

INDEX OF SHEETS

- 1 COVER SHEET
- 2 LIST OF STANDARDS, GENERAL NOTES AND LEGEND
- 3-4 SUMMARY OF QUANTITIES
- 5-8 TYPICAL SECTIONS
- 9-12 SCHEDULES OF QUANTITIES
- 13 ALIGNMENT, TIES & BENCHMARKS
- 14-15 REMOVAL PLANS
- 16-21 PLAN & PROFILES
- 22-23 RIGHT OF WAY PLATS
- 24 TRAFFIC CONTROL PLAN
- 25 INTERSECTION DETAIL
- 26-29 EROSION CONTROL AND DRAINAGE PLANS
- 30-35 PAVEMENT MARKING & SIGNING PLANS & DETAILS
- 36-45 TRAFFIC SIGNAL PLANS
- 46-49 LIGHTING PLANS
- 50-52 SPECIAL DETAILS
- 53 BP PIPELINE DETAIL
- 54-74 CROSS SECTIONS

KENDALL COUNTY
HIGHWAY DEPARTMENT
PROPOSED
ROADWAY IMPROVEMENT PLANS
MFT AND STATE FUNDS
C.H. 11 (RIDGE ROAD) & FAP 607 (US RTE 52)
INTERSECTION IMPROVEMENT
SECTION 19-00152-00-TL
KENDALL COUNTY

ELECTRIC

COMMONWEALTH EDISON
PUBLIC RELOCATIONS DEPT.
ONE LINCOLN CENTRE, SUITE 600
OAKBROOK TERRACE, IL 60181
(630) 437-3381

TELEPHONE

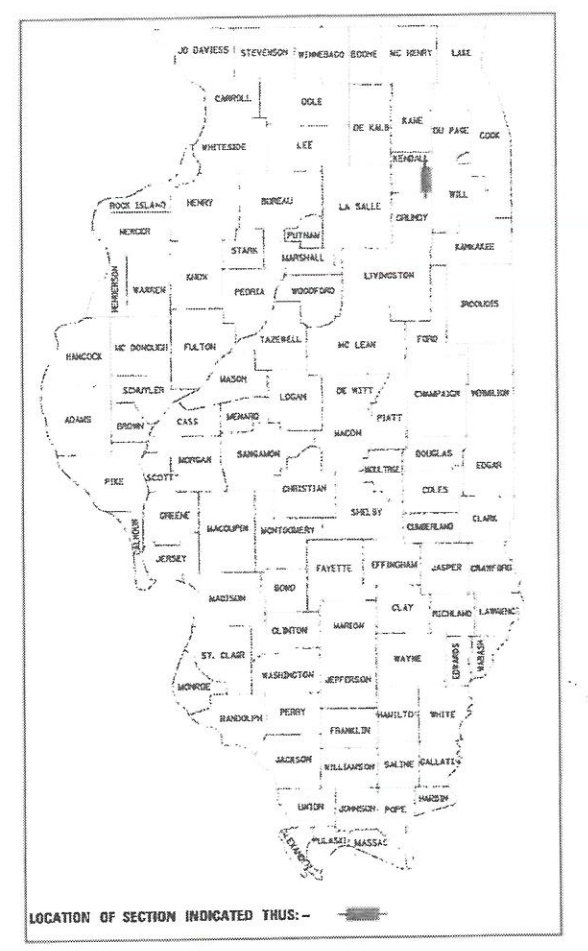
A.T.&T.
ATTN: MR. STEVE PESOLA
1000 COMMERCE DRIVE, FLOOR 2
OAKBROOK, IL 60523
(630) 573-6447

NICOR

ATTN: MR. BRUCE KOPPANG
1844 FERRY RD
NAPERVILLE, IL 60563
(630) 388-3046

BP PIPELINE

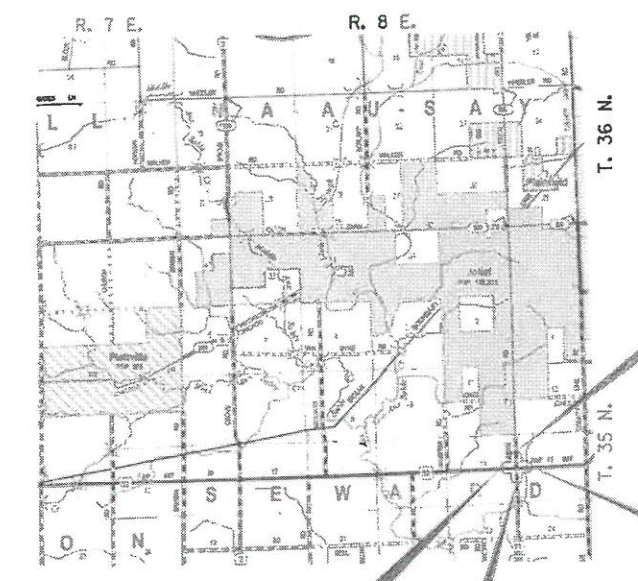
ATTN: MS. SARAH WATSON
30 SOUTH WACKER DRIVE, SUITE 900
CHICAGO, IL 60606
(312) 809-3112



LOCATION OF SECTION INDICATED THUS: -



LOCATION MAP
NOT TO SCALE



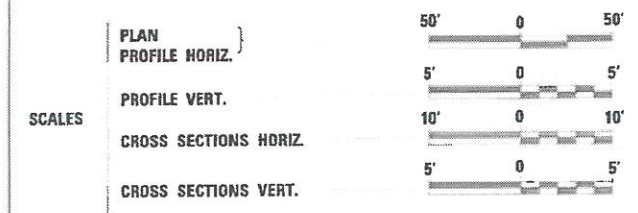
END IMPROVEMENT
CH 11 (RIDGE RD)
STATION 28+53.03

END IMPROVEMENT
FAP 607 (US RTE 52)
STATION 428+53.92

BEGIN IMPROVEMENT
FAP 607 (US RTE 52)
STATION 411+46.98

BEGIN IMPROVEMENT
CH 11 (RIDGE RD)
STATION 11+46.99

CH 11 (RIDGE RD) GROSS LENGTH = 2706.04 FT. = 0.51 MILES
FAP 607 (US RTE 52) GROSS LENGTH = 2706.94 FT. = 0.51 MILES
CH 11 (RIDGE RD) NET LENGTH = 1706.04 FT. = 0.32 MILES
FAP 607 (US RTE 52) NET LENGTH = 1706.94 FT. = 0.32 MILES

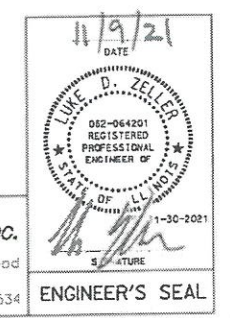


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: LUKE ZELLER
PROJECT MANAGER: DAN MESTELLE

Hutchinson Engineering, Inc.
Jacksonville Moline - Peoria - Shorewood
Since 1945
2020 JOB #4534



APPROVED November 9, 2021
[Signature]
KENDALL COUNTY ENGINEER

PASSED November 9, 2021
[Signature]
DISTRICT THREE ENGINEER OF
LOCAL ROADS & STREETS

Released For
Bid Based on
Limited Review November 9, 2021
[Signature]
REGION TWO ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MODEL Default
FILE NAME: W334 - Ridge Rd-JS 52 - PE 1 - ILLCADDCADD_Sheets\534\ch-gen-note-1.dgn

	USER NAME = BDcCraene	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	CH 11 (RIDGE RD) LIST OF STANDARDS, GENERAL NOTES AND LEGEND				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						CH 11	19-00152-00-TL	KENDALL	74	2
	PLOT SCALE = 2,000 ' / in.	CHECKED -	REVISED -						CONTRACT NO.				
	PLOT DATE = 1/20/2021	DATE -	REVISED -		SCALE: 1"=20'	SHEET 1	OF 5 SHEETS	STA. 150+00	TO STA. 162+00	ILLINOIS FED. AID PROJECT			

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. FIRES WILL NOT BE ALLOWED TO BE BUILT ON THE SITE.

THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS.

THE LOCATIONS OF KNOWN UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE AND DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THESE UTILITIES AND THE EXISTENCE AND LOCATION OF ANY UTILITY NOT SHOWN ON THE PLANS.

THE CONTRACTOR SHALL NOTIFY THE UTILITIES AT LEAST TEN (10) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWER AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.

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.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.

IF ANY LOOSE MATERIAL IS DEPOSITED DURING CONSTRUCTION OPERATIONS IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT IT RESTRICTS THE NATURAL FLOW OF WATER, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM ALL DEBRIS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THIS CONTRACT.

ALL FRAMES, GRATES, SIGNS, FENCES AND DELINEATORS, NEW OR EXISTING, DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

THE COST OF ADDITIONAL LABOR AND MATERIALS NOT ACCOUNTED FOR ON THE PLANS, WHICH MIGHT BE INVOLVED IN CONNECTING EXISTING DRAIN TILE OR STORM SEWERS TO PROPOSED DRAINAGE STRUCTURES, SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

EXISTING PAVEMENT, SIDEWALK, DRIVEWAY PAVEMENT, CURB AND GUTTER AND EXISTING DRAINAGE STRUCTURES NOT INCLUDED IN THE PLANS FOR REMOVAL, BUT DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

THE REMOVAL AND DISPOSAL OF ALL FENCING, DELINEATORS, DEBRIS, BRUSH, RIPRAP, STONE CONCRETE SLABS, TILE, ETC. NOT PAID SPECIFICALLY ON THE PLANS WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

TRAFFIC SIGNS REMOVED MUST BE RESET AT THEIR PERMANENT LOCATIONS IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC ON THE ROADWAY AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL BE RESET BEFORE THE ROADWAY IS OPEN TO TRAFFIC. COST OF SUCH WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

ALL SCHOOL DISTRICTS, LOCAL POLICE DEPARTMENTS AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST TEN (10) DAYS PRIOR TO THE START OF CONSTRUCTION.
* SEE SPECIAL PROVISIONS

DURING THE CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED, AT THEIR EXPENSE, TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS.

TO ENSURE A CLEAN EDGE FOR ALL WIDENING, THE EXISTING EDGE OF PAVEMENT SHALL BE SAW-CUT PRIOR TO PAVEMENT REMOVAL AND/OR EXCAVATION FOR PAVEMENT WIDENING.

GENERAL NOTES

WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

ALL EXISTING CULVERT, STORM SEWERS OR DRAINAGE STRUCTURES MARKED FOR REMOVAL ON THE PLANS OR DESIGNATED IN THE FIELD BY THE ENGINEER TO BE REMOVED SHALL BE REMOVED AND ANY EXCAVATION SHALL BE BACKFILLED WITH A GRANULAR MATERIAL MEETING THE SPECIFICATIONS FOR FA-1 OR FA-2. THE COST OF ALL LABOR AND MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR STORM SEWER REMOVAL OR PIPE CULVERT UNLESS REMOVAL PAID FOR AS A SPECIFIC ITEM. SEE SPECIAL PROVISIONS.

ALL EXISTING GRANULAR MATERIAL AND HOT-MIX ASPHALT MATERIALS TO BE REMOVED AND NOT PAID AS A SPECIFIC ITEM SHALL BE CONSIDERED EARTH EXCAVATION AND WILL BE PAID FOR AT THE UNIT PRICE FOR EARTH EXCAVATION. THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING THE EXISTING HOT-MIX ASPHALT MATERIAL BY GRINDING OR EXCAVATING THE MATERIAL. IF THE HOT-MIX ASPHALT MATERIAL IS REMOVED BY EXCAVATION, NO SUCH MATERIAL MAY BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER.

THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENTS, NOT SCHEDULED TO BE REMOVED, WITH LOADED SCRAPERS.

ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING SUB-BASE GRANULAR MATERIAL.

UTILITY POLES, PEDESTALS AND MANHOLES TO REMAIN IN PLACE SHALL NOT BE DISTURBED BY THE CONTRACTOR. FINISHING AROUND THESE POLES, PEDESTALS OR MANHOLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

SAW CUT CONSTRUCTION JOINTS SHALL BE PROVIDED AT PAVED COMMERCIAL OR PRIVATE ENTRANCES AND AT ALL SIDE ROADS. THIS SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.

THE MAXIMUM COMPACTED THICKNESS OF A LIFT OF BASE COURSE WILL BE 4" UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.

ADJUSTMENTS OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY MAINTAINING THE SYSTEM OF THE STRUCTURE INVOLVED.

ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS OR DITCHES AS DIRECTED BY THE ENGINEER.

ALL CLEARING, REMOVAL OF BUSHES, HEDGES AND TREES UNDER 6" DIAMETER WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDDED WILL BE DETERMINED BY THE ENGINEER.

TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION. THE LOCATIONS OF TOPSOIL TO BE STOCKPILED WITHIN THE RIGHT-OF-WAY MUST BE APPROVED BY THE ENGINEER.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:			
GRANULAR MATERIALS-----	2.05	TONS/CU YD	
BITUMINOUS MATERIALS PRIME COAT-----	0.25	LBS/SQ FT OR	
	0.05	LBS/SQ FT OR	
	0.025	LBS/SQ FT	
HOT-MIX ASPHALT SURFACE COURSE-----	112	LBS/SQ YD/INCH	
HOT-MIX ASPHALT BINDER COURSE-----	112	LBS/SQ YD/INCH	
NITROGEN FERTILIZER NUTRIENT-----	60	LBS/ACRE (SODDING)	90 LBS/ACRE (SEEDING)
PHOSPHORUS FERTILIZER NUTRIENT-----	60	LBS/ACRE (SODDING)	90 LBS/ACRE (SEEDING)
POTASSIUM FERTILIZER NUTRIENT-----	60	LBS/ACRE (SODDING)	90 LBS/ACRE (SEEDING)
SHORT TERM PAVEMENT MARKING-----	10	FT/100 FT OF FINAL APPLICATION	

LEGEND	
	TREE (TO BE REMOVED)
	PROPOSED DITCH FLOW
	PROPOSED AGGREGATE ENTRANCE
	PROPOSED HOT-MIX ASPHALT ENTRANCE
	HOT-MIX ASPHALT SURFACE REMOVAL

LIST OF STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-03	METAL FLARED END SECTION FOR PIPE CULVERTS
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602401-06	PRECAST MANHOLE TYPE A 4' (1.22m) DIAMETER
602701-02	MANHOLE STEPS
604001-04	FRAMES AND LIDS TYPE 1
666001-01	RIGHT OF WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15'-24' FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRIC SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
875001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
877012-07	STEEL COMB. MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTOR LOOPS
B.L.R. 18-6	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE

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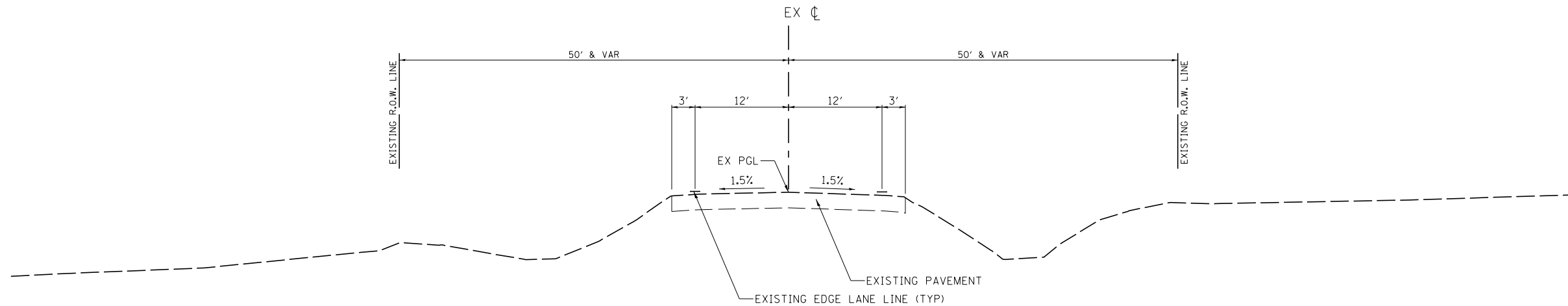
SUMMARY OF QUANTITIES					
ITEM NO.	SPECIALTY ITEM &/OR SPECIAL PROVISION	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
1		20200100	EARTH EXCAVATION	CU YD	4356
2		20400800	FURNISHED EXCAVATION	CU YD	794
3		20800150	TRENCH BACKFILL	CU YD	111
4		21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1848
5		25000210	SEEDING, CLASS 2A	ACRE	2.75
6		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	250
7		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	250
8		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	250
9	SP	25100115	MULCH, METHOD 2	ACRE	2.75
10		25100630	EROSION CONTROL BLANKET	SQ YD	13310
11		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2450
12		28000305	TEMPORARY DITCH CHECKS	FOOT	560
13	SP	28000400	PERIMETER EROSION BARRIER	FOOT	1210
14		28000500	INLET AND PIPE PROTECTION	EACH	7
15		31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	7996
16		35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	104
17		35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SQ YD	7280
18	SP	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	177
19	SP	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	220
20		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	9204
21		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	625
22	BDE	40603218	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	1294
23	BDE	40603235	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	653
24	BDE	40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1552
25		40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	18
26		44000100	PAVEMENT REMOVAL	SQ YD	1009
27		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	72
28		44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	55
29		44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	15
30	SP	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	6489
31	SP	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	2054
32	SP	50105220	PIPE CULVERT REMOVAL	FOOT	396
33		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1
34		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2
35		54214503	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EACH	2
36		54262715	METAL FLARED END SECTIONS 15"	EACH	4
37		54262718	METAL FLARED END SECTIONS 18"	EACH	4
38		542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	64
39		542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	74
40		542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	80

ITEM NO.	SPECIALTY ITEM &/OR SPECIAL PROVISION	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
41		550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	70
42		550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	146
43	SP	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
44		60500040	REMOVING MANHOLES	EACH	1
45		70107025	CHANGEABLE MESSAGE SIGN	CAL DA	140
46		70300100	SHORT TERM PAVEMENT MARKING	FOOT	14982
47		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2501
48	SI	72000100	SIGN PANEL - TYPE 1	SQ FT	141
49	SI	72000200	SIGN PANEL - TYPE 2	SQ FT	94
50		72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	11
51		72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	13
52		72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	5
53		72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2
54		73000100	WOOD SIGN SUPPORT	FOOT	396
55	SI	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	375.0
56	SI	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	23560
57	SI	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	390
58	SI	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2403
59	SI	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	522
60	SI	78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	FOOT	160
61	SI	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	108
62	SI	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	44
63	SI, SP	80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
64	SI	81022100	CONDUIT ENCASED IN CONCRETE, 2" DIA., PVC	FOOT	25
65	SI	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	17
66	SI	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	349
67	SI	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1513
68	SI	81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	63
69	SI	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	113
70	SI	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA	FOOT	16
71	SI	81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	24
72	SI, SP	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	7
73	SI, SP	81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
74	SI	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1800
75	SI, SP	82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4
76	SI, SP	86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
77	SI	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1875
78	SI	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	970
79	SI	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3370
80	SI	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	40

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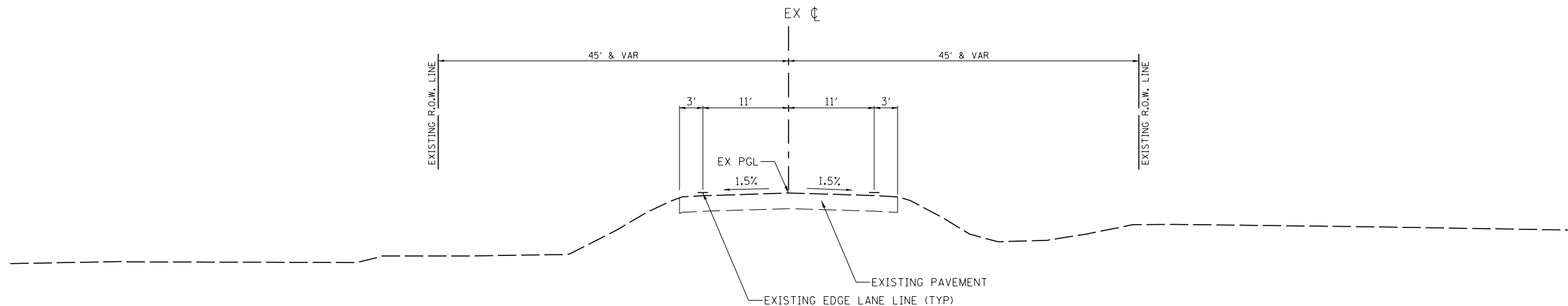
USER NAME = BDeCrane	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	CH 11 (RIDGE RD) SUMMARY OF QUANTITIES					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -							CH 11	19-00152-00-TL	KENDALL	74	4
PLOT SCALE = 2,000 ' / in.	CHECKED -	REVISED -							CONTRACT NO.				
PLOT DATE = 1/20/2021	DATE -	REVISED -		SCALE: N/A	SHEET 2	OF 2	SHEETS	STA. N/A	TO STA. N/A				

MODEL: Default
FILE NAME: V:\4534 - Ridge Rd.-JUS 52 PE I + II\CADD\CADD Sheets\4534-sht-SOQ-2.dgn



CH 11 (RIDGE RD)

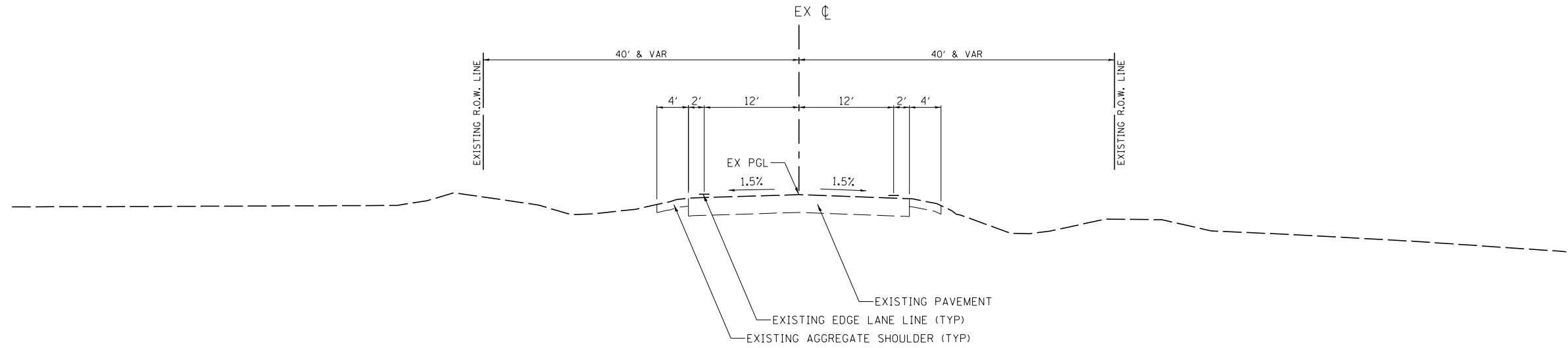
STA. 5+00.00 TO STA 20+00.00



CH 11 (RIDGE RD)

STA. 20+00.00 TO STA 35+00.00

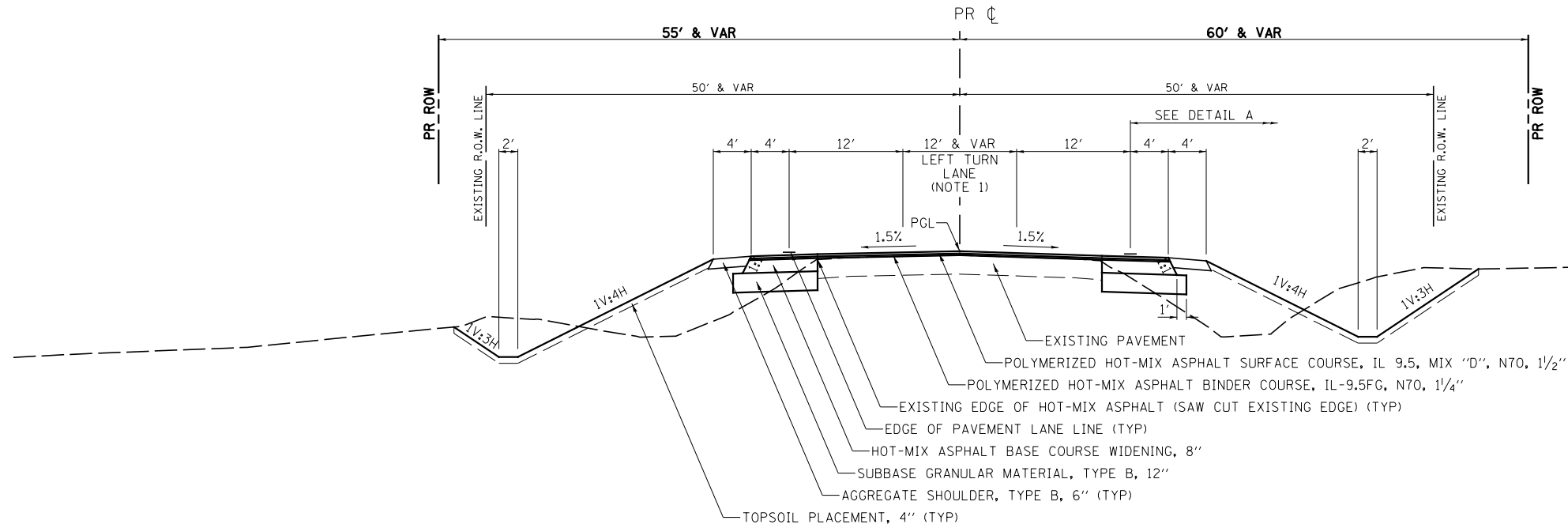
USER NAME = BDeGraene	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	CH 11 (RIDGE RD) EXISTING TYPICAL SECTION				RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 16,000' / in.	DRAWN -	REVISED -						CH 11	19-00152-00-TL	KENDALL	74	5
PLOT DATE = 1/20/2021	CHECKED -	REVISED -		CONTRACT NO.								
	DATE -	REVISED -		SCALE: N/A	SHEET 1 OF 2 SHEETS	STA. N/A TO STA. N/A	ILLINOIS FED. AID PROJECT					



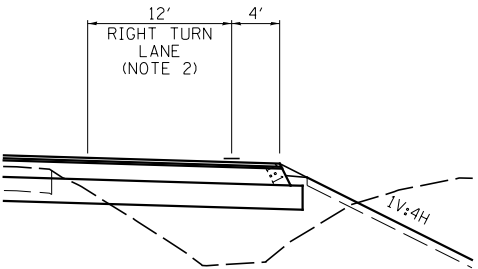
EXISTING TYPICAL SECTION 3
US ROUTE 52
STA. 405+00.00 TO STA 435+00.00

MODEL Default
FILE Name: \\s34 - Ridge Rd-US 52 - PE 1 - ILLCADD\CADD_Sheets\534\stc-typcal2.dgn

	USER NAME = BDeCrane	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	US ROUTE 52 EXISTING TYPICAL SECTION			RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					CH 11	19-00152-00-TL	KENDALL	74	6
	PLOT SCALE = 16.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO.				
	PLOT DATE = 1/20/2021	DATE -	REVISED -		SCALE: N/A	SHEET 2	OF 2 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED. AID PROJECT _____		

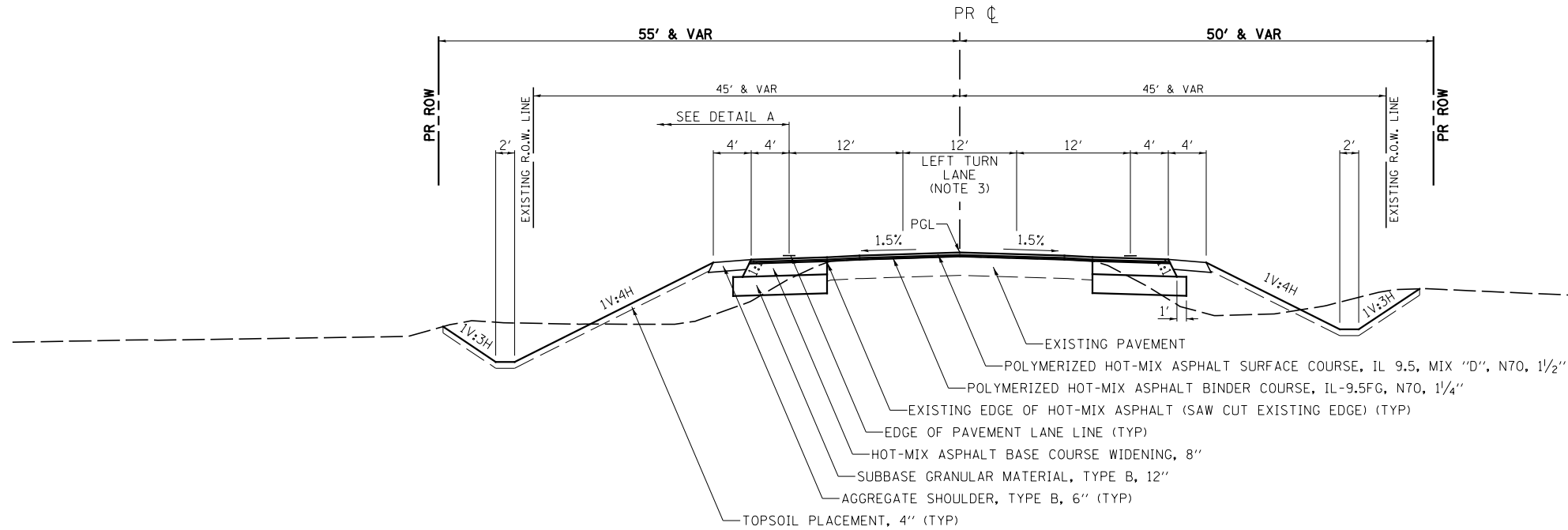


PROPOSED TYPICAL SECTION 1
CH 11 (RIDGE RD)
STA. 12+07.00 TO STA 20+00.00



DETAIL A
STA. 15+07.00 TO STA 20+00.00 (RT)
STA. 20+00.00 TO STA 24+93.00 (LT)

- NOTES:
- VARIES FROM 0' AT STA. 12+07.00 TO 12' AT STA. 15+07.00.
 - VARIES FROM 0' AT STA. 15+07.00 TO 12' AT STA. 16+87.00.
VARIES FROM 12' AT STA. 23+13.00 TO 0' AT STA. 24+93.00.
 - VARIES FROM 12' AT STA. 24+93.00 TO 0' AT STA. 27+93.00.



PROPOSED TYPICAL SECTION 2
CH 11 (RIDGE RD)
STA. 20+00.00 TO STA 27+93.00

MODEL Default
FILE Name: V:\1534 - Ridge Rd-US 52 - PE 1 - ILLCADD\CADD_Sheets\1534-Ridge Rd-US 52.dgn

USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 16.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

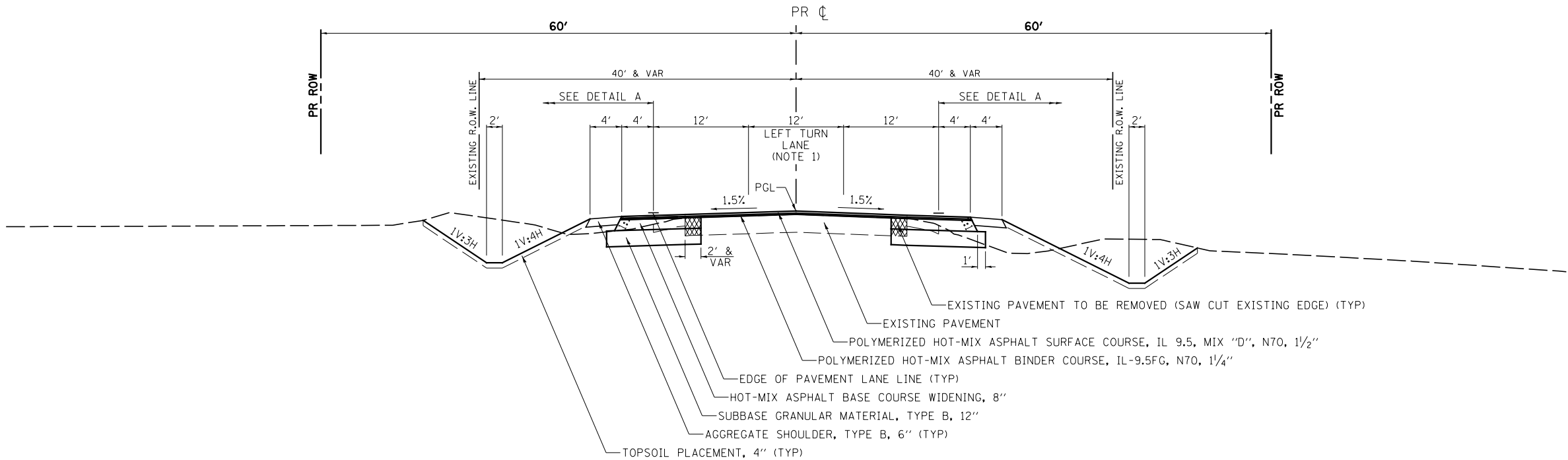
KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD)
PROPOSED TYPICAL SECTION

SCALE: N/A SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A

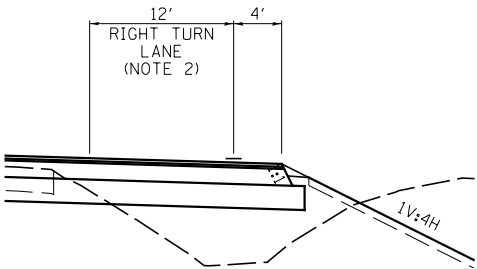
RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	7
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

- NOTES:
- VARIES FROM 0' AT STA. 412+07.00 TO 12' AT STA. 415+07.00.
VARIES FROM 12' AT STA. 423+13.92 TO 0' AT STA. 424+93.92.
 - VARIES FROM 0' AT STA. 415+07.00 TO 12' AT STA. 416+87.00.
VARIES FROM 12' AT STA. 424+93.92 TO 0' AT STA. 427+93.92.



PROPOSED TYPICAL SECTION 3
US ROUTE 52

STA. 412+07.00 TO STA 427+93.92



DETAIL A

STA. 415+07.00 TO STA 420+00.00 (RT)
STA. 420+00.00 TO STA 424+93.92 (LT)

HOT-MIX ASPHALT MIXTURE REQUIREMENT TABLE					
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE	HMA BINDER FG	HMA BINDER	HMA BASE CSE WIDENING 8"	INCIDENTAL HMA
BINDER GRADE (PG):	SBS PG 70-28	SBS PG 70-28	SBS PG 70-28	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-9.5FG	IL-19.0	IL-19.0	IL-9.5
FRICTION AGGREGATE:	MIXTURE D	N/A	N/A	N/A	N/A
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA	QCQA	QCQA
DENSITY TEST METHOD:	CORES	CORES	CORES	CORES	SATISFACTION OF ENGINEER

MODEL Default
FILE Name: V:\1534 - Ridge Rd-US 52 - PE 1 - IL\CADD\CADD_Sheets\1534\AshtTypical.dgn

USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 16.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**US ROUTE 52
PROPOSED TYPICAL SECTION**

SCALE: N/A SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	8
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE NAME: V01534 - Ridge Rd-US 52 - PE 1 - ILLCADD\CADD_Sheets\534\Inch-schedule-1.dgn

EARTHWORK									
1		2	3	4	5	6	7	8	
LOCATION		EARTH EXCAVATION	SUITABLE EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTH BALANCE WASTE(+) OR SHORTAGE(-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	TOPSOIL BALANCE WASTE(+) OR SHORTAGE(-)	
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
CH 11 (RIDGE RD)									
11+47	TO	19+66	1130	848	1905	-1057	614	495	119
20+34	TO	28+53	731	548	1428	-880	638	389	249
US RTE 52									
411+47	TO	420+00	1032	774	413	361	259	256	3
420+00	TO	428+54	1463	1097	315	783	338	303	35
TOTAL			4356	3267	4061	-794	1848	1443	406
USE PAY ITEM TOTALS BELOW									
INFORMATION: SHRINKAGE FACTORS: EARTH EXCAVATION: 25% C = CUT (FROM CROSS SECTIONS) TSE = TOPSOIL EXCAVATION (FROM CROSS SECTIONS) COLUMN 1 - LOCATION FROM PLANS COLUMN 2 - CUT QUANTITIES FROM CROSS SECTIONS (C) COLUMN 3 - = (COLUMN 2) x (1-EARTH EXCAVATION SHRINKAGE FACTOR) COLUMN 4 - QUANTITIES FROM CROSS SECTIONS COLUMN 5 - = COLUMN 3 - COLUMN 4 COLUMN 6 - TOPSOIL EXCAVATION QUANTITIES FROM CROSS SECTIONS (TSE) COLUMN 7 - QUANTITIES FROM CROSS SECTIONS COLUMN 8 - = COLUMN 6 - COLUMN 7 PAY ITEMS: COLUMN #2 IS EARTH EXCAVATION = 4356 CU YD COLUMN #5 IS FURNISHED EXCAVATION = 794 CU YD COLUMN #6 IS TOPSOIL EXCAVATION & PLACEMENT = 1848 CU YD NOTES: 1. AREAS OF TOPSOIL EXCAVATION SHALL BE THE TOP 12 INCHES OF THE EXISTING SOILS AS SHOWN IN THE CROSS SECTIONS. TOPSOIL EXCAVATION, TOPSOIL HAULING, TOPSOIL STOCKPILING, TOPSOIL PLACEMENT, AND TOPSOIL SURPLUS REMOVAL PER ARTICLE 202.03 SHALL ALL BE INCLUDED IN THE COST OF THE TOPSOIL EXCAVATION AND PLACEMENT PAY ITEM. 2. TOPSOIL PLACEMENT SHALL BE MINIMUM 4 INCHES AT ALL PLAN LOCATIONS.									

PERIMETER EROSION BARRIER				
STATION	TO	STATION	SIDE	LENGTH FOOT
CH 11 (RIDGE RD)				
14+93	TO	15+53	RT	60
15+64	TO	16+24	LT	60
18+00	TO	19+66	LT	165
18+00	TO	19+66	RT	147
20+34	TO	21+55	LT	106
20+34	TO	22+00	RT	162
US RTE 52				
414+54	TO	415+14	LT	60
414+96	TO	415+56	RT	60
418+00	TO	420+00	LT	116
418+00	TO	420+00	RT	105
420+00	TO	422+00	LT	105
420+00	TO	421+47	RT	64
TOTAL				1210
PERIMETER EROSION BARRIER IS SILT FENCE.				

STUMP REMOVAL			
LOCATION		6 TO 15 UNITS DIAMETER	OVER 15 UNITS DIAMETER
STATION	OFFSET		
US RTE 52			
416+09	37' RT	14	
416+11	36' RT	8	
416+98	40' RT	15	
416+98	40' RT	15	
416+98	40' RT	15	
416+98	40' RT	15	
417+00	39' RT		18
417+00	39' RT		18
417+00	39' RT		18
SUB-TOTAL		82	54
TOTAL		136	

INLET AND PIPE PROTECTION		
STATION	OFFSET	EACH
CH 11 (RIDGE RD)		
21+85	48' LT	1
US RTE 52		
419+02	36' LT	1
421+09	39' LT	1
421+80	37' RT	1
422+74	36' RT	1
425+28	38' RT	1
426+91	34' LT	1
TOTAL		7

SEEDING, EROSION CONTROL BLANKET & NUTRIENTS								
LOCATION				SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET
STATION +/-	TO	STATION +/-	SIDE	ACRE	POUND	POUND	POUND	SQ YD
CH 11 (RIDGE RD)								
11+47	TO	19+00	LT	0.41	37	37	37	1985
11+47	TO	19+00	RT	0.41	37	37	37	1985
21+00	TO	28+53	RT	0.29	27	27	27	1404
21+00	TO	21+55	LT	0.03	3	3	3	146
21+74	TO	28+53	LT	0.30	27	27	27	1452
US RTE 52								
411+47	TO	419+66	LT	0.29	27	27	27	1404
411+47	TO	419+69	RT	0.30	27	27	27	1452
420+31	TO	427+04	LT	0.29	27	27	27	1404
420+34	TO	421+47	RT	0.09	9	9	9	436
421+71	TO	422+47	RT	0.03	3	3	3	146
422+68	TO	424+22	RT	0.06	6	6	6	291
424+39	TO	425+15	RT	0.04	4	4	4	194
425+31	TO	428+54	RT	0.13	12	12	12	630
427+17	TO	428+54	LT	0.04	4	4	4	194
TOTAL				2.71	250	250	250	13123
USE				2.75	250	250	250	13310

TEMPORARY EROSION CONTROL SEEDING								
STATION +/-	TO	STATION +/-	SIDE	TEMP SEED	POUNDS PER APPLICATION PER ACRE	NUMBER OF APPLICATIONS	TOTAL	MULCH, METHOD 2
				ACRES			POUND	ACRE
CH 11 (RIDGE RD)								
11+47	TO	19+00	LT	0.41	100	9	369	0.41
11+47	TO	19+00	RT	0.41	100	9	369	0.41
21+00	TO	28+53	RT	0.29	100	9	261	0.29
21+00	TO	21+55	LT	0.03	100	9	27	0.03
21+74	TO	28+53	LT	0.30	100	9	270	0.30
US RTE 52								
411+47	TO	419+66	LT	0.29	100	9	261	0.29
411+47	TO	419+69	RT	0.30	100	9	270	0.30
420+31	TO	427+04	LT	0.29	100	9	261	0.29
420+34	TO	421+47	RT	0.09	100	9	81	0.09
421+71	TO	422+47	RT	0.03	100	9	27	0.03
422+68	TO	424+22	RT	0.06	100	9	54	0.06
424+39	TO	425+15	RT	0.04	100	9	36	0.04
425+31	TO	428+54	RT	0.13	100	9	117	0.13
427+17	TO	428+54	LT	0.04	100	9	36	0.04
TOTAL							2439	2.71
USE							2450	2.75

MULCH METHOD 2 IS USED FOR TEMPORARY MULCHING

TEMPORARY DITCH CHECKS		
LOCATION		LENGTH
STATION	OFFSET	FOOT
C.H. 11 (RIDGE RD.)		
12+00	37' LT	10
12+00	37' RT	10
13+00	41' LT	10
13+00	38' RT	10
14+00	44' LT	10
14+00	38' RT	10
15+00	45' LT	10
15+00	40' RT	10
16+00	43' LT	10
16+00	43' RT	10
17+00	43' LT	10
17+00	47' RT	10
18+00	44' LT	10
18+00	46' RT	10
19+00	58' LT	10
19+00	46' RT	10
21+00	49' LT	10
21+00	52' RT	10
22+00	48' LT	10
22+00	37' RT	10
23+00	48' LT	10
23+00	38' RT	10
24+00	46' LT	10
24+00	38' RT	10
25+00	43' LT	10
25+00	38' RT	10
26+00	42' LT	10
26+00	38' RT	10
27+00	40' LT	10
27+00	35' RT	10
28+00	37' LT	10
28+00	33' RT	10
US RTE 52		
412+00	30' LT	10
412+00	34' RT	10
413+00	31' LT	10
413+00	35' RT	10
414+00	32' LT	10
414+00	35' RT	10
415+00	37' RT	10
416+00	32' LT	10
416+00	39' RT	10
417+00	33' LT	10
417+00	43' RT	10
418+00	36' LT	10
418+00	46' RT	10
422+00	47' LT	10
423+00	43' LT	10
423+00	35' RT	10
424+00	39' LT	10
425+00	35' LT	10
425+00	37' RT	10
426+00	33' LT	10
426+00	40' RT	10
427+00	40' RT	10
428+00	35' LT	10
428+00	48' RT	10
TOTAL		560

USER NAME = BDeGraene	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD)
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 1 OF 4 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	9
CONTRACT NO.				
	ILLINOIS	FED. AID PROJECT		

MODEL Default
FILE Name: V01534 - Ridge Rd-US 52 - PE 1 - ILICADD-CADD_Sheets\534\AshtcrSchedule-2.dgn

PAVEMENT										
LOCATION			AGGREGATE SUBGRADE IMPROVEMENT 12"	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	AGGREGATE SHOULDERS, TYPE B 6"	LONGITUDINAL JOINT SEALANT
STATION	TO	STATION	SQ YD	SQ YD	POUND	TON	TON	TON	SQ YD	FOOT
CH 11 (RIDGE RD)										
11+46.99	TO	19+66.03	2158	1969	2221	323	189	387	500	2376
20+33.74	TO	28+53.03	2264	2075	2154	321	436	385	504	2377
US RTE 52										
411+46.98	TO	420+00.00	1791	1622	2398	325	23	390	537	2512
420+00.00	TO	428+53.92	1783	1614	2407	325	5	390	513	2516
TOTAL										
			7996	7280	9180	1294	653	1552	2054	9781

STRIP REFLECTIVE CRACK CONTROL TREATMENT					
STATION +/-		TO	STATION +/-	SIDE	FOOT
CH 11 (RIDGE RD)					
11+47.0	TO	19+66.0	LT		831
11+47.0	TO	19+66.0	RT		847
20+33.7	TO	28+53.0	LT		845
20+33.7	TO	28+53.0	RT		834
US RTE 52					
411+47.0	TO	420+00.0	LT		783
411+47.0	TO	420+00.0	RT		788
420+00.0	TO	428+53.9	LT		794
420+00.0	TO	428+53.9	RT		767
TOTAL					
					6489

DRIVEWAY PAVEMENT REMOVAL				
LOCATION		TYPE	HOT-MIX ASPHALT	
			STATION	SIDE
			SQ YD	
US RTE 52				
424+30.2	RT	PE	72	
SUB-TOTAL			72	
TOTAL			72	

AGGREGATE FOR TEMPORARY ACCESS							
LOCATION		TYPE	WIDTH	LENGTH	THICKNESS	TON	
STATION	SIDE		FOOT				
CH 11 (RIDGE RD)							
21+64.7	LT	FE	20	44	0.75	51	
US RTE 52							
421+59.3	RT	PE	24	32	0.75	44	
422+57.3	RT	PE	21	33	0.75	40	
424+30.4	RT	PE	17	31	0.75	31	
425+23.2	RT	FE	16	31	0.75	29	
427+10.6	LT	FE	14	31	0.75	25	
						TOTAL	220

REMOVAL OF THE TEMPORARY AGGREGATE IS TO BE CONSIDERED INCLUDED IN THE COST OF AGGREGATE FOR TEMPORARY ACCESS.

LENGTHS MAY VARY DUE TO FIELD REQUIREMENTS.
WIDTHS OF ENTRANCES SHOULD MATCH EXISTING ENTRANCES.

PAVEMENT REMOVAL			
LOCATION			AREA
STATION +/-	TO	STATION +/-	SQ YD
CH 11 (RIDGE RD)			
11+47	TO	19+66	58
20+34	TO	28+53	74
US RTE 52			
411+47	TO	420+00	427
420+00	TO	428+54	450
TOTAL			1009

CLASS D PATCHES				
STATION +/-		SIDE	TYPE II 13 INCH SQ YD	TYPE III 13 INCH SQ YD
US RTE 52				
419+02.0	LT		10	
419+02.0	RT		6	
419+68.7	RT		7	
419+77.1	LT		7	
420+20.6	RT		9	
420+28.9	LT		7	
421+09.6	LT		9	
421+09.6	RT			15
TOTAL				
			55	15

PIPE CULVERT REMOVAL						
STATION +/-	SIDE	15" CMP	18" CMP	18" RCP	24" RCP	TRENCH BACKFILL
		FOOT				CU YD
CH 11 (RIDGE RD)						
21+66.8	29.1' LT		41			16
US RTE 52						
419+41.1	52.3' RT			10		1
419+45.9	53.9' LT			4		1
420+80.9	50.2' RT			66		
421+10.3	X-RD				66	28
421+32.1	35.5' RT				43	4
422+59.0	24.5' RT	33				6
424+30.1	25.1' RT	25				6
425+44.8	26.7' RT	59				6
427+07.7	29.5' LT		49			6
SUB-TOTAL		117	90	80	109	74
TOTAL		396				74
NOTE: END SECTION REMOVAL WILL BE INCLUDED IN THE COST OF PIPE CULVERT REMOVAL.						

ENTRANCES						
LOCATION			AGGREGATE BASE COURSE, TYPE B 8"	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING
STATION	SIDE	TYPE	SQ YD	TON	POUND	TON
CH 11 (RIDGE RD)						
21+64.7	LT	FE		35		
US RTE 52						
421+59.3	RT	FE		37		
422+57.3	RT	PE	57		13	10
424+30.4	RT	PE	47		11	8
425+47.7	RT	FE		60		
427+10.6	LT	FE		45		
TOTAL						
			104	177	24	18

PIPE CULVERTS								
LOCATION		PIPE CULVERTS			PRC FLARED END SECTIONS EQRS 18''	METAL FLARED END SECTIONS 15''	METAL FLARED END SECTIONS 18''	TRENCH BACKFILL
		CLASS A	CLASS D					
		TYPE 1 EQRS 18''	TYPE 1 15''	TYPE 1 18''				
STATION	SIDE	FOOT	FOOT	FOOT	EACH	EACH	EACH	CU YD
CH 11 (RIDGE RD)								
21+64.70	LT			40			2	
US RTE 52								
419+02.00	X-RD	64			2			17
422+57.29	RT		34			2		2
425+47.66	RT		40			2		
427+10.60	LT			40			2	
TOTAL		64	74	80	2	4	4	19

	USER NAME = BDeGraene	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	CH 11 (RIDGE RD) SCHEDULE OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					CH 11	19-00152-00-TL	KENDALL	74	10
	PLOT SCALE = 2,000 ' / in.	CHECKED -	REVISED -					CONTRACT NO.				
	PLOT DATE = 1/20/2021	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE: N/A		SHEET 2	OF 4	SHEETS	STA. N/A	TO STA. N/A						

MODEL Default
FILE Name: V01534 - Ridge Rd-US 52 - PE 1 + ILLCADD\CADD_Sheets\534\Asht-schedule-3.dgn

SHORT-TERM PAVEMENT MARKING								
STATION	TO	STATION	SOLID	SKIP DASH	SOLID	SKIP DASH	SOLID	DOUBLE
			WHITE	WHITE	WHITE	YELLOW	YELLOW	YELLOW
			TURN ARROW	TURN LANE	STOP BAR	CENTERLINE	MEDIAN	MEDIAN
FOOT								
CH 11 (RIDGE RD)								
6+47	TO	20+00	120	97	40	50	131	1323
20+00	TO	33+53	120	97	40	0	131	1823
RIDGE RD SUB-TOTAL			240	194	80	50	262	3146
2 APPLICATIONS			480	388	160	100	524	6292
US RTE 52								
406+47	TO	420+00	120	97	40	50	131	1323
420+00	TO	433+54	120	96	40	50	129	1323
US RTE 52 SUB-TOTAL			240	193	80	100	260	2646
2 APPLICATIONS			480	386	160	200	520	5292
SUB-TOTAL			960	774	320	300	1044	11584
TOTAL			14982					

SIGNING REMOVAL AND RELOCATE						
STATION	SIDE	SIGN DESCRIPTION	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B	REMOVE SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL ASSEMBLY - TYPE A
			EACH		SQ FT	EACH
CH 11 (RIDGE RD)						
11+95	21.9' RT	STOP AHEAD + ROUTE 52 AHEAD	1			
11+95	22.7' LT	STOP AHEAD	1			
17+27	24.6' LT	COUNTY HW ROUTE 11				1
19+70	19.9' RT	STOP SIGN		1		
19+72	30.0' LT	STOP SIGN		1		
20+27	27.9' RT	STOP SIGN		1		
20+31	22.3' LT	STOP SIGN		1		
22+85	25.6' RT	COUNTY HW ROUTE 11				1
26+89	21.7' LT	NO PASSING ZONE	1			
27+94	21.1' RT	STOP AHEAD	1			
27+94	22.3' LT	STOP AHEAD + ROUTE 52 AHEAD	1			
SEE NOTE 1	LT	SPEED LIMIT 55			5	
US RTE 52						
414+03	23.5' RT	STOP SIGN AHEAD + RIDGE RD AHEAD + SIGNAL HEAD	1			
414+03	24.7' LT	STOP SIGN AHEAD + US 52 WEST ROUTE SIGN		1		
417+85	30.5' RT	DESTINATION SIGN (MINOOKA)	1			
419+40	48.5' RT	STOP SIGN		1		
419+49	60.5' LT	STOP SIGN		1		
419+69	24.0' RT	STOP SIGN		1		
419+75	31.3' LT	STOP SIGN		1		
420+25	30.0' RT	STOP SIGN		1		
420+28	23.1' LT	STOP SIGN		1		
420+52	59.0' RT	STOP SIGN		1		
420+58	54.1' LT	STOP SIGN		1		
422+06	23.9' RT	US 52 EAST ROUTE SIGN	1			
422+62	32.5' LT	DESTINATION SIGN (MINOOKA)	1			
425+99	23.4' LT	STOP SIGN AHEAD + RIDGE RD AHEAD + SIGNAL HEAD	1			
425+99	24.4' RT	STOP SIGN AHEAD	1			
TOTAL			11	13	5	2
NOTE 1: SOUTHBOUND 55 MPH SIGN PANEL LOCATED 700' SOUTH OF BLACK ROAD TO BE REMOVED AND REPLACED WITH 45 MPH SIGN PANEL.						

