FOR INDEX OF SHEETS, SEE SHEET NO. 4

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 55 (INTERSTATE 55) SOUTH OF I-80 TO WEBER RD. - NORTHBOUND

> **SECTION: 2019–155–RS** PROJECT: COVD-W166(112) **DESIGNED OVERLAY, DRAINAGE** AND ITS IMPROVEMENTS

WILL COUNTY

C-91-144-20

R 9 E

(30)

(59)

PROJECT ENDS

STA. 735 + 49

INGALLS PARK

GRAEF

JEFFREY S ORZECH, P.E. DATE SIGNED: 6-22-2021

THIS SEAL APPLIES TO DRAWING NOS.: 1-2, 4-51, 119-132 EXPIRATION DATE: 11-30-2021

AMES, INC



BRENDA D. LOWERY, P.E. DATE SIGNED: 6-22-2021 THIS SEAL APPLIES TO DRAWING NOS.: 90-118 EXPIRATION DATE: 11-30-2021



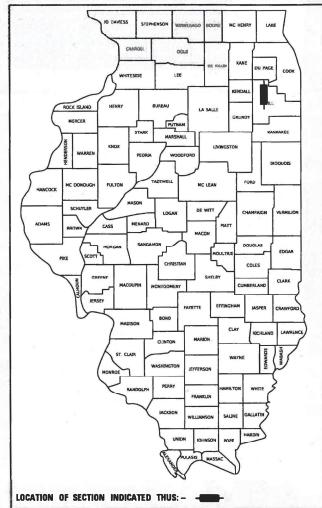
HANNAH J. MARTENS, P.E. DATE SIGNED: 6-22-2021 THIS SEAL APPLIES TO DRAWING NOS.: 3, 52-89 EXPIRATION DATE: 11-30-2021

D-91-344-20

2019-155-R5

WILL 129 1

ILLINOIS CONTRACT NO. 62K51



STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

SUBMITTED JUNE 25 20 21

DB STERLIN, CONSULTANTS, INC.



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

THE PROJECT IS LOCATED IN THE CITY OF JOLIET AND THE VILLAGES OF ROMEOVILLE, PLAINFIELD. SHOREWOOD, BOLINGBROOK AND CRYSTAL LAWNS (CDP)

TRAFFIC DATA:

2019 ADT 113,400

POSTED SPEED LIMIT = 65 MPH

0

0

0

LOCATION MAP

PROJECT BEGINS

STA. 17 + 93

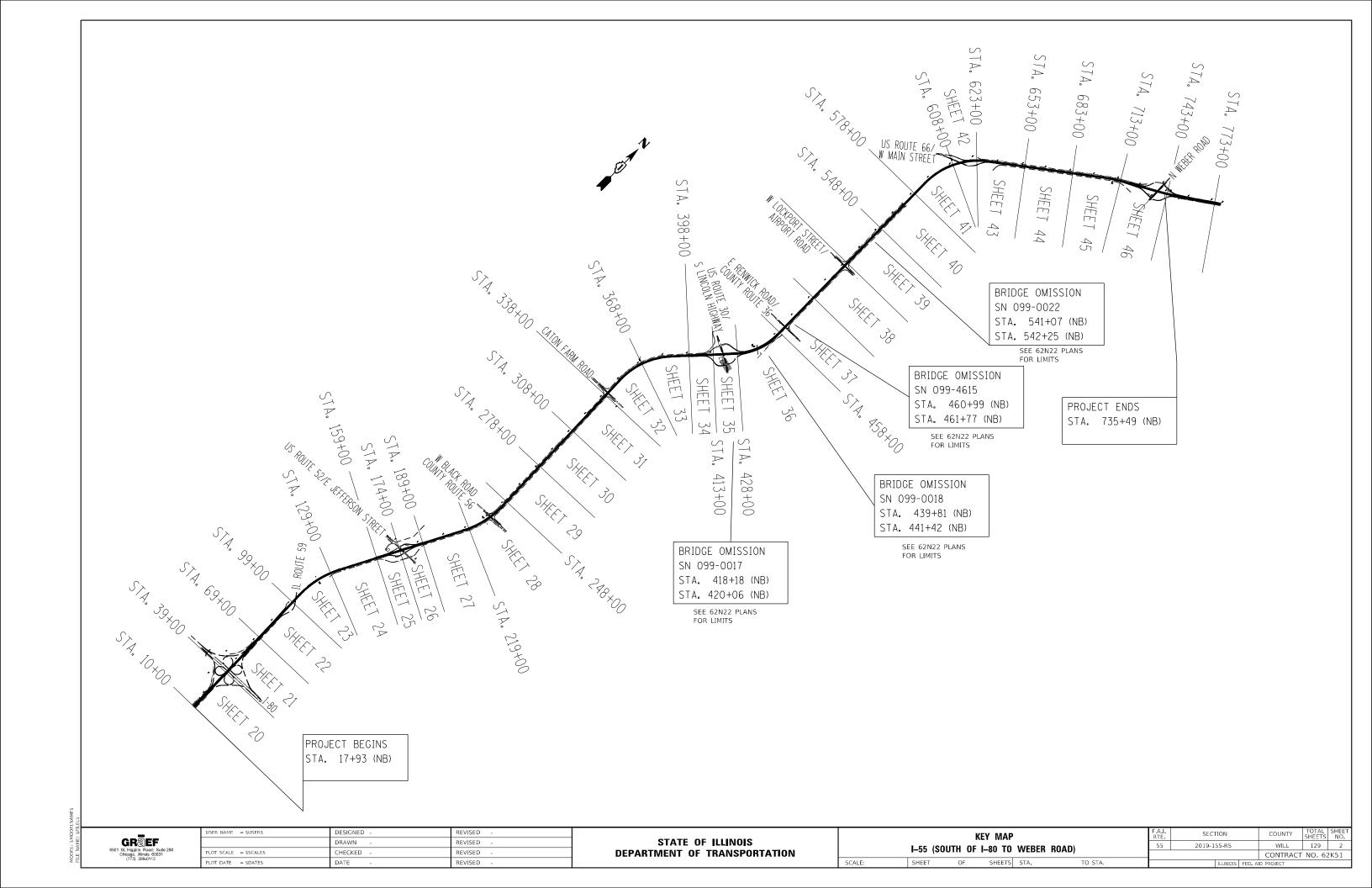
ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS. THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS 1-800-892-0123 OR 811 MEADE ELECTRIC CO. DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR LOCATES IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES: 773-287-7672

PROJECT ENGINEER: Veselin Velichkov, PE phone (847–705–4432) PROJECT MANAGER: Fawad Aqueel, PE, PTOE phone (847-705-4247)

TROY, PLAINFIELD, WHEATLAND, DuPAGE TOWNSHIPS GROSS LENGTH = 71,756 FT = 13.6 MI NET LENGTH = 71,756 FT = 13.6 MI

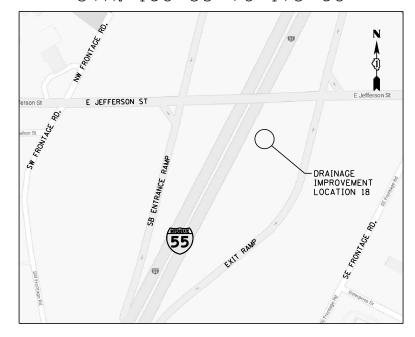
CONTRACT NO. 62K51



DRAINAGE SPOT IMPROVEMENT LOCATION MAPS

LOCATION NO. 18

STA. 168+33 TO 173+68



LOCATION NO. 6

STA. 194+62



LOCATION NO. 7

STA. 250+60



LOCATION NO. 7A & LOCATION NO. 1

STA. 502+70 & STA. 519+00



LOCATION NO. 2

STA. 525+07



LOCATION NO. 3

STA. 552+88



USER NAME = cformosa	DESIGNED - FS	REVISED -
	DRAWN - EUB	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED - HJM	REVISED -
PLOT DATE = 7/1/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

D	RAINAGE	IMPROVE	MENTS:	LOCATIO	N MAPS
	I–55 (SO	UTH OF	I–80 TO	WEBER	ROAD)

DEL: Default E NAME: P:\00673.000\673

SHEET INDEX

Sheet No.	Sheet Description
1	Cover Sheet
2	Кеу Мар
3	Drainage Improvements Location Maps
4	General Notes and Index of Sheets
5 - 11	Summary of Quantities
12 - 15	Typical Sections
16	Mix Table
17 - 19	Suggested Sequence of Construction
20 - 47	Roadway Plans
48	Roadway Details
49	Drainage Improvements General Notes
50 - 56	Drainage Plan and Profile
57 - 61	Soil Erosion Control & Sedimentation Control Plan
62 - 83	Landscaping and Vegetation Management Plan
84 - 86	Cross Sections
87	General Notes, Bill of Materials And Legend (ITS)
88 - 113	ITS Surveillance Plan
114	Wireless Vehicle Detector Pole Details
115	Light Pole Foundation, Metal
116 - 119	Remove and Reerect Steel Plate Beam Guardrail (BM-21)
120	Pavement Patching for HMA Surfaced Pavement (BD-22)
121	Butt Joint HMA Taper Details (BD-32)
122	Entrance and Exit Ramp Closure Details (TC-08)
123	Traffic Control Details for Freeway Single & Mulit-Lane Weave (TC-09)
124	Typical Applications Raised Reflective Pavement Markers (Snow-Plow Resistant) (TC-11)
125	Multi-Lane Freeway Pavement Marking Details (TC-12A)
126	Multi-Lane Freeway Pavement Marking Details (TC-12B)
127	District One Typical Pavement Markings (TC-13)
128	Traffic Control Details for Freeway Shoulder Closures and Partial Ramp Closures (TC-17)
129	Freeway/Expressway Signing for Flagging Operations at
	Work Zone Openings on Freeways/Expressways (TC-18)

STATE STANDARDS

000001-08 001001-02 001006 280001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS AREAS OF REINFORCEMENT BARS DECIMAL OF AN INCH AND OF A FOOT TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHOULDER STRIPS/ SHOULDER WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
630001-12	STEEL PLATE BEAM GUARDRAIL
635001-02	DELINEATORS
642001-02	SHOULDER RUMBLE STRIPS, 16 IN.
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4. $\overline{5}$ m) AWAY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701400-10	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-12	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS \geq 45 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701446-11	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS (*ONLY USE FOR LANE DROP ARROW")
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

- 1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E."
 AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND
 GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
- 2. IDOT FACILITIES ARE NOT LOCATED BY JULIE OR DIGGER. IDOT ELECTRICAL FACILITIES INCLUDING ROADWAY LIGHTING, FIBER OPTIC, ITS EQUIPMENT, TRAFFIC SIGNAL AND PUMP STATION FACILITIES ARE LOCATED BY THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACTOR. AS OF THE LETTING DATE, CONTACT THE MEADE ELECTRIC COMPANY AT 773-287-7672.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF ROMEOVILLE, PLAINFIELD, CRYSTAL LAWNS, AND SHOREWOOD
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 5. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE DISTRICT ONE "BUTT JOINT AND HMA TAPER DETAILS" (BD-32).
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE PLACED AT NO ADDITIONAL COST TO THE DEPARTMENT
- 7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 8. THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS, PAVEMENT PATCHING. OR DRAINAGE ADJUSTMENT PRIOR TO MILLING OR RESURFACING.
- THE RESIDENT ENGINEER SHALL CONTACT THE EXPRESSWAY FIELD ENGINEER AT (847) 705-4153 TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 10. THE RESIDENT ENGINEER SHALL CONTACT THE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS PRIOR TO THE INSTALLATION OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- 11. ALL EXTRA EXCAVATED SOIL SHALL BE PLACED WITHIN IDOT RIGHT-OF-WAY, WITHIN PROJECT LIMITS.
- 12. MISCELLANEOUS PAY ITEMS HAVE BEEN INCLUDED FOR THE RESIDENT ENGINEER TO USE AT THEIR DISCRETION. ITEMS INCLUDE STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS, CONCRETE BARRIER REPLACEMENT, DELINEATORS, TERMINAL MARKERS, PATCHING AND FULL DEPTH SHOULDER RECONSTRUCTION.
- 13. VERTICAL CLEARANCE MUST BE MEASURED AND SUBMITTED TO THE BUREAU OF MAINTENANCE AND THE CENTRAL BUREAU OF OPERATIONS AFTER RESURFACING IS COMPLETED FOR THE FOLLOWING OVERHEAD BRIDGES: SN 099-0281 (WEBER ROAD), SN 099-031 (IL 126 NB), SN 099-0176 (LOCKPORT PLAINFIELD ROAD), SN 099-0212 (RENWICK RD), SN 099-0210 (CATON FARM RD), SN 099-0209 (BLACK ROAD), SN 099-0139 (US 52), SN 099-4642 (I-55 NB TO IL 59 NB), SN 099-0044 (I-80 EB), SN 099-0045 (I-80 WB).
- 14. ALL STAGE CHANGES REQUIRING THE STOPPING AND/OR PACING OF TRAFFIC SHALL TAKE PLACE DURING THE ALLOWABLE HOURS FOR FULL EXPRESSWAY CLOSURES AND SHALL BE APPROVED BY THE DEPARTMENT. THE CONTRACTOR SHALL NOTIFY THE DISTRICT ONE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT LEAST 3 WORKING DAYS (WEEKENDS AND HOLIDAYS DO NOT COUNT IN THIS 72 HOUR NOTIFICATION) IN ADVANCE OF ANY PROPOSED STAGE CHANGE.
- 15. A MAINTENANCE OF TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE DISTRICT ONE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR, 14 DAYS IN ADVANCE OF ANY STAGE CHANGES OR FULL EXPRESSWAY CLOSURES. THE MAINTENANCE OF TRAFFIC PLAN SHALL INCLUDE, BUT NOT LIMITED TO: LANE AND RAMP CLOSURES, EXISTING GEOMETRICS, AND EQUIPMENT AND MATERIAL LOCATION.
- 16. THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT WWW.IDOTLCS.COM TWENTY -FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP, AND SHOULDER CLOSURES AND 7 DAYS IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES ON ALL FREEWAYS AND/OR EXPRESSWAYS IN DISTRICT ONE. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON A WORK-WEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS.
- 17. LONGITUDINAL PARTIAL DEPTH REMOVAL, 3 INCH (X4405030) AND LONGITUDINAL PARTIAL DEPTH PATCHING (X4420900) SHALL BE 3 FOOT IN WIDTH. THIS SUPERCEDES THE RECURRING SPECIAL PROVISION'S STATED WIDTH.
- 18. WORK TO TAKE PLACE OVERNIGHT AND LANE CLOSURES SHALL BE OPEN FOR DAY TIME TRAFFIC.
- 19. PATCHING WORK WILL BE DONE BEFORE MILLING.
- 20. PAVING UP TO BRIDGES SN 099-0017, SN 099-0018, SN 099-4615, AND SN 099-0022 SHOULD END AT THE APPROACH OVERLAY TO BE VERIFIED BY THE RESIDENT ENGINEER.
- 21. CLASS D, TYPE III AND TYPE IV, 6 INCH PATCHING AND FULL DEPTH SHOULDER RECONSTRUCTION QUANTITIES HAVE BEEN INCLUDED IF THE OUTSIDE SHOULDER REQUIRES MAINTENANCE DUE TO CONSTRUCTION TRAFFIC.
- 22. HOT-MIX ASPHALT SHALL NOT COVER ANY DRAIN.
- 23. THE OUTSIDE SHOULDER FROM IDOT CN 62N22 SHALL BE RESURFACED (NEW SURFACE AND BINDER) UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SEE SHEET 16 FOR LOCATIONS.
- 24. QUANTITIES FOR ALL INSIDE SHOULDER DRAINAGE STRUCTURES TO BE ADJUSTED DOWN TO THE BOTTOM MILLED ELEVATIONS AND THEN TO BE ADJUSTED A SECOND TIME TO FINAL GRADE HAVE BEEN PROVIDED. THE ENGINEER SHALL DECIDE WHEN AND IF THESE ADJUSTMENTS SHALL BE USED BASED ON THE CONTRACTOR'S SCHEDULE AND WEATHER PROJECTIONS. IT IS THE INTENT TO ADUST DRAINAGE STRUCTURES TO PREVENT WATER PONDING ON THE SHOULDER.
- 25. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ON I-55 AS PER STANDARD TC-12 AND SHALL BE INSTALLED AT ANY NECESSARY RAMP INTERSECTIONS WITH CROSS ROADS AS PER STANDARD TC-11.
- $26.\$ THE RAMP LIMITS FOR JOINT AND CRACK ROUTING AND FILLING SHALL EXTEND THE FULL RAMP LENGTH TO THE ADJACENT CROSS ROAD.



USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF	ILLINOIS
DEPARTMENT OF	TRANSPORTATION

GENERAL	NOTES	AND IN	DEX OF	SHEETS	F.A.I. RTE	SEC*	LION		COUNTY	TOTAL SHEETS	SHEET NO.
I-55 (SOUTH OF I-80 TO WEBER ROAD)			55	2019-155-RS			WILL	129	4		
1-33 (30	0111 01	1-00 10	VVLDLII	IIOAD)					CONTRACT	NO. 62	2K51
SHEET	OF	SHEETS	STA.	TO STA.			TITINOIS	FED ΔI	ID PROJECT		

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ELECTRICAL 0021	DRAINAGE 0043	cleaning 0043
			URBAN	100% FED	100% FED	100% FED	100% FED
20101300	TREE PRUNING (1 TO 10 INCH)	EACH	10			10	
20101350	TREE PRUNING (OVER 10 INCH)	EACH	20			20	
20200100	EARTH EXCAVATION	CU YD	197	69		128	
20800150	TRENCH BACKFILL	CU YD	36			36	
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1,076			1,076	
21400100	GRADING AND SHAPING DITCHES	FOOT	604			604	
25000210	SEEDING, CLASS 2A	ACRE	0.2			0.2	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,998			1,998	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,998			1,998	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,998			1,998	
25003210	INTERSEEDING, CLASS 2A	ACRE	7			7.0	
25003312	INTERSEEDING, CLASS 4A	ACRE	15			15.0	
25003314	INTERSEEDING, CLASS 4B	ACRE	3			3.0	
25100630	EROSION CONTROL BLANKET	SQ YD	1,074			1,074	
28000305	TEMPORARY DITCH CHECKS	FOOT	110			110	
						1	
28000400	PERIMETER EROSION BARRIER	FOOT	626			626	
28000510	INLET FILTERS	EACH	384	383		1	
28100105	STONE RIPRAP, CLASS A3	SQ YD	89			89	
			<u> </u>				

GRØEF8501 W. Higgins Road; Suite 280 Chicago, Illinois 60631 (773) 399-0112

USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

SUMMARY OF QUANTITIES	F.A.I RTE
I-55 (SOUTH OF I-80 TO WEBER ROAD)	55
1-33 (000111 01 1-00 10 WEDEN NOAD)	
Lever of cheerel era to era	

					1 \ L V	JLI
F.A.I. RTE.	SECT	ΓΙΟΝ		COUNTY	TOTAL SHEETS	SHEET NO.
55	2019-1	55-RS		WILL	129	5
				CONTRACT	NO. 62	2K51
		ID PROJECT				

REV-SEP

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY URBAN	ROADWAY 0005	ELECTRICAL 0021	DRAINAGE 0043	CLEANING 0043
			ONDAN	100% FED	100% FED	100% FED	100% FED
28200200	FILTER FABRIC	SQ YD	89			89	
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,000	1,000			
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	77	77			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	420,156	420,156			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	2,000	2,000			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	3,613	3,613			
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	550	550			
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	15,808	15,808			
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	838	838			
40604062	HOT-MIX ASPHALT, SURFACE COURSE, MIX "D", IL-9.5, N70	TON	12,265	12,265			
40605015	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80	TON	56,993	56,993			
			,	,			
40605036	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE STONE MATRIX ASPHALT, 12.5, MIX "F", N80	TON	39,132	39,132			
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SQ YD	3,635	3,635			
44000167	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/2"	SQ YD	74,640	74,640			
44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	371,139	371,139			
44001980	CONCRETE BARRIER REMOVAL	FOOT	300	300			
44004250	PAVED SHOULDER REMOVAL	SQ YD	1,000	1,000			
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	2,000	2,000			
	1	1	1	1			

GR@**EF** 8501 W. Higgins Road; Suite 280 Chicago, Illinois 60631 (773) 399-0112

USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES							
I–55	(SOUTH OF	I–80 TO	WEBER	ROAD)			
SHEET	OF	SHEETS	STA.		TO STA.		

SCALE:

F.A.I. SECTION			COUNTY	TOTAL SHEETS	SHE	
55	55 2019-155-RS			WILL	129	(
·			CONTRACT	NO. 62	2K5	
		ILLINOIS	FED. A	ID PROJECT		

REV-SEP

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ELECTRICAL 0021	DRAINAGE 0043	cleaning 0043
			URBAN	100% FED	100% FED	100% FED	100% FED
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	2,000	2,000			
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	50	50			
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	51	51			
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	26	26			
44201839	CLASS D PATCHES, TYPE II, 16 INCH	SQ YD	400	400			
		·					
44201843	CLASS D PATCHES, TYPE III, 16 INCH	SQ YD	100	100			
45200100	JOINT OR CRACK ROUTING (PC CONCRETE AND SHOULDER)	FOOT	25,000	25,000			
45200300	JOINT OR CRACK FILLING	POUND	75,000	75,000			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2,273	2,273			
18202027	HAT MY ASDIANT SHOULDEDS 40"	GO VD	1.000	1.000			
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	1,000	1,000			
54262715	METAL FLARED END SECTIONS 15"	EACH	2			2	
54262724	METAL FLARED END SECTIONS 24"	EACH	2			2	
54262730	METAL FLARED END SECTIONS 30"	EACH	4			4	
54262736	METAL FLARED END SECTIONS 36"	EACH	2			2	
		7007					
542D1060	PIPE CULVERTS, CLASS D, TYPE 2 15"	FOOT	28			28	
542D1069	PIPE CULVERTS, CLASS D, TYPE 2 24"	FOOT	38			38	
1000		- 301					
542D1075	PIPE CULVERTS, CLASS D, TYPE 2 30"	FOOT	89			89	
542D1081	PIPE CULVERTS, CLASS D, TYPE 2 36"	FOOT	53			53	

GRZEF 8501 W. Higgins Road; Suite 280 Chicago, Illinois 60631 (773) 399-0112

USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES						
	I-55 (SC	OUTH OF	I–80 TO	WEBER	ROAD)	
	SHEET	OF	SHEETS	STA.		TO STA.

F.A.I. RTE	SECTION			COUNTY	TOTAL SHEETS	SHEE
55	2019-155-RS			WILL	129	7
				CONTRACT	NO. 62	2K51
		ILLINOIS	FED. A	ID PROJECT		

REV-SEP

	CODE NO.	DDE NO. DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ELECTRICAL 0021	DRAINAGE 0043	cleaning 0043
				URBAN	100% FED	100% FED	100% FED	100% FED
	55100700	STORM SEWER REMOVAL, 15"	FOOT	28			28	
	55101200	STORM SEWER REMOVAL, 24"	FOOT	38			38	
	55101400	STORM SEWER REMOVAL, 30"	FOOT	89			89	
	55101600	STORM SEWER REMOVAL, 36"	FOOT	53			53	
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	100	100			
Ī								
	63200310	GUARDRAIL REMOVAL	FOOT	100	100			
F	63301215	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	10	10			
F		·						
F	63500105	DELINEATORS	EACH	468	468			
 	63500310	REMOVE AND REINSTALL DELINEATORS	EACH	50	50			
 	63700285	CONCRETE BARRIER, DOUBLE FACE, 48 INCH HEIGHT	FOOT	300	300			
F	0010000	Concentrate binning in the first financial		300				
F	64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	141,194	141,194			
				2.2,22.				
F	66400305	CHAIN LINK FENCE, 6'	FOOT	20	20			
H	00,00000	5.11.1.1 E.1.02, 6		20	~~			
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	340	340			
7	0000000	NOT OF BOILD WASTE DIOLOGAL	CC ID	040	0+0			
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5			
·	00900030	SOIL DISTOSAL ANALISIS	EACH	3	<u></u>			
*	66901001	DEGLILAMED GUDGMANGEG DDE GONGMDIGMON DIAN	L SUM	1	1			
·	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			
*	00004000	DEGLUATED CUDOTAVORO FIVA CONCEDIMENTAL DEDODE	1 6171					
· '-	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
.								
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	14	14			
	67100100	MOBILIZATION	L SUM	1	1			
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1			
L								

* SPECIALTY ITEM

REV-SEP



USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

	S	UMMARY	OF QUA	ANTITIE	S	F.A.I. RTE.	SECTION
	L55 /90	UTH OF	L_RO TO	WERER	POAN)	55	2019-155-RS
	F-33 (30	0111 01	1-00 10	VALDEI	ПОЛО		
- 1	CHEET	OF	CHEETE	CTA	TO CTA		Larran

	CODE NO.	DESCRIPTION	UNIT TO	TOTAL QUANTITY	ROADWAY 0005	ELECTRICAL 0021	DRAINAGE 0043	cleaning 0043
				URBAN	100% FED	100% FED	100% FED	100% FED
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1,620	1,620			
	70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1			
-								
-	70300904	PAVEMENT MARKING TAPE, TYPE IV, 4"	FOOT	450,536	450,536			
	70300905	PAVEMENT MARKING TAPE, TYPE IV, 5"	FOOT	179,390	179,390			
F	70300903	FAVENERI MARKING TAFE, TIFE IV, 5	1001	179,390	179,590			
	70300908	PAVEMENT MARKING TAPE, TYPE IV, 8"	FOOT	19,900	19,900			
F					<u> </u>			
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FOOT	109	109			
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	155,312	155,312			
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	600	600			
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	19,900	19,900			
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	7,252	7,252			
" -	78000000	IHERMOPLASIIC PAVEMENI MARKING - LINE 12	F001	7,252	7,202			
1								
	78004354	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 4"	FOOT	2,500	2,500			
-								
*	78004355	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 5"	FOOT	35,878	35,878			
*	78004358	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 8"	FOOT	542	542			
*	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	287,024	287,024			
*	22225122	TROWN DUTTURE VARIANCE VIVE 5"	TO OTT	50.018	50.048			
1	78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	53,817	53,817			
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	4,338	4,338			
-	.5155166		2011	.,500	.,550			
*	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	5	5			
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	3,688	3,688			

* SPECIALTY ITEM

REV-SEP



USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

I-55 (SUMMAR' SOUTH OF				
SHEET	OF	SHEETS	STA.	TO STA.	

10DEL: \$MODELN	FILE NAME: SETIFIS

GROEF 8501 W. Higgins Road, Suite 280 Chicago, Illinois 60631 (773) 399-0112

* SPECIALTY ITEM USER NAME = \$USER\$ DESIGNED -REVISED DRAWN REVISED PLOT SCALE = \$SCALE\$ CHECKED -REVISED -PLOT DATE = \$DATE\$ DATE REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	SUMMAR	Y OF	QU	ANTITIES		
I -55	(SOUTH OF	I –80	T0	WEBER	ROAD)	
SHEET	OF	SHE	ETS	STA.		TO STA

SCALE:

F.A.I. RTE. 2019-155-RS

REV-SEP

	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ELECTRICAL 0021	DRAINAGE 0043	cleaning 0043
				URBAN	100% FED	100% FED	100% FED	100% FED
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA	FOOT	150		150		
*	83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	6		6		
-	K0026700	TREE CARE	EACH	70			70	
	ROGEOTOG	TREE CARE	EACH	10			70	
-	K0029614	WEED CONTROL, AQUATIC	GALLON	2.5			2.5	
	K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	32			32	
*	X0320024	ETHERNET MANAGE SWITCH	EACH	5		5		
-			2.1011					
*	X0325462	MEDIA CONVERTER	EACH	5		5		
*	X0326812	CAT 5 ETHERNET CABLE	FOOT	150		150		
*	X0327117	AMS SYSTEM INTEGRATION	L SUM	1		1		
	X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	6		6		
-								
-	X1400106	WIRELESS VEHICLE DETECTION SYSTEM	EACH	5		5		
*	X1400211	LIGHT POLE SPECIAL, 30'	EACH	6		6		
-								
	X1400337	WIRELESS IN PAVEMENT DETECTOR	EACH	86		86		
				_		_		
	X1400438	WIRELESS VEHICLE DETECTION SOLAR REPEATER	EACH	5		5		
-	X2000001	WEED CONTROL, NATIVE LANDSCAPE REMEDIATION	UNIT	349			349	
	X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	38			38	
-	V0000405	CDADNIC AND CHARNIC DIVEWAY	TINIM	500	500			
	X2020105	GRADING AND SHAPING BIKEWAY	UNIT	599	599			
ŀ	X4405030	LONGITUDINAL PARTIAL DEPTH REMOVAL, 3"	FOOT	4,010	4,010			
F			t	 		 		

USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

		SUMMAR	Y OF QU	JANTITIES	5	
	–55	(SOUTH OF	I-80 TO	WEBER	ROAD)	
SCALE:	SHEET	OF	SHEETS	STA.		TO :

ROADWAY 0005

100% FED

225

12

90

238,191

1

766

20

103

292,608

96,124

20

1000

1000

UNIT

TON

FOOT

FOOT

FOOT

FOOT

CAL MO

L SUM

CAL DA

SQ FT

L SUM

EACH

EACH

FOOT

SQ FT

FOOT

TON

ACRE

HOURS

HOURS

TOTAL QUANTITY URBAN

225

385

192

72

152

12

90

238,191

766

127

20

103

292,608

96,124

20

1000

1000

Ø 0042

*	SP	ECI	AL	TY	ITE	M
---	----	------------	----	----	-----	---

CODE NO.

X4420900

X5537800

X5538000

X5538200

X5538400

X6700410

X7011015

X7013820

X7030005

Z0013798

Z0018400

Z0018500

Z0022800

Z0030850

Z0033700

Z0034105

Z0064600

Z0076600

Z0076604

DESCRIPTION

LONGITUDINAL PARTIAL DEPTH PATCHING

STORM SEWERS TO BE CLEANED 12"

STORM SEWERS TO BE CLEANED 18"

STORM SEWERS TO BE CLEANED 24"

STORM SEWERS TO BE CLEANED, 30"

ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)

TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)

TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS

TEMPORARY PAVEMENT MARKING REMOVAL

DRAINAGE STRUCTURES TO BE ADJUSTED

DRAINAGE STRUCTURES TO BE CLEANED

TEMPORARY INFORMATION SIGNING

LONGITUDINAL JOINT SEALANT

MATERIAL TRANSFER DEVICE

SELECTIVE CLEARING

TRAINEES

CONSTRUCTION LAYOUT

FENCE REMOVAL

USER NAME = \$USER\$	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -	
DIOT DATE - ¢DATE¢	DATE	DEVICED	

TRAINEES - TRAINING PROGRAM GRADUATE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

											REV-	SEP	
SUMMARY OF QUANTITIES -55 (South of -80 to weber road)				F.A.I. RTE.	SECT	ION	COUNTY	TOTAL SHEETS	SHEET NO.				
				55	2019-1	55-RS	WILL	129	11				
	1 33 (0		1 00 10	WEDEN	HOAD,					CONTRACT	Γ NO. 62	2K51	
CALE:	SHEET	OF	SHEETS	STA.	TC	D STA.			ILLINOIS FED.	AID PROJECT			

DRAINAGE 0043

100% FED

ELECTRICAL 0021

100% FED

CLEANING

0043

100% FED

385

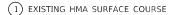
192

72

152

127





2 EXISTING P.C.C. BASE COURSE

(3) EXISTING AGGREGATE SUBGRADE

4) EXISTING HMA BASE COURSE

 $\stackrel{\textstyle \frown}{}$ EXISTING HMA SHOULDER, DEPTH VARIES (14" TO 18.5")

(6) EXISTING PIPE UNDERDRAIN

(7) EXISTING AGGREGATE SHOULDER

(8) EXISTING CONC. BARRIER WALL DOUBLE FACE (2'-3' WIDE)

(9) EXISTING HMA SHOULDER, DEPTH VARIES (6" TO 9.5" ON 6" & VAR. SUBBASE)

*(10) PROPOSED POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80, 3.0"

*(1) PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "F", N80, 2.0"

*** 12 PROPOSED HMA BINDER COURSE, IL-19.0, N70, 3.0" (MAINLINE SHOULDERS)

***(13) PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 2"

(14) PROPOSED SHOULDER RUMBLE STRIPS, 16 INCH

(15) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE "B"

(16) PROPOSED GRADING AND SHAPING SHOULDER

(17) LONGITUDINAL PARTIAL DEPTH PATCHING

**(18) PROPOSED HMA SURFACE REMOVAL, 5"

(19) LONGITUDINAL PARTIAL DEPTH REMOVAL, 3"

20) PAVED SHOULDER REMOVAL

(21) PROPOSED SUBBASE GRANULAR MATERIAL TYPE B, 4"

(22) PROPOSED HMA SHOULDERS, 10"

PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"

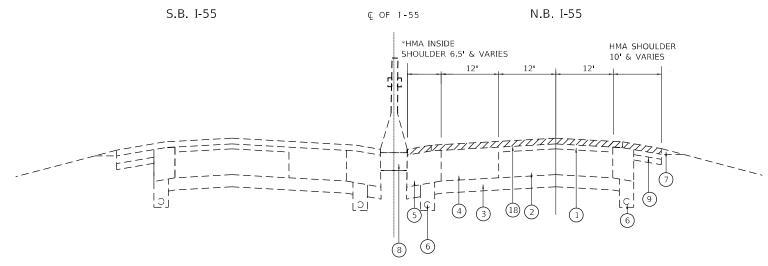
PROPOSED HMA SURFACE COURSE, MIX "D" IL-9.5, N70, 1 1/2" (RAMPS)

*PROPOSED POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80, 2 1/2" PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "F", N80, 2.0" STA 612+00 TO 735+49

**PROPOSED HMA SURFACE REMOVAL, 4 1/2" STA 612+00 TO STA 735+49

***PROPOSED HMA BINDER COURSE, IL-19, N70, 2 1/2" PROPOSED HMA SURFACE COURSE, MIX "D", N70, 2.0" STA 612+00 TO STA 735+49

****PROPOSED HMA SURFACE REMOVAL, 1/2" PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 1 1/4" PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 1/2" TO BE INSTALLED ON MILLED HMA RAMP SECTIONS SEE PLANS AND DETAIL FOR LOCATIONS

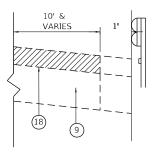


I-55 NB EXISTING TYPICAL CROSS SECTION APPROXIMATE LOCATION(S) STA. 17+93 TO STA. 735+49

LOOKING NORTH

(INSIDE SHOULDER WIDTH NARROWS TO 4.5' STA 351+14 TO 388+34 AND STA 612+00 TO 621+87)





HMA OUTSIDE SHOULDER WITH GUARDRAIL

WILL 129 12

CONTRACT NO. 62K51

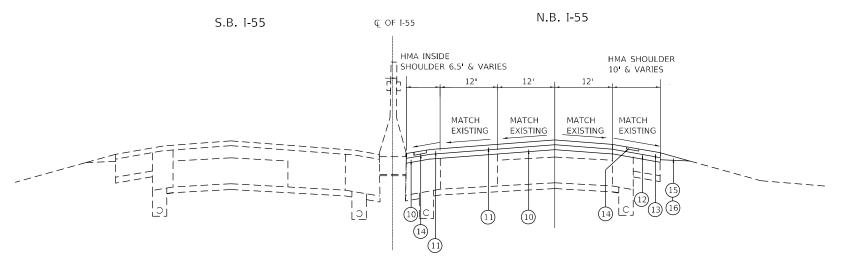
GRaEF

USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

	TYPICAL SECTION	F.A.I. RTE	SECTION
	I-55 (SOUTH OF I-80 TO WEBER ROAD)	55	2019-155-R
_	,		
	CHEET OF CHEETEL CTA TO CTA		71.1.00

LEGEND

- 1) EXISTING HMA SURFACE COURSE
- 2 EXISTING P.C.C. BASE COURSE
- (3) EXISTING AGGREGATE SUBGRADE
- 4 EXISTING HMA BASE COURSE
- 5 EXISTING HMA SHOULDER, DEPTH VARIES
- (14" TO 18.5")
- (6) EXISTING PIPE UNDERDRAIN
- (7) EXISTING AGGREGATE SHOULDER
- (8) EXISTING CONC. BARRIER WALL DOUBLE FACE (2'-3' WIDE)
- (9) EXISTING HMA SHOULDER, DEPTH VARIES (6" TO 9.5" ON 6" & VAR. SUBBASE)
- *(10) PROPOSED POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80, 3.0"
- *(1) PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "F", N80, 2.0"
- ***(12) PROPOSED HMA BINDER COURSE, IL-19.0, N70, 3.0" (MAINLINE SHOULDERS)
- ***(13) PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 2" (14) PROPOSED SHOULDER RUMBLE STRIPS, 16 INCH
- (15) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE "B"
- (16) PROPOSED GRADING AND SHAPING SHOULDER
- (17) LONGITUDINAL PARTIAL DEPTH PATCHING
- **(18) PROPOSED HMA SURFACE REMOVAL, 5"
- (19) LONGITUDINAL PARTIAL DEPTH REMOVAL, 3"
- (20) PAVED SHOULDER REMOVAL
- (21) PROPOSED SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (22) PROPOSED HMA SHOULDERS, 10"
- ****23 PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4" (RAMPS)
- PROPOSED HMA SURFACE COURSE, MIX "D" IL-9.5, N70, 1 1/2"
- *PROPOSED POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80, 2 1/2" PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "F", N80, 2.0" STA 612+00 TO 735+49
- **PROPOSED HMA SURFACE REMOVAL, 4 1/2" STA 612+00 TO STA 735+49
- ***PROPOSED HMA BINDER COURSE, IL-19, N70, 2 1/2" PROPOSED HMA SURFACE COURSE, MIX "D", N70, 2.0"
- STA 612+00 TO STA 735+49 ****PROPOSED HMA SURFACE REMOVAL, 1/2" PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 1 1/4" PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 1/2" TO BE INSTALLED ON MILLED HMA RAMP SECTIONS SEE PLANS AND DETAIL FOR LOCATIONS

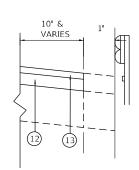


I-55 NB PROPOSED TYPICAL CROSS SECTION STA. 17+93 TO STA. 735+49

LOOKING NORTH

(INSIDE SHOULDER WIDTH NARROWS TO 4.5' STA 351+14 TO 388+34 AND STA 612+00 TO 621+87)

RAISED REFLECTIVE MARKERS TO BE INSTALLED PER STANDARD TC-11



PROPOSED TYPICAL

CROSS SECTION

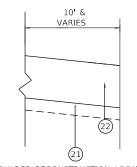
HMA OUTSIDE SHOULDER WITH GUARDRAIL

PROPOSED TYPICAL SECTION - SHOULDER RECONSTRUCTION

OUTSIDE SHOULDER CONSTRUCTED IN CONTRACT 62N22

STA 411+50 TO STA 417+77 STA 420+44 TO STA 434+50 STA 437+50 TO STA 439+46 STA 452+30 TO STA 460+60 STA 462+12 TO STA 470+40 STA 534+43 TO STA 540+69 STA 542+63 TO STA 549+15

THE OUTSIDE SHOULDER CONSTRUCTED IN CONTRACT 62N22 SHALL BE RESURFACED (NEW SURFACE AND BINDER) AS SHOWN UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



SHOULDER RECONSTRUCTION LOCATIONS



USER NAME = \$USER\$	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -	
PLOT DATE = \$DATE\$	DATE -	REVISED -	

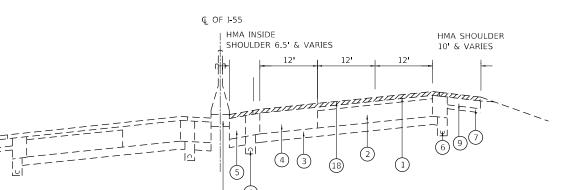
TYPICAL SECTION							
I-55 (SOUTH OF I-80 TO	WEBER	ROAD)					
CHEET OF CHEETC	CTA	TO 574					

F.A.I. RTE	SEC ⁻	LION		COUNTY	TOTAL SHEETS	SHEE NO.
55	2019-1	WILL	129	13		
			CONTRACT NO. 62K5			
		ILLINOIS	FED. A	ID PROJECT		

LEGEND

- 1) EXISTING HMA SURFACE COURSE
- 2 EXISTING P.C.C. BASE COURSE
- (3) EXISTING AGGREGATE SUBGRADE
- 4 EXISTING HMA BASE COURSE
- $\underbrace{ \text{5)}}_{\text{(14" TO } 18.5")} \text{EXISTING HMA SHOULDER, DEPTH VARIES}$
- (6) EXISTING PIPE UNDERDRAIN
- 7) EXISTING AGGREGATE SHOULDER
- (8) EXISTING CONC. BARRIER WALL DOUBLE FACE (2'-3' WIDE)
- 9 EXISTING HMA SHOULDER, DEPTH VARIES (6" TO 9.5" ON 6" & VAR. SUBBASE)
- *(10) PROPOSED POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80, 3.0"
- *11) PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "F", N80, 2.0"
- ***(12) PROPOSED HMA BINDER COURSE, IL-19.0, N70, 3.0" (MAINLINE SHOULDERS)
- ***(13) PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 2"
- 14) PROPOSED SHOULDER RUMBLE STRIPS, 16 INCH
- (15) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE "B"
- (16) PROPOSED GRADING AND SHAPING SHOULDER
- 17) LONGITUDINAL PARTIAL DEPTH PATCHING
- **(18) PROPOSED HMA SURFACE REMOVAL, 5"
- (19) LONGITUDINAL PARTIAL DEPTH REMOVAL, 3"
- 20) PAVED SHOULDER REMOVAL
- (21) PROPOSED SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (22) PROPOSED HMA SHOULDERS, 10"
- ****23 PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4" (RAMPS)
- *****(24) PROPOSED HMA SURFACE COURSE, MIX "D" IL-9.5, N70, 1 1/2" (RAMPS)
- *PROPOSED POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80, 2 1/2"
 PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "F", N80, 2.0"
 STA 612+00 TO 735+49
- **PROPOSED HMA SURFACE REMOVAL, 4 1/2" STA 612+00 TO STA 735+49
- ***PROPOSED HMA BINDER COURSE, IL-19, N70, 2 1/2" PROPOSED HMA SURFACE COURSE, MIX "D", N70, 2.0" STA 612+00 TO STA 735+49
- ****PROPOSED HMA SURFACE REMOVAL, 1/2"
 PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 1 1/4"
 PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 1/2"
 TO BE INSTALLED ON MILLED HMA RAMP SECTIONS
 SEE PLANS AND DETAIL FOR LOCATIONS

S.B. I-55



I-55 NB EXISTING SUPERELEVATED TYPICAL CROSS SECTION APPROXIMATE LOCATION(S) STA. 17+93 TO STA. 735+49

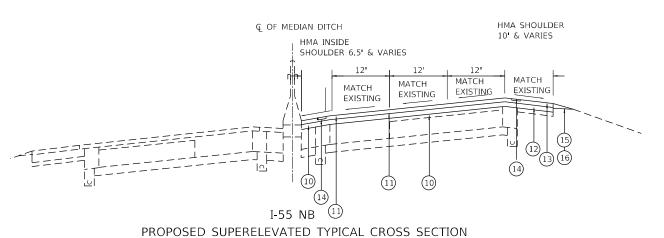
LOOKING NORTH

(INSIDE SHOULDER WIDTH NARROWS TO 4.5' STA 351+14 TO 388+34 AND STA 612+00 TO 621+87)

S.B. I-55

N.B. I-55

N.B. I-55

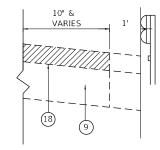


LOOKING NORTH

STA. 17+93 TO STA. 735+49

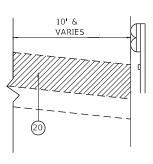
(EXISTING SURFACE, MILLED SURFACES AND BINDER LIFT SHALL BE COATED WITH TACK COAT PRIOR TO PAVING)

EXISTING TYPICAL CROSS SECTION

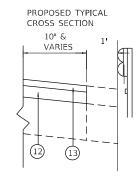


HMA OUTSIDE SHOULDER WITH GUARDRAIL

SHOULDER RECONSTRUCTION

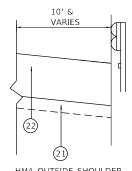


HMA OUTSIDE SHOULDER WITH GUARDRAIL



HMA OUTSIDE SHOULDER WITH GUARDRAIL

PROPOSED TYPICAL
SECTION - SHOUDLER RECONSTRUCTION



HMA OUTSIDE SHOULDER WITH GUARDRAIL

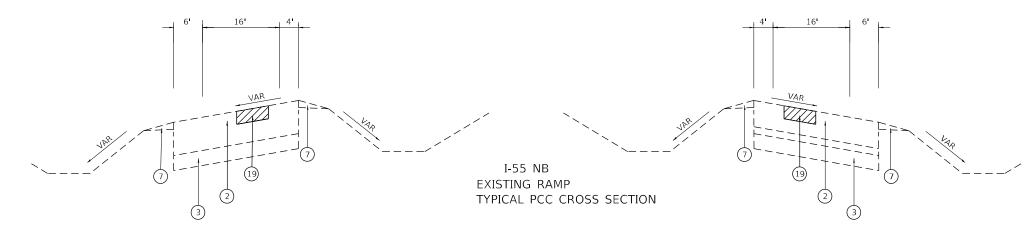


USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

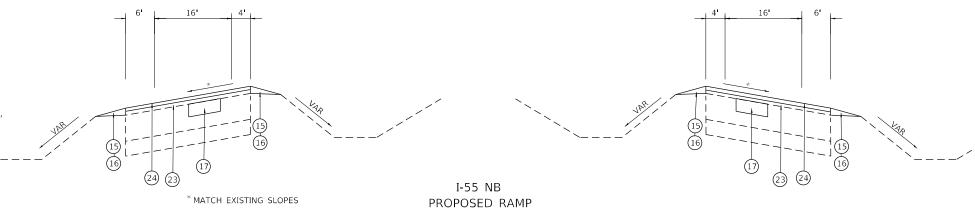
TYPICAL SECTION							
I–55 (SOUTH OF	I-80 TO	WEBER	ROAD)			
SHEET	OF	SHEETS	STA.		TO STA.		

LEGEND

- 1) EXISTING HMA SURFACE COURSE
- 2 EXISTING P.C.C. BASE COURSE
- (3) EXISTING AGGREGATE SUBGRADE
- 4 EXISTING HMA BASE COURSE
- $\underbrace{ \text{5)}}_{ \text{(14" TO } 18.5")} \text{EXISTING HMA SHOULDER, DEPTH VARIES}$
- (6) EXISTING PIPE UNDERDRAIN
- (7) EXISTING AGGREGATE SHOULDER
- (8) EXISTING CONC. BARRIER WALL DOUBLE FACE (2'-3' WIDE)
- (9) EXISTING HMA SHOULDER, DEPTH VARIES (6" TO 9.5" ON 6" & VAR. SUBBASE)
- *(10) PROPOSED POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80, 3.0"
- *(1) PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "F", N80, 2.0"
- ***(12) PROPOSED HMA BINDER COURSE, IL-19.0, N70, 3.0" (MAINLINE SHOULDERS)
- ***(13) PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 2"
- (14) PROPOSED SHOULDER RUMBLE STRIPS, 16 INCH
- (15) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE "B"
- (16) PROPOSED GRADING AND SHAPING SHOULDER
- (17) LONGITUDINAL PARTIAL DEPTH PATCHING
- **(18) PROPOSED HMA SURFACE REMOVAL, 5"
- (19) LONGITUDINAL PARTIAL DEPTH REMOVAL, 3"
- (20) PAVED SHOULDER REMOVAL
- (21) PROPOSED SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (22) PROPOSED HMA SHOULDERS, 10"
- PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4" (RAMPS)
- ****24) PROPOSED HMA SURFACE COURSE, MIX "D" IL-9.5, N70, 1 1/2" (RAMPS)
- *PROPOSED POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80, 2 1/2" PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "F", N80, 2.0" STA 612+00 TO 735+49
- **PROPOSED HMA SURFACE REMOVAL, 4 1/2" STA 612+00 TO STA 735+49
- ***PROPOSED HMA BINDER COURSE, IL-19, N70, 2 1/2" PROPOSED HMA SURFACE COURSE, MIX "D", N70, 2.0" STA 612+00 TO STA 735+49
- ****PROPOSED HMA SURFACE REMOVAL, 1/2"
 PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 1 1/4"
 PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 1/2" TO BE INSTALLED ON MILLED HMA RAMP SECTIONS SEE PLANS AND DETAIL FOR LOCATIONS



(RAMPS AT IL-126 AND US-30 REQUIRE HMA SURFACE REMOVAL AND OVERLAY, SEE PLANS AND DETAILS FOR LOCATIONS)



TYPICAL PCC CROSS SECTION

(RAMPS AT IL-126 AND US-30 REQUIRE HMA SURFACE REMOVAL AND OVERLAY, SEE PLANS AND DETAILS FOR LOCATIONS)

GR a EF
8501 W. Higgins Road; Suite 280 Chicago, Illinois 60631 (773) 399-0112

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -
	DRAWN - CHECKED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION							F.A.I. RTE	
I-55 (SO	IITH OF	I_80 TO	WERE	ROAD)			55	2
1-33 (86)	0111 01	1-00 10	VVLDLI	i ilono,				
SHEET	OF	SHEETS	STA		TO STA			

SECTION 2019-155-RS WILL 129 15 CONTRACT NO. 62K51

* MATCH EXISTING SLOPES

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	1	<u> </u>
MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
-55 MAINELINE AND INSIDE SHOULDER PAVEMENT RESURFACING	·	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "F", N80 (2")	3.5% @ 80 Gyr.	PFP
OLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80 (2 1/2") (SEE PLANS OR LOCATIONS)	3.5% @ 80 Gyr.	PFP
OLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80 (3") (SEE PLANS FOR OCATIONS)	3.5% @ 80 Gyr.	PFP
-55 OUTSIDE SHOULDER RESURFACING		
IOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (2")	4.0% @ 70 Gyr.	QC/QA
IOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/2") (SEE PLANS FOR LOCATIONS)	4.0% @ 70 Gyr.	QC/QA
IOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (3") (SEE PLANS FOR LOCATIONS)	4.0% @ 70 Gyr.	QC/QA
OUTSIDE SHOULDER RECONSTRUCTION - HMA SHOULDER 10"	·	
IOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (2")	4.0% @ 70 Gyr.	QC/QA
IOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (8")	4.0% @ 70 Gyr.	QC/QA
CLASS D PATCHING		
IOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4.0% @ 70 Gyr.	QC/QA
ONGITUDINAL PARTIAL DEPTH PATCHES (PCC RAMPS)		
IOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (3")	4.0% @ 70 Gyr.	QC/QA
AMP OVERLAY (PCC SECTION)		
IOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (1 1/2")	4.0% @ 70 Gyr.	QC/QA
OLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")	3.5% @ 50 Gyr.	QC/QA
AMP OVERLAY (MILLED HMA SECTION)		
IOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (1 1/2")	4.0% @ 70 Gyr.	QC/QA
OLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (1 1/4")	3.5% @ 50 Gyr.	QC/QA

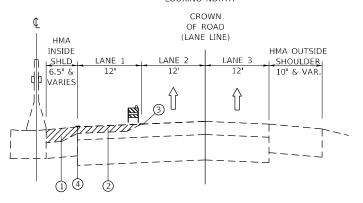
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SQ YD/IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE
"PG 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS. QUALITY
MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA
MIXTURE.

GR@EF 8501 W. Higgins Road; Suite 280 Chicago, Illinois 60631 (773) 399-0112

USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

MIX TABLE	F.A.I. RTE			COUNTY	TOTAL SHEETS	SHEET NO.
I-55 (SOUTH OF I-80 TO WEBER ROAD)	55	2019-155-RS		WILL	129	16
1-33 (300111 OI 1-00 IO WEDEN NOAD)				CONTRACT	NO. 62	2K51
SHEET OF SHEETS STA. TO STA.		ILLINOIS	FED. AID	PROJECT		

I-55 (NORTH BOUND) LOOKING NORTH



OPERATION 1

- ① HMA SURFACE REMOVAL, 5"
- 2 HMA SURFACE REMOVAL, 2"

SYMBOLS:

MILLING

PAVING

- 3 EPOXY PAVEMENT MARKING, 5" LANE LINE (SKIP-DASH), WHITE
- 4 EPOXY PAVEMENT MARKING, 4" EDGE LINE, YELLOW

I-55 (NORTH BOUND) LOOKING NORTH

NOTES:

OVER 2".

1. PATCHING WORK SHALL BE DONE BEFORE MILLING.

2. GRADE DIFFERENTIAL BETWEEN LANES SHALL NOT EXCEED 3". 3. BARRICADES/DRUMS TO BE PLACED ON THE SHOULDER WITHIN 2'

OF THE EDGE OF THE PAVEMENT DURING NON-WORKING HOURS. 4. PROPOSED HMA LONGITUDINAL JOINT SEALANT SHALL BE APPLIED

OVER FINAL MILLED SURFACE AND OVER PROPOSED SMA BINDER

COURSE ON MAINLINE RESURFACING. FOR RAMP RESURFACING,

5. PLACE NOTCHED LONGITUDINAL WEDGES AT 2:1 BETWEEN LANES,

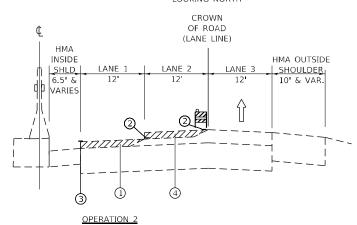
UTILIZING SAME ASPHALT MATERIAL FOR HEIGHT DIFFERENTIALS

7. ALL WORK IS TO TAKE PLACE OVERNIGHT AND LANE CLOSURES SHALL

IT WILL BE PLACED OVER THE POLYMERIZED BINDER MIX.

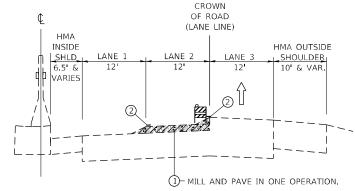
6. THE CONTRACTOR WILL ONLY BE PAID FOR HMA SURFACE REMOVAL, 5" ONCE, WHETHER THEY HAVE TWO SEPARATE MILLING OPERATIONS OR ONE 5" MILLING OPERATION.

BE OPEN FOR DAY TIME TRAFFIC.



- ② EPOXY PAVEMENT MARKING, 5" LANE LINE (SKIP-DASH), WHITE

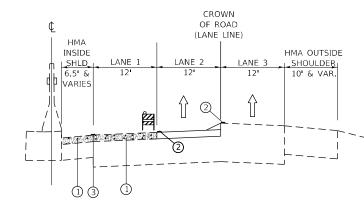
I-55 (NORTH BOUND) LOOKING NORTH



OPERATION 3

- 1 HMA SURFACE REMOVAL, 3" PROP. POLY. HMA BINDER COURSE, SMA, 12.5, N80, 3"
- 2 WET REFLECTIVE TEMPORARY TAPE TYPE IV, 5" LANE LINE (SKIP-DASH), WHITE

I-55 (NORTH BOUND) LOOKING NORTH



OPERATION 4

- ① PROP. POLY. HMA BINDER COURSE, SMA, 12.5, N80, 3"
- ② WET REFLECTIVE TEMPORARY TAPE TYPE IV, 5" LANE LINE (SKIP-DASH), WHITE
- WET REFLECTIVE TAPE TYPE IV, 4" EDGE LINE, YELLOW

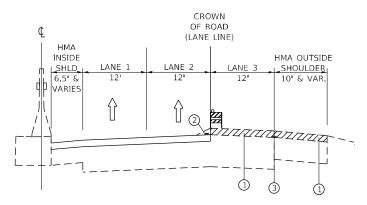
- 1 HMA SURFACE REMOVAL, 3"
- 3 EPOXY PAVEMENT MARKING, 4" EDGE LINE, YELLOW
- 4 HMA SURFACE REMOVAL, 2"

GRaEF

USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

	SUGGESTED SEQUENCE OF CONSTRUCTION							RTE SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	I-55 (SOUTH OF I-80 TO WEBER ROAD)						55	2019-155-RS		WILL	129	17
										CONTRACT	NO. 62	2K51
	SHEET	OF	SHEETS	STA.		TO STA.			ILLINOIS FED. A	ID PROJECT		

I-55 (NORTH BOUND) LOOKING NORTH



OPERATION 5

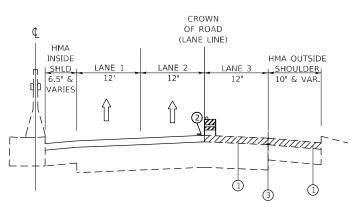
- 1 HMA SURFACE REMOVAL, 2"
- WET REFLECTIVE TEMPORARY TAPE TYPE IV, 5" LANE LINE (SKIP-DASH), WHITE
- ③ EPOXY PAVEMENT MARKING, 4" EDGE LINE, YELLOW

SYMBOLS:

MILLING

PAVING

I-55 (NORTH BOUND) LOOKING NORTH



OPERATION 6

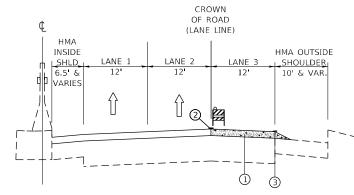
- 1 HMA SURFACE REMOVAL, 3"
- ② WET REFLECTIVE TEMPORARY TAPE TYPE IV, 5" LANE LINE (SKIP-DASH), WHITE
- ③ EPOXY PAVEMENT MARKING, 4" EDGE LINE, YELLOW

OPERATIONS 5 AND 6 MAY BE COMBINED IF DESIRED BY THE CONTRACTOR.

NOTES:

- 1. PATCHING WORK SHALL BE DONE BEFORE MILLING.
- 2. GRADE DIFFERENTIAL BETWEEN LANES SHALL NOT EXCEED 3".
- 3. BARRICADES/DRUMS TO BE PLACED ON THE SHOULDER WITHIN 2'
 OF THE EDGE OF THE PAVEMENT DURING NON-WORKING HOURS.
- 4. PROPOSED HMA LONGITUDINAL JOINT SEALANT SHALL BE APPLIED OVER FINAL MILLED SURFACE AND OVER PROPOSED SMA BINDER COURSE ON MAINLINE RESURFACING. FOR RAMP RESURFACING, IT WILL BE PLACED OVER THE POLYMERIZED BINDER MIX.
- 5. PLACE NOTCHED LONGITUDINAL WEDGES AT 2:1 BETWEEN LANES, UTILIZING SAME ASPHALT MATERIAL FOR HEIGHT DIFFERENTIALS
- 6. THE CONTRACTOR WILL ONLY BE PAID FOR HMA SURFACE REMOVAL, 5" ONCE, WHETHER THEY HAVE TWO SEPARATE MILLING OPERATIONS OR ONE 5" MILLING OPERATION.
- 7. ALL WORK IS TO TAKE PLACE OVERNIGHT AND LANE CLOSURES SHALL BE OPEN FOR DAY TIME TRAFFIC.

