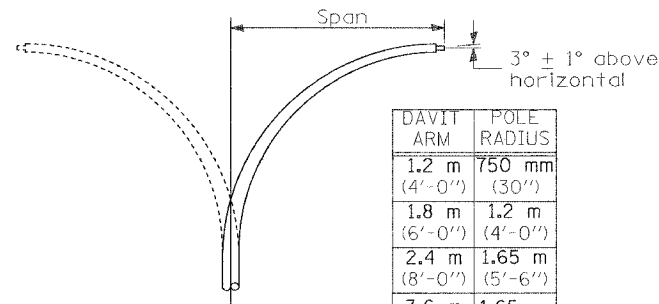
Details for underground distribution if required



TWIN TENON

TENON MOUNT BRACKET ARM

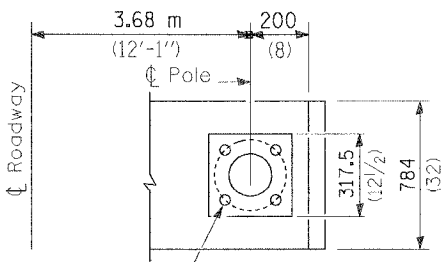
NOTE: Single or twin arm assembly shall be tilted 3° above horizontal.



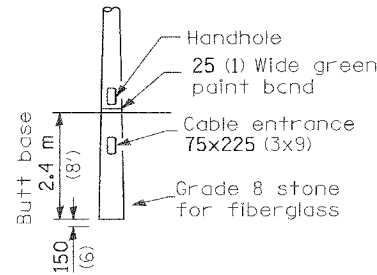
DAVIT ARM

DAVIT ARM-TWIN

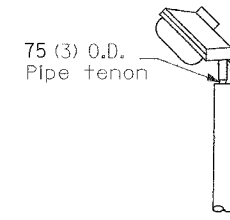
DAVIT ARM	POLE RADIUS
1.2 m (4'-0")	750 mm (30")
1.8 m (6'-0")	1.2 m (4'-0")
2.4 m (8'-0")	1.65 m (5'-6")
3.6 m (12'-0")	1.65 m (5'-6")



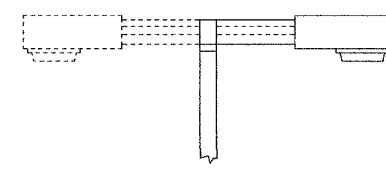
SECTION A-A



BUTT BASE

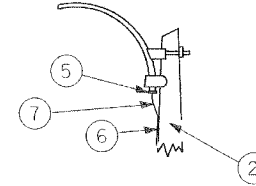


TENON

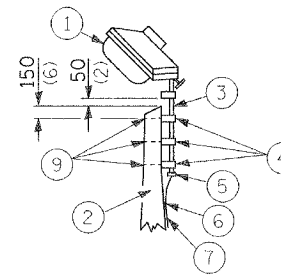


SHORT BRACKET

SHORT BRACKET - TWIN



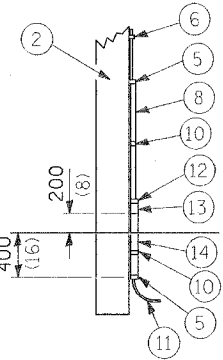
MAST ARM



TENON

- ① Luminaire
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 2/c #12 Type use cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length

- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- ⑩ Conduit clamps on 900 (36) centers
- ⑪ Unit duct
- ⑫ Threaded reducer
- ⑬ "C" Condulet, threaded
- ⑭ 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.



POLE, WOOD

POLE LENGTH	DEPTH IN GROUND
19.8 m (65')	3.6 m (12')
18.0 m (60')	3.0 m (10')
16.8 m (55')	2.7 m (9')
16.0 m (50')	2.4 m (8')
13.7 m (45')	2.1 m (7')
12.0 m (40')	2.0 m (6.5')
10.7 m (35')	1.8 m (6')
9.0 m (30')	1.7 m (5.5')

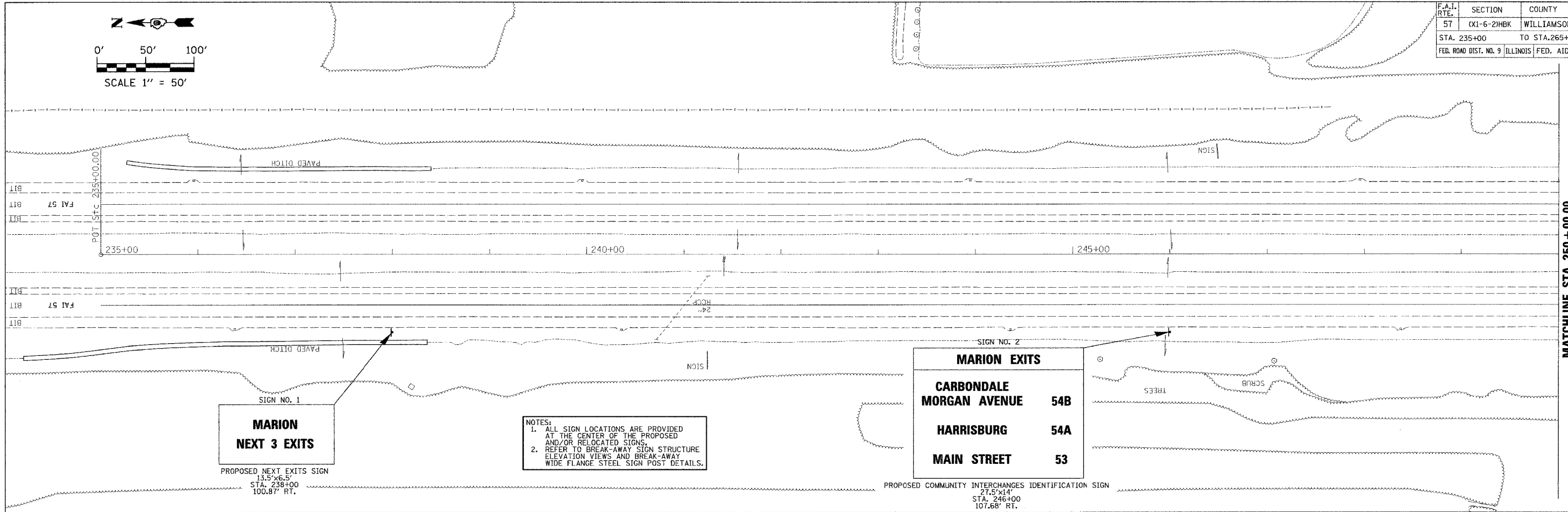
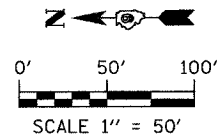
All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**LIGHTING PLAN
POLE STANDARDS**
MORGAN AVENUE INTERCHANGE
FAP ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

SCALE: N/A
DATE: 3-19-2007
DRAWN BY: N/A
CHECKED BY: N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	CX1-6-2JHBK	WILLIAMSON	272	85
STA. 235+00		TO STA. 265+00		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



SIGN NO. 1
MARION
NEXT 3 EXITS

PROPOSED NEXT EXITS SIGN
13.5'x36.5'
STA. 238+00
100.87' RT.

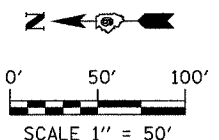
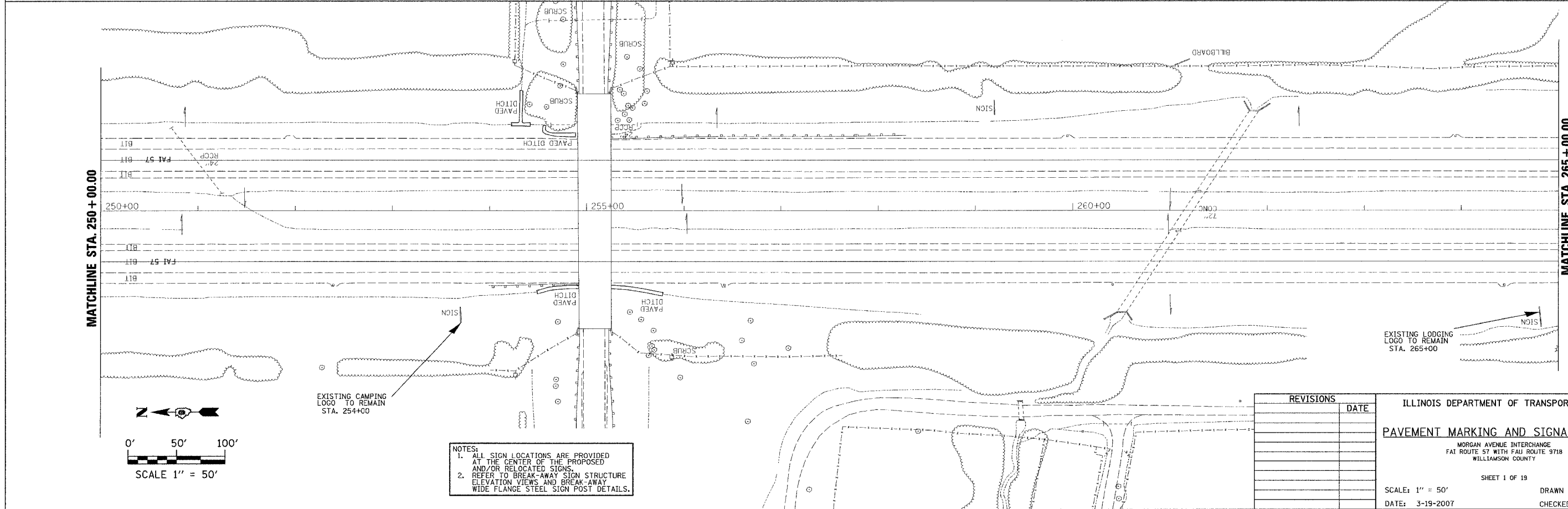
NOTES:
1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.

