04-29-2022 LETTING ITEM 143

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1.1-1.1-2.2)RS-1	MARION	484*	1
	ILLINOIS	CONTRACT NO. 76F79		

* 484 + 9 = 493 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

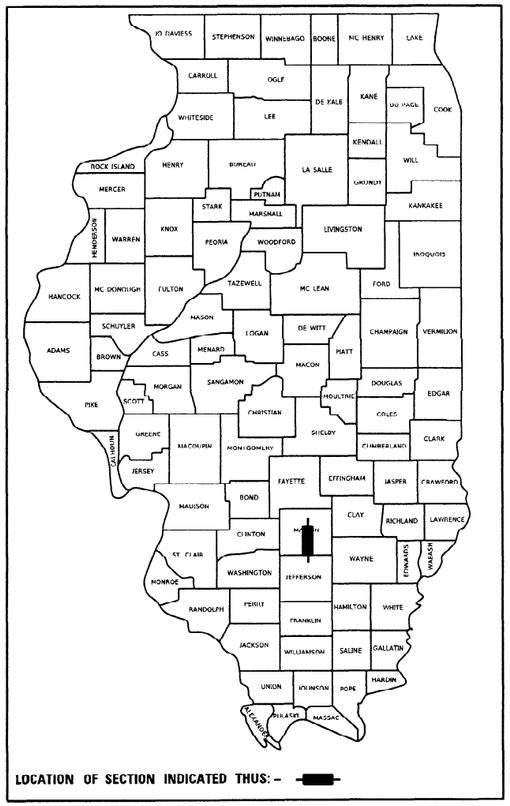
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAI ROUTE 57 (I–57)
SECTION 61–(1,1–1,1–2,2)RS–1
FEDERAL AID PROJECT NHPP–KC9D(768)
RECONSTRUCTION
MARION COUNTY

C–98–231–18

D-98-064-12



LOCATION OF SECTION INDICATED THUS:-

TRAFFIC DATA

FAI–57 – JEFFERSON COUNTY LINE TO IL 161
ADT: 24,600 (2019) ACTUAL
25,100 (2022) ESTIMATED
28,900 (2042) ESTIMATED
SU = 3.0% MU = 30.9%

FAI–57 – IL 161 TO US 50
ADT: 22,400 (2019) ACTUAL
22,400 (2022) ESTIMATED
25,700 (2042) ESTIMATED
SU = 1.9% MU = 44.7%

RAMP A – SOUTH EAST QUADRANT FAI–57 & IL 161
ADT: 1,300 (2017) ACTUAL
1,350 (2022) ESTIMATED
1,550 (2042) ESTIMATED
SU = 4.6% MU = 5.4%

RAMP B – NORTH EAST QUADRANT FAI–57 & IL 161
ADT: 900 (2017) ACTUAL
950 (2022) ESTIMATED
1100 (2042) ESTIMATED
SU = 7.8% MU = 10.0%

RAMP C – NORTH WEST QUADRANT FAI–57 & IL 161
ADT: 800 (2017) ACTUAL
825 (2022) ESTIMATED
950 (2042) ESTIMATED
SU = 6.3% MU = 12.5%

RAMP D – SOUTH WEST QUADRANT FAI–57 & IL 161
ADT: 1,450 (2017) ACTUAL
1,500 (2022) ESTIMATED
1,750 (2042) ESTIMATED
SU = 8.6% MU = 4.8%

END IMPROVEMENTS
STA. 1581+88

END PROJECT
STA. 1571+00
LAT: 38°31'48" N
LONG: 88°57'52" W

S.N. 061-0017
IL 161

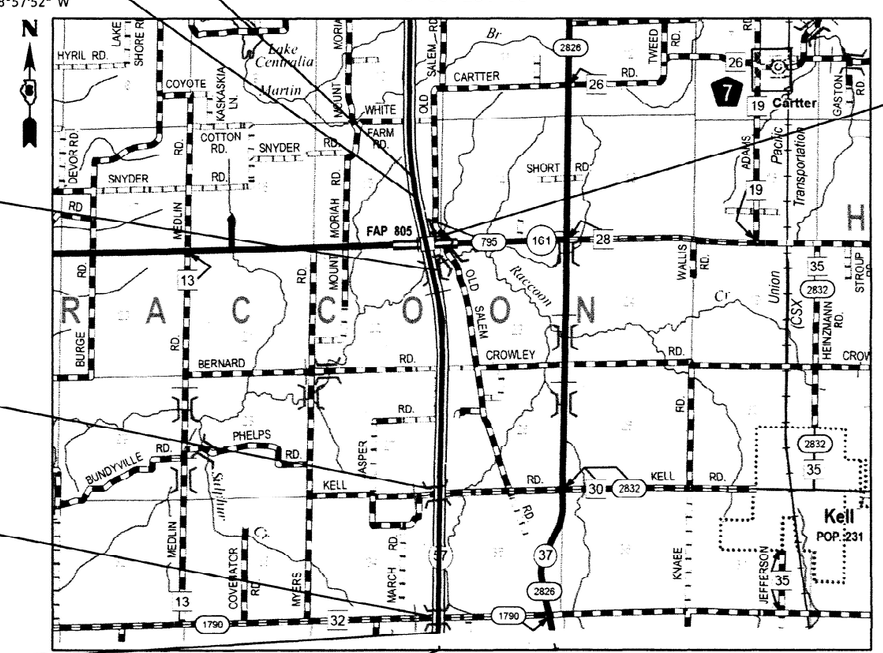
S.N. 061-2000
I-57 OVER
RACCOON CREEK

S.N. 061-0046
KELL ROAD
OVER I-57

S.N. 061-0027
WALNUT HILL RD.
OVER I-57

BEGIN PROJECT
STA. 1374+40
LAT: 38°28'35" N
LONG: 88°57'33" W

BEGIN IMPROVEMENTS
STA 1364+12



NOT TO SCALE

GROSS LENGTH = 19,660.00 FT. = 3.724 MILES
NET LENGTH = 19,660.00 FT. = 3.724 MILES

100' 200' 300' — 1" = 100'
10' 20' 30' — 1" = 10'
50' 100' — 1" = 50'
50' 100' — 1" = 40'
50' 100' — 1" = 30'
50' 100' — 1" = 20'

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 EXCAVATORS
1–800–892–0123
OR 811

PROJECT ENGINEER BILLIE OWEN 618–346–3209

CONTRACT NO. 76F79

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Feb 17 20 22
Steve Travers
~~REGIONAL ENGINEER~~ Director

March 25 20 22
~~ENGINEER OF DESIGN AND ENVIRONMENT~~

March 28 20 22
Stephen M Travers
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

MARK O'BRIEN 062-066496 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

2-16-22
MARK O'BRIEN, P.E., P.L.S.
ILLINOIS REGISTERED ENGINEER NO. 062–066496
REGISTRATION EXPIRES FEB. 28, 2023

HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899
EXPIRES 04/30/2023

REV. - MS

INDEX OF SHEETS

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*109A-109I PLAT OF HIGHWAYS

HIGHWAY STANDARDS

000001-08	630001-12	701400-11	420701-03
001001-02	630301-09	701401-13	442001-04
001006		701411-09	442201-03
202001-01	635001-02	701416-11	601001-05
280001-07	642001-03	701426-09	601101-02
420001-10	643001-02	701428-01	606001-08
420101-07	666001-01	701451-05	606301-04
420206-13		701502-09	631011-10
420306-11	701001-02	701901-08	631031-17
421001-03	701006-05	704001-08	631032-09
421201-07	701101-05	720001-01	665001-02
442101-09	701106-02	720006-04	821101-02
483001-06	701011-04	725001-01	835001-01
515001-04	701201-05	728001-01	836001-04
542301-03	701301-04	780001-05	
542311-07	701321-18	781001-04	
542546-01	701326-04	782006-01	

COMMITMENTS

TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.

NO BATS OR SIGNS OF BATS WERE OBSERVED ON THE BRIDGE. PLEASE NOTE THAT ALL BAT BRIDGE/STRUCTURE ASSESSMENTS ARE VALID FOR TWO YEARS AND THAT EXPIRED ASSESSMENTS SHALL BE UPDATED PRIOR TO CONSTRUCTION.

GENERAL NOTES

1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:

	ABOVE GROUND	BELOW GROUND
AMEREN ILLINOIS (GAS & ELECTRIC)	X	X
AT&T ILLINOIS (COMMUNICATIONS)	X	X
BP PIPELINES (NORTH AMERICA) INC. (PIPELINE)		X
CHARTER COMMUNICATIONS, INC. (CABLE TV)	X	X
CONTRYMARK COOPERATIVE, LLP (PIPELINE)		X
ENABLE MIDSTREAM PARTNERS (PIPELINE)		X
VILLAGE OF ODIN (WATER & SANITARY SEWER)		X
RACCOON WATER COMPANY (WATER)		X
CITY OF SALEM (WATER, SANITARY SEWER & GAS)		X
TRI-COUNTY ELECTRIC COOPERATIVE, INC. (ELECTRIC)	X	X
US SONET, LLC (COMMUNICATIONS)		X

2. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

3. TWENTY-ONE (21) CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED TWO (2) WEEKS PRIOR TO AND THE DURATION OF PRE-STAGE, TWO (2) WEEKS PRIOR TO STAGE 1 AND TWO (2) WEEKS PRIOR TO STAGE 2. STMS WILL BE USED FOR THE DURATION OF STAGE 1 AND 2. THE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ALONG I-57 & IL 161 AT THE DIRECTION OF THE ENGINEER.

4. THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL LOCATIONS AT ALL TIMES. THIS MAY INCLUDE, BUT IS NOT LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, REGRADING, PLUGGING ABANDONED PIPES, OR OTHER ACTIVITIES REQUIRED BY THE ENGINEER.

5. ALL ELEVATIONS REFER TO THE NAVD 88 DATUM.

6. ONLY SHORT TERM PAVEMENT MARKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL."

7. THE INTENT OF THE MILLING IS TO REMOVE THE HMA RESURFACING ONLY. THE UNDERLYING CONCRETE SHALL NOT BE DISTURBED.

8. ALL MILLED AREAS SHALL BE RESURFACED WITH THE APPROPRIATE SURFACE COURSE PRIOR TO OPENING THE LANE(S) TO TRAFFIC TO ALLEVIATE ANY DROP OFFS BETWEEN ADJACENT SURFACES OF MORE THAN 2".

9. ALL CULVERT EXTENSIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH METHOD II AS SPECIFIED IN ART. 542.05 OF THE STANDARD SPECS. PRIOR TO EXTENDING ANY CULVERT, THE ENTIRE LENGTH OF THE EXISTING CULVERT SHALL BE CLEANED OF ALL EARTH AND DEBRIS BY THE CONTRACTOR, THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE EXTENSION.

10. FACTORS FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

AGGREGATE (SURFACE, BASE, & BACKFILL)	2.05 TON/CU YD
BITUMINOUS MATERIALS:	
TACK/PRIME COAT FOR BITUMINOUS CONCRETE:	
-ON PAVEMENT	0.05 LB/SQ FT
-ON AGGREGATE	0.25 LB/SQ FT
-ON COLD MILLED SURFACE	0.05 LB/SQ FT
-FOG COAT ON NEW BINDER	0.025 LB/SQ FT
HOT-MIX ASPHALT	112 LBS/SQ YD/IN
RIP RAP	1.5 TON/CU YD
SEEDING, CLASS 2A	200 LB/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LB/ACRE
NITROGEN FERTILIZER NUTRIENT	90 LB/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB/ACRE
MULCH	2 TON/ACRE

11. ALL REMOVED GUARDRAIL COMPONENTS ARE THE PROPERTY OF THE CONTRACTOR AND THE SALVAGE VALUE OF SAID COMPONENTS SHALL BE REFLECTED IN THE CONTRACTOR'S BID.

12. DOWELS FOR CRC PAVEMENT LUG SYSTYEMS (HWY STD 421201) SHALL BE CENTERED IN THE EXISTING 8" CRC PAVEMENT.

13. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICAITONS.

ROUTE	FAI 57
SECTION	61-(1,1-1,1-2,2)RS-1
COUNTY	MARION
CONTRACT	76F79

DESCRIPTION: RECONSTRUCTION & BRIDGE REPAIR ALONG I-57 FROM JEFFERSON CO LINE TO 0.7 MI N OF IL 161

	RAMPS	MAINLINE
ADT (CONST. YR)	1,500	22,900
MU%	4.8	40.2
SU%	8.6	2.2
20 YR. ESAL'S	0.57	54.55

	RAMPS			
	SN 061-0017	SN 061-0027 & 0046		
		WIDENING	BASE COURSE WIDENING (STAGE)	
MIXTURE USE	POLY SURFACE	BINDER	SURFACE	BINDER
AC/PG	SBS PG 76-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION	IL 9.5	IL 19.0	IL 9.5	IL 19.0
FRICTION AGG	MIXTURE "D"	MIXTURE "B"	MIXTURE "E"	MIXTURE "B"
QUALITY MGMT PROG.	QC/QA	QC/QA	QC/QA	QC/QA
MatTranDev Required?	no	no	no	no

	SHOULDERS			PATCHING	
MIXTURE USE	SHOULDERS (lower)	SHOULDERS (surface)	STABILIZED SUBBASE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	PG 64-22	PG 64-22	PG 64-22	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	PG 64-22	PG 64-22	PG 64-22	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION	PG 64-22	PG 64-22	PG 64-22	IL 9.5	IL 19.0
FRICTION AGG				MIXTURE "E"	MIXTURE "B"
QUALITY MGMT PROG.	PG 64-22	PG 64-22	PG 64-22	QC/QA	QC/QA
MatTranDev Required?	no	no	no	no	no

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQYD/IN (59.8 KG/SQ M/25MM THICKNESS).

ANY QCP PAY ITEM THAT HAS A QUANTITY OF 1600 TONS OR LESS WILL HAVE TWO SUBLOTS EACH OF WHICH WILL BE HALF OF THE PLAN QUANTITY OR HALF OF THE ADJUST QUANTITY BY THE RESIDENT ENGINEER/TECHNICIAN.

REV. - MS

90% FED 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	544	534	10
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	267	232	35
20100500	TREE REMOVAL, ACRES	ACRE	9.25	9.25	
20200100	EARTH EXCAVATION	CU YD	223202	222571	631
20800150	TRENCH BACKFILL	CU YD	15	15	
25000210	SEEDING, CLASS 2A	ACRE	69.25	69.25	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	6222	6222	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	6222	6222	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	6222	6222	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	138	138	
25100115	MULCH, METHOD 2	ACRE	69.25	69.25	
25100630	EROSION CONTROL BLANKET	SQ YD	334596	334596	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	20739	20739	
28000305	TEMPORARY DITCH CHECKS	FOOT	6032	6032	

90% FED 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
28000400	PERIMETER EROSION BARRIER	FOOT	5959	5959	
28000500	INLET AND PIPE PROTECTION	EACH	19	19	
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	334596	334596	
28100105	STONE RIPRAP, CLASS A3	SQ YD	116		116
28100109	STONE RIPRAP, CLASS A5	SQ YD	726	726	
28100207	STONE RIPRAP, CLASS A4	TON	686	686	
28200200	FILTER FABRIC	SQ YD	2286	2286	
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	46768	46768	
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	85803	85803	
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	133812	133812	
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	24		24
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	126825	126825	
35100100	AGGREGATE BASE COURSE, TYPE A	TON	917		917
35501332	HOT-MIX ASPHALT BASE COURSE, 12"	SQ YD	497		497

90% FED 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
35600732	HOT-MIX ASPHALT BASE COURSE WIDENING, 14"	SQ YD	31422	31422	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	9266	4981	4285
40600990	TEMPORARY RAMP	SQ YD	669	669	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1083	835	248
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	430	329	101
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	9210	9210	
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	5637	5637	
42100335	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 3/4"	SQ YD	107726	107726	
42100615	PAVEMENT REINFORCEMENT	SQ YD	107726	107726	
42101090	TRANSVERSE TERMINAL JOINT COMPLETE 24'	EACH	4	4	
42101300	PROTECTIVE COAT	SQ YD	210519	209961	558
42101424	LUG SYSTEM COMPLETE 24'	EACH	4	4	
44000100	PAVEMENT REMOVAL	SQ YD	149372	148875	497

90% FED 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	311		311
44000170	HOT-MIX ASPHALT SURFACE REMOVAL, 5 1/4"	SQ YD	7306	7306	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	661		661
44003100	MEDIAN REMOVAL	SQ FT	4140		4140
44004000	PAVED DITCH REMOVAL	FOOT	643	643	
44004250	PAVED SHOULDER REMOVAL	SQ YD	95476	95027	449
44200050	WELDED WIRE REINFORCEMENT	SQ YD	120	120	
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	120	120	
44201298	DOWEL BARS 1 1/4"	EACH	51	51	
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	76		76
44213000	PATCHING REINFORCEMENT	SQ YD	497	497	
44213200	SAW CUTS	FOOT	2232	2232	
44213204	TIE BARS 3/4"	EACH	1559	1559	
44213208	TIE BARS 1 1/4"	EACH	51	51	

REV. - MS

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90% FED 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
48100100	AGGREGATE SHOULDERS, TYPE A	TON	18205	18205	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	12701	12701	
48203018	HOT-MIX ASPHALT SHOULDERS, 5 1/4"	SQ YD	3471	3471	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1927	1514	413
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	13520	13520	
48203047	HOT-MIX ASPHALT SHOULDERS, 12 1/2"	SQ YD	2848	2848	
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	9355	9355	
48300615	PORTLAND CEMENT CONCRETE SHOULDERS 11 3/4"	SQ YD	78034	78034	
50102400	CONCRETE REMOVAL	CU YD	33.4		33.4
50104400	CONCRETE HEADWALL REMOVAL	EACH	10	10	
50105220	PIPE CULVERT REMOVAL	FOOT	144	144	
50157300	PROTECTIVE SHIELD	SQ YD	984		984
50200100	STRUCTURE EXCAVATION	CU YD	11		11
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	259	259	

90% FED 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
50300100	FLOOR DRAINS	EACH	32		32
50300225	CONCRETE STRUCTURES	CU YD	5.9		5.9
50300255	CONCRETE SUPERSTRUCTURE	CU YD	32.7		32.7
50300300	PROTECTIVE COAT	SQ YD	313		313
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	2980		2980
50800105	REINFORCEMENT BARS	POUND	191270	191270	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5250		5250
50800515	BAR SPLICERS	EACH	40		40
50900200	STEEL RAILING, TYPE 2399	FOOT	507		507
51500100	NAME PLATES	EACH	1	1	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	122		122
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	18		18
52100520	ANCHOR BOLTS, 1"	EACH	36		36

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HMG
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
Engineers • Surveyors (618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = bratermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/18/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	5

CONTRACT NO. 76F79

ILLINOIS FED. AID PROJECT NHPP-KC9D(768)

90% FED 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
54002080	EXPANSION BOLTS 3/4 INCH X 18 INCH	EACH	158	158	
54003000	CONCRETE BOX CULVERTS	CU YD	585.2	585.2	
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	28	28	
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	10	10	
542A0247	PIPE CULVERTS, CLASS A, TYPE 1 42"	FOOT	16	16	
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	32	32	
542A1909	PIPE CULVERTS, CLASS A, TYPE 3 24"	FOOT	50	50	
542C0217	PIPE CULVERTS, CLASS C, TYPE 1 12"	FOOT	177	177	
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	326	326	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	5	5	
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	3	3	
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	2	2	
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	1	1	
54248510	CONCRETE COLLAR	CU YD	6.2	6.2	

* SPECIALTY ITEM

90% FED 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	938		938
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	6		6
58700300	CONCRETE SEALER	SQ FT	17342		17342
59000200	EPOXY CRACK INJECTION	FOOT	1096	1096	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	201	201	
60100070	SHOULDER REMOVAL AND REPLACEMENT	FOOT	3396	3396	
60108106	PIPE UNDERDRAINS, TYPE 1, 6"	FOOT	89030	89030	
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	4307	4307	
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	661		661
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	4140		4140
60905305	BOX CULVERTS TO BE CLEANED	FOOT	755	755	
60920024	PIPE CULVERTS TO BE CLEANED 24"	FOOT	163	163	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1150		1150
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	2713	2713	

90% FED 10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
*	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3	
*	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	7	5	2
*	63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	8		8
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	18	8	10
	63200310	GUARDRAIL REMOVAL	FOOT	4901	2489	2412
	63500105	DELINEATORS	EACH	287	287	
	63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	42268	42268	
	64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	78477	78477	
	66500105	WOVEN WIRE FENCE, 4'	FOOT	1438	1438	
	66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	11	11	
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	800	800	
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10	
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	

90% FED 10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	300	300	
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	27	27	
	67000600	ENGINEER'S FIELD LABORATORY	CAL MO	26	26	
	67100100	MOBILIZATION	L SUM	1	1	
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	118	28	90
	70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	3		3
	70106700	TEMPORARY RUMBLE STRIPS	EACH	12		12
	70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	6652		6652
	70107024	PAVEMENT MARKING BLACKOUT TAPE, 24"	FOOT	100		100
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	440	308	132
	70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	7692	7692	
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	57025	54053	2972
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	9432		9432

* SPECIALTY ITEM

MODEL: Default
FILE NAME: K:\8137_IDOT_08_157\CAD_Sheets\D787F79-sht-SOQ.dgn

HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
Engineers • Surveyors (618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = bratermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/18/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	7

CONTRACT NO. 76F79

ILLINOIS FED. AID PROJECT NHPP-KC9D(768)

90% FED 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	95042	95042	
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	5892	5892	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	242		242
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	94852	94852	
70307140	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	FOOT	6095	6095	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	45605.5	42268	3337.5
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2962.5		2962.5
70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	8		8
70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	1		1
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
70600340	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2	EACH	7		7
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	60	60	
* 72000200	SIGN PANEL - TYPE 2	SQ FT	34	34	

* SPECIALTY ITEM

90% FED 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
* 72000300	SIGN PANEL - TYPE 3	SQ FT	1346	1346	
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	60	60	
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	34	34	
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	1346	1346	
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4		4
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	4		4
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	18	8	10
* 72600100	MILE POST MARKER ASSEMBLY	EACH	32	32	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2668		2668
* 78003101	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LETTERS AND SYMBOLS	SQ FT	334	334	
* 78003131	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 6"	FOOT	93271	93271	
* 78003141	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B -STANDARD - LINE 8"	FOOT	2156	2156	
* 78003181	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 24"	FOOT	88	88	
* 78004645	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 9"	FOOT	9830	9830	

90% FED 10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 0004 RURAL	CONSTRUCTION CODE BRIDGE 0013 S.N. 061-0017, -0027, -0046
*	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	93271	93271	
*	78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	2156	2156	
*	78011050	GROOVING FOR RECESSED PAVEMENT MARKING 10"	FOOT	9830	9830	
*	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	88	88	
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1146	1146	
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	157	37	120
*	78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	290		290
*	78200020	CURB REFLECTORS	EACH	60		60
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1128	1128	
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	55076	51448	3628
*	81603032	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2895	2895	
*	82110017	LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION J	EACH	8	8	
*	83505300	LIGHT TOWER, 130 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 4	EACH	2	2	
*	83700350	LIGHT TOWER FOUNDATION, 54" DIAMETER	FOOT	53	53	

* SPECIALTY ITEM

90% FED 10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 0004 RURAL	CONSTRUCTION CODE BRIDGE 0013 S.N. 061-0017, -0027, -0046
	X0322392	BEVELED PIPE AND GUARD	EACH	3	3	
	X0323491	SLOPE WALL CRACK SEALING	FOOT	70		70
	X0326519	STEEL RAILING REMOVAL	FOOT	50		50
	X0327584	GRADING AND SHAPING SHOULDERS, SPECIAL	FOOT	813		813
*	X0640200	TRAFFIC BARRIER TERMINAL (SPECIAL)	EACH	2		2
	X1400273	REMOVAL OF EXISTING TOWER LUMINAIRE, NO SALVAGE	EACH	12	12	
	X1700054	CLASS A PATCHES, TYPE I, 13 INCH (SPECIAL)	SQ YD	20	20	
	X1700055	CLASS A PATCHES, TYPE II, 13 INCH (SPECIAL)	SQ YD	333	333	
	X1700056	CLASS A PATCHES, TYPE III, 13 INCH (SPECIAL)	SQ YD	112	112	
	X1700057	CLASS A PATCHES, TYPE IV, 13 INCH (SPECIAL)	SQ YD	32	32	
	X4406240	PARTIAL DEPTH REMOVAL, TYPE II, 4"	SQ YD	304	304	
	X4406440	PARTIAL DEPTH REMOVAL, TYPE III, 4"	SQ YD	485	485	
	X4406640	PARTIAL DEPTH REMOVAL, TYPE IV, 4"	SQ YD	646	646	
	X4421000	PARTIAL DEPTH PATCHING	TON	322	322	

90% FED 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
X6013700	PIPE UNDERDRAIN REMOVAL (SPECIAL)	FOOT	89030	89030	
X6015000	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	201	201	
X6060505	CONCRETE CURB (SPECIAL)	FOOT	159		159
X6350120	DELINEATOR REMOVAL	EACH	287	287	
X7010202	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)	EACH	1		1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.9	0.1
X7010410	SPEED DISPLAY TRAILER	CAL MO	48	48	
X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1	1	
X8420502	REMOVAL OF LIGHT TOWER, NO SALVAGE	EACH	2	2	
X8420510	REMOVAL OF TOWER FOUNDATION	EACH	2	2	
X8570000	SMART TRAFFIC MONITORING SYSTEM	L SUM	1	1	
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	18		18
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	934		934
* Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1		1
* Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1		1

* SPECIALTY ITEM

90% FED 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 RURAL	CONSTRUCTION CODE: BRIDGE 0013 S.N. 061-0017, -0027, -0046
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	171	171	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0015802	PLUG EXISTING DECK DRAINS	EACH	4		4
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	202		202
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	50		50
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	510		510
Z0016702	DETOUR SIGNING	L SUM	1	1	
Z0053750	RETROFIT CONCRETE PARAPET	FOOT	460		460
* Z0054400	ROCK FILL	CU YD	259	259	
Z0065700	SLOPE WALL REPAIR	SQ YD	14		14
Z0065730	SLOPE WALL SLURRY PUMPING	CU YD	29		29
Ø Z0076600	TRAINEES	HOUR	2500	2500	
Z0065740	SLOTTED DRAIN 12" WITH VARIABLE SLOT	FOOT	120	120	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2500	2500	
Z0065765	SLOTTED DRAIN 18" WITH VARIABLE SLOT	FOOT	120	120	

Ø 0042

REV. - MS

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HMG
Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 2/16/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

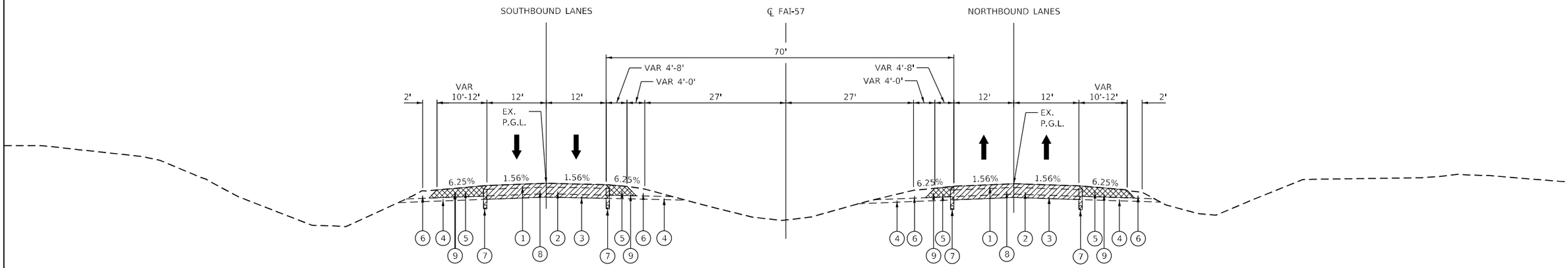
SUMMARY OF QUANTITIES

SCALE: | SHEET 8 OF 8 SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	10

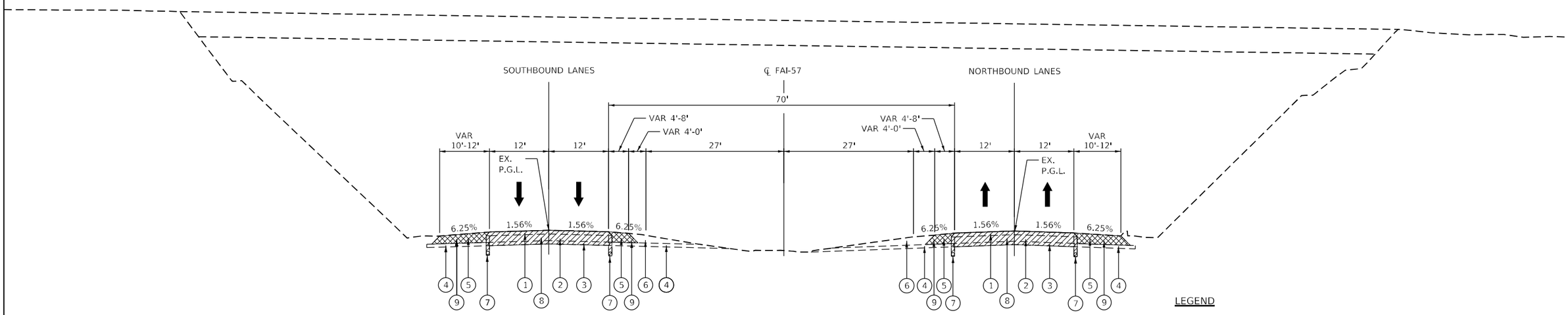
CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)



FAI-57 EXISTING TYPICAL SECTION

STA. 1374+40.00 TO STA. 1533+49.65
STA. 1534+05.05 TO STA. 1581+88.00



FAI-57 EXISTING TYPICAL SECTION - UNDER BRIDGE

STA. 1533+49.65 TO STA. 1534+05.05
SN 061-0017 (IL 161 OVER FAI-57)

LEGEND

1. EXISTING H.M.A. SURFACING (4 1/2")
2. EXISTING C.R.P.C.C. PAVEMENT (8")
3. EXISTING STABILIZED SUB-BASE BITUMINOUS AGGREGATE MIXTURE (4")
4. EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C (4")
5. EXISTING H.M.A. SHOULDERS (12 1/2")
6. EXISTING AGGREGATE SHOULDER WEDGE
7. EXISTING PIPE UNDERDRAINS (4")
8. PAVEMENT REMOVAL
9. PAVED SHOULDER REMOVAL
10. EXISTING H.M.A. SURFACING (5 1/4")
11. EXISTING P.C.C. PAVEMENT (8")
12. EXISTING H.M.A. SHOULDERS (13 1/4")

PAVEMENT REMOVAL
PAVED SHOULDER REMOVAL

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HMG
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
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Engineers • Surveyors (618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

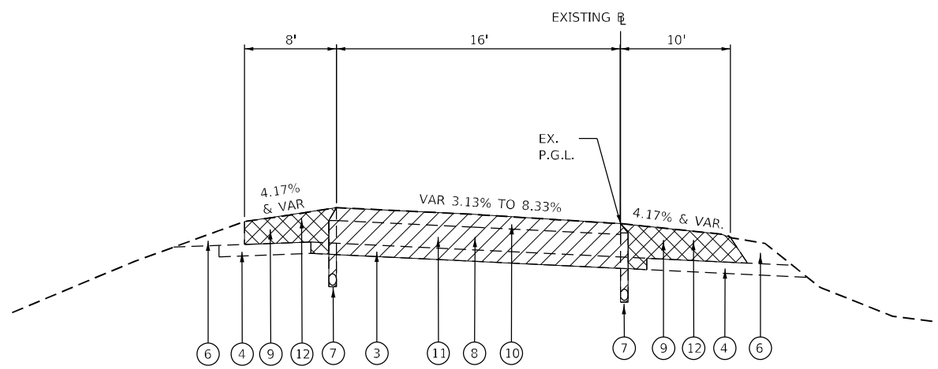
USER NAME = mobrien	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 2/16/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: | SHEET 1 OF 6 SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	11
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	



I-57/IL 161 INTERCHANGE RAMPS EXISTING TYPICAL SECTION (EXISTING BASELINES)

RAMP A: STA. 0+00.00 TO STA. 15+00.17
RAMP B: STA. 105+22.97 TO STA. 123+33.40
RAMP C: STA. 200+00.00 TO STA. 215+41.85
RAMP D: STA. 306+29.14 TO STA. 323+25.44

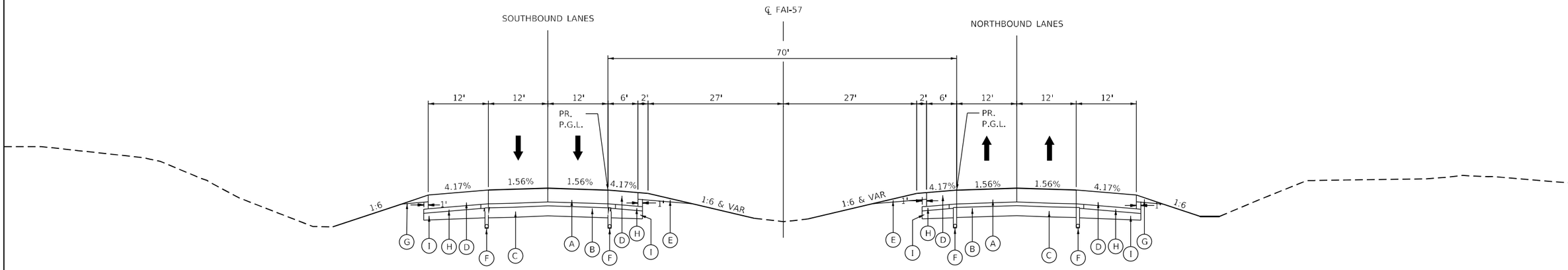
LEGEND

1. EXISTING H.M.A. SURFACING (4 1/2")
2. EXISTING C.R.P.C.C. PAVEMENT (8")
3. EXISTING STABILIZED SUB-BASE BITUMINOUS AGGREGATE MIXTURE (4")
4. EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C (4")
5. EXISTING H.M.A. SHOULDERS (12 1/2")
6. EXISTING AGGREGATE SHOULDER WEDGE
7. EXISTING PIPE UNDERDRAINS (4")
8. PAVEMENT REMOVAL
9. PAVED SHOULDER REMOVAL
10. EXISTING H.M.A. SURFACING (5 1/4")
11. EXISTING P.C.C. PAVEMENT (8")
12. EXISTING H.M.A. SHOULDERS (13 1/4")

PAVEMENT REMOVAL
PAVED SHOULDER REMOVAL

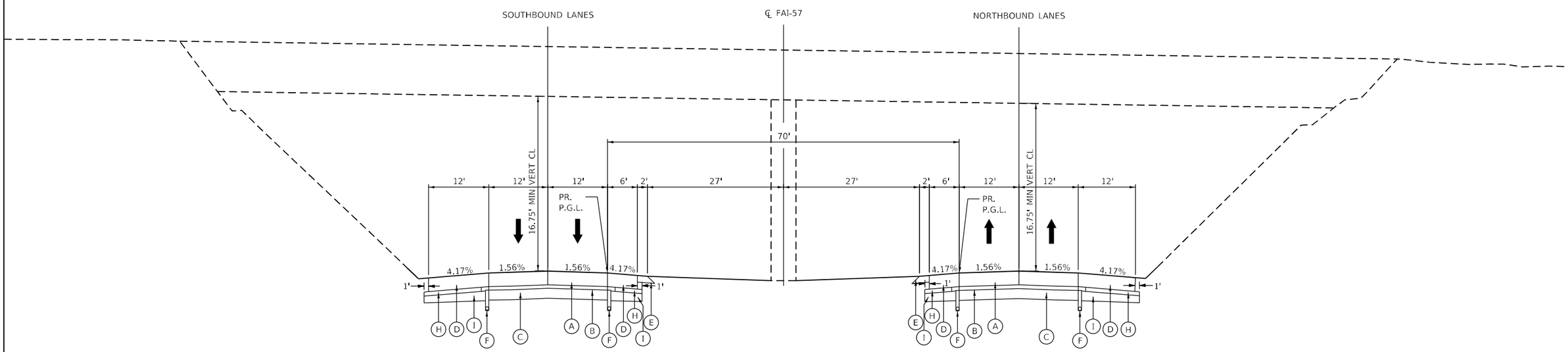
MODEL: Default
FILE NAME: K:\8137-IDOT_D8-I57\CAD_Sheets\D876F79-sht-typicals.dgn

HMG Engineers • Surveyors HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484	12
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	



FAI-57 PROPOSED TYPICAL SECTION

STA. 1374+40.00 TO STA. 1533+49.65
STA. 1534+05.05 TO STA. 1571+00.00



FAI-57 PROPOSED TYPICAL SECTION - UNDER BRIDGE

STA. 1533+49.65 TO STA. 1534+05.05
SN 061-0017 (IL 161 OVER FAI-57)

LEGEND

- (A) PROPOSED CONTINUOUSLY REINFORCED P.C.C. PAVEMENT (11 3/4")
- (B) PROPOSED STABILIZED SUBBASE - HMA, 4"
- (C) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (D) PROPOSED PCC SHOULDER (11 3/4")
- (E) PROPOSED AGGREGATE SHOULDER, TY A
- (F) PROPOSED PIPE UNDERDRAINS (6")
- (G) PROPOSED AGGREGATE WEDGE
- (H) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 4"
- (I) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A

MODEL: Default
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HMG
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
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IL PROF. DESIGN FIRM NO. 184.000899

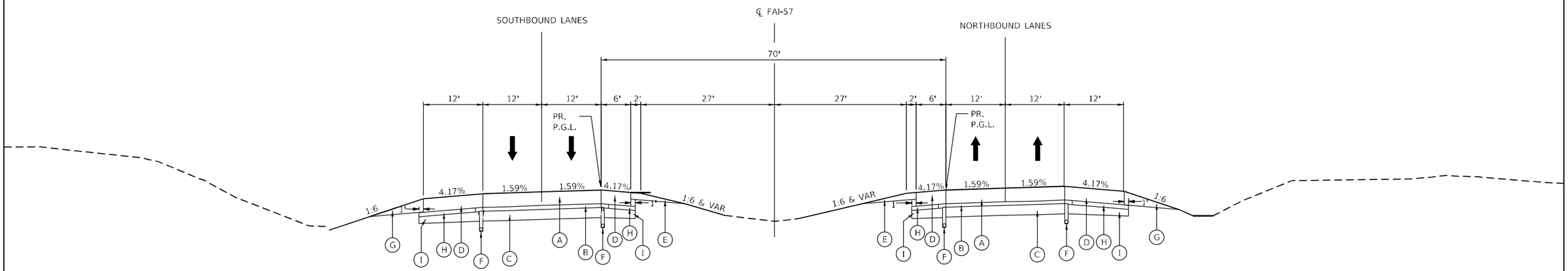
USER NAME = mobrien	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 2/16/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: | SHEET 3 OF 6 SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	13
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	



FAI-57 PROPOSED SUPERELEVATED TYPICAL SECTION

STA. 1481+11.95 TO STA. 1516+42.11

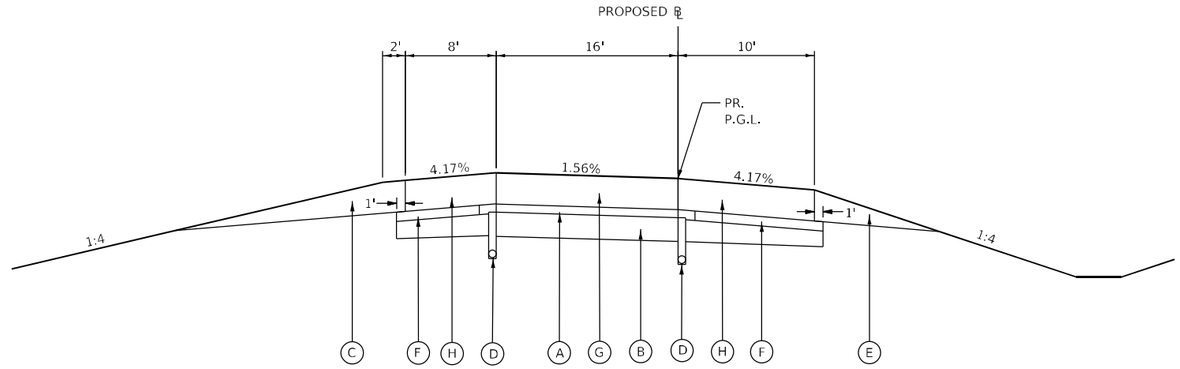
SE 0.0159 FT/FT
ATT. STA. 1479+23.99 R1 TO 1481+11.95 R2
REM. STA. 1516+42.11 R2 TO 1518+31.11 R2
TR = 92.56'
SE RUNOFF = 95.41'

LEGEND

- (A) PROPOSED CONTINUOUSLY REINFORCED P.C.C. PAVEMENT (11 3/4")
- (B) PROPOSED STABILIZED SUBBASE - HMA, 4"
- (C) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (D) PROPOSED PCC SHOULDER (11 3/4")
- (E) PROPOSED AGGREGATE SHOULDER, TY A
- (F) PROPOSED PIPE UNDERDRAINS (6")
- (G) PROPOSED AGGREGATE WEDGE
- (H) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 4"
- (I) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A

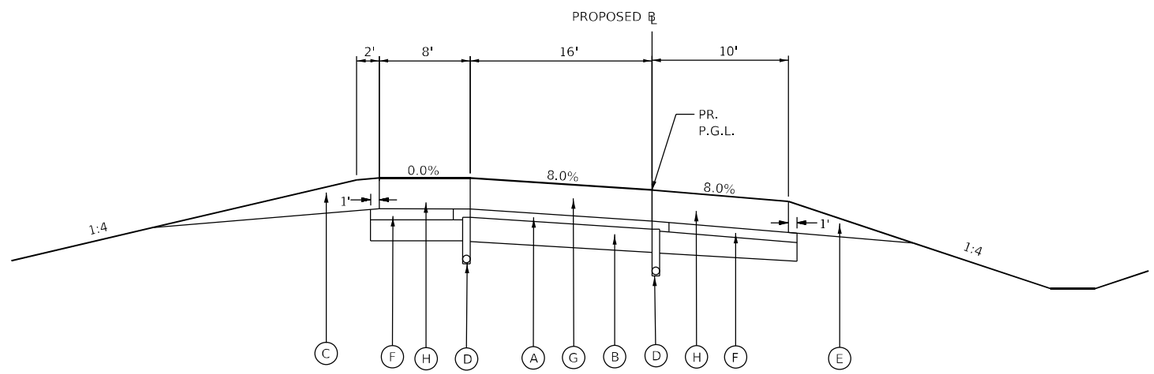
MODEL: Default
FILE NAME: K:\8137_IDOT_I08_I57\CAD_Sheets\U2376F79-sht-typicals.dgn

HMG Engineers • Surveyors HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 14
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)



FAI-57/IL 161 INTERCHANGE RAMPS PROPOSED TYPICAL SECTION (PROPOSED BASELINES)

RAMP A: STA. 104+04.22 TO STA. 117+76.71
RAMP B: STA. 205+22.97 TO STA. 218+02.88
RAMP C: STA. 303+99.99 TO STA. 317+57.21
RAMP D: STA. 406+29.14 TO STA. 417+95.40



FAI-57/IL 161 INTERCHANGE RAMPS PROPOSED SUPER ELEVATED TYPICAL SECTION (PROPOSED BASELINES)

RAMP A: STA. 108+81.16 TO STA. 113+07.08
RAMP B: STA. 208+04.77 TO STA. 215+35.56
RAMP C: STA. 308+67.68 TO STA. 314+15.59
RAMP D: STA. 409+54.86 TO STA. 415+27.88

NOTE: SEE SUPERELEVATION DETAIL SHEETS FOR TRANSITION INFORMATION

LEGEND

- (A) PROPOSED STABILIZED SUBBASE - HMA, 4"
- (B) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (C) 9" PROPOSED AGGREGATE SHOULDER, TY A
- (D) PROPOSED PIPE UNDERDRAINS (6")
- (E) PROPOSED AGGREGATE WEDGE
- (F) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 4"
- (G) PROPOSED JOINTED PCC PAVEMENT (9")
- (H) PROPOSED PCC SHOULDER (9")

MODEL: Default
FILE NAME: K:\8137_IDOT_D8_IS7\CAD_Sheets\076F79-sht-typical.dgn

HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

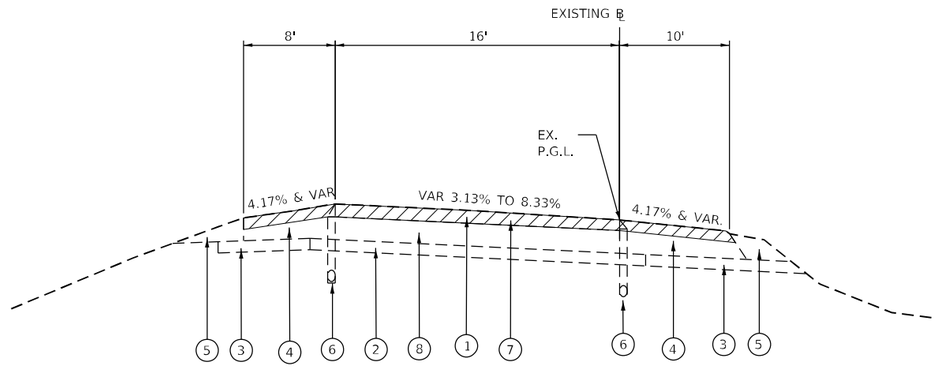
USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: | SHEET 5 OF 6 SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	15
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	



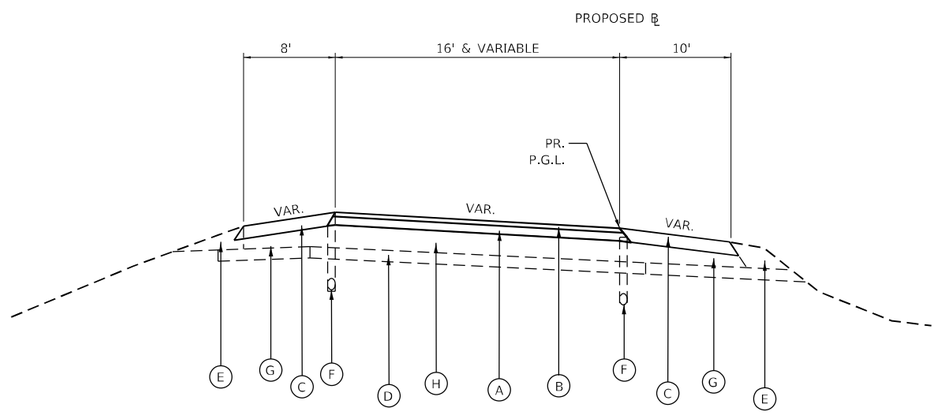
I-57/IL 161 INTERCHANGE RAMP RESURFACING
EXISTING TYPICAL SECTION (EXISTING BASELINES)

RAMP A: STA. 15+00.17 TO STA. 18+45.55
RAMP B: STA. 100+32.16 TO STA. 105+22.97
RAMP C: STA. 215+41.85 TO STA. 218+22.82
RAMP D: STA. 300+38.24 TO STA. 306+29.14

LEGEND

1. HOT-MIX ASPHALT SURFACE REMOVAL, 5 1/4"
2. EXISTING STABILIZED SUB-BASE BITUMINOUS AGGREGATE MIXTURE (4")
3. EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C (4")
4. EXISTING H.M.A. SHOULDERS (13 1/4")
5. EXISTING AGGREGATE SHOULDER WEDGE
6. EXISTING PIPE UNDERDRAINS (4")
7. EXISTING HMA SURFACING (5 1/4")
8. EXISTING PCC PAVEMENT (8")

HMA SURFACE REMOVAL (5 1/4")



FAI-57/IL 161 INTERCHANGE RAMP PROPOSED RESURFACING
TYPICAL SECTION (PROPOSED BASELINES)

RAMP A: STA. 117+76.71 TO STA. 121+22.08
RAMP B: STA. 218+03.27 TO STA. 227+52.88
RAMP C: STA. 317+57.22 TO STA. 320+38.18
RAMP D: STA. 417+95.58 TO STA. 427+42.20

LEGEND

A. PROPOSED HMA BINDER COURSE, 3-3/4"
B. PROPOSED HMA SURFACE COURSE, 1-1/2"
C. PROPOSED HMA SHOULDERS, 5-1/4"
D. EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C (4")
E. EXISTING AGGREGATE SHOULDER WEDGE
F. EXISTING PIPE UNDER DRAINS
G. EXISTING HMA SHOULDERS
H. EXISTING PCC PAVEMENT (8")

MODEL: Default
FILE NAME: K:\0137_IDOT_D8_I57\CAD_Sheets\D876F79-sht-typicals.dgn

HMG
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
Engineers • Surveyors (618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 2/16/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: | SHEET 6 OF 6 SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	16
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	

TREE REMOVAL SCHEDULE

LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT	TREE REMOVAL (OVER 15 UNITS DIAMETER) UNIT	TREE REMOVAL, ACRES ACRE
STAGE 1			
FAI-57 NORTHBOUND			
STA. 1374+40.00 RT TO STA. 1424+91.30 RT	18.0	18.0	1.43
STA. 1427+19.90 RT TO STA. 1479+76.01 RT	245.0	18.0	0.82
STA. 1479+76.01 RT TO STA. 1512+77.08 RT	20.0	18.0	0.2
STA. 1557+89.29 RT TO STA. 1571+00.00 RT			0.002
RAMP A			
STA 100+00.52 RT TO STA. 117+76.11 RT	36.0		2.37
RAMP B			
STA 205+22.87 RT TO STA. 227+52.12 RT	24.0		0.50
STAGE 2			
FAI-57 SOUTHBOUND			
STA. 1374+40.00 RT TO STA. 1424+91.30 LT	46.0	18.0	1.14
STA. 1427+19.90 RT TO STA. 1479+74.81 LT			0.74
STA. 1479+74.81 RT TO STA. 1521+93.18 LT	47.0		0.27
STA. 1553+92.11 RT TO STA. 1571+00.00 LT			0.003
RAMP C			
STA 300+00.53 RT TO STA. 317+56.85 RT	50.0	136.0	0.37
RAMP D			
STA 406+29.46 RT TO STA. 414+90.02 RT	48.0	24.0	1.24
TOTALS	**534**	**232**	**9.25**

EARTHWORK SCHEDULE

	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE (+) WASTE OR (-) SHORTAGE CU YD
STAGE 1				
FAI-57 NORTHBOUND				
STA. 1374+40 TO STA. 1571+00	95,353.7	71,515.3	6,732.0	64,783.3
RAMP A				
STA. 108+00 TO STA. 117+76.71	13,290.3	9,967.7	15,945.3	-5,977.6
RAMP B				
STA. 205+22.97 TO STA. 214+50	8,718.7	6,539.0	989.9	5,549.1
STAGE 2				
FAI-57 SOUTHBOUND				
STA. 1374+40 TO STA. 1571+00	96,395.5	72,296.6	6,902.1	65,394.5
RAMP C				
STA. 308+00 TO STA. 318+00	2,929.9	2,197.4	1,687.8	509.6
RAMP D				
STA. 406+00 TO STA. 414+50	5,882.6	4,412.0	2,943.4	1,468.6
TOTALS	**222,571**	**166,928**	**35,201**	**131,728**

NOTE: SEE PAGE 128 FOR ADDITIONAL SCHEDULES

EROSION CONTROL & SEEDING SCHEDULE

	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	TEMPORARY EROSION CONTROL BLANKET
	ACRE	POUND	POUND	POUND	TON	ACRE	SQ YD	POUND	FOOT	FOOT	EACH	SQ YD
STAGE 1												
FAI-57 NORTHBOUND												
STA. 1374+40.00 RT TO STA. 1424+91.30 RT	5.50	495.0	495.0	495.0	11.0	5.50	26,620.0	1,650.0	1,014.0			26,620.0
STA. 1427+19.90 RT TO STA. 1479+76.01 RT	5.69	512.1	512.1	512.1	11.4	5.69	27,539.6	1,707.0	689.0			27,539.6
STA. 1479+76.01 RT TO STA. 1512+77.08 RT	2.38	214.2	214.2	214.2	4.8	2.38	11,519.2	714.0	143.0	1,644.1		11,519.2
STA. 1519+36.07 RT TO STA. 1545+28.20 RT	1.05	94.5	94.5	94.5	2.1	1.05	5,082.0	315.0	65.0	872.0		5,082.0
STA. 1557+89.29 RT TO STA. 1571+00.00 RT	0.83	74.8	74.8	74.8	1.7	0.83	4,023.0	249.4	169.0			4,023.0
RAMP A												
STA. 106+60.40 LT TO STA. 117+76.11 LT	1.99	179.1	179.1	179.1	4.0	1.99	9,631.6	597.0	39.0		1.0	9,631.6
STA. 100+00.00 RT TO STA. 117+76.11 RT	3.45	310.5	310.5	310.5	6.9	3.45	16,698.0	1,035.0	91.0			16,698.0
RAMP B												
STA. 205+22.87 LT TO STA. 214+37.60 LT	0.68	61.2	61.2	61.2	1.4	0.68	3,291.2	204.0	52.0			3,291.2
STA. 205+22.87 RT TO STA. 227+52.12 RT	1.81	162.9	162.9	162.9	3.6	1.81	8,760.4	543.0	169.0		1.0	8,760.4
STAGE 2												
FAI-57 SOUTHBOUND												
STA. 1374+40.00 LT TO STA. 1424+91.30 LT	4.51	405.9	405.9	405.9	9.0	4.51	21,828.4	1,353.0	988.0		3.0	21,828.4
STA. 1427+19.90 LT TO STA. 1479+74.00 LT	4.34	390.6	390.6	390.6	8.7	4.34	21,005.6	1,302.0	728.0		2.0	21,005.6
STA. 1479+74.81 LT TO STA. 1521+93.18 LT	2.16	194.4	194.4	194.4	4.3	2.16	10,454.4	648.0	117.0	2,483.7		10,454.4
STA. 1521+98.70 LT TO STA. 1547+34.02 LT	0.98	88.2	88.2	88.2	2.0	0.98	4,743.2	294.0	26.0	959.0	1.0	4,743.2
STA. 1553+92.11 LT TO STA. 1571+00.00 LT	1.23	110.7	110.7	110.7	2.5	1.23	5,953.2	369.0	234.0			5,953.2
RAMP C												
STA. 306+59.30 LT TO STA. 317+57.25 LT	0.39	35.1	35.1	35.1	0.8	0.39	1,887.6	117.0	39.0			1,887.6
STA. 300+00.00 RT TO STA. 317+56.85 RT	1.36	122.4	122.4	122.4	2.7	1.36	6,582.4	408.0	91.0			6,582.4
RAMP D												
STA. 406+29.06 LT TO STA. 414+90.00 LT	1.16	104.4	104.4	104.4	2.3	1.16	5,614.4	348.0	52.0			5,614.4
STA. 406+29.46 RT TO STA. 414+90.00 RT	2.37	213.3	213.3	213.3	4.7	2.37	11,470.8	711.0	52.0		1.0	11,470.8
STAGE 3												
STA. 1364+12 TO STA. 1581+88 (MEDIAN)	27.25	2,452.5	2,452.5	2,452.5	54.5	27.25	131,890.0	8,175.0	1,274.0		10.0	131,890.0
TOTALS	**69.25**	**6,222**	**6,222**	**6,222**	**138**	**69.25**	**334,596**	**20,739**	**6,032**	**5,959**	**19**	**334,596**

NOTES

NOTE: SEE PAGE 128 FOR ADDITIONAL SCHEDULES

MAIN LINE PAVEMENT SCHEDULE

LOCATION	SUBBASE GRANULAR MATERIAL, TYPE A	SUBBASE GRANULAR MATERIAL, TYPE A, 12"	SUBBASE GRANULAR MATERIAL, TYPE A, 4"	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	HOT-MIX ASPHALT BASE COURSE WIDENING, 14"	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11.75"	PAVEMENT REINFORCEMENT	TRANSVERSE TERMINAL JOINT COMPLETE 24'	PROTECTIVE COAT	PAVEMENT REMOVAL	PAVED DITCH REMOVAL	PAVED SHOULDER REMOVAL	AGGREGATE SHOULDERS, TYPE A	AGGREGATE WEDGE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDERS, 8"	HOT-MIX ASPHALT SHOULDERS, 10"	HOT-MIX ASPHALT SHOULDERS, 12.5"	PORTLAND CEMENT CONCRETE SHOULDERS, 11.75"
	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	EACH	SQ YD	SQ YD	FOOT	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD
PRE-STAGE																			
MEDIAN CROSSOVER SOUTH																			
STA. 1364+12.00 TO STA. 1372+00.00		2893.8				2818.4				2818.4			700.4			757.0			
MEDIAN CROSSOVER NORTH																			
STA. 1574+00.00 TO STA. 1581+88.00		2,893.8				2,818.4				2,818.4			1,400.9			757.0			
STAGE 1																			
FAI-57 NORTHBOUND																			
STA. 1372+00.00 TO STA. 1374+40					373.3						373.3		106.7						
STA. 1374+40.00 TO STA. 1512+77.00	17,361.5	36,898.7	27,674.0	39,973.6	21,524.2		36,898.7	36,898.7	1	64,572.7	60,095.8	501.7	21,271.3	6,103.9	3,970.0				27,674.0
STA. 1512+77.00 TO STA. 1516+74.52	191.7	1,540.1	265.0	1,641.5	618.4		1,553.2	1,553.2		1,818.2	1,795.9		632.0	175.4	114.1				265.0
STA. 1516+74.52 TO STA. 1519+35.55	125.9	1,532.2	174.0	754.1	406.0		696.1	696.1		870.1	1,294.6		335.5	115.1	74.9				174.0
STA. 1519+35.55 TO STA. 1533+49.65	1,840.3	3,771.5	2,828.2	4,085.2	2,199.7		3,770.9	3,770.9		6,599.1	7,013.2		5,476.1	623.8	413.0				2,828.2
STA. 1533+49.65 TO STA. 1534+05.05	72.1	147.7	110.8	160.0	86.2		147.7	147.7		258.5	274.8			24.4					110.8
STA. 1534+05.05 TO STA. 1545+29.46	1,463.3	2,998.4	2,248.8	3,248.3	1,749.1		2,998.4	2,998.4		5,247.2	5,576.5			496.0	329.0				2,248.8
STA. 1545+29.46 TO STA. 1548+36.38	148.0	1,777.9	204.6	886.7	477.4		818.5	818.5		1,023.1	1,244.2		403.0	135.4					204.6
STA. 1548+36.38 TO STA. 1558+00.06	464.6	3,869.2	642.5	3,854.2	1,499.1		3,640.0	3,640.0		4,282.5	3,440.8		1,438.7	425.1	281.4				642.5
STA. 1558+00.06 TO STA. 1571+00.00	1,691.7	3,466.5	2,599.9	3,755.4	2,022.1		3,466.5	3,466.5	1	6,066.4	4,641.4		2,814.9	573.4	379.6				2,599.9
STA. 1571+00.00 TO STA. 1574+00.00					466.7						466.7		266.7						
STAGE 2																			
FAI-57 SOUTHBOUND																			
STA. 1372+00.00 TO STA. 1374+40.00																	213.3		
STA. 1374+40.00 TO STA. 1508+91.33	16,937.5	35,870.2	26,902.7	38,859.4			35,870.2	35,870.2	1	62,772.9	35,872.1	75.9	23,652.2	5,933.8	3,932.0		8,967.6		26,902.7
STA.1508+91.33TO STA. 1518+89.57	481.3	4,019.3	665.5	3,993.0			3,771.1	3,771.1		4,436.6	2,776.4		1,292.5	440.4	291.8		665.5		665.5
STA. 1518+89.57 TO STA. 1521+96.50	148.0	1,781.5	204.6	886.8			818.5	818.5		1,023.1	884.2		424.0	135.4			204.6		204.6
STA. 1521+96.50 TO STA. 1533+49.65	1,500.7	3,075.1	2,306.3	3,331.3			3,075.0	3,075.0		5,381.3	3,322.2		5,355.8	508.7	325.7		768.8		2,306.3
STA. 1533+49.65 TO STA. 1534+05.05	72.1	147.7	110.8	160.0			147.7	147.7		258.5	159.6			24.4			36.9		110.8
STA. 1534+05.05 TO STA. 1547+33.46	1,728.8	3,542.4	2,656.8	3,837.6			3,542.4	3,542.4		6,199.2	3,827.1			586.0	388.3		885.6		2,656.8
STA. 1547+33.46 TO STA. 1549+93.60	125.4	1,528.8	173.4	751.5			693.7	693.7		867.1	680.8		381.8	114.8			173.4		173.4
STA. 1549+93.60 TO STA. 1550+93.13	48.0	476.2	66.4	487.7			465.6	465.6		532.0	236.9		88.5	43.9			66.4		66.4
STA. 1550+93.13 TO STA. 1553+92.11	144.1	1,068.7	199.3	863.7			797.3	797.3		996.6	711.6		590.8	131.9	87.4		199.3		199.3
STA. 1553+92.11 TO STA. 1571+00.00	2,222.6	4,554.4	3,415.8	4,933.9			4,554.4	4,554.4	1	7,970.2	4,065.2		3,795.3	753.4	499.2		1,138.6		3,415.8
STA. 1571+00.00 TO STA. 1574+00.00													275.0				200.0		
STAGE 3																			
FAI-57 NORTHBOUND																			
STA 1364+12.00 TO 1374+40.00															257.6			456.9	
STA 1571+00.00 TO 1581+88.00															272.7			967.1	
FAI-57 SOUTHBOUND																			
STA 1364+12.00 TO 1374+40															257.6			456.9	
STA 1372+00.00 TO 1574+00.00													13,520.0						
STA 1571+00.00 TO 1581+88.00															272.7			967.1	
TOTALS	**46,768**	**117,054**	**73,449**	**116,464**	**31,422**	**5,637**	**107,726**	**107,726**	**4**	**186,812**	**138,754**	**578**	**84,223**	**17,345**	**12,147**	**1,514**	**13,520**	**2,848**	**73,450**

