

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

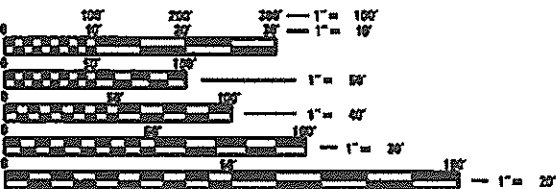
PROPOSED
HIGHWAY PLANS

F.A.S. ROUTE 528
SECTION 20-00453-00-SP
PROJECT A3HK(750)
CH 18 SAFETY IMPROVEMENT PROJECT
CHAMPAIGN COUNTY
C-95-007-24
HSIP #202012005

INDEX OF SHEETS

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FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
CURRENT ADT: 3150 (2021)
DESIGN YEAR ADT: 3150 (2022)
ASSUME 10% TRUCKS
DESIGN SPEED: 55 MPH
3R DESIGN GUIDELINES



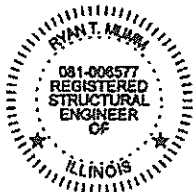
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JULIE
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

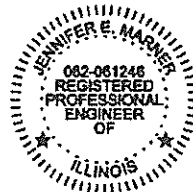
PROJECT ENGINEER - CCHD
PROJECT MANAGER - CCHD

CONTRACT NO. 91635

Ryan T. Munn 6-8-23
RYAN T. MUNN, P.E., S.E.
ILLINOIS REGISTERED STRUCTURAL ENGINEER
NO. 081-008577, EXPIRES NOVEMBER 30, 2024.
APPLIES TO STRUCTURAL SHEETS 41-43



Jennifer E. Manner 6-8-23
JENNIFER E. MANNER
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 082-081246
LICENSE EXPIRES NOVEMBER 30, 2023



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED *6/8/23* 20 23
[Signature]
CHAMPAIGN COUNTY ENGINEER

PASSED *7-19/23* 20 23
[Signature]
DISTRICT 5 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW *7-19/23* 20 23
Kensila Barnett
REGION 3 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

USER NAME = SUSERS	DESIGNED - JEM	REVISED -
	CHECKED - JB	REVISED -
PLOT SCALE = \$CALES	DRAWN - JEM	REVISED -
PLOT DATE = \$DATES	CHECKED - JB	REVISED -

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
COVER SHEET

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	1
CONTRACT NO. 91635				

PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED DATE PLACED CADD FILE NAME	BY	DATE

PROFILE	SURVEYED PLOTTED GRADES CHECKED DATE PLACED STRUCTURE NOTATIONS CHKD	BY	DATE

IDOT HIGHWAY STANDARDS

- 000001-08
001001-02
001006-
280001-07
442201-03
482001-02
482011-03
542301-03
542306-03
542401-04
542406-04
601001-05
602301-04
602306-03
602401-07
604001-05
604036-03
606101-05
606301-04
630001-12
630301-09
642006-01
666001-01
701001-02
701001-02
701006-05
701011-04
701201-05
701206-05
701301-04
701306-04
701326-04
701336-07
701502-09
701901-08
720001-01
720006-04
720011-01
725001-01
729001-01
780001-05
BLR 21-9
BLR 22-7
BLR 24-2
- STANDARD SYMBOLS AND ABBREVIATIONS
AREAS OF REINFORCEMENT BARS
DECIMAL OF AN INCH AND OF A FOOT
TEMPORARY EROSION CONTROL SYSTEMS
CLASS C & D PATCHES
HMA SHOULDER ADJACENT TO FLEXIBLE PVMT
HMA SHOULDER STRIPS WITH RESURFACING
PRECAST REINFORCED CONCRETE FES
PRECAST REINFORCED CONCRETE ELLIP. FES
METAL FLARED END SECTION FOR PIPE CULV
METAL FLARED END SECTION FOR PIPE ARCH
PIPE UNDERDRAINS
INLET TYPE A
INLET TYPE B
PRECAST MANHOLE - TYPE A 4' DIA.
FRAME AND LIDS TYPE 1
GRATE TYPE 8
TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
PC CONCRETE ISLANDS AND MEDIANS
STEEL PLATE BEAM GUARDRAIL
SHOULDER WIDENING FOR TY 1 GR TERMINAL
SHOULDER RUMBLE STRIP 8"
ROW MARKERS
OFF ROAD OP, 2L2W, MORE THAN 15' AWAY
OFF ROAD OP, 2L2W, 15' TO EOP
OFF ROAD MOVING OP, 2L2W, DAY ONLY
LANE CLOSURE, 2L2W, DAY ONLY
LANE CLOSURE, 2L2W, NIGHT ONLY
LANE CLOSURE, 2L2W, SHORT TIME OP
LANE CLOSURE, 2L2W, SLOW MOVING OP
LANE CLOSURE, 2L2W, PAVEMENT WIDENING
LANE CLOSURE, 2L2W, WORK AREAS IN SERIES
URBAN LANE CLOSURE, 2L2W W/LT TRN LANE
TRAFFIC CONTROL DEVICES
SIGN PANEL MOUNTING DETAILS
SIGN PANEL ERECTING DETAILS
METAL POSTS FOR SIGNS MARK & DELIN.
OBJECT AND TERMINAL MARKERS
APPLICATIONS OF TYPES A & B METAL POSTS
TYPICAL PAVEMENT MARKINGS
CONSTR ON RURAL LOCAL HWYS
CONTSR ON RURAL LOCAL HWYS (2L2W CLSD)
MAILBOX TURNOUTS - LOCAL ROADS

GENERAL NOTES

ALL ELEVATIONS SHOWN ARE REFERRED TO THE U.S.G.S. DATUM (NAVD 1988).

WHEREVER IN THE PLANS AND SPECIFICATIONS THE TERM STANDARD SPECIFICATIONS IS USED, IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED JANUARY 1, 2022.

ANY REFERENCE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN ON THE SCHEDULE OF STANDARD DRAWINGS ON THIS SHEET.

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

THE CONTRACTOR SHALL NOT BEGIN ANY CONSTRUCTION OPERATIONS UNTIL ALL SURVEY MONUMENTS HAVE BEEN SUFFICIENTLY WITNESSED OR REFERENCED BY THE ENGINEER. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PRESERVE AND NOT DISTURB THE EXISTING IRON PIPE MONUMENTS OR RIGHT-OF-WAY MARKERS. ANY IRON PIPE MONUMENTS OR RIGHT-OF-WAY MARKERS SO DISTURBED BY THE CONTRACTOR SHALL BE RESET BY A REGISTERED ILLINOIS LAND SURVEYOR. THE COST FOR RESETTING THESE MONUMENTS SHALL BE PAID FOR BY THE CONTRACTOR.

UTILITIES - THESE DRAWINGS ILLUSTRATE THE APPROXIMATE LOCATION OF ALL KNOWN UNDERGROUND UTILITIES. THE CONTRACTOR MAY EXPECT TO FIND SUCH UTILITIES WITHIN APPROXIMATELY FIVE FEET OF THE POSITION INDICATED ON THE DRAWINGS, BUT IN EVERY CASE THE CONTRACTOR SHALL LOCATE AND UNCOVER SUCH UTILITIES WITH THE ASSISTANCE OF THE RESPECTIVE UTILITY COMPANIES, BEFORE ANY EXCAVATION IS STARTED.

CALL J.U.L.I.E. 1-800-892-0123 FOR UNDERGROUND UTILITY LOCATION MARKING PRIOR TO START OF CONSTRUCTION.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES AT THE TIME OF CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THOSE ORGANIZATIONS WHILE THEY PERFORM THEIR WORK.

DURING CONSTRUCTION THE CONTRACTOR MAY ENCOUNTER VARIOUS TYPES OF UNDERGROUND UTILITIES THAT MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL COOPERATE WITH THE ENGINEER AND THE OWNER OF THE UTILITY WHILE THE UTILITY COMPANY ADJUSTS THEIR FACILITIES IF NECESSARY. IF IT IS DETERMINED THAT THE UTILITY HAS BEEN ABANDONED, THE CONTRACTOR WILL BE DIRECTED TO REMOVE THE UTILITY LINES THAT CONFLICT WITH HIS WORK AND CAP OR PLUG THE LINES AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCLUDED IN THE CONTRACT.

THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 48 HOURS PRIOR TO EXCAVATION OPERATIONS.

THE EXISTING DELINEATORS WHICH INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. THE COST FOR DOING THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CONTRACTOR SHALL CAREFULLY PROTECT ANY TREES OR SHRUBS OR OTHER LANDSCAPING NOT INCLUDED IN THE CONTRACT FOR REMOVAL. SNOW FENCE SHALL BE ERECTED TWO FEET FROM TREES AND SHRUBS TO REMAIN THAT ARE IMMEDIATELY ADJACENT TO THE WORK, FOR PROTECTION DURING CLEARING AND CONSTRUCTION OPERATIONS. COST OF THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SHRUBS, BUSHES AND STUMPS THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. COST OF REMOVAL OF SHRUBS, BUSHES OR STUMPS SHALL BE INCLUDED IN THE ITEM EARTH EXCAVATION WITH NO ADDITIONAL COMPENSATION ALLOWED.

THE EARTH EXCAVATION SHALL INCLUDE THE REMOVAL OF THE EARTH AND UNCLASSIFIED MATERIALS.

GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES AND OTHER NATURAL OR MANMADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT ITEMS THAT DO NOT NEED TO BE DISTURBED BY THE CONSTRUCTION SHALL BE PRESERVED. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL DEBRIS AND EXCESS MATERIAL (BROKEN CONCRETE, PIPES, WASTE EXCAVATION, ETC.) SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

ALL TRENCHES BELOW OR WITHIN TWO FEET OF THE PROPOSED PAVEMENT, OR DRIVEWAY SHALL BE BACKFILLED WITH TRENCH BACKFILL IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. ALL TRENCH BACKFILL UNDER MAINLINE CH 18 WILL BE CONTROLLED LOW-STRENGTH MATERIAL.

SHORT-TERM PAVEMENT MARKINGS SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING ACTIVITIES: COLD-IN-PLACE RECYCLING, BINDER COURSE AND SURFACE COURSE. APPLICATION RATE FOR CENTERLINE: 4 FEET PER 40 FEET. REMOVAL OF THE SHORT-TERM PAVEMENT MARKINGS WILL BE REQUIRED ON THE SURFACE LIFT.

SEEDING SHALL BE DONE AT LOCATIONS SHOWN ON THE PLANS WHERE THE EXISTING EARTH HAS BEEN DISTURBED, AND AT LOCATIONS DIRECTED BY THE ENGINEER. ANY EXISTING AREAS OUTSIDE THE LIMITS OF CONSTRUCTION DAMAGED BY THE CONTRACTOR SHALL BE SEEDD AT HIS OWN EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SPECIAL ATTENTION IS CALLED TO ARTICLE 250.07 REGARDING SEEDING DATES.

A N.P.D.E.S. PERMIT WILL BE REQUIRED FOR THIS PROJECT FOR EROSION AND SEDIMENT CONTROL. TO SATISFY THIS REQUIREMENT THE CONTRACTOR WILL BE REQUIRED TO PROVIDE INLET AND PIPE PROTECTION AS SHOWN ON STANDARD 280001 AT LOCATIONS AS DIRECTED BY THE ENGINEER. AN ESTIMATED QUANTITY FOR INLET AND PIPE PROTECTION HAS BEEN INCLUDED IN THE PROJECT AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

EXISTING CONCRETE AND BITUMINOUS CONCRETE PAVEMENT IN WHICH THE TOP SURFACE IS TO BE BUTT JOINED TO THE PROPOSED WORK SHALL BE SO JOINED THROUGH FULL DEPTH SAW CUT JUNCTIONS. THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE BUTT JOINT PAY ITEMS.

BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.

THE MATERIAL OF THE PIPE CULVERT END SECTIONS SHALL MATCH THE MATERIAL OF THE PIPE CULVERT ON WHICH THEY ARE TO BE INSTALLED.

THE EXISTING FIELD TILES SHALL BE LOCATED AND CONNECTED WITH NEW STORM SEWERS AND CONCRETE COLLARS AND OUTLETTED AS SHOWN ON THE PLAN. THIS WORK SHALL BE AS DIRECTED BY THE ENGINEER. THESE CONCRETE COLLARS ARE TO BE CONSIDERED INCLUDED IN THE COST OF DRAINAGE STRUCTURES AND STORM SEWERS.

BEFORE ORDERING STORM SEWERS, INLETS AND MANHOLES, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.

AT LOCATION INDICATED ON THE PLANS, PROPOSED STORM SEWERS ARE TO BE CONNECTED INTO EXISTING MANHOLES OR EXISTING STORM SEWERS. THESE CONNECTIONS SHALL BE MADE IN A WORKMANLIKE MANNER AND MASONRY CONSTRUCTED AROUND THEM SO AS TO PREVENT LEAKAGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED WITH THE STORM SEWER PAY ITEMS OF THE SIZE AND TYPE SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. CONCRETE COLLARS ARE TO BE CONSIDERED INCLUDED IN THE COST OF DRAINAGE STRUCTURES AND STORM SEWERS.

AT VARIOUS LOCATIONS NOTED ON THE PLANS, THE CONTRACTOR WILL BE REQUIRED TO PLUG EITHER EXISTING STORM SEWERS OR EXISTING UNDERGROUND CULVERTS. THIS WORK WILL CONSIST OF MASONRY OR CONCRETE CONSTRUCTION AND SHALL BE APPROVED BY THE ENGINEER BEFORE BACKFILLING. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE EARTH EXCAVATION.

THE EXISTING STORM SEWERS AND PIPE CULVERTS SHOWN TO BE REMOVED ON THE PLANS SHALL BE DONE IN ACCORDANCE WITH SECTION 551 OF THE STANDARD SPECIFICATIONS EXCEPT THAT SALVAGING OF THE PIPE WILL NOT BE REQUIRED. THE EXISTING STORM SEWERS (FIELD TILES) THAT ARE REMOVED THAT ARE WITHIN THE LIMITS OF THE PROPOSED TRENCHES FOR STORM SEWER (SPECIAL) WILL NOT BE MEASURED FOR PAYMENT AND SHOULD BE CONSIDERED INCLUDED IN THE COST OF EXCAVATION FOR NEW STORM SEWERS. ALL PIPE CULVERTS THAT ARE REMOVED SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE CULVERTS TO BE REMOVED. PLAN SCHEDULES INCLUDE TYPE, SIZE AND LENGTH OF THESE CULVERTS FOR YOUR INFORMATION.

ALL DRAINAGE STRUCTURES, STORM SEWERS AND PIPE CULVERTS TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

ALL STREET RETURNS SHALL HAVE RADII MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED ON THE PLANS.

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

APPLICATION RATES

AGGREGATE SURFACE COURSE: 2.05 TON / CUBIC YARD

AGGREGATE BASE COURSE: 1.8 TON / CUBIC YARD

AGGREGATE FOR TEMPORARY ACCESS: 5 TON / ENTRANCE

AGGREGATE PRIME COAT: 3 LB / SQ YD (NOT MEASURED FOR PAYMENT)

BITUMINOUS MATERIALS (TACK COAT):
MILLED HMA: 0.05 LB / SQ FT
HMA LIFTS: 0.025 LB / SQ FT

BITUMINOUS MATERIALS (PRIME COAT) ON AGGREGATE BASES:
RESIDUAL ASPHALT RATE: 0.25 LB / SQ FT

BUTT JOINTS: 1:40 (V:H)

DITCH CHECKS INCLUDED FOR EVERY 1' OF FALL IN DITCH

EARTHWORK SHRINKAGE FACTOR = 0.25

HMA ITEMS: 112 LB / SY / INCH

PAVEMENT MARKING SKIP-DASH: 15' STRIPE EVERY 40' OF CENTERLINE

SHORT-TERM PAVEMENT MARKINGS: 4' STRIPE EVERY 40' OF CENTERLINE

HMA MIXTURE REQUIREMENTS

LOCATION	MAINLINE CH 18, TOP 1.5" SHOULDER	MAINLINE CH 18	BOTTOM 4.5" SHOULDER	SIDE ROADS & ENTRANCES	TEMPORARY PATCHES	HMA WIDENING 8"
MIXTURE USE	SURFACE	BINDER	BINDER	INCIDENTAL	INCIDENTAL	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes = 50	4.0% @ Ndes = 50	4.0% @ Ndes = 50	4.0% @ Ndes = 50	4.0% @ Ndes = 50	4.0% @ Ndes = 50
MIX COMPOSITION (GRADATION)	IL 9.5	IL 9.5-FG	IL-19.0	IL 9.5	IL 19.0	IL 19.0
FRICTION AGGREGATE	MIX C	N.A.	N.A.	MIX C	N.A.	N.A.
MIXTURE WEIGHT	112	112	112	112	112	112
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MTD	YES	NO	NO	NO	NO	NO

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB – CH 18
GENERAL NOTES & HIGHWAY STANDARDS

SCALE: _____ SHEET __ OF __ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	2
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

SUMMARY OF QUANTITIES

Item Number	Item	Unit of Measure	Quantity	HSIP QUANTITY 90% 10%	STR QUANTITY 80%/20%
20200100	EARTH EXCAVATION	CU YD	11,982	11,982	
20200500	EARTH EXCAVATION (WIDENING)	CU YD	92	92	
20400800	FURNISHED EXCAVATION	CU YD	12,992	12,992	
20800150	TRENCH BACKFILL	CU YD	272		272
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	9,917	9,917	
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	3,450		3,450
21400100	GRADING AND SHAPING DITCHES	FOOT	1,200	1,200	
* 25000110	SEEDING, CLASS 1A	ACRE	5	5.00	
* 25000210	SEEDING, CLASS 2A	ACRE	22	22.00	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2,304	2,304	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2,304	2,304	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2,304	2,304	
* 25100115	MULCH, METHOD 2	ACRE	27	27.00	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,561	2,561	
28000305	TEMPORARY DITCH CHECKS	FOOT	2,460	2,460	
28000400	PERIMETER EROSION BARRIER	FOOT	2,000	2,000	
28000500	INLET AND PIPE PROTECTION	EACH	95	95	
28000510	INLET FILTERS	EACH	2		2
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	643	322	321
28200200	FILTER FABRIC	SQ YD	643	322	321
30201700	PORTLAND CEMENT	TON	129		129
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	5,731	5,731	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	131	66	65
35600708	HMA BASE COURSE WIDENING, 8"	SQ YD	192		192
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	2,328		2,328
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	255	128	127
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	151,634		151,634
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	22,271		22,271
40600370	LONGITUDINAL JOINT SEALANT	FOOT	26,774		26,774
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,210		2,210
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	5,661		5,661
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	6,053		6,053
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	51,771	51,771	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	6,055		6,055
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	431		431
44000100	PAVEMENT REMOVAL	SQ YD	384		384
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"	SQ YD	4,662		4,662
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	83		83

* SPECIALTY ITEMS

MODEL: Default
FILE NAME: 2020-00453-00-SP-CH 18 FAS 528-HSIP RT 45 TO RT 130CADDDSummary of Quantities - rfm copy.dgn

USER NAME = jn43859	DESIGNED - JEM	REVISED -
	CHECKED - JJB	REVISED -
PLOT SCALE = 2.000" / ft.	DRAWN - JEM	REVISED -
PLOT DATE = 8/3/2023	CHECKED - JJB	REVISED -

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18 SUMMARY OF QUANTITIES - 1			
SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____	TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	3
CONTRACT NO. 91635				
C-95-007-24 ILLINOIS FED. AID PROJECT A3HK(750)				

SUMMARY OF QUANTITIES

Item Number	Item	Unit of Measure	Quantity	HSIP QUANTITY 90%/10%	STR QUANTITY 80%/20%
48100500	AGGREGATE SHOULDERS, TYPE A, 6"	SQ YD	11,462	11,462	
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	22,651	22,651	
50105220	PIPE CULVERT REMOVAL	FOOT	2,062		2,062
50800105	REINFORCEMENT BARS	POUND	8,870	8,870	
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2	
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2	2	
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	2	2	
54003000	CONCRETE BOX CULVERTS	CU YD	53	53	
54010302	PRECAST CONCRETE BOX CULVERTS, 3'X2'	FOOT	36	36	
54010902	PRECAST CONCRETE BOX CULVERTS, 9'X2'	FOOT	36	36	
54010903	PRECAST CONCRETE BOX CULVERTS, 9'X3'	FOOT	36	36	
54213450	END SECTIONS, 15"	EACH	60	60	
54213453	END SECTIONS, 18"	EACH	22	22	
54213459	END SECTIONS, 24"	EACH	2	2	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTION, 15"	EACH	2	2	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTION, 24"	EACH	2	2	
54214311	END SECTIONS, EQUIVALENT ROUND-SIZE, 36"	EACH	2	2	
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE, 24"	EACH	6	6	
54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE, 36"	EACH	2	2	
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	392	196	196
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	11	6	5
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	3	2	1
60500060	REMOVING INLETS	EACH	14	7	7
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	2	2	
60602500	CONCRETE GUTTER, TYPE A	FOOT	719	360	359
61100605	MISCELLANEOUS CONCRETE	CU YD	10	5	5
61139900	STORM SEWERS (SPECIAL), 6"	FOOT	350	175	175
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	260	130	130
61140100	STORM SEWERS (SPECIAL), 10"	FOOT	120	60	60
61140200	STORM SEWERS (SPECIAL), 12"	FOOT	120	60	60
61140400	STORM SEWERS (SPECIAL), 15"	FOOT	1,110	555	555
61140800	STORM SEWERS (SPECIAL), 21"	FOOT	20	10	10
61140900	STORM SEWERS (SPECIAL), 24"	FOOT	40	20	20
63301210	REMOVE AND REERECT SPBGR, TYPE A	FOOT	488	488	
63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	7	7	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	52,256	52,256	
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	75		75

* SPECIALTY ITEMS

MODEL: Q:\18-20-00453-00-SP-CH 18 FAS 528 HRP RT 45 TO RT 130\CAD\DD\SUMMARY OF QUANTITIES - ITR.dwg
FILE NAME: 20-00453-00-SP-CH 18 FAS 528 HRP RT 45 TO RT 130\CAD\DD\SUMMARY OF QUANTITIES - ITR.dwg

USER NAME = rtm43856	DESIGNED - JEM	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PHILO SLAB - CH 18 SUMMARY OF QUANTITIES - 2	SCALE: _____ SHEET _ OF _ SHEETS STA. _____ TO STA. _____	F.A.S. RTE. 528	SECTION 20-00453-00-SP	COUNTY CHAMPAIGN	TOTAL SHEETS 180	SHEET NO. 4
PLOT SCALE = 2,000' = 1 in.	CHECKED - JJB	REVISED -				CONTRACT NO. 91635				
PLOT DATE = 8/2/2023	DRAWN - JEM	REVISED -								
CHECKED - JJB	REVISED -									
						C-95-007-24 ILLINOIS FED. AID PROJECT A3HK(750)				

SUMMARY OF QUANTITIES

Item Number	Item	Unit of Measure	Quantity	HSIP QUANTITY 90%/10%	STR QUANTITY 80%/20%
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	225	225	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,010		2,010
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	223		223
* 72500300	OBJECT MARKER - TYPE 3	EACH	18	18	
* 72900200	METAL POST - TYPE B	FOOT	810	810	
* 78001100	PAINT PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	154		154
* 78001110	PAINT PAVEMENT MARKING LINE, 4"	FOOT	16,337		16,337
* 78001130	PAINT PAVEMENT MARKING LINE, 6"	FOOT	107,269		107,269
* 78001150	PAINT PAVEMENT MARKING LINE, 12"	FOOT	317		317
* 78001180	PAINT PAVEMENT MARKING LINE, 24"	FOOT	195		195
542A0220	PIPE CULVERTS, CLASS A, TYPE 1, 15"	FOOT	56	56	
542A0229	PIPE CULVERTS, CLASS A, TYPE 1, 24"	FOOT	32	32	
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE, 24"	FOOT	134	134	
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE, 36"	FOOT	32	32	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1, 15"	FOOT	1,178	1,178	
542D0223	PIPE CULVERTS, CLASS D, TYPE 1, 18"	FOOT	460	460	
542D0229	PIPE CULVERTS, CLASS D, TYPE 1, 24"	FOOT	49	49	
542D5491	PIPE CULVERTS, CLASS D, TYPE 1, EQUIVALENT ROUND-SIZE, 36"	FOOT	38	38	
LR400010	CIR-FDR-FOAMED ASPHALT	TON	322		322
LR400740	COLD IN-PLACE RECYCLING, 4"	SQ YD	67,051		67,051
LR403300	SURFACE PROFILE MILLING	SQ YD	67,051		67,051
X0326898	CENTER LINE - RUMBLE STRIP, 16"	FOOT	26,382	26,382	
X0327301	RELOCATE EXISTING MAILBOX	EACH	18	18	
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	178	178	
X4201400	BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD	30		30
X4420210	TEMPORARY PATCHING	SQ YD	466	466	
X6660410	REMOVE RIGHT OF WAY MARKERS	EACH	3		3
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5
Z0030900	INSPECTION WELLS	EACH	31	31	
Z0034105	MATERIAL TRANSFER DEVICE	TON	6,053		6,053
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1
Z0051500	REMOVING AND RESETTNG STREET SIGNS	EACH	45	45	
Z0064505	SECTION CORNER MARKERS	EACH	11		11
Z0065796	RIPRAP SLURRY	SQ YD	643		643
# Z0076600	TRAINEES	Hour	1,500		
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1,500		

* SPECIALTY ITEMS

0042

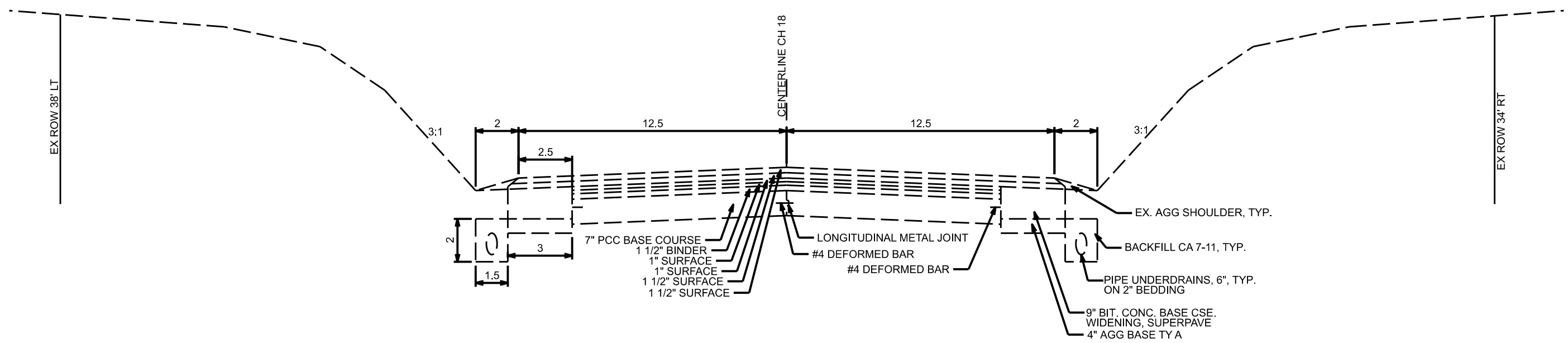
MODEL: D:\a\ai
FILE NAME: 303000151-00-SP-CH 18 FAS 528 HSIP RT 45 TO RT 130CADDSummary of Quantities - rfm copy.dgn

USER NAME = rfm43858	DESIGNED - JEM	REVISED -
	CHECKED - JJB	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN - JEM	REVISED -
PLOT DATE = 5/3/2023	CHECKED - JJB	REVISED -

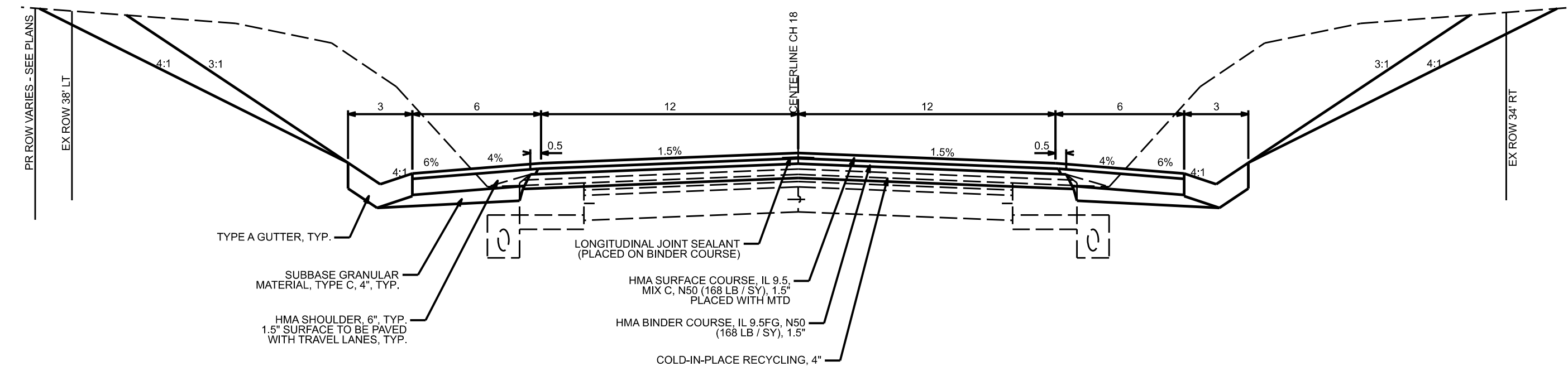
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18 SUMMARY OF QUANTITIES - 3			
SCALE: _____	SHEET _____	OF _____ SHEETS	STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	5
CONTRACT NO. 91635				
C-95-907-24 ILLINOIS FED. AID PROJECT A31K(750)				



EXISTING TYPICAL SECTION
STA. 231+50 TO 235+20



PROPOSED TYPICAL SECTION
STA. 231+50 TO 235+20

NOT TO SCALE

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

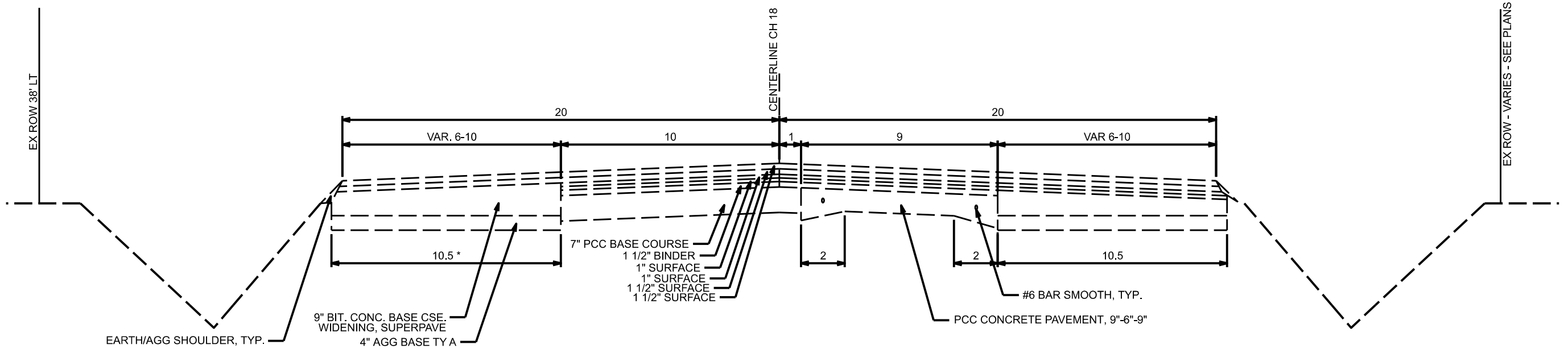
USER NAME	= \$USERS\$	DESIGNED -	JEM	REVISED -	_____
CHECKED -	JJB	CHECKED -	JJB	REVISED -	_____
PLOT SCALE	= \$SCALE\$	DRAWN -	JEM	REVISED -	_____
PLOT DATE	= \$DATES\$	CHECKED -	JJB	REVISED -	_____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

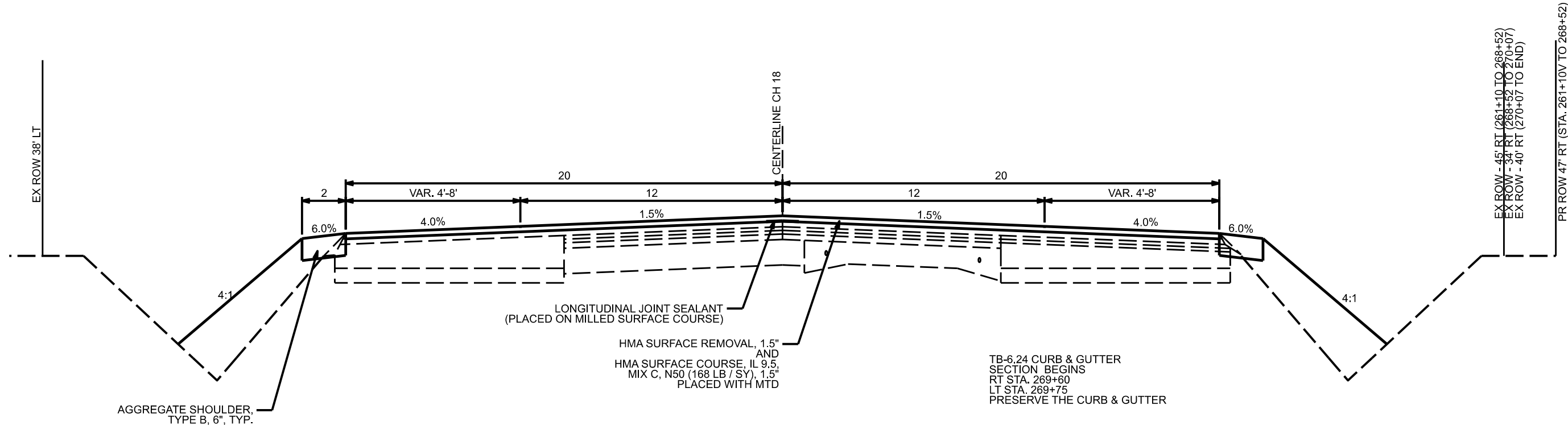
PHILO SLAB - CH 18
TYPICAL SECTIONS 2 OF 4

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	7
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



EXISTING TYPICAL SECTION
STA. 258+25 LT TO 271+30 LT
STA. 261+10 RT TO 271+30 RT



PROPOSED TYPICAL SECTION
STA. 258+00 TO 271+30
NOT TO SCALE

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

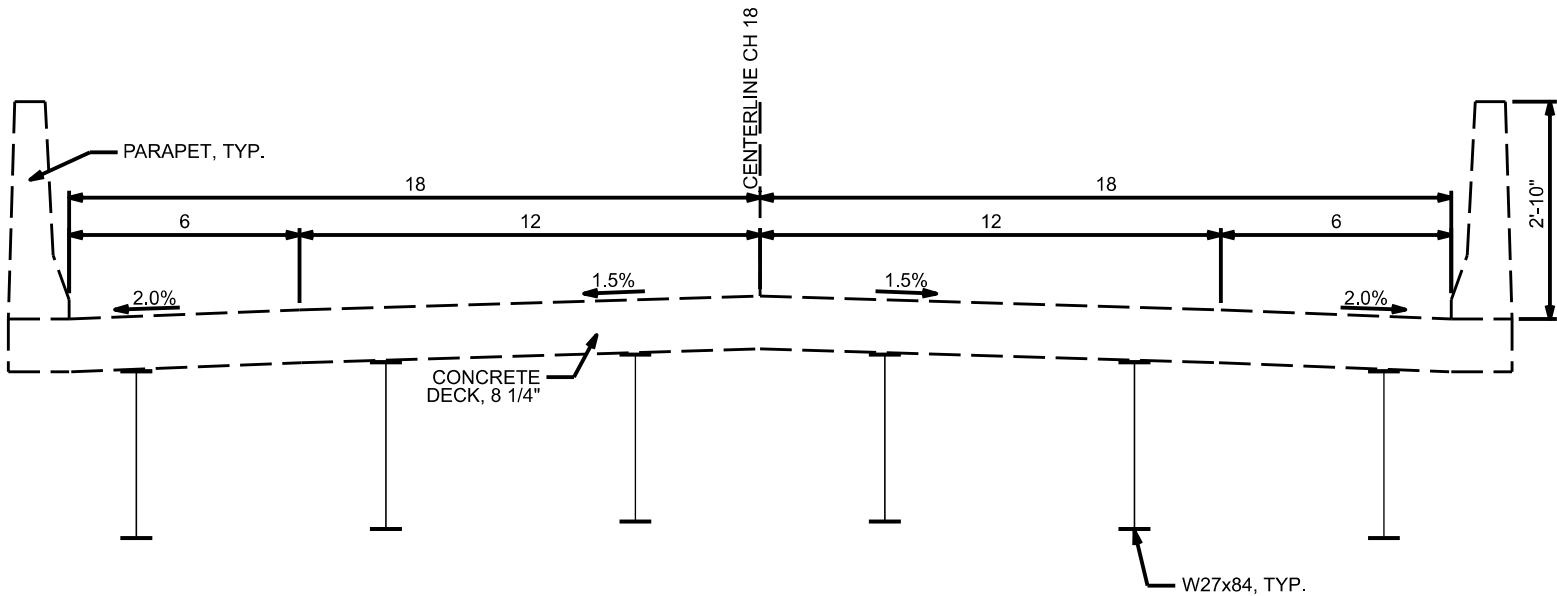
USER NAME	= \$USERS\$	DESIGNED -	JEM	REVISED -	_____
CHECKED	- JJJB	CHECKED -	JJB	REVISED -	_____
PLOT SCALE	= \$SCALE\$	DRAWN -	JEM	REVISED -	_____
PLOT DATE	= \$DATES\$	CHECKED -	JJB	REVISED -	_____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

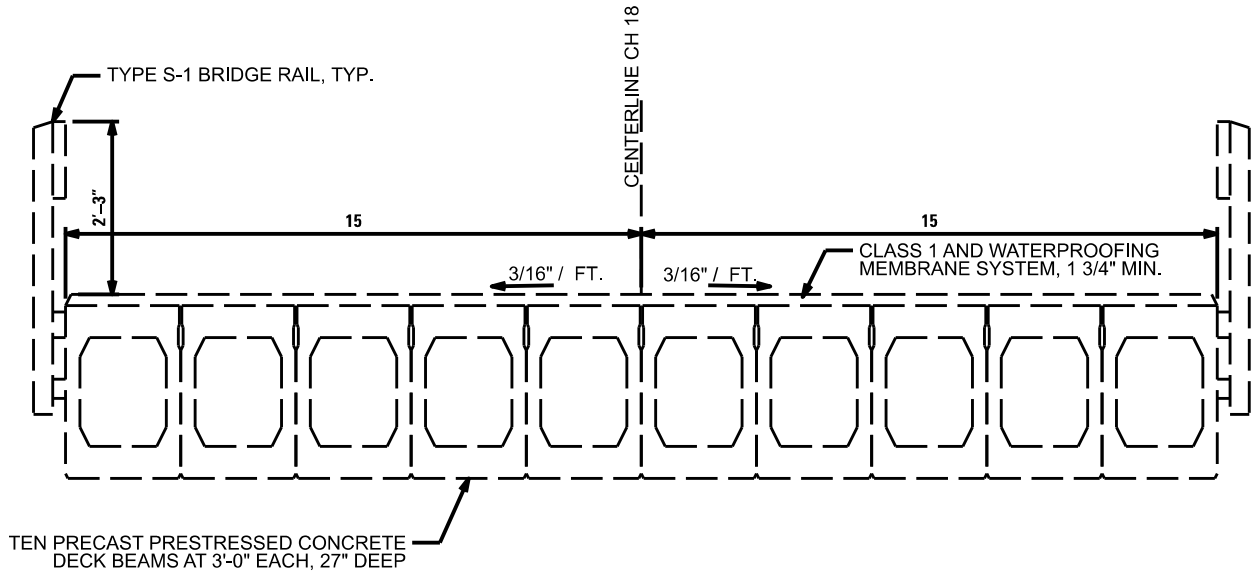
PHILO SLAB - CH 18
TYPICAL SECTIONS 3 OF 4

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	8
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

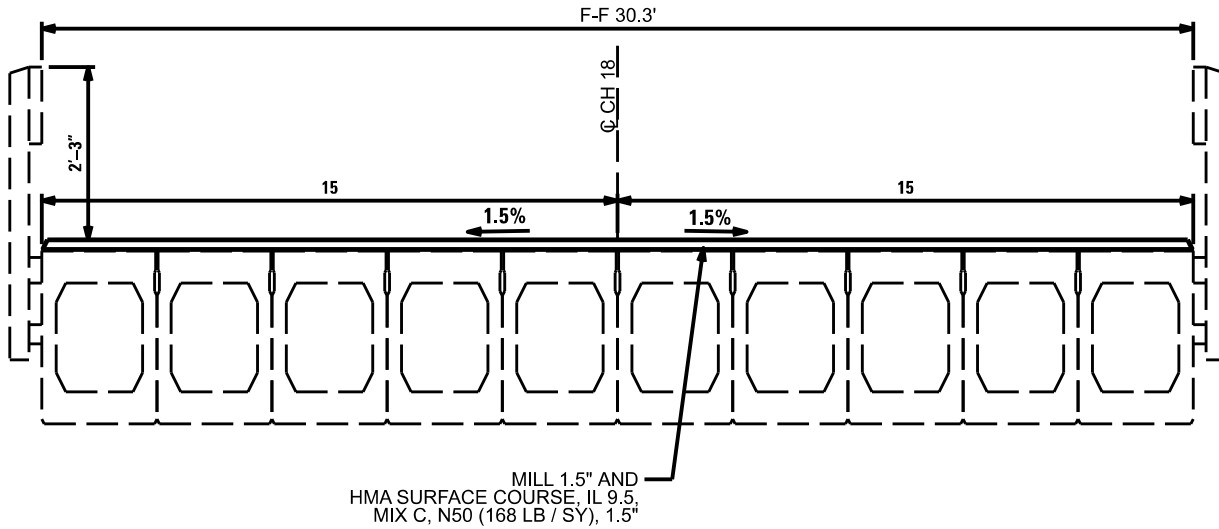


EXISTING TYPICAL SECTION AT STRUCTURE 010-4578
STA. 121+23.3 TO 122+54.0
BRIDGE APPROACH PAVEMENT (NOT SHOWN) STA. 120+92.6 TO 121+23.3
BRIGE APPROACH PAVEMENT (NOT SHOWN) STA. 122+54.0 TO 122+81.97



EXISTING TYPICAL SECTION AT STRUCTURE 010-0245
STA. 211+41 TO 212+04

NO PROPOSED WORK ON BRIDGE APPROACH PAVEMENT AND BRIDGE 010-4578



PROPOSED TYPICAL SECTION AT STRUCTURE 010-0245
STA. 211+41 TO 212+04

NOTE: BRIDGE APPROACH PAVEMENT
STA. 211+14 TO 211+41 AND
STA. 212+04 TO 212+31
WILL BE PATCHED

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

	USER NAME = \$USERS\$	DESIGNED - JEM	REVISED - _____	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PHILO SLAB - CH 18 TYPICAL SECTIONS 4 OF 4	SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - JJB	REVISED - _____				528	20-00453-00-SP	CHAMPAIGN	180	9
	PLOT SCALE = \$SCALE\$	DRAWN - JEM	REVISED - _____				CONTRACT NO. 91635				
	PLOT DATE = \$DATES\$	CHECKED - JJB	REVISED - _____				C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

LOCATION		LENGTH FT	WIDTH FT		*LR400010 CIR-FDR-FOAMED ASPHALT [2.5% ASPHALT]	30201700 PORTLAND CEMENT [1.0% CEMENT]	*LR400740 COLD IN-PLACE RECYCLING, 4"	*LR403300 SURFACE PROFILE MILLING	44000155 HMA SURFACE REMOVAL, 1.5"	40600275 BITUMINOUS MATERIALS (PRIME COAT)	40600290 BITUMINOUS MATERIALS (TACK COAT)	40602965 HMA BINDER COURSE, IL 9.5FG, N50	40604050 HMA SURF CRSE, IL 9.5, MIX "C", N50	40800029 BITUMINOUS MATERIALS (TACK COAT)	40800025 BITUMINOUS MATERIALS (PRIME COAT)	48203021 HOT-MIX ASPHALT SHOULDERS, 6"	31101900 SUBBASE GRANULAR MATERIAL, TYPE C	48100500 AGGREGATE SHOULDERS, TYPE A, 6"
					TON	TON	SQ YD	SQ YD	SQ YD	POUND	POUND	TON	TON	POUND	POUND	SQ YD	TON	SQ YD
2+21.6	3+50	128	24							770	77	28.8	28.8	26	257	114.1	28.5	57.1
3+50.0	57+55	5,405	24		69.2	27.7	14,413.3	14,413.3		32,430	3,243	1,210.7	1,210.7	1,081	10,810	4804.4	1201.1	2402.2
57+55	120+93	6,338	24		81.1	32.5	16,901.3	16,901.3		38,028	3,803	1,419.7	1,419.7	1,268	12,676	5633.8	1408.4	2816.9
120+93	122+82	189			0.0	0.0	0.0	0.0		0	0	0.0	0.0	0	0	0.0	42.0	84.0
122+82	138+86	1,604	24		20.5	8.2	4,277.3	4,277.3		9,624	962	359.3	359.3	321	3,208	1425.8	356.4	712.9
138+86	165+50	2,664	24		34.1	13.6	7,104.0	7,104.0		15,984	1,598	596.7	596.7	533	5,328	2368.0	592.0	1184.0
165+50	211+14	4,564	24		58.4	23.4	12,170.7	12,170.7		27,384	2,738	1,022.3	1,022.3	913	9,128	4056.9	1014.2	2028.4
211+14	212+31	117			0.0	0.0	0.0	0.0	312.0	0	70		26.2	0	0	0.0	26.0	52.0
212+31	218+50	619	24		7.9	3.2	1,650.7	1,650.7		3,714	371	138.7	138.7	124	1,238	550.2	137.6	275.1
218+50	258+00	3,950	24		50.6	20.2	10,533.3	10,533.3		23,700	2,370	884.8	884.8	790	7,900	3511.1	877.8	1755.6
258+00	271+54	1,354	24						3,610.7		812		303.3	42	420	186.7	46.7	93.3
269+06	271+54	248	8	LT					220.4		50		18.5					
269+14	271+54	240	8	RT					213.3		48		17.9					
271+00	271+54	54	20-40	LT					66.2		15		5.6					
271+00	271+54	54	20-75	RT					239.0		54		20.1					
SPRAY RUMBLE STRIPS AFTER CUTTING (CENTERLINE 0.025 POUND/SF IN TWO PASSES ONCE IN EACH DIRECTION)											2019.9							
SPRAY SHOULDER RUMBLE STRIPS AFTER CUTTING (SHOULDER 0.05 POUNDS/SF IN ONE PASS)											4039.9							
TOTALS:					321.8	128.7	67,050.6	67,050.6	4,661.6	151,634.0	22,270.8	5,661.0	6,052.6	5,098.0	50,965.0	22,651.0	5,730.8	11,461.5
USE:					322	129	67,051	67,051	4,662	151,634	22,271	5,661	6,053	5,098	50,965	22,651	5,731	11,462

NOTE: PRIME COAT APPLICATION RATE IS 0.25 POUNDS/SF FOR LEVEL BINDER PLACEMENT AND TACK COAT RATE IS 0.025 POUNDS/SF FOR SURFACE COURSE.

NOTE: 40800029-TACK COAT APPLICATION RATE FOR SHOULDER IS 0.025 POUNDS / SF ON HMA LIFTS, AND 0.25 ON AGGREGATE.

NOTE: AREA INSIDE BOX IS DOUBLED (DUE TO LT AND RT SHOULDERS). HMA SHOULDER IS 4' WIDE. AGGREGATE SHOULDER IS 2' WIDE

NOTE: ALL HOT-MIX ASPHALT APPLICATION RATES UTILIZE 112 LB / SY / INCH. MAINLINE LEVELLING BINDER AND SURFACE 1.5" AND SHOULDER BINDER 4", SURFACE 2"

NOTE: MTD TO BE USED FOR PLACEMENT OF SURFACE COURSE.

NOTE: FOR FOAMED ASPHALT AND PORTLAND CEMENT USE 128 POUNDS / CUBIC FOOT FOR WEIGHT CONVERSION THEN MULTIPLIED BY THE % LISTED.

LOCATION	70107025
	CHANGEABLE MESSAGE SIGN
	CAL DAY
EB NEAR RT 45	
BEFORE START	7
3 DAY BEFORE LANE CHANGES	9
EB NEAR IL 130	
BEFORE START	7
3 DAY BEFORE STAGE CHANGES	18
2 DAY BEFORE CULVERT CLOSURE	64
WEATHER DELAYS	60
WEEKEND DAYS	60
TOTAL:	225
NOTE: 16 CROSS ROAD CULVERTS	

LOCATION		40600370
		LONGITUDINAL JOINT SEALANT
		FOOT
1+36.9	120+92.6	11,955.7
122+82.0	211+14.1	8,832.1
211+41.0	212+04.3	63.3
212+30.9	271+53.5	5,922.6
TOTAL:		26,773.7
USE:		26,774

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

	USER NAME = \$USERS	DESIGNED - JEM	REVISED - _____	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PHILO SLAB – CH 18 SCHEDULE OF QUANTITIES – 1					F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - JJB	REVISED - _____							528	20-00453-00-SP	CHAMPAIGN	180	10
	PLOT SCALE = \$SCALE\$	DRAWN - JEM	REVISED - _____		CONTRACT NO. 91635									
	PLOT DATE = \$DATES	CHECKED - JJB	REVISED - _____		SCALE: _____	SHEET __ OF __ SHEETS	STA. _____ TO STA. _____	C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)				

STATION	TYPE	40600982	40201000	40800050	40800029	40800025	40200800
		HMA SURFACE REMOVAL, BUTT JOINT	AGGREGATE FOR TEMPORARY ACCESS	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIALS, TACK COAT	BITUMINOUS MATERIALS, PRIME COAT	AGGREGATE SURFACE COURSE TYPE B
		SY	TON	TON	POUND	POUND	TON
E RR ROW	BUTT JT	166.7	--	--		--	--
LT 4+95	CE	22.4	5.0	3.8	10.1	--	--
RT 8+86	FE	--	5.0	1.9		25.0	105.8
RT 9+76	FE	--	5.0	1.3		16.9	48.5
RT 11+38	PE	--		10.4	27.9	--	7.6
RT 18+29	FE	--	5.0	0.8		10.3	26.3
RT 31+16	FE	--	5.0	1.3		17.1	58.3
LT 31+38	FE	--	--	9.3	24.9	--	34.3
LT 44+34	CE	--	10.0	20.7	55.5	--	--
RT 44+42	FE	--	--	1.3		17.1	47.1
1200E LT	SR	113.5	--	19.1	51.1	--	--
1200E RT	SR	137.3	--	23.1	61.8	--	--
RT 72+24	FE	--	5.0	1.4		19.2	48.0
LT 72+33	FE	--	5.0	1.3		17.4	49.5
LT 75+28	PE	--	--	8.8	23.5	--	7.3
RT 85+44	FE	--	--	1.3		16.9	54.2
LT 91+50	FE	--	--	--		--	--
RT 91+50	FE	--	5.0	1.2		16.3	51.3
LT 93+83	FE	--	--	5.3	14.1	--	27.9
RT 95+26	PE	--	5.0	6.6	17.6	--	17.0
RT 96+97	PE	--	5.0	5.6	15.1	--	22.3
RT 99+60	PE	--	--	5.0	13.4	--	18.5
LT 112+20	CE	--	5.0	10.9	29.3	--	19.8
RT 112+26	FE	--	5.0	1.4		18.8	39.9
LT 119+88	FE		5.0	2.3		30.5	129.9
RT 119+89	FE		5.0	2.3		31.2	86.0
010-4578 120+93	BUTT JT	166.7					
010-4578 122+82	BUTT JT	166.7					
RT 138+50	FE		5.0	1.1		15.2	57.9
1350E LT	SR	136.3	--	22.9	61.3	--	--
LT 155+36	FE	--	--	1.5		20.4	67.1
RT 157+32	PE	--	5.0	16.5	22.1		39.8
LT 165+22	FE	--	5.0	2.1		27.6	115.4
1400E RT	SF	94.8	--	15.9	42.7	--	--
RT 176+44	FE	--	5.0	4.9		66.2	70.5
LT 178+65	FE	--	5.0	1.9		25.2	99.8
RT 184+78	FE	--	5.0	1.6		20.9	65.3
RT 187+05	PE	--	5.0	7.4	19.7		32.6
LT 191+76	FE	--	5.0	2.0		26.3	94.6
RT 192+17	FE	--	5.0	1.3		17.9	51.4
LT 198+53	FE	--	5.0	1.9		25.2	91.3
RT 199+06	FE	--	5.0	1.1		15.3	47.9
RT 207+19	PE	--	5.0	7.3	19.6		29.5
LT 210+78	FE	--	5.0	2.0		27.0	74.4

CONTINUED IN NEXT COLUMNS

STATION	TYPE	40600982	40201000	40800050	40800029	40800025	40200800
		HMA SURFACE REMOVAL, BUTT JOINT	AGGREGATE FOR TEMPORARY ACCESS	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIALS, TACK COAT	BITUMINOUS MATERIALS, PRIME COAT	AGGREGATE SURFACE COURSE TYPE B
		SY	TON	TON	POUND	POUND	TON
010-0245 211+14	BUTT JT	166.7		--		--	--
010-0245 212+31	BUTT JT	166.7		--		--	--
1500E LT	SR	95.9	--	--		--	--
1500E RT	SR	89.7	--	--		--	--
RT 223+54	FE	--	5.0	1.1		15.2	59.4
LT 226+86	PE	--	5.0	9.1	24.4		65.0
RT 232+21	PE	--	5.0	10.3	27.6		--
LT 238+24	FE	--	5.0	1.1		14.2	57.6
LT 245+46	FE	--	5.0	1.2		15.7	61.7
LT 252+34	CE	--	5.0	1.7		22.2	62.0
RT 257+40	FE	--	5.0	1.1		14.3	16.4
RT 258+07	PE	--	5.0	1.0		13.4	25.5
LT 258+24	PE	--	5.0	17.3	46.3		--
LT 259+31	PE	--	5.0	4.3	11.5		--
LT 260+33	PE	--	5.0	10.0	13.4		4.1
RT 260+85	PE	--	5.0	16.7	44.8		34.3
LT 261+33	PE	--	5.0	7.9	21.1		7.6
LT 261+86	PE	--	5.0	6.5	17.5		7.6
LT 262+83	PE	33.4	5.0	5.6	15.0		--
LT 264+72	PE	--	5.0	9.1	24.4		6.8
LT 266+33	PE	--	5.0	1.1		14.9	22.1
LT 267+26	PE	88.0	5.0	14.8	39.6		--
LT 267+74	PE	--	5.0	8.9	23.8		6.8
LT 269+35	PE	--	5.0	--		--	6.8
RT 269+39	CE	--	--	--		--	46.4
LT 270+18	CE	--	5.0	--		--	--
RT 270+39	CE	--	--	12.8		171.5	--
LT 270+73	CE	--	5.0	--		--	--
IL 130	BUTT JT	564.2		--		--	--
IL 130	NW RAD			11.2	29.9		
IL 130	SW RAD			40.2	107.6		
TOTALS:		2,209.1	255.0	430.5	956.6	805.3	2,327.2
USE:		2,210	255	431	957	806	2,328

FOR INCIDENTAL CALCS: APPLICATION RATE IS 112 POUNDS/SY/INCH FIGURED AT 3".
FOR BITUMINOUS MATERIALS ON MILLED SURFACE APPLICATION RATE IS 0.05 POUNDS/SQUARE FOOT & ON AGGREGATE SURFACE IT IS 0.25 LB
FOR AGGREGATE SURFACE COURSE, TYPE B, APPLICATION RATE OF 2.05 T/CY UTILIZING AREA AND 6" ASSUMED DEPTH
BUTT JOINTS USED 60' X WIDTH

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

	USER NAME = \$USERS	DESIGNED - JEM	REVISED - _____	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PHILO SLAB - CH 18 SCHEDULE OF QUANTITIES - 2			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	CHECKED - JJB	REVISED - _____					528	20-00453-00-SP	CHAMPAIGN	180	11
	PLOT DATE = \$DATES	DRAWN - JEM	REVISED - _____		SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 91635				
		CHECKED - JJB	REVISED - _____					C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

LOCATION			21301052
			EXPLORATION TRENCH, 52" DEPTH
			FOOT
RT	7+50	8+50	100.0
LT	7+50	8+50	100.0
RT	21+50	23+00	150.0
LT	21+50	23+00	150.0
RT	68+50	69+50	100.0
LT	68+50	69+50	100.0
LT	85+00	86+00	100.0
RT	85+50	86+50	100.0
RT	88+50	89+50	100.0
LT	88+50	89+50	100.0
LT	104+50	106+00	150.0
RT	105+00	106+00	100.0
RT	153+50	154+50	100.0
LT	153+75	154+75	100.0
RT	156+00	158+00	200.0
LT	156+50	157+50	100.0
RT	165+75	166+75	100.0
LT	166+00	167+00	100.0
LT	174+50	175+50	100.0
RT	174+50	175+50	100.0
RT	178+50	179+50	100.0
RT	190+50	192+50	200.0
LT	192+00	193+00	100.0
RT	204+00	205+00	100.0
RT	238+00	242+00	400.0
LT	240+50	241+50	100.0
RT	251+75	252+75	100.0
LT	252+50	253+50	100.0
TOTALS:			3,450.0

LOCATION	21400100
	GRADING AND SHAPING DITCHES
	FOOT
1200E: NORTHWEST DITCH	100
1200E: NORTHEAST DITCH	100
1200E: SOUTHWEST DITCH	100
1200E: SOUTHEAST DITCH	100
1350E: NORTHWEST DITCH	100
1350E: NORTHEAST DITCH	100
1400E: SOUTHWEST DITCH	100
1400E: SOUTHEAST DITCH	100
1500E: NORTHWEST DITCH	100
1500E: NORTHEAST DITCH	100
1500E: SOUTHWEST DITCH	100
1500E: SOUTHEAST DITCH	100
TOTAL:	1200

LOCATION	AREA	20200500	35600708
		EARTH EXCAVATION (WIDENING)	HMA BASE COURSE WIDENING, 8"
	SQ FT	CU YD	SQ YD
1200E: NORTHWEST	111.7	12.4	12.4
1200E: NORTHEAST	49.1	5.5	5.5
1200E: SOUTHWEST	80.2	8.9	8.9
1200E: SOUTHEAST	140.5	15.6	15.6
1350E: NORTHWEST	58.4	6.5	6.5
1350E: NORTHEAST	64.1	7.1	7.1
1400E: SOUTHWEST	27.3	3.0	3.0
1400E: SOUTHEAST	76	8.5	8.5
1500E: NORTHWEST	41	4.5	4.5
1500E: NORTHEAST	62	6.8	6.8
1500E: SOUTHWEST	50	5.6	5.6
1500E: SOUTHEAST	64	7.1	7.1
CONTINGENCY			100.0
TOTALS:		91.5	191.5
USE:		92	192

NOTE: EARTH EXC. (WIDENING) CALCULATED: AREA x 3' DEEP

EARTHWORK SCHEDULE

		21101505		20200100	20200500	
LOCATION	STATION TO STATION	TOPSOIL EXCAVATION (CU YD)	TOPSOIL PLACEMENT (CU YD)	EARTH EXCAVATION (CU YD)	EARTH EXC. (WIDENING) (CU YD)	EMBANKMENT ** (CU YD)
RT 45 TO 1200E	2+00 TO 57+50	2,172	2,113	2,754		4,933
1200E TO 1350E	57+50 TO 138+75	3,137	3,107	4,428		6,460
1350E TO 1400E	138+75 TO 165+50	1,024	1,001	1,527		1,764
1400E TO 1500E	165+50 TO 218+50	1,796	1,729	1,747		3,136
1500E TO IL 130	218+50 TO 271+50	1,788	1,620	1,525		3,554
TOTAL		9,917	*	9,570	0	19,846

Total Excavation = 9,917 + 11,982 + 0 = 21,898 Cu Yd
Total Fill = 9,570 + 19,846 = 29,416 Cu Yd

20400800

FURNISHED EXC. = FILL-(EXCAVATIONx(1-SHRINKAGE FACTOR)) = 29,416 - (21,898 * (1-0.25)) = 12,992 Cu Yd

* PLAN QUANTITY FOR TOPSOIL EXCAVATION AND PLACEMENT

** NOT A PAY ITEM

NOTE: THE TOP 3" OF ALL FINISHED EARTH GRADES SHALL CONSIST OF TOPSOIL TAKEN FROM TOPSOIL EXCAVATION WITHIN THE LIMITS OF THIS PROJECT.