SIGN NO. 2
MARION EXITS
CARBONDALE **54B**
MORGAN AVENUE
HARRISBURG **54A**
MAIN STREET **53**

PROPOSED COMMUNITY INTERCHANGES IDENTIFICATION SIGN
27.5'x14'
STA. 246+00
107.68' RT.

MATCHLINE STA. 250+00.00

MATCHLINE STA. 265+00.00



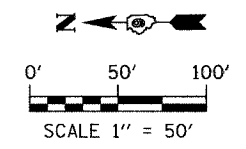
NOTES:
1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.

REVISIONS	DATE

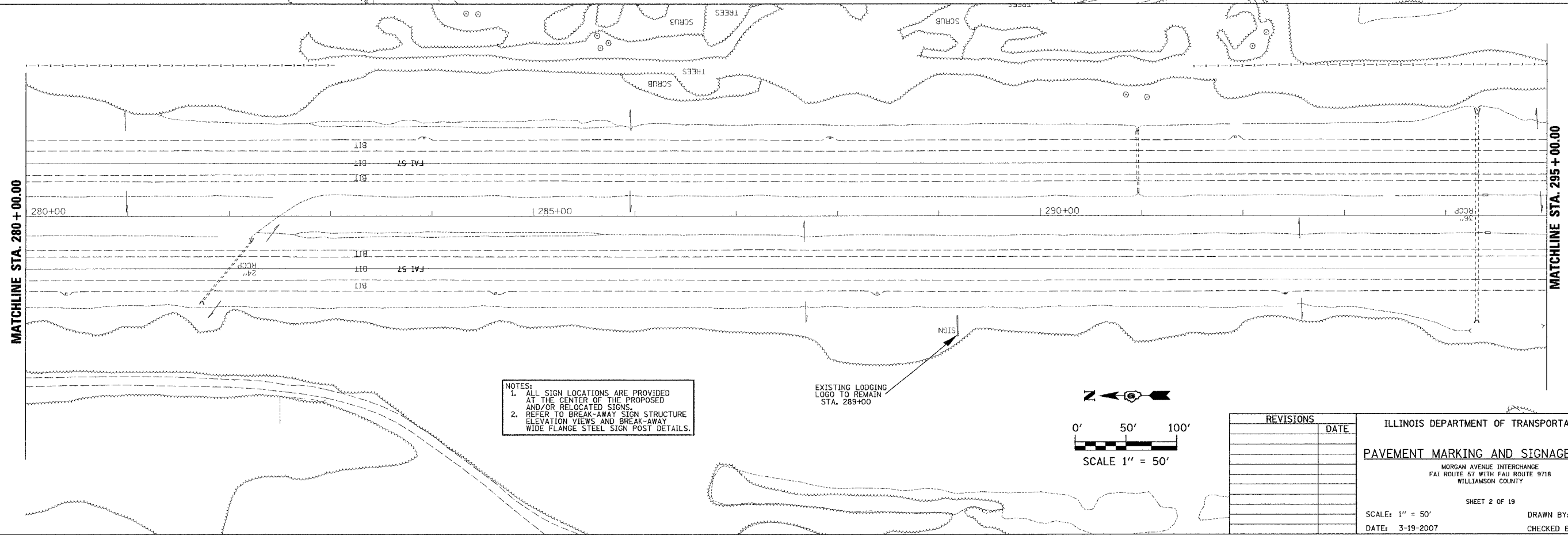
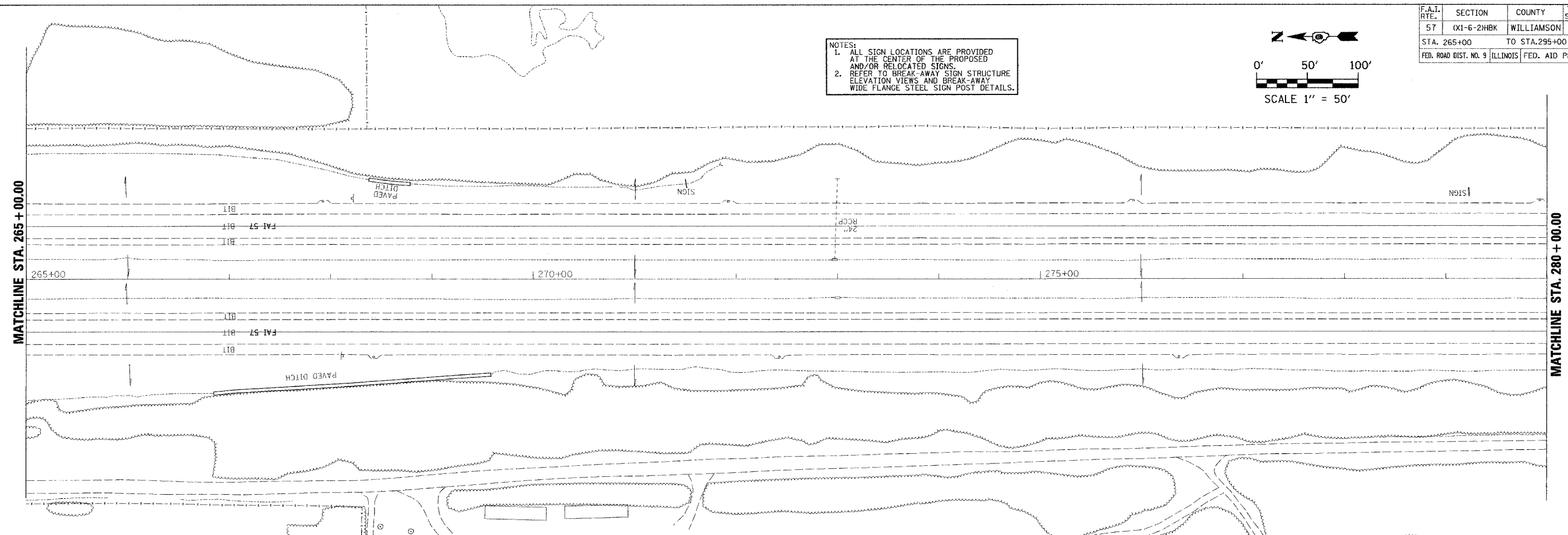
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNAGE PLANS
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY
SHEET 1 OF 19
SCALE: 1" = 50'
DATE: 3-19-2007
DRAWN BY: DH
CHECKED BY: RD

PLOT DATE = 3/18/2007
FILE NAME = F:\046680\sign\04060809.dgn
PLOT SCALE = 50.0000 / IN.
USER NAME = chester

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HKB	WILLIAMSON	272	86
STA. 265+00		TO STA. 295+00		
FED. ROAD DIST. NO. 9		ILLINOIS	FED. AID PROJECT	



NOTES:
 1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
 2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.



NOTES:
 1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
 2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.