NOTES:

NOTE: SEE PAGE 128 FOR ADDITIONAL SCHEDULES

RAMP PAVEMENT SCHEDULE

	SUBBASE GRANULAR MATERIAL, TYPE A, 12"	SUBBASE GRANULAR MATERIAL, TYPE A, 4"	BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMP	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	HOT-MIX ASPHALT PAVEMENT REMOVAL, 5.25"	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	PROTECTIVE COAT	PAVEMENT REMOVAL	PAVED DITCH REMOVAL	PAVED SHOULDER REMOVAL	AGGREGATE SHOULDERS, TYPE A	AGGREGATE WEDGE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDERS, 5.25"	PORTLAND CEMENT CONCRETE SHOULDERS, 9"	PORTLAND CEMENT CONCRETE SHOULDERS, 11.75"
	SQ YD	SQ YD	LBS	SQ YD	SQ YD	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD
RAMP A																		
STA. 100+00.00 TO STA. 104+00.00		444.4								444.4	546.3		127.7					444.4
STA. 104+00.00 TO STA. 106+60.00		288.9			520				462.2	1132.7	355.0		317.8		27.8		289.3	381.2
STA. 106+60.00 TO STA. 117+76.71	4463.8	2232.8		31.1	2233.4				1985.3	4218.0	1525.1		2144.2	240.8	119.2		2232.7	
STA. 117+76.71 TO STA. 121+22.08			1054.0	136.1		1559.0	70.7	179.5								720.4		
RAMP B																		
STA. 200+32.16 TO STA. 205+22.90			1404.0	136.1		2077.2	91.4	232.2			749.2					993.1		
STA. 205+22.90 TO STA. 214+97.73	3659.0	1949.7		31.1	1949.6				1733.1	3682.7	1488.3		1930.3	197.0	97.9		1949.6	
STA.214+97.73 TO STA. 218+03.27		339.5			611.1				543.2	1296.9	466.5		373.5		39.1		339.5	414.2
STA.218+03.27 TO STA. 227+52.88		1055.1								1055.6			619.3					1055.6
RAMP C																		
STA. 300+00.00 TO STA. 304+00.00		444.4								444.4	560.1		189.6					444.4
STA. 304+00.00 TO STA. 306+60.00		288.9			520.0				462.2	1133.0	364.1		317.8		27.8		289.6	381.2
STA. 306+60.00 TO STA. 317+57.22	4388.8	2194.4		31.1	2194.4				1950.6	4143.8	1536.4		2070.7	236.6	117.5		2193.2	
STA. 317+57.22 TO STA. 320+38.18			860.0	136.1		1269.8	59.4	150.4								564.6		
RAMP D																		
STA. 400+38.24 TO STA. 406+29.26			1663.0	136.1		2399.8	107.1	272.4			850.8					1192.7		
STA. 406+29.26 TO STA. 414+90.03	3443.6	1721.5		31.1	1721.5				1530.5	2486.9	1239.0	64.5	1666.5	185.6	92.2		956.4	
STA. 414+90.03 TO STA. 417+95.58		339.5			611.1				543.2	2055.2	439.8		356.6		32.7		1104.6	407.4
STA. 417+95.58 TO STA. 427+45.20		1055.1								1055.1			689.9					1055.1
TOTALS	**15958**	**12354**	**4981**	**669**	**10361**	**7306**	**329**	**835**	**9210**	**23149**	**10121**	**65**	**10804**	**860**	**554**	**3471**	**9355**	**4584**

NOTES:

NOTE: SEE PAGE 128 FOR ADDITIONAL SCHEDULES

DRAINAGE REMOVAL ITEMS SCHEDULE OF QUANTITIES

	PIPE CULVERT REMOVAL	CONCRETE HEADWALL REMOVAL
	FOOT	EACH
STAGE 1		
FAI-57 NORTHBOUND		
STA. 1383+01.62 AT 89.2' RT	4.0	1
STA. 1398+51.30 AT 95.7' RT	4.0	1
STA. 1411+00.00 AT 89.0' RT	4.0	1
STA. 1441+00.91 AT 88.5' RT	4.0	1
STA. 1548+38.14 AT 106.9' RT	4.0	1
RAMP A		
STA. 113+15.51 AT 78.8' RT	4.0	1
STA. 113+22.96 AT 90.4' LT	51.8	
RAMP B		
STA. 206+20.35 AT 58.4' LT	20.0	1
STAGE 2		
FAI-57 SOUTHBOUND		
STA. 1548+37.80 AT 119.2' LT	4.0	1
RAMP D		
STA. 410+86.20 AT 44.2' LT	40.0	1
STA. 410+89.47 AT 23.4' RT	4.0	1
TOTALS	**144**	**10**

DRAINAGE SCHEDULE OF QUANTITIES

	SLOTTED DRAIN 12" WITH VARIABLE SLOT	SLOTTED DRAIN 18" WITH VARIABLE SLOT	STONE RIPRAP, CLASS A4	FILTER FABRIC	PIPE CULVERTS TO BE CLEANED 24"
	FOOT	FOOT	TON	SQ YD	FOOT
PRE-STAGE					
STA. 1267+46.00 TO 1368+66.00	120				
STA. 1577+34.00 TO 1578+54.00		120			
STAGE 1					
FAI-57 NORTHBOUND					
STA. 1383+01.62 AT 96' RT			12.9	19.4	
STA. 1387+62.45 AT 97' RT			28.5	42.8	
STA. 1391+01.59 AT 93' RT			12.3	18.4	
STA. 1398+51.30 AT 96' RT			58.4	87.7	
STA. 1405+01.59 AT 100' RT			42.1	63.2	
STA. 1411+00.00 AT 104' RT			12.6	18.9	
STA. 1424+90.24 AT 99' RT			41.7	62.6	
STA. 1427+11.08 AT 94' RT			21.0	31.5	
STA. 1439+00.00 AT 96' RT			84.4	126.6	
STA. 1441+00.00 AT 98' RT			14.0	21.0	
STA. 1450+00.00 AT 96' RT			22.5	33.8	
STA. 1469+00.00 AT 102' RT			52.5	78.8	
STA. 1548+38.14 AT 119' RT			15.7	23.5	
RAMP A					
STA.113+15.51 AT 86' RT			11.4	17.1	
STAGE 2					
FAI-57 SOUTHBOUND					
STA. 1383+93.33 AT 98' LT			29.1	43.6	
STA. 1398+51.51 AT 97' LT			10.6	16.0	
STA. 1405+01.59 AT 104' LT			43.0	64.5	
STA. 1424+90.24 AT 94' LT			16.9	25.4	
STA. 1427+11.08 AT 88' LT			24.1	36.2	
STA. 1439+00.00 AT 95' LT			62.2	93.4	
STA. 1469+00.00 AT 97' LT			9.5	14.3	
STA. 1520+00 LT					163
STA. 1548+37.80 AT 132' LT			14.3	21.4	
RAMP D					
STA. 410+86.20 AT 57' LT			14.5	21.7	
STA. 410+89.47 AT 72' RT			17.8	26.7	
RAMP C					
STA. 206+20.35 AT 69' LT			14.0	21.0	
TOTALS	**120**	**120**	**686**	**1030**	**163**

NOTES

NOTE: SEE PAGE 128 FOR ADDITIONAL SCHEDULES

PIPE CULVERT SCHEDULE OF QUANTITIES

	TRENCH BACKFILL	PIPE CULVERTS, CLASS A, TYPE 1, 24"	PIPE CULVERTS, CLASS A, TYPE 1, 36"	PIPE CULVERTS, CLASS A, TYPE 1, 42"	PIPE CULVERTS, CLASS A, TYPE 2, 36"	PIPE CULVERTS, CLASS A, TYPE 3, 24"	PIPE CULVERTS, CLASS C, TYPE 1 12"	PIPE CULVERTS, CLASS C, TYPE 1 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	CONCRETE COLLAR	BEVELED PIPE AND GUARD
	CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	CU YD	EACH
PRE-STAGE														
MEDIAN CROSS OVER SOUTH														
STA 1365+52 TO STA 1367+46	4.3						177							1
STA 1367+46 TO STA 1368+66														
MEDIAN CROSS OVER NORTH														
STA 1575+40 TO STA 1577+34	3.5							177						1
STA 1577+34 TO STA 1578+54														
STA 1578+54 TO STA 1580+20	3.5							149						1
STAGE 1														
FAI-57 NORTHBOUND														
STA. 1383+01.62 AT 89.2' RT		6.0							1				0.44	
STA. 1398+51.30 AT 95.7' RT			6.0							1			0.66	
STA. 1411+00.00 AT 89.0' RT		8.0							1				0.44	
STA. 1441+00.91 AT 88.5' RT		6.0							1				0.44	
STA. 1548+38.14 AT 106.9' RT				4.0							1		0.80	
RAMP A														
STA.113+15.51 AT 78.8' RT						50.0			1				0.44	
STA. 113+22.96 AT 90.4' LT		4.0										1	0.44	
RAMP B														
STA. 206+20.35 AT 58.4' LT		4.0							1				0.44	
STAGE 2														
FAI-57 SOUTHBOUND														
STA. 1548+37.80 AT 119.2' LT				12.0							1		0.80	
RAMP D														
STA. 410+86.20 AT 44.2' LT			4.0							1			0.66	
STA. 410+89.47 AT 23.4' RT	3.3				32.0					1			0.66	
TOTALS	**15**	**28.0**	**10**	**16**	**32**	**50**	**177**	**326**	**5**	**3**	**2**	**1**	**6.2**	**3**

NOTES

NOTE: SEE PAGE 128 FOR ADDITIONAL SCHEDULES

PIPE UNDER DRAIN SCHEDULE OF QUANTITIES

LOCATION	OUTLET STATION	CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDERDRAINS 6" (SPECIAL)	PIPE UNDERDRAINS, TYPE 1, 6"	PIPE UNDERDRAIN REMOVAL (SPECIAL)	REMOVE CONCRETE HEADWALLS FOR PIPE UNDERDRAINS
		EACH	FOOT	FOOT	FOOT	EACH
STAGE 1						
FAI-57 NORTHBOUND						
LT STA 1374+40 TO STA 1379+00	LT STA 1379+00	1	22.0	460.0	460.0	1
RT STA 1374+40 TO STA 1379+00	RT STA 1379+00	1	22.0	460.0	460.0	1
LT STA 1379+04 TO STA 1383+00	LT STA 1383+00	1	22.0	396.0	396.0	1
RT STA 1379+04 TO STA 1383+00	RT STA 1383+00	1	22.0	396.0	396.0	1
LT STA 1383+04 TO STA 1388+00	LT STA 1388+00	1	22.0	496.0	496.0	1
RT STA 1383+04 TO STA 1388+00	RT STA 1388+00	1	22.0	496.0	496.0	1
LT STA 1388+04 TO STA 1392+00	LT STA 1392+00	1	22.0	396.0	396.0	1
RT STA 1388+04 TO STA 1392+00	RT STA 1392+00	1	22.0	396.0	396.0	1
LT STA 1392+04 TO STA 1396+00	LT STA 1396+00	1	22.0	396.0	396.0	1
RT STA 1392+04 TO STA 1396+00	RT STA 1396+00	1	22.0	396.0	396.0	1
LT STA 1396+04 TO STA 1400+00	LT STA 1400+00	1	22.0	396.0	396.0	1
RT STA 1396+04 TO STA 1400+00	RT STA 1400+00	1	22.0	396.0	396.0	1
LT STA 1400+04 TO STA 1404+00	LT STA 1404+00	1	22.0	396.0	396.0	1
RT STA 1400+04 TO STA 1404+00	RT STA 1404+00	1	22.0	396.0	396.0	1
LT STA 1404+04 TO STA 1408+00	LT STA 1408+00	1	22.0	396.0	396.0	1
RT STA 1404+04 TO STA 1408+00	RT STA 1408+00	1	22.0	396.0	396.0	1
LT STA 1408+04 TO STA 1412+00	LT STA 1408+04	1	22.0	396.0	396.0	1
RT STA 1408+04 TO STA 1412+00	RT STA 1408+04	1	22.0	396.0	396.0	1
LT STA 1412+04 TO STA 1417+00	LT STA 1412+04	1	22.0	496.0	496.0	1
RT STA 1412+04 TO STA 1417+00	RT STA 1412+04	1	22.0	496.0	496.0	1
LT STA 1417+04 TO STA 1420+00	LT STA 1420+00	1	22.0	296.0	296.0	1
RT STA 1417+04 TO STA 1420+00	RT STA 1420+00	1	22.0	296.0	296.0	1
LT STA 1420+04 TO STA 1424+00	LT STA 1424+00	1	22.0	396.0	396.0	1
RT STA 1420+04 TO STA 1424+00	RT STA 1424+00	1	22.0	396.0	396.0	1
LT STA 1424+04 TO STA 1428+00	LT STA 1428+00	1	22.0	396.0	396.0	1
RT STA 1424+04 TO STA 1428+00	RT STA 1428+00	1	22.0	396.0	396.0	1
LT STA 1428+04 TO STA 1432+00	LT STA 1432+00	1	22.0	396.0	396.0	1
RT STA 1428+04 TO STA 1432+00	RT STA 1432+00	1	22.0	396.0	396.0	1
LT STA 1432+04 TO STA 1436+00	LT STA 1436+00	1	22.0	396.0	396.0	1
RT STA 1432+04 TO STA 1436+00	RT STA 1436+00	1	22.0	396.0	396.0	1
LT STA 1436+04 TO STA 1439+50	LT STA 1439+50	1	22.0	346.0	346.0	1
RT STA 1436+04 TO STA 1439+50	RT STA 1439+50	1	22.0	346.0	346.0	1
LT STA 1439+54 TO STA 1444+00	LT STA 1439+50	1	22.0	446.0	446.0	1
RT STA 1439+54 TO STA 1444+00	RT STA 1439+50	1	22.0	446.0	446.0	1
LT STA 1444+04 TO STA 1449+00	LT STA 1444+04	1	22.0	496.0	496.0	1
RT STA 1444+04 TO STA 1449+00	RT STA 1444+04	1	22.0	496.0	496.0	1
LT STA 1449+04 TO STA 1454+00	LT STA 1449+04	1	22.0	496.0	496.0	1
RT STA 1449+04 TO STA 1454+00	RT STA 1449+04	1	22.0	496.0	496.0	1
LT STA 1454+04 TO STA 1459+00	LT STA 1454+04	1	22.0	496.0	496.0	1
RT STA 1454+04 TO STA 1459+00	RT STA 1454+04	1	22.0	496.0	496.0	1
LT STA 1459+04 TO STA 1464+00	LT STA 1464+00	1	22.0	496.0	496.0	1
RT STA 1459+04 TO STA 1464+00	RT STA 1464+00	1	22.0	496.0	496.0	1
LT STA 1464+04 TO STA 1469+00	LT STA 1469+00	1	22.0	496.0	496.0	1
RT STA 1464+04 TO STA 1469+00	RT STA 1469+00	1	22.0	496.0	496.0	1

NOTE: SEE PAGE 128 FOR ADDITIONAL SCHEDULES

PIPE UNDER DRAIN SCHEDULE OF QUANTITIES

LOCATION	OUTLET STATION	CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDERDRAINS 6" (SPECIAL)	PIPE UNDERDRAINS, TYPE 1, 6"	PIPE UNDERDRAIN REMOVAL (SPECIAL)	REMOVE CONCRETE HEADWALLS FOR PIPE UNDERDRAINS
		EACH	FOOT	FOOT	FOOT	EACH
STAGE 1						
FAI-57 NORTHBOUND						
LT STA 1469+04 TO STA 1474+00	LT STA 1474+00	1	22.0	496.0	496.0	1
RT STA 1469+04 TO STA 1474+00	RT STA 1474+00	1	22.0	496.0	496.0	1
LT STA 1474+04 TO STA 1479+00	LT STA 1479+00	1	22.0	496.0	496.0	1
RT STA 1474+04 TO STA 1479+00	RT STA 1479+00	1	22.0	496.0	496.0	1
LT STA 1479+04 TO STA 1484+00	LT STA 1484+00	1	22.0	496.0	496.0	1
RT STA 1479+04 TO STA 1484+00	RT STA 1484+00	1	22.0	496.0	496.0	1
LT STA 1484+04 TO STA 1487+00	LT STA 1487+00	1	22.0	296.0	296.0	1
RT STA 1484+04 TO STA 1487+00	RT STA 1487+00	1	22.0	296.0	296.0	1
LT STA 1487+04 TO STA 1492+00	LT STA 1492+00	1	22.0	496.0	496.0	1
RT STA 1487+04 TO STA 1492+00	RT STA 1492+00	1	22.0	496.0	496.0	1
LT STA 1492+04 TO STA 1497+00	LT STA 1497+00	1	22.0	496.0	496.0	1
RT STA 1492+04 TO STA 1497+00	RT STA 1497+00	1	22.0	496.0	496.0	1
LT STA 1497+04 TO STA 1502+00	LT STA 1502+00	1	22.0	496.0	496.0	1
RT STA 1497+04 TO STA 1502+00	RT STA 1502+00	1	22.0	496.0	496.0	1
LT STA 1502+04 TO STA 1507+00	LT STA 1507+00	1	22.0	496.0	496.0	1
RT STA 1502+04 TO STA 1507+00	RT STA 1507+00	1	22.0	496.0	496.0	1
LT STA 1507+04 TO STA 1512+00	LT STA 1512+00	1	22.0	496.0	496.0	1
RT STA 1507+04 TO STA 1512+00	RT STA 1512+00	1	22.0	496.0	496.0	1
LT STA 1512+04 TO STA 1517+00	LT STA 1517+00	1	22.0	496.0	496.0	1
LT STA 1517+04 TO STA 1521+30	LT STA 1521+30	1	22.0	426.0	426.0	1
LT STA 1521+34 TO STA 1526+00	LT STA 1521+34	1	22.0	466.0	466.0	1
RT STA 1521+34 TO STA 1526+00	RT STA 1521+34	1	22.0	466.0	466.0	1
LT STA 1526+04 TO STA 1531+00	LT STA 1526+04	1	22.0	496.0	496.0	1
RT STA 1526+04 TO STA 1531+00	RT STA 1526+04	1	22.0	496.0	496.0	1
LT STA 1531+04 TO STA 1536+00	LT STA 1531+04	1	22.0	496.0	496.0	1
RT STA 1531+04 TO STA 1536+00	RT STA 1531+04	1	22.0	496.0	496.0	1
LT STA 1536+04 TO STA 1541+00	LT STA 1536+04	1	22.0	496.0	496.0	1
RT STA 1536+04 TO STA 1541+00	RT STA 1536+04	1	22.0	496.0	496.0	1
LT STA 1541+04 TO STA 1544+00	LT STA 1541+04	1	22.0	296.0	296.0	1
RT STA 1541+04 TO STA 1544+00	RT STA 1541+04	1	22.0	296.0	296.0	1
LT STA 1544+04 TO STA 1549+00	LT STA 1544+04	1	22.0	496.0	496.0	1
LT STA 1549+04 TO STA 1554+00	LT STA 1549+04	1	22.0	496.0	496.0	1
LT STA 1554+04 TO STA 1558+00	LT STA 1554+04	1	22.0	396.0	396.0	1
LT STA 1558+04 TO STA 1562+50	LT STA 1558+04	1	22.0	446.0	446.0	1
RT STA 1558+04 TO STA 1562+50	RT STA 1558+04	1	22.0	446.0	446.0	1
LT STA 1562+50 TO STA 1568+00	LT STA 1568+00	1	22.0	550.0	550.0	1
RT STA 1562+50 TO STA 1568+00	RT STA 1568+00	1	22.0	550.0	550.0	1
LT STA 1568+04 TO STA 1571+00	LT STA 1571+00	1	22.0	296.0	296.0	1
RT STA 1568+04 TO STA 1571+00	RT STA 1571+00	1	22.0	296.0	296.0	1
	TOTALS	83	1826	36674	36674	83

NOTES: * FLOWS INTO CULVERT

PIPE UNDER DRAIN SCHEDULE OF QUANTITIES

LOCATION	OUTLET STATION	CONCRETE HEADWALLS FOR PIPE DRAINS EACH	PIPE UNDERDRAINS 6" (SPECIAL) FOOT	PIPE UNDERDRAINS, TYPE 1, 6" FOOT	PIPE UNDERDRAIN REMOVAL (SPECIAL) FOOT	REMOVE CONCRETE HEADWALLS FOR PIPE UNDERDRAINS EACH
STAGE 2						
FAI-57 SOUTHBOUND						
LT STA 1374+40 TO STA 1379+00	LT STA 1379+00	1	22.0	460.0	460.0	1
RT STA 1374+40 TO STA 1379+00	RT STA 1379+00	1	22.0	460.0	460.0	1
LT STA 1379+04 TO STA 1383+00	LT STA 1383+00	1	22.0	396.0	396.0	1
RT STA 1379+04 TO STA 1383+00	RT STA 1383+00	1	22.0	396.0	396.0	1
LT STA 1383+04 TO STA 1388+00	LT STA 1388+00	1	22.0	496.0	496.0	1
RT STA 1383+04 TO STA 1388+00	RT STA 1388+00	1	22.0	496.0	496.0	1
LT STA 1388+04 TO STA 1392+00	LT STA 1392+00	1	22.0	396.0	396.0	1
RT STA 1388+04 TO STA 1392+00	RT STA 1392+00	1	22.0	396.0	396.0	1
LT STA 1392+04 TO STA 1396+00	LT STA 1396+00	1	22.0	396.0	396.0	1
RT STA 1392+04 TO STA 1396+00	RT STA 1396+00	1	22.0	396.0	396.0	1
LT STA 1396+04 TO STA 1400+00	LT STA 1400+00	1	22.0	396.0	396.0	1
RT STA 1396+04 TO STA 1400+00	RT STA 1400+00	1	22.0	396.0	396.0	1
LT STA 1400+04 TO STA 1404+00	LT STA 1404+00	1	22.0	396.0	396.0	1
RT STA 1400+04 TO STA 1404+00	RT STA 1404+00	1	22.0	396.0	396.0	1
LT STA 1404+04 TO STA 1408+00	LT STA 1408+00	1	22.0	396.0	396.0	1
RT STA 1404+04 TO STA 1408+00	RT STA 1408+00	1	22.0	396.0	396.0	1
LT STA 1408+04 TO STA 1412+00	LT STA 1408+04	1	22.0	396.0	396.0	1
RT STA 1408+04 TO STA 1412+00	RT STA 1408+04	1	22.0	396.0	396.0	1
LT STA 1412+04 TO STA 1417+00	LT STA 1412+04	1	22.0	496.0	496.0	1
RT STA 1412+04 TO STA 1417+00	RT STA 1412+04	1	22.0	496.0	496.0	1
LT STA 1417+04 TO STA 1420+00	LT STA 1420+00	1	22.0	296.0	296.0	1
RT STA 1417+04 TO STA 1420+00	RT STA 1420+00	1	22.0	296.0	296.0	1
LT STA 1420+04 TO STA 1424+00	LT STA 1424+00	1	22.0	396.0	396.0	1
RT STA 1420+04 TO STA 1424+00	RT STA 1424+00	1	22.0	396.0	396.0	1
LT STA 1424+04 TO STA 1428+00	LT STA 1428+00	1	22.0	396.0	396.0	1
RT STA 1424+04 TO STA 1428+00	RT STA 1428+00	1	22.0	396.0	396.0	1
LT STA 1428+04 TO STA 1432+00	LT STA 1432+00	1	22.0	396.0	396.0	1
RT STA 1428+04 TO STA 1432+00	RT STA 1432+00	1	22.0	396.0	396.0	1
LT STA 1432+04 TO STA 1436+00	LT STA 1436+00	1	22.0	396.0	396.0	1
RT STA 1432+04 TO STA 1436+00	RT STA 1436+00	1	22.0	396.0	396.0	1
LT STA 1436+04 TO STA 1439+50	LT STA 1439+50	1	22.0	346.0	346.0	1
RT STA 1436+04 TO STA 1439+50	RT STA 1439+50	1	22.0	346.0	346.0	1
LT STA 1439+54 TO STA 1444+00	LT STA 1439+50	1	22.0	446.0	446.0	1
RT STA 1439+54 TO STA 1444+00	RT STA 1439+50	1	22.0	446.0	446.0	1
LT STA 1444+04 TO STA 1449+00	LT STA 1444+04	1	22.0	496.0	496.0	1
RT STA 1444+04 TO STA 1449+00	RT STA 1444+04	1	22.0	496.0	496.0	1
LT STA 1449+04 TO STA 1454+00	LT STA 1449+04	1	22.0	496.0	496.0	1
RT STA 1449+04 TO STA 1454+00	RT STA 1449+04	1	22.0	496.0	496.0	1
LT STA 1454+04 TO STA 1459+00	LT STA 1454+04	1	22.0	496.0	496.0	1
RT STA 1454+04 TO STA 1459+00	RT STA 1454+04	1	22.0	496.0	496.0	1
LT STA 1459+04 TO STA 1464+00	LT STA 1464+00	1	22.0	496.0	496.0	1
RT STA 1459+04 TO STA 1464+00	RT STA 1464+00	1	22.0	496.0	496.0	1
LT STA 1464+04 TO STA 1469+00	LT STA 1469+00	1	22.0	496.0	496.0	1
RT STA 1464+04 TO STA 1469+00	RT STA 1469+00	1	22.0	496.0	496.0	1

PIPE UNDER DRAIN SCHEDULE OF QUANTITIES

LOCATION	OUTLET STATION	CONCRETE HEADWALLS FOR PIPE DRAINS EACH	PIPE UNDERDRAINS 6" (SPECIAL) FOOT	PIPE UNDERDRAINS, TYPE 1, 6" FOOT	PIPE UNDERDRAIN REMOVAL (SPECIAL) FOOT	REMOVE CONCRETE HEADWALLS FOR PIPE UNDERDRAINS EACH
STAGE 2						
FAI-57 SOUTHBOUND						
LT STA 1469+04 TO STA 1474+00	LT STA 1474+00	1	22.0	496.0	496.0	1
RT STA 1469+04 TO STA 1474+00	RT STA 1474+00	1	22.0	496.0	496.0	1
LT STA 1474+04 TO STA 1479+00	LT STA 1479+00	1	22.0	496.0	496.0	1
RT STA 1474+04 TO STA 1479+00	RT STA 1479+00	1	22.0	496.0	496.0	1
LT STA 1479+04 TO STA 1484+00	LT STA 1484+00	1	22.0	496.0	496.0	1
RT STA 1479+04 TO STA 1484+00	RT STA 1484+00	1	22.0	496.0	496.0	1
LT STA 1484+04 TO STA 1487+00	LT STA 1487+00	1	22.0	296.0	296.0	1
RT STA 1484+04 TO STA 1487+00	RT STA 1487+00	1	22.0	296.0	296.0	1
LT STA 1487+04 TO STA 1492+00	LT STA 1492+00	1	22.0	496.0	496.0	1
RT STA 1487+04 TO STA 1492+00	RT STA 1492+00	1	22.0	496.0	496.0	1
LT STA 1492+04 TO STA 1497+00	LT STA 1497+00	1	22.0	496.0	496.0	1
RT STA 1492+04 TO STA 1497+00	RT STA 1497+00	1	22.0	496.0	496.0	1
LT STA 1497+04 TO STA 1502+00	LT STA 1502+00	1	22.0	496.0	496.0	1
RT STA 1497+04 TO STA 1502+00	RT STA 1502+00	1	22.0	496.0	496.0	1
LT STA 1502+04 TO STA 1507+00	LT STA 1507+00	1	22.0	496.0	496.0	1
RT STA 1502+04 TO STA 1507+00	RT STA 1507+00	1	22.0	496.0	496.0	1
LT STA 1507+04 TO STA 1510+00	LT STA 1510+00	1	22.0	296.0	296.0	1
RT STA 1507+04 TO STA 1510+00	RT STA 1510+00	1	22.0	296.0	296.0	1
LT STA 1510+04 TO STA 1514+00	LT STA 1514+00	1	22.0	396.0	396.0	1
LT STA 1514+04 TO STA 1518+00	LT STA 1518+00	1	22.0	396.0	396.0	1
LT STA 1518+04 TO STA 1521+30	LT STA 1521+30	1	22.0	326.0	326.0	1
LT STA 1521+34 TO STA 1526+00	LT STA 1521+34	1	22.0	466.0	466.0	1
RT STA 1521+34 TO STA 1526+00	RT STA 1521+34	1	22.0	466.0	466.0	1
LT STA 1526+04 TO STA 1531+00	LT STA 1526+04	1	22.0	496.0	496.0	1
RT STA 1526+04 TO STA 1531+00	RT STA 1526+04	1	22.0	496.0	496.0	1
LT STA 1531+04 TO STA 1536+00	LT STA 1531+04	1	22.0	496.0	496.0	1
RT STA 1531+04 TO STA 1536+00	RT STA 1531+04	1	22.0	496.0	496.0	1
LT STA 1536+04 TO STA 1541+00	LT STA 1536+04	1	22.0	496.0	496.0	1
RT STA 1536+04 TO STA 1541+00	RT STA 1536+04	1	22.0	496.0	496.0	1
LT STA 1541+04 TO STA 1544+00	LT STA 1541+04	1	22.0	296.0	296.0	1
RT STA 1541+04 TO STA 1544+00	RT STA 1541+04	1	22.0	296.0	296.0	1
LT STA 1544+04 TO STA 1549+00	LT STA 1544+04	1	22.0	496.0	496.0	1
LT STA 1549+04 TO STA 1554+00	LT STA 1549+04	1	22.0	496.0	496.0	1
LT STA 1554+04 TO STA 1558+00	LT STA 1554+04	1	22.0	396.0	396.0	1
RT STA 1554+04 TO STA 1558+00	RT STA 1554+04	1	22.0	396.0	396.0	1
LT STA 1558+04 TO STA 1562+50	LT STA 1558+04	1	22.0	446.0	446.0	1
RT STA 1558+04 TO STA 1562+50	RT STA 1558+04	1	22.0	446.0	446.0	1
LT STA 1562+50 TO STA 1568+00	LT STA 1568+00	1	22.0	550.0	550.0	1
RT STA 1562+50 TO STA 1568+00	RT STA 1568+00	1	22.0	550.0	550.0	1
LT STA 1568+04 TO STA 1571+00	LT STA 1571+00	1	22.0	296.0	296.0	1
RT STA 1568+04 TO STA 1571+00	RT STA 1571+00	1	22.0	296.0	296.0	1
	TOTALS	85	1870	36866	36866	85

NOTES: * FLOWS INTO CULVERT

NOTE: SEE PAGE 128 FOR ADDITIONAL SCHEDULES

PIPE UNDER DRAIN SCHEDULE OF QUANTITIES

	LOCATION	OUTLET STATION	CONCRETE HEADWALLS FOR PIPE DRAINS	SHOULDER REMOVAL AND REPLACEMENT	PIPE UNDERDRAINS 6" (SPECIAL)	PIPE UNDERDRAINS, TYPE 1, 6"	PIPE UNDERDRAIN REMOVAL (SPECIAL)	REMOVE CONCRETE HEADWALLS FOR PIPE UNDERDRAINS
			EACH	FOOT	FOOT	FOOT	FOOT	EACH
	STAGE 1							
	RAMP A							
	RT STA 100+00 TO STA 105+00	RT STA 105+00	1		18.5	500	500	1
	RT STA 105+04 TO STA 109+00	RT STA 109+00	1		18.5	396	396	1
*	LT STA 106+60 TO STA 110+22	LT STA 110+22				362	362	
*	RT STA 109+04 TO STA 110+30	RT STA 110+30				126	126	
*	LT STA 110+72 TO STA 113+96	LT STA 110+72				324	324	
*	RT STA 110+81 TO STA 113+96	RT STA 110+81				315	315	
	LT STA 114+00 TO STA 117+77	LT STA 114+00	1		18.5	377	377	1
	RT STA 114+00 TO STA 117+77	RT STA 114+00	1		18.5	377	377	1
	LT STA 117+77 TO STA 121+20	LT STA 117+77	1	343	18.5	343	343	1
	RT STA 117+77 TO STA 121+20	RT STA 117+77	1	343	18.5	343	343	1
	RAMP B							
	RT STA 200+30 TO STA 205+23	RT STA 205+23	1	493	18.5	493	493	1
	LT STA 200+30 TO STA 205+23	LT STA 205+23	1	493	18.5	493	493	1
	RT STA 205+23 TO STA 209+50	RT STA 209+50	1		18.5	427	427	1
	LT STA 205+23 TO STA 209+50	LT STA 209+50	1		18.5	427	427	1
	RT STA 209+54 TO STA 214+46	RT STA 211+05	1		18.5	492	492	1
	LT STA 209+54 TO STA 214+46	LT STA 211+05	1		18.5	492	492	1
	RT STA 214+50 TO STA 219+46	RT STA 214+50	1		18.5	496	496	1
	LT STA 215+50 TO STA 219+46	LT STA 214+50	1		18.5	396	396	1
	RT STA 219+50 TO STA 224+46	RT STA 219+50	1		18.5	496	496	1
	LT STA 219+50 TO STA 224+46	LT STA 219+50	1		18.5	496	496	1
	STAGE 2							
	RAMP C							
	RT STA 300+00 TO STA 303+00	RT STA 303+00	1		18.5	300	300	1
	RT STA 303+04 TO STA 308+00	RT STA 308+00	1		18.5	496	496	1
	LT STA 306+60 TO STA 309+00	LT STA 309+00	1		18.5	240	240	1
	RT STA 308+04 TO STA 311+50	RT STA 311+50	1		18.5	346	346	1
	LT STA 309+00 TO STA 311+50	LT STA 311+50	1		18.5	250	250	1
	RT STA 311+54 TO STA 314+00	RT STA 311+54	1		18.5	246	246	1
	LT STA 311+54 TO STA 314+00	LT STA 311+54	1		18.5	246	246	1
	RT STA 314+04 TO STA 317+57	RT STA 314+04	1		18.5	353	353	1
	LT STA 314+04 TO STA 317+57	LT STA 314+04	1		18.5	353	353	1
	RT STA 317+57 TO STA 320+30	RT STA 317+57	1	273	18.5	273	273	1
	LT STA 317+57 TO STA 320+30	LT STA 317+57	1	273	18.5	273	273	1
	RAMP D							
	LT STA 400+40 TO STA 406+29	LT STA 406+29	1	589	18.5	589	589	1
	RT STA 400+40 TO STA 406+29	RT STA 406+29	1	589	18.5	589	589	1
	LT STA 406+29 TO STA 409+50	LT STA 409+50	1		18.5	321	321	1
	RT STA 406+29 TO STA 409+50	RT STA 409+50	1		18.5	321	321	1
*	LT STA 409+54 TO STA 413+83	LT STA 413+83				429	429	
*	RT STA 409+54 TO STA 413+80	RT STA 413+80				426	426	
*	RT STA 414+24 TO STA 418+00	RT STA 414+24				376	376	
	RT STA 418+04 TO STA 423+00	RT STA 418+04	1		18.5	496	496	1
	RT STA 423+04 TO STA 427+00	RT STA 423+04	1		18.5	396	396	1
		TOTALS	**33**	**3396**	**611**	**15490**	**15490**	**33**

NOTES: * FLOWS INTO CULVERT

NOTE: SEE PAGE 128 FOR ADDITIONAL SCHEDULES

GUARDRAIL SCHEDULE

LOCATION OF STEEL PLATE BEAM GUARDRAIL	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 2	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS - TYPE A
	FOOT	EACH	EACH	EACH	FOOT	EACH	EACH
STAGE 1							
FAI-57 NORTHBOUND							
STA 1422+48± TO STA 1425+60± RT	313	1	1		397.0	1	4
STA 1436+29± TO STA 1439+16± RT	288		1	1	237.0	1	4
STA 1529+41± TO STA 1533+03± RT	363	1	1		444.0	1	5
STAGE 2							
FAI-57 SOUTHBOUND							
STA 1373+52± TO STA 1376+90± LT	337.5	1	1		382.0	1	5
STA 1426+34± TO STA 1429+72± LT	337.5	1	1		397.0	1	5
STA 1438+94± TO STA 1441+82± LT	287.5		1	1	329.0	1	4
STA 1534+50± TO STA 1538+38± LT	387.5	1	1		303.0	1	5
RAMP D							
STA 409+11± TO STA 413+11± RT	400.0		1	1		1	5
TOTALS	**2713**	**5**	**8**	**3**	**2489**	**8**	**37**

SIGN SCHEDULE

LOCATION	DESCRIPTION	REMOVE SIGN PANEL - TYPE 2	SIGN PANEL - TYPE 2	REMOVE SIGN PANEL - TYPE 3	SIGN PANEL - TYPE 3
		SQ FT	SQ FT	SQ FT	SQ FT
FAI-57 NORTHBOUND					
STA 1372+21.69 RT	GUIDE SIGN			33.8	33.8
STA 1448+87.11 RT	GUIDE SIGN - ATTRACTIONS			120.0	120.0
STA 1456+84.94 RT	GUIDE SIGN- GAS			90.0	90.0
STA 1466+02.66 RT	GUIDE SIGN			150.0	150.0
STA 1495+03.67 RT	GUIDE SIGN			150.0	150.0
STA 1515+59.96 RT	GUIDE SIGN			156.0	156.0
STA 1523+23.48 R2 RT	GUIDE SIGN			40.0	40.0
RAMP A					
STA 114+52.51 RT	GUIDE SIGN - ATTRACTIONS			47.5	47.5
STA 116+55.89 RT	GUIDE SIGN - GAS			62.5	62.5
STA 118+55.180 RT	GUIDE SIGN	17.0	17.0		
FAI-57 SOUTHBOUND					
STA 1374+12.03 RT	GUIDE SIGN			40.5	40.5
STA 1543+74.14 R2 RT	GUIDE SIGN			40.0	40.0
STA 1551+67.35 R2 RT	GUIDE SIGN			156.0	156.0
STA 1571+90.57 R2 RT	GUIDE SIGN			150.0	150.0
RAMP C					
STA 312+66.48 RT	GUIDE SIGN - ATTRACTIONS			47.5	47.5
STA 315+64.08 RT	GUIDE SIGN- GAS			62.5	62.5
STA 317+65.85 RT	GUIDE SIGN	17.0	17.0		
	TOTALS	**34**	**34**	**1346**	**1346**

TEMPORARY TRAFFIC CONTROL SCHEDULE OF QUANTITIES

LOCATION	SHORT TERM PAVEMENT MARKING			SHORT TERM PM REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT				TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE				TEMPORARY PM - LINE 8" - PAINT		TEMPORARY PM - LINE 8" - TYPE IV TAPE		PM REMOVAL - WATER BLASTING	TEMPORARY CONCRETE BARRIER	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON REDIRECTIVE) TEST LEVEL 3
	SOLID YELLOW	36'-4' SKIP DASH WHITE	SOLID WHITE		SOLID YELLOW	30'-10' SKIP DASH WHITE	9'-3' SKIP DASH WHITE	SOLID WHITE	SOLID YELLOW	30'-10' SKIP DASH WHITE	9'-3' SKIP DASH WHITE	SOLID WHITE	SOLID WHITE	30'-10' SKIP DASH WHITE	SOLID WHITE	30'-10' SKIP DASH WHITE					
	FOOT			SQ FT	FOOT				FOOT				FOOT		FOOT		SQ FT	FOOT	FOOT	EACH	EACH
STAGE 1																					
FAI-57 SOUTHBOUND																					
STA 1364+12.00 TO STA 1577+35.00																		21,105.5	21,105.5	2	
STA 1364+12.00 TO STA 1508+81.29	537.7	1,344.1	537.7	806.5	28,938.6			28,938.6						3,360.3			31,178.8				
STA 1508+81.29 TO STA 1519+93.02	44.5	111.2		51.9	2,223.5			2,223.5						277.9			2,408.7				
STA 1519+93.02 TO STA 1551+11.51	124.7	311.8	124.7	187.1	6,237.0			6,237.0					373.6	779.6			7,005.8				
STA 1551+11.51 TO STA 1554+09.70	11.9	29.8		13.9	596.4			596.4						74.5			646.0				
STA 1554+09.70 TO STA 1581+88.00	67.6	169.0	67.6	101.4	5,556.6			5,556.6						422.6			5,838.3				
STAGE 2																					
FAI-57 NORTHBOUND																					
STA 1368+44.00 TO STA 1579+31.00																		21,162.5	21,162.5		2
STA 1364+12.00 TO STA 1512+58.00	552.7	1,381.8	552.7	32,824.1					29,692.0			29,692.0				3,454.5					
STA 1512+58.00 TO STA 1515+61.91	12.2	30.4		672.7					607.8			607.8				76.0					
STA 1515+61.91 TO STA 1547+33.95	126.9	317.2	126.8	7,156.6					6,344.1			6,344.1			140.3	793.0					
STA 1547+33.95 TO STA 1558+39.46	44.2	110.6		2,698.6					2,211.0			2,211.0			377.6	276.4					
STA 1558+39.46 TO STA 1581+88.00	50.4	126.1	50.4	4,982.8					4,697.1			4,697.1				315.1					
STAGE 3																					
RAMP A																					
STA 100+00.00 TO STA 121+33.83	58.9		100.4	2,100.1					1,265.6		70.3	2,065.9			519.1						
RAMP B																					
STA 200+21.12 TO STA 227+52.88	58.1	29.9	118.4	2,336.5					1,536.9	77.0		2,732.1			142.1						
RAMP C																					
STA 300+00.00 TO STA 320+65.92	50.6		103.4	51.3	1,473.4		71.4	2,133.8					374.8				2,089.2				
RAMP D																					
STA 400+00.00 TO STA 427+45.00	61.5	30.8	115.0	69.1	1,451.8	74.8		2,731.8					227.9				2,281.2				
COLOR SUB-TOTALS	1,801.9	3,992.7	1,897.2	54,052.6	46,477.2	74.8	71.4	48,417.6	46,354.5	77.0	70.3	48,350.0	976.3	4,914.9	1,180.0	4,915.0	51,448.0				
TOTALS	7,692			54,053	95,042				94,852				5,892		6,095		51,448	42,268	42,268	2	2

NOTES:

SHORT TERM PAVEMENT MARKINGS ARE ESTIMATED TO BE USED 1 TIME ON THE MAINLINES AND 1 TIME ON THE RAMPS.

TEMPORARY PAVEMENT MARKINGS ARE ESTIMATED TO BE USED ONLY ONCE ON THE FINAL SURFACE.

NOTE: SEE PAGE 128 FOR ADDITIONAL SCHEDULES

RIGHT OF WAY SCHEDULE

LOCATION	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	WOVEN WIRE FENCE, 4'
	EACH	FOOT
STAGE 1		
FAI-57 NORTHBOUND		
STA 1515+99.16, 159.99' RT	1	
STA 1515+99.16, 159.99' RT TO STA 1519+46.66, 257.01' RT		361.6
STA 1519+46.66, 257.01' RT	1	
STA 1539+70.08, 457.36' RT	1	
STA 1539+70.08, 457.36' RT TO STA 1545+13.93, 141.94' RT		637.6
STA 1540+90.00, 350.00' RT	1	
STA 1542+50.00, 236.00' RT	1	
STA 1545+13.93, 141.94' RT	1	
STAGE 2		
FAI-57 SOUTHBOUND		
STA 1523+65.18, 232.73' LT	1	
STA 1523+65.18, 232.73' LT TO STA 1524+39.70, 252.00' LT		74.9
STA 1524+39.70, 240.39' LT	1	
STA 1542+50.00, 252.00' LT	1	
STA 1542+50.00, 252.00' LT TO STA 1546+00.01, 156.91' LT		364.1
STA 1544+00.00, 195' LT	1	
STA 1546+00.01, 156.91' LT	1	
TOTALS	**11**	**1438**

PAVEMENT MARKING SCHEDULE OF QUANTITIES

LOCATION	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 6"				PREFORMED PLASTIC PM, TY B - STD - LETTERS & SYMBOLS	PREFORMED PLASTIC PM, TY B - STD - LINE 8" - SOLID WHITE	PREFORMED PLASTIC PM, TY B - STD - LINE 24" - SOLID WHITE	PREFORMED PLASTIC PM, TY D - LINE 9"	DELINEATORS			DELINEATOR REMOVAL	SHOULDER RUMBLE STRIPS, 16 INCH	RAISED REFLECTIVE PAVEMENT MARKER		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 10"	GROOVING FOR RECESSED PAVEMENT MARKING 25"
	SOLID YELLOW	9'-3' SKIP DASH WHITE	30'-10' SKIP DASH WHITE	SOLID WHITE				30'-10' SKIP DASH WHITE	SINGLE CRYSTAL	DOUBLE CRYSTAL	SINGLE AMBER			CRYSTAL	AMBER					
	FOOT				SQ FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	EACH		EACH	FOOT	FOOT	FOOT	FOOT
FAI-57 NORTHBOUND																				
STA 1372+00.00 TO STA 1512+58.00	14,058.0			13,818.0	107.3			3,454.5	37			37	27,876.0	346		346	27,876.0		3,454.5	
STA 1512+58.00 TO STA 1515+61.91	303.9							76.0					303.9	8		8	303.9		76.0	
STA 1515+61.91 TO STA 1547+33.95	3,172.0			2,798.4	22.5	373.6		793.0	9			9	6,344.1	90		90	5,970.5	373.6	793.0	
STA 1547+33.95 TO STA 1558+39.46	1,105.5				6.9			276.4					1,105.5	28		28	1,105.5		276.4	
STA 1558+39.46 TO STA 1581+88.00	2,348.5			1,260.5	6.9			315.1	4			4	3,609.0	32		32	3,609.0		315.1	
FAI-57 SOUTHBOUND																				
STA 1372+00.00 TO STA 1508+81.29	13,681.3			13,441.3	103.8			3,360.3	37			37	27,122.6	337		337	27,122.6		3,360.3	
STA 1508+81.29 TO STA 1519+93.02	1,111.7				6.9			277.9					1,111.7	28		28	1,111.7		277.9	
STA 1519+93.02 TO STA 1551+11.51	3,118.5			2,600.7	22.5	517.8		779.6	9			9	6,237.0	91		91	5,719.2	517.8	779.6	
STA 1551+11.51 TO STA 1554+09.70	298.2				3.5			74.5					298.2	8		8	298.2		74.5	
STA 1554+09.70 TO STA 1581+88.00	2,778.3			1,690.3	10.4			422.6	5			5	4,468.6	43		43	4,468.6		422.6	
RAMP A																				
STA 100+00.00 TO STA 121+33.83	1,473.4	71.4		2,133.8	6.9	374.8	44.0		20	4	20	44		44	21	55	3,678.6	374.8		44.0
RAMP B																				
STA 200+21.12 TO STA 227+52.88	1,451.8	74.8		2,731.8	13.8	227.9			20	12	20	52					4,258.4	227.9		
RAMP C																				
STA 300+00.00 TO STA 320+65.92	1,265.6	70.3		2,065.9	15.6	519.1	44.0		19	5	19	43		54	16	62	3,401.8	519.1		44.0
RAMP D																				
STA 400+13.07 TO STA 427+45.20	1,536.9	77.0		2,732.1	6.9	142.1			17	13	17	47					4,346.1	142.1		
COLOR SUB-TOTALS	47,703.7	293.5	0.0	45,272.9	333.9	2,155.3	88.0	9,829.9	177	34	76	287	78,477	1,109	37	1,128	93,271	2,156	9,830	88
TOTALS	**93,271**				**334**	**2,156**	**88**	**9,830**	**287**			**287**	**78,477**	**1,146**		**1,128**	**93,271**	**2,156**	**9,830**	**88**

NOTES:

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL WAS ESTIMATED USING ALL PROPOSED QUANTITY FOR CRYSTAL AND HALF OF THE AMBER.

PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 9" SHALL CONSIST OF A 6" LINE WITH BLACK CONTRASTING BORDERS.

GROOVING REQUIRED FOR PLACEMENT OF PREFORMED PLASTIC PAVEMENT MARKINGS; SHALL BE PAID FOR AS GROOVING FOR RECESSED PAVEMENT MARKING OF THE WIDTH SPECIFIED.

NOTE: SEE PAGE 128 FOR ADDITIONAL SCHEDULES

SOUTHBOUND FAI-57 PAVEMENT PATCHING SCHEDULE (FULL DEPTH)

MILE MARKER (FROM PATCHING SURVEY)	LANE (DRIVING/ PASSING)	LENGTH (FEET)	WIDTH (FEET)	CLASS A PATCHES, TYPE I, 13" (SPECIAL) SQ YD	CLASS A PATCHES, TYPE II, 13" (SPECIAL) SQ YD	CLASS A PATCHES, TYPE III, 13" (SPECIAL) SQ YD	CLASS A PATCHES, TYPE IV, 13" (SPECIAL) SQ YD	SAW CUTS FOOT	PATCHING REINFORCEMENT SQ YD	TIE BARS 3/4"** EACH
106.0	DL	12	12			16.0		48.0	16.0	38
106.0	DL	8	12.0		10.7			40.0	10.7	38
106.2	DL	12	6		8.0			36.0	8.0	18
106.4	DL	10	12		13.3			44.0	13.3	38
106.6	DL	12	6		8.0			36.0	8.0	18
106.6	DL	10	12		13.3			44.0	13.3	38
106.7	DL	10	6		6.7			32.0	6.7	18
106.7	DL	6	6	4.0				24.0	4.0	18
106.7	DL	6	12		8.0			36.0	8.0	38
106.7	DL	6	12		8.0			36.0	8.0	38
106.8	DL	6	12		8.0			36.0	8.0	38
106.8	DL	6	12		8.0			36.0	8.0	38
106.9	DL	6	12		8.0			36.0	8.0	38
106.9	DL	6	12		8.0			36.0	8.0	38
106.9	DL	8	12		10.7			40.0	10.7	38
107.0	PL	6	12		8.0			36.0	8.0	38
107.0	DL	15	6		10.0			42.0	10.0	18
107.0	DL	8	6		5.3			28.0	5.3	18
107.4	DL	16	12			21.3		56.0	21.3	38
107.7	DL	6	12		8.0			36.0	8.0	38
107.7	DL	15	6		10.0			42.0	10.0	18
107.7	DL	6	6	4.0				24.0	4.0	18
107.8	DL	12	12			16.0		48.0	16.0	38
107.8	DL	30	6			20.0		72.0	20.0	36
107.8	DL	6	6	4.0				24.0	4.0	18
108.2	DL	12	6		8.0			36.0	8.0	18
108.6	DL	12	6		8.0			36.0	8.0	18
108.7	DL	30	6			20.0		72.0	20.0	36
108.7	PL	6	12		8.0			36.0	8.0	38
108.7	DL	6	12		8.0			36.0	8.0	38
108.8	DL	6	12		8.0			36.0	8.0	38
108.8	DL	6	12		8.0			36.0	8.0	38
108.8	DL	10	12		13.3			44.0	13.3	38
108.8	DL	10	6		6.7			32.0	6.7	18
108.8	DL	6	12		8.0			36.0	8.0	38
108.9	DL	10	6		6.7			32.0	6.7	18
109.1	DL	8	6		5.3			28.0	5.3	18
109.1	DL	20	12				26.7	64.0	26.7	50
109.4	DL	6	6	4.0				24.0	4.0	18
109.4	DL	6	12		8.0			36.0	8.0	38
109.6	DL	10	6		6.7			32.0	6.7	18
109.6	DL	12	6		8.0			36.0	8.0	18
109.6	DL	10	6		6.7			32.0	6.7	18
			SUB-TOTALS	16	277	93	27	1652	413	1274
(ADD 20% FOR ANTICIPATED FAILURES)			TOTALS	20	333	112	32	1982	497	1530

**TIE BARS ALONG TRANSVERSE CONSTRUCTION JOINTS ASSUMES 7-5/8" BAR SPACING FOR EXISTING 8" THICK CRC PAVEMENT PER STANDARD 421001-03.
TIE BARS ALONG ALONG LONGITUDINAL CONSTRUCTION JOINTS ASSUMES BAR SPACING OF 36" CENTERS WHEN PATCH LENGTH EXCEEDS 20' PER DETAIL FOR CLASS A PATCHING (SPECIAL).

SOUTHBOUND FAI-57 PAVEMENT PATCHING SCHEDULE (PARTIAL DEPTH)

MILE MARKER (FROM PATCHING SURVEY)	LANE (DRVING/PASSING)	LENGTH (FEET)	WIDTH (FEET)	PARTIAL DEPTH REMOVAL, TYPE II, 4" SQ YD	PARTIAL DEPTH REMOVAL, TYPE III, 4" SQ YD	PARTIAL DEPTH REMOVAL, TYPE IV, 4" SQ YD	PARTIAL DEPTH PATCHING TON
106.6	DL	25	6	16.7			3.7
106.6	DL	100	6		66.7		14.9
106.7	DL	100	6		66.7		14.9
106.7	DL	50	6	33.3			7.5
106.7	DL	50	6	33.3			7.5
106.7	DL	50	6	33.3			7.5
106.7	DL	60	6	40.0			9.0
106.7	DL	70	6	46.7			10.5
106.8	DL	125	6		83.3		18.7
106.8	DL	45	6	30.0			6.7
106.8	DL	80	6		53.3		11.9
106.8	DL	30	6	20.0			4.5
106.8	DL	240	6			160.0	35.8
108.7	EXIT RAMP	250	8			222.2	49.8
109.1	ENTRANCE RAMP	100	14			155.6	34.8
109.6	DL	100	6		66.7		14.9
109.6	DL	100	6		66.7		14.9
			SUB-TOTALS	253	403	538	268
(ADD 20% FOR ANTICIPATED FAILURES)			TOTALS	304	485	646	322

INTERCHANGE RAMP PAVEMENT PATCHING SCHEDULE

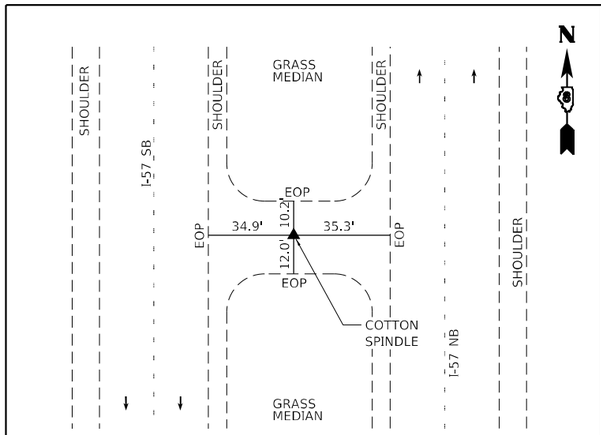
RAMP NAME	APPROXIMATE STATION*	LENGTH (FEET)	WIDTH (FEET)	CLASS B PATCHES, TYPE IV, 8" SQ YD	SAW CUTS FOOT	WELDED WIRE REINFORCEMENT SQ YD	DOWEL BARS 1-1/4" EACH	TIE BARS 1-1/4" EACH	TIE BARS 3/4" EACH
A	121+25	16	16	28.4	64.0	28.4	14	14	
C	320+40	20	16	35.6	72.0	35.6	14	14	12
D	400+20	20	16	35.6	72.0	35.6	14	14	12
			SUB-TOTALS	100	208	100	42	42	24
(ADD 20% FOR ANTICIPATED FAILURES)			TOTALS	120	250	120	51	51	29

*PATCHING LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS WILL BE MARKED ON PAVEMENT BY THE RESIDENT ENGINEER PRIOR TO CONSTRUCTION.