STORM SEWER								
STATION	SIDE	TYPE	TRENCH BACKFILL	STORM SEWERS, CLASS A		PRC FLARED END SECTIONS		MANHOLE
				TYPE 1		18"	24"	TY A 4'-DIA
				18"	24"			TYPE 1 FRAME, CL LTD
			CU YD	FOOT	EACH	EACH		
US RTE 52								
421+09.00	39.0' LT.	END SECTION					1	
		SS	18		78			
421+09.00	40.5' RT.	MANHOLE						1
		SS			68			
420+53.87	81.4' RT.	END SECTION					1	
421+80.00	37.2' RT.	END SECTION				1		
		SS		70				
TOTAL			18	70	146	1	2	1

REMOVING MANHOLES		
STATION +/-	OFFSET	EACH
US RTE 52		
421+11	38.1' RT	1
TOTAL		1

SHORT TERM PAVEMENT MARKING REMOVAL				
			WHITE	YELLOW
			SQ FT	
CH 11 (RIDGE RD)				
6+47	TO	20+00	86	502
20+00	TO	33+53	86	501
US RTE 52				
406+47	TO	420+00	86	502
420+00	TO	433+54	86	652
SUB-TOTAL			344	2157
TOTAL			2501	

SIGN PANEL AND SIGN SUPPORTS					
LOCATION		SIGN DESIGNATION	SIGN PANEL	SIGN PANEL	WOOD SIGN SUPPORT
			TYPE 1	TYPE 2	
STATION	SIDE		SQ FT		FOOT
CH 11 (RIDGE RD)					
SEE NOTE 1	RT	W3-5	9.00		15.2
6+47	LT	W14-3		10.67	15.0
		R2-1	7.50		
	RT	R2-1	7.50		14.0
11+77	RT	W3-3	9.00		17.0
		W16-8	1.88		
16+87	RT	R3-8b		10.00	27.0
23+13	LT	R3-8b		10.00	27.0
28+22	LT	W3-3	9.00		17.0
		W16-8	1.88		
		W14-3		10.67	
33+53	LT	R2-1	7.50		14.0
	RT	R2-1	7.50		15.0
		W14-3		10.67	
SEE NOTE 2	LT	R2-1	7.50		14.9
US RTE 52					
406+47	LT	W14-3		10.67	15.0
411+78	RT	W3-3	9.00		17.0
		W16-8	1.88		
414+50	LT	R2-1	7.50		14.0
416+87	RT	R3-8b		10.00	27.0
417+90	RT	D1-1	1.88		23.6
418+00	LT	M1-4	4.00		14.0
		M3-2	2.00		
422+80	LT	D1-1	1.88		23.6
422+30	RT	M1-4	4.00		14.0
		M3-2	2.00		
423+14	LT	R3-8b		10.00	27.0
426+00	RT	R2-1	7.50		14.0
428+23	LT	W3-3	9.00		15.0
		W16-8	1.88		
433+54	RT	W14-3		10.67	15.0
TOTAL			120.78	93.35	395.3
USE			121	94	396
NOTE 1: NORTHBOUND REDUCED SPEED LIMIT AHEAD SIGN (45 MPH) TO BE PLACED 700 FT SOUTH OF PROPOSED NORTHBOUND R2-1 SIGN PANEL LOCATED AT STA 6+47.					
NOTE 2: SOUTHBOUND 55 MPH SIGN PANEL LOCATED 700' SOUTH OF BLACK ROAD TO BE REMOVED AND REPLACED WITH 45 MPH SIGN PANEL. NECESSARY QUANTITY IS INCLUDED IN FINAL TOTAL ABOVE.					

	USER NAME = BDcraene	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 2,000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/20/2021	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD)
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 3 OF 4 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	11
CONTRACT NO.				
		ILLINOIS	FED. AID PROJECT	

MODEL Default
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PAVEMENT MARKING											
STATION	TO	STATION	THERMOPLASTIC PAVEMENT MARKING								PREFORMED PLASTIC PAVEMENT MARKING, TYPE B
			LETTERS & SYMBOLS	4"			6"	8"		12"	24"
				SOLID	DOUBLE	SOLID	SKIP DASH	SOLID	DOTTED	SOLID	SOLID
				WHITE	YELLOW	YELLOW	YELLOW	WHITE	WHITE	YELLOW	WHITE
				TURN ARROW	EOP	MEDIAN	MEDIAN	MEDIAN	LANE LINE	LANE LINE	DIAG
SQ FT			FOOT								
CH 11 (RIDGE RD)											
6+47.0	TO	20+00.0	93.6	2621	2645	500	130	481	120	131	40
20+00.0	TO	33+53.0	93.6	2621	3645			481	120	131	40
US RTE 52											
406+47.0	TO	420+00.0	93.6	2618	2645	500	130	481	120	131	40
420+00.0	TO	433+53.9	93.6	2620	2645	500	130	480	120	129	40
SUB-TOTAL			374.4	10480	11580	1500	390	1923	480	522	160
USE			375	23560			390	2403		522	160

RAISED REFLECTIVE PAVEMENT MARKER				
LOCATION			1-WAY CRYSTAL	2-WAY AMBER
STATION	TO	STATION	EACH	EACH
US RTE 52				
411+47.0	TO	420+00.0	14	40
420+00.0	TO	428+53.9	14	40
SUB-TOTAL			28	80
TOTAL			108	

STORM SEWER TO BE GROUTED					
LOCATION		SIZE	TYPE	LENGTH	VOLUME
STATION +/-	SIDE			FEET	CU YDS
US RTE 52					
419+73.1	X-RD	18"	RCP	126.7	9
TOTAL					9

ISLAND REMOVAL				
STATION +/-	TO	STATION +/-	SIDE	SQ FT
US RTE 52				
419+63.5	TO	419+72.3	RT	57
419+70.8	TO	419+81.7	LT	60
420+16.3	TO	420+27.4	RT	81
420+25.1	TO	420+34.5	LT	60
TOTAL				258

PAVEMENT MARKING REMOVAL - WATER BLASTING			
STATION	TO	STATION	LINES
			4"
			SQ FT
CH 11 (RIDGE RD)			
6+47.0	TO	11+47.0	376
28+53.0	TO	33+53.0	542
US RTE 52			
406+47.0	TO	411+47.0	376
428+53.9	TO	433+53.9	375
TOTAL			1669

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL			
LOCATION			EACH
STATION	TO	STATION	
C.H. 11 (RIDGE RD.)			
11+47	TO	28+53	22
US RTE 52			
411+47	TO	428+54	22
TOTAL			44

GROOVING FOR RECESSED PAVEMENT MARKING							
STATION	TO	STATION	5"	7"	9"		25"
			SOLID	SKIP DASH	SOLID	DOTTED	SOLID
			FOOT				
CH 11 (RIDGE RD)							
11+47.0	TO	20+00.0	4266	130	481	120	40
20+00.0	TO	28+53.0	4266		481	120	40
US RTE 52							
411+47.0	TO	420+00.0	4263	130	481	120	40
420+00.0	TO	428+53.9	4265	130	480	120	40
SUB-TOTAL			17060	390	1923	480	160
TOTAL			17060	390	2403		160

RECESSED REFLECTIVE PAVEMENT MARKER				
LOCATION			1-WAY CRYSTAL	2-WAY AMBER
STATION	TO	STATION	EACH	EACH
CH 11 (RIDGE RD)				
11+47.0	TO	20+00.0	14	40
20+00.0	TO	28+53.0	14	40
SUB-TOTAL			28	80
TOTAL			108	

USER NAME = BDcGraene	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

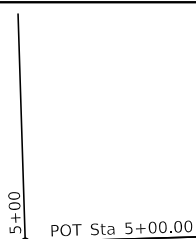
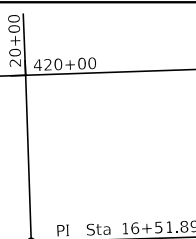
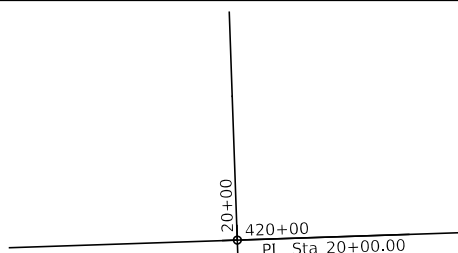
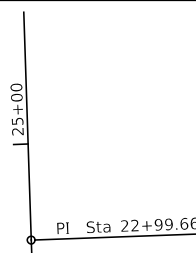
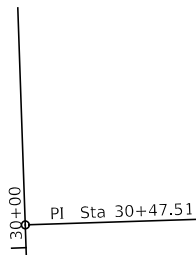
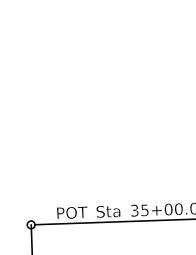
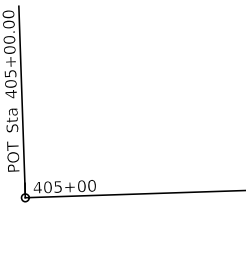
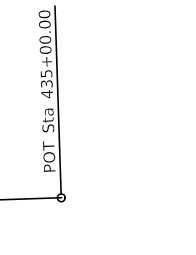
KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD)
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 4 OF 4 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	12
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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 N: 1763725.3371 E: 1000715.2666	 N: 1764876.6455 E: 1000678.7835
CH 11 (RIDGE RD) P.O.T. 5 + 00.00	CH 11 (RIDGE RD) P.I. 16 + 51.89
 N: 1765224.5599 E: 1000667.0051	 N: 1765524.0260 E: 1000656.1515
CH 11 (RIDGE RD) P.I. 20 + 00.00	CH 11 (RIDGE RD) P.I. 22 + 99.66
 N: 1766271.4600 E: 1000631.4060	 N: 1766723.6841 E: 1000615.7890
CH 11 (RIDGE RD) P.I. 30 + 47.51	CH 11 (RIDGE RD) P.O.T. 35 + 00.00
 N: 1765174.2582 E: 999167.8488	 N: 1765274.8615 E: 1002166.1615
US RTE 52 P.O.T. 405 + 00.00	US RTE 52 P.O.T. 435 + 00.00

- CONTROL POINT 1
N: 1765209.9570
E: 999642.9820
ELEV: 597.07

CONTROL POINT 2
N: 1765225.4660
E: 1000090.9260
ELEV: 596.59

CONTROL POINT 3
N: 1765252.6640
E: 1000489.0260
ELEV: 597.16

CONTROL POINT 4
N: 1765279.7580
E: 1000753.8180
ELEV: 598.82

CONTROL POINT 5
N: 1765704.2010
E: 1000687.5360
ELEV: 599.07
- CONTROL POINT 6
N: 1766199.1600
E: 1000671.1780
ELEV: 605.46

CONTROL POINT 7
N: 1765277.8280
E: 1001184.7680
ELEV: 600.38

CONTROL POINT 8
N: 1765281.4320
E: 1001646.7050
ELEV: 600.38

CONTROL POINT 9
N: 1764713.9650
E: 1000726.5550
ELEV: 591.04

CONTROL POINT 10
N: 1764243.9600
E: 1000746.7390
ELEV: 586.89

- BENCHMARK LIST
- BM 1

=

RR SPIKE SET IN PP, US RTE 52,
STA. 405+62 LT, ELEV. = 598.47
- BM 2

=

CHISELED " " IN CONC BASE OF PP, CH 11 (RIDGE RD),
STA. 19+39 RT, ELEV. = 598.89
- BM 3

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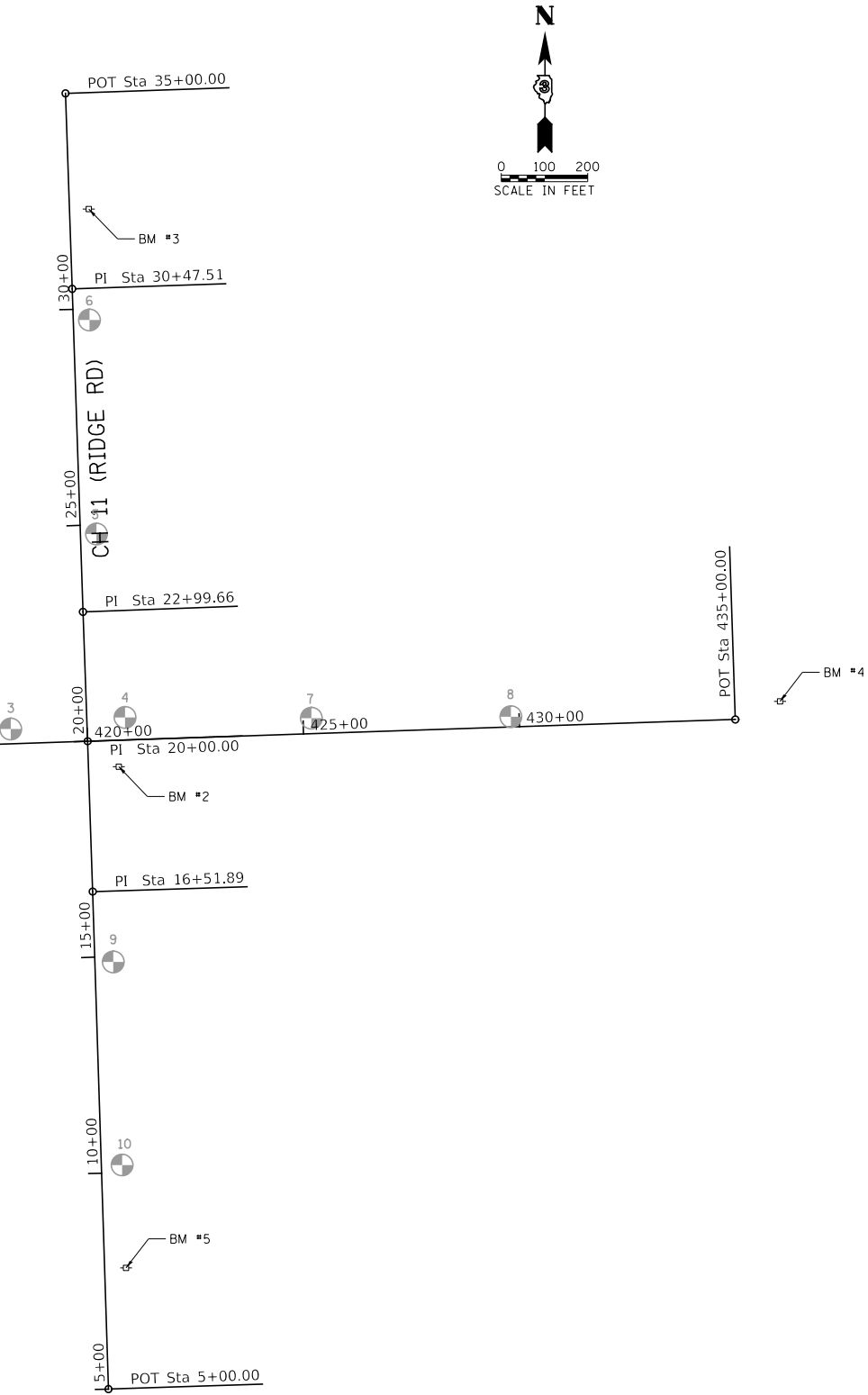
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- BM 4

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RR SPIKE SET IN PP, US RTE 52,
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- BM 5

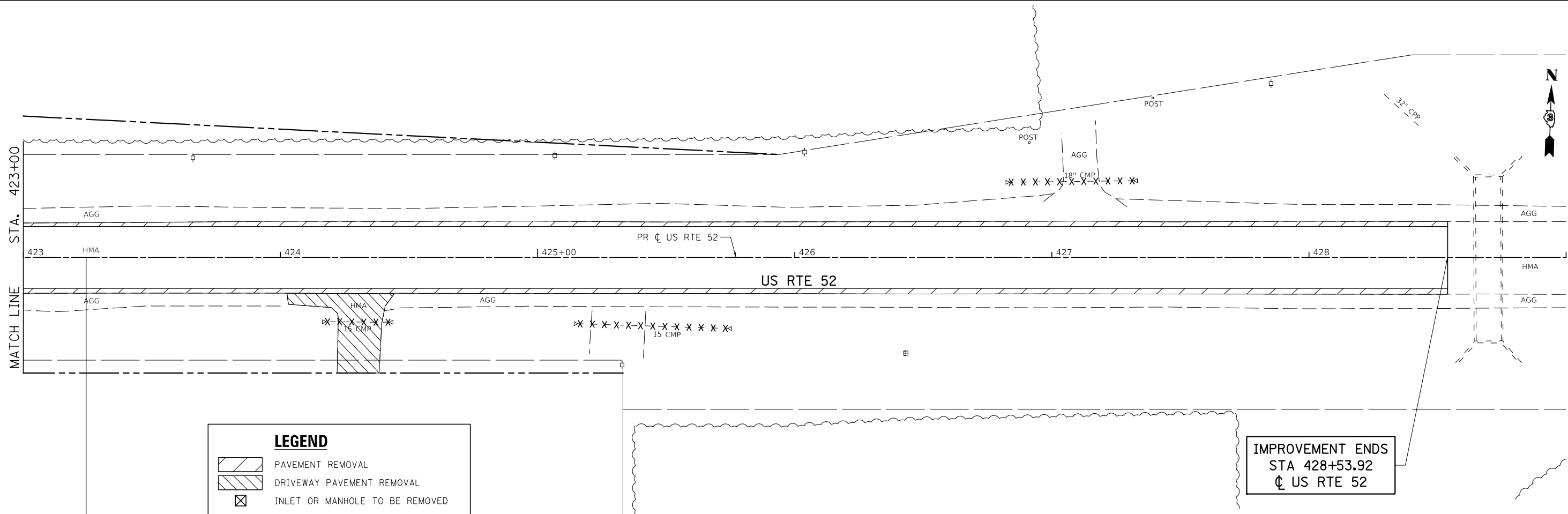
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STA. 7+79 RT, ELEV. = 584.34



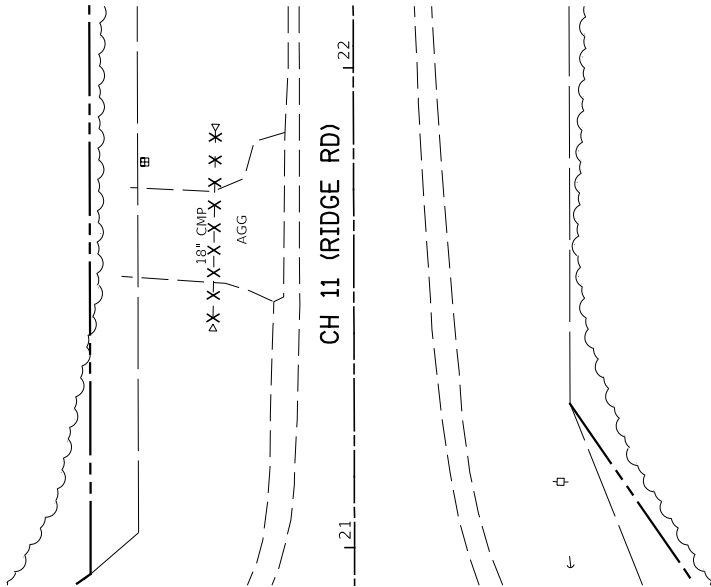
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	PLOT SCALE = 400.0000 ' / in.	CHECKED -	REVISED -						CH 11	19-00152-00-TL	KENDALL	74	13
	PLOT DATE = 1/20/2021	DATE -	REVISED -		CONTRACT NO.								
					ILLINOIS FED. AID PROJECT								
SCALE: 1"=200'					SHEET 1	OF 1	SHEETS	STA. 5+00.00	TO STA. 35+00.00				

MODEL Default
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LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- INLET OR MANHOLE TO BE REMOVED
- ISLAND REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- TRENCH BACKFILL
- STUMP REMOVAL
- TBR** TO BE REMOVED



CH 11 (RIDGE RD) CULVERT REMOVAL DETAIL
STA 21+64.7

USER NAME = BDeCrane	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

US RTE 52
REMOVAL PLAN

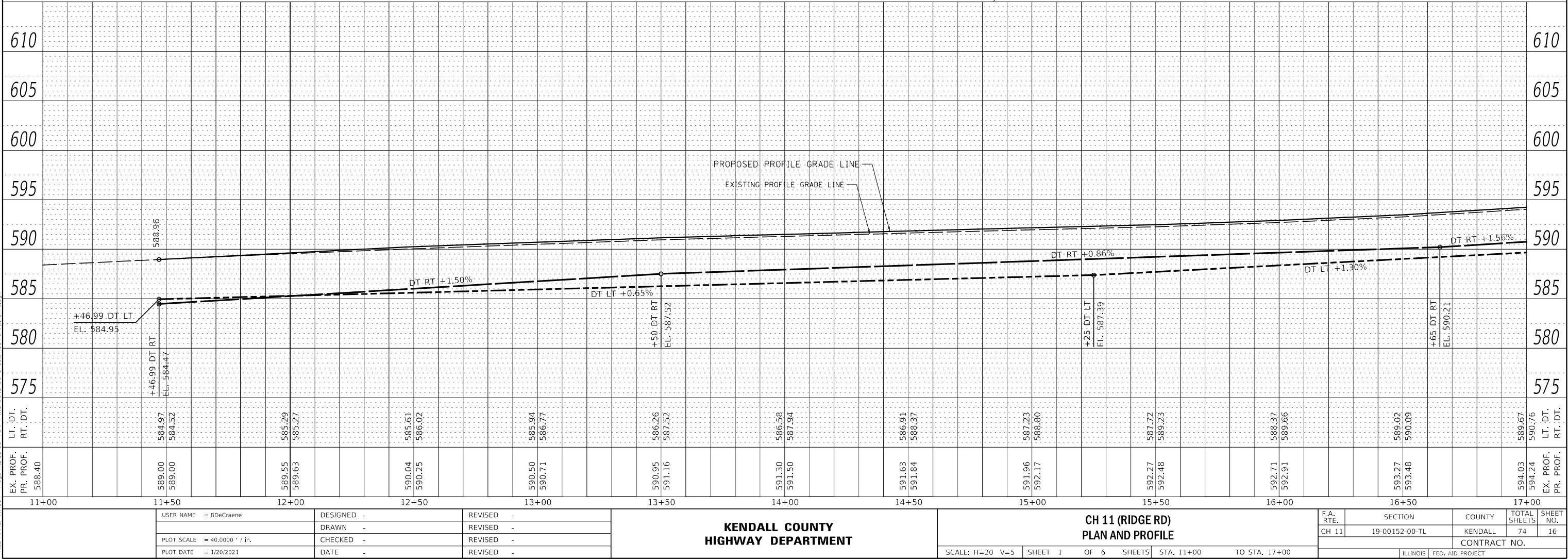
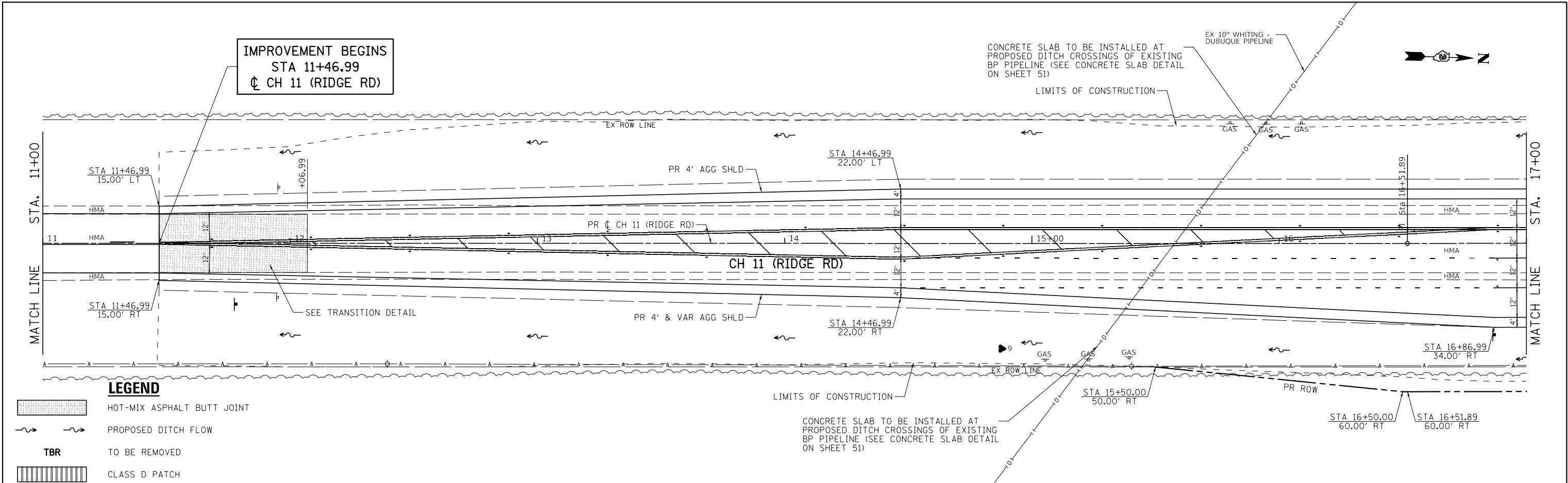
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 423+00 TO STA. 429+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	15
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NO.	PLOTTED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATION CHNG		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHNG		
	CADD FILE NAME		

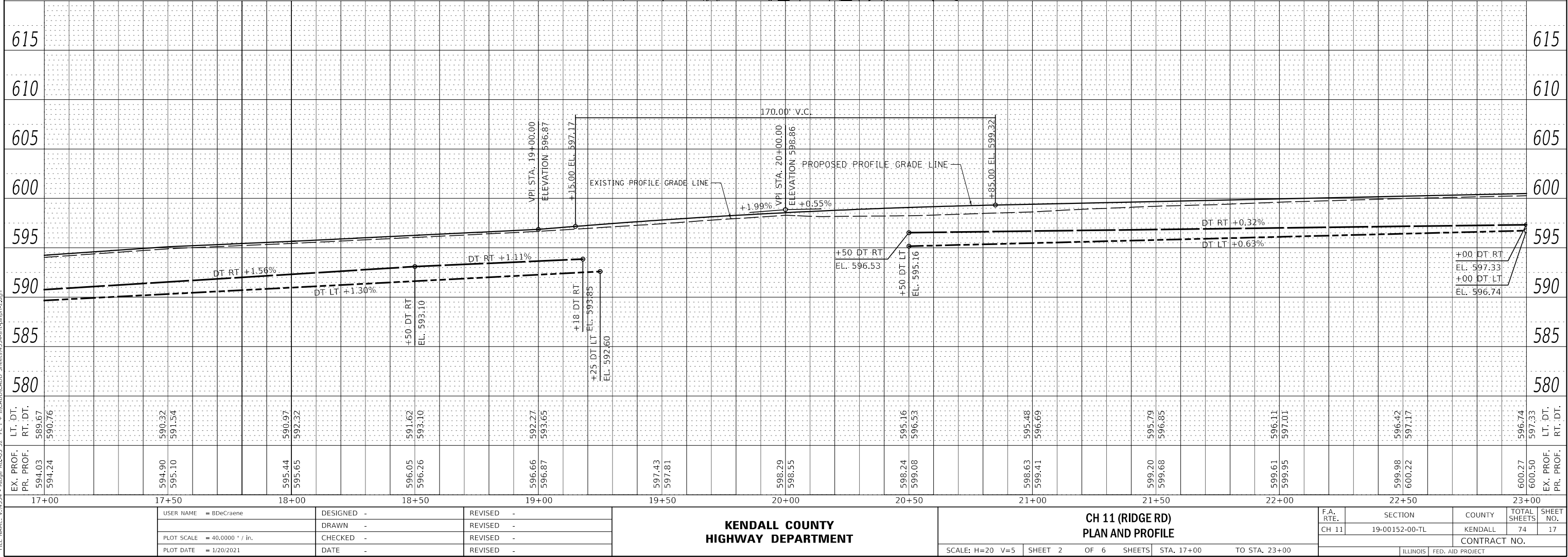
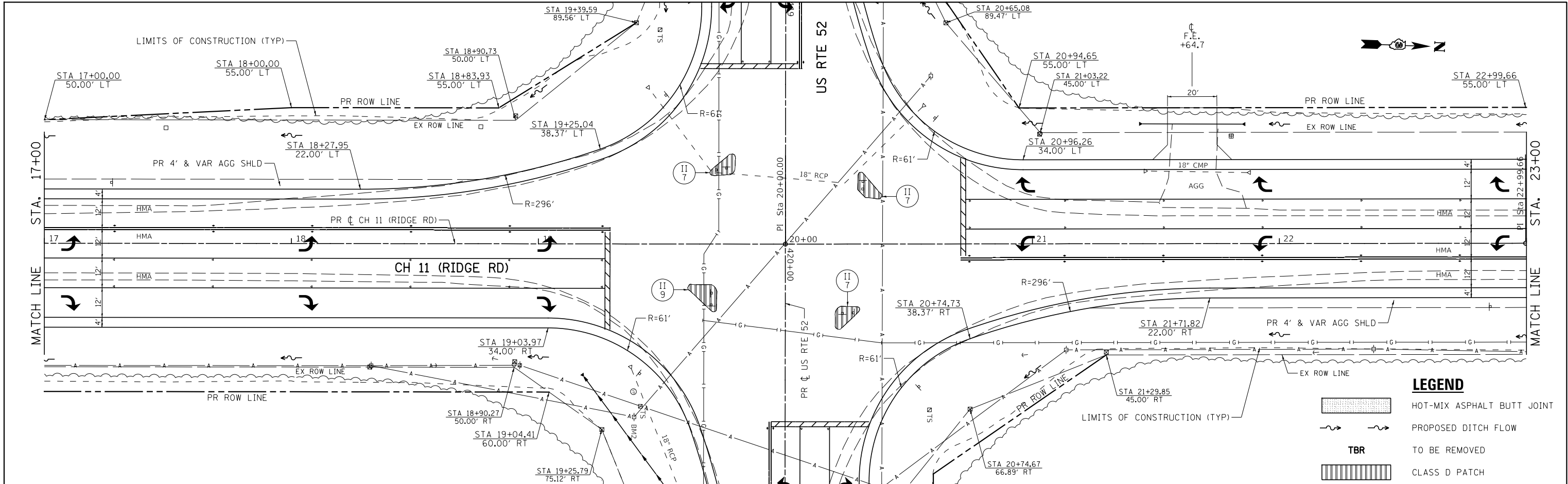
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PLAN	SURVEYED	DATE
NO.		
NOTE BOOK		
FILE NAME		

PROFILE	SURVEYED	DATE
NO.		
NOTE BOOK		
FILE NAME		

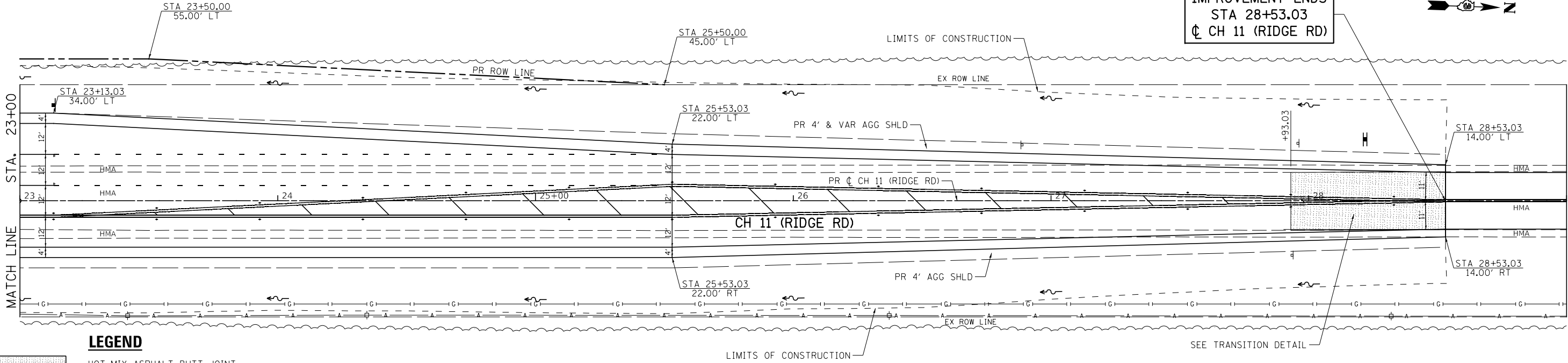
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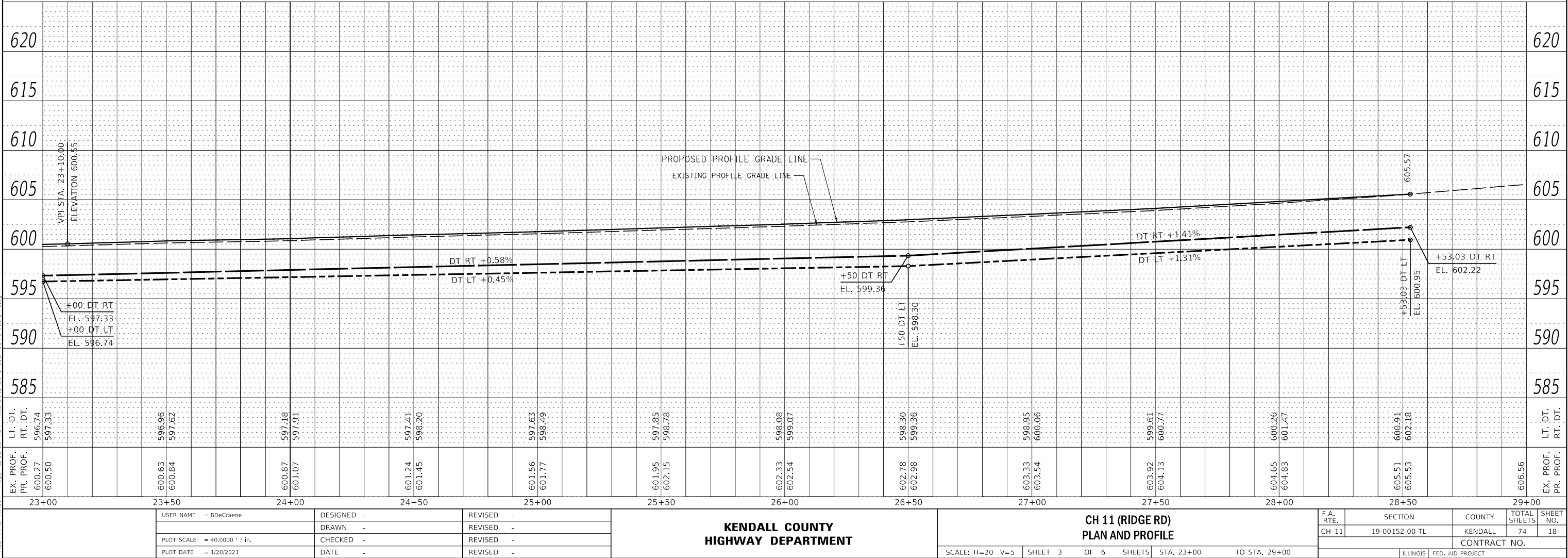
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NO.	BY	
NOTE BOOK	PLOTTED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTED	
	CADD FILE NAME	

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

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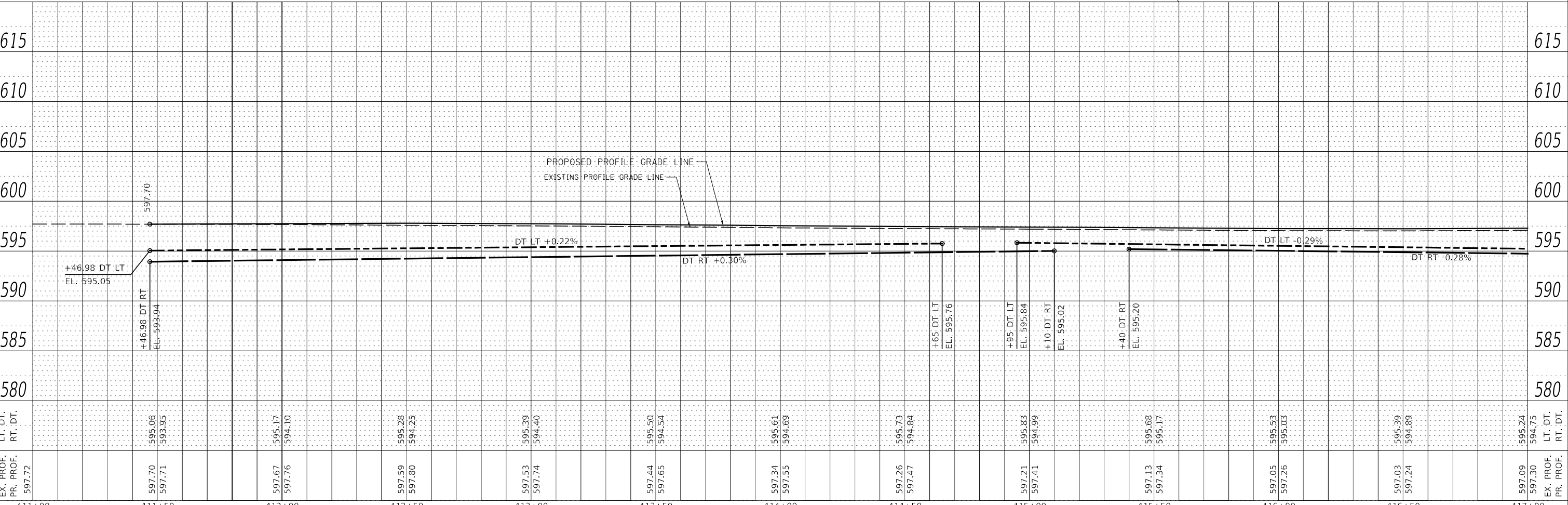


- LEGEND**
- HOT-MIX ASPHALT BUTT JOINT
 - PROPOSED DITCH FLOW
 - TBR TO BE REMOVED
 - CLASS D PATCH



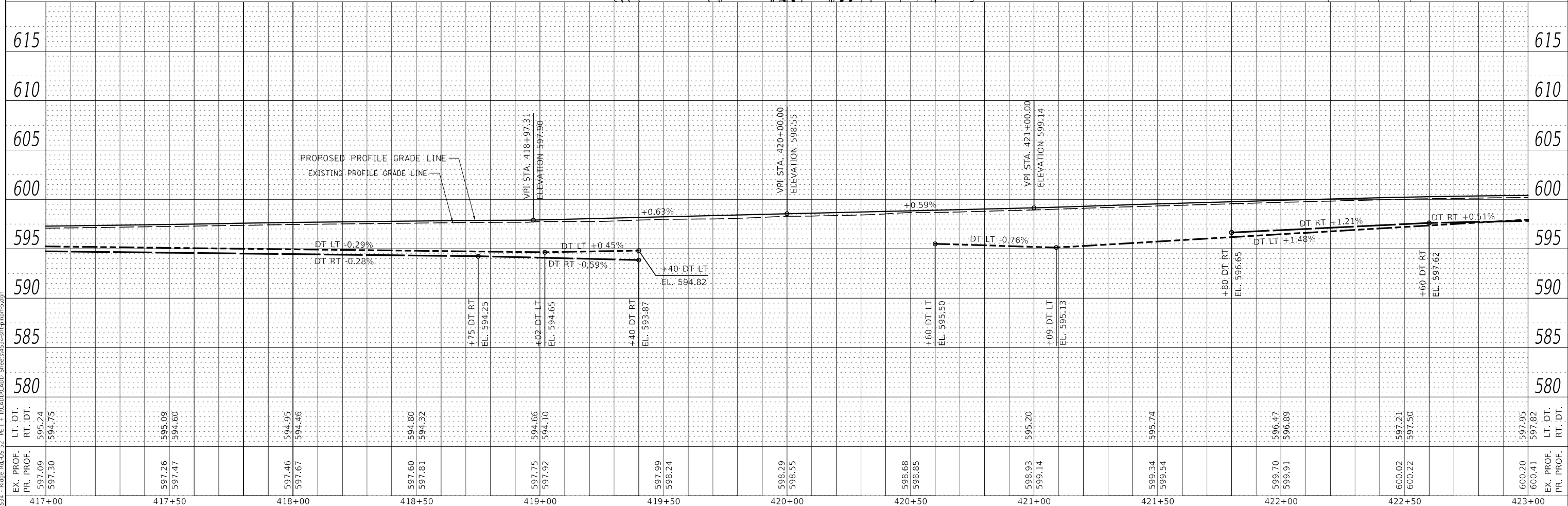
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	PLOTTED _____		
	GRADES CHECKED _____		
	B.M. NOTED _____		
NOTE BOOK _____	STRUCTURE NOTATIONS CHKD _____		
NO. _____			

IMPROVEMENT BEGINS
STA 411+46.98
CL US RTE 52



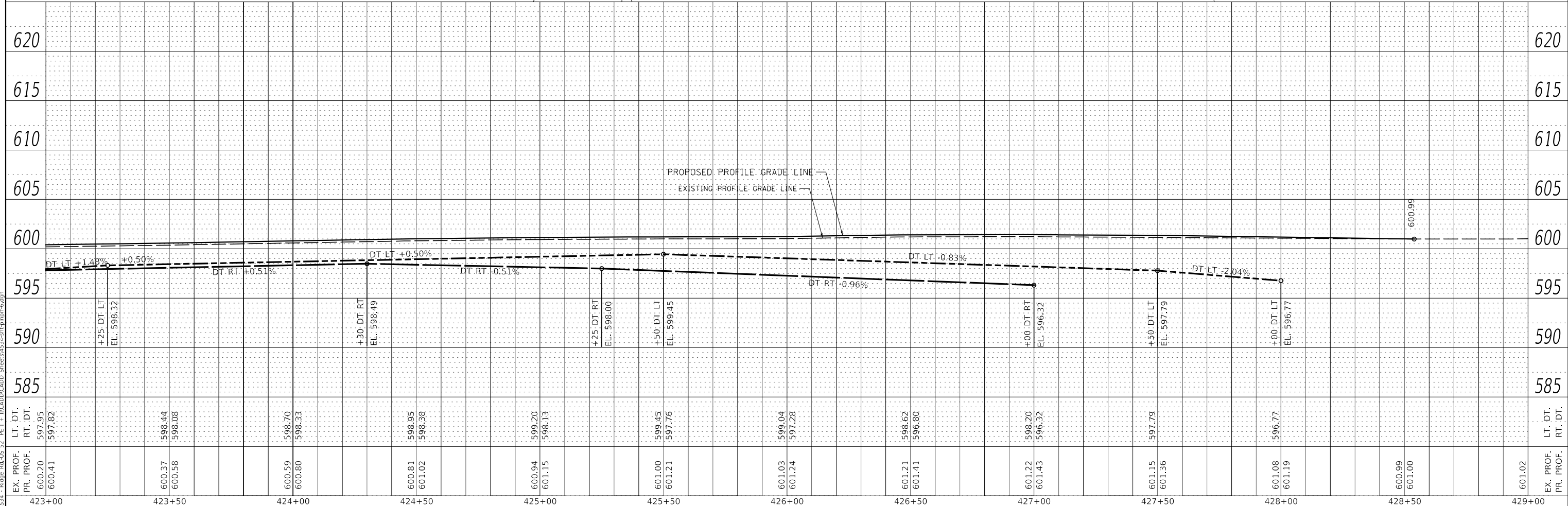
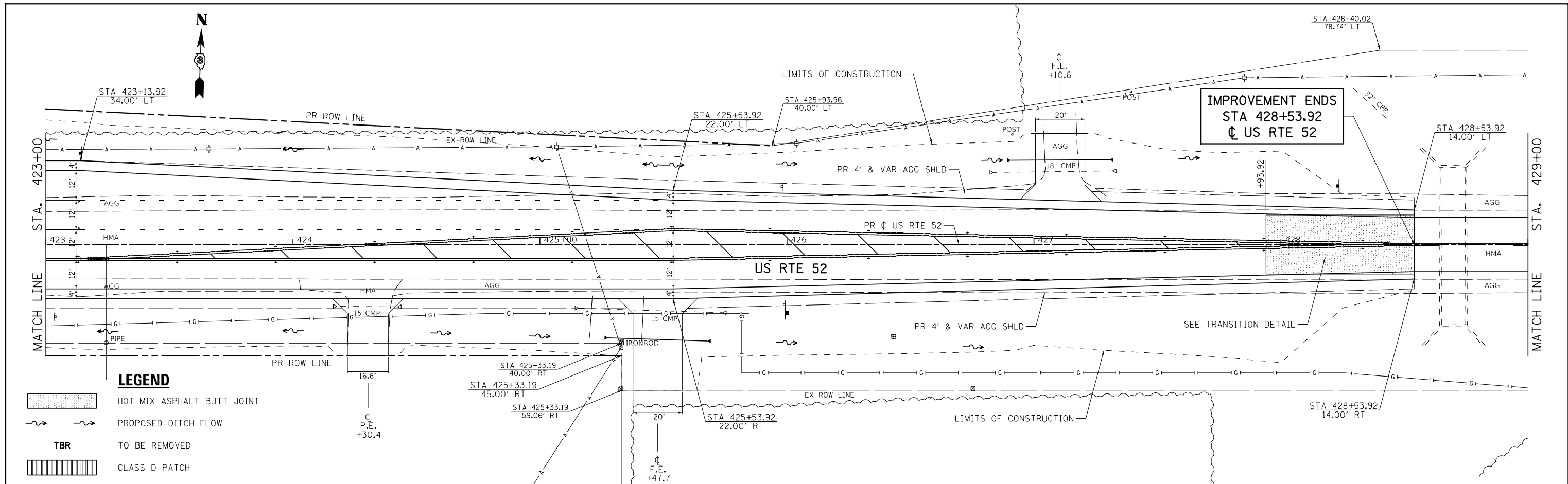
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	DRAWN -	REVISED -						CH 11	19-00152-00-TL	KENDALL	74	19
PLOT SCALE = 40,000' / in.	CHECKED -	REVISED -		CONTRACT NO.								
PLOT DATE = 1/20/2021	DATE	REVISED -										
				SCALE: H=20 V=5	SHEET 4	OF 6 SHEETS	STA. 411+00	TO STA. 417+00	ILLINOIS FED. AID PROJECT			

PROFILE		BY	DATE
NOTE BOOK NO. _____	SURVEYED _____		
	PLOTTED _____		
	GRADES CHECKED _____		
	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHK'D _____		



USER NAME = BDeCrane	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	US RTE 52 PLAN AND PROFILE					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -							CH 11	19-00152-00-TL	KENDALL	74	20
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -		SCALE: H=20 V=5 SHEET 5 OF 6 SHEETS STA. 417+00 TO STA. 423+00					CONTRACT NO.				
PLOT DATE = 1/20/2021	DATE -	REVISED -							ILLINOIS FED. AID PROJECT				

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



USER NAME = BDeCrane	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	US RTE 52 PLAN AND PROFILE					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -							CH 11	19-00152-00-TL	KENDALL	74	21
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO.									
PLOT DATE = 1/20/2021	DATE -	REVISED -							SCALE: H=20 V=5	SHEET 6	OF 6 SHEETS	STA. 423+00	TO STA. 429+00
								ILLINOIS FED. AID PROJECT					

MODEL: Default
FILE NAME: V:\4534 - Ridge Rd.-US 52 PE I + I\ICADD\ICADD Sheets\4534-sht-plnprf6.dgn

PARCEL 1A		
PT TO PT	BEARING	DISTANCE
1 - 2	S 88°08'26" W	139.54'
2 - 3	S 88°08'26" W	260.03'
3 - 4	N 01°55'18" W	49.07'
4 - 5	N 85°12'57" E	200.25'
5 - 6	N 88°04'42" E	80.29'
6 - 7	S 61°48'17" W	22.59'
7 - 2	S 01°55'18" E	49.35'

PARCEL 1B		
PT TO PT	BEARING	DISTANCE
1 - 2	S 88°08'26" W	139.54'
2 - 7	N 01°55'18" W	49.35'
7 - 6	N 61°48'17" E	22.59'
6 - 8	N 53°27'29" E	78.33'
8 - 9	S 47°18'24" W	45.42'
9 - 6	S 61°48'17" W	33.53'

NE ¼, SEC 14, T 35 N, R 8 E, 3RD PM

PARCEL 1

KOVACEVICH BROTHERS, LLC
TOTAL HOLDING = 156.020 AC.±
TOTAL R.O.W. REQUIRED (TRACT A) = 0.333 AC.±
AREA IN EXISTING R.O.W. (TRACT A) = 0.294 AC.±
NET R.O.W. REQUIRED (TRACT A) = 0.039 AC.±
TOTAL R.O.W. REQUIRED (TRACT B) = 0.004 AC.±
TOTAL R.O.W. REQUIRED (TRACT C) = 0.545 AC.±
AREA IN EXISTING R.O.W. (TRACT C) = 0.464 AC.±
NET R.O.W. REQUIRED (TRACT C) = 0.081 AC.±
REMAINDER = 155.138 AC.±

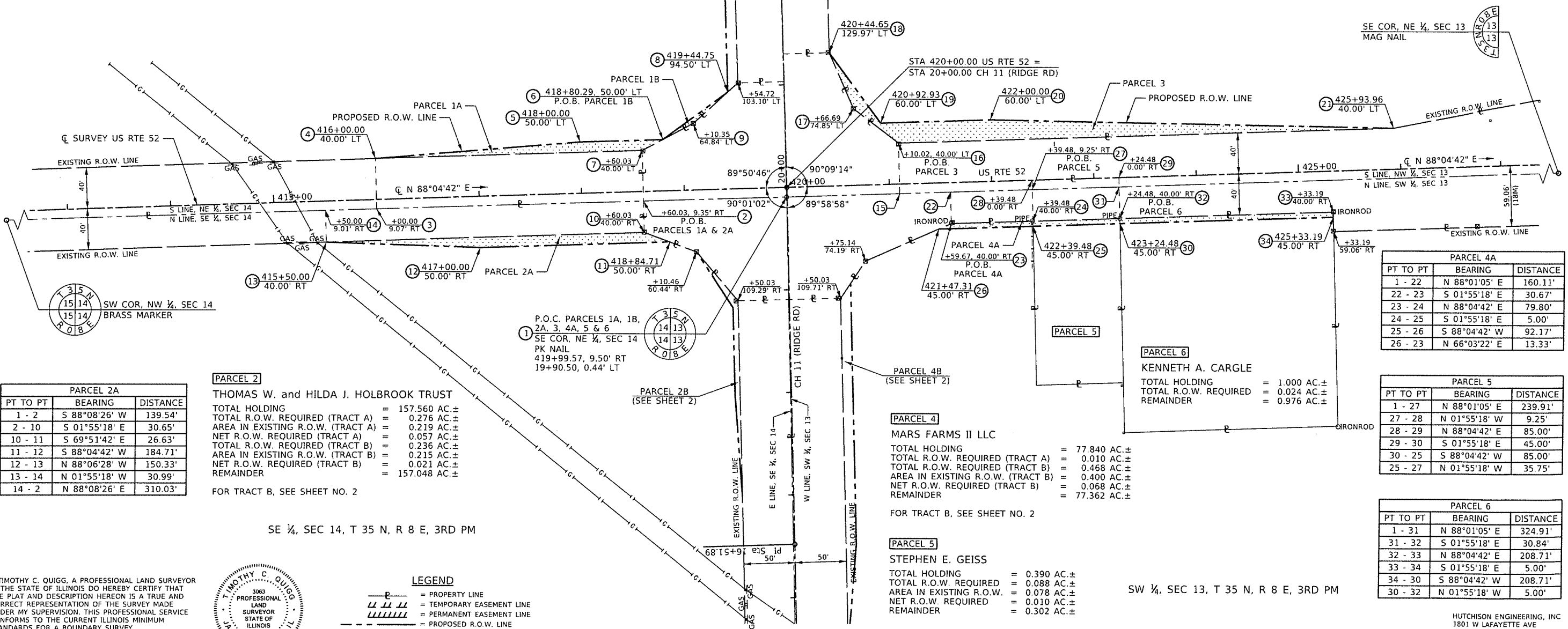
FOR TRACT C, SEE SHEET NO. 2

NW ¼, SEC 13, T 35 N, R 8 E, 3RD PM

PARCEL 3

PETER G. ROUSONELOS
FAMILY PARTNERSHIP
TOTAL HOLDING = 156.300 AC.±
TOTAL R.O.W. REQUIRED = 0.152 AC.±
REMAINDER = 156.148 AC.±

PARCEL 3		
PT TO PT	BEARING	DISTANCE
1 - 15	N 88°01'05" E	110.45'
15 - 16	N 01°55'18" W	49.38'
16 - 17	N 53°06'54" W	55.61'
17 - 18	N 23°42'40" W	59.36'
18 - 19	S 36°31'28" E	85.01'
19 - 20	N 88°04'42" E	107.07'
20 - 21	S 89°00'56" E	394.47'
21 - 16	S 88°04'42" W	483.94'



PARCEL 2A		
PT TO PT	BEARING	DISTANCE
1 - 2	S 88°08'26" W	139.54'
2 - 10	S 01°55'18" E	30.65'
10 - 11	S 69°51'42" E	26.63'
11 - 12	S 88°04'42" W	184.71'
12 - 13	N 88°06'28" W	150.33'
13 - 14	N 01°55'18" W	30.99'
14 - 2	N 88°08'26" E	310.03'

PARCEL 2

THOMAS W. and HILDA J. HOLBROOK TRUST
TOTAL HOLDING = 157.560 AC.±
TOTAL R.O.W. REQUIRED (TRACT A) = 0.276 AC.±
AREA IN EXISTING R.O.W. (TRACT A) = 0.219 AC.±
NET R.O.W. REQUIRED (TRACT A) = 0.057 AC.±
TOTAL R.O.W. REQUIRED (TRACT B) = 0.236 AC.±
AREA IN EXISTING R.O.W. (TRACT B) = 0.215 AC.±
NET R.O.W. REQUIRED (TRACT B) = 0.021 AC.±
REMAINDER = 157.048 AC.±

FOR TRACT B, SEE SHEET NO. 2

SE ¼, SEC 14, T 35 N, R 8 E, 3RD PM

I, TIMOTHY C. QUIGG, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF ILLINOIS DO HEREBY CERTIFY THAT THE PLAT AND DESCRIPTION HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY SUPERVISION. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Timothy C. Quigg
TIMOTHY C. QUIGG
PROFESSIONAL LAND SURVEYOR NO. 3063



LEGEND

- = PROPERTY LINE
- - - = TEMPORARY EASEMENT LINE
- ||||| = PERMANENT EASEMENT LINE
- . - . = PROPOSED R.O.W. LINE
- = SECTION LINE
- - - - = EXISTING R.O.W. LINE
- ===== = REQUIRED R.O.W.