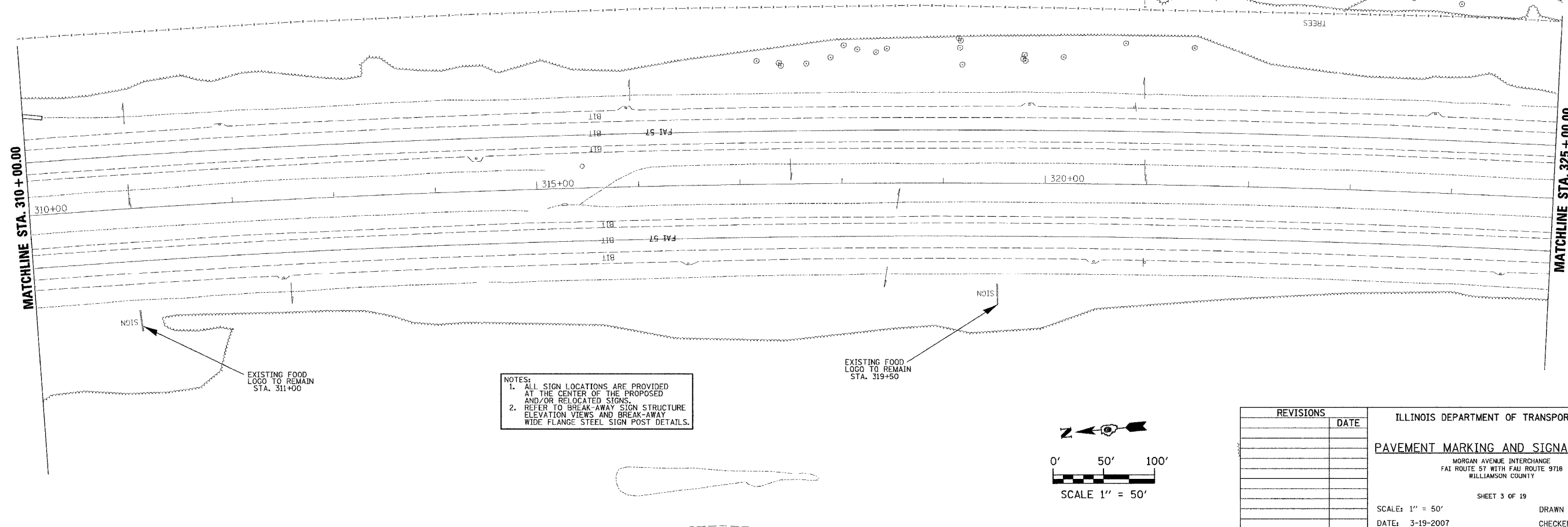
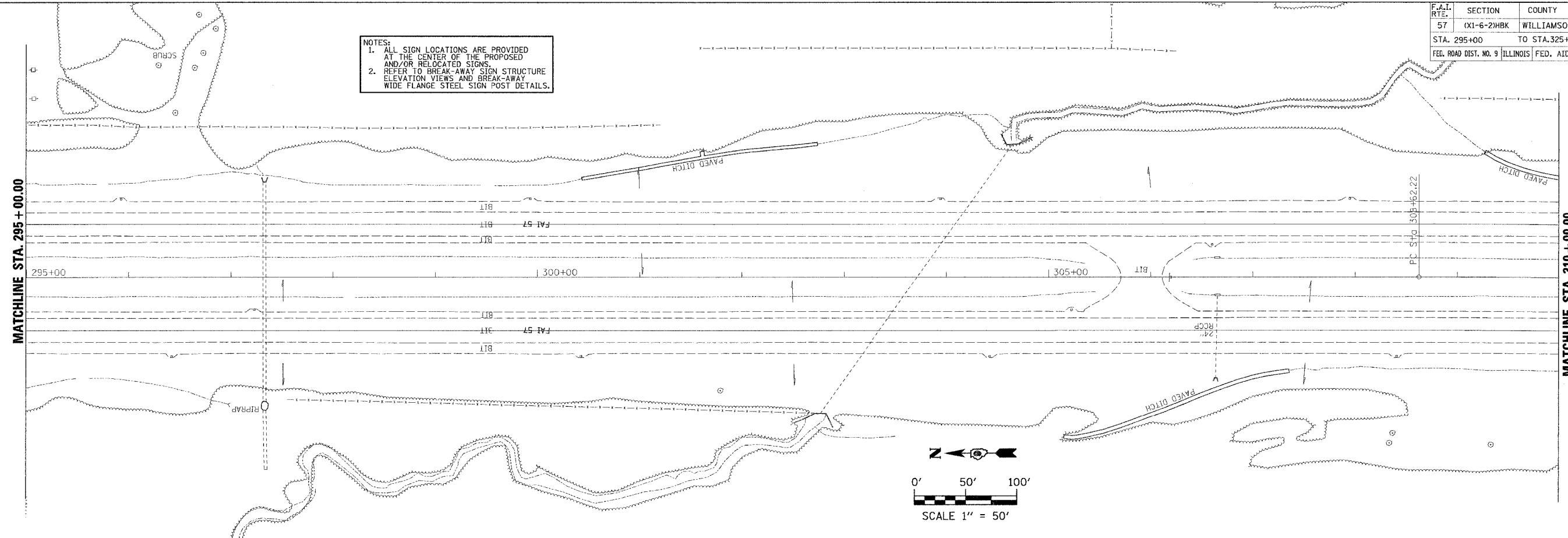
REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNAGE PLANS
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY
 SHEET 2 OF 19
 SCALE: 1" = 50'
 DATE: 3-19-2007
 DRAWN BY: DH
 CHECKED BY: RD

PLOT DATE = 3/19/2007
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 PLOT SCALE = 1/8" = 1' / IN.
 USER NAME = dcherry

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	87
STA. 295+00 TO STA. 325+00			FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT	

NOTES:
 1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
 2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.



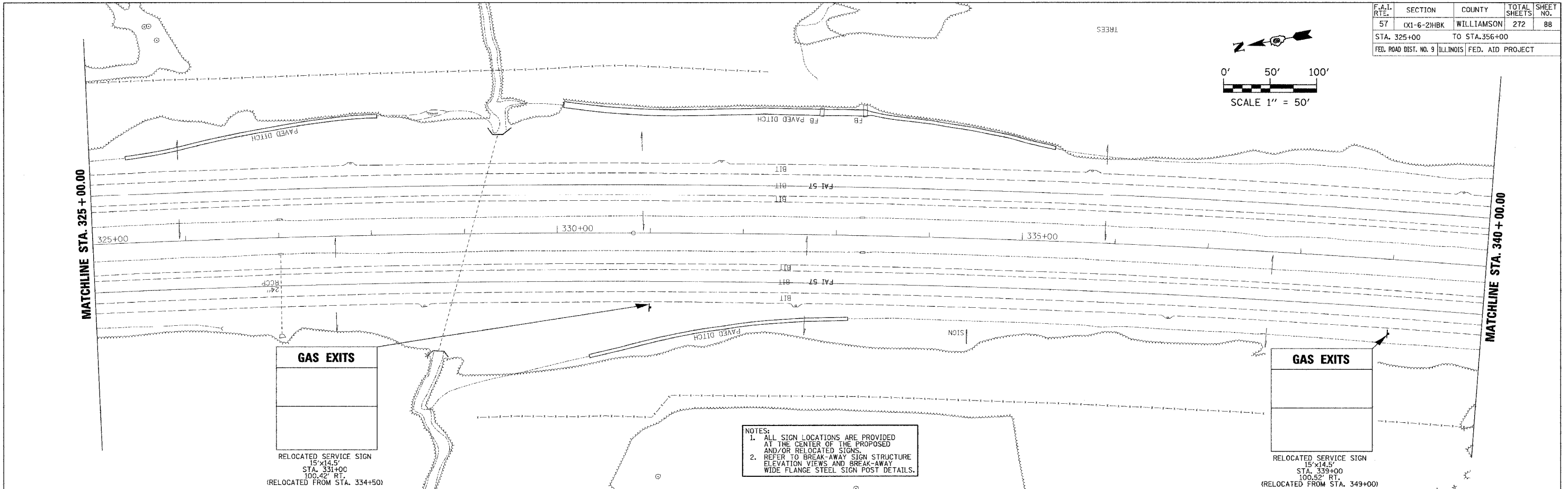
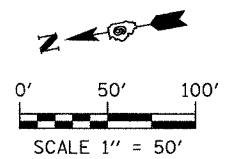
NOTES:
 1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
 2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNAGE PLANS
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9716
 WILLIAMSON COUNTY
 SHEET 3 OF 19
 SCALE: 1" = 50'
 DATE: 3-19-2007
 DRAWN BY: DH
 CHECKED BY: RD

PLOT DATE = 3/19/2007
 FILE NAME = F:\046600\dm\046600.dgn
 PLOT SCALE = 1/4" = 100'
 USER NAME = dhs

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	88
STA. 325+00 TO STA. 356+00				
FED. ROAD DIST. NO. 9 ILLINOIS			FED. AID PROJECT	



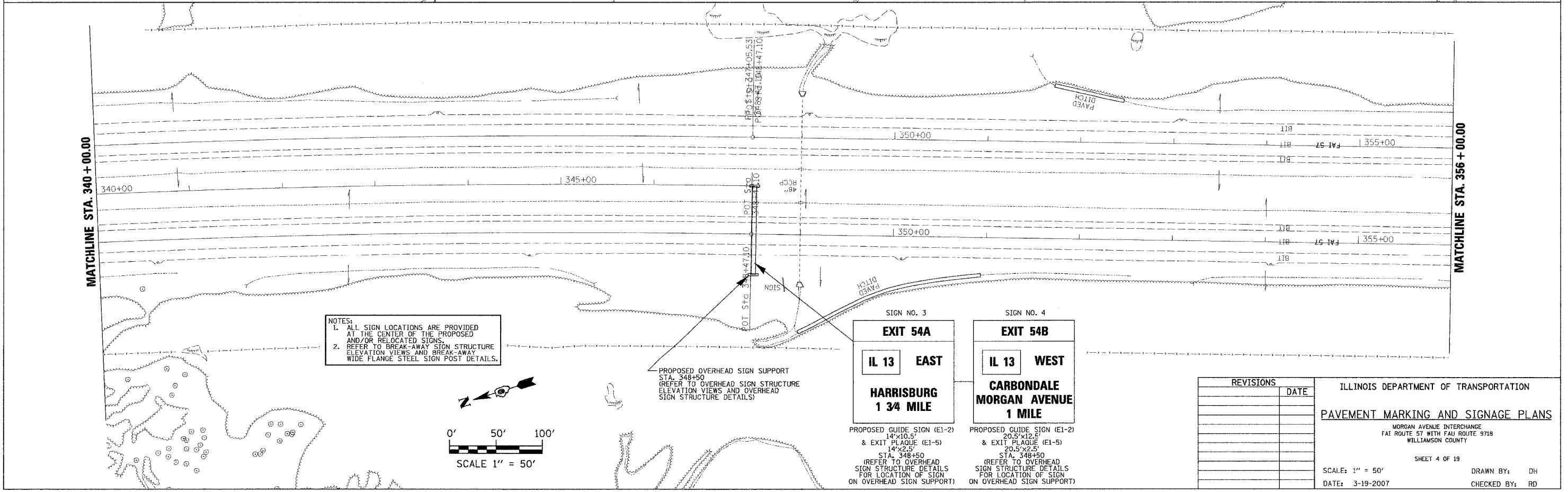
GAS EXITS

RELOCATED SERVICE SIGN
15'x14.5'
STA. 331+00
100.42' RT.
(RELOCATED FROM STA. 334+50)

GAS EXITS

RELOCATED SERVICE SIGN
15'x14.5'
STA. 339+00
100.52' RT.
(RELOCATED FROM STA. 349+00)

NOTES:
1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.



