

**ELECTRIC**

COMMONWEALTH EDISON  
PAUL EDWARDS  
1 LINCOLN CENTER  
OAKBROOK TERRACE, IL 60181

01-17-2025 LETTING ITEM 147

**GAS**

NICOR GAS  
ANNA TRAN  
1844 FERRY RD.  
NAPERVILLE, IL. 60563  
(630) 388-2305

KINDER MORGAN  
MARK CAVAZOS  
1001 LOUISIANA STREET  
HOUSTON, TX 77002  
(713) 420-4363

**TELEPHONE**

ATT  
TOM LASKOWSKI  
1000 COMMERCE DRIVE  
OAK BROOK, IL 60523  
(630) 573-5643

COMCAST  
TED WYMAN  
688 INDUSTRIAL DRIVE  
ELMHURST, IL 60126  
(224) 229-5850

**WATER**

AQUA ILLINOIS, INC.  
STEPHEN PALINSKI  
1000 SOUTH SCHUYLER AVE.  
KANKAKEE, IL. 60901  
(815) 614-2047

**SEWER**

MANTENO DEPARTMENT OF PUBLIC WORKS  
BRUCE HILL  
323 ALANA DRIVE  
NEW LENOX, IL 60451  
(815) 320-7130

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY PROJECT**

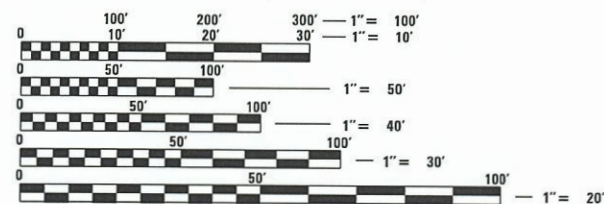
**CH 9 / FAS 311 (MANTENO-DESELM ROAD)  
SECTION 08-00286-00-FP  
PROJECT DD1S(584)  
KANKAKEE COUNTY  
C-93-017-23**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 87805	



**INDEX OF SHEETS**

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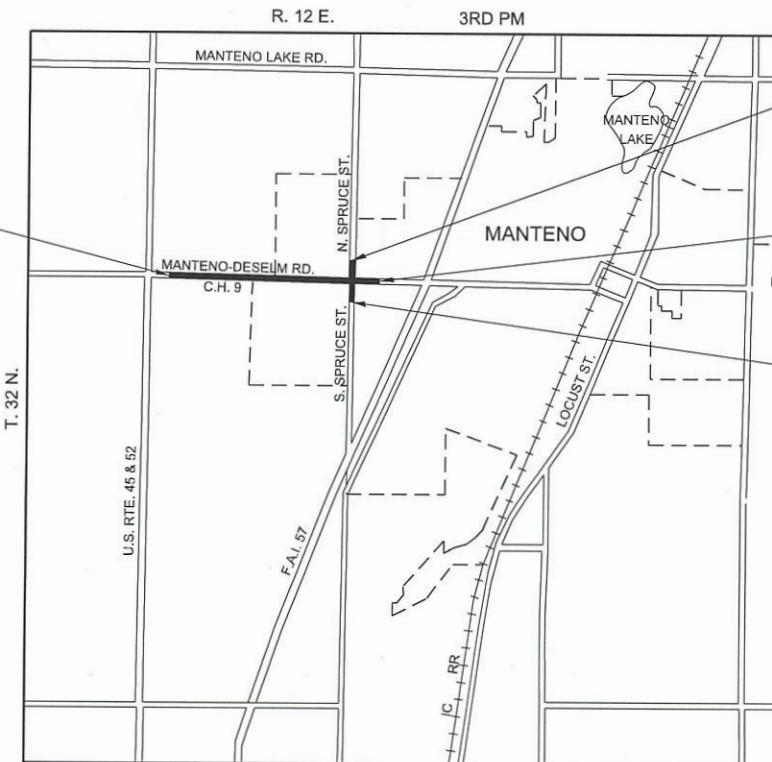


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**PROJECT ENGINEER – BRETT WEDEMEIER  
PROJECT MANAGER – JIM THREADGILL**

**CONTRACT NO. 87805**



SECTION 08-00286-00-FP  
BEGINS  
STA. 15+80.52

SPRUCE ST.  
IMPROVEMENT ENDS  
STA. 305+29.28

SECTION 08-00286-00-FP  
ENDS  
STA. 70+33.41

SPRUCE ST.  
IMPROVEMENT BEGINS  
STA. 294+37.97

MANTENO TOWNSHIP

SCALE: 1" = 1/4 MILE

C.H. 9 (MANTENO-DESELM RD.): TOTAL LENGTH OF PROJECT = 5452.89 LINEAL FEET = 1.033 MILES  
NET LENGTH OF PROJECT = 5452.89 LINEAL FEET = 1.033 MILES  
SPRUCE ST.: TOTAL LENGTH OF PROJECT = 1091.31 LINEAL FEET = 0.207 MILES  
NET LENGTH OF PROJECT = 1091.31 LINEAL FEET = 0.207 MILES



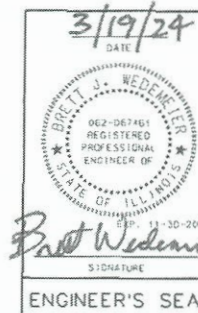
DESIGN CLASSIFICATION = SUBURBAN PRINCIPAL ARTERIAL  
DESIGN ADT = 6894 (2041)  
DESIGN SPEED = 45 MPH

APPROVED MARCH 19, 2024  
KANKAKEE COUNTY ENGINEER

PASSED April 12, 2024  
DISTRICT THREE ENGINEER OF LOCAL ROADS & STREETS

Released For Bid Based on Limited Review April 12, 2024  
REGION TWO ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**GENERAL NOTES**

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

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

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

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

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

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

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

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

THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACE OR BASES ON WHICH THE HOT-MIX ASPHALT MIXTURES ARE TO BE PLACED.

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

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

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

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

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

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

THE CONTRACTOR SHALL COMPLY WITH THE ENVIRONMENTAL PROTECTION AGENCY (E.P.A.) REGULATIONS WHICH APPLY TO STORM SEWER CONSTRUCTION REGARDING THE HORIZONTAL AND VERTICAL SEPARATION OF A STORM SEWER LINE FROM ANY EXISTING OR PROPOSED WATERMAIN. AT LOCATIONS WHERE THE SEPARATION IS INADEQUATE, THE CONTRACTOR SHALL ADJUST THE WATERMAIN TO PROVIDE THE REQUIRED SEPARATION OR CONSTRUCT THE STORM SEWER OF THE MATERIAL SPECIFIED IN THE E.P.A. REGULATIONS.

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

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

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

FOR INLETS AND MANHOLES CONSTRUCTED IN CONJUNCTION WITH THE CURB AND GUTTER, THE STATION, OFFSET AND ELEVATION SHOWN IS AT THE FLOWLINE.

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

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

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

SAW CUT CONSTRUCTION JOINTS SHALL BE PROVIDED AT PAVED COMMERCIAL OR PRIVATE ENTRANCES AND AT ALL SIDE ROADS AS SHOWN ON THE PLANS. THIS SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE COURSE.