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

	USER NAME = \$USERS	DESIGNED - JEM	REVISED - _____	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PHILO SLAB – CH 18 SCHEDULE OF QUANTITIES – 3			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - JJB	REVISED - _____					528	20-00453-00-SP	CHAMPAIGN	180	12
	PLOT SCALE = \$SCALE\$	DRAWN - JEM	REVISED - _____					CONTRACT NO. 91635				
	PLOT DATE = \$DATES	CHECKED - JJB	REVISED - _____		SCALE: _____	SHEET __	OF __ SHEETS	STA. _____	TO STA. _____	C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)

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

STATION		PIPE CULVERTS, CLASS D, TYPE 1					END SECTIONS				PIPE CULVERT REMOVAL		BACKFILL
			542D0220	542D0223	542D0229	542D5491	54213450	54213453	54213459	54214311	50105220		20800150
			15"	18"	24"	36" ERS	15"	18"	24"	36" ERS		LENGTH	TRENCH BACKFILL
		TYPE	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	DESCRIPTION	FEET	CU YD
8+86	RT	FE	48	--	--	--	2	--	--	--	15" CMP	48.5	10.8
9+77	RT	PE	30	--	--	--	2	--	--	--	15" CMP	30.5	4.0
18+31	RT	FE	30	--	--	--	2	--	--	--	15" CMP	30.0	10.6
31+16	RT	FE	30	--	--	--	2	--	--	--	15" CMP	29.5	5.0
31+34	LT	FE	--	--	49	--	--	--	2	--	24" CMP	49.0	8.6
44+36	LT	PE	66	--	--	--	2	--	--	--	15" CMP	65.3	8.7
44+43	RT	FE	30	--	--	--	2	--	--	--	15" CMP	29.2	3.6
54+51	RT	PE	30	--	--	--	2	--	--	--	15" CMP	29.8	3.6
72+22	RT	FE	44	--	--	--	2	--	--	--	15" CMP	46.7	5.3
72+36	LT	PE	34	--	--	--	2	--	--	--	15" CMP	34.1	4.1
73+66	LT	PE	32	--	--	--	2	--	--	--	15" CMP	31.9	3.9
75+28	LT	PE	28	--	--	--	2	--	--	--	15" CMP	27.4	4.7
85+44	RT	FE	40	--	--	--	2	--	--	--	--	0.0	4.8
91+50	RT	FE	40	--	--	--	2	--	--	--	15" CMP	26.7	4.8
93+82	LT	PE	--	32	--	--	--	2	--	--	18" CMP	32.6	3.8
95+26	RT	PE	--	22	--	--	--	2	--	--	18" RCCP	21.8	5.1
96+99	RT	PE	--	35	--	--	--	2	--	--	15"-18" RCCP	35.2	3.7
99+62	RT	PE	30	--	--	--	2	--	--	--	15" CMP	29.8	3.6
112+21	LT	PE	--	40	--	--	--	2	--	--	18" CMP	39.0	4.7
112+26	RT	FE	40	--	--	--	2	--	--	--	15" CMP	29.4	4.8
119+89	LT	FE	--	58	--	--	--	2	--	--	18" CMP	57.3	11.2
119+90	RT	FE	--	58	--	--	--	2	--	--	18" CMP	57.3	9.7
138+64	RT	FE	63	--	--	--	2	--	--	--	15" CMP	29.1	7.6
155+36	LT	FE	--	--	--	38	--	--	--	2	42"WX28" T ARCH CMP	37.8	10.6
157+32	RT	PE	40	--	--	--	2	--	--	--	15" CMP	40.0	4.8
165+21	LT	FE	--	49	--	--	--	2	--	--	18" CMP	49.2	11.3
176+44	RT	FE	40	--	--	--	2	--	--	--	15" CMP	29.5	4.8
178+65	LT	FE	56	--	--	--	2	--	--	--	15" CMP	56.0	6.8
184+79	RT	FE	40	--	--	--	2	--	--	--	15" CMP	38.7	4.8
187+08	RT	PE	34	--	--	--	2	--	--	--	15" CMP	33.9	4.1
191+75	LT	FE	51	--	--	--	2	--	--	--	15" CMP	50.9	6.2
192+17	RT	FE	30	--	--	--	2	--	--	--	15" CMP	28.5	3.6
198+53	LT	FE	--	50	--	--	--	2	--	--	18" CMP	46.2	5.3
199+06	RT	FE	30	--	--	--	2	--	--	--	15" CMP	29.5	4.7
207+21	RT	PE	30	--	--	--	2	--	--	--	15" CMP	29.8	3.6
210+80	LT	FE	--	41	--	--	--	2	--	--	18" CMP	41.0	9.5
210+82	RT	FE	--	--	--	--	--	--	--	--	18" CMP	34.0	16.9
223+54	RT	FE	32	--	--	--	2	--	--	--	15" CMP	30.8	3.9
226+86	LT	PE	48	--	--	--	2	--	--	--	15" CMP	47.9	5.8
238+24	LT	FE	30	--	--	--	2	--	--	--	15" CMP	27.1	3.6
245+46	LT	FE	--	30	--	--	--	2	--	--	18" ADS N-12	29.6	6.2
252+34	LT	PE	--	45	--	--	--	2	--	--	18" CMP	44.9	7.0
257+40	RT	FE	30	--	--	--	2	--	--	--	15" CMP	28.8	3.6
258+31	RT	PE	72	--	--	--	2	--	--	--	12" RCCP W/ CIP PCC HW	72.5	8.7
TOTALS:			1178	460	49	38	60	22	2	2		1,637	272

MODEL: \$MODELNAME\$ FILE NAME: \$FILE\$	USER NAME ■ \$USERS		DESIGNED - JEM	REVISED - _____	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PHILO SLAB - CH 18 SCHEDULE OF QUANTITIES - 4				SCALE: _____	SHEET OF SHEETS	STA. _____	TO STA. _____	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED - JJB		DRAWN - JEM	REVISED - _____										528	20-00453-00-SP	CHAMPAIGN	180	13
	PLOT SCALE ■ \$SCALE\$		CHECKED - JJB	REVISED - _____										CONTRACT NO. 91635				
	PLOT DATE ■ \$DATES													C-95-007-24		ILLINOIS	FED. AID PROJECT A3HK(750)	

STATION		TYPE	PIPE CULVERTS, CLASS A, TYPE 1				PRECAST FLARED END SECTIONS				PIPE CULVERT REMOVAL	
			542A0220	542A0229	542A5479	542A5491	54213660	54213669	54214509	54214521	50105220	
			15"	24"	24" ERS	36" ERS	15"	24"	24" ERS	36" ERS		LENGTH
			FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	DESCRIPTION	FEET
4+95	LT	CE	56	--	--	--	2	--	--	--	12" RCCP/CMP	62.5
57+54	LT	CR	--	--	48	--	--	--	2	--	15" CMP	40.0
57+54	RT	CR	--	--	54	--	--	--	2	--	12" RCCP	49.0
165+48	RT	CR	--	--	32	--	--	--	2	--	12" RCCP W/ CIP PCC HWS	31.4
218+47	LT	CR	--	--	--	32	--	--	--	2	36" CMP	39.6
218+49	RT	CR	--	32	--	--	--	2	--	--	24" W/ HWS	34.4
TOTALS:			56	32	134	32	2	2	6	2		257

STATION		TYPE	PRECAST CONCRETE BOX CULVERTS				BOX CULVERT END SECTIONS, CULVERT				PIPE CULVERT REMOVAL	
			54010302	54010902	54010903		54001001	54001002	54001003		50105220	
			3X2	9X2	9X3		NO. 1	NO. 2	NO. 3			LENGTH
			FOOT	FOOT	FOOT		EACH	EACH	EACH		DESCRIPTION	FEET
105+29		ARC			36		2				5'X3' BOX W/ HW	34.8
138+85	LT	CR		36				2			TWO 18" DIA. CMP	99.5
218+70		ARC									3'X2' BOX W/ HW	33.7
219+25		ARC	36						2		--	--
TOTALS:			36	36	36		2	2	2			168

STATION	60500060	
	REMOVING INLETS	
	EACH	
LT 22+42	1	
RT 22+42	1	
LT 57+29	1	
RT 57+29	1	
LT 85+71	1	
RT 85+72	1	
LT 105+08	--	
RT 105+08	--	
LT 138+64	--	
LT 139+13	1	
RT 140+71	1	
RT 156+98	1	
LT 156+99	1	
RT 175+14	1	
LT 175+15	1	
RT 241+27	1	
LT 241+30	1	
RT 263+79	--	
LT 263+80	--	
LT 263+98	--	
LT 264+17	--	
TOTALS:	14	

STATION	60236200		60240301	
	INLETS, TYPE A, TYPE 8 GRATE		INLETS, TYPE B, TYPE 8 GRATE	
	EACH		EACH	
LT 22+42	--		1	
RT 22+42	--		1	
LT 57+16	--		1	
RT 57+17	1		--	
LT 85+71	1		--	
RT 85+72	1		--	
LT 105+08	0			
RT 105+08	0			
LT 138+64	0			
LT 139+28	1			
RT 140+71	1			
RT 156+98	1			
LT 157+07	1			
RT 175+14	1			
LT 175+15	1			
RT 241+27	1			
LT 241+30	1			
RT 263+79	--			
LT 263+80	--			
LT 263+98	--			
LT 264+17	--			
TOTALS:	11		3	

STATION		TYPE	EX SIZE	PROPOSED ACTION	54003000	50800105
					CONCRETE BOX CULVERTS	REINFORCEMENT BARS
					CU YD	POUND
8+00	LT	ARC	2.5X2.5	REM 4', EXTEND 8'	10.7	1,980
8+00	RT	ARC	2.5X2.5	REM 0.5', EXTEND 8'		
22+42	LT	ARC	3.5X3.5	REM 4', EXTEND 8'	17.9	2,930
22+42	RT	ARC	3.5X3.5	REM 0.5', EXTEND 8'		
241+30	LT	ARC	6X3.5	REM 3', EXTEND 8'	23.6	3,960
241+30	RT	ARC	6X3.5	REM 0.5', EXTEND 8'		
TOTALS					52.2	8870
USE					53	8870

NOTE: SEE STRUCTURAL DESIGN SHEETS.

LOCATION		63301990	63301210
		REMOVE & REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	REMOVE & REERECT SPBGR, TYPE A
		EACH	FOOT
LT 120+13 - 120+83		1	20
RT 120+13 - 120+83		1	20
LT 122+91 - 124+68		1	127
RT 122+91 - 123+93		1	52
LT 210+92 - 210+32		-	-
RT 209+58 - 211+50		1	142
LT 211+95 - 213+34		1	89
RT 212+13 - 213+01		1	38
TOTALS =		7	488

50' ASSUMED

NOTE: CONNECTIONS AT BRIDGE RAIL ARE TO REMAIN

LOCATION		X4201400
		BRIDGE APPROACH PAVEMENT (SPECIAL)
		SQ YD
LT 211+14.1 - 211+41.0		6.3
RT 211+14.1 - 211+41.0		8.8
LT 212+04.3 - 212+30.9		8.5
RT 212+04.3 - 212+30.9		6.3
TOTALS =		29.9
USE =		30

LOCATION			60602500	60600095	
			TYPE A GUTTER	CLASS SI CONCRETE (OUTLET)	
			FT	EACH	CU YD
LT 231+50	235+50		400	2	0.93
RT 232+31	235+50		319	1	0.93
CONTINGENCY			--	--	0.14
TOTALS:			719	--	2

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

	USER NAME ■ \$USERS\$		DESIGNED - JEM	REVISED - _____	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PHILO SLAB – CH 18 SCHEDULE OF QUANTITIES – 5				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE ■ \$SCALE\$		CHECKED - JJB	REVISED - _____						528	20-00453-00-SP	CHAMPAIGN	180	14
	PLOT DATE ■ \$DATES\$		CHECKED - JJB	REVISED - _____						CONTRACT NO. 91635				
	SCALE: _____		SHEET __	OF __		SHEETS	STA. _____	TO STA. _____		C-95-007-24			ILLINOIS	FED. AID PROJECT A3HK(750)

LOCATION	EXISTING TYPE	PROPOSED WORK	44000100	44000200	PATCH		X4420210	X0900064		59300100	35101400	Z0065796	28200200	72500300
			PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	LENGTH	WIDTH	TEMPORARY PATCHING	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES		CLSM	AGGREGATE BASE COURSE, TYPE B	RIPRAP SLURRY	FILTER FABRIC	OBJECT MARKER - TYPE 3
			SQ YD	SQ YD	FT	FT	SQ YD	DIMENSIONS	SQ YD	CU YD	TON	SQ YD	SQ YD	EACH
8+00 LT	2.5'x2.5' PCC BOX WITH PCC HW N&S	REMOVE NORTH EXTENSION (4') AND EXTEND	2.9		13	2	2.9	6'-10" X 13'-2"	10.0	3.9	0.8	--	--	1
8+00 RT	2.5'x2.5' PCC BOX WITH PCC HW N&S	EXTEND						6'-10" X 8'-8"	6.6	3.9		--	--	1
22+42 LT	3.5'x3.5' PCC BOX WITH PCC HW N&S	REMOVE NORTH EXTENSION (4.5') AND EXTEND	3.1		14	2	3.1	8' X 11'-2"	9.9	4.1	0.9	53.3	53.3	1
22+42 RT	3.5'x3.5' PCC BOX WITH PCC HW N&S	EXTEND	0.0					8' X 8'-6"	7.6	4.1		53.3	53.3	1
1200E LT	15" DIA. CMP	24" ERS CL A	40.0		12	30	40.0		-	15.1	11.2	--	--	-
1200E RT	12" DIA. RCCP	24" ERS CL A	53.3		12	40	53.3		-	16.8	14.9	--	--	-
105+29	5'x3' PCC BOX WITH PCC HW	REMOVE 5X3 AND INSTALL 9X3 PCC BOX	58.3		21	25	58.3	12' X 36'	48.0	83.1	16.3	61.1	61.1	2
1350E LT	(2) 18" DIA. CMP	REMOVE EXISTING AND INSTALL 9X2 PCC BOX	70.0		21	30	70.0	12' X 36'	48.0	35.3	19.6	105.6	105.6	2
1400E RT	12" DIA. RCCP WITH PCC HW	24" ERS CL A	28.1		11	23	28.1		-	12.1	7.9	28.9	28.9	2
1500E LT	36" DIA. CMP	36" ERS CL A	34.7		13	24	34.7		-	17.9	9.7	22.2	22.2	--
1500E RT	24" DIA. ____ W/ PCC HW	24" DIA CL A	32.0		12	24	32.0		-	14.5	9	23.9	23.9	--
218+70	3'x2' PCC BOX W/ PCC HW	REMOVE EXISTING	28.4		8	32	28.4		-	79.9	8	--	--	--
219+25	--	INSTALL 3X2 PCC BOX	29.3		11	24	29.3	6' X 36'	24.0	22.4	8.2	95.0	95.0	
241+30 LT	6'x3.5' PCC BOX WITH PCC HW N&S	REMOVE NORTH EXTENSION (3') AND EXTEND	3.1		14	2	3.1	12'-4" X 10'-8"	14.6	6.2	0.9	43.3	43.3	1
241+30 RT	6'x3.5' PCC BOX WITH PCC HW N&S	EXTEND						7'-8" X 10'-8"	9.1	6.2		95.0	95.0	1
263+80	4'x4' PCC BOX WITH CIP PCC HW (N&S) & CIP PCC APRON (S)	None							-	-		33.3	33.3	2
ENTRANCE CULVERTS UNDER DRIVEWAY PAVEMENT													0.0	
4+95 LT	12" DIA. RCCP	15" DIA CL A		41.6	11	34	41.6		-	34.1	11.6	--	--	2
44+36 LT	15" DIA CMP	15" DIA CL D		30.0	9	30	30.0		-	22.7	8.4	--	--	2
75+28 LT	15" DIA CMP	15" DIA CL D		10.7	8	12	10.7		-	9.5	3	--	--	
211+10 LT									-	-		28.0	28.0	
TOTALS:			383.3	82.2			465.6		177.8	391.8	130.4	643.0	643.0	18.0
USE:			384	83			466		178	392	131	643	643	18

NOTE: AGGREGATE BASE COURSE, TYPE B APPLICATION RATE OF 1.8T / CY

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

USER NAME = \$USERS\$	DESIGNED - JEM	REVISED - _____
	CHECKED - JJB	REVISED - _____
PLOT SCALE = \$SCALE\$	DRAWN - JEM	REVISED - _____
PLOT DATE = \$DATES\$	CHECKED - JJB	REVISED - _____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB – CH 18
SCHEDULE OF QUANTITIES – 6

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	15
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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

STATION	NO WORK	Z0030900	61100605	61139900	61140000	61140100	61140200	61140400	61140800	61140900
		INSPECTION WELLS	MISCELLANEOUS CONCRETE	STORM SEWER (SPECIAL), 6"	STORM SEWER (SPECIAL), 8"	STORM SEWER (SPECIAL), 10"	STORM SEWER (SPECIAL),12"	STORM SEWER (SPECIAL), 15"	STORM SEWER (SPECIAL), 21"	STORM SEWER (SPECIAL), 24"
		EACH	CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
RT 8+05		1			20					
LT 8+05		1			20					
RT 22+31		1				20				
LT 22+31		1				20				
RT 49+50 TO 57+05				140						
RT 57+05 TO LT					80					
LT 68+83		1	0.56							
RT 68+92		1	0.56							
LT 85+38		1		20						
LT 85+72				10						
RT 85+72				10						
RT 85+95		1		20						
RT 86+00 TO 105+30					20					
LT 89+09		1	0.56							
RT 89+09		1	0.56							
LT 104+74 TO RT		1						60		
RT 105+54		1							20	
RT 123+00 TO 133+50								1050		
LT 139+05				20						
LT 139+05 TO RT							40			
LT 139+28					10					
RT 140+00 TO 156+61				20						
RT 140+71				10						
LT 154+25		1	0.56							
RT 156+98					10					
LT 157+01		1			10					
RT 157+00 TO 180+00					70					
LT 166+39 TO RT		1	0.56							
RT 174+91		1		20						
LT 175+10		1	0.56	10						
RT 175+13				10						
LT 175+37		1		20						
RT 179+12		1	0.56							
RT 190+94 TO 204+52		1	0.56							
RT 191+88		1			20					
LT 192+60		1	0.56							
RT 204+52		1	0.56							
LT 205+00 TO 211+42	X									
RT 218+28 TO LT						80.0				
LT 218+72 TO RT							80			
RT 239+87		1	0.56							
LT 241+00		1	0.56							
LT 241+17		1		20						20
RT 241+23		1		20						20
RT 252+15		1	0.56							
LT 253+11		1	0.56							
RT 263+71		1	0.56							
RT 263+76		1	0.56							
RT 263+76 TO 269+20	X									
LT 263+76 TO 271+12	X									
RT 271+19 TO RT	X									
TOTALS:		31	9.52	350	260	120	120	1110	20	40

USE 10 CU YD

MODEL: \$MODELNAME\$ FILE NAME: \$FILE\$	USER NAME ■ \$USERS\$	DESIGNED - JEM	REVISED - _____	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PHILO SLAB – CH 18 SCHEDULE OF QUANTITIES – 7			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - JJB	REVISED - _____					528	20-00453-00-SP	CHAMPAIGN	180	16
	PLOT SCALE ■ \$SCALE\$	DRAWN - JEM	REVISED - _____		SCALE: _____			SHEET _ OF _ SHEETS			CONTRACT NO. 91635	
	PLOT DATE = \$DATES\$	CHECKED - JJB	REVISED - _____		STA. _____ TO STA. _____			C-95-007-24		ILLINOIS	FED. AID PROJECT A3HK(750)	

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

66600105						
FURNISHING AND ERECTING ROW MARKERS						
LOCATION		EACH		LOCATION		EACH
5+09.81	43' LT	1		4+87.74	39' RT	1
31+33.83	43' LT	1		9+31.86	39' RT	1
47+51.50	43' LT	1		11+40.56	34' RT	1
57+21.60	43' LT	1		18+22.12	34' RT	1
57+81.60	44' LT	1		18+22.10	44' RT	1
67+51.50	44' LT	1		31+33.90	44' RT	1
71+50.00	44' LT	1		31+33.92	39' RT	1
71+50.00	38' LT	1		44+25.92	39' RT	1
85+64.61	38' LT	1		44+25.94	34' RT	1
98+94.88	44' LT	1		47+51.50	34' RT	1
102+25.80	44' LT	1		57+26.40	34' RT	1
112+25.08	44' LT	1		57+84.40	34' RT	1
122+25.80	44' LT	1		67+51.50	34' RT	1
126+00.00	44' LT	1		71+58.04	34' RT	1
126+00.00	54'LT	1		78+61.34	34' RT	1
134+00.00	54'LT	1		85+64.65	34' RT	1
134+00.00	44' LT	1		100+56.59	39' RT	1
138+62.03	44' LT	1		102+25.80	39' RT	1
139+12.03	44' LT	1		112+25.23	39' RT	1
155+47.35	44' LT	1		112+25.23	40' RT	1
165+46.49	44' LT	1		122+25.80	40' RT	1
165+46.55	38' LT	1		122+25.80	47' RT	1
175+47.35	38' LT	1		137+50.00	39' RT	1
178+73.26	38' LT	1		137+50.00	47' RT	1
191+99.55	38' LT	1		138+87.24	39' RT	1
224+92.94	38' LT	1		155+47.35	39' RT	1
231+80.18	43' LT	1		157+13.35	39' RT	1
245+12.08	43' LT	1		157+48.33	39' RT	1
245+12.05	38' LT	1		165+24.31	39' RT	1
			165+72.31	36' RT	1	
			175+47.35	36' RT	1	
			178+72.93	36' RT	1	
			191+99.29	36' RT	1	
			205+26.35	36' RT	1	
			211+00.00	34' RT	1	
			212+30.00	39' RT	1	
			218+21.95	39' RT	1	
			218+81.93	44' RT	1	
			238+00.00	44' RT	1	
			238+00.00	54' RT	1	
			242+00.00	44' RT	1	
			242+00.00	54' RT	1	
			245+11.59	44' RT	1	
			257+82.80	44' RT	1	
			261+12.77	47' RT	1	
			268+52.06	47' RT	1	
LT SUB-TOTAL:		29	RT SUB-TOTAL:		46	
TOTAL:					75	

LOCATION		*X0327301
		RELOCATE EXISTING MAILBOX
	ADDRESS	EACH
4+75 LT	1102 CR 900N TOLONO IL	1
4+77 LT	1104 CR 900N TOLONO IL	1
11+23 RT	1111 CR 900N TOLONO IL	1
75+39 LT	1232 CR 900N TOLONO IL	1
99+80 RT	1273 CR 900N TOLONO IL	1
157+11 RT	1385 CR 900N TOLONO IL	1
186+79 RT	1461 CR 900N TOLONO IL	1
207+00 RT	1462 CR 900N TOLONO IL	1
258+38 LT	1574 CR 900N TOLONO IL	2
260+60 RT	1579 CR 900N TOLONO IL	3
260+66 RT	1579 CR 900N TOLONO IL	5
TOTAL:		18

NOTE: SP REQUIRES NEW BREAKAWAY POST

LOCATION	*Z0064505
	SECTION CORNER MARKERS
	EACH
1 MILE W OF 1200E	1
1/2 MILE WEST OF 1200E	1
1200E	2
1/2 MILE E OF 1200E	1
1 MILE E OF 1200E	1
1350E	1
1400E	1
1/2 MILE E OF 1400E	1
1500E	1
1/2 MILE E OF 1500E	1
TOTAL:	11

LOCATION		X6660410
		REMOVE ROW MARKERS
		EACH
165+24.32	34'RT	1
165+72.31	34'RT	1
218+21.97	34'RT	1
TOTAL:		3

LOCATION	*Z0051500	72900200
	REMOVING AND RESETTING STREET SIGNS	METAL POST, TYPE B
	EACH	FOOT
2+62: NO# WB US RT45	1	15
4+20: #2212 WB RR CROSSING AHEAD	1	15
6+18: NO# WB JCT	1	15
6+36: #2213 EB CH18	1	15
44+16: PRIVATE STOP SIGN	1	-
49+20: #2214 EB CROSS ROAD AHEAD	1	15
52+41: #3788 EB WATCH FOR VEHICLES	1	15
57+34: #3685 NB STOP 1200E	1	15
57+36: #3783 SB STOP 1200E	1	15
57+75: #3684 SB STOP 1200E	1	15
57+78: #3784 NB STOP SIGN 1200E	1	15
57+79: RURAL INTERSECTION 900N 1200E	1	15
62+76: #3788 WB WATCH FOR VEHICLES	1	15
66+24: #2221 WB CROSS ROAD AHEAD	1	-
75+19: RURAL ADDRESS 1231 CR 900N	1	-
93+64: RURAL ADDRESS 1264 CR 900N	-	-
94+89: CJ PARK MEMORIAL CROSS	1	-
95+00: RURAL ADDRESS 1271 CR 900N	1	-
112+36: RURAL ADDRESS 1300CR 900N	1	-
128+53: #2220 EB SIDE ROAD AHEAD	1	15
135+04: #2221 CH18	1	15
138+69: #3486 SB STOP 1350E	1	15
138+85: NO# TRAFFIC DOUBLE ARROW	1	15
141+42: #2232 WB CH18	1	15
151+06: #2233 EB SIDE ROAD AHEAD	1	15
154+98: RURAL ADDRESS 1441 CR 900N	-	-
158+27: #2234 EB SIDE ROAD AHEAD	1	15
159+44: PRIVATE ADVERTISEMENT SIGN	1	-
165+25: RURAL INTERSECTION 900N 1400E	1	15
165+65: #3755 NB STOP 1400E	1	15
171+34: #2230 WB SIDE ROAD AHEAD	1	15
211+14: #2241 EB CROSS ROAD AHEAD	1	15
218+34: #2245 SB STOP 1500E	1	15
215+65: #2248 NB STOP 1500E	1	15
224+29: #2250 EB NO PASSING ZONE	1	15
224+31: #2251 WB CROSS ROAD AHEAD	1	15
242+69: #3865 WB NO PASSING ZONE	1	15
250+40: #0415 WB SPEED LIMIT 35 AHEAD	1	15
251+96: #2254 EB NO PASSING ZONE	1	15
255+02: #3725 EB SCHOOL BUS STOP AHEAD	1	15
256+44: #3513 WB SPEAD LIMIT 55	1	15
258+39: RURAL ADDRESS 1574 CR 900N	1	-
258+41: #2255 EB SPEED LIMIT 35	1	15
260+70: RURAL ADDRESS 1579 CR 900N	1	-
268+90: #3726 WB SCHOOL BUS STOP AHEAD	1	15
269+83: #2256 WB SPEED LIMIT 35	1	15
271+20: NO# EB STOP AND CROSS TRAFFIC DOES NOT STOP	1	15
18 OBJECT MARKER POSTS FOR CULVERTS		270
TOTAL:	45	810

NOTE: POST LENGTHS MINIMUM OF 15' (5' IN GROUND, 7' HEIGHT, 3' FOR SIGN)

	USER NAME = \$USERS\$	DESIGNED - JEM	REVISED - _____	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PHILO SLAB – CH 18 SCHEDULE OF QUANTITIES – 8				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = \$\$SCALE\$	CHECKED - JJB	REVISED - _____						528	20-00453-00-SP	CHAMPAIGN	180	17		
	PLOT DATE = \$DATES\$	CHECKED - JJB	REVISED - _____						CONTRACT NO. 91635						
	SCALE: _____				SHEET __	OF __	SHEETS	STA. _____	TO STA. _____	C-95-007-24			ILLINOIS	FED. AID PROJECT A3HK(750)	

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

LOCATION TO LOCATION				25000110	25000210	25100115	28000250	25000400, 25000500,25000600
				SEEDING CLASS 1A (LAWN)	SEEDING, CLASS 2A (ROAD)	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING	FERTILIZER NUTRIENTS (NIT, PHOS, POT)
				ACRE	ACRE	ACRE	POUND	POUND
ROUTE 45 TO 1200E								
1+37	LT	1+70	LT	0.006		0.006	0.6	0.5
1+80	LT	4+73	LT	0.146		0.146	14.6	13.1
5+12	LT	6+00	LT	0.047		0.047	4.7	4.2
6+00	LT	31+33	LT		1.450	1.450	145	130.5
31+52	LT	44+18	LT	0.725		0.725	72.5	65.3
44+48	LT	57+43	LT	0.737		0.737	73.7	66.3
1+72	RT	8+67	RT		0.170	0.170	17	15.3
9+05	RT	9+65	RT	0.023		0.023	2.3	2.1
9+89	RT	11+26	RT	0.049		0.049	4.9	4.4
11+48	RT	12+51	RT	0.051		0.051	5.1	4.6
12+51	RT	18+23	RT		0.288	0.288	28.8	25.9
18+36	RT	22+55	RT		0.237	0.237	23.7	21.3
22+55	RT	31+07	RT		0.508	0.508	50.8	45.7
31+27	RT	44+31	RT		0.628	0.628	62.8	56.5
44+53	RT	53+51	RT		0.330	0.330	33	29.7
53+51	RT	54+45	RT	0.035		0.035	3.5	3.2
54+56	RT	57+40	RT	0.103		0.103	10.3	9.3
1200E TO 1350 E								
57+69	LT	72+32	LT		0.856	0.856	85.6	77
72+44	LT	75+24	LT	0.126		0.126	12.6	11.3
75+33	LT	76+86	LT	0.068		0.068	6.8	6.1
76+86	LT	93+75	LT		0.775	0.775	77.5	69.8
93+88	LT	98+95	LT		0.232	0.232	23.2	20.9
98+95	LT	112+13	LT	0.371		0.371	37.1	33.4
112+28	LT	121+41	LT		0.438	0.438	43.8	39.4
122+34	LT	138+47	LT		1.137	1.137	113.7	102.3
138+62	LT	138+74	LT		0.008	0.008	0.8	0.7
1200E TO 1400E								
57+71	RT	72+07	RT		0.529	0.529	52.9	47.6
72+40	RT	91+37	RT		0.697	0.697	69.7	62.7
91+62	RT	95+21	RT	0.131		0.131	13.1	11.8
95+33	RT	96+88	RT	0.056		0.056	5.6	5
97+06	RT	99+54	RT	0.090		0.090	9	8.1
99+66	RT	100+57	RT	0.033		0.033	3.3	3
100+57	RT	112+23	RT		0.559	0.559	55.9	50.3
112+32	RT	119+71	RT		0.370	0.370	37	33.3
120+10	RT	121+22	RT		0.051	0.051	5.1	4.6
122+41	RT	138+37	RT		1.042	1.042	104.2	93.8
138+63	RT	157+21	RT		0.894	0.894	89.4	80.5
157+43	RT	165+39	RT		0.382	0.382	38.2	34.4
1350 E TO 1500 E								
139+00	LT	139+12	LT		0.005	0.005	0.5	0.5
139+33	LT	154+00	LT		0.876	0.876	87.6	78.8
154+00	LT	155+31	LT	0.075		0.075	7.5	6.8
155+43	LT	165+00	LT		0.570	0.570	57	51.3
165+43	LT	178+42	LT		0.598	0.598	59.8	53.8
178+88	LT	191+54	LT		0.581	0.581	58.1	52.3
191+95	LT	198+34	LT		0.293	0.293	29.3	26.4
198+73	LT	210+61	LT		0.545	0.545	54.5	49.1
210+92	LT	211+00	LT		0.003	0.003	0.3	0.3
211+88	LT	218+38	LT		0.308	0.308	30.8	27.7

CONTINUED IN NEXT COLUMNS

LOCATION TO LOCATION				25000110	25000210	25100115	28000250	25000400, 25000500,25000600
				SEEDING CLASS 1A (LAWN)	SEEDING, CLASS 2A (ROAD)	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING	FERTILIZER NUTRIENTS (NIT, PHOS, POT)
				ACRE	ACRE	ACRE	POUND	POUND
1400E TO 1500E								
165+60	RT	176+26	RT		0.440	0.440	44	39.6
176+62	RT	184+64	RT		0.330	0.330	33	29.7
184+97	RT	186+95	RT	0.081		0.081	8.1	7.3
187+11	RT	187+50	RT	0.015		0.015	1.5	1.4
187+50	RT	192+05	RT		0.187	0.187	18.7	16.8
192+29	RT	198+93	RT		0.274	0.274	27.4	24.7
199+19	RT	205+26	RT		0.251	0.251	25.1	22.6
205+26	RT	207+13	RT	0.067		0.067	6.7	6
207+30	RT	209+56	RT	0.082		0.082	8.2	7.4
209+56	RT	210+68	RT		0.041	0.041	4.1	3.7
211+00	RT	211+57	RT		0.024	0.024	2.4	2.2
212+20	RT	218+38	RT	0.306		0.306	30.6	27.5
1500E TO IL ROUTE 130								
218+60	LT	218+79	LT		0.008	0.008	0.8	0.7
218+79	LT	219+14	LT		0.017	0.017	1.7	1.5
219+36	LT	224+93	LT		0.256	0.256	25.6	23
224+93	LT	226+72	LT	0.080		0.080	8	7.2
226+96	LT	228+28	LT	0.057		0.057	5.7	5.1
228+28	LT	238+12	LT		0.524	0.524	52.4	47.2
238+36	LT	245+33	LT		0.388	0.388	38.8	34.9
245+60	LT	252+14	LT		0.300	0.300	30	27
252+54	LT	256+46	LT		0.178	0.178	17.8	16
256+46	LT	258+13	LT	0.075		0.075	7.5	6.8
258+39	LT	259+22	LT	0.038		0.038	3.8	3.4
259+41	LT	260+26	LT	0.039		0.039	3.9	3.5
260+40	LT	261+22	LT	0.038		0.038	3.8	3.4
261+45	LT	261+74	LT	0.013		0.013	1.3	1.2
261+95	LT	262+74	LT	0.036		0.036	3.6	3.2
262+91	LT	264+63	LT	0.078		0.078	7.8	7
264+83	LT	266+23	LT	0.064		0.064	6.4	5.8
266+42	LT	267+12	LT	0.031		0.031	3.1	2.8
267+37	LT	267+64	LT	0.012		0.012	1.2	1.1
267+82	LT	270+00	LT	0.092		0.092	9.2	8.3
218+60	RT	218+82	RT		0.008	0.008	0.8	0.7
218+82	RT	223+41	RT		0.263	0.263	26.3	23.7
223+67	RT	231+50	RT		0.467	0.467	46.7	42
231+50	RT	232+16	RT	0.037		0.037	3.7	3.3
232+28	RT	234+69	RT	0.127		0.127	12.7	11.4
234+69	RT	241+17	RT		0.454	0.454	45.4	40.9
241+43	RT	257+25	RT		0.959	0.959	95.9	86.3
257+53	RT	258+00	RT		0.026	0.026	2.6	2.3
258+10	RT	260+80	RT	0.089		0.089	8.9	8
260+90	RT	261+13	RT	0.010		0.010	1	0.9
261+13	RT	268+52	RT		0.481	0.481	48.1	43.3
268+52	RT		RT	0.023		0.023	2.3	2.1
TOTALS =				4.363	21.234	25.598	2,559.8	2,303.8
USE =				5	22	27	2,561	2,304

USER NAME ■ \$USERS		DESIGNED - JEM	REVISED - _____	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT		PHILO SLAB - CH 18 SCHEDULE OF QUANTITIES - 9		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - JJB	REVISED - _____					528	20-00453-00-SP	CHAMPAIGN	180	18
		PLOT SCALE ■ \$SCALE\$	DRAWN - JEM					CONTRACT NO. 91635				
PLOT DATE ■ \$DATES		CHECKED - JJB	REVISED - _____	SCALE: _____		SHEET _ OF _ SHEETS	STA. _____ TO STA. _____	C-95-007-24		ILLINOIS FED. AID PROJECT A3HK(750)		

FROM TO		LOCATION	COLOR	78001110	78001130	78001150
				PAINT PAVEMENT MARKING LINE, 4"	PAINT PAVEMENT MARKING LINE, 6"	PAINT PAVEMENT MARKING LINE, 12"
				FT	FT	FT
0+46 0+57 0+57 0+46 0+46 0+60 1+06	1+13 1+15 1+15 0+82 0+82 1+06 1+17	US RT 45 TO CN RR				
		S EDGE	WHITE		67	
		DOUBLE CL	YELLOW	116		
		WB LANE LINE LT & THRU	WHITE	58		
		ISLAND OUTLINE	WHITE		131.3	
		ISLAND DIRECTIONALS	WHITE			81.4
		N EDGE	WHITE		46	
		WB: RR BLOCKOUTS	WHITE		85.1	
		1+24 1+23 1+35 4+41 1+35 1+39 1+35 4+70	1+35 1+35 4+41 4+70 4+41 57+18 57+15 57+52	CN RR TO 1200E		
WB: RR BLOCKOUTS	WHITE				73.3	
DOUBLE CL	YELLOW			24		
DOUBLE CL X 2	YELLOW			1,224		
DOUBLE CL	YELLOW			58		
DIAGONALS	YELLOW					93.6
N EDGE	WHITE				5,579	
S EDGE	WHITE				5,580	
25-15 SKIP DASH	YELLOW			1,995		
57+87 57+96 57+52	138+50 138+87 138+87	1200E TO 1350E				
		N EDGE	WHITE		8,063	
		S EDGE	WHITE		8,091	
		25-15 SKIP DASH	YELLOW	3,060		
138+50 138+87 138+87	165+47 165+23 165+47	1350E TO 1400E				
		N EDGE	WHITE		2,697	
		S EDGE	WHITE		2,636	
		25-15 SKIP DASH	YELLOW	1,005		
165+47 165+75 165+47	218+18 218+23 218+48	1400E TO 1500E				
		N EDGE	WHITE		5,271	
		S EDGE	WHITE		5,248	
		25-15 SKIP DASH	YELLOW	1,995		
218+79 218+76 218+48 224+29 231+45 234+23 251+96 251+96 251+96 257+90	269+07 269+15 231+45 234+23 242+70 251+96 257+90 257+90 271+37	1500E TO IL RT 130				
		N EDGE	WHITE		5,028	
		S EDGE	WHITE		5,039	
		25-15 SKIP DASH	YELLOW	495		
		EB NO PASSING ZONE	YELLOW	994		
		WB NO PASSING ZONE	YELLOW	1,125		
		25-15 SKIP DASH	YELLOW	675		
		EB NO PASSING ZONE	YELLOW	594		
		25-15 SKIP DASH	YELLOW	225		
		DOUBLE CL	YELLOW	2,694		
		MEDIAN DIAG. AT RT 130	WHITE			142
		SUB-TOTAL			16,337	53,634
DUPLICATE EDGE LINE FULL LENGTH			WHITE	53,634		
TOTAL			16,337	107,269	317	

NOTE: DASH IS 15' LONG AND SKIP IS 25' LONG FOR COUNTY HIGHWAYS.

NOTE: FULL LENGTH EDGE LINE IS DUPLICATED DUE TO PAINTING EDGE LINE, CUTTING SHOULDER RUMBLE, SPRAYING WITH OIL (COVERING THE PAINT), THEN DUPLICATE THE PAINTED EDGE LINE.

LOCATION	COLOR	78001180
		PAINT PAVEMENT MARKING LINE, 24"
		FT
WEST BOUND: THRU AND LT TURN STOP BAR	WHITE	24
WEST BOUND: RT TURN STOP BAR	WHITE	18
EAST BOUND: (2) X 12' STOP BARS AT CN RR	WHITE	24
WEST BOUND: (2) X 12' STOP BARS AT CN RR	WHITE	24
1200E SOUTHBOUND STOP BAR	WHITE	13.6
1200E NORTHBOUND STOP BAR	WHITE	16.0
1350E SOUTHBOUND STOP BAR	WHITE	11.8
1400E NORTHBOUND STOP BAR	WHITE	11.2
1500E SOUTHBOUND STOP BAR	WHITE	10.2
1500E NORTHBOUND STOP BAR	WHITE	12.8
EAST BOUND: STOP BAR AT IL RT 130 TO THRU	WHITE	11.5
EAST BOUND: STOP BAR AT IL RT 130 TO RT TURN	WHITE	17.5
TOTAL:		195

LOCATION	COLOR	70300100
		SHORT TERM PAVEMENT MARKING
		FT
CL SKIP DASH (RR TO IL RT 130)	YELLOW	670.0
SUB-TOTAL PER APPLICATION		670.0
(CIR, HMA LB, & SURF) APPLICATIONS ASSUMED		3.0
TOTAL:		2,010.0
USE:		2,010
NOTE: 1' EVERY 40' FOR SHORT TERM CENTERLINE SKIP-DASH		
NOTE: REMOVAL IS ONLY FOR THE SURFACE APPLICATION (670FT X 4")		

LOCATION	STATIONS	COLOR	78001100
			PAVEMENT MARKING LETTERS & SYMBOLS
			SQ FT
EB: (TWO) "R"'S FOR RR	0+79.1	WHITE	7.2
EB: (ONE) "X" FOR RR	0+79.1	WHITE	54.0
WB: LEFT TURN ARROW	0+70.7	WHITE	15.6
WB: LEFT TURN ARROW	1+02	WHITE	15.6
WB: (TWO) "R"'S FOR RR	3+95.5	WHITE	7.2
WB: (ONE) "X" FOR RR	3+95.5	WHITE	54.0
TOTAL:			153.6
USE:			154

LOCATION		X0326898	64200108
		CENTER LINE - RUMBLE STRIP, 16"	SHOULDER RUMBLE STRIPS, 8 INCH
		FOOT	FOOT
2+22	57+50	5,528.0	11,056.0
57+50	120+00	6,250.0	12,500.0
123+50	138+80	1,530.0	3,060.0
138+80	165+50	2,670.0	5,340.0
165+50	210+50	4,500.0	9,000.0
212+50	218+40	590.0	1,180.0
218+40	258+00	3,960.0	7,920.0
258+00	269+00	1,100.0	2,200.0
269+00	271+54	254.0	--
TOTALS:		26,382	52,256

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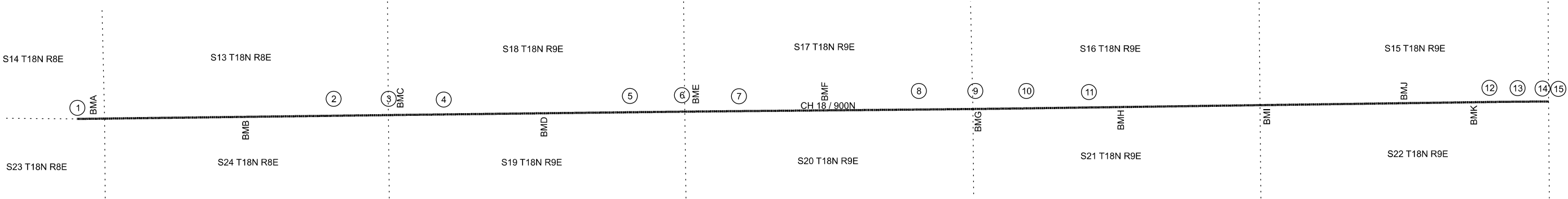
	USER NAME ■ \$USERS\$	DESIGNED - JEM	REVISED - _____	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PHILO SLAB – CH 18 SCHEDULE OF QUANTITIES – 11					F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - JJB	REVISED - _____							528	20-00453-00-SP	CHAMPAIGN	180	20
	PLOT SCALE ■ \$\$SCALE\$	DRAWN - JEM	REVISED - _____		CONTRACT NO. 91635									
	PLOT DATE ■ \$DATES\$	CHECKED - JJB	REVISED - _____		SCALE: _____	SHEET __ OF __ SHEETS	STA. _____	TO STA. _____	C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)			

BENCHMARK DATA (NAVD 1988)

BENCHMARK A -	STA. 4+67 ELEV. 746.03 RAILROAD SPIKE IN THE SOUTH FACE OF A UTILITY POLE LOCATED AT 4+67, 37' LT
BENCHMARK B -	STA. 31+33 ELEV. 735.61 60D SPIKE IN THE NORTH FACE OF A WOOD POST (FORMER UTILITY POLE) LOCATED AT 31+33, 33' RT
BENCHMARK C -	STA. 57+25 ELEV. 721.98 60D SPIKE IN THE SOUTH FACE OF A UTILITY POLE LOCATED AT 57+25, 39' LT
BENCHMARK D -	STA. 85+64 ELEV. 700.82 MAG NAIL IN THE TOP OF STUB WOOD POST (FORMER UTILITY POLE) LOCATED AT 85+64, 34' RT
BENCHMARK E -	STA. 105+27 ELEV. 690.10 CHISELED SQUARE IN THE WEST EDGE OF A CONCRETE HEADWALL OF AN ACROSS ROAD BOX CULVERT LOCATED AT 105+27, 18' LT
BENCHMARK F -	STA. 137+97 ELEV. 682.63 60D SPIKE IN THE SOUTH FACE OF A UTILITY POLE LOCATED AT 137+97, 38' LT
BENCHMARK G -	STA. 165+33 ELEV. 695.30 CHISELED SQUARE IN CONCRETE HEADWALL AT WEST END OF SIDEROAD CULVERT LOCATED AT 165+33, 24' RT
BENCHMARK H -	STA. 192+58 ELEV. 694.59 60D SPIKE IN THE SOUTH FACE OF A UTILITY POLE LOCATED AT 192+58, 33' RT
BENCHMARK I -	STA. 218+33 ELEV. 687.42 CHISELED SQUARE IN CONCRETE HEADWALL AT WEST END OF SIDEROAD CULVERT LOCATED AT 218+33, 24' RT
BENCHMARK J -	STA. 241+27 ELEV. 706.86 CHISELED SQUARE IN THE WEST EDGE OF A CONCRETE HEADWALL OF AN ACROSS ROAD BOX CULVERT LOCATED AT 241+27, 16' LT
BENCHMARK K -	STA. 257+88 ELEV. 723.61 RAILROAD SPIKE IN THE NORTH FACE OF A UTILITY POLE LOCATED AT 257+88, 31' RT

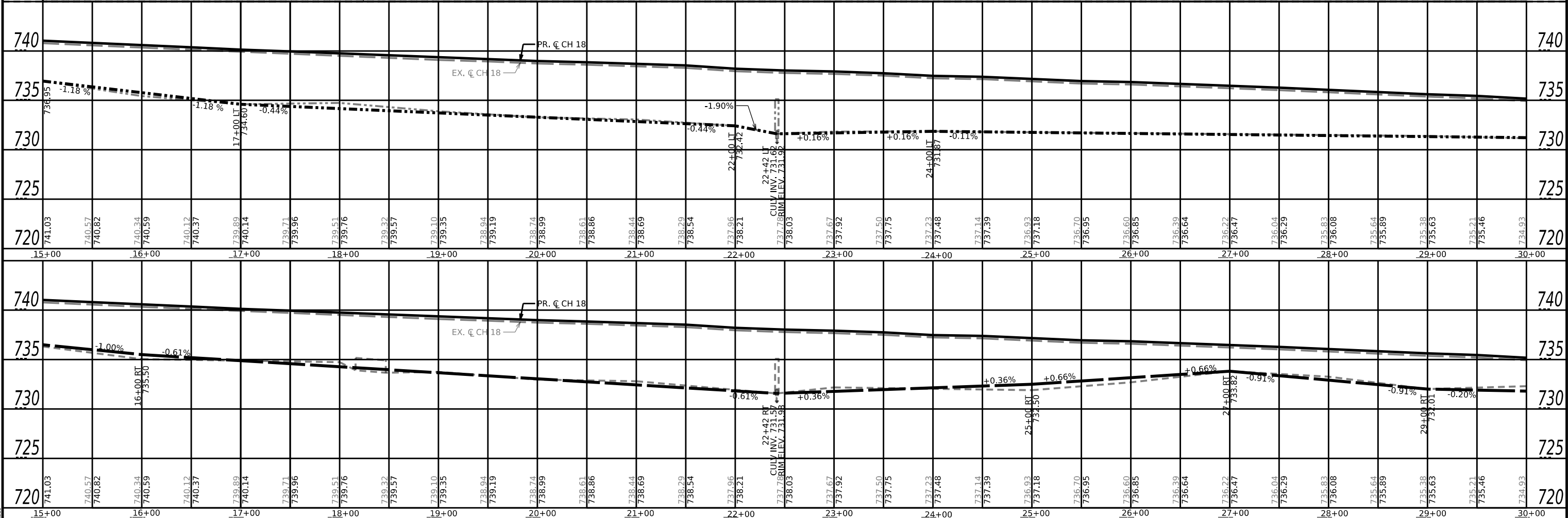
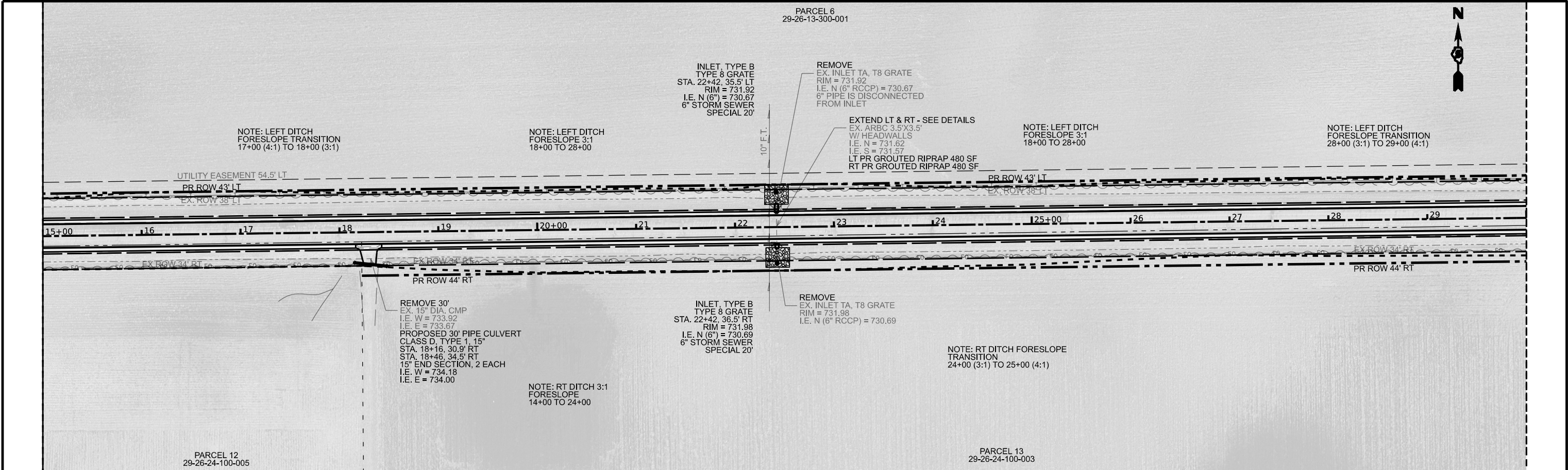
CENTERLINE ALIGNMENT POINTS