NOTE: SEE PAGE 128 FOR ADDITIONAL SCHEDULES

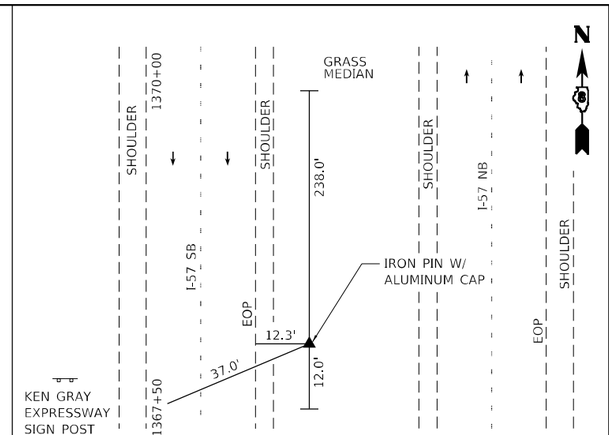
POINT NUMBER	LOCATION (ROUTE)	NORTHING (US SURVEY FOOT)	EASTING (US SURVEY FOOT)	ELEVATION (NAVD 88)	DESCRIPTION	MONUMENT TYPE
CP #1	I-57 NEAR WALNUT HILL OVERPASS	657745.5879	304904.6232	---.--	SITE CONTROL	COTTON SPINDLE SET
CP #2	I-57 NEAR KEN GRAY EXPRESSWAY	658890.7790	304892.2373	598.799	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #3	I-57 NEAR STA 1377+99	659930.4056	304902.6277	592.483	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #4	I-57 NEAR STA 1390+00	661125.1472	305006.4487	582.375	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #5	I-57 NEAR STA 1410+00	663131.0994	304975.9696	574.398	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #6	I-57 NEAR STA 1421+07	664234.5178	304986.1531	574.496	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #7	I-57 NEAR STA 1431+34	665262.8161	305012.5166	570.968	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #8	I-57 NEAR STA 1444+91	666618.0489	305095.0497	573.296	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #9	I-57 NEAR STA 1517+50	673842.5371	304735.2130	539.185	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #10	I-57 NEAR STA 1528+35	674908.0712	304543.9021	540.425	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #11	I-57 NEAR STA 1538+94	675943.9945	304318.4497	546.383	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #12	I-57 NEAR STA 1550+00	677039.7226	304143.7699	552.490	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #13	I-57 NEAR STA 1625+00	684497.7633	303771.8579	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #14	I-57 NEAR STA 1635+76	685574.2861	303724.4808	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #15	I-57 NEAR STA 1645+76	686574.2287	303731.2698	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #16	I-57 NEAR STA 1655+00	687498.7066	303793.0738	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #100	NEAR IL 37 & WALNUT HILL RD	659532.5214	309717.0005	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #101	NEAR IL 37 & IL 161	675569.7318	310479.0089	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #103	NEAR POST OAK RD & COLLEGE ST	701351.5799	308190.2854	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #104	NEAR US 50 & MILLS CART RD	714402.1876	305649.3761	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #105	NEAR US 50 & INDUSTRIAL DR	712833.9095	297891.4903	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #106	NEAR HOTZE RD & PURCELL RD	701301.3187	299012.3461	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #107	NEAR LEVEE RD & MT. MORIAD RD	685994.7622	301085.8701	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #108	NEAR IL 161 & MT. MORIAH RD	675303.9762	300924.2435	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #109	NEAR WALNUT HILL RD & MARGE LN	659346.5261	302268.3271	---.--	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #200	I-57 NEAR STA 1400+00	662128.3209	304968.0046	577.612	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #201	I-57 NEAR STA 1455+00	667626.7412	305119.7906	585.829	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #202	I-57 NEAR STA 1465+00	668621.6786	305146.1348	585.039	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #203	I-57 NEAR STA 1475+00	669625.5381	305169.4707	572.999	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #204	I-57 NEAR STA 1485+00	670627.9270	305190.1687	559.459	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #205	I-57 NEAR STA 1495+00	671627.8781	305157.3182	551.534	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #206	I-57 NEAR STA 1505+00	672617.4613	305047.6337	547.193	SITE CONTROL	COTTON SPINDLE SET
CP #207	I-57 NEAR STA 1510+00	673118.0937	304970.9710	544.434	SITE CONTROL	COTTON SPINDLE SET
CP #208	I-57 NEAR STA 1557+50	677774.3396	303991.7237	555.938	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #209	I-57 NEAR STA 1555+00	678512.3585	303878.6790	556.753	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #210	I-57 NEAR STA 1572+50	679258.3517	303801.4388	554.580	SITE CONTROL	IRON PIN W/ ALUMINUM CAP

POINT NUMBER	LOCATION (ROUTE)	NORTHING (US SURVEY FOOT)	EASTING (US SURVEY FOOT)	ELEVATION (NAVD 88)	DESCRIPTION	MONUMENT TYPE
CP #211	I-57 NEAR STA 1580+00	680000.3816	303755.4919	551.624	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #212	I-57 NEAR STA 1587+50	680746.9804	303741.4189	549.217	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #213	I-57 NEAR STA 1595+00	681494.3792	303747.9256	546.907	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #214	I-57 NEAR STA 1592+50	681247.2342	303593.1929	547.495	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #215	I-57 NEAR STA 1585+00	680496.5167	303590.0185	550.155	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #216	I-57 NEAR STA 1577+50	379743.1912	303617.6694	552.982	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #217	I-57 NEAR STA 1570+00	678994.7149	303673.3778	555.022	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #218	I-57 NEAR STA 1564+00	678398.7262	303743.5279	556.605	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #219	I-57 NEAR STA 1555+00	677501.2244	303888.6580	555.167	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #220	I-57 & IL 161 NEAR STA 12+50	676569.8818	304053.3861	548.578	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #221	I-57 NEAR STA 1522+50	674308.6045	304558.4909	537.526	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #222	I-57 NEAR STA 1512+50	673345.5771	304788.4105	542.763	SITE CONTROL	COTTON SPINDLE SET
CP #223	I-57 NEAR STA 1505+50	672609.1510	304908.9997	546.860	SITE CONTROL	COTTON SPINDLE SET
CP #224	I-57 NEAR STA 1497+50	671866.7450	304985.2985	549.517	SITE CONTROL	IRON PIN W/ ALUMINUM CAP
CP #225	I-57 NEAR STA 1490+00	671123.8990	305031.8004	554.320	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #226	I-57 NEAR STA 1482+50	670378.3438	305037.6351	561.112	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #227	I-57 NEAR STA 1475+00	669630.5879	305025.7936	573.069	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #228	I-57 NEAR STA 1467+50	668881.8166	305007.6284	583.101	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #229	I-57 NEAR STA 1460+00	668127.7530	304992.6190	587.827	SITE CONTROL	COTTON SPINDLE SET
CP #230	I-57 NEAR STA 1452+50	667379.1278	304966.2960	583.128	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #231	I-57 NEAR STA 1445+00	666628.4645	304950.6805	573.385	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #232	I-57 NEAR STA 1437+50	665881.3528	304932.9949	568.625	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #233	I-57 NEAR STA 1416+50	663979.3009	304889.2754	575.864	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #234	I-57 NEAR STA 1405+00	662632.4547	304874.6541	575.446	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #235	I-57 NEAR STA 1395+00	661627.3500	304868.1397	580.021	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #236	I-57 NEAR STA 1387+50	660879.3344	304861.3393	584.141	SITE CONTROL	IRON PIN W/ PLASTIC CAP

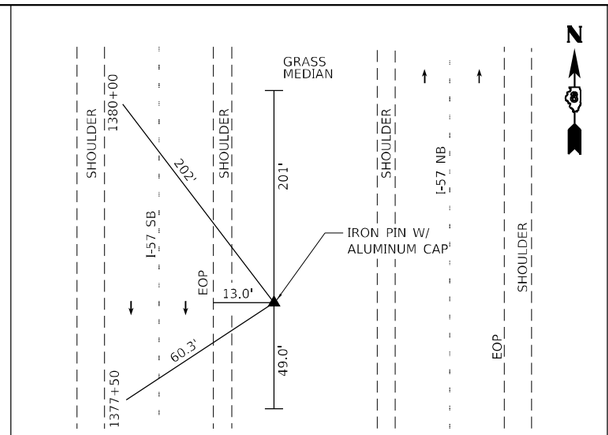


TURNAROUND LOCATED AT ±0.3 MI SOUTH OF WALNUT HILL ROAD OVERPASS (SN061-0027)

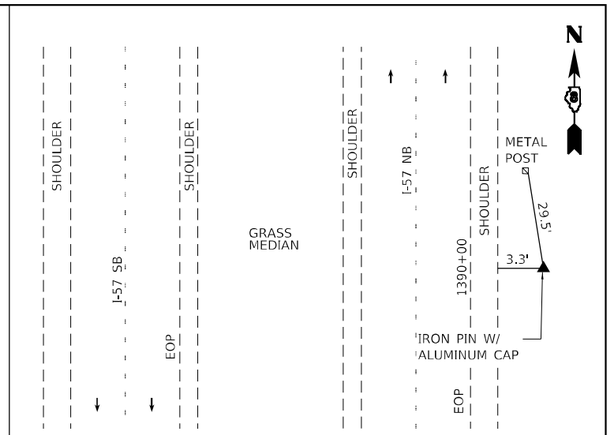
CP #1



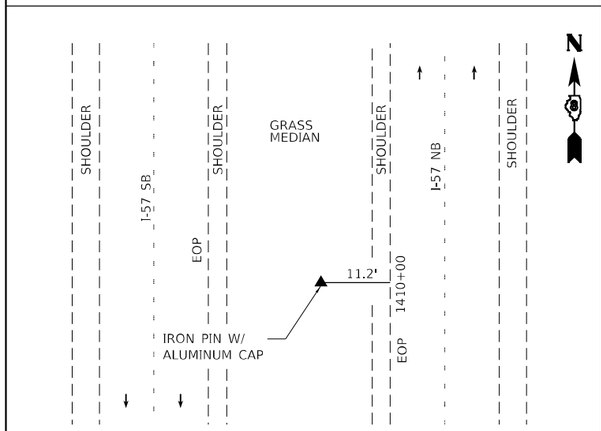
CP #2
APPROX STA 1367+62



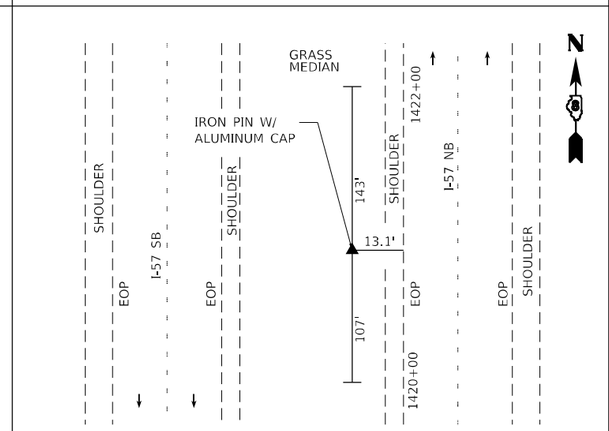
CP #3
APPROX STA 1377+99



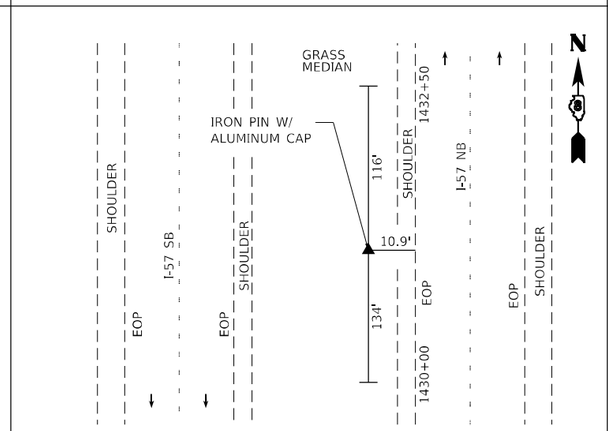
CP #4
APPROX STA 1390+00



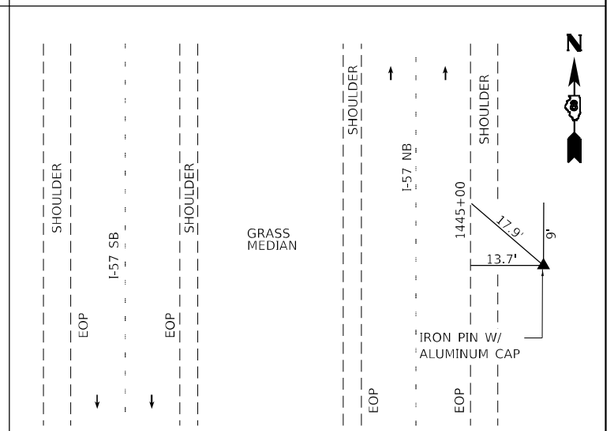
CP #5
APPROX STA 1410+00



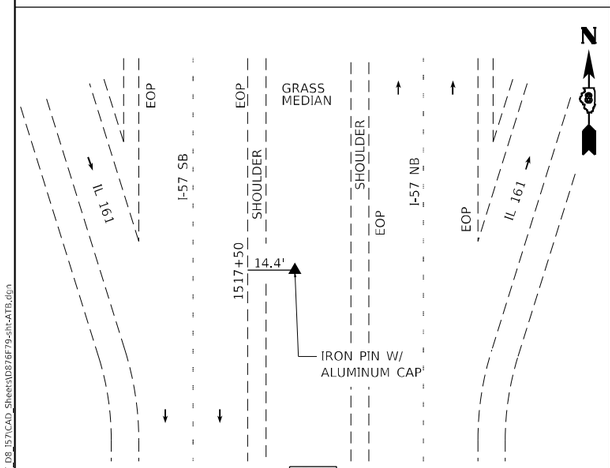
CP #6
APPROX STA 1421+07



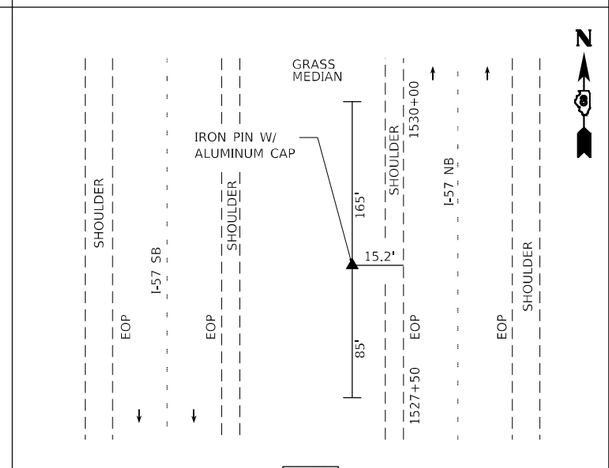
CP #7
APPROX STA 1431+34



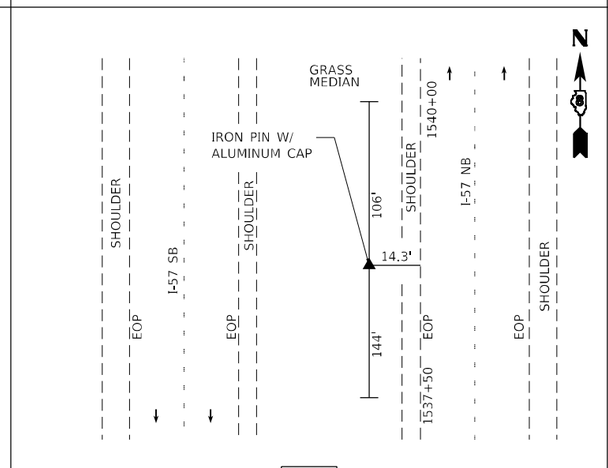
CP #8
APPROX STA 1444+91



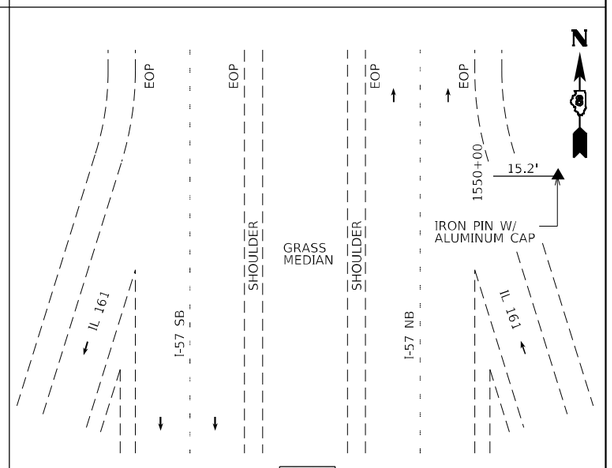
CP #9
APPROX STA 1517+50



CP #10
APPROX STA 1528+35



CP #11
APPROX STA 1538+94



CP #12
APPROX STA 1550+00

HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES AND BENCHMARKS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
Engineers • Surveyors		DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 30
IL PROF. DESIGN FIRM NO. 184.000899	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		NHPP-KC9D(768)

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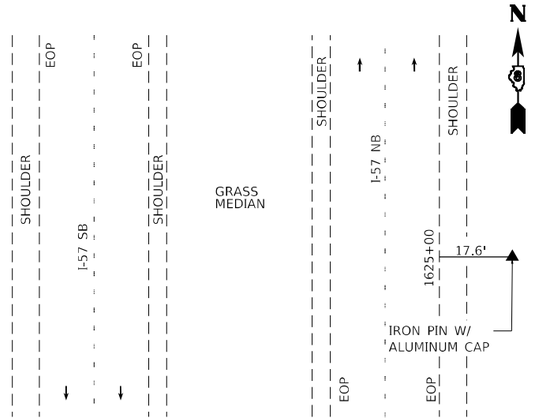
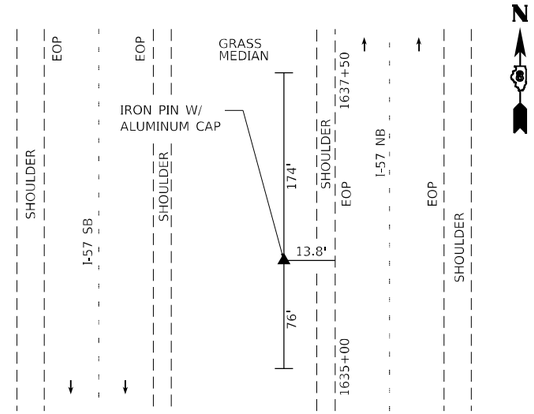
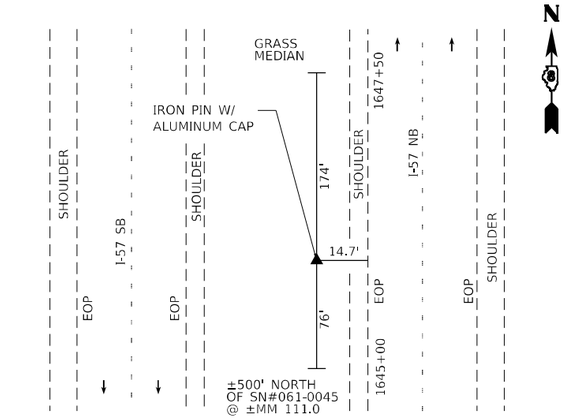


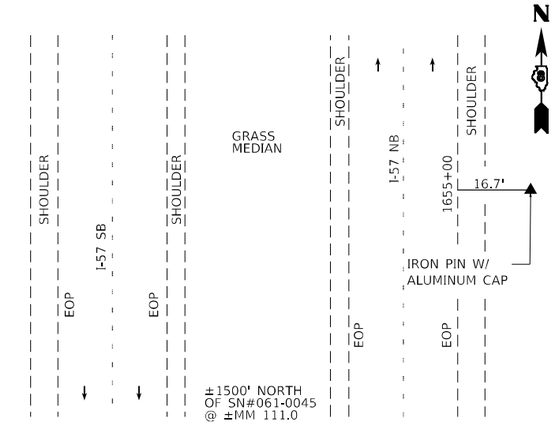
CP #13
APPROX STA 1625+00



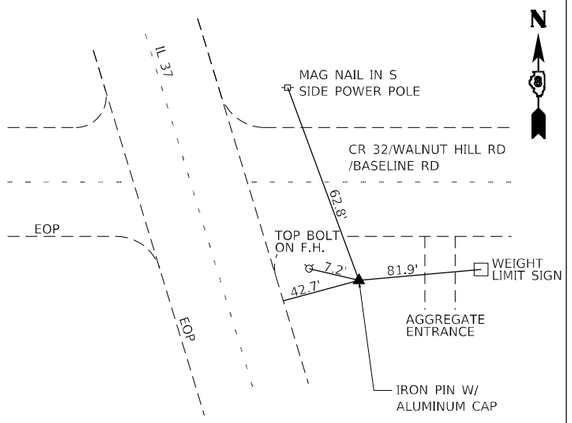
CP #14
APPROX STA 1635+76



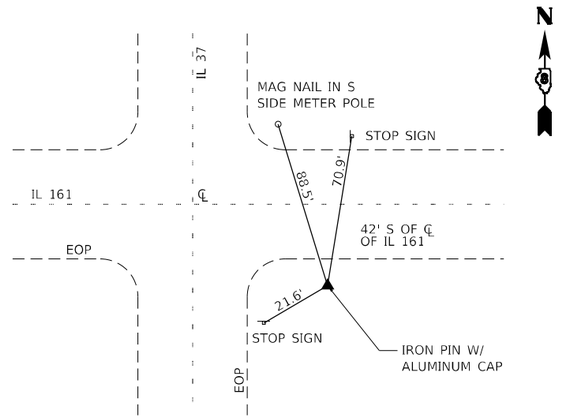
CP #15
APPROX STA 1645+76



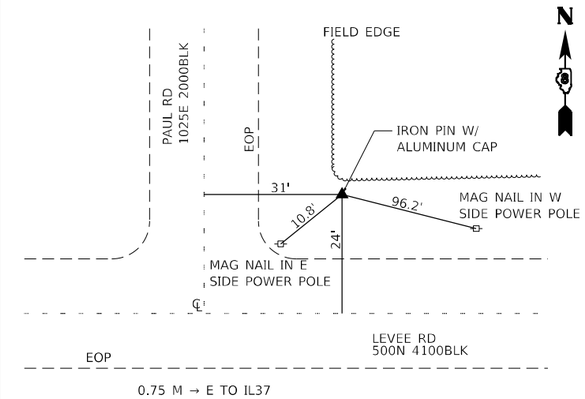
CP #16
APPROX STA 1655+00



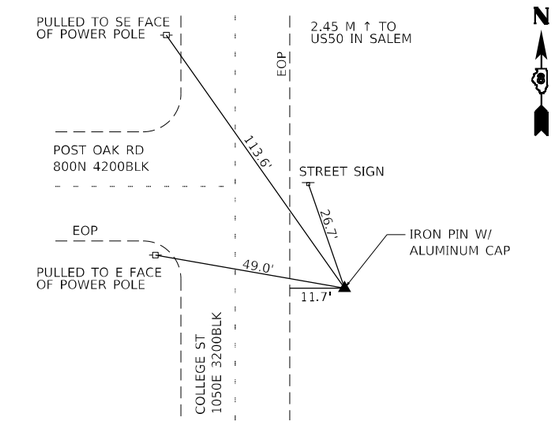
CP #100



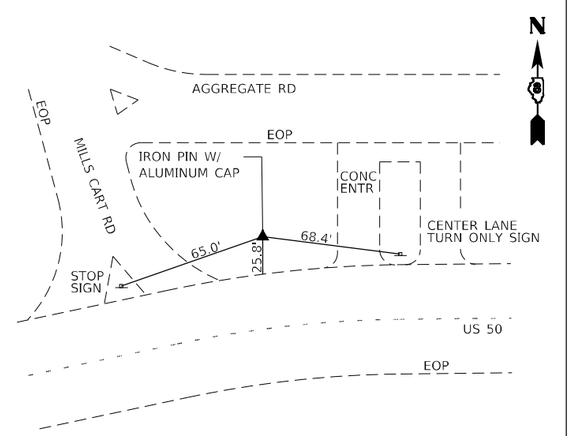
CP #101



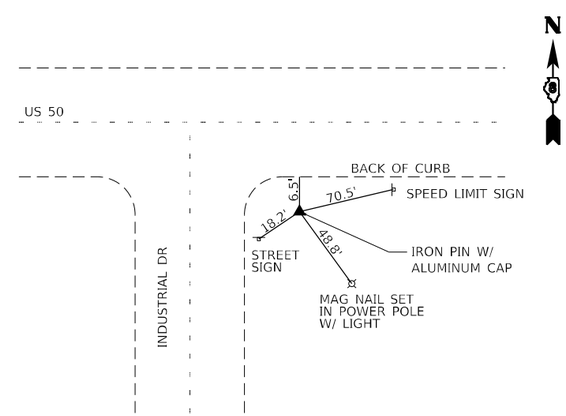
CP #102



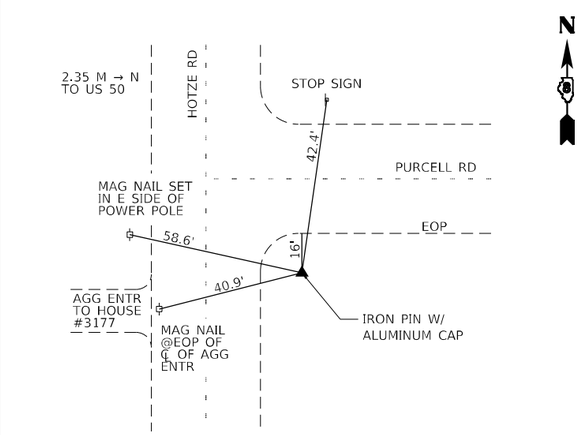
CP #103



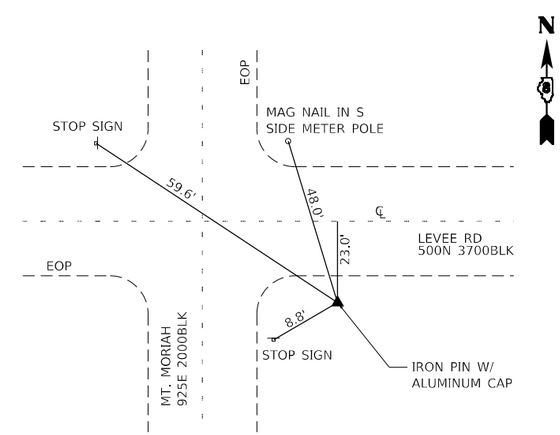
CP #104



CP #105



CP #106



CP #107

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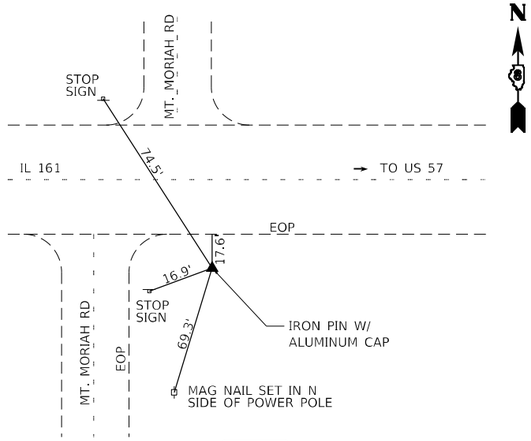
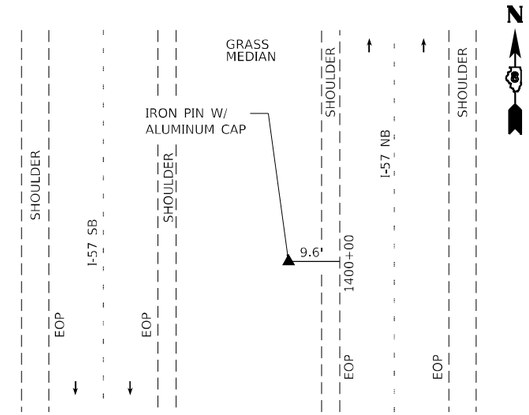
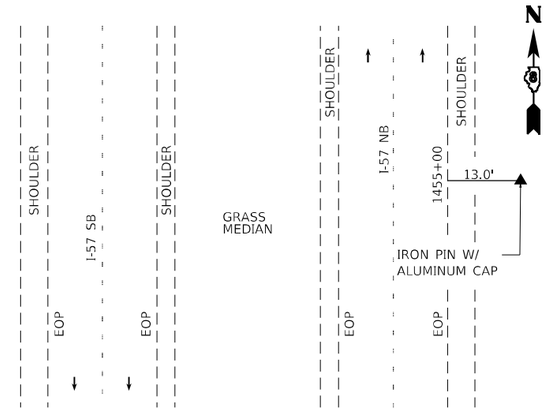
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES AND BENCHMARKS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 31
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)



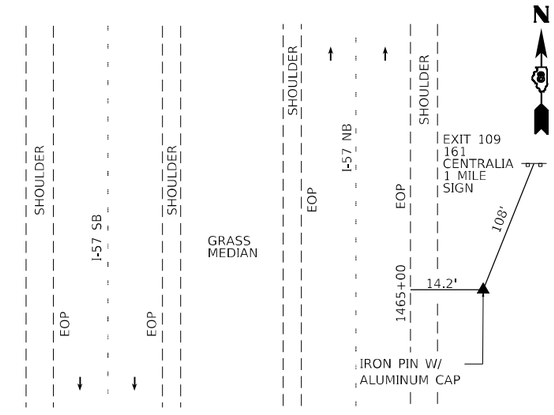
CP #108



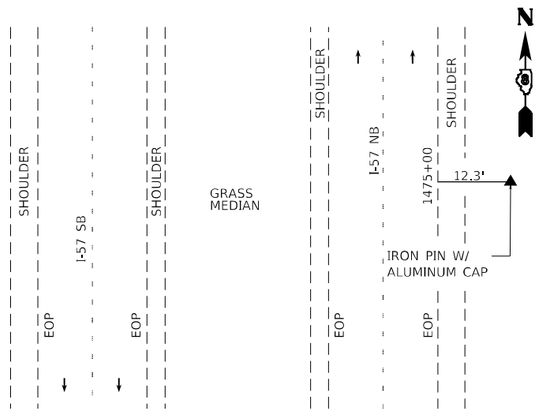
CP #200
APPROX STA 1400+00



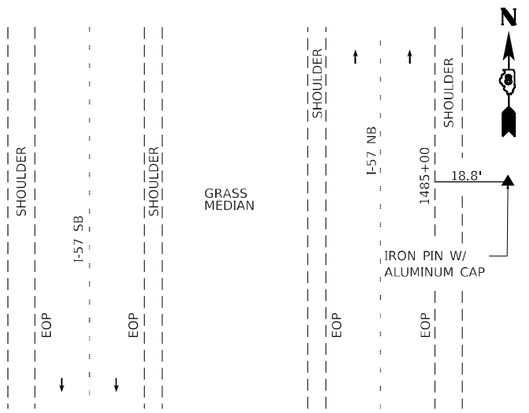
CP #201
APPROX STA 1455+00



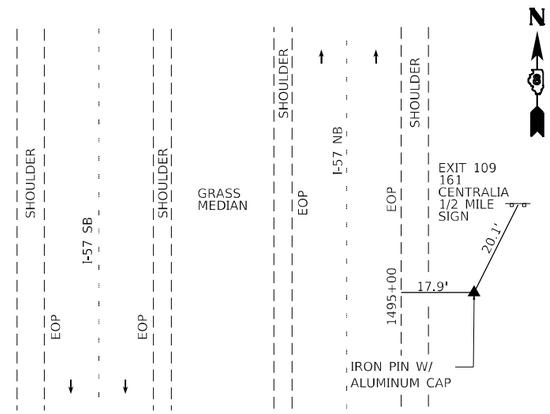
CP #202
APPROX STA 1465+00



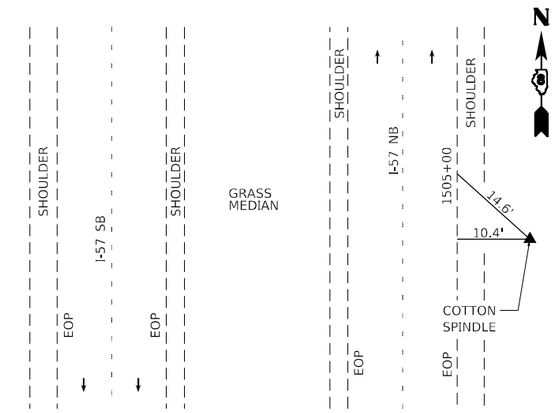
CP #203
APPROX STA 1475+00



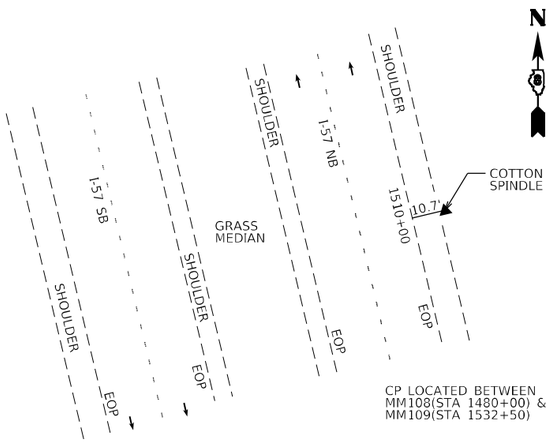
CP #204
APPROX STA 1485+00



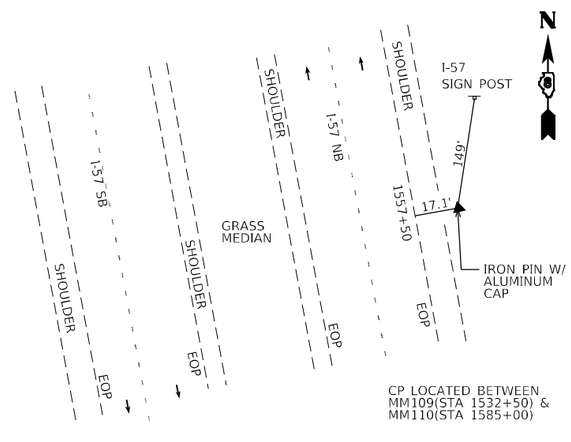
CP #205
APPROX STA 1495+00



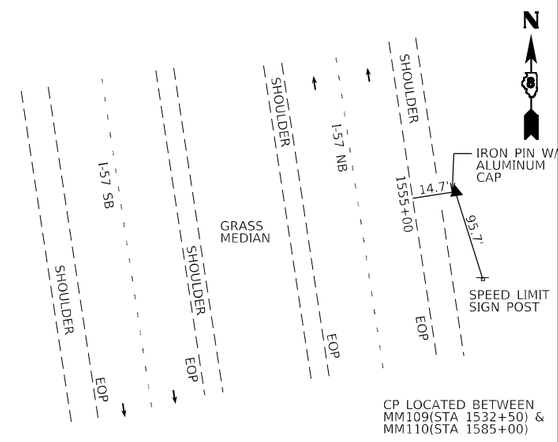
CP #206
APPROX STA 1505+00



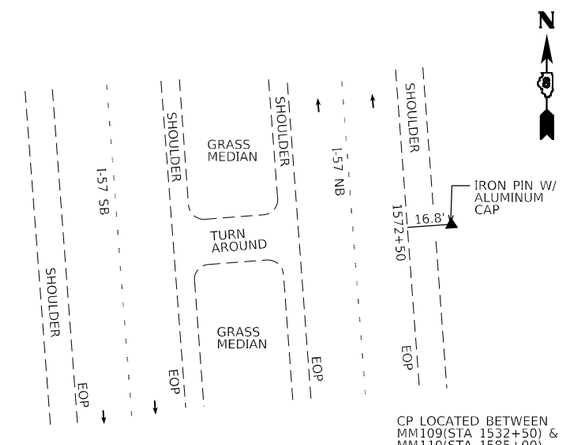
CP #207
APPROX STA 1510+00



CP #208
APPROX STA 1557+50



CP #209
APPROX STA 1555+00



CP #210
APPROX STA 1572+50

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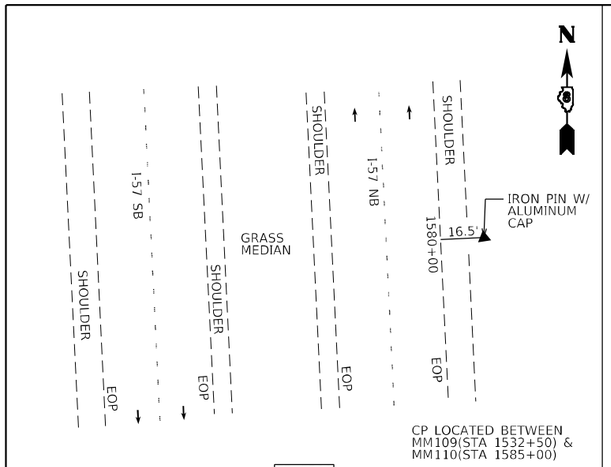
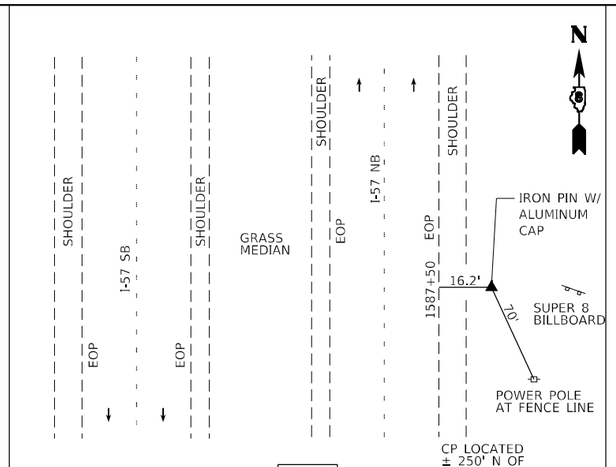
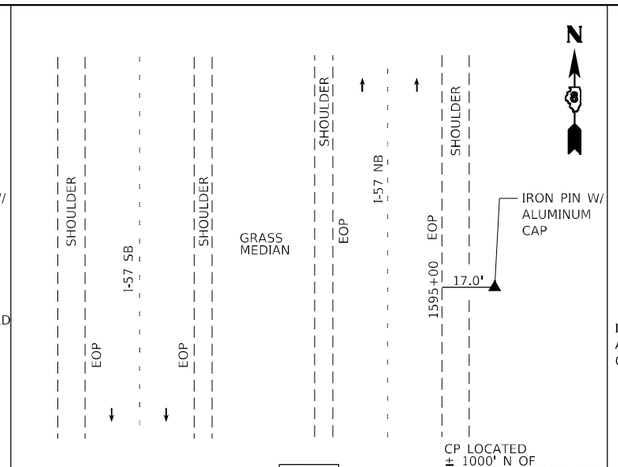
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES AND BENCHMARKS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484	32
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	



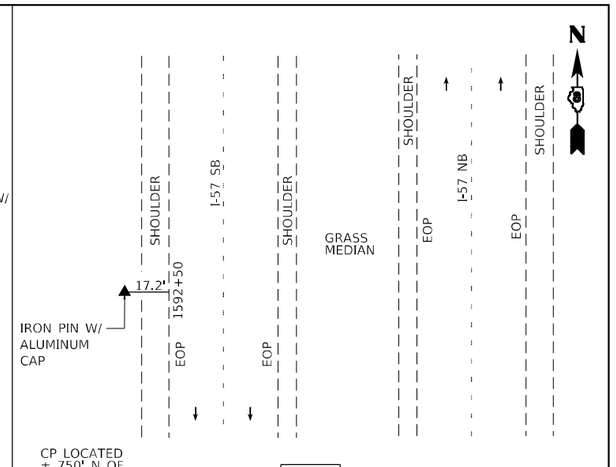
CP #211
APPROX STA 1580+00



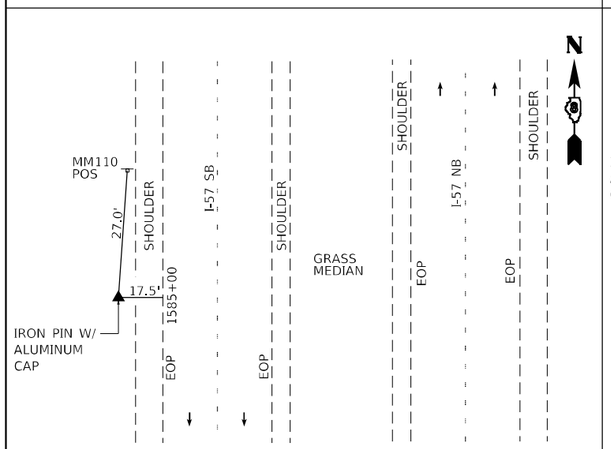
CP #212
APPROX STA 1587+50



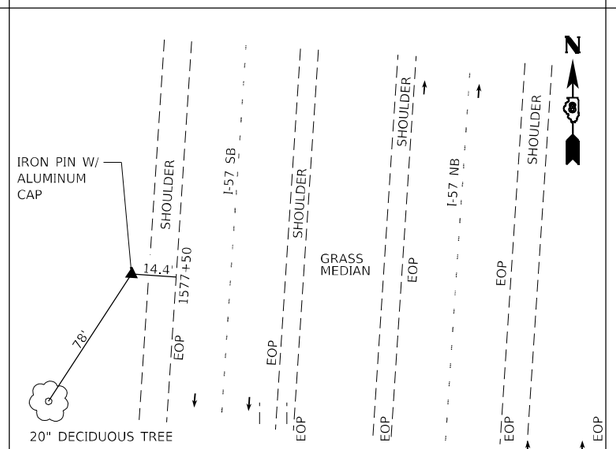
CP #213
APPROX STA 1595+00



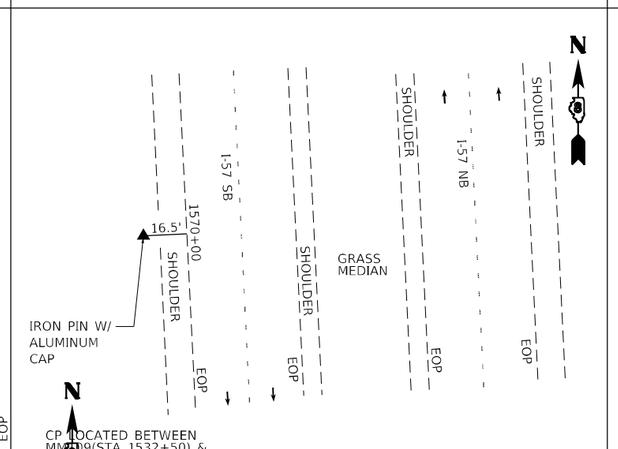
CP #214
APPROX STA 1592+50



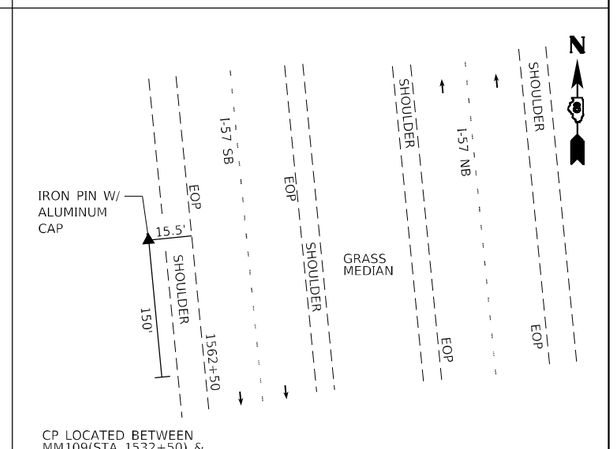
CP #215
APPROX STA 1585+00



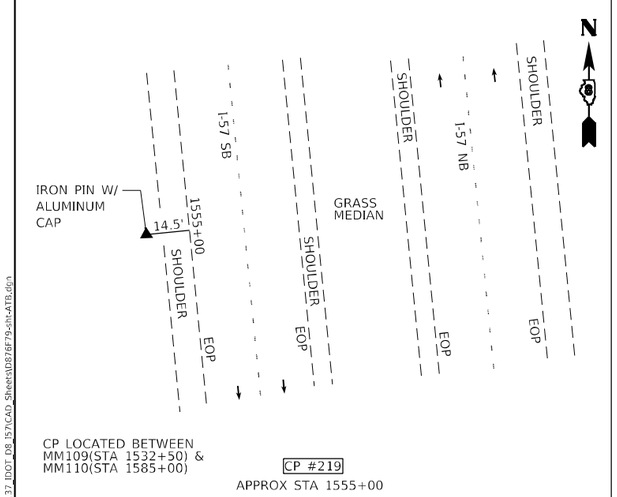
CP #216
APPROX STA 1577+50



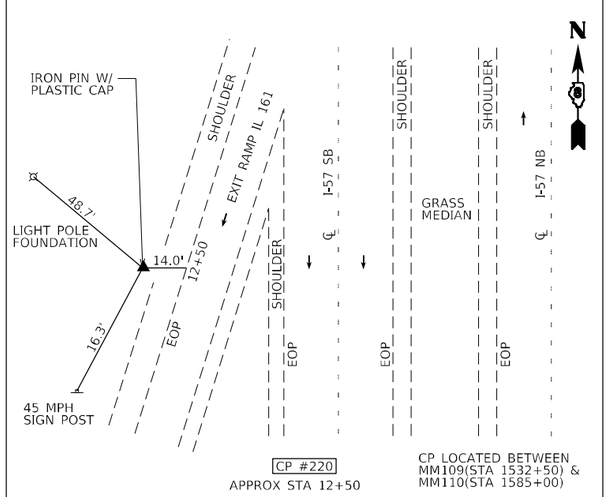
CP #217
APPROX STA 1570+00



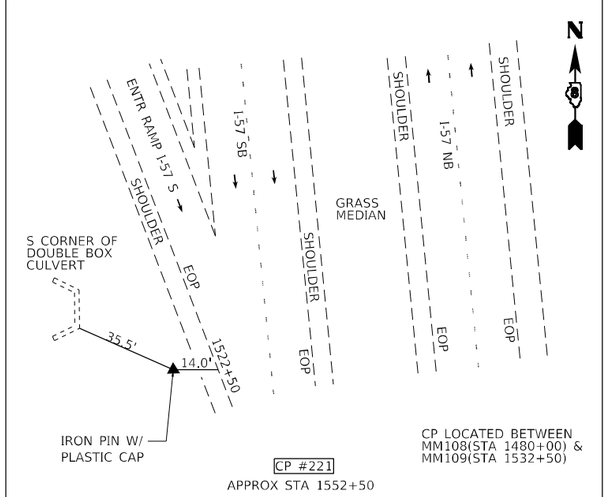
CP #218
APPROX STA 1564+00



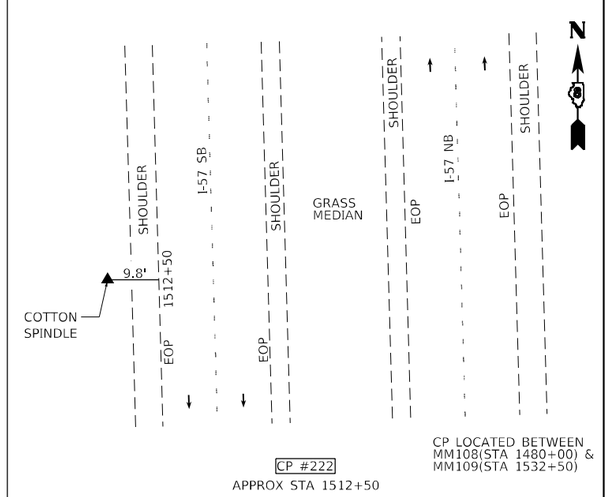
CP #219
APPROX STA 1555+00



CP #220
APPROX STA 12+50



CP #221
APPROX STA 1552+50



CP #222
APPROX STA 1512+50

MODEL: Default
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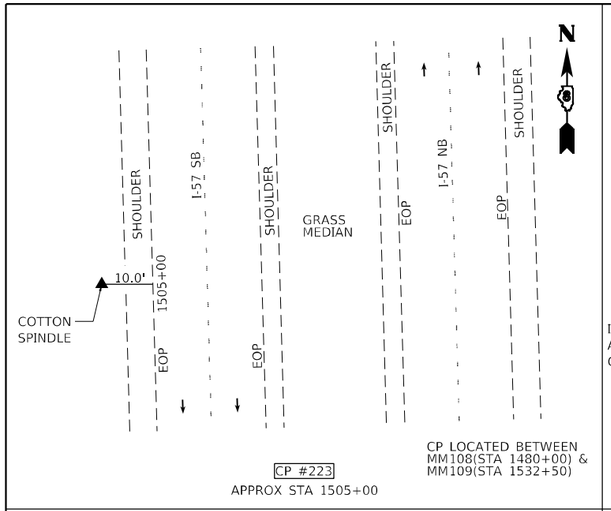
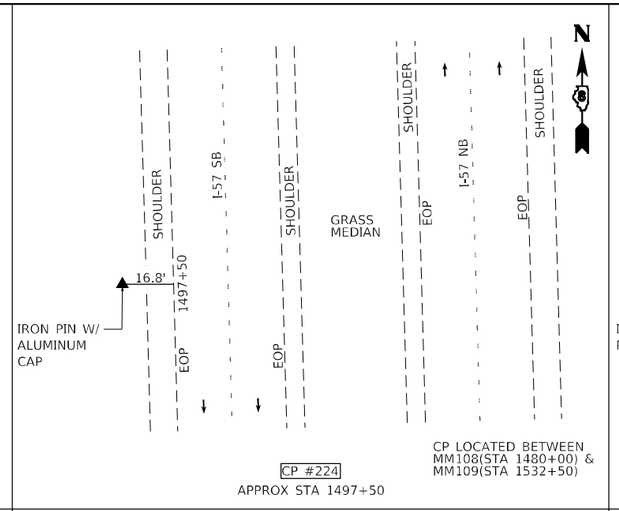
HMG Engineers • Surveyors — HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 — IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES AND BENCHMARKS
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

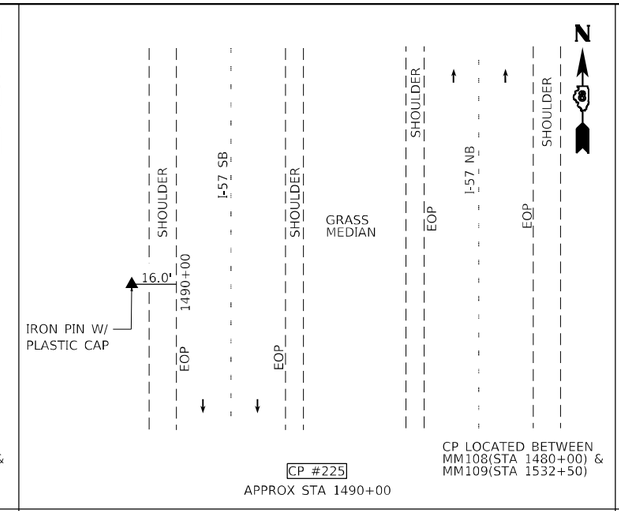
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	33
		CONTRACT NO. 76F79		
		ILLINOIS FED. AID PROJECT NHPP-KC9D(768)		



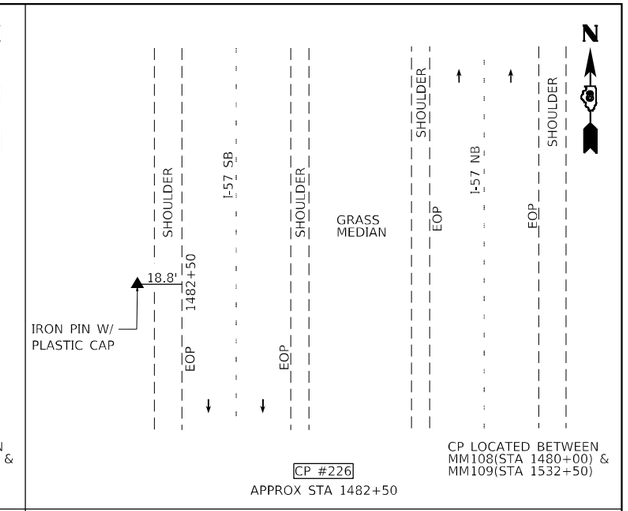
CP #223
APPROX STA 1505+00



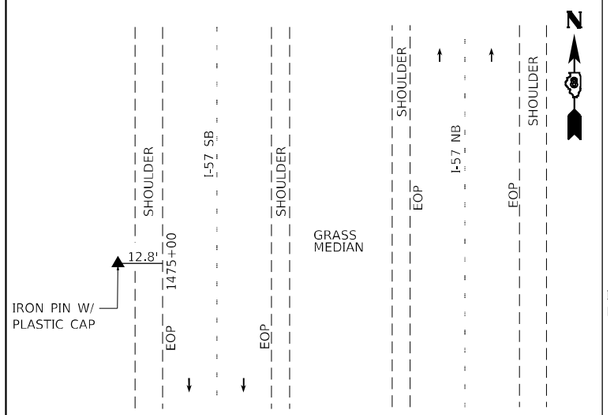
CP #224
APPROX STA 1497+50



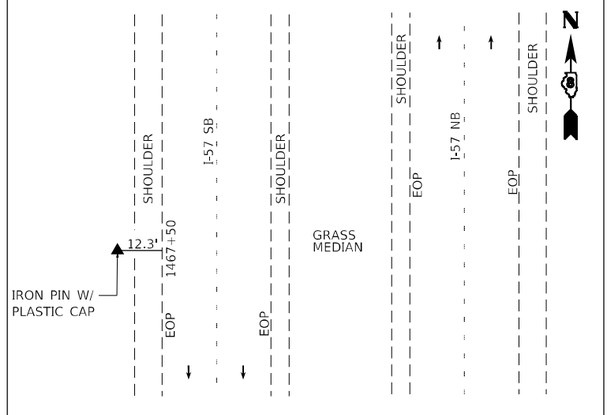
CP #225
APPROX STA 1490+00



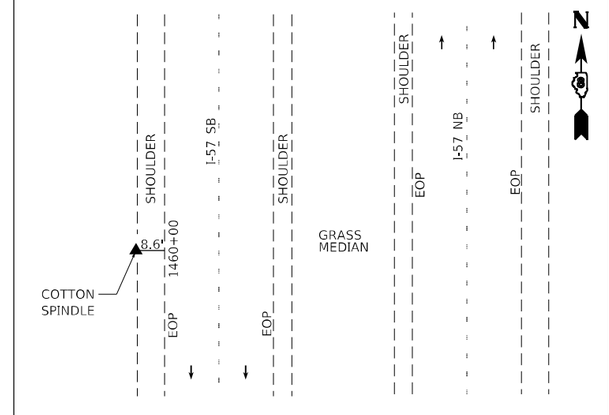
CP #226
APPROX STA 1482+50



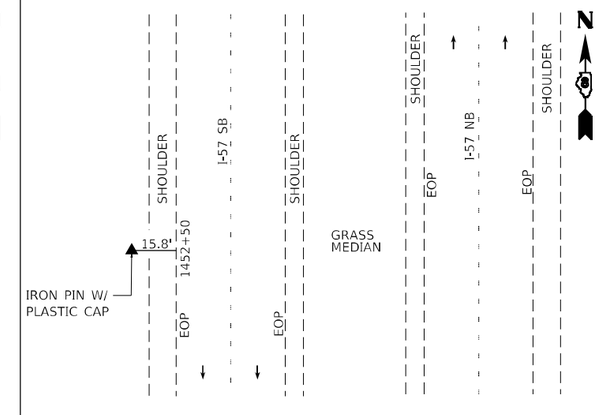
CP #227
APPROX STA 1475+00



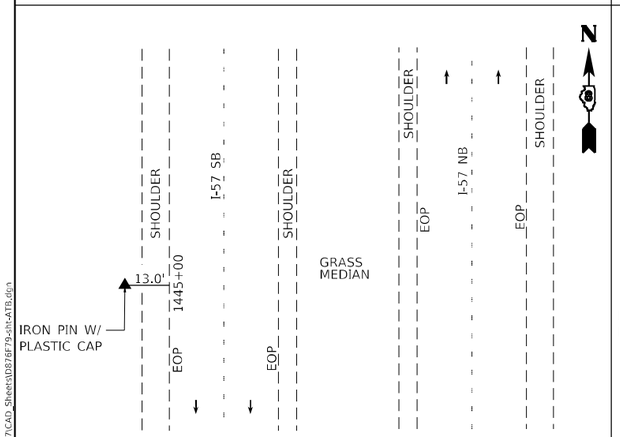
CP #228
APPROX STA 1467+50



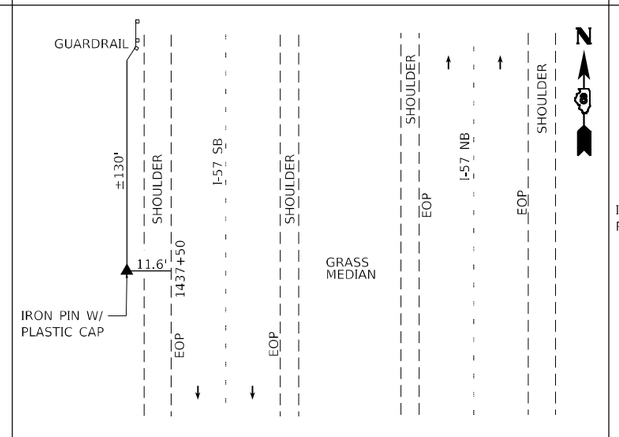
CP #229
APPROX STA 1460+00



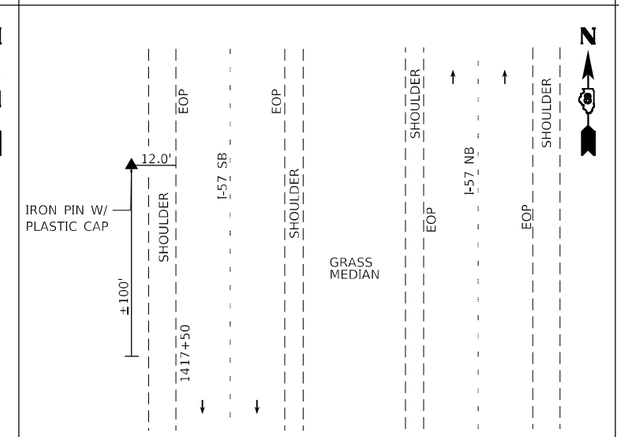
CP #230
APPROX STA 1452+50



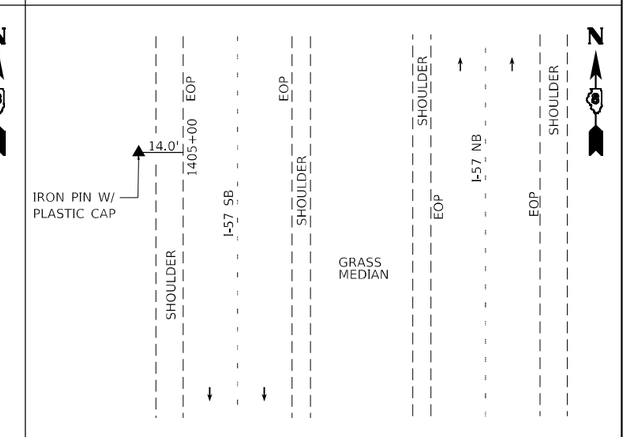
CP #231
APPROX STA 1445+0



CP #232
APPROX STA 1437+50



CP #233
APPROX STA 1416+50



CP #234
APPROX STA 1405+00

MODEL: Default
FILE NAME: K:\9137_IDOT_D8_I57\CAD_Sheets\D876F79-sht-ATB.dgn

HMG
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
Engineers • Surveyors (618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 2/16/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

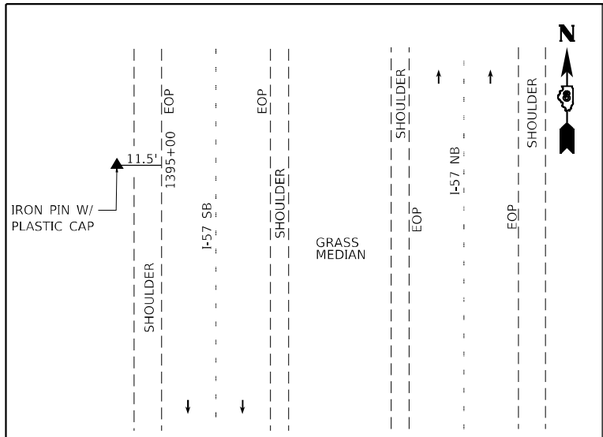
ALIGNMENTS, TIES AND BENCHMARKS

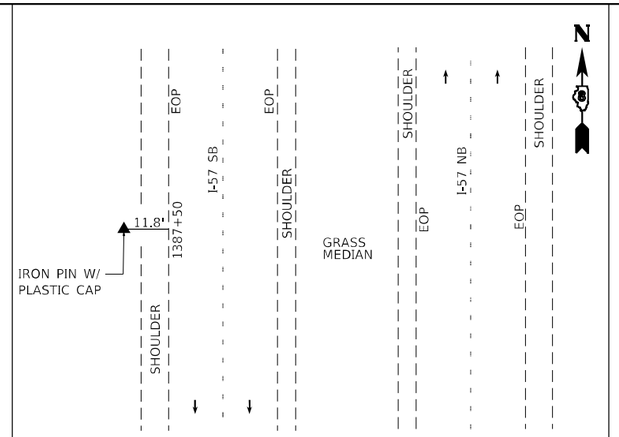
SCALE: | SHEET 6 OF 7 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	34

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)





BENCHMARK I.D.	LOCATION	ELEVATION (NAVD 88)	EXISTING MONUMENT TYPE
BM 57-1	SOUTH END OF CONCRETE PAD FOR CRASH BARRELS IN MEDIAN OF I-57, AT SOUTH SIDE OF WALNUT HILL RD BRIDGE (SN 061-0027) OVER I-57,±MM 106.0	596.67	CUT "SQUARE"
BM 57-2	SOUTH END OF CONCRETE PAD FOR CRASH BARRELS IN MEDIAN OF I-57, AT SOUTH SIDE OF KELL RD/CR 100N BRIDGE (SN 061-0046) OVER I-57, ±MM 107.0	571.85	CUT "SQUARE"
BM 57-3	WEST SIGN LEG FOUNDATION FOR SIGN READING "IL161 CENTRALIA, 1 MILE" AT EAST SIDE OF NB I-57, ±MM 107.75	581.34	CUT "SQUARE"
BM 57-4	WEST SIGN LEG FOUNDATION FOR SIGN READING "IL161 CENTRALIA, 1/2 MILE" AT EAST SIDE OF NB-157, ±MM 108.3	548.80	CUT "SQUARE"
BM 57-5	SOUTH END OF CONCRETE PAD FOR CRASH BARRELS IN MEDIAN OF I-57, AT SOUTH SIDE OF IL161 BRIDGE (SN 061-0017) OVER I-57, ±MM 109.0	543.33	CUT "SQUARE"
BM 57-6	CENTER OF FIRST MEDIAN TURNAROUND NORTH OF IL 161, ±MM 109.8	555.06	COTTON SPINDLE
BM 57-7	NORTH END OF HEADWALL FOR A BOX CULVERT (SN 061-2475) AT EAST SIDE OF I-57, ±MM 110.25	544.27	CUT "SQUARE"
BM 57-8	SOUTH END OF CONCRETE PAD FOR CRASH BARRELS IN MEDIAN OF I-57, AT SOUTH SIDE OF LEVEE RD/CR 500N BRIDGE (SN 061-0045) OVER I-57, ±MM 111.0	572.42	CUT "SQUARE"
BM 57-9	CENTER OF SHOULDER AT EAST SIDE OF NB I-57 AT MM 112.0	555.07	COTTON SPINDLE
BM 57-10	SOUTH END OF CONCRETE PAD FOR CRASH BARRELS IN MEDIAN OF I-57, AT SOUTH SIDE OF NATION RD BRIDGE (SN 061-0028) OVER I-57, ±MM 112.6	522.57	CUT "SQUARE"
BM 57-11	SOUTHEAST PARAPET WALL OF NB I-57 BRIDGE (SN 061-0047) OVER CROOKED CREEK, ±MM 113.4	510.14	CUT "SQUARE"