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

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

ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS OR DITCHES AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID IN ACCORDANCE WITH ARTICLE 109.04.

TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05.

TOPSOIL SHALL BE PLACED AT A DEPTH OF FOUR INCHES (4").

THE CROSS SECTIONS INDICATE THE FINISHED GRADE OF TOP SOIL.

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

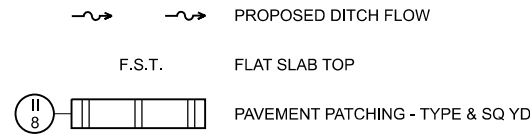
THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS .....	2.05 TONS/CU YD
BITUMINOUS MATERIALS PRIME COAT .....	0.25 LBS/SQ FT OR
	0.05 LBS/SQ FT OR
	0.025 LBS/SQ FT
AGGREGATE PRIME COAT .....	0.002 TONS/SQ YD.
HOT-MIX ASPHALT SURFACE COURSE .....	112 LBS/SQ YD/INCH
HOT-MIX ASPHALT BINDER COURSE .....	112 LBS/SQ YD/INCH
NITROGEN FERTILIZER NUTRIENT .....	60 LBS/ACRE (SODDING) 90 LBS/ACRE (SEEDING)
PHOSPHORUS FERTILIZER NUTRIENT .....	60 LBS/ACRE (SODDING) 90 LBS/ACRE (SEEDING)
POTASSIUM FERTILIZER NUTRIENT .....	60 LBS/ACRE (SODDING) 90 LBS/ACRE (SEEDING)
SHORT TERM PAVEMENT MARKING .....	10 FT/100 FT OF FINAL APPLICATION
SUPPLEMENTAL WATERING .....	3 GAL/SQ YD

**LIST OF STANDARDS**

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-10 PAVEMENT JOINTS
- 420101-07 24 FT JOINTED PAVEMENT
- 424001-12 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 442201-03 CLASS C & D PATCHES
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542306-03 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
- 602301-04 INLET - TYPE A
- 602306-03 INLET - TYPE B
- 602401-07 PRECAST MANHOLE TYPE A 4' DIAMETER
- 602402-03 PRECAST MANHOLE TYPE A 5' DIAMETER
- 602411-09 PRECAST MANHOLE TYPE A 7' DIAMETER
- 602601-06 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-05 FRAME AND LIDS TYPE 1
- 604051-04 FRAME AND GRATE TYPE 11
- 604091-05 FRAME AND GRATE TYPE 24
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 667101-02 PERMANENT SURVEY MARKERS
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-09 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701901-10 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720016-04 MAST ARM MOUNTED STREET NAME SIGNS
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 814001-03 HANDHOLES
- 814006-03 DOUBLE HANDHOLES
- 821101-03 LUMINAIRE WIRING IN POLE
- 838001-01 BREAKAWAY DEVICES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING
- 877011-10 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 877012-07 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
- 878001-11 CONCRETE FOUNDATION DETAILS
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- B.L.R. 17-4 TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
- B.L.R. 18-6 TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE
- B.L.R. 22-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO-WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

**LEGEND**



MODEL: \$MODEL\$NAMES  
FILE NAME: Y:\31051-1-Manteno-Deسلم-Recon\CADD\Sheet\Phase II\31051-1-shh-gen.dgn



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	DRAWN -	REVISED -
PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2024	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
LIST OF STANDARDS, GENERAL NOTES AND LEGEND**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	2
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	230
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	464
20200100	EARTH EXCAVATION	CU YD	29283
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	7556
20800150	TRENCH BACKFILL	CU YD	761
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	5332
* 25000210	SEEDING, CLASS 2A	ACRE	6.50
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	585
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	585
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	585
* 25100115	MULCH, METHOD 2	ACRE	6.50
* 25100630	EROSION CONTROL BLANKET	SQ YD	30728
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1908
28000305	TEMPORARY DITCH CHECKS	FOOT	210
28000400	PERIMETER EROSION BARRIER	FOOT	4977
28000500	INLET AND PIPE PROTECTION	EACH	9
28000510	INLET FILTERS	EACH	69
28100107	STONE RIPRAP, CLASS A4	SQ YD	17
28200200	FILTER FABRIC	SQ YD	17
30300011	AGGREGATE SUBGRADE IMPROVEMENT	TON	2126
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	39751
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1186
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	521
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	216
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	400
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	160
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2753
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2788
40600370	LONGITUDINAL JOINT SEALANT	FOOT	1386
40600990	TEMPORARY RAMP	SQ YD	227
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	284
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	547
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	186
42000411	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	SQ YD	34732
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	566
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	491
42400800	DETECTABLE WARNINGS	SQ FT	67
44000100	PAVEMENT REMOVAL	SQ YD	21304
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	5872
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	355

\* = SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
44004000	PAVED DITCH REMOVAL	FOOT	27
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	233
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	39
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	479
50105220	PIPE CULVERT REMOVAL	FOOT	331
50800105	REINFORCEMENT BARS	POUND	3180
54002020	EXPANSION BOLTS 3/4 INCH	EACH	14
54003000	CONCRETE BOX CULVERTS	CU YD	16.9
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	14
54214719	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 24"	EACH	1
54214731	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	EACH	1
54262715	METAL FLARED END SECTIONS 15"	EACH	10
5421D018	PIPE CULVERTS, CLASS D, TYPE 1 18" (TEMPORARY)	FOOT	30
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	161
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	302
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	952
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	283
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	1678
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1406
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	883
550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	1956
550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	53
55100500	STORM SEWER REMOVAL 12"	FOOT	9
55100900	STORM SEWER REMOVAL 18"	FOOT	237
55101600	STORM SEWER REMOVAL 36"	FOOT	45
60100915	PIPE DRAINS 6"	FOOT	200
60100925	PIPE DRAINS 8"	FOOT	200
60100935	PIPE DRAINS 10"	FOOT	200
60100945	PIPE DRAINS 12"	FOOT	200
60100955	PIPE DRAINS 15"	FOOT	200
60100965	PIPE DRAINS 18"	FOOT	200
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	36
60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	15
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	64
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	2
60500040	REMOVING MANHOLES	EACH	1
60500060	REMOVING INLETS	EACH	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	189