LABEL	STATION	NORTHING	EASTING	DESCRIPTION
1	0+00.00	1,217,658.655	1,005,230.4850	PI
2	47+51.50	1,217,717.252	1,009,981.6240	PC
3	57+47.236, 0.212' LT	1,217,729.532	1,010,977.284	PI
4	67+51.50	1,217,741.198	1,011,981.481	PT
5	102+25.80	1,217,781.558	1,015,455.546	PC
6	112+25.049, 0.664' LT	1,217,793.166	1,016,454.728	PI
7	122+25.80	1,217,802.008	1,017,455.441	PT
8	155+47.346	1,217,831.355	1,020,776.857	PC
9	165+47.263, 1.244' RT	1,217,840.190	1,021,776.736	PI
10	175+47.346	1,217,853.840	1,022,776.729	PT
11	187+04.996	1,217,869.641	1,023,934.271	PI
12	260+96.397	1,217,970.528	1,031,324.983	PC
13	265+95.866, 1.296' LT	1,217,977.345	1,031,824.409	PI
14	270+96.376	1,217,979.545	1,032,324.919	PT
15	271+78.749	1,217,979.907	1,032,407.291	PI



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FILE NAME: \$FILE\$

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	PLOT DATE = \$DATES\$	CHECKED - JJB	REVISED - _____		SCALE: _____		SHEET OF SHEETS		CONTRACT NO. 91635		
					STA. _____ TO STA. _____		C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



MODEL: \$MODELNAME\$
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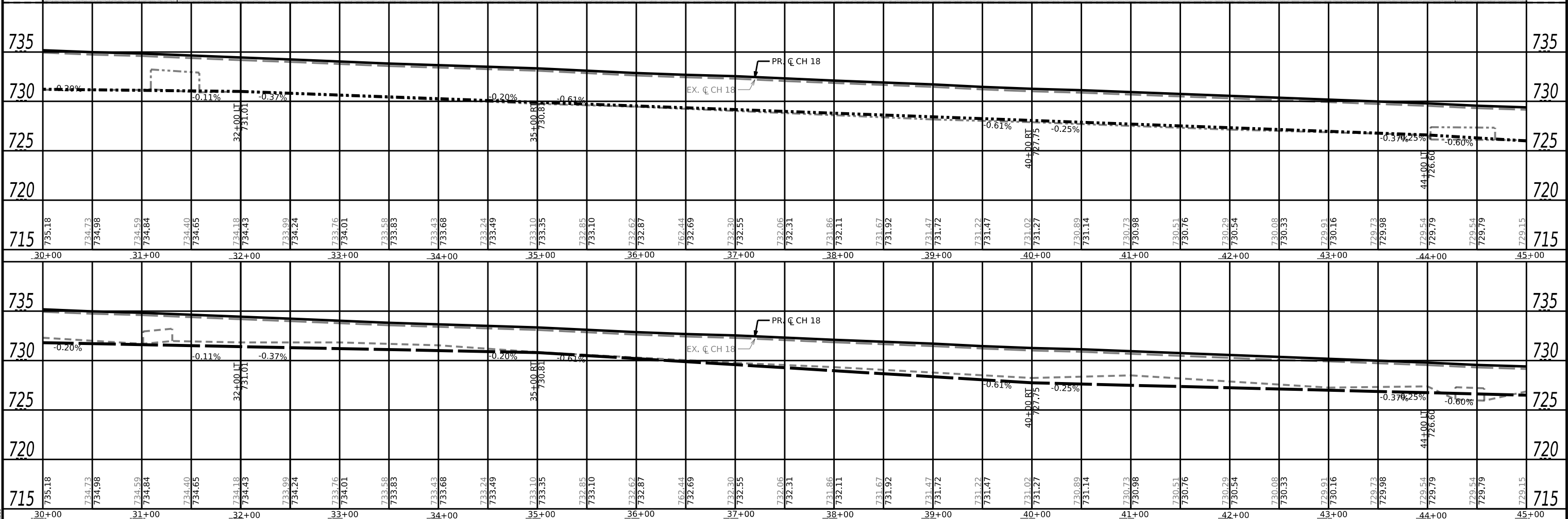
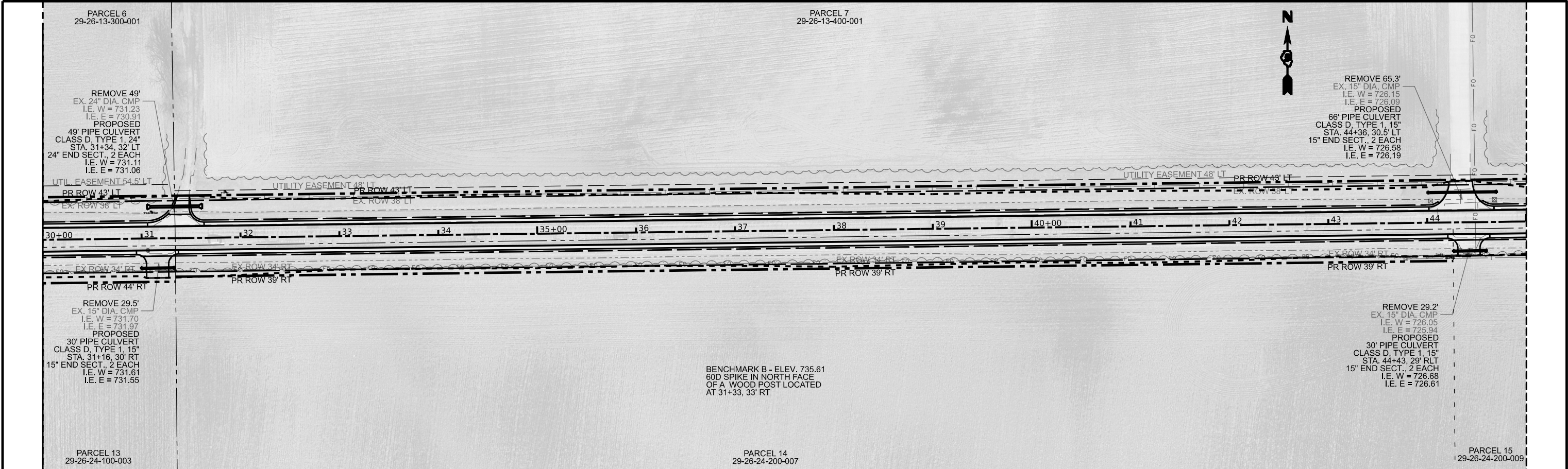
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CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
PLAN AND PROFILE - 2

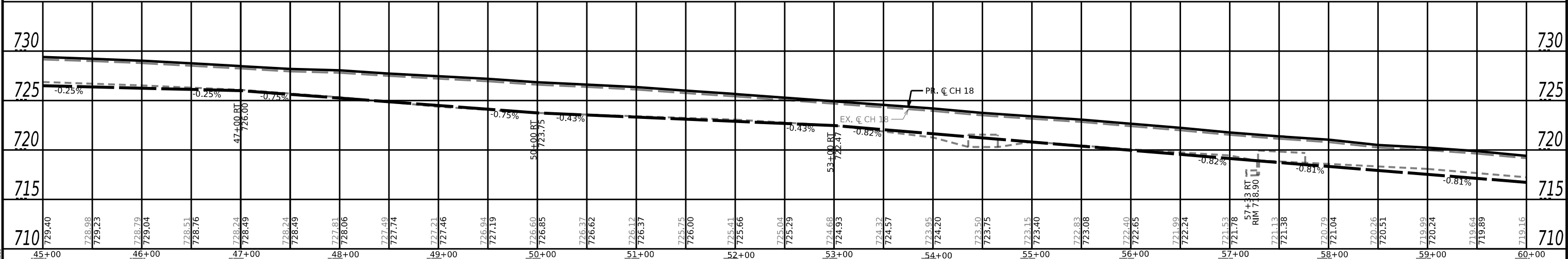
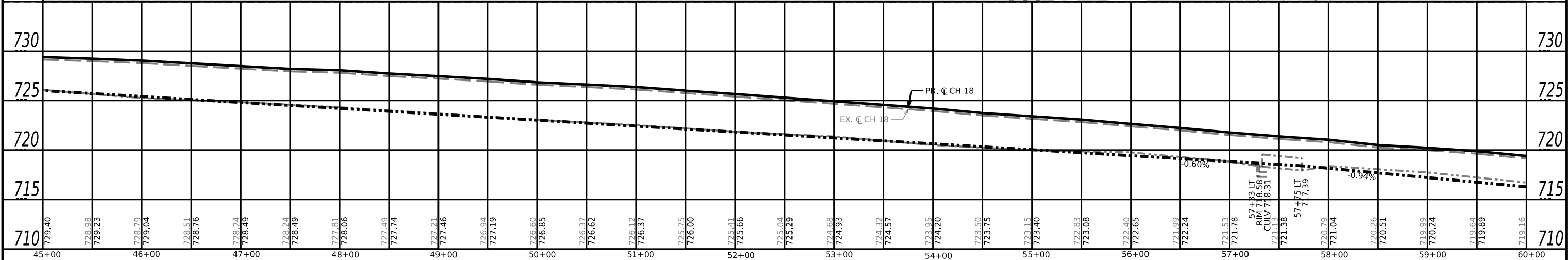
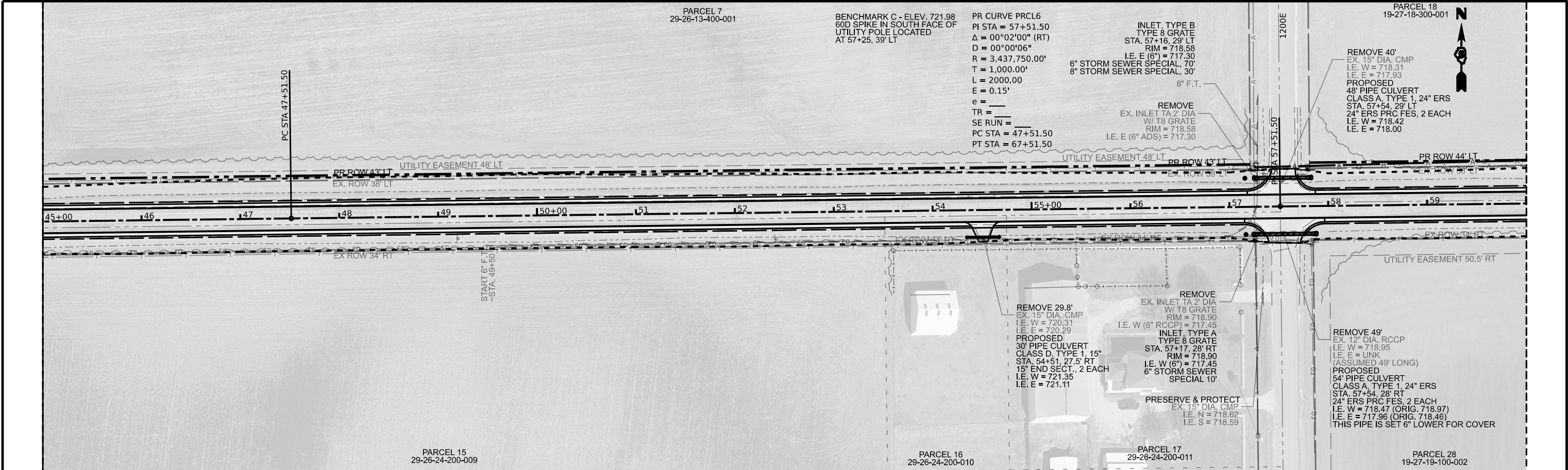
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	23
CONTRACT NO. 91635				
C-95-007-24 ILLINOIS FED. AID PROJECT A3HK(750)				



MODEL: \$MODELNAME\$
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	PLOT DATE = \$DATES\$	DRAWN - JEM	REVISED - _____						C-95-007-24 ILLINOIS FED. AID PROJECT A3HK(750)				
		CHECKED - JJB	REVISED - _____										
					SCALE: _____	SHEET _____	OF _____	SHEETS _____	STA. _____	TO STA. _____			



MODEL: \$MODELNAME\$
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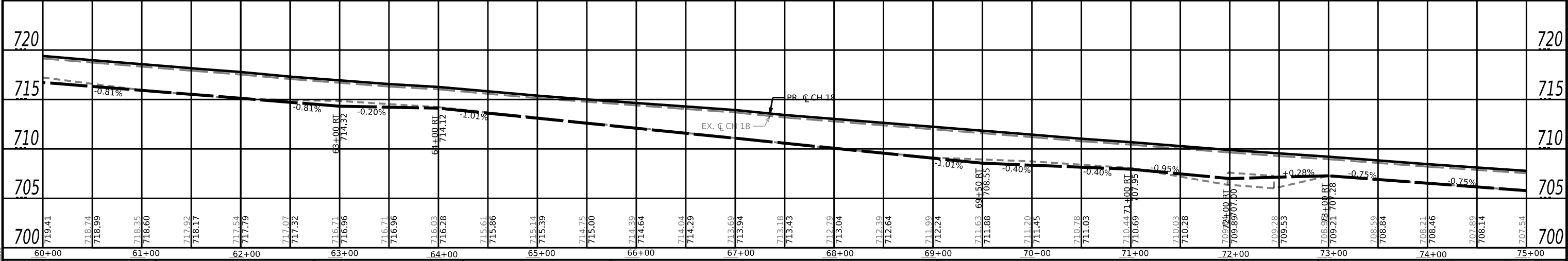
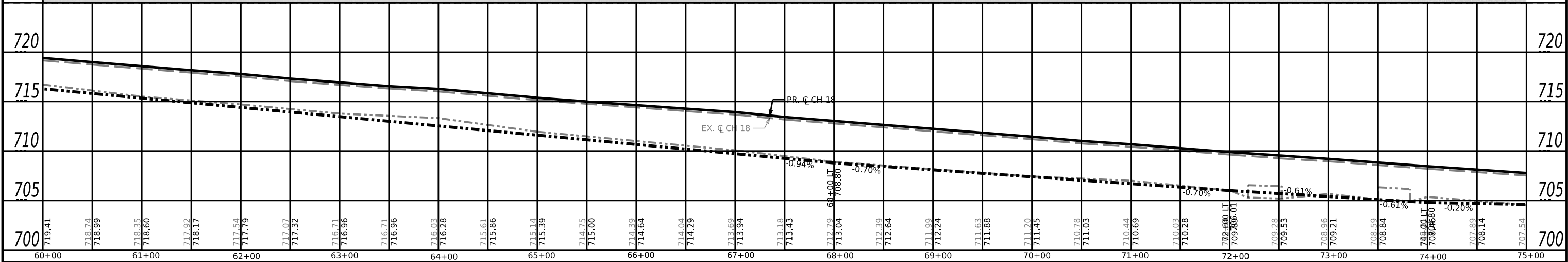
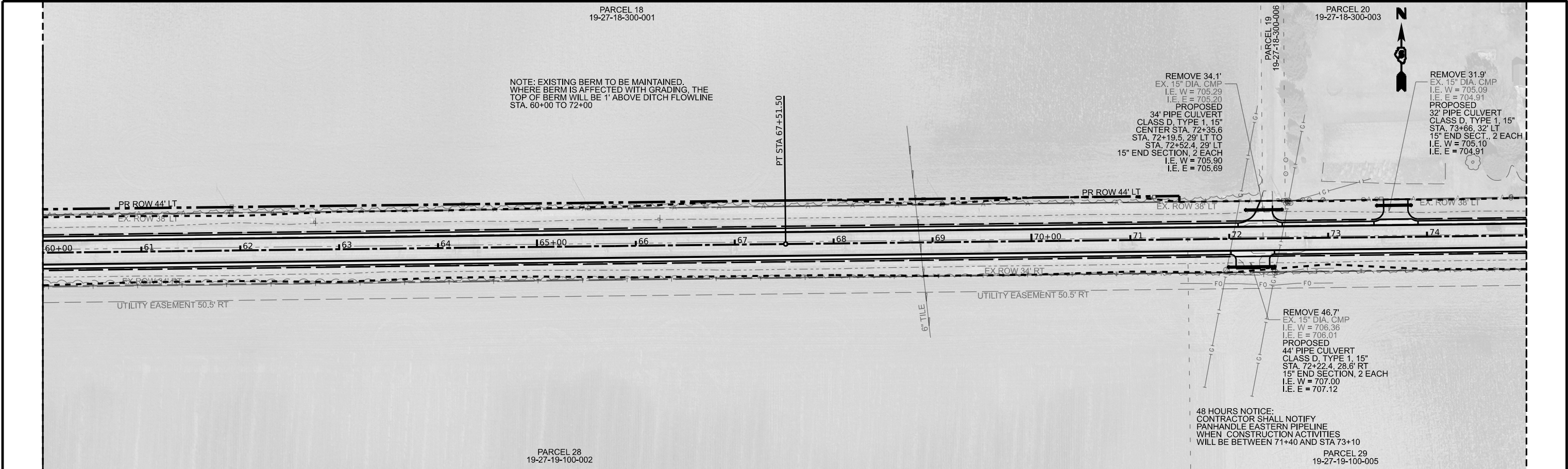
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PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	-

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
PLAN AND PROFILE - 4

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	25
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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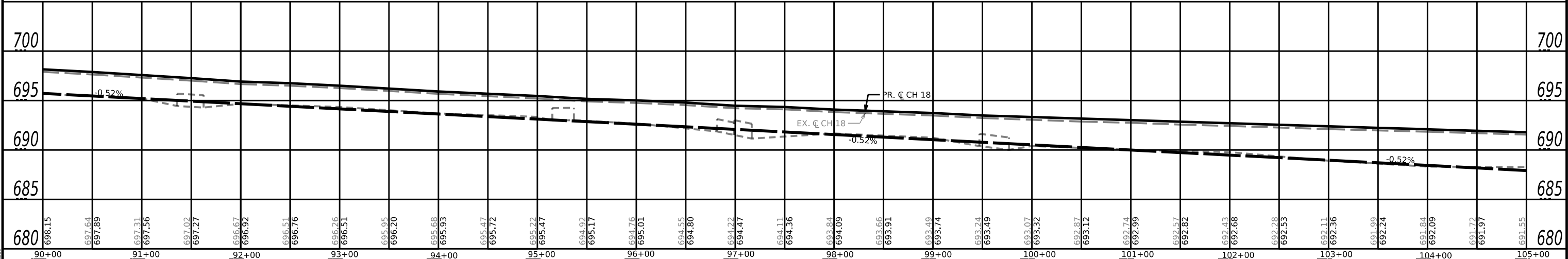
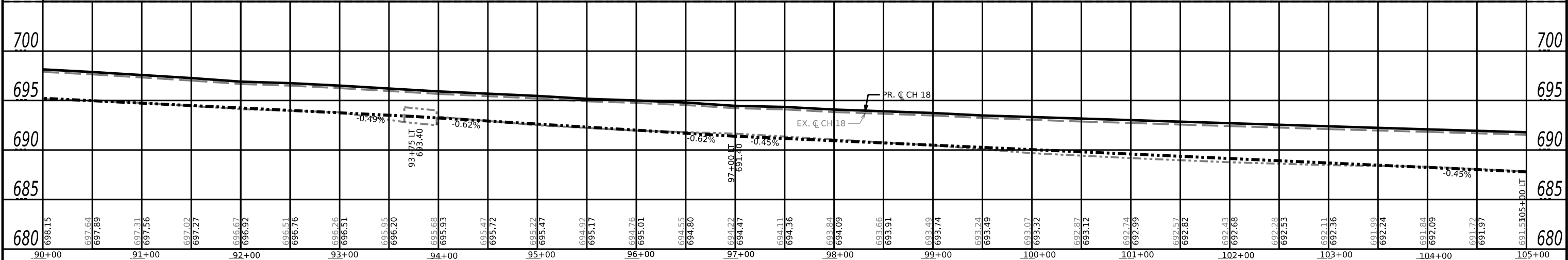
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PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	-
PLOT DATE	= \$DATES\$	CHECKED	- JJJB	REVISED	-

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
PLAN AND PROFILE - 5

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	26
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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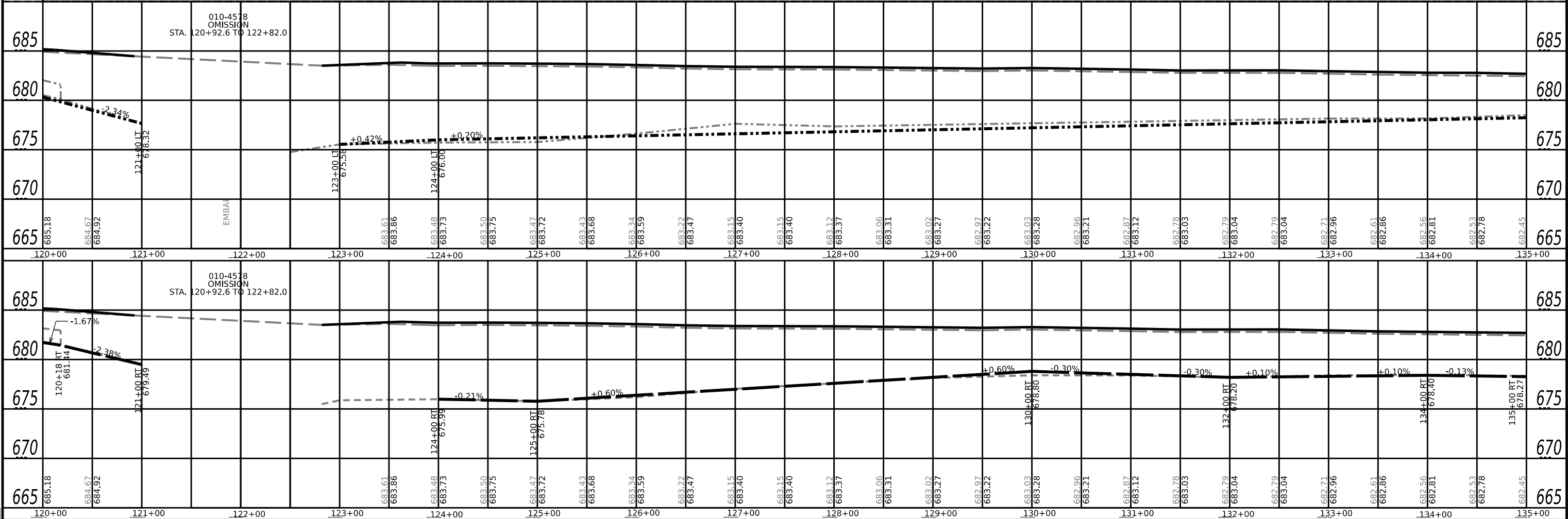
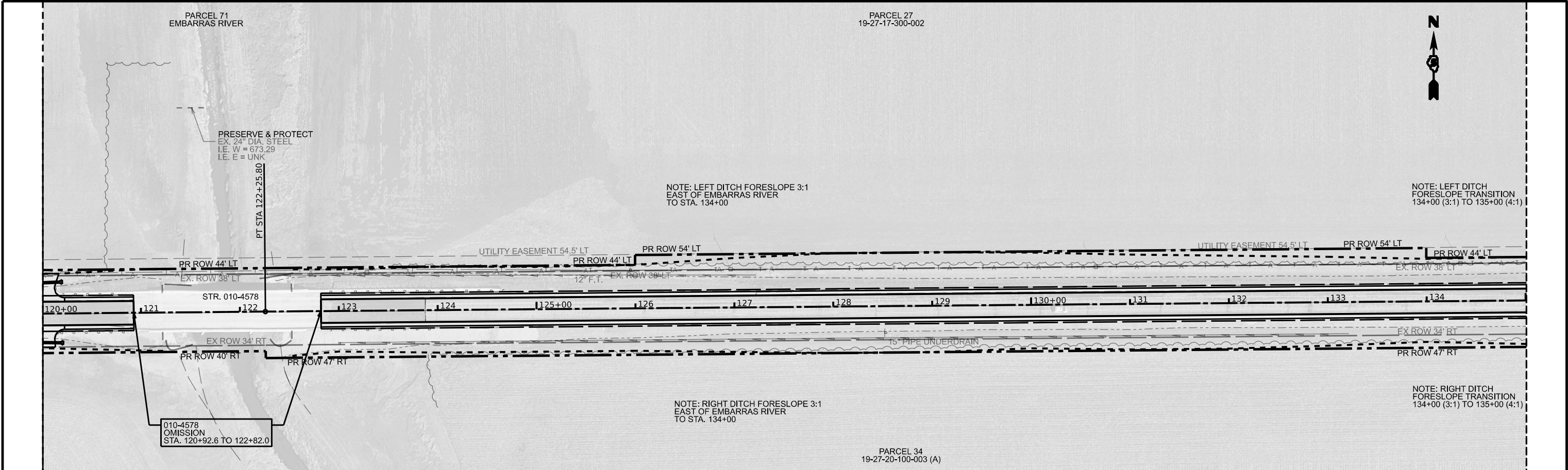
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PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	-

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
PLAN AND PROFILE - 7

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	28
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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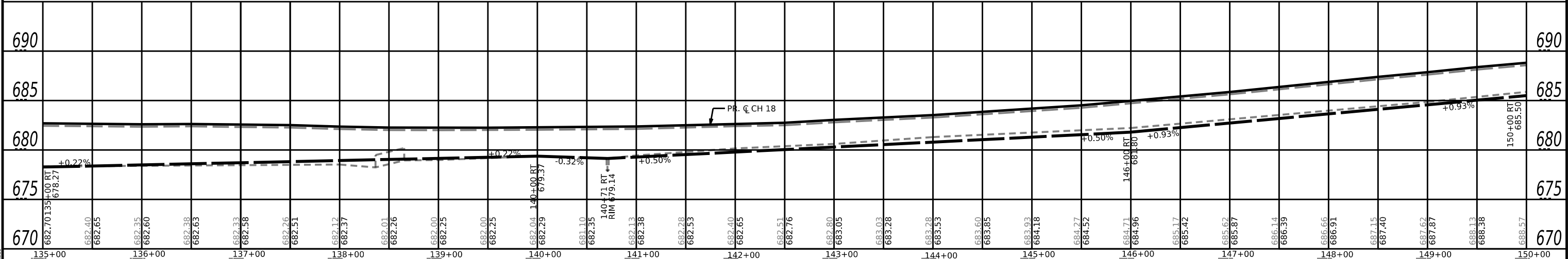
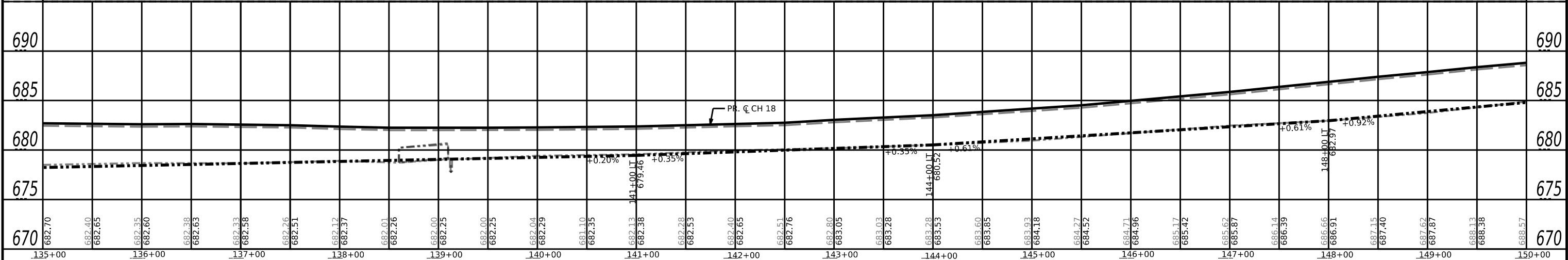
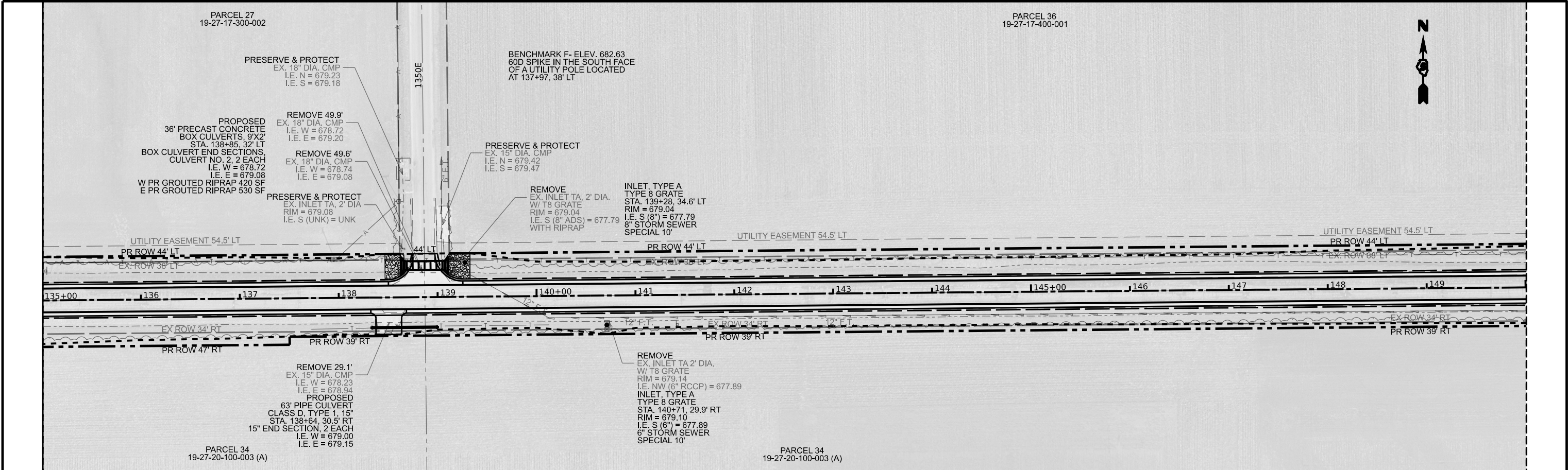
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PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	- _____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
PLAN AND PROFILE - 9

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	30
CONTRACT NO. 91635				
C-95-007-24 ILLINOIS FED. AID PROJECT A3HK(750)				



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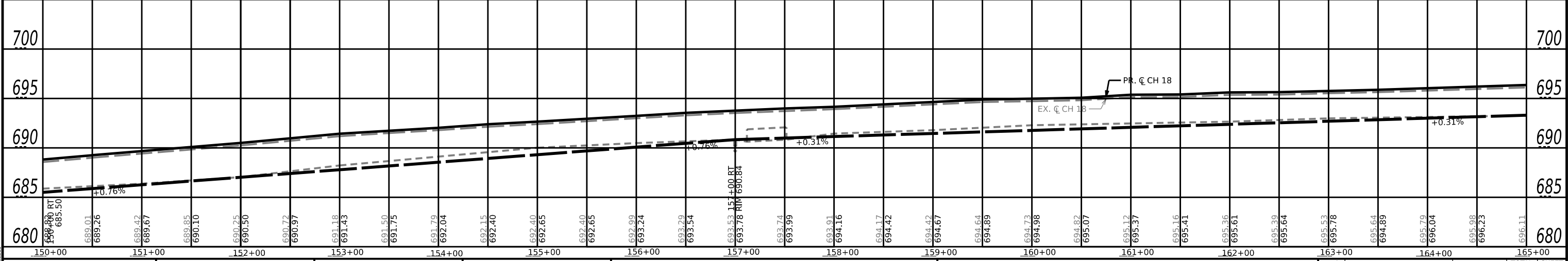
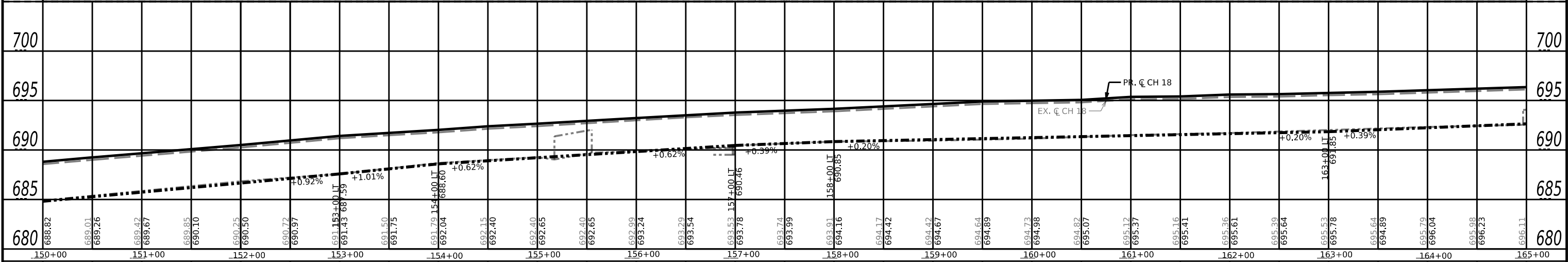
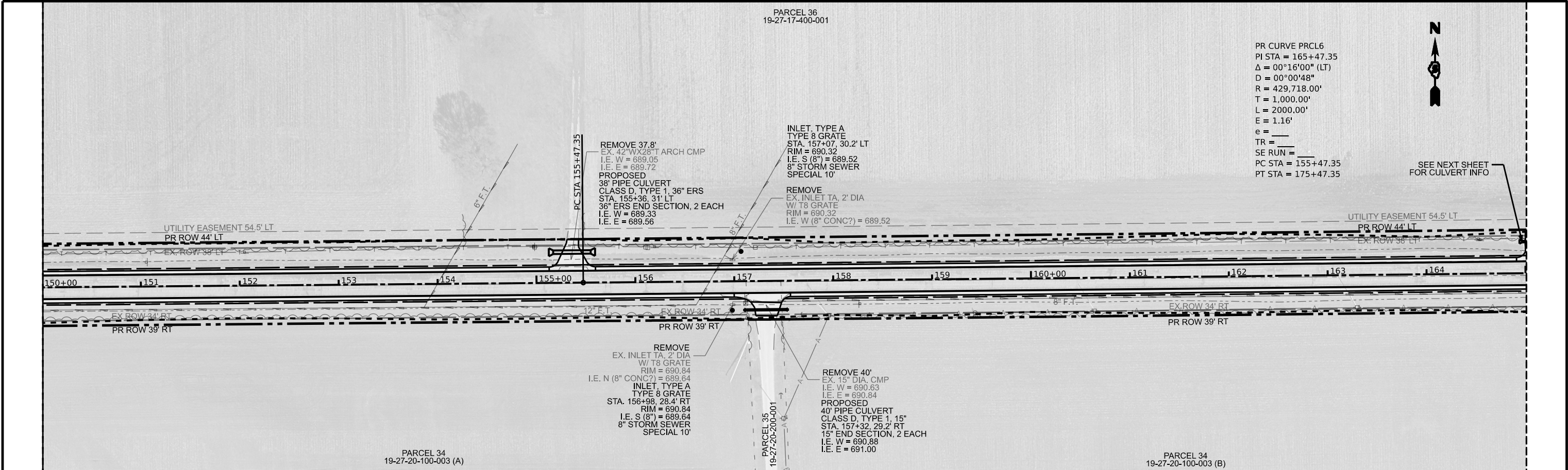
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	CHECKED	REVISED
	- JJB	-
PLOT DATE		
■ \$DATES\$		

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
PLAN AND PROFILE - 10

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	31
CONTRACT NO. 91635				
C-95-007-24 ILLINOIS FED. AID PROJECT A3HK(750)				



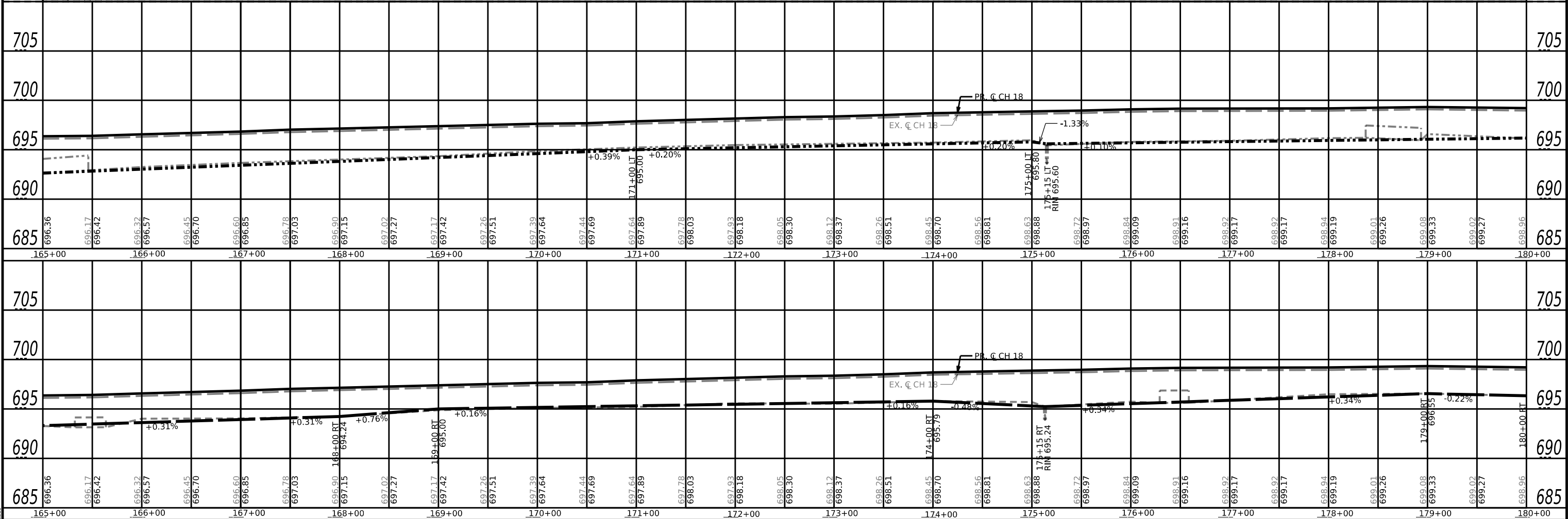
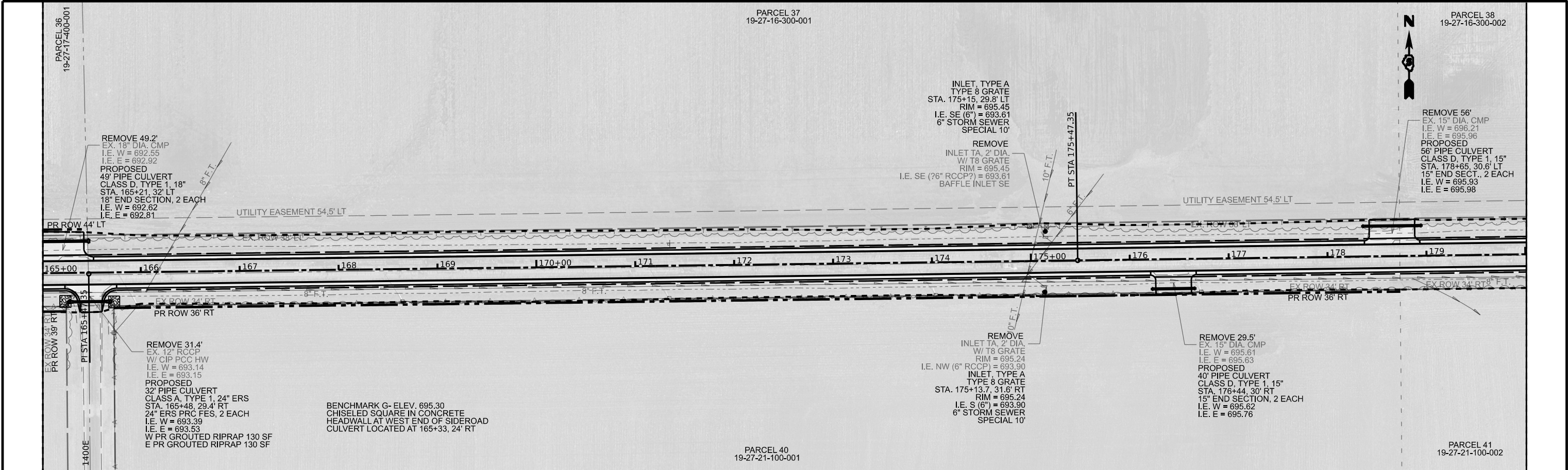
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USER NAME	DESIGNED	REVISIONS
USERS	JEM	1
	JJB	2
	JEM	3
	JJB	4

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
PLAN AND PROFILE - 11

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	32
CONTRACT NO. 91635				
C-95-007-24 ILLINOIS FED. AID PROJECT A3HK(750)				



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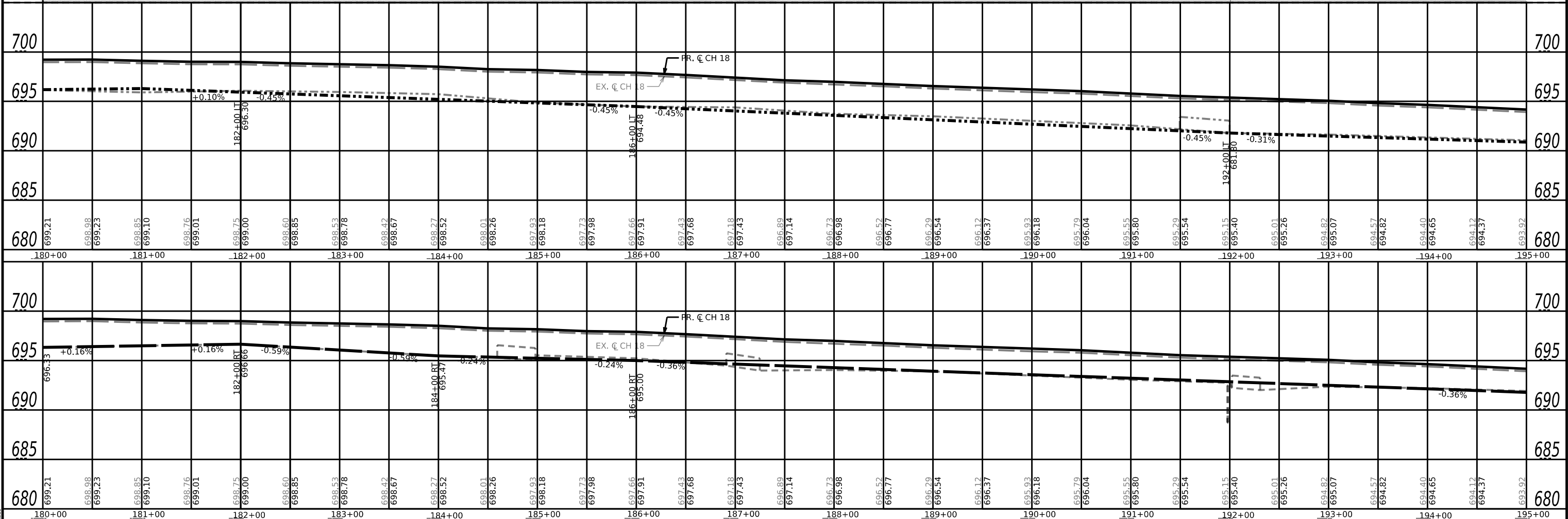
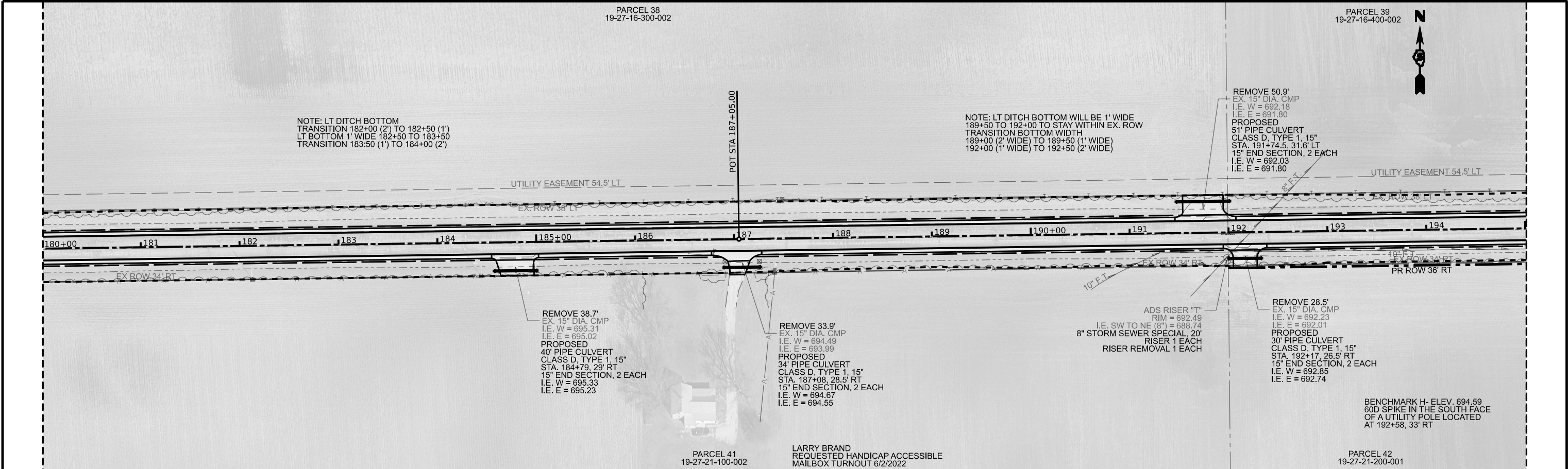
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PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	-

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
PLAN AND PROFILE - 12

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	33
CONTRACT NO. 91635				
C-95-007-24 ILLINOIS FED. AID PROJECT A3HK(750)				



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FILE NAME: \$FILE\$

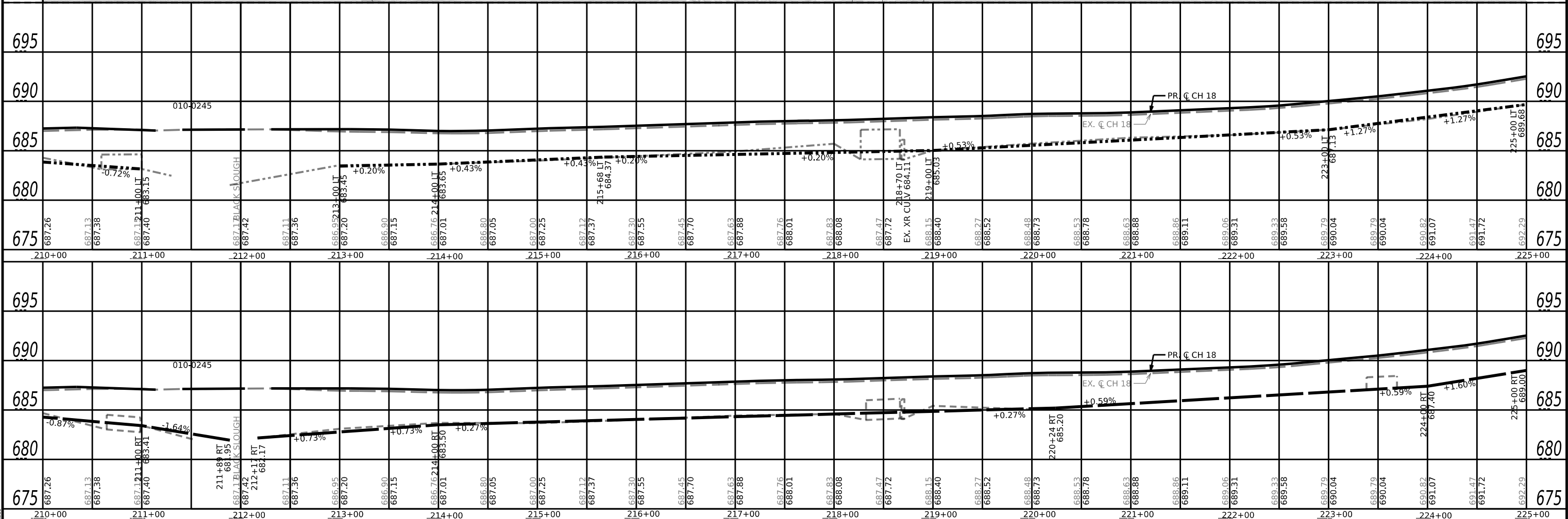
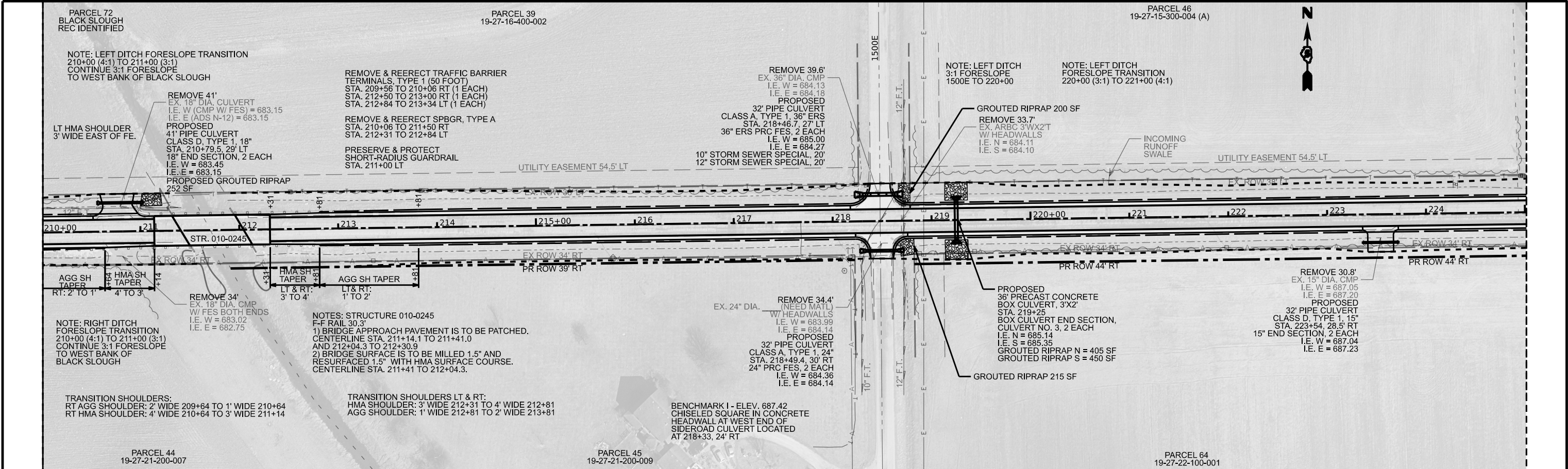
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PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	-
PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	-

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
PLAN AND PROFILE - 13

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	34
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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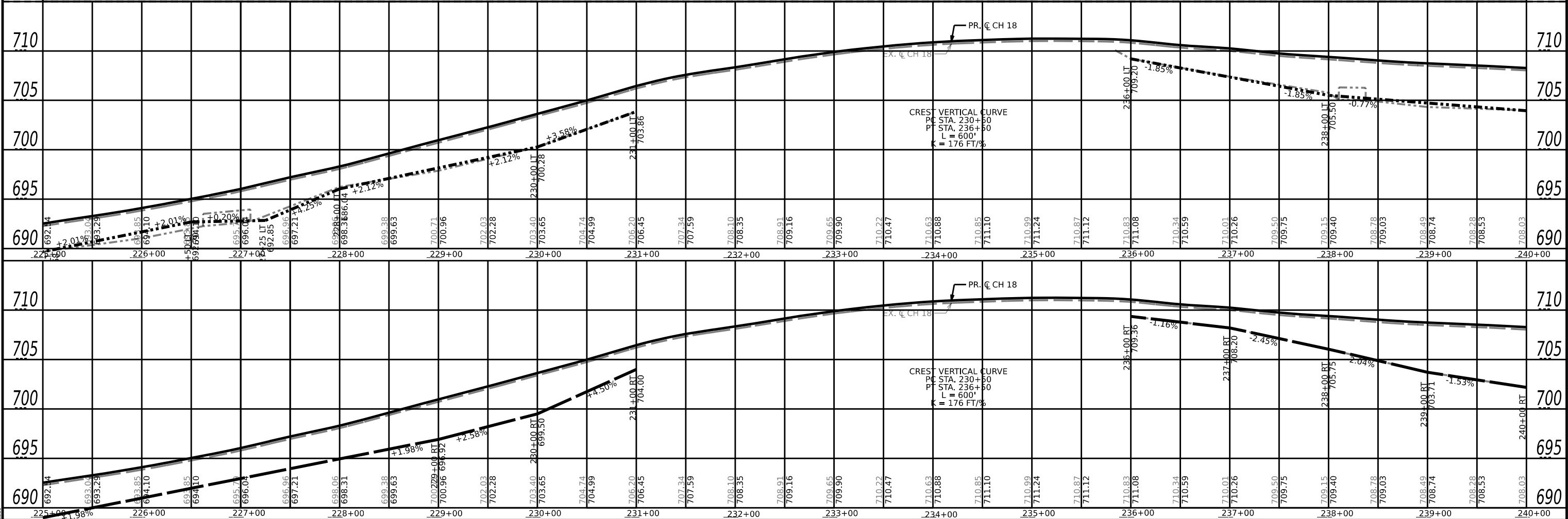
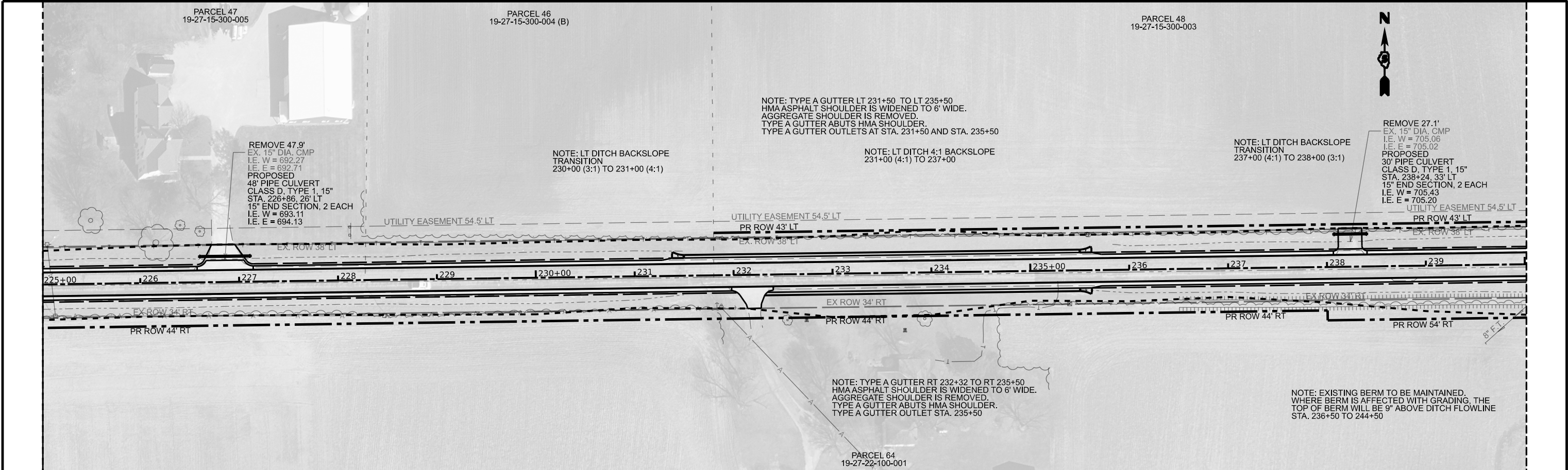
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PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	-
PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	-

