

059

•• WILLIAMSON CO.
 COORDINATES--NADA 83 (1986) VALUES
 ELEVATIONS--NGVD 29 VALUES

••FRANKLIN CO.
 COORDINATES--NADA 83 (1997) VALUES
 ELEVATIONS--NGVD 88 VALUES

11-09-2018 LETTING ITEM 059

FOR INDEX OF SHEETS, SEE SHEET NO. 3

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 6-13

FOR STRUCTURAL PAVEMENT DESIGN
 INFORMATION, SEE SHEET NO.

TRAFFIC DATA

I-57: MP 59 TO 65

	2015	2018	2028
PV =	27,400	28,655	33,250
SU =	1,600	1,675	1,940
MU =	10,300	10,770	12,500
ADT =	39,300	41,100	47,690

TOWNSHIPS

HERRIN, DENNING

DESIGN DESIGNATION : 4425(28) INTERSTATE 10.79(FD-20)

COORDINATE SYSTEM : SEE ABOVE NOTE **

POSTED SPEED : 70 MPH

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811

PROJECT ENGINEER CHARLES STEIN (618)351-5210

PROJECT DESIGNER ELISE KNOP (618)351-5212

CONTRACT NO. 78363

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**PROPOSED
 HIGHWAY PLANS**

FAI ROUTE 57 (I-57)
 SECTION (X-4)R-2;(28-5-1,28-5)R-1
 PROJECT NHPP-03DZ(642)
 TIGER GRANT ADD LANE SAFETY PROJECT
 FRANKLIN /WILLIAMSON COUNTY

C-99-031-18

R2E



EQUATION:
 STA 289+22.60 BK
 (FRANKLIN CO) =
 STA 0+02.25 AH
 (WILLIAMSON CO)

PROJECT ENDS
 STA 178+13
 (WILLIAMSON CO)
 NORTHBOUND LANES
 STA 177+73
 (WILLIAMSON CO)
 SOUTHBOUND LANES

PROJECT BEGINS
 STA 236+35
 (FRANKLIN CO)



LOCATION MAP
 NOT TO SCALE



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	*	191	1

ILLINOIS CONTRACT NO. 78363
 **X-4)R-2;(28-5-1,28-5)R-1
 *FRANKLIN / WILLIAMSON

D-99-17-18

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED August 8 2018

Jeffrey Z. Kamm
 REGION FIVE ENGINEER

Oct 5 2018
Scott A. Etkin
 ENGINEER OF DESIGN AND ENVIRONMENT

Oct 5 2018
Paul P. Chif
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

SOUTHBOUND - GROSS LENGTH = 23,060 FT. = 4.368 MILE
 NET LENGTH = 23,060 FT. = 4.368 MILE

NORTHBOUND - GROSS LENGTH = 23,100 FT. = 4.375 MILE
 NET LENGTH = 23,100 FT. = 4.375 MILE

EQ. STA 289+22.60 BK (FRANKLIN CO) =
 STA 0+02.25 AH (WILLIAMSON CO)

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

Prepared By:

DISTRICT STUDIES & PLANS ENGINEER

Examined By:

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DISTRICT LAND ACQUISITION ENGINEER

Examined By:

Carrie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By:

Karl Kelly
DISTRICT OPERATIONS ENGINEER

Examined By:

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DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:

Daryl J. DeFuria
DISTRICT CONSTRUCTION ENGINEER

Examined By:

[Signature]
DISTRICT MATERIALS ENGINEER

FILE NAME *	USER NAME = knopen	DESIGNED - SLD	REVISED -
pw\\11.684EB10INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 9\Projects\78363\BRAD\CA\shes\502-005-0978363-shc		CHECKED - SLD	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DATE - XX/XX/XX	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: N.T.S.	SHEET 1	OF 2 SHEETS	STA.	TO STA.	F.A.I. RTE. 57	SECTION **	COUNTY *	TOTAL SHEETS 191	SHEET NO. 2	CONTRACT NO. 78363
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INDEX OF SHEETS

HIGHWAY STANDARDS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, MTD TABLE
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5	MIX DESIGN
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93-96	DISTRICT DETAIL
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000001-06_STANDARDSYMBOLSABBREVIATIONS&PATTERNS	635001-02_DELINEATORS
001006_DECIMALOF INCH&FOOT	636001-02_CABLERDGRD-SINGLESTRAND
202001-01_EARTHMEDDITCHCHECK	642001-02_SHOULDERRUMBLESTRIP16IN
280001-07_TEMPEROSIONCNTRLSYSTEMS	701101-05_OFFRDOP-MULTILN-LESSTHAN15FTTOEOP
482001-02_HMASHLDADJTOFLEXPVMT	701106-02_OFFRDOP-MULTILN-MORETHAN15FTAWAY
542301-03_PRECASTREINFCNCLARENDENDSECT	701400-09_APPRCHTOLNCLOSURE-FRWAYEXPWAY
542311-07_TRAVERSABLEPIPEGRATEFORCONCRETEENDSECTION	701401-11_LNCLOSUREFRWAYEXPWAY
542511-02_INLETBOXTYPEC24IN	701402-12_LNCLOSUREFRWAYEXPWAYWITHBARRIER
542546-01_FLUSHINLETBOXFORMEDIAN	701411-09_LNCLOSUREMULTILN-ENTROREXITRAMP45MPHORMORE
542606-02_RCPPIPETEE	701426-09_LNCLOSUREMULTILN-INTERMITTANTORMOVINGOP45MPHORMORE
601001-05_PIPEUNDERDRAINS	701428-01_TRAFFICCONTROLSETUPREMOVALFREEWAYEXPRESSWAY
601101-02_CONCHDWFORPIPEUNDERDRAINS	701901-07_TRAFCNTRLDEVICES
602401-04_PRECASTMANHOLE-TYPEA4FTDIA	704001-08_TEMPCONCBARRIER
602601-05_PRECASTREINFCNCLATSLABTOP	720001-01_SIGNPANELMOUNTDETAILS
630001-12_STEELPLATEBEAMGRDRAIL	720006-04_SIGNPANELERECTDETAILS
630201-07_PCC-BITSTB@STEELPLATEBEAMGRDRAIL	725001-01_OBJECTANDTERMINALMARKERS
630301-08_SHLDWIDENFORTYPE1GRDRAILTERMS	780001-05_TYPICALPVMTRKINGS
631011-10_TRAFBARTERMTYPE2	781001-04_TYPICALAPPRAISEDREFLCPVMTMRKRS
631026-06_TRAFBARTERMTYPE5	782006_GUARDRAILLANDBARRIERWALLREFLECTORMOUNTINGDETAILS
631031-15_TRAFBARTERMTYPE6	
631033-07_TRAFBARTERMTYPE6B	

MTD CROSSING RESTRICTIONS TABLE

STRUCTURE NUMBER ROUTE (I-57)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
SN 028-7095	4.5		None
SN 028-7094	5		None
SN 028-7093	6		None
SN 028-7092	7		None
SN 100-7100	31.5		None
SN 100-7090	3.7		None
SN 100-7089	2.8		None
SN 100-7124	2.1		None
SN 100-7088	2.6		None
SN 100-7087	3.5		None
SN 100-7086	15.4		None

OVERHEAD AERIAL ELECTRIC

ROUTE	COUNTY	STATION	OFFSET	OWNER OF UTILITY	POTENTIAL CONFLICT	DESCRIPTION
FAI 57	FRANKLIN	240+26.80	CENTERLINE	AMEREN ILLINOIS	VERTICAL CLEARANCE	UTILITY CROSSING
FAI 57	FRANKLIN	288+99.07	CENTERLINE	AMEREN ILLINOIS	VERTICAL CLEARANCE	UTILITY CROSSING
FAI 57	WILLIAMSON	80+22.65	CENTERLINE	AMEREN ILLINOIS	VERTICAL CLEARANCE	UTILITY CROSSING
FAI 57	WILLIAMSON	83+14.61	CENTERLINE	AMEREN ILLINOIS	VERTICAL CLEARANCE	UTILITY CROSSING
FAI 57	WILLIAMSON	135+42.64	CENTERLINE	AMEREN ILLINOIS	VERTICAL CLEARANCE	UTILITY CROSSING
FAI 57	WILLIAMSON	155+49.49	CENTERLINE	AMEREN ILLINOIS	VERTICAL CLEARANCE	UTILITY CROSSING

GENERAL NOTES

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

ALL HOT MIX ASPHALT	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
RIPRAP	1.50 TONS/CU. YD.
EARTH	110 LBS/CU. FT.
LIME	2% WEIGHT OF EARTH

THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

THE THICKNESS OF HOT MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT MIX ASPHALT MIXTURE IS PLACED.

TRENCH BACKFILL SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT PAVEMENT OR HOT MIX ASPHALT SHOULDER JOINS AN EXISTING HOT MIX ASPHALT PAVEMENT OR HOT MIX ASPHALT SHOULDER, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON THE OUTSIDE EDGE OF THE OUTSIDE LANE AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.

AFTER A LIFT OF HOT MIX ASPHALT HAS BEEN PLACED, THE LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150 DEGREES FAHRENHEIT

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

REMOVAL OF ABANDONED UTILITIES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION

COMMITMENTS: NONE

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EB\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 9\Projects\78363\CADData\CADsheets\0024015-DRAWN-hi-genote.dgn	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -					57	**	*	191	4
Default	PLOT DATE = 8/16/2018	DATE -	REVISED -					CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	
								SCALE:	SHEET	OF	SHEETS	STA.

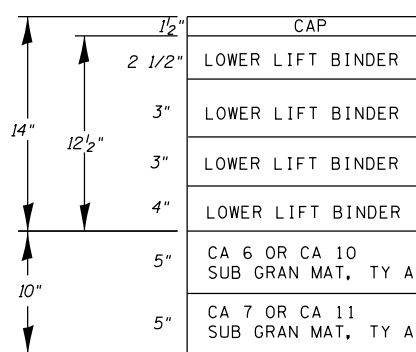
MIXTURES REQUIREMENTS

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix E, N90
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	E Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	PFP – Full-Depth Pavement PFP – Tons
Sublot Size:	TBD

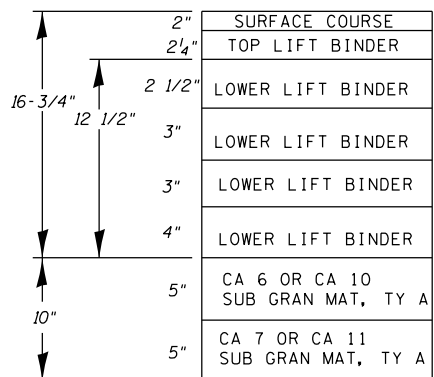
Locations	Hot-Mix Asphalt Binder Course (Top Lift)
Mixture Use(s):	Polymerized Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	PFP – Full-Depth Pavement
Sublot Size:	850 TONS

Locations	Hot-Mix Asphalt Binder Course (Lower Lifts) Hot-Mix Asphalt Shoulders (Lower Lifts)
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	PFP – Full Depth Pavement QCQA – HMA Shoulders
Sublot Size:	TBD

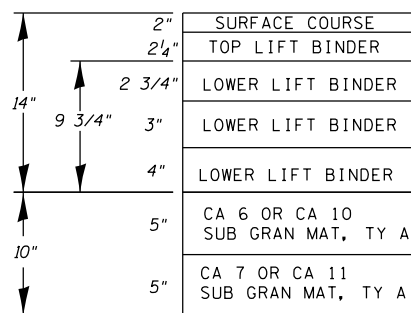
Locations	Hot-Mix Asphalt Shoulders (Top Lift)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	C Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA



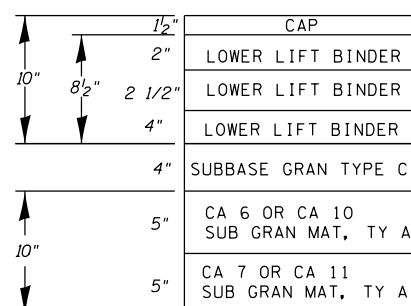
I-57 OUTSIDE SHOULDERS



I-57 REPLACEMENT PAVEMENT



I-57 ADD LANE PAVEMENT



I-57 INSIDE SHOULDERS

SUMMARY OF QUANTITIES

COUNTY:	COUNTY:	Williamson	Franklin
ROUTE:	ROUTE:	FAI 57	FAI 57
FUNDING:	FUNDING:	58% FED / 42% STATE	58% FED / 42% STATE
LOCATION:	LOCATION:	RURAL	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	
				0003	0003
20200100	EARTH EXCAVATION	CU YD	25,338	19,832	5,506
20400800	FURNISHED EXCAVATION	CU YD	12,873	10,238	2,635
20800150	TRENCH BACKFILL	CU YD	637	407	230
25000210	SEEDING, CLASS 2A	ACRE	18.25	13.75	4.5
25000350	SEEDING, CLASS 7	ACRE	18.25	13.75	4.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,643	1,238	405
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,643	1,238	405
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,643	1,238	405
25000700	AGRICULTURAL GROUND LIMESTONE	TON	37	28	9
25000750	MOWING	ACRE	21.25	16.75	4.50
25100115	MULCH, METHOD 2	ACRE	18.25	13.75	4.50
25100630	EROSION CONTROL BLANKET	SQ YD	28,160	22,912	5,248
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,784	1,375	409

REV. - MS

SUMMARY OF QUANTITIES - CONT

COUNTY:	COUNTY:	Williamson	Franklin
ROUTE:	ROUTE:	FAI 57	FAI 57
FUNDING:	FUNDING:	58% FED / 42% STATE	58% FED / 42% STATE
LOCATION:	LOCATION:	RURAL	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003	ROADWAY 0003
28000305	TEMPORARY DITCH CHECKS	FOOT	1,732	1,392	340
28000400	PERIMETER EROSION BARRIER	FOOT	2,700	2,149	551
28000500	INLET AND PIPE PROTECTION	EACH	33	24	9
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	72	72	0
28200200	FILTER FABRIC	SQ YD	72	72	0
30201500	LIME	TON	408	314	94
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	522	344	178
31100900	SUBBASE GRANULAR MATERIAL, TYPE A 10"	SQ YD	131,262	103,134	28,128
31102000	SUBBASE GRANULAR MATERIAL, TYPE C	CU YD	6,486	5,067	1,419
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	41,642	32,072	9,570
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	50,288	40,394	9,894
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	12,516	10,054	2,462
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	29,340	23,673	5,667

REV. - MS

SUMMARY OF QUANTITIES - CONT

COUNTY:	COUNTY:	Williamson	Franklin
ROUTE:	ROUTE:	FAI 57	FAI 57
FUNDING:	FUNDING:	58% FED / 42% STATE	58% FED / 42% STATE
LOCATION:	LOCATION:	RURAL	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	
				0003	0003
40700200	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	28,166	22,498	5,668
40701961	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"	SQ YD	57,361	44,767	12,594
40702016	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 16 3/4"	SQ YD	5,227	5,227	0
44000100	PAVEMENT REMOVAL	SQ YD	6,119	5,970	149
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	119,546	97,559	21,987
44004250	PAVED SHOULDER REMOVAL	SQ YD	31,831	24,346	7,485
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	522	344	178
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	57,575	44,981	12,594
48203053	HOT-MIX ASPHALT SHOULDERS, 14"	SQ YD	3,088	1,900	1,188
50105220	PIPE CULVERT REMOVAL	FOOT	116	94	22
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	939	776	163
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	35	12	23
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1	0

REV. - MS

SUMMARY OF QUANTITIES - CONT

COUNTY:	COUNTY:	Williamson	Franklin
ROUTE:	ROUTE:	FAI 57	FAI 57
FUNDING:	FUNDING:	58% FED / 42% STATE	58% FED / 42% STATE
LOCATION:	LOCATION:	RURAL	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY
				0003	0003
54217680	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 24" RISER	EACH	6	6	0
54217777	REINFORCED CONCRETE PIPE TEE, 78" PIPE WITH 24" RISER	EACH	1	0	1
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	21	16	5
54245205	INLET BOX, STANDARD 542511	EACH	6	4	2
54248510	CONCRETE COLLAR	CU YD	22	14	8
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	77	61	16
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	2,425	1,885	540
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	44,600	35,405	9,195
60260100	INLETS TO BE ADJUSTED	EACH	1	1	0
60500050	REMOVING CATCH BASINS	EACH	2	0	2
60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	30	24	6
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,250	2,250	0
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5	5	0

* SPECIALTY ITEM

REV. - MS

SUMMARY OF QUANTITIES - CONT

COUNTY:	COUNTY:	Williamson	Franklin
ROUTE:	ROUTE:	FAI 57	FAI 57
FUNDING:	FUNDING:	58% FED / 42% STATE	58% FED / 4% STATE
LOCATION:	LOCATION:	RURAL	RURAL
		ROADWAY	ROADWAY
		0003	0003

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0003	0003
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1	1	0
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1	1	0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	5	5	0
63200310	GUARDRAIL REMOVAL	FOOT	1,636	1,636	0
63500105	DELINEATORS	EACH	127	98	29
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	45,905	35,391	10,514
* 64401100	HIGH TENSION CABLE MEDIAN BARRIER	FOOT	21,636	17,227	4,409
* 64401200	HIGH TENSION CABLE MEDIAN BARRIER DEMONSTRATION	EACH	1	1	0
* 64401300	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	EACH	14	10	4
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	530	530	0
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1	0
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	15	3

* SPECIALTY ITEM

REV. - MS

SUMMARY OF QUANTITIES - CONT

COUNTY:	COUNTY:	Williamson	Franklin
ROUTE:	ROUTE:	FAI 57	FAI 57
FUNDING:	FUNDING:	58% FED / 42% STATE	58% FED / 4% STATE
LOCATION:	LOCATION:	RURAL	RURAL
		ROADWAY	ROADWAY
		0003	0003

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003	ROADWAY 0003
67100100	MOBILIZATION	LSUM	1.0	0.8	0.2
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60	50	10
70200100	NIGHTTIME WORK ZONE LIGHTING	LSUM	1.0	0.8	0.2
* 72000100	SIGN PANEL - TYPE 1	SQ FT	365	260	105
* 72000200	SIGN PANEL - TYPE 2	SQ FT	172	100	72
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	0
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	0
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	5	5	0
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	568	448	120
* 73000100	WOOD SIGN SUPPORT	FOOT	171	76	95
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	420	336	84
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	90,053	71,163	18,890
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	22,214	17,791	4,423

* SPECIALTY ITEM

REV. - MS

SUMMARY OF QUANTITIES - CONT

COUNTY:	Williamson	Franklin
ROUTE:	FAI 57	FAI 57
FUNDING:	58% FED / 42% STATE	58% FED / 42% STATE
LOCATION:	RURAL ROADWAY 0003	RURAL ROADWAY 0003

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	Williamson	Franklin
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	83	0	83
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,880	0	2,880
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	300	0	300
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	613	0	613
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2,251	1,779	472
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	75	75	0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	548	445	103
K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	8	8	0
X0322278	RODENT SHIELDS	EACH	94	78	16
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	35,494	27,878	7,616
X1900007	SEEDING, CLASS 5C	ACRE	1.5	1.5	0
X6330900	VERTICAL ADJUSTMENT OF GUARDRAIL	FOOT	1,256	1,256	0
X6350120	DELINEATOR REMOVAL	EACH	127	99	28

* SPECIALTY ITEM

REV. - MS

SUMMARY OF QUANTITIES - CONT

COUNTY:	Williamson	Franklin
ROUTE:	FAI 57	FAI 57
FUNDING:	58% FED / 42% STATE	58% FED / 42% STATE
LOCATION:	RURAL	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003	ROADWAY 0003
X6431120	REMOVE IMPACT ATTENUATOR SAND MODULE	EACH	4	4	0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1.0	0.8	0.2
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	90,053	71,163	18,890
* X7830072	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	22,214	17,791	4,423
Z0034105	MATERIAL TRANSFER DEVICE	TON	62,390	50,054	12,336
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	48,566	37,313	11,253
* Z0054500	ROCK FILL	TON	3,720	3,720	0
X0327995	SHOULDER RUMBLE STRIPS, 6 INCH	FOOT	21,596	16,873	4,723
∅ Z0076600	TRAINEES	HOUR	500	500	
X0100020	EARTH EXCAVATION (UNSUITABLE MATERIAL)	CU YD	2,482	2,482	0
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	

* SPECIALTY ITEM

∅ 0042

REV. - MS

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\1\084EBID\INTEG.illnotes.gov\PWIDOT\Documents\DOT\Offices\District 9\Projects\78363\CADDData\CAD\sheet\1006-011\000001-shi-SOQ.dgn		RECHECKED -	REVISED -			57	**	*	191	13
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -				CONTRACT NO. 78363				
Default	PLOT DATE = 8/16/2018	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

TYPICAL SECTION - 12' LANE AND SHOULDER (FRANKLIN CO)

NORTHBOUND:
STA. 242+00 - STA. 289+22.60 (FRANKLIN CO)

SOUTHBOUND:
STA. 242+00 - STA. 289+22.60 (FRANKLIN CO)

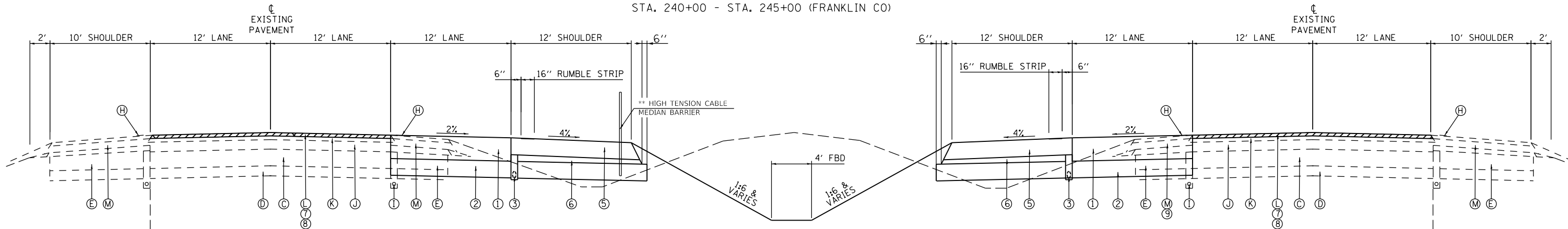
MILL AND OVERLAY
STA. 248+00 (FRANKLIN CO) - STA. 289+22.60 (FRANKLIN CO)

STATION EQUATION
STA. 289+22.60 BK (FRANKLIN CO) = STA. 0+02.25 AH (WILLIAMSON CO)

FAI RTE 57
NORTHBOUND LANES
FRANKLIN COUNTY
(LOOKING IN DIRECTION OF STATIONING)

FAI RTE 57
SOUTHBOUND LANES
FRANKLIN COUNTY
(LOOKING IN DIRECTION OF STATIONING & TRAVEL)

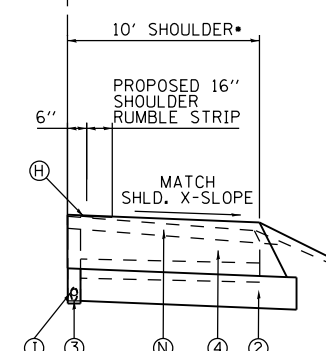
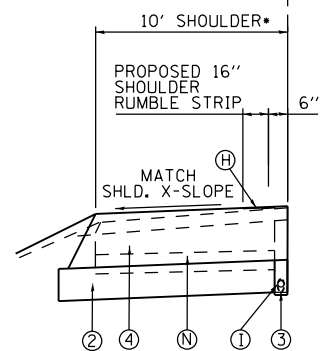
*SHOULDER WIDTH VARIES NORTHBOUND & SOUTHBOUND
STA. 240+00 - STA. 245+00 (FRANKLIN CO)



TYPICAL SECTION - 10' SHOULDER

NORTHBOUND:
STA. 236+35 - STA. 241+80 (FRANKLIN CO)

SOUTHBOUND:
STA. 236+60 - STA. 241+84 (FRANKLIN CO)



*SAWCUT SHOULDER 1' INSIDE OF EXISTING GUARDRAIL
(SEE TYPICAL SECTION - PROPOSED FULL DEPTH SHOULDER ADJACENT TO EXISTING GUARDRAIL)

** SEE GUARDRAIL SCHEDULE FOR LOCATIONS OF HIGH TENSION CABLE MEDIAN BARRIER

NOTES

1. HMA INLAY ON THE TWO EXISTING LANES ARE NOT SHOWN ON CROSS SECTIONS OR ON PLAN AND PROFILE SHEETS.

PROPOSED

- ① HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 14"
- ② SUBBASE GRANULAR MATERIAL, TYPE A 10" THICK
- ③ PIPE UNDERDRAINS 4"
- ④ HOT-MIX ASPHALT SHOULDERS 14"
- ⑤ HOT-MIX ASPHALT SHOULDERS 10"
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE C
- ⑦ HOT-MIX ASPHALT REMOVAL 2"
- ⑧ POLY HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90 -- 2"
- ⑨ PAVED SHOULDER REMOVAL

LEGEND

EXISTING

- Ⓒ EXISTING RUBBLIZED PAVEMENT, 10"
- Ⓓ EXISTING AGGREGATE SUBBASE 6"
- Ⓔ EXISTING BITUMINOUS SHOULDER 13" AVERAGE THICKNESS
- Ⓕ EXISTING SHOULDER RUMBLE STRIP
- Ⓖ PIPE UNDERDRAIN REMOVAL
- Ⓙ EXISTING HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, 5 3/4 "
- Ⓚ EXISTING POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 1/4 "
- Ⓛ EXISTING POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 2"
- Ⓜ EXISTING HOT-MIX ASPHALT SHOULDERS, 6"; 2" TOP LIFT; 4" BOTTOM LIFT
- Ⓝ EXISTING HOT-MIX ASPHALT SHOULDER 9" AVERAGE THICKNESS

PAVEMENT STRUCTURE DESIGN

STRUCTURAL DESIGN TRAFFIC;		YEAR 2028
PV = 36,770	SU = 1,700	MU = 10,680
ROAD/STREET CLASSIFICATION		CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE;		
P = 20	S = 40	M = 40
TRAFFIC FACTOR	ACTUAL TF = 10.79	
	MANUAL TF = NA	
PG GRADE:	TOP LIFT BINDER = 76-22	SURFACE = 76-22
	LOWER LIFT BINDER = 64-22	

TYPICAL SECTION - 12' LANE AND SHOULDER (WILLIAMSON CO)

NORTHBOUND:
 STA. 0+02.25 - STA. 79+50 (WILLIAMSON CO)
 STA. 83+70 - STA. 163+40 (WILLIAMSON CO)
 STA. 168+30 - STA. 169+30 (WILLIAMSON CO)

SOUTHBOUND:
 STA. 0+02.25 - STA. 79+10 (WILLIAMSON CO)
 STA. 84+50 - STA. 163+40 (WILLIAMSON CO)

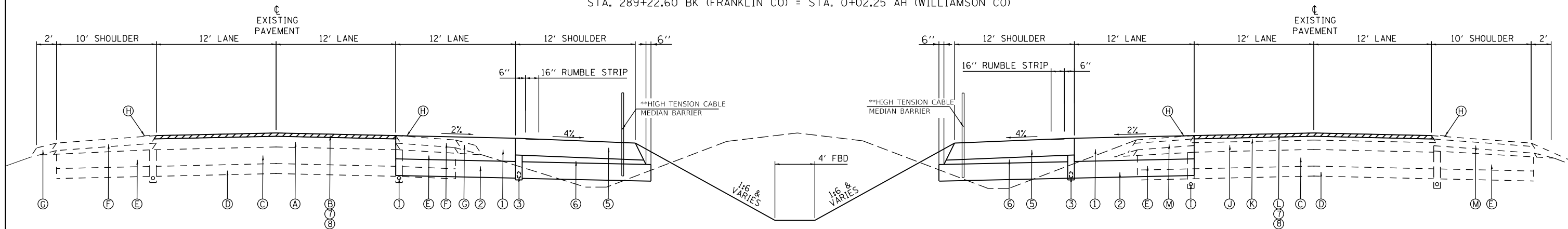
FAI RTE 57
 NORTHBOUND LANES
 WILLIAMSON COUNTY
 (LOOKING IN DIRECTION OF STATIONING)

MILL AND OVERLAY
 NB--STA. 00+02.25 (WILLIAMSON CO) - STA. 169+30 (WILLIAMSON CO)
 SB--STA. 00+02.25 (WILLIAMSON CO) - STA. 166+50 (WILLIAMSON CO)

FAI RTE 57
 SOUTHBOUND LANES
 WILLIAMSON COUNTY
 (LOOKING IN DIRECTION OF STATIONING & TRAVEL)

STATION EQUATION

STA. 289+22.60 BK (FRANKLIN CO) = STA. 0+02.25 AH (WILLIAMSON CO)



** SEE GUARDRAIL SCHEDULE FOR LOCATIONS OF HIGH TENSION CABLE MEDIAN BARRIER

LEGEND

EXISTING

- (A) EXISTING POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N105, IL-19.0 6 1/2 "
- (B) EXISTING POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX E, N105 2"
- (C) EXISTING RUBBLIZED PAVEMENT, 10"
- (D) EXISTING AGGREGATE SUBBASE 6"
- (E) EXISTING BITUMINOUS SHOULDER 13" AVERAGE THICKNESS
- (F) EXISTING BITUMINOUS SHOULDER SUPERPAVE 4 1/2 "
- (G) EXISTING AGGREGATE SHOULDER TYPE B (SPECIAL) 4 1/2 "
- (H) EXISTING SHOULDER RUMBLE STRIP
- (I) PIPE UNDERDRAIN REMOVAL
- (J) EXISTING HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, 5 3/4 "
- (K) EXISTING POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 1/4 "
- (L) EXISTING POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 2"
- (M) EXISTING HOT-MIX ASPHALT SHOULDERS, 6"; 2" TOP LIFT; 4" BOTTOM LIFT
- (N) EXISTING HOT-MIX ASPHALT SHOULDER 9" AVERAGE THICKNESS

PROPOSED

- (1) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 14"
- (2) SUBBASE GRANULAR MATERIAL, TYPE A 10" THICK
- (3) PIPE UNDERDRAINS 4"
- (4) HOT-MIX ASPHALT SHOULDERS 14"
- (5) HOT-MIX ASPHALT SHOULDERS 10"
- (6) SUBBASE GRANULAR MATERIAL, TYPE C
- (7) HOT-MIX ASPHALT REMOVAL 2"
- (8) POLY HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90 -- 2"

NOTES

1. HMA INLAY ON THE TWO EXISTING LANES ARE NOT SHOWN ON CROSS SECTIONS OR ON PLAN AND PROFILE SHEETS.

PAVEMENT STRUCTURE DESIGN

STRUCTURAL DESIGN TRAFFIC;		YEAR 2028	
PV = 36,770	SU = 1,700	MU = 10,680	
ROAD/STREET CLASSIFICATION		CLASS 1	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 20	S = 40	M = 40	
TRAFFIC FACTOR		ACTUAL TF = 10.79	
		MANUAL TF = NA	
PG GRADE;		TOP LIFT BINDER = 76-22	SURFACE = 76-22
		LOWER LIFT BINDER=64-22	

FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
pw:\IL\084EBID\INTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78363\DRAWING\CAB\sheet\MSK14-018-0978363-sht-2.dwg		DRAWN - MSK	REVISED -
PLOT SCALE = 10.0000 " / in.	CHECKED - SLD	DATE - 11/26/13	REVISED -
PLOT DATE = 8/16/2018			

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION SHEETS

SCALE: N.T.S. SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. 57	SECTION (X1-4)R-2;(28-5-1,28-5)R-1	COUNTY FRANKLIN/WILLIAMSON	TOTAL SHEETS 191	SHEET NO. 15
			CONTRACT NO. 78363	
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION - MILL AND OVERLAY

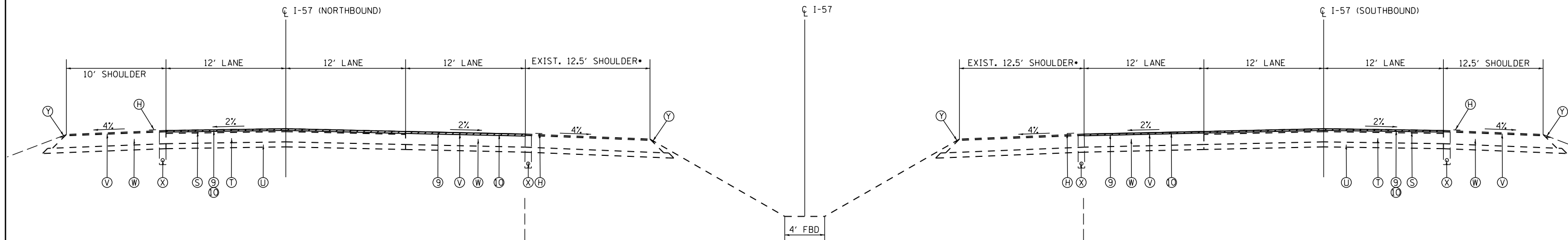
NORTHBOUND (WILLIAMSON CO):
STA. 169+30 - STA. 178+13

SOUTHBOUND (WILLIAMSON CO):
STA. 168+30 - STA. 177+73

FAI RTE 57
NORTHBOUND LANES
FRANKLIN & WILLIAMSON COUNTIES
(LOOKING IN DIRECTION OF STATIONING)

• EXIST. SHOULDER WIDTH VARIES
STA. 169+30 - STA. 169+50 (NORTHBOUND)
STA. 166+50 - STA. 167+90 (SOUTHBOUND)

FAI RTE 57
SOUTHBOUND LANES
FRANKLIN & WILLIAMSON COUNTIES
(LOOKING IN DIRECTION OF STATIONING & TRAVEL)



LEGEND

EXISTING

- Ⓜ EXISTING SHOULDER RUMBLE STRIP
- Ⓢ EXISTING HOT-MIX ASPHALT SURFACE, 5 3/4"
- Ⓣ EXISTING PCC PAVEMENT, 10"
- Ⓤ EXISTING AGGREGATE SUB-BASE, 6"
- Ⓥ EXISTING HOT-MIX ASPHALT SURFACE, 1 1/2"
- Ⓦ EXISTING HOT-MIX ASPHALT PAVEMENT, 14 1/4"
- Ⓧ EXISTING PIPE UNDERDRAINS, 4"
- Ⓨ EXISTING AGGREGATE SHOULDERS

PROPOSED

- ② SUBBASE GRANULAR MATERIAL, TYPE A 10" THICK
- ③ PIPE UNDERDRAINS 4"
- ⑤ HOT-MIX ASPHALT SHOULDER 10"
- ⑧ SUBBASE GRANULAR MATERIAL, TYPE C
- ⑨ HOT-MIX ASPHALT REMOVAL 2"
- ⑩ POLY HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90 -- 2"

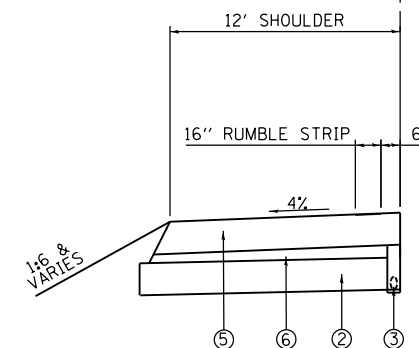
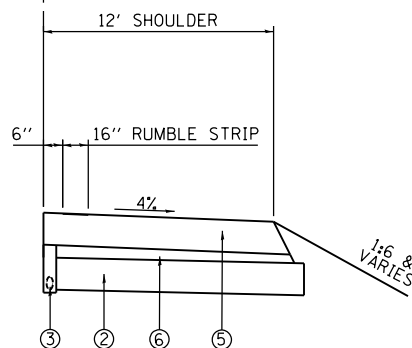
NOTES

1. EXISTING PIPE UNDERDRAINS, OUTLET PIPES, AND HEADWALLS TO BE REMOVED.
2. HMA INLAY ON THE TWO EXISTING LANES ARE NOT SHOWN ON THE CROSS SECTIONS OR PLAN AND PROFILE SHEETS.

TYPICAL SECTION - 12' SHOULDER

NORTHBOUND (WILLIAMSON CO):
STA. 169+30 - STA. 169+50

SOUTHBOUND (WILLIAMSON CO):
STA. 166+50 - STA. 167+90



PAVEMENT STRUCTURE DESIGN

STRUCTURAL DESIGN TRAFFIC:		YEAR 2028
PV = 36,770	SU = 1,700	MU = 10,680
ROAD/STREET CLASSIFICATION		CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 20	S = 40	M = 40
TRAFFIC FACTOR	ACTUAL TF = 10.79	
PG GRADE:	TOP LIFT BINDER = 76-22	SURFACE = 76-22
	LOWER LIFT BINDER = 64-22	

FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 9\Projects\78363\DRAWING\CABsheet\MS14-018-0978363-shr-1-REVISED		CHECKED - SLD	REVISED -
	PLOT SCALE = 10.0000' / in.	DATE - 11/26/13	REVISED -
	PLOT DATE = 8/16/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION SHEETS

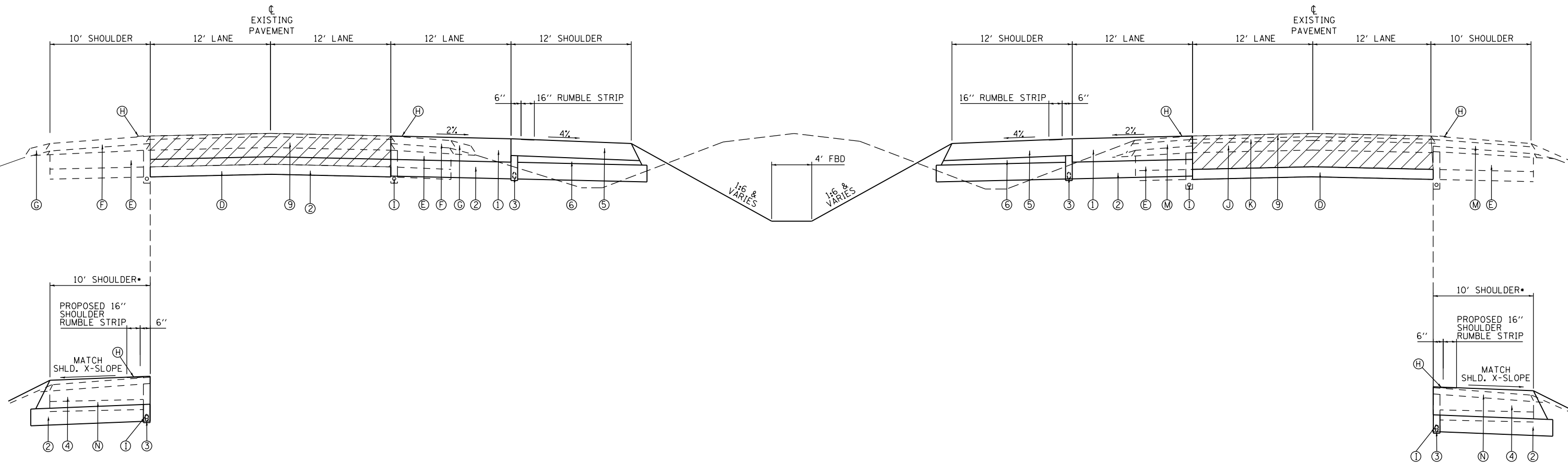
SCALE: N.T.S. SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4IR-2)(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	16
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

TYPICAL SECTION - EXISTING LANES-UNDERPASSES

NORTHBOUND:
 STA. 79+50 - STA. 84+10 (WILLIAMSON CO.)
 STA. 163+40 - STA. 168+30 (WILLIAMSON CO.)

SOUTHBOUND:
 STA. 79+10 - STA. 84+50 (WILLIAMSON CO.)
 STA. 163+40 - STA. 168+30 (WILLIAMSON CO.)



LEGEND

EXISTING

- Ⓒ EXISTING RUBBLIZED PAVEMENT, 10"
- Ⓓ EXISTING AGGREGATE SUBBASE 6"
- Ⓔ EXISTING BITUMINOUS SHOULDER 13" AVERAGE THICKNESS
- Ⓕ EXISTING SHOULDER RUMBLE STRIP
- Ⓖ PIPE UNDERDRAIN REMOVAL
- Ⓙ EXISTING HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, 5 3/4 "
- Ⓚ EXISTING POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 1/4 "
- Ⓛ EXISTING POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 2"
- Ⓜ EXISTING HOT-MIX ASPHALT SHOULDERS, 6"; 2" TOP LIFT; 4" BOTTOM LIFT
- Ⓝ EXISTING HOT-MIX ASPHALT SHOULDER 9" AVERAGE THICKNESS

PROPOSED

- ① HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 14"
- ② SUBBASE GRANULAR MATERIAL, TYPE A 10" THICK
- ③ PIPE UNDERDRAINS 4"
- ④ HOT-MIX ASPHALT SHOULDERS 14"
- ⑤ HOT-MIX ASPHALT SHOULDERS 10"
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE C
- ⑦ HOT-MIX ASPHALT REMOVAL 2"
- ⑧ POLY HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90 -- 2"
- ⑨ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 16 3/4"



HMA PAVEMENT FULL DEPTH 16 3/4"

PAVEMENT STRUCTURE DESIGN

STRUCTURAL DESIGN TRAFFIC; YEAR 2028	
PV = 36,770	SU = 1,700 MU = 10,680
ROAD/STREET CLASSIFICATION CLASS 1	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE;	
P = 20	S = 40 M = 40
TRAFFIC FACTOR	ACTUAL TF = 10.79
	MANUAL TF = NA
PG GRADE; TOP LIFT BINDER = 76-22	SURFACE = 76-22
	LOWER LIFT BINDER=64-22

MODEL: Default
 FILE: Model - Pavement Structure Design.dwg
 PROJECT: 78363
 SHEET: 19

USER NAME = knopen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	19	17
CONTRACT NO. 78363				

11(X-4)R-2;(28-5-1,28-5)R-1

*FRANKLIN / WILLIAMSON

LEGEND

EXISTING

- ⓪ EXISTING SHOULDER (LEAVE IN PLACE 1' OFFSET FROM EXISTING GUARDRAIL)
- Ⓟ EXISTING GUARDRAIL

LEGEND

PROPOSED

- ② SUBBASE GRANULAR MATERIAL, TYPE A 10" THICK
- ③ PIPE UNDERDRAINS 4"
- ④ HOT-MIX ASPHALT SHOULDERS 14"
- ⑨ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS
- ⑩ HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARDRAIL

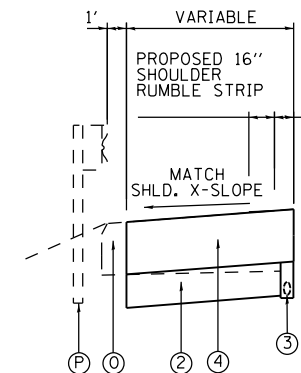
TYPICAL SECTION - EXISTING GUARDRAIL AND TRAFFIC BARRIER TERMINALS ADJACENT TO SHOULDER

NORTHBOUND (FRANKLIN CO):
STA. 239+27.00 TO STA. 241+80.00 (OUTSIDE)

SOUTHBOUND (FRANKLIN CO):
STA. 236+60.00 TO STA. 239+21.00 (OUTSIDE)

NORTHBOUND (WILLIAMSON CO):
STA. 79+50.00 TO STA. 83+70.00 (OUTSIDE)
STA. 165+77.00 TO STA. 168+30.00 (OUTSIDE)

SOUTHBOUND (WILLIAMSON CO):
STA. 79+20.00 - STA. 83+30.00 (OUTSIDE)
STA. 163+15.00 - STA. 165+55.00 (OUTSIDE)



PAVEMENT STRUCTURE DESIGN

STRUCTURAL DESIGN TRAFFIC:	YEAR 2028
PV = 36,770	SU = 1,700 MU = 10,680
ROAD/STREET CLASSIFICATION	CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 20	S = 40 M = 40
TRAFFIC FACTOR	ACTUAL TF = 10.79
	MANUAL TF = NA
PG GRADE:	TOP LIFT BINDER = 76-22 SURFACE = 76-22
	LOWER LIFT BINDER=64-22

FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION SHEETS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 9\Projects\78363\DRAWING\CABsheet\MS14-018-0978363-sht-4.dwg		CHECKED - SLD	REVISED -		57	(X1-4)R-2428-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	18			
	PLOT SCALE = 10.0000' / in.	DATE - 11/26/13	REVISED -		CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/16/2018				SCALE: N.T.S.	SHEET NO. 4 OF 4 SHEETS	STA. TO STA.					

UNDERCUT LOCATION DETAILS

STATION	LOCATION	DEPTH	UNSUITABLE MATERIAL (CU YD)	ROCK FILL (TON)
WILLIAMSON CO.				
79+50 TO 83+70	NB 3 LANES (STIRITZ RD)	12" UNDERCUT	560	840
79+20 TO 84+40	SB 3 LANES (STIRITZ RD)	12" UNDERCUT	694	1040
163+40 TO 168+30	NB 3 LANES (HERRIN RD)	12" UNDERCUT	654	980
163+40 TO 166+50	SB 3 LANES (HERRIN RD)	12" UNDERCUT	414	620
166+50 TO 168+30	SB 2 EXISTING LANES	12" UNDERCUT	160	240

NOTE: Final locations determined by the engineer.

MODEL: Default
FILE NAME: P:\ILLINOIS\BIDDING\TEC\Illinois.gov\PI\DOT\Documents\DOT_Offices\District 9\Projects\78363\CADD\Drawings\CAD\Drawings\09-031-0978363-ph-schedule.dgn

USER NAME = knopen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	*	191	19
			CONTRACT NO. 78363	

** (X-4)R-2;(28-5-1,28-5)R-1

*FRANKLIN / WILLIAMSON

PAVEMENT AND SHOULDER REMOVAL

STATION	STATION	LOCATION	PAVEMENT REMOVAL SQ YD	HOT MIX ASPHALT SURFACE REMOVAL 2" SQ YD	PAVED SHOULDER REMOVAL SQ YD
FRANKLIN CO.					
NORTHBOUND					
242+00.00	289+22.60	INSIDE SHLD			3,148
236+35.00	241+80.00	OUTSIDE SHLD			606
248+00.00	289+22.60	EXISTING LANES		10,994	
SOUTHBOUND					
242+00.00	289+22.60	INSIDE SHLD			3,148
236+60.00	241+84.00	OUTSIDE SHLD			582
248+00.00	289+22.60	EXISTING LANES		10,994	
CROSSOVERS					
270+42.00			149		
SUBTOTAL (FRANKLIN CO)=			149	21,987	7,485
WILLIAMSON CO.					
CROSSOVERS					
7+88			258		
135+77			486		
NORTHBOUND					
00+02.25	178+13.00	EXISTING LANES		48,673	
0+02.25	169+50.00	INSIDE SHLD			11,299
79+50.00	83+70.00	OUTSIDE SHLD			467
79+50.00	84+10.00	EXISTING LANES	1,227		
163+40.00	168+30.00	EXISTING LANES	1,307		
163+40.00	168+30.00	OUTSIDE SHLD			544
SOUTHBOUND					
00+02.25	177+73.00	EXISTING LANES		48,886	
0+02.25	167+90.00	INSIDE SHLD			11,192
79+20.00	84+40.00	OUTSIDE SHLD			578
79+20.00	84+40.00	EXISTING LANES	1,387		
163+15.00	168+30.00	EXISTING LANES	1,307		
163+15.00	165+55.00	OUTSIDE SHLD			267
SUBTOTAL (WILLIAMSON CO)=			5,970	97,559	24,346
TOTALS=			6,119	119,546	31,830

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USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	57	**
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 78363							
PLOT DATE = 8/16/2018	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

*(X-4)R-2;(28-5-1,28-5)R-1

*FRANKLIN / WILLIAMSON

PAVEMENT AND SHOULDERS

STATION TO STATION		40600290	40600295	40700100	40700200	SUBBASE	SUBBASE	SUBBASE	POLYMERIZED	HMA	HMA	MATERIAL	HOT-MIX	HOT-MIX	HOT-MIX
		BIT MAT TACK COAT	POLY BIT MAT TACK COAT	BIT MAT TACK COAT	POLY BIT MAT TACK COAT	GRANULAR MATERIAL, TYPE A 10"	GRANULAR MATERIAL, TYPE A 4"	GRANULAR MATERIAL, TYPE C	HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	PAVEMENT FULL DEPTH 14"	PAVEMENT FULL DEPTH 16 3/4"	TRANSFER DEVICE	ASPHALT SHLDS, 8"	ASPHALT SHLDS, 10"	ASPHALT SHLDS, 14"
		POUND	POUND	POUND	POUND	SQ YD	SQ YD	CU YD	TON	SQ YD	SQ YD	TON	SQ YD	SQ YD	SQ YD
FRANKLIN CO.															
NORTHBOUND															
248+00.00	TO	289+22.60		4,947					1,231			1,231			
242+00.00	TO	289+22.60	4,250			7,173		709						6,297	
242+00.00	TO	289+22.60			2,834	2,834	6,297			6,297		4,937			
236+35.00	TO	241+80.00	545				606								606
SOUTHBOUND															
248+00.00	TO	289+22.60		4,947					1,231			1,231			
242+00.00	TO	289+22.60	4,250			7,173		709						6,297	
242+00.00	TO	289+22.60			2,834	2,834	6,297			6,297		4,937			
236+60.00	TO	241+84.00	524				582								582
CROSSOVER															
270+10.00							178						178		
SUBTOTAL (FRANKLIN CO)=		9,570	9,894	5,667	5,668	28,128	178	1,419	2,462	12,594	0	12,336	178	12,594	1,188
WILLIAMSON CO.															
NORTHBOUND															
0+02.25	TO	178+13.00		20,281					5,048			5,048			
0+02.25	TO	169+50.00	15,253			25,742		2,546						22,597	
0+02.25	TO	169+30.00			10,157	10,157	22,570			22,570		17,695			
79+50.00	TO	84+10.00	460				511								511
79+50.00	TO	84+10.00			828	552	1,227				1,227	1,151			
163+40.00	TO	168+30.00	490				544								544
163+40.00	TO	168+30.00			882	588	1,307								
SOUTHBOUND															
0+02.25	TO	177+73.00		20,113					5,006			5,006			
0+02.25	TO	167+90.00	15,109			25,499		2,522						22,384	
0+02.25	TO	166+50.00			9,989	9,989	22,197			22,197		17,402			
79+20.00	TO	84+40.00	520				578								578
79+20.00	TO	84+40.00			936	624	1,387				1,387	1,301			
163+15.00	TO	165+55.00	240				267								267
163+40.00	TO	168+30.00			882	588	1,307								
CROSSOVER															
7+88							172						172		
135+77							172						172		
SUBTOTAL (WILLIAMSON CO)=		32,072	40,394	23,673	22,498	103,134	344	5,067	10,054	44,767	5,227	50,054	344	44,981	1,900
TOTAL=		41,642	50,288	29,340	28,166	131,262	522	6,486	12,516	57,361	5,227	62,390	522	57,575	3,088

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USER NAME = pritchett	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE				P.A.T RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100 0000 / in	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	191	21
PLOT DATE = 10/2/2018	CHECKED -	REVISED -								FED. AID PROJECT		
	DATE -	REVISED -								CONTRACT NO. 78363		

DRAINAGE REMOVALS

STATION	OFFSET	STATION	OFFSET	PIPE	REMOVING	REMOVING
				CULVERT	INLETS TO	CATCH
				REMOVAL	MAINTAIN FLOW	BASINS
				FOOT	EACH	EACH
FRANKLIN CO.						
242+86	0.43' LT					1
242+92	0.37' LT	242+96	0.70' LT	5		
243+03	0.49' LT	243+07	0.33' LT	5		
243+13	0.17' LT					1
254+70	19.14' RT				1	
254+79	19.17' LT				1	
262+27	24.70' RT			6		
270+59	19.00' RT				1	
270+59	18.91' LT				1	
277+62	18.76' RT				1	
277+87	19.21' LT				1	
288+31	23.13' RT			6		
SUBTOTAL (FRANKLIN CO)=				22	6	2
WILLIAMSON CO.						
8+28	21.82' LT			6		
26+07	14.46' RT				1	
26+07	14.91' LT				1	
46+98	18.35' RT				1	
46+98	19.18' LT				1	
46+98	81.00' RT			70		
56+08	14.74' RT				1	
56+19	15.28' LT				1	
59+00	15.70' LT				1	
59+00	14.25' RT				1	
65+01	15.00' LT				1	
65+01	15.08' RT				1	
71+00	15.32' RT				1	
71+00	14.66' LT				1	
80+50	12.58' LT				1	
80+50	13.98' RT				1	
85+99	14.42' RT				1	
85+99	14.96' LT				1	
94+00	14.71' RT				1	
94+00	15.22' LT				1	
98+00	19.27' LT				1	
98+00	18.80' RT				1	
106+72	22.97' RT			6		
125+00	18.57' LT				1	
125+00	19.02' RT				1	
143+74	22.00' RT			6		
153+99	22.00' RT			6		
162+66	14.89' LT				1	
162+65.74	15.15' RT				1	
SUBTOTAL (WILLIAMSON CO)=				94	24	0
TOTALS=				116	30	2

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USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			57	**	*	191	22	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78363					
PLOT DATE = 8/16/2018	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

*(X-4)R-2;(28-5-1,28-5)-R-1

*FRANKLIN / WILLIAMSON

DRAINAGE STRUCTURES AND PIPES

STATION	SIDE	TYPE 1	TYPE 2	PRC	RC PIPE	RC PIPE	FLUSH	INLET	INLETS	CONC	TRECH	STONE	FILTER
		24"	24"	FLARED	TEE, 24"	TEE, 78"	INLET	BOX, STAND	TO BE	COLLAR	BACKFILL	DUMPED	FABRIC
		FOOT	FOOT	END SEC.	PIPE	PIPE	BOX FOR	542511	ADJ.	CU YD	CU YD	RIPRAP,	SQ YD
				24"	WITH 24"	WITH 24"	MEDIA					CLASS	
					RISER	RISER	STANDA					A4	
							RD						
FRANKLIN CO.													
242+00	MED	100								0.44	75		
243+25	MED	23								0.44	19		
254+74	MED		3				1			3.44	102		
262+50	2'RT	18							1	0.44	4		
270+59	MED									2.14	4		
277+75	MED		20							0.44	23		
288+40	2'RT	22							1	0.44	3		
SUBTOTAL=		163	23	0	0	1	5	2	0	7.8	230	0	0
WILLIAMSON CO.													
8+34	2'LT	18						1		0.44	3		
26+07	MED				1		1			0.88	9		
46+98	MED		12	1	1		1			1.32	10	72	72
56+13	MED									0.93	10		
59+00	0.16'LT				1		1			0.88	13		
65+01	0.44'LT				1		1			0.88	13		
71+00	0.07'LT				1		1			0.44	11		
77+00	MED	347								0.44	115		
80+47	1.66'LT									0.93	7		
85+99	0.44'RT									0.93	7		
94+00	0.65'LT				1		1			0.88	11		
98+00	0.63'LT									0.93	5		
106+82	2'RT	18						1		0.44	2		
125+00	0.15'RT									0.93	5		
134+55	0.32'RT								1		3		
143+70	2'RT	16							1	0.44	2		
153+00	MED	100								0.44	49		
154+00	0.11'LT	27							1	0.44	8		
161+50	MED	115								0.44	54		
162+66	0.26'LT									0.44	8		
164+00	MED	135								0.44	62		
SUBTOTAL=		776	12	1	6	0	16	4	1	14.0	407	72	72
TOTALS=		939	35	1	6	1	21	6	1	21.8	637	72	72

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USER NAME = knopen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	*	191	23
			CONTRACT NO. 78363	

*(X-4)R-2;(28-5-1,28-5)R-1

*FRANKLIN / WILLIAMSON

EARTHWORK										
		FOR INFORMATION ONLY					NOTE 1	NOTE 2	NOTE 1	
STATION	STATION	EARTH EXCAVATION (CU YD)	FURNISH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) (CU YD)	ROCK FILL (TON)	LIME (TON)	EARTH EXCAVATION (UNSUITABLE MATERIAL) (CU YD)	
FRANKLIN CO.										
236+00.00	250+00.00	1,213	778	916	1,694	-778				
250+00.00	260+00.00	1,026	651	768	1,419	-651				
260+00.00	270+00.00	1,150	240	840	1,080	-240				
270+00.00	280+00.00	1,006	689	755	1,444	-689				
280+00.00	289+00.00	1,111	277	821	1,098	-277				
DITCH								94		
SUBTOTAL (FRANKLIN CO)=		5,506	2,635				0	94	0	
WILLIAMSON CO.										
0+02.25	10+00.00	1,225	217	902	1,119	-217				
10+00.00	20+00.00	1,117	76	800	876	-76				
20+00.00	30+00.00	833	1,915	657	2,572	-1,915				
30+00.00	40+00.00	1,672	198	1,267	1,465	-198				
40+00.00	50+00.00	1,111	435	824	1,259	-435				
50+00.00	60+00.00	796	1,401	616	2,017	-1,401				
60+00.00	70+00.00	824	1,210	631	1,841	-1,210				
70+00.00	80+00.00	841	1,151	643	1,794	-1,151				
80+00.00	90+00.00	933	828	705	1,533	-828	1,880		1,254	
90+00.00	100+00.00	887	847	668	1,515	-847				
100+00.00	110+00.00	1,098	232	799	1,031	-232				
110+00.00	120+00.00	998	422	734	1,156	-422				
120+00.00	130+00.00	1,098	300	804	1,104	-300				
130+00.00	140+00.00	1,178	88	858	946	-88				
140+00.00	150+00.00	1,148	86	833	919	-86				
150+00.00	160+00.00	922	638	688	1,326	-638				
160+00.00	171+00.00	3,151	194	834	1,028	-194	1,840		1,228	
DITCH								314		
SUBTOTAL (WILLIAMSON CO)=		19,832	10,238				3,720	314	2,482	
TOTALS=		25,338	12,873				3,720	408	2,482	

SAND IMPACT ATTENUATOR REMOVAL		
STATION	SIDE	REMOVAL (EACH)
WILLIAMSON CO.		
81+76	RT/LT	2
165+78	RT/LT	2
SUBTOTAL (WILLIAMSON CO)=		4
TOTAL=		4

NOTE 1: See undercut location schedule for more detailed locations.
NOTE 2: Lime quantities include 8' wide ditch bottom for entire length of job.

