

76709  
★ 420+11=431

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-10K-1, 60-10HB	MADISON	420	1

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR LIST OF STANDARDS, SEE SHEET NO. 2

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 55/70

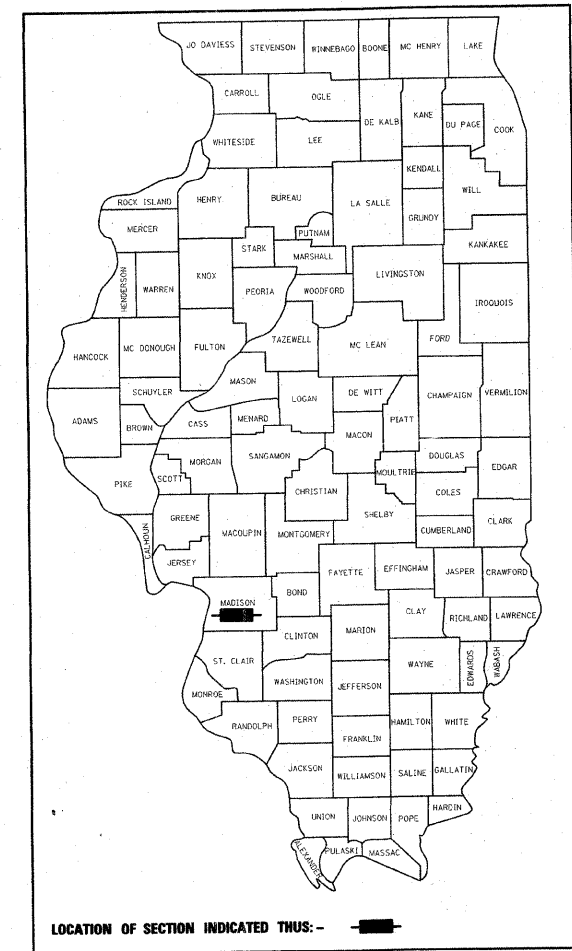
SECTION 60-10K-1, 60-10HB

PROJECT NO. *ESP-0005 (658)*

**MADISON COUNTY**

BRIDGE REPLACEMENT,  
NEW INTERCHANGE,  
TRAFFIC SIGNALS AND LIGHTING  
C-98-113-03

D-98-080-03



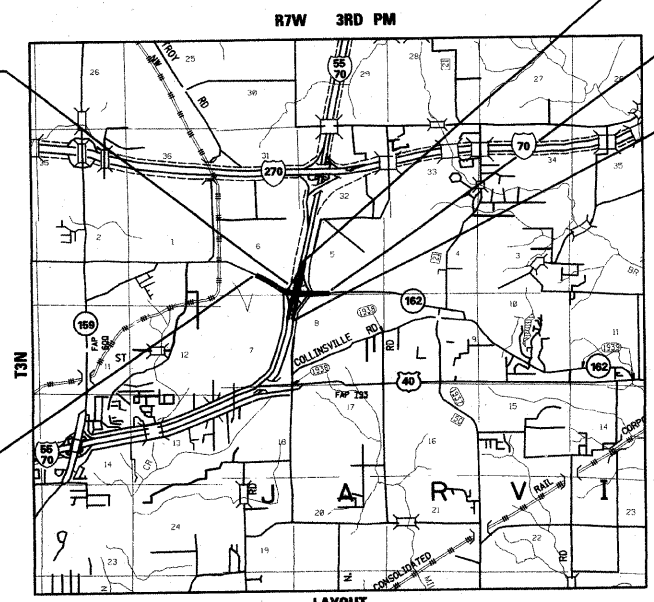
ADT	
<b>RAMPS</b>	<b>NORTHWEST FRONTAGE RD</b>
8200 (16) INTERSTATE 21.30 (PCC-20)	3900 (16) LOCAL 3.92 (FD-20)
5,500 (2006)	2,650 (2004)
8,200 (2026)	3,900 (2024)
MU = 20.5%	MU = 27.0%
SU = 10.3%	SU = 10.0%
<b>SOUTHWEST FRONTAGE RD</b>	<b>NORTHEAST FRONTAGE RD</b>
4450 (16) LOCAL 0.50 (FD-20)	5800 (16) LOCAL 6.34 (FD-20)
3,000 (2004)	3,850 (2004)
4,450 (2024)	5,800 (2024)
MU = 1.2%	MU = 30.0%
SU = 5.2%	SU = 9.5%
<b>SOUTHEAST FRONTAGE RD</b>	<b>I-55/70 (N OF IL 162)</b>
3000 (16) LOCAL 1.70 (FD-20)	
2,000 (2004)	43,600 (2004)
3,000 (2024)	64,500 (2024)
MU = 14.2%	MU = 22.6%
SU = 9.5%	SU = 4.2%
<b>I-55/70 (S OF IL 162)</b>	<b>IL 162 (W OF I-55/70)</b>
	WIDENING
43,600 (2004)	(STA. 482 + 20 - STA. 485 + 50)
64,100 (2024)	23800 (16) ARTERIAL 16.83 (FD-20)
MU = 20.2%	NEW CONSTRUCTION
SU = 7.6%	(STA. 485 + 50 - STA. 498 + 50)
	23800 (16) ARTERIAL 15.14 (PCC-20)
	16,100 (2004)
	23,800 (2024)
	MU = 14.2%
	SU = 9.5%
<b>IL 162 (E OF I-55/70)</b>	
NEW CONSTRUCTION	
(STA. 500 + 50 - STA. 507 + 90)	
37000 (16) ARTERIAL 23.53 (PCC-20)	
25,000 (2004)	
37,000 (2024)	
MU = 14.2%	
SU = 9.5%	

STA. 1353 + 15.80 FAI 70 =  
STA. 499 + 48.35 FAP 586 (IL 162)  
STRUCTURE NO. 060-0139  
(PROP.) 060-0338

BEGIN IMPROVEMENT  
FAI 70 STA. 1325 + 65.00

END IMPROVEMENT  
FAP 586 (IL 162)  
STA. 514 + 49.11

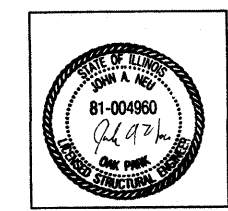
END IMPROVEMENT  
FAI 70 STA. 1376 + 58.00



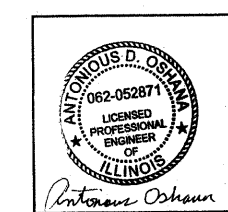
BEGIN IMPROVEMENT  
FAP 586 (IL 162)  
STA. 478 + 20.00



GILBERT R. GOODMAN, P.E.  
NO. 062-037430  
EXP. DATE 11/30/05  
CIVIL DRAWINGS



JOHN A. NEU S.E.  
NO. 081-004960  
EXP. DATE 11/30/10  
STRUCTURAL DRAWINGS



ANTONIOUS D. OSHANA, P.E.  
NO. 062-052871  
EXP. DATE 11/30/09  
LIGHTING AND TRAFFIC  
SIGNAL DRAWINGS

PLANS PREPARED BY  
**STV Incorporated**  
engineers/architects/scientists/construction managers  
Chicago, Illinois (312)553-0655

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *Feb 11, 2009*  
*May C. Harris*  
DEPUTY DIRECTOR OF HIGHWAYS  
REGION FIVE ENGINEER

*March 27, 2009*  
*Charles J. Ingersoll*  
ENGINEER OF DESIGN AND ENVIRONMENT

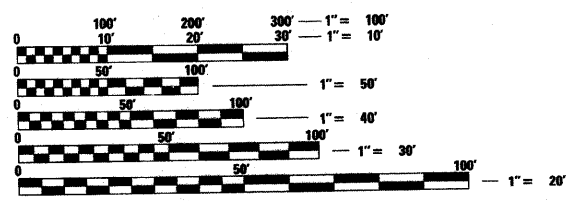
*March 27, 2009*  
*Christine M. Reed*  
DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

Rev. 4-10-09

PROJECT ENGINEER: PATTI J. LEBEAU (618) 346-3179  
SQUAD LEADER: CHERYL L. KEPLAR (618) 346-3186

MICROFILMED \_\_\_\_\_  
REEL NUMBER \_\_\_\_\_  
AWARDED \_\_\_\_\_  
RESIDENT ENGINEER \_\_\_\_\_  
AS BUILT CHANGES WERE MADE  
ON THE FOLLOWING SHEETS \_\_\_\_\_



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. 76709

GROSS LENGTH OF FAI 70 = 5093FT = 0.965 MILE  
NET LENGTH OF FAI 70 = 5093FT = 0.965 MILE  
GROSS LENGTH OF FAP 586 (IL 162) = 3629FT = 0.687 MILE  
NET LENGTH OF FAP 586 (IL 162) = 3629FT = 0.687 MILE  
INTERCHANGE CENTERLINE: LAT. 38.72327 LONG. 89.91245



### GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
2. ALL GEODETIC ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
3. IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
4. TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSINGS INCIDENTAL BITUMINOUS SURFACE SHALL BE USED FOR ALL TEMPORARY SIDE ROAD CROSSINGS. AGGREGATE FOR TEMPORARY ACCESS (PRIVATE OR COMMERCIAL) SHALL BE USED FOR ALL DRIVEWAY CROSSINGS EXCEPT DURING WINTER SHUTDOWN IN ACCORDANCE WITH ARTICLE 107.09. AN ESTIMATED QUANTITY OF 7,000 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED ON THIS CONTRACT FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND SIDE ROADS THROUGH CONSTRUCTION OPERATIONS DURING THIS CONTRACT.
5. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

<b>ABOVE GROUND</b>	<b>BELOW GROUND</b>
*AMERENIP	*SBC
*SOUTHWESTERN ELECTRIC COOPERATIVE, INC.	*CHARTER COMMUNICATIONS, INC.
	*AMERENIP
	*SOUTHWESTERN ELECTRIC COOPERATIVE, INC.
	*TOUCH AMERICA, INC.
	*CITY OF TROY

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY \*.  
NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

6. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB AND MEDIAN SURFACE.
7. MIXTURE REQUIREMENTS:

**IL 162 WIDENING**

MIXTURE USE	POLY-SURFACE	LEVEL BINDER	BINDER / BASE CRS	INCIDENTAL SURF	SHOULDERS
AC/PG	SBS 76-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	10%	10%	10%	30%
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=70	2.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)	IL 12.5/9.5	IL 9.5	IL 19.0	IL 12.5/9.5	BAM
FRICITION AGG	MIXTURE "E"	MIXTURE "C"	MIXTURE "B"	MIXTURE "E"	BAM

FRONTAGE ROADS	FULL DEPTH				
	SURFACE	BINDER / BASE CRS	PATCHING	INCIDENTAL SURF	SHOULDERS
MIXTURE USE	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	10%	10%	10%	30%
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=70	2.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)	IL 12.5/9.5	IL 19.0	IL 19.0	IL 12.5/9.5	BAM
FRICITION AGG	MIXTURE "C"	MIXTURE "B"	MIXTURE "B"	MIXTURE "C"	BAM

\*\* Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.  
Plan quantities for Hot-Mix Asphalt Surface Course Items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

8. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 1,2 OR 3 SEEDING AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04.
9. MULCH, UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 2, PROCEDURE 1, AS SPECIFIED IN ARTICLE 251.03.
10. THE CONTRACTOR SHALL RELOCATE ALL MAILBOXES, EXISTING STREET NAME SIGNS AND ALL PRIVATE AND COMMERCIAL SIGNS IN ACCORDANCE WITH ARTICLES 107.20 & 107.25 AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PROJECT.
11. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS. SPECIFICALLY BOX CULVERTS, STORM SEWERS AND PIPE DRAINS.
12. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.

13. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.
14. EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH TYPE II BARRICADES WITH STEADY BURN LIGHTS.
15. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
16. REMOVAL OF EARTH AND AGGREGATE DRIVEWAY WILL BE INCLUDED IN THE EARTH EXCAVATION.
17. **SAWCUTTING**  
A SAW CUT SHALL BE REQUIRED TO THE FULL DEPTH AT THE JOINT BETWEEN THE PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN, DRIVEWAY PAVEMENT, BITUMINOUS SURFACES TO BE REMOVED AND THAT LEFT IN PLACE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS.
18. FOR LIGHT POLE FOUNDATIONS OR TOWER LIGHTING FOUNDATIONS BEING PLACED IN NEW FILL, THE CONTRACTOR SHALL USE COHESIVE FILL AND COMPACT IT SO IT DEVELOPES A MINIMUM UNCONFINED COMPRESSIVE STRENGTH (QU) OF 1.0 tsf WITHIN A 30 FT. RADIUS FOR THE PROPOSED LIGHT POLE FOUNDATION OR TOWER LIGHTING FOUNDATION. THE ACTUAL STRENGTH OBTAINED WILL BE VERIFIED BY THE ENGINEER DURING FILL PLACEMENT. THE COST FOR THE MEETING THESE SOIL QUALITY REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT UNIT COST OF FURNISHING AND PLACING THE EXCAVATED MATERIAL.
19. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR, DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE.
20. DUE TO THE LACK OF AVAILABLE LOCATIONS, TREE REPLACEMENT WILL NOT BE INCLUDED IN THIS CONTRACT.
21. WHERE FILL MATERIAL IS USED, THE FILL MATERIAL SHALL HAVE A MINIMUM CLAY CONTENT OF 20% FOR LIME MODIFIED SOIL. THIS APPLIES TO THE FOLLOWING ROADWAYS:
  - a. NEW CONSTRUCTION ALONG IL. ROUTE 162.
  - b. NEW CONSTRUCTION OF RAMPS.
22. FOR WIDENING ALONG I-55/70, 12" AGGREGATE, CA-6 SHALL BE USED IN PLACE OF LIME MODIFIED SOIL.
23. PAYMENT FOR REMOVAL OF EXISTING SIGNS, SUCH AS WRONG WAY, KEEP RIGHT, NO PARKING AND ETC. SHALL BE INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION. (SPECIAL)

### COMMITMENTS

- THE FOLLOWING COMMITMENTS WERE MADE FOR THIS PROJECT:
1. ANY TREE FELLING FOR THIS PROJECT WILL BE RESTRICTED TO THE DATES BETWEEN SEPTEMBER 30 AND APRIL 1 OF ANY GIVEN YEAR.
  2. ALL TREES SHALL BE REPLACED ACCORDING TO IDOT POLICY D&E-18.
  3. ADDITIONAL SOIL TESTING ANALYSIS FOR VOLATILE ORGANIC MATERIAL IS REQUIRED AT THE SITES LISTED IN THE SPECIAL PROVISION.

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

**NOTE:**  
ALL INCIDENTAL ITEMS ARE BOXED OUT

ILLINOIS DEPARTMENT OF TRANSPORTATION

### GENERAL NOTES AND COMMITMENTS

REVISIONS	
NAME	DATE

DRAWN BY: GRH

PLOT DATE: \*DATE-TIME\*

F.A.I. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-10K-1, 60-10HB	MADISON	420	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

I000-1A

X771-2A

I000-1A

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	I-70 & FRONTAGE RD		I-70 & FRONTAGE RD		IL 162 RAMP & EAST FRONT. RD		IL 162 WEST FRONT. RD		I-55/70		IL 162	
CODE NO	ITEM	UNIT		100% FED	ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	TRAFFIC SIGNALS 100% FED	TRAFFIC SIGNALS 100% FED	BRIDGE REPLACEMENT 100% FED	MSE WALLS 100% FED	SIGNING 100% FED	HIGHWAY LIGHTING 100% FED	HIGHWAY LIGHTING 100% FED	HIGHWAY LIGHTING 100% FED
* 83502350	LIGHT TOWER, 100 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 5	EACH	2										2		
X0326371	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 27"	FOOT	190	190											
X0326377	HIGH LOAD MULTI-ROTATION BEARINGS, NON-GUIDED EXPANSION, 50K	EACH	8						8						
X0326378	HIGH LOAD MULTI-ROTATION BEARINGS, NON-GUIDED EXPANSION, 75K	EACH	6						6						
X0326379	HIGH LOAD MULTI-ROTATION BEARINGS, NON-GUIDED EXPANSION, 100K	EACH	6						6						
X0326380	HIGH LOAD MULTI-ROTATION BEARINGS, NON-GUIDED EXPANSION, 150K	EACH	6						6						
X0326381	HIGH LOAD MULTI-ROTATION BEARINGS, NON-GUIDED EXPANSION, 200K	EACH	4						4						
<del>X0326376</del>	<del>STONE COLUMNS</del>	<del>FOOT</del>	<del>31000</del>												
X0326442	AGGREGATE COLUMN GROUND IMPROVEMENT	CU YD	8325												
X0326375	PRECAST CONCRETE BOX CULVERT END SECTIONS 6' X 4'	EACH	1		1										
X0326374	GRATING FOR BOX CULVERT 6' X 4'	EACH	1				1								
X0326373	GRATING FOR BOX CULVERT 5' X 2'	EACH	1				1								
X0326372	REMOVE RIGHT OF WAY MARKERS	EACH	13	13											
XX003565	SEEDING SPECIAL, COMPLETE	ACRE	8.75			8.75									
Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	32400							32400					
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	864	328		340	196								
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	72	57		15									
20101100	TREE TRUNK PROTECTION	EACH	10	10											
20200100	EARTH EXCAVATION	CU YD	151868	73761	2149	44635	31323								
20400100	BORROW EXCAVATION	CU YD	88055			29109	58946								
20800150	TRENCH BACKFILL	CU YD	1457	96		1087	274								
25000115	SEEDING, CLASS 1B	ACRE	1				1								
25000200	SEEDING, CLASS 2	ACRE	17.25	7.6	2.57	2.87	4.21								
25000210	SEEDING, CLASS 2A	ACRE	9.25			9.25									
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	3263	684	231	1879	469								
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	3263	684	231	1879	469								
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3263	684	231	1879	469								
25000700	AGRICULTURAL GROUND LIMESTONE	TON	72.5	15.2	5.14	41.74	10.42								
25100115	MULCH, METHOD 2	ACRE	36.25	7.6	2.57	20.87	5.21								
25100630	EROSION CONTROL BLANKET	SQ YD	820	820											

\*specialty items

PLOT DATE = 2/19/2009  
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 REFERENCE = #REF#







F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-10K-1, 60-10HB	MADISON	420	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

I000-1A

X771-2A

I000-1A

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	I-70 & FRONTAGE RD		I-70 & FRONTAGE RD		IL 162 e RAMPS & EAST FRONT. RD		IL 162 e WEST FRONT. RD		I-55/70		IL 162	
CODE NO	ITEM	UNIT		ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	TRAFFIC SIGNALS 100% FED	TRAFFIC SIGNALS 100% FED	BRIDGE REPLACEMENT 100% FED	MSE WALLS 100% FED	SIGNING 100% FED	HIGHWAY LIGHTING 100% FED	HIGHWAY LIGHTING 100% FED	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2		2										
54213672	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 27"	EACH	6	2	4										
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1											
54215553	METAL END SECTIONS 18"	EACH	2	2											
54215559	METAL END SECTIONS 24"	EACH	1	1											
54216195	REINFORCED CONCRETE PIPE TEE, 21" PIPE WITH 12" RISER	EACH	2	2											
54216220	REINFORCED CONCRETE PIPE TEE, 36" PIPE WITH 12" RISER	EACH	2			2									
54217680	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 24" RISER	EACH	3		3										
54217700	REINFORCED CONCRETE PIPE TEE, 36" PIPE WITH 24" RISER	EACH	1	1											
54217722	REINFORCED CONCRETE PIPE TEE, 48" PIPE WITH 24" RISER	EACH	2	2											
5421D012	PIPE CULVERTS, CLASS D, TYPE 1 12" (TEMPORARY)	FOOT	929	558	371										
5421D015	PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)	FOOT	19	19											
5421D018	PIPE CULVERTS, CLASS D, TYPE 1 18" (TEMPORARY)	FOOT	345	345											
5421D024	PIPE CULVERTS, CLASS D, TYPE 1 24" (TEMPORARY)	FOOT	64	64											
5421D030	PIPE CULVERTS, CLASS D, TYPE 1 30" (TEMPORARY)	FOOT	40	40											
5422D024	PIPE CULVERTS, CLASS D, TYPE 2 24" (TEMPORARY)	FOOT	85	50	35										
5422D036	PIPE CULVERTS, CLASS D, TYPE 2 36" (TEMPORARY)	FOOT	95	95											
5422D048	PIPE CULVERTS, CLASS D, TYPE 2 48" (TEMPORARY)	FOOT	45	45											
54246405	INLET BOX, STANDARD 542531	EACH	6		6										
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2		2										
54247140	GRATING FOR CONCRETE FLARED END SECTION 27"	EACH	6	2	4										
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	1	1											
54248515	CONCRETE COLLAR	EACH	2		2										
542JA024	PIPE CULVERTS, CLASS A 24" (JACKED)	FOOT	603		603										

PLOT DATE = 2/19/2009  
 FILE NAME = g:\pawork\pawork\DOT\REF\MCL\dm080415\paw0803a.dgn  
 PLOT NO = 000007 / 24  
 REFERENCE = REF#4



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-10K-1, 60-10HB	MADISON	420	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

I000-1A

X711-2A

I000-1A

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	I-70 & FRONTAGE RD		I-70 & FRONTAGE RD		IL 162 e RAMP & EAST FRONT. RD		IL 162 e WEST FRONT. RD				I-55/70		IL 162	
CODE NO	ITEM	UNIT		ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	TRAFFIC SIGNALS 100% FED	TRAFFIC SIGNALS 100% FED	BRIDGE REPLACEMENT 100% FED	MSE WALLS 100% FED	SIGNING 100% FED	HIGHWAY LIGHTING 100% FED	HIGHWAY LIGHTING 100% FED			
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	1829	33		308	1488										
58700300	CONCRETE SEALER	SQ FT	1415							1415							
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	4			4											
60107600	PIPE UNDERDRAINS 4"	FOOT	5950			5950											
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	82			82											
60221700	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 8 GRATE	EACH	2			2											
60235800	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	EACH	2	2													
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	6	2			4										
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	7			7											
60240225	INLETS, TYPE B, TYPE 4 FRAME AND GRATE	EACH	2	2													
60255500	MANHOLES TO BE ADJUSTED	EACH	4	2			2										
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3				3										
60405900	GRATES AND COVERS, TYPE 2B	EACH	1				1										
60500060	REMOVING INLETS	EACH	8	4			4										
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	30				30										
60600605	CONCRETE CURB, TYPE B	FOOT	332	322			10										
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2890				2890										
60605400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	FOOT	162				162										
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	2232				2232										
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	1569				1569										
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	21141				21141										
60624600	CORRUGATED MEDIAN	SQ FT	1200				1200										
60900515	CONCRETE THRUST BLOCKS	EACH	13			7	6										
*63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	1287.5			1287.5											
*63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6			6											
*63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6			6											
63200310	GUARDRAIL REMOVAL	FOOT	2226			1966	260										
63500105	DELINEATORS	EACH	91			91											
63500120	DELINEATOR REMOVAL	EACH	56			56											
66500105	WOVEN WIRE FENCE, 4'	FOOT	5371	4981		390											

\*Specialty Items

PLOT DATE = 2/19/2009  
 FILE NAME = c:\p\work\p\1001\VEPLARCL\name88415.plt.080209.dgn  
 PLOT SCALE = 500000 / 1 IN.  
 REFERENCE = 0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-10K-1, 60-10HB	MADISON	420	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

I 000-1A

X771-2A

I 000-1A

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	I-70 & FRONTAGE RD		I-70 & FRONTAGE RD		IL 162 e RAMP & EAST FRONT. RD		IL 162 e WEST FRONT. RD		I-55/70		IL 162	
CODE NO	ITEM	UNIT		ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	TRAFFIC SIGNALS 100% FED	TRAFFIC SIGNALS 100% FED	BRIDGE REPLACEMENT 100% FED	MSE WALLS 100% FED	SIGNING 100% FED	HIGHWAY LIGHTING 100% FED	HIGHWAY LIGHTING 100% FED	
66502300	WOVEN WIRE FENCE REMOVAL	FOOT	5193	4803	390										
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	24	23		1									
*66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	25			25									
*66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1			1									
*66900530	SOIL DISPOSAL ANALYSIS	EACH	1			1									
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	36	12	12				12						
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	36	12	12				12						
67100100	MOBILIZATION	L SUM	1	0.33	0.33				0.34						
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4											
<del>70101700</del>	<del>TRAFFIC CONTROL AND PROTECTION</del>	<del>L SUM</del>	<del>1</del>	<del>0.33</del>	<del>0.33</del>				<del>0.34</del>						
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	0.33	0.33				0.34						
70103816	TRAFFIC CONTROL SURVEILLANCE	CAL MO	30	10	10				10						
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	83070	27413	27413				28244						
70400100	TEMPORARY CONCRETE BARRIER	FOOT	4725		4000	725									
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	4362.5		4000	362.5									
*72000100	SIGN PANEL - TYPE 1	SQ FT	133								133				
*72000200	SIGN PANEL - TYPE 2	SQ FT	30								30				
*72000300	SIGN PANEL - TYPE 3	SQ FT	696								696				
*73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	145								145				
*73303000	OVERHEAD SIGN STRUCTURE - SPAN, MONOTUBE	FOOT	151.1						151.1						
*73400100	CONCRETE FOUNDATIONS	CU YD	0.3			0.3									
*73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	27.6								27.6				
*73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	2			2									
*73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	4			4									
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	428	240	188										
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	34204	23153	11051										
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	739	674	65										
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	12		12										
*78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	28147		19580	8567									

\*Specialty Items

PLOT DATE = 2/10/2005  
 PLOT SCALE = 500,000 / IN.  
 REFERENCE = \*REF\*

Rev.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-10K-1, 60-10HB	MADISON	420	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

I 000-1A

X771-2A

I 000-1A

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	I-70 & FRONTAGE RD		I-70 & FRONTAGE RD		IL 162 e RAMP & EAST FRONT. RD		IL 162 e WEST FRONT. RD		I-55/70		IL 162	
CODE NO	ITEM	UNIT		ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	TRAFFIC SIGNALS 100% FED	TRAFFIC SIGNALS 100% FED	BRIDGE REPLACEMENT 100% FED	MSE WALLS 100% FED	SIGNING 100% FED	HIGHWAY LIGHTING 100% FED	HIGHWAY LIGHTING 100% FED	
78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	4251			4251									
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	680	197		289	194								
78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	10							10					
78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	36			30	6								
78200300	PRISMATIC CURB REFLECTOR	EACH	279				279								
78200305	PRISMATIC BARRIER REFLECTOR	EACH	34			26	8								
78200410	GUARDRAIL MARKERS, TYPE A	EACH	24			24									
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6			6									
80300100	LOCATING UNDERGROUND CABLE	FOOT	6000				5000								1000
80400100	ELECTRIC SERVICE INSTALLATION	EACH	4									2			2
80500100	SERVICE INSTALLATION, TYPE A	EACH	3					2		1					
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	198									86			112
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	754					580		174					
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	2279					1764		515					
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	156					100		56					
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	138					138							
81012900	CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	320					320							
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	541					340		201					
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	990					101				252			637
81018800	CONDUIT PUSHED, 3 1/2" DIA., GALVANIZED STEEL	FOOT	161					161							
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	1119					455		307					357
81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	479												479
81100800	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	95												95
81101000	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., GALVANIZED STEEL	FOOT	583					583							
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	10												10
81300945	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 8"	EACH	2												2
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	27					17		8					2
81400705	HANDHOLE, PORTLAND CEMENT CONCRETE (SPECIAL)	EACH	2					2							

\*Specialty Items

PLOT DATE = 2/16/2004  
 PLOT SCALE = 1/8" = 100'  
 PLOT REFERENCE = REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-10K-1, 60-10HB	MADISON	420	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

I000-1A

X771-2A

I000-1A

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	I-70 & FRONTAGE RD		I-70 & FRONTAGE RD		IL 162 e RAMP & EAST FRONT. RD		IL 162 e WEST FRONT. RD		I-55/70		IL 162	
CODE NO	ITEM	UNIT		ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	TRAFFIC SIGNALS 100% FED	TRAFFIC SIGNALS 100% FED	BRIDGE REPLACEMENT 100% FED	MSE WALLS 100% FED	SIGNING 100% FED	HIGHWAY LIGHTING 100% FED	HIGHWAY LIGHTING 100% FED	
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5				4	1							
81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	95									95			
81603025	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.4 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	18419									18419			
81603035	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	5220										5220		
81701125	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 1/C NO. 1/0	FOOT	691									306	385		
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1447									1447			
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	24426				2910	737				16246	4533		
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	116									87	29		
82105700	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT	EACH	16									16			
82107300	UNDERPASS LUMINAIRE, 150 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	10									10			
82109200	SIGN LIGHTING LUMINAIRE, 150 WATT, HIGH PRESSURE SODIUM	EACH	5									5			
82500510	LIGHTING CONTROLLER TYPE CB-RCS 60AMP - 240 VOLT	EACH	2										2		
82500540	LIGHTING CONTROLLER TYPE CB-RCS 100AMP - 480VOLT	EACH	2									2			
83024500	LIGHT POLE, ALUMINUM, TRANSFORMER BASE 50 FT. M. H., 12 FT. MAST ARM	EACH	116									87	29		
83503200	LIGHT TOWER, 110 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 3	EACH	2									2			
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	612									609	203		
83700100	LIGHT TOWER FOUNDATION	FOOT	72									72			
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	15									15			
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1										1		
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1										1		
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2				1	1							
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1				1								
86000100	MASTER CONTROLLER	EACH	1				1								
84200802	POLE FOUNDATION REMOVE	EACH	15									15			
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1										1		

\*Specialty Items

Rev.

PLOT DATE = 2/16/2009  
 PLOT SCALE = 5/8" = 1'-0"  
 REFERENCE = #REF\*

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-10K-1, 60-10HB	MADISON	420	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

I000-1A

X171-2A

I000-1A

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	I-70 & FRONTAGE RD		I-70 & FRONTAGE RD		IL 162 e RAMP & EAST FRONT. RD		IL 162 e WEST FRONT. RD		I-55/70		IL 162	
CODE NO	ITEM	UNIT		ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	TRAFFIC SIGNALS 100% FED	TRAFFIC SIGNALS 100% FED	BRIDGE REPLACEMENT 100% FED	MSE WALLS 100% FED	SIGNING 100% FED	HIGHWAY LIGHTING 100% FED	HIGHWAY LIGHTING 100% FED	
86400100	TRANSCEIVER - FIBER OPTIC	EACH						2	1						
87100140	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 12F	FOOT						2180							
87300815	ELECTRIC CABLE IN TRENCH, SERVICE, NO. 6 3 C	FOOT					650	300							
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT					10133	3126							
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT					1865	1667							
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT					6317	1680							
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH					6	3							
87700120	STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.	EACH					2								
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH					1	1							
87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH					1	1							
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH					1	1							
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH					1	1							
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT					36	18							
87800200	CONCRETE FOUNDATION, TYPE D	FOOT					8	4							
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT					20								
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT					56	56							
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH					28	7							
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH					8	6							
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH					4	4							
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH					4	4							
88200100	TRAFFIC SIGNAL BACKPLATE	EACH					32	11							
88500100	INDUCTIVE LOOP DETECTOR	EACH					44	14							
89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM					0.5	0.5							
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH					9								
89502380	REMOVE EXISTING HANDHOLE	EACH					10								

\*Specialty Items

PLOT DATE = 2/18/2009  
 FILE NAME = C:\p100\work\I000-1A\I000-1A.dgn  
 REFERENCE = \*REF\*

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-10K-1, 60-10HB	MADISON	420	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

I 000-1A

X711-2A

I 000-1A

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	I-70 & FRONTAGE RD		I-70 & FRONTAGE RD		IL 162 e RAMP & EAST FRONT. RD		IL 162 e WEST FRONT. RD		I-55/70		IL 162	
CODE NO	ITEM	UNIT		ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	TRAFFIC SIGNALS 100% FED	TRAFFIC SIGNALS 100% FED	BRIDGE REPLACEMENT 100% FED	MSE WALLS 100% FED	SIGNING 100% FED	HIGHWAY LIGHTING 100% FED	HIGHWAY LIGHTING 100% FED	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9					9							
X0301183	GEOMETRICALLY PROGRAMMED LOUVER	EACH	4					4							
X0321100	GEOTEXTILE RETAINING WALL	SQ FT	2750				2750								
X0321760	DOUBLE HANDHOLE REMOVAL	EACH	2					2							
X0323149	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	1600							1600					
X0323236	TEMPORARY INLET	EACH	5	5											
X0323381	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 12"	FOOT	35					35							
X0323383	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 18"	FOOT	18		18										
X0323429	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 21"	FOOT	112					112							
X0323430	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 24"	FOOT	110					110							
X0323670	PREFORMED DETECTOR LOOP	FOOT	8342					6022	2320						
X0323830	DRAINAGE SCUPPERS, DS-11	EACH	4							4					
X0324548	PRECAST CONCRETE BOX CULVERT END SECTIONS 6' X 3'	EACH	1					1							
X0324567	RELOCATE MOTORIST AID CALL BOX	EACH	1			1									
X0325618	HIGH LOAD MULTI-ROTATION BEARINGS, FIXED - 250K	EACH	13							13					
X0325638	HIGH LOAD MULTI-ROTATION BEARINGS, GUIDED EXPANSION, 100K	EACH	26							26					
X0325643	HIGH LOAD MULTI-ROTATION BEARINGS, GUIDED EXPANSION, 350K	EACH	2							2					
X0325648	HIGH LOAD MULTI-ROTATION BEARINGS, GUIDED EXPANSION, 650K	EACH	2							2					
X0336850	PRECAST CONCRETE BOX CULVERT END SECTIONS 5' X 2'	EACH	1					1							
X0545000	BOX CULVERT REMOVAL	FOOT	33					33							
X0728700	GRATING FOR BOX CULVERT 6' X 3'	EACH	1					1							
X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	6					6							
X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	6					6							
X6050700	REMOVE INLET BOX	EACH	4			4									
*X7330105	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	103.5								103.5				
*X7800450	POLYUREA PAVEMENT MARKING TYPE I - CURB	FOOT	1226					1226							
*X7800500	POLYUREA PAVEMENT MARKING - LETTERS AND SYMBOLS, SPECIAL	SQ FT	967			593		374							
*X7800510	POLYUREA PAVEMENT MARKING SPECIAL - LINE 4"	FOOT	610					610							

\* Specialty Items

PLOT DATE: 2/18/2019  
 PLOT SCALE: 1"=500'  
 PLOT REFERENCE: 2/18/2019 10:40:07 AM \\dot\user\l\arcl\dms86415\p1\688083a.dgn  
 = PREF

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-10K-1, 60-10HB	MADISON	420	14A
STA. TO STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

I000-1A

X771-2A

I000-1A

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	I-70 & FRONTAGE RD		I-70 & FRONTAGE RD		IL 162 e RAMP & EAST FRONT. RD		IL 162 e WEST FRONT. RD		I-55/70		IL 162	
CODE NO	ITEM	UNIT		ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	ROADWAY 100% FED	TRAFFIC SIGNALS 100% FED	TRAFFIC SIGNALS 100% FED	BRIDGE REPLACEMENT 100% FED	MSE WALLS 100% FED	SIGNING 100% FED	HIGHWAY LIGHTING 100% FED	HIGHWAY LIGHTING 100% FED	
*X7800540	POLYUREA PAVEMENT MARKING SPECIAL - LINE 8"	FOOT	693			693									
*X7800550	POLYUREA PAVEMENT MARKING SPECIAL - LINE 12"	FOOT	1300			1242	58								
*X7800580	POLYUREA PAVEMENT MARKING SPECIAL - LINE 24"	FOOT	515			289	226								
Z0002005	ATTENUATOR BASE	SQ YD	62.2			62.2									
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1											
Z0018800	DRAINAGE SYSTEM	L SUM	1						1						
Z0018900	DRILL AND GROUT DOWEL BARS	EACH	660				660								
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	2			2									
Z0030030	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2			2									
Z0030150	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2			2									
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	6			4	2								
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	6			4	2								
Z0041500	PLUG EXISTING CULVERTS	EACH	3			3									
Z0050900	REMOVE CONCRETE FOUNDATION	EACH	1			1									

\*Specialty Items

PLOT DATE: 2/18/2009  
 FILE NAME: c:\pva\work\I000-1A\I000-1A.dwg  
 PLOT SCALE: 1/4" = 1'-0"  
 PLOT REFERENCE: #REF#

TREE REMOVAL (6 TO 15 UNITS DIA.)  
UNIT=1 INCH

LOCATION	SIZE (INCH)	UNIT
IL ROUTE 162		
STA. 495+81.81	RT. 6	6
STA. 496+39.87	RT. 6	6
STA. 497+72.54	RT. 6	6
STA. 497+87.98	RT. 12	12
STA. 497+92.81	RT. 12	12
STA. 498+39.10	LT. 6	6
STA. 498+79.32	LT. 6	6
STA. 500+37.15	RT. 10	10
STA. 500+80.16	RT. 6	6
STA. 500+81.71	LT. 8	8
STA. 500+85.30	RT. 6	6
STA. 500+98.62	RT. 12	12
STA. 500+98.73	LT. 8	8
STA. 501+13.04	LT. 8	8
STA. 501+20.95	LT. 8	8
STA. 501+25.36	RT. 6	6
STA. 501+30.72	LT. 8	8
STA. 501+38.82	LT. 8	8
STA. 501+46.90	LT. 8	8
STA. 501+55.30	LT. 8	8
STA. 501+61.29	LT. 8	8
STA. 501+71.17	LT. 6	6
STA. 501+79.38	LT. 8	8
STA. 501+84.51	RT. 6	6
STA. 501+96.56	RT. 6	6
STA. 502+24.34	RT. 10	10
STA. 502+55.86	RT. 6	6
EXISTING RAMP A		
STA. 10+03.37	LT. 10	10
STA. 10+21.11	LT. 8	8
STA. 10+27.83	LT. 10	10
STA. 10+42.71	LT. 8	8
STA. 10+47.77	LT. 8	8
STA. 10+64.96	LT. 12	12
STA. 10+67.69	LT. 8	8
STA. 10+77.73	LT. 8	8
STA. 11+94.22	LT. 12	12
STA. 12+09.11	LT. 8	8
STA. 12+10.67	LT. 10	10
STA. 12+15.72	LT. 8	8
STA. 12+47.62	LT. 6	6
STA. 12+63.16	LT. 6	6
STA. 13+11.67	LT. 6	6
STA. 13+20.93	LT. 6	6
STA. 13+30.58	LT. 6	6
STA. 13+31.04	LT. 6	6
STA. 13+53.03	LT. 10	10
STA. 13+87.08	LT. 8	8
STA. 13+94.84	LT. 6	6
STA. 14+03.89	LT. 6	6
STA. 14+12.98	LT. 6	6
STA. 14+17.86	LT. 6	6
STA. 14+23.36	LT. 6	6
STA. 14+28.54	LT. 8	8
STA. 14+33.96	LT. 6	6
STA. 14+36.88	LT. 6	6
STA. 14+44.18	LT. 6	6
STA. 14+51.72	LT. 6	6
STA. 14+52.91	LT. 6	6
STA. 14+60.32	LT. 6	6
STA. 14+69.79	LT. 6	6
STA. 14+76.12	LT. 6	6
STA. 14+84.71	LT. 8	8
EXISTING RAMP B		
STA. 2+42.39	LT. 6	6
STA. 2+53.07	LT. 6	6
STA. 2+62.39	LT. 6	6
STA. 5+52.89	LT. 6	6
EXISTING RAMP C		
STA. 11+33.29	LT. 6	6
STA. 11+98.32	LT. 6	6
STA. 12+46.18	LT. 6	6
STA. 12+80.03	LT. 6	6
STA. 13+00.99	LT. 6	6
STA. 13+04.53	LT. 6	6
STA. 13+18.41	LT. 8	8
STA. 13+40.86	LT. 8	8
STA. 13+50.74	LT. 6	6

REMOVE OVERHEAD SIGN STRUCTURE - SPAN

LOCATION	EACH
I-55/70	
1340+96	1
1363+56	1

REMOVE OVERHEAD SIGN STRUCTURE - SPAN, TOTAL = 2 EACH

REMOVE CONCRETE FOUNDATION - OVERHEAD

LOCATION	EACH
I-55/70	
1340+96	2
1363+56	2

REMOVE CONCRETE FOUNDATION-OVERHEAD, TOTAL = 4 EACH

TREE REMOVAL (6 TO 15 UNITS DIA.) CONT.

LOCATION	SIZE (INCH)	UNIT
SOUTHEAST FRONTAGE ROAD		
STA. 1+79.37	RT. 6	6
STA. 1+83.69	RT. 6	6
STA. 1+90.17	RT. 6	6
STA. 2+12.46	RT. 6	6
STA. 2+21.77	RT. 6	6
STA. 2+23.49	RT. 6	6
STA. 2+32.46	RT. 6	6
STA. 2+42.07	RT. 6	6
STA. 2+62.66	RT. 6	6
STA. 2+67.16	RT. 6	6
STA. 3+02.09	RT. 6	6
STA. 3+10.42	RT. 6	6
STA. 3+23.02	RT. 6	6
STA. 3+25.78	RT. 6	6
STA. 3+38.02	RT. 6	6
STA. 3+65.41	RT. 6	6
STA. 3+72.99	RT. 6	6
STA. 3+90.14	RT. 8	8
STA. 3+99.11	RT. 6	6
STA. 4+16.06	RT. 6	6
STA. 4+26.28	RT. 6	6
STA. 4+42.53	RT. 6	6
STA. 4+50.38	RT. 6	6
STA. 4+71.03	RT. 6	6
STA. 4+86.99	RT. 6	6
STA. 11+06.76	LT. 6	6
STA. 11+78.58	LT. 6	6
NORTHEAST FRONTAGE ROAD		
STA. 2+04.29	LT. 11	11
STA. 2+10.18	LT. 10	10
STA. 2+23.76	LT. 13	13
STA. 2+45.35	LT. 12	12
STA. 4+35.00	LT. 9 - 12"	10
STA. 4+81.20	LT. 10	10

TREE REMOVAL (6 TO 15 UNITS DIAMETER), = 864 UNITS

TREE REMOVAL (OVER 15 UNITS DIA.)  
UNIT=1 Inch

LOCATION	SIZE (INCH)	UNIT
EAST FRONTAGE ROAD		
STA. 6+67.65	LT. 19	19
STA. 6+67.65	LT. 19	19
STA. 6+67.65	LT. 19	19
EXISTING RAMP A		
STA. 10+55.05	LT. 15	15

TREE REMOVAL (OVER 15 UNITS DIA.) TOTAL = 72 UNITS

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	AREA (SQ. YD.)
IL ROUTE 162	
478+20 TO 478+40	60
485+20 TO 485+50	114

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, TOTAL = 174 SQ. YD.

HOT-MIX ASPHALT SURFACE REMOVAL 1/2"

LOCATION	AREA (SQ. YD.)
IL ROUTE 162	
507+90 TO 518+32	7,476

HOT-MIX ASPHALT SURFACE REMOVAL 1/2", TOTAL = 7,476 SQ. YD.

REMOVE RIGHT-OF-WAY MARKERS

LOCATION	EACH
WEST FRONTAGE ROAD	
18+76.32	8.13 LT 1
20+55.60	11.74 LT 1
22+53.29	13.88 LT 1
24+45.07	15.90 LT 1
26+84.45	31.67 LT 1
EAST FRONTAGE ROAD	
20+09.00	14.50 RT 1
24+60.47	0.44 RT 1
27+68.37	32.12 RT 1
40+62.91	28.00 RT 1
42+11.84	16.70 RT 1
43+92.65	9.90 RT 1
45+00.07	10.90 RT 1
46+03.63	12.64 RT 1

REMOVE RIGHT-OF-WAY MARKERS, TOTAL = 13 EACH

PAVEMENT REMOVAL

LOCATION	AREA (SQ. YD.)
I-55/70	
1325+65 TO 1331+50	390
IL ROUTE 162	
485+50 TO 491+00	2,195
491+00 TO 496+51.25	2,357
502+00 TO 503+00	510
503+00 TO 507+90	2,534
SOUTHWEST FRONTAGE ROAD	
0+29.84 TO 3+46.89	1,116
3+46.89 TO 8+21.21	1,405
NORTHWEST FRONTAGE ROAD	
0+43.96 TO 4+39.92	1,372
4+39.92 TO 8+24.06	1,041
SOUTHEAST FRONTAGE ROAD	
0+30.27 TO 5+78.65	1,929
5+78.65 TO 14+15.75	2,252
14+15.75 TO 22+63.22	2,222
NORTHEAST FRONTAGE ROAD	
0+30.52 TO 3+23.99	1,248
3+23.99 TO 11+46.59	2,340
11+46.59 TO 16+77.76	1,448
EXISTING RAMP A	
0+00 TO 5+21.55	712
5+21.55 TO 13+23.10	1,303
13+23.10 TO 17+31.36	1,034
EXISTING RAMP B	
0+30.69 TO 2+32.06	562
2+32.06 TO 10+82.47	1,345
10+82.47 TO 20+74.84	1,038
EXISTING RAMP C	
0+00 TO 4+86.31	597
4+86.31 TO 14+28.76	1,447
14+28.76 TO 17+62.55	953
EXISTING RAMP D	
0+30.86 TO 2+60.17	597
2+60.17 TO 11+55.00	1,427
11+55.00 TO 20+85.45	964

PAVEMENT REMOVAL, TOTAL = 36,409 SQ. YD.

DRIVEWAY PAVEMENT REMOVAL

LOCATION	AREA (SQ. YD.)
IL ROUTE 162	
485+87.56	LT. 118
486+82.46	LT. 311
487+04.98	RT. 139
SOUTHWEST FRONTAGE ROAD	
2+30.69	RT. 825
6+71.32	RT. 47
7+80.08	RT. 46
NORTHWEST FRONTAGE ROAD	
3+16.42 (INCLUDES PARKING LOT)	LT. 2,340
4+95.55	RT. 262
6+83.09	RT. 110
7+19.01	LT. 173
8+04.92	RT. 67
SOUTHEAST FRONTAGE ROAD	
1+03.81	LT. 242
3+46.11	LT. 277
NORTHEAST FRONTAGE ROAD	
1+75.69	RT. 342
6+01.89 (INCLUDES PARKING LOT)	RT. 209
7+91.27 (PARKING LOT)	RT. 337
16+48.79	RT. 109

DRIVEWAY PAVEMENT REMOVAL, TOTAL = 5,955 SQ. YD.

MEDIAN REMOVAL

LOCATION	AREA (SQ. FT.)
IL ROUTE 162	
485+52.83 TO 491+05.66	6,531
491+95.21 TO 493+87.21	3,434
494+57.66 TO 498+58.98	3,308
502+01.98 TO 503+24.47	1,344
505+09.18 TO 506+95.26	2,354
507+91.87 TO 509+35.11	1,345

MEDIAN REMOVAL, TOTAL = 18,316 SQ. FT.

IMPACT ATTENUATOR REMOVAL

LOCATION	EACH
I-55/70	
1352+50	1
1353+63	1

IMPACT ATTENUATOR REMOVAL, TOTAL = 2 EACH

GUARDRAIL REMOVAL

LOCATION	LENGTH (FEET)
IL ROUTE 162	
500+52.1 LT. TO 503+12.2 LT.	260
EXISTING RAMP A	
0+85.6 RT. TO 3+25.2 RT.	240
EXISTING RAMP C	
2+37.5 RT. TO 4+89.6 RT.	252
I-55/70	
1338+95 RT. TO 1341+06.8 RT.	212
1341+17.8 LT. TO 1344+18.1 LT.	300
1352+75. LT. TO 1357+11.2 LT.	437
1361+08. RT. TO 1363+70.8 RT.	262
1363+34. LT. TO 1365+98. LT.	263

GUARDRAIL REMOVAL, TOTAL = 2,226 FEET

PAVED SHOULDER REMOVAL

LOCATION	AREA (SQ. YD.)
IL ROUTE 162	
478+20.00 LT. TO 491+00.00 LT.	1,186
478+20.00 RT. TO 491+00.00 RT.	1,072
491+00.00 RT. TO 491+15.84 LT.	24
492+31.63 RT. TO 492+96.43 RT.	62
494+08.75 LT. TO 495+00.00 RT.	82
494+14.79 RT. TO 496+51.25 RT.	219
502+00.00 RT. TO 503+00.00 RT.	113
502+00.00 LT. TO 503+00.00 LT.	114
503+00.00 LT. TO 504+84.19 LT.	213
503+00.00 RT. TO 504+88.02 RT.	205
506+01.53 LT. TO 507+08.53 LT.	113
EXISTING RAMP A/I-55/70 AUXILIARY LANE	
1325+65.00 RT. TO 1331+50.00 RT.	646
1331+50.00 RT. TO 5+21.55 RT.	1,015
3+16.81 LT. TO 5+21.55 LT.	128
5+21.55 LT. TO 6+74.28 LT.	249
1344+53.12 RT. TO 1346+74.94 RT.	230
5+21.55 RT. TO 13+23.17 RT.	498
6+74.28 LT. TO 13+23.17 LT.	291
13+23.17 LT. TO 16+99.14 LT.	244
13+23.17 RT. TO 17+31.49 RT.	325
EXISTING RAMP B/I-55/70	
0+30.20 LT. TO 2+32.05 LT.	89
0+30.20 RT. TO 2+32.05 RT.	225
2+32.05 LT. TO 10+48.96 LT.	485
2+32.05 RT. TO 10+82.29 RT.	555
10+82.29 RT. TO 1331+50.00 LT.	886
1328+94.04 LT. TO 1331+50.00 LT.	276
EXISTING RAMP C/I-55/70	
1371+34.84 LT. TO 4+86.57 LT.	655
3+06.32 RT. TO 4+86.57 RT.	99
4+86.57 LT. TO 13+28.85 LT.	565
4+86.57 RT. TO 13+28.85 RT.	529
13+28.85 LT. TO 17+19.25 LT.	213
13+28.85 RT. TO 17+62.82 RT.	416
EXISTING RAMP D/I-55/70	
0+31.62 LT. TO 2+60.34 LT.	189
0+61.46 RT. TO 2+60.34 RT.	93
2+60.34 LT. TO 10+61.15 LT.	454
2+60.34 RT. TO 11+55.00 RT.	574
11+55.00 RT. TO 1376+57.97 RT.	1,107
NE FRONTAGE ROAD	
3+60.39 LT. TO 6+78.27 LT.	276
4+98.23 RT. TO 6+88.84 RT.	68

PAVED SHOULDER REMOVAL, TOTAL = 14,782 SQ. YD.

PAVED DITCH REMOVAL

LOCATION	LENGTH (FEET)
SOUTHWEST FRONTAGE ROAD	
3+75.48 TO 4+84.42 LT	181

PAVED DITCH REMOVAL, TOTAL = 181 FEET

WOVEN WIRE FENCE REMOVAL

LOCATION	LENGTH FEET
PROPOSED RAMP A	
16+65.52 TO 20+34.82 RT	390
EAST FRONTAGE ROAD	
11+67.42 TO 33+59.31 RT	2,035
36+27.65 TO 52+66.29 LT	1,664
WEST FRONTAGE ROAD	
10+41.46 TO 9+44.18 (RAMP D RT)	1,104

WOVEN WIRE FENCE, 4', TOTAL = 5,193 FEET

DELINEATOR REMOVAL

LOCATION	EACH
EXISTING RAMP A	
1+60.91	



**HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"**

LOCATION	AREA -STAGE I (SQ. YD.)	AREA -STAGE II (SQ. YD.)	AREA -STAGE III (SQ. YD.)
SOUTHWEST FRONTAGE ROAD			
STA. 50+57.75 TO 59+59.32	2,817		
STA. 52+18.92 TO 53+96.89		129	
STA. 55+84.33 TO 58+85.83		121	
SOUTHEAST FRONTAGE ROAD			
STA. 11+72.61 TO 18+94.27	988		
STA. 26+90.31 TO 35+20.05	1,928		
STA. 11+82.78 TO 17+19.42		746	
STA. 32+42.69 TO 33+66.00		11	
STA. 31+60.52 TO 34+03.32			162

<b>HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"</b>			
	5,733	1,007	162
	SQ. YD.	SQ. YD.	SQ. YD.
TOTAL=	6,902		
	SQ. YD.		

**HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/2"**

LOCATION	AREA -STAGE I (SQ. YD.)	AREA -STAGE II (SQ. YD.)	AREA -STAGE III (SQ. YD.)
NORTHWEST FRONTAGE ROAD			
STA. 19+84.12 TO 21+94.10	428		
STA. 22+72.12 TO 23+96.49	124		
STA. 23+91.87 TO 27+68.78	467		
STA. 24+38.88 TO 28+89.39		497	
STA. 24+41.03 TO 28+89.37			493
STA. 25+98.89 TO 27+97.53			33

<b>HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/2"</b>			
	1,019	497	526
	SQ. YD.	SQ. YD.	SQ. YD.
TOTAL=	2,042		
	SQ. YD.		

**HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/4"**

LOCATION	AREA -STAGE I (SQ. YD.)	AREA -STAGE II (SQ. YD.)	AREA -STAGE III (SQ. YD.)
NORTHEAST FRONTAGE ROAD			
STA. 35+34.12 TO 40+00.00	1,259		
STA. 40+00.00 TO 54+71.53	2,688		

<b>HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/4", TOTAL=</b>			
	3,947	0	0
	SQ. YD.	SQ. YD.	SQ. YD.
TOTAL=	3,947		
	SQ. YD.		

**HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 1/2"**

LOCATION	AREA -STAGE I (SQ. YD.)	AREA -STAGE II (SQ. YD.)	AREA -STAGE III (SQ. YD.)
RAMP A			
STA. 51+34.54 TO 53+55.45	199		
STA. 60+35.00 TO 64+27.21		674	
STA. 50+00.00 TO 58+99.09		1,158	
STA. 50+00.00 TO 58+99.09			1,169
RAMP B			
STA. 99+85.34 TO 111+04.60		1,059	
RAMP C			
STA. 18+39.20 TO 19+68.33	128		
STA. 150+00.00 TO 160+19.61			1,361
RAMP D			
STA. 19+14.26 TO 20+00.00	16		
STA. 200+85.07 TO 203+13.72	97		
STA. 200+48.46 TO 204+53.24		885	
STA. 205+43.80 TO 214+41.53			1,172

<b>HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 1/2", TOTAL=</b>			
	440	3,776	3,702
	SQ. YD.	SQ. YD.	SQ. YD.
TOTAL=	7,918		
	SQ. YD.		

**HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4"**

LOCATION	AREA -STAGE I (SQ. YD.)	AREA -STAGE II (SQ. YD.)	AREA -STAGE III (SQ. YD.)
IL 162 WEST OF I-70			
STA. 474+79.38 TO 490+00.00	2,815		
STA. 490+00.00 TO 492+31.71	231		
STA. 491+96.62 TO 494+88.00	337		
STA. 494+09.50 TO 498+45.49	364		
STA. 494+56.99 TO 497+48.10	168		
STA. 475+26.64 TO 485+49.37		974	
IL 162 EAST OF I-70			
STA. 505+07.36 TO 506+93.71	216		
STA. 508+17.00 TO 509+00.00	12		
STA. 509+00.00 TO 509+12.41	2		

<b>HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4", TOTAL=</b>			
	4,145	974	0
	SQ. YD.	SQ. YD.	SQ. YD.
TOTAL=	5,119		
	SQ. YD.		

**PROCESSING MODIFIED SOIL, 12"**

LOCATION	AREA -STAGE I (SQ. YD.)	AREA -STAGE II (SQ. YD.)	AREA -STAGE III (SQ. YD.)	TOTAL ARE (SQ. YD.)	VOLUME CU. YD.	QTY* TON
SOUTHWEST FRONTAGE ROAD						
STA. 50+57. TO 59+59.32	2,996			2,996	999	57.4
STA. 52+18.9 TO 53+96.89		170		170	57	3.3
STA. 55+84. TO 58+85.83		152		152	51	2.9
	2,996	322	0	3,318		

LOCATION	AREA -STAGE I (SQ. YD.)	AREA -STAGE II (SQ. YD.)	AREA -STAGE III (SQ. YD.)	TOTAL ARE (SQ. YD.)	VOLUME CU. YD.	QTY* TON
SOUTHWEST FRONTAGE ROAD						
STA. 11+72.6 TO 18+94.27	1,077			1,077	359	20.6
STA. 26+90.3 TO 35+20.05	2,083			2,083	694	39.9
STA. 11+82.8 TO 17+19.40		849		849	283	16.3
STA. 32+42. TO 33+66.00		25		25	8	0.5
STA. 31+60.5 TO 34+03.32			222	222	74	4.3
	3,160	874	222	4,256		

LOCATION	AREA -STAGE I (SQ. YD.)	AREA -STAGE II (SQ. YD.)	AREA -STAGE III (SQ. YD.)	TOTAL ARE (SQ. YD.)	VOLUME CU. YD.	QTY* TON
NORTHWEST FRONTAGE ROAD						
STA. 19+84.1 TO 21+94.10	451			451	150	8.6
STA. 22+72.1 TO 23+96.12	146			146	49	2.8
STA. 23+91.8 TO 27+68.60	509			509	170	9.8
STA. 24+40. TO 28+89.37		584		584	195	11.2
STA. 24+41.0 TO 28+89.37			543	543	181	10.4
STA. 25+98. TO 27+97.53			74	74	25	1.4
	1,106	584	617	2,307		

LOCATION	AREA -STAGE I (SQ. YD.)	AREA -STAGE II (SQ. YD.)	AREA -STAGE III (SQ. YD.)	TOTAL ARE (SQ. YD.)	VOLUME CU. YD.	QTY* TON
NORTHEAST FRONTAGE ROAD						
STA. 35+34.1 TO 40+00.00	1,355			1,355	452	26.0
STA. 40+00. TO 54+71.53	2,858			2,858	953	54.8
	4,213	0	0	4,213		

LOCATION	AREA -STAGE I (SQ. YD.)	AREA -STAGE II (SQ. YD.)	AREA -STAGE III (SQ. YD.)	TOTAL ARE (SQ. YD.)	VOLUME CU. YD.	QTY* TON
TEMPORARY RAMP A						
STA. 60+35. TO 64+27.21		764		764	255	14.6
STA. 50+00. TO 58+99.09		1,329		1,329	443	25.5
STA. 50+00. TO 58+99.09			1,352	1,352	451	25.9
TEMPORARY RAMP B						
STA. 99+85. TO 111+04.60		1,278		1,278	426	24.5
TEMPORARY RAMP C						
STA. 150+00 TO 160+19.61			1,539	1,539	513	29.5
TEMPORARY RAMP D						
STA. 200+48. TO 204+53.24	109	969		1,078	323	18.6
STA. 205+43. TO 214+41.53			1,528	1,528	509	29.3
	109	4,340	4,419	8,868		

LOCATION	AREA -STAGE I (SQ. YD.)	AREA -STAGE II (SQ. YD.)	AREA -STAGE III (SQ. YD.)	TOTAL ARE (SQ. YD.)	VOLUME CU. YD.	QTY* TON
IL 162 WEST OF I-70						
STA. 474+79. TO 490+00.00	2,984			2,984	995	57.2
STA. 490+00 TO 492+31.71	257			257	86	4.9
STA. 494+09. TO 498+45.49	413			413	138	7.9
STA. 475+26. TO 485+49.37		1,088		1,088	363	20.9
	3,654	1,088	0	4,742		

<b>PROCESSING MODIFIED SOIL, TOTAL=</b>		27,704	528.9
	SQ. YD.		TON

**AGGREGATE (PRIME COAT)  
BITUMINOUS MATERIALS (PRIME COAT)**

TYPE	AGGREGATE BITUMINOUS			
	SQ YD	POUNDS	TON	TON
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"	6,902	34,510	17.3	2.2
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/2"	2,042	10,210	5.1	0.6
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/4"	3,947	19,735	9.9	1.2
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 1/2"	7,718	38,590	19.3	2.4
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4"	5,119	25,595	12.8	1.6
TOTAL=		64.3	8.1	
		TON	TON	

TYPE	RATE	
	AREA (SQ YD) x 5 (LB/SQ YD)	AREA (SQ YD) x .0003129 (Tons/SQ YD)
AGGREGATE (PRIME COAT)		
BITUMINOUS MATERIALS (PRIME COAT)		

**GEOTEXTILE RETAINING WALL**

LOCATION	AVERAGE HEIGHT (FT.)	AREA (SQ. FT.)
IL 162 WEST OF I-70		
STA. 493+50 TO 494+00	1.00	50
STA. 494+00 TO 494+50	2.07	104
STA. 494+50 TO 495+00	2.39	120
STA. 495+00 TO 495+50	2.69	135
STA. 495+50 TO 496+00	3.04	152
STA. 496+00 TO 496+50	3.80	190
STA. 496+50 TO 497+00	4.42	221
STA. 497+00 TO 497+50	4.84	242
STA. 497+50 TO 498+00	5.07	254
STA. 498+00 TO 498+50	4.98	249
STA. 498+50 TO 498+70	4.53	159
IL 162 EAST OF I-70		
STA. 500+30 TO 500+50	4.34	152
STA. 500+50 TO 501+00	4.09	205
STA. 501+00 TO 501+50	3.65	183
STA. 501+50 TO 502+00	2.99	150
STA. 502+00 TO 502+50	1.99	100
STA. 503+00 TO 503+50	1.33	67
STA. 503+00 TO 504+00	0.73	18

<b>GEOTEXTILE RETAINING WALL, TOTAL=</b>		2,750
	SQ. FT.	