NOTES:
1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.

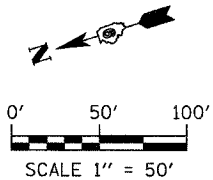
PROPOSED OVERHEAD SIGN SUPPORT
STA. 348+50
(REFER TO OVERHEAD SIGN STRUCTURE ELEVATION VIEWS AND OVERHEAD SIGN STRUCTURE DETAILS)

SIGN NO. 3
EXIT 54A
IL 13 EAST
HARRISBURG
1 3/4 MILE

PROPOSED GUIDE SIGN (E1-2) 14'x10.5' & EXIT PLAQUE (E1-5) 14'x2.5' STA. 348+50 (REFER TO OVERHEAD SIGN STRUCTURE DETAILS FOR LOCATION OF SIGN ON OVERHEAD SIGN SUPPORT)

SIGN NO. 4
EXIT 54B
IL 13 WEST
CARBONDALE
MORGAN AVENUE
1 MILE

PROPOSED GUIDE SIGN (E1-2) 20.5'x12.5' & EXIT PLAQUE (E1-5) 20.5'x2.5' STA. 348+50 (REFER TO OVERHEAD SIGN STRUCTURE DETAILS FOR LOCATION OF SIGN ON OVERHEAD SIGN SUPPORT)

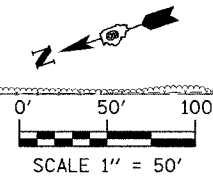


REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNAGE PLANS
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 5718
WILLIAMSON COUNTY
SHEET 4 OF 19
SCALE: 1" = 50'
DATE: 3-19-2007
DRAWN BY: DH
CHECKED BY: RD

PLOT DATE = 3/19/2007
FILE NAME = P:\0448900\sign\04060808.dwg
PLOT SCALE = 50.0000 / 1 IN.
USER NAME = drcermer

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	89
STA. 356+00		TO STA. 386+00		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



MATCHLINE STA. 356 + 00.00

MATCHLINE STA. 371 + 00.00

MATCHLINE STA. 371 + 00.00

MATCHLINE STA. 386 + 00.00

CEDAR GROVE ROAD

FAI RTE 57

FAI RTE 57

JOHN A LOGAN COLLEGE
SOUTHERN ILLINOIS UNIVERSITY
EXIT 54B

SOUTHEASTERN ILLINOIS UNIVERSITY
EXIT 54A

RELOCATED TOURIST DIRECTIONAL SIGN
23.5'x11'
STA. 359+00
51.74' RT.
(RELOCATED FROM STA. 393+00)

NOTES:
1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.

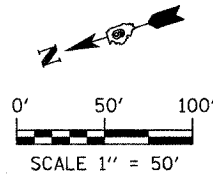
CRAB ORCHARD NATIONAL WILDLIFE REFUGE
WILLIAMSON COUNTY AIRPORT
EXIT 54B

RELOCATED TOURIST DIRECTIONAL SIGN
14'x14'
STA. 367+00
51.86' RT.
(RELOCATED FROM STA. 467+00)

SIGN NO. 5
EXIT 54B
IL 13 WEST
CARBONDALE
1/2 MILE

PROPOSED GUIDE SIGN (E1-2)
15'x10.5'
& EXIT PLAQUE (E1-5)
15'x2.5'
STA. 375+00
49.27' RT.

NOTES:
1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.



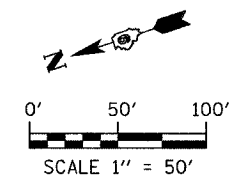
REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNAGE PLANS
MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

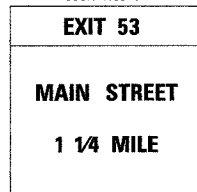
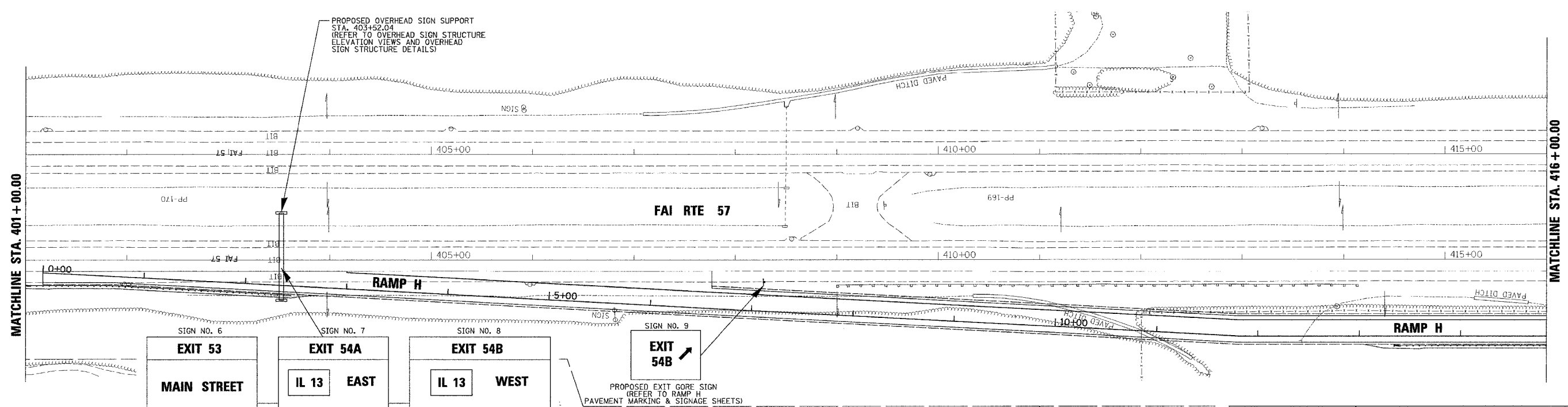
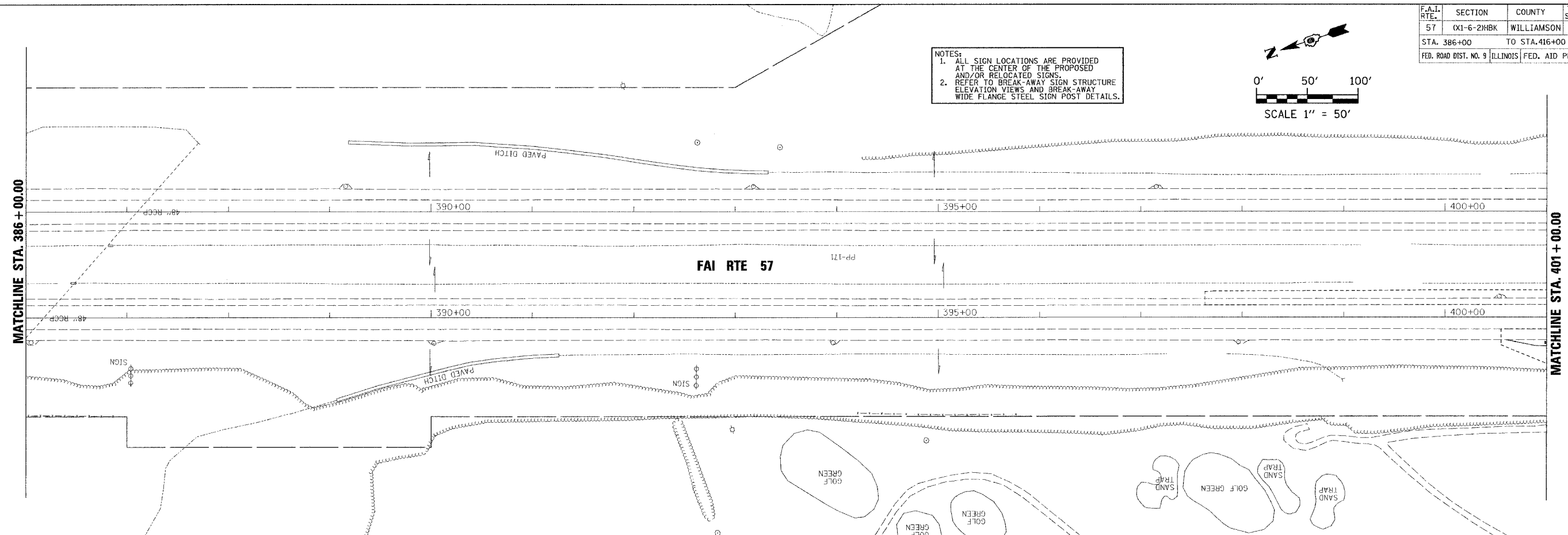
SHEET 5 OF 19
SCALE: 1" = 50'
DATE: 3-19-2007
DRAWN BY: DH
CHECKED BY: RD

PLOT DATE = 3/19/2007
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PLOT SCALE = ER040603 / IN.
USER NAME = dhoerner

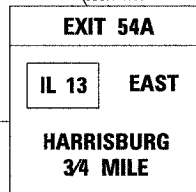
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HNBK	WILLIAMSON	272	90
STA. 386+00		TO STA. 416+00		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



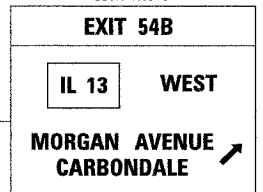
NOTES:
 1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
 2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.