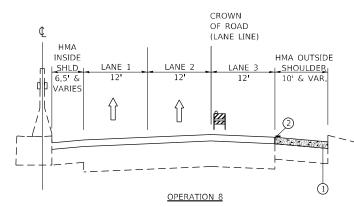
I-55 (NORTH BOUND) LOOKING NORTH



OPERATION 7

- 1 PROP. POLY. HMA BINDER COURSE, SMA, 12.5, N80, 3"
- ② WET REFLECTIVE TEMPORARY TAPE TYPE IV 5" LANE LINE (SKIP-DASH), WHITE
- ③ WET REFLECTIVE TAPE TYPE IV, 4" EDGE LINE, YELLOW

I-55 (NORTH BOUND) LOOKING NORTH



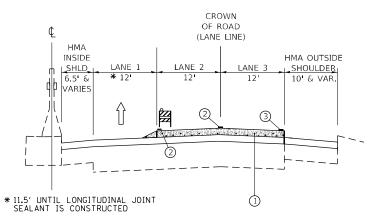
- ① PROPOSED HMA BINDER COURSE, IL-19.0, N70, 3" (OUTSIDE SHOULDER)
- ② WET REFLECTIVE TEMPORARY TAPE TYPE IV, 4" EDGE LINE, YELLOW

GRØEF 8501 W. Higgins Road: Suite 280 Chicago, Illinois 60631 (773) 399-0112

USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

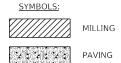
SUGGESTED SEQUENCE OF CONSTRUCTION I-55 (SOUTH OF I-80 TO WEBER ROAD)						F.A.I. RTE	SECTION			COUNTY	TOTAL SHEETS	SHEE NO.
						55	2019-155-RS			WILL	129	18
										CONTRACT	F NO. 63	2K51
	SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT		

I-55 (NORTH BOUND) LOOKING NORTH

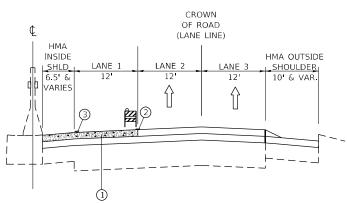


OPERATION 9

- ① PROP. POLY. HMA SURFACE COURSE, SMA, 12.5, MIX "F", N80, 2"
- ② WET REFLECTIVE TEMPORARY TAPE TYPE IV 5" LANE LINE (SKIP-DASH), WHITE
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE IV, 4" EDGE LINE, YELLOW



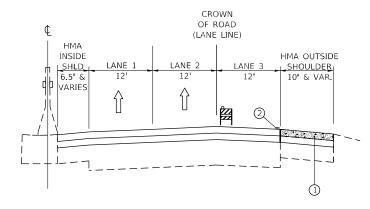
I-55 (NORTH BOUND) LOOKING NORTH



OPERATION 10

- ① PROP. POLY. HMA SURFACE COURSE, 12.5, SMA, MIX "F", N80, 2"
- WET REFLECTIVE TEMPORARY TAPE TYPE IV 5" LANE LINE (SKIP-DASH), WHITE
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE IV, 4" EDGE LINE, YELLOW

I-55 (NORTH BOUND) LOOKING NORTH



NOTES:

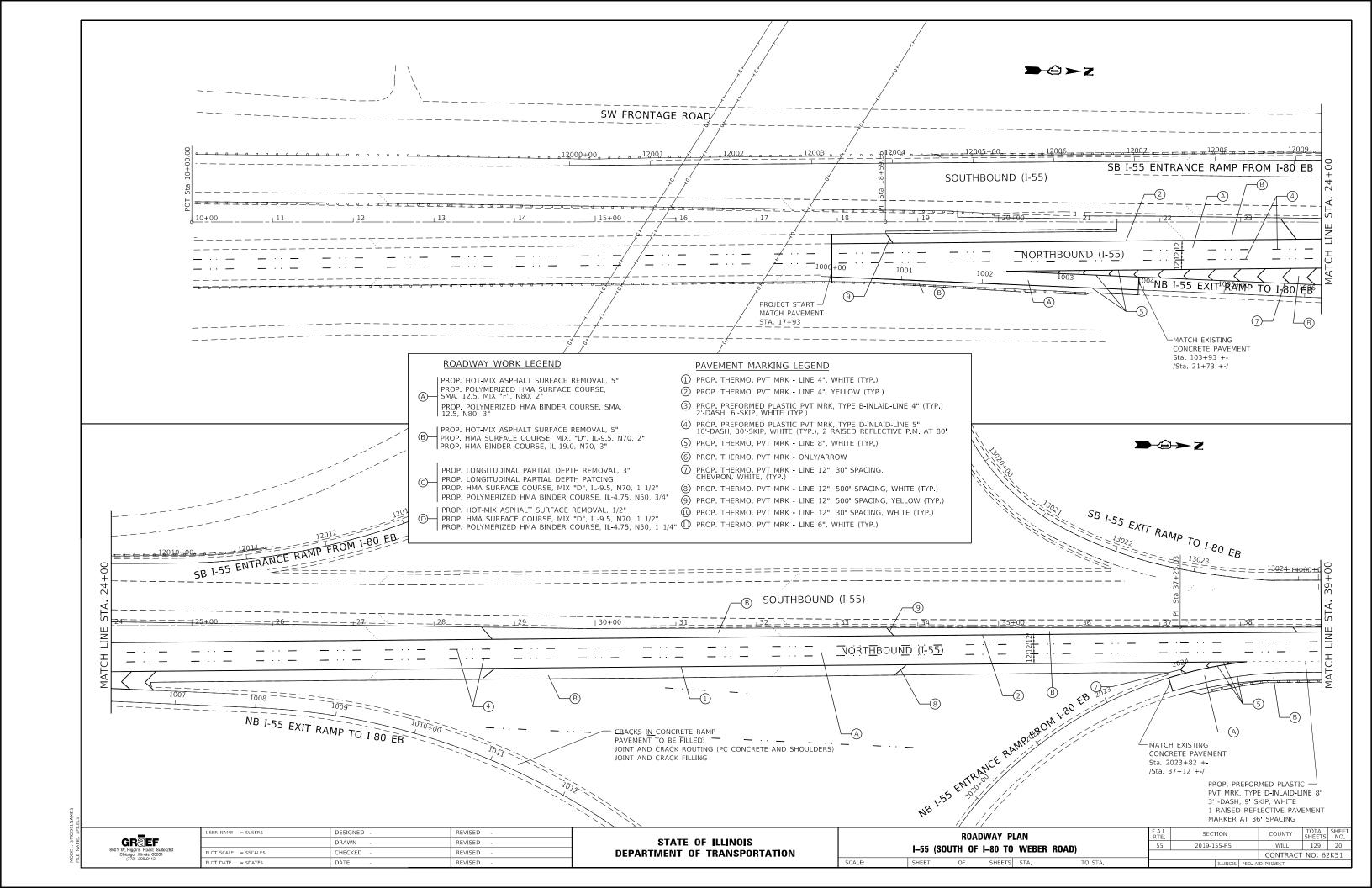
- 1. PATCHING WORK SHALL BE DONE BEFORE MILLING.
- 2. GRADE DIFFERENTIAL BETWEEN LANES SHALL NOT EXCEED 3".
- 3. BARRICADES/DRUMS TO BE PLACED ON THE SHOULDER WITHIN 2 OF THE EDGE OF THE PAVEMENT DURING NON-WORKING HOURS.
- 4. PROPOSED HMA LONGITUDINAL JOINT SEALANT SHALL BE APPLIED OVER FINAL MILLED SURFACE AND OVER PROPOSED SMA BINDER COURSE ON MAINLINE RESURFACING. FOR RAMP RESURFACING, IT WILL BE PLACED OVER THE POLYMERIZED BINDER MIX.
- 5. PLACE NOTCHED LONGITUDINAL WEDGES AT 2:1 BETWEEN LANES, UTILIZING SAME ASPHALT MATERIAL FOR HEIGHT DIFFERENTIALS OVER 2"
- 6. THE CONTRACTOR WILL ONLY BE PAID FOR HMA SURFACE REMOVAL, 5" ONCE, WHETHER THEY HAVE TWO SEPARATE MILLING OPERATIONS OR ONE 5" MILLING OPERATION.
- 7. ALL WORK IS TO TAKE PLACE OVERNIGHT AND LANE CLOSURES SHALL BE OPEN FOR DAY TIME TRAFFIC.

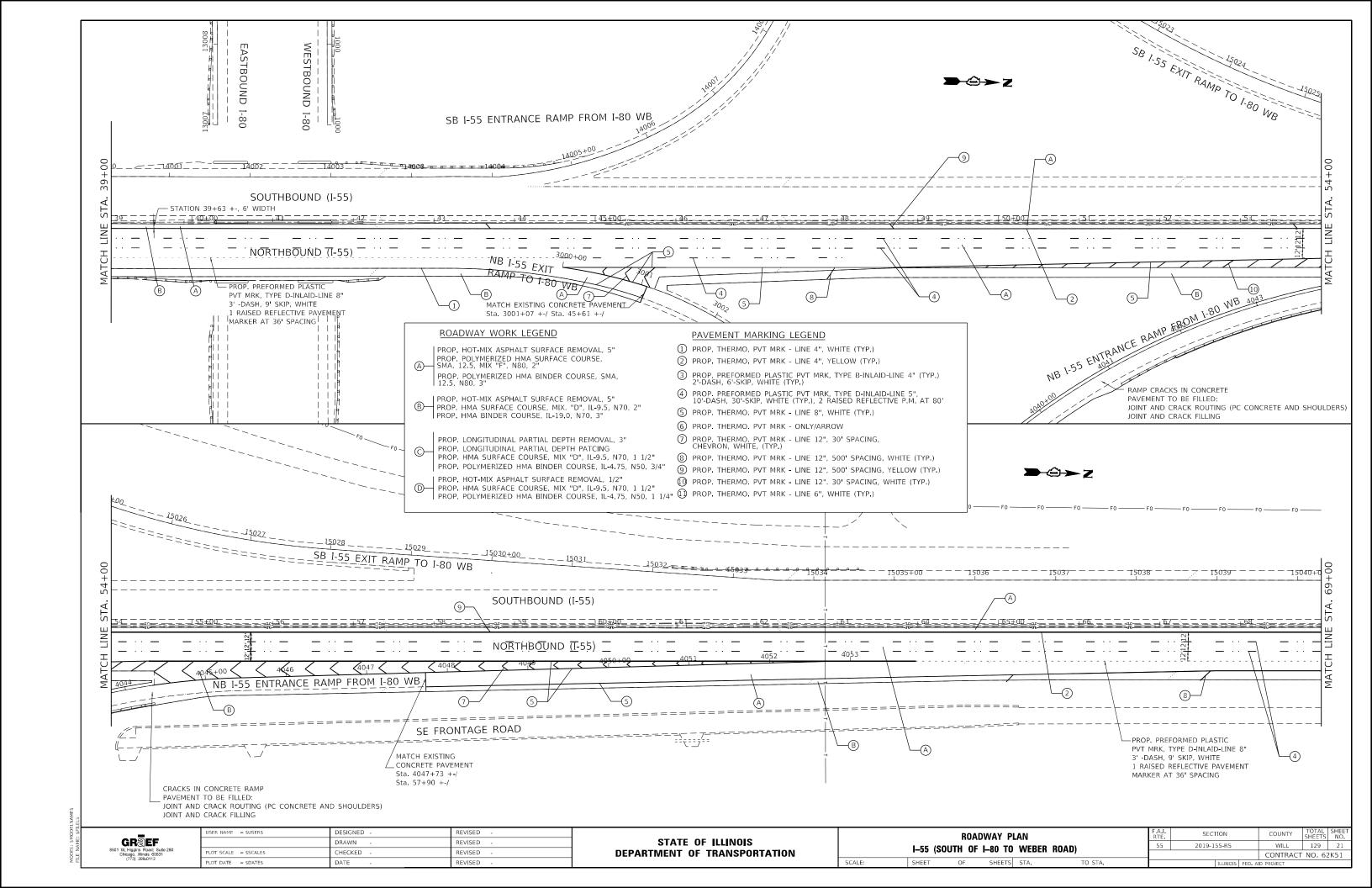
OPERATION 11

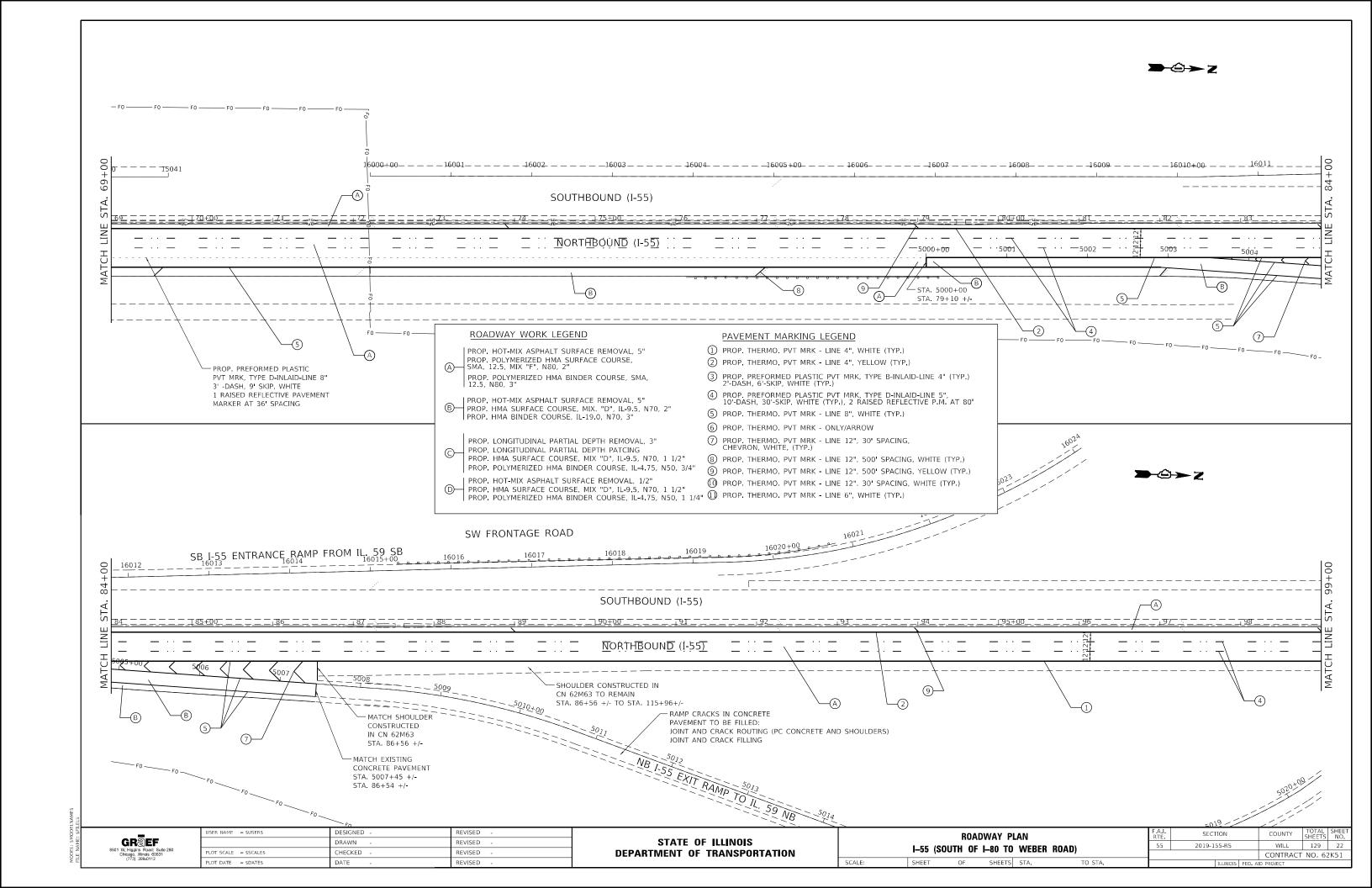
- PROP. HMA SURFACE COURSE, MIX. "D", N70, 2"
 (OUTSIDE SHOULDER)
- 2 PAVEMENT MARKING TAPE TYPE IV, 4" EDGE LINE, YELLOW

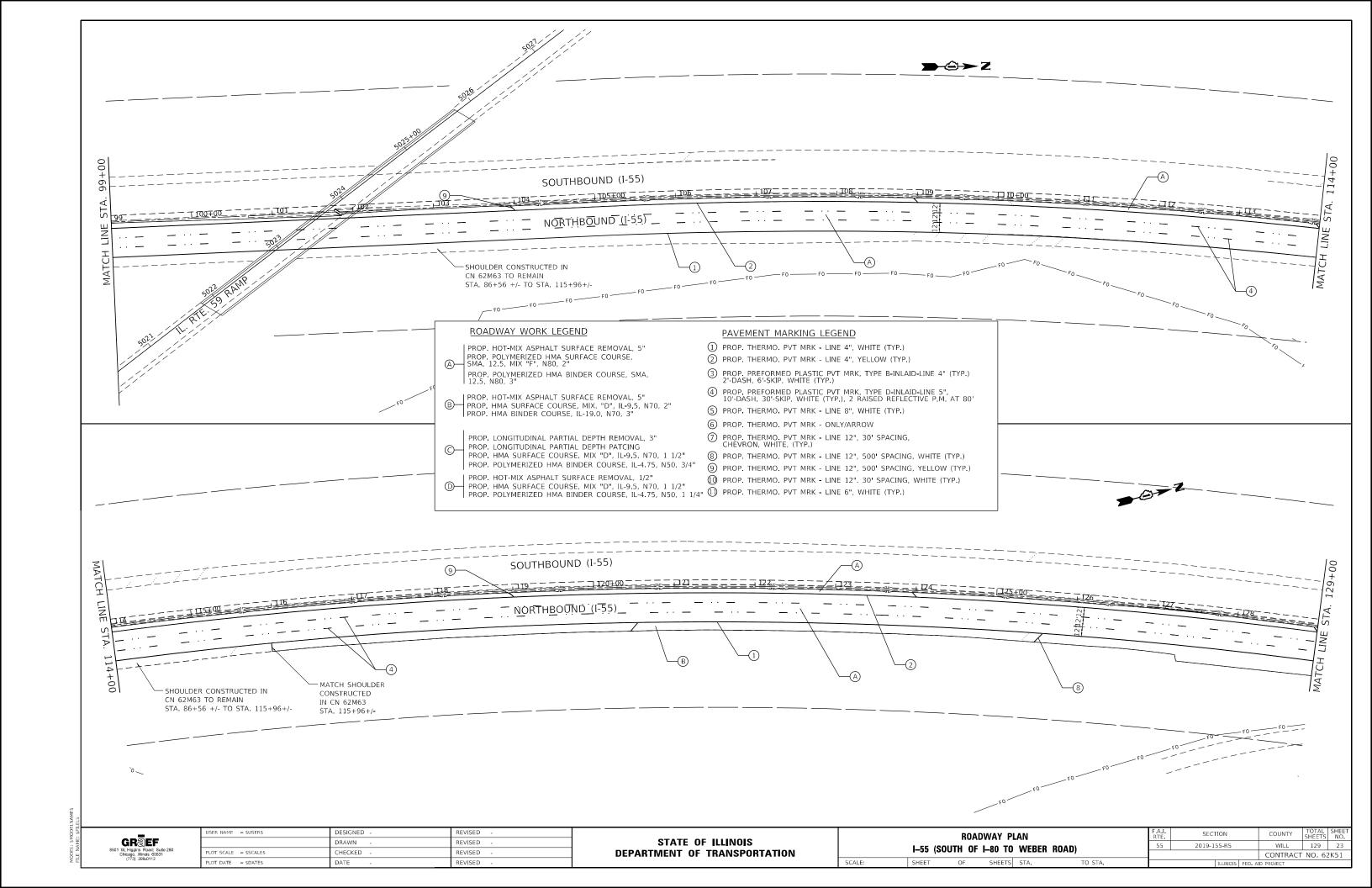
USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

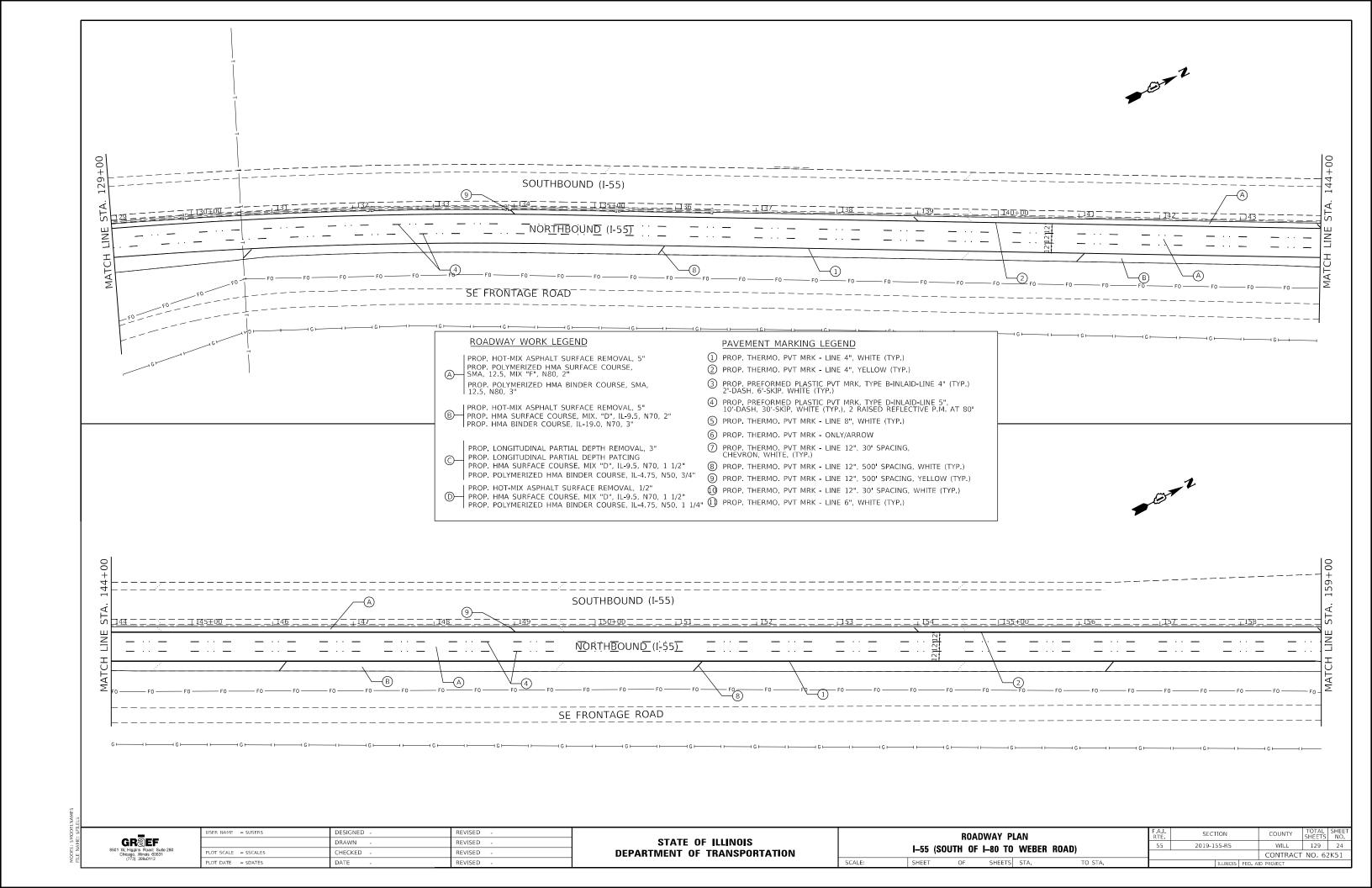
	SUGGESTED SEQUENCE OF CONSTRUCTION							SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-55 (SOUTH OF I-80 TO WEBER ROAD)						55	2019-155-RS	WILL	129	19	
								CONTRACT	NO. 67	2K51	
	SHEET	OF	SHEETS	STA.		TO STA.		ILLINOIS FED. A	ID PROJECT		