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
PLAN AND PROFILE - 15

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	36
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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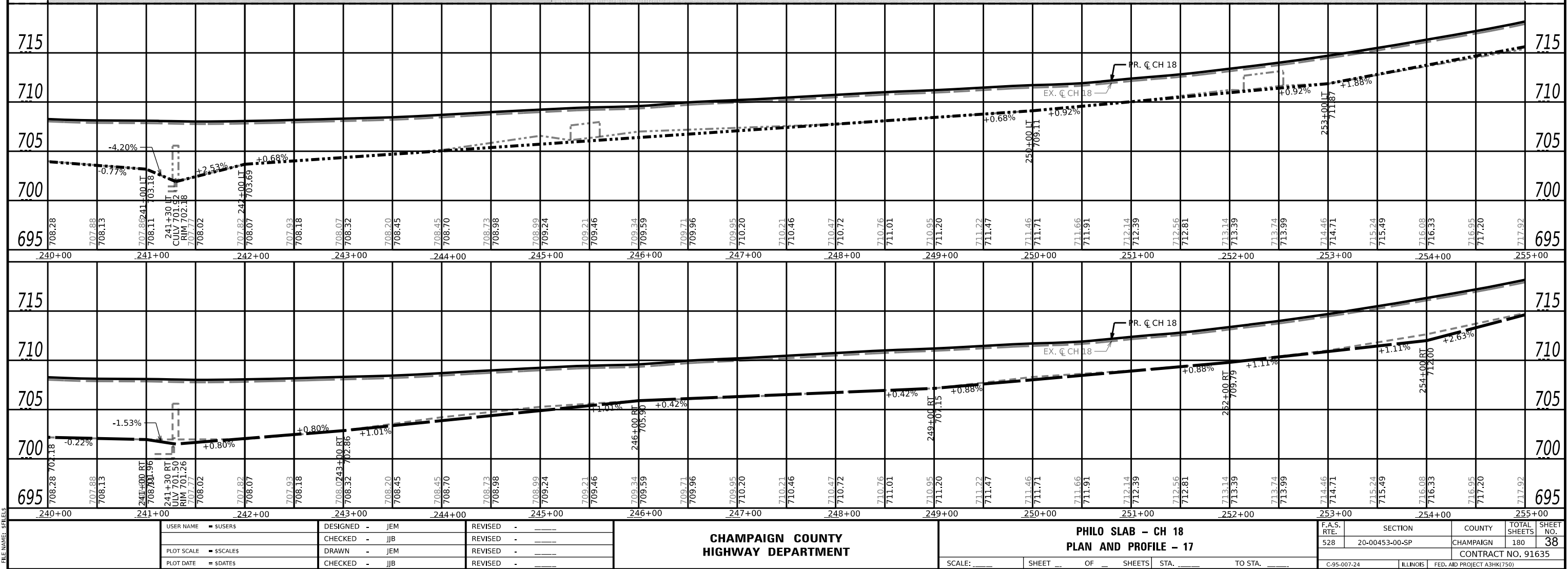
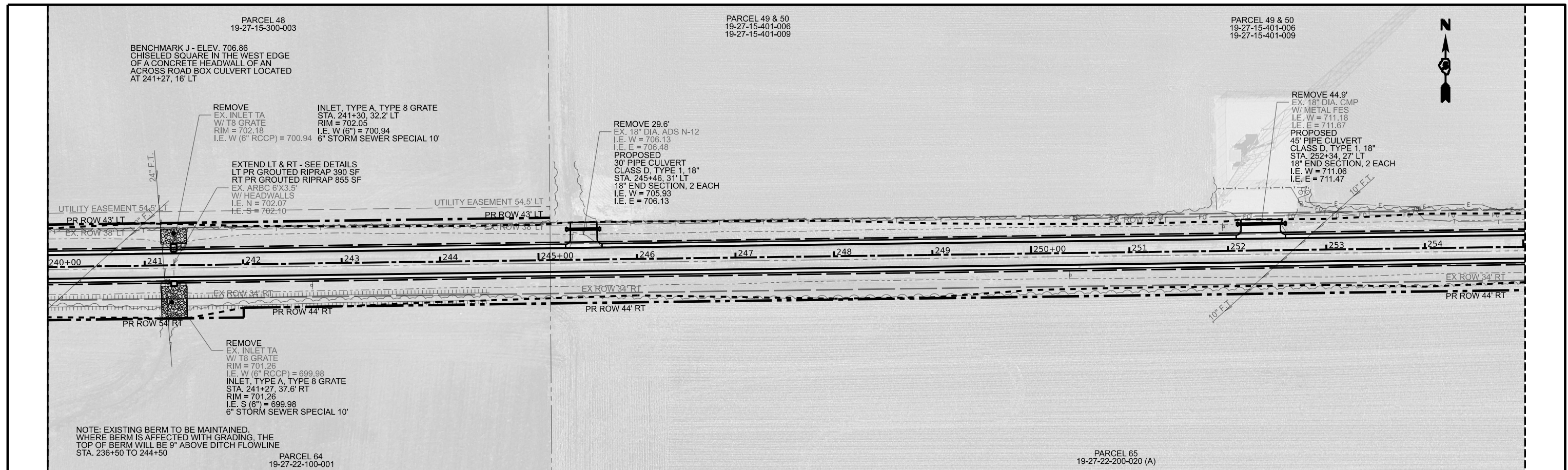
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PLOT DATE	= \$DATES\$	CHECKED	- JJJB	REVISED	-

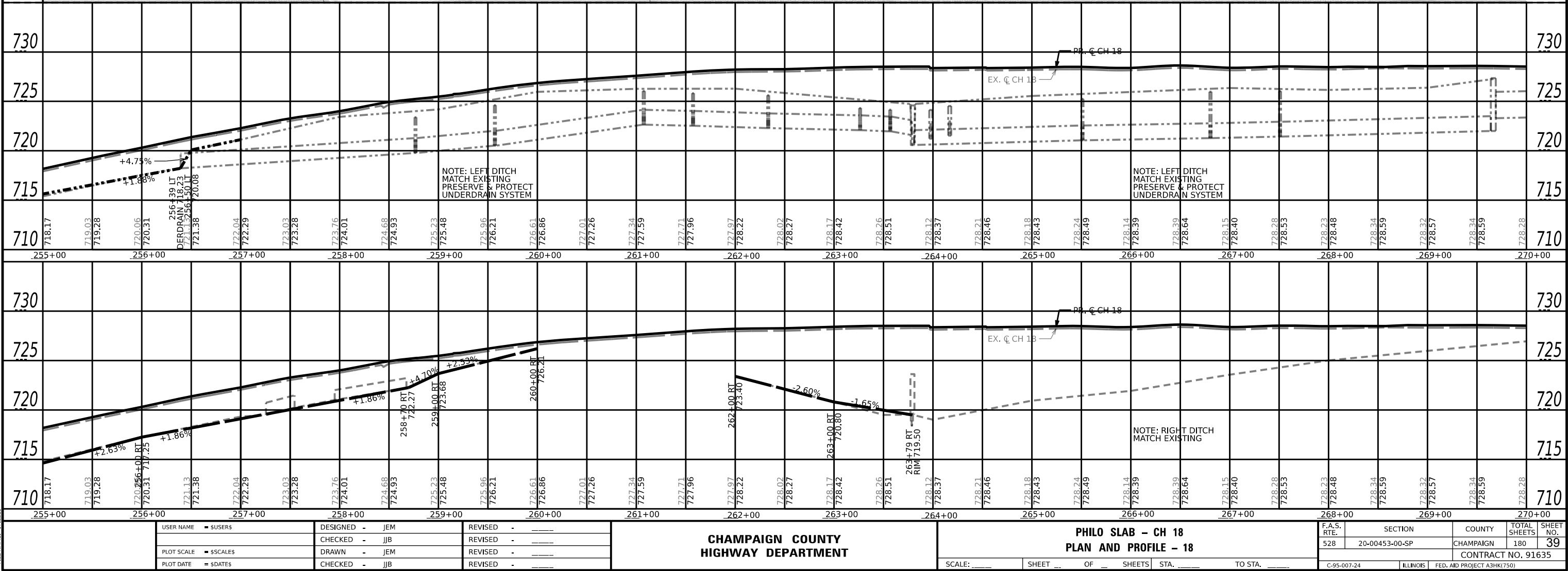
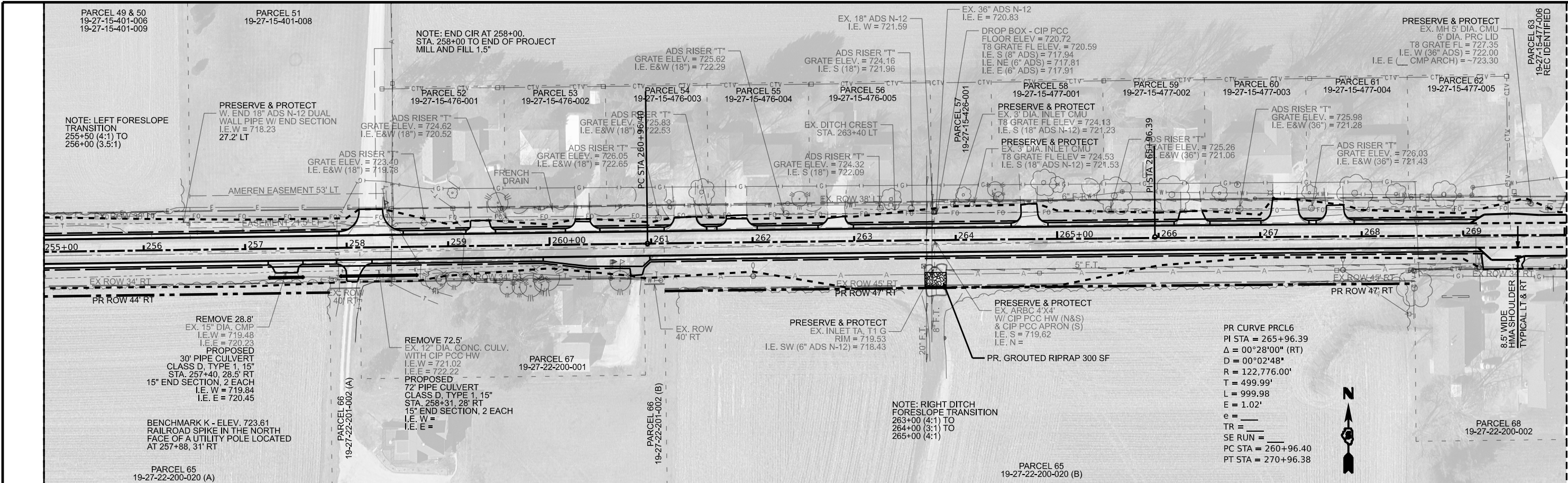
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

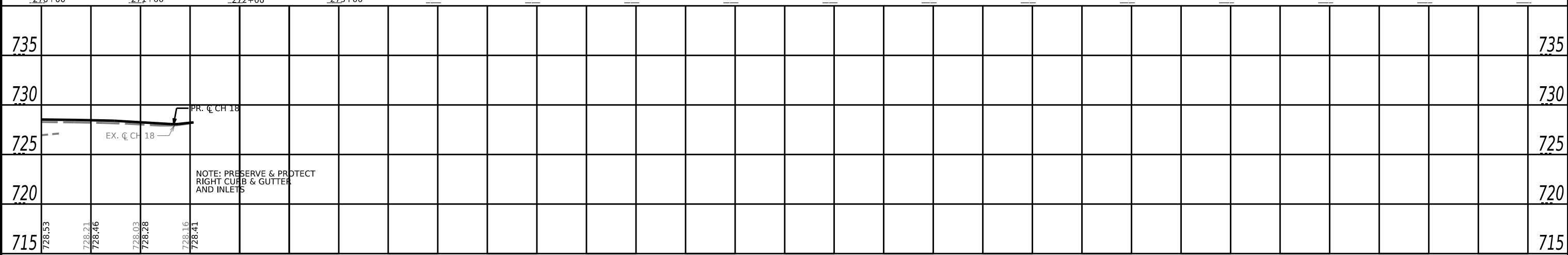
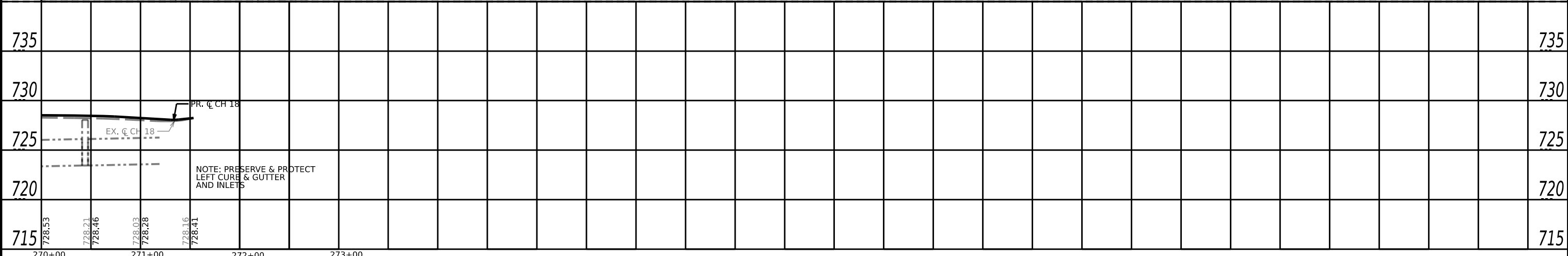
PHILO SLAB - CH 18
PLAN AND PROFILE - 16

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	37
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		







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

270+00		271+00		272+00		273+00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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to ordering materials



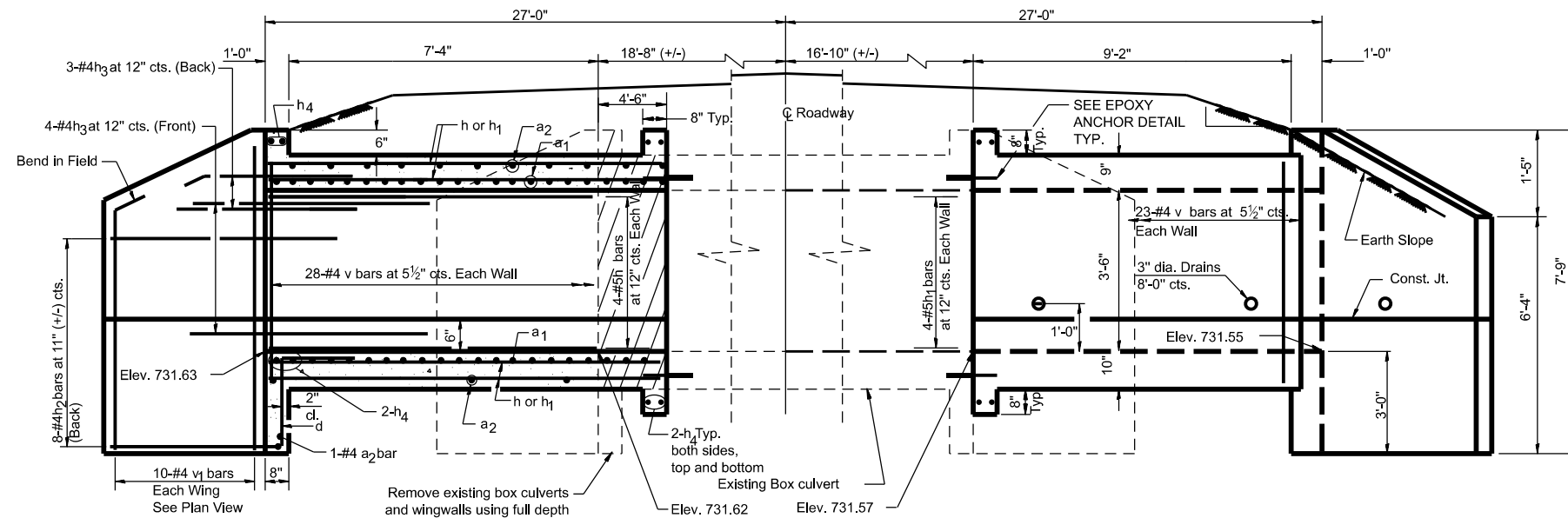
Membrane Waterproofing	Sq. Ft.	150
Concrete Box Culverts	Cu. Yd.	10.7
Reinforcement Bars	Pound	1980



NOTES

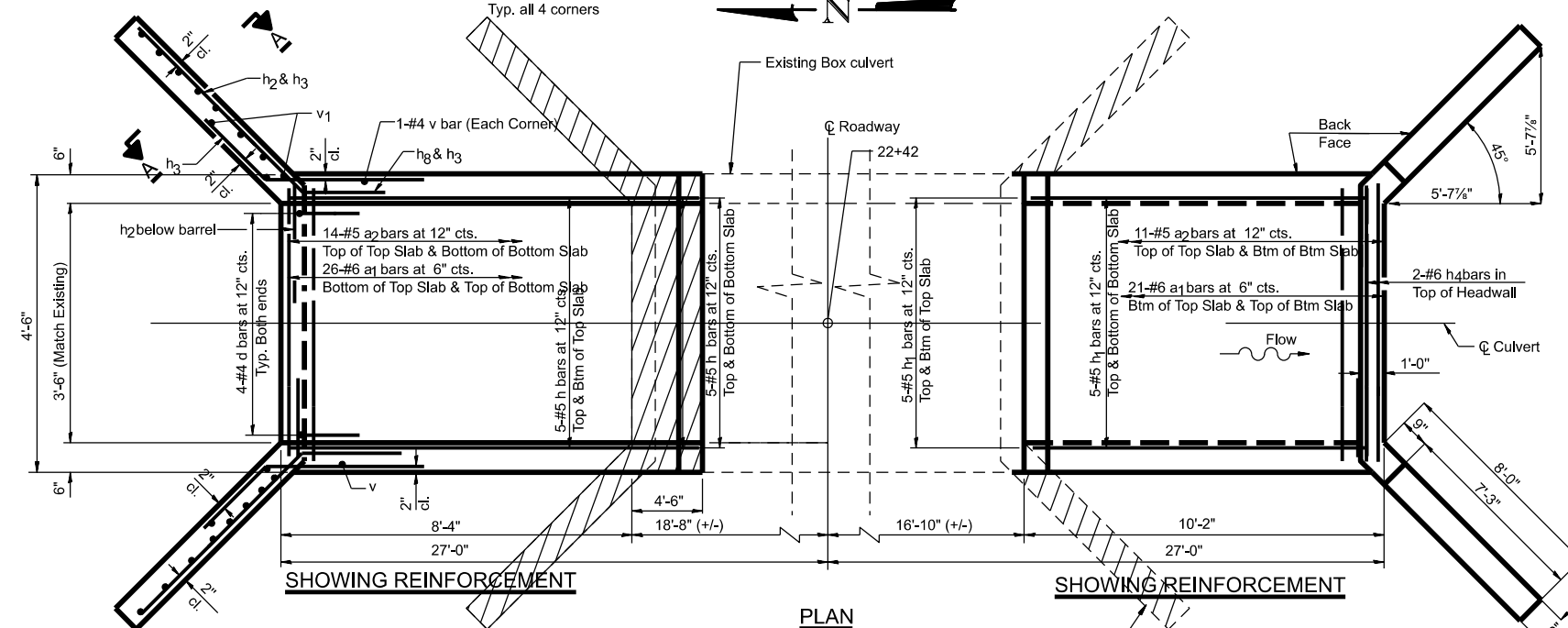
All construction joints shall be bonded.

FIELD VERIFY
All dimensions prior
to ordering materials



HALF LONG. SECTION

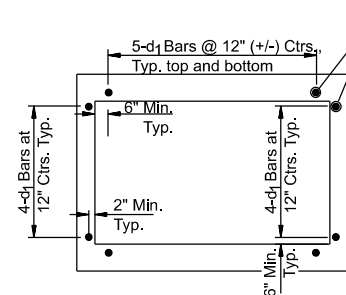
HALF ELEVATION



SHOWING REINFORCEMENT

SHOWING REINFORCEMENT

PLAN



EPOXY ANCHOR LOCATIONS

– #6 d₁Bars @ 12" Ctrs.
All d₁bars shall be epoxy grouted in
1" dia. x 9" deep drilled holes in
accordance with IDOT Section 584.
Cost for drilling and epoxy grouting
is included with Reinforcement Bars.
Turn hooks to maintain clearance.

Remove existing box culverts and wingwalls using full depth saw cut. Cost of removal and required saw cuts included with Concrete Box Culverts, Typ. all 4 corners

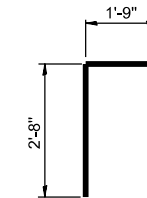
NOTES

A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.

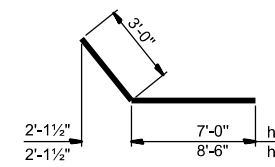
Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.

Bars indicated thus 12 x 4#5 etc. indicates 12 lines of bars with 4 lengths per line.

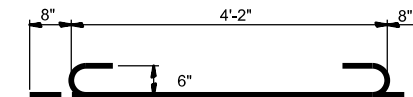
All construction joints shall be bonded.



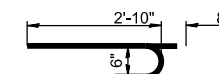
BAR c



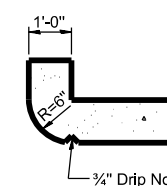
BARS h2& h3



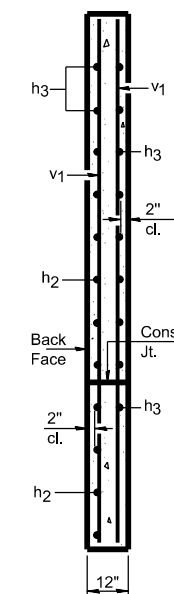
BAR a



BAR d



SECTION THRU HEADWALL
(Up Stream End Only)

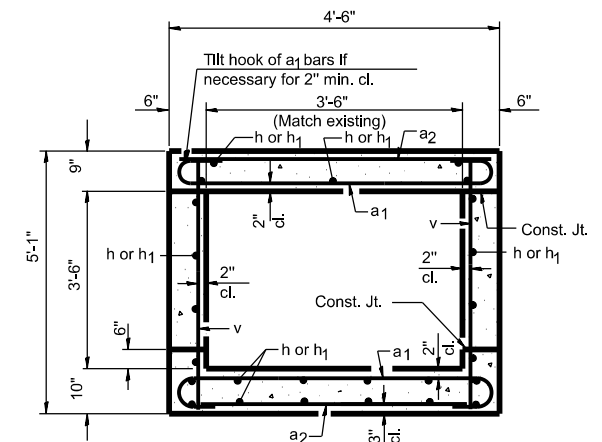


SECTION A-A

DESIGN STRESSES

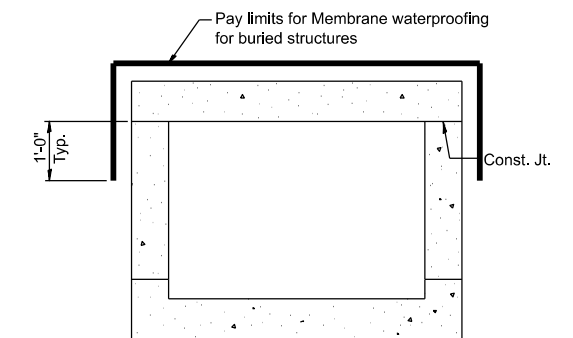
$f_y = 60,000 \text{ psi}$
 $f'_c = 4,000 \text{ psi}$

LOADING HL-93



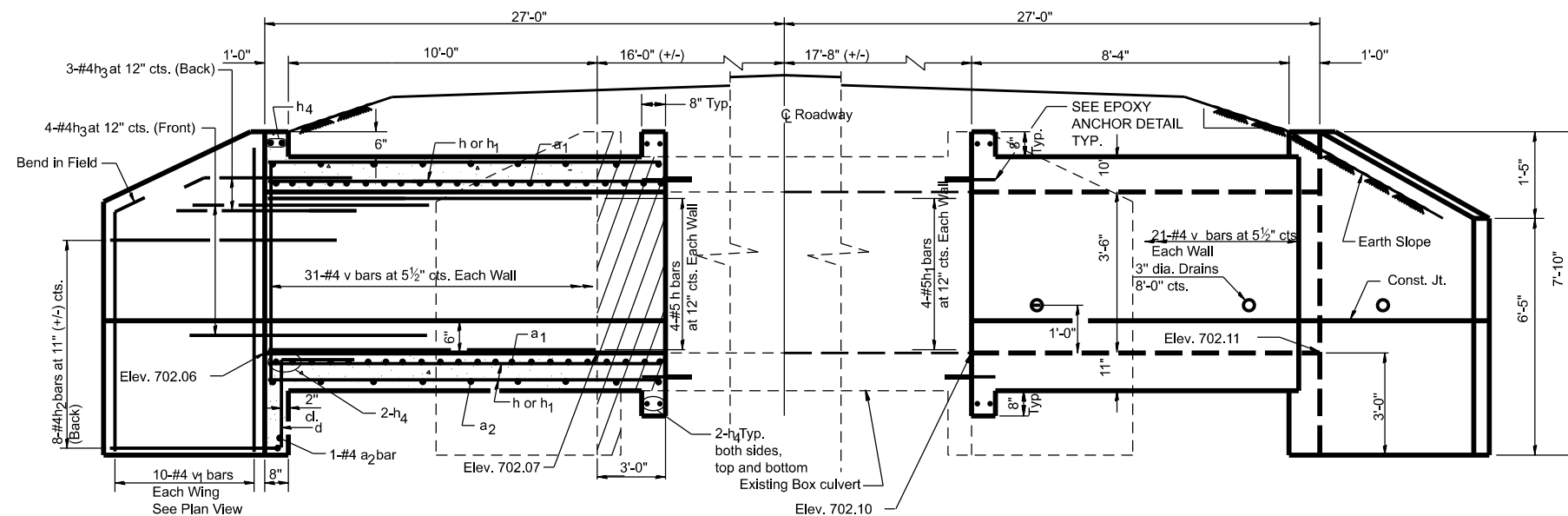
SECTION THRU BARREL

BILL OF MATERIAL

[illegible]

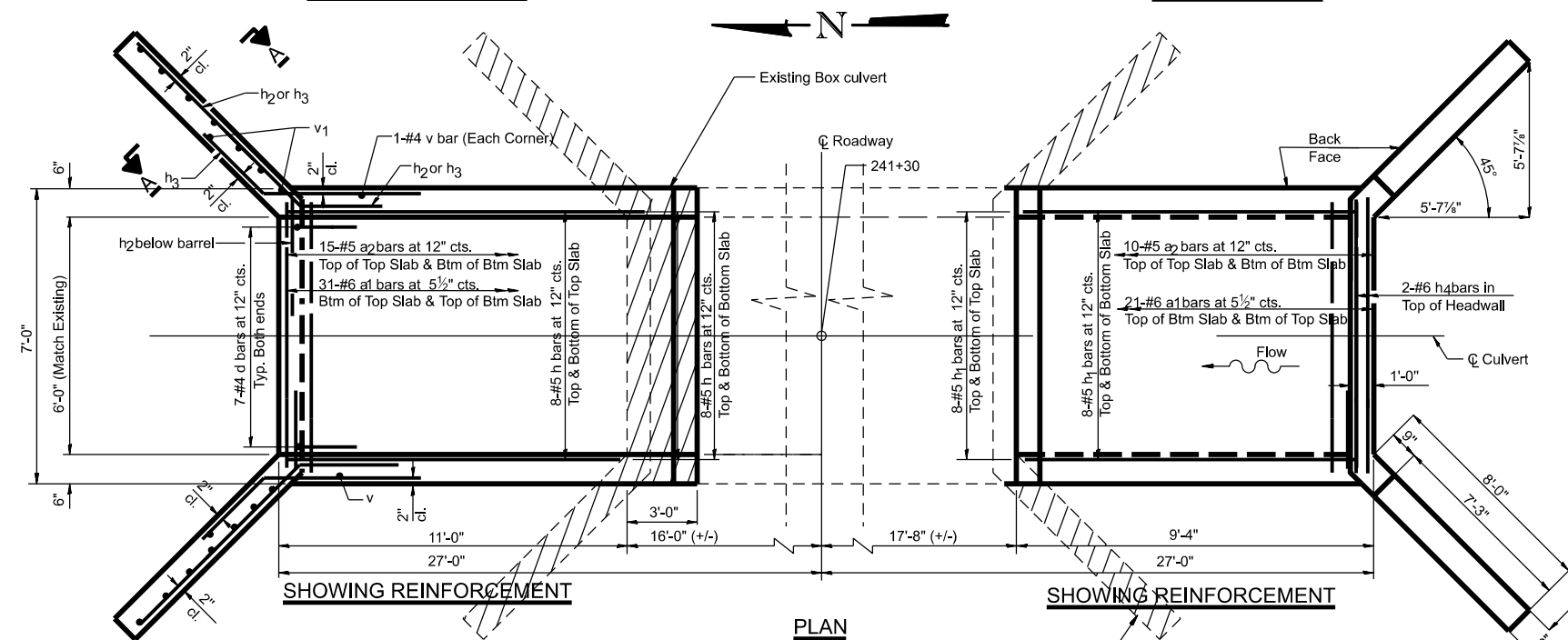
TYPICAL MEMBRANE WATERPROOFING

FIELD VERIFY
All dimensions prior
to ordering materials



HALF LONG. SECTION

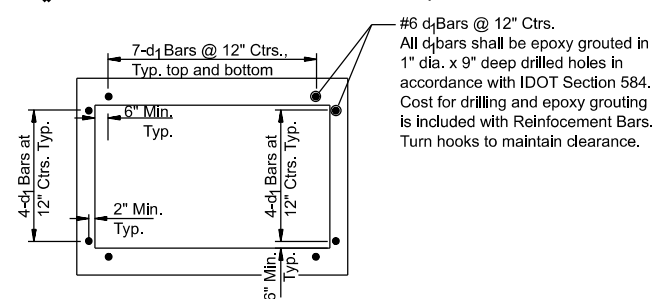
HALF ELEVATION



SHOWING REINFORCEMENT

SHOWING REINFORCEMENT

PLAN



EPOXY ANCHOR LOCATIONS

Remove existing wingwalls using full depth saw cut. Cost of wingwall removal and required saw cuts included with Concrete Box Culverts, Typ. all 4 corners

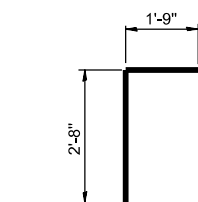
NOTES

A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.

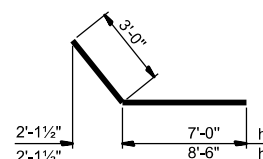
Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.

Bars Indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.

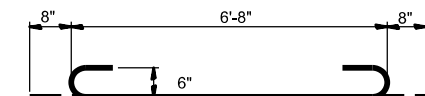
All construction joints shall be bonded.



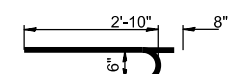
BAR d



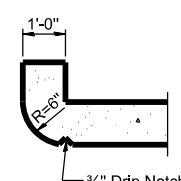
BARS h2& h3



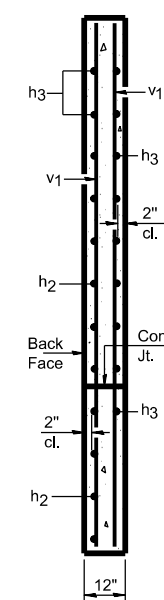
BAR a



BAR d-



SECTION THRU HEADWALL
(Up Stream End Only)

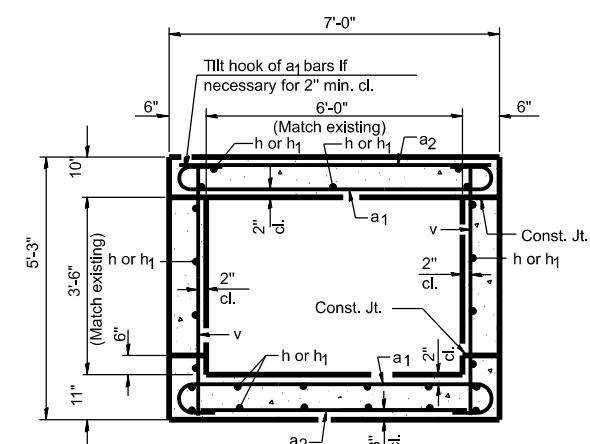


SECTION A-A

DESIGN STRESSES

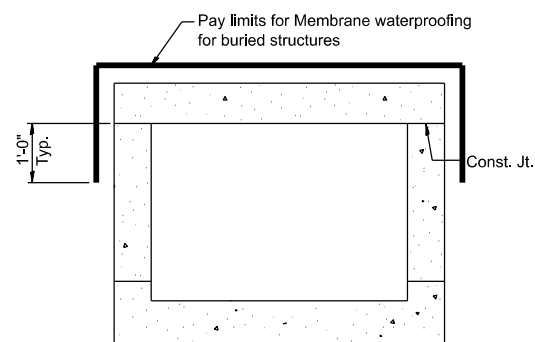
$f_y = 60,000 \text{ psi}$
 $f'_c = 4,000 \text{ psi}$

LOADING HL-93

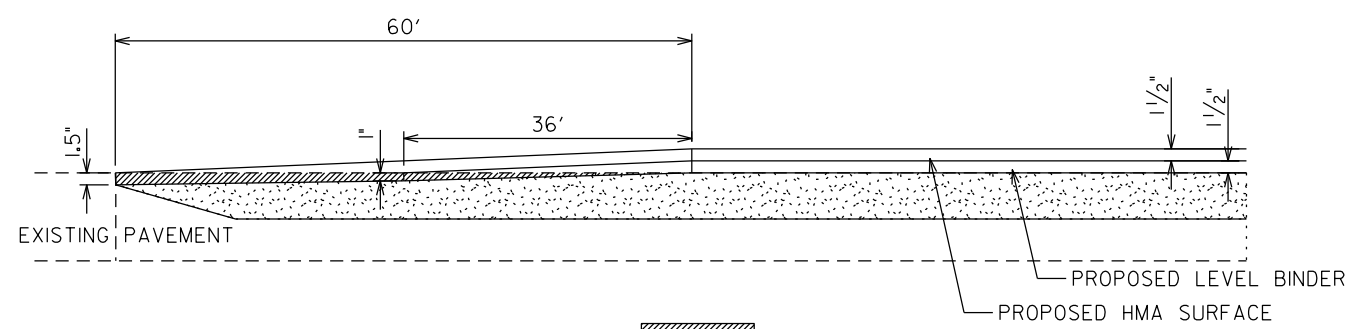


SECTION THRU BARREL

BILL OF MATERIAL

[illegible]

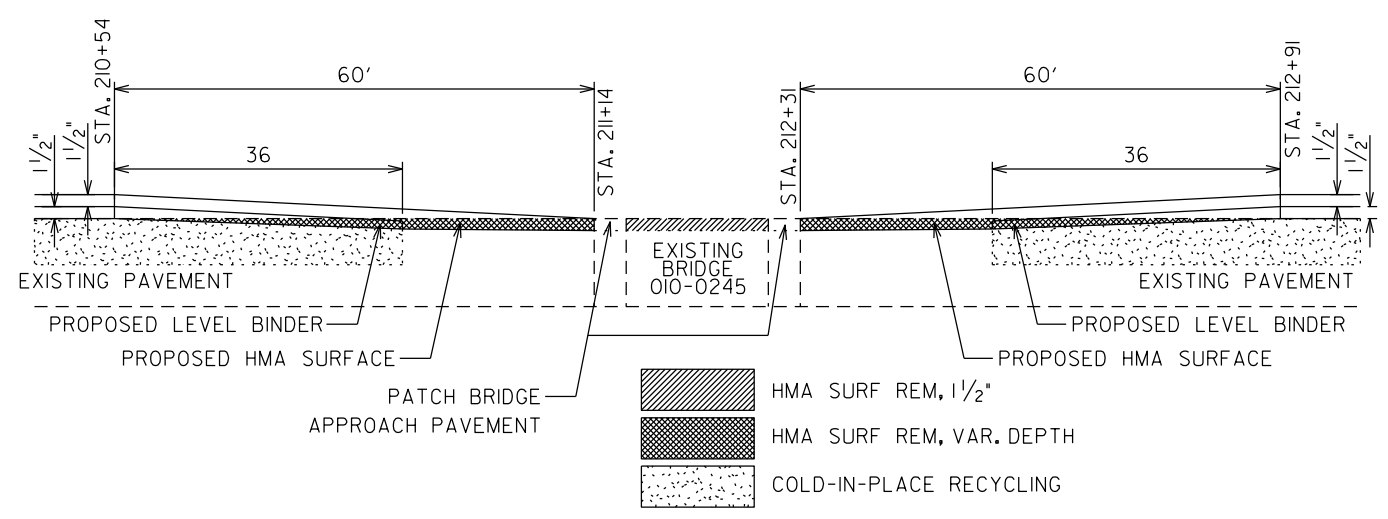
TYPICAL MEMBRANE WATERPROOFING



CH 18 MAINLINE BUTT JOINT LOCATIONS:
 STA. 1+37 BEGINNING NEAR RAILROAD TRACKS AT US ROUTE 45
 STA. 120+93 STRUCTURE OMISSION
 STA. 122+82 STRUCTURE OMISSION
 STA. 211+14 STRUCTURE BRIDGE APPROACH PAVEMENT
 STA. 212+31 STRUCTURE BRIDGE APPROACH PAVEMENT
 STA. 273+53 ENDING NEAR IL ROUTE 130

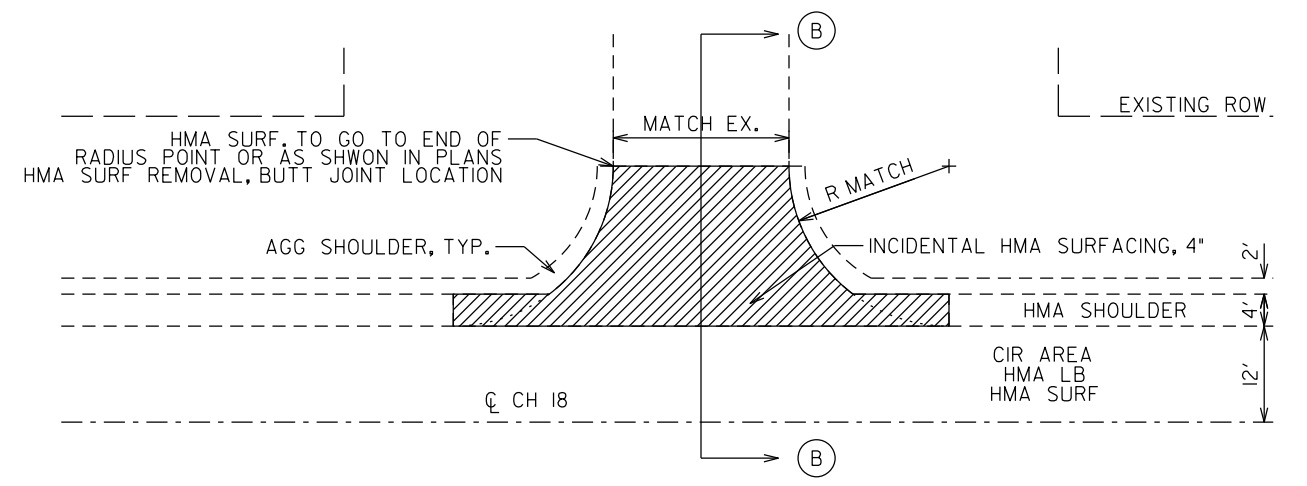
- HMA SURF REM BUTT JT.
- COLD-IN-PLACE RECYCLING

MAINLINE BUTT JOINT DETAIL
 SECTION ALONG C_L OF ROAD
 NOT TO SCALE

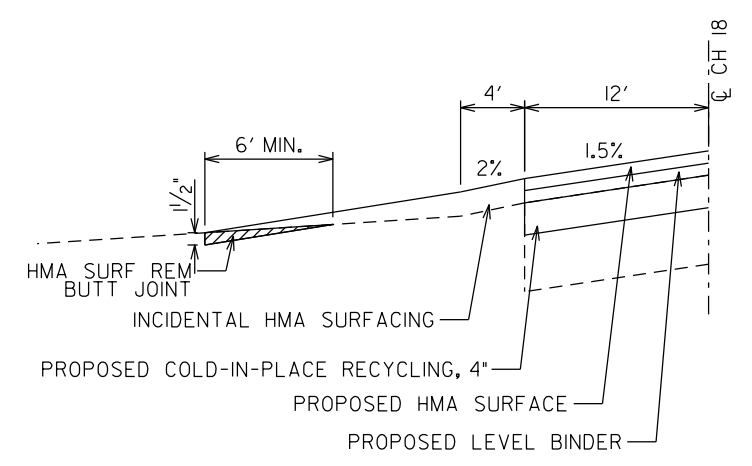


- HMA SURF REM, 1 1/2"
- HMA SURF REM, VAR. DEPTH
- COLD-IN-PLACE RECYCLING

PAVING TRANSITION NEAR STRUCTURE 010-0245
 SECTION ALONG C_L OF ROAD
 NOT TO SCALE



PLAN VIEW



B-B CROSS-SECTION

TYPICAL DETAIL OF SIDE ROAD
 NOT TO SCALE

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

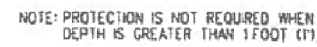
USER NAME = \$USERS\$	DESIGNED - JEM	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JJB	REVISED -
PLOT DATE = \$DATES\$	DRAWN - JEM	REVISED -
	CHECKED - JJB	REVISED -

**CHAMPAIGN COUNTY
 HIGHWAY DEPARTMENT**

**PHILO SLAB - CH 18
 DETAILS: PAVING AND SIDE ROADS**

SCALE: _____	SHEET ____ OF ____ SHEETS	STA. _____ TO STA. _____
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	44
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

[illegible]

The technical drawing illustrates the design of an extension collar for a 6-inch O.D. pipe. It consists of three views: a front view, a side view, and a detail of the U-bar.

- FRONT VIEW:** Shows a square collar with a central circular hole for the 6" O.D. PIPE. The collar has a 3" CL. (clearance) on all four sides. Four U-BARS are positioned around the collar, with a 1" CL. (clearance) between the U-bar and the collar. The overall HEIGHT and WIDTH are indicated.
- SIDE VIEW:** Shows the collar with a 2'-0" length. The U-BARS are spaced 6" apart. The collar has a 6" thickness. The U-BARS are labeled as 1/4" U BARS. The existing pipe is labeled as EXIST. PIPE and the proposed pipe as PROP. PIPE.
- U-BAR:** A detail view of the U-bar showing its dimensions: a width of 1" and a height of 3/4".

3/4" CAST IRON GRATE
WITH 1" DIAMETER HOLE
IN CENTER

6"

9" - 15"

ROADWAY PRIVATE PROPERTY

RISER

P.O.W.

FILL JOINTS WITH CEMENT
MORTAR, HAND TAMP SOIL
AROUND RISER WHEN
MORTAR HAS SET

STORM SEWER SPECIAL

ADD PIPE AS REQUIRED
BY DEPTH

INSPECTION WELLS

FLOW

EXISTING FIELD LIFT

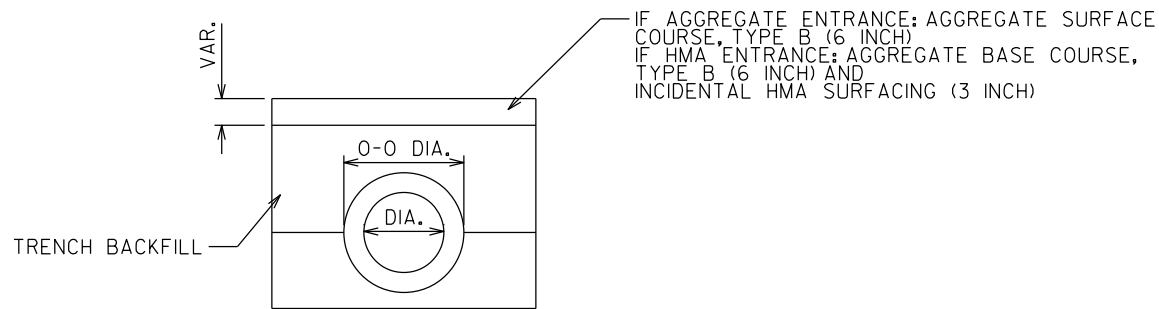
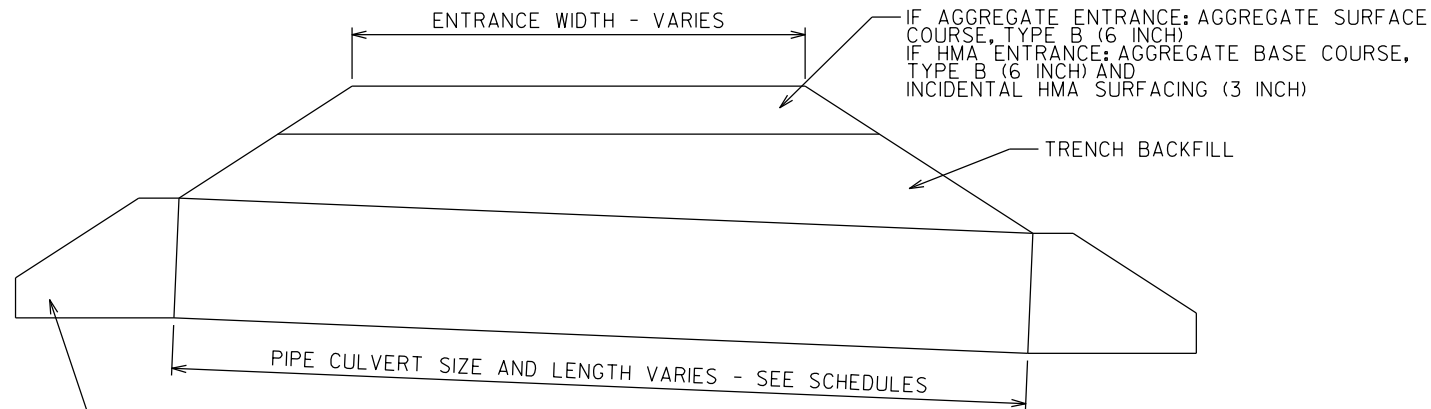
STANDARD DIAMETERS	
STORM SEWER	RISER
6"	6"
8"	6"
10"	8"
12"	10"
OR GREATER	

1. WHERE STORM SEWER CROSSES R-O-W, INSPECTION WELLS SHALL BE PLACED 6" INSIDE OF R-O-W LINE ON EACH SIDE.
2. STORM SEWER RISERS AND GRATES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER EACH INSPECTION WELLS AND THE TYPE AND SIZE SPECIFIED PER FOOT FOR STORM SEWER SPECIAL.

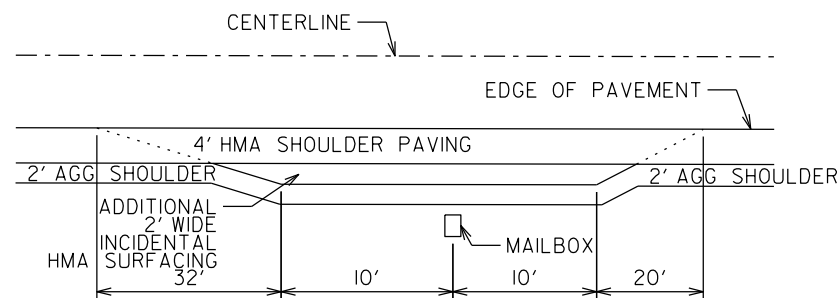
CUL.V. SIZE DIA. IN.	EXTENSION COLLAR		U BAR	
	WIDTH FEET	HEIGHT FEET	DIMEN. "X"	DIMEN. "X"
12"	2'-4"	2'-4"	1'-6"	1'-0"
15"	2'-7½"	2'-7½"	1'-9"	2'-1"
18"	2'-11"	2'-11"	2'-0"	2'-5"
21"	3'-2½"	3'-2½"	2'-2"	2'-8"
30"	4'-1"	4'-1"	2'-8"	3'-7"
35"	4'-8"	4'-8"	3'-0"	4'-2"

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

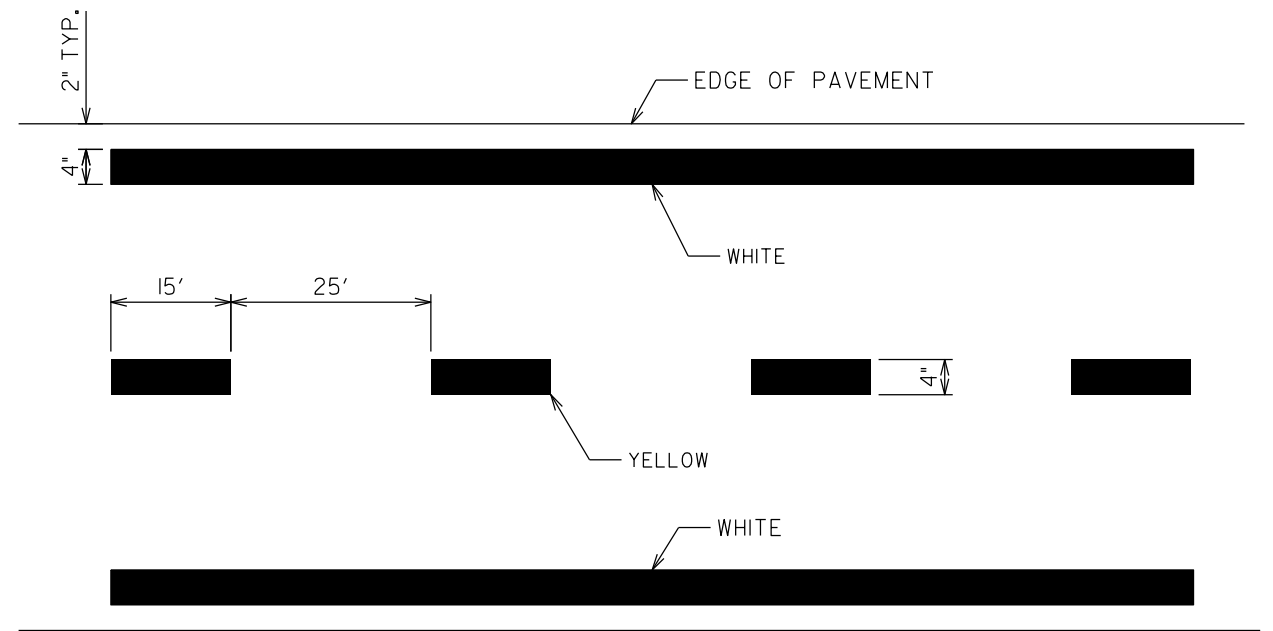
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	47
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK1(750)		



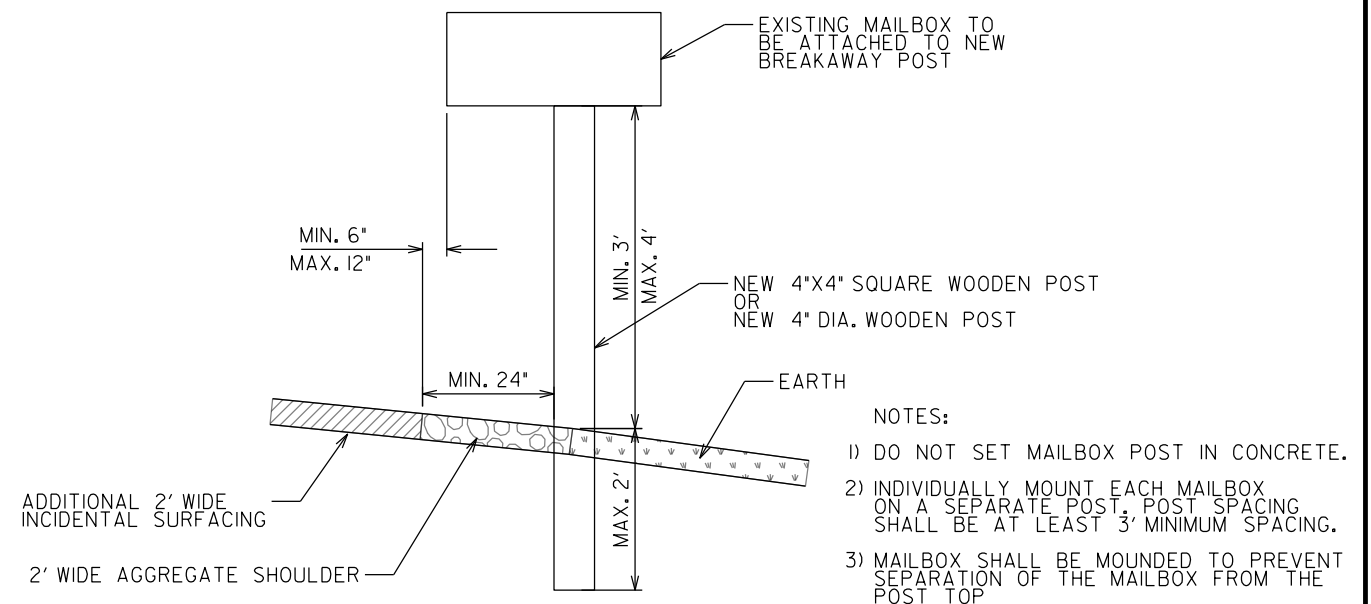
PIPE CULVERTS, CLASS D
NOT TO SCALE



TYPICAL MAILBOX TURNOUT DETAIL
NOT TO SCALE



LANE AND EDGE LINE PAVEMENT MARKING
NOT TO SCALE



MAILBOX BREAKAWAY POST DETAIL
NOT TO SCALE

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

USER NAME = \$USERS\$	DESIGNED - JEM	REVISED - _____
PLOT SCALE = \$SCALE\$	CHECKED - JJB	REVISED - _____
PLOT DATE = \$DATES\$	DRAWN - JEM	REVISED - _____
	CHECKED - JJB	REVISED - _____

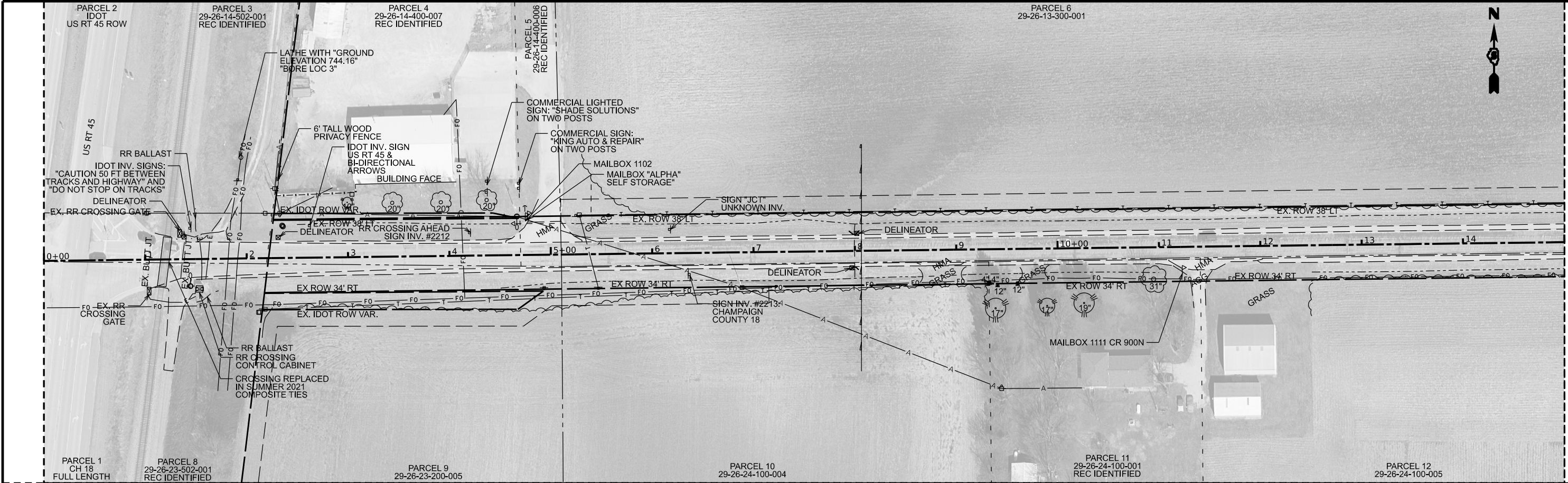
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
DETAILS: PIPE CULVERTS, MAILBOXES & PAINT MARKINGS

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	48
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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



PROFILE	SURVEYED	DATE
	BY	
NOTE BOOK	PLOTTED	
	CHECKED	
NO.	FILED	
	FILE NAME	



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

USER NAME	= \$USERS\$	DESIGNED	- JEM	REVISED	-
		CHECKED	- JJB	REVISED	-
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	-
PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	-

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
EXISTING SHEETS - 1

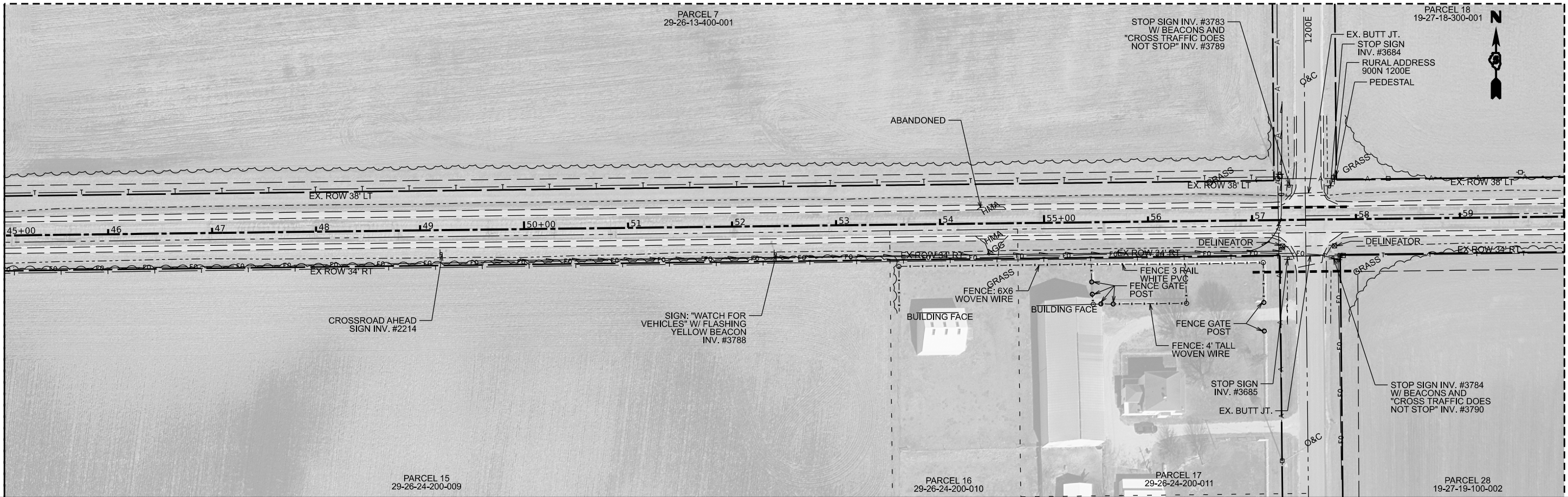
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	49
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED AS BUILT CADD FILE NAME	BY	DATE
NOTE BOOK NO.			