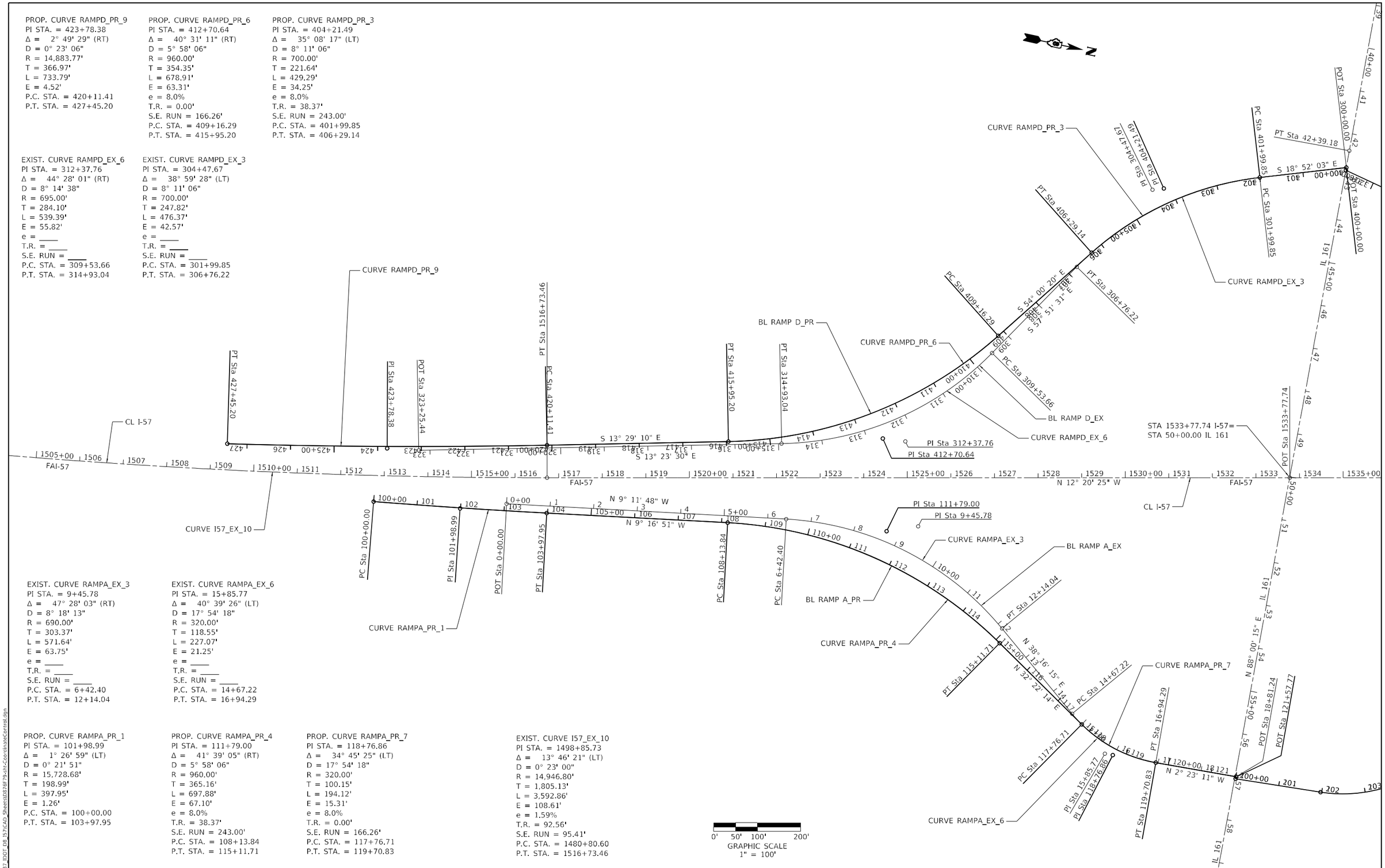
PROP. CURVE RAMPD_PR_9
PI STA. = 423+78.38
Δ = 2° 49' 29" (RT)
D = 0° 23' 06"
R = 14,883.77'
T = 366.97'
L = 733.79'
E = 4.52'
P.C. STA. = 420+11.41
P.T. STA. = 427+45.20

PROP. CURVE RAMPD_PR_6
PI STA. = 412+70.64
Δ = 40° 31' 11" (RT)
D = 5° 58' 06"
R = 960.00'
T = 354.35'
L = 678.91'
E = 63.31'
e = 8.0%
T.R. = 0.00'
S.E. RUN = 166.26'
P.C. STA. = 409+16.29
P.T. STA. = 415+95.20

PROP. CURVE RAMPD_PR_3
PI STA. = 404+21.49
Δ = 35° 08' 17" (LT)
D = 8° 11' 06"
R = 700.00'
T = 221.64'
L = 429.29'
E = 34.25'
e = 8.0%
T.R. = 38.37'
S.E. RUN = 243.00'
P.C. STA. = 401+99.85
P.T. STA. = 406+29.14

EXIST. CURVE RAMPD_EX_6
PI STA. = 312+37.76
Δ = 44° 28' 01" (RT)
D = 8° 14' 38"
R = 695.00'
T = 284.10'
L = 539.39'
E = 55.82'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 309+53.66
P.T. STA. = 314+93.04

EXIST. CURVE RAMPD_EX_3
PI STA. = 304+47.67
Δ = 38° 59' 28" (LT)
D = 8° 11' 06"
R = 700.00'
T = 247.82'
L = 476.37'
E = 42.57'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 301+99.85
P.T. STA. = 306+76.22



EXIST. CURVE RAMPA_EX_3
PI STA. = 9+45.78
Δ = 47° 28' 03" (RT)
D = 8° 18' 13"
R = 690.00'
T = 303.37'
L = 571.64'
E = 63.75'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 6+42.40
P.T. STA. = 12+14.04

EXIST. CURVE RAMPA_EX_6
PI STA. = 15+85.77
Δ = 40° 39' 26" (LT)
D = 17° 54' 18"
R = 320.00'
T = 118.55'
L = 227.07'
E = 21.25'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 14+67.22
P.T. STA. = 16+94.29

PROP. CURVE RAMPA_PR_1
PI STA. = 101+98.99
Δ = 1° 26' 59" (LT)
D = 0° 21' 51"
R = 15,728.68'
T = 198.99'
L = 397.95'
E = 1.26'
P.C. STA. = 100+00.00
P.T. STA. = 103+97.95

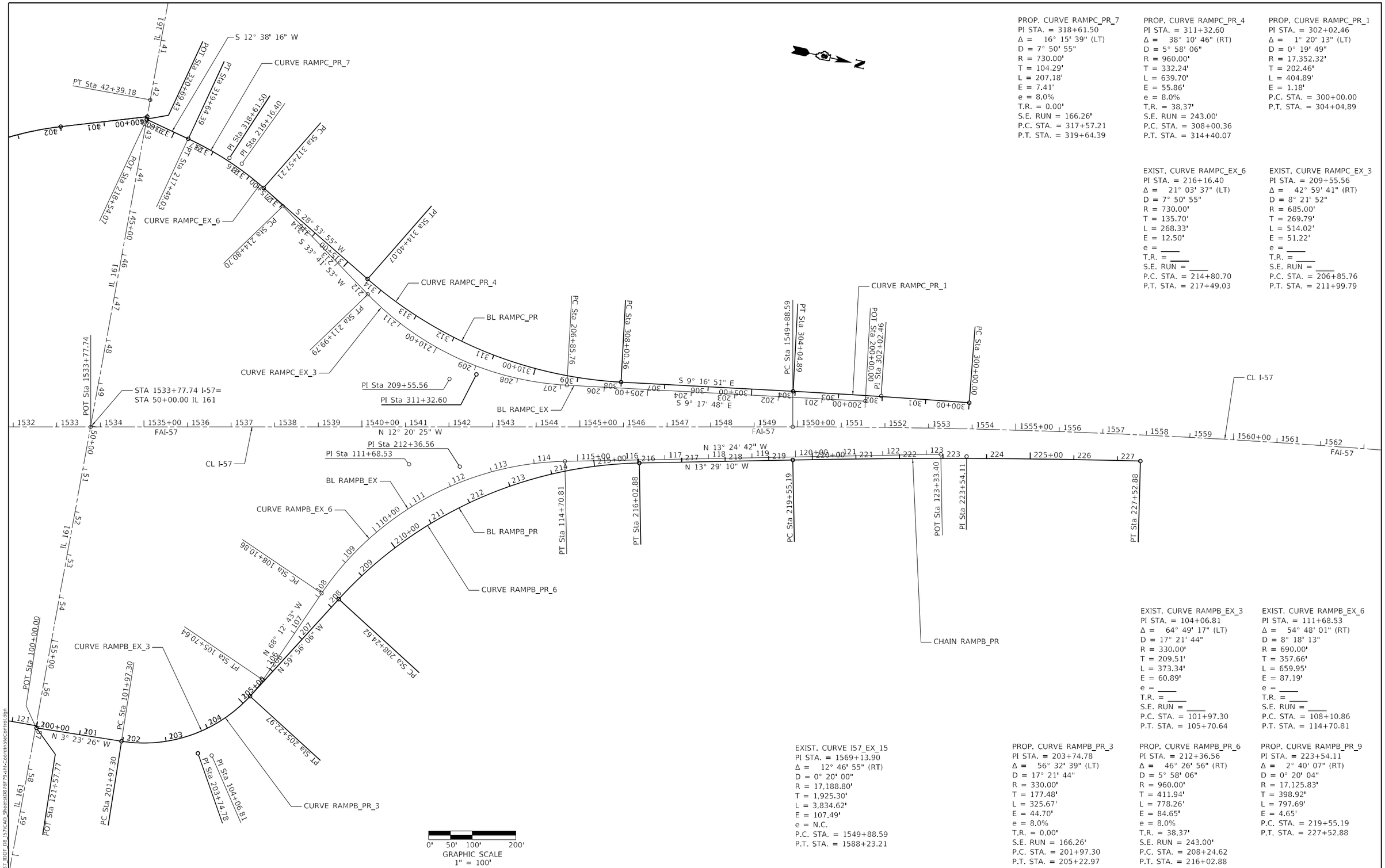
PROP. CURVE RAMPA_PR_4
PI STA. = 111+79.00
Δ = 41° 39' 05" (RT)
D = 5° 58' 06"
R = 960.00'
T = 365.16'
L = 697.88'
E = 67.10'
e = 8.0%
T.R. = 38.37'
S.E. RUN = 243.00'
P.C. STA. = 108+13.84
P.T. STA. = 115+11.71

PROP. CURVE RAMPA_PR_7
PI STA. = 118+76.86
Δ = 34° 45' 25" (LT)
D = 17° 54' 18"
R = 320.00'
T = 100.15'
L = 194.12'
E = 15.31'
e = 8.0%
T.R. = 0.00'
S.E. RUN = 166.26'
P.C. STA. = 117+76.71
P.T. STA. = 119+70.83

EXIST. CURVE I57_EX_10
PI STA. = 1498+85.73
Δ = 13° 46' 21" (LT)
D = 0° 23' 00"
R = 14,946.80'
T = 1,805.13'
L = 3,592.86'
E = 108.61'
e = 1.59%
T.R. = 92.56'
S.E. RUN = 95.41'
P.C. STA. = 1480+80.60
P.T. STA. = 1516+73.46

MODEL: Default
FILE NAME: K:\8137_IDOT_D8_I57\CAD_Sheet\D876F79-sht-CoordinateControl.dgn

HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED - M.OBRIEN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COORDINATE CONTROL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - M.OBRIEN	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 36
	PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" =100' SHEET 1 OF 7 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT	NHPP-KC9D(768)	



PROP. CURVE RAMPC_PR_7
PI STA. = 318+61.50
Δ = 16° 15' 39" (LT)
D = 7° 50' 55"
R = 730.00'
T = 104.29'
L = 207.18'
E = 7.41'
e = 8.0%
T.R. = 0.00'
S.E. RUN = 166.26'
P.C. STA. = 317+57.21
P.T. STA. = 319+64.39

PROP. CURVE RAMPC_PR_4
PI STA. = 311+32.60
Δ = 38° 10' 46" (RT)
D = 5° 58' 06"
R = 960.00'
T = 332.24'
L = 639.70'
E = 55.86'
e = 8.0%
T.R. = 38.37'
S.E. RUN = 243.00'
P.C. STA. = 308+00.36
P.T. STA. = 314+40.07

PROP. CURVE RAMPC_PR_1
PI STA. = 302+02.46
Δ = 1° 20' 13" (LT)
D = 0° 19' 49"
R = 17,352.32'
T = 202.46'
L = 404.89'
E = 1.18'
P.C. STA. = 300+00.00
P.T. STA. = 304+04.89

EXIST. CURVE RAMPC_EX_6
PI STA. = 216+16.40
Δ = 21° 03' 37" (LT)
D = 7° 50' 55"
R = 730.00'
T = 135.70'
L = 268.33'
E = 12.50'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 214+80.70
P.T. STA. = 217+49.03

EXIST. CURVE RAMPC_EX_3
PI STA. = 209+55.56
Δ = 42° 59' 41" (RT)
D = 8° 21' 52"
R = 685.00'
T = 269.79'
L = 514.02'
E = 51.22'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 206+85.76
P.T. STA. = 211+99.79

EXIST. CURVE RAMPB_EX_3
PI STA. = 104+06.81
Δ = 64° 49' 17" (LT)
D = 17° 21' 44"
R = 330.00'
T = 209.51'
L = 373.34'
E = 60.89'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 101+97.30
P.T. STA. = 105+70.64

EXIST. CURVE RAMPB_EX_6
PI STA. = 111+68.53
Δ = 54° 48' 01" (RT)
D = 8° 18' 13"
R = 690.00'
T = 357.66'
L = 659.95'
E = 87.19'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 108+10.86
P.T. STA. = 114+70.81

EXIST. CURVE I57_EX_15
PI STA. = 1569+13.90
Δ = 12° 46' 55" (RT)
D = 0° 20' 00"
R = 17,188.80'
T = 1,925.30'
L = 3,834.62'
E = 107.49'
e = N.C.
P.C. STA. = 1549+88.59
P.T. STA. = 1588+23.21

PROP. CURVE RAMPB_PR_3
PI STA. = 203+74.78
Δ = 56° 32' 39" (LT)
D = 17° 21' 44"
R = 330.00'
T = 177.48'
L = 325.67'
E = 44.70'
e = 8.0%
T.R. = 0.00'
S.E. RUN = 166.26'
P.C. STA. = 201+97.30
P.T. STA. = 205+22.97

PROP. CURVE RAMPB_PR_6
PI STA. = 212+36.56
Δ = 46° 26' 56" (RT)
D = 5° 58' 06"
R = 960.00'
T = 411.94'
L = 778.26'
E = 84.65'
e = 8.0%
T.R. = 38.37'
S.E. RUN = 243.00'
P.C. STA. = 208+24.62
P.T. STA. = 216+02.88

PROP. CURVE RAMPB_PR_9
PI STA. = 223+54.11
Δ = 2° 40' 07" (RT)
D = 0° 20' 04"
R = 17,125.83'
T = 398.92'
L = 797.69'
E = 4.65'
P.C. STA. = 219+55.19
P.T. STA. = 227+52.88

MODEL: Default
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HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED - M.OBRIEN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COORDINATE CONTROL	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - M.OBRIEN	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 37
	PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" =100' SHEET 2 OF 7 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT NHPP-KC9D(768)		

Chain I57 EX contains:
1608 1609 CUR I57 EX 5 STAEQU1 CUR I57 EX 10 1611 CUR I57 EX 15 1612 1613 CUR I-57 EX 22

Beginning chain I57 EX description
Feature: Geom Ex Centerline
==========

Point 1608 N 655,927.8478 E 304,888.8406 Sta 1338+00.00

Course from 1608 to 1609 N 0° 30' 13.94" E Dist 3,508.3933

Point 1609 N 659,436.1055 E 304,919.6938 Sta 1373+08.39

Course from 1609 to PC I57 EX 5 N 0° 30' 13.94" E Dist 4,188.1033

Curve Data

Curve I57 EX 5
P.I. Station 1420+53.60 N 664,181.1250 E 304,961.4236
Delta = 0° 55' 42.52" (RT)
Degree = 0° 05' 00.00"
Tangent = 557.0997
Length = 1,114.1750
Radius = 68,754.9800
External = 2.2570
Long Chord = 1,114.1629
Mid. Ord. = 2.2569
P.C. Station 1414+96.50 N 663,624.0468 E 304,956.5244
P.T. Station 1426+10.67 N 664,738.0506 E 304,975.3492
C.C. N 663,019.4085 E 373,708.8457
Back = N 0° 30' 13.94" E
Ahead = N 1° 25' 56.46" E
Chord Bear = N 0° 58' 05.20" E

Course from PT I57 EX 5 to STAEQU1 N 1° 25' 56.46" E Dist 5,364.1399

End Region 1
Equation: Sta 1479+74.81 (BK) = Sta 1479+73.77 (AH)

Begin Region 2

Point STAEQU1 N 670,100.5145 E 305,109.4345 Sta 1479+73.77

Course from STAEQU1 to PC I57 EX 10 N 1° 25' 56.46" E Dist 106.8309

Curve Data

Curve I57 EX 10
P.I. Station 1498+85.73 N 672,011.8800 E 305,157.2272
Delta = 13° 46' 21.27" (LT)
Degree = 0° 22' 59.99"
Tangent = 1,805.1321
Length = 3,592.8638
Radius = 14,946.8000
External = 108.6087
Long Chord = 3,584.2201
Mid. Ord. = 107.8252
P.C. Station 1480+80.60 N 670,207.3119 E 305,112.1049
P.T. Station 1516+73.46 N 673,775.3060 E 304,771.4410
C.C. N 670,580.9314 E 290,169.9753
Back = N 1° 25' 56.46" E
Ahead = N 12° 20' 24.81" W
Chord Bear = N 5° 27' 14.18" W

Course from PT I57 EX 10 to 1611 N 12° 20' 24.81" W Dist 1,704.2782

Point 1611 N 675,440.2082 E 304,407.2090 Sta 1533+77.74

Course from 1611 to PC I57 EX 15 N 12° 20' 24.81" W Dist 1,610.8517

Curve Data

Curve I57 EX 15
P.I. Station 1569+13.90 N 678,894.6608 E 303,651.4756
Delta = 12° 46' 55.25" (RT)
Degree = 0° 20' 00.00"
Tangent = 1,925.3010
Length = 3,834.6190
Radius = 17,188.8000
External = 107.4895
Long Chord = 3,826.6721
Mid. Ord. = 106.8215
P.C. Station 1549+88.59 N 677,013.8424 E 304,062.9438
P.T. Station 1588+23.21 N 680,819.9046 E 303,666.3208
C.C. N 680,687.3688 E 320,854.6098
Back = N 12° 20' 24.81" W
Ahead = N 0° 26' 30.44" E
Chord Bear = N 5° 56' 57.19" W

Course from PT I57 EX 15 to 1612 N 0° 26' 30.44" E Dist 5,231.0044

Point 1612 N 686,050.7535 E 303,706.6549 Sta 1640+54.22

Course from 1612 to 1613 N 0° 26' 30.44" E Dist 7,931.5404

Point 1613 N 693,982.0582 E 303,767.8117 Sta 1719+85.76

Course from 1613 to PC I57 EX 22 N 0° 26' 30.44" E Dist 5,718.8646

Curve Data

Curve I57 EX 22
P.I. Station 1789+75.82 N 700,971.9130 E 303,821.7092
Delta = 11° 49' 20.49" (LT)
Degree = 0° 28' 00.00"
Tangent = 1,271.1980
Length = 2,533.3692
Radius = 12,277.7000
External = 65.6327
Long Chord = 2,528.8774
Mid. Ord. = 65.2837
P.C. Station 1777+04.62 N 699,700.7528 E 303,811.9076
P.T. Station 1802+37.99 N 702,218.1169 E 303,570.8702
C.C. N 699,795.4210 E 291,534.5725
Back = N 0° 26' 30.44" E
Ahead = N 11° 22' 50.05" W
Chord Bear = N 5° 28' 09.81" W

==========
Ending chain I57 EX description

MODEL: Default
FILE NAME: K:\8137_IDOT_D8_I57\CAD_Sheets\D876F79-sht-CoordinateControl.dgn

HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED - M.OBRIEN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COORDINATE CONTROL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - M.OBRIEN	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484	38
	PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: N.T.S. SHEET 3 OF 7 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	

Chain RAMPA EX contains:
1012 CUR RAMPA EX 3 CUR RAMPA EX 6 1013

Beginning chain RAMPA EX description
Feature: Geom Ex Baseline

==========

Point 1012 N 673,697.4025 E 304,849.5602 Sta 0+00.00

Course from 1012 to PC RAMPA EX 3 N 9° 11' 48.49" W Dist 642.4022

Curve Data

Curve RAMPA EX 3
P.I. Station 9+45.78 N 674,631.0215 E 304,698.4004
Delta = 47° 28' 03.44" (RT)
Degree = 8° 18' 13.45"
Tangent = 303.3746
Length = 571.6418
Radius = 690.0000
External = 63.7481
Long Chord = 555.4335
Mid. Ord. = 58.3566
P.C. Station 6+42.40 N 674,331.5467 E 304,746.8876
P.T. Station 12+14.04 N 674,869.1984 E 304,886.3044
C.C. N 674,441.8267 E 305,428.0178
Back = N 9° 11' 48.49" W
Ahead = N 38° 16' 14.96" E
Chord Bear = N 14° 32' 13.24" E

Course from PT RAMPA EX 3 to PC RAMPA EX 6 N 38° 16' 14.96" E Dist 253.1712

Curve Data

Curve RAMPA EX 6
P.I. Station 15+85.77 N 675,161.0365 E 305,116.5430
Delta = 40° 39' 26.29" (LT)
Degree = 17° 54' 17.75"
Tangent = 118.5535
Length = 227.0732
Radius = 320.0000
External = 21.2550
Long Chord = 222.3390
Mid. Ord. = 19.9311
P.C. Station 14+67.22 N 675,067.9611 E 305,043.1134
P.T. Station 16+94.29 N 675,279.4873 E 305,111.6064
C.C. N 675,266.1625 E 304,791.8840
Back = N 38° 16' 14.96" E
Ahead = N 2° 23' 11.34" W
Chord Bear = N 17° 56' 31.81" E

Course from PT RAMPA EX 6 to 1013 N 2° 23' 11.34" W Dist 186.9488

Point 1013 N 675,466.2740 E 305,103.8219 Sta 18+81.24

==========
Ending chain RAMPA EX description

Chain RAMPA PR contains:
CUR RAMPA PR 1 CUR RAMPA PR 4 CUR RAMPA PR 7 1638

Beginning chain RAMPA PR description
Feature: Geom Pr Baseline

==========

Curve Data

Curve RAMPA PR 1
P.I. Station 101+98.99 N 673,595.3992 E 304,882.8301
Delta = 1° 26' 58.69" (LT)
Degree = 0° 21' 51.39"
Tangent = 198.9855
Length = 397.9498
Radius = 15,728.6781
External = 1.2586
Long Chord = 397.9391
Mid. Ord. = 1.2585
P.C. Station 100+00.00 N 673,398.2695 E 304,909.9431
P.T. Station 103+97.95 N 673,791.7799 E 304,850.7388
C.C. N 671,255.1407 E 289,327.9563
Back = N 7° 49' 52.54" W
Ahead = N 9° 16' 51.23" W
Chord Bear = N 8° 33' 21.89" W

Course from PT RAMPA PR 1 to PC RAMPA PR 4 N 9° 16' 51.23" W Dist 415.8856

Curve Data

Curve RAMPA PR 4
P.I. Station 111+79.00 N 674,562.6048 E 304,724.7753
Delta = 41° 39' 05.39" (RT)
Degree = 5° 58' 05.92"
Tangent = 365.1635
Length = 697.8775
Radius = 960.0000
External = 67.1049
Long Chord = 682.6119
Mid. Ord. = 62.7206
P.C. Station 108+13.84 N 674,202.2214 E 304,783.6669
P.T. Station 115+11.71 N 674,871.0229 E 304,920.2814
C.C. N 674,357.0452 E 305,731.1001
Back = N 9° 16' 51.23" W
Ahead = N 32° 22' 14.16" E
Chord Bear = N 11° 32' 41.46" E

Course from PT RAMPA PR 4 to PC RAMPA PR 7 N 32° 22' 14.16" E Dist 264.9928

Curve Data

Curve RAMPA PR 7
P.I. Station 118+76.86 N 675,179.4238 E 305,115.7767
Delta = 34° 45' 25.50" (LT)
Degree = 17° 54' 17.75"
Tangent = 100.1503
Length = 194.1202
Radius = 320.0000
External = 15.3060
Long Chord = 191.1574
Mid. Ord. = 14.6073
P.C. Station 117+76.71 N 675,094.8366 E 305,062.1569
P.T. Station 119+70.83 N 675,279.4873 E 305,111.6064
C.C. N 675,266.1625 E 304,791.8840
Back = N 32° 22' 14.16" E
Ahead = N 2° 23' 11.34" W
Chord Bear = N 14° 59' 31.41" E

Course from PT RAMPA PR 7 to 1638 N 2° 23' 11.34" W Dist 186.9488

Point 1638 N 675,466.2740 E 305,103.8219 Sta 121+57.77

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Ending chain RAMPA PR description

Chain RAMPB EX contains:
1014 CUR RAMPB EX 3 CUR RAMPB EX 6 1015

Beginning chain RAMPB EX description
Feature: Geom Ex Baseline

==========

Point 1014 N 675,466.3618 E 305,108.7235 Sta 100+00.00

Course from 1014 to PC RAMPB EX 3 N 3° 23' 26.34" W Dist 197.2995

Curve Data

Curve RAMPB EX 3
P.I. Station 104+06.81 N 675,872.4595 E 305,084.6634
Delta = 64° 49' 16.54" (LT)
Degree = 17° 21' 44.49"
Tangent = 209.5103
Length = 373.3437
Radius = 330.0000
External = 60.8894
Long Chord = 353.7491
Mid. Ord. = 51.4046
P.C. Station 101+97.30 N 675,663.3159 E 305,097.0545
P.T. Station 105+70.64 N 675,950.2244 E 304,890.1199
C.C. N 675,643.7986 E 304,767.6322
Back = N 3° 23' 26.34" W
Ahead = N 68° 12' 42.87" W
Chord Bear = N 35° 48' 04.61" W

Course from PT RAMPB EX 3 to PC RAMPB EX 6 N 68° 12' 42.87" W Dist 240.2195

Curve Data

Curve RAMPB EX 6
P.I. Station 111+68.53 N 676,172.1439 E 304,334.9469
Delta = 54° 48' 01.17" (RT)
Degree = 8° 18' 13.45"
Tangent = 357.6645
Length = 659.9478
Radius = 690.0000
External = 87.1897
Long Chord = 635.0792
Mid. Ord. = 77.4083
P.C. Station 108+10.86 N 676,039.3878 E 304,667.0610
P.T. Station 114+70.81 N 676,520.0545 E 304,251.9886
C.C. N 676,680.0963 E 304,923.1716
Back = N 68° 12' 42.87" W
Ahead = N 13° 24' 41.71" W
Chord Bear = N 40° 48' 42.29" W

Course from PT RAMPB EX 6 to 1015 N 13° 24' 41.71" W Dist 862.5940

Point 1015 N 677,359.1247 E 304,051.9146 Sta 123+33.40

==========

Ending chain RAMPB EX description

Chain RAMPB PR contains:
1650 CUR RAMPB PR 3 CUR RAMPB PR 6 CUR RAMPB PR 9

Beginning chain RAMPB PR description
Feature: Geom Pr Baseline

==========

Point 1650 N 675,466.3618 E 305,108.7235 Sta 200+00.00

Course from 1650 to PC RAMPB PR 3 N 3° 23' 26.34" W Dist 197.2995

Curve Data

Curve RAMPB PR 3
P.I. Station 203+74.78 N 675,840.4849 E 305,086.5578
Delta = 56° 32' 39.24" (LT)
Degree = 17° 21' 44.49"
Tangent = 177.4796
Length = 325.6714
Radius = 330.0000
External = 44.6986
Long Chord = 312.6154
Mid. Ord. = 39.3664
P.C. Station 201+97.30 N 675,663.3159 E 305,097.0545
P.T. Station 205+22.97 N 675,929.3993 E 304,932.9569
C.C. N 675,643.7986 E 304,767.6322
Back = N 3° 23' 26.34" W
Ahead = N 59° 56' 05.58" W
Chord Bear = N 31° 39' 45.96" W

Course from PT RAMPB PR 3 to PC RAMPB PR 6 N 59° 56' 05.58" W Dist 301.6517

Curve Data

Curve RAMPB PR 6
P.I. Station 212+36.56 N 676,286.8980 E 304,315.3730
Delta = 46° 26' 56.02" (RT)
Degree = 5° 58' 05.92"
Tangent = 411.9415
Length = 778.2587
Radius = 960.0000
External = 84.6510
Long Chord = 757.1214
Mid. Ord. = 77.7915
P.C. Station 208+24.62 N 676,080.5219 E 304,671.8905
P.T. Station 216+02.88 N 676,687.4810 E 304,219.3051
C.C. N 676,911.3603 E 305,152.8350
Back = N 59° 56' 05.58" W
Ahead = N 13° 29' 09.56" W
Chord Bear = N 36° 42' 37.57" W

Course from PT RAMPB PR 6 to PC RAMPB PR 9 N 13° 29' 09.56" W Dist 352.3084

Curve Data

Curve RAMPB PR 9
P.I. Station 223+54.11 N 677,417.9938 E 304,044.1135
Delta = 2° 40' 07.46" (RT)
Degree = 0° 20' 04.41"
Tangent = 398.9179
Length = 797.6916
Radius = 17,125.8263
External = 4.6454
Long Chord = 797.6194
Mid. Ord. = 4.6442
P.C. Station 219+55.19 N 677,030.0752 E 304,137.1441
P.T. Station 227+52.88 N 677,809.8232 E 303,969.2457
C.C. N 681,023.9475 E 320,790.7597
Back = N 13° 29' 09.56" W
Ahead = N 10° 49' 02.10" W
Chord Bear = N 12° 09' 05.83" W

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Ending chain RAMPB PR description

Chain RAMPC EX contains:
1016 CUR RAMPC EX 3 CUR RAMPC EX 6 1017

Beginning chain RAMPC EX description
Feature: Geom Ex Baseline
==========

Point 1016 N 677,163.9546 E 303,969.5455 Sta 200+00.00

Course from 1016 to PC RAMPC EX 3 S 9° 17' 47.84" E Dist 685.7624

Curve Data

Curve RAMPC EX 3
P.I. Station 209+55.56 N 676,220.9504 E 304,123.9113
Delta = 42° 59' 41.32" (RT)
Degree = 8° 21' 51.65"
Tangent = 269.7928
Length = 514.0247
Radius = 685.0000
External = 51.2154
Long Chord = 502.0490
Mid. Ord. = 47.6526
P.C. Station 206+85.76 N 676,487.1995 E 304,080.3274
P.T. Station 211+99.79 N 675,996.4904 E 303,974.2253
C.C. N 676,376.5408 E 303,404.3247
Back = S 9° 17' 47.84" E
Ahead = S 33° 41' 53.48" W
Chord Bear = S 12° 12' 02.82" W

Course from PT RAMPC EX 3 to PC RAMPC EX 6 S 33° 41' 53.48" W Dist 280.9143

Curve Data

Curve RAMPC EX 6
P.I. Station 216+16.40 N 675,649.8829 E 303,743.0827
Delta = 21° 03' 37.36" (LT)
Degree = 7° 50' 55.45"
Tangent = 135.6954
Length = 268.3282
Radius = 730.0000
External = 12.5047
Long Chord = 266.8202
Mid. Ord. = 12.2941
P.C. Station 214+80.70 N 675,762.7776 E 303,818.3690
P.T. Station 217+49.03 N 675,517.4750 E 303,713.3943
C.C. N 675,357.7604 E 304,425.7083
Back = S 33° 41' 53.48" W
Ahead = S 12° 38' 16.12" W
Chord Bear = S 23° 10' 04.80" W

Course from PT RAMPC EX 6 to 1017 S 12° 38' 16.12" W Dist 105.0408

Point 1017 N 675,414.9791 E 303,690.4127 Sta 218+54.07

==========
Ending chain RAMPC EX description

Chain RAMPC PR contains:
CUR RAMPC PR 1 CUR RAMPC PR 4 CUR RAMPC PR 7 1651

Beginning chain RAMPC PR description
Feature: Geom Pr Baseline
==========

Curve Data

Curve RAMPC PR 1
P.I. Station 302+02.46 N 677,197.0492 E 303,950.4232
Delta = 1° 20' 12.92" (LT)
Degree = 0° 19' 48.69"
Tangent = 202.4561
Length = 404.8938
Radius = 17,352.3196
External = 1.1810
Long Chord = 404.8846
Mid. Ord. = 1.1809
P.C. Station 300+00.00 N 677,397.5625 E 303,922.4429
P.T. Station 304+04.89 N 676,997.2433 E 303,983.0741
C.C. N 679,795.7218 E 321,108.2460
Back = S 7° 56' 38.15" E
Ahead = S 9° 16' 51.07" E
Chord Bear = S 8° 36' 44.61" E

Course from PT RAMPC PR 1 to PC RAMPC PR 4 S 9° 16' 51.07" E Dist 395.4685

Curve Data

Curve RAMPC PR 4
P.I. Station 311+32.60 N 676,279.0635 E 304,100.4341
Delta = 38° 10' 46.13" (RT)
Degree = 5° 58' 05.92"
Tangent = 332.2373
Length = 639.7034
Radius = 960.0000
External = 55.8650
Long Chord = 627.9335
Mid. Ord. = 52.7928
P.C. Station 308+00.36 N 676,606.9517 E 304,046.8529
P.T. Station 314+40.07 N 675,988.1976 E 303,939.8766
C.C. N 676,452.1286 E 303,099.4196
Back = S 9° 16' 51.07" E
Ahead = S 28° 53' 55.06" W
Chord Bear = S 9° 48' 32.00" W

Course from PT RAMPC PR 4 to PC RAMPC PR 7 S 28° 53' 55.06" W Dist 317.1491

Curve Data

Curve RAMPC PR 7
P.I. Station 318+61.50 N 675,619.2381 E 303,736.2115
Delta = 16° 15' 38.94" (LT)
Degree = 7° 50' 55.45"
Tangent = 104.2897
Length = 207.1775
Radius = 730.0000
External = 7.4119
Long Chord = 206.4829
Mid. Ord. = 7.3374
P.C. Station 317+57.21 N 675,710.5412 E 303,786.6107
P.T. Station 319+64.39 N 675,517.4750 E 303,713.3943
C.C. N 675,357.7604 E 304,425.7083
Back = S 28° 53' 55.06" W
Ahead = S 12° 38' 16.12" W
Chord Bear = S 20° 46' 05.59" W

Course from PT RAMPC PR 7 to 1651 S 12° 38' 16.12" W Dist 105.0408

Point 1651 N 675,414.9791 E 303,690.4127 Sta 320+69.43

==========
Ending chain RAMPC PR description

Chain RAMPD EX contains:
964 CUR RAMPD EX 3 CUR RAMPD EX 6 965

Beginning chain RAMPD EX description
Feature: Geom Ex Baseline

==========

Point 964 N 675,414.7686 E 303,684.1488 Sta 300+00.00

Course from 964 to PC RAMPD EX 3 S 18° 52' 03.43" E Dist 199.8497

Curve Data

Curve RAMPD EX 3
P.I. Station 304+47.67 N 674,991.1514 E 303,828.9179
Delta = 38° 59' 27.83" (LT)
Degree = 8° 11' 06.40"
Tangent = 247.8216
Length = 476.3657
Radius = 700.0000
External = 42.5736
Long Chord = 467.2267
Mid. Ord. = 40.1327
P.C. Station 301+99.85 N 675,225.6571 E 303,748.7767
P.T. Station 306+76.22 N 674,859.3081 E 304,038.7580
C.C. N 675,452.0250 E 304,411.1645
Back = S 18° 52' 03.43" E
Ahead = S 57° 51' 31.26" E
Chord Bear = S 38° 21' 47.35" E

Course from PT RAMPD EX 3 to PC RAMPD EX 6 S 57° 51' 31.26" E Dist 277.4436

Curve Data

Curve RAMPD EX 6
P.I. Station 312+37.76 N 674,560.5628 E 304,514.2367
Delta = 44° 28' 00.89" (RT)
Degree = 8° 14' 38.39"
Tangent = 284.0978
Length = 539.3854
Radius = 695.0000
External = 55.8239
Long Chord = 525.9501
Mid. Ord. = 51.6734
P.C. Station 309+53.66 N 674,711.7055 E 304,273.6802
P.T. Station 314+93.04 N 674,284.1899 E 304,580.0360
C.C. N 674,123.2222 E 303,903.9337
Back = S 57° 51' 31.26" E
Ahead = S 13° 23' 30.37" E
Chord Bear = S 35° 37' 30.81" E

Course from PT RAMPD EX 6 to 965 S 13° 23' 30.37" E Dist 832.3928

Point 965 N 673,474.4306 E 304,772.8250 Sta 323+25.44

==========

Ending chain RAMPD EX description

Chain RAMPD PR contains:
1653 CUR RAMPD PR 3 CUR RAMPD PR 6 CUR RAMPD PR 9

Beginning chain RAMPD PR description
Feature: Geom Pr Baseline

==========

Point 1653 N 675,414.7686 E 303,684.1488 Sta 400+00.00

Course from 1653 to PC RAMPD PR 3 S 18° 52' 03.43" E Dist 199.8497

Curve Data

Curve RAMPD PR 3
P.I. Station 404+21.49 N 675,015.9295 E 303,820.4501
Delta = 35° 08' 16.94" (LT)
Degree = 8° 11' 06.40"
Tangent = 221.6366
Length = 429.2921
Radius = 700.0000
External = 34.2498
Long Chord = 422.5962
Mid. Ord. = 32.6522
P.C. Station 401+99.85 N 675,225.6571 E 303,748.7767
P.T. Station 406+29.14 N 674,885.6725 E 303,999.7708
C.C. N 675,452.0250 E 304,411.1645
Back = S 18° 52' 03.43" E
Ahead = S 54° 00' 20.37" E
Chord Bear = S 36° 26' 11.90" E

Course from PT RAMPD PR 3 to PC RAMPD PR 6 S 54° 00' 20.37" E Dist 287.1444

Curve Data

Curve RAMPD PR 6
P.I. Station 412+70.64 N 674,508.6628 E 304,518.7878
Delta = 40° 31' 10.81" (RT)
Degree = 5° 58' 05.92"
Tangent = 354.3499
Length = 678.9136
Radius = 960.0000
External = 63.3103
Long Chord = 664.8539
Mid. Ord. = 59.3934
P.C. Station 409+16.29 N 674,716.9162 E 304,232.0921
P.T. Station 415+95.20 N 674,164.0834 E 304,601.4249
C.C. N 673,940.2042 E 303,667.8950
Back = S 54° 00' 20.37" E
Ahead = S 13° 29' 09.56" E
Chord Bear = S 33° 44' 44.96" E

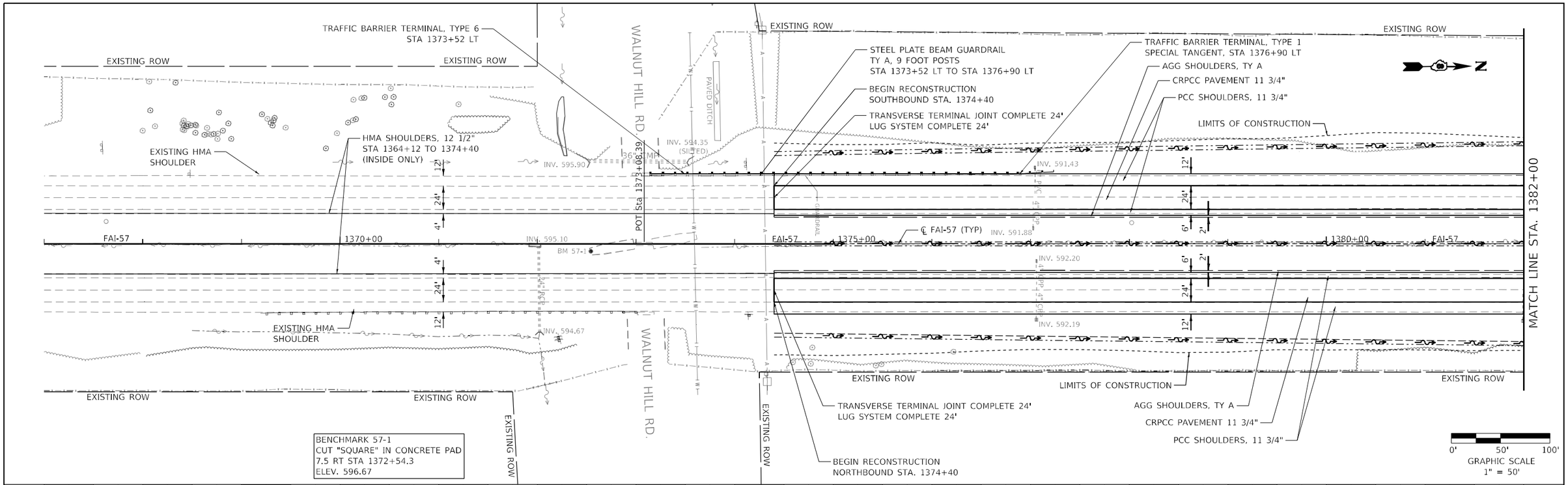
Course from PT RAMPD PR 6 to PC RAMPD PR 9 S 13° 29' 09.56" E Dist 416.2135

Curve Data

Curve RAMPD PR 9
P.I. Station 423+78.38 N 673,402.4970 E 304,784.0686
Delta = 2° 49' 29.08" (RT)
Degree = 0° 23' 05.84"
Tangent = 366.9676
Length = 733.7865
Radius = 14,883.7744
External = 4.5232
Long Chord = 733.7122
Mid. Ord. = 4.5218
P.C. Station 420+11.41 N 673,759.3462 E 304,698.4890
P.T. Station 427+45.20 N 673,041.8640 E 304,851.9583
C.C. N 670,288.3375 E 290,225.1052
Back = S 13° 29' 09.56" E
Ahead = S 10° 39' 40.47" E
Chord Bear = S 12° 04' 25.02" E

==========

Ending chain RAMPD PR description



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SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
R/ OF WAY CHECKED			
CADD FILE NAME			
NOTE BOOK NO.			

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
BAR. NOTED			
STRUCTURE NOTATNS CHKD			
NOTE BOOK NO.			

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HMG
Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

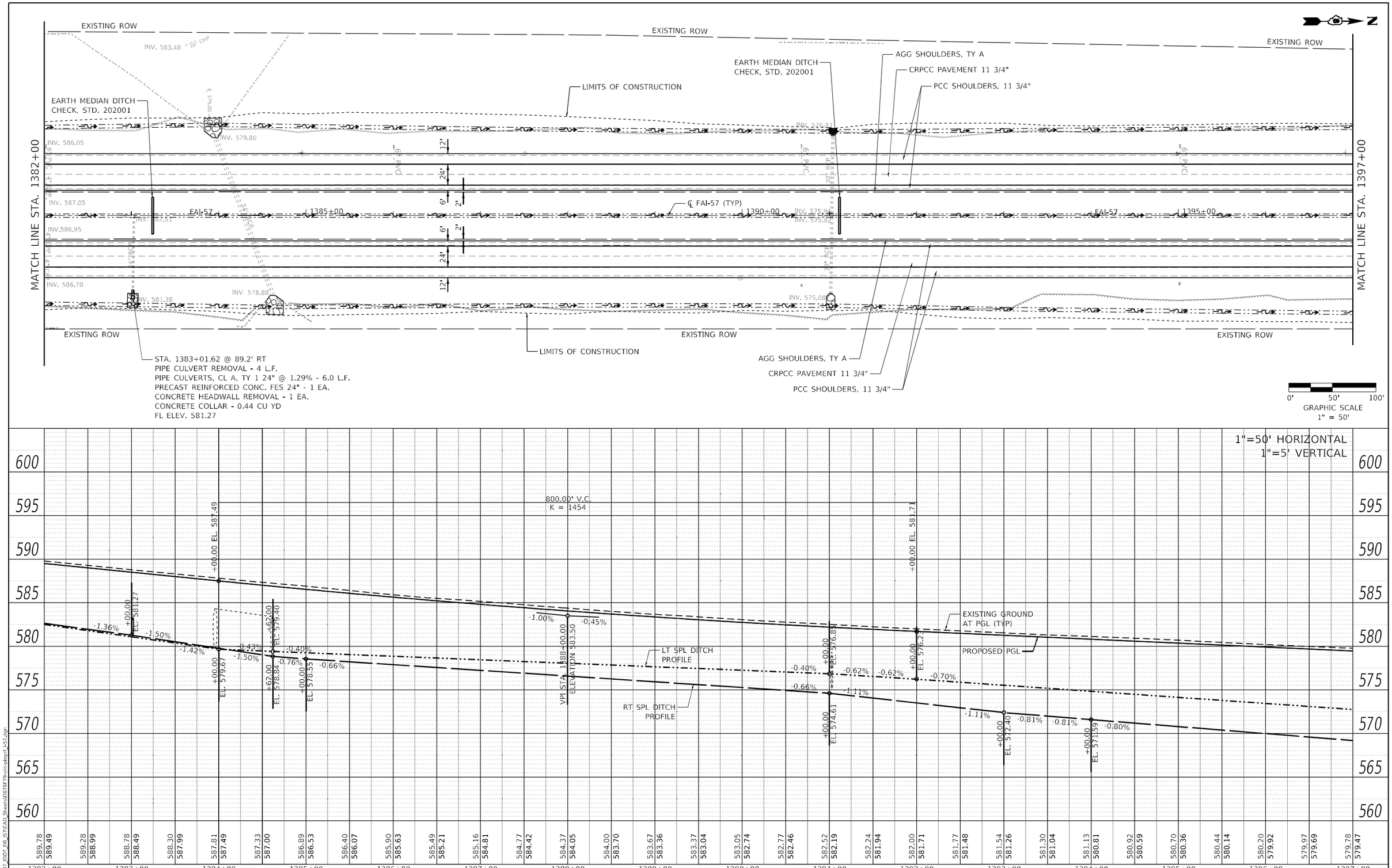
PLAN & PROFILE
FAI–57

SCALE: 1" = 50' | SHEET 1 OF 14 SHEETS | STA. 1367+00 TO STA. 1382+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	43

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)



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SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
R/ OF WAY CHECKED			
CADD FILE NAME			
NOTE BOOK NO.			

PROFILE		BY	DATE
SURVEYED			
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B.M. NOTED			
STRUCTURE NOTATIONS CHKD			
NOTE BOOK NO.			

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HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

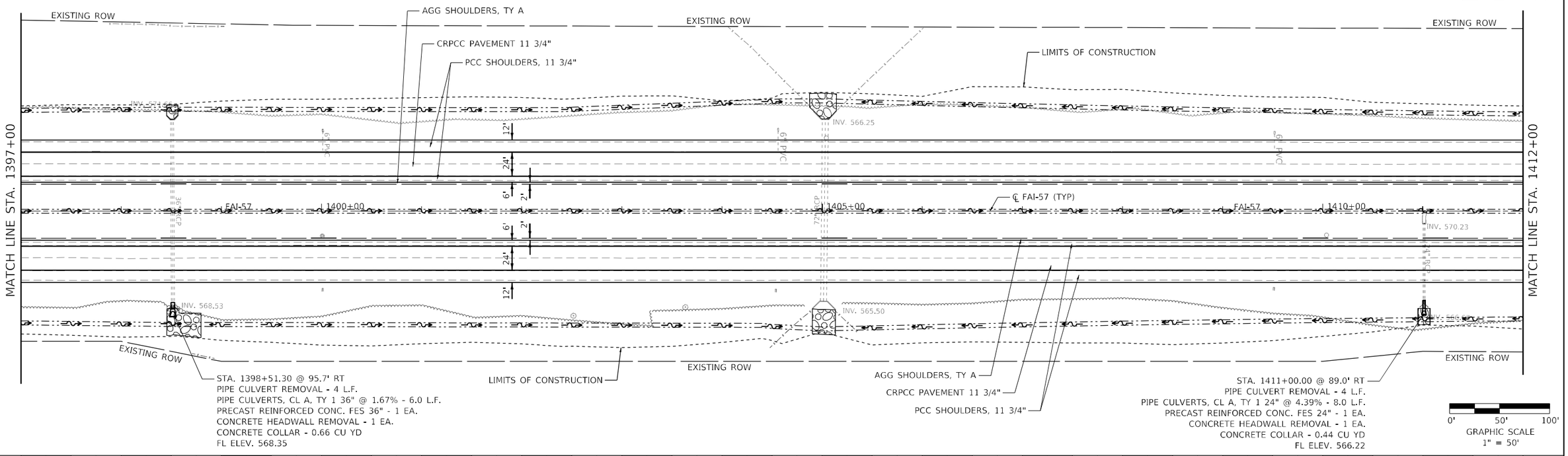
PLAN & PROFILE
FAI–57

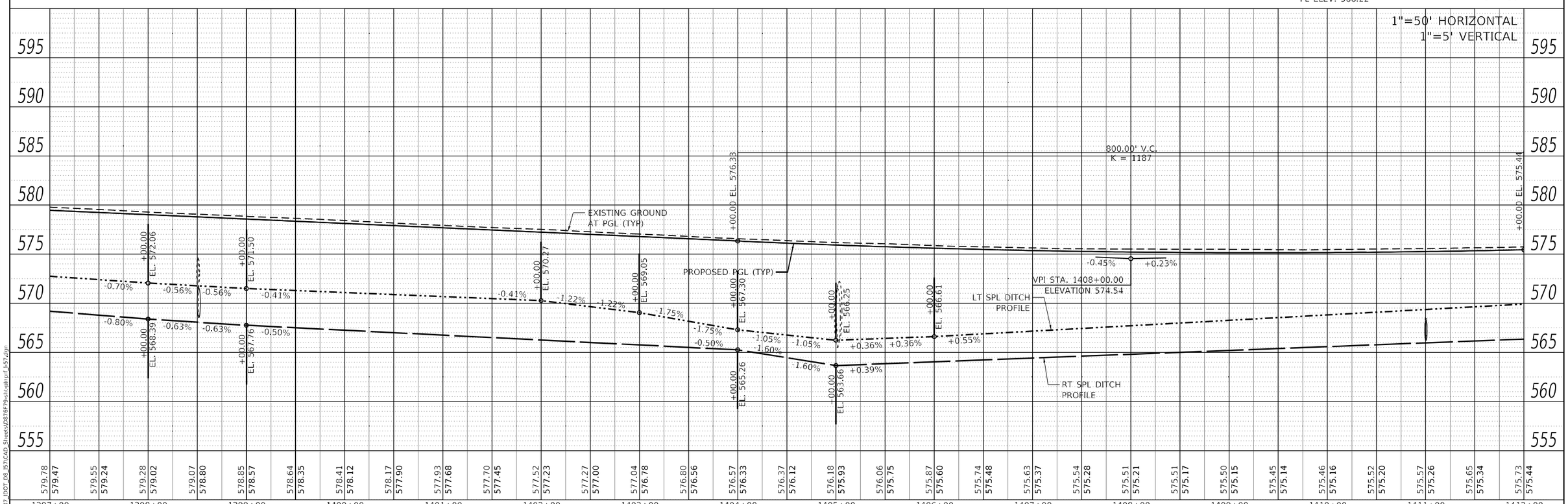
SCALE: 1" = 50' | SHEET 2 OF 14 SHEETS | STA. 1382+00 TO STA. 1397+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	44

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)





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PLOTTED	
ALIGNMENT CHECKED	
R/W CHECKED	
CADD FILE NAME	
NOTE BOOK NO.	
BY	DATE

PROFILE	
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PLOTTED	
GRADES CHECKED	
B.M. NOTED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	
BY	DATE

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HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

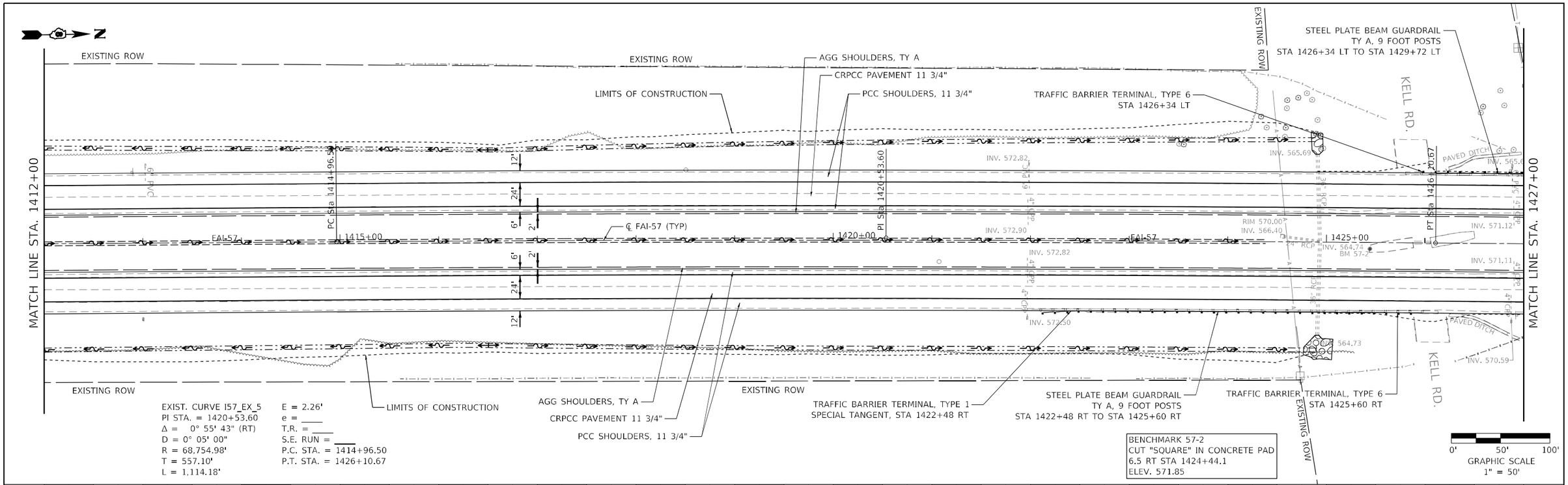
PLAN & PROFILE
FAI–57

SCALE: 1" = 50' | SHEET 3 OF 14 SHEETS | STA. 1397+00 TO STA. 1412+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	45

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)



EXIST. CURVE I57_EX_5
PI STA. = 1420+53.60
Δ = 0° 55' 43" (RT)
D = 0° 05' 00"
R = 68,754.98'
T = 557.10'
L = 1,114.18'

E = 2.26'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 1414+96.50
P.T. STA. = 1426+10.67

BENCHMARK 57-2
CUT "SQUARE" IN CONCRETE PAD
6.5 RT STA 1424+44.1
ELEV. 571.85

PLAN
NOTE BOOK NO.____
SURVEYED ____
PLOTTED ____
ALIGNMENT CHECKED ____
RT. OF WAY CHECKED ____
CADD FILE NAME ____
BY ____ DATE ____

PROFILE
NOTE BOOK NO.____
SURVEYED ____
PLOTTED ____
GRADES CHECKED ____
B.M. NOTED ____
STRUCTURE NOTATNS CHKD ____
BY ____ DATE ____

MODEL: Default
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HMG HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
Engineers • Surveyors (618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

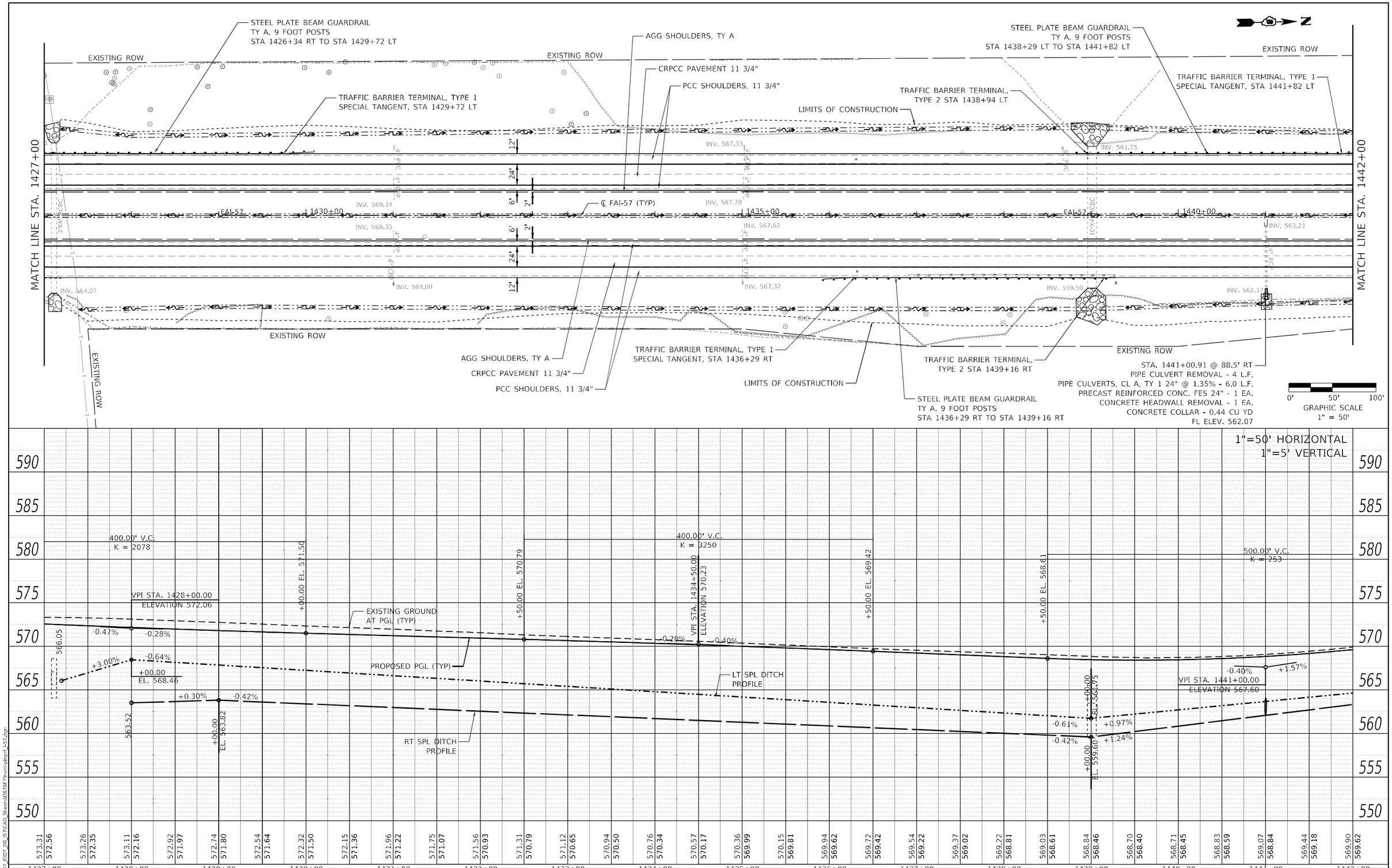
USER NAME = mobrien	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 2/16/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
FAI–57

SCALE: 1" = 50' | SHEET 4 OF 14 SHEETS | STA. 1412+00 TO STA. 1427+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	46
		CONTRACT NO. 76F79		
		ILLINOIS FED. AID PROJECT	NHPP-KC9D(768)	



PLAN			
SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
R/ OF WAY CHECKED			
CADD FILE NAME			
NOTE BOOK NO.	BY	DATE	

PROFILE			
SURVEYED			
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GRADES CHECKED			
B.M. NOTED			
STRUCTURE NOTATIONS CHKD			
NOTE BOOK NO.	BY	DATE	

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HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

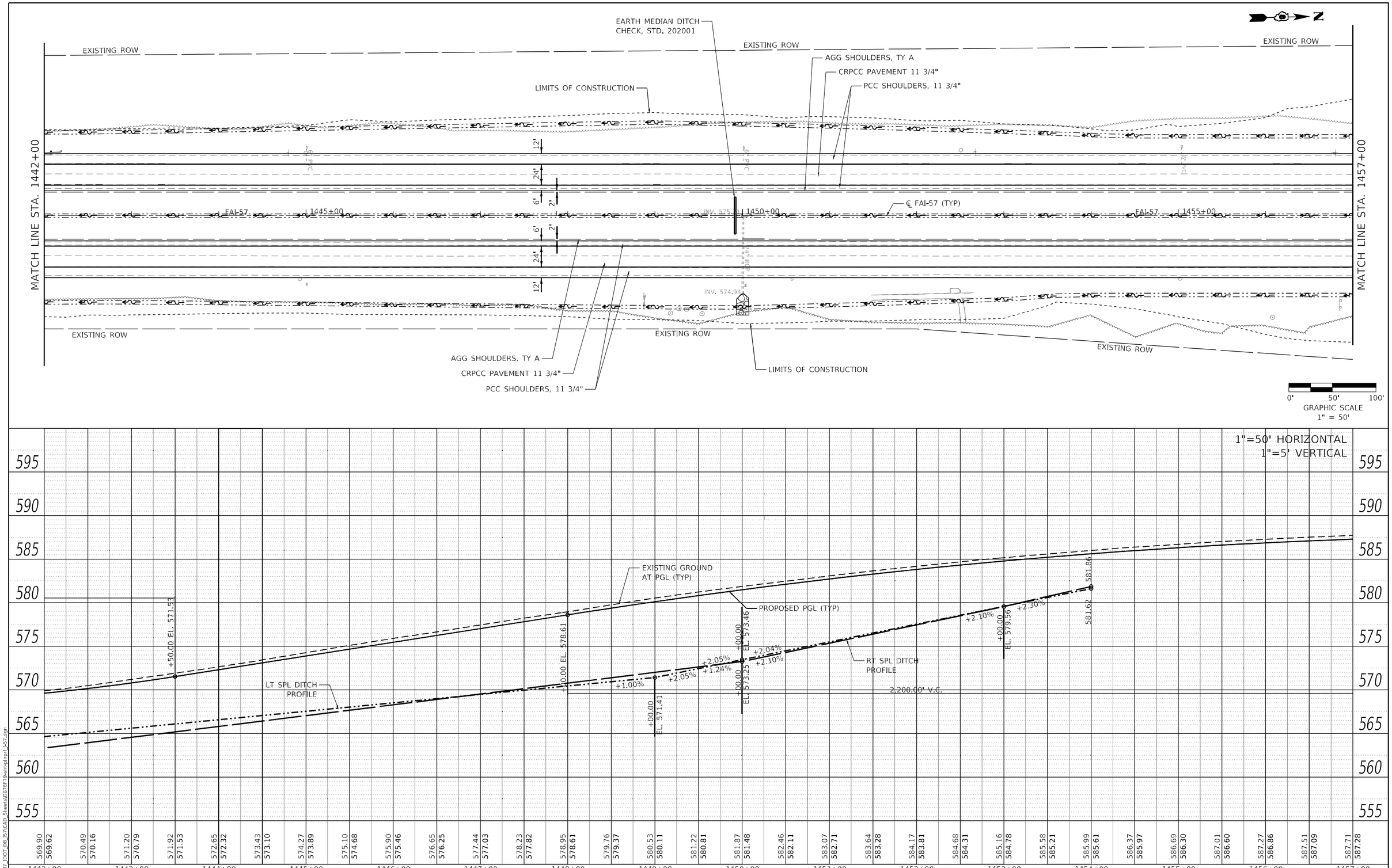
PLAN & PROFILE
FAI–57

SCALE: 1" = 50' | SHEET 5 OF 14 SHEETS | STA. 1427+00 TO STA. 1442+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	47

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)



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NOTE BOOK NO.			