PARCEL 4

MARS FARMS II LLC
TOTAL HOLDING = 77.840 AC.±
TOTAL R.O.W. REQUIRED (TRACT A) = 0.010 AC.±
TOTAL R.O.W. REQUIRED (TRACT B) = 0.468 AC.±
AREA IN EXISTING R.O.W. (TRACT B) = 0.400 AC.±
NET R.O.W. REQUIRED (TRACT B) = 0.068 AC.±
REMAINDER = 77.362 AC.±

FOR TRACT B, SEE SHEET NO. 2

PARCEL 5

STEPHEN E. GEISS
TOTAL HOLDING = 0.390 AC.±
TOTAL R.O.W. REQUIRED = 0.088 AC.±
AREA IN EXISTING R.O.W. = 0.078 AC.±
NET R.O.W. REQUIRED = 0.010 AC.±
REMAINDER = 0.302 AC.±

SW ¼, SEC 13, T 35 N, R 8 E, 3RD PM

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (2011 ADJ) - EAST ZONE

GRAPHIC SCALE IN FEET
50' 0' 50'

HUTCHISON ENGINEERING, INC
1801 W LAFAYETTE AVE
PO BOX 820
JACKSONVILLE, IL 62650
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000625

KENDALL COUNTY
HIGHWAY DEPARTMENT

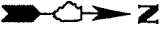
US RTE 52
RIGHT OF WAY PLANS

PROJECT: SHEET OF SHEETS STA. TO STA.

F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
US 52 19-00152-00-TL KENDALL 74 22
CONTRACT NO.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

SE ¼, SEC 14, T 35 N, R 8 E, 3RD PM

NE ¼, SEC 14, T 35 N, R 8 E, 3RD PM



PARCEL 2B		
PT TO PT	BEARING	DISTANCE
1 - 9	S 01°47'03" E	100.00'
9 - 10	S 01°47'03" E	190.50'
10 - 11	S 88°03'40" W	48.78'
11 - 12	N 04°48'05" W	100.12'
12 - 13	N 01°56'20" W	83.93'
13 - 14	N 33°46'36" W	65.52'
14 - 15	S 40°55'59" E	62.87'
15 - 9	N 88°19'21" E	49.30'

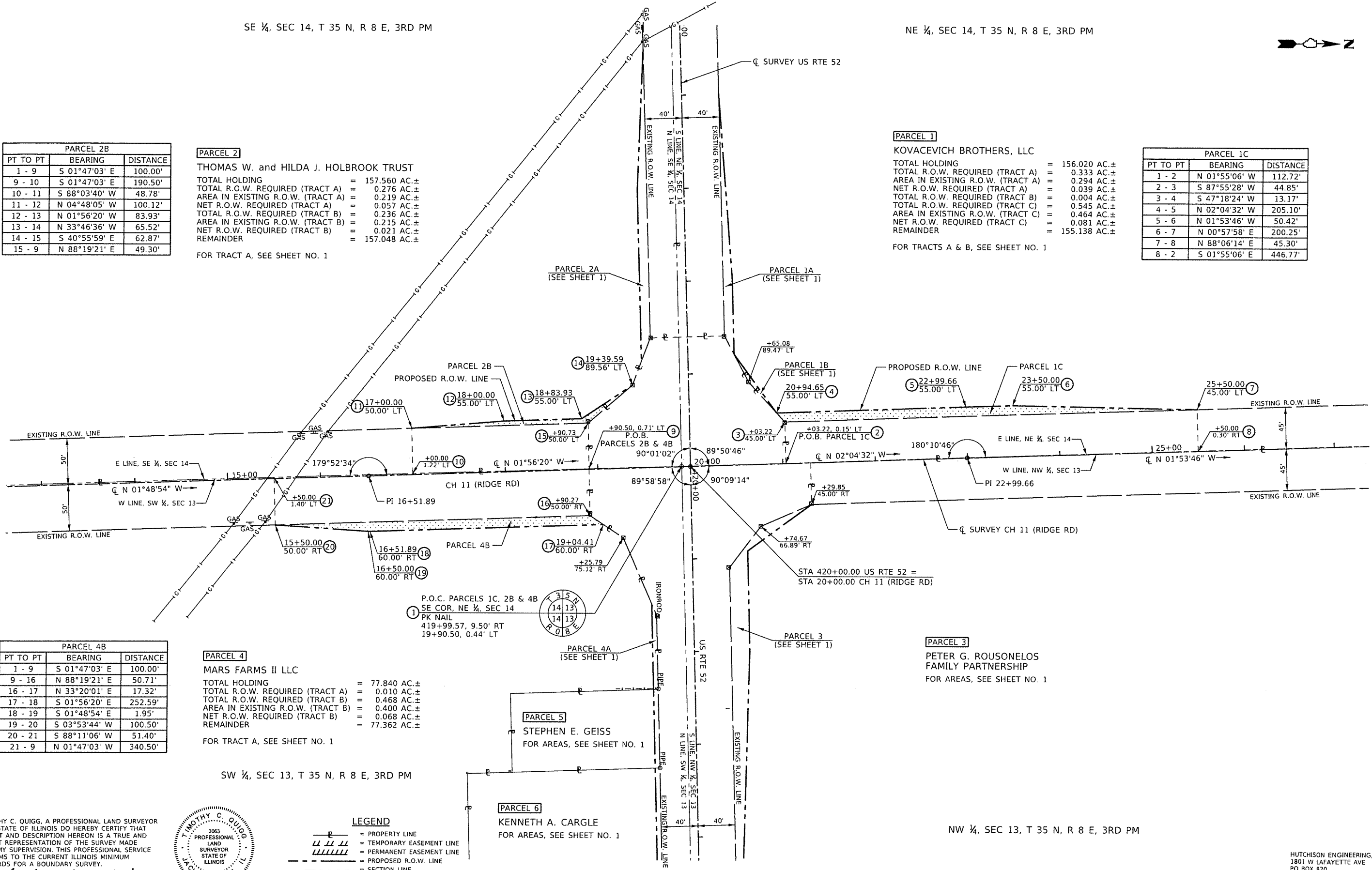
PARCEL 2
THOMAS W. and HILDA J. HOLBROOK TRUST
TOTAL HOLDING = 157.560 AC.±
TOTAL R.O.W. REQUIRED (TRACT A) = 0.276 AC.±
AREA IN EXISTING R.O.W. (TRACT A) = 0.219 AC.±
NET R.O.W. REQUIRED (TRACT A) = 0.057 AC.±
TOTAL R.O.W. REQUIRED (TRACT B) = 0.236 AC.±
AREA IN EXISTING R.O.W. (TRACT B) = 0.215 AC.±
NET R.O.W. REQUIRED (TRACT B) = 0.021 AC.±
REMAINDER = 157.048 AC.±

FOR TRACT A, SEE SHEET NO. 1

PARCEL 1
KOVACEVICH BROTHERS, LLC
TOTAL HOLDING = 156.020 AC.±
TOTAL R.O.W. REQUIRED (TRACT A) = 0.333 AC.±
AREA IN EXISTING R.O.W. (TRACT A) = 0.294 AC.±
NET R.O.W. REQUIRED (TRACT A) = 0.039 AC.±
TOTAL R.O.W. REQUIRED (TRACT B) = 0.004 AC.±
TOTAL R.O.W. REQUIRED (TRACT C) = 0.545 AC.±
AREA IN EXISTING R.O.W. (TRACT C) = 0.464 AC.±
NET R.O.W. REQUIRED (TRACT C) = 0.081 AC.±
REMAINDER = 155.138 AC.±

FOR TRACTS A & B, SEE SHEET NO. 1

PARCEL 1C		
PT TO PT	BEARING	DISTANCE
1 - 2	N 01°55'06" W	112.72'
2 - 3	S 87°55'28" W	44.85'
3 - 4	S 47°18'24" W	13.17'
4 - 5	N 02°04'32" W	205.10'
5 - 6	N 01°53'46" W	50.42'
6 - 7	N 00°57'58" E	200.25'
7 - 8	N 88°06'14" E	45.30'
8 - 2	S 01°55'06" E	446.77'



PARCEL 4B		
PT TO PT	BEARING	DISTANCE
1 - 9	S 01°47'03" E	100.00'
9 - 16	N 88°19'21" E	50.71'
16 - 17	N 33°20'01" E	17.32'
17 - 18	S 01°56'20" E	252.59'
18 - 19	S 01°48'54" E	1.95'
19 - 20	S 03°53'44" W	100.50'
20 - 21	S 88°11'06" W	51.40'
21 - 9	N 01°47'03" W	340.50'

PARCEL 4
MARS FARMS II LLC
TOTAL HOLDING = 77.840 AC.±
TOTAL R.O.W. REQUIRED (TRACT A) = 0.010 AC.±
TOTAL R.O.W. REQUIRED (TRACT B) = 0.468 AC.±
AREA IN EXISTING R.O.W. (TRACT B) = 0.400 AC.±
NET R.O.W. REQUIRED (TRACT B) = 0.068 AC.±
REMAINDER = 77.362 AC.±

FOR TRACT A, SEE SHEET NO. 1

PARCEL 3
PETER G. ROUSONELOS
FAMILY PARTNERSHIP
FOR AREAS, SEE SHEET NO. 1

I, TIMOTHY C. QUIGG, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF ILLINOIS DO HEREBY CERTIFY THAT THE PLAT AND DESCRIPTION HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY SUPERVISION. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Timothy C. Quigg
TIMOTHY C. QUIGG
PROFESSIONAL LAND SURVEYOR NO. 3063

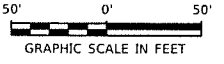


EXPIRES: 11/30/2020

LEGEND	
	= PROPERTY LINE
	= TEMPORARY EASEMENT LINE
	= PERMANENT EASEMENT LINE
	= PROPOSED R.O.W. LINE
	= SECTION LINE
	= EXISTING R.O.W. LINE
	= REQUIRED R.O.W.

MODEL: \$MODELNAME\$
FILE NAME: \$FILE\$

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (2011 ADJ) - EAST ZONE



HUTCHISON ENGINEERING, INC
1801 W LAFAYETTE AVE
PO BOX 820
JACKSONVILLE, IL 62650
ILLINOIS PROFESSIONAL DESIGN
FIRM NO. 184-000825

USER NAME = USERS	DESIGNED -	REVISED -
PLOT SCALE = \$S\$CALES	DRAWN -	REVISED -
PLOT DATE = \$D\$ATES	CHECKED -	REVISED -
	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD) RIGHT OF WAY PLANS			
PROJECT	JOB NO.		
SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	23
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

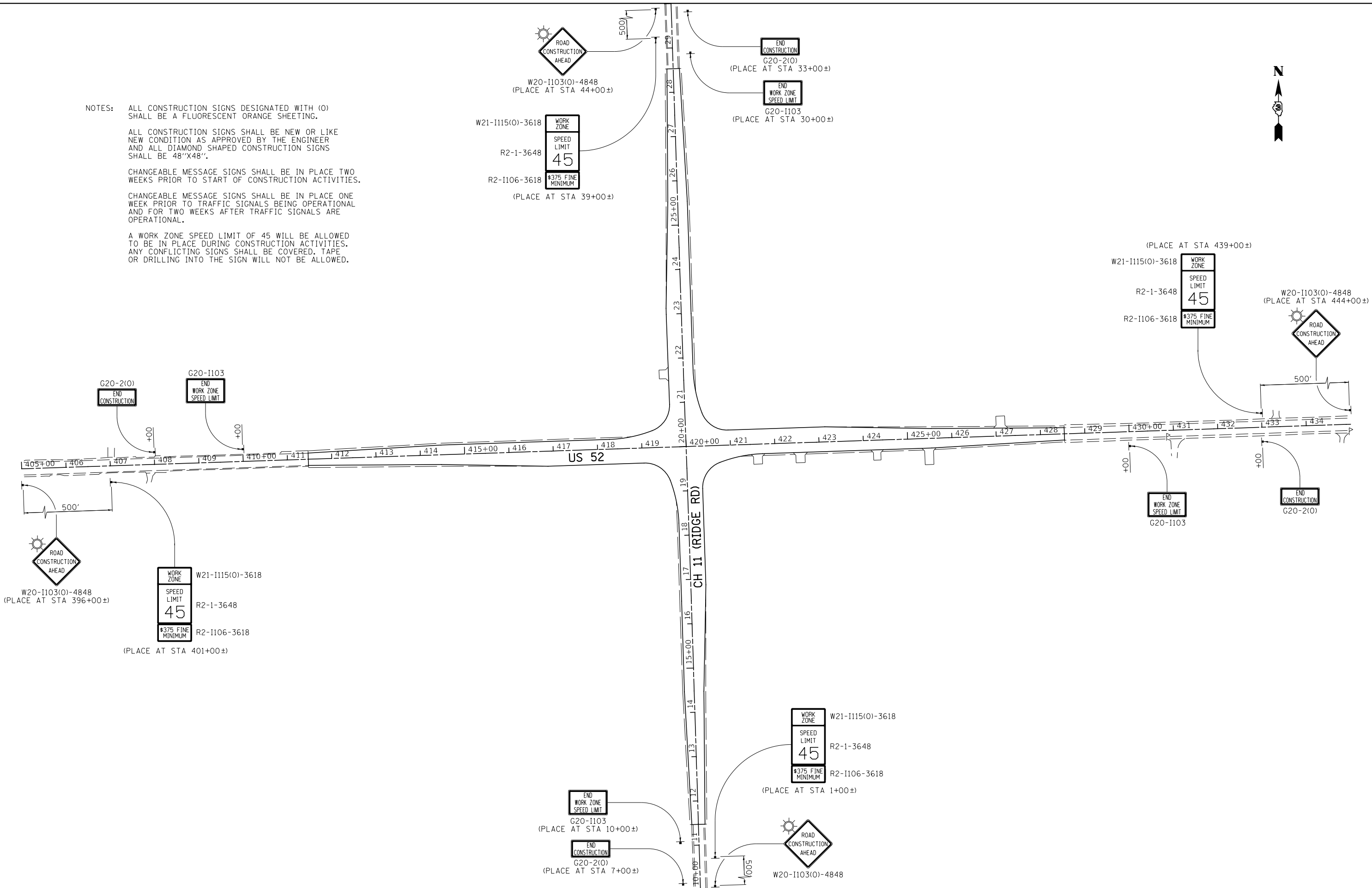
NOTES: ALL CONSTRUCTION SIGNS DESIGNATED WITH (O) SHALL BE A FLUORESCENT ORANGE SHEETING.

ALL CONSTRUCTION SIGNS SHALL BE NEW OR LIKE NEW CONDITION AS APPROVED BY THE ENGINEER AND ALL DIAMOND SHAPED CONSTRUCTION SIGNS SHALL BE 48"X48".

CHANGEABLE MESSAGE SIGNS SHALL BE IN PLACE TWO WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES.

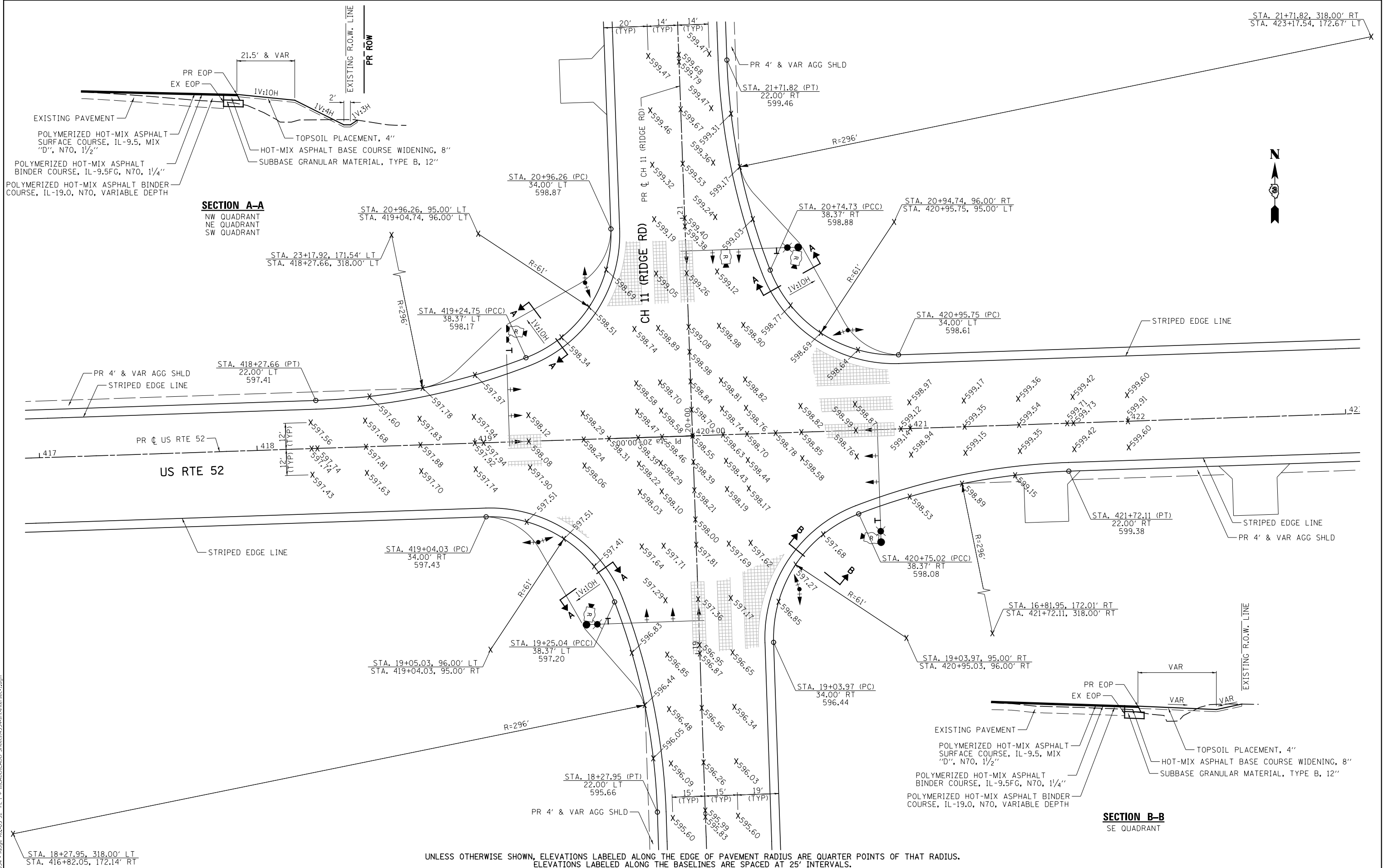
CHANGEABLE MESSAGE SIGNS SHALL BE IN PLACE ONE WEEK PRIOR TO TRAFFIC SIGNALS BEING OPERATIONAL AND FOR TWO WEEKS AFTER TRAFFIC SIGNALS ARE OPERATIONAL.

A WORK ZONE SPEED LIMIT OF 45 WILL BE ALLOWED TO BE IN PLACE DURING CONSTRUCTION ACTIVITIES. ANY CONFLICTING SIGNS SHALL BE COVERED, TAPE OR DRILLING INTO THE SIGN WILL NOT BE ALLOWED.



MODEL: FILE NAME: V:\0534 - Ridge Rd-US 52 PE 1 + 11\CADD\CADD Streets\034-st-traffic\cdm

	USER NAME = BDeCrane	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	CH 11 (RIDGE RD) & US 52 TRAFFIC CONTROL PLAN					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							CH 11	19-00152-00-TL	KENDALL	74	24
	PLOT SCALE = 200,0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO.				
	PLOT DATE = 1/20/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									
						SCALE: 1"=100'	SHEET 1	OF 1	SHEETS	STA. N/A	TO STA. N/A			



UNLESS OTHERWISE SHOWN, ELEVATIONS LABELED ALONG THE EDGE OF PAVEMENT RADIUS ARE QUARTER POINTS OF THAT RADIUS.
ELEVATIONS LABELED ALONG THE BASELINES ARE SPACED AT 25' INTERVALS.

KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD)
INTERSECTION DETAILS

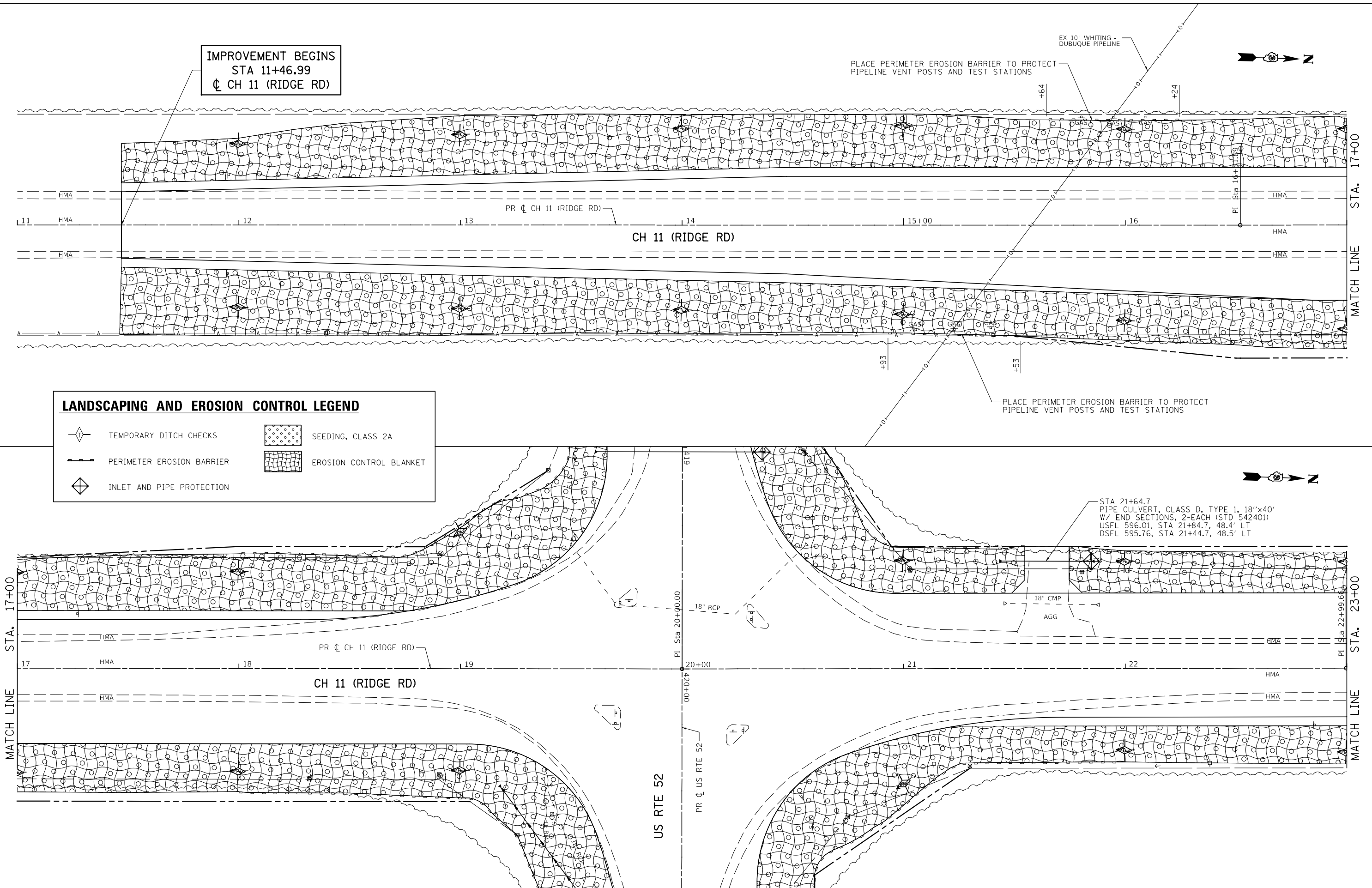
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	25
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

MODEL: FILE NAME: V:\0534 - Ridge Rd-US 52 PE 1 + I\ICADD\ICADD Streets\0534-rlt-intersec-1.dgn

USER NAME = BDeCrane	DESIGNED -	REVISED -
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PLOT DATE = 1/20/2021	CHECKED -	REVISED -
	DATE -	REVISED -

MODEL Default
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LANDSCAPING AND EROSION CONTROL LEGEND

TEMPORARY DITCH CHECKS

SEEDING, CLASS 2A

PERIMETER EROSION BARRIER

EROSION CONTROL BLANKET

INLET AND PIPE PROTECTION

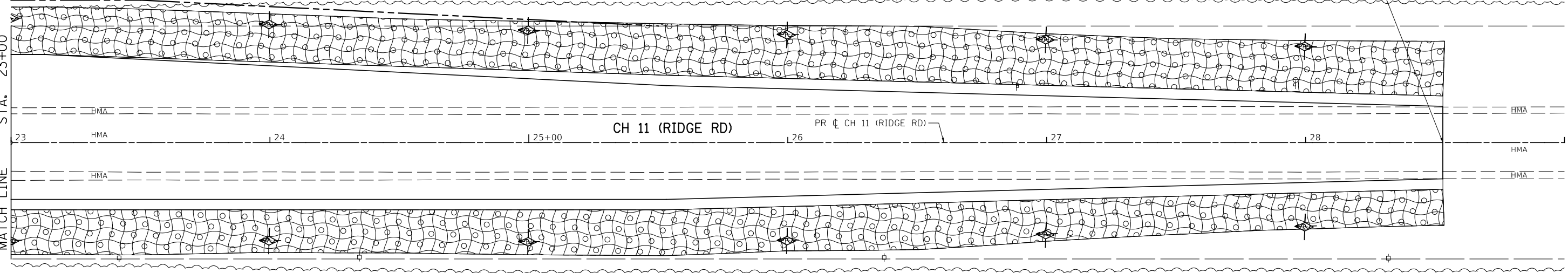
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PLOT SCALE	= 40,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 1/20/2021	DATE	-	REVISED	-

KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD)
EROSION CONTROL & DRAINAGE PLAN

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 11+00 TO STA. 23+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	26
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



LANDSCAPING AND EROSION CONTROL LEGEND

TEMPORARY DITCH CHECKS

PERIMETER EROSION BARRIER

INLET AND PIPE PROTECTION

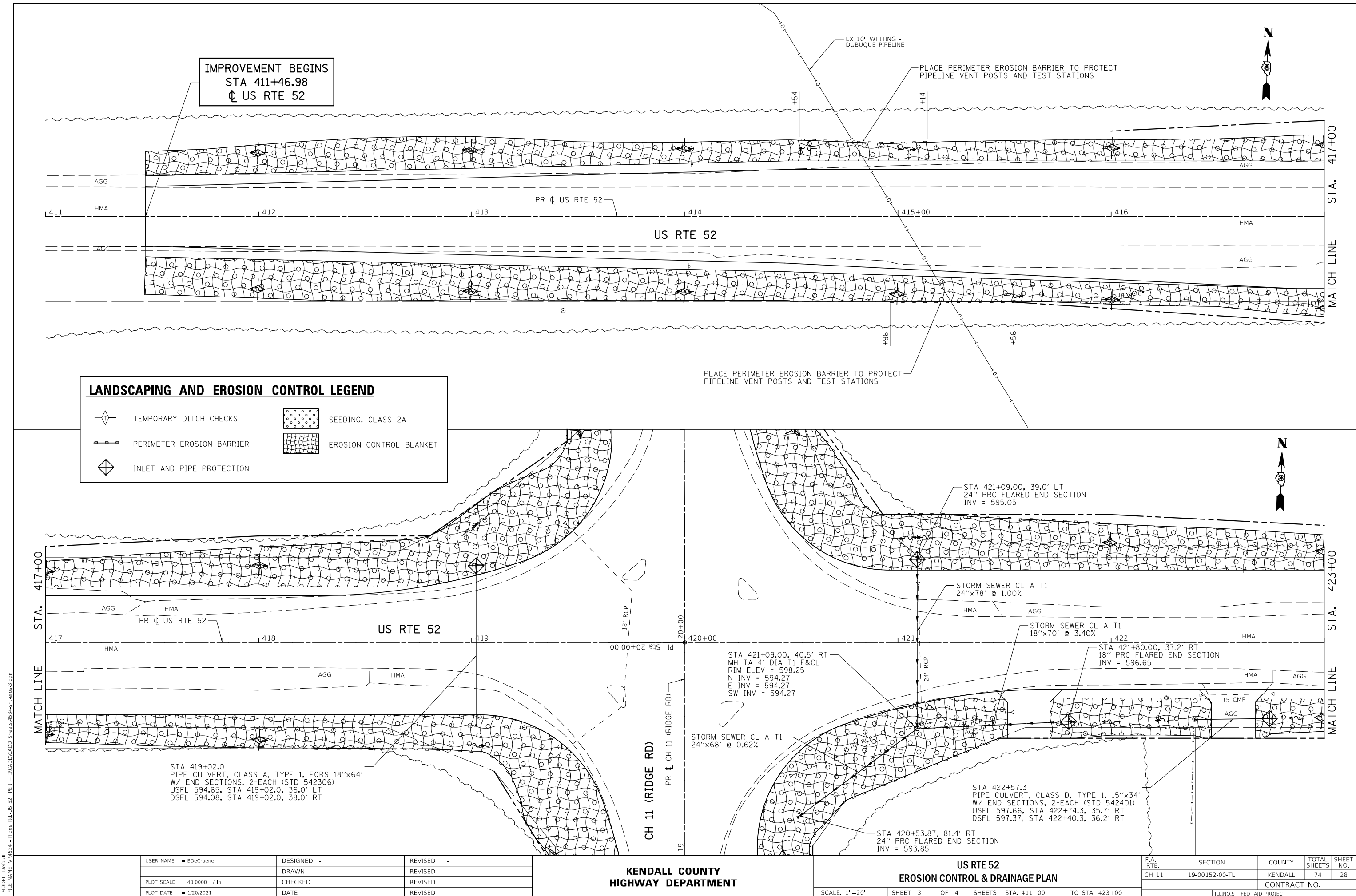
SEEDING, CLASS 2A

EROSION CONTROL BLANKET

MODEL Default
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	USER NAME = BDeCrane	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	CH 11 (RIDGE RD) EROSION CONTROL & DRAINAGE PLAN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -					CH 11	19-00152-00-TL	KENDALL	74	27
	PLOT DATE = 1/20/2021	CHECKED -	REVISED -		SCALE: 1"=20'			CONTRACT NO.				
		DATE -	REVISED -		SHEET 2 OF 4 SHEETS STA. 23+00 TO STA. 29+00			ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: V:\1534 - Ridge Rd-US 52 - PE 1 - ILLCAD\CADD_Sheets\1534\Sheet-cros-3.dgn



LANDSCAPING AND EROSION CONTROL LEGEND

TEMPORARY DITCH CHECKS

PERIMETER EROSION BARRIER

INLET AND PIPE PROTECTION

SEEDING, CLASS 2A

EROSION CONTROL BLANKET

USER NAME	= BDeCrane	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 40,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 1/20/2021	DATE	-	REVISED	-

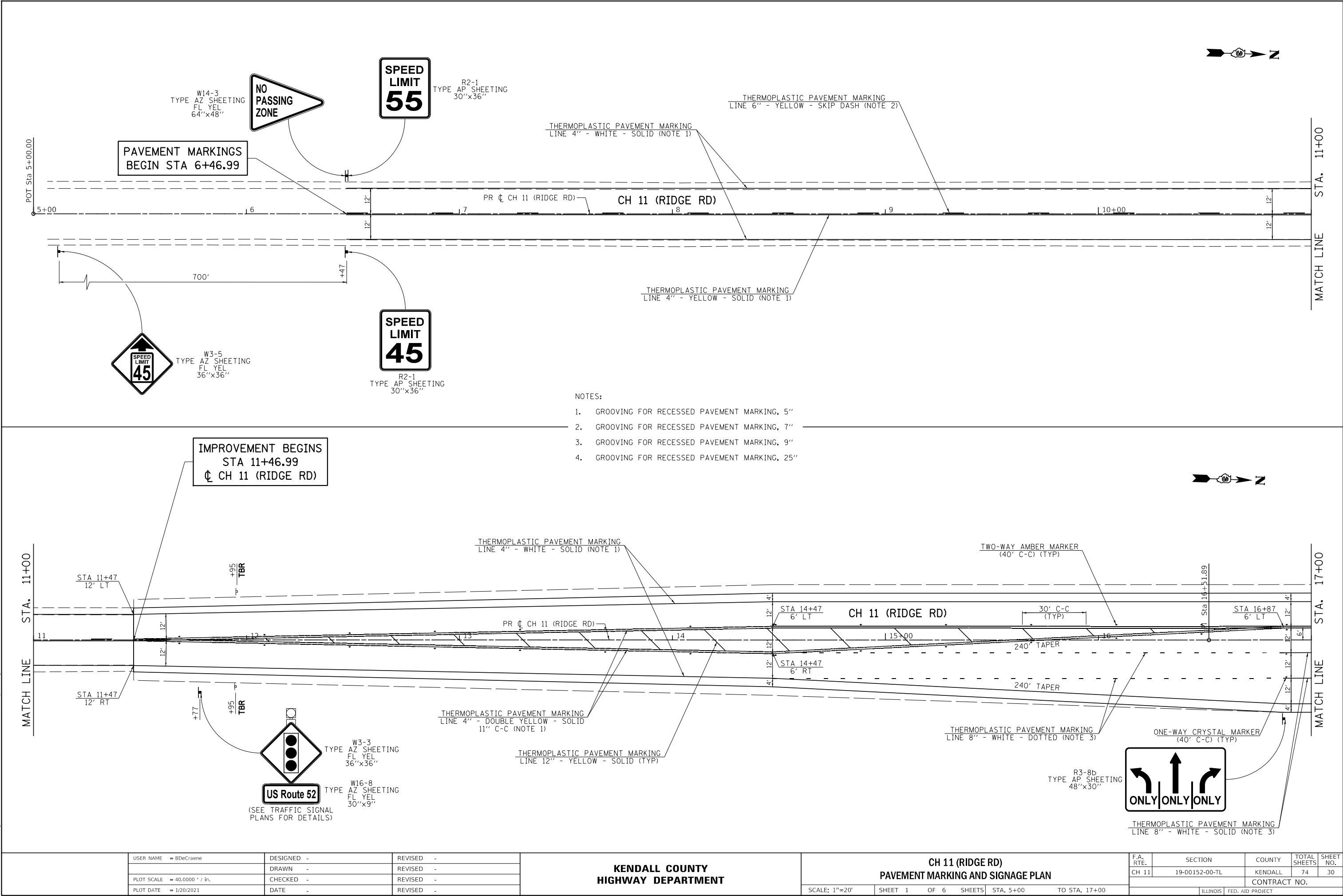
KENDALL COUNTY
HIGHWAY DEPARTMENT

US RTE 52
EROSION CONTROL & DRAINAGE PLAN

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 411+00 TO STA. 423+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	28
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE Name: W334 - Ridge Rd-US 52 - PE 1 - ILLCADDCADD_Sheets\534shtcgm-1.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

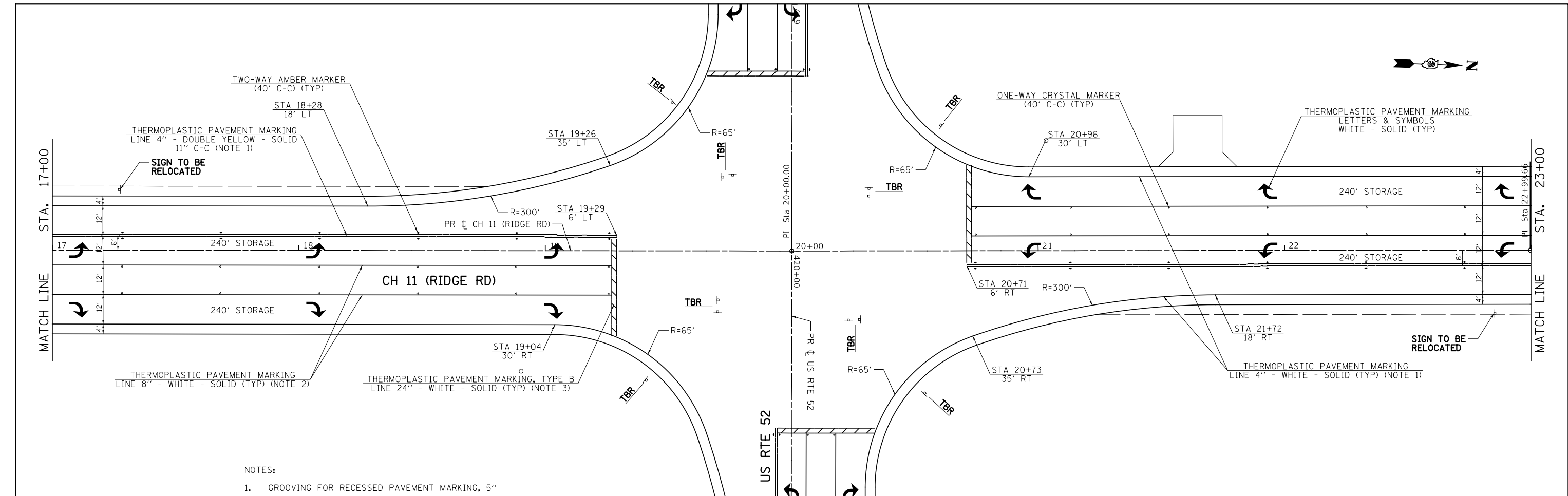
**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
PAVEMENT MARKING AND SIGNAGE PLAN**

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 5+00 TO STA. 17+00

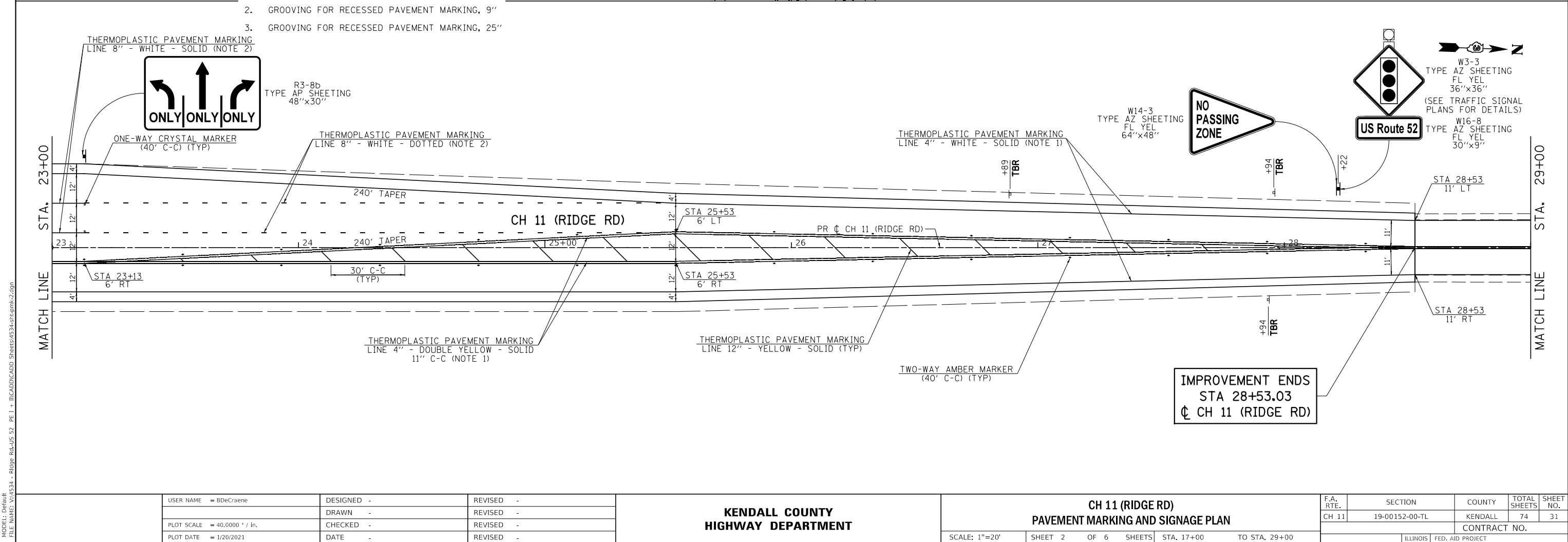
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	30
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE Name: W334 - Ridge Rd-US 52 - PE 1 - ILLCADDCADD_Sheets\534shtcgm2.dgn



NOTES:

1. GROOVING FOR RECESSED PAVEMENT MARKING, 5"
2. GROOVING FOR RECESSED PAVEMENT MARKING, 9"
3. GROOVING FOR RECESSED PAVEMENT MARKING, 25"



USER NAME	= BDcraene	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVIS	-
PLOT SCALE	= 40,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 1/20/2021	DATE	-	REVISED	-

KENDALL COUNTY
HIGHWAY DEPARTMENT

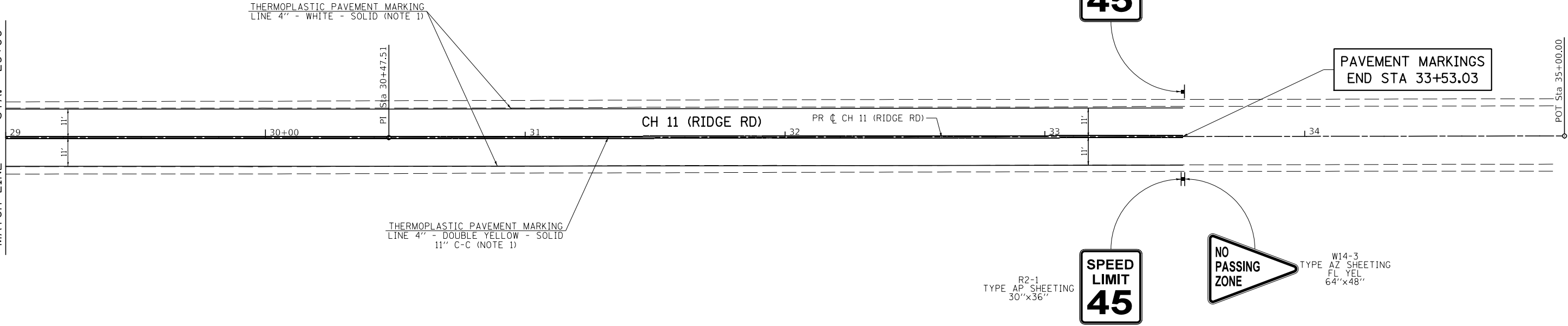
CH 11 (RIDGE RD)
PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 17+00 TO STA. 29+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	31
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE Name: V:\1534 - Ridge Rd-US 52 - PE 1 + ILLCADD\CADD Sheets\1534\Sheet\mk-3.dgn

MATCH LINE STA. 29+00



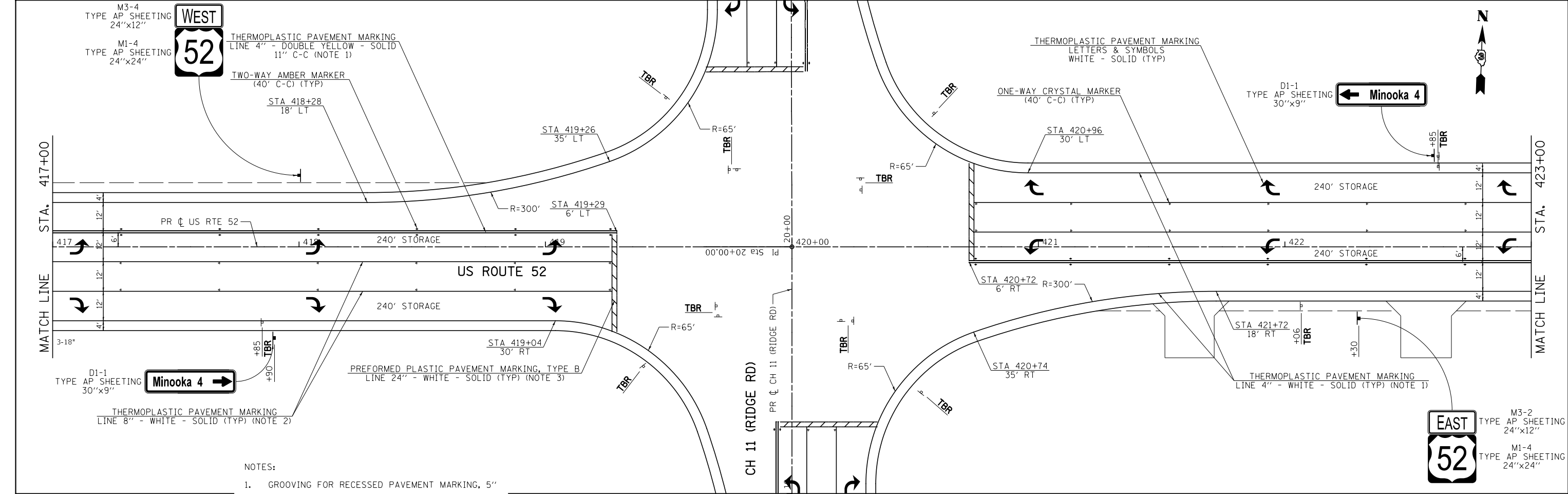
- NOTES:
- GROOVING FOR RECESSED PAVEMENT MARKING, 5"
 - SOUTHBOUND 55 MPH SIGN PANEL LOCATED 700' SOUTH OF BLACK ROAD TO BE REMOVED AND REPLACED WITH 45 MPH SIGN PANEL (R2-1).

USER NAME	= BDeCrane	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 40,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 1/20/2021	DATE	-	REVISED	-

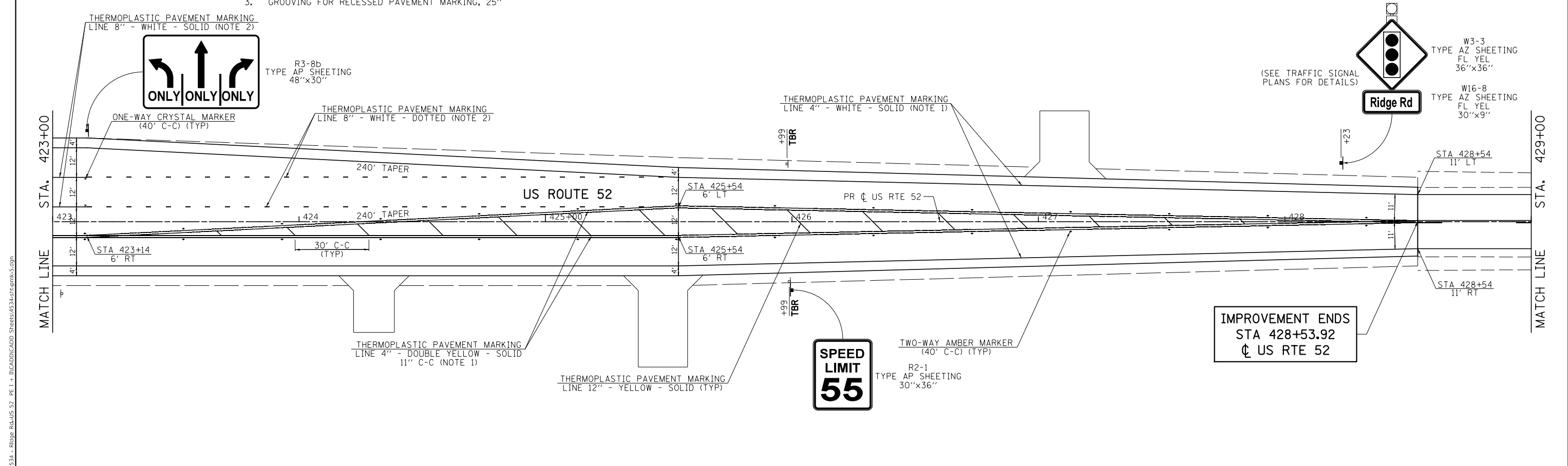
KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD) PAVEMENT MARKING AND SIGNAGE PLAN			
SCALE: 1"=20'	SHEET 3	OF 6 SHEETS	STA. 29+00 TO STA. 35+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	32
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



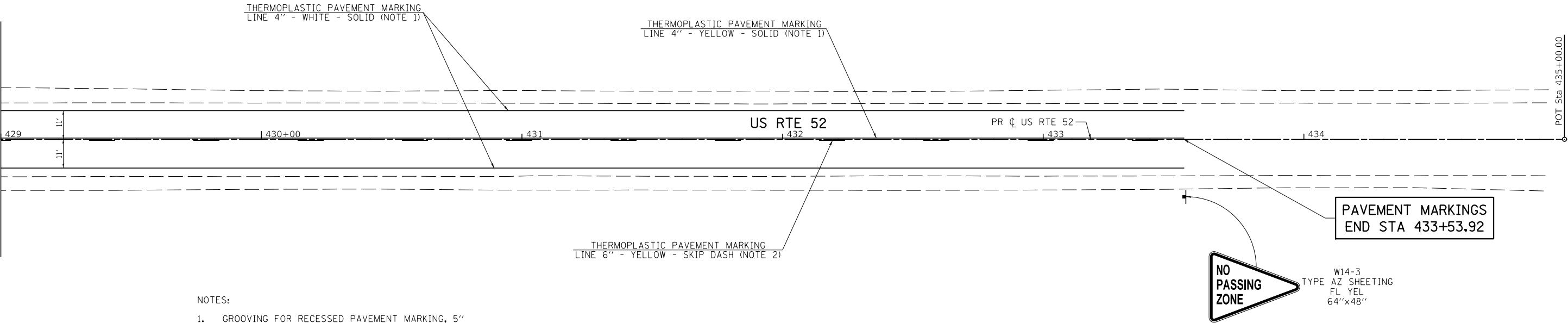
- NOTES:
- 1. GROOVING FOR RECESSED PAVEMENT MARKING, 5"
 - 2. GROOVING FOR RECESSED PAVEMENT MARKING, 9"
 - 3. GROOVING FOR RECESSED PAVEMENT MARKING, 25"



MODEL: Default FILE NAME: W334 - Ridge Rd-US 52 - PE 1 - ILLCADDCADD_Sheets\534shtcadd5.dgn	USER NAME = BDeCrane		DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	US RTE 52 PAVEMENT MARKING AND SIGNAGE PLAN					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -							CH 11	19-00152-00-TL	KENDALL	74	34
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	PLOT DATE = 1/20/2021		DATE -	REVISED -		SCALE: 1"=20'	SHEET 5 OF 6 SHEETS	STA. 417+00 TO STA. 429+00	ILLINOIS FED. AID PROJECT						

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MATCH LINE STA. 429+00



- NOTES:
1. GROOVING FOR RECESSED PAVEMENT MARKING, 5"
 2. GROOVING FOR RECESSED PAVEMENT MARKING, 7"

USER NAME	= BDeCrane	DESIGNED	-	REVISED	-
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PLOT SCALE	= 40,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 1/20/2021	DATE	-	REVISED	-

KENDALL COUNTY
HIGHWAY DEPARTMENT

US RTE 52
PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 429+00 TO STA. 435+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	35
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL GENERAL NOTES:

1.

THE CONTRACTOR SHALL CONTACT THE DISTRICT 3 TRAFFIC SIGNAL SECTION A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.
2.

THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 3, SHALL BE NOTIFIED AT 815-434-8506 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.
3.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.
4.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.
5.

ALL TRAFFIC SIGNAL HEADS SHALL BE 12-INCH POLYCARBONATE.
6.

TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
7.

A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED IN THE COST OF CONDUIT PAY ITEM.
8.

THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON. COST TO BE INCLUDED IN THE TRAFFIC SIGNAL CONTROLLER PAY ITEM.
9.

ALL CONDUIT IN TRENCH SHALL BE P.V.C. ALL CONDUIT UNDER PAVEMENT SHALL BE SCHEDULE 80 OR GALVANIZED STEEL. CONDUIT ATTACHED TO STRUCTURE SHALL BE GALVANIZED STEEL.
10.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
11.

THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
12.

ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
13.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED, CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
14.

ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN JUNCTION BOXES WILL NOT BE ALLOWED.
15.

THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET.
16.

THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CHORD WITHIN THE POLICE DOOR COMPARTMENT. THIS WORK SHALL BE INCLUDED IN THE CONTROLLER CABINET PAY ITEM.
17.

THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
18.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
19.

THE ELEVATION OF THE TOP OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE TOP OF THE CONTROLLER FOUNDATION.
20.

ALL UNINTERRUPTIBLE POWER SUPPLIES SHALL BE EQUIPPED WITH ALPHA GUARD MONITORS.
21.

ALL GROUNDING MATERIALS FOR CONCRETE FOUNDATIONS SHALL REFER TO SECTION 806 OF THE STANDARD SPECIFICATIONS.
22.

ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED WITH SEED OR SOD TO THE SATISFACTION OF THE ENGINEER. SEEDING OR SODDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.

23.

THE SURGE PROTECTOR IN THE CONTROLLER CABINET SHALL HAVE AN INDICATOR LIGHT.
24.

THE MAST ARM FOUNDATIONS SHALL BE LOCATED A MINIMUM 6' FROM THE FACE OF THE CURB OR A MINIMUM OF 18' FROM THE EDGE OF PAVEMENT TO THE FACE OF THE FOUNDATION WHERE THERE IS NO CURB, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IN CURB AREA, GET MORE THAN 6' IF POSSIBLE IF THE SIGNAL HEAD STILL LINES UP IN THE CENTER OF LANE.
25.

ONE WEEK PRIOR TO SIGNAL TURN-ON FOR ALL DIRECTIONS, THE CHANGEABLE MESSAGE SIGNS SHOULD READ "NEW SIGNAL AHEAD / TURN ON DATE" FOR THREE WEEKS. AFTER THE SIGNALS ARE TURNED ON THE MESSAGE SIGN SHOULD READ "NEW SIGNAL AHEAD / BE PREPARED TO STOP", FOR FOUR WEEKS.
26.

ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.
27.

ALL SIGNAL HEADS SHALL HAVE BACKPLATES. BACKPLATES SHALL BE RETROREFLECTIVE, LOUVERED BACKPLATES. SEE SPECIAL PROVISIONS FOR MORE INFORMATION.
28.

ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE POLYCARBONATE BLACK HOUSING AND STEEL OR ALUMINUM BRACKETS.
29.

ALL TRAFFIC SIGNAL CONTROLLERS SHALL INCLUDE NTCIP.

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES		
DESCRIPTION	UNIT	TOTAL QUANTITY
SIGN PANEL - TYPE 1	SQ FT	20
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
CONDUIT ENCASED IN CONCRETE, 2" DIA., PVC	FOOT	25
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	17
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	349
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1513
UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	63
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	113
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	16
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	24
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	7
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1875
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	970
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3370
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	40
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2156
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	4
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	8
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1
RADAR VEHICLE DETECTION SYSTEM	EACH	1
SIGNAL TIMING	L SUM	1
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	20
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
CABLE, SPECIAL	FOOT	842

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PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/28/2021	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD) & US RTE 52
TRAFFIC SIGNAL GENERAL NOTES & SCHEDULE OF QUANTITIES

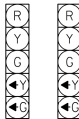
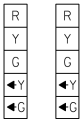
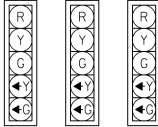
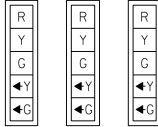
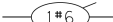
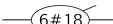
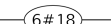
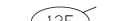
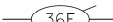
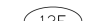
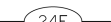
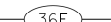
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RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	36
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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FILE Name: CH11 - Ridge Rd-US 52 - Bridge Rd-US 52 - ILLCADD\CADD_Sheets\4314\ch11c-2.dgn

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

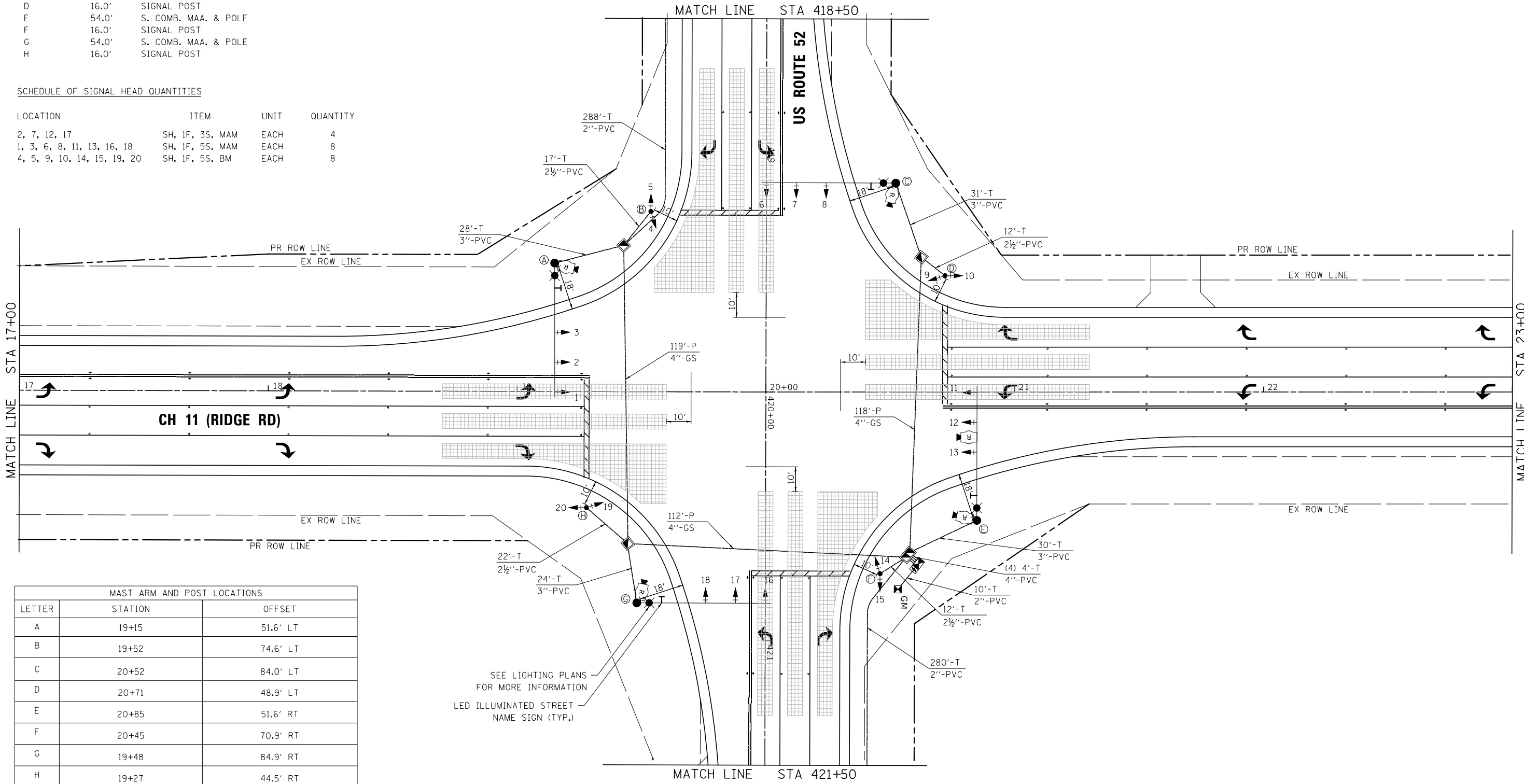
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND				P	P
MASTER CONTROLLER			DOUBLE HANDHOLE			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER MASTER CONTROLLER			JUNCTION BOX				P	RB
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM					
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL					
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CROSSING GATE					
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL					
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM	S	SP	NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
WOOD POLE			INTERSECTION ITEM	I	IP	GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
GUY WIRE			REMOVE ITEM		R	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
SIGNAL HEAD			RELOCATE ITEM		RL	COAXIAL CABLE		
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM		A	VENDOR CABLE		
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF	COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF	FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	  	  
	 	 	SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF			
PEDESTRIAN SIGNAL HEAD			DETECTOR LOOP, TYPE I					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	 	 	PREFORMED DETECTOR LOOP					
RADAR DETECTION SENSOR			SAMPLING (SYSTEM) DETECTOR					
VIDEO DETECTION CAMERA			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			WIRELESS DETECTOR SENSOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS ACCESS POINT					
CONFIMATION BEACON								
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

SCHEDULE OF POLE/MAST ARM ASSEMBLIES

LOCATION	LENGTH	
A	54.0'	S. COMB. MAA. & POLE
B	16.0'	SIGNAL POST
C	54.0'	S. COMB. MAA. & POLE
D	16.0'	SIGNAL POST
E	54.0'	S. COMB. MAA. & POLE
F	16.0'	SIGNAL POST
G	54.0'	S. COMB. MAA. & POLE
H	16.0'	SIGNAL POST

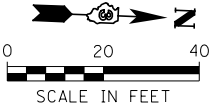
SCHEDULE OF SIGNAL HEAD QUANTITIES

LOCATION	ITEM	UNIT	QUANTITY
2, 7, 12, 17	SH, 1F, 3S, MAM	EACH	4
1, 3, 6, 8, 11, 13, 16, 18	SH, 1F, 5S, MAM	EACH	8
4, 5, 9, 10, 14, 15, 19, 20	SH, 1F, 5S, BM	EACH	8



MAST ARM AND POST LOCATIONS		
LETTER	STATION	OFFSET
A	19+15	51.6' LT
B	19+52	74.6' LT
C	20+52	84.0' LT
D	20+71	48.9' LT
E	20+85	51.6' RT
F	20+45	70.9' RT
G	19+48	84.9' RT
H	19+27	44.5' RT

NOTE: LOCATIONS OF TRAFFIC SIGNAL POSTS AND MAST ARM ASSEMBLIES MAY BE CHANGED IN THE FIELD AS NECESSARY TO AVOID UTILITIES. THE NEW LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER AND APPROVED BY THE DISTRICT TRAFFIC SIGNAL SECTION TO ENSURE THE NEW LOCATIONS MEET OPERATIONAL OFFSET/CLEAR ZONE REQUIREMENTS AND MAINTAIN PROPER POSITION OF SIGNAL HEADS IN RELATION TO THE TRAVELED LANES.



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PLOT DATE = 1/20/2021	DATE -	REVISED -

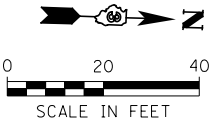
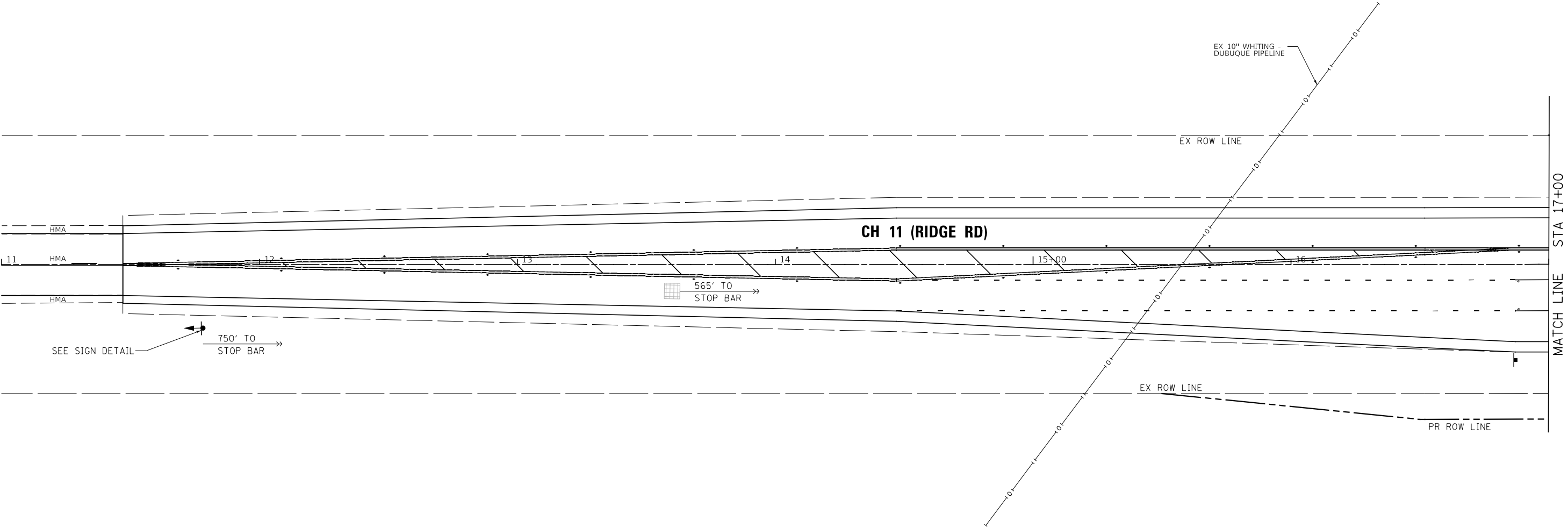
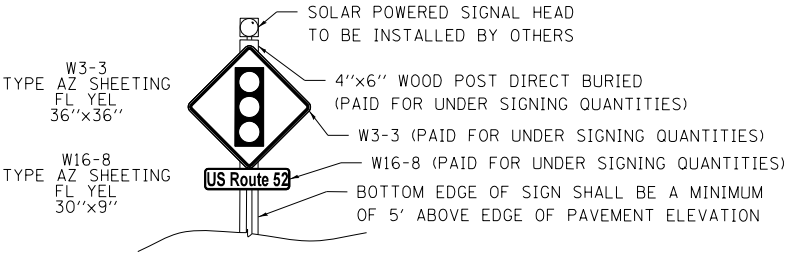
KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD) & US RTE 52 TRAFFIC SIGNAL PLAN			
SCALE: 1"=20'	SHEET 3	OF 10 SHEETS	STA. 17+00 TO STA. 23+00

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	38
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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SIGN DETAIL

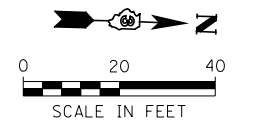


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		DRAWN -	REVISED -							CH 11	19-00152-00-TL	KENDALL	74	39
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	PLOT DATE = 1/20/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									
							SCALE: 1"=20'	SHEET 4	OF 10 SHEETS	STA. 11+00	TO STA. 17+00			

Diagram illustrating the components and specifications for a diamond-shaped traffic sign with a traffic light symbol and a 'US Route 52' plaque.

Sign Components and Specifications:

- Top Component:** SOLAR POWERED SIGNAL HEAD TO BE INSTALLED BY OTHERS
- Post:** 4"X6" WOOD POST DIRECT BURIED (PAID FOR UNDER SIGNING QUANTITIES)
- Sign Face:** W3-3 (PAID FOR UNDER SIGNING QUANTITIES)
- Plaque:** W16-8 (PAID FOR UNDER SIGNING QUANTITIES)
- Sign Face Material:** TYPE W3-3, AZ SHEETING, FL YEL, 36"X36"
- Plaque Material:** TYPE W16-8, AZ SHEETING, FL YEL, 30"X9"
- Installation Requirement:** BOTTOM EDGE OF SIGN SHALL BE A MINIMUM OF 5' ABOVE EDGE OF PAVEMENT ELEVATION

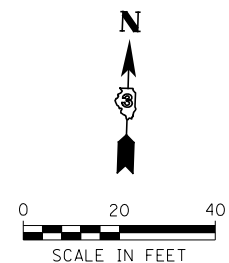
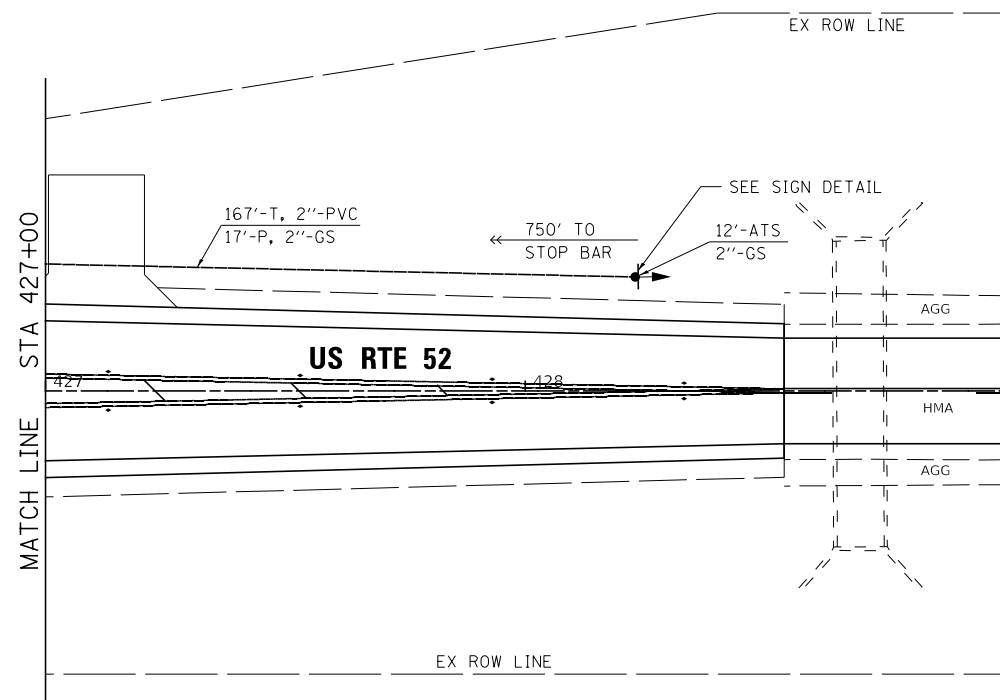
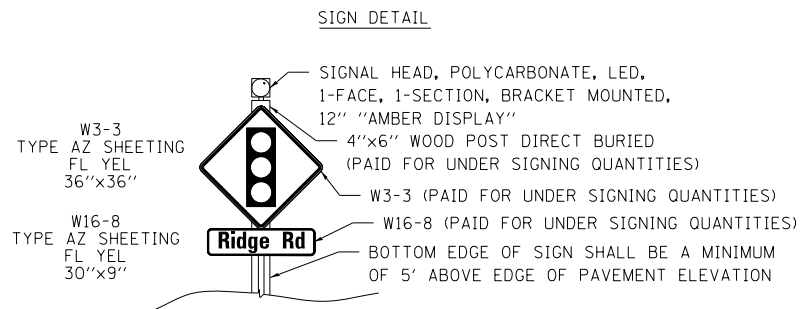
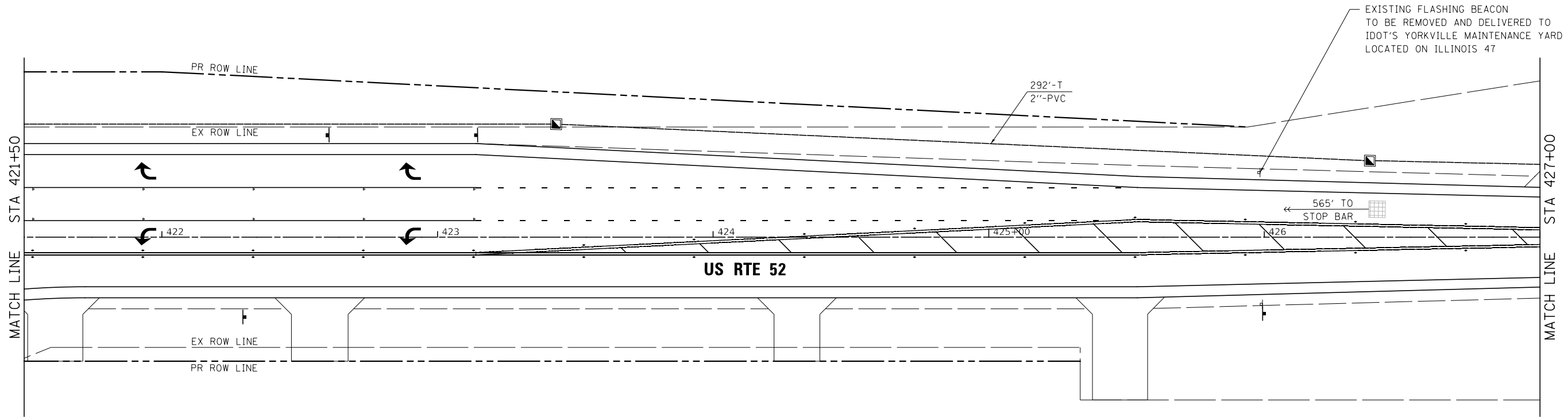


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CH 11 (RIDGE RD) TRAFFIC SIGNAL PLAN

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	40
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

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KENDALL COUNTY
HIGHWAY DEPARTMENT

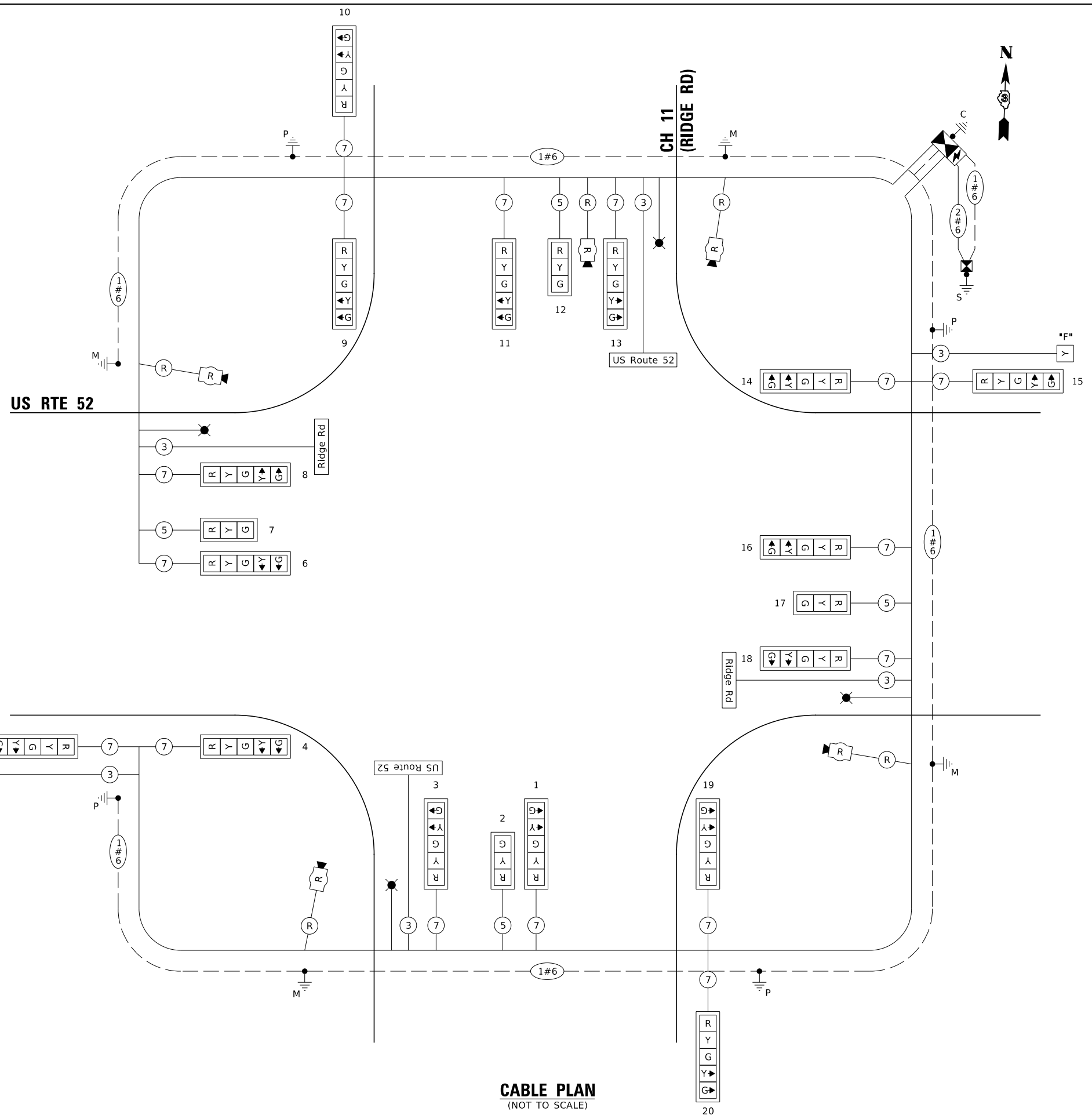
US RTE 52
TRAFFIC SIGNAL PLAN

SCALE: 1"=20' SHEET 7 OF 10 SHEETS STA. 421+50 TO STA. 430+00

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	42
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

 PROTECTED PHASE
 PROTECTED/PERMITTED PHASE
 OL OVERLAP

OVERLAP LETTER		PROTECTED PHASE
A	=	3
B	=	5
C	=	7
D	=	1



CH 11 (RIDGE RD) & US RTE 52 PHASE DIAGRAM, CABLE PLAN, EVP SEQUENCE & LIGHTING CIRCUIT DIAGRAM

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	43
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

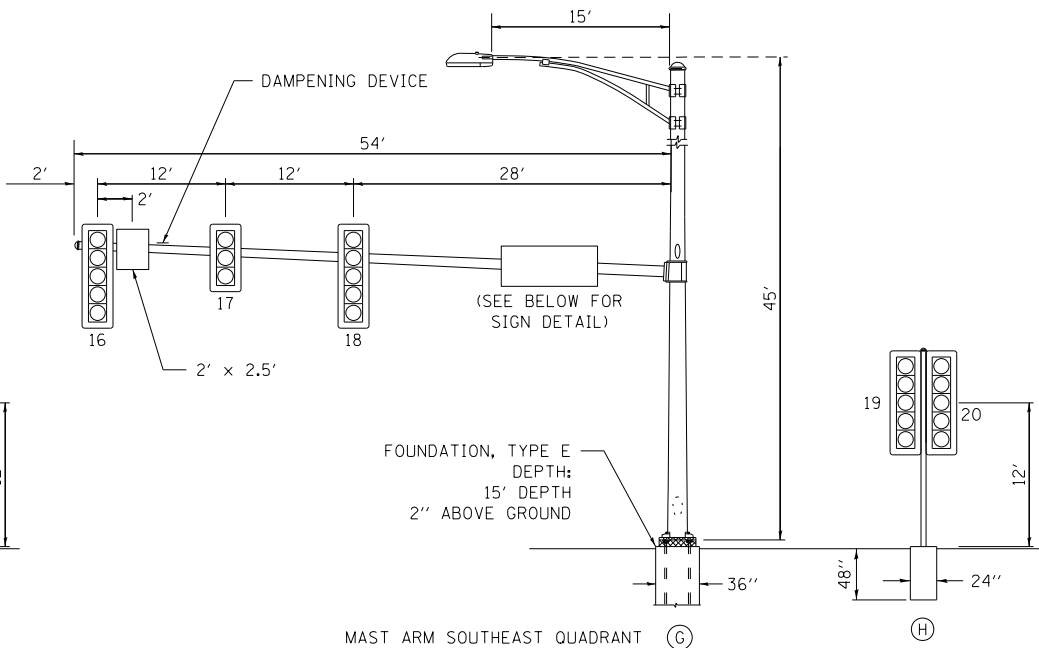
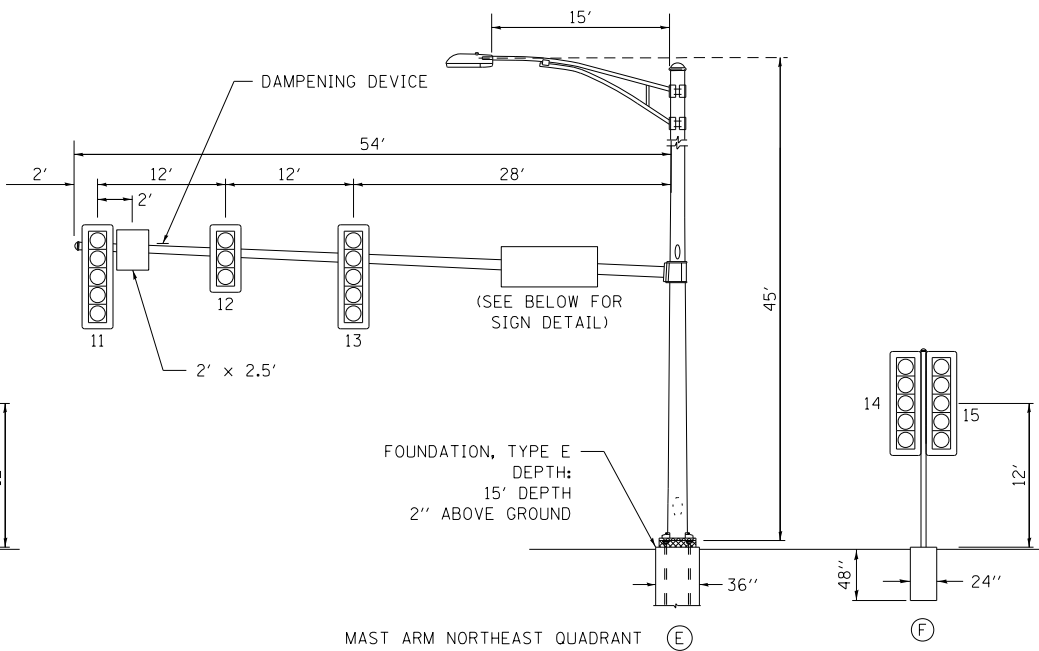
CH 11 (RIDGE RD)		WATTAGE	BURN
INDICATION	NUMBER	EACH	TIME (%)
RED	10	11	20
YELLOW	10	20	5
GREEN	10	12	45
YELLOW ARROW	8	10	20
GREEN ARROW	8	10	10
STREET NAME SIGN	2	120	50
RADAR SYSTEM	2	3.7	100

INDICATION	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	10	11	55
YELLOW	10	20	5
GREEN	10	12	20
YELLOW ARROW	8	10	10
GREEN ARROW	8	10	10
YELLOW FLASHER	2	20	50
STREET NAME SIGN	2	120	50
RADAR SYSTEM	2	3.7	100

ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	100	100
INDUCTIVE LOOP DETECTOR	20	1.5	100
UNINTERRUPTIBLE POWER SUPPLY	1	25	100

ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100
LUMINAIRE	4	194	45

1. WORD "GRADE" IS TO BE INTERPRETED AS TOP OF CURB. TOP OF FOUNDATION SHALL NOT BE EXPOSED MORE THAN 4" ABOVE THE SURROUNDING GROUND.
2. ALL SIGNAL HEADS SHALL HAVE RETROREFLECTIVE, LOUVERED BACKPLATES.
3. FOUNDATION SHOULD BE 2" ABOVE GROUND OR 1" ABOVE CENTERLINE OF ROADWAY, WHICHEVER IS HIGHER.
4. THE ENERGY CHARGES ARE THE RESPONSIBILITY OF KENDALL COUNTY AND THE BILL SHOULD BE SET UP UNDER THEIR NAME.



2 REQUIRED



TYPE AP SHEETING REQUIRED

(TOP VIEW) INCLUDED IN COST OF MAST ARM

USER NAME = BDeGraene	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

CH 11 (RIDGE RD) & US RTE 52
MAST ARM LOADING DIAGRAM, ELECTRICAL LOAD CHART & SIGN DETAILS

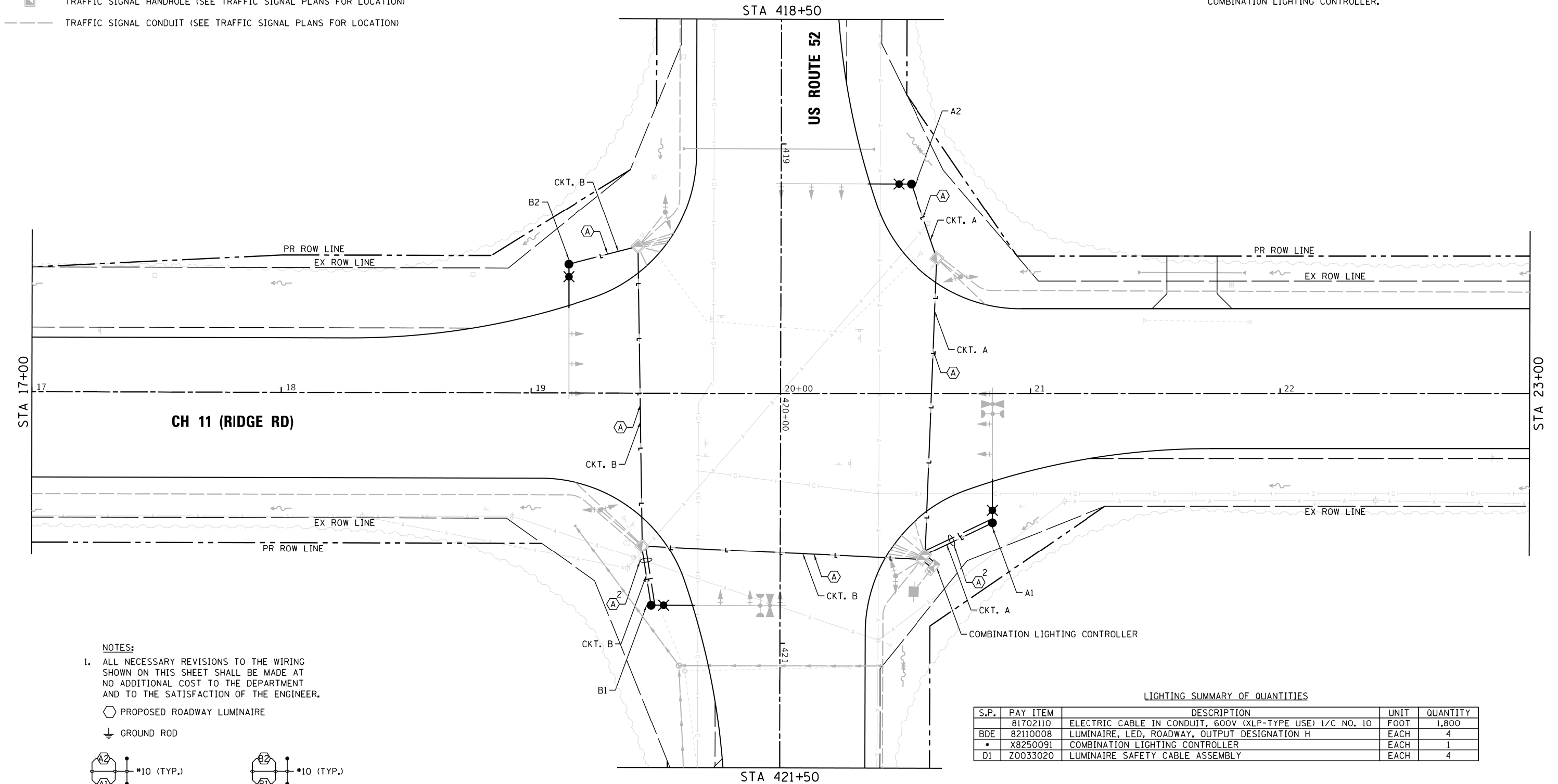
RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	44
		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

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MODEL: Default
FILE NAME: S:\projects\1909 - Kendall County Ridge Road Theodore St. to Cabon Farm Rd Hutchingson Engineering\Project Work\CADD\CADD Sheets\4534-sh1-light-001.dgn

- LEGEND**
- PROPOSED ROADWAY LED LUMINAIRE, 120V, 45 FT. M.H., 15 FT. M.A., ON STEEL COMBINATION MAST ARM AND POLE (SEE TRAFFIC SIGNAL PLANS FOR LOCATION)
 - ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO. 10, 1/C NO. 10 GROUND (SEE NOTE 1)
 - COMBINATION LIGHTING CONTROLLER (SEE TRAFFIC SIGNAL PLANS FOR LOCATION)
 - TRAFFIC SIGNAL HANDHOLE (SEE TRAFFIC SIGNAL PLANS FOR LOCATION)
 - TRAFFIC SIGNAL CONDUIT (SEE TRAFFIC SIGNAL PLANS FOR LOCATION)

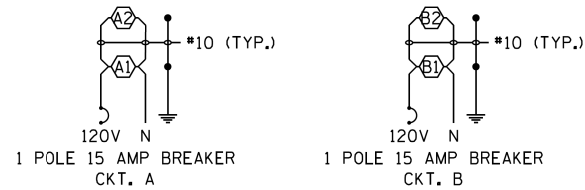
- NOTES:**
- ROUTE COMBINATION ROADWAY LIGHTING CIRCUITS IN TRAFFIC SIGNAL CONDUIT (SEE TRAFFIC SIGNAL PLANS). ELECTRIC CABLE FOR ROADWAY LIGHTING CIRCUITS SHALL RUN CONTINUOUS WITHOUT ANY UNDERGROUND SPLICES. SPLICING OF ELECTRIC CABLE WILL BE PERMITTED ONLY IN THE LIGHT POLE HANDHOLE.
 - COMBINATION ROADWAY LUMINAIRES SHALL BE POWERED FROM THE COMBINATION LIGHTING CONTROLLER.



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

PROPOSED ROADWAY LUMINAIRE

GROUND ROD

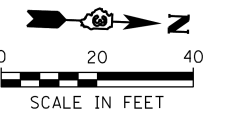


COMBINATION LIGHTING CONTROLLER
CH 11 (RIDGE RD) & US RTE 52

LIGHTING SUMMARY OF QUANTITIES				
S.P.	PAY ITEM	DESCRIPTION	UNIT	QUANTITY
	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,800
BDE	82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4
	X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
D1	Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	4

LEGEND FOR S.P. COLUMN:

- INDICATES SPECIAL PROVISION
- BDE INDICATES IDOT BDE SPECIAL PROVISION
- D1 INDICATES IDOT DISTRICT 1 SPECIAL PROVISION



USER NAME = BBARR	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/14/2021	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD) & US RTE 52
LIGHTING PLAN**

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 17+00 TO STA. 23+00

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	46
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



Luminaire Performance Table



Project

Date	Contract Number	Section Number	County
01/14/21		19-00152-00-TL	Kendall
Marked Route Number		Municipality	
CH 11		Seward Township	

Roadway

Lane Width	# of Lanes	Median Width	I.E.S. Surface Classification	Q-Zero Value
12ft	3	0ft	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back	Number of Luminaires (Highmast & Sign Lighting Only)
45ft	15ft	25ft	N/A

Luminaire

Description	I.E.S. Lateral Distribution	I.E.S. Vertical Distribution	
LED, Roadway, Output Designation H	Type III	Medium	
Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol
0.7	U=0	N/A	0-10V

Layout

Spacing (to Nearest 5 ft)	Configuration (Opposite, Staggered, 1 Sided, or Median)
270ft	Opposite w/ Median

Performance

Average Illuminance, E _{AVE} (fc)	Uniformity Ratio, E _{AVE} /E _{MIN}		
≥ 0.8	≤ 3.0		
Average Luminance, L _{AVE} (cd/m ²)	Uniformity Ratio, L _{AVE} /L _{MIN}	Uniformity Ratio, L _{MAX} /L _{MIN}	Veiling Luminance Ratio, L _V /L _{AVE}
N/A	N/A	N/A	≤ 0.3

Light Tresspass

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

Notes

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

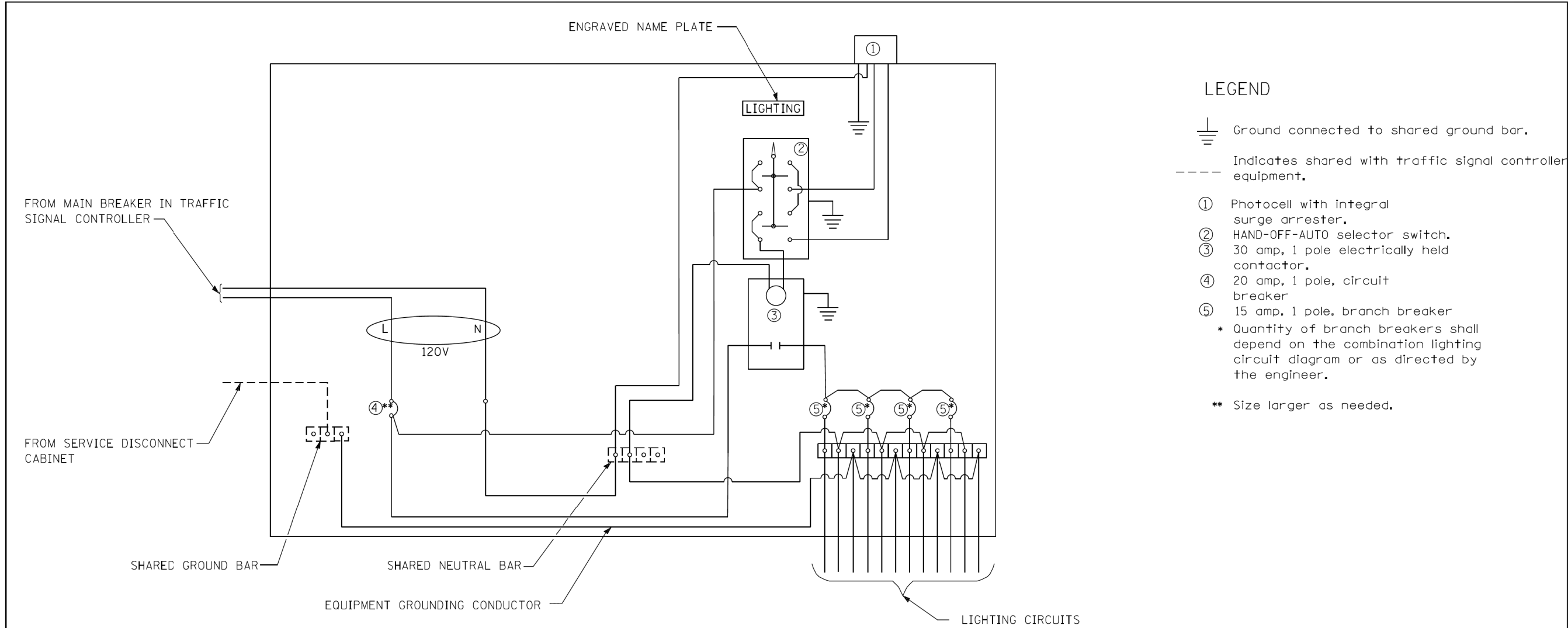
1. Three (3) lanes in each direction of travel.
2. Compliance with performance criteria shall be held to one significant digit.
3. Initial lumens of the proposed luminaire may exceed values specified in the table given in Article 1067.06 of the BDE Special Provision for Luminaire, LED.

Printed 01/14/21

BDE 5630 (04/10/19)

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	USER NAME = BBARR	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	CH 11 (RIDGE RD) & US RTE 52 LUMINAIRE PERFORMANCE TABLE			RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/14/2021	DATE -	REVISED -		SCALE: NONE	SHEET 2	OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



LEGEND

- Ground connected to shared ground bar.
- Indicates shared with traffic signal controller equipment.
- Photocell with integral surge arrester.
- HAND-OFF-AUTO selector switch.
- 30 amp, 1 pole electrically held contactor.
- 20 amp, 1 pole, circuit breaker
- 15 amp, 1 pole, branch breaker
- * Quantity of branch breakers shall depend on the combination lighting circuit diagram or as directed by the engineer.
- ** Size larger as needed.

COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM

GENERAL NOTES

- All control installation components shall be U.L. listed.
- All wiring shall be neatly dressed, identified by tags, and supported.
- The circuit breaker shall be clearly labeled for lighting according to Article 1068.01(f) of the Standard Specifications.
- Install under eave photocell on traffic signal controller cabinet per Article 1068.01(e)(2) of the Standard Specifications.
- All lighting equipment shall be installed on a side mounted insulated subpanel per Article 1068.01(e)(9) of the Standard Specifications on the lower right hand side of the traffic signal controller or as directed by the engineer.
- Provide an engraved stainless steel nameplate on the sub panel reading "LIGHTING".

DATE	REVISIONS	COMBINATION LIGHTING CONTROLLER DETAIL	
10/13/14	NEW DETAIL		
01/07/17	CHANGE MAIN CB TO 20A		

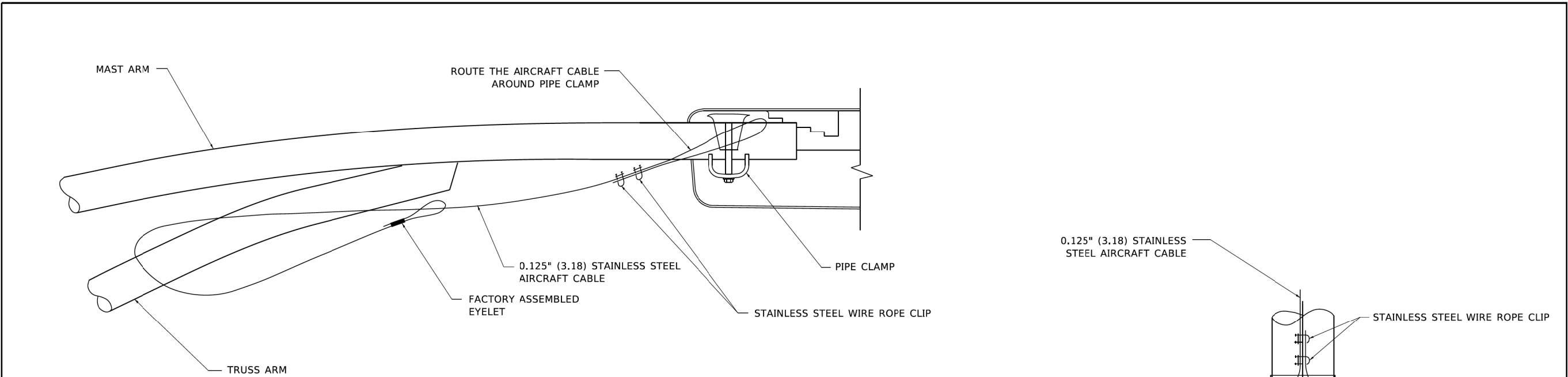
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	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / 1".	CHECKED -	REVISED -
PLOT DATE = 1/14/2021	DATE -	REVISED -

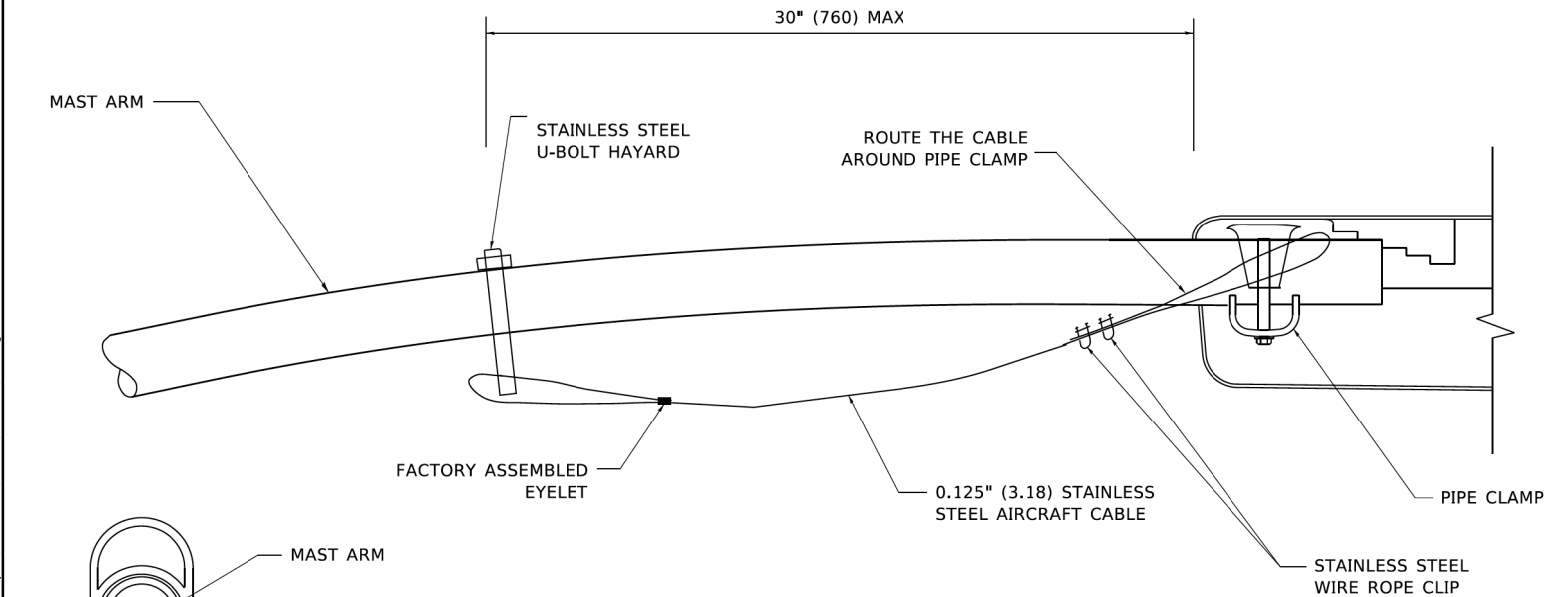
KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD) & US RTE 52 LIGHTING DETAILS			
SCALE: NONE	SHEET 3	OF 4 SHEETS	STA. TO STA.

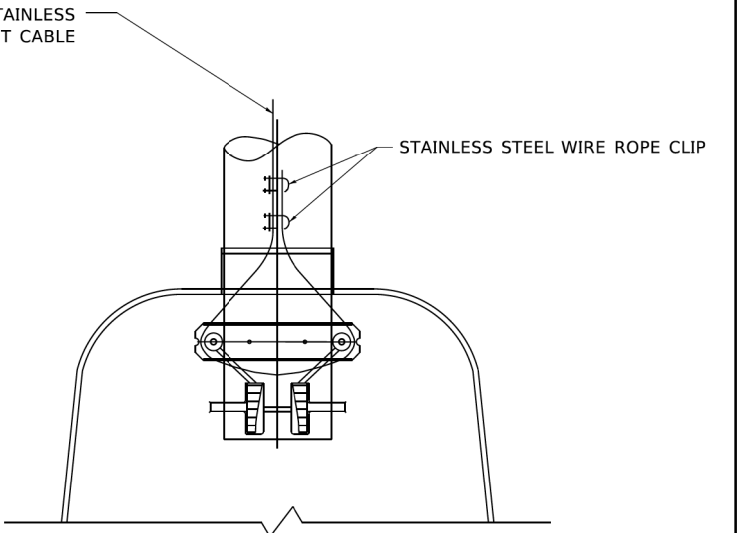
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CH 11	19-00152-00-TL	KENDALL	74	48
				CONTRACT NO.
				ILLINOIS FED. AID PROJECT



SIDE VIEW (TRUSS ARM)
N.T.S.



SIDE VIEW (SINGLE MEMBER OR DAVIT ARM)
N.T.S.



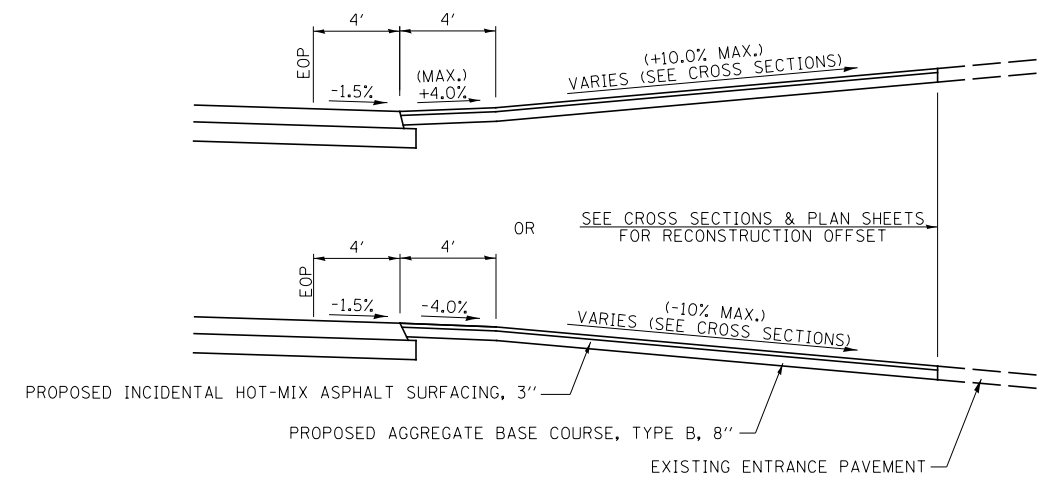
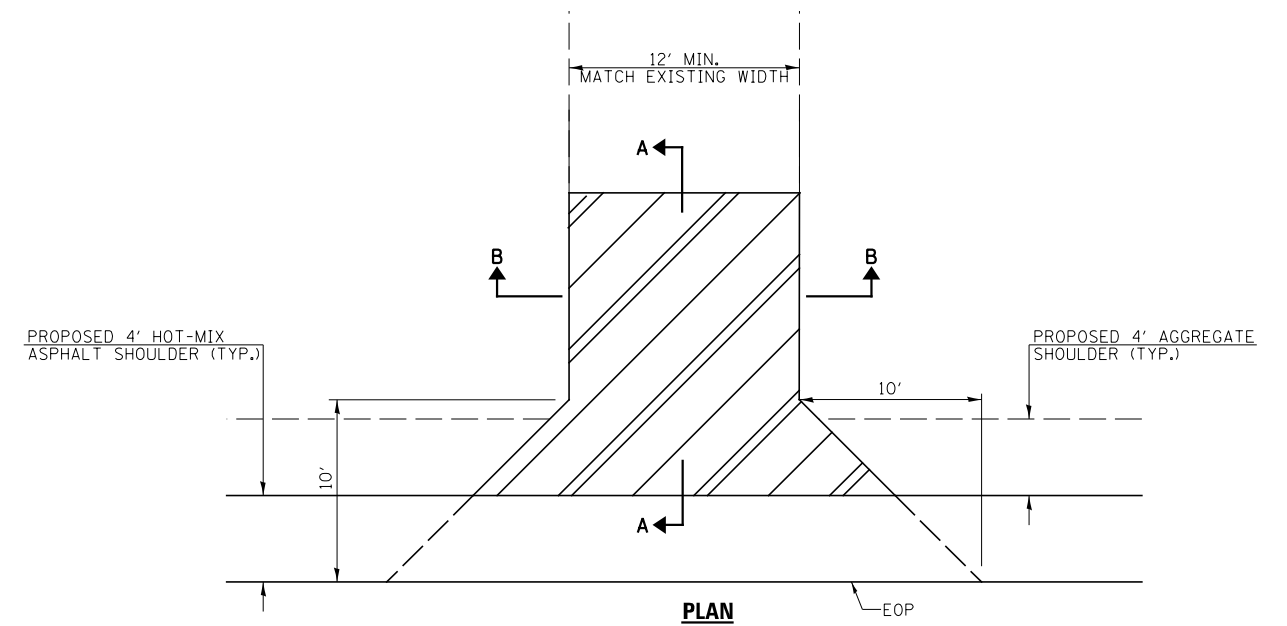
BOTTOM VIEW
N.T.S.

NOTES:

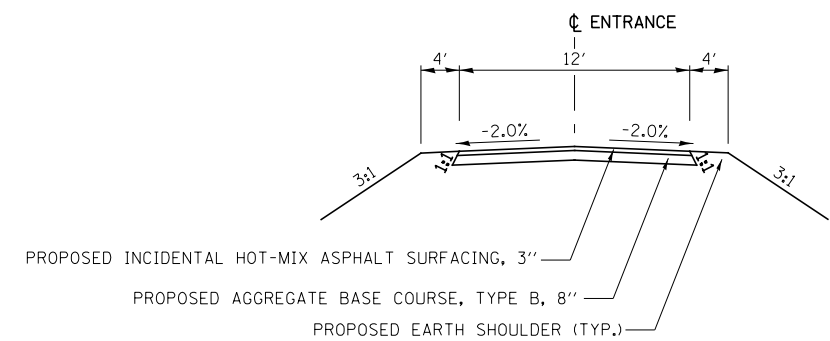
1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
2. CONTRACTOR SHALL ADJUST THE WIRE CLIP TO ELIMINATE ANY SLACK FROM THE WIRE ROPE.
3. THE 0.125" (3.18) STAINLESS STEEL AIRCRAFT CABLE SHALL REMAIN VISIBLE FROM THE GROUND LEVEL.
4. THE BREAKING STRENGTH OF THE CABLE SHALL BE 1700 LBS. MIN.