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USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -			57	**	*	191	24	
PLOT DATE = 8/16/2018	CHECKED -	REVISED -			CONTRACT NO. 78363					
	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

*(X-4)R-2;(28-5-1,28-5)-R-1

*FRANKLIN / WILLIAMSON

GUARDRAIL SCHEDULE												
STATION	STATION	SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (FOOT)	GUARDRAIL MARKERS, TYPE A (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT (EACH)	TRAFFIC BARRIER TERMINAL TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL TYPE 5 (EACH)	TRAFFIC BARRIER TERMINAL TYPE 6B (EACH)	TERMINAL MARKER DIRECT APPLIED (EACH)	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL (SQ YD)	GUARDRAIL REMOVAL (FOOT)	VERTICAL ADJ. OF GUARDRAIL (FOOT)
WILLIAMSON CO.												
NORTHBOUND												
25+77.79	37+40.28	LT	1,100	22	1	1			1	387	1,162	
80+35.01	81+62.18	LT	100	5		1	1			57	141	127
81+73.43	87+54.65	LT	488	15	1			1	1	258	333	237
165+88.00	168+30.00	LT										242
SOUTHBOUND												
79+20.00	83+30.00	RT										410
163+40.00	165+80.00	RT										240
SUBTOTAL (WILLIAMSON CO)=			2,250	75	5	5	1	1	5	702	1,636	1,256
TOTALS=			2,250	75	5	5	1	1	5	702	1,636	1,256

CABLE GUARDRAIL SCHEDULE				
LOCATION			HIGH TENSION CABLE MEDIAN BARRIER	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS EACH
STATION	STATION	SIDE		
FRANKLIN CO.				
242+00	242+50	NB		1
242+50	269+03	NB	2,653	
269+03	269+53	NB		1
270+67	271+17	NB		1
271+17	288+73	NB	1,756	
288+73	289+23	NB		1
TOTAL			4,409	4
WILLIAMSON CO.				
0+02.25	0+52.25	NB		1
0+52.25	7+32	NB	680	
6+82	7+32	NB		1
8+45	8+95	SB		1
8+95	81+50	SB	7,255	
81+50	82+00	SB		1
81+46	81+96	NB		1
81+96	134+70	NB	5,274	
134+70	135+20	NB		1
136+39	136+89	SB		1
136+89	165+50	SB	2,861	
165+50	166+00	SB		1
165+55	166+05	NB		1
166+05	177+62	NB	1,157	
177+62	178+12	NB		1
TOTAL			17,227	10
FRANKLIN/WILLIAMSON CO TOTAL			21,635	14

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USER NAME = knopen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	*	191	25
			CONTRACT NO. 78363	
		ILLINOIS	FED. AID PROJECT	

** (X-4)R-2;(28-5-1,28-5)R-1

*FRANKLIN / WILLIAMSON

RUMBLE STRIPS				
STATION	STATION	LOCATION	SHOULDER RUMBLE STRIPS, 16 INCH FOOT	SHOULDER RUMBLE STRIPS, 6 INCH FOOT
FRANKLIN CO.				
NORTHBOUND				
242+00.00	289+22.60	INSIDE SHLD	4,723	2,361
236+35.00	241+80.00	OUTSIDE SHLD	545	
SOUTHBOUND				
242+00.00	289+22.60	INSIDE SHLD	4,723	2,361
236+60.00	241+84.00	OUTSIDE SHLD	524	
SUBTOTAL (FRANKLIN CO)=			10,514	4,723
WILLIAMSON CO.				
NORTHBOUND				
0+02.25	169+50.00	INSIDE SHLD	16,948	8,474
79+50.00	83+70.00	OUTSIDE SHLD	420	
163+40.00	168+30.00	OUTSIDE SHLD	490	
SOUTHBOUND				
0+02.25	168+00.00	INSIDE SHLD	16,798	8,399
79+20.00	84+40.00	OUTSIDE SHLD	520	
163+40.00	165+55.00	OUTSIDE SHLD	215	
SUBTOTAL (WILLIAMSON CO)=			35,391	16,873
TOTAL=			45,905	21,595

RAISED REFLECTIVE PAVEMENT MARKERS			
STATION	STATION	RAISED REFLECTIVE PAVEMENT MARKER (EACH)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)
FRANKLIN CO.			
NORTHBOUND			
248+00.00	289+22.60		52
242+00.00	289+22.00	236	
SOUTHBOUND			
248+00.00	289+22.60		52
242+00.00	289+22.00	236	
SUBTOTAL (FRANKLIN CO)=		472	103
WILLIAMSON CO.			
NORTHBOUND			
0+02.25	178+13.00	891	
0+02.25	178+13.00		223
SOUTHBOUND			
0+02.25	177+73.00	889	
0+02.25	177+73.00		222
SUBTOTAL (WILLIAMSON CO)=		1,779	445
TOTALS=		2,251	548

DELINEATORS			
STATION	SIDE	DELINEATORS (EACH)	DELINEATOR REMOVAL (EACH)
FRANKLIN CO.			
ADVANCED NOTICE OF CROSSEOVERS			
261+82.48	RT	1	
269+76.48	RT	1	
270+43.52	LT	1	
278+37.52	LT	1	
288+80.85	RT	1	
242+00 TO 289+22	RT/LT	24	24
EXISTING TURNAROUNDS			
(ADVANCED NOTICE 4 AT EACH TURNAROUND)			
SUBTOTAL		29	28
WILLIAMSON CO.			
NORTHBOUND			
32+91.32	LT	1	1
82+97.60	LT	1	1
ADVANCED NOTICE OF CROSSEOVERS			
7+54.48	RT	1	
8+21.52	RT	1	
16+15.52	LT	1	
27+49.48	LT	1	
135+43.48	RT	1	
136+10.50	RT	1	
144+04.50	LT	1	
0+02.25 TO 178+13	RT/LT	89	89
EXISTING TURNAROUNDS			
(ADVANCED NOTICE 4 AT EACH TURNAROUND)			
SUBTOTAL		98	99
TOTAL		127	127

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USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -				57	**	*	191	26
PLOT DATE = 8/16/2018	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 78363		
	DATE -	REVISED -								

SEEDING													
STATION	STATION	SIDE	SEEDING CLASS 2A (ACRE)	EROSION CONTROL BLANKET (SQ YD)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	AGRICULTURAL GROUND LIMESTONE (TON)	MOWING (ACRE)	MULCH METHOD 2 (ACRE)	SEEDING CLASS 7 (ACRE)	SEEDING CLASS 5C (ACRE)	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL (GALLON)
FRANKLIN CO.													
242+00	289+22.60	MEDIAN	3.97	5,247	357	357	357	7.9	3.97	3.97	3.97		
236+35	239+13	RT	0.06		5	5	5	0.1	0.06	0.06	0.06		
239+35	241+84	LT	0.06		5	5	5	0.1	0.06	0.06	0.06		
259+00	263+00	LT	0.41		37	37	37	0.8	0.41	0.41	0.41		
SUBTOTAL (FRANKLIN CO)=			4.50	5,247	405	405	405	9.0	4.50	4.50	4.50	0.00	0
WILLIAMSON CO.													
0+02.25	170+00	MEDIAN	12.85	18,886	1,157	1,157	1,157	25.7	12.85	12.85	12.85		
26+00	36+00	LT	0.84		76	76	76	1.7	0.84	0.84	0.84		
80+40	81+27	LT	0.03		3	3	3	0.1	0.03	0.03	0.03		
83+00	85+00	LT	0.03		3	3	3	0.1	0.03	0.03	0.03		
26+00	36+00	LT		3,769									
80+40	81+27	LT		82									
83+00	85+00	LT		174									
SE QUAD JOHNSTON CITY INTERCHANGE									3.00			1.50	8
SUBTOTAL (WILLIAMSON CO)=			13.75	22,911	1,238	1,238	1,238	27.5	16.75	13.75	13.75	1.50	8
TOTALS=			18.25	28,159	1,643	1,643	1,643	36.5	21.25	18.25	18.25	1.50	8

SIGNING									
STATION	SIDE	TYPE	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	RELOCATE SIGN PANEL ASSEMBLY - TYPE B (EACH)	WOOD SIGN SUPPORT (FOOT)	TELESCOPIN STEEL SIGN SUPPORT (FOOT)	REMOVE SIGN PANEL ASSEMBLY TYPE B (EACH)	NOTES
FRANKLIN CO.									
262+40.00	7'LT	W4-2L		16		19			
270+50.50	CL	R3-4	9						
270+50.50	CL	R3-4	9			19			
270+50.50	CL	R3-I101	6						
270+50.50	CL	R3-I101	6						
274+40.00	7'LT	W9-1L		16		19			
	LT/RT	D10-5	75				120		Enhanced Intermediate Reference Location-10 signs
242+00	CL	R4-I100		40		38			Trucks Use 2 Right Lanes-SB Direction
SUBTOTAL (FRANKLIN CO)=			105	72	0	95	120	0	
WILLIAMSON CO.									
8+28.50	CL				1				
136+17.50	CL				1				
189+70.00	8'LT							1	
201+70.00	8'LT							1	
	LT/RT	D10-5	255				408		Enhanced Intermediate Reference Location-34 signs
62+00	CL	R4-I100		60		38			Trucks Use 2 Right Lanes-Both Directions
179+00	CL	R4-I100		40		38			Trucks Use 2 Right Lanes-NB Direction
SE QUAD Johnston City Interchange		I2-I100	4				20		Restoration Area Prairie Plants-2 signs
		I2-I104	1				20		No Mowing or Spraying-2 signs
SUBTOTAL (WILLIAMSON CO)=			260	100	2	76	448	2	
TOTALS=			365	172	2	171	568	2	

MODEL: Default
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USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						**	*		191	27
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 78363				
PLOT DATE = 8/16/2018	DATE -	REVISED -						SCALE:	SHEET	OF	SHEETS	STA.

TEMPORARY DITCH CHECKS

SIDE		STATION	DITCH CHECKS (FOOT)	SIDE		STATION	DITCH CHECKS (FOOT)	SIDE		STATION	DITCH CHECKS (FOOT)	
FRANKLIN CO.				WILLIAMSON CO.								
MED		243+25	16	MED		0+22	16	MED		43+18	16	
MED		245+40	16	MED		0+62	16	MED		43+65	16	
MED		247+60	16	MED		1+02	16	MED		44+11	16	
MED		250+25	16	MED		1+49	16	MED		44+54	16	
MED		252+32	16	MED		1+96	16	MED		44+97	16	
MED		256+58	16	MED		2+47	16	MED		45+39	16	
MED		258+55	16	MED		2+98	16	MED		45+81	16	
MED		264+35	16	MED		3+58	16	MED		46+24	16	
MED		266+44	16	MED		4+18	16	MED		46+68	16	
MED		268+47	16	MED		4+76	16	MED		47+42	16	
MED		271+91	16	MED		5+45	16	MED		47+86	16	
MED		274+41	10	MED		6+22	16	MED		48+29	16	
MED		280+00	10	MED		7+00	16	MED		48+71	16	
MED		281+71	16	MED		9+51	16	MED		49+13	16	
MED		283+88	16	MED		10+81	16	MED		49+57	16	
MED		285+23	16	MED		12+34	16	MED		50+00	16	
MED		286+22	16	MED		14+74	16	MED		50+49	16	
MED		286+74	16	MED		17+70	16	MED		50+98	16	
MED		287+26	16	MED		18+91	16	MED		53+02	16	
MED		287+77	16	MED		21+19	16	MED		62+33	16	
MED		288+74	16	MED		23+60	16	MED		64+50	16	
MED		289+09	16	MED		27+00	16	MED		69+50	16	
				MED		30+65	16	MED		72+00	16	
				MED		33+15	16	MED		76+13	16	
				MED		35+65	16	MED		79+67	16	
				MED		37+48	16	MED		81+00	16	
				MED		38+46	16	MED		84+00	16	
				MED		39+31	16	MED		87+85	16	
				MED		40+18	16	MED		89+67	16	
				MED		40+92	16	MED		93+00	16	
				MED		41+57	16	MED		100+89	16	
				MED		42+16	16	MED		102+74	16	
				MED		42+68	16	MED		104+70	16	
SUBTOTAL (FRANKLIN CO)=			340	SUBTOTAL (WILLIAMSON CO)=			528	SUBTOTAL (WILLIAMSON CO)=			528	
								SUBTOTAL (WILLIAMSON CO)=			336	
											TOTAL =	1,732

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USER NAME = knopen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	*	191	28
			CONTRACT NO. 78363	

** (X-4)R-2;(28-5-1,28-5)R-1

*FRANKLIN / WILLIAMSON

TEMPORARY EROSION CONTROL SEEDING				
STATION	STATION	SIDE	ACRES	TEMPORARY EROSION CONTROL SEEDING (POUND)
FRANKLIN CO.				
239+78	289+22.60	MEDIAN	3.97	397
236+35	239+13	RT	0.06	6
239+35	241+84	LT	0.06	6
SUBTOTAL (FRANKLIN CO)=				409
WILLIAMSON CO.				
0+02.25	170+00	MEDIAN	12.85	1,285
26+00	36+00	LT	0.84	84
80+40	81+27	LT	0.03	3
83+00	85+00	LT	0.03	3
SUBTOTAL (WILLIAMSON CO)=				1,375
TOTAL=				1,784

PERIMETER EROSION BARRIER			
STATION	STATION	SIDE	PERIMETER EROSION BARRIER (FOOT)
FRANKLIN CO.			
236+30	239+18	LT	292
239+30	241+89	RT	259
SUBTOTAL (FRANKLIN CO)=			551
WILLIAMSON CO.			
25+00	37+48	LT	1,263
79+50	81+24	LT	179
81+86	87+65	LT	582
83+20	84+45	RT	125
163+35	165+62	LT	227
SUBTOTAL (WILLIAMSON CO)=			2,149
TOTAL=			2,700

INLET AND PIPE PROTECTION		
STATION	SIDE	INLET AND PIPE PROTECTION (EACH)
FRANKLIN CO.		
242+00	MED	1
243+25	MED	1
254+70	MED	1
254+74	MED	1
254+79	MED	1
262+50	MED	1
270+59	MED	1
277+75	MED	1
288+40	MED	1
SUBTOTAL (FRANKLIN CO)=		9
WILLIAMSON CO.		
8+30	MED	1
26+07	MED	1
46+98	MED	1
56+08	MED	1
56+13	MED	1
56+19	MED	1
58+90	MED	1
65+01	MED	1
71+00	MED	1
77+00	MED	1
80+47	MED	1
80+50	MED	1
85+99	MED	1
94+00	MED	1
98+00	MED	1
106+74	MED	1
125+00	MED	1
134+55	MED	1
143+75	MED	1
153+00	MED	1
154+00	MED	1
161+50	MED	1
162+66	MED	1
164+00	MED	1
SUBTOTAL (WILLIAMSON CO)=		24
TOTAL=		33

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USER NAME = knopen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET OF SHEETS		STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	*	191	29
CONTRACT NO. 78363				
ILLINOIS		FED. AID PROJECT		

** (X-4)R-2:(28-5-1,28-5)-R-1

*FRANKLIN / WILLIAMSON

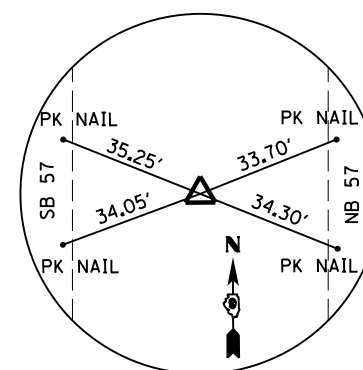
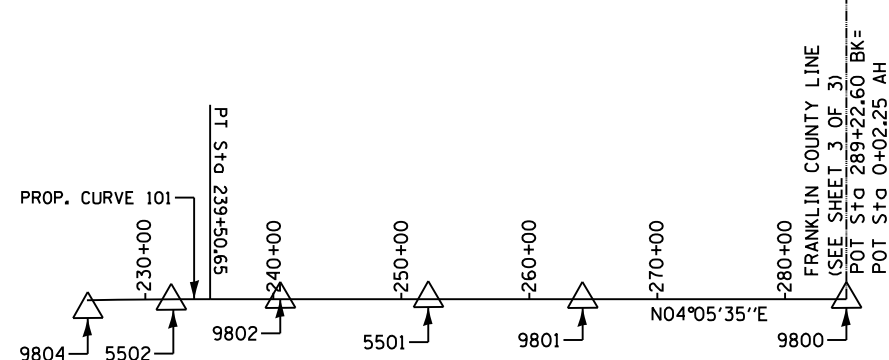
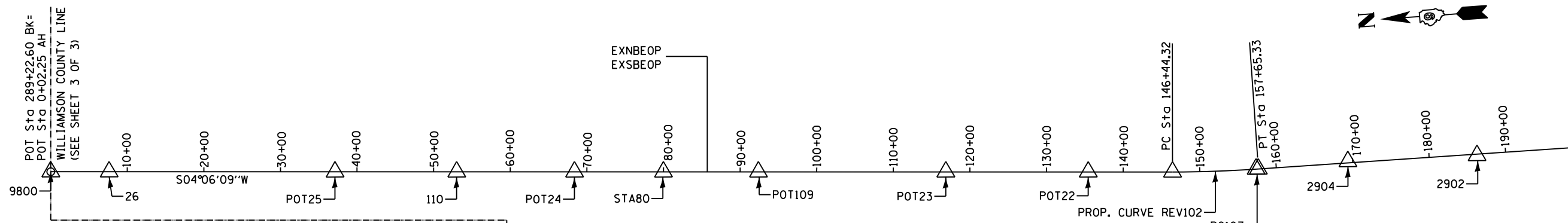
PIPE UNDERDRAINS AND HEADWALLS

			PIPE UNDERDRAINS			CONCRETE HEADWALLS						PIPE UNDERDRAINS			CONCRETE HEADWALLS						PIPE UNDERDRAINS			CONCRETE HEADWALLS							
			4"	4" (SPECIAL)	FOR PIPE DRAINS (EACH)				4"	4" (SPECIAL)	FOR PIPE DRAINS (EACH)				4"	4" (SPECIAL)	FOR PIPE DRAINS (EACH)				4"	4" (SPECIAL)	FOR PIPE DRAINS (EACH)				4"	4" (SPECIAL)	FOR PIPE DRAINS (EACH)		
STATION	STATION	SIDE	(FOOT)	(FOOT)	(EACH)	STATION	STATION	SIDE	(FOOT)	(FOOT)	(EACH)	STATION	STATION	SIDE	(FOOT)	(FOOT)	(EACH)	STATION	STATION	SIDE	(FOOT)	(FOOT)	(EACH)	STATION	STATION	SIDE	(FOOT)	(FOOT)	(EACH)		
FRANKLIN CO.						WILLIAMSON CO.						WILLIAMSON CO.						WILLIAMSON CO.													
NORTHBOUND						NORTHBOUND						NORTHBOUND						NORTHBOUND													
						0+02	4+00	LT (M)	398		19	1	120+00	125+00	LT (M)	500		19	1	62+00	65+01	RT (M)	301			62+00	65+01	RT (M)	301		
						4+00		LT (M)					120+00		LT (M)					65+01		RT (M)			26	65+01	67+00	RT (M)	199		26
						4+00	8+34	LT (M)	434				125+00	130+00	LT (M)	500				67+00		RT (M)			19	67+00		RT (M)			19
243+25		LT (M)		26		8+34		LT (M)					130+00		LT (M)			1	67+00	71+00	RT (M)	400				71+00		RT (M)			
243+25	248+00	LT (M)	475			8+34	13+00	LT (M)	466				130+00	135+00	LT (M)	500			71+00	73+00	RT (M)	200			26	73+00		RT (M)			26
248+00		LT (M)		19	1	13+00		LT (M)			19		135+00		LT (M)			1	73+00	77+00	RT (M)	400			19	77+00		RT (M)			19
248+00	251+50	LT (M)	350			13+00	18+00	LT (M)	500				135+00	139+00	LT (M)	400			73+00		RT (M)				1			RT (M)			1
251+50		LT (M)		19	1	18+00		LT (M)			19		139+00		LT (M)			19	77+00		RT (M)							RT (M)			
251+50	254+74	LT (M)	324			18+00	22+00	LT (M)	400				139+00	143+70	LT (M)	470			77+00		RT (M)				26			RT (M)			26
254+74		LT (M)		26		22+00		LT (M)			19		143+70		LT (M)			1	77+00	80+47	RT (M)	347						RT (M)			
254+74	259+00	LT (M)	426			22+00	26+07	LT (M)	407				143+70	147+00	LT (M)	330			80+47		RT (M)				26			RT (M)			26
259+00		LT (M)		19	1	26+07		LT (M)			26		147+00		LT (M)			19	80+47	84+20	RT (M)	373						RT (M)			
259+00	262+50	LT (M)	350			26+07	31+00	LT (M)	493				147+00	150+50	LT (M)	350			84+20		RT (M)				19			RT (M)			19
262+50		LT (M)		19		31+00		LT (M)			19		150+50		LT (M)			19	84+20	85+99	RT (M)	179						RT (M)			
262+50	267+00	LT (M)	450			31+00	35+00	LT (M)	400				150+50	154+00	LT (M)	350			85+99		RT (M)				26			RT (M)			26
267+00		LT (M)		19	1	35+00		LT (M)			19		154+00		LT (M)			19	85+99	91+00	RT (M)	501						RT (M)			
267+00	270+59	LT (M)	359			35+00	39+00	LT (M)	400				154+00	159+00	LT (M)	500			91+00		RT (M)				19			RT (M)			19
270+59		LT (M)		26		39+00		LT (M)			19		159+00		LT (M)			19	91+00	96+00	RT (M)	500						RT (M)			
270+59	275+00	LT (M)	441			39+00	43+00	LT (M)	400				159+00	162+66	LT (M)	366			96+00		RT (M)				19			RT (M)			19
275+00		LT (M)		19	1	43+00		LT (M)			19		162+66		LT (M)			26	96+00	98+00	RT (M)	200						RT (M)			
275+00	277+75	LT (M)	275			43+00	46+98	LT (M)	398				162+66	166+40	LT (M)	374			98+00		RT (M)				26			RT (M)			26
277+75		LT (M)		26		46+98		LT (M)			26		166+40		LT (M)			26	98+00	103+00	RT (M)	500						RT (M)			
277+75	282+00	LT (M)	425			46+98	51+50	LT (M)	452				166+40	169+50	LT (M)	310			103+00		RT (M)				19			RT (M)			19
282+00		LT (M)		19	1	51+50		LT (M)			19		169+50		LT (M)			19	103+00	106+82	RT (M)	382						RT (M)			
282+00	286+00	LT (M)	400			51+50	56+13	LT (M)	463				79+50	83+70	LT	420			106+82		RT (M)				26			RT (M)			26
286+00		LT (M)		19	1	56+13		LT (M)			26		81+00		LT			19	106+82	111+50	RT (M)	468						RT (M)			
286+00	288+40	LT (M)	240			56+13	59+00	LT (M)	287				163+40	168+30	LT	490			111+50		RT (M)				19			RT (M)			19
288+40		LT (M)		19	1	59+00		LT (M)			26		168+30		LT			19	111+50	116+00	RT (M)	450						RT (M)			
288+40	289+23	LT (M)	83			59+00	62+00	LT (M)	300										116+00		RT (M)				19			RT (M)			19
SOUTHBOUND						SOUTHBOUND						SOUTHBOUND						SOUTHBOUND													
						62+00	65+01	LT (M)	301		19								116+00	120+00	RT (M)	400				116+00	120+00	RT (M)	400		
						65+01	67+00	LT (M)	199		26								120+00		RT (M)				19	120+00		RT (M)			19
						65+01	67+00	LT (M)	199				0+02	4+00	RT (M)	398			120+00	125+00	RT (M)	500				120+00	125+00	RT (M)	500		
243+25		RT (M)		26		67+00		LT (M)			19		4+00		RT (M)			19	125+00		RT (M)				26	125+00		RT (M)			26
243+25	248+00	RT (M)	475			67+00	71+00	LT (M)	400				4+00	8+34	RT (M)	434			125+00	130+00	RT (M)	500				130+00		RT (M)			
248+00		RT (M)		19	1	71+00		LT (M)			26		8+34		RT (M)			19	130+00	135+00	RT (M)	500			19	130+00		RT (M)			19
248+00	251+50	RT (M)	350			71+00	73+00	LT (M)	200				8+34	13+00	RT (M)	466			130+00	135+00	RT (M)	500				130+00	135+00	RT (M)	500		
251+50		RT (M)		19	1	73+00		LT (M)			19		13+00		RT (M)			19	135+00		RT (M)				19	135+00		RT (M)			19
251+50	254+74	RT (M)	324			73+00	77+00	LT (M)	400				13+00	18+00	RT (M)	500			135+00	139+00	RT (M)	400				139+00		RT (M)			
254+74		RT (M)		26		77+00		LT (M)			26		18+00		RT (M)			19	139+00		RT (M)				19	139+00		RT (M)			19
254+74	259+00	RT (M)	426			77+00	80+47	LT (M)	347				18+00	22+00	RT (M)	400			139+00	143+70	RT (M)	470				143+70		RT (M)			
259+00		RT (M)		19	1	80+47		LT (M)			26		22+00		RT (M)			19	143+70		RT (M)				19	143+70		RT (M)			19
259+00	262+37	RT (M)	337			80+47	84+20	LT (M)	373				22+00	26+07	RT (M)	407			143+70	147+00	RT (M)	330				147+00		RT (M)			
262+37		RT (M)		14		84+20		LT (M)			19		26+07		RT (M)			26	147+00		RT (M)				19	147+00		RT (M)			19
262+37	267+00	RT (M)	463			84+20	85+99	LT (M)	179				26+07	31+00	RT (M)	493			150+50		RT (M)				19	150+50		RT (M)			19
267+00		RT (M)		19	1	85+99		LT (M)			26		31+00		RT (M)			19	150+50	154+00	RT (M)	350				150+50	154+00	RT (M)	350		
267+00	270+59	RT (M)	359			85+99	91+00	LT (M)	501				31+00	35+00	RT (M)	400			154+00		RT (M)				19	154+00		RT (M)			19
270+59		RT (M)		26		91+00		LT (M)			19		35+00		RT (M)			19	154+00	159+00	RT (M)	500				154+00	159+00	RT (M)	500		
270+59	275+00	RT (M)	441			91+00	96+00	LT (M)	500				35+00	39+00	RT (M)	400			154+00		RT (M)				19	154+00		RT (M)			19
275+00		RT (M)		19	1	96+00		LT (M)			19		39+00		RT (M)			19	159+00		RT (M)					159+00		RT (M)			
275+00	277+75	RT (M)	275			96+00	98+00	LT (M)	200				39+00	43+00	RT (M)	400			159+00	162+66	RT (M)	366				162+66		RT (M)			
277+75		RT (M)		26		98+00		LT (M)			26		43+00		RT (M)			19	162+66		RT (M)				26	162+66		RT (M)			26
277+75	282+00	RT (M)	425			98+00	103+00	LT (M)	500				43+00	46+98	RT (M)	398			162+66	166+40	RT (M)	374				166+40		RT (M)			
282+00		RT (M)		19	1	103+00		LT (M)			19		46+98		RT (M)			26	166+40		RT (M)				16	166+40		RT (M)			

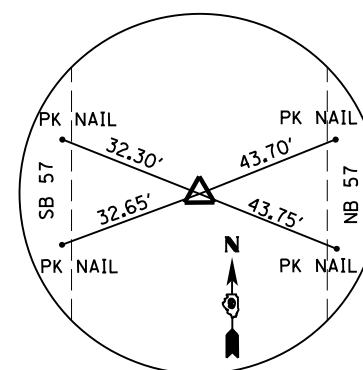
EXIT, CURVE REV101
 PI STA. = 327+99.73
 $\Delta = 17^\circ 56' 06''$ (RT)
 $D = 0^\circ 28' 00''$
 $R = 12,278.11'$
 $T = 1,937.51'$
 $L = 3,843.33'$
 $E = 151.93'$
 P.C. STA. = 308+62.22
 P.T. STA. = 347+05.54

EXIST. CURVE REV102
 PI STA. = 152+05.04
 $\Delta = 3^\circ 55' 26''$ (LT)
 $D = 0^\circ 21' 00''$
 $R = 16,368.23'$
 $T = 560.72'$
 $L = 1,121.00'$
 $E = 9.60'$
 P.C. STA. = 146+44.32
 P.T. STA. = 157+65.33

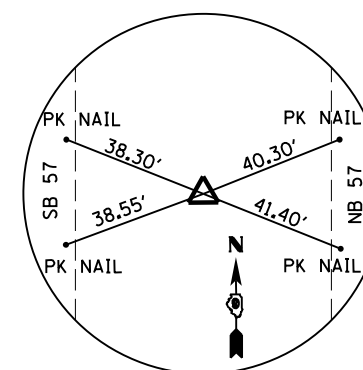
COORDINATE TABLE			
STATION	OFFSET	NORTHING	EASTING
STA 229+88.27	0.00	441761.5227	808720.0629
PC STA 239+50.65	0.00	440800.3524	808732.0345
EQ STA 289+22.60 AH	0.00	435841.0840	808377.1598
EO STA 0+02.25 BK=	0.00	435842.3120	808376.9950
PC STA 146+44.32	0.00	421237.7572	807329.4601
PT STA 157+65.33	0.00	420117.7567	807287.5966



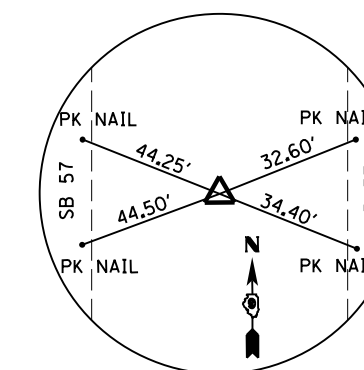
POINT, 9804
 229+90.94 0.01' LT.
 IRON ROD/CAP
 N=441758.8742
 E=808720.3297



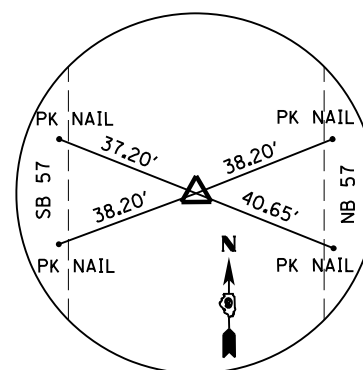
POINT, 5502
 236+45.60 6.06' RT.
 IRON ROD/CAP
 N=441105.1645
 E=808739.6496



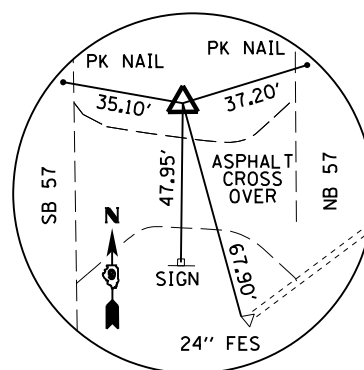
POINT, 9802
 244+98.97 0.19' LT.
 IRON ROD/CAP
 N=440253.4148
 E=808693.0860



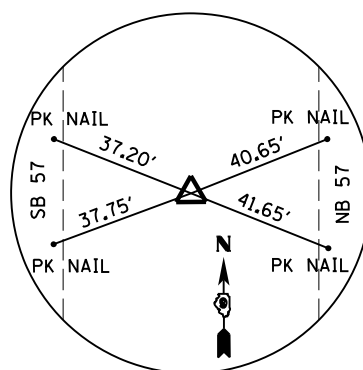
POINT, 5501
 256+56.32 6.20' LT.
 IRON ROD/CAP
 N=439098.5857
 E=808616.4754



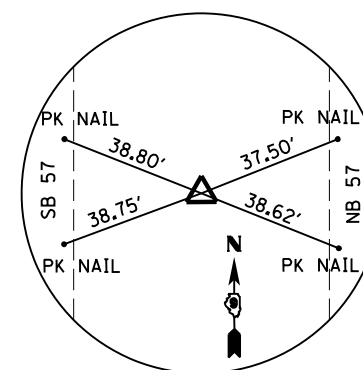
POINT, 9801
 268+61.47 0.00' ON LINE
 IRON ROD/CAP
 N=437896.9523
 E=808524.2711



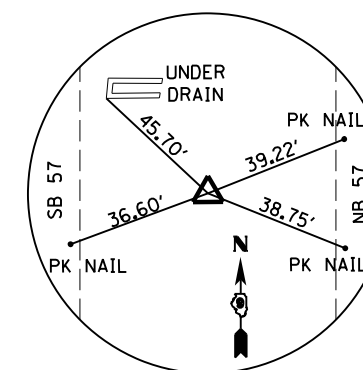
POINT, 26
 7+64.14 ON LINE
 80D NAIL
 N=435082.3770
 E=808322.4850



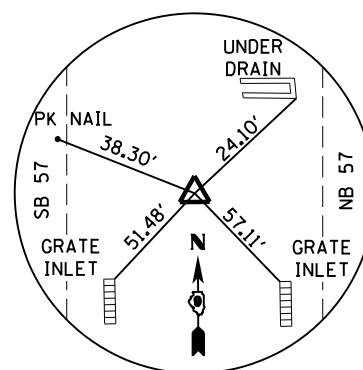
POINT, 25
 37+13.25 0.08' LT.
 IRON ROD/CAP
 N=432140.8110
 E=808111.5760



POINT, 110
 53+01.27 0.28' LT.
 IRON ROD/CAP
 N=430556.8530
 E=807998.1720



POINT, POT24
 68+39.67 0.02' RT.
 IRON ROD/CAP
 N=429022.4193
 E=807887.8022



POINT, STA80
 80+00.04 0.18' LT.
 IRON ROD/CAP
 N=427864.9995
 E=807804.9936

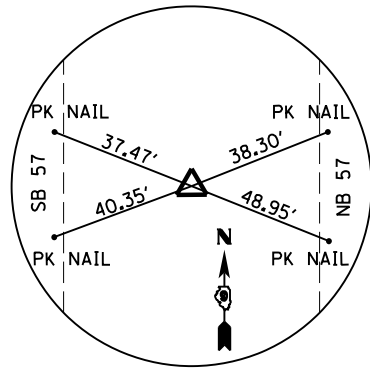
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Default	PLOT DATE = 8/16/2018	DATE - XX/XX/XX	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

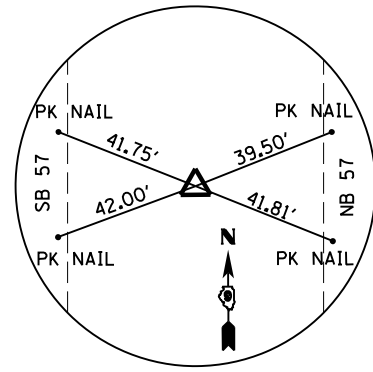
ALIGNMENT AND TIES

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

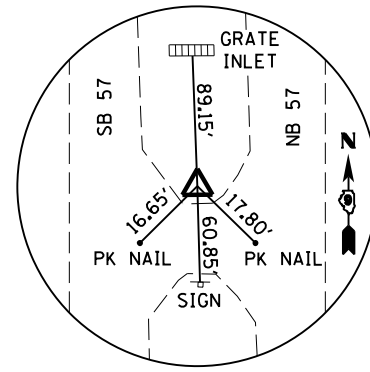
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2+(28-5)-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	32
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	



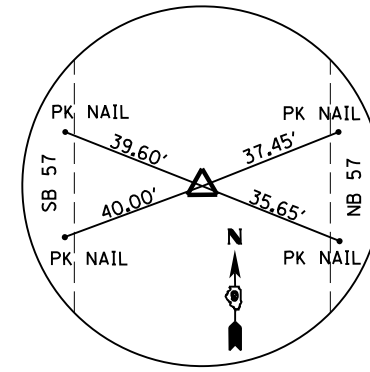
POINT, POT109
92+39.97 0.07' RT.
IRON ROD/CAP
N=426628.2670
E=807716.0352



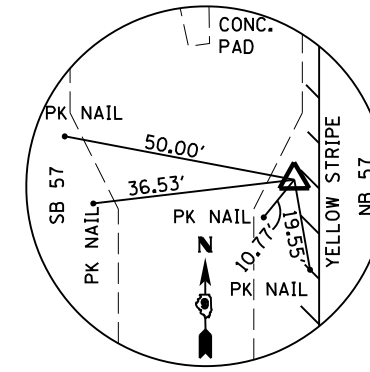
POINT, POT23
116+85.37 0.02' LT.
IRON ROD/CAP
N=424189.1318
E=807541.1745



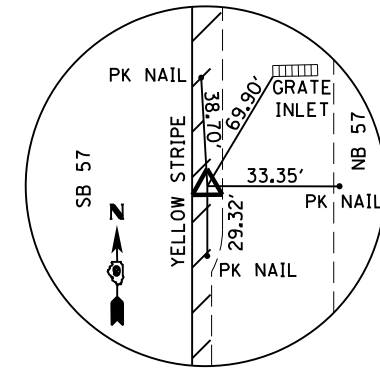
POINT, POT22
135+44.39 ON LINE
R X R SPIKE
N=422334.8773
E=807408.1558



POINT, PC107
157+36.04 1.61' LT
IRON ROD/CAP
N=420147.0373
E=807289.3208

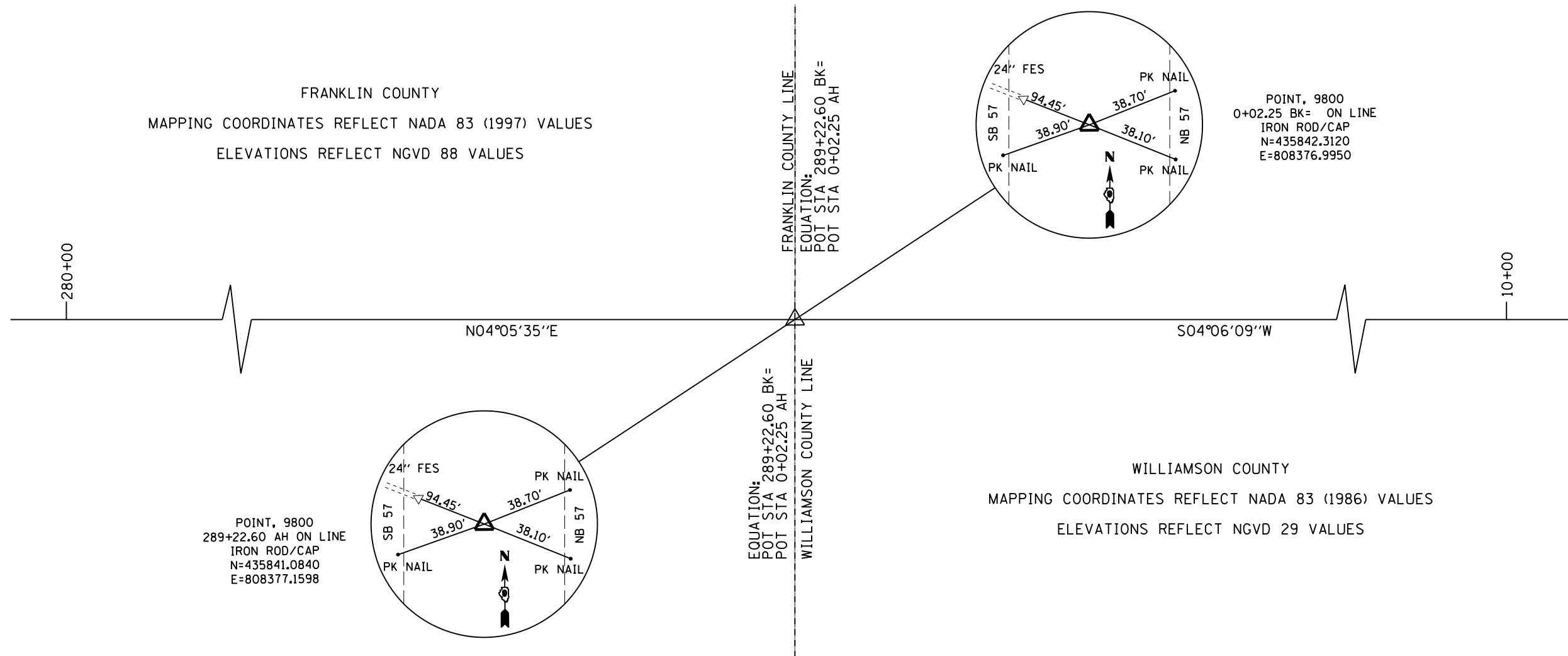


POINT, 2904
169+38.47 18.92' LT.
PK NAIL
N=418944.5638
E=807302.8574



POINT, 2902
186+25.84 17.05' RT.
80D NAIL IN ASPHALT
N=417257.3073
E=807261.6336

FRANKLIN COUNTY
MAPPING COORDINATES REFLECT NADA 83 (1997) VALUES
ELEVATIONS REFLECT NGVD 88 VALUES



POINT, 9800
289+22.60 AH ON LINE
IRON ROD/CAP
N=435841.0840
E=808377.1598

POINT, 9800
0+02.25 BK= ON LINE
IRON ROD/CAP
N=435842.3120
E=808376.9950

FRANKLIN COUNTY LINE
EQUATION: POT STA 289+22.60 BK= POT STA 0+02.25 AH

WILLIAMSON COUNTY LINE
EQUATION: POT STA 289+22.60 BK= POT STA 0+02.25 AH

WILLIAMSON COUNTY
MAPPING COORDINATES REFLECT NADA 83 (1986) VALUES
ELEVATIONS REFLECT NGVD 29 VALUES

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Default	PLOT DATE = 8/16/2018	DATE - XX/XX/XX	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

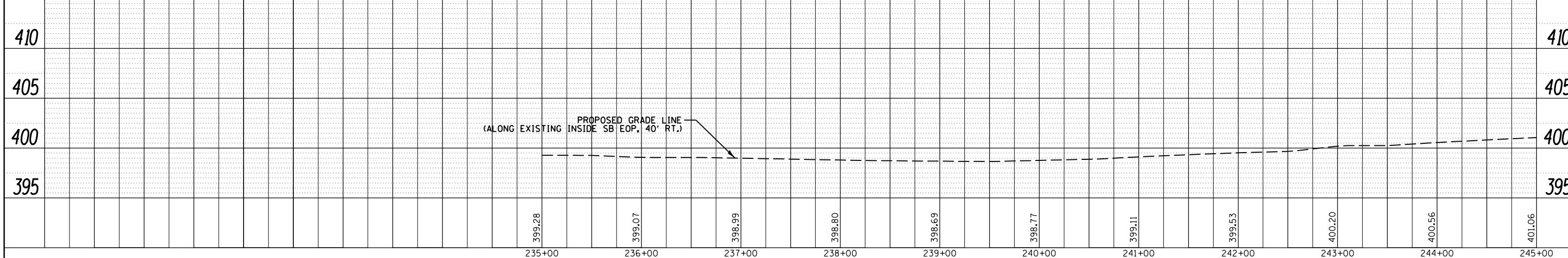
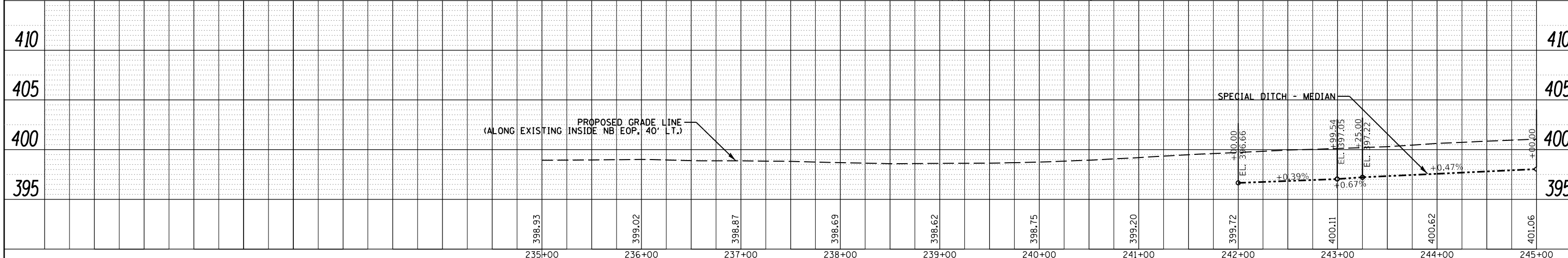
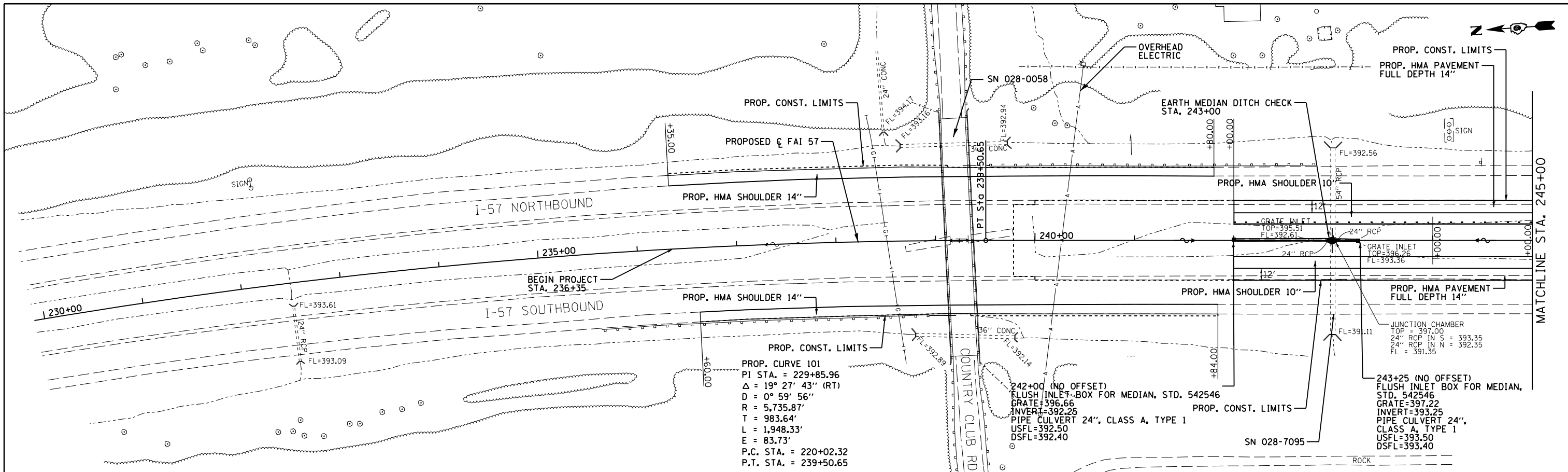
ALIGNMENT AND TIES

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

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2+(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	33
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				

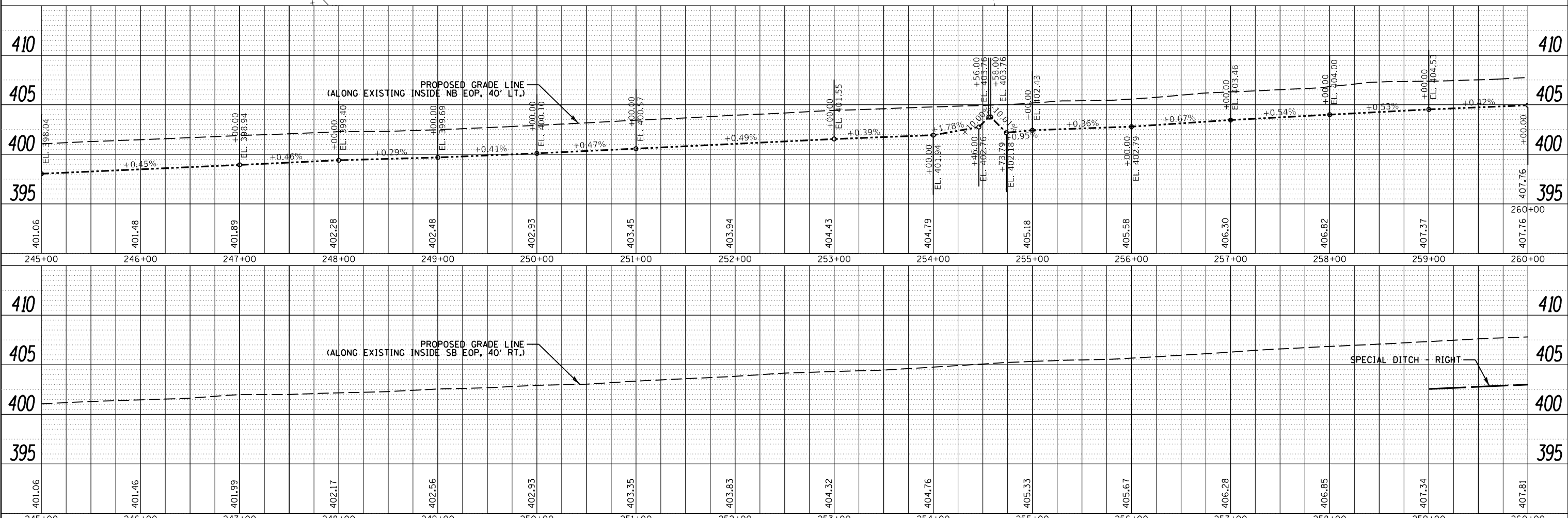
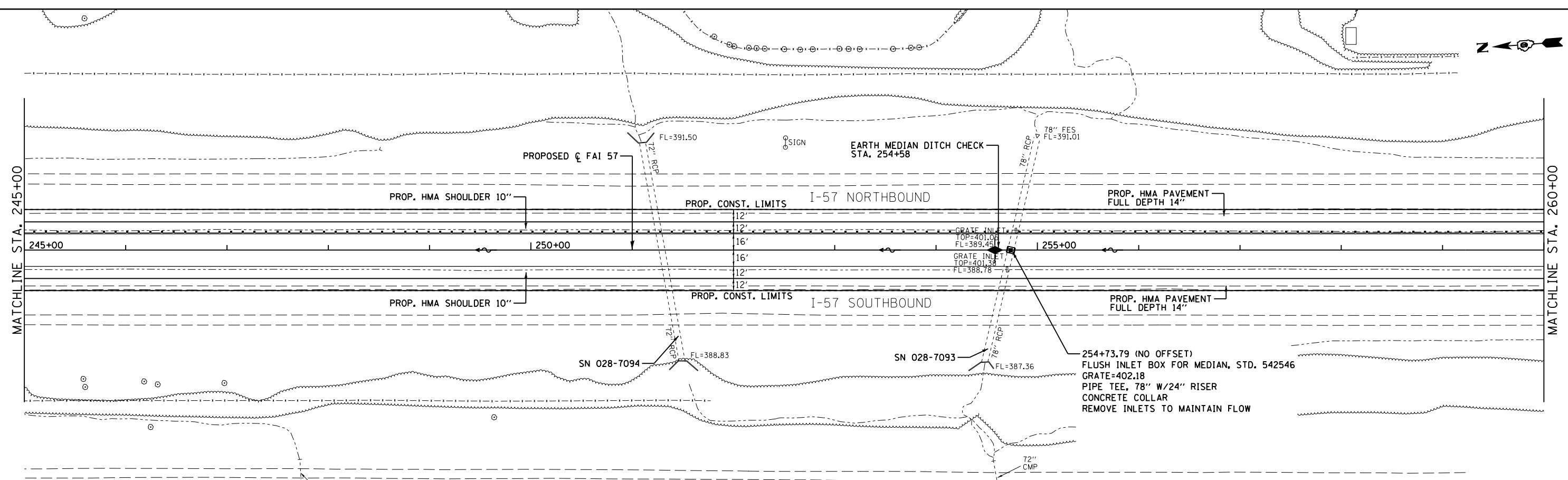
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	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	NO.	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CPAD	
	NO.	
	NO.	
	NO.	