PROFILE		BY	DATE
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GRADES CHECKED			
BDR. NOTED			
STRUCTURE NOTATIONS CHKD			
NOTE BOOK NO.			

MODEL: Default
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HMG Engineers • Surveyors
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

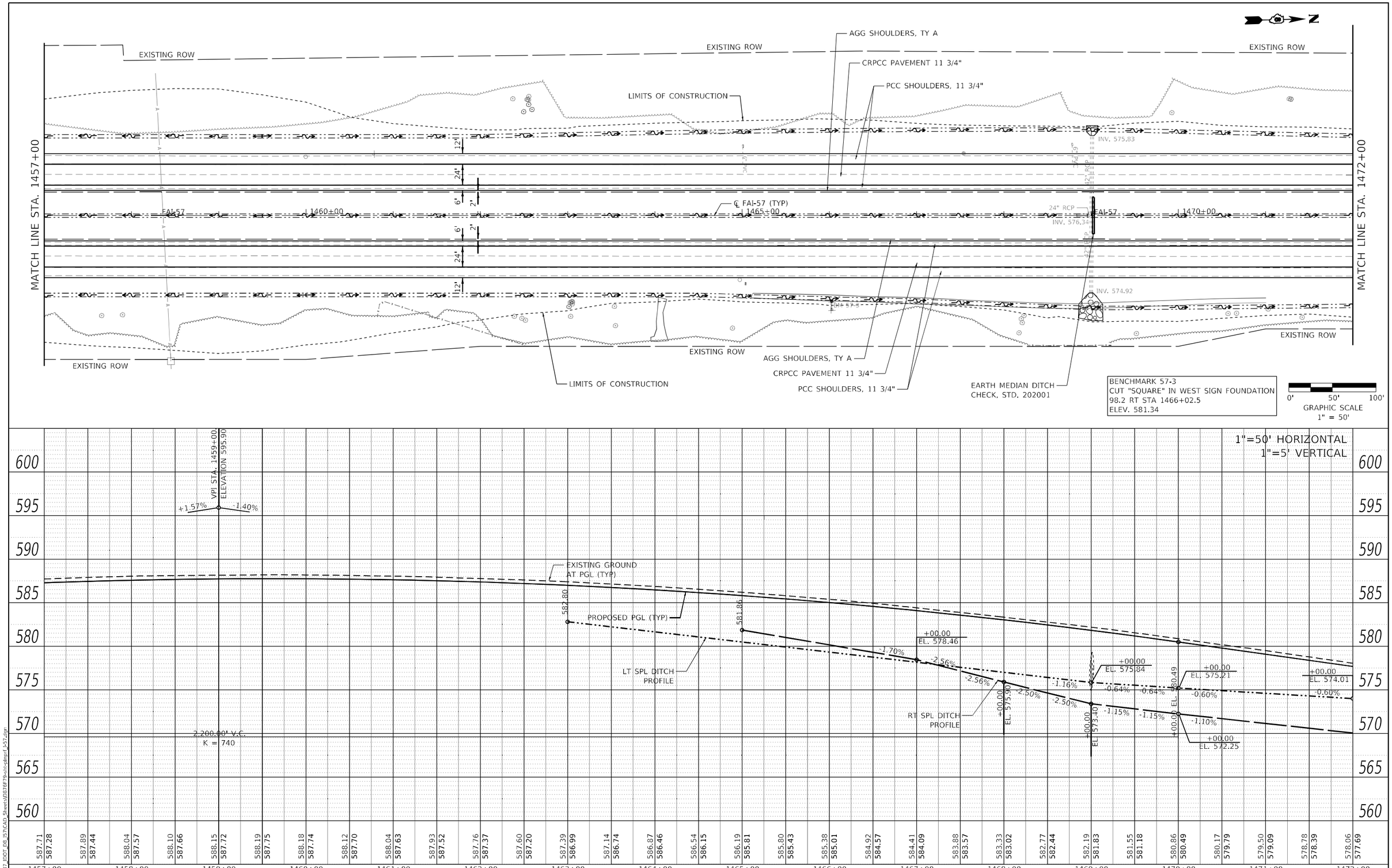
PLAN & PROFILE
FAI–57

SCALE: 1" = 50' | SHEET 6 OF 14 SHEETS | STA. 1442+00 TO STA. 1457+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	48

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)



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NOTE BOOK NO.		

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9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

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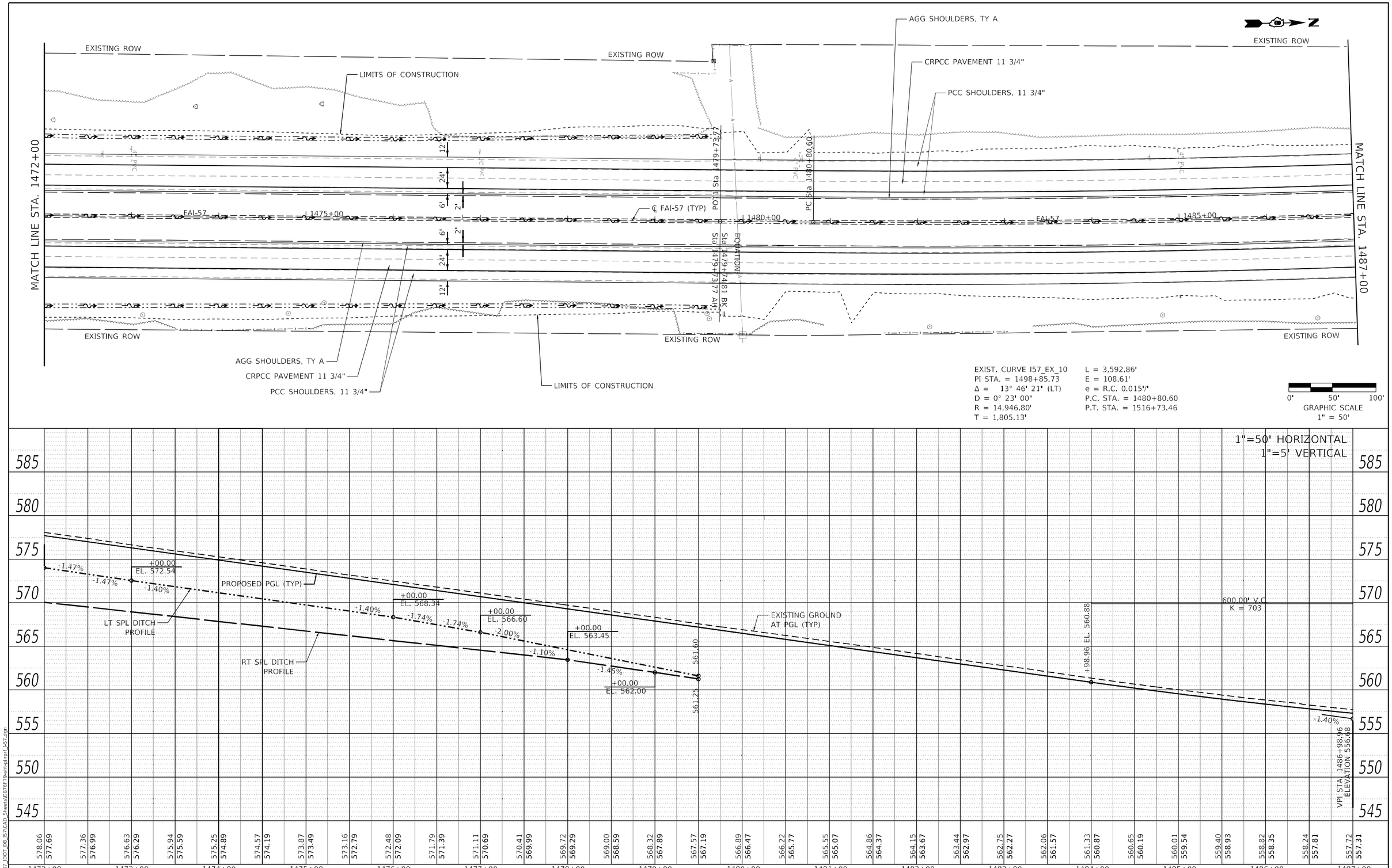
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
FAI–57

SCALE: 1" = 50' | SHEET 7 OF 14 SHEETS | STA. 1457+00 TO STA. 1472+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	49
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT NHPP-KC9D(768)		



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9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

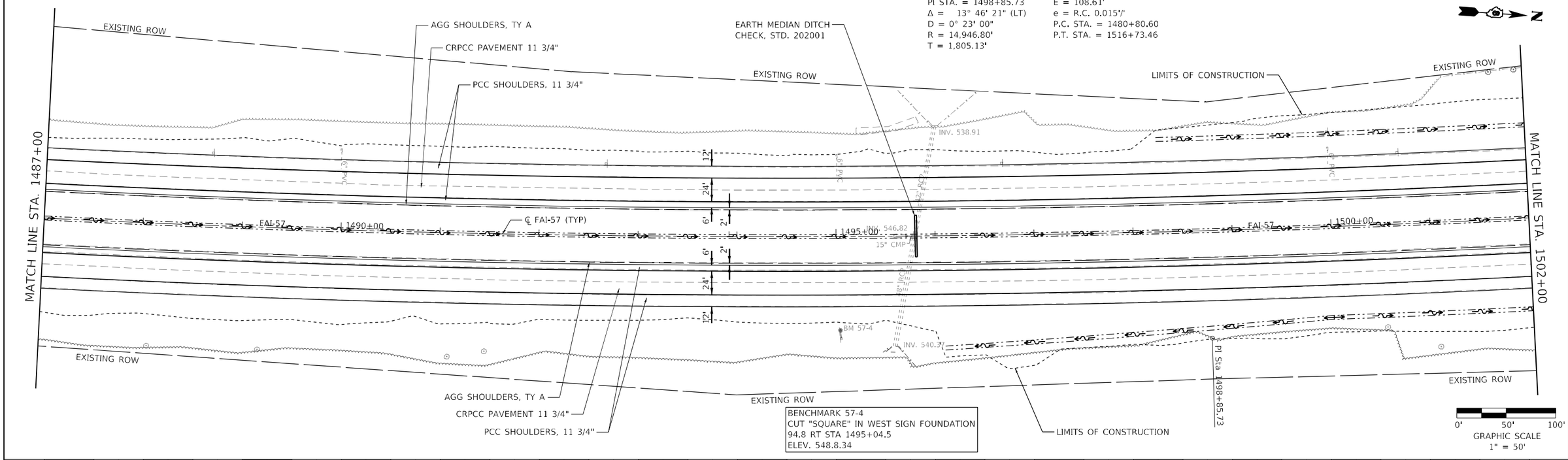
PLAN & PROFILE
FAI–57

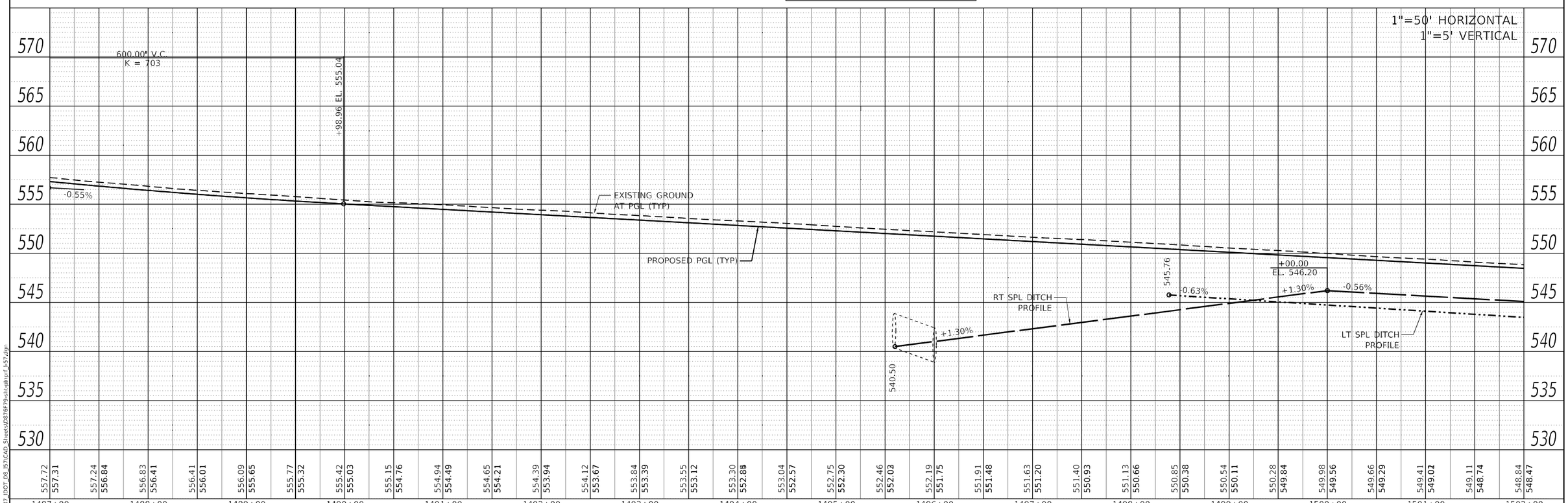
SCALE: 1" = 50' | SHEET 8 OF 14 SHEETS | STA. 1472+00 TO STA. 1487+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	50
		CONTRACT NO. 76F79		
		ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)

EXIST. CURVE I57_EX_10
PI STA. = 1498+85.73
Δ = 13° 46' 21" (LT)
D = 0° 23' 00"
R = 14,946.80'
T = 1,805.13'

L = 3,592.86'
E = 108.61'
e = R.C. 0.015'/'
P.C. STA. = 1480+80.60
P.T. STA. = 1516+73.46





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NOTE BOOK NO.		

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HMG Engineers • Surveyors
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BREESE, ILLINOIS 62230
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
FAI–57

SCALE: 1" = 50' | SHEET 9 OF 14 SHEETS | STA. 1487+00 TO STA. 1502+00

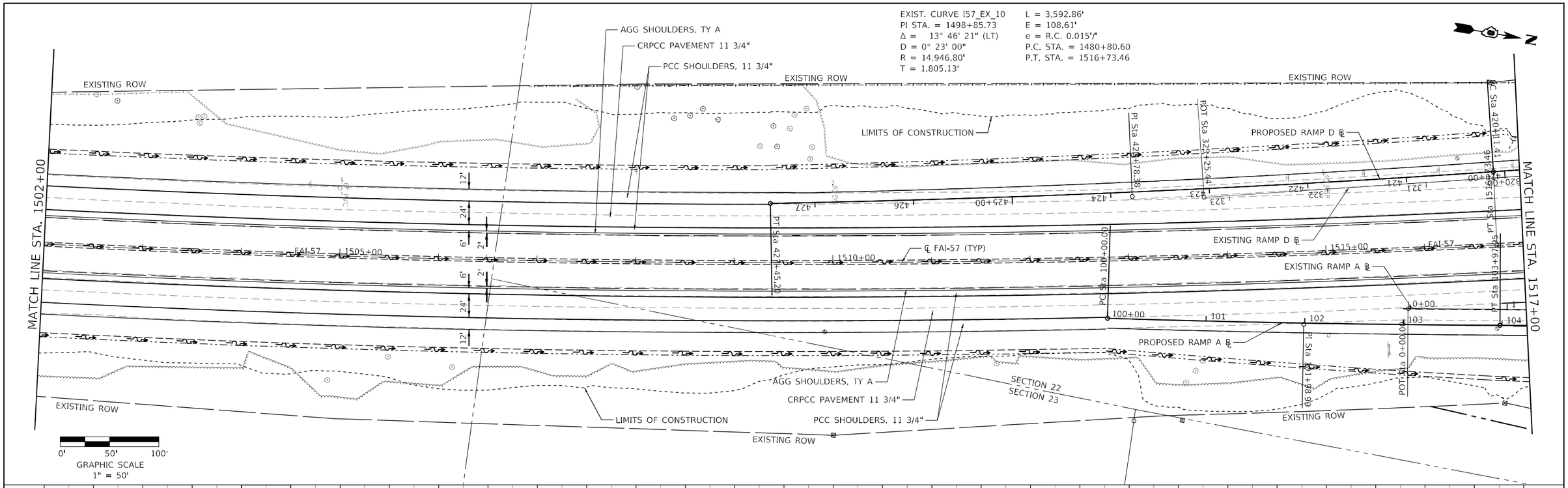
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	51

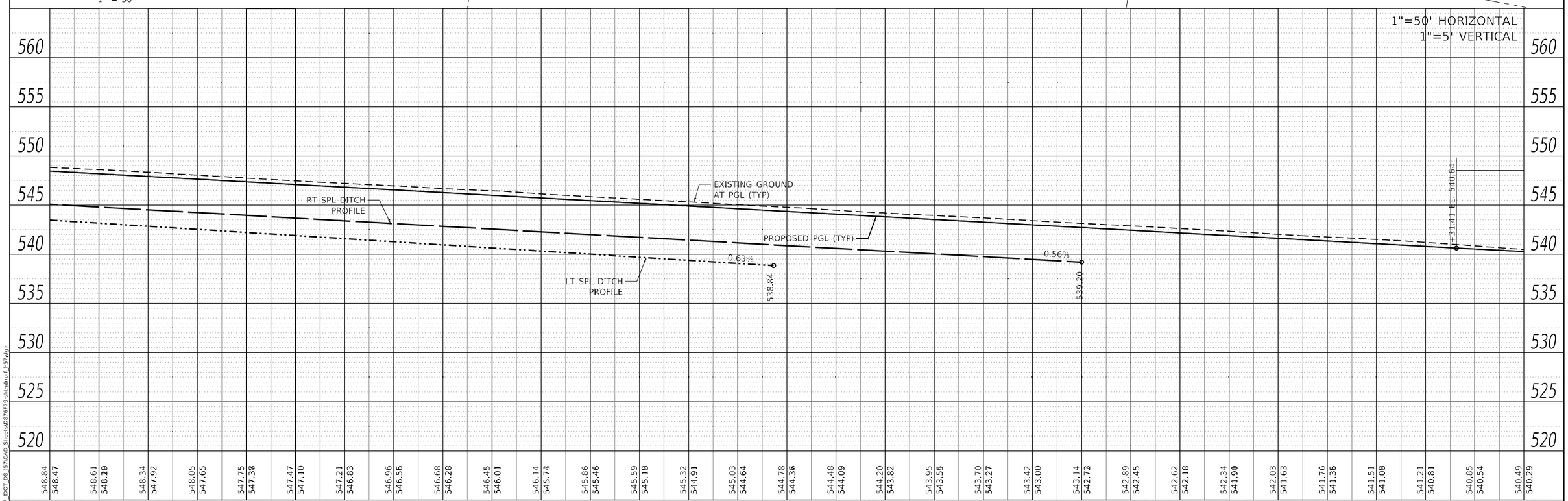
CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)

EXIST. CURVE I57_EX_10
PI STA. = 1498+85.73
Δ = 13° 46' 21" (LT)
D = 0° 23' 00"
R = 14,946.80'
T = 1,805.13'

L = 3,592.86'
E = 108.61'
e = R.C. 0.015'/'
P.C. STA. = 1480+80.60
P.T. STA. = 1516+73.46





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HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
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IL PROF. DESIGN FIRM NO. 184.000899

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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

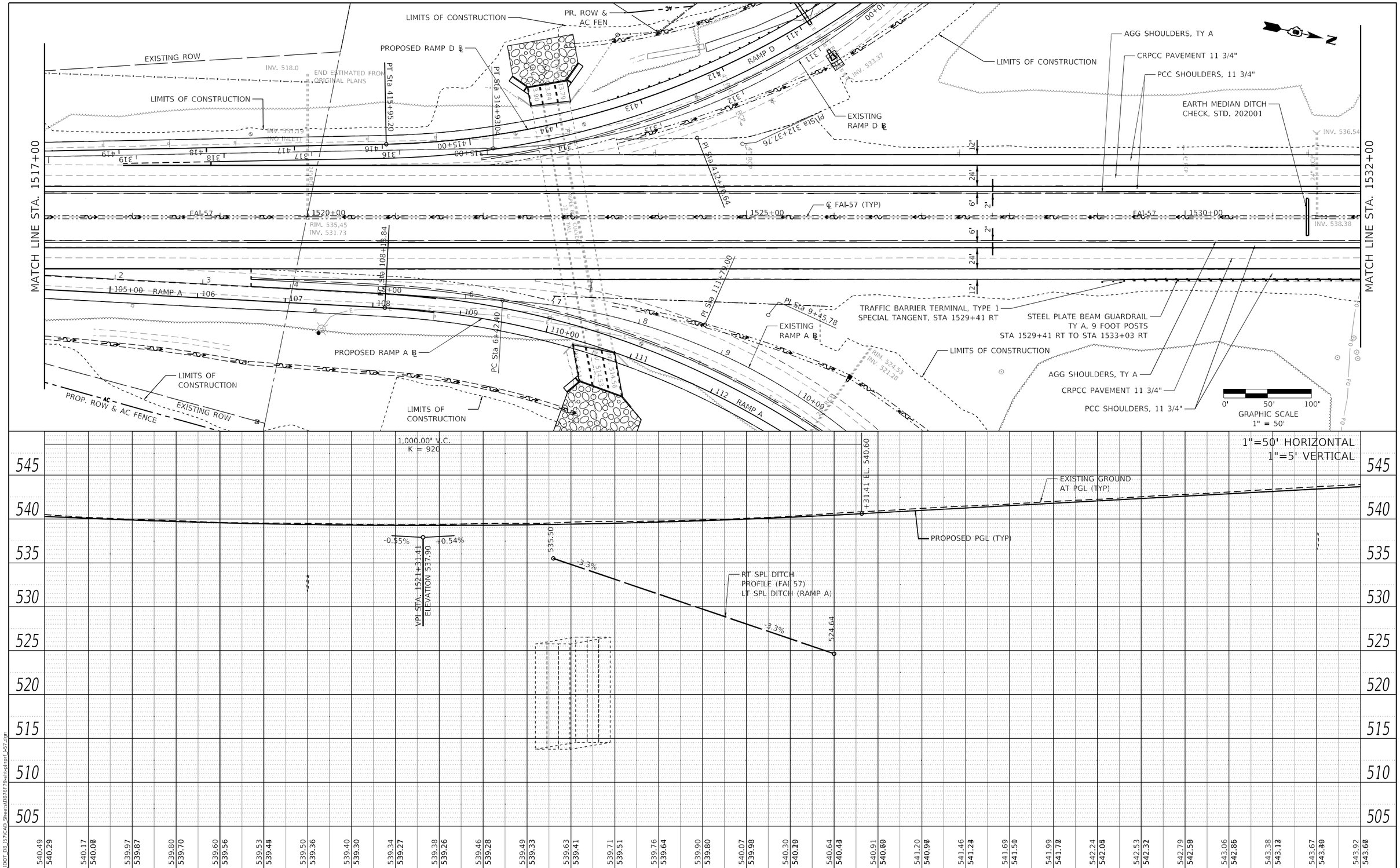
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
FAI–57

SCALE: 1" = 50' | SHEET 10 OF 14 SHEETS | STA. 1502+00 TO STA. 1517+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	52

CONTRACT NO. 76F79
ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)



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HMG HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
Engineers • Surveyors (618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -	
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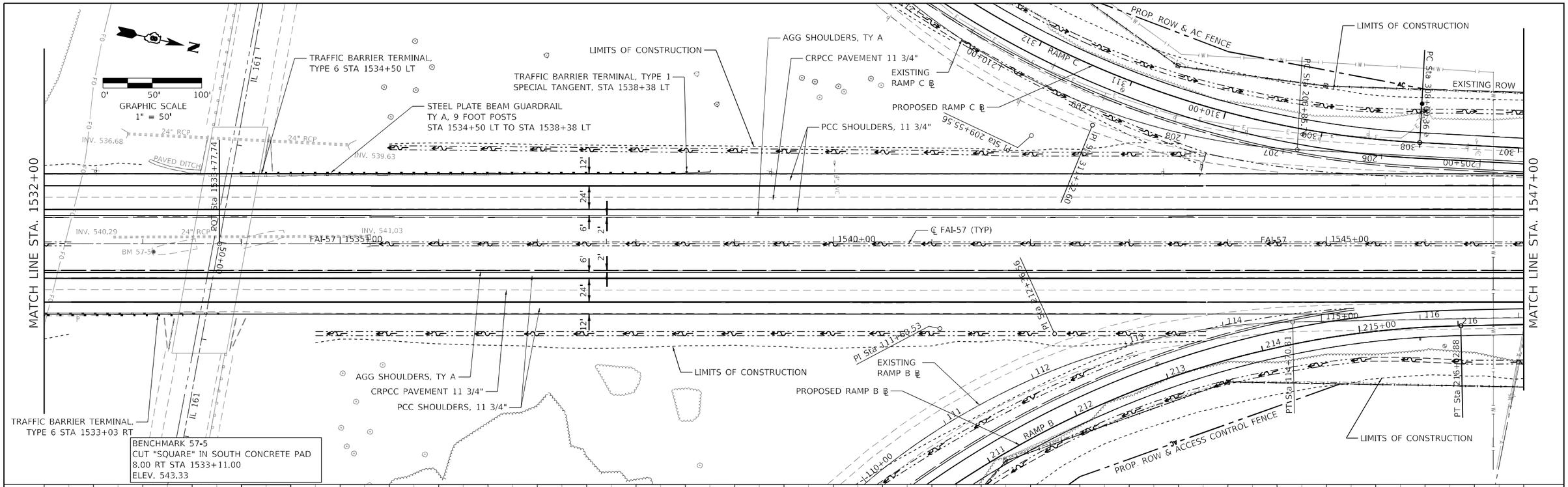
PLOT DATE = 2/16/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
FAI–57

SCALE: 1" = 50' | SHEET 11 OF 14 SHEETS | STA. 1517+00 TO STA. 1532+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	53
		CONTRACT NO. 76F79		
		ILLINOIS FED. AID PROJECT NHPP-KC90(768)		



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NOTE BOOK NO.
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GRADES CHECKED
B.M. NOTED
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NOTE BOOK NO.
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HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
FAI–57

SCALE: 1" = 50' | SHEET 12 OF 14 SHEETS | STA. 1532+00 TO STA. 1547+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	54

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)

FAI-57 STA. 1548+37.80 @ 119.2' LT
RAMP C STA. 305+58.34 @ 29.5' LT
PIPE CULVERT REMOVAL - 4 L.F.
PIPE CULVERTS, CL A, TY 1 42" @ 0.11% - 12.0 L.F.
PRECAST REINFORCED CONC. FES 42" - 1 EA.
CONCRETE HEADWALL REMOVAL - 1 EA.
CONCRETE COLLAR - 0.80 CU YD
FL ELEV. 544.37

EXISTING ROW

PROPOSED RAMP C ℄

INV. 544.38

RAMP C

MATCH LINE STA. 1547+00

EXISTING RAMP C ℄

POT Sta 200+00.00

PC Sta 301+04.89

PT Sta 302+62.46

PC Sta 159+55.19

LIMITS OF CONSTRUCTION

PC Sta 300+00.00

AGG SHOULDERS, TY A

CRPCC PAVEMENT 11 3/4"

PCC SHOULDERS, 11 3/4"

EXISTING ROW

EXISTING ROW

℄ FAI-57 (TYP)

FAI-57

18" CMP

INV. 547.51

1550+00

1555+00

1560+00

MATCH LINE STA. 1562+00

12'
24'
6'
2'
6'
2'
24'
12'

RAMP B

PROPOSED RAMP B ℄

INV. 544.61

EXISTING ROW

PC Sta 219+55.19

POT Sta 123+33.40

PT Sta 224+54.11

PT Sta 227+52.88

EXISTING ROW

EXISTING ROW

AGG SHOULDERS, TY A

CRPCC PAVEMENT 11 3/4"

PCC SHOULDERS, 11 3/4"

EARTH MEDIAN DITCH
CHECK, STD. 202001

FAI-57 STA. 1548+38.14 @ 106.9' RT
RAMP B STA. 218+04.15 @ 28.0' RT
PIPE CULVERT REMOVAL - 4 L.F.
PIPE CULVERTS, CL A, TY 1 42" @ 0.11% - 4.0 L.F.
PRECAST REINFORCED CONC. FES 42" - 1 EA.
CONCRETE HEADWALL REMOVAL - 1 EA.
CONCRETE COLLAR - 0.80 CU YD
FL ELEV. 544.61

EXISTING
RAMP B ℄

LIMITS OF CONSTRUCTION

EXIST. CURVE I57_EX_15
PI STA. = 1569+13.90
Δ = 12° 46' 55" (RT)
D = 0° 20' 00"
R = 17,188.80'
T = 1,925.30'
L = 3,834.62'

E = 107.49'
e = N.C.
P.C. STA. = 1549+88.59
P.T. STA. = 1588+23.21

GRAPHIC SCALE
0' 50' 100'
1" = 50'

1"=50' HORIZONTAL
1"=5' VERTICAL

575 570 565 560 555 550 545 540 535

EXISTING GROUND
AT PGL (TYP)

PROPOSED PGL (TYP)

+63.26 EL. 554.81

549.75

SEE RAMP C PLAN
& PROFILE SHEET

LT SPL DITCH
PROFILE

+0.54%
-0.33%
+0.50%
-0.30%

VPI STA. 1560+63.26
ELEVATION 559.13

+63.75
EL. 559.07

1,600.00' V.C.
K = 1831

552.20 551.78
552.53 552.03
552.86 552.30
553.16 552.58
553.41 552.88
553.58 553.12
553.82 553.39
554.09 553.66
554.34 553.93
554.59 554.20
554.85 554.48
555.15 554.73
555.36 555.00
555.63 555.26
555.88 555.50
556.09 555.72
556.28 555.93
556.49 556.13
556.69 556.32
556.87 556.49
557.04 556.65
557.18 556.79
557.27 556.92
557.36 557.04
557.46 557.14
557.56 557.23
557.64 557.30
557.68 557.37
557.80 557.42
557.84 557.45
557.82 557.47

1547+00 1548+00 1549+00 1550+00 1551+00 1552+00 1553+00 1554+00 1555+00 1556+00 1557+00 1558+00 1559+00 1560+00 1561+00 1562+00

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NOTE BOOK NO.		

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HMG ENGINEERS, INC.
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PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

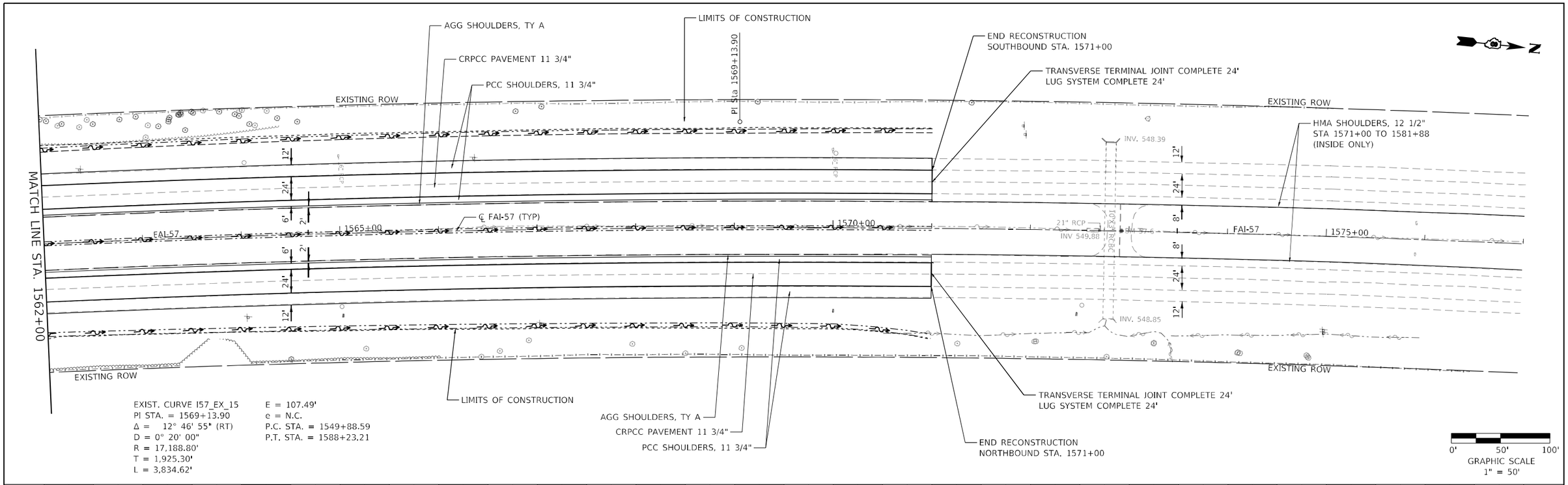
PLAN & PROFILE
FAI–57

SCALE: 1" = 50' | SHEET 13 OF 14 SHEETS | STA. 1547+00 TO STA. 1562+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	55

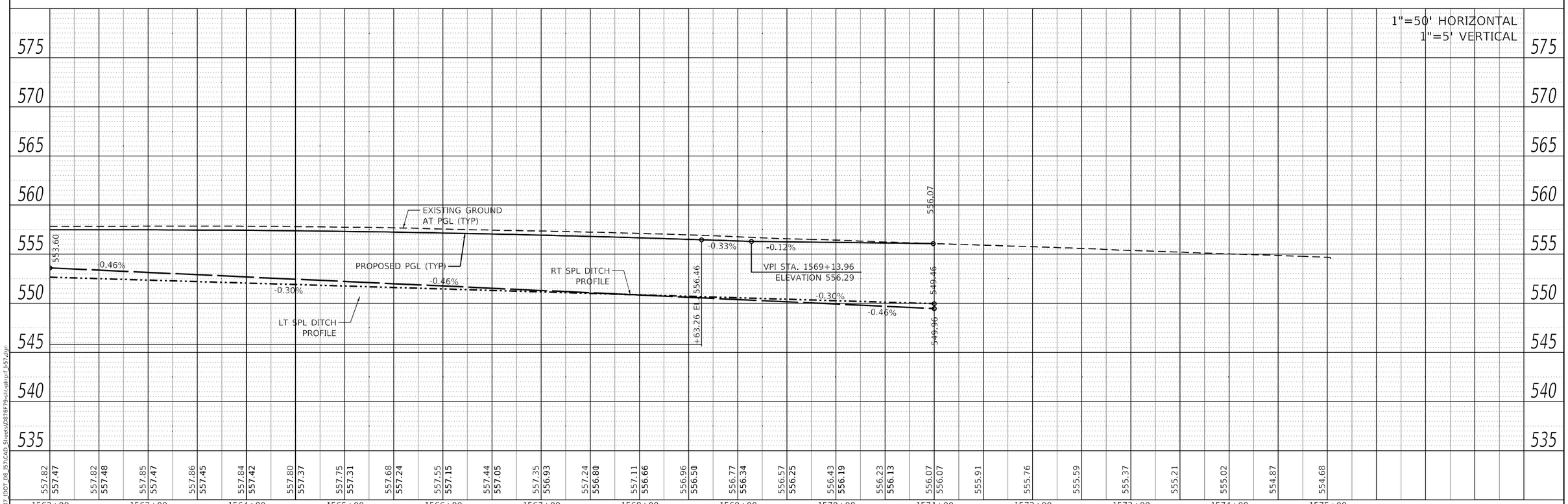
CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)



EXIST. CURVE I57_EX_15
PI STA. = 1569+13.90
Δ = 12° 46' 55" (RT)
D = 0° 20' 00"
R = 17,188.80'
T = 1,925.30'
L = 3,834.62'

E = 107.49'
e = N.C.
P.C. STA. = 1549+88.59
P.T. STA. = 1588+23.21



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GRADES CHECKED
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HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
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PLOT DATE = 2/16/2022	DATE -	REVISED -

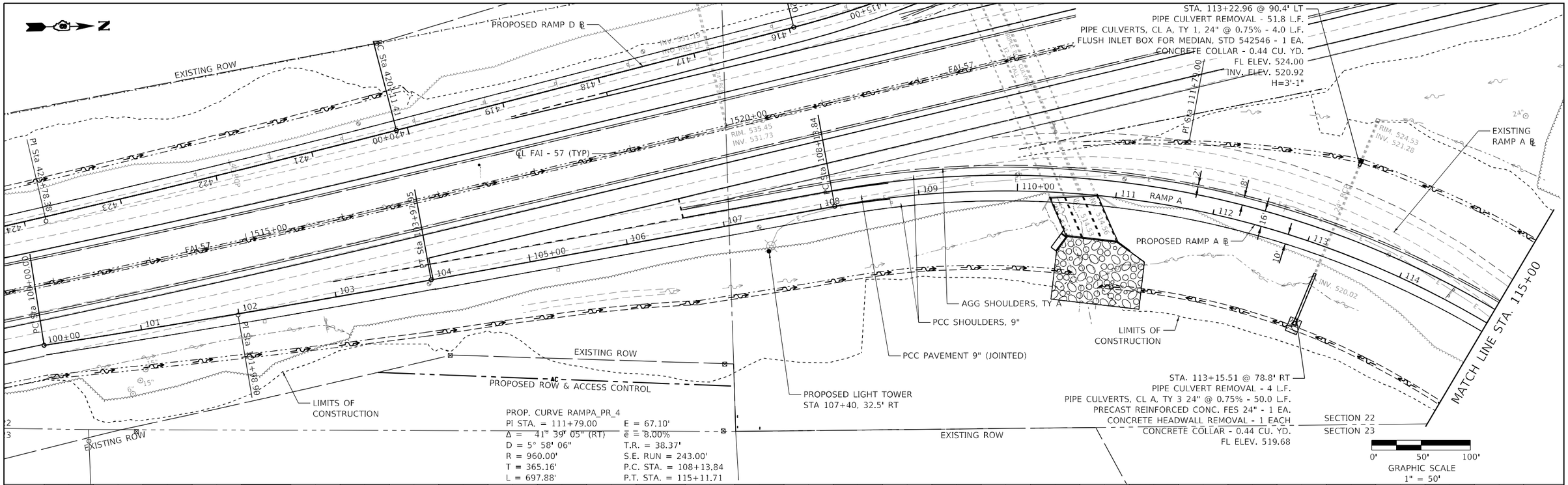
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
FAI–57

SCALE: 1" = 50' | SHEET 14 OF 14 SHEETS | STA. 1562+00 TO STA. 1571+00

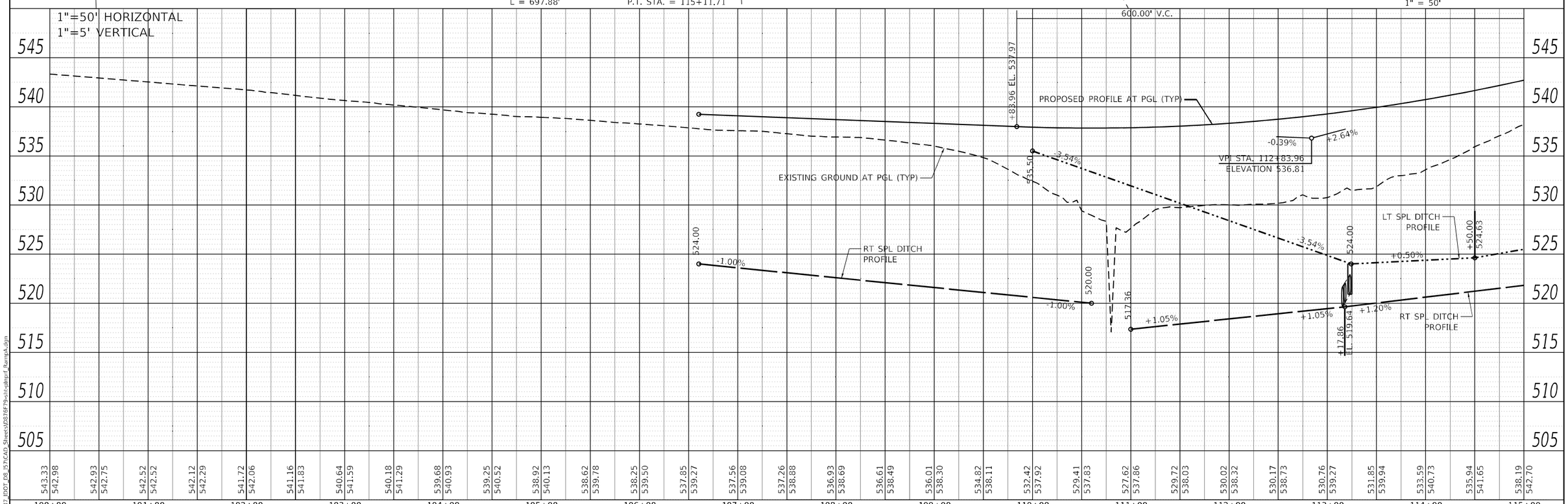
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	56

CONTRACT NO. 76F79
ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)



PROP. CURVE RAMPA_PR_4

PI STA. = 111+79.00	E = 67.10'
Δ = 41° 39' 05" (RT)	e = 8.00%
D = 5° 58' 06"	T.R. = 38.37'
R = 960.00'	S.E. RUN = 243.00'
T = 365.16'	P.C. STA. = 108+13.84
L = 697.88'	P.T. STA. = 115+11.71



HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
RAMP A

SCALE: 1" = 50' | SHEET 1 OF 2 SHEETS | STA. 100+00 TO STA. 115+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	57

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / R/ OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

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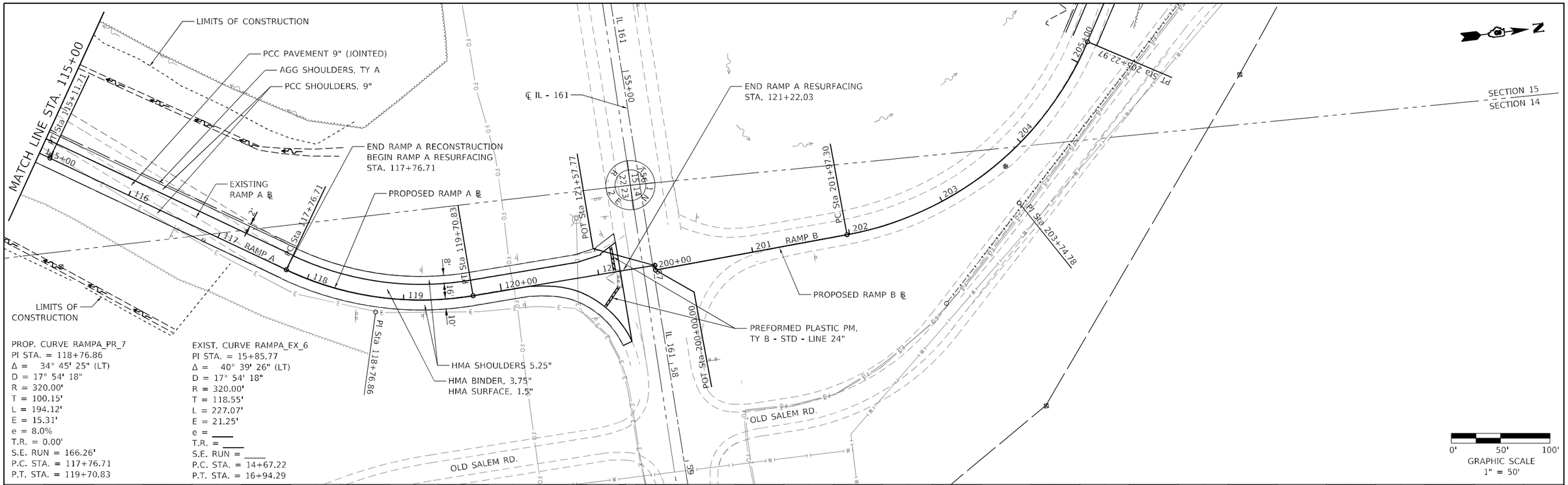

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SURVEYED
PLOTTED
ALIGNMENT CHECKED
R/ OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

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HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

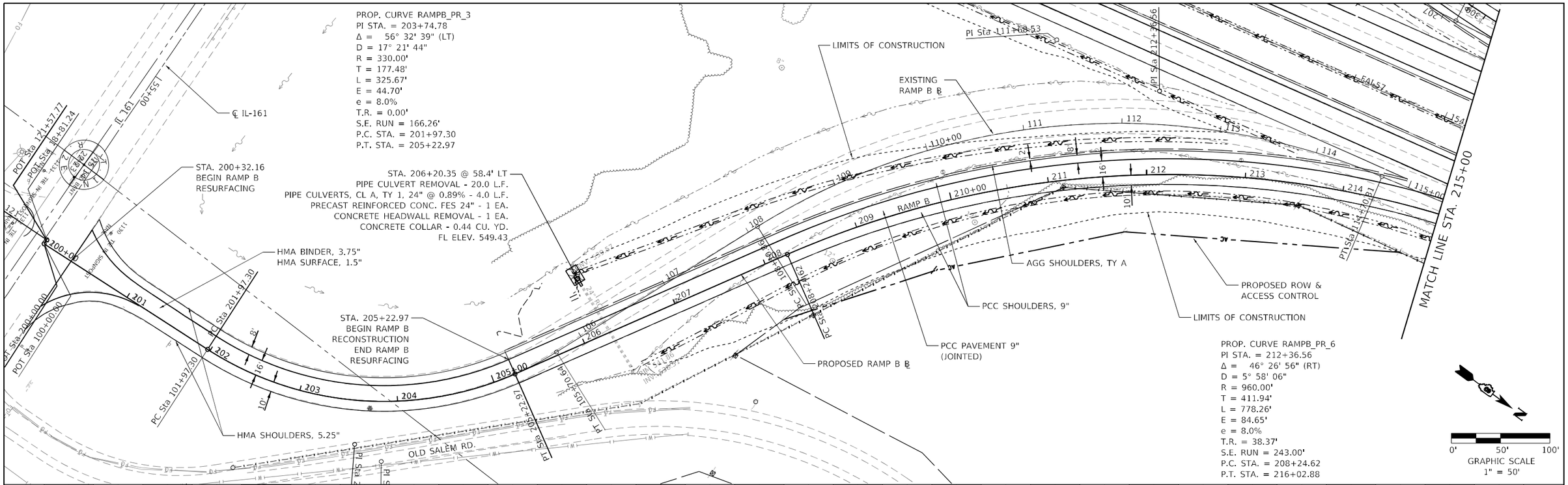
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
RAMP A

SCALE: 1" = 50' | SHEET 2 OF 2 SHEETS | STA. 115+00 TO STA. 121+22

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	58
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	

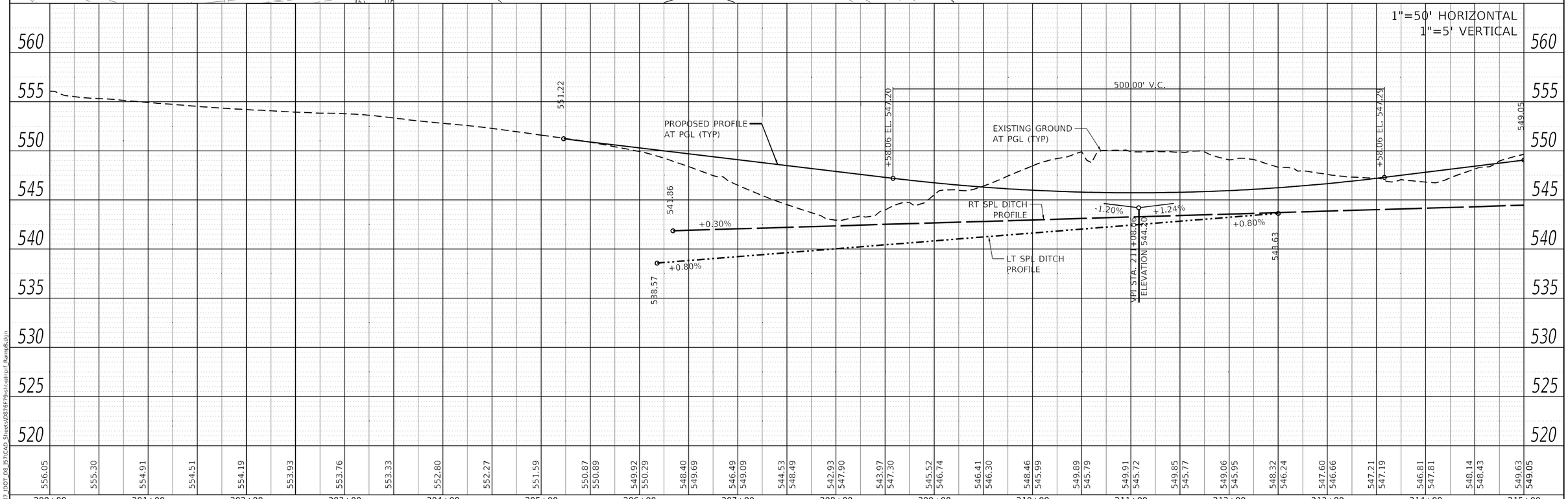
PROP. CURVE RAMPB_PR_3
PI STA. = 203+74.78
Δ = 56° 32' 39" (LT)
D = 17° 21' 44"
R = 330.00'
T = 177.48'
L = 325.67'
E = 44.70'
e = 8.0%
T.R. = 0.00'
S.E. RUN = 166.26'
P.C. STA. = 201+97.30
P.T. STA. = 205+22.97



PROP. CURVE RAMPB_PR_6
PI STA. = 212+36.56
Δ = 46° 26' 56" (RT)
D = 5° 58' 06"
R = 960.00'
T = 411.94'
L = 778.26'
E = 84.65'
e = 8.0%
T.R. = 38.37'
S.E. RUN = 243.00'
P.C. STA. = 208+24.62
P.T. STA. = 216+02.88

0' 50' 100'
GRAPHIC SCALE
1" = 50'

1"=50' HORIZONTAL
1"=5' VERTICAL



PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATIONS CHKD		
NOTE BOOK NO.		

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9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

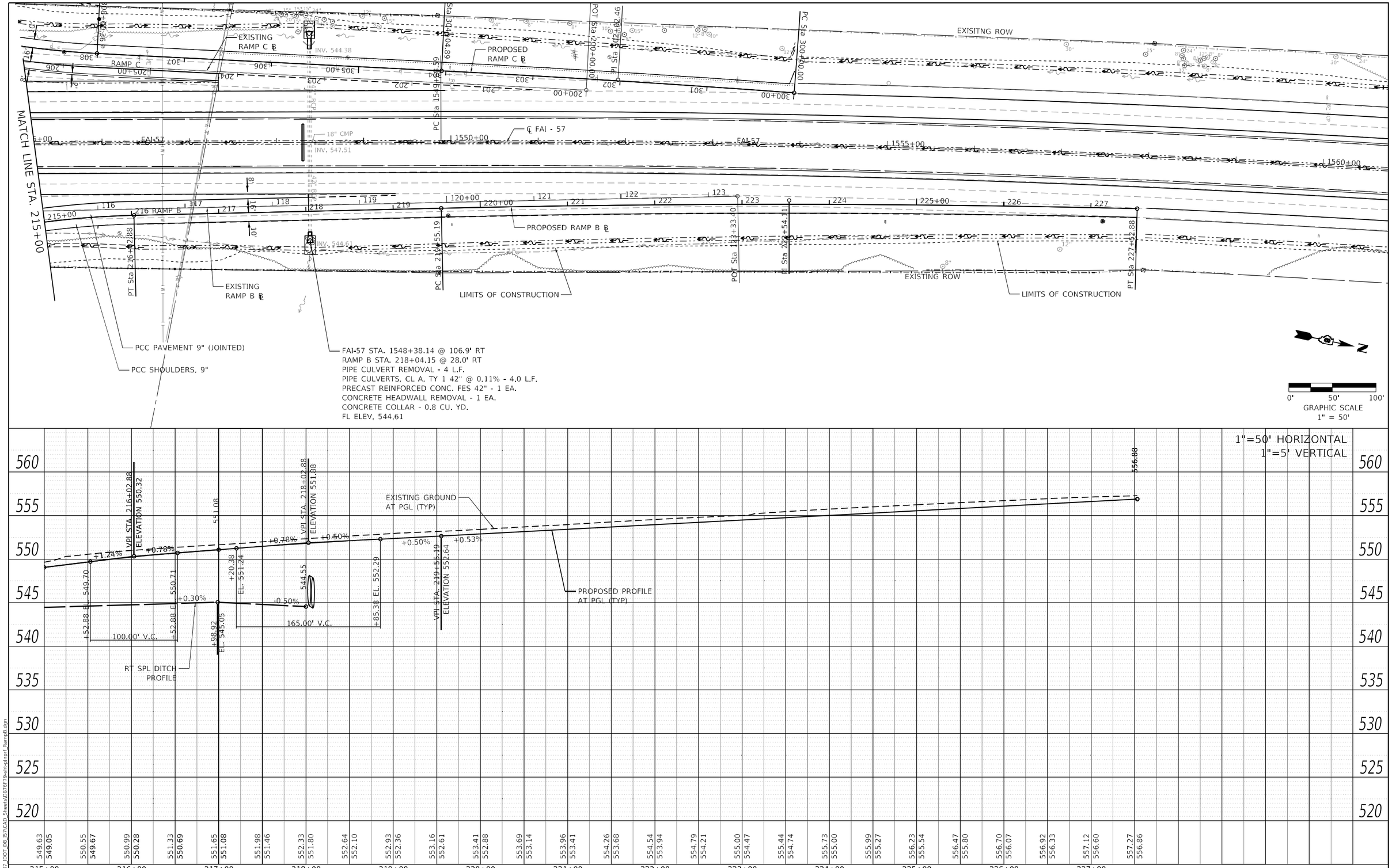
PLAN & PROFILE
RAMP B

SCALE: 1" = 50' | SHEET 1 OF 2 SHEETS | STA. 200+32 TO STA. 215+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	59

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)



PLAN	SURVEYED	PLOTTED	ALIGNMENT CHECKED	R/W CHECKED	CADD FILE NAME	NOTE BOOK NO.	BY	DATE

PROFILE	SURVEYED	PLOTTED	GRADES CHECKED	BRIDGE NOTED	STRUCTURE NOTATIONS CHKD	NOTE BOOK NO.	BY	DATE

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HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

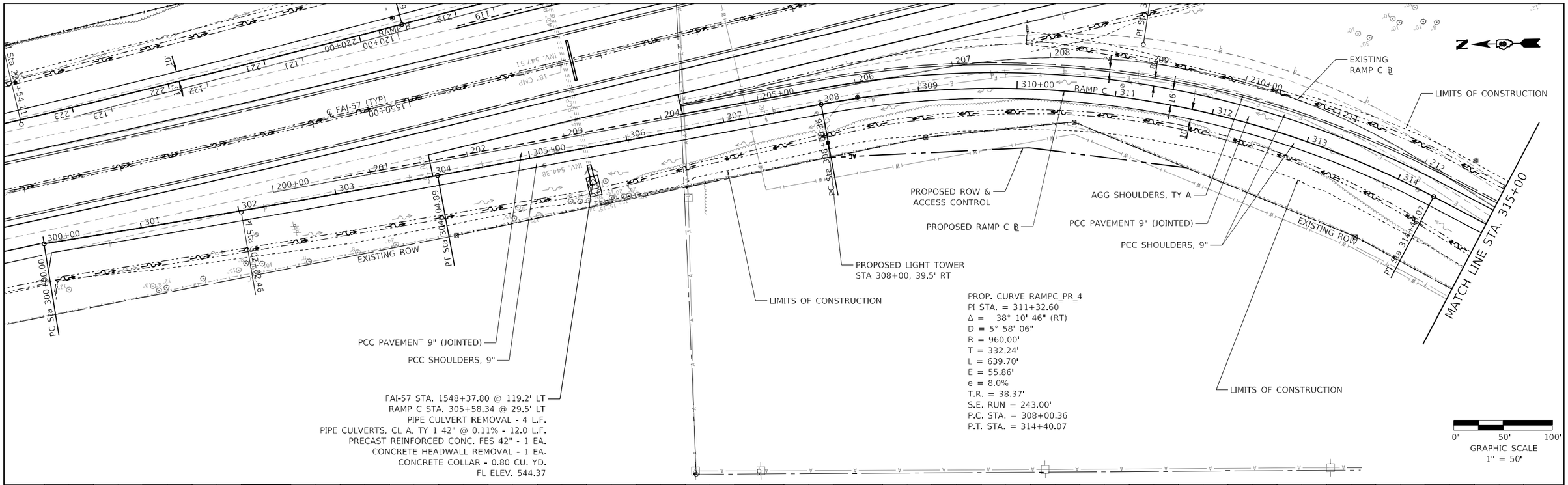
PLAN & PROFILE
RAMP B

SCALE: 1" = 50' | SHEET 2 OF 2 SHEETS | STA. 215+00 TO STA. 227+52

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	60

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)



PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R/ OR WAY CHECKED
CADD FILE NAME
NOTE BOOK NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK NO.
BY
DATE

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HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

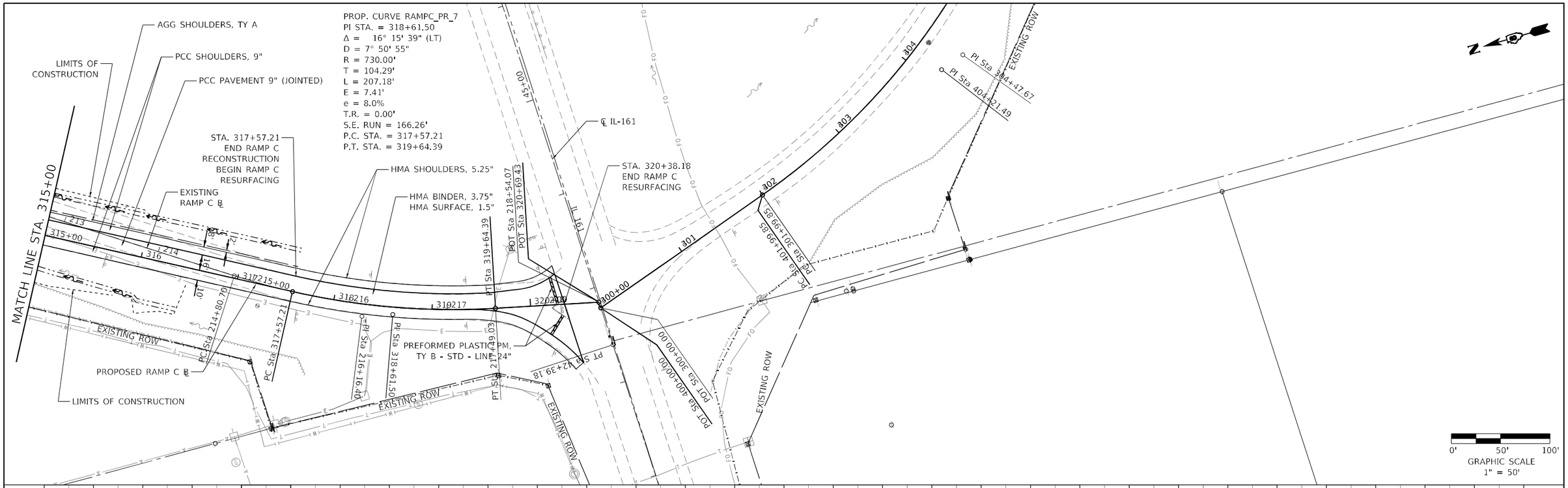
PLAN & PROFILE
RAMP C

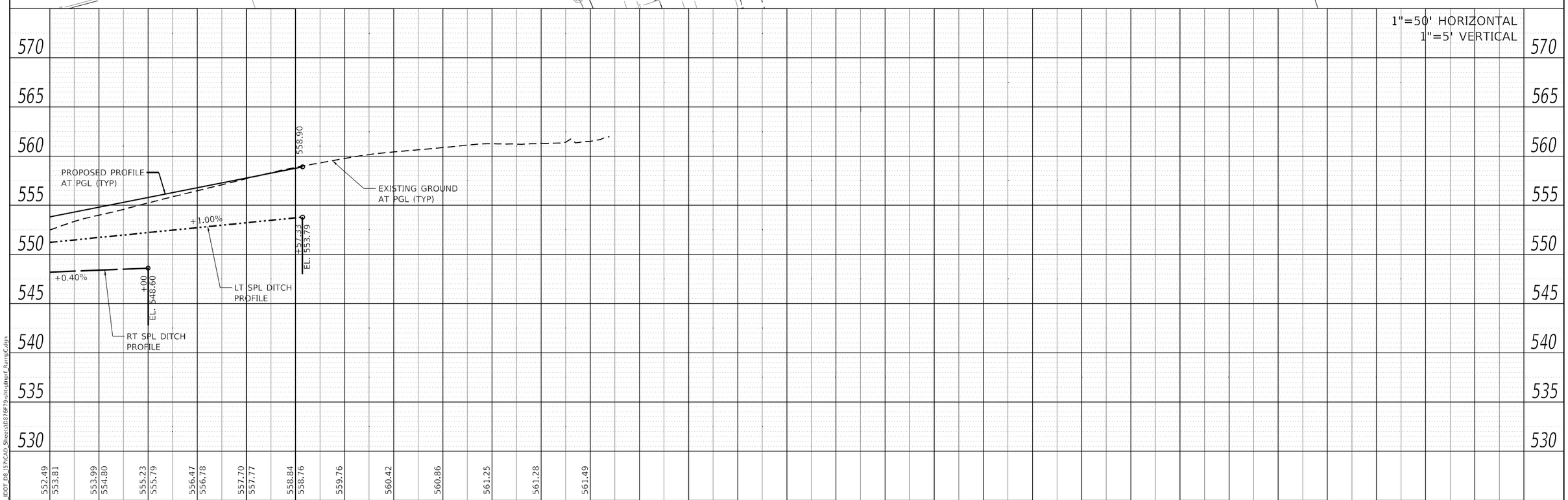
SCALE: 1" = 50' | SHEET 1 OF 2 SHEETS | STA. 300+00 TO STA. 315+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	61