	USER NAME = [footem]	DESIGNED -	REVISED - 08-08-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LUMINAIRE SAFETY CABLE ASSEMBLY			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -									
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -		SCALE: NONE			BE-701				
	PLOT DATE = 4/19/2019	DATE -	REVISED -		SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

	USER NAME = BBARR	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	CH 11 (RIDGE RD) & US RTE 52 LIGHTING DETAILS			RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					CH 11	19-00152-00-TL	KENDALL	74	49
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	PLOT DATE = 1/14/2021	DATE -	REVISED -		SHEET 4	OF 4	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



SECTION A-A

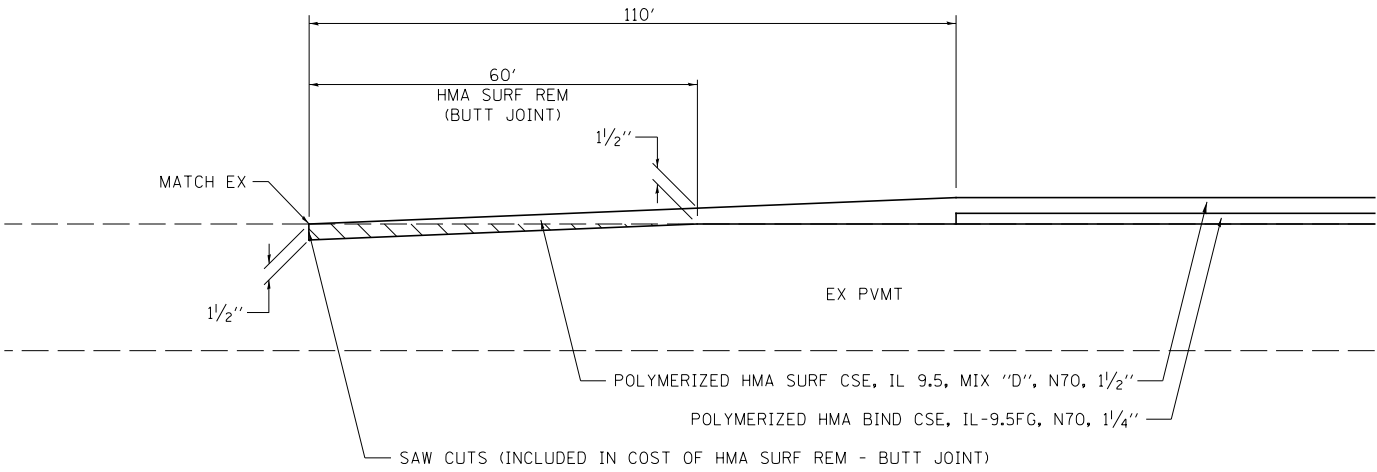


SECTION B-B

PRIVATE ENTRANCE (PE) DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	50
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

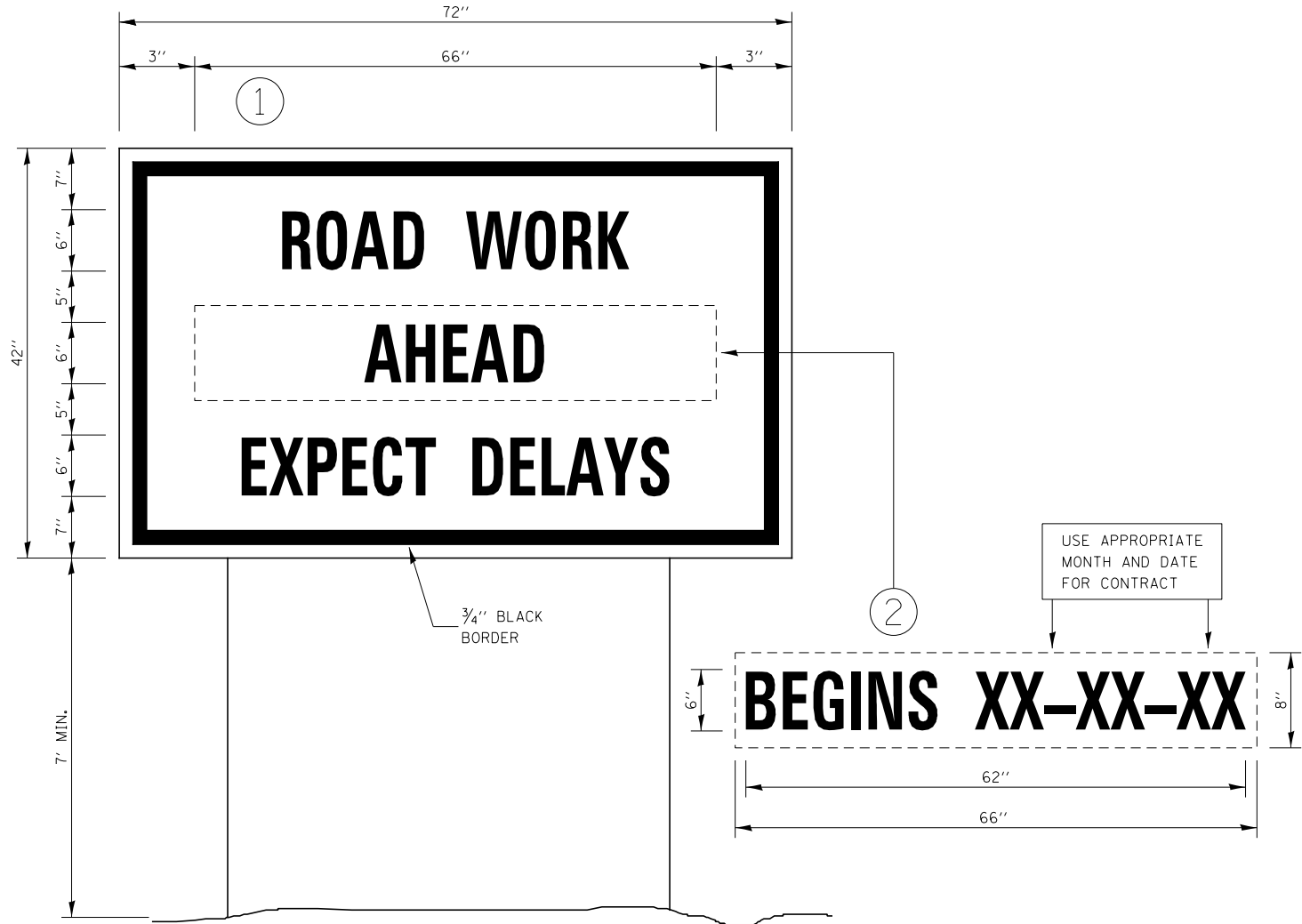
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BEGINNING /ENDING TRANSITION DETAIL

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	USER NAME = BDeCrane	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	CH 11 (RIDGE RD) SPECIAL DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					CH 11	19-00152-00-TL	KENDALL	74	51
	PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO.				
	PLOT DATE = 1/20/2021	DATE -	REVISED -		SCALE: N/A	SHEET 2	OF 3 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED. AID PROJECT		



TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

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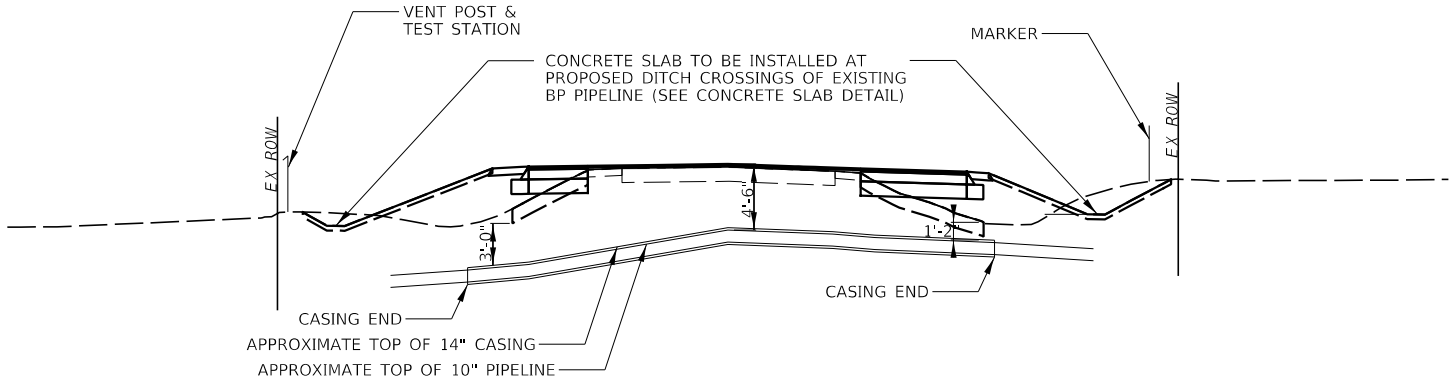
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD) & US 52
MISCELLANEOUS DETAILS**

SCALE: N/A SHEET 3 OF 3 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	52
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

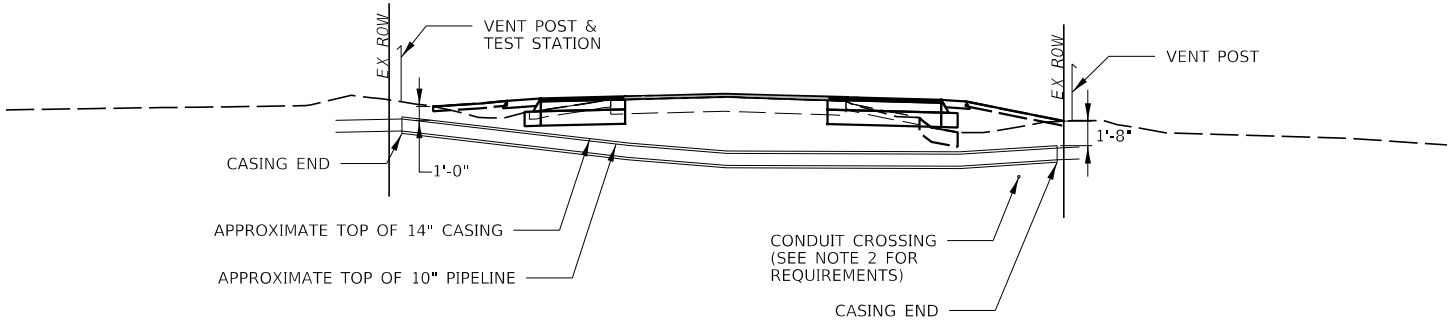


**RIDGE RD
PIPELINE CROSSING**

(STA 15+57.80)

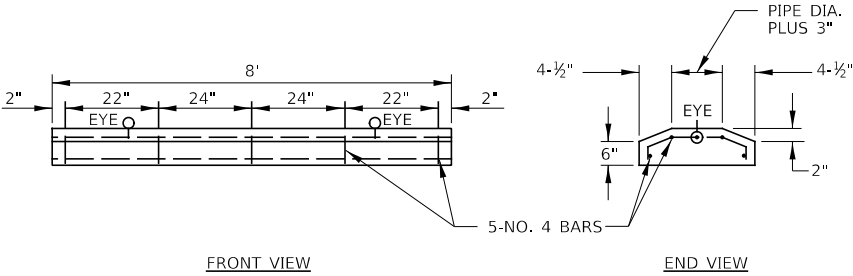
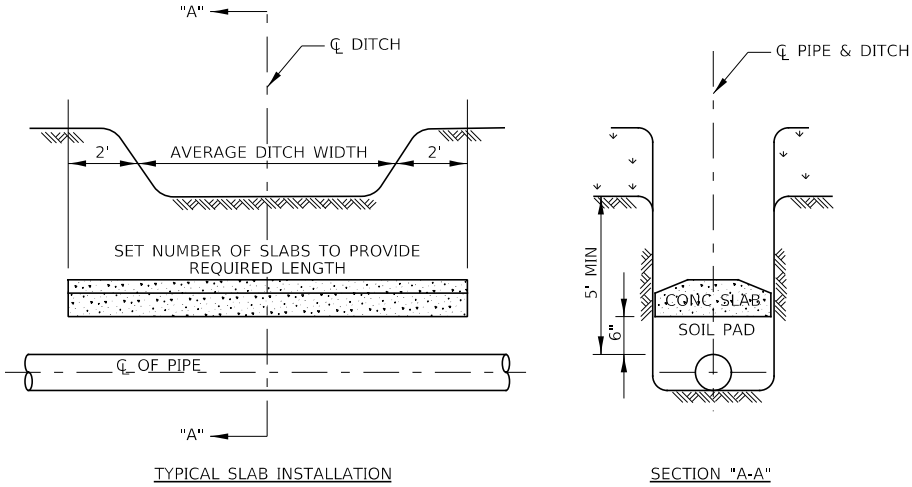
NOTES:

1. PLACE PERIMETER EROSION BARRIER TO PROTECT PIPELINE VENT POSTS AND TEST STATIONS.
2. ANY FOREIGN LINE SHALL CROSS UNDER THE PIPELINE WITH AT LEAST TWO FEET (2') OF VERTICAL SEPARATION (3' FOR FIBER OPTICS). IF THE FOREIGN LINE IS A TELECOMMUNICATIONS CABLE, POWER CABLE, OR SIMILAR NATURE, THE FOREIGN LINE SHALL BE PLACED IN A SCHEDULE 40 PVC CONDUIT, OR GREATER, FOR A LINEAR DISTANCE EXTENDING TEN FEET (10') ON EITHER SIDE OF THE CENTERLINE OF THE PIPELINE AND THIS DISTANCE SHALL EITHER BE ENCASED IN CONCRETE OR SHALL HAVE A CONCRETE CAP PLACED ON TOP OF IT.



**US 52
PIPELINE CROSSING**

(STA 415+00.30)



NOTES:

A MINIMUM 12" OF SOIL COVER IS REQUIRED ABOVE THE CONCRETE SLAB

CONCRETE SLAB DETAIL

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		DRAWN	-	REVISED	-
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PLOT DATE	= 1/20/2021	DATE	-	REVISED	-

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
BP PIPELINE DETAIL**

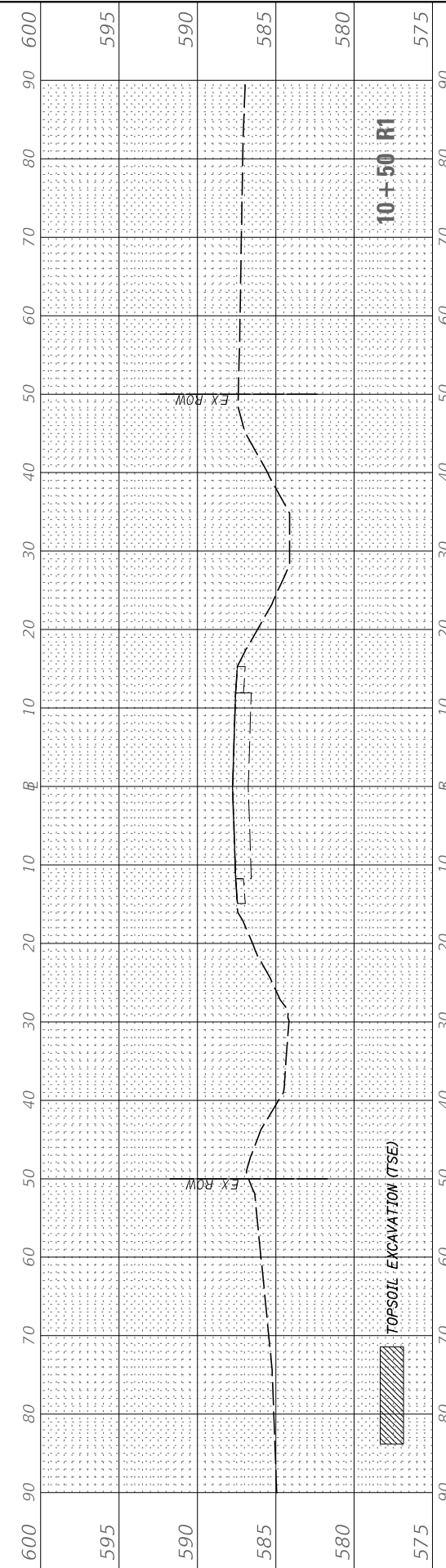
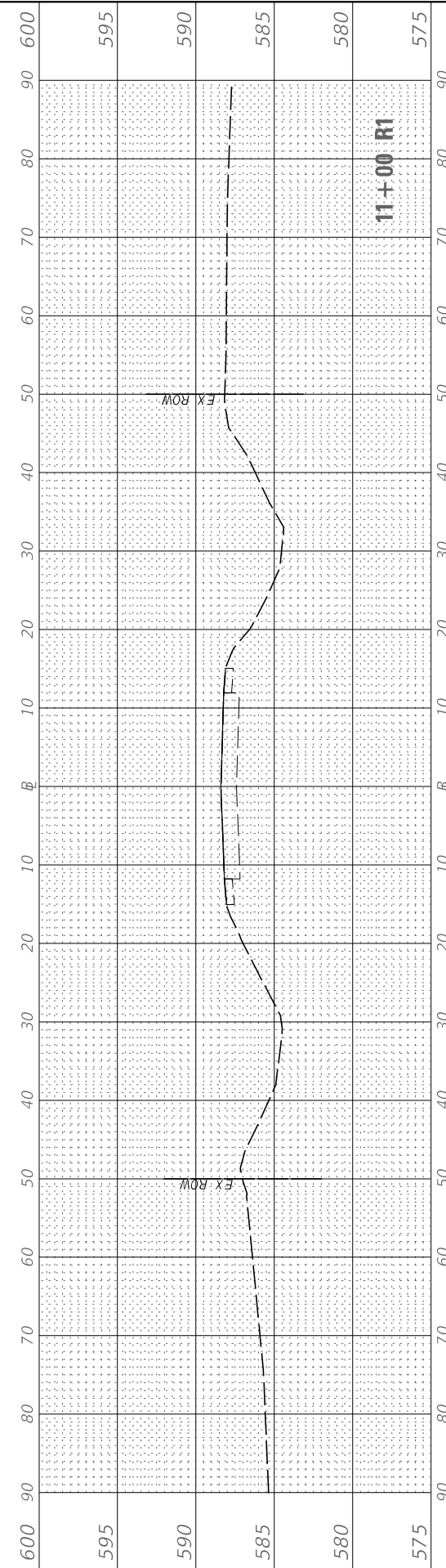
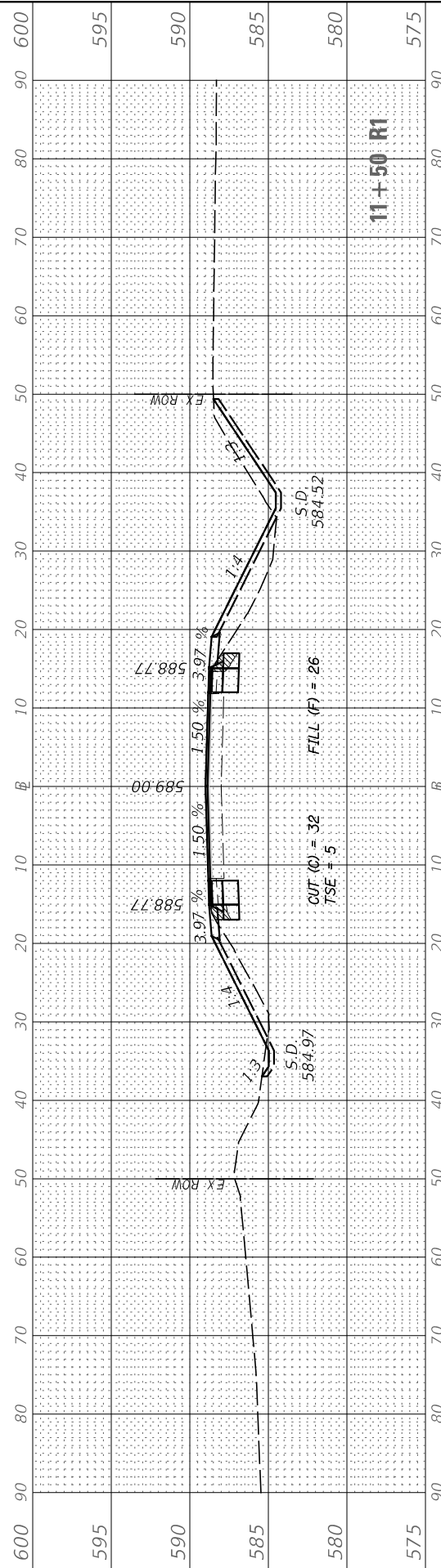
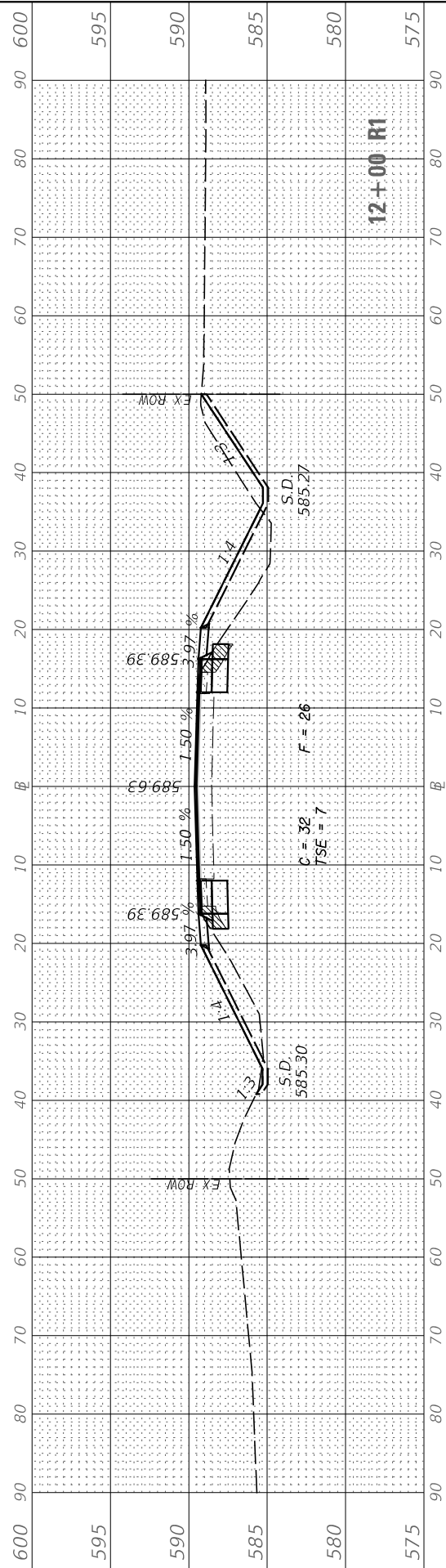
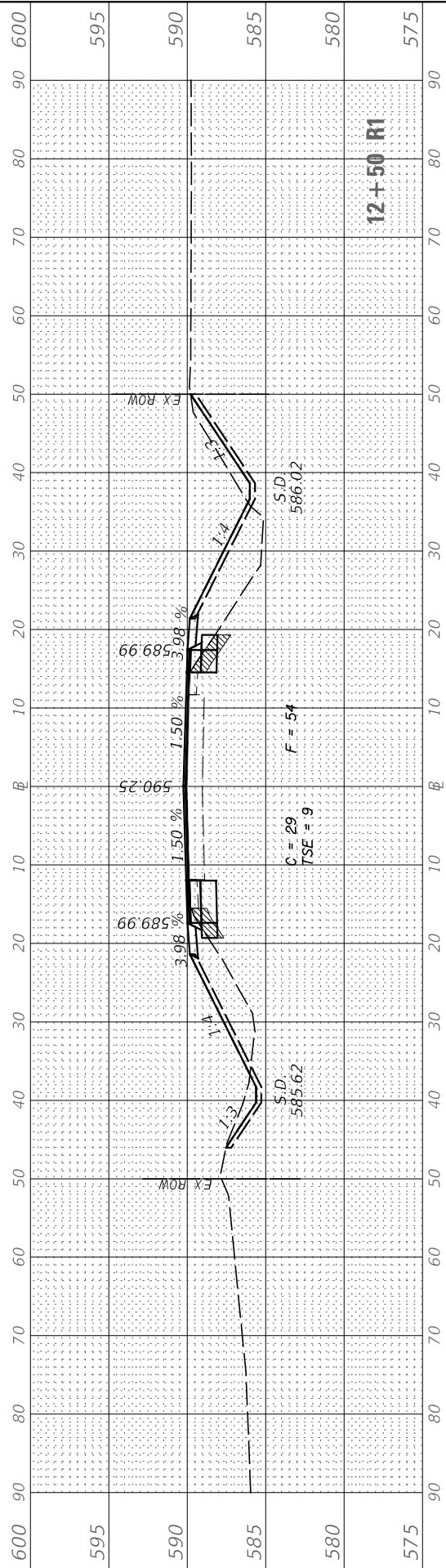
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	53
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY		BY	DATE
NOTED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			

MODEL: RIDGE
FILE NAME: V:\4534 - Ridge Rd.-US 52 PE I + I\ICADD\CADD Drawings\4534-xsc.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 1/20/2021	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

CH 11 (RIDGE RD) CROSS SECTIONS				
SCALE: H=10 V=5	SHEET 1	OF 9	SHEETS	STA. 10+50 R1 TO STA. 12+50 R1

CH 11 (RIDGE RD) CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	54
		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: RIDGE
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	605	90	600	595	590	585	580	575	
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PLOT SCALE = 20,000' / in.					DRAWN -				RE
PLOT DATE = 1/20/2021					CHECKED -				RE
					DATE -				RE
605 90 600 595 590 585 580 575 14 + 50 R1 EX ROW PRO ROW 1.50 % 4.00 % 3.97 % 591.84 591.51 591.51 1.4 1.4 S.D. 586.91 S.D. 588.38 C = 30 TSE = 19 F = 71									

CH 11 (RIDGE RD) CROSS SECTIONS													DATE			
SCALE: H=10 V=5													SHEET 2	OF 9	SHEETS	DATE
605	600	595	590	585	580	575	605	600	595	590	585	580	575			
The diagram shows a cross-section of a road with two 13-foot wide lanes and a 50-foot ridge. The elevations are marked on the left and right sides. The centerline is marked with stationing. The slopes are marked as 1.50% and 3.98%. The ridge is marked as 13 + 50 R1. The diagram also shows the existing road width (EX ROW) and the proposed road width (SD).																

[illegible]

USER NAME = BDeCraene	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

CH 11 (RIDGE RD) CROSS SECTIONS				
SCALE: H=10 V=5	SHEET 2	OF 9	SHEETS	STA. 13+00 R1 TO STA. 14+50 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	55
		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: RIDGE
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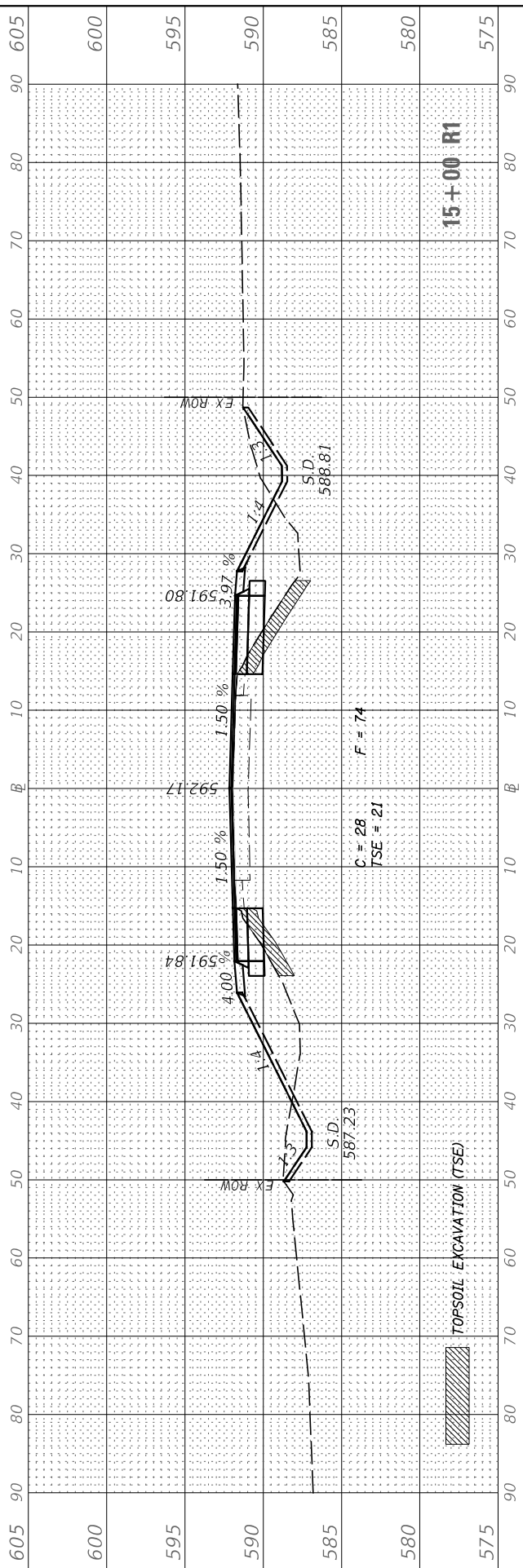
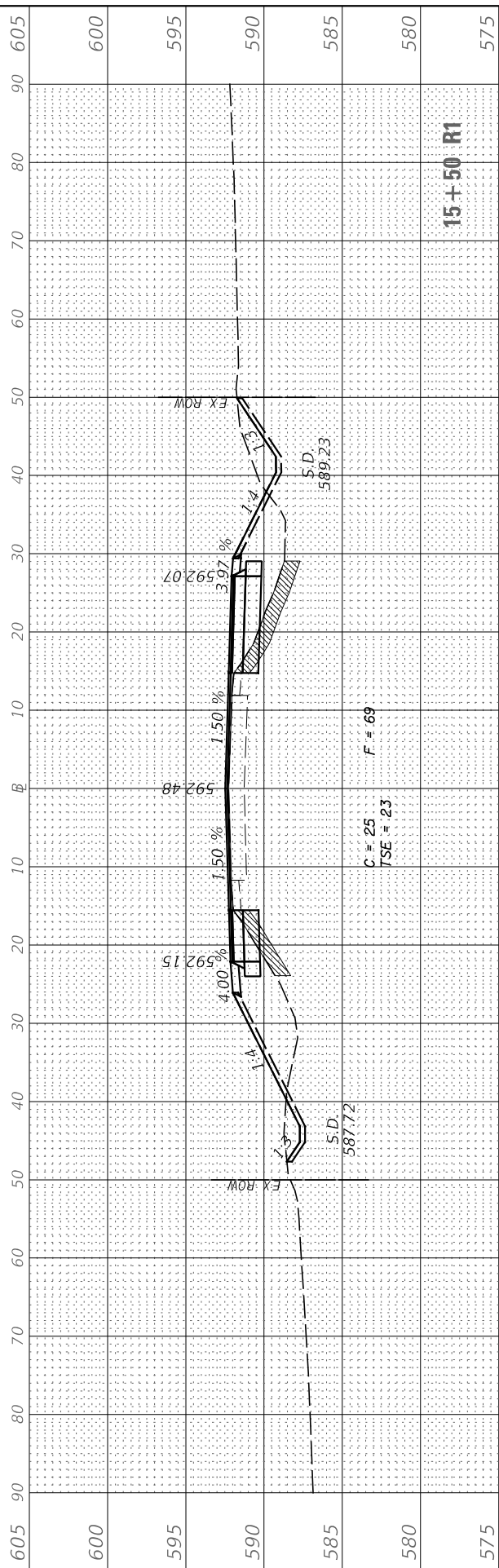
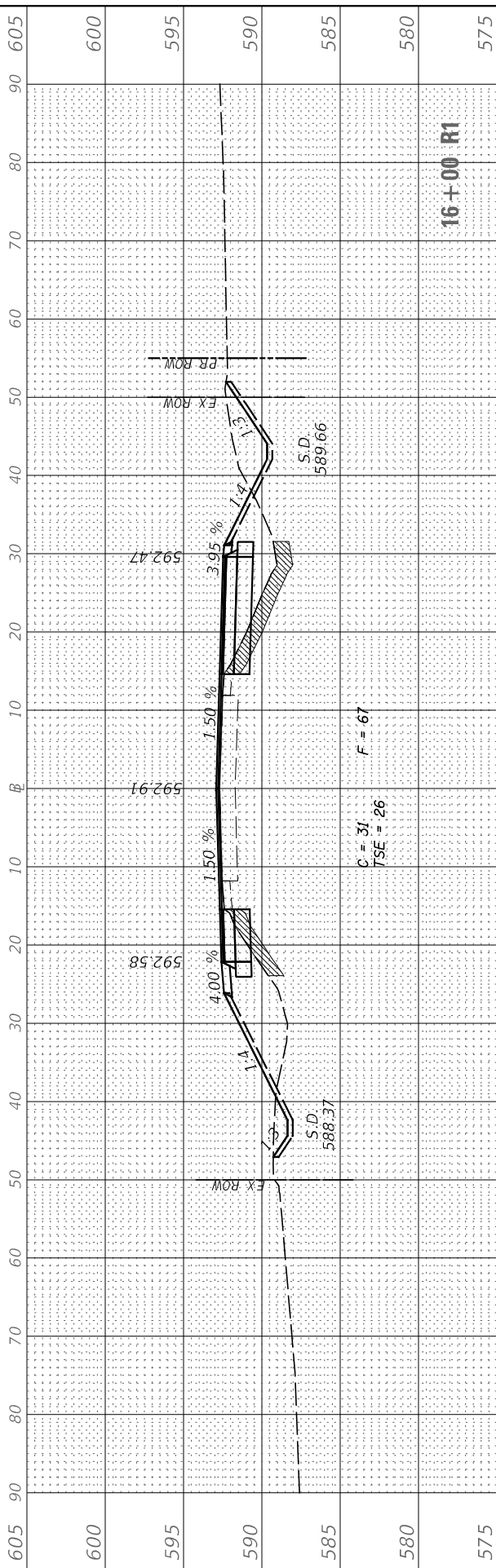
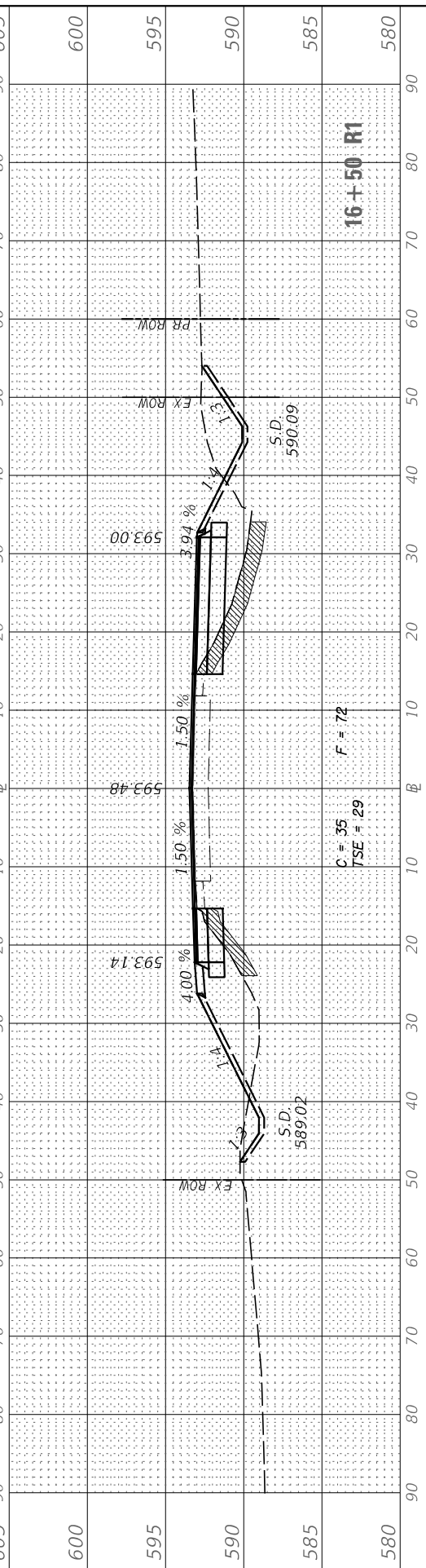
USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

CH 11 (RIDGE RD) CROSS SECTIONS				
SCALE: H=10 V=5	SHEET 3	OF 9	SHEETS	STA. 15+00 R1 TO STA. 16+50 R1

CH 11 (RIDGE RD) CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	56
		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE	BY	DATE

MODEL RIDGE
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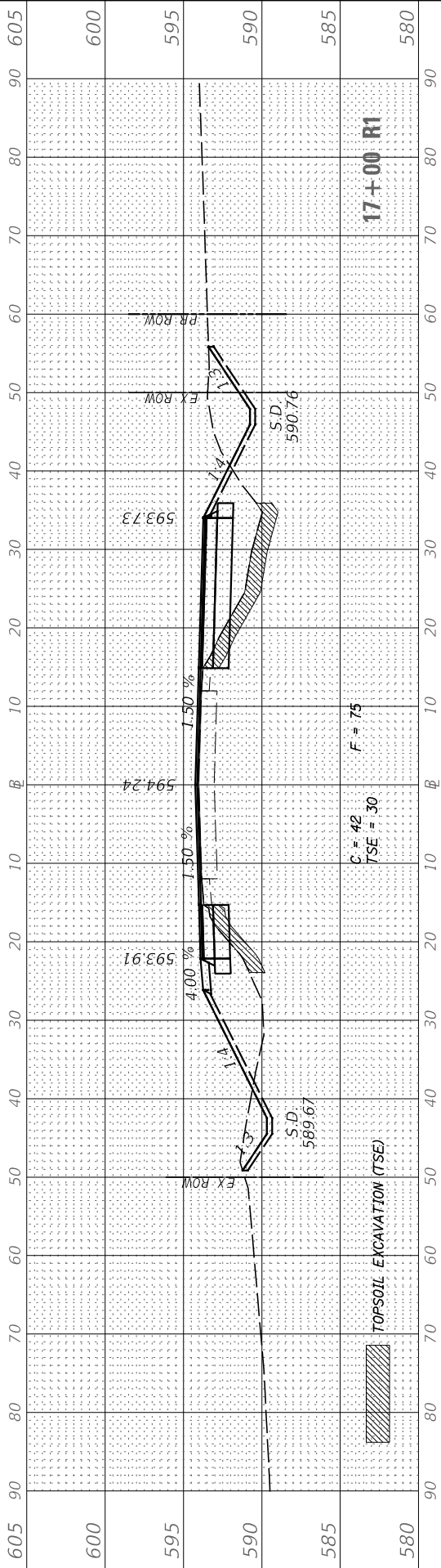
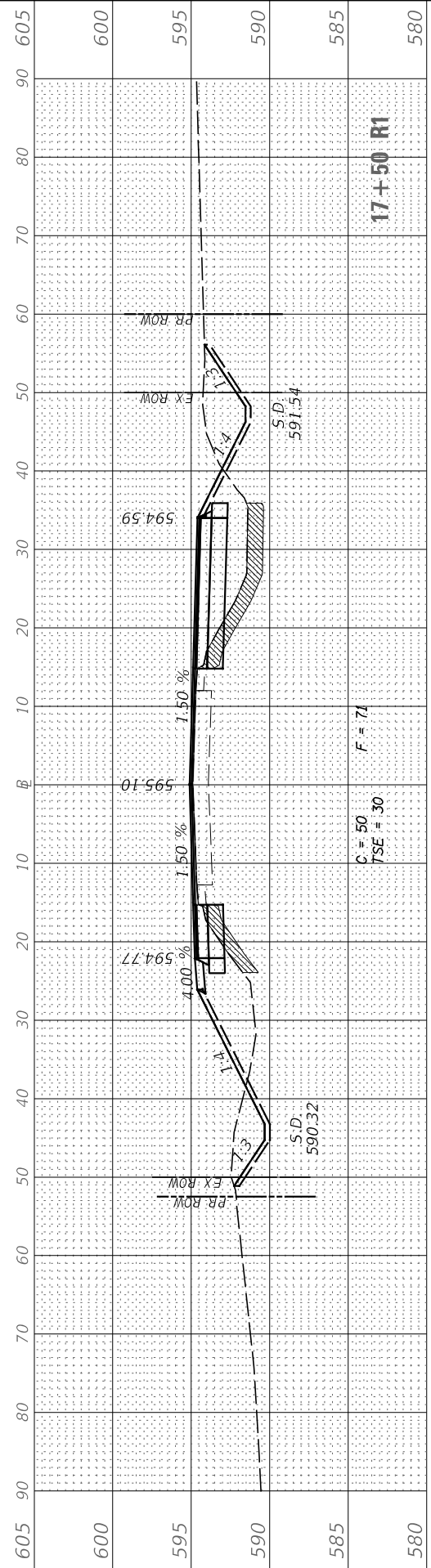
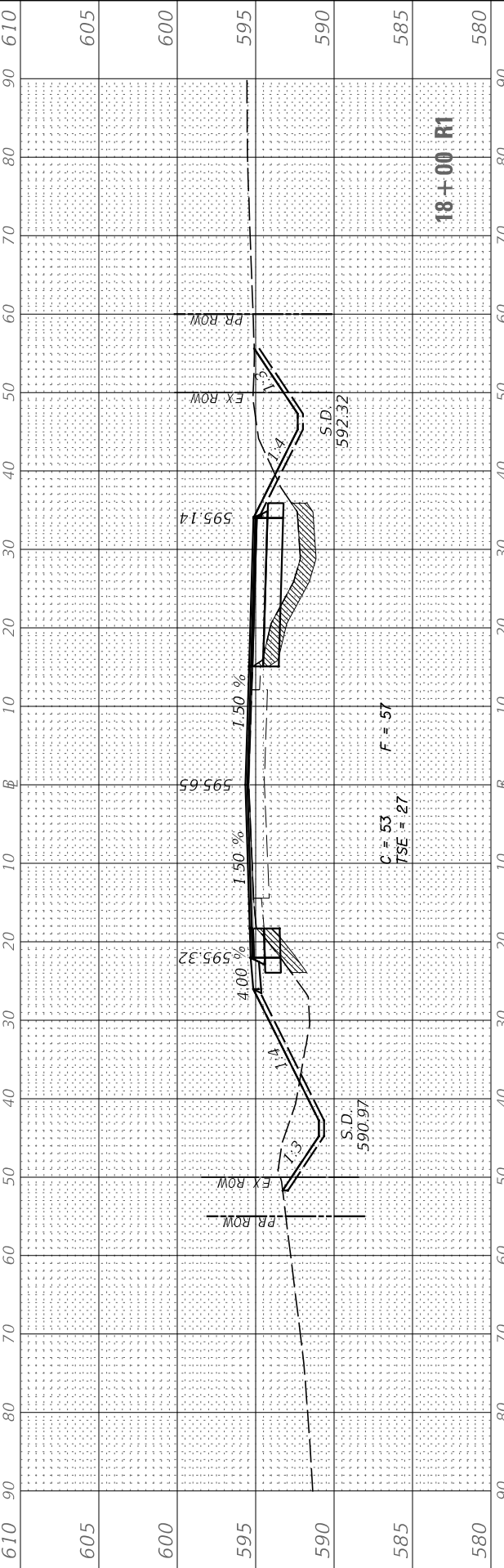
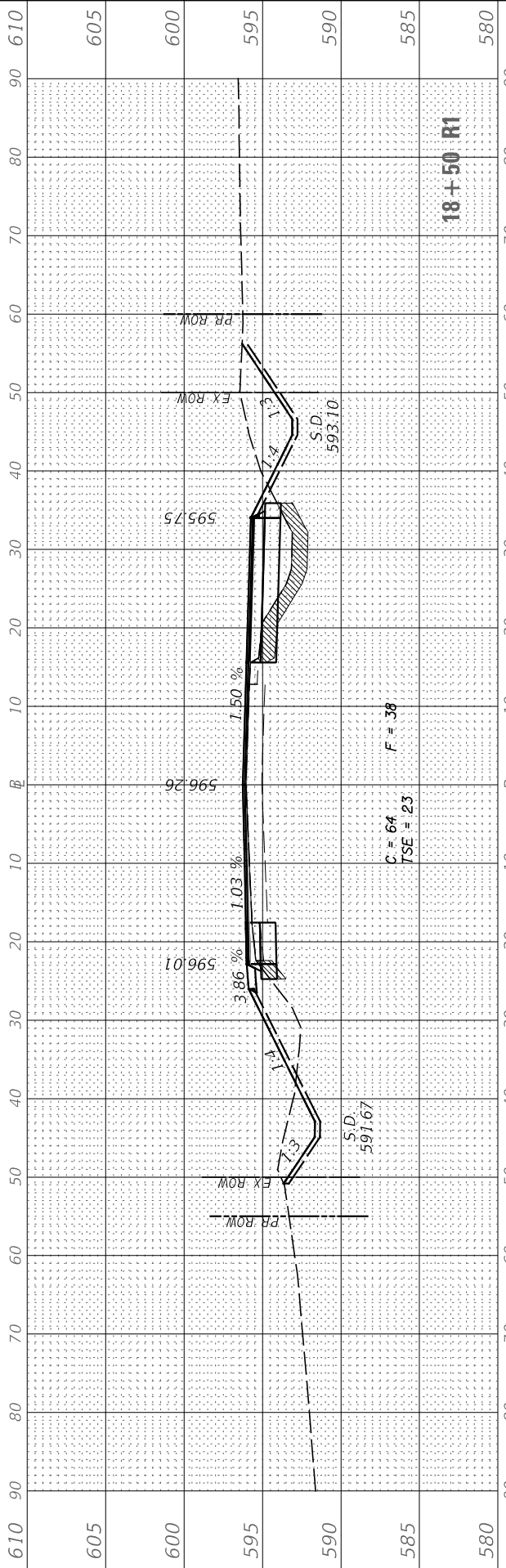
USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD)
CROSS SECTIONS

SCALE: H=10 V=5 SHEET 4 OF 9 SHEETS STA. 17+00 R1 TO STA. 18+50 R1

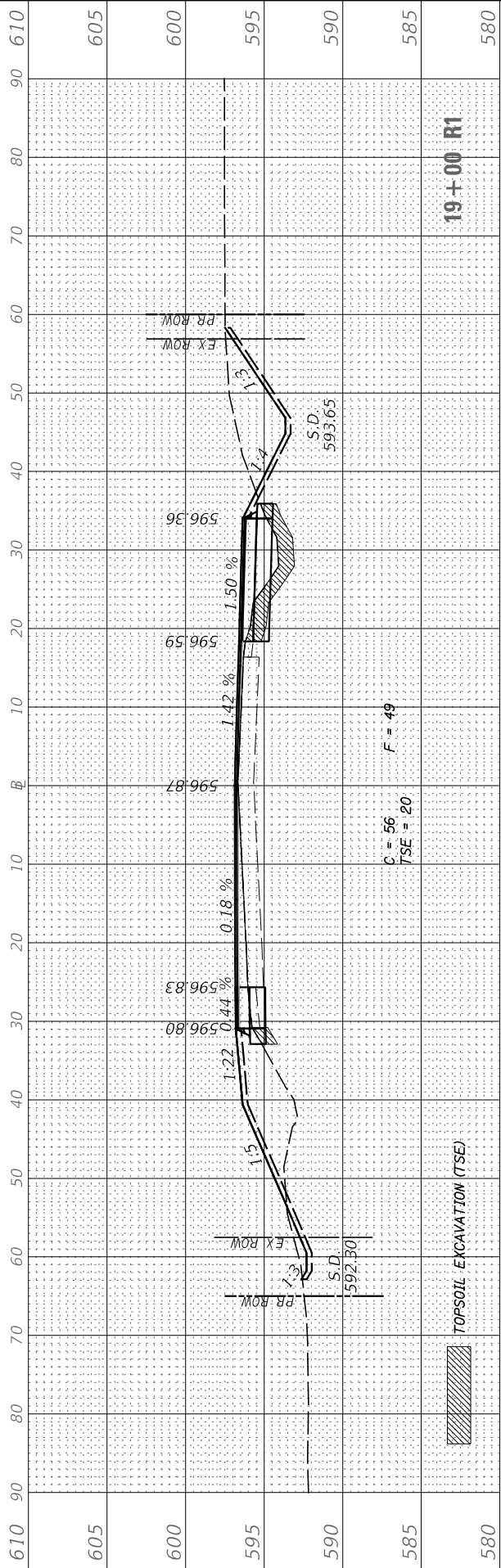
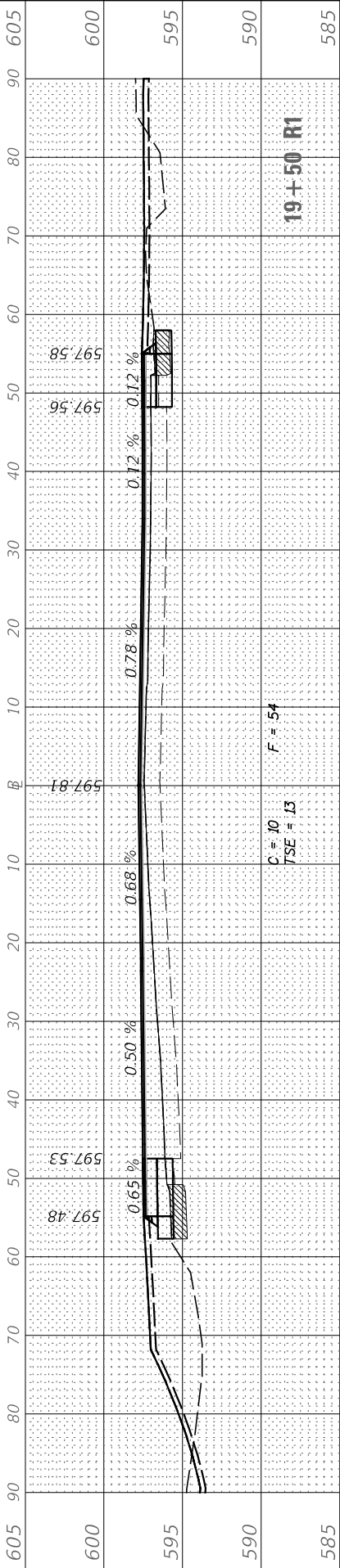
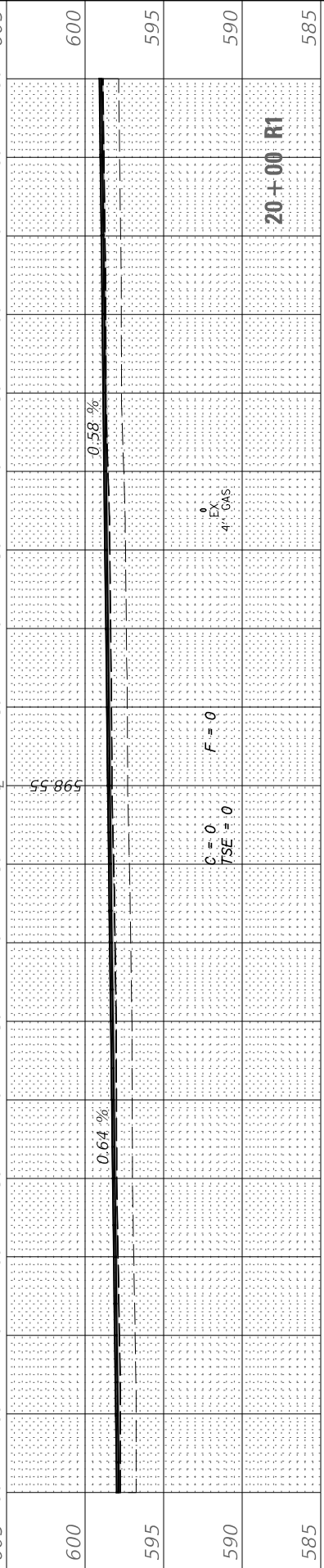
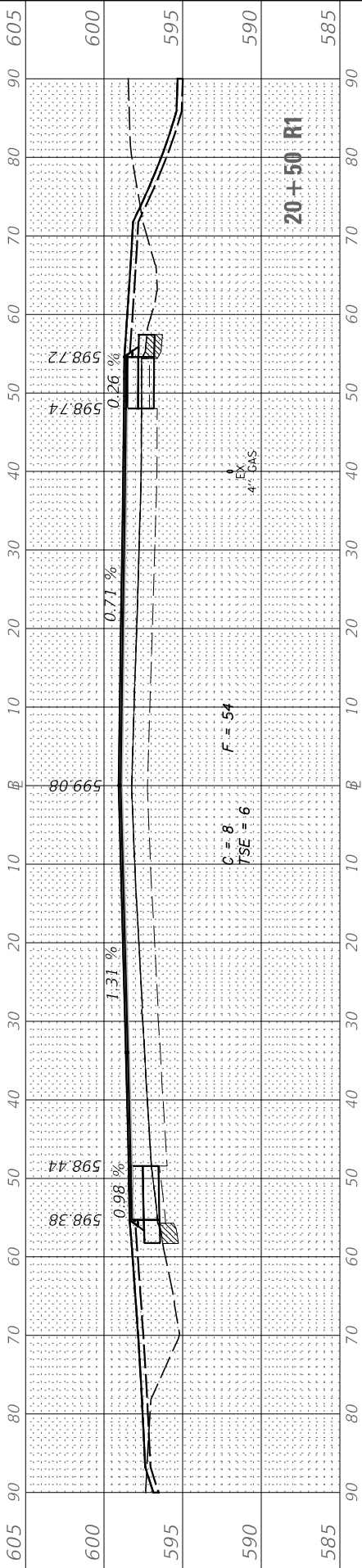
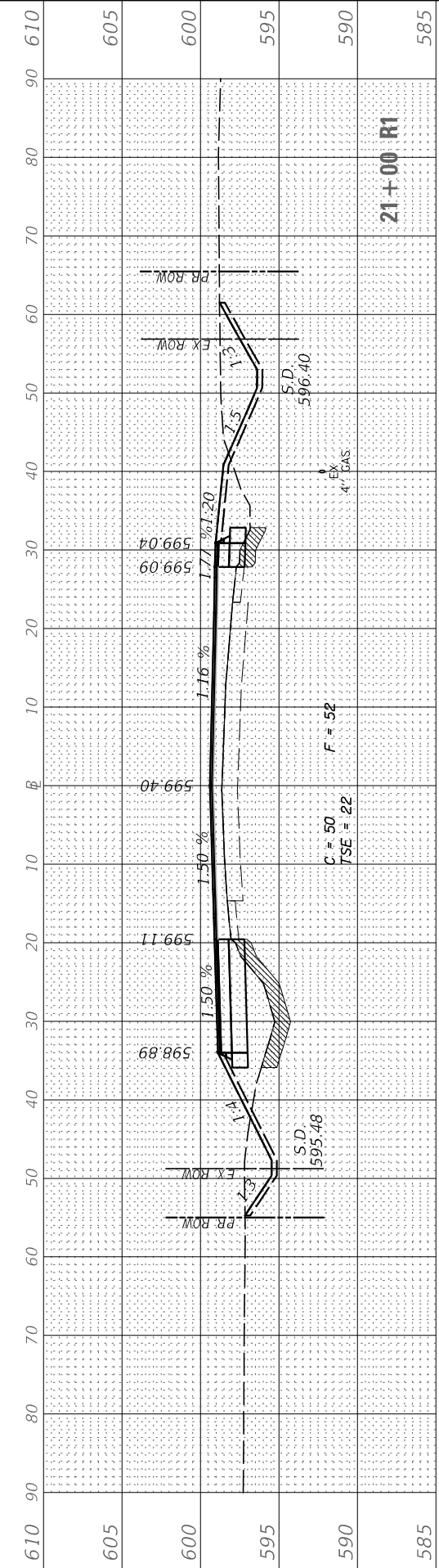
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	57
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL RIDGE
FILE NAME: V:\4534 - Ridge Rd-US 52 PE 1 + ILCA000CADD Drawings\4534+52.cad