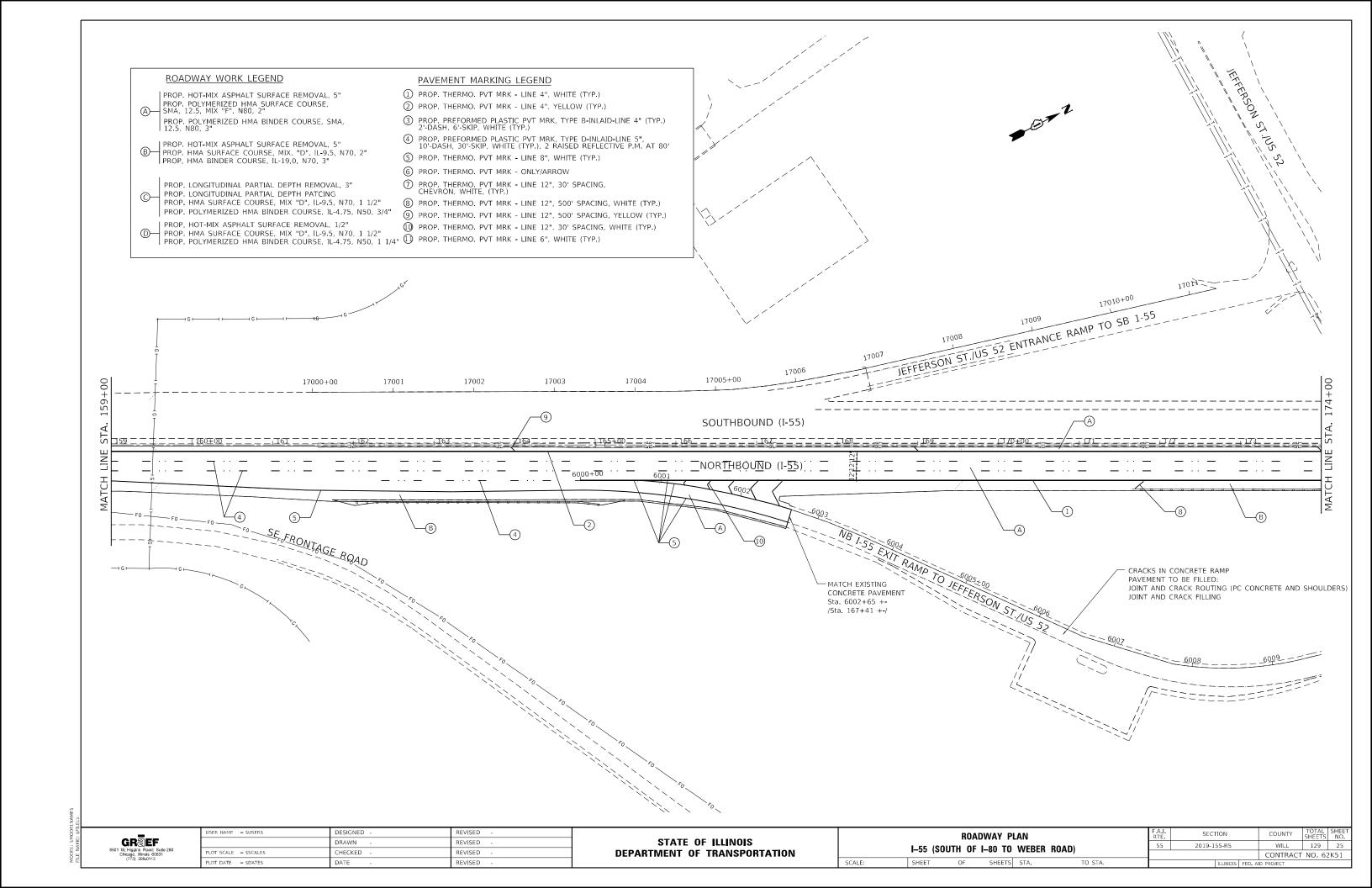


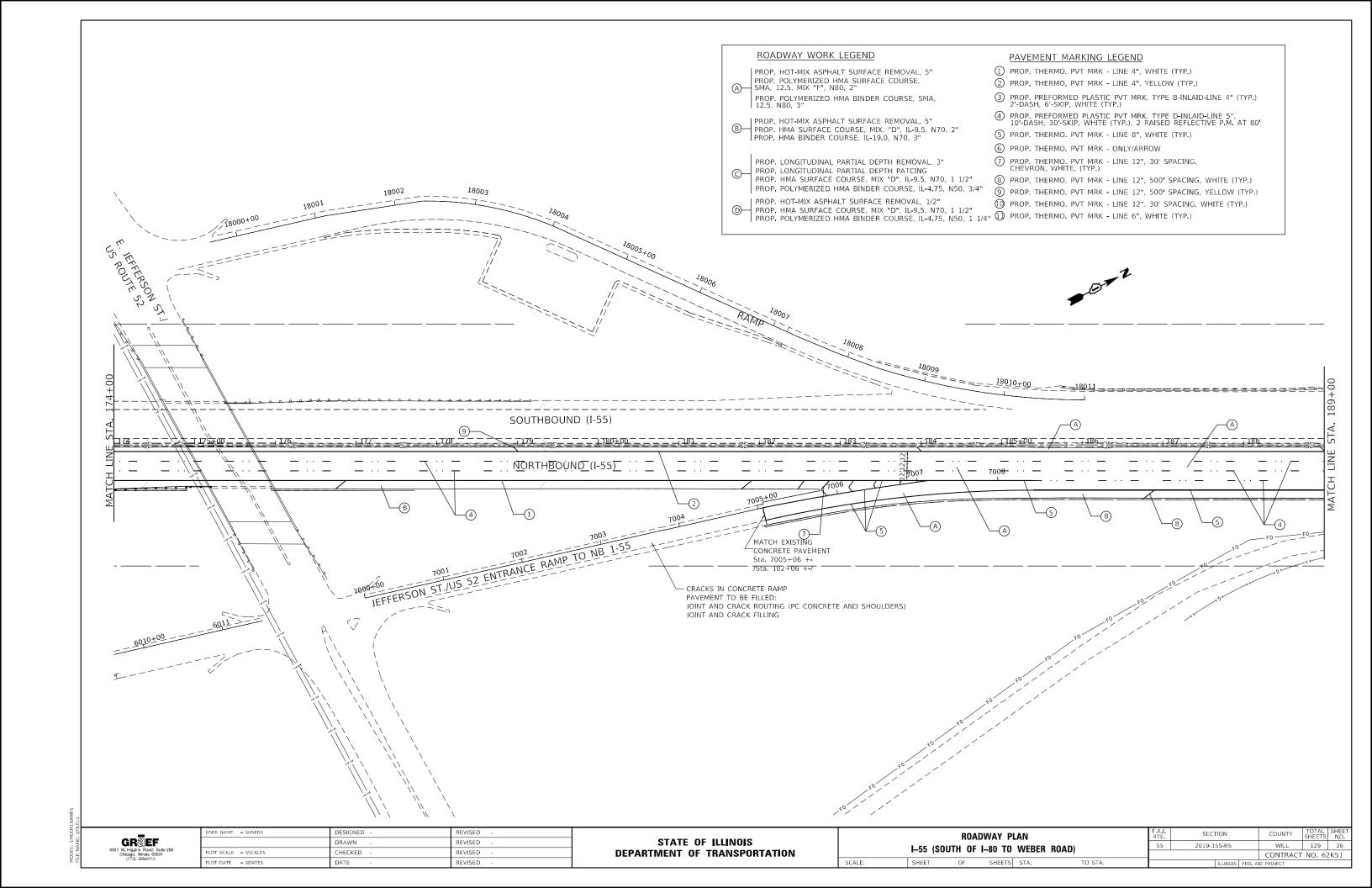


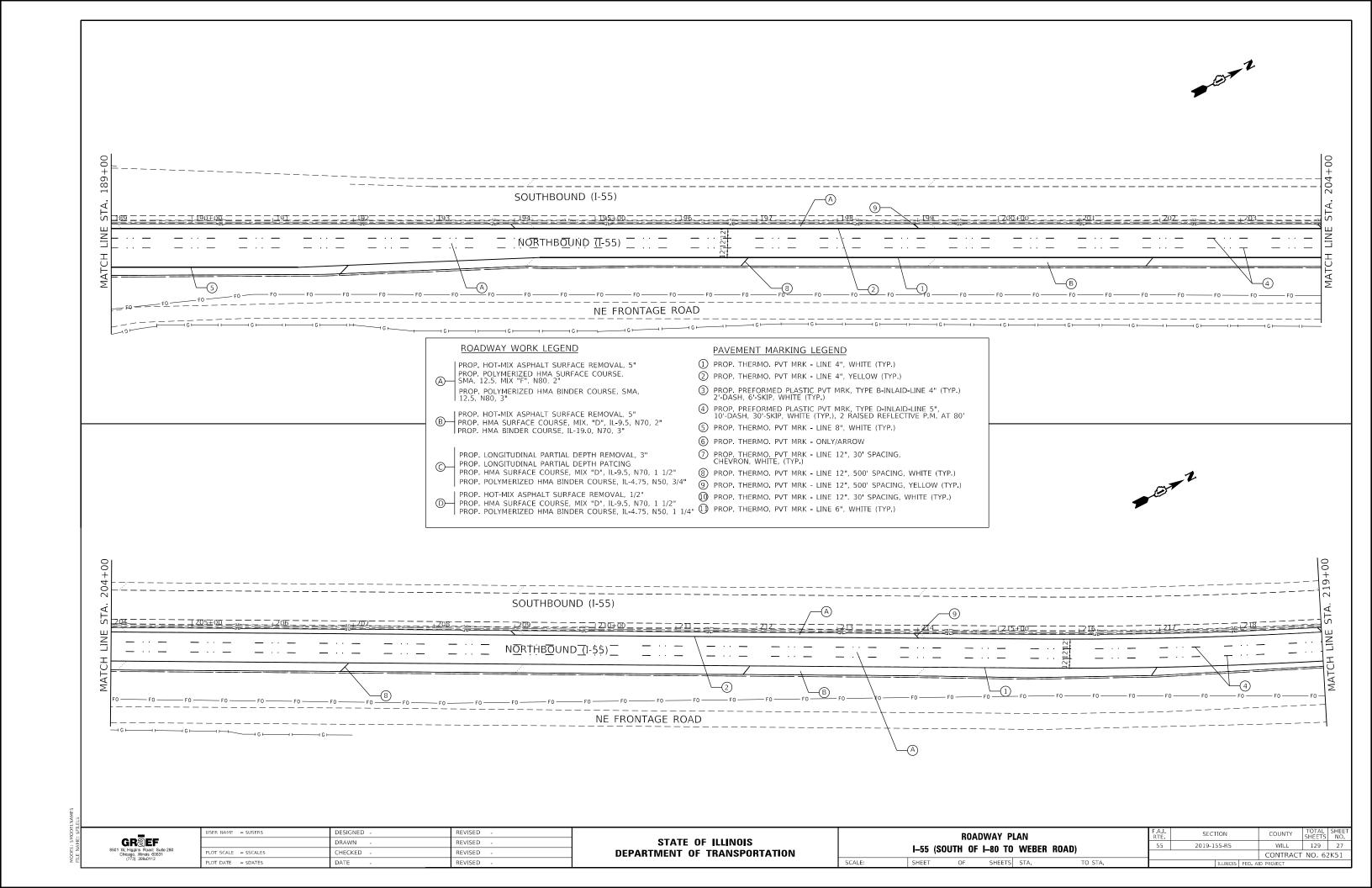


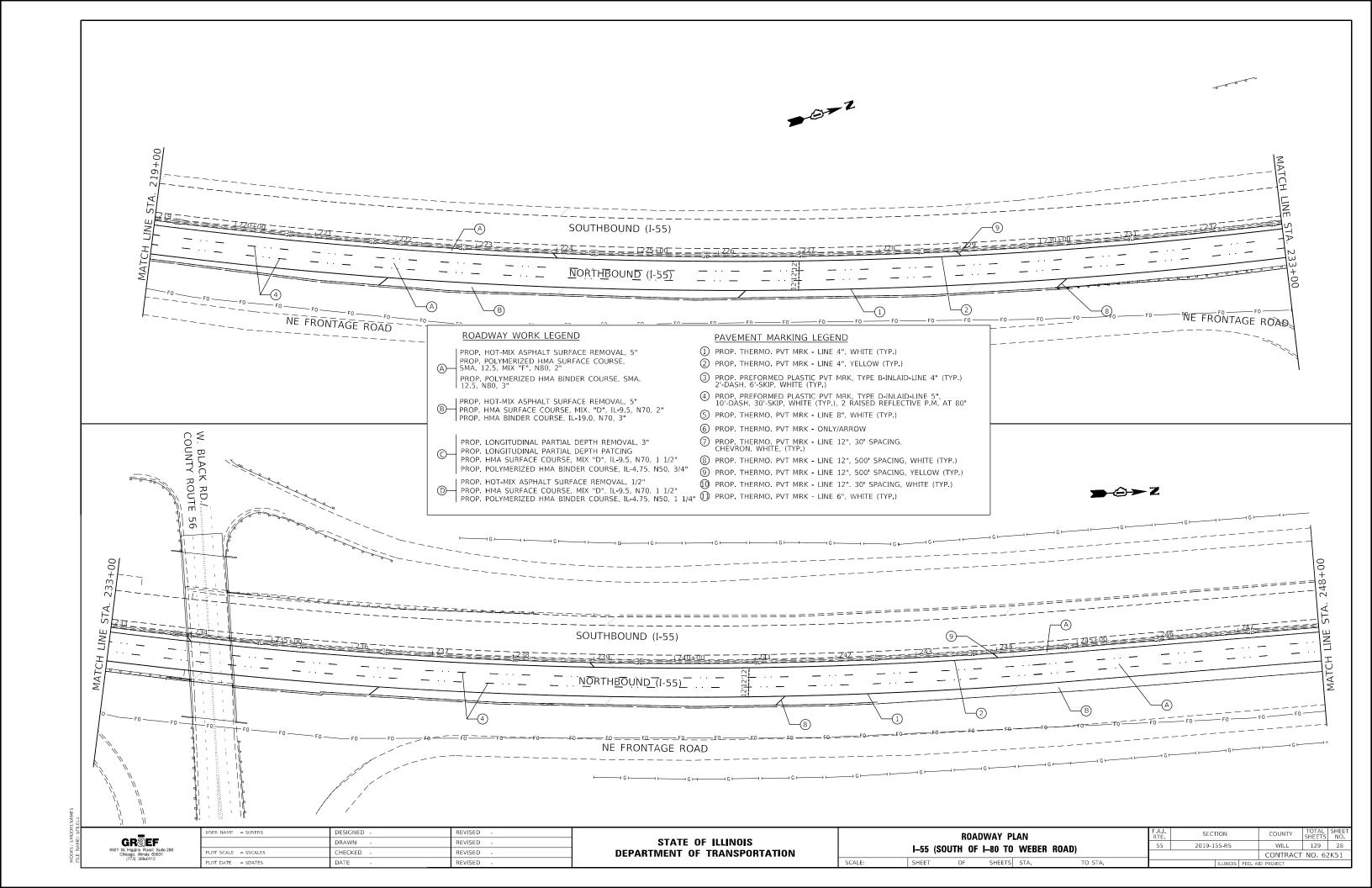


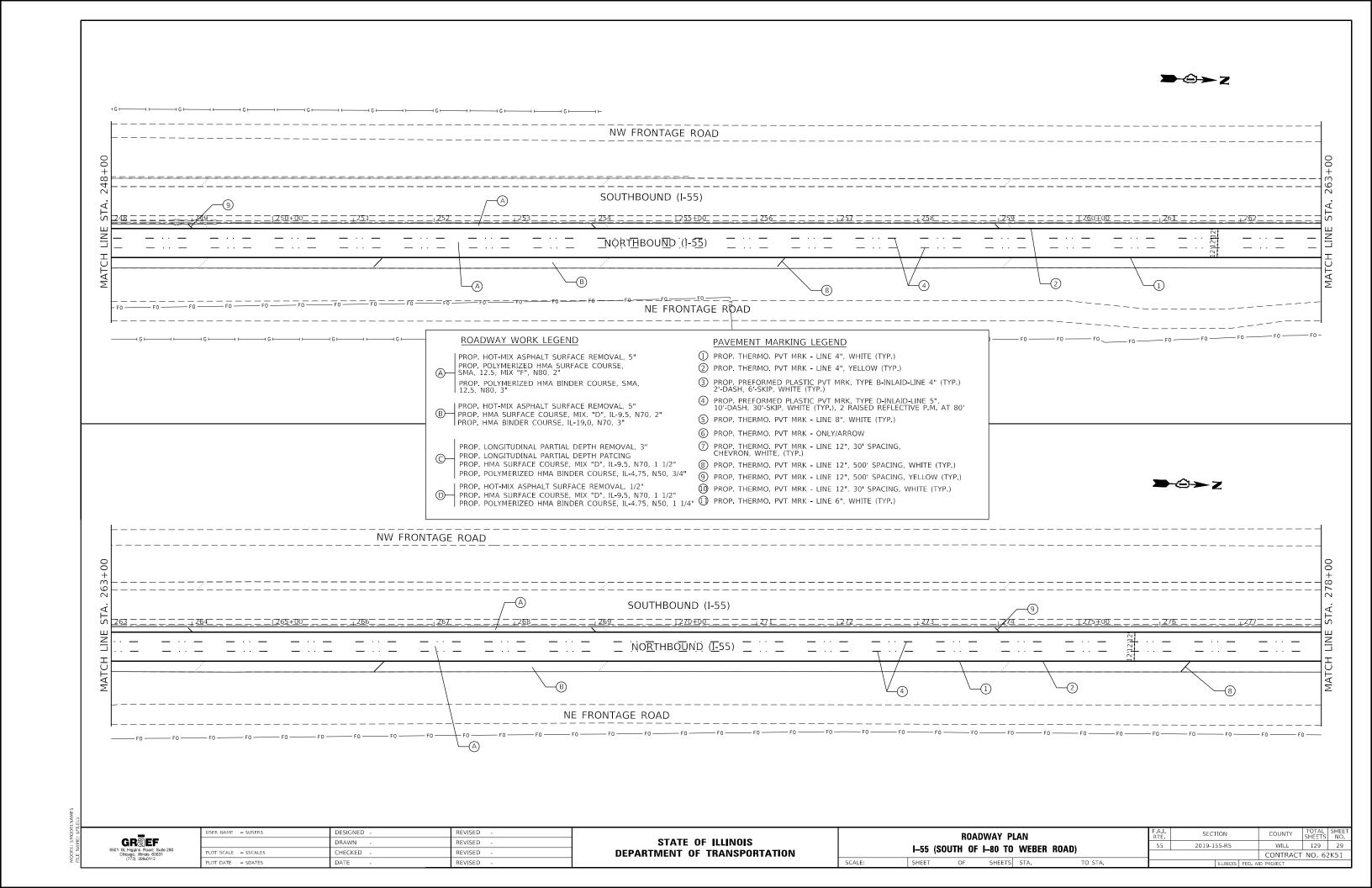


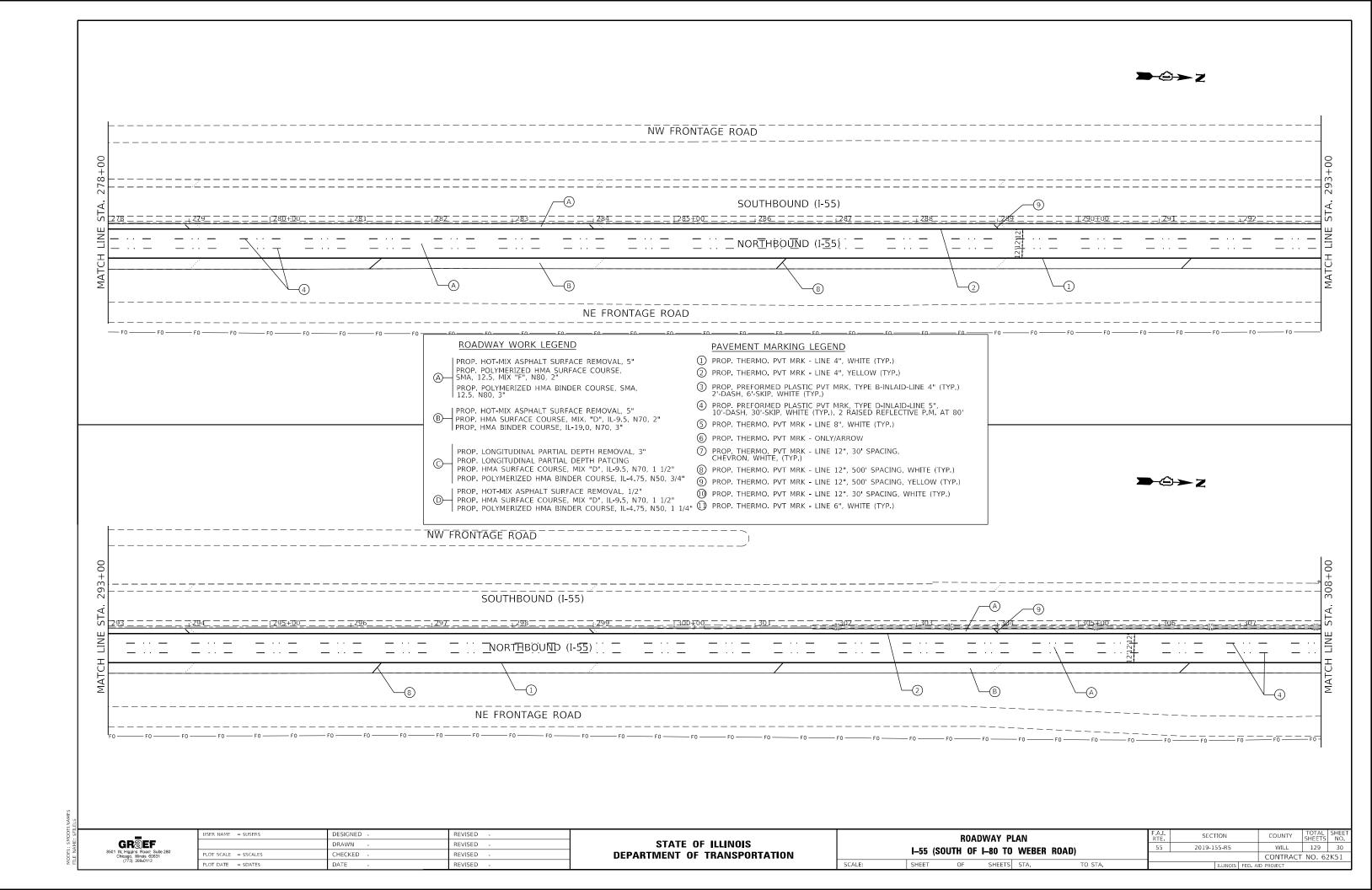


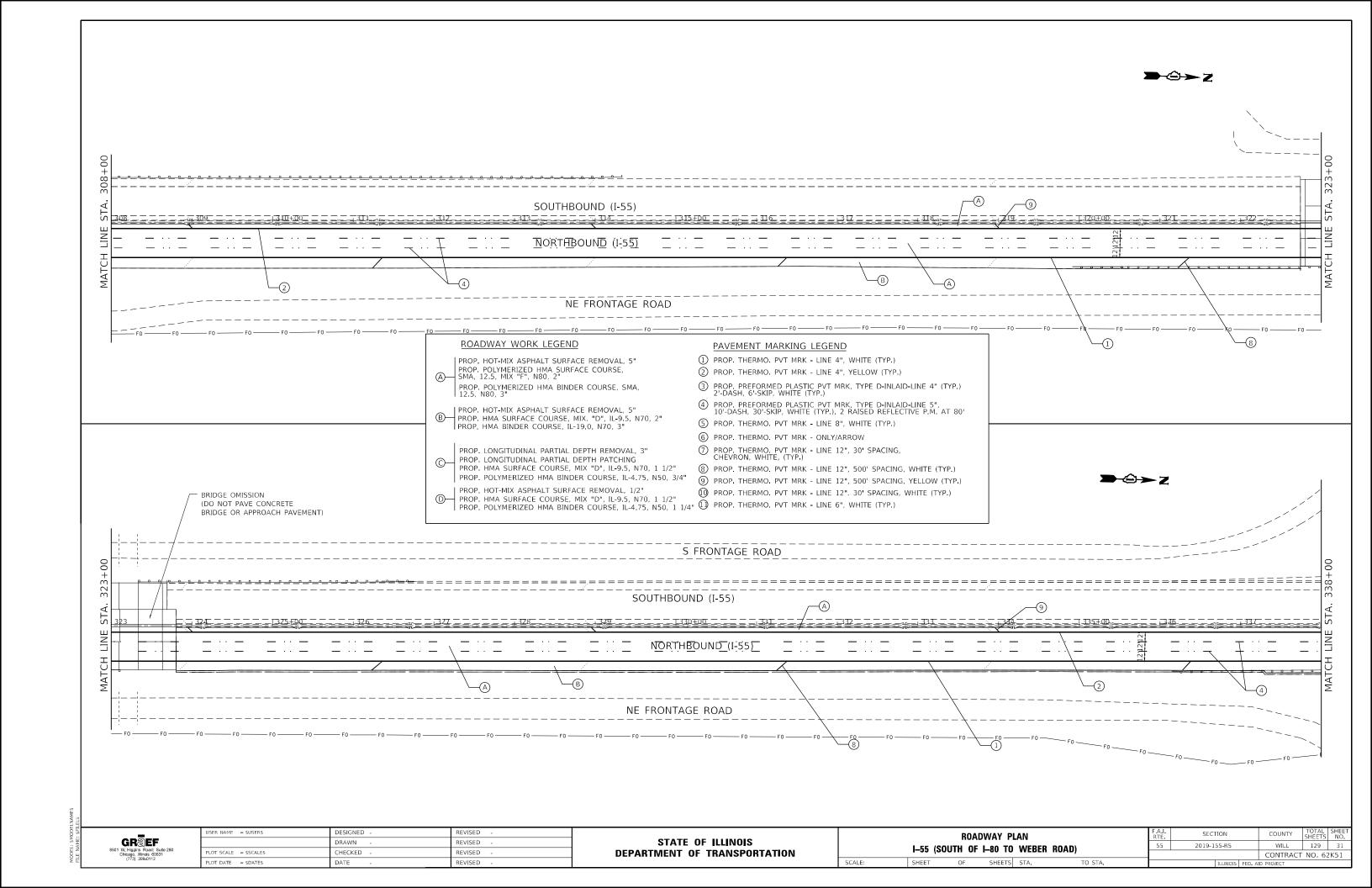


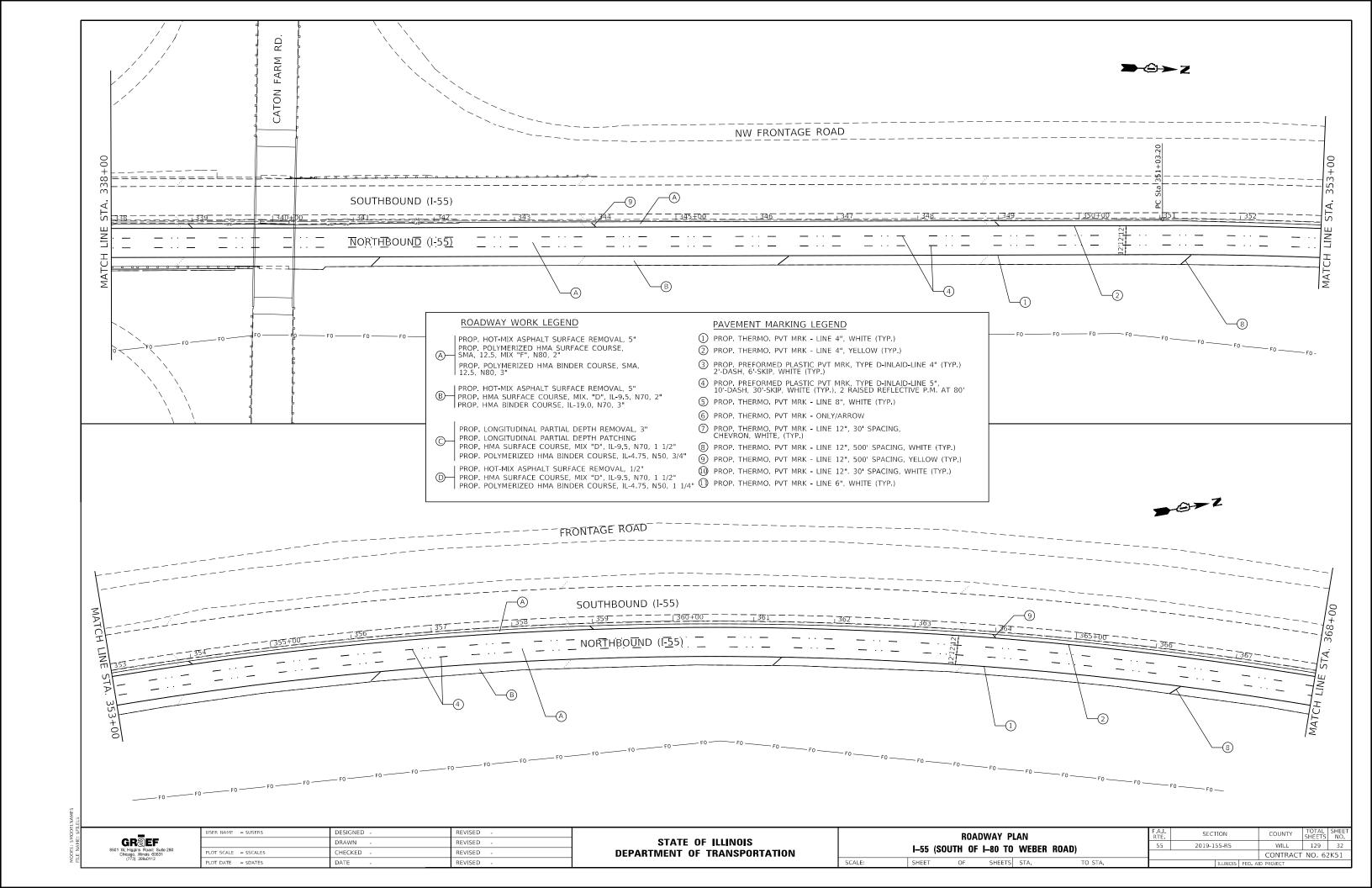


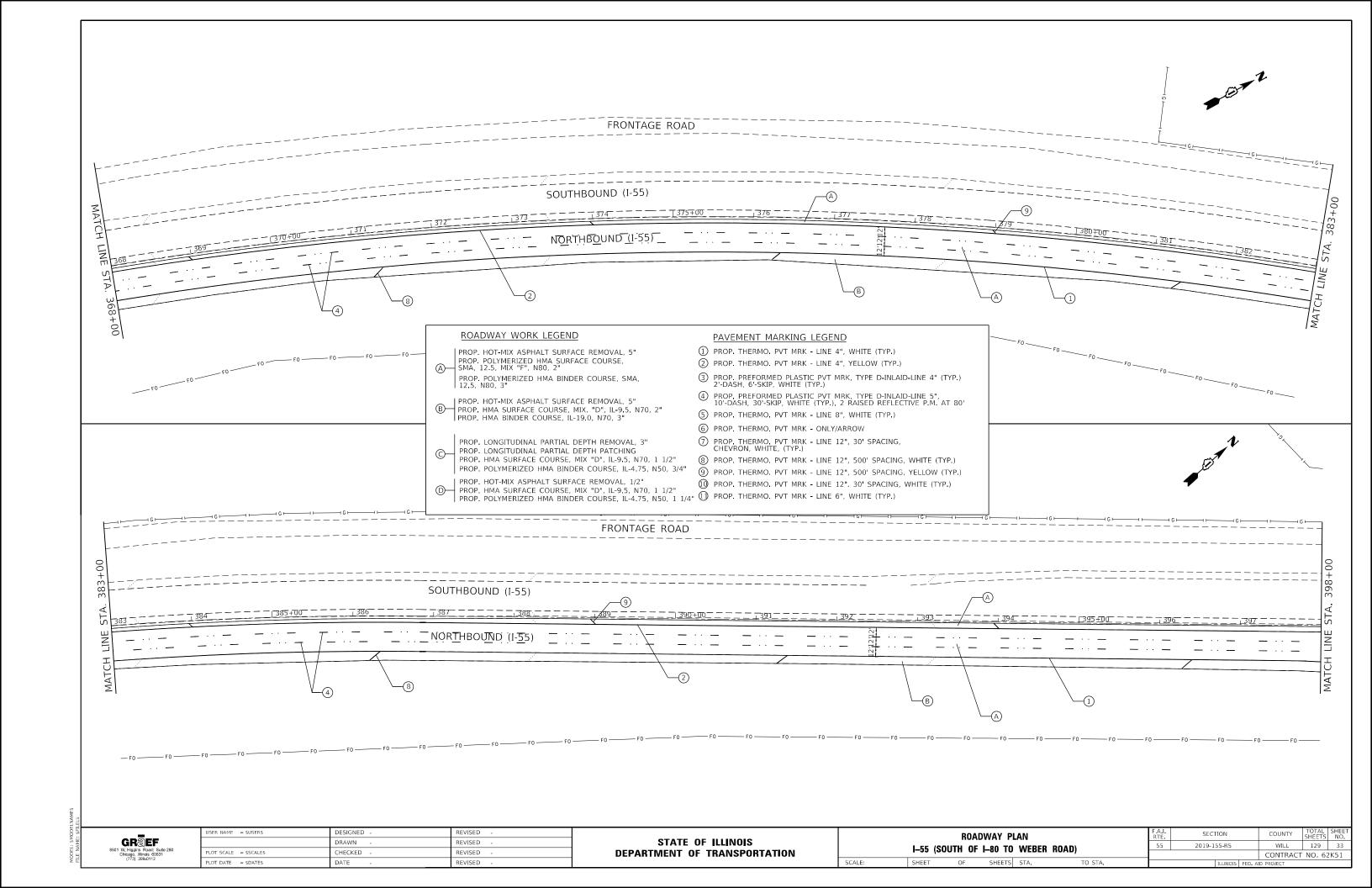


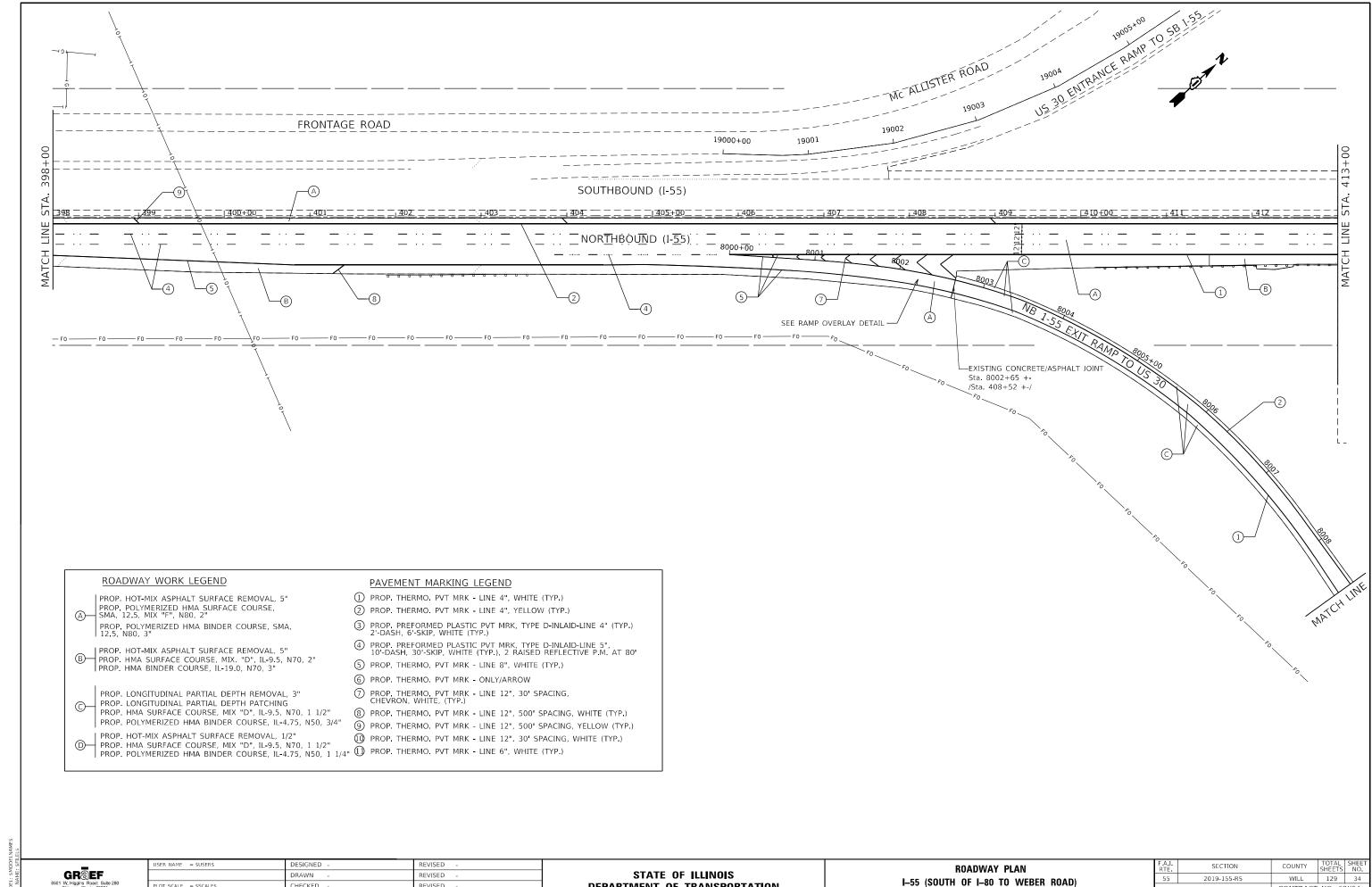










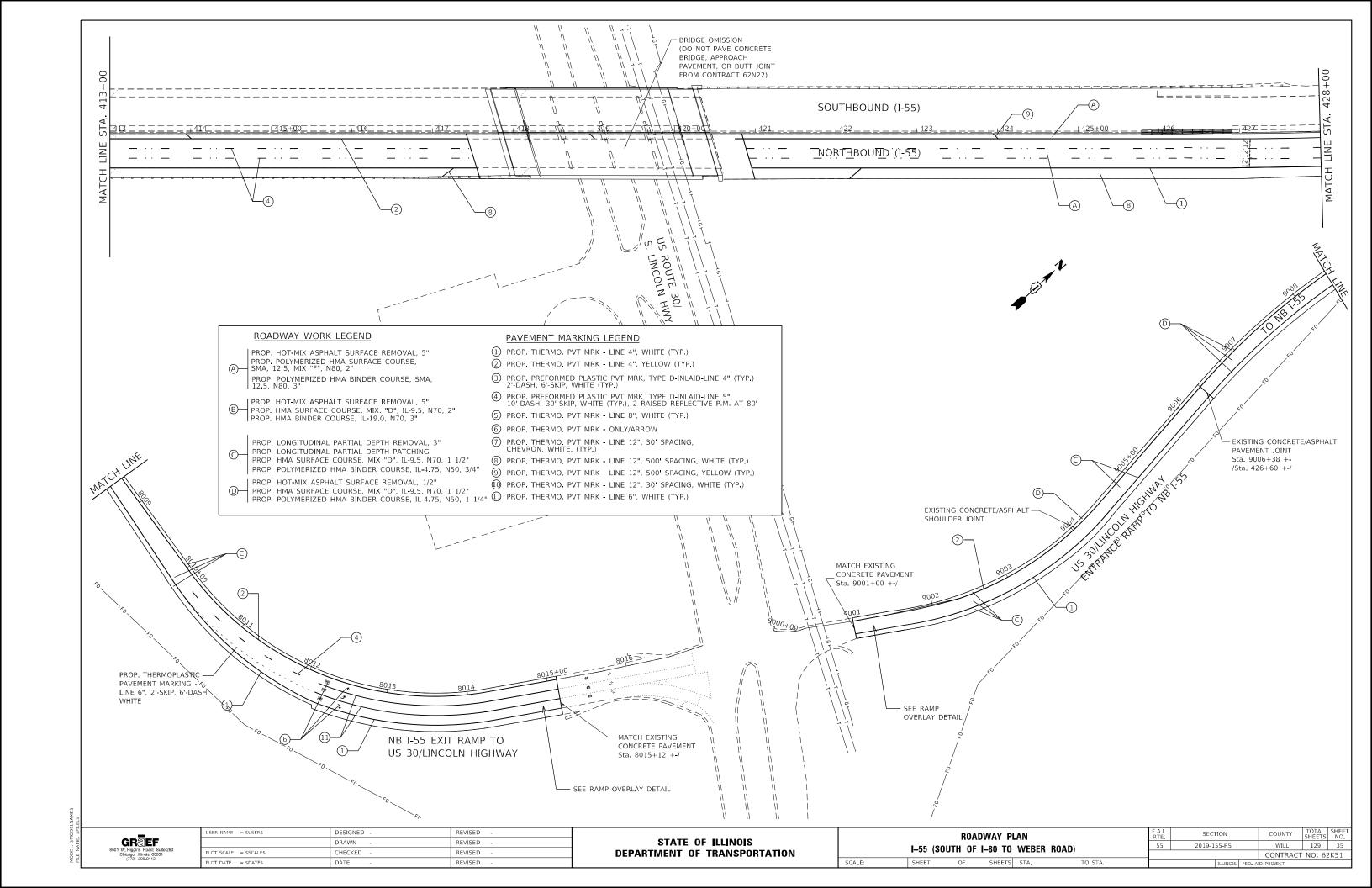


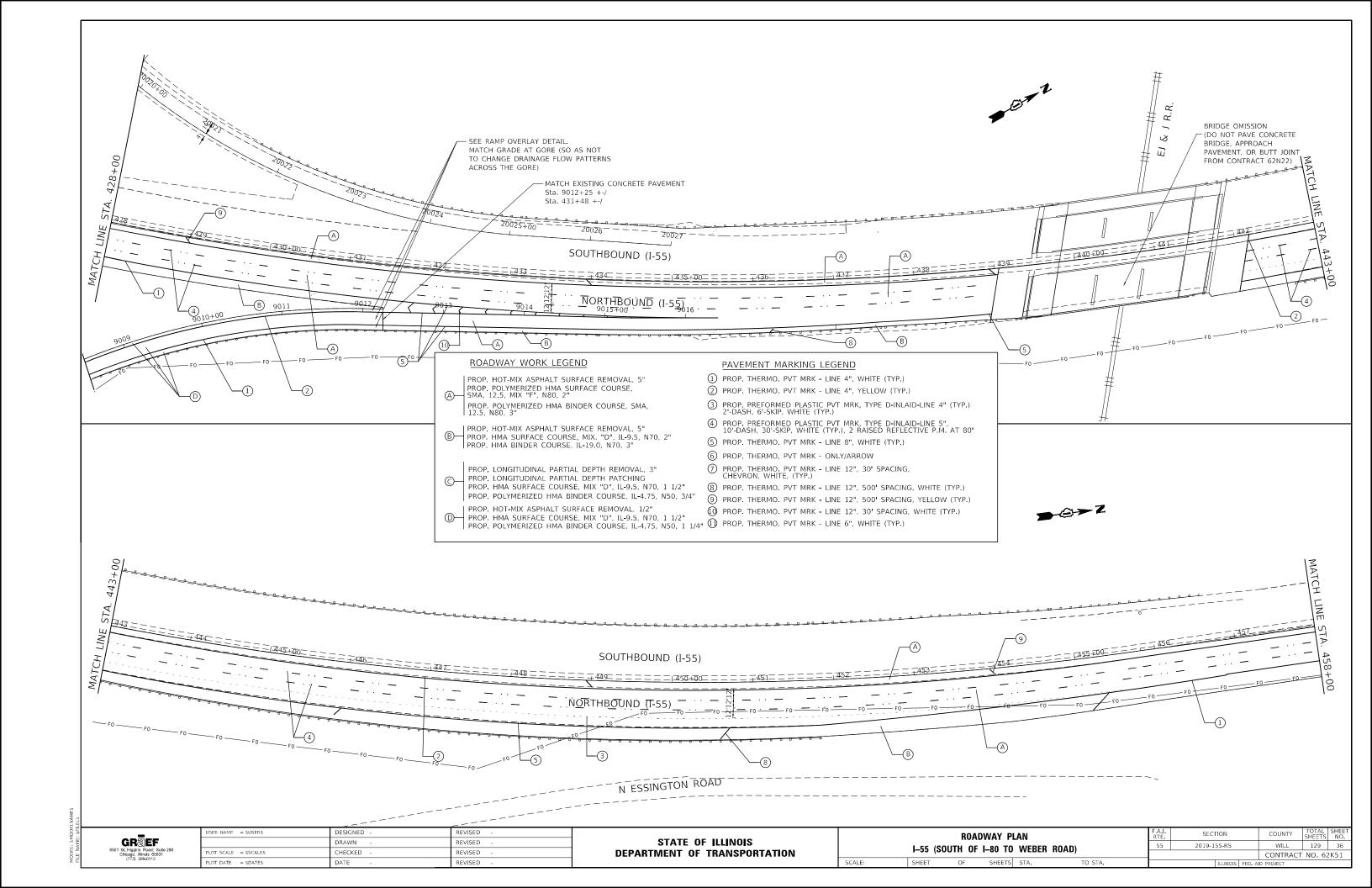
HECKED REVISED

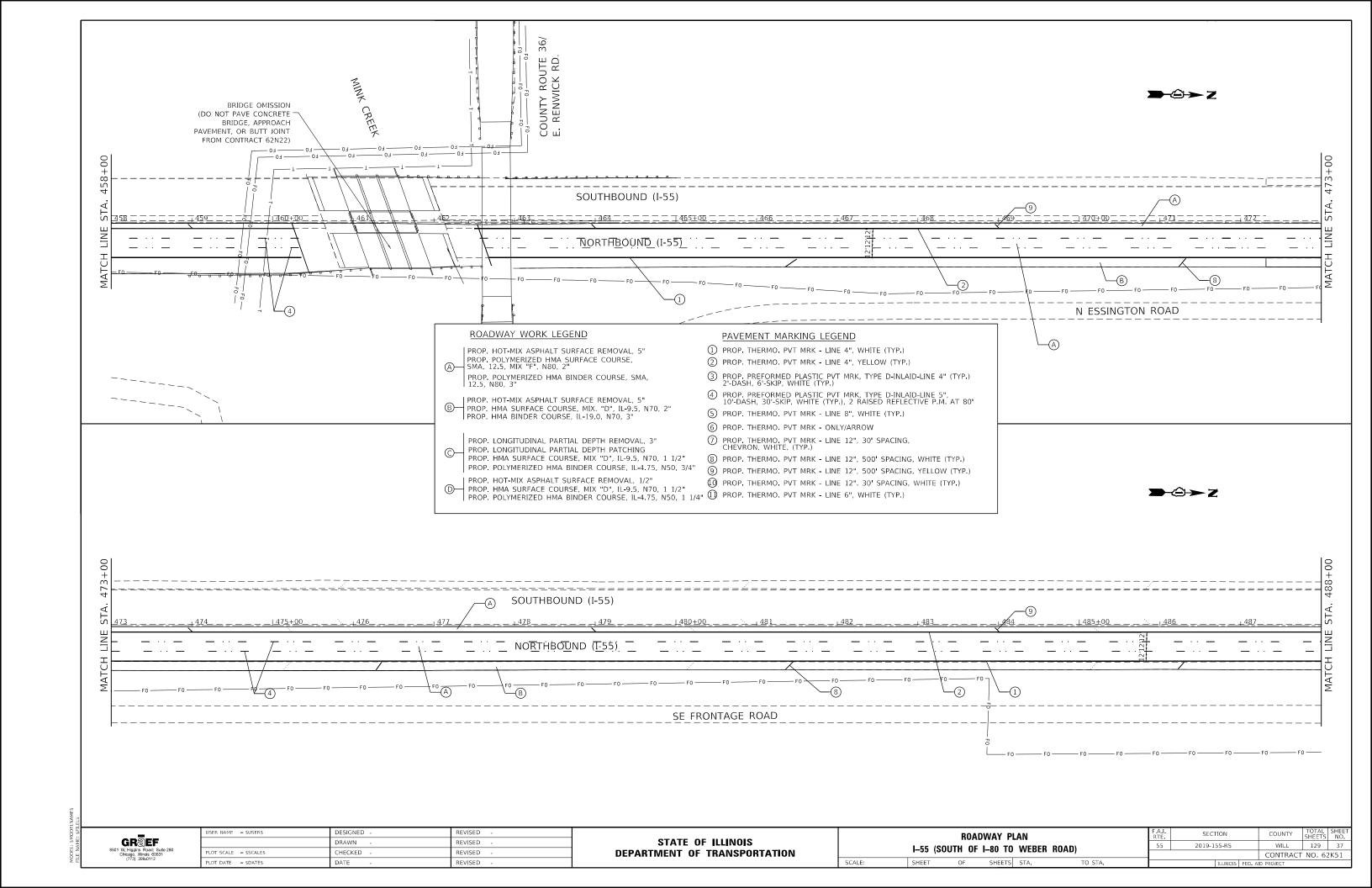
DEPARTMENT OF TRANSPORTATION

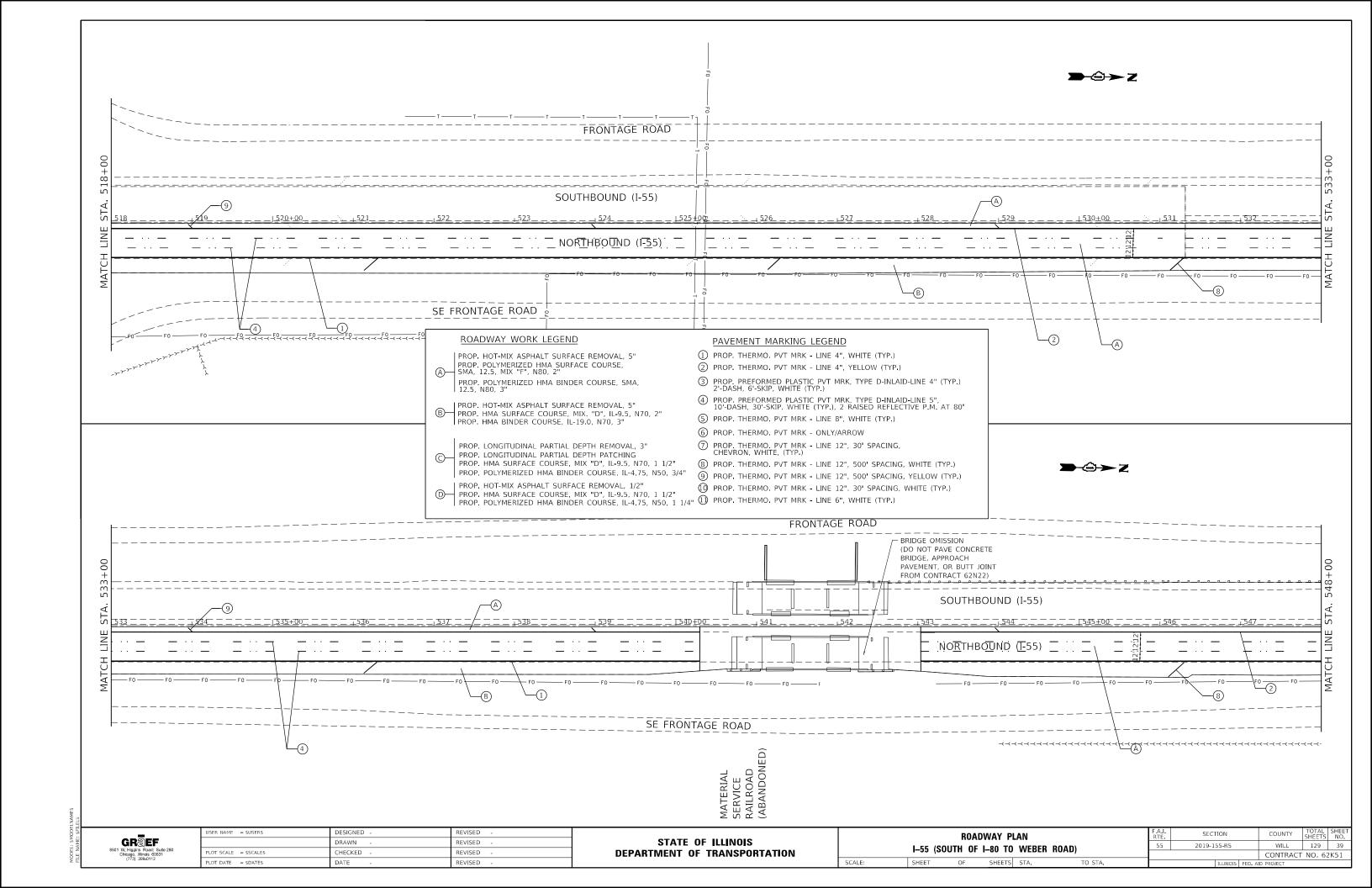
ROADWAY PLAN							
	I-55	(SOUTH OF	I-80 TO	WEBER	ROAD)		
	CHEET	O.F.	CHEETC	CTA		TO C	

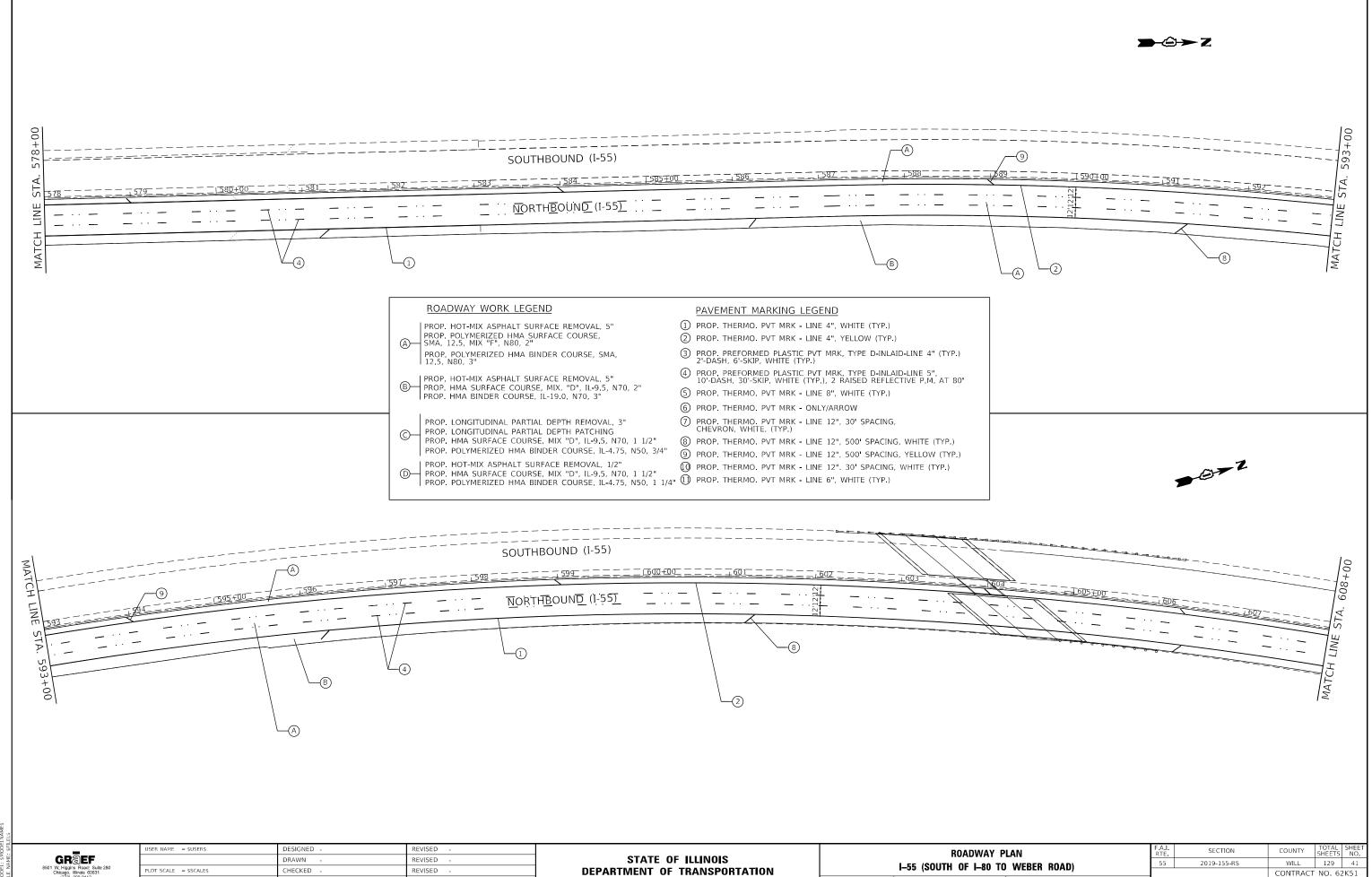
CONTRACT NO. 62K51







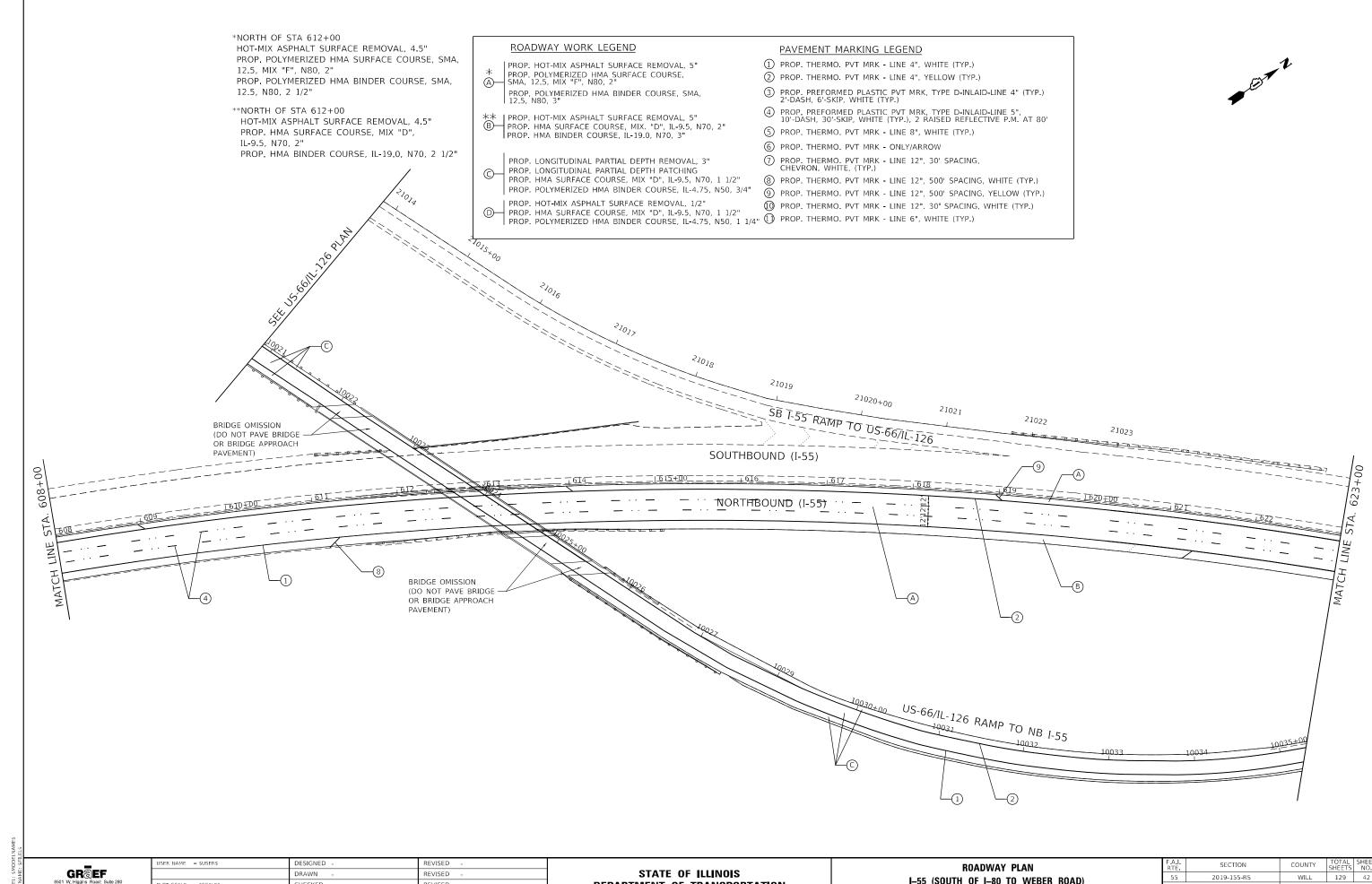




USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

ROADWAY PLAN											
I–55	(SOUTH	0F	I-80	T0	WEBER	ROAD)					
CHEET	O.F.		спе	ЕТС	CTA		TO	СТ			

F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
55	2019-155-RS	WILL	129	41	
		CONTRACT	NO. 62	2K51	
	TLUNOIS	FFD. A	ID PROJECT		

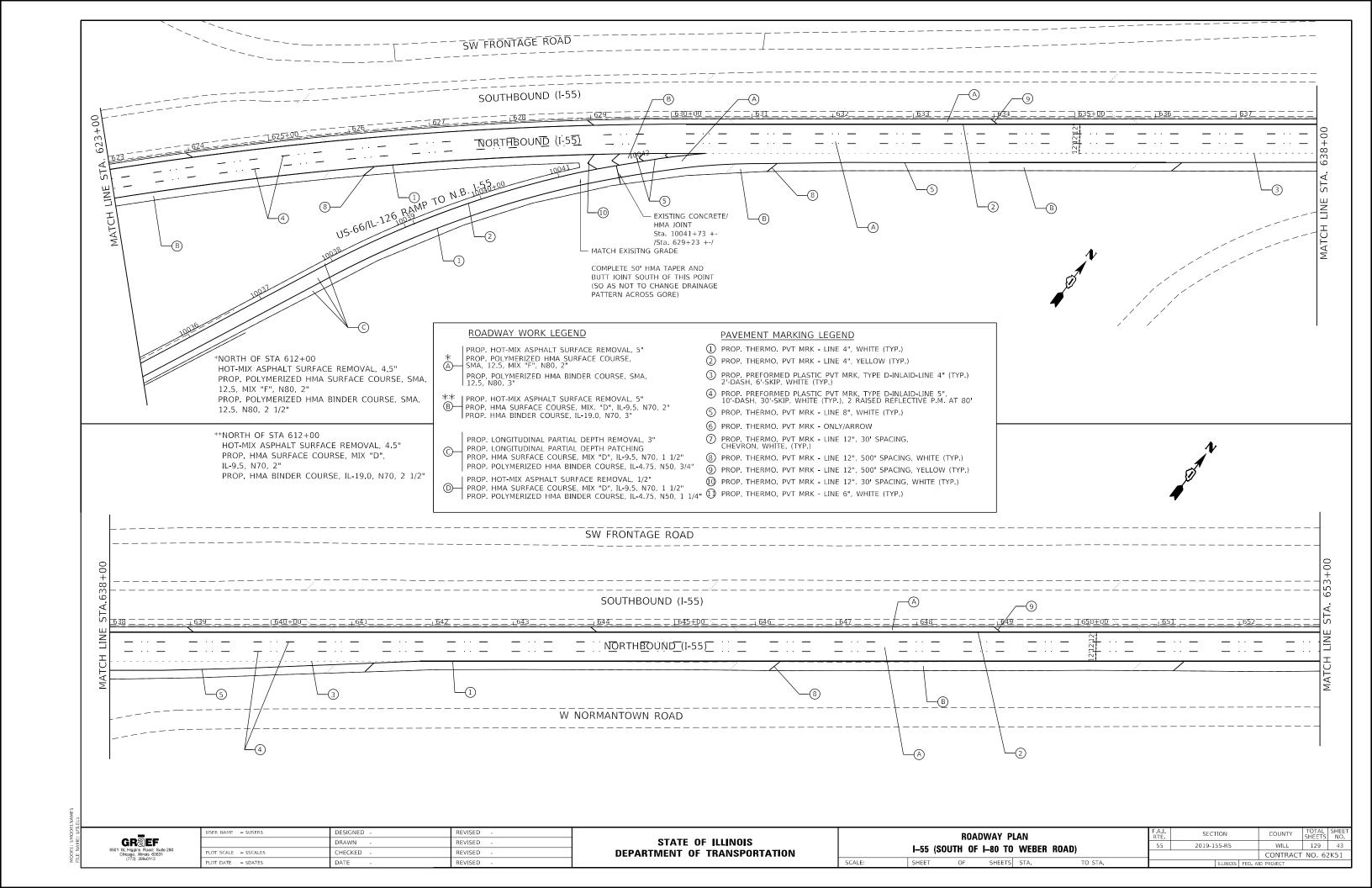


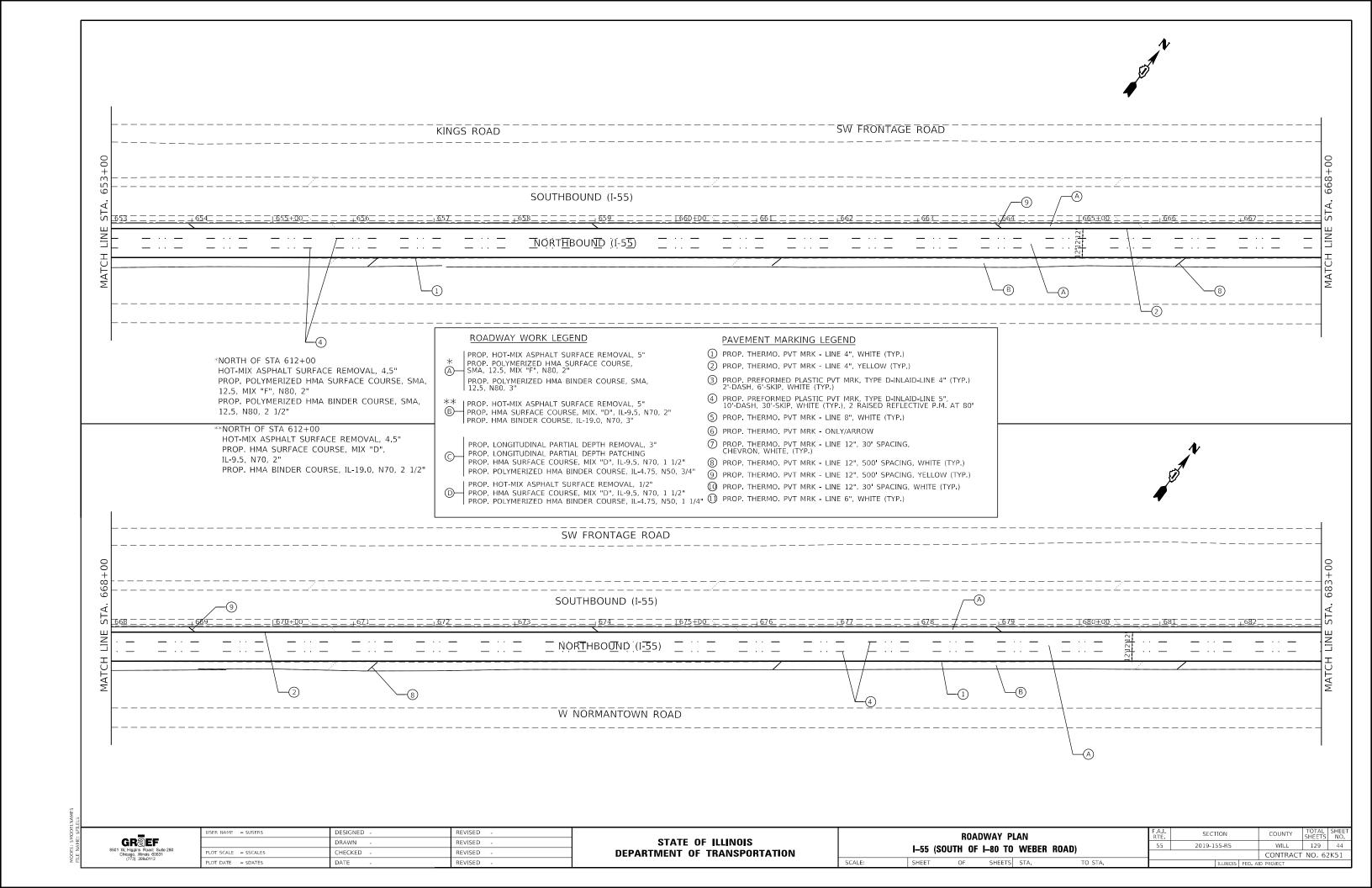
HECKED REVISED LOT DATE = \$DATE\$

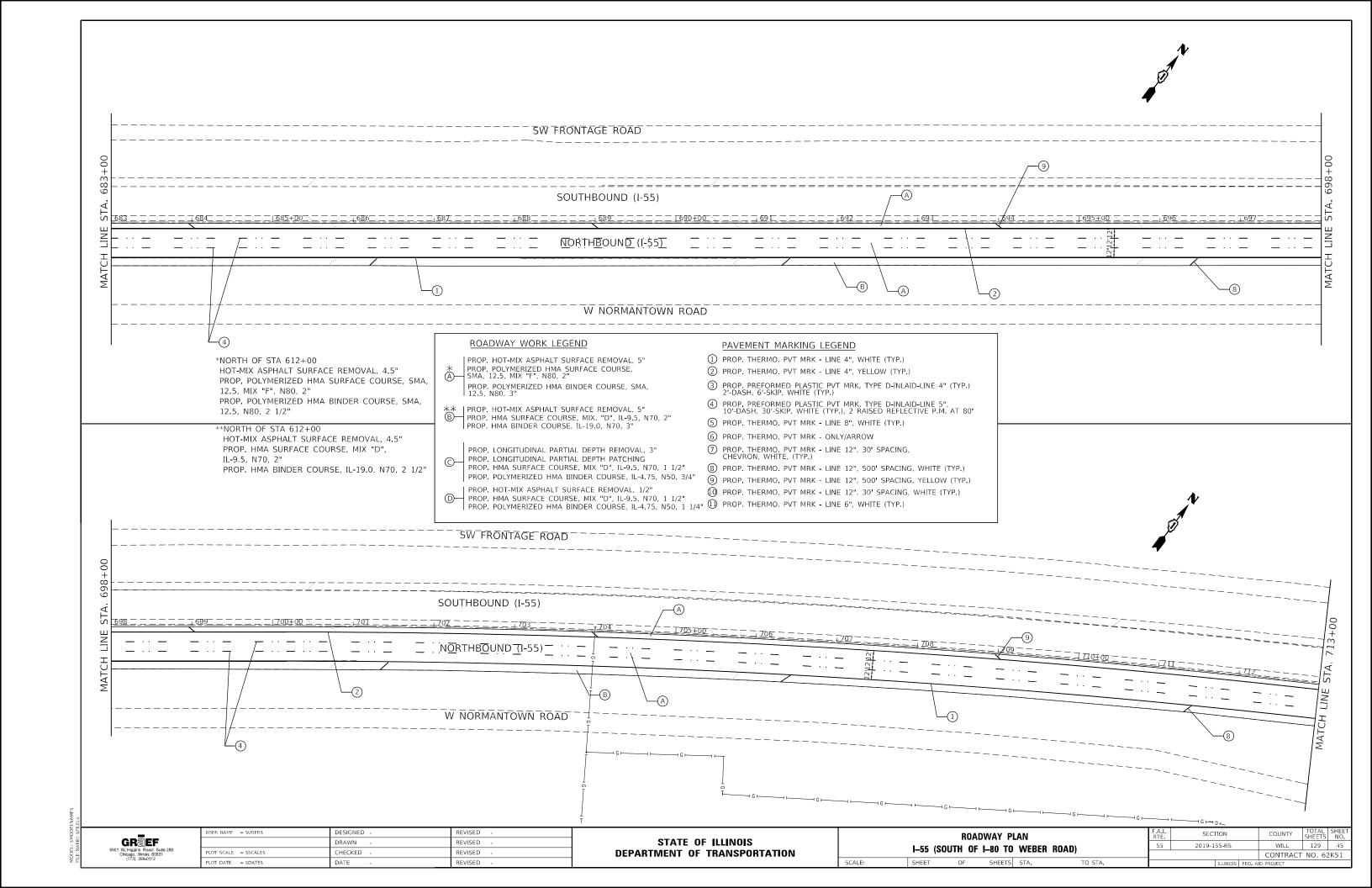
DEPARTMENT OF TRANSPORTATION

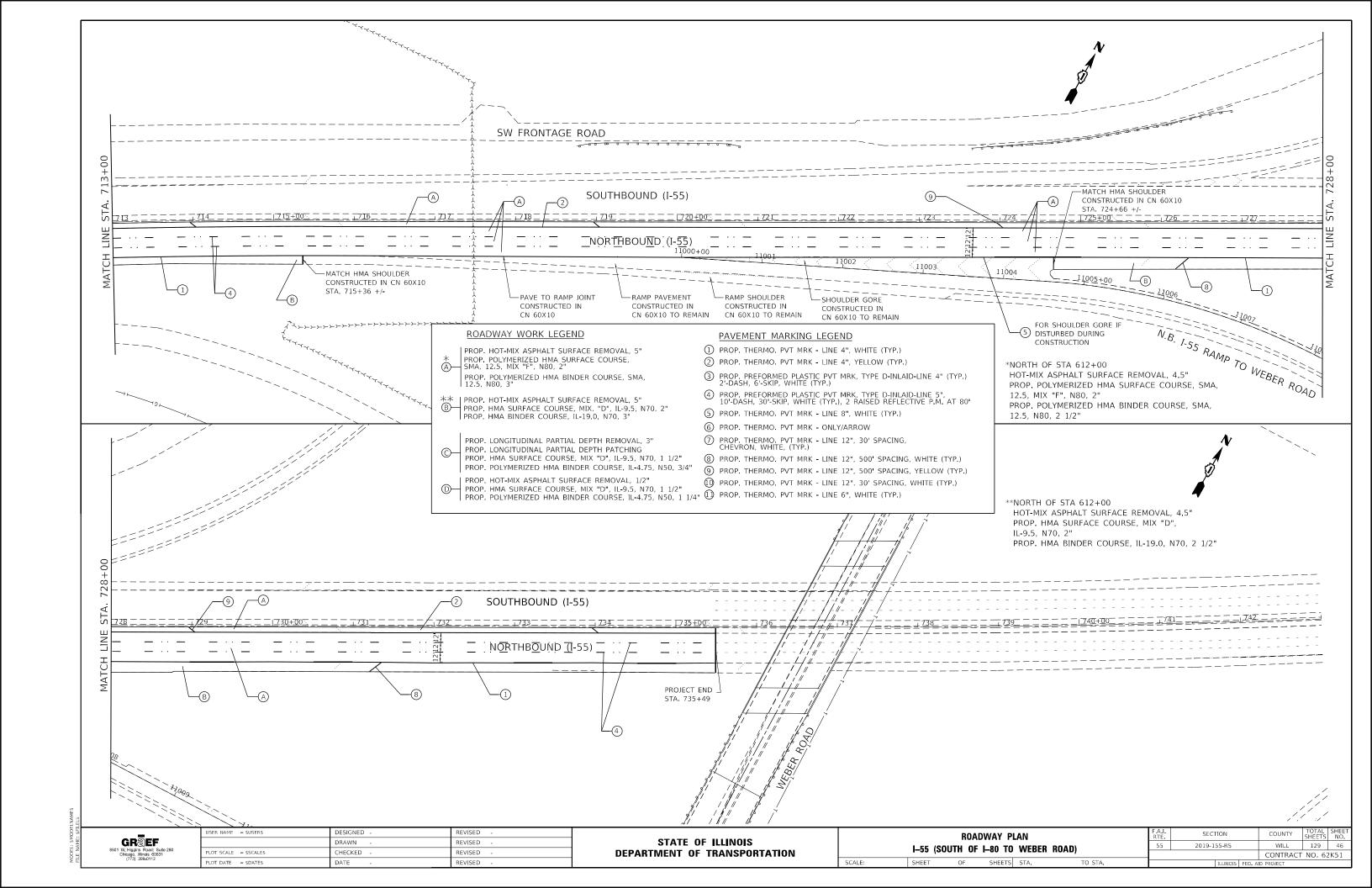
I-55 (SOUTH OF I-80 TO WEBER ROAD)

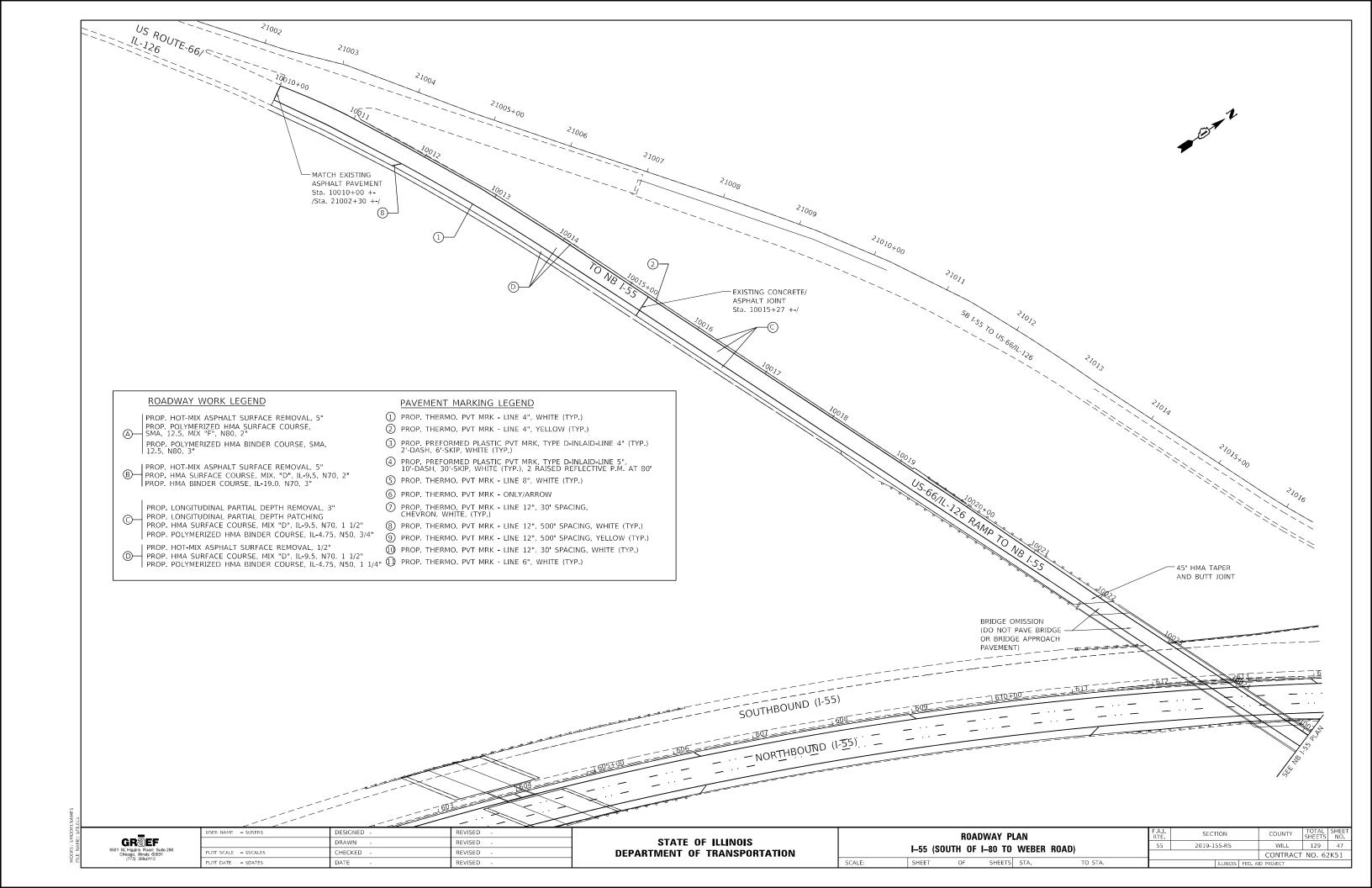
129 42 CONTRACT NO. 62K51





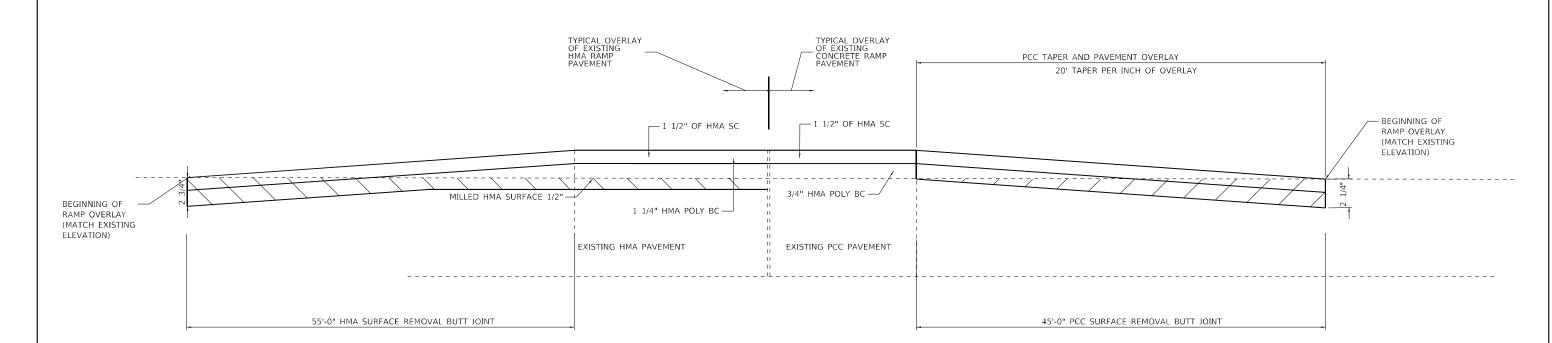






NOTES:

1. SEE BUTT JOINT AND HMA TAPER DETAILS (BD32) FOR ADDITIONAL NOTES AND DETAILS.



RAMP OVERLAY DETAIL

RAMP EXIT FROM I-55 NB TO US-30 RAMP ENTRANCE FROM US 30 TO I-55 NB RAMP ENTRANCE FROM IL 126 TO I-55 NB

USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS I–55 (SOUTH OF I–80 TO WEBER ROAD)						F.A.I. RTE	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.
						55	2019-15		WILL	129	48	
1-33 /	-33 (3001H OF 1-80 TO WEDEN NOAD)						CONTRACT					2K51
SHEET	OF	SHEETS	STA		TO STA.			ILLIMOIS EF	ED AID	DROJECT		

DRAINAGE IMPROVEMENTS GENERAL NOTES

- 1. THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES.
- 2. MAINTAINING DRAINAGE: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE FOR THE WORK. THE CONTRACTOR SHALL SUPPLY A PLAN AS A SUBMITTAL REVIEW FOR EACH LOCATION PROVIDING A PLAN THAT WILL MAINTAIN FLOWS THAT MEET ALL LOCAL, STATE AND FEDERAL REGULATIONS AND NOT CAUSE ANY DAMAGES UPSTREAM OR TO ANY ADJACENT DRAINAGE WATERSHED. THE PLAN SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS. THIS PLAN MUST BE SUBMITTED AT LEAST TWO WEEKS PRIOR TO THE STATT OF ANY CULVERT WORK. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO THE CONTRACT.
- 3. CONTRACTOR SHALL NOT SCALE DIMENSIONS FROM THE CONTRACT PANS FOR CONSTRUCTION PURPOSES. SCALES, IF SHOWN, ARE FOR INFORMATION ONLY.
- 4. THE HORIZONTAL CONTROLS SHALL BE BASED ON STATE PLANE COORDINATES (NAD83). THE VERTICAL CONTROLS ARE BASED ON NORTH AMERICAN DATUM 1988 (NAVD88).
- 5. RESTORATION AREAS WILL INCLUDE ALL DISTURBED AREAS INCLUDING AREA FOR GRADING AND SHAPING DITCHES AND STABLIZING SLOPES AND THE STABILIZED CONSTRUCTION ENTRANCE WITH PLACING TOPSOIL, SEEDING CLASS 2A, NITROGEN FERTILIZER, POTASSIUM FERTILIZER, PHOSPHOROUS FERTILIZER AND EROSION CONTROL BLANKET. ITEMS LISTED ABOVE WILL BE PAID FOR SEPARATELY.
- 6. ANY CLEANING AND REMOVAL OF DEBRIS, SILT AND FOREIGN MATERIAL, VEGETATION, GRASS AND WEEDS ALONG THE DITCH LINE TO THE CULVERT OUTSIDE THE LIMITS OF CULVERT, WILL BE PAID UNDER GRADING AND SHAPING DITCHES.
- 7. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E" AT 1-800-892-0123 FOR FIELD LOCATION OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- 8. ALL INVERT ELEVATIONS FOR EXISTING AND PROPOSED PIPES, CULVERTS AND HEADWALLS TO BE CONSTRUCTED SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 9. CULVERT STRUCTURE GENERAL NOTES:

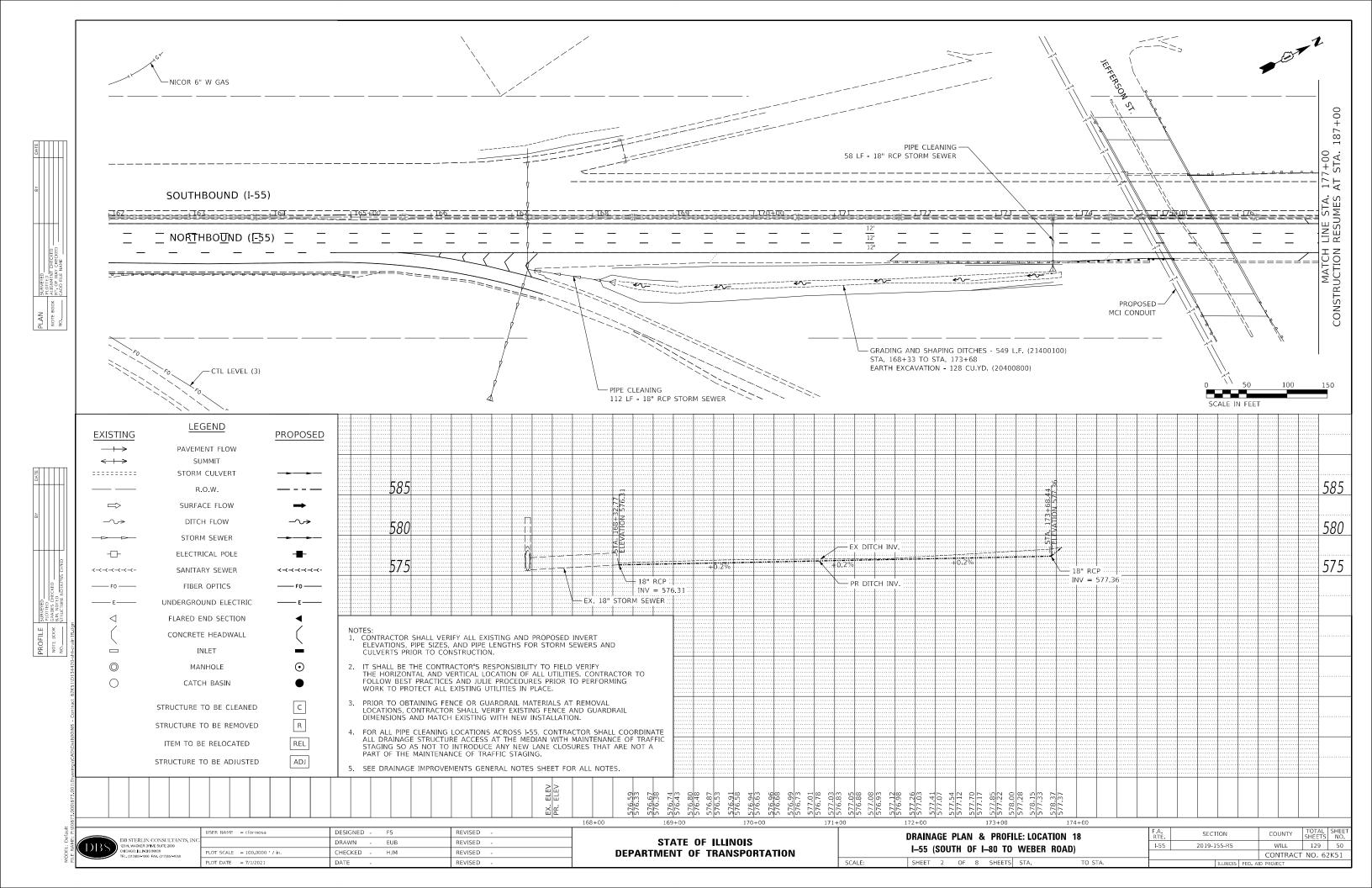
PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURE HAVE BEEN TAKEN FROM FIELD MEASUREMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY AS APPROVED BY THE ENGINEER ADJUSTMENTS, PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE JUSTIFICATION FOR SCHEDULING DELAYS OR CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE FOR THE WORK.

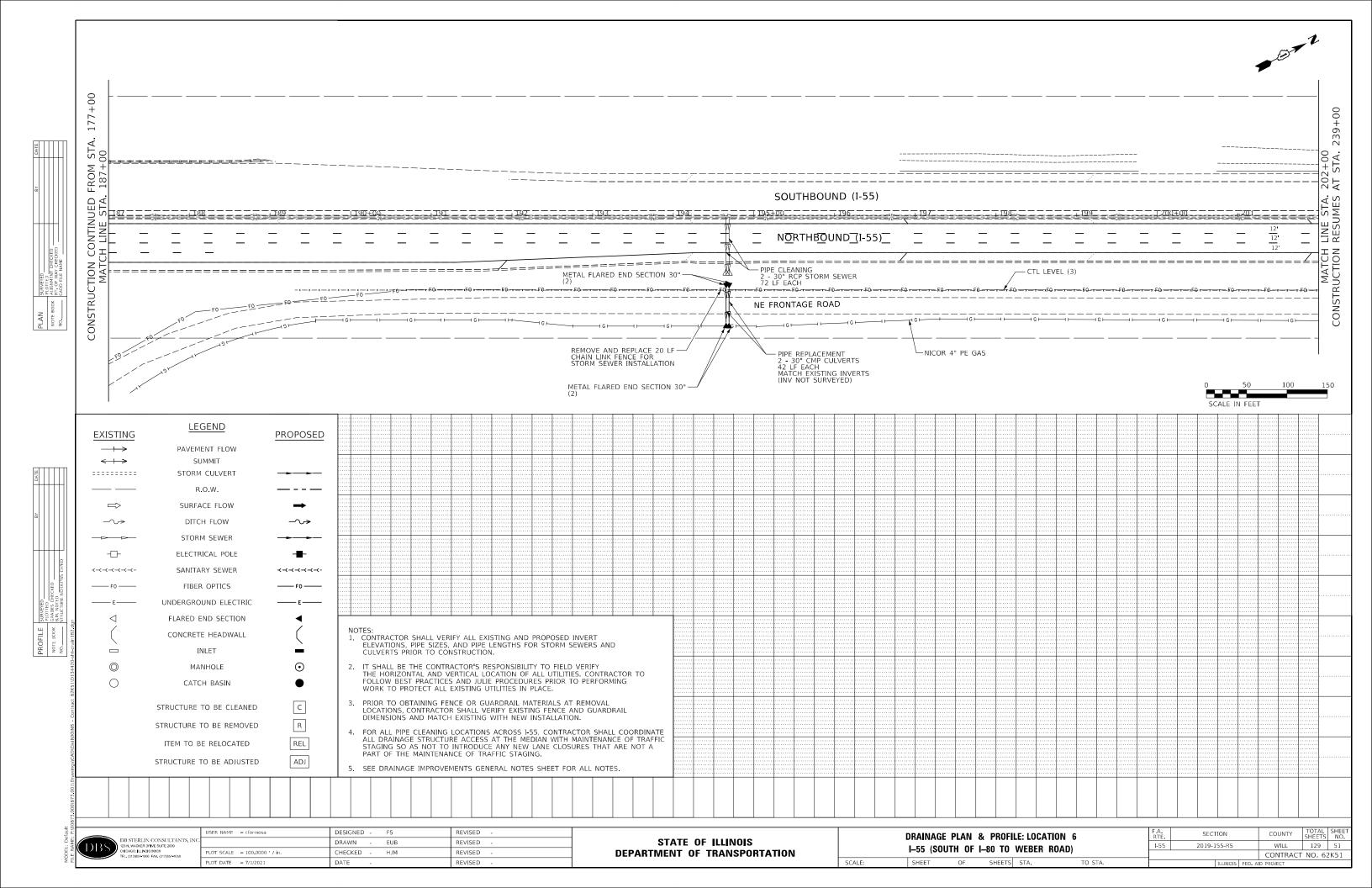
- 10. THE REMOVAL AND DISPOSAL OF ALL EXISTING CONCRETE AND/OR METAL FLARED END SECTIONS AT LOCATIONS OF NEW END SECTION CONSTRUCTION SHALL BE INCLUDED IN THE COST OF "END SECTIONS" OR "CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS" OF THE DIAMETER SPECIFIED.
- 11. ALL EXCAVATION AND BACKFILL REQUIRED FOR THE INSTALLATION OF NEW END SECTIONS SHALL BE INCLUDED IN THE COST OF "END SECTIONS" OR "CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS" OF THE DIAMETER SPECIFIED.
- 12. UPON INSPECTION OF CULVERTS TO BE LINED, THE CONTRACTOR SHALL IDENTIFY ALL LATERAL CONNECTIONS AND SHALL INCORPORATE THESE CONNECTIONS INTO THE LINER IN SUCH A WAY AS TO CREATE A WATER TIGHT SEAL. THIS WORK SHALL INCLUDE LINING, EXTENDING, OR GROUTING THE LATERAL PIPE AS NECESSARY TO MAKE THE CONNECTION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF INSERTION CULVERT LINER.
- 13. CULVERT LINERS SHALL BE INSTALLED ACCORDING TO THE IDOT STANDARD SPECIFICATIONS SECTION 543 AND THE SPECIAL PROVISION "INSERTION CULVERT LINER" AND SHALL BE PAID FOR AS INSERTION CULVERT LINER OF THE INDICATED MINIMUM INSIDE DIAMETER.
- 14. BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- 15. THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.
- 16. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- 17. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- 18. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE WITHIN THE AREA.
- 19. ANY TURF AREAS OUTSIDE THE CONSTRUCTION SEEDING LIMITS WHICH ARE DISTURBED SHALL BE REPAIRED, RESEEDED AND COVERED WITH EROSION BLANKET TO THE SATISFACTION OF AND AS DIRECTED BY THE ENGINEER AT THE CONTRACTORS EXPENSE.