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)





PLAN			
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
	R/ OF WAY CHECKED		
	CADD FILE NAME		
BY			DATE

PROFILE			
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	BM. NOTED		
	STRUCTURE NOTATIONS CHKD		
BY			DATE

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HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

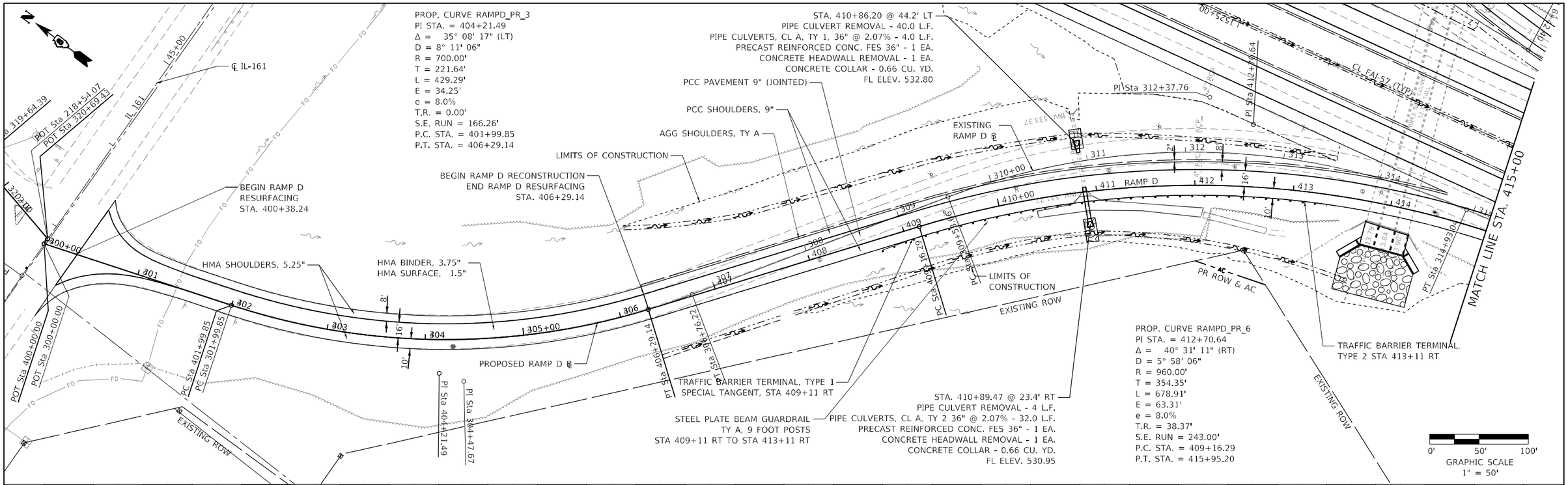
USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
RAMP C

SCALE: 1" = 50' | SHEET 2 OF 2 SHEETS | STA. 315+00 TO STA. 320+38

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	62
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	



USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE RAMP D	
	DRAWN -	REVISED -			
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -			
PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 400+38 TO STA. 415+00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	63
		CONTRACT NO. 76F79		
		ILLINOIS FED. AID PROJECT NHPP-KC9D(768)		

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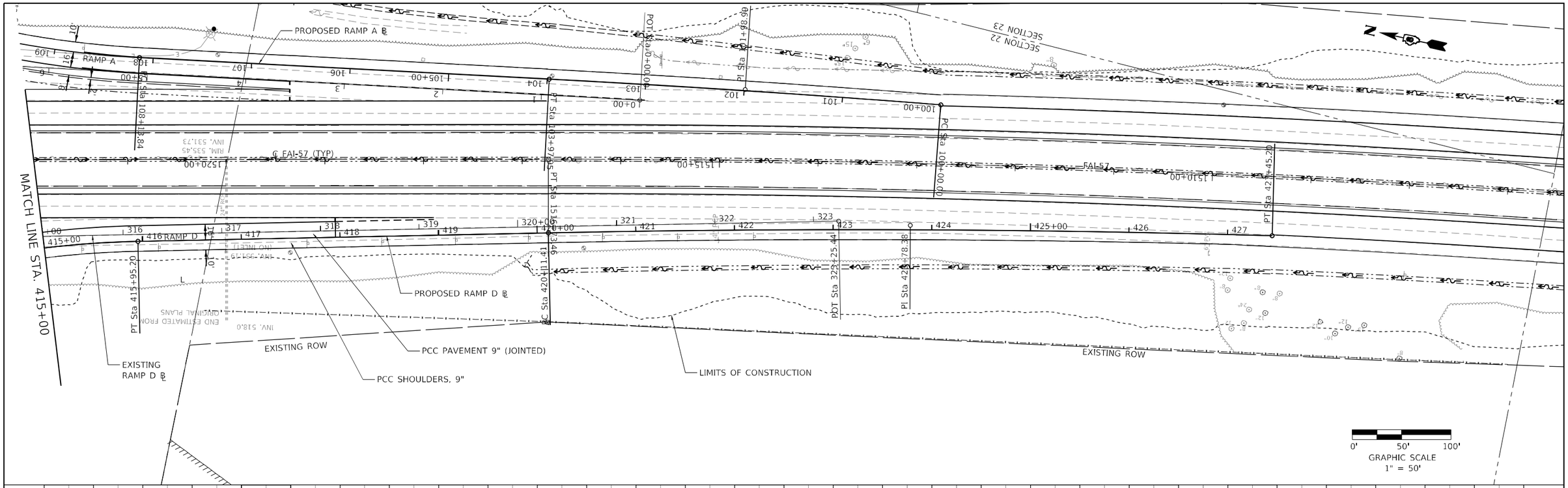

PLAN	SURVEYED	PLOTTED	ALIGNMENT CHECKED	R.O.W. CHECKED	CADD FILE NAME	NOTE BOOK NO.	BY	DATE

PROFILE	SURVEYED	PLOTTED	GRADES CHECKED	B.M. NOTED	STRUCTURE NOTATIONS CHKD	NOTE BOOK NO.	BY	DATE

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USER NAME = mobrien	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 2/16/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

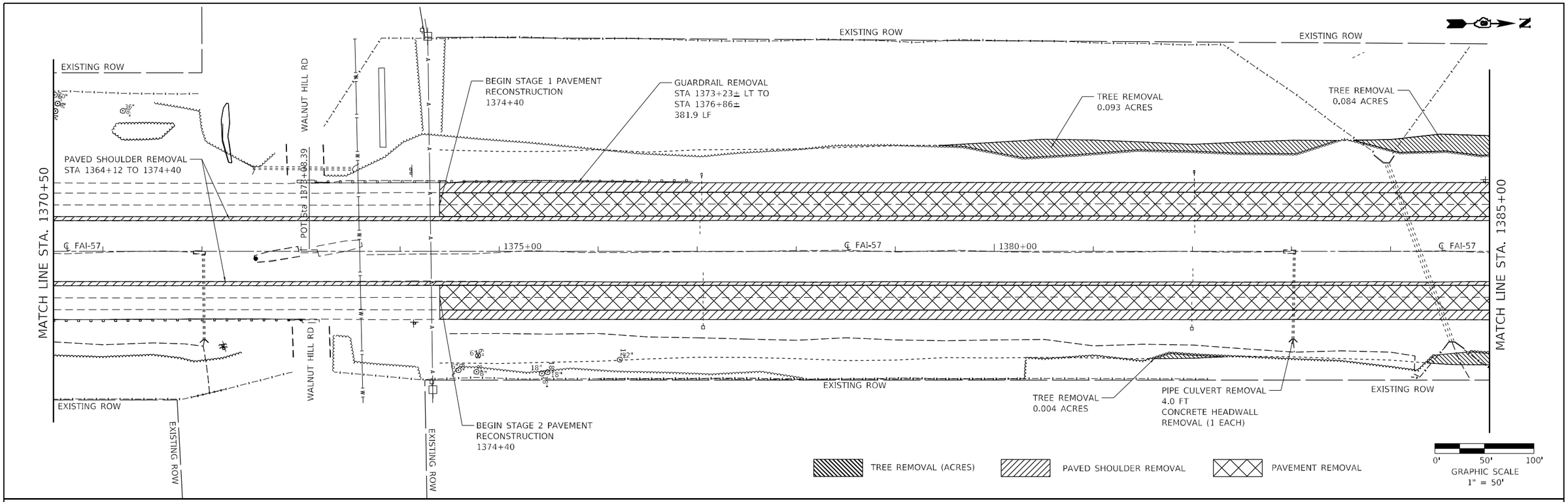
PLAN & PROFILE
RAMP D

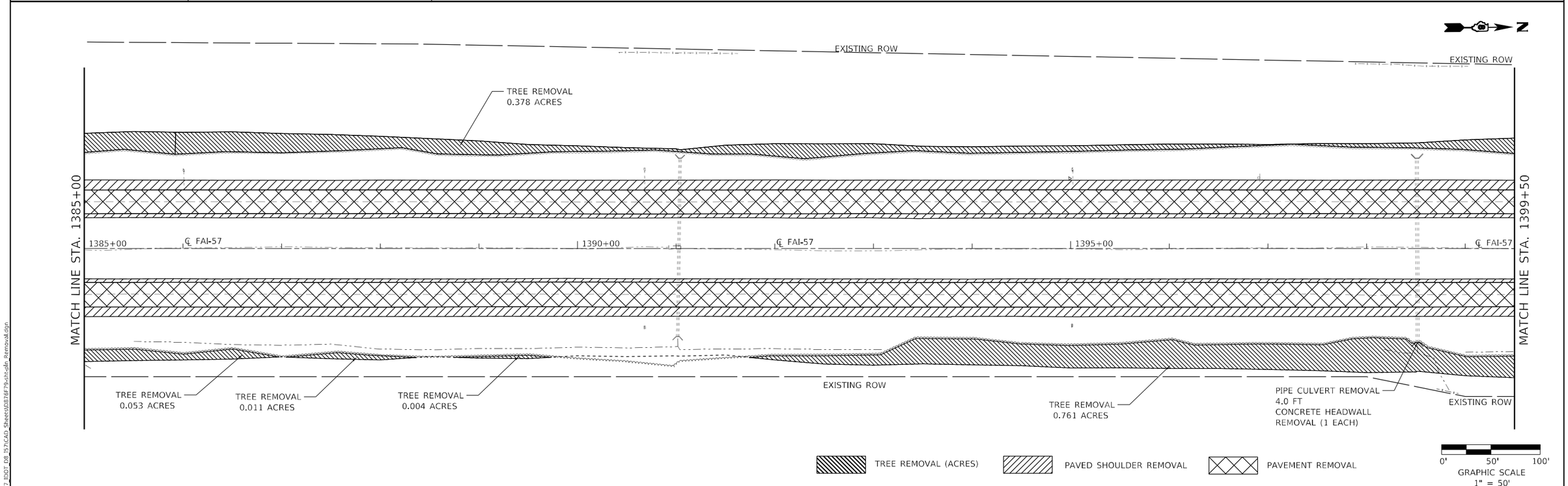
SCALE: 1" = 50' | SHEET 2 OF 2 SHEETS | STA. 415+00 TO STA. 427+45

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	64

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)





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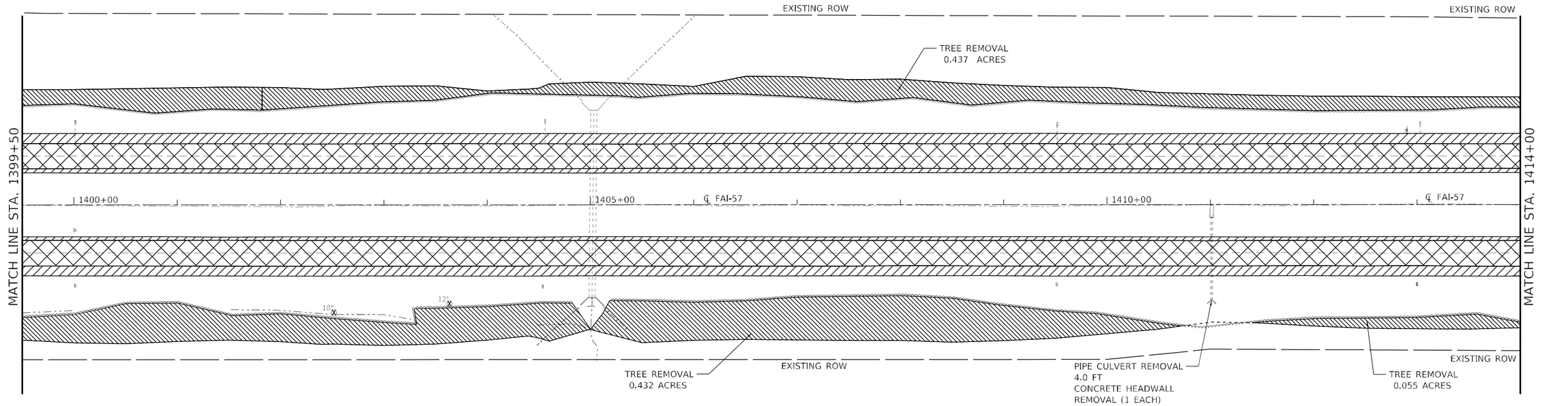
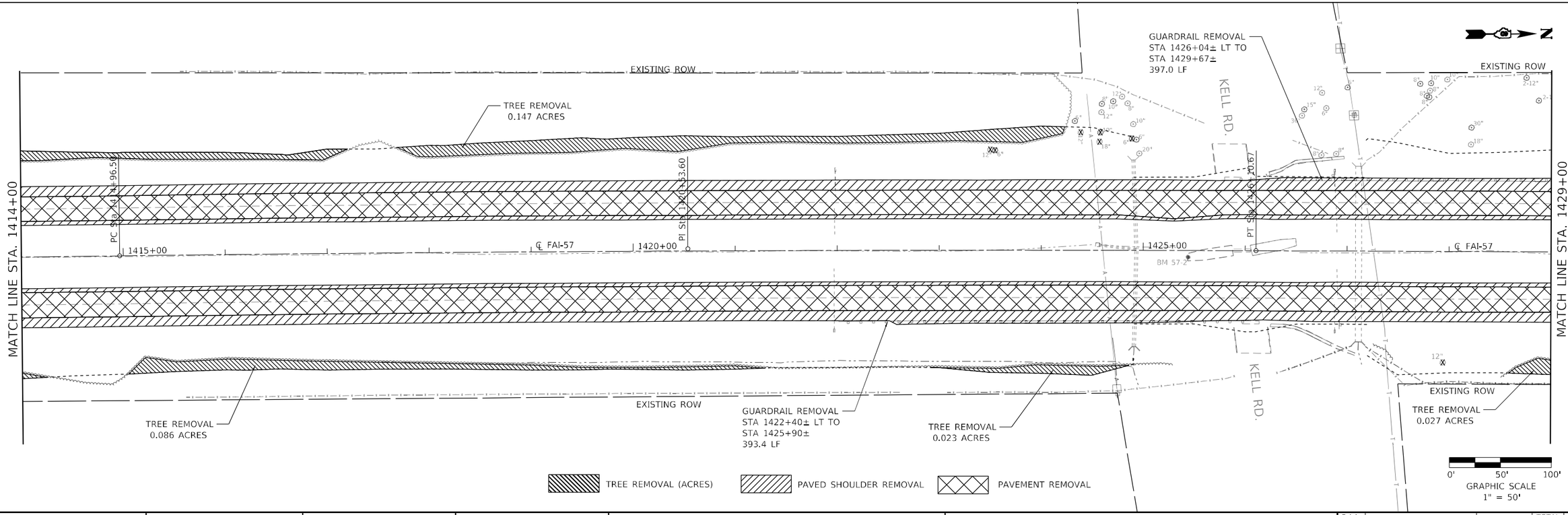
HMG Engineers • Surveyors HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL ITEMS FAI–57
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1"=50' SHEET 1 OF 11 SHEETS STA. 1370+50 TO STA. 1399+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	65
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT NHPP-KC9D(768)		





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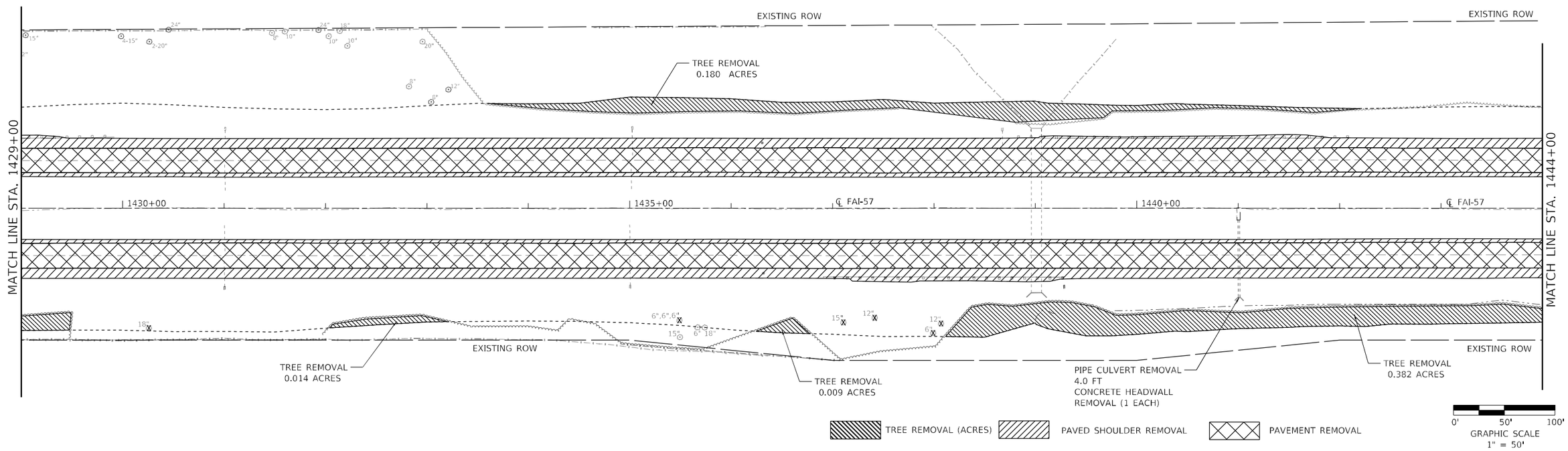
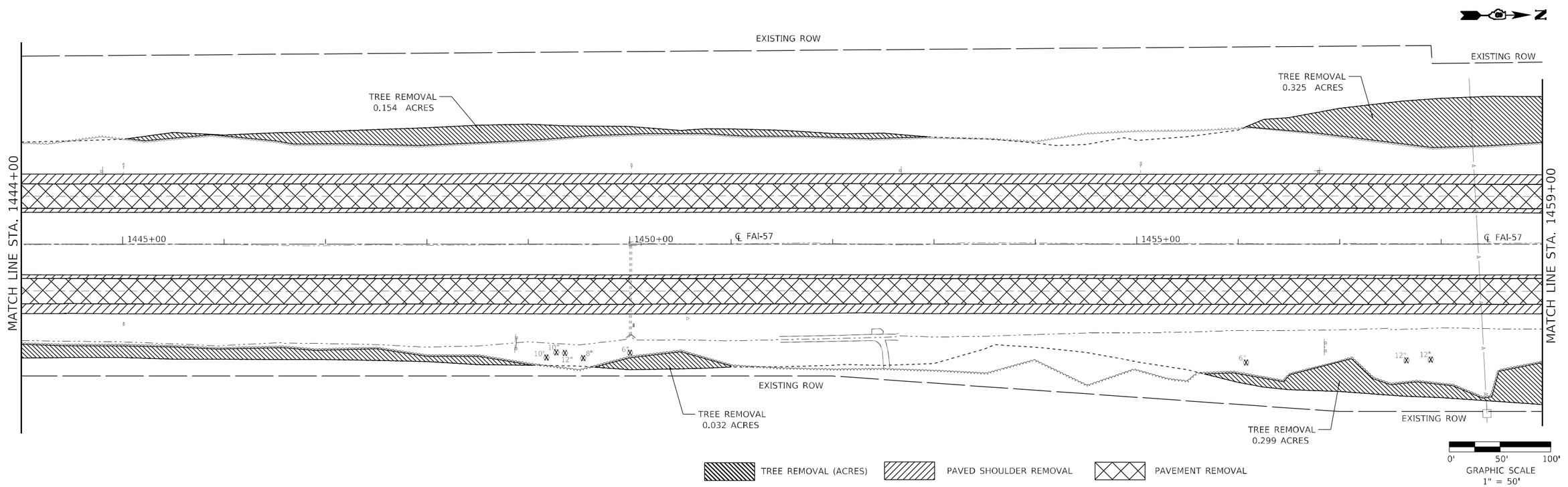
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN -	REVISED -	
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
	PLOT DATE = 2/16/2022	DATE -	REVISED -	

REMOVAL ITEMS
FAI–57

SCALE: 1"=50' | SHEET 2 OF 11 SHEETS | STA. 1399+50 TO STA. 1429+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	66
		CONTRACT NO. 76F79		
		ILLINOIS FED. AID PROJECT NHPP-KC09(768)		





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HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL ITEMS FAI–57	F.A.I. RTE. 57	SECTION 61-(1,1-1,1-2,2)RS-1	COUNTY MARION / TOTAL SHEETS 484 / SHEET NO. 67
		DRAWN -	REVISED -					CONTRACT NO. 76F79
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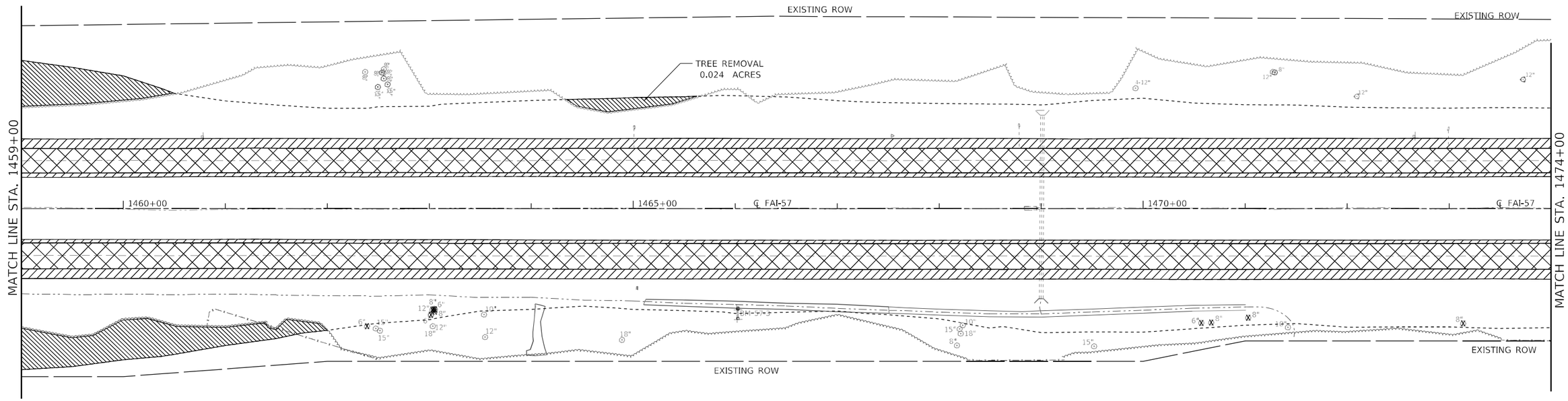
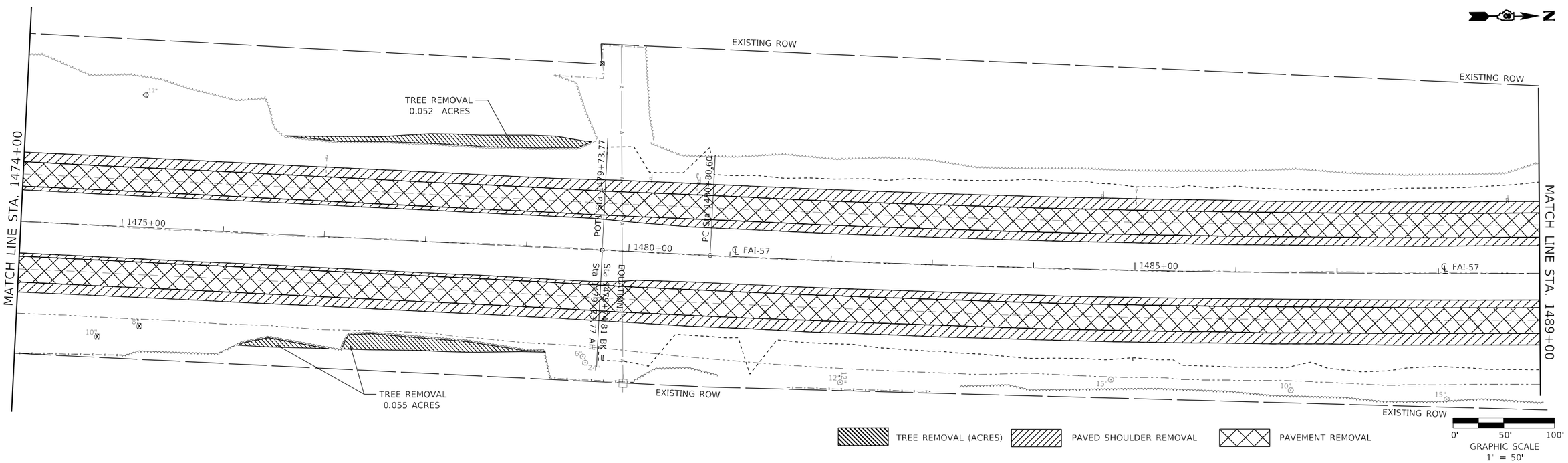
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1"=50' / SHEET 3 OF 11 SHEETS / STA. 1429+00 TO STA. 1459+00		ILLINOIS	FED. AID PROJECT NHPP-KC9D(768)





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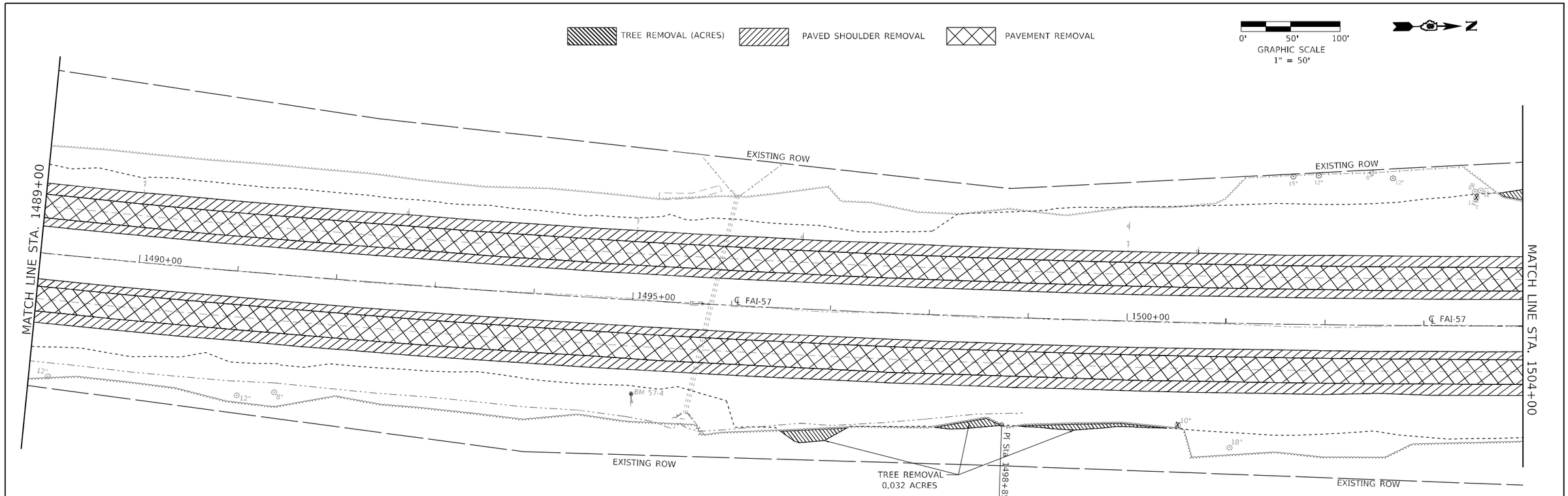
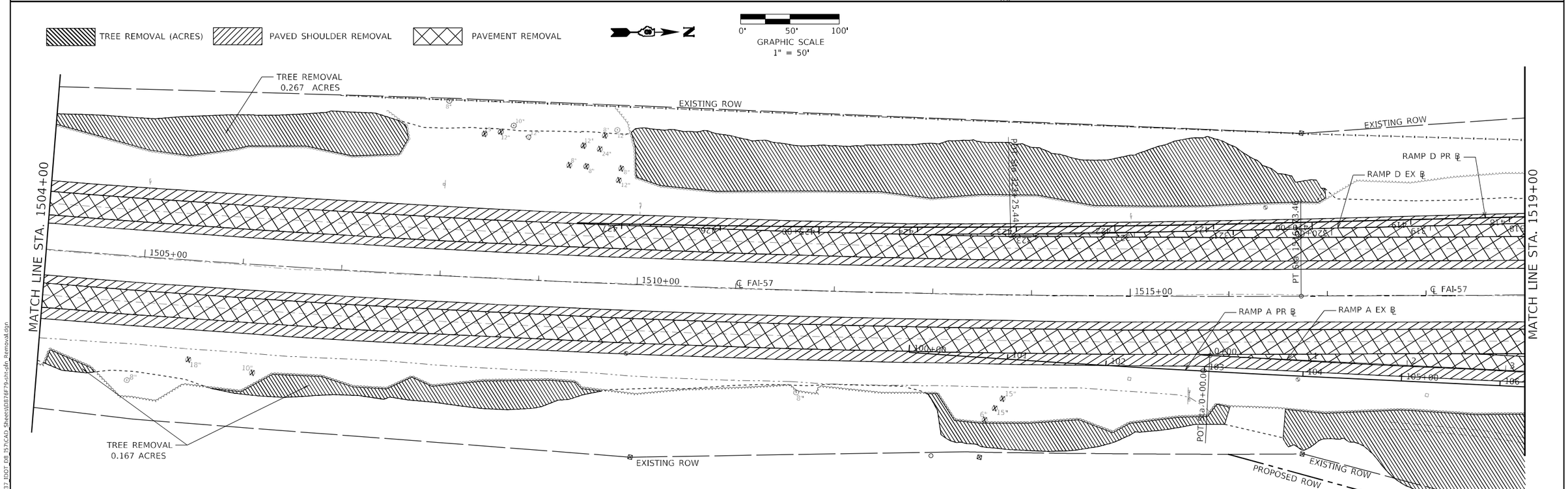
HMG Engineers • Surveyors	HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL ITEMS FAI–57	F.A.I. RTE.	SECTION	COUNTY / TOTAL SHEETS / SHEET NO.
			DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION / 484 / 68
		PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		SCALE: 1"=50' / SHEET 4 OF 11 SHEETS / STA. 1459+00 TO STA. 1489+00			CONTRACT NO. 76F79
		PLOT DATE = 2/16/2022	DATE -	REVISED -				ILLINOIS	FED. AID PROJECT NHPP-KC90(768)





HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL ITEMS FAI–57	F.A.I. RTE. 57	SECTION 61-(1,1-1,1-2,2)RS-1
		DRAWN -	REVISED -			COUNTY MARION	TOTAL SHEETS 484 / SHEET NO. 69
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1"=50' / SHEET 5 OF 11 SHEETS / STA. 1489+00 TO STA. 1519+00	ILLINOIS FED. AID PROJECT	NHPP-KC9D(768)

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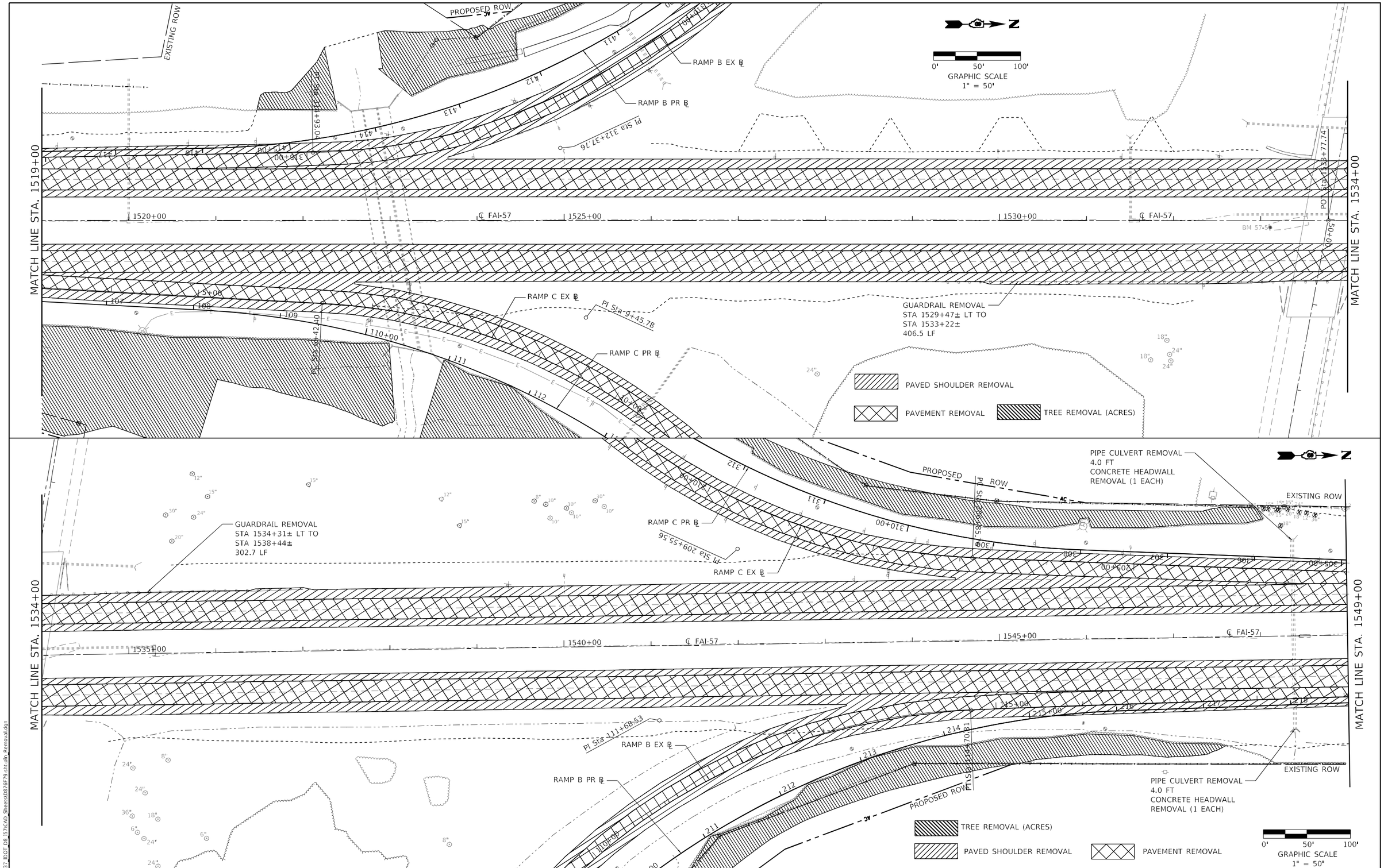

HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = mobrien	DESIGNED -	REVISED -
Engineers • Surveyors		DRAWN -	REVISED -
IL PROF. DESIGN FIRM NO. 184.000899	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS
FAI–57

SCALE: 1"=50' | SHEET 6 OF 11 SHEETS | STA. 1519+00 TO STA. 1549+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	70
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT NHPP-KC9D(768)		

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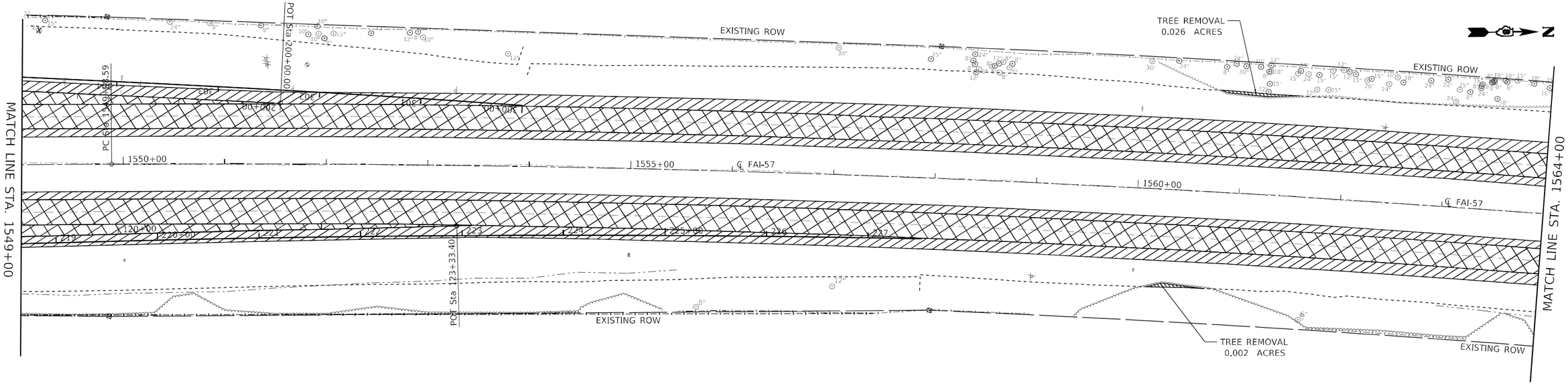

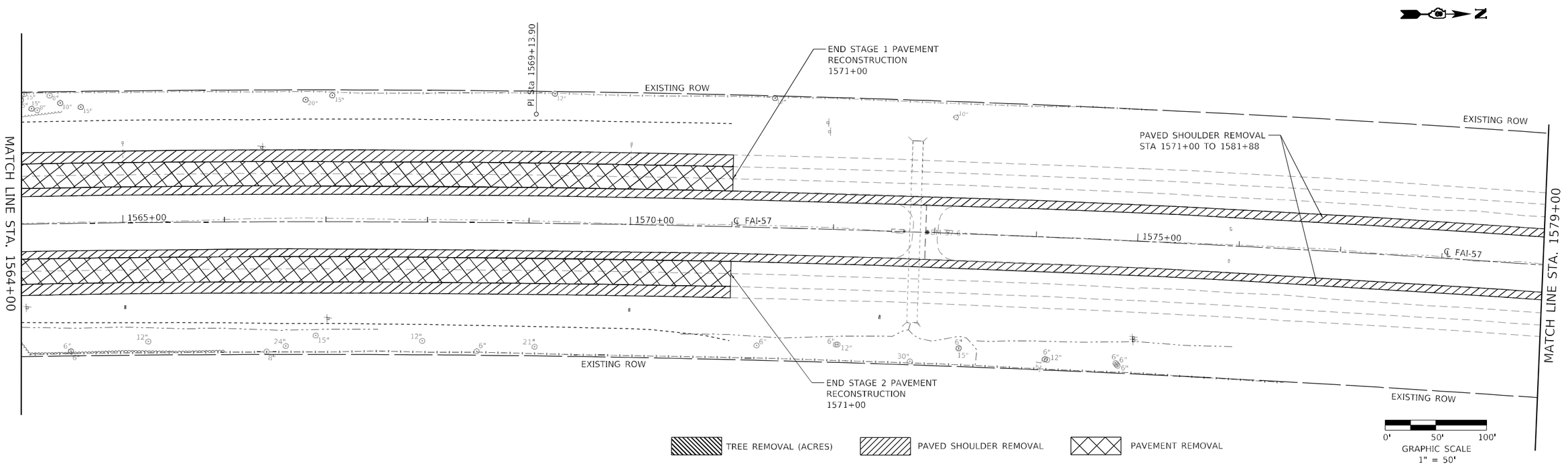

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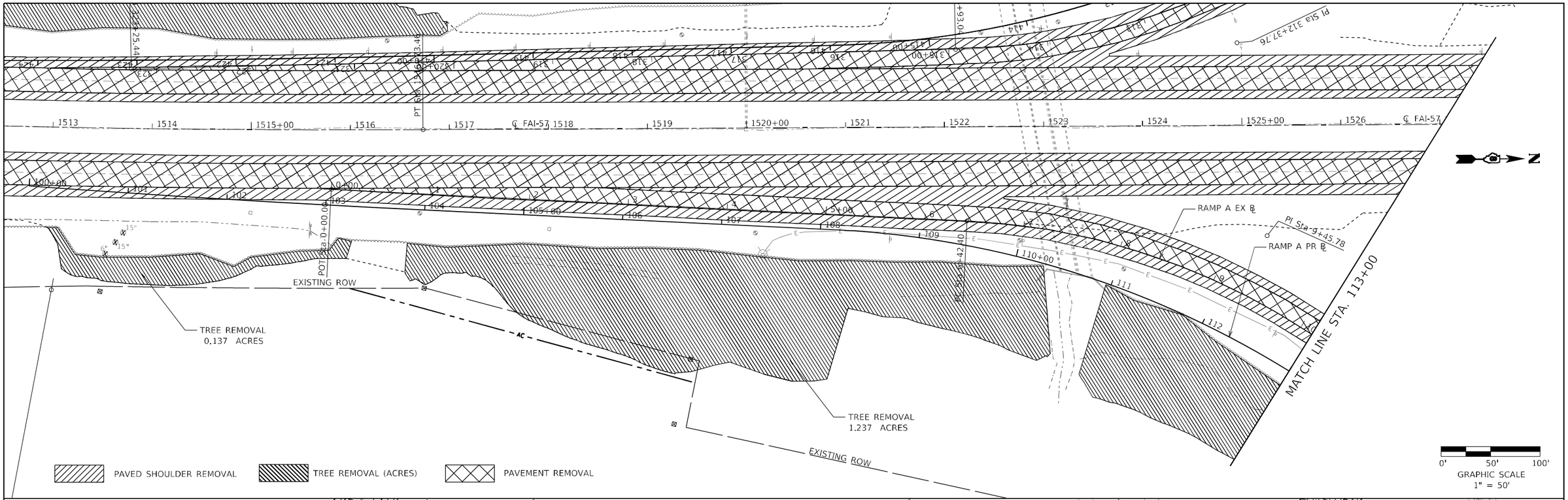
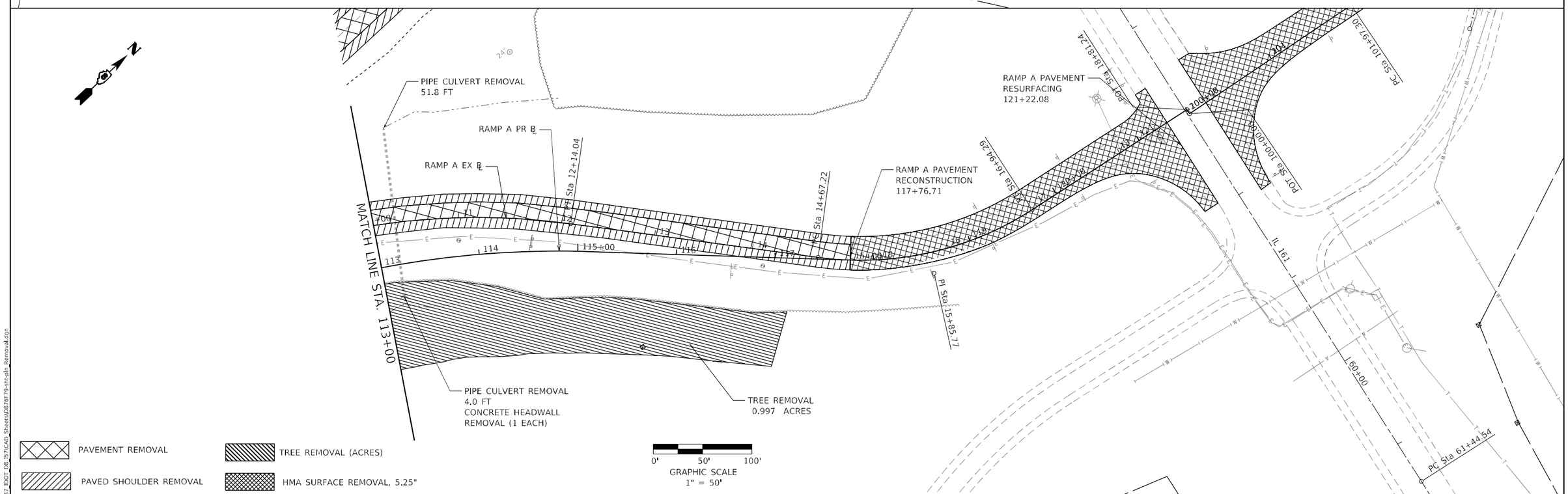
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL ITEMS FAI–57
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1"=50' SHEET 7 OF 11 SHEETS STA. 1549+00 TO STA. 1579+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	71
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC90(768)	





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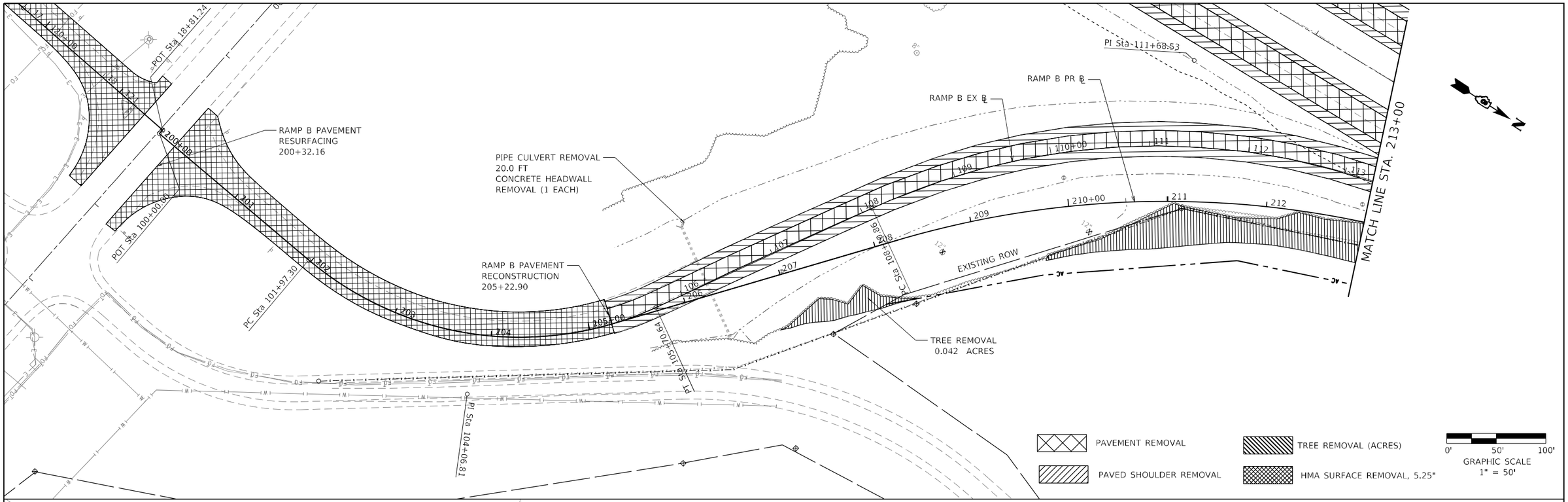
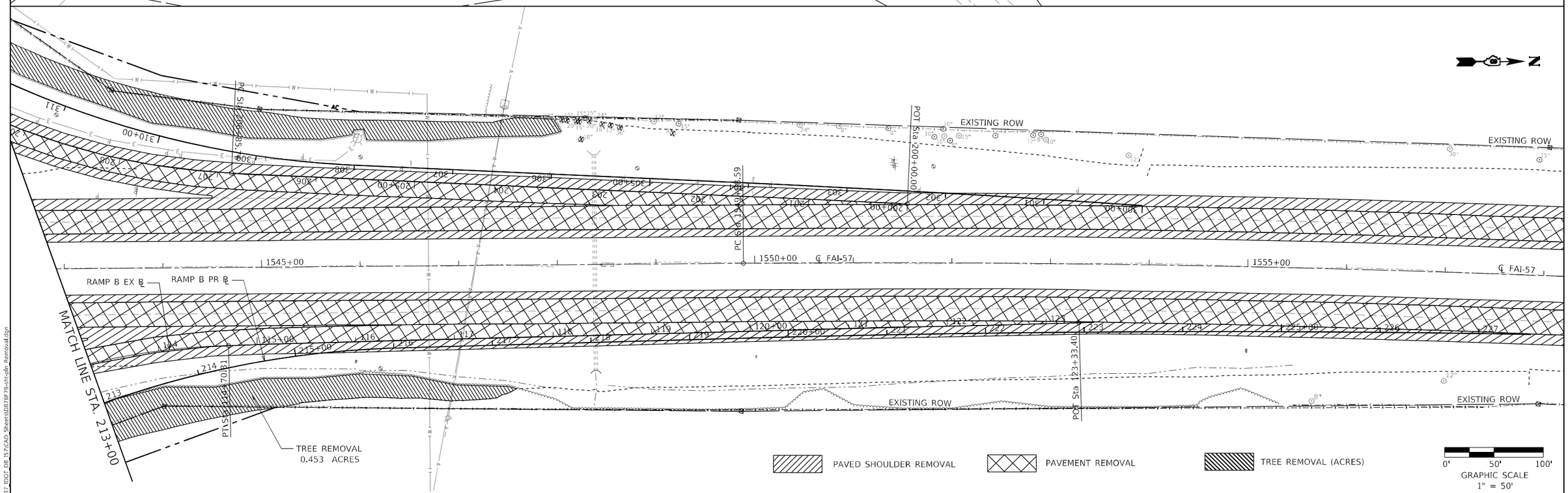
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 Engineers • Surveyors (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL ITEMS RAMP A			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -					57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 72
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1"=50'	SHEET 8 OF 11 SHEETS	STA. 100+00.00 TO STA. 121+22.08		ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)





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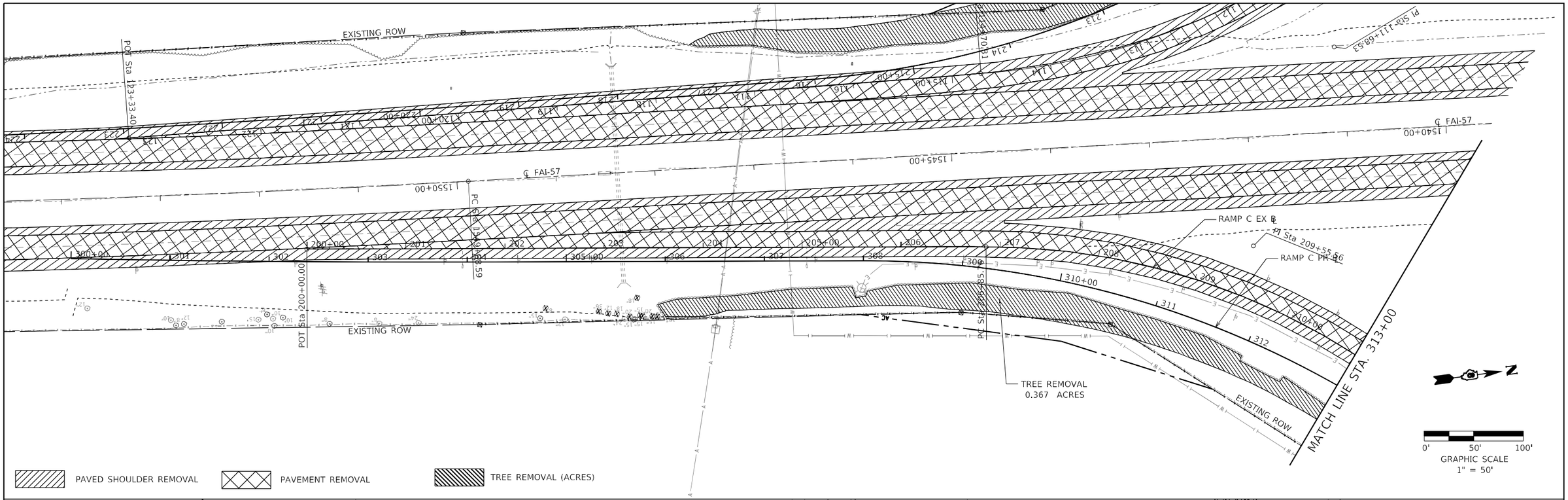
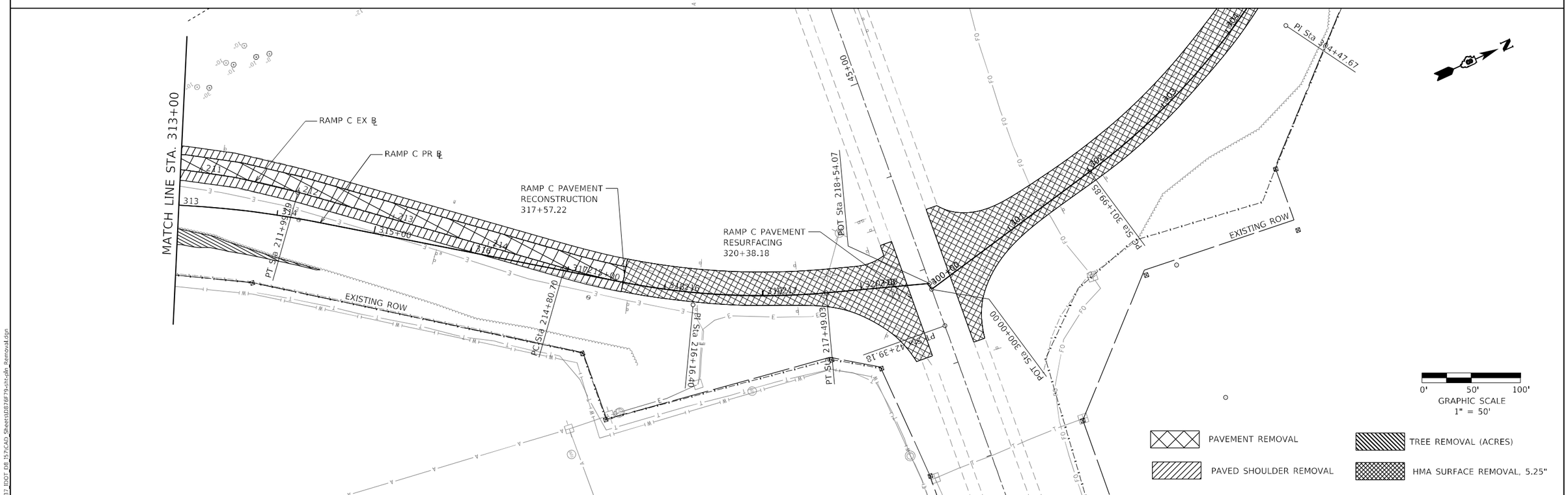
HMG Engineers • Surveyors HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**REMOVAL ITEMS** **RAMP B**
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1"=50' SHEET 9 OF 11 SHEETS STA. 200+32.16 TO STA. 227+52.88

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	73
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	





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HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL ITEMS RAMP C
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1"=50' SHEET 10 OF 11 SHEETS STA. 300+00.00 TO STA. 320+38.18

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	74
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	

RAMP D PAVEMENT
RESURFACING
400+38.24

PIPE CULVERT REMOVAL
40.0 FT
CONCRETE HEADWALL
REMOVAL (1 EACH)

PI Sta 312+37.76

RAMP D PR ℄

RAMP D EX ℄

RAMP D PAVEMENT
RECONSTRUCTION
406+29.26

POT Sta 218+54.07

PT Sta 217+49.03

POT Sta 300+00.00

PC Sta 301+99.85

PI Sta 304+47.67

PT Sta 307+79.22

PC Sta 309+53.96

EXISTING ROW

PIPE CULVERT REMOVAL
4.0 FT
CONCRETE HEADWALL
REMOVAL (1 EACH)

TREE REMOVAL
0.359 ACRES

MATCH LINE STA. 413+00

0' 50' 100'
GRAPHIC SCALE
1" = 50'

PAVEMENT REMOVAL
TREE REMOVAL (ACRES)
PAVED SHOULDER REMOVAL
HMA SURFACE REMOVAL, 5.25"

℄ FAI-57

POT Sta 310+90.04

RAMP D EX ℄

TREE REMOVAL
0.067 ACRES

RAMP D PR ℄

EXISTING ROW

POT Sta 323+25.44

TREE REMOVAL
0.809 ACRES

MATCH LINE STA. 413+00

PAVED SHOULDER REMOVAL
PAVEMENT REMOVAL
TREE REMOVAL (ACRES)

0' 50' 100'
GRAPHIC SCALE
1" = 50'

MODEL: Default
FILE NAME: K:\8137-IDOT_D8-157\CAD_Sheets\D876F79-sht-Jln Removal.dgn

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Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 2/16/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS
RAMP D

SCALE: 1"=50' | SHEET 11 OF 11 SHEETS | STA. 400+38.24 TO STA. 427+45.20

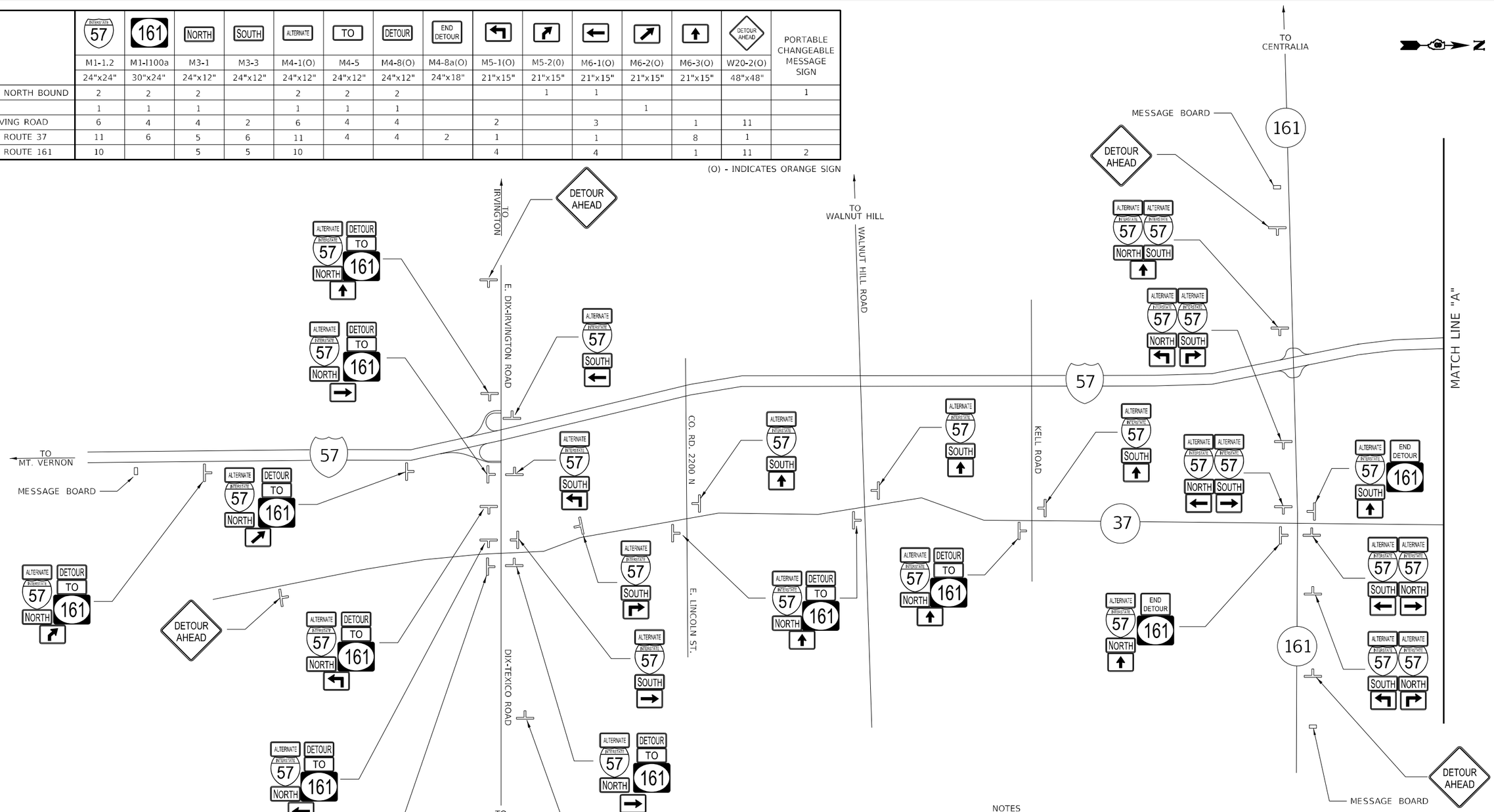
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	75

CONTRACT NO. 76F79

ILLINOIS | FED. AID PROJECT NHPP-KC9D(768)

	57	161	NORTH	SOUTH	ALTERNATE	TO	DETOUR	END DETOUR						DETOUR AHEAD	PORTABLE CHANGEABLE MESSAGE SIGN
	M1-1.2	M1-1100a	M3-1	M3-3	M4-1(O)	M4-5	M4-8(O)	M4-8a(O)	M5-1(O)	M5-2(O)	M6-1(O)	M6-2(O)	M6-3(O)	W20-2(O)	
	24"x24"	30"x24"	24"x12"	24"x12"	24"x12"	24"x12"	24"x12"	24"x18"	21"x15"	21"x15"	21"x15"	21"x15"	21"x15"	48"x48"	
FAI-57 NORTH BOUND	2	2	2		2	2	2			1	1				1
RAMP	1	1	1		1	1	1					1			
DIX-IRVING ROAD	6	4	4	2	6	4	4		2		3		1	11	
STATE ROUTE 37	11	6	5	6	11	4	4	2	1		1		8	1	
STATE ROUTE 161	10		5	5	10				4		4		1	11	2

(O) - INDICATES ORANGE SIGN



NOTES

1. THE CONTRACTOR SHALL FURNISH ALL SIGNS AND POSTS FOR THE ERECTION OF SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET AS DIRECTED BY THE ENGINEER. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
2. SIGNS SHALL BE SPACED AT 400' OR TO FIT FIELD CONDITIONS.
3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6',
4. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.
5. EXISTING GUIDE SIGNS ON POSTS AND TRUSSES SHALL BE MODIFIED BY ADDING TEMPORARY SIGNAGE TO REFLECT CLOSURE AS DIRECTED BY THE ENGINEER.
6. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM FOR DETOUR SIGNING.