\* = SPECIALTY ITEM

MODEL: S:\MODEL\NAMES  
FILE NAME: V:\5051 - Manteno-DeSelm\_Recon\CADD\CADD Sheets\PHASE II\5051\_sht-SQ00.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	3
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	9778
60905305	BOX CULVERTS TO BE CLEANED	FOOT	212
61100605	MISCELLANEOUS CONCRETE	CU YD	10.0
61101007	STORM SEWERS PROTECTED, CLASS A, 6"	FOOT	200
61101009	STORM SEWERS PROTECTED, CLASS A, 8"	FOOT	200
61101011	STORM SEWERS PROTECTED, CLASS A, 10"	FOOT	200
61101013	STORM SEWERS PROTECTED, CLASS A, 12"	FOOT	200
61101017	STORM SEWERS PROTECTED, CLASS A, 15"	FOOT	200
61101020	STORM SEWERS PROTECTED, CLASS A, 18"	FOOT	200
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	3
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	3
61133300	FIELD TILE JUNCTION VAULTS, 4' DIA.	EACH	3
61139900	STORM SEWERS (SPECIAL), 6"	FOOT	200
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	200
61140100	STORM SEWERS (SPECIAL), 10"	FOOT	200
61140200	STORM SEWERS (SPECIAL), 12"	FOOT	200
61140400	STORM SEWERS (SPECIAL), 15"	FOOT	200
61140600	STORM SEWERS (SPECIAL), 18"	FOOT	200
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	2
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1841
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5
67100100	MOBILIZATION	L SUM	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	238
70300100	SHORT TERM PAVEMENT MARKING	FOOT	224
* 70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	1763
* 70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	240954
* 70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	4172
* 70300251	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT	FOOT	2876
* 70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	5292
* 70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	911
* 72000100	SIGN PANEL - TYPE 1	SQ FT	149
* 72000200	SIGN PANEL - TYPE 2	SQ FT	10
* 73000100	WOOD SIGN SUPPORT	FOOT	271
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1763
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	52176
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	4172
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	2876

\* = SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	5292
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	278
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	249
* 78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	20017
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	389
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	17
* 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	92
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	66
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	64
* 81400710	HEAVY-DUTY HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
* 81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
* 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	603
* 82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	2
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
* 86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	221
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	601
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1238
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1957
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	62
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1 C	FOOT	525
* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
* 87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	2
* 87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	2
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26
* 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	42
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
* 88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5
* 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	5
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
* 88700200	LIGHT DETECTOR	EACH	4
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
* 80324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	379

\* = SPECIALTY ITEM

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PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	4
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		CODE NO.	ITEM	UNIT	TOTAL QUANTITY
* X1400318	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	17					
X2111110	TOPSOIL PLACEMENT	CU YD	3138					
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	4					
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4					
X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	7					
X5000015	REMOVE AND RE-INSTALL PIPE CULVERTS	FOOT	115					
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1					
* X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1					
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2					
* X8870510	CONFIRMATION BEACON	EACH	4					
* X8891001	VIDEO VEHICLE DETECTION SYSTEM	EACH	1					
Z0013798	CONSTRUCTION LAYOUT	L SUM	1					
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	84					
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	4					
Z0062456	TEMPORARY PAVEMENT	SQ YD	7783					
* Z0073509	PERMANENT TRAFFIC SIGNAL TIMING	EACH	1					
# Z0076600	TRAINEES	hour	2000					
* XX009634	BORING DRILLING FOR TRAFFIC SIGNAL FOUNDATIONS	EACH	4					
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2000					

\* = SPECIALTY ITEM  
# = 0042

\* = SPECIALTY ITEM

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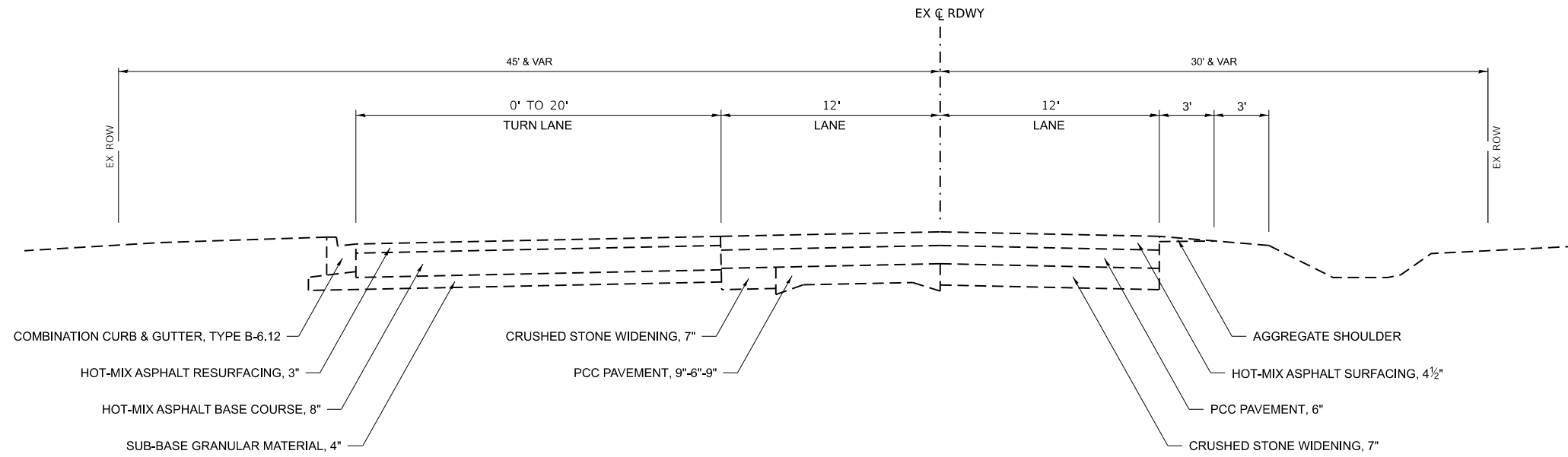
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**KANKAKEE COUNTY HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD) SUMMARY OF QUANTITIES**

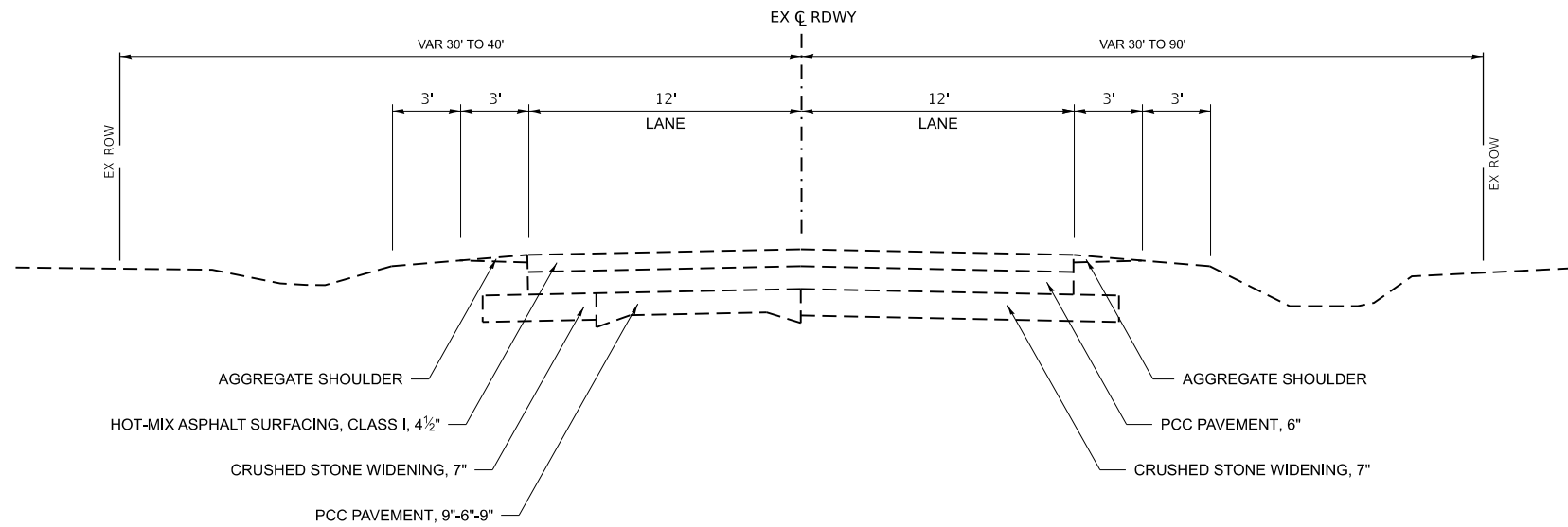
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87805	