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
Default		CHECKED - SLD	REVISED -
		DATE - 11/26/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

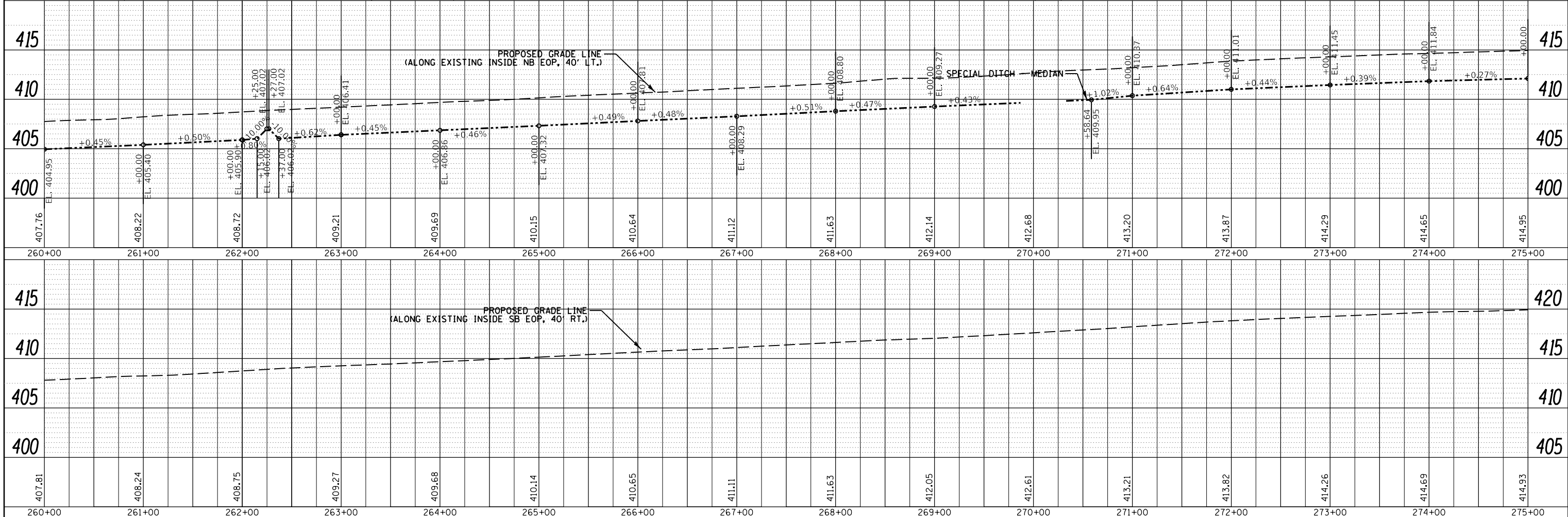
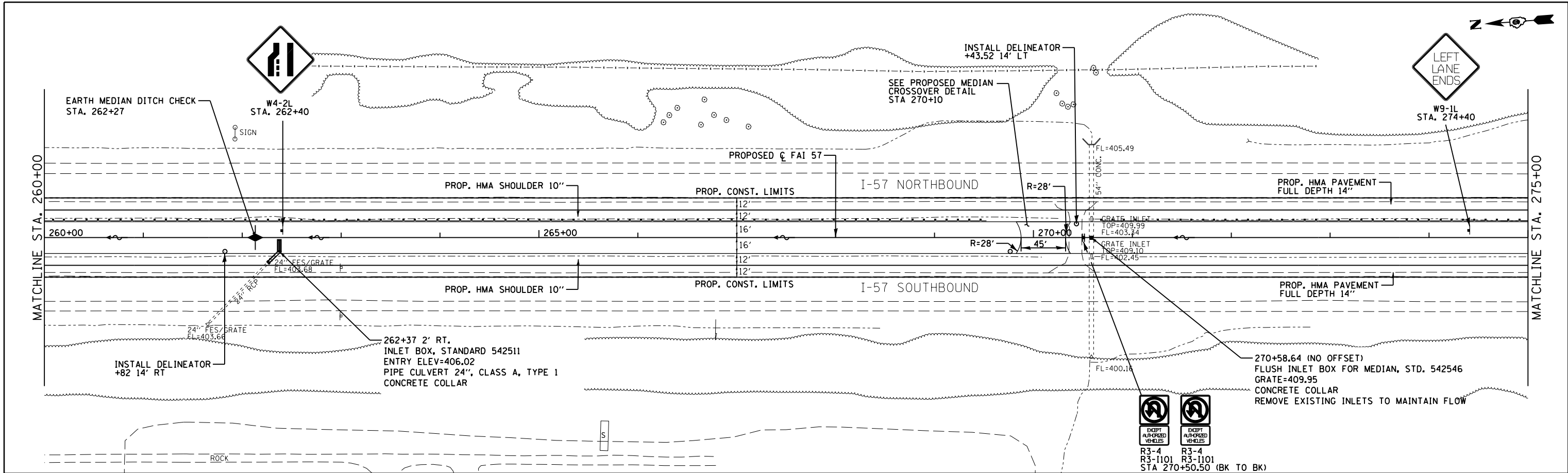
PLAN & PROFILE

SCALE: 1"=50' SHEET 2 OF 16 SHEETS STA. 245+00 TO STA. 260+00

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	35
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

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

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHECKED	
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FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED - SLD	REVISED -	57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	36
		DATE - 11/26/13	REVISED -	CONTRACT NO. 78363		ILLINOIS FED. AID PROJECT		

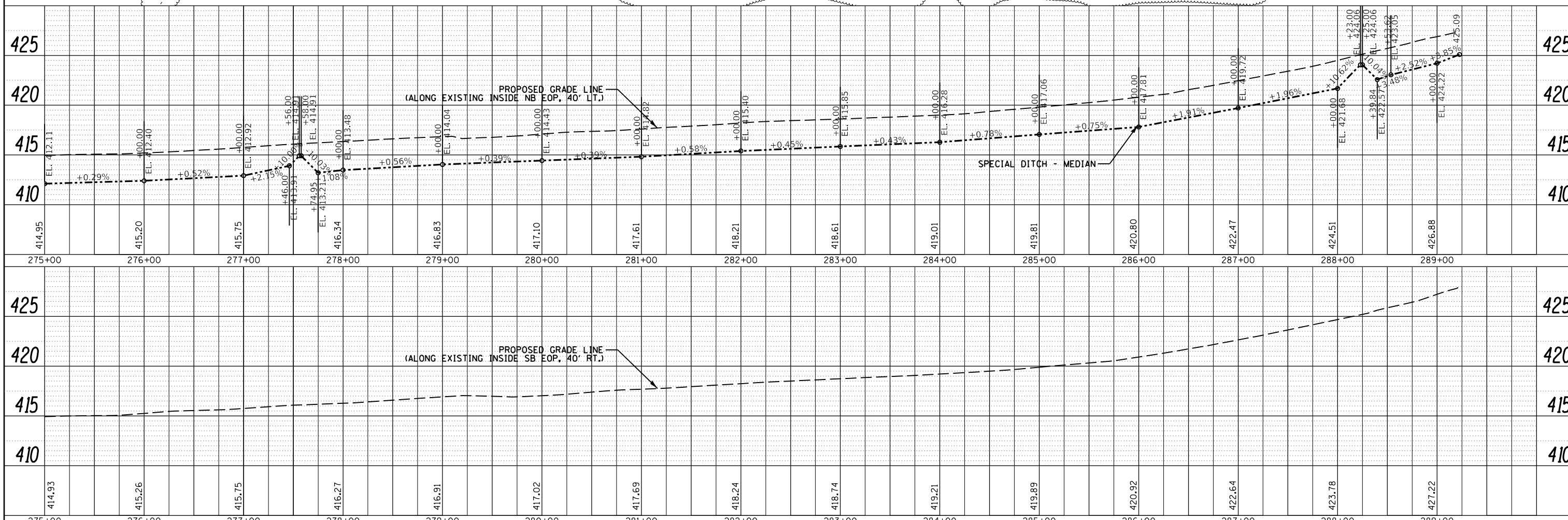
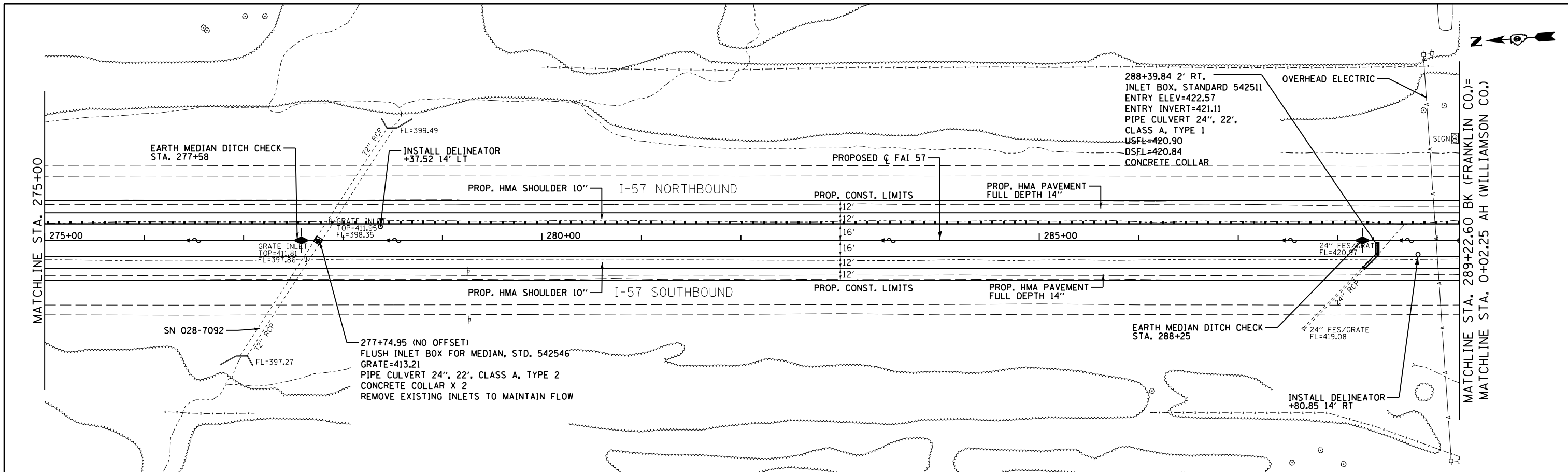
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE

SCALE: 1"=50' SHEET 3 OF 16 SHEETS STA. 260+00 TO STA. 275+00

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
Default		CHECKED - SLD	REVISED -
		DATE - 11/26/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

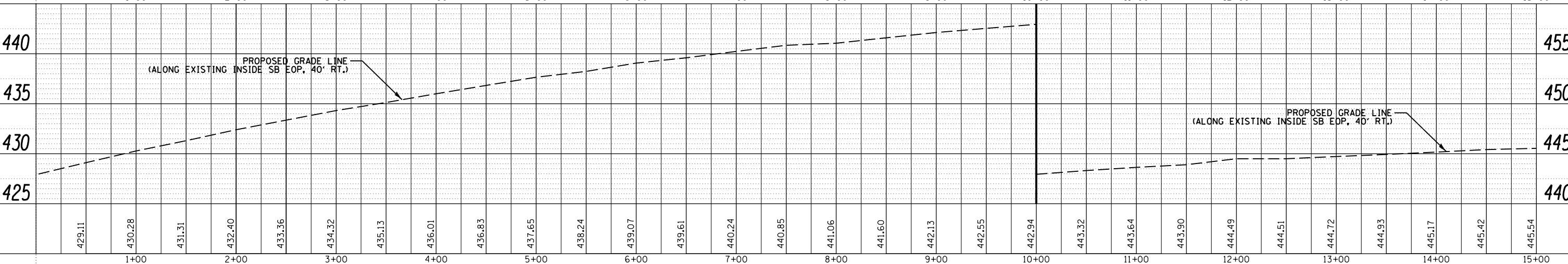
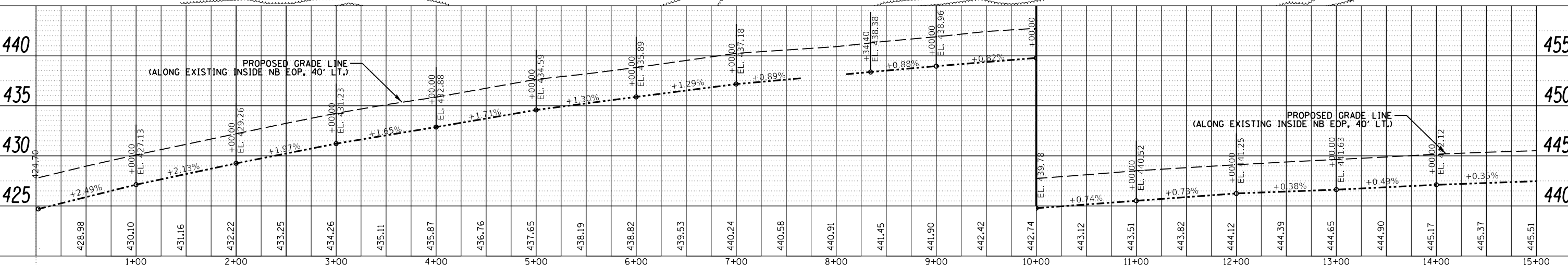
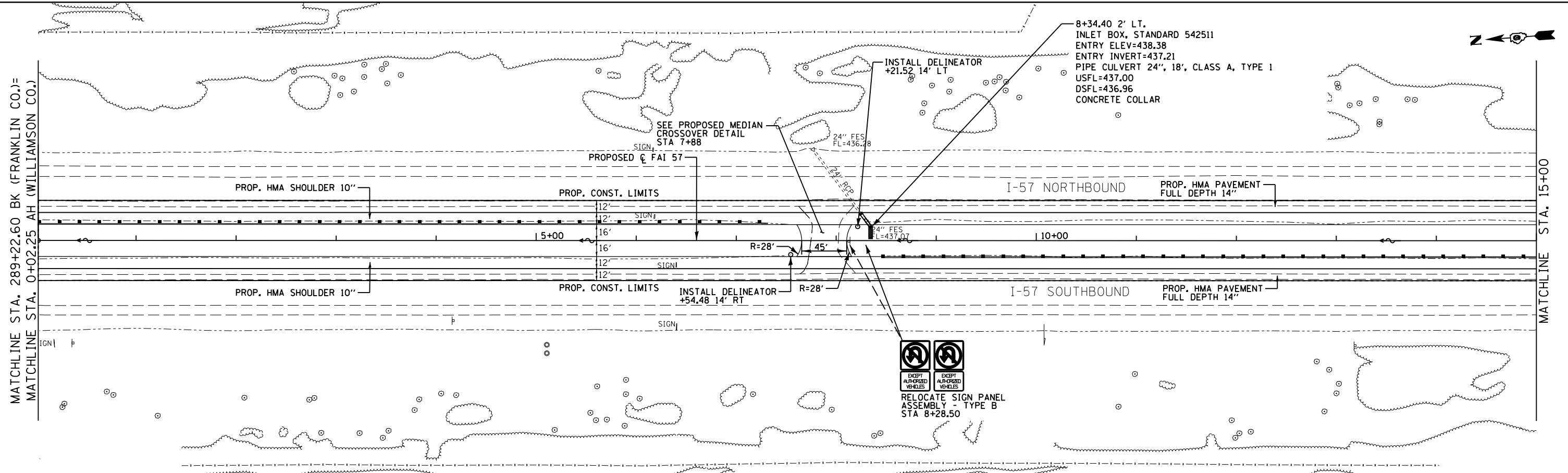
PLAN & PROFILE

SCALE: 1"=50' SHEET 4 OF 16 SHEETS STA. 275+00 TO STA. 289+22.60

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4R-2)(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	37
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
Default		CHECKED - SLD	REVISED -
		DATE - 11/26/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

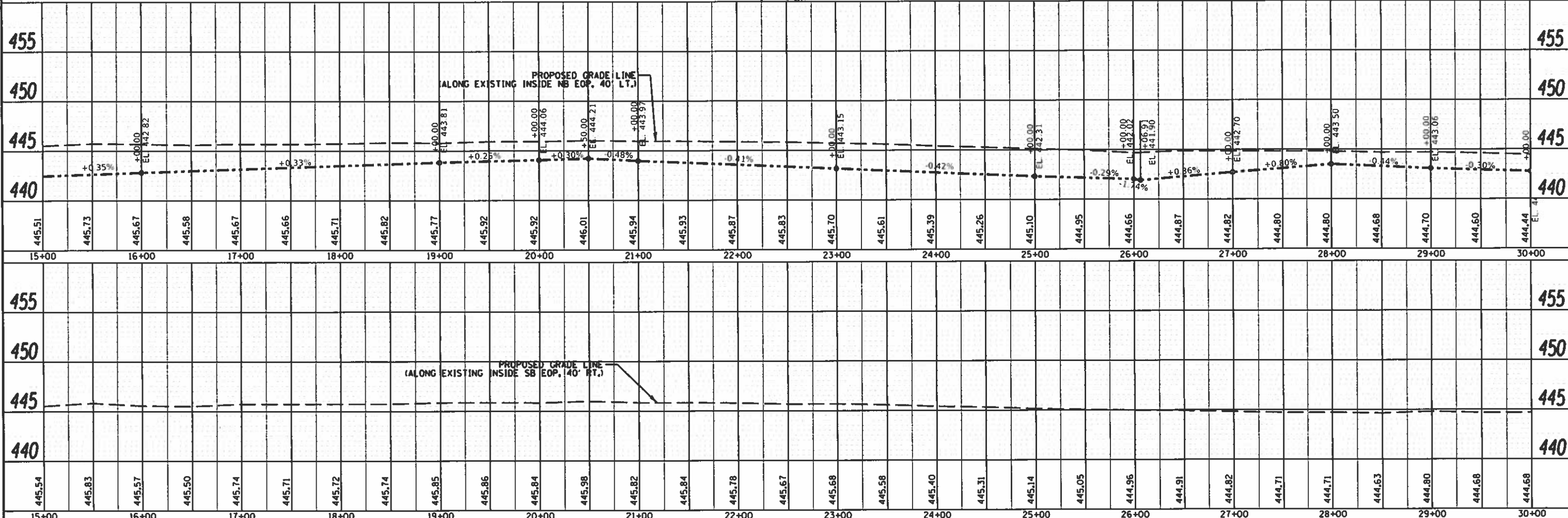
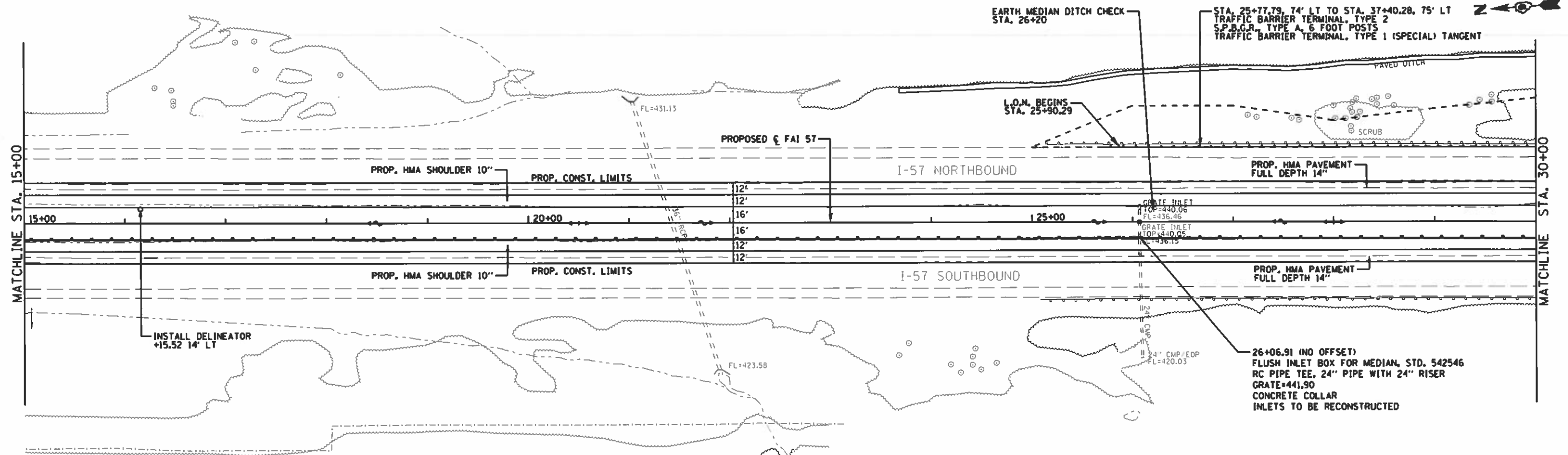
PLAN & PROFILE

SCALE: 1"=50' SHEET 5 OF 16 SHEETS STA. 0+02.25 TO STA. 15+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2+(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	38
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

PLAN	DATE
REVISED	BY
PLOTTED	
ALIGNMENT CHECKED	
NOTE BOOK NO.	
ADD FILE NAME	

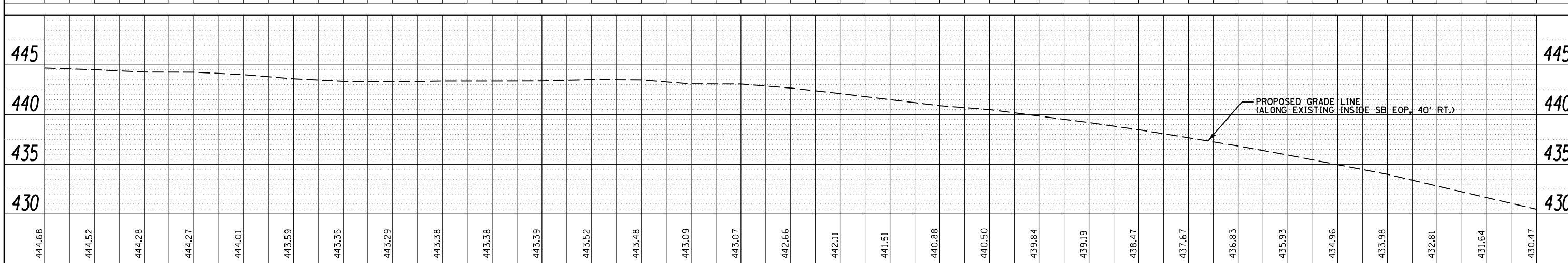
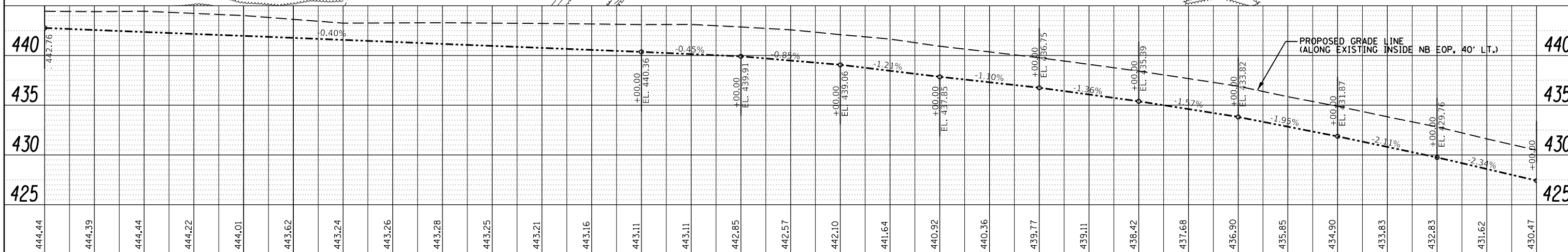
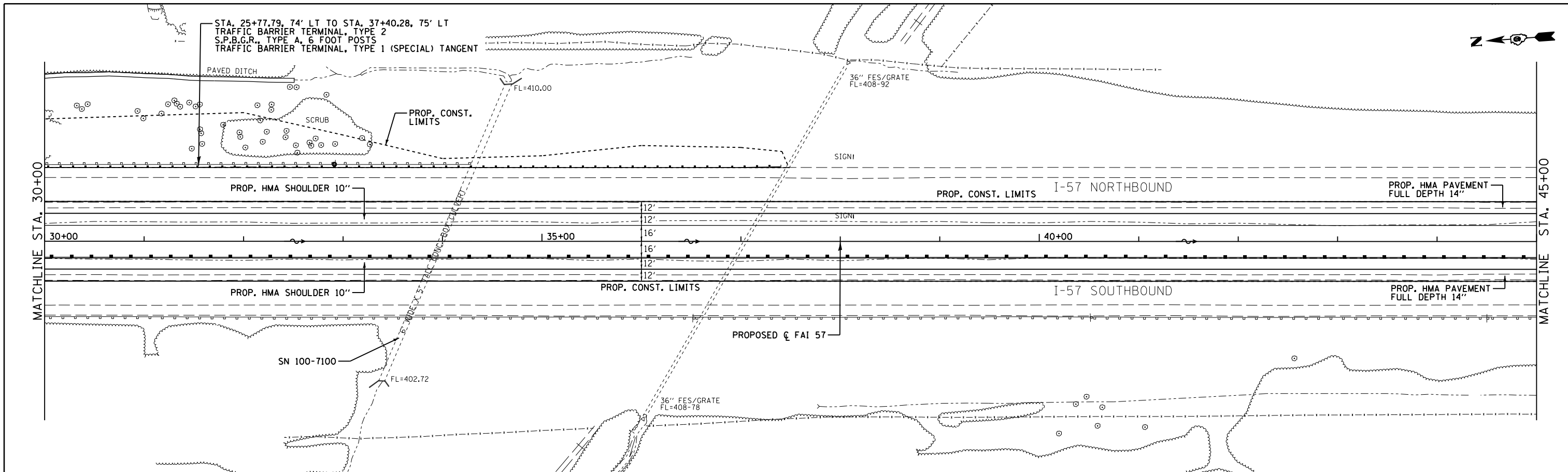
PROFILE	DATE
REVISED	BY
PLOTTED	
GRAV'S CHECKED	
NOTE BOOK NO.	
ADD FILE NAME	



FILE NAME	USER NAME : pritchettj	DESIGNED - JRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE SCALE: 1"=50' SHEET 6 OF 16 SHEETS STA. 15+00 TO STA. 30+00	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN	MSR	REVISIONS	57			(X1-4R-2H2B-5-1.2B-5R-1)	FRANKLIN/WILLIAMSON	191	39	
CHECKED	SLD	REVISIONS	CONTRACT NO. 78363							
DATE	11/26/13	REVISIONS	ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	DATE
	PLOTTED	BY
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	CHECKED	
	FILED	
	NO.	
	NO.	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CPWD	
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	NO.	
	NO.	



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
Default		CHECKED - SLD	REVISED -
		DATE - 11/26/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

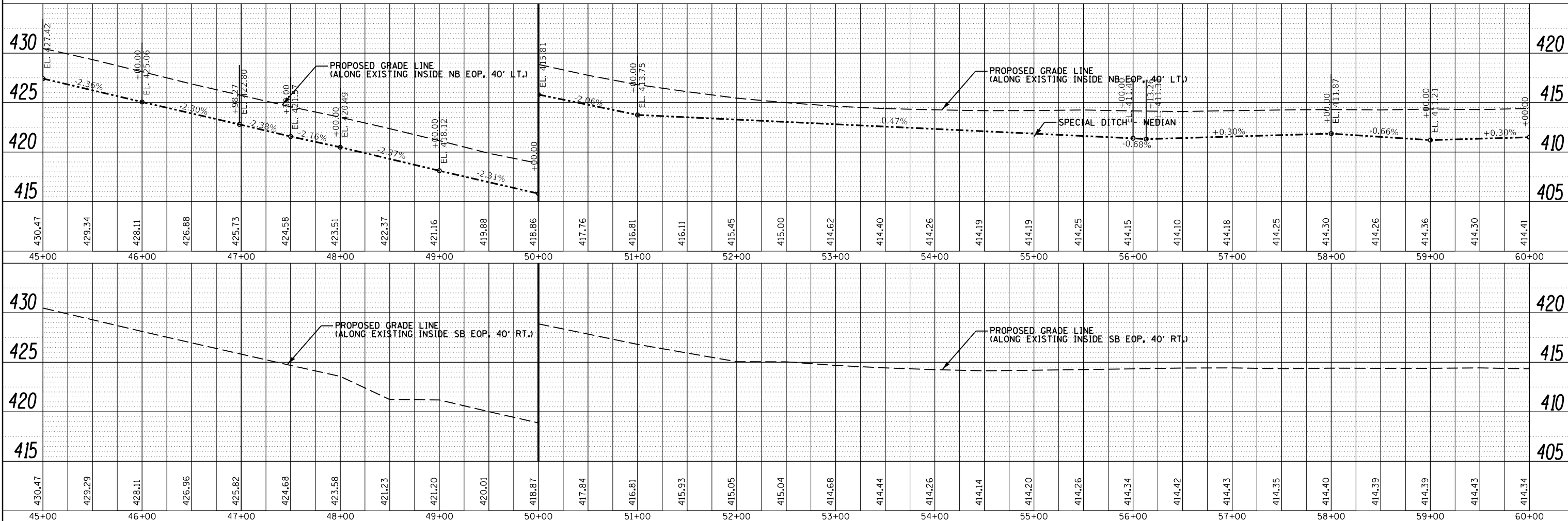
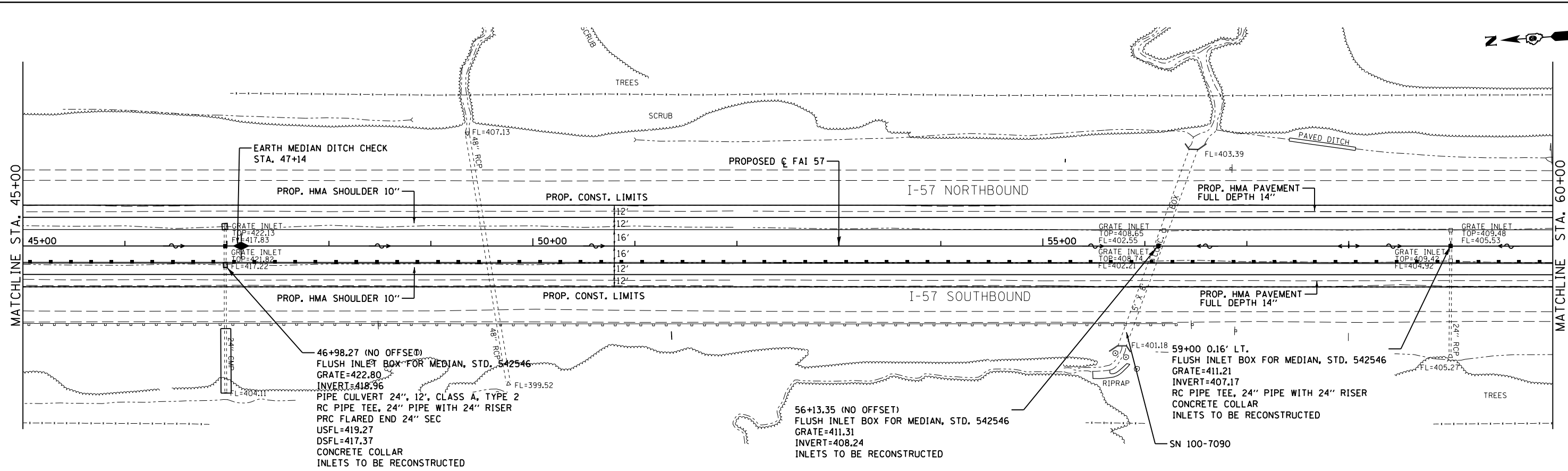
PLAN & PROFILE

SCALE: 1"=50' SHEET 7 OF 16 SHEETS STA. 30+00 TO STA. 45+00

F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	40
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	DATE	



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
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	PLOT DATE = 8/16/2018	CHECKED - 11/26/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE

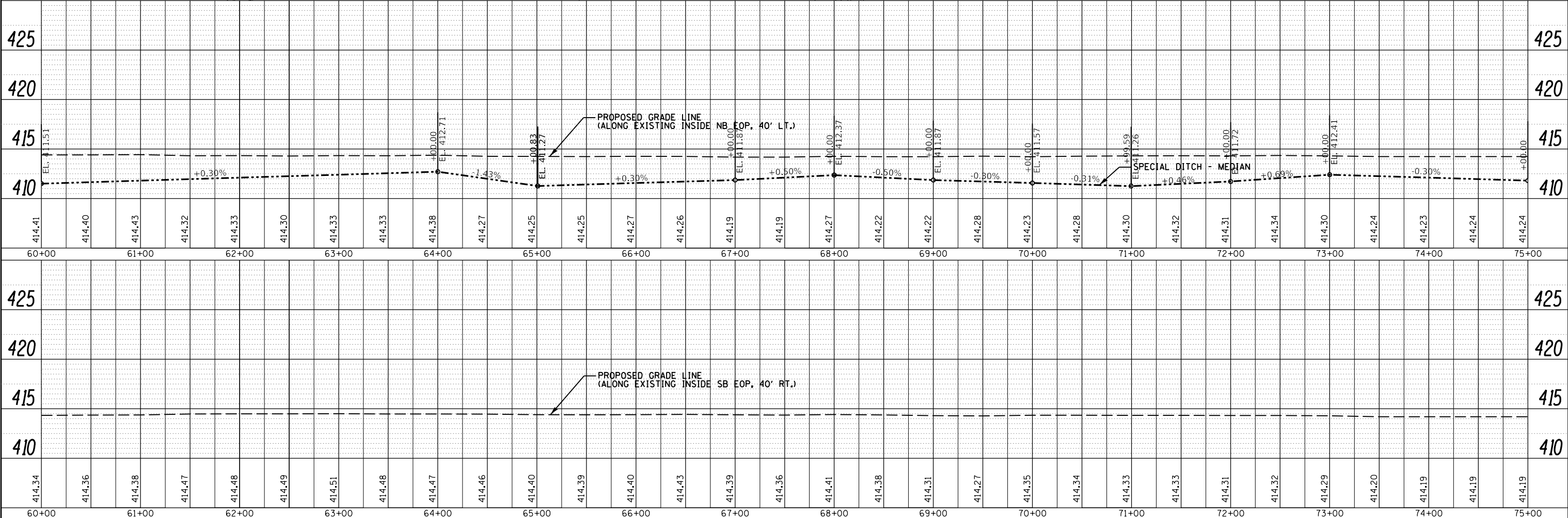
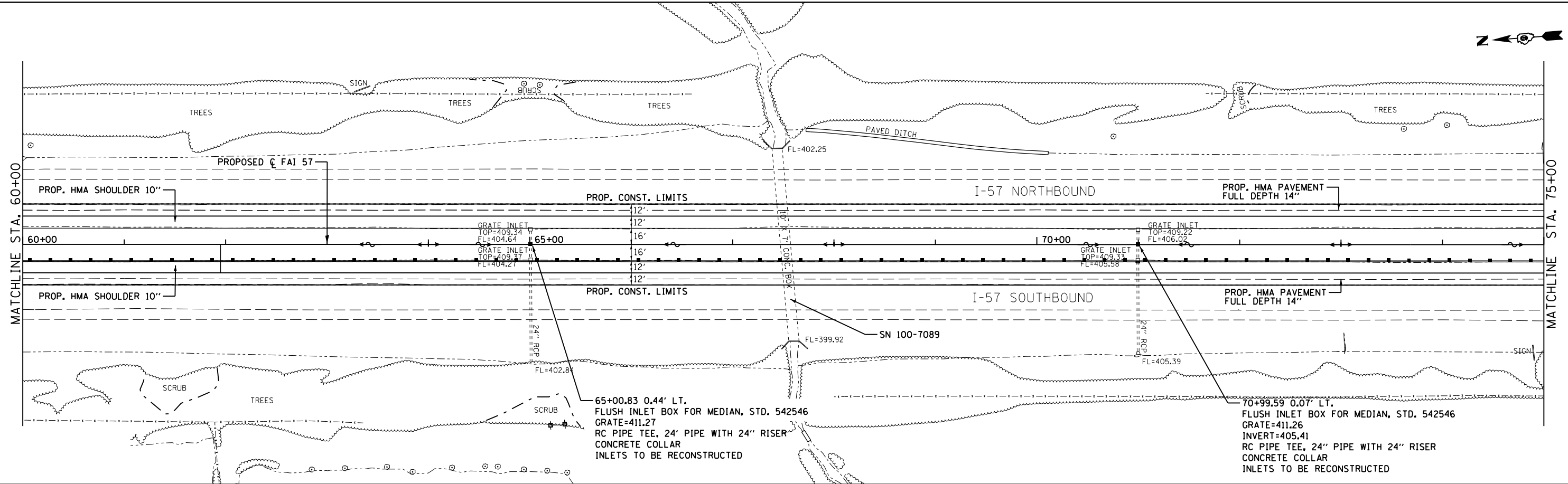
SCALE: 1"=50' SHEET 8 OF 16 SHEETS STA. 45+00 TO STA. 60+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	41
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	



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

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



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
Default		CHECKED - SLD	REVISED -
		DATE - 11/26/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

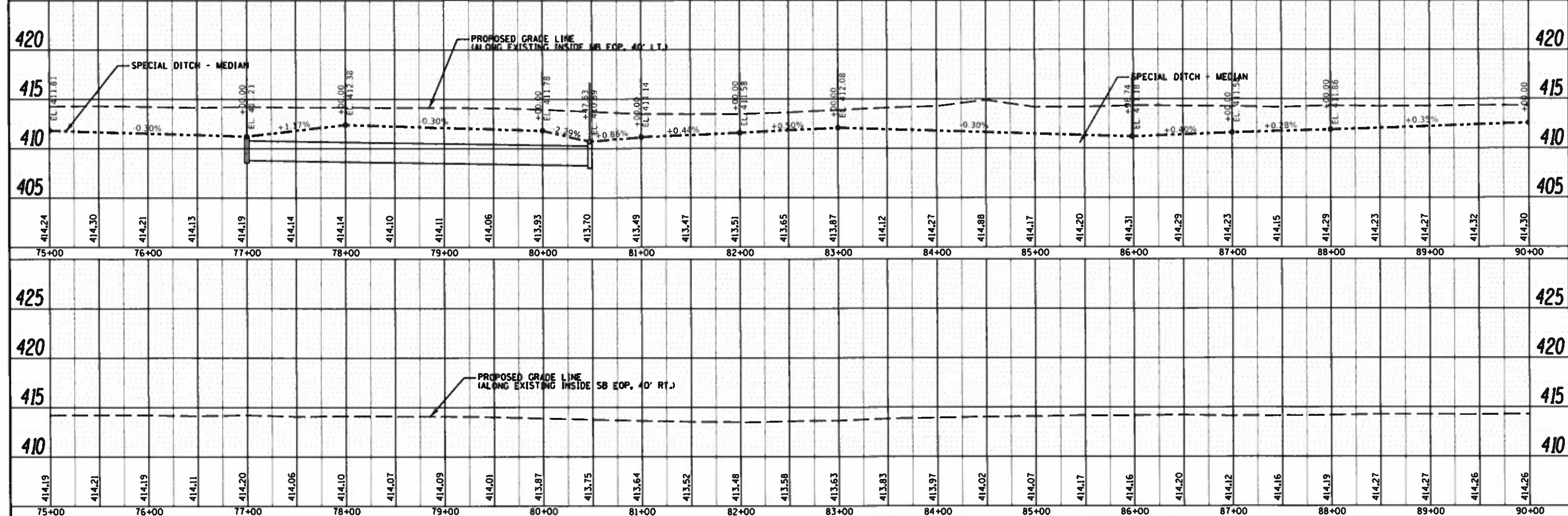
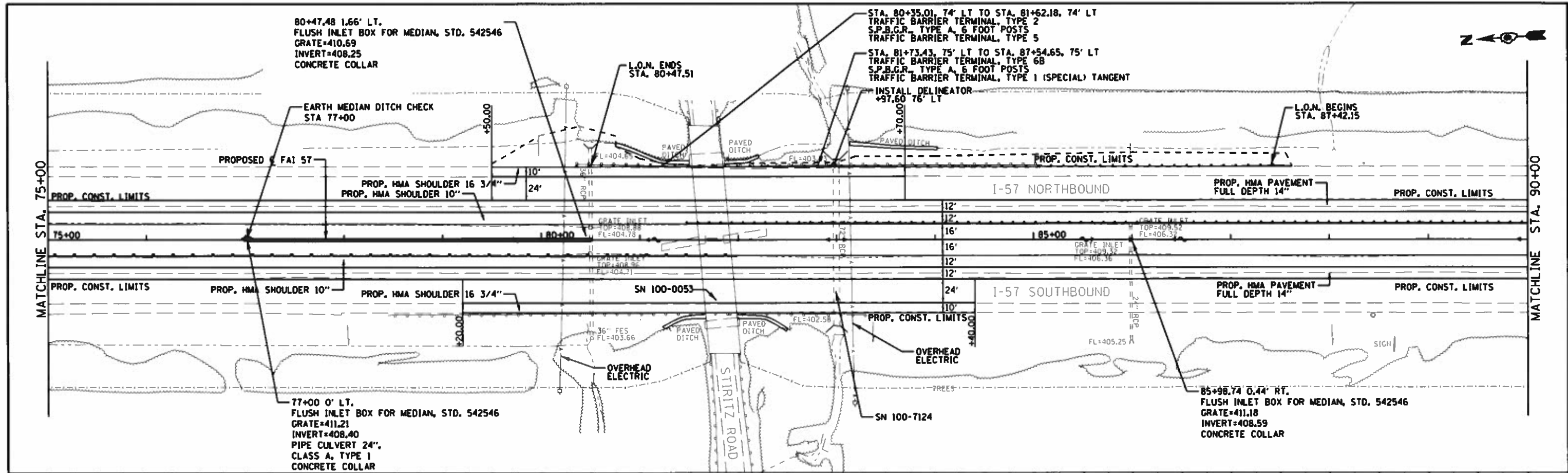
PLAN & PROFILE

SCALE: 1"=50' SHEET 9 OF 16 SHEETS STA. 60+00 TO STA. 75+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	42
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

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

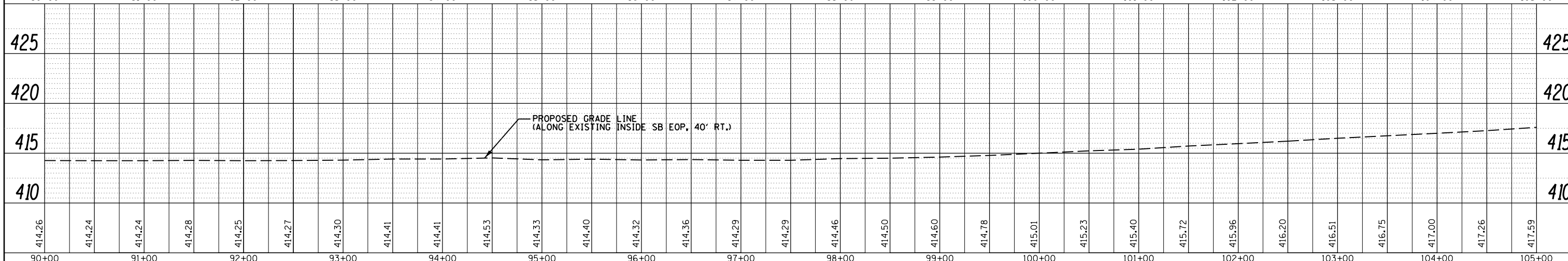
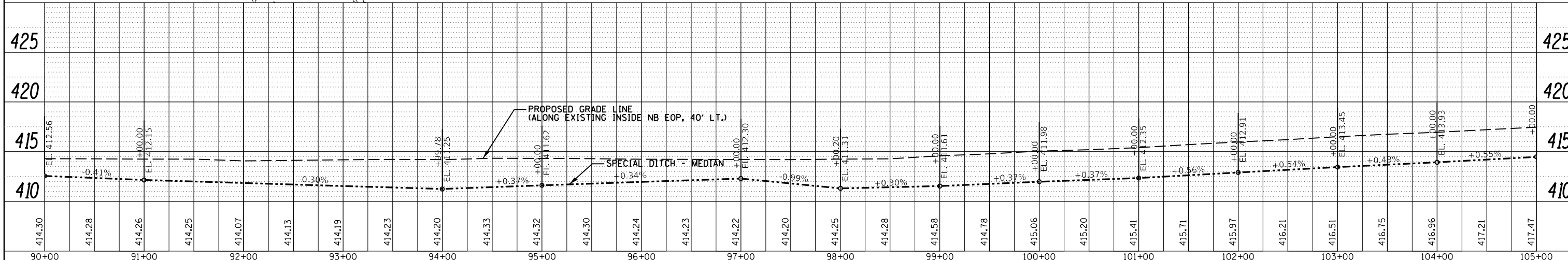
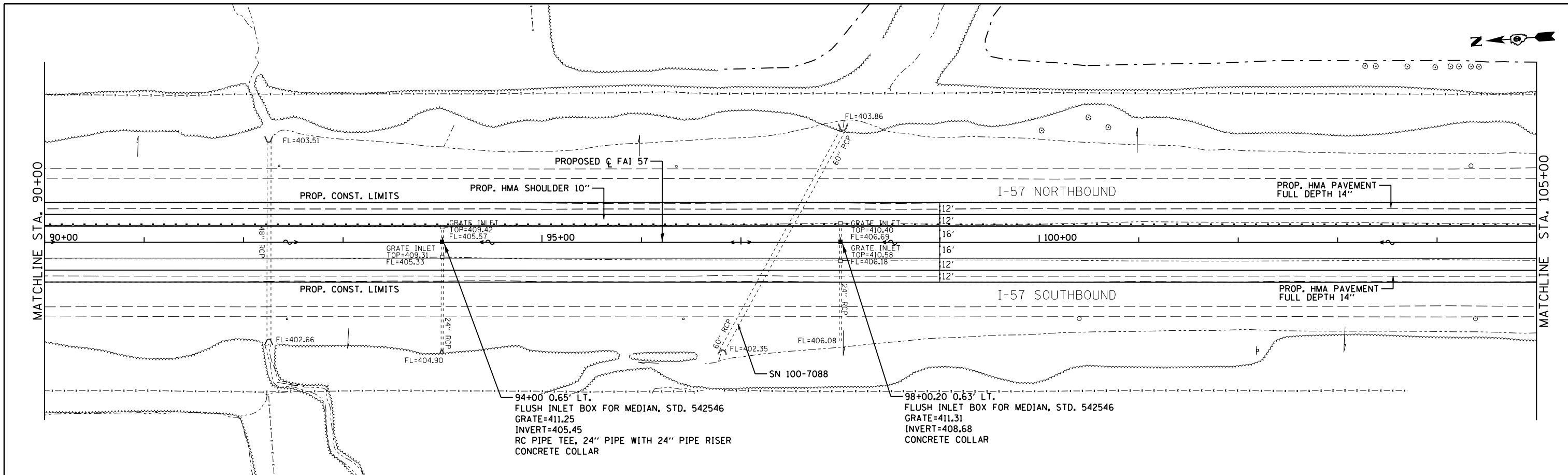
PROFILE	SUBMITTED	DATE
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	