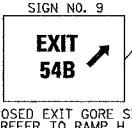
PROPOSED GUIDE SIGN (E1-2) 16.5'x7.5' & EXIT PLAQUE (E1-5) 16.5'x2.5' STA. 403+52.04 (REFER TO OVERHEAD SIGN STRUCTURE DETAILS FOR LOCATION OF SIGN ON OVERHEAD SIGN SUPPORT)



PROPOSED GUIDE SIGN (E1-2) 14'x10.5' & EXIT PLAQUE (E1-5) 14'x2.5' STA. 403+52.04 (REFER TO OVERHEAD SIGN STRUCTURE DETAILS FOR LOCATION OF SIGN ON OVERHEAD SIGN SUPPORT)

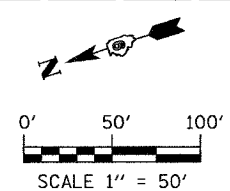


PROPOSED GUIDE SIGN (E1-2) 24.5'x10.5' & EXIT PLAQUE (E1-5) 24.5'x2.5' STA. 403+52.04 (REFER TO OVERHEAD SIGN STRUCTURE DETAILS FOR LOCATION OF SIGN ON OVERHEAD SIGN SUPPORT)



PROPOSED EXIT GORE SIGN (REFER TO RAMP H PAVEMENT MARKING & SIGNAGE SHEETS)

NOTES:
 1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
 2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.

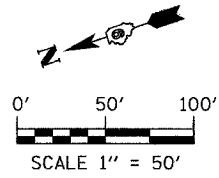


REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNAGE PLANS
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY
 SHEET 6 OF 19
 SCALE: 1" = 50'
 DATE: 3-19-2007
 DRAWN BY: DH
 CHECKED BY: RD

PLOT DATE = 3/19/2007
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 PLOT SCALE = 1/8" = 100'
 USER NAME = dbrunner

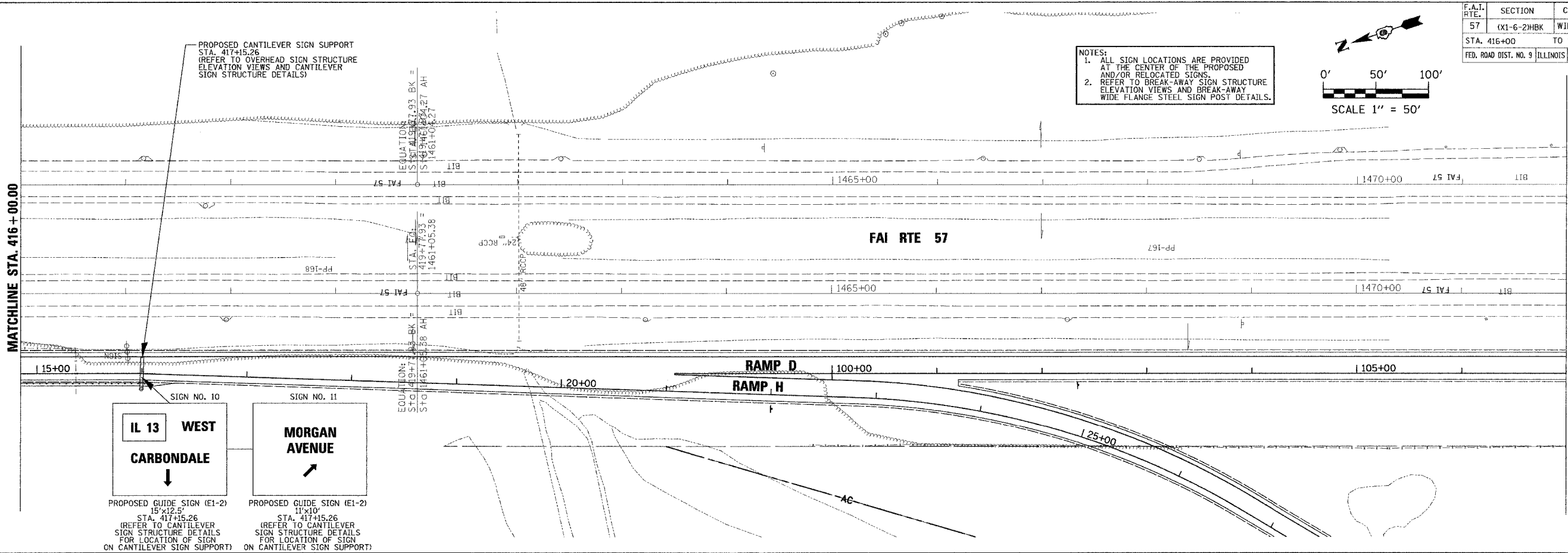
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	91
STA. 416+00		TO STA. 1487+00		
FEB. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



NOTES:
 1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
 2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.

MATCHLINE STA. 416 + 00.00

MATCHLINE STA. 1472 + 00.00

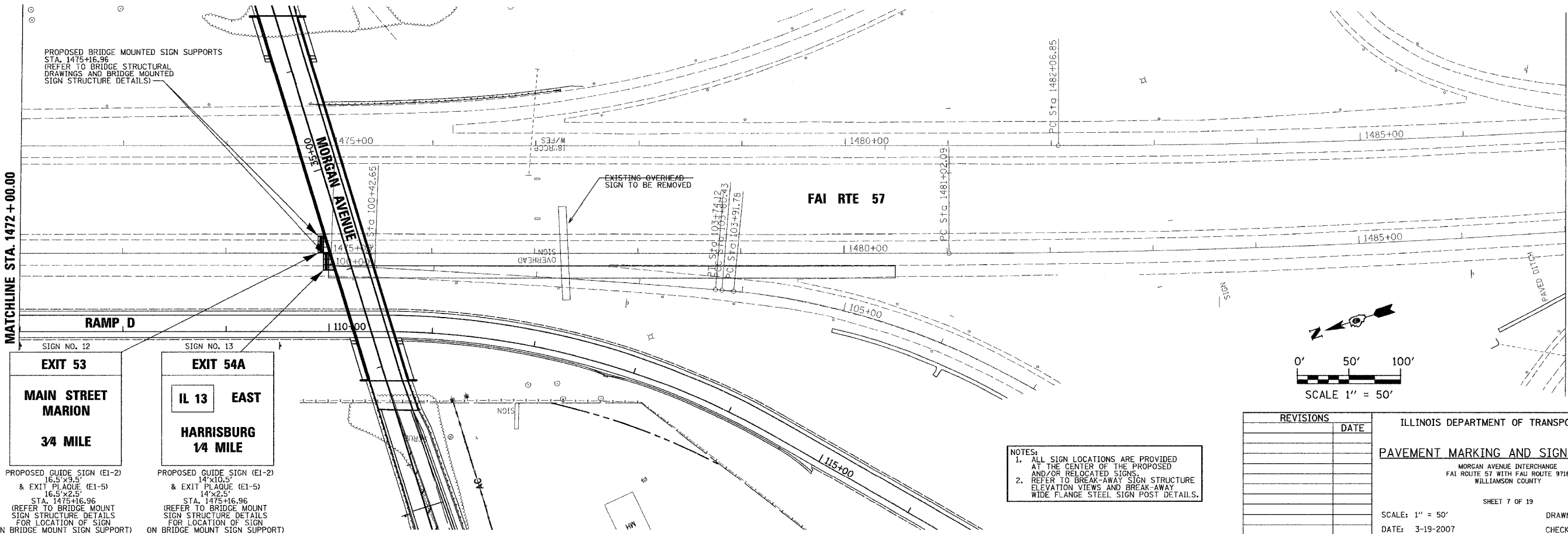


SIGN NO. 10
IL 13 WEST
CARBONDALE
 PROPOSED GUIDE SIGN (E1-2)
 15'x12.5'
 STA. 417+15.26
 (REFER TO CANTILEVER SIGN STRUCTURE DETAILS FOR LOCATION OF SIGN ON CANTILEVER SIGN SUPPORT)

SIGN NO. 11
MORGAN AVENUE
 PROPOSED GUIDE SIGN (E1-2)
 11'x10'
 STA. 417+15.26
 (REFER TO CANTILEVER SIGN STRUCTURE DETAILS FOR LOCATION OF SIGN ON CANTILEVER SIGN SUPPORT)

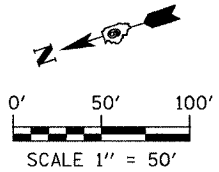
MATCHLINE STA. 1472 + 00.00

STA. 1487 + 00.00



SIGN NO. 12
EXIT 53
MAIN STREET MARION
3/4 MILE
 PROPOSED GUIDE SIGN (E1-2) & EXIT PLAQUE (E1-5)
 16.5'x9.5'
 16.5'x2.5'
 STA. 1475+16.96
 (REFER TO BRIDGE MOUNT SIGN STRUCTURE DETAILS FOR LOCATION OF SIGN ON BRIDGE MOUNT SIGN SUPPORT)

SIGN NO. 13
IL 13 EAST
HARRISBURG 1/4 MILE
 PROPOSED GUIDE SIGN (E1-2) & EXIT PLAQUE (E1-5)
 14'x10.5'
 14'x2.5'
 STA. 1475+16.96
 (REFER TO BRIDGE MOUNT SIGN STRUCTURE DETAILS FOR LOCATION OF SIGN ON BRIDGE MOUNT SIGN SUPPORT)