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES  
MAINTENANCE OF TRAFFIC - 1**

REVISIONS	
NAME	DATE

DRAWN BY: RDT

PLOT DATE: \*DATE-TIME\*

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
PLAN NO.: \_\_\_\_\_  
NOTE BOOK NO.: \_\_\_\_\_  
SURVEYED \_\_\_\_\_  
ALIGNMENT CHECKED \_\_\_\_\_  
RT. OF WAY CHECKED \_\_\_\_\_  
GOOD FILE NAME \_\_\_\_\_

**PAVEMENT REMOVAL**

LOCATION	AREA -STAGE I (SQ. YD.)	AREA -STAGE II (SQ. YD.)	AREA -STAGE III (SQ. YD.)
<b>SOUTHWEST FRONTAGE ROAD</b>			
STA. 50+57.75 TO 59+59.32	2,817		
STA. 52+18.92 TO 53+96.89		129	
STA. 55+84.33 TO 58+85.83		121	
<b>SOUTHEAST FRONTAGE ROAD</b>			
STA. 11+72.61 TO 18+94.27	988		
STA. 26+90.31 TO 35+20.05	1,928		
STA. 11+82.78 TO 17+19.42		746	
STA. 32+42.69 TO 33+66.00		11	
STA. 31+60.52 TO 34+03.32			162
<b>NORTHWEST FRONTAGE ROAD</b>			
STA. 19+84.12 TO 21+94.10	428		
STA. 22+72.12 TO 23+96.49	124		
STA. 23+91.87 TO 27+68.78	467		
STA. 24+38.88 TO 28+89.39		497	
STA. 24+41.03 TO 28+89.37			493
STA. 25+98.89 TO 27+97.53			33
<b>NORTHEAST FRONTAGE ROAD</b>			
STA. 35+34.12 TO 40+00.00	1,259		
STA. 40+00.00 TO 54+71.53	2,688		
<b>RAMP A</b>			
STA. 51+34.54 TO 53+55.45	199		
STA. 60+35.00 TO 64+27.21		674	
STA. 50+00.00 TO 58+99.09		1,158	
STA. 50+00.00 TO 58+99.09			1,169
<b>RAMP B</b>			
STA. 99+85.34 TO 111+04.60		1,059	
<b>RAMP C</b>			
STA. 18+39.20 TO 19+68.33	128		
STA. 150+00.0 TO 160+19.61			1,361
<b>RAMP D</b>			
STA. 19+14.26 TO 20+00.00	16		
STA. 200+85.0 TO 203+13.72	97		
STA. 200+48.4 TO 204+53.24		885	
STA. 205+43.8 TO 214+41.53			1,172
<b>IL 162 WEST OF I-70</b>			
STA. 474+79.38 TO 490+00.00	2,815		
STA. 490+00.0 TO 492+31.71	231		
STA. 491+96.62 TO 494+88.00	337		
STA. 494+09.5 TO 498+45.49	364		
STA. 494+56.99 TO 497+48.10	168		
STA. 475+26.64 TO 485+49.37		974	
<b>IL 162 EAST OF I-70</b>			
STA. 505+07.3 TO 506+93.71	216		
STA. 508+17.00 TO 509+00.00	12		
STA. 509+00.0 TO 509+12.41	2		

PAVEMENT REMOVAL, TOTAL = 15,284 SQ. YD.      6,254 SQ. YD.      4,390 SQ. YD.  
25,928 SQ. YD.

**TEMPORARY DRAINAGE**

LOCATION	PIPE CULVERTS, CLASS D, TYPE 1 TEMPORARY					PIPE CULVERTS, CLASS D, TYPE 2 (TEMPORARY)			TEMPORARY INLET EACH
	12" L.F.	15" L.F.	18" L.F.	24" L.F.	30" L.F.	24" L.F.	36" L.F.	48" L.F.	
<b>STAGE I</b>									
<b>IL ROUTE 162</b>									
STA. 479+60.75		19							
<b>EAST FRONTAGE ROAD</b>									
STA. 33+96.60			90						
STA. 23+85.70			45						
<b>TEMP. EAST FRONTAGE ROAD</b>									
STA. 116+88.00									1
STA. 116+88.00									36
STA. 114+50.00									100
STA. 113+50.00									100
STA. 112+50.00									300
<b>WEST FRONTAGE ROAD</b>									
STA. 23+54.30				50					
STA. 24+79.00			50						
STA. 25+87.50			35						
<b>STAGE 2</b>									
<b>IL ROUTE 162</b>									
STA. 492+98.00						60			
<b>EAST FRONTAGE ROAD</b>									
STA. 14+98.00				14					
<b>WEST FRONTAGE ROAD</b>									
STA. 16+45.80						50		45	
STA. 16+78.00									
STA. 26+09.00			20						
STA. 27+00.00			105						
<b>RAMP A</b>									
STA. 20+91.30						35			
<b>RAMP B</b>									
STA. 104+24.00					40				
STA. 104+75.00	272								
STA. 107+50.00	99								1
TOTAL =	929	19	345	64	40	85	60	45	5

LOCATION	TEMPORARY PAVEMENT MARKING 4 INCH	
	WHITE SOLID LINE FOOT	YELLOW SOLID LINE FOOT
<b>STAGE I</b>		
<b>West Frontage Road (South Leg)</b>		
Sta. 50+30 to Sta. 60+00	970	970
Sta. 50+30 to Sta. 60+00	970	970
<b>West Frontage Road (North Leg)</b>		
Sta. 5+00 to Sta. 8+00	300	300
Sta. 5+00 to Sta. 8+00	300	300
Sta. 2+30 to Sta. 8+50	620	620
Sta. 2+30 to Sta. 8+50	620	620
<b>East Frontage Road (South Leg)</b>		
Sta. 24+50 to Sta. 16+00	850	850
Sta. 24+50 to Sta. 16+00	850	850
Sta. 158+00 to Sta. 150+30	770	770
Sta. 158+00 to Sta. 150+30	770	770
<b>West Frontage Road (North Leg)</b>		
Sta. 100+00 to Sta. 120+50	2,050	2,050
Sta. 100+00 to Sta. 120+50	2,050	2,050
<b>Illinois Route 162</b>		
Sta. 474+00 to Sta. 514+00	4,000	4,000
Sta. 474+00 to Sta. 514+00	4,000	4,000

STAGE II		
<b>West Frontage Road (South Leg)</b>		
Sta. 9+00 to Sta. 19+10	1,010	1,010
Sta. 9+00 to Sta. 19+10	1,010	1,010
<b>West Frontage Road (North Leg)</b>		
Sta. 22+00 to Sta. 29+50	750	750
Sta. 22+00 to Sta. 29+50	750	750
<b>East Frontage Road (South Leg)</b>		
Sta. 11+00 to Sta. 18+00	700	700
Sta. 11+00 to Sta. 18+00	700	700
Sta. 32+00 to Sta. 35+00	300	300
Sta. 32+00 to Sta. 35+00	300	300
<b>East Frontage Road (North Leg)</b>		
Sta. 35+00 to Sta. 37+50	250	250
Sta. 35+00 to Sta. 37+50	250	250
<b>Illinois Route 162</b>		
Sta. 474+00 to Sta. 498+20	2,420	2,420
Sta. 474+00 to Sta. 498+20	2,420	2,420
<b>Ramp A</b>		
Sta. 3+00 to Sta. 17+30	1,430	
Sta. 3+00 to Sta. 17+30	1,430	
<b>Ramp B</b>		
Sta. 3+00 to Sta. 15+00	1,200	
Sta. 3+00 to Sta. 15+00	1,200	
<b>Ramp D</b>		
Sta. 200+25 to Sta. 205+00	475	
Sta. 200+25 to Sta. 205+00	475	
<b>STAGE III</b>		
<b>West Frontage Road (North Leg)</b>		
Sta. 23+00 to Sta. 29+50	650	650
Sta. 23+00 to Sta. 29+50	650	650
<b>Illinois Route 162</b>		
Sta. 493+00 to Sta. 518+50	2,550	2,550
Sta. 493+00 to Sta. 518+50	2,550	2,550
<b>Ramp C</b>		
Sta. 149+00 to Sta. 159+50	1,050	
Sta. 149+00 to Sta. 159+50	1,050	
<b>Ramp D</b>		
Sta. 205+00 to Sta. 215+00	1,000	
Sta. 205+00 to Sta. 215+00	1,000	
SUBTOTAL ALL STAGES =	46,690	36,380

TEMPORARY PAVEMENT MARKING LINE - 4" TOTAL = 83,070 FEET

**TEMPORARY CONCRETE BARRIER**

LOCATION	LENGTH (FOOT)	PRISMATIC BARRIER REFLECTOR (EACH)
<b>IL ROUTE 162 STAGE I</b>		
STA. 497+70.0 TO 501+32.50 LT	362.5	4
STA. 497+70.0 TO 501+32.50 RT	362.5	4
<b>I-70 STAGE I</b>		
STA. 1351+00.0 TO 1359+00.00 NB - LT	800.0	6
STA. 1344+00.0 TO 1356+00.00 SB - LT	1,200.0	7
STA. 1351+00.0 TO 1359+00.00 NB - RT	800.0	6
STA. 1344+00.0 TO 1356+00.00 SB - RT	1,200.0	7
TEMPORARY CONCRETE BARRIER, TOTAL =	4,725	FEET
PRISMATIC BARRIER REFLECTOR, TOTAL =	34	EACH

**RELOCATE TEMPORARY CONCRETE BARRIER**

LOCATION	LENGTH (FOOT)
<b>IL ROUTE 162 STAGE III</b>	
STA. 497+70.0 TO 501+32.50 LT	362.5
<b>I-70 STAGES II AND III</b>	
STA. 1351+00.0 TO 1359+00.00 NB - LT	800.0
STA. 1351+00.0 TO 1359+00.00 NB - RT	800.0
STA. 1344+00.0 TO 1356+00.00 SB - LT	1,200.0
STA. 1344+00.0 TO 1356+00.00 SB - RT	1,200.0
RELOCATE TEMPORARY CONCRETE BARRIER, TOTAL =	4,362.5 FEET

**IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3**

LOCATION	EACH
<b>IL ROUTE 162 STAGE I</b>	
STA. 497+70.00 LT	1
STA. 501+32.50 RT	1
<b>I-70 STAGE I</b>	
STA. 1359+00.00 NB	2
STA. 1356+00.00 SB	2
IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3, TOTAL =	6 EACH

**RELOCATE IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3**

LOCATION	EACH
STA. 497+70.00 LT	1
STA. 501+32.50 RT	1
I-55/70 NORTHBOUND	2
I-55/70 SOUTHBOUND	2
RELOCATE IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3, TOTAL =	6 EACH

CONTRACT NO.: 76709  
 • 60-10K-1, 60-10HB

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES MAINTENANCE OF TRAFFIC - 2**

REVISIONS	
NAME	DATE

DRAWN BY: ROT

PLOT DATE: \*DATE-TIME\*

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLAN: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 RT. OF WAY CHECKED: \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE-TIME  
 \*DATE-TIME\*

PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)

LOCATION	AREA (SQ. YD.)
IL ROUTE 162	
485+50.00 TO 494+00.00	8,640
494+00.00 TO 498+35.80	4,206
PROPOSED RAMP A	
1325+65.00 TO 12+00.00	1,932
12+00.00 TO 26+00.00	5,297
PROPOSED RAMP B	
10+44.00 TO 24+00.00	4,502
24+00.00 TO 33+88.36	1,142
PROPOSED RAMP C	
10+00.03 TO 14+00.00	475
14+00.00 TO 28+23.81	5,516
PROPOSED RAMP D	
10+50.69 TO 24+00.00	3,805
24+00.00 TO 33+09.19	959

PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED), TOTAL = 36,474 SQ. YD.

PORTLAND CEMENT CONCRETE PAVEMENT 10 3/4" (JOINTED)

LOCATION	AREA (SQ. YD.)
500+60.90 TO 507+90.00	7,875

PORTLAND CEMENT CONCRETE PAVEMENT 10 3/4" (JOINTED), TOTAL = 7,875 SQ. YD.

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

LOCATION	AREA (SQ. YD.)
EAST FRONTAGE ROAD	
36+80.20 RT	467.0
40+76.27 RT	209.9
WEST FRONTAGE ROAD	
24+40.68 RT	318.4
26+29.24 RT	113.5
27+52.49 RT	73.4
EAST FRONTAGE ROAD	
51+08.13 RT	122.6

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, TOTAL = 1,305 SQ. YD.

HOT-MIX ASPHALT SHOULDERS, 8"

LOCATION	AREA (SQ. YD.)
IL ROUTE 162	
478+20.00 TO 482+50.00 LT	191
478+20.00 TO 482+50.00 RT	191
482+50.00 TO 485+50.00 RT	133
482+50.00 TO 485+50.00 LT	133
WEST FRONTAGE ROAD	
11+17.45 TO 17+69.11 RT	290
11+17.45 TO 14+17.38 LT	138
14+53.38 TO 18+80.83 LT	206
20+64.12 TO 27+68.60 LT	309
21+19.67 TO 24+24.47 RT	135
24+81.52 TO 26+07.07 RT	56
26+78.07 TO 27+34.84 RT	22
EAST FRONTAGE ROAD	
13+00.00 TO 27+00.00 LT	622
13+00.00 TO 27+00.00 RT	622
27+00.00 TO 33+72.56 LT	299
27+00.00 TO 33+91.06 RT	307
35+94.01 TO 36+24.08 RT	13
36+68.08 TO 40+00.00 LT	148
37+34.67 TO 40+00.00 RT	133
40+00.00 TO 51+37.00 LT	505
41+22.56 TO 50+65.07 RT	419

HOT-MIX ASPHALT SHOULDERS, 8", TOTAL = 4,874 SQ. YD.

AGGREGATE SHOULDERS, TYPE A, 6"

LOCATION	AREA (SQ. YD.)
IL ROUTE 162	
478+20.00 TO 482+50.00 LT	191
478+20.00 TO 482+50.00 RT	191
482+50.00 TO 485+34.22 RT	126
482+50.00 TO 485+44.10 LT	131
486+04.56 TO 486+80.54 LT	34
486+10.78 TO 486+81.61 RT	32
487+23.62 TO 488+73.04 LT	66
487+28.61 TO 488+73.02 RT	64
I-55/70	
1325+65.00 TO 1337+94.08 RT	273
1342+59.23 TO 1346+74.94 RT	92
1344+59.05 TO 1342+14.73 LT	54
1361+63.47 TO 1364+74.84 LT	69
1361+42.63 TO 1363+42.34 RT	44
PROPOSED RAMP A	
10+73.64 TO 12+00.00 RT	28
12+00.00 TO 25+95.22 RT	314
15+37.95 TO 18+50.00 LT	69
PROPOSED RAMP B	
10+79.53 TO 24+00.00 RT	308
17+40.00 TO 20+69.54 LT	73
24+00.00 TO 33+88.36 RT	220
PROPOSED RAMP C	
10+00.03 TO 14+00.00 RT	89
14+00.00 TO 28+35.72 RT	322
16+59.91 TO 22+50.00 LT	131
PROPOSED RAMP D	
10+71.46 TO 24+00.00 RT	317
17+00.00 TO 19+95.73 LT	66
24+00.00 TO 33+09.19 RT	202

AGGREGATE SHOULDERS, TYPE A, 6", TOTAL = 3,507 SQ. YD.

PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"

LOCATION	AREA (SQ. FT.)	AREA (SQ. YD.)
IL ROUTE 162		
485+50.00 TO 488+73.02 RT	1292	144
485+50.00 TO 488+73.04 LT	1292	144
I-55/70		
1325+65.00 TO 1337+21.00 RT	11,560	1,284
1338+82.61 TO 1344+59.05 LT	5,521	613
1337+44.02 TO 1338+82.61 LT	480	53
1341+24.93 TO 1346+74.94 RT	3,971	441
1361+63.47 TO 1368+34.80 LT	6,912	768
1361+42.63 TO 1368+07.97 RT	5,337	593
PROPOSED RAMP A		
10+00.00 TO 12+00.00 RT	1,288	143
12+00.00 TO 25+95.22 RT	8,234	915
15+37.95 TO 24+31.00 LT	1,248	139
22+88.75 TO 18+50.00 RT	1,344	149
23+65.95 TO 24+99.44 LT	929	103
PROPOSED RAMP B		
10+65.04 TO 11+73.98 RT	578	64
10+93.07 TO 11+73.98 LT	534	59
10+79.53 TO 24+00.00 RT	8,307	923
17+40.00 TO 21+10.79 LT	1,483	165
24+00.00 TO 33+88.36 RT	6,275	697
PROPOSED RAMP C		
10+00.03 TO 14+00.00 RT	2,387	265
14+00.00 TO 28+37.55 RT	8,706	967
16+59.91 TO 22+50.00 LT	2,360	262
25+89.44 TO 27+22.79 LT	928	103
25+12.24 TO 28+35.52 RT	1,253	139
PROPOSED RAMP D		
10+63.25 TO 11+71.78 RT	573	64
10+88.25 TO 11+59.73 LT	523	58
10+69.46 TO 24+00.00 RT	8,566	952
17+00.00 TO 20+32.15 LT	1,329	148
24+00.00 TO 33+09.19 RT	5,667	630

PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4", TOTAL = 10,986 SQ. YD.

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90

LOCATION	AREA (SQ. FT.)	AVG DEPTH (INCH)	QUANTITY (TON)
IL ROUTE 162			
478+20 TO 485+50			
RESURFACING AREA	20,550	1.5	191.8
WIDENING AREA	10,257	1.5	95.7
507+90 TO 518+72	67,288	1.5	628.0

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90, TOTAL = 915.6 TONS

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"

LOCATION	AREA (SQ. YD.)
SOUTHWEST FRONTAGE ROAD	
11+17.45 TO 17+73.45	2,670

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2", TOTAL = 2,670 SQ. YD.

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 3/4"

LOCATION	AREA (SQ. YD.)
SOUTHWEST FRONTAGE ROAD	
13+00.00 TO 27+00.00	3,733
27+00.00 TO 33+77.28	2,453

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 3/4", TOTAL = 6,186 SQ. YD.

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"

LOCATION	AREA (SQ. YD.)
NORTHWEST FRONTAGE ROAD	
21+15.04 TO 27+68.60	2,510

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14", TOTAL = 2,510 SQ. YD.

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 15 1/2"

LOCATION	AREA (SQ. YD.)
NORTHEAST FRONTAGE ROAD	
36+64.43 TO 40+00.00	1,253
40+00.00 TO 51+37.00	3,074

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 15 1/2", TOTAL = 4,327 SQ. YD.

HOT-MIX ASPHALT BINDER COURSE, IL19, N90, 17 1/2"

LOCATION	AREA (SQ. YD.)
IL ROUTE 162 WIDENING AREA	
478+20.00 TO 485+50.00	1,140

HOT-MIX ASPHALT BINDER COURSE, IL19, N90, 17 1/2", TOTAL = 1,140 = 1117 TONS SQ. YD.

LEVELING BINDER (MACHINE METHOD), N90

LOCATION	AREA (SQ. FT.)	AVG DEPTH (INCH)	QUANTITY (TON)
IL ROUTE 162 RESURFACING AREA			
478+20.00 TO 485+50.00	20,550	1	127.9

LEVELING BINDER (MACHINE METHOD), N90, TOTAL = 127.9 TON

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

LOCATION	EACH
IL ROUTE 162	
490+65.46	75.38 RT 1
EAST FRONTAGE ROAD	
14+75.00	42.46 RT 1
14+98.00	65.00 RT 1
17+00.00	35.00 RT 1
20+26.54	40.00 RT 1
25+08.44	40.00 RT 1
28+12.47	40.00 RT 1
39+75.00	36.30 RT 1
39+75.04	45.00 RT 1
41+20.00	45.00 RT 1
41+20.00	60.00 RT 1
43+00.00	60.00 RT 1
44+53.06	35.00 RT 1
46+91.17	35.00 RT 1
49+00.00	29.21 RT 1
WEST FRONTAGE ROAD	
17+47.08	36.00 LT 1
17+56.20	60.96 LT 1
20+48.90	45.00 LT 1
21+67.94	45.00 LT 1
23+21.64	45.00 LT 1
23+51.88	45.00 LT 1
25+51.82	45.00 LT 1
26+84.25	38.67 LT 1
27+21.55	31.75 LT 1

FURNISHING AND ERECTING ROW MARKERS, TOTAL = 24 EACH

STRIP REFLECTIVE CRACK CONTROL TREATMENT

LOCATION	LENGTH FEET
IL ROUTE 162	
478+20.00 TO 485+50.00 LT	730
478+20.00 TO 485+50.00 RT	730

STRIP REFLECTIVE CRACK CONTROL TREATMENT, TOTAL = 1,460 FEET

DRILL AND GROUT DOWEL BARS

LOCATION	EACH
IL ROUTE 162	
507+90.00 TO 514+49.11 LT	330
507+90.00 TO 514+49.11 RT	330

DRILL AND GROUT DOWEL BARS, TOTAL = 660 EACH

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF QUANTITIES  
ROADWAY - 1

DRAWN BY: RDT  
PLOT DATE: \*DATE-TIME\*

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
SURVEYED: \_\_\_\_\_  
PLAN: \_\_\_\_\_  
NOTE BOOK: \_\_\_\_\_  
NO. \_\_\_\_\_  
RT. OF WAY CHECKED: \_\_\_\_\_  
JOB FILE NAME: \_\_\_\_\_

**SEEDING QUANTITIES**

LOCATION	SEEDING, SPECIAL COMPLETE AREA (ACRE)	SEEDING, CLASS 2 AREA (ACRE)	SEEDING, CLASS 2A AREA (ACRE)	SEEDING, CLASS 1B AREA (ACRE)
<b>IL ROUTE 162</b>				
474+36.60 TO 485+71.84 LT		1.28		
474+36.60 TO 485+40.09 RT		1.29		
485+46.33 TO 486+03.03 RT		0.04		
486+01.98 TO 486+82.50 LT		0.06		
486+04.66 TO 486+86.89 RT		0.06		
487+17.50 TO 491+00.65 LT		0.33		
487+22.93 TO 491+16.43 RT		0.36		
491+74.32 TO 497+07.85 LT		0.92		
492+09.67 TO 496+93.22 RT		0.95		
502+39.69 TO 506+65.71 RT		0.70		
501+93.01 TO 506+43.71 RT		0.79		
496+81.3 TO 498+49.7 RT				0.18
497+27.6 TO 498+78.9 LT				0.27
500+17.6 TO 501+60.1 RT				0.26
500+45.4 TO 502+23.1 LT				0.19
<b>WEST FRONTAGE ROAD</b>				
22+15.97 (RAMP D) TO 12+00.00 RT		0.80		
17+30.24 (RAMP D) TO 17+90.20 RT		0.81		
10+00.25 TO 11+49.27 LT		0.05		
11+62.30 TO 12+62.34 LT		0.03		
12+73.43 TO 14+17.38 LT		0.10		
14+49.85 TO 18+07.13 LT		0.29		
18+36.98 TO 18+95.26 LT		0.04		
20+49.08 TO 22+58.41 LT		0.14		
22+93.41 TO 23+63.66 LT		0.06		
23+98.92 TO 26+50.82 LT		0.22		
24+70.83 TO 26+20.25 RT		0.18		
26+51.60 TO 27+43.14 RT		0.03		
26+80.29 TO 29+00.00 LT		0.11		
27+61.49 TO 27+72.30 RT		0.003		
28+00.39 TO 29+00.00 RT		0.05		
<b>EAST FRONTAGE ROAD</b>				
11+71.69 TO 20+96.81 LT		0.53		
11+72.59 TO 31+56.34 RT		1.34		
20+96.81 TO 33+87.09 LT		0.64		
31+87.50 TO 33+23.08 RT		0.15		
33+49.78 TO 34+81.65 RT		0.26		
35+48.48 TO 36+74.42 RT		0.21		
36+25.36 TO 43+98.82 LT		0.49		
37+13.54 TO 40+67.84 RT		0.23		
41+04.49 TO 50+90.42 RT		0.54		
43+98.82 TO 52+57.24 LT		0.39		
51+24.79 TO 53+34.31 RT		0.11		
<b>RAMP A</b>				
20+52.15 TO 26+03.43 RT	2.34			
22+50.00 RT TO 1325+64.95 (I-55)		2.87		
1325+64.99 (I-55) TO 25+69.64 RT			1.76	
15+37.73 TO 24+93.28 LT			0.99	
<b>RAMP B</b>				
11+41.81 TO 17+60.03 RT	2.25			
10+90.43 TO 20+69.54 LT			0.99	
10+96.70 TO 33+88.14 RT			1.14	
<b>RAMP C</b>				
17+36.62 TO 30+03.97 RT	3.06			
10+00.62 TO 17+36.35 RT			0.20	
16+59.68 TO 27+17.60 LT			0.99	
17+36.35 TO 27+85.66 RT			0.88	
<b>RAMP D</b>				
10+57.06 TO 14+21.07 RT	1.08			
10+91.10 TO 19+95.66 LT			0.93	
11+14.73 TO 33+08.97 RT			1.23	
SUBTOTAL	8.75	17.25	9.25	1.00

SEEDING, TOTAL= 36.25 ACRE

25000400 NITROGEN FERTILIZER NUTRIENT	3,263	POUND
25000500 PHOSPHORUS FERTILIZER NUTRIENT	3,263	POUND
25000600 POTASSIUM FERTILIZER NUTRIENT	3,263	POUND
25000700 AGRICULTURAL GROUND LIMESTONE	72.50	TON
25100115 MULCH, METHOD 2	36.25	ACRE

FERTILIZER IS APPLIED AT RATE OF 90LB/ACRE SEEDING  
AGRICULTURAL GROUND LIMESTONE APPLIED AT RATE OF 2 TONS/ACRE

**IMPACT ATTENUATORS (NON-REDIRECTIVE) TEST LEVEL 3**

**ATTENUATOR BASE**

LOCATION	EACH	SOYD
I-55/70		
1352+15	1	31.1
1353+63	1	31.1

IMPACT ATTENUATORS (NON-REDIRECTIVE) TEST LEVEL 3, TOTAL= 2 EACH  
ATTENUATOR BASE, TOTAL= 62.2

**IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3**

LOCATION	EACH
RAMP A	
18+50	1
RAMP C	
22+55	1

IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3, TOTAL= 2 EACH

**STEEL PLATE BEAM GUARDRAIL, TYPE A**

LOCATION	LENGTH (FOOT)	GUARDRAIL MARKERS, TYPE A (EACH)
<b>NORTHBOUND I-55/70</b>		
1338+09.00 TO 1340+84.00	275	4
1368+68.00 TO 1369+55.50	87.5	4
1368+90.00 TO 1371+65.00	275	4
<b>SOUTHBOUND I-55/70</b>		
1334+97.00 TO 1337+72.00	275	4
1336+92.00 TO 1337+92.00	100	4
1365+82.00 TO 1368+57.00	275	4

STEEL PLATE BEAM GUARDRAIL, TYPE A, TOTAL= 1287.5 FEET  
GUARDRAIL MARKERS, TYPE A, TOTAL= 24 EACH

**TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)**

LOCATION	EACH	TERMINAL MARKER - DIRECT (EACH)
<b>NORTHBOUND I-55/70</b>		
1340+84.00	1	1
1371+65.00	1	1
1369+55.50	1	1
<b>SOUTHBOUND I-55/70</b>		
1334+47.00	1	1
1336+42.00	1	1
1365+32.00	1	1

TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT), TOTAL= 6 EACH

TERMINAL MARKER - DIRECT APPLIED, TOTAL= 6 EACH

**TRAFFIC BARRIER TERMINAL TYPE 2**

LOCATION	EACH
<b>NORTHBOUND I-55/70</b>	
1337+96.50	1
1368+77.50	1
1368+55.50	1
<b>SOUTHBOUND I-55/70</b>	
1337+72.00	1
1337+92.00	1
1368+44.50	1

TRAFFIC BARRIER TERMINAL TYPE 2, TOTAL= 6 EACH

**WOVEN WIRE FENCE, 4'**

LOCATION	LENGTH FEET
<b>RAMP A</b>	
16+68.52 RT TO 20+34.82 RT	390
<b>WEST FRONTAGE ROAD</b>	
10+18.09 RT TO 19+44.05 RT (RAMP D STA)	1,118
<b>EAST FRONTAGE ROAD</b>	
11+67.42 LT, TO 33+59.31 LT	2,213
36+49.59 LT TO 52+66.29 LT	1,650

WOVEN WIRE FENCE, 4', TOTAL= 5,371 FEET

**TREE TRUNK PROTECTION**

LOCATION	EACH
<b>WEST FRONTAGE ROAD</b>	
11+24.53	23.86 LT 1
23+22.71	56.88 LT 1
23+26.08	52.49 LT 1
23+31.21	50.95 LT 1
23+45.29	50.72 LT 1
25+36.91	59.95 LT 1
25+51.66	45.54 LT 1
25+83.76	47.63 LT 1
26+42.72	58.04 LT 1
26+97.31	46.60 LT 1

TREE TRUNK PROTECTION, TOTAL = 10 EACH

**STABILIZED SUB-BASE, 4"**

LOCATION	AREA (SQ. YD.)
<b>IL ROUTE 162</b>	
485+50.00 TO 494+00.00	9,752
494+00.00 TO 498+35.80	5,125
500+60.90 TO 507+90.00	9,382
<b>PROPOSED RAMP A</b>	
1325+65.00 TO 12+00.00	2,155
12+00.00 TO 26+00.00	5,720
<b>PROPOSED RAMP B</b>	
10+44.00 TO 24+00.00	4,874
24+00.00 TO 33+88.36	1,286
<b>PROPOSED RAMP C</b>	
10+00.03 TO 14+00.00	567
14+00.00 TO 28+23.81	6,016
<b>PROPOSED RAMP D</b>	
10+50.69 TO 24+00.00	4,322
24+00.00 TO 33+09.19	1,090

STABILIZED SUB-BASE, 4", TOTAL= 50,289 SQ. YD.

**PROCESSING MODIFIED SOIL, 12"**

LOCATION	AREA (SQ. YD.)	VOLUME (CU. YD.)	LIME QTY TON
<b>IL ROUTE 162</b>			
478+20.00 TO 485+00.00	1,789	596	34.3
485+50.00 TO 494+00.00	10,712	3,571	205.3
494+00.00 TO 498+35.80	5,125	1,708	98.2
500+60.90 TO 507+90.00	9,382	3,127	179.8
<b>I-55/70</b>			
1325+65.00 TO 1337+21.00	2,890	963	0.0
<b>PROPOSED RAMP A</b>			
10+00.00 TO 12+00.00	578	193	11.1
12+00.00 TO 26+14.27	7,340	2,447	140.7
<b>PROPOSED RAMP B</b>			
10+44.00 TO 24+00.00	5,876	1,959	112.6
24+00.00 TO 33+88.36	2,073	691	0.0
<b>PROPOSED RAMP C</b>			
10+00.00 TO 11+50.00	217	72	0.0
11+50.00 TO 28+23.81	8,878	2,959	170.2
<b>PROPOSED RAMP D</b>			
10+50.69 TO 20+50.00	4,637	1,546	88.9
20+50.00 TO 33+09.19	2,840	947	0.0
<b>SOUTHWEST FRONTAGE ROAD</b>			
11+17.45 TO 17+73.45	3,630	1,210	69.6
<b>SOUTHEAST FRONTAGE ROAD</b>			
13+00.00 TO 27+00.00	5,148	1,716	98.7
27+00.00 TO 33+77.28	3,130	1,043	60.0
<b>NORTHWEST FRONTAGE ROAD</b>			
21+15.04 TO 27+68.60	3,165	1,055	60.7
<b>NORTHEAST FRONTAGE ROAD</b>			
36+64.63 TO 40+00.00	1,588	529	30.4
40+00.00 TO 51+37.00	4,407	1,469	84.5

PROCESSING MODIFIED SOIL, 12", TOTAL= 83,405 SQ. YD. 1,444.9 TON

1 TON=115 lb/yd<sup>3</sup>

(\*) 12" AGGREGATE, CA-6 SHALL BE USED IN PLACE OF LIME MODIFIED SOIL IN THE WIDENING AREA (NOT ON FILL).

**AGGREGATE BASE COURSE, TYPE A**

LOCATION	AREA (SQ. YD.)	VOLUME (CU. YD.)	QTY TON
<b>IL ROUTE 162</b>			
478+20.00 TO 485+00.00	649	198	99.2
485+50.00 TO 489+00.38	311	76	37.8
<b>I-55/70</b>			
1325+65.00 TO 1337+21.00	1,156	128	64.2
<b>PROPOSED RAMP A</b>			
10+00.00 TO 12+00.00	167	19	9.3
12+00.00 TO 26+14.27	1,471	163	81.7
<b>PROPOSED RAMP B</b>			
10+44.00 TO 24+00.00	1,495	166	83.1
24+00.00 TO 33+88.36	658	73	36.6
<b>PROPOSED RAMP C</b>			
10+00.00 TO 14+00.00	267	30	14.8
14+00.00 TO 28+23.81	1,757	195	97.6
<b>PROPOSED RAMP D</b>			
10+50.69 TO 24+00.00	1,452	161	80.7
24+00.00 TO 33+09.19	404	45	22.4
<b>SOUTHWEST FRONTAGE ROAD</b>			
11+17.45 TO 17+73.45	656	27	13.7
<b>SOUTHEAST FRONTAGE ROAD</b>			
13+00.00 TO 27+00.00	1,400	146	72.9
27+00.00 TO 33+77.28	677	71	35.3
<b>NORTHWEST FRONTAGE ROAD</b>			
21+15.04 TO 27+68.60	654	109	54.5
<b>NORTHEAST FRONTAGE ROAD</b>			
36+64.63 TO 40+00.00	335	70	34.9
40+00.00 TO 51+37.00	1,137	237	118.4

AGGREGATE BASE COURSE, TYPE A, TOTAL= 957.0 TON

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES ROADWAY - 2**

DRAWN BY: RDT

PLOT DATE: \*DATE-TIME\*

**CONCRETE CURB, TYPE B**

LOCATION	LENGTH (FOOT)
IL ROUTE 162	
486+87.00 56' RT TO 486+87.00 61' RT	5.0
487+22.60 56' RT TO 487+22.60 61' RT	5.0
WEST FRONTAGE ROAD	
23+47.20 16' LT TO 23+63.60 44.0' LT	33.0
24+15.40 16' LT TO 25+35.70 67.9' LT	152.6
26+30.50 16' LT TO 26+50.80 55.4' LT	45.2
26+97.50 16' LT TO 26+82.00 50' LT	39.0
EAST FRONTAGE ROAD	
36+89.80 40.9' RT TO 36+97.90 59.1' RT	52.6

CONCRETE CURB, TYPE B, TOTAL = 332.4  
FOOT

**COMBINATION CONC. CURB AND GUTTER TYPE B-6.24**

LOCATION	LENGTH (FOOT)
IL ROUTE 162	
489+00.38 TO 490+99.31 LT	216.5
489+00.38 TO 490+98.43 RT	208.9
491+73.77 TO 494+00.00 LT	255.2
492+09.44 TO 494+00.00 RT	242.1
494+00.00 TO 495+62.38 RT	162.3
494+00.00 TO 496+34.35 LT	234.0
496+76.83 TO 498+26.32 RT	151.5
497+23.92 TO 498+45.27 LT	121.0
500+51.43 TO 501+59.00 RT	107.0
500+70.38 TO 502+29.73 LT	159.2
502+79.27 TO 506+44.29 RT	388.9
503+17.52 TO 506+63.30 LT	395
507+07.80 TO 508+38.00 RT	150.9
507+40.42 TO 508+38.00 LT	97.6

COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24, TOTAL = 2890  
FEET

**COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)**

LOCATION	LENGTH (FOOT)
IL ROUTE 162	
495+62.33 TO 495+88.06 RT	27.2
496+34.35 TO 496+80.96 LT	49.8
502+43.17 TO 502+79.27 RT	39.0
502+80.64 TO 503+25.02 LT	46.2

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL), TOTAL = 162  
FEET

**COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06**

LOCATION	LENGTH (FEET)
IL ROUTE 162	
489+00.38 TO 490+65.58 LT	165
491+76.30 TO 494+00.00 RT	223.7
493+60.62 TO 494+00.00 LT	39.4
494+00.00 TO 495+69.89 LT	169.9
494+00.00 TO 498+30.44 RT	430.4
500+68.31 TO 504+79.80 LT	411.5
502+82.67 TO 506+52.94 RT	370.2
507+89.54 TO 508+50.00 LT	53.5
508+50.00 TO 512+18.07 LT	368.1

COMBINATION CURB AND GUTTER, TYPE M-6.06, TOTAL = 2,232  
FEET

**COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24**

LOCATION	LENGTH (FEET)
IL ROUTE 162	
489+00.38 TO 490+56.60 LT	165
491+76.30 TO 493+60.63 RT	184.3
495+69.89 TO 498+30.44 LT	260.5
500+68.31 TO 502+82.67 RT	214.4
504+79.80 TO 506+52.94 LT	173.1
507+89.54 TO 508+50.00 RT	60.5
508+50.00 TO 513+48.42 RT	408.4
512+18.07 TO 513+48.42 LT	103

COMBINATION CURB AND GUTTER, TYPE M-6.24, TOTAL = 1,569  
FEET

**CONCRETE MEDIAN SURFACE, 4"**

LOCATION	AREA (SQ. FT.)
IL ROUTE 162	
489+10.13 TO 490+56.53	337
491+85.11 TO 494+00.00	3,260
494+00.00 TO 498+17.69	4,303
496+76.83 TO 498+26.21	1,500
497+21.99 TO 498+47.40	1,223
500+49.30 TO 501+61.65	1,099
500+70.49 TO 502+31.03	1,574
500+81.18 TO 506+43.38	2,942
507+97.67 TO 508+50.00	285
508+50.00 TO 513+39.42	3,757
WEST FRONTAGE ROAD	
18+66.02 TO 18+98.31	496
19+93.28 TO 20+16.66	303
EAST FRONTAGE ROAD	
36+89.80 TO 36+97.90	63

CONCRETE MEDIAN SURFACE, 4", TOTAL = 21,141  
SQ. FT.

**CORRUGATED MEDIAN**

LOCATION	AREA (SQ. FT.)
IL ROUTE 162	
496+43.54 TO 496+82.57	236
502+23.12 TO 502+66.08	243
513+31.73 TO 514+47.74	721

CORRUGATED MEDIAN, TOTAL = 1,200  
SQ. FT.

**AGGREGATE BASE COURSE, TYPE A, 12"**

LOCATION	AREA (SQ. YD.)
IL ROUTE 162	
489+10.13 TO 490+56.53	37
491+85.11 TO 494+00.00	362
494+00.00 TO 498+17.69	478
496+43.54 TO 496+82.57	26
496+76.83 TO 498+26.21	167
497+21.99 TO 498+47.40	136
500+49.30 TO 501+61.65	122
500+70.49 TO 502+31.03	175
500+81.18 TO 506+43.38	327
502+23.12 TO 502+66.08	27
507+97.67 TO 508+50.00	32
508+50.00 TO 513+39.42	417
513+31.73 TO 514+47.74	80
WEST FRONTAGE ROAD	
18+66.02 TO 18+98.31	55
19+93.28 TO 20+16.66	34
EAST FRONTAGE ROAD	
36+89.80 TO 36+97.90	7

AGGREGATE BASE COURSE, TYPE A, 12", TOTAL = 2,482  
SQ. YD.

**AGGREGATE BASE COURSE, TYPE B, 8"**

LOCATION	AREA (SQ. YD.)
IL ROUTE 162	
485+87.50 LT	108.4
487+00.00 LT	137.2
487+04.99 RT	115.9
WEST FRONTAGE ROAD	
18+18.90 LT	142.5
22+75.97 LT	112.9
23+81.05 LT	125.9
26+58.00 LT	149.1
EAST FRONTAGE ROAD	
31+72.20 RT	205.7
33+36.20 RT	244.5

AGGREGATE BASE COURSE, TYPE B, 8", TOTAL = 1,342  
SQ. YD.

**AGGREGATE BASE COURSE, TYPE B, 6"**

LOCATION	AREA (SQ. YD.)
IL ROUTE 162	
485+54.50 RT	64.1
485+87.60 RT	51.9
EAST FRONTAGE ROAD	
14+64.26 RT	21.1
WEST FRONTAGE ROAD	
11+55.09 LT	23.4
12+56.18 LT	32.9

AGGREGATE BASE COURSE, TYPE B, 6", TOTAL = 193  
SQ. YD.

**INCIDENTAL HOT-MIX ASPHALT SURFACING**

LOCATION	DEPTH IN	AREA (SQ. YD.)	QUANTITY (TON)
IL ROUTE 162			
485+54.50 RT	2	64.1	7.1
485+87.60 RT	2	51.9	5.8
485+87.50 LT	2	108.4	12.0
487+00.00 LT	2	137.2	15.2
487+04.99 RT	2	115.9	12.9
WEST FRONTAGE ROAD			
11+55.09 LT	2	23.4	2.6
12+56.18 LT	2	32.9	3.7
18+18.90 RT	2	142.5	15.8
22+75.97 RT	2	112.9	12.5
23+81.05 RT	2	125.9	14.0
26+58.00 LT	2	149.1	16.6
EAST FRONTAGE ROAD			
14+64.26 RT	2	21.1	2.3
31+72.20 RT	2	205.7	22.9
33+36.20 RT	2	244.5	27.2

INCIDENTAL HOT-MIX ASPHALT SURFACING, TOTAL = 171  
TON

**PROTECTIVE COAT**

SURFACE TYPE	AREA (SQ. YD.)
PCC PAVEMENT 10 1/4"	36,474
PCC PAVEMENT 10 3/4"	7,875
PCC DRIVEWAY PAVEMENT 8"	1,305
PCC SHOULDERS	10,986
COMBINATION CONC. CURB AND GUTTER TYPE B-6.24	963
COMBINATION CONC. CURB AND GUTTER TYPE M-6.06	259
COMBINATION CONC. CURB AND GUTTER TYPE M-6.24	422
COMBINATION CURB AND GUTTER TYPE B-6.24 (SPECIAL)	60
CONCRETE CURB, TYPE B	37
CONCRETE MEDIAN SURFACE	2,349
CORRUGATED MEDIAN	133

PROTECTIVE COAT, TOTAL = 60,864  
SQ. YD.

**AGGREGATE (PRIME COAT) BITUMINOUS MATERIALS (PRIME COAT)**

TYPE	SQ YD	POUNDS	AGGREGATE TON	BITUMINOUS TON
INCIDENTAL HOT-MIX ASPHALT SURFACING, 2"	1,536	7,680	3.8	2.4
			3.8	2.4
			TON	TON

TYPE	SQ YD	POUNDS	AGGREGATE TON	BITUMINOUS TON
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"	2,670	13,350	6.7	0.8
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 3/4"	6,186	30,930	15.5	1.9
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"	2,924	14,620	7.3	0.9
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 15 1/2"	4,327	21,635	10.8	1.4
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90	10,899	54,497	27.25	3.4
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 17 1/2"	1,140	5,698	2.85	0.4
LEVELING BINDER (MACHINE METHOD), N90	2,283	11,417	5.71	0.7
			76.1	9.5
			TON	TON

TYPE	AGGREGATE RATE
INCIDENTAL HOT-MIX ASPHALT SURFACING, 2"	AREA (SQ YD) x 5 (LB/SQ YD)
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH)	AREA (SQ YD) x 5 (LB/SQ YD)
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90	AREA (SQ YD) x 5 (LB/SQ YD)
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 17 1/2"	AREA (SQ YD) x 5 (LB/SQ YD)
LEVELING BINDER (MACHINE METHOD), N90	AREA (SQ YD) x 5 (LB/SQ YD)

TYPE	BITUMINOUS RATE
INCIDENTAL HOT-MIX ASPHALT SURFACING, 2"	AREA (SQ YD) x .0015646 (Tons/SQ YD)
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH)	AREA (SQ YD) x .0003129 (Tons/SQ YD)
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90	AREA (SQ YD) x .0003129 (Tons/SQ YD)
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 17 1/2"	AREA (SQ YD) x .0003129 (Tons/SQ YD)
LEVELING BINDER (MACHINE METHOD), N90	AREA (SQ YD) x .0003129 (Tons/SQ YD)

**STONE RIPRAP, CLASS B4 FILTER FABRIC**

LOCATION	AREA SQ. YD.
PROPOSED RAMP A	
20+38.50 TO 20+48.50 LT	25
PROPOSED RAMP B	
15+14.00 TO 15+20.00 LT	13
PROPOSED RAMP C	
25+00.00 TO 25+65.00 LT	144
PROPOSED RAMP D	
12+00.00 TO 13+00.00 LT	199
PROPOSED WEST FRONTAGE ROAD	
23+36.50 TO 23+50.50 LT	17

STONE RIPRAP, CLASS B4, TOTAL = 400  
SQ. YD.  
FILTER FABRIC, TOTAL = 400  
SQ. YD.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES ROADWAY - 3**

DRAWN BY: RDT

PLOT DATE: \*DATE-TIME\*

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

\*SUA IS - LINE\*  
\*CON-SPEC\*  
\*REF\*

CONTRACT NO.: 76709  
 \* 60-10K-1, 60-10HB

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
 EARTHWORK - 1

DRAWN BY: RDT  
 PLOT DATE: \*DATE-TIME\*

EARTHWORK WEST FRONTAGE ROAD (CONT'D)

Station	Area Cut	Area Fill	Volume Cut	Volume Fill	
	SQ FT	SQ FT	CU YD	CU YD	
STAGE 2					
11+00.000	56	8			
11+50.000	107	0	151	7	
12+00.000	104	0	195	0	
12+50.000	114	2	202	2	
13+00.000	121	4	218	6	
13+50.000	125	0	228	4	
14+00.000	90	0	199	0	
14+50.000	57	0	136	0	
15+00.000	40	2	90	2	
15+50.000	34	10	69	11	
16+00.000	51	11	79	19	
16+50.000	93	2	133	12	
17+00.000	146	0	221	2	
17+50.000	214	0	333	0	
18+00.000	290	0	467	0	
18+50.000	0	0	269	0	
19+00.000	0	0	0	0	
19+50.000	0	0	0	0	
20+00.000	0	0	0	0	
20+50.000	0	81	0	75	
21+00.000	148	6	137	81	
21+50.000	364	1	474	6	
22+00.000	472	126	774	118	
22+50.000	674	286	1061	381	
23+00.000	800	271	1365	516	
23+50.000	646	189	1339	426	
24+00.000	270	13	848	187	
24+50.000	77	1	321	13	
25+00.000	0	7	71	7	
25+50.000	51	0	47	6	
26+00.000	47	15	91	14	
26+50.000	77	1	115	15	
27+00.000	51	14	119	14	
27+50.000	39	10	83	22	
28+00.000	14	15	49	23	
28+50.000	11	13	23	26	
SUBTOTAL=				9907	1995
STAGE 3					
11+00.000	43	14			
11+50.000	56	1	92	14	
12+00.000	254	2	287	3	
12+50.000	573	3	766	5	
13+00.000	906	25	1369	26	
13+50.000	1154	25	1907	46	
14+00.000	1185	11	2166	33	
14+50.000	1019	61	2041	67	
15+00.000	80	200	1018	242	
15+50.000	405	152	449	326	
16+00.000	599	273	930	394	
16+50.000	698	330	1201	558	
17+00.000	683	263	1279	549	
17+50.000	266	292	879	514	
SUBTOTAL=				15325	2826
				29056	8445
				CU. YD.	CU. YD.

EARTHWORK EAST FRONTAGE ROAD (CONT'D)

Station	Area Cut	Area Fill	Volume Cut	Volume Fill	
	SQ FT	SQ FT	CU YD	CU YD	
STAGE 3					
23+00.000	119	0			
23+50.000	53	0	159	0	
24+00.000	52	0	97	0	
24+50.000	62	2	106	2	
25+00.000	65	3	118	5	
25+50.000	72	4	127	6	
26+00.000	67	6	129	9	
26+50.000	325	1	363	6	
27+00.000	413	18	683	18	
27+50.000	566	11	906	27	
28+00.000	643	8	1119	18	
28+50.000	975	8	1498	15	
29+00.000	1068	0	1892	7	
29+50.000	1162	0	2065	0	
30+00.000	1265	0	2247	0	
30+50.000	1258	0	2336	0	
31+00.000	931	0	2027	0	
31+50.000	574	0	1394	0	
32+00.000	0	0	531	0	
32+50.000	0	0	0	0	
33+00.000	0	0	0	0	
33+50.000	122	0	113	0	
34+00.000	0	0	113	0	
34+50.000	0	0	0	0	
35+00.000	0	0	0	0	
35+50.000	0	0	0	0	
36+00.000	90	43	83	40	
36+50.000	0	0	83	40	
37+00.000	0	0	0	0	
37+50.000	0	0	0	0	
38+00.000	0	0	0	0	
38+50.000	323	0	299	0	
39+00.000	1253	0	1459	0	
39+50.000	991	8	2078	7	
40+00.000	818	0	1675	7	
40+50.000	612	0	1324	0	
SUBTOTAL=				25024	207
				43223	10295
				CU. YD.	CU. YD.

EARTHWORK WEST FRONTAGE ROAD

Station	Area Cut	Area Fill	Volume Cut	Volume Fill	
	SQ FT	SQ FT	CU YD	CU YD	
STAGE 1					
11+00.000	9	50	0	0	
11+50.000	22	77	29	118	
12+00.000	25	67	44	133	
12+50.000	21	67	43	124	
13+00.000	14	55	32	113	
13+50.000	33	70	44	116	
14+00.000	73	127	98	182	
14+50.000	30	203	95	306	
15+00.000	21	67	47	250	
15+50.000	91	265	104	307	
16+00.000	81	283	159	507	
16+50.000	97	301	165	541	
17+00.000	130	45	210	320	
17+50.000	266	0	367	42	
18+00.000	267	0	494	0	
18+50.000	0	0	247	0	
19+00.000	0	0	0	0	
19+50.000	0	0	0	0	
20+00.000	0	0	0	0	
20+50.000	31	114	29	106	
21+00.000	82	53	105	155	
21+50.000	73	31	144	78	
22+00.000	76	15	138	43	
22+50.000	48	7	115	20	
23+00.000	71	2	110	8	
23+50.000	101	2	159	4	
24+00.000	169	2	250	4	
24+50.000	76	5	227	6	
25+00.000	77	28	142	31	
25+50.000	32	16	101	41	
26+00.000	32	19	59	32	
26+50.000	12	5	41	22	
27+00.000	7	5	18	9	
27+50.000	2	1	8	6	
SUBTOTAL=				3824	3624

EARTHWORK EAST FRONTAGE ROAD

Station	Area Cut	Area Fill	Volume Cut	Volume Fill	
	SQ FT	SQ FT	CU YD	CU YD	
STAGE 1					
23+00.000	0	86	0	0	
23+50.000	0	75	0	149	
24+00.000	0	71	0	135	
24+50.000	0	67	0	128	
25+00.000	0	88	0	144	
25+50.000	0	101	0	175	
26+00.000	0	105	0	191	
26+50.000	0	118	0	206	
27+00.000	1	129	1	229	
27+50.000	7	121	7	231	
28+00.000	22	117	27	220	
28+50.000	33	95	51	196	
29+00.000	47	80	74	162	
29+50.000	48	69	88	138	
30+00.000	52	63	93	122	
30+50.000	65	44	108	99	
31+00.000	65	52	120	89	
31+50.000	79	24	133	70	
32+00.000	83	34	150	54	
32+50.000	77	73	148	99	
33+00.000	118	131	181	189	
33+50.000	3	232	112	336	
34+00.000	0	183	3	384	
36+00.000	36	272	133	1685	
36+50.000	89	231	116	466	
37+00.000	89	244	165	440	
37+50.000	110	180	184	393	
38+00.000	96	162	191	317	
38+50.000	99	141	181	281	
39+00.000	91	150	176	269	
39+50.000	44	142	125	270	
40+00.000	88	133	122	255	
40+50.000	122	98	194	214	
41+00.000	91	67	197	153	
41+50.000	68	83	147	139	
42+00.000	66	66	124	138	
42+50.000	89	59	144	116	
43+00.000	96	64	171	114	
43+50.000	58	63	143	118	
44+00.000	20	74	72	127	
SUBTOTAL=				3881	9241
STAGE 2					
23+00.000	0	18			
23+50.000	0	21	0	36	
24+00.000	0	19	0	37	
24+50.000	0	40	0	55	
25+00.000	0	42	0	76	
25+50.000	0	46	0	81	
26+00.000	0	45	0	84	
26+50.000	0	25	0	65	
27+00.000	0	11	0	33	
27+50.000	2	1	2	11	
28+00.000	186	0	174	1	
28+50.000	158	0	319	0	
29+00.000	151	0	286	0	
29+50.000	150	0	279	0	
30+00.000	157	0	284	0	
30+50.000	178	0	310	0	
31+00.000	196	0	346	0	
31+50.000	222	0	387	0	
32+00.000	457	0	629	0	
32+50.000	478	2	866	2	
33+00.000	418	0	830	2	
33+50.000	372	1	731	1	
34+00.000	146	17	480	17	
34+50.000	0	0	135	16	
35+00.000	0	0	0	0	
35+50.000	0	0	0	0	
36+00.000	78	5	72	5	
36+50.000	285	0	336	5	
37+00.000	396	0	631	0	
37+50.000	391	0	729	0	
38+00.000	376	0	710	0	
38+50.000	200	0	533	0	
39+00.000	186	0	357	0	
39+50.000	371	8	516	7	
40+00.000	281	5	604	12	
40+50.000	234	8	477	12	
41+00.000	662	26	830	31	
41+50.000	395	55	979	75	
42+00.000	224	23	573	72	
42+50.000	146	9	343	30	
43+00.000	140	23	265	30	
43+50.000	77	15	201	35	
44+00.000	35	2	104	16	
SUBTOTAL=				14318	847
				33472	84053
				CU. YD.	CU. YD.

Station	Area Cut	Area Fill	Volume Cut	Volume Fill
	SQ FT	SQ FT	CU YD	CU YD
STAGE 3				
478+50.000	9	20		
479+00.000	12	14	19	31
479+50.000	15	12	25	24
480+00.000	14	8	27	19
480+50.000	11	11	23	18
481+00.000	7	11	17	20
481+50.000	3	4	9	14
482+00.000	14	19	16	21
482+50.000	17	11	29	28
483+00.000	17	6	31	16
483+50.000	19	4	33	9
484+00.000	11	9	28	12
484+50.000	31	4	39	12
485+00.000	55	3	80	6
485+50.000	12	7	62	9
486+00.000	16	5	26	11
486+50.000	65	1	75	6
487+00.000	19	0	78	1
487+50.000	32	5	47	5
488+00.000	27	7	55	11
488+50.000	27	8	5	

**EARTHWORK RAMP A**

Station	Area Cut SQ FT	Area Fill SQ FT	Volume Cut CU YD	Volume Fill CU YD
<b>STAGE 1</b>				
16+00.000	26	0	0	0
16+50.000	25	0	47	0
17+00.000	15	3	37	3
SUBTOTAL= 84 3				
<b>STAGE 2</b>				
16+00.000	87	36		
16+50.000	101	46	174	76
17+00.000	113	48	198	87
17+50.000	125	52	220	93
18+00.000	98	84	206	126
18+50.000	125	95	206	156
19+00.000	84	149	194	204
19+50.000	70	257	143	363
20+00.000	91	351	149	537
20+50.000	113	403	189	672
21+00.000	164	596	256	889
21+50.000	248	921	381	1369
22+00.000	386	1276	587	2005
22+50.000	497	1604	818	2637
23+00.000	608	1915	1023	3241
23+50.000	736	2213	1244	3805
24+00.000	789	2554	1412	4356
24+50.000	806	2922	1477	4831
25+00.000	797	3414	1484	5685
SUBTOTAL= 10361 31132				

10445 31135  
CU. YD. CU. YD.

**EARTHWORK RAMP C**

Station	Area Cut SQ FT	Area Fill SQ FT	Volume Cut CU YD	Volume Fill CU YD
<b>STAGE 3</b>				
19+50.000	110	14		
20+00.000	87	30	182	41
20+50.000	79	81	154	103
21+00.000	76	112	144	179
21+50.000	70	170	135	261
22+00.000	46	253	107	392
22+50.000	19	369	60	566
23+00.000	155	398	161	684
23+50.000	221	509	348	824
24+00.000	290	733	473	1119
24+50.000	338	1000	581	1574
25+00.000	259	1295	553	2075
25+50.000	160	1514	388	2551
26+00.000	233	1831	364	3012
26+50.000	306	2187	499	3635
27+00.000	309	2962	569	4459
SUBTOTAL= 4718 21475				

4718 21475  
CU. YD. CU. YD.

**EARTHWORK I-55/70**

Station	Area Cut SQ FT	Area Fill SQ FT	Volume Cut CU YD	Volume Fill CU YD
<b>STAGE 1</b>				
1326+00.000	58	7	0	0
1326+50.000	58	6	107	12
1327+00.000	53	8	103	13
1327+50.000	54	12	99	19
1328+00.000	54	12	100	22
1328+50.000	53	12	99	22
1329+00.000	66	13	110	23
1329+50.000	66	13	122	24
1330+00.000	59	15	116	26
1330+50.000	55	17	106	30
1331+00.000	54	20	101	34
1331+50.000	56	22	102	39
1332+00.000	55	22	103	41
1332+50.000	57	23	104	42
1333+00.000	58	22	106	42
1333+50.000	62	21	111	40
1334+00.000	66	20	119	38
1334+50.000	86	22	141	39
1335+00.000	94	28	167	46
1335+50.000	103	30	182	54
1336+00.000	106	28	194	54
1336+50.000	113	29	203	53
1337+00.000	119	29	215	54
1337+50.000	123	32	224	56
1338+00.000	185	35	285	62
1338+50.000	199	39	356	69
1339+00.000	212	38	381	71
1339+50.000	230	34	409	67
1340+00.000	178	33	378	62
1340+50.000	171	31	323	59
1341+00.000	143	25	291	52
1341+50.000	174	27	294	48
1342+00.000	129	30	281	53
1342+50.000	138	29	247	55
1343+00.000	134	30	252	55

16703 5411  
CU. YD. CU. YD.

**EARTHWORK I-55/70 (CONT'D)**

Station	Area Cut SQ FT	Area Fill SQ FT	Volume Cut CU YD	Volume Fill CU YD
<b>STAGE 2</b>				
1340+00.000	72	10		
1340+50.000	75	2	136	11
1341+00.000	134	28	194	28
1341+50.000	147	24	260	48
1342+00.000	194	14	316	35
1342+50.000	180	4	346	17
1343+00.000	224	18	374	20
<b>STAGE 3</b>				
1362+50.000	184	40		
1363+00.000	176	30	333	65
1363+50.000	136	18	289	44
1364+00.000	95	1	214	18
1364+50.000	80	8	162	8
1365+00.000	82	14	150	20
1365+50.000	88	19	157	31
1366+00.000	0	0	81	18
1366+50.000	0	0	0	0
1367+00.000	0	0	0	0
1367+50.000	0	0	0	0
1368+00.000	16	6	15	6
1368+50.000	40	4	52	9
1369+00.000	194	3	217	6
1369+50.000	200	3	365	6
1370+00.000	130	78	306	75
1370+50.000	112	7	224	79
1371+00.000	99	13	195	19
1371+50.000	89	8	174	19
1372+00.000	52	2	131	9
1372+50.000	35	2	81	4
1373+00.000	15	0	46	2
SUBTOTAL= 4818 597				
<b>STAGE 3</b>				
1362+50.000	227	106		
1363+00.000	192	74	388	167
1363+50.000	170	39	335	105
1364+00.000	110	8	259	44
1364+50.000	84	10	180	17
1365+00.000	80	19	152	27
1365+50.000	88	33	156	48
SUBTOTAL= 1470 408				

**EARTHWORK RAMP B**

Station	Area Cut SQ FT	Area Fill SQ FT	Volume Cut CU YD	Volume Fill CU YD
<b>STAGE 1</b>				
16+00.000	0	0	0	0
16+50.000	0	31	0	29
17+00.000	4	13	4	41
17+50.000	16	13	19	24
18+00.000	22	61	35	69
18+50.000	29	42	47	95
19+00.000	51	28	74	65
19+50.000	81	31	122	55
SUBTOTAL= 301 378				
<b>STAGE 2</b>				
11+50.000	4	2951		
12+00.000	48	2342	48	4834
12+50.000	84	2169	122	4110
13+00.000	0	35	78	2032
13+50.000	336	1697	311	1595
14+00.000	457	1374	734	2801
14+50.000	619	1038	996	2191
15+00.000	627	675	1154	1528
15+50.000	517	424	1059	959
16+00.000	388	223	838	565
16+50.000	304	153	641	314
17+00.000	246	115	509	231
17+50.000	198	102	411	183
18+00.000	176	60	346	150
18+50.000	148	10	300	65
19+00.000	139	7	266	16
19+50.000	135	8	254	14
SUBTOTAL= 8067 21588				

8368 21966  
CU. YD. CU. YD.

