

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

12-13-2024 SPECIAL LETTING ITEM 013

FOR INDEX OF SHEETS, SEE SHEET NO. 3

PROPOSED HIGHWAY PLANS

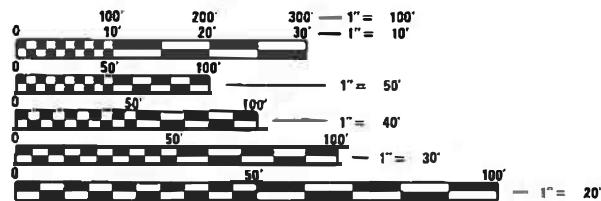
**FAS ROUTE 2887 (IL 37)
SECTION 113R-1
PROJECT STP-1LQI(305)
3R AND ROUNDABOUT
WILLIAMSON COUNTY**

C-99-041-18

TRAFFIC DATA

FAS 2887 (IL 37)			
	2019	2023	2043
PV =	4,630	4,820	5,880
SU =	190	200	240
MU =	230	240	290
ADT =	5,050	5,260	6,410

**TOWNSHIPS: WEST MARION AND SOUTHERN
COORDINATE SYSTEM:
POSTED SPEED: 35 MPH AND 55 MPH
DESIGN DESIGNATION:
ROUNDABOUT: 700(43)ARTERIAL 4.59(PCC-20)
ROADWAY: 5260(43) 1.392(FD-20)**

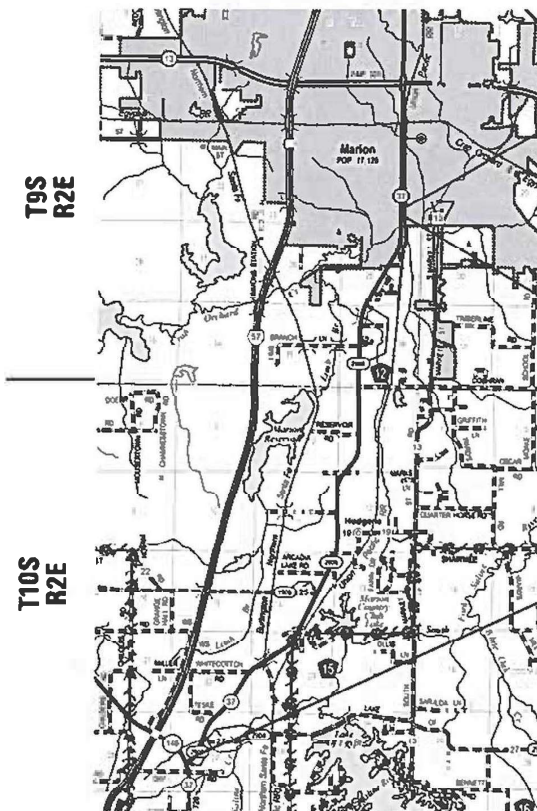


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**PROJECT ENGINEER VALERIE ROLLA
PROJECT MANAGER ELISE KNOP 618-351-5212**

CONTRACT NO. 78633



**LOCATION #1
ROUNDABOUT AT WILDCAT DRIVE
BEGINS STA. 46+24
ENDS STA. 59+32**

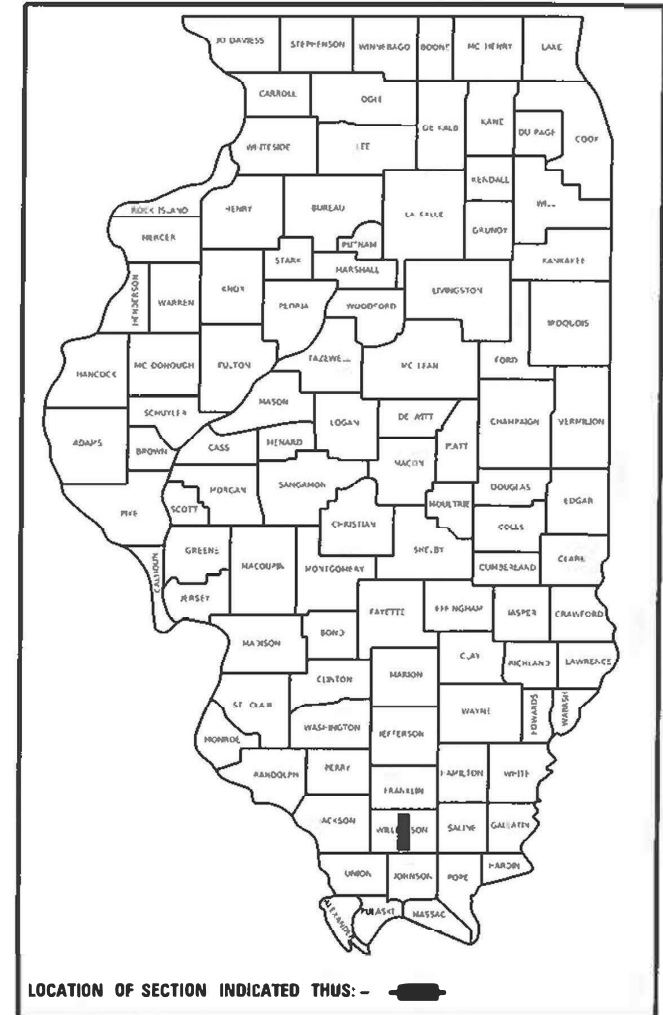
**LOCATION #2 ROADWAY
BEGINS STA. 59+32**

**LOCATION #2 ROADWAY
ENDS STA. 1+65**

GROSS LENGTH = 41,069.3 FT. = 7.78 MILES
NET LENGTH = 41,440 FT. = 7.85 MILES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	1
		ILLINOIS	CONTRACT NO. 78633	

D-99-022-18



LOCATION OF SECTION INDICATED THIS: - [Symbol]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 14 2024
Kirk H. Brown REGIONAL ENGINEER

October 4, 2024 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

October 4, 2024 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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OF THE STATE OF ILLINOIS**

MODEL Path: \\p1d0271\Documents\DOT_Office\DOT\Projects\116133\CAD\Drawings\116133-Sub-Cur_S03_10d.dgn
FILE NAME: \\p1d0271\Documents\DOT_Office\DOT\Projects\116133\CAD\Drawings\116133-Sub-Cur_S03_10d.dgn

Prepared By: Susan P
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Hee
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Car Mel
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: R. C. O.
DISTRICT OPERATIONS ENGINEER

Examined By: Dayle J. Melnik
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Bernie Wilk
DISTRICT CONSTRUCTION ENGINEER

Examined By: Aan Hayes
DISTRICT MATERIALS ENGINEER

USER NAME = ellsa.knop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/29/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO. 2
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

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	USER NAME = ellse.krop	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					2887	113R-1	WILLIAMSON	486	3
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -								CONTRACT NO. 78633	
	PLOT DATE = 8/20/2024	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

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.

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 QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE

TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS 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 OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, 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 REMOVAL OF EXISTING ENTRANCE PIPE CULVERTS ENCASED IN CONCRETE WILL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM PIPE CULVERT REMOVAL ONLY IF 2 FT OR LESS OF THE ENDS OF THE CULVERT ARE ENCASED. IF MORE THAN 2 FT OF THE ENDS OF THE CULVERT ARE ENCASED IN CONCRETE, THE REMOVAL WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE

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.

THE PROPOSED LIGHT POLE FOUNDATION SHALL BE FLUSH WITH FINAL SURFACE.

EDGE LINE PAVEMENT MARKING SHALL BE REMOVED IF A 10 FT LANE WIDTH CANNOT BE MAINTAINED. TEMPORARY EDGE LINES SHALL BE INSTALLED WHEN THE EDGE LINES ARE REMOVED.

VIBRATORY ROLLERS WILL NOT BE ALLOWED WITHIN THE CORPORATE LIMITS OF MARION

INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE PAVED IN A SEPARATE OPERATION FROM THE MAINLINE PAVEMENT

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

COMMITMENTS:

STA 101+53-PROPERTY OWNER'S HOUSE DRAIN WILL CONTINUE TO DRAIN AWAY FROM THE PROPERTY DURING AND UPON COMPLETION. WHEN CONSTRUCTION IS COMPLETE THE CONTRACTOR WILL LEVEL THE GROUND AND RESEED WITH GRASS.

STA 101+63-PROPERTY OWNER'S SEPTIC DRAIN LOCATED AT APPROXIMATELY STA 101+63 LT WILL CONTINUE TO DRAIN AWAY FROM THE PROPERTY DURING AND UPON COMPLETION OF THE PROJECT.

WHEN CONSTRUCTION IS COMPLETE THE CONTRACTOR WILL LEVEL THE GROUND AND RESEED WITH GRASS.

STA 118+50-PROPERTY OWNER'S HOUSE DRAIN WILL CONTINUE TO DRAIN AWAY FROM THE PROPERTY DURING AND UPON COMPLETION OF THE PROJECT.

WHEN CONSTRUCTION IS COMPLETE THE CONTRACTOR WILL LEVEL THE GROUND RESEED WITH GRASS.

STA 117+87 TO STA 118+50- THE PROPERTY OWNER'S MATURE TREE LOCATED AT APPROXIMATELY STA 118+25 LT WILL NOT BE DISTURBED AND WILL REMAIN AS IS DURING AND UPON COMPLETION OF THE PROJECT

THE PROPERTY OWNER'S MATURE TREE LOCATED AT APPROXIMATELY STA 118+50 LT WILL NOT BE DISTURBED AND WILL REMAIN AS IS DURING AND UPON COMPLETION OF THE PROJECT

STA 128+50 TO STA 131+98 LT-THE PROPERTY OWNER'S FENCE(FOR HORSES)WILL REMAIN BETWEEN STA 130+50LT AND STA 132+00 LT.

STA 173+55 TO STA 174+89- PROVISIONS IN THE CONTRACT WILL INCLUDE GRADING AND RE-SEEDING ALL AREAS DISTURBED BY THE CONSTRUCTION BETWEEN APPROXIMATE STA 173+55 AND 174+89.31 RT.

THE PORTION OF THE BRICK RETAINING WALL THAT IS LOCATED OUTSIDE OF THE ACQUIRED RIGHT OF WAY AREA, AT APPROXIMATE STA 174+50 RT, WILL NOT BE DISTURBED.

IDOT TO REMOVE 28 PINE TREES(INCLUDING STUMPS) THAT FORM THE LANDSCAPE SCREEN WITHIN THE TEMPORARY CONSTRUCTION EASEMENT LOCATED BETWEEN RT. STA 181+50 AND RT. 185+00.

STA 183+00 TO STA 185+00 RT- THE BURNING BUSHES LOCATED WITHIN THE TEMPORARY CONSTRUCTION EASEMENT WHICH ARE LOCATED BETWEEN STA 183+00 TO 185+00 RT WILL NOT BE DISTURBED.

STA 211+57 TO STA 212+25- THE EXISTING SEPTIC LINES LOCATED ON THE NORTH SIDE OF THE EXSITING DRIVEWAY WILL NOT BE DISTURBED AS PART OF THE PROJECT

THE TEMPORARY CONSTRUCTION EASEMENT AREA WILL NOT BE USED FOR STORAGE OF CONSTRUCTION MATERIAL AND /OR EQUIPMENT

THE ENTRANCE TO THE SUBJECT PROPERTY WILL BE CONSTRUCTED BY CLOSING ONE-HALF OF THE ENTRANCE AT A TIME; THEREBY ALLOWING PROPERTY OWNER TO HAVE CONTINUED ACCESS TO SUBJECT PROPERTY DURING CONSTRUCTION.

STA 252+00 TO STA 253+47 LT-DURING CONSTRUCTION, IDOT WILL MAKE EVERY EFFORT TO PROTECT TREES AND BUSHES LOCATED SOUTH OF THE DRIVEWAY IN THE TEMPORARY CONSTRUCTION EASEMENT AREA, BETWEEN STA 252+00 LT TO STA 253+47.19 LT.

STA 306+00- PROVISIONS IN THE CONTRACT WILL INCLUDE A FIELD ENTRANCE ON THE NORTH PORTION OF THE PROPERTY, LOCATED AT APPROX. STA 306+00 LT.

STA 342+00 LT- IDOT WILL CONSTRUCT 30 FT WIDE COMMERCIAL ENTRANCE AT STA 342+00 LT.

STA 439+25 LT-PROVISIONS IN THE CONTRACT WILL INCLUDE AN EROSION CONTROL BLANKET AT THE TERMINATION TO THE PROPERTY OWNERS' FRENCH DRAIN LOCATED IN THE TEMPORARY CONSTRUCTION EASEMENT AT THE APPROX. LT STA. 439+25.

THE CONTRACTOR SHALL NOT STORE CONSTRUCTION EQUIPMENT IN THE TEMPORARY CONSTRUCTION EASEMENT

THE PORTIONS OF THE DRIVEWAYS LOCATED AT STA 439+10.56 LT AND STA 441+06.95 LT TO BE RECONSTRUCTED AS PART OF THE PROJECT WILL BE REPLACE WITH "LIKE KIND" OIL AND CHIP SURFACE OR ASPHALT.

TREE REMOVAL WILL NOT BE ALLOWED FROM APRIL 1 TO SEPTEMBER 30.

MODEL: Default
FILE NAME: \\sdd\paw.bendley.com\PIV\DOT\Documents\IDOT\Office\Dir\rdet @\Project\78633\CADD\Drawn\CAD\Sheets\0978633\SHA-Cur_Soa_Indec.dgn

USER NAME = ellse.krop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES AND COMMITMENTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	4
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

HMA MIXTURE REQUIREMENTS TABLES

Locations	Hot-Mix Asphalt Surface Course , 11.5" Full Depth Pavement (Top Lift), Temporary Pavement (surface)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, N70
AB/PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition:	IL-9.5 mm
(Gradation Mixture)	
Friction Aggregate:	Mix D
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	PFPP
Sublot Size:	1,000 tons
Material Transfer Device	Yes, as per Special Provisions (For Full Depth)

Locations	Hot-Mix Asphalt Binder Course , 11.5" Full Depth Pavement (Lower Lift), Stabilized Subbase, Class D Patches, Temporary Pavement (Binder)
Mixture Use(s):	Hot-Mix Asphalt Binder Course, IL-19.0, N70
AB/PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition:	IL-19.0 mm
(Gradation Mixture)	
Friction Aggregate:	None
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	PFPP
Sublot Size:	1,000 tons
Material Transfer Device	Yes, as per Special Provisions (For Full Depth)

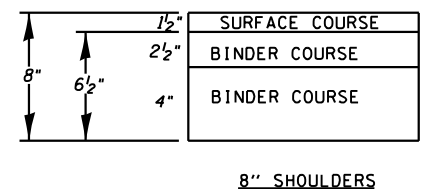
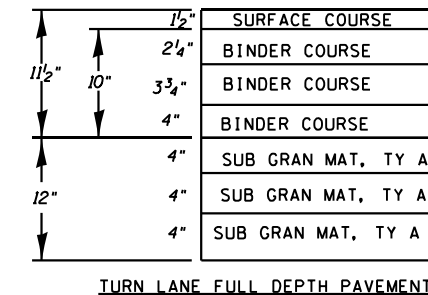
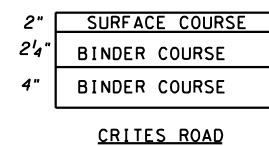
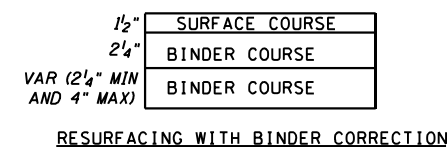
Location(s):	Hot-Mix Asphalt Shoulders 8" (Top Lift)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30
PG:	PG64-22
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition:	IL-9.5L
(Mixture Gradation)	
Friction Aggregate:	Mix C
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 tons
Material Transfer Device	No

Location(s):	Hot-Mix Asphalt Shoulders 8" (Lower Lifts)
Mixture Use(s):	Hot-Mix Asphalt Binder Course, IL-19.0, N30
PG:	PG64-22
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition:	IL-19.0L
(Mixture Gradation)	
Friction Aggregate:	None
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 tons
Material Transfer Device	No

Location(s):	Driveways, Side Roads, Incidental HMA Surface
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30
PG:	PG64-22
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition:	IL-9.5L
(Mixture Gradation)	
Friction Aggregate:	Mix C
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 tons
Material Transfer Device	No

Location(s):	Hot-Mix Asphalt Surface Course-CRITES ROAD
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, N70
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition:	IL-9.5 mm
(Mixture Gradation)	
Friction Aggregate:	Mix D
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/AQ
Sublot Size:	3,000 tons
Material Transfer Device	No

Location(s):	Hot-Mix Asphalt Binder Course-CRITES ROAD
Mixture Use(s):	Hot-Mix Asphalt Binder Course, IL-19.0, N70
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition:	IL-19.0 mm
(Mixture Gradation)	
Friction Aggregate:	NONE
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 tons
Material Transfer Device	No



SN	MTD CROSSING RESTRICTIONS
SN IL 37 (FAS 2887)	MTD CROSSING RESTRICTIONS
SN 100-0072	EMPTY
SN 100-0090	EMPTY
SN 100-2024	EMPTY

MODEL NUMBER: MAMES
FILE NAME: BULETS

USER NAME = SUSERS	DESIGNED -	REVISED -
PLOT SCALE = 5/8" = 1'	DRAWN -	REVISED -
PLOT DATE = SDATES	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MIX DESIGN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	5
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

HIGHWAY STANDARDS

000001-08_STANDARDSYMBOLSABBREVIATIONS-PATTERNS-001
 001001-02_AREASOFREINFREBARS
 001006 DECIMAL OF AN INCH AND OF A FOOT

280001-07_TEMPEROSIONCNTRLSYSTEMS
 406201-01_MAILBOX TURNOUT
 420001-10_PAVEMENT JOINTS
 420101-07_24' JOINTED PCC PAVEMENT
 420701-03_PAVEMENT WELDED WIRE REINFORCEMENT
 424001-11_PERPENDICULAR CURB RAMPS FOR SIDEWALKS
 442201-03_CLASS C & D PATCHES
 482001-02_HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
 482011-03_HMA SHOULDER, STRIPS_SHOULDERS, WITH RESURFACING OR WIDENING & RESURFACING PROJECT
 542301-03_PRECAST REINFORCED CONCRETE FLARED END SECTION
 542306-03_PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
 542401-04_METAL FLARED END SECTION FOR PIPE CULVERTS
 542406-04_METAL FLARED SECTION FOR PIPE ARCHES
 602301-04_INLET TYPE A
 602306-03_INLET-TYPE B
 602401-07_PRECAST MANHOLE TYPE A 4 FT DIAMETER
 602402-03_PRECAST MANHOLE TYPE A 5 FT DIAMETER
 602601-06_PRECAST REINFORCED CONCRETE FLAT SLAB TOP
 604001-05_FRAME AND LIDS TYPE 1

604036-03_GRATE TYPE 8
 604041-03_FRAME & GRATE TYPE 9
 604091-05_FRAME AND GRATE TYPE 24
 606001-08_CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
 606006-04_OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B6
 606101-05_TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
 606301-04_PC CONCRETE ISLANDS AND MEDIANS
 606306-04_CORRUGATED PC CONCRETE MEDIANS
 630001-13_STEEL PLATE BEAM GUARDRAIL
 630106-02_LONG-SPAN GUARDRAIL OVER CULVERT
 630201-07_PCC_HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
 630301-09_SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
 631031-18_TRAFFIC BARRIER TERMINAL, TYPE 6
 631032-10_TRAFFIC BARRIER TERMINAL, TYPE 6A
 642006-01_SHOULDER RUMBLE STRIPS, 8 IN
 666001-01_RIGHT OF WAY MARKERS
 667101-02_PERMANENT SURVEY MARKERS

542001-06_CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84" DIAMETER
 542011-02_CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" THRU 72" EQUIVALENT DIAMETER
 602701-02_MANHOLE STEPS
 604071-07_FRAME AND GRATE, TYPE 20
 805001-01_ELECTRICAL SERVICE INSTALLATION DETAILS
 825021-04_LIGHTING CONTROLLER, BASE MOUNTED

701001-02_OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15 FT AWAY
 701006-05_OFF-ROADOPERATIONS, 2L, 2W, 15 FT TO 24 IN FROM PAVEMENT EDGE
 701011-04_OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
 701101-05_OFF-RD OPERATIONS, MULTILANE 15' TO 24 FROM PAVEMENT EDGE
 701106-02_OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
 701201-05_LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS 45 MPH OR MORE
 701301-04_LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
 701306-04_LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS 45 MPH OR MORE
 701311-03_LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
 701316-13_LANE CLOSURE, 2L2W, BRIDGE REPAIR 45MPH OR MORE
 701326-04_LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS 45 MPH OR MORE
 701336-07_LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS 45MPH OR MORE
 701501-06_URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
 701901-09_TRAFFIC CONTROL DEVICES
 720001-01_SIGN PANEL MOUNTING DETAILS
 720006-04_SIGN PANEL ERECTION DETAILS
 720011-01_METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
 725001-01_OBJECT AND TERMINAL MARKERS
 728001-01_TELESCOPING STEEL SIGN SUPPORT
 729001-01_APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

780001-05_TYPICAL PAVEMENT MARKINGS
 781001-04_TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
 782006-01_GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
 821101-02_LUMINAIRE WIRING IN POLE
 825011-04_LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
 830006-05_LIGHT POLE ALUMINUM DAVIT ARM
 836001-04_LIGHT POLE FOUNDATION
 838001-01_BREAKAWAY DEVICES
 862001-01_UNINTERRUPTABLE POWER SUPPLY
 B.L.R. 21-9

ALIGNMENT DETAILS

REGION 4	EQN STA	52+53.49	BK	=	STA	52+55.75	AH
REGION 5	EQN STA	91+37.40	BK	=	STA	92+06.09	AH
REGION 6	EQN STA	138+87.30	BK	=	STA	139+36.60	AH
REGION 7	EQN STA	169+68.30	BK	=	STA	170+23.11	AH
REGION 8	EQN STA	224+24.30	BK	=	STA	224+28.32	AH
REGION 9	EQN STA	245+36.20	BK	=	STA	245+38.74	AH
REGION 10	EQN STA	292+55.90	BK	=	STA	292+60.79	AH
REGION 11	EQN STA	360+91.80	BK	=	STA	360+95.61	AH
REGION 12	EQN STA	393+38.38	BK	=	STA	393+43.53	AH
REGION 13	EQN STA	424+36.90	BK	=	STA	424+40.46	AH
	EQN STA	444+44.93	BK	=	STA	20+00**	AH
** STATIONING REVERSES							

REV - MS

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USER NAME = SUSERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGHWAY STANDARDS AND ALIGNMENT DETAILS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISIED -	2887				113R-1	WILLIAMSON	486	6	
PLOT SCALE = SCALES	CHECKED -	REVISIED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 78633				
PLOT DATE = SDATES	DATE -	REVISIED -		ILLINOIS FED. AID PROJECT						

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	0021
				0004	0004		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	427		43	384	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	3,999		113	3,886	
20100500	TREE REMOVAL, ACRES	ACRE	4.26		0.54	3.72	
20200100	EARTH EXCAVATION	CU YD	100,472		3,042	97,430	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,520		2,520		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	4,449		2,520	1,929	
20800150	TRENCH BACKFILL	CU YD	109		109		
20900110	POROUS GRANULAR BACKFILL	CU YD	2,872			2,872	
* 25000115	SEEDING, CLASS 1B	ACRE	51.6		1.1	50.5	
* 25000350	SEEDING, CLASS 7	ACRE	51.6		1.1	50.5	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	4,648		101	4,547	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	4,648		101	4,547	

* SPECIALTY ITEM

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USER NAME = ellse.krop	DESIGNED -	REVISED -
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PLOT DATE = 8/20/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	7
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0004	0004	0004	0021
44004250	PAVED SHOULDER REMOVAL	SQ YD	380		380		
44201411	CLASS C PATCHES, TYPE I, 15 INCH	SQ YD	9			9	
44201415	CLASS C PATCHES, TYPE II, 15 INCH	SQ YD	517			517	
44201421	CLASS C PATCHES, TYPE IV, 15 INCH	SQ YD	2,588			2,588	
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	15		15		
48100700	AGGREGATE SHOULDERS, TYPE A 8"	SQ YD	22,608			22,608	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	27		27		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	45,654		641	45,013	
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	409		409		
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1			1	
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1			1	
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1			1	

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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	11
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	
				0004	0004	0021	
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1			1	
50100700	REMOVAL OF EXISTING STRUCTURES NO. 5	EACH	1			1	
50100800	REMOVAL OF EXISTING STRUCTURES NO. 6	EACH	1			1	
50100900	REMOVAL OF EXISTING STRUCTURES NO. 7	EACH	1			1	
50101000	REMOVAL OF EXISTING STRUCTURES NO. 8	EACH	1			1	
50101100	REMOVAL OF EXISTING STRUCTURES NO. 9	EACH	1			1	
50101200	REMOVAL OF EXISTING STRUCTURES NO. 10	EACH	1			1	
50101300	REMOVAL OF EXISTING STRUCTURES NO. 11	EACH	1			1	
50101400	REMOVAL OF EXISTING STRUCTURES NO. 12	EACH	1			1	
50101410	REMOVAL OF EXISTING STRUCTURES NO. 13	EACH	1			1	
50101415	REMOVAL OF EXISTING STRUCTURES NO. 14	EACH	1			1	
50101420	REMOVAL OF EXISTING STRUCTURES NO. 15	EACH	1			1	

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	12
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	
				0004	0004	0021	
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	953			953	
50800105	REINFORCEMENT BARS	POUND	24,350			24,350	
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2			2	
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2			2	
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	2			2	
54001008	BOX CULVERT END SECTIONS, CULVERT NO. 8	EACH	2			2	
54001009	BOX CULVERT END SECTIONS, CULVERT NO. 9	EACH	2			2	
54001010	BOX CULVERT END SECTIONS, CULVERT NO. 10	EACH	2			2	
54003000	CONCRETE BOX CULVERTS	CU YD	125			125	
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	60			60	
54010403	PRECAST CONCRETE BOX CULVERTS 4' X 3'	FOOT	54			54	
54010404	PRECAST CONCRETE BOX CULVERTS 4' X 4'	FOOT	66			66	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	14
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	
				0004	0004	0021	
54010503	PRECAST CONCRETE BOX CULVERTS 5' X 3'	FOOT	54			54	
54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	72			72	
54010604	PRECAST CONCRETE BOX CULVERTS 6' X 4'	FOOT	84			84	
54010703	PRECAST CONCRETE BOX CULVERTS 7' X 3'	FOOT	114			114	
54010903	PRECAST CONCRETE BOX CULVERTS 9' X 3'	FOOT	84			84	
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	773			773	
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	106			106	
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	48			48	
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	55			55	
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	1,386			1,386	
542A1075	PIPE CULVERTS, CLASS A, TYPE 2 30"	FOOT	277			277	
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	257			257	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	15
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	
				0004	0004	0021	
542A1087	PIPE CULVERTS, CLASS A, TYPE 2 42"	FOOT	59			59	
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	247			247	
542A5482	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 27"	FOOT	47			47	
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	167			167	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	1,951			1,951	
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	757			757	
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	916			916	
542D0235	PIPE CULVERTS, CLASS D, TYPE 1 30"	FOOT	119			119	
542D0241	PIPE CULVERTS, CLASS D, TYPE 1 36"	FOOT	61			61	
542D1060	PIPE CULVERTS, CLASS D, TYPE 2 15"	FOOT	119			119	
542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	FOOT	156			156	
542D1069	PIPE CULVERTS, CLASS D, TYPE 2 24"	FOOT	101			101	

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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	16
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	
				0004	0004	0021	
542D2743	PIPE CULVERTS, CLASS D, TYPE 4 18"	FOOT	41		41		
542D5470	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	31			31	
542D5479	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	106			106	
542D5491	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	111			111	
54213450	END SECTIONS 15"	EACH	100			100	
54213453	END SECTIONS 18"	EACH	44			44	
54213459	END SECTIONS 24"	EACH	52			52	
54213465	END SECTIONS 30"	EACH	8			8	
54213471	END SECTIONS 36"	EACH	2			2	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	7		7		
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4		2	2	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	47			47	

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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	17
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
ROUTE:	FAS 2887	FAS 2887	FAS 2887
FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
	ROADWAY	ROADWAY	ROADWAY
	0004	0004	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0004	0004	0021
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	12		12	
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	8	1	7	
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	2		2	
54214290	END SECTIONS, EQUIVALENT ROUND-SIZE 15"	EACH	2		2	
54214299	END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	6		6	
54214311	END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	8		8	
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	10		10	
54214512	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 27"	EACH	2		2	
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	6		6	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	627	627		
55100500	STORM SEWER REMOVAL 12"	FOOT	54	54		
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	537		537	

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78633	

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING
				ROADWAY	ROADWAY	ROADWAY	
					0004	0004	0021
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	274		214	60	
60624600	CORRUGATED MEDIAN	SQFT	77			77	
60905305	BOX CULVERTS TO BE CLEANED	FOOT	129			129	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,435		50	2,385	
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	76			76	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4			4	
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	1			1	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	9		2	7	
			1			1	
63200310	GUARDRAIL REMOVAL	FOOT	1,547		166	1,381	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	79,308			79,308	
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	492		10	482	
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	30			30	

* SPECIALTY ITEM

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PLOT DATE = 8/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	20
		CONTRACT NO. 78633		
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	
				0004	0004	0021	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	500			500	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	24			24	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	36	2		34	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	32	8		24	
67100100	MOBILIZATION	L SUM	1	0.5		0.5	
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	6	1		5	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1			1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1			1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1			1	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1			1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1			

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	21
		CONTRACT NO. 78633		
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
ROUTE:	FAS 2887	FAS 2887	FAS 2887
FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING
	ROADWAY	ROADWAY	ROADWAY
	0004	0004	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	ROADWAY 0004	LIGHTING ROADWAY 0021
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60	30	30	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	7	2	5	
70106700	TEMPORARY RUMBLE STRIPS	EACH	16	6	10	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	2,742	42	2,700	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.5	0.5	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5,735		5,735	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,917		1,917	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	70		70	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	136,422		136,422	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	155		155	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	32		32	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	265	265		

* SPECIALTY ITEM

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PLOT DATE = 8/20/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	22
			CONTRACT NO. 78633	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	
				0004	0004	0021	
* 72000300	SIGN PANEL - TYPE 3	SQ FT	160		160		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	9		2	7	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	90		90		
* 72900200	METAL POST - TYPE B	FOOT	42		42		
* 73000100	WOOD SIGN SUPPORT	FOOT	456		456		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	70			70	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	137,532		1,110	136,422	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	155			155	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	32			32	
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	115		115		
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	2,189		2,189		
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	186		186		

* SPECIALTY ITEM

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PLOT DATE = 8/20/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	23
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	
					0004	0004	0021
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	409		409		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	515		6	509	
* 78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	41		4	37	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	515		16	499	
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	46,331		765	45,566	
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	4				4
* 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	491				491
* 81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	1,294				1,294
* 81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	450				450
* 82110006	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION F	EACH	11				11
* 82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	3				3
* 82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1				1

* SPECIALTY ITEM

REV - MS

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PLOT DATE = 8/20/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78633	

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	
					0004	0004	0021
* 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	2				2
* 83000500	LIGHT POLE, ALUMINUM, 30 FT. M.H., 12 FT. DAVIT ARM	EACH	14				14
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	3				3
* 83600357	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8'	EACH	11				11
* 83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	56				56
* 86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	2		2		
* K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	5		5		
* K0012980	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	UNIT	2		2		
* X0321501	WEED BARRIER FABRIC	SQ YD	388		388		
* X0323117	LANDSCAPING GRAVEL	SQ YD	388		388		
* X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	1		1		
X1700011	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH	SQ FT	547		547		

* SPECIALTY ITEM

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PLOT DATE = 8/20/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	25
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	
				0004	0004	0021	
X2111212	PLANTING SOIL MIX FURNISH AND PLACE, 12"	SQ YD	55		55		
X2503100	MOWING	UNIT	2,537		120	2,417	
X4200469	STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	814		814		
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	537			537	
X6024240	INLETS (SPECIAL)	EACH	1		1		
X6024504	INLETS, TYPE B, WITH FRAME AND GRATE (SPECIAL)	EACH	4		4		
X6061815	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	FOOT	736		736		
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1		0.5	0.5	
X7200203	DETOUR SIGNING	L SUM	1			1	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		0.5	0.5	
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	1		1		
Z0034105	MATERIAL TRANSFER DEVICE	TON	32,276			32,276	

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PLOT DATE = 8/20/2024	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 2887	FAS 2887	FAS 2887
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL (LOCATION #1)	RURAL (LOCATION #2)	LIGHTING ROADWAY
				ROADWAY	ROADWAY	ROADWAY	
				0004	0004	0021	
* Z0054517	ROCK FILL - FOUNDATION	(TON)	1,109			1,109	
Z0062456	TEMPORARY PAVEMENT	SQ YD	224		224		
54010406	PRECAST CONCRETE BOX CULVERTS 4' X 6'	FOOT	54			54	
54011306	PRECAST CONCRETE BOX CULVERTS 13' X 6'	FOOT	48			48	
X2003002	LANDSCAPE EDGING	FOOT	79		79		
∅ Z0076600	TRAINEES	HOUR	1000		1000		
X6640104	FENCE REMOVAL	FOOT	8,194			8,194	
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000		1000		

* SPECIALTY ITEM

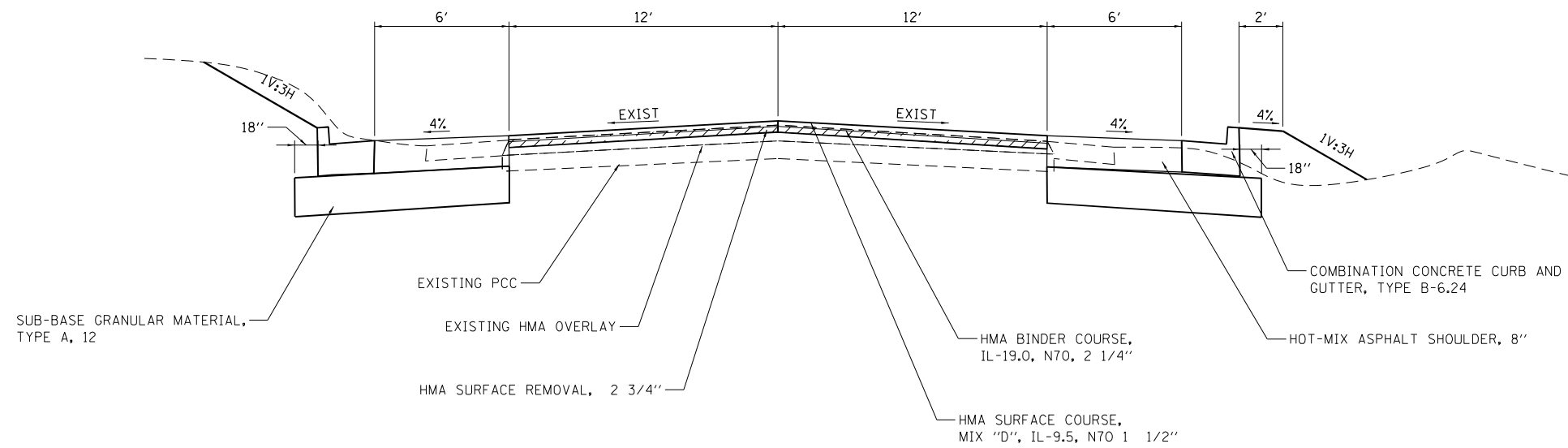
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PROPOSED IL 37
STA 46 + 24.04 TO 51 + 05.21, FACING SOUTH

LIFT REQUIREMENTS FOR
 HMA SHOULDERS 8"

1) 1 1/2" SURFACE COURSE, N70
 2 1/2" BINDER COURSE, N70
 4" BINDER COURSE, N70



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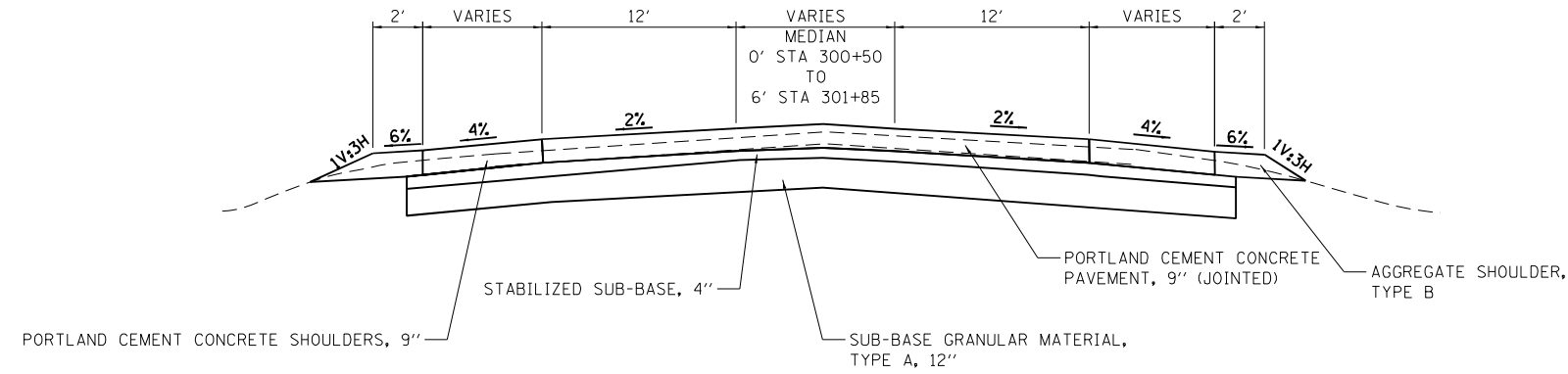
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICALS
IL 37

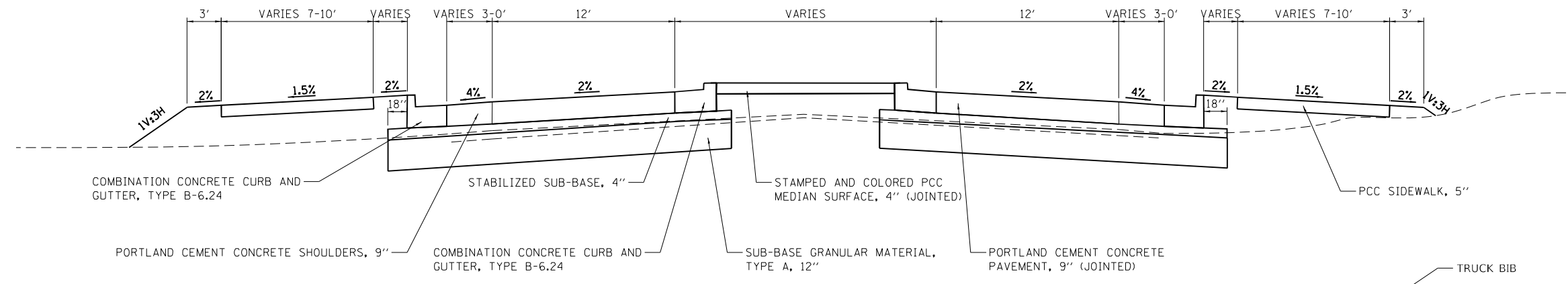
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F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	28
CONTRACT NO 78633			ILLINOIS FEDERAL AID PROJECT	

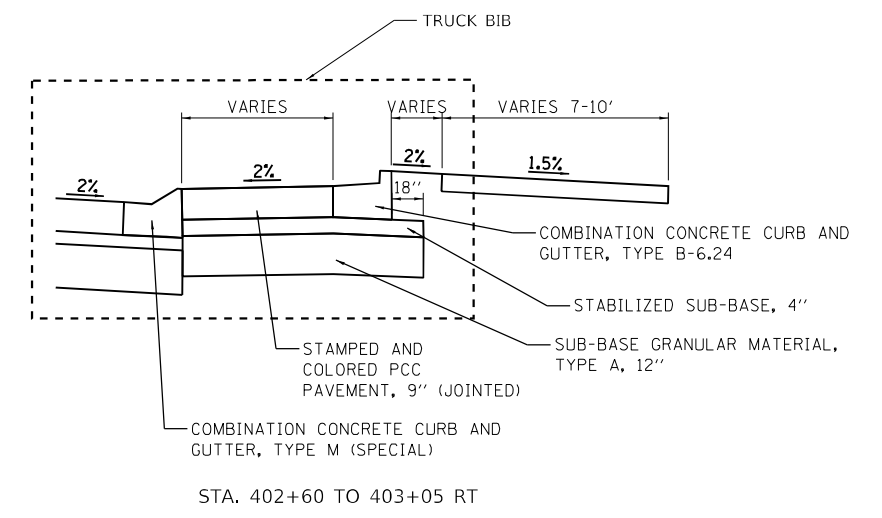
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PROPOSED WILDCAT DR
STA 300 + 50 TO 301 + 86, FACING EAST