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HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

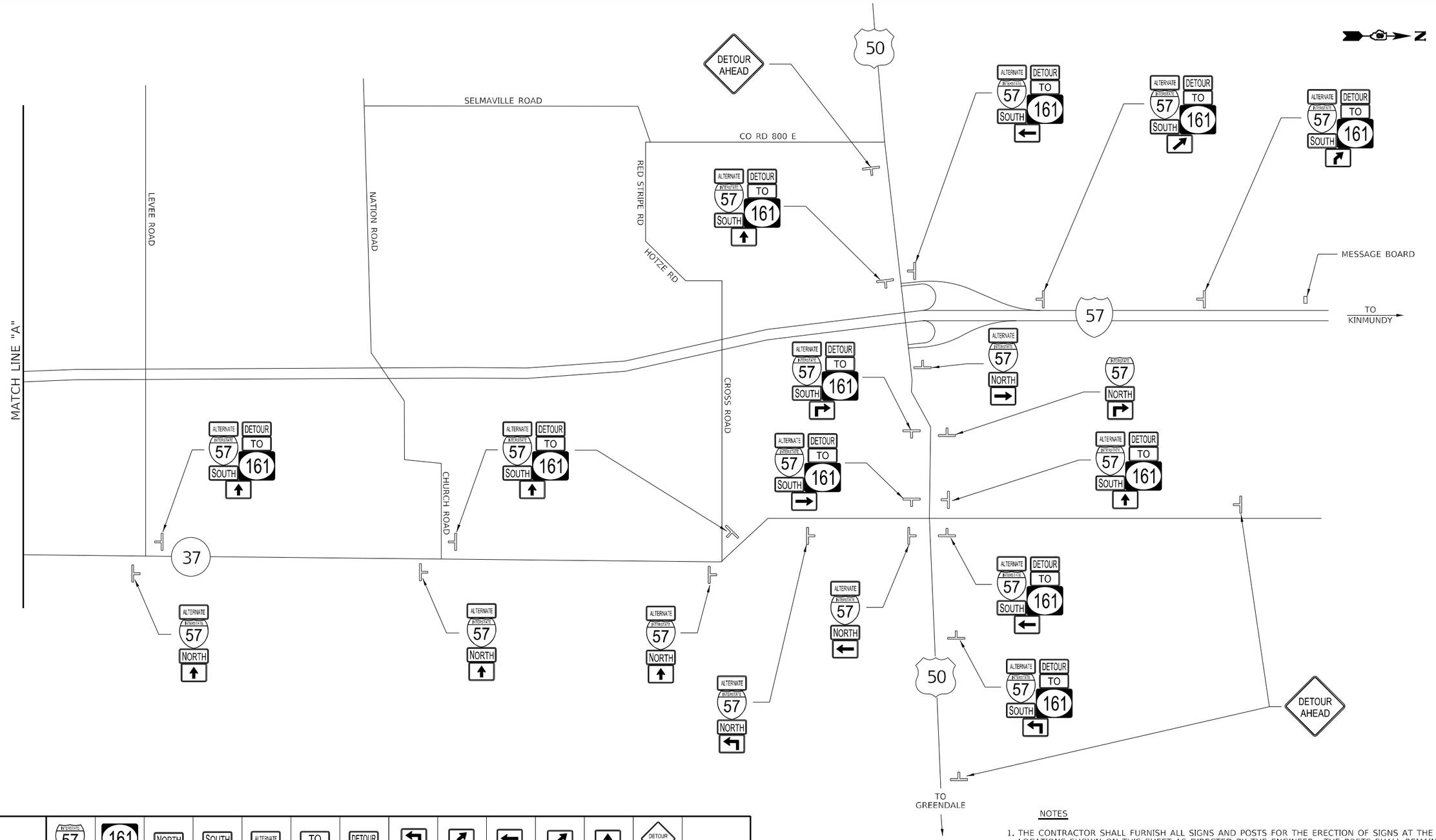
USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTERNATE ROUTE & RAMP
DETOUR ROUTE DETAILS

SCALE: N.T.S. | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	76
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	



	M1-1.2	M1-I100a	M3-1	M3-3	M4-1(O)	M4-5	M4-8(O)	M5-1(O)	M5-2(O)	M6-1(O)	M6-2(O)	M6-3(O)	W20-2(O)	PORTABLE CHANGEABLE MESSAGE SIGN
	24"x24"	30"x24"	24"x12"	24"x12"	24"x12"	24"x12"	24"x12"	21"x15"	21"x15"	21"x15"	21"x15"	21"x15"	48"x48"	
FAI-57 NORTH BOUND	2	2		2	2	2	2		1		1			1
RAMP	1	1		1	1	1	1			1				
US ROUTE 50	7	5	2	5	6	5	5	3		3		1	2	
STATE ROUTE 37	9	4	5	4	9	4	4	1		1		7	1	

(O) - INDICATES ORANGE SIGN

NOTES

1. THE CONTRACTOR SHALL FURNISH ALL SIGNS AND POSTS FOR THE ERECTION OF SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET AS DIRECTED BY THE ENGINEER. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
2. SIGNS SHALL BE SPACED AT 400' OR TO FIT FIELD CONDITIONS.
3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6',
4. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.
5. EXISTING GUIDE SIGNS ON POSTS AND TRUSSES SHALL BE MODIFIED BY ADDING TEMPORARY SIGNAGE TO REFLECT CLOSURE AS DIRECTED BY THE ENGINEER.
6. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM FOR DETOUR SIGNING.

HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
Engineers • Surveyors
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 2/16/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTERNATE ROUTE & RAMP
DETOUR ROUTE DETAILS

SCALE: N.T.S. | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	77
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	

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PRE-STAGE CONSTRUCTION NOTES

1. REMOVE EXISTING INSIDE SHOULDERS WITHIN THE LIMITS OF THE SOUTH & NORTH MEDIAN CROSSOVERS.
2. CONSTRUCT CROSSOVER CENTERED AT STATION 1368+00 TO BE USED FOR STAGE 1 AND STAGE 2 TRAFFIC.
3. CONSTRUCT CROSSOVER CENTERED AT STATION 1578+00 TO BE USED FOR STAGE 1 AND STAGE 2 TRAFFIC.
4. INSTALL TEMPORARY LIGHTING AT BOTH NORTH AND SOUTH CROSSOVERS.
5. REMOVE THE SOUTH BOUND INSIDE SHOULDER AND PLACE 14 FOOT WIDE TEMPORARY HOT-MIX ASPHALT BASE COURSE WIDENING, 14 INCH AND GRADE TEMPORARY MEDIAN SLOPES AT 1:4 IN PREPARATION FOR STAGE 1 TRAFFIC.
6. THIS WORK WILL BE COMPLETED UTILIZING HIGHWAY STANDARDS 701400 & 701401.

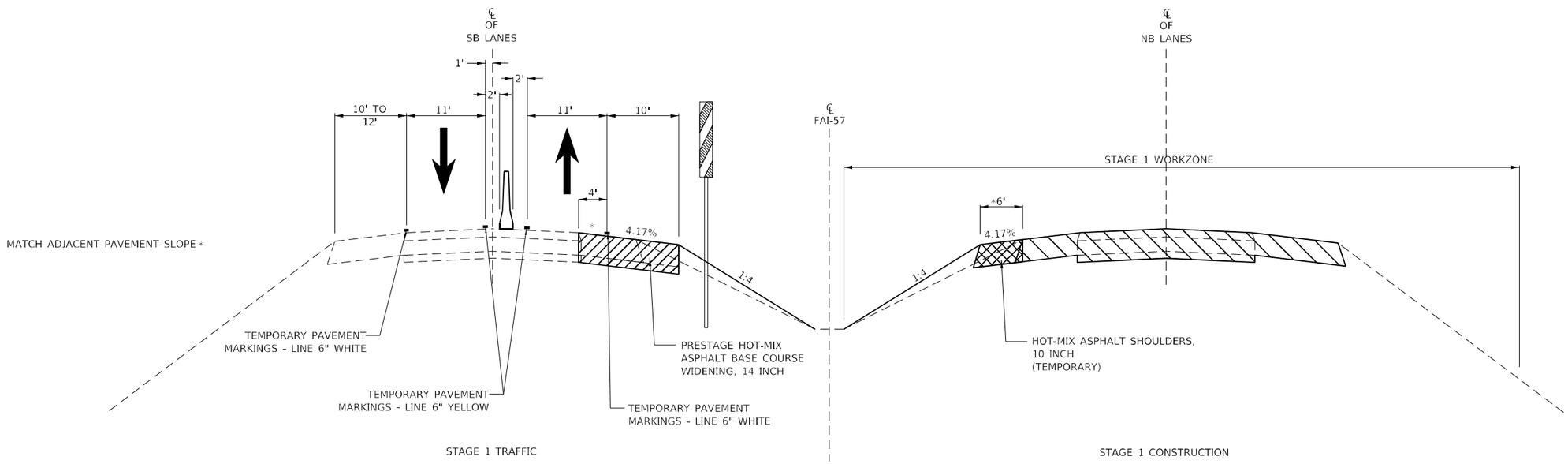
STAGE 1 CONSTRUCTION NOTES

1. SETUP TRAFFIC CONTROL NEEDED FOR STAGE 1 CONSTRUCTION:

701400	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701411	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS OVER 45 MPH.
701416	LANE CLOSURE, FREEWAY/EXPRESSWAY WITH CROSSOVER AND BARRIER
701451	RAMP CLOSURE, FREEWAY/EXPRESSWAY

(ALL SIGNS TO REMAIN COVERED UNTIL TRAFFIC IS SHIFTED TO STAGE 1 PATTERN)

2. INSTALL TEMPORARY CONCRETE BARRIER, TEMPORARY STRIPING & BARRICADES NEEDED FOR STAGE 1 TRAFFIC.
3. RECONSTRUCT FAI-57 NORTH BOUND PAVEMENT, OUTSIDE SHOULDERS, 6 FOOT WIDE INSIDE PCC SHOULDER, OUTSIDE DITCHES, CULVERT EXTENSIONS AND GUARDRAIL. ALSO CONSTRUCT ADDITIONAL TEMPORARY INSIDE 6 FOOT HOT-MIX ASPHALT SHOULDERS, 10 INCH TO PROVIDE 10 FOOT SHOULDERS DURING STAGE 2 TRAFFIC.
4. RECONSTRUCT & RESURFACE RAMP A AND RAMP B UNDER CLOSURE USING HIGHWAY STANDARD 701451.
5. CONSTRUCT ADDITIONAL TEMPORARY INSIDE 8 FOOT HOT-MIX ASPHALT SHOULDERS, 10 INCH FROM SOUTH CROSSOVER TO SOUTH BOUND RE-CONSTRUCTED SECTION TO PROVIDE 10 FOOT SHOULDERS DURING STAGE 2 TRAFFIC.



* 6' SHOULDER WIDTH - STA. 1374+40 TO STA. 1574+00
8' TEMPORARY SHOULDER WIDTH - STA. 1372+00 TO STA 1374+40

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HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

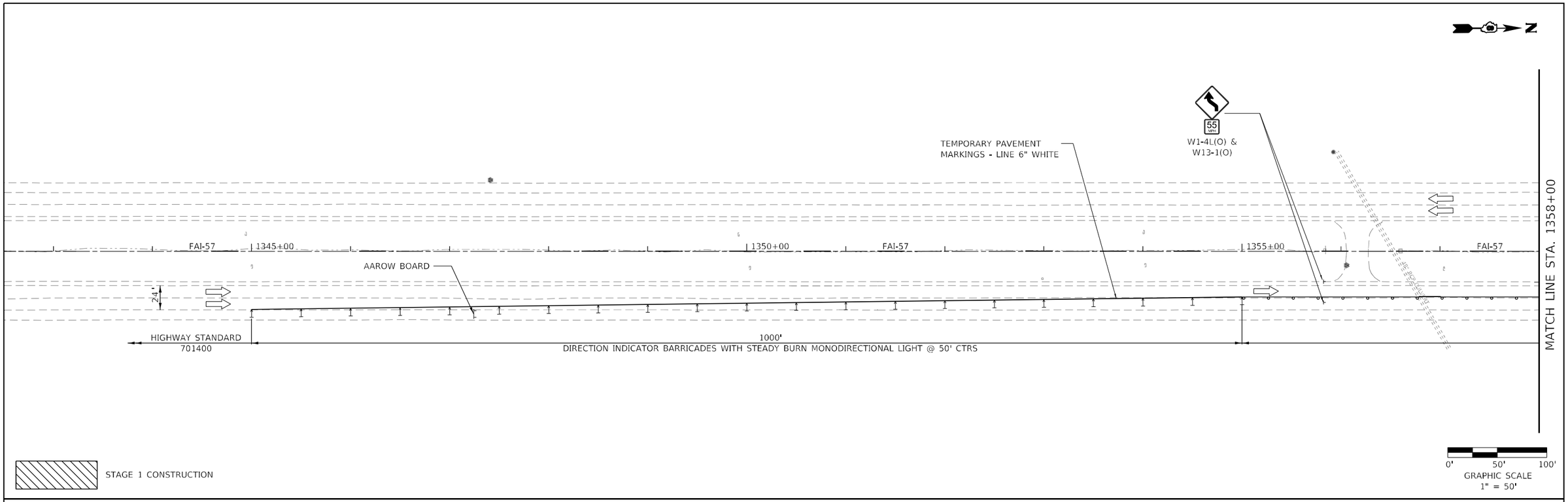
USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

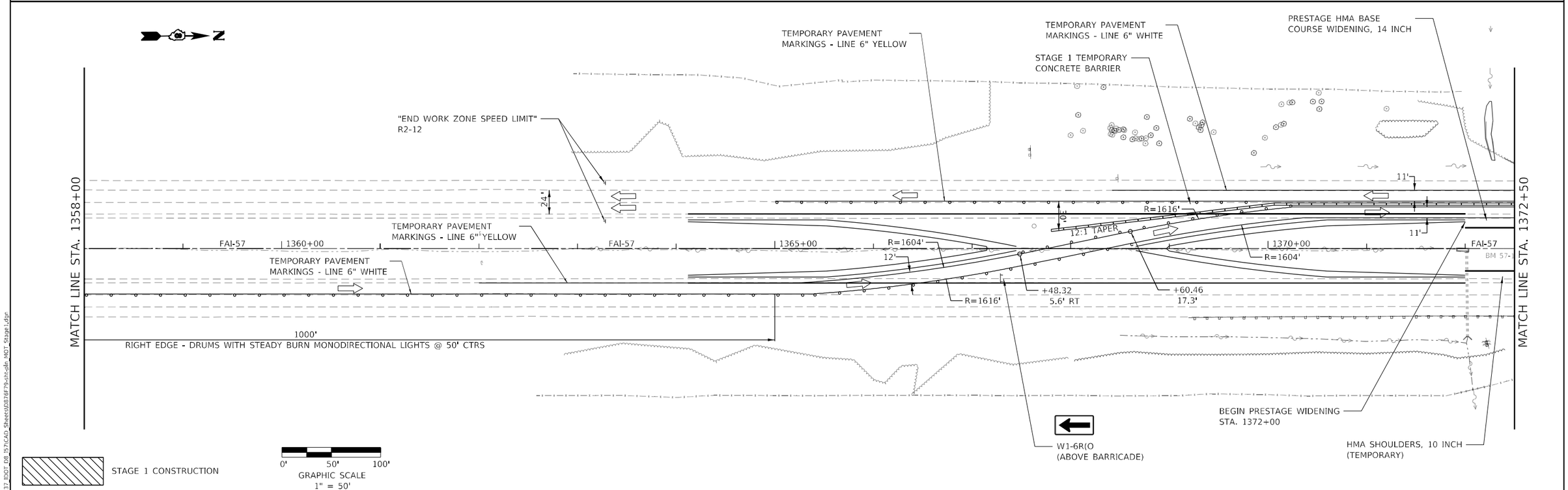
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1

SCALE: N.T.S. | SHEET 1 OF 10 SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	78
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	





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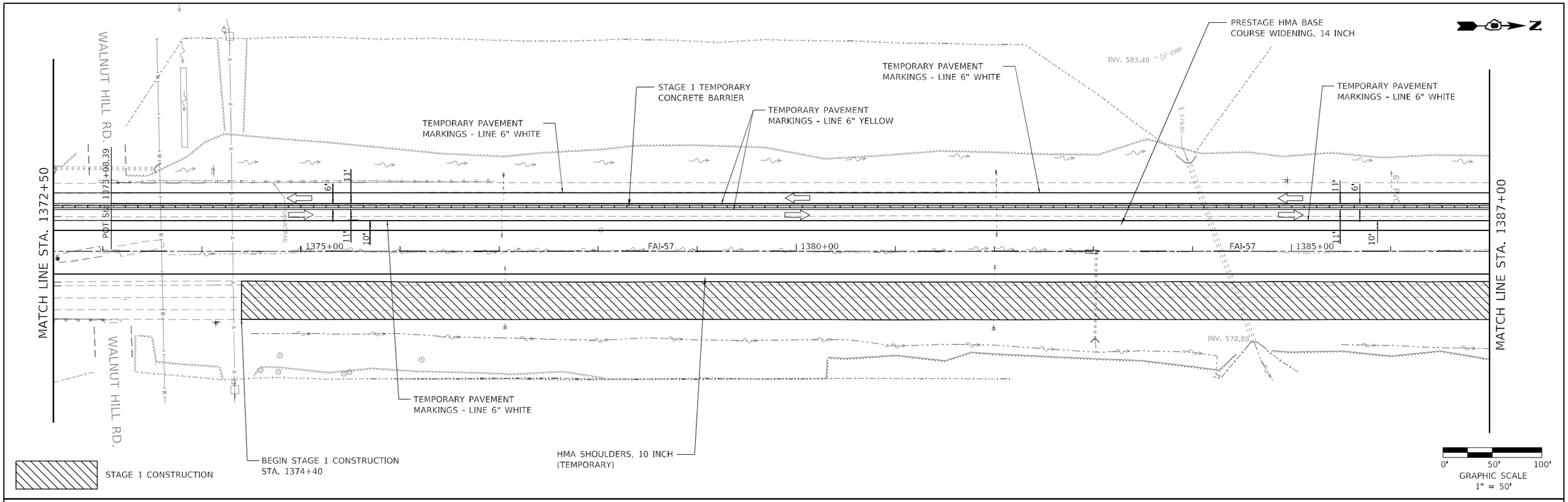
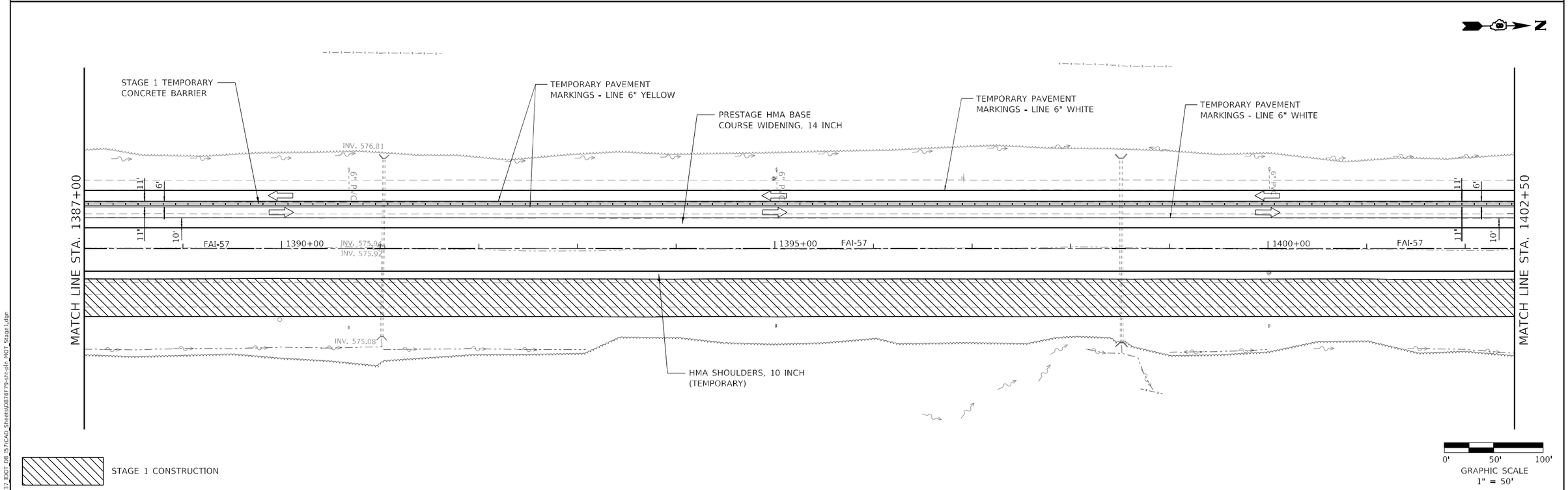
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						57	61-(1,1-1,1-2,2)RS-1	MARION	484	79
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -								CONTRACT NO. 76F79		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50'	SHEET 2 OF 10 SHEETS	STA. 1343+00.00	TO STA. 1372+50.00		ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	





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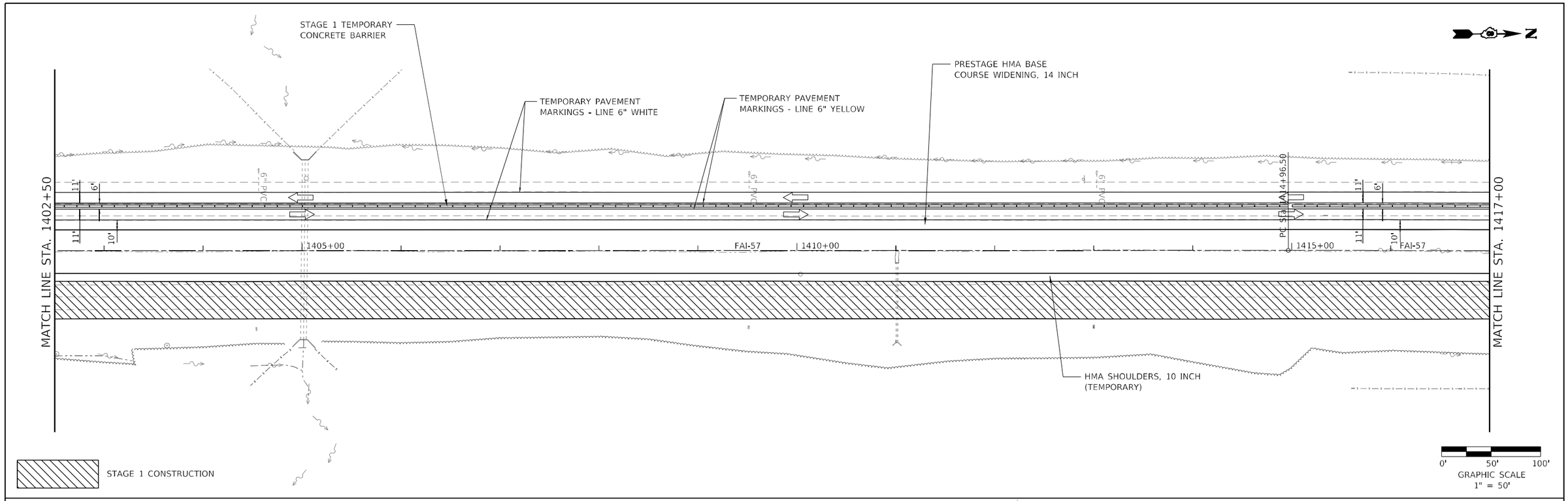
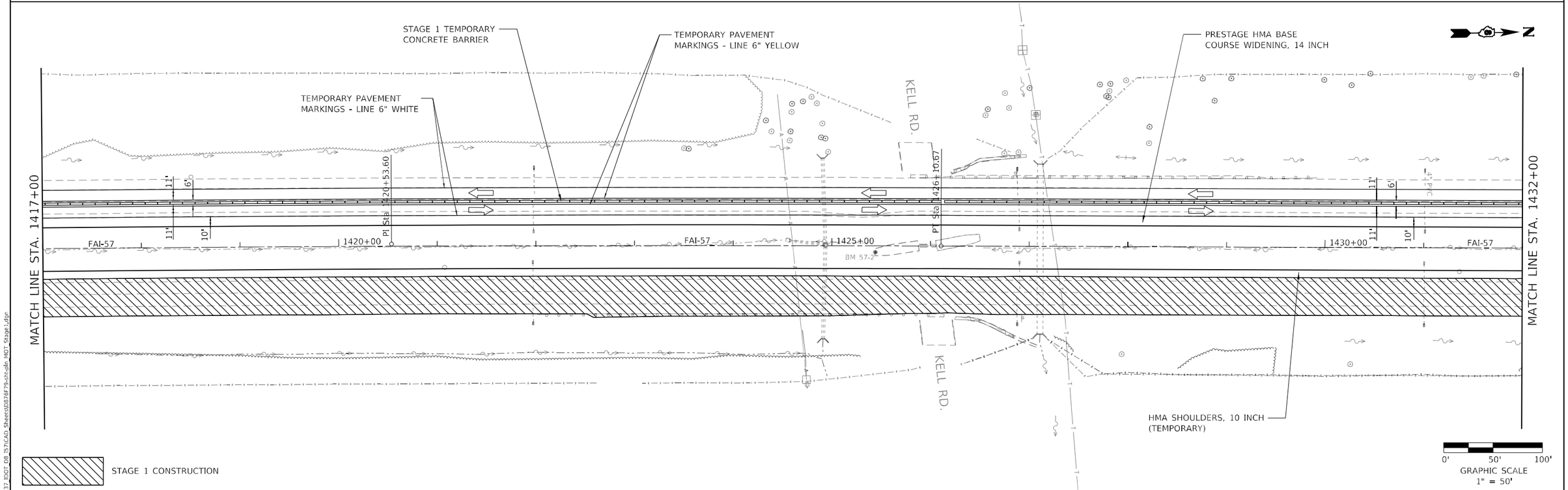
HMG Engineers • Surveyors — HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 3 OF 10 SHEETS STA. 1372+50.00 TO STA. 1402+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	80
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	





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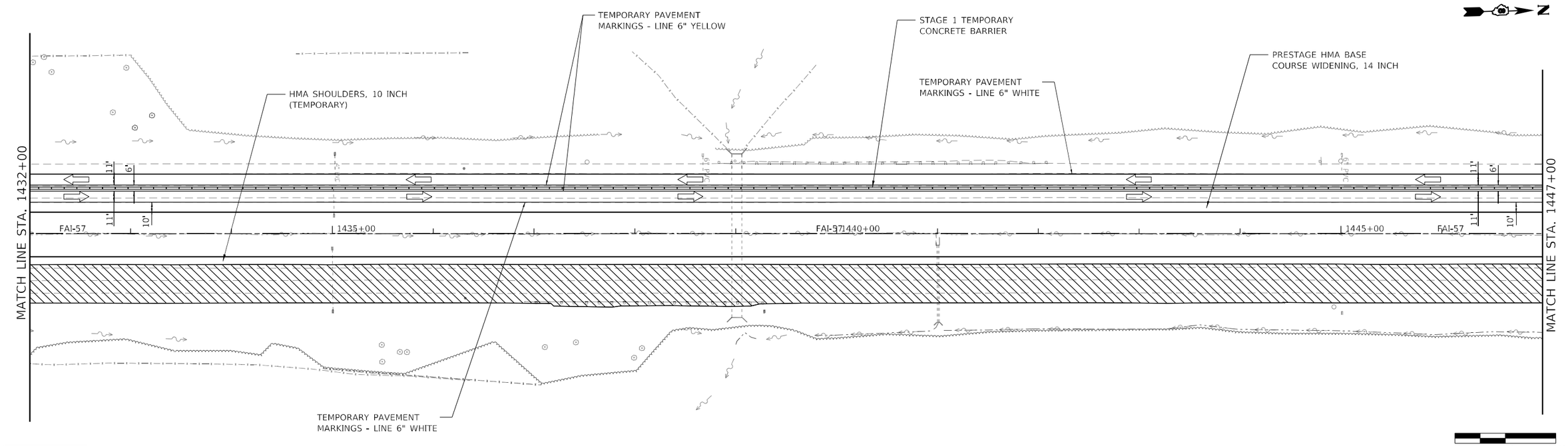
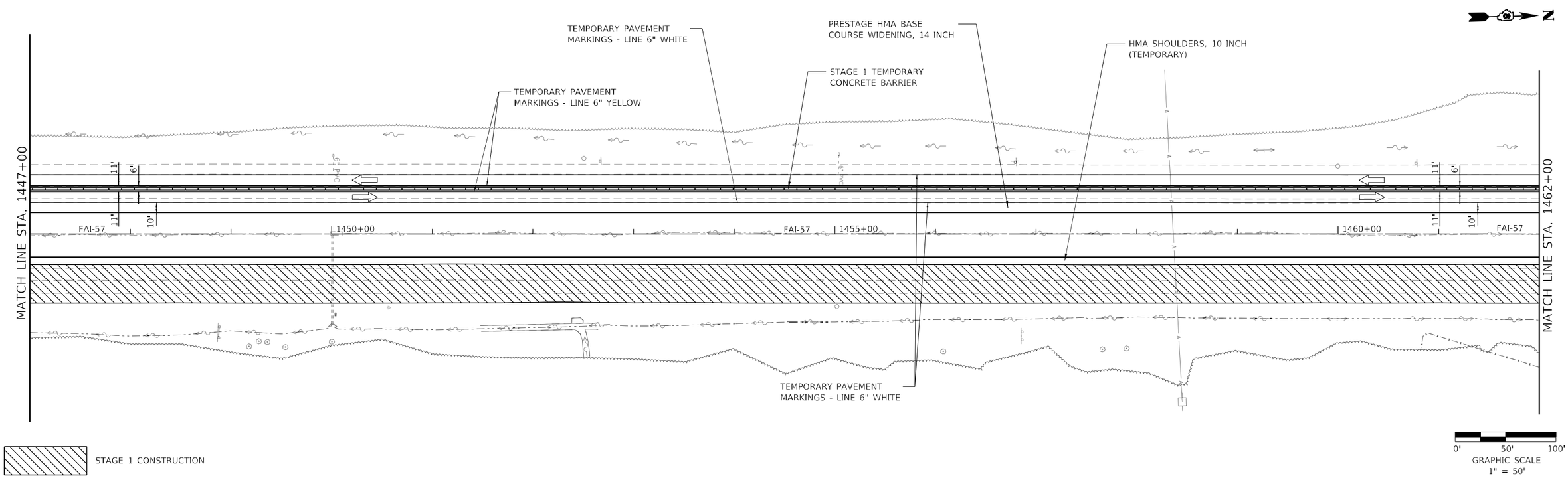
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 81
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 4 OF 10 SHEETS STA. 1402+50.00 TO STA. 1432+00.00		ILLINOIS FED. AID PROJECT NHPP-KC9D(768)		





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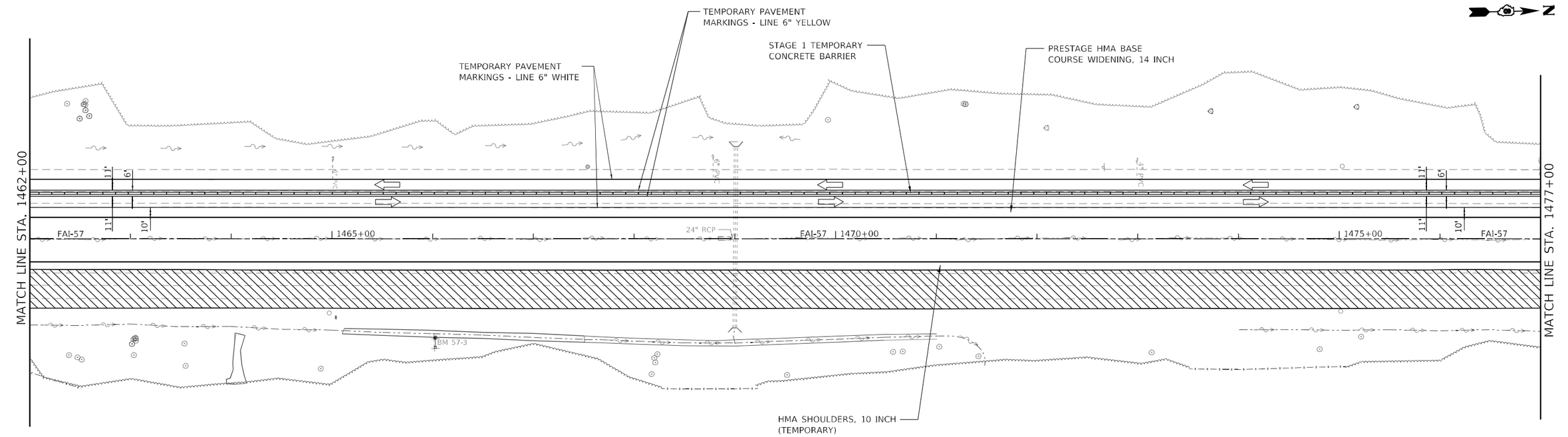
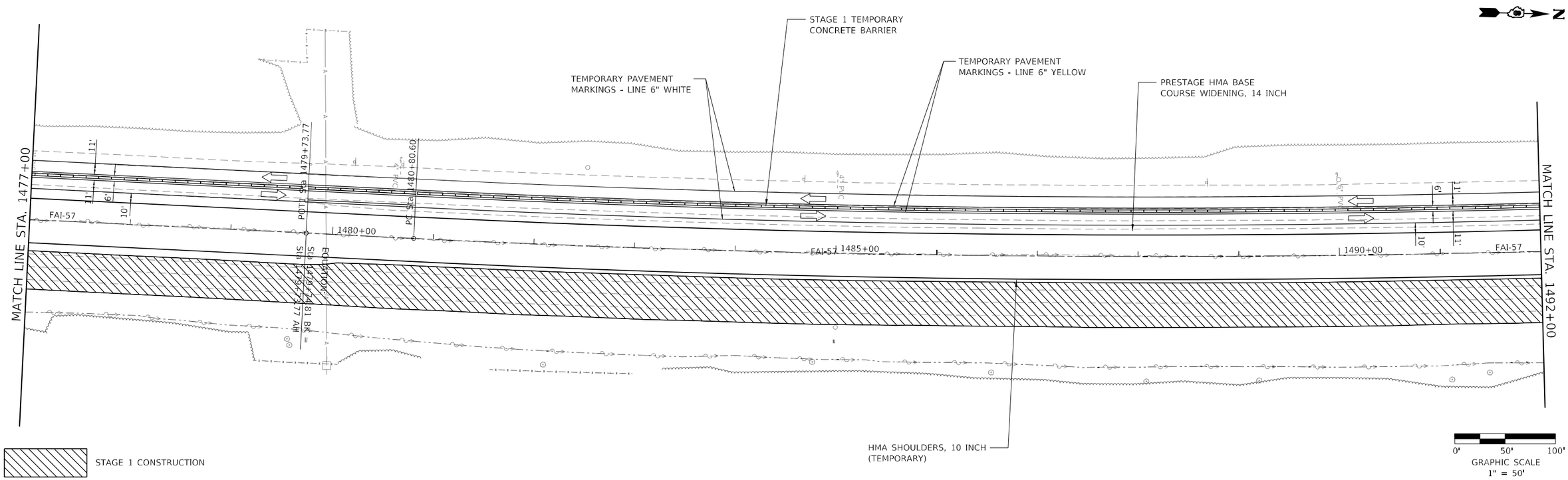
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 5 OF 10 SHEETS STA. 1432+00.00 TO STA. 1462+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	82
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT NHPP-KC9D(768)		





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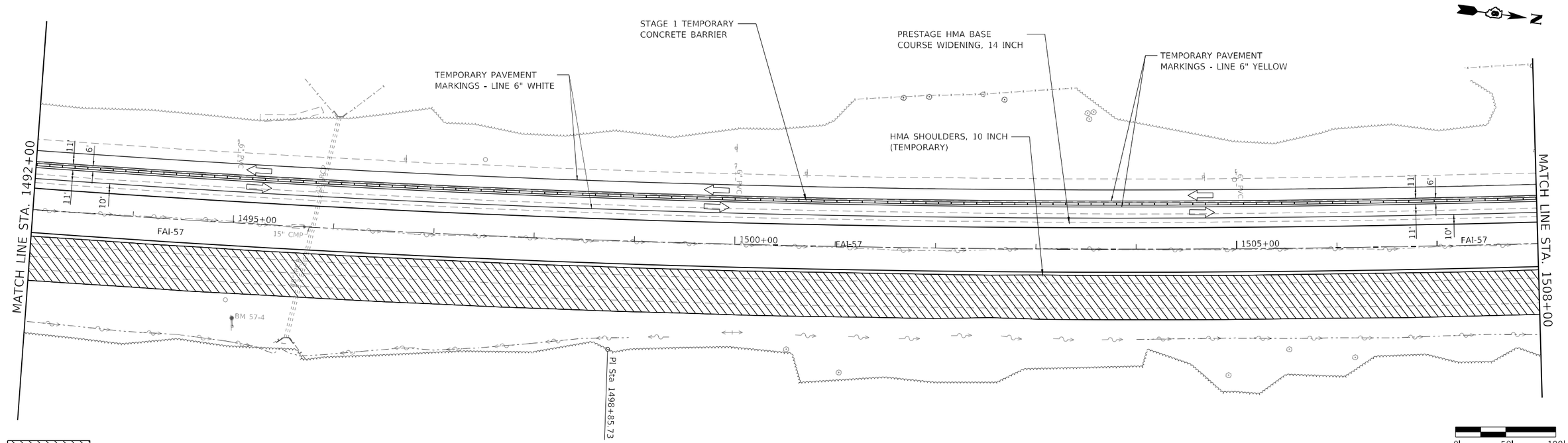
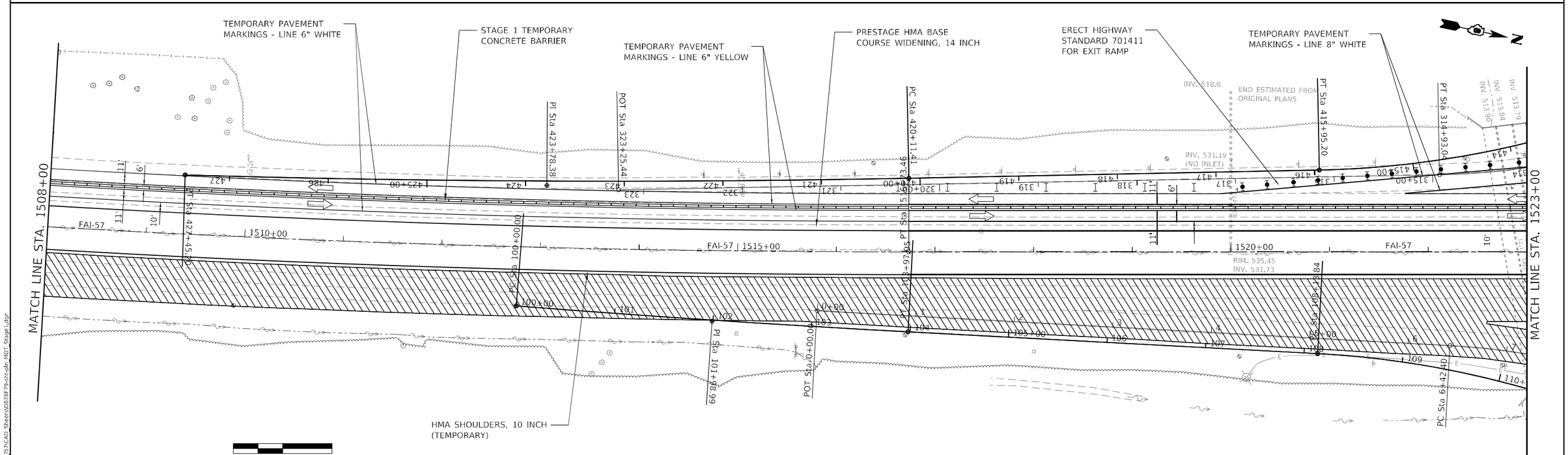
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 6 OF 10 SHEETS STA. 1462+00.00 TO STA. 1492+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	83
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	



STAGE 1 CONSTRUCTION

0' 50' 100'
GRAPHIC SCALE
1" = 50'



STAGE 1 CONSTRUCTION

0' 50' 100'
GRAPHIC SCALE
1" = 50'

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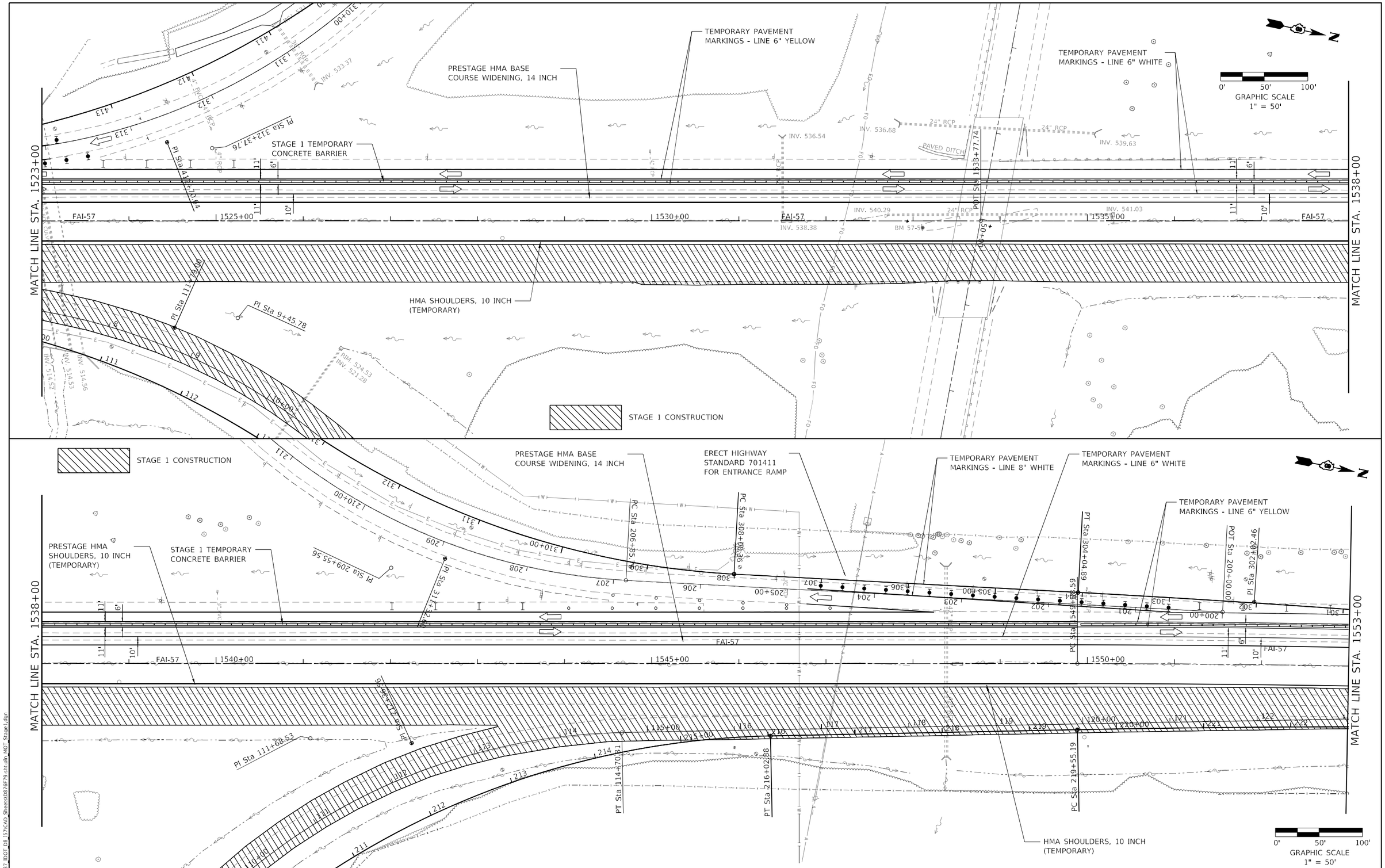
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 7 OF 10 SHEETS STA. 1492+00.00 TO STA. 1523+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	84
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	



HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 8 OF 10 SHEETS STA. 1523+00.00 TO STA. 1553+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	85
		CONTRACT NO. 76F79		
		ILLINOIS FED. AID PROJECT NHPP-KC9D(768)		

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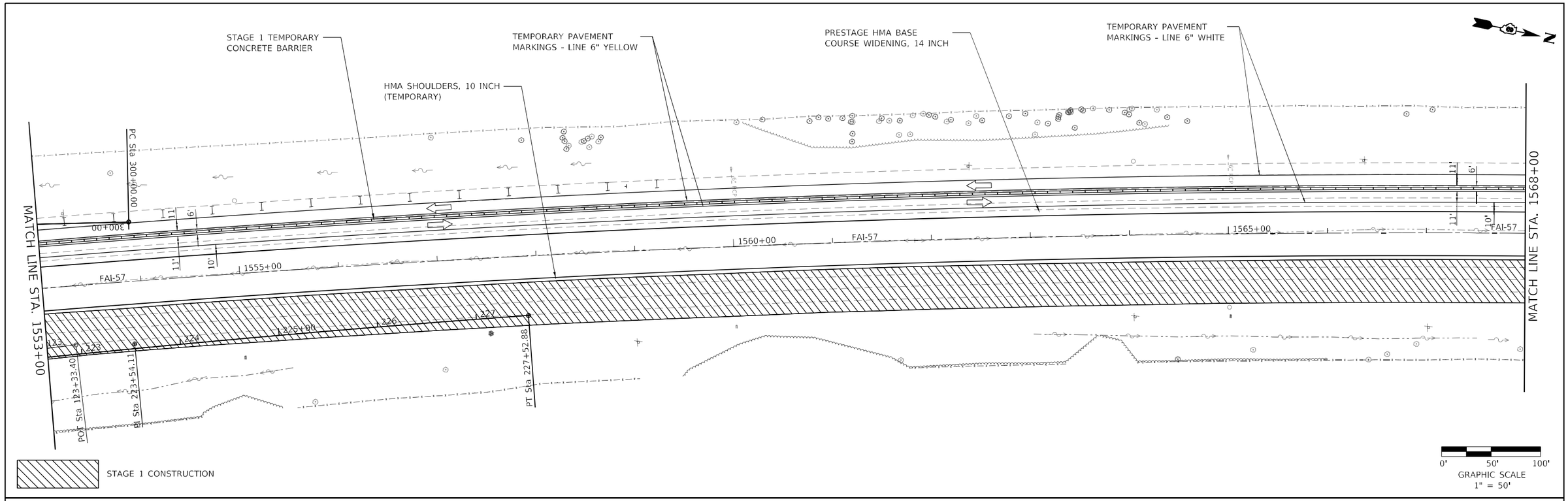

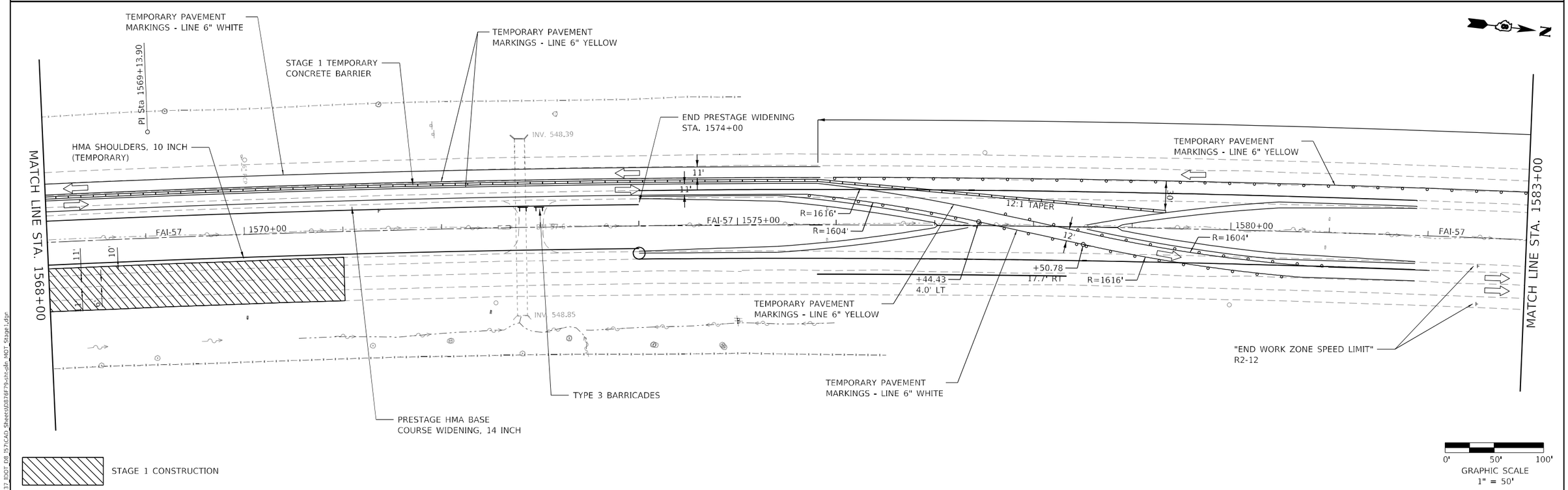

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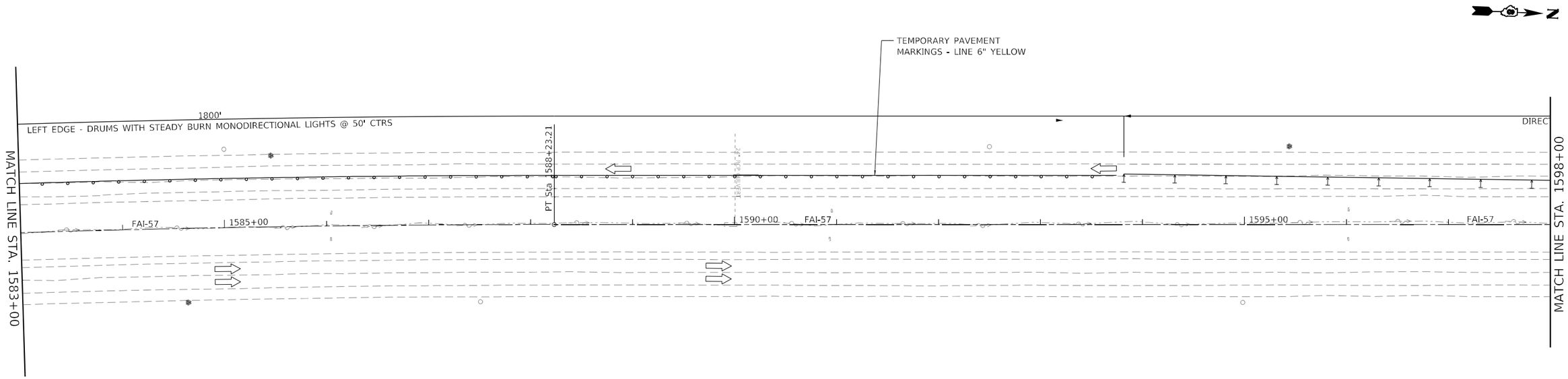
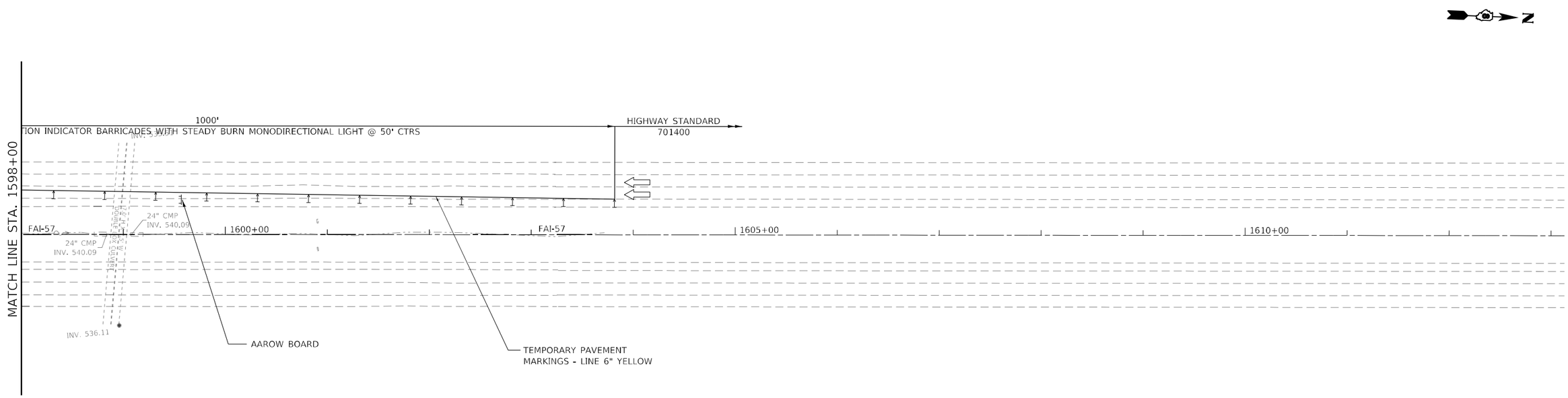
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 9 OF 10 SHEETS STA. 1553+00.00 TO STA. 1583+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	86
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	



STAGE 1 CONSTRUCTION

0' 50' 100'
GRAPHIC SCALE
1" = 50'



0' 50' 100'
GRAPHIC SCALE
1" = 50'

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HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 87
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 10 OF 10 SHEETS STA. 1583+00.00 TO STA. 1612+00.00		ILLINOIS FED. AID PROJECT NHPP-KC9D(768)		

STAGE 2 CONSTRUCTION NOTES

1. SETUP TRAFFIC CONTROL NEEDED FOR STAGE 2 CONSTRUCTION:

   701400 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
   701411 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS GREATER THAN 45 MPH
   701416 LANE CLOSURE, FREEWAY/EXPRESSWAY WITH CROSSOVER AND BARRIER
   701451 RAMP CLOSURE, FREEWAY/EXPRESSWAY

   (ALL SIGNS TO REMAIN COVERED UNTIL TRAFFIC IS SHIFTED TO STAGE 2 PATTERN.)

2. PLACE TEMPORARY CONCRETE BARRIER IN LOCATION FOR STAGE 2 TRAFFIC.

3. SWITCH TRAFFIC ONTO NEW FAI-57 NORTH BOUND PAVEMENT CONSTRUCTED IN STAGE 1.

4. REMOVE STAGE 1 TEMPORARY STRIPING AND TRAFFIC CONTROL ITEMS NEEDED FOR STAGE 1.

5. RECONSTRUCT FAI-57 SOUTH BOUND PAVEMENT, OUTSIDE DITCHES, CULVERT EXTENSIONS AND GUARDRAIL.

6. RECONSTRUCT AND RESURFACE RAMP C AND RAMP D UNDER CLOSURE USING HIGHWAY STANDARD 701451.

STAGE 3 CONSTRUCTION NOTES

1. REMOVE TEMPORARY STRIPING AND TRAFFIC CONTROL USED FOR STAGE 2 CONSTRUCTION PRIOR TO REMOVING STAGE 2 TEMPORARY CONCRETE BARRIER.

2. REMOVE TEMPORARY CONCRETE BARRIER NEEDED FOR STAGE 2 CONSTRUCTION; PLACE TEMPORARY PAVEMENT MARKINGS AND/OR PERMENANT PAVEMENT MARKINGS FOR FINAL LANE CONFIGURATION. ALLOW TWO LANES OF TRAFFIC ON BOTH NORTHBOUND AND SOUTHBOUND LANES.

3. REMOVE NORTH BOUND INSIDE TEMPORARY HOT-MIX ASPHALT SHOULDERS, 10 INCH USED FOR STAGE 2 TRAFFIC AND INSTALL 2 FOOT INSIDE AGGREGATE SHOULDER. TEMPORARY HOT-MIX ASPHALT SHOULDER, 10 INCH SHALL BE LEFT IN PLACE 425' SOUTH OF THE RADIUS RETURN OF THE EMERGENCY MEDIAN CROSS OVER LOCATED AT APPROXIMATELY STA 1573+00.