**EXISTING TYPICAL SECTION  
C.H. 9 (MANTENO-DESELM RD.)**

STA. 11+00.00 TO STA. 15+80.30



**EXISTING TYPICAL SECTION  
C.H. 9 (MANTENO-DESELM RD.)**

STA. 15+80.30 TO STA. 60+00.00

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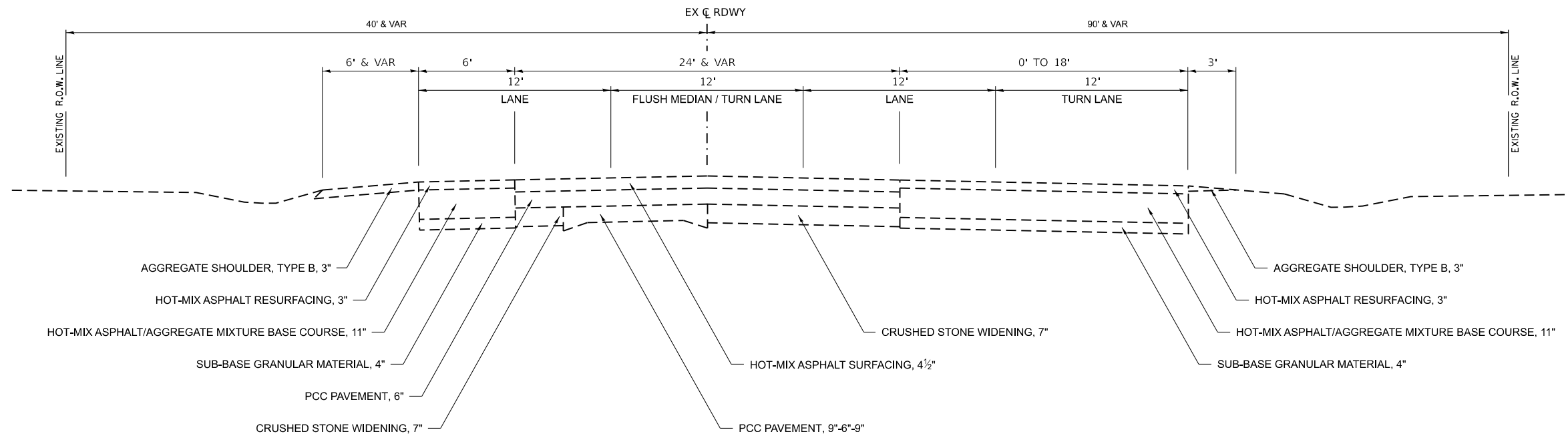
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PLOT DATE = 3/21/2024	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
EXISTING TYPICAL SECTIONS**

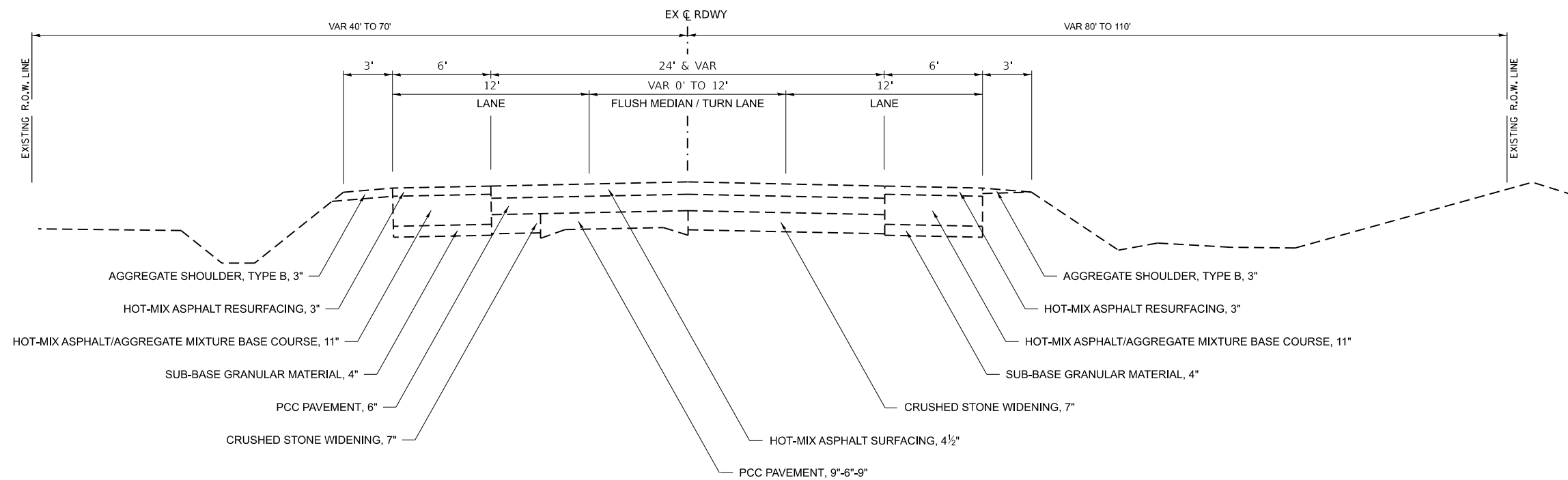
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	6
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION  
C.H. 9 (MANTENO-DESELM RD.)**