PROPOSED WILDCAT DR
STA 301 + 86 TO 303 + 10, FACING EAST



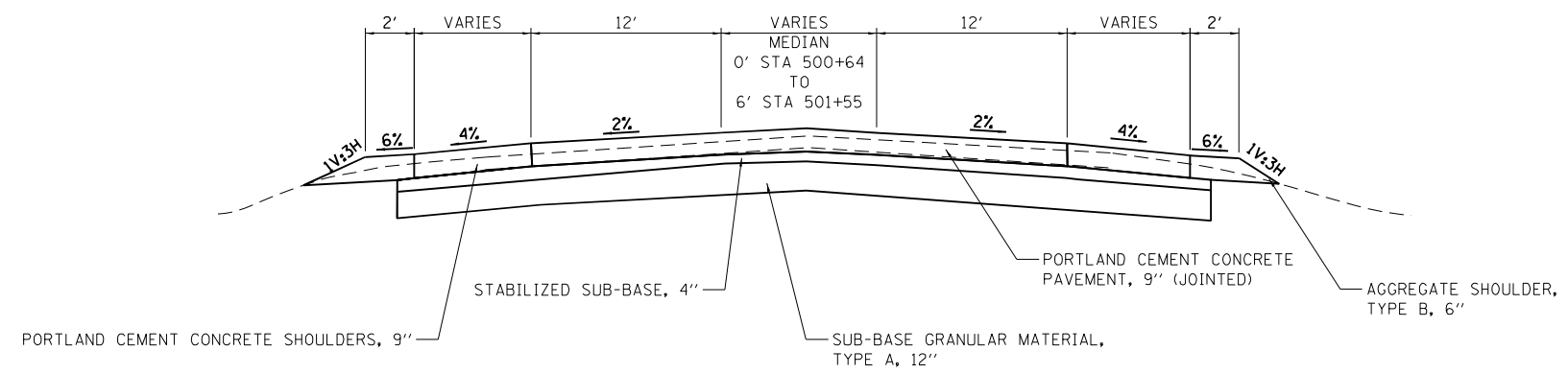
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PLOT DATE = 8/6/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

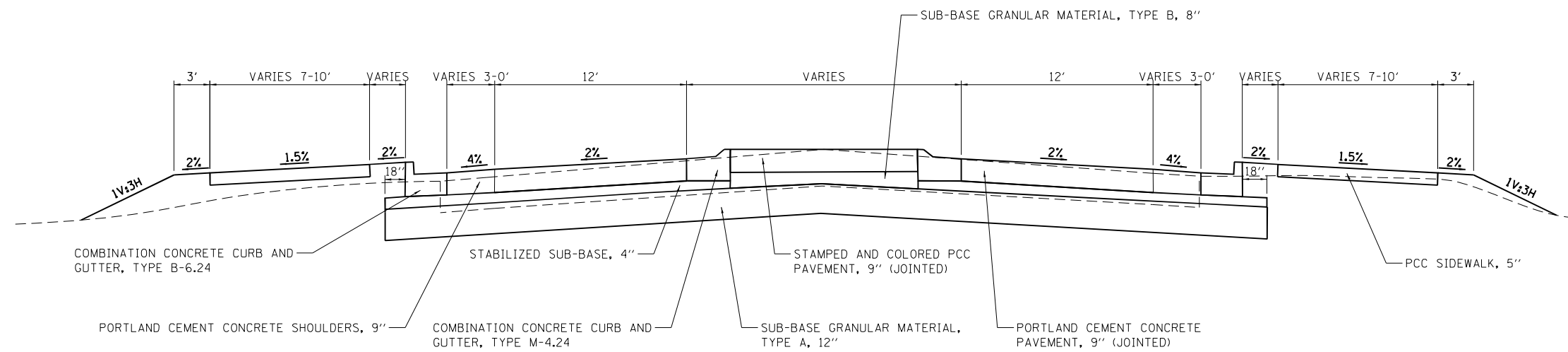
PROPOSED TYPICALS
WBEXT (STA. 300)/EBENT (STA. 400)
 SCALE: N/A SHEET NO 3 OF 6 SHEETS

F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	30
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				

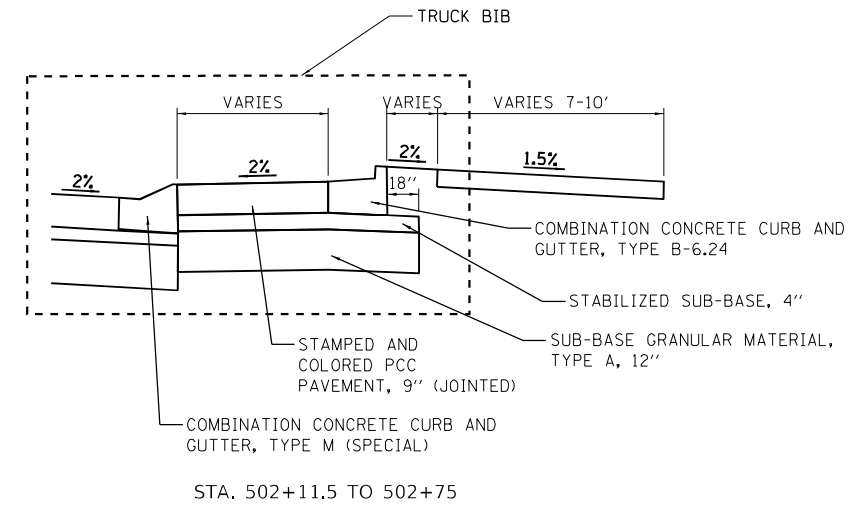
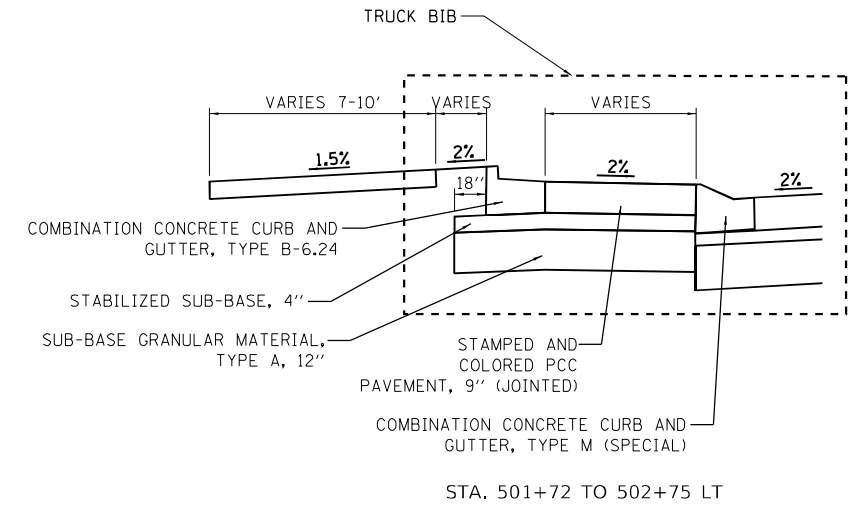
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PROPOSED IL 37
STA 500+64 TO 501+55, FACING NORTH



PROPOSED IL 37
STA 501+55 TO 502+75, FACING NORTH



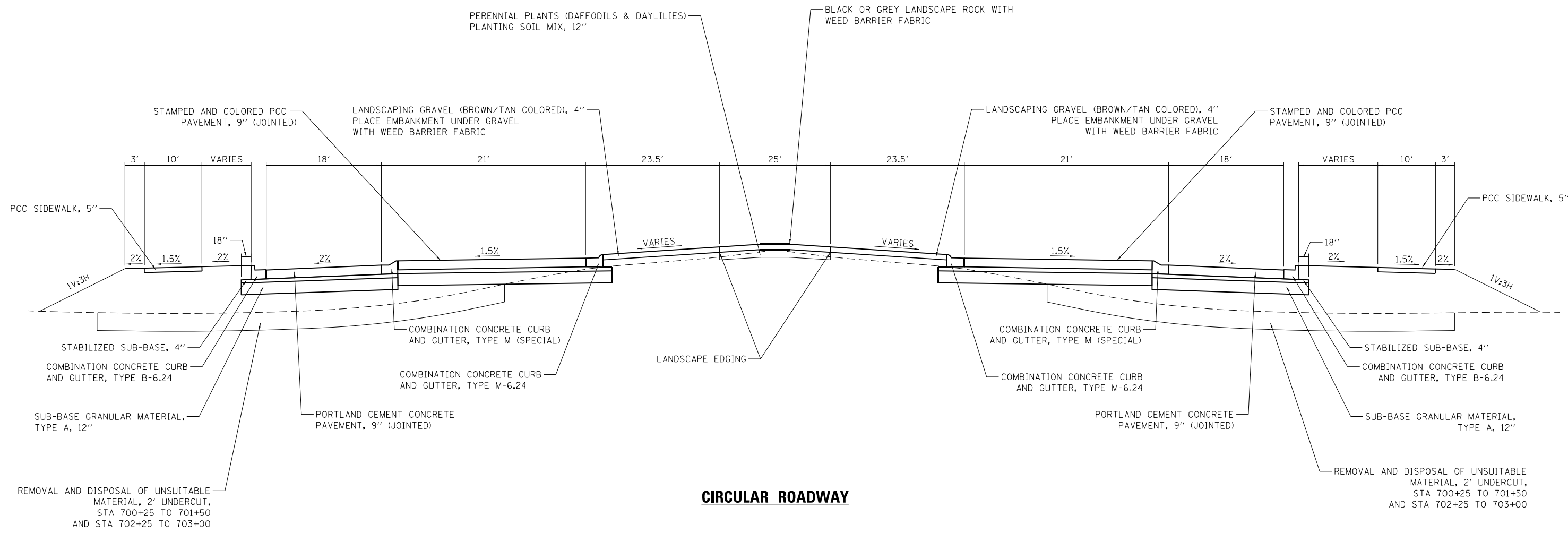
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PLOT DATE = 8/6/2024	CHECKED - PS, DC	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICALS
SB EXT (STA. 500) / NBENT (STA. 600)
 SCALE: N/A SHEET NO 4 OF 6 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	31
CONTRACT NO 78633			ILLINOIS FEDERAL AID PROJECT	

PRINTED DATE: 8/6/2024
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CIRCULAR ROADWAY

NOTE

THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGE WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. IF UNSTABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH POROUS GRANULAR EMBANKMENT. IF UNSTABLE SOIL IS NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.



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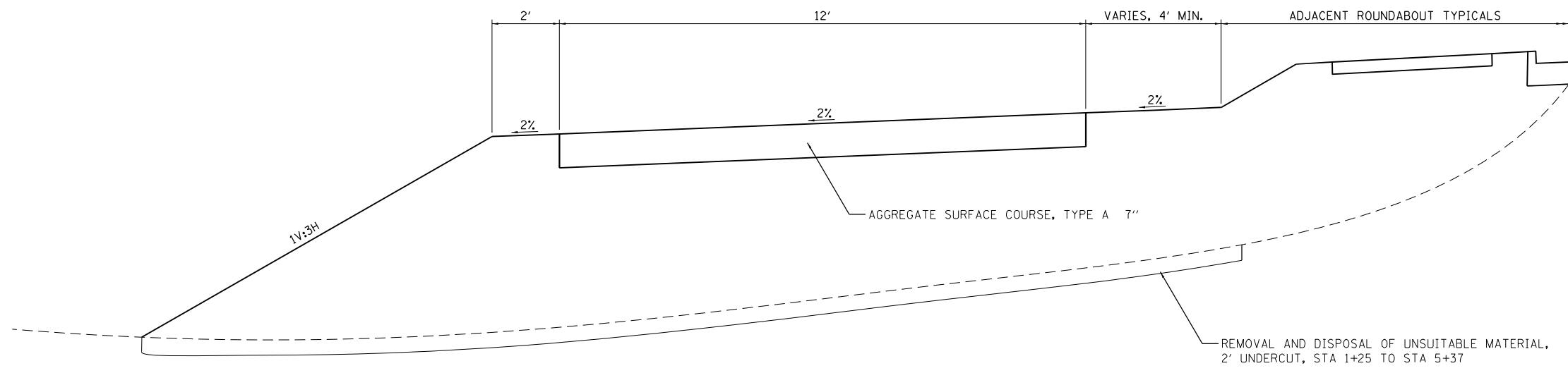
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICALS
ROUNDABOUT**

SCALE: N/A SHEET NO 5 OF 6 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	32
CONTRACT NO 78633			ILLINOIS FEDERAL AID PROJECT	

PRINTED DATE: 8/6/2024
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PROPOSED ACCESS ROAD
STA 0+33 TO 5+45, FACING SOUTH

NOTE
 THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGE WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. IF UNSTABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH POROUS GRANULAR EMBANKMENT. IF UNSTABLE SOIL IS NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.



USER NAME = untitled	DESIGNED - PS	REVISED -
	DRAWN - PS, AB	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - PS, DC	REVISED -
PLOT DATE = 8/6/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICALS
ACCESSRD (STA. 0)
 SCALE: N/A SHEET NO 6 OF 6 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	33
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				

PRINTED DATE: 8/9/2024
 FILE NAME: J:\CIN\Engineering\Projects\Hornet_Shrift\m\PTB_198-034\Work_Order_11\22-869_Ph_2_Roundabout.et IL_37_and_Wildcat_Red\CADD\Civil\CADD_Sheets\0978633-shr-schedule.dgn

PROPOSED DRAINAGE										
LOCATION STATION TO STATION	STORM SEWERS, CLASS A, TYPE 2 12"	TRENCH BACKFILL	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	INLETS (SPECIAL)	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	INLETS, TYPE B, WITH FRAME AND GRATE (SPECIAL)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	PIPE CULVERT, CLASS D, TYPE 4 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	MANHOLES TO BE ADJUSTED
	FOOT	CU YD	EACH	EACH	EACH	EACH	EACH	FOOT	EACH	EACH
STA. 502+56.93 @ 17.06' RT TO STA. 402+52 @ 65.26' RT	46	3				1				
STA. 702+17 @ 18.95' RT TO 702+29 @ 18.45' RT	13	1	1			1				
STA. 702+38 @ 82.44' RT	55	6					1			
STA. 200+89.54 @ 17.94' RT TO STA. 100+89 @ 19.19' LT	38	4	1							
STA. 701+38 @ 32.41' RT TO STA. 701+26 @ 32.41' RT	206	46	1			1				
STA. 701+26 @ 32.41' RT TO STA. 701+08 @ 71.74' RT	15	5	1							
STA. 701+08 @ 71.74' RT	68	24					1			
STA. 602+56 @ 18.24' RT TO STA. 4+09.55 @ 18.08' LT	63	9				1				
STA. 5+37 @ 15.56' LT TO STA. 5+37 @ 3.98' RT								41	1	
STA. 47+38 @ 32.29' LT TO STA. 48+17 @ 18.63' LT	73	4		1					1	
STA. 48+17 @ 18.63' LT TO STA. 48+17 @ 19.33' RT	39	5			1					
STA. 48+17 @ 19.33' RT TO STA. 48+17 @ 27.47' RT	11	2					1			
STA. 48+17 @ 27.47' RT TO STA. 47+03 @ 21.28' LT										1
TOTALS	627	109	4	1	1	4	6	41	2	1



USER NAME = untitled
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 8/9/2024

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULES
 SCALE: N/A SHEET NO 1 OF 7 SHEETS

F.A.S. RTE 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO 34
ILLINOIS FEDERAL AID PROJECT			CONTRACT NO 78633	

PRINTED DATE: 10/11/2024
 FILE NAME: J:\CIN-Engineering\Projects\Horner_Shrift\m\PTB_198-034\Work_Order_11\22-869_Ph_2_Roundabout.et IL_37_and Wildcat_Red\CADD\Civil\CADD_Sheets\0978633-sht-schedule2.dgn

SIGNING SCHEDULE																		
LOCATION	SIGN NAME	STATE ROUTE SIGN	STREET NAME	CARDINAL DIRECTION	DIRECTIONAL ARROW	ONE WAY	ROUNDABOUT DIRECTIONAL	SPEED LIMIT	YIELD	PEDESTRIAN CROSSING	DOWN DIAGONAL LEFT SIGNAL	DOWN DIAGONAL RIGHT SIGNAL	KEEP RIGHT	YIELD AHEAD	ADVANCED GUIDE SIGN	ROUNDABOUT CIRCULATION	ADVISORY SPEED	SOLAR POWERED FLASHING BEACON ASSEMBLY (COMPLETE)
		COMBINATION			COMBINATION			COMBINATION			COMBINATION			COMBINATION				
MUTCD #	M1 - 5	M3 - 1, 2, 3, 4	M6 - 2	R6 - 1r	R6-4	R2-1	R1-2	W11-2a	W16-7pl	W16-7pR	R4-7	W3-2	SPECIALTY	W2-6	W13-1	W2-6		
SIZE	24" X 24"	24" X 12"	24" X 12"	21" X 15"	36" X 12"	30" X 24"	24" X 30"	36" X 36" X 36"	36" X 36"	24" X 12"	24" X 12"	24" X 30"	36" X 36"	VARIES**	36" X 36"	24" X 24"	36" X 36"	
SHAPE	SQUARE	RECT.	RECT.	RECT.	RECT.	RECT.	TRIANGULAR	DIAMOND	RECT.	RECT.	RECT.	DIAMOND	RECT.	DIAMOND	SQUARE	DIAMOND		
SIGN AREA (SF)	4.00	2.00	2.00	2.19	3.00	5.00	5.00	3.90	9.00	2.00	2.00	5.00	9.00	VARIES**	9.00	4.00	9.00	
ROUNDABOUT	2	1	3	3	3	3	3	6	6	6								
SOUTH ROUNDABOUT APPROACH								1	1	1	1	1	1	1	1	1	1	
NORTH ROUNDABOUT APPROACH								1	1	1	1	1	1	1	1	1	1	
WEST ROUNDABOUT APPROACH								1	1	1	1	1	1	1	1	1	1	
SIGN PANEL TYPE	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	*	
TOTAL SIGNS	2	1	3	3	3	3	3	6	9	6	3	3	3	3	3	3	1	
TOTAL AREA (SF)	8	2	6	6.57	9	15	15	23.4	81	12	6	15	27	159.5	27	12		
POST TYPE	WOOD			TELESCOPING STEEL			WOOD	TELESCOPING	WOOD			TYPE B	WOOD	WOOD	WOOD		*	
LENGTH/ INSTALLATION (FOOT)	2x18' 1x17'			3x10'			3x15'	6x10'	9x16'			3x14'	3x16'	110' **	3x19'		*	

** SEE GUIDE SIGN DETAIL FOR POST HEIGHTS * SEE SPECIAL PROVISION

SIGN PANEL TYPE 1 TOTAL =	265	SQ FT
SIGN PANEL TYPE 3 TOTAL =	160	SQ FT
WOOD SIGN SUPPORT TOTAL LENGTH =	456	FOOT
METAL POST - TYPE B TOTAL LENGTH =	42	FOOT
TELESCOPING STEEL SIGN SUPPORT =	90	FOOT

ROW MARKER SCHEDULE			
LOCATION	OFFSET	SIDE	FURNISHING & ERECTION METHOD A
STATION	FEET		EACH
51+59.94	85	LT	1
51+60.95	40	LT	1
52+96.51	55	RT	1
52+96.78	85	RT	1
53+50.00	160	LT	1
54+50.00	160	LT	1
55+50.00	100	LT	1
56+38.45	100	LT	1
56+78.33	70	LT	1
297+61.80	70	LT	1
TOTAL:			10

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PAVEMENT MARKING SCHEDULE												
LOCATION STATION TO STATION	LENGTH	THERMOPLASTIC PAVEMENT MARKING - LINE 4"			POLYUREA PAVEMENT MARKING TYPE I					RAISED REFLECTIVE PAVEMENT MARKING	REMARKS	
		WHITE	YELLOW		LETTERS AND SYMBOLS	LINE 4"		LINE 6"	LINE 12"			
		SOLID	DBL SOLID	SKIP DASH		WHITE	WHITE SOLID		YELLOW DBL SOLID			WHITE
	FOOT	FOOT			SQ FT	FOOT		FOOT	FOOT		EACH	
NORTH SECTION												
WO 16												
STA 46+24.04 TO STA 51+05.28	481	962	18	130							6	
NORTH LEG												
STA 100+59 TO STA 101+72	113						226					2 - DOUBLE YELLOW, HATCHING 10' SPACING
STA 200+59 TO STA 201+72	113						226			20		
STA 100+59 TO STA 101+98	139						138					EDGE LINE
STA 200+59 TO STA 202+15	156						154					EDGE LINE
STA 102+50 TO STA 102+60								34	50			CROSSWALK
STA 202+50 TO STA 202+60								30	50			CROSSWALK
STA 202+72					22							YIELD
STA 202+81					15							YIELD LINE (TRIANGLES)
STA 701+34 TO STA 701+64	39									18		3' - 3' SKIP DASH
WILDCAT DR												
STA 300+50 TO STA 301+85	135						270					2 - DOUBLE YELLOW, HATCHING 10' SPACING
STA 400+50 TO STA 401+85	105						210			20		
STA 300+50 TO STA 302+11	161						161					EDGE LINE
STA 400+50 TO STA 402+16	166						166					EDGE LINE
STA 302+78 TO STA 302+88								32	50			CROSSWALK
STA 402+75 TO STA 402+85								33	50			CROSSWALK
STA 402+96					22							YIELD
STA 403+05					18							YIELD LINE (TRIANGLES)
STA 703+06 TO STA 703+27	27									12		3' - 3' SKIP DASH
SOUTH LEG												
STA 500+50 TO STA 501+55	105						210					2 - DOUBLE YELLOW, HATCHING 10' SPACING
STA 600+50 TO STA 601+55	105						210			20		
STA 500+62 TO STA 501+65	103						104					EDGE LINE
STA 600+67 TO STA 601+80	113						113					EDGE LINE
STA 502+25 TO STA 502+35								29	50			CROSSWALK
STA 602+25 TO STA 602+35								29	50			CROSSWALK
STA 602+48					22							YIELD
STA 602+57					15							YIELD LINE (TRIANGLES)
STA 700+08 TO STA 700+37	39									18		3' - 3' SKIP DASH
TOTALS			1110		115		2188	186		409	6	



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: N/A SHEET NO 3 OF 7 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	36
CONTRACT NO 78633			ILLINOIS FEDERAL AID PROJECT	

CURB AND GUTTER SCHEDULE					
LOCATION STATION TO STATION	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.24	COMBINATION CONCRETE CURB & GUTTER, TYPE M (SPECIAL)	COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.24	PROTECTIVE COAT
	FOOT	FOOT	FOOT	FOOT	SQ YD
NORTH LEG					
CL 100					
STA. 100+58.75 TO STA. 103+00	515	230	162		268
WILDCAT DR					
CL 300					
STA. 300+50 TO STA. 303+27.97	456		53		148
SOUTH LEG					
CL 500					
STA. 500+64.48 TO STA. 502+74.93	276	210	175		198
ROUNDBABOUT					
STA. 700+00 TO STA. 703+58	140		346	214	928
NORTH SECTION					
WO 16					
STA. 46+24.04 TO STA. 51+05.28	962				
ENTRANCES					
	257				
TOTALS	2606	440	736	214	1542

TREE REMOVAL			
LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE REMOVAL, ACRES
	UNIT	UNIT	ACRES
ROUNDBABOUT			
NORTHWEST QUAD	32	71	
EAST SIDE	11	42	0.54
TOTALS	43	113	0.54

HMA AND SHOULDER SCHEDULE							
LOCATION STATION TO STATION	HMA BINDER COURSE, IL-19.0, N90	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	HOT-MIX ASPHALT SHOULDERS, 8"	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	BITUMONIUS MATERIALS (TACK COAT)	TEMPORARY RAMP	AGGREGATE SHOULDER, TYPE B
	TON	TON	SQ YD	SQ YD	POUND	SQ YD	TON
NORTH SECTION							
CL 40							
STA. 46+24.04 to STA. 51+0	162	108	641	1077	1159		
STA. 46+24.04						27	
STA. 51+05.28						27	
WILDCAT DR							
CL 300							
300+50-303+27.97							9
SOUTH LEG							
CL 500							
500+64.48-502+74.93							18
TOTALS	162	108	641	1077	1159	54	27

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: N/A SHEET NO 4 OF 7 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	37
CONTRACT NO 78633			ILLINOIS FEDERAL AID PROJECT	

EARTHWORK SCHEDULE

LOCATDN			EARTH EXCAVATDN CU YD	AVERAGE SHR NKAGE FACTOR %	EARTH EXCAVATDN (ADJUSTED) CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE	
							EXCAVATDN REQUIRED TO COMPLETE CU YD	EXCESS EXCAVATDN CU YD
STA.	TO	STA.	CU YD	%	CU YD	CU YD	CU YD	CU YD
North Leg (CL100/200)								
100+58.75	TO	103+00	682.95	0.25	512.22	298.71		213.50
WildcatDr (CL300/400)								
300+50	TO	303+27.97	262.76	0.25	197.07	1400.78	1203.71	
South Leg (CL500/600)								
500+64.48	TO	502+74.93	544.85	0.25	408.63	631.22	222.58	
Roundabout (CL 700)								
700+00	TO	703+58	212.35	0.25	159.26	3936.17	3776.90	
North Section L 37								
46+24	TO	51+05	1063.76	0.25	797.82	93.63		704.19
Access Rd								
0+00	TO	7+00	275.53	0.25	206.65	1076.89	870.24	
TOTALS			3042					

SEE LOCATION 2 (ROADWAY) EARTHWORK SCHEDULE FOR ADDITIONAL QUANTITIES.

DRAINAGE REMOVAL

LOCATION STATION TO STATION	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 12"	CLASS D PATCHES, TYPE II, 10 INCH	DRAINAGE STRUCTURE TO BE REMOVED	CONCRETE HEADWALL REMOVAL
	FOOT	FOOT	SQ YD	EACH	EACH
STA. 47+38 @ 32.29' LT TO STA. 48+12 @ 29.66' LT	74			1	
STA. 48+17 @ 18.63' LT TO STA. 48+17 @ 19.33' RT		54	15		1
TOTALS	74	54	15	1	1

REMOVAL SCHEDULE

LOCATION STATION TO STATION	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	DRIVEWAY PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	CURB REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAVEMENT MARKING REMOVAL - GRINDING
	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	SQ FT
IL ROUTE 37							
STA. 50+98 TO STA. 56+68	1565			380		7	214
STA. 51+55 LT			15				
WILDCAT DR							
STA. 297+46 TO STA. 300+00	922					3	374
IL ROUTE 37							
STA. 46+24 TO STA. 50+98		1296				6	178
STA. 49+30 LT			20				
STA. 47+70 LT							
STA. 46+75 LT							
STA. 46+55 RT							
STA. 46+40 LT					21		
STA. 42+24 TO STA. 46+32 RT					9		
STA. 42+24 TO STA. 46+32 LT					8		
TEMPORARY PAVEMENT	224						
TOTALS	2487	1296	35	380	38	16	765

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: N/A SHEET NO 5 OF 7 SHEETS

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO 38
CONTRACT NO 78633			ILLINOIS FEDERAL AID PROJECT	

PCC PAVEMENT SCHEDULE

LOCATION STATION TO STATION	PCC PAVEMENT 9" (JOINTED) SQ YD	PORTLAND CEMENT CONCRETE SHOULDERS 9" SQ YD	STAMPED COLORED PCC PAVEMENT, 9" (JOINTED) SQ YD	STAMPED COLORED PCC MEDIAN SURFACE, 4" SQ FT	SUB-BASE GRANULAR MATERIAL, TYPE A 12" SQ YD	SUB-BASE GRANULAR MATERIAL, TYPE B 8" SQ YD	STABILIZED SUBBASE 4" SQ YD	PROTECTIVE COAT SQ YD	PCC DRIVEWAY PAVEMENT, 7" SQ YD	PCC SIDEWALK, 5" SQ FT
NORTH LEG										
CL 100										
STA. 100+58.75 TO STA. 103+00	746	165	92		1356	67	1289	1002		
STA. 51+55 LT									24	
STA. 51+79 RT									37	
STA. 51+90 LT									14	
WILDCAT DR										
CL 300										
STA. 300+50 TO STA. 303+27.97	829	99	35		1187		1187	962		
STA. 301+87.68 TO STA. 303+04.46				547				61		
STA. 302+77.44 TO STA. 302+87.61										189
SOUTH LEG										
CL 500										
STA. 500+64.48 TO STA. 502+74.93	634	146	122		1146	44	1101	902		
NORTH SECTION WO16										
CL 46+24 TO 51+05										
STA. 46+40 LT									57	
STA. 46+40 RT									57	
STA. 47+70 LT									57	
STA. 49+30 LT									40	
ROUNDABOUT										
STA. 700+00 TO STA. 703+58	829		565		1637		1637	1394		
ROUNDABOUT SOUTHWEST CORNER										1797
ROUNDABOUT NORTHWEST CORNER										2767
ROUNDABOUT EAST SIDE										3653
TOTALS	3037	409	814	547	5326	112	5214	4322	287	8407

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES	
SCALE: N/A	SHEET NO 6 OF 7 SHEETS

F.A.S. RTE 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO 39
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				

SEEDING AND EROSION CONTROL SCHEDULE												
LOCATION	SEEDING, CLASS 1B	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	STONE RIPRAP, CLASS A4	FILTER FABRIC
	ACRE	ACRE	POUND	POUND	POUND	TON	SQ YD	POUND	FOOT	FOOT	SQ YD	SQ YD
ROUNDAABOUT												
NORTHWEST QUAD	0.22	0.22	20	20	20	0.4	1076	22		302	6.52	6.52
SOUTHWEST QUAD	0.13	0.13	12	12	12	0.3	623	13		362	6.57	6.57
EAST SIDE	0.62	0.62	56	56	56	1.2	2995	62	38	646	22.06	22.06
NORTH SECTION												
EAST SIDE	0.10	0.10	9	9	9	0.2	505	10			5.12	5.12
WEST SIDE	0.05	0.05	4	4	4	0.1	233	5		192	5.12	5.12
TOTALS	1.12	1.12	101	101	101	2.2	5432	112	38	1502	45.39	45.39

*SEE FES LOCATIONS FOR
RIPRAP & FILTER FABRIC
LOCATIONS

LANDSCAPING SCHEDULE							
LOCATION STATION TO STATION	PERENNIAL PLANTS, BULB TYPE (DAFFODILS)	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT (DAYLILIES)	LANDSCAPING GRAVEL		WEED BARRIER FABRIC	PLANTING SOIL MIX FURNISH AND PLACE, 12"	LANDSCAPE EDGING
			BROWN/TAN	BLACK/GRAY			
	UNIT	UNIT	SQ YD		SQ YD	SQ YD	FOOT
ROUNDAABOUT							
CL 700	5	2	333	55	388	55	79
STA. 700+00 to STA. 703+58							
TOTALS	5	2	388		388	55	79

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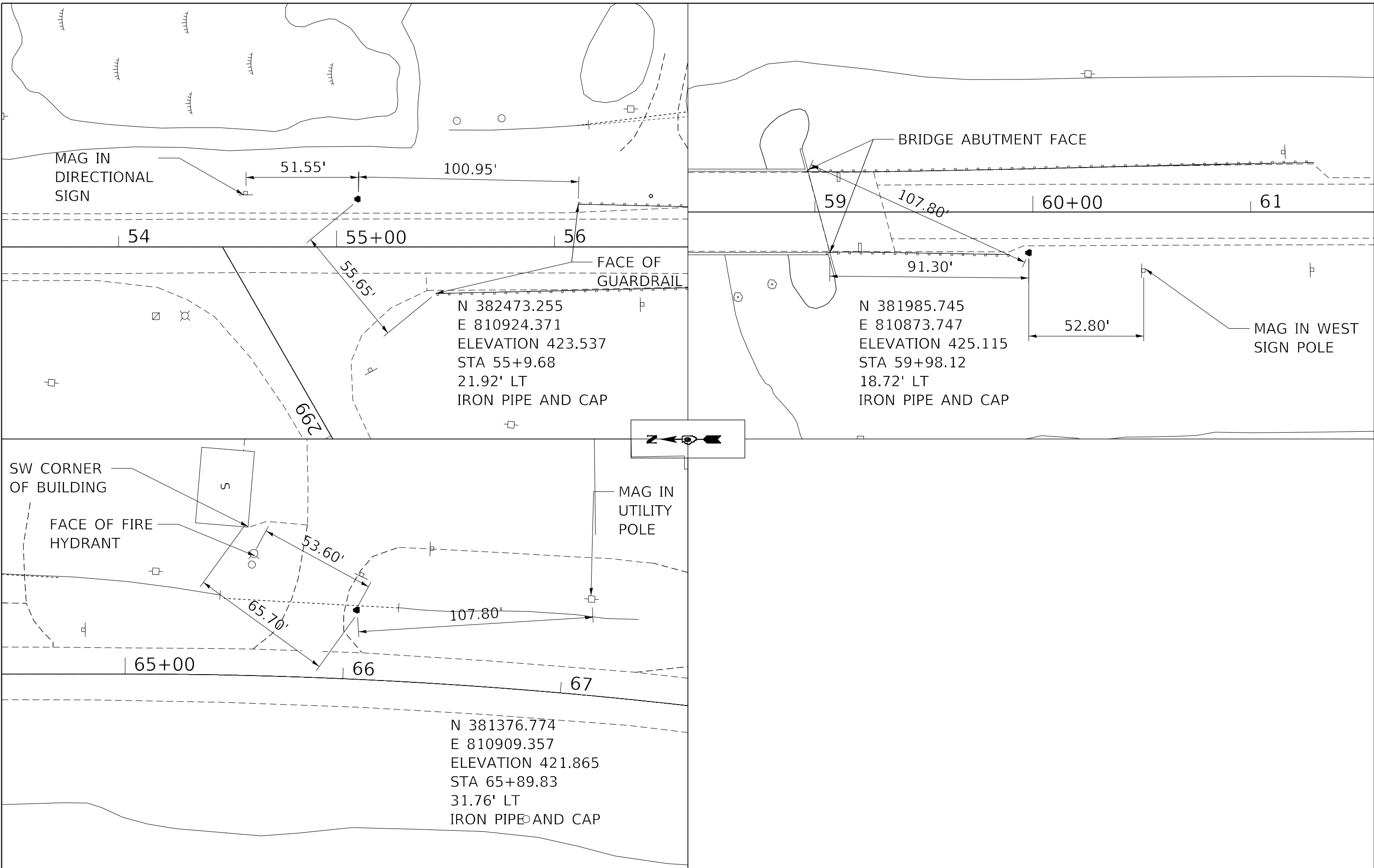
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: N/A SHEET NO 7 OF 7 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	40
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				

PRINTED DATE: 8/6/2024
 FILE NAME: J:\C:\Engineering\Projects\Horneer_Shrift\m\PTB_198-034\Work_Order_11\22-869 Ph 2 Roundabout et al 37 and Wildcat Rd\CADD\Civil\CADD_Sheets\0978633-shr-ATB.dgn



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PLOT DATE = 8/6/2024		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIE AND BENCHMARKS
 SCALE: 1"=20' SHEET NO 1 OF 1 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	41
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				

PRINTED DATE: 8/6/2024
 FILE NAME: J:\CADD\Engineering\Projects\Hornor_Shrift\PTB_198-034\Work_Order_11\22-869 Ph 2 Roundabout at IL 37_end Wildcat_Rd\CADD\Civil\CADD_Sheets\0978633-ht-gp-Details.dgn

PROP. CURVE PRCTL_SBEXT_7
 PROFILE: Q500
 PI STA. = 502+41.24
 $\Delta = 24^\circ 20' 14''$ (LT)
 D = 76° 23' 40"
 R = 75.00'
 T = 16.17'
 L = 31.86'
 E = 1.72'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 502+25.07
 P.T. STA. = 502+56.93

PROP. CURVE PRCTL_NBENT_7
 PROFILE: Q600
 PI STA. = 602+41.24
 $\Delta = 24^\circ 20' 14''$ (RT)
 D = 76° 23' 40"
 R = 75.00'
 T = 16.17'
 L = 31.86'
 E = 1.72'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 602+25.07
 P.T. STA. = 602+56.93

PROP. CURVE PRCTL_TRKAPN
 PROFILE: Q700
 PI STA. = 700+00.00
 $\Delta = 359^\circ 59' 59''$ (LT)
 D = 100° 31' 08"
 R = 57.00'
 T = 0.00'
 L = 359.99'
 E = 114.00'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 700+00.00
 P.T. STA. = 703+60.00

PROP. CURVE PRCTL_WCDRENT_1
 PROFILE: Q400
 PI STA. = 400+14.48
 $\Delta = 2^\circ 10' 46''$ (LT)
 D = 7° 31' 27"
 R = 761.50'
 T = 14.48'
 L = 28.96'
 E = 0.14'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 400+00.00
 P.T. STA. = 400+28.96

PROP. CURVE PRCTL_WCDRENT_4
 PROFILE: Q400
 PI STA. = 400+65.43
 $\Delta = 3^\circ 32' 07''$ (LT)
 D = 11° 27' 33"
 R = 500.00'
 T = 15.43'
 L = 30.85'
 E = 0.24'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 400+50.00
 P.T. STA. = 400+80.85

PROP. CURVE PRCTL_WCDRENT_5
 PROFILE: Q400
 PI STA. = 401+10.39
 $\Delta = 6^\circ 44' 40''$ (LT)
 D = 11° 25' 53"
 R = 501.21'
 T = 29.53'
 L = 59.00'
 E = 0.87'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 400+80.85
 P.T. STA. = 401+39.85

PROP. CURVE PRCTL_NBEXT_3
 PROFILE: Q100
 PI STA. = 101+11.29
 $\Delta = 0^\circ 08' 09''$ (RT)
 D = 0° 23' 11"
 R = 14,831.24'
 T = 61.29'
 L = 122.57'
 E = 0.13'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 100+50.00
 P.T. STA. = 101+72.57

PROP. CURVE PRCTL_NBEXT_4
 PROFILE: Q100
 PI STA. = 101+90.15
 $\Delta = 0^\circ 08' 09''$ (RT)
 D = 0° 23' 11"
 R = 14,831.24'
 T = 17.58'
 L = 35.15'
 E = 0.01'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 101+72.57
 P.T. STA. = 102+07.73

PROP. CURVE PRCTL_NBEXT_7
 PROFILE: Q100
 PI STA. = 102+54.87
 $\Delta = 25^\circ 48' 01''$ (LT)
 D = 44° 04' 25"
 R = 130.00'
 T = 29.77'
 L = 58.54'
 E = 3.37'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 102+25.10
 P.T. STA. = 102+83.63

PROP. CURVE PRCTL_CNTISL
 PROFILE: Q800
 PI STA. = 800+00.00
 $\Delta = 359^\circ 59' 57''$ (LT)
 D = 159° 09' 18"
 R = 36.00'
 T = 0.00'
 L = 226.19'
 E = 72.00'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 800+00.00
 P.T. STA. = 802+26.19

PROP. CURVE PRCTL_WCDREN_10
 PROFILE: Q400
 PI STA. = 402+31.92
 $\Delta = 11^\circ 05' 11''$ (RT)
 D = 23° 28' 08"
 R = 244.14'
 T = 23.69'
 L = 47.24'
 E = 1.15'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 402+08.23
 P.T. STA. = 402+55.47

PROP. CURVE PRCTL_WCDREN_11
 PROFILE: Q400
 PI STA. = 402+62.87
 $\Delta = 3^\circ 27' 39''$ (RT)
 D = 23° 23' 10"
 R = 245.00'
 T = 7.40'
 L = 14.80'
 E = 0.11'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 402+55.47
 P.T. STA. = 402+70.26

PROP. CURVE PRCTL_WCDREN_12
 PROFILE: Q400
 PI STA. = 402+88.16
 $\Delta = 28^\circ 40' 29''$ (RT)
 D = 81° 51' 04"
 R = 70.00'
 T = 17.89'
 L = 35.03'
 E = 2.25'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 402+70.26
 P.T. STA. = 403+05.30

PROP. CURVE PRCTL_SBENT_3
 PROFILE: Q200
 PI STA. = 201+11.26
 $\Delta = 0^\circ 28' 25''$ (RT)
 D = 0° 23' 11"
 R = 14,825.11'
 T = 61.26'
 L = 122.53'
 E = 0.13'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 200+50.00
 P.T. STA. = 201+72.53

PROP. CURVE PRCTL_SBENT_4
 PROFILE: Q200
 PI STA. = 201+98.79
 $\Delta = 0^\circ 12' 11''$ (RT)
 D = 0° 23' 11"
 R = 14,825.11'
 T = 26.26'
 L = 52.52'
 E = 0.02'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 201+72.53
 P.T. STA. = 202+25.05

PROP. CURVE PRCTL_SBENT_7
 PROFILE: Q200
 PI STA. = 202+65.62
 $\Delta = 24^\circ 20' 14''$ (RT)
 D = 76° 23' 40"
 R = 75.00'
 T = 16.17'
 L = 31.86'
 E = 1.72'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 202+49.45
 P.T. STA. = 202+81.31

PROP. CURVE PRCTL_WCDREXT_1
 PROFILE: Q300
 PI STA. = 300+14.48
 $\Delta = 2^\circ 10' 46''$ (LT)
 D = 7° 31' 27"
 R = 761.50'
 T = 14.48'
 L = 28.96'
 E = 0.14'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 300+00.00
 P.T. STA. = 300+28.96

PROP. CURVE PRCTL_WCDREXT_4
 PROFILE: Q300
 PI STA. = 300+65.48
 $\Delta = 3^\circ 32' 43''$ (LT)
 D = 11° 27' 33"
 R = 500.00'
 T = 15.47'
 L = 30.94'
 E = 0.24'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 300+50.00
 P.T. STA. = 300+80.94

PROP. CURVE PRCTL_WCDREXT_5
 PROFILE: Q300
 PI STA. = 301+10.65
 $\Delta = 6^\circ 48' 40''$ (LT)
 D = 11° 28' 39"
 R = 499.20'
 T = 15.47'
 L = 59.34'
 E = 0.88'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 300+80.94
 P.T. STA. = 301+40.28

PROP. CURVE PRCTL_WCDREXT_10
 PROFILE: Q300
 PI STA. = 302+32.64
 $\Delta = 11^\circ 05' 29''$ (RT)
 D = 22° 39' 24"
 R = 252.89'
 T = 24.55'
 L = 48.95'
 E = 1.19'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 302+08.09
 P.T. STA. = 302+57.04

PROP. CURVE PRCTL_WCDREXT_11
 PROFILE: Q300
 PI STA. = 302+63.50
 $\Delta = 2^\circ 54' 13''$ (RT)
 D = 22° 28' 08"
 R = 255.00'
 T = 6.46'
 L = 12.92'
 E = 0.08'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 302+57.04
 P.T. STA. = 302+69.96