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD)
CROSS SECTIONS

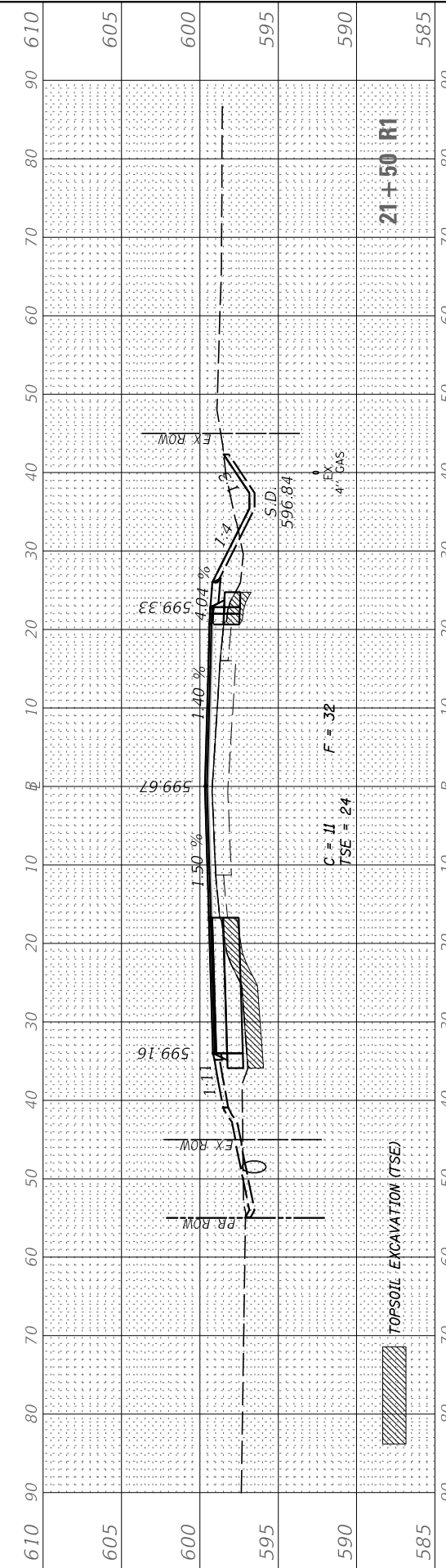
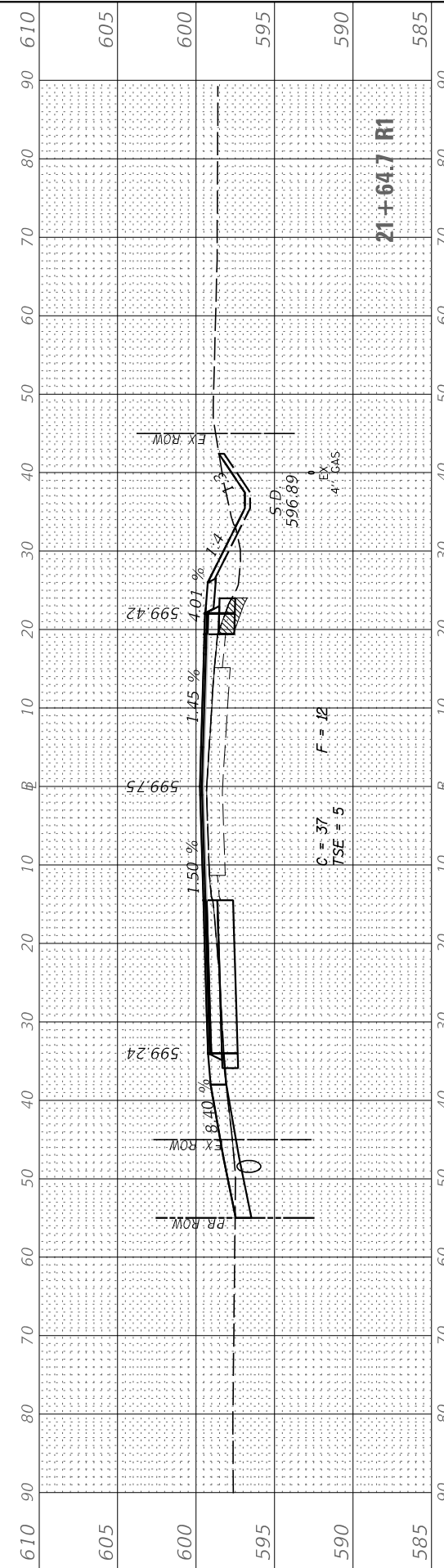
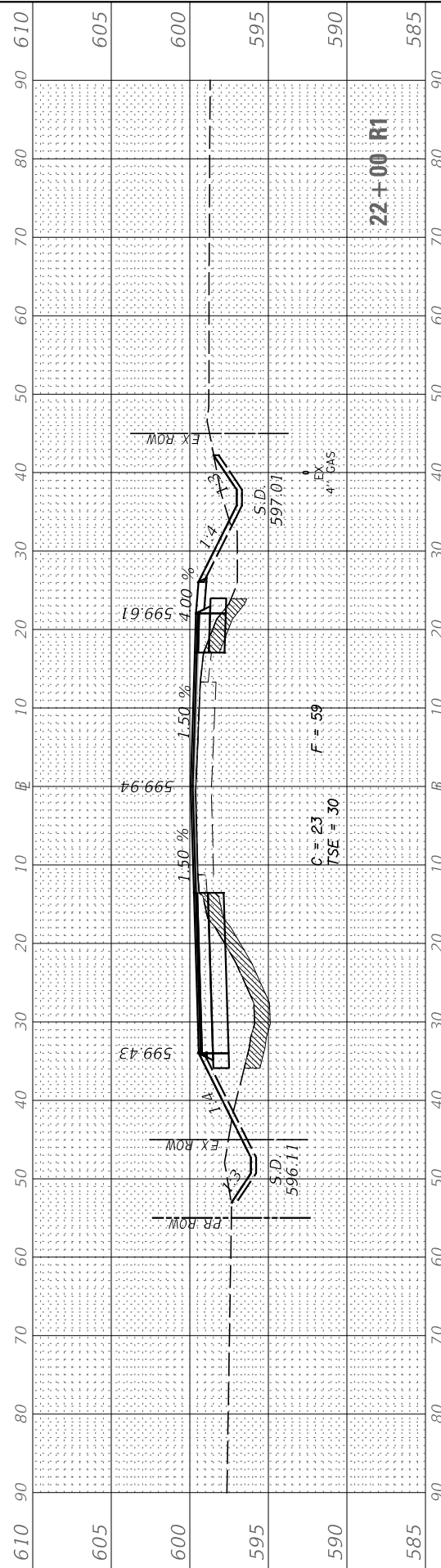
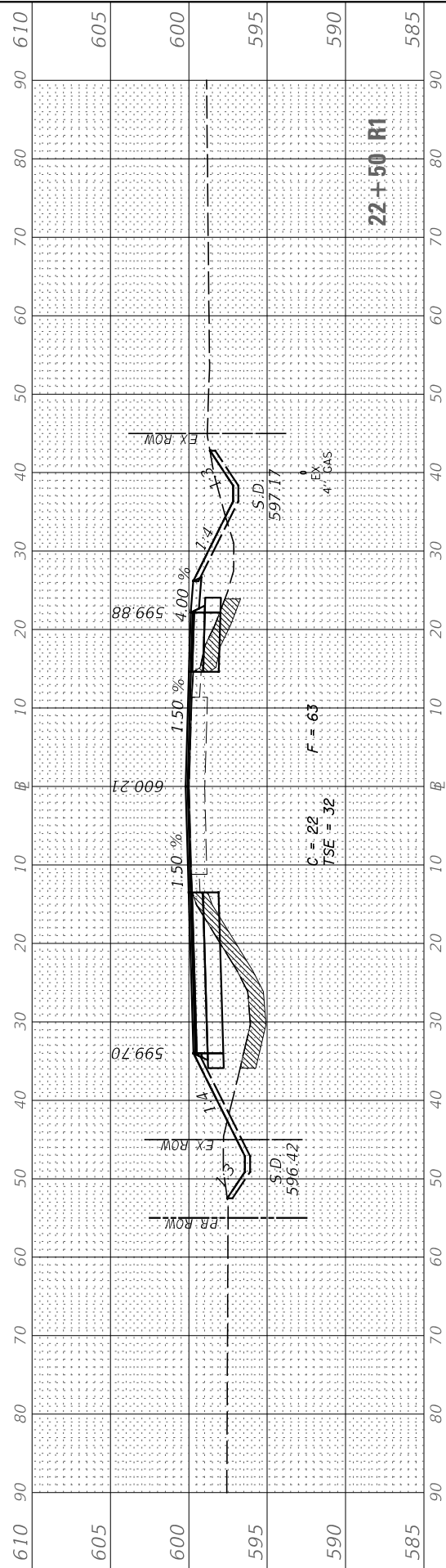
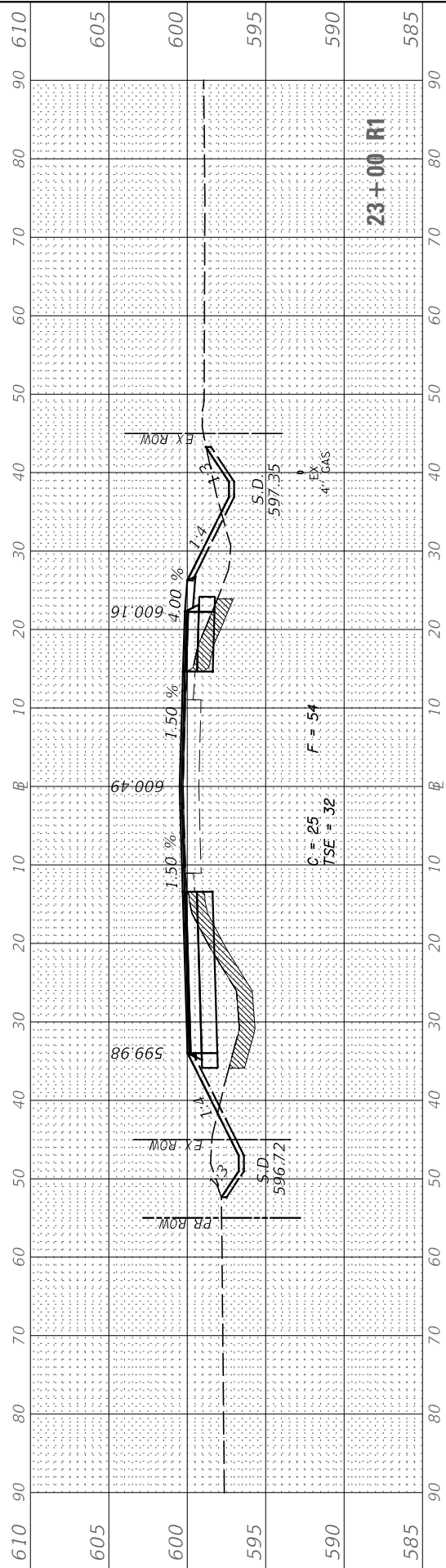
SCALE: H=10 V=5 SHEET 5 OF 9 SHEETS STA. 19+00 R1 TO STA. 21+00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	58
		CONTRACT NO.		
		ILLINOIS		
		FED. AID PROJECT		

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

ORIGINAL SURVEY		BY	DATE
NOTED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			

MODEL: RIDGE
FILE NAME: V:\4534 - Ridge Rd.-US 52 PE I + I\ICADD\CADD Drawings\4534-xsc.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

CH 11 (RIDGE RD) CROSS SECTIONS				
SCALE: H=10 V=5	SHEET 6	OF 9	SHEETS	STA. 21+50 R1 TO STA. 23+00 R1

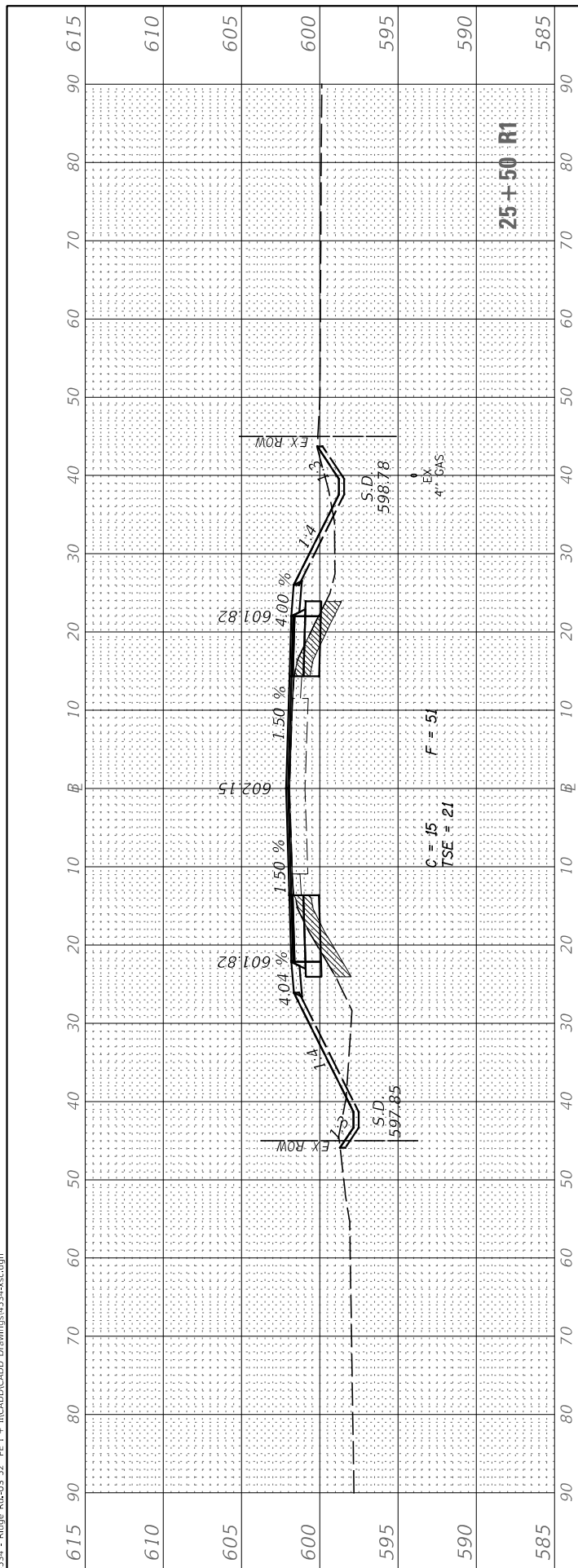
CH 11 (RIDGE RD) CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	59
		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

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

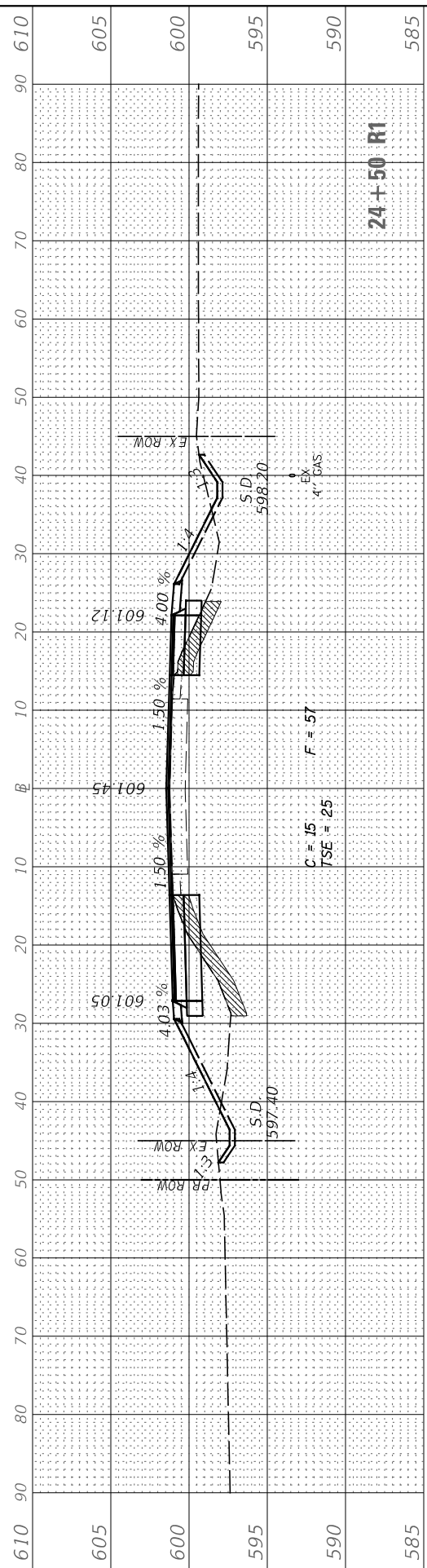
ORIGINAL SURVEY		BY	DATE
NOTED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			

MODEL: RIDGE
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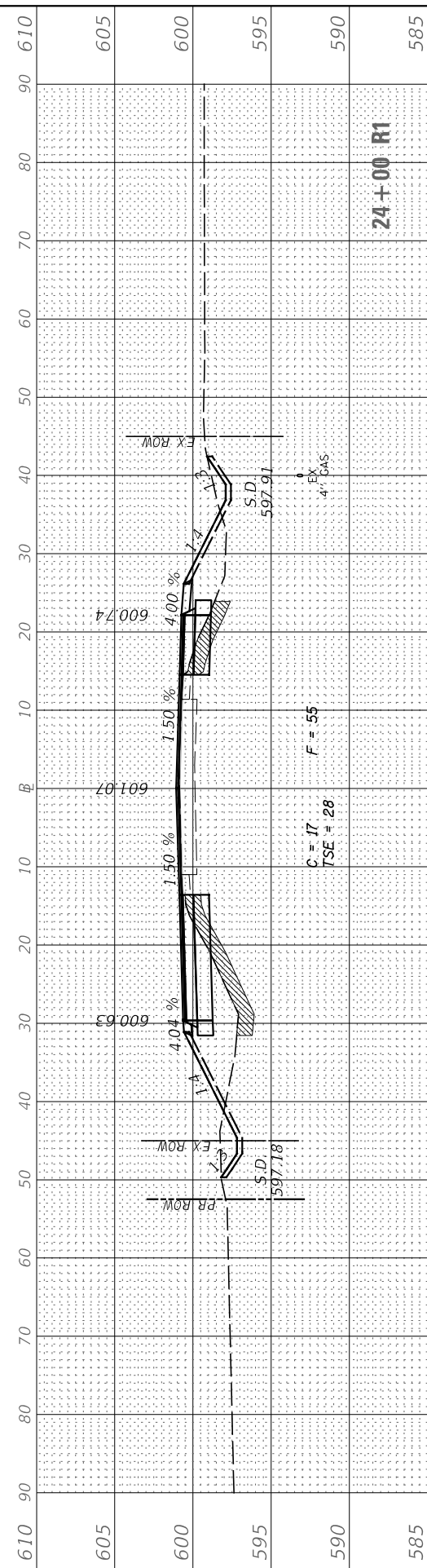


USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

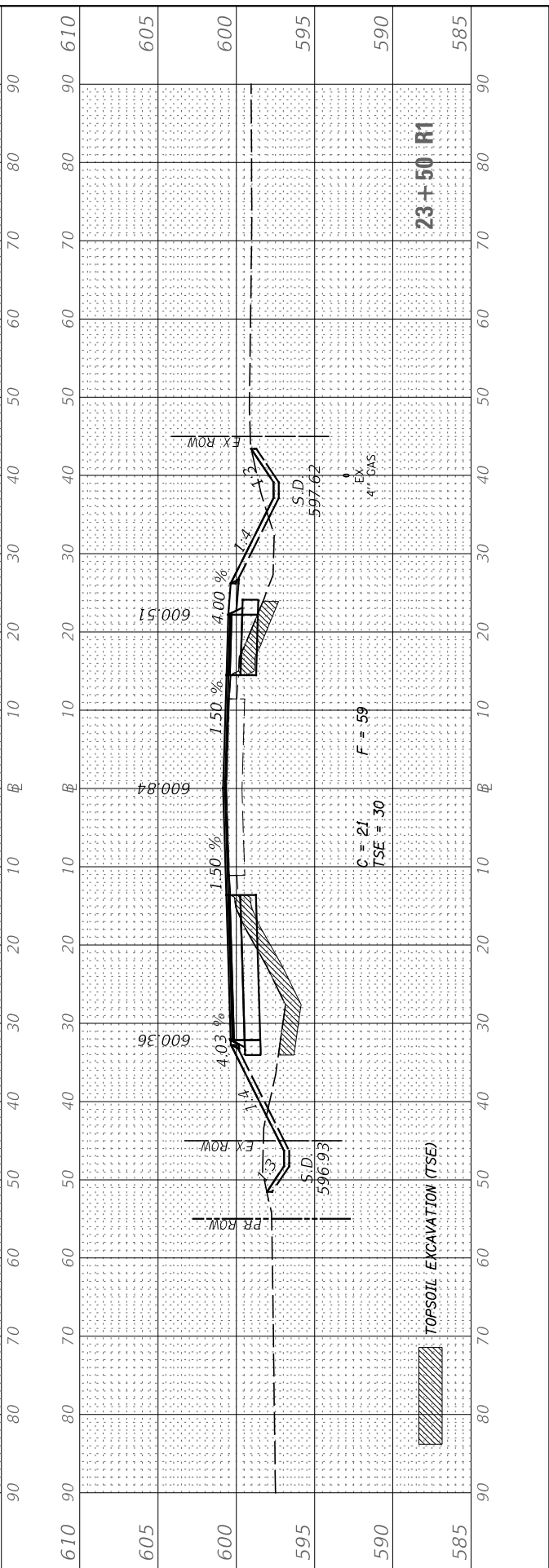
**KENDALL COUNTY
HIGHWAY DEPARTMENT**



CH 11 (RIDGE RD) CROSS SECTIONS



SCALE: H=10 V=5	SHEET 7	OF 9	SHEETS	STA. 23+50 R1 TO STA. 25+50 R1
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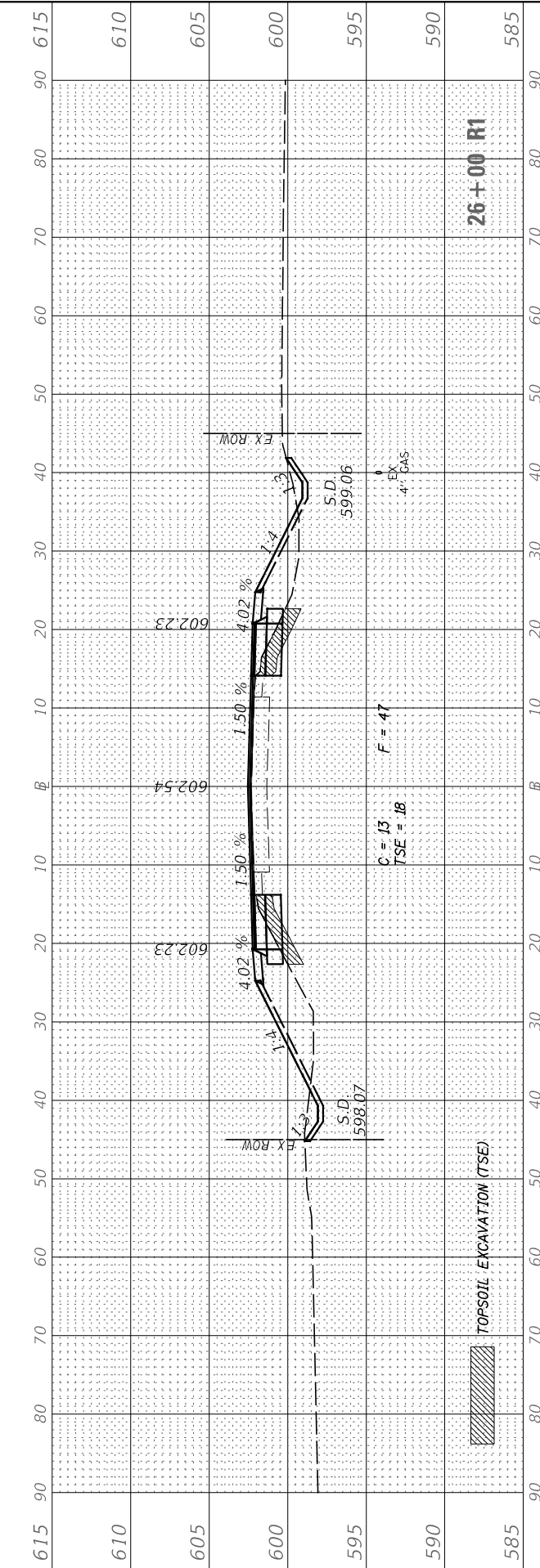
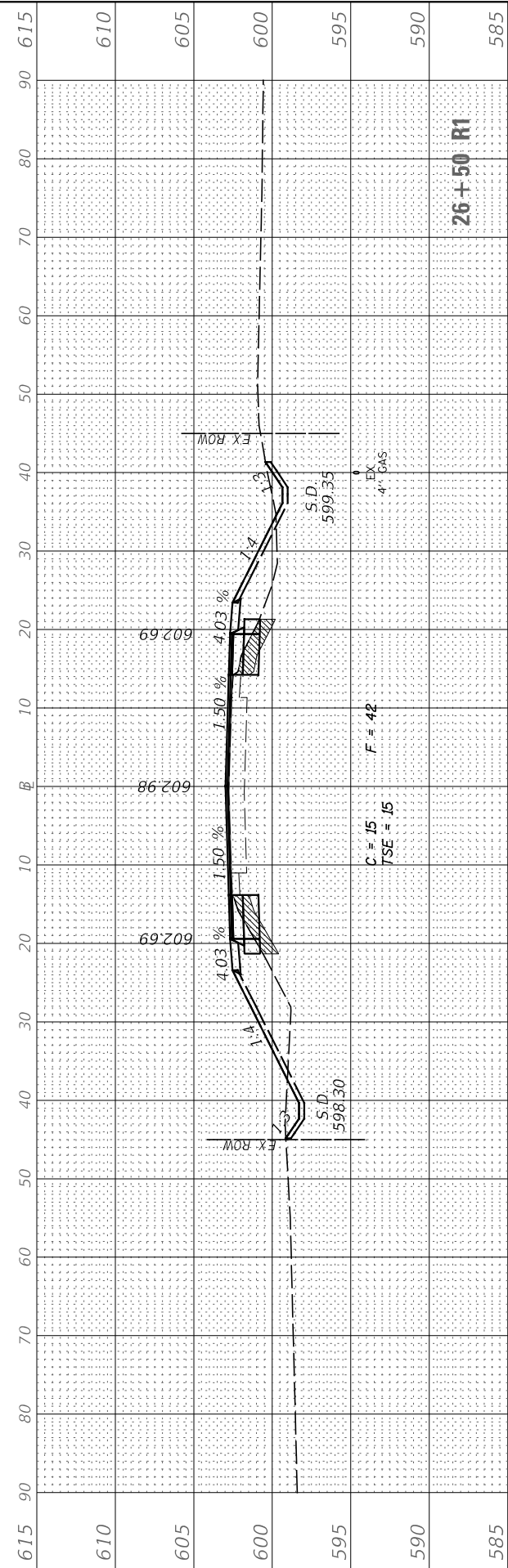
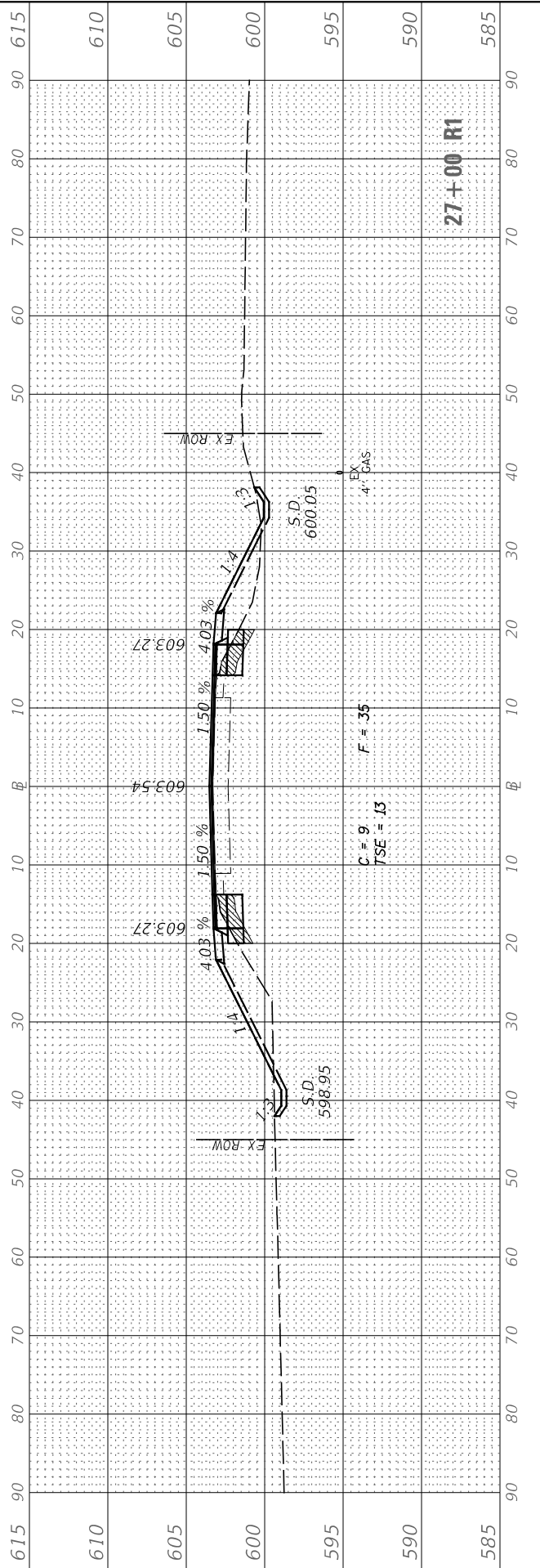
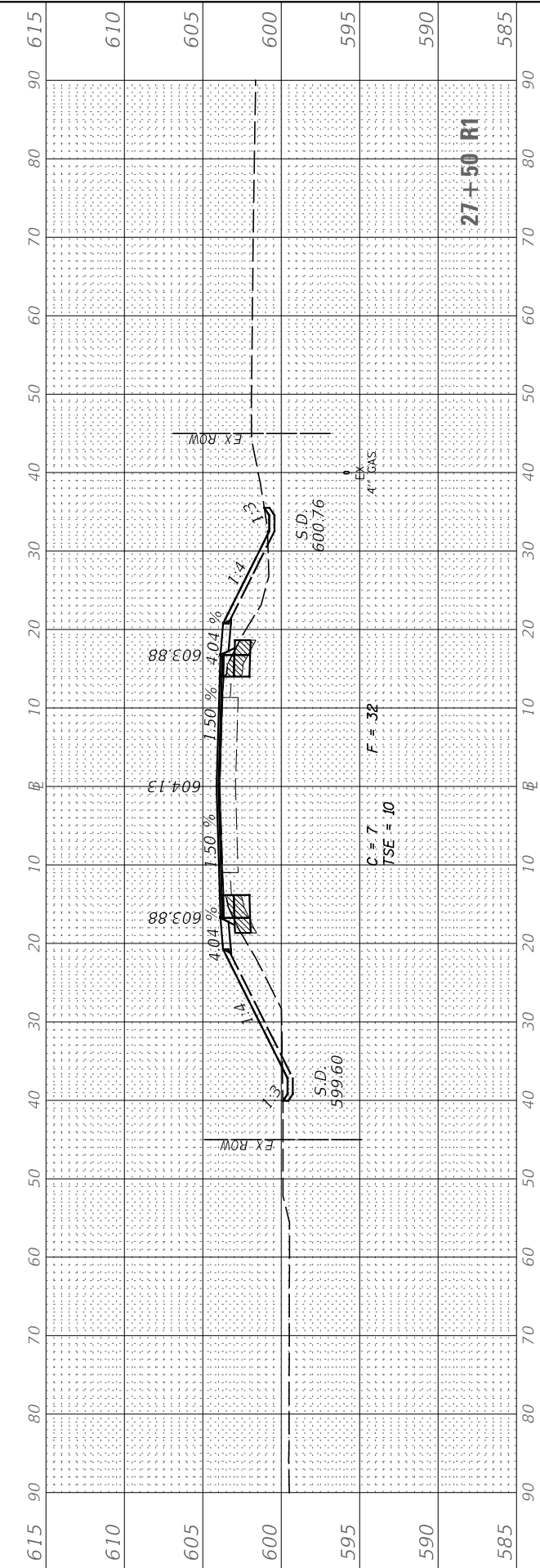


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	60
		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: RIDGE
NO. _____ AREAS CHECKED _____
FILE NAME: V:\4534 - Ridge Rd.-US 52 PE I + II\CADD\CADD Drawings\4534-xsc.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

CH 11 (RIDGE RD) CROSS SECTIONS			
SCALE: H=10 V=5	SHEET 8	OF 9 SHEETS	STA. 26+00 R1 TO STA. 27+50 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	61
		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL RIDGE
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USER NAME	= BDeCrane
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 1/20/2021

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

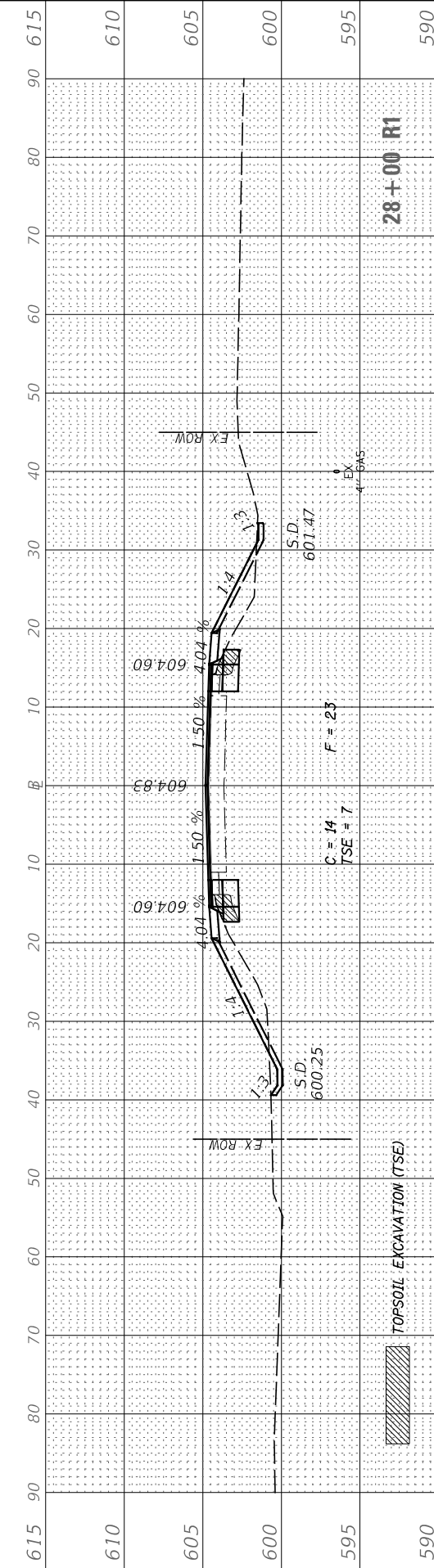
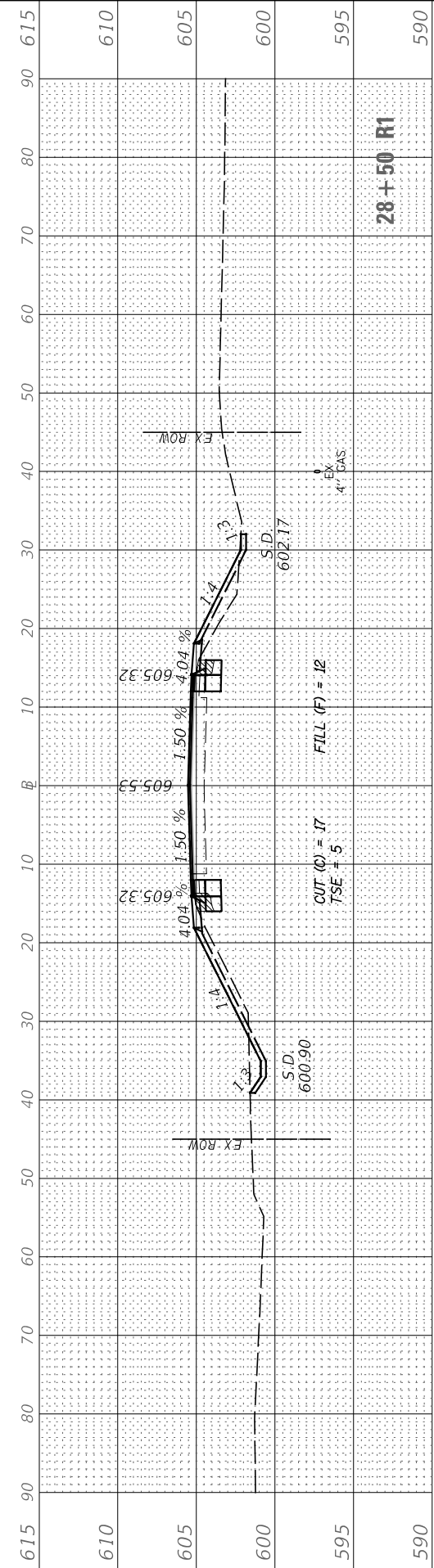
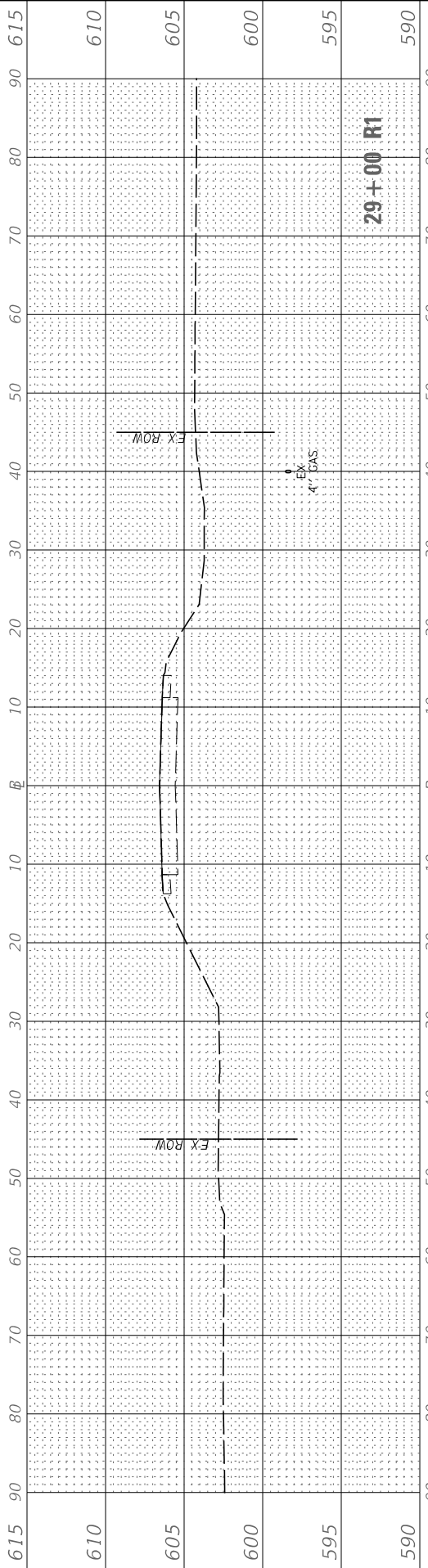
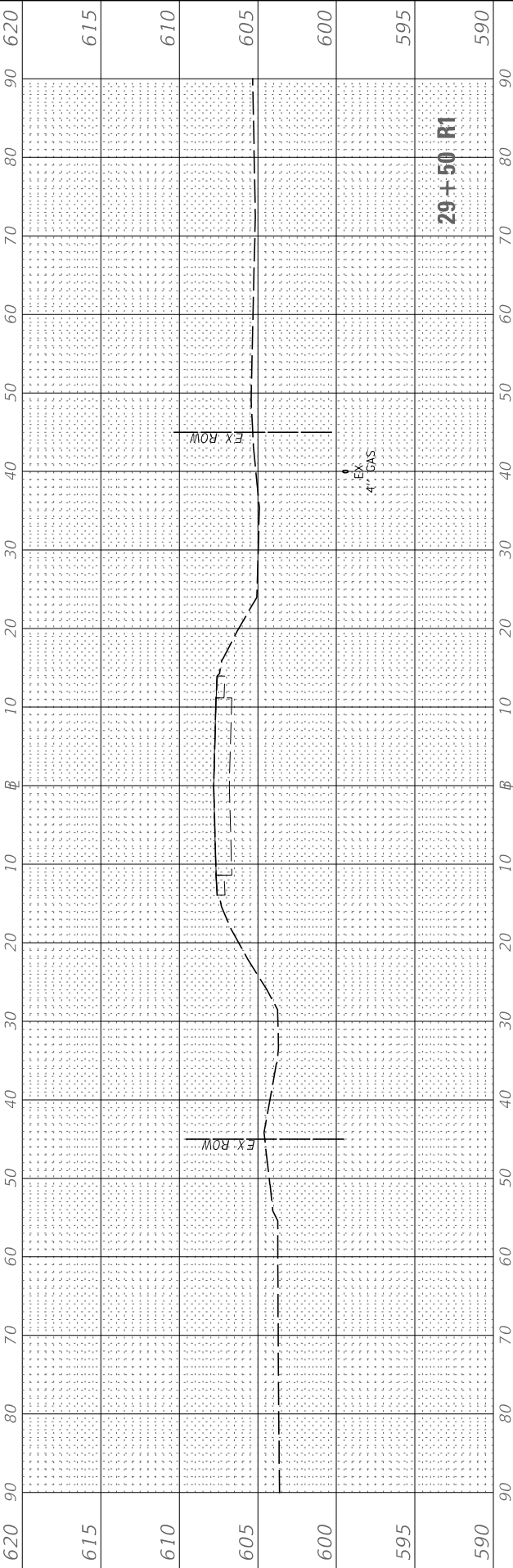
REVISED	-
REVISED	-
REVISED	-
REVISED	-

KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD)
CROSS SECTIONS

SCALE: H=10 V=5 SHEET 9 OF 9 SHEETS STA. 28+00 R1 TO STA. 29+50 R1

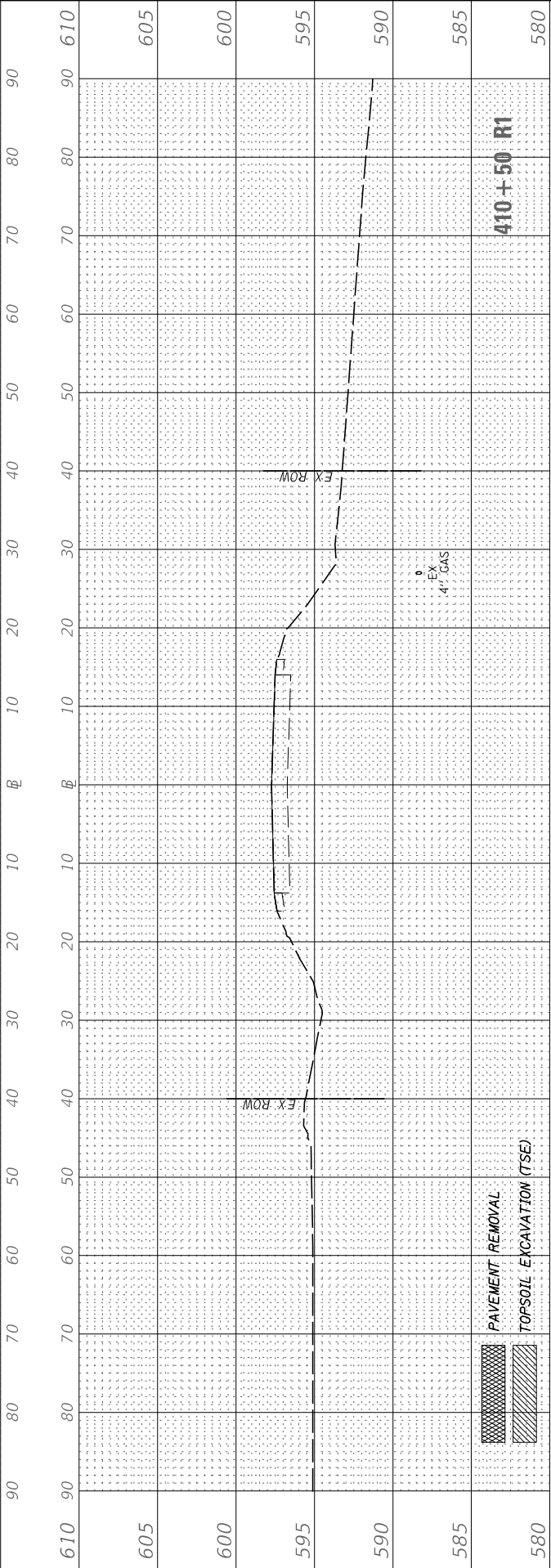
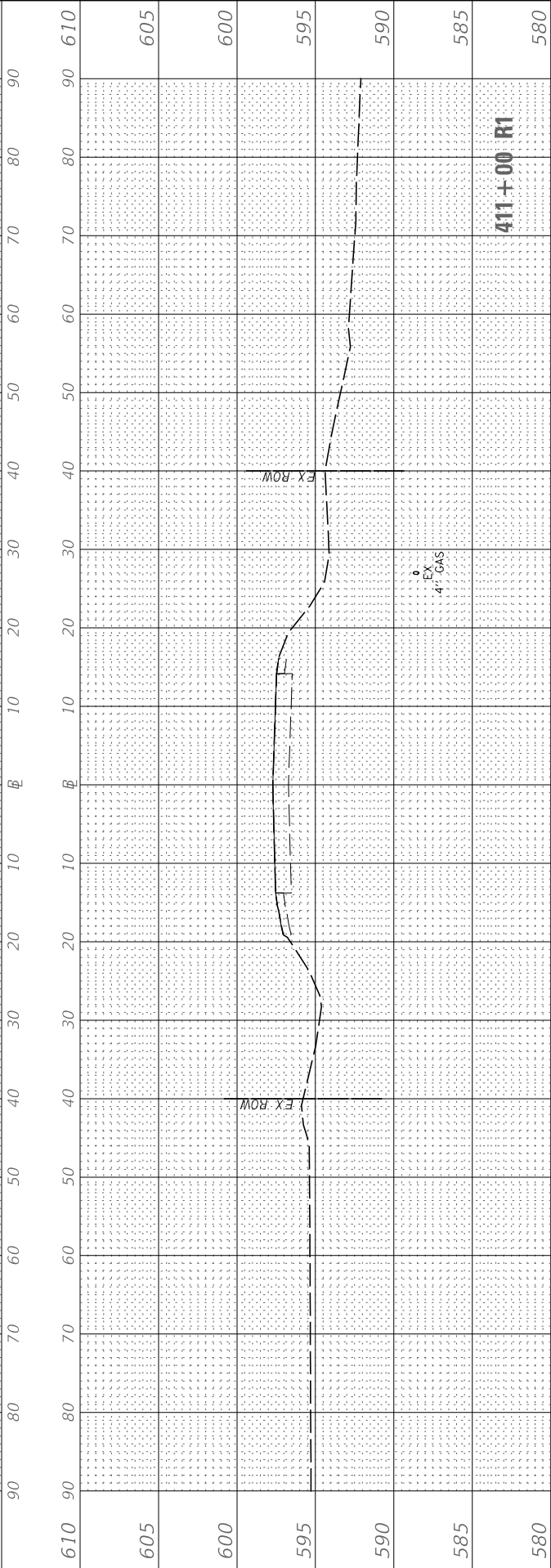
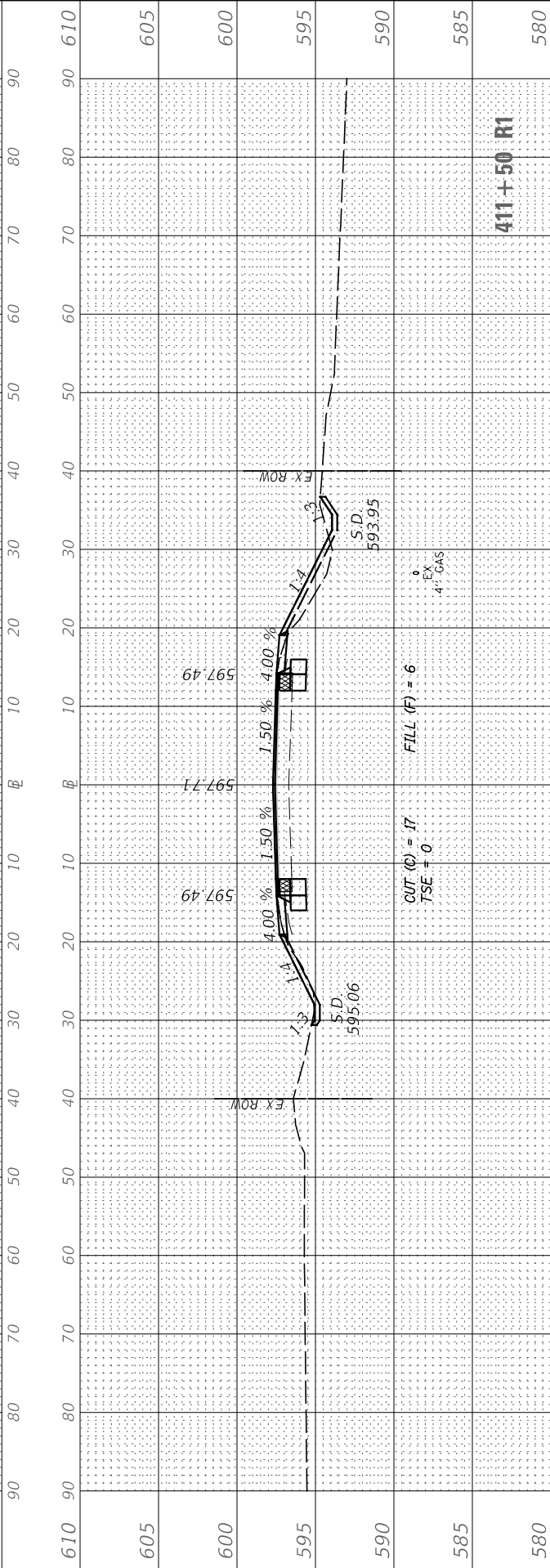
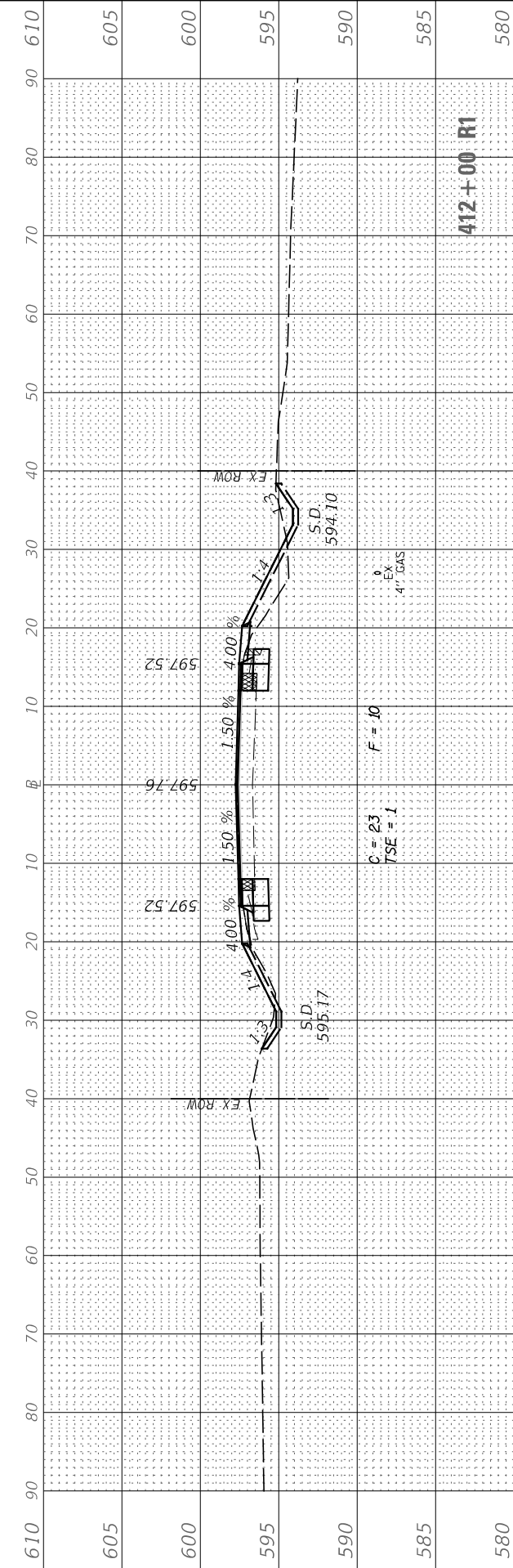
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	62
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE	DATE