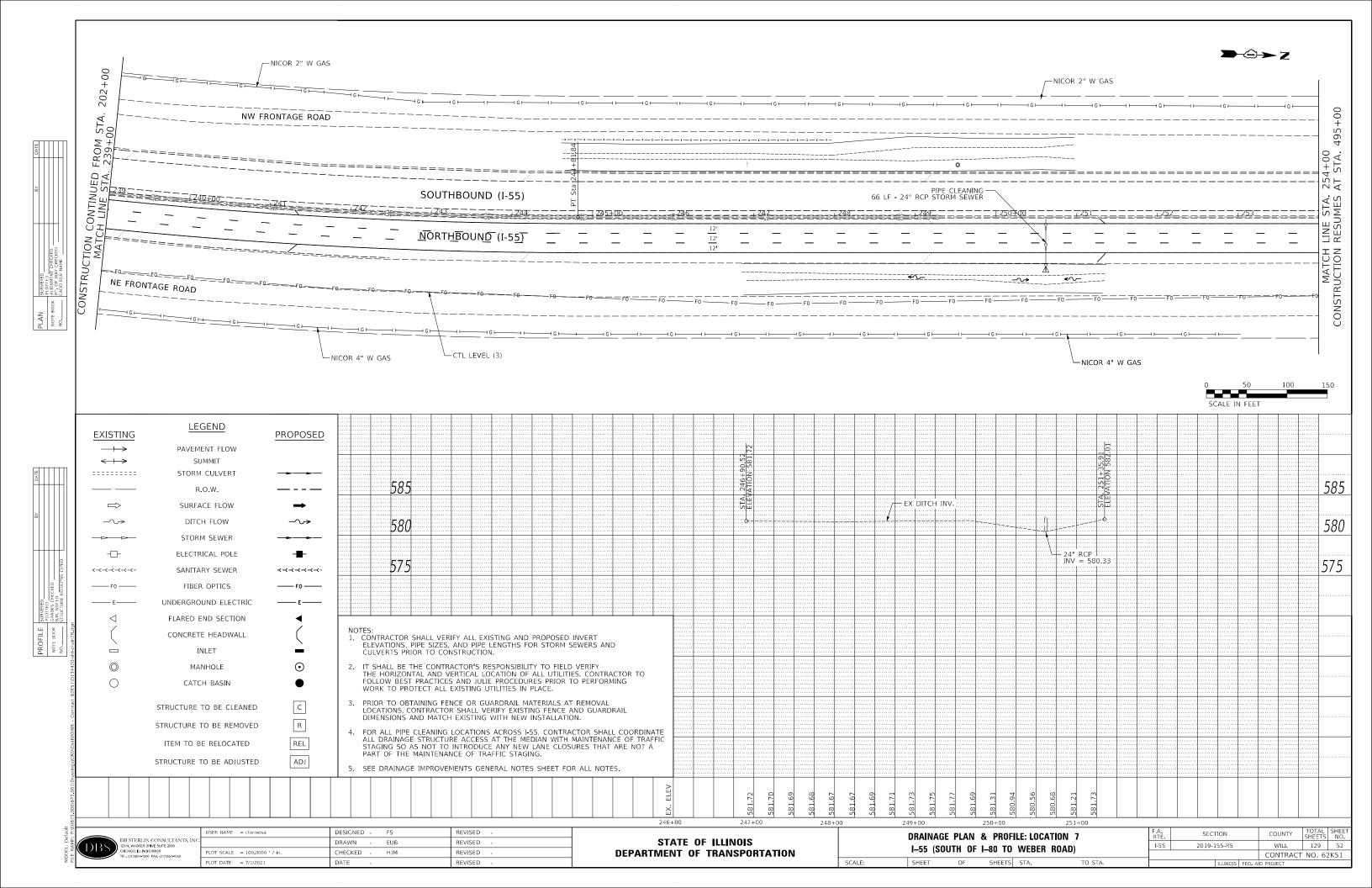
USER NAME = cformosa	DESIGNED - FS	REVISED -	
	DRAWN - EUB	REVISED -	
PLOT SCALE = 100.0000 / in.	CHECKED - HJM	REVISED -	
PLOT DATE = 7/1/2021	DATE -	REVISED -	

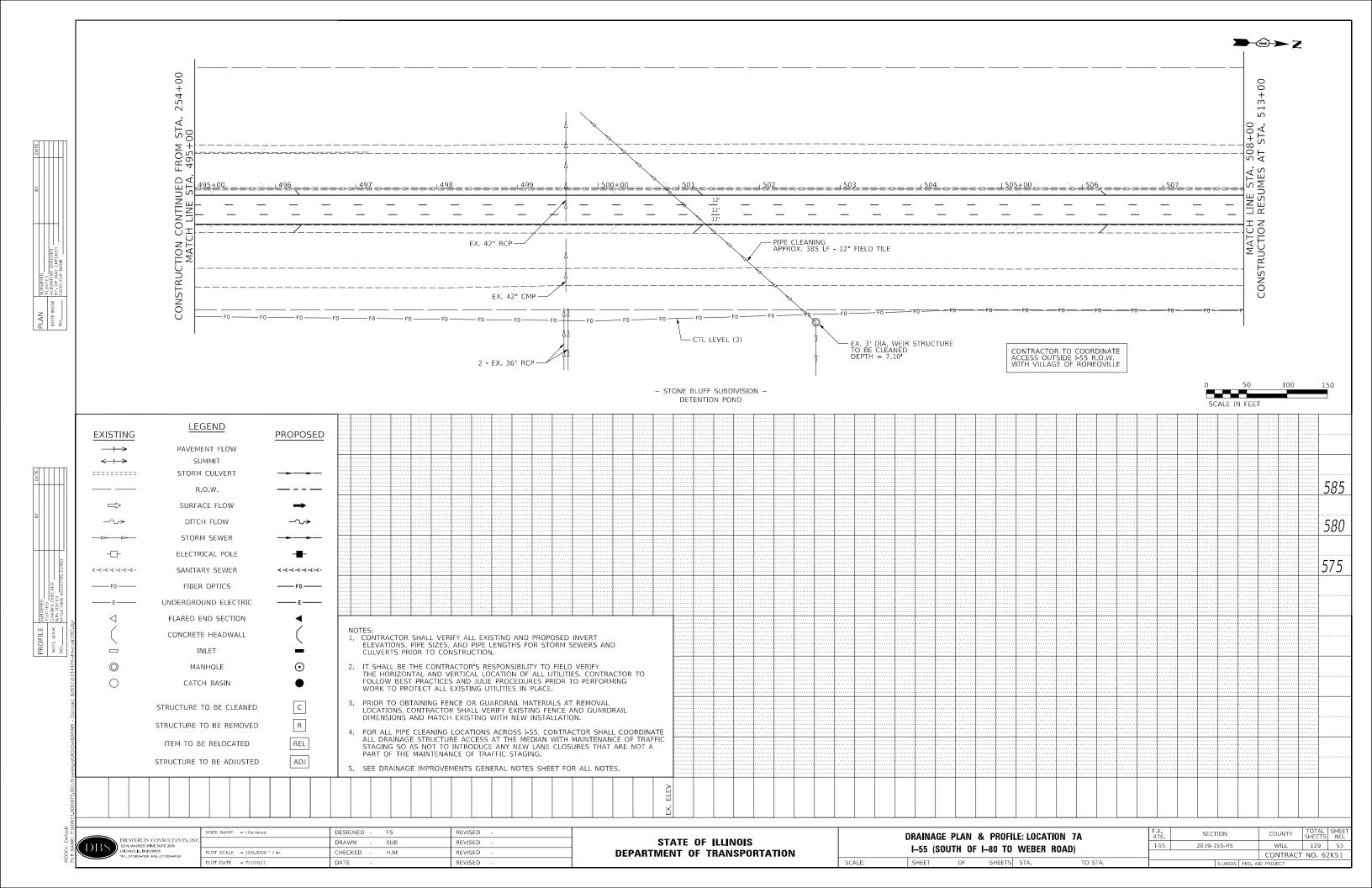
SCALE:

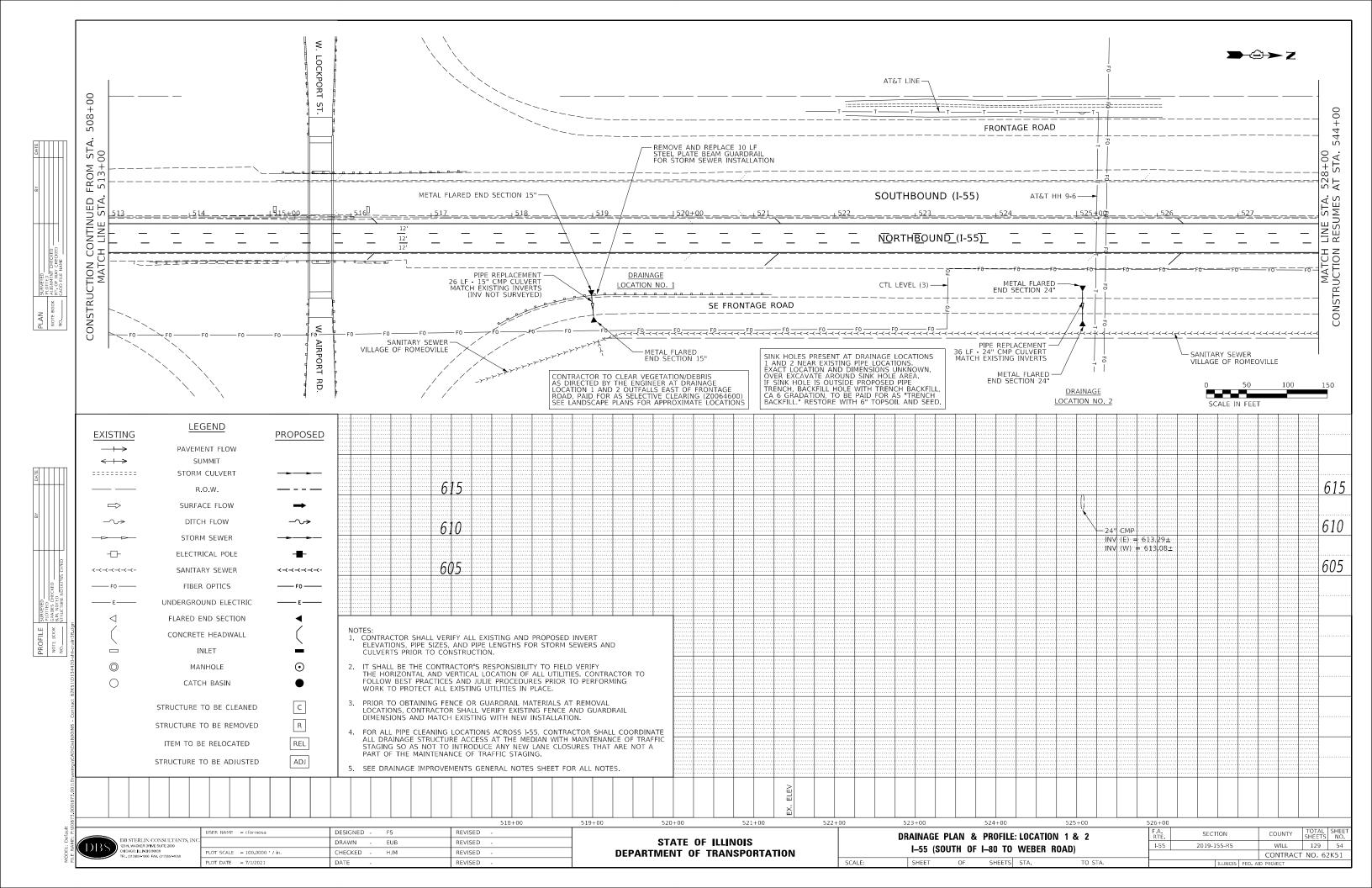
DF	AINAGE I	MPROVI	EMENTS -	– GENEF	RAL NOTES	F.A. RTE	SECTION			COUNTY	TOTAL SHEETS	
	I-55 (SOUTH OF I-80 TO WEBER ROAD)						2019-155-RS			WILL	129	49
	1-33 (30					CONTRACT NO. 62K5		2K51				
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT			ID PROJECT		

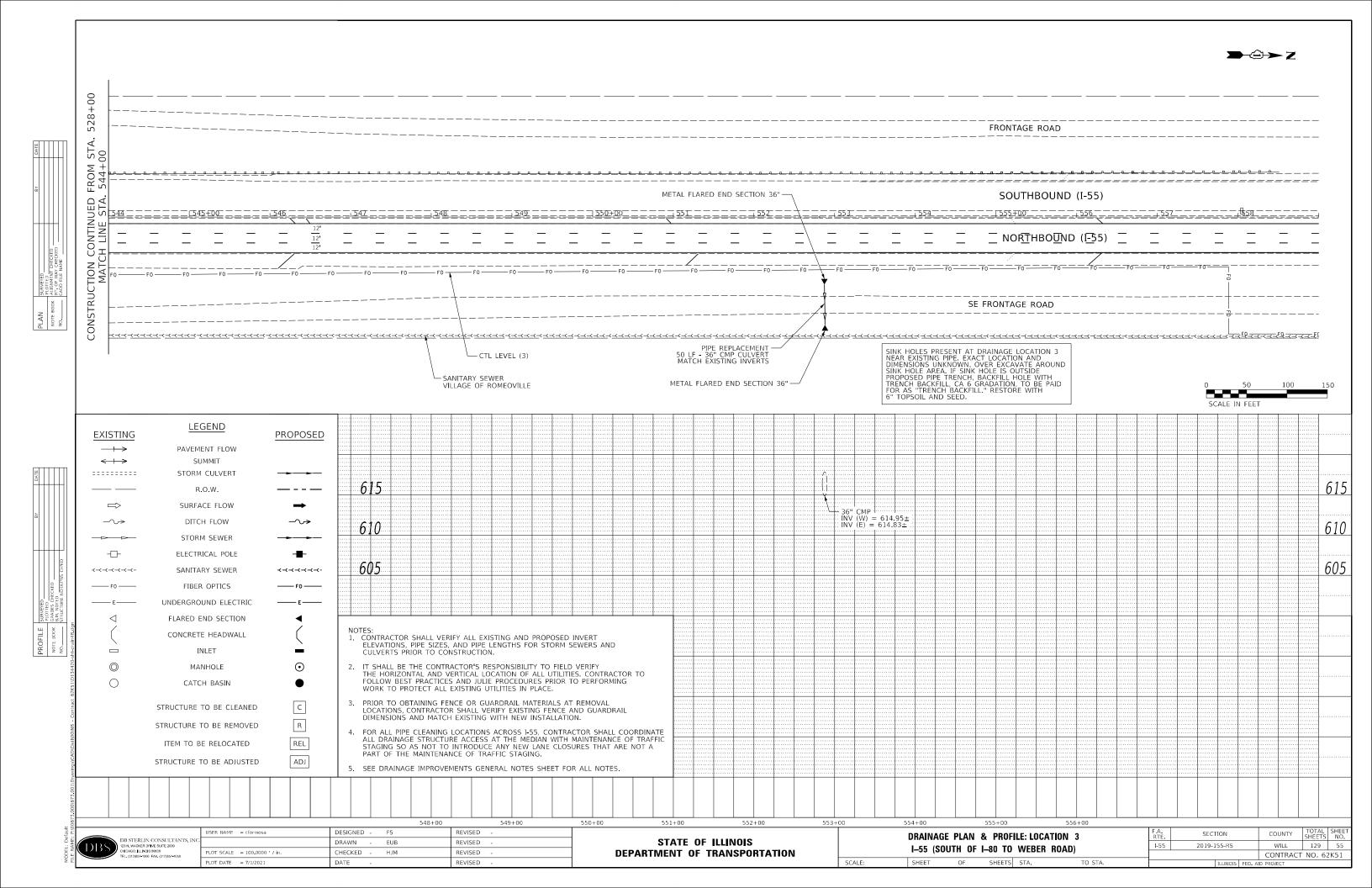












DRAINAGE STRUCTURES TO BE CLEANED

STRUCTURE NO. FROM PREVIOUS CONTRACT	STRUCTURE TYPE	STATION	OFFSET (FT)	DIRECTION	RIM ELEVATION	INVERT ELEVATION	DEPTH (FT)	DIAMETE (FT)
3051	CATCH BASIN	210+50 NB	17.2	RT	588.84	584.66	4.18	4
3054	CATCH BASIN	214 + 08 NB	18.5	RT	589.55	585.45	4.1	4
3056	CATCH BASIN	218+00 NB	1.5	RT	589.64	585.28	4.36	4
1059	CATCH BASIN	222+07 NB	1.5	RT	589.11	583.19	5.92	5
3111	CATCH BASIN	235+31 NB	1.5	RT	590.37	585.91	4.46	4
3112	CATCH BASIN	237+00 NB	1.5	RT	590.4	586.22	4.18	4
3113	CATCH BASIN	238+59 NB	1.5	RT	590.69	586.65	4.04	4
3158	CATCH BASIN	256+74 NB	1.9	RT	587.16	583.09	4.07	4
3159	CATCH BASIN	257+65 NB	1.5	RT	586.96	582.88	4.08	4
3160	CATCH BASIN	258+80 NB	1.5	RT	587.03	582.6	4.43	4
3161	CATCH BASIN	258+92 NB	1.5	RT	587.04	582.43	4.61	4
3164	CATCH BASIN	262+15 NB	1.5	RT	587.78	583.55	4.23	4
3171	CATCH BASIN	270+83 NB	2.3	RT	594.64	589.26	5.38	4
3174	CATCH BASIN	276+97 NB	1.5	RT	596.23	590.96	5.27	4
3207	CATCH BASIN	289+49 NB	1.5	RT	597.16	592.51	4.65	4
3235	CATCH BASIN	293+80 NB	1.5	RT	597.42	592.76	4.66	4
3253	CATCH BASIN	295+09 NB	1.3	RT	597.34	593.26	4.08	4
3254	CATCH BASIN	296+46 NB	0.7	RT	597.47	592.95	4.52	4
3260	CATCH BASIN	307+11 NB	1.5	RT	600.01	596.06	3.95	4
3351	CATCH BASIN	311+10 NB	1.5	RT	601.51	597.39	4.12	4
3358	CATCH BASIN	325+67 NB	1.5	RT	588.65	584.34	4.31	4
3361	CATCH BASIN	332+50 NB	1.5	RT	582.98	579.09	3.89	4
3362	CATCH BASIN	334+35 NB	1.7	RT	582.7	578.01	4.69	4
3366	CATCH BASIN	339+22 NB	1.5	RT	581.5	578.24	3.26	4
3381	CATCH BASIN	340+50 NB	1.5	RT	581.27	578.25	3.02	4
3382	CATCH BASIN	335+88 NB	1.5	RT	580.94	577.53	3.41	4
4003	CATCH BASIN	405+10 NB	1.5	RT	584.01	578.88	5.13	4
4081	CATCH BASIN	413+56 NB	1.5	RT	584.65	581.53	3.12	4
4008	CATCH BASIN	414+69 NB	1.5	RT	584.98	581.83	3.15	4
4009	CATCH BASIN	415+84 NB	1.5	RT	585.37	582.3	3.07	4
4010	CATCH BASIN	417+50 NB	1.5	RT	586.05	582.6	3.45	4
4203	CATCH BASIN	470+70 NB	1.5	RT	592.04	587.08	4.96	4
4303	CATCH BASIN	482+00 NB	1.5	RT	592.11	588.64	3.47	4
4304	CATCH BASIN	484+45 NB	1.5	RT	592.76	588.8	3.96	4
4306	CATCH BASIN	488+15 NB	1.5	RT	593.61	589.6	4.01	4
4307	CATCH BASIN	489+45 NB	1.5	RT	593.36	589.95	3.41	4
4308	CATCH BASIN	491+00 NB	1.5	RT	593.67	590.4	3.27	4
4401	CATCH BASIN	492+82 NB	1.5	RT	593.64	590.13	3.51	4
2407	CATCH BASIN	502+87 NB	1.5	RT	592.06	587.86	4.2	4
4412	CATCH BASIN	508+15 NB	1.5	RT	592.13	586.93	5.2	4
4501	CATCH BASIN	509+40 NB	2.6	RT	592.19	588.54	3.65	4
4502	CATCH BASIN	509+60 NB	2.4	RT	592.22	588.48	3.74	4
4503	CATCH BASIN	510+48 NB	1.5	RT	592.54	588.08	4.46	4
4607	CATCH BASIN	556+40 NB	2.2	RT	621.44	617.5	3.94	4
4608	CATCH BASIN	556+76 NB	1.7	RT	621.07	617.08	3.99	4
4701	CATCH BASIN	559+80 NB	1.5	RT	619.71	615.43	4.28	4
4702	CATCH BASIN	562+30 NB	1.5	RT	618.34	614.38	3.96	4
4703	CATCH BASIN	564+80 NB	1.5	RT	617.04	613.13	3.91	4
4705	CATCH BASIN	569+80 NB	1.5	RT	614.9	610.91	3.99	4
4706	CATCH BASIN	572+30 NB	1.5	RT	613.82	610.03	3.79	4
4707	CATCH BASIN	572+90 NB	1.5	RT	613.04	609.7	3.34	4
4708	CATCH BASIN	574+40 NB	1.5	RT	613.04	609.67	3.37	4
4709	CATCH BASIN	574+60 NB	1.5	RT	613.05	609.64	3.41	4
2	CATCH BASIN	590+50 NB	1.5	RT	629.74	625.35	4.39	4
12	CATCH BASIN	602+50 NB		RT	626.98	623.06	3.92	4
16	CATCH BASIN	608+00 NB		RT	637.59	633.66	3.93	4
18	CATCH BASIN	611+50 NB		RT	638.14	633.9	4.24	4
20	CATCH BASIN	614+50 NB		RT	634.52	630.1	4.42	4
24	CATCH BASIN	620+50 NB		RT	620.39	616.01	4.38	4
26	CATCH BASIN	623+50 NB		RT	613.03	608.5	4.53	4
28	CATCH BASIN	626+50 NB	1.5	RT	608.09	603.99	4.1	4
30	CATCH BASIN	629+25 NB	1.5	RT	606.26	601.86	4.4	4
36	CATCH BASIN	634+50 NB	1.5	RT	606.33	602.3	4.03	4
18	CATCH BASIN	642+70 NB	1.5	RT	609.91	602.65	7.26	4

STRUCTURE NO. FROM PREVIOUS CONTRACT	STRUCTURE TYPE	STATION	OFFSET (FT)	DIRECTION	RIM ELEVATION	INVERT ELEVATION	DEPTH (FT)	DIAMETE (FT)
52	CATCH BASIN	673+57.56 NB	1.5	RT	612.12	606.72	5.4	5
96	CATCH BASIN	716+00 NB	1.5	RT	635.61	631.45	4.16	4
98	CATCH BASIN	719+00 NB	1.5	RT	629.32	625.22	4.1	4
100	CATCH BASIN	721+35 NB	1.5	RT	625.7	620.8	4.9	4
82	CATCH BASIN	723+50 NB	1.5	RT	622.1	618.56	3.54	4
84	CATCH BASIN	726+00 NB	1.5	RT	620.72	617.48	3.24	4
86	CATCH BASIN	726+50 NB	1.5	RT	620.67	617.32	3.35	4
			-					
89	CATCH BASIN	726+75 NB	1.5	RT	620.63	616.45	4.18	5
91	CATCH BASIN	728+00 NB	1.5	RT	620.76	616.6	4.16	4
93	CATCH BASIN	730+33.19NB	1.5	RT	621.34	617.1	4.24	4
99	CATCH BASIN	738+16 NB	1.5	RT	623.88	619.88	4	4
101	CATCH BASIN	743+00 NB	1.5	RT	623.48	619.47	4.01	4
225	CATCH BASIN	770+50 NB	1.5	RT	613.72	610.82	2.9	4
226	CATCH BASIN	773+20 NB	1.5	RT	614.92	608.6	6.32	5
234	CATCH BASIN	782+00 NB	0.34	RT	623.33	619.86	3.47	5
202	CATCH BASIN	795+00 NB	3.5	RT	627.95	623.73	4.22	5
206	CATCH BASIN	798+38.55 NB	3.5	RT	626.49	622.7	3.79	5
208	CATCH BASIN	799+50 NB	2.6	RT	625.1	622.48	2.62	5
214	CATCH BASIN	801+71.72 NB	1.5	RT	626.67	622.21	4.46	4
216	CATCH BASIN	802+59.85 NB	1.5	RT	625.72	622.15	3.57	5
218	CATCH BASIN	803+28.82 NB	1.5	RT	625.68	622.1	3.58	5
220	CATCH BASIN	803+90.94 NB	1.5	RT	625.66	622.05	3.61	5
222	CATCH BASIN	804+67.29 NB	1.5	RT	625.66	622	3.66	5
250	CATCH BASIN	806+33.94 NB	1.5	RT	625.48	621.88	3.6	5
228	CATCH BASIN	807+03.72 NB		RT	625.43	621.83	3.6	5
			1.5					
230	CATCH BASIN	807+74.36 NB	1.5	RT	625.4	621.78	3.62	5
232	CATCH BASIN	808+15.85 NB	1.5	RT	625.39	621.75	3.64	5
234	CATCH BASIN	808+76.81 NB	1.5	RT	625.39	621.71	3.68	5
237	CATCH BASIN	809+60 NB	1.5	RT	625.47	621.65	3.82	5
239	CATCH BASIN	810+54.47 NB	1.5	RT	625.61	621.85	3.76	4
241	CATCH BASIN	811+ 50.09 NB	1.5	RT	626.77	622.44	4.33	4
243	CATCH BASIN	812+00 NB	1.5	RT	625.94	622.32	3.62	4
246	CATCH BASIN	817+00 NB	1.5	RT	627.25	624.23	3.02	4
250	CATCH BASIN	821+50 NB	1.5	RT	626.8	623.06	3.74	4
256	CATCH BASIN	830+50 NB	1.5	RT	620.63	616.31	4.32	5
259	CATCH BASIN	831+92.5 NB	1.5	RT	619.75	616.17	3.58	5
262	CATCH BASIN	833+39.22 NB	1.5	RT	619.42	616.08	3.34	5
264	CATCH BASIN	834+11 NB	1.5	RT	619.43	616.03	3.4	5
266	CATCH BASIN	834+92.87 NB	1.5	RT	619.45	615.97	3.48	5
268	CATCH BASIN	835+65.66 NB	1.5	RT	619.45	615.92	3.53	5
270	CATCH BASIN	836+44.43 NB	1.5	RT	619.48	615.87	3.61	5
272		837+20.33 NB	1.5	RT				5
	CATCH BASIN				619.5	615.82	3.68	
274	CATCH BASIN	837+95.75 NB	1.5	RT	619.54	615.77	3.77	5
280	CATCH BASIN	840+41.42 NB	1.5	RT	619.62	615.62	4	5
282	CATCH BASIN	841+19.07 NB	1.5	RT	619.61	615.57	4.04	5
284	DRAINAGE STRUCTURE	841+82 NB	4	RT	619.59	615.53	4.06	
286	CATCH BASIN	842+47.27 NB	1.5	RT	619.63	615.58	4.05	4
288	CATCH BASIN	843+20.60 NB	1.5	RT	619.74	615.77	3.97	4
290	CATCH BASIN	844+16.69 NB	1.5	RT	619.89	616.07	3.82	4
292	CATCH BASIN	845+18.55 NB	1.5	RT	620.08	616.4	3.68	4
294	CATCH BASIN	846+50.34 NB			620.42	616.5		4
			1.5	RT			3.92	
302	CATCH BASIN	852+94 NB	1.5	RT	622.15	616.88	5.27	6
805	INLET	453+43 NB	66.81	RT	616.7	612.2	4.50	4
810	INLET	455+80 NB	62.63	RT	610.78	606.28	4.50	4
830	INLET	522.83 NB	61.5	RT	617.72	613.12	4.60	4
840	INLET	527+81 NB	61.5	RT	620.71	616.21	4.50	4
845	INLET	530+33 NB	61.5	RT	623.82	619.32	4.50	4
850	INLET	532+73 NB	61.5	RT	627.91	623.41	4.50	4
855	INLET	552+74 NB	61.5	RT	624.47	619.97	4.50	4
860	INLET	555+38 NB	61.5	RT	621.55	617.05	4.50	4
865	INLET	557+81 NB	61.5	RT	620.55	616	4.55	4
875	INLET	557+87 NB	61.5	RT	620.55	616.05	4.50	4
- ADJ TO FRONTAGE	D MANHOLE	502+70 NB	156.0	RT	609.00	601.90	7.10	3
- ADJ TO TRONTAGE	I I II II II I I I I I I I I I I I I I	302 . 70						

USER NAME = ctormosa	DESIGNED -	FS	REVISED	-
	DRAWN -	EUB	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED -	HJM	REVISED	-
PLOT DATE = 7/1/2021	DATE -		REVISED	-

SCALE:

D	DRAINAGE STRUCTURE CLEANING SCHEDULE 1–55 (SOUTH OF 1–80 TO WEBER ROAD)							SECT	ΠΟN		COUNTY	TOTAL SHEETS	SHEE' NO.
								I-55 2019-155-RS			WILL	129	56
	1-33 (300111 01 1-00 10 WEBER ROAD)						·				CONTRACT NO. 62K51		
	SHEET OF SHEETS STA. TO STA.						ILLINOIS FED. A			ID PROJECT			

0673 000\673 001\Drawings\CAD\Civi\00\NB - Contract 62K51\D134420-sht-drainschedB.dl

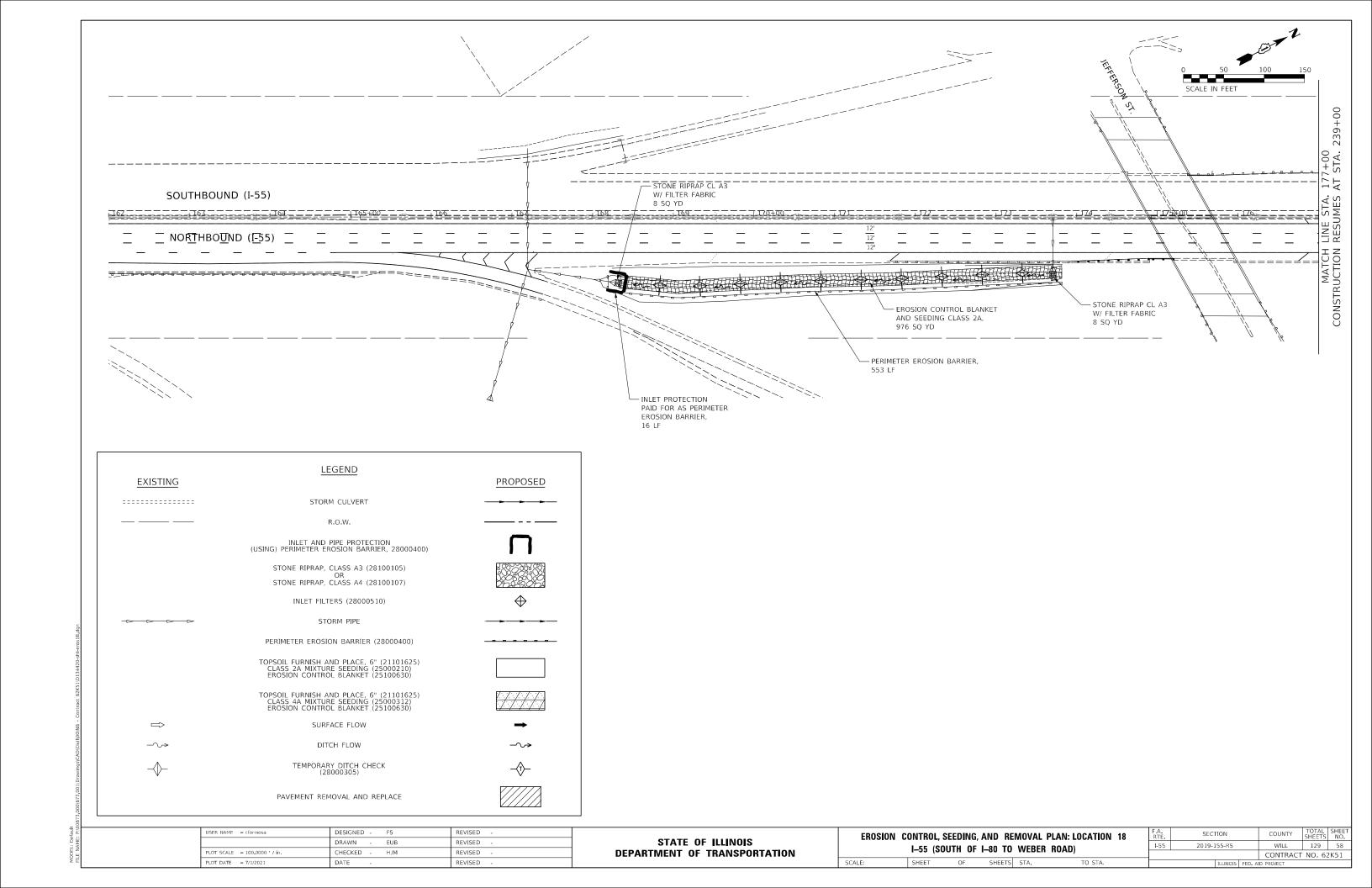
SOIL EROSION CONTROL GENERAL NOTES

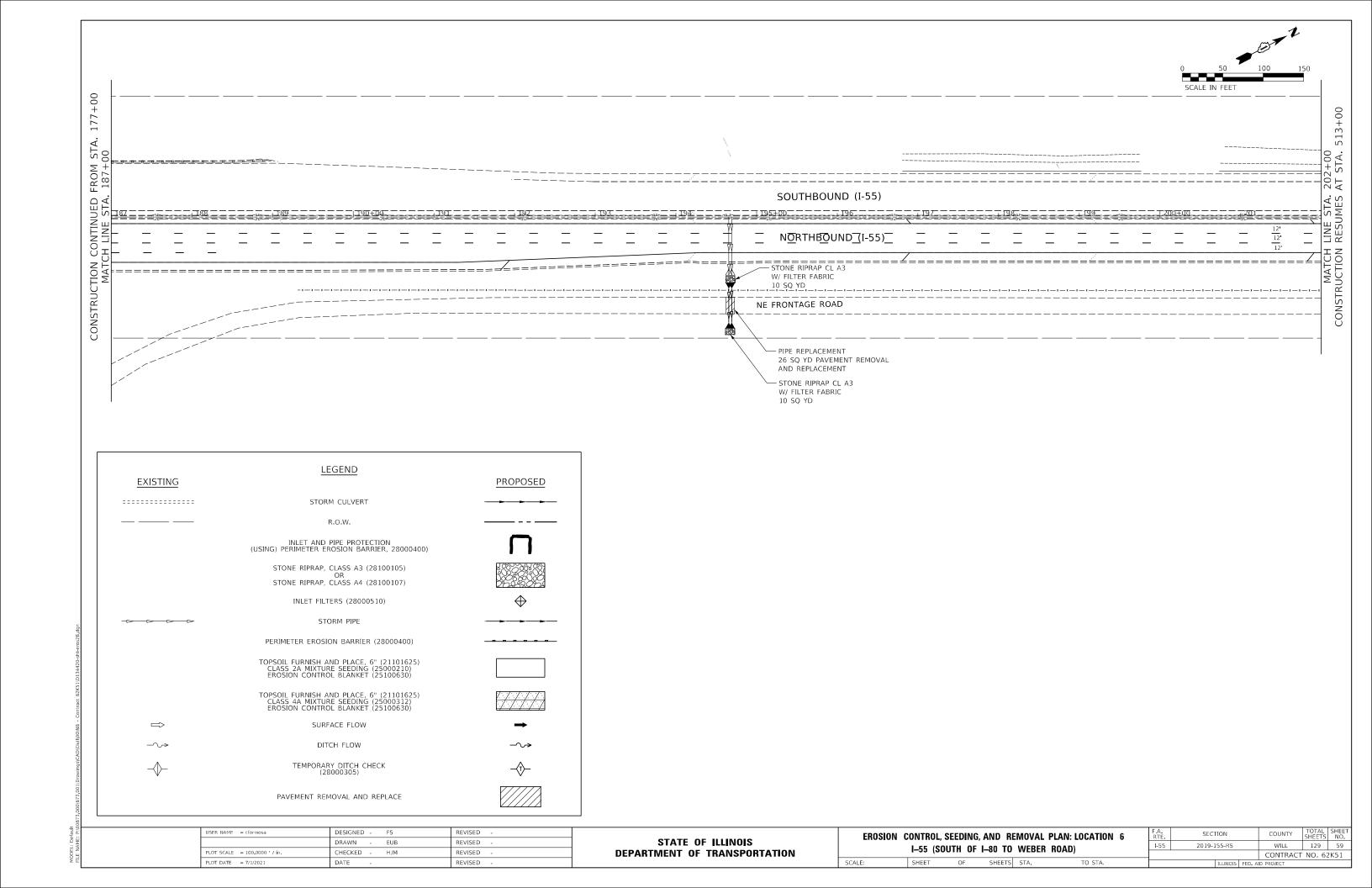
- 1. THE CONTRACTOR SHALL BE REQUIRED TO INSTALL AND MAINTAIN SILT FENCE AS INDICATED IN THE PLAN PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE EROSION CONDITIONS.
- 2. EXISTING CULVERTS WITHIN THE DISTURBED LIMIT SHALL BE PROTECTED PRIOR TO ANY CONSTRUCTION ACTIVITIES COMMENCING UPSTREAM.
- 3. PERMANENT SEEDING/SODDING SHALL BE IMPLEMENTED ACCORDING TO THE PLAN IN CONJUNCTION WITH CONSTRUCTION STAGING.
- 4. THE CONTRACTOR SHALL MAKE INSPECTIONS A MINIMUM OF ONCE EVERY SEVEN DAYS OF
- 1) DISTURBED AREAS OF THE PROJECT SITE THAT HAVE NOT BEEN FULLY STABILIZED,
- 2) STRUCTURAL CONTROL MEASURES (SILT FENCE, ETC.) AND
- 3) LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE. AN ADDITIONAL INSPECTION OF THE ITEMS LISTED ABOVE MUST BE MADE WITHIN TWENTY FOUR (24) HOURS OF A 0.5 INCH OR GREATER RAINFALL OR EQUIVALENT SNOWFALL.
- 5. GRASS AREAS DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ORIGINAL CONDITIONS. GRASS AREAS SHALL BE SEEDED AND COVERED WITH EXCELSION BLANKET AS INDICATED ON THE PLANS OR IN THE SPECIAL PROVISIONS.
- 6. DUST CONTROL:
- (1) WHEN DUST BLOWING FROM CONSTRUCTION SITES MAY BECOME A TRAFFIC HAZARD OR A DANGER TO THE HEALTH OR COMFORT TO PERSONS DOWNWIND, IT SHALL BE CONTROLLED EITHER PERMANENTLY OR TEMPORARILY DEPENDING UPON THE STATE OF DEVELOPMENT OF THE SITE. DUST CONTROL MEASURES SHALL BE TAKEN WHEN REQUIRED BY THE GOVERNING AUTHORITY.
- (2) DUST PROBLEMS FROM ACTIVE CONSTRUCTION AREAS SHALL BE KEPT UNDER CONTROL BY MEANS OF WATERING DRY SURFACES AND/OR THE APPLICATION OF CALCIUM CHLORIDE. APPLICATION AND REPETITION RATES SHALL BE AS NECESSARY FOR EFFECTIVE CONTROL.
- (3) IN THE EVENT OF SEVERE DUST PROBLEMS, THE GOVERNING AUTHORITY MAY STOP SUCH DUST-PRODUCING ACTIVITIES UNTIL THE PROBLEM IS RESOLVED.
- (4) CONTRACTOR SHALL BE RESPONSIBLE TO TAKE NECESSARY MEASURES TO CONTROL DUST SO THERE WILL BE NO DUST PROBLEMS FOR ADJACENT RESIDENTS CAUSED BY CONSTRUCTION
- 7. CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED TO MINIMIZE THE TIME SOIL IS EXPOSED AND UNPROTECTED, IN NO CASE SHALL THE EXISTING VEGETATION BE DESTROYED, REMOVED, OR DISTURBED MORE THAN FOURTEEN (14) CALENDAR DAYS PRIOR TO THE INITIATION OF
- 8. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING
- 9. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO THE CONSTRUCTION LIMITS AS INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN. THE RESIDENT ENGINEER SHALL MAKE THE FINAL DETERMINATION ON THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER.
- 10. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE. ALL CHANGES TO THE SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE NOTED ON THE SITE PLAN.
- 11. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF THE YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND PERMANENT MEASURES.
- 12. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- 13. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN ONE (1) CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE, OR RE-DISTURBANCE, A QUANTITY OF TEMPORARY EROSION CONTROL SEEDING IS INCLUDED FOR AREAS THAT ARE DISTURBED BUT WILL NOT BE RESTORED WITHIN 14 DAYS.
- 14. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- 15. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, AS APPROVED BY THE ENGINEER.
- 16. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PRIME CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR. THE CONTRACTOR SHALL INSPECT ALL SOIL EROSION CONTROL MEASURE ON A WEEKLY BASIS OR AFTER A ONE-HALF INCH RAINFALL AND REPLACE, REPAIR OR CLEAN THEM ON A TIMELY BASIS. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED AFTER EACH SIGNIFICANT SNOW MELT. ALL OFF SITE BORROW, WASTE AND USE AREAS ARE PART OF THE CONSTRUCTION SITE AND ARE TO BE INSPECTED AT THE SAME FREQUENCY OF ON SITE INSPECTIONS.

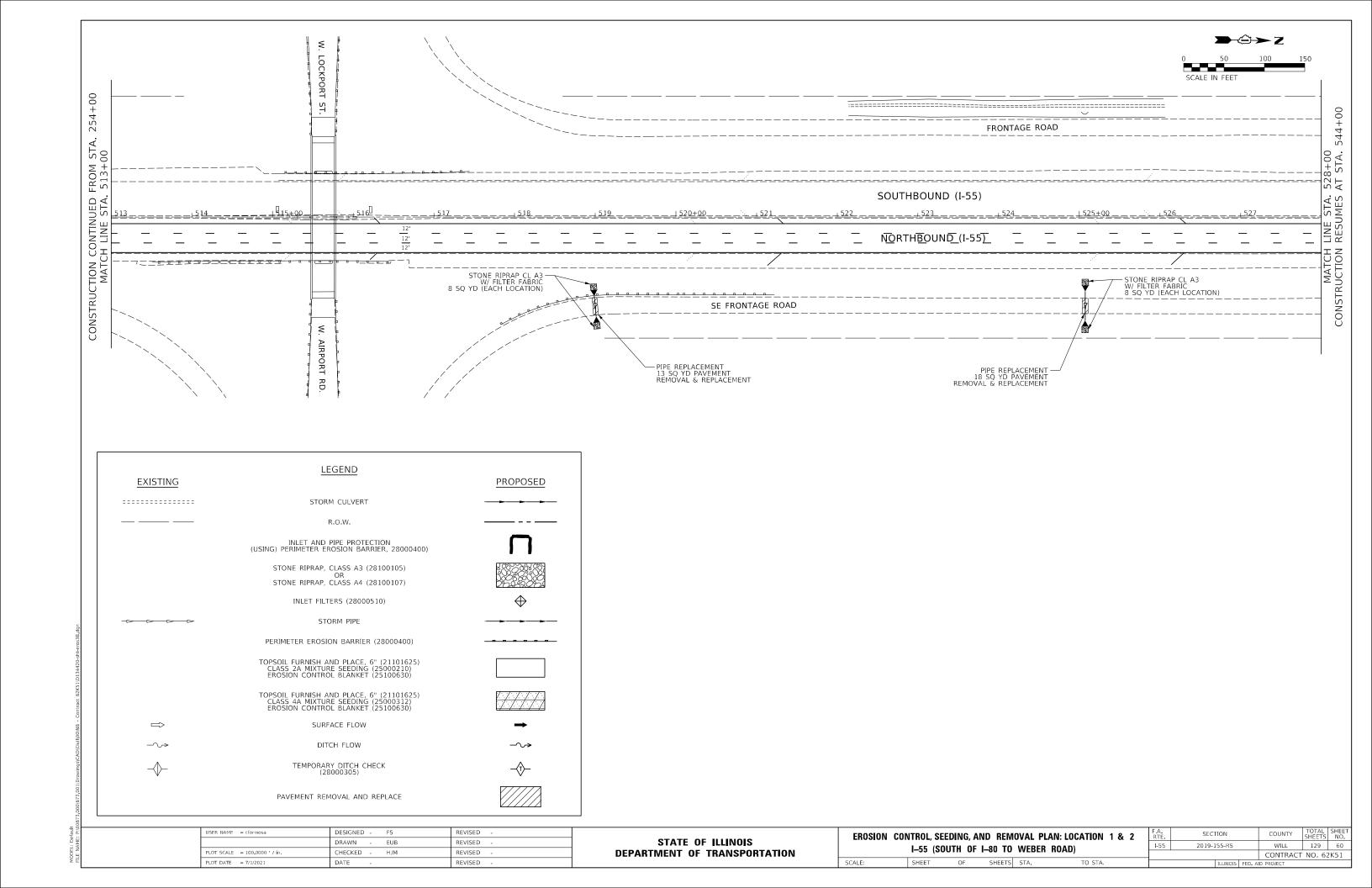
- 17. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. ALL PRECAUTIONS SHALL BE TAKEN TO AVOID TRACKING DURING CONSTRUCTION.
- 18. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES. STOCKPILES OR SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES TO REMAIN UNDISTURBED FOR MORE THAN 14 DAYS WILL RECEIVE TEMPORARY SEEDING WITHIN 7 CALENDAR DAYS.
- 19. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, SILT FILTER BAG (SPECIAL)) OR OTHER APPROPRIATE MEASURE.
- 20. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS, ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
- 21. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- 22. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.
- 23. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTORS WHO MAY PERFORM WORK ON THIS PROJECT OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENT SET FORTH BY THE ILLINOIS EPA.
- 24. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES MAINTENANCE GUIDE: HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL).
- 25. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS. ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

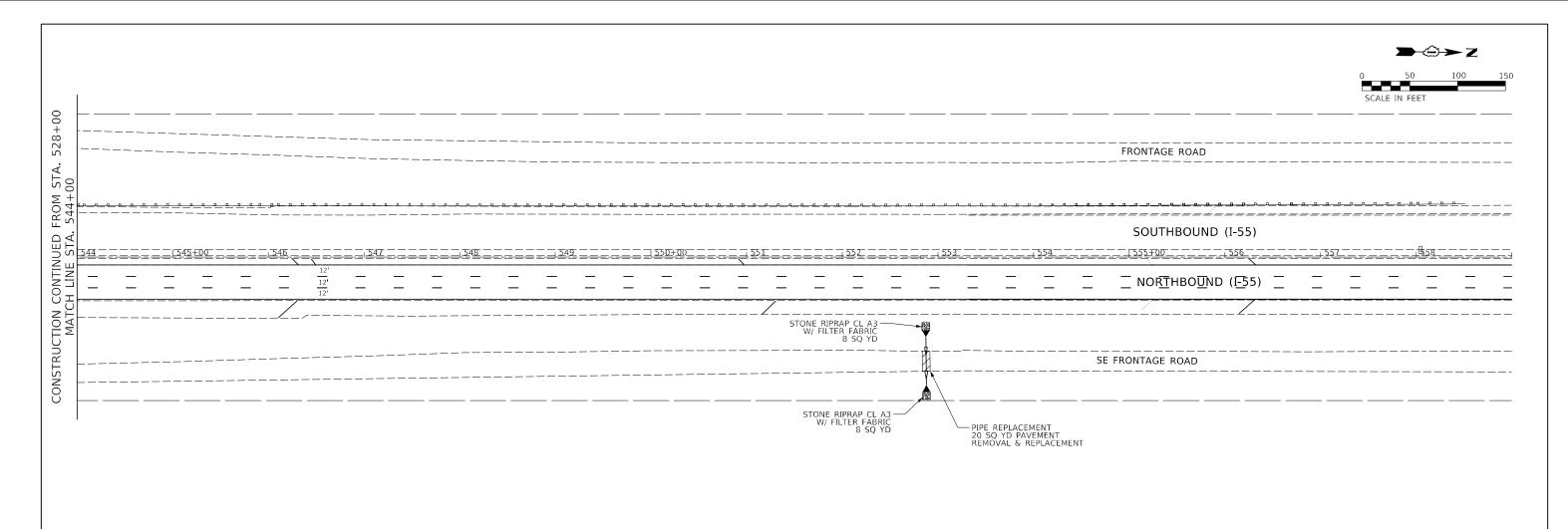
USER NAME = cformosa	DESIGNED	-	FS	REVISED	-
	DRAWN	-	EUB	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-	MIM	REVISED	-
PLOT DATE = 7/1/2021	DATE	-		REVISED	-

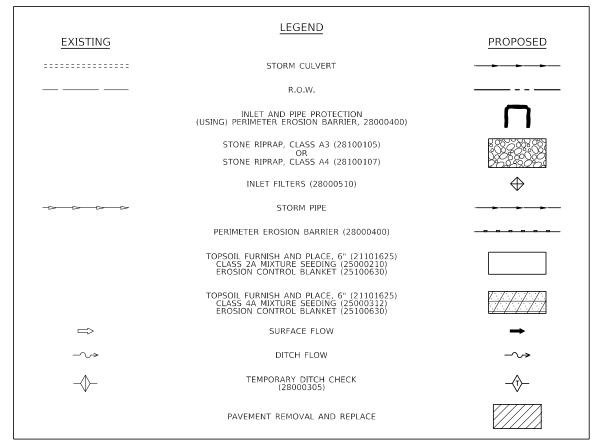
SOIL EROSION CONTROL & SEDIMENTATION CONTROL – GENERAL NOTI	S F.A. RTE.	SECTION	N	COUNTY	TOTAL SHEETS	SHEET NO.
I-55 (SOUTH OF I-80 TO WEBER ROAD)	1-55	2019-155-	-RS	WILL	129	57
1-33 (300111 01 1-00 10 WEBEII HOAD)				CONTRAC	T NO. 6	2K51
SCALE: SHEET OF SHEETS STA. TO STA.		ILL	INOIS F	ED. AID PROJECT		











DESIGNED - FS

EUB

DRAWN -

CHECKED -

DATE

REVISED

REVISED

REVISED

REVISED

JSER NAME = cformosa

PLOT DATE = 7/1/2021

PLOT SCALE = 100.0000 ' / in.

DEPART

EROSION	CONTROL,	SEEDING	, AND RE	EMOVAL	. PLAN: LOCATION	3
	I–55 (SC	OUTH OF	I–80 TO	WEBER	R ROAD)	
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	

F.A. RTE	SECT	ПОИ	COUNTY	TOTAL SHEETS	SHEET NO.	
1-55	2019-155-RS			WILL	129	61
·				CONTRACT	NO. 62	2K51
		ILLINOIS	FED. A	ID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

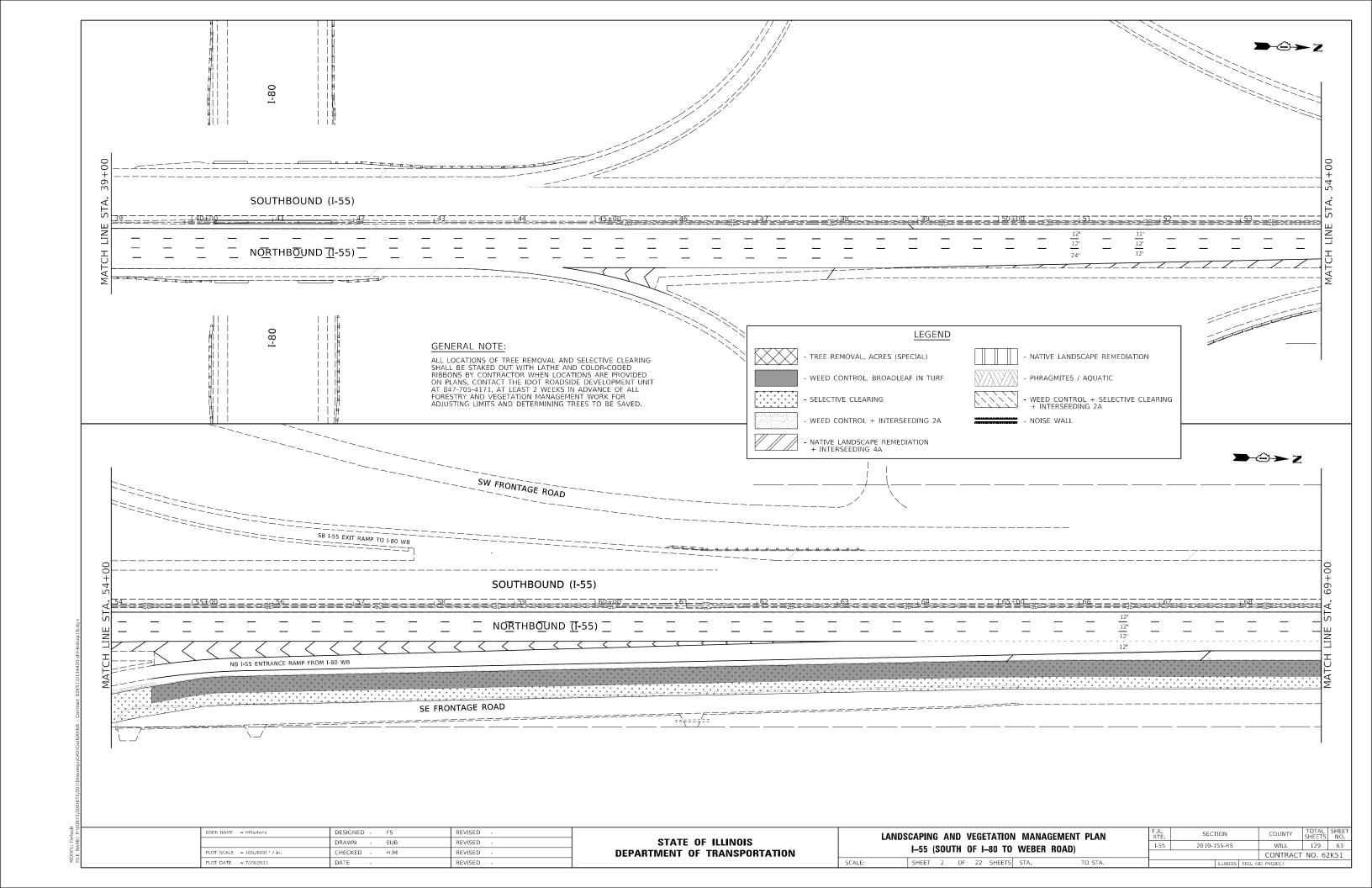
	LANDSCAPING CALENDAR		
CONTRACT NO. 62K51	I-55 (NB): I-80 TO WEBER ROAD		
DATES - LANDSCAPE ITEMS	DESCRIPTION	UNIT	SP
NOVEMBER 1 - MARCH 31	TREE REMOVAL, ACRES (SPECIAL)	ACRE	*
NOVEMBER 1 - MARCH 31	SELECTIVE CLEARING	ACRE	*
NOVEMBER 1 - MARCH 31	TREE PRUNING	EACH	
APRIL 15 - NOVEMBER 1	TREE CARE	EACH	*
APRIL 15 - JUNE 30	WEED CONTROL, BROADLEAF IN TURF	ACRE	*
APRIL 15 - OCTOBER 1	WEED CONTROL, NATIVE LANDSCAPE REMEDIATION	UNIT	*
AUGUST 1 - NOVEMBER 1	SEEDING, CLASS 2A	ACRE	
AUGUST 1 - NOVEMBER 1	INTERSEEDING, CLASS 2A	ACRE	
AUGUST 1 - SEPTEMBER 15	WEED CONTROL, AQUATIC	ACRE	*
OCTOBER 15 - DECEMBER 1	INTERSEEDING, CLASS 4B	ACRE	
OCTOBER 15 - DECEMBER 1	SEEDING, CLASS 4A	ACRE	
OCTOBER 15 - DECEMBER 1	INTERSEEDING, CLASS 4A	ACRE	

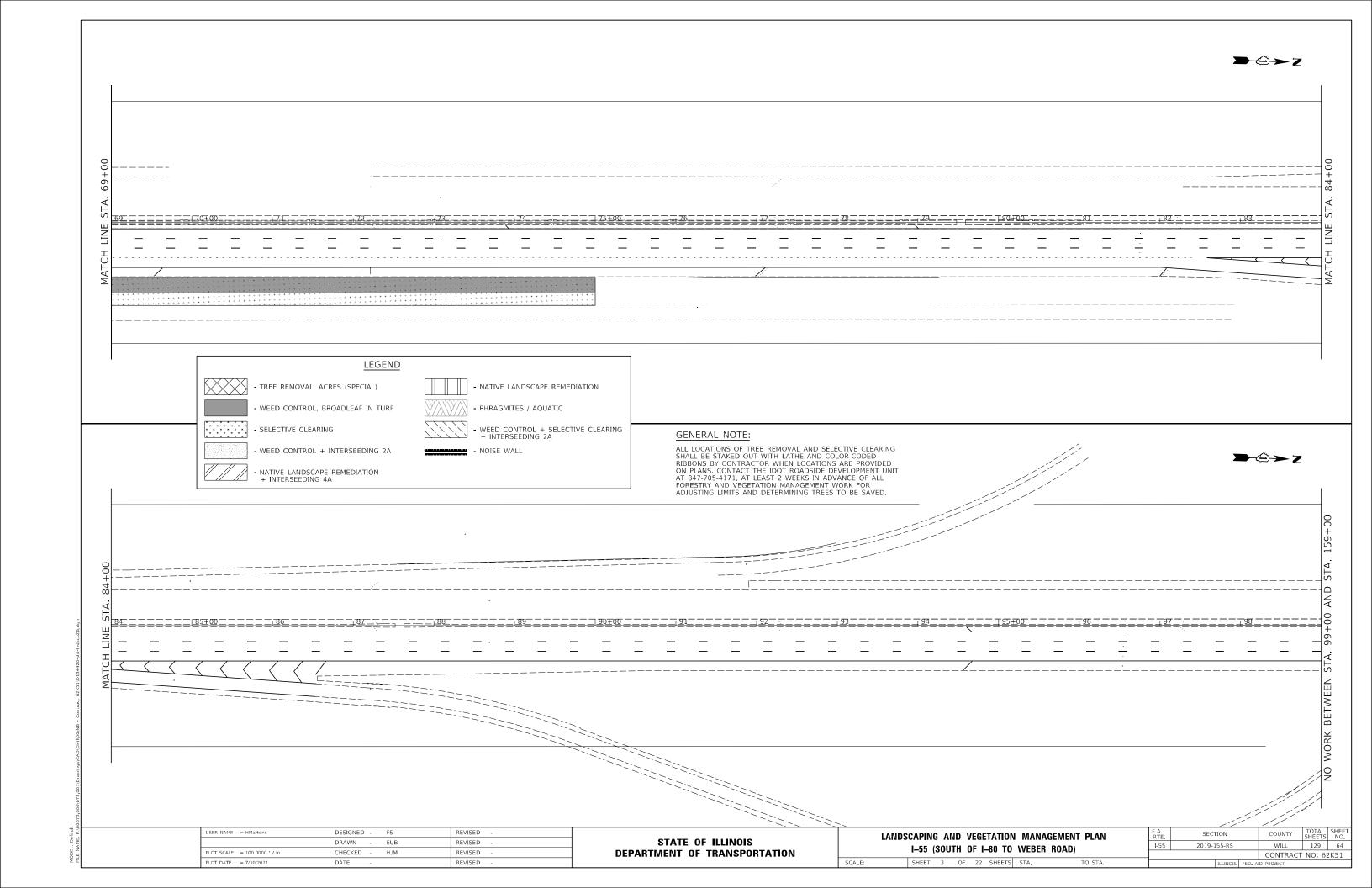
.. Deraun AME: V00673 000\673 001\Drawings\CAD\Civil\00\N

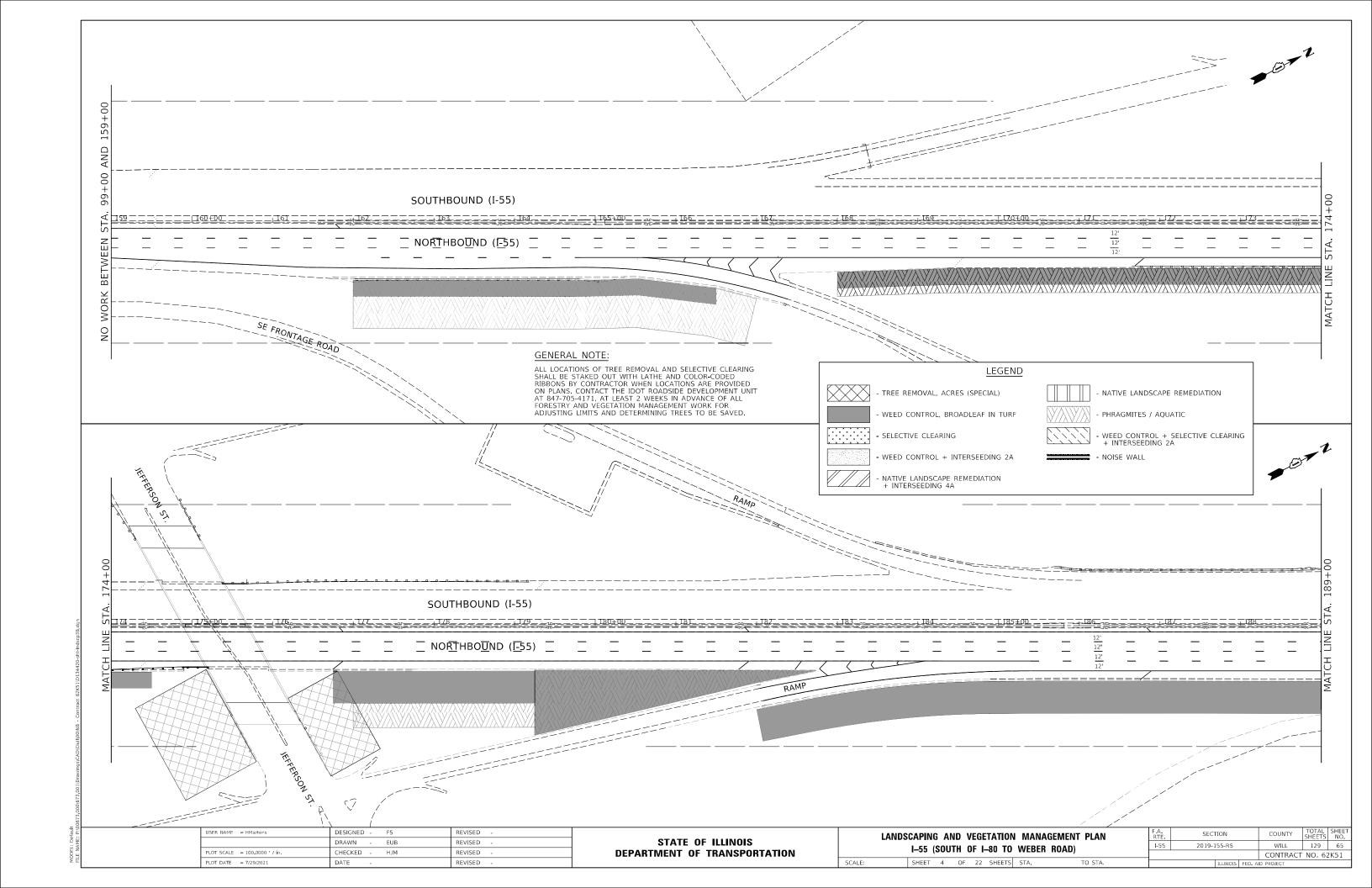
USER NAME = HMartens	DESIGNED	-	FS	REVISED -	
	DRAWN	-	EUB	REVISED -	
PLOT SCALE = 100.0000 / in.	CHECKED	-	HJM	REVISED -	
PLOT DATE = 7/29/2021	DATE	-		REVISED -	