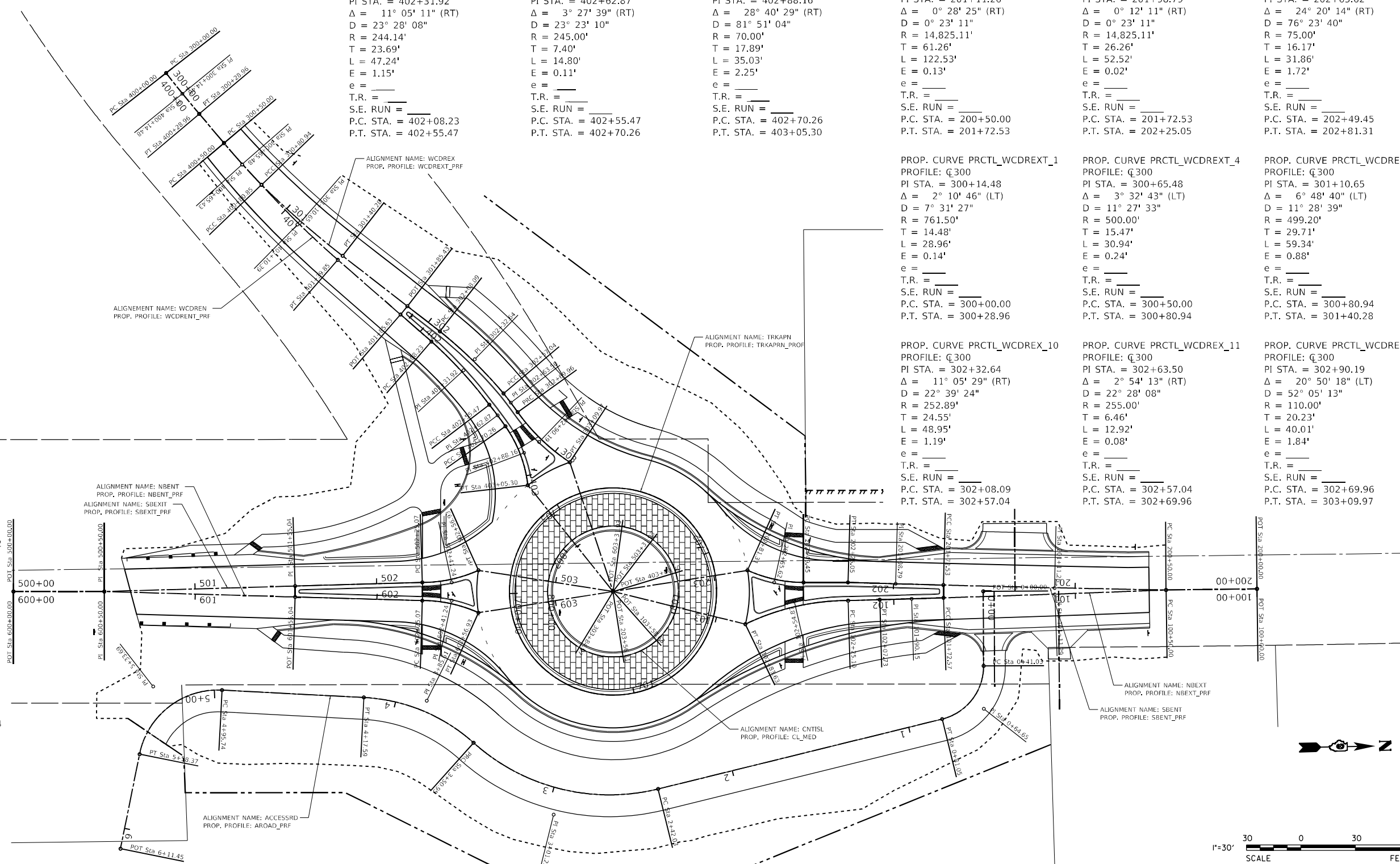
PROP. CURVE PRCTL_WCDREXT_12
 PROFILE: Q300
 PI STA. = 302+90.19
 $\Delta = 20^\circ 50' 18''$ (LT)
 D = 52° 05' 13"
 R = 110.00'
 T = 20.23'
 L = 40.01'
 E = 1.84'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 302+69.96
 P.T. STA. = 303+09.97

PROP. CURVE ACCESSRD_1
 PI STA. = 0+64.65
 $\Delta = 76^\circ 26' 00''$ (RT)
 D = 190° 59' 09"
 R = 30.00'
 T = 23.62'
 L = 40.02'
 E = 8.18'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 0+41.03
 P.T. STA. = 0+81.05

PROP. CURVE ACCESSRD_2
 PI STA. = 3+01.23
 $\Delta = 55^\circ 44' 57''$ (RT)
 D = 51° 11' 09"
 R = 111.94'
 T = 59.20'
 L = 108.91'
 E = 14.69'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 2+42.03
 P.T. STA. = 3+50.95

PROP. CURVE ACCESSRD_3
 PI STA. = 3+85.61
 $\Delta = 38^\circ 57' 40''$ (LT)
 D = 58° 27' 54"
 R = 98.00'
 T = 34.67'
 L = 66.64'
 E = 5.95'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 3+50.95
 P.T. STA. = 4+17.59

PROP. CURVE ACCESSRD_4
 PI STA. = 5+33.69
 $\Delta = 81^\circ 33' 07''$ (LT)
 D = 130° 13' 04"
 R = 44.00'
 T = 37.95'
 L = 62.63'
 E = 14.10'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 4+95.74
 P.T. STA. = 5+58.37



USER NAME = untitled	DESIGNED - PS	REVISED -
	DRAWN - PS, AB	REVISED -
PLOT SCALE = 60.0000' / in.	CHECKED - PS, DC	REVISED -
PLOT DATE = 8/6/2024	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GEOPAK ELEMENTS
 IDENTIFICATION SHEET

SCALE: 1"=30' SHEET NO 1 OF 1 SHEETS

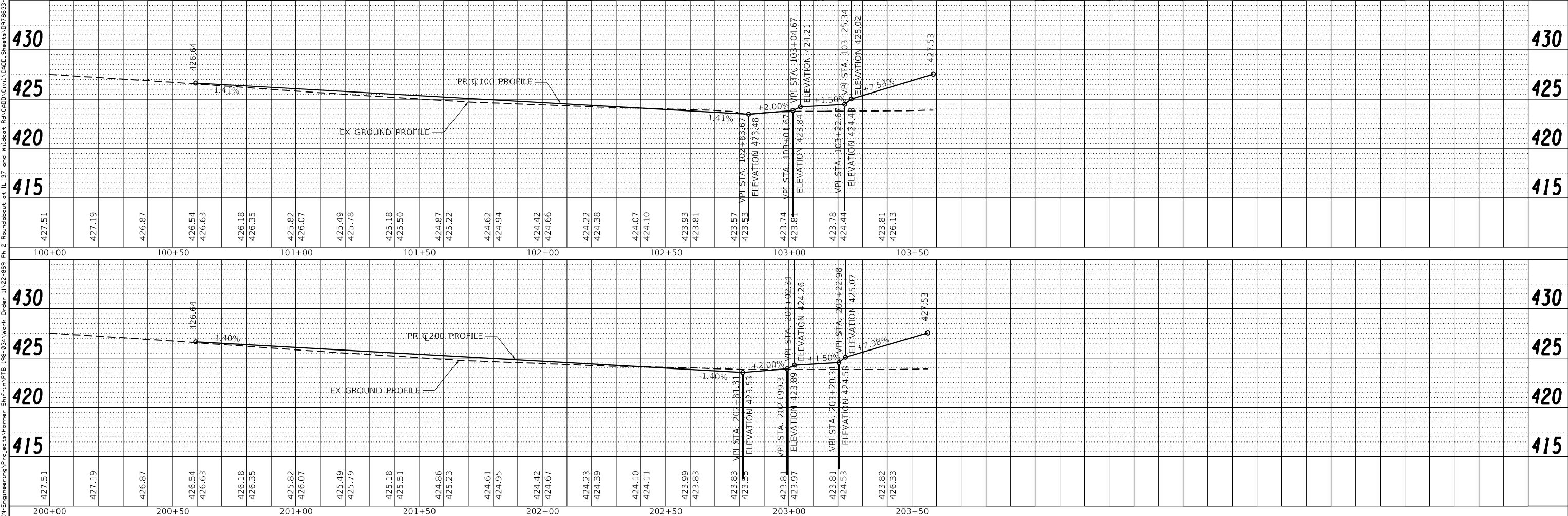
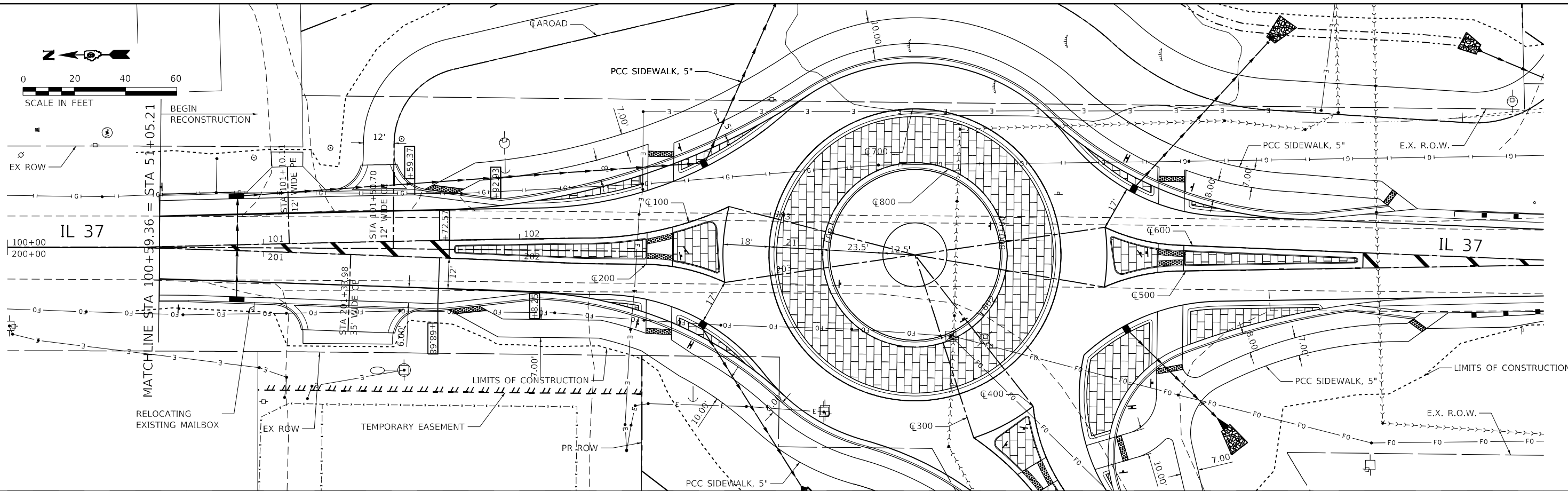
F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	42
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



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

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

PRINTED DATE: 8/6/2024
 FILE NAME: J:\Engineering\Projects\Homer_ShrFrm\PTB_198-03A\Work_Order_IL32-869 Ph. 2 Roundabout at IL 37 and Wildcat Rd\CADD\Civil\CADD_Sheets\0978633-int-pln-prf2.dgn



USER NAME = untitled	DESIGNED - PS	REVISED -
	DRAWN - PS, AB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - PS, DC	REVISED -
PLOT DATE = 8/6/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN PROFILE
NBEXT (STA. 100) / SBENT (STA. 200)**

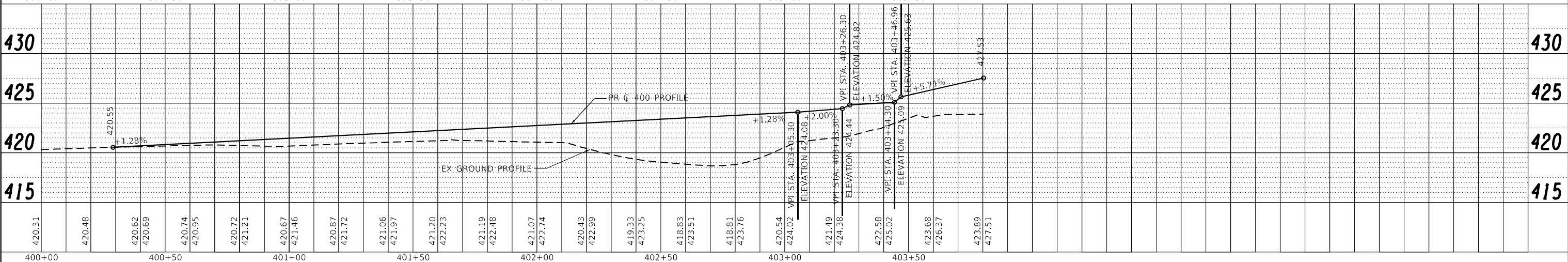
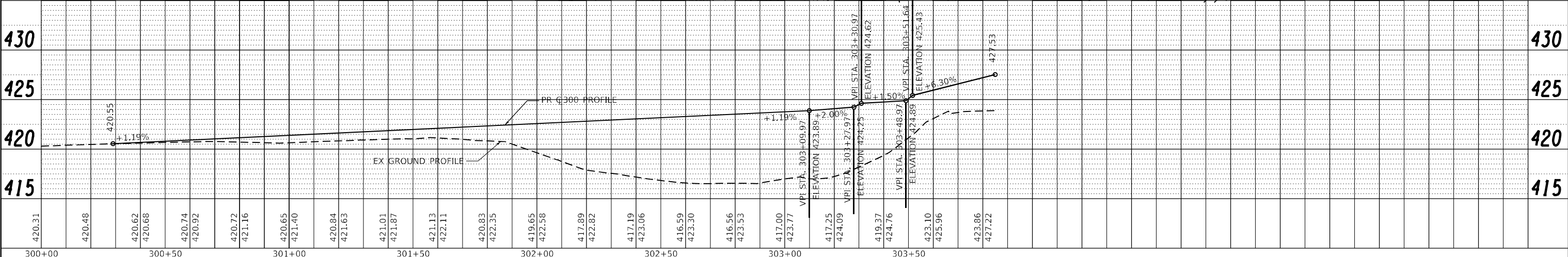
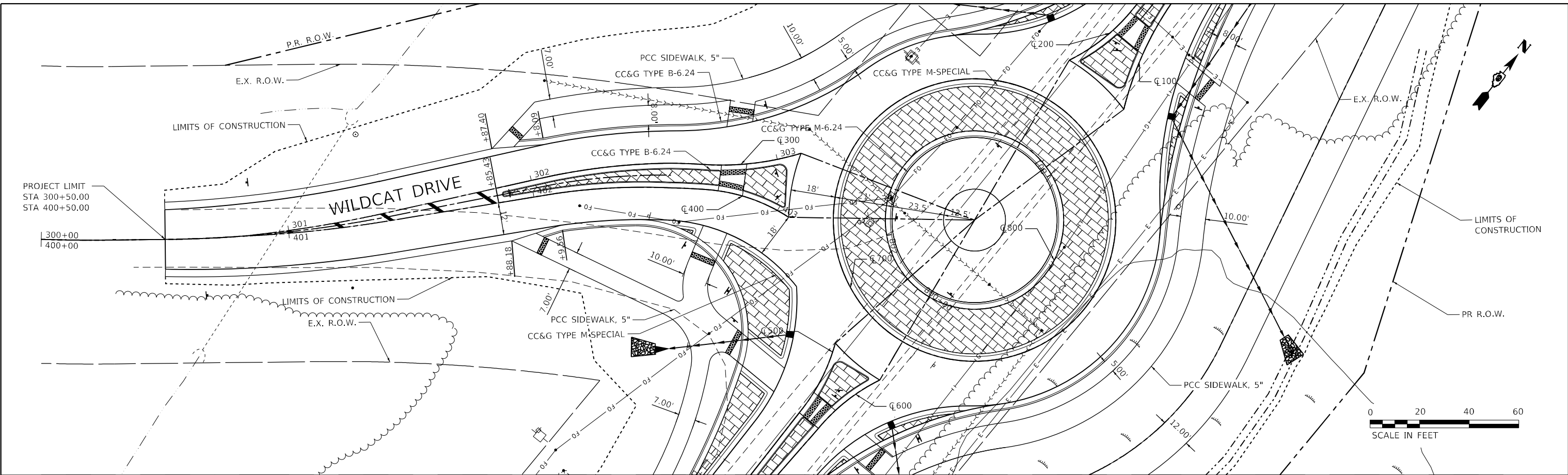
SCALE: 1"=20' SHEET NO 2 OF 6 SHEETS

F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	44
CONTRACT NO 78633			ILLINOIS FEDERAL AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NO. _____		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NO. _____		
	CADD FILE NAME		

PRINTED DATE: 8/6/2024
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 Order: IL22-869 Ph. 2 Roundabout at IL 37 and Wildcat Rd (CADD) Civil\CADD_Sheets\0978633-Int-Plan-Profile.dwg



USER NAME = untitled	DESIGNED - PS	REVISED -
	DRAWN - PS, AB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - PS, DC	REVISED -
PLOT DATE = 8/6/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN PROFILE
WCDREXT (STA. 300) / WCDREXT (STA. 400)**

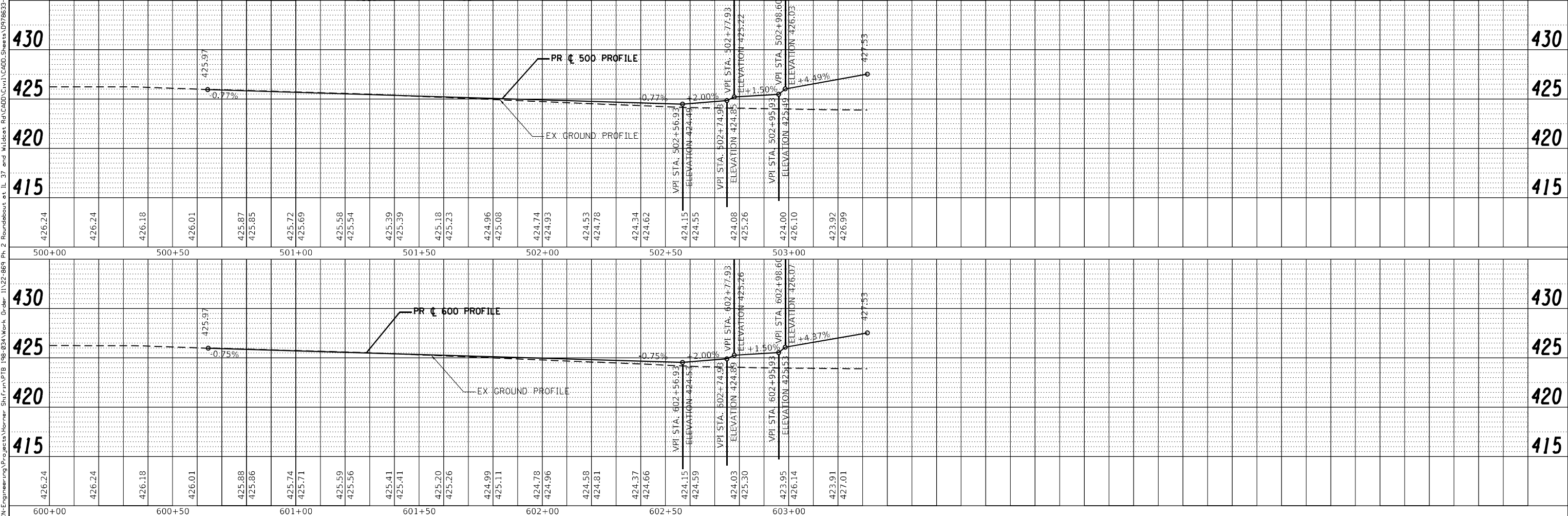
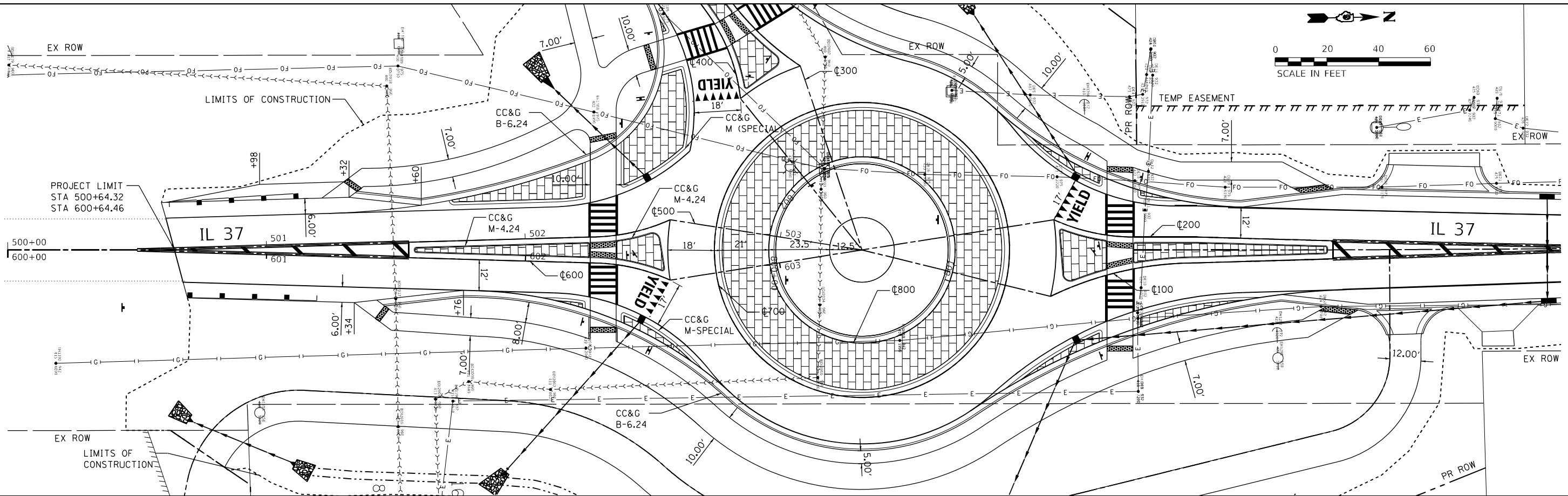
SCALE: 1"=20' SHEET NO 3 OF 6 SHEETS

F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	45
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK		
	NO.		
	STRUCTURE		
	UTATMS		
	CHKD		

PRINTED DATE: 8/6/2024
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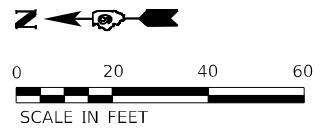
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PLOT DATE = 8/6/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

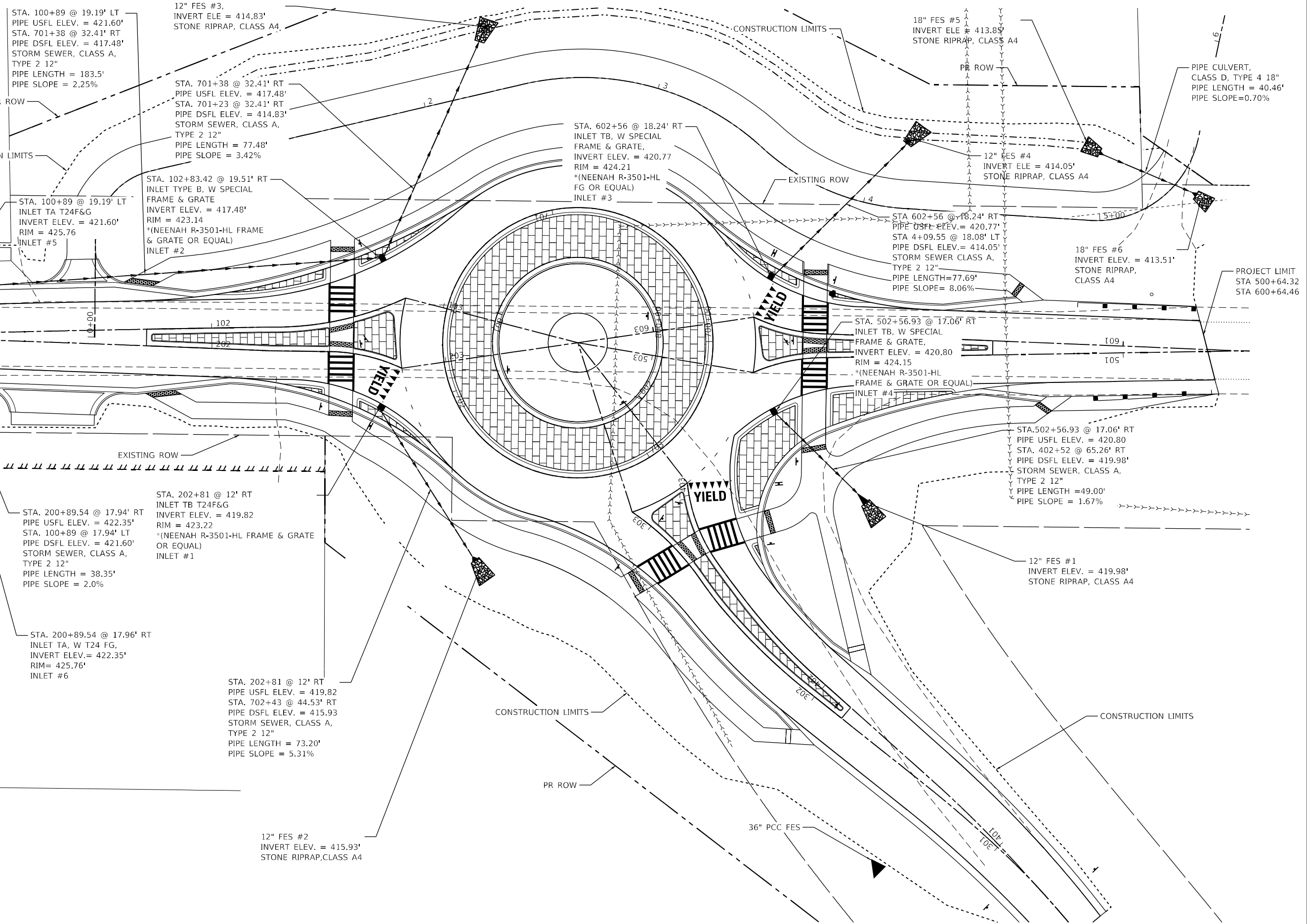
**PLAN PROFILE
SBEXT (STA. 500)/NBENT (STA. 600)**

SCALE: 1"=20' SHEET NO 4 OF 6 SHEETS

F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	46
CONTRACT NO 78633			ILLINOIS FEDERAL AID PROJECT	



MATCHLINE STA 100+59.36 = STA 51+05.21



PRINTED DATE: 9/18/2024
 FILE NAME: J:\CIN-Engineering\Projects\Hornor_Shrift\m\PTB_198-034\Work_Order_11\22-869_Ph_2_Roundabout.et IL_37_and_Mildas_Re\CADD\Civil\CADD_Sheets\0978633-shr-drainRoundabout.dgn



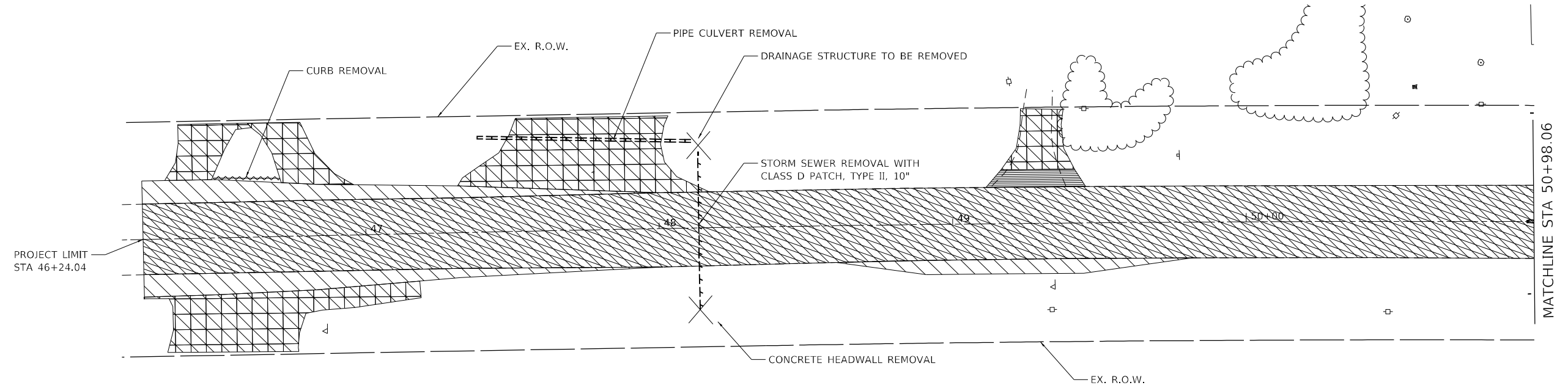
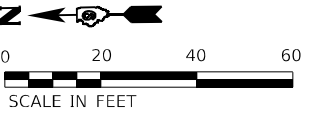
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	DRAWN - PS, AB	REVISED -
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PLOT DATE = 9/18/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM SEWER PLAN
ROUNDBOUT

SCALE: 1"=20'
 SHEET NO 2 OF 2 SHEETS

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO 50
CONTRACT NO 78633			ILLINOIS FEDERAL AID PROJECT	



LEGEND

- STORM SEWER REMOVAL
- PIPE CULVERT REMOVAL
- GUARDRAIL REMOVAL
- CURB AND GUTTER REMOVAL
- PAVEMENT MILL AND RESURFACE
- TREE REMOVAL (ACRES)
- EARTH EXCAVATION
- TREE REMOVAL (UNITS)
- DRIVEWAY PAVEMENT REMOVAL
- DRAINAGE STRUCTURE TO BE REMOVED
- PAVED SHOULDER REMOVAL

PRINTED DATE: 8/6/2024
 FILE NAME: J:\C:\Engineering\Projects\Horne_Shrift\PTB_198-034\Work_Order_11\22-869_Ph_2_Roundabout.et IL_37_and_Middea_Red\CADD\Civil\CADD_Sheets\0978633-shr-removal\Resurfacing.dgn



USER NAME = untitled	DESIGNED - PS	REVISED -
DRAWN - PS, AB	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - PS, DC	REVISIONS -
PLOT DATE = 8/6/2024	DATE -	REVISIONS -

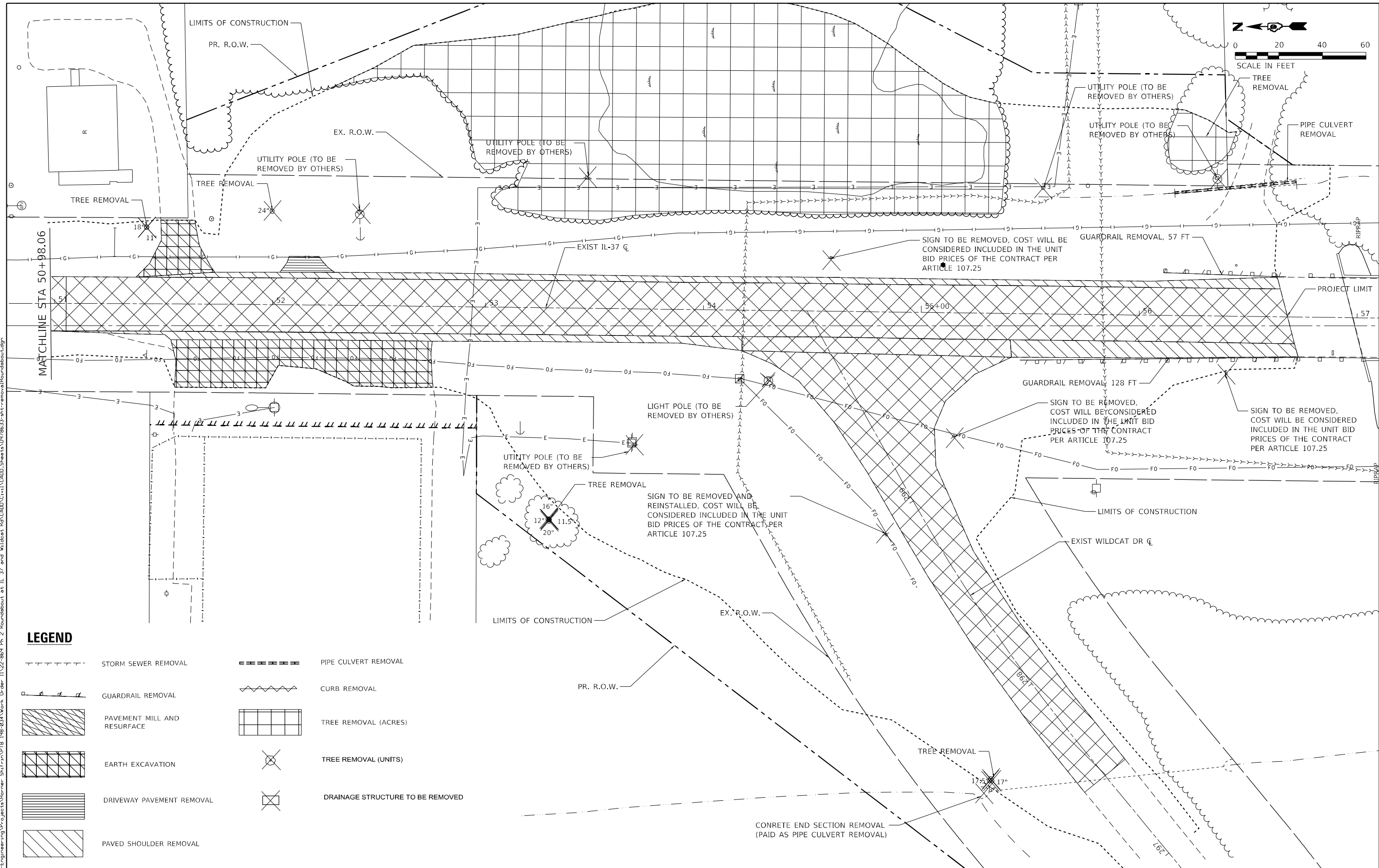
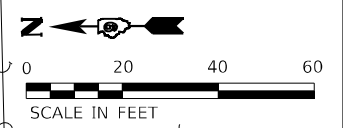
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
IL 37

SCALE: 1"=20' SHEET NO 1 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	51
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				

PRINTED DATE: 8/6/2024
 FILE NAME: J:\CIN-Engineering\Projects\Hornor_Shrift\PTB_198-034\Work_Order_11\22-869_Ph_2_Roundabout.et IL_37_and_Wildcat_Re\CAD\Civil\CADD_Sheets\0978633-shr-removal\Roundabout.dgn



LEGEND

- STORM SEWER REMOVAL
- GUARDRAIL REMOVAL
- PAVEMENT MILL AND RESURFACE
- EARTH EXCAVATION
- DRIVEWAY PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PIPE CULVERT REMOVAL
- CURB REMOVAL
- TREE REMOVAL (ACRES)
- TREE REMOVAL (UNITS)
- DRAINAGE STRUCTURE TO BE REMOVED



USER NAME = untitled	DESIGNED - PS	REVISED -
DRAWN - PS, AB	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - PS, DC	REVISIONS -
PLOT DATE = 8/6/2024	DATE -	REVISIONS -

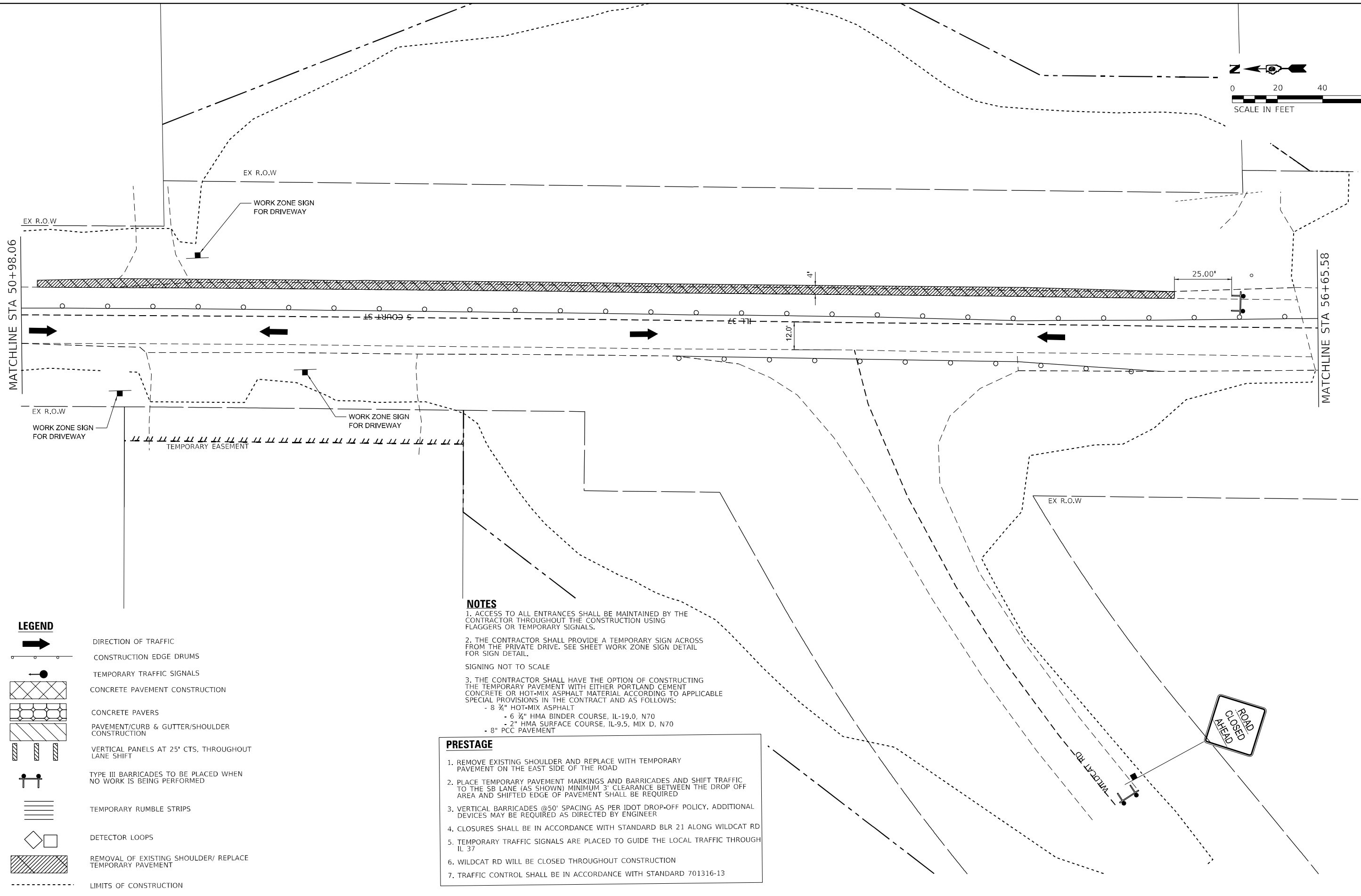
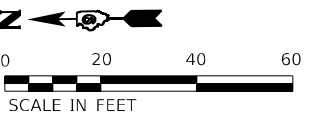
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
 ROUNDABOUT**

SCALE: 1"=20' SHEET NO 2 OF 2 SHEETS

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO 52
CONTRACT NO 78633				

ILLINOIS FEDERAL AID PROJECT



- NOTES**
1. ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION USING FLAGGERS OR TEMPORARY SIGNALS.
 2. THE CONTRACTOR SHALL PROVIDE A TEMPORARY SIGN ACROSS FROM THE PRIVATE DRIVE. SEE SHEET WORK ZONE SIGN DETAIL FOR SIGN DETAIL.
- SIGNING NOT TO SCALE
3. THE CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING THE TEMPORARY PAVEMENT WITH EITHER PORTLAND CEMENT CONCRETE OR HOT-MIX ASPHALT MATERIAL ACCORDING TO APPLICABLE SPECIAL PROVISIONS IN THE CONTRACT AND AS FOLLOWS:
 - 8" HOT-MIX ASPHALT
 - 6 3/4" HMA BINDER COURSE, IL-19.0, N70
 - 2" HMA SURFACE COURSE, IL-9.5, MIX D, N70
 - 8" PCC PAVEMENT

- PRESTAGE**
1. REMOVE EXISTING SHOULDER AND REPLACE WITH TEMPORARY PAVEMENT ON THE EAST SIDE OF THE ROAD
 2. PLACE TEMPORARY PAVEMENT MARKINGS AND BARRICADES AND SHIFT TRAFFIC TO THE SB LANE (AS SHOWN) MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED
 3. VERTICAL BARRICADES @50' SPACING AS PER IDOT DROP-OFF POLICY. ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY ENGINEER
 4. CLOSURES SHALL BE IN ACCORDANCE WITH STANDARD BLR 21 ALONG WILDCAT RD
 5. TEMPORARY TRAFFIC SIGNALS ARE PLACED TO GUIDE THE LOCAL TRAFFIC THROUGH IL 37
 6. WILDCAT RD WILL BE CLOSED THROUGHOUT CONSTRUCTION
 7. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701316-13

LEGEND

- DIRECTION OF TRAFFIC
- CONSTRUCTION EDGE DRUMS
- TEMPORARY TRAFFIC SIGNALS
- CONCRETE PAVEMENT CONSTRUCTION
- CONCRETE PAVERS
- PAVEMENT/CURB & GUTTER/SHOULDER CONSTRUCTION
- VERTICAL PANELS AT 25' CTS. THROUGHOUT LANE SHIFT
- TYPE III BARRICADES TO BE PLACED WHEN NO WORK IS BEING PERFORMED
- TEMPORARY RUMBLE STRIPS
- DETECTOR LOOPS
- REMOVAL OF EXISTING SHOULDER/ REPLACE TEMPORARY PAVEMENT
- LIMITS OF CONSTRUCTION
- PROPOSED R.O.W.