STA. 60+00.00 TO STA. 62+56.33



**EXISTING TYPICAL SECTION  
C.H. 9 (MANTENO-DESELM RD.)**

STA. 62+56.33 TO STA. 70+33.41

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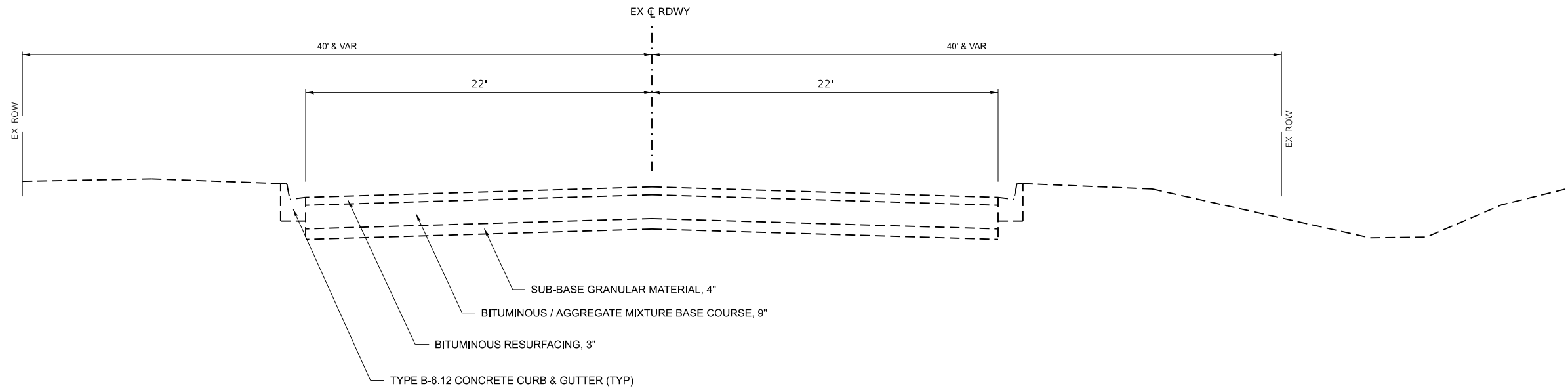
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PLOT DATE = 3/21/2024	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
EXISTING TYPICAL SECTIONS**

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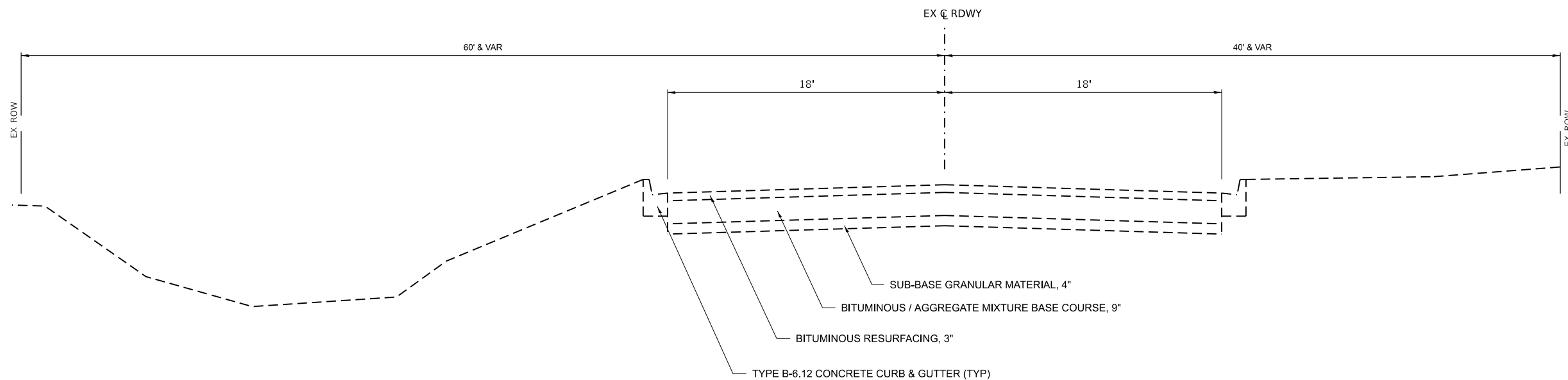
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311	08-00286-00-FP	KANKAKEE	173	7
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION**

**SPRUCE ST.**

STA. 294+37.97 TO STA. 300+00.00



**EXISTING TYPICAL SECTION**

**SPRUCE ST.**

STA. 300+00.00 TO STA. 305+29.28

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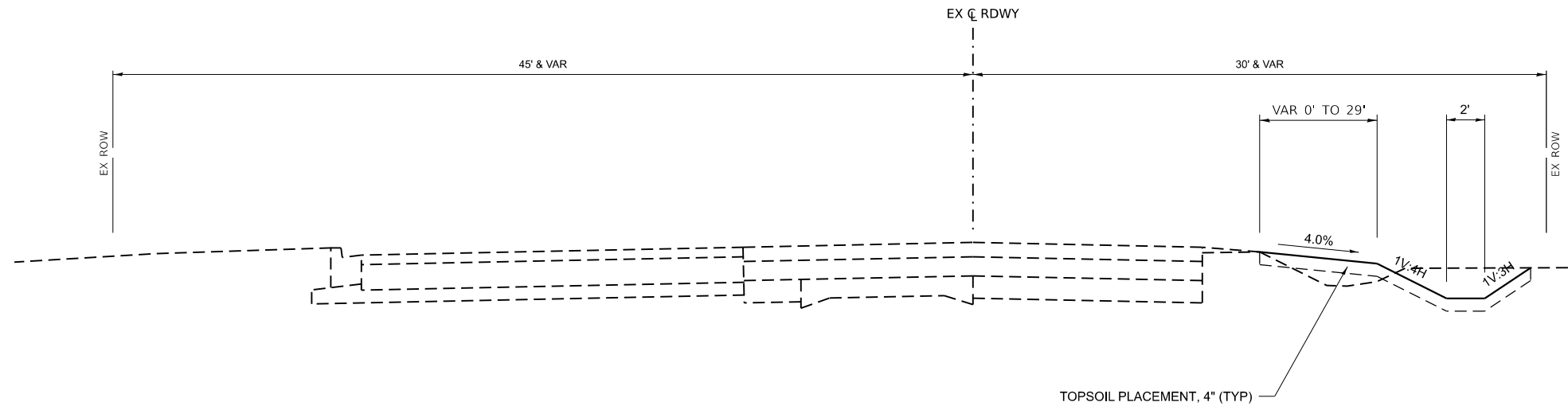
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
EXISTING TYPICAL SECTIONS**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87805	

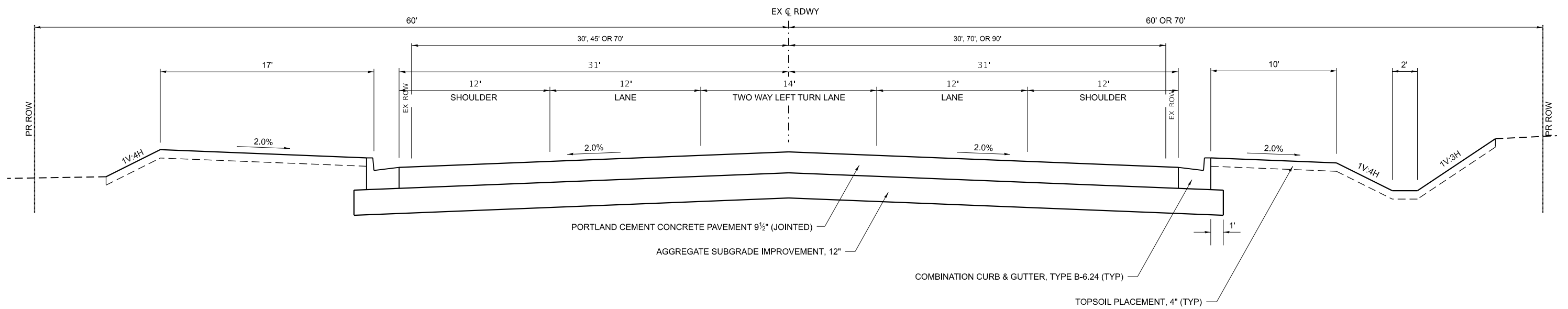




NOTE: SEE CROSS SECTIONS FOR ADDITIONAL INFORMATION.