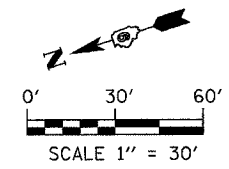
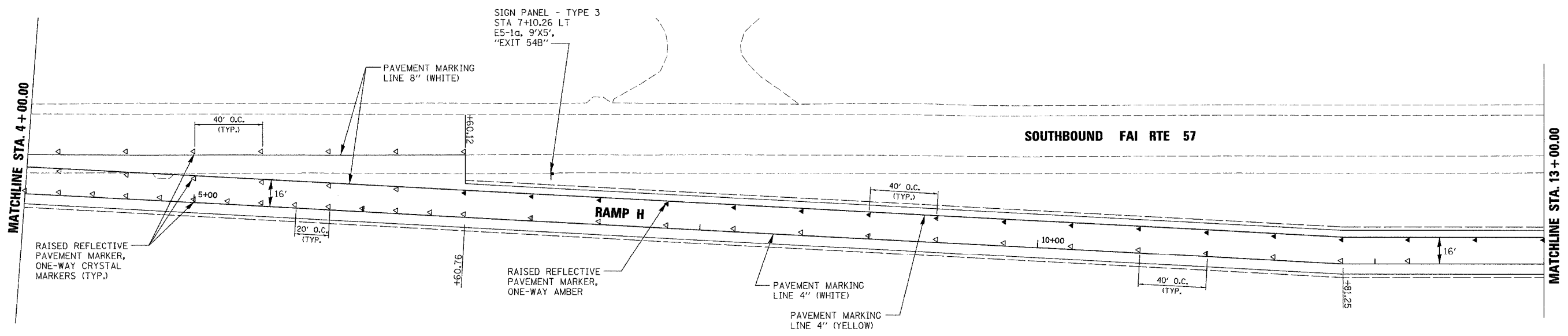
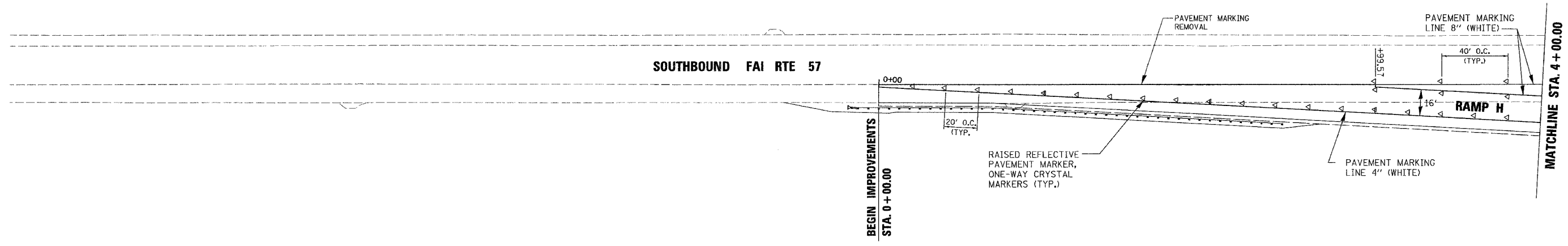
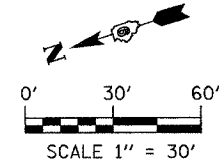


NOTES:
 1. ALL SIGN LOCATIONS ARE PROVIDED AT THE CENTER OF THE PROPOSED AND/OR RELOCATED SIGNS.
 2. REFER TO BREAK-AWAY SIGN STRUCTURE ELEVATION VIEWS AND BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS.

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNAGE PLANS
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAI ROUTE 9718
 WILLIAMSON COUNTY
 SHEET 7 OF 19
 SCALE: 1" = 50'
 DATE: 3-19-2007
 DRAWN BY: DH
 CHECKED BY: RD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	92
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT		

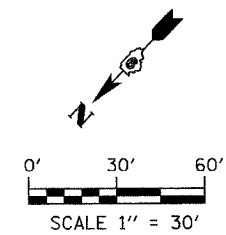
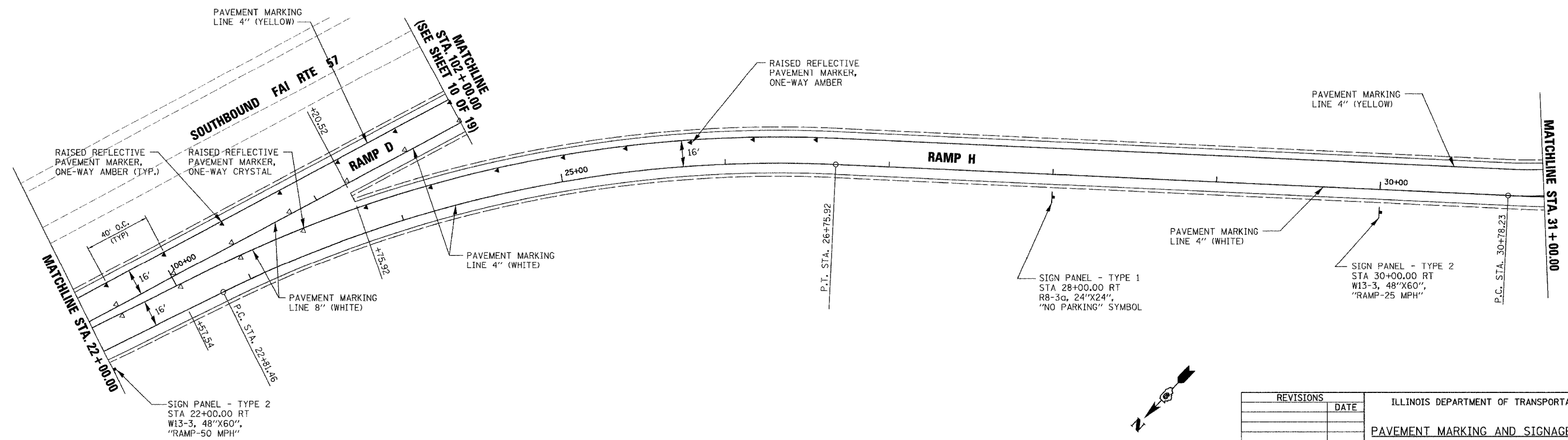
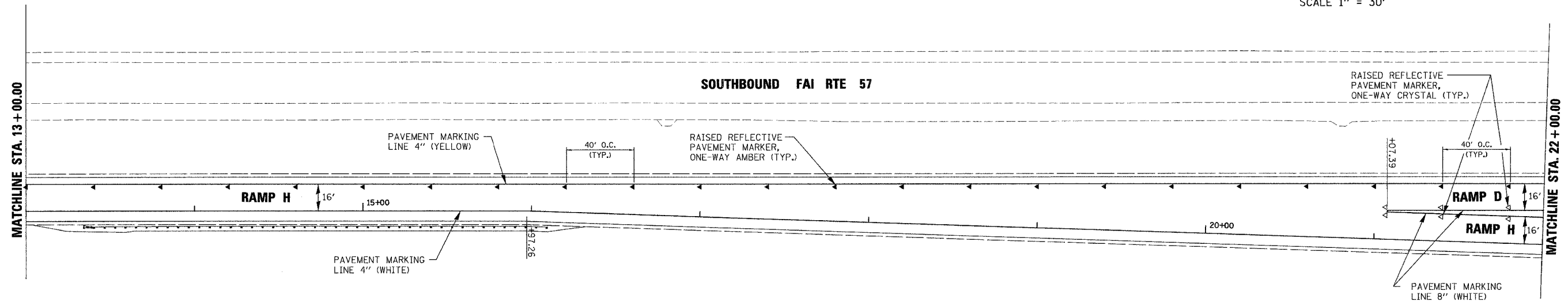
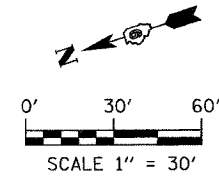


REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNAGE PLANS
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY
 SHEET 8 OF 19
 SCALE: 1" = 30'
 DATE: 3-19-2007
 DRAWN BY: DH
 CHECKED BY: RD

PLOT DATE = 3/19/2007
 FILE NAME = F:\046580\sgn\040800pm01.dgn
 PLOT SCALE = 30.0000 / IN.
 USER NAME = dhoener

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	93
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		