**EARTHWORK RAMP D**

Station	Area Cut SQ FT	Area Fill SQ FT	Volume Cut CU YD	Volume Fill CU YD
<b>STAGE 1</b>				
14+50.000	0	2	0	0
15+00.000	0	10	0	11
15+50.000	1	48	1	54
16+00.000	14	13	14	56
16+50.000	11	4	23	16
17+00.000	4	0	14	4
17+50.000	0	0	4	0
18+00.000	24	96	22	89
18+50.000	20	69	41	153
SUBTOTAL= 119 383				
<b>STAGE 3</b>				
11+50.000	14	2343		
12+00.000	107	1583	112	3319
12+50.000	165	1392	252	2644
13+00.000	190	1295	329	2428
13+50.000	266	1135	422	2190
14+00.000	444	872	657	1814
14+50.000	143	621	544	1338
15+00.000	115	379	239	895
15+50.000	150	281	245	581
16+00.000	145	233	273	459
16+50.000	164	231	286	413
17+00.000	140	242	281	428
17+50.000	134	221	254	419
18+00.000	102	86	219	284
18+50.000	78	63	167	138
SUBTOTAL= 4280 17350				

4399 17733  
CU. YD. CU. YD.

**EARTHWORK SCHEDULE - SUMMARY**

ROADWAY	EARTH EXCAVATION CU YD	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE (+) OR SHORTAGE (-) CU YD
<b>TL ROUTE 162</b>				
STAGE I	1288	966	429	537
STAGE II	13106	9830	43300	-33471
STAGE III	18310	13733	40144	-26412
STAGE III LEFT	768	576	176	400
<b>EAST FRONTAGE ROAD</b>				
STAGE I	3918	2939	9241	-6303
STAGE II	14318	10739	847	9892
STAGE III	25024	18768	207	18561
<b>WEST FRONTAGE ROAD</b>				
STAGE I	3824	2868	3624	-756
STAGE II	9907	7430	1976	5454
STAGE III	15325	11494	2826	8668
<b>RAMP A</b>				
STAGE I	84	63	3	60
STAGE II	10361	7771	31132	-23361
STAGE III	0	0	0	0
<b>RAMP B</b>				
STAGE I	301	226	378	-152
STAGE II	8067	6050	21966	-15916
STAGE III	0	0	0	0
<b>RAMP C</b>				
STAGE I	0	0	0	0
STAGE II	0	0	0	0
STAGE III	4718	3539	21475	-17937
<b>RAMP D</b>				
STAGE I	119	89	383	-294
STAGE II	0	0	0	0
STAGE III	4280	3210	17350	-14140
<b>I-55/70</b>				
STAGE I	10415	7811	4406	3405
STAGE II	4818	3614	597	3017
STAGE III	1470	1103	408	695
TOTAL	150421	112816	200868	-88052

SHRINKAGE FACTOR FOR EARTH EXCAVATION: 25%

EARTH EXCAVATION	150425	CU YD
BORROW EXCAVATION	88055	CU YD

ILLINOIS DEPARTMENT OF TRANSPORTATION

REVISIONS	
NAME	DATE

**SCHEDULE OF QUANTITIES  
EARTHWORK - 2**

DRAWN BY: GRH

PLOT DATE: \*DATE-TIME\*

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
PLAN NO.: \_\_\_\_\_  
SURVEYED: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
DATE: \_\_\_\_\_

\*DATE-TIME\*  
\*DRAW-SPEC\*  
\*REV\*  
\*REF\*

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLAN \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 P.T. OF WAY CHECKED \_\_\_\_\_  
 ROAD FILE NAME \_\_\_\_\_

LOCATION	POLYUREA PAVEMENT MARKING															RAISED REFLECTIVE PAVEMENT MARKERS			DELINEATORS	
	4 INCH					8 INCH		SPECIAL - 4 INCH			SPECIAL - 8 INCH	SPECIAL - 12 INCH			SPECIAL - 24	LETTERS AND SYMBOLS, SPECIAL	CRYSTAL	AMBER		AMBER
	YELLOW SOLID LINE	YELLOW SKIP-DASH LINE	YELLOW DOUBLE SOLID LINE	WHITE SKIP-DASH LINE	WHITE SOLID LINE	WHITE SOLID LINE	WHITE SKIP-DASH LINE	WHITE SKIP-DASH LINE	WHITE SOLID LINE	YELLOW SOLID LINE	WHITE SOLID LINE	YELLOW DIAGONAL 20' C-C	WHITE DIAGONAL 20' C-C	WHITE DIAGONAL 30' C-C	STOP BAR		SO. FT.	ONE WAY		ONE WAY
FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		(EACH)	(EACH)	(EACH)	(EACH)	
IL ROUTE 162																				
Pavement Marking Sheet 1	1,354	168	0	485	1,323	0							0	0	86	140	38	38	10	
Pavement Marking Sheet 2	1,828	460	0	460	2,489	0			380	209	21			58	0	140	86	0	22	
WEST FRONTAGE ROAD																				
Pavement Marking Sheet 1	0	0	317	0	233	0								490	146	0	97	73	4	
Pavement Marking Sheet 6	0	0	31	0	15	0							106	0	0	0	7	20	7	
Pavement Marking Sheet 7	0	0	53	0	25	0							102	0	0	0	6	24	5	
EAST FRONTAGE ROAD																				
Pavement Marking Sheet 2	0	0	284	0	310	0								203	13	0	80	83	7	
Pavement Marking Sheet 3																			0	
Pavement Marking Sheet 4														97					0	
Pavement Marking Sheet 5														61					3	
Pavement Marking Sheet 8																			0	
RAMP A																			0	
Pavement Marking Sheet 2	398	0	0	43	492	0							0	60	49	47	3	0	0	
Pavement Marking Sheet 3	0	0	0	0	1,437	413	246						0	57	0	0	24	0	0	
Pavement Marking Sheet 6	918	0	0	232	1,908	805							0	247	0	109	37	0	0	
RAMP B																			0	
Pavement Marking Sheet 2	402	0	0	49	430	0							0	28	0	18	3	0	0	
Pavement Marking Sheet 3	0	0	0	42	1,105	510	42						0	57	0	0	38	0	0	
Pavement Marking Sheet 4	864	0	0	124	1,325	403							0	88	0	12	28	0	0	
RAMP C																			0	
Pavement Marking Sheet 2	437	0	0	103	542	0							0	123	63	62	6	0	0	
Pavement Marking Sheet 5	937	0	0	206	1,606	120							0	27	0	172	25	0	0	
Pavement Marking Sheet 8	0	0	0	0	636	670	20						0	153	0	0	50	0	0	
RAMP D																			0	
Pavement Marking Sheet 2	392	0	0	48	450	0							0	59	0	18	3	0	0	
Pavement Marking Sheet 7	784	0	0	107	1,138	346							0	68	0	0	25	0	0	
Pavement Marking Sheet 8	0	0	0	0	1,158	617	59						0	116	0	0	47	0	0	
TOTAL	8,314	628	685	1,898	16,622	3,884	367	380	209	21	693	366	217	1,083	515	967	440	124	116	91
			28,147				4,251		610		693		1,300		515	967	680			91

LOCATION	THERMOPLASTIC PAVEMENT MARKING										LETTERS AND SYMBOLS
	4 INCH					12 INCH			24 INCH	SQ. FT.	
	YELLOW SOLID LINE	YELLOW SKIP-DASH LINE	YELLOW DOUBLE SOLID LINE	WHITE DASHED	WHITE SKIP-DASH LINE	WHITE SOLID	YELLOW DIAGONAL 20' C-C	WHITE DIAGONAL 20' C-C	WHITE DIAGONAL 30' C-C		
FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
IL ROUTE 162											
474+36.60 TO 485+50.00	884	221	3,392	0	0	3,700	65	0	0	0	94
507+90.00 TO 517+60.00	2,147	232	0	200	0	275	0	0	0	12	94
WEST FRONTAGE ROAD											
21+15.04 TO 27+68.60	0	0	2,142	108	0	1,568	193	0	0	0	83
11+17.65 TO 17+73.45	0	0	2,232	108	0	1,214	190	0	0	0	31
EAST FRONTAGE ROAD											
33+00.00 TO 37+00.00	0	0	70	0	0	35	0	0	0	0	83
49+09.67 TO 51+37.00	0	0	458	0	0	457	0	0	0	0	0
37+00.00 TO 49+09.67	0	0	3,240	90	0	2,420	176	0	0	0	0
19+92.35 TO 33+00.00	0	0	3,402	108	0	2,705	115	0	0	0	42
13+00.00 TO 19+92.35	0	0	1,398	0	0	1,398	0	0	0	0	0
TOTAL	3,031	453	16,334	614	0	13,772	739	0	0	12	428
			34,204				739			12	428

LOCATION	POLYUREA PAVEMENT MARKING TYPE I - CURB	
	YELLOW SOLID LINE	YELLOW SKIP-DASH LINE
	FOOT	FOOT
IL ROUTE 162		
Pavement Marking Sheet 1	208	288
Pavement Marking Sheet 2	50	720
SUBTOTAL	258	1,008

POLYUREA PAVEMENT MARKING TYPE I - CURB, TOTAL = 1,266 FOOT

PRISMATIC CURB REFLECTOR		EACH
LOCATION		
IL ROUTE 162		
489+02 TO 490+61	LT	16
491+50 TO 490+78	LT	15
491+64 TO 491+95	RT	13
491+80 TO 495+00	RT	31
495+00 TO 498+24	LT	23
496+64 TO 498+24	RT	21
497+18 TO 498+45	LT	18
499+34 TO 499+60		11
500+50 TO 501+65	RT	15
500+70 TO 502+38	LT	22
500+75 TO 503+66	RT	25
506+66 TO 506+48	LT	23
507+90 TO 513+44		46

PRISMATIC CURB REFLECTOR, TOTAL = 279 EACH

MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR			
LOCATION			EACH
IL ROUTE 162			
498+95.00 TO 500+53.11	LT		3
498+43.58 TO 500+01.46	RT		3
RAMP A			
18+50.00 TO 24+71.00	LT		8
RAMP B			
11+14.90 TO 17+40.00	LT		8
RAMP C			
22+50.00 TO 26+94.30	LT		6
RAMP D			
11+16.35 TO 17+00.00	LT		8

MONODIRECTIONAL PRISMATIC REFLECTOR, TOTAL = 36 EACH

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES PAVEMENT MARKINGS**

DRAWN BY: RDT

PLOT DATE: \*DATE-TIME\*



STORM SEWER AND PIPE CULVERT SCHEDULE

Location	Structure No.	PRECAST CONCRETE BOX CULVERT		STORM SEWERS, TYPE 1	STORM SEWERS, TYPE 1	PIPE CULVERTS, TYPE 1 RCPP										PIPE CULVERTS, TYPE 2 RCPP	PIPE CULVERTS, TYPE 3 RCPP	PIPE CULVERTS, TYPE 4 RCPP	PIPE CULVERTS, CL. 24" (JACKED)	TRENCH BACKFILL	CU. YD.
		6' x 4'	5' x 2'			12"	12" Watermain Requirement	15"	18"	18" Watermain Requirement	21"	21" Watermain Requirement	24"	24" Watermain Requirement	27"						
IL Route 162		L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.		
479+60.75						57															0
484+04.50		8																			0
485+22.05 TO 485+61.00	1R TO 2R					39															5.9
485+85.27 TO 486+19.23	3R TO 4R					34															4.4
490+80.00	7R				35																0
492+80.00	8R			14																	0
485+60.45 TO 486+11.51	1L TO 2L					51															9.6
492+80.00	3L			15																	0
495+20.00	4L			11																	0
497+30 TO 498+15	5L TO 6L			100																	18.6
496+53.00				140																	38.8
501+35 TO 502+25	7L TO 8L			102																	19.0
502+25 TO 502+80				115																	35.0
504+00 TO 506+00	9L TO 10L			197																	0
506+00.00				55																	0
494+80.00	9R			75																	13.9
497+00 TO 497+60	10R TO 11R			135																	37.3
496+44.6 TO 497+00				76																	21.0
500+80 TO 501+55	12R TO 13R			100																	70.4
501+55 TO 502+46				141																	0
504+20 TO 505+75	14R TO 15R			153																	0
505+71.90				59																	0
495+87.00			74																		0
East Frontage Road																					0
51+40.70						5 (*)															0
50+70.20						10 (*)															0
43+00 TO 42+98.60										110											10.6
41+12 TO 40+53						118															11.0
37+45.70				4																	0
36+40.00				6																	0
36+21.80																					19.9
35+83.4 TO 37+45.7													190								45.8
34+13.5 TO 33+64.2						42															8.7
33+56 TO 33+17.8																					0
21+06.60																					0
21+30.50																					0
21+10.2 TO 21+00.5																					0
15+05.4 TO 14+95.4																					0
14+98.20																					0
14+95.2 TO 14+85.2																					0
West Frontage Road																					5.5
22+48.4 TO 23+03.4										110											0
23+42.8 TO 23+54.35											112										0
23+58.2 TO 23+60.0				10																	0
23+99.4 TO 24+00.0				13																	0
23+50.9 TO 24+10.5																					8.4
26+30 TO 27+00																					0
27+38.00																					0
26+10.00																					0
26+63.00																					0
24+37.4 TO 24+74.7						90															0
Ramp A																					0
17+50 TO 19+40																					188
17+50 TO 19+50																					198
19+40 TO 20+50																					103
19+50 TO 20+47																					111
20+44 TO 20+91																					0
21+00.00				33																	0
22+50.00				52																	0
Ramp B																					0
15+03.74 TO 15+17																					112
14+34.00				37																	0
13+00.00				60																	0
Ramp C																					0
24+50.00				43																	0
25+30.8 TO 25+52.4																					184
Ramp D																					0
12+34 TO 12+56.3																					507
13+00.00				47																	0
14+42.00				36																	0
I-55/70																					0
1347+68 LT TO RT																					144
1347+67.4 TO 1347+77.4																					0
1355+91.3 TO 1356+01.3																					0
1356+01.3 LT TO RT																					0
1356+01.3 TO 1356+11.3																					0
TOTAL=		8	74	1829	35	313	408	18	218	112	66	110	600	190	32	381	112	184	507	603	1457

(\*) DENOTES METAL PIPE

PIPE CULVERT REMOVAL

LOCATION	PIPE CULVERT REMOVAL 12" * (FEET)	PIPE CULVERT REMOVAL 18" * (FEET)	PIPE CULVERT REMOVAL 24" * (FEET)	PIPE CULVERT REMOVAL 30" * (FEET)	PIPE CULVERT REMOVAL 23"x14" * (FEET)	BOX CULVERT REMOVAL 6' x 3' (FEET)
IL ROUTE 162						
479+60.75 LT TO 479+60.75 RT	42					
493+46.60 TO						33
I-55/70						
1352+28.00			28			
1352+12.00			27			
1354+01.00			43			
1354+29.00			41			
EXISTING RAMP B						
6+97.00 LT TO 7+39.50 RT				100		
EXISTING NORTHWEST FRONTAGE ROAD						
2+75.60 LT TO 3+58.00 LT		77				
3+65.00 LT TO 3+99.00 LT			56			
3+99.80 LT TO						



(CONTINUED)

CLASS SI CONCRETE (OUTLET)

LOCATION	CU YD
WEST FRONTAGE ROAD	
17+73.45 RT	4.14
18+82.00 LT	2.07
20+68.80 LT	3.51
21+15.00 RT	4.14
EAST FRONTAGE ROAD	
33+77.30 LT	4.14
33+94.20 RT	3.86
35+90.00 RT	3.65
36+64.40 LT	4.14
TOTAL	29.7

GRATES AND COVERS, TYPE 2B

LOCATION	EACH
IL ROUTE 162	
491+13.40 RT	1
TOTAL	1

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

Location	Structure No.	INLETS, TYPE A				INLETS, TYPE B		MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	FLARED END SECTIONS				FLARED END SECTIONS W/ GRATING		METAL END SECTION		RC END SECTION STD. 542116 (*)				INLET BOX STD. 542531	END SECTION W/ GRATING			CONCRETE STRUCTURES	REINFORCEMENT BARS
		TYPE 3V FRAME AND GRATE	TYPE 8 GRATE	TYPE 20 FRAME AND GRATE	TYPE 4 FRAME AND GRATE	TYPE 3V FRAME AND GRATE	TYPE 4 FRAME AND GRATE		12"	15"	18"	24"	27"	36"	18"	24"	15"	18"	21"	24"		24"	6'x4'	5'x2'		
Ramp C																										
24+50.00				1																						
25+30.80																										
25+52.40																										
Ramp D																										
12+34.00																										
12+56.30																										
13+00.00				1																						
14+42.00				1																						
I-70																										
1347+68.00																										
1347+67.00																										
1348+00.00																										
1355+69.78																										
1356+01.30																										
1356+32.73																										
TOTAL=		6	6	7	2	6	2	2	14	12	5	2	6	1	2	1	2	4	6	10	6	1	1	1	33.0	1980

(\*) PAID AS CONCRETE STRUCTURES AND REINFORCEMENT BARS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
DRAINAGE - 3

DRAWN BY: GRH

PLOT DATE: \*DATE-TIME\*

\*DUAL-LINE\*  
 \*NON-SPEC\*  
 \*REF\*

**LEGEND**

- ① EXISTING AGGREGATE BASE COURSE, ±4"
- ② EXISTING CONCRETE PAVEMENT, 10"-13"
- ③ EXISTING HOT-MIX ASPHALT SURFACE, ±3"
- ④ EXISTING PAVED SHOULDER, 8"-13"
- ⑤ EXISTING CURB AND GUTTER
- ⑥ EXISTING AGGREGATE SHOULDER, 6"
- ⑦ PCC PAVEMENT 10 1/4" (JOINTED)
- ⑧ HOT-MIX ASPHALT BINDER COURSE IL19, N90, 17 1/2"
- ⑨ NOT USED
- ⑩ COMBINATION CONCRETE CURB AND GUTTER
- ⑪ CONCRETE MEDIAN SURFACE, 4"
- ⑫ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑬ AGGREGATE SHOULDERS, TYPE A, 6"
- ⑭ DITCH
- ⑮ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH)
- ⑯ PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
- ⑰ STABILIZED SUB-BASE, 4"
- ⑱ LIME MODIFIED SOIL, 12"
- ⑲ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90, 1 1/2"
- ⑳ LEVELING BINDER (MACHINE METHOD), N90, 1"
- ㉑ TIE BAR
- ㉒ STRIP REFLECTIVE CRACK CONTROL
- ㉓ PIPE UNDERDRAINS, 4"
- ㉔ AGGREGATE BASE COURSE, TYPE A, 12"
- ㉕ LONGITUDINAL SAWED JOINT #6 TIE BARS @ 30" LONG, 24" C.C. EPOXY COATED, DEFORMED INCLUDED IN JOINTED PAVEMENT 10 1/4"
- ㉖ LONGITUDINAL CONSTRUCTION JOINT #8 TIE BARS @ 24" LONG, 24" C.C. EPOXY COATED, DEFORMED INCLUDED IN JOINTED PAVEMENT 10 1/4"
- ㉗ AGGREGATE BASE COURSE, TYPE A, VARIABLE DEPTH

**NOTES:**

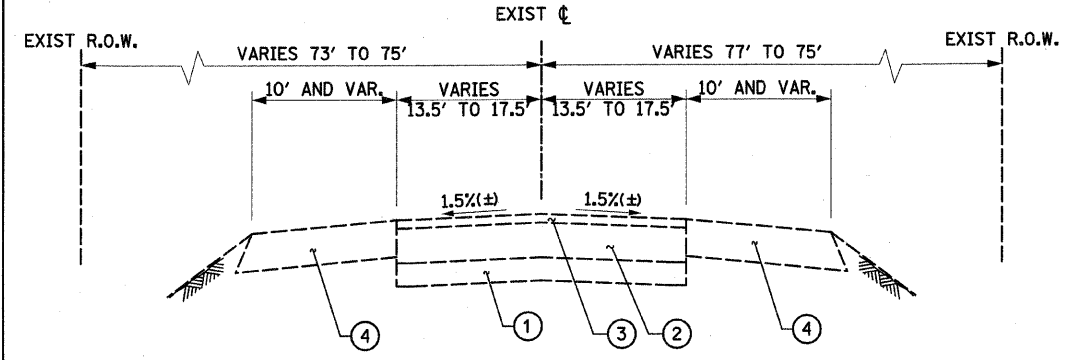
- 1. GAPS IN PROPOSED TYPICAL SECTIONS STATIONING REFLECT TRANSITION AREAS OR INTERSECTION OMISSIONS. FOR MORE INFORMATION, SEE PLANS.
- 2. FOR MORE INFORMATION ON RIGHT TURN LANE LOCATION, SEE PROPOSED PLANS.
- 3. FOR COMBINATION CURB AND GUTTER TYPES, SEE PROPOSED PLANS.

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING AND PROPOSED  
TYPICAL SECTIONS-IL RTE 162**

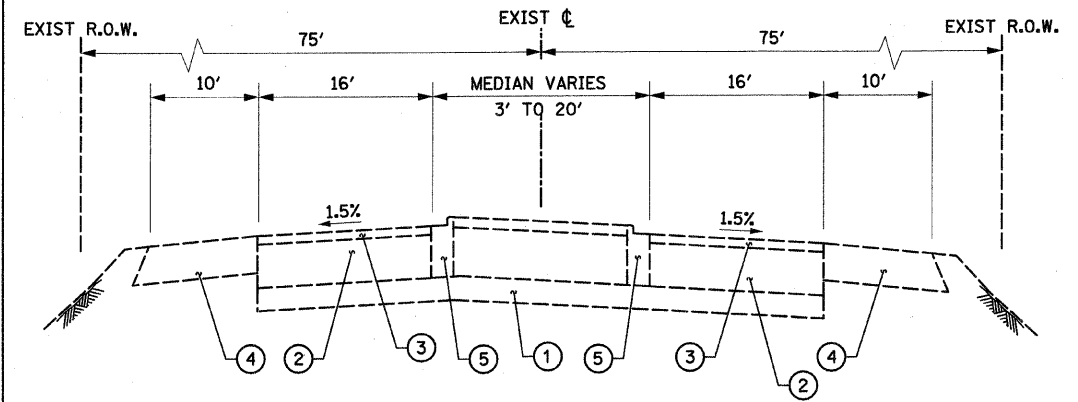
FAI ROUTE 70  
SECTION 60-10K-1, 60-10HB  
MADISON COUNTY

DRAWN BY: GRH  
PLOT DATE: \*DATE-TIME\*

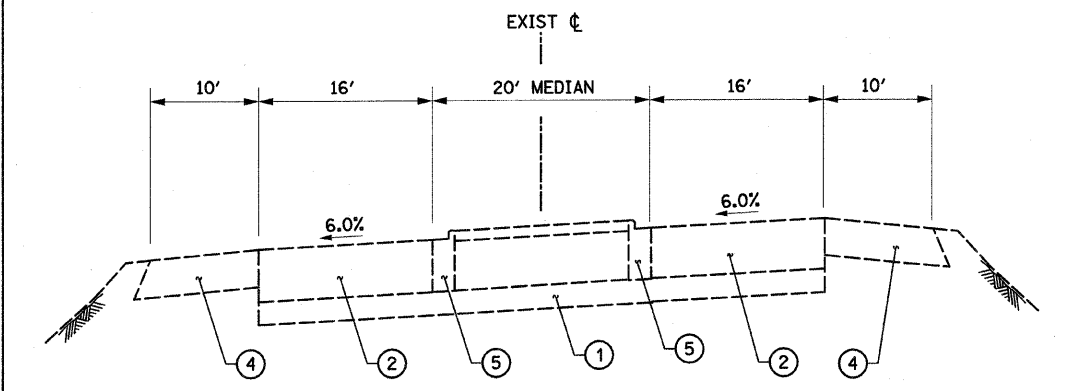
REVISIONS	
NAME	DATE



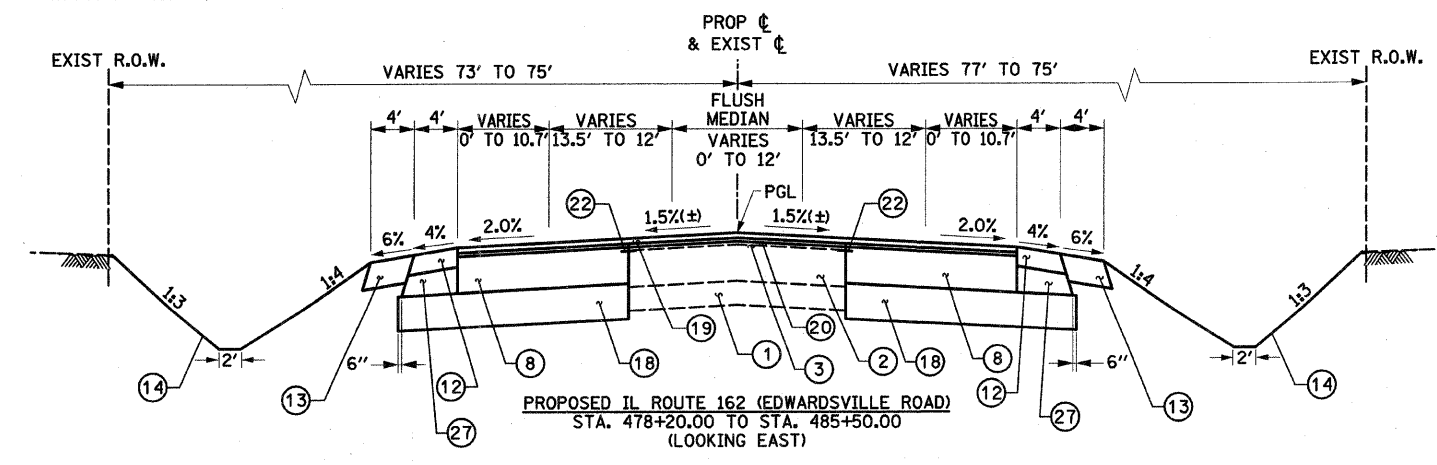
EXISTING IL ROUTE 162 (EDWARDSVILLE ROAD)  
STA 478+20.00 TO STA 485+52.20  
(LOOKING EAST)



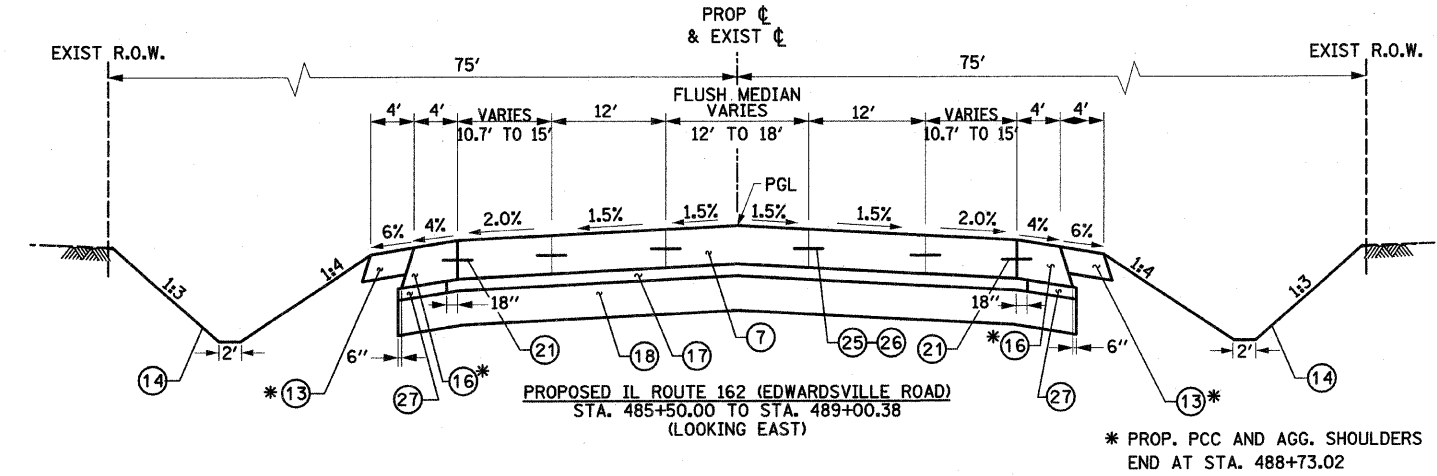
EXISTING IL ROUTE 162 (EDWARDSVILLE ROAD)  
STA 485+52.20 TO STA 490+45.38  
(LOOKING EAST)



EXISTING IL ROUTE 162 (EDWARDSVILLE ROAD)  
STA 490+45.38 TO STA 496+71.32  
(LOOKING EAST)

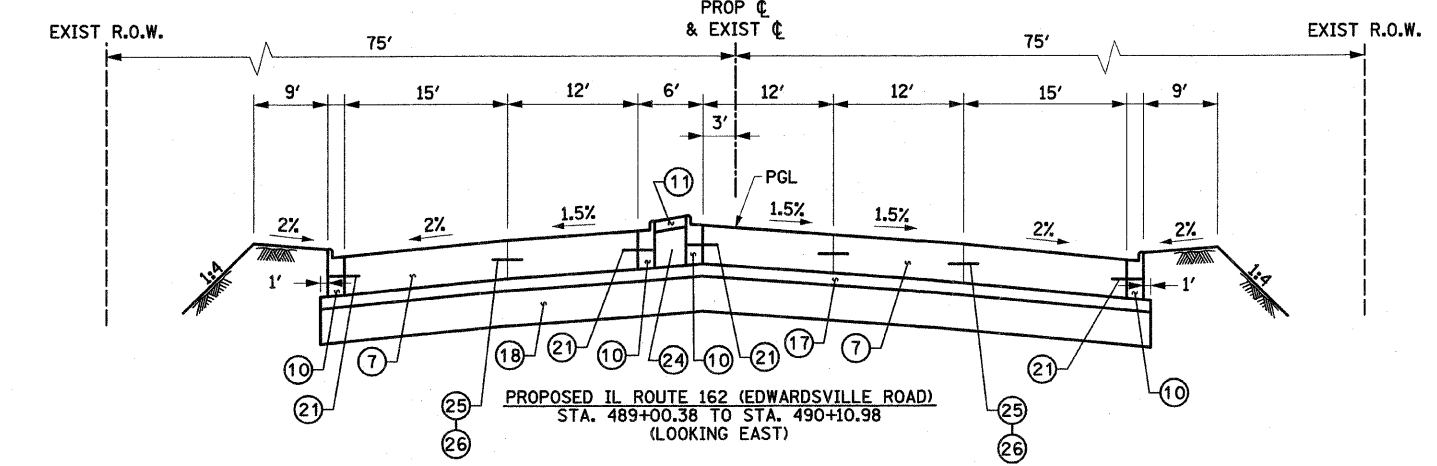


PROPOSED IL ROUTE 162 (EDWARDSVILLE ROAD)  
STA. 478+20.00 TO STA. 485+50.00  
(LOOKING EAST)

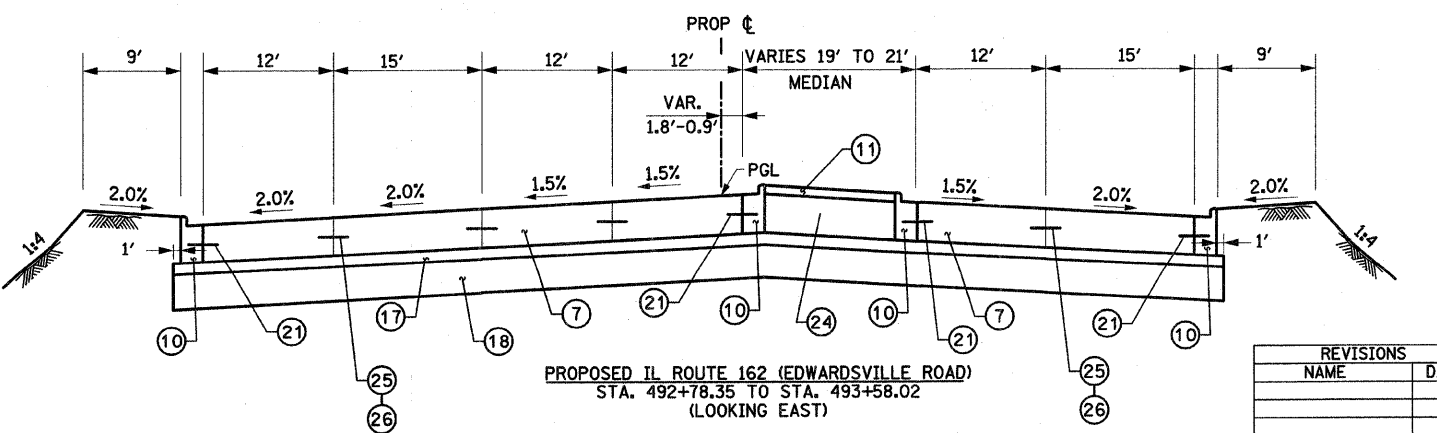


PROPOSED IL ROUTE 162 (EDWARDSVILLE ROAD)  
STA. 485+50.00 TO STA. 489+00.38  
(LOOKING EAST)

\* PROP. PCC AND AGG. SHOULDERS  
END AT STA. 488+73.02



PROPOSED IL ROUTE 162 (EDWARDSVILLE ROAD)  
STA. 489+00.38 TO STA. 490+10.98  
(LOOKING EAST)



PROPOSED IL ROUTE 162 (EDWARDSVILLE ROAD)  
STA. 492+78.35 TO STA. 493+58.02  
(LOOKING EAST)

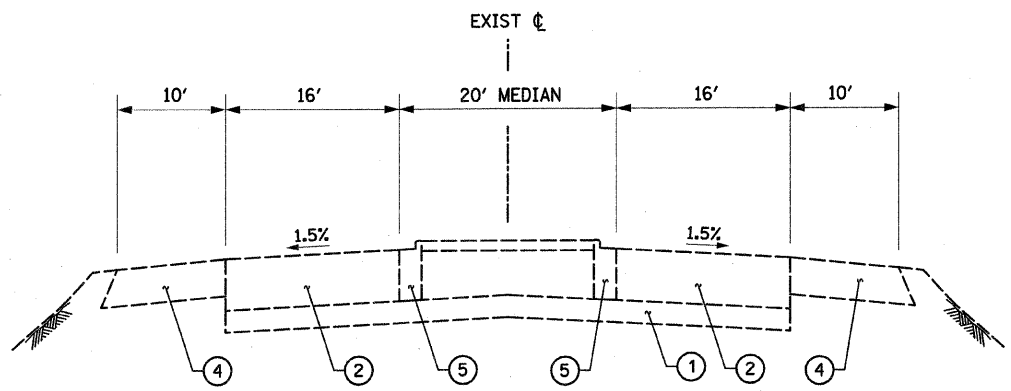
DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
SURVEYED: \_\_\_\_\_  
PLAN: \_\_\_\_\_  
NOTE BOOK: \_\_\_\_\_  
NO. OF SHEETS: \_\_\_\_\_  
FILE NAME: \_\_\_\_\_

DATE: \_\_\_\_\_  
TIME: \_\_\_\_\_

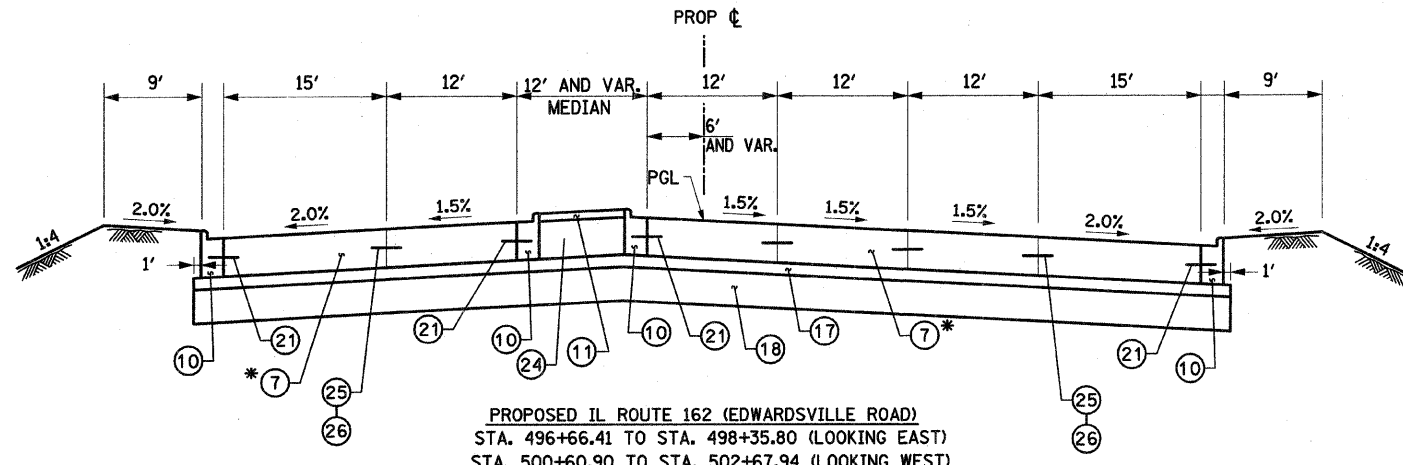
FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		MADISON	420	28
STA. 496+66.41		TO STA. 514+49.11		
CONTRACT NO.: 76709				
60-10K-1, 60-10HB				

**LEGEND**

- ① EXISTING AGGREGATE BASE COURSE, ±4"
- ② EXISTING CONCRETE PAVEMENT, 10"-13"
- ③ EXISTING HOT-MIX ASPHALT SURFACE, ±3"
- ④ EXISTING PAVED SHOULDER, 8"-13"
- ⑤ EXISTING CURB AND GUTTER
- ⑥ EXISTING AGGREGATE SHOULDER, 6"
- ⑦ PCC PAVEMENT 10 3/4" (JOINTED) (10 3/4" WHERE NOTED)
- ⑧ HOT-MIX ASPHALT BINDER COURSE IL19, N90, 1 1/2"
- ⑨ NOT USED
- ⑩ COMBINATION CONCRETE CURB AND GUTTER
- ⑪ CONCRETE MEDIAN SURFACE, 4"
- ⑫ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑬ AGGREGATE SHOULDERS, TYPE A, 6"
- ⑭ DITCH
- ⑮ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH)
- ⑯ PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
- ⑰ STABILIZED SUB-BASE, 4"
- ⑱ LIME MODIFIED SOIL, 12"
- ⑲ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90, 1 1/2"
- ⑳ LEVELING BINDER (MACHINE METHOD), N90, 1"
- ㉑ TIE BAR
- ㉒ STRIP REFLECTIVE CRACK CONTROL
- ㉓ PIPE UNDERDRAINS, 4"
- ㉔ AGGREGATE BASE COURSE, TYPE A, 12"
- ㉕ LONGITUDINAL SAWED JOINT \*6 TIE BARS @ 30" LONG, 24" C.C. EPOXY COATED, DEFORMED INCLUDED IN JOINTED PAVEMENT 10 1/4". (SEE NOTE 4)
- ㉖ LONGITUDINAL CONSTRUCTION JOINT \*8 TIE BARS @ 24" LONG, 24" C.C. EPOXY COATED, DEFORMED INCLUDED IN JOINTED PAVEMENT 10 1/4". (SEE NOTE 4)
- ㉗ AGGREGATE BASE COURSE, TYPE A, VARIABLE DEPTH



**EXISTING IL ROUTE 162 (EDWARDSVILLE ROAD)**  
 STA 496+71.32 TO STA 498+52.36  
 STA 500+44.70 TO STA 507+90.00  
 (BRIDGE OMISSION STA 498+52.36 TO STA 500+44.70)  
 (LOOKING EAST)



**PROPOSED IL ROUTE 162 (EDWARDSVILLE ROAD)**  
 STA. 496+66.41 TO STA. 498+35.80 (LOOKING EAST)  
 STA. 500+60.90 TO STA. 502+67.94 (LOOKING WEST)  
 (BRIDGE STA. 498+65.80 TO STA. 500+30.90)

\* FROM STA. 500+60.90 TO STA. 507+90 PROPOSED PCC PAVEMENT IS 10 3/4" THICK

**IL 162: WIDENING (STA. 482+20 TO STA. 485+50)**

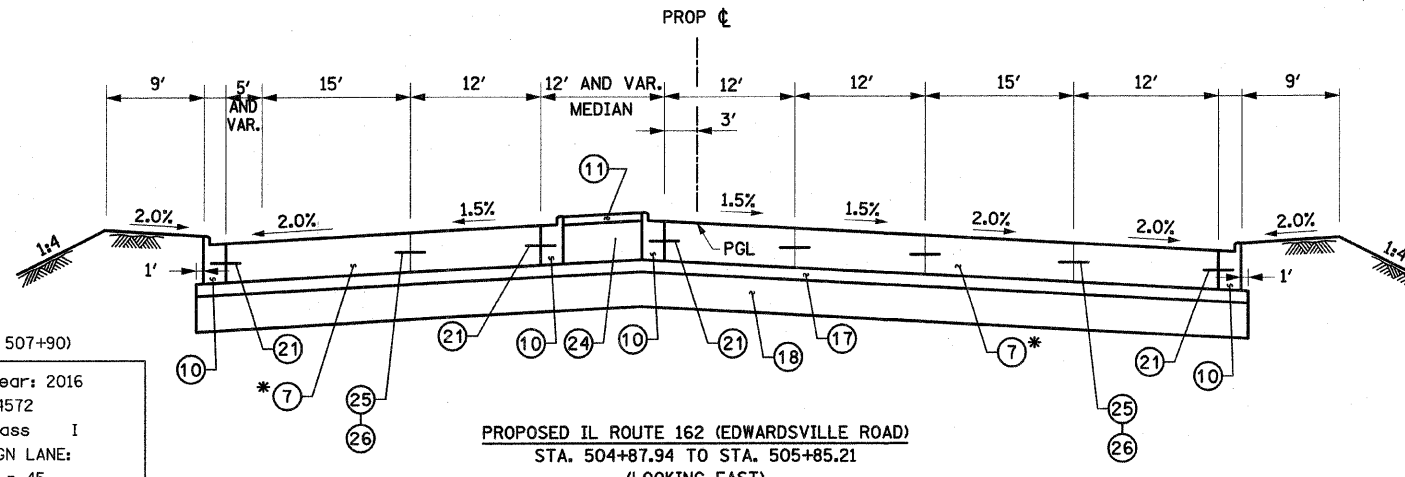
STRUCTURAL DESIGN TRAFFIC:	Year: 2016
PV = 15809	SU= 1968 MU= 2942
ROAD/STREET CLASSIFICATION:	Class I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 50	S = 50 M = 50
TRAFFIC FACTOR:	Actual TF = 16.83 AC Type = 20
	Minimum TF = 4.74
PG GRADE: Binder = 64-22	Surface = 70-22
SUBGRADE SUPPORT RATING:	SSR = POOR

**IL 162: NEW CONSTRUCTION (STA. 485+50 TO STA. 498+50)**

STRUCTURAL DESIGN TRAFFIC:	Year: 2016
PV = 15809	SU= 1968 MU= 2942
ROAD/STREET CLASSIFICATION:	Class I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32	S = 45 M = 45
TRAFFIC FACTOR:	Actual TF = 21.00 AC Type = N/A
	Minimum TF = 6.03
PG GRADE: Binder = N/A	Surface = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR

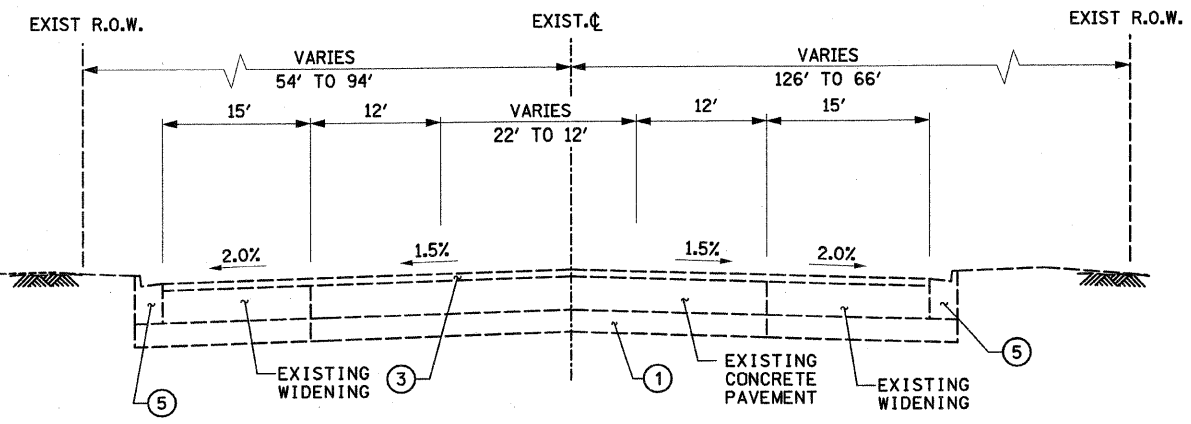
**IL 162: NEW CONSTRUCTION (STA. 500+50 TO STA. 507+90)**

STRUCTURAL DESIGN TRAFFIC:	Year: 2016
PV = 24569	SU= 3059 MU= 4572
ROAD/STREET CLASSIFICATION:	Class I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32	S = 45 M = 45
TRAFFIC FACTOR:	Actual TF = 32.64 AC Type = N/A
	Minimum TF = 6.03
PG GRADE: Binder = N/A	Surface = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR

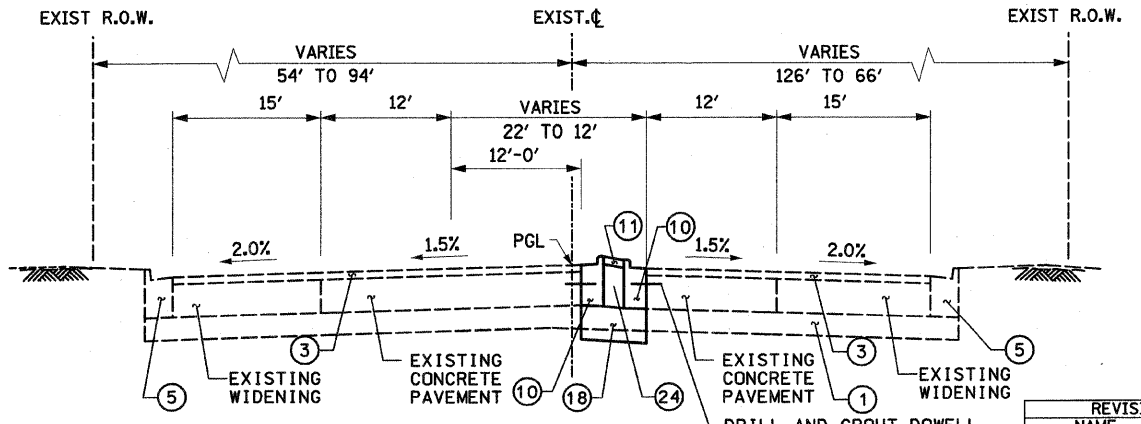


**PROPOSED IL ROUTE 162 (EDWARDSVILLE ROAD)**  
 STA. 504+87.94 TO STA. 505+85.21  
 (LOOKING EAST)

\* FROM STA. 500+60.90 TO STA. 507+90 PROPOSED PCC PAVEMENT IS 10 3/4" THICK.



**EXISTING IL ROUTE 162 (EDWARDSVILLE ROAD)**  
 STA 507+90.00 TO STA 514+49.11  
 (LOOKING EAST)



**PROPOSED IL ROUTE 162 (EDWARDSVILLE ROAD)**  
 STA. 507+90 TO STA. 514+49.11  
 (LOOKING EAST)

**NOTES:**

- 1. GAPS IN PROPOSED TYPICAL SECTIONS STATIONING REFLECT TRANSITION AREAS OR INTERSECTION OMISSIONS. FOR MORE INFORMATION, SEE PLANS.
- 2. FOR MORE INFORMATION ON RIGHT TURN LANE LOCATION, SEE PROPOSED PLANS.
- 3. FOR COMBINATION CURB AND GUTTER TYPES, SEE PROPOSED PLANS.
- 4. INCLUDED IN JOINTED PAVEMENT 10 3/4" FROM STA 500+60.90 TO STA. 507+90.

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
 EXISTING AND PROPOSED  
 TYPICAL SECTIONS-IL RTE 162**

FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

REVISIONS	
NAME	DATE

DRAWN BY: GRH  
 PLOT DATE: \*DATE-TIME\*

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYOR: \_\_\_\_\_  
 ALIGNMENT CHECKED: \_\_\_\_\_  
 PLS. OF WAY CHECKED: \_\_\_\_\_  
 PDD FILE NAME: \_\_\_\_\_

SCALE: \_\_\_\_\_  
 \*REF\*

**LEGEND**

- ① EXISTING AGGREGATE BASE COURSE, ±4"
- ② EXISTING CONCRETE PAVEMENT, 10"-13"
- ③ EXISTING HOT-MIX ASPHALT SURFACE, ±3"
- ④ EXISTING PAVED SHOULDER, 8"-13"
- ⑤ EXISTING CURB AND GUTTER
- ⑥ EXISTING AGGREGATE SHOULDER, 6"
- ⑦ PCC PAVEMENT 10 1/4" (JOINTED)
- ⑧ HOT-MIX ASPHALT BINDER COURSE IL19, N90, 17 1/2"
- ⑨ NOT USED
- ⑩ COMBINATION CONCRETE CURB AND GUTTER
- ⑪ CONCRETE MEDIAN SURFACE, 4"
- ⑫ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑬ AGGREGATE SHOULDERS, TYPE A, 6"
- ⑭ DITCH
- ⑮ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH)
- ⑯ PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
- ⑰ STABILIZED SUB-BASE, 4"
- ⑱ LIME MODIFIED SOIL, 12"
- ⑲ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90, 1 1/2"
- ⑳ LEVELING BINDER (MACHINE METHOD), N90, 1"
- ㉑ TIE BAR
- ㉒ STRIP REFLECTIVE CRACK CONTROL
- ㉓ PIPE UNDERDRAINS, 4"
- ㉔ AGGREGATE BASE COURSE, TYPE A, 12"
- ㉕ LONGITUDINAL SAWED JOINT #6 TIE BARS @ 30" LONG, 24" C.C. EPOXY COATED, DEFORMED INCLUDED IN JOINTED PAVEMENT 10 1/4".
- ㉖ LONGITUDINAL CONSTRUCTION JOINT #8 TIE BARS @ 24" LONG, 24" C.C. EPOXY COATED, DEFORMED INCLUDED IN JOINTED PAVEMENT 10 1/4".
- ㉗ AGGREGATE BASE COURSE, TYPE A, VARIABLE DEPTH

\* PROPOSED DITCH BETWEEN FRONTAGE RD. AND RAMP OR I-70 WILL BE 4' IN BOTTOM WIDTH.

\*\* INCLUDES 2" OF THE BITUMINOUS SURFACE COURSE

**NOTES:**

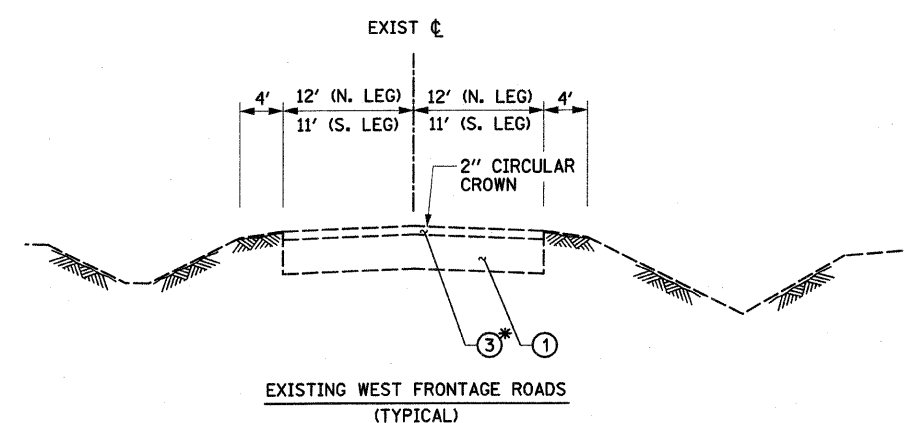
- 1. GAPS IN PROPOSED TYPICAL SECTIONS STATIONING REFLECT TRANSITION AREAS OR INTERSECTION OMISSIONS. FOR MORE INFORMATION, SEE PLANS.
- 2. FOR MORE INFO ON RIGHT TURN LANE LOCATION, SEE PROPOSED PLANS.
- 3. FOR COMBINATION CURB AND GUTTER TYPES, SEE PROPOSED PLANS.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING AND PROPOSED TYPICAL SECTIONS-FRONTAGE RD.**

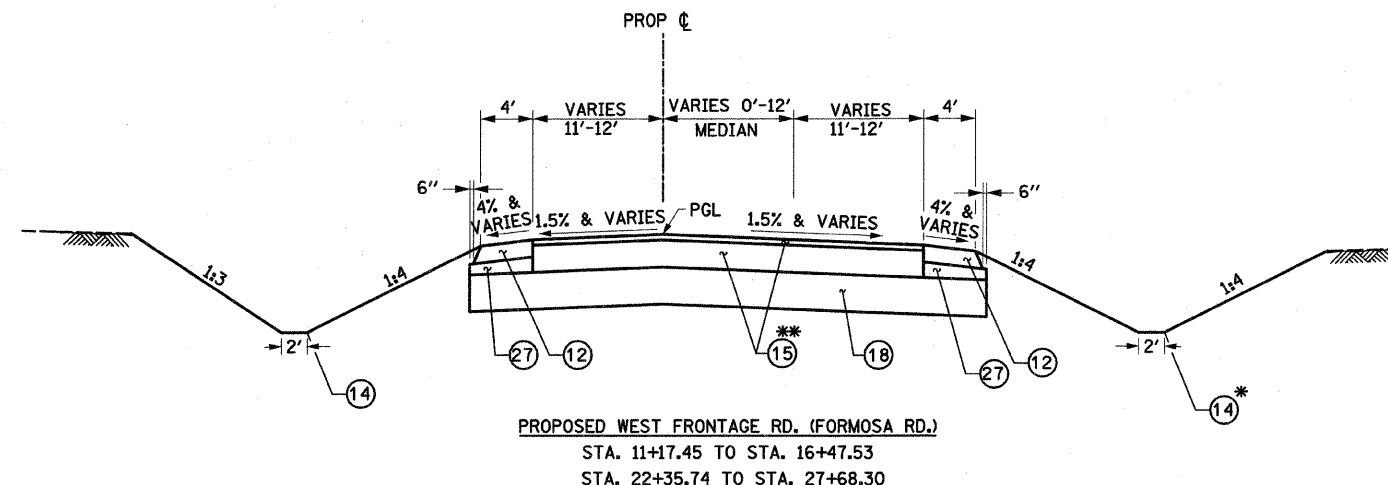
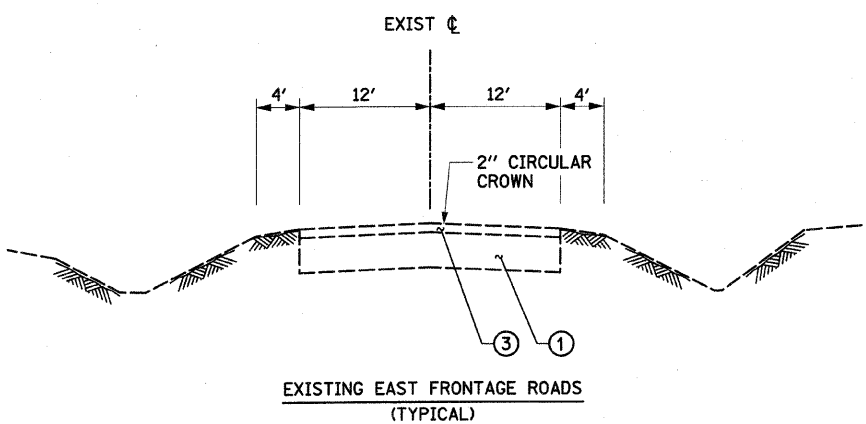
FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

REVISIONS	
NAME	DATE

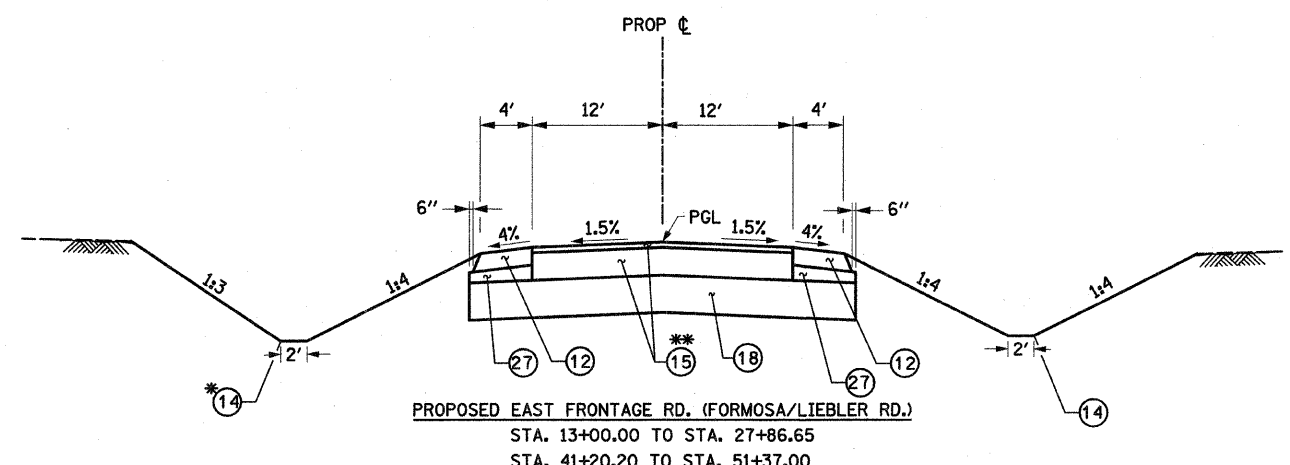
DRAWN BY: GRH  
 PLOT DATE: \*DATE-TIME\*



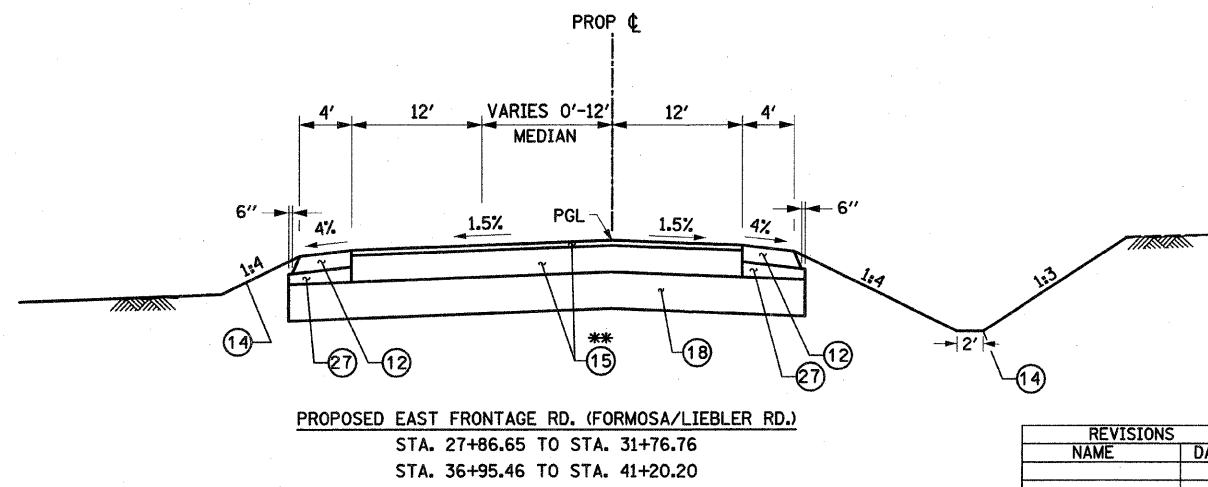
\* EXISTING CONCRETE PAVEMENT WITHOUT BITUMINOUS SURFACE (NORTH LEG)



NOTE:  
 STA. 11+17.45 TO STA. 17+73.45 HOT-MIX ASPHALT PAVEMENT 9 1/2" (FULL-DEPTH)  
 STA. 21+15.04 TO STA. 27+68.30 HOT-MIX ASPHALT PAVEMENT 14" (FULL-DEPTH)



NOTE:  
 STA. 13+00.00 TO STA. 27+86.65 HOT-MIX ASPHALT PAVEMENT 11 3/4" (FULL-DEPTH)  
 STA. 41+20.20 TO STA. 51+37.00 HOT-MIX ASPHALT PAVEMENT 15 1/2" (FULL-DEPTH)



NOTE:  
 STA. 27+86.65 TO STA. 33+77.28 HOT-MIX ASPHALT PAVEMENT 11 3/4" (FULL-DEPTH)  
 STA. 36+64.43 TO STA. 41+20.20 HOT-MIX ASPHALT PAVEMENT 15 1/2" (FULL-DEPTH)

WEST FRONTAGE RD (STA. 21+15.04 TO STA. 27+68.30)

STRUCTURAL DESIGN TRAFFIC:	Year: 2016
PV = 2142	SU= 340 MU= 918
ROAD/STREET CLASSIFICATION:	Class II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 50	S = 50 M = 50
TRAFFIC FACTOR:	Actual TF = 3.92 AC Type = 20
	Minimum TF = N/A
PG GRADE:	Blnder = 64-22 Surface = 64-22
SUBGRADE SUPPORT RATING:	SSR = POOR

EAST FRONTAGE RD (STA. 36+64.43 TO STA. 51+37.00)

STRUCTURAL DESIGN TRAFFIC:	Year: 2016
PV = 3037	SU= 477 MU= 1506
ROAD/STREET CLASSIFICATION:	Class II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 50	S = 50 M = 50
TRAFFIC FACTOR:	Actual TF = 6.34 AC Type = 20
	Minimum TF = N/A
PG GRADE:	Blnder = 64-22 Surface = 64-22
SUBGRADE SUPPORT RATING:	SSR = POOR

WEST FRONTAGE RD (STA. 11+17.45 TO STA. 17+73.45)

STRUCTURAL DESIGN TRAFFIC:	Year: 2016
PV = 3622	SU= 201 MU= 46
ROAD/STREET CLASSIFICATION:	Class II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 50	S = 50 M = 50
TRAFFIC FACTOR:	Actual TF = 0.41 AC Type = 20
	Minimum TF = N/A
PG GRADE:	Blnder = 64-22 Surface = 64-22
SUBGRADE SUPPORT RATING:	SSR = POOR

EAST FRONTAGE RD (STA. 13+00.00 TO STA. 33+77.28)

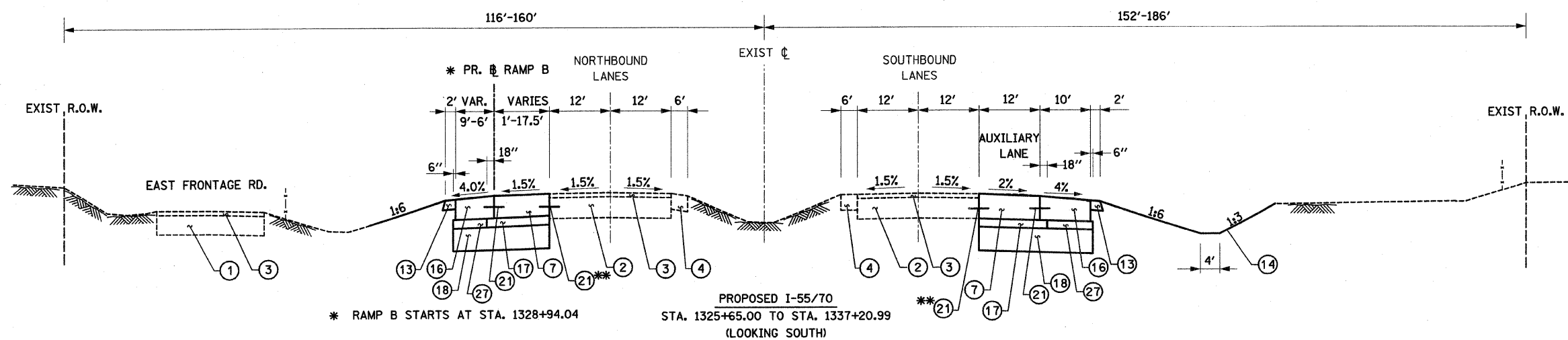
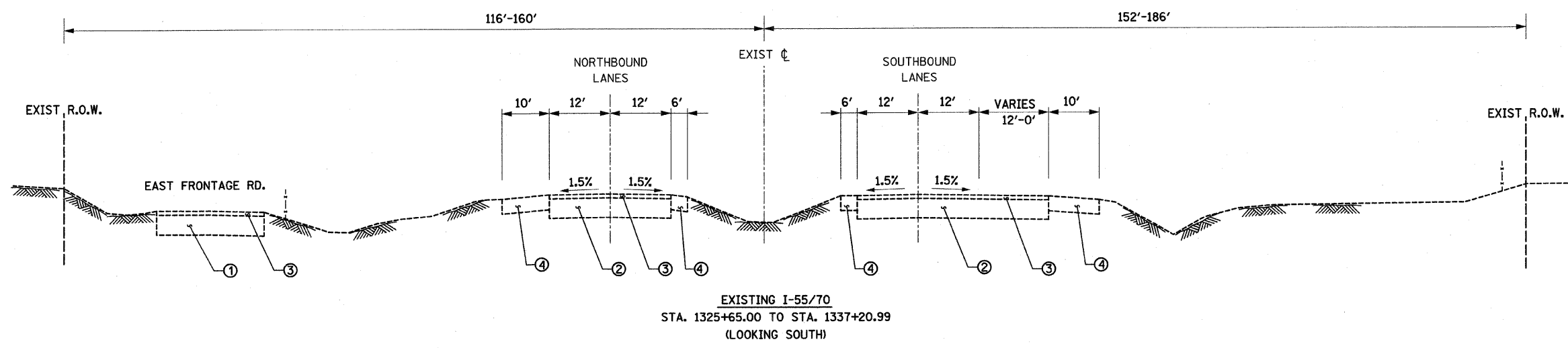
STRUCTURAL DESIGN TRAFFIC:	Year: 2016
PV = 1984	SU= 247 MU= 369
ROAD/STREET CLASSIFICATION:	Class II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 50	S = 50 M = 50
TRAFFIC FACTOR:	Actual TF = 1.70 AC Type = 20
	Minimum TF = N/A
PG GRADE:	Blnder = 64-22 Surface = 64-22
SUBGRADE SUPPORT RATING:	SSR = POOR

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 PLAN NO. \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 ALIGNED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 FILE NAME \_\_\_\_\_

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	*	MADISON	420	30
STA. 1325+65.00		TO STA. 1337+20.99		
CONTRACT NO.: 76709				
• 60-10K-1, 60-10HB				

**LEGEND**

- ① EXISTING AGGREGATE BASE COURSE, ±4"
- ② EXISTING CONCRETE PAVEMENT, 10"-13"
- ③ EXISTING HOT-MIX ASPHALT SURFACE, ±3"
- ④ EXISTING PAVED SHOULDER, 8"-13"
- ⑤ EXISTING CURB AND GUTTER
- ⑥ EXISTING AGGREGATE SHOULDER, 6"
- ⑦ PCC PAVEMENT 10 1/4" (JOINTED)
- ⑧ HOT-MIX ASPHALT BINDER COURSE IL19 N90, 17 1/2"
- ⑨ NOT USED
- ⑩ COMBINATION CONCRETE CURB AND GUTTER
- ⑪ CONCRETE MEDIAN SURFACE, 4"
- ⑫ HOT-MIX ASPHALT SHOULDERS 8"
- ⑬ AGGREGATE SHOULDERS, TYPE A 6"
- ⑭ DITCH
- ⑮ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH)
- ⑯ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- ⑰ STABILIZED SUB-BASE 4"
- ⑱ LIME MODIFIED SOIL, 12"
- ⑲ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90, 1 1/2"
- ⑳ LEVELING BINDER (MACHINE METHOD) N90, 1"
- ㉑ TIE BAR
- ㉒ STRIP REFLECTIVE CRACK CONTROL
- ㉓ PIPE UNDERDRAINS, 4"
- ㉔ AGGREGATE BASE COURSE, TYPE A, 12"
- ㉕ LONGITUDINAL SAWED JOINT #6 TIE BARS @ 30" LONG, 24" C.C. EPOXY COATED, DEFORMED INCLUDED IN JOINTED PAVEMENT 10 1/4".
- ㉖ LONGITUDINAL CONSTRUCTION JOINT #8 TIE BARS @ 24" LONG, 24" C.C. EPOXY COATED, DEFORMED INCLUDED IN JOINTED PAVEMENT 10 1/4". (SEE NOTE 4)
- ㉗ AGGREGATE BASE COURSE, TYPE A, VARIABLE DEPTH



\* RAMP B STARTS AT STA. 1328+94.04

\*\* DRILL AND GROUT #6 TIE BARS @ 24" C. C. COST INCLUDED IN PCC PAVEMENT 10 1/4" (JOINTED).