FILE NAME :	USER NAME :	DESIGNED :	REVISED :	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...	pritchettj	JRD	-	57	1X1-4R-2+28-5-1,28-5R-1	FRANKLIN/ WILKINSON	191	43
...	...	SLD	-	CONTRACT NO. 78363		ILLINOIS FED. AID PROJECT		
...	...	DATE :	REVISED :	SCALE:	SHEET	OF	SHEETS	STA. TO STA.
...	...	11/26/13	-	1"=50'	10	16		75+00 TO 90+00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
Default		CHECKED - SLD	REVISED -
		DATE - 11/26/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

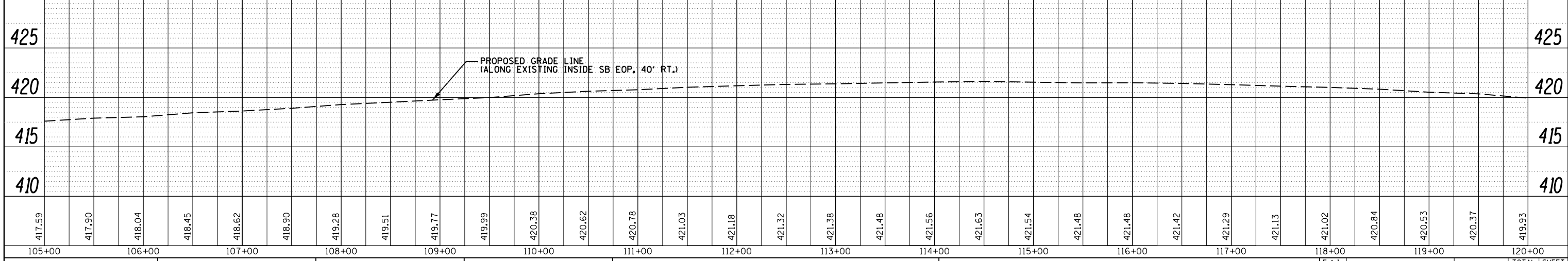
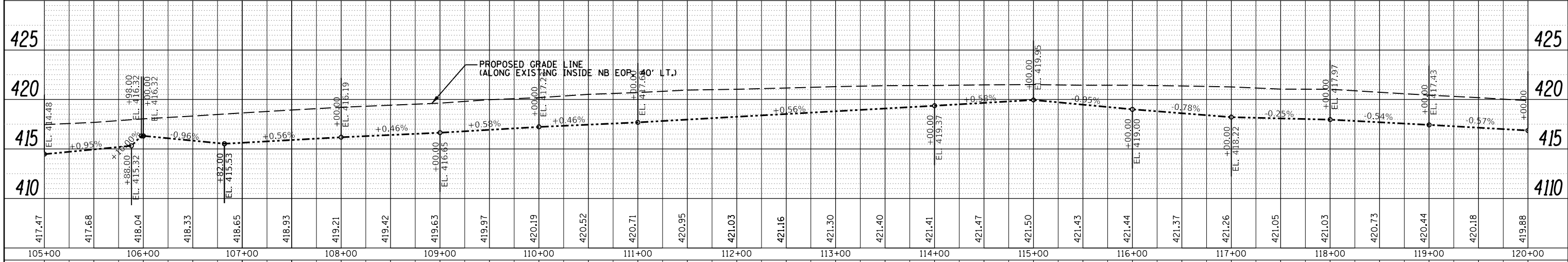
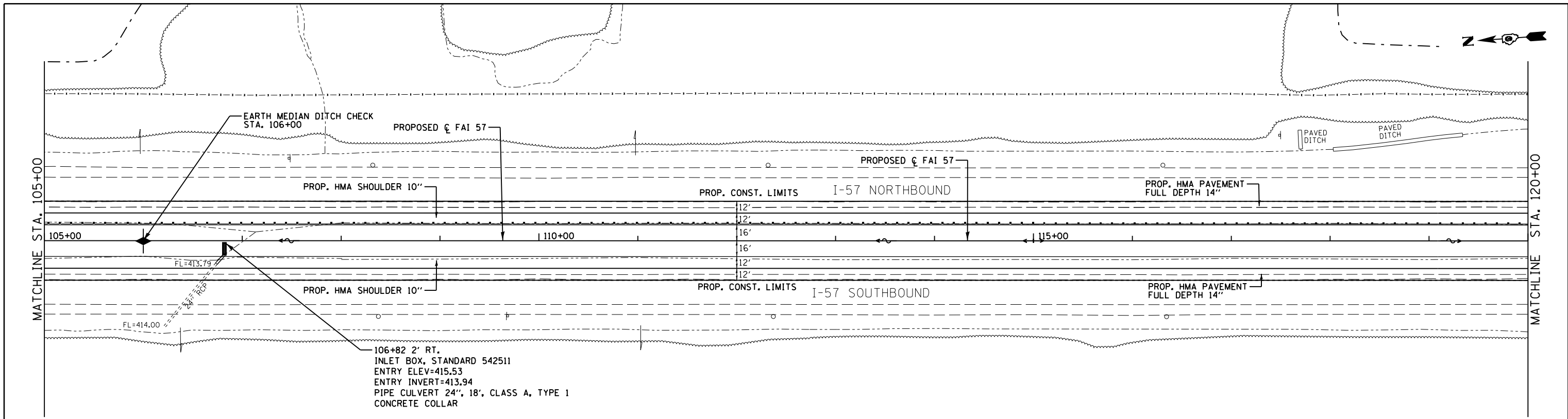
PLAN & PROFILE

SCALE: 1"=50' SHEET 11 OF 16 SHEETS STA. 90+00 TO STA. 105+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	44
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
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	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

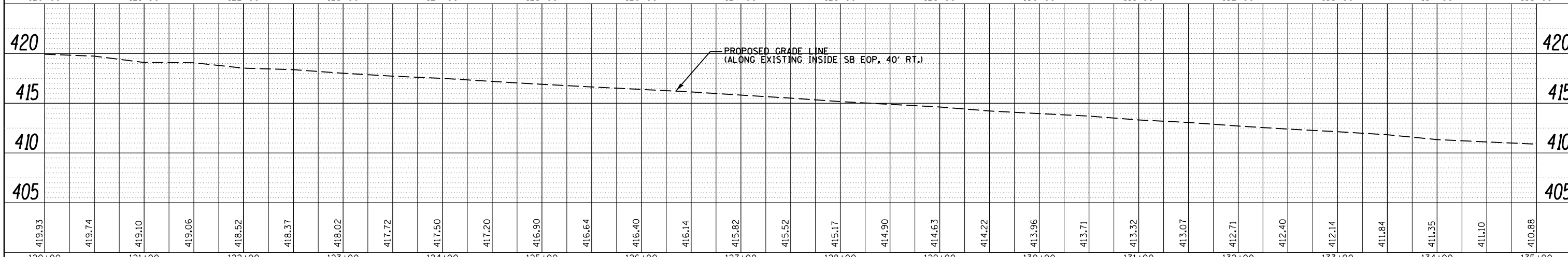
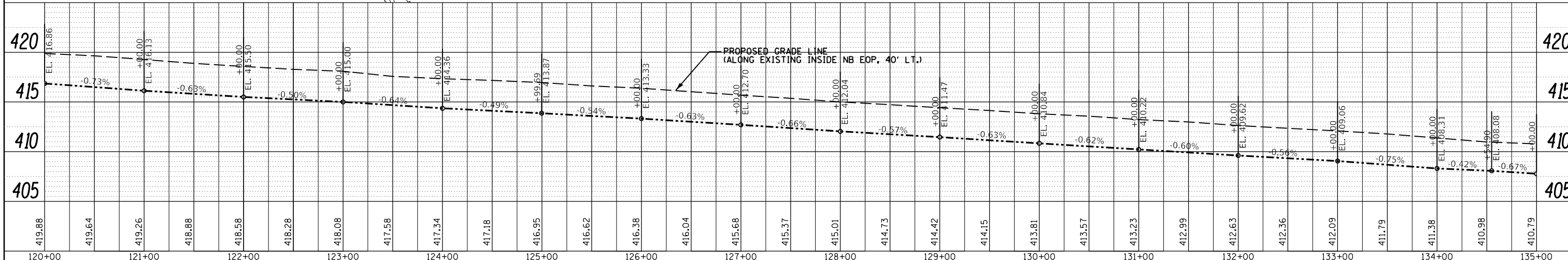
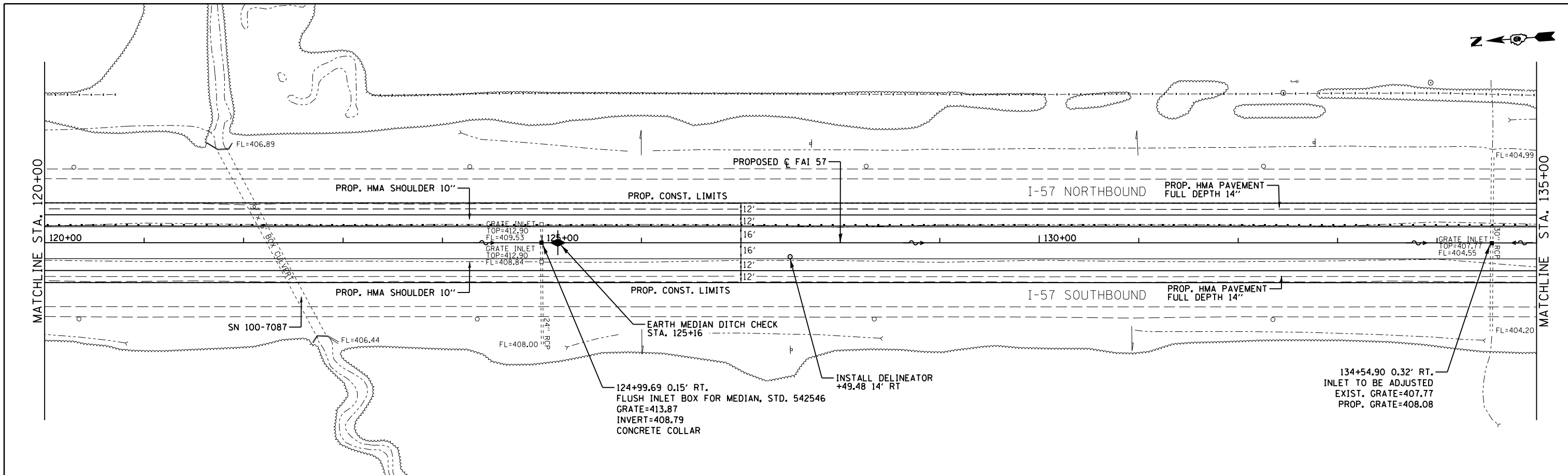
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE SCALE: 1"=50' SHEET 12 OF 16 SHEETS STA. 105+00 TO STA. 120+00	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11084EBIDINTEG\Illinois.gov\PI00T\Documents\100T Offices\District 9\Projects\78363\DRAWN\CAD\Sheets\MSR-D978363-plnprf12-11	DRAWN - MSR	CHECKED - SLD	REVISED -			57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	45	
Default	PLOT SCALE = 100.0000' / in.	DATE - 11/26/13	REVISED -			CONTRACT NO. 78363					
	PLOT DATE = 8/16/2018					ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED - SLD	REVISED -	57	(X1-4)R-2(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	46
		DATE - 11/26/13	REVISED -	CONTRACT NO. 78363				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE

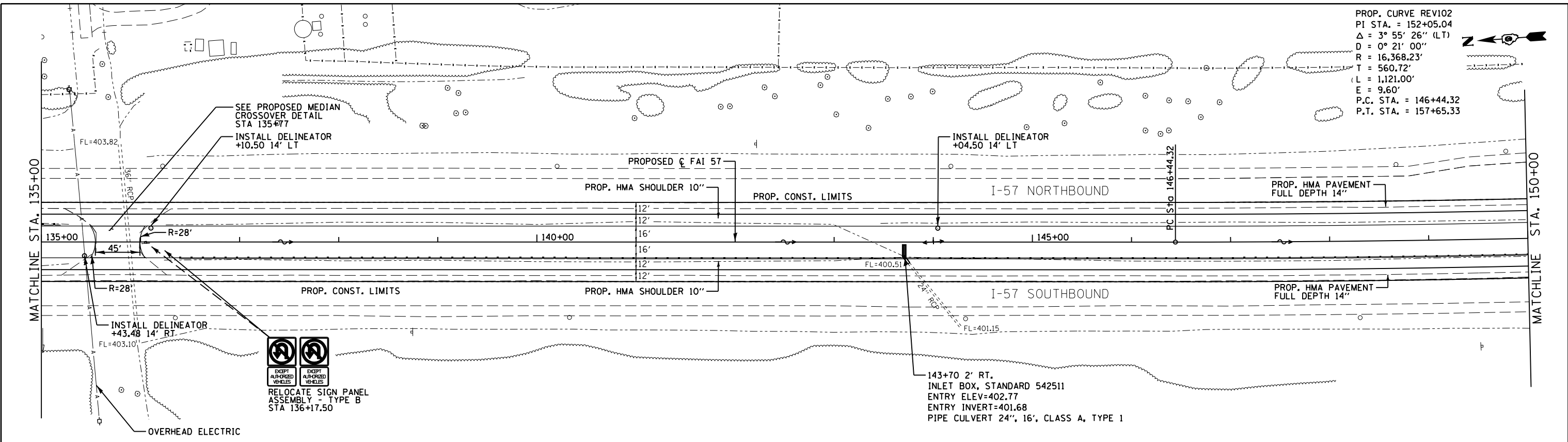
SCALE: 1"=50' SHEET 13 OF 16 SHEETS STA. 120+00 TO STA. 135+00

ILLINOIS FED. AID PROJECT

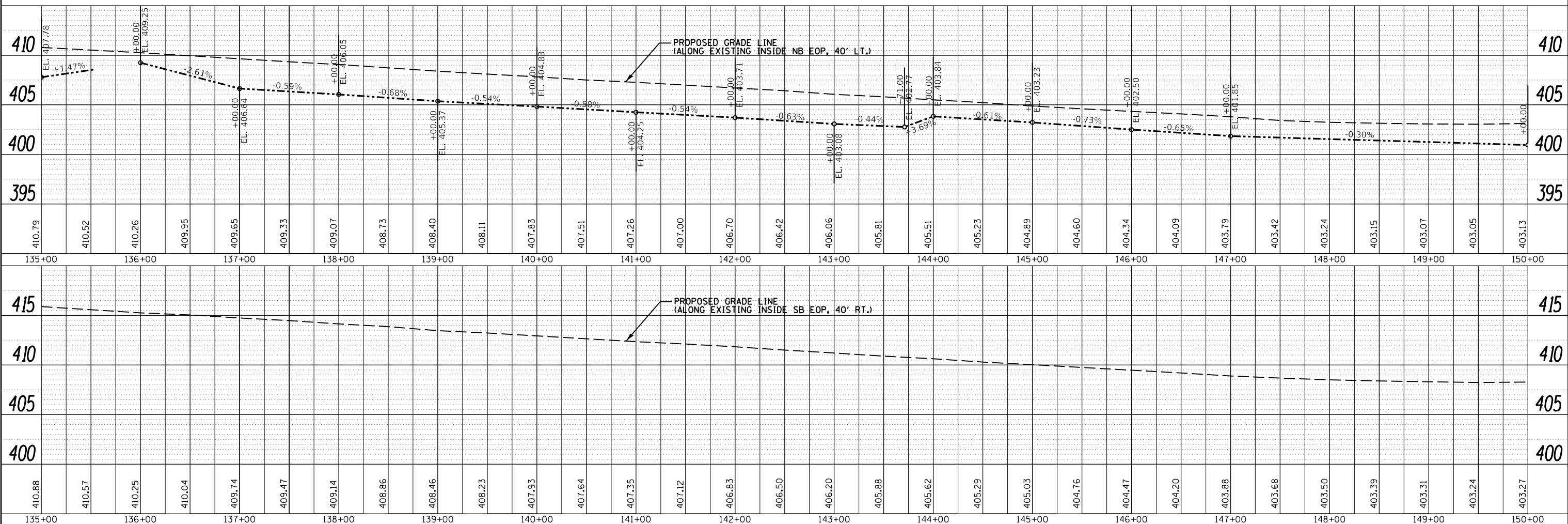
PROP. CURVE REV102
 PI STA. = 152+05.04
 $\Delta = 3^\circ 55' 26''$ (LT)
 $D = 0^\circ 21' 00''$
 $R = 16,368.23'$
 $T = 560.72'$
 $L = 1,121.00'$
 $E = 9.60'$
 P.C. STA. = 146+44.32
 P.T. STA. = 157+65.33



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED - SLD	REVISED -	57	(X1-4)R-2(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	47
	PLOT DATE = 8/16/2018	DATE = 11/26/13	REVISED -	SCALE: 1"=50'		SHEET 14 OF 16 SHEETS		CONTRACT NO. 78363

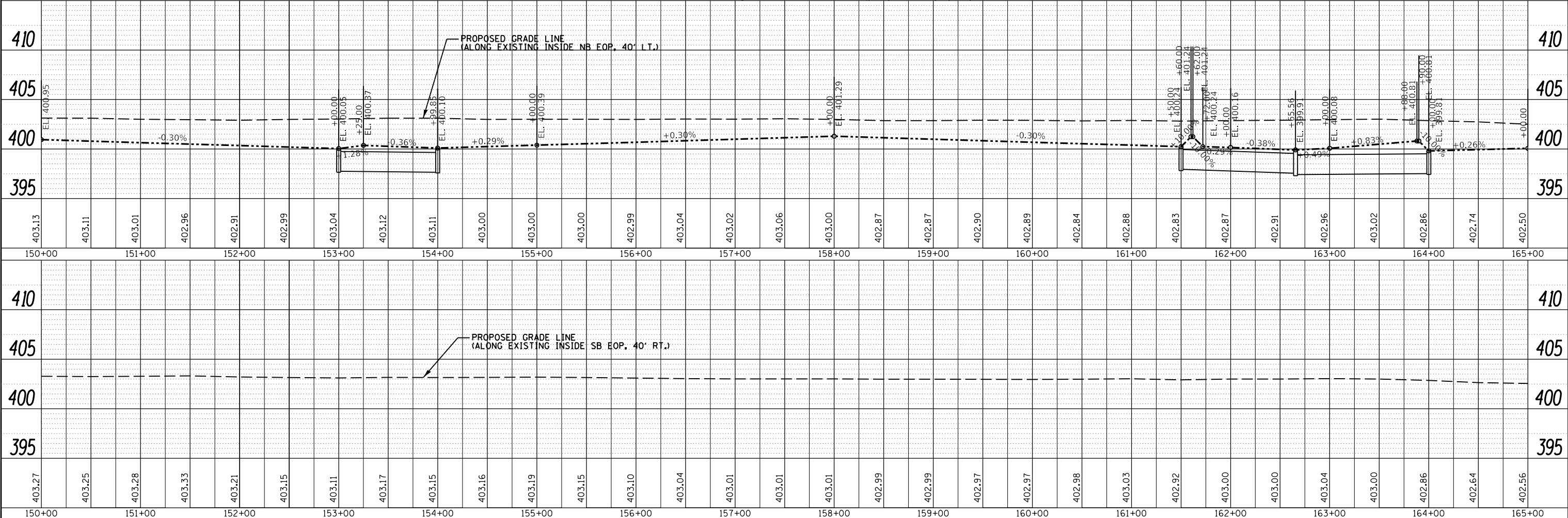
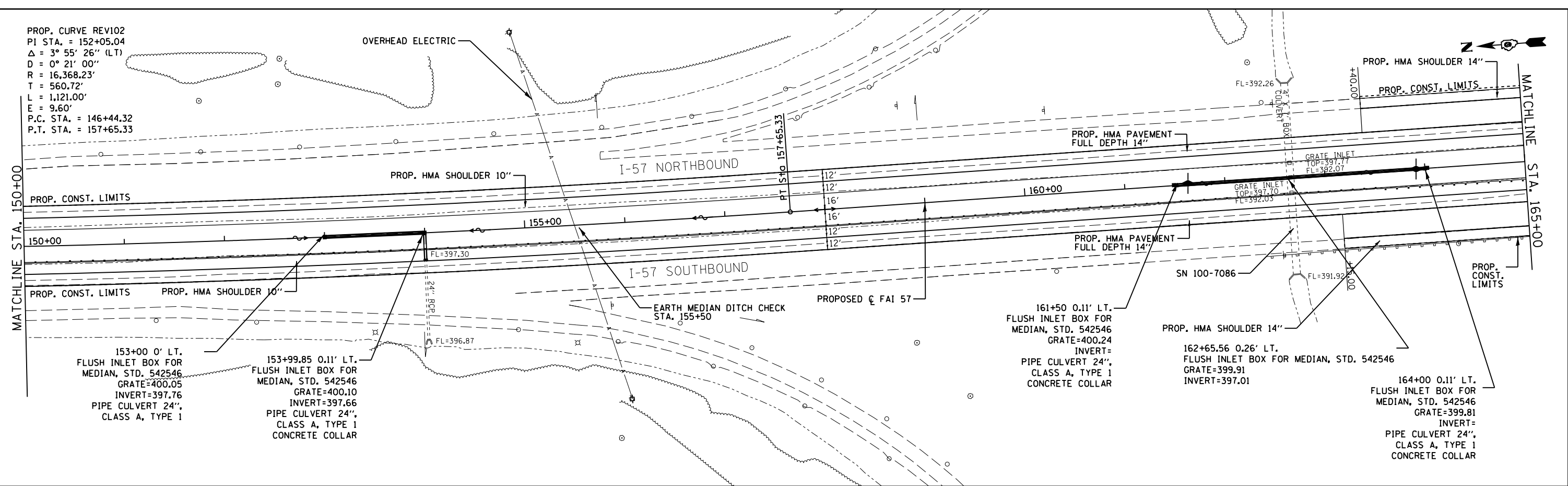
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE

PROP. CURVE REV102
 PI STA. = 152+05.04
 $\Delta = 3^\circ 55' 26''$ (LT)
 $D = 0^\circ 21' 00''$
 $R = 16,368.23'$
 $T = 560.72'$
 $L = 1,121.00'$
 $E = 9.60'$
 P.C. STA. = 146+44.32
 P.T. STA. = 157+65.33

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

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



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
Default		CHECKED - SLD	REVISED -
		DATE - 11/26/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

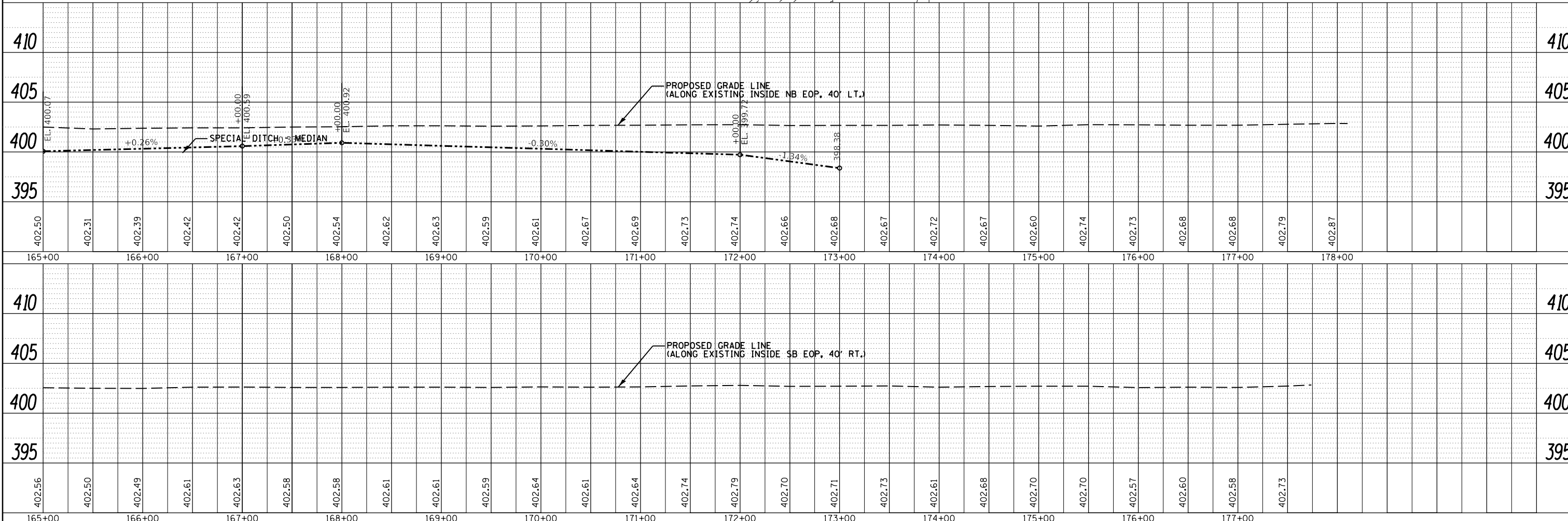
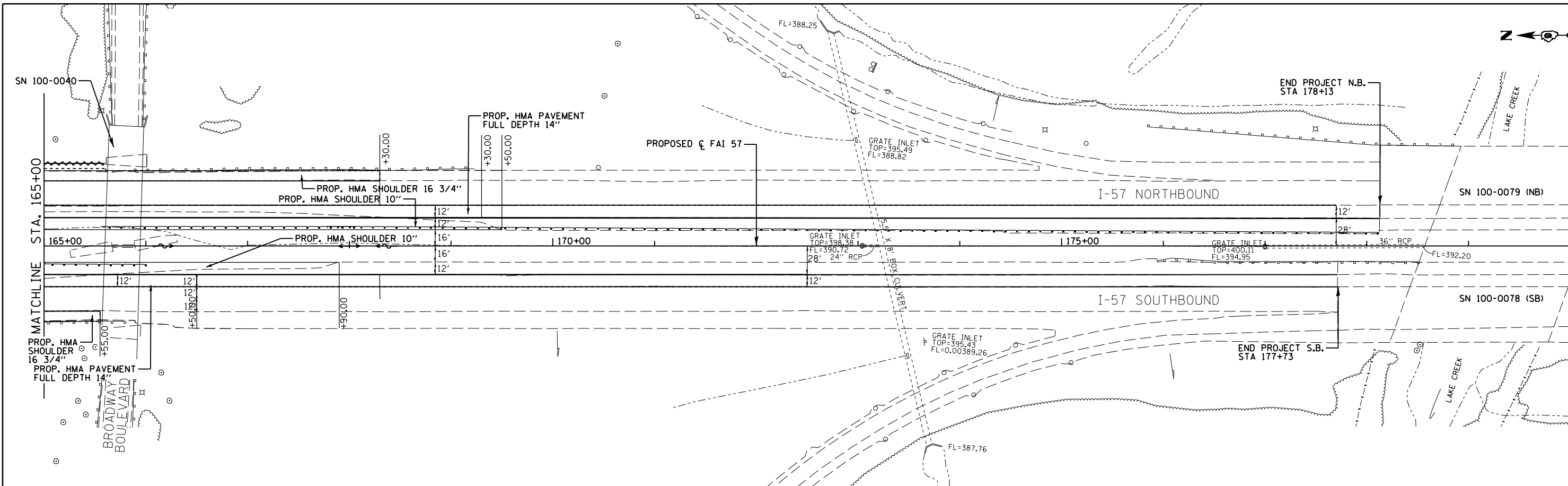
PLAN & PROFILE

SCALE: 1"=50' SHEET 15 OF 16 SHEETS STA. 150+00 TO STA. 165+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	48
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
Default	DATE = 8/16/2018	CHECKED - SLD	REVISED -
		DATE = 11/26/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE

SCALE: 1"=50' SHEET 16 OF 16 SHEETS STA. 165+00 TO STA. 180+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	49
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

STAGE 1

TRAFFIC:

- * INSTALL SIGNING PER TRAFFIC CONTROL STANDARDS, DETAILS , AS REQUIRED
- * SET UP LANE CLOSURES FOR SHOULDER CONSTRUCTION

ROADWAY CONSTRUCTION:

- * REMOVE EXISTING OUTSIDE SHOULDES
- * CONSTRUCT FULL DEPTH HMA SHOULDERS
- * INSTALL GUARDRAIL

STAGE 2

TRAFFIC:

- * INSTALL SIGNING PER TRAFFIC CONTROL STANDARDS, DETAILS, AS REQUIRED.
- * INSTALL "ALL TRUCKS USE LEFT LANE" SIGN SHOWN ON STAGING AND SIGN DETAIL SHEET AT 2 MILES SPACING THOUGHOUT THE LIMITS OF CONSTRUCTION.
- * SHIFT 2 LANES OF TRAFFIC TOWARD THE OUTSIDE SHOULDER AT A 55:1 TAPER. MAINTAIN TRAFFIC ON THE EXISTING LANES AND THE OUTSIDE SHOULDER TO CONSTRUCT LEFT LANE AND INSIDE SHOULDER.

ROADWAY CONSTRUCTION:

- * INSTALL DRAINAGE STRUCTURES/PIPES.
- * CONSTRUCT THE NEW INSIDE LANE AND INSIDE SHOULDER
- * CONSTRUCT TURNAROUNDS
- * INSTALL GUARDRAIL.
- * FINAL GRADING AND SEEDING.
- * INSTALL CABLE GUARDRAIL

STAGE 3

TRAFFIC:

- * INSTALL SIGNING PER TRAFFIC CONTROL STANDARDS, DETAILS, AS REQUIRED.
- * INSTALL TEMPORARY CONCRETE BARRIER
- * SET UP LANE CLOSURES FOR FULL DEPTH PAVEMENT CONSTRUCTION AT OVERPASSES.
- * TWO LANES WILL BE OPEN DURING PEAK HOURS

ROADWAY CONSTRUCTION:

- * CONSTRUCT FULL DEPTH PAVEMENT IN THE MIDDLE LANE
- * ALL WORK WILL BE DONE DURING OFF PEAK HOURS

STAGE 4

TRAFFIC:

- * INSTALL SIGNING PER TRAFFIC CONTROL STANDARDS, DETAILS, AS REQUIRED.
- * SET UP LANE CLOSURES FOR FULL DEPTH PAVEMENT CONSTRUCTION AT OVERPASSES.

ROADWAY CONSTRUCTION:

- * CONSTRUCT FULL DEPTH PAVEMENT IN THE OUTSIDE LANE
- * MILL OUTSIDE SHOULDER AND RESURFACE TO MATCH PROPSED GRADE
- * VERTICALLY ADJUST GUARDRAIL

STAGE 5

TRAFFIC:

- * INSTALL SIGNING PER TRAFFIC CONTROL STANDARDS, DETAILS, AS REQUIRED.

ROADWAY CONSTRUCTION:

- * MILL AND OVERLAY TWO EXISTING LANES.
- * INSTALL STRIPING.
- * MILLED SURFACES SHALL BE RESURFACED BEFORE OPENING THE LANES FOR PEAK HOUR TRAFFIC

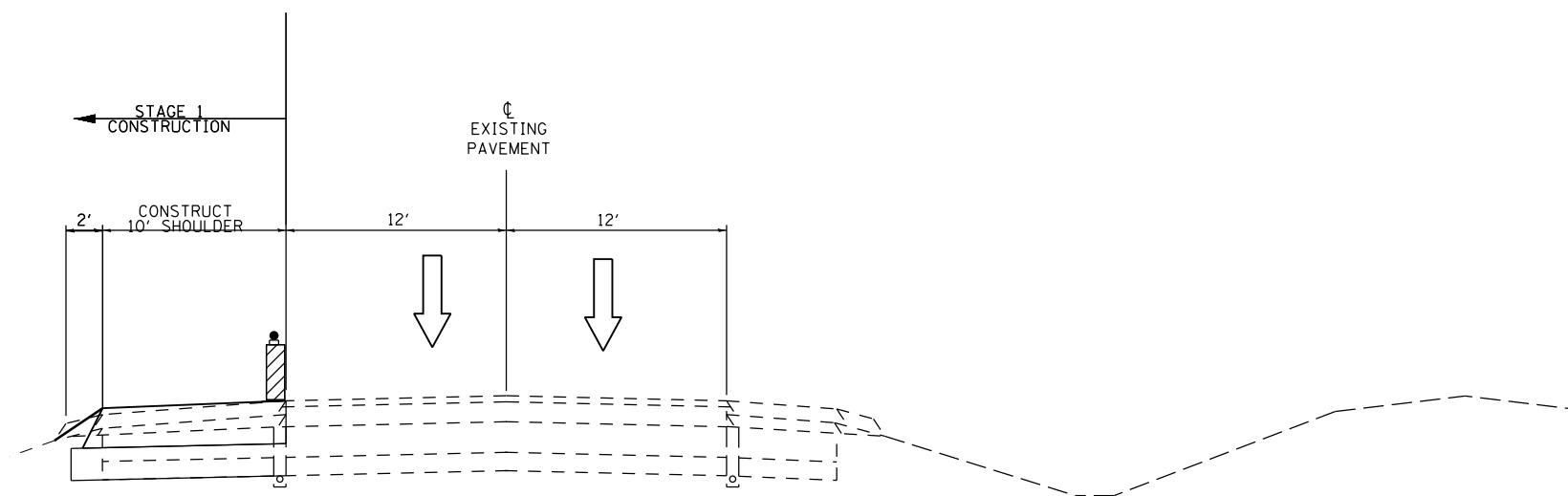
MAINTENANCE OF TRAFFIC GENERAL NOTES

THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AS REQUIRED OR AS DIRECTED BY THE ENGINEER THROUGHOUT THE CONSTRUCTION ZONE FOR THE PERIOD OF THE CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTHWORK AND DRAINAGE STRUCTURES.

ALL ADVANCE "ROAD WORK" SIGNS, W20-1 SERIES, AS SHOWN ON THE PLANS, REFERENCED IN THE STANDARDS OR DIRECTED BY THE ENGINEER, SHALL BE EQUIPPED WITH A TYPE B MONODIRECTIONAL FLASHING LIGHT AND AN 18"x18" ORANGE WARNING FLAG. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.

EXISTING PAVEMENT MARKINGS IN CONFLICT WITH MAINTENANCE OF TRAFFIC STRIPING SHALL BE REMOVED.

FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL INTERSTATE 57	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIDOTDocuments\DOT Offices\District 9\Projects\78363-DRAWING\CA\Sheet\950-D978363-shr-101-11-13.dwg	CHECKED - SLD	REVISED -	57			(X1-4R-2428-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	176	50	
PLOT SCALE = 100.0000' / in.	DATE - 11/26/13	REVISED -	CONTRACT NO. 78363							
PLOT DATE = 8/16/2018	DATE - 11/26/13	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS				

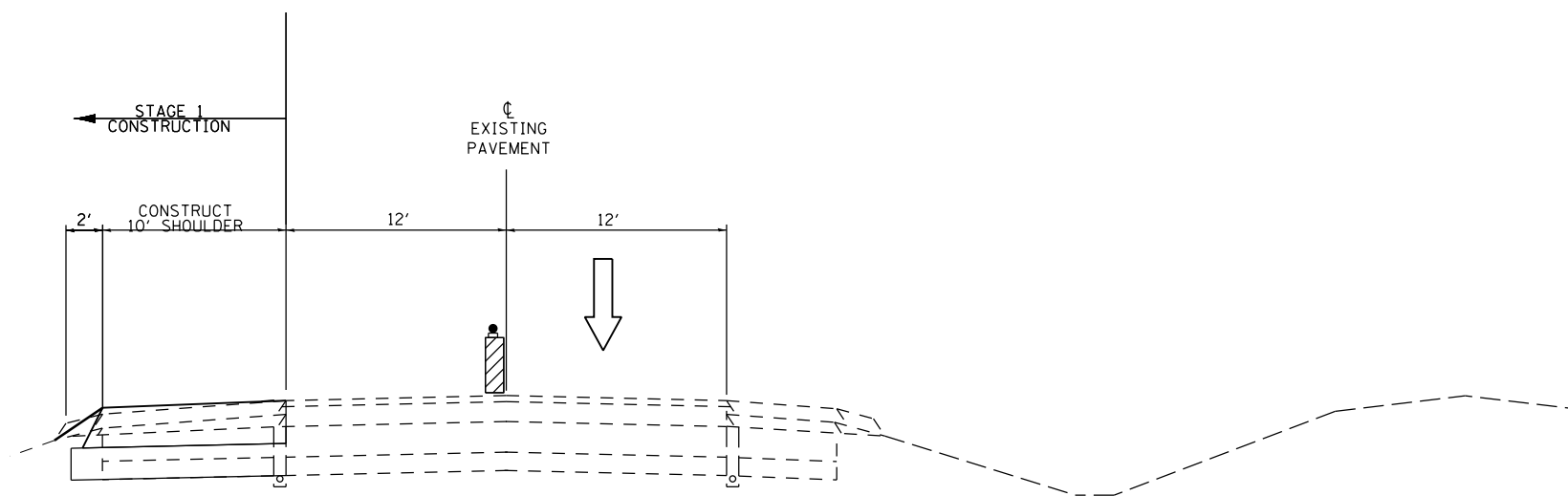


STAGE 1 PEAK HOUR

REMOVE AND REPLACE OUTSIDE SHOULDER

SOUTHBOUND
 STA 236+60 TO STA 241+84
 STA 79+20 TO STA 84+40
 STA 163+15 TO STA 165+55

NORTHBOUND
 STA 236+35 TO STA 241+80
 STA 79+50 TO STA 83+70
 STA 163+40 TO STA 168+30



STAGE 1 OFF PEAK HOUR

REMOVE AND REPLACE OUTSIDE SHOULDER

MODEL: Default
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	DRAWN -	REVISED -
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PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

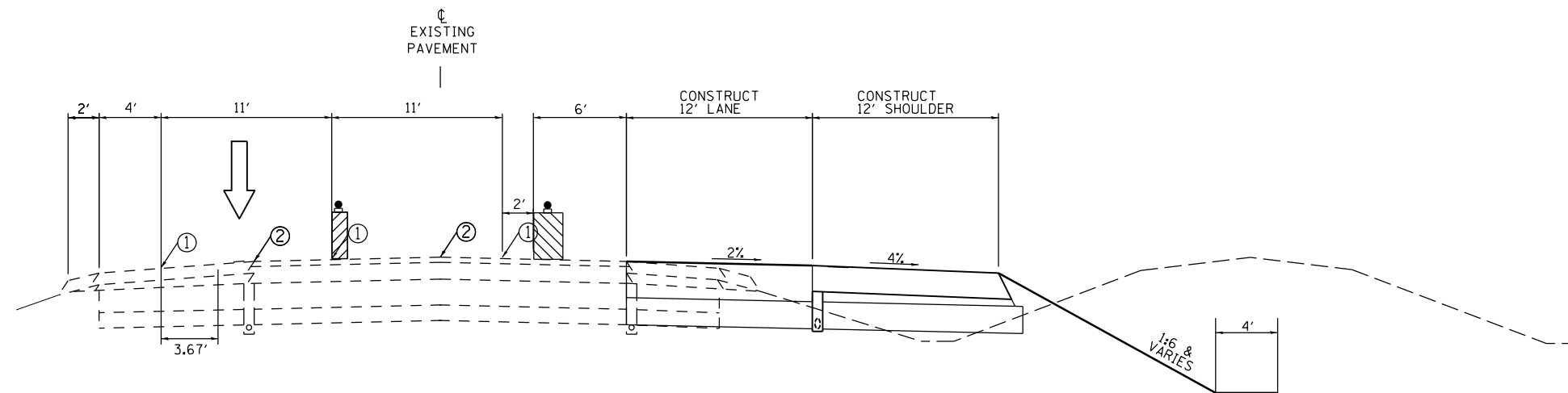
STAGE 1 TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	-	191	51
			CONTRACT NO. 78363	
		ILLINOIS	FED. AID PROJECT	

** (X-4)R-2;(28-5-1,28-5)R-1

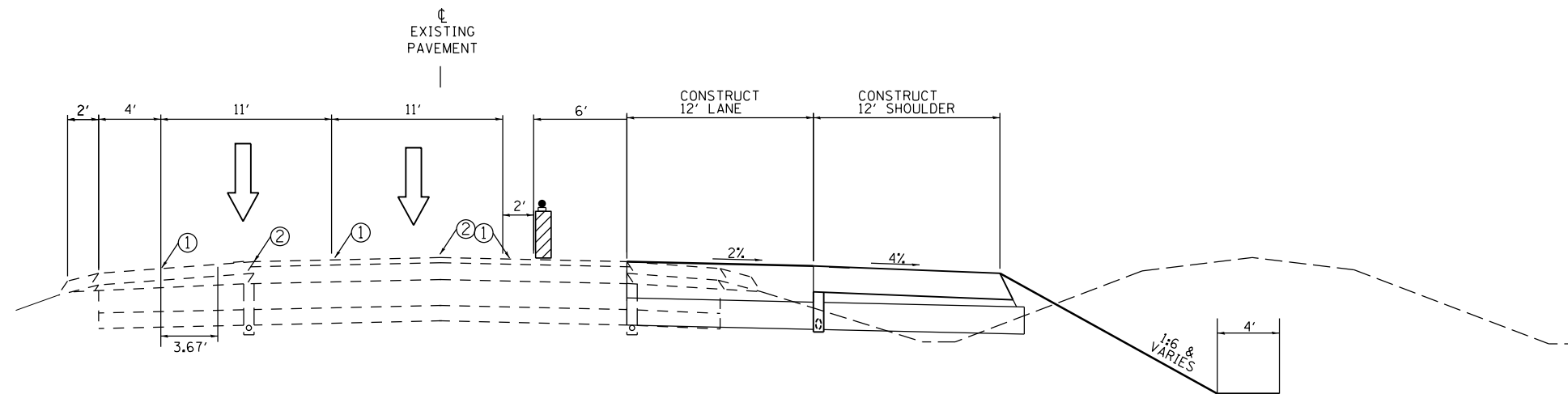
*FRANKLIN / WILLIAMSON



STAGE 2

OFF PEAK HOURS

SEE STAGING DETAILS FOR TEMPORARY CONCRETE BARRIER LOCATIONS



STAGE 2

PEAK HOURS

NORTHBOUND:
 STA. 242+00.00 - STA. 289+22.60 (FRANKLIN CO)
 STA. 0+02.25 - STA. 177+70.00 (WILLIAMSON CO)

SOUTHBOUND:
 STA. 242+00.00 - STA. 289+22.60 (FRANKLIN CO)
 STA. 0+02.25 - STA. 172+50.00 (WILLIAMSON CO)

- ① TEMPORARY PAVEMENT MARKING - LINE 4"
- ② REMOVE EXISTING STRIPE

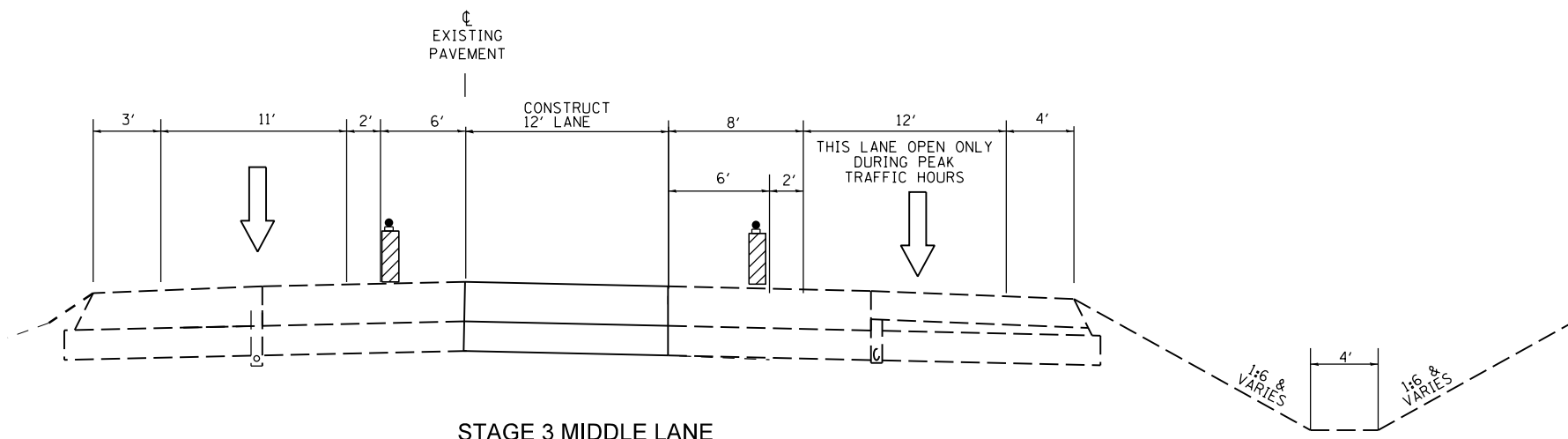
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	PLOT DATE = 8/16/2018		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STAGE 2 TYPICAL SECTIONS

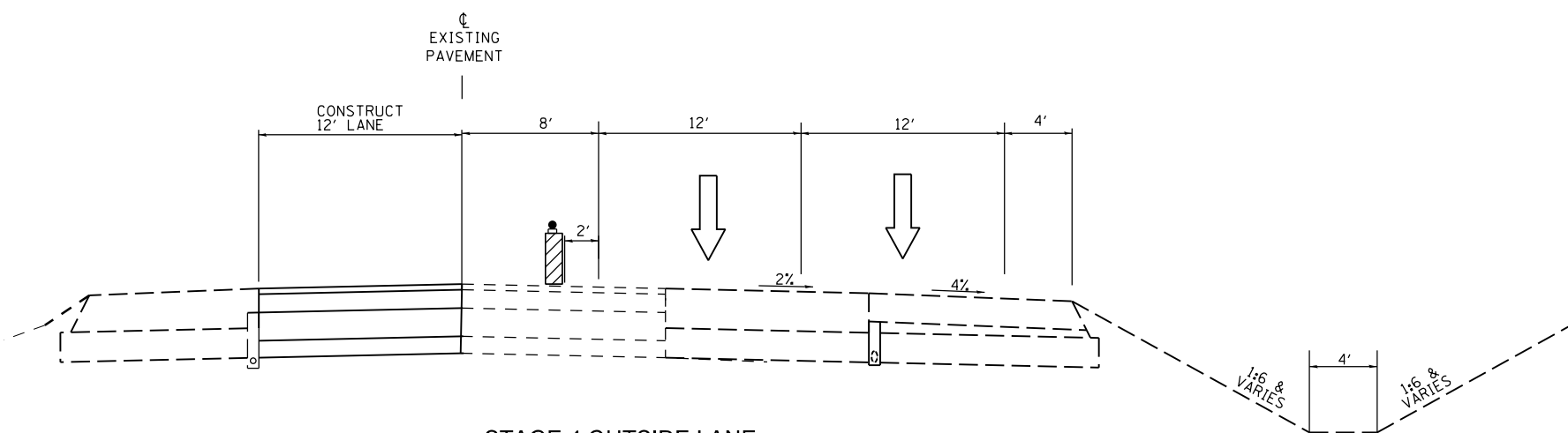
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEET

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	-	191	52
CONTRACT NO. 78363				



STAGE 3 MIDDLE LANE

WORK SHALL ONLY BE DONE DURING OFF PEAK TRAFFIC HOURS WITH ONE LANE OPEN. DURING PEAK TRAFFIC HOURS BOTH LANES WILL BE OPEN. REMOVE AND REPLACE MIDDLE LANE



STAGE 4 OUTSIDE LANE

SHIFT TRAFFIC TO THE MEDIAN LANE AND SHOULDER REMOVE AND REPLACE OUTSIDE LANE

NORTHBOUND
 STA 79+50 TO STA 83+70
 STA 163+40 TO STA 188+30

SOUTHBOUND
 STA 79+10 TO 84+50
 STA 163+40 TO STA 168+30

MODEL: Default
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	DRAWN -	REVISED -
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PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

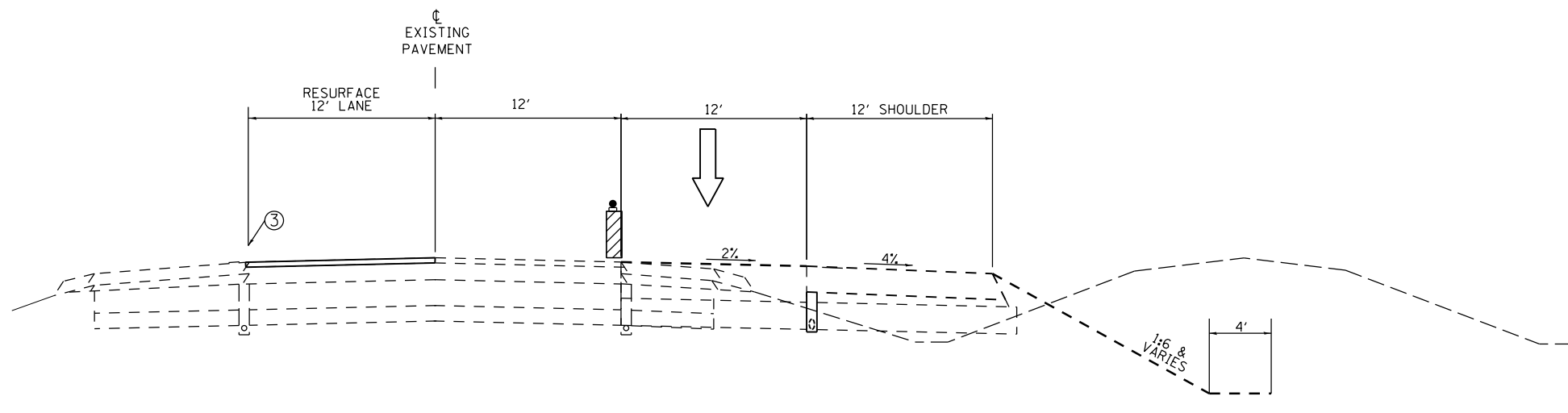
STAGE 3 AND STAGE 4

SCALE: SHEET OF SHEETS STA. TO STA.