PRINTED DATE: 9/20/2024
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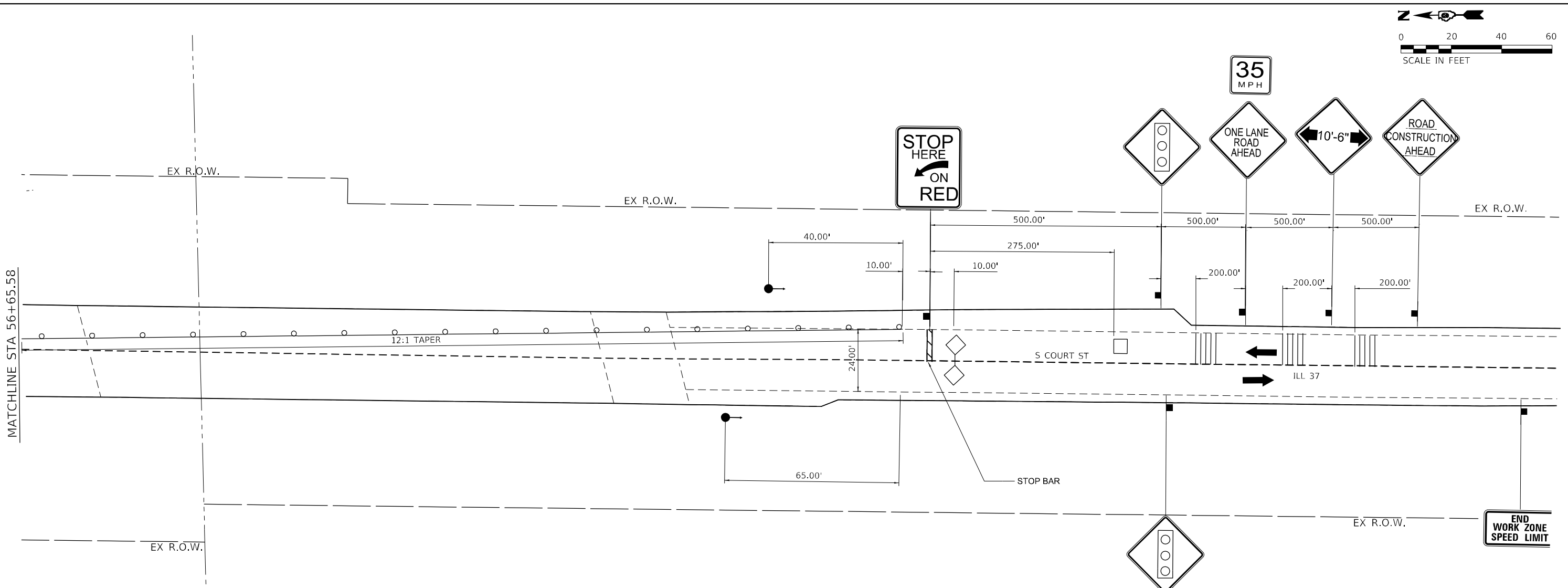
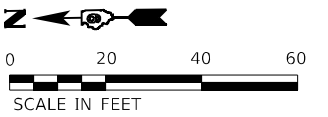


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC – PRESTAGE ROUNDBOUT	
SCALE: 1"=20'	SHEET NO 2 OF 3 SHEETS

F.A.S. RTE 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO 54
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



- NOTES**
1. ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION USING FLAGGERS OR TEMPORARY SIGNALS.
 2. THE CONTRACTOR SHALL PROVIDE A TEMPORARY SIGN ACROSS FROM THE PRIVATE DRIVE. SEE SHEET WORK ZONE DETAIL FOR SIGN DETAIL.
SIGNING NOT TO SCALE
 3. THE CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING THE TEMPORARY PAVEMENT WITH EITHER PORTLAND CEMENT CONCRETE OR HOT-MIX ASPHALT MATERIAL ACCORDING TO APPLICABLE SPECIAL PROVISIONS IN THE CONTRACT AND AS FOLLOWS:
 - 8 3/4" HOT-MIX ASPHALT
 - 6 3/4" HMA BINDER COURSE, IL-19.0, N70
 - 2" HMA SURFACE COURSE, IL-9.5, MIX D, N70
 - 8" PCC PAVEMENT

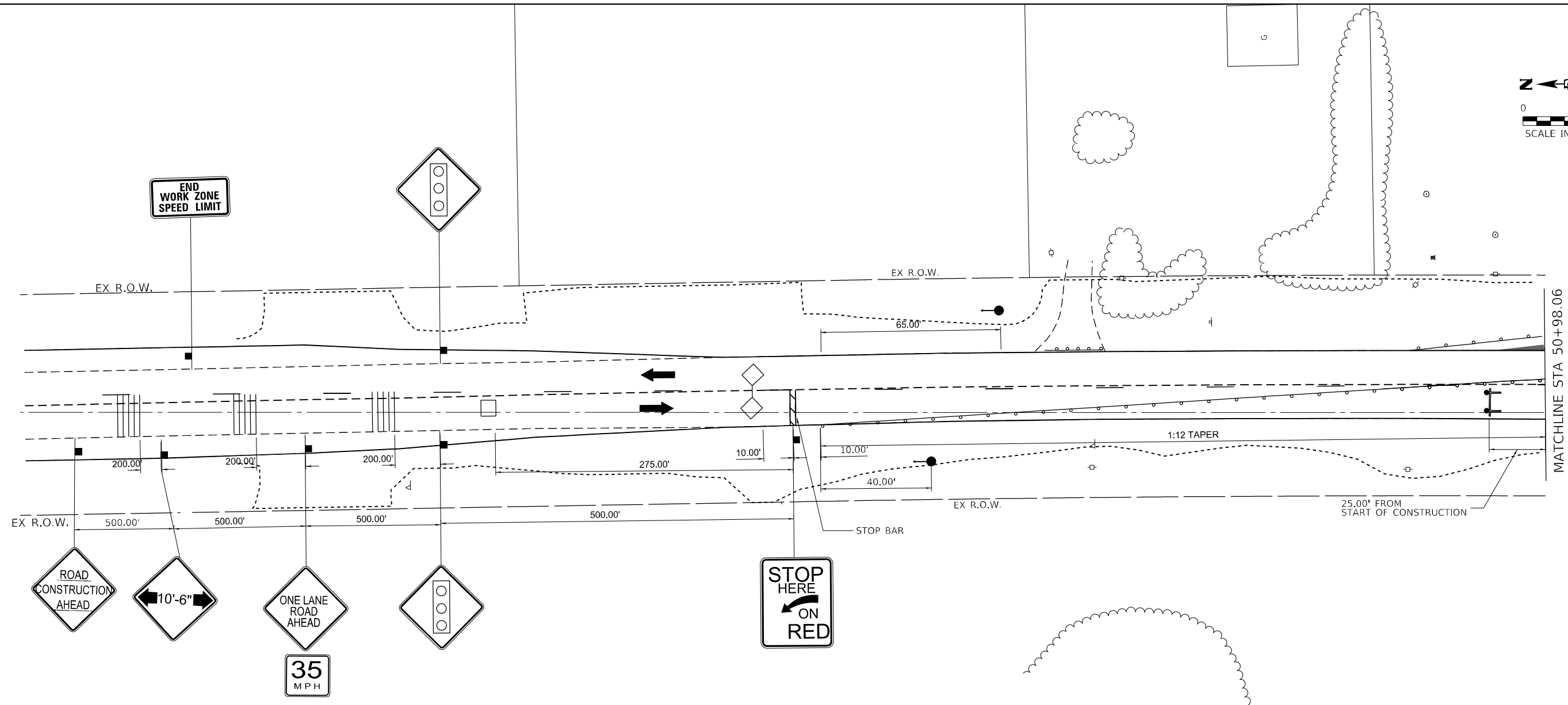
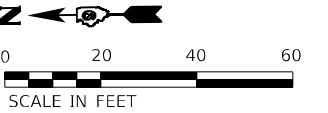
- PRESTAGE**
1. REMOVE EXISTING SHOULDER AND REPLACE WITH TEMPORARY PAVEMENT ON THE EAST SIDE OF THE ROAD
 2. DIRTWORK TO BE DONE ON THE NORTH SIDE OF WILDCAT RD
 3. PLACE TEMPORARY PAVEMENT MARKINGS AND BARRICADES AND SHIFT TRAFFIC TO THE SB LANE (AS SHOWN) MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED
 4. VERTICAL BARRICADES @50' SPACING AS PER IDOT DROP-OFF POLICY. ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY ENGINEER
 5. CLOSURES SHALL BE IN ACCORDANCE WITH STANDARD BLR 21 ALONG WILDCAT RD
 6. TEMPORARY TRAFFIC SIGNALS ARE PLACED TO GUIDE THE LOCAL TRAFFIC THROUGH ILL 37
 7. WILDCAT RD WILL BE CLOSED THROUGHOUT CONSTRUCTION
 8. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701316-13

LEGEND

- CONSTRUCTION EDGE DRUMS
- TEMPORARY TRAFFIC SIGNALS
- CONCRETE PAVEMENT CONSTRUCTION
- CONCRETE PAVERS
- PAVEMENT/CURB & GUTTER/SHOULDER CONSTRUCTION
- VERTICAL PANELS AT 25' CTS, THROUGHOUT LANE SHIFT
- TYPE III BARRICADES TO BE PLACED WHEN NO WORK IS BEING PERFORMED
- DIRECTION OF TRAFFIC
- TEMPORARY RUMBLE STRIPS
- DETECTOR LOOPS
- LIMITS OF CONSTRUCTION
- PROPOSED R.O.W.

PRINTED DATE: 9/20/2024
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	USER NAME = untitled	DESIGNED - PS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC – PRESTAGE ROUNDBOUT	F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
	PLOT SCALE = 40.0000' / in.	DRAWN - PS, AB	REVISED -			2887	113R-1	WILLIAMSON	486	55
	PLOT DATE = 9/20/2024	CHECKED - PS, DC	REVISED -			CONTRACT NO 78633		ILLINOIS FEDERAL AID PROJECT		



NOTES

1. CONTRACTOR TO FILL IN ANY OPEN HOLES (OR PROVIDE A 3:1 SLOPE WITH COMPACTED AGGREGATE) WITHIN 3' OF THE PAVEMENT WHILE WORKERS AREN'T PRESENT.
2. ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION USING FLAGGERS OR TEMPORARY SIGNALS.
3. THE CONTRACTOR SHALL PROVIDE A TEMPORARY SIGN ACROSS FROM THE PRIVATE DRIVE. SEE SHEET WORK ZONE SIGN DETAIL FOR SIGN DETAIL.

SIGNING NOT TO SCALE

LEGEND

- CONSTRUCTION EDGE DRUMS
- TEMPORARY TRAFFIC SIGNALS
- PCC PAVEMENT 9" JOINTED
- STAMPED COLORED CONCRETE PCC PAVEMENT 9" JOINTED
- HMA PAVEMENT/CURB & GUTTER/SHOULDER CONSTRUCTION
- VERTICAL PANELS AT 25' CTS, THROUGHOUT LANE SHIFT
- TYPE III BARRICADES TO BE PLACED WHEN NO WORK IS BEING PERFORMED
- DIRECTION OF TRAFFIC
- TEMPORARY RUMBLE STRIPS
- DETECTOR LOOP
- TEMPORARY PAVEMENT
- LIMITS OF CONSTRUCTION

STAGE 1

1. PLACE TEMPORARY PAVEMENT MARKINGS AND BARRICADES AND SHIFT TRAFFIC TO THE NB LANE (AS SHOWN) MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED
2. REMOVE EXISTING PAVEMENT AND SHOULDER AS SHOWN
3. CONSTRUCT PROPOSED PCC ITEMS AS SHOWN
4. VERTICAL BARRICADES @50' SPACING AS PER IDOT DROP-OFF POLICY. ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY ENGINEER
5. CLOSURES SHALL BE IN ACCORDANCE WITH STANDARD BLR 21 ALONG WILDCAT RD
6. TEMPORARY TRAFFIC SIGNALS ARE PLACED TO GUIDE THE LOCAL TRAFFIC THROUGH IL 37
7. WILDCAT RD WILL BE CLOSED THROUGHOUT CONSTRUCTION
8. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701316

PRINTED DATE: 8/6/2024
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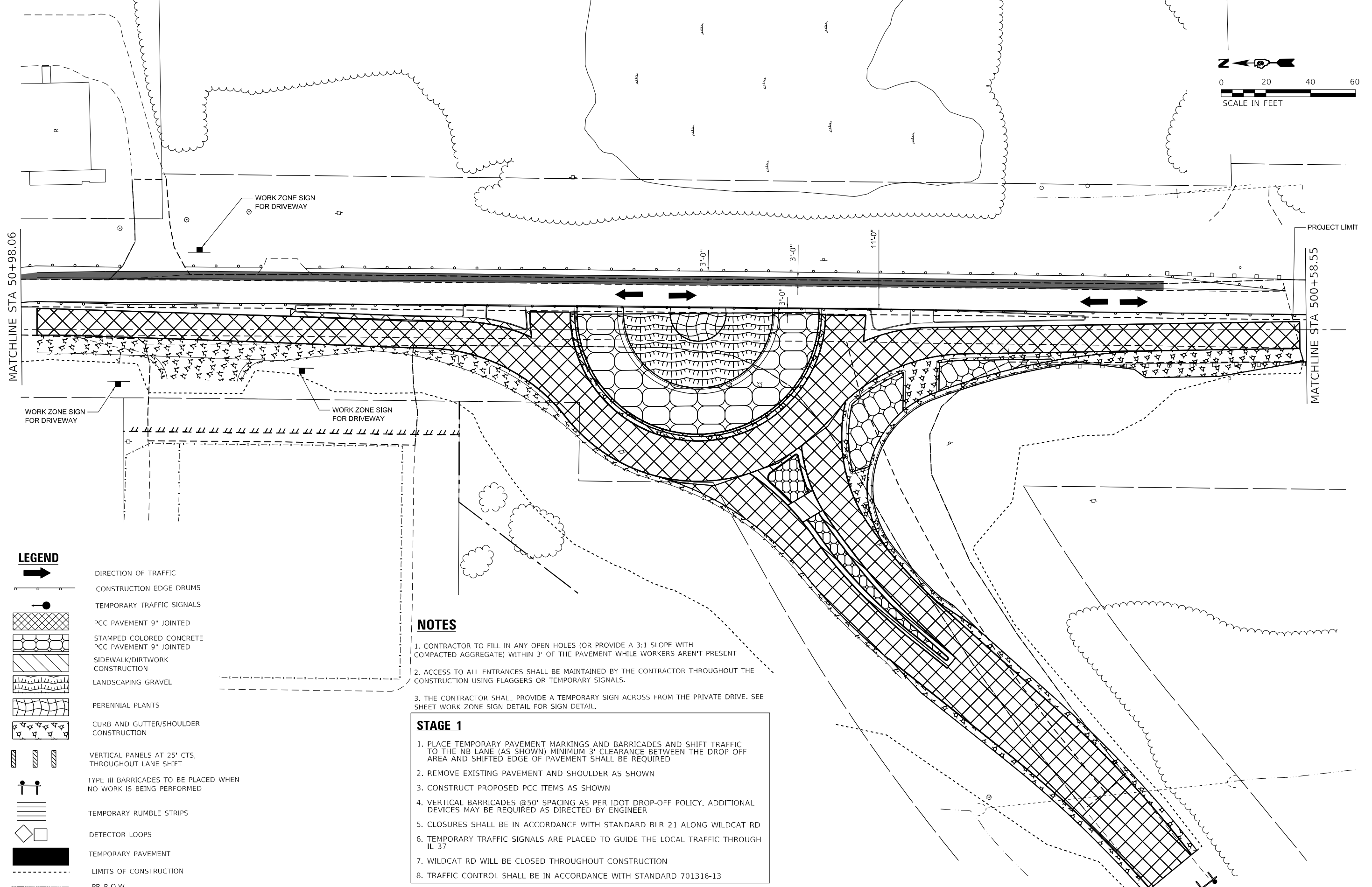
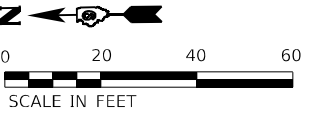
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 1
IL 37**

SCALE: 1"=20' SHEET NO 1 OF 3 SHEETS

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO 56
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



LEGEND

- DIRECTION OF TRAFFIC
- CONSTRUCTION EDGE DRUMS
- TEMPORARY TRAFFIC SIGNALS
- PCC PAVEMENT 9" JOINTED
- STAMPED COLORED CONCRETE PCC PAVEMENT 9" JOINTED
- SIDEWALK/DIRTWORK CONSTRUCTION
- LANDSCAPING GRAVEL
- PERENNIAL PLANTS
- CURB AND GUTTER/SHOULDER CONSTRUCTION
- VERTICAL PANELS AT 25' CTS, THROUGHOUT LANE SHIFT
- TYPE III BARRICADES TO BE PLACED WHEN NO WORK IS BEING PERFORMED
- TEMPORARY RUMBLE STRIPS
- DETECTOR LOOPS
- TEMPORARY PAVEMENT
- LIMITS OF CONSTRUCTION
- PR R.O.W

NOTES

1. CONTRACTOR TO FILL IN ANY OPEN HOLES (OR PROVIDE A 3:1 SLOPE WITH COMPACTED AGGREGATE) WITHIN 3' OF THE PAVEMENT WHILE WORKERS AREN'T PRESENT
2. ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION USING FLAGGERS OR TEMPORARY SIGNALS.
3. THE CONTRACTOR SHALL PROVIDE A TEMPORARY SIGN ACROSS FROM THE PRIVATE DRIVE. SEE SHEET WORK ZONE SIGN DETAIL FOR SIGN DETAIL.

STAGE 1

1. PLACE TEMPORARY PAVEMENT MARKINGS AND BARRICADES AND SHIFT TRAFFIC TO THE NB LANE (AS SHOWN) MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED
2. REMOVE EXISTING PAVEMENT AND SHOULDER AS SHOWN
3. CONSTRUCT PROPOSED PCC ITEMS AS SHOWN
4. VERTICAL BARRICADES @50' SPACING AS PER IDOT DROP-OFF POLICY. ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY ENGINEER
5. CLOSURES SHALL BE IN ACCORDANCE WITH STANDARD BLR 21 ALONG WILDCAT RD
6. TEMPORARY TRAFFIC SIGNALS ARE PLACED TO GUIDE THE LOCAL TRAFFIC THROUGH IL 37
7. WILDCAT RD WILL BE CLOSED THROUGHOUT CONSTRUCTION
8. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701316-13

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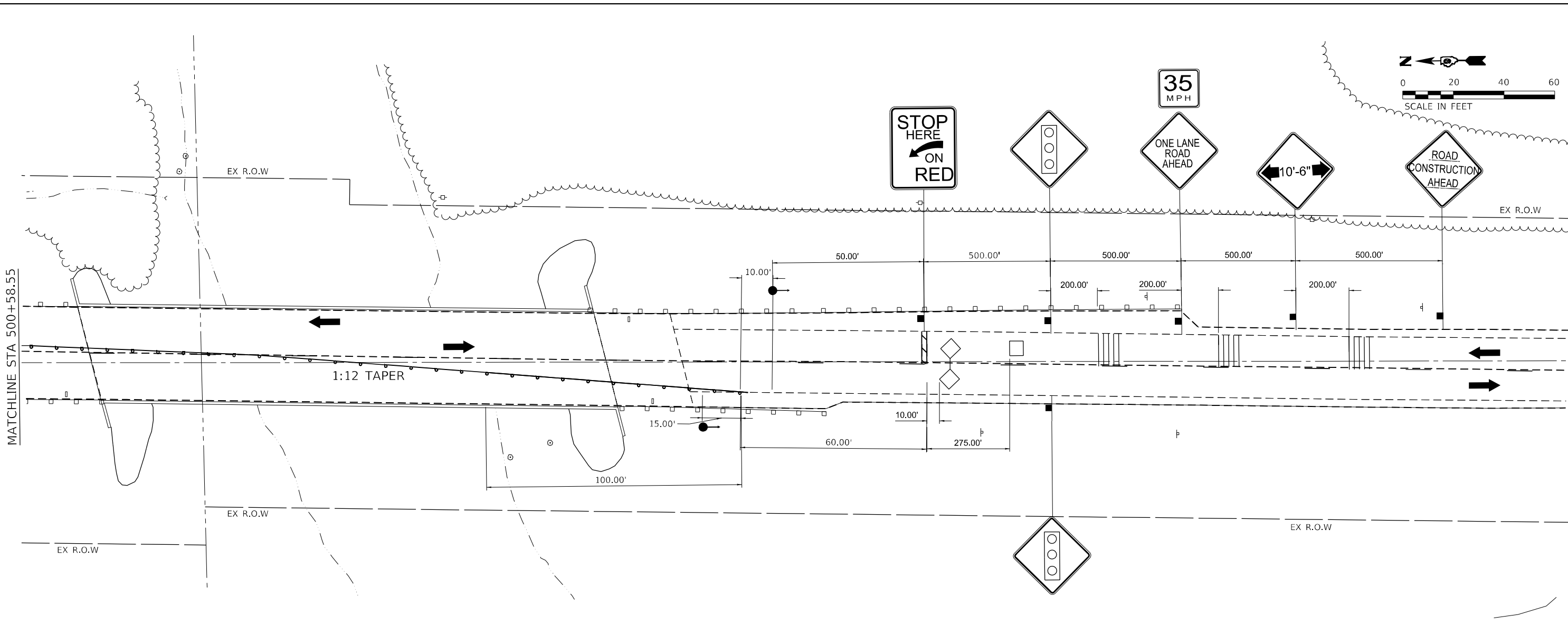
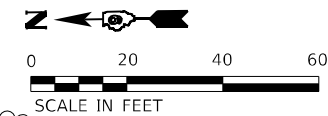
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 1
ROUNDBOUT**

SCALE: 1"=20' SHEET NO 2 OF 3 SHEETS

F.A.S. RTE 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO 57
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



NOTES

1. CONTRACTOR TO FILL IN ANY OPEN HOLES (OR PROVIDE A 3:1 SLOPE WITH COMPACTED AGGREGATE) WITHIN 3' OF THE PAVEMENT WHILE WORKERS AREN'T PRESENT
2. ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION USING FLAGGERS OR TEMPORARY SIGNALS.
3. THE CONTRACTOR SHALL PROVIDE A TEMPORARY SIGN ACROSS FROM THE PRIVATE DRIVE. SEE SHEET WORK ZONE DETAIL FOR SIGN DETAIL.

SIGNING NOT TO SCALE

LEGEND

- | | | | |
|--|---|--|--|
| | CONSTRUCTION EDGE DRUMS | | TYPE III BARRICADES TO BE PLACED WHEN NO WORK IS BEING PERFORMED |
| | TEMPORARY TRAFFIC SIGNALS | | DIRECTION OF TRAFFIC |
| | PCC PAVEMENT
9" JOINTED | | TEMPORARY RUMBLE STRIPS |
| | STAMPED COLORED CONCRETE
PCC PAVEMENT 9" JOINTED | | DETECTOR LOOPS |
| | PAVEMENT/CURB & GUTTER/SHOULDER CONSTRUCTION | | TEMPORARY PAVEMENT |
| | VERTICAL PANELS AT 25' CTS, THROUGHOUT LANE SHIFT | | |

STAGE 1

1. PLACE TEMPORARY PAVEMENT MARKINGS AND BARRICADES AND SHIFT TRAFFIC TO THE NB LANE (AS SHOWN) MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED
2. REMOVE EXISTING PAVEMENT AND SHOULDER AS SHOWN
3. CONSTRUCT PROPOSED PCC ITEMS AS SHOWN
4. VERTICAL BARRICADES @50' SPACING AS PER IDOT DROP-OFF POLICY. ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY ENGINEER
5. CLOSURES SHALL BE IN ACCORDANCE WITH STANDARD BLR 21 ALONG WILDCAT RD
6. TEMPORARY TRAFFIC SIGNALS ARE PLACED TO GUIDE THE LOCAL TRAFFIC THROUGH IL 37
7. WILDCAT RD WILL BE CLOSED THROUGHOUT CONSTRUCTION
8. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701316-13

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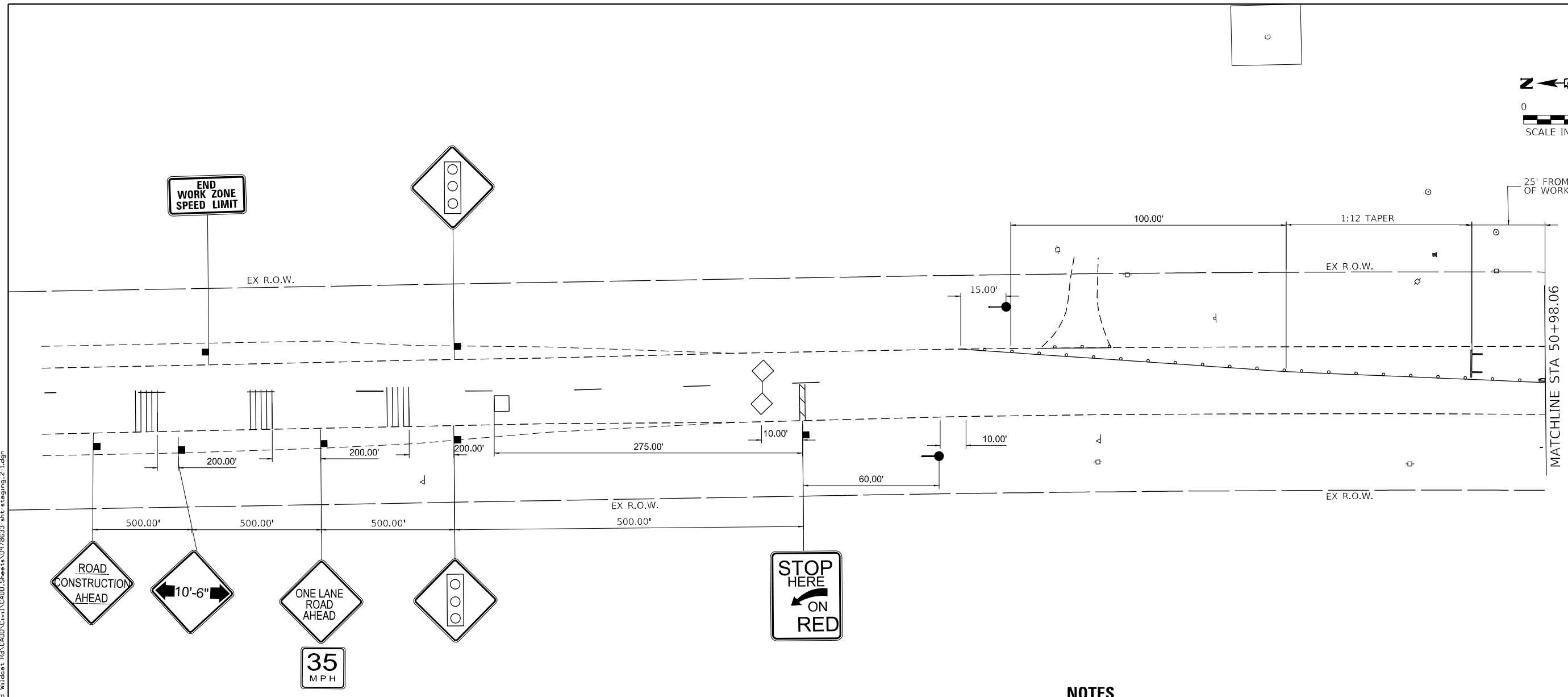
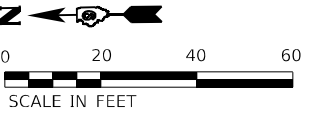
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 1
ROUNDBOUT**

SCALE: 1"=20' SHEET NO 3 OF 3 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	58
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



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NOTES

1. CONTRACTOR TO FILL IN ANY OPEN HOLES (OR PROVIDE A 3:1 SLOPE WITH COMPACTED AGGREGATE) WITHIN 3' OF THE PAVEMENT WHILE WORKERS AREN'T PRESENT.
2. ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION USING FLAGGERS OR TEMPORARY SIGNALS.
3. THE CONTRACTOR SHALL PROVIDE A TEMPORARY SIGN ACROSS FROM THE PRIVATE DRIVE. SEE SHEET WORK ZONE DETAIL FOR SIGN DETAIL.

SIGNING NOT TO SCALE

STAGE 2

1. PLACE TEMPORARY PAVEMENT MARKINGS AND BARRICADES AND SHIFT TRAFFIC TO THE NEW SB PAVEMENT (AS SHOWN) MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED
2. REMOVE EXISTING PAVEMENT AND SHOULDER AS SHOWN
3. CONSTRUCT PROPOSED PCC ITEMS AS SHOWN
4. VERTICAL BARRICADES @50' SPACING AS PER IDOT DROP-OFF POLICY. ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY ENGINEER
5. CLOSURES SHALL BE IN ACCORDANCE WITH STANDARD BLR 21 ALONG WILDCAT RD
6. TEMPORARY TRAFFIC SIGNALS ARE PLACED TO GUIDE LOCAL TRAFFIC THROUGH IL 37
7. WILDCAT RD WILL BE CLOSED THROUGHOUT CONSTRUCTION
8. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701316-13

LEGEND

- | | | | |
|--|---|--|--|
| | CONSTRUCTION EDGE DRUMS | | TYPE III BARRICADES TO BE PLACED WHEN NO WORK IS BEING PERFORMED |
| | TEMPORARY TRAFFIC SIGNALS | | DIRECTION OF TRAFFIC |
| | PCC PAVEMENT 9" JOINTED | | TEMPORARY RUMBLE STRIPS |
| | STAMPED COLORED CONCRETE PCC PAVEMENT 9" JOINTED | | DETECTOR LOOPS |
| | HMA PAVEMENT/CURB & GUTTER/SHOULDER CONSTRUCTION | | |
| | VERTICAL PANELS AT 25' CTS, THROUGHOUT LANE SHIFT | | |

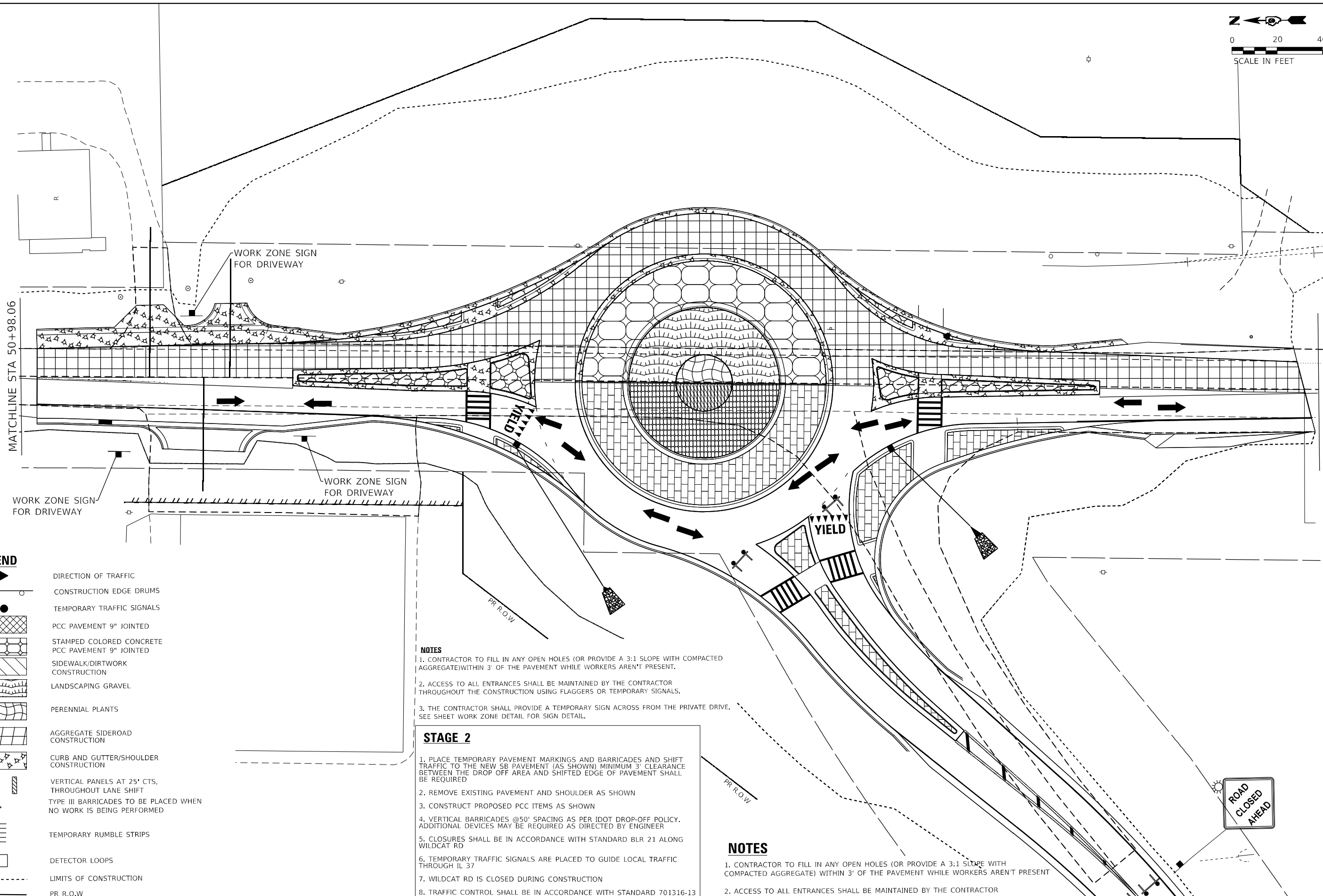
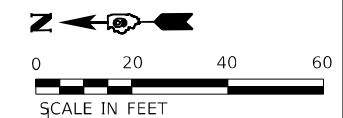


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC – STAGE 2	
IL 37	
SCALE: 1"=20'	SHEET NO 1 OF 3 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	59
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



LEGEND

- DIRECTION OF TRAFFIC
- CONSTRUCTION EDGE DRUMS
- TEMPORARY TRAFFIC SIGNALS
- PCC PAVEMENT 9" JOINTED
- STAMPED COLORED CONCRETE PCC PAVEMENT 9" JOINTED
- SIDEWALK/DIRTWORK CONSTRUCTION
- LANDSCAPING GRAVEL
- PERENNIAL PLANTS
- AGGREGATE SIDEROAD CONSTRUCTION
- CURB AND GUTTER/SHOULDER CONSTRUCTION
- VERTICAL PANELS AT 25' CTS, THROUGHOUT LANE SHIFT
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- DETECTOR LOOPS
- LIMITS OF CONSTRUCTION
- PR R.O.W

NOTES

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STAGE 2

1. PLACE TEMPORARY PAVEMENT MARKINGS AND BARRICADES AND SHIFT TRAFFIC TO THE NEW SB PAVEMENT (AS SHOWN) MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED
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7. WILDCAT RD IS CLOSED DURING CONSTRUCTION
8. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701316-13

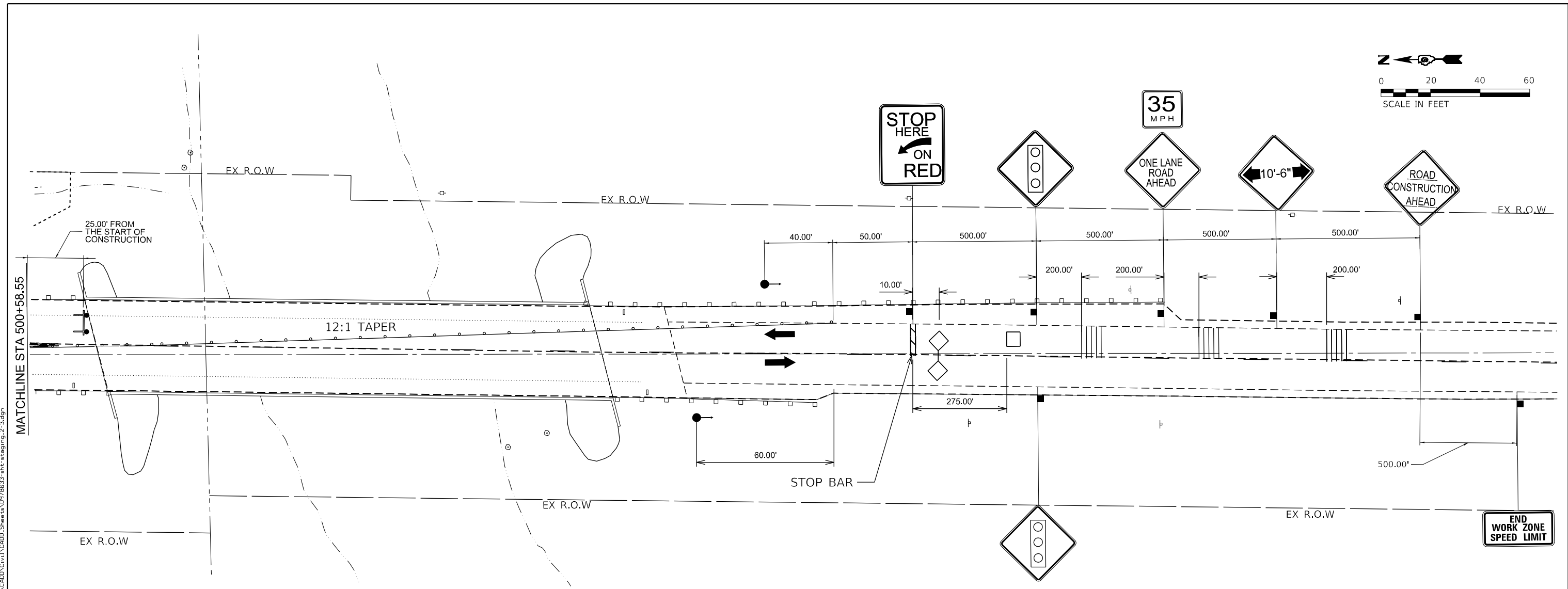
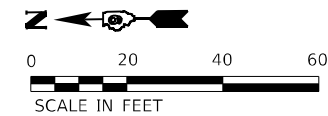
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	PLOT SCALE = 40.0000' / in.	CHECKED - PS, DC	REVISED -			SCALE: 1"=20'	SHEET NO 2 OF 3 SHEETS	CONTRACT NO 78633		ILLINOIS FEDERAL AID PROJECT
	PLOT DATE = 8/6/2024	DATE -	REVISED -							



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NOTES

- CONTRACTOR TO FILL IN ANY OPEN HOLES (OR PROVIDE A 3:1 SLOPE WITH COMPACTED AGGREGATE) WITHIN 3' OF THE PAVEMENT WHILE WORKERS AREN'T PRESENT
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- THE CONTRACTOR SHALL PROVIDE A TEMPORARY SIGN ACROSS FROM THE PRIVATE DRIVE. SEE SHEET WORK ZONE DETAIL FOR SIGN DETAIL.