**PROPOSED TYPICAL SECTION**  
**C.H. 9 (MANTENO-DESELM RD.)**

STA. 13+50.00 TO STA. 15+80.30



**PROPOSED TYPICAL SECTION**  
**C.H. 9 (MANTENO-DESELM RD.)**

STA. 15+80.52 TO STA. 51+88.17

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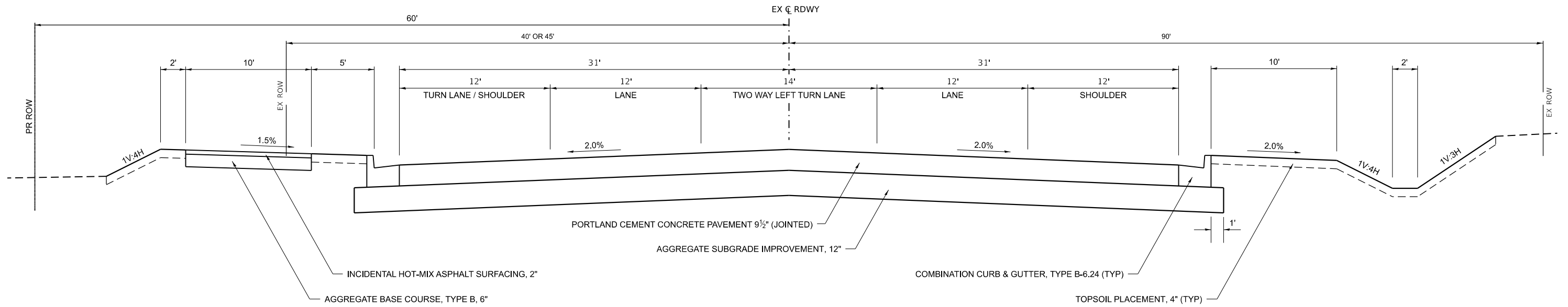
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PLOT DATE = 3/21/2024	DATE -	REVISED -

**KANKAKEE COUNTY**  
**HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)**  
**PROPOSED TYPICAL SECTIONS**

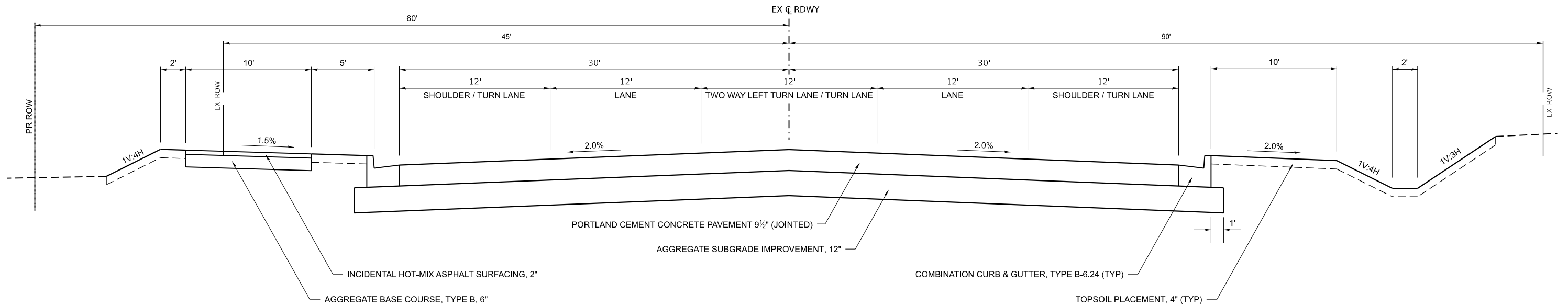
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	9
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION  
C.H. 9 (MANTENO-DESELM RD.)**

STA. 51+88.17 TO STA. 54+41.74



**PROPOSED TYPICAL SECTION  
C.H. 9 (MANTENO-DESELM RD.)**

STA. 54+41.74 TO STA. 63+26.86

NOTE: THE TWO WAY LEFT TURN LANE VARIES IN WIDTH FROM STA. 54+41.74 TO STA. 60+16.86.

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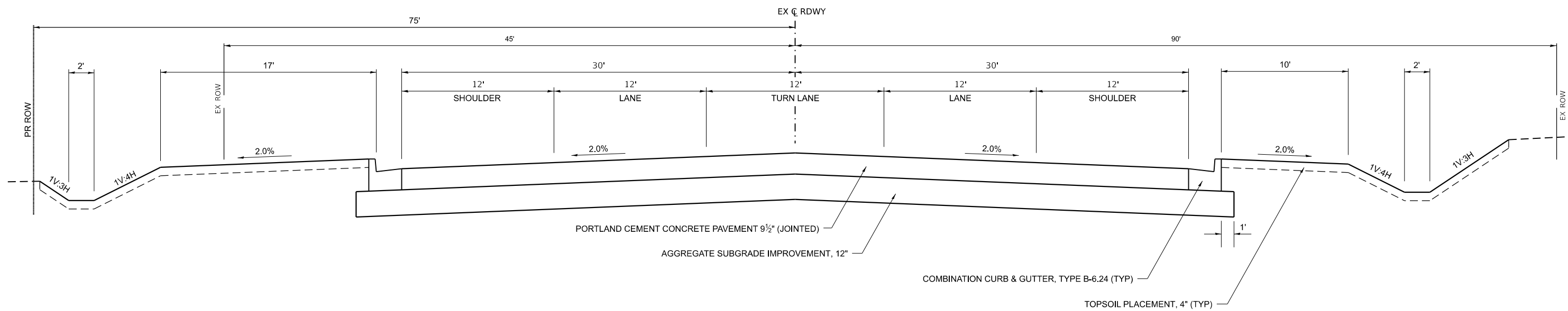
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**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PROPOSED TYPICAL SECTIONS**

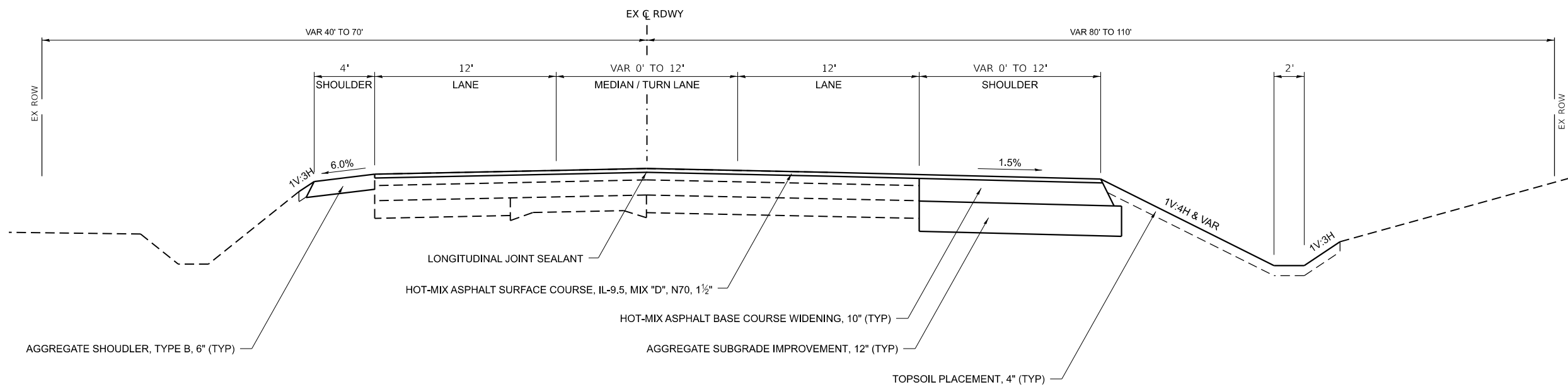
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	10
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION  
C.H. 9 (MANTENO-DESELM RD.)**