PROFILE	SURVEYED PLOTTED GRADES CHECKED AS BUILT STRUCTURE NOTATIONS CHKD	BY	DATE
NOTE BOOK NO.			



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

USER NAME	= \$USERS	DESIGNED	- JEM	REVISED	-
		CHECKED	- JJB	REVISED	-
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	-
PLOT DATE	= \$DATES	CHECKED	- JJB	REVISED	-

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
EXISTING SHEETS - 2

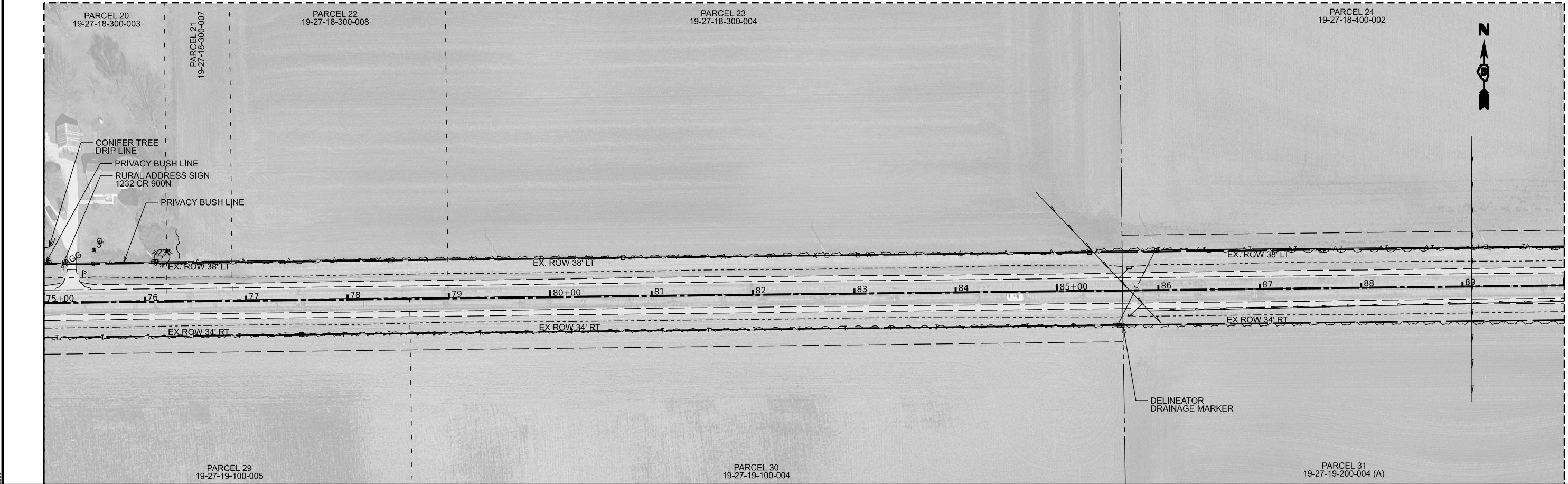
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	50
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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



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



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

USER NAME	= \$USERS\$	DESIGNED	- JEM	REVISED	- _____
		CHECKED	- JJB	REVISED	- _____
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	- _____
PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	- _____

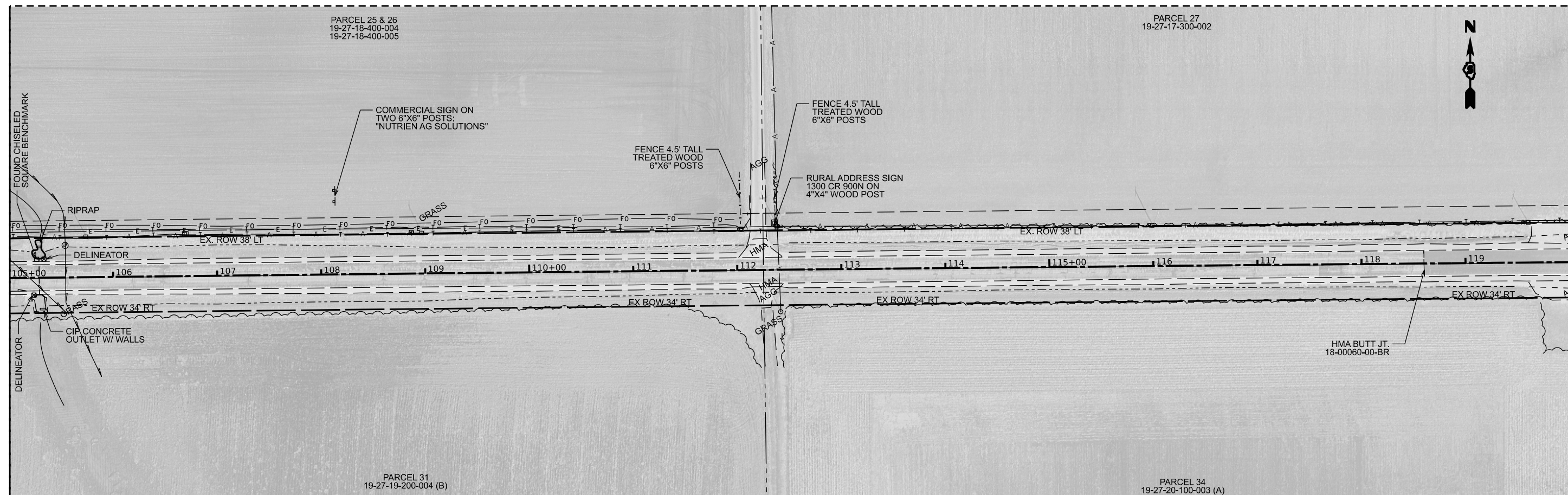
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
EXISTING SHEETS - 3

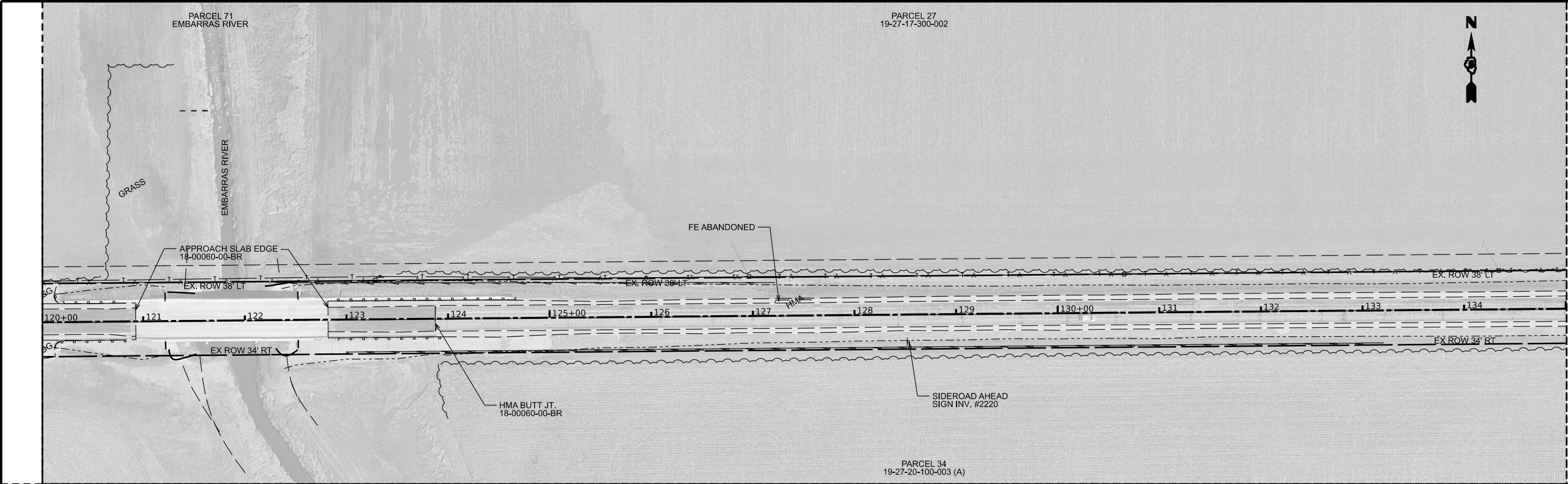
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	51
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

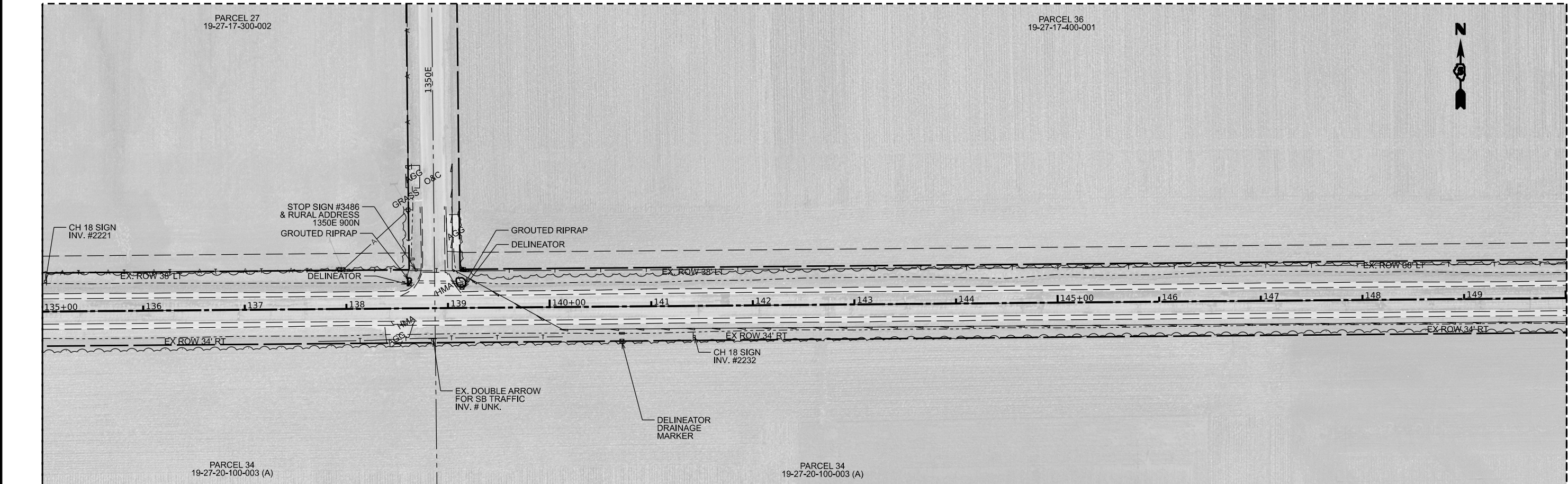
PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHK'D _____		
NOTE BOOK _____			
NO. _____			



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	AS SHOWN	
	CADD FILE NAME	
NOTE BOOK NO.		



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	AS SHOWN	
	STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.		



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

USER NAME	= \$USERS	DESIGNED	- JEM	REVISED	- _____
		CHECKED	- JJB	REVISED	- _____
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	- _____
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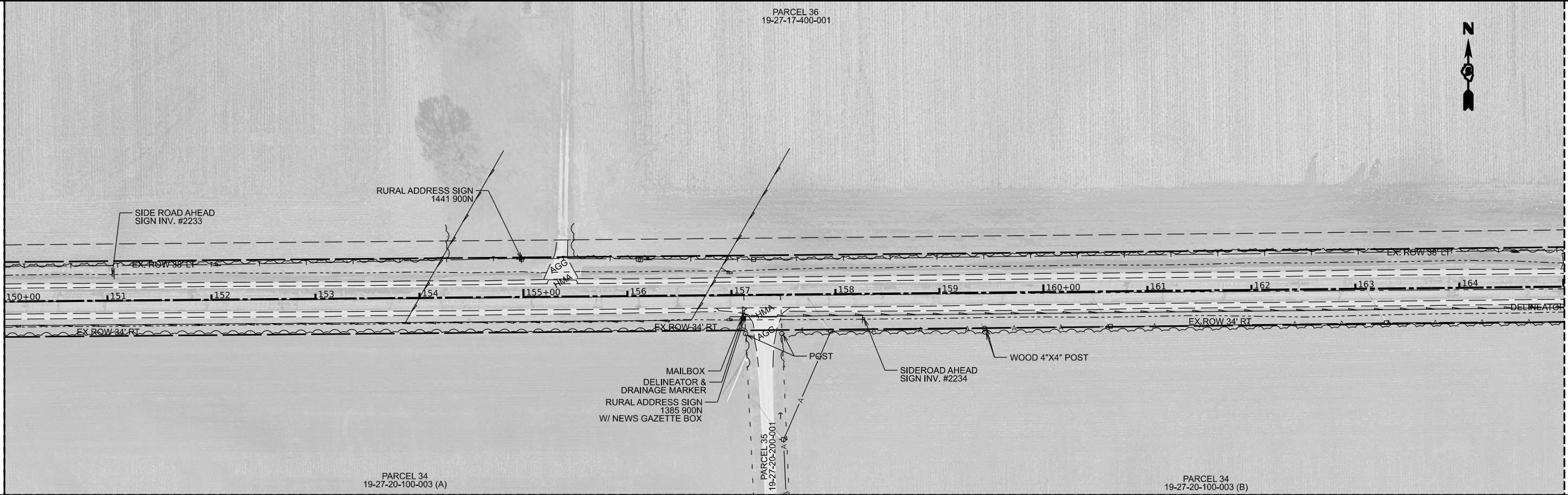
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
EXISTING SHEETS - 5

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	53
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	AS NOTED		
NOTE BOOK NO.	CADD FILE NAME		



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



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

USER NAME	= \$USERS	DESIGNED	- JEM	REVISED	- _____
		CHECKED	- JJB	REVISED	- _____
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	- _____
PLOT DATE	= \$DATES	CHECKED	- JJB	REVISED	- _____

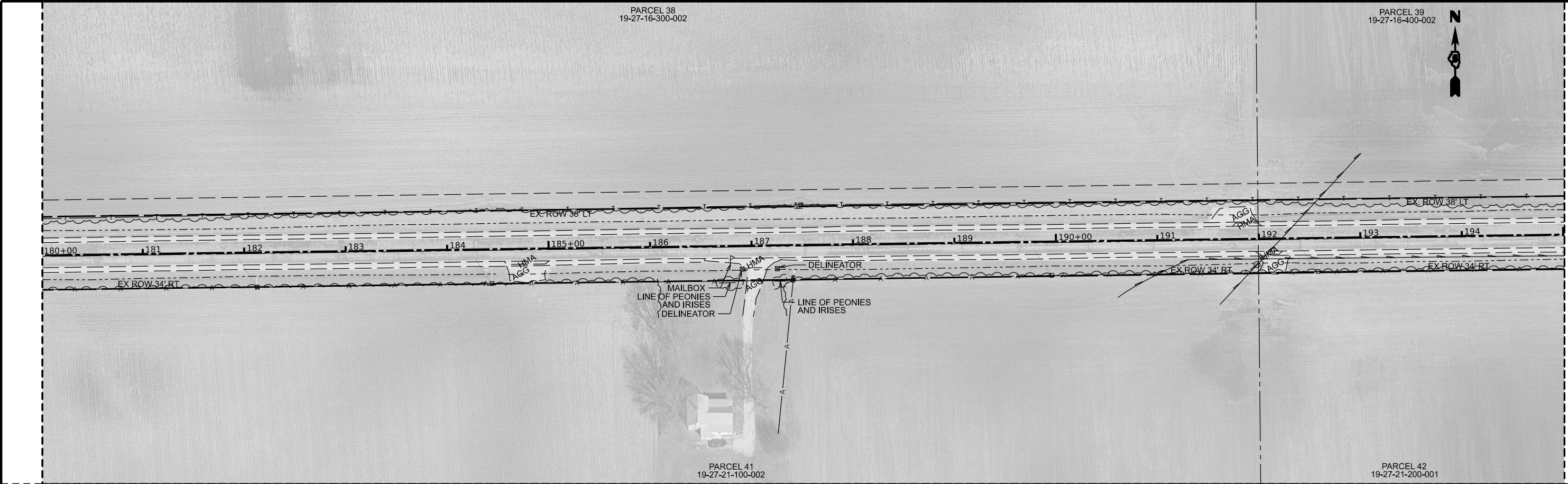
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
EXISTING SHEETS - 6

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	54
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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



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



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

USER NAME	= \$USERS\$	DESIGNED -	JEM	REVISED -	_____
		CHECKED -	JJB	REVISED -	_____
PLOT SCALE	= \$SCALE\$	DRAWN -	JEM	REVISED -	_____
PLOT DATE	= \$DATES\$	CHECKED -	JJB	REVISED -	_____

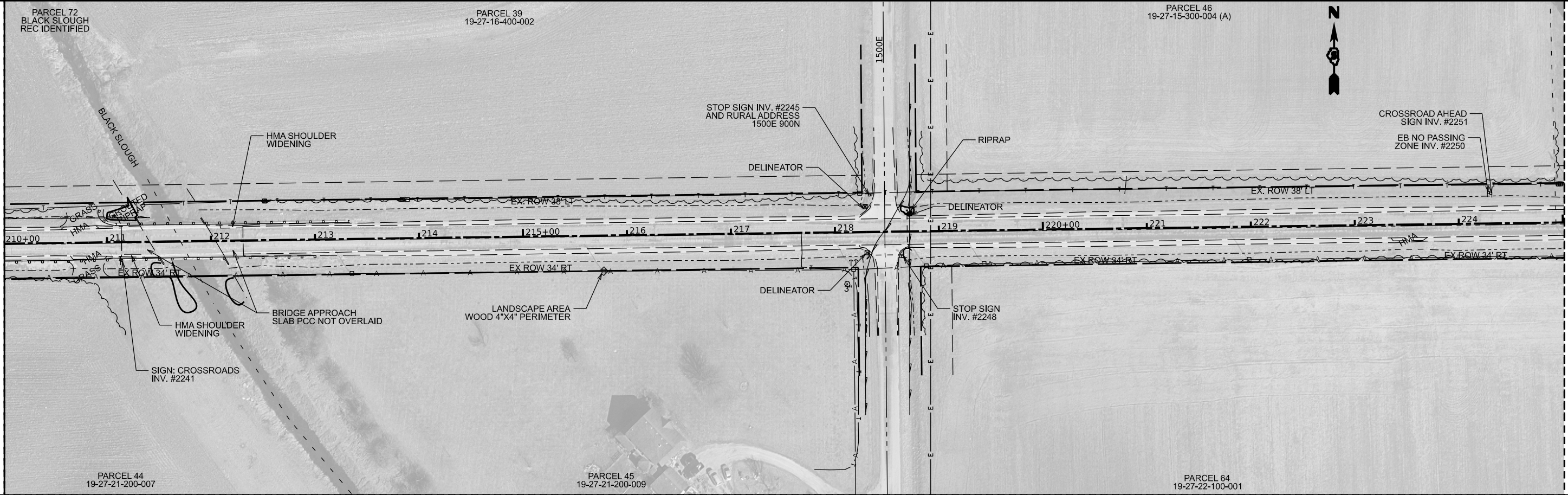
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
EXISTING SHEETS - 7

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	55
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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



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



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

USER NAME	= \$USERS\$	DESIGNED -	JEM	REVISED -	_____
		CHECKED -	JJB	REVISED -	_____
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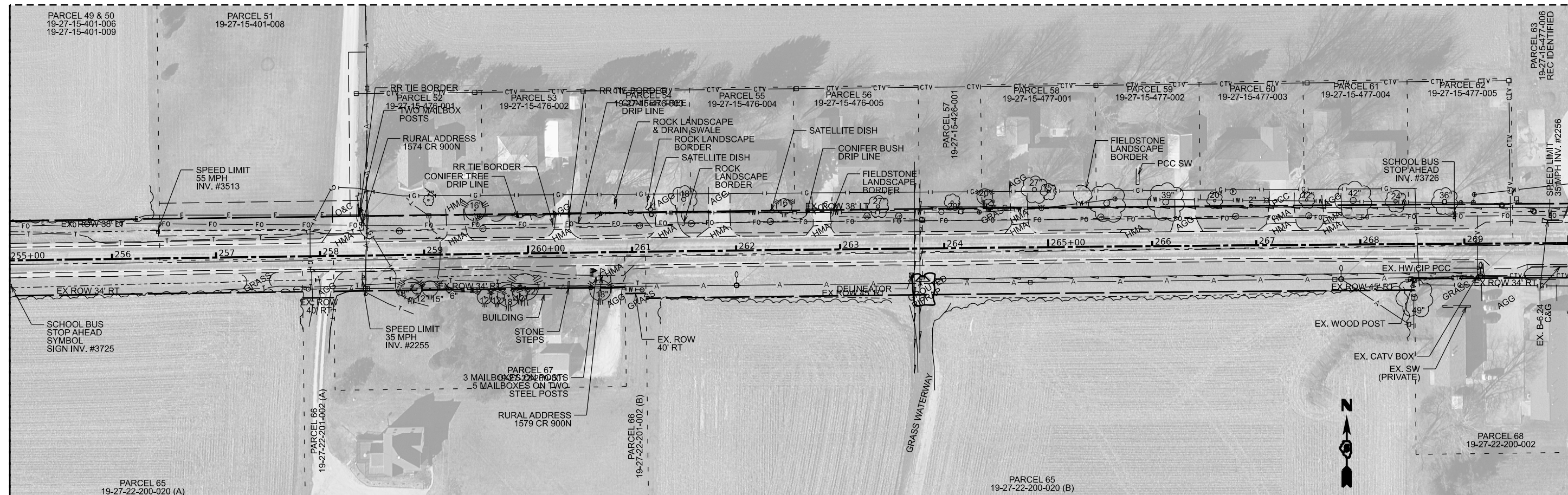
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
EXISTING SHEETS - 8

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

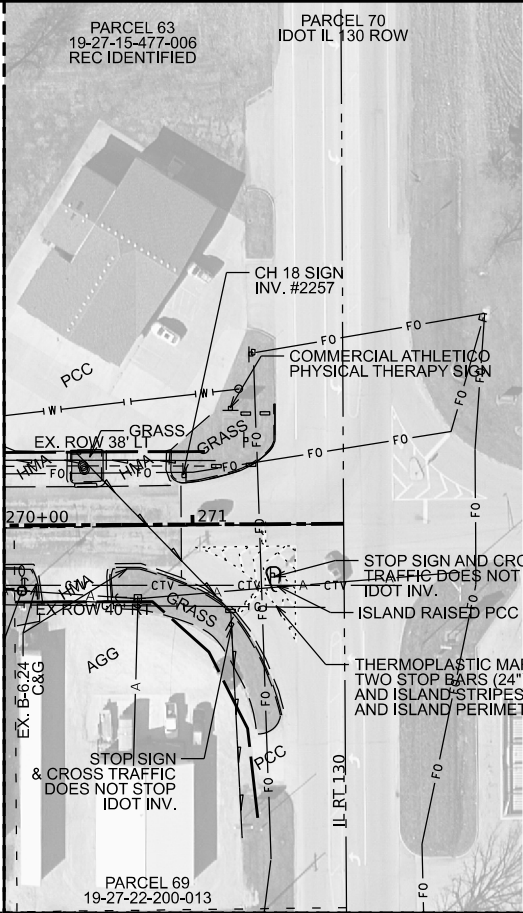
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	56
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	57
		CONTRACT NO. 91635		
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	FIELD FILE NAME		
NOTE BOOK NO.			



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

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

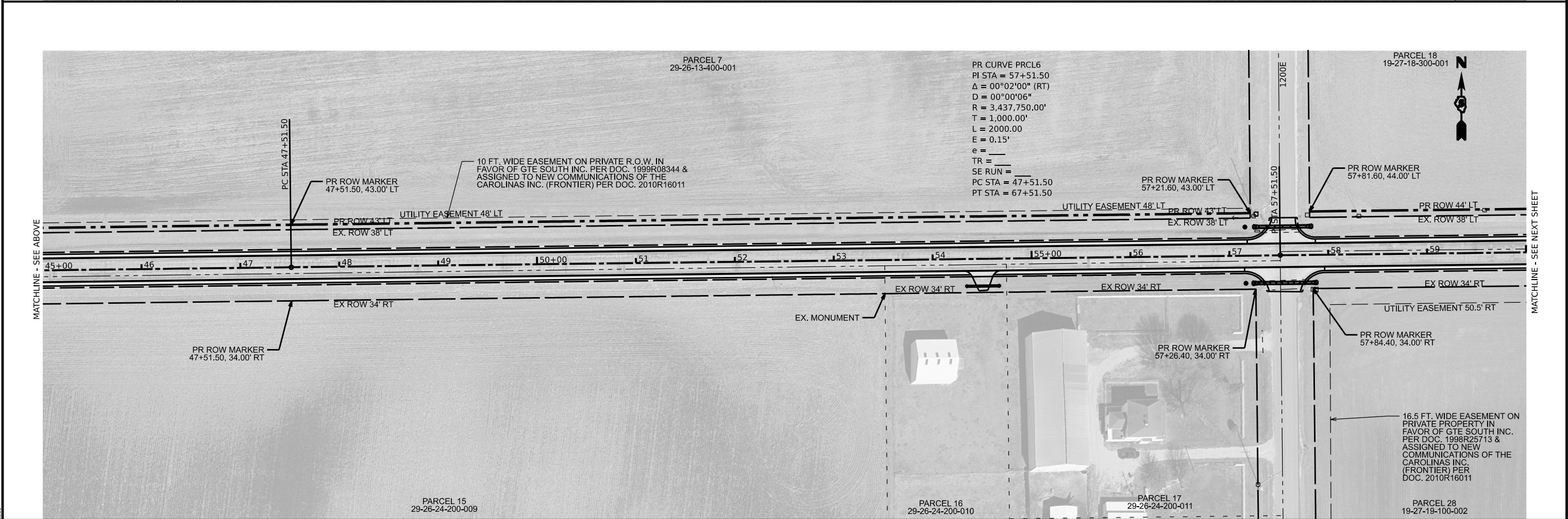
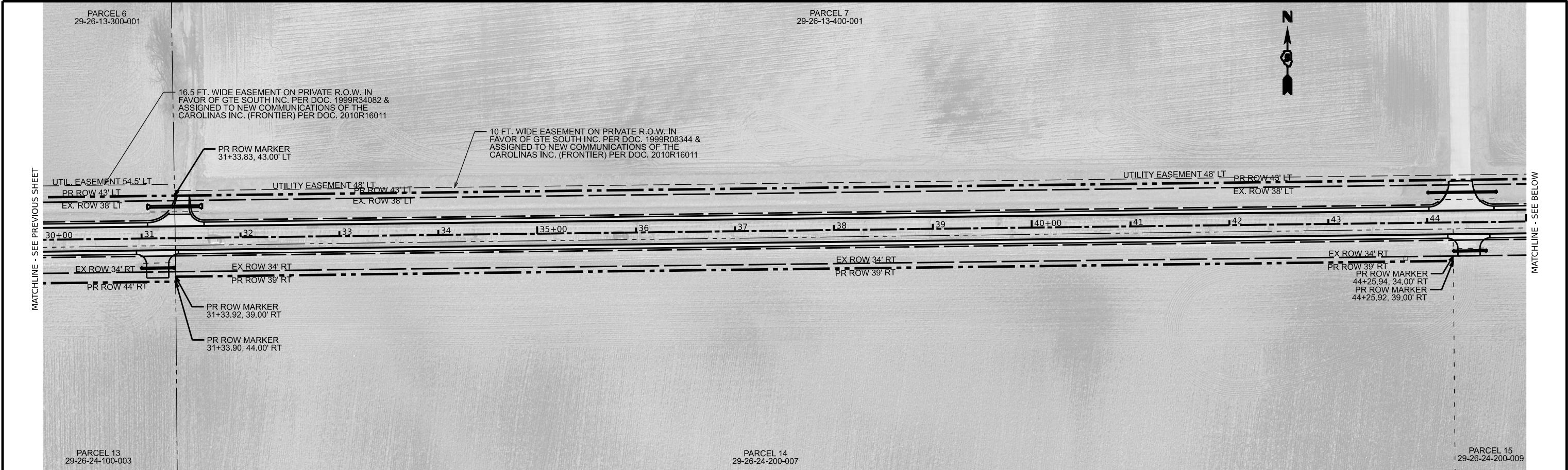
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PLOT DATE = \$DATES\$	CHECKED - JJB	REVISED - _____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
EXISTING SHEETS - 10

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	58
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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

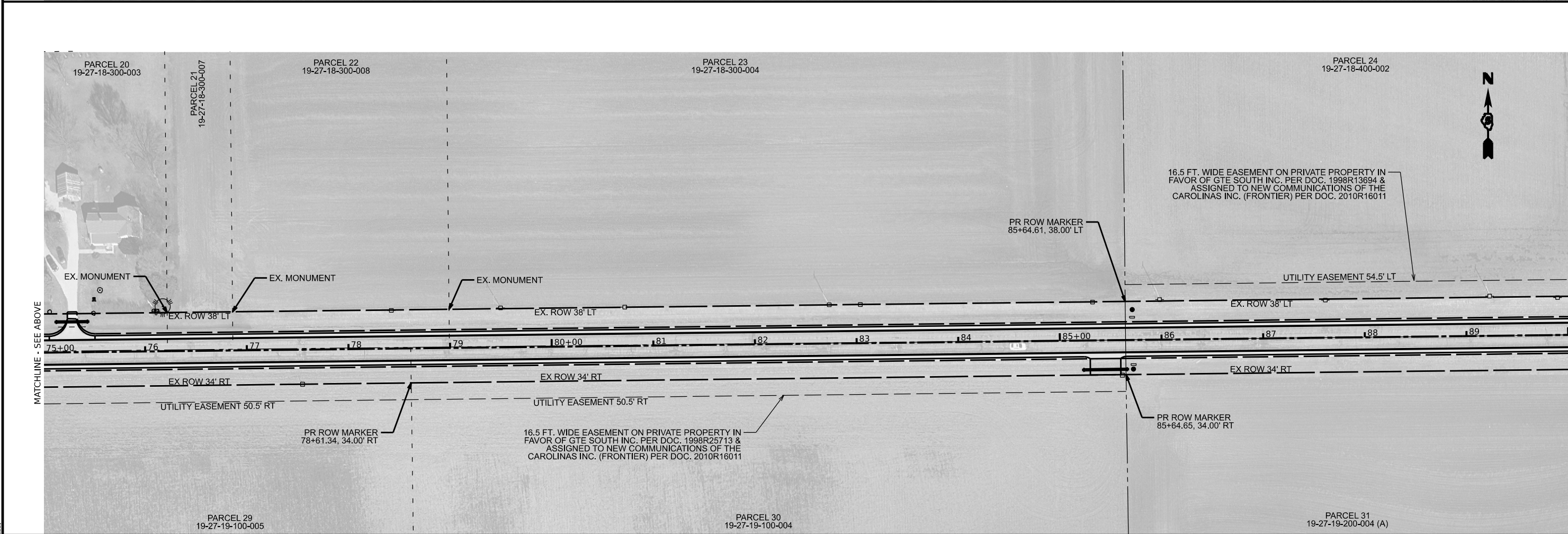
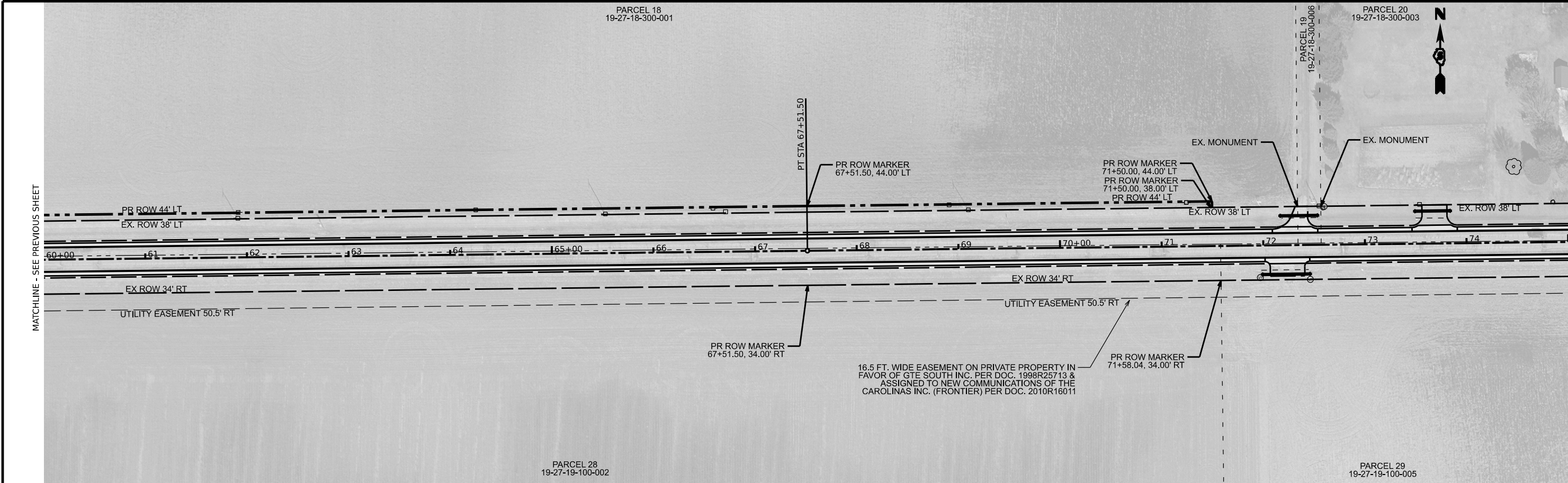
USER NAME	= \$USERS	DESIGNED	- JEM	REVISED	- _____
		CHECKED	- JJB	REVISED	- _____
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	- _____
PLOT DATE	= \$DATES	CHECKED	- JJB	REVISED	- _____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
ROW SHEETS - 2

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	60
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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

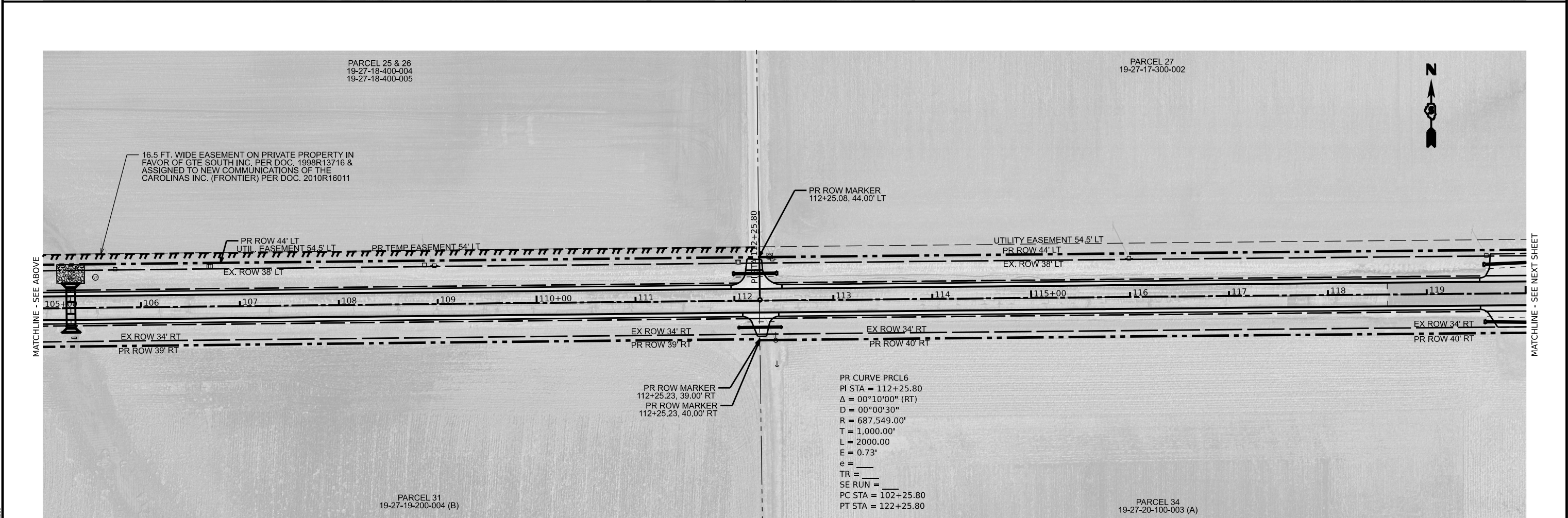
USER NAME	= \$USERS\$	DESIGNED	- JEM	REVISED	- _____
		CHECKED	- JJB	REVISED	- _____
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	- _____
PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	- _____

**CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT**

**PHILO SLAB - CH 18
ROW SHEETS - 3**

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	61
CONTRACT NO. 91635				
C-95-007-24 ILLINOIS FED. AID PROJECT A3HK(750)				



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

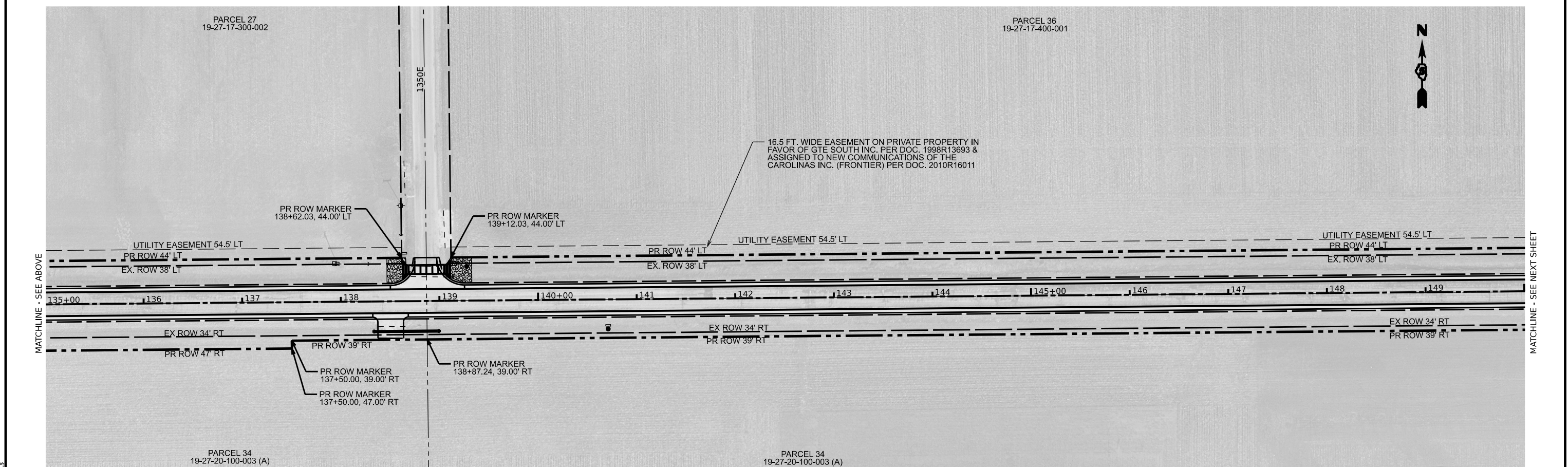
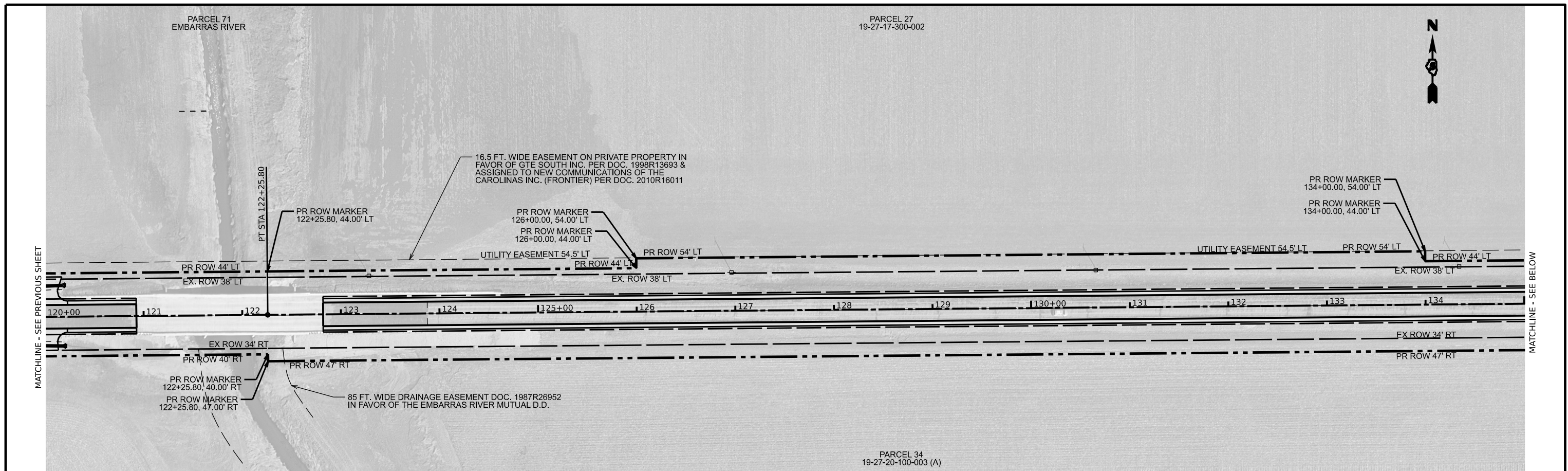
USER NAME	= \$USERS	DESIGNED	- JEM	REVISED	- _____
		CHECKED	- JJJB	REVISED	- _____
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	- _____
PLOT DATE	= \$DATES	CHECKED	- JJJB	REVISED	- _____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

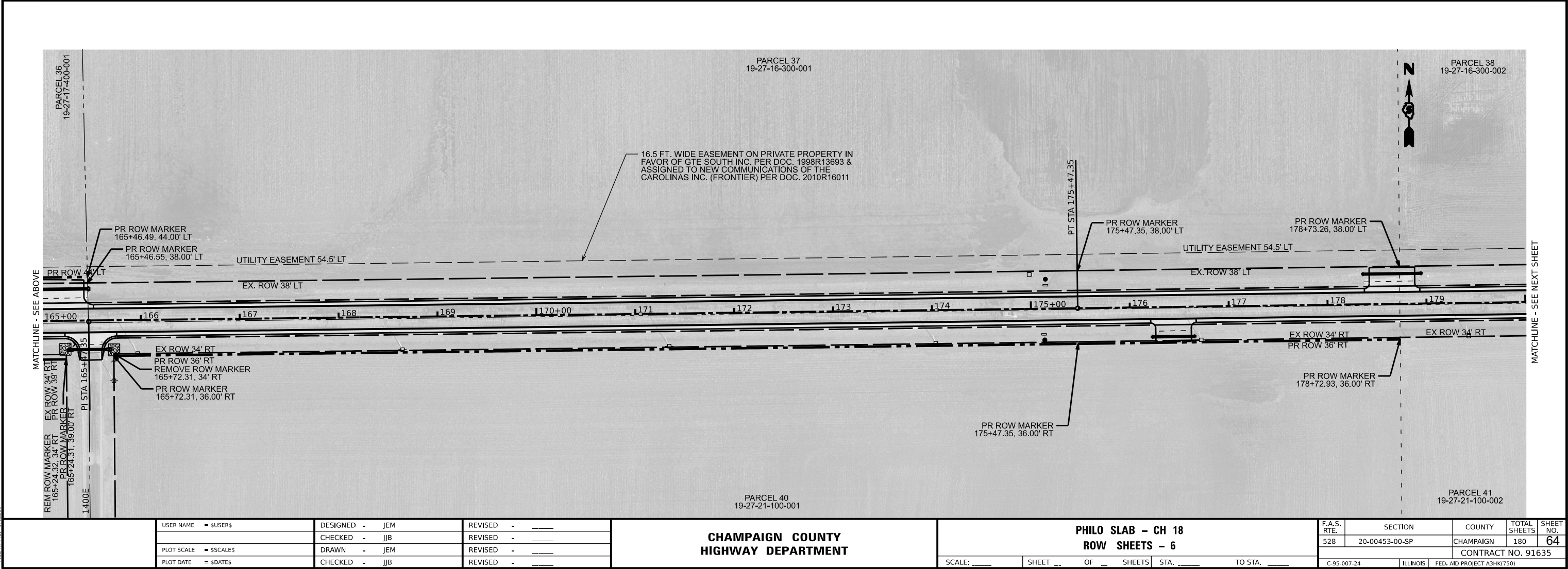
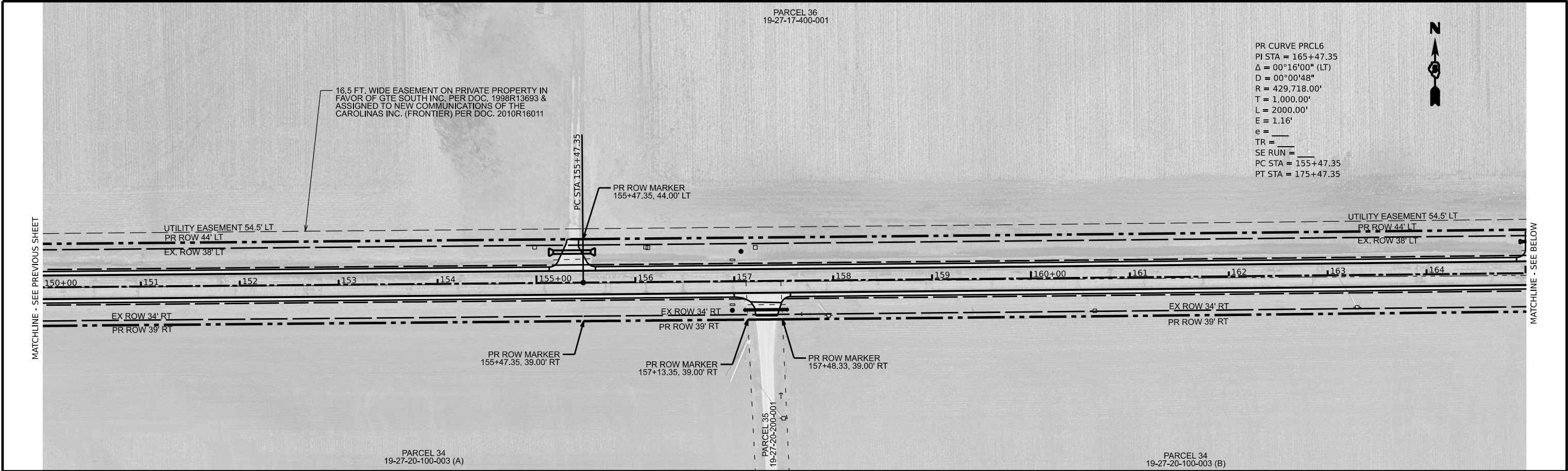
PHILO SLAB - CH 18
ROW SHEETS - 4

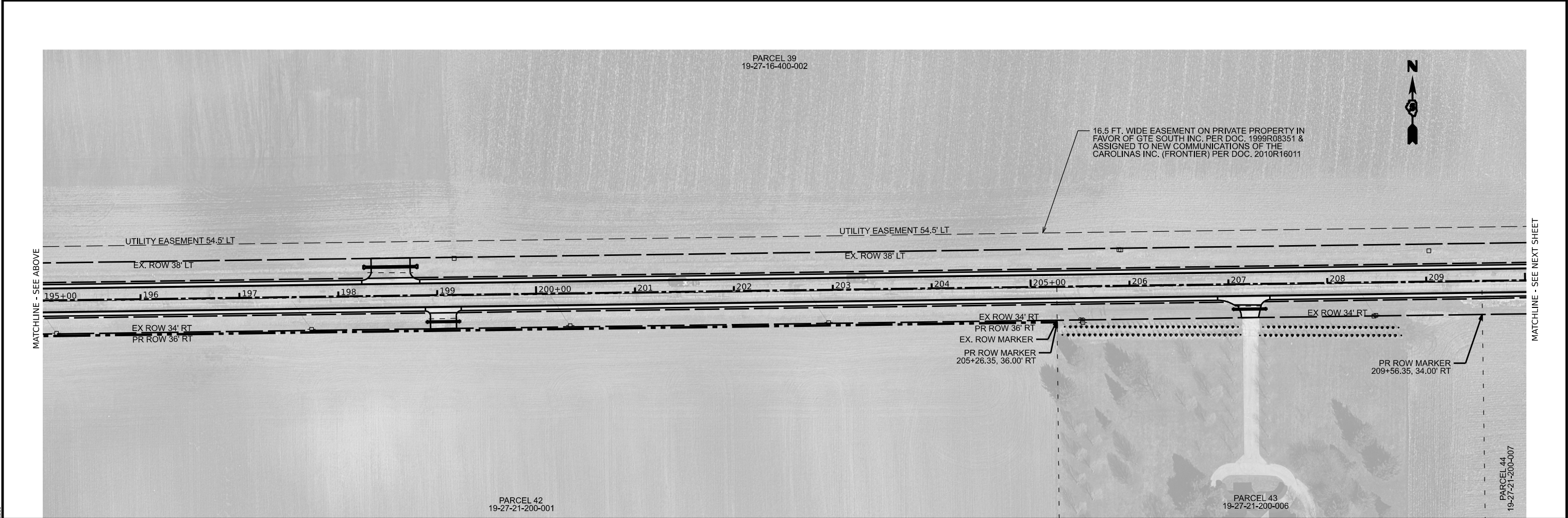
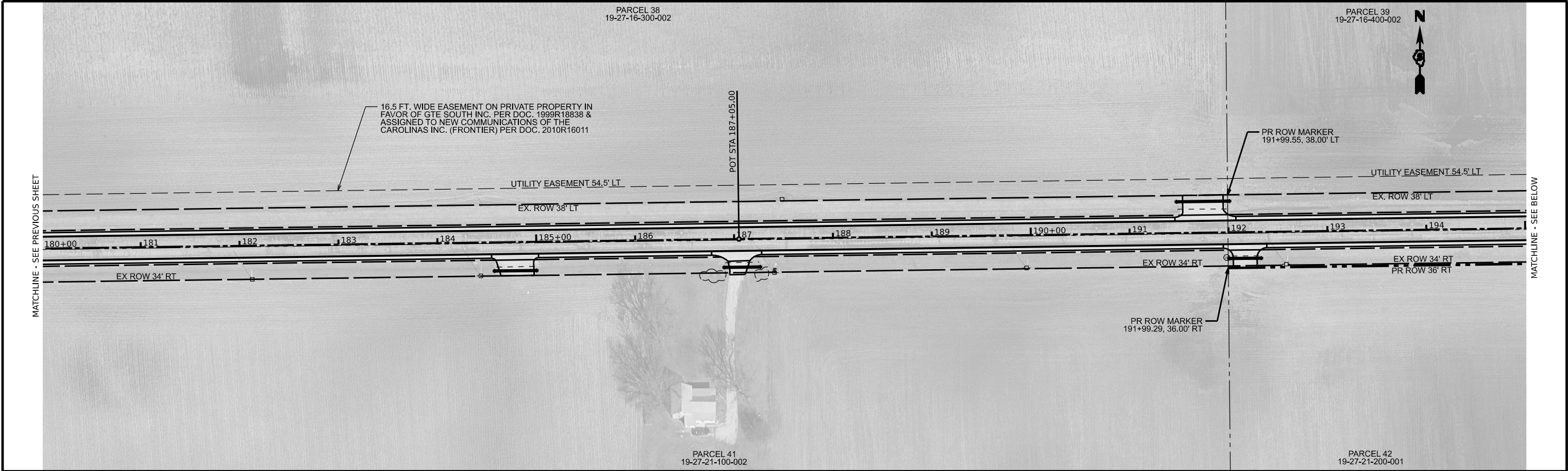
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	62
CONTRACT NO. 91635				
C-95-007-24 ILLINOIS FED. AID PROJECT A3HK(750)				