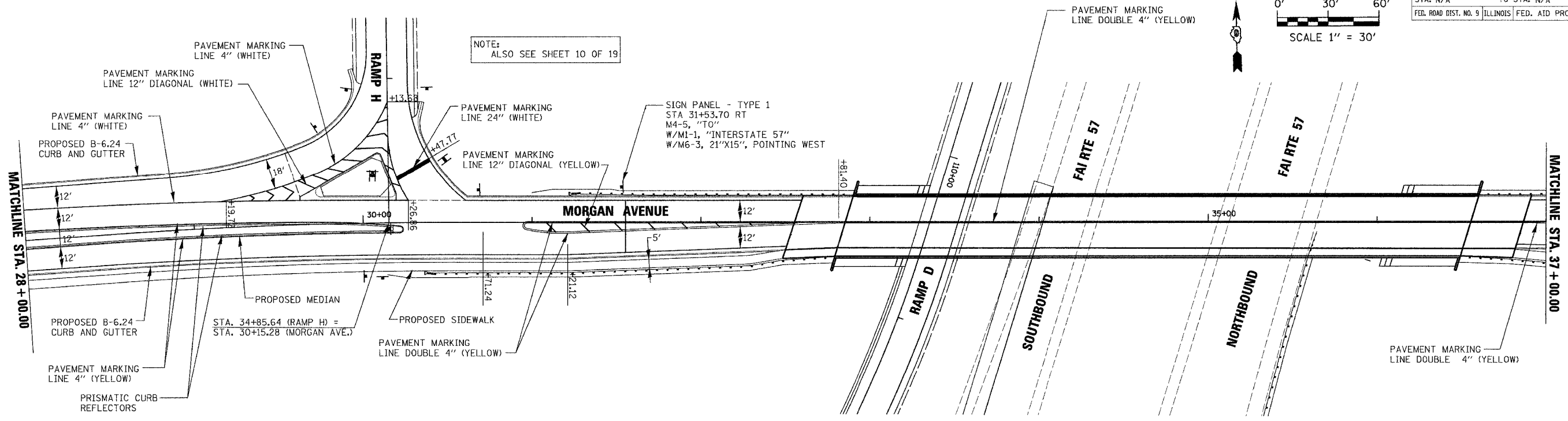
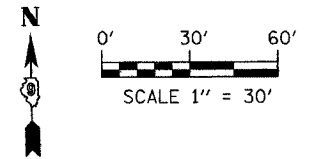


REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNAGE PLANS
 MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 971B
 WILLIAMSON COUNTY
 SHEET 9 OF 19
 SCALE: 1" = 30'
 DATE: 3-19-2007
 DRAWN BY: DH
 CHECKED BY: RD

PLOT DATE = 3/19/2007
 FILE NAME = F:\046898\046898.dgn
 PLOT SCALE = 38.20000 / IN.
 USER NAME = dhschmitt

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	97
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		

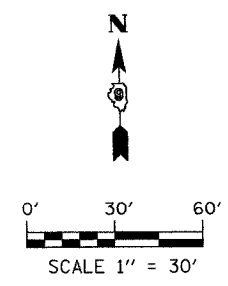
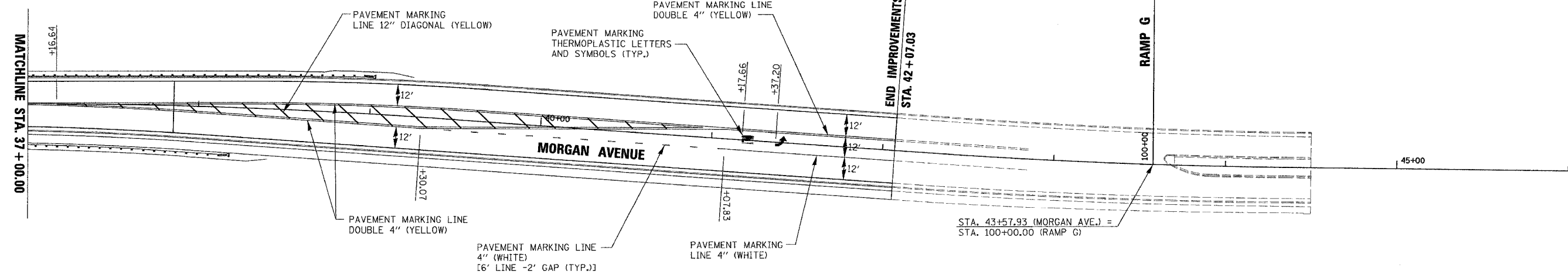


NOTE:
ALSO SEE SHEET 10 OF 19

SIGN PANEL - TYPE 1
STA 31+53.70 RT
M4-5, "TO"
W/M1-1, "INTERSTATE 57"
W/M6-3, 21"X15", POINTING WEST

STA. 34+85.64 (RAMP H) =
STA. 30+15.28 (MORGAN AVE.)

STA. 43+57.93 (MORGAN AVE.) =
STA. 100+00.00 (RAMP G)



REVISIONS		DATE
NO.	DESCRIPTION	

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLANS

MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

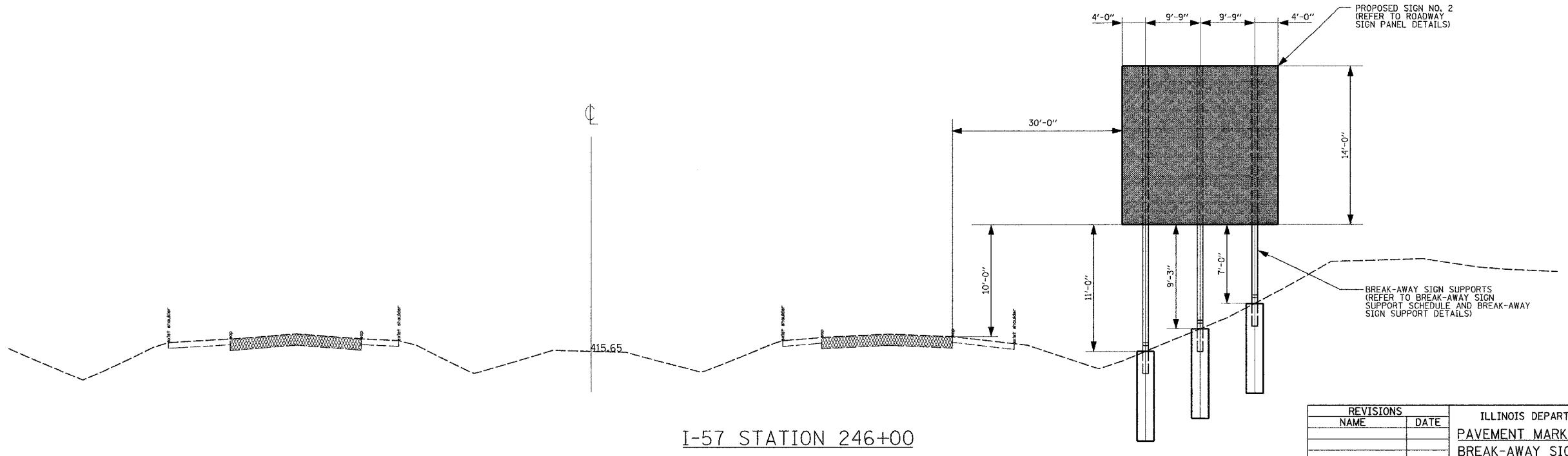
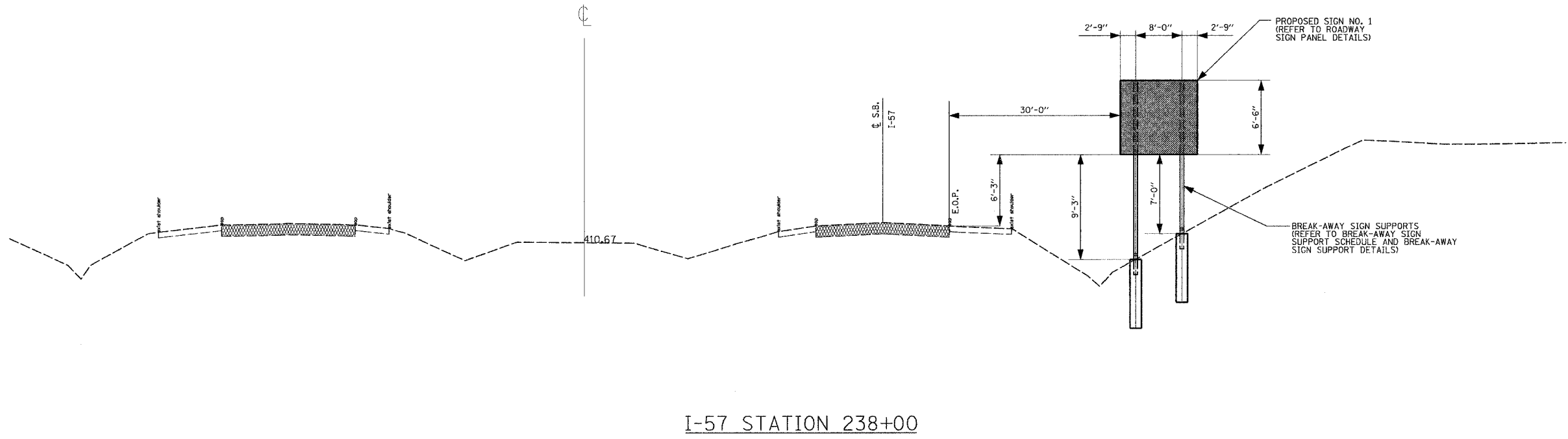
SHEET 13 OF 19

SCALE: 1" = 30'
DATE: 3-19-2007

DRAWN BY: DH
CHECKED BY: RD

PLOT DATE = 3/18/2007
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PLOT SCALE = 3/8" = 1'-0"
USER NAME = dcherner

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	98
STA.	TO STA.			
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKING AND SIGNAGE PLANS
 BREAK-AWAY SIGN SUPPORT ELEVATIONS

MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY

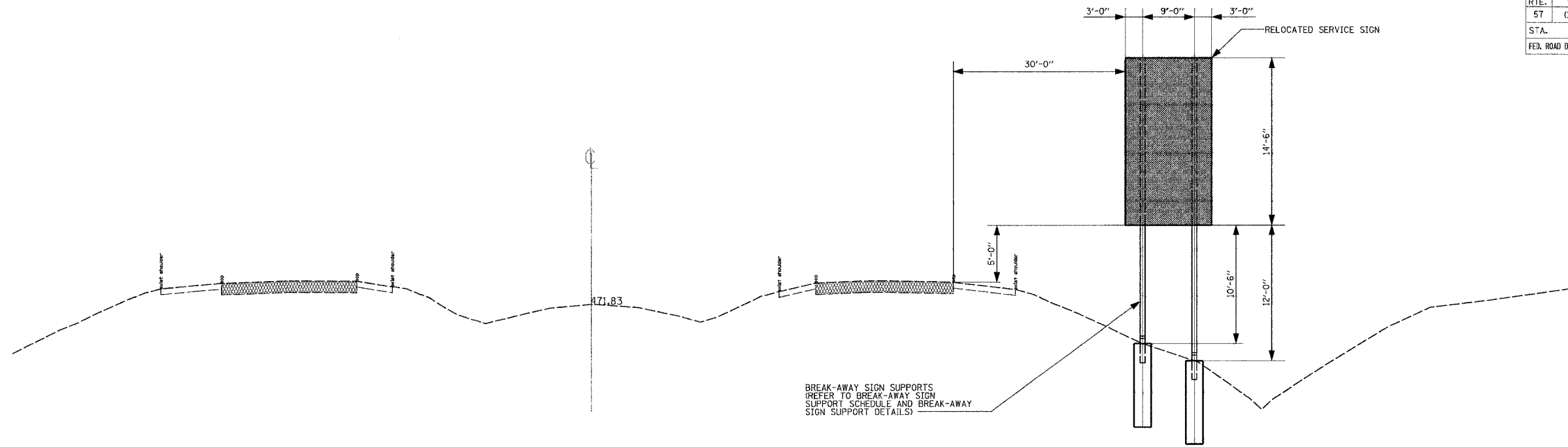
SHEET 14 OF 19

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 DATE: 3-19-2007

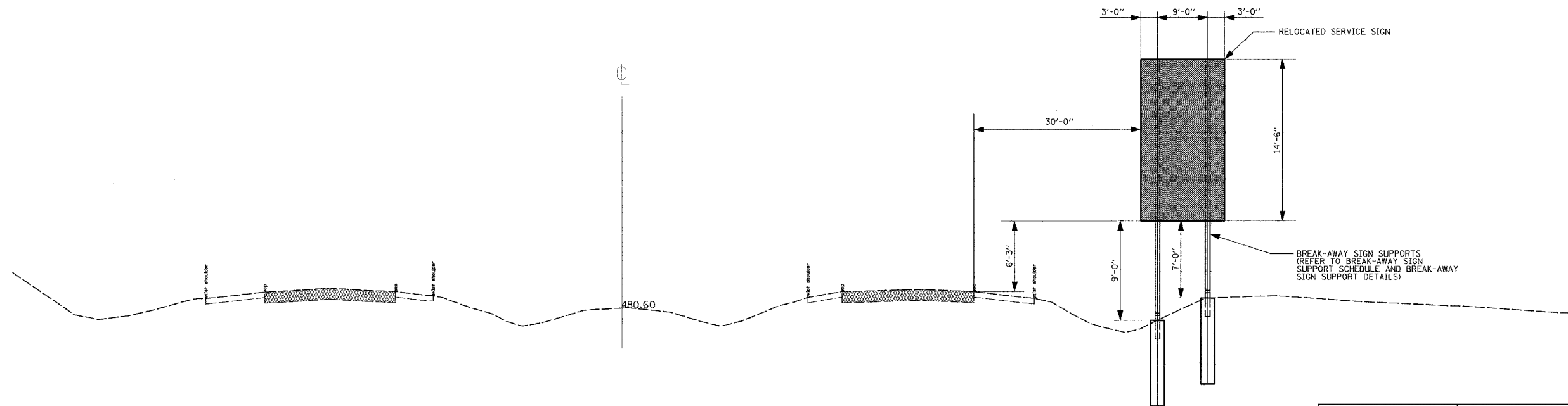
DRAWN BY: DH
 CHECKED BY: RD

PLOT DATE = 3/19/2007
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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = dchamber

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	0X1-6-2HBK	WILLIAMSON	272	99
STA.	TO STA.			
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT		



I-57 STATION 331+00



I-57 STATION 339+00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKING AND SIGNAGE PLANS
 BREAK-AWAY SIGN SUPPORT ELEVATIONS

MORGAN AVENUE INTERCHANGE
 FAI ROUTE 57 WITH FAU ROUTE 9718
 WILLIAMSON COUNTY

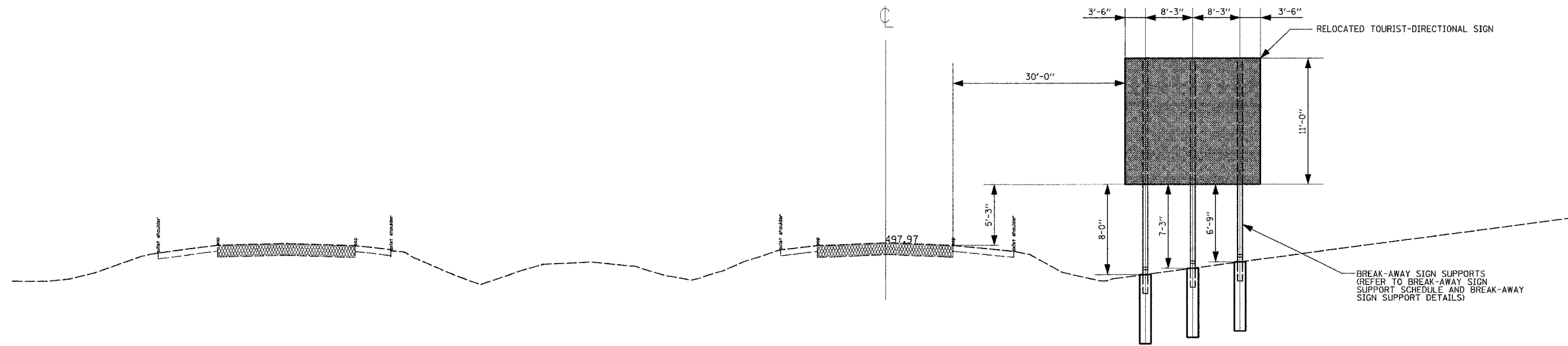
SHEET 15 OF 19

SCALE: N/A
 DATE 3-19-2007

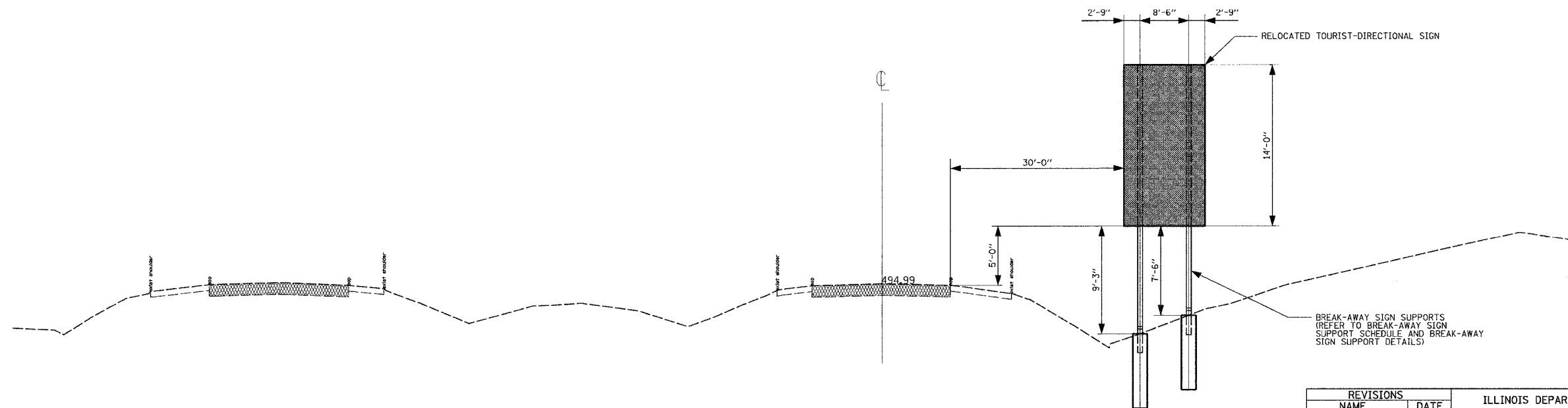
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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = dhoerner

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HKB	WILLIAMSON	272	100
STA.		TO STA.		
FEL. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		



I-57 STATION 359+00



I-57 STATION 367+00

PLOT DATE = 3/19/2007
 FILE NAME = F:\046580\pdm\046580a-d.tbl.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = dhoerner

REVISIONS		DATE
NAME		

ILLINOIS DEPARTMENT OF TRANSPORTATION	
PAVEMENT MARKING AND SIGNAGE PLANS	
BREAK-AWAY SIGN SUPPORT ELEVATIONS	
MORGAN AVENUE INTERCHANGE	
FAI ROUTE 57 WITH FAI ROUTE 971A	
WILLIAMSON COUNTY	
SHEET 16 OF 19	
SCALE: N/A	DRAWN BY: DH
DATE: 3-19-2007	CHECKED BY: RD