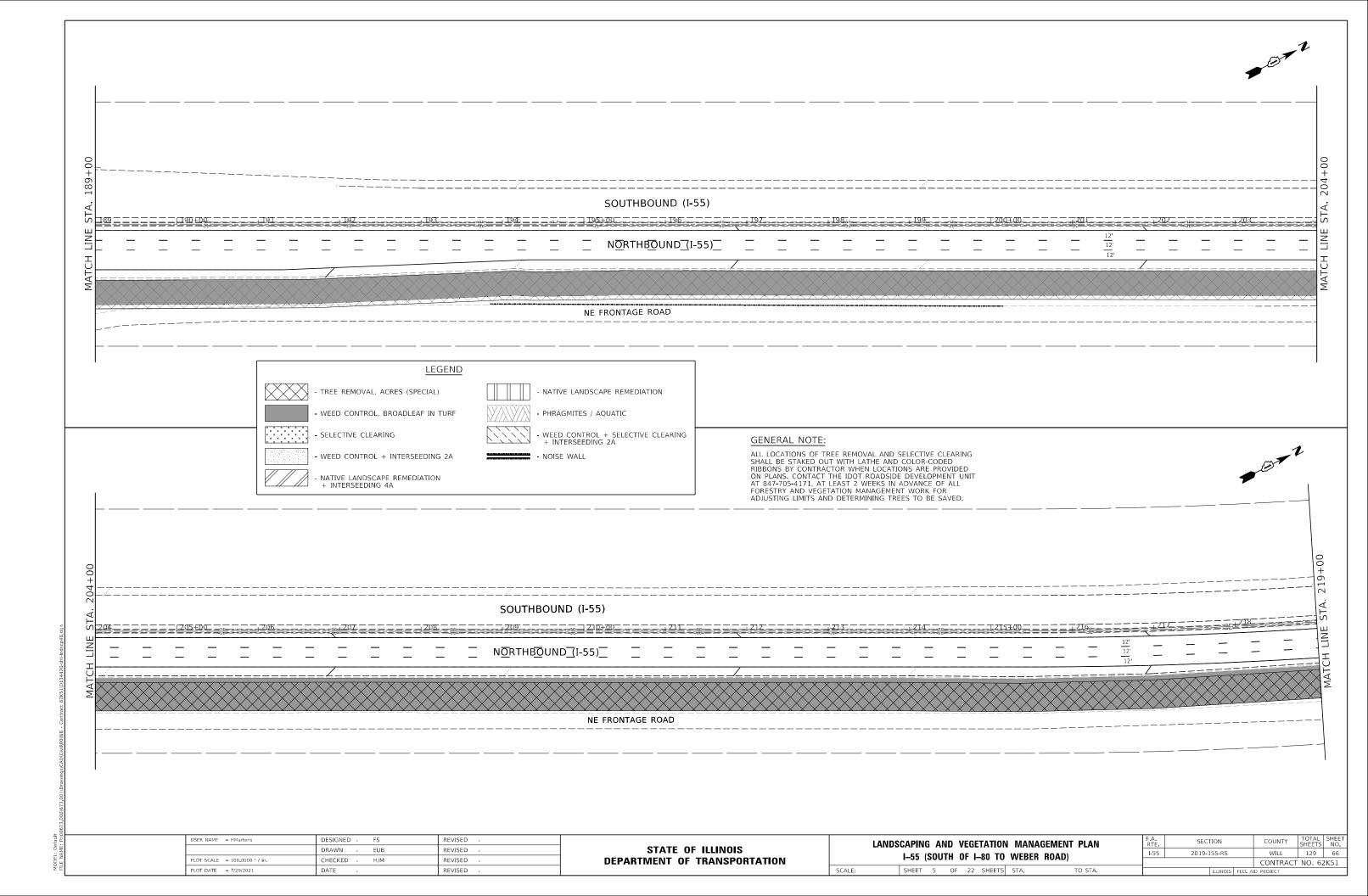
LANDSCAPING CALENDAR										
I–55	(SOU	TH ()F I-	-80	T0	WEBER	ROAD)			
SHEET	1	OF	22	СПЕ	ЕТС	STA		TO:		

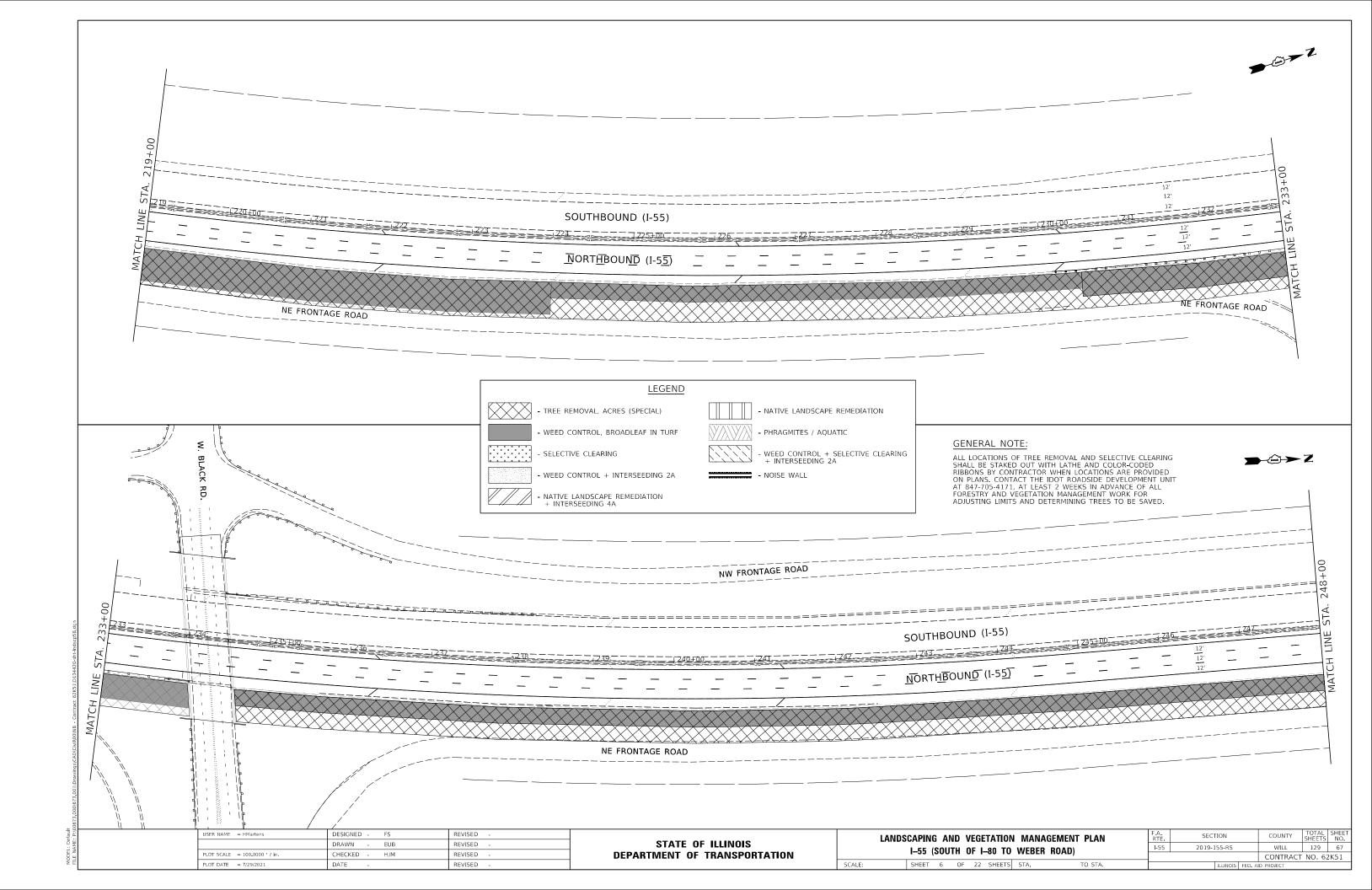
SCALE:

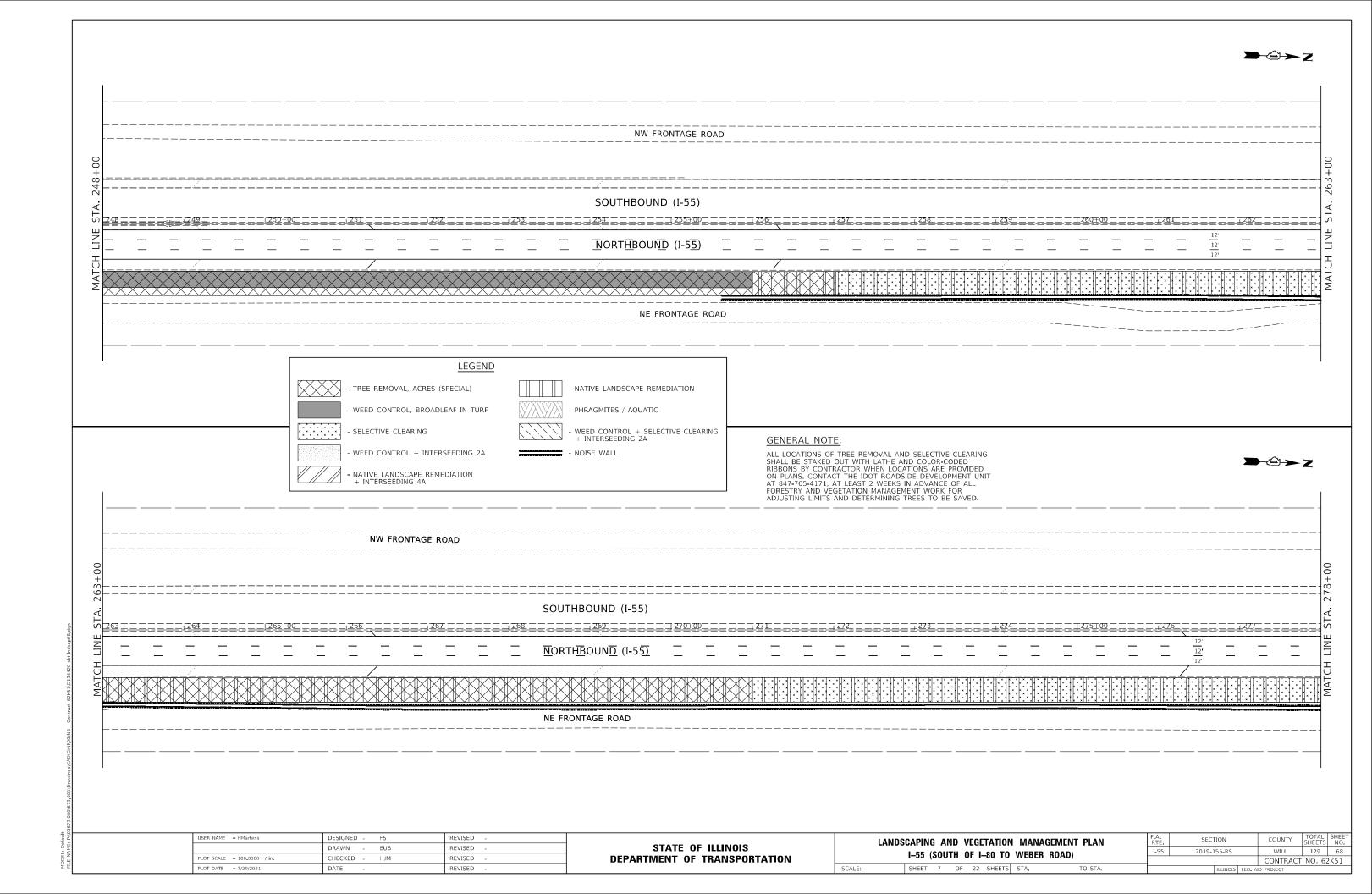






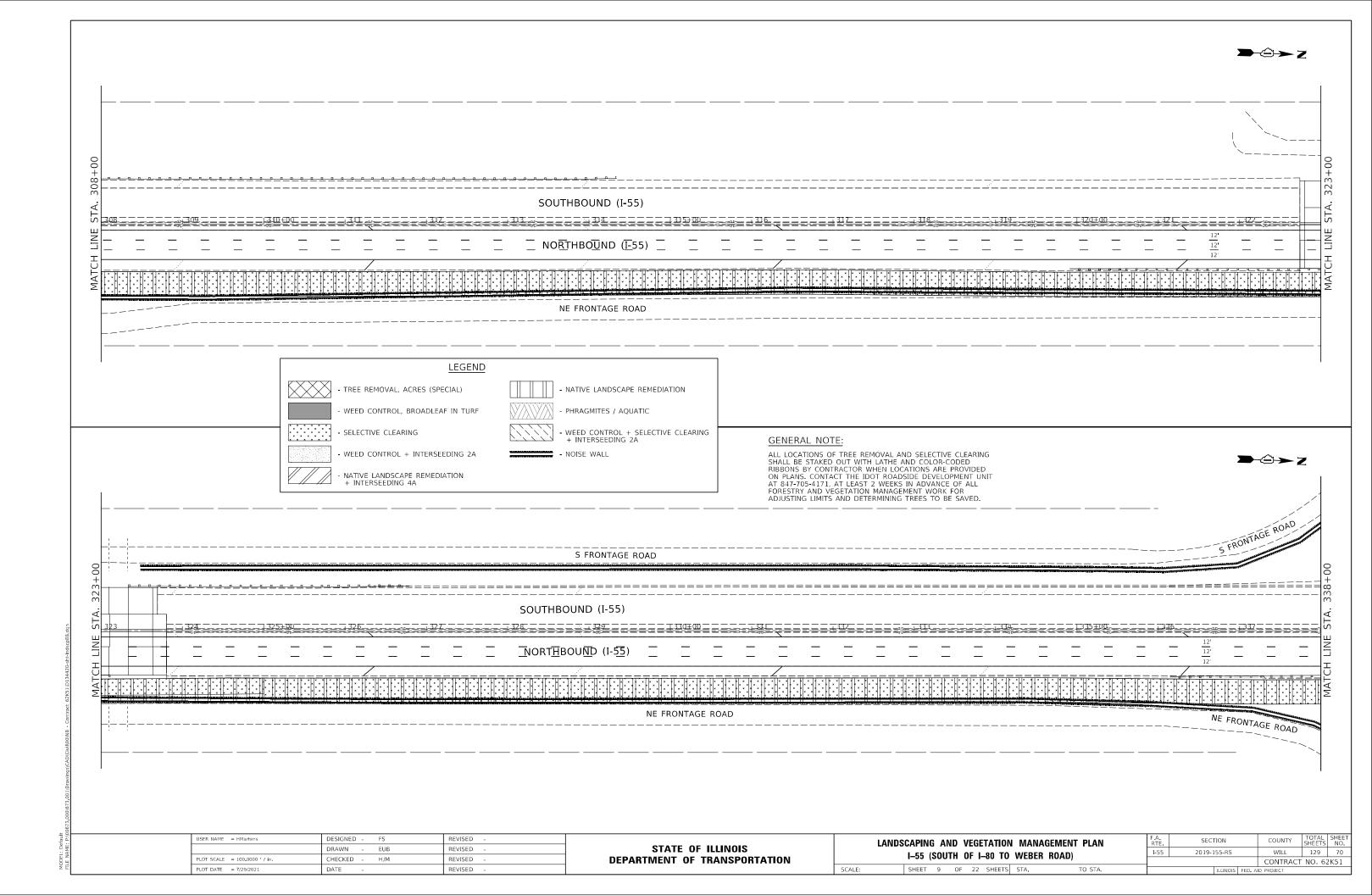


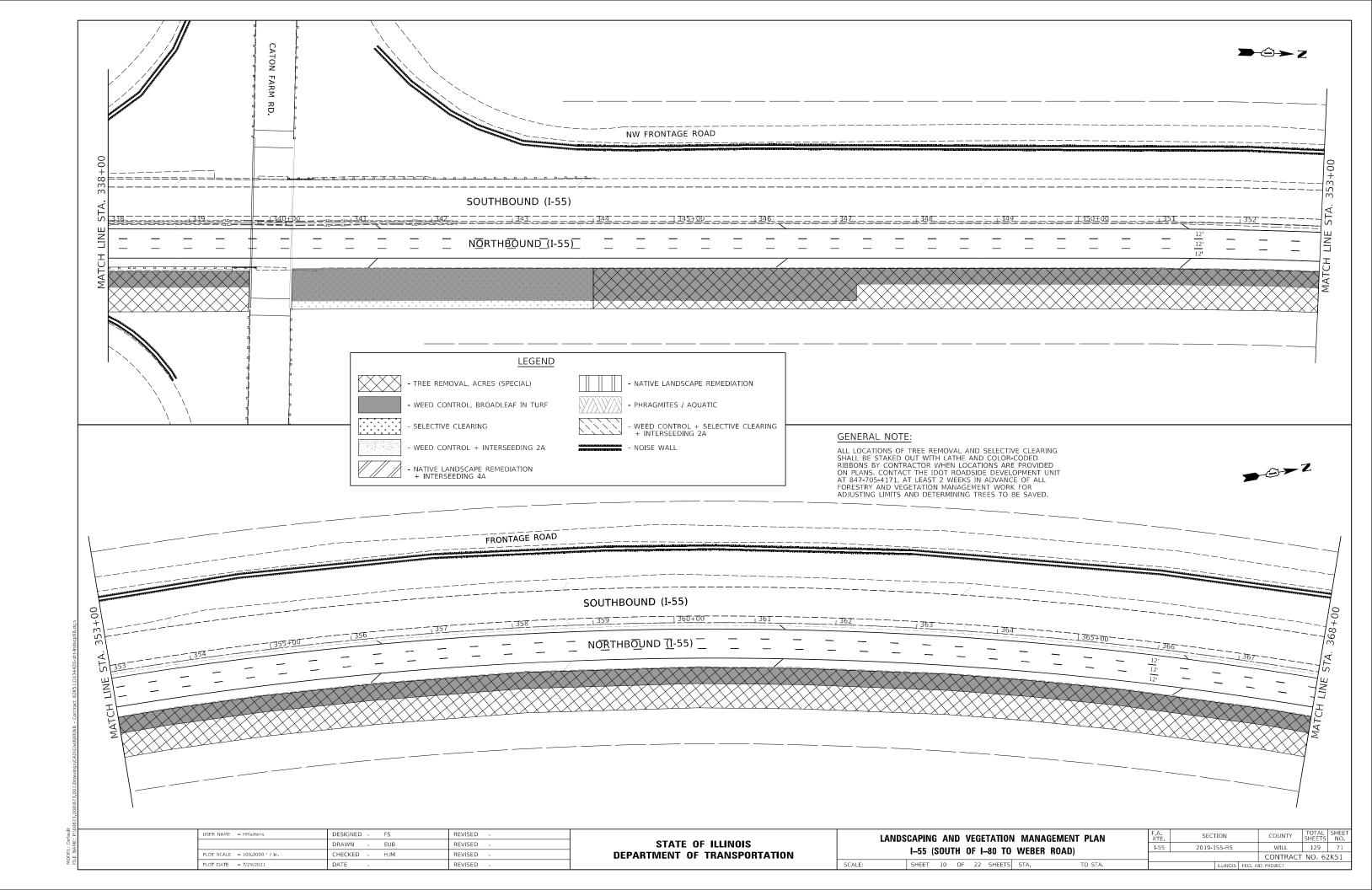


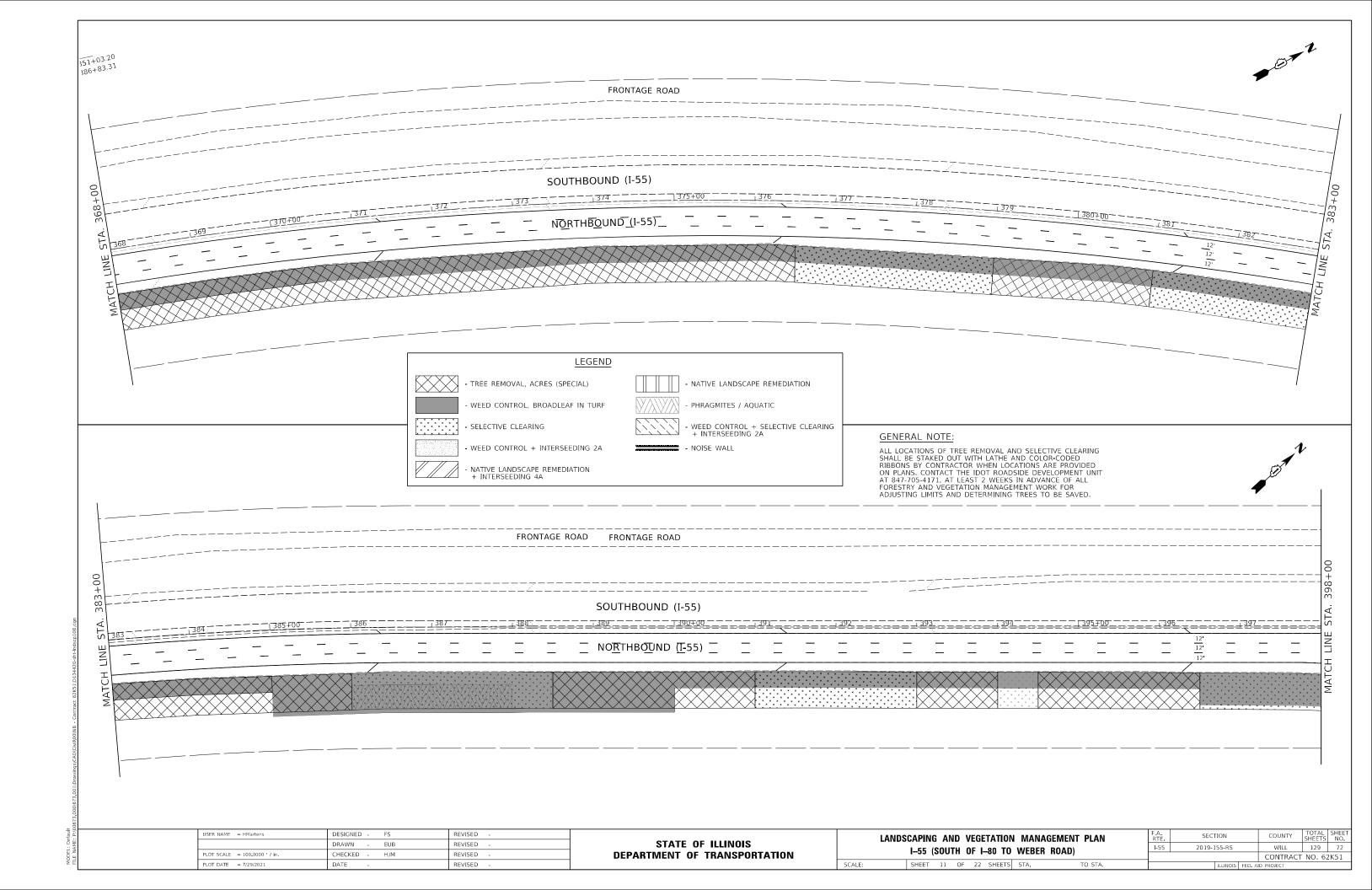


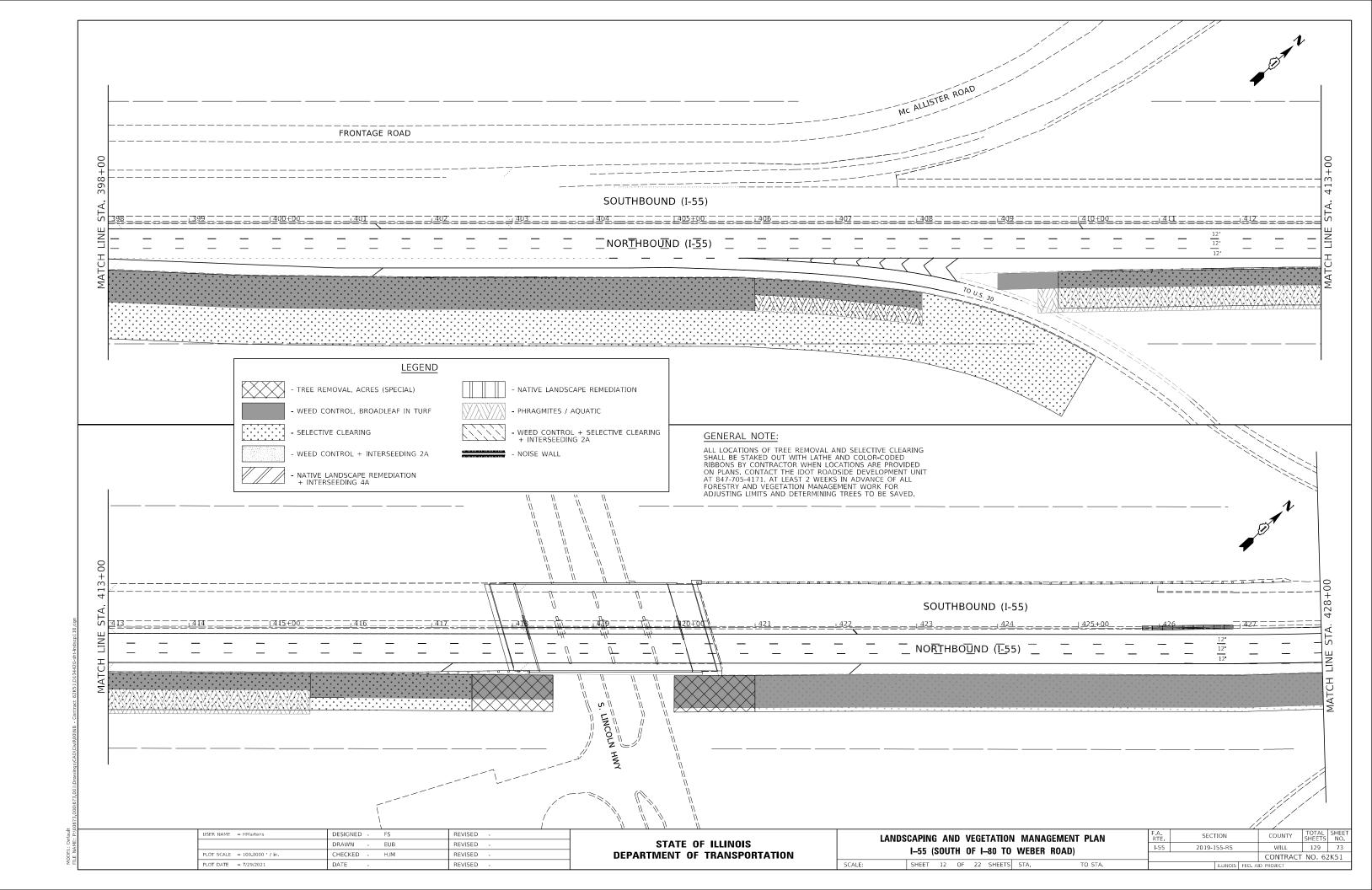
PLOT DATE = 7/29/2021

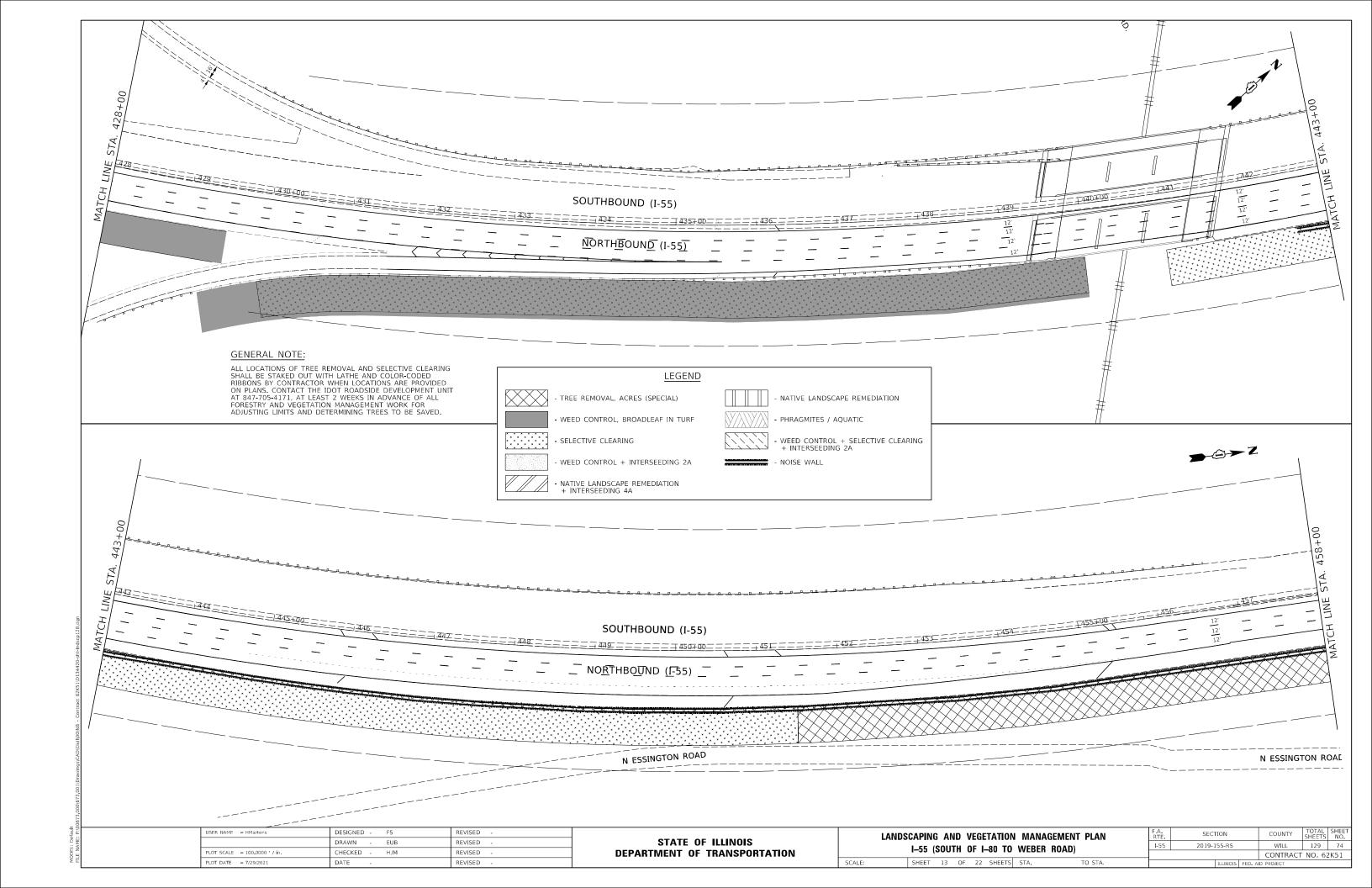
REVISED

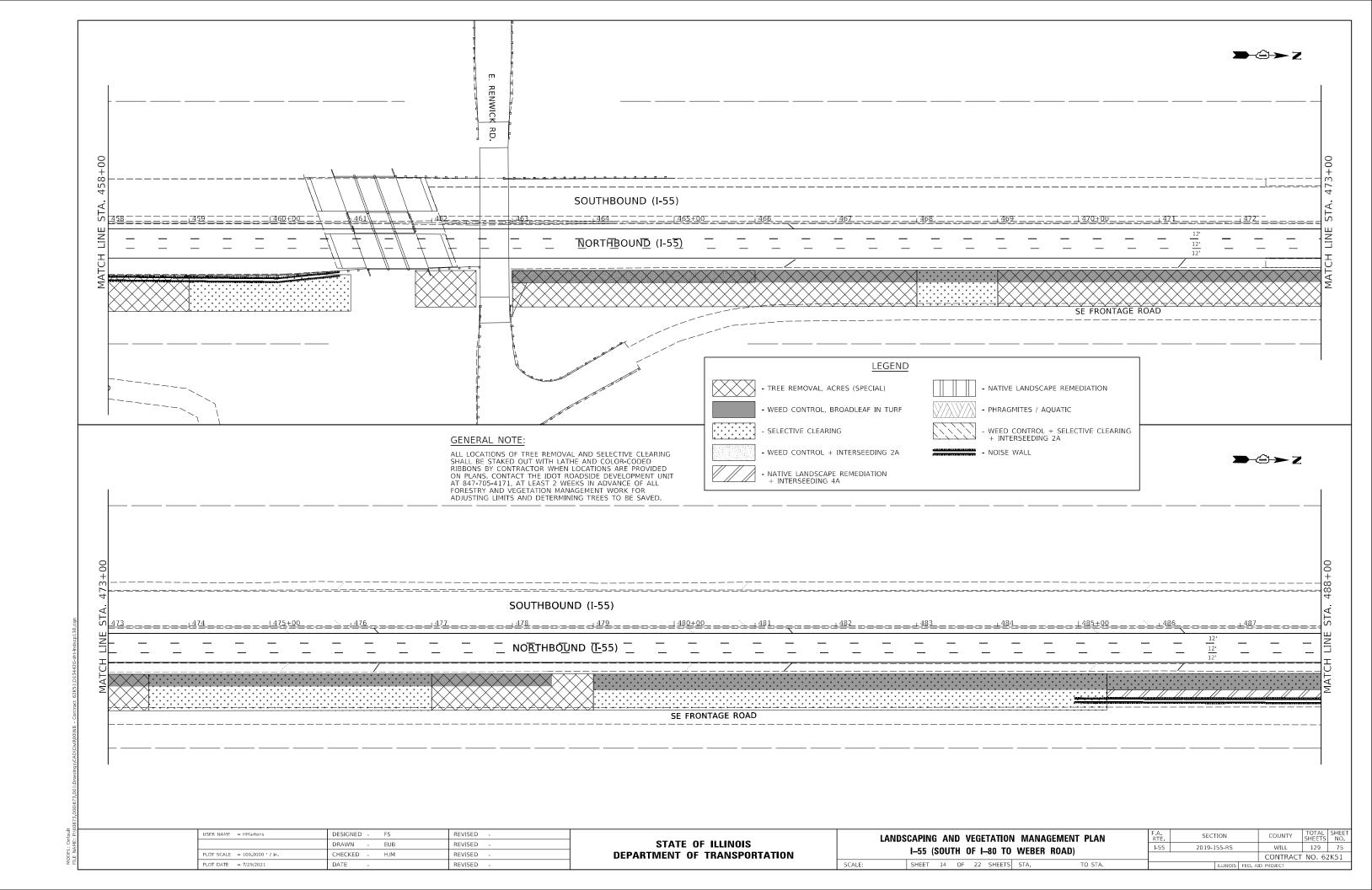


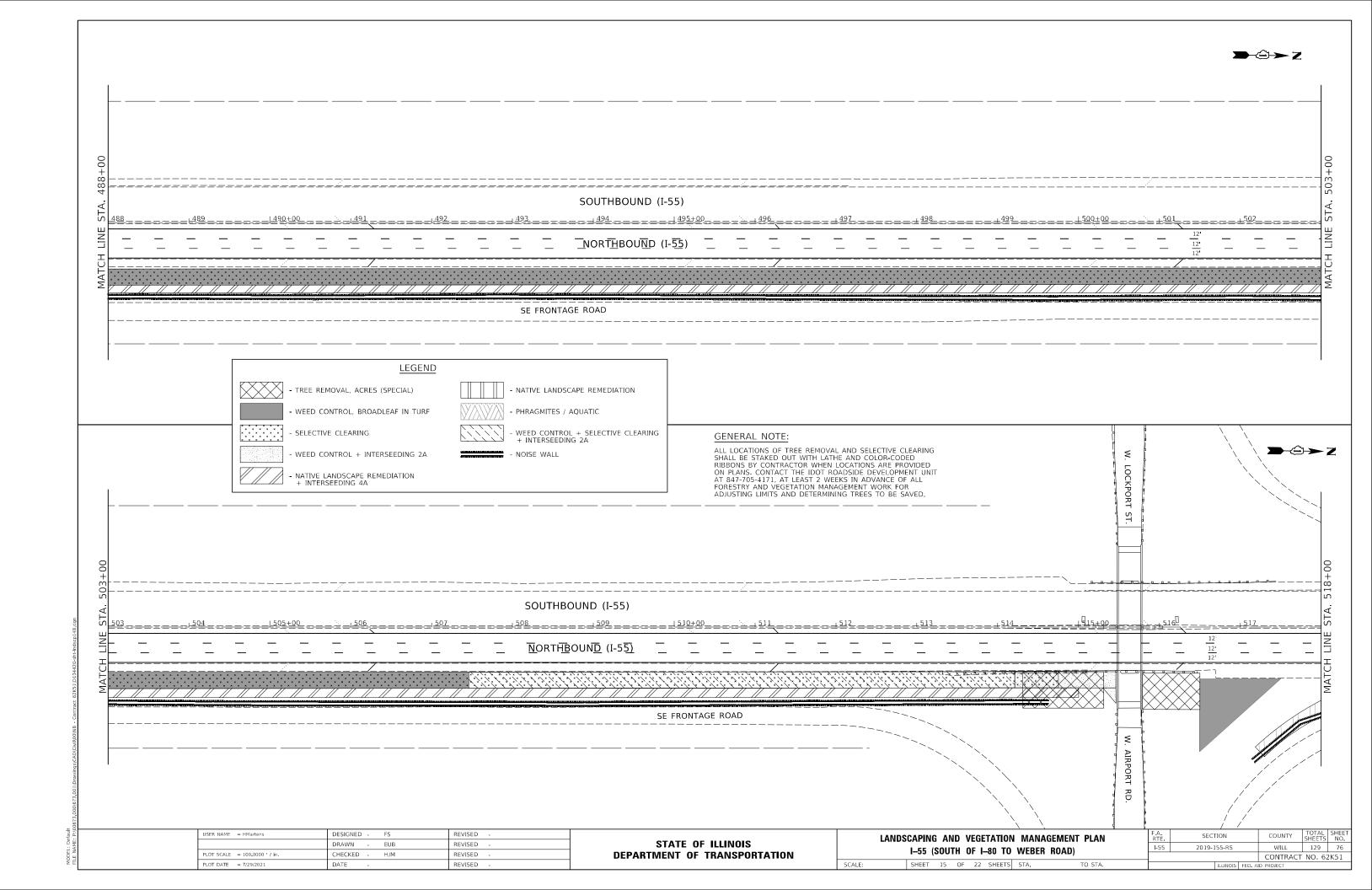


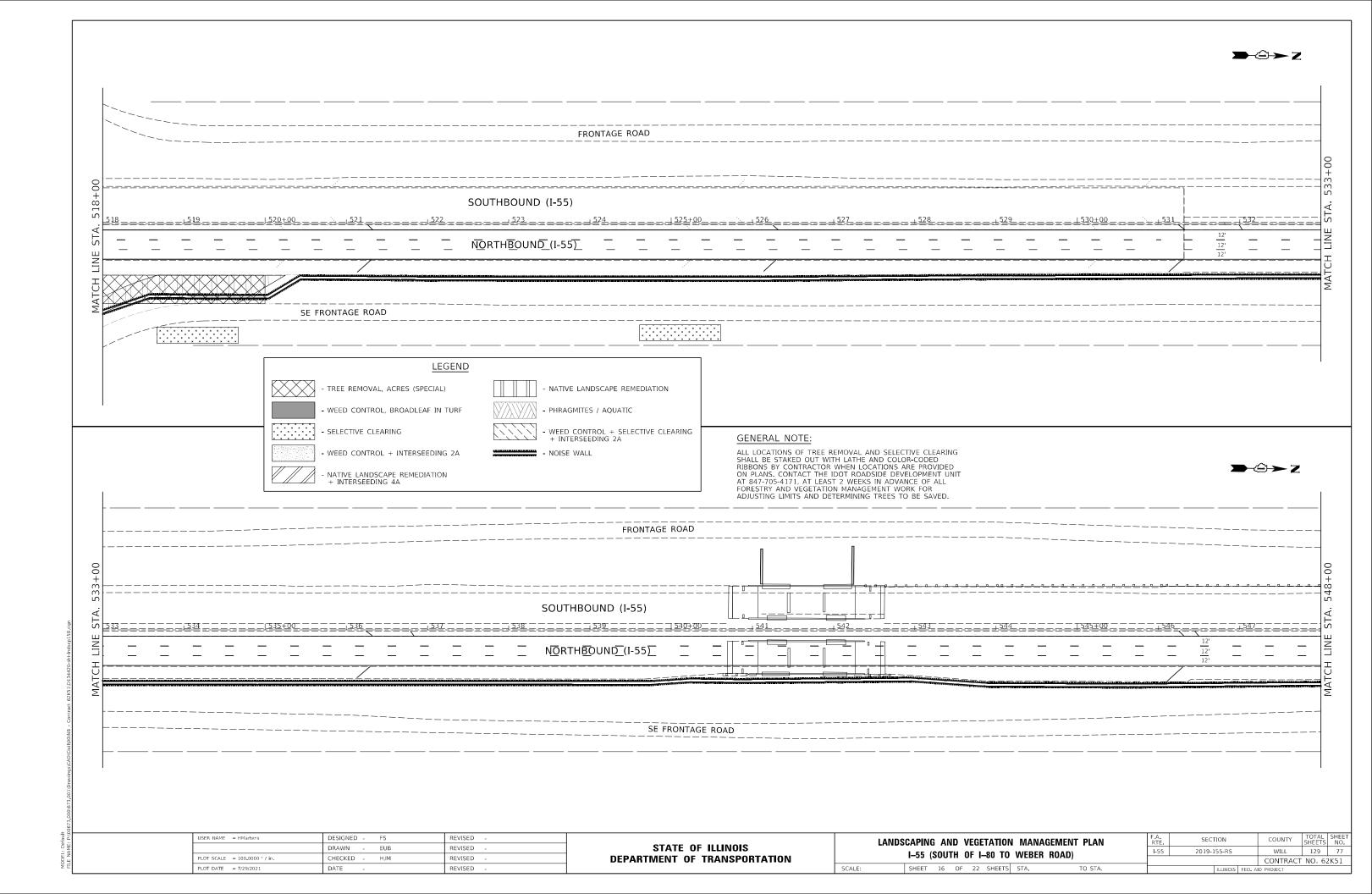


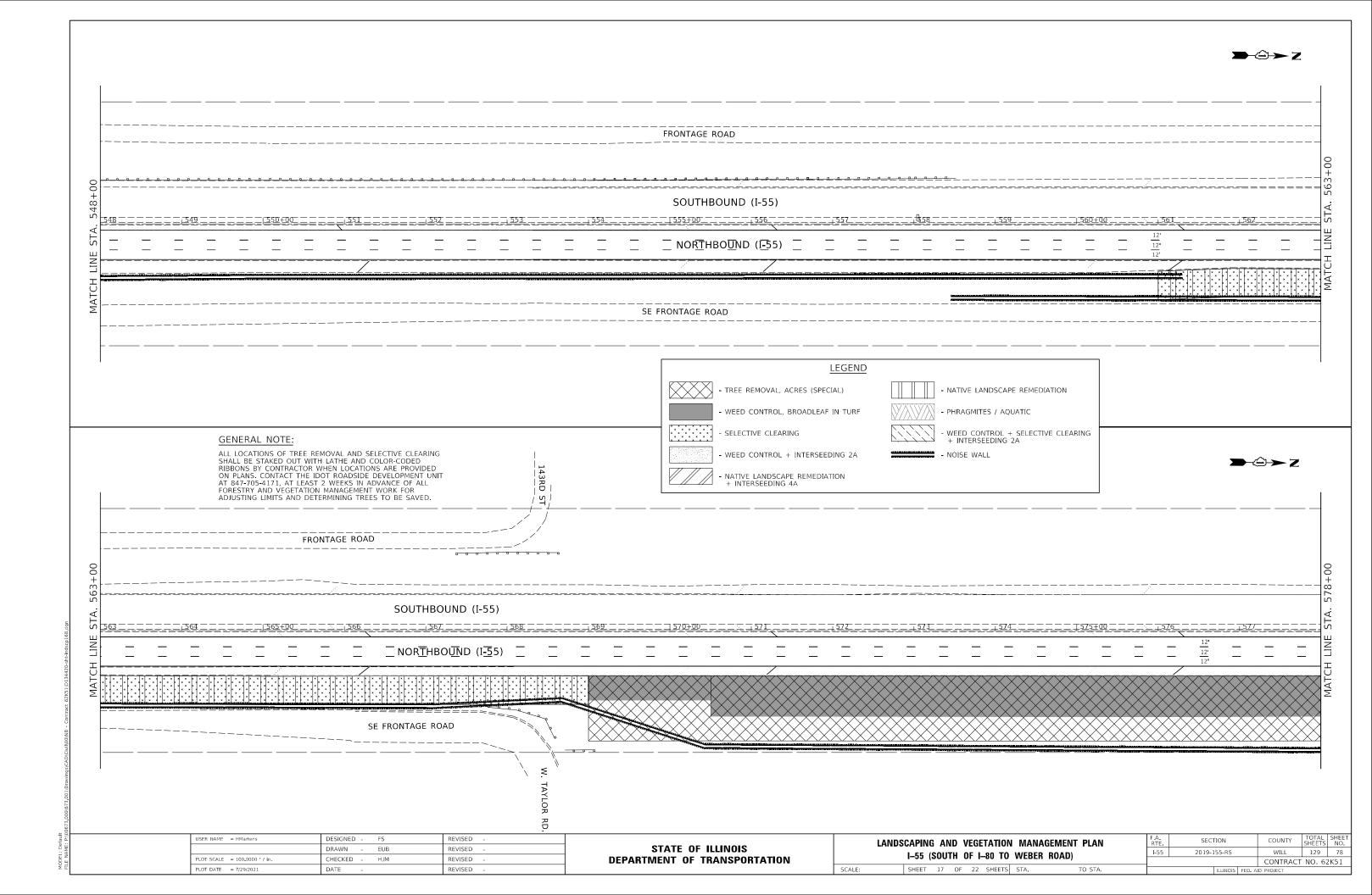


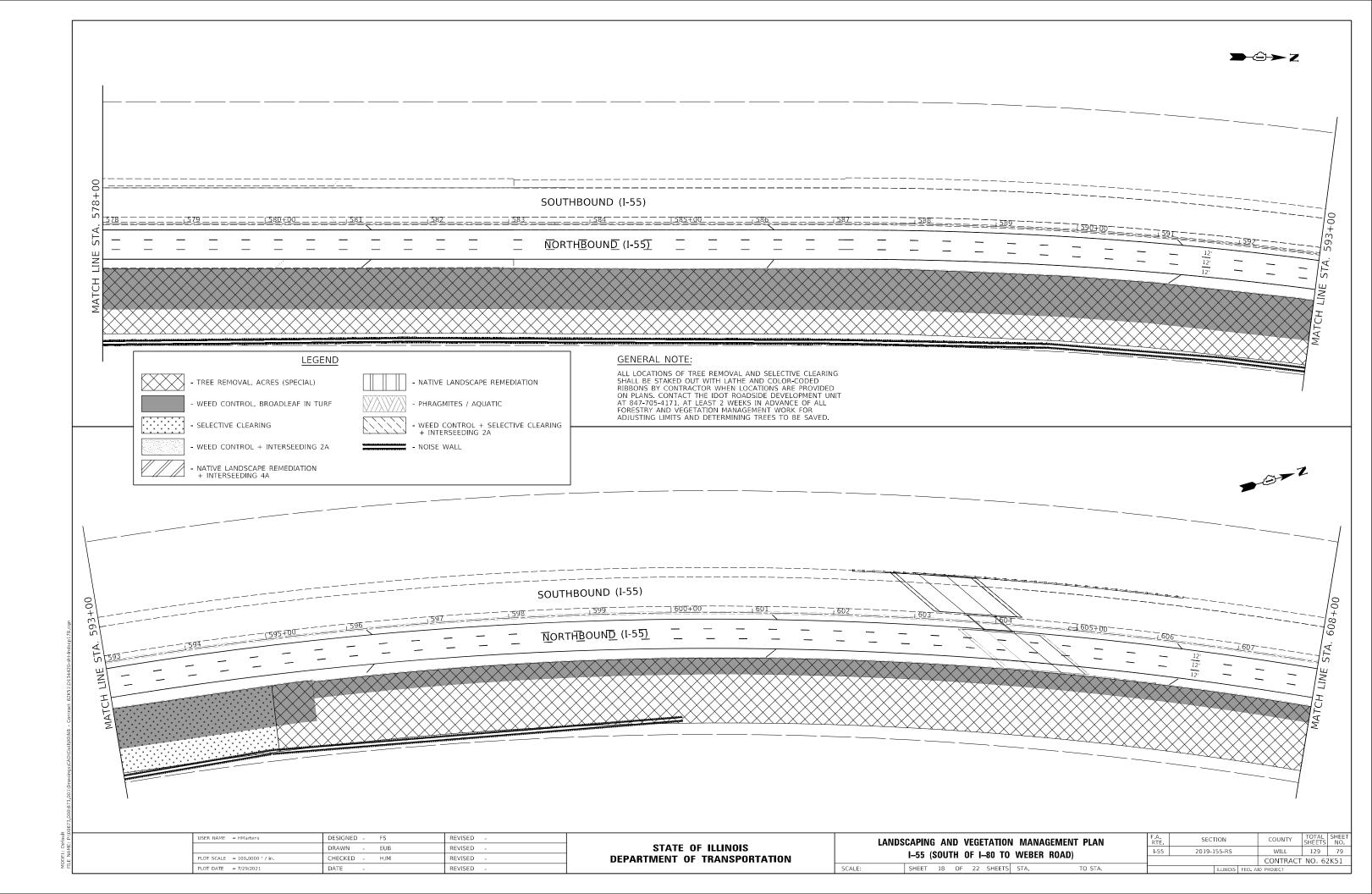


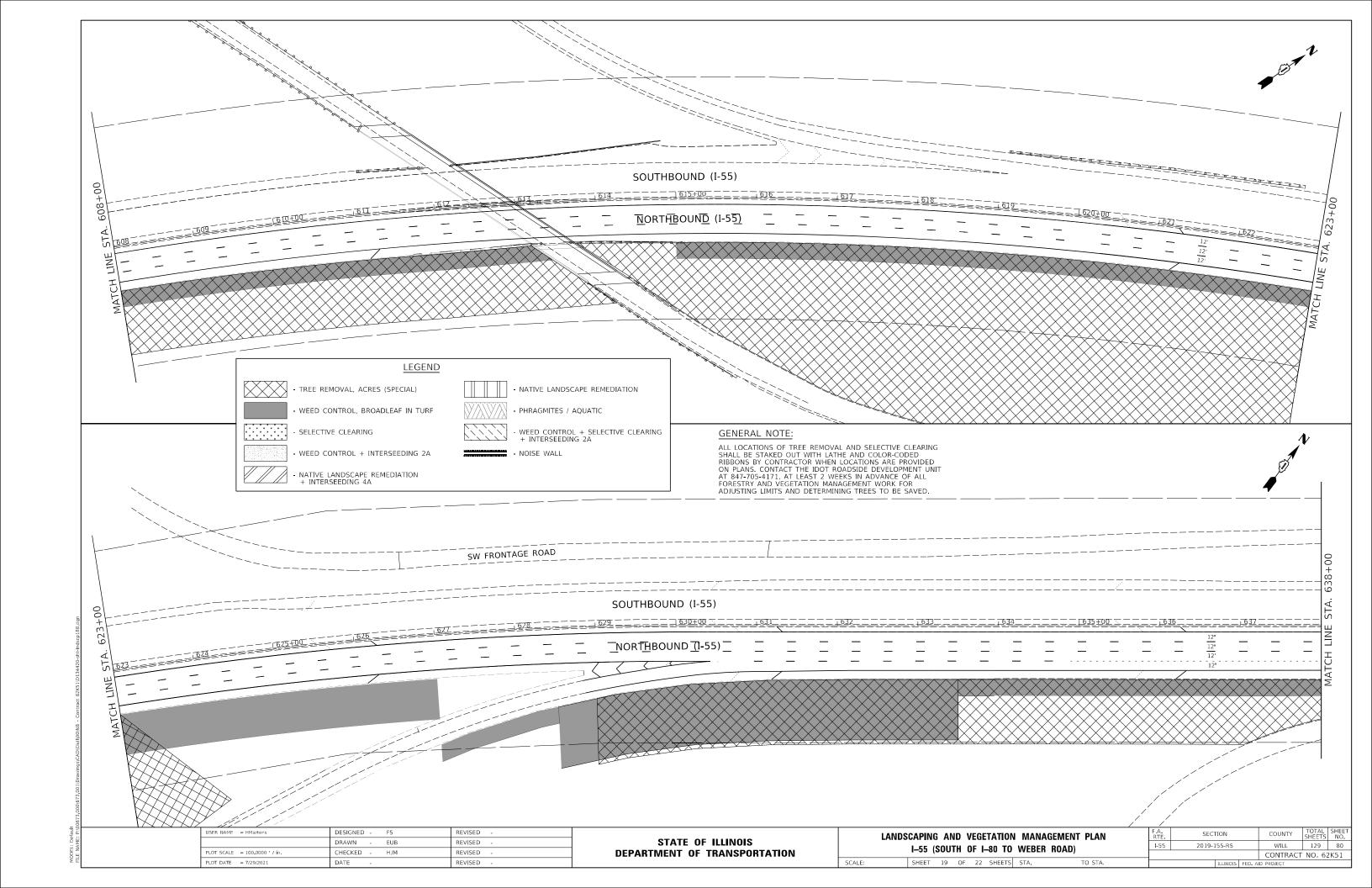


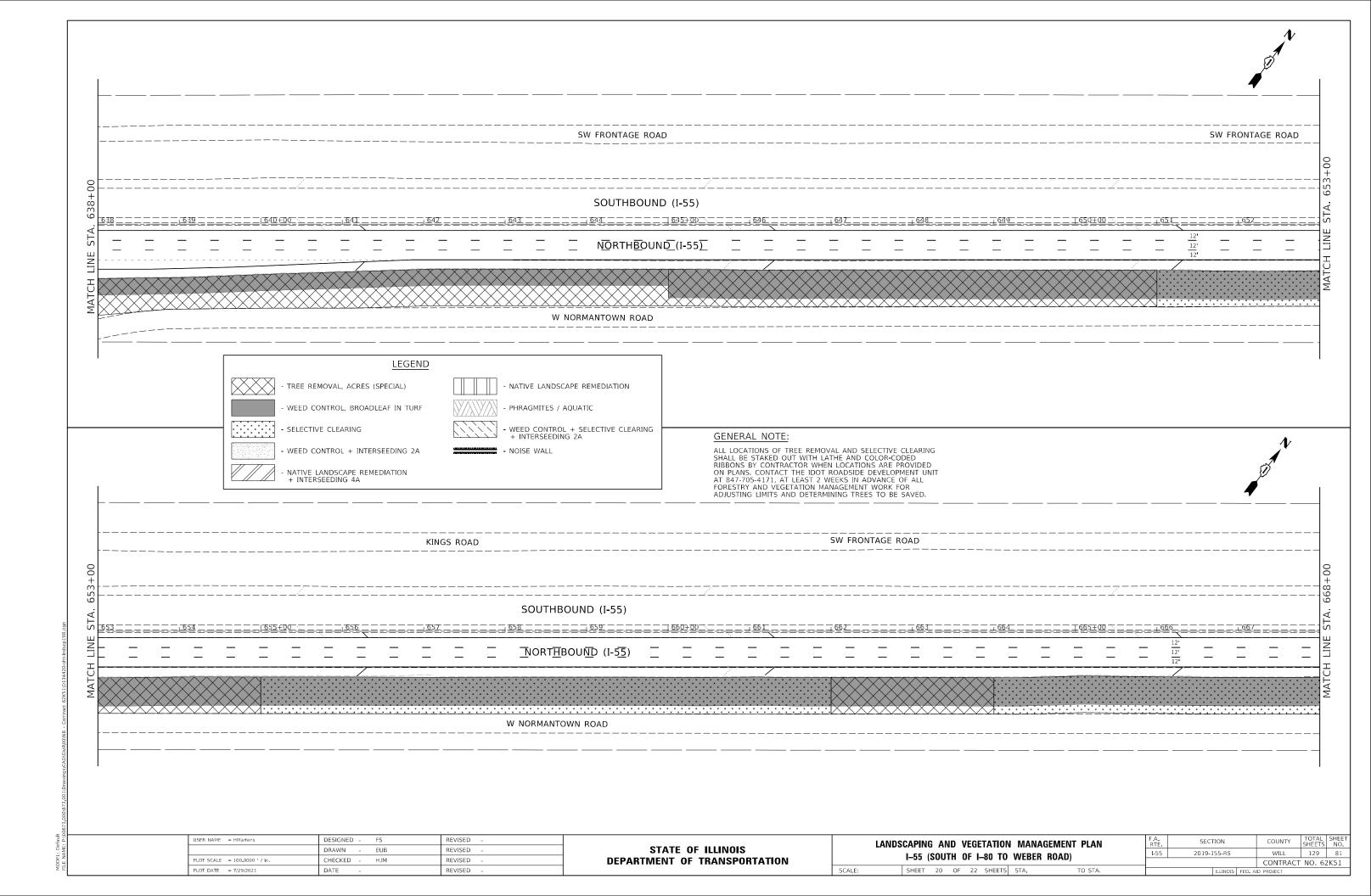


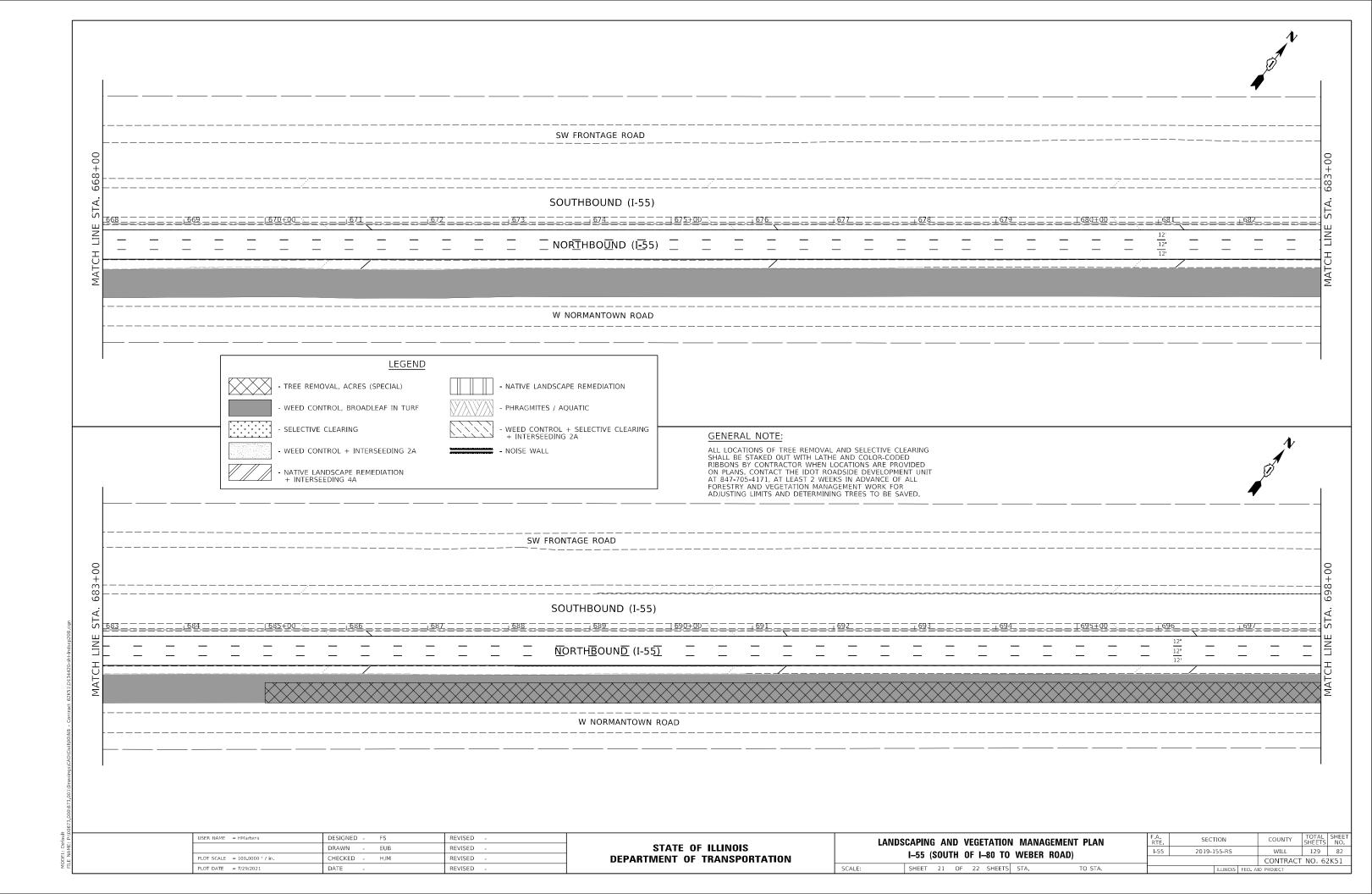


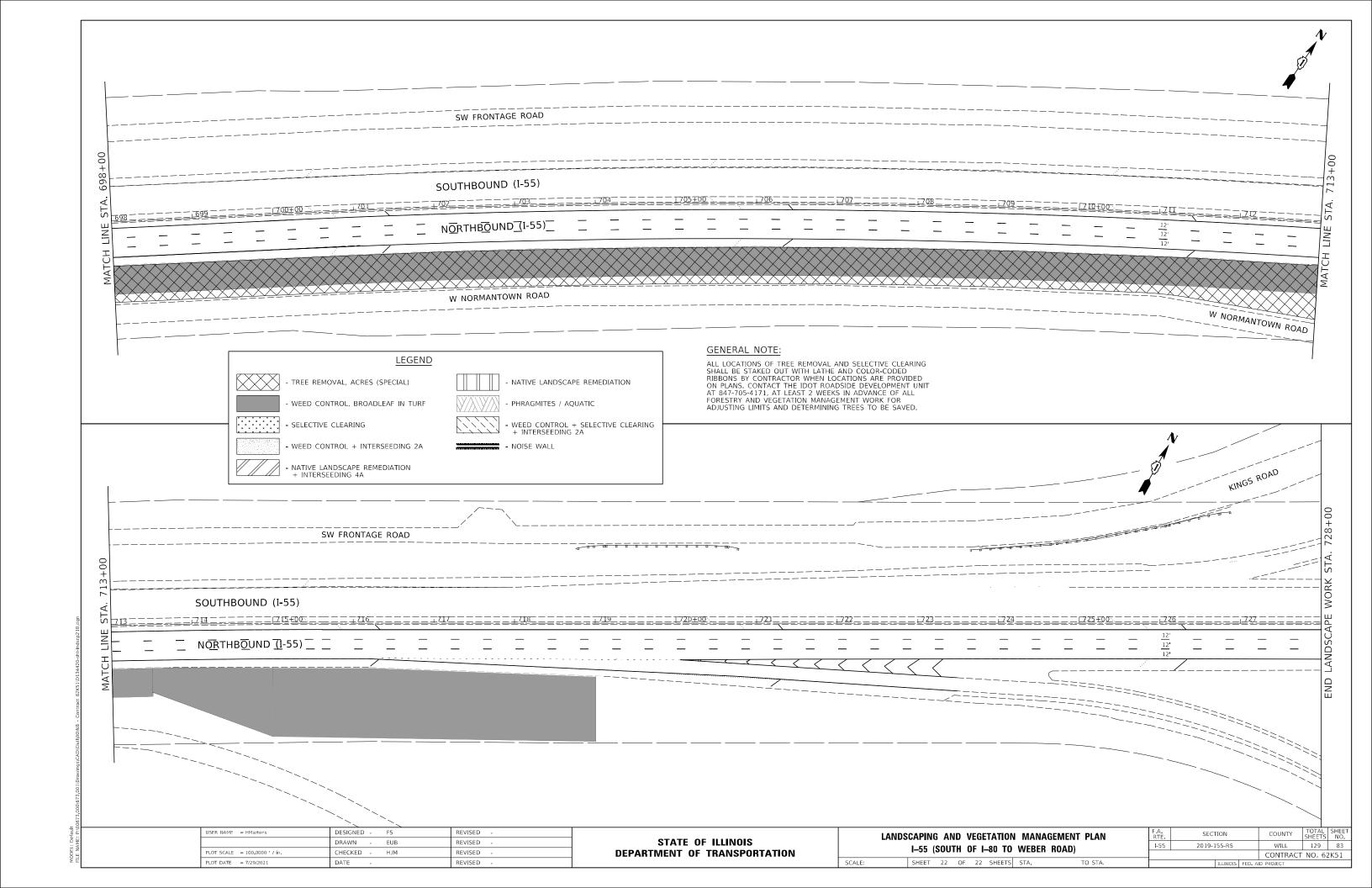


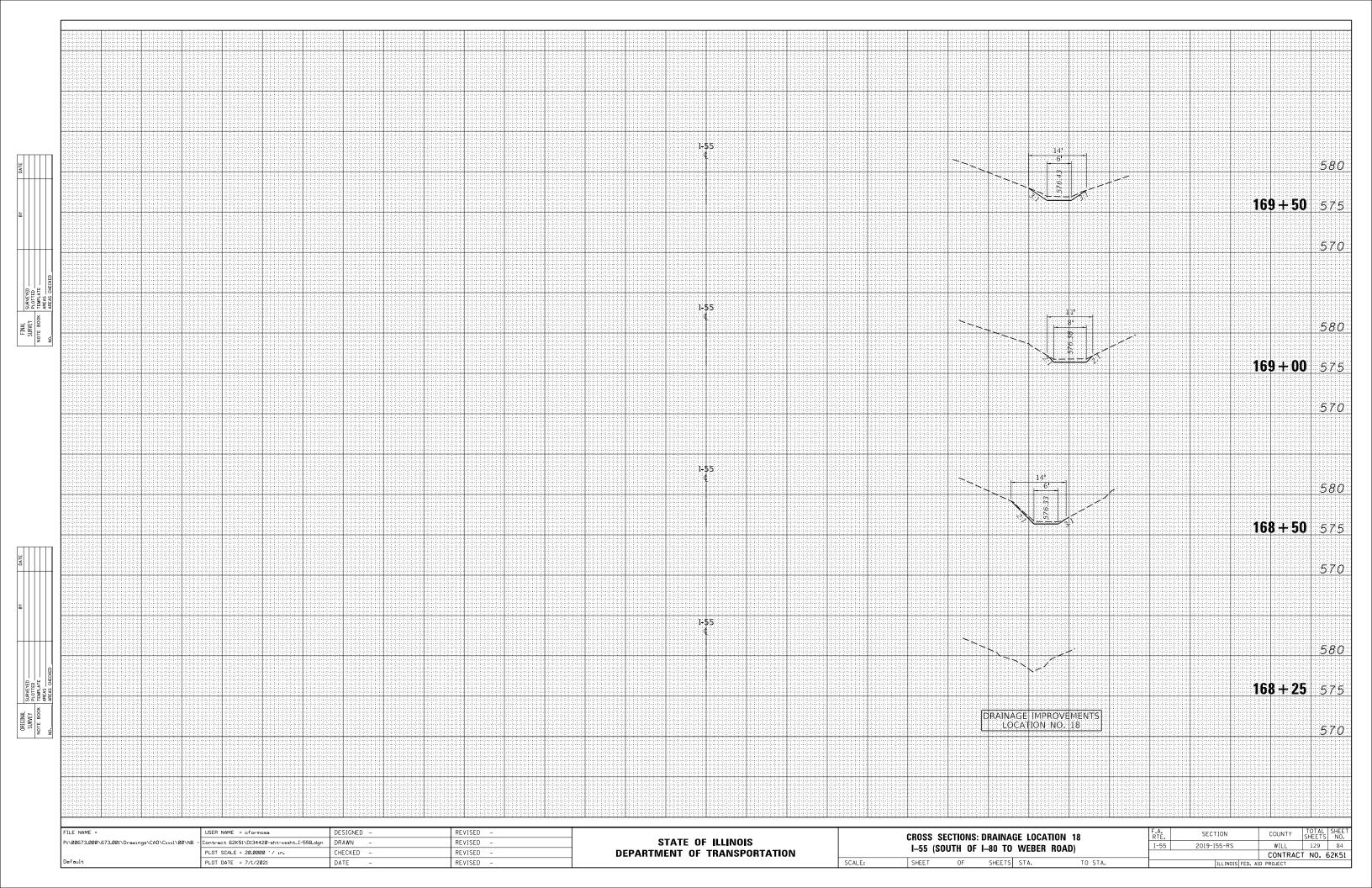


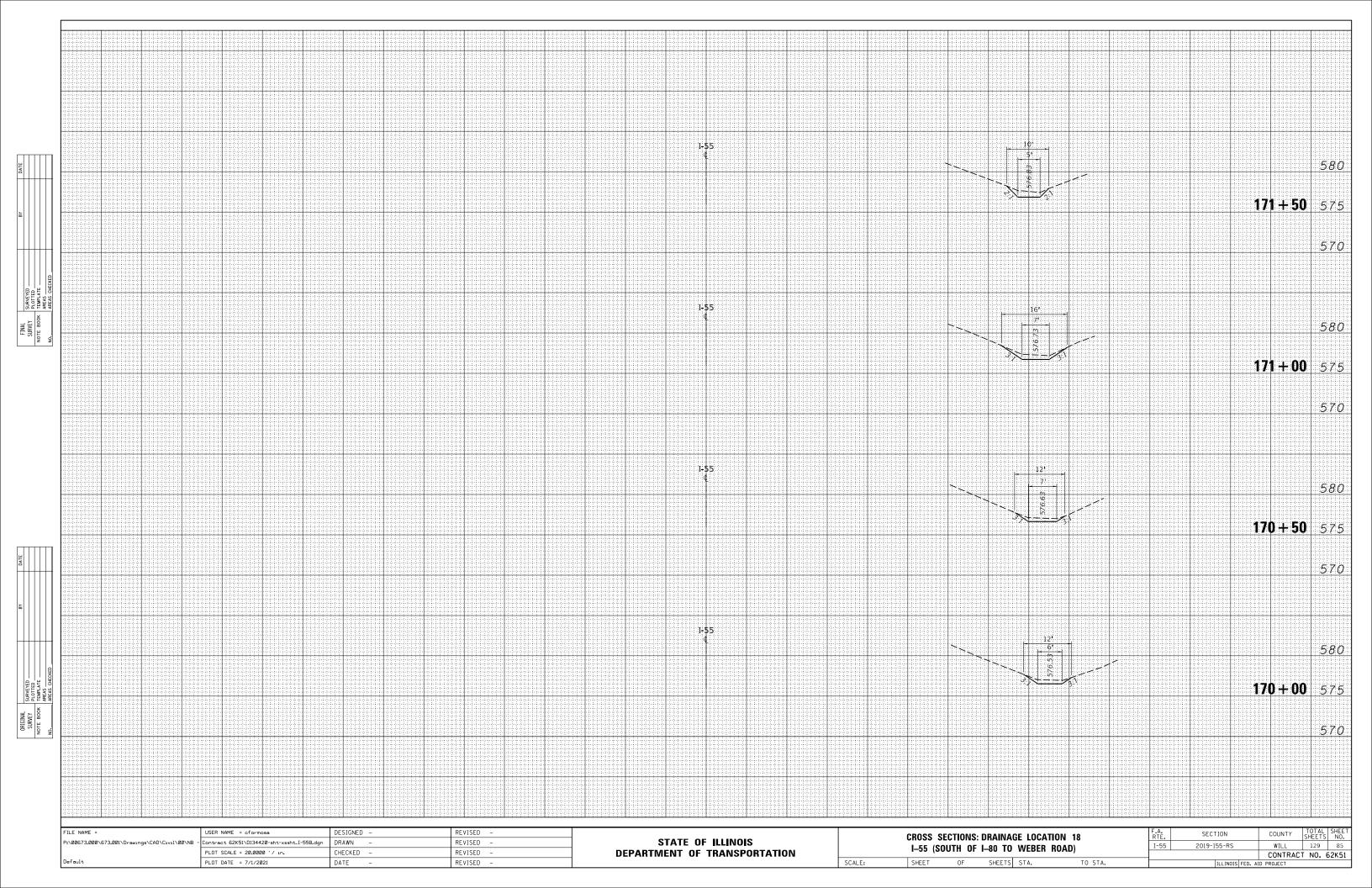


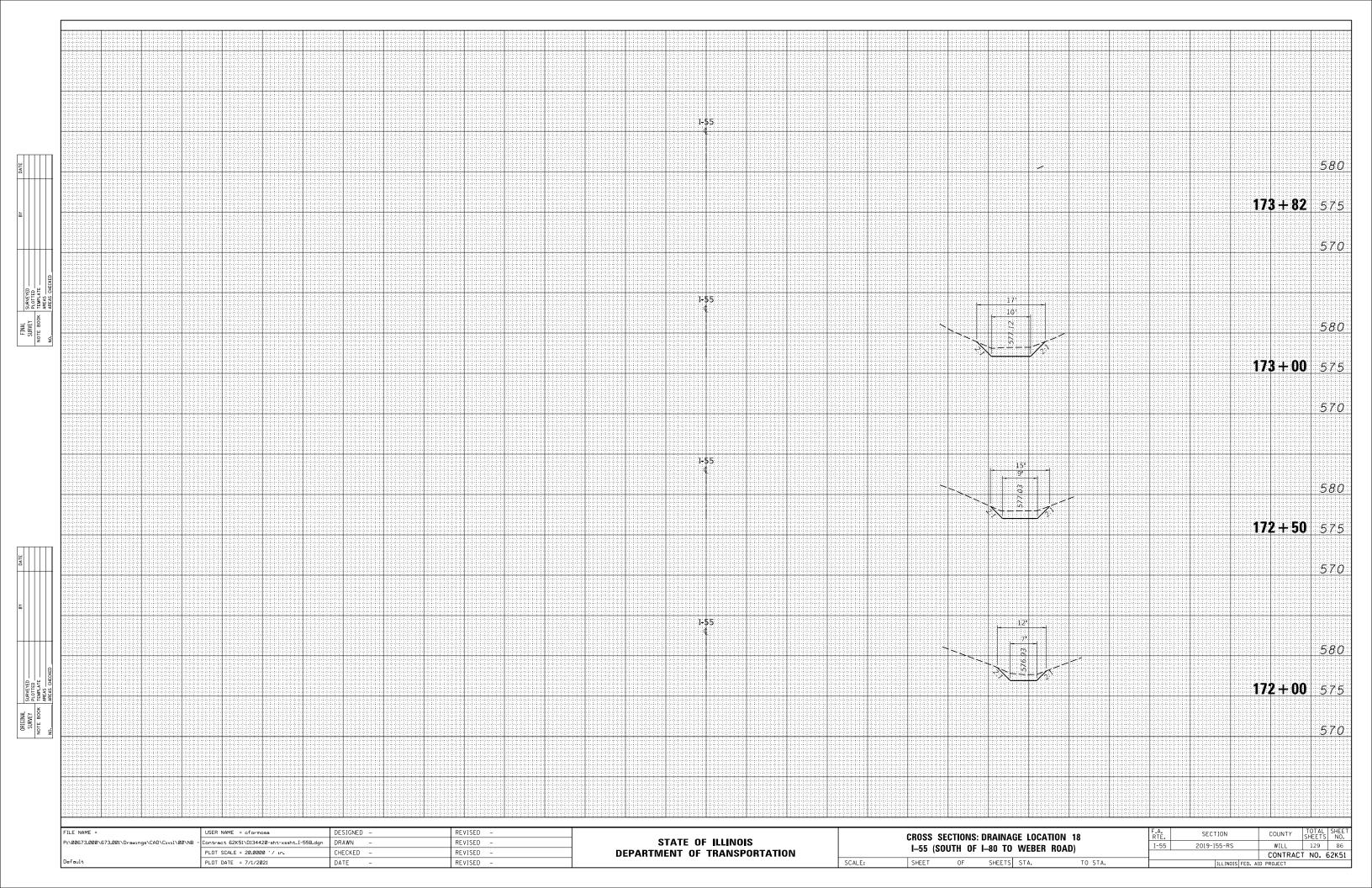












GENERAL NOTES:

- THIS PROJECT INCLUDES THE REMOVAL OF EXISTING SURVEILLANCE EQUIPMENT IN THE PAVEMENT AS A RESULT OF ROADWAY WORK AND REPLACING THE EQUIPMENT WITH NEW SENSORS. AT SOME LOCATIONS ADDITIONAL EQUIPMENT IS ALSO REQUIRED AS INDICATED ON THE PLANS TO INTEGRATE WITH THE EXISTING SYSTEM.
- THE EXISTING SURVEILLANCE SYSTEM IS OWNED AND MAINTAINED BY THE STATE OF ILLINOIS. PARTIAL MAINTENANCE OF THE SYSTEM SHALL BE TRANSFERRED TO THE CONTRACTOR PRIOR TO THE START OF ANY WORK.
- 3. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF THE EXISTING AND PROPOSED SURVEILLANCE EQUIPMENT IMPACTED BY THE WORK. COST IS INCLUDED IN MAINTAINING ITS DURING CONSTRUCTION DAY ITEM.
- 4. THE QUANTITIES OF RACEWAY WHEREVER INDICATED ON THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
- THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL ALSO CONTACT MEADE ELECTRIC DISTRICT 1 ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES BY CALLING (773)-287-7672.
- 6. THE CONTRACTOR SHALL MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER.

 LOCATIONS FOR PROPOSED ITS INFRASTRUCTURE ARE DIAGRAMMATICALLY SHOWN AND FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
- 7. THE CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND/OVERHEAD UTILITIES PRIOR TO INSTALLATION OF LIGHT POLES AND CONDUITS. IF THERE IS A CONFLICT WITH THE LIGHT POLES/CONDUITS AS SHOWN ON PLANS, THE CONTRACTOR SHALL SUGGEST ALTERNATIVE LOCATIONS AND COORDINATE WITH THE ENGINEER PRIOR TO PERFORMING DIGGING WORK. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION ACTIVITIES.
- 3. THE CONTRACTOR SHALL TAKE CARE TO AVOID CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, PAVEMENT AND TREES INCLUDING THEIR ROOTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AT NO ADDITIONAL COST AND THE REPAIRS SHALL BE TO THE SATISFACTION OF THE ENGINEER.
- 9. TRENCHES FOR LIGHTING RACEWAYS SHALL HAVE A MINIMUM DEPTH OF 30".
- 10. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE ALL ELECTRICAL WORK.
- 11. ALL ELECTRICAL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), LIFE SAFETY CODE (NFPA) 101, OSHA AND ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATION REQUIREMENTS.
- 12. THE CONTRACTOR SHALL COORDINATE WITH SENSYS NETWORKS FOR TECHNICAL SUPPORT TO ENSURE THAT THE PROPOSED SYSTEM IS INTEGRATED WITH THE EXISTING SENSYS SERVERS IN OAK PARK.
- 13. THE WIRELESS VEHICLE DETECTION SENSOR PAY ITEM: WIRELESS IN PAVEMENT DETECTOR (X1400337) SHALL INCLUDE SENSYS PRODUCTS VSN240-F-2 AND VSN240-EPX-SOT-01.
- 14. IMPLEMENTATION OF ITS WORK AS SHOWN IN THESE PLANS SHALL BE PERFORMED IN COORDINATION WITH TJHE CONCURRENT CONTRACT NO. 62K30.

BILL OF MATERIALS

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	150
83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	6
X0326812	CAT 5 ETHERNET CABLE	FOOT	150
X0327117	ATMS SYSTEM INTEGRATION	L SUM	1
X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	6
X1400106	WIRELESS VEHICLE DETECTION SYSTEM	EACH	5
X1400211	LIGHT POLE, SPECIAL, 30'	EACH	6
X1400337	WIRELESS IN PAVEMENT DETECTOR	EACH	86
X1400438	WIRELESS VEHICLE DETECTION SOLAR REPEATER	EACH	5

LEGEND

WIRELESS VEHICLE DETECTION SENSOR

O PROPOSED LIGHT POLE, SPECIAL, 30 FT. WITH RADIO OR REPEATER INSTALLED PER PLAN

O—E EXISTING LIGHTING UNIT WITH RADIO OR REPEATER INSTALLED PER PLAN

EXISTING SURVEILLANCE CABINET

2" DIA. GALVANIZED STEEL CONDUIT WITH OUTDOOR RATED CATSE CABLE

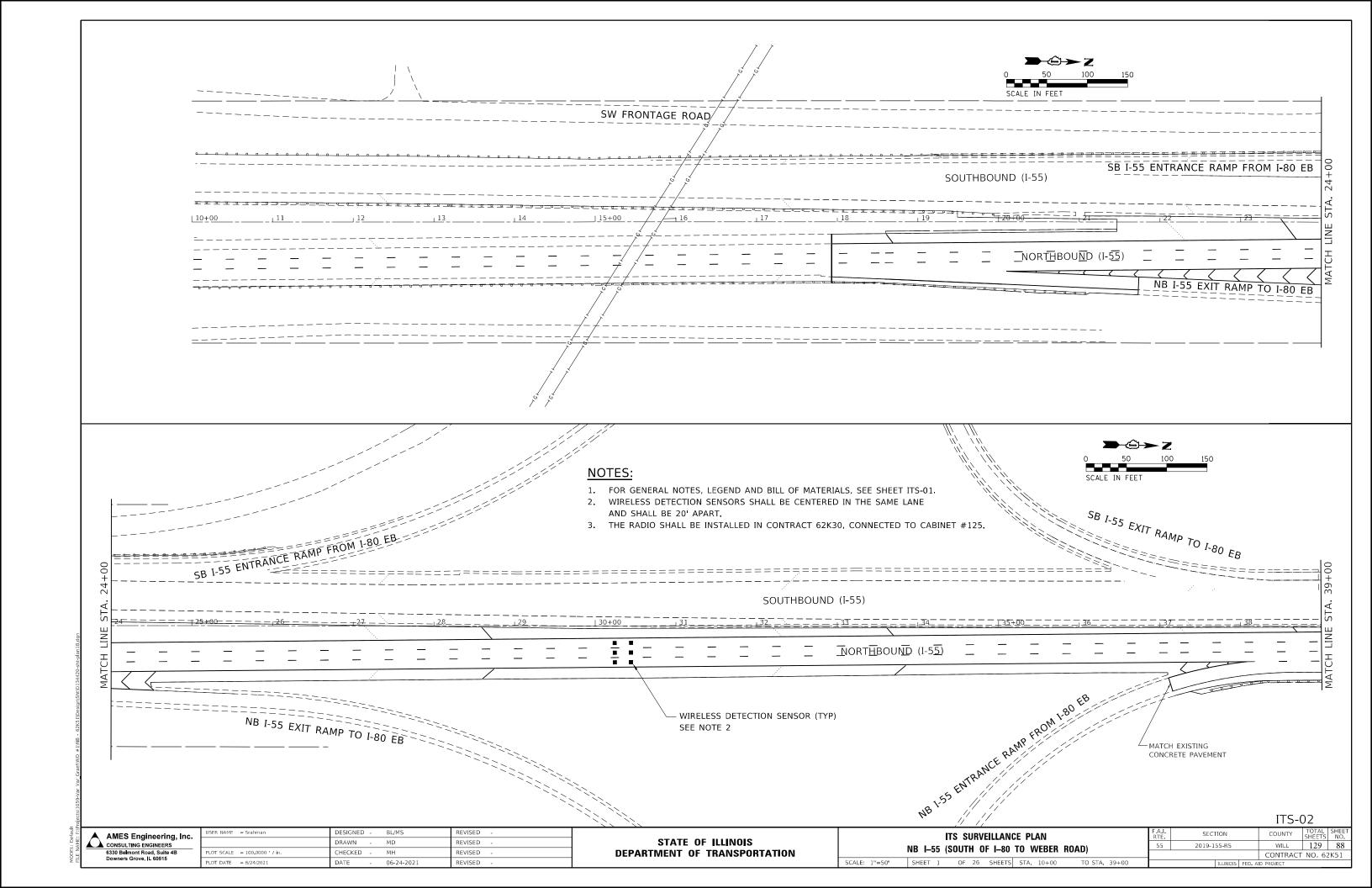
AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B

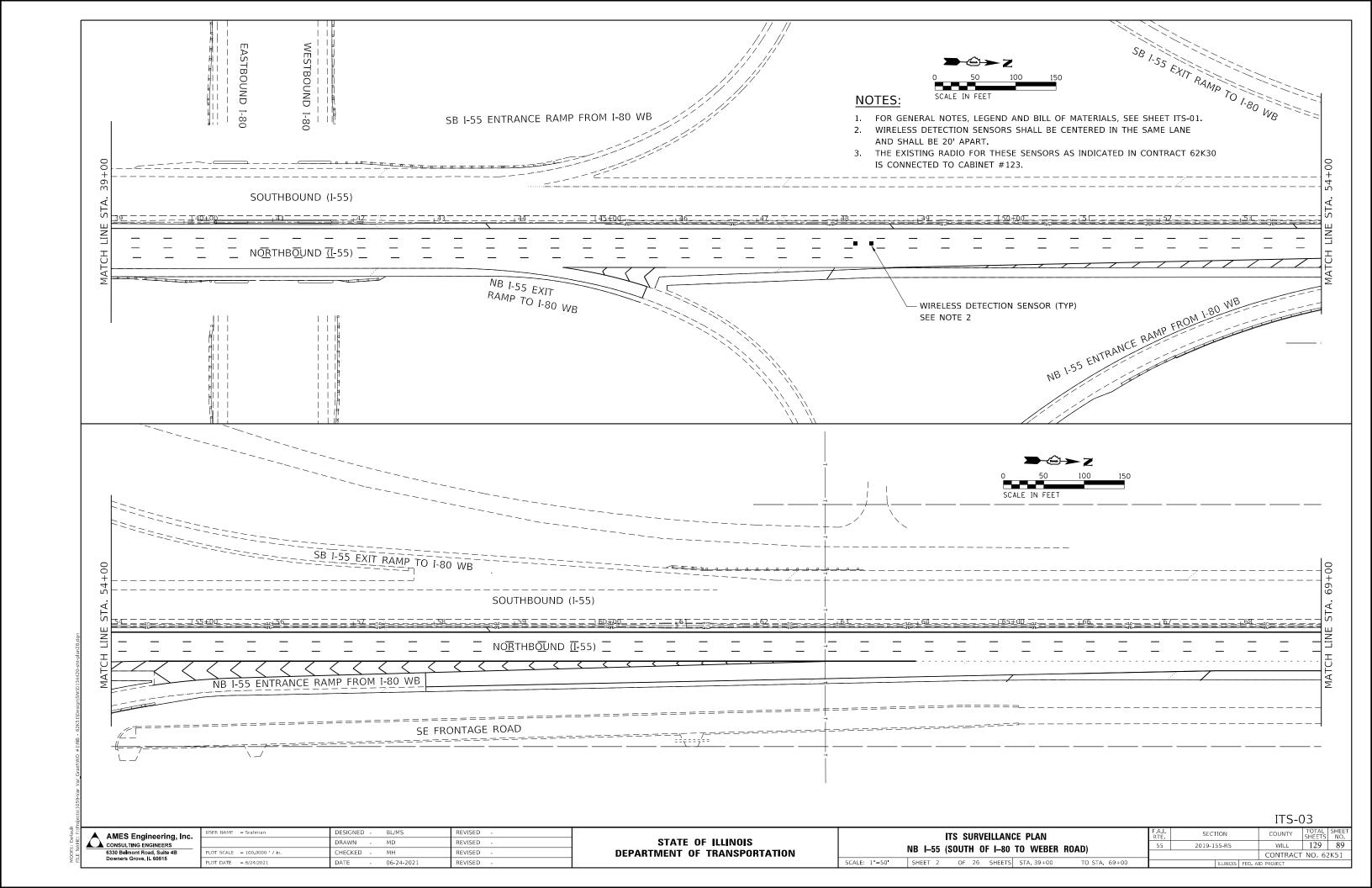
USER NAME = Srahman	DESIGNED	-	BL/MS	REVISED -
	DRAWN	-	MD	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED	-	МН	REVISED -
PLOT DATE = 6/24/2021	DATE	-	06-24-2021	REVISED -

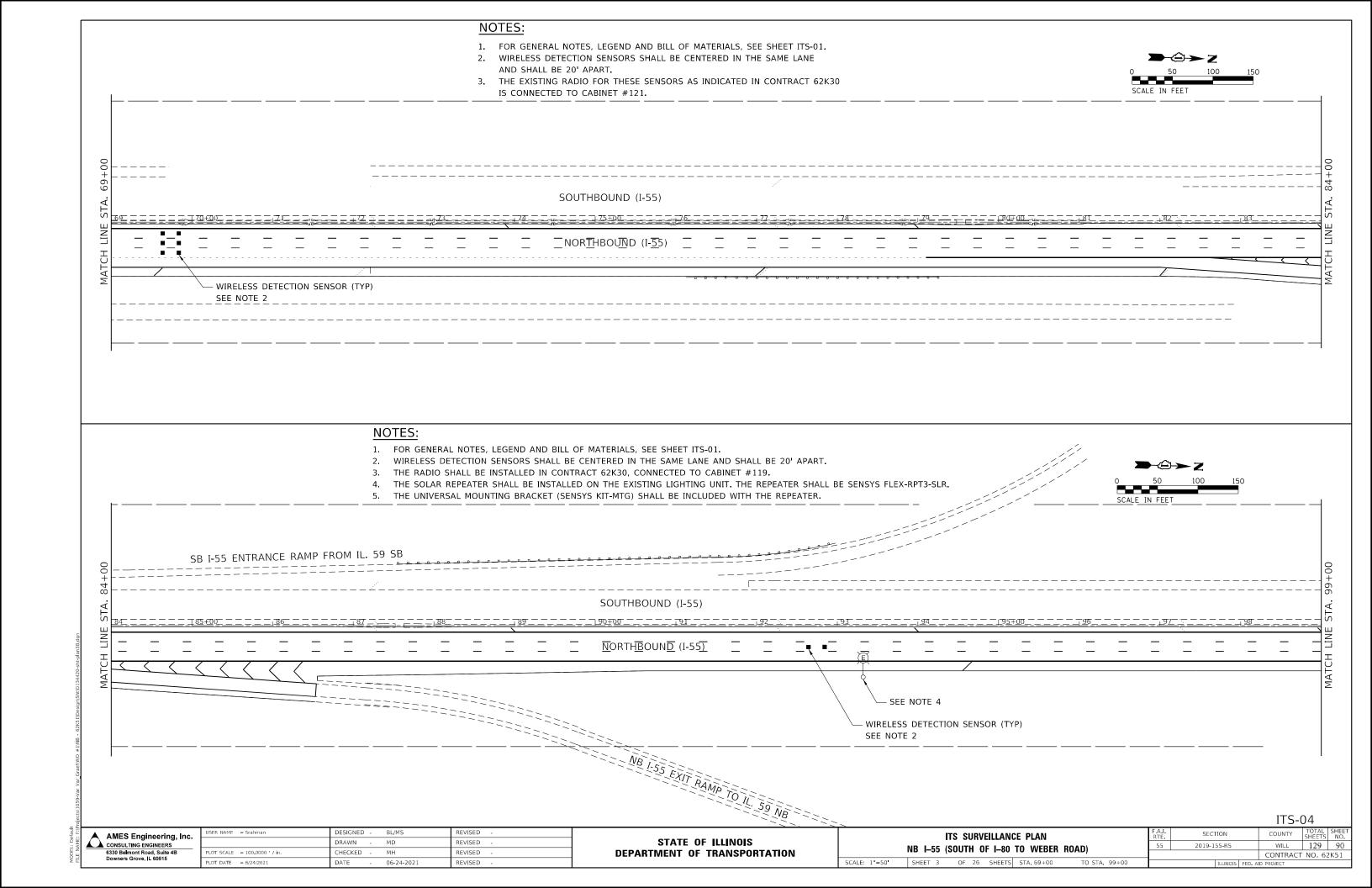
GENERAL NOTES, BILL OF MATERIALS AND LEGEND NB I–55 (SOUTH OF I–80 TO WEBER ROAD)												
SCALE:	NONE	SHEET	1	OF	1	SHEETS	STA.	N/A	TO STA. N/A			