FILE NAME: \$FILE\$	USER NAME ■ \$USER\$	DESIGNED - JEM	REVISED - _____	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PHILO SLAB - CH 18 ROW SHEETS - 5				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE ■ \$\$SCALE\$	DRAWN - JEM	REVISED - _____						528	20-00453-00-SP	CHAMPAIGN	180	63
	PLOT DATE ■ \$DATE\$	CHECKED - JJB	REVISED - _____		SCALE: _____		SHEET OF SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 91635				
									C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		





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

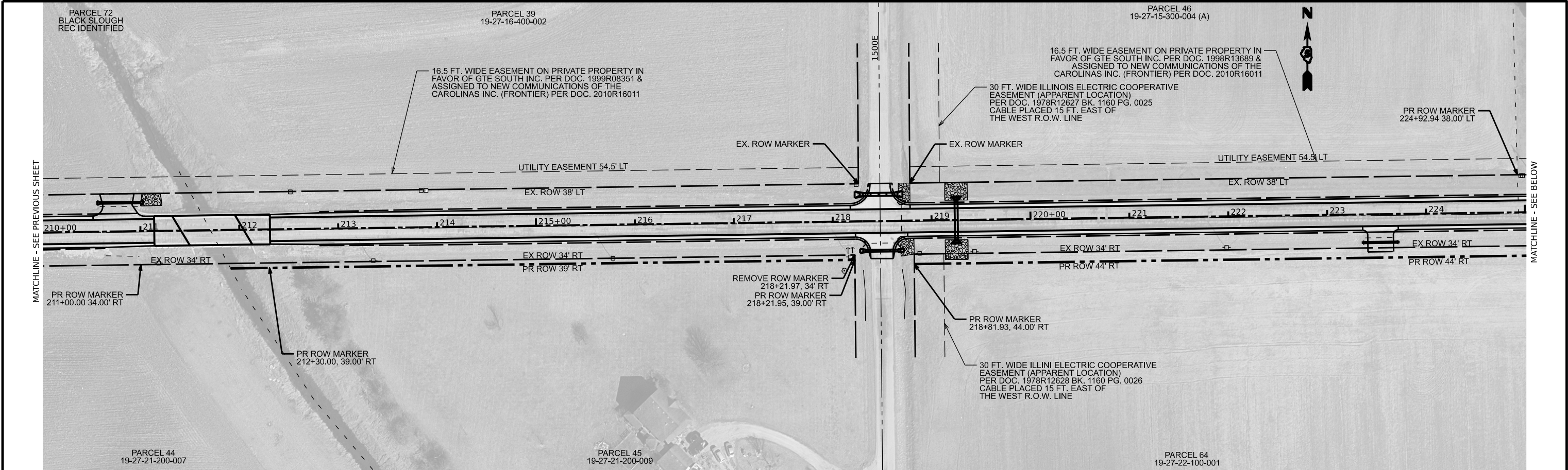
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		CHECKED -	JJB	REVISED -	_____
PLOT SCALE	= \$SCALE\$	DRAWN -	JEM	REVISED -	_____
PLOT DATE	= \$DATES\$	CHECKED -	JJB	REVISED -	_____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
ROW SHEETS - 7

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	65
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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

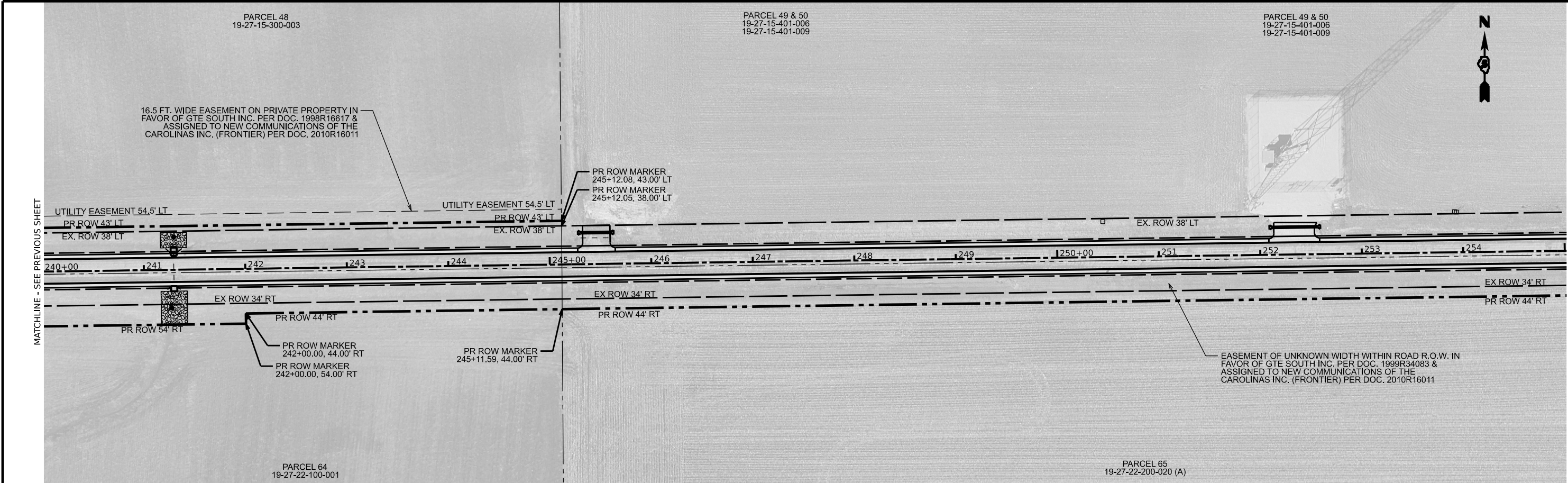
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		CHECKED -	JJB	REVISED -	_____
PLOT SCALE	= \$SCALE\$	DRAWN -	JEM	REVISED -	_____
PLOT DATE	= \$DATES\$	CHECKED -	JJB	REVISED -	_____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
ROW SHEETS - 8

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

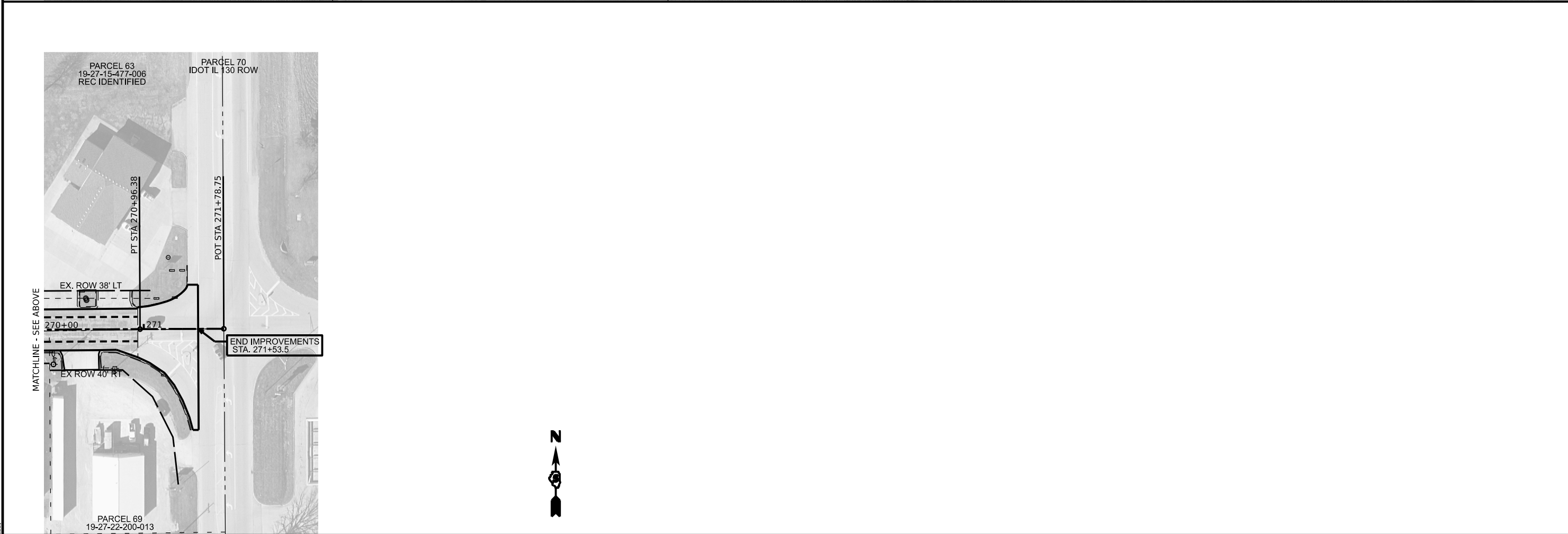
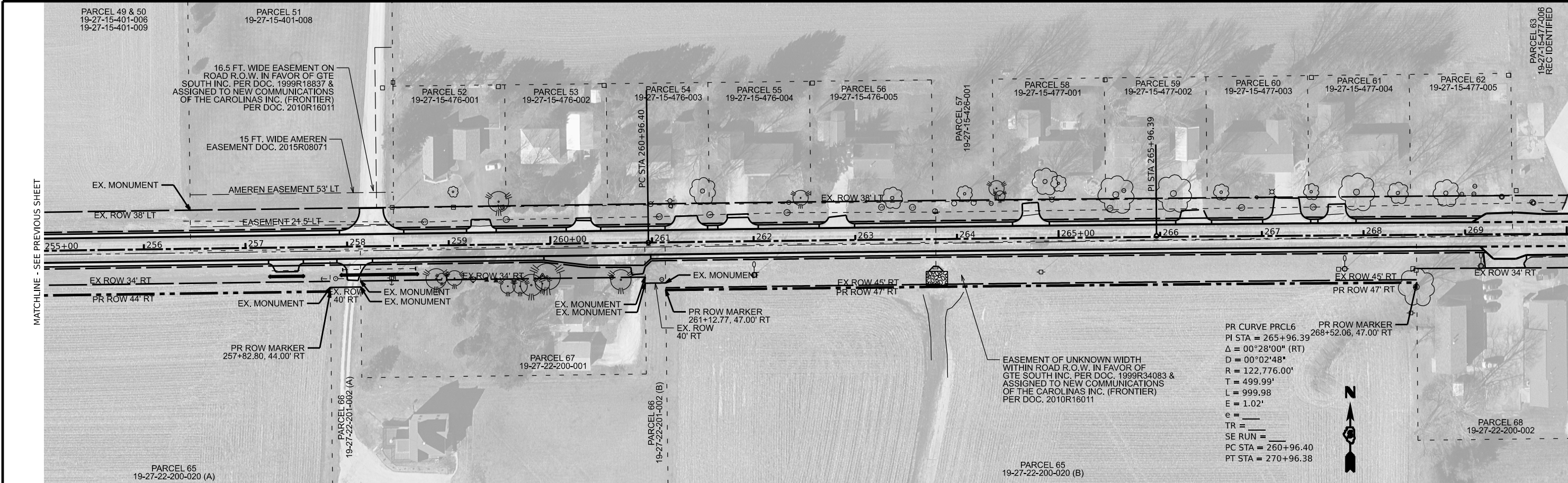
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	66
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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

	USER NAME	DESIGNED - JEM	REVISED -	CHAMPAIGN COUNTY HIGHWAY DEPARTMENT	PHILO SLAB - CH 18 ROW SHEETS - 9	SCALE: _____	SHEET ____	OF ____	SHEETS	STA. _____	TO STA. _____	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED - JJB	CHECKED - JJB	REVISED -									528	20-00453-00-SP	CHAMPAIGN	180	67
	PLOT SCALE - \$SCALE\$	DRAWN - JEM	REVISED -									CONTRACT NO. 91635				
	PLOT DATE - \$DATES	CHECKED - JJB	REVISED -									C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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

USER NAME	= \$USERS\$	DESIGNED	- JEM	REVISED	-
		CHECKED	- JJB	REVISED	-
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	-
PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	-

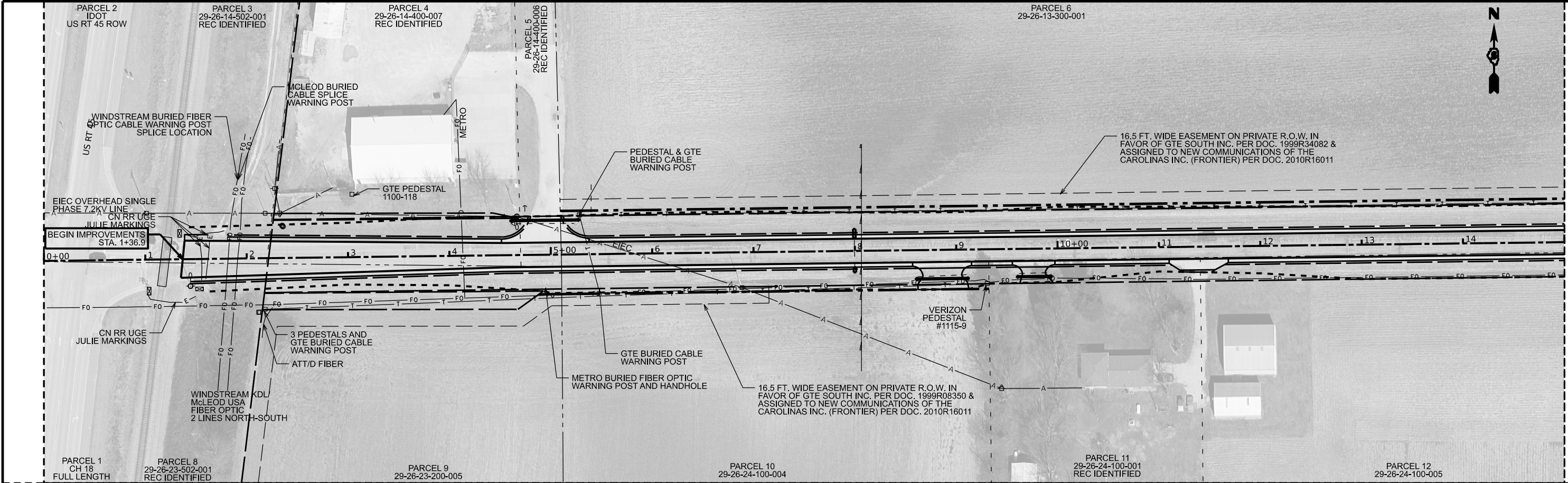
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
ROW SHEETS - 10

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	68
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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



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



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

USER NAME	DESIGNED - JEM	REVISED -
CHECKED - JJB	REVISED -	
PLOT SCALE	DRAWN - JEM	REVISED -
PLOT DATE	CHECKED - JJB	REVISED -

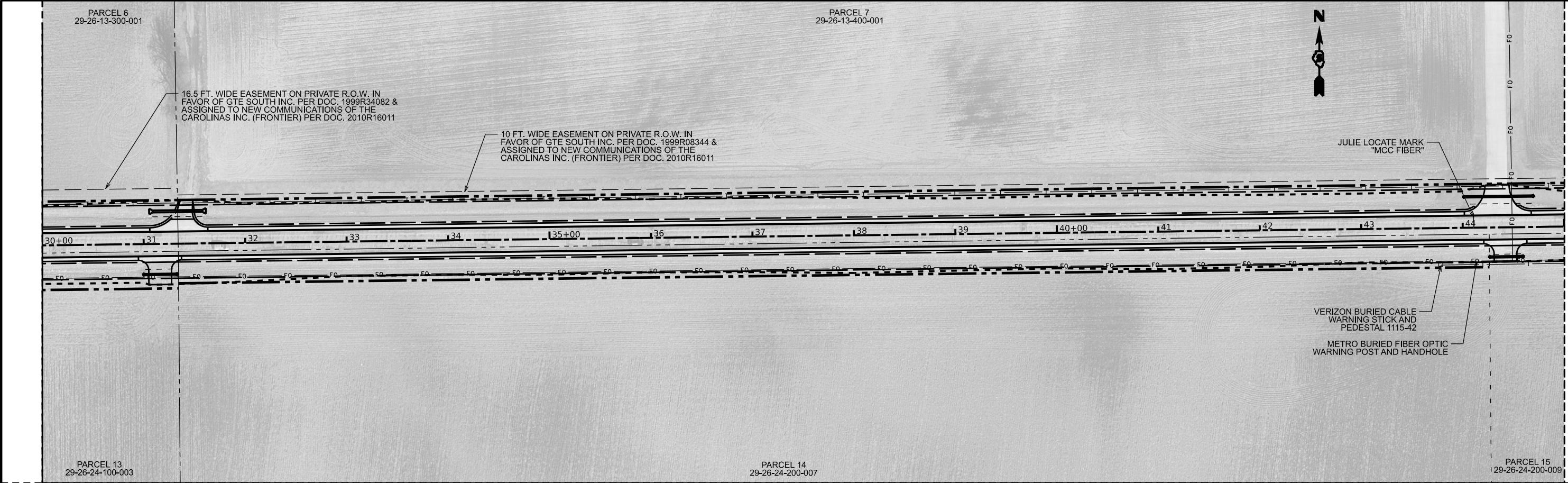
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
UTILITY SHEETS - 1

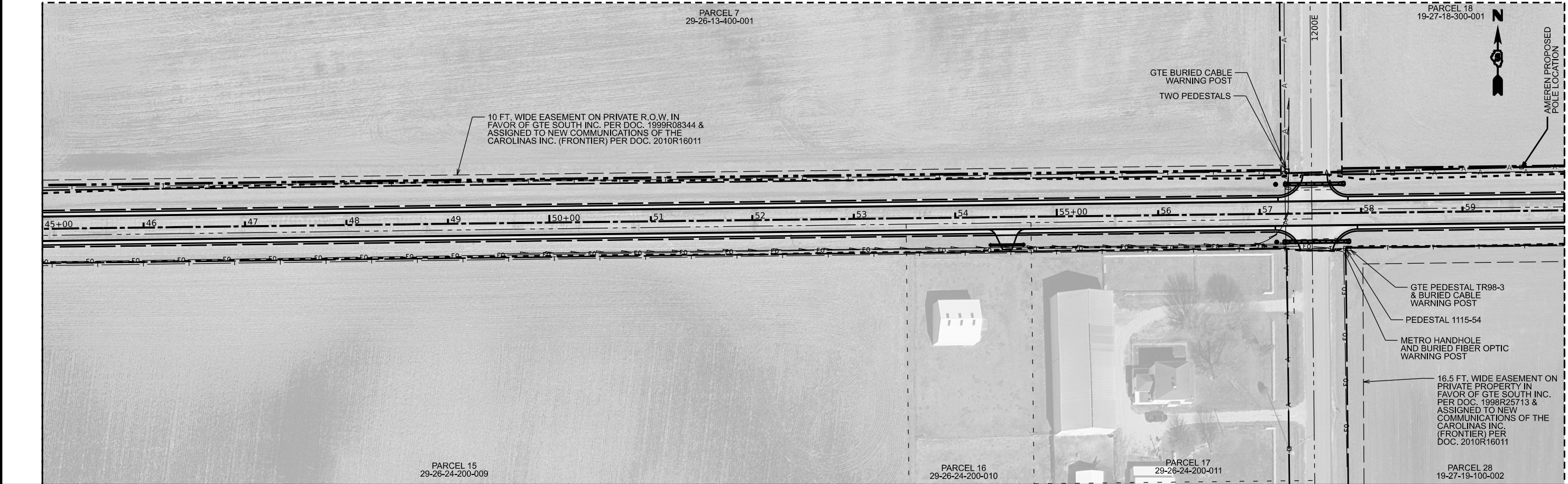
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	69
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

PLAN	SURVEYED	DATE
	BY	
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	FILED	
	CADD FILE NAME	



PROFILE	SURVEYED	DATE
	BY	
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	FILED	
	STRUCTURE NOTATIONS CHKD	



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

USER NAME	= \$USERS	DESIGNED	- JEM	REVISED	- _____
		CHECKED	- JJB	REVISED	- _____
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	- _____
PLOT DATE	= \$DATES	CHECKED	- JJB	REVISED	- _____

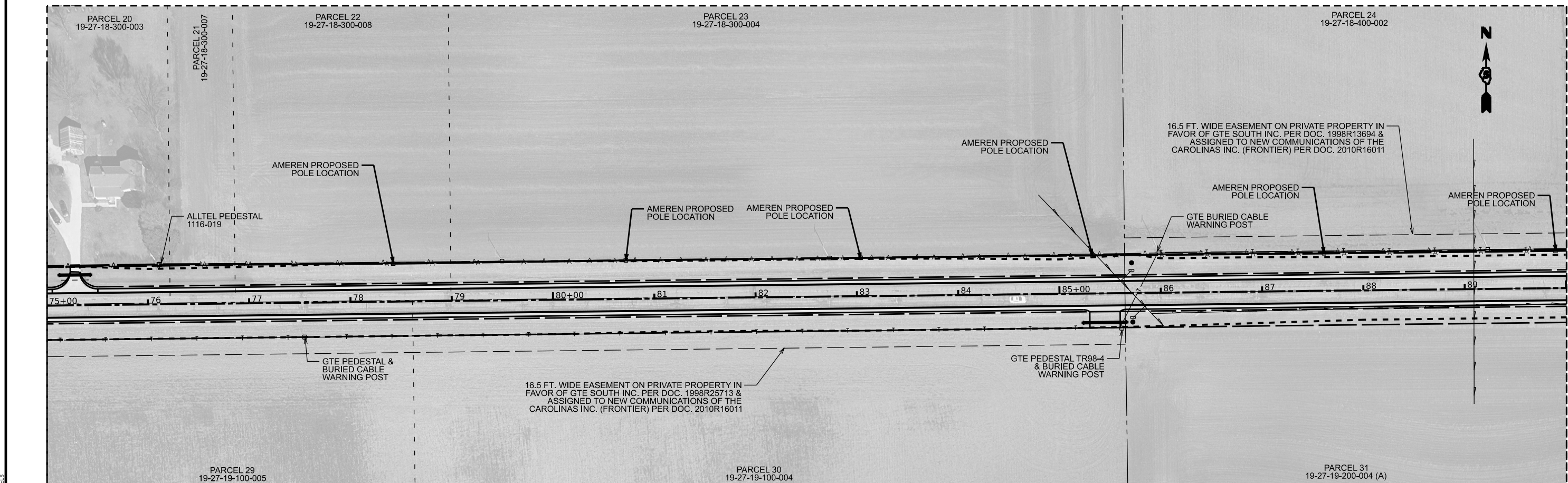
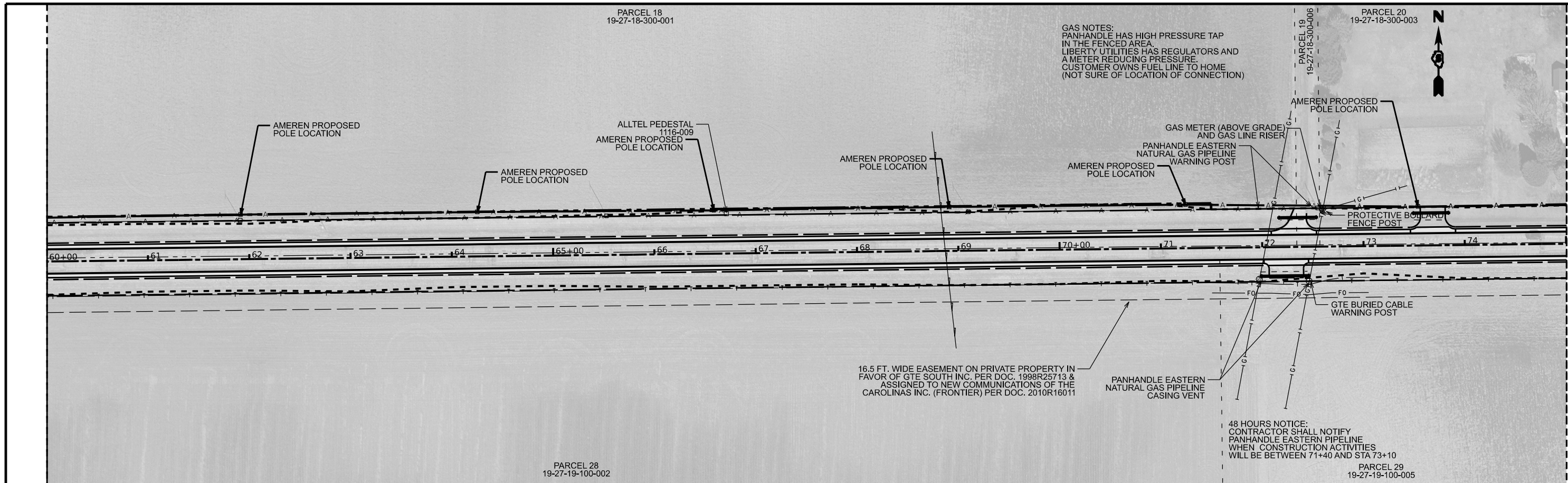
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
UTILITY SHEETS - 2

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	70
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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



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

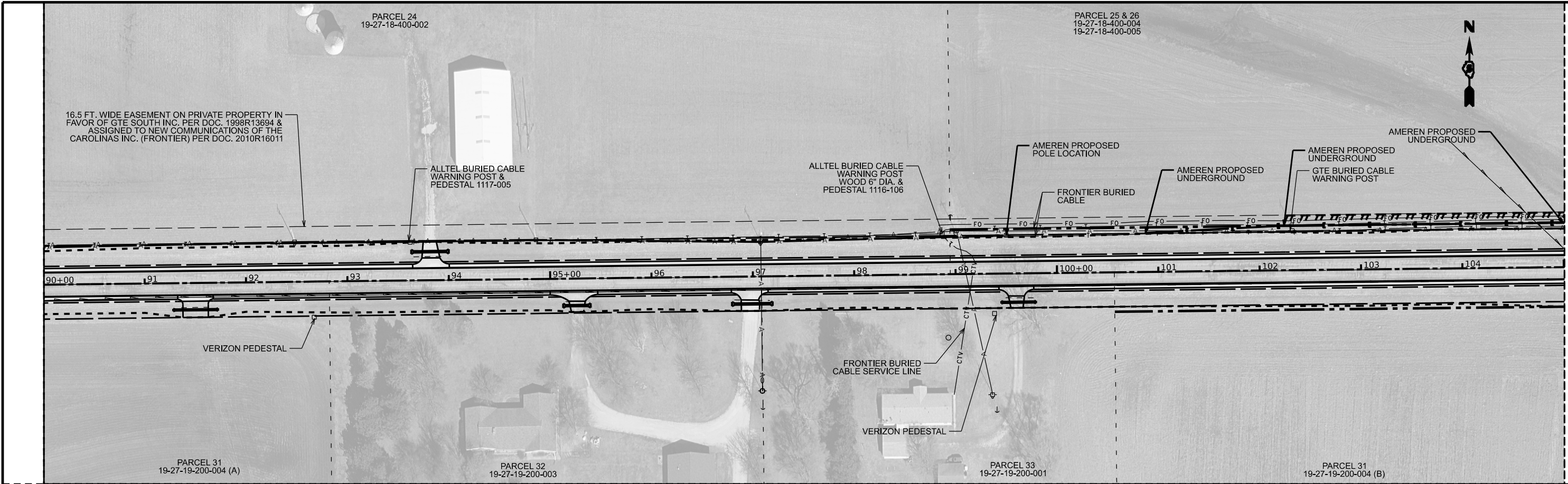
**CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT**

PHILO SLAB - CH 18
UTILITY SHEETS - 3

SCALE: _____	SHEET ____ OF ____ SHEETS	STA. _____	TO STA. _____
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	71
		CONTRACT NO. 91635		
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(D750)		

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



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



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

USER NAME	= \$USERS\$	DESIGNED	- JEM	REVISED	- _____
		CHECKED	- JJB	REVISED	- _____
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	- _____
PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	- _____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
UTILITY SHEETS - 4

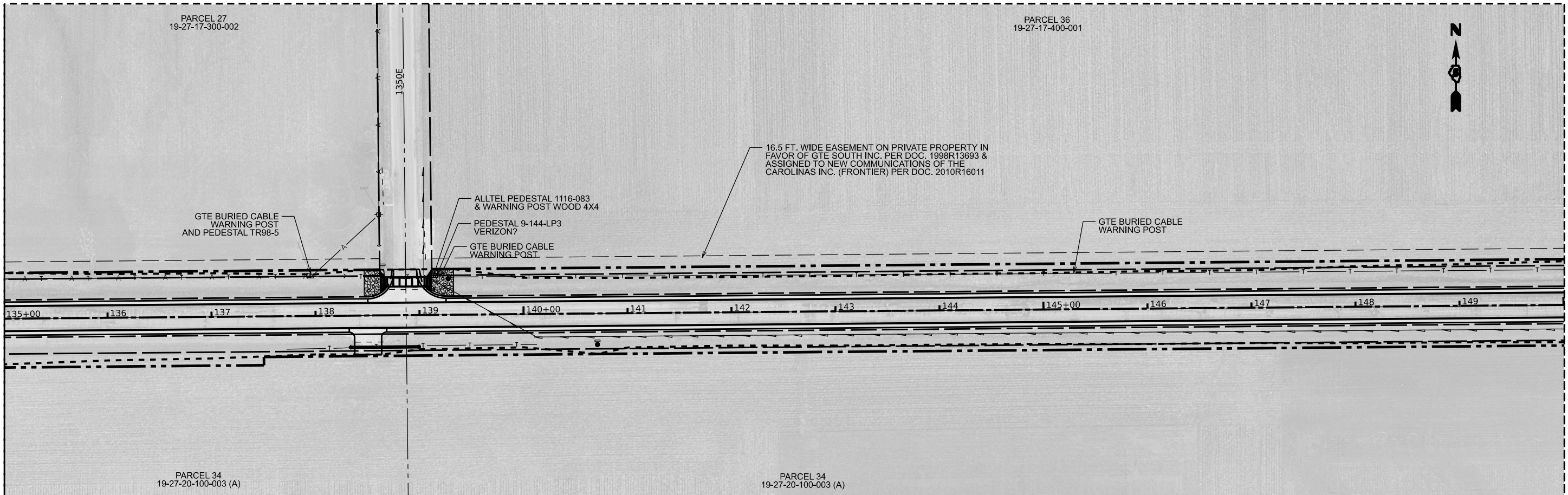
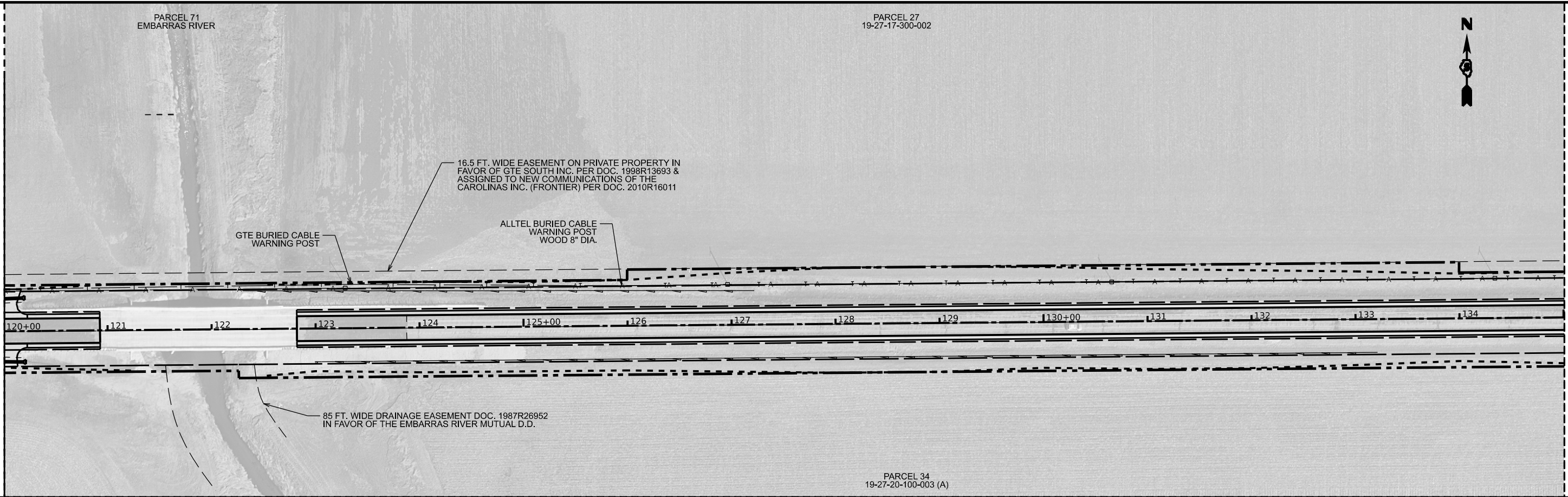
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	72
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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

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

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



USER NAME = \$USERS	DESIGNED - JEM	REVISED - _____
	CHECKED - JJB	REVISED - _____
PLOT SCALE = \$SCALE\$	DRAWN - JEM	REVISED - _____
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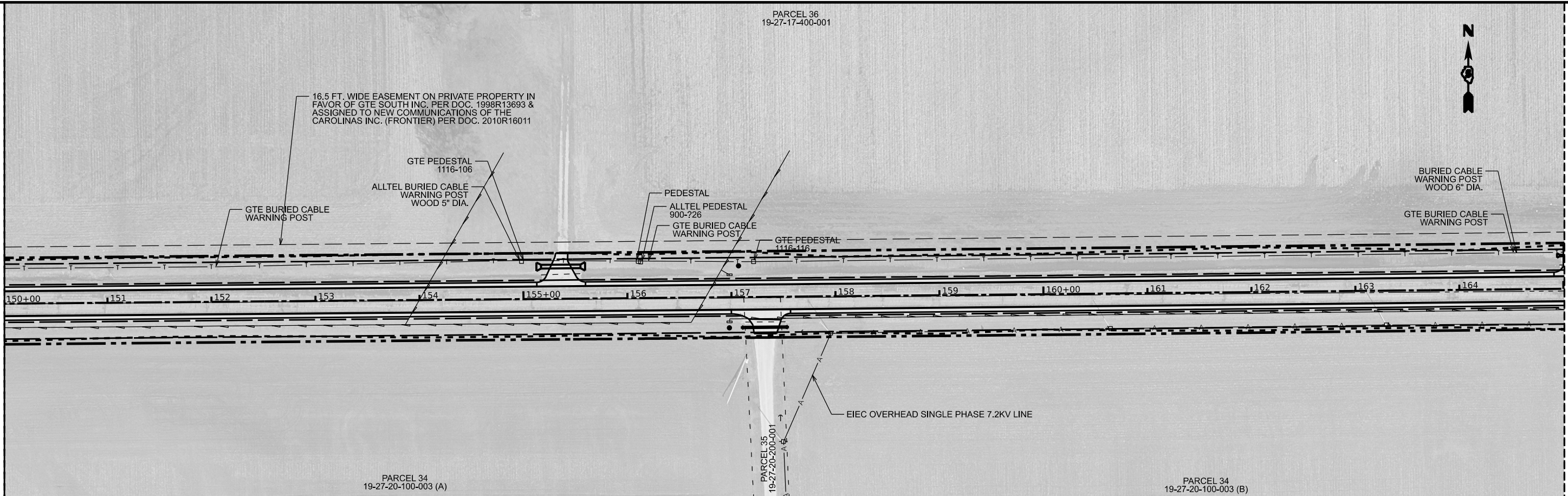
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
UTILITY SHEETS - 5

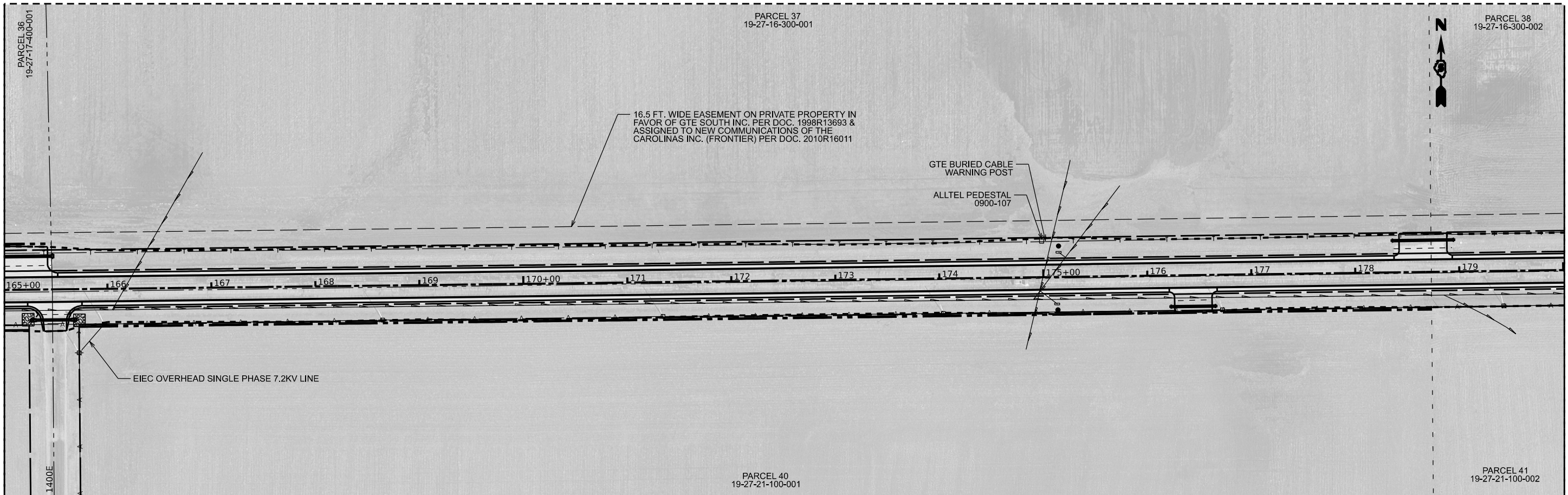
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	73
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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



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



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

USER NAME	= \$USERS\$	DESIGNED	- JEM	REVISED	- _____
		CHECKED	- JJB	REVISED	- _____
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	- _____
PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	- _____

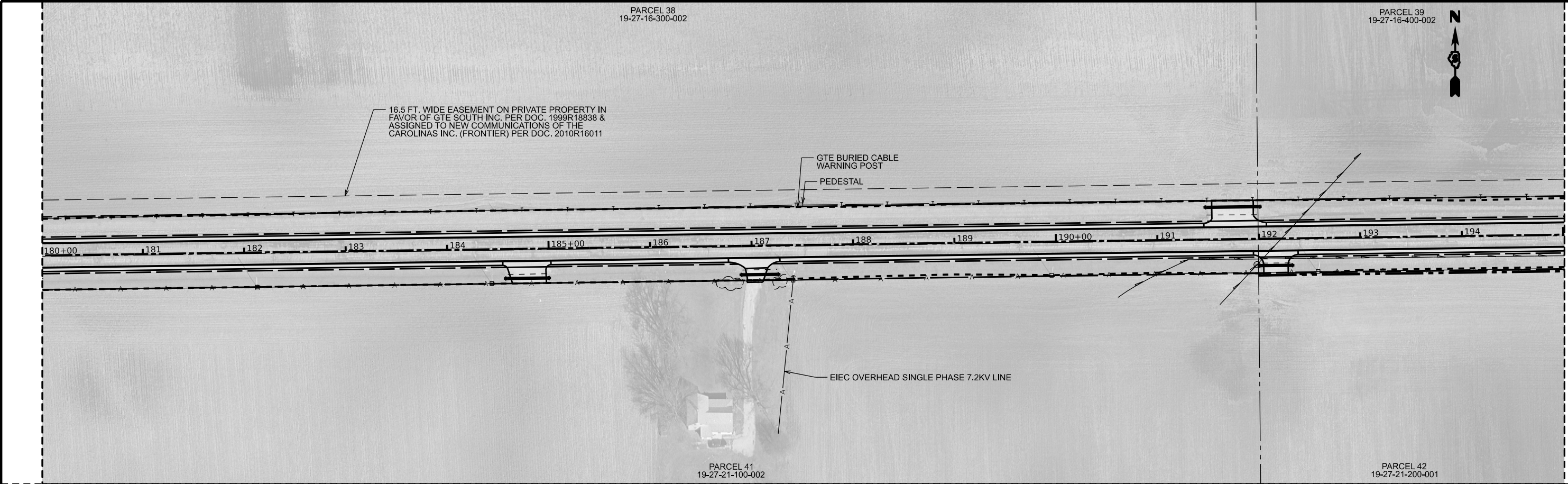
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
UTILITY SHEETS - 6

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	74
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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



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



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

USER NAME	= \$USERS\$	DESIGNED	- JEM	REVISED	- _____
		CHECKED	- JJB	REVISED	- _____
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	- _____
PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	- _____

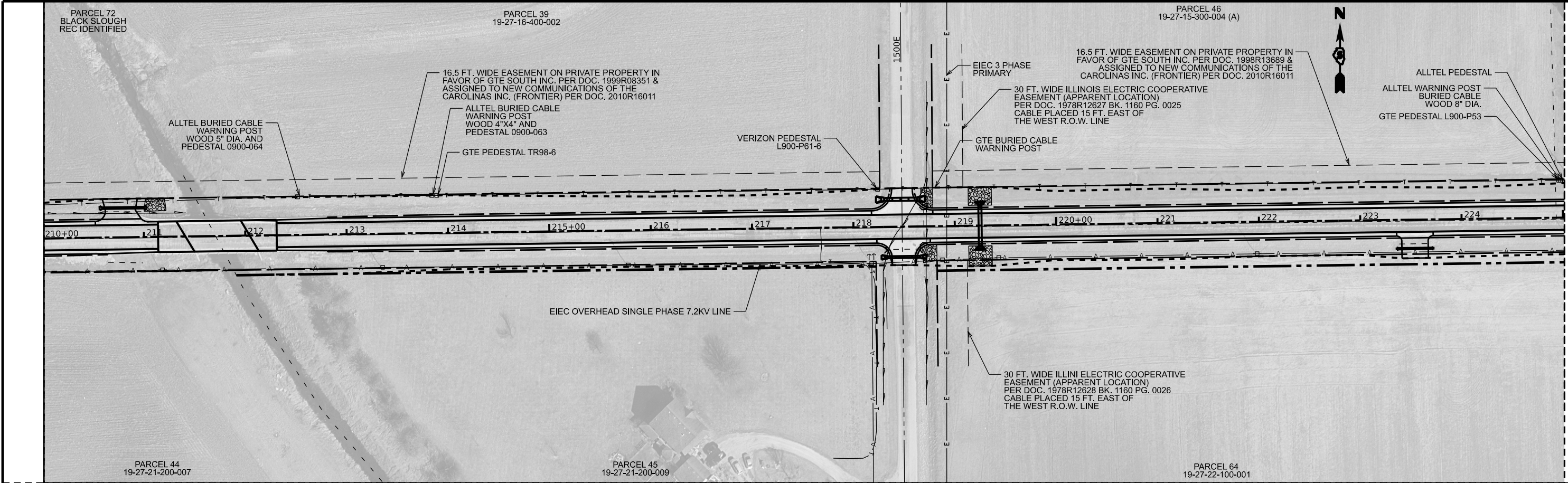
CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
UTILITY SHEETS - 7

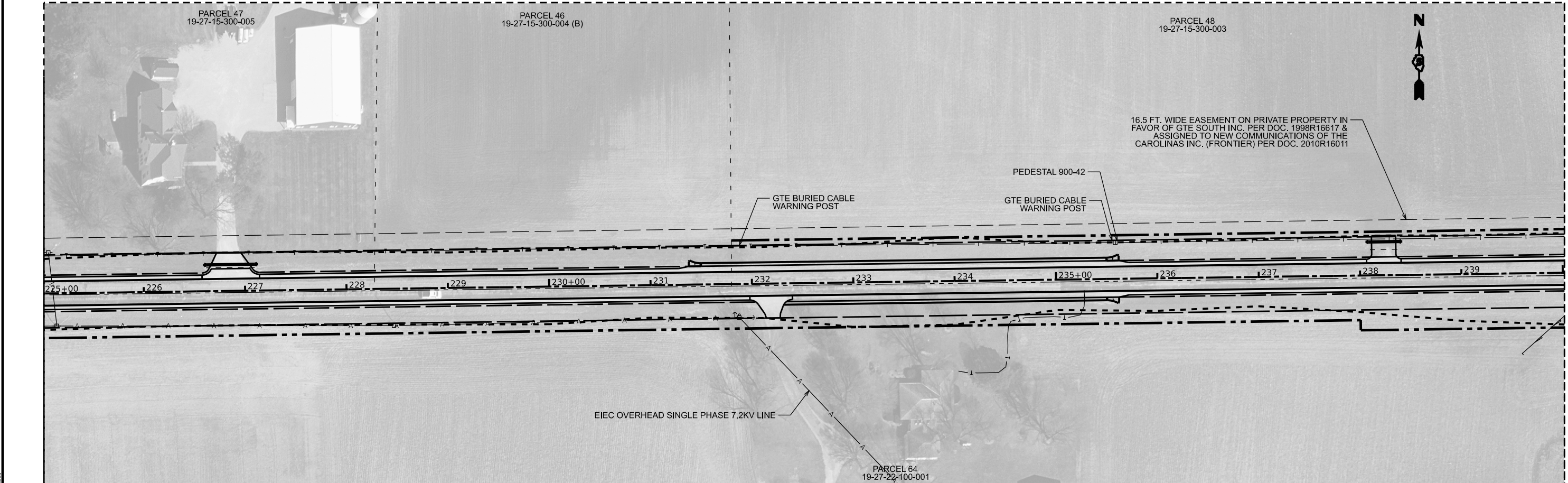
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	75
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

PLAN	SURVEYED	DATE
	BY	
NOTE BOOK NO.	PLOTTED	
	ALIGNMENT CHECKED	
	AS SHOWN	
	CADD FILE NAME	



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



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

USER NAME	= \$USERS\$	DESIGNED -	JEM	REVISED -	_____
		CHECKED -	JJB	REVISED -	_____
PLOT SCALE	= \$SCALE\$	DRAWN -	JEM	REVISED -	_____
PLOT DATE	= \$DATES\$	CHECKED -	JJB	REVISED -	_____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
UTILITY SHEETS - 8

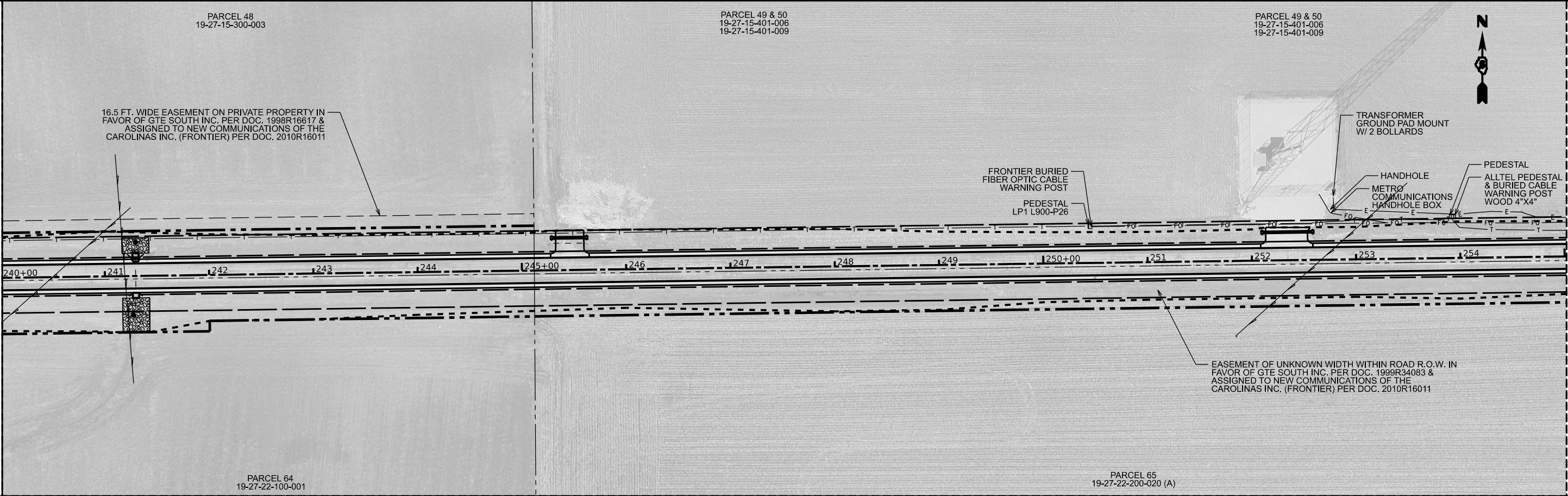
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	76
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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

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

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



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INTENTIONALLY LEFT BLANK

USER NAME	= \$USERS	DESIGNED -	JEM	REVISED -	_____
		CHECKED -	JJB	REVISED -	_____
PLOT SCALE	= \$SCALE\$	DRAWN -	JEM	REVISED -	_____
PLOT DATE	= \$DATES	CHECKED -	JJB	REVISED -	_____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
UTILITY SHEETS - 9

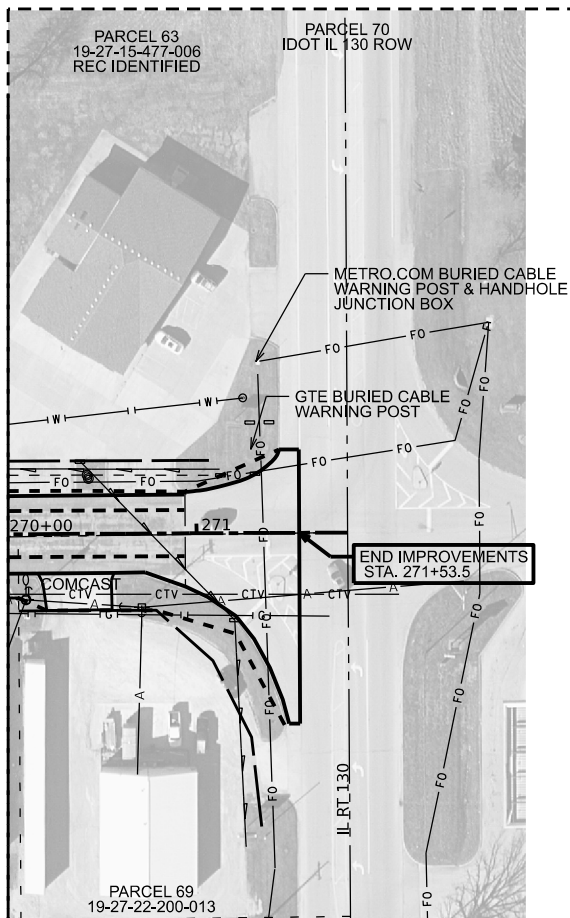
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	77
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED DATE PLOTTED CADD FILE NAME	BY	DATE



PROFILE	SURVEYED PLOTTED GRADES CHECKED DATE PLOTTED STRUCTURE NOTATIONS CHKD	BY	DATE



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

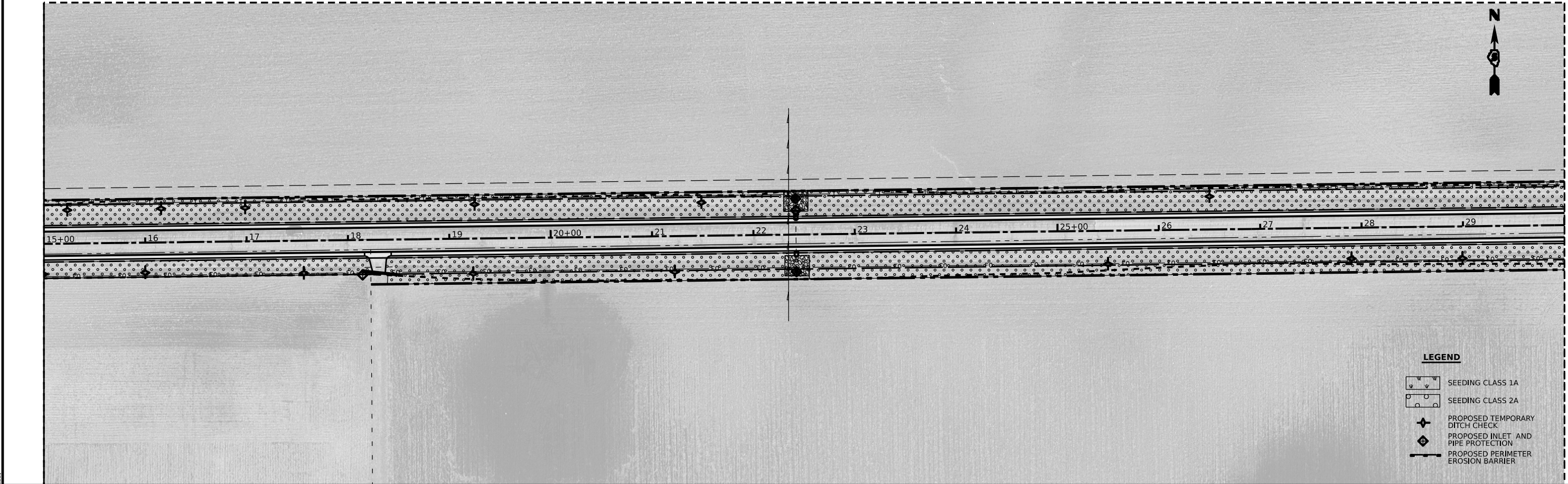
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	CHECKED - JJB	REVISED - _____
PLOT SCALE = \$SCALE\$	DRAWN - JEM	REVISED - _____
PLOT DATE = \$DATES\$	CHECKED - JJB	REVISED - _____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
UTILITY SHEETS - 10