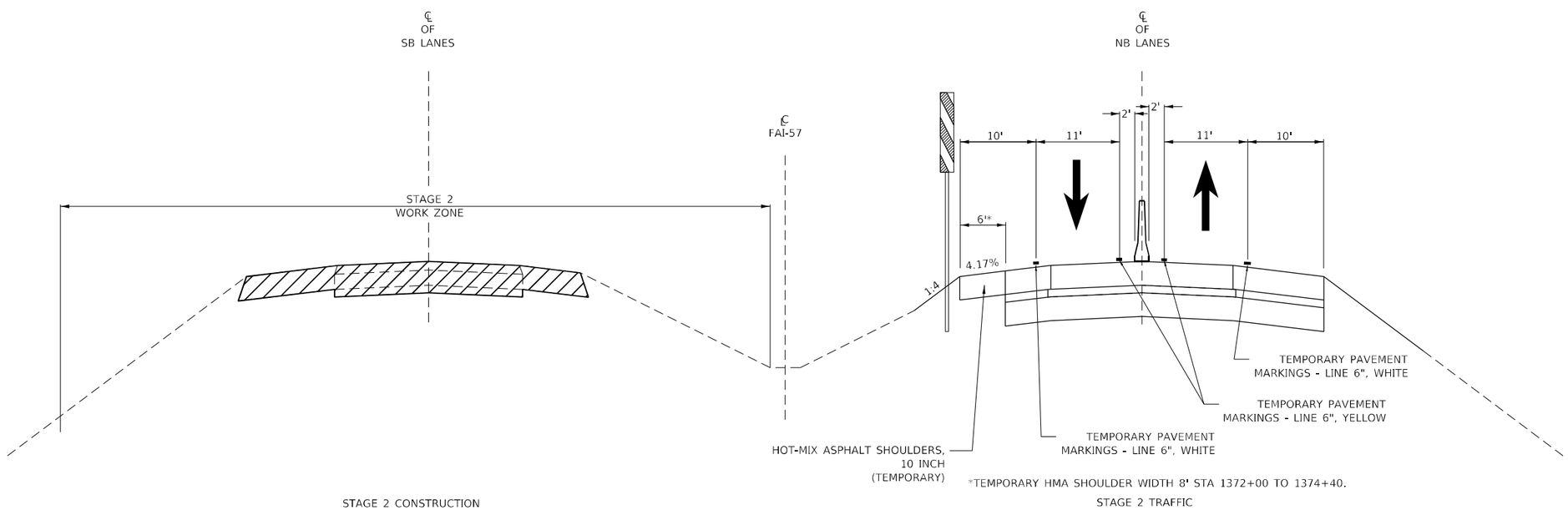
4. FINAL GRADING AND SHAPING OF MEDIAN DITCHES AND SLOPES.

5. REMOVE CROSSOVERS CONSTRUCTED DURING PRE STAGE WORK. SHAPE MEDIANS WITHIN CROSSOVER AREAS TO EXISTING LINES AND GRADES.

6. RE-CONSTRUCT INSIDE HMA SHOULDERS 12.5" WITHIN LIMITS OF MEDIAN CROSSOVERS AND LOCATIONS WHERE HMA WIDENING AND TEMPORARY SHOULDERS WHERE REMOVED.

7. INSTALL FINAL STRIPING, RAISED REFLECTIVE PAVEMENT MARKERS AND DELINEATORS.

8. THIS WORK WILL BE COMPLETED UTILIZING HIGHWAY STANDARDS 701101, 701106, 701400 & 701401.



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HMG Engineers • Surveyors
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

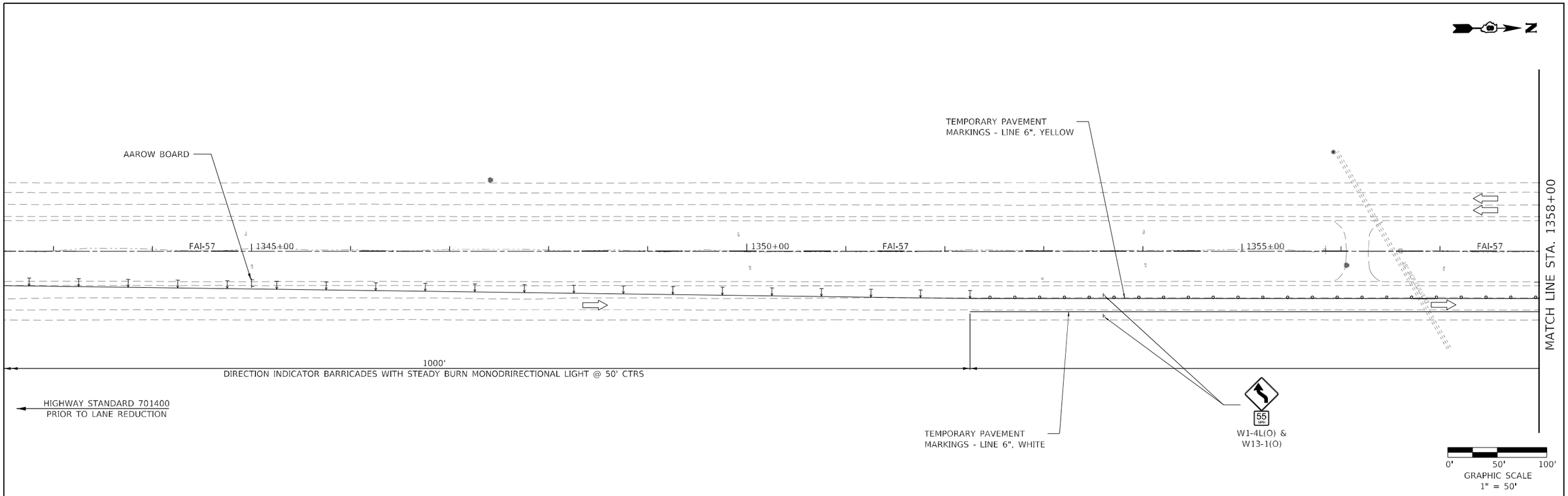
USER NAME = mobrien	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

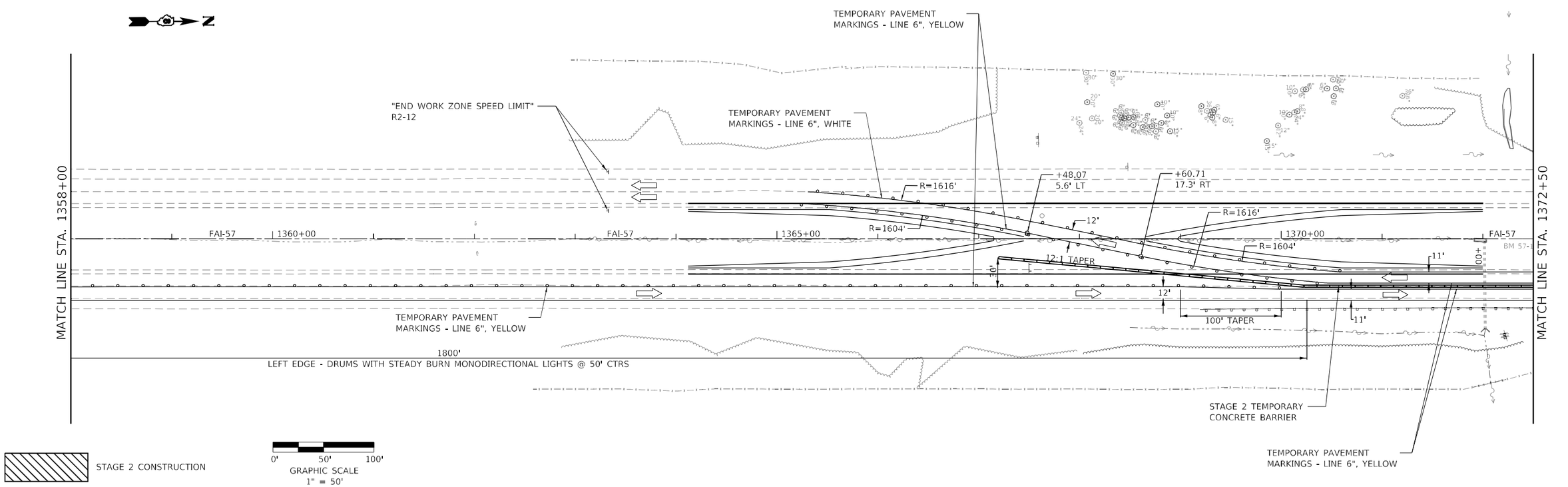
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2

SCALE: N.T.S. | SHEET 1 OF 10 SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	88
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	





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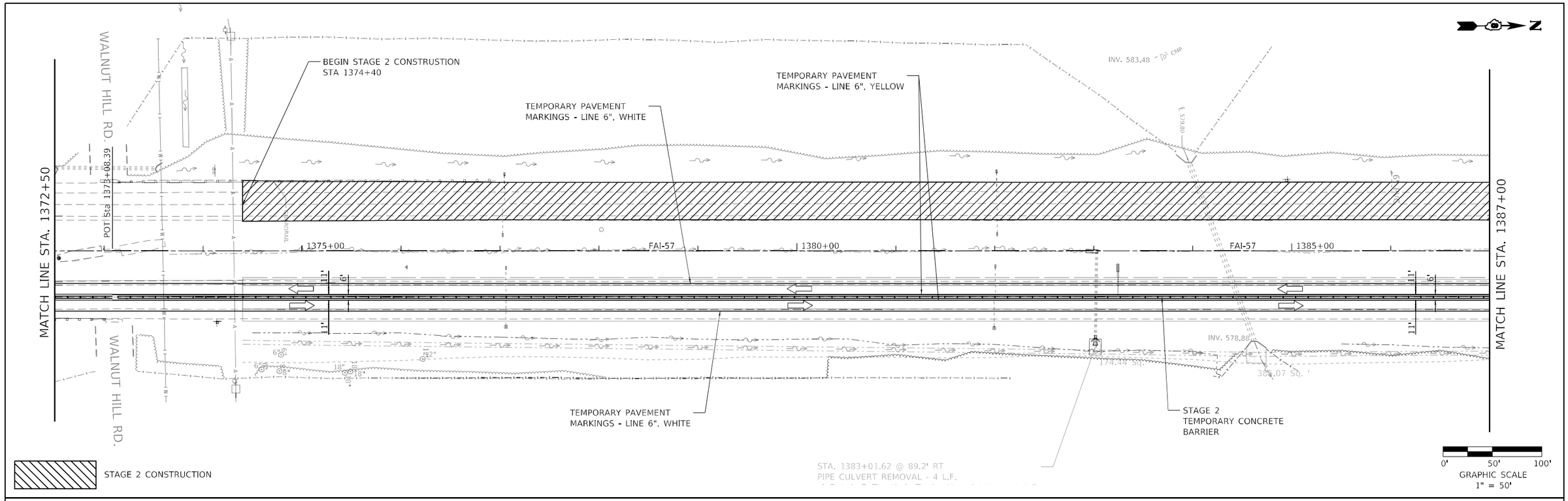
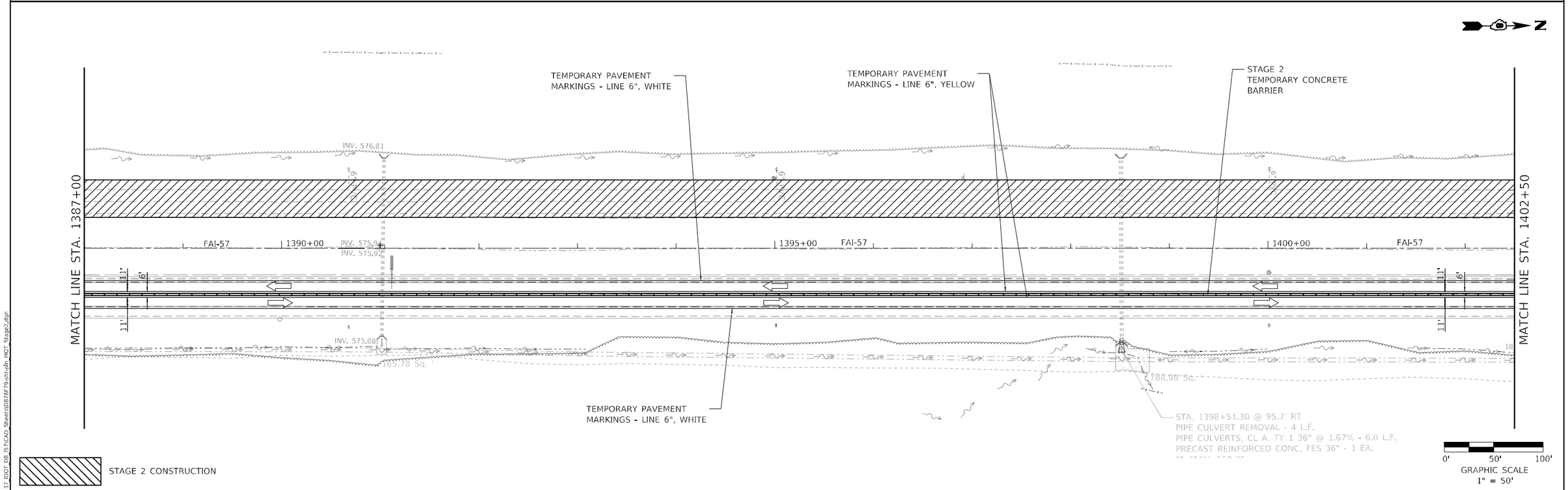
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 89
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 2 OF 10 SHEETS STA. 1343+00.00 TO STA. 1372+50.00		ILLINOIS FED. AID PROJECT		NHPP-KC9D(768)





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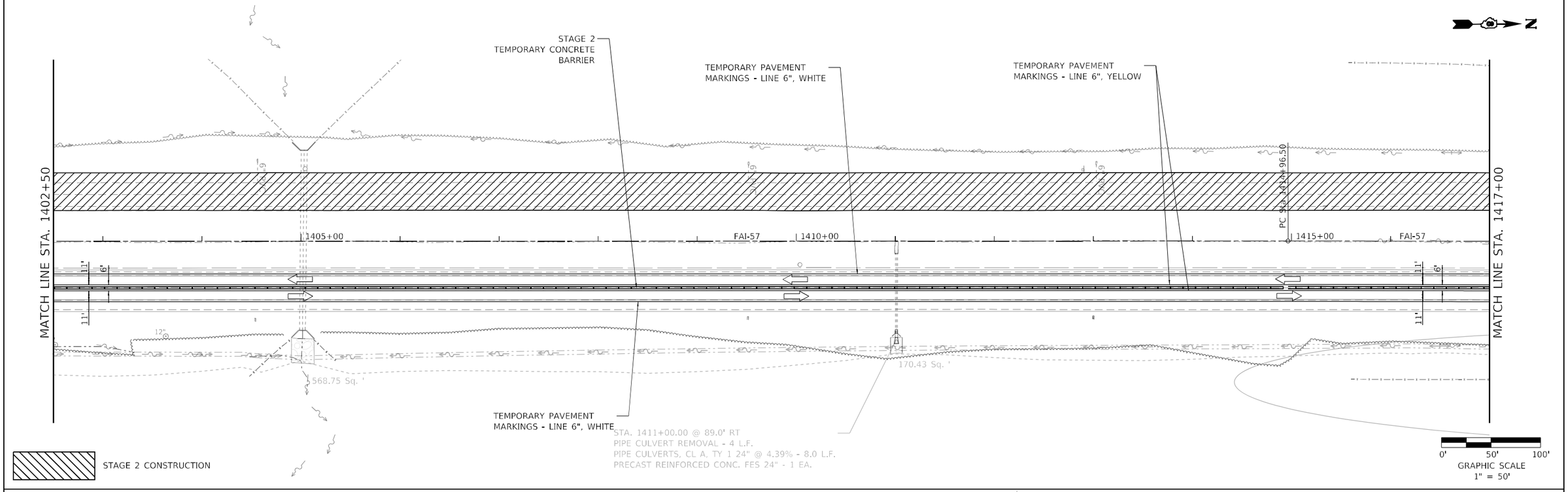
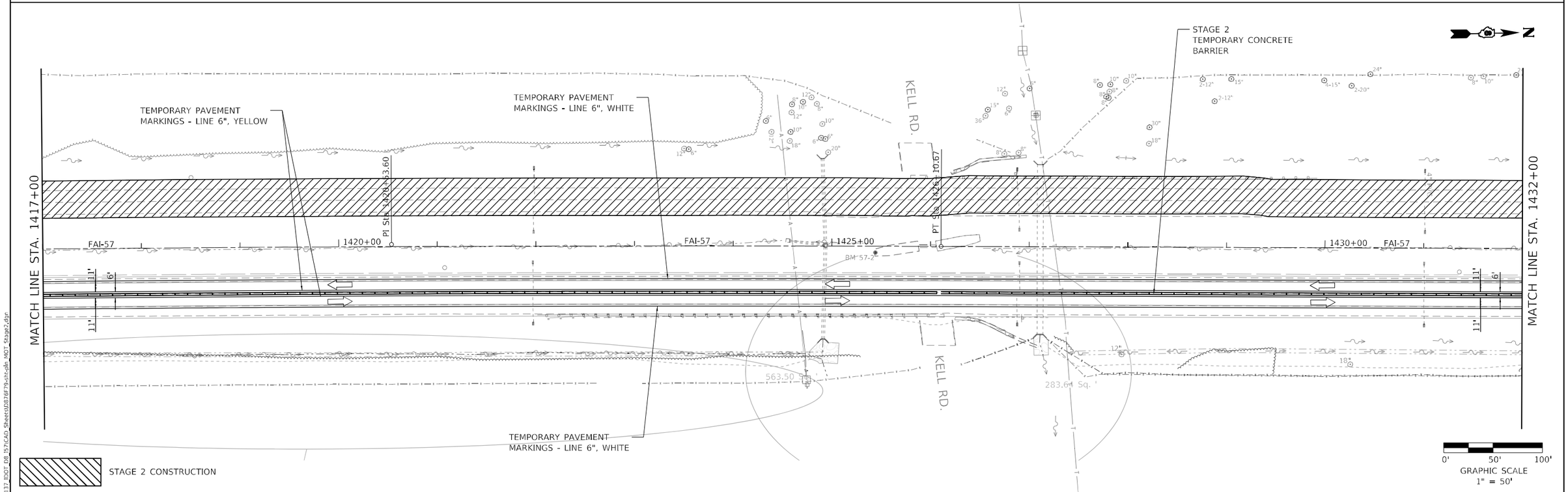
HMG Engineers • Surveyors	HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2	F.A.I. RTE.	SECTION	COUNTY / TOTAL SHEETS / SHEET NO.
			DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION / 484 / 90
		PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79
		PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' / SHEET 3 OF 10 SHEETS / STA. 1372+50.00 TO STA. 1402+50.00		ILLINOIS	FED. AID PROJECT NHPP-KC9D(768)





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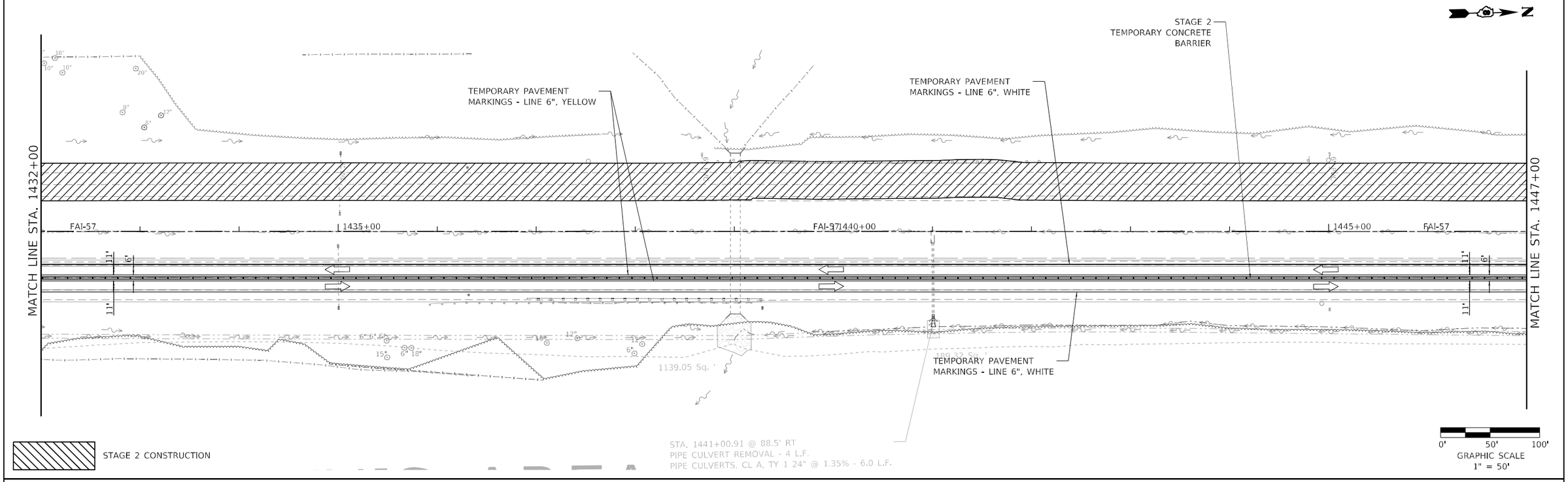
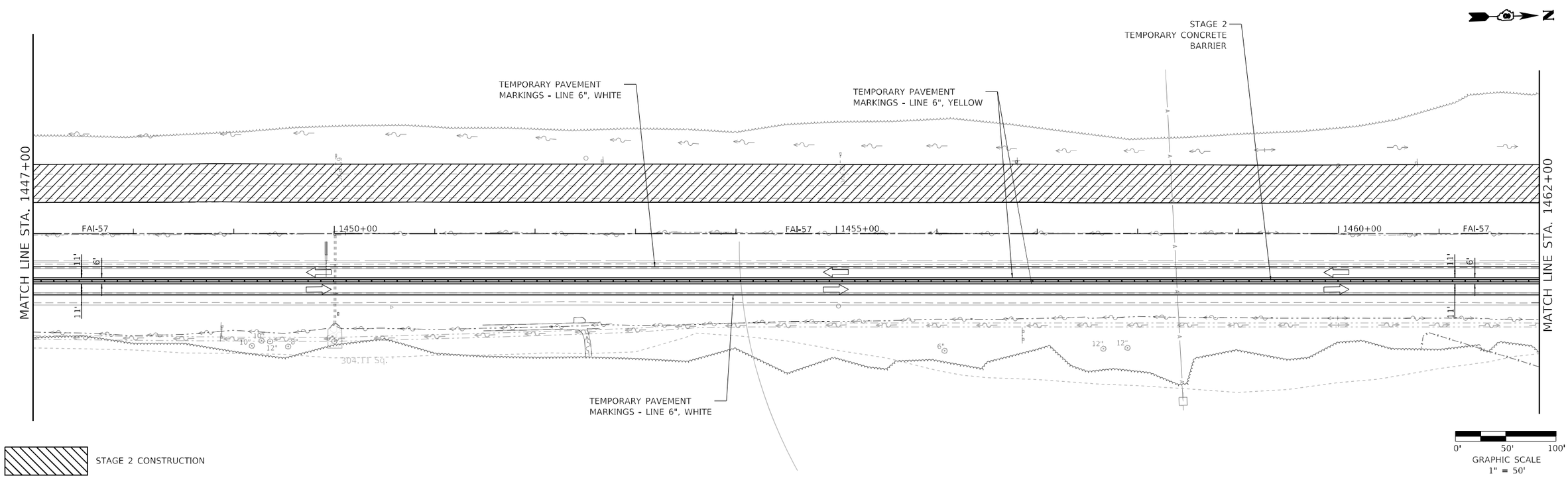
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN -	REVISED -	
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
	PLOT DATE = 2/16/2022	DATE -	REVISED -	

MAINTENANCE OF TRAFFIC
STAGE 2

SCALE: 1" = 50' | SHEET 4 OF 10 SHEETS | STA. 1402+50.00 TO STA. 1432+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	91
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	





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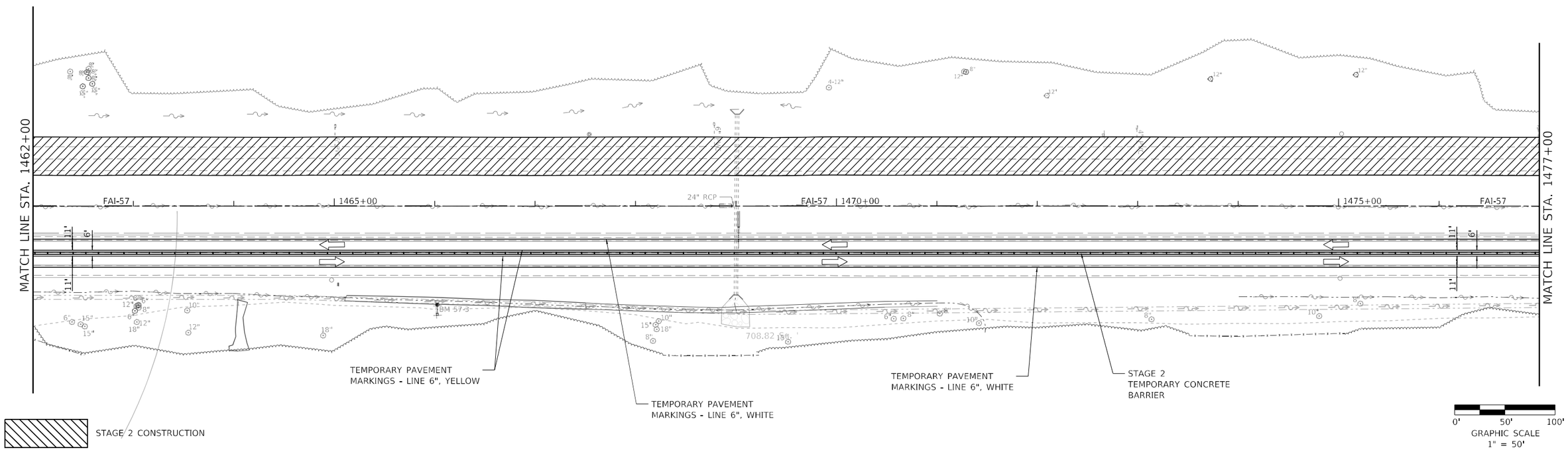
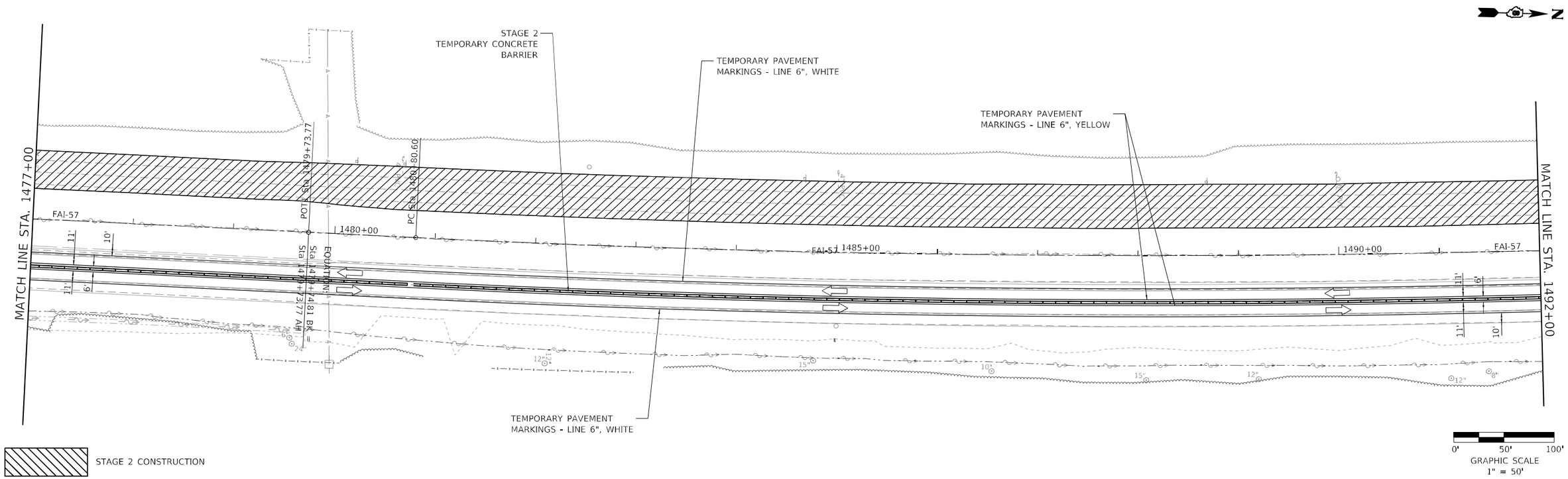
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 5 OF 10 SHEETS STA. 1432+00.00 TO STA. 1462+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	92
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	





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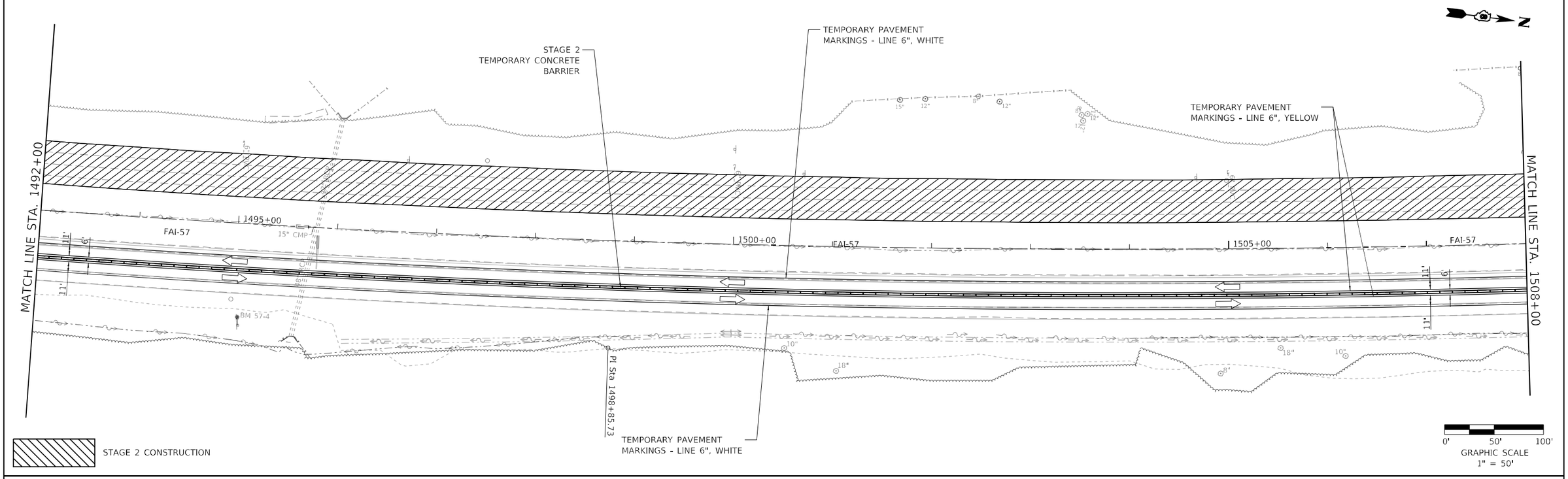
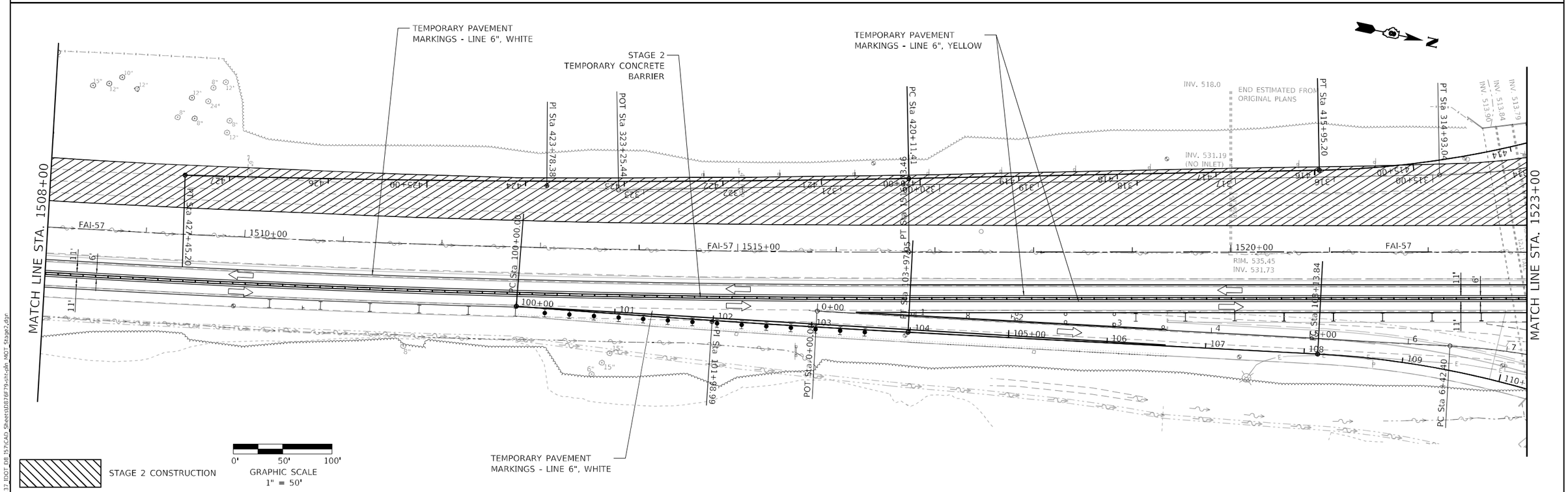
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 93
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 6 OF 10 SHEETS STA. 1462+00.00 TO STA. 1492+00.00		ILLINOIS FED. AID PROJECT	NHPP-KC9D(768)	





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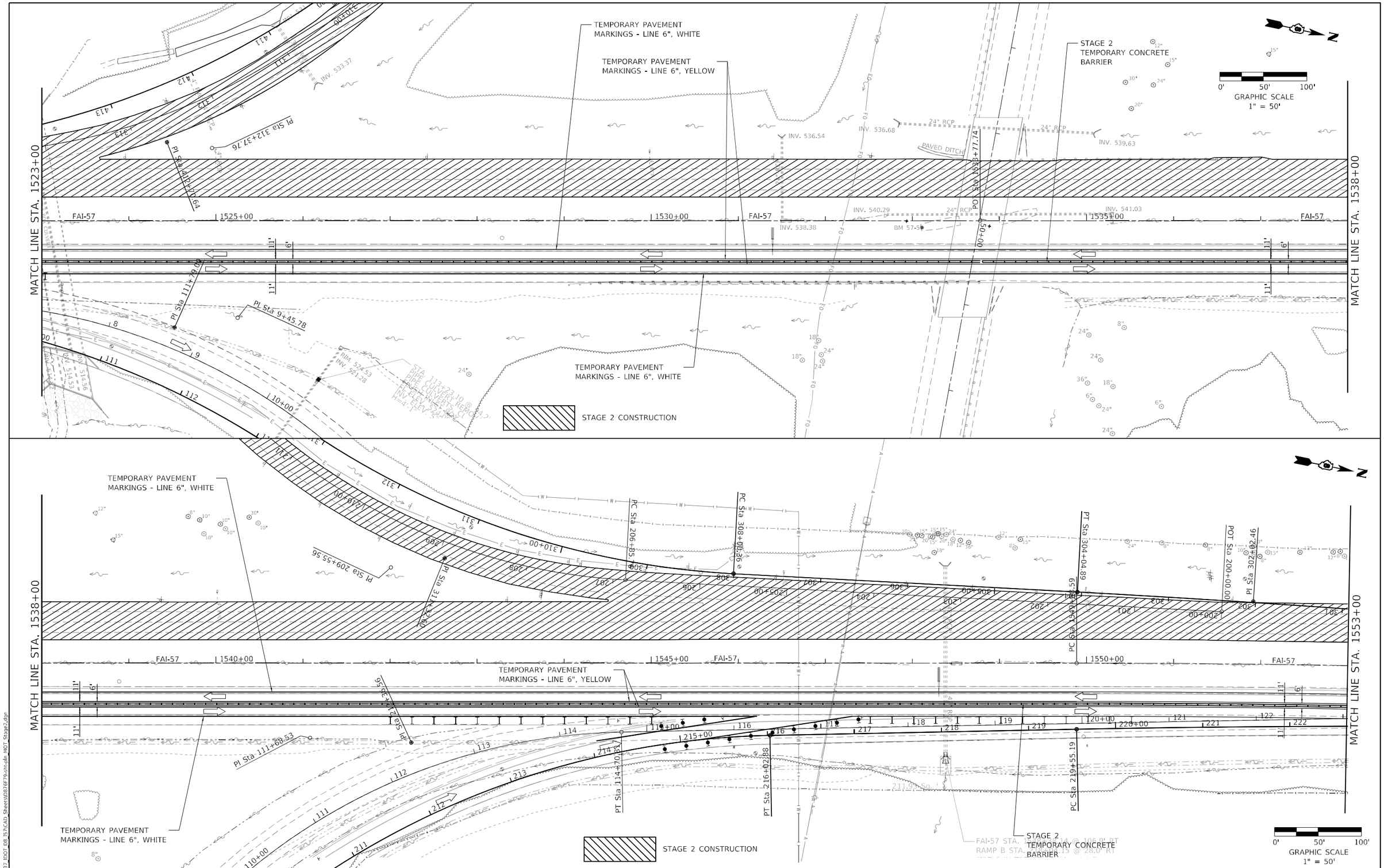
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 7 OF 10 SHEETS STA. 1492+00.00 TO STA. 1523+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	94
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT NHPP-KC9D(768)		



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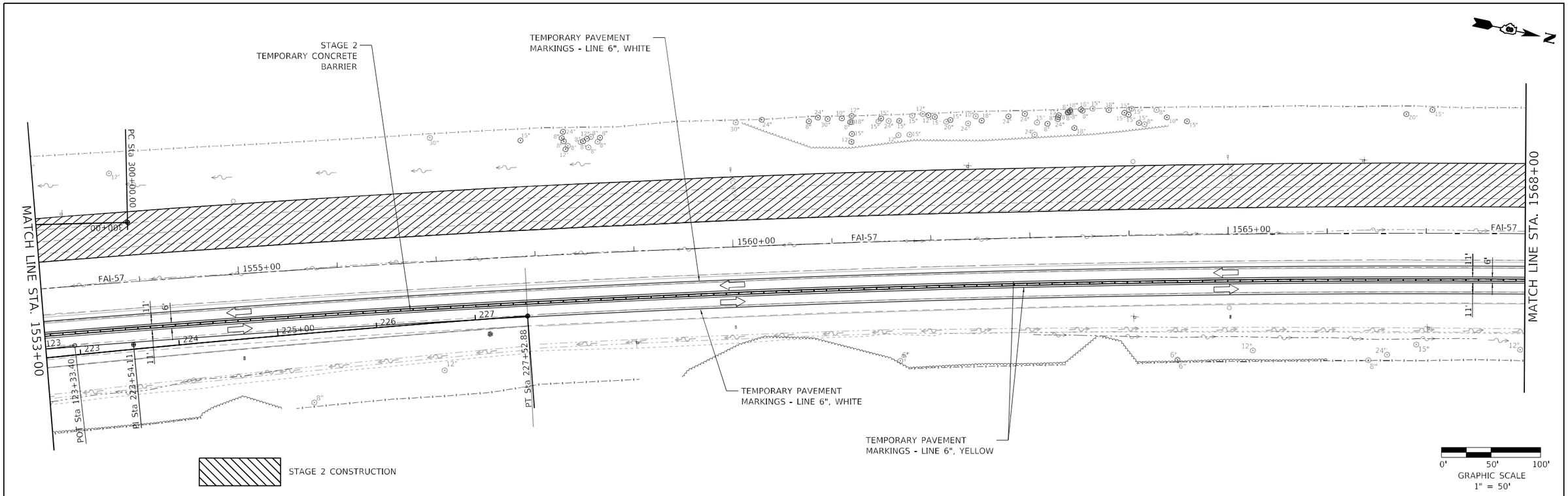
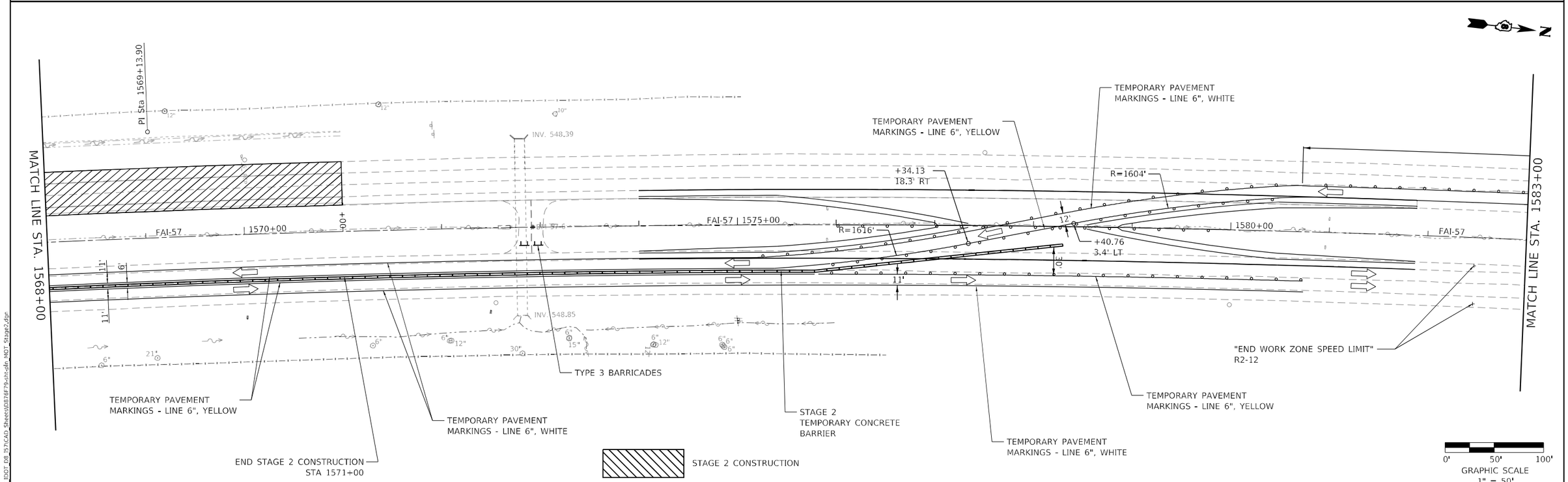
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 8 OF 10 SHEETS STA. 1523+00.00 TO STA. 1553+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	95
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHFP-KC9D(768)	





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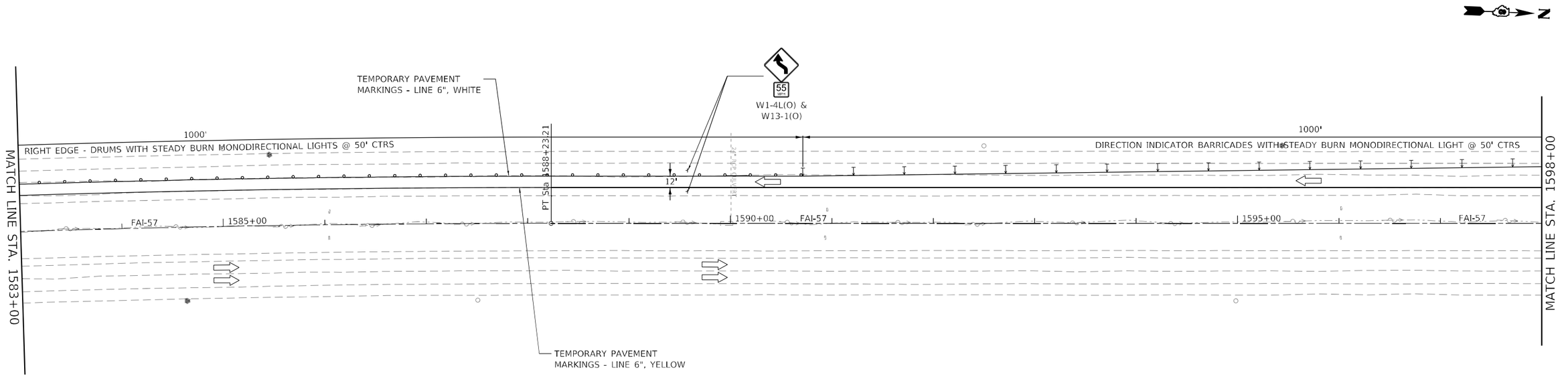
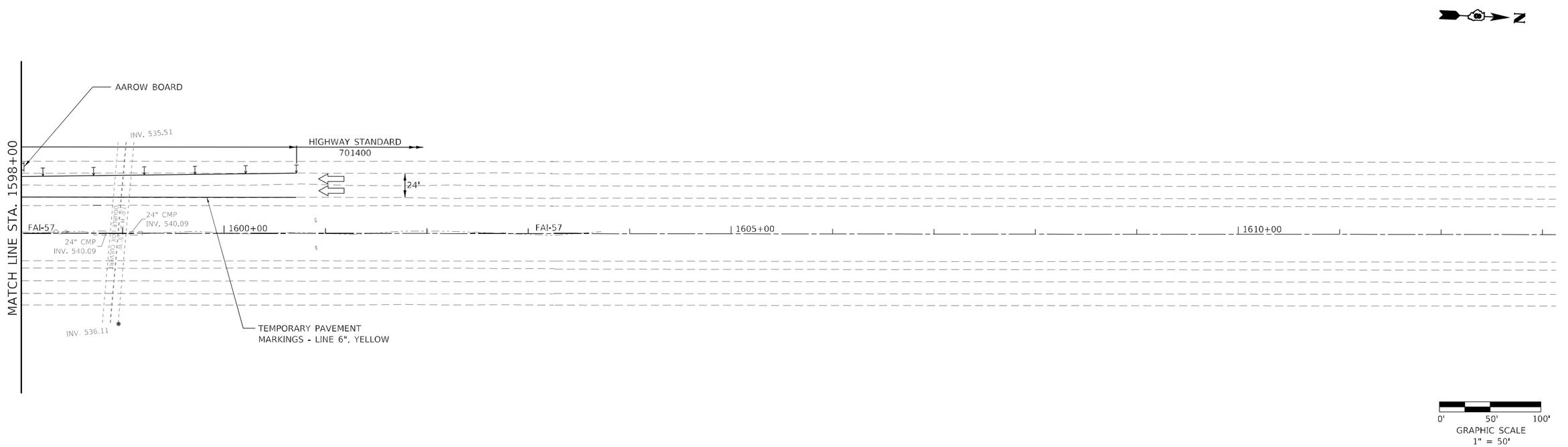
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 96
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 9 OF 10 SHEETS STA. 1553+00.00 TO STA. 1583+00.00		ILLINOIS FED. AID PROJECT	NHPP-KC9D(768)	





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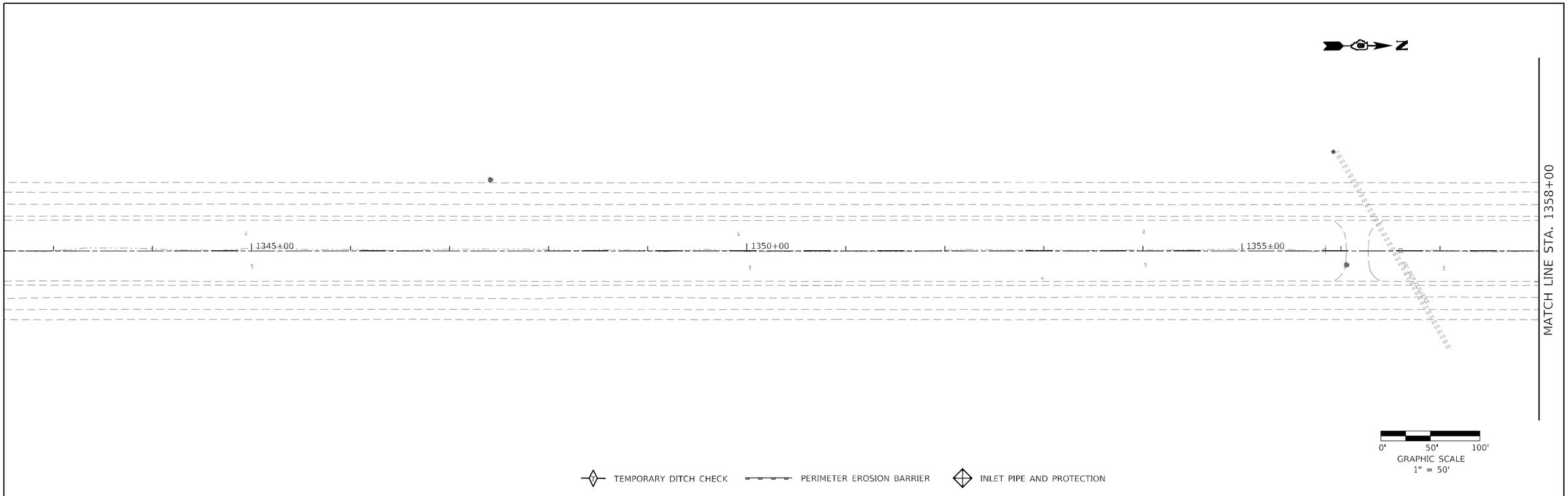
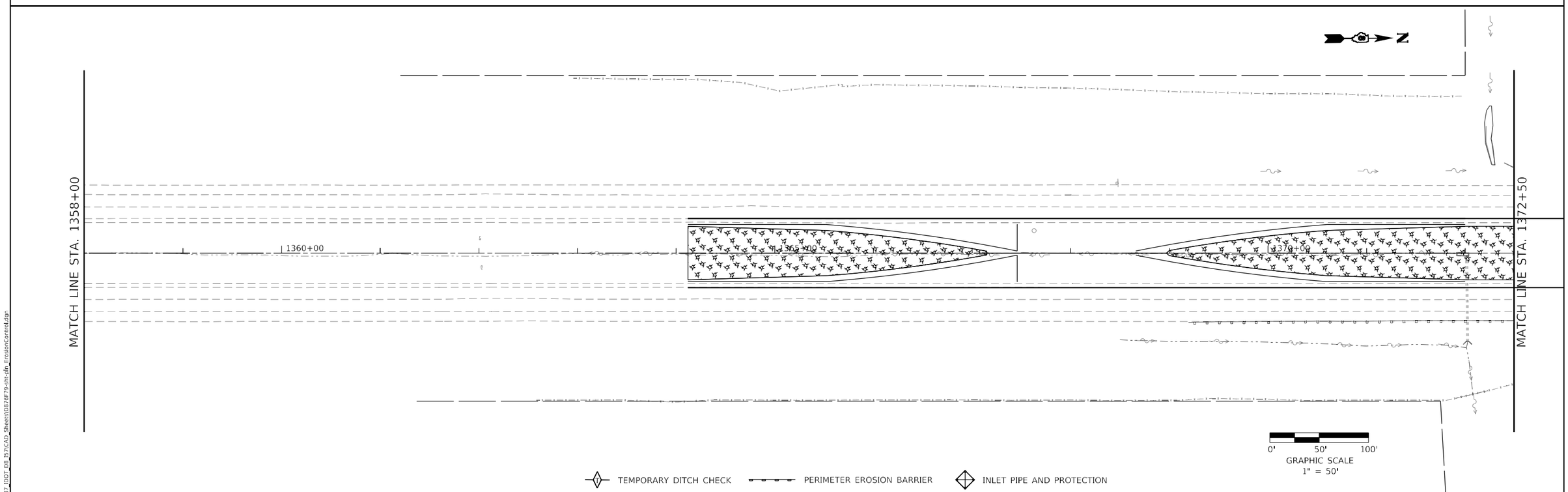
HMG Engineers • Surveyors HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 97
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' SHEET 10 OF 10 SHEETS STA. 1583+00.00 TO STA. 1612+00.00		ILLINOIS FED. AID PROJECT NHPP-KC9D(768)		





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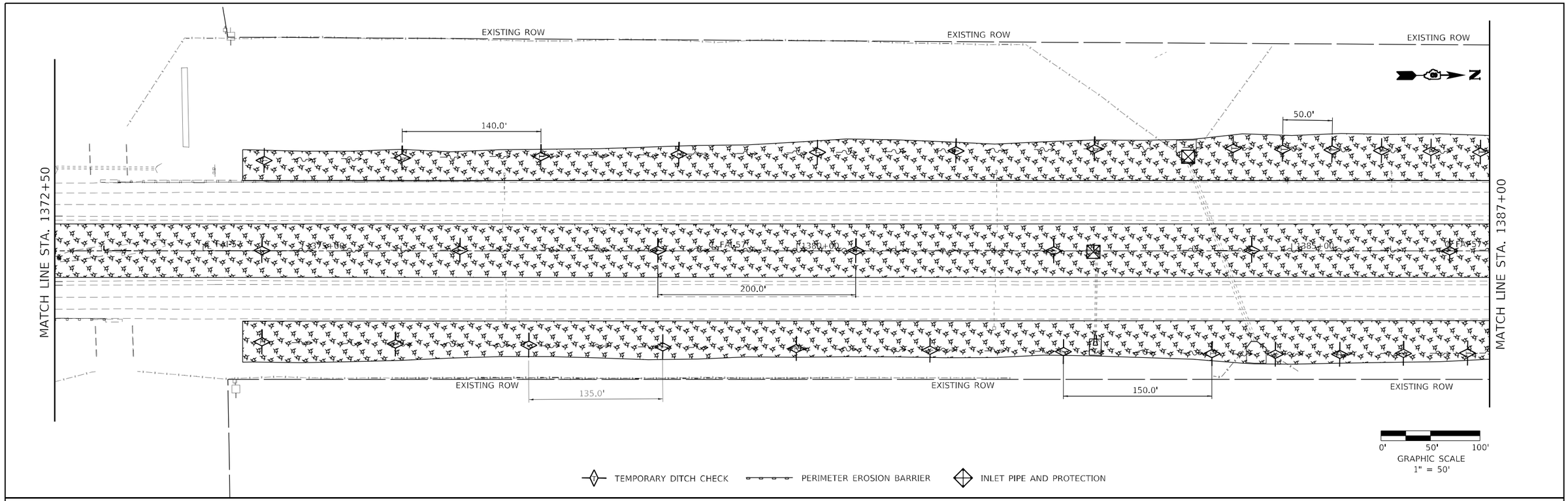
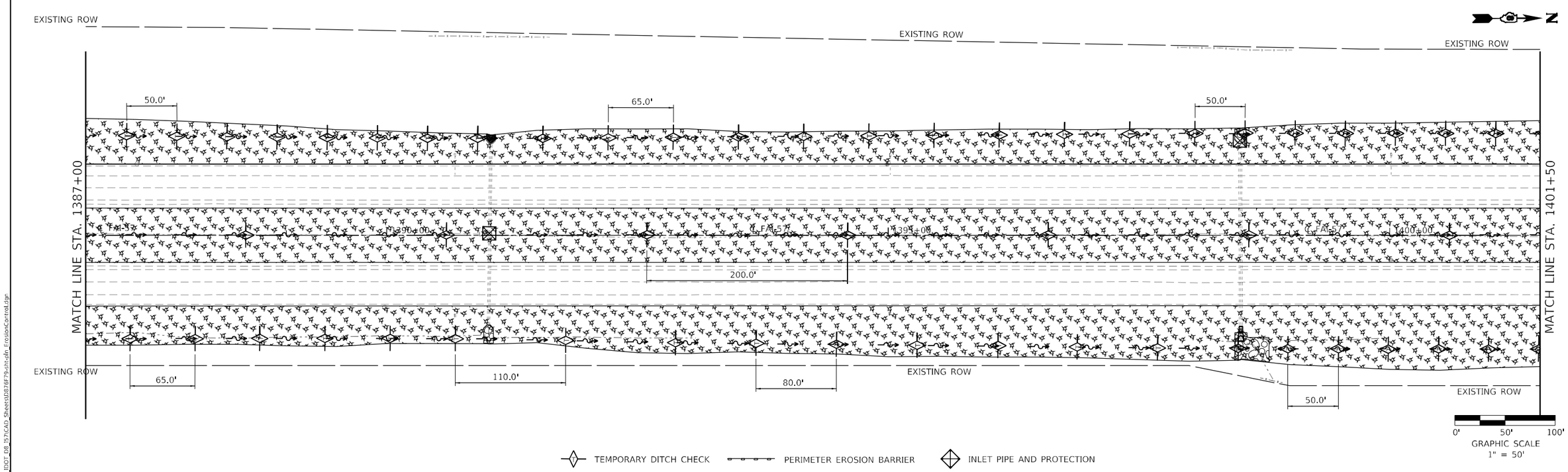
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 Engineers • Surveyors IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN FAI–57	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 98
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50' / SHEET 1 OF 12 SHEETS / STA. 1372+50 TO STA. 1401+50		ILLINOIS	FED. AID PROJECT	





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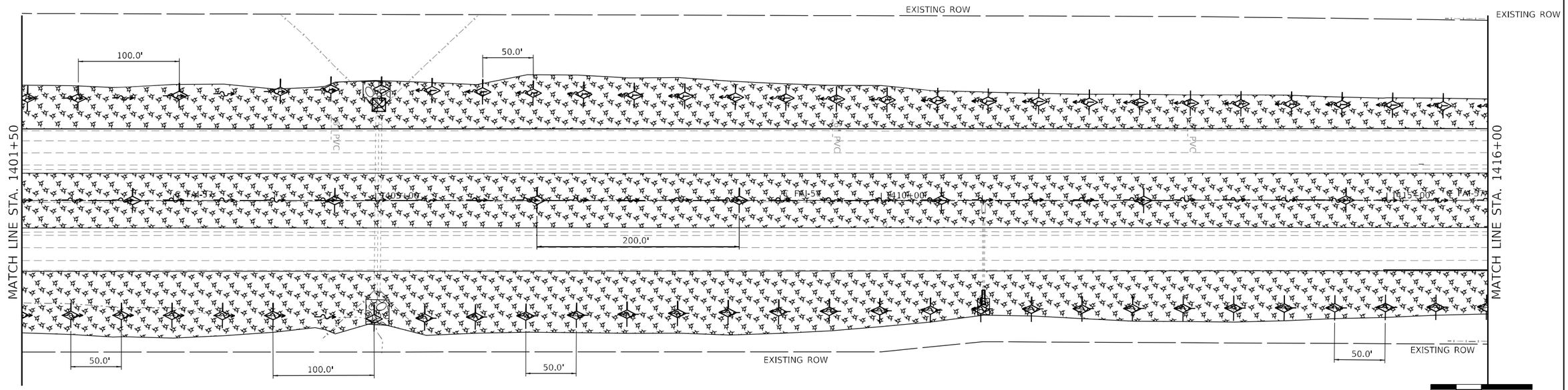
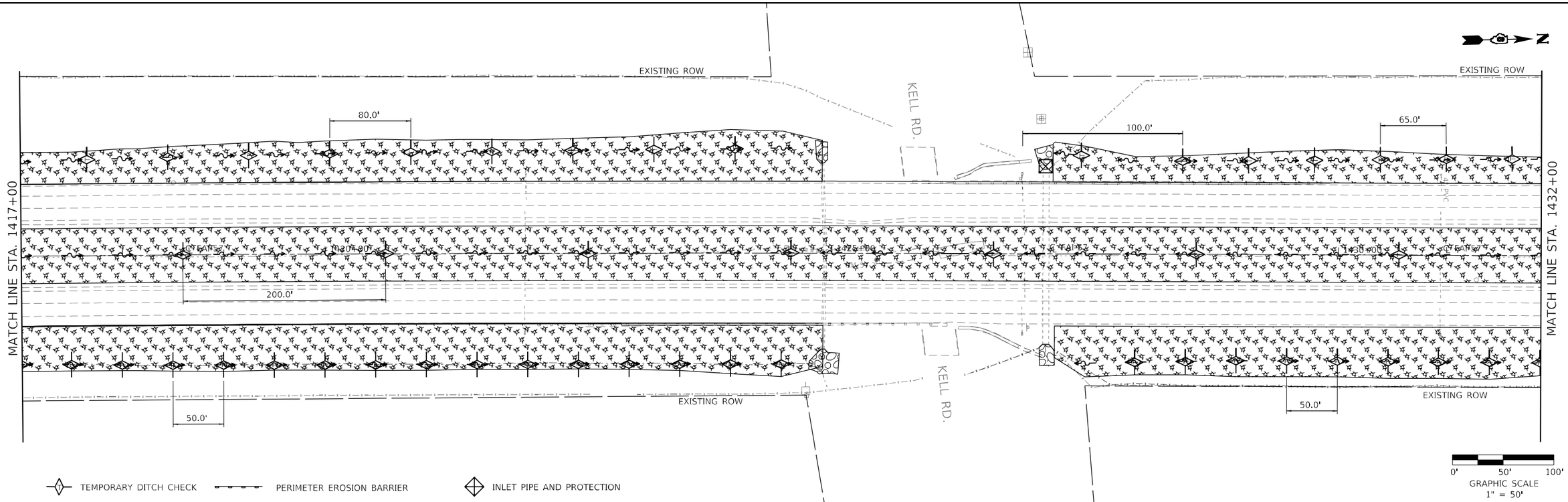
HMG Engineers • Surveyors HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN FAI–57			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -					57	61-(1,1-1,1-2,2)RS-1	MARION	484 / 99
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 76F79	
	PLOT DATE = 2/16/2022	DATE -	REVISED -		SCALE: 1" = 50'	SHEET 2 OF 12 SHEETS	STA. 1372+50 TO STA. 1401+50		ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)



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



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

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HMG
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
Engineers • Surveyors (618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 2/16/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
FAI–57

SCALE: 1" = 50' | SHEET 3 OF 12 SHEETS | STA. 1401+50 TO STA. 1432+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	61-(1,1-1,1-2,2)RS-1	MARION	484	100
		CONTRACT NO. 76F79		
	ILLINOIS	FED. AID PROJECT	NHPP-KC9D(768)	