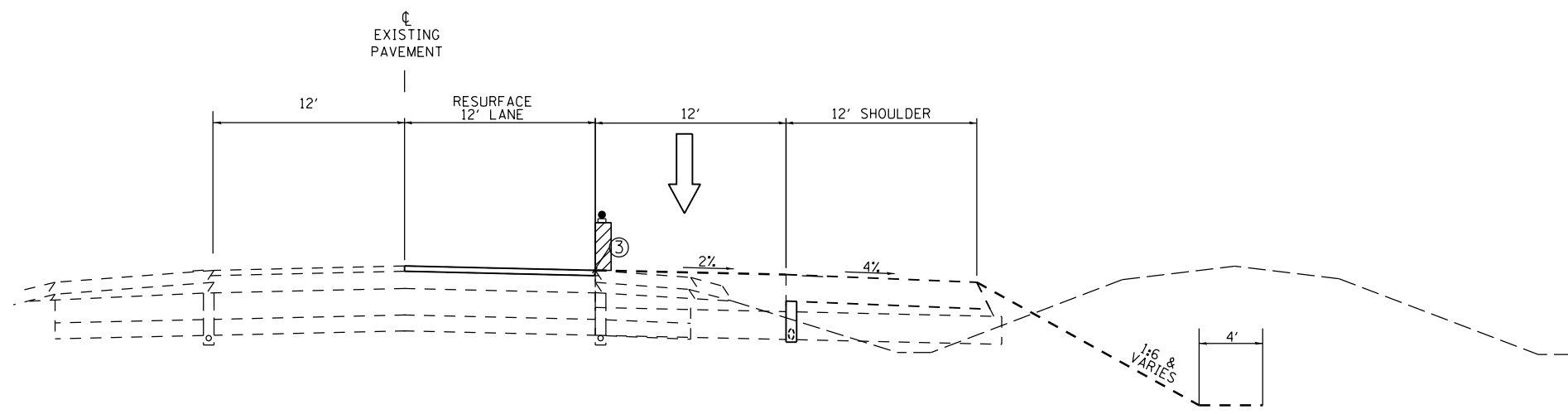
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	*	191	53
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

** (X-4)R-2;(28-5-1,28-5)R-1

*FRANKLIN / WILLIAMSON



STAGE 5 DURING OFF PEAK HOURS



STAGE 5 DURING OFF PEAK HOURS

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -
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	PLOT DATE = 8/16/2018	DATE -	REVISED -

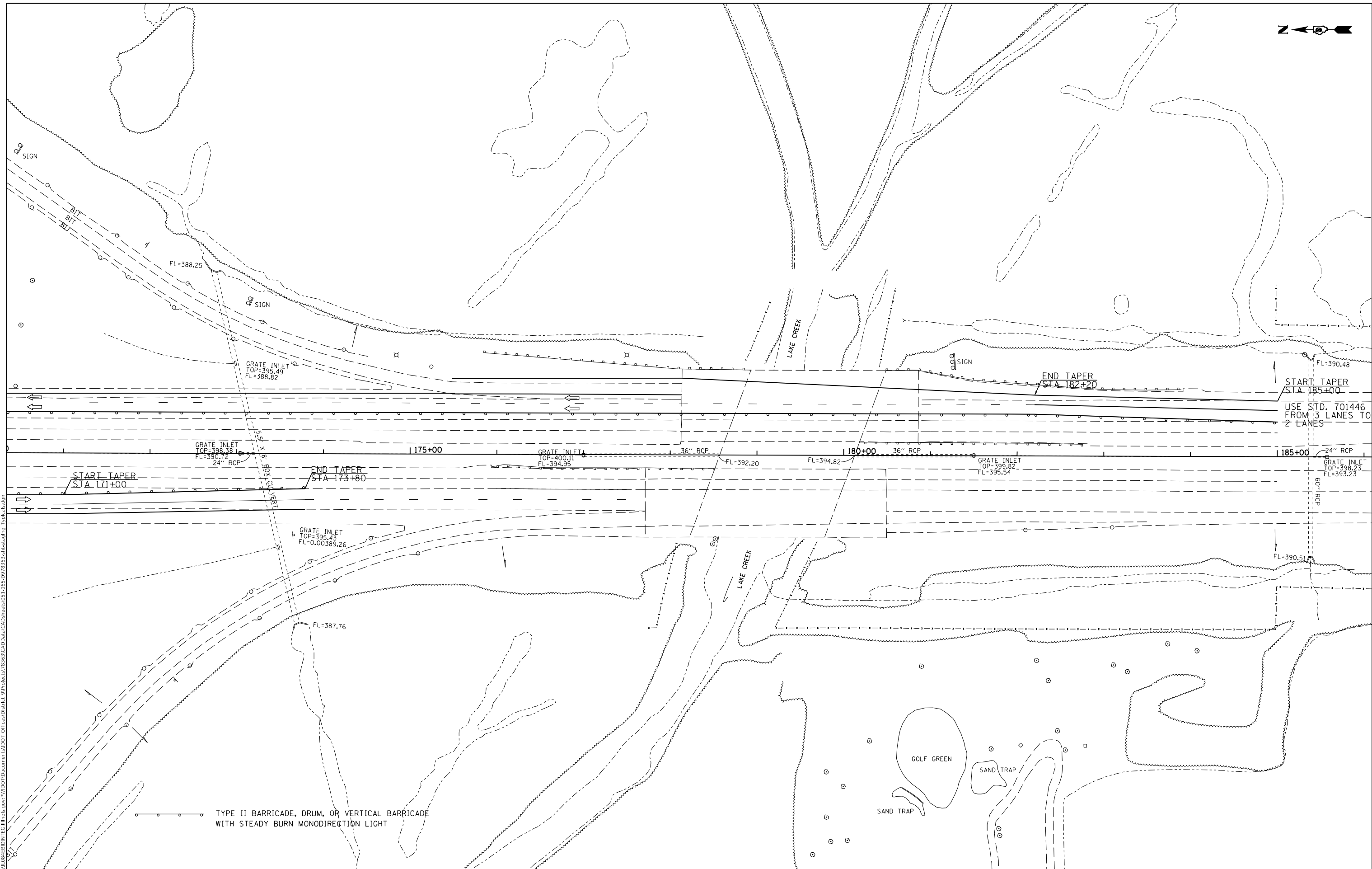
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGING TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	-	191	54
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT			FRANKLIN / WILLIAMSON	

**(X-4)R-2;(28-5-1,28-5)R-1



TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTION LIGHT

MODEL: Default
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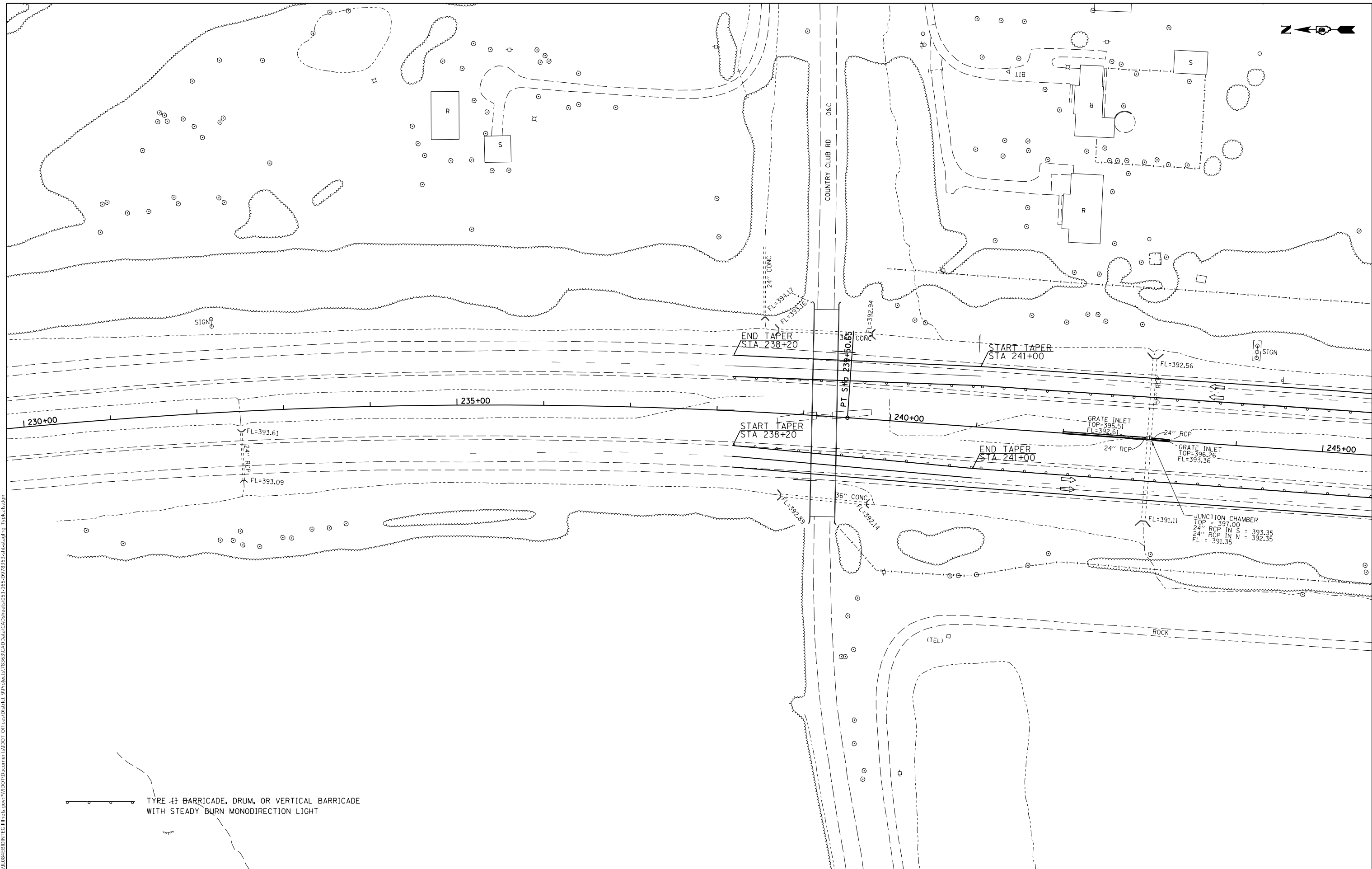
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 2 WORK ZONE PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	-	191	55
CONTRACT NO. 78363				



TYRE BARRICADE, DRUM, OR VERTICAL BARRICADE
 WITH STEADY BURN MONODIRECTION LIGHT

MODEL: Default
 FILE: \\mhc-pw\ulb\BID\NTEC\Illinois\pwr\WIDOT\Documents\DOT_Offices\Director\9\Projects\78363\CaddData\CAD\sheet051-085-097\285-1-28-5-R-1.dgn

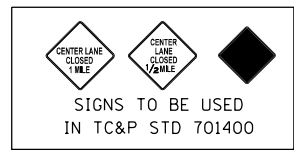
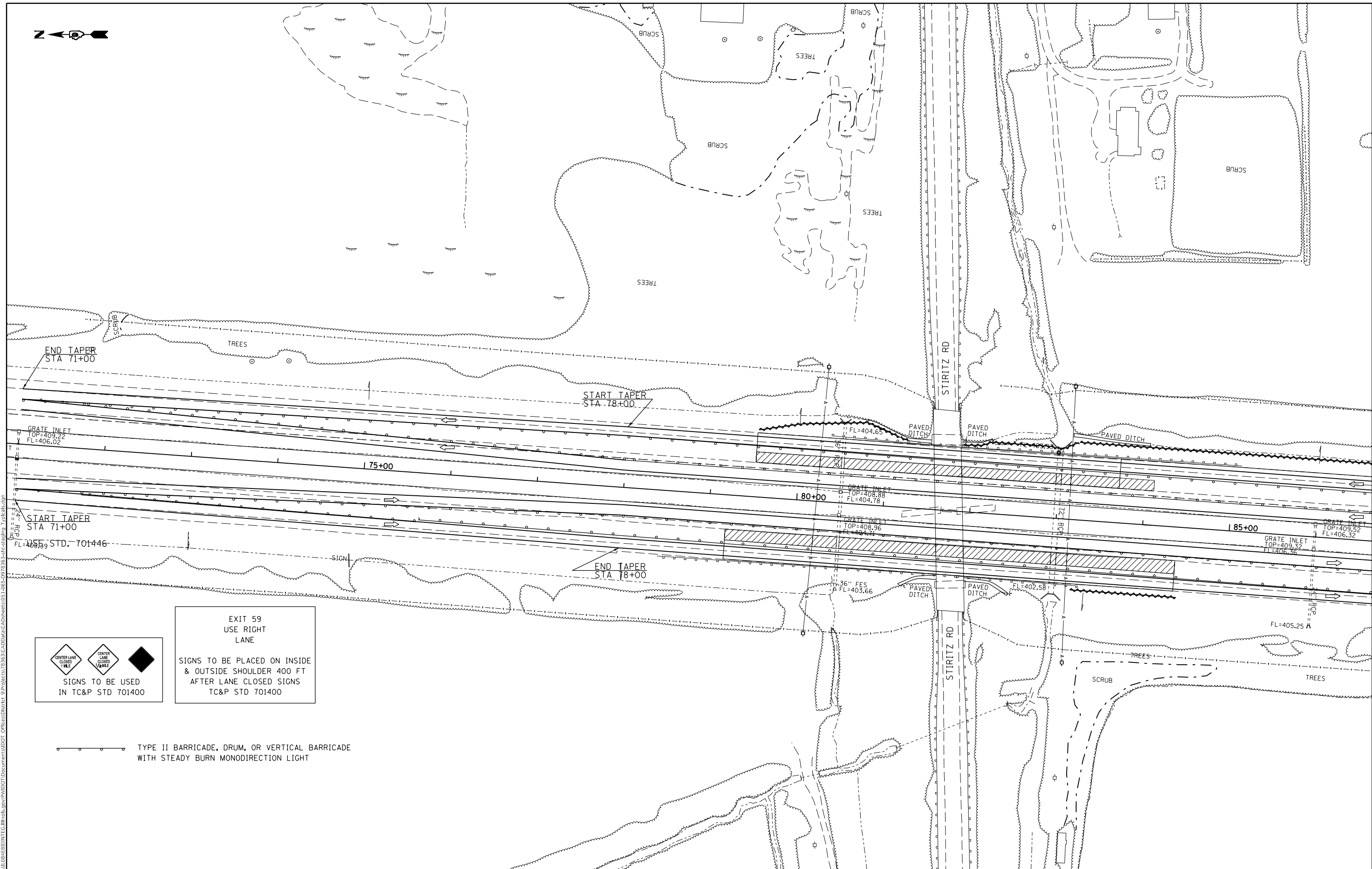
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PLOT DATE = 8/16/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2 WORK ZONE PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	-	191	56
CONTRACT NO. 78363				



**EXIT 59
USE RIGHT
LANE**

SIGNS TO BE PLACED ON INSIDE & OUTSIDE SHOULDER 400 FT AFTER LANE CLOSED SIGNS TC&P STD 701400

—●— TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTION LIGHT

MODEL: Default
 FILE: \\hpc01\B&E\BID\ITC\Illinois\poc\RW\DOT\Documents\1001\05-09-2018\78363-PlanSheet.dwg
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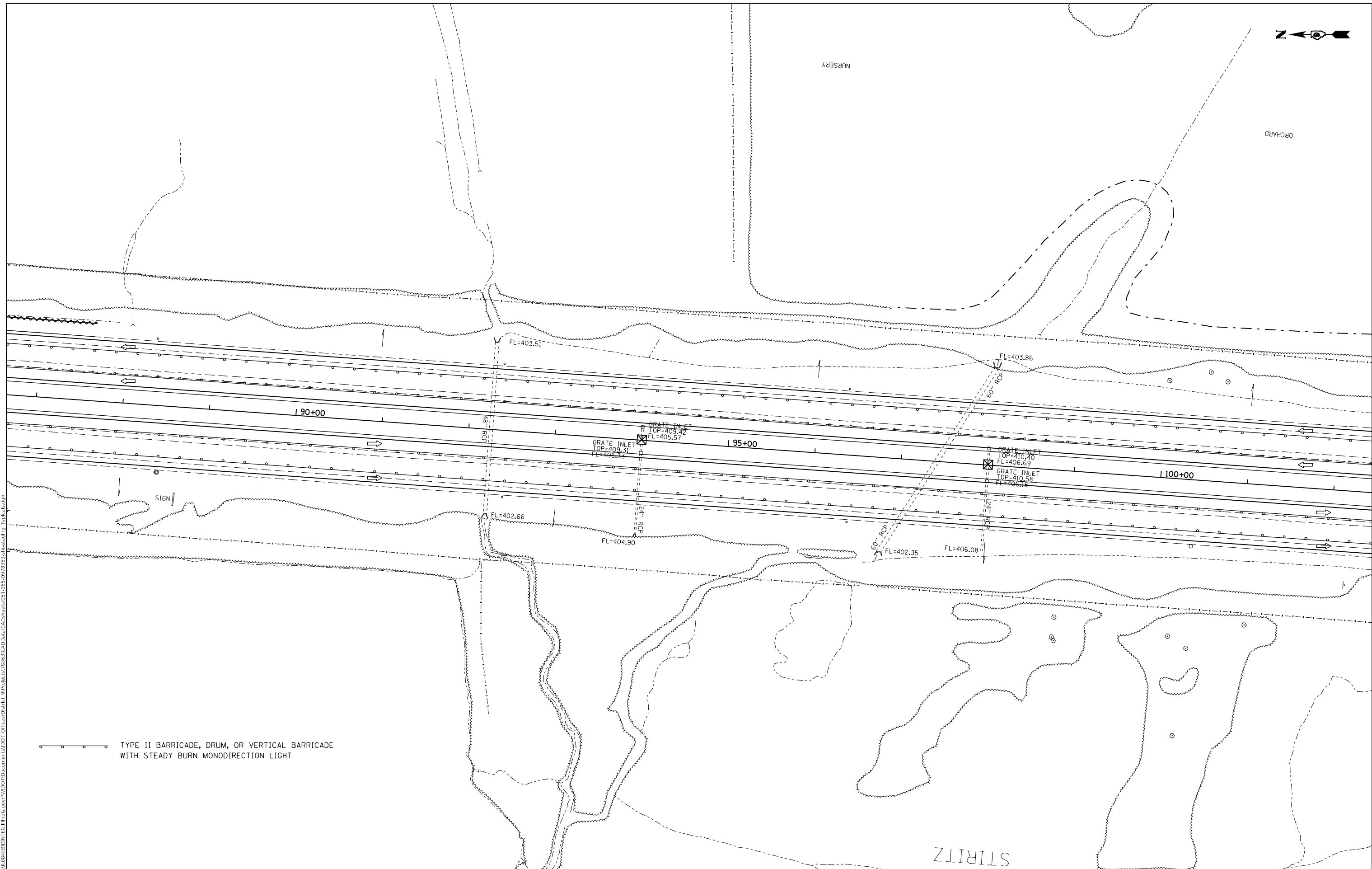
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 3 WORK ZONE PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**		191	57
CONTRACT NO. 78363				

ILLINOIS FED. AID PROJECT ** (X-4)R-2:(28-5-1,28-5)R-1 *FRANKLIN / WILLIAMSON



TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTION LIGHT

MODEL: Default
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USER NAME = knopen	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION


STAGE 3 WORK ZONE PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	-	191	58
CONTRACT NO. 78363				

ILLINOIS FED. AID PROJECT
 *(X-4)R-2;(28-5-1,28-5)R-1
 *FRANKLIN / WILLIAMSON




 TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTION LIGHT

USER NAME = knopen	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

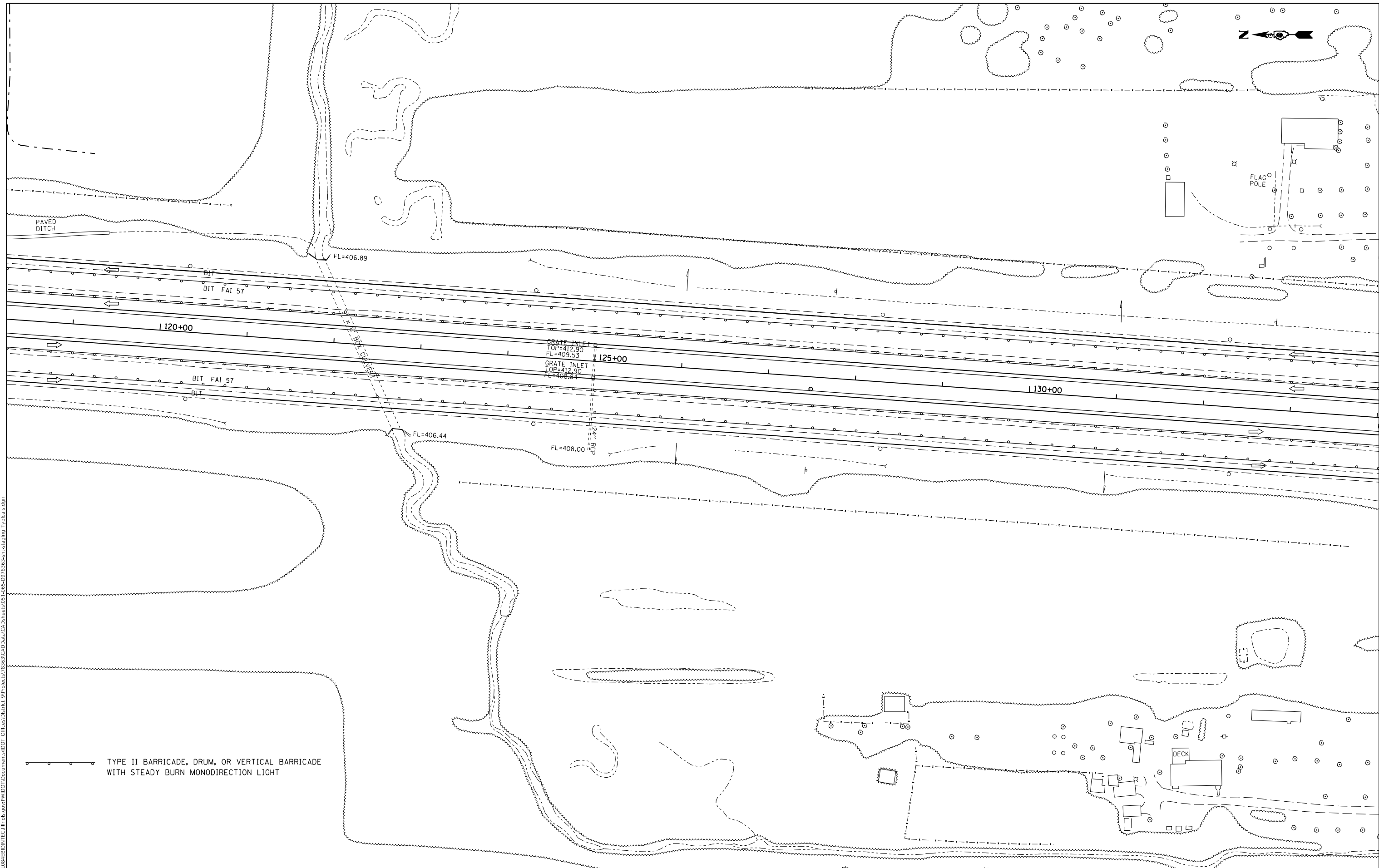
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

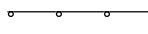
STAGE 3 WORK ZONE PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	-	191	59
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				

***(X-4)R-2:(28-5-1,28-5)R-1
 *FRANKLIN / WILLIAMSON




 TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTION LIGHT

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PLOT DATE = 8/16/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 3 WORK ZONE PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**		191	60
CONTRACT NO. 78363				

** (X-4)R-2:(28-5-1,28-5)R-1
 *FRANKLIN / WILLIAMSON



—●— TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTION LIGHT



MODEL: Default
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 3 WORK ZONE PLAN SHEET			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

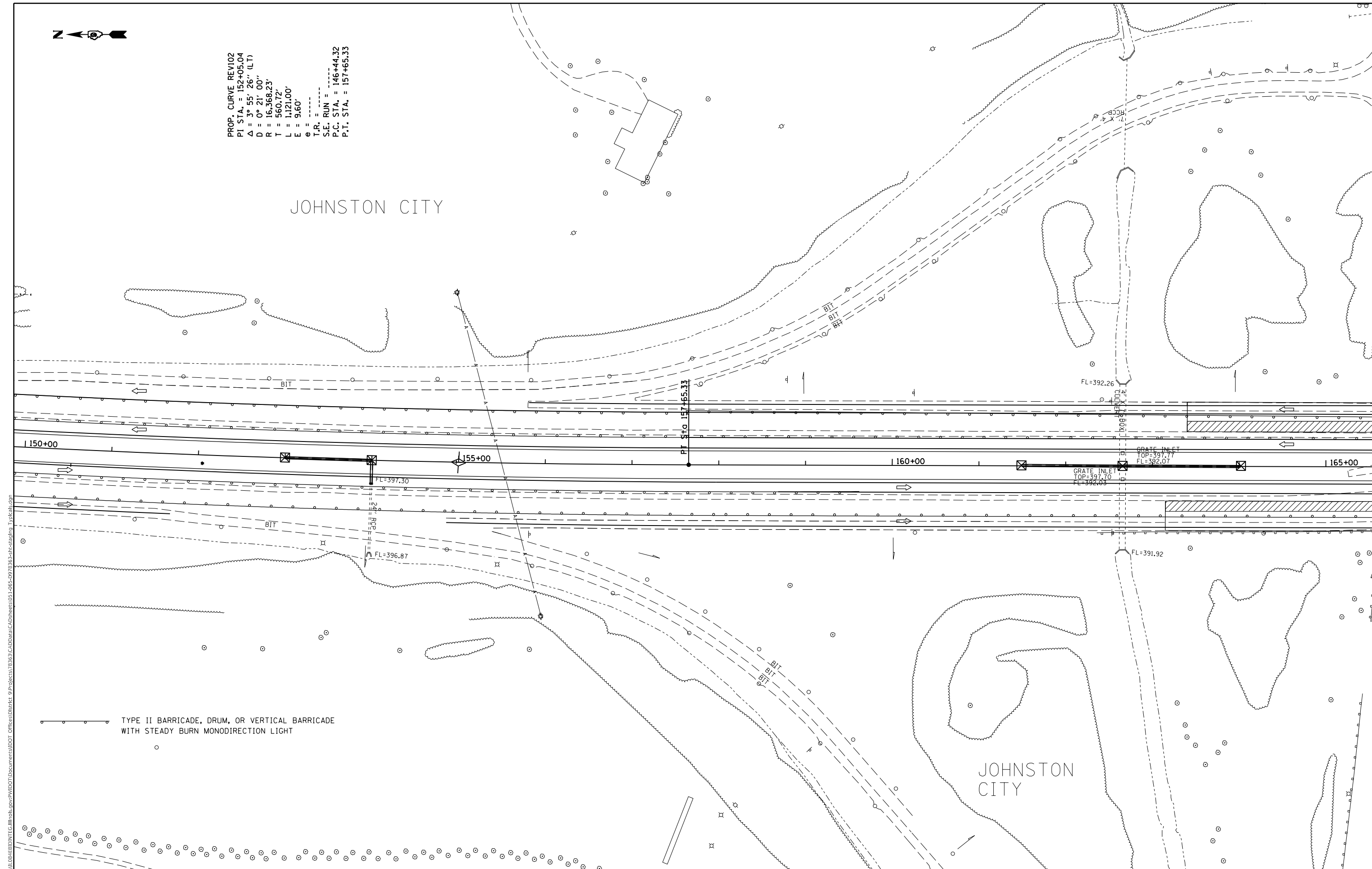
F.A.I. RTE. 57	SECTION **	COUNTY -	TOTAL SHEETS 191	SHEET NO. 61
CONTRACT NO. 78363				
ILLINOIS		FED. AID PROJECT		


** (X-4)R-2:(28-5-1,28-5)R-1
 *FRANKLIN / WILLIAMSON



PROP. CURVE REV102
 P1 STA. = 152+05.04
 $\Delta = 3^\circ 55' 26''$ (LT)
 $D = 0^\circ 21' 00''$
 $R = 16,368.23'$
 $T = 560.72'$
 $L = 1,121.00'$
 $E = 9.60'$
 $e =$
 $T.P. =$
 $S.E. RUN =$
 P.C. STA. = 146+44.32
 P.T. STA. = 157+65.33

JOHNSTON CITY




 TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE
 WITH STEADY BURN MONODIRECTION LIGHT

JOHNSTON CITY

MODEL: Default
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

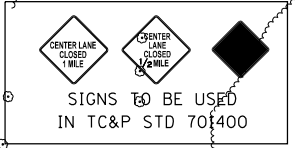
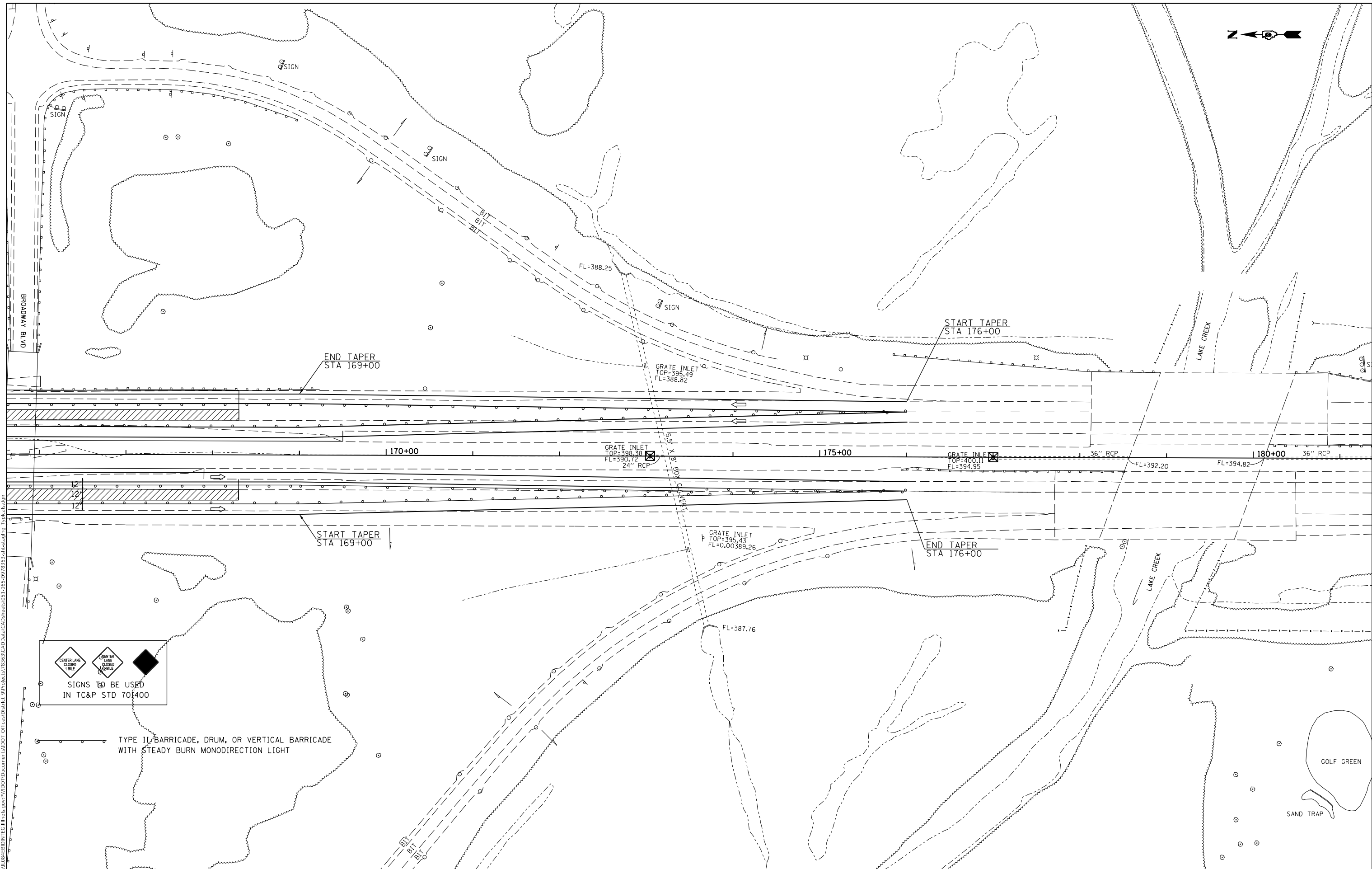
STAGE 3 WORK ZONE PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**		191	62
CONTRACT NO. 78363				

11(X-4)R-2;(28-5-1,28-5)R-1

*FRANKLIN / WILLIAMSON



TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTION LIGHT

MODEL: Default
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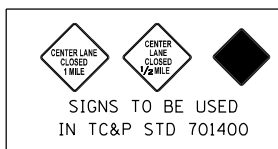
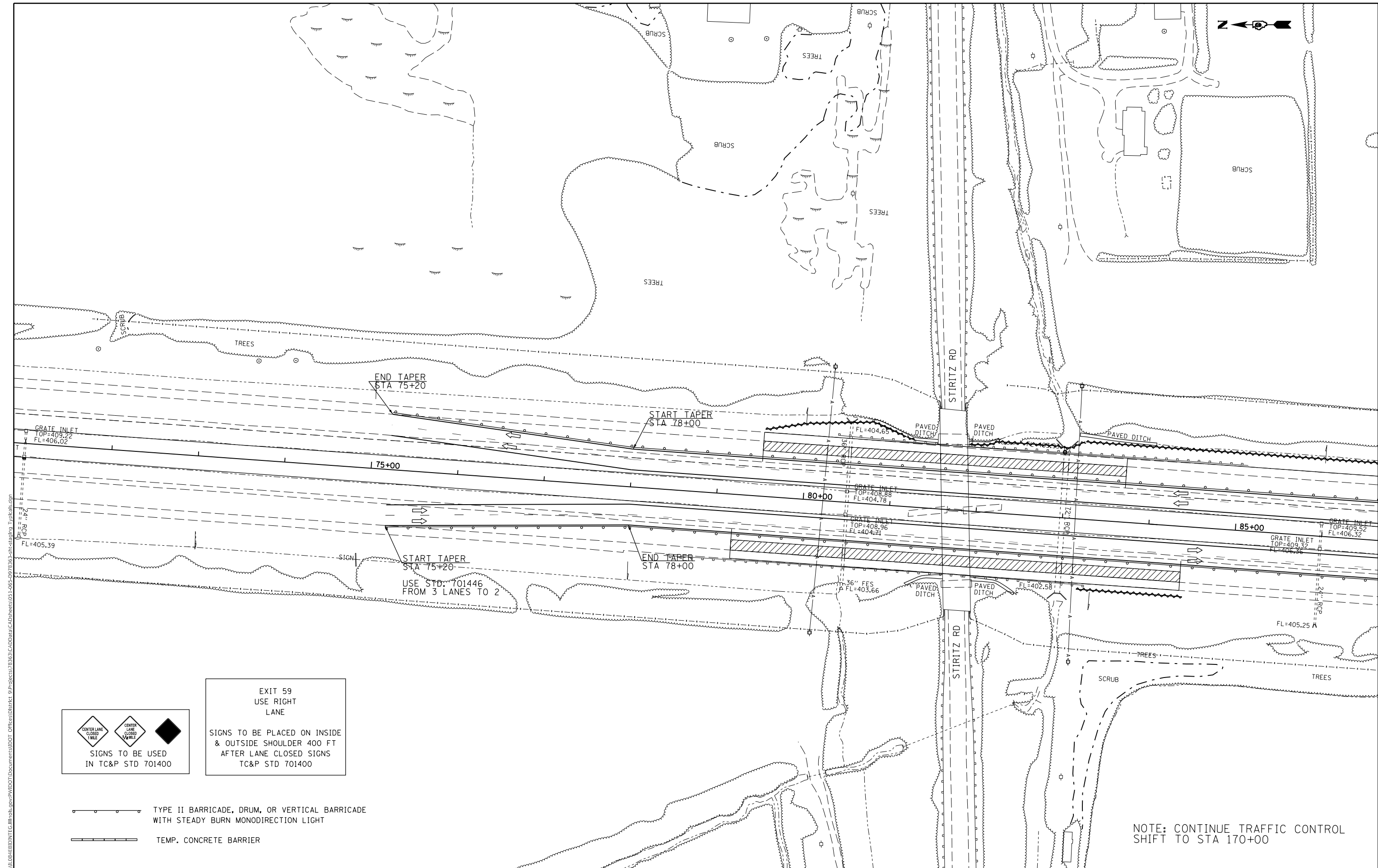
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 3 WORK ZONE PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

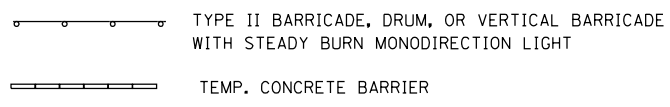
F.A.I. RTE. 57	SECTION **	COUNTY -	TOTAL SHEETS 191	SHEET NO. 63
CONTRACT NO. 78363				
ILLINOIS		FED. AID PROJECT		FRANKLIN / WILLIAMSON

11(X-4)R-2;(28-5-1,28-5)R-1



EXIT 59
USE RIGHT
LANE

SIGNS TO BE PLACED ON INSIDE
& OUTSIDE SHOULDER 400 FT
AFTER LANE CLOSED SIGNS
TC&P STD 701400



NOTE: CONTINUE TRAFFIC CONTROL
SHIFT TO STA 170+00

MODEL: Default
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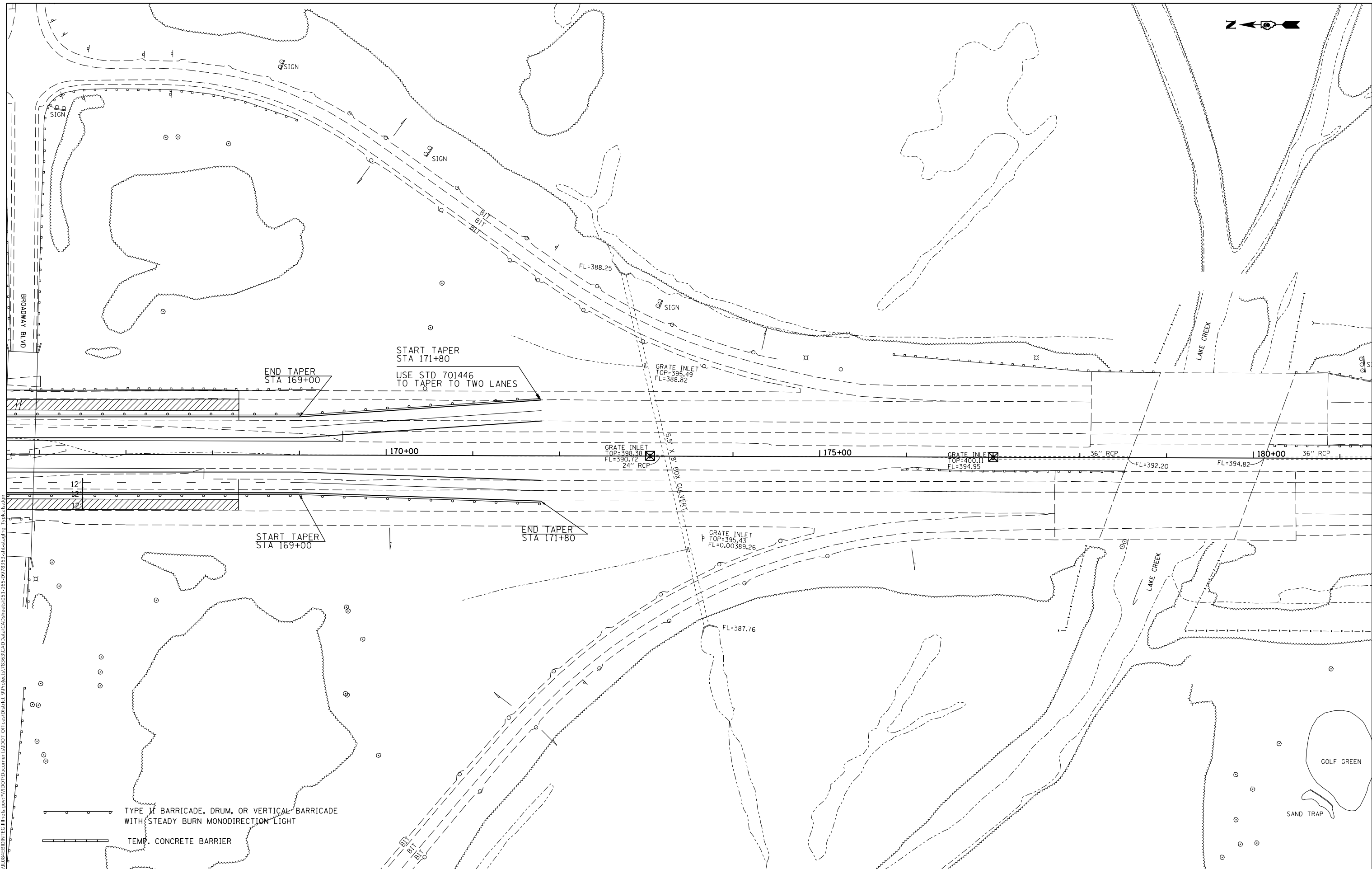
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 4 WORK ZONE PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**		191	64
CONTRACT NO. 78363				

11(X-4)R-2;(28-5-1,28-5)R-1 *FRANKLIN / WILLIAMSON



MODEL: Default
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TYPE I BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONIDIRECTION LIGHT
 TEMP. CONCRETE BARRIER

END TAPER STA 169+00
 START TAPER STA 171+80
 USE STD 701446 TO TAPER TO TWO LANES

START TAPER STA 169+00
 END TAPER STA 171+80

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 4 WORK ZONE PLAN SHEET

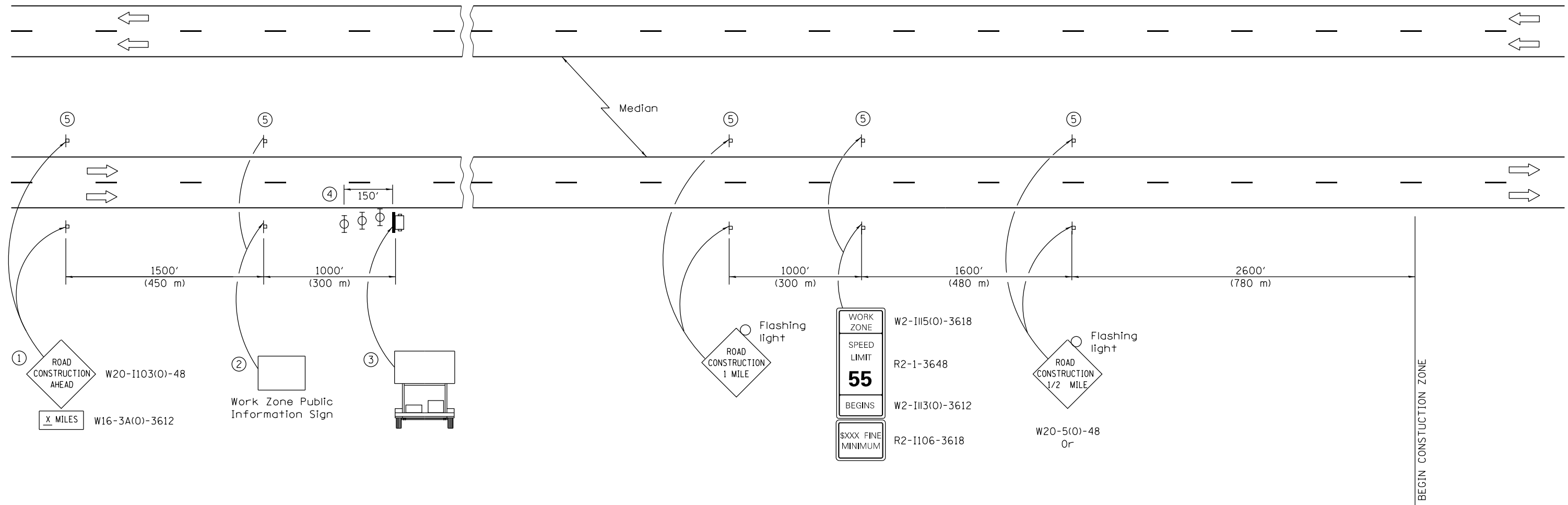
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	-	191	65
CONTRACT NO. 78363				

** (X-4)R-2:(28-5-1,28-5)R-1
 ILLINOIS FED. AID PROJECT
 *FRANKLIN / WILLIAMSON

STAGING DETAIL: APPROACH TO CONSTRUCTION ZONE



SYMBOLS

- Portable changeable message sign
- Sign
- Type II barricade, drum, or vertical barricade with monodirectional flashing light

- ① The Road Construction Ahead sign shall be located 3 to 5 miles in advance of the project limits.
- ② The message and size of the Work Zone Public Information Sign shall be as specified by the Department.
- ③ The message board shall be used to display status of lanes within the project. The primary messages shall be:
- ④ Three, Type II barricades, drums, or vertical barricades at 50' (15 m) centers.
- ⑤ This sign shall be omitted when median width is less than 10' (3 m).