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	78
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



LEGEND

- SEEDING CLASS 1A
- SEEDING CLASS 2A
- PROPOSED TEMPORARY DITCH CHECK
- PROPOSED INLET AND PIPE PROTECTION
- PROPOSED PERIMETER EROSION BARRIER

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

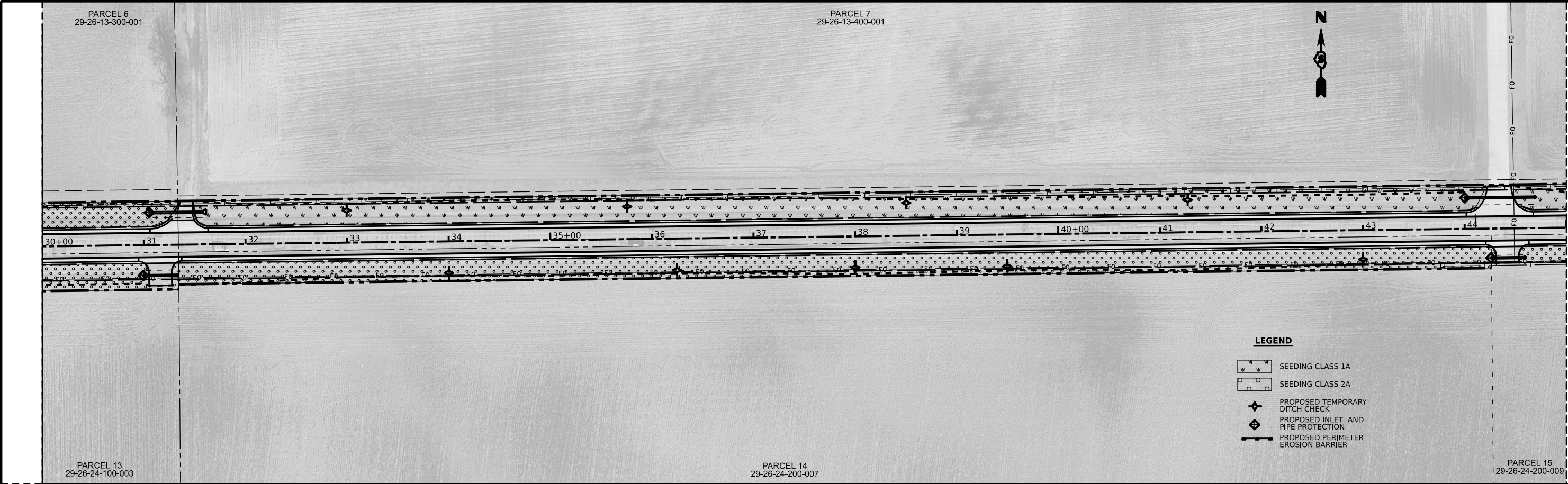
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		CHECKED	- JJB	REVISED	-
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	-
PLOT DATE	= \$DATE\$	CHECKED	- JJB	REVISED	-

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
STORMWATER POLLUTION PREVENTION PLAN - 1

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	79
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



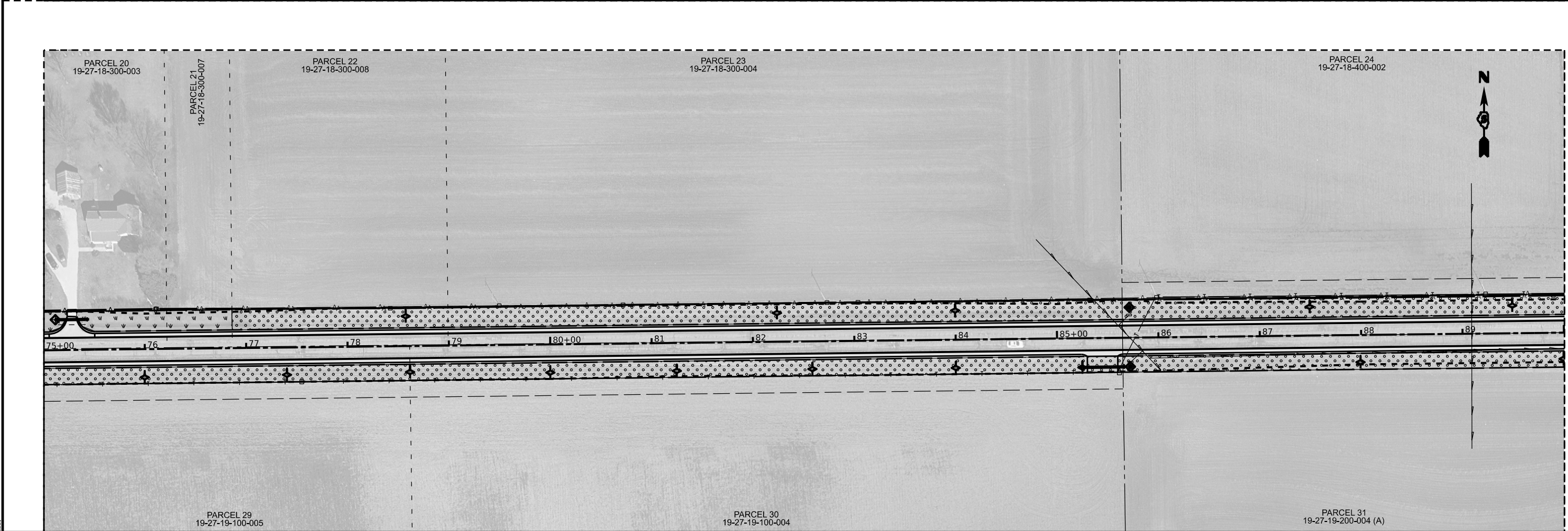
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USER NAME	= \$USERS\$	DESIGNED -	JEM	REVISED -	_____
		CHECKED -	JJB	REVISED -	_____
PLOT SCALE	= \$SCALE\$	DRAWN -	JEM	REVISED -	_____
PLOT DATE	= \$DATES\$	CHECKED -	JJB	REVISED -	_____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18			
STORMWATER POLLUTION PREVENTION PLAN - 2			
SCALE: _____	SHEET ____	OF ____	SHEETS
STA. _____	TO STA. _____		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	80
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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

USER NAME	= \$USERS\$	DESIGNED -	JEM	REVISED -	_____
		CHECKED -	JJB	REVISED -	_____
PLOT SCALE	= \$SCALE\$	DRAWN -	JEM	REVISED -	_____
PLOT DATE	= \$DATES\$	CHECKED -	JJB	REVISED -	_____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18			
STORMWATER POLLUTION PREVENTION PLAN - 3			
SCALE: _____	SHEET ____	OF ____ SHEETS	STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	81
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



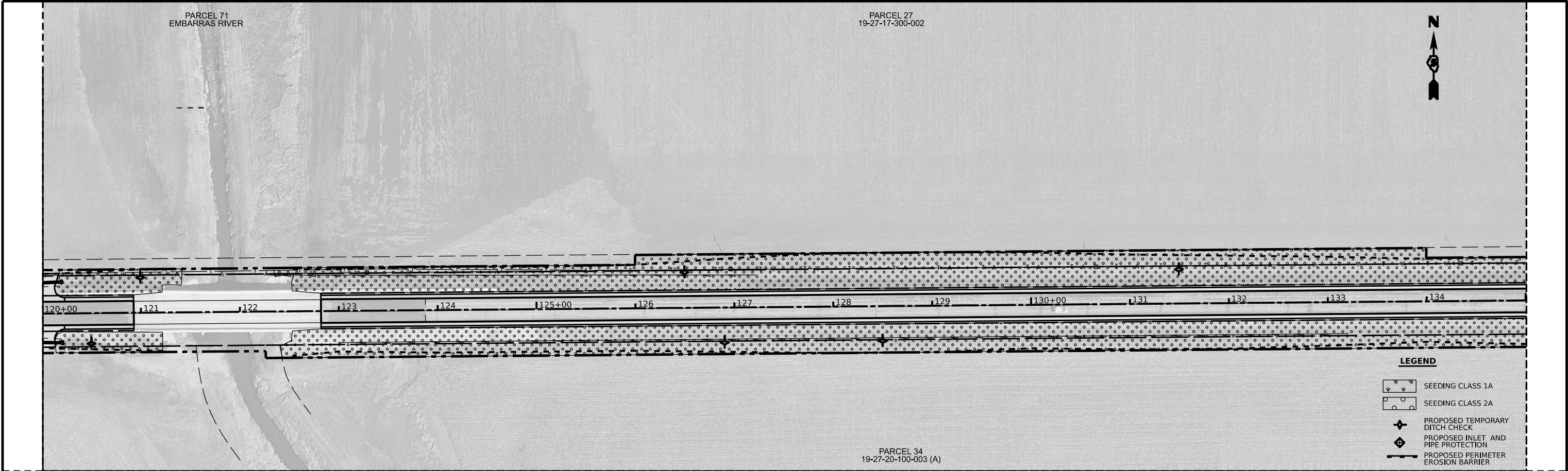
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USER NAME	= \$USERS\$	DESIGNED -	JEM	REVISED -	_____
		CHECKED -	JJB	REVISED -	_____
PLOT SCALE	= \$SCALE\$	DRAWN -	JEM	REVISED -	_____
PLOT DATE	= \$DATES\$	CHECKED -	JJB	REVISED -	_____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18			
STORMWATER POLLUTION PREVENTION PLAN - 4			
SCALE: _____	SHEET ____	OF ____ SHEETS	STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	82
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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

USER NAME	= \$USERS\$	DESIGNED	- JEM	REVISED	- _____
		CHECKED	- JJB	REVISED	- _____
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	- _____
PLOT DATE	= \$DATES\$	CHECKED	- JJB	REVISED	- _____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18			
STORMWATER POLLUTION PREVENTION PLAN - 5			
SCALE: _____	SHEET ____	OF ____ SHEETS	STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	83
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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

USER NAME	= \$USERS\$	DESIGNED -	JEM	REVISED -	_____
		CHECKED -	JJB	REVISED -	_____
PLOT SCALE	= \$SCALE\$	DRAWN -	JEM	REVISED -	_____
PLOT DATE	= \$DATES\$	CHECKED -	JJB	REVISED -	_____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18			
STORMWATER POLLUTION PREVENTION PLAN - 6			
SCALE: _____	SHEET ____	OF ____ SHEETS	STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	84
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

PARCEL 38
19-27-16-300-002

PARCEL 39
19-27-16-400-002



180+00 181 182 183 184 185+00 186 187 188 189 190+00 191 192 193 194

PARCEL 41
19-27-21-100-002

PARCEL 42
19-27-21-200-001

LEGEND

- SEEDING CLASS 1A
- SEEDING CLASS 2A
- PROPOSED TEMPORARY DITCH CHECK
- PROPOSED INLET AND PIPE PROTECTION
- PROPOSED PERIMETER EROSION BARRIER

PARCEL 39
19-27-16-400-002



195+00 196 197 198 199 200+00 201 202 203 204 205+00 206 207 208 209

PARCEL 42
19-27-21-200-001

PARCEL 43
19-27-21-200-006

PARCEL 44
19-27-21-200-007

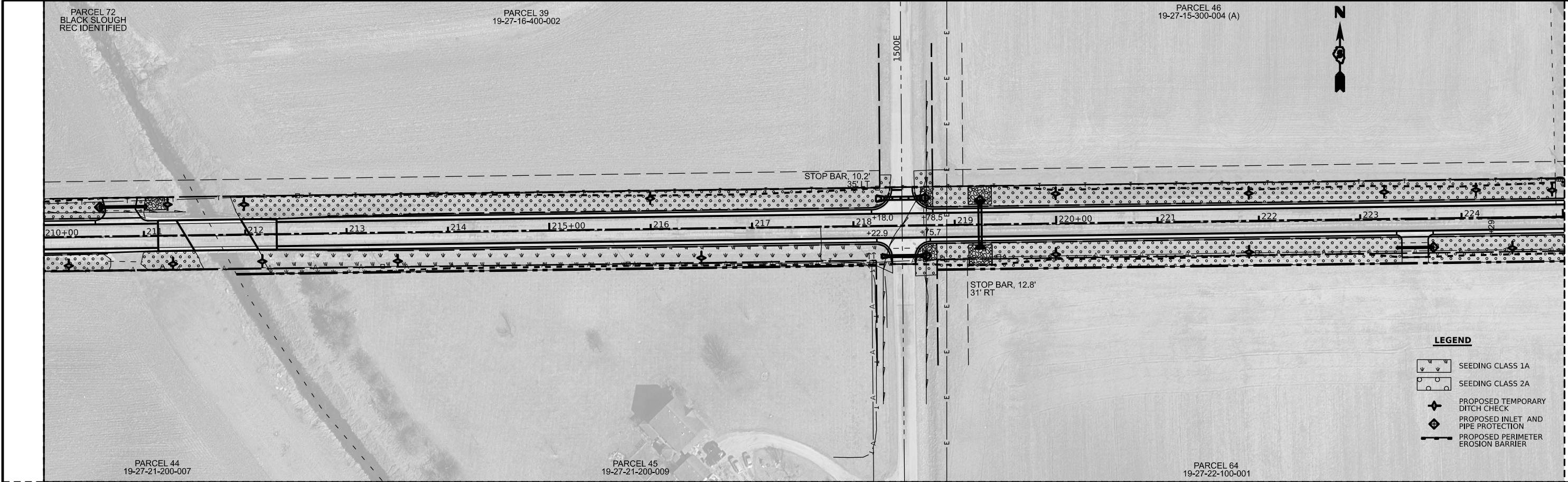
**CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT**

**PHILO SLAB - CH 18
STORMWATER POLLUTION PREVENTION PLAN - 7**

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	85
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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



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

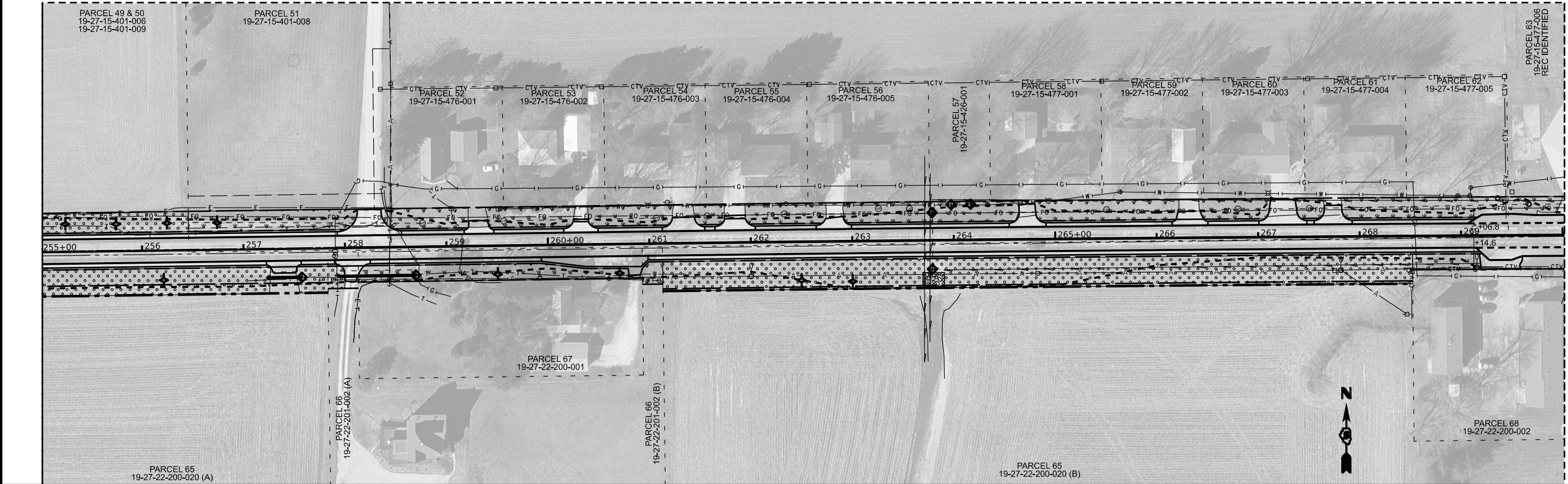
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		CHECKED -	JJB	REVISED -	_____
PLOT SCALE	= \$SCALE\$	DRAWN -	JEM	REVISED -	_____
PLOT DATE	= \$DATES\$	CHECKED -	JJB	REVISED -	_____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
STORMWATER POLLUTION PREVENTION PLAN - 8

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	86
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		



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

USER NAME	= \$USERS	DESIGNED	- JEM	REVISED	- _____
		CHECKED	- JJB	REVISED	- _____
PLOT SCALE	= \$SCALE\$	DRAWN	- JEM	REVISED	- _____
PLOT DATE	= \$DATES	CHECKED	- JJB	REVISED	- _____

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18
STORMWATER POLLUTION PREVENTION PLAN - 9

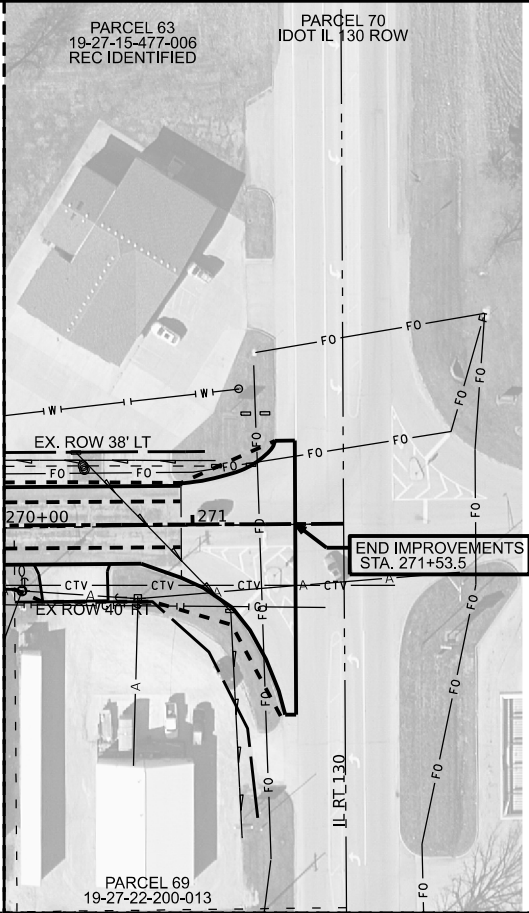
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	87
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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

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

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



- LEGEND**
- SEEDING CLASS 1A
 - SEEDING CLASS 2A
 - PROPOSED TEMPORARY DITCH CHECK
 - PROPOSED INLET AND PIPE PROTECTION
 - PROPOSED PERIMETER EROSION BARRIER



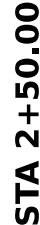
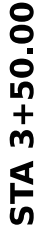
USER NAME	DESIGNED - JEM	REVISED -
	CHECKED - JJB	REVISED -
PLOT SCALE	DRAWN - JEM	REVISED -
PLOT DATE	CHECKED - JJB	REVISED -

CHAMPAIGN COUNTY
HIGHWAY DEPARTMENT

PHILO SLAB - CH 18 STORMWATER POLLUTION PREVENTION PLAN - 10			
SCALE: _____	SHEET ____	OF ____ SHEETS	STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
528	20-00453-00-SP	CHAMPAIGN	180	88
CONTRACT NO. 91635				
C-95-007-24	ILLINOIS	FED. AID PROJECT A3HK(750)		

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



DESIGNED	-	_____
DRAWN	-	_____
CHECKED	-	_____
DATE	-	_____

DEPARTMENT OF TRANSPORTATION

SHEET 0 OF 1 SHEETS STA. _____

PHILO SLAB - CH 18
CROSS-SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ROUTE	SECTION	COUNTY	180	89
CONTRACT NO. <u>CNT.</u> 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: \$MODELNAME\$
FILE NAME: \$FILES\$

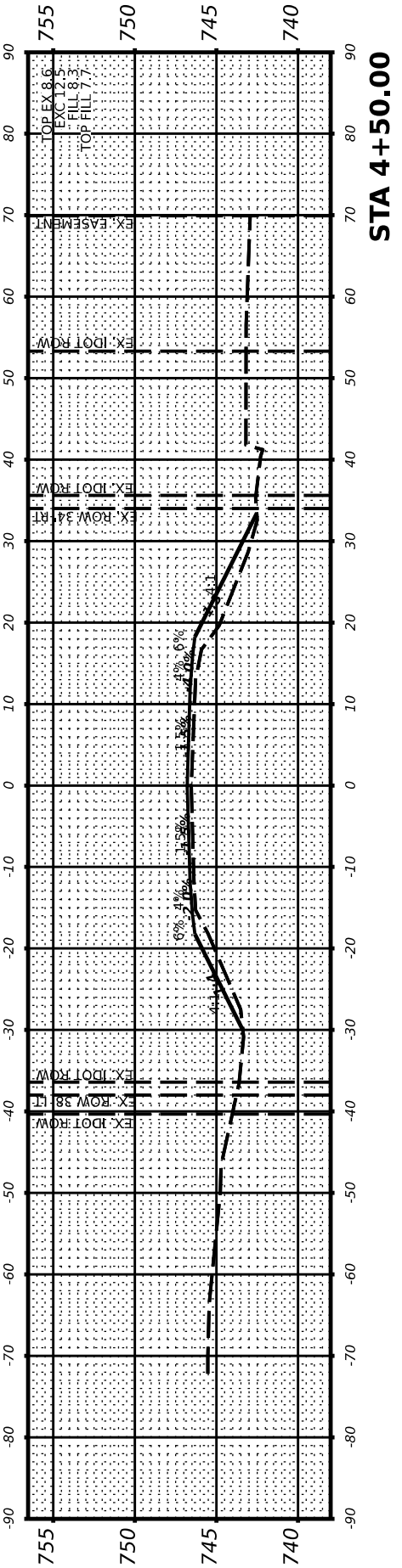
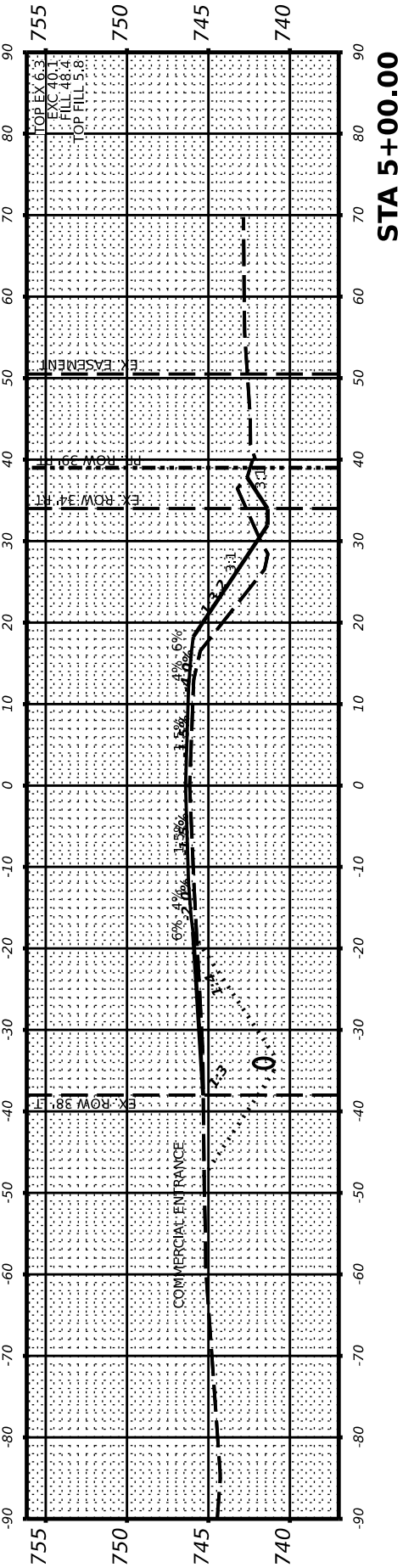
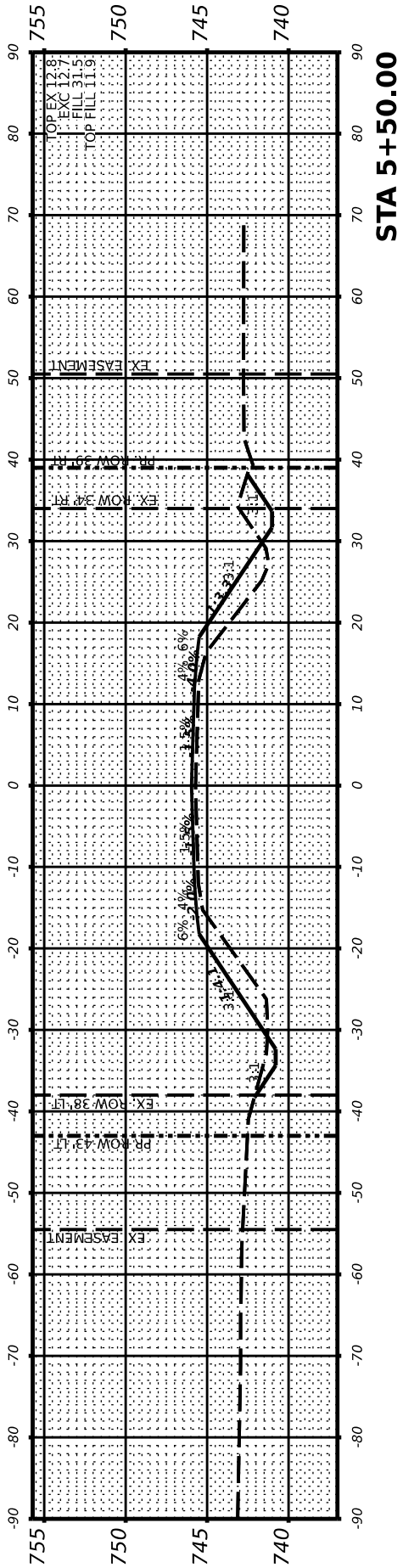
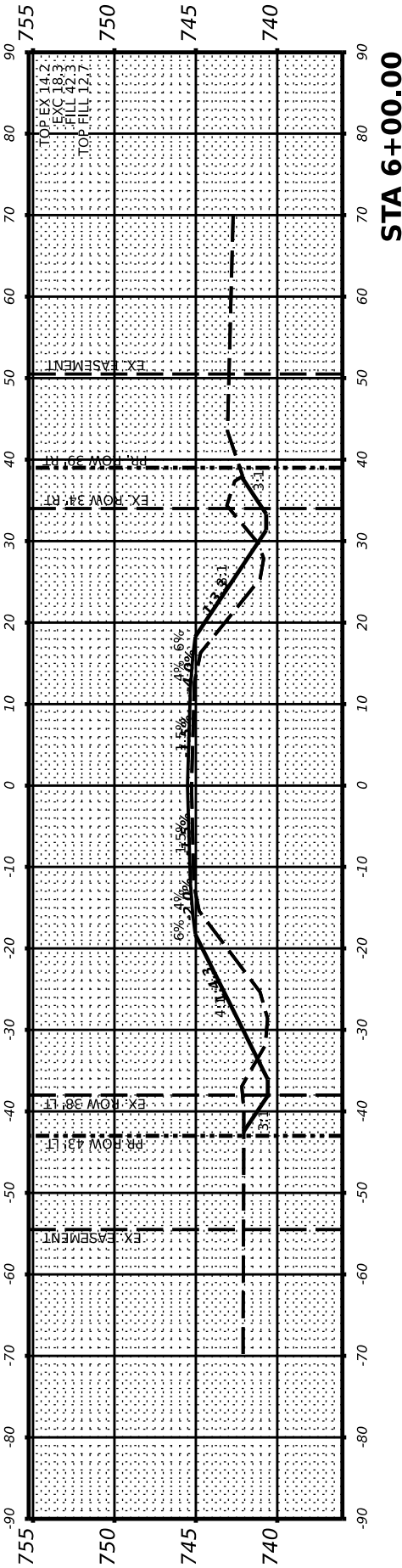
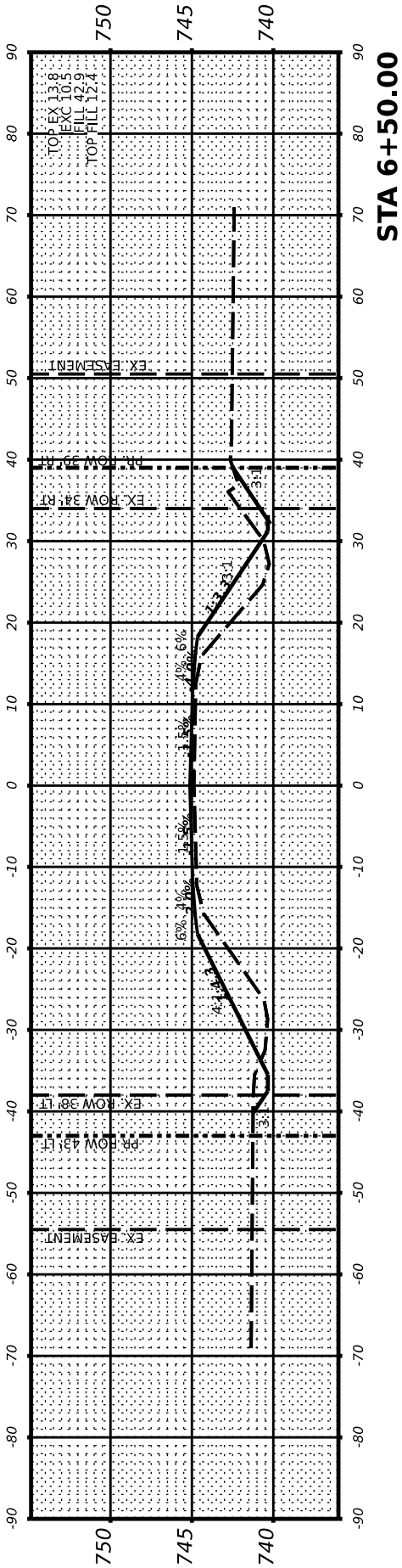
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	DRAWN - _____	REVISED - _____
PLOT SCALE = \$SCALE\$	CHECKED - _____	REVISED - _____
PLOT DATE = \$DATES	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

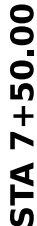
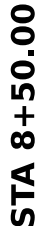
SCALE: SCALE SHEET 0 OF 1 SHEETS STA. _____

PHILO SLAB - CH 18
CROSS-SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ROUTE	SECTION	COUNTY	180	90
CONTRACT NO. QNT. NO.				
ILLINOIS FED. AID PROJECT				



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



USER NAME ■ \$USERS\$	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PHILO SLAB - CH 18 CROSS-SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - _____	REVISED - _____					ROUTE	SECTION	COUNTY	180	91
PLOT SCALE ■ \$SCALE\$	CHECKED - _____	REVISED - _____		CONTRACT NO. CNT. NO.							
PLOT DATE ■ \$DATE\$	DATE - _____	REVISED - _____		SCALE: \$SCALE	SHEET 0	OF 1	SHEETS	STA. _____	ILLINOIS FED. AID PROJECT		

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

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

MODEL \$MODEL\$
FILE NAME \$FILE\$

USER NAME	\$USERS
PLOT SCALE	\$SCALE\$
PLOT DATE	\$DATES

DESIGNED	-	_____
DRAWN	-	_____
CHECKED	-	_____
DATE	-	_____

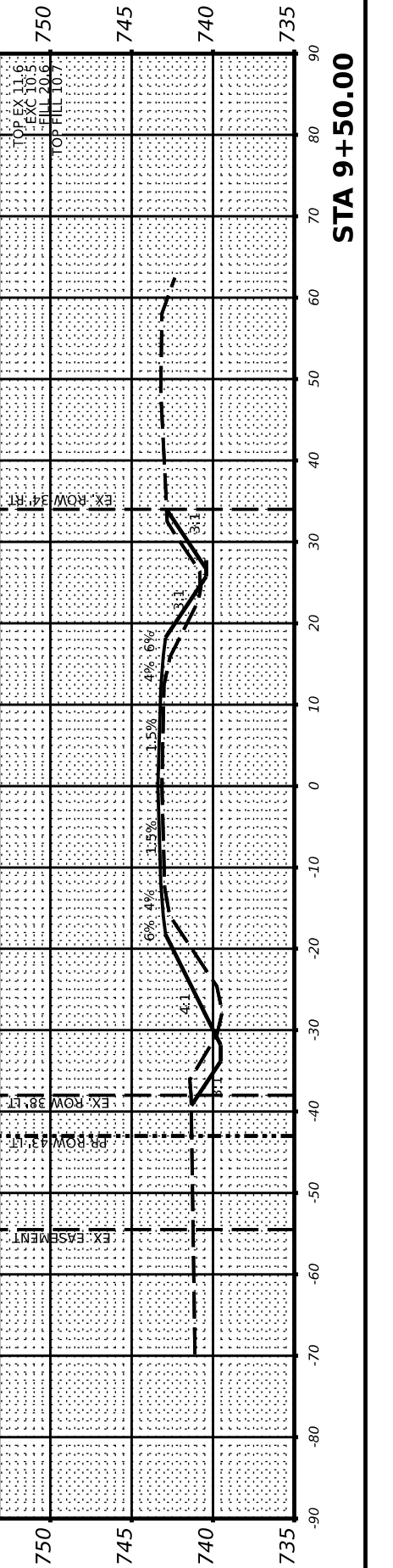
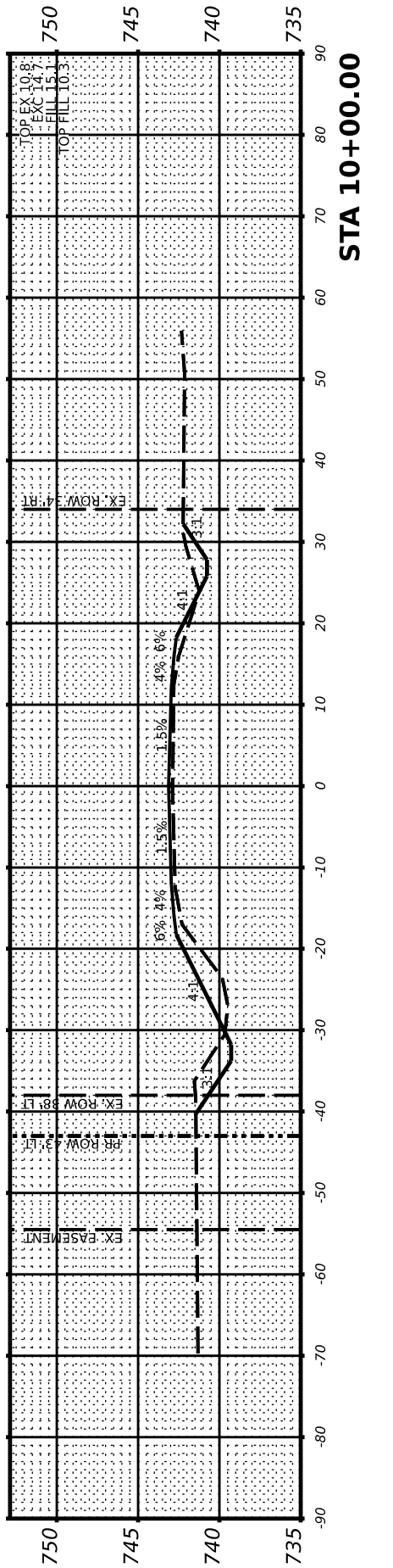
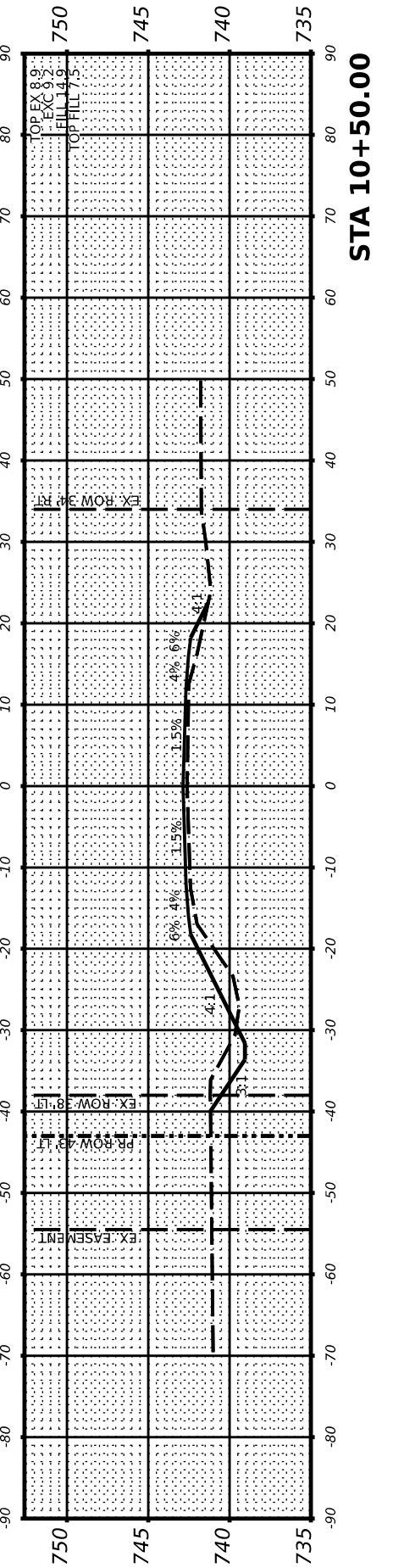
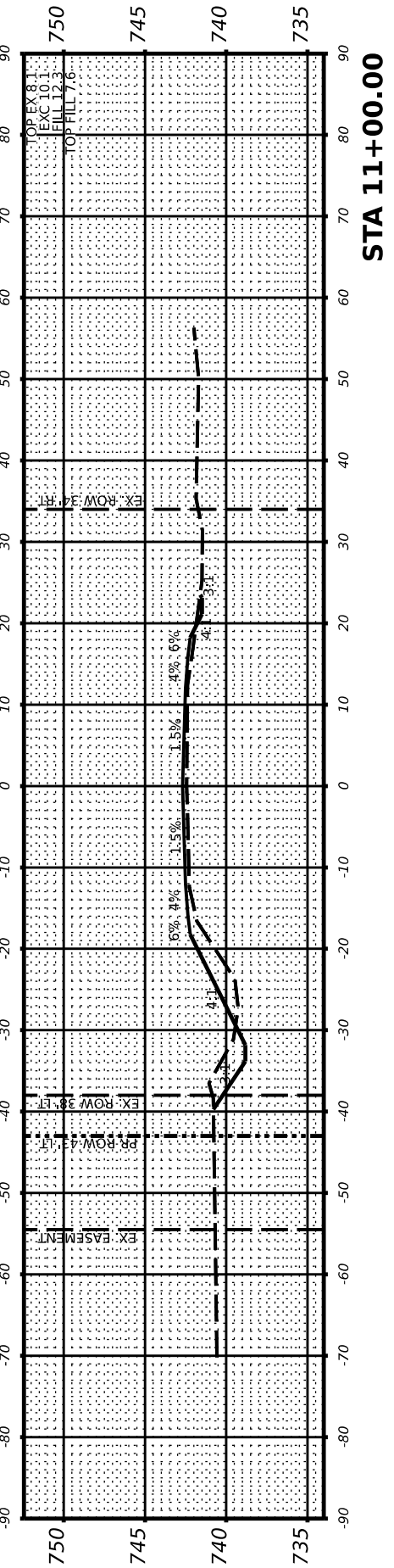
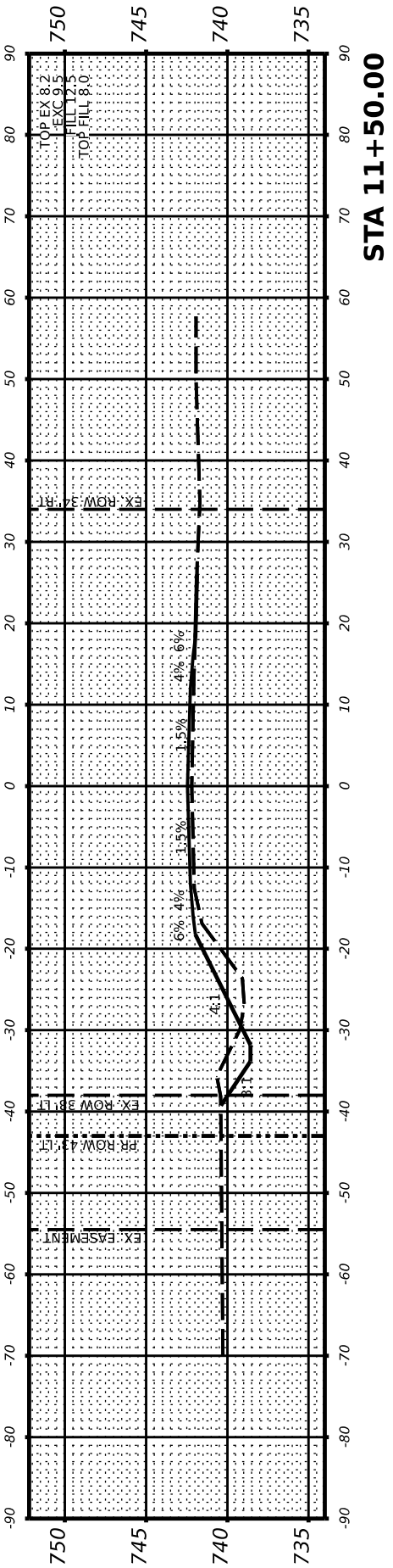
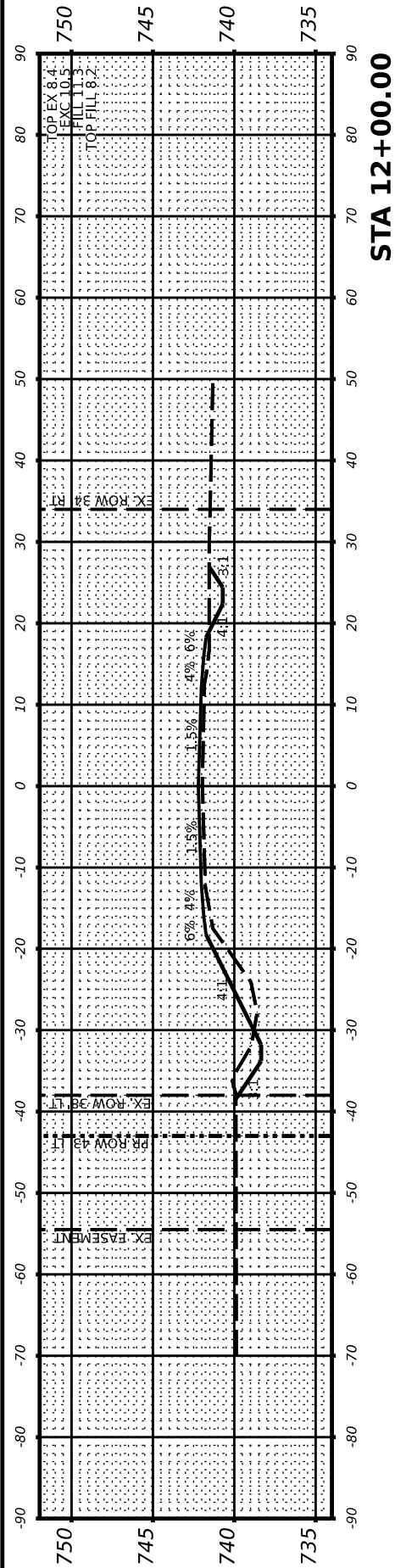
REVISED	-	_____
REVISED	-	_____
REVISED	-	_____
REVISED	-	_____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SCALE	SHEET 0	OF 1	SHEETS	STA. _____
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PHILO SLAB - CH 18
CROSS-SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ROUTE	SECTION	COUNTY	180	92
CONTRACT NO. QNT. 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 \$MODELNAME\$
FILE NAME \$FILE\$

USER NAME	\$USERS
PLOT SCALE	\$SCALE\$
PLOT DATE	\$DATES

DESIGNED	-	____
DRAWN	-	____
CHECKED	-	____
DATE	-	____

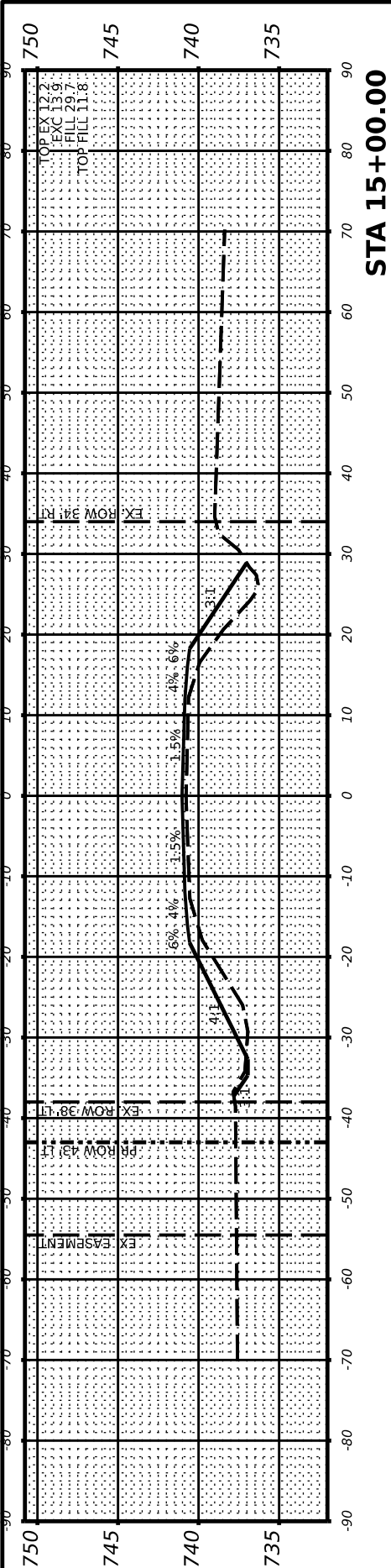
REVISED	-	____
REVISED	-	____
REVISED	-	____
REVISED	-	____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

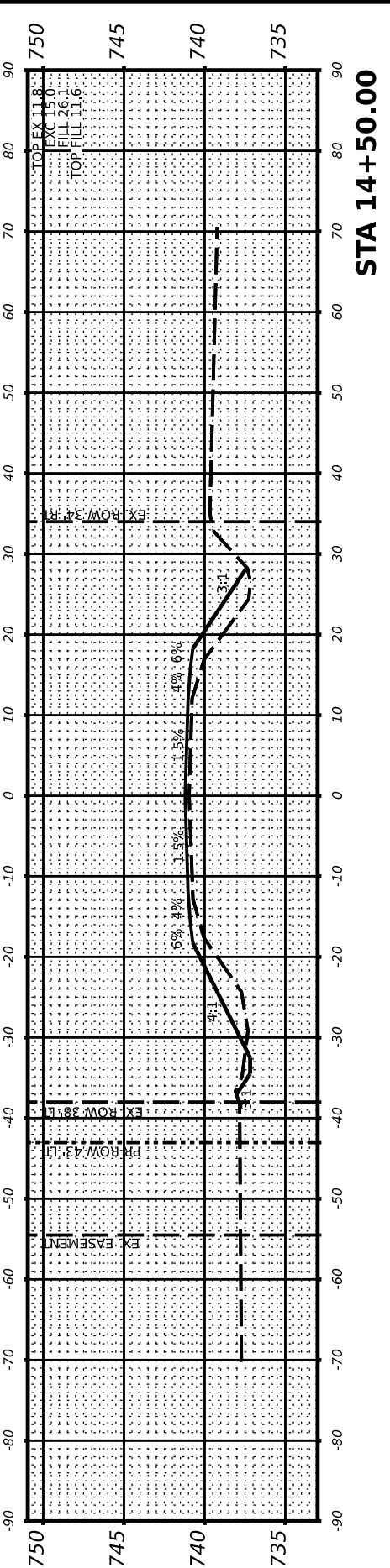
SCALE: SCALE SHEET 0 OF 1 SHEETS STA. _____

PHILO SLAB - CH 18
CROSS-SECTIONS

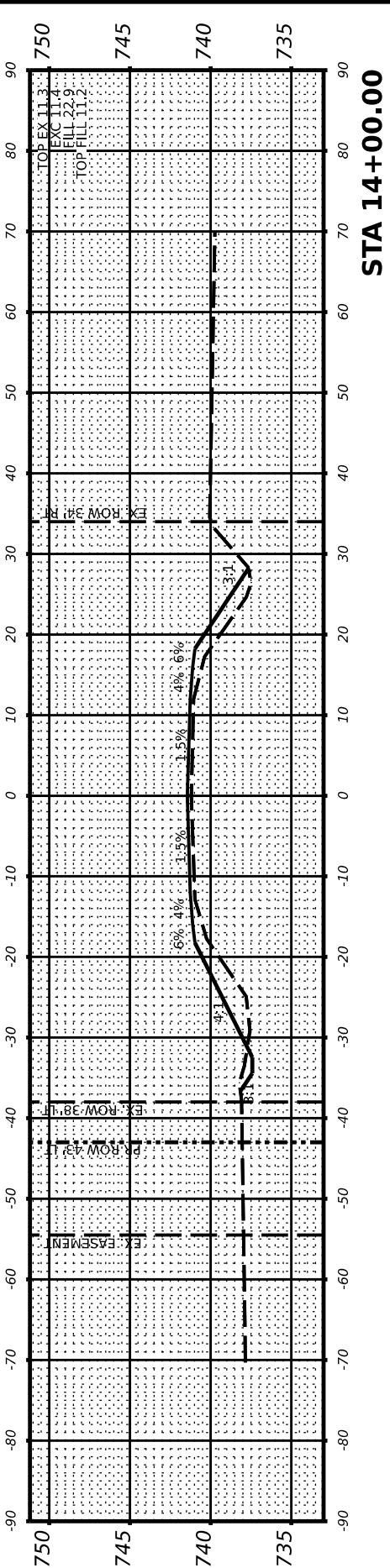
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ROUTE	SECTION	COUNTY	180	93
CONTRACT NO. CNT. NO.				
ILLINOIS FED. AID PROJECT				



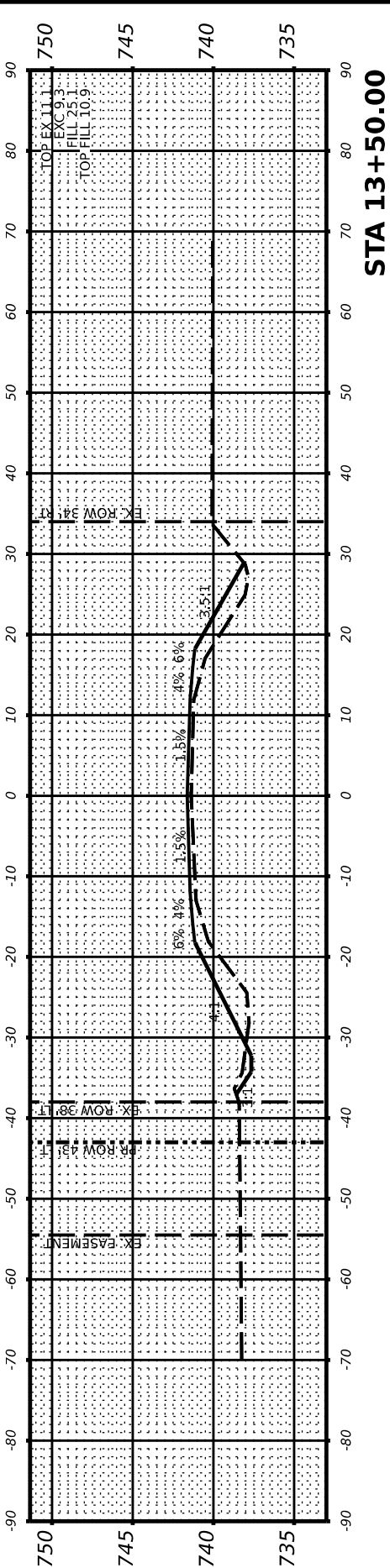
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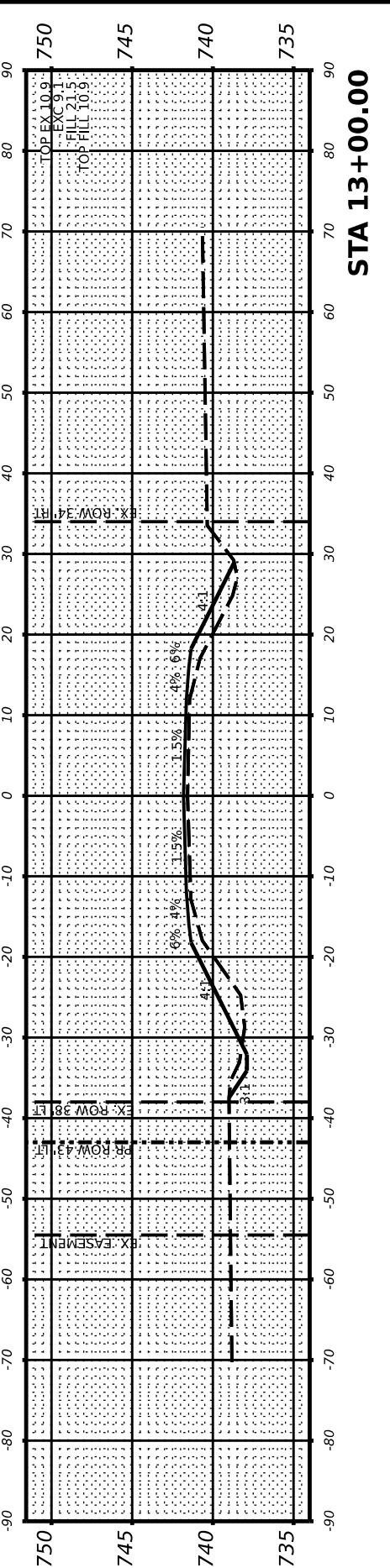
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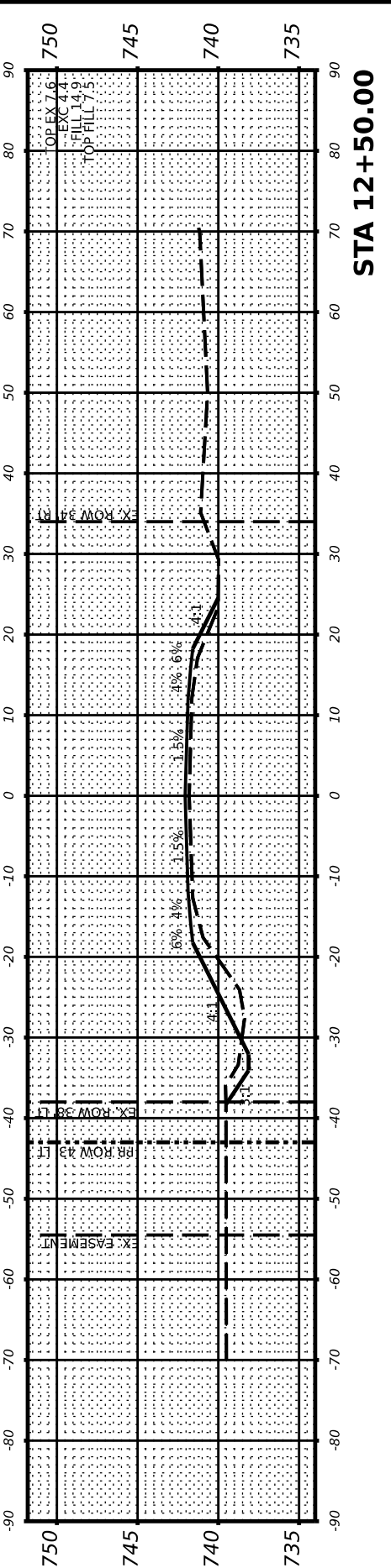
STA 14+00.00