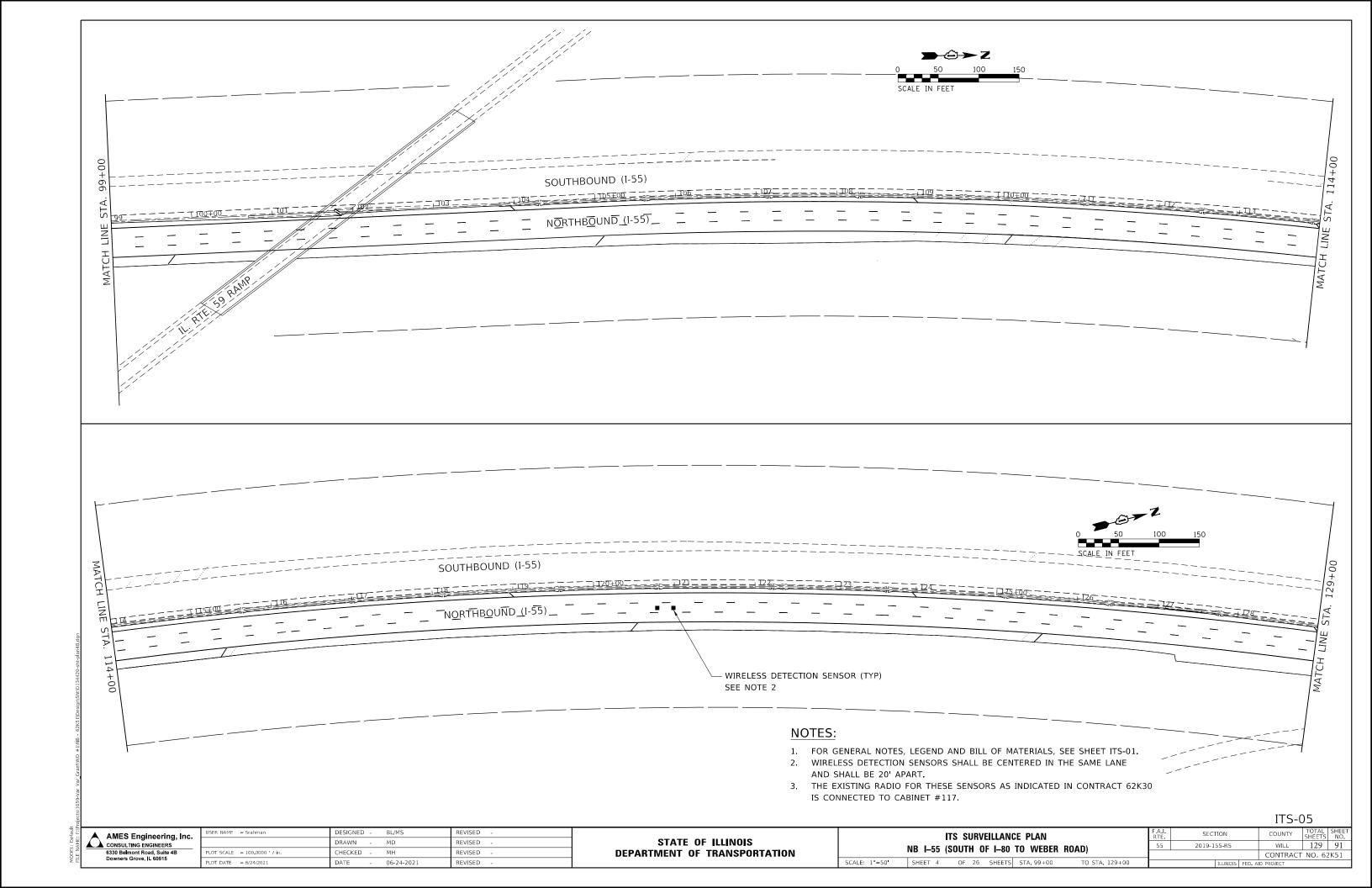
-Var Var Graef\WO #1\NB - 62K51\Des

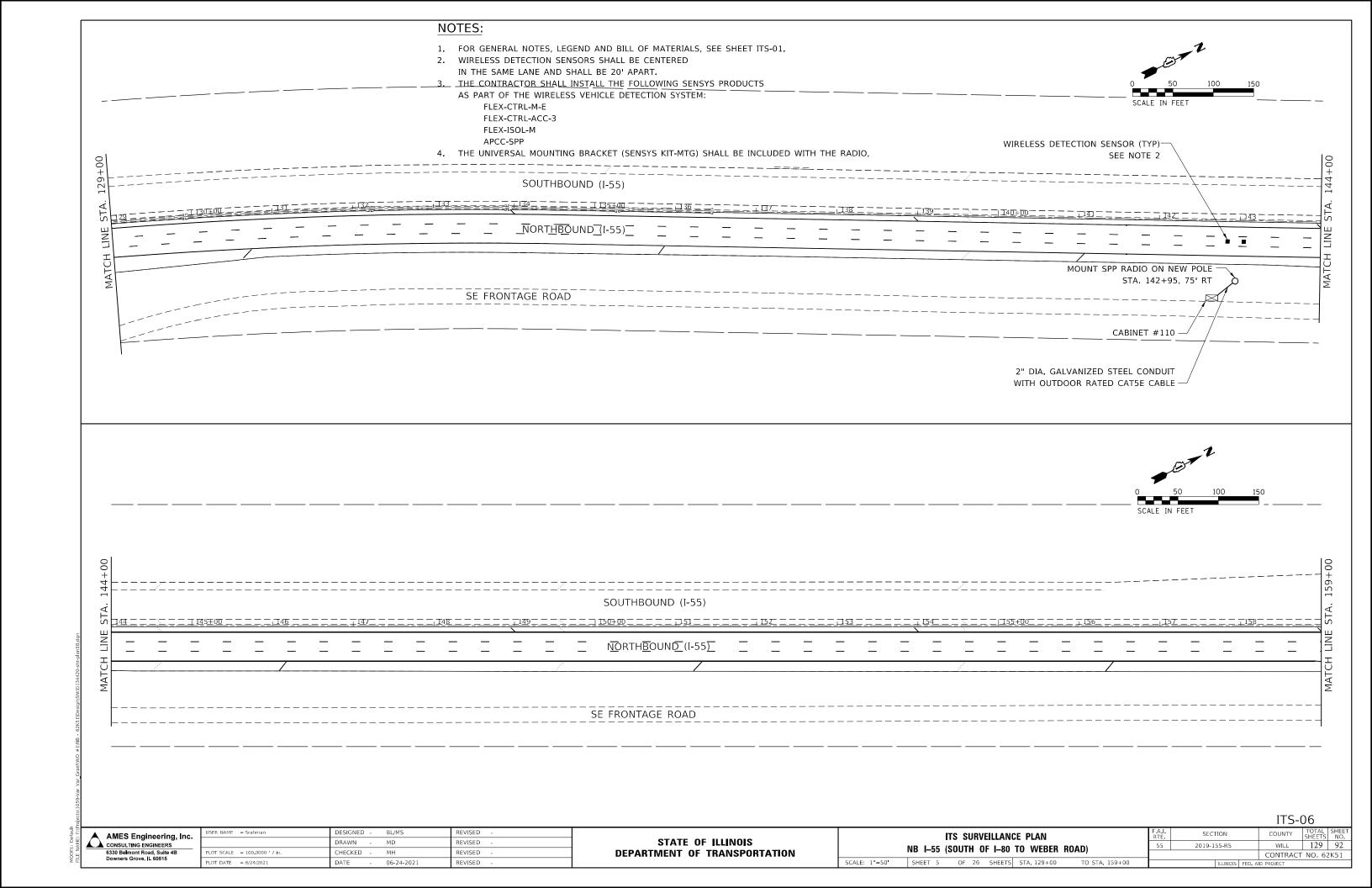
ITS-01

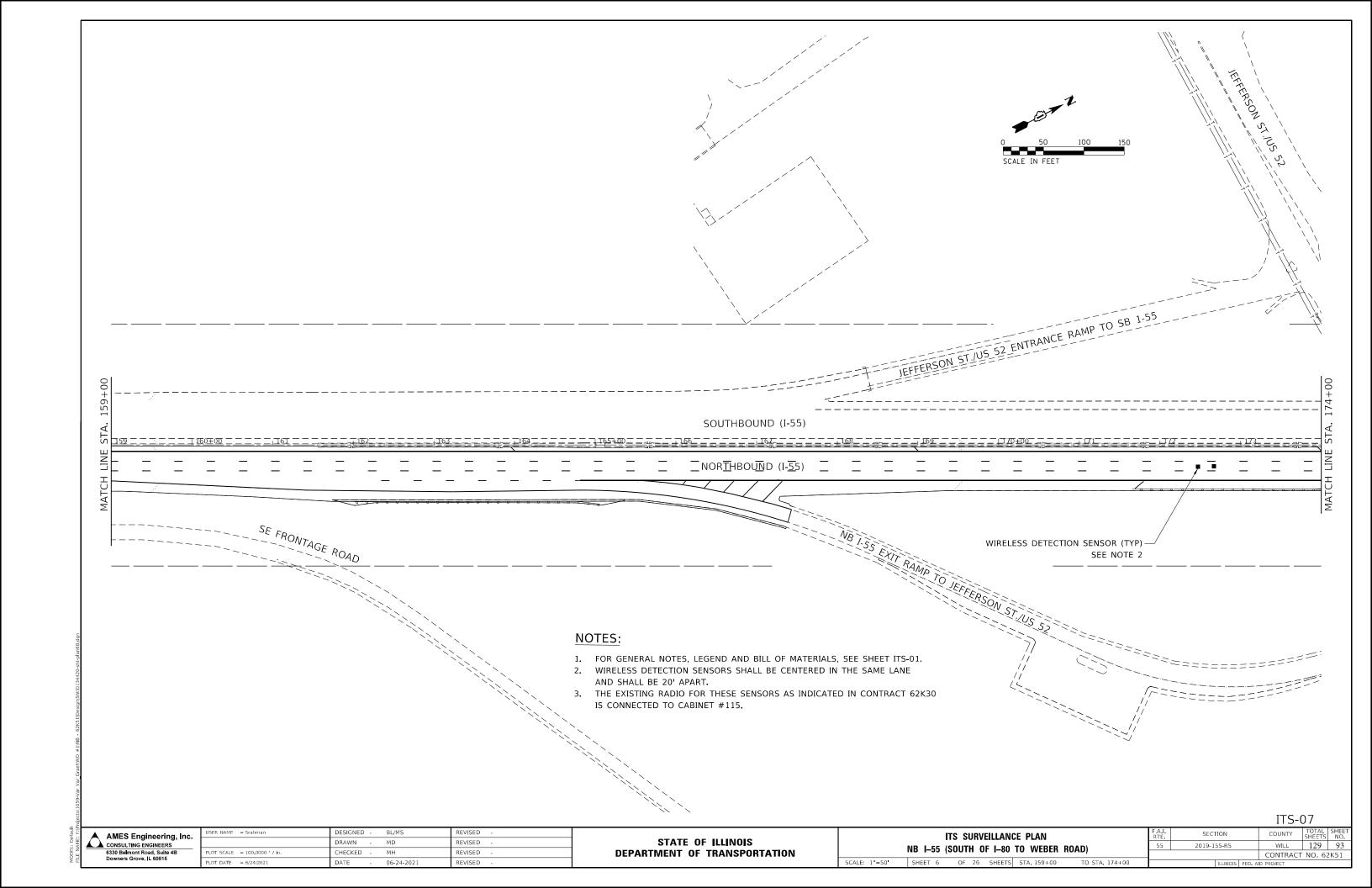


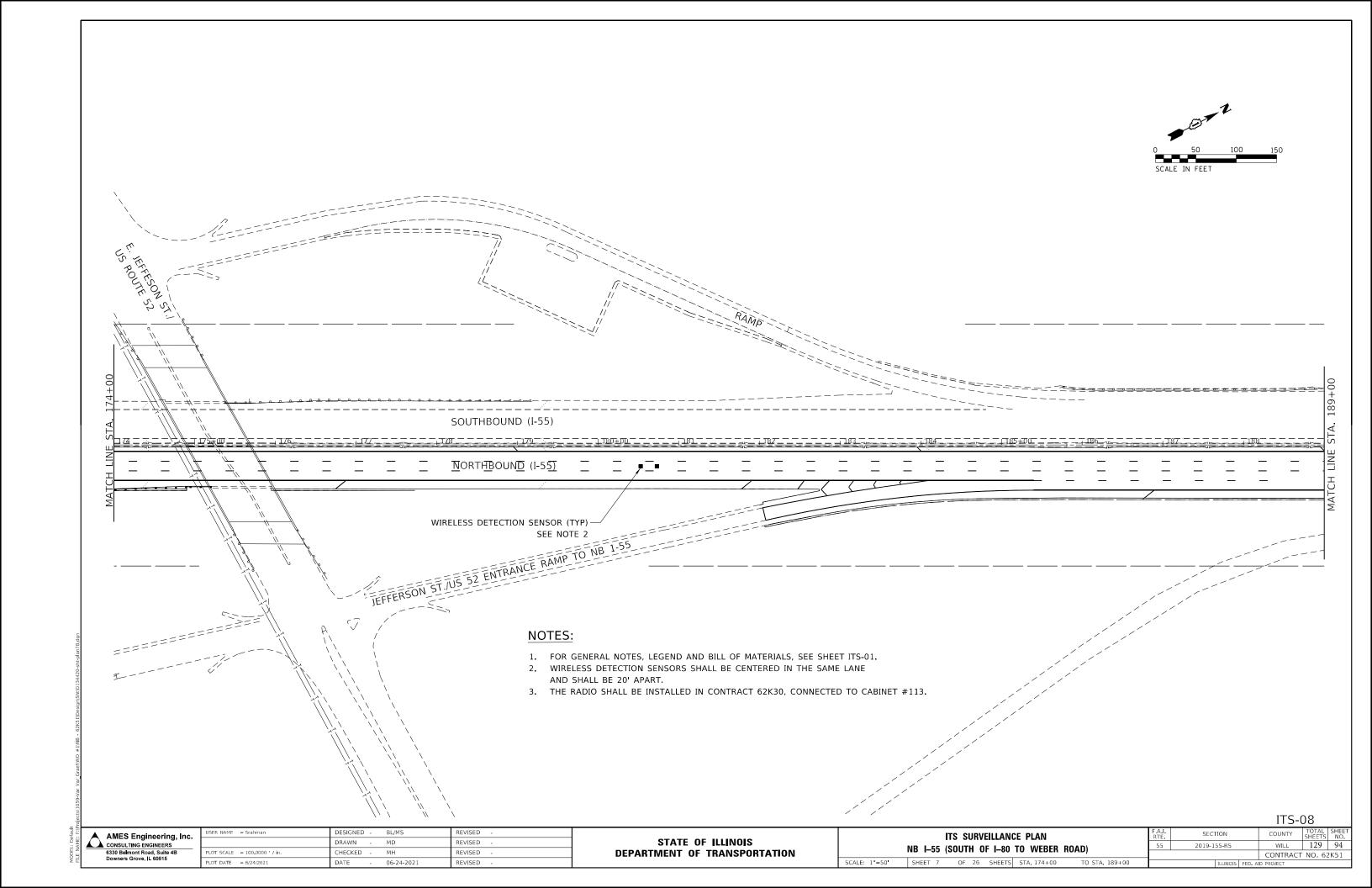


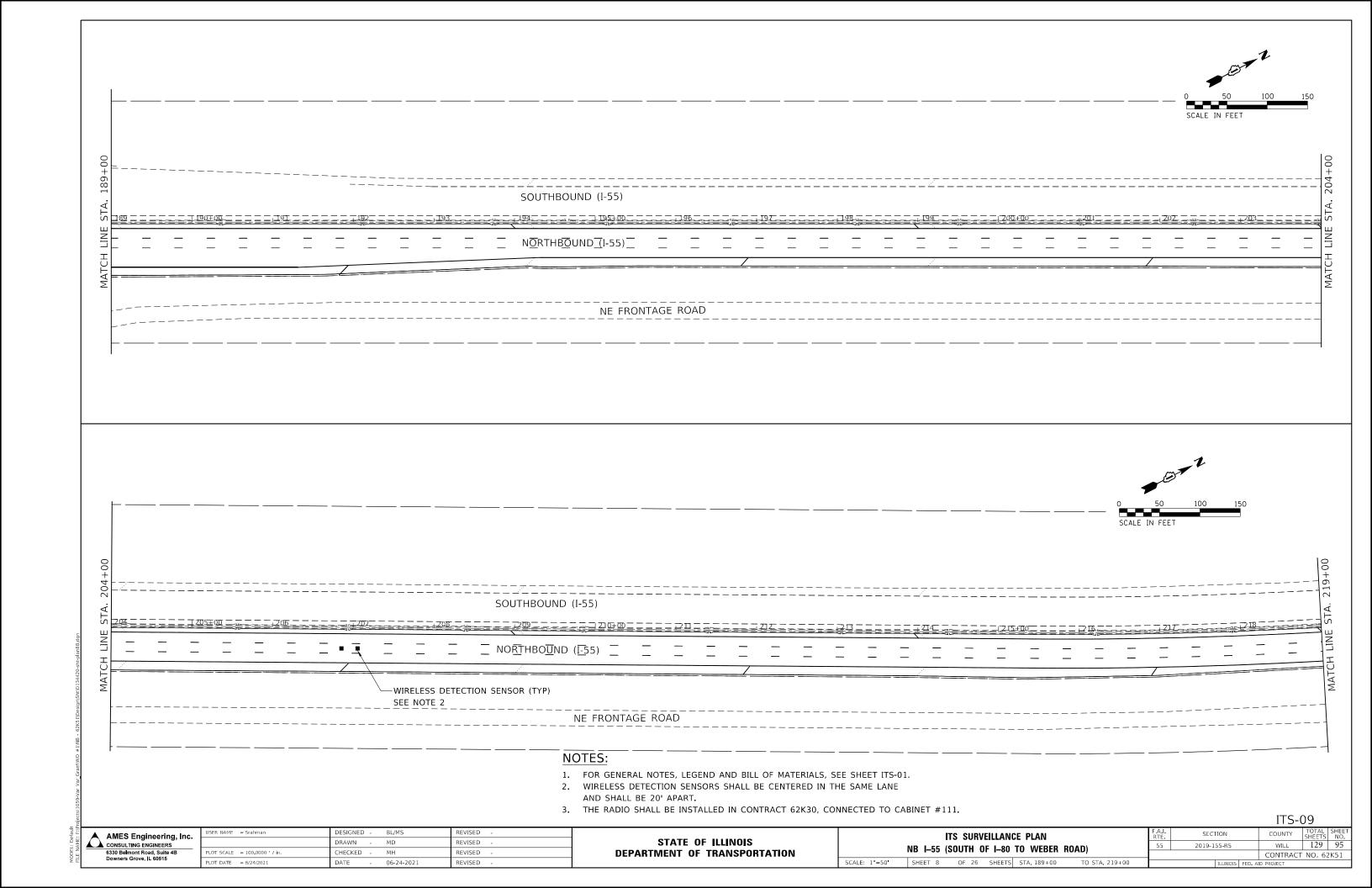


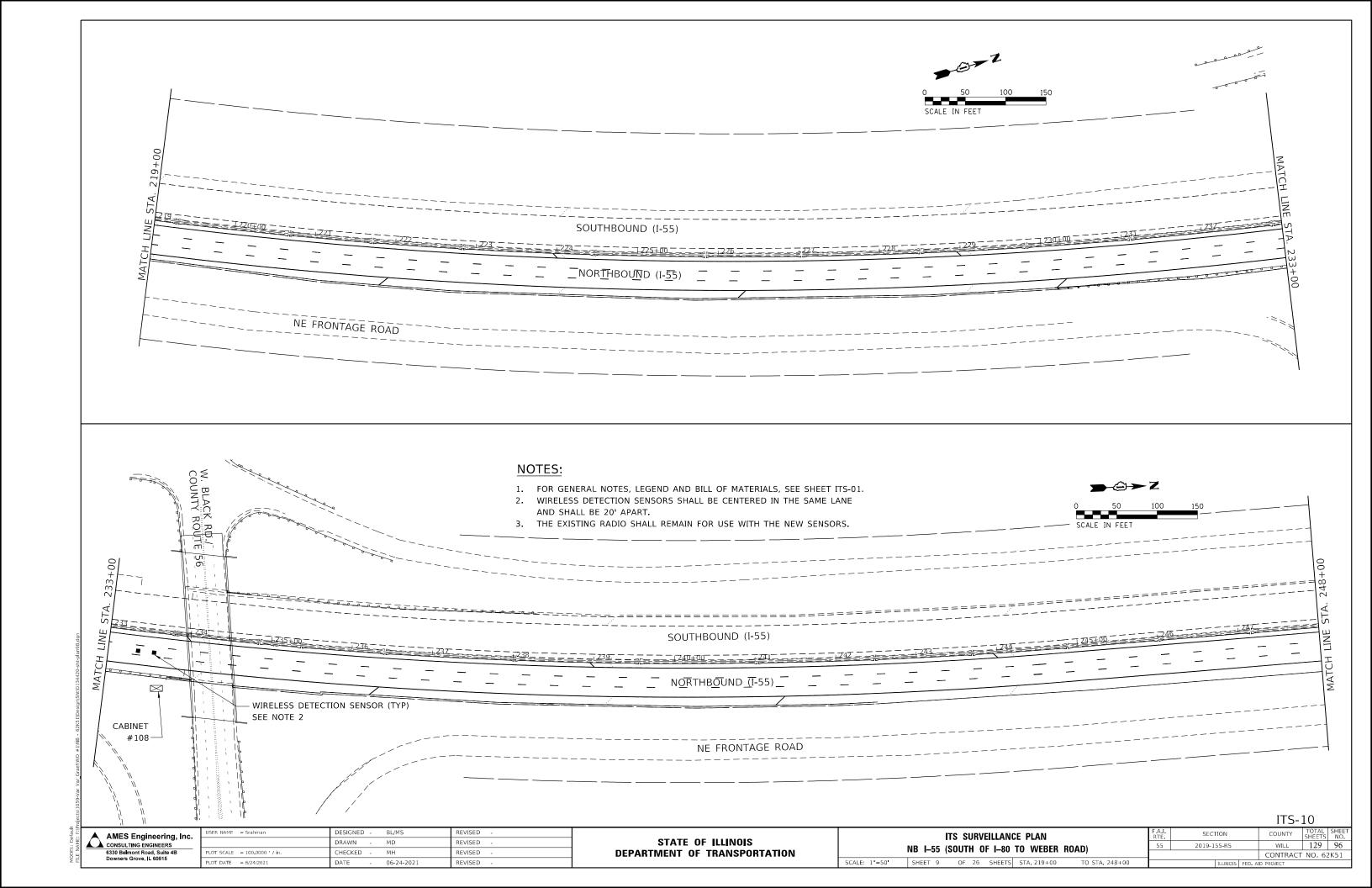


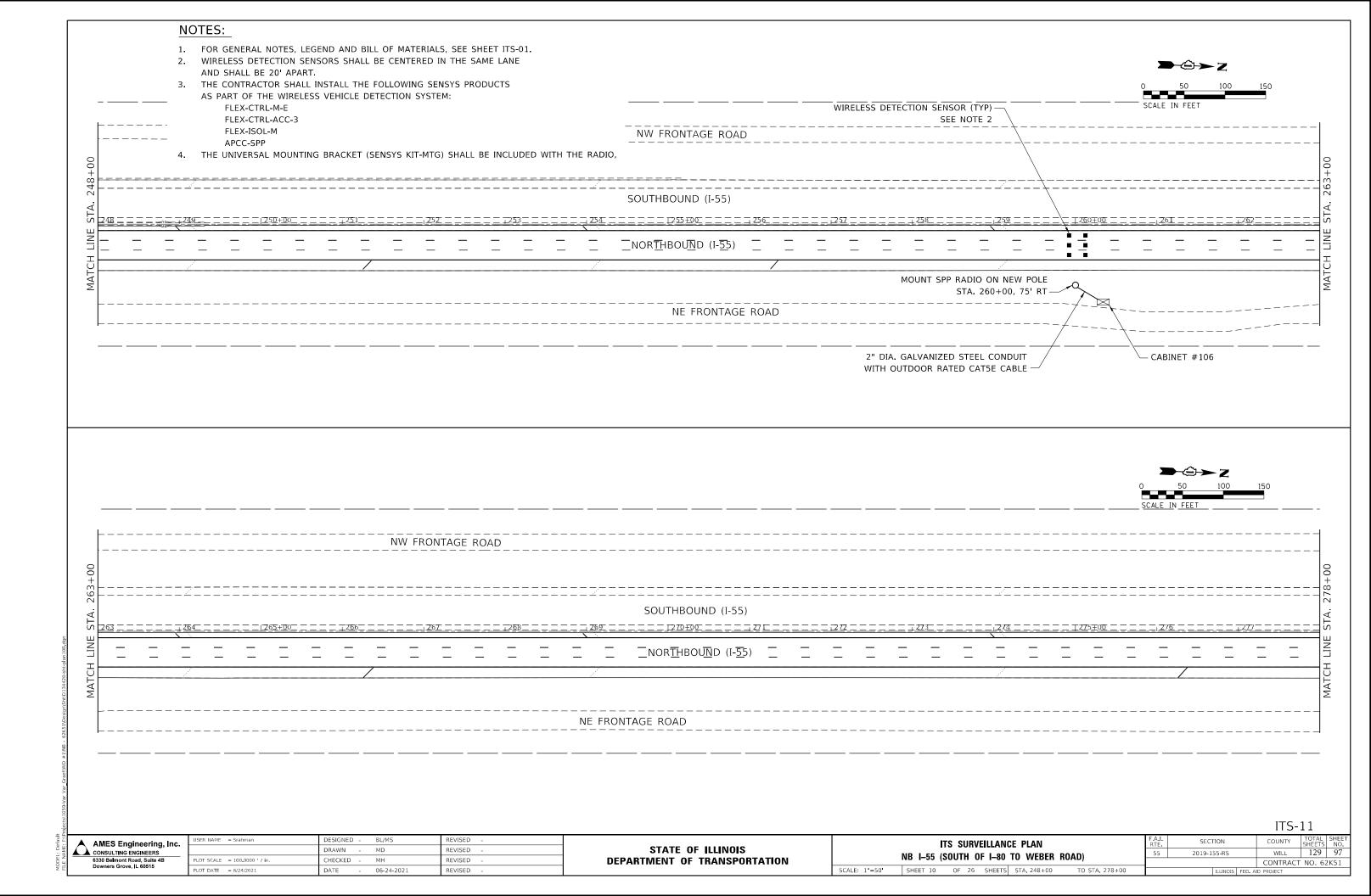


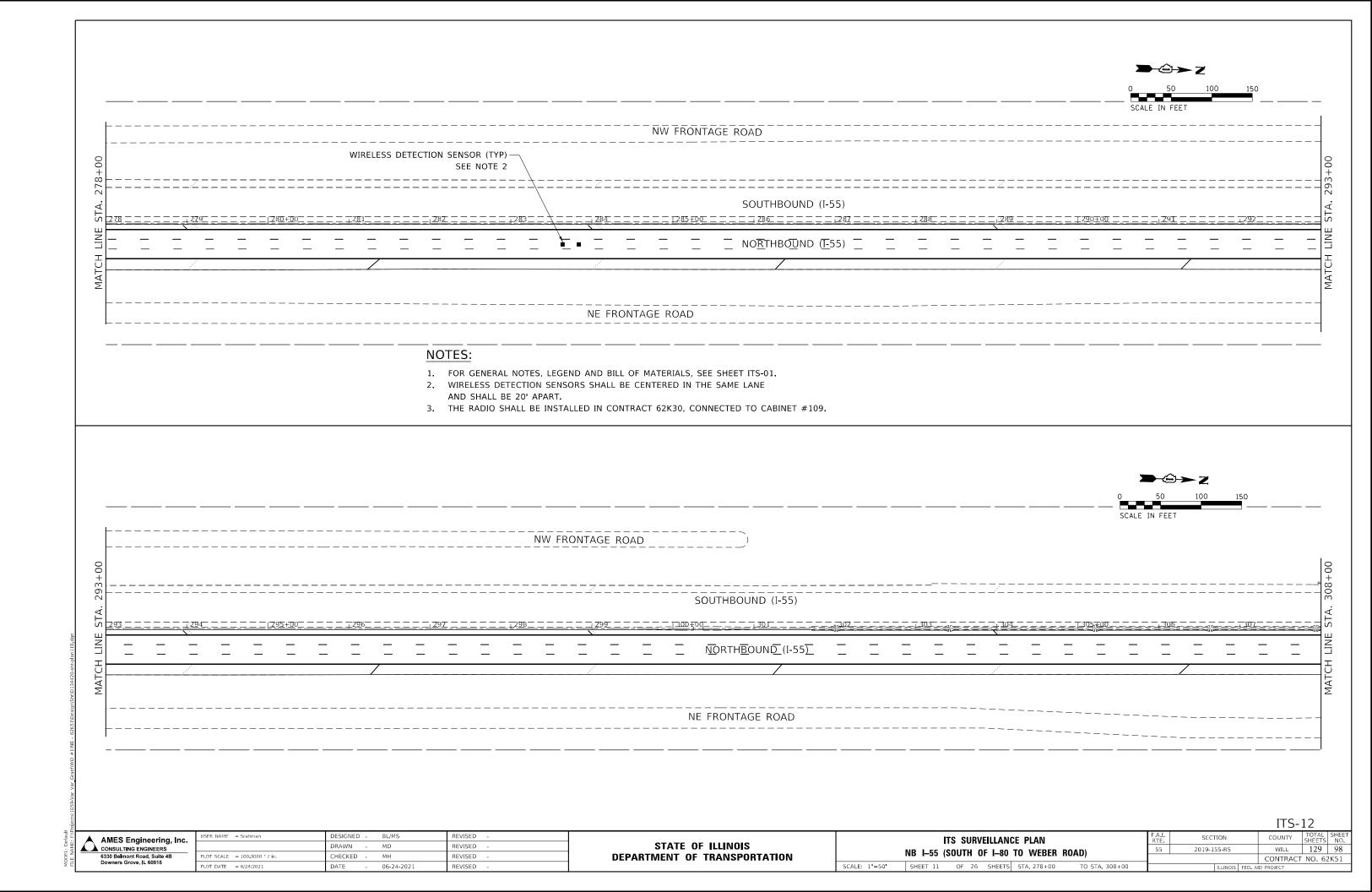


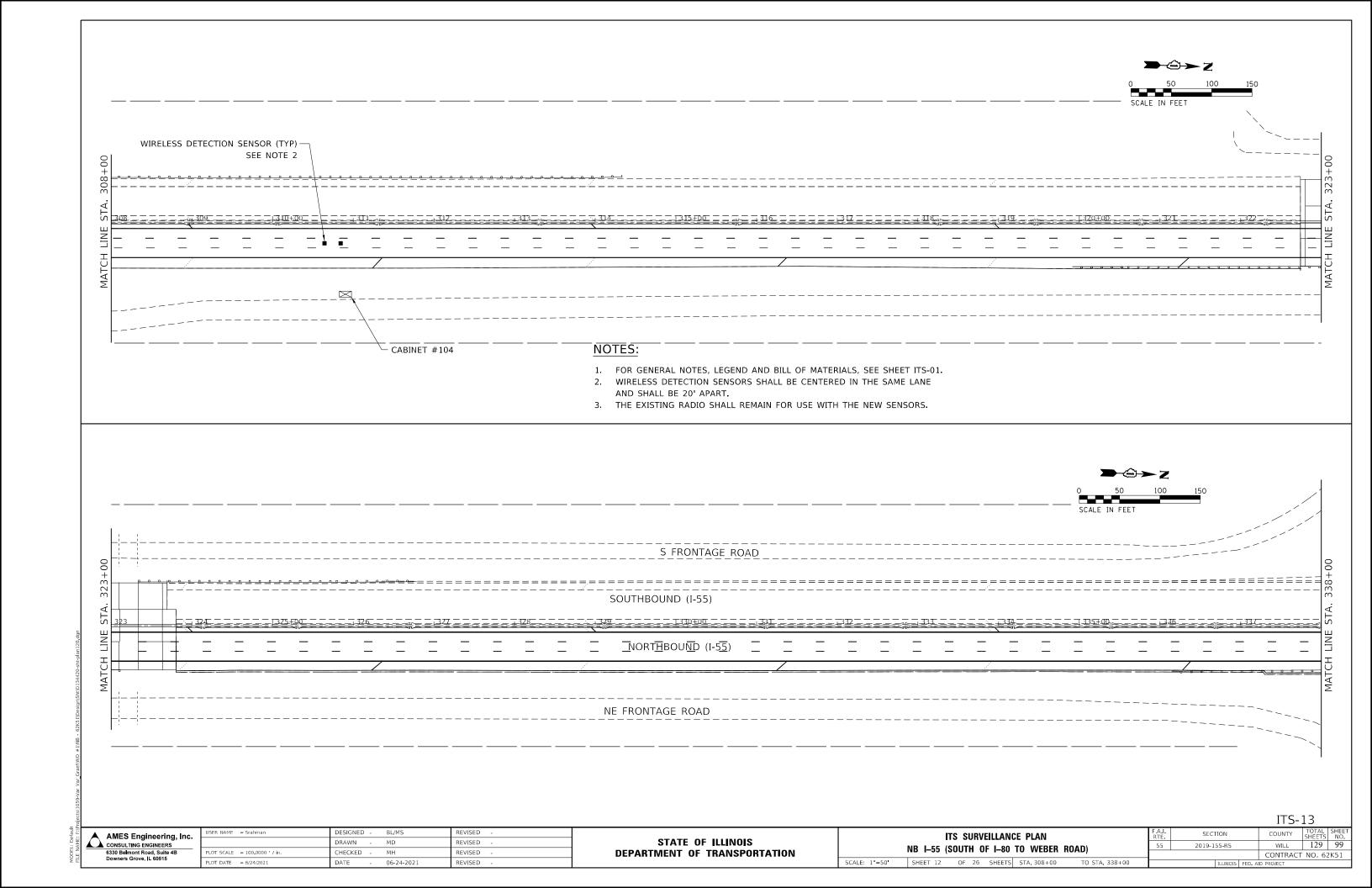


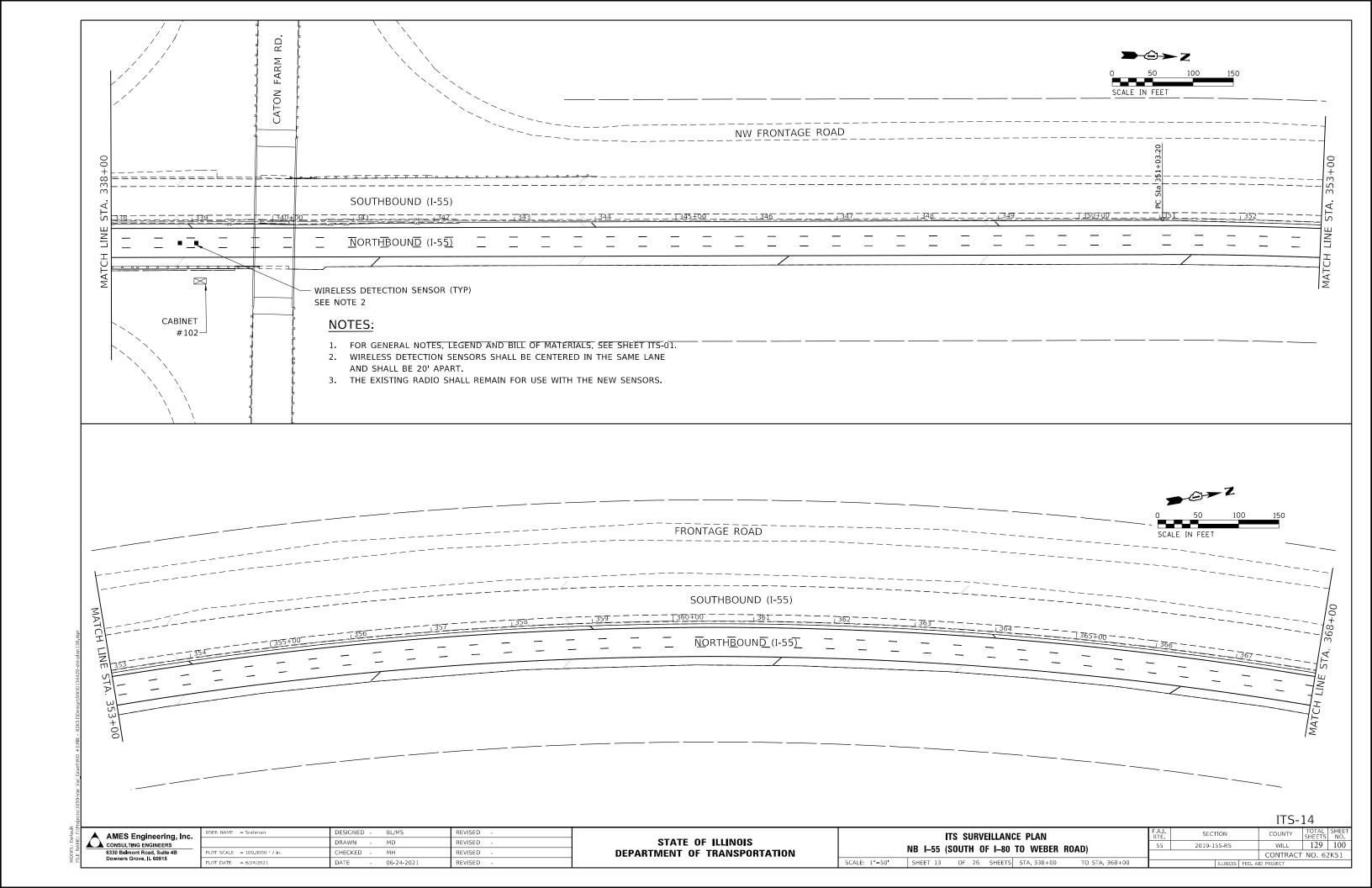


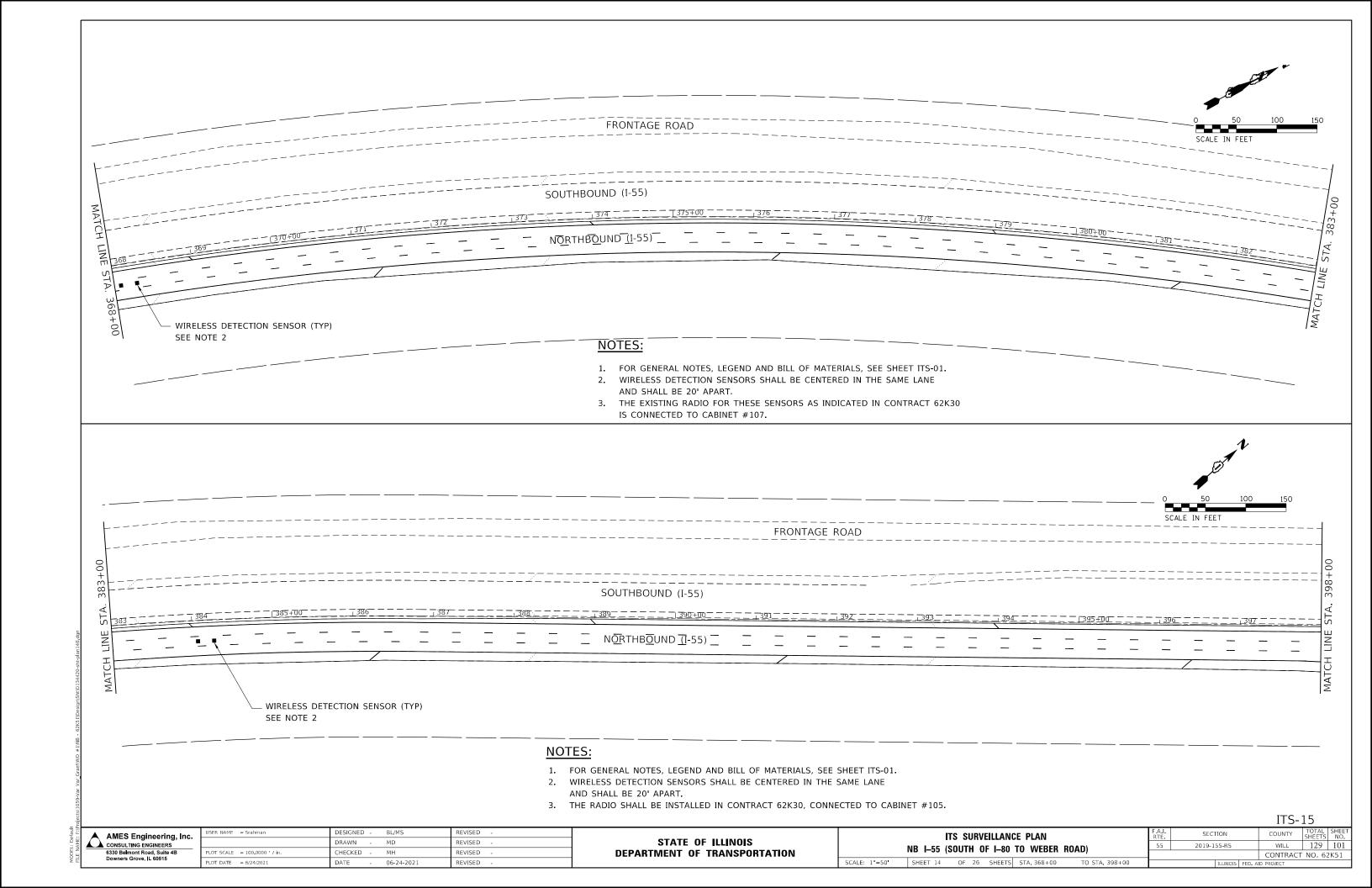


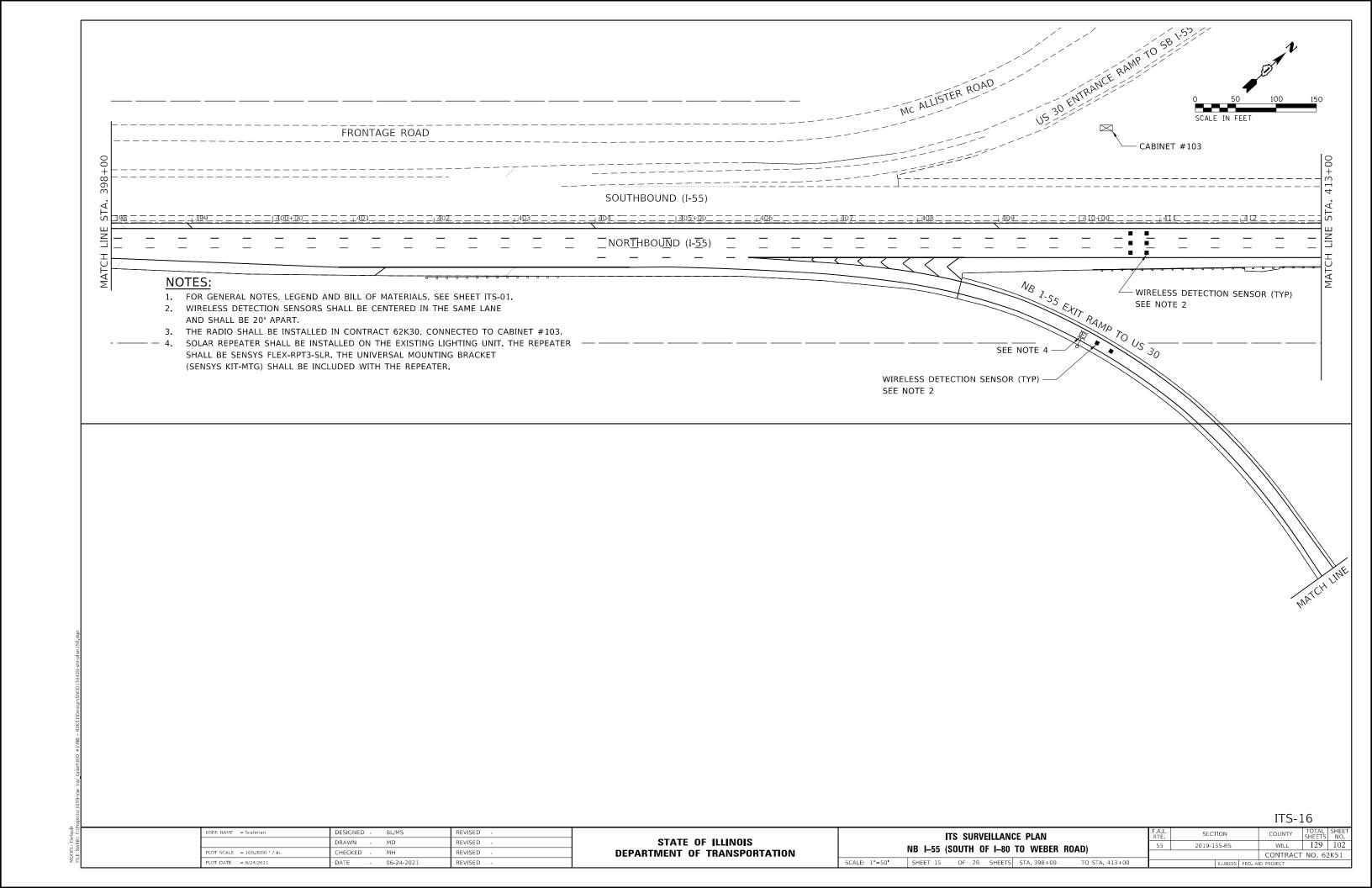


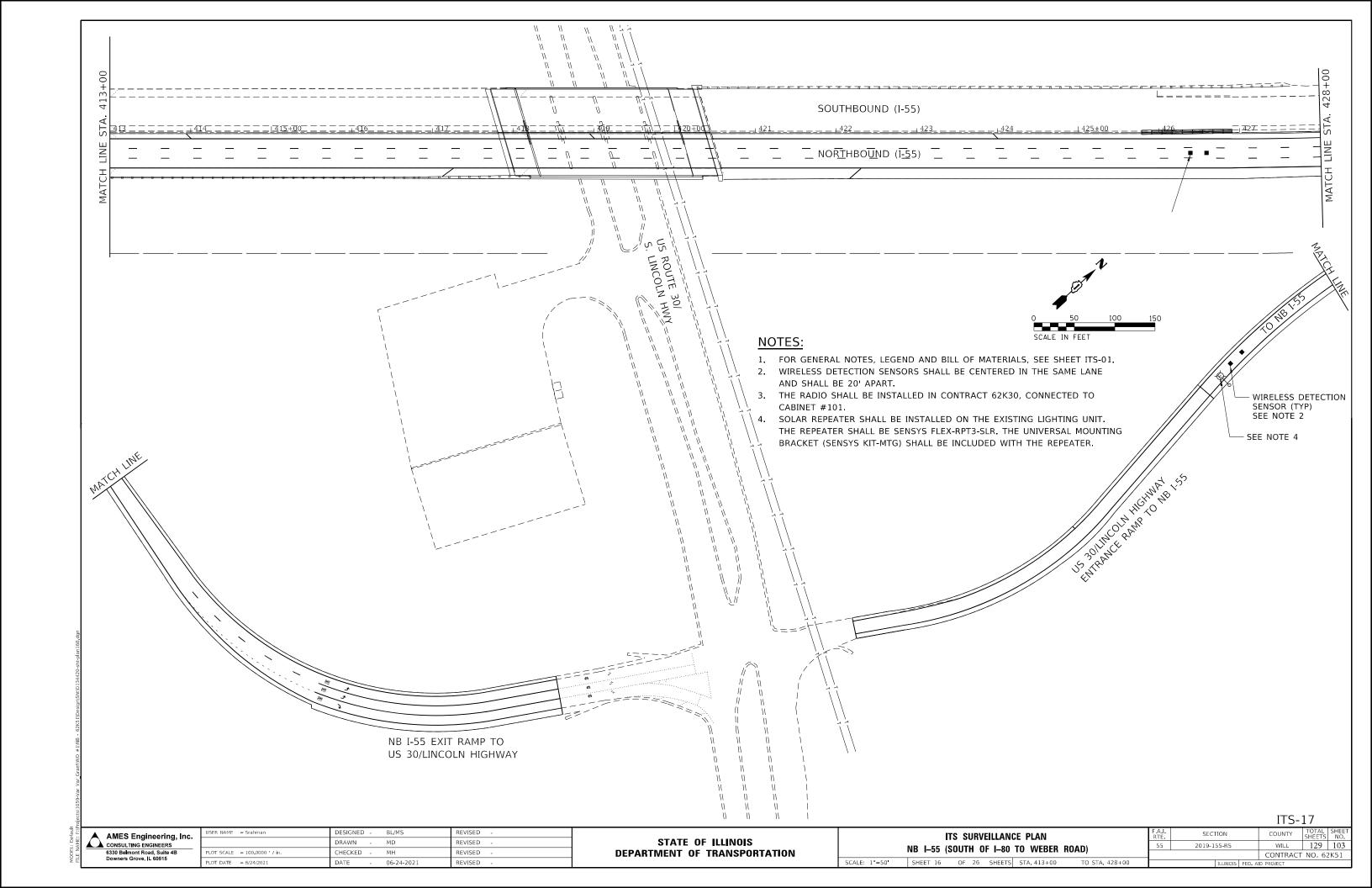


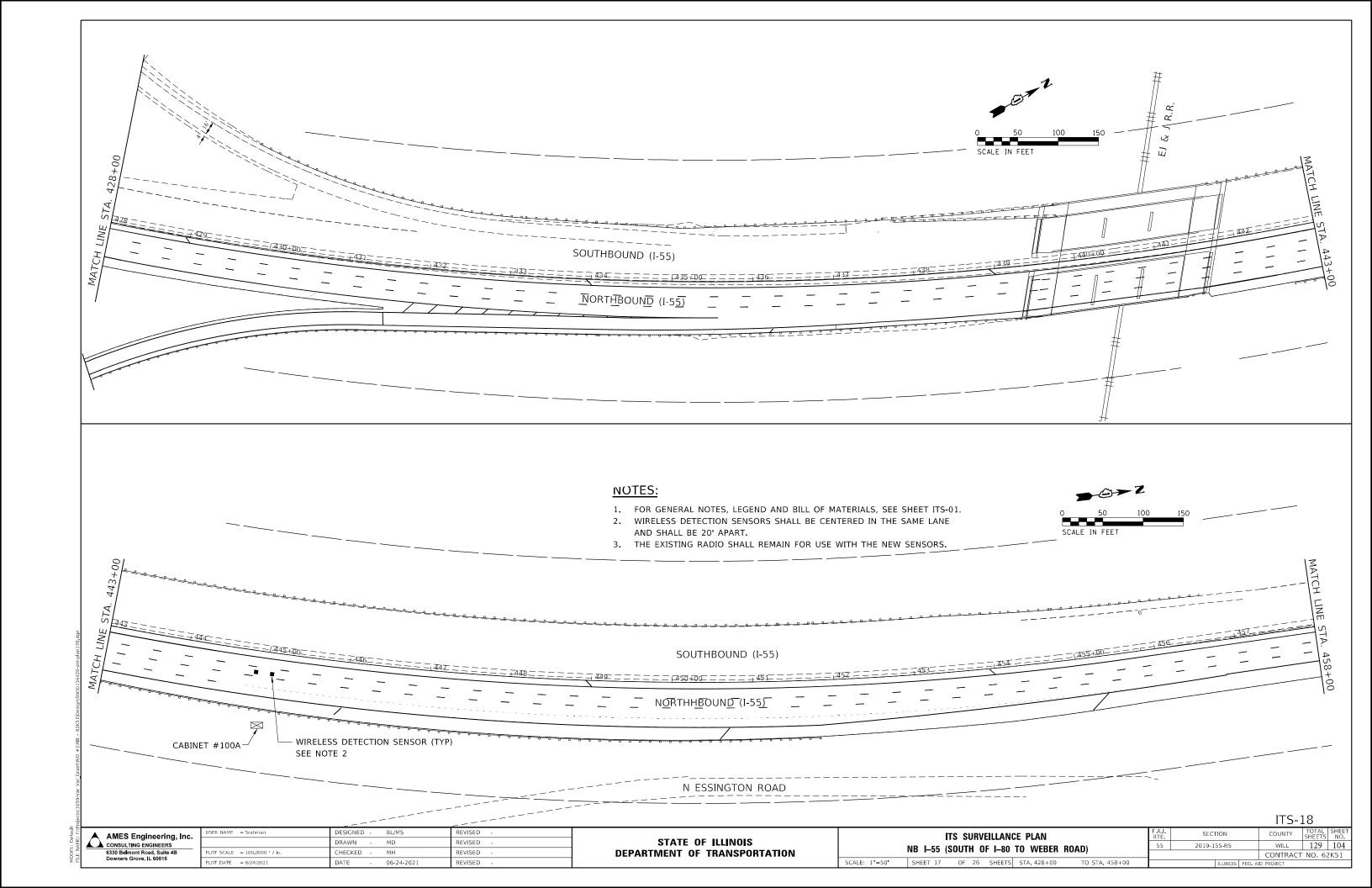


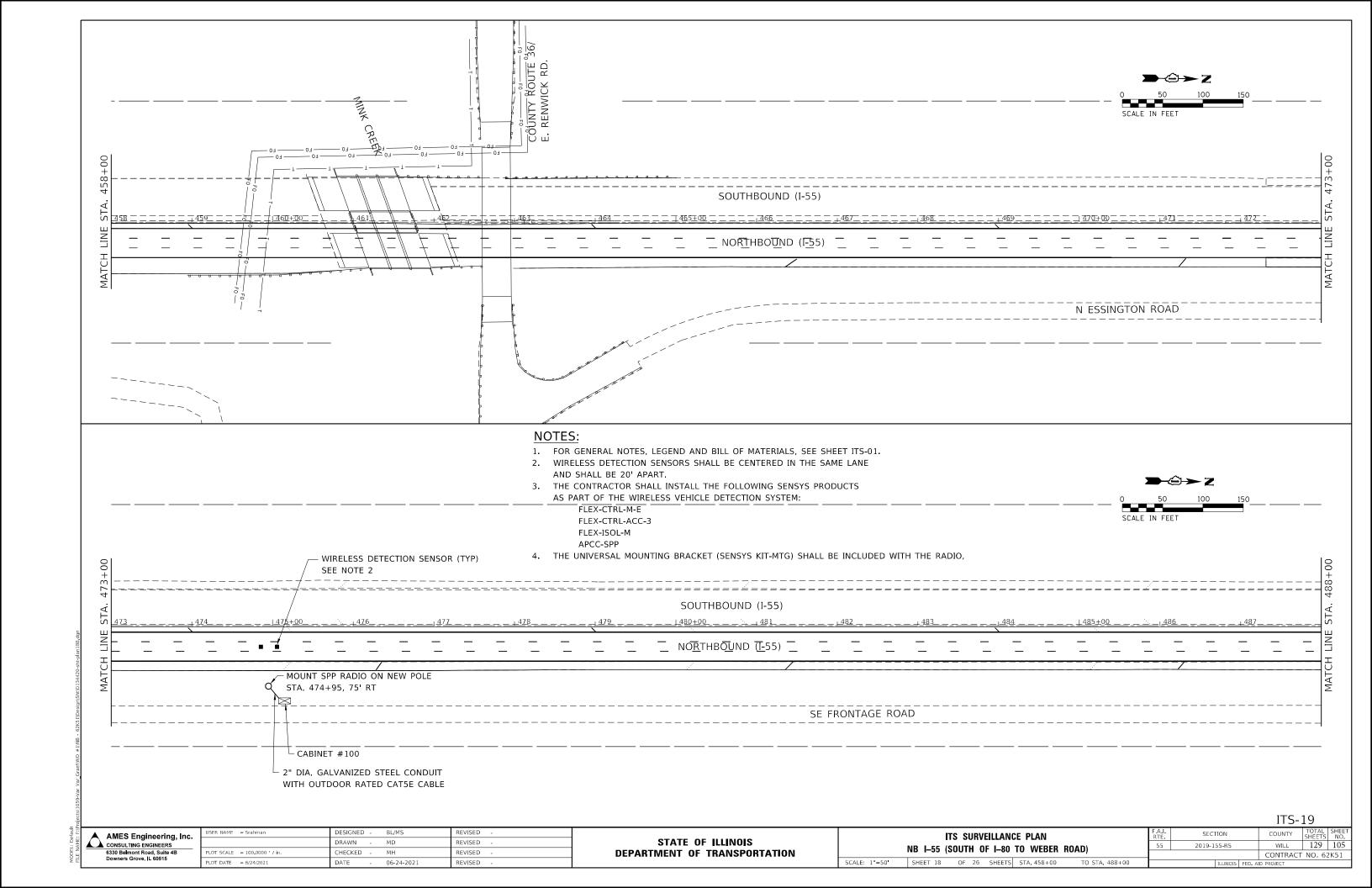


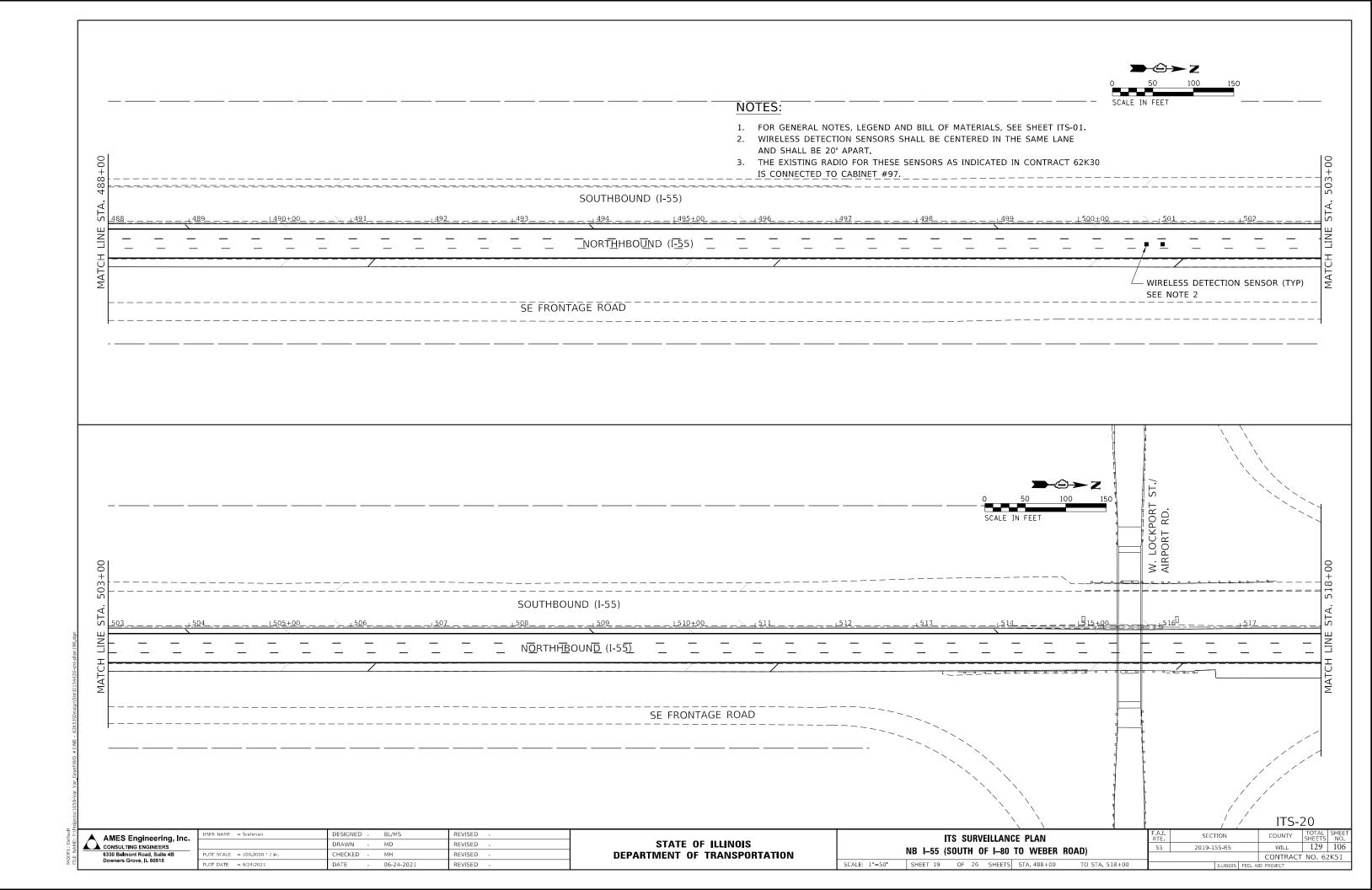


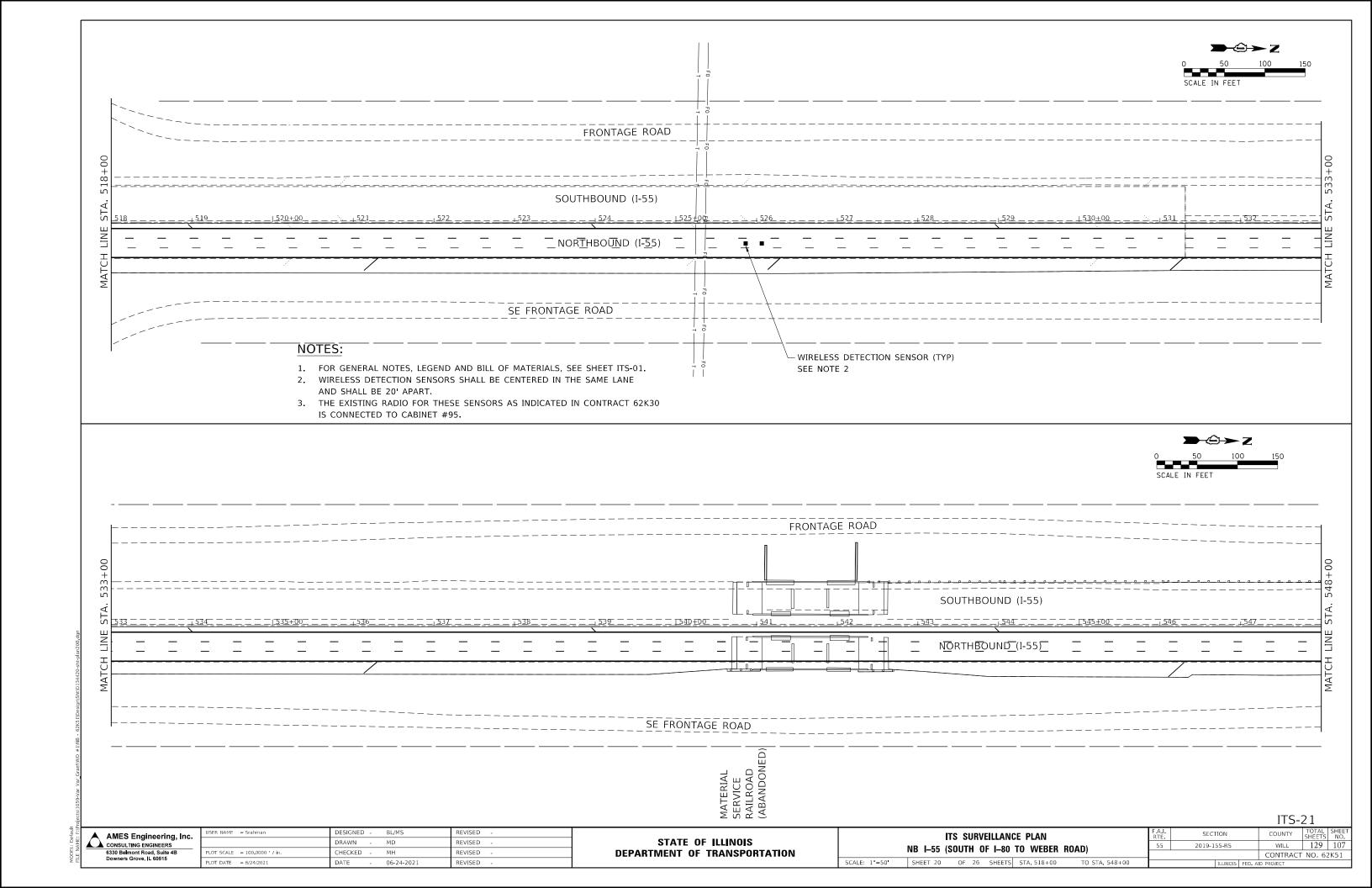


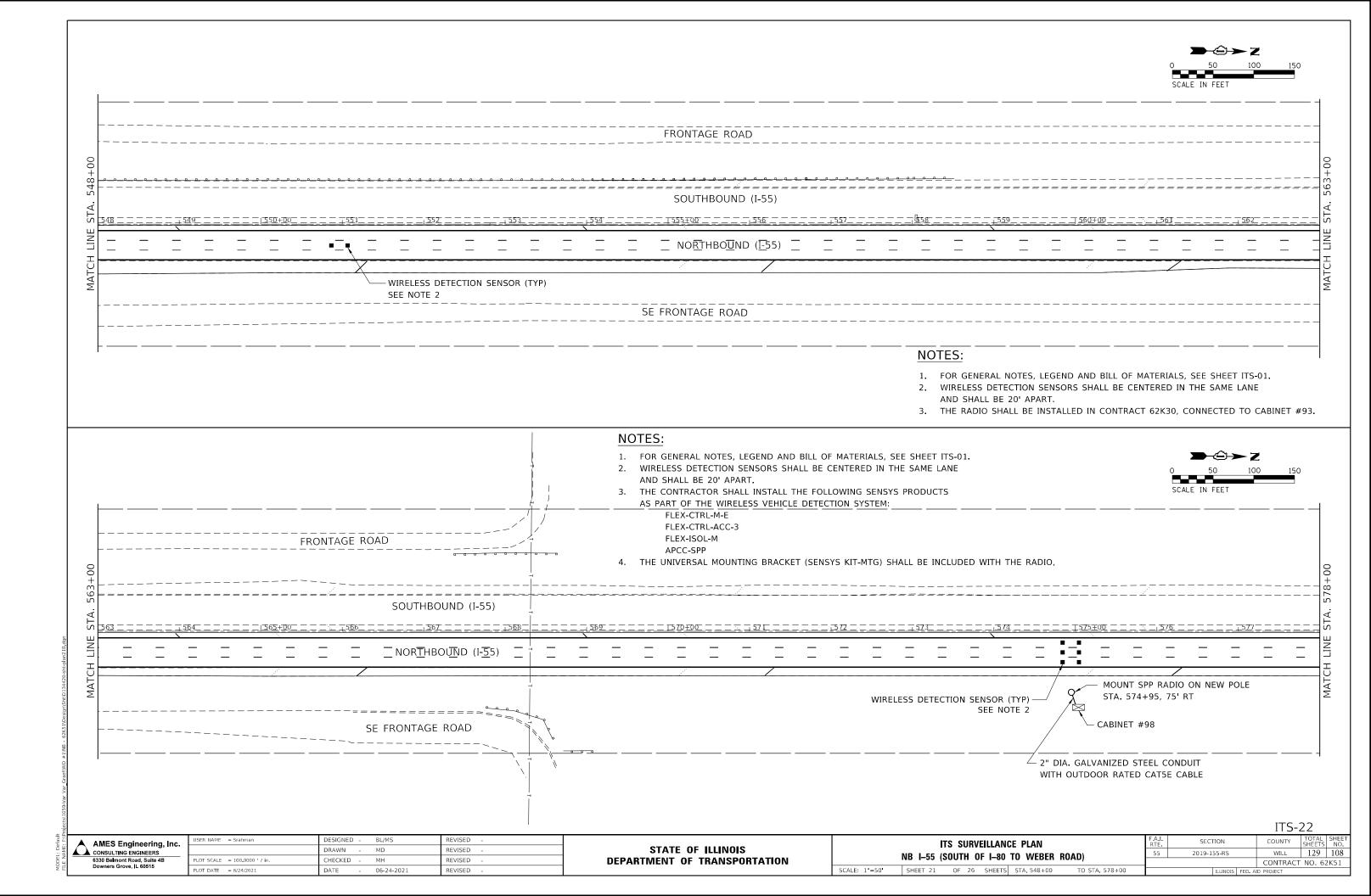


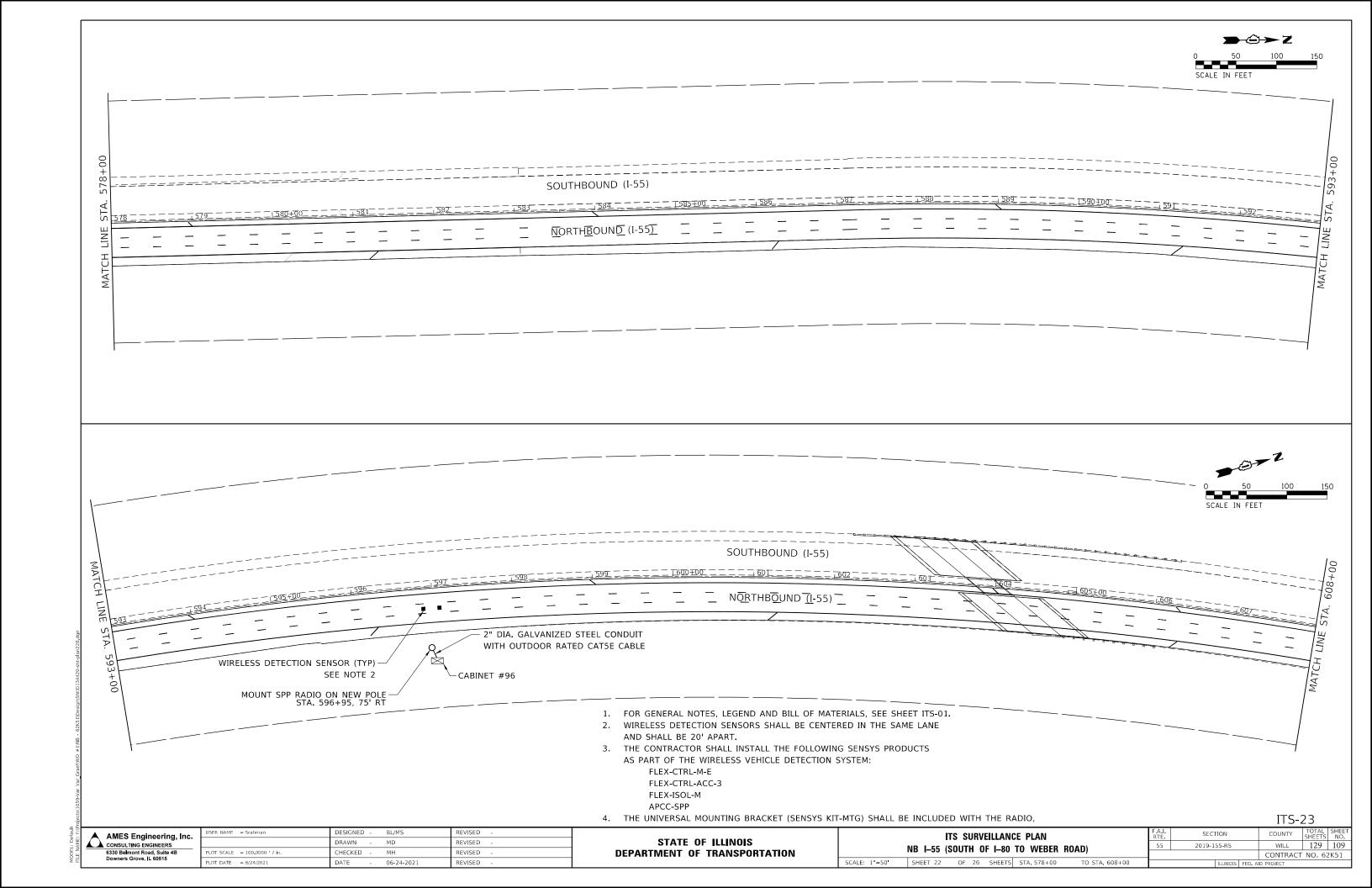


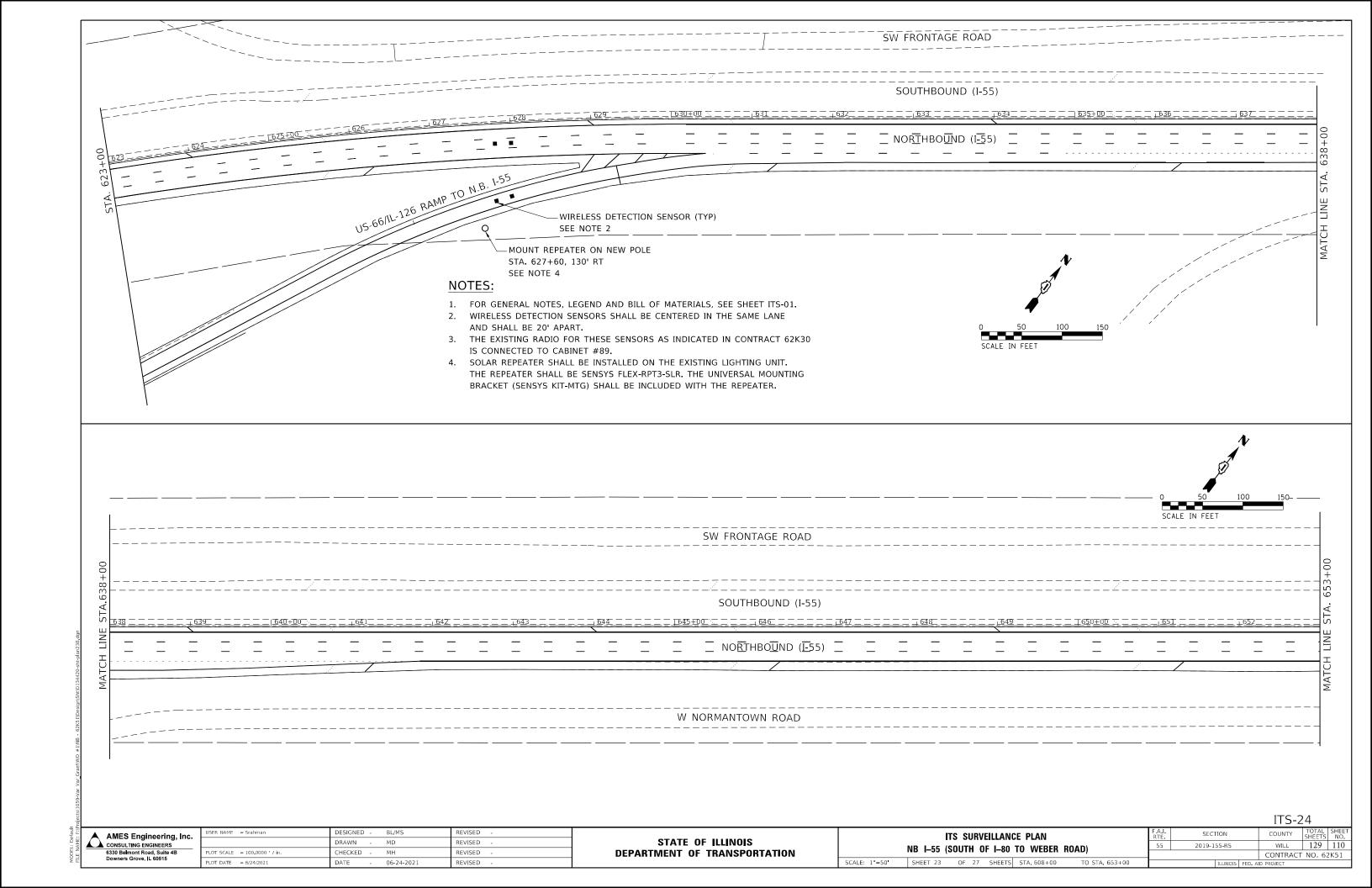


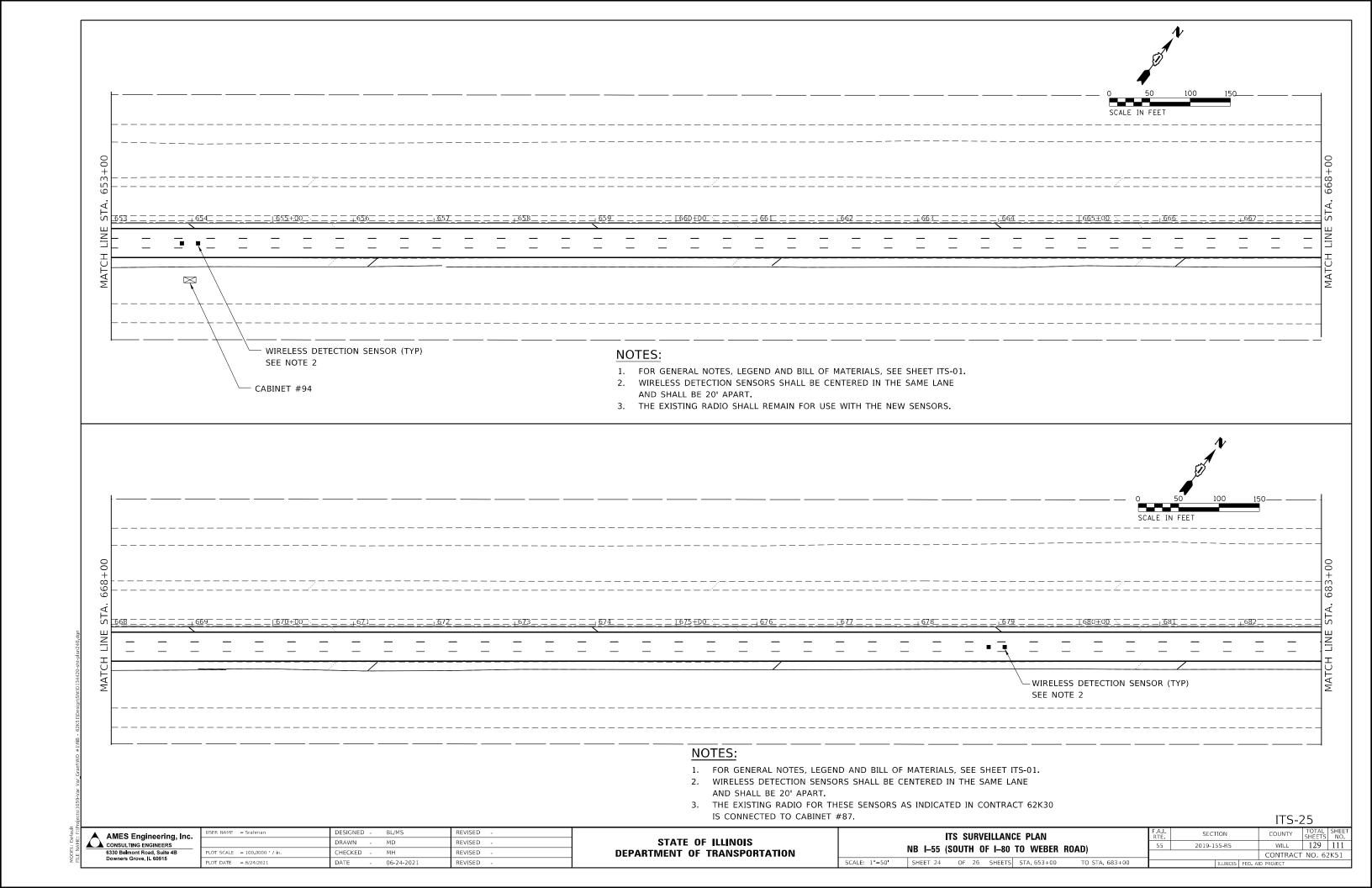


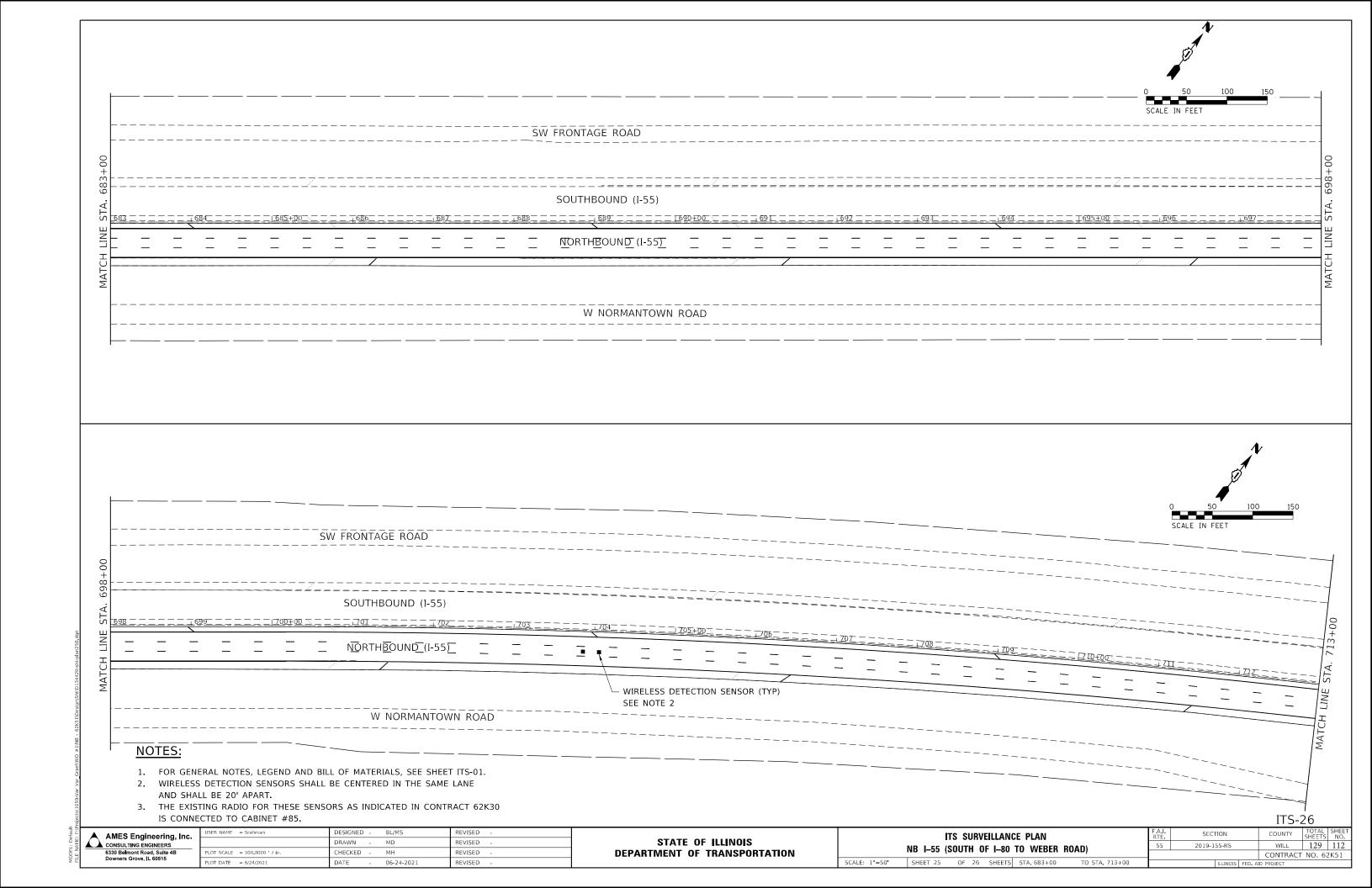


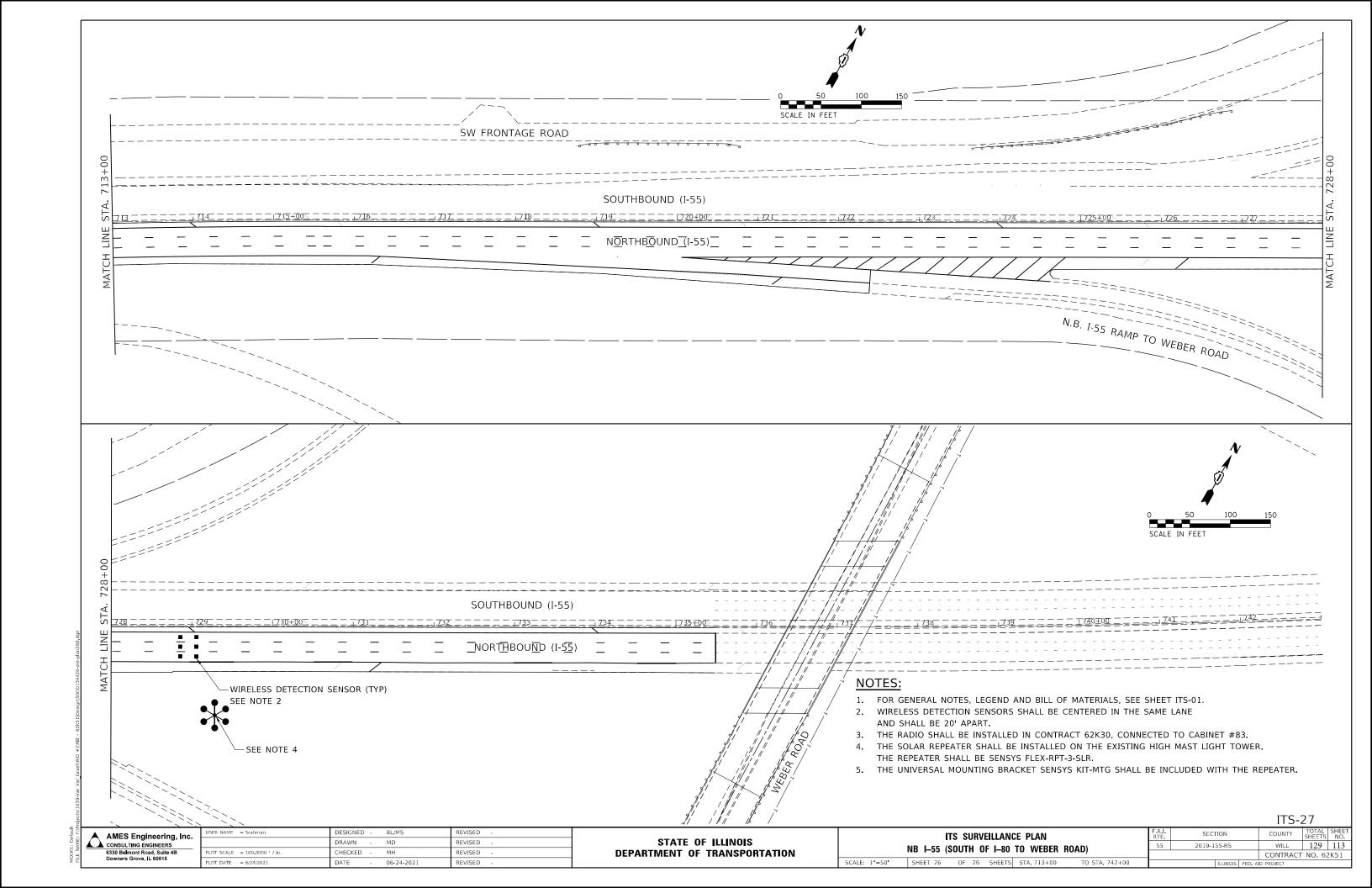


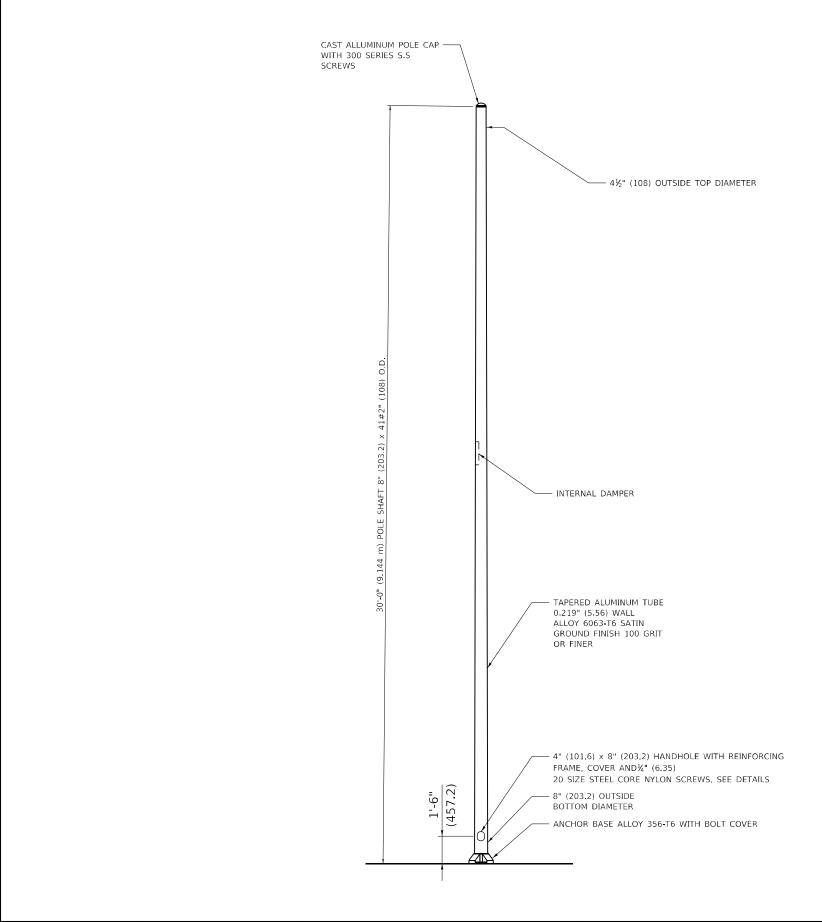






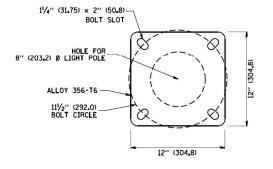






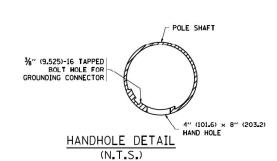
NOTES:

- 1. ALL DIMENSION ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- 2. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
- 3. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR. BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
- 4. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.