GENERAL NOTES

The first two signs and the message board are stationary.
 All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
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		DATE - 11/26/13	REVISED -

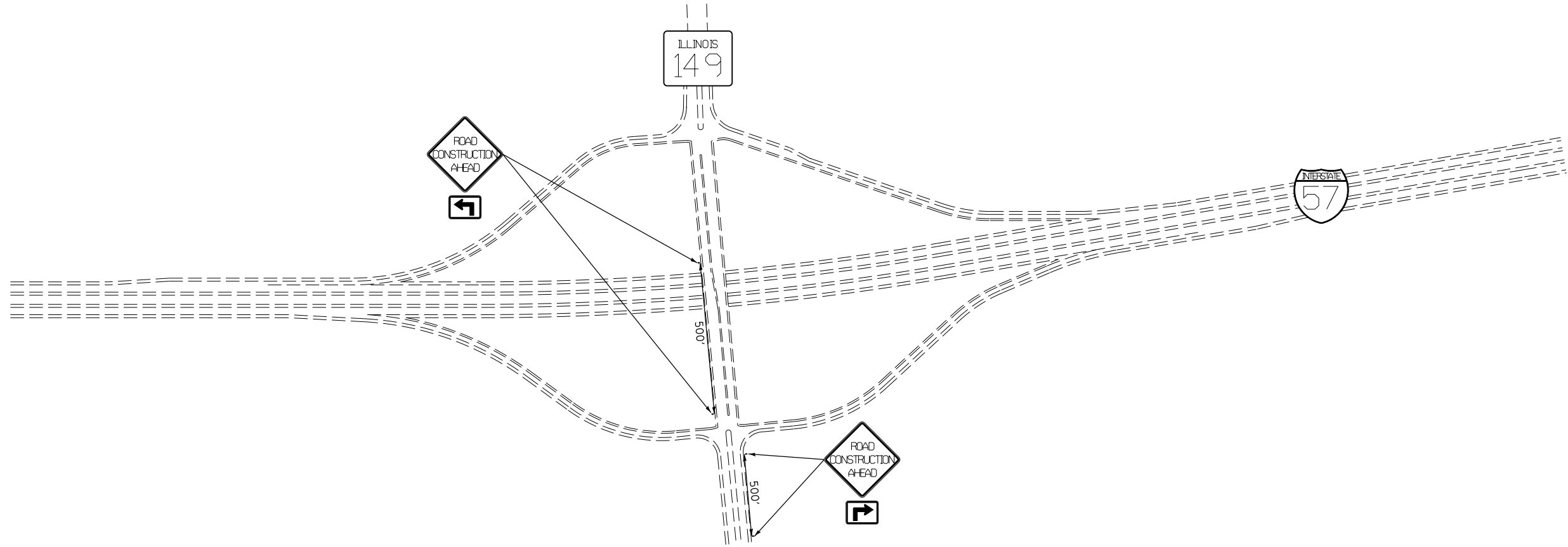
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STAGING DETAIL
 INTERSTATE 57

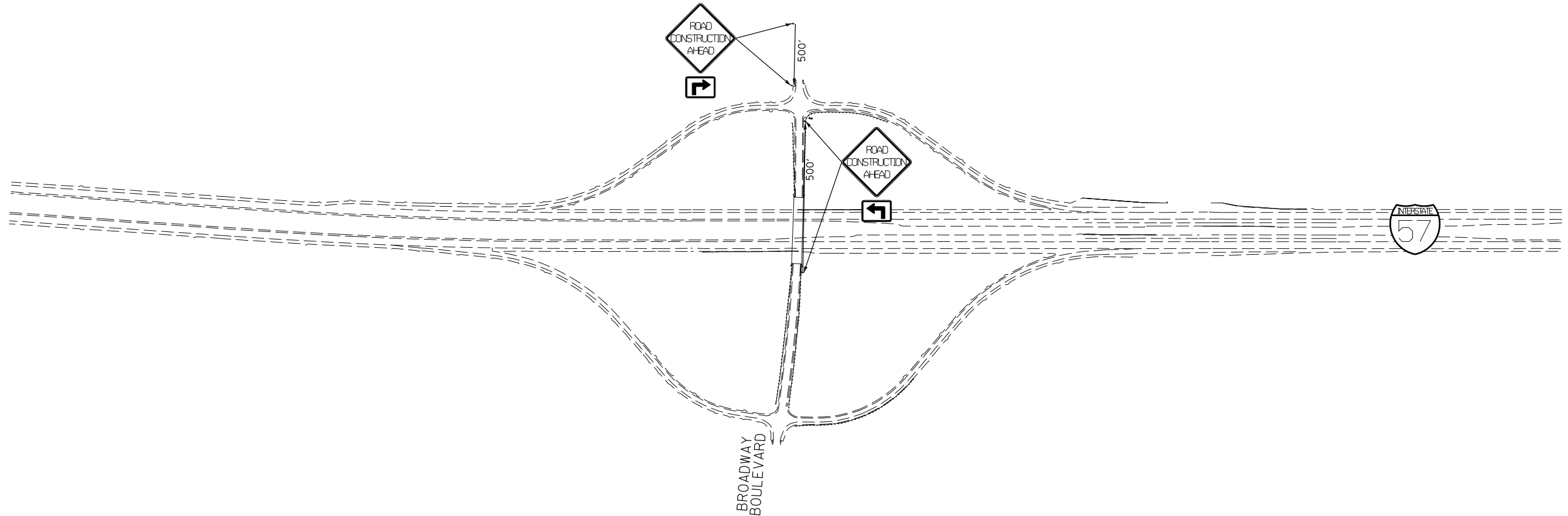
SCALE: N. T. S. SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2+28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	66
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

STAGING DETAIL: CONSTRUCTION SIGNING FOR EXIT 65 (WEST FRANKFORT)



STAGING DETAIL: CONSTRUCTION SIGNING FOR EXIT 59 (JOHNSTON CITY)



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
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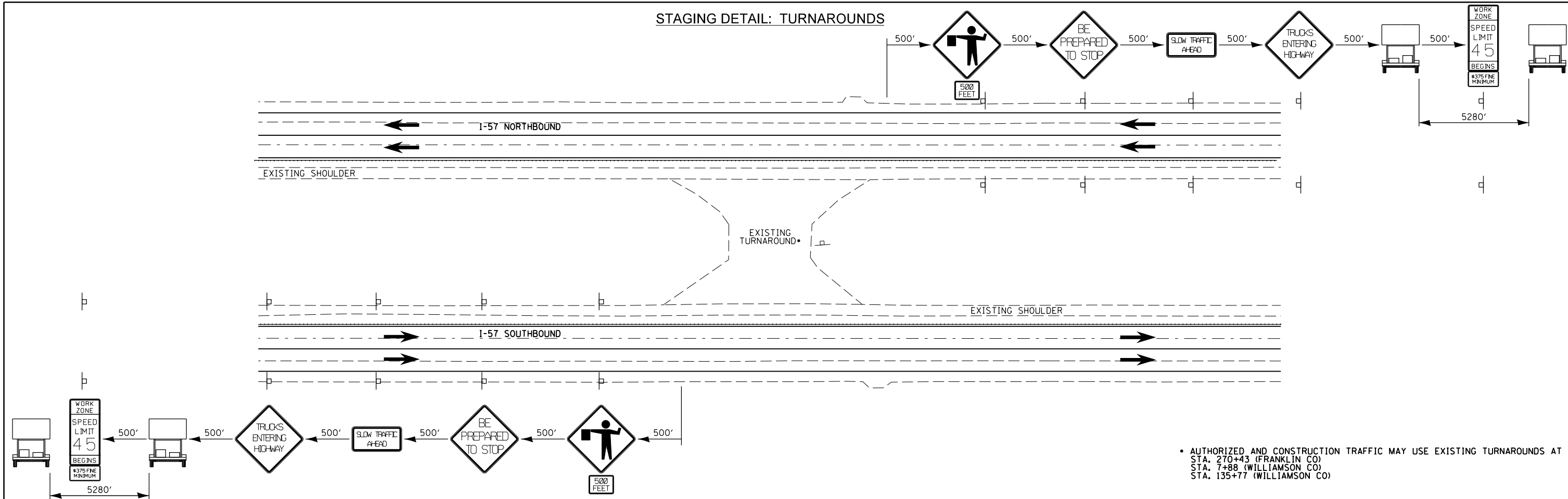
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND SIGN DETAIL
INTERSTATE 57

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	67
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				

STAGING DETAIL: TURNAROUNDS



• AUTHORIZED AND CONSTRUCTION TRAFFIC MAY USE EXISTING TURNAROUNDS AT
 STA. 270+43 (FRANKLIN CO)
 STA. 7+88 (WILLIAMSON CO)
 STA. 135+77 (WILLIAMSON CO)

FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
FILE		DRAWN - JRD	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION


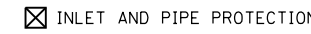
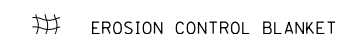

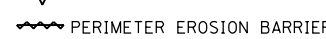
TURNAROUNDS STAGING

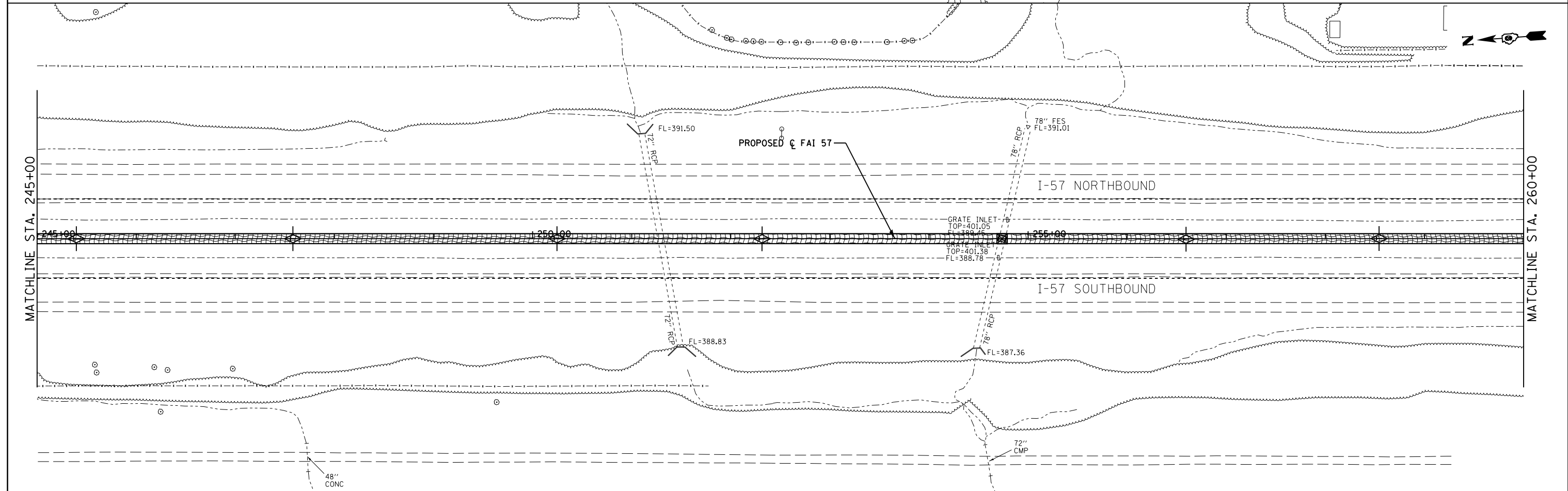
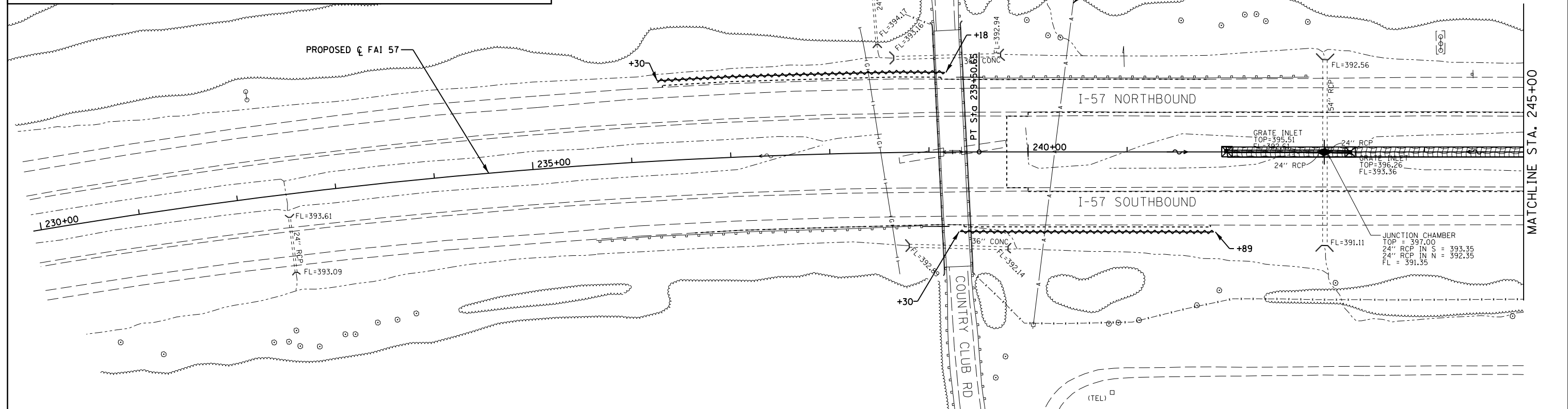
SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/ WILLIAMSON	191	68
CONTRACT NO. 78363				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

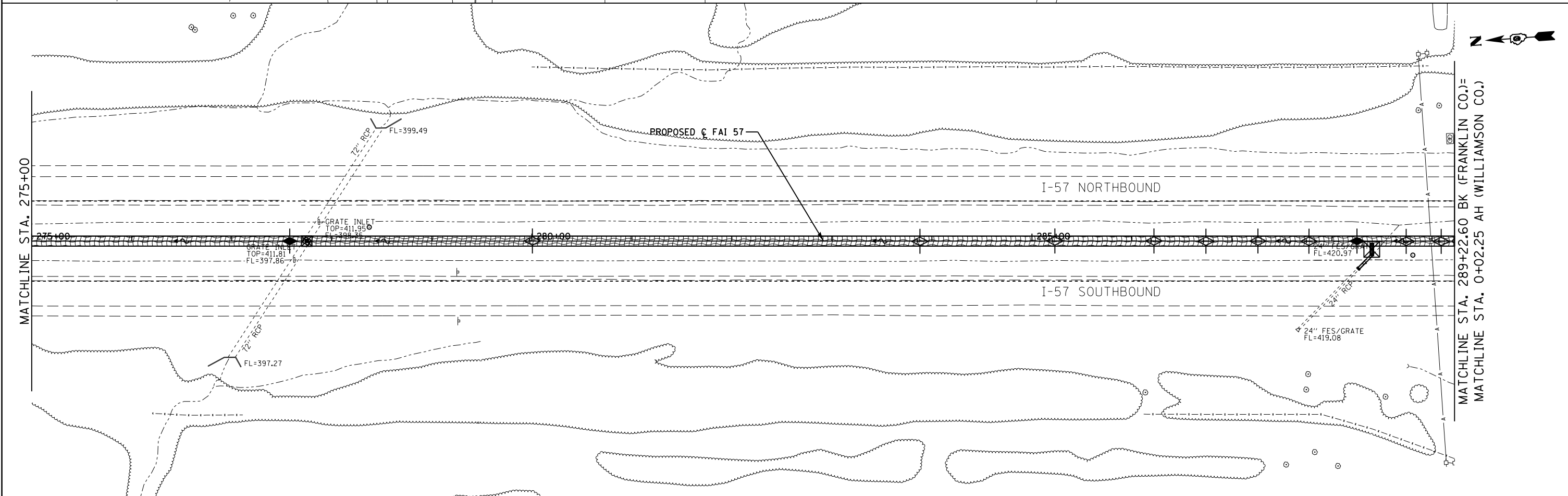
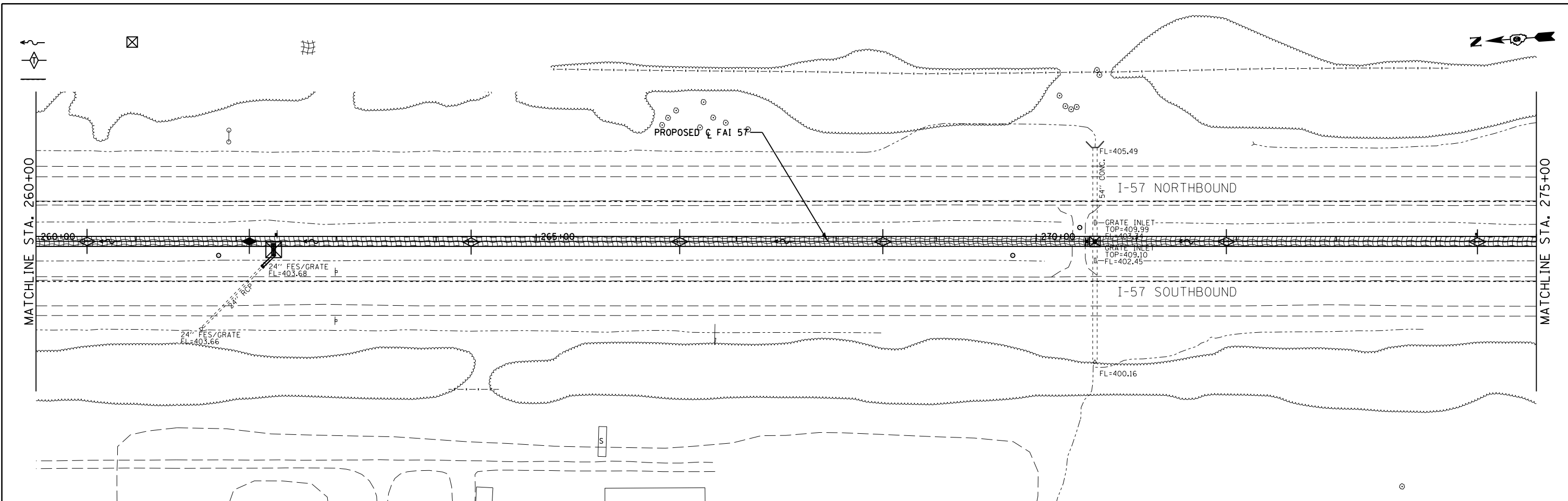
TEMPORARY EROSION CONTROL

PERMANENT EROSION CONTROL

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



FILE NAME =	USER NAME = knopen	DESIGNED - BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL	F.A.I. RTE. 57	SECTION (X1-4)R-2(28-5-1,28-5)R-1	COUNTY FRANKLIN/WILLIAMSON	TOTAL SHEETS 191	SHEET NO. 69		
pw:\IL084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 9\Projects\78363\DRAWING\CAB\sheet\08-09-09\78363-eros01-13.dwg	PLLOT SCALE = 100.0000' / in.	CHECKED - SLD	REVISED -			SCALE: 1"=50'	SHEET 1 OF 8 SHEETS	STA. 230+00 TO STA. 260+00	ILLINOIS FED. AID PROJECT			
Default	PLLOT DATE = 8/16/2018	DATE - 11/26/13	REVISED -									



FILE NAME =	USER NAME = knopen	DESIGNED - BJB	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

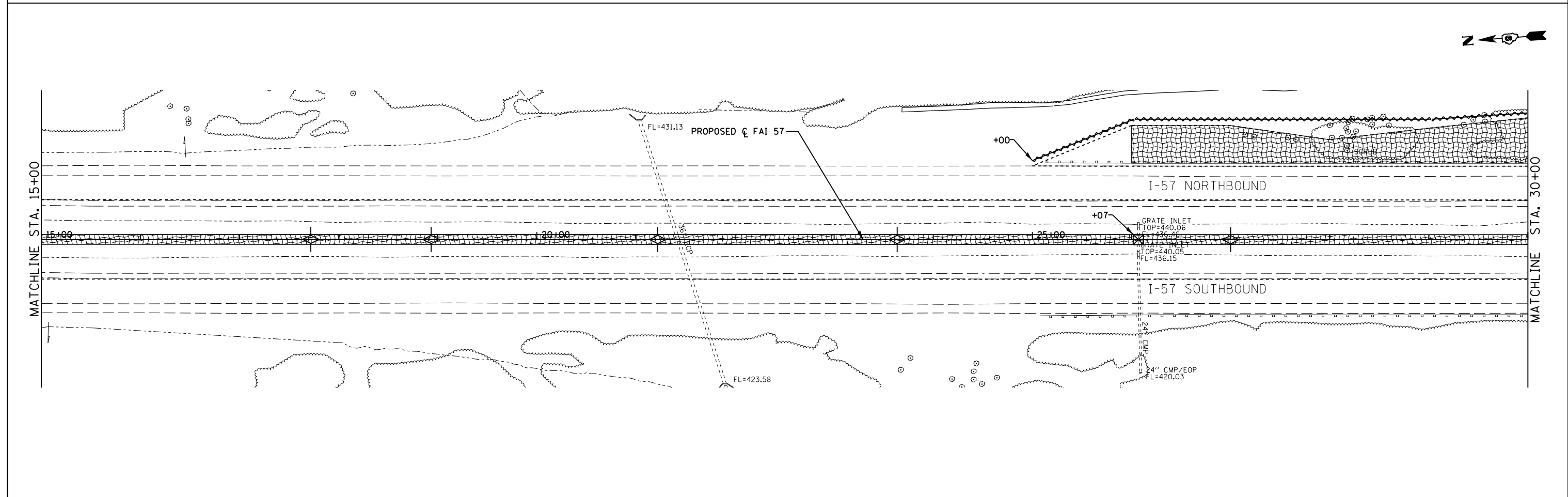
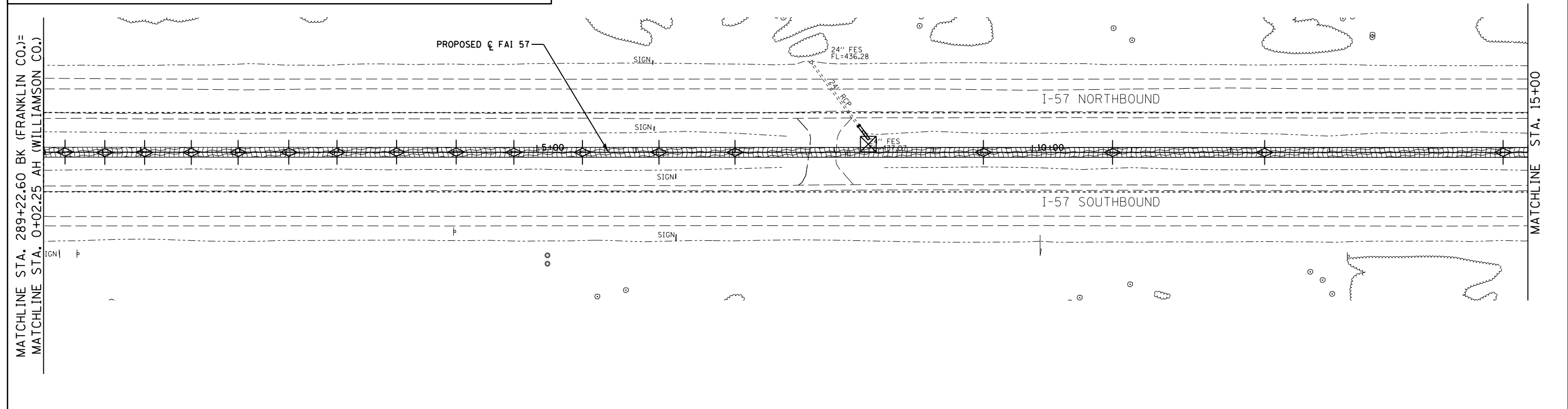
EROSION AND SEDIMENT CONTROL

SCALE: 1"=50' SHEET 2 OF 8 SHEETS STA. 260+00 TO STA. 289+22.60

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/ WILLIAMSON	191	70
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

TEMPORARY EROSION CONTROL PERMANENT EROSION CONTROL

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



FILE NAME =	USER NAME = knopen	DESIGNED - BJC	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

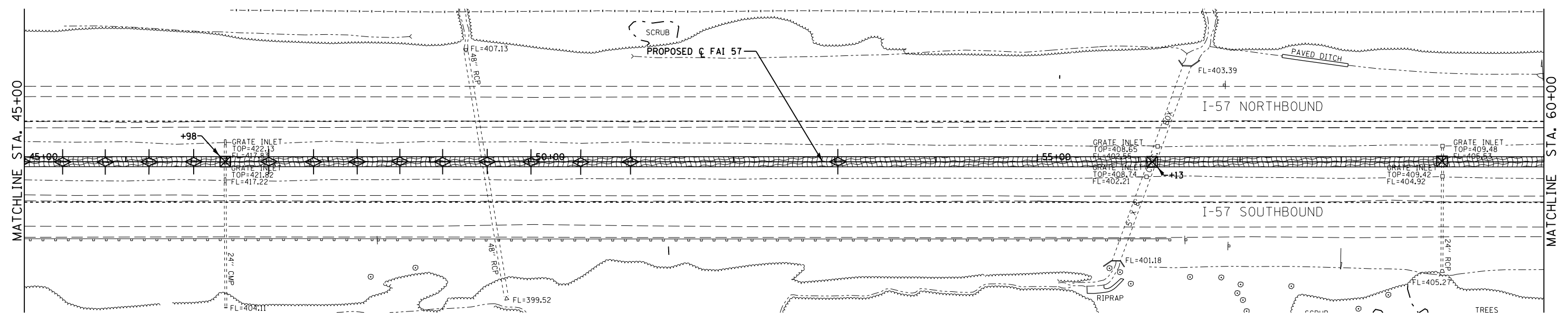
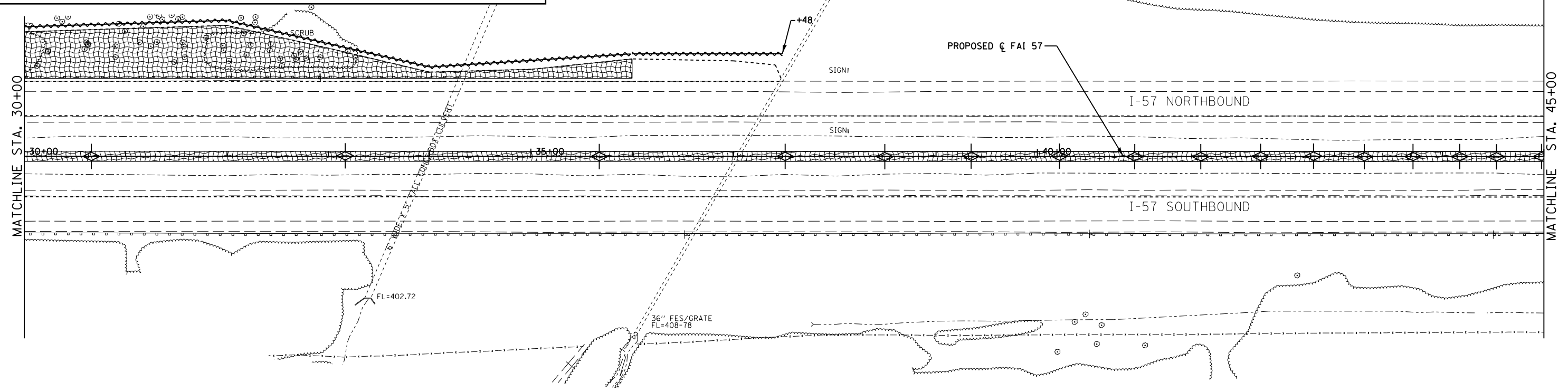
EROSION AND SEDIMENT CONTROL

SCALE: 1"=50' SHEET 3 OF 8 SHEETS STA. 0+02.25 TO STA. 30+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	60
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				

TEMPORARY EROSION CONTROL PERMANENT EROSION CONTROL

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



FILE NAME =	USER NAME = knopen	DESIGNED - BJB	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

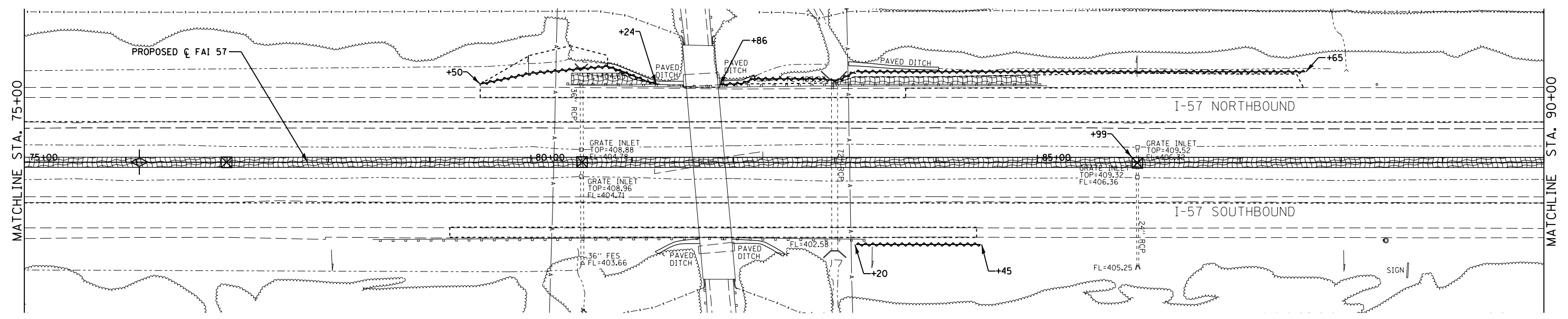
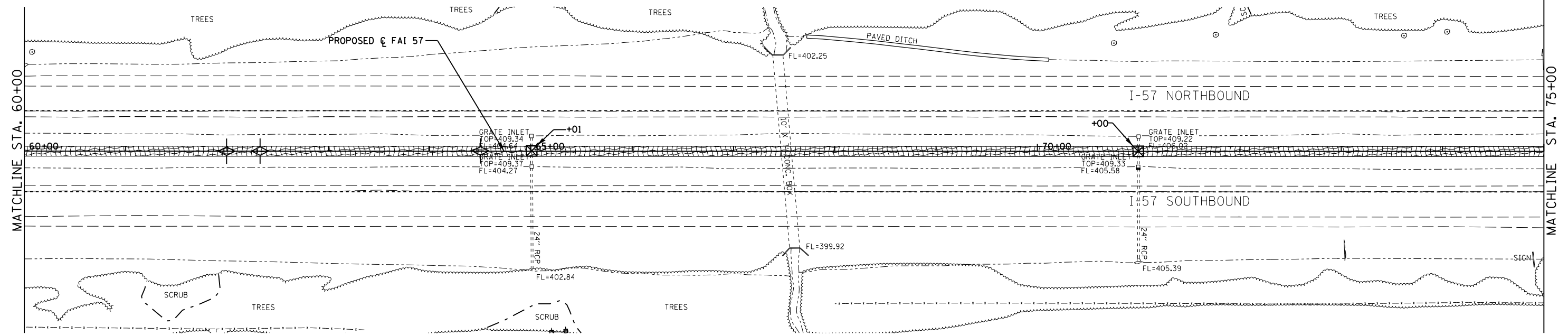
EROSION AND SEDIMENT CONTROL

SCALE: 1"=50' SHEET 4 OF 8 SHEETS STA. 30+00 TO STA. 60+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2+(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	72
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				

TEMPORARY EROSION CONTROL PERMANENT EROSION CONTROL

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

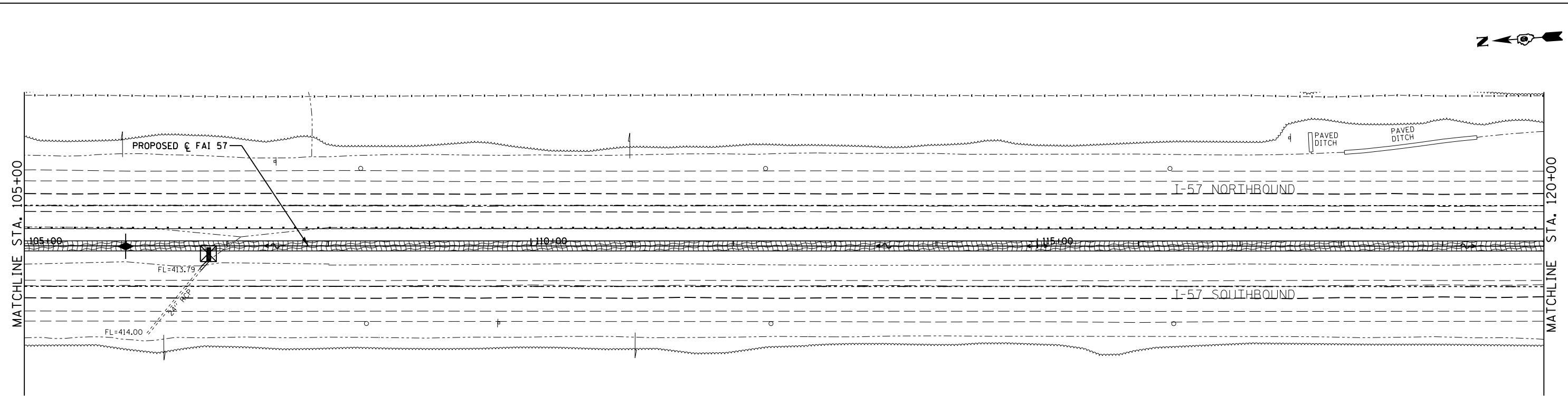
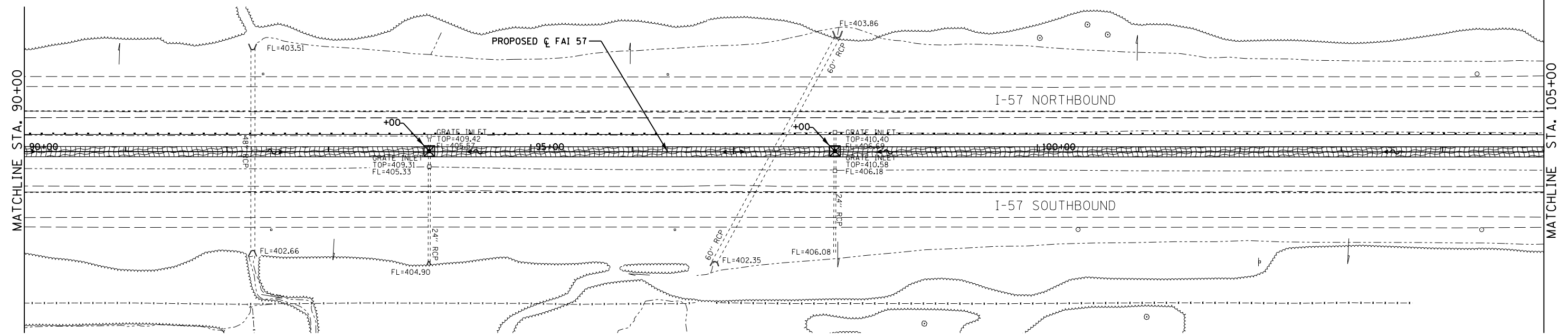
EROSION AND SEDIMENT CONTROL

SCALE: 1"=50' SHEET 5 OF 8 SHEETS STA. 60+00 TO STA. 90+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2+(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	73
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				

TEMPORARY EROSION CONTROL PERMANENT EROSION CONTROL

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



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

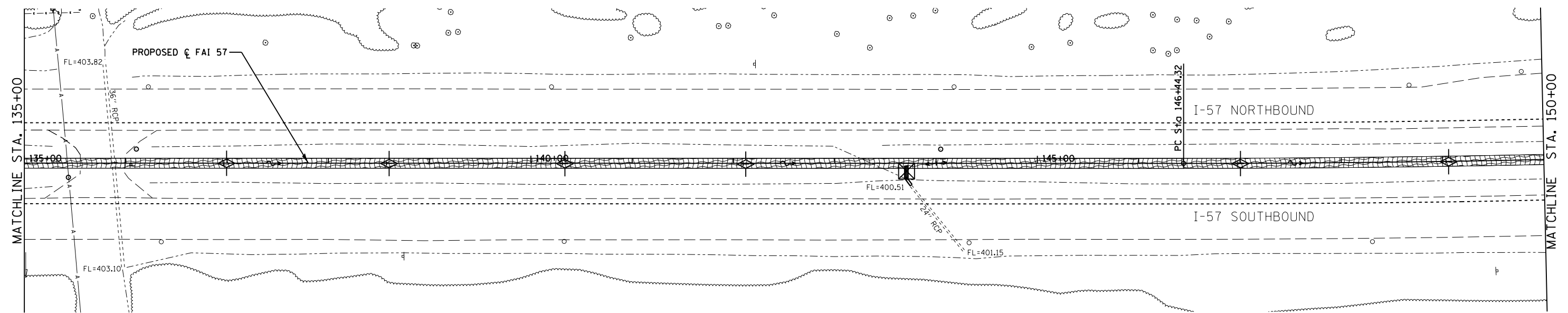
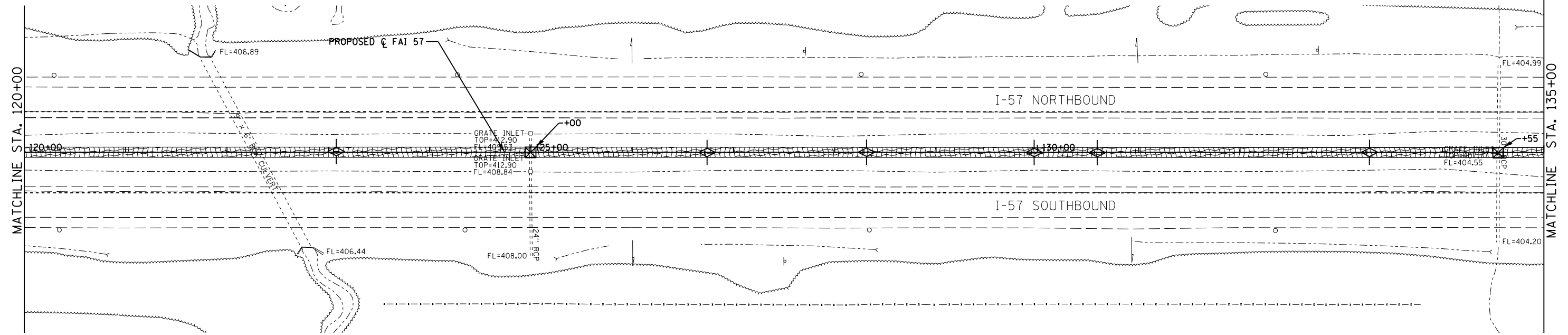
EROSION AND SEDIMENT CONTROL

SCALE: 1"=50' SHEET 6 OF 8 SHEETS STA. 90+00 TO STA. 120+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	74
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				

TEMPORARY EROSION CONTROL PERMANENT EROSION CONTROL

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



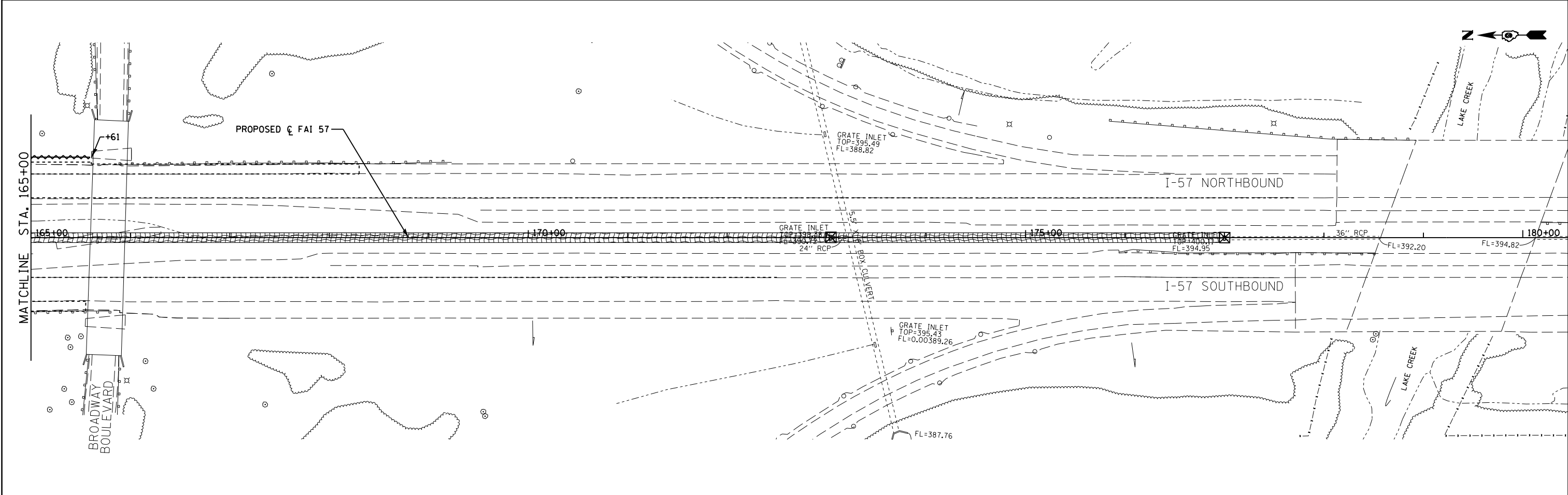
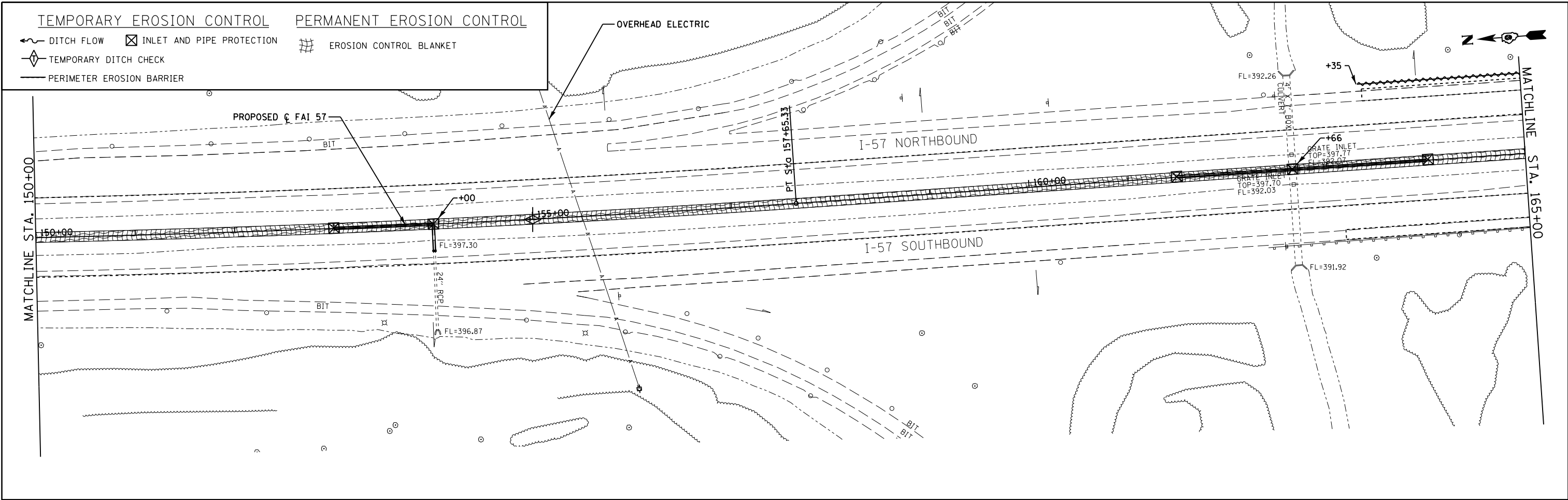
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL

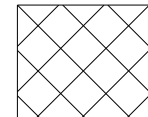
SCALE: 1"=50' SHEET 7 OF 8 SHEETS STA. 120+00 TO STA. 150+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	75
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

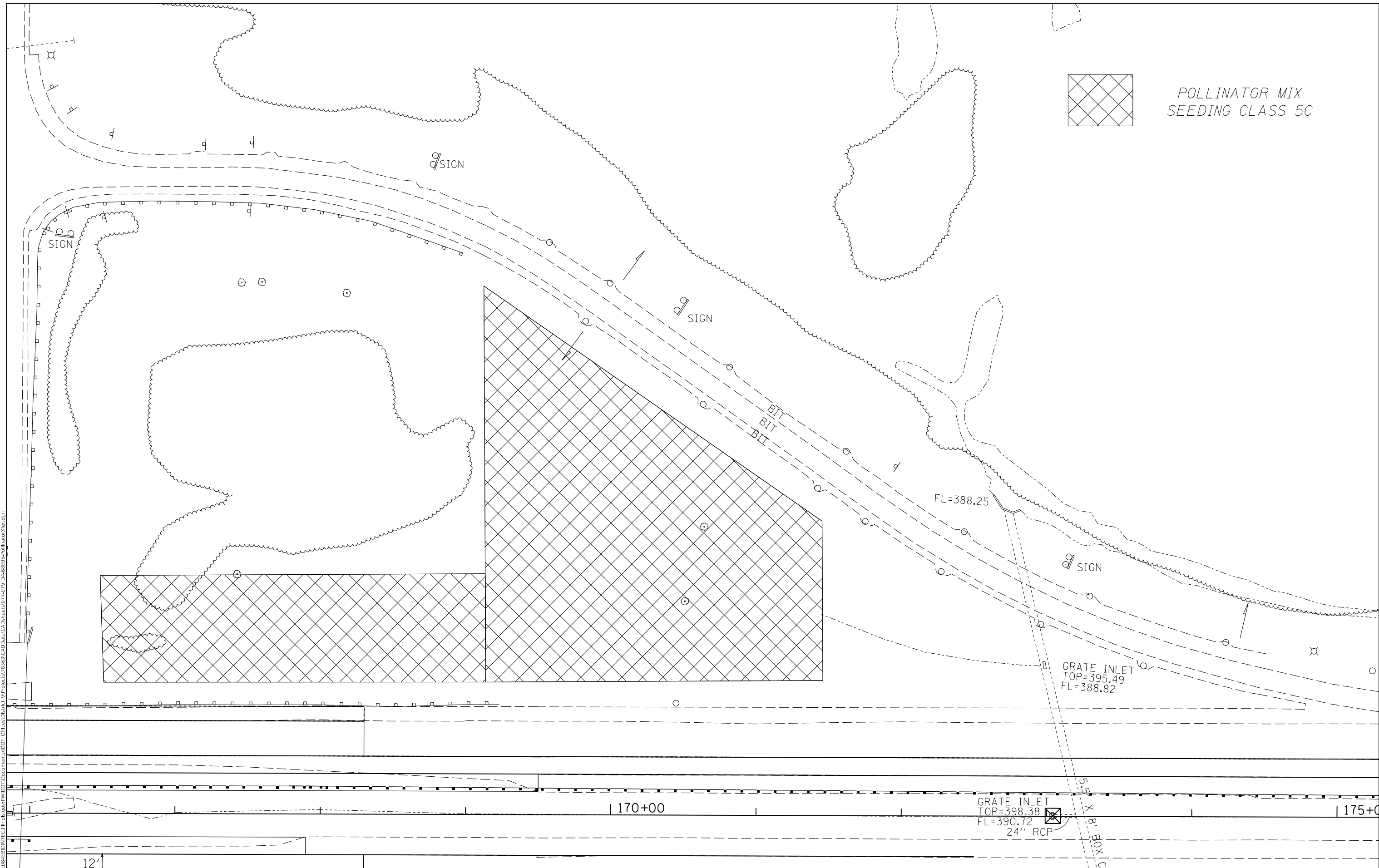


FILE NAME =	USER NAME = knopen	DESIGNED - BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL			F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / in.	CHECKED - SLD	DATE - 11/26/13	REVISED -					CONTRACT NO. 78363				
Default	PLOT DATE = 8/16/2018	DATE - 11/26/13	REVISED -					ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET 8 OF 8 SHEETS STA. 150+00 TO STA. 180+00



POLLINATOR MIX
SEEDING CLASS 5C



MODEL: Default
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12'

170+00

GRATE INLET
TOP=398.38
FL=390.72
24" RCP

175+00

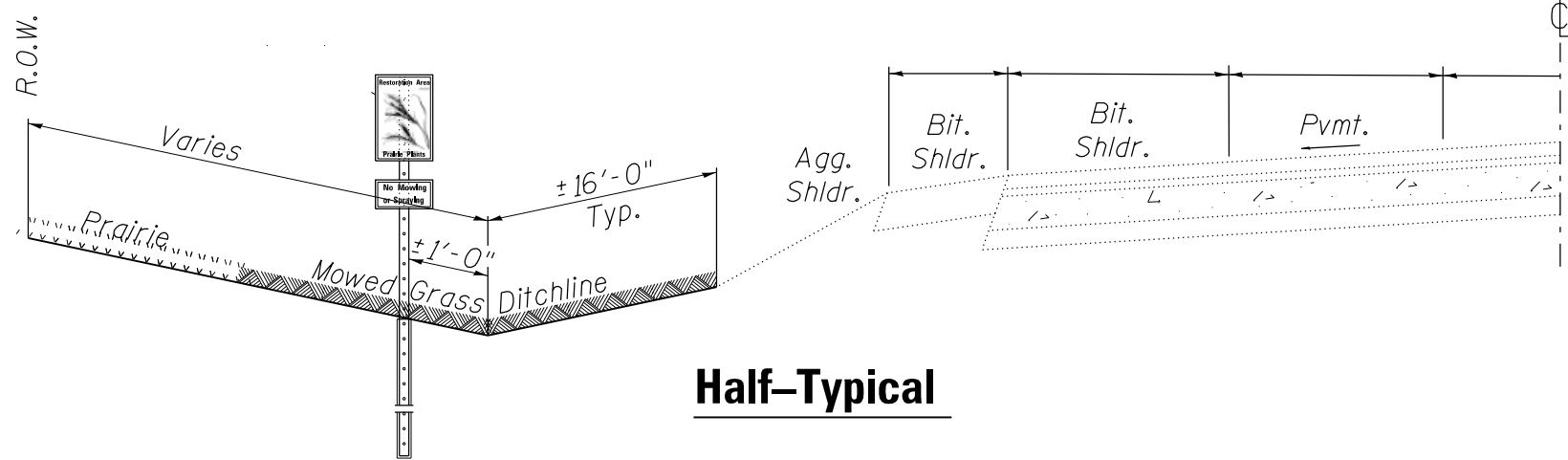
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**POLLINATOR MIX
SEEDING CLASS 5C**

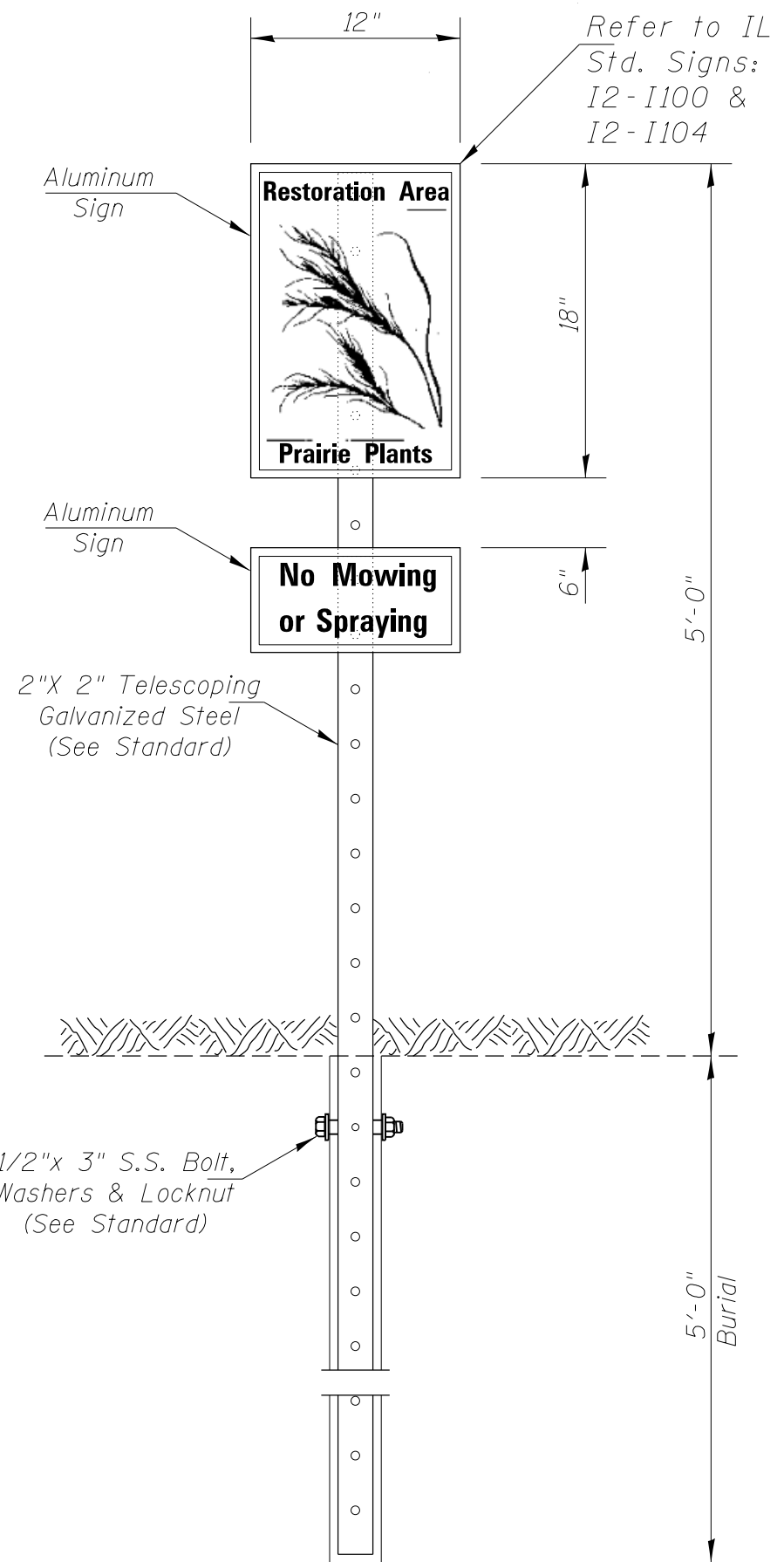
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	-	191	77
CONTRACT NO. 78363				



Half-Typical

NOTES:
 Sign placement spacing shall be 1000' typical unless otherwise noted.
 Submit all material samples to the Engineer for approvals prior to work beginning.



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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

POLLINATOR SIGN DETAIL	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	*	191	78
CONTRACT NO. 78363				

ILLINOIS STANDARD

12-I100

ILLINOIS STANDARD

12-I104



COLOR LEGEND AND BORDER BROWN REFLECTORIZED
BACKGROUND WHITE REFLECTORIZED

SIGN SIZE	DIMENSIONS														
	A	B	C	D	E	F	G	H	J	K	L	M	N	O	
12 X 18	12.00	18.00	1.50	10.00	6.50	2.70	9.00	10.50	4.00	3.50	1.80	0.35	13.00	1.85	

SIGN SIZE	SERIES BY LINE		BORDER
	1	2	
12 X 18	1D	1.5B	0.375

All dimensions in inches. Sign not to scale.



COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
BACKGROUND WHITE REFLECTORIZED

SIGN SIZE	DIMENSIONS										
	A	B	C	D	E	F	G	H	J	K	L
12 X 6	12.00	6.00	1.00	8.80	1.80	5.70	9.30	1.40	6.70	1.45	2.15

SIGN SIZE	SERIES BY LINE		MARGIN	BORDER
	1	2		
12 X 6	1.25 D	1.25 D	0.375	0.375

All dimensions in inches. Sign not to scale.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

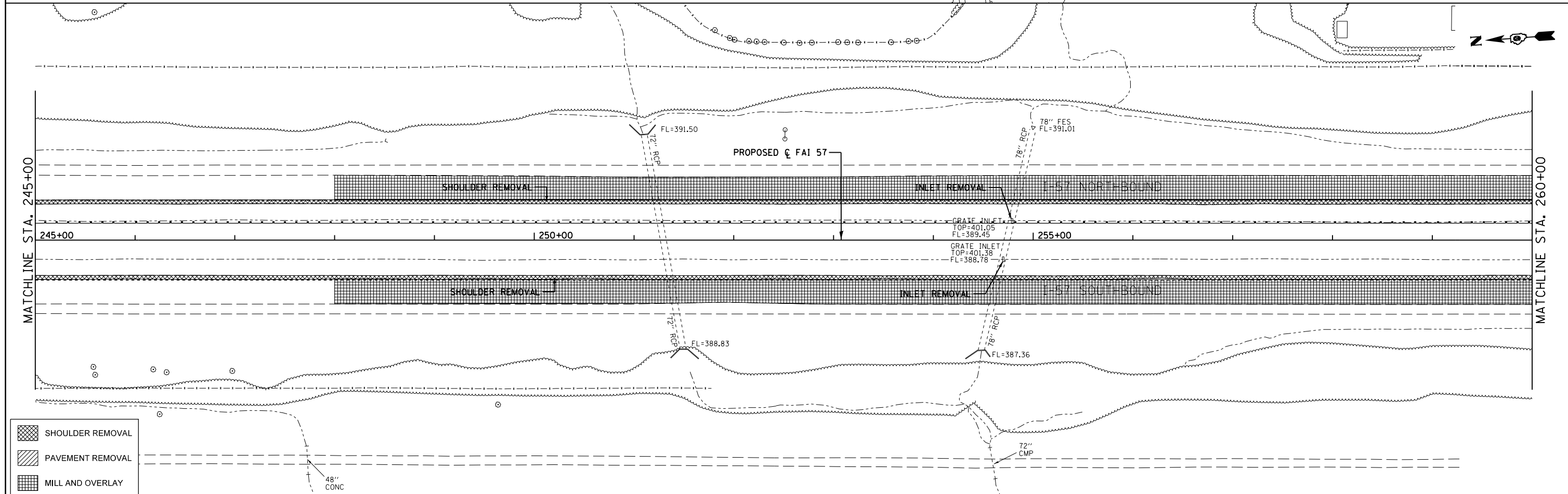
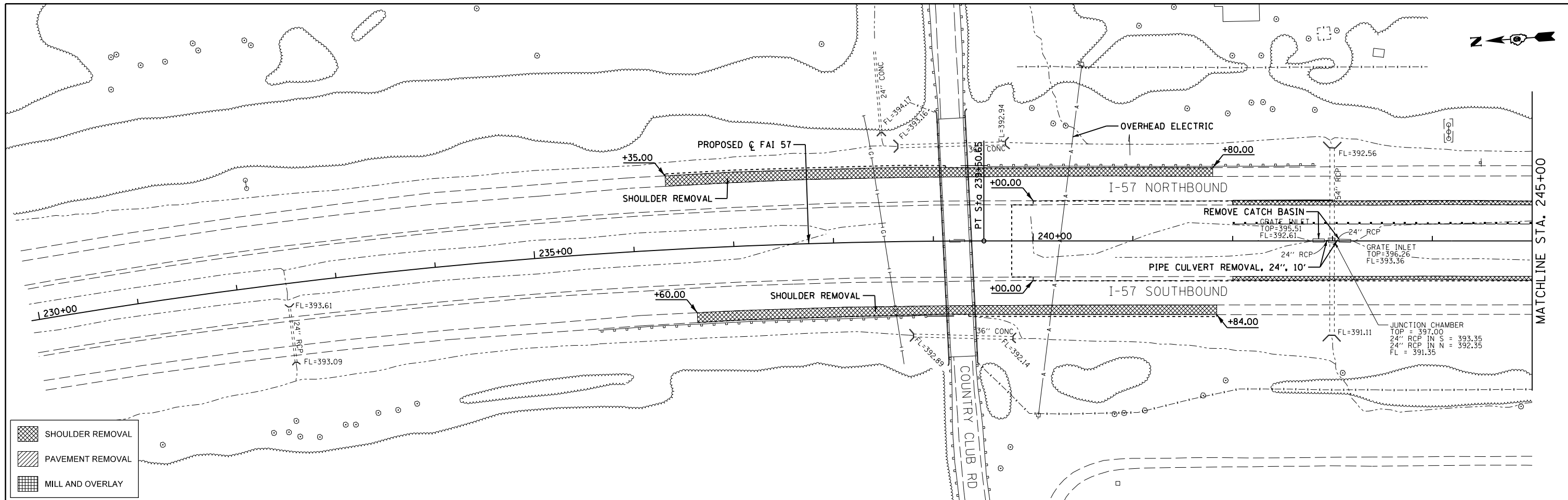
SIGN DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

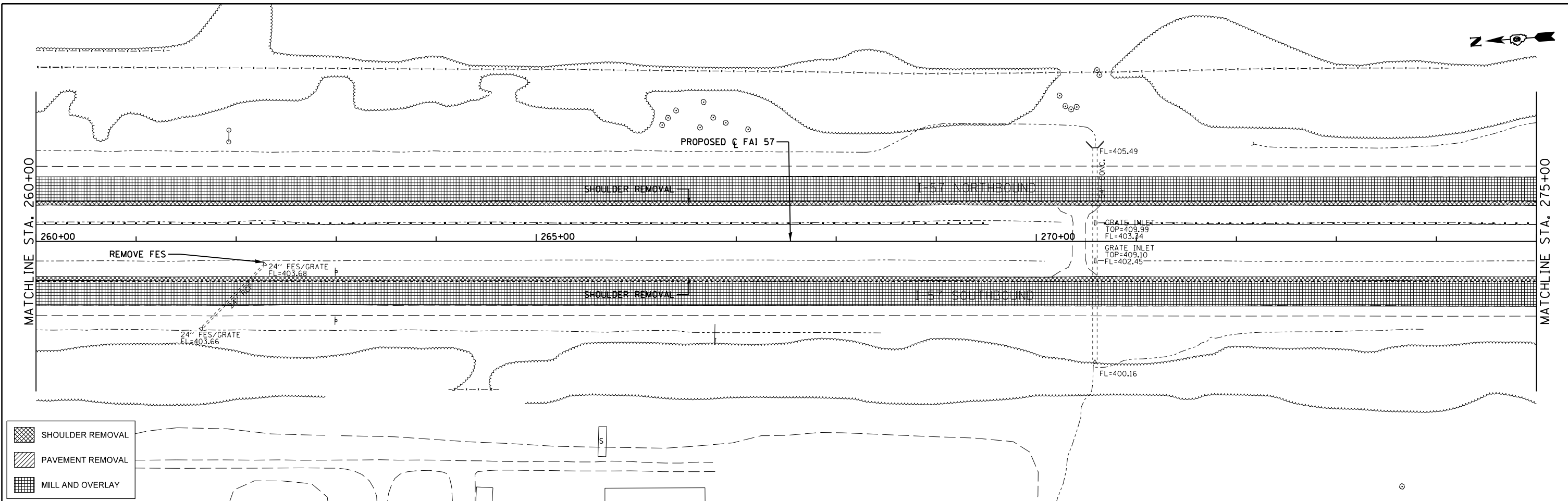
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	*	191	79
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78363	

**(X-4)R-2;(28-5-1,28-5)R-1

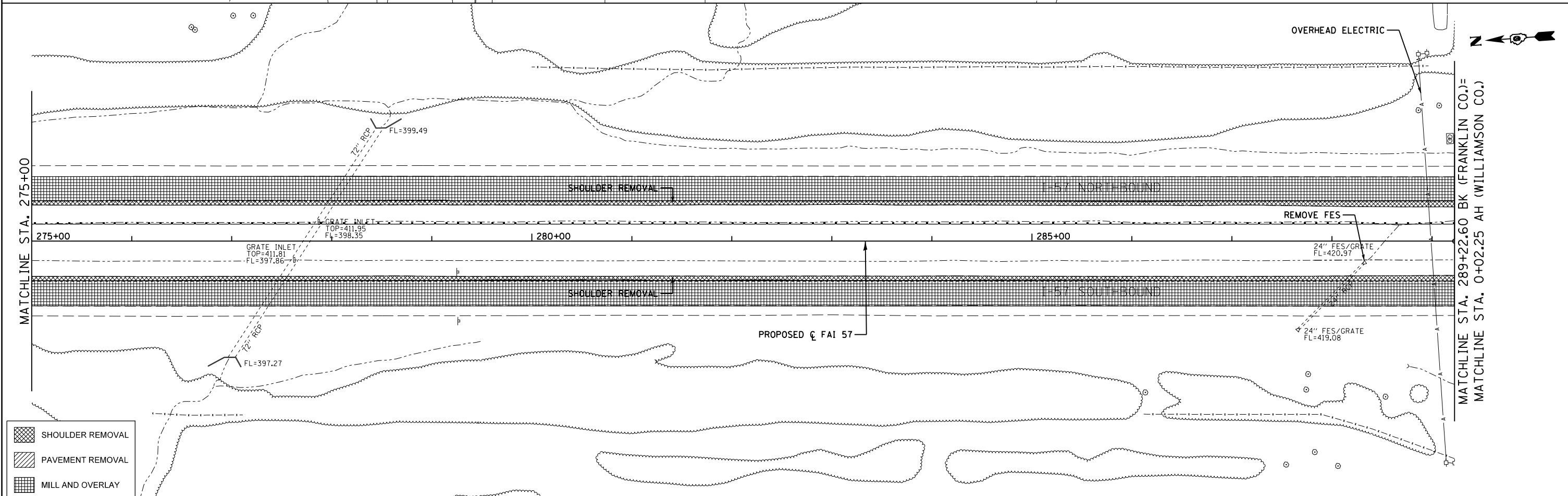
*FRANKLIN / WILLIAMSON



FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 100.0000' / in.	CHECKED - SLD	REVISED -			CONTRACT NO. 78363					
	PLOT DATE = 8/16/2018	DATE - 11/26/13	REVISED -	SCALE: 1"=50'		SHEET 1 OF 8 SHEETS		STA. 230+00 TO STA. 260+00		ILLINOIS FED. AID PROJECT	



- SHOULDER REMOVAL
- PAVEMENT REMOVAL
- MILL AND OVERLAY



- SHOULDER REMOVAL
- PAVEMENT REMOVAL
- MILL AND OVERLAY

FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -
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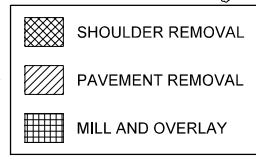
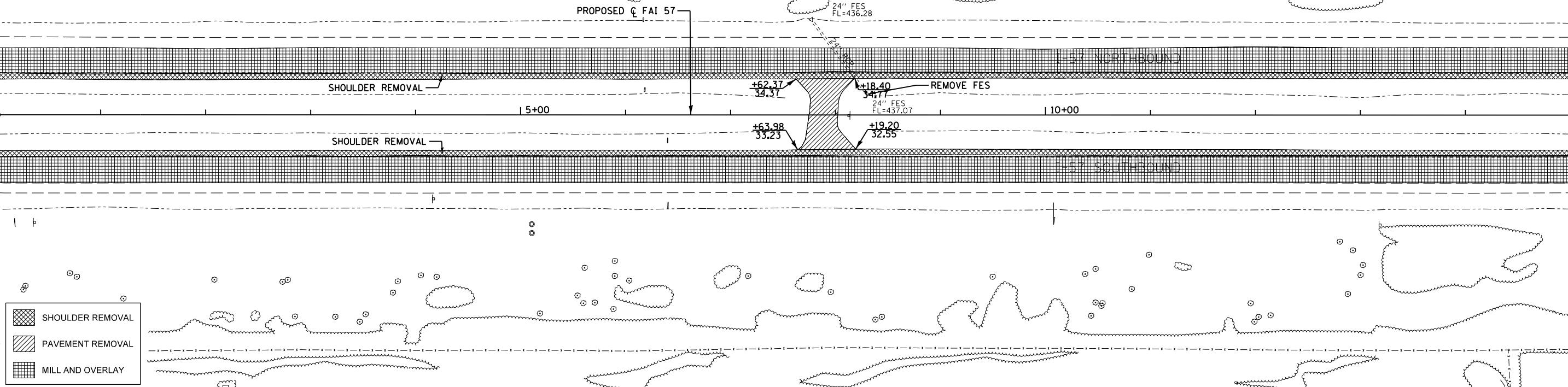
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=50' SHEET 2 OF 8 SHEETS STA. 260+00 TO STA. 289+22.60

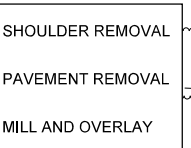
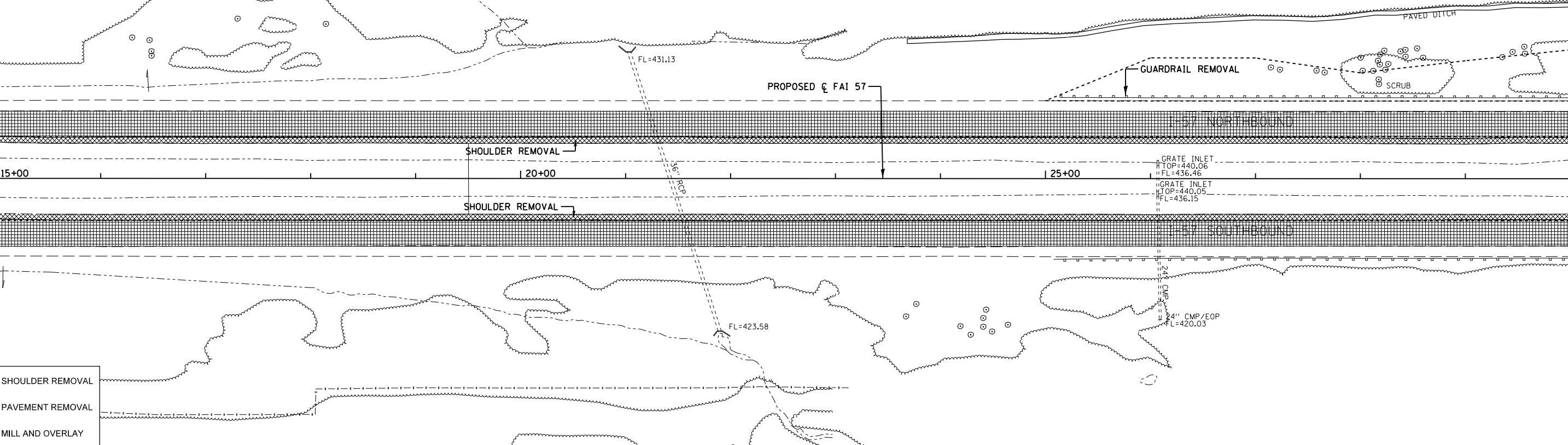
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2+(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	81
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 289+22.60 BK (FRANKLIN CO.)
 MATCHLINE STA. 0+02.25 AH (WILLIAMSON CO.)



MATCHLINE STA. 15+00

MATCHLINE STA. 15+00



MATCHLINE STA. 30+00

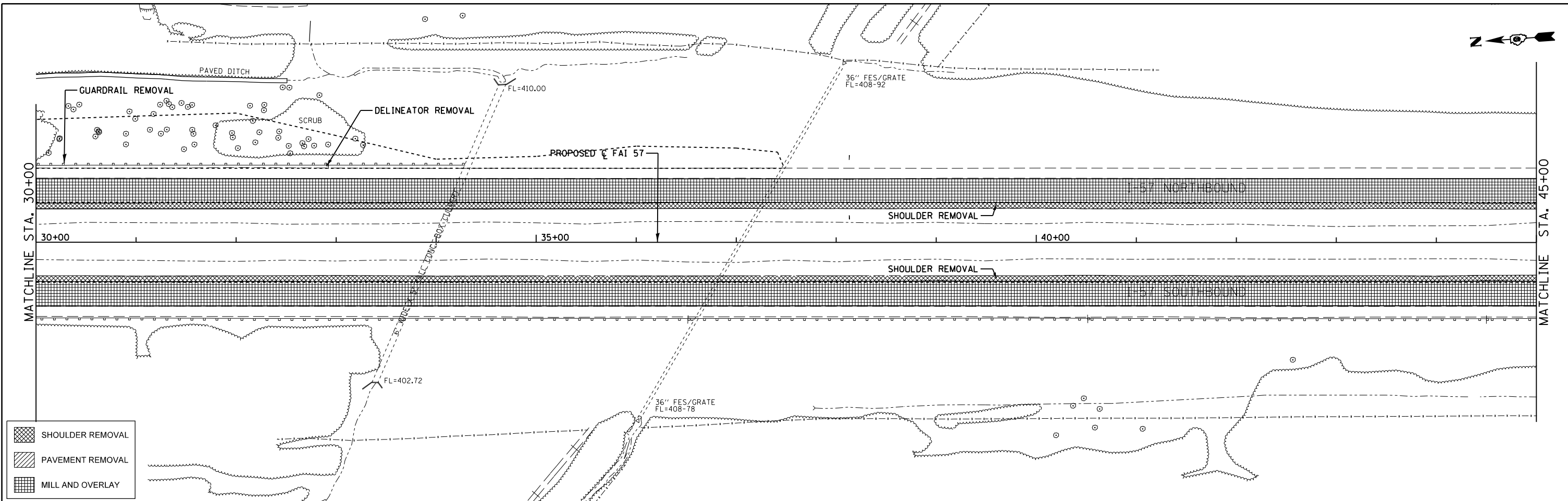
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

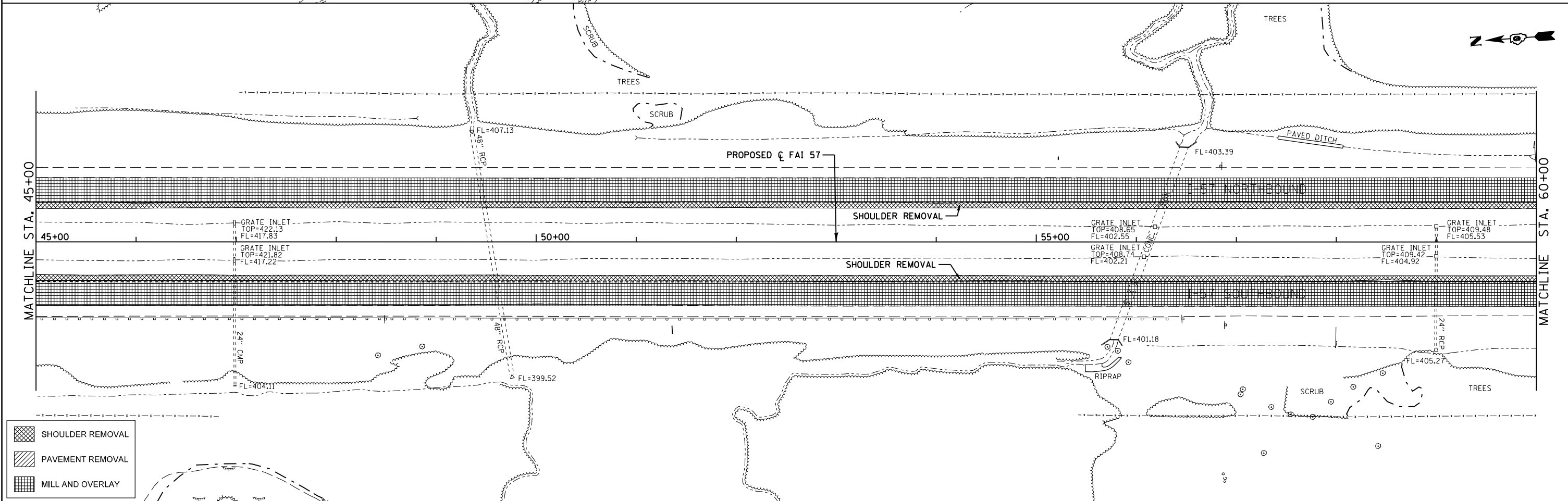
REMOVAL PLAN

SCALE: 1"=50' SHEET 3 OF 8 SHEETS STA. 0+02.25 TO STA. 30+00

F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	82
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				



- SHOULDER REMOVAL
- PAVEMENT REMOVAL
- MILL AND OVERLAY



- SHOULDER REMOVAL
- PAVEMENT REMOVAL
- MILL AND OVERLAY

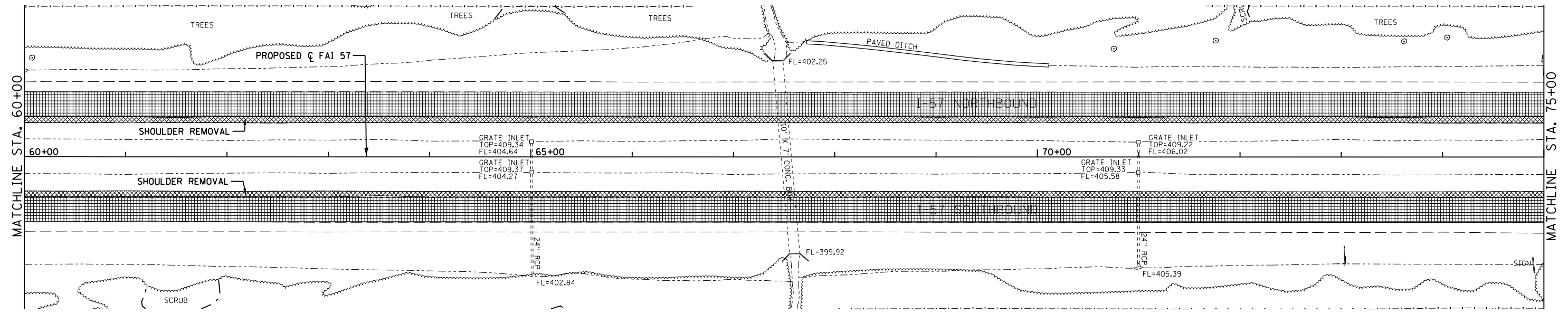
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Default	PLOT DATE = 8/16/2018	DATE - 11/26/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

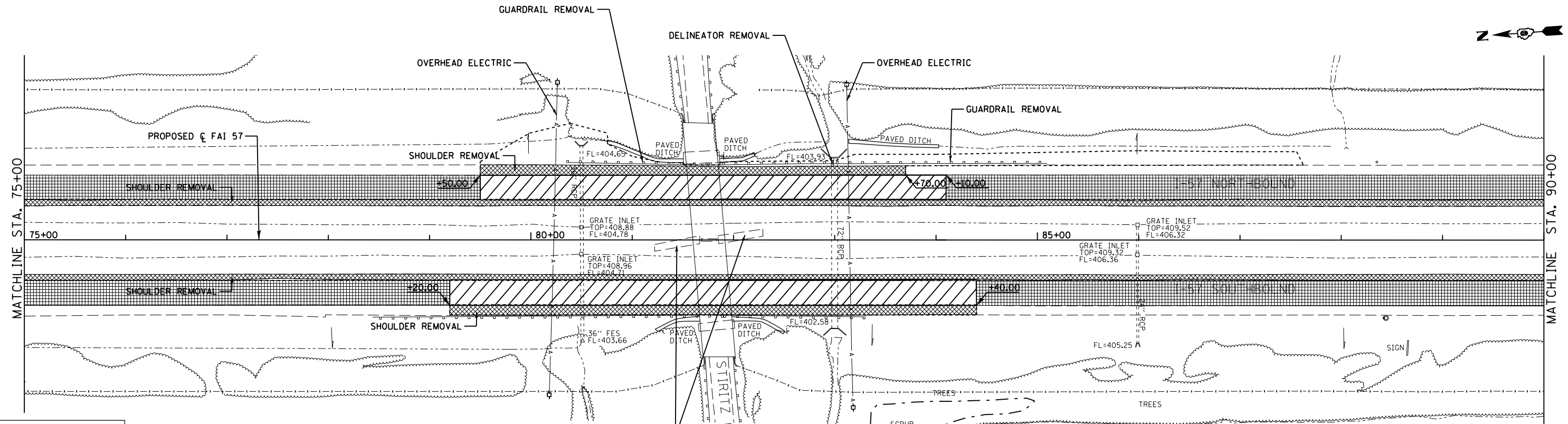
REMOVAL PLAN

SCALE: 1"=50' SHEET 4 OF 8 SHEETS STA. 30+00 TO STA. 60+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2+(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	83
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				



SHOULDER REMOVAL
 PAVEMENT REMOVAL
 MILL AND OVERLAY



SHOULDER REMOVAL
 PAVEMENT REMOVAL
 MILL AND OVERLAY

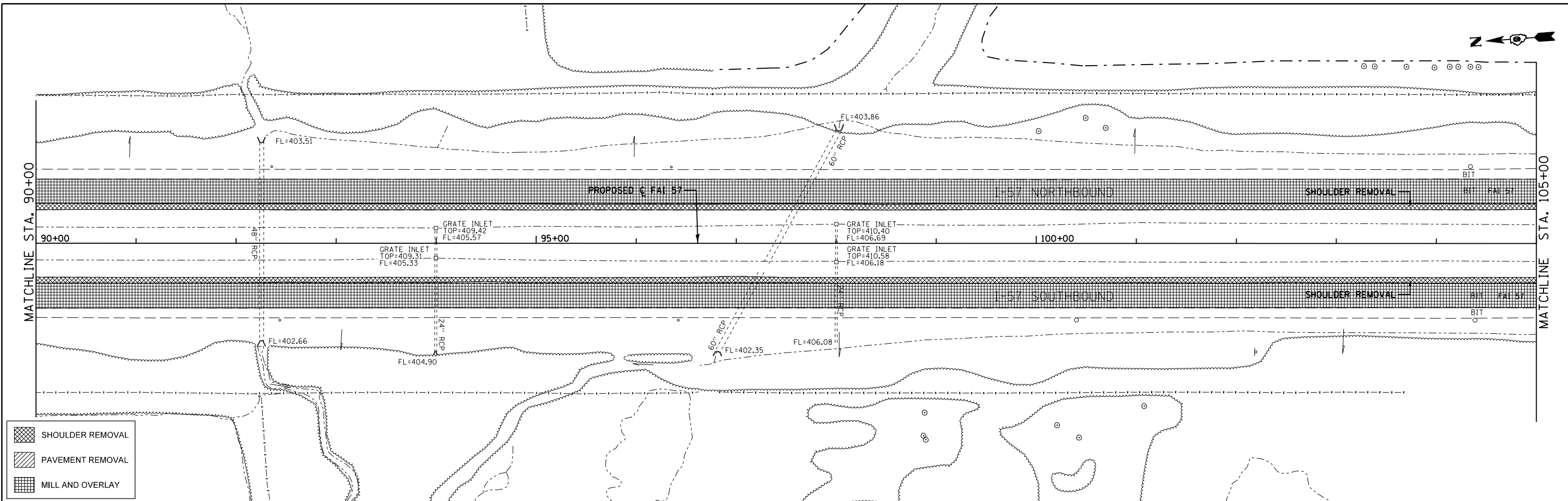
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Default	PLOT DATE = 8/16/2018	DATE - 11/26/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

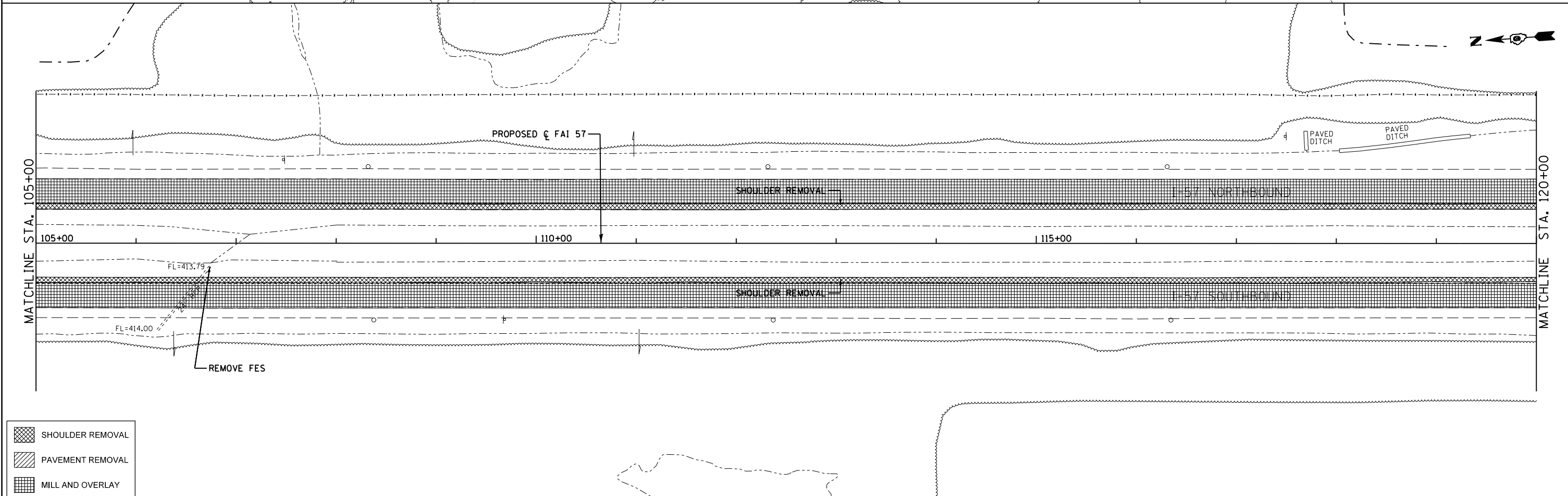
REMOVAL PLAN

SCALE: 1"=50' SHEET 5 OF 8 SHEETS STA. 60+00 TO STA. 90+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	84
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				



- SHOULDER REMOVAL
- PAVEMENT REMOVAL
- MILL AND OVERLAY



- SHOULDER REMOVAL
- PAVEMENT REMOVAL
- MILL AND OVERLAY

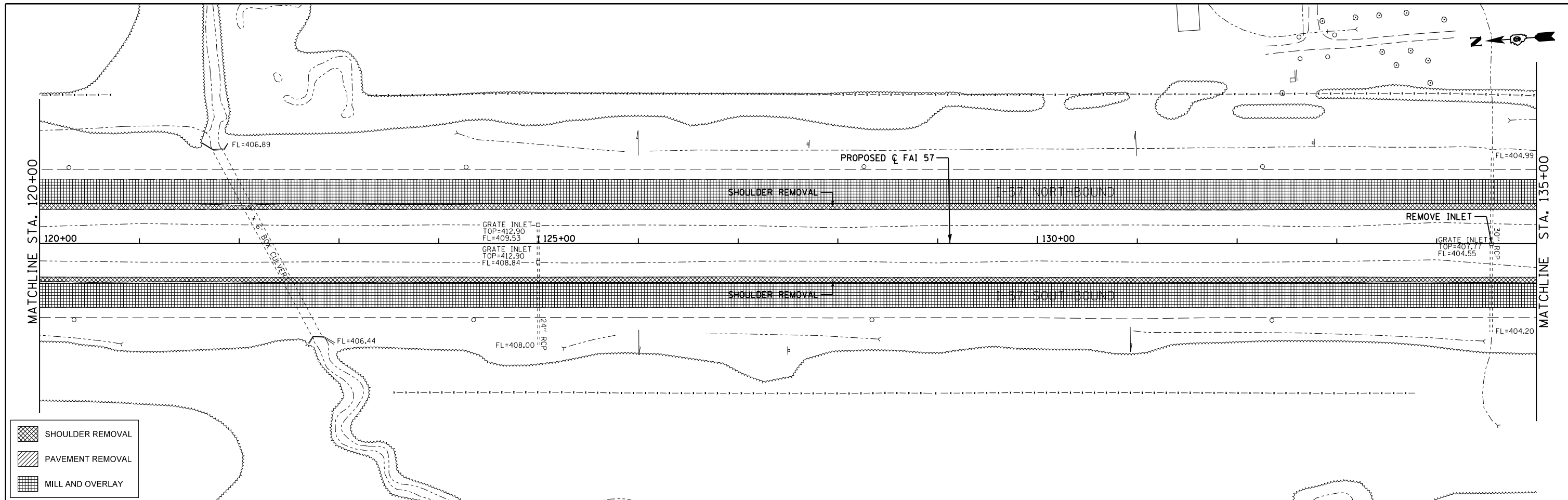
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Default	PLOT DATE = 8/16/2018	DATE - 11/26/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

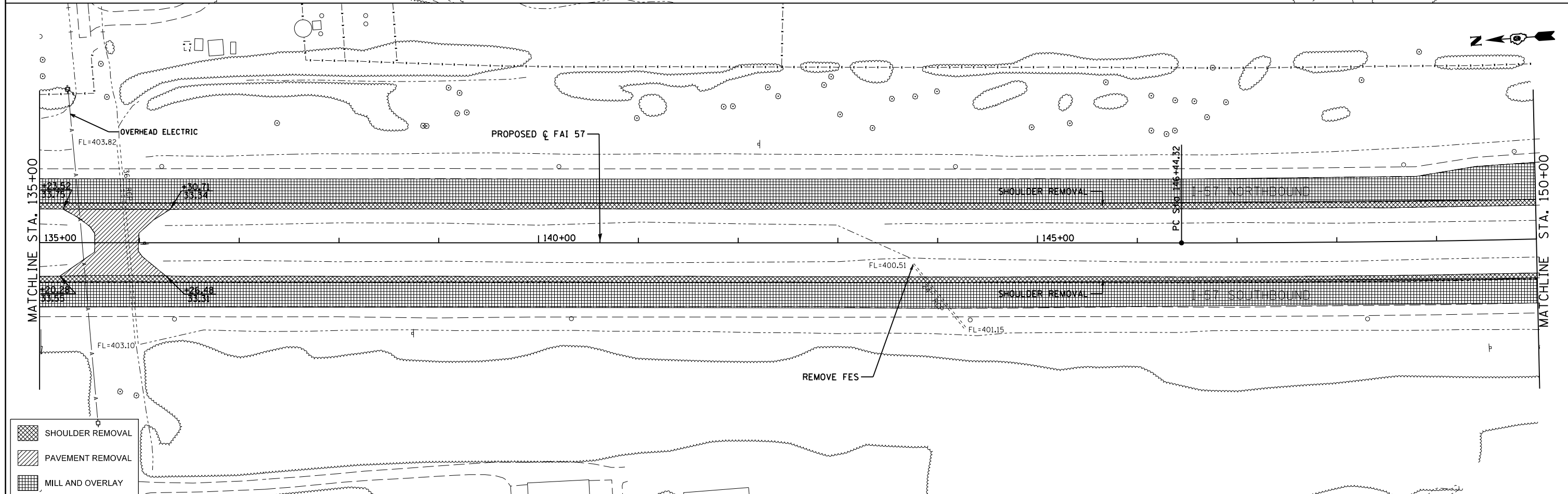
REMOVAL PLAN

SCALE: 1"=50' SHEET 6 OF 8 SHEETS STA. 90+00 TO STA. 120+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	85
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				

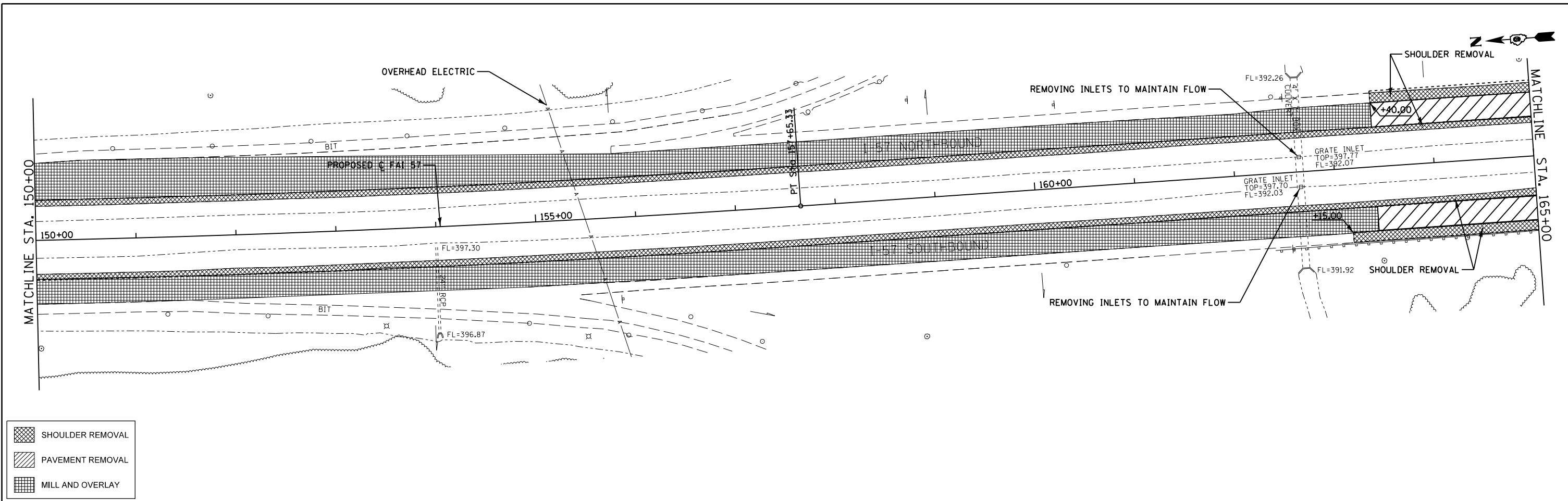


- SHOULDER REMOVAL
- PAVEMENT REMOVAL
- MILL AND OVERLAY

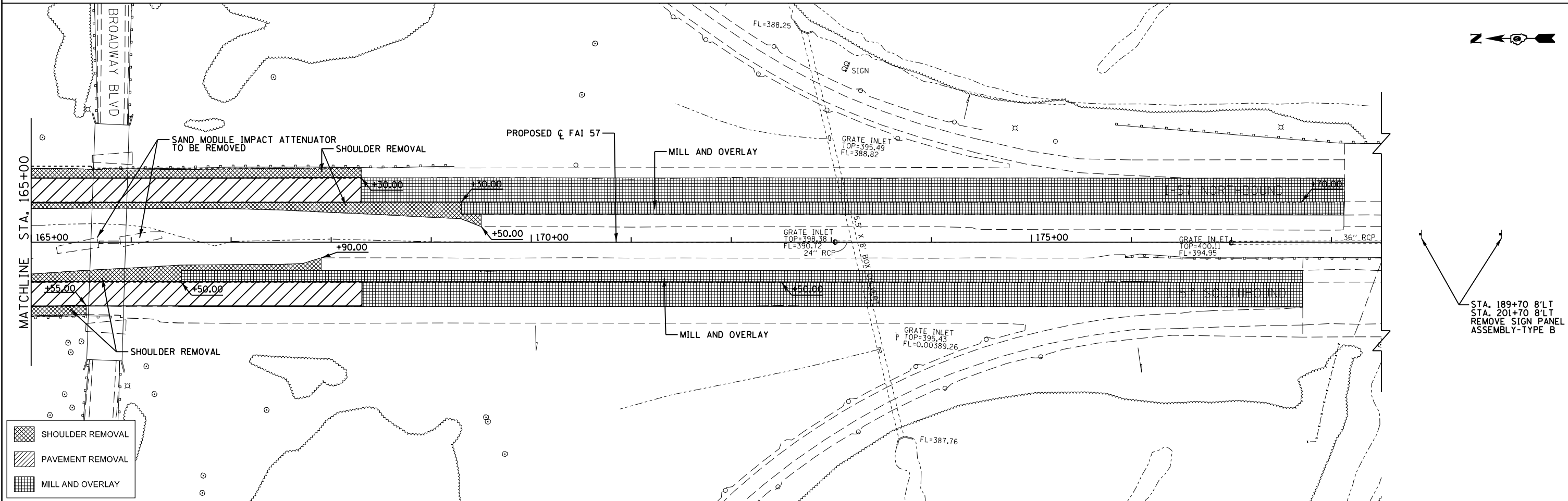


- SHOULDER REMOVAL
- PAVEMENT REMOVAL
- MILL AND OVERLAY

FILE NAME =	USER NAME = knopen	DESIGNED - JRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000' / in.	CHECKED - SLD	REVISED -		SCALE: 1"=50'			SHEET 7 OF 8 SHEETS STA. 120+00 TO STA. 150+00			ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/16/2018	DATE - 11/26/13	REVISED -									



- SHOULDER REMOVAL
- PAVEMENT REMOVAL
- MILL AND OVERLAY



- SHOULDER REMOVAL
- PAVEMENT REMOVAL
- MILL AND OVERLAY

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Default	PLOT DATE = 8/16/2018	DATE - 11/26/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=50' SHEET 8 OF 8 SHEETS STA. 150+00 TO STA. 180+00


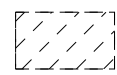
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	87
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				

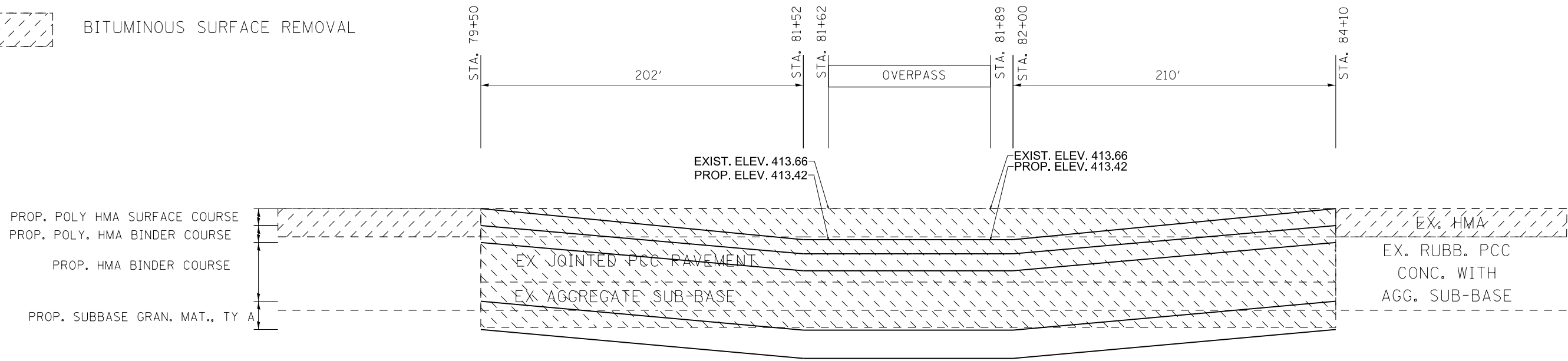
STA. 189+70 8'LT
STA. 201+70 8'LT
REMOVE SIGN PANEL
ASSEMBLY-TYPE B

REMOVE AND REPLACE TRANSITION

SN 100-0053 (Stiritz Road)

NB LANES ALONG ϕ OF LANES


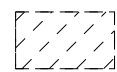
-  FULL DEPTH PAVEMENT REMOVAL
-  BITUMINOUS SURFACE REMOVAL

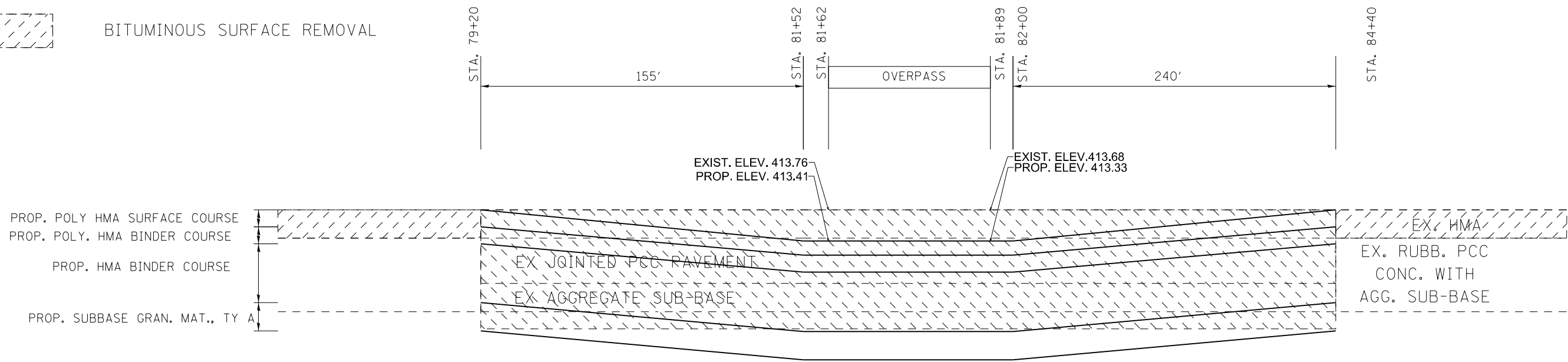


REMOVE AND REPLACE TRANSITION

SN 100-0053 (Stiritz Road)

SB LANES ALONG ϕ OF LANES

-  FULL DEPTH PAVEMENT REMOVAL
-  BITUMINOUS SURFACE REMOVAL



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE AND REPLACE
TRANSITION DETAILS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	-	191	88
CONTRACT NO. 78363				

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT


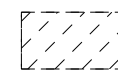
*FRANKLIN / WILLIAMSON

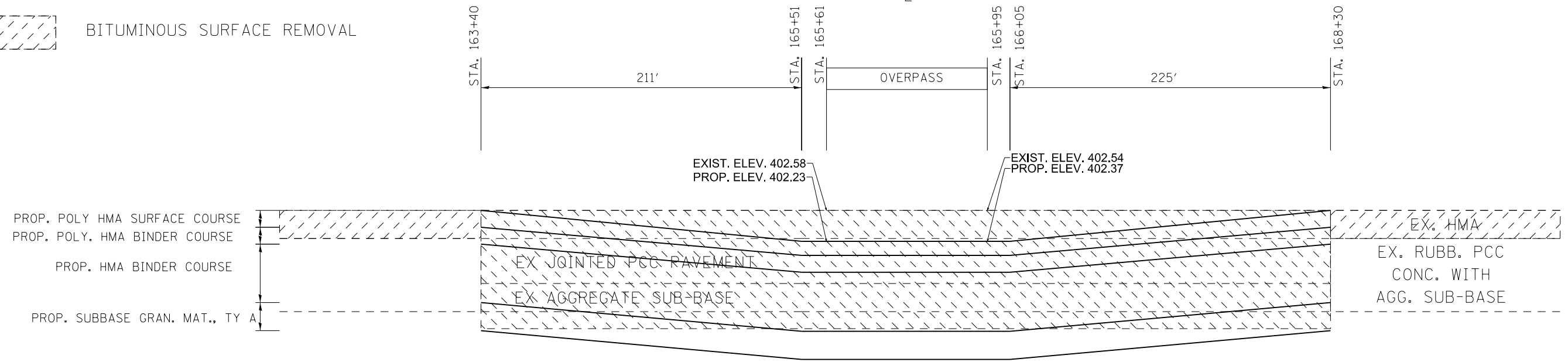
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REMOVE AND REPLACE TRANSITION

SN 100-0040 (Herrin Road)

NB LANES ALONG ϕ OF LANES


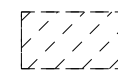
-  FULL DEPTH PAVEMENT REMOVAL
-  BITUMINOUS SURFACE REMOVAL

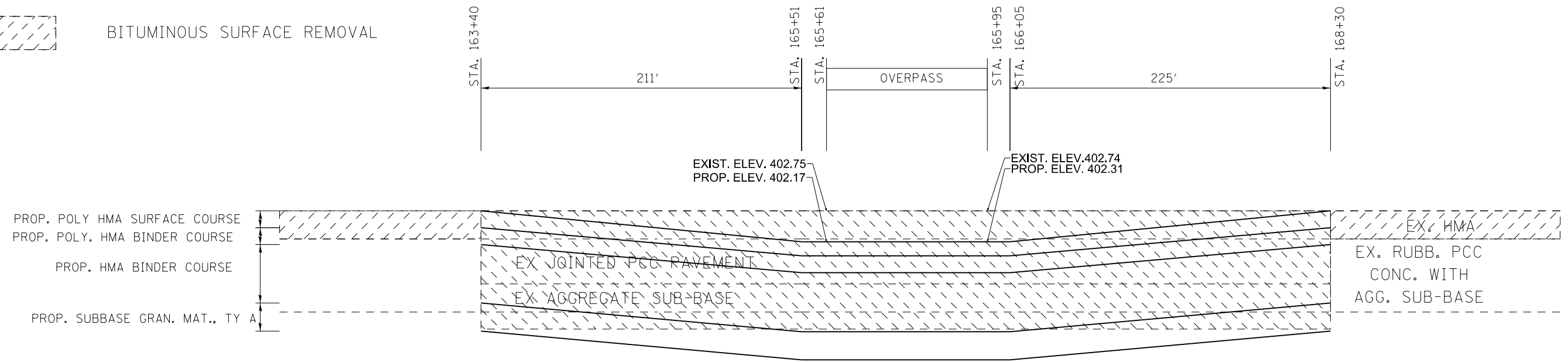


REMOVE AND REPLACE TRANSITION

SN 100-0040 (Herrin Road)

SB LANES ALONG ϕ OF LANES

-  FULL DEPTH PAVEMENT REMOVAL
-  BITUMINOUS SURFACE REMOVAL



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	DRAWN -	REVISED -
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PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVE AND REPLACE
TRANSITION DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

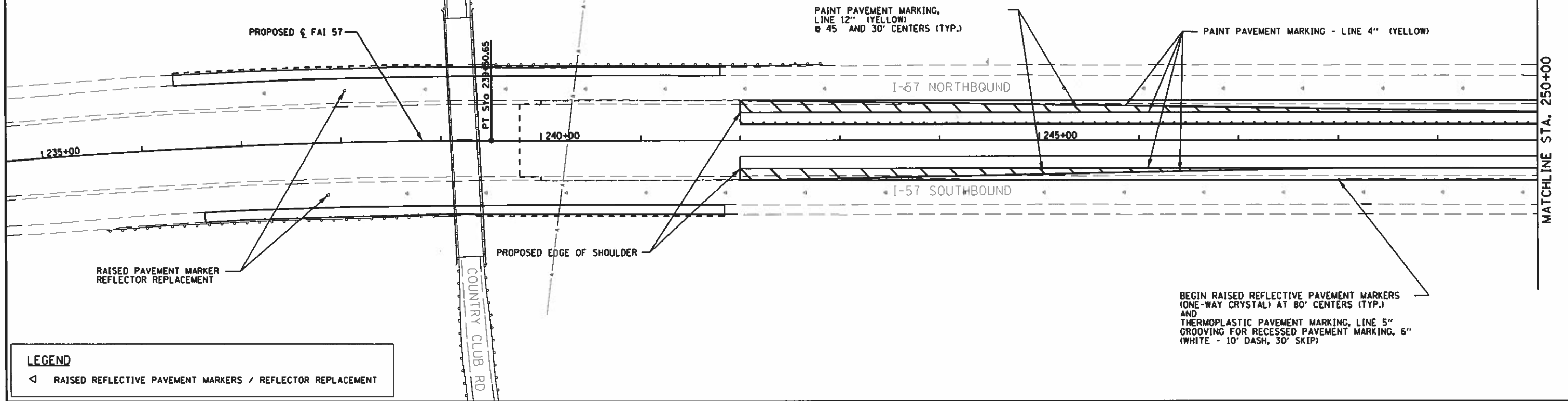
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	-	191	89
CONTRACT NO. 78363				

ILLINOIS FED. AID PROJECT

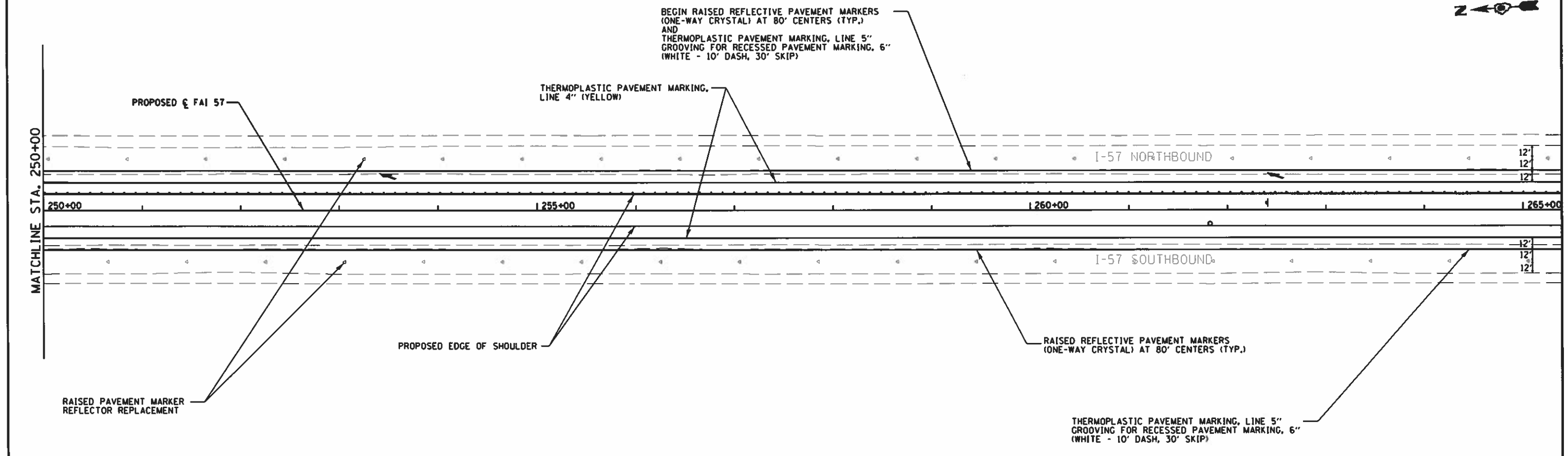
*FRANKLIN / WILLIAMSON

** (X-4)R-2;(28-5-1,28-5)R-1

NOTE
 SEE PAVEMENT MARKING TYPICAL AND SCHEDULE OF QUANTITIES FOR
 PAVEMENT MARKINGS, RAISED REFLECTIVE PAVEMENT MARKERS,
 RAISED PAVEMENT MARKER REFLECTOR REPLACEMENT AND REMOVALS.