I-55/70:

STRUCTURAL DESIGN TRAFFIC:	Years: 2016
PV = 4740	SU= 706 MU= 1404
ROAD/STREET CLASSIFICATION:	Class I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 100	S = 100 M = 100
TRAFFIC FACTOR:	Actual TF = 21.60 AC Type = N/A
	Minimum TF = 11.17
PG GRADE:	Binder = N/A Surface = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING AND PROPOSED  
TYPICAL SECTIONS I-55/70**

FAI ROUTE 70  
SECTION 60-10K-1, 60-10HB  
MADISON COUNTY

DRAWN BY: GRH  
PLOT DATE: \*DATE-TIME\*

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
SURVEYED: \_\_\_\_\_  
ALIGNED: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
NO. OF WAY CHECKED: \_\_\_\_\_  
JOB FILE NAME: \_\_\_\_\_

DATE: \_\_\_\_\_  
TIME: \_\_\_\_\_  
PLOT DATE: \*DATE-TIME\*

**LEGEND**

- ① EXISTING AGGREGATE BASE COURSE, ±4"
- ② EXISTING CONCRETE PAVEMENT, 10"-13"
- ③ EXISTING HOT-MIX ASPHALT SURFACE, ±3"
- ④ EXISTING PAVED SHOULDER, 8"-13"
- ⑤ EXISTING AGGREGATE SHOULDER, 6"
- ⑥ EXISTING CURB AND GUTTER
- ⑦ PCC PAVEMENT 10 1/4" (JOINTED)
- ⑧ HOT-MIX ASPHALT BINDER COURSE, IL19 N90, 1 1/2"
- ⑨ NOT USED
- ⑩ COMBINATION CONCRETE CURB AND GUTTER
- ⑪ CONCRETE MEDIAN SURFACE, 4"
- ⑫ HOT-MIX ASPHALT SHOULDERS 8"
- ⑬ AGGREGATE SHOULDERS, TYPE A 6"
- ⑭ DITCH
- ⑮ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH)
- ⑯ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- ⑰ STABILIZED SUB-BASE 4"
- ⑱ LIME MODIFIED SOIL, 12"
- ⑲ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90, 1 1/2"
- ⑳ LEVELING BINDER (MACHINE METHOD), N90, 1"
- ㉑ TIE BAR
- ㉒ STRIP REFLECTIVE CRACK CONTROL
- ㉓ PIPE UNDERDRAINS, 4"
- ㉔ AGGREGATE BASE COURSE, TYPE A, 12"
- ㉕ LONGITUDINAL SAWED JOINT #6 TIE BARS @ 30" LONG, 24" C.C. EPOXY COATED, DEFORMED INCLUDED IN JOINTED PAVEMENT 10 1/4".
- ㉖ LONGITUDINAL CONSTRUCTION JOINT #8 TIE BARS @ 24" LONG, 24" C.C. EPOXY COATED, DEFORMED INCLUDED IN JOINTED PAVEMENT 10 1/4".
- ㉗ AGGREGATE BASE COURSE, TYPE A, VARIABLE DEPTH

**NOTES:**

- 1. SEE STRUCTURAL PLANS FOR MSE RETAINING WALL DETAILS.
- 2. SEE PROPOSED PLANS FOR MSE RETAINING WALL LOCATIONS.

**RAMPS:**

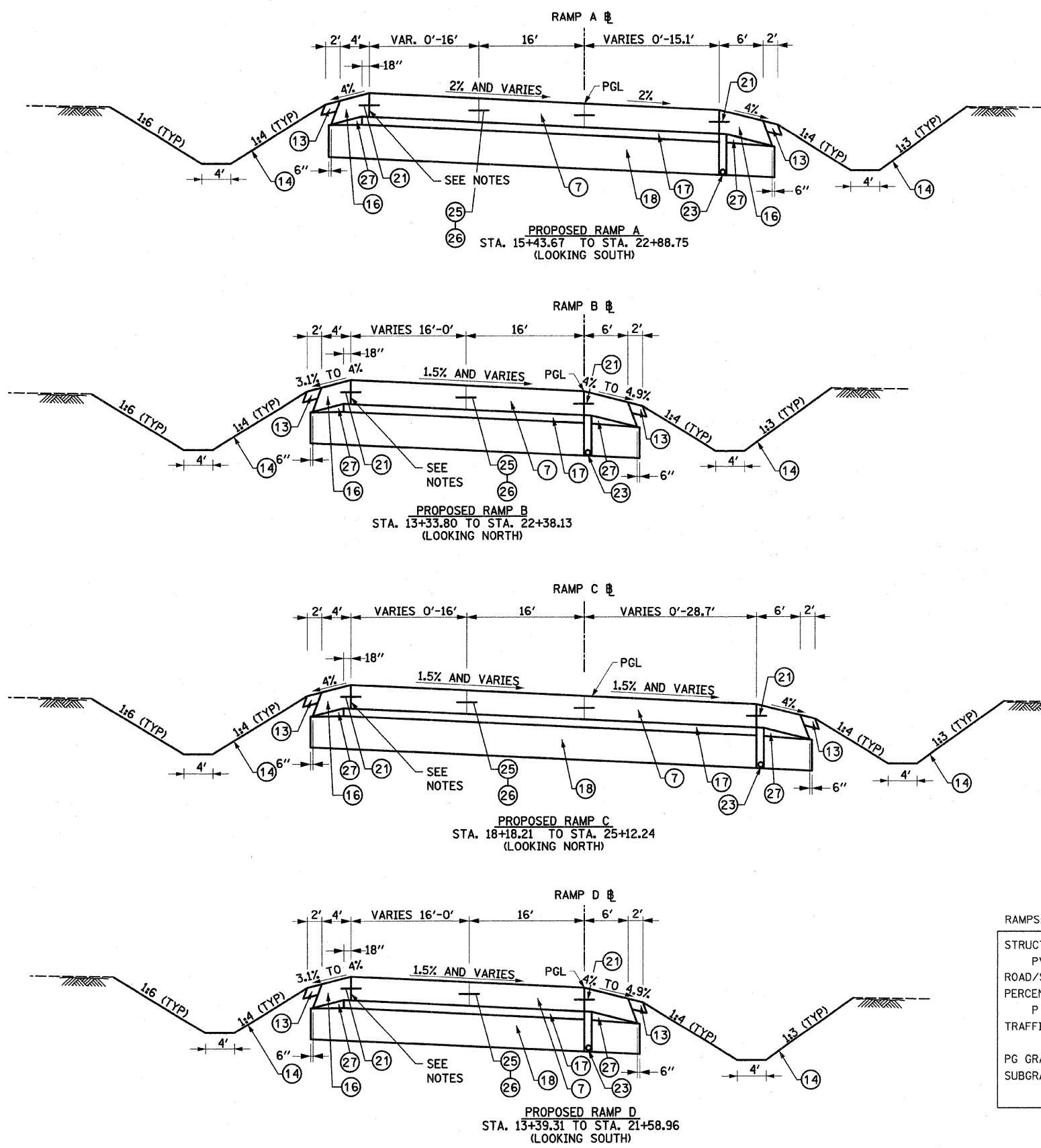
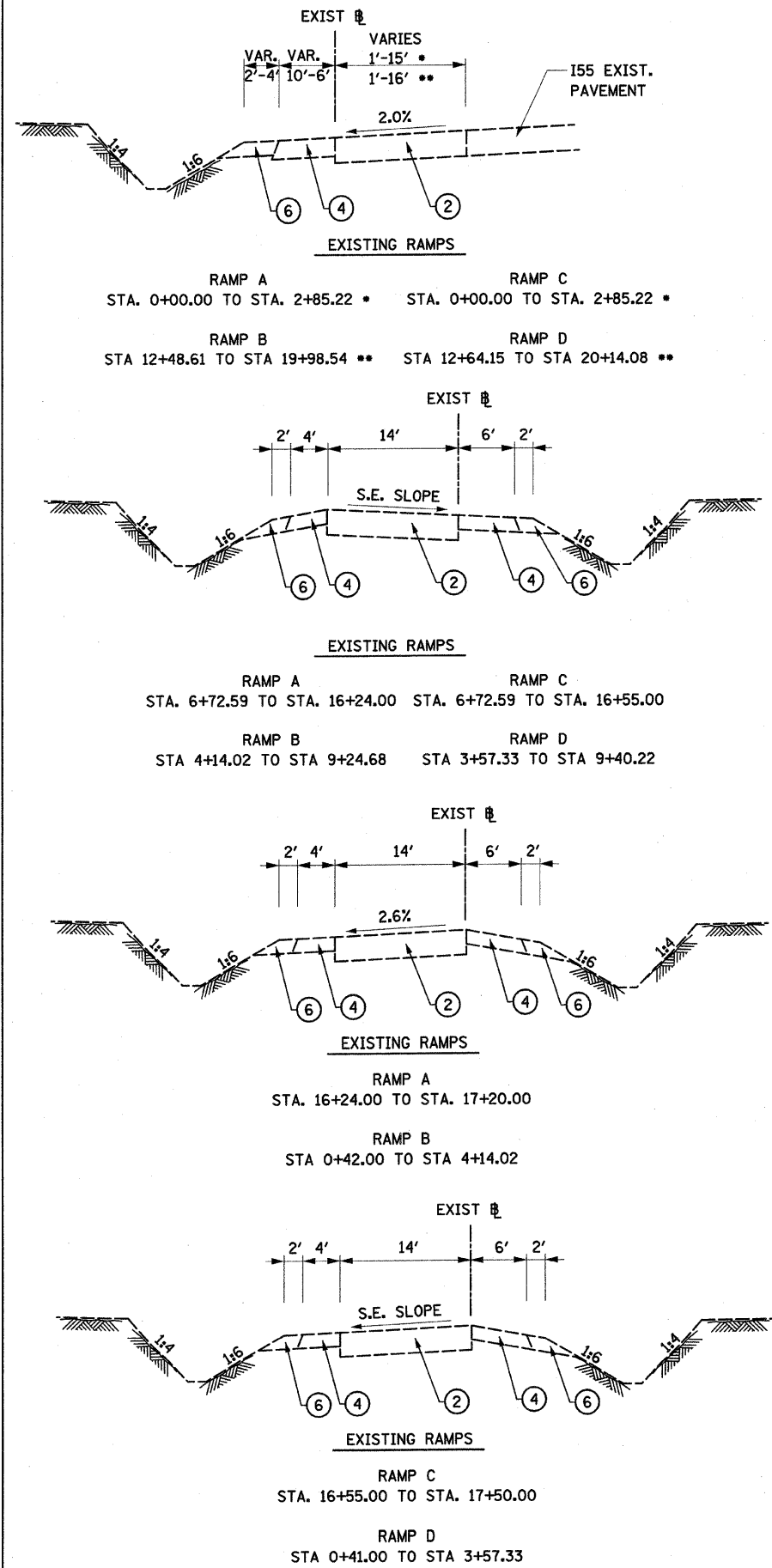
STRUCTURAL DESIGN TRAFFIC:	Year: 2016
PV = 4740	SU= 706 MU= 1404
ROAD/STREET CLASSIFICATION:	Class I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 100	S = 100 M = 100
TRAFFIC FACTOR:	Actual TF = 21.60 AC Type = N/A
	Minimum TF = 11.17
PG GRADE:	Binder = N/A Surface = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING AND PROPOSED  
TYPICAL SECTIONS-RAMPS**

FAI ROUTE 70  
SECTION 60-10K-1, 60-10HB  
MADISON COUNTY

DRAWN BY: CRH  
PLOT DATE: \*DATE-TIME\*

REVISIONS	
NAME	DATE



PLAN  
NO. \_\_\_\_\_  
DATE \_\_\_\_\_  
BY \_\_\_\_\_  
CHECKED \_\_\_\_\_  
DESIGNED \_\_\_\_\_  
SUPERVISOR \_\_\_\_\_



FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		MADISON	420	32

CONTRACT NO.: 76709  
60-10K-1, 60-10HB



PROP. CURVE WFRCUR-3  
 PI STA. = 25+37.76  
 $\Delta = 55^\circ 56' 38''$  (LT)  
 $D = 16^\circ 22' 13''$   
 $R = 350.00'$   
 $T = 185.88'$   
 $L = 341.74'$   
 $E = 46.30'$   
 $e = N.C.$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA = 23+51.88$   
 $P.T. STA = 26+93.63$

PROP. CURVE WFRCUR-1  
 PI STA. = 11+99.84  
 $\Delta = 49^\circ 50' 42''$  (LT)  
 $D = 20^\circ 50' 05''$   
 $R = 275.00'$   
 $T = 127.78'$   
 $L = 239.24'$   
 $E = 28.24'$   
 $e = 8.00\%$   
 $T.R. = 41'$   
 $S.E. RUN = 219'$   
 $P.C. STA = 10+72.06$   
 $P.T. STA = 13+11.30$

PROP. CURVE WFRCUR-2  
 PI STA. = 20+13.14  
 $\Delta = 107^\circ 00' 42''$  (RT)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 405.51'$   
 $L = 560.31'$   
 $E = 204.42'$   
 $e = N.C.$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA = 16+07.63$   
 $P.T. STA = 21+67.94$

PROP. CURVE RAMP-D1  
 PI STA. = 20+75.10  
 $\Delta = 6^\circ 24' 48''$  (RT)  
 $D = 3^\circ 49' 11''$   
 $R = 1,500.00'$   
 $T = 84.04'$   
 $L = 167.90'$   
 $E = 2.35'$   
 $e = 4.90\%$   
 $T.R. = N/A$   
 $S.E. RUN = 150'$   
 $P.C. STA = 19+91.06$   
 $P.T. STA = 21+58.96$

PROP. CURVE EFR-1  
 PI STA. = 13+71.04  
 $\Delta = 3^\circ 02' 40''$  (RT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 53.15'$   
 $L = 106.27'$   
 $E = 0.71'$   
 $e = N.C.$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA = 13+17.89$   
 $P.T. STA = 14+24.16$

PROP. CURVE RAMP-C1  
 PI STA. = 18+66.40  
 $\Delta = 3^\circ 40' 49''$  (RT)  
 $D = 3^\circ 49' 11''$   
 $R = 1,500.00'$   
 $T = 48.19'$   
 $L = 96.35'$   
 $E = 0.77'$   
 $e = N.C.$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA = 18+18.21$   
 $P.T. STA = 19+14.56$

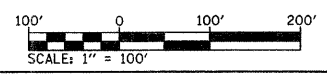
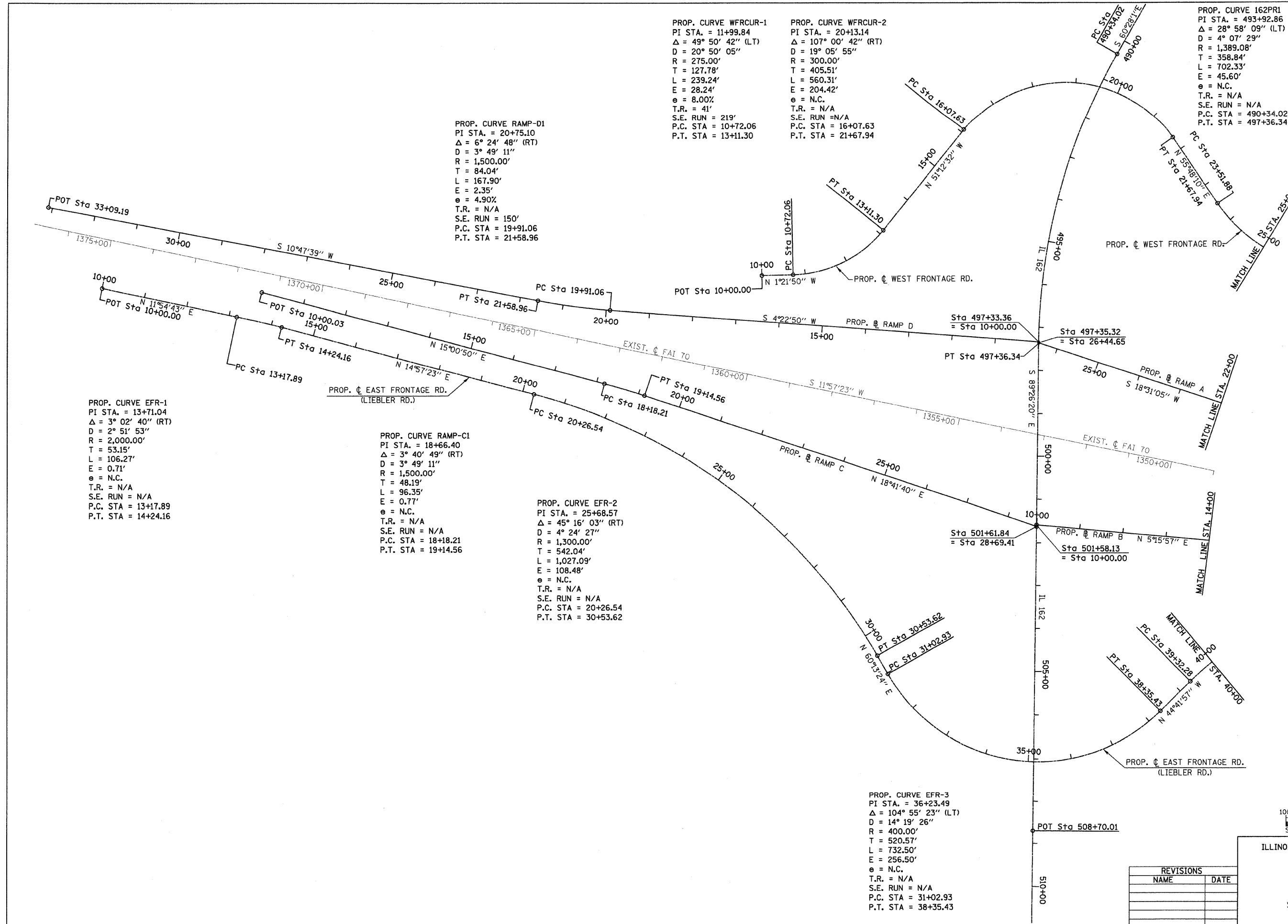
PROP. CURVE EFR-2  
 PI STA. = 25+68.57  
 $\Delta = 45^\circ 16' 03''$  (RT)  
 $D = 4^\circ 24' 27''$   
 $R = 1,300.00'$   
 $T = 542.04'$   
 $L = 1,027.09'$   
 $E = 108.48'$   
 $e = N.C.$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA = 20+26.54$   
 $P.T. STA = 30+53.62$

PROP. CURVE EFR-3  
 PI STA. = 36+23.49  
 $\Delta = 104^\circ 55' 23''$  (LT)  
 $D = 14^\circ 19' 26''$   
 $R = 400.00'$   
 $T = 520.57'$   
 $L = 732.50'$   
 $E = 256.50'$   
 $e = N.C.$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA = 31+02.93$   
 $P.T. STA = 38+35.43$

PROP. CURVE EFR-4  
 PI STA. = 43+42.99  
 $\Delta = 54^\circ 21' 05''$  (RT)  
 $D = 7^\circ 09' 43''$   
 $R = 800.00'$   
 $T = 410.71'$   
 $L = 758.89'$   
 $E = 99.27'$   
 $e = N.C.$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA = 39+32.28$   
 $P.T. STA = 46+91.17$

DATE	BY

PLAN  
 REVISIONS  
 CHECKED  
 ALIGNED  
 PLOTTED  
 DATE  
 FILE NAME



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**ALIGNMENTS**  
 FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

REVISIONS	
NAME	DATE

DRAWN BY: td

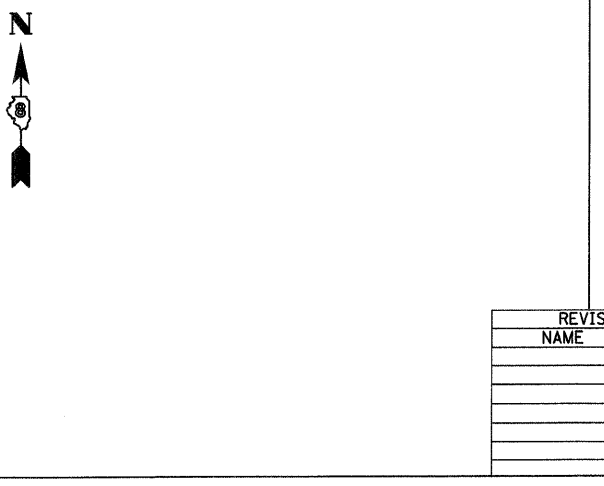
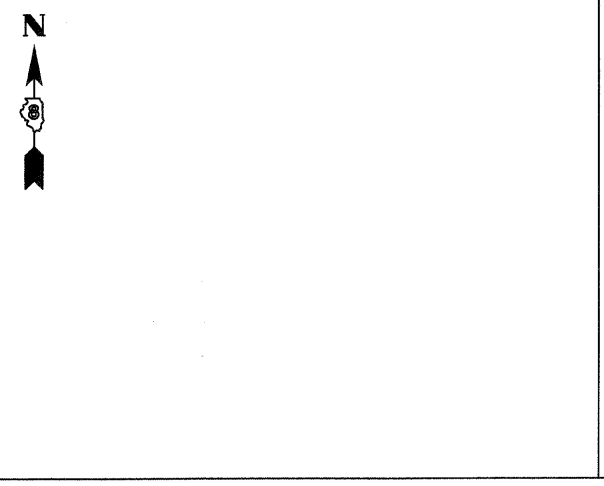
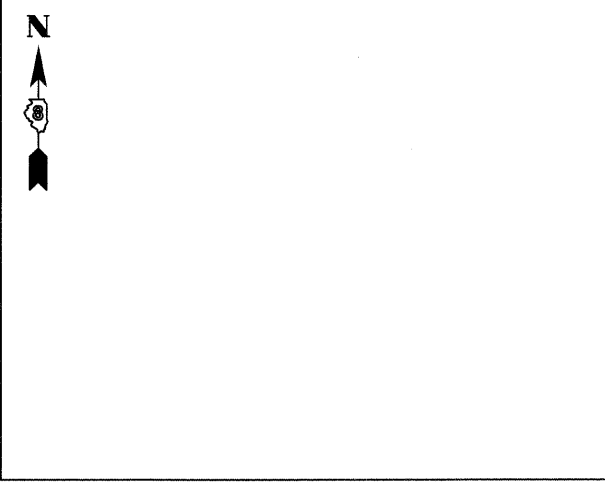
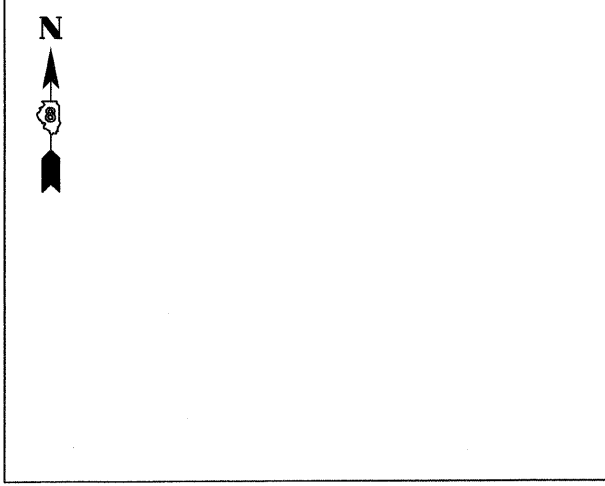
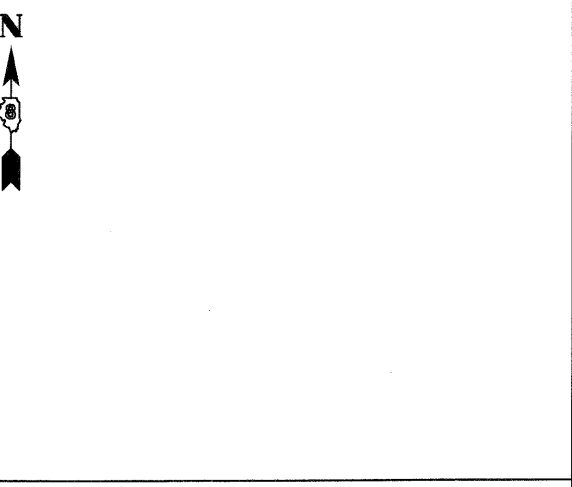
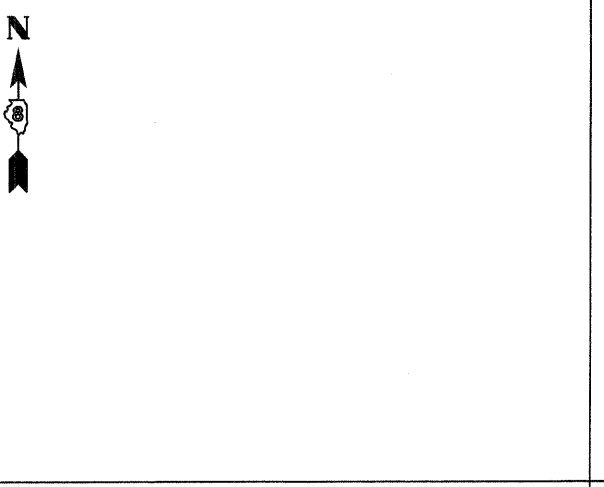
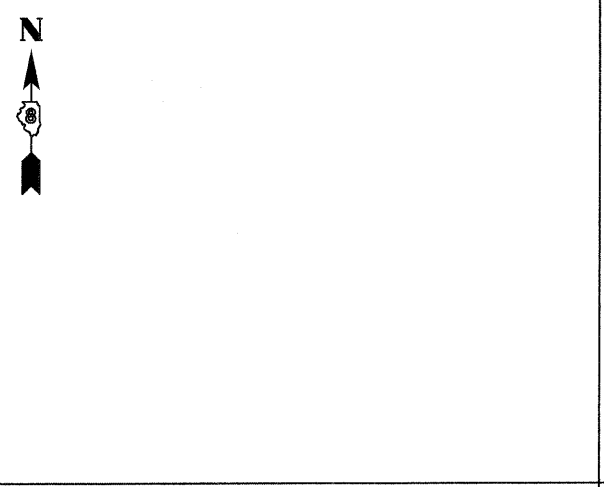
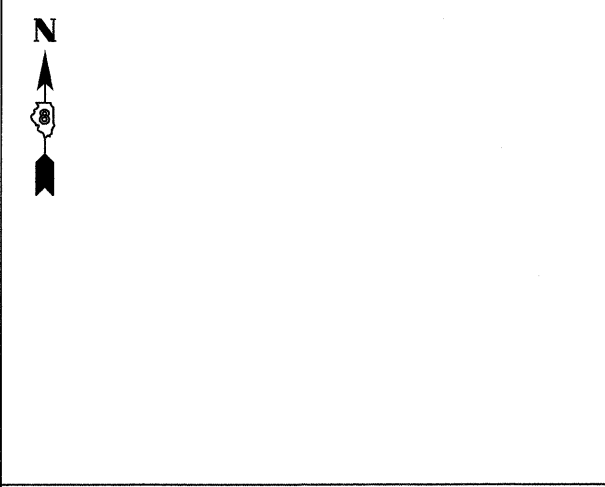
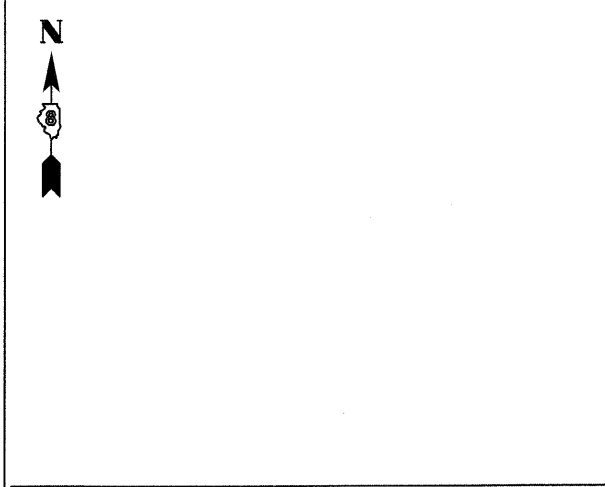
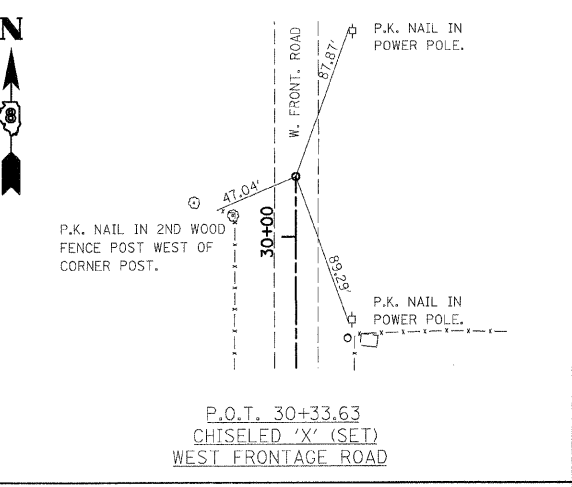
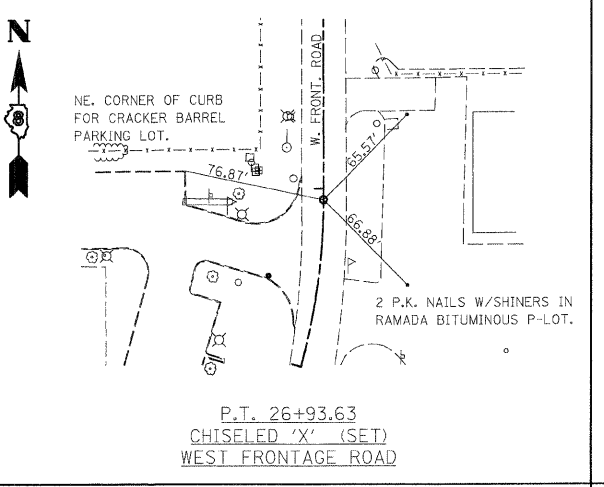
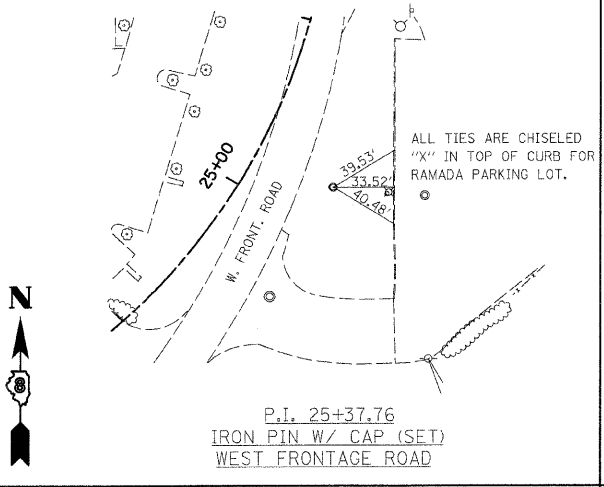
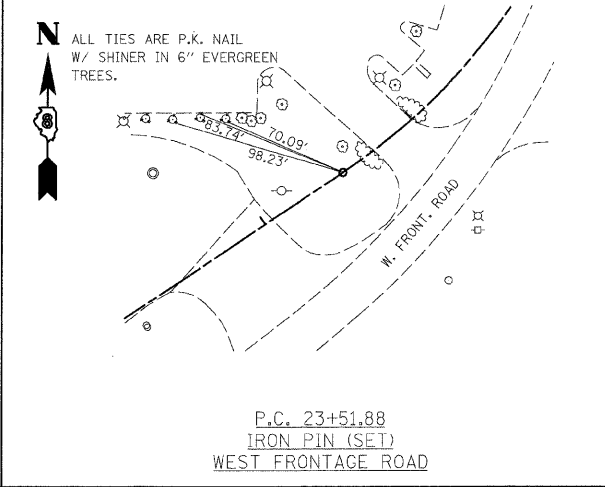
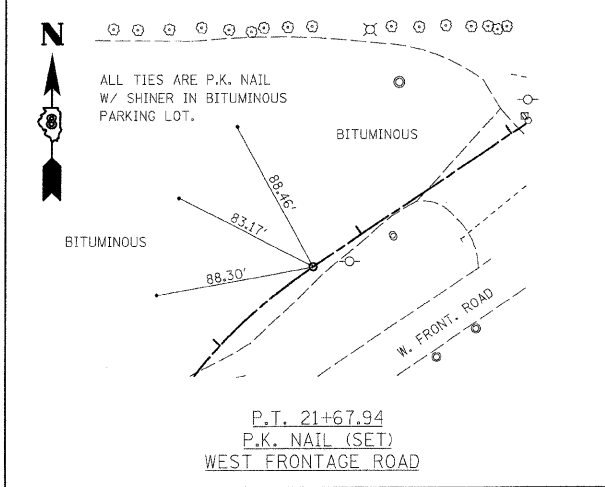
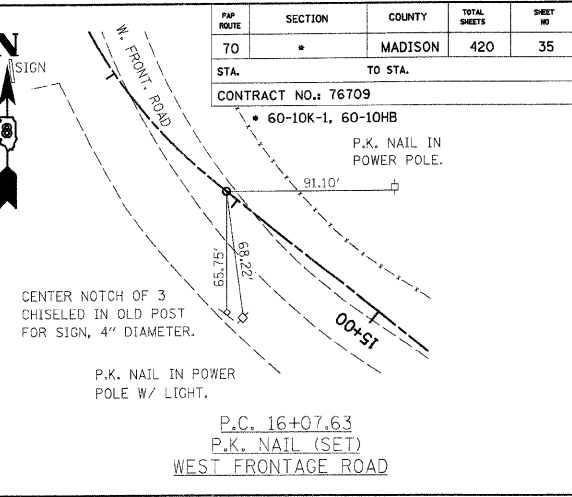
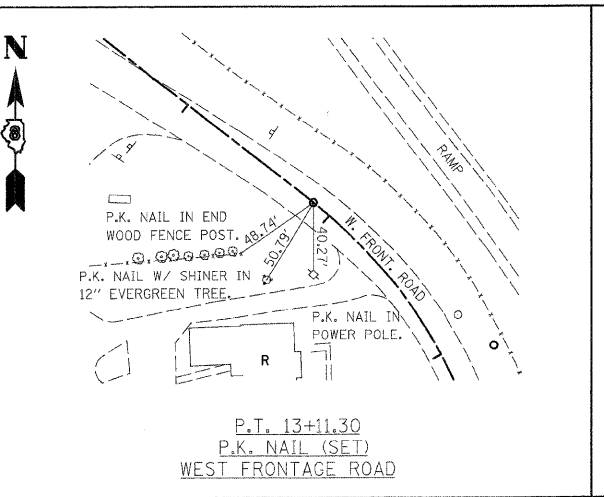
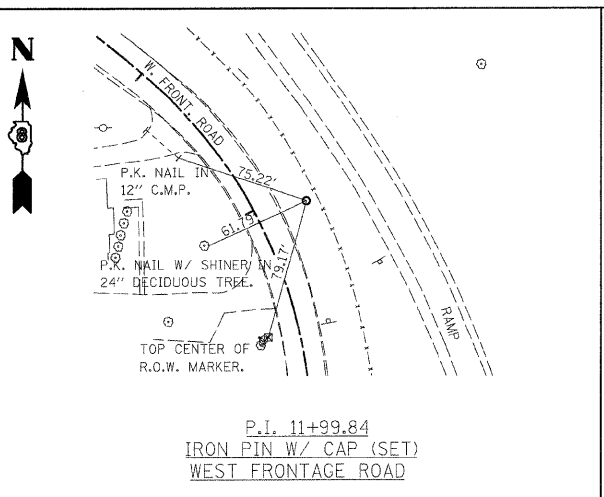
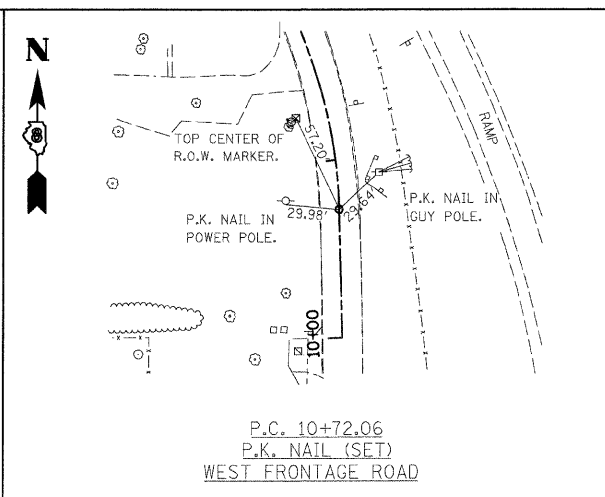
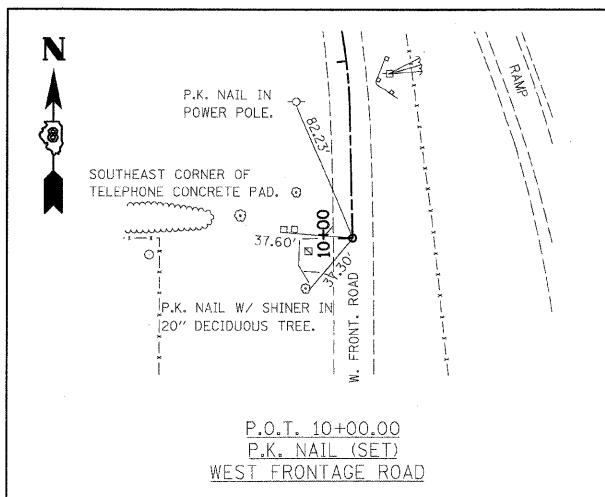
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DATE-TIME\*  
 \*DIN-SPEE\*  
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FMP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70	•	MADISON	420	35
STA.	TO STA.			
CONTRACT NO.: 76709				
• 60-10K-1, 60-10HB				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ALIGNMENTS, TIES AND BENCHMARKS

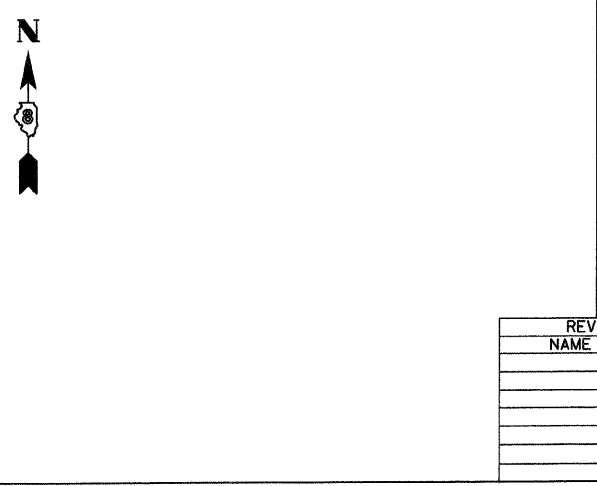
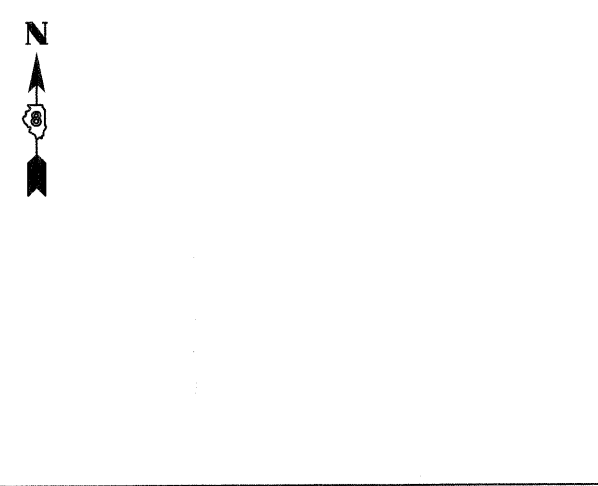
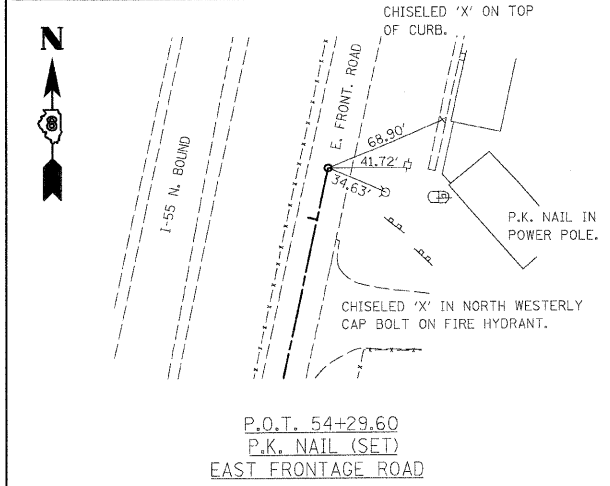
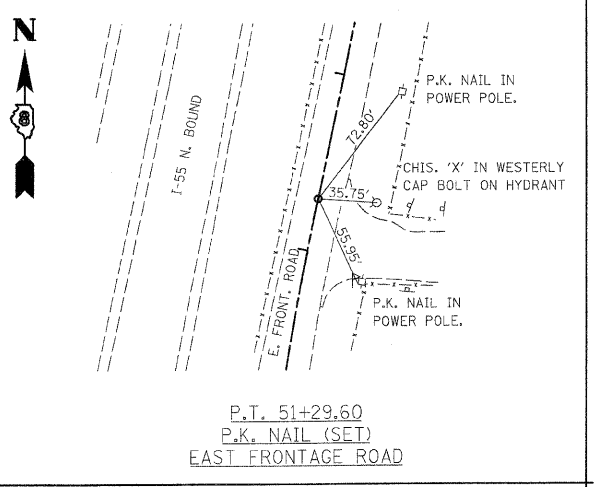
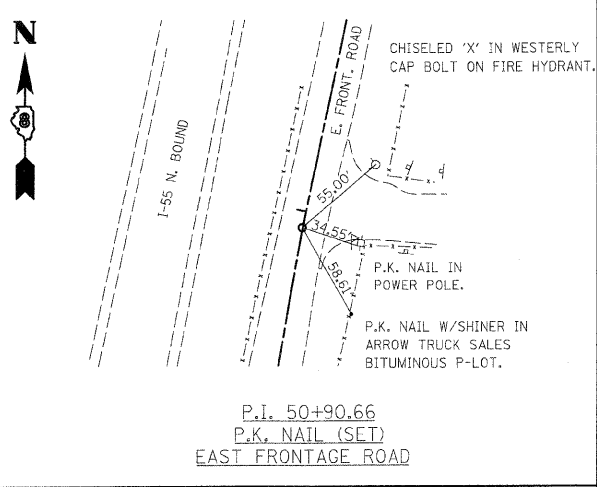
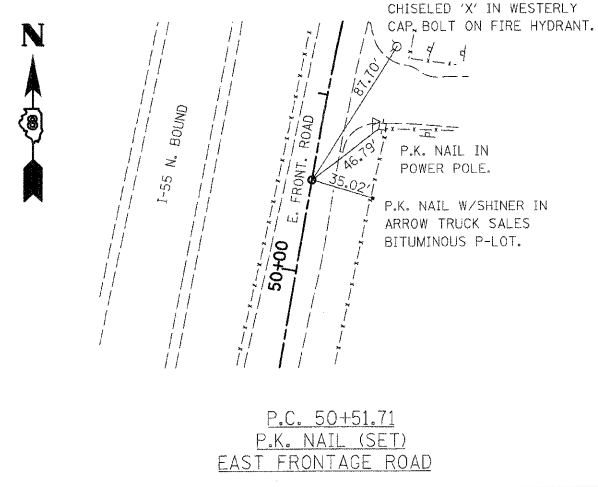
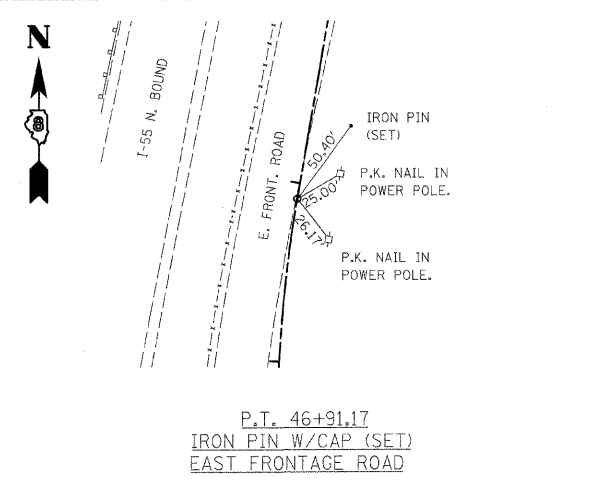
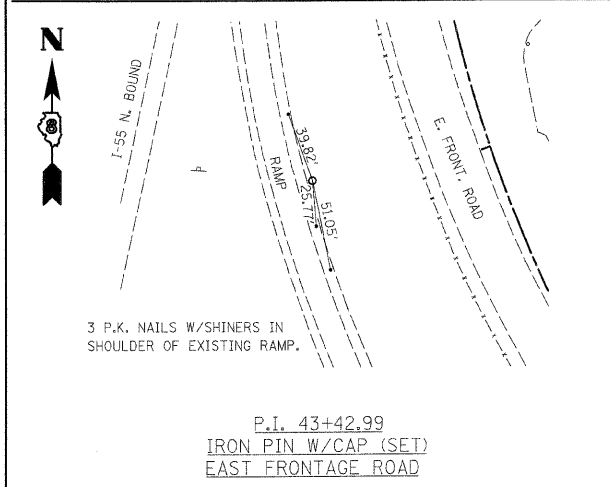
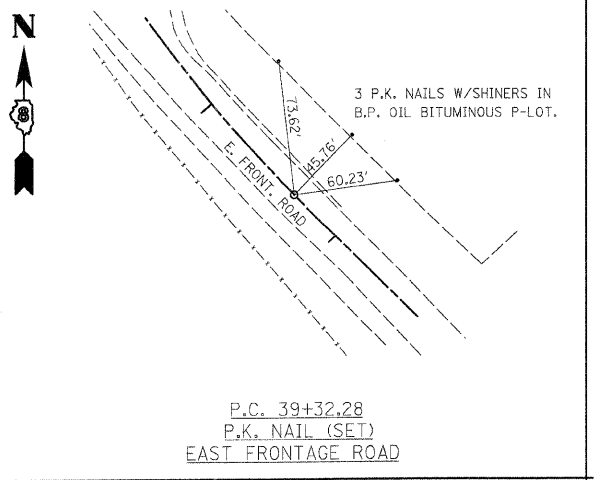
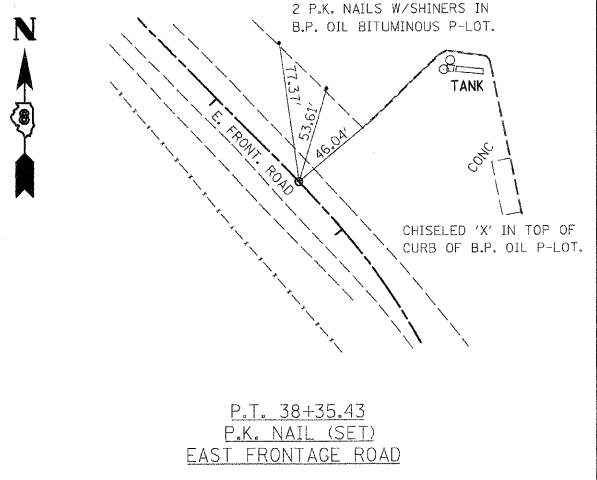
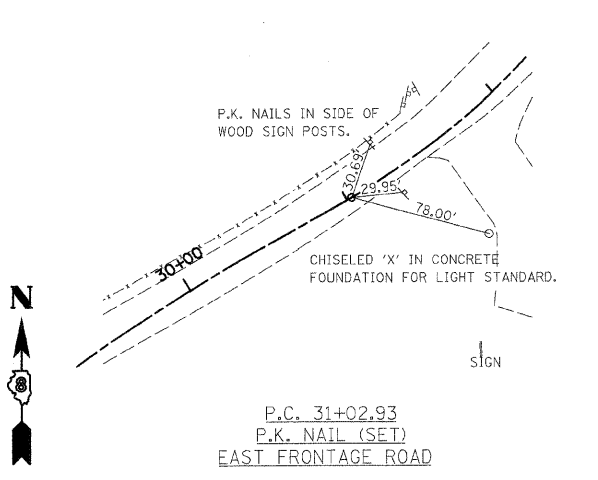
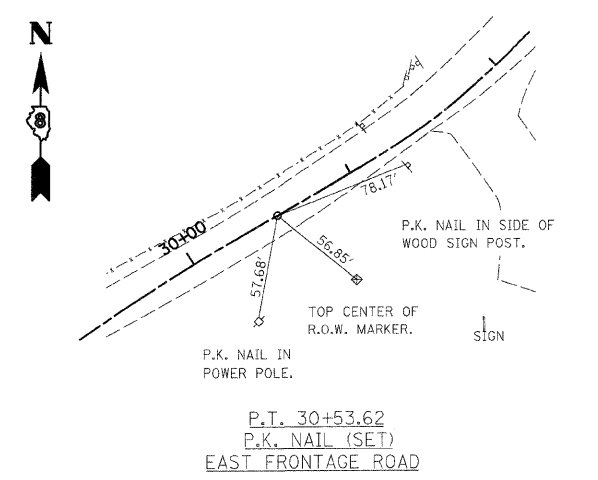
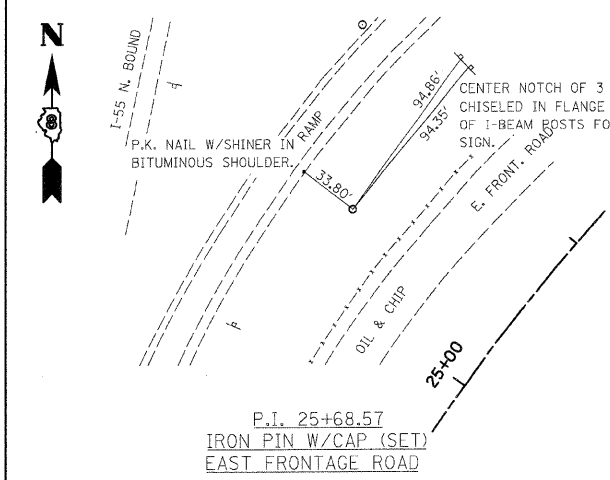
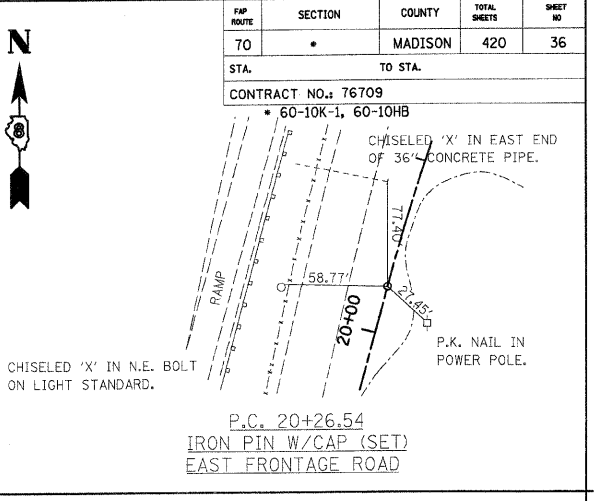
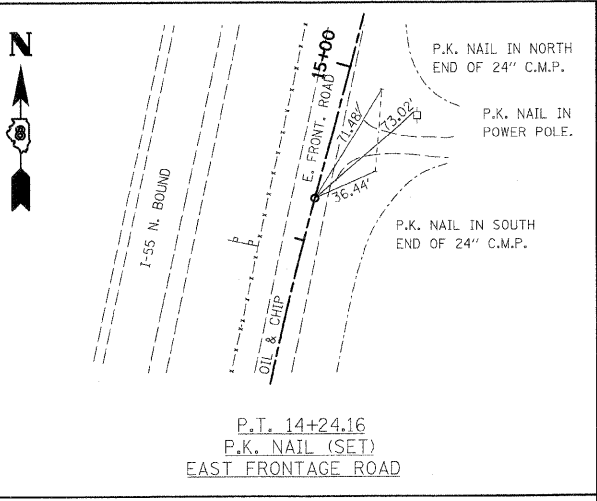
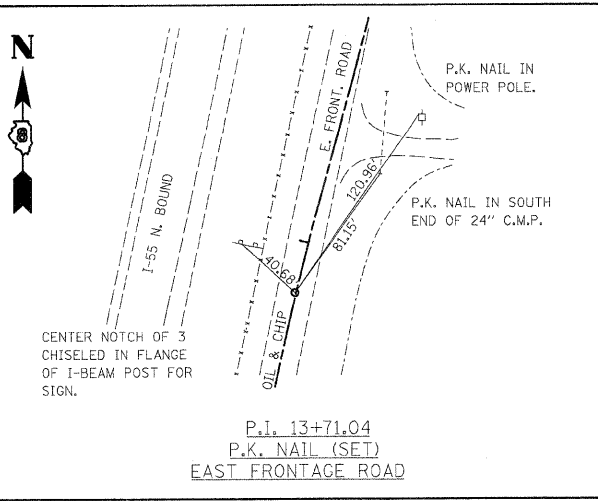
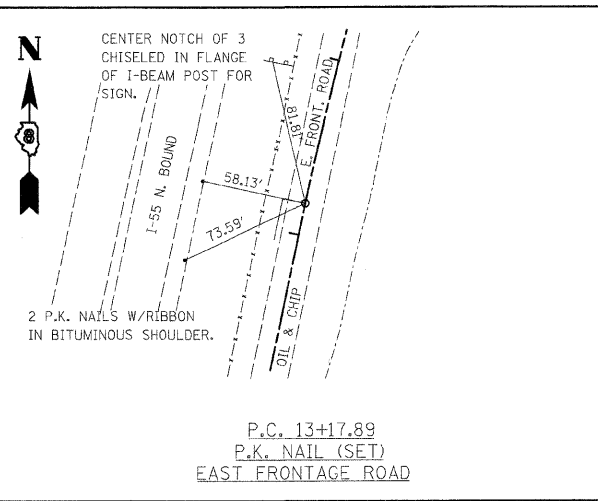
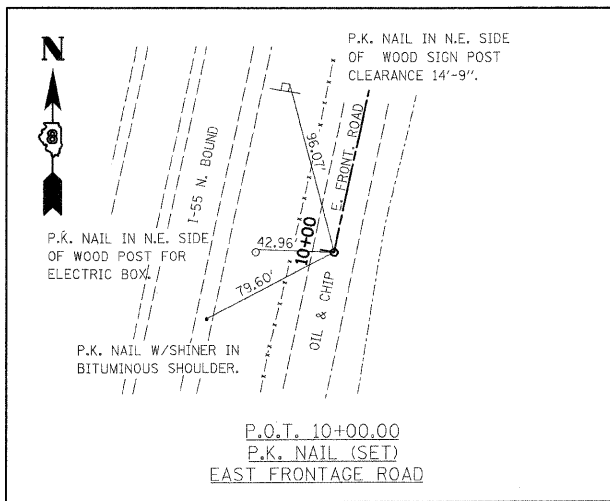
FAI ROUTE 70  
SECTION 60-10K-1, 60-10HB  
MADISON COUNTY