SIGNING NOT TO SCALE

STAGE 2

- PLACE TEMPORARY PAVEMENT MARKINGS AND BARRICADES AND SHIFT TRAFFIC TO THE NEW SB PAVEMENT (AS SHOWN) MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED
- REMOVE EXISTING PAVEMENT AND SHOULDER AS SHOWN
- CONSTRUCT PROPOSED PCC ITEMS AS SHOWN
- VERTICAL BARRICADES @50' SPACING AS PER IDOT DROP-OFF POLICY. ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY ENGINEER
- CLOSURES SHALL BE IN ACCORDANCE WITH STANDARD BLR 21 ALONG WILDCAT RD
- TEMPORARY TRAFFIC SIGNALS ARE PLACED TO GUIDE LOCAL TRAFFIC THROUGH IL 37
- WILDCAT RD WILL BE CLOSED THROUGHOUT CONSTRUCTION
- TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701316-13

LEGEND

- | | | | |
|--|---|--|--|
| | CONSTRUCTION EDGE DRUMS | | TYPE III BARRICADES TO BE PLACED WHEN NO WORK IS BEING PERFORMED |
| | TEMPORARY TRAFFIC SIGNALS | | DIRECTION OF TRAFFIC |
| | PCC PAVEMENT 9" JOINTED | | TEMPORARY RUMBLE STRIPS |
| | STAMPED COLORED CONCRETE PCC PAVEMENT 9" JOINTED | | DETECTOR LOOPS |
| | HMA PAVEMENT/CURB & GUTTER/SHOULDER CONSTRUCTION | | |
| | VERTICAL PANELS AT 25' CTS, THROUGHOUT LANE SHIFT | | |



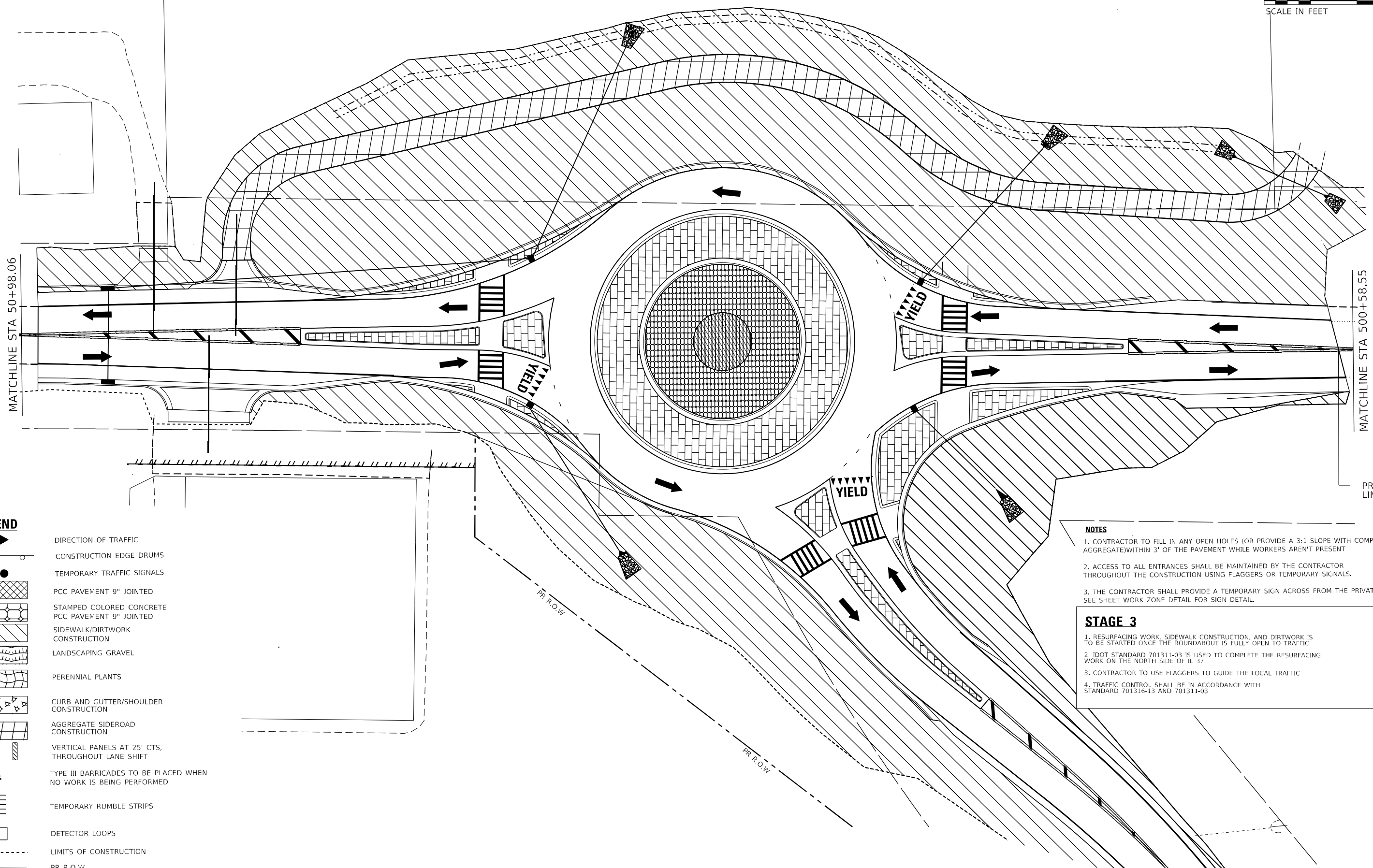
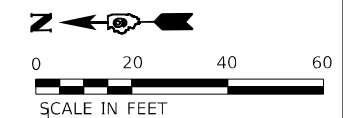
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 2
ROUNDBOUT**

SCALE: 1"=20' SHEET NO 3 OF 3 SHEETS

F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	61
CONTRACT NO 78633			ILLINOIS FEDERAL AID PROJECT	



LEGEND

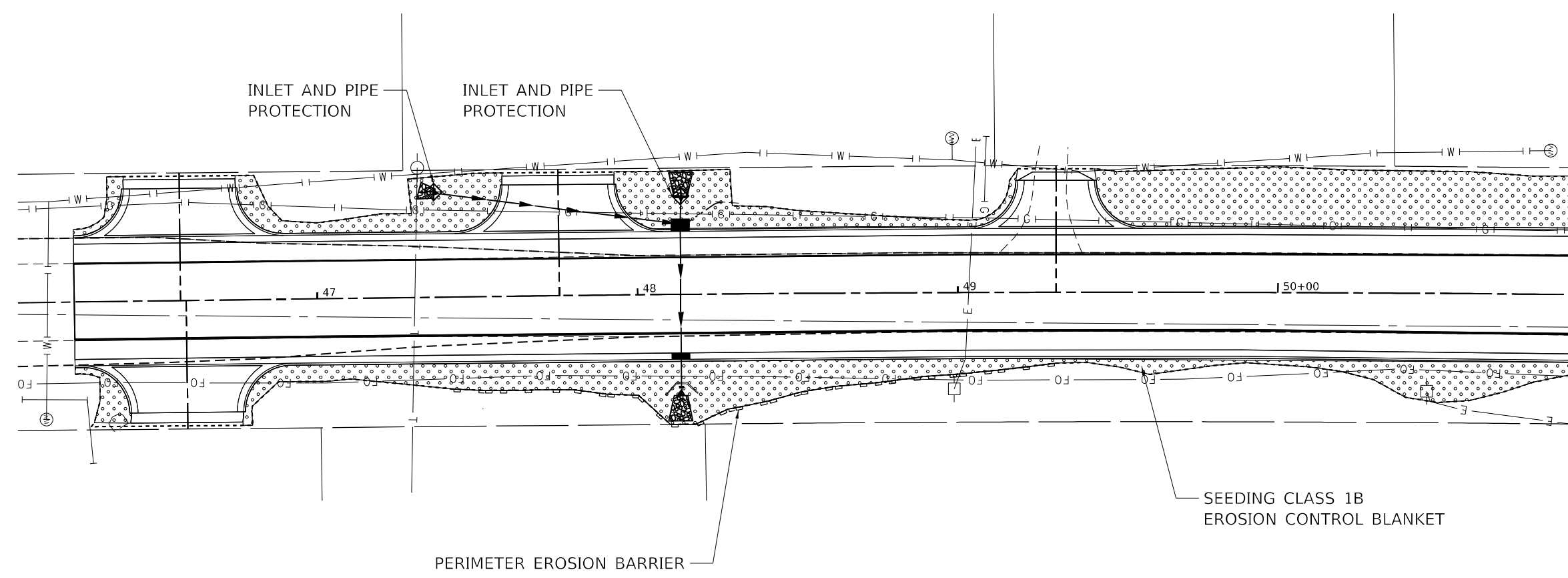
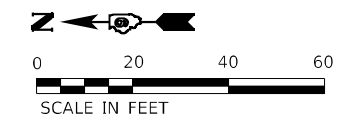
	DIRECTION OF TRAFFIC
	CONSTRUCTION EDGE DRUMS
	TEMPORARY TRAFFIC SIGNALS
	PCC PAVEMENT 9" JOINTED
	STAMPED COLORED CONCRETE PCC PAVEMENT 9" JOINTED
	SIDEWALK/DIRTWORK CONSTRUCTION
	LANDSCAPING GRAVEL
	PERENNIAL PLANTS
	CURB AND GUTTER/SHOULDER CONSTRUCTION
	AGGREGATE SIDEROAD CONSTRUCTION
	VERTICAL PANELS AT 25' CTS. THROUGHOUT LANE SHIFT
	TYPE III BARRICADES TO BE PLACED WHEN NO WORK IS BEING PERFORMED
	TEMPORARY RUMBLE STRIPS
	DETECTOR LOOPS
	LIMITS OF CONSTRUCTION
	PR R.O.W

- NOTES**
- CONTRACTOR TO FILL IN ANY OPEN HOLES (OR PROVIDE A 3:1 SLOPE WITH COMPACTED AGGREGATE) WITHIN 3' OF THE PAVEMENT WHILE WORKERS AREN'T PRESENT
 - ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION USING FLAGGERS OR TEMPORARY SIGNALS.
 - THE CONTRACTOR SHALL PROVIDE A TEMPORARY SIGN ACROSS FROM THE PRIVATE DRIVE. SEE SHEET WORK ZONE DETAIL FOR SIGN DETAIL.


- STAGE 3**
- RESURFACING WORK, SIDEWALK CONSTRUCTION, AND DIRTWORK IS TO BE STARTED ONCE THE ROUNDABOUT IS FULLY OPEN TO TRAFFIC
 - IDOT STANDARD 701311-03 IS USED TO COMPLETE THE RESURFACING WORK ON THE NORTH SIDE OF IL 37
 - CONTRACTOR TO USE FLAGGERS TO GUIDE THE LOCAL TRAFFIC
 - TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701316-13 AND 701311-03


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	USER NAME = untitled	DESIGNED - PS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 3 ROUNDABOUT	F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO 62
	PLOT SCALE = 40.0000' / in.	CHECKED - PS, DC	REVISED -			SCALE: 1"=20'	SHEET NO 1 OF 1 SHEETS	CONTRACT NO 78633		ILLINOIS FEDERAL AID PROJECT
	PLOT DATE = 8/6/2024	DATE -	REVISED -							

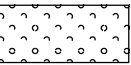



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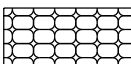
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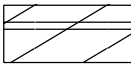
INLET AND PIPE PROTECTION
- 

TEMPORARY DITCH CHECKS
- 

PERIMETER EROSION BARRIER
- 

SEEDING, CLASS 1B WITH
EROSION CONTROL BLANKET
- 

STONE RIP-RAP, CLASS A4
- 

LANDSCAPING GRAVEL
(BROWN/TAN) WITH WEED
BARRIER FABRIC
- 

PERENNIAL PLANTS,
LANDSCAPING GRAVEL WITH
WEED BARRIER FABRIC

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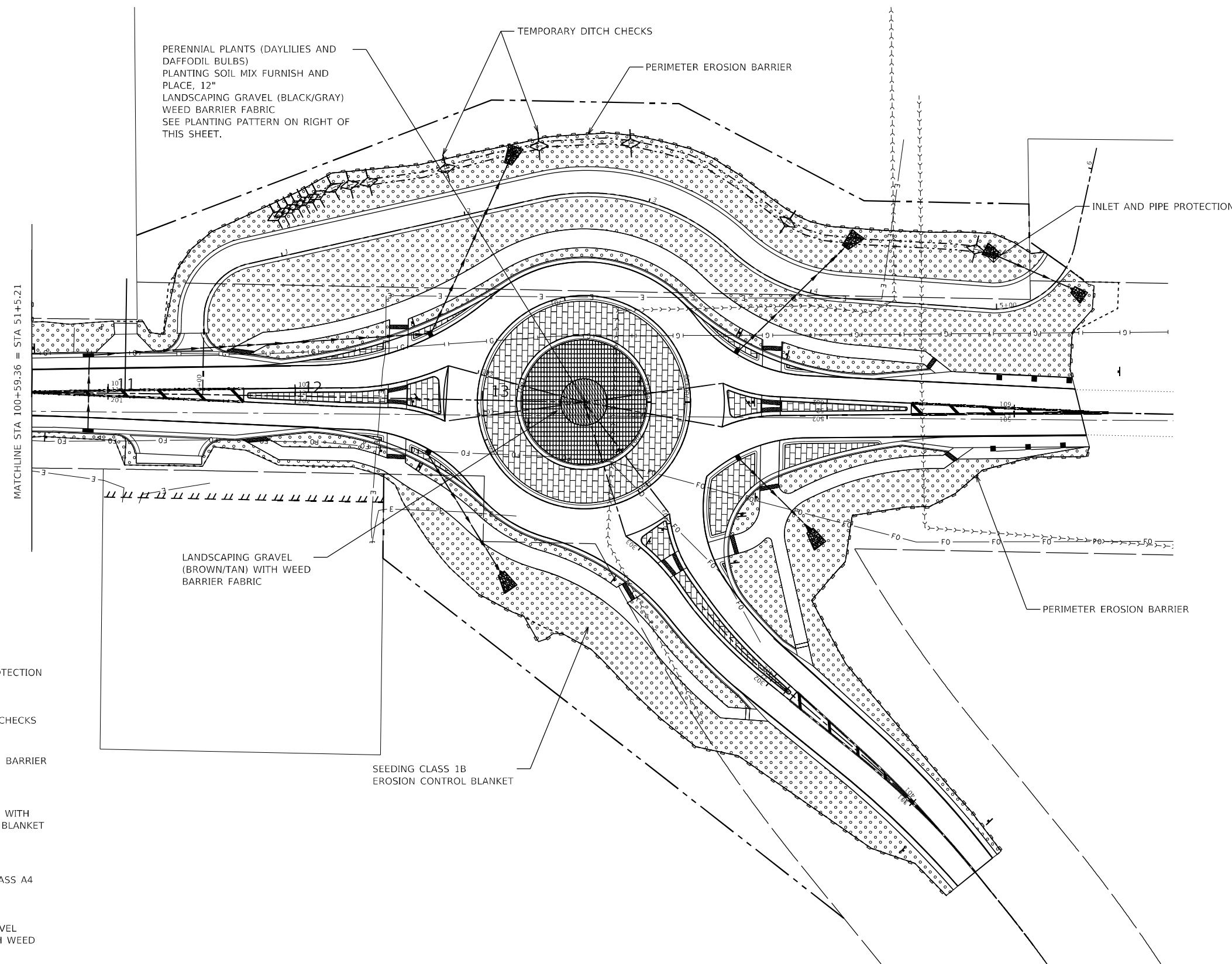
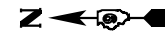


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PLOT DATE = 9/20/2024	DATE -	REVISED -








STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

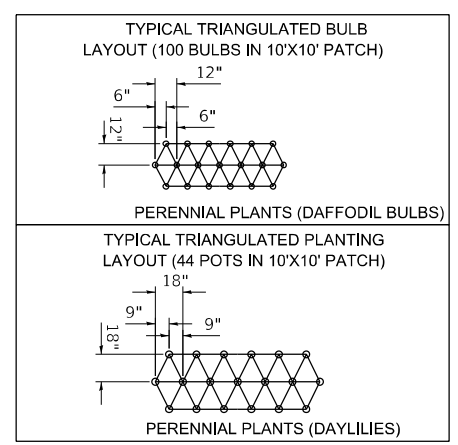
EROSION CONTROL PLAN	
IL 37	
SCALE: 1"=20'	SHEET NO 1 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	63
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



LEGEND

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  SEEDING, CLASS 1B WITH EROSION CONTROL BLANKET
-  STONE RIP-RAP, CLASS A4
-  LANDSCAPING GRAVEL (BROWN/TAN) WITH WEED BARRIER FABRIC
-  PERENNIAL PLANTS, LANDSCAPING GRAVEL WITH WEED BARRIER FABRIC



PRINTED DATE: 9/20/2024
FILE NAME: J:\C:\Engineering\Projects\Hornor_Shrift\m\PTB_198-034\Work_Order_11\22-869_Ph_2_Roundabout.et.IL_37_and_Mildas_Red\CADD\Civil\CADD_Sheets\0978633-ht-erosRoundabout.dgn



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PLOT DATE = 9/20/2024	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

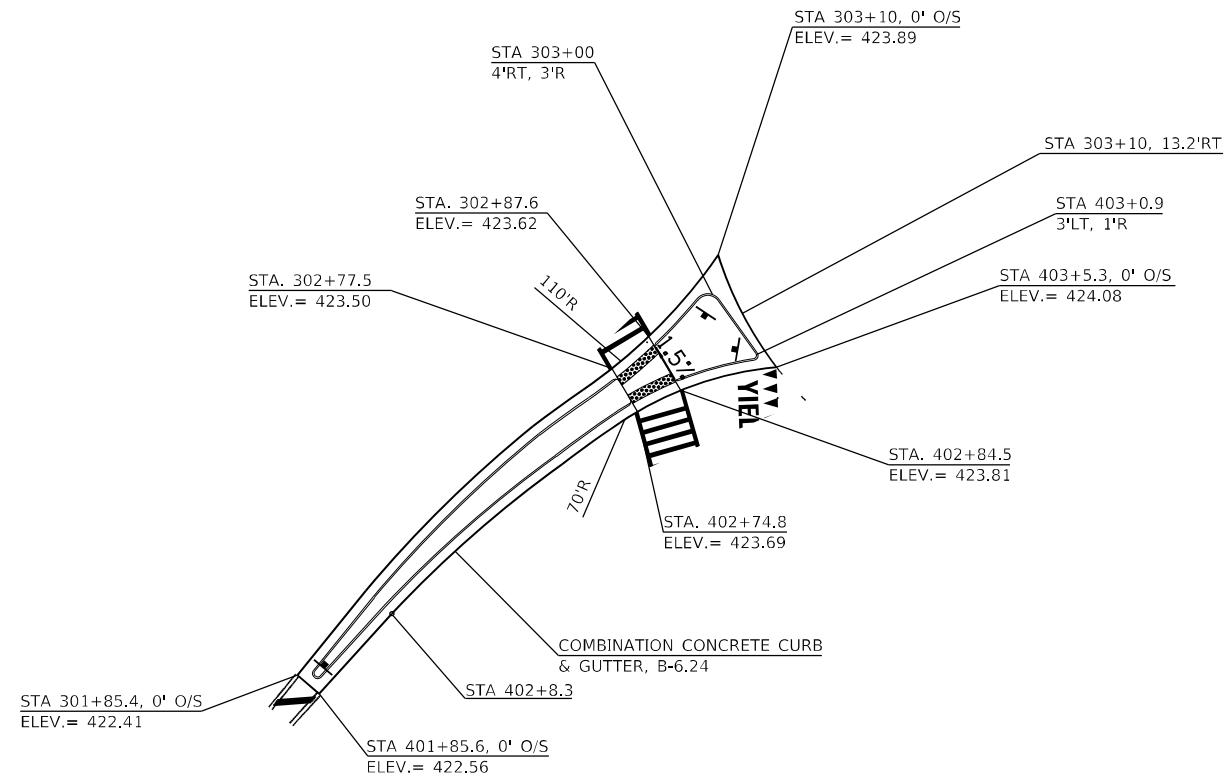
**EROSION CONTROL PLAN
ROUNDBOUT**

SCALE: 1"=30' SHEET NO 2 OF 2 SHEETS

F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	64
CONTRACT NO 78633				

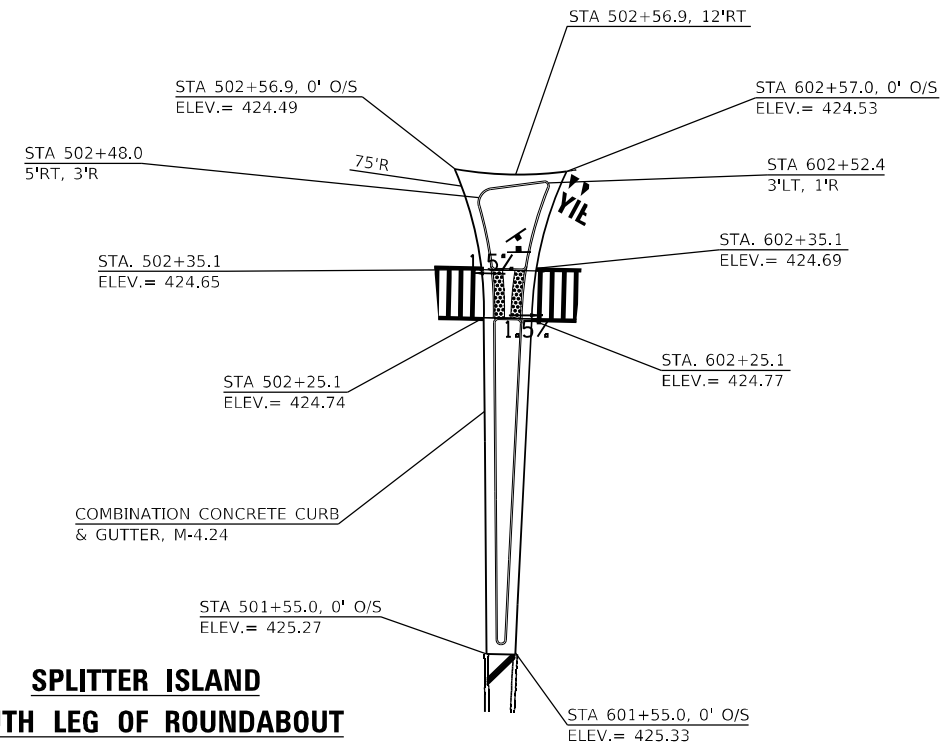
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**SPLITTER ISLAND
WEST LEG OF ROUNDABOUT**

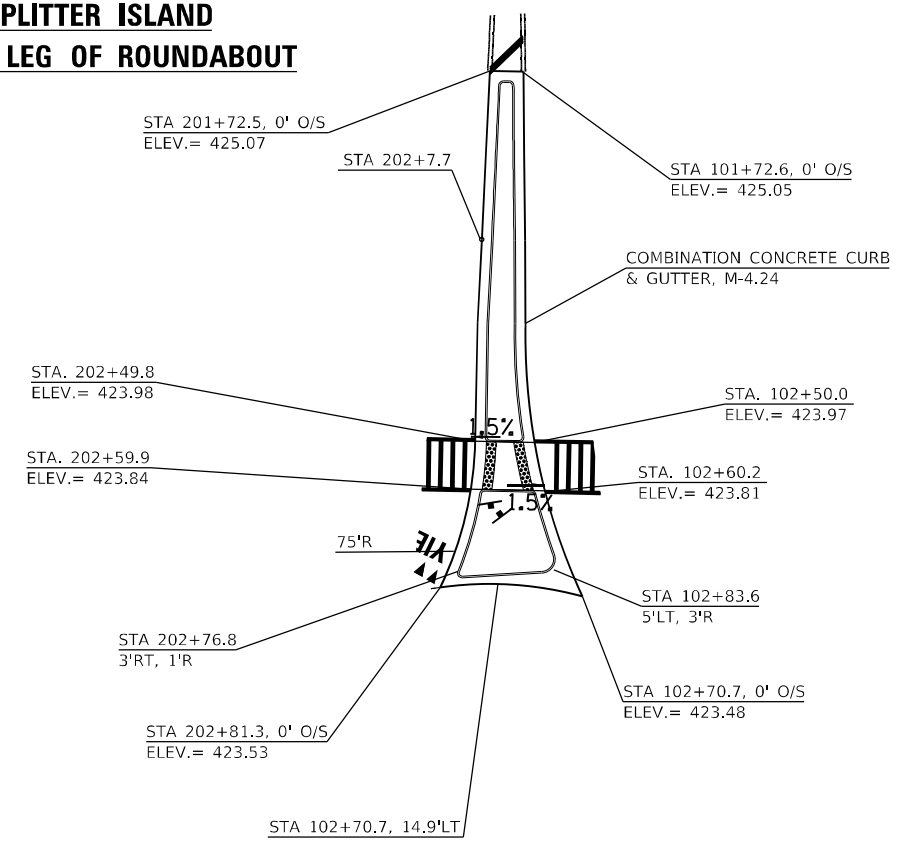
NOT TO SCALE



**SPLITTER ISLAND
SOUTH LEG OF ROUNDABOUT**

NOT TO SCALE

**SPLITTER ISLAND
NORTH LEG OF ROUNDABOUT**



NOT TO SCALE



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DRAWN - PS, AB	REVISED -	
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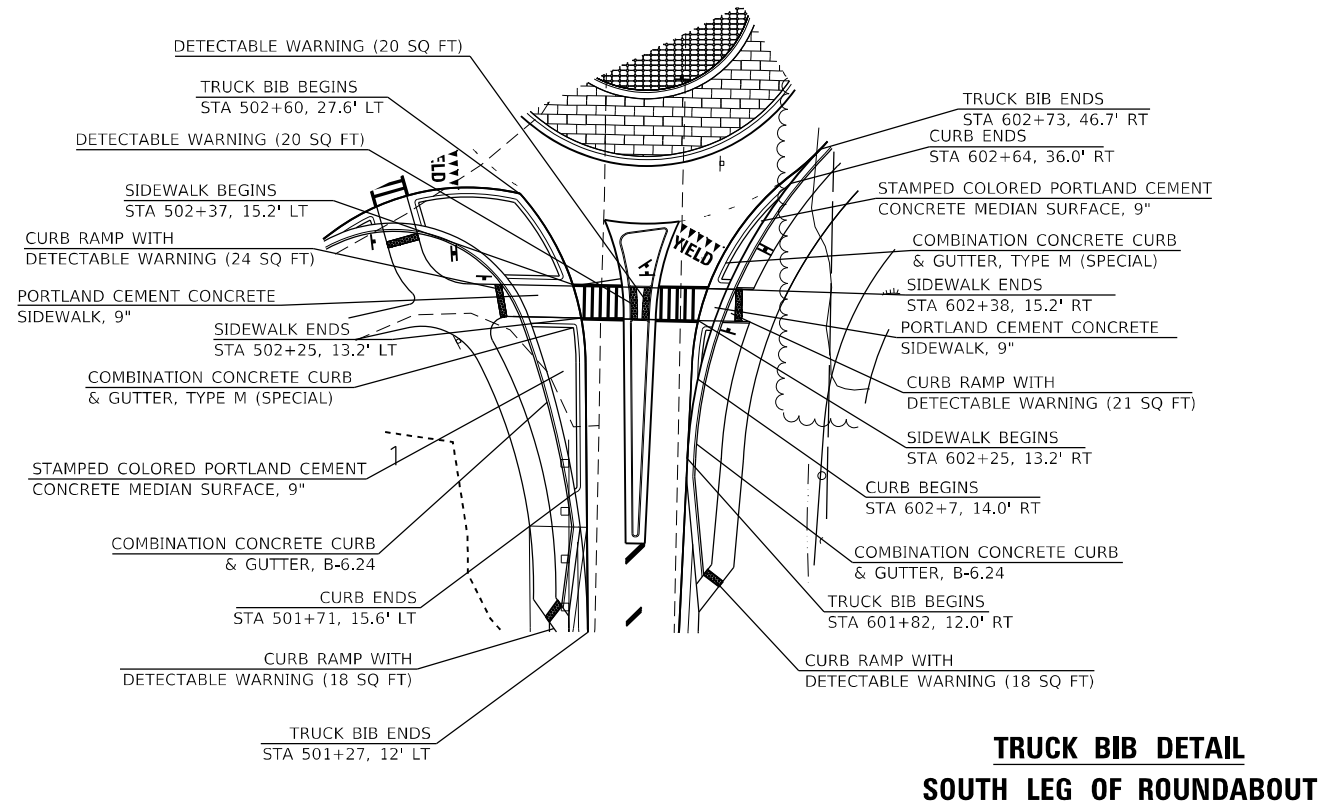
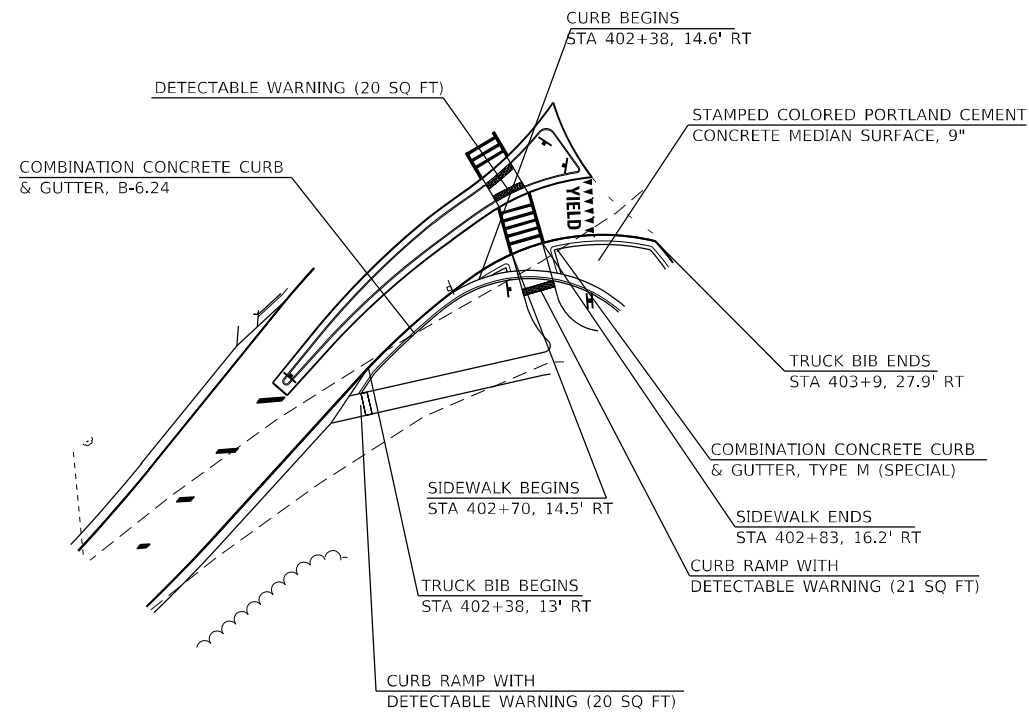
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GEOMETRICS DETAIL SHEET

SCALE: N/A SHEET NO 1 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	65
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				

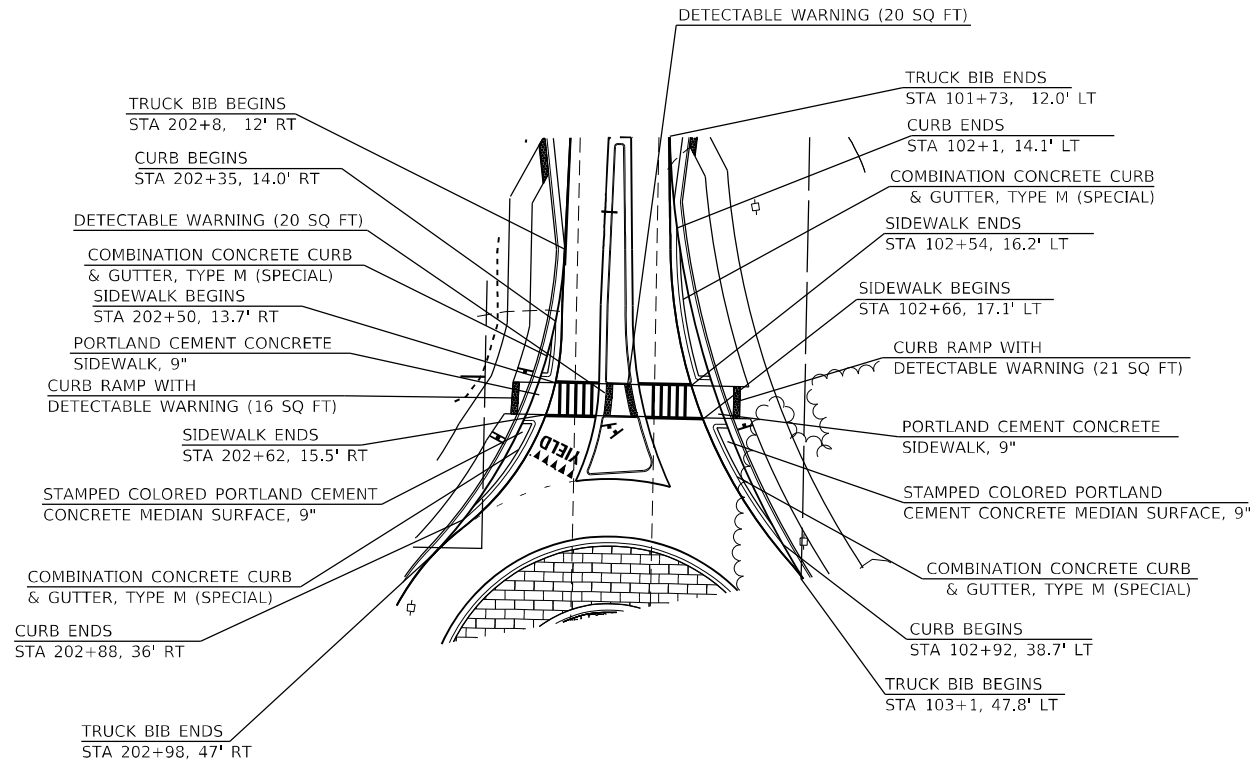
**TRUCK BIB DETAIL
WEST LEG OF ROUNDABOUT**



**TRUCK BIB DETAIL
SOUTH LEG OF ROUNDABOUT**

NOTE: CURB ADJACENT TO A SIDEWALK IN SPLITTER ISLAND WILL BE MOUNTABLE FOR TRUCKS TO DRIVE OVER

**TRUCK BIB DETAIL
NORTH LEG OF ROUNDABOUT**



PRINTED DATE: 8/6/2024
FILE NAME: J:\C:\Engineering\Projects\Hornor_Shrift\m\PTB_198-034\Work_Order_11\22-869_Ph_2_Roundabout.et.il_37_end_Wildcat_Red\CADD\Civil\CADD_Sheets\0978633-int-geomDetail2.dgn



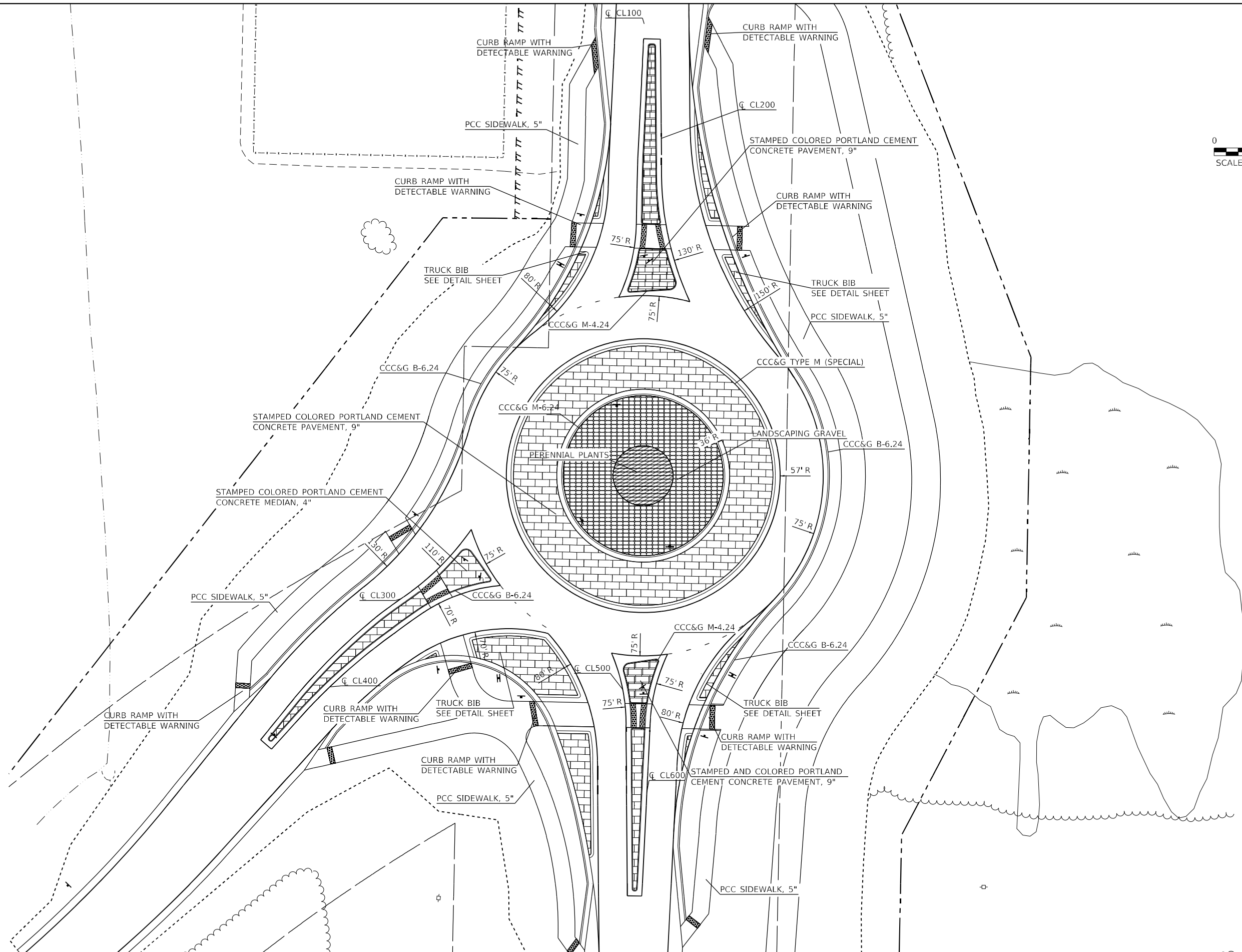
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PLOT DATE = 8/6/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GEOMETRICS DETAIL SHEET

SCALE: N/A SHEET NO 2 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	66
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



PRINTED DATE: 8/6/2024
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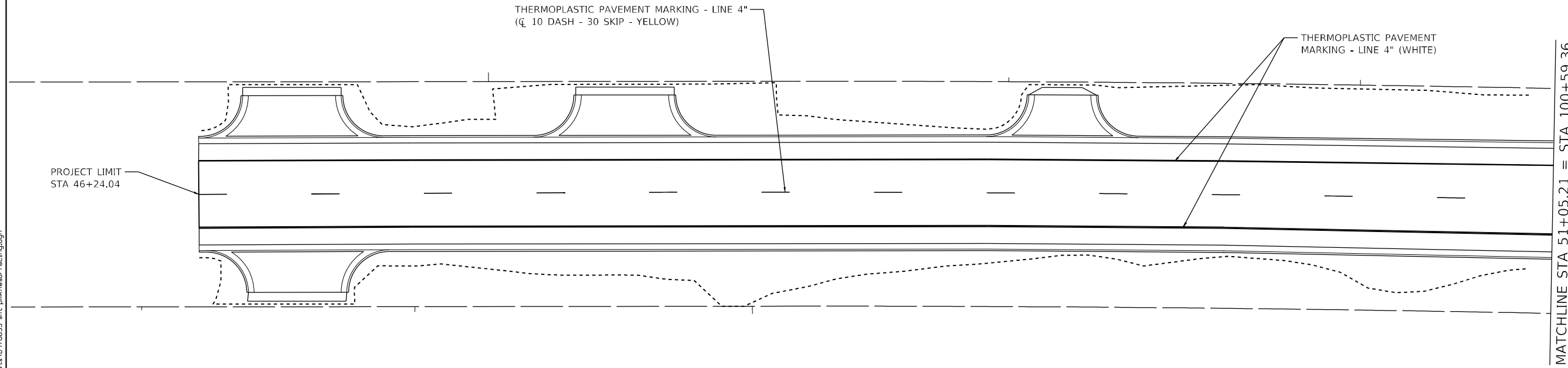
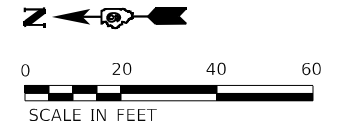
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL SHEET

SCALE: 1"=20' SHEET NO 1 OF 1 SHEET

F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	67
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



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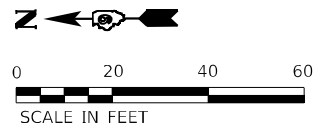
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PLOT DATE = 8/6/2024		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

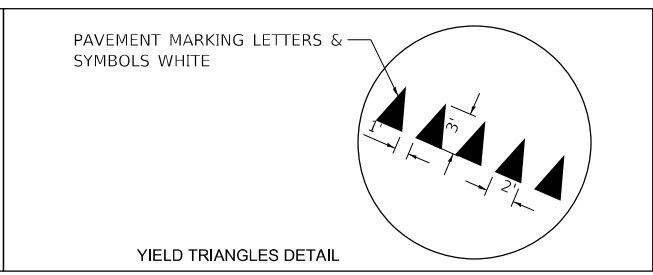
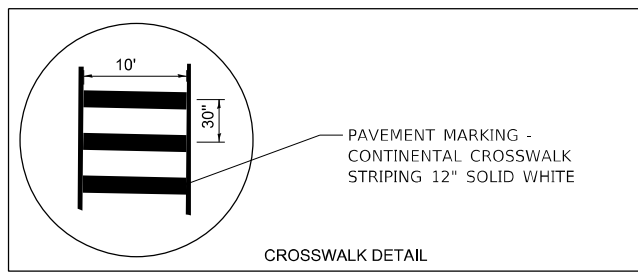
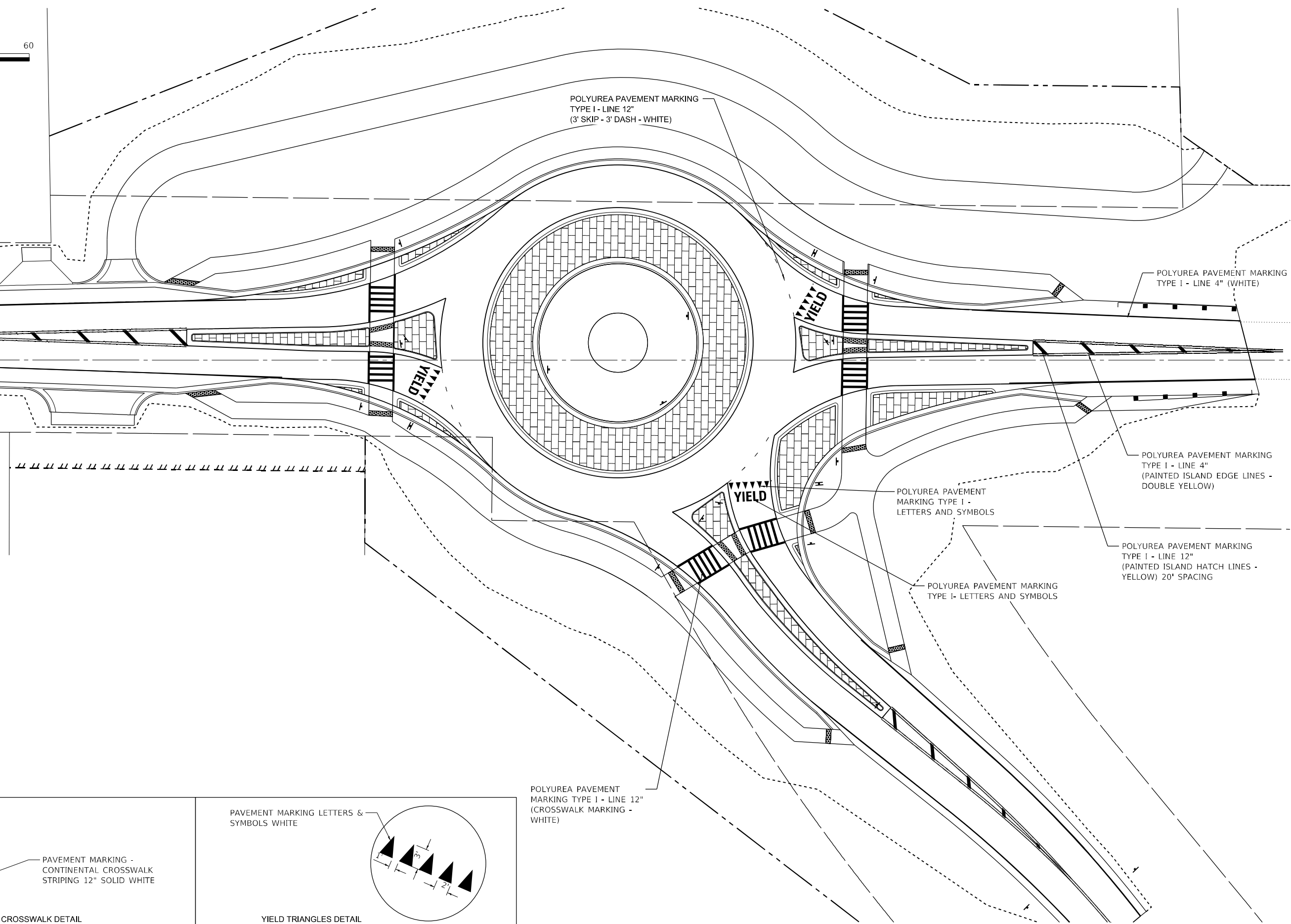
PAVEMENT MARKING PLAN
IL 37