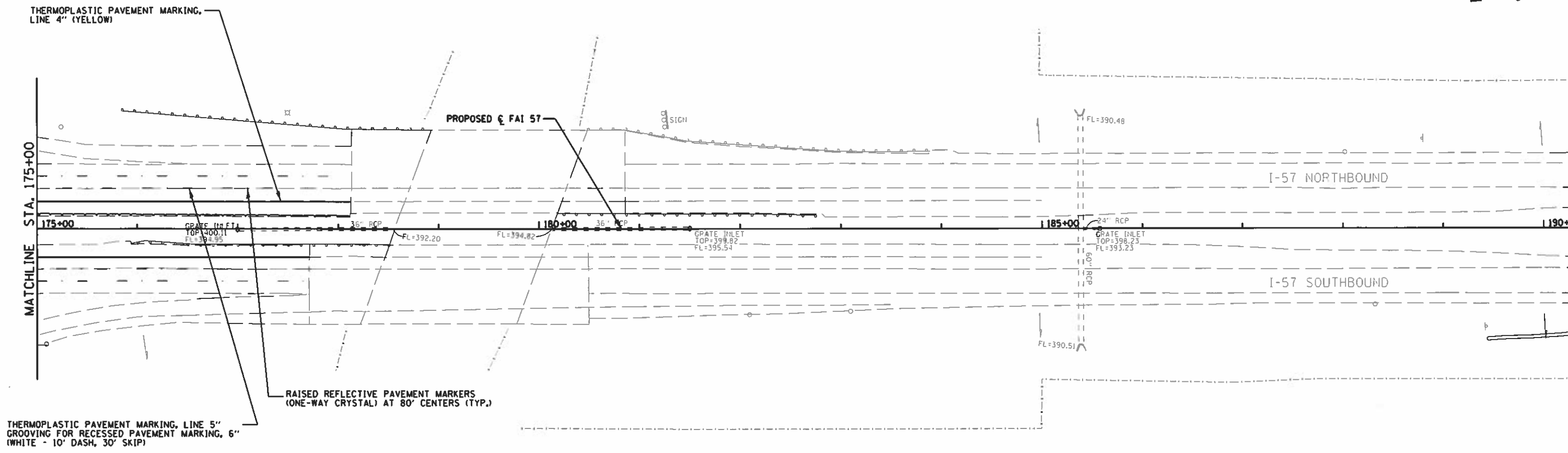
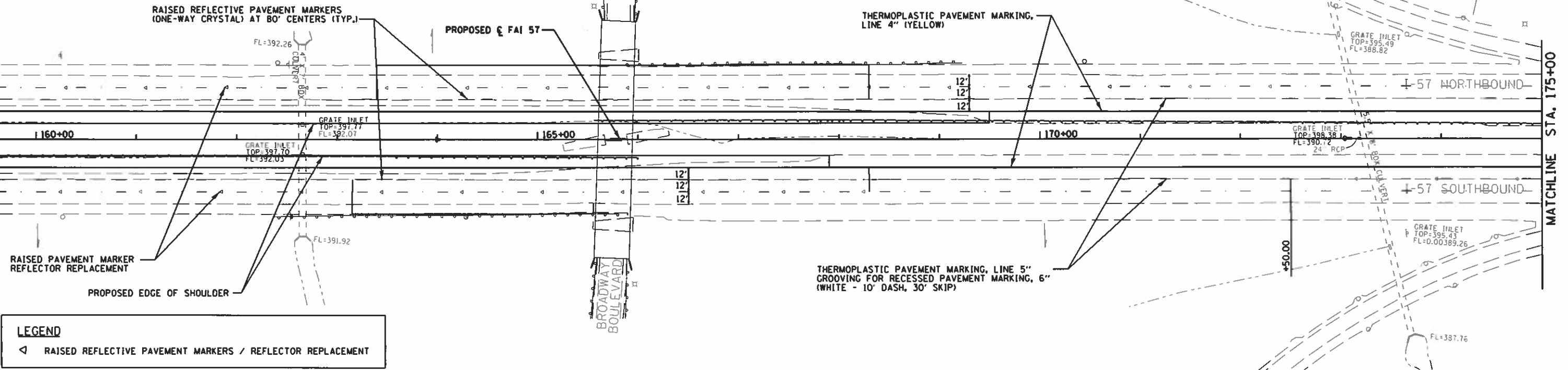


LEGEND
 ◁ RAISED REFLECTIVE PAVEMENT MARKERS / REFLECTOR REPLACEMENT



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p:\11\884810\INTEG\11\inos\go-PW\DOT\Documents\DOT Offices\District 9\Projects\783	DRAWN to: CA@shae JRD-0978363-ahr-pnk	CHECKED = SLD	REVISED =		SCALE: 1"=50'	SHEET 2	OF 3	SHEETS	STA. 235+00	TO STA. 265+00	CONTRACT NO. 78363	
		DATE = 11/26/13	REVISED =		ILLINOIS FED. AID PROJECT							
Default	PLOT DATE = 9/28/2018											

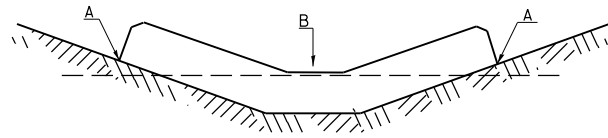
NOTE
 SEE PAVEMENT MARKING TYPICAL AND SCHEDULE OF QUANTITIES FOR PAVEMENT MARKINGS, RAISED REFLECTIVE PAVEMENT MARKERS, RAISED PAVEMENT MARKER REFLECTOR REPLACEMENT AND REMOVALS.



FILE NAME =	USER NAME = prschettl	DESIGNED = JRD	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING TYPICAL INTERSTATE 57			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000	CHECKED = SLD	REVISED =		SCALE: 1"=50'	SHEET 3	OF 3 SHEETS	STA. 160+00	TO STA. 190+00	CONTRACT NO. 78363	(ILLINOIS) FED. AID PROJECT	
	PLOT DATE = 9/28/2018	DATE = 11/26/13	REVISED =									

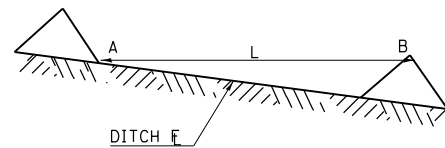
TEMPORARY DITCH CHECKS

PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



POINTS A SHOULD BE HIGHER THAN POINT B

SPACING BETWEEN TEMPORARY DITCH CHECKS



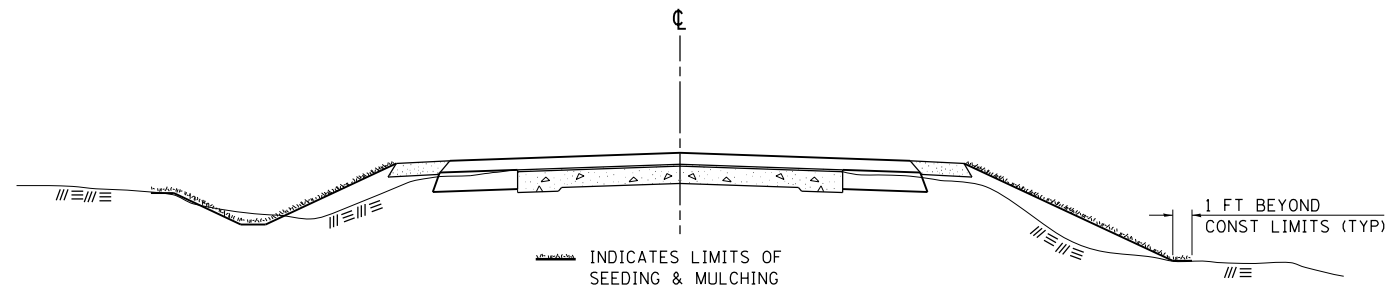
L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION

B = THE LOW POINT IN CENTER OF CHECK

STD. 9-108

REVISIONS	
DRAWN	9-01-99
REVISED	10-3-01
RESIZED	5-8-08
REVISED	05-04-10

SEEDING & MULCHING



GENERAL NOTES

IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDED AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS.

FERTILIZER NUTRIENTS AND LIMESTONE SHALL BE APPLIED TO ALL SEEDED AREAS.

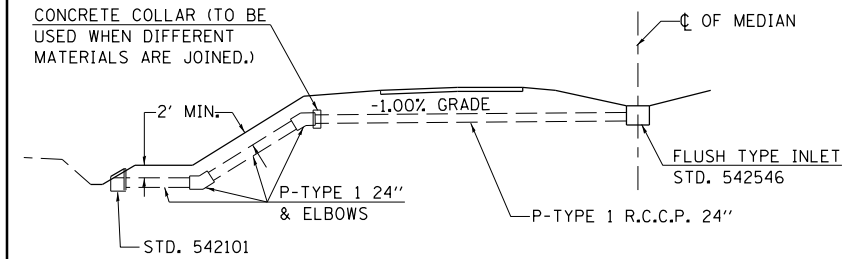
THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS.

SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

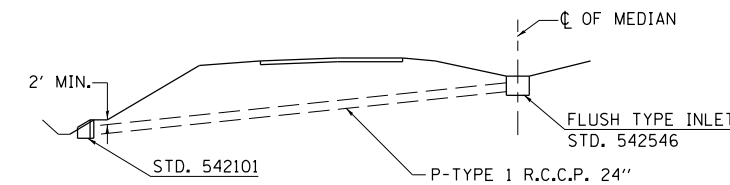
STD. 9-12

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
REVISED	6-3-99
REVISED	3-27-08

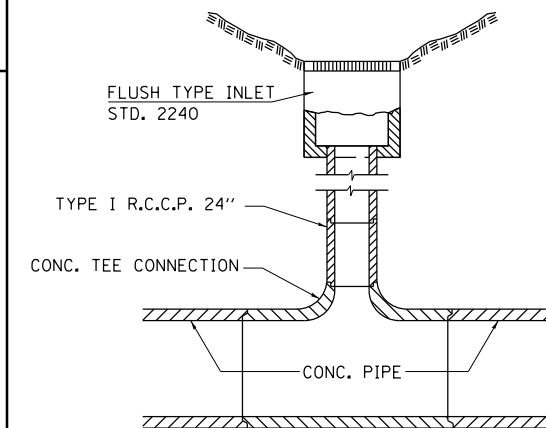
DETAILS SHOWING METHOD OF DRAINING PROPOSED MEDIAN INLETS



TYPICAL SECTION FOR FILLS
CASE I

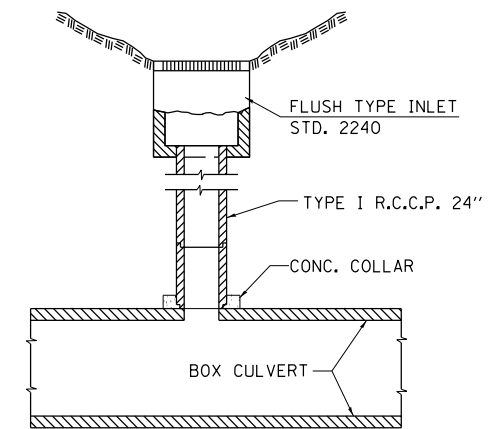


TYPICAL SECTION FOR FILLS
CASE II

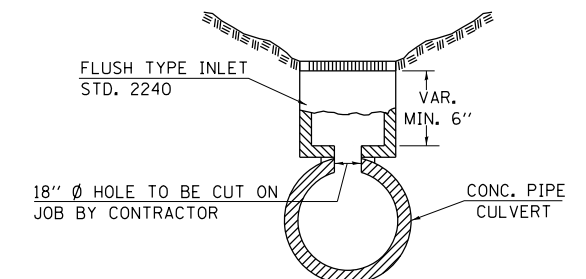


CASE I

INSTALLATION DETAILS WHERE INLETS OCCUR DIRECTLY OVER PROPOSED PIPE CULVERT AND WHERE SUFFICIENT SPACE EXISTS BETWEEN BOTTOM OF INLET AND TOP OF CULVERT TO ALLOW THE USE OF ONE OR MORE JOINTS OF PIPE.



INSTALLATION DETAILS WHERE INLETS
OCCUR DIRECTLY OVER PROPOSED BOX CULVERT



CASE II

INSTALLATION DETAILS WHERE INLETS OCCUR DIRECTLY OVER PROPOSED PIPE CULVERT AND WHERE SUFFICIENT SPACE DOES NOT EXIST BETWEEN BOTTOM OF INLET AND TOP OF CULVERT TO ALLOW THE USE OF A FULL JOINT OF PIPE.

STD. 9-23

REVISIONS	
REDRAWN	8-17-89
REVISED	3-26-08
REVISED	
REVISED	

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		DATE - 11/26/13	REVISED -

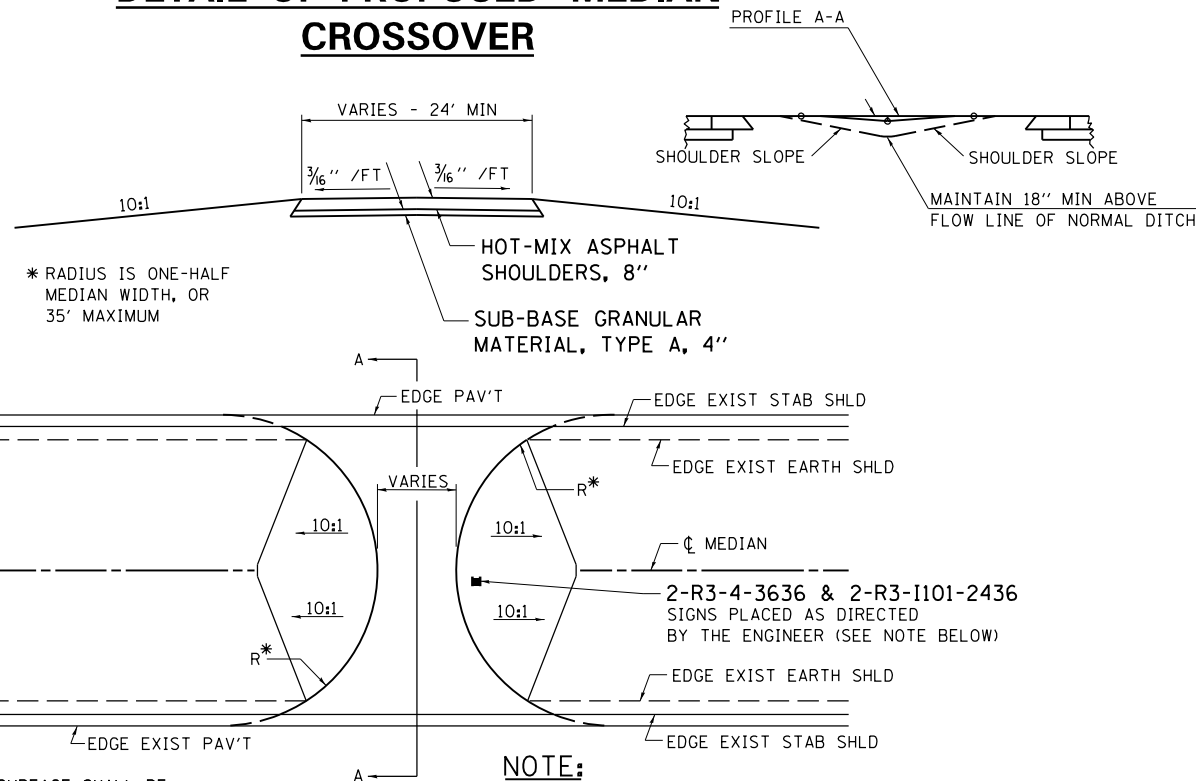
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT DETAILS

SCALE: N. T. S. SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2+(28-5-1,28-5)R-1	FRANKLIN/WILLIAMSON	191	93
CONTRACT NO. 78363			ILLINOIS FED. AID PROJECT	

DETAIL OF PROPOSED MEDIAN CROSSOVER



TO BE USED:

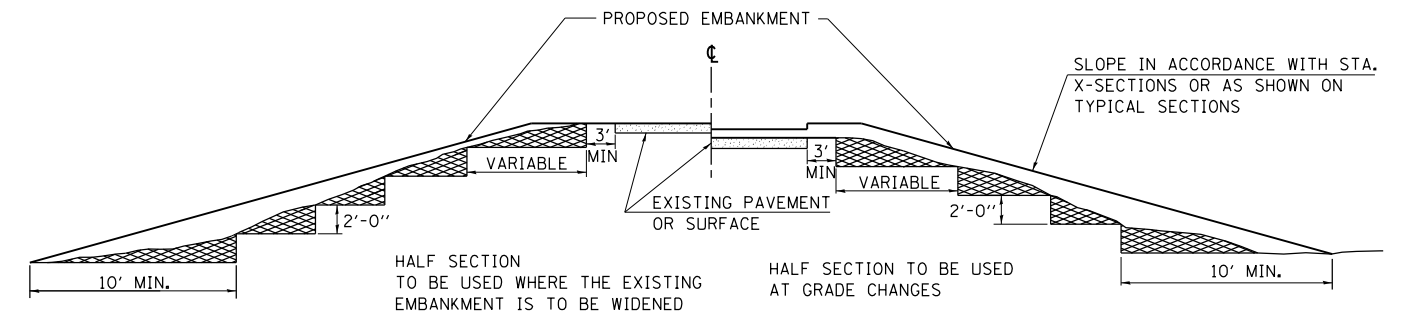
NOTE:
THE PROPOSED CROSSOVER SURFACE SHALL BE BUTTED TO THE EDGE OF THE EXISTING STABILIZED SHOULDER.

NOTE:
THE SIGN ASSEMBLY FOR LOCATIONS WITH EXISTING SIGNS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "RELOCATION SIGN PANEL ASSEMBLY TYPE B" EXISTING SIGN SUPPORTS SHALL BE USED FOR NEW INSTALLATION.

REVISIONS	
DRAWN	8-30-89
REVISED	01-10-07
REVISED	3-26-08

STD. 9-55

TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL

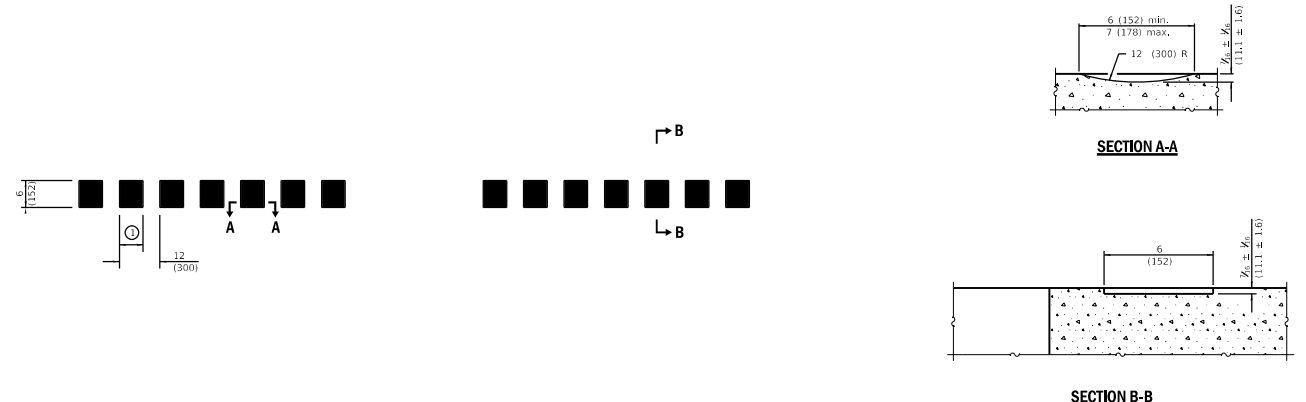


MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ART. 205.04 OF THE STANDARD SPECIFICATION. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF THIS WORK.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
CHECKED	6-3-99
RESIZED	5-7-08
REVIEWED	5-17-13

STD. 9-16

DETAILS OF 6 INCH RUMBLE STRIP

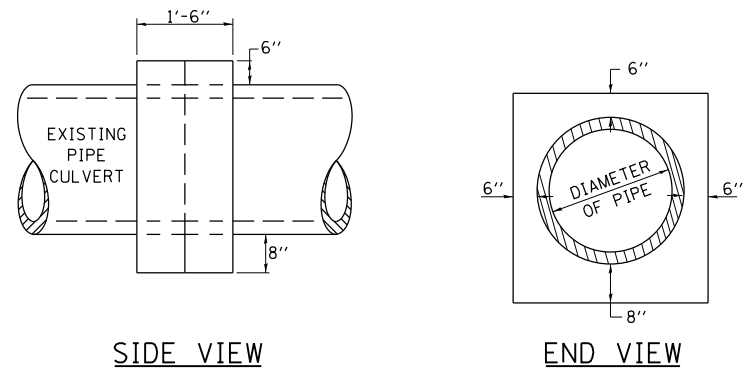


PLAN
See Section A-A.

GENERAL NOTES

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

DETAILS OF CONCRETE COLLAR PIPE TO PIPE



TABULATION

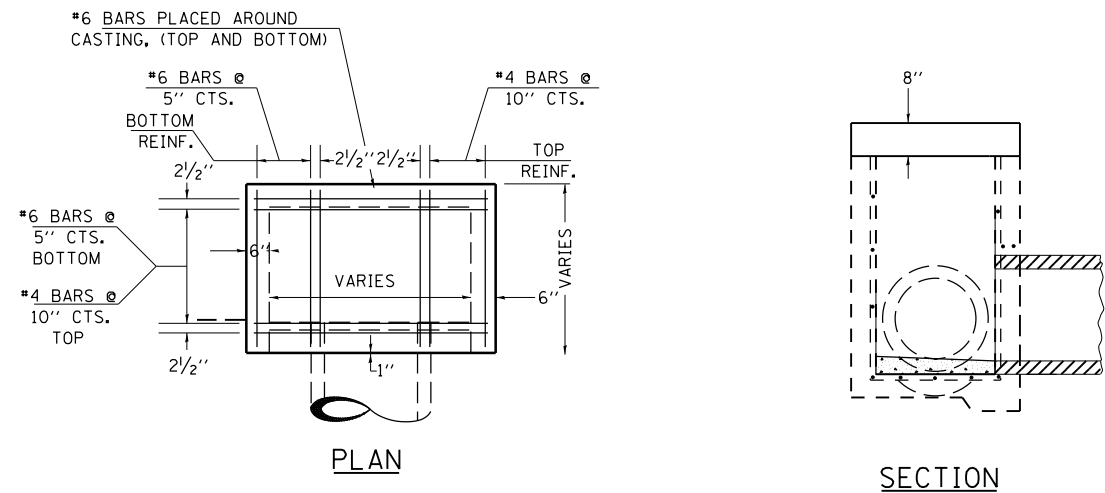
DIAMETER OF PIPE	CL SI CONC CU YDS EST
12"	0.24
15"	0.29
18"	0.32
24"	0.44
30"	0.56
36"	0.66
42"	0.80
48"	0.93
54"	1.07
60"	1.22
72"	1.55
78"	1.72

THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR **CONCRETE COLLAR**, AS SHOWN ON THE PLANS, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS THE EXISTING HEADWALLS AS MAY BE REQUIRED.
CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

REVISIONS	
DRAWN	7-13-90
REVISED	8-22-94
REVISED	3-26-08

STD. 9-79

REMOVING INLET TO MAINTAIN FLOW

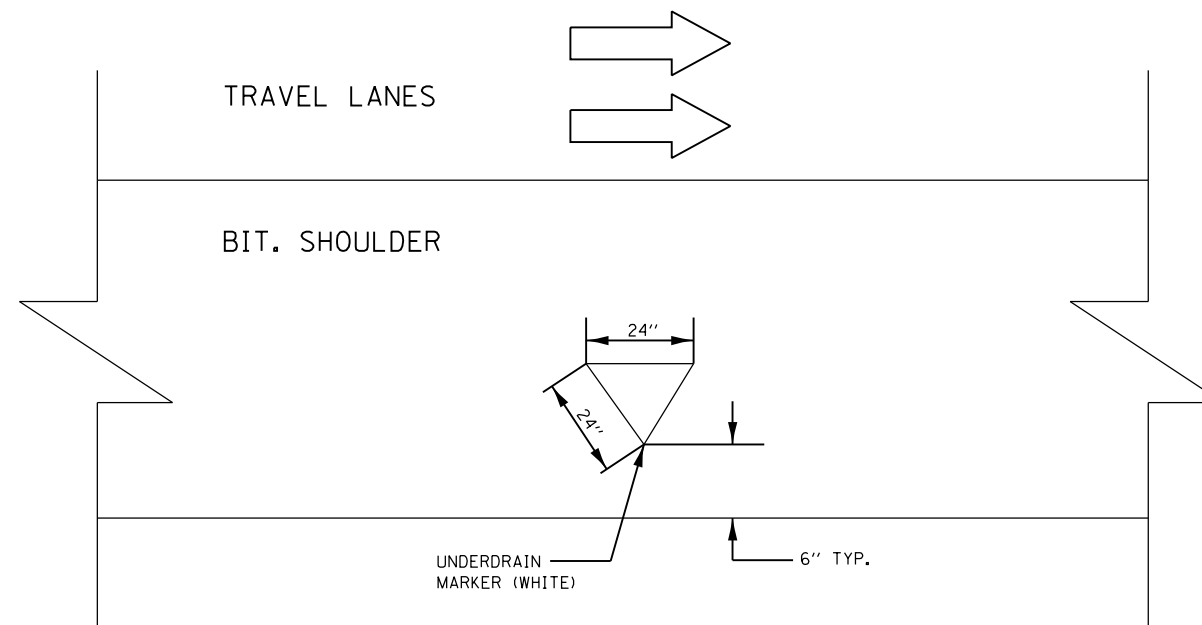


NOTES:

PROVIDE 1/2" CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.

INLET SIZE VARIES IN FIELD. ALL INLETS NEED FIELD CHECKED AND FINAL APPROVAL FROM ENGINEER BEFORE ORDERING LIDS.

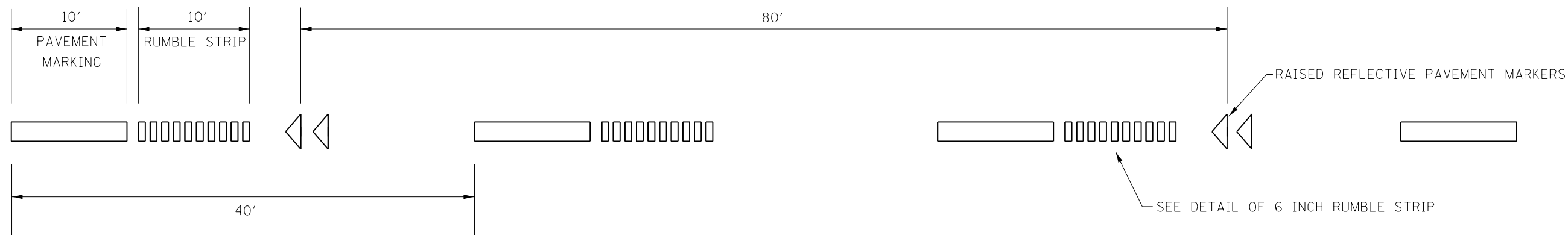
TYPICAL UNDERDRAIN OUTLET MARKER DETAIL



NOTES:

TO BE PAID FOR AS THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (USE 2 SQ FT FOR AREA)

CENTERLINE RUMBLE STRIP DETAIL



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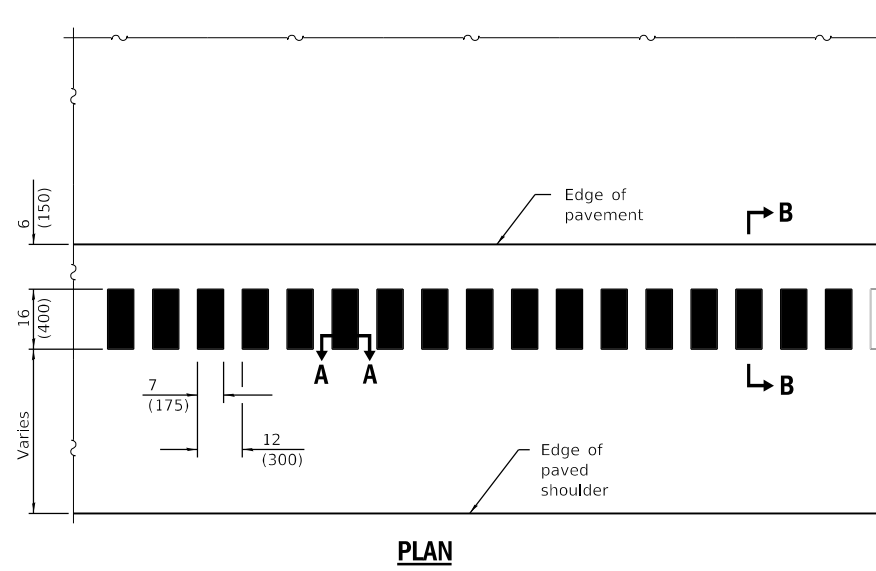
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

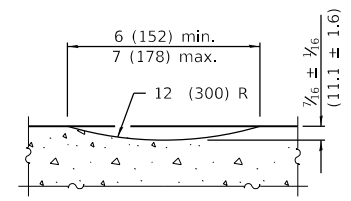
INLET DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

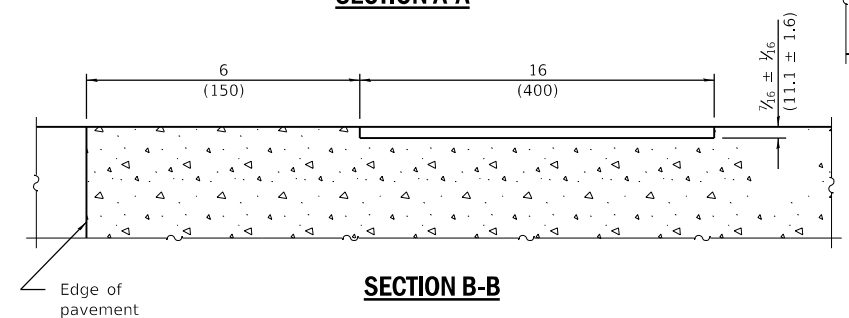
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57	**	-	191	95
CONTRACT NO. 78363				



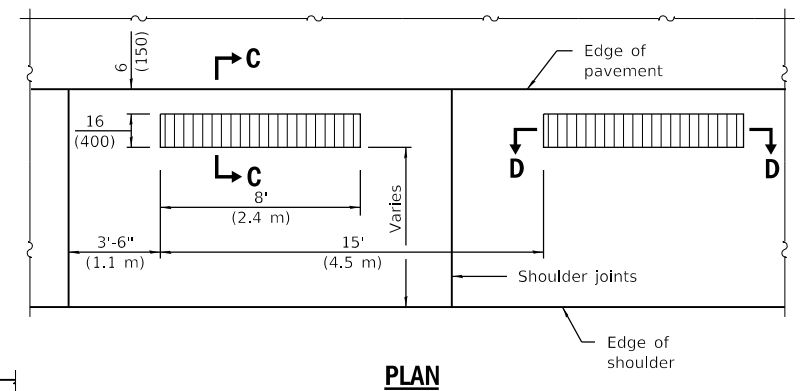
PLAN



SECTION A-A

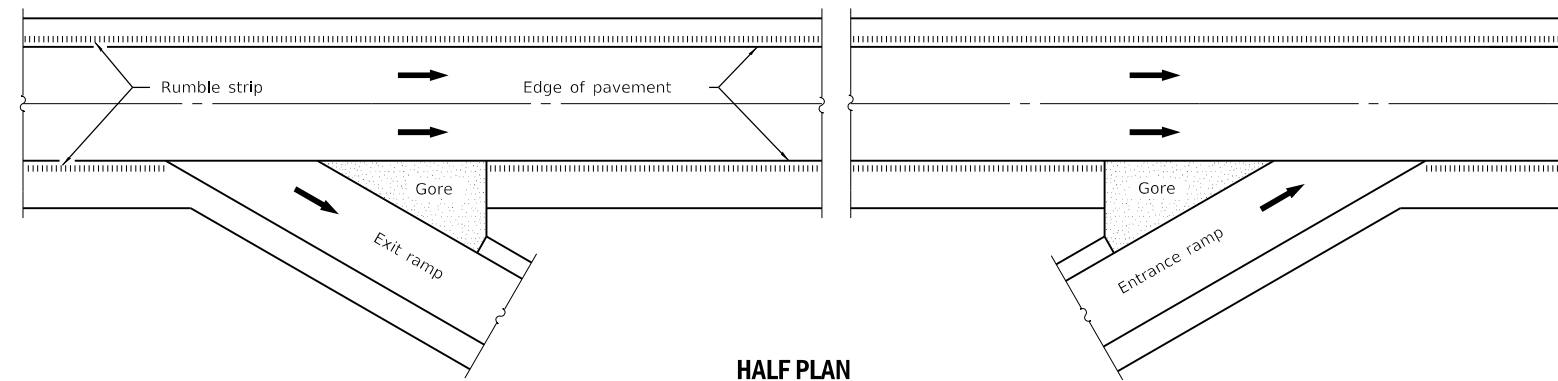


SECTION B-B

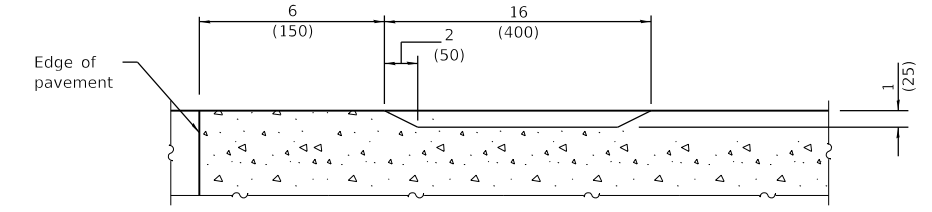


PLAN

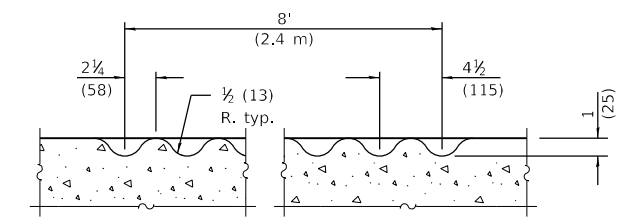
(Formed Alternate for PCC Shoulders)



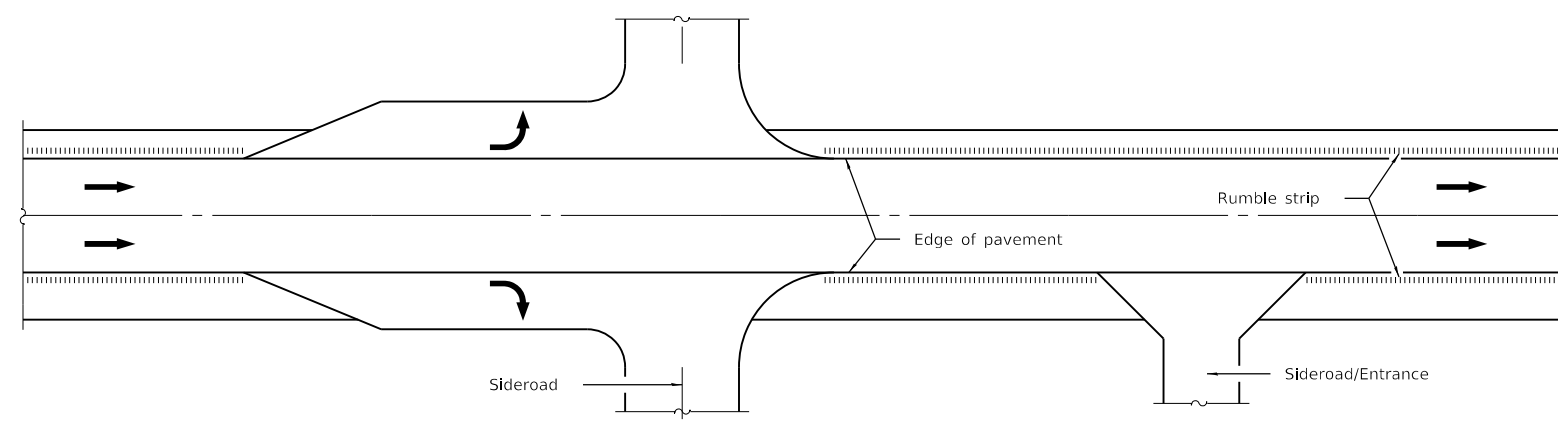
**HALF PLAN
TYPICAL APPLICATION AT AN INTERCHANGE**



SECTION C-C



SECTION D-D



**HALF PLAN
TYPICAL APPLICATION AT AN INTERSECTION OR ENTRANCE**

GENERAL NOTES

On Portland cement concrete shoulders, no shoulder rumble strip shall be located closer than 6 (150) to a transverse joint.

Omit shoulder rumble strips across structures.

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

SHOULDER RUMBLE STRIPS, 16 in.

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PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RUMBLE STRIP, 16 IN. DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	**	-	191	96
			CONTRACT NO. 78363	

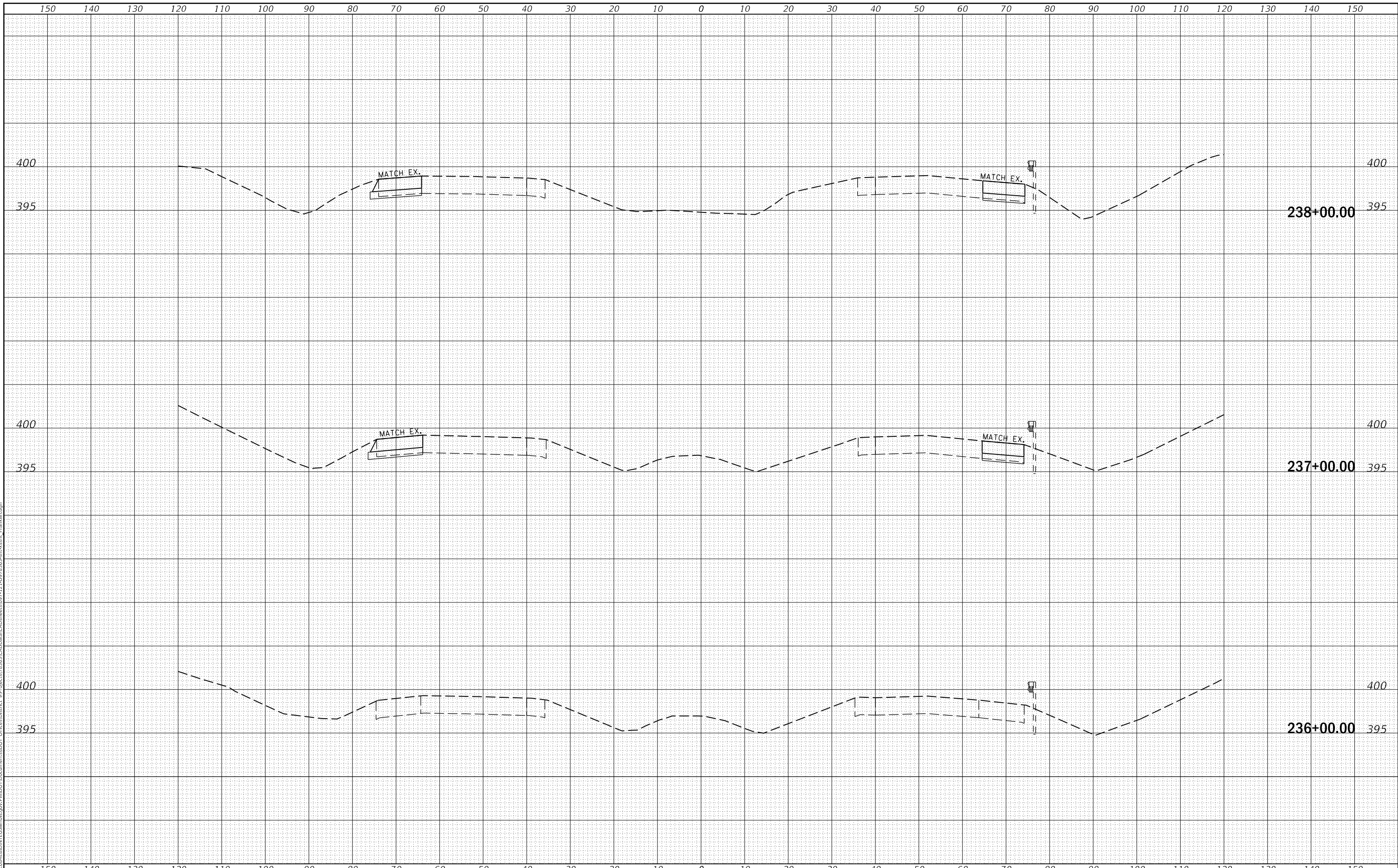
ILLINOIS FED. AID PROJECT

*FRANKLIN / WILLIAMSON

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

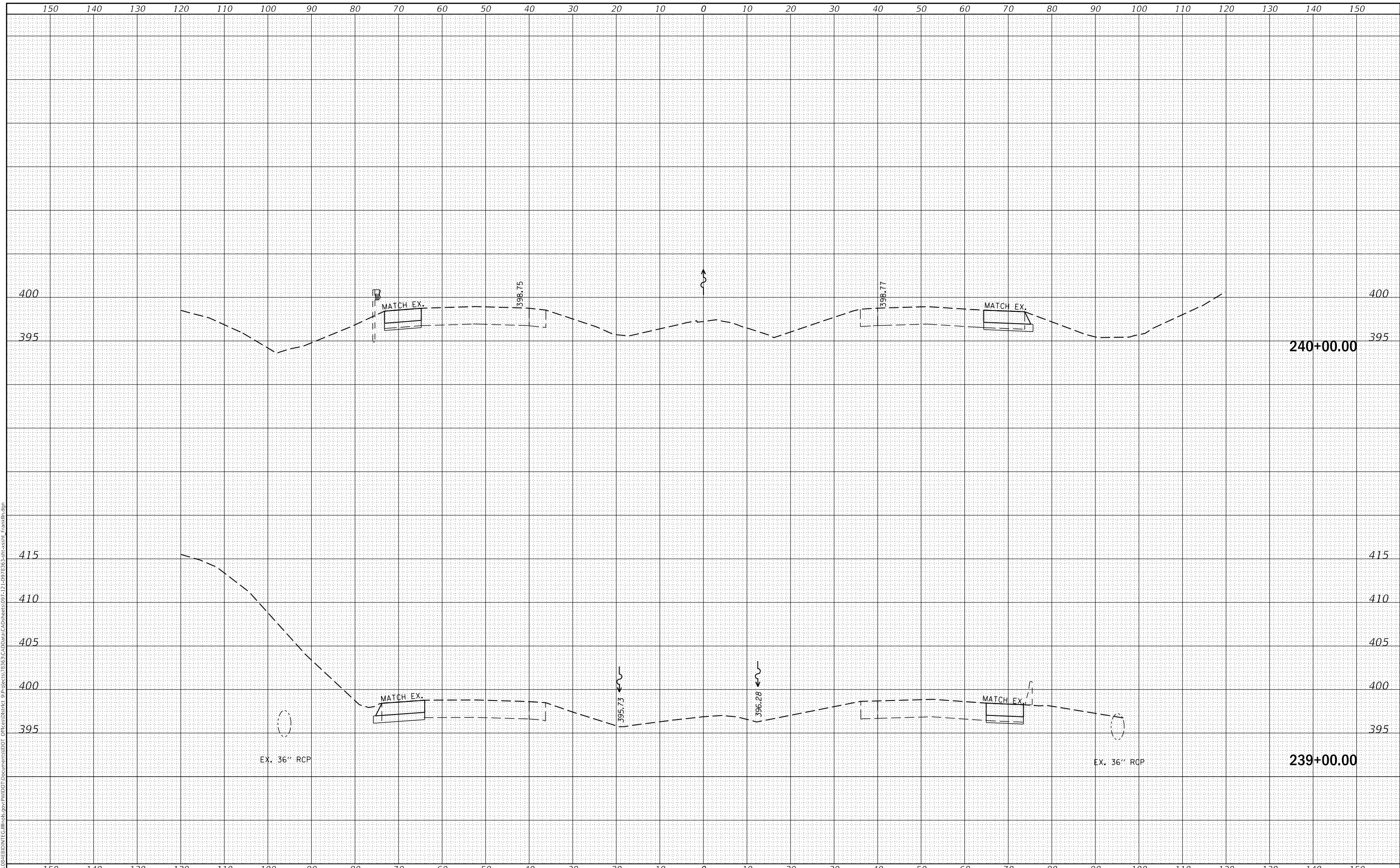
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN	191	97
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				

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AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

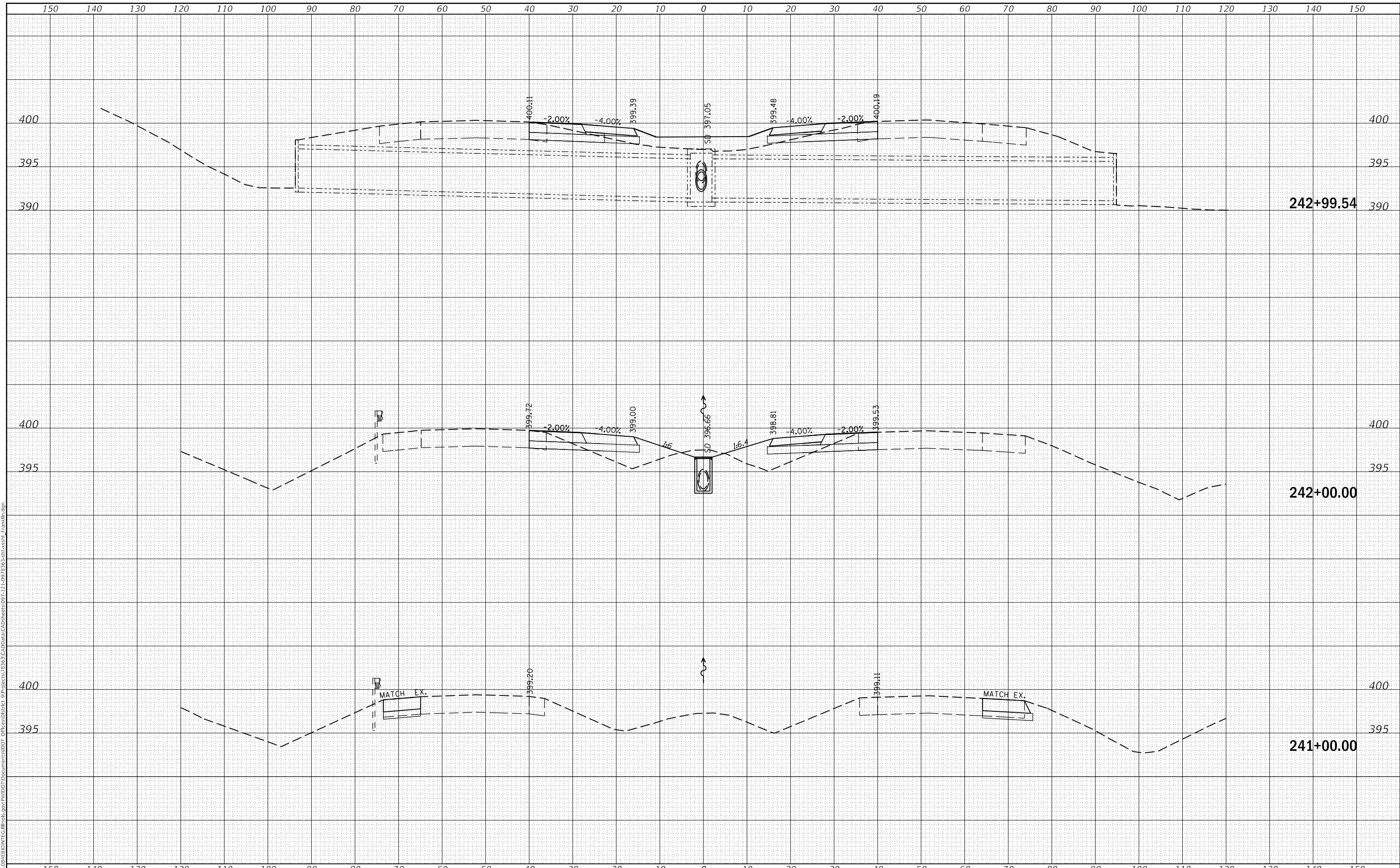
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2;(28-5-1,28-5)R-1	FRANKLIN	191	98
CONTRACT NO. 78363				
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
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TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

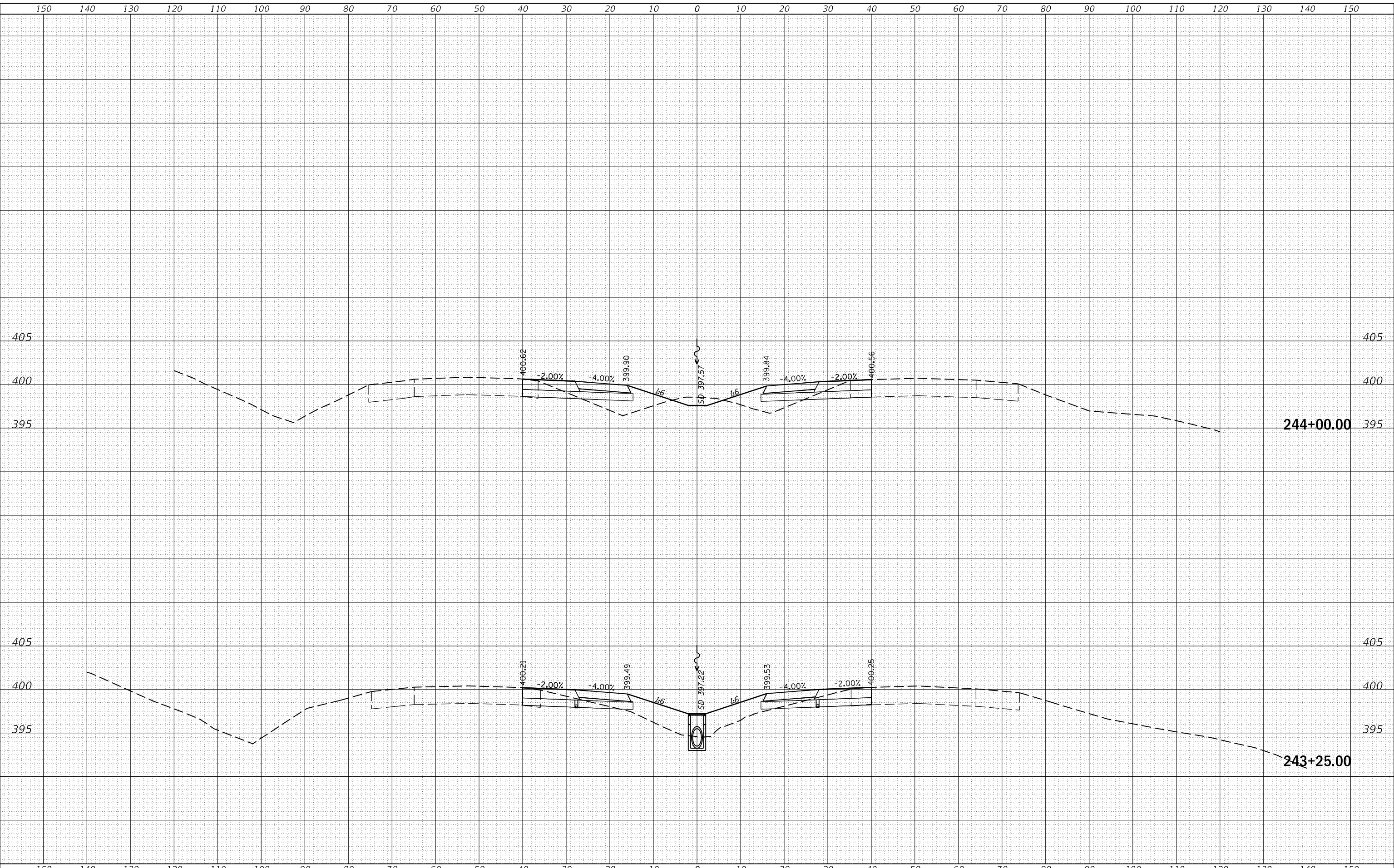
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2:(28-5-1,28-5)R-1	FRANKLIN	191	99
			CONTRACT NO. 78363	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
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	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
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PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 243+25.00 TO STA. 244+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-4)R-2:(28-5-1,28-5)R-1	FRANKLIN	191	100
CONTRACT NO. 78363				
ILLINOIS FED. AID PROJECT				