DRAWN BY: HJB  
PLOT DATE: \*DATE-TIME\*

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

SCALE: 1"=40'  
SHEET SPEC: 24x36"  
REF: 24x36" 100-491

PLAN	REVISIONS	DATE
NO.	NO.	
NOTE BOOK	ALIGNED CHECKED	
	PLOTTED	
	CADD FILE NAME	



REVISIONS	
NAME	DATE

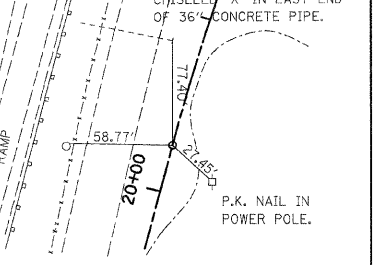
ILLINOIS DEPARTMENT OF TRANSPORTATION  
ALIGNMENTS, TIES AND BENCHMARKS

FAI ROUTE 70  
SECTION 60-10K-1, 60-10HB  
MADISON COUNTY

DRAWN BY: HJB  
PLOT DATE: \*DATE-TIME\*

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70	*	MADISON	420	36

CONTRACT NO.: 76709  
\* 60-10K-1, 60-10HB



P.C. 20+26.54  
IRON PIN W/CAP (SET)  
EAST FRONTAGE ROAD

P.C. 39+32.28  
P.K. NAIL (SET)  
EAST FRONTAGE ROAD

P.T. 51+29.60  
P.K. NAIL (SET)  
EAST FRONTAGE ROAD

P.O.T. 54+29.60  
P.K. NAIL (SET)  
EAST FRONTAGE ROAD

P.I. 43+42.99  
IRON PIN W/CAP (SET)  
EAST FRONTAGE ROAD

P.I. 25+68.57  
IRON PIN W/CAP (SET)  
EAST FRONTAGE ROAD

P.O.T. 10+00.00  
P.K. NAIL (SET)  
EAST FRONTAGE ROAD

P.C. 13+17.89  
P.K. NAIL (SET)  
EAST FRONTAGE ROAD

P.T. 30+53.62  
P.K. NAIL (SET)  
EAST FRONTAGE ROAD

P.T. 46+91.17  
IRON PIN W/CAP (SET)  
EAST FRONTAGE ROAD

P.I. 13+71.04  
P.K. NAIL (SET)  
EAST FRONTAGE ROAD

P.C. 31+02.93  
P.K. NAIL (SET)  
EAST FRONTAGE ROAD

P.C. 50+51.71  
P.K. NAIL (SET)  
EAST FRONTAGE ROAD

P.T. 14+24.16  
P.K. NAIL (SET)  
EAST FRONTAGE ROAD

P.T. 38+35.43  
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EAST FRONTAGE ROAD

P.I. 50+90.66  
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EAST FRONTAGE ROAD







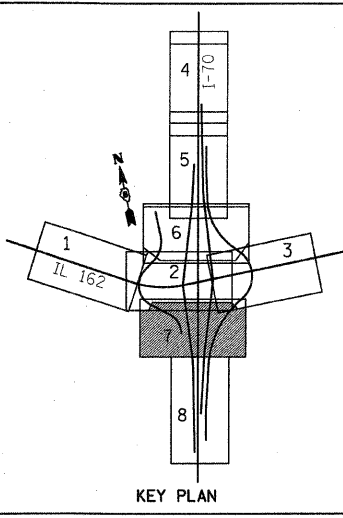




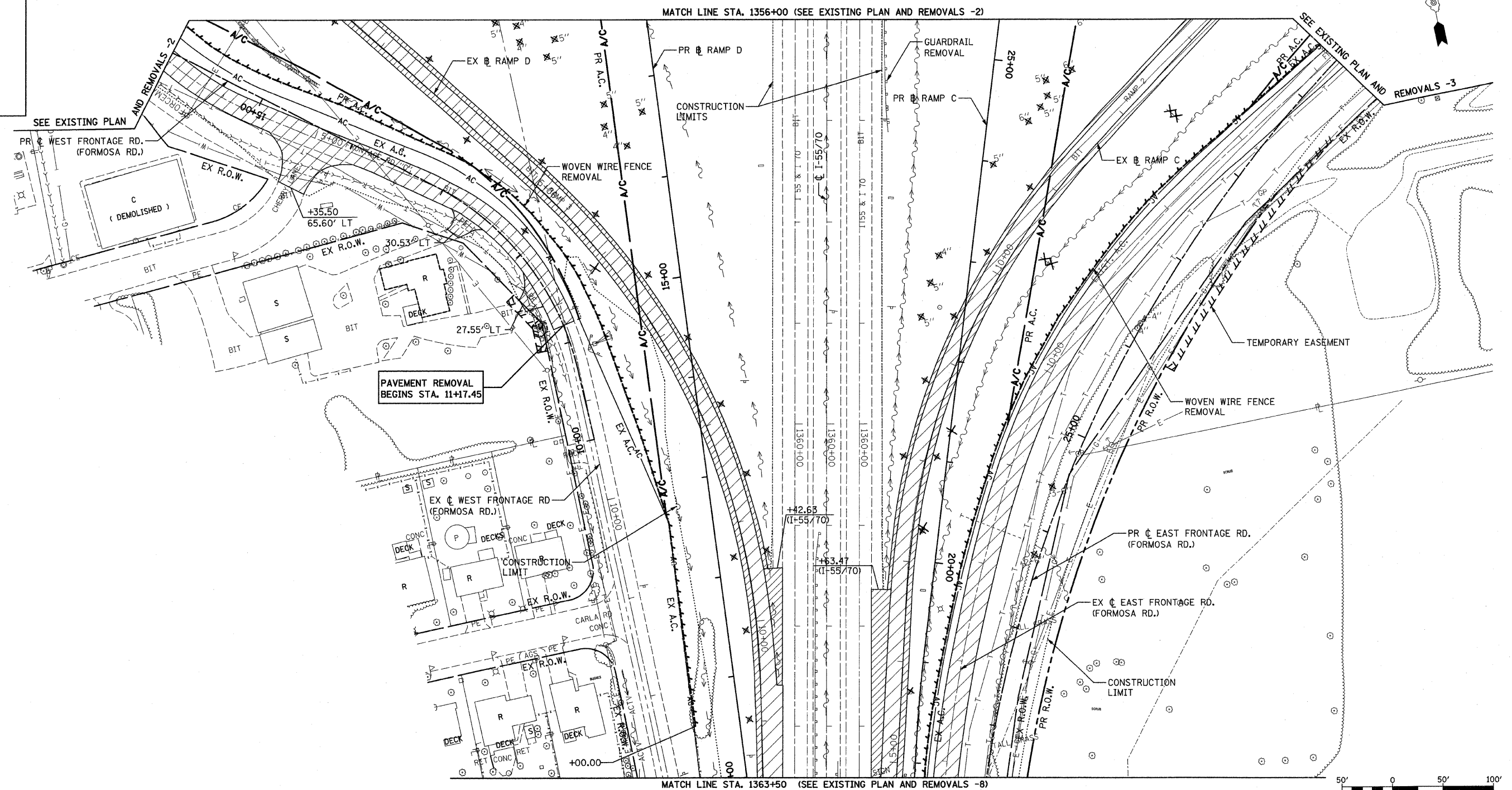








PLAN	DATE
SUBMITTED	
PLOTTED	
ALIGNED	
CHECKED	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	



LEGEND

	PAVED SHOULDER REMOVAL		DRIVEWAY PAVEMENT REMOVAL
	MEDIAN REMOVAL		TREE REMOVAL
	PAVEMENT REMOVAL		TREE TRUNK PROTECTION
	HOT-MIX ASPHALT SURFACE REMOVAL		ITEM TO BE REMOVED
			DELINEATOR REMOVAL
			TRAFFIC SIGN REMOVAL

- NOTES:
- SEE DRAINAGE PLAN SHEETS FOR EXISTING PIPE, CULVERTS AND STRUCTURE REMOVALS.
  - DRIVEWAY STATION OFFSETS ARE MEASURED FROM THE PROPOSED CENTERLINE.

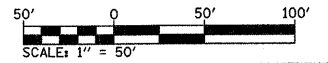
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING PLAN AND REMOVALS -7**

FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

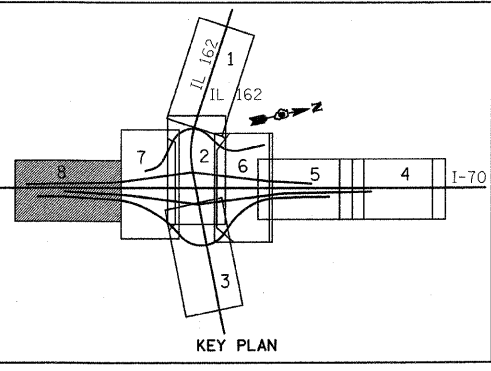
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PLOT DATE: \*DATE-TIME\*

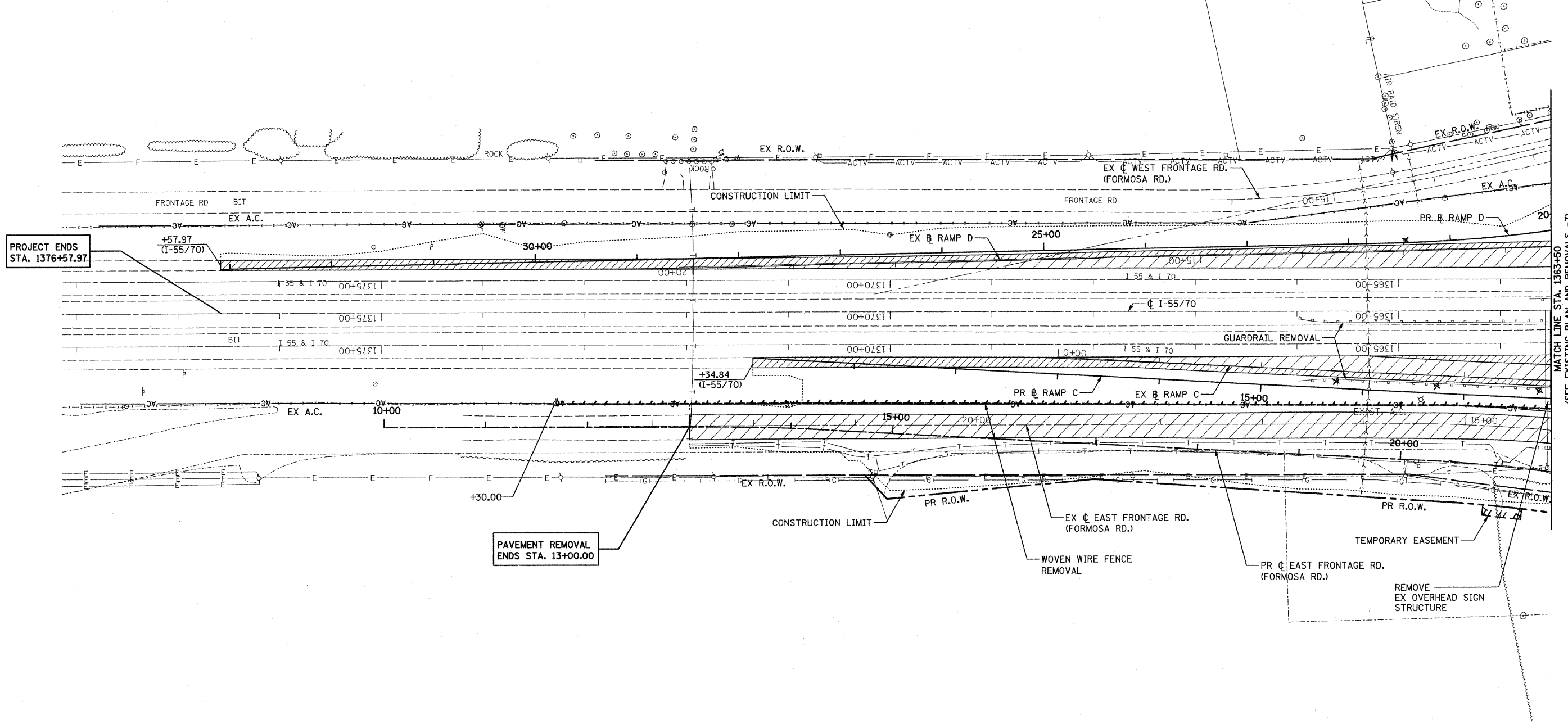


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FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		MADISON	420	45
STA. 1363+50		TO STA. 1376+57.17		
CONTRACT NO.: 76709				
• 60-10K-1, 60-10HB				



PLAN	DATE
BY	
DESIGNED	
CHECKED	
NOTED	
NO.	



PROJECT ENDS  
STA. 1376+57.97

PAVEMENT REMOVAL  
ENDS STA. 13+00.00

MATCH LINE STA. 1363+50  
(SEE EXISTING PLAN AND REMOVALS -7)

LEGEND

	PAVED SHOULDER REMOVAL		DRIVEWAY PAVEMENT REMOVAL
	MEDIAN REMOVAL		TREE REMOVAL
	PAVEMENT REMOVAL		TREE TRUNK PROTECTION
	HOT-MIX ASPHALT SURFACE REMOVAL		ITEM TO BE REMOVED
			DELINEATOR REMOVAL
			TRAFFIC SIGN REMOVAL

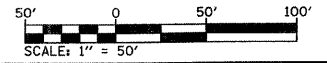
NOTES:  
1. SEE DRAINAGE PLAN SHEETS FOR EXISTING PIPE, CULVERTS AND STRUCTURE REMOVALS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING PLAN AND REMOVALS -8**

FAI ROUTE 70  
SECTION 60-10K-1, 60-10HB  
MADISON COUNTY

DRAWN BY: GRH  
PLOT DATE: \*DATE-TIME\*

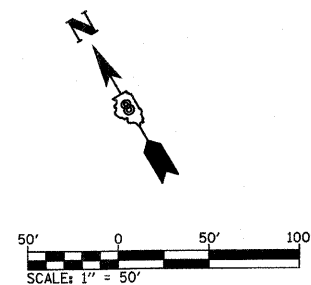


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FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		MADISON	420	47
STA. 482+50		TO STA. 494+00		
CONTRACT NO.: 76709				
• 60-10K-1, 60-10HB				

PROP. CURVE 162PR1  
 PI STA. = 493+92.86  
 $\Delta = 28^\circ 58' 09''$  (LT)  
 $D = 4^\circ 07' 29''$   
 $R = 1,389.08'$   
 $T = 358.84'$   
 $L = 702.33'$   
 $E = 45.60'$   
 $e = NC$   
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 490+34.02  
 P.T. STA. = 497+36.34

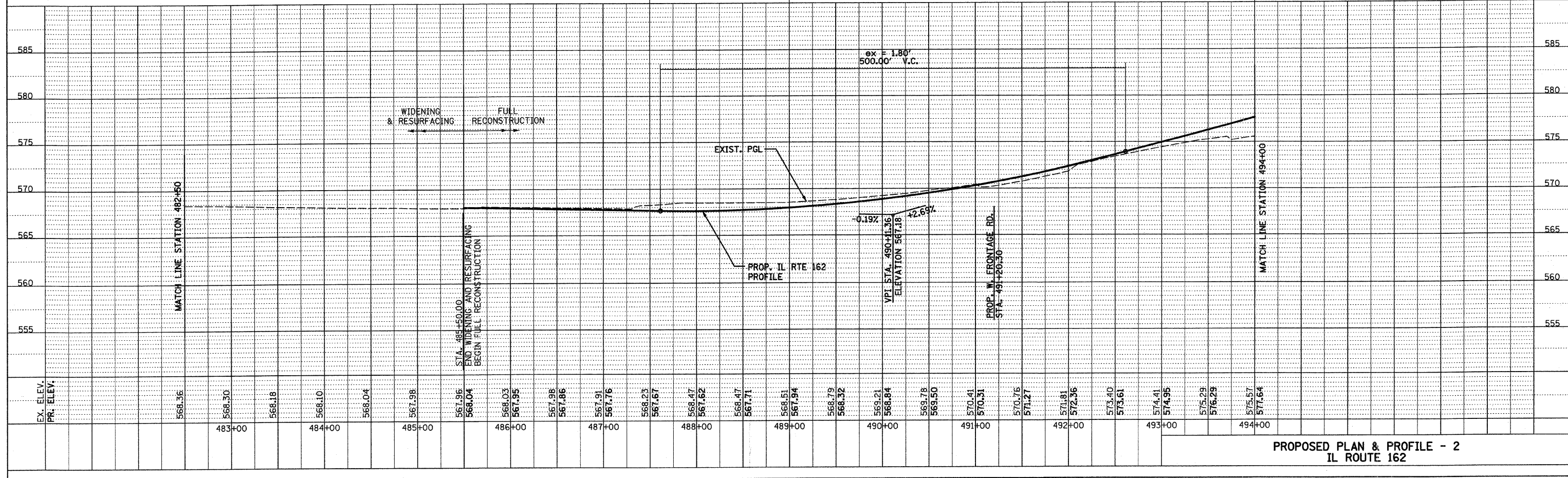
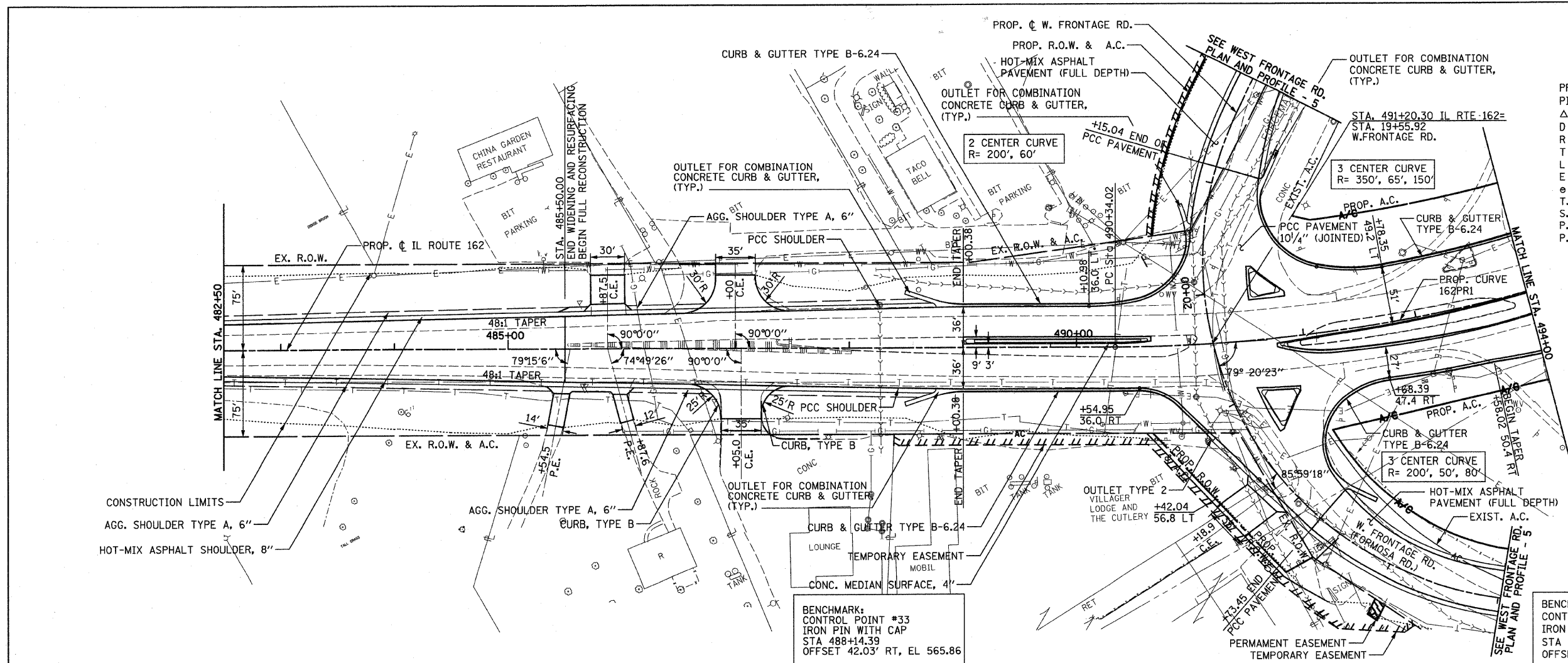


- NOTES:
1. FOR MORE DETAILS SEE INTERSECTION LAYOUT DETAIL SHEETS.
  2. ALL DIMENSIONS, STATIONS AND OFFSETS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

BENCHMARK:  
 CONTROL POINT #34  
 IRON PIN WITH CAP  
 STA 493+09.47  
 OFFSET 43.26' RT, EL 574.25

PLAN	DATE	BY
REVISIONS		
NO.		
DATE		
BY		
NO.		
DATE		
BY		
NO.		
DATE		
BY		

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



PROPOSED PLAN & PROFILE - 2  
 IL ROUTE 162

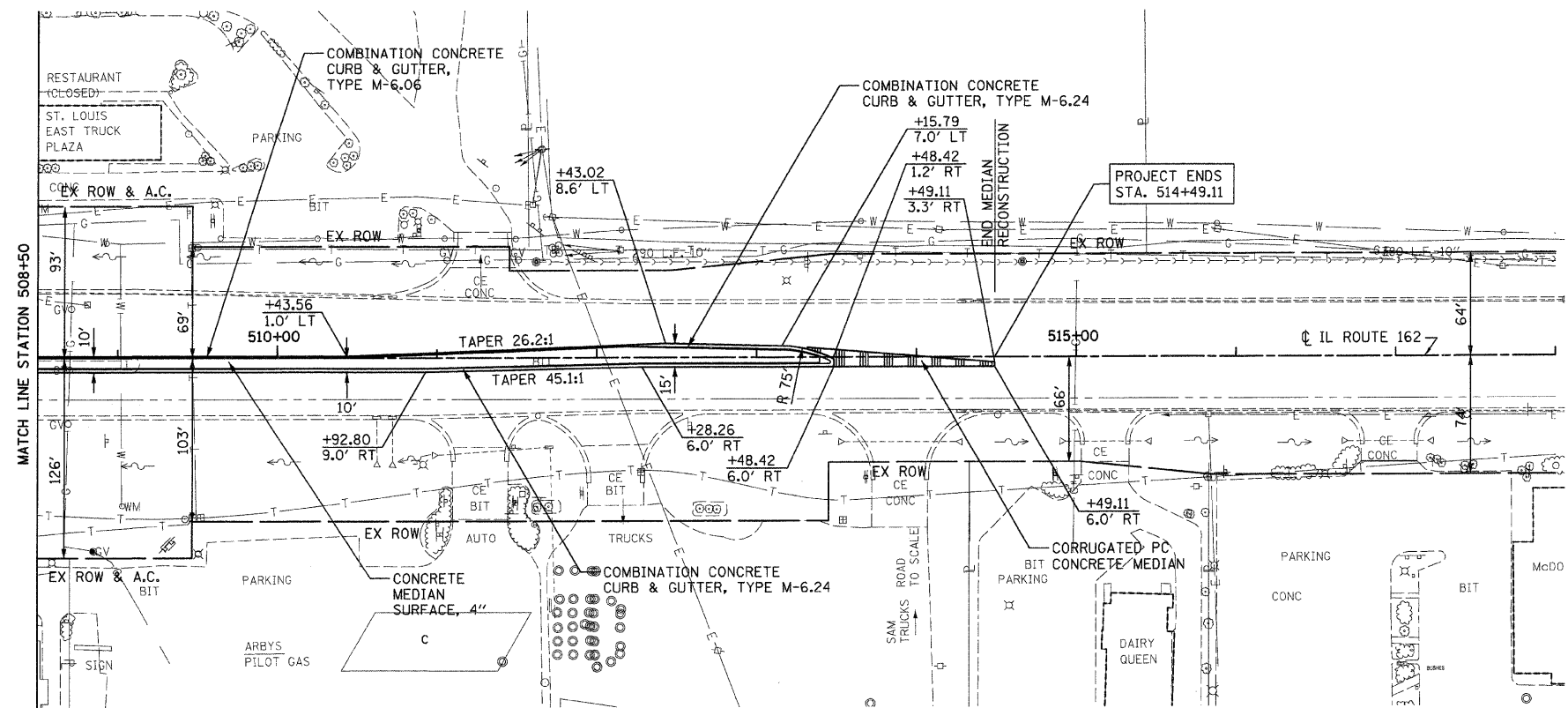
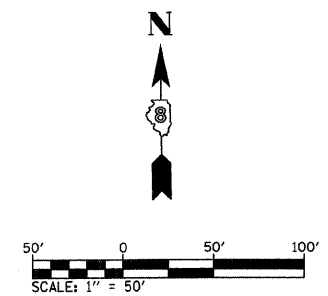
PLOT DATE: \*DATE-TIME\*

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PAV ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70	*	MADISON	420	49
STA. 508+00		TO STA. 514+49.2		
CONTRACT NO.: 76709				
• 60-10K-1, 60-10HB				



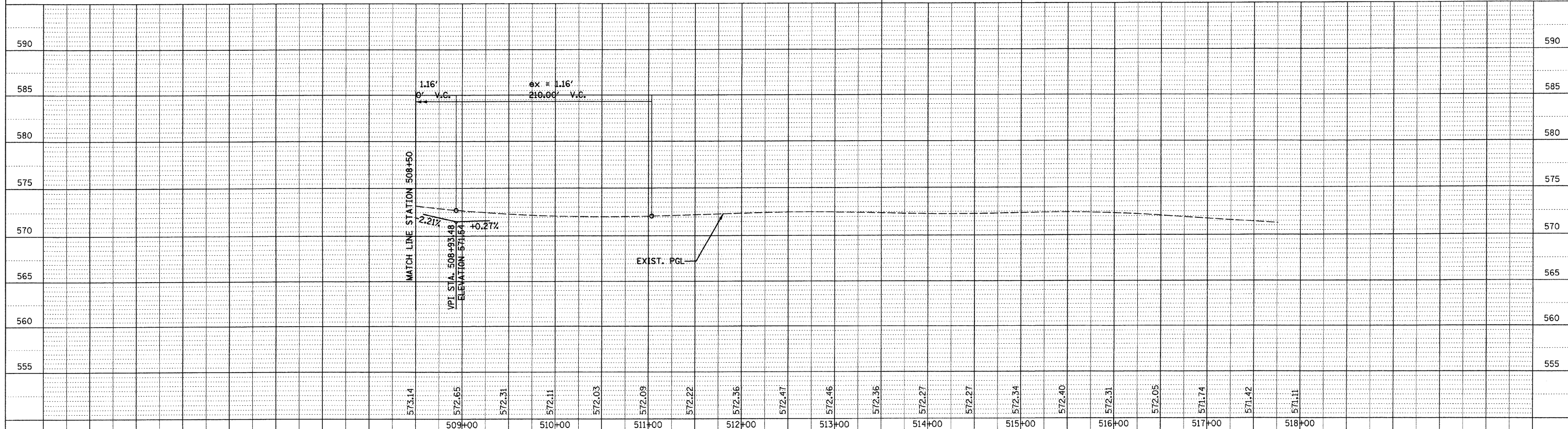
SAW CUT FULL DEPTH FOR PROPOSED MEDIAN STA. 507+90 TO STA. 514+49.11.

BENCHMARK:  
CONTROL POINT #37  
IRON PIN WITH CAP  
STA 514+50.22  
OFFSET 32.45' RT, EL 570.94

NOTE:  
1. ALL DIMENSIONS, STATIONS AND OFFSETS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	REVISIONS	
	DATE	
	BY	
	CHECKED	
	DATE	
	BY	

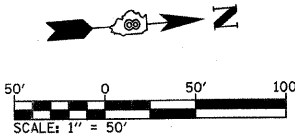
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NOTE BOOK	PLOTTED	BY
NO.	REVISIONS	
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	BY	



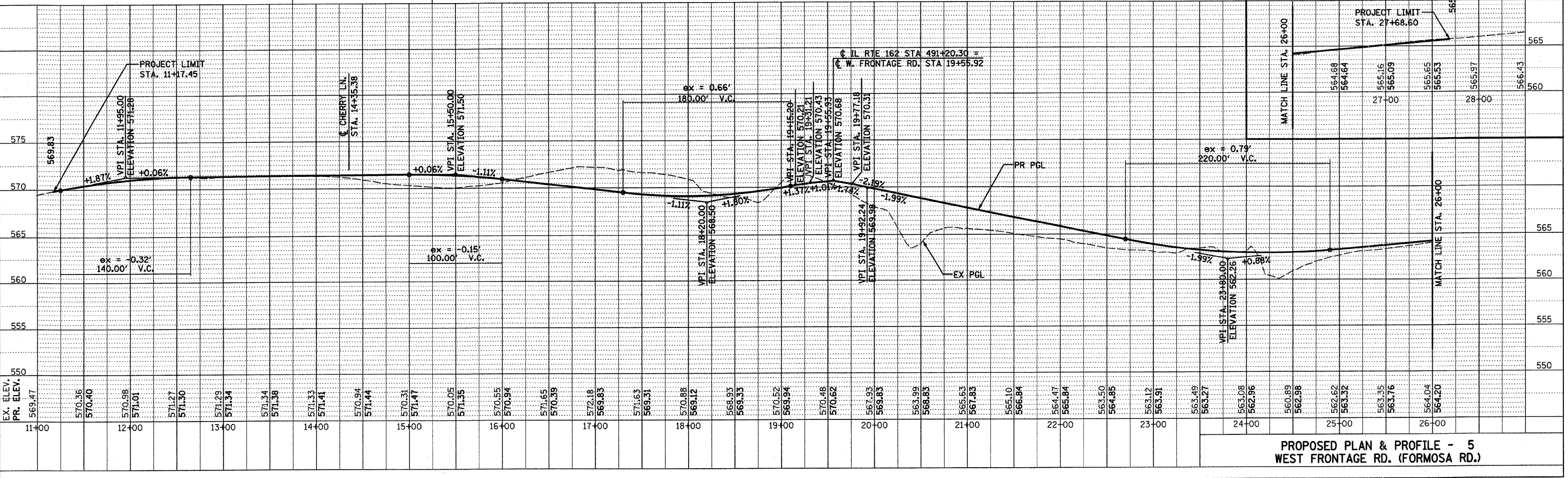
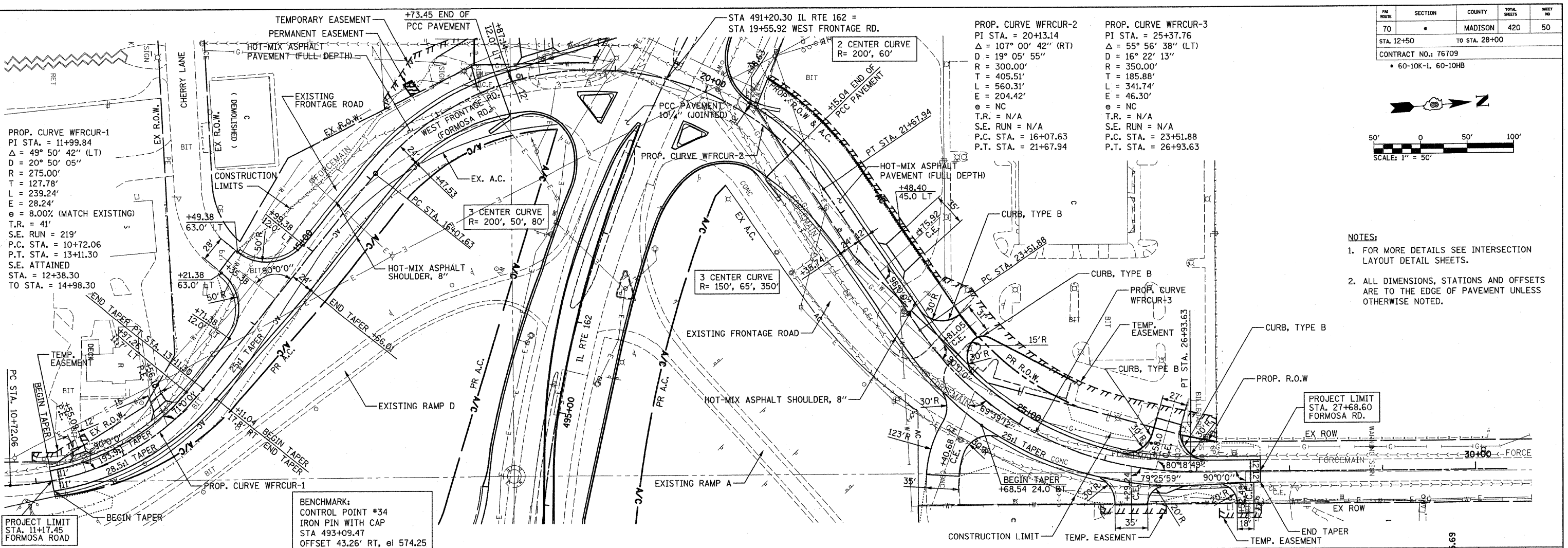
PROPOSED PLAN & PROFILE - 4  
IL ROUTE 162

\*DATE-TIME\*  
\*DGN-SPEC\*  
\*REF- 236c1p01.dgn  
\*REF- 236c01.dgn  
\*REF- 236c01.dgn  
\*REF- 236c01.dgn  
\*REF- 236c01.dgn  
\*REF- 236c01.dgn

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		MADISON	420	50
STA. 12+50		TO STA. 28+00		
CONTRACT NO.: 76709				
• 60-10K-1, 60-10HB				

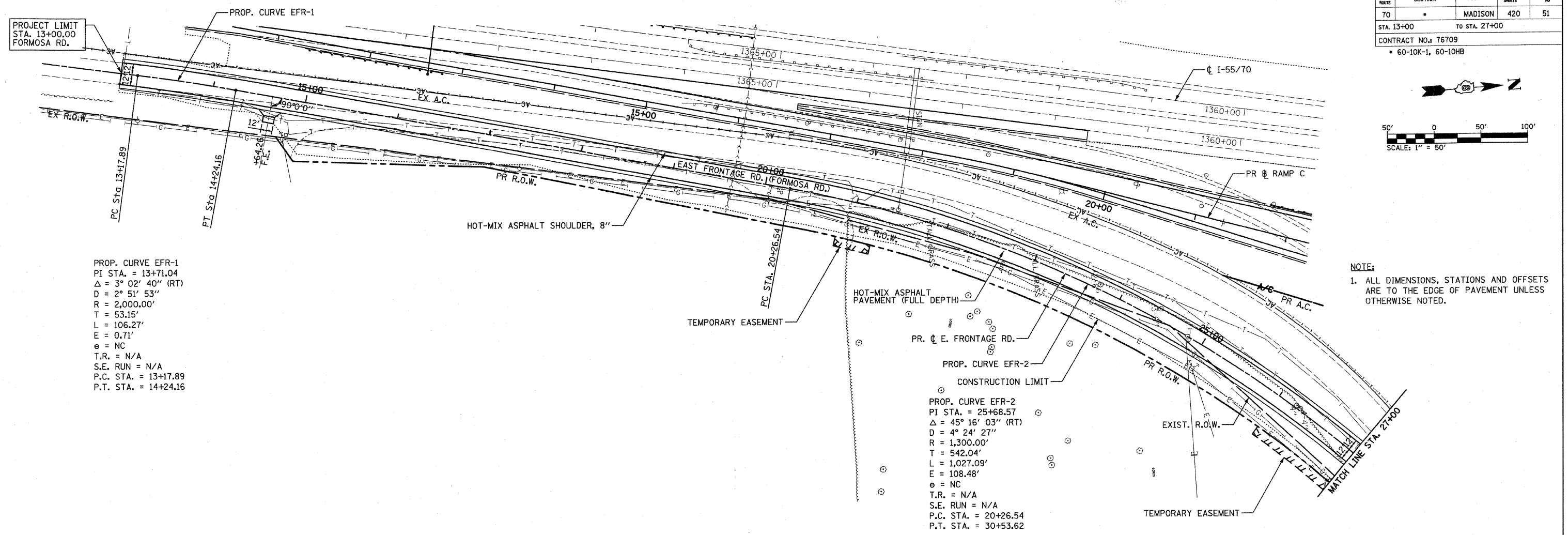
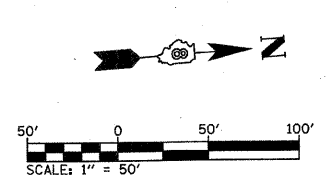


- NOTES:**
- FOR MORE DETAILS SEE INTERSECTION LAYOUT DETAIL SHEETS.
  - ALL DIMENSIONS, STATIONS AND OFFSETS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.



DATE	BY

\*GEN-SPEC\*  
 \*REF- 236cfd01.dgn  
 \*REF- 236cfd01.dgn  
 \*REF- 236cfd01.dgn  
 \*REF- 236cfd01.dgn  
 \*REF- 236cfd01.dgn



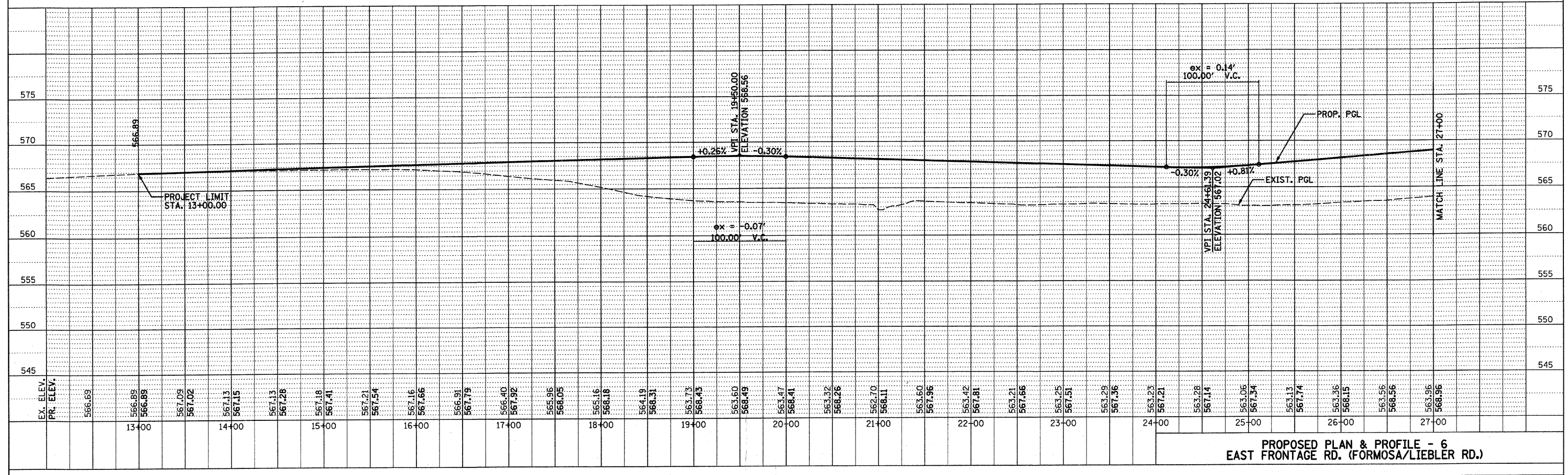
PROP. CURVE EFR-1  
 PI STA. = 13+71.04  
 $\Delta = 3^\circ 02' 40''$  (RT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 53.15'$   
 $L = 106.27'$   
 $E = 0.71'$   
 $e = NC$   
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 13+17.89  
 P.T. STA. = 14+24.16

PROP. CURVE EFR-2  
 PI STA. = 25+68.57  
 $\Delta = 45^\circ 16' 03''$  (RT)  
 $D = 4^\circ 24' 27''$   
 $R = 1,300.00'$   
 $T = 542.04'$   
 $L = 1,027.09'$   
 $E = 108.48'$   
 $e = NC$   
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 20+26.54  
 P.T. STA. = 30+53.62

NOTE:  
 1. ALL DIMENSIONS, STATIONS AND OFFSETS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

PLAN	DATE	BY
REVISIONS		
NO.	DESCRIPTION	DATE

PROFILE	DATE	BY
REVISIONS		
NO.	DESCRIPTION	DATE

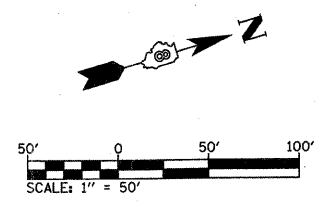


PROPOSED PLAN & PROFILE - 6  
 EAST FRONTAGE RD. (FORMOSA/LIEBLER RD.)

\*DGN: SPC6\*  
 \*REF: 236c7p01.dgn  
 \*REF: 236c7v01.dgn  
 \*REF: 236c7e01.dgn  
 \*REF: 236c7s01.dgn  
 \*REF: 236c7a01.dgn



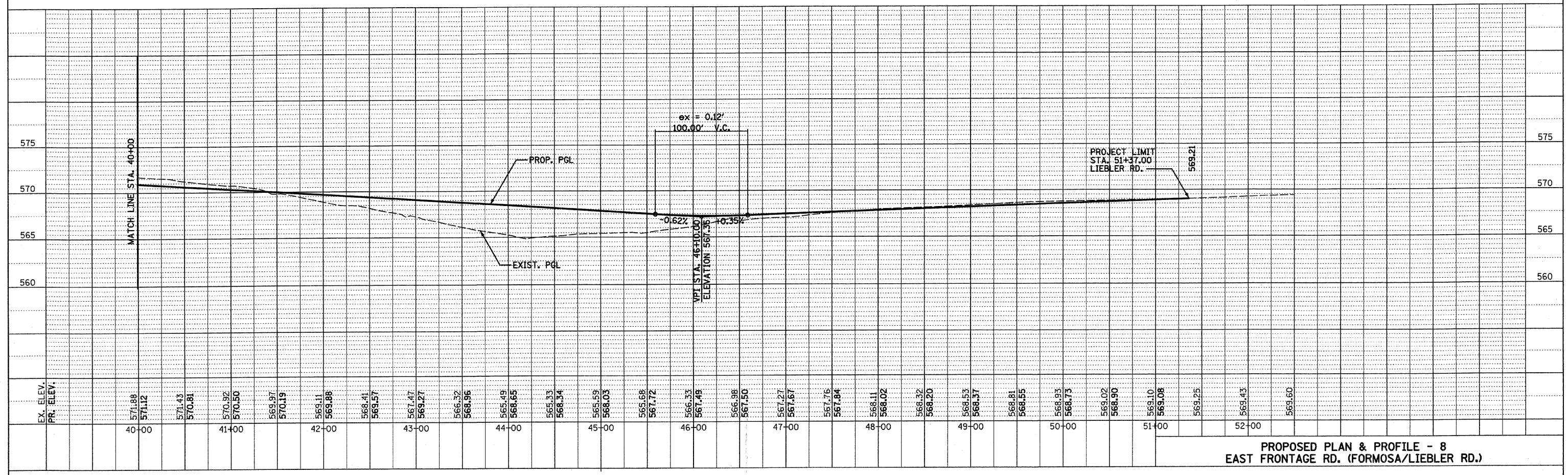
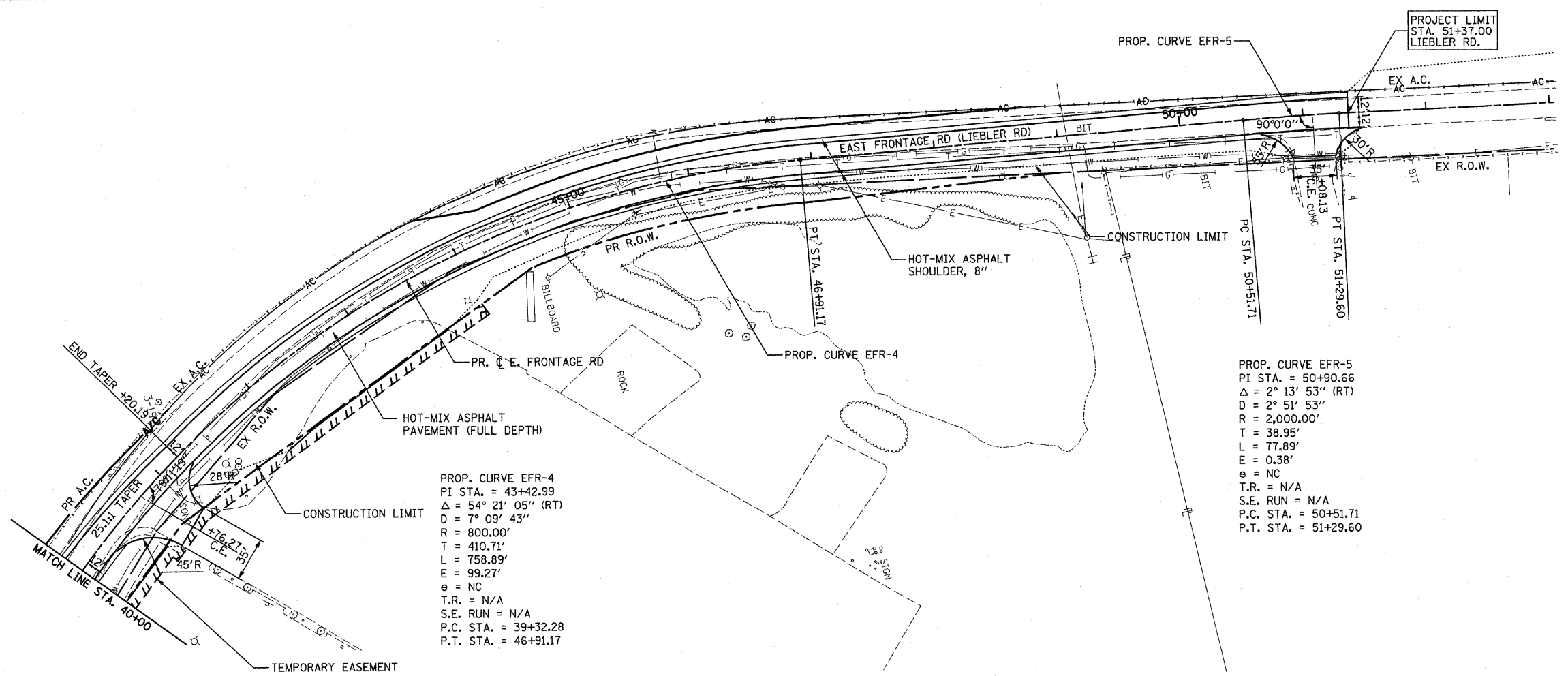
FILE ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	*	MADISON	420	53
STA. 40+00		TO STA. 51+37.00		
CONTRACT NO.: 76709				
* 60-10K-1, 60-10HB				



PLAN	DATE	BY
REVISION		
NO.		
NOTE BOOK		
ALIGNMENT CHECKED		
PLOTTED		
CADD FILE NAME		

PROFILE	DATE	BY
REVISION		
NO.		
GRADES CHECKED		
PLOTTED		
STRUCTURE NOTATIONS OK'D		

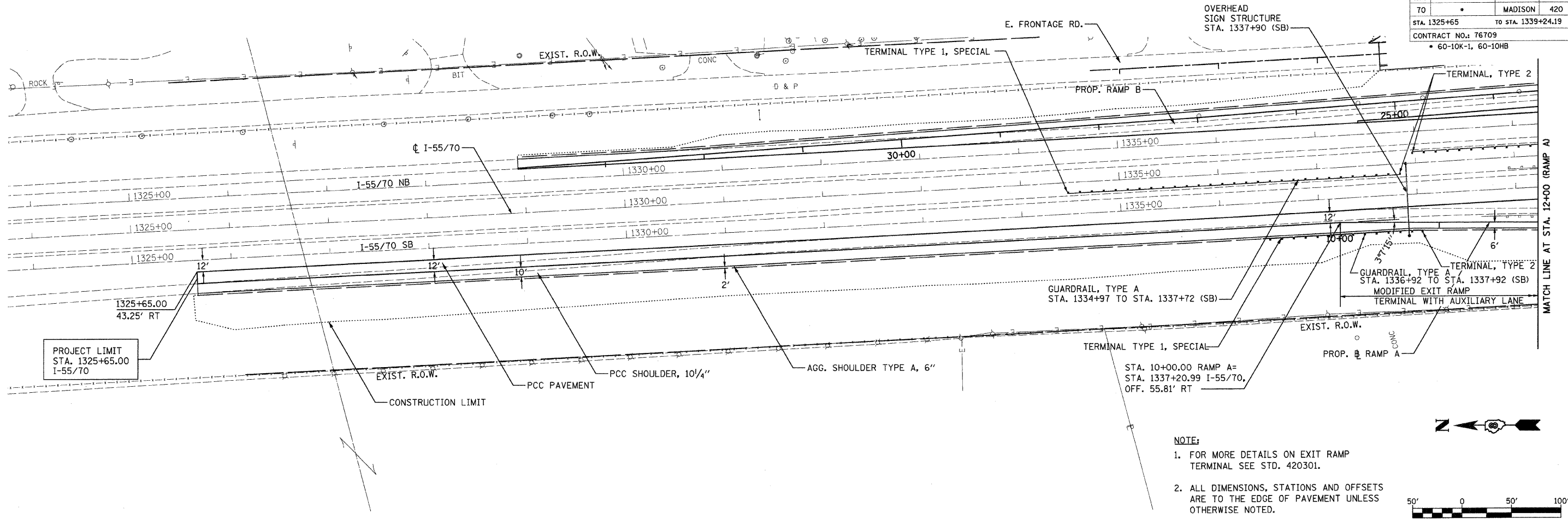
- \*DGN-SPEC\*
- \*REF- 236cct01.dgn
- \*REF- 236cct01.dgn
- \*REF- 236cct01.dgn
- \*REF- 236cct01.dgn
- \*REF- 236cct01.dgn



**PROPOSED PLAN & PROFILE - 8**  
**EAST FRONTAGE RD. (FORMOSA/LIEBLER RD.)**

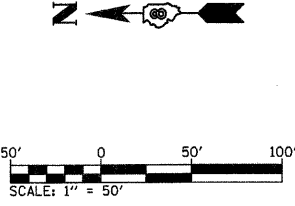
PLOT DATE: \*DATE-TIME\*

FBI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	*	MADISON	420	54
STA. 1325+65		TO STA. 1339+24.19		
CONTRACT NO.: 76709				
• 60-10K-1, 60-10HB				



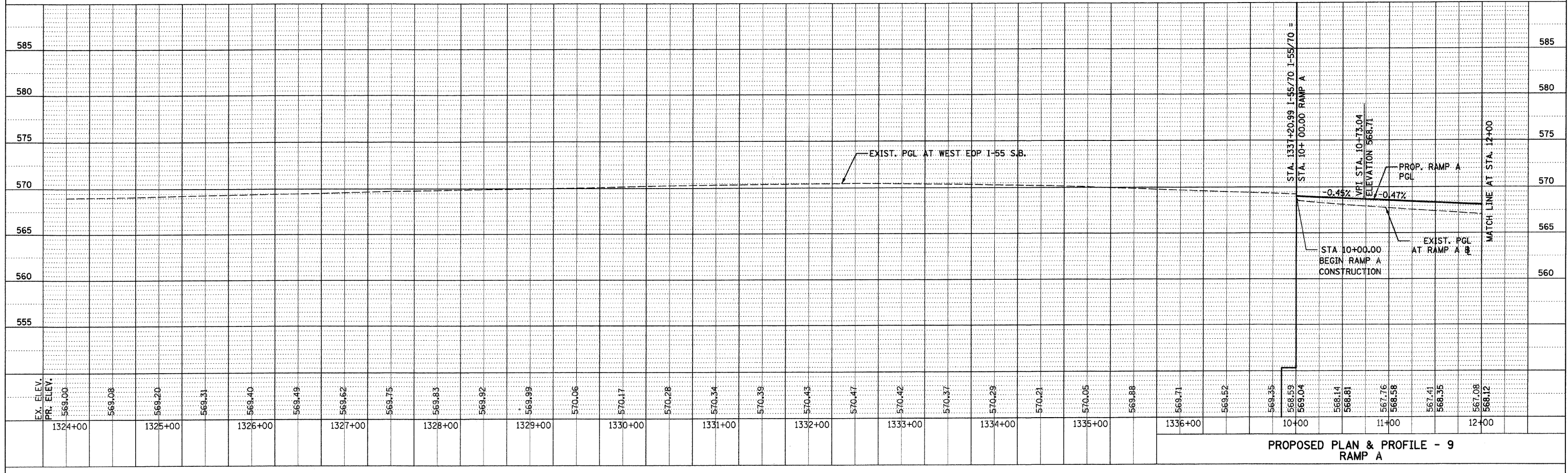
PROJECT LIMIT  
STA. 1325+65.00  
I-55/70

- NOTE:
1. FOR MORE DETAILS ON EXIT RAMP TERMINAL SEE STD. 420301.
  2. ALL DIMENSIONS, STATIONS AND OFFSETS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.



PLAN	DATE
NO. _____	_____
BY _____	_____
DATE _____	_____
NO. _____	_____
BY _____	_____
DATE _____	_____
NO. _____	_____
BY _____	_____
DATE _____	_____

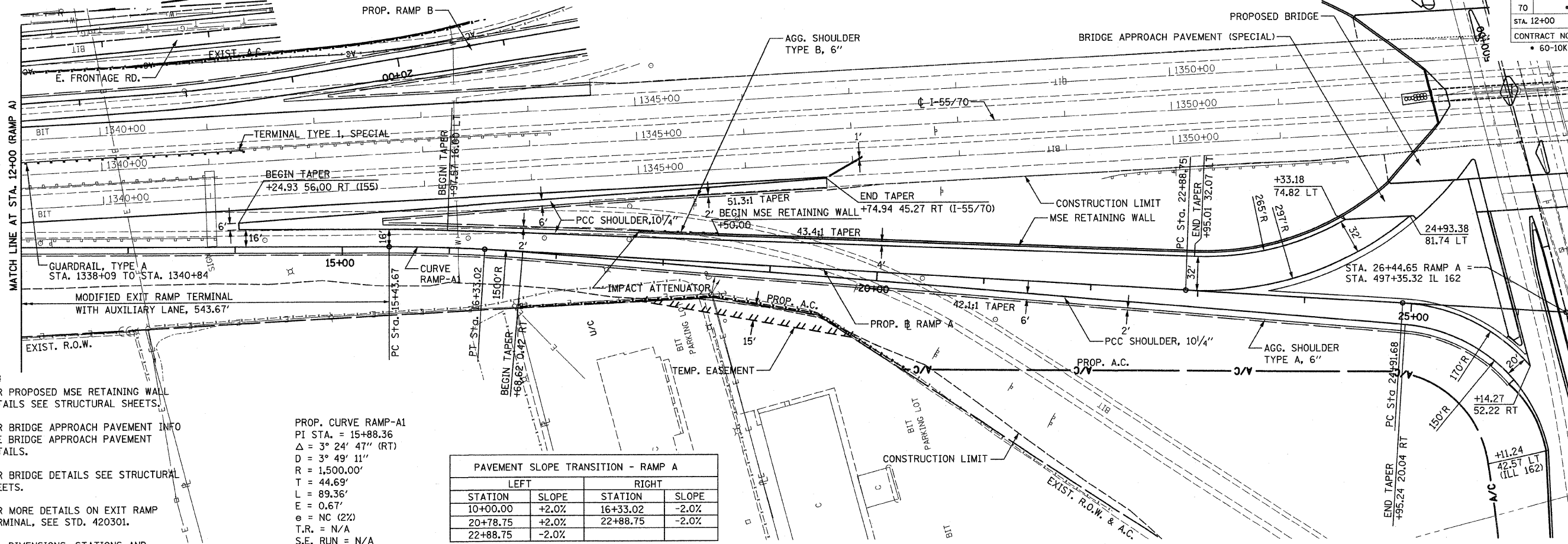
PROFILE	DATE
NO. _____	_____
BY _____	_____
DATE _____	_____
NO. _____	_____
BY _____	_____
DATE _____	_____



PROPOSED PLAN & PROFILE - 9  
RAMP A

\*DATE-TIME\*  
\*JOB-SPEC\*  
REF- 236rtd01.dgn  
REF- 236rtd01.dgn  
REF- 236rtd01.dgn  
REF- 236rtd01.dgn  
REF- 236rtd01.dgn

PLAN	DATE
NO.	
BY	
REVISION	
NO.	
DATE	

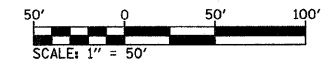


- NOTES:
- FOR PROPOSED MSE RETAINING WALL DETAILS SEE STRUCTURAL SHEETS.
  - FOR BRIDGE APPROACH PAVEMENT INFO SEE BRIDGE APPROACH PAVEMENT DETAILS.
  - FOR BRIDGE DETAILS SEE STRUCTURAL SHEETS.
  - FOR MORE DETAILS ON EXIT RAMP TERMINAL, SEE STD. 420301.
  - ALL DIMENSIONS, STATIONS AND OFFSETS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

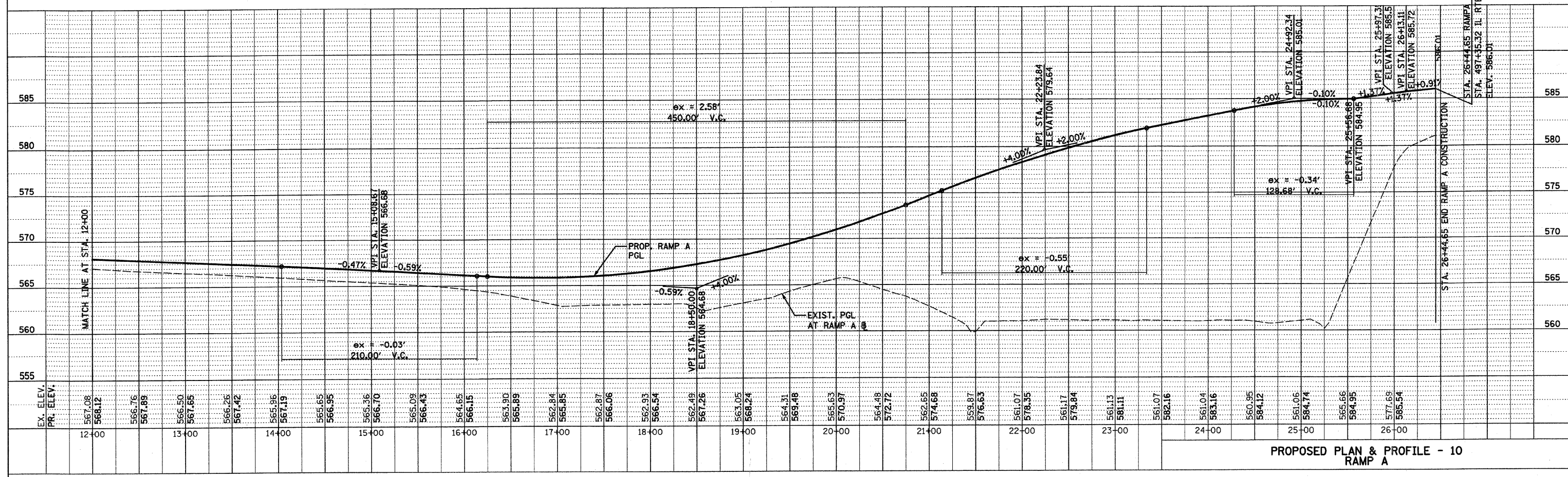
PROP. CURVE RAMP-A1  
 PI STA. = 15+88.36  
 $\Delta = 3^\circ 24' 47''$  (RT)  
 $D = 3^\circ 49' 11''$   
 $R = 1,500.00'$   
 $T = 44.69'$   
 $L = 89.36'$   
 $E = 0.67'$   
 $e = NC$  (2%)  
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 15+43.67$   
 $P.T. STA. = 16+33.02$

LEFT		RIGHT	
STATION	SLOPE	STATION	SLOPE
10+00.00	+2.0%	16+33.02	-2.0%
20+78.75	+2.0%	22+88.75	-2.0%
22+88.75	-2.0%		

FOR MORE INFO ON RAMP TURNING ROADWAYS PAVEMENT SLOPE SEE INTERSECTION ELEVATION DETAIL SHEETS.