MODEL US52
FILE NAME: V:\4534 - Ridge Rd-US 52 PE 1 + ILLCAD\CADD Drawings\4534+52.cad



USER NAME = BDDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

US RTE 52
CROSS SECTIONS

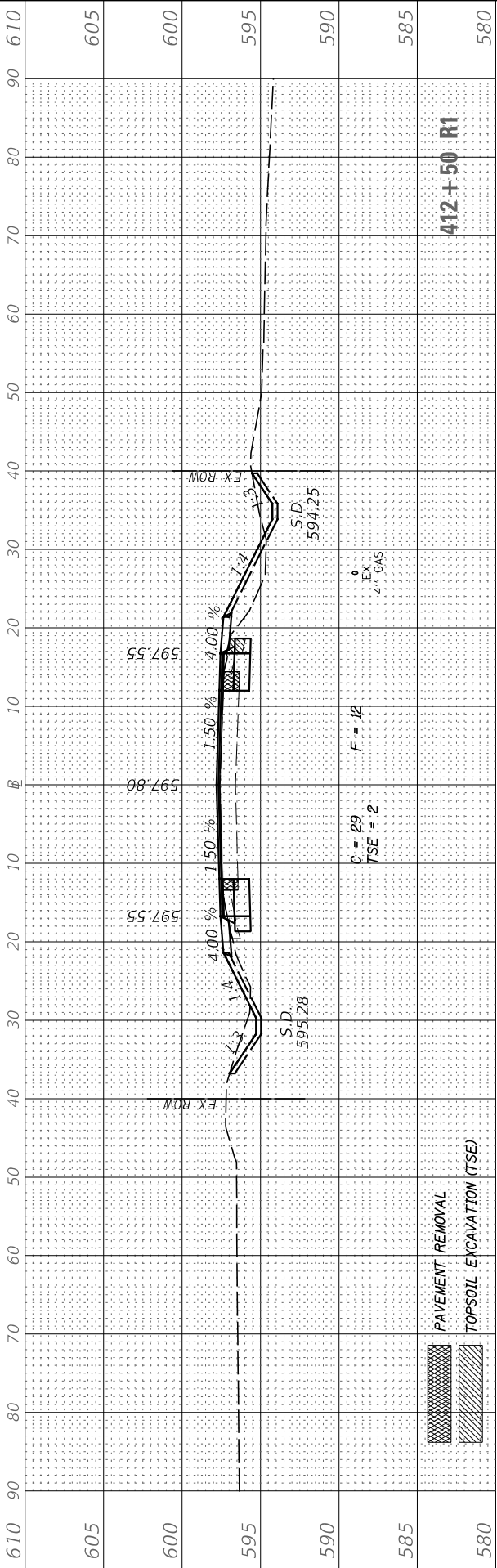
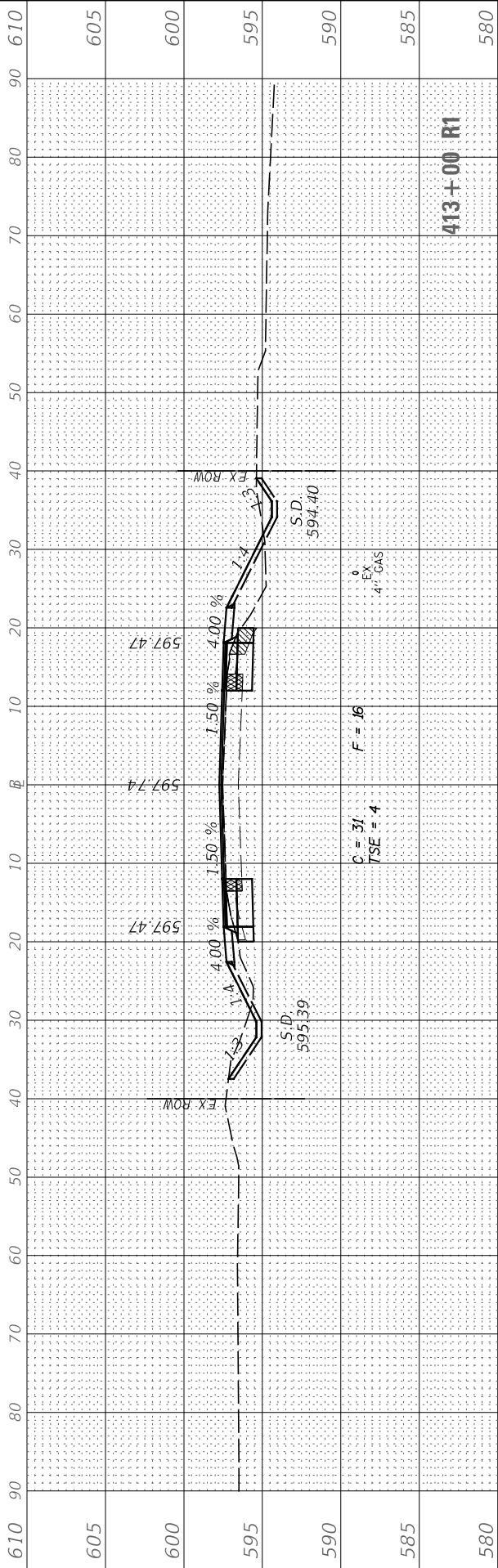
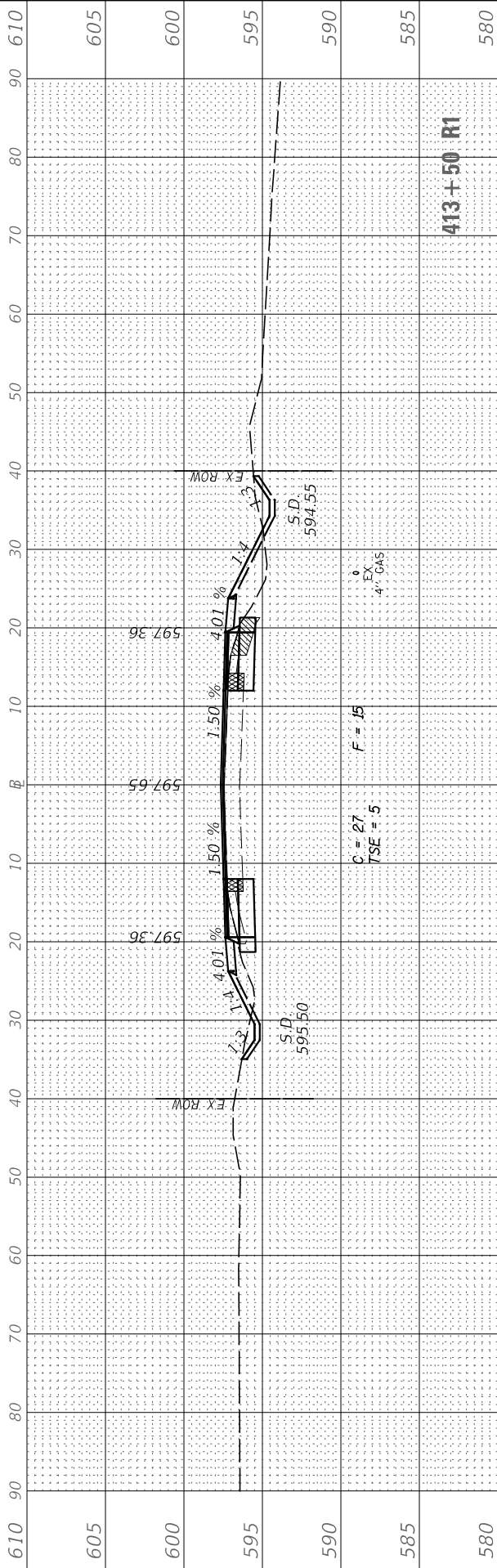
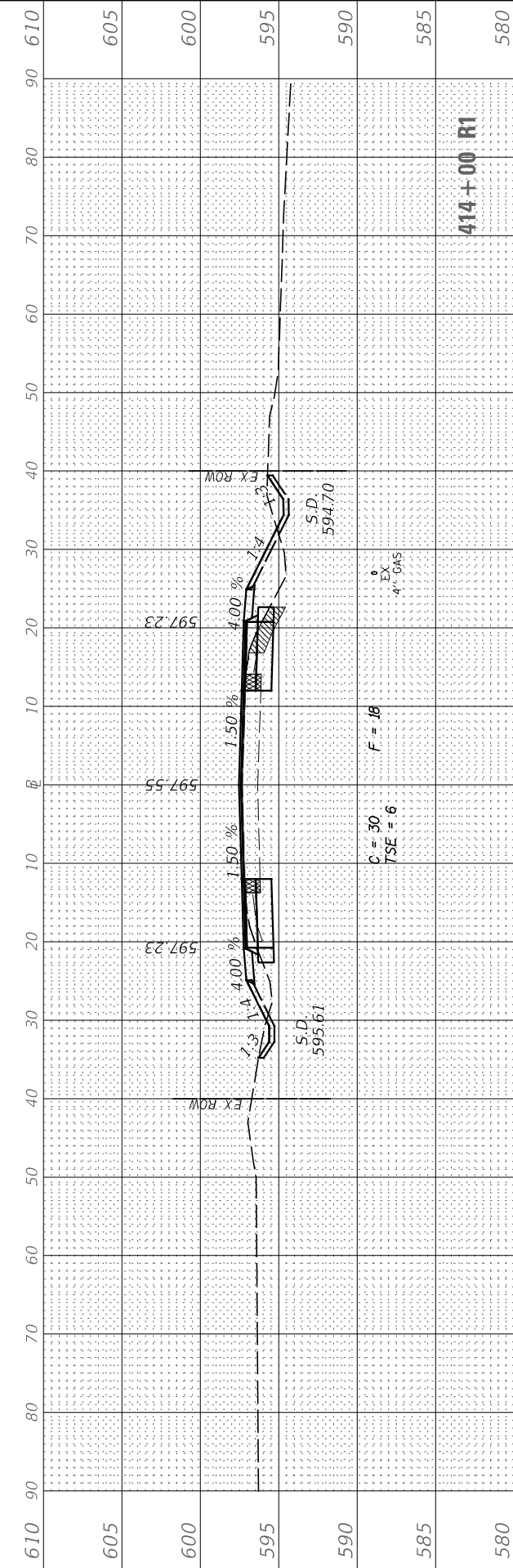
SCALE: H=10 V=5 SHEET 1 OF 12 SHEETS STA. 410+50 R1 TO STA. 412+00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	63
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK AREAS CHECKED	BY	DATE

MODEL US52
FILE NAME: V:\434 - Ridge Rd-US 52 PE 1 + ILLCAD\CADD Drawings\434\434c.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

US RTE 52
CROSS SECTIONS

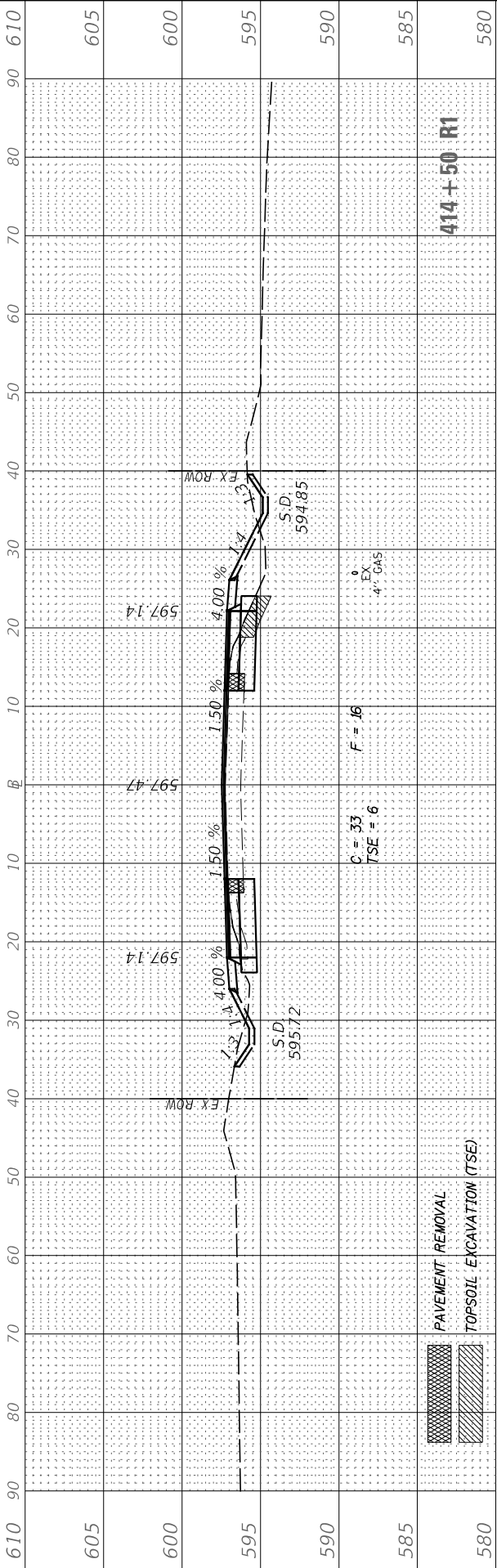
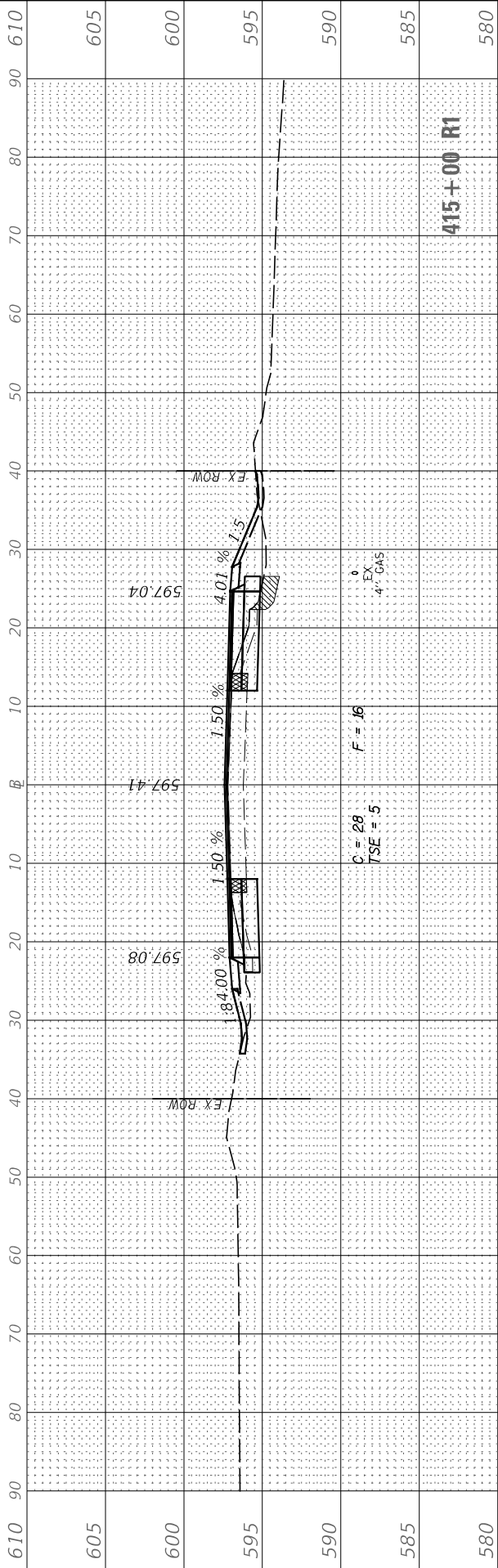
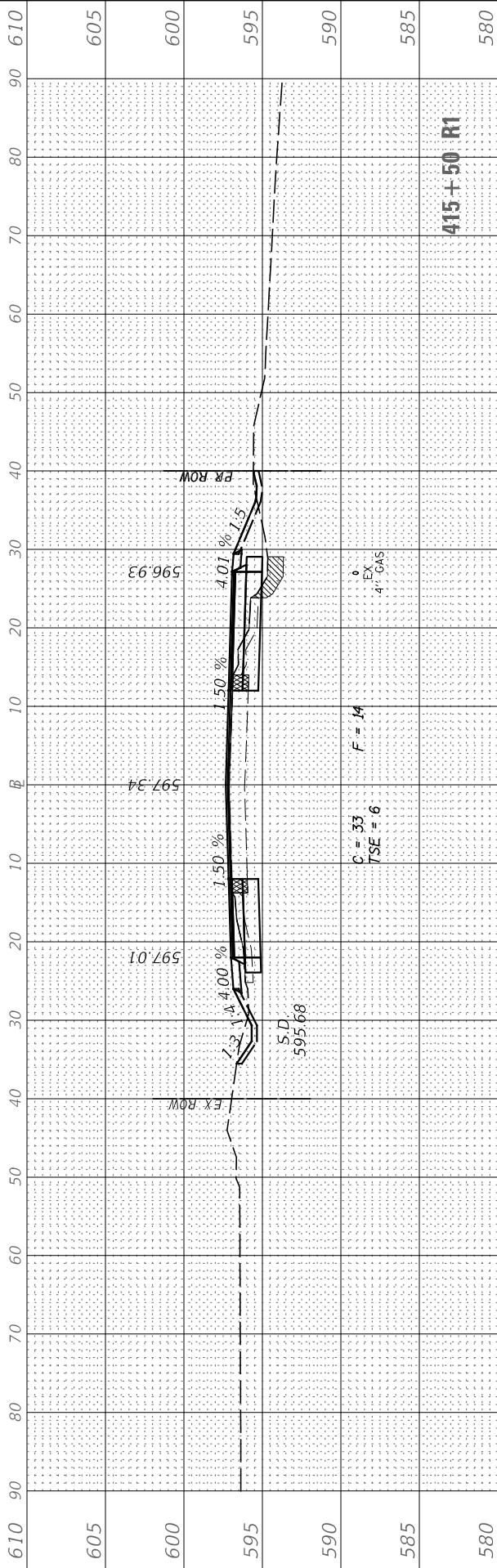
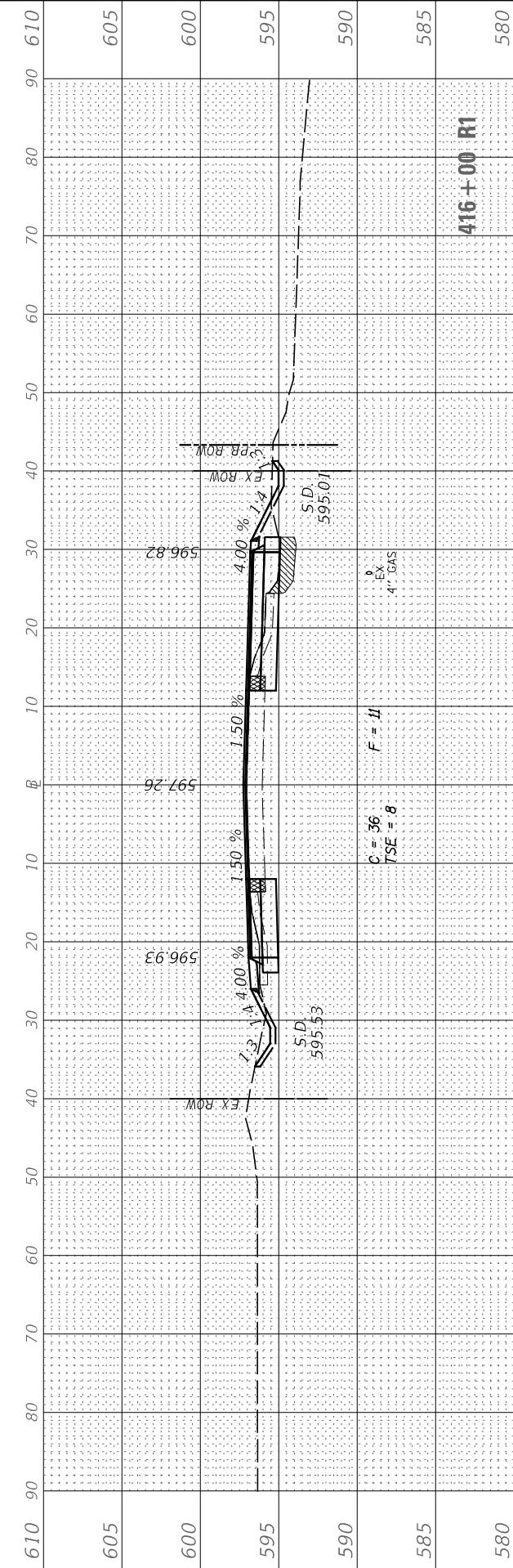
SCALE: H=10 V=5 SHEET 2 OF 12 SHEETS STA. 412+50 R1 TO STA. 414+00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	64
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

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

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

MODEL US52
FILE NAME: V:\434 - Ridge Rd-US 52 PE 1 + ILCA00\CADD Drawings\434+52+60.dgn



USER NAME = BDDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

US RTE 52
CROSS SECTIONS

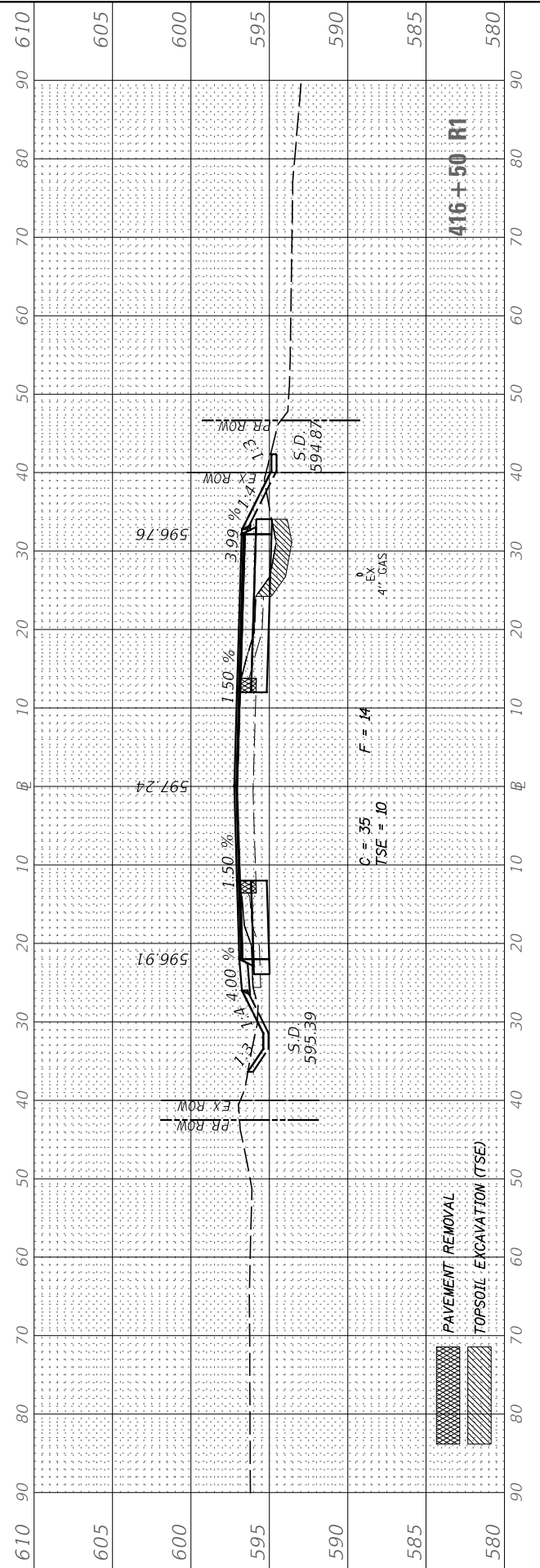
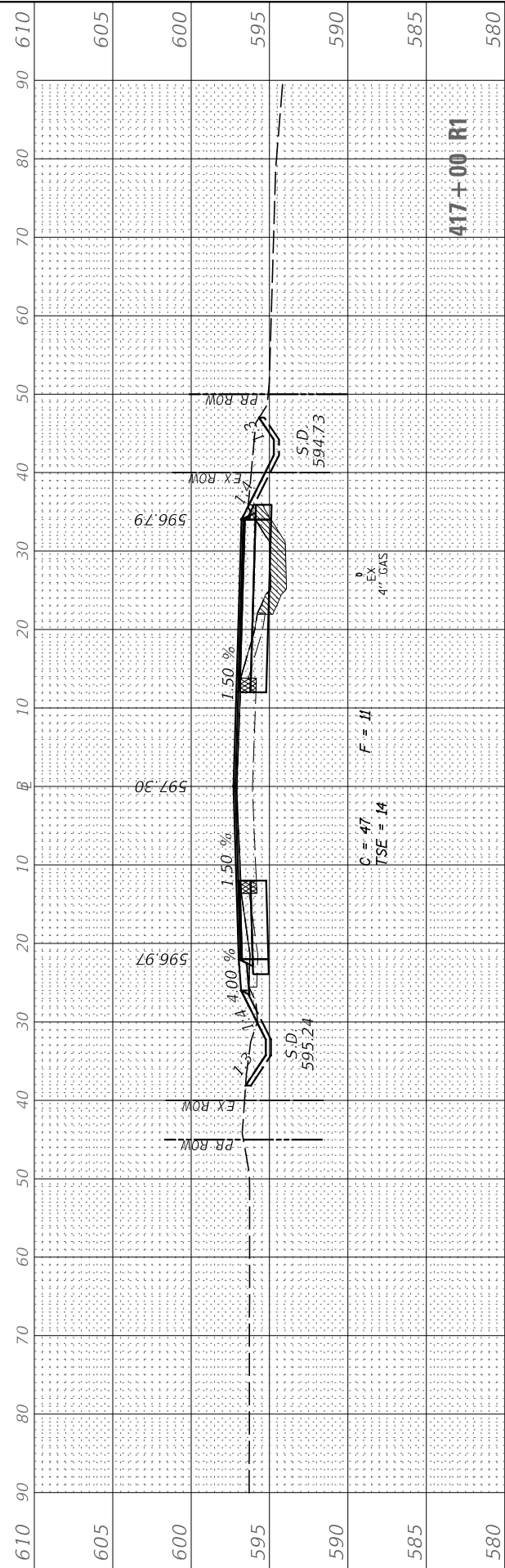
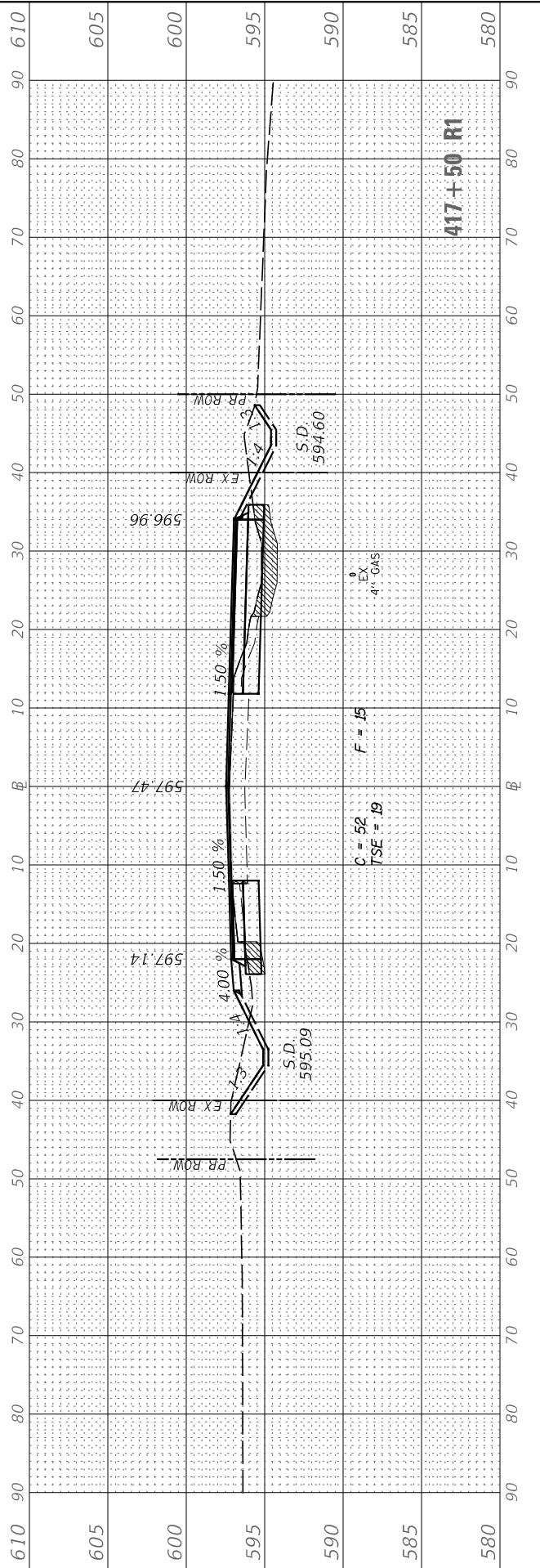
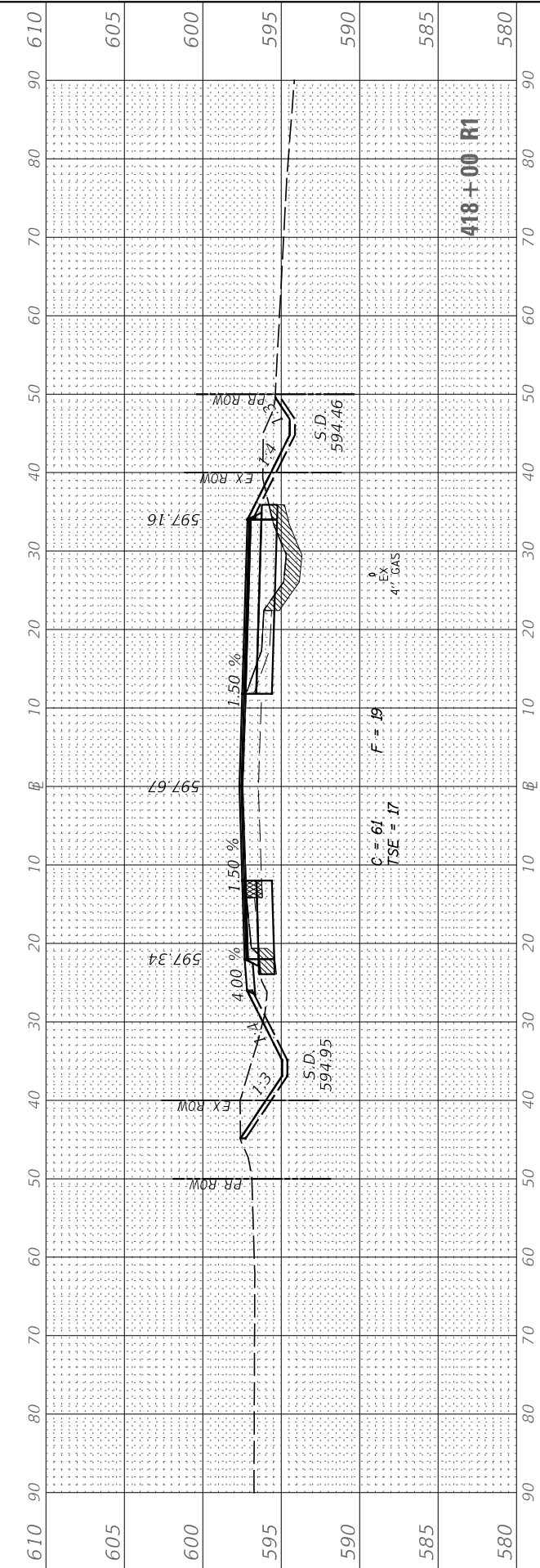
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	65
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: US52
NO. _____ AREAS CHECKED _____
FILE NAME: V:\4534 - Ridge Rd.-US 52 PE 1 + I\CADD\CADD Drawings\4534-xsc.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

US RTE 52 CROSS SECTIONS			
SCALE: H=10 V=5	SHEET 4	OF 12 SHEETS	STA. 416+50 R1 TO STA. 418+00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	66
		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE	BY	DATE

MODEL: US52
FILE NAME: V:\4534 - Ridge Rd-US 52 PE 1 + ILLCAD\CADD Drawings\4534+52.cad

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 1/20/2021

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

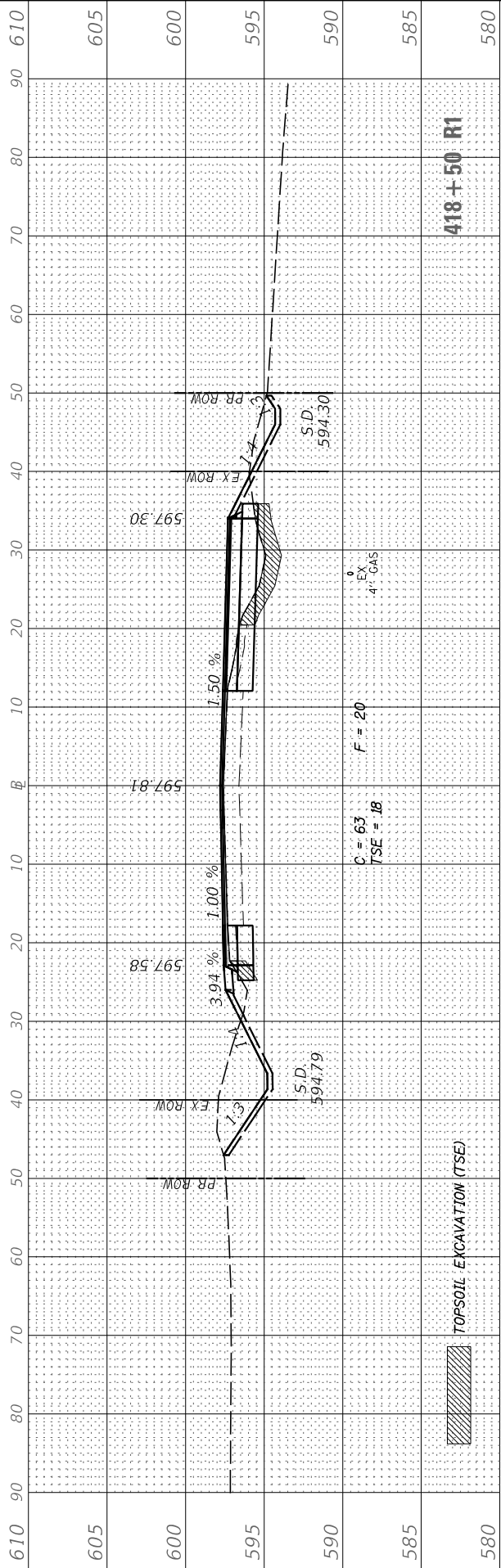
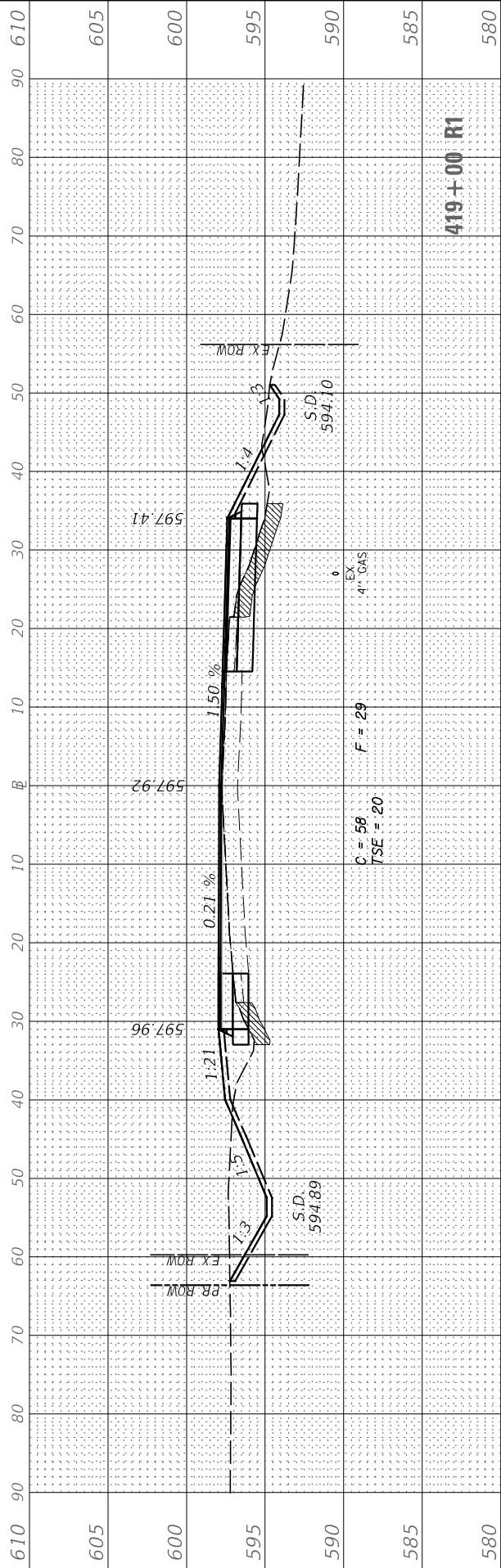
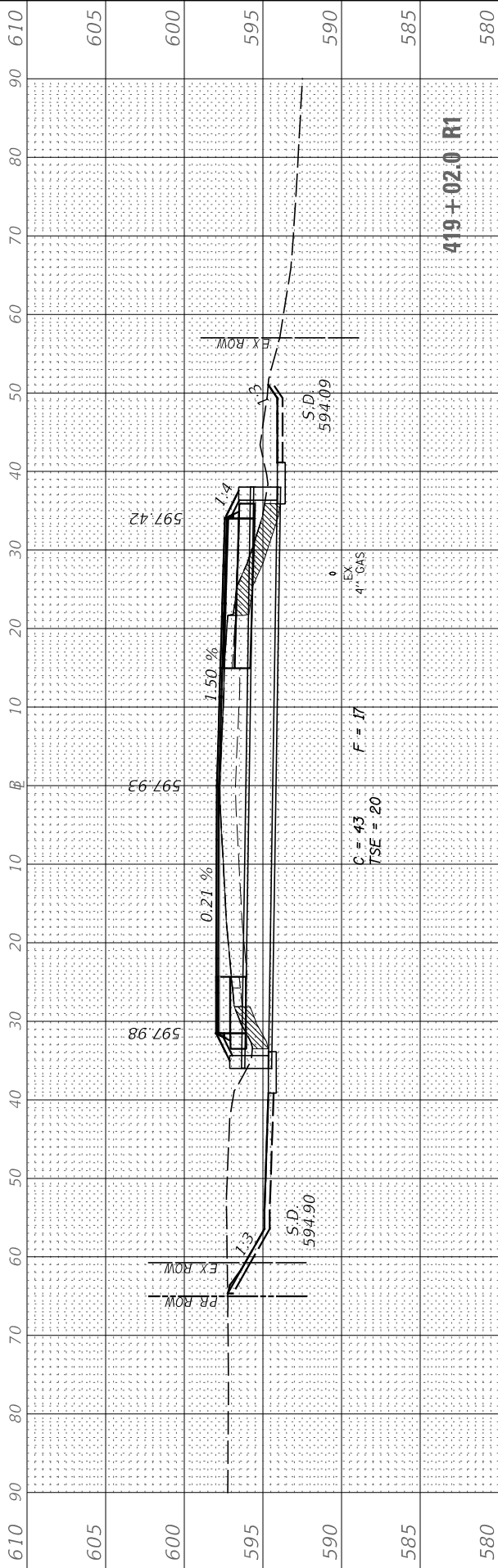
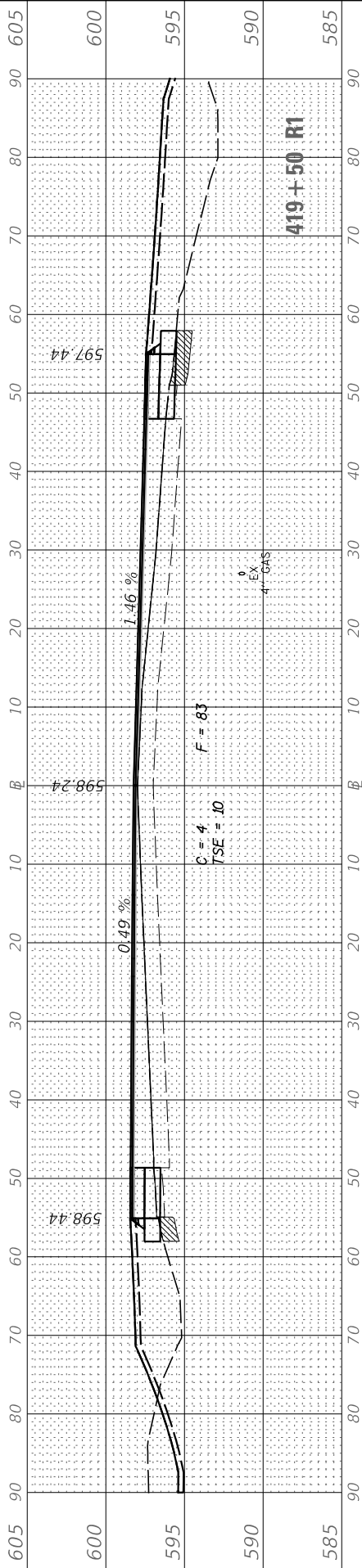
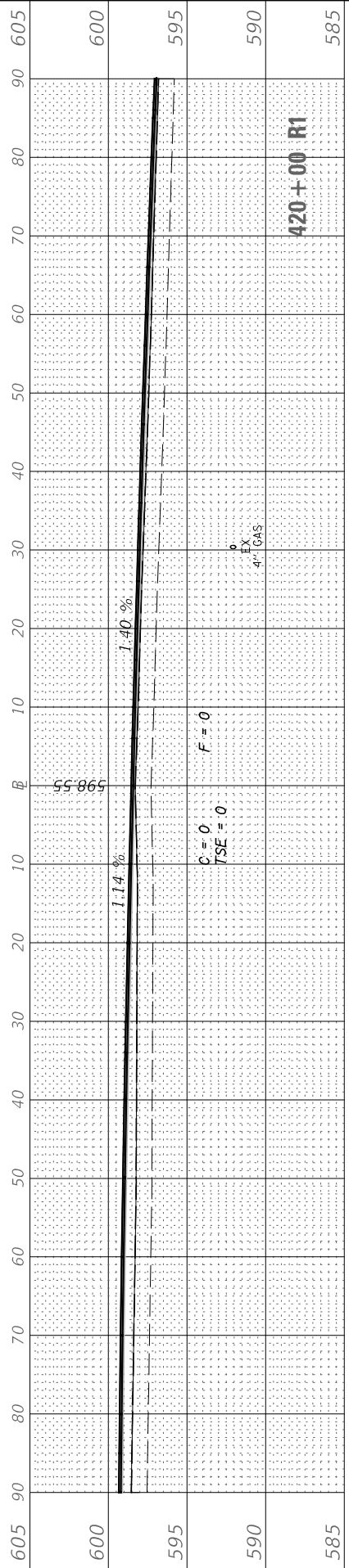
REVISED	-
REVISED	-
REVISED	-
REVISED	-

KENDALL COUNTY
HIGHWAY DEPARTMENT

US RTE 52
CROSS SECTIONS

SCALE: H=10 V=5 SHEET 5 OF 12 SHEETS STA. 418+50 R1 TO STA. 420+00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	67
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: US52
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DESIGNED	-
DRAWN	-
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 1/20/2021

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

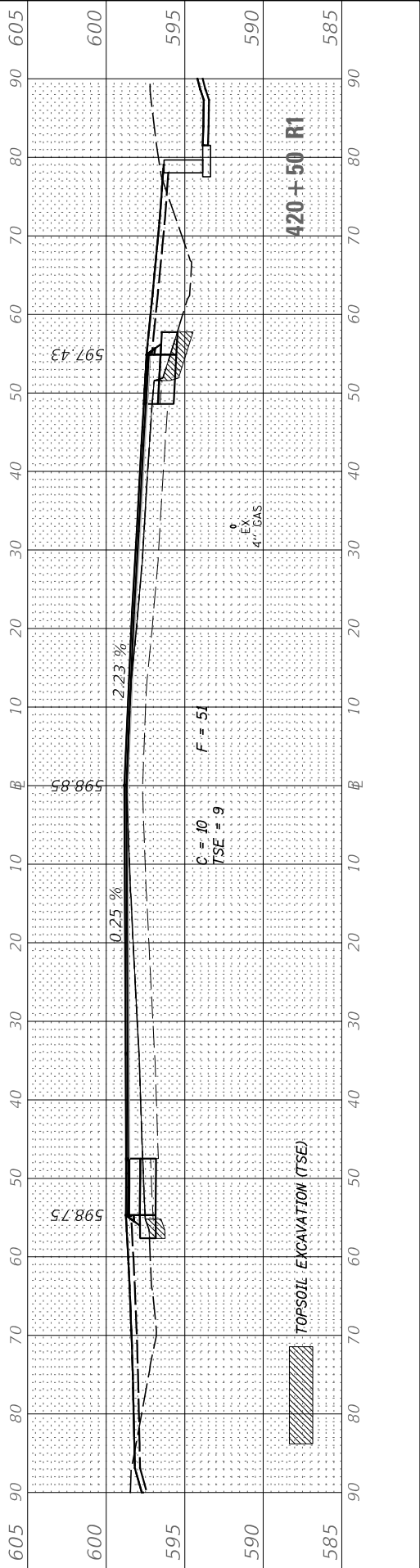
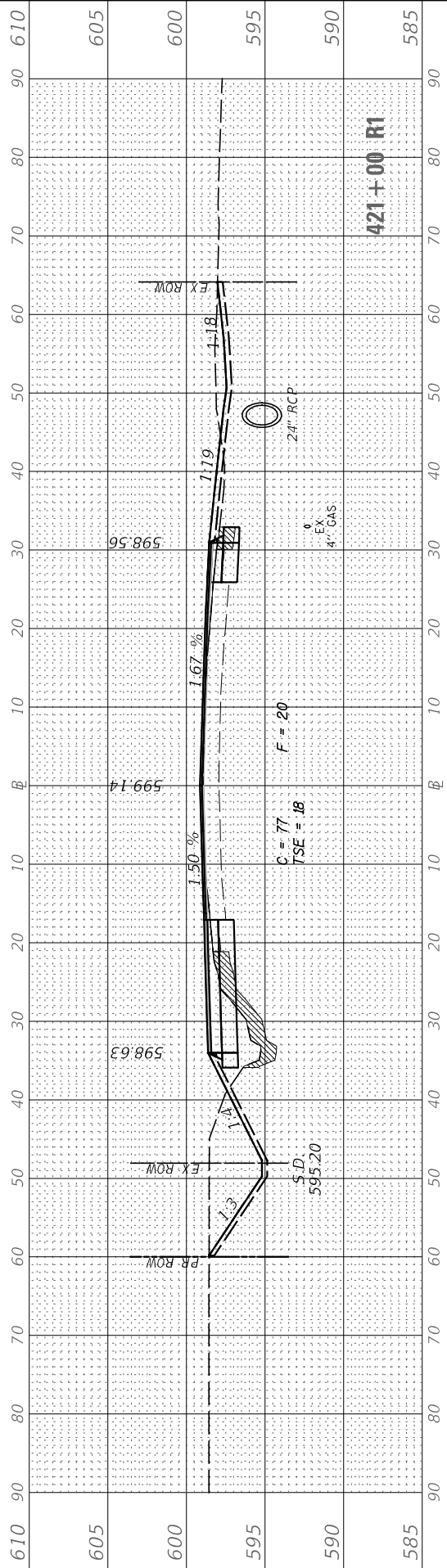
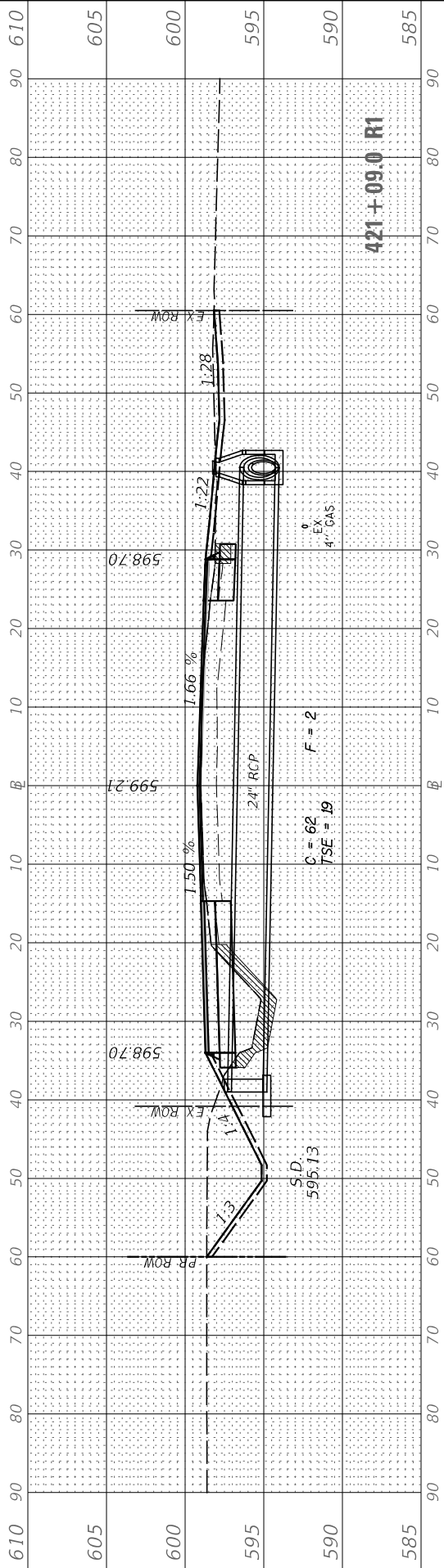
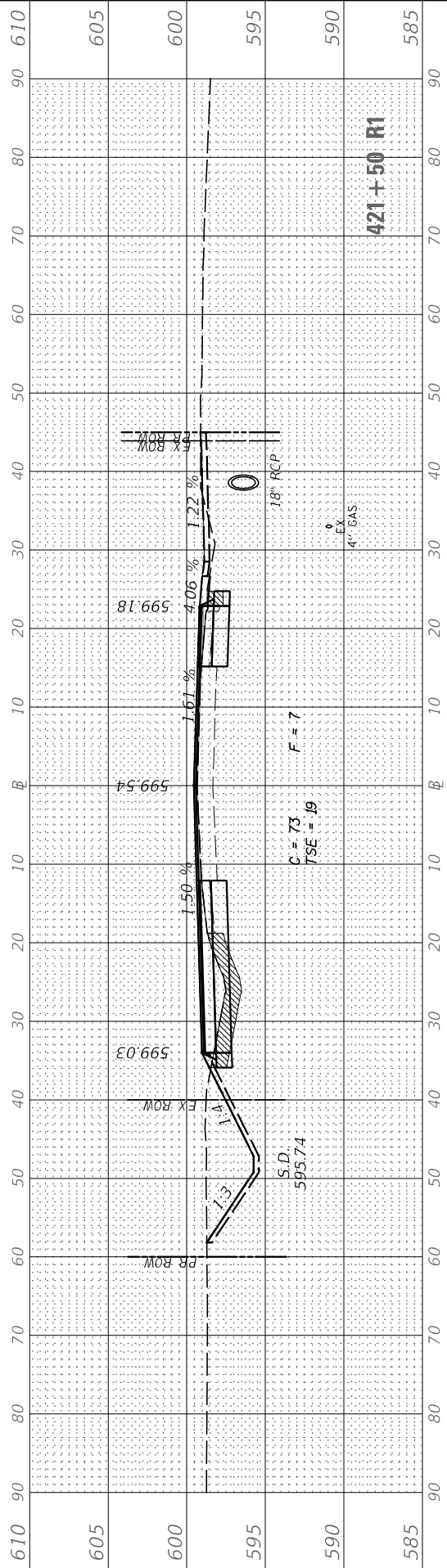
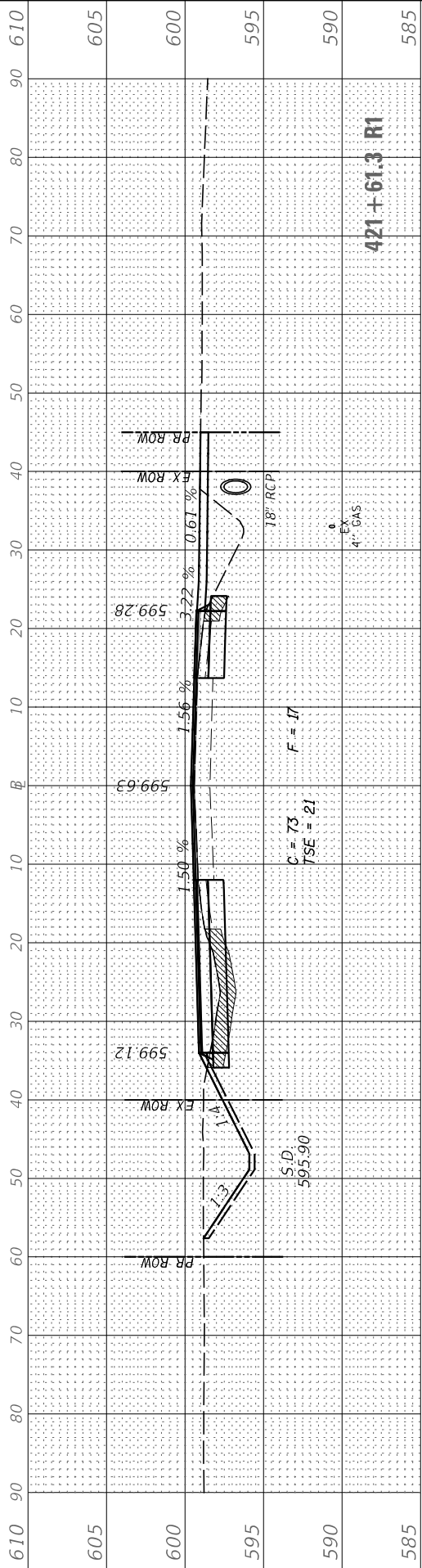
REVISED	-
REVISED	-
REVISED	-
REVISED	-