LIGHT POLE BASE PLATE DETAIL

111/2" (292.0) BOLT CIRCLE



ITS-28

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60515

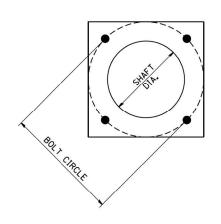
USER NAME = gaglianobt	DESIGNED - BL	REVISED - R. TOMSONS 09-02-03
	DRAWN - SR	REVISED -
PLOT SCALE = 50.000 ' / IN.	CHECKED - MB	REVISED -
PLOT DATE = 1/4/2008	DATE - 06-24-2021	REVISED -

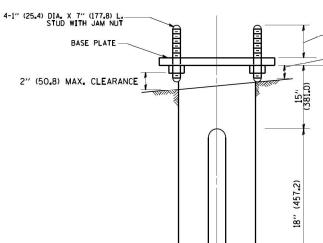
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. - SECTION COUNTY SHEETS NO.

55 2019-155-RS WILL 129 114

CONTRACT NO. 62K51



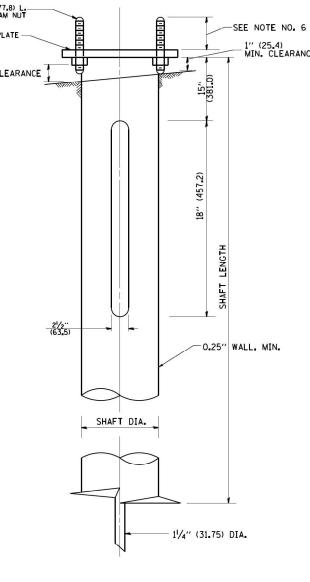


HELIX FOUNDATION SIZE

		i e		
POLE MOUNTING	BOLT	SHAFT	SHAFT	BASEPLATE
HEIGHT	CIRCLE	DIAMETER	LENGTH	DASE, LAIL
HEIGHT	CIRCLE	DIAMETER	LENGIH	
70 57	441/11	05/4	C FT	12"×12"×1"
30 FT.	111/2"	85/3′′	6 FT.	12 X12 X1
71 FT 75 FT	111/2"	-E/		12"×12"×1"
31 FT35 FT.	11/2	85/8′′	6 FT.	12×15×1
7C FT 40FT	1511	05/44	C 57	15"×15"×1 ¹ / ₄ "
36 FT40FT.	15′′	85⁄3′′	6 FT.	15 X15 X174
41 FT45 FT.	15"	85/3′′	6 FT.	15"×15"×1 ¹ / ₄ "
41 61-40 61	15	0 78	0 11.	12 X12 X1/4
AC ET EO ET	15"	1011	0 FT	1511-1511-11/11
46 FT50 FT.	15	10"	8 FT.	15''×15''×1'/ ₄ ''

METAL HELIX FOUNDATION MATERIALS

ITEM	MATERIAL REQUIREMENT
BASEPLATE	AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
SHAFT	ASTM A 252, GRADE 2 (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
HELIX SCREW	AASHTO M 183 (ASTM A 635)
PILOT POINT	AASHTO M 270 (ASTM A 575)
ANCHOR RODS/STUDS	AASHTO M 314 (ASTM F 1554)
HEXAGON NUTS	AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H
WASHERS	AASHTO M 293 (ASTM F 436)



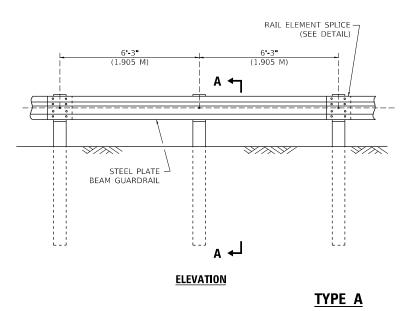
NOTES:

- 1. ALL DIMENSION IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- 2. ALL MATERIAL SHALL BE GALVINIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
- 3. ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1/4" (6.35 mm) FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS (13558.18 n.m) OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
- 4. THE HELIX FOUNDATION SHAFT SHALL BE INSTALLED VERTICAL AND THE BASE PLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE
- 5. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
- 6. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASE PLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
- 7. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
- 8. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDTION IS NOT ALLOWED.
- 9. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3.500 FT LB (4.750 KNM). METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
- 10. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS (± 1°) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
- 11. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE (± 2°).
- 12. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.

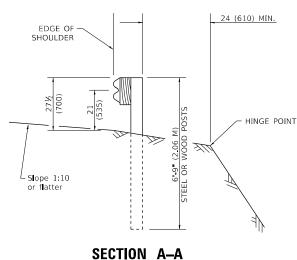
ITS-29

\blacktriangle	AMES Engineering, Inc.	US
\bigcirc	CONSULTING ENGINEERS	
	6330 Belmont Road, Suite 4B	Pl
	Downers Grove, IL 60515	PI

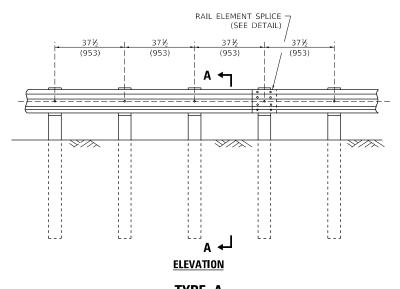
	DESIGNED - BL	REVISED -
DR	DRAWN - SR	REVISED -
PLOT SCALE = 50.000 ' / IN. CH	CHECKED - MB	REVISED -
PLOT DATE = 1/4/2008 DA	DATE - 06-24-2021	REVISED -



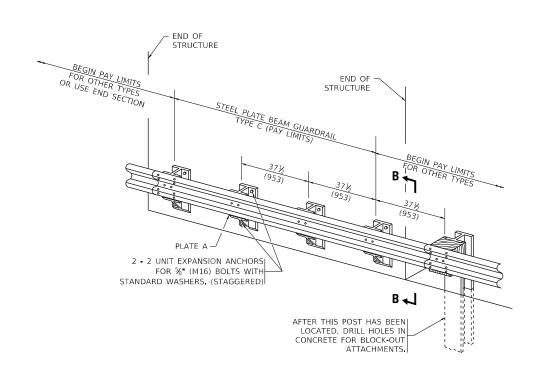
6'-3" (1.905 M) TYPICAL POST SPACING



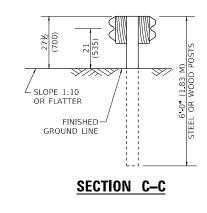
SECTION A-A



TYPE A 37½ (953) CLOSED POST SPACING



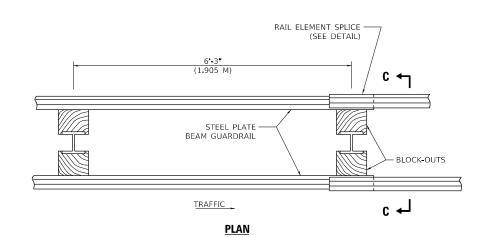
TYPE C 37½ (953) BLOCK-OUT SPACING



CONCRETE STRUCTURE (232) STEEL BLOCK OUTS ONLY - SLOPE 1:10 OR FLATTER FINISHED GROUND LINE

SECTION B-B

SCALE: NONE



TYPE D

DOUBLE STEEL PLATE BEAM GUARDRAIL 6'-3" (1.905 M) TYPICAL POST SPACING

GENERAL NOTES

ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

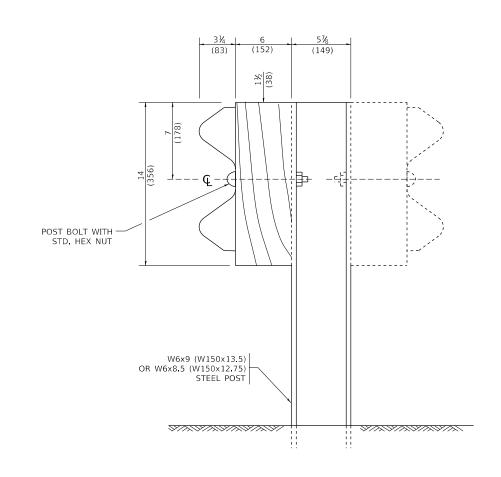
THE EXISTING STEEL POSTS MAY BE DRILLED TO MATCH THE BOLT PATTERN SHOWN HEREIN FOR THE WOOD BLOCK-OUT, OR A NEW STEEL POST SHALL BE PROVIDED.

THIS DETAIL IS APPLICABLE TO THE GUARDRAIL SYSTEM USED PRIOR TO JANUARY 1, 2007. FOR DETAILS ON THE MIDWEST GUARDRAIL SYSTEM, SEE STANDARD 630001.

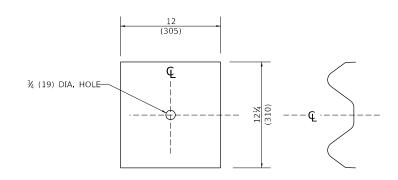
USER NAME ■ footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50,0000 / in	CHECKED -	REVISED -
PLOT DATE ■ 3/11/2019	DATE -	REVISED -

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTA	ATION

		F.A. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
STEEL PLATE BEAM GUARDRAIL		55	2019-155-RS		WILL	129	116
STEEL TEATE BEAW GOANDHAIL			BM - 21		CONTRACT NO. 62K51		2K51
EET 1 OF 4 SHEETS STA.	TO STA.		ILLINOIS	FED, Al	ID PROJECT		



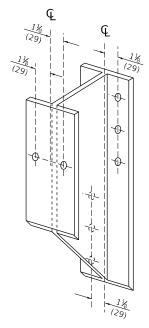
STEEL POST CONSTRUCTION



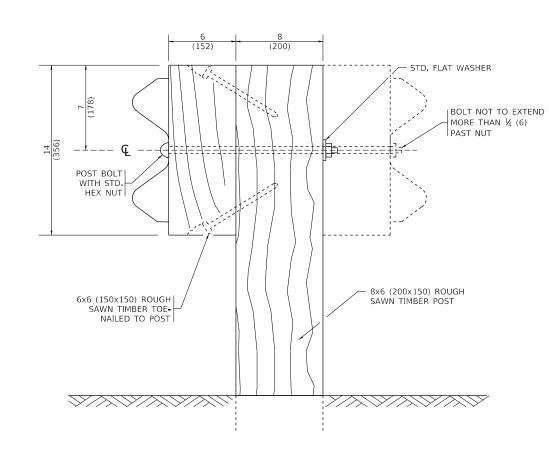
NOTE:

PLATE A SHALL BE PLACED BETWEEN RAIL ELEMENT AND BLOCK-OUT AT NON-SPLICE MOUNTING POINTS ONLY WHEN STEEL BLOCK-OUTS ARE USED.

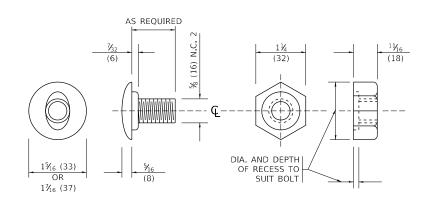
PLATE A



STEEL BLOCK-OUT DETAIL



WOOD POST CONSTRUCTION



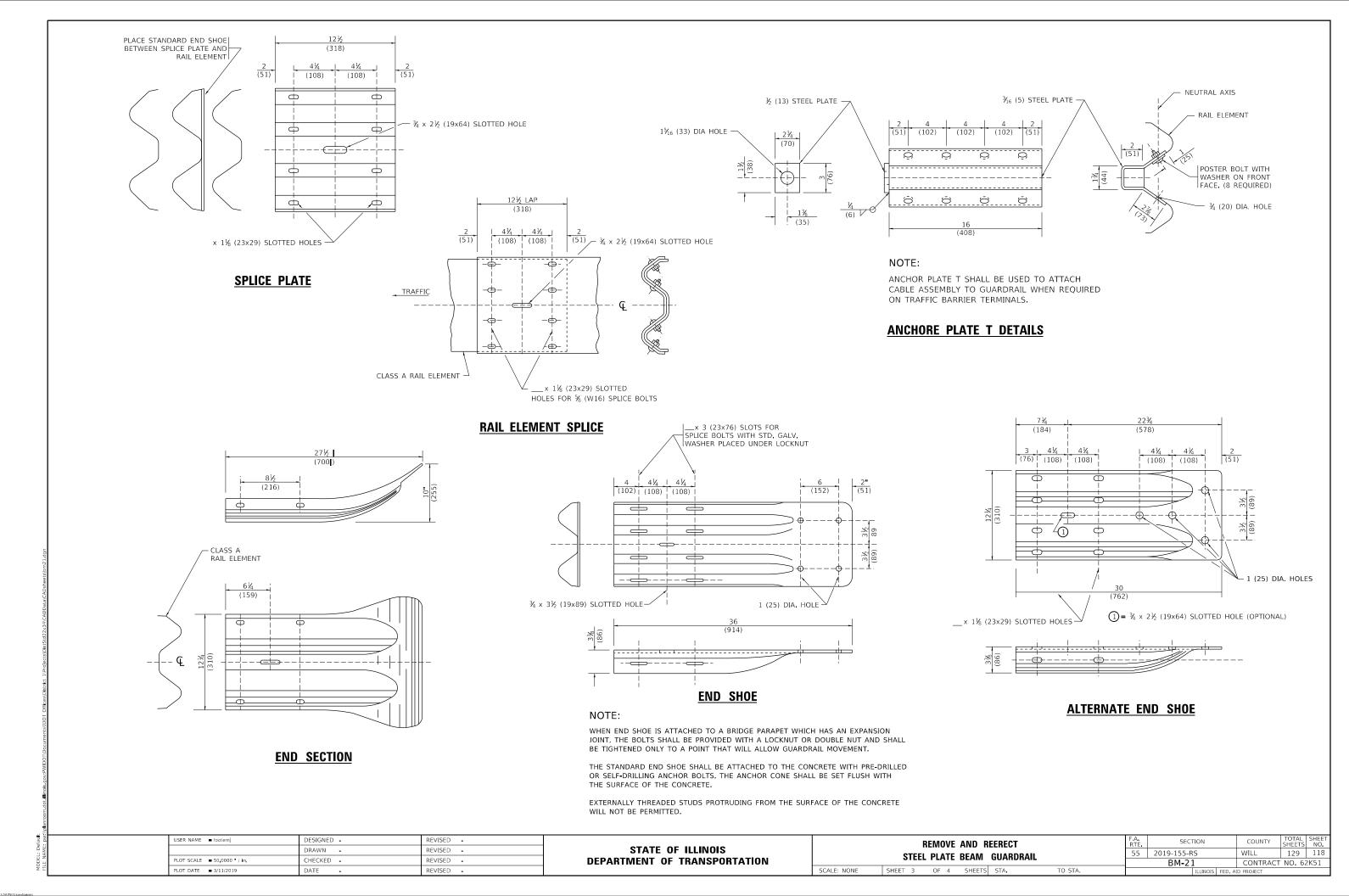
POST OR SPLICE BOLT & NUT

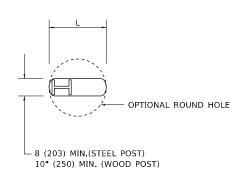
SCALE: NONE

USER NAME Tootemj	DESIGNED .	REVISED -	ı
	DRAWN -	REVISED -	
PLOT SCALE = 50,0000 / in	CHECKED .	REVISED -	
PLOT DATE ■ 3/11/2019	DATE -	REVISED -	

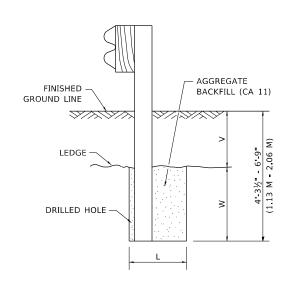
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

		F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
			55	2019-155-RS	WILL	129	117			
	JILL	LILAIL	DEAM	GOAIIDIIAIL			BM-21	CONTRACT	NO. 62	2K51
	SHEET 2	OF 4	SHEETS	STA.	TO STA.		TI I I I I I I I I I I I I I I I I I I	D PROJECT		





<u>PLAN</u>

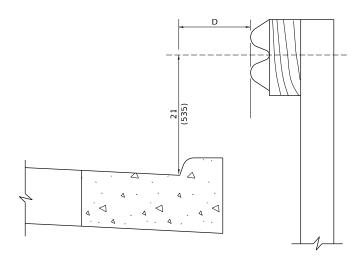


NOTE:

LEDGE LINE IS TOP OF ROCK LEDGE OR HARD SLAG FILL.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED



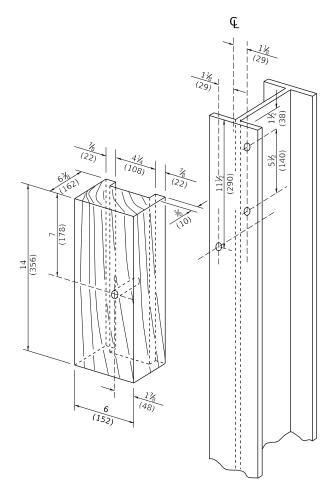
NOTE:

IF IT IS NECESSARY FOR D TO BE MORE THAN 12 (300) AND LESS THAN 10'-0" (3.0 M) TYPE M-2 (M-5) CURB AND GUTTER (STD. 606001) SHALL BE USED IN FRONT OF AND IN ADVANCE OF THE GUARDRAIL.

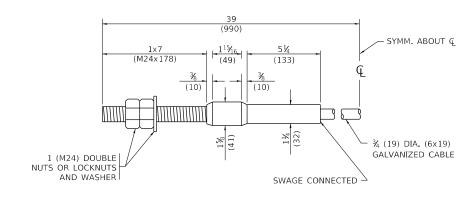
GUARDRAIL PLACED BEHIND CURB

(D = O DESIRABLE TO 12 (300) MAXIMUM)

V	W	I	-
V	VV	STEEL POST	WOOD POST
0 - 18	24	21	23
(0 - 460)	(610)	(530)	(580)
>18 - 41.5	12	8	10
(> 460 - 825)	(305)	(203)	(250)
>41.5 - 53.5	12 - 0	8	10
(> 825 - 1.13 M)	(350 - 0)	(203)	(250)



WOOD BLOCK – OUT AND STEEL POST DETAILS



CABLE ASSEMBLY

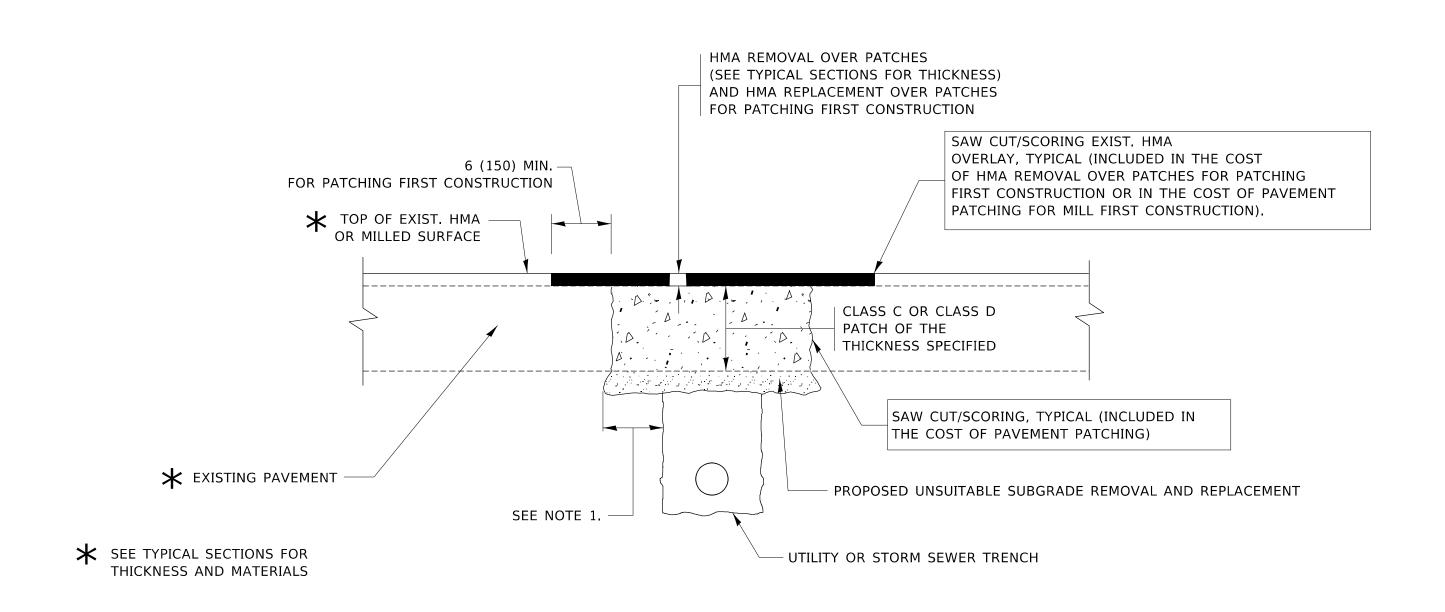
(40,000 LBS (18,100 KG) MIN. BREAKING STRENGTH)
TIGHTEN TO TAUT TENSION

USER NAME ■ footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50,0000 / in	CHECKED .	REVISED -
PLOT DATE 3 /11/2019	DATE -	REVISED -

STATE OF ILLINOIS						
DEPARTMENT OF TRANSPORTATION						

SCALE: NONE

REMOVE AND REERECT						F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STEEL PLATE BEAM GUARDRAIL					55	2019-155-RS	WILL	129	119	
SIEEL PLATE BEAW GUARDRAIL						BM-21	CONTRACT	NO. 62	2K51	
SHEET 4	OF	4	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		



NOTES:

- 1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
- 2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

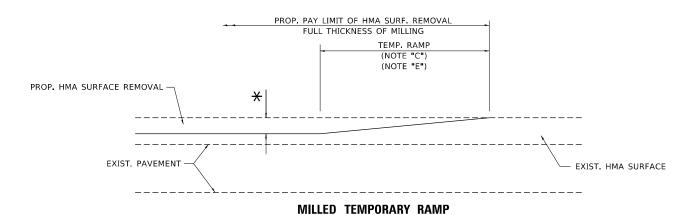
- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

- 1. MILL HMA FIRST IF THERE IS AT LEAST $4\frac{1}{2}$ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

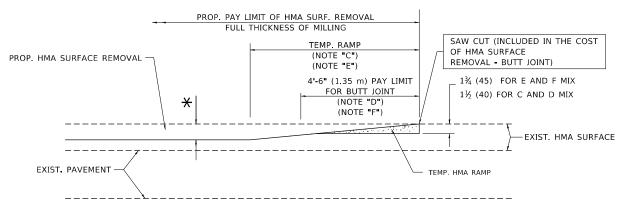
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME ■ footemj	DESIGNED - R. SHAH DRAWN -	REVISED - A. ABBAS 04-27-98 REVISED - R. BORO 01-01-07	STATE OF ILLINOIS		PAVEMENT PATCHING FOR		RTE SECTION	COUNTY SHEETS NO. WILL 129 120
PLOT SCALE = 50,0000 / in	CHECKED -	REVISED - R. BORO 09-04-07	DEPARTMENT OF TRANSPORTATION		HMA SURFACED PAVEMENT		BD400-04 (BD-22)	CONTRACT NO. 62K51
PLOT DATE ■ 3/27/2019	DATE - 10-25-94	REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET 1 OF 1 SHEETS STA.	TO STA.	ILLINOIS FED. A	ID PROJECT



(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

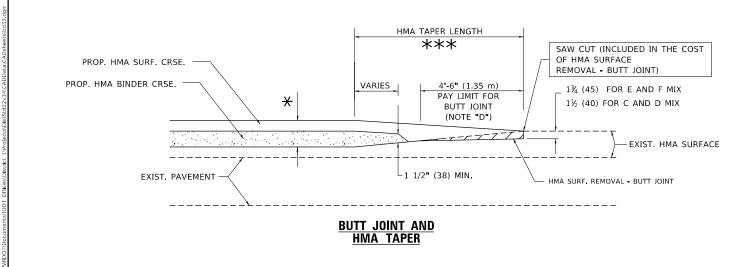


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



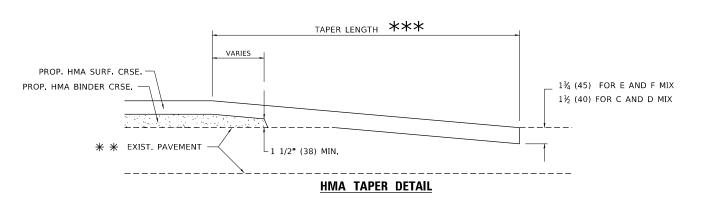
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

USER NAME ■ footemj DESIGNED - M. DE YONG REVISED - R. SHAH 10-25-94 DRAWN . REVISED - A. ABBAS 03-21-97 CHECKED -REVISED - M. GOMEZ 04-06-01 LOT DATE = 3/27/2019 REVISED - R.BORO 01-01-07 DATE - 06-13-90

DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND 55 2019-155-RS **HMA TAPER DETAILS** SHEET 1 OF 1 SHEETS STA. TO STA

PROP. HMA OR PCC SURFACE REMOVAL - BUTT JOINT SAW CUT (INCLUDED IN THE COST 30'-0" (9.0 m) (NOTE "A") EXIST, HMA OR PCC SURFACE -OF HMA OR P.C.C. SURFACE REMOVAL 15'-0" (4.5 m) (NOTE "B") - BUTT JOINT) (NOTE "D") 1¾ (45) FOR E AND F MIX 1½ (40) FOR C AND D MIX * * EXIST. PAVEMENT **BUTT JOINT DETAIL**



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE,
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP, RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT. * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A") 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

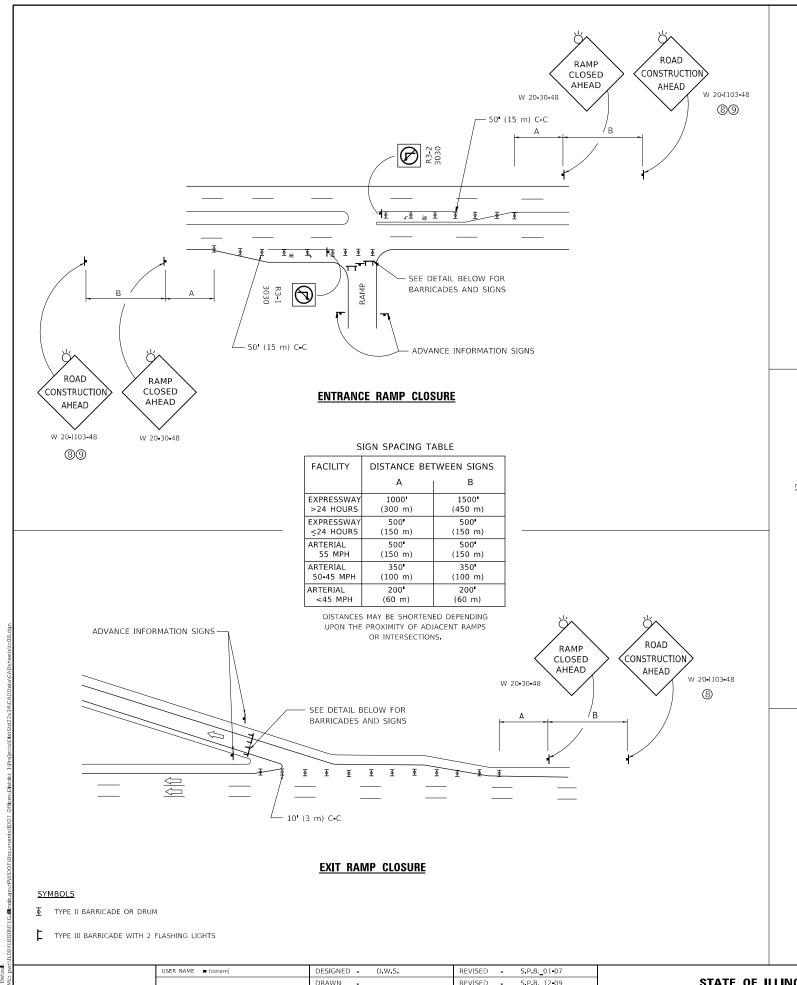
BASIS OF PAYMENT

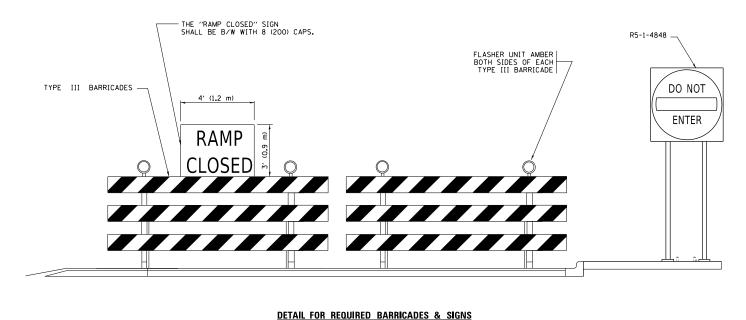
THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

STATE OF ILLINOIS SCALE: NONE

COUNTY 129 | 121 BD400-05 BD32 CONTRACT NO. 62K51





RAMP CLOSURE ADVANCE INFORMATION SIGN

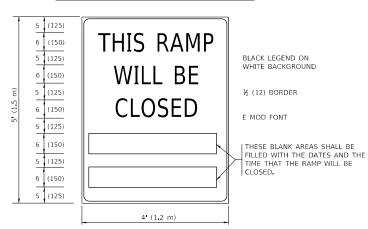
RAMP CLOSURE ADVANCE WARNING SIGN

RAMP CLOSED

BACKGROUND MOUNTED
DIAGONALLY
E MOD FONT
1 (25) BORDER
THESE SIGNS ARE REQUIRED ON ALL THE EXIT

THESE SIGNS ARE REQUIRED ON ALL THE EXIT
GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE
CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

BLACK LEGEND ON ORANGE



THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

- OCONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II
 BARRICADES DURING DAY OPERATIONS. CONES SHALL BE
 A MINIMUM OF 28 (700) HIGH.
- (2) VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- 3 A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEEDED BY A W20-7 FLAGGER WARNING SIGN.
- 4 ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.

SHEET 1

(3) THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS),

SCALE: NONE

- 6 AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES,
- THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED
 IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL
 ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE
 REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH
- ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN COMJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN,
- ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

 USER NAME
 • footem)
 DESIGNED - D.W.S.
 REVISED - S.P.B._01-07

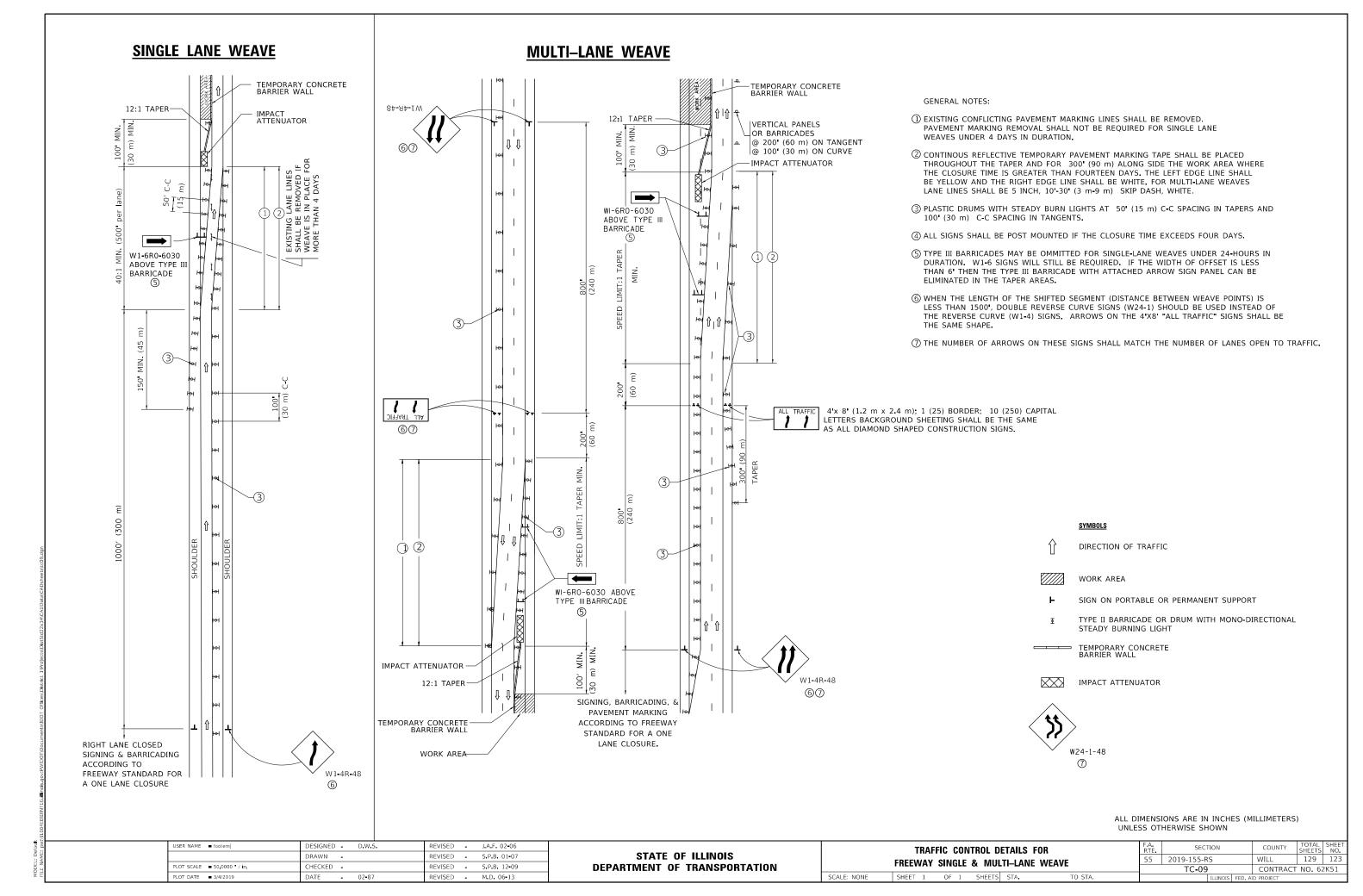
 DRAWN - REVISED - S.P.B._12-09
 PLOT SCALE • 50,0000 '/ in.
 CHECKED - REVISED - M.D._06-13

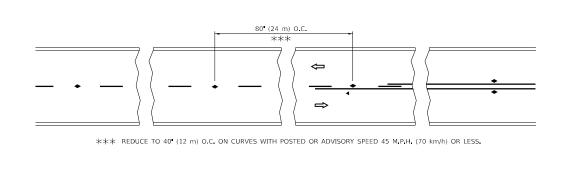
 PLOT DATE • 3/4/2019
 DATE - 02-83
 REVISED - M.D._01-18

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE_AND_EXIT_RAMP		F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEE		
CLOSURE DETAILS				55	2019-155-RS	WILL	129	122
			TC-08	CONTRACT	NO. 62	2K51		
T 1	OF 1 SHEETS	STA	TO STA		THINOIC SED A	ID DROJECT		

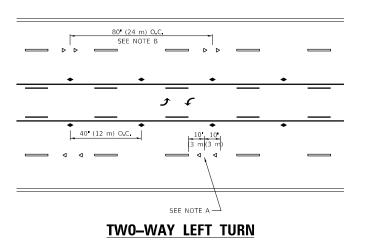
priis den 3/4/2019 10/27/32 3/M I





LANE REDUCTION TRANSITION

SEE FIGURE 3B-14 MUTCD



SYMBOLS

ONE-WAY AMBER MARKER

TWO-WAY AMBER MARKER

ONE-WAY CRYSTAL MARKER (W/O)

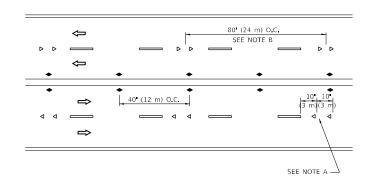
YELLOW STRIPE

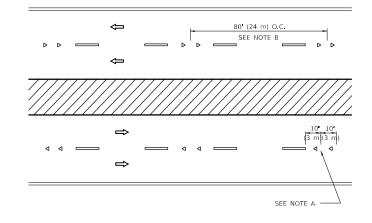
WHITE STRIPE

TWO-LANE/TWO-WAY

O.C.

40 (12 m)

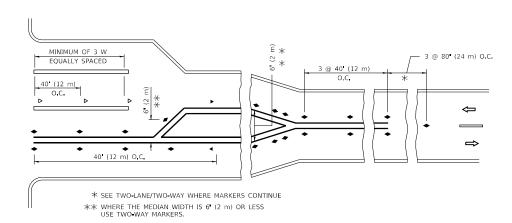




MULTI-LANE/DIVIDED

MULTI-LANE/UNDIVIDED

3 @ 40° (12 m)



TURN LANES

GENERAL NOTES

- 1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- 2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- MARKERS THROUGH TANGENTS LESS THAN 500 (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
- 4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40 (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

- 1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- 2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- 3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

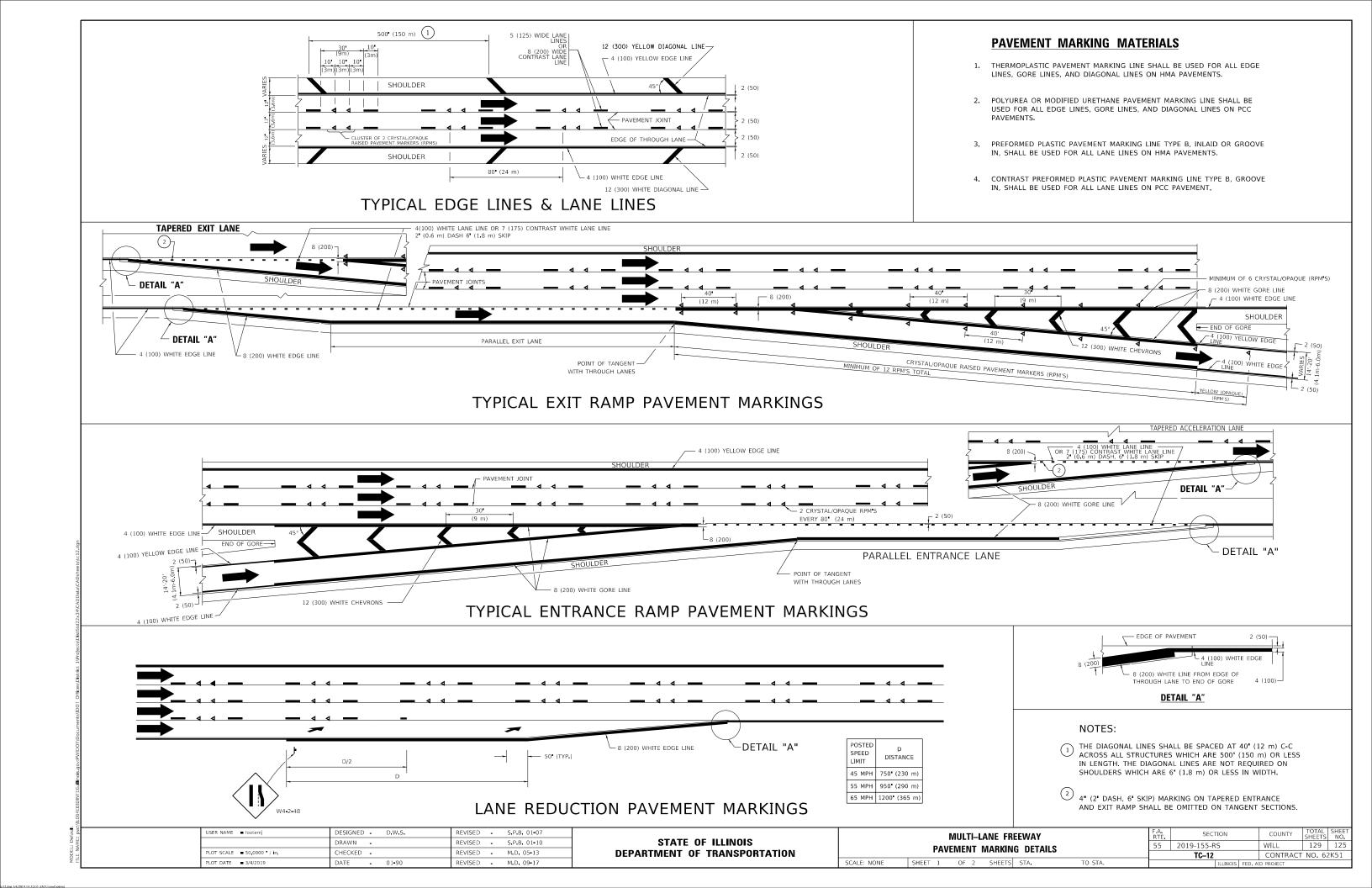
All dimensions are in inches (millimeters) unless otherwise shown.

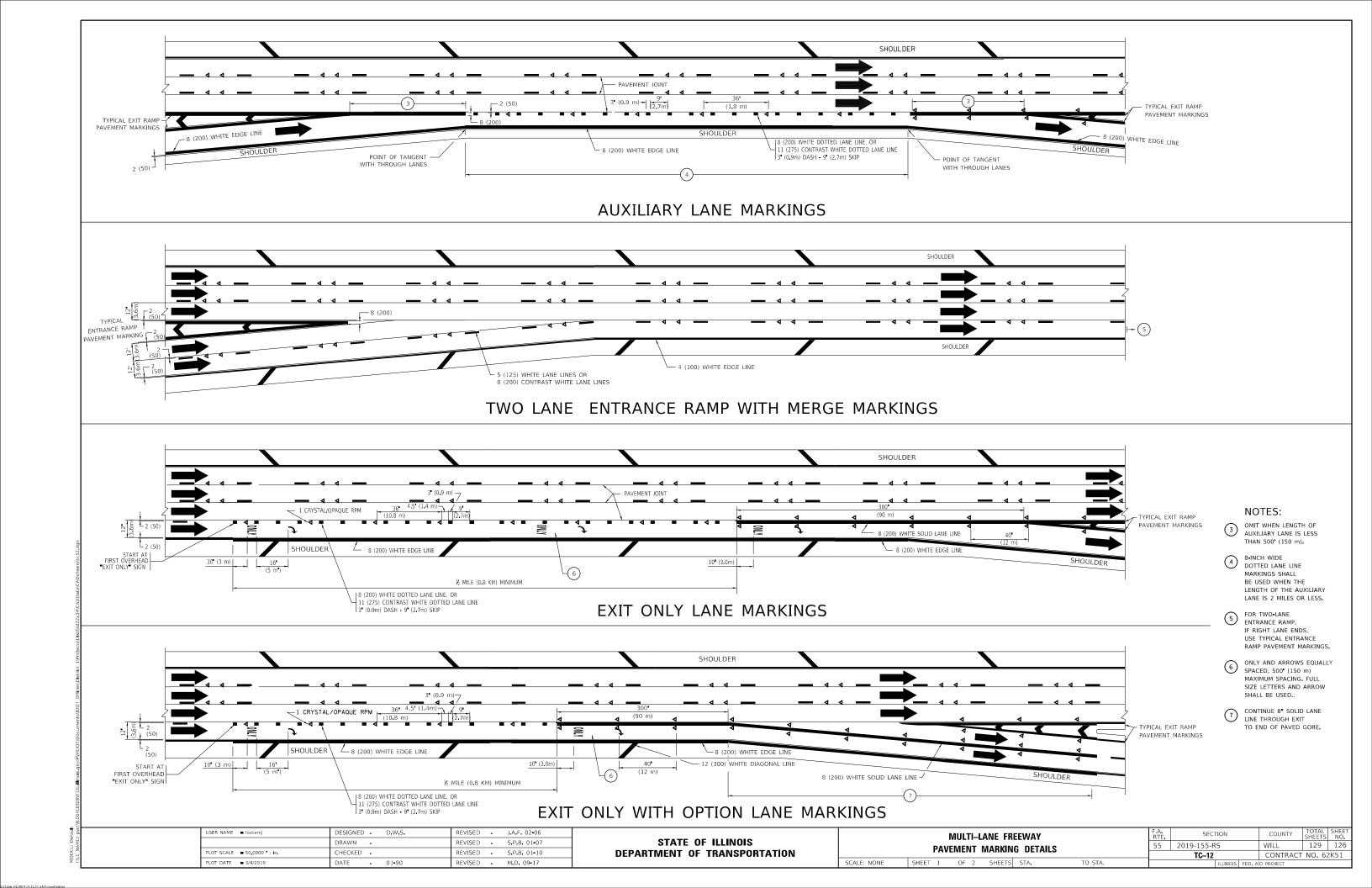
USER NAME ■ footemj REVISED - T. RAMMACHER 03-12-99 DESIGNED . SECTION TYPICAL APPLICATIONS STATE OF ILLINOIS DRAWN -REVISED -T. RAMMACHER 01-06-00 55 2019-155-RS 129 124 WILL RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) CHECKED . REVISED - C. JUCIUS 09-09-09 **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 62K51 TC-11 SHEET 1 OF 1 SHEETS STA. LOT DATE = 3/4/2019 DATE REVISED - C. JUCIUS 07-01-13

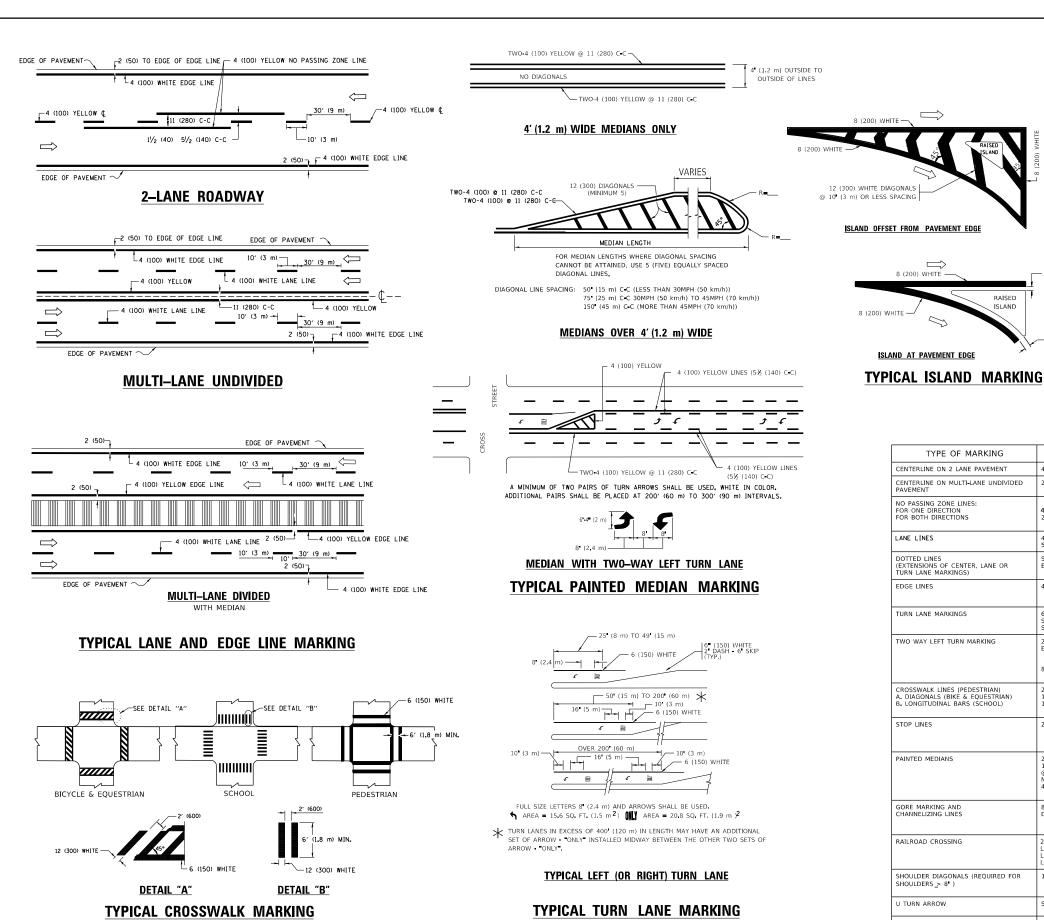
illinois-gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist

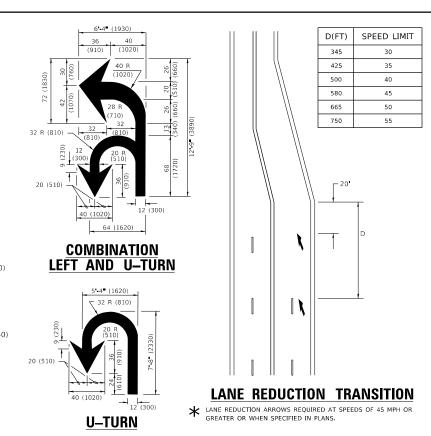
3 @ 80 (24 m) O.C.

 \Rightarrow









TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10" (3 m) LINE WITH 30" (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP DASH CENTERLINE 11 (280) C-C OMIT SKIP DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10° (3 m) LINE WITH 30° (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8 (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8" (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW	10* (3 m) LINE WITH 30* (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6 (1.8 m) APART 2 (600) APART 2 (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4" (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4" (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15° (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20° (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30° (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6 (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R=3.6 SQ, FT. (0.33 m / EACH "X=54.0 SQ, FT. (5.0 m /2
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8°)	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001,

8 (200) WHITE -

RAISED

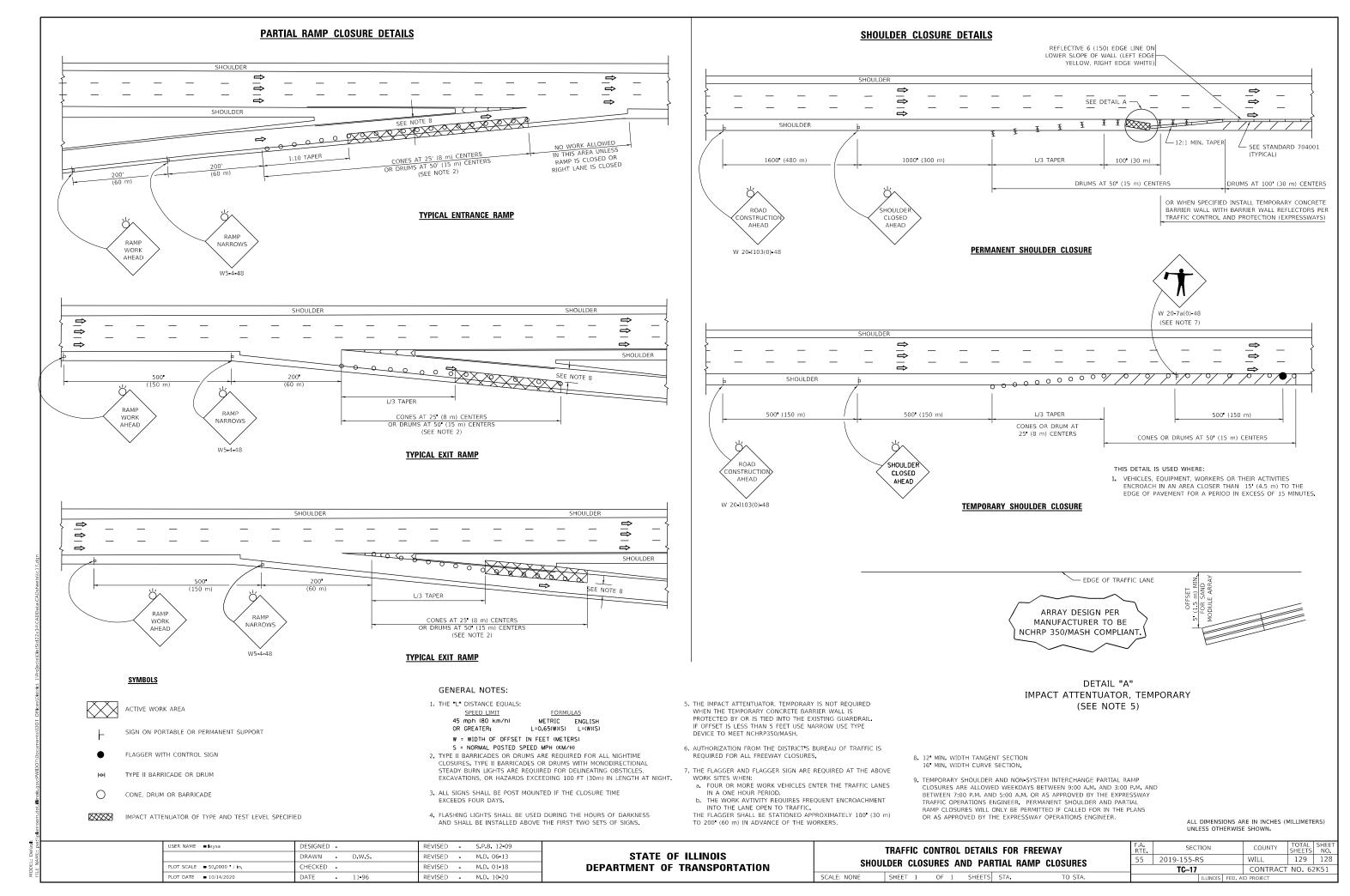
All dimensions are in inches (millimeters) unless otherwise shown

PLOT DATE ■ 3/4/2019	DATE		03-19-90	REVISED		C. JUCIUS 04-12-16
PLOT SCALE = 50,0000 / in	CHECKED	-		REVISED		C. JUCIUS 12-21-15
	DRAWN	-		REVISED		C. JUCIUS 07-01-13
USER NAME ■ footemj	DESIGNED	-	EVERS	REVISED	-	C. JUCIUS 09-09-09

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

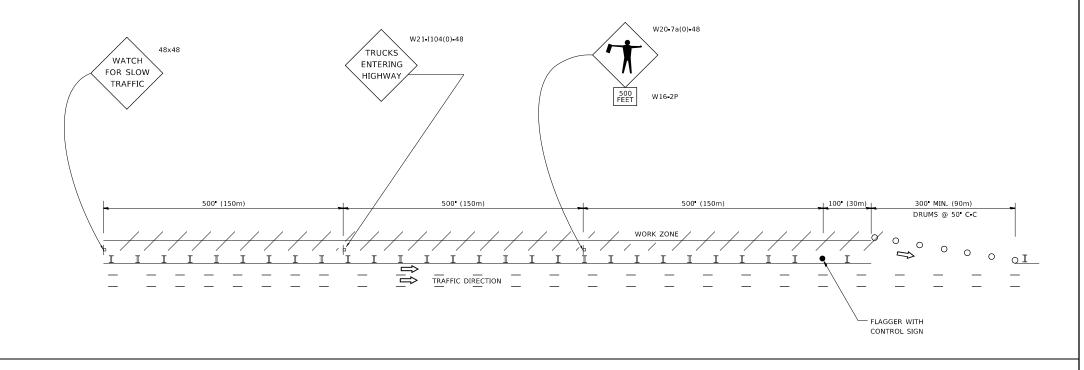
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	DISTRICT ONE TYPICAL PAVEMENT MARKINGS				F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEE	
TV					55	2019-155-RS	WILL	129	12	
	IIUAL	IAV		WANKINGS			TC-13	CONTRACT	NO. 62	2K51
IEEE 1	O.E.	7	CHEETC	CTA	TO CTA		ULBIOTE SER II	D DDOIEGE		

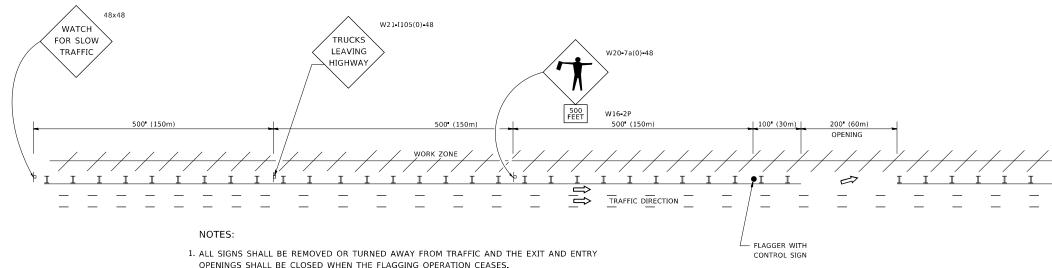


SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



- OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
- 2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMPS.
- 3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
- 4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
- 5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN

USER NAME ■ footemj	DESIGNED -	REVISED	-	J.A.F. 02-06
	DRAWN -	REVISED	-	S.P.B. 01-07
PLOT SCALE = 50,0000 / in	CHECKED -	REVISED	-	S.P.B. 12-09
PLOT DATE ■ 3/4/2019	DATE •	REVISED	-	M.D.06-13

FREEWAY	/EXPRES	SWAY SIGI	VING FO	OR FLAGGING	OPERATIONS
AT WOR	K ZONE	OPENINGS	ON FR	EEWAYS /EXF	PRESSWAYS
SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.

F.A. RTE	SECTION		COUNTY	TOTAL SHEETS	SHE
55	2019-155-RS		WILL	129	129
	TC-18		CONTRACT	NO. 62	2K51
	ILLINOIS	EED. A	ID PROJECT		