PROFILE	DATE
NO.	
BY	
REVISION	
NO.	
DATE	



PROPOSED PLAN & PROFILE - 10 RAMP A

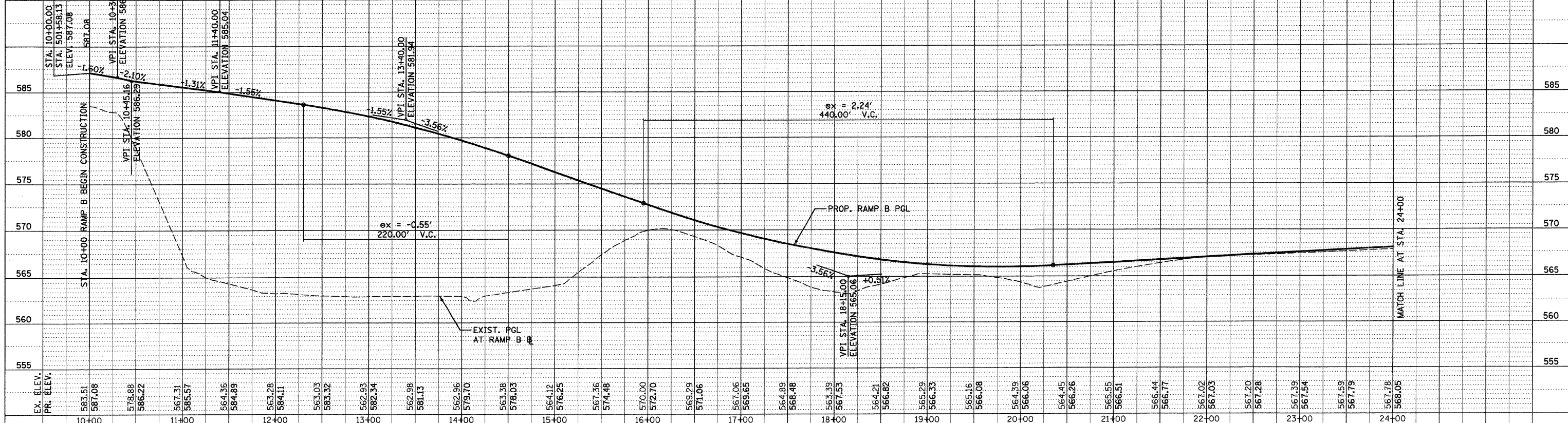
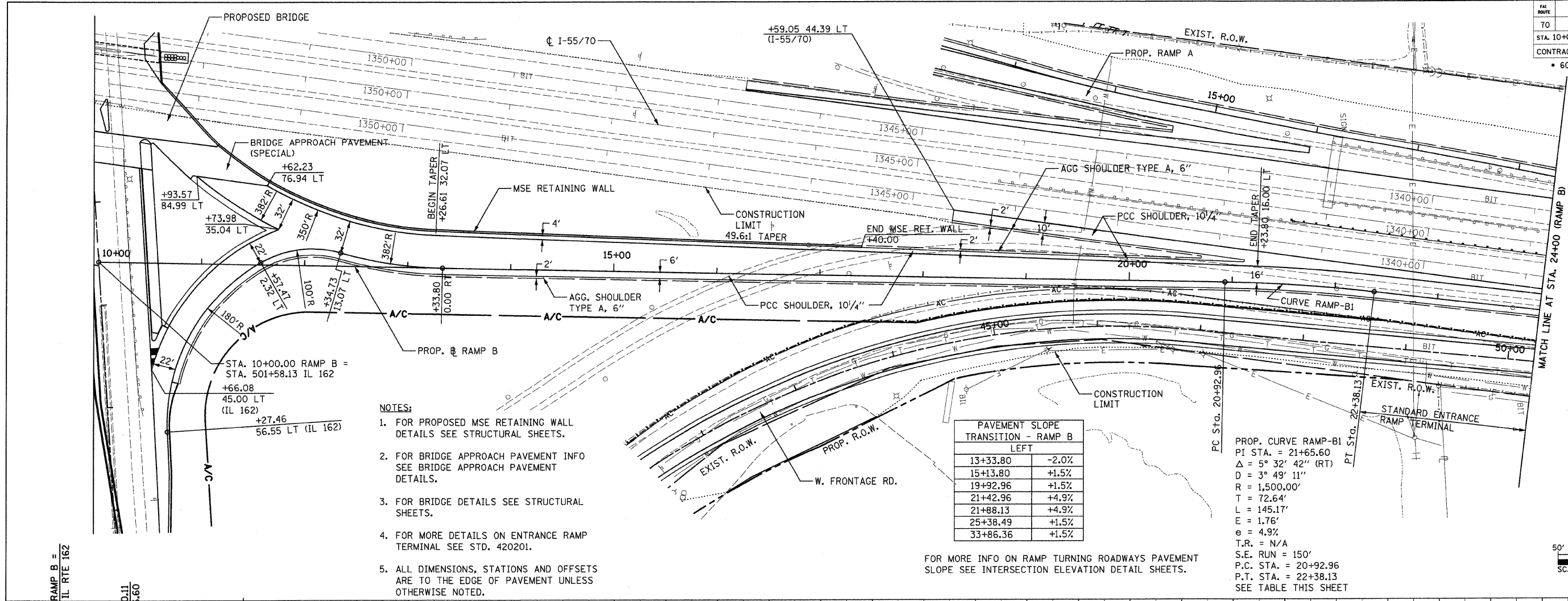
PLOT DATE: \*DATE-TIME\*

\*DWG-SPEC\*  
 \*REF- 236c01d01.dgn  
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 \*REF- 236c01d01.dgn  
 \*REF- 236c01d01.dgn  
 \*REF- 236c01d01.dgn



PLAN	SURVEYED	DATE
	PLotted	BY
	NOTE BOOK	
	NO.	

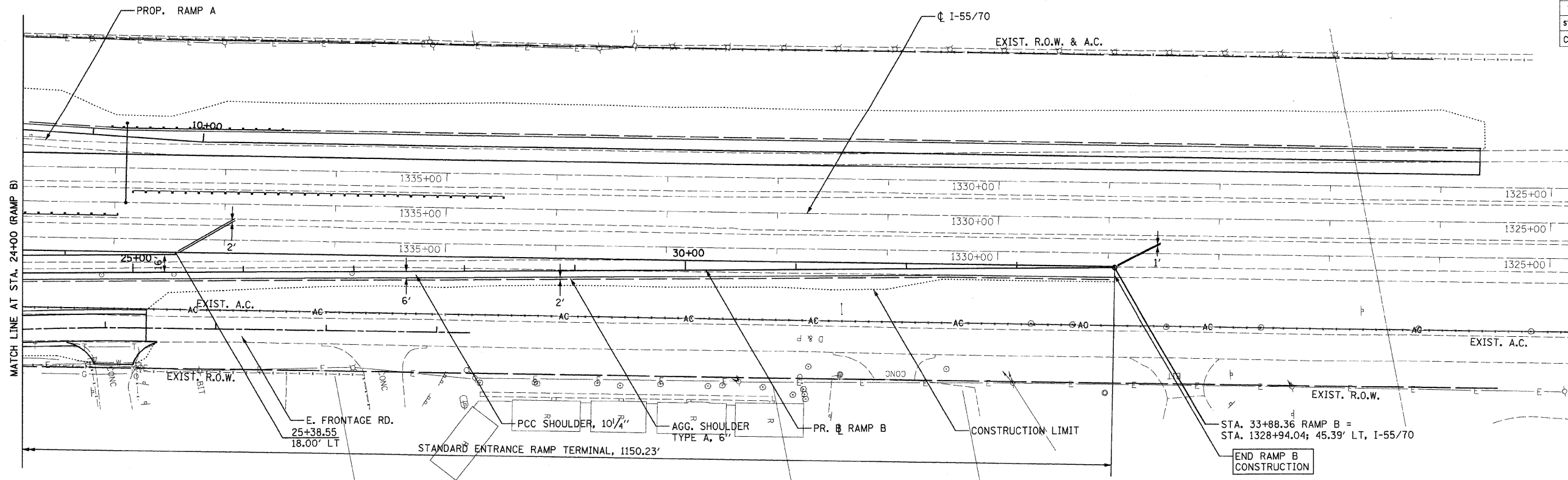
PROFILE	SURVEYED	DATE
	PLotted	BY
	NOTE BOOK	
	NO.	



PROPOSED PLAN & PROFILE - 11 RAMP B

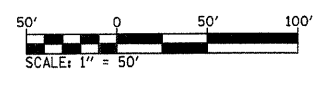
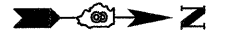
\*DATE-TIME\*  
 \*DGN-SPEC\*  
 \*REF- 236cpld.dgn  
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 \*REF- 236cpld.dgn  
 \*REF- 236cpld.dgn  
 \*REF- 236cpld.dgn

FAL ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70	*	MADISON	420	57
STA. 24+00		TO STA. 33+88.36		
CONTRACT NO.: 76709				
• 60-10K-1, 60-10HB				

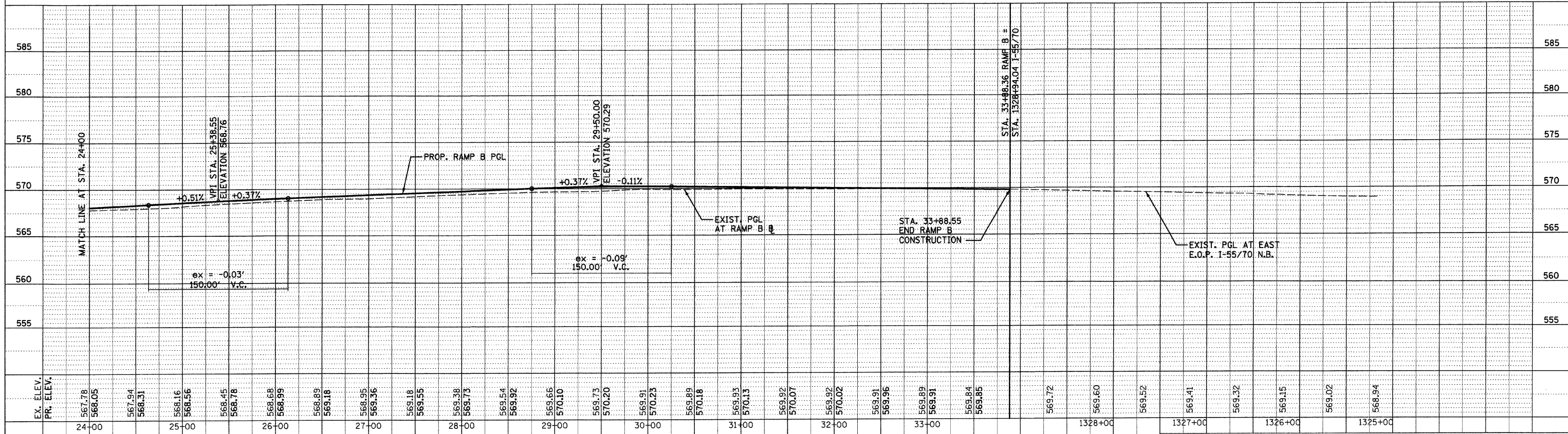


PLAN	DATE
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	

- NOTES:**
- FOR MORE DETAILS ON ENTRANCE RAMP TERMINAL SEE STD. 420201.
  - ALL DIMENSIONS, STATIONS AND OFFSETS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.



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



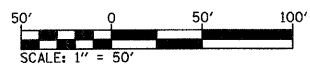
**PROPOSED PLAN & PROFILE - 12 RAMP B**

DATE-TIME: \*  
 \*DN-SPEC\*  
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 REF: 236cnp01.dgn  
 REF: 236cnp01.dgn  
 REF: 236cnp01.dgn  
 REF: 236cnp01.dgn

FAH ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70	*	MADISON	420	58
STA. 10+00		TO STA. 14+00		
CONTRACT NO.: 76709				
• 60-10K-1, 60-10HB				

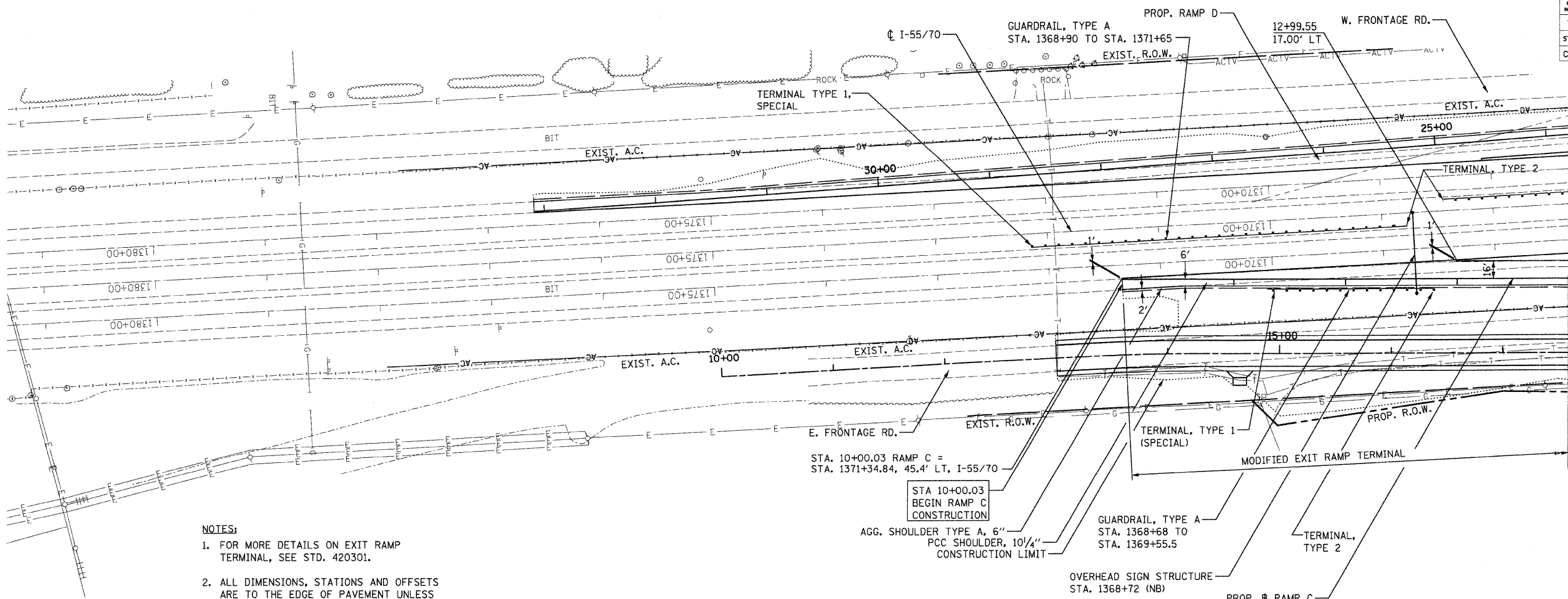


MATCH LINE AT STA. 14+00 (RAMP C)



PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	REVISIONS	
	NO. 1	
	NO. 2	
	NO. 3	
	NO. 4	
	NO. 5	
	NO. 6	
	NO. 7	
	NO. 8	
	NO. 9	
	NO. 10	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	REVISIONS	
	NO. 1	
	NO. 2	
	NO. 3	
	NO. 4	
	NO. 5	
	NO. 6	
	NO. 7	
	NO. 8	
	NO. 9	
	NO. 10	



- NOTES:**
- FOR MORE DETAILS ON EXIT RAMP TERMINAL, SEE STD. 420301.
  - ALL DIMENSIONS, STATIONS AND OFFSETS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

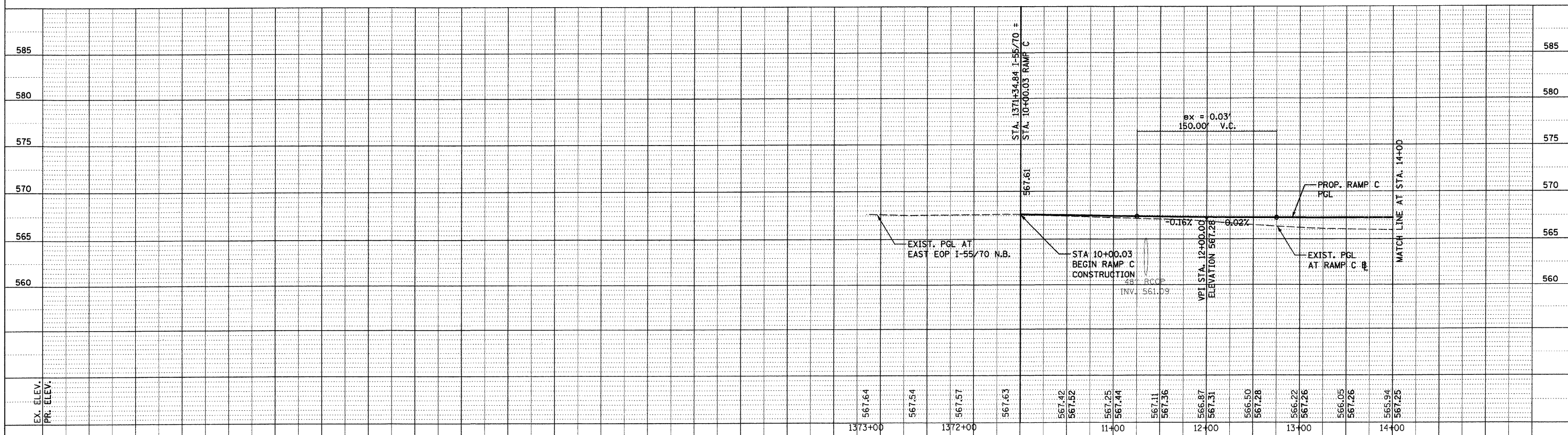
STA. 10+00.03 RAMP C =  
STA. 1371+34.84, 45.4' LT, I-55/70

STA 10+00.03  
BEGIN RAMP C  
CONSTRUCTION

AGG. SHOULDER TYPE A, 6"  
PCC SHOULDER, 10 1/4"  
CONSTRUCTION LIMIT

GUARDRAIL, TYPE A  
STA. 1368+68 TO  
STA. 1369+55.5

OVERHEAD SIGN STRUCTURE  
STA. 1368+72 (NB)

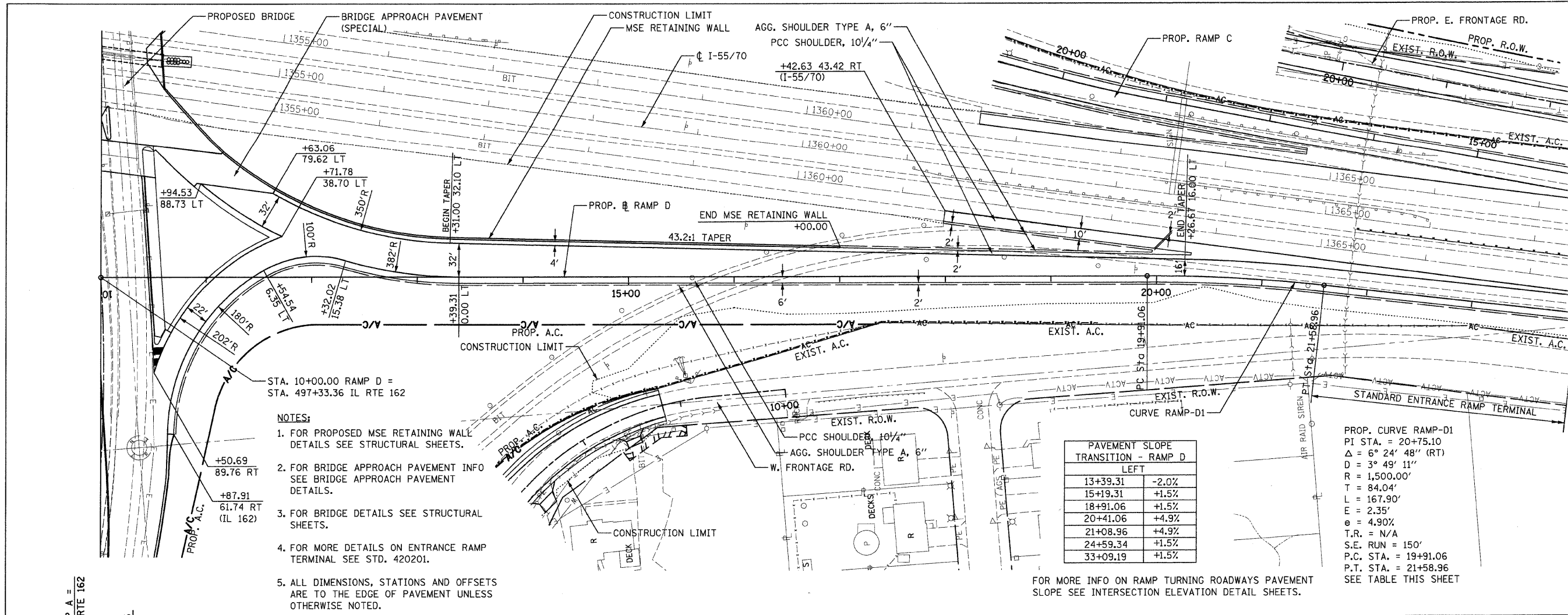


**PROPOSED PLAN & PROFILE - 13  
RAMP C**

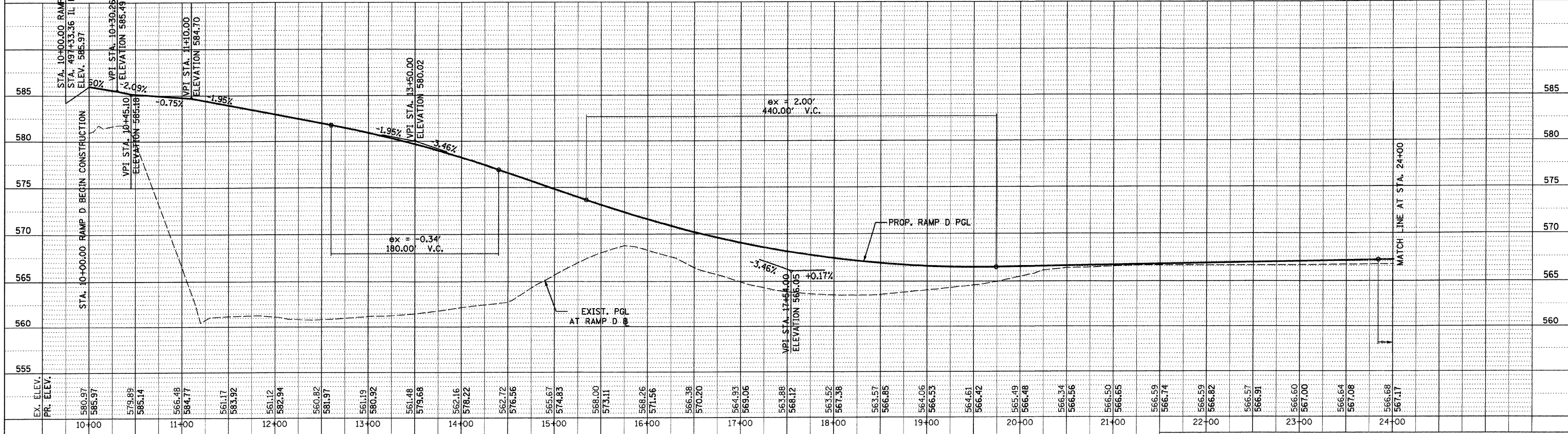
DATE-TIME  
DGN-SPEC  
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REF: 236e0101.dgn  
REF: 236e0102.dgn  
REF: 236e0103.dgn  
REF: 236e0104.dgn  
REF: 236e0105.dgn  
REF: 236e0106.dgn  
REF: 236e0107.dgn  
REF: 236e0108.dgn  
REF: 236e0109.dgn  
REF: 236e0110.dgn



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



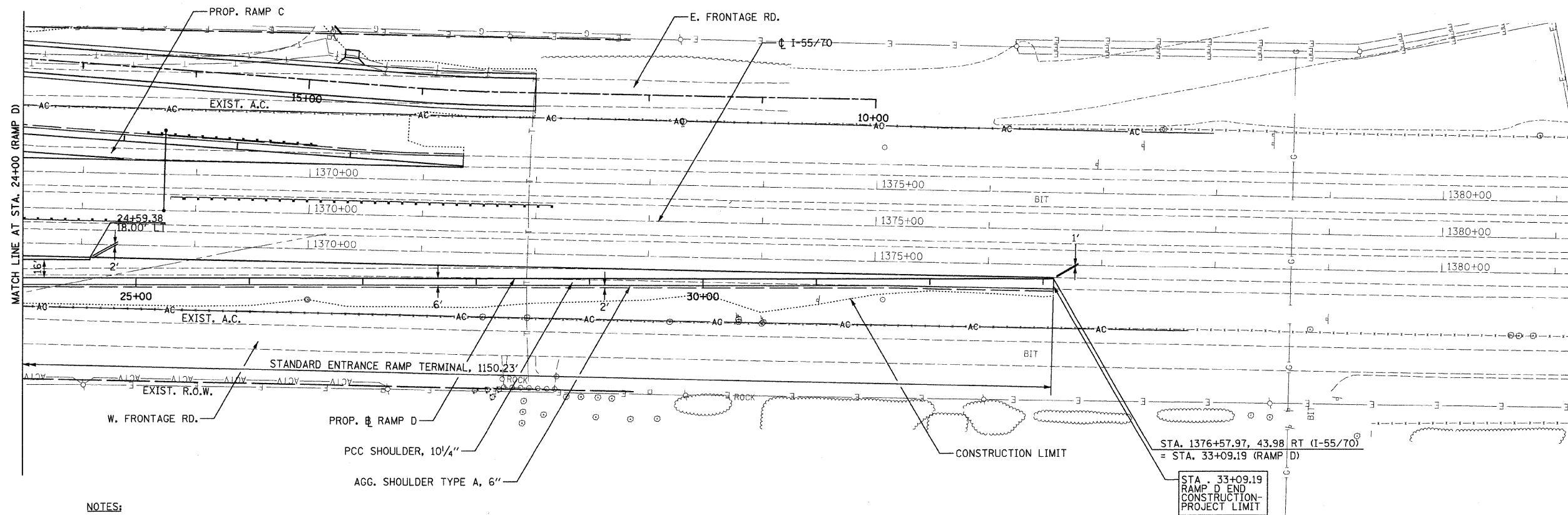
- NOTES:**
- FOR PROPOSED MSE RETAINING WALL DETAILS SEE STRUCTURAL SHEETS.
  - FOR BRIDGE APPROACH PAVEMENT INFO SEE BRIDGE APPROACH PAVEMENT DETAILS.
  - FOR BRIDGE DETAILS SEE STRUCTURAL SHEETS.
  - FOR MORE DETAILS ON ENTRANCE RAMP TERMINAL SEE STD. 420201.
  - ALL DIMENSIONS, STATIONS AND OFFSETS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.



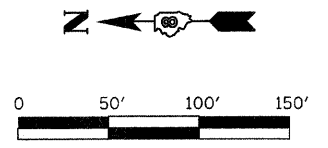
**PROPOSED PLAN & PROFILE - 15 RAMP D**

DATE-TIME\*  
 DGN-SPEC\*  
 REF- 236c01d01.dgn  
 REF- 236c01d01.dgn  
 REF- 236c01d01.dgn  
 REF- 236c01d01.dgn  
 REF- 236c01d01.dgn

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	*	MADISON	420	61
STA. 24+00		TO STA. 33+09.19		
CONTRACT NO.: 76709				
* 60-10K-1, 60-10HB				

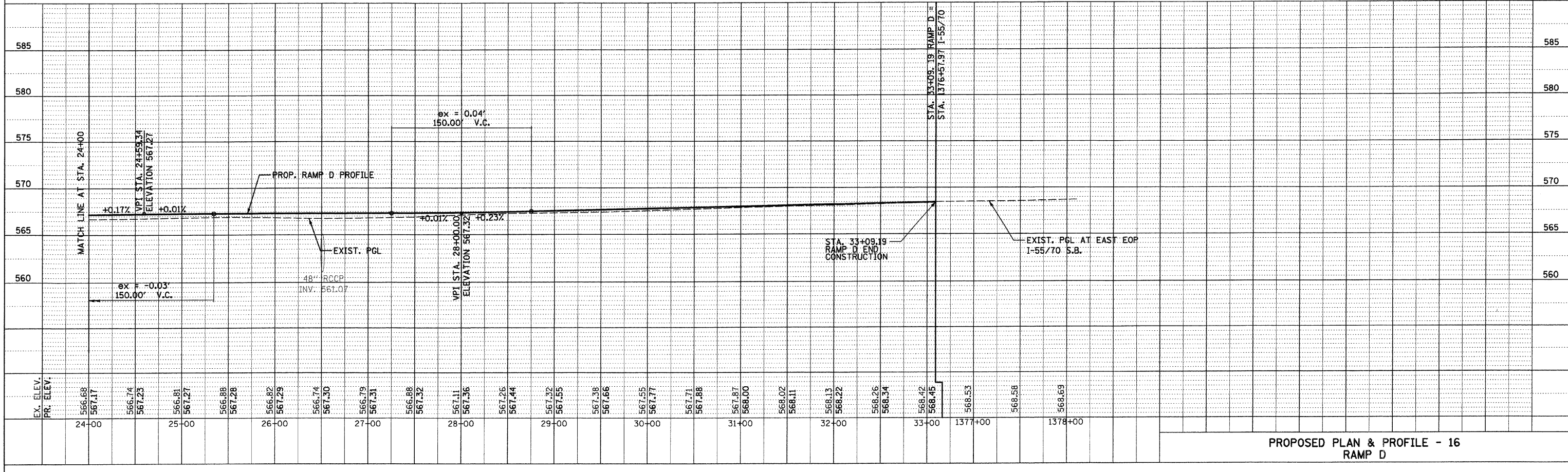


- NOTES:**
- FOR MORE DETAILS ON ENTRANCE RAMP TERMINAL SEE STD. 420201.
  - ALL DIMENSIONS, STATIONS AND OFFSETS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	DATE	
	NO. OF MAY CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	DATE	
	NO. OF MAY CHECKED	
	STRUCTURE NOTATIONS CHKD	



PROPOSED PLAN & PROFILE - 16  
RAMP D

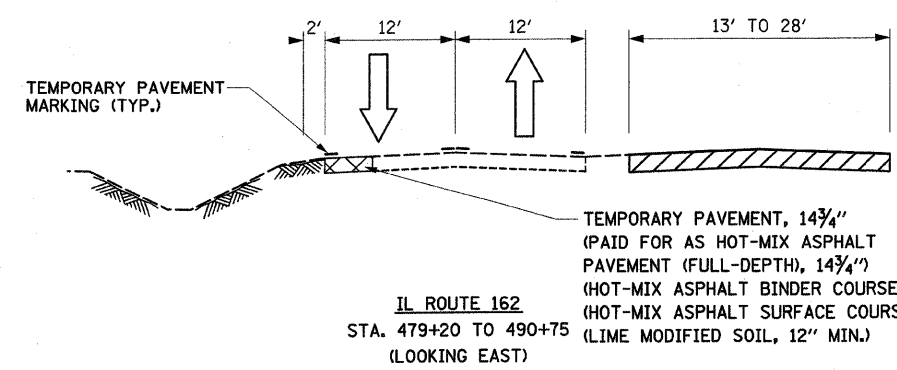
\*DATE-TIME\*  
\*DGN-SPEC\*  
\*REF- 236cctd01.dgn  
\*REF- 236cctd02.dgn  
\*REF- 236cctd03.dgn  
\*REF- 236cctd04.dgn  
\*REF- 236cctd05.dgn  
\*REF- 236cctd06.dgn





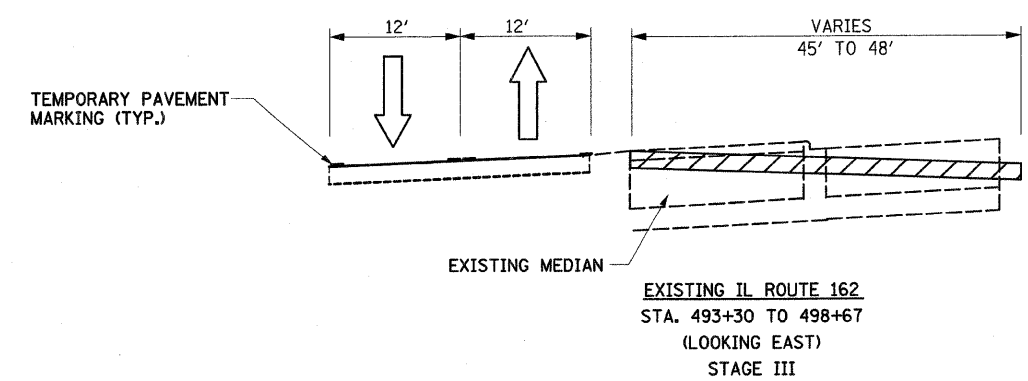


FILE ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	*	MADISON	420	64
STA. 11+17.45		TO STA. 51+37.00		
CONTRACT NO.: 76709				
• 60-10K-1, 60-10HB				

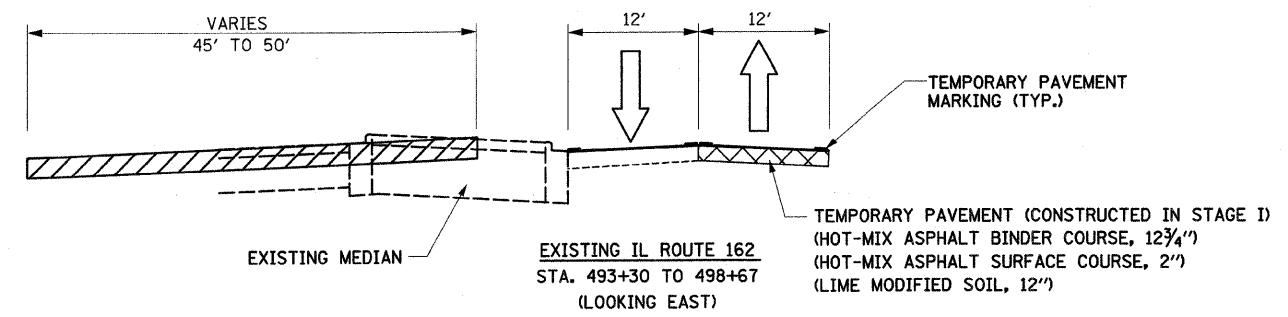


**IL ROUTE 162**  
 STA. 479+20 TO 490+75  
 (LOOKING EAST)

TEMPORARY PAVEMENT, 14 3/4"  
 (PAID FOR AS HOT-MIX ASPHALT  
 PAVEMENT (FULL-DEPTH), 14 3/4")  
 (HOT-MIX ASPHALT BINDER COURSE, 12 3/4")  
 (HOT-MIX ASPHALT SURFACE COURSE, 2")  
 (LIME MODIFIED SOIL, 12" MIN.)

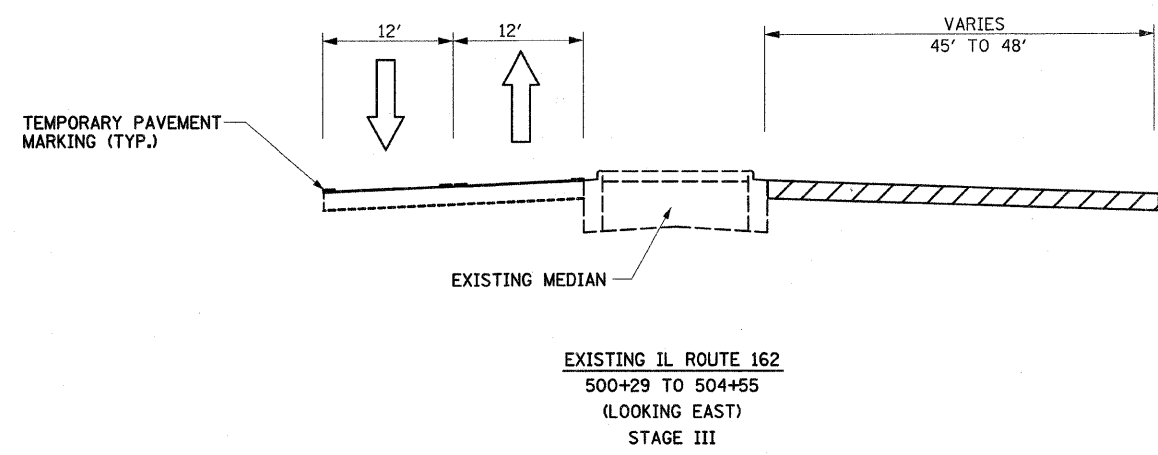


**EXISTING IL ROUTE 162**  
 STA. 493+30 TO 498+67  
 (LOOKING EAST)  
 STAGE III

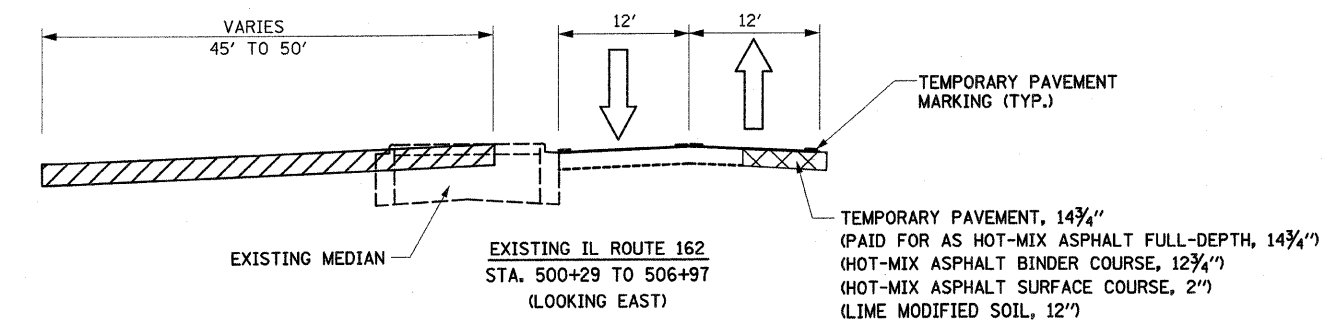


**EXISTING IL ROUTE 162**  
 STA. 493+30 TO 498+67  
 (LOOKING EAST)

TEMPORARY PAVEMENT (CONSTRUCTED IN STAGE I)  
 (HOT-MIX ASPHALT BINDER COURSE, 12 3/4")  
 (HOT-MIX ASPHALT SURFACE COURSE, 2")  
 (LIME MODIFIED SOIL, 12")



**EXISTING IL ROUTE 162**  
 500+29 TO 504+55  
 (LOOKING EAST)  
 STAGE III



**EXISTING IL ROUTE 162**  
 STA. 500+29 TO 506+97  
 (LOOKING EAST)

TEMPORARY PAVEMENT, 14 3/4"  
 (PAID FOR AS HOT-MIX ASPHALT FULL-DEPTH, 14 3/4")  
 (HOT-MIX ASPHALT BINDER COURSE, 12 3/4")  
 (HOT-MIX ASPHALT SURFACE COURSE, 2")  
 (LIME MODIFIED SOIL, 12")

PLAN	DATE
BY	
DESIGNED	
CHECKED	
NOTED	
PLANNED	
FILED	
NO.	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC - 3**  
**TYPICAL SECTIONS STAGE II & III**  
**IL ROUTE 162**

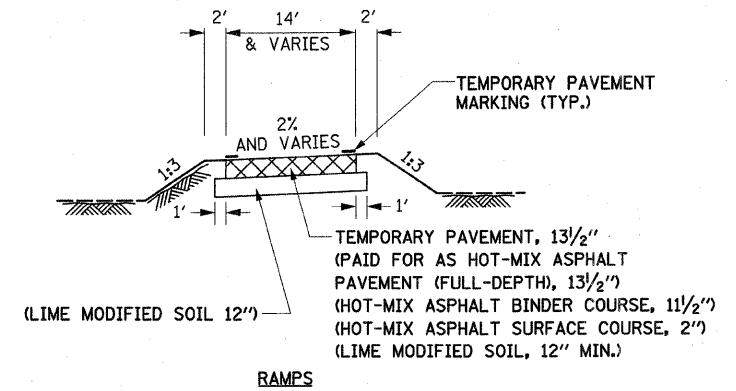
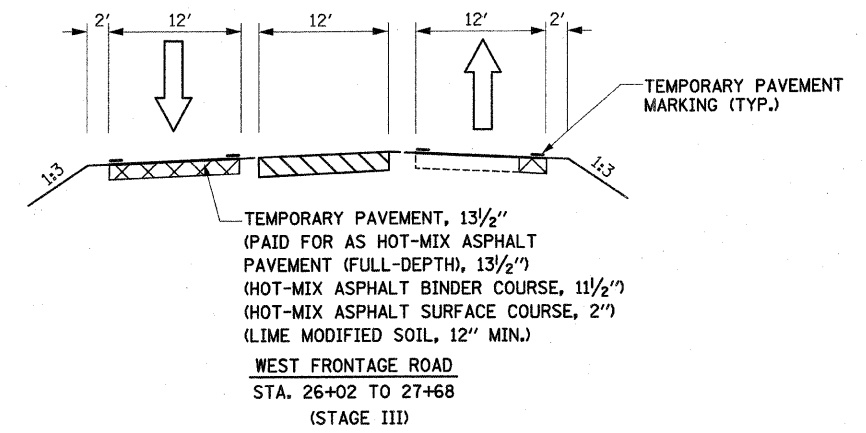
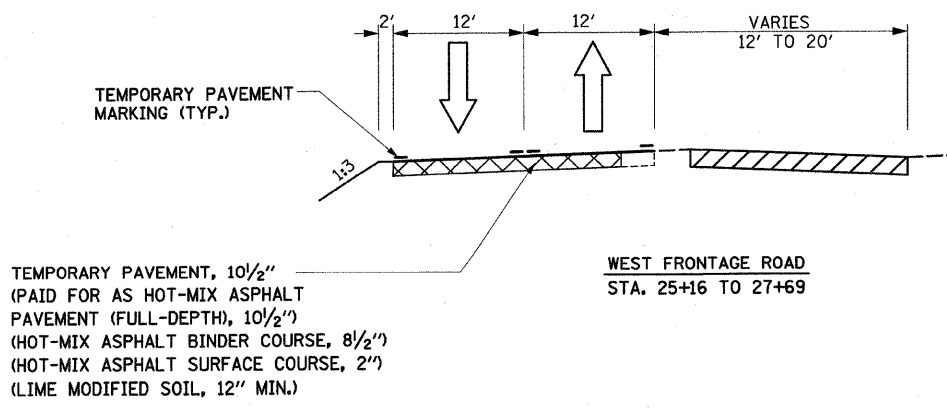
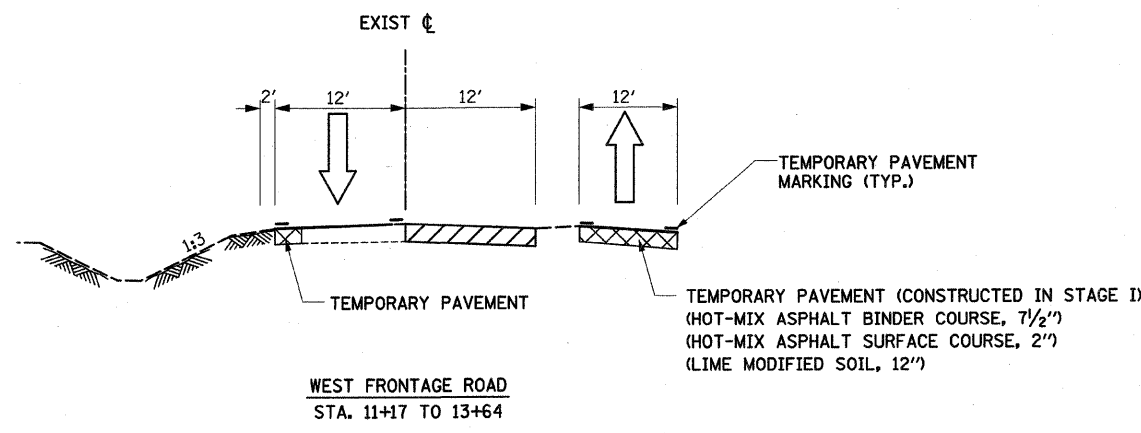
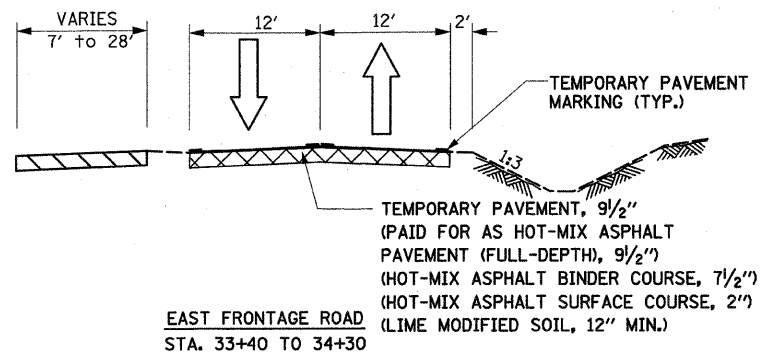
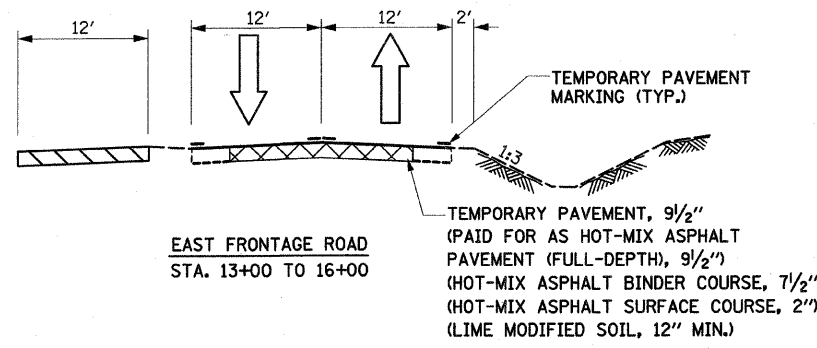
FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

DRAWN BY: GRH

PLOT DATE: \*DATE-TIME\*

\*DIM-SPEC\*  
 \*REF-  
 \*REF-

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



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC - 4  
 TYPICAL SECTIONS STAGE II & III  
 FRONTAGE ROADS**

FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

DRAWN BY: GRH

PLOT DATE: \*DATE-TIME\*



FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	*	MADISON	420	67
STA.	TO STA.			
CONTRACT NO.: 76709			60-10K-1,60-10HB	

**I-55/70**

**I-70 WESTBOUND**

1. SETUP STANDARD 701400 AND STANDARD 701401 TO CHANNEL TRAFFIC INTO LEFT LANE, PRIOR TO I-270 MERGE.

2. SET UP STANDARD 701411 ON EASTBOUND I-270 TO WESTBOUND I-70 ENTRANCE RAMP.

**I-55 SOUTHBOUND**

1. SETUP STANDARD 701400 AND STANDARD 701401 TO CHANNEL TRAFFIC INTO LEFT LANE, PRIOR TO WESTBOUND I-70 MERGE.

2. SET UP STANDARD 701411 FOR I-70 WESTBOUND AT ENTRANCE RAMP TO I-55 SOUTHBOUND.

THIS RIGHT LANE CLOSURE EXTENDS FROM THE BEGINNING OF THE AUXILIARY LANE CONSTRUCTION TO THE END OF CONSTRUCTION OF THE SOUTHBOUND/WESTBOUND ENTRANCE RAMP.

**LEGEND:**

- EXISTING OR NEW PAVEMENT USED FOR MAINTENANCE OF TRAFFIC
- CONSTRUCTION LIMITS DURING STAGE
- DIRECTION OF TRAFFIC ARROW
- NEW PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY TRAFFIC SIGN

**RAMPS**

**STAGE I TRAFFIC**

1. SETUP MODIFIED RAMP ENTRANCE AND EXIT TERMINALS IN ACCORDANCE WITH STANDARD 701411 FOR RAMPS A & B. USE STANDARD 701401 (LANE CLOSURE, FREEWAY/EXPRESSWAY) FOR SB AUXILIARY LANE CONSTRUCTION.

2. TRAFFIC USES EXISTING RAMPS A & B WITH MODIFIED ENTRANCE AND EXIT.

**STAGE I CONSTRUCTION**

1. CONSTRUCT NEW EXIT TERMINAL FOR RAMP A AND SOUTHBOUND AUXILIARY LANE.

2. AFTER EAST FRONTAGE ROAD IS COMPLETED FROM STA. 44+00 TO STA. 51+30, MODIFY TRAFFIC STAGING TO USE NEW FRONTAGE ROAD AND CONSTRUCT NEW ENTRANCE TERMINAL FOR RAMP B, FROM STA. 18+50 TO STA. 33+90.

**FRONTAGE ROADS**

**STAGE I TRAFFIC**

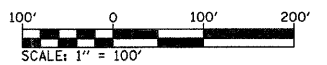
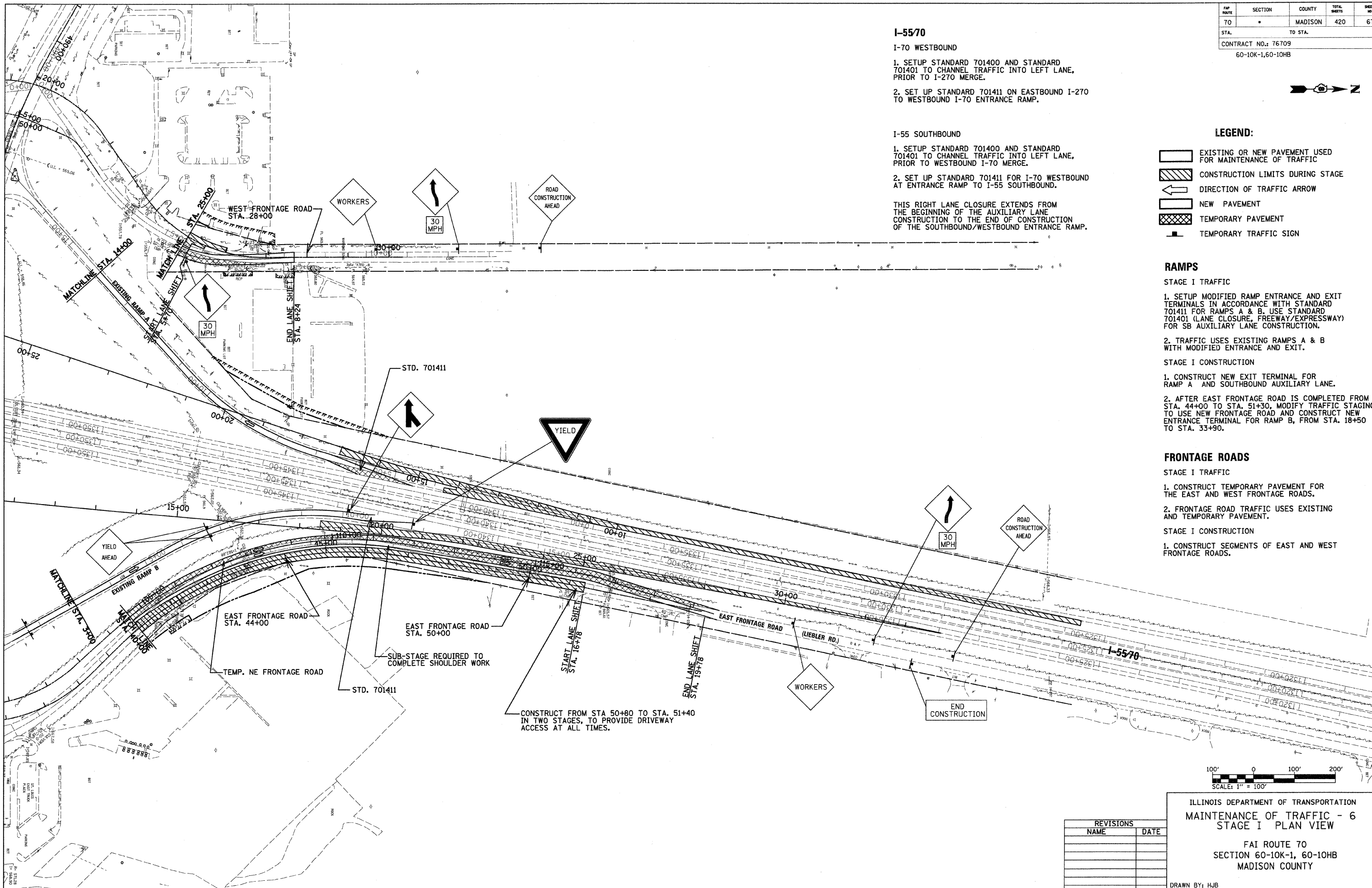
1. CONSTRUCT TEMPORARY PAVEMENT FOR THE EAST AND WEST FRONTAGE ROADS.

2. FRONTAGE ROAD TRAFFIC USES EXISTING AND TEMPORARY PAVEMENT.

**STAGE I CONSTRUCTION**

1. CONSTRUCT SEGMENTS OF EAST AND WEST FRONTAGE ROADS.

PLAN	SURVEYED	DATE
NO.	BY	
	PLOTTED	
	REVISIONS	
	NOTE BOOK	
	FILE NAME	
	CADD FILE NAME	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC - 6**  
**STAGE I PLAN VIEW**

FAI ROUTE 70  
SECTION 60-10K-1, 60-10HB  
MADISON COUNTY

DRAWN BY: HJB  
PLOT DATE: \*DATE-TIME\*

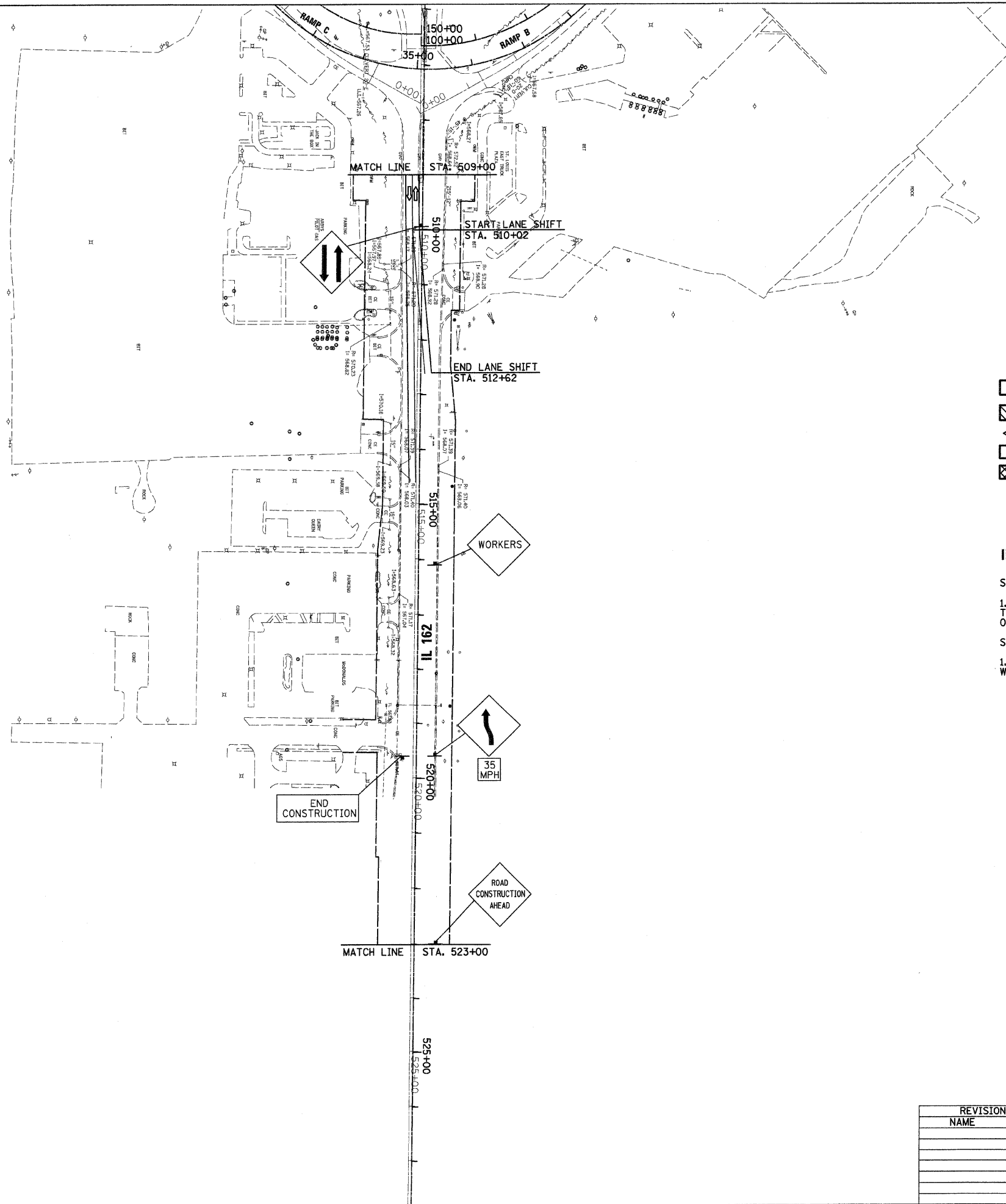
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\*REF\*



FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70	*	MADISON	420	69
STA.		TO STA.		
CONTRACT NO.: 76709				
* 60-10K-1,60-10HB				



PLAN	SURVISED	DATE
NOTE BOOK NO.	PLOTTED	
	BY	
	DATE	
	FILE NAME	



**LEGEND:**

- EXISTING OR NEW PAVEMENT USED FOR MAINTENANCE OF TRAFFIC
- CONSTRUCTION LIMITS DURING STAGE
- DIRECTION OF TRAFFIC ARROW
- NEW PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY TRAFFIC SIGN

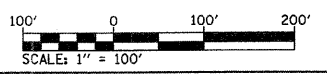
**IL ROUTE 162**

**STAGE I TRAFFIC**

1. TRAFFIC IS CHANNELIZED INTO TWO LANES TO LINE UP WITH STAGE I TRAFFIC LANES WEST OF STA. 509+00.

**STAGE I CONSTRUCTION**

1. CONSTRUCTION ON IL. 162 OCCURS IN WESTBOUND LANES, WEST OF STA. 509+00.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC - 8**  
**STAGE I PLAN VIEW**  
 FAP ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

DRAWN BY: HJB







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\*DATE-TIME\*  
 \*DON-SPEC\*  
 \*REF\*  
 \*REV\*



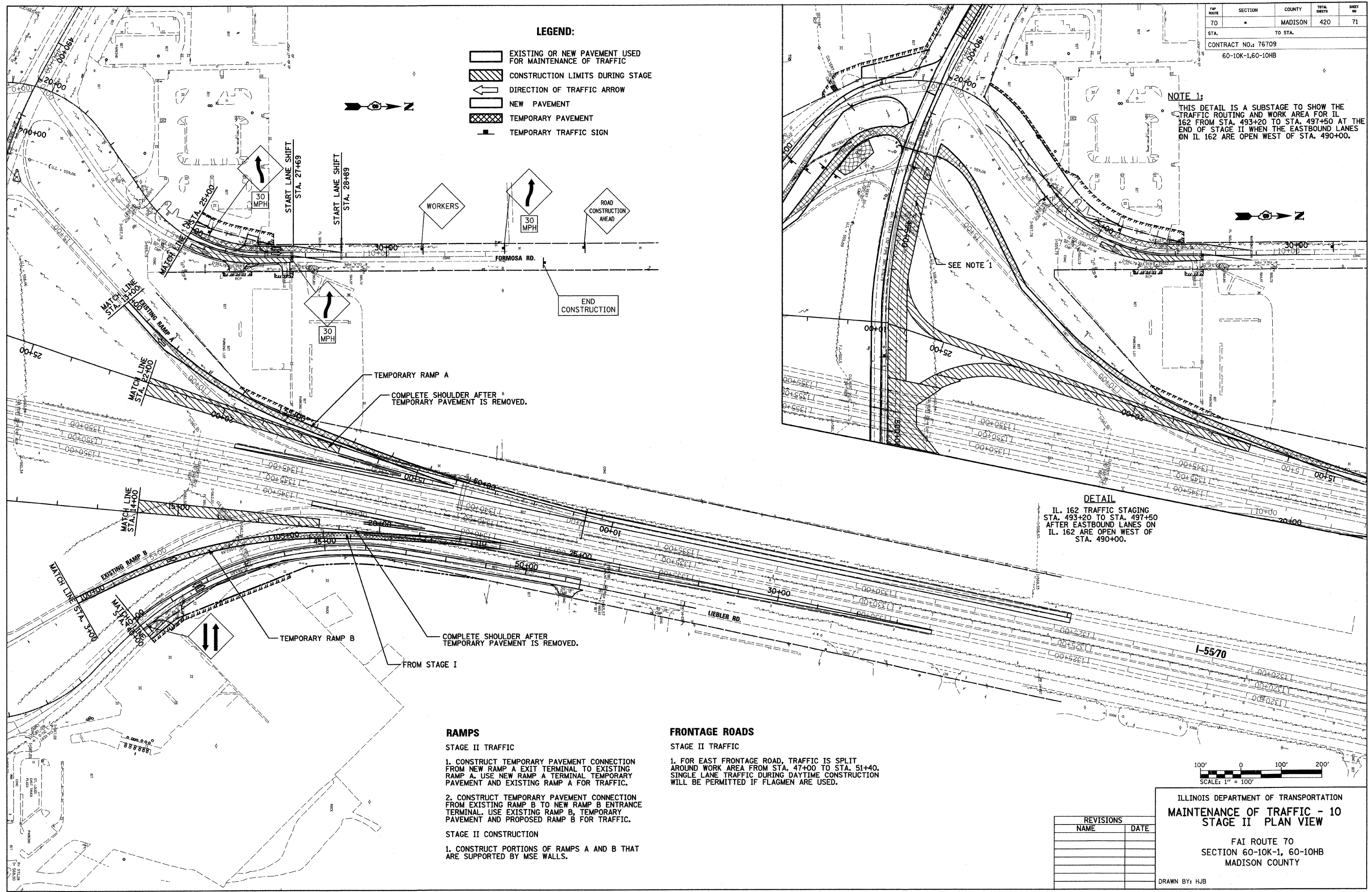
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		MADISON	420	71
STA.	TO STA.			
CONTRACT NO.: 76709				
60-10K-1,60-10HB				

**LEGEND:**

-  EXISTING OR NEW PAVEMENT USED FOR MAINTENANCE OF TRAFFIC
-  CONSTRUCTION LIMITS DURING STAGE
-  DIRECTION OF TRAFFIC ARROW
-  NEW PAVEMENT
-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC SIGN

**NOTE 1:**  
THIS DETAIL IS A SUBSTAGE TO SHOW THE TRAFFIC ROUTING AND WORK AREA FOR IL 162 FROM STA. 493+20 TO STA. 497+50 AT THE END OF STAGE II WHEN THE EASTBOUND LANES ON IL 162 ARE OPEN WEST OF STA. 490+00.