STA 13+50.00



STA 13+00.00



STA 12+50.00

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

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

MODEL \$MODEL\$
FILE NAME \$FILE\$

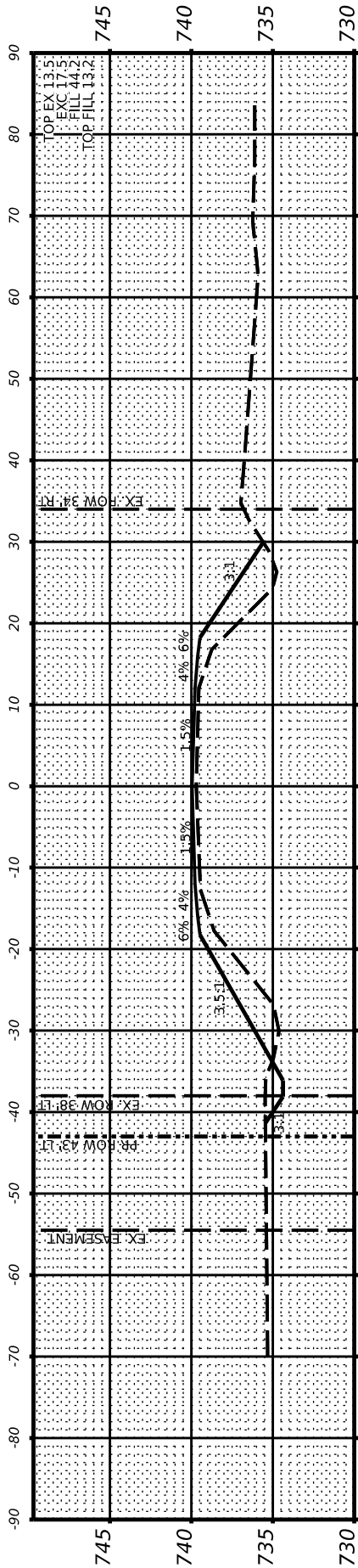
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■ \$USERS	-	-
	DRAWN	REVISED
	-	-
PLOT SCALE	CHECKED	REVISED
■ \$SCALE\$	-	-
PLOT DATE	DATE	REVISED
■ \$DATES	-	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

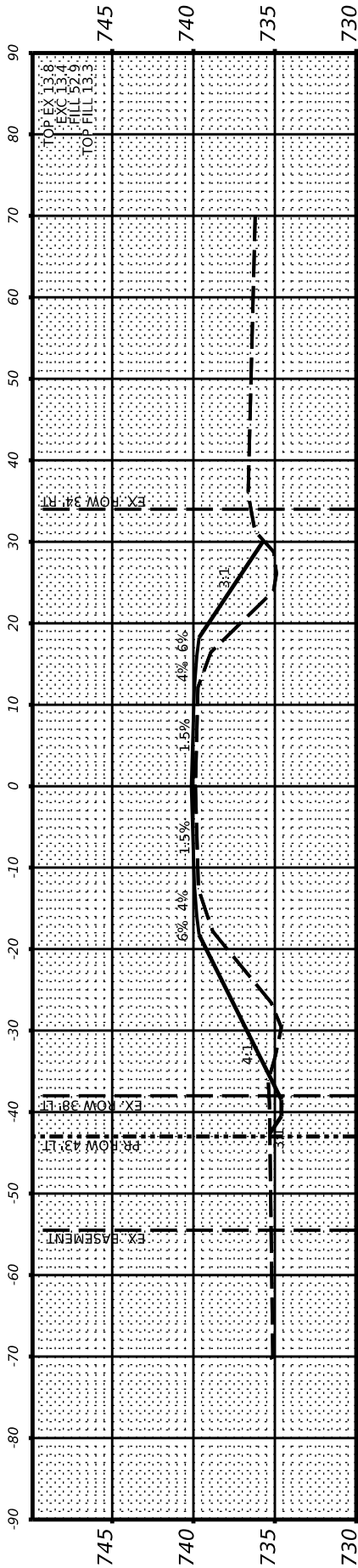
SCALE: SCALE SHEET 0 OF 1 SHEETS STA. _____

PHILO SLAB - CH 18
CROSS-SECTIONS

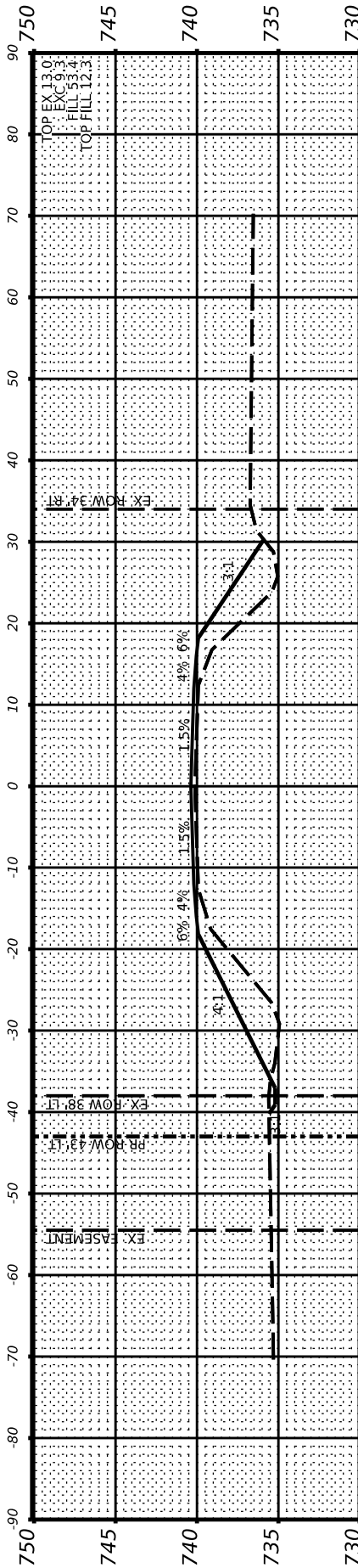
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ROUTE	SECTION	COUNTY	180	94
CONTRACT NO. QNT. NO.				
ILLINOIS		FED. AID PROJECT		



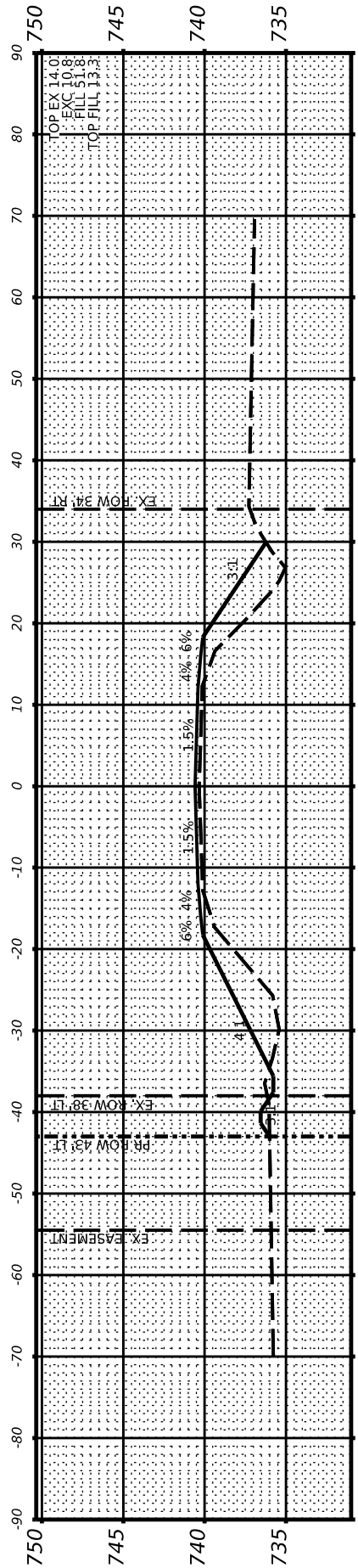
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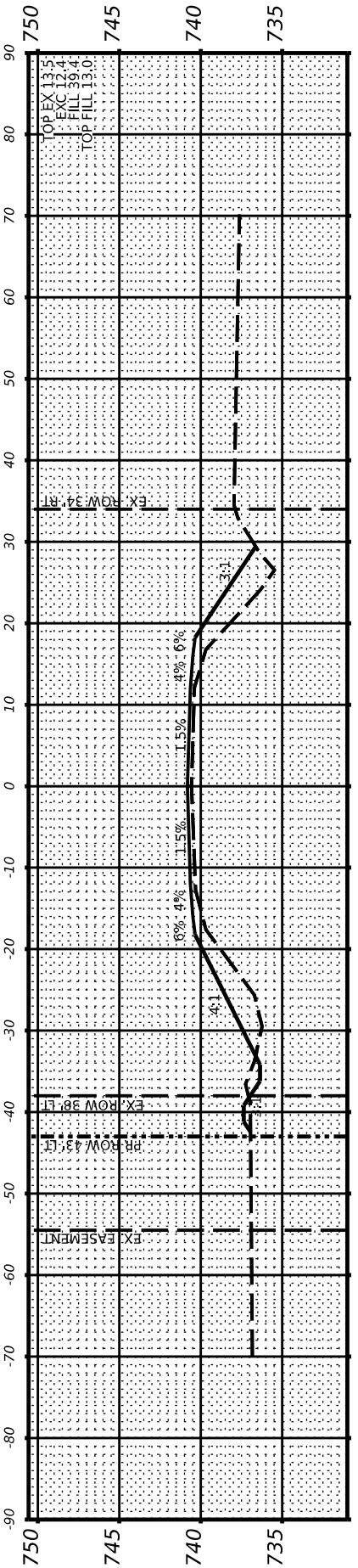
STA 17+00.00



STA 16+50.00

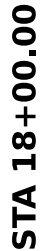


STA 16+00.00



STA 15+50.00

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



USER NAME = \$USER\$	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PHILO SLAB - CH 18 CROSS-SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - _____	REVISED - _____					ROUTE	SECTION	COUNTY	180	95
PLOT SCALE = \$SCALE\$	CHECKED - _____	REVISED - _____		CONTRACT NO. CNT. NO.							
PLOT DATE = \$DATE\$	DATE - _____	REVISED - _____		SCALE: \$SCALE	SHEET 0 OF 1 SHEETS	STA. _____	ILLINOIS FED. AID PROJECT				

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

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

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

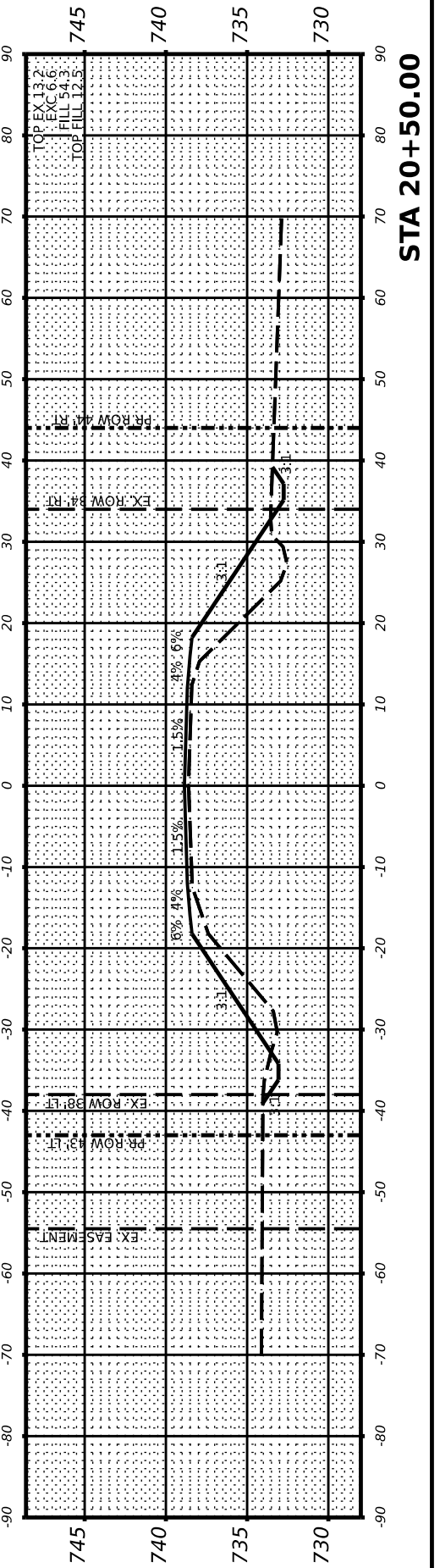
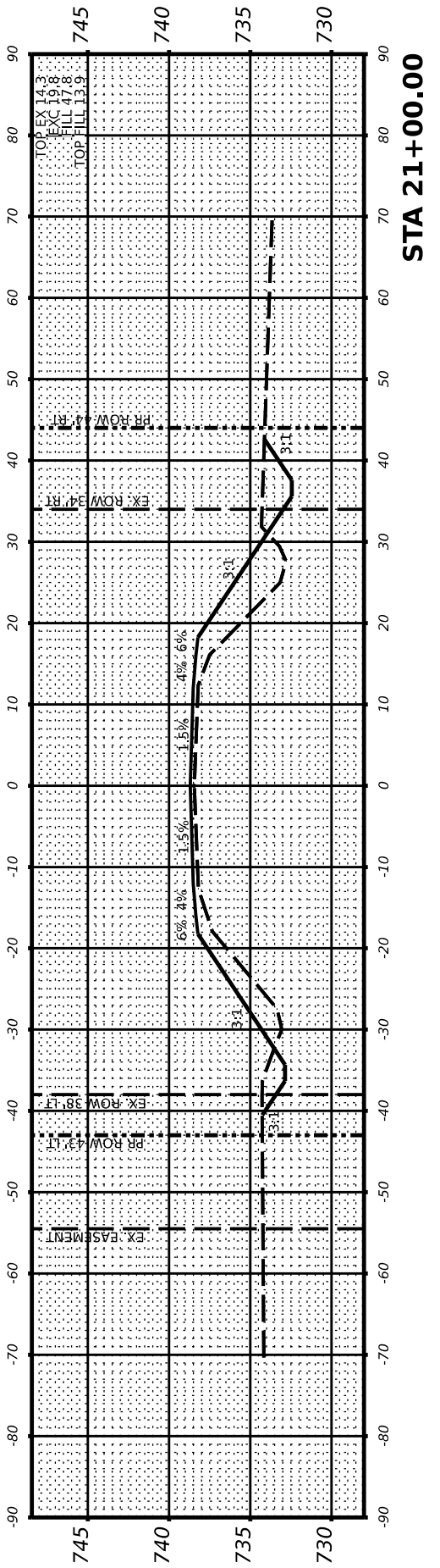
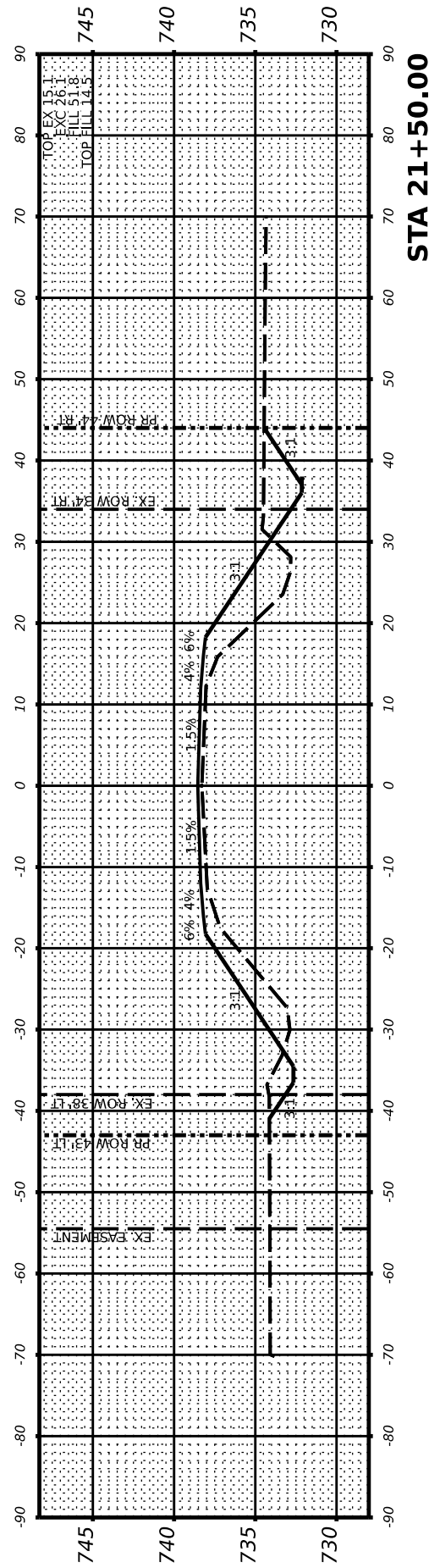
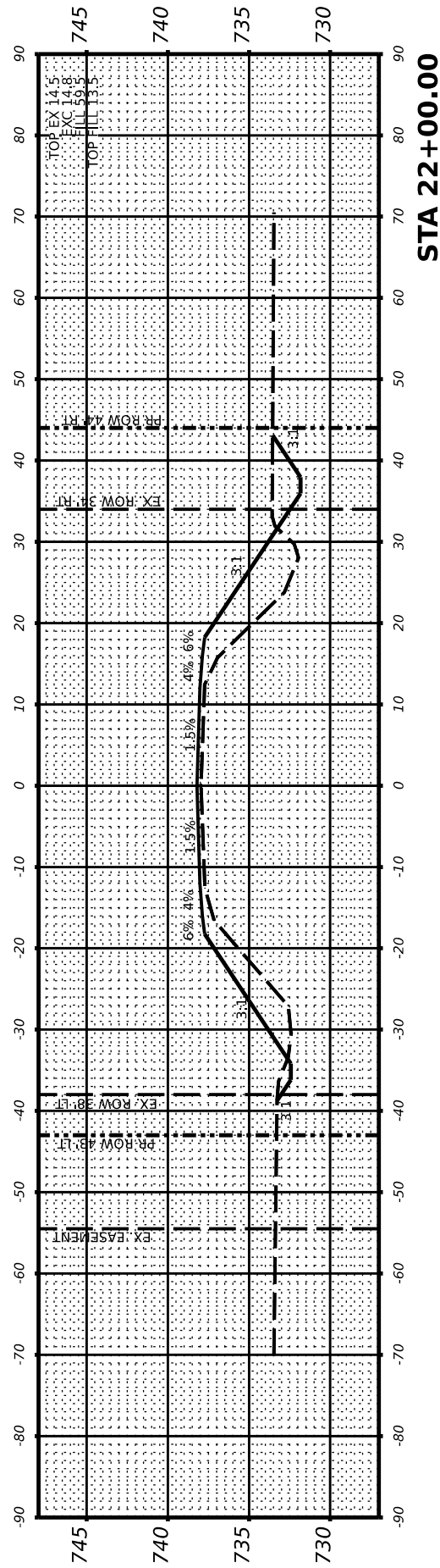
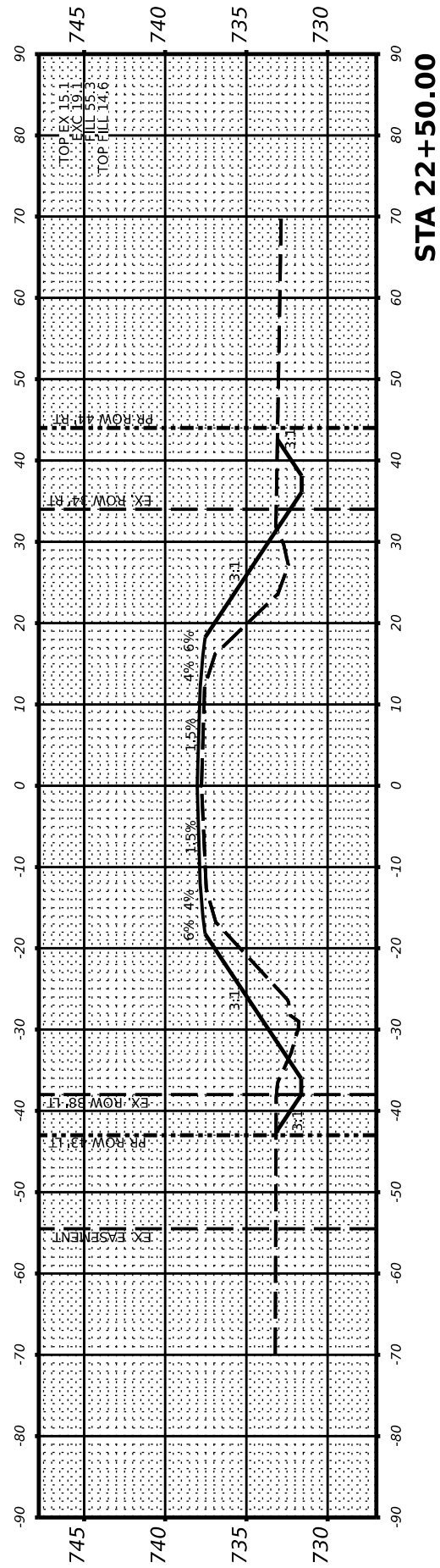
USER NAME ■ \$USER\$	DESIGNED - DATE	REVISED - DATE
	DRAWN - DATE	REVISED - DATE
PLOT SCALE ■ \$SCALE\$	CHECKED - DATE	REVISED - DATE
PLOT DATE ■ \$DATE\$	DATE - DATE	REVISED - DATE

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SCALE	SHEET 0 OF 1 SHEETS	STA. _____
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PHILO SLAB - CH 18
CROSS-SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ROUTE	SECTION	COUNTY	180	96
		CONTRACT NO. <u>CNT.</u> NO.		
ILLINOIS		FED. AID PROJECT		



STA 20+50.00

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

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

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

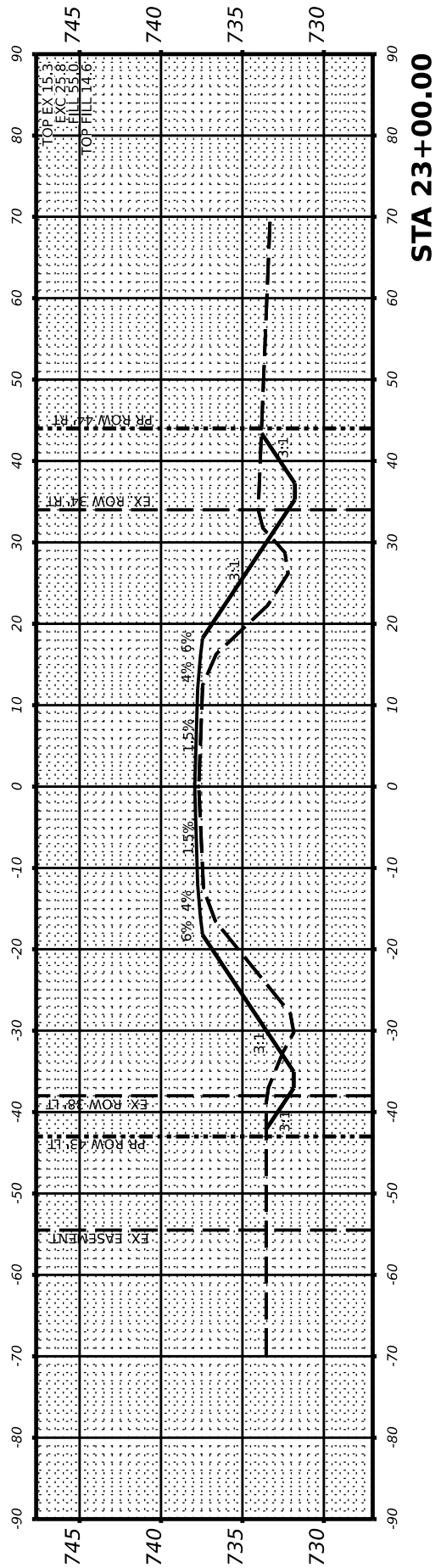
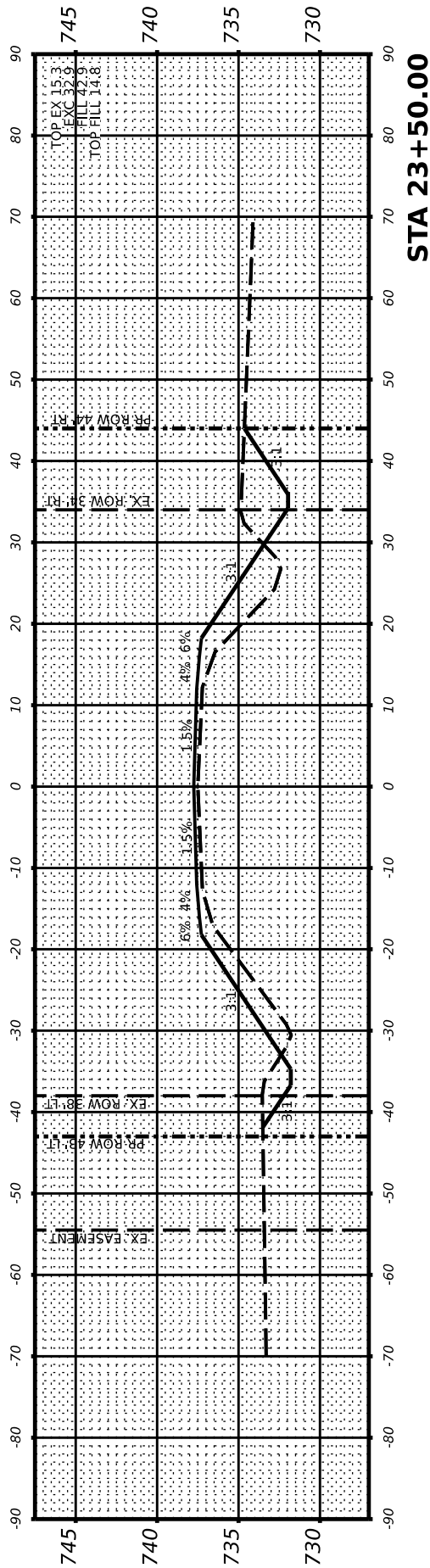
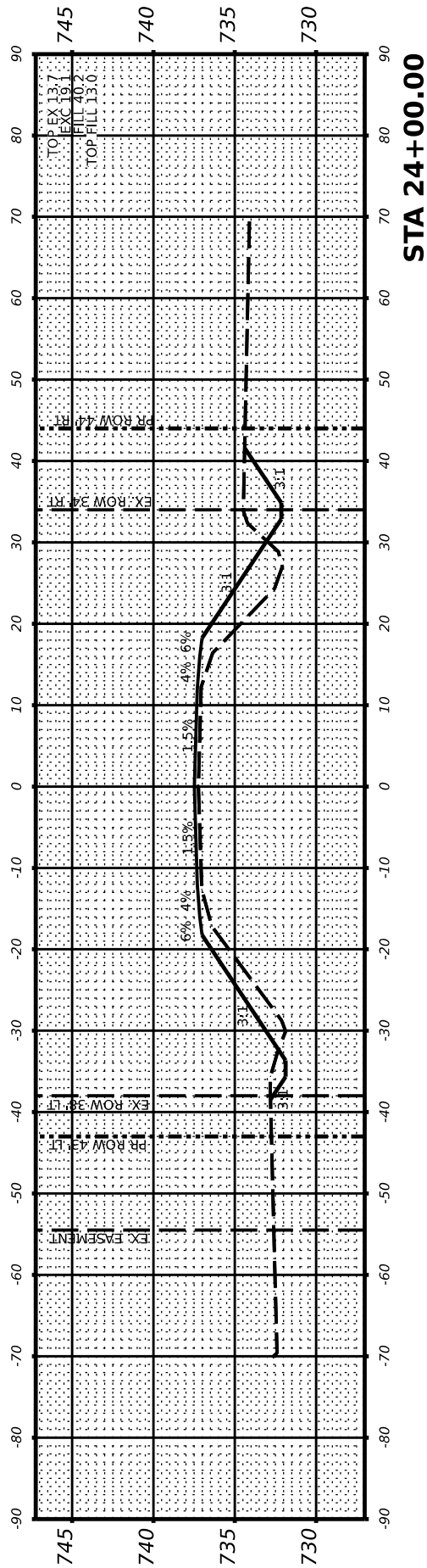
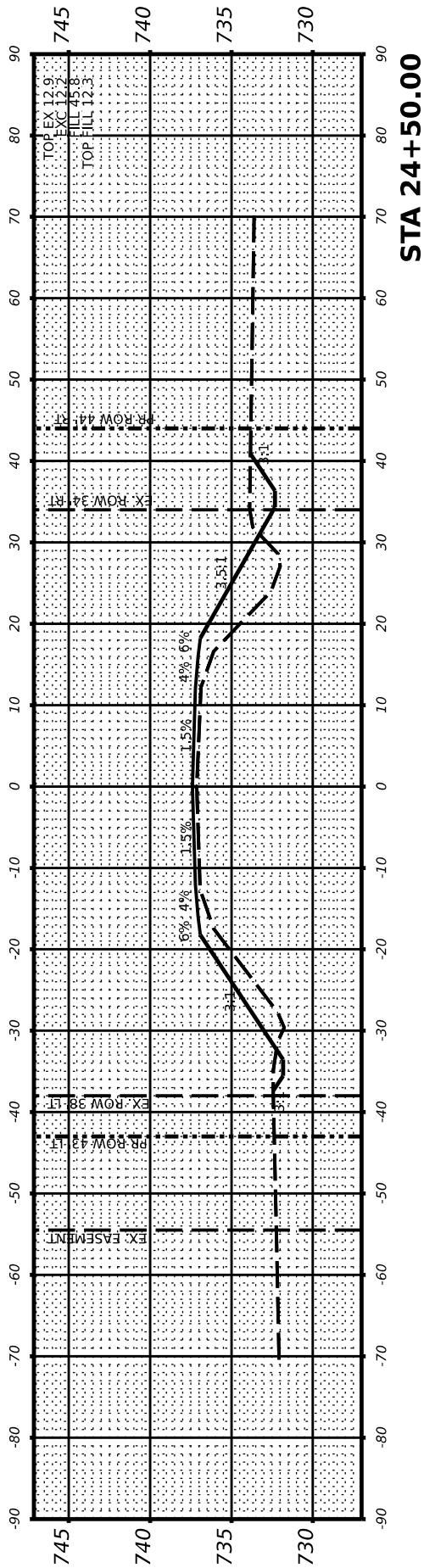
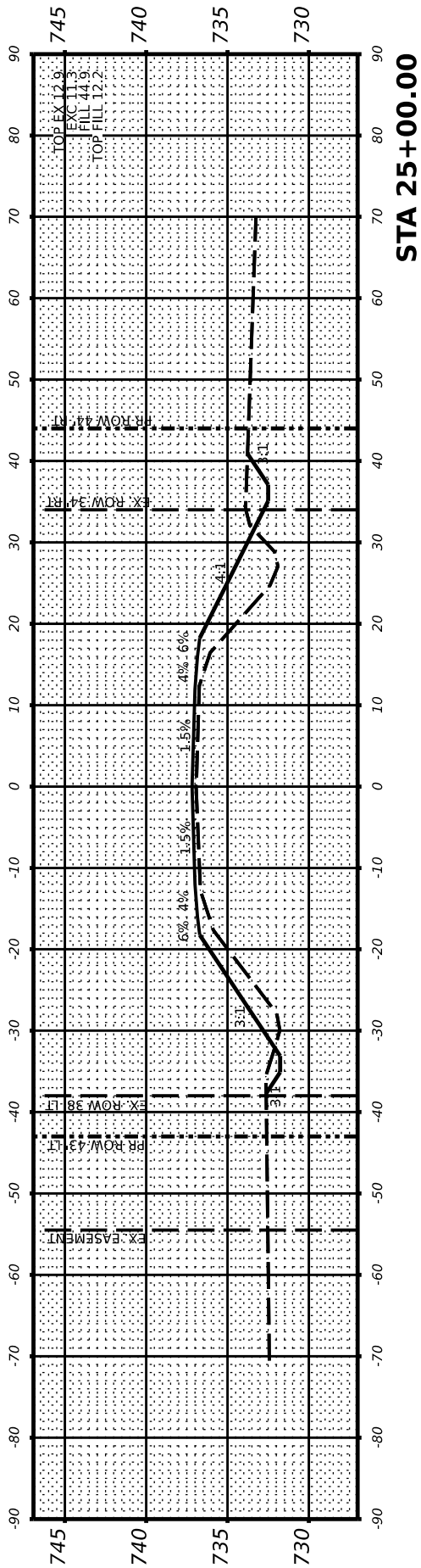
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SCALE	SHEET <u>0</u> OF <u>1</u> SHEETS	STA. _____
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PHILO SLAB - CH 18
CROSS-SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ROUTE	SECTION	COUNTY	180	97
		CONTRACT NO. <u>CNT.</u> NO.		
ILLINOIS		FED. AID PROJECT		



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

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

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

USER NAME	= \$USER\$
PLOT SCALE	= \$SCALE\$
PLOT DATE	= \$DATE\$

DESIGNED	-	_____
DRAWN	-	_____
CHECKED	-	_____
DATE	-	_____

REVISED	-	_____
REVISED	-	_____
REVISED	-	_____
REVISED	-	_____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SCALE

SHEET 0

OF 1 SHEETS

STA. _____

PHILO SLAB - CH 18
CROSS-SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ROUTE	SECTION	COUNTY	180	98
		CONTRACT NO. CNT. NO.		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL \$MODELNAME\$
FILE NAME \$FILES\$

USER NAME	\$USERS
PLOT SCALE	\$SCALE\$
PLOT DATE	\$DATES

DESIGNED	-	_____
DRAWN	-	_____
CHECKED	-	_____
DATE	-	_____

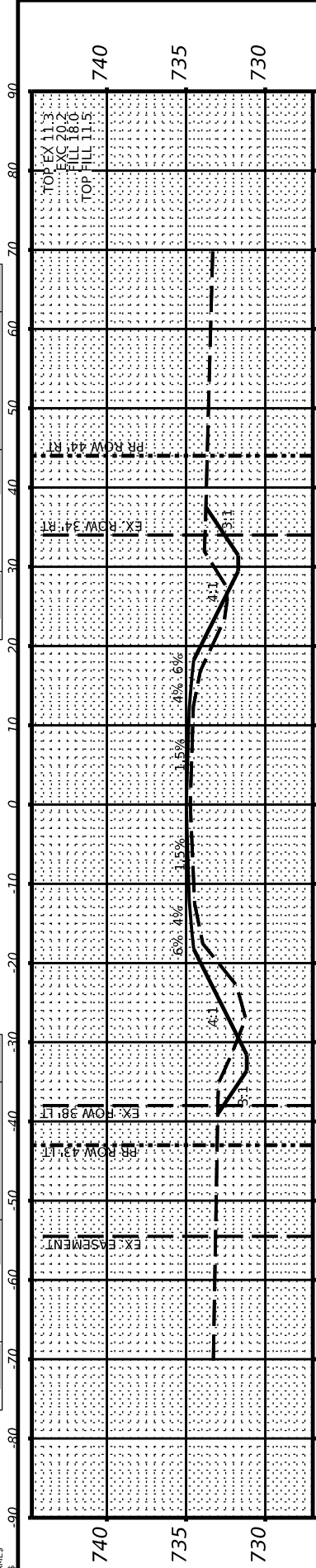
REVISED	-	_____
REVISED	-	_____
REVISED	-	_____
REVISED	-	_____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

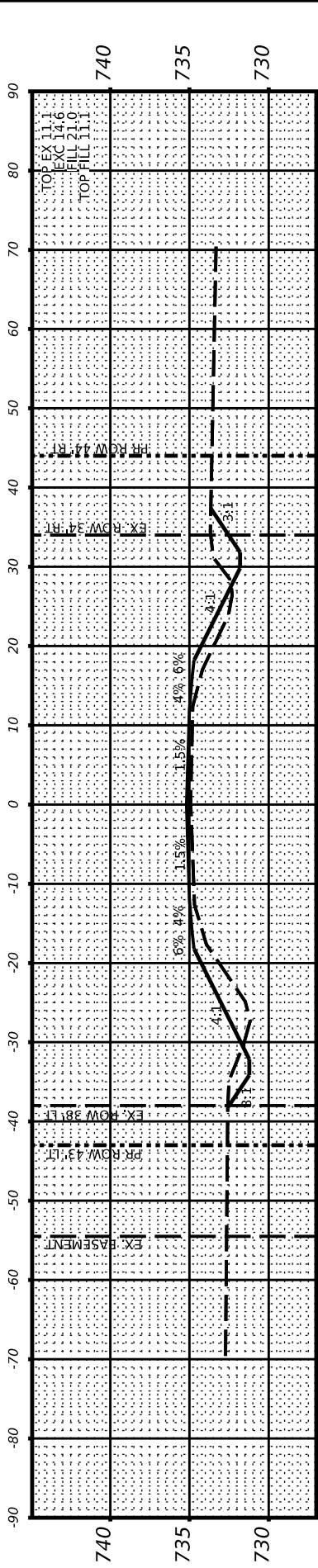
SCALE: SCALE	SHEET 0	OF 1	SHEETS	STA. _____
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PHILO SLAB - CH 18
CROSS-SECTIONS

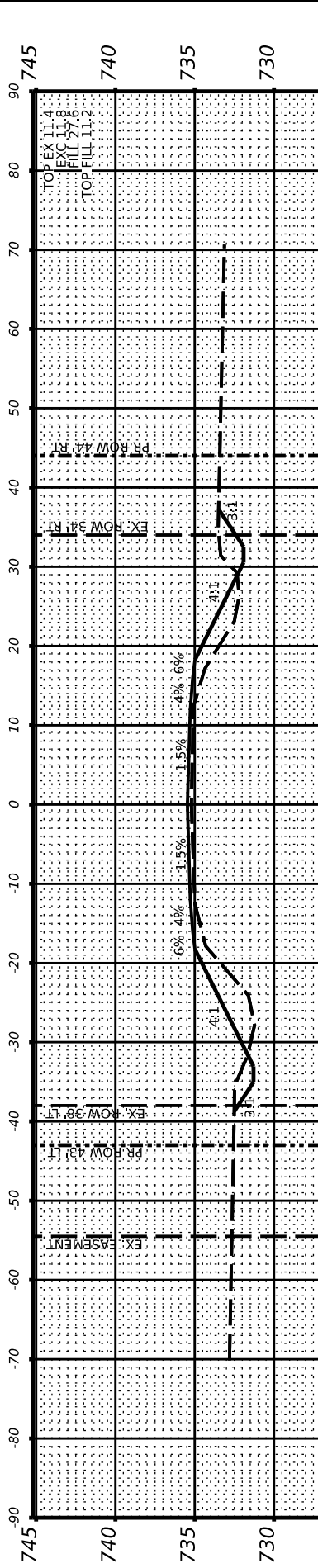
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ROUTE	SECTION	COUNTY	180	99
CONTRACT NO. QNT. NO.				
ILLINOIS FED. AID PROJECT				



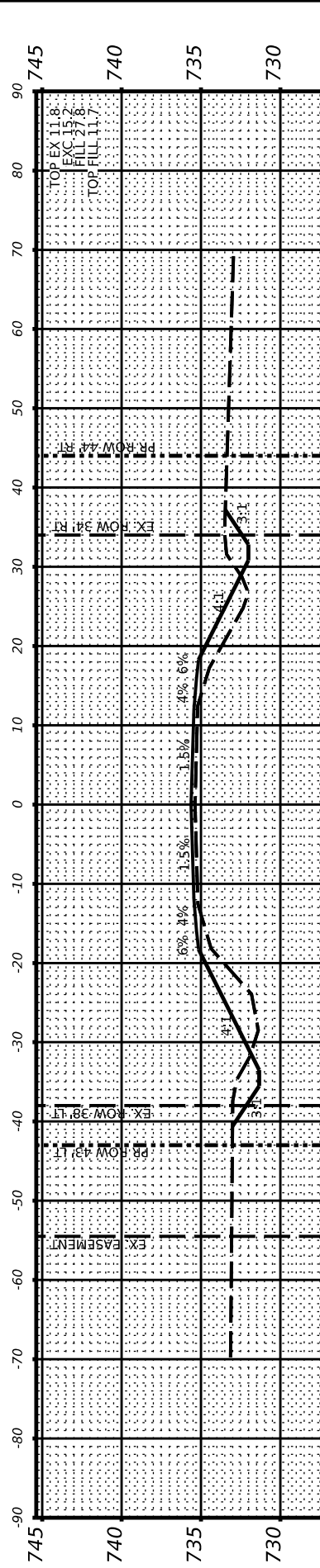
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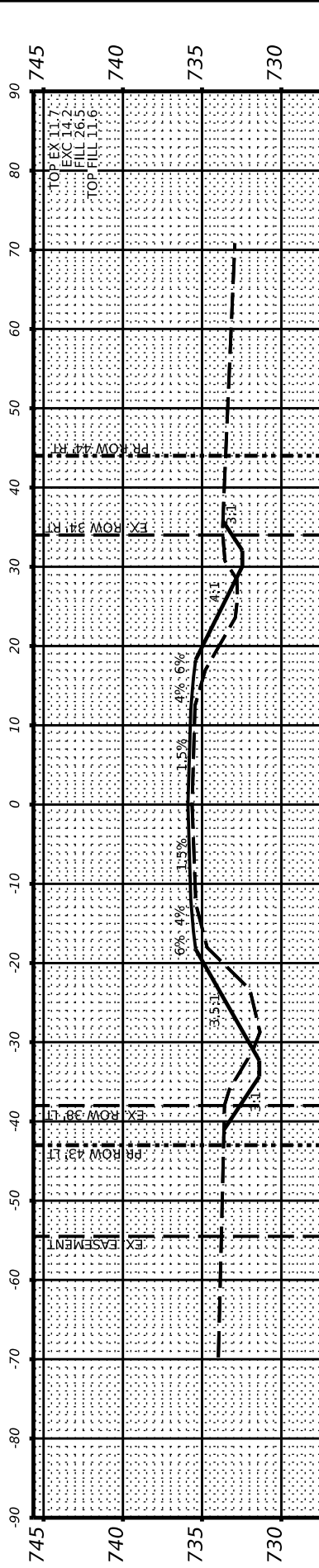
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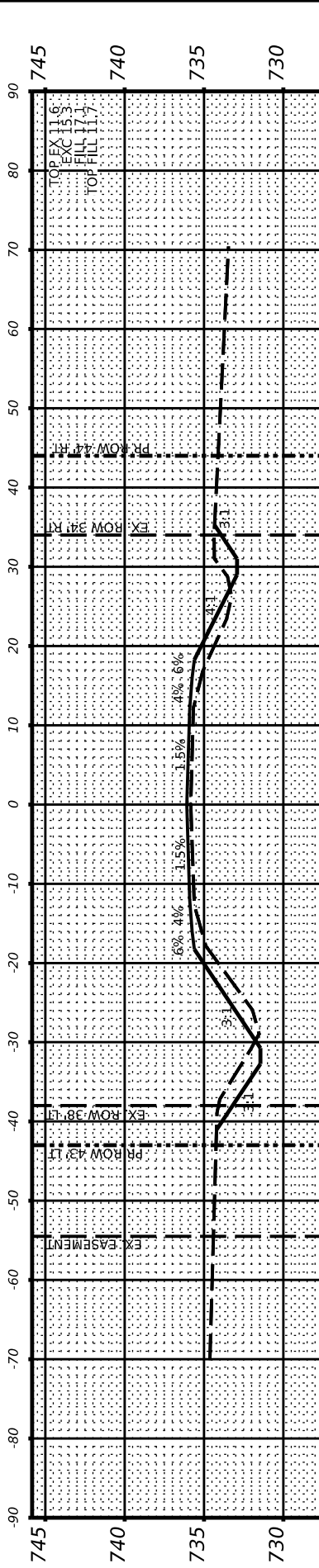
STA 29+50.00



STA 29+00.00



STA 28+50.00



STA 28+00.00

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

USER NAME	= \$USERS
PLOT SCALE	= \$SCALE\$
PLOT DATE	= \$DATES

DESIGNED	-	_____
DRAWN	-	_____
CHECKED	-	_____
DATE	-	_____

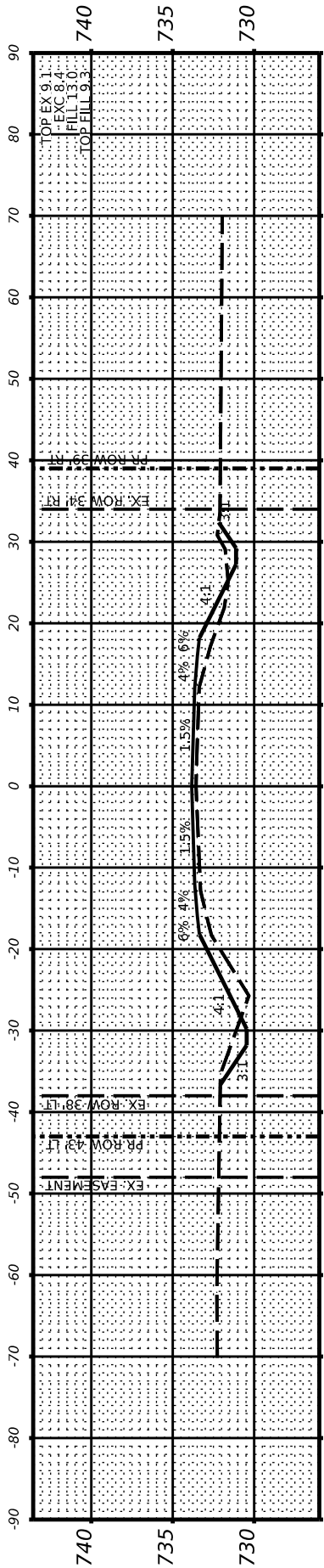
REVISED	-	_____
REVISED	-	_____
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REVISED	-	_____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

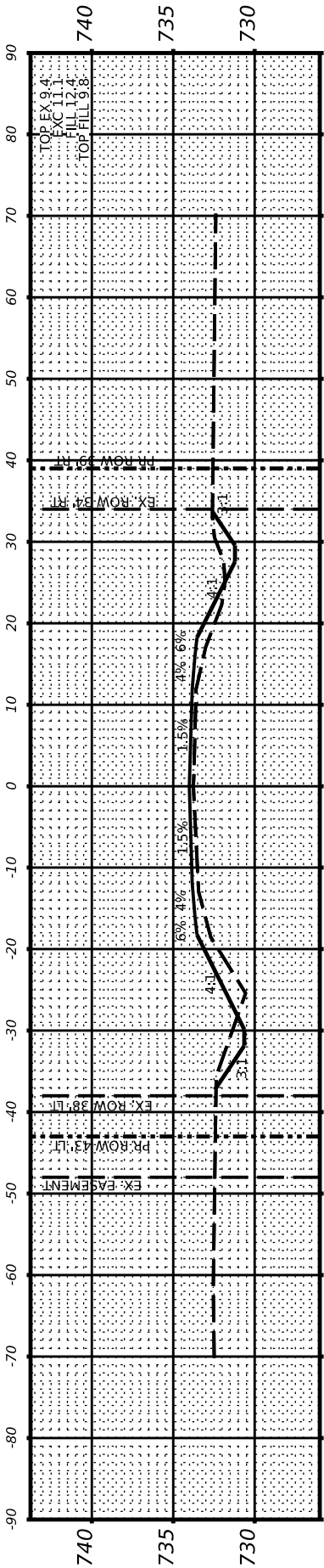
SCALE: SCALE SHEET 0 OF 1 SHEETS STA. _____

PHILO SLAB - CH 18
CROSS-SECTIONS

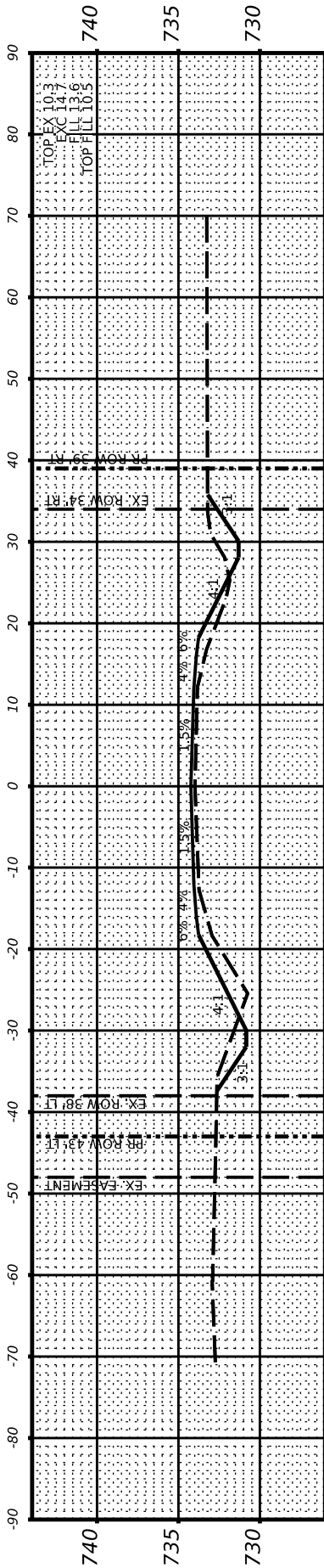
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ROUTE	SECTION	COUNTY	180	100
CONTRACT NO. QNT. NO.				
ILLINOIS FED. AID PROJECT				



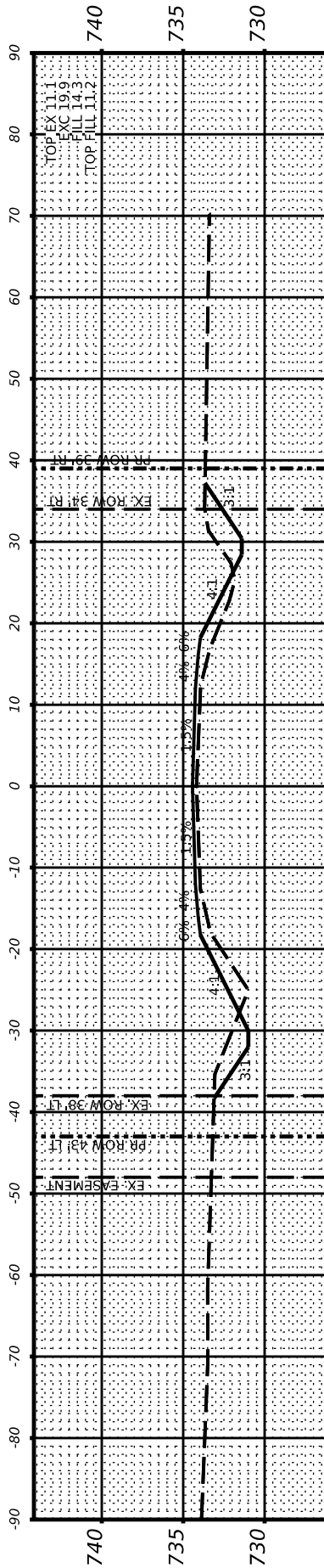
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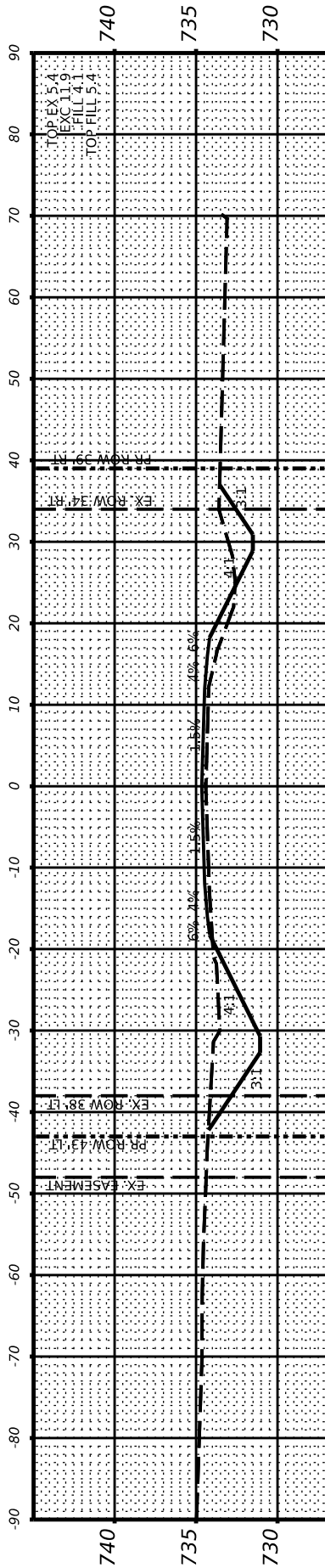
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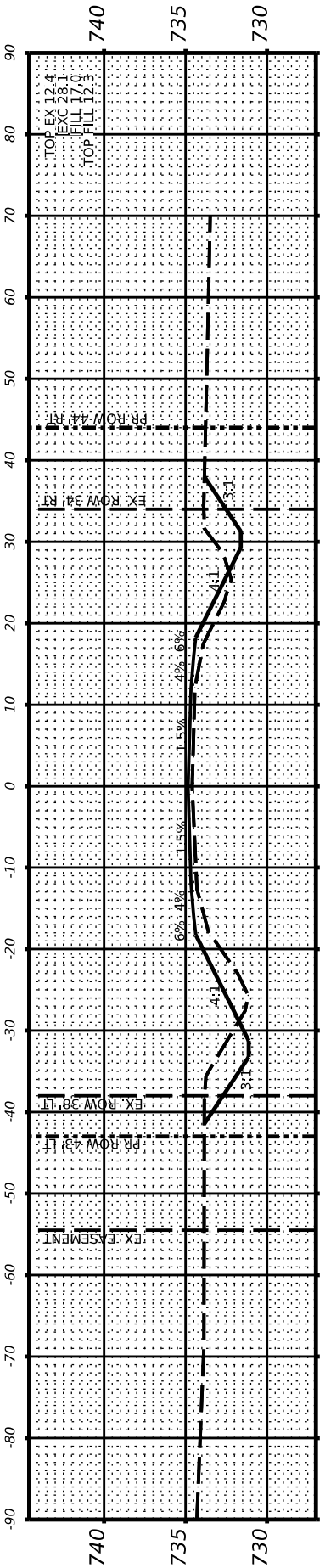
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STA 32+00.00



STA 31+50.00



STA 31+00.00