SCALE: 1"=20' SHEET NO 1 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	68
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



MATCHLINE STA 100+59.36 = STA 51+05.21



POLYUREA PAVEMENT MARKING TYPE I - LINE 12" (CROSSWALK MARKING - WHITE)

PRINTED DATE: 8/6/2024
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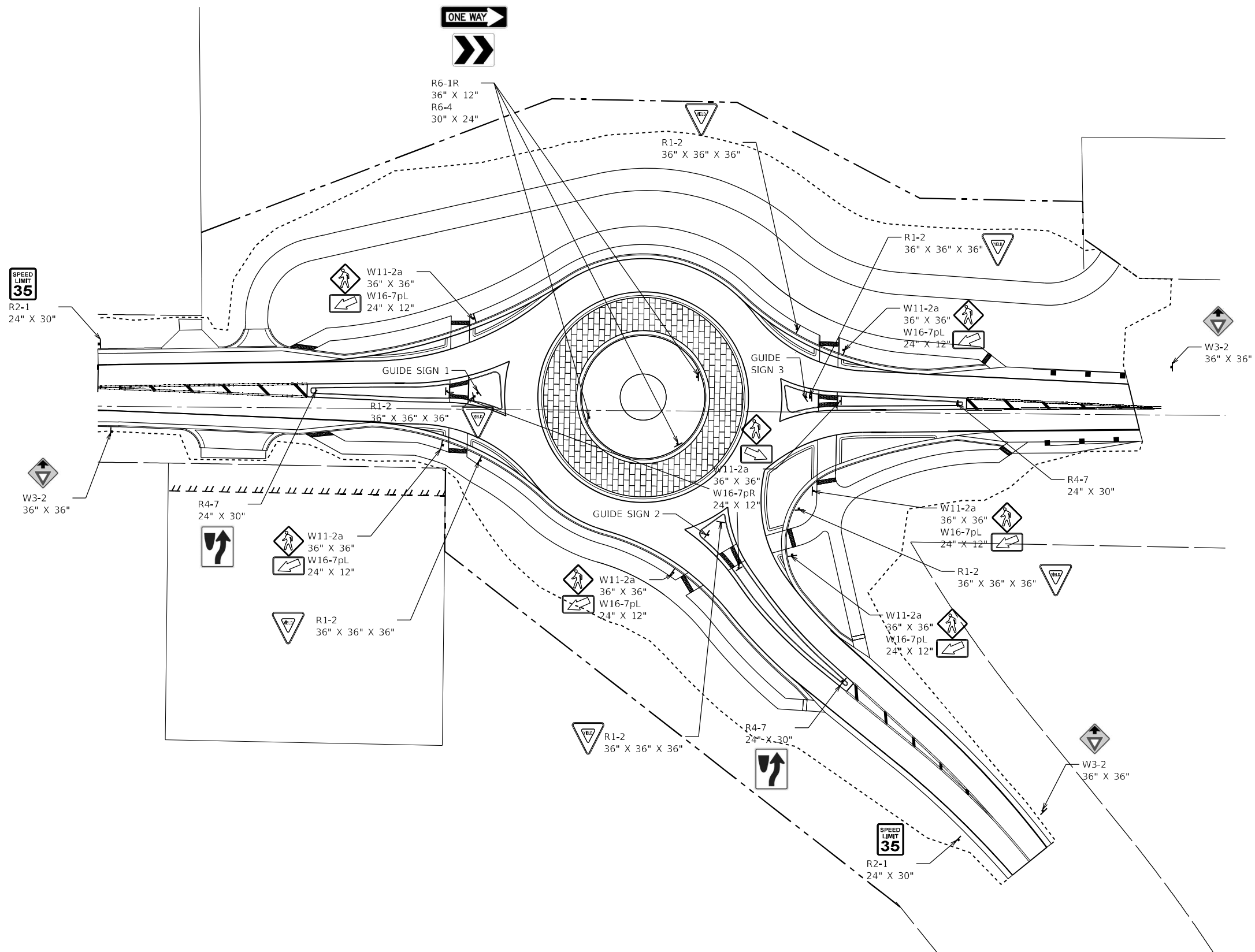
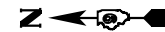
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PLOT DATE = 8/6/2024	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
ROUNDBOUT**

SCALE: 1"=20' SHEET NO 2 OF 2 SHEETS

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO 69
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



LEGEND

R1-2	YIELD
R2-1	SPEED LIMIT (35 MPH)
R4-7	KEEP RIGHT
R6-1	ONE WAY
R6-4	ROUNDBOUT DIRECTIONAL
W3-2	YIELD AHEAD
W11-2a	PEDESTRIAN CROSSING
W16-7pL	DOWN DIAGONAL LEFT SIGNAL
W16-7pR	DOWN DIAGONAL RIGHT SIGNAL

** ALL ROUTE SIGNS, WARNING SIGNS, AND REGULATORY SIGNS SHALL BE AT LEAST 7 FT ABOVE THE LEVEL OF THE PAVEMENT EDGE.

PRINTED DATE: 10/10/2024
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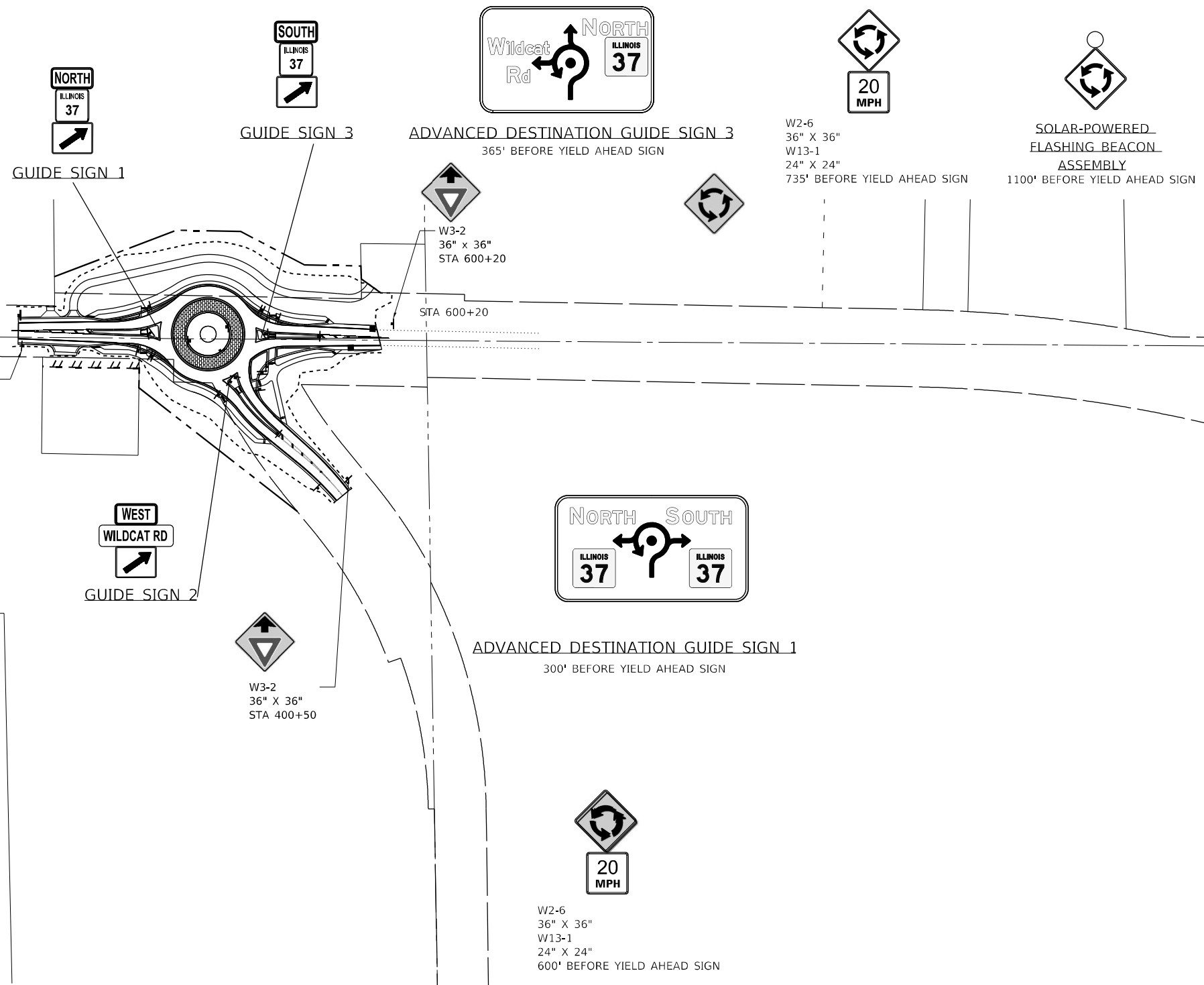
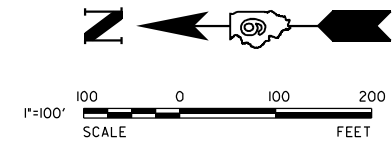


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PLOT DATE = 10/10/2024	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN SHEET
 SCALE: 1"=30' SHEET NO 1 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	70
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



W2-6
36" X 36"
W13-1
24" X 24"
800' BEFORE YIELD AHEAD SIGN

ADVANCED DESTINATION GUIDE SIGN 2
300' BEFORE YIELD AHEAD SIGN

W3-2
36" X 36"
STA 200+60

W3-2
36" X 36"
STA 400+50

W3-2
36" X 36"
STA 600+20

W2-6
36" X 36"
W13-1
24" X 24"
735' BEFORE YIELD AHEAD SIGN

SOLAR-POWERED
FLASHING BEACON
ASSEMBLY
1100' BEFORE YIELD AHEAD SIGN

W2-6
36" X 36"
W13-1
24" X 24"
600' BEFORE YIELD AHEAD SIGN

PRINTED DATE: 8/6/2024
 FILE NAME: J:\C:\Engineering\Projects\Hornor_Shrift\m\PTB_198-034\Work_Order_11\22-869_Ph_2_Roundabout.et IL_37_and Wildcat Rd\CADD\Civil\CADD_Sheets\0978633-ht-sign2.dgn

LEGEND

- W3-2 YIELD AHEAD
- W2-6 ROUNDABOUT CIRCULATION
- W16-12p TRAFFIC CIRCLE
- W13-1 ADVISORY SPEED (20 MPH)

** ALL ROUTE SIGNS, WARNING SIGNS, AND REGULATORY SIGNS SHALL BE AT LEAST 7 FT ABOVE THE LEVEL OF THE PAVEMENT EDGE.



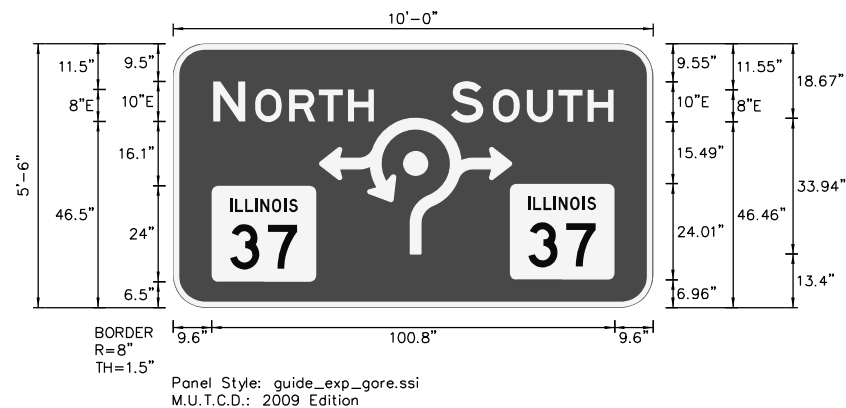
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PLOT DATE = 8/6/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN SHEET

SCALE: 1"=100' SHEET NO 2 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	71
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



D1-5 (120"W X 66"H)

ADVANCED DESTINATION GUIDE SIGN 1

Sign Post Heights:
Left: 18' Right 18.5'



D1-5 (120"W X 66"H)

ADVANCED DESTINATION GUIDE SIGN 2

Sign Post Heights:
Left: 18' Right 18'



D1-5 (120"W X 66"H)

ADVANCED DESTINATION GUIDE SIGN 3

Sign Post Heights:
Left: 18' Right 19'



GUIDE SIGN 1

M3-1 (24"X12")

M1-5 (24"X24")

M6-2 (21"X15")



GUIDE SIGN 2

M3-4 (24"X12")

D3-1 (36"X12")

M6-2 (21"X15")



GUIDE SIGN 3

M3-1 (24"X12")

M1-5 (24"X24")

M6-2 (21"X15")

PRINTED DATE: 8/6/2024
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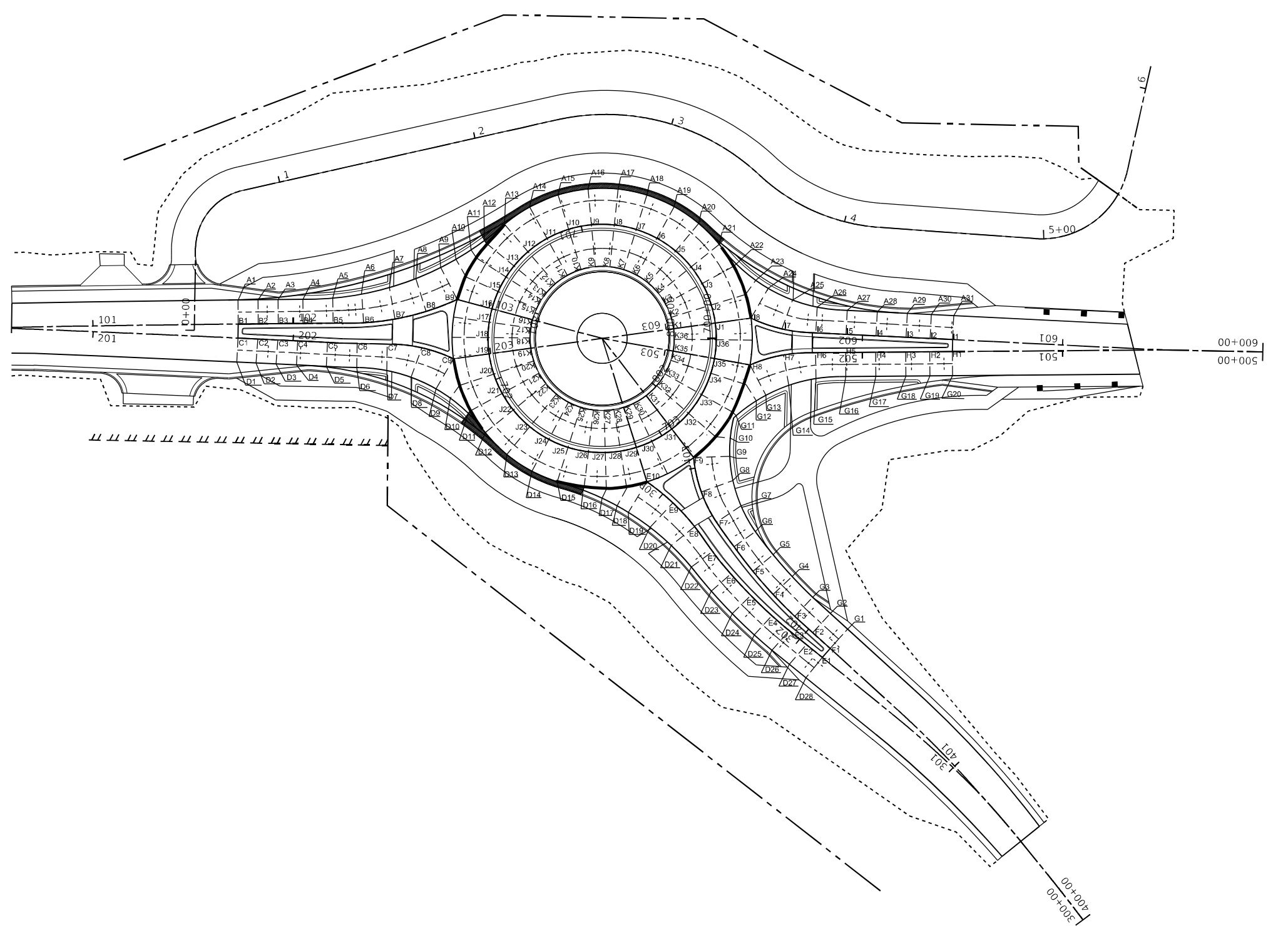
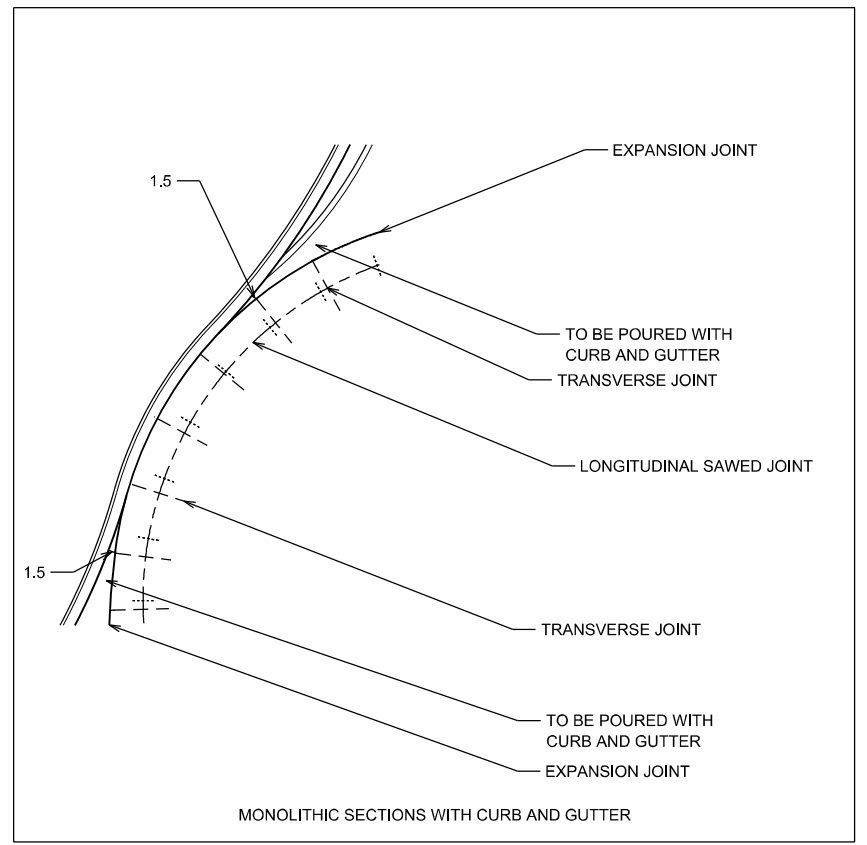
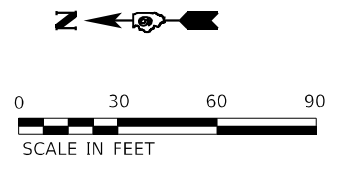
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PLOT DATE = 8/6/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAIL SHEET

SCALE: N/A SHEET NO 1 OF 1 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	72
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				



LEGEND

- TRANSVERSE CONTRACTION JOINT
- LONGITUDINAL SAWED JOINT (SEALED)
- EXPANSION JOINT
- MONOLITHIC SECTIONS WITH CURB AND GUTTER (SEE DETAIL)

NOTE: THE STATIONS AND OFFSETS OF PROPOSED JOINT ENDPOINTS ARE PROVIDED ON SHEET 74

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PLOT SCALE = 60.0000' / in.	DRAWN - PS, AB	REVISED -
PLOT DATE = 9/18/2024	CHECKED - PS, DC	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOINTING DETAIL

SCALE: 1"=30' SHEET NO 1 OF 2 SHEETS

F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	73
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				

PRINTED DATE: 9/18/2024
 FILE NAME: J:\C:\Engineering\Projects\Horner_Shrift\113R-01\Work_Order_1132-869 Ph. 2 Roundabout et. IL 37 and Wildcat Rd\CADD\Civil\CADD_Sheets\0978633-int-pt-joint.dgn

POINT NO.	STA.	OFFSET	ELEV.
A1	101+72.57	12	424.80
A2	101+82.57	12	424.66
A3	101+92.57	12	424.52
A4	102+04.96	12	424.35
A5	102+19.96	12.5	424.13
A6	102+35.16	14.32	423.87
A7	102+51.03	15.96	423.62
A8	102+67.01	17.19	423.37
A9	102+82.65	17.97	423.12
A10	701+50.80	26.08	423.18
A11	701+45.19	22	423.21
A12	701+39.57	19.48	423.23
A13	701+29.91	18	423.31
A14	701+18.28	18	423.43
A15	701+06.52	18	423.54
A16	700+94.91	18	423.66
A17	700+83.53	18	423.77
A18	700+72.33	18	423.89
A19	700+61.00	18	424.00
A20	700+49.73	18	424.11
A21	700+38.54	18	424.22
A22	700+28.96	19.56	424.29
A23	700+20.60	24.97	424.26
A24	602+55.21	17.06	424.19
A25	602+38.03	15.21	424.36
A26	602+23.42	12.9	424.52
A27	602+08.37	12	424.66
A28	601+93.34	12	424.77
A29	601+78.28	12	424.88
A30	601+66.28	12	424.97
A31	601+55.04	12	425.06

POINT NO.	CL 100 STA.	OFFSET	ELEV.
B1	101+72.57	0	425.04
B2	101+82.57	0	424.90
B3	101+92.57	0	424.76
B4	102+04.96	0	424.59
B5	102+19.96	0	424.38
B6	102+35.16	0	424.16
B7	102+51.03	0	423.94
B8	102+67.01	0	423.71
B9	102+83.42	0	423.48

POINT NO.	CL 200 STA.	OFFSET	ELEV.
C1	201+72.41	0	425.05
C2	201+82.38	0	424.91
C3	201+92.38	0	424.77
C4	202+02.23	0	424.64
C5	202+17.22	0	424.43
C6	202+32.07	0	424.22
C7	202+47.07	0	424.01
C8	202+64.49	0	423.76
C9	202+81.20	0	423.53

POINT NO.	STA.	OFFSET	ELEV.
D1	201+72.53	12	424.81
D2	201+82.18	12	424.68
D3	201+92.19	12	424.54
D4	202+02.34	12	424.40
D5	202+17.33	12	424.19
D6	202+32.17	12	423.98
D7	202+47.17	13.17	423.74
D8	202+62.09	15.46	423.49
D9	202+79.58	17.26	423.22
D10	702+00.40	24.48	423.26
D11	702+08.09	19.61	423.30
D12	702+17.73	18	423.33
D13	702+29.37	18	423.39
D14	702+40.82	18	423.47
D15	702+51.27	18	423.55
D16	702+61.41	19.31	423.63
D17	702+68.61	22.76	423.63
D18	702+73.66	26.87	423.59
D19	303+08.75	17.82	423.52
D20	302+93.23	16.75	423.36
D21	302+76.99	15.05	423.20
D22	302+61.89	13.19	423.05
D23	302+47.41	13	422.89
D24	302+32.80	13	422.71
D25	302+18.18	13	422.54
D26	302+07.26	13	422.40
D27	301+96.11	13	422.27
D28	301+85.43	13	422.15

POINT NO.	CL 300 STA.	OFFSET	ELEV.
E1	301+85.42	0	422.41
E2	301+95.59	0	422.53
E3	302+06.70	0	422.66
E4	302+18.13	0	422.80
E5	302+32.75	0	422.97
E6	302+47.37	0	423.15
E7	302+61.84	0	423.32
E8	302+77.15	0	423.50
E9	302+93.23	0	423.69
E10	303+09.86	0	423.89

POINT NO.	CL 400 STA.	OFFSET	ELEV.
F1	401+85.63	0	422.56
F2	401+97.32	0	422.70
F3	402+09.49	0	422.86
F4	402+24.87	0	423.06
F5	402+40.22	0	423.25
F6	402+55.47	0	423.45
F7	402+70.75	0	423.64
F8	402+87.66	0	423.86
F9	403+05.30	0	424.08

POINT NO.	STA.	OFFSET	ELEV.
G1	401+85.63	13	422.30
G2	401+97.32	13	422.44
G3	402+09.49	13	422.60
G4	402+24.87	13	422.80
G5	402+40.22	13	422.99
G6	402+55.47	13	423.19
G7	402+70.75	14.68	423.35
G8	402+87.66	16.76	423.52
G9	403+03.97	18.02	423.73
G10	703+20.48	24.04	424.01
G11	703+28.29	20.17	424.27
G12	703+36.22	26	424.19
G13	502+55.25	17.06	424.15
G14	502+39.41	15.39	424.32
G15	502+23.31	12.89	424.49
G16	502+08.32	12	424.62
G17	501+93.32	12	424.74
G18	501+78.33	12	424.85
G19	501+66.32	12	424.95
G20	501.55.04	12	425.03

POINT NO.	CL 700 STA.	OFFSET	ELEV.	POINT NO.	CL 700 STA.	OFFSET	ELEV.
J1	700+07.73	0	424.89	J19	701+86.81	0	423.89
J2	700+16.98	0	424.80	J20	701+97.19	0	423.78
J3	700+28.59	0	424.68	J21	702+07.70	0	423.68
J4	700+38.54	0	424.58	J22	702+17.73	0	423.59
J5	700+49.73	0	424.47	J23	702+29.37	0	423.70
J6	700+61.00	0	424.36	J24	702+40.84	0	423.81
J7	700+72.33	0	424.25	J25	702+51.28	0	423.91
J8	700+83.53	0	424.13	J26	702+61.72	0	424.02
J9	700+94.91	0	424.02	J27	702+70.19	0	424.10
J10	701+06.52	0	423.90	J28	702+77.88	0	424.17
J11	701+18.28	0	423.79	J29	702+85.86	0	424.25
J12	701+29.91	0	423.67	J30	702+94.24	0	424.33
J13	701+39.88	0	423.59	J31	703+05.98	0	424.44
J14	701+46.62	0	423.66	J32	703+17.41	0	424.56
J15	701+54.95	0	423.75	J33	703+28.87	0	424.67
J16	701+64.12	0	423.84	J34	703+40.44	0	424.78
J17	701+70.91	0	423.91	J35	703+48.07	0	424.85
J18	701+78.67	0	423.97	J36	703+57.46	0	424.94

POINT NO.	CL 800 STA.	OFFSET	ELEV.	POINT NO.	CL 800 STA.	OFFSET	ELEV.
K1	800+04.89	0	425.52	K19	801+17.98	0	424.53
K2	800+10.72	0	425.42	K20	801+24.54	0	424.42
K3	800+18.06	0	425.31	K21	801+31.18	0	424.32
K4	800+24.34	0	425.21	K22	801+37.51	0	424.23
K5	800+31.41	0	425.10	K23	801+44.87	0	424.34
K6	800+38.53	0	424.99	K24	801+52.11	0	424.45
K7	800+45.68	0	424.88	K25	801+58.70	0	424.56
K8	800+52.76	0	424.77	K26	801+65.30	0	424.66
K9	800+59.94	0	424.66	K27	801+70.64	0	424.74
K10	800+67.27	0	424.54	K28	801+75.51	0	424.81
K11	800+74.70	0	424.43	K29	801+80.54	0	424.89
K12	800+82.05	0	424.31	K30	801+85.81	0	424.97
K13	800+88.35	0	424.23	K31	801+93.28	0	425.09
K14	800+92.60	0	424.30	K32	802+00.47	0	425.20
K15	800+97.86	0	424.39	K33	802+07.70	0	425.31
K16	801+03.66	0	424.48	K34	802+15.01	0	425.42
K17	801+07.95	0	424.54	K35	802+19.84	0	425.49
K18	801+12.85	0	424.61	K36	802+25.77	0	425.59

POINT NO.	CL 500 STA.	OFFSET	ELEV.
H1	501+55.04	0	425.27
H2	501+66.32	0	425.19
H3	501+78.33	0	425.09
H4	501+93.32	0	424.98
H5	502+08.32	0	424.86
H6	502+23.31	0	424.75
H7	502+39.41	0	424.63
H8	502+56.93	0	424.49

POINT NO.	CL 600 STA.	OFFSET	ELEV.
I1	601+54.96	0	425.30
I2	601+66.19	0	425.21
I3	601+78.20	0	425.12
I4	601+93.26	0	425.01
I5	602+08.29	0	424.90
I6	602+23.33	0	424.78
I7	602+40.47	0	424.66
I8	602+56.84	0	424.53



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING DETAIL

SCALE: N/A SHEET NO 2 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	74
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				

LEGEND

-  PROPOSED ELECTRIC SERVICE, 120/240V.
-  PROPOSED LIGHTING CONTROLLER, 240V, 60A.
-  PROPOSED LIGHTING UNIT, LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION F, 30 FT ALUMINUM POLE, 12 FT DAVIT ARM, METAL FOUNDATION, BREAKAWAY COUPLINGS WITH SS SCREEN
-  PROPOSED UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE. (UNLESS STATED OTHERWISE)
-  PROPOSED COILABLE NONMETALLIC CONDUIT 2" DIA. LENGTH AS NOTED

SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC, 2" DIA.	FOOT	286
81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	1,294
82110006	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION F	EACH	11
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1
83000500	LIGHT POLE, ALUMINUM, 30 FT. M.H., 12 FT. DAVIT ARM	EACH	11
83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	11
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	44

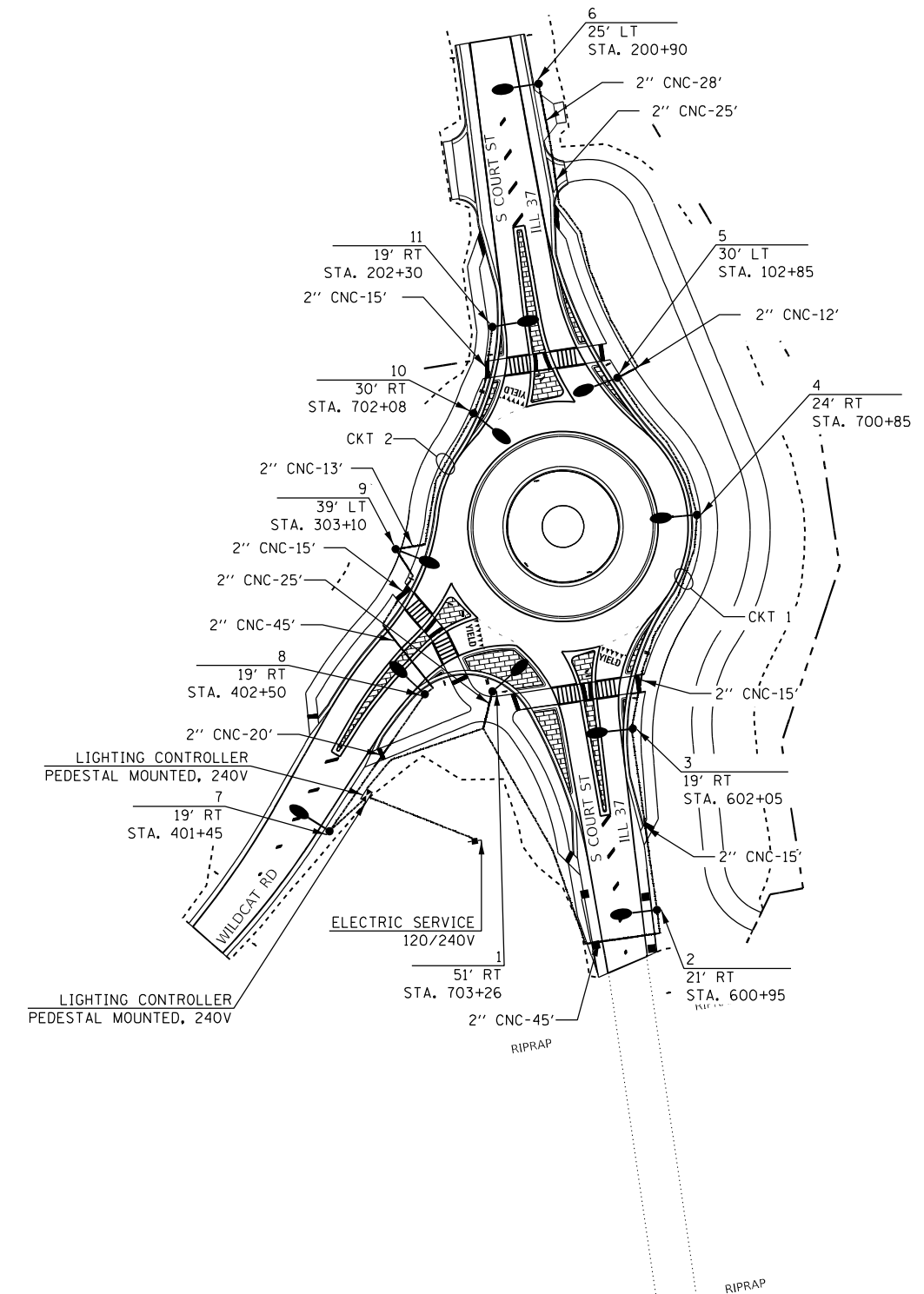
INDEX OF SHEETS

- E1 INDEX OF SHEETS, LEGEND, AND SUMMARY OF QUANTITIES
- E2 PROPOSED LIGHTING PLAN WILDCAT RD. AND S. COURT ST.
- E3 WIRING DIAGRAM AND LUMINAIRE PERFORMANCE TABLE

E1

PRINTED DATE: 8/9/2024
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PLOT DATE = 8/9/2024	DATE -	REVISED -			ILLINOIS FEDERAL AID PROJECT				
			SCALE: N/A	SHEET NO 1 OF 3 SHEETS					



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PLOT DATE = 8/6/2024		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

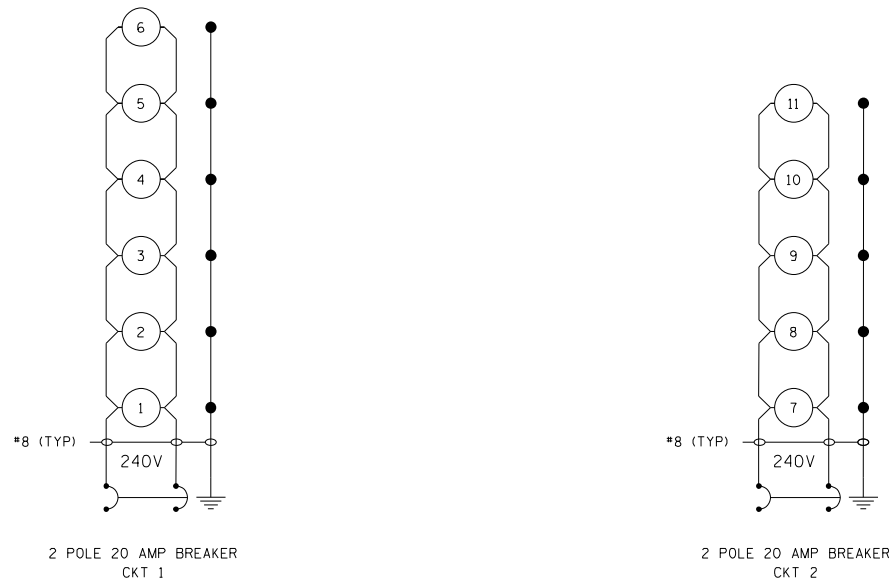
PROPOSED LIGHTING PLAN
WILDCAT RD. & S. COURT ST.

SHEET NO 2 OF 3 SHEETS

F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	76
CONTRACT NO 78633			ILLINOIS FEDERAL AID PROJECT	

E2

PRINTED DATE: 8/6/2024
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WILDCAT RD. AND IL-37

PROPOSED LIGHTING CONTROLLER,
PEDESTAL MOUNTED, 240V, 60AMP

LEGEND:

- 1 PROPOSED LIGHTING UNIT
- GROUND ROD

NOTES:

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

Project

Date	Contract Number	Section Number	County
12/01/22	78633	113R-1	WILLIAMSON
Marked Route Number		Municipality	
IL-37		MARION	

Roadway

Lane Width	#of Lanes	Median Width	I.E.S Surface Classification	O-Zero Value
16 FT	1	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set Back	Number of Luminaires (Highmast & Sign Lighting Only)
30 FT	12 FT	15 FT	N/A

Luminaire

Description	I.E.S. Lateral Distribution	I.E.S. Vertical Distribution
ROADWAY, OUTPUT DESIGNATION F	TYPE III	MEDIUM
Total Light Loss Factor (LLF)	BUG Rating	Shields
0.700	U = 0	N/A
		Dimming Protocol
		0-10V

Layout

Spacing (to Nearest 5 Ft) Configuration (Opposite, Staggered, 1 Sided, or Median)
175 FT SINGLE SIDED

Performance

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}		
0.9	3.0		
Average Luminance, L_{AVE} (cd/m ²)	Uniformity Ratio, L_{AVE}/L_{MIN}	Uniformity Ratio, L_{MAX}/L_{MIN}	Veiling Luminance Ratio, L_v/L_{MIN}
N/A	N/A	N/A	0.3:1

Light Trespass

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, E	Max. Vertical Illuminance at ROW, E
N/A	N/A	N/A

Notes

1. Set Back is from Edge of Pavement (white line) except for sign luminaires when it is vertical and horizontal distance from the sign to the luminaire.
2. Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to roadway.
3. Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.
4. Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions above.

PHOTOMETRIC CALCULATIONS TO BE PERFORMED IN ONE DIRECTION ONLY.
COMPLIANCE WITH PERFORMANCE CRITERIA SHALL BE HELD TO ONE SIGNIFICANT DIGIT.

LUMINAIRE PERFORMANCE TABLE

WILDCAT RD. AND IL-37



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PLOT DATE = 8/6/2024	DATE -	REVISED -

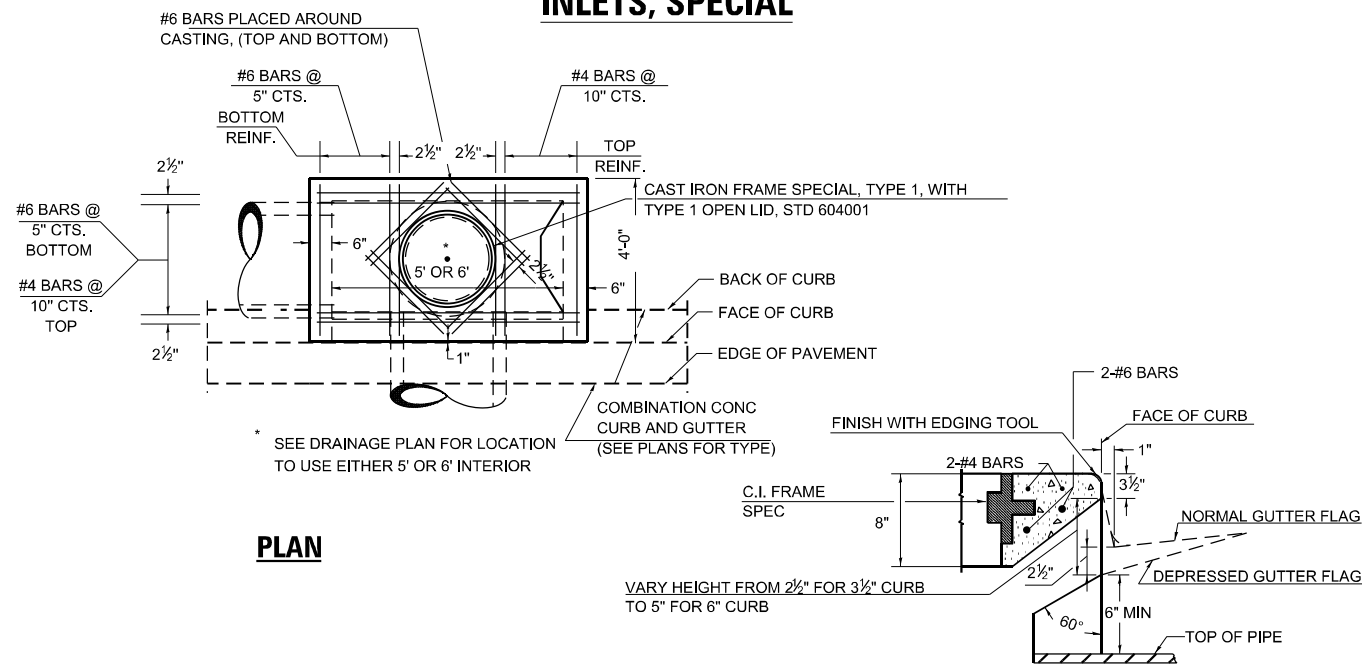
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WIRING DIAGRAM AND LUMINAIRE PERFORMANCE TABLE

SHEET NO 3 OF 3 SHEETS

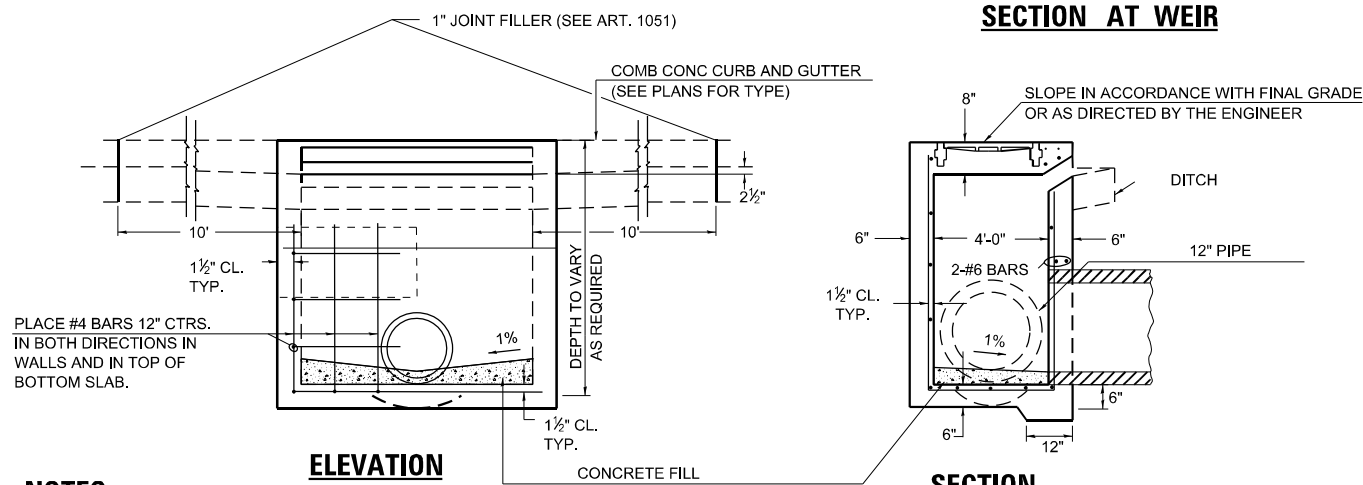
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	77
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				

INLETS, SPECIAL



PLAN

SECTION AT WEIR



ELEVATION

SECTION

NOTES:

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

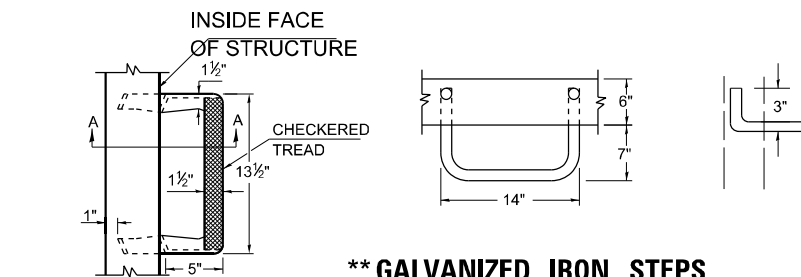
GUTTER FLOWLINE AT INLET 2 1/2" BELOW NORMAL GUTTER FLOWLINE. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR **INLETS, SPECIAL** WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING SECTIONS 602 AND 1042.