PLAN	DATE
REVISION	BY
NOTED	
ALIGNED	
CHECKED	
DATE	
FILE NAME	



**DETAIL**  
IL 162 TRAFFIC STAGING  
STA. 493+20 TO STA. 497+50  
AFTER EASTBOUND LANES ON  
IL 162 ARE OPEN WEST OF  
STA. 490+00.

**RAMPS**

**STAGE II TRAFFIC**

1. CONSTRUCT TEMPORARY PAVEMENT CONNECTION FROM NEW RAMP A EXIT TERMINAL TO EXISTING RAMP A. USE NEW RAMP A TERMINAL TEMPORARY PAVEMENT AND EXISTING RAMP A FOR TRAFFIC.
2. CONSTRUCT TEMPORARY PAVEMENT CONNECTION FROM EXISTING RAMP B TO NEW RAMP B ENTRANCE TERMINAL. USE EXISTING RAMP B, TEMPORARY PAVEMENT AND PROPOSED RAMP B FOR TRAFFIC.

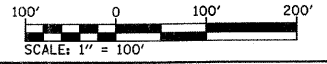
**STAGE II CONSTRUCTION**

1. CONSTRUCT PORTIONS OF RAMPS A AND B THAT ARE SUPPORTED BY MSE WALLS.

**FRONTAGE ROADS**

**STAGE II TRAFFIC**

1. FOR EAST FRONTAGE ROAD, TRAFFIC IS SPLIT AROUND WORK AREA FROM STA. 47+00 TO STA. 51+40. SINGLE LANE TRAFFIC DURING DAYTIME CONSTRUCTION WILL BE PERMITTED IF FLAGMEN ARE USED.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC - 10**  
**STAGE II PLAN VIEW**

FAI ROUTE 70  
SECTION 60-10K-1, 60-10HB  
MADISON COUNTY

DRAWN BY: HJB

PLOT DATE: \*DATE-TIME\*

\*DON-SPEC\*  
\*REF-\*





FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	*	MADISON	420	73
STA. 70		TO STA.		
CONTRACT NO.: 76709				
* 60-10K-1,60-10HB				



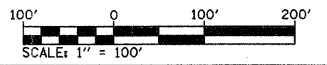
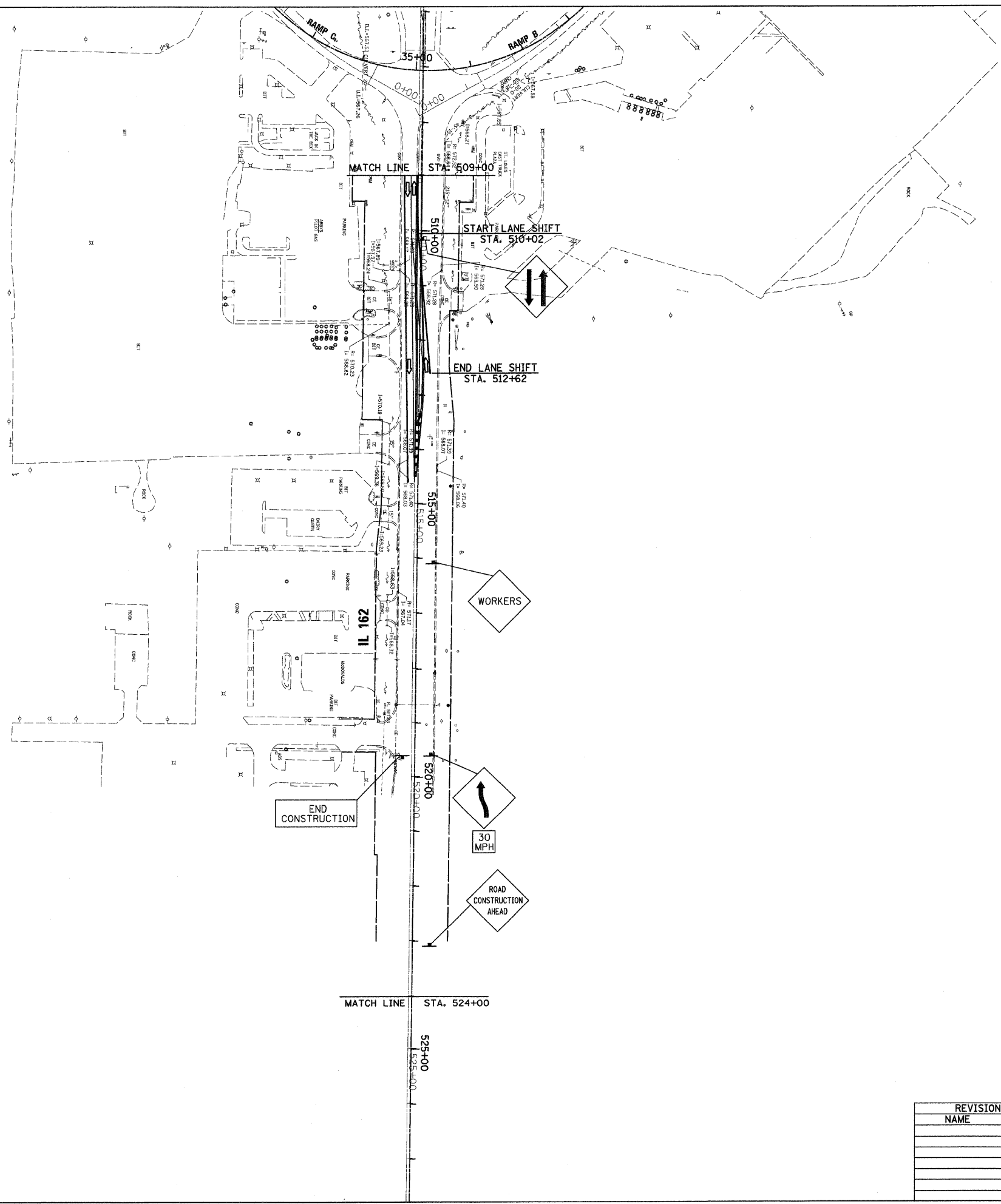
**LEGEND:**

- EXISTING OR NEW PAVEMENT USED FOR MAINTENANCE OF TRAFFIC
- CONSTRUCTION LIMITS DURING STAGE
- DIRECTION OF TRAFFIC ARROW
- NEW PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY TRAFFIC SIGN

**IL ROUTE 162**

- STAGE II TRAFFIC**
1. TRAFFIC IS CHANNELIZED INTO TWO LANES TO LINE UP WITH STAGE II TRAFFIC WEST OF STA. 509+00.
- STAGE II CONSTRUCTION**
1. CONSTRUCTION OF WESTBOUND TRAFFIC LANES ON IL. ROUTE 162 OCCURS WEST OF STA. 509+00.

PLAN	REVISIONS	DATE
NO.	BY	
	DATE	
	BY	
	DATE	
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	DATE	
	BY	
	DATE	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC - 12**  
**STAGE II PLAN VIEW**

FAP ROUTE 70  
SECTION 60-10K-1, 60-10HB  
MADISON COUNTY

DRAWN BY: HJB

PLOT DATE: \*DATE-TIME\*



FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		MADISON	420	75
STA. TO STA.		CONTRACT NO.: 76709		
		60-10K-1,60-10HB		



**LEGEND:**

- EXISTING OR NEW PAVEMENT USED FOR MAINTENANCE OF TRAFFIC
- CONSTRUCTION LIMITS DURING STAGE
- DIRECTION OF TRAFFIC ARROW
- NEW PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY TRAFFIC SIGN

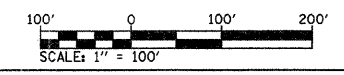
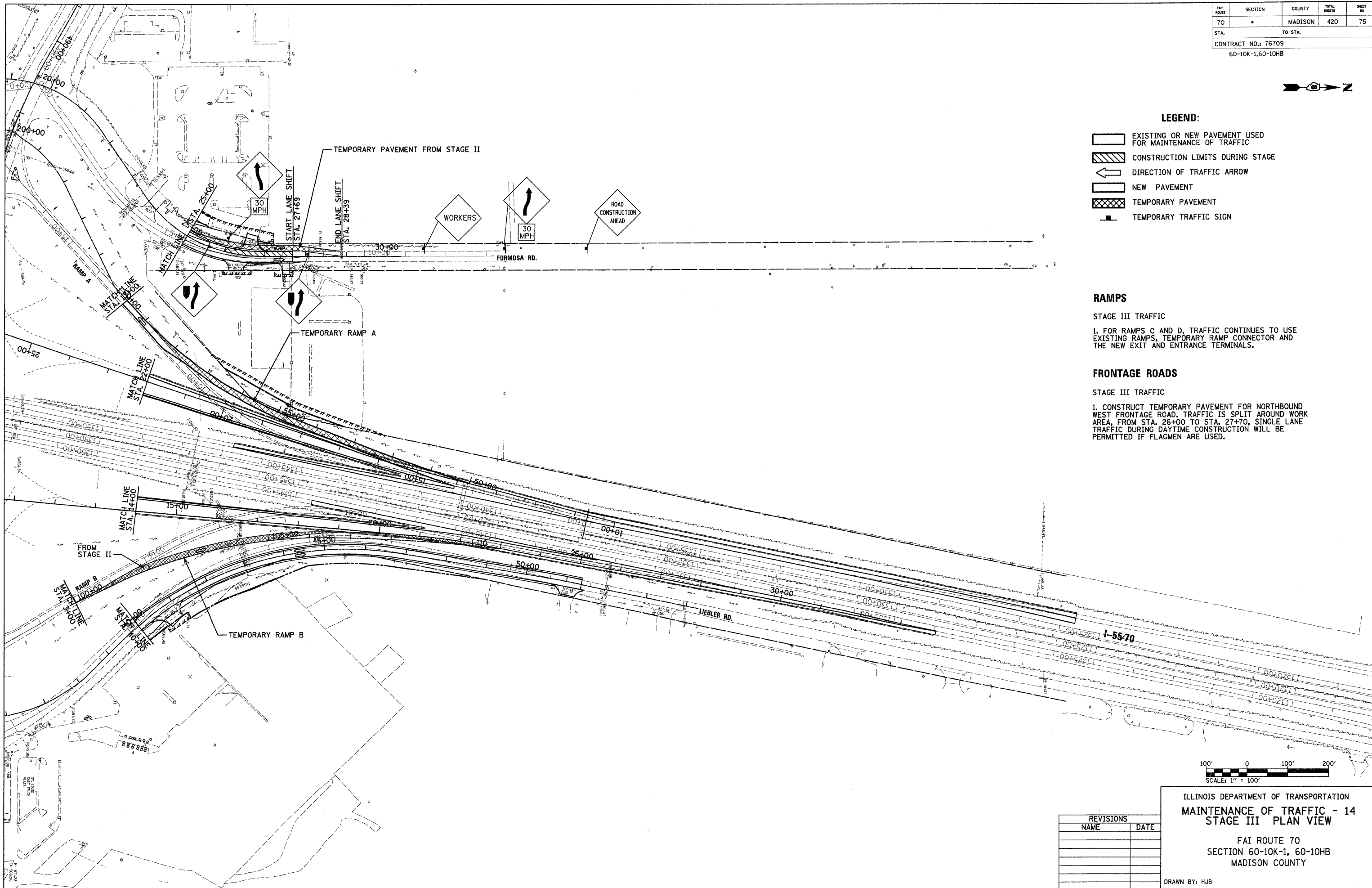
**RAMPS**

STAGE III TRAFFIC  
 1. FOR RAMPS C AND D, TRAFFIC CONTINUES TO USE EXISTING RAMPS, TEMPORARY RAMP CONNECTOR AND THE NEW EXIT AND ENTRANCE TERMINALS.

**FRONTAGE ROADS**

STAGE III TRAFFIC  
 1. CONSTRUCT TEMPORARY PAVEMENT FOR NORTHBOUND WEST FRONTAGE ROAD. TRAFFIC IS SPLIT AROUND WORK AREA, FROM STA. 26+00 TO STA. 27+70, SINGLE LANE TRAFFIC DURING DAYTIME CONSTRUCTION WILL BE PERMITTED IF FLAGMEN ARE USED.

PLAN	DATE
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DATE	
BY	
REVISIONS	
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC - 14**  
**STAGE III PLAN VIEW**

FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY







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DATE-TIME\*  
 PLOTTED BY  
 CHECKED BY  
 REF.

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70		MADISON	420	76
STA. TO STA.				
CONTRACT NO.: 76709				
60-10K-1, 60-10HB				



**LEGEND:**

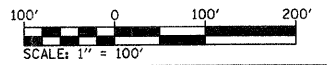
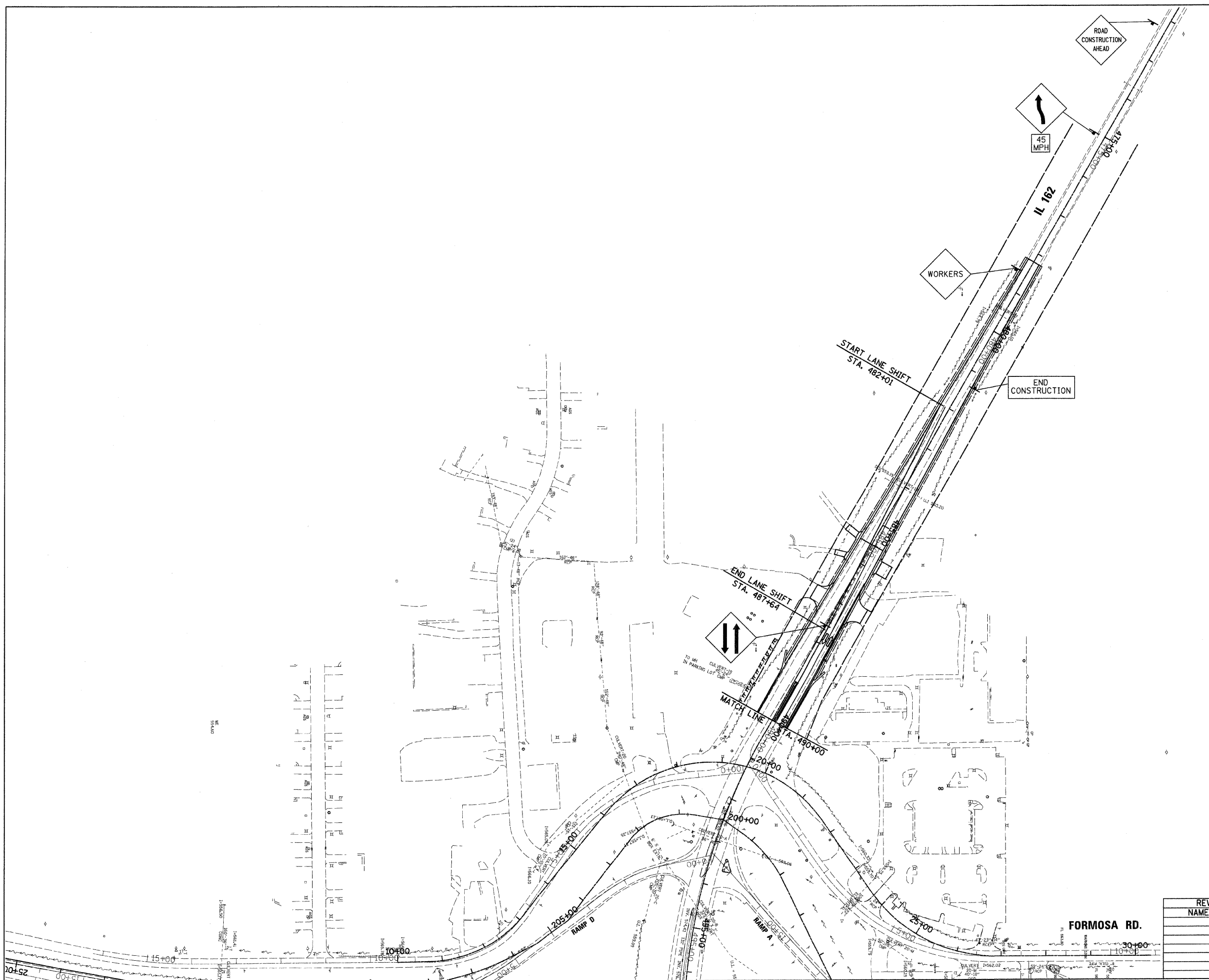
-  EXISTING OR NEW PAVEMENT USED FOR MAINTENANCE OF TRAFFIC
-  CONSTRUCTION LIMITS DURING STAGE
-  DIRECTION OF TRAFFIC ARROW
-  NEW PAVEMENT
-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC SIGN

**IL ROUTE 162**

**STAGE III TRAFFIC**

1. TRAFFIC USES WESTBOUND LANES DURING CONSTRUCTION OF EASTBOUND LANES, EAST OF STA. 490+00.

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



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC - 15**  
**STAGE III PLAN VIEW**

FAP ROUTE 70  
SECTION 60-10K-1, 60-10HB  
MADISON COUNTY

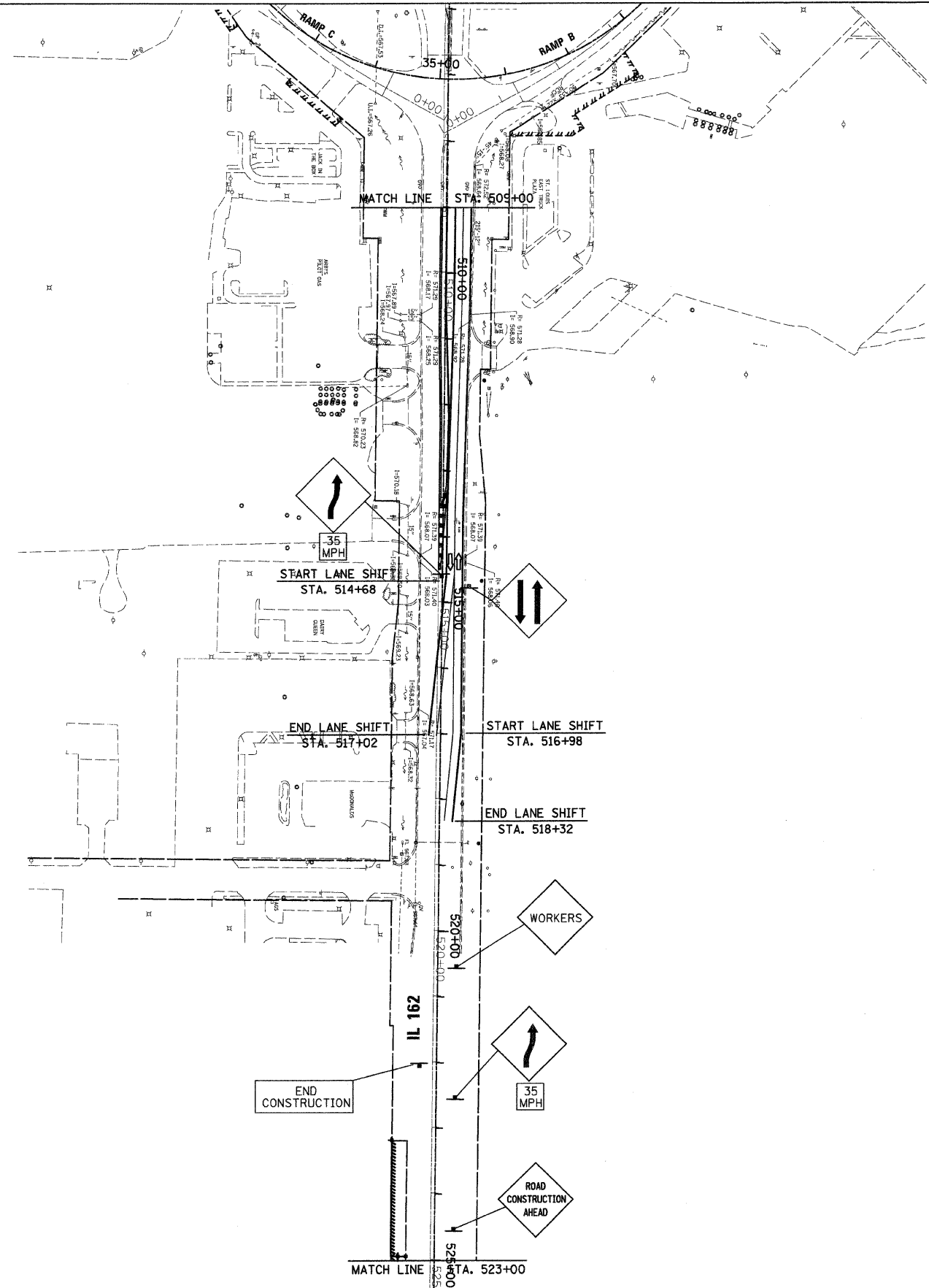
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\*REF\*  
\*REF\*

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70	*	MADISON	420	77
STA.		TO STA.		
CONTRACT NO.: 76709				
* 60-10K-1, 60-10HB				



PLAN	SURVEYED	DATE
NO.	BY	
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	NO.	
	DATE	

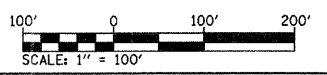


**LEGEND:**

- EXISTING OR NEW PAVEMENT USED FOR MAINTENANCE OF TRAFFIC
- CONSTRUCTION LIMITS DURING STAGE
- DIRECTION OF TRAFFIC ARROW
- NEW PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY TRAFFIC SIGN

**IL ROUTE 162**

- STAGE III TRAFFIC**
1. TRAFFIC IS CHANNELIZED INTO TWO NEW WESTBOUND LANES TO LINE UP WITH STAGE III TRAFFIC WEST OF STA. 509+00.
- STAGE III CONSTRUCTION**
1. CONSTRUCTION OF NEW EASTBOUND TRAFFIC LANES ON IL. ROUTE 162 OCCURS WEST OF STA. 509+00.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC - 16**  
**STAGE III PLAN VIEW**

FAP ROUTE 70  
SECTION 60-10K-1, 60-10HB  
MADISON COUNTY

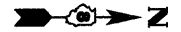
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70	*	MADISON	420	78
STA. TO STA.		CONTRACT NO.: 76709		
		* 60-10K-1, 60-10HB		

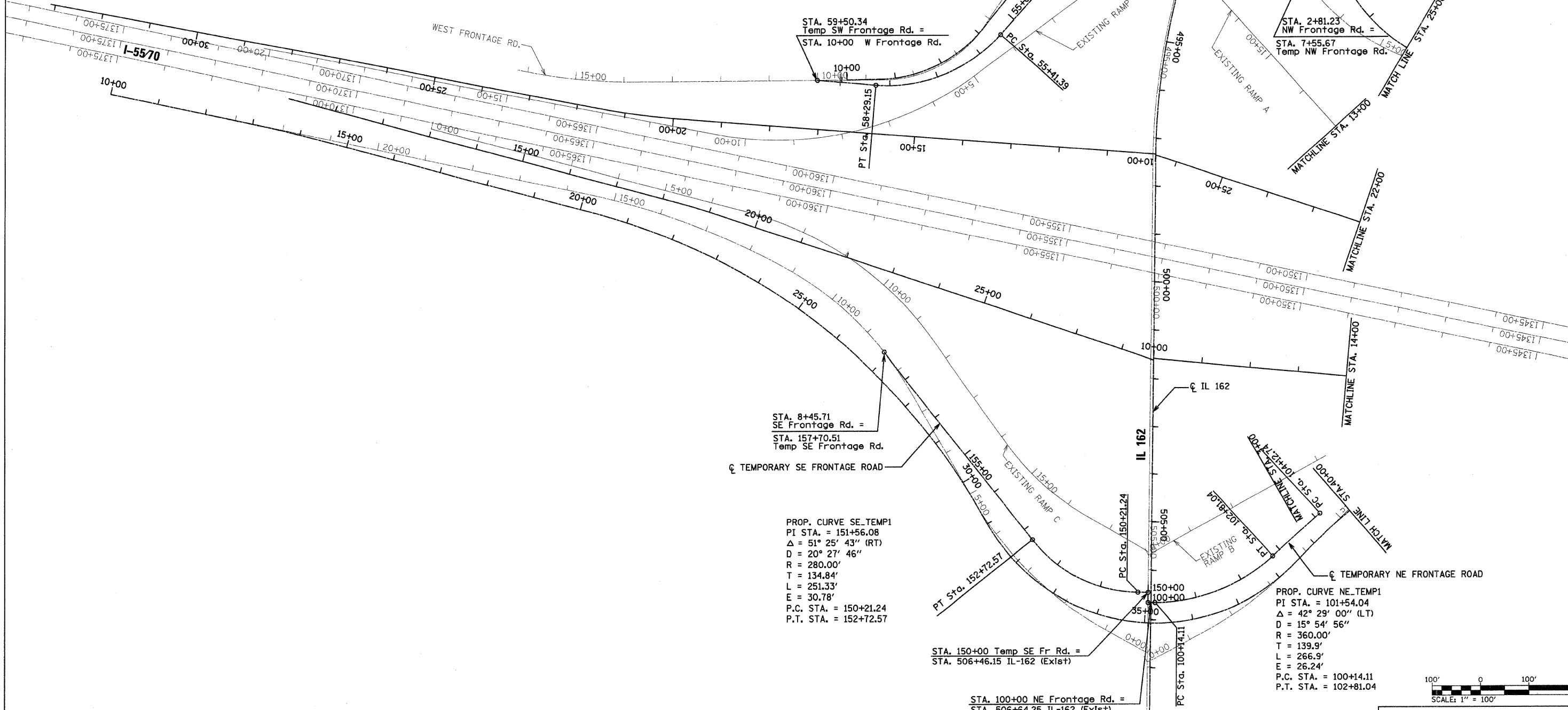
STA. 50+00  
 Temp SW Frontage Rd. =  
 STA. 5+00 Temp NW Frontage Rd. =  
 STA. 492+06.40 IL 162  
 TEMPORARY SW FRONTAGE ROAD

PROP. CURVE SW\_TEMP2  
 PI STA. = 56+96.57  
 $\Delta = 53^\circ 11' 08''$  (RT)  
 $D = 18^\circ 28' 57''$   
 $R = 310.00'$   
 $T = 155.19'$   
 $L = 287.76'$   
 $E = 36.67'$   
 $e = 7.60\%$   
 $T.R. = 160'$   
 $S.E. RUN = N.A.$   
 $P.C. STA. = 55+41.39$   
 $P.T. STA. = 58+29.15$

PROP. CURVE NW\_TEMP1  
 PI STA. = 6+50.12  
 $\Delta = 32^\circ 35' 55''$  (RT)  
 $D = 71^\circ 37' 11''$   
 $R = 80.00'$   
 $T = 23.39'$   
 $L = 45.52'$   
 $E = 3.35'$   
 $P.C. STA. = 6+26.73$   
 $P.T. STA. = 6+72.25$



PLAN	SURVEYED	DATE
	PLOTTED	
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	NO.	
	DATE	



STA. 59+50.34  
 Temp SW Frontage Rd. =  
 STA. 10+00 W Frontage Rd.

STA. 2+81.23  
 NW Frontage Rd. =  
 STA. 7+55.67  
 Temp NW Frontage Rd.

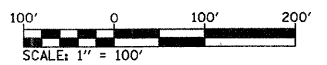
STA. 8+45.71  
 SE Frontage Rd. =  
 STA. 157+70.51  
 Temp SE Frontage Rd.

PROP. CURVE SE\_TEMP1  
 PI STA. = 151+56.08  
 $\Delta = 51^\circ 25' 43''$  (RT)  
 $D = 20^\circ 27' 46''$   
 $R = 280.00'$   
 $T = 134.84'$   
 $L = 251.33'$   
 $E = 30.78'$   
 $P.C. STA. = 150+21.24$   
 $P.T. STA. = 152+72.57$

STA. 150+00 Temp SE Fr Rd. =  
 STA. 506+46.15 IL-162 (Exlst)

STA. 100+00 NE Frontage Rd. =  
 STA. 506+64.25 IL-162 (Exlst)

PROP. CURVE NE\_TEMP1  
 PI STA. = 101+54.04  
 $\Delta = 42^\circ 29' 00''$  (LT)  
 $D = 15^\circ 54' 56''$   
 $R = 360.00'$   
 $T = 139.9'$   
 $L = 266.9'$   
 $E = 26.24'$   
 $P.C. STA. = 100+14.11$   
 $P.T. STA. = 102+81.04$



REVISIONS	
NAME	DATE

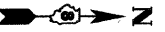
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
**STAGE I TEMPORARY ALIGNMENT**  
 FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

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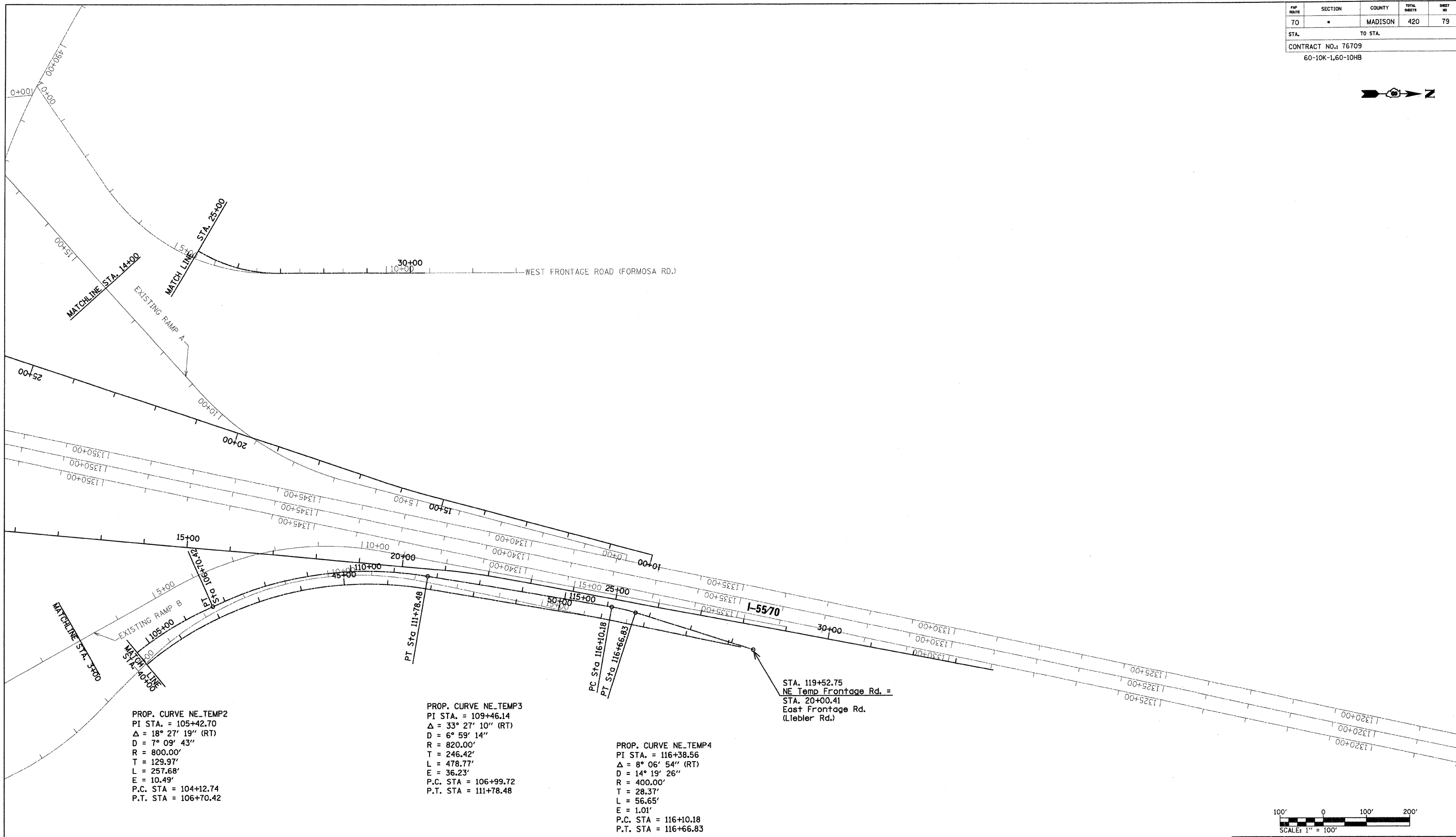
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 \*REF\*

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70		MADISON	420	79
STA.		TO STA.		
CONTRACT NO.: 76709				
60-10K-1,60-10HB				



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

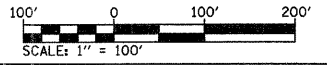


PROP. CURVE NE\_TEMP2  
 PI STA. = 105+42.70  
 $\Delta = 18^\circ 27' 19''$  (RT)  
 D = 7° 09' 43"  
 R = 800.00'  
 T = 129.97'  
 L = 257.68'  
 E = 10.49'  
 P.C. STA = 104+12.74  
 P.T. STA = 106+70.42

PROP. CURVE NE\_TEMP3  
 PI STA. = 109+46.14  
 $\Delta = 33^\circ 27' 10''$  (RT)  
 D = 6° 59' 14"  
 R = 820.00'  
 T = 246.42'  
 L = 478.77'  
 E = 36.23'  
 P.C. STA = 106+99.72  
 P.T. STA = 111+78.48

PROP. CURVE NE\_TEMP4  
 PI STA. = 116+38.56  
 $\Delta = 8^\circ 06' 54''$  (RT)  
 D = 14° 19' 26"  
 R = 400.00'  
 T = 28.37'  
 L = 56.65'  
 E = 1.01'  
 P.C. STA = 116+10.18  
 P.T. STA = 116+66.83

STA. 119+52.75  
 NE Temp Frontage Rd. =  
 STA. 20+00.41  
 East Frontage Rd.  
 (Liebler Rd.)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC  
 STAGE I TEMPORARY ALIGNMENT**  
 FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

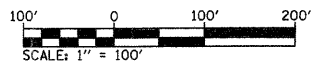
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\*DATE-TIME\*  
 \*DGN-SPEC\*  
 \*REF\*  
 \*REV\*



FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70	*	MADISON	420	80
STA.		TO STA.		
CONTRACT NO.: 76709				
* 60-10K-1, 60-10HB				

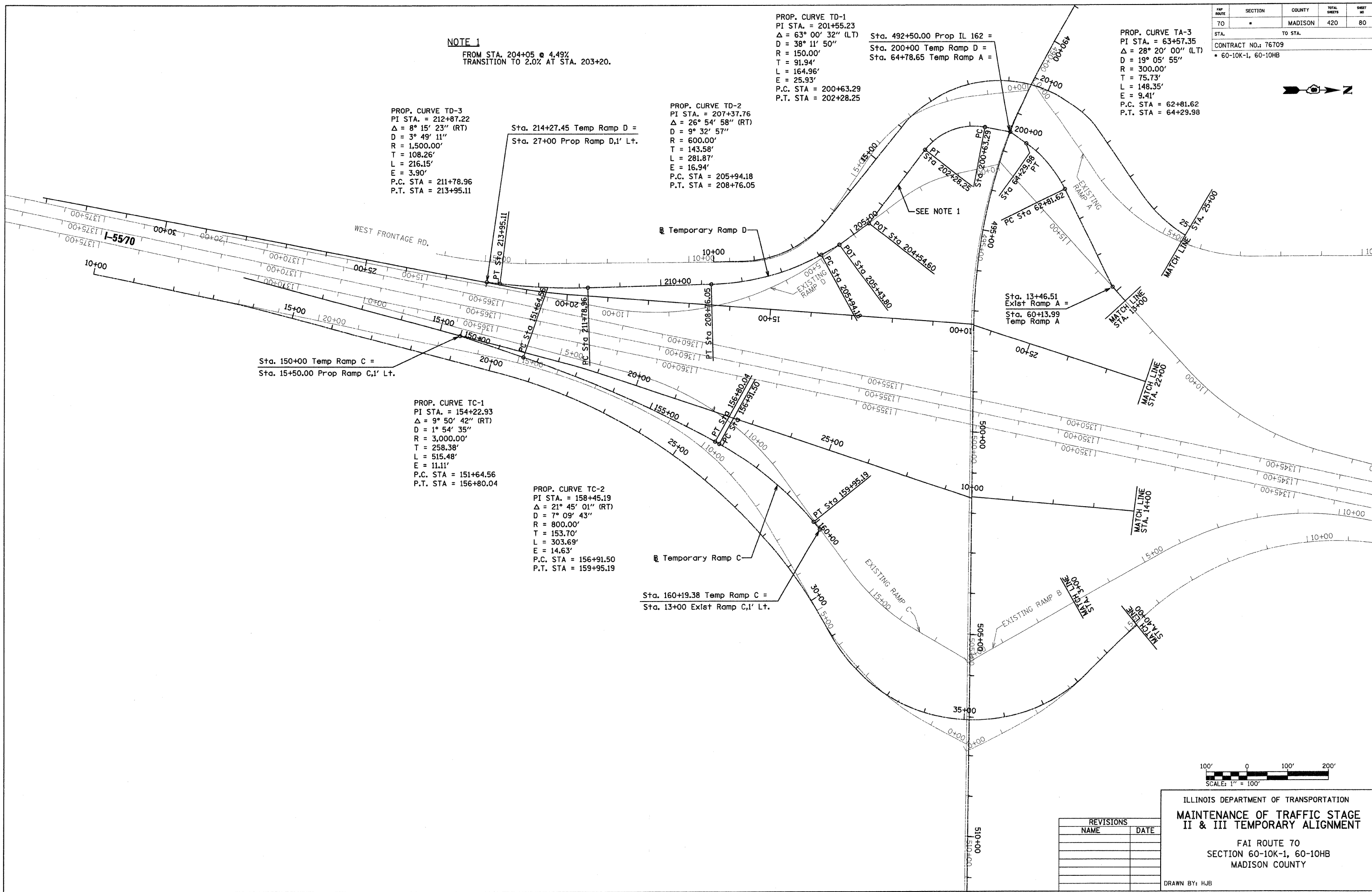


ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC STAGE II & III TEMPORARY ALIGNMENT**  
 FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

DRAWN BY: HJB

PLOT DATE: \*DATE-TIME\*

REVISIONS	
NAME	DATE



PROP. CURVE TA-3  
 PI STA. = 63+57.35  
 $\Delta = 28^\circ 20' 00''$  (LT)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 75.73'$   
 $L = 148.35'$   
 $E = 9.41'$   
 P.C. STA = 62+81.62  
 P.T. STA = 64+29.98

Sta. 492+50.00 Prop IL 162 =  
 Sta. 200+00 Temp Ramp D =  
 Sta. 64+78.65 Temp Ramp A =

PROP. CURVE TD-1  
 PI STA. = 201+55.23  
 $\Delta = 63^\circ 00' 32''$  (LT)  
 $D = 38^\circ 11' 50''$   
 $R = 150.00'$   
 $T = 91.94'$   
 $L = 164.96'$   
 $E = 25.93'$   
 P.C. STA = 200+63.29  
 P.T. STA = 202+28.25

PROP. CURVE TD-2  
 PI STA. = 207+37.76  
 $\Delta = 26^\circ 54' 58''$  (RT)  
 $D = 9^\circ 32' 57''$   
 $R = 600.00'$   
 $T = 143.58'$   
 $L = 281.87'$   
 $E = 16.94'$   
 P.C. STA = 205+94.18  
 P.T. STA = 208+76.05

**NOTE 1**  
 FROM STA. 204+05 @ 4.49%  
 TRANSITION TO 2.0% AT STA. 203+20.

PROP. CURVE TD-3  
 PI STA. = 212+87.22  
 $\Delta = 8^\circ 15' 23''$  (RT)  
 $D = 3^\circ 49' 11''$   
 $R = 1,500.00'$   
 $T = 108.26'$   
 $L = 216.15'$   
 $E = 3.90'$   
 P.C. STA = 211+78.96  
 P.T. STA = 213+95.11

Sta. 214+27.45 Temp Ramp D =  
 Sta. 27+00 Prop Ramp D, 1' Lt.

Sta. 150+00 Temp Ramp C =  
 Sta. 15+50.00 Prop Ramp C, 1' Lt.

PROP. CURVE TC-1  
 PI STA. = 154+22.93  
 $\Delta = 9^\circ 50' 42''$  (RT)  
 $D = 1^\circ 54' 35''$   
 $R = 3,000.00'$   
 $T = 258.38'$   
 $L = 515.48'$   
 $E = 11.11'$   
 P.C. STA = 151+64.56  
 P.T. STA = 156+80.04

PROP. CURVE TC-2  
 PI STA. = 158+45.19  
 $\Delta = 21^\circ 45' 01''$  (RT)  
 $D = 7^\circ 09' 43''$   
 $R = 800.00'$   
 $T = 153.70'$   
 $L = 303.69'$   
 $E = 14.63'$   
 P.C. STA = 156+91.50  
 P.T. STA = 159+95.19

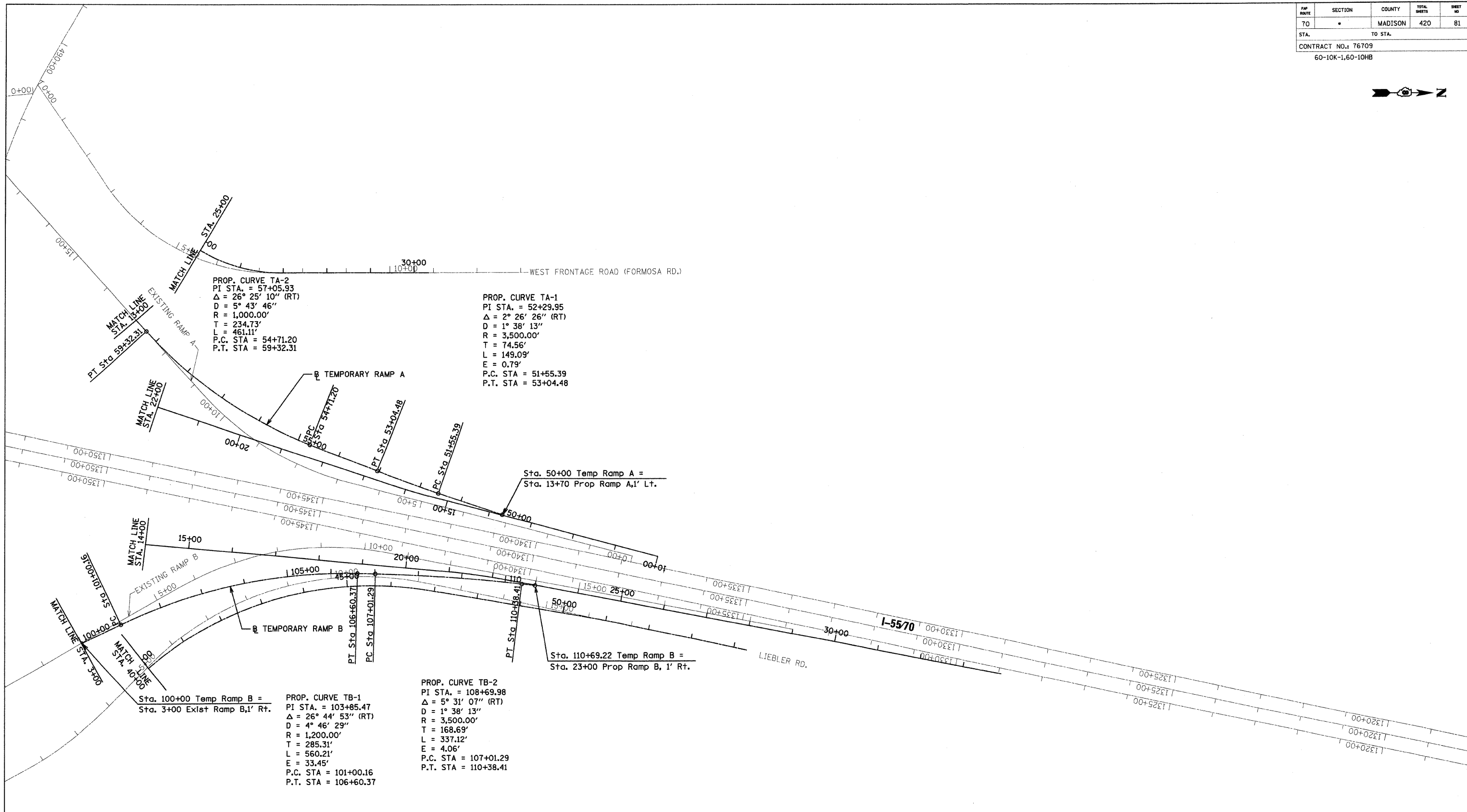
Sta. 160+19.38 Temp Ramp C =  
 Sta. 13+00 Exist Ramp C, 1' Lt.

DATE	
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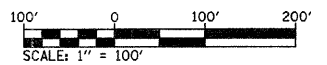


PROP. CURVE TA-2  
 PI STA. = 57+05.93  
 $\Delta = 26^\circ 25' 10''$  (RT)  
 D = 5° 43' 46"  
 R = 1,000.00'  
 T = 234.73'  
 L = 461.11'  
 P.C. STA = 54+71.20  
 P.T. STA = 59+32.31

PROP. CURVE TA-1  
 PI STA. = 52+29.95  
 $\Delta = 2^\circ 26' 26''$  (RT)  
 D = 1° 38' 13"  
 R = 3,500.00'  
 T = 74.56'  
 L = 149.09'  
 E = 0.79'  
 P.C. STA = 51+55.39  
 P.T. STA = 53+04.48

PROP. CURVE TB-1  
 PI STA. = 103+85.47  
 $\Delta = 26^\circ 44' 53''$  (RT)  
 D = 4° 46' 29"  
 R = 1,200.00'  
 T = 285.31'  
 L = 560.21'  
 E = 33.45'  
 P.C. STA = 101+00.16  
 P.T. STA = 106+60.37

PROP. CURVE TB-2  
 PI STA. = 108+69.98  
 $\Delta = 5^\circ 31' 07''$  (RT)  
 D = 1° 38' 13"  
 R = 3,500.00'  
 T = 168.69'  
 L = 337.12'  
 E = 4.06'  
 P.C. STA = 107+01.29  
 P.T. STA = 110+38.41



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC STAGE  
 II & III TEMPORARY ALIGNMENT**

FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

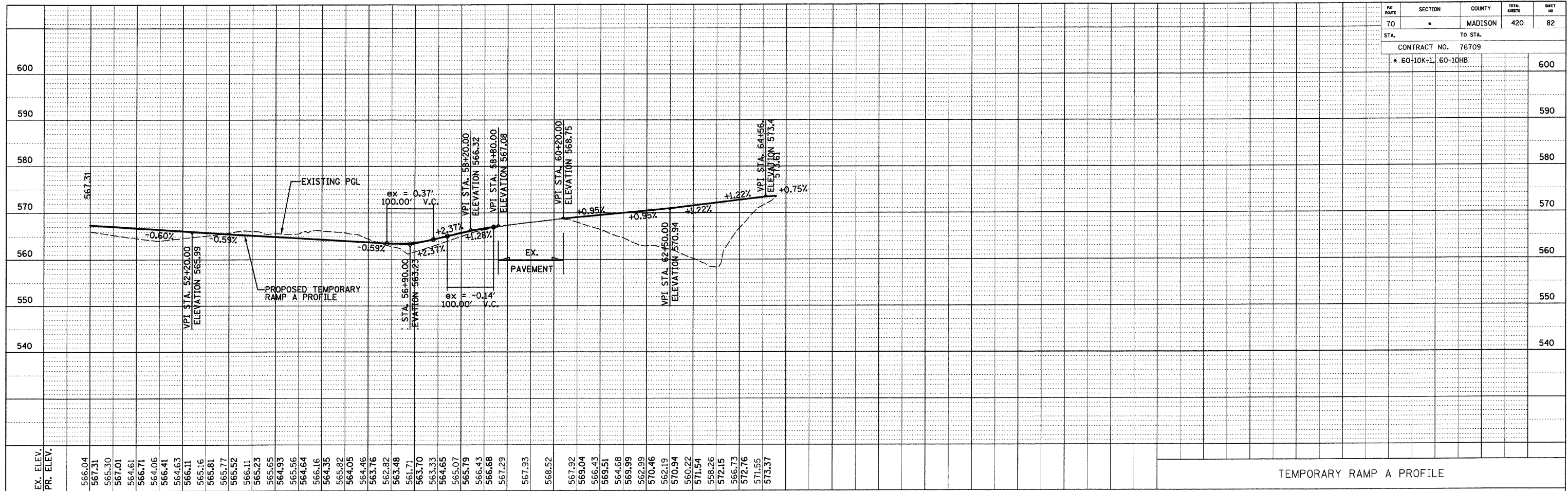
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PLOT DATE: \*DATE-TIME\*

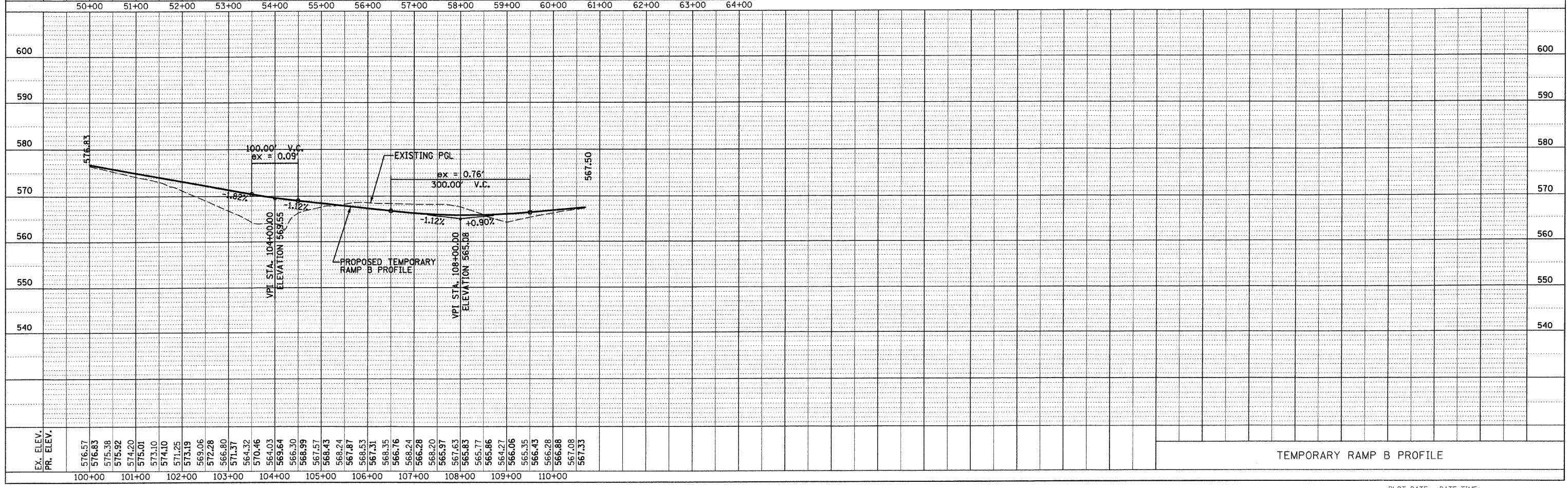
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 \*REF\*  
 \*REF\*

PAR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TO	*	MADISON	420	82
STA.	TO STA.			
CONTRACT NO. 76709				
* 60-10K-1L	60-10HB			600

PLAN	REVIEWED	DATE
NO.	BY	



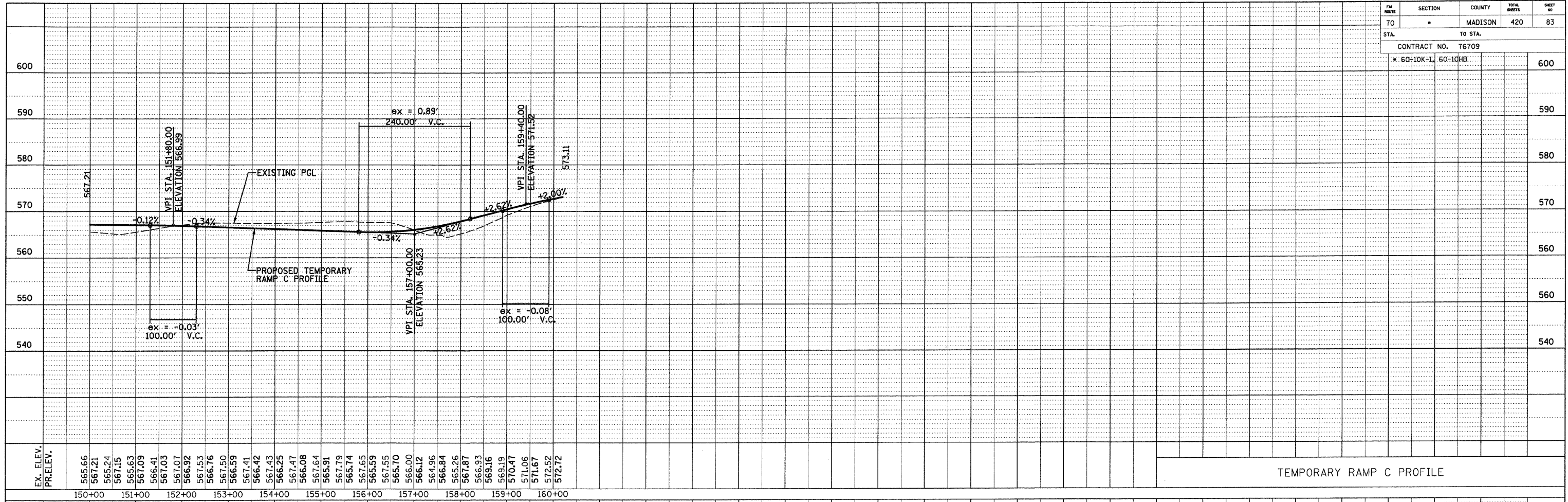
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NO.	BY	



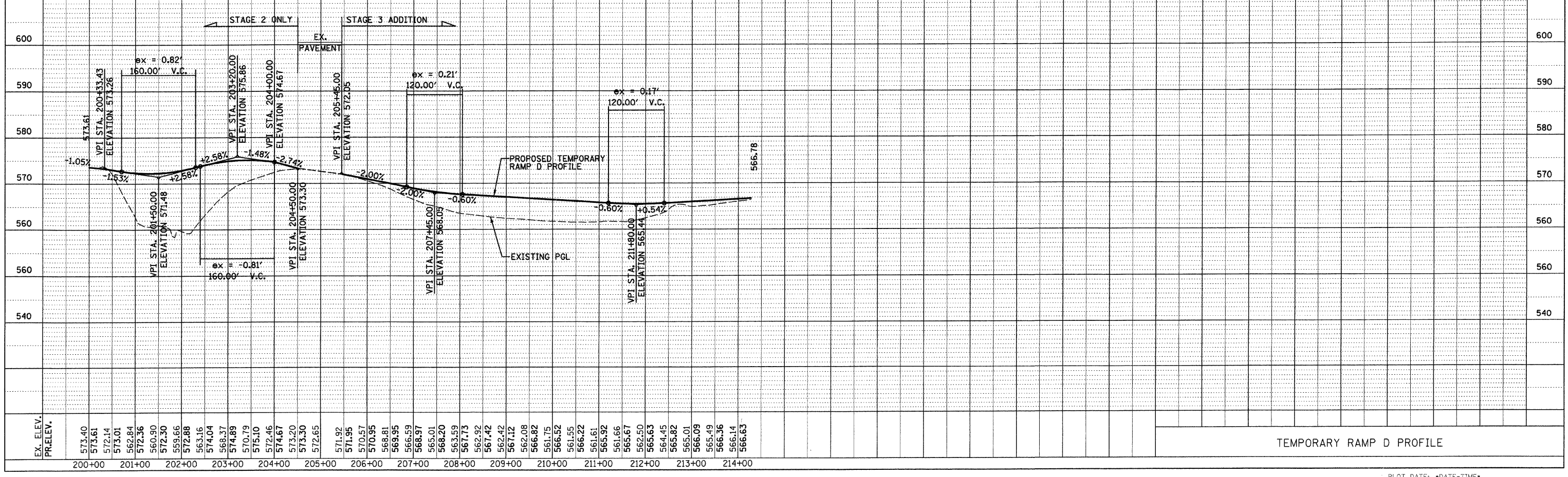
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FM ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	*	MADISON	420	83
STA. TO STA.				
CONTRACT NO. 76709				
* 60+10K-1,	60+10HB,			600