KENDALL COUNTY
HIGHWAY DEPARTMENT

SCALE: H=10 V=5 SHEET 6 OF 12 SHEETS STA. 420+50 R1 TO STA. 421+59.3 R1

US RTE 52
CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	68
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL US52
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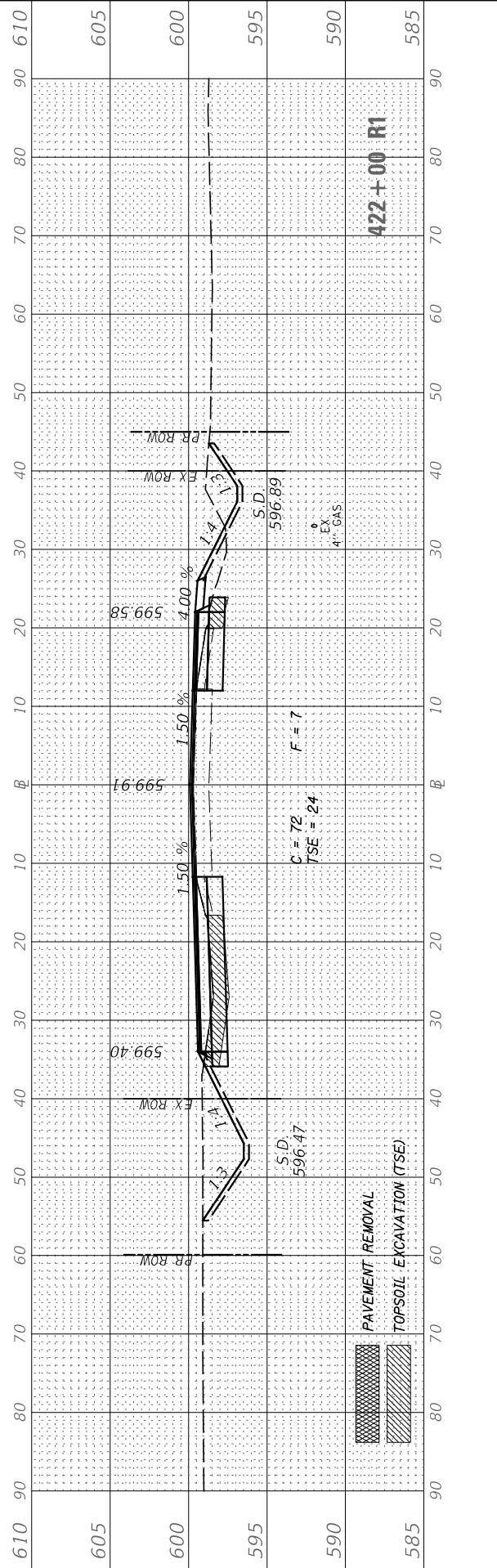
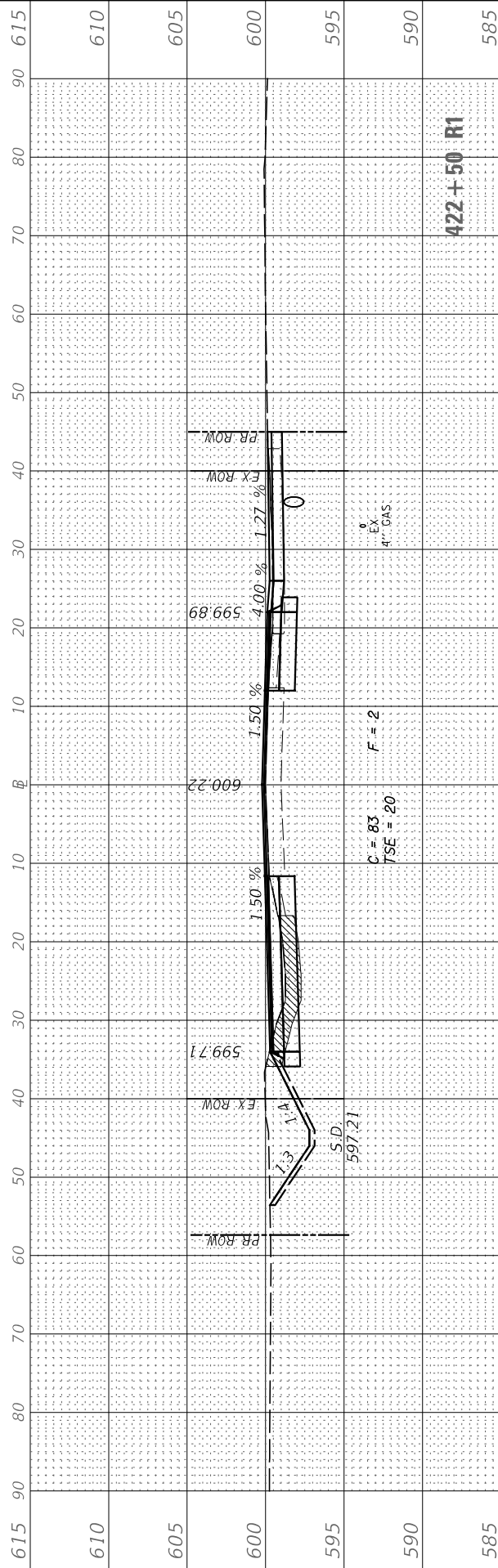
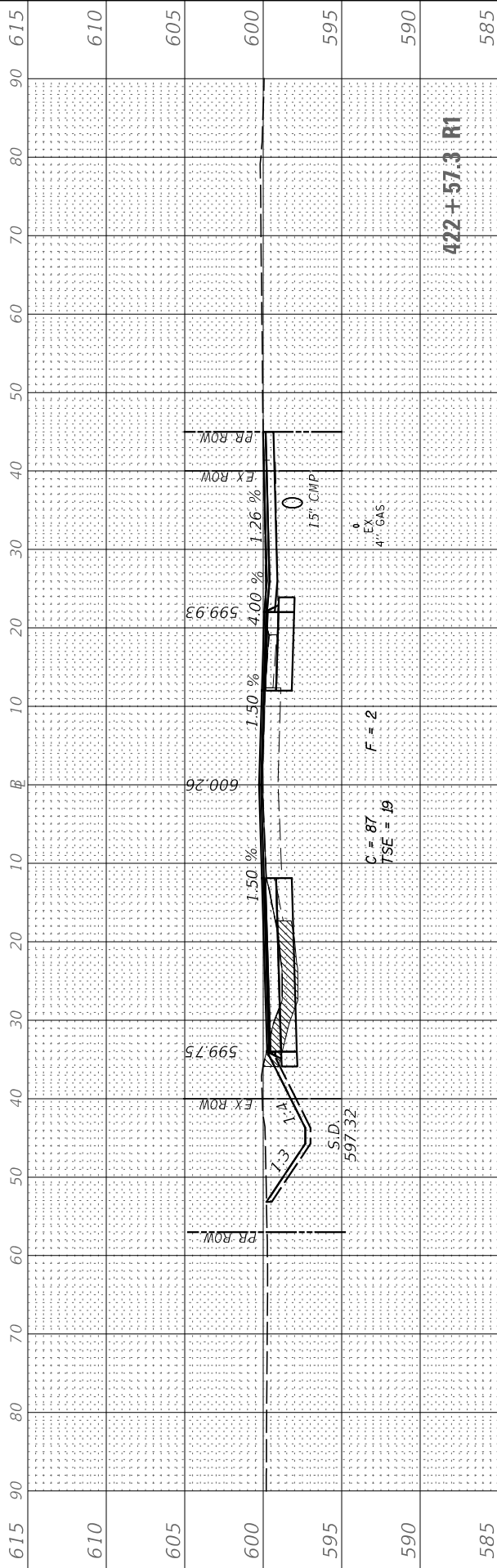
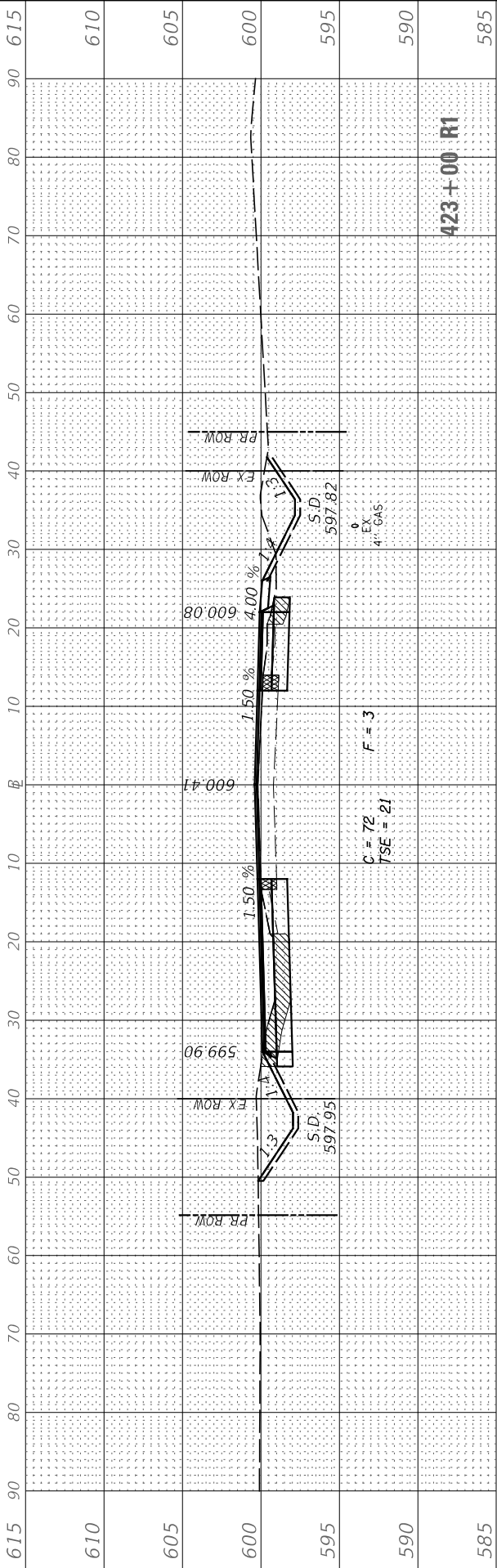
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	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

US RTE 52
CROSS SECTIONS

SCALE: H=10 V=5 SHEET 7 OF 12 SHEETS STA. 422+00 R1 TO STA. 423+00 R1

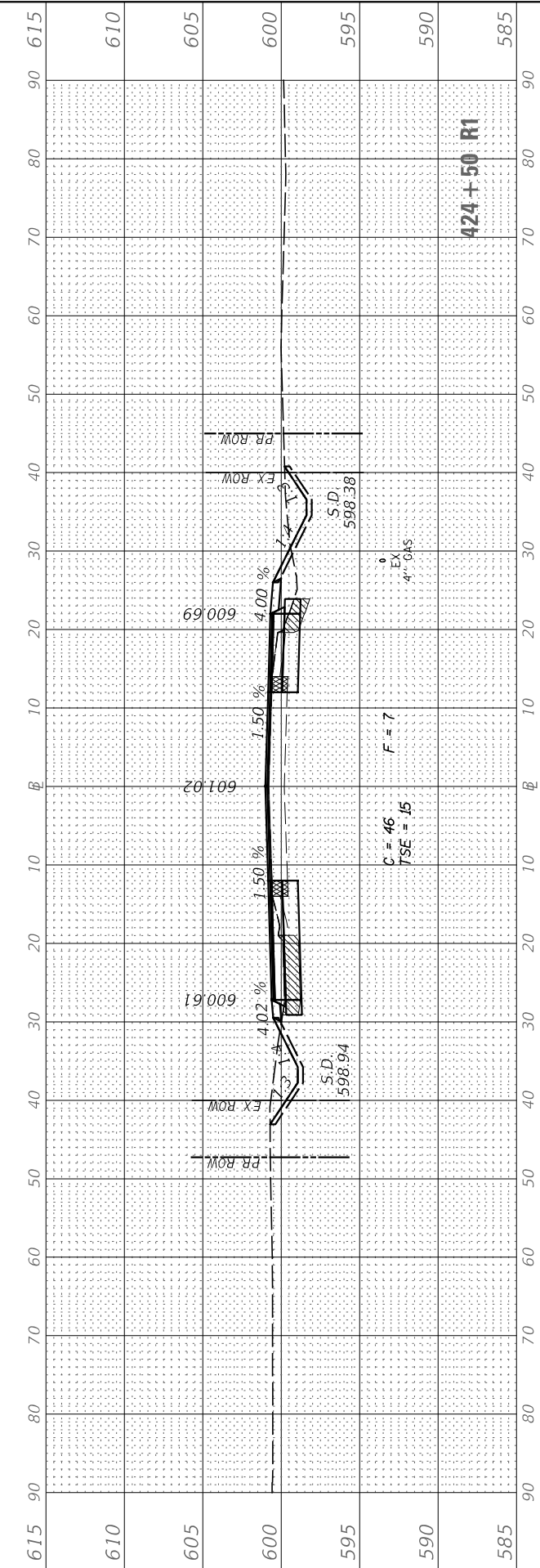
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	69
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



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

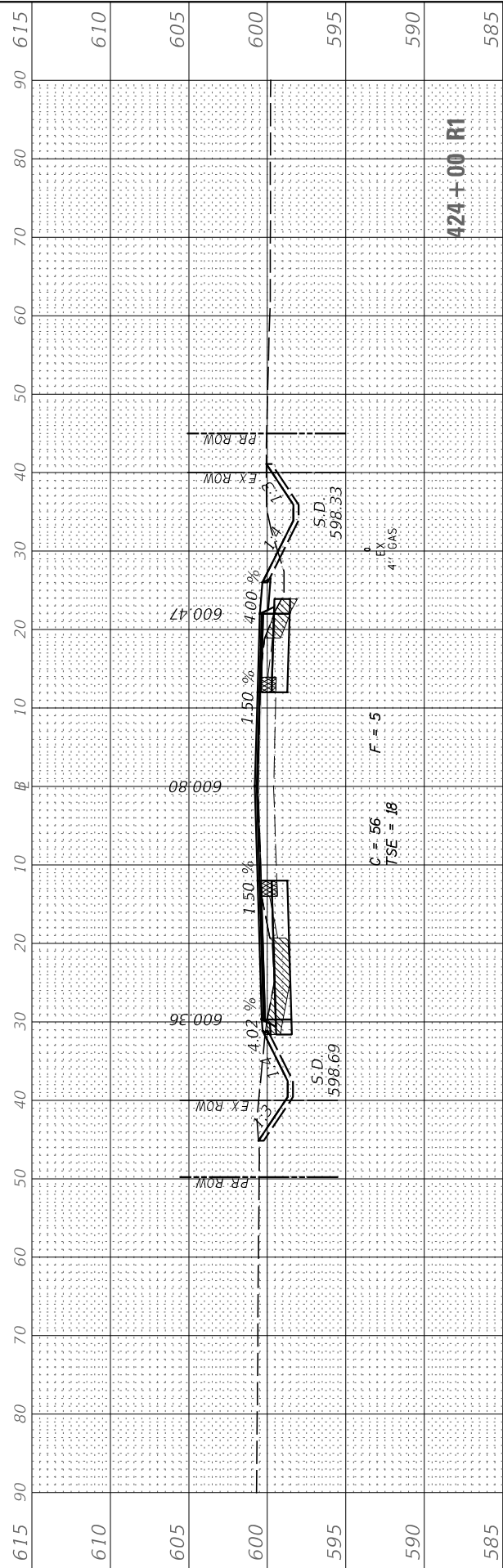
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NOTE BOOK			
SURVEYED _____			
PLOTTED _____			
TEMPLATE _____			
AREAS _____			
AREAS CHECKED _____			
NO. _____			

MODEL: US52
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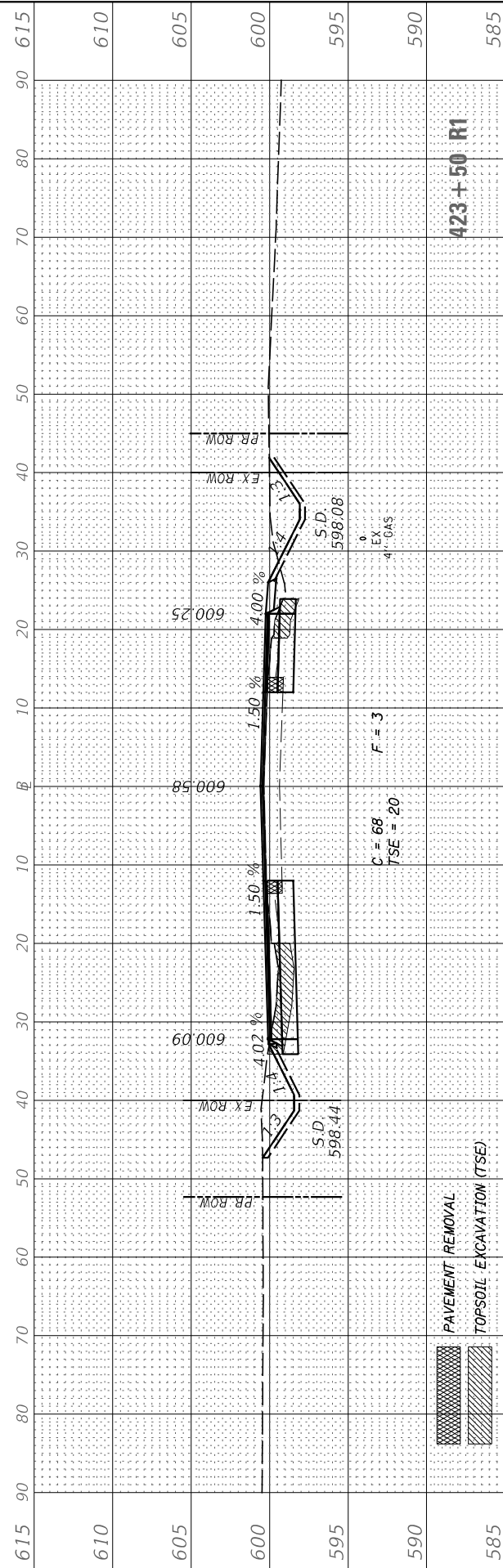
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	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**



US RTE 52 CROSS SECTIONS			
SCALE: H=10 V=5	SHEET 8	OF 12 SHEETS	STA. 423+50 R1 TO STA. 424+50 R1

US RTE 52
CROSS SECTIONS

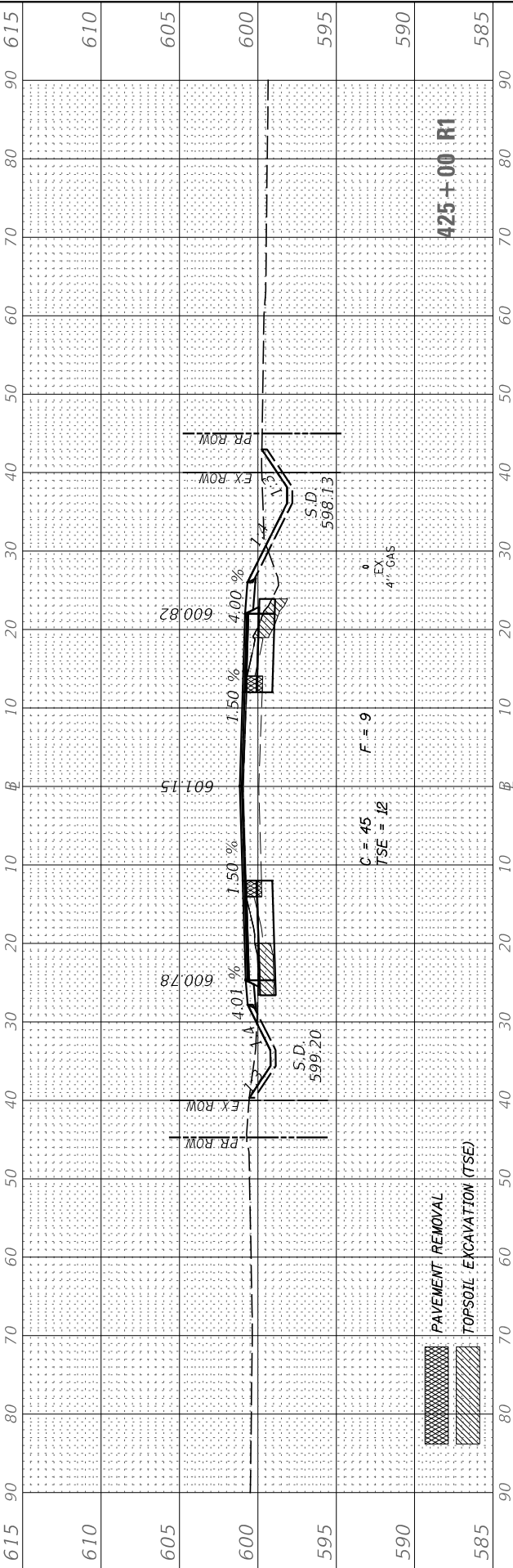
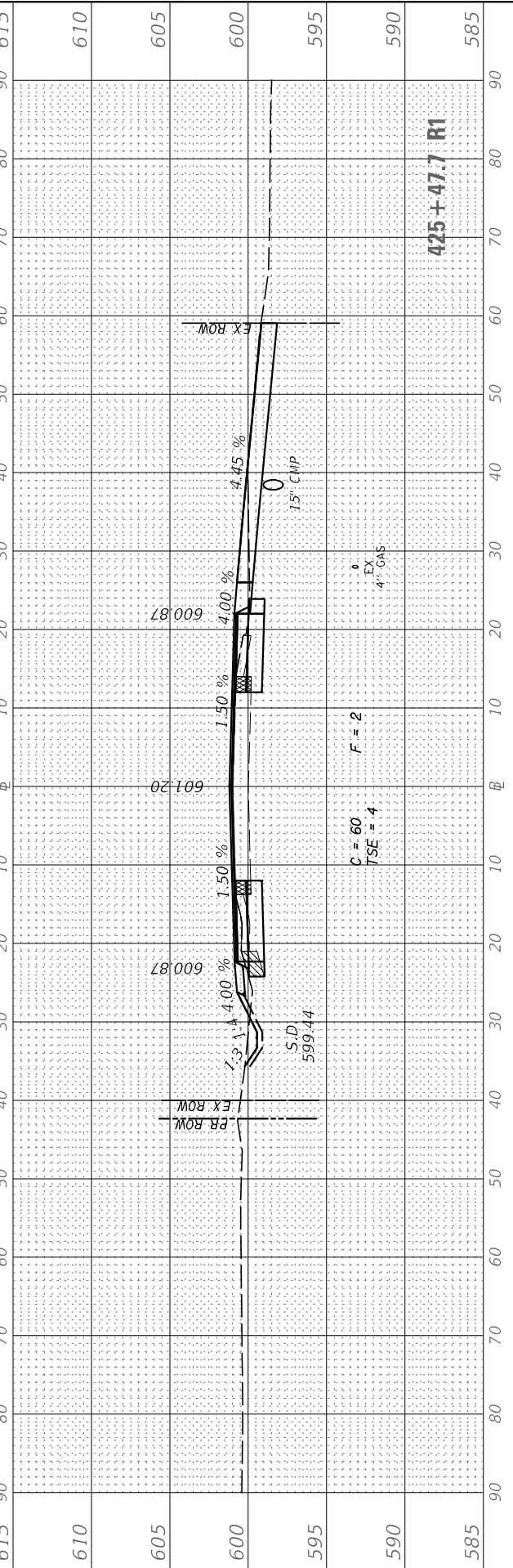
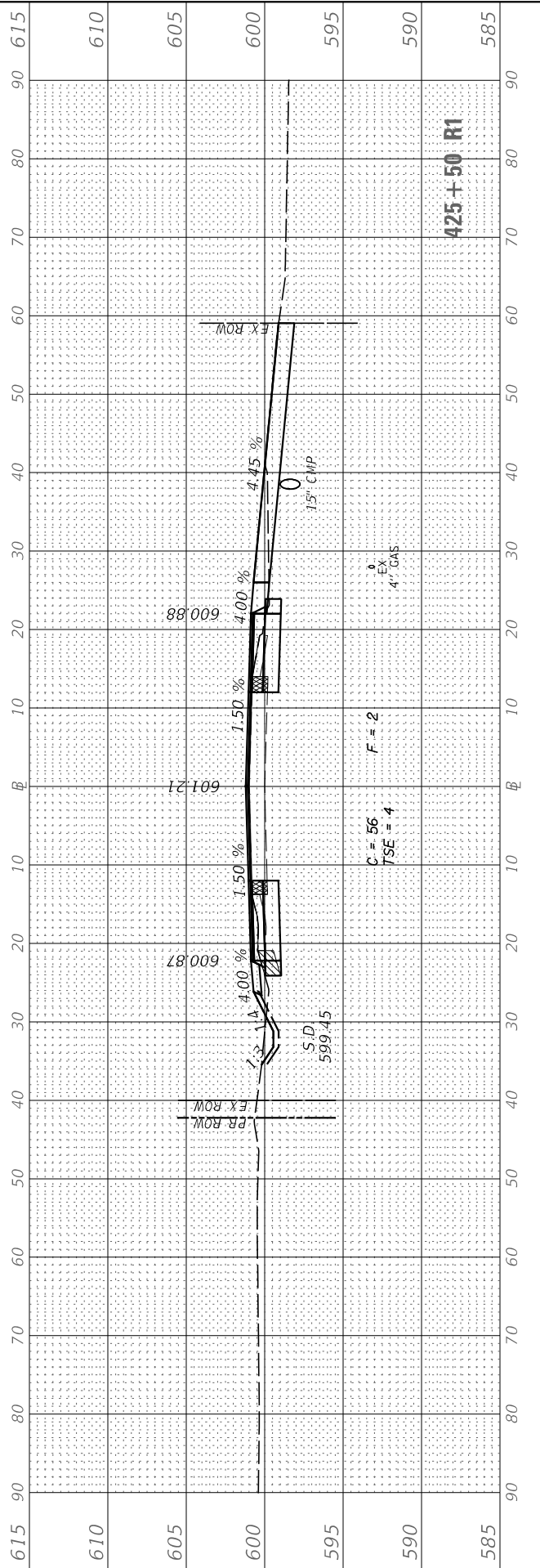
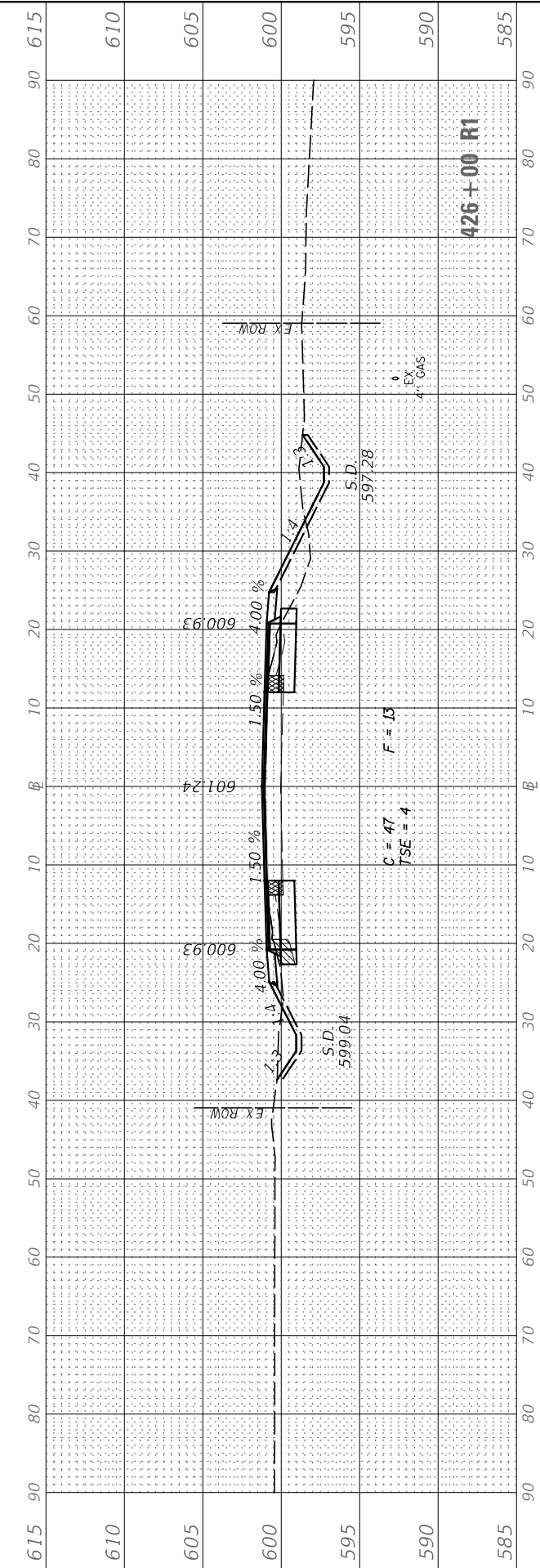


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	70
		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

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

ORIGINAL SURVEY		BY	DATE
NOTED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			

MODEL: US52
NO. _____ AREAS CHECKED _____
FILE NAME: V:\4534 - Ridge Rd.-US 52 PE 1 + I\CADD\CADD Drawings\4534-xsc.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

US RTE 52 CROSS SECTIONS			
SCALE: H=10 V=5	SHEET 9	OF 12 SHEETS	STA. 425+00 R1 TO STA. 426+00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	71
		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: US52
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PLOT DATE	= 1/20/2021

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

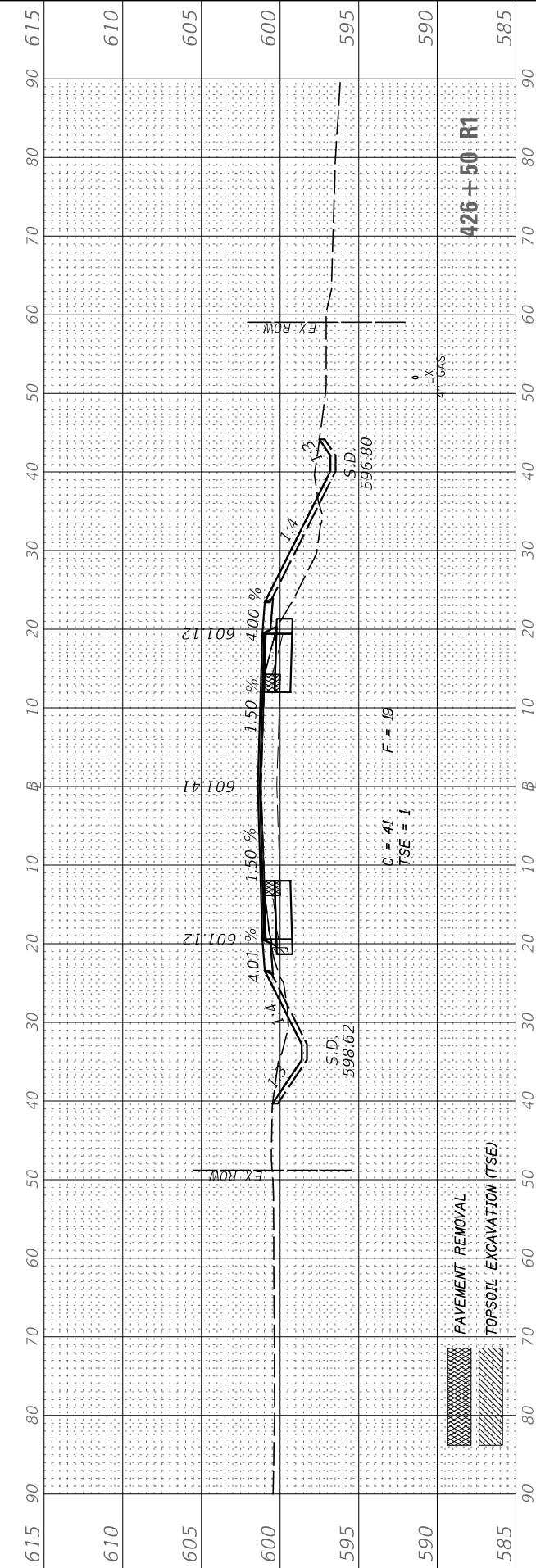
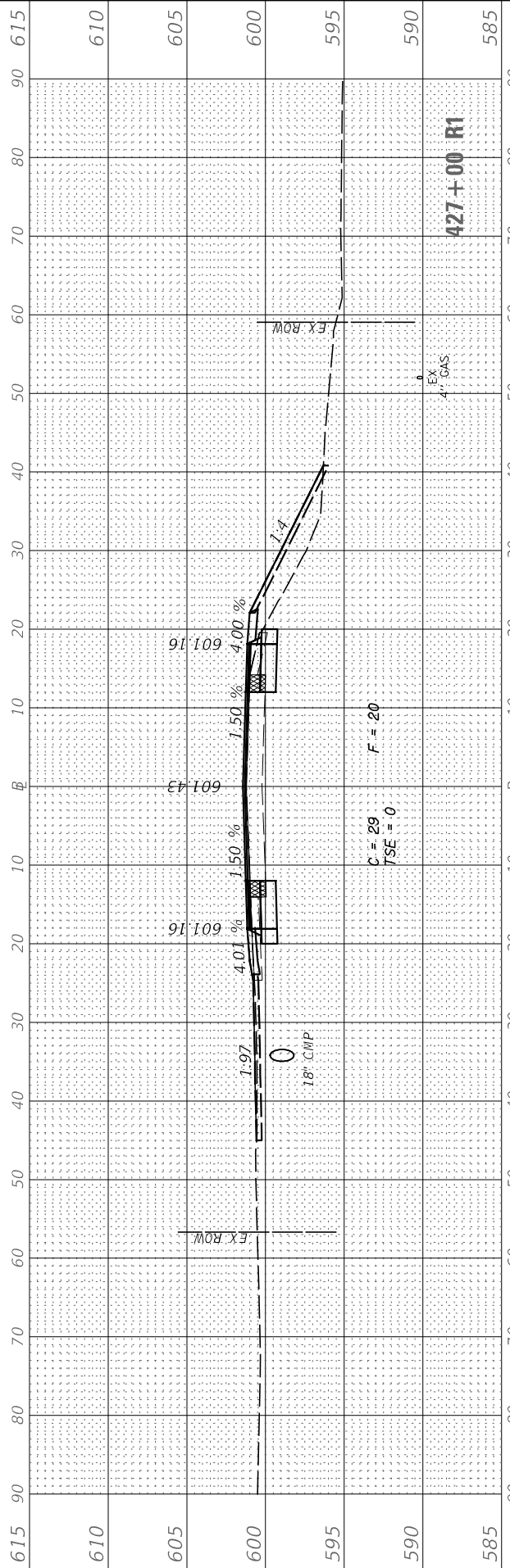
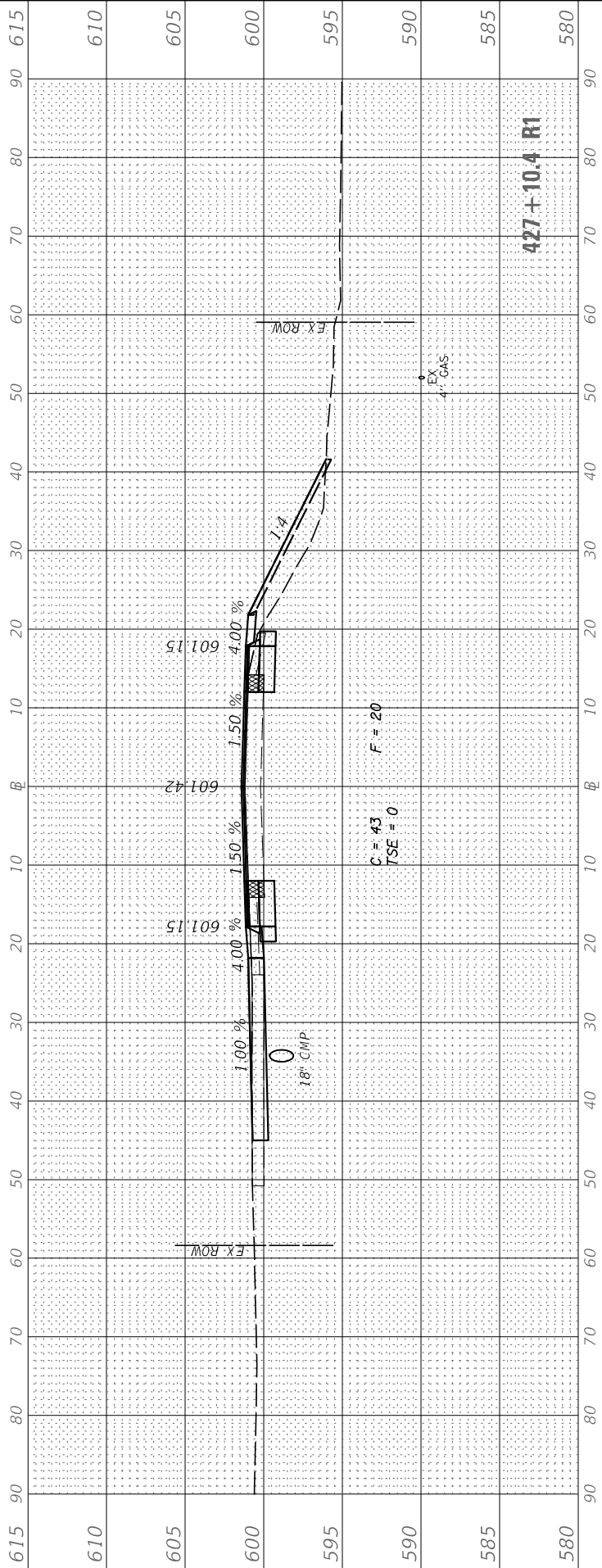
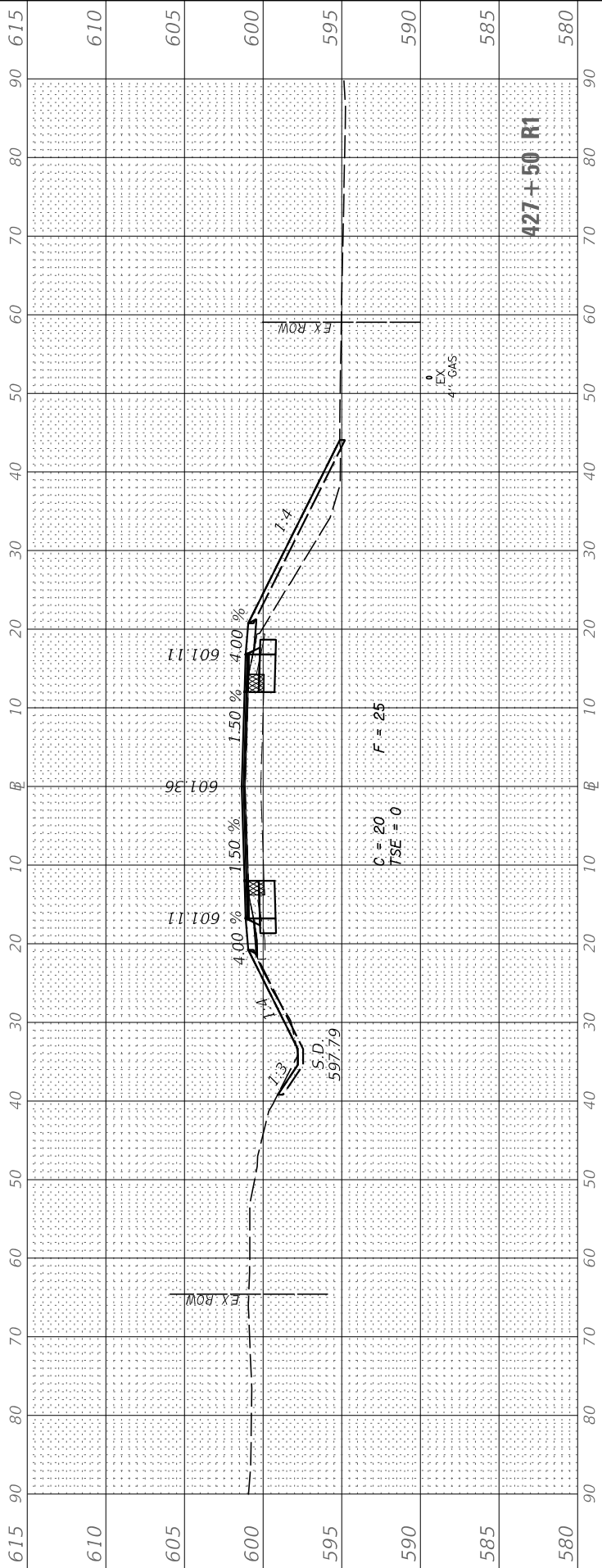
REVISED	-
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REVISED	-

KENDALL COUNTY
HIGHWAY DEPARTMENT

US RTE 52
CROSS SECTIONS

SCALE: H=10 V=5 SHEET 10 OF 12 SHEETS STA. 426+50 R1 TO STA. 427+50 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	72
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE	BY	DATE

MODEL US52
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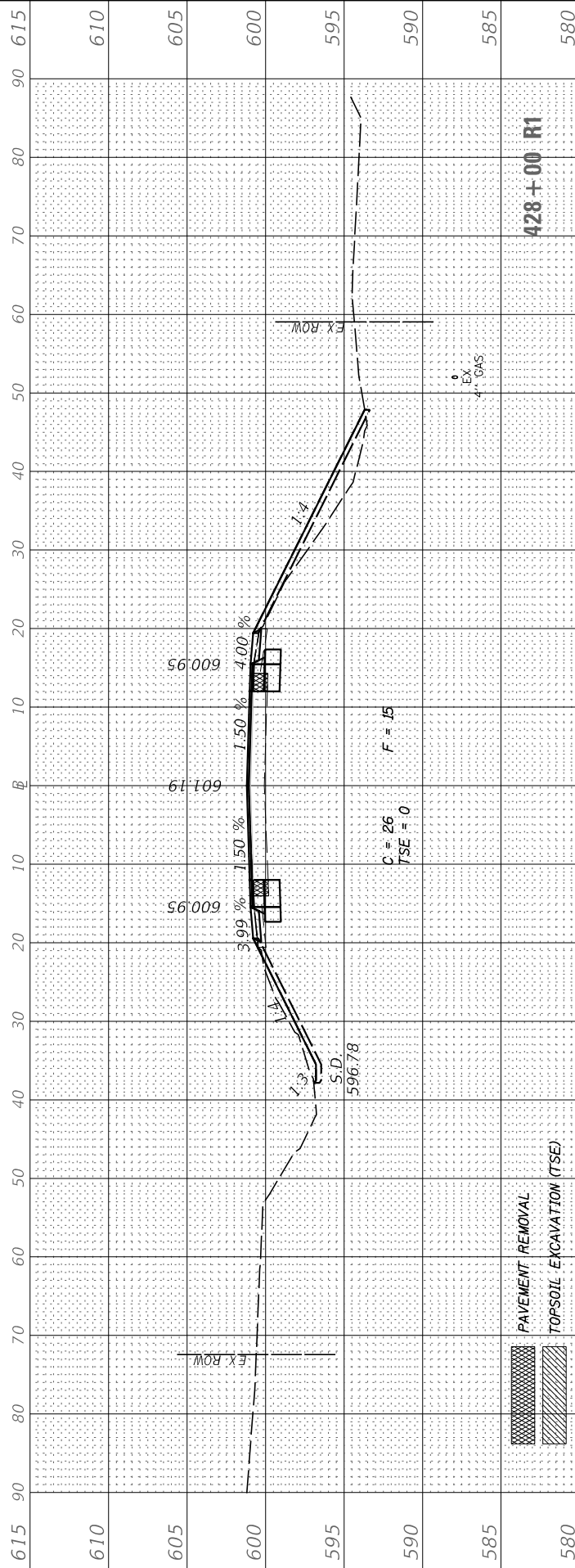
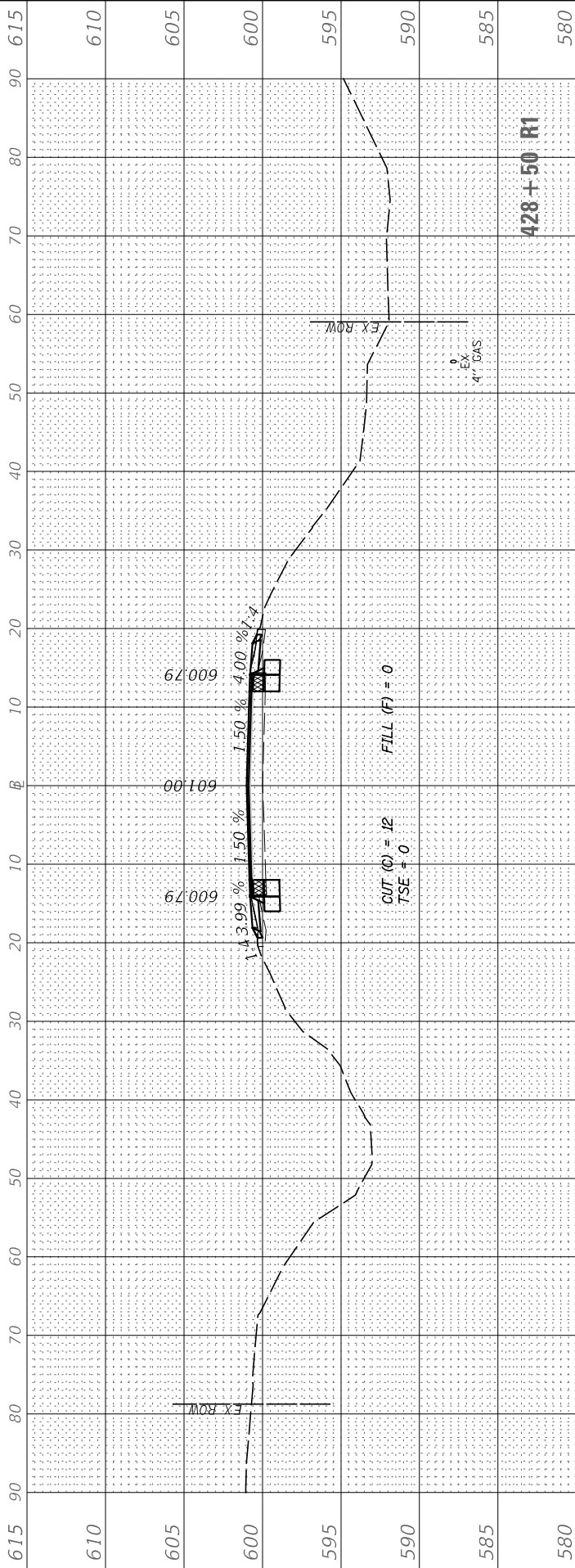
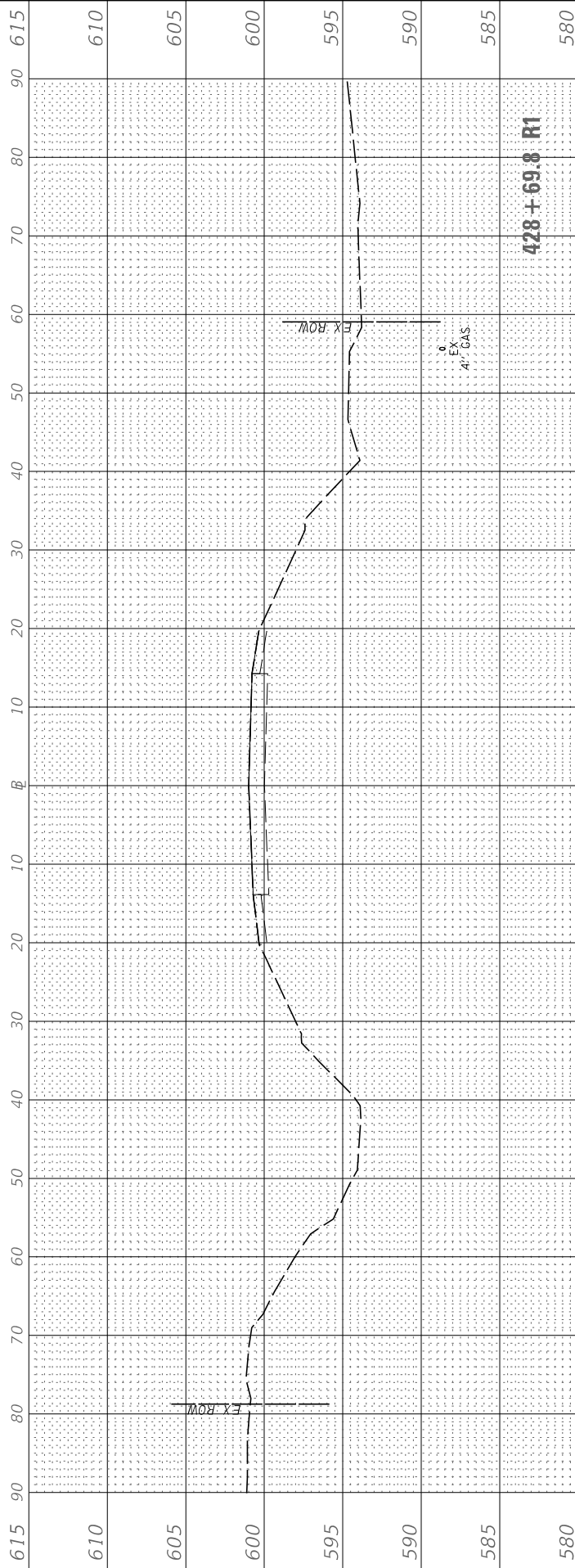
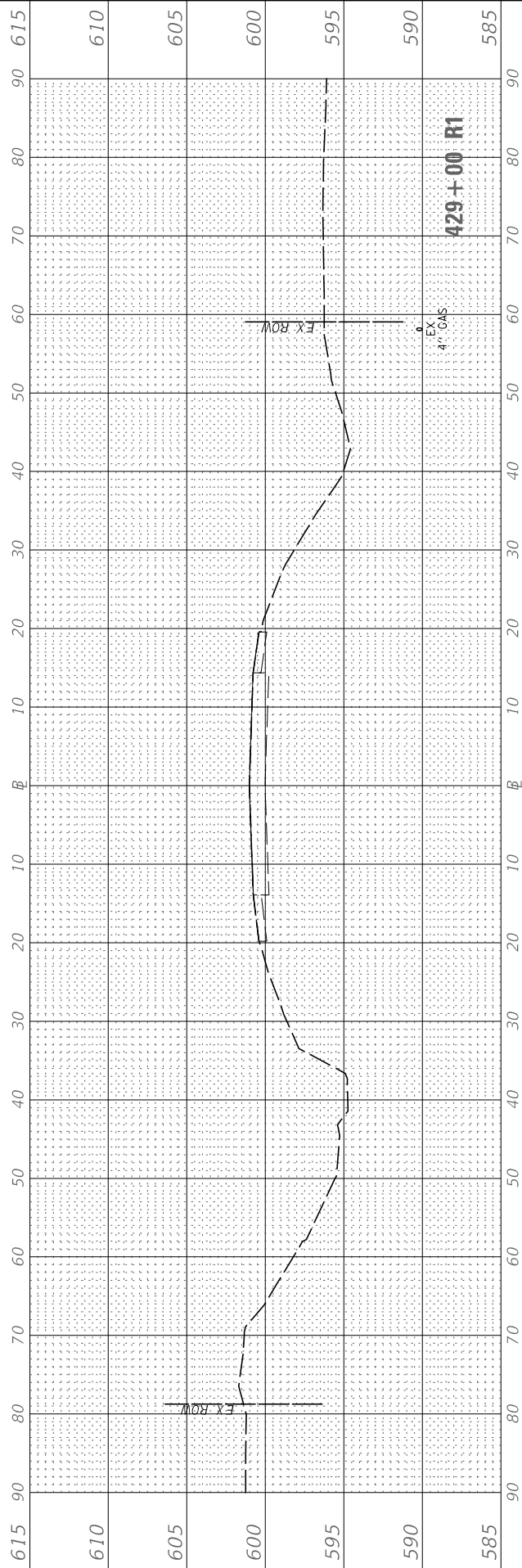
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PLOT SCALE	= 20.0000 ' / in.	DRAWN	-	REVISED	-
PLOT DATE	= 1/20/2021	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

KENDALL COUNTY
HIGHWAY DEPARTMENT

US RTE 52
CROSS SECTIONS

SCALE: H=10 V=5 SHEET 11 OF 12 SHEETS STA. 428+00 R1 TO STA. 429+00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	73
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



MODEL US52
FILE NAME: V:\4334 - Ridge Rd-US 52 PE 1 + ILLCAD\CADD Drawings\4334-rdc.dgn

USER NAME	= BDeCrane	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 20.0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 1/20/2021	DATE	-	REVISED	-

KENDALL COUNTY
HIGHWAY DEPARTMENT

US RTE 52
CROSS SECTIONS

SCALE: H=10 V=5 SHEET 12 OF 12 SHEETS STA. 429+50 R1 TO STA. 429+90 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	19-00152-00-TL	KENDALL	74	74
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

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

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