** STEPS WILL BE REQUIRED AT 12" SPACING WHEN INLET IS OVER 4' DEEP. SEE ARTICLE 602.08 AND DETAILS

CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 1006.14

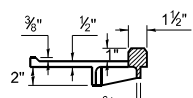


**** GALVANIZED IRON STEPS**

1" ROUND GALVANIZED IRON STEPS 12" O.C. (OPTIONAL STEPS)

**** CAST IRON STEPS**

TREAD DIMENSION DETAILS SEE HWY STD 602701

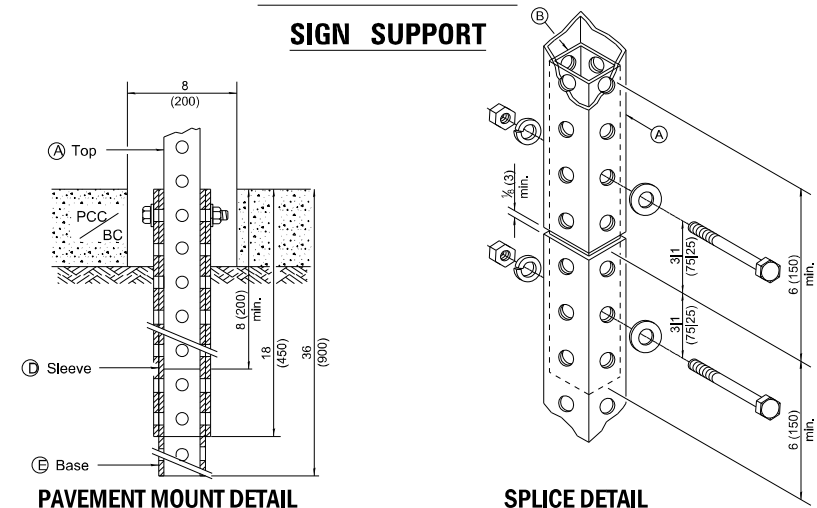


SEC. A-A

DRAWN	02-15-89
REVISED	03-26-08
REVISED	10-21-21
REVISED	05-03-22
REVISED	01.31.2023

STD. 9-07_SPECIAL

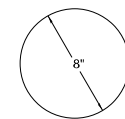
TELESCOPING STEEL SIGN SUPPORT



PAVEMENT MOUNT DETAIL

SPLICE DETAIL

Core*
Diameter / Depth



(A)	2 x 2 x var. (51 x 51 var.)
(B)	1 1/2 x 1 1/2 x 12 (44 x 44 x 300)
(C)	2 1/4 x 2 1/4 x 60 (57 x 57 x 1500)
(D)	2 1/2 x 2 1/2 x 18 (64 x 64 x 450)
(E)	2 1/4 x 2 1/4 x 36 (57 x 57 x 900)

GENERAL NOTES

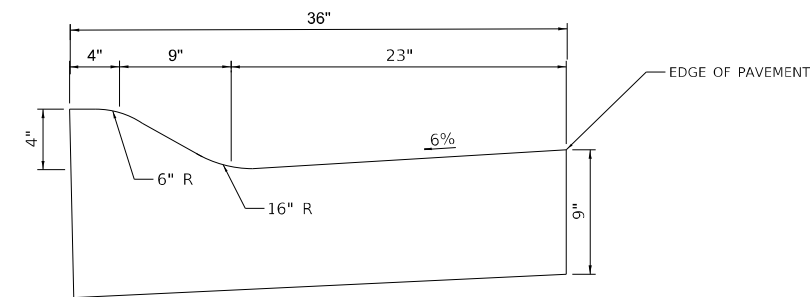
All bolts 3/8" (M10) hex head zinc or cadmium plated.

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

DRAWN	11/22/2022
REVISED	
REVISED	
REVISED	

*The cost of the core is to be included in the cost of the telescoping steel sign support.

STD. 9-29



COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)

NOT TO SCALE

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DATE	-

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REVISED	-

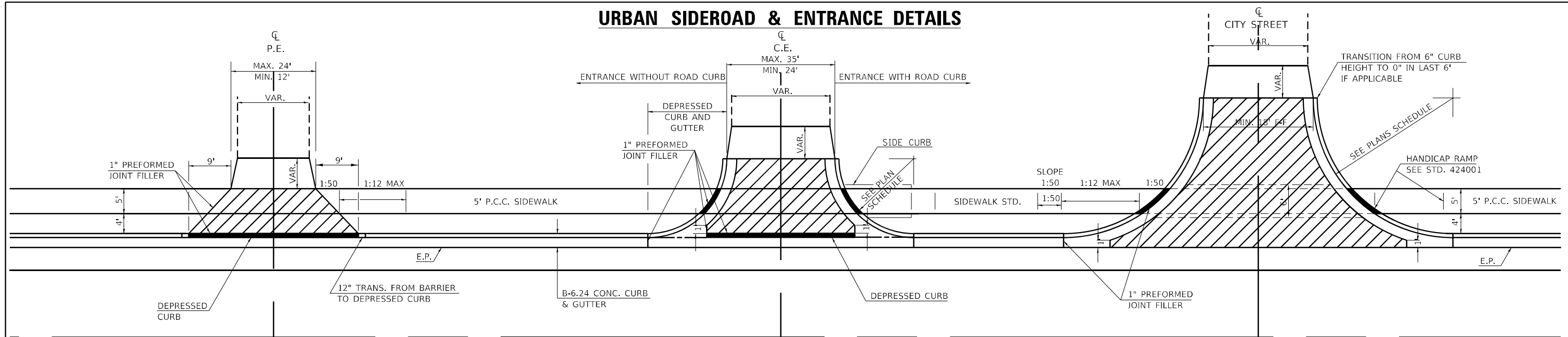
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL SHEET: DISTRICT 9 INLET SPECIAL, TELESCOPING SIGN SUPPORT, AND CC&G TYPE M (SPECIAL)

SCALE: N/A SHEET NO 1 OF 1 SHEET

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	81
			CONTRACT NO 78633	
ILLINOIS FEDERAL AID PROJECT				

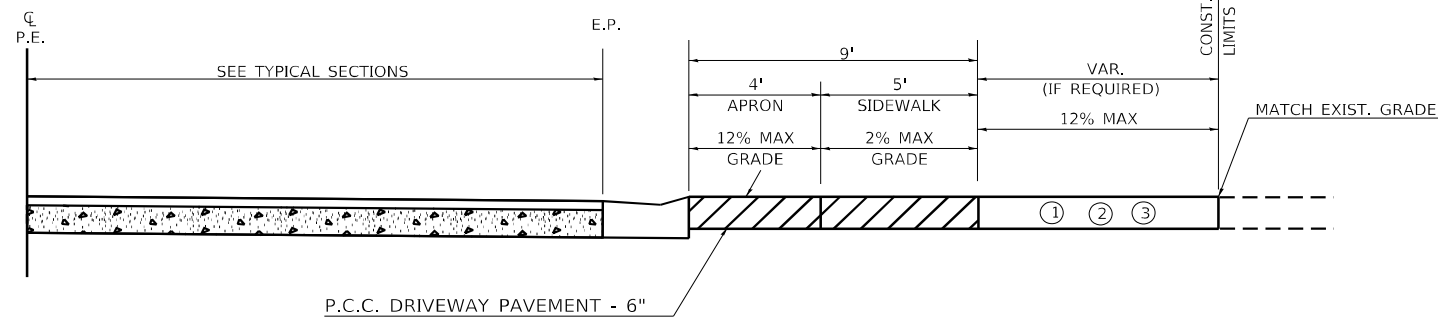
URBAN SIDEROAD & ENTRANCE DETAILS



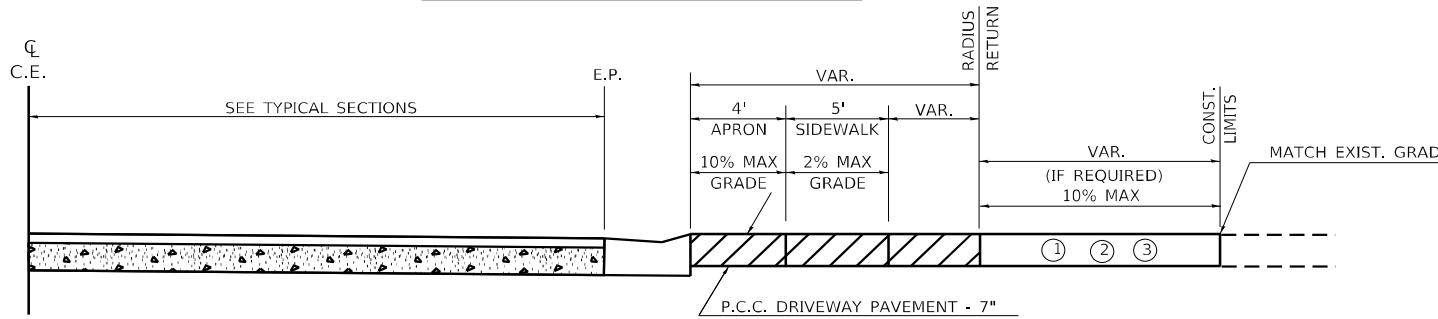
DETAILS PRIVATE ENTRANCE

DETAILS COMMERCIAL ENTRANCE

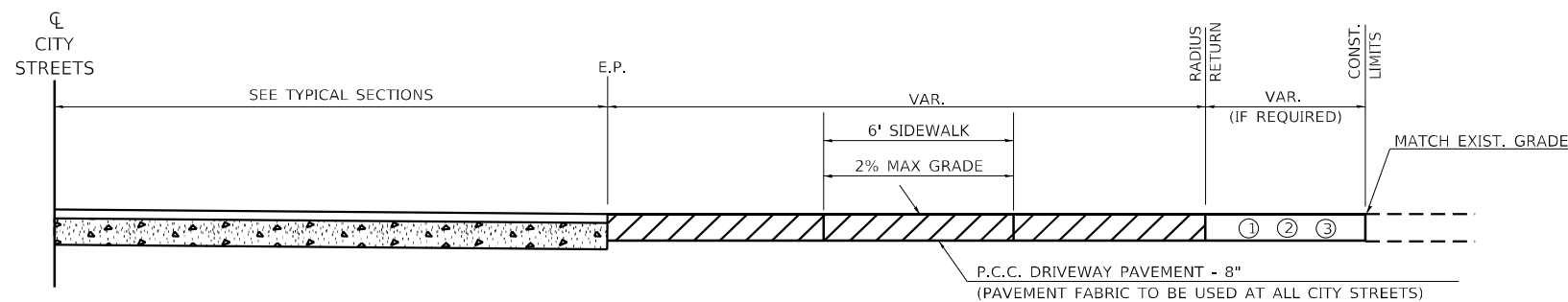
DETAILS CITY STREETS



PROFILE OF PRIVATE ENTRANCES



PROFILE OF COMMERCIAL ENTRANCES



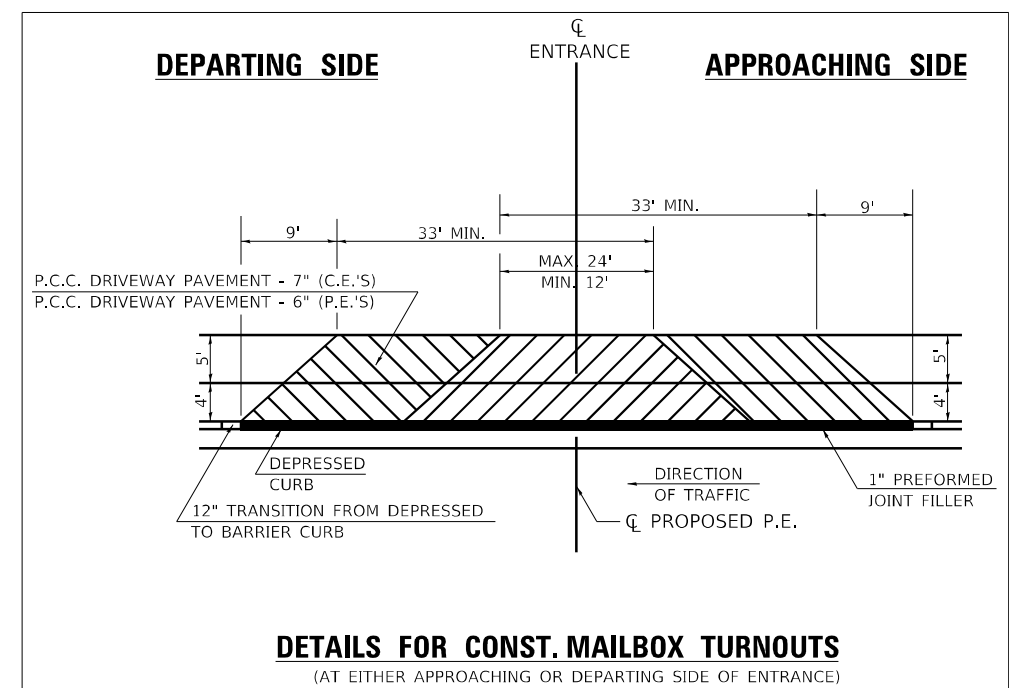
PROFILE OF CITY STREETS

GENERAL NOTES

1. SEE PLAN SCHEDULES FOR DIMENSIONS AND QUANTITIES.
2. SEE CROSS SECTIONS FOR PROPOSED PROFILE OF SIDEROAD AND ENTRANCES.
3. IN GENERAL, WIDTH TRANSITION TAPER RATES ARE TO BE 5:1 FOR ENTRANCES, AND 10:1 FOR CITY STREETS.
4. THE SAWING OF ALL JOINTS IN PCC DRIVEWAY PAVEMENT AT ALL LOCATIONS DESIGNATED BY THE ENGINEER, SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PCC DRIVEWAY PAVEMENT.
5. THE SIDEWALK AREA OF THE DRIVEWAY PAVEMENT SHALL BE CONSTRUCTED AS A SEPARATE POUR.

LEGEND

- ① EXISTING AGGREGATE SURFACE:
CONSTRUCT AGGREGATE SURFACE CSE, TYPE A WEDGE TO MATCH EXISTING GRADE. USE 6" MIN. (8" MIN. FOR CITY STREETS) THICKNESS FOR ANY REQUIRED WIDENING.
- ② EXISTING BITUMINOUS SURFACE:
USE 2" MIN. BITUMINOUS RESURFACING ON 4" MIN. AGGREGATE BASE COURSE.
- ③ EXISTING CONCRETE SURFACE:
P.C.C. DRIVEWAY PAVEMENT 6" P.E.'S
P.C.C. DRIVEWAY PAVEMENT 7" C.E.'S
P.C.C. DRIVEWAY PAVEMENT 8" CITY STREETS (6" MIN. FOR CITY STREETS)



DETAILS FOR CONST. MAILBOX TURNOUTS

(AT EITHER APPROACHING OR DEPARTING SIDE OF ENTRANCE)

REVISIONS	
DRAWN	10-22-90
REVISED	9-6-91
REVISED	10-21-91
RESIZED	5-8-08
REVISED	03-26-13
REVISED	08-21-19
REVISED	10-21-21

STD. 9-84

PRINTED DATE: 8/6/2024
 FILE NAME: J:\C:\Engineering\Projects\Hornor_Shrf\m\PTB_198-034\Work_Order_11\22-869_Ph_2_Roundabout.et.il_37_and_Wildcat_Red\CADD\Civil\CADD_Sheets\0978633-ent-details.dgn



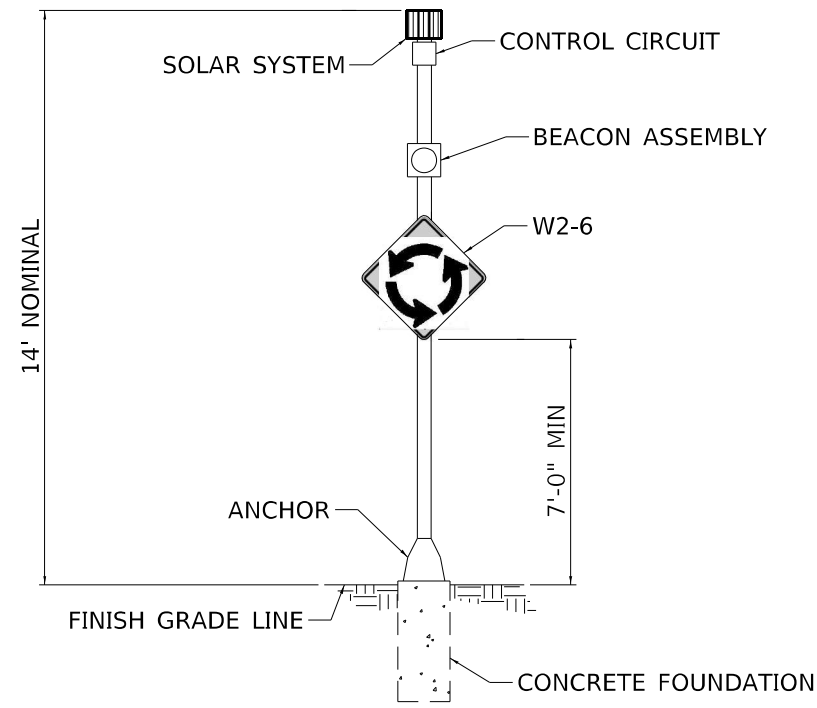
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PLOT SCALE = 2.0000' / in.	DRAWN - PS, AB	REVISED -
PLOT DATE = 8/6/2024	CHECKED - PS, DC	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

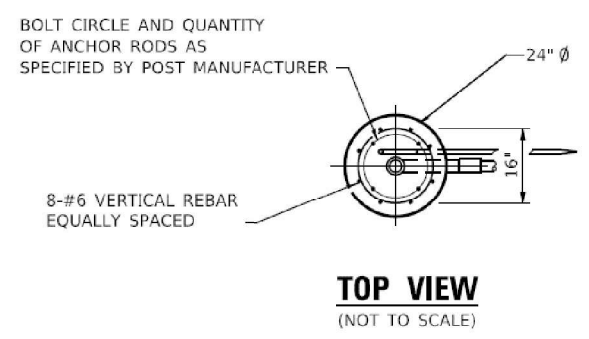
DETAIL SHEET: DISTRICT 9 ENTRANCE DETAIL

SCALE: N/A SHEET NO 1 OF 1 SHEET

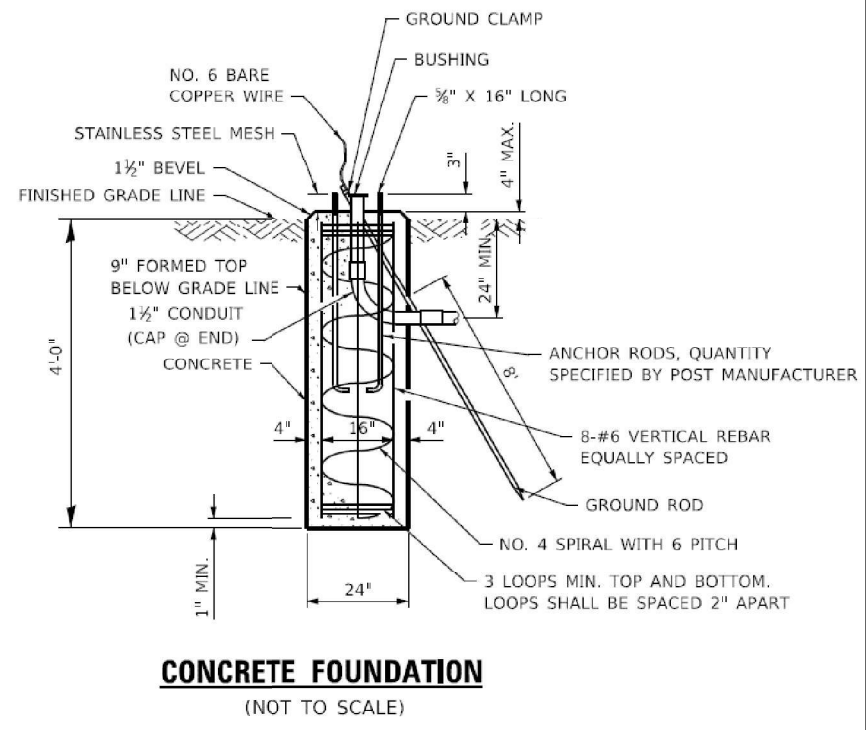
F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2887	113R-1	WILLIAMSON	486	82
CONTRACT NO 78633			ILLINOIS FEDERAL AID PROJECT	



**SOLAR-POWERED FLASHING
BEACON ASSEMBLY (COMPLETE)**
(NOT TO SCALE)



- NOTES:
1. SEE SPECIAL PROVISION FOR SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE).
 2. CONCRETE FOUNDATIONS, CONTROL CIRCUITS, ETC SHALL BE INCLUDED IN THE COST OF THE ENTIRE ASSEMBLY. SIGN PANELS ARE TO BE PAID FOR SEPARATELY.
 3. POST AND FOUNDATION SHALL BE ACCORDING TO ARTICLE 1077.01 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 4. FOUNDATIONS SHALL BE PLACED ADJACENT TO THE EDGE OF SIDEWALK AT THE STATIONS INDICATED ON THE PLANS.



PRINTED DATE: 8/6/2024
 FILE NAME: J:\C:\Engineering\Projects\Horne_Shrift\PTB_198-034\Work_Order_11\22-869_Ph_2_Roundabout.et.il_37_and_Wildcat_Red\CADD\Civil\CADD_Sheets\0978633-ht-details.dgn



USER NAME = untitled	DESIGNED - PS	REVISED -
DRAWN - PS, AB	REVISIONS -	
PLOT SCALE = 2.0000' / in.	CHECKED - PS, DC	REVISED -
PLOT DATE = 8/6/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAIL SHEET: SOLAR-POWERED FLASHING BEACON ASSEMBLY

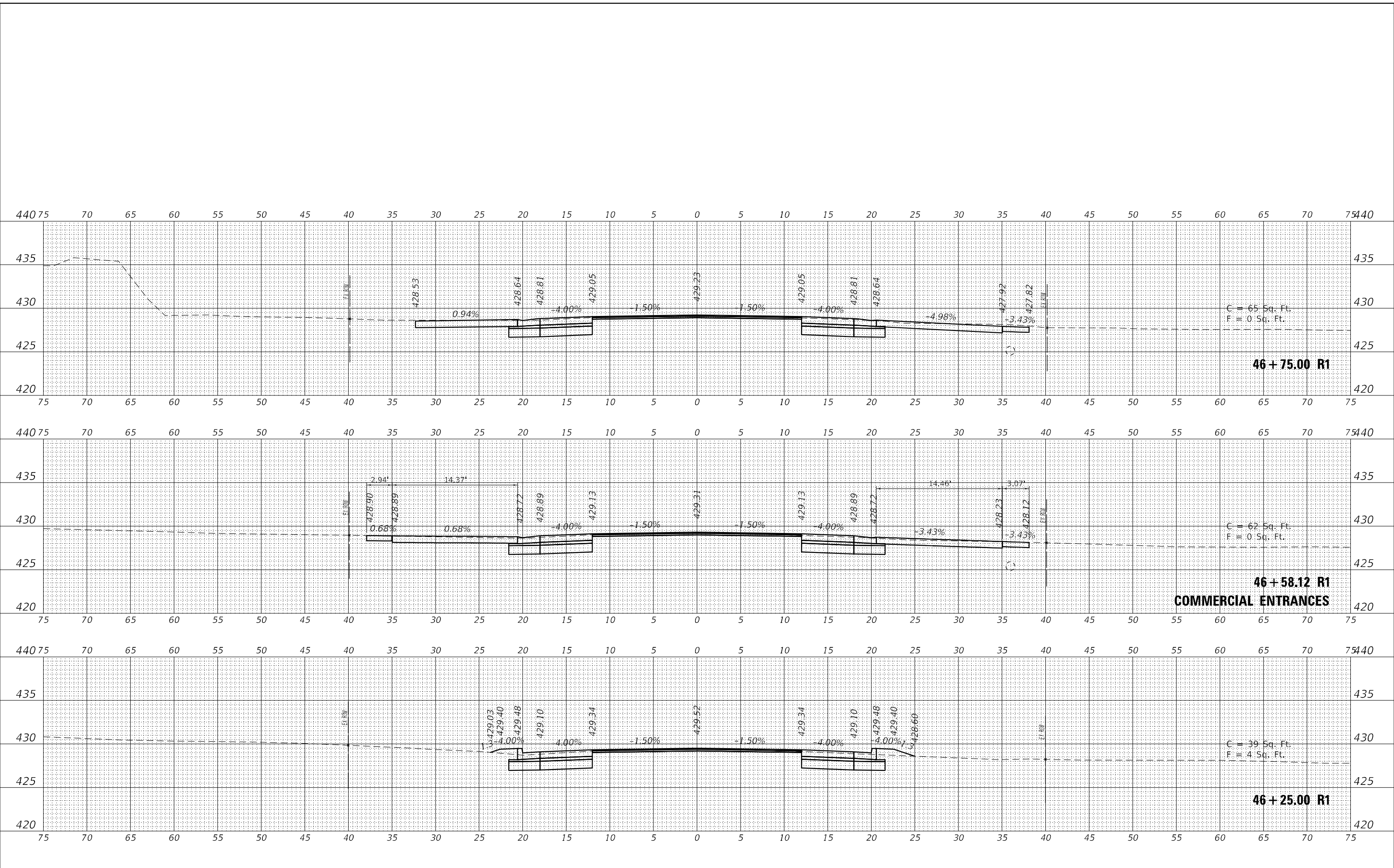
SCALE: N/A SHEET NO 1 OF 1 SHEET

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	83
CONTRACT NO 78633				
ILLINOIS FEDERAL AID PROJECT				

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

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

MODEL: S:\MODEL\NAME'S
 FILE NAME: J:\CADD\Engineering\Projects\Illinois - Shift\113R-031\Work Order 113R-2489 Ph 2 Roundabout at IL 37 and Wilcat Rd\CADD\Civil\CADD Drawings\0978633-01Resurfacing.dgn



USER NAME = untitled	DESIGNED - _____	REVISED - _____
PLOT SCALE = 10,0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/6/2024	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

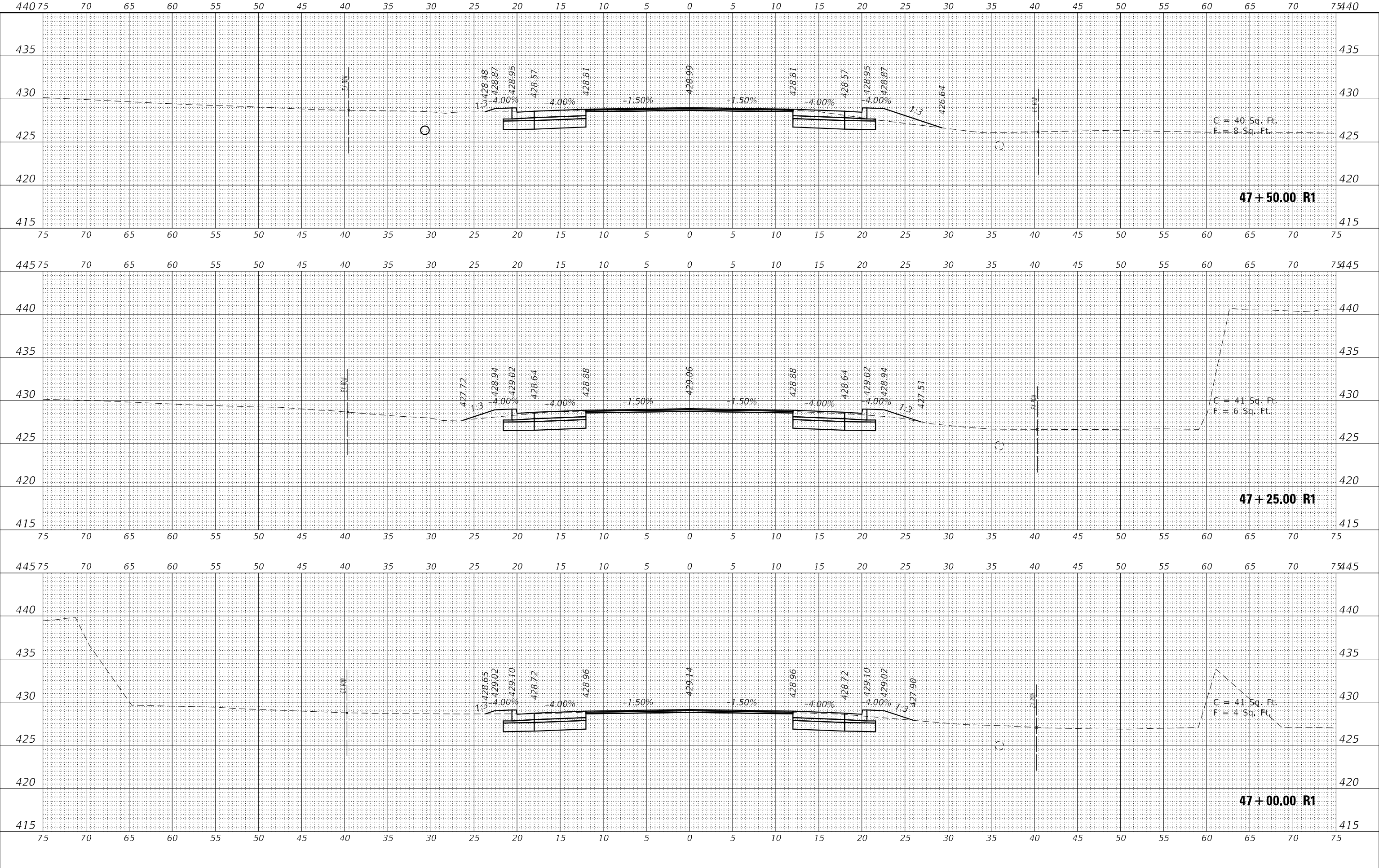
CROSS SECTIONS		
IL 37		
SCALE: 1"=5'	SHEET 1 OF 7 SHEETS	STA. 46+25.00 R1 TO STA. 46+75.00 R1

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO. 84
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78633	

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

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

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PLOT SCALE = 10,0006 * / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/6/2024	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

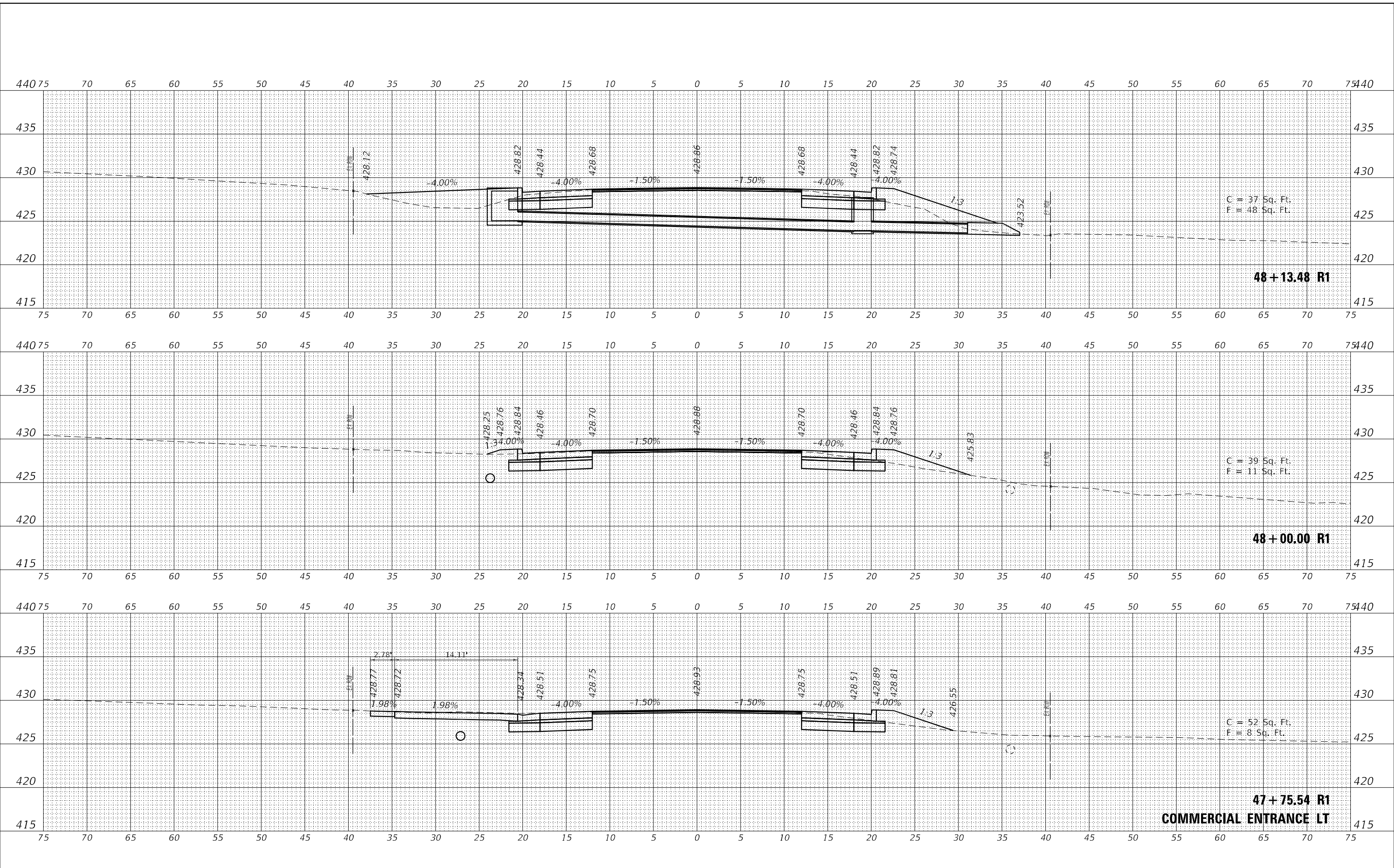
CROSS SECTIONS		
IL 37		
SCALE: 1"=5'	SHEET 2	OF 7 SHEETS
STA. 47+00.00 R1 TO STA. 47+50.00 R1		

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO. 85
CONTRACT NO. 78633			ILLINOIS FED. AID PROJECT	

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

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

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USER NAME = untitled	DESIGNED - _____	REVISED - _____
PLOT SCALE = 10,0006 * / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/6/2024	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

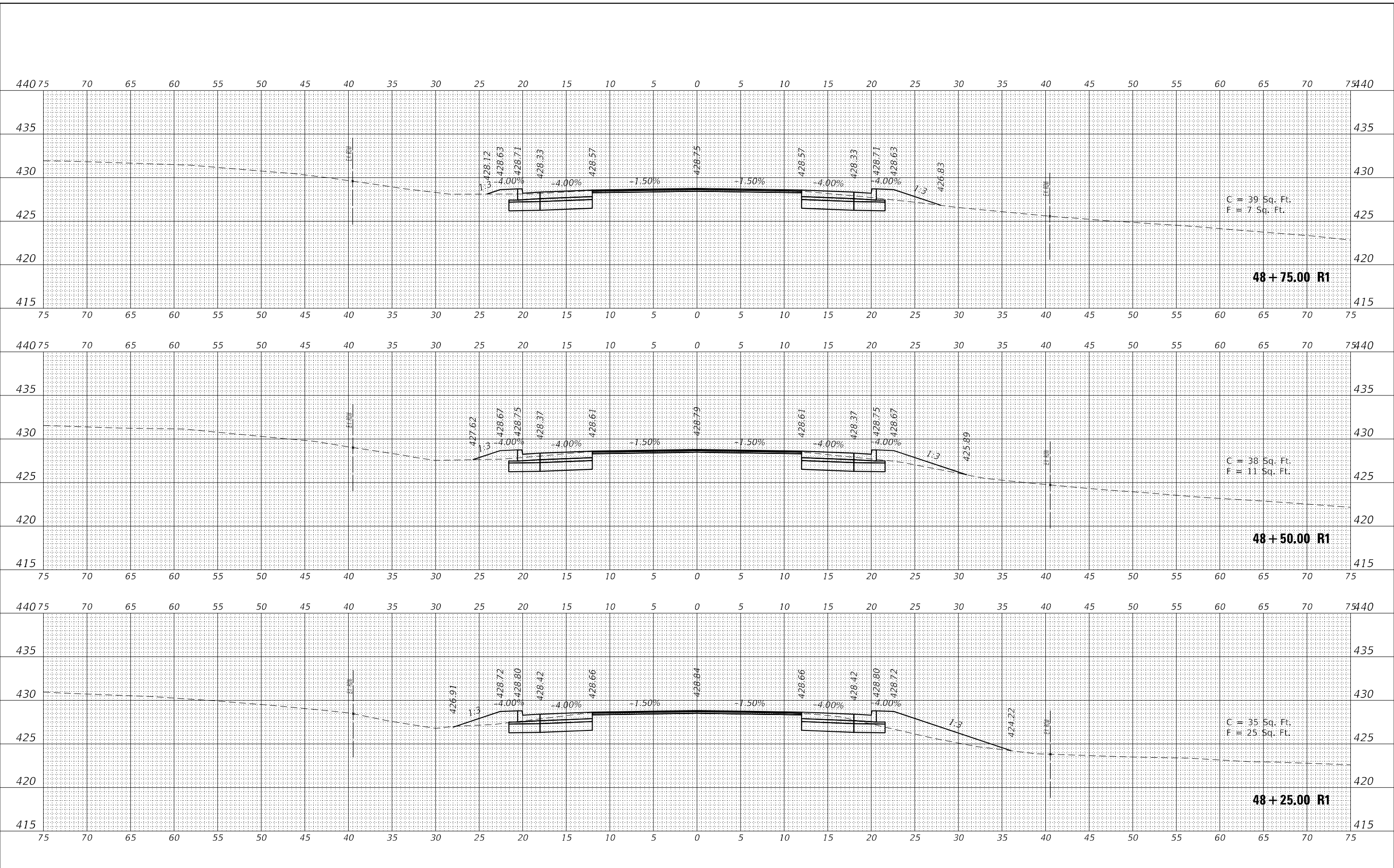
CROSS SECTIONS		
IL 37		
SCALE: 1"=5'	SHEET 3	OF 7 SHEETS
STA. 47+75.54 R1 TO STA. 48+13.48 R1		

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO. 86
CONTRACT NO. 78633			ILLINOIS FED. AID PROJECT	

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

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

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USER NAME = untitled	DESIGNED - _____	REVISED - _____
PLOT SCALE = 10,0006 * / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/6/2024	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