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	FILED	
	REVISION	
	BY	
	DATE	
	NO.	
	DATE	
	BY	
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PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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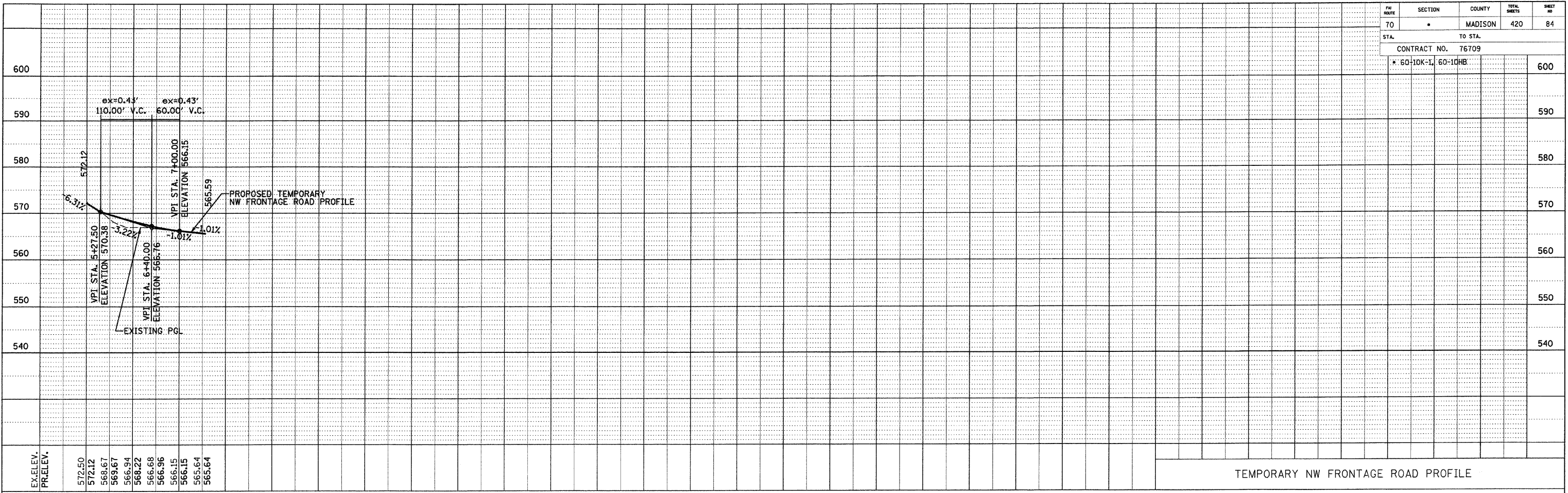
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	PLOTTED		
	CHECKED		
	REVISION		
	NO. OF DAYS CHECKED		
	CADD FILE NAME		
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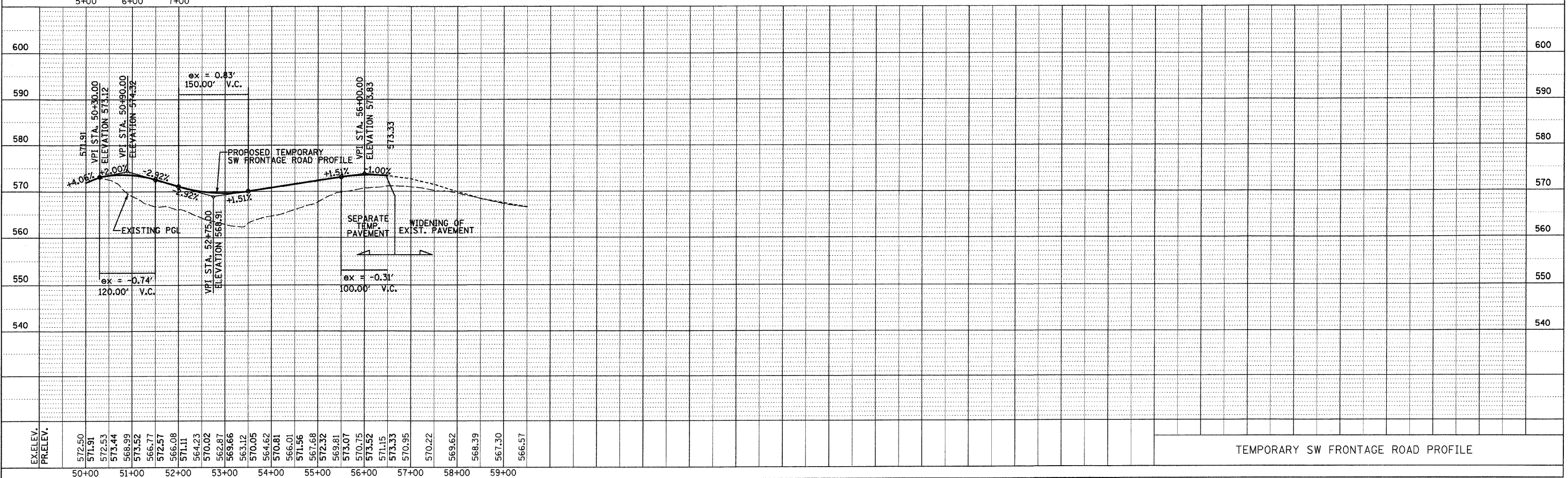
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	STRUCTURE NOTATION CK'D		
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\*DATE\*  
 \*DATE-TIME\*  
 \*NON-SPEC\*  
 \*REF - TEMP-RAMP-PROFILES.DGN

FM	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	*	MADISON	420	84
STA. TO STA.				
CONTRACT NO. 76709				
* 60-10K-L	60-10HB			600



TEMPORARY NW FRONTAGE ROAD PROFILE



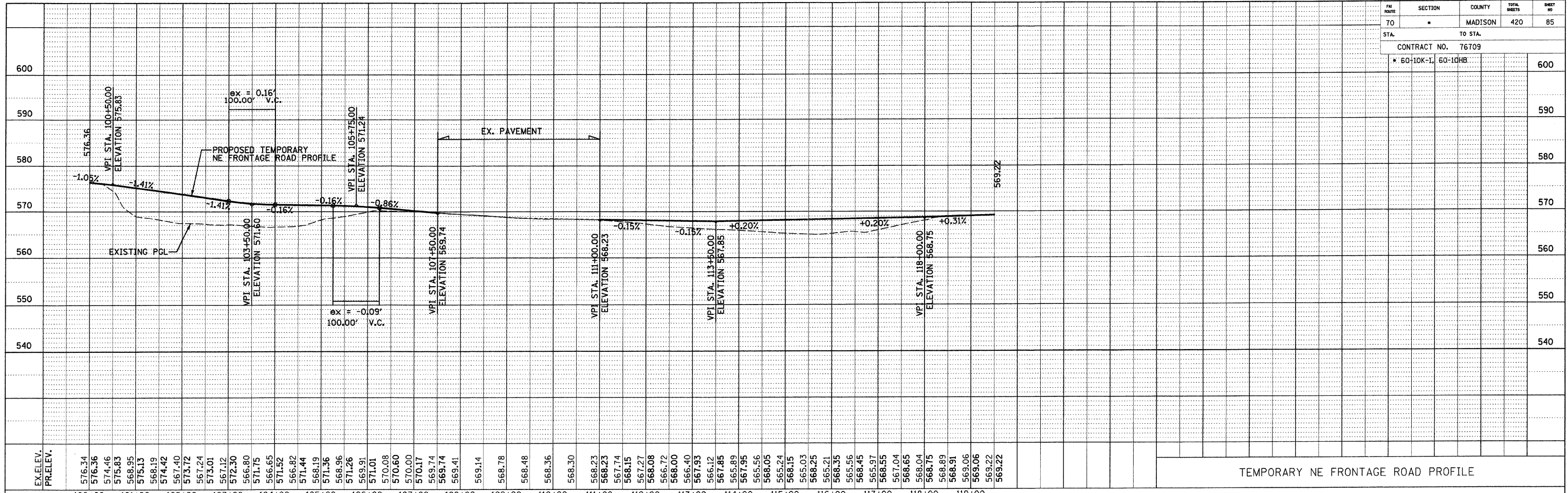
TEMPORARY SW FRONTAGE ROAD PROFILE

PLAN SURVEYED BY DATE  
 PLOTTED BY  
 NOTE BOOK NO. DATE RECORDED  
 NO. OF PAGES CHECKED  
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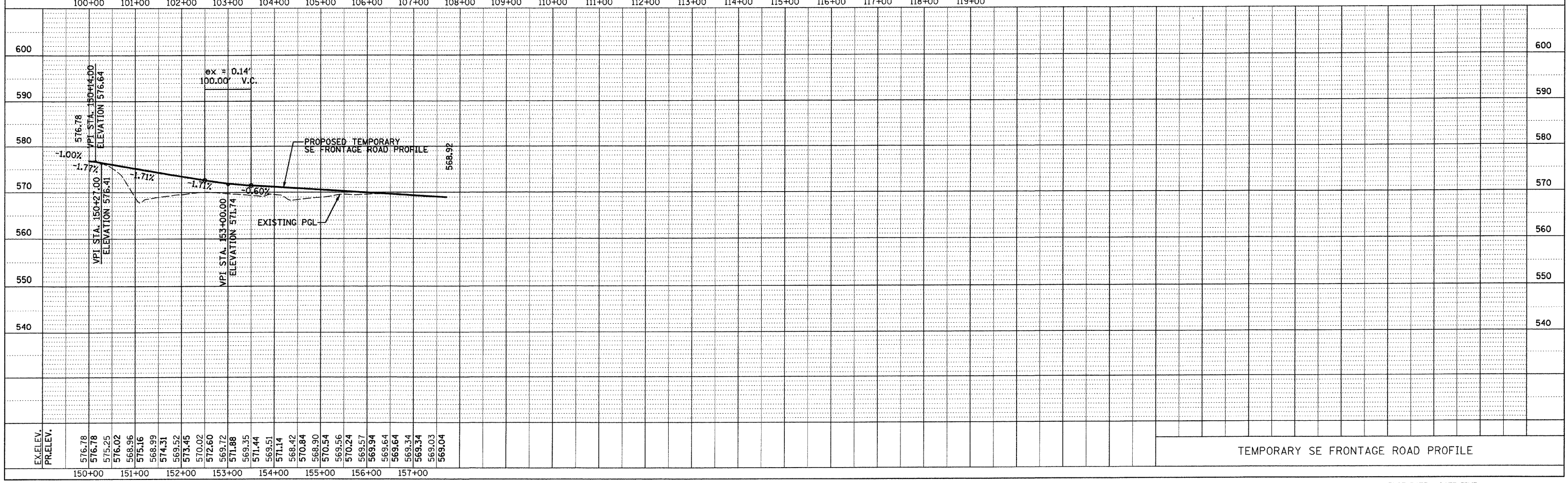
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 NO. OF PAGES CHECKED  
 NO. STRUCTURE NOTATION CHFD

\*DATE\*  
 \*DATE-TIME\*  
 \*CON-SPEC\*  
 \*REF - TEMP. RAMP. PROFILESDON

IN. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	*	MADISON	420	85
STA. TO STA.		CONTRACT NO. 76709		
* 60+10K-L		60-10HB		600



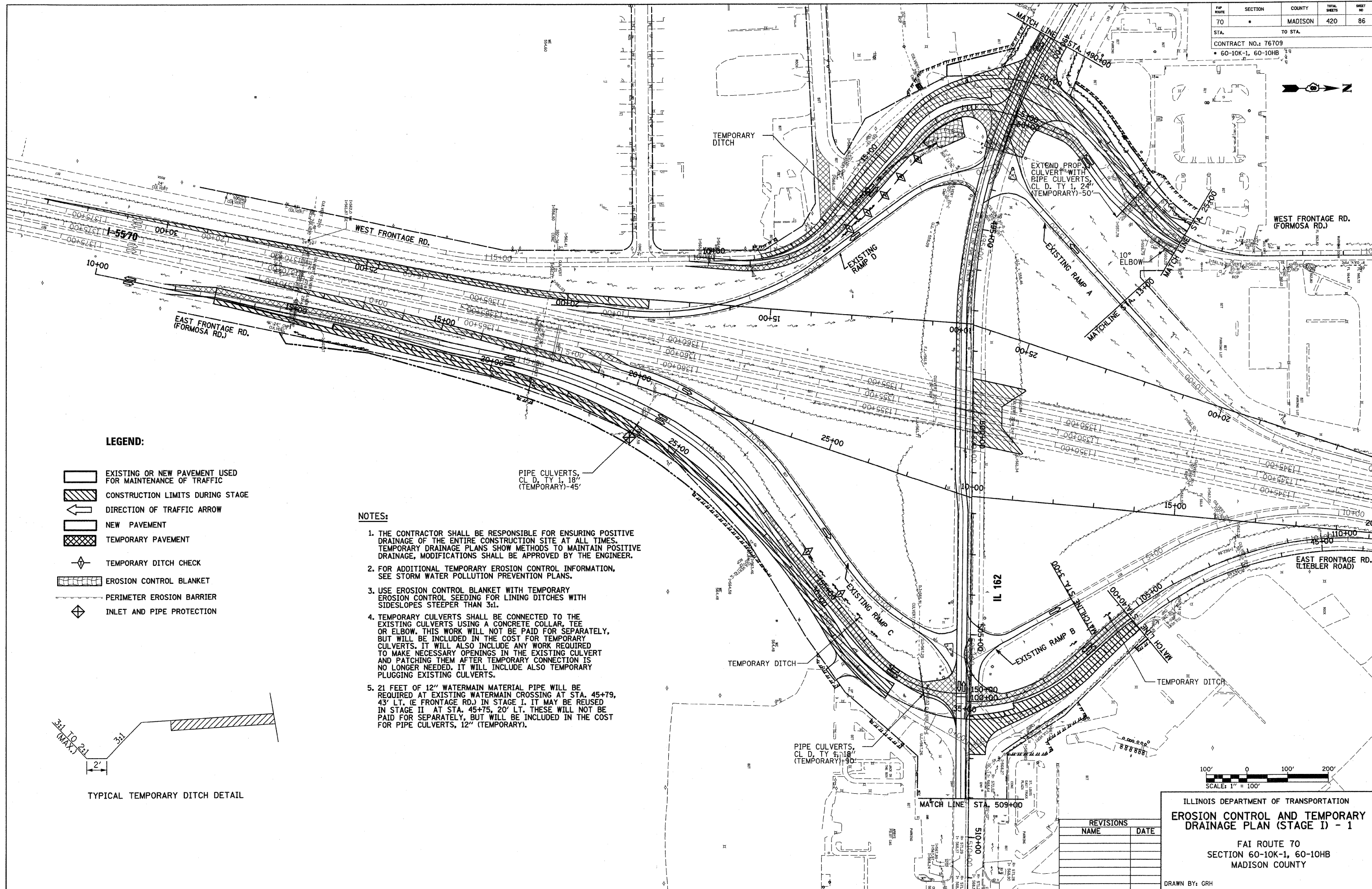
TEMPORARY NE FRONTAGE ROAD PROFILE



TEMPORARY SE FRONTAGE ROAD PROFILE



PLAN	DATE
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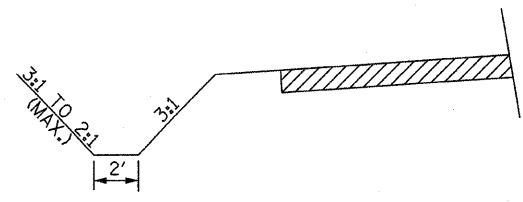


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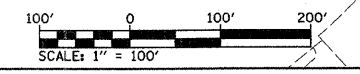
- EXISTING OR NEW PAVEMENT USED FOR MAINTENANCE OF TRAFFIC
- CONSTRUCTION LIMITS DURING STAGE
- DIRECTION OF TRAFFIC ARROW
- NEW PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION

**NOTES:**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE OF THE ENTIRE CONSTRUCTION SITE AT ALL TIMES. TEMPORARY DRAINAGE PLANS SHOW METHODS TO MAINTAIN POSITIVE DRAINAGE, MODIFICATIONS SHALL BE APPROVED BY THE ENGINEER.
2. FOR ADDITIONAL TEMPORARY EROSION CONTROL INFORMATION, SEE STORM WATER POLLUTION PREVENTION PLANS.
3. USE EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING FOR LINING DITCHES WITH SIDESLOPES STEEPER THAN 3:1.
4. TEMPORARY CULVERTS SHALL BE CONNECTED TO THE EXISTING CULVERTS USING A CONCRETE COLLAR, TEE OR ELBOW. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST FOR TEMPORARY CULVERTS. IT WILL ALSO INCLUDE ANY WORK REQUIRED TO MAKE NECESSARY OPENINGS IN THE EXISTING CULVERT AND PATCHING THEM AFTER TEMPORARY CONNECTION IS NO LONGER NEEDED. IT WILL INCLUDE ALSO TEMPORARY PLUGGING EXISTING CULVERTS.
5. 21 FEET OF 12" WATERMAIN MATERIAL PIPE WILL BE REQUIRED AT EXISTING WATERMAIN CROSSING AT STA. 45+79, 43' LT. (E FRONTAGE RD.) IN STAGE I. IT MAY BE REUSED IN STAGE II AT STA. 45+75, 20' LT. THESE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST FOR PIPE CULVERTS, 12" (TEMPORARY).



TYPICAL TEMPORARY DITCH DETAIL



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL AND TEMPORARY DRAINAGE PLAN (STAGE I) - 1**  
 FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

REVISIONS	NAME	DATE

DRAWN BY: GRH  
 PLOT DATE: \*DATE-TIME\*

\*DON-SPEC\*  
 \*REF-  
 \*REF-





FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70		MADISON	420	88
STA.	TO STA.			
CONTRACT NO.: 76709				
• 60-10K-1,60-10HB				



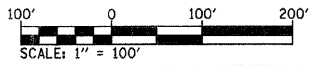
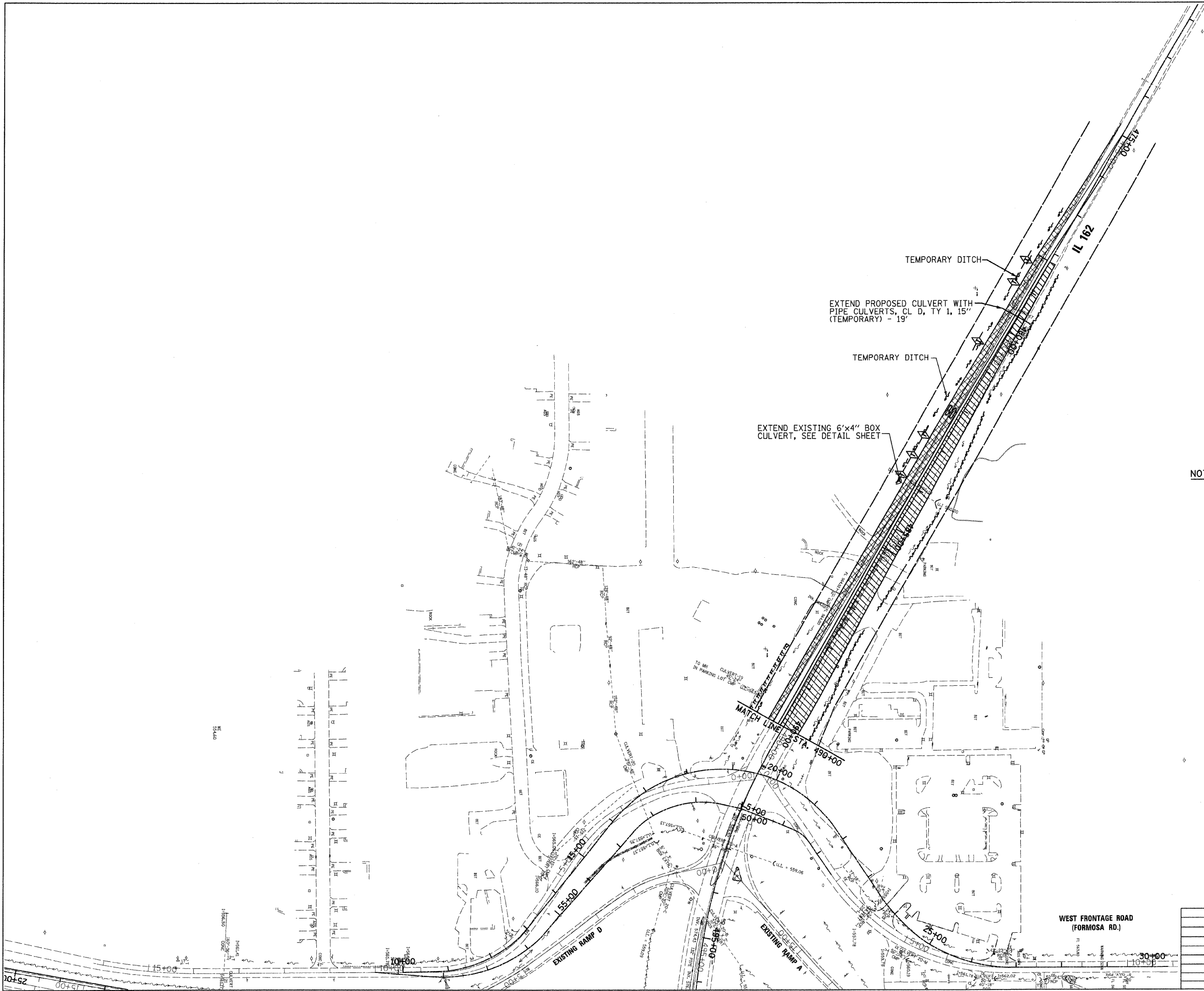
PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLANTED	
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**LEGEND:**

- EXISTING OR NEW PAVEMENT USED FOR MAINTENANCE OF TRAFFIC
- CONSTRUCTION LIMITS DURING STAGE
- DIRECTION OF TRAFFIC ARROW
- NEW PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION

**NOTES:**

1. FOR MORE TEMPORARY EROSION CONTROL INFORMATION, SEE STORM WATER POLLUTION PREVENTION PLANS.
2. USE EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING FOR LINING DITCHES WITH SIDESLOPES STEEPER THAN 3:1.



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL AND TEMPORARY DRAINAGE PLAN (STAGE I) - 3**

FAP ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

REVISIONS	
NAME	DATE

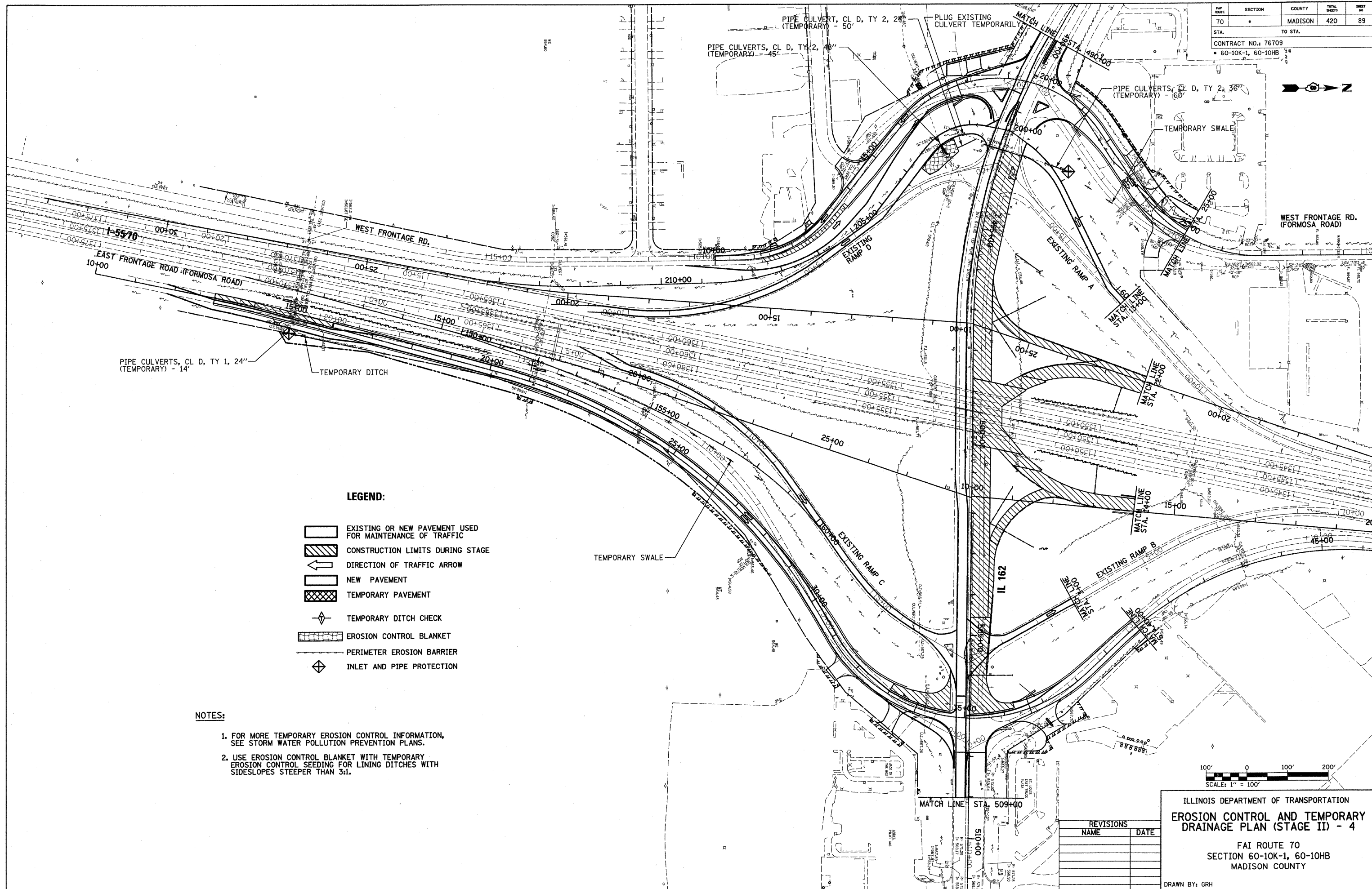
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\*DATE\*-TIME\*  
 \*CON-SPEC\*  
 \*REF\*

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		MADISON	420	89
STA. TO STA.				
CONTRACT NO.: 76709				
• 60-10K-1, 60-10HB				



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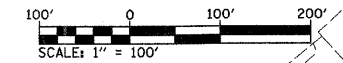


**LEGEND:**

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- CONSTRUCTION LIMITS DURING STAGE
- DIRECTION OF TRAFFIC ARROW
- NEW PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION

**NOTES:**

1. FOR MORE TEMPORARY EROSION CONTROL INFORMATION, SEE STORM WATER POLLUTION PREVENTION PLANS.
2. USE EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING FOR LINING DITCHES WITH SIDESLOPES STEEPER THAN 3:1.



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL AND TEMPORARY DRAINAGE PLAN (STAGE II) - 4**

FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

DRAWN BY: GRH

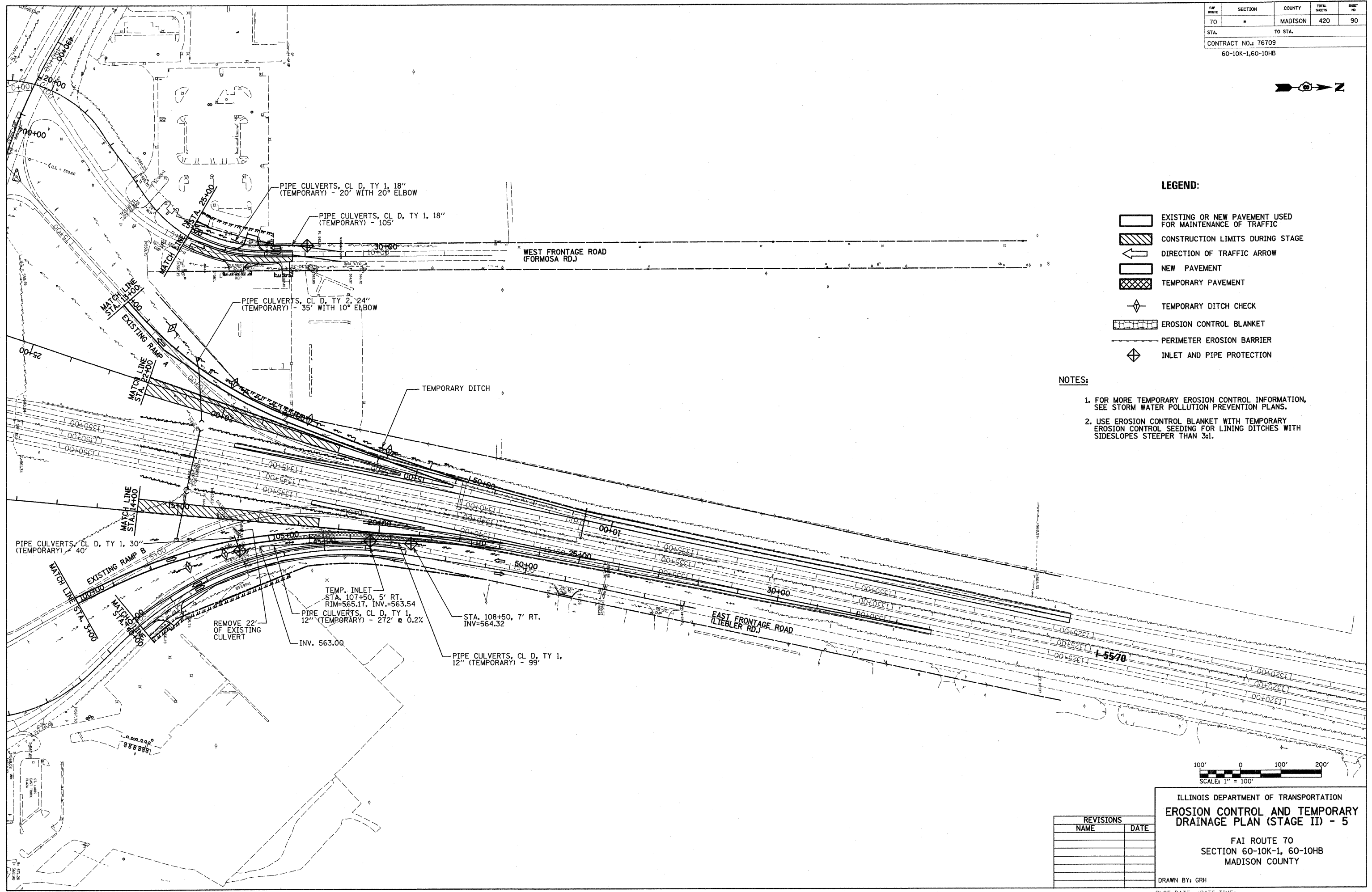
PLOT DATE: \*DATE-TIME\*

REVISIONS	
NAME	DATE

F&P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	*	MADISON	420	90
STA. TO STA.				
CONTRACT NO.: 76709				
60-10K-1,60-10HB				



DATE	
BY	
DESIGNED	
CHECKED	
PLANNED	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

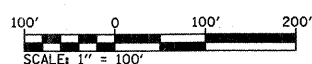


**LEGEND:**

- EXISTING OR NEW PAVEMENT USED FOR MAINTENANCE OF TRAFFIC
- CONSTRUCTION LIMITS DURING STAGE
- DIRECTION OF TRAFFIC ARROW
- NEW PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION

**NOTES:**

1. FOR MORE TEMPORARY EROSION CONTROL INFORMATION, SEE STORM WATER POLLUTION PREVENTION PLANS.
2. USE EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING FOR LINING DITCHES WITH SIDESLOPES STEEPER THAN 3:1.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL AND TEMPORARY DRAINAGE PLAN (STAGE II) - 5**  
 FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY  
 DRAWN BY: GRH  
 PLOT DATE: \*DATE-TIME\*

\*DON-SPEC\*  
 \*REF-  
 \*REF-

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70	*	MADISON	420	91
STA.		TO STA.		
CONTRACT NO.: T6709				
* 60-10K-1,60-10HB				



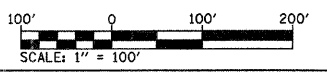
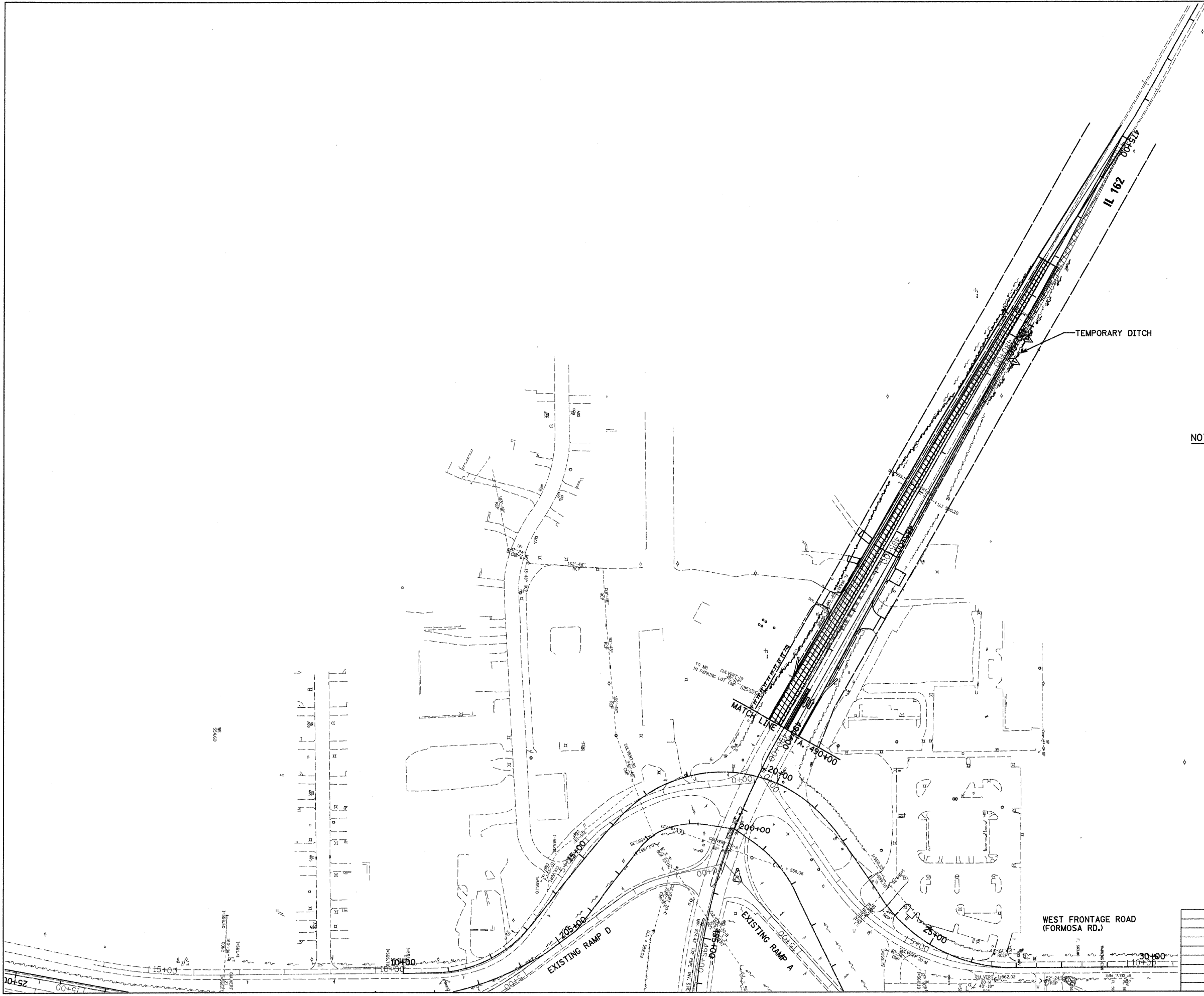
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NOTE BOOK NO.	PLOTTED	
	RT. OF WAY CHECKED	
	CADD FILE NAME	

**LEGEND:**

- EXISTING OR NEW PAVEMENT USED FOR MAINTENANCE OF TRAFFIC
- CONSTRUCTION LIMITS DURING STAGE
- DIRECTION OF TRAFFIC ARROW
- NEW PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION

**NOTES:**

1. FOR MORE TEMPORARY EROSION CONTROL INFORMATION, SEE STORM WATER POLLUTION PREVENTION PLANS.
2. USE EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING FOR LINING DITCHES WITH SIDESLOPES STEEPER THAN 3:1.



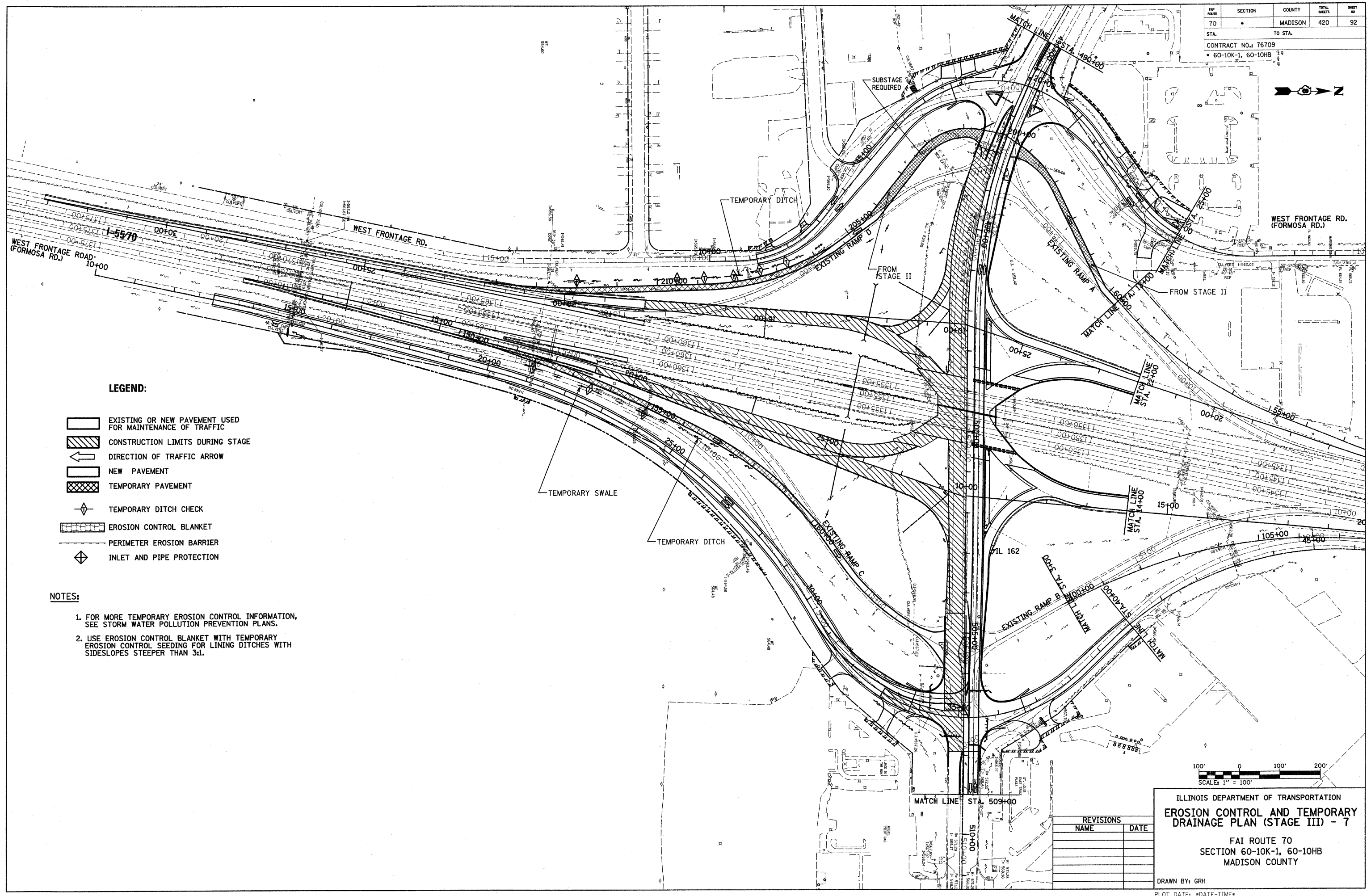
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL AND TEMPORARY DRAINAGE PLAN (STAGE II) - 6**  
 FAP ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY  
 DRAWN BY: GRH  
 PLOT DATE: \*DATE-TIME\*

\*DATE-TIME\*  
 \*DGN-SPEC\*  
 \*REF\*



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NOTE BOOK NO.	
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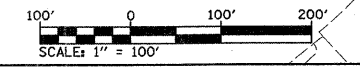


**LEGEND:**

- EXISTING OR NEW PAVEMENT USED FOR MAINTENANCE OF TRAFFIC
- CONSTRUCTION LIMITS DURING STAGE
- DIRECTION OF TRAFFIC ARROW
- NEW PAVEMENT
- TEMPORARY PAVEMENT
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION

**NOTES:**

1. FOR MORE TEMPORARY EROSION CONTROL INFORMATION, SEE STORM WATER POLLUTION PREVENTION PLANS.
2. USE EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING FOR LINING DITCHES WITH SIDESLOPES STEEPER THAN 3:1.



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL AND TEMPORARY DRAINAGE PLAN (STAGE III) - 7**  
 FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

REVISIONS	
NAME	DATE

DRAWN BY: GRH

PLOT DATE: \*DATE-TIME\*





**DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:**

1. 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 ERODIBLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
  - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
  - IV. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
  - V. BUILD NECESSARY EMBANKMENT AT CULVERT LOCATIONS, THEN EXCAVATE AND PLACE CULVERT.
  - VI. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE, WHILE AT THE SAME TIME, PLACING PERMANENT CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.
- (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 7 DAYS.
- (e.) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OF 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 EARTH EXCAVATION.
- (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 UNIT BID PRICE FOR TEMPORARY EROSION CONTROL SYSTEM.

**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 UP, AND DISTURBED TURF RESEEDED.

**MAINTENANCE AFTER CONSTRUCTION:**

1. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY I.D.O.T. FINAL INSPECTION. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.

**MISCELLANEOUS:**

1. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 1 FT. FALL/RISE IN DITCH GRADE.
2. TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3 - REMOVE AT END OF CONSTRUCTION.
3. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES. TEMPORARY EROSION CONTROL SEEDING AND MULCH SHALL BE COMPLETED ON A WEEKLY BASIS OF ALL EXPOSED GROUND AND SHALL BE IN ACCORDANCE TO SECTION 280 OF THE STANDARD SPECIFICATIONS.
4. MULCH METHOD 1, AS APPLIED TO TEMPORARY SEEDING, SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PRICE FOR TEMPORARY EROSION CONTROL SEEDING.
5. CONSTRUCT PERIMETER EROSION CONTROL AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.
6. 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.
7. 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, SILT WEDGES OR ANY OTHER MATERIAL APPROVED BY THE ENGINEER.

**STORM WATER POLLUTION PREVENTION**

LOCATION	TEMPORARY DITCH CHECK (EACH)	INLET AND PIPE PROTECTION (EACH)	PERIMETER EROSION BARRIER (FOOT)
IL ROUTE 162	18	22	1292
EAST FRONTAGE ROAD	12	13	1903
WEST FRONTAGE ROAD	8	18	862
RAMP A	11	7	201
RAMP B	12	3	0
RAMP C	6	2	0
RAMP D	11	6	0
I-55/70	3	8	0
<b>TOTAL=</b>	<b>81</b>	<b>79</b>	<b>4,258</b>

**TEMPORARY DITCH CHECKS**

LOCATION	EACH
STAGE 1	
IL ROUTE 162 (RT)	6
EAST FRONTAGE ROAD	5
WEST FRONTAGE ROAD	5
STAGE 2	
IL ROUTE 162 (LT)	2
TEMP RAMP A	4
TEMP RAMP B	2
STAGE 3	
TEMP RAMP C	3
TEMP RAMP D	6

TEMPORARY DITCH CHECKS,  
TOTAL= 33  
EACH

**INLET AND PIPE PROTECTION**

LOCATION	EACH
STAGE 1	
TEMP NW FRONTAGE ROAD	2
TEMP NE FRONTAGE ROAD	5
TEMP SE FRONTAGE ROAD	1
STAGE 2	
TEMP NW FRONTAGE ROAD	1
TEMP SE FRONTAGE ROAD	1
TEMP RAMP A	3
TEMP RAMP B	1

INLET AND PIPE PROTECTION,  
TOTAL= 14  
EACH

**EROSION CONTROL BLANKET**

LOCATION	AREA (SQ. YD.)
STAGE 1	
TEMP SW FRONTAGE ROAD	437
STAGE 2	
TEMP SW FRONTAGE ROAD	383

EROSION CONTROL BLANKET,  
TOTAL= 820  
SQ. YD.

**TEMPORARY EROSION CONTROL SEEDING**

LOCATION	TEMPORARY EROSION CONTROL SEEDING (POUND)
IL ROUTE 162	
474+36.60 TO 485+71.84 LT	128
474+36.60 TO 485+40.09 RT	129
485+46.33 TO 486+03.03 RT	4
486+01.98 TO 486+82.50 LT	6
486+04.66 TO 486+86.89 RT	6
487+17.50 TO 491+00.65 LT	33
487+22.93 TO 491+16.43 RT	36
491+74.32 TO 497+07.85 LT	92
492+09.67 TO 496+93.22 RT	95
502+39.69 TO 506+65.71 RT	70
501+93.01 TO 506+43.71 RT	79
496+81.3 TO 498+49.7 RT	18
497+27.6 TO 498+78.9 LT	27
500+17.6 TO 501+60.1 RT	26
500+45.4 TO 502+23.1 LT	19
WEST FRONTAGE ROAD	
22+15.97 (RAMP D) TO 12+00.00 RT	80
17+30.24 (RAMP D) TO 17+90.20 RT	81
10+00.25 TO 11+49.27 LT	5
11+62.30 TO 12+62.34 LT	3
12+73.43 TO 14+17.38 LT	10
14+49.85 TO 18+07.13 LT	29
18+36.98 TO 18+95.26 LT	4
20+49.08 TO 22+58.41 LT	14
22+93.41 TO 23+63.66 LT	6
23+98.92 TO 26+50.82 LT	22
24+70.83 TO 26+20.25 RT	18
26+51.60 TO 27+43.14 RT	3
26+80.29 TO 29+00.00 LT	11
27+61.49 TO 27+72.30 RT	0,3
28+00.39 TO 29+00.00 RT	5
EAST FRONTAGE ROAD	
11+71.69 TO 20+96.81 LT	53
11+72.59 TO 31+56.34 RT	134
20+96.81 TO 33+87.09 LT	64
31+87.50 TO 33+23.08 RT	15
33+49.78 TO 34+81.65 RT	26
35+48.48 TO 36+74.42 RT	21
36+25.36 TO 43+98.82 LT	49
37+13.54 TO 40+67.84 RT	23
41+04.49 TO 50+90.42 RT	54
43+98.82 TO 52+57.24 LT	39
51+24.79 TO 53+34.31 RT	11
RAMP A	
20+52.15 TO 26+03.43 RT	234
22+50.00 RT TO 1325+64.95 (I-55)	287
1325+64.99 (I-55) TO 25+69.64 RT	176
15+37.73 TO 24+93.28 LT	99
RAMP B	
11+41.81 TO 17+60.03 RT	225
10+90.43 TO 20+69.54 LT	99
10+96.70 TO 33+88.14 RT	114
RAMP C	
17+36.62 TO 30+03.97 RT	306
10+00.62 TO 17+36.35 RT	20
16+59.68 TO 27+17.60 LT	99
17+36.35 TO 27+85.66 RT	88
RAMP D	
10+57.06 TO 14+21.07 RT	108
10+91.10 TO 19+95.66 LT	93
11+14.73 TO 33+08.97 RT	123
SEEDING, TOTAL=	3625
	POUND

TEMPORARY EROSION CONTROL SEEDING IS APPLIED AT RATE OF 100 LB/ACRE

REVISIONS	
NAME	DATE

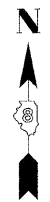
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION PREVENTION PLAN - 2**  
 FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY  
 DRAWN BY:  
 PLOT DATE: \*DATE-TIME\*

PLAN NO. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 DATE \_\_\_\_\_  
 NO. \_\_\_\_\_

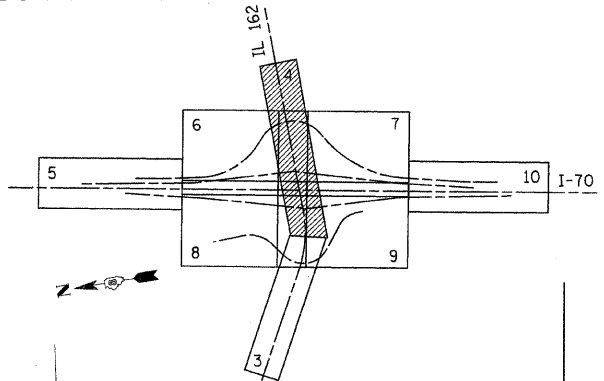
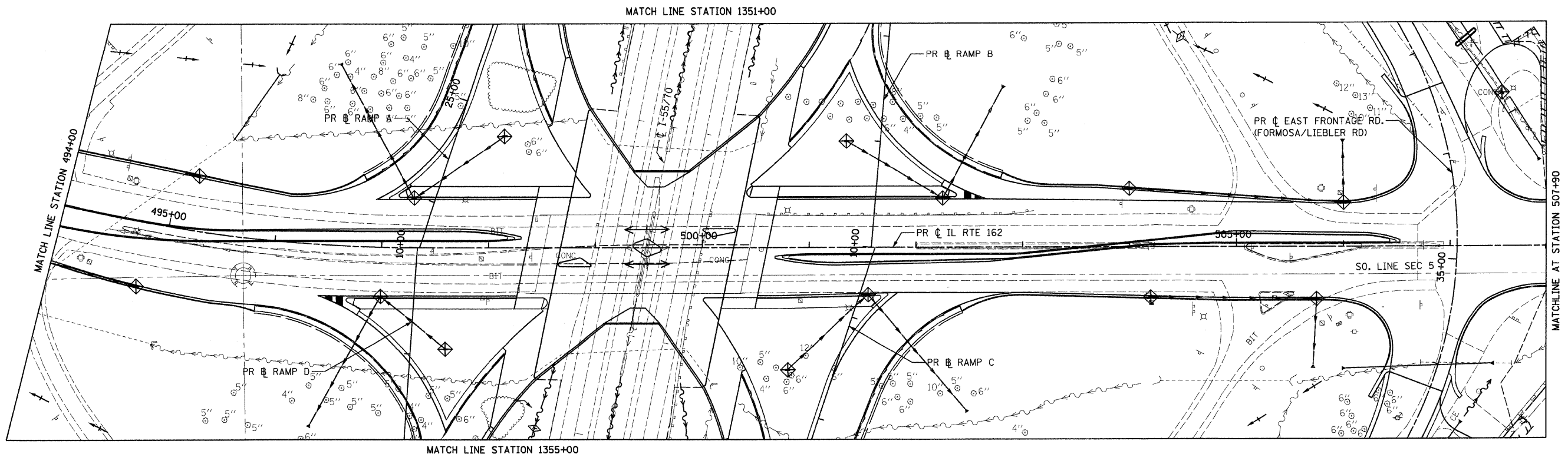




FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70	*	MADISON	420	97
STA. 494+00		TO STA. 518+00		
CONTRACT NO.: 76709				
• 60-10K-1, 60-10HB				



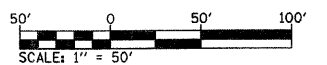
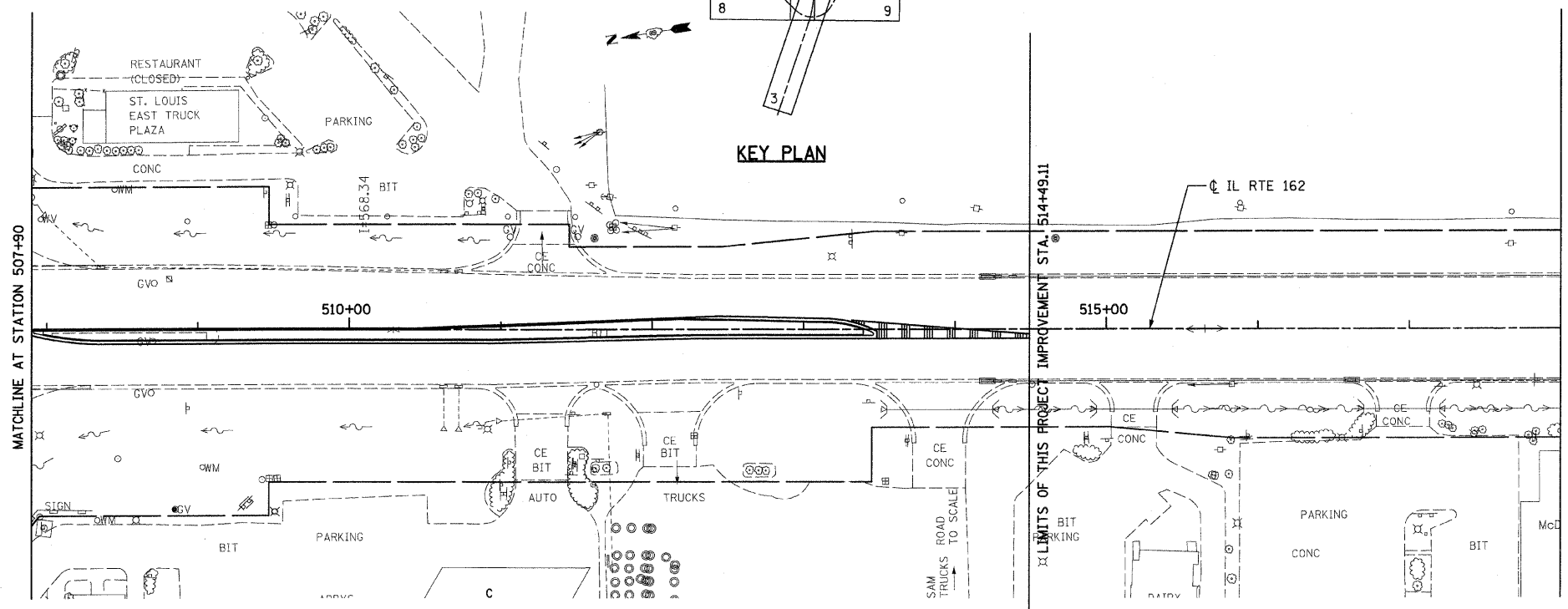
PLAN	SURVEYED	DATE
	BY	
	NO. OF WAY CHECKED	
	NO. OF WAY CHECKED	
	CADD FILE NAME	



**LEGEND**

	TEMPORARY DITCH CHECK
	EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION

- NOTES:**
- FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS.
  - PERIMETER EROSION BARRIER IS LOCATED ON TEMPORARY EASEMENT/PERMANENT EASEMENT/R.O.W. LINE, AS SHOWN ON THE PLANS.
  - FOR PERMANENT EROSION CONTROL INFORMATION, SEE SEEDING PLANS.
  - FOR EROSION CONTROL DURING STAGED CONSTRUCTION, SEE EROSION CONTROL AND TEMPORARY DRAINAGE PLAN.



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION PREVENTION PLAN - 4**

FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

REVISIONS	
NAME	DATE

DRAWN BY: GRH

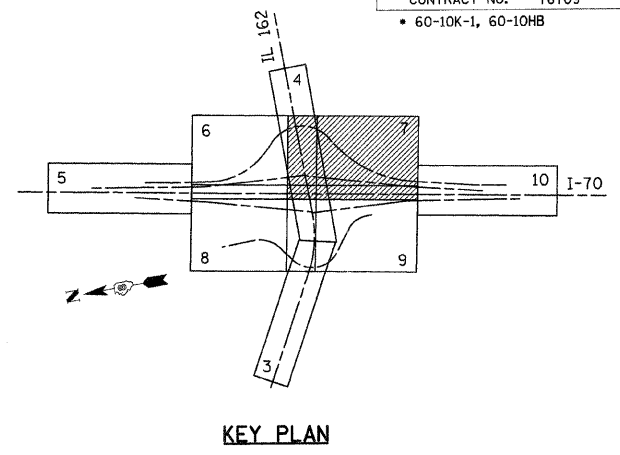
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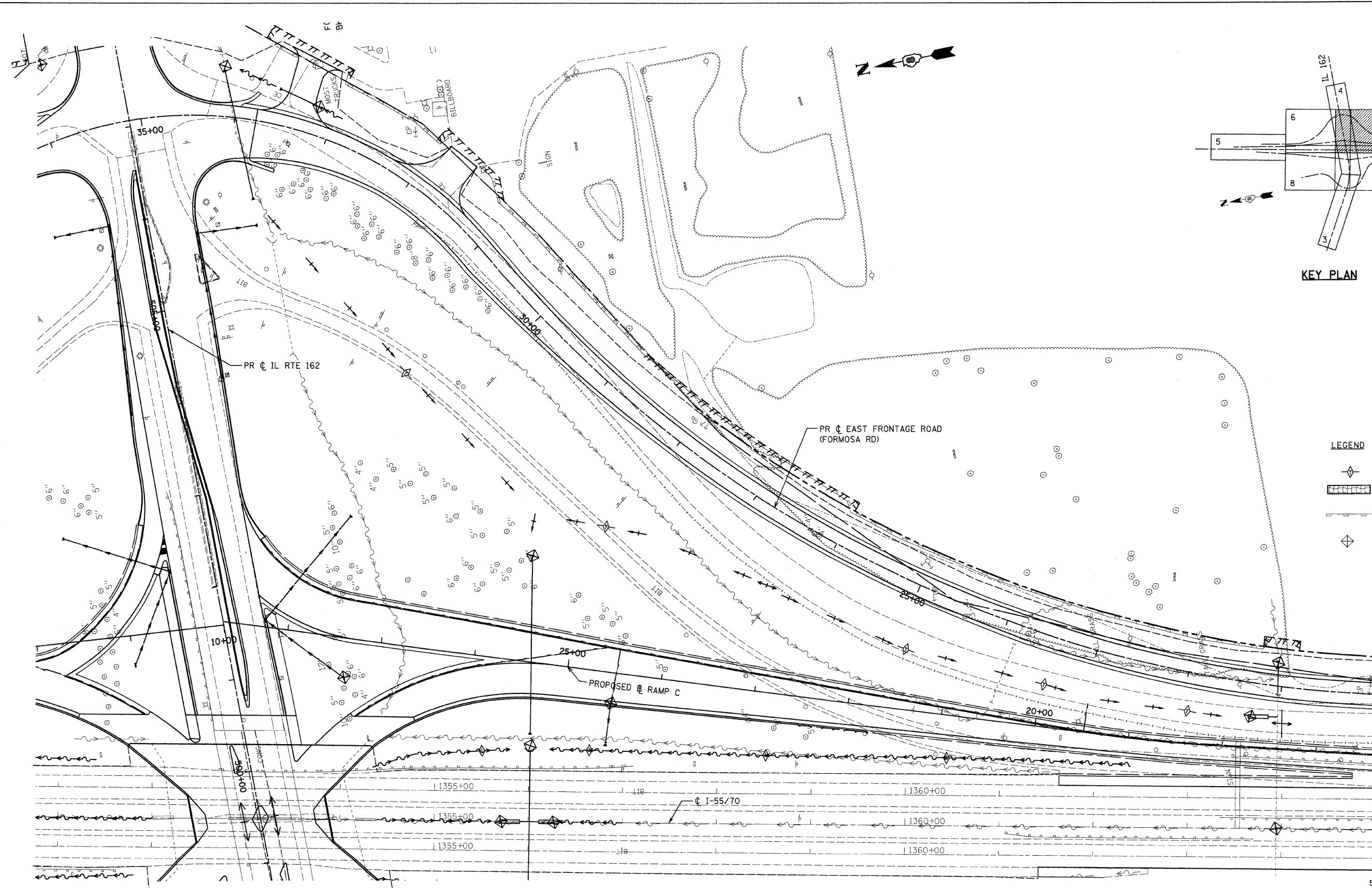




FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
70	*	MADISON	420	100
STA. 1353+15.77		TO STA. 1365+00		
CONTRACT NO. 76709		• 60-10K-1, 60-10HB		



PLAN	SURVEYED	DATE
	BY	
	NOTED	
	BY	
	DATE	
	NO.	

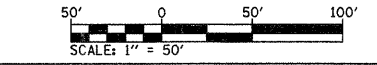


**LEGEND**

	TEMPORARY DITCH CHECK
	EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION

- NOTES:**
- FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS.
  - PERIMETER EROSION BARRIER IS LOCATED ON TEMPORARY EASEMENT/PERMANENT EASEMENT/R.O.W. LINE, AS SHOWN ON THE PLANS.
  - FOR PERMANENT EROSION CONTROL INFORMATION, SEE SEEDING PLANS.
  - FOR EROSION CONTROL DURING STAGED CONSTRUCTION, SEE EROSION CONTROL AND TEMPORARY DRAINAGE PLAN.

REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION PREVENTION PLAN - 7**

FAI ROUTE 70  
 SECTION 60-10K-1, 60-10HB  
 MADISON COUNTY

DRAWN BY: GRH

PLOT DATE: \*DATE-TIME\*

\*DATE-TIME\*  
 \*DGN-SPEC\*  
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