STA. 63+26.86 TO STA. 65+02.50



**PROPOSED TYPICAL SECTION  
C.H. 9 (MANTENO-DESELM RD.)**

STA. 65+02.50 TO STA. 70+33.41

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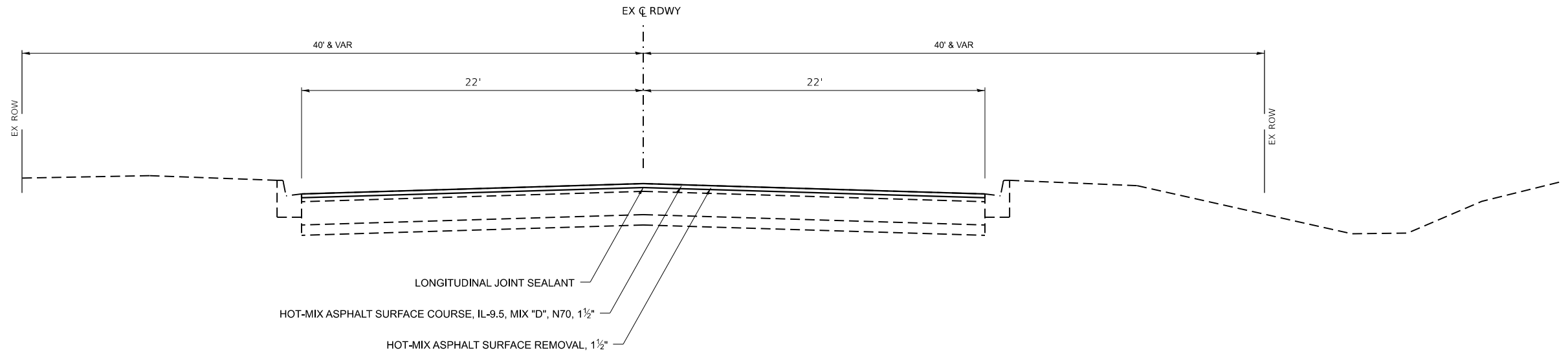
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PLOT DATE = 3/21/2024	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 3 OF 6 SHEETS STA. TO STA.

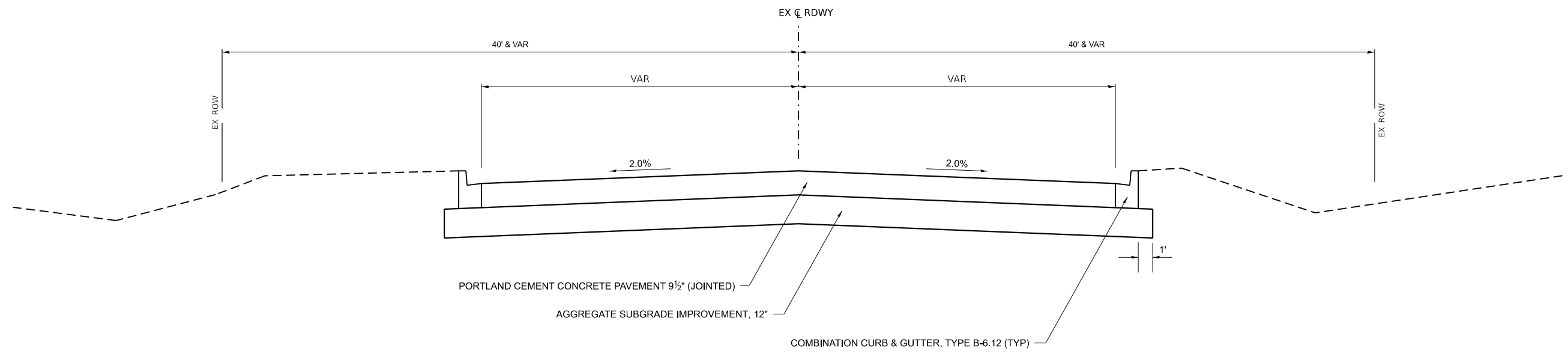
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311	08-00286-00-FP	KANKAKEE	173	11
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION**

**SPRUCE ST.**

STA. 294+37.97 TO STA. 299+24.72



**PROPOSED TYPICAL SECTION**

**SPRUCE ST.**

STA. 299+24.72 TO STA. 300+00.00

NOTE: SEE PLAN AND PROFILE AND INTERSECTION DETAIL SHEETS FOR MORE INFORMATION.

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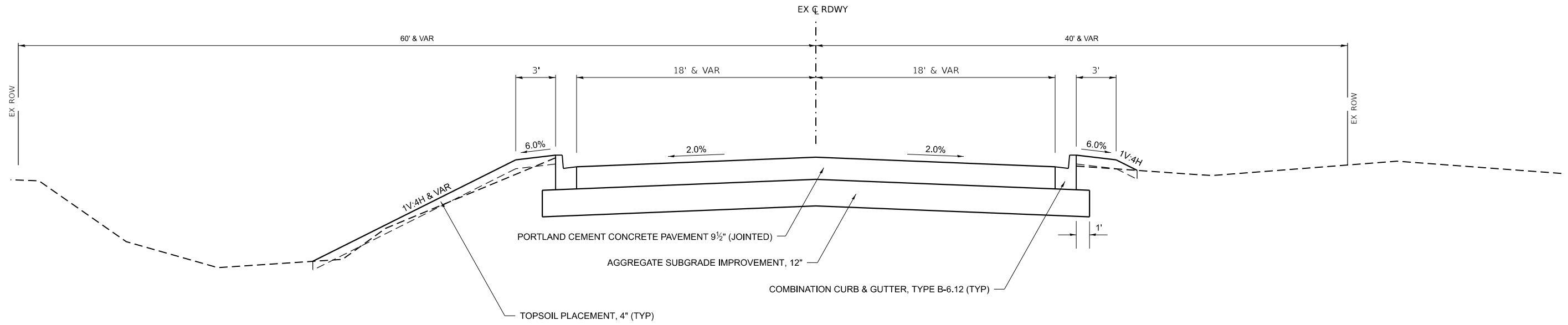
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PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 4 OF 6 SHEETS STA. TO STA.