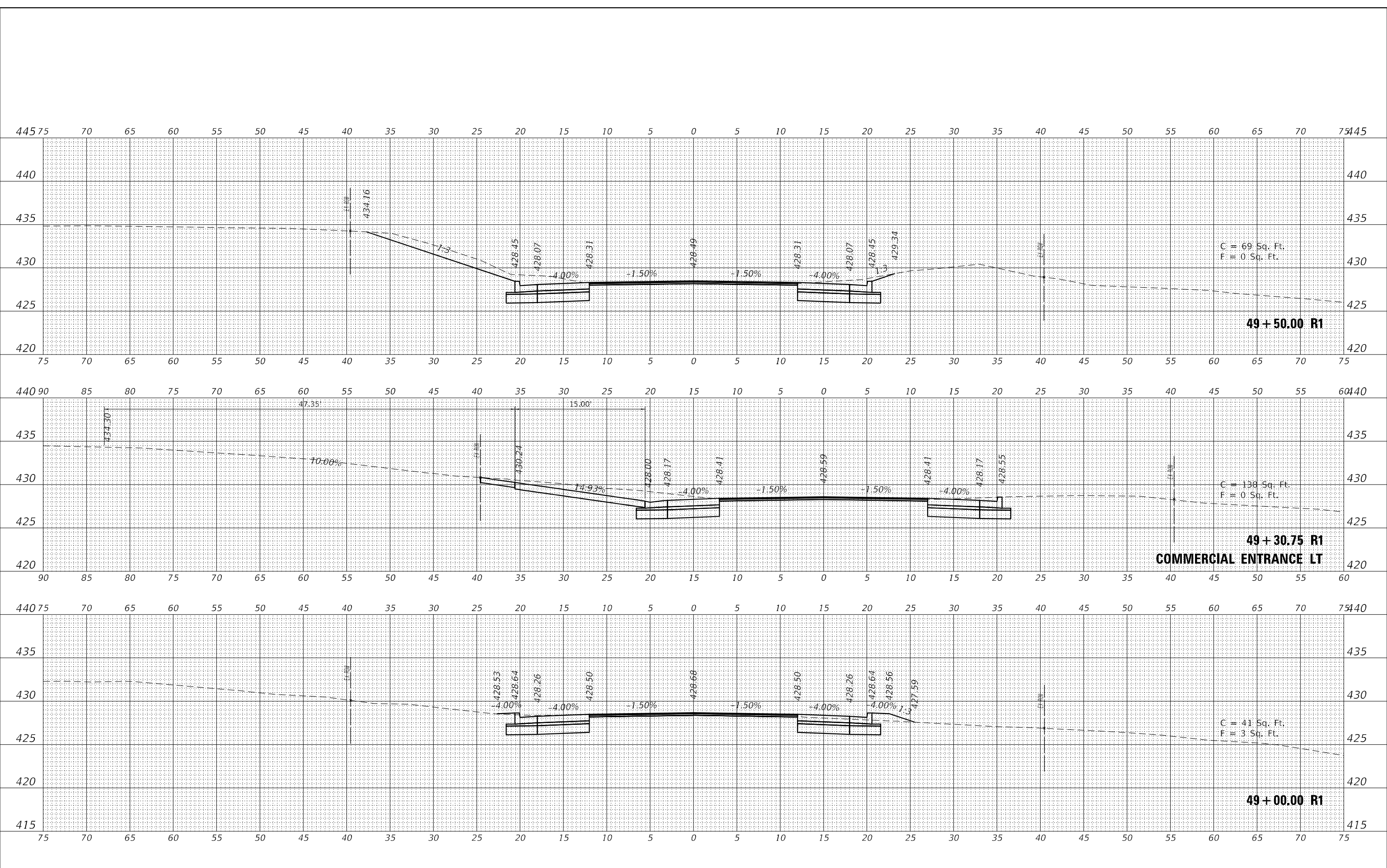
CROSS SECTIONS		
IL 37		
SCALE: 1"=5'	SHEET 4 OF 7 SHEETS	STA. 48+25.00 R1 TO STA. 48+75.00 R1

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO. 87
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78633	

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

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

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USER NAME = untitled	DESIGNED - _____	REVISED - _____
PLOT SCALE = 10,0006 * / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/6/2024	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

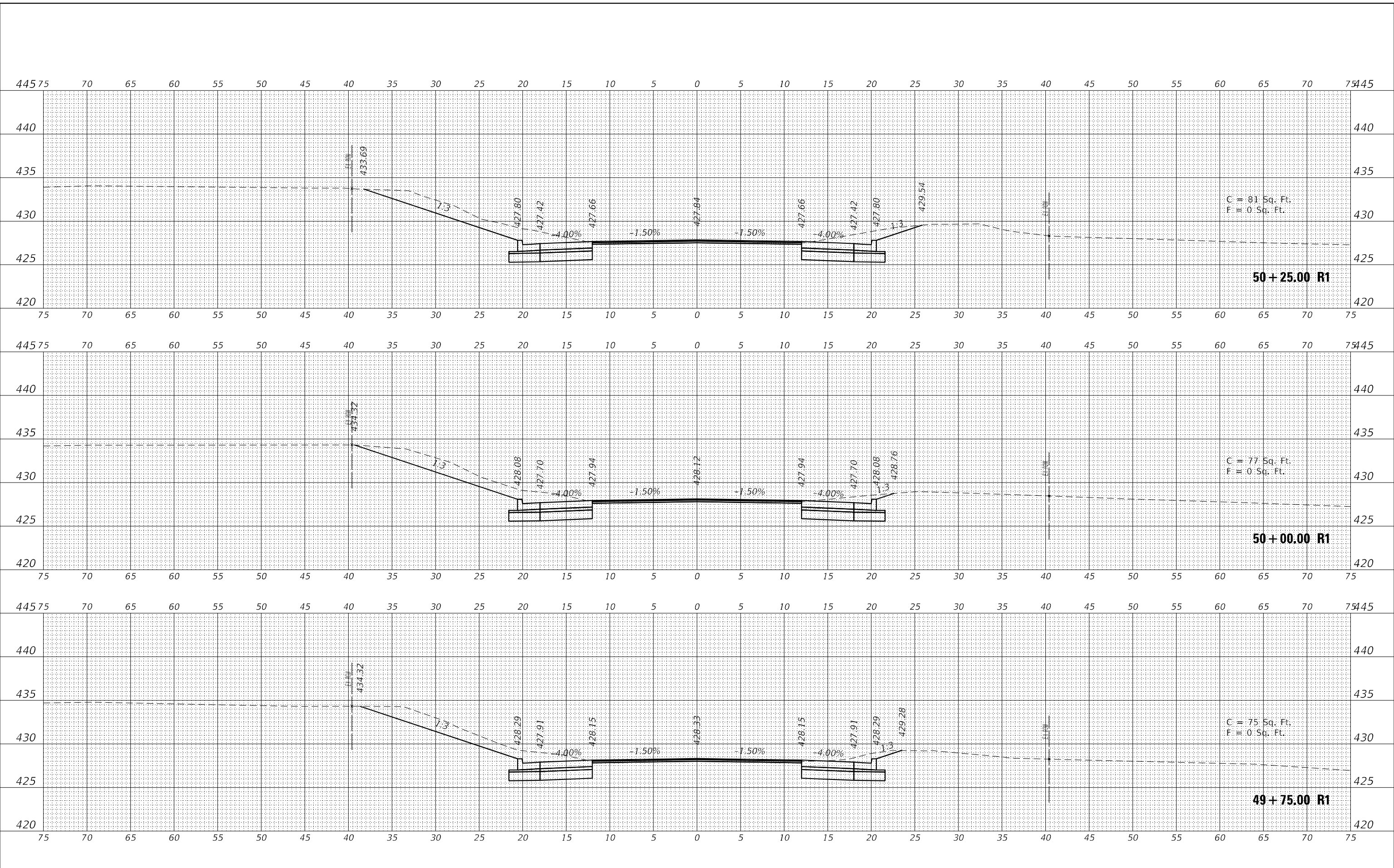
CROSS SECTIONS		
IL 37		
SCALE: 1"=5'	SHEET 5	OF 7 SHEETS
STA. 49+00.00 R1 TO STA. 49+50.00 R1		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	88
CONTRACT NO. 78633				
ILLINOIS		FED. AID PROJECT		

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

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

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C = 81 Sq. Ft.
 F = 0 Sq. Ft.

50+25.00 R1

C = 77 Sq. Ft.
 F = 0 Sq. Ft.

50+00.00 R1

C = 75 Sq. Ft.
 F = 0 Sq. Ft.

49+75.00 R1

USER NAME = untitled	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 10,0006 * / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 8/6/2024	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

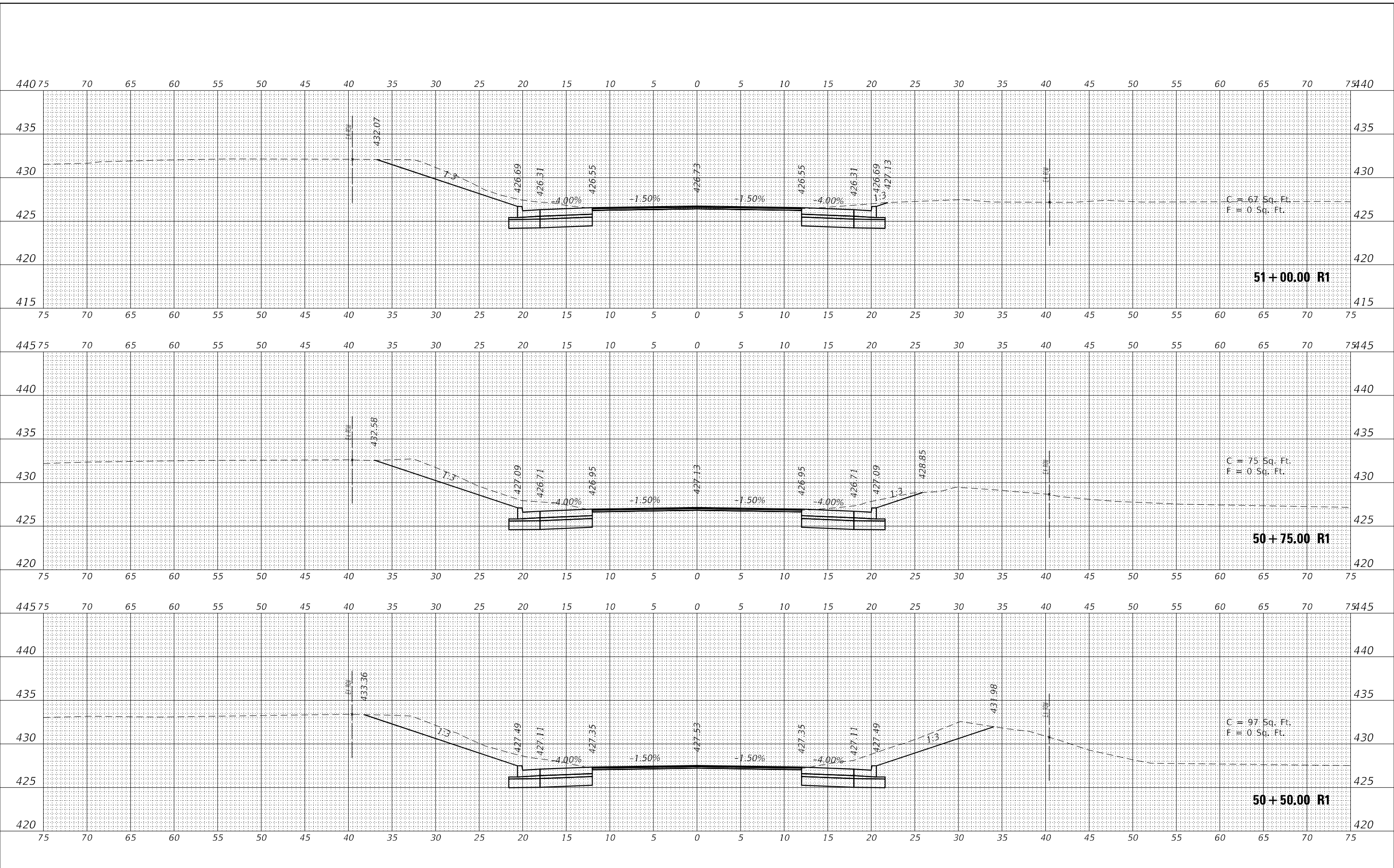
CROSS SECTIONS		
IL 37		
SCALE: 1"=5'	SHEET 6	OF 7 SHEETS
STA. 49+75.00 R1 TO STA. 50+25.00 R1		

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO. 89
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: S:\MODEL\NAMES
 FILE NAME: J:\CADD\Engineering\Projects\Hwy\Ill 37 and Willcat Rd\CADD\Civil\CADD Drawings\02\8633-3-Resurfacing.dgn



USER NAME = untitled	DESIGNED - _____	REVISED - _____
PLOT SCALE = 10,0006' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/6/2024	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

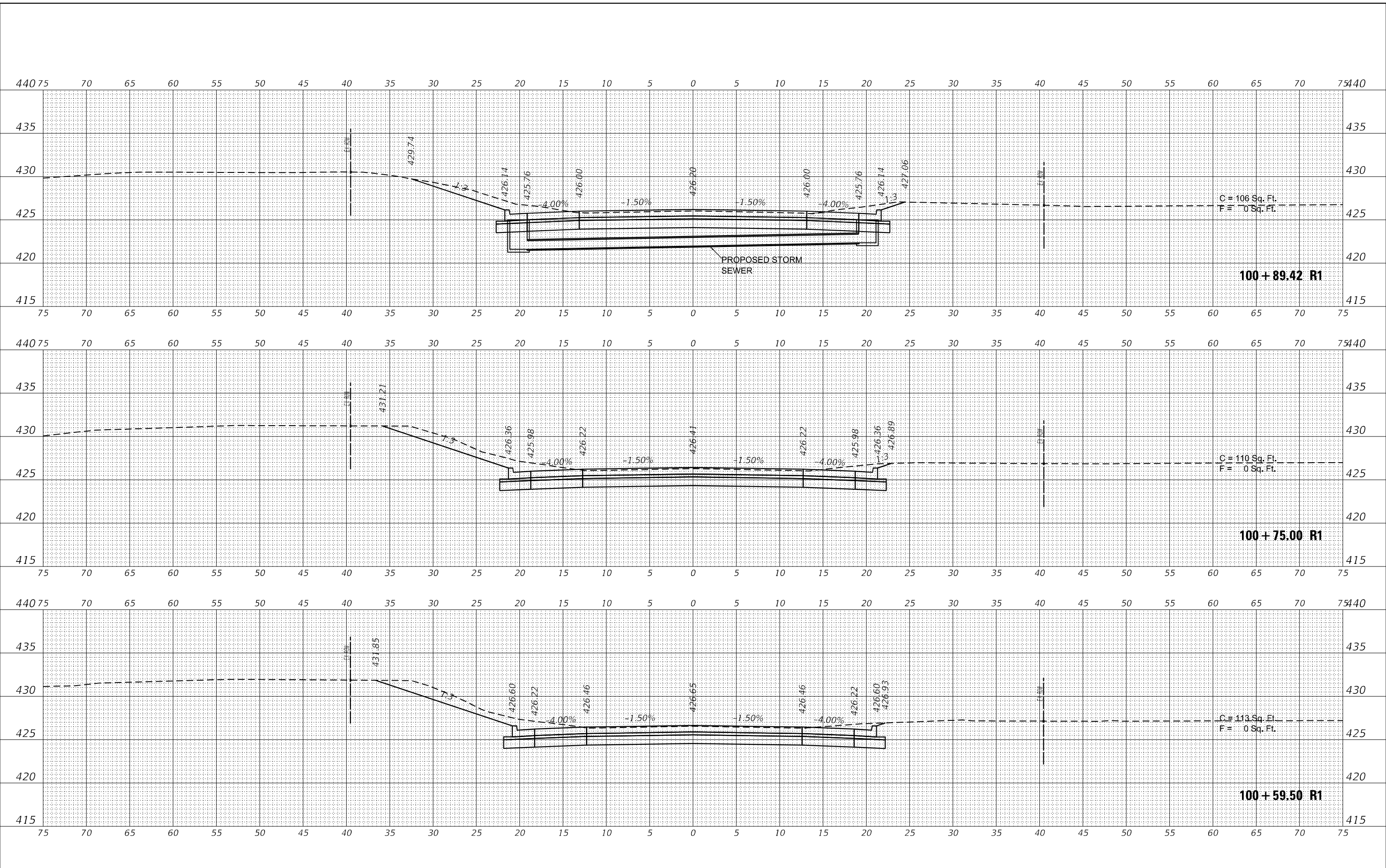
CROSS SECTIONS		
IL 37		
SCALE: 1"=5'	SHEET 7 OF 7 SHEETS	STA. 50+50.00 R1 TO STA. 51+00.00 R1

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO. 90
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78633	

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

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

MODEL: S:\MODEL\MAHES
 FILE NAME: J:\CADD\Engineering\Projects\Water_Shrink\PIB_198-031\Work Order 112-2489 Ph 2 Roundabout at Il. 37 and Wilcat Rd\CADD\Civil\CADD_Drawings\02\78633-contra-section.dwg



C = 106 Sq. Ft.
 F = 0 Sq. Ft.

100+89.42 R1

C = 110 Sq. Ft.
 F = 0 Sq. Ft.

100+75.00 R1

C = 113 Sq. Ft.
 F = 0 Sq. Ft.

100+59.50 R1

USER NAME = untitled	DESIGNED - _____	REVISED - _____
PLOT SCALE = 10,0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/6/2024	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

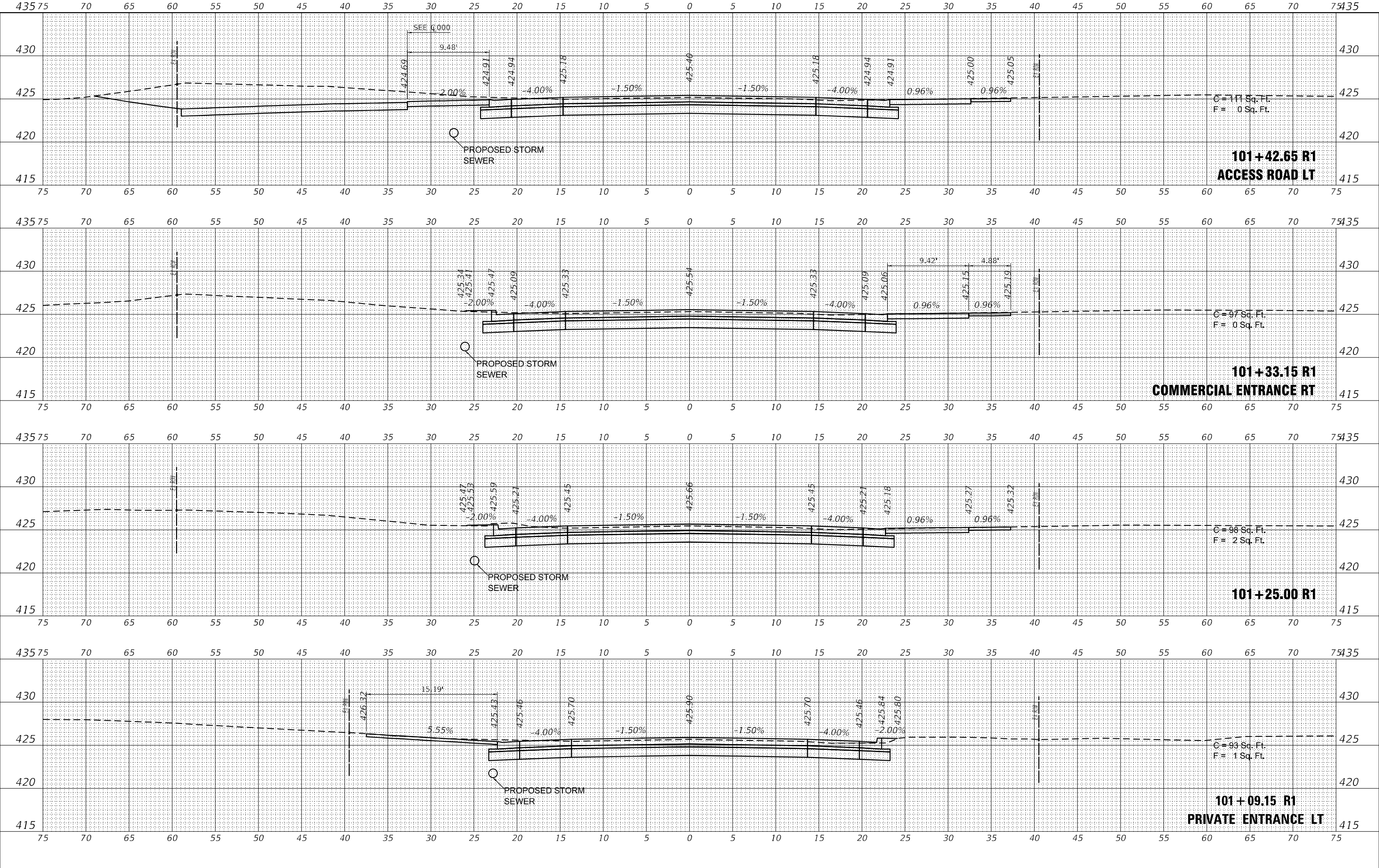
CROSS SECTIONS		
CL100		
SCALE: 1"=5'	SHEET 1 OF 5 SHEETS	STA. 100+59.50 R1 TO STA. 100+89.42 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	91
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: s:\MODEL\MAHES
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USER NAME =	untitled
DESIGNED -	_____
DRAWN -	_____
REVISOR -	_____
REVISION -	_____
REVISION -	_____
REVISION -	_____
REVISION -	_____
DATE -	_____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

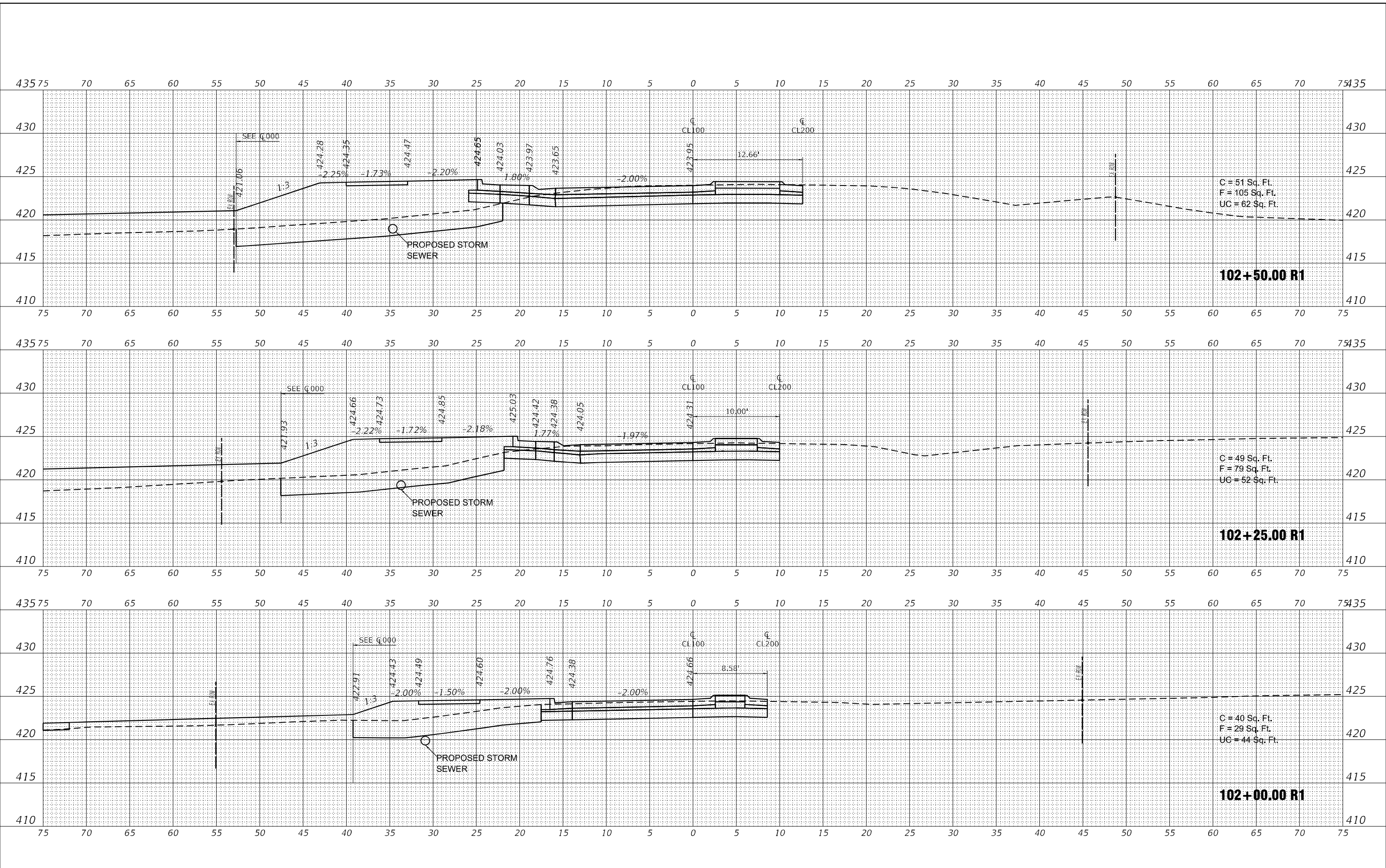
CROSS SECTIONS		
CL100		
SCALE: 1"=5'	SHEET 2 OF 5 SHEETS	STA. 101+09.15 R1 TO STA. 101+42.65 R1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	92
CONTRACT NO. 78633			ILLINOIS FED. AID PROJECT	

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

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

MODEL: S:\MODEL\MAHES
 FILE NAME: J:\CADD\Engineering\Projects\Illinois - S:\Illinois\112-2-889 Ph 2 Roundabout at Il. 37 and Willcat Rd\CADD\Civil\CADD Drawings\02\78633-01\Roundabout.dwg



USER NAME = untitled	DESIGNED - _____	REVISED - _____
PLOT SCALE = 10,000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/6/2024	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

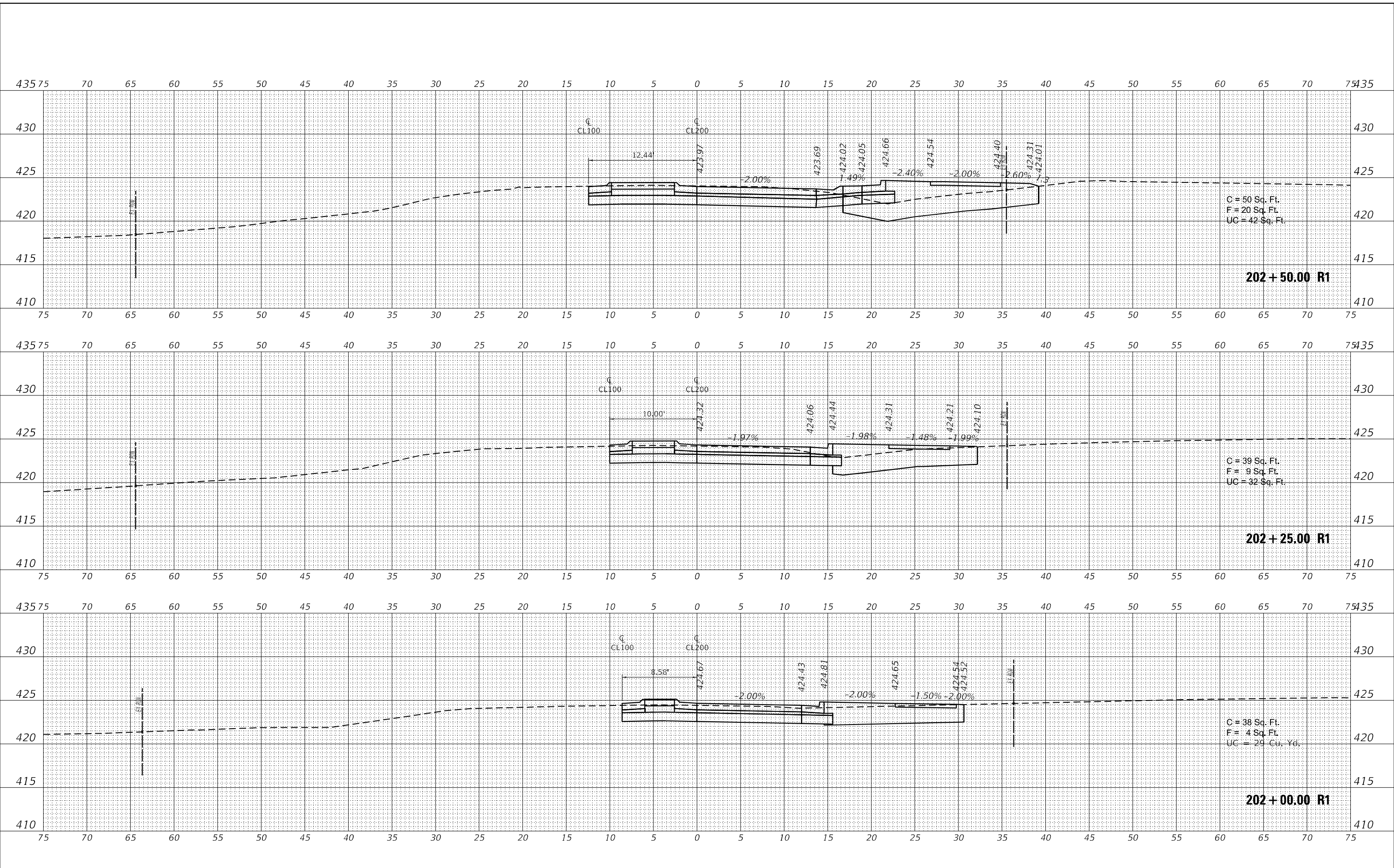
CROSS SECTIONS		
CL100		
SCALE: 1"=5'	SHEET 4 OF 5 SHEETS	STA. 102+00.00 R1 TO STA. 102+50.00 R1

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO. 94
			CONTRACT NO. 78633	
ILLINOIS FED. AID PROJECT				

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

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

MODEL: S:\MODEL\MAHES
 FILE NAME: J:\CADD\Engineering\Projects\Hwy\Shirley\17B_031\Work Order 112-2489 Ph 2 Roundabout at Il. 37 and Wilcat Rd\CADD\Civil\CADD Drawings\02\78633-contra-section.dwg



USER NAME	= untitled
DESIGNED	- _____
DRAWN	- _____
REVIS	- _____
REVIS	- _____
REVIS	- _____
REVIS	- _____
REVIS	- _____
PLOT SCALE	= 10,0000 * / in.
CHECKED	- _____
DATE	- _____
PLOT DATE	= 8/6/2024

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

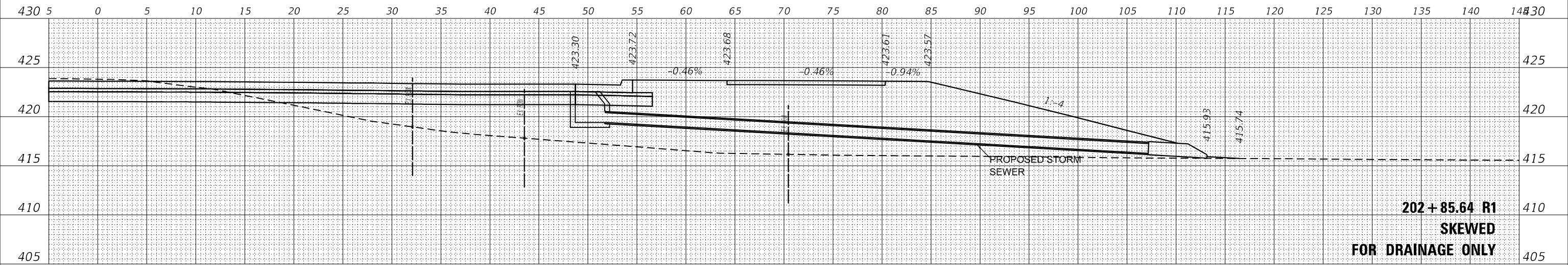
CROSS SECTIONS		
CL200		
SCALE: 1"=5'	SHEET 1	OF 2 SHEETS
STA. 202+00.00 R1 TO STA. 202+50.00 R1		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	113R-1	WILLIAMSON	486	96
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

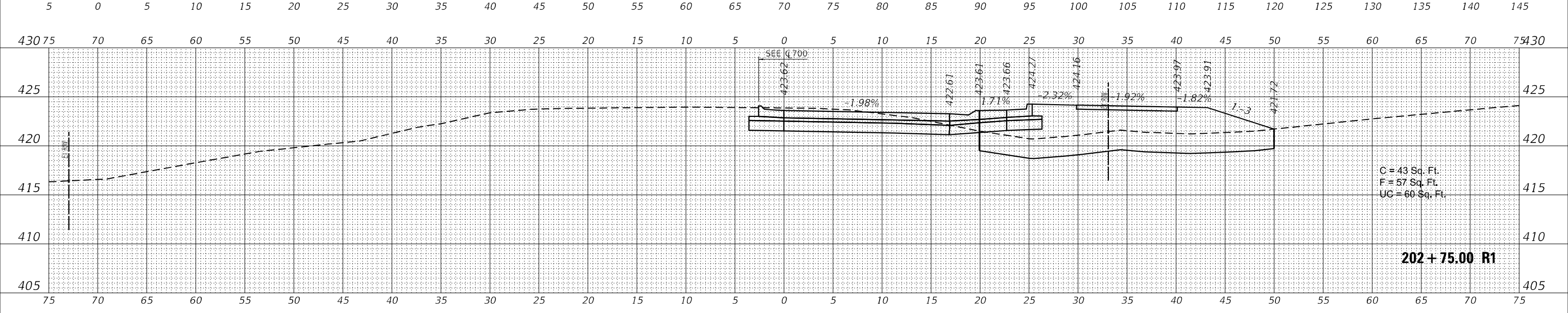
FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	FLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	FLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

MODEL: S:\MODEL\MAHES
 FILE NAME: J:\CADD\Engineering\Projects\Hwy\Hwy 112-2489 Ph 2 Roundabout at I. 37 and Wilcat Rd\CADD\CADD Drawings\02\78633-02\Roundabout.dwg



202+85.64 R1
SKEWED
FOR DRAINAGE ONLY



C = 43 Sq. Ft.
 F = 57 Sq. Ft.
 UC = 60 Sq. Ft.

202+75.00 R1

USER NAME = untitled	DESIGNED - _____	REVISED - _____
PLOT SCALE = 10,0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/6/2024	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

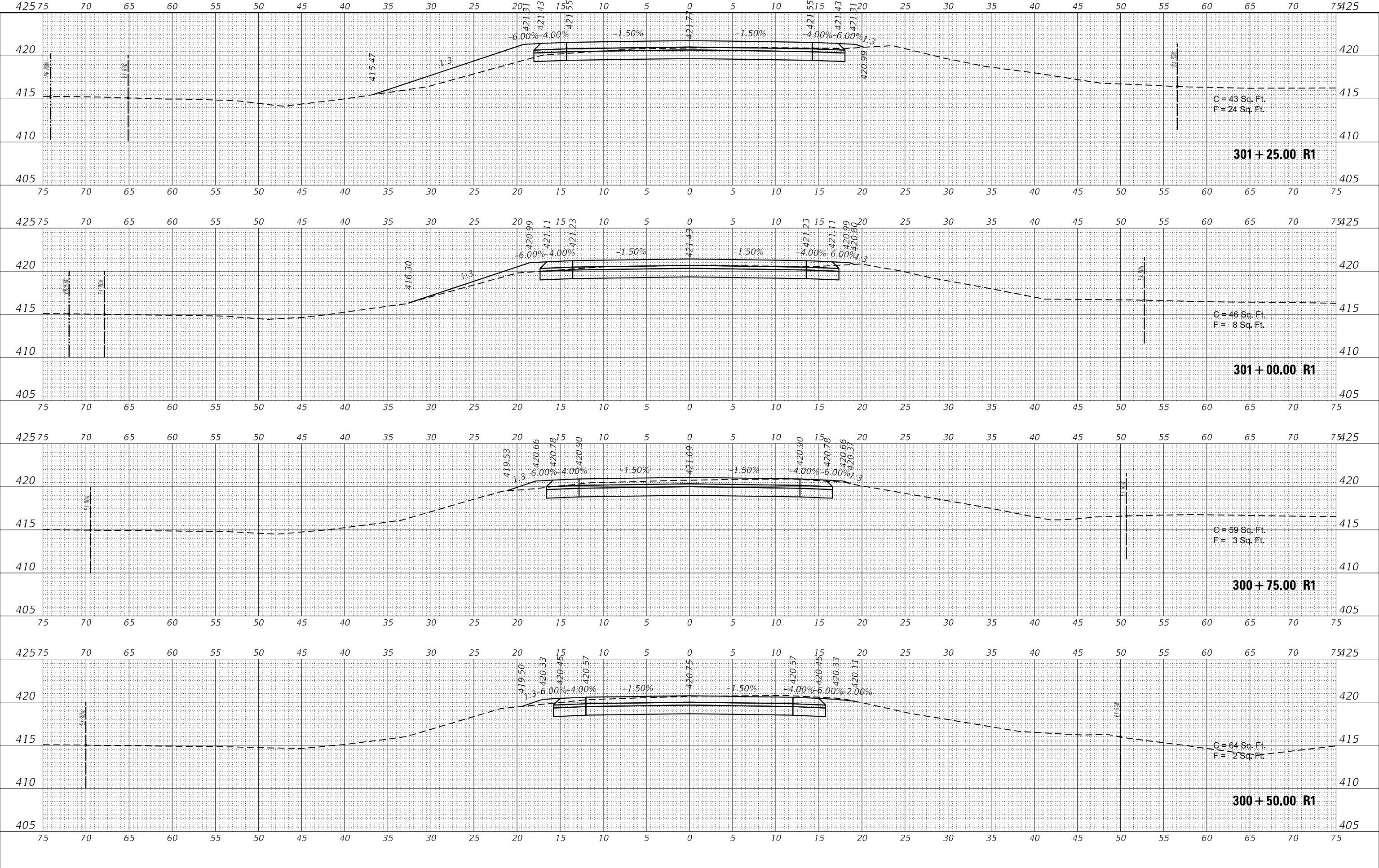
CROSS SECTIONS		
CL200		
SCALE: 1"=5'	SHEET 2 OF 2 SHEETS	STA. 202+75.00 R1 TO STA. 202+75.00 R1

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO. 97
CONTRACT NO. 78633				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = untitled	DESIGNED - _____	REVISED - _____
PLOT SCALE = 10,000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/6/2024	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

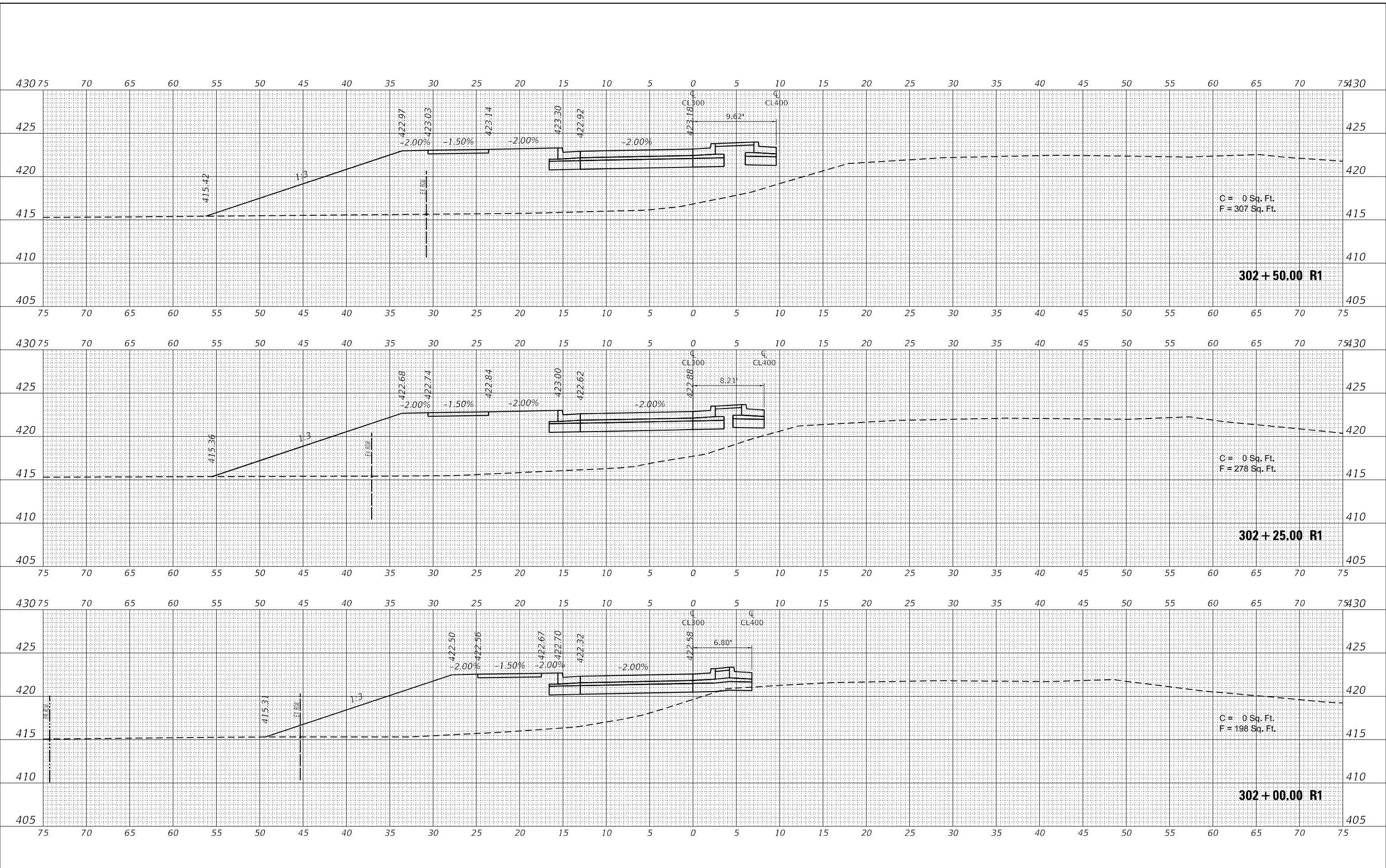
CROSS SECTIONS		
CL300		
SCALE: 1"=5'	SHEET 1 OF 4 SHEETS	STA. 300+50.00 R1 TO STA. 301+25.00 R1

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO. 98
ILLINOIS			FED. AID PROJECT	
			CONTRACT NO. 78633	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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PLOT SCALE = 10,0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/6/2024	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS		
CL300		
SCALE: 1"=5'	SHEET 3 OF 4 SHEETS	STA. 302+00.00 R1 TO STA. 302+50.00 R1

F.A.S. RTE. 2887	SECTION 113R-1	COUNTY WILLIAMSON	TOTAL SHEETS 486	SHEET NO. 100
CONTRACT NO. 78633			ILLINOIS FED. AID PROJECT	