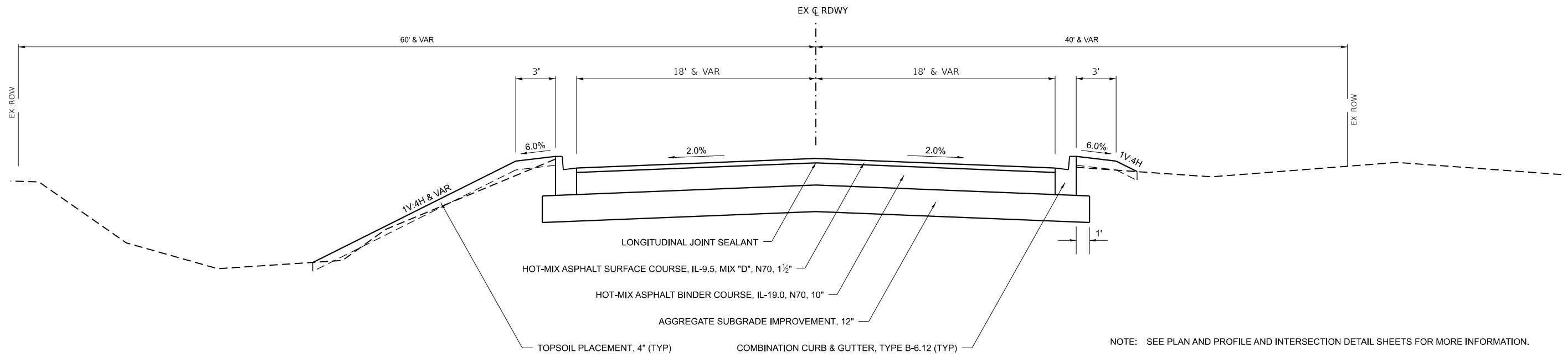
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311	08-00286-00-FP	KANKAKEE	173	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87805	



NOTE: SEE PLAN AND PROFILE AND INTERSECTION DETAIL SHEETS FOR MORE INFORMATION.

**PROPOSED TYPICAL SECTION**  
**SPRUCE ST.**

STA. 300+00.00 TO STA. 300+67.52



NOTE: SEE PLAN AND PROFILE AND INTERSECTION DETAIL SHEETS FOR MORE INFORMATION.

**PROPOSED TYPICAL SECTION**  
**SPRUCE ST.**

STA. 300+67.52 TO STA. 301+61.20

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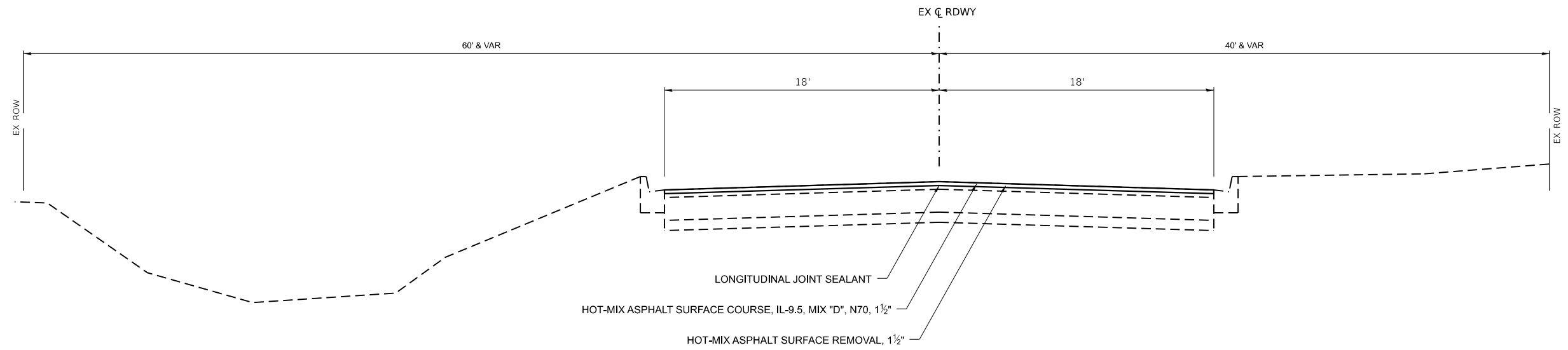
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	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 5 OF 6 SHEETS STA. TO STA.

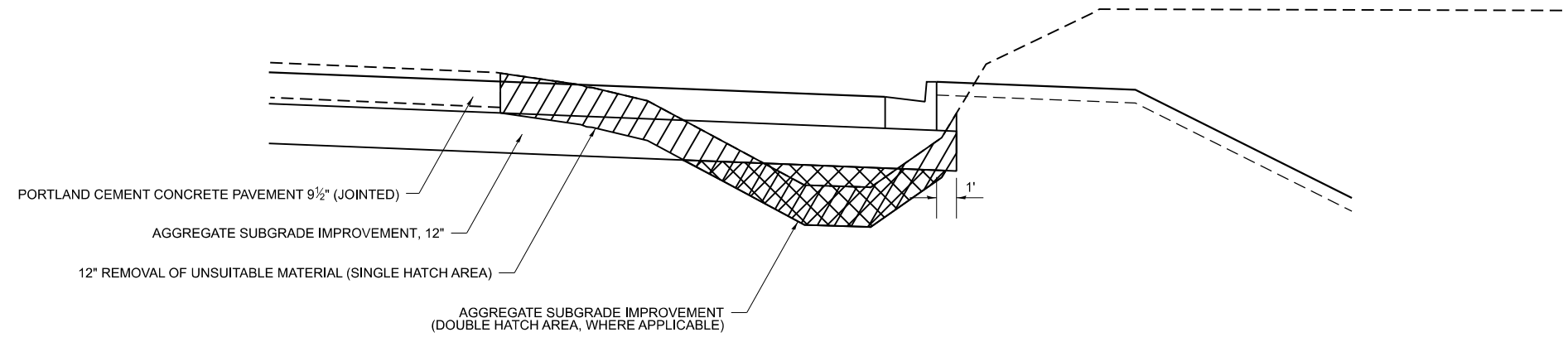
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311	08-00286-00-FP	KANKAKEE	173	13
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION**  
**SPRUCE ST.**

STA. 301+61.20 TO STA. 305+29.28

HMA MIXTURE REQUIREMENT TABLE				
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA	HMA	HMA	HMA BASE COURSE WIDENING
	SURFACE	BINDER	INCIDENTAL	
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N70
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5	IL 19.0	IL 9.5	IL 19.0
FRICTION AGGREGATE:	MIXTURE D			
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA	QCQA
SUBLOT SIZE:	NA	NA	NA	NA
DENSITY TEST METHOD:	CORES/NUCLEAR	CORES/NUCLEAR	SATISFACTION OF ENGINEER	CORES/NUCLEAR
MATERIAL TRANSFER DEVICE (REQUIRED):	NO	NO	NO	NO



**DETAIL A**  
**REMOVAL OF UNSUITABLE MATERIAL**

C.H. 9 STA. 15+80.52 TO STA. 23±00.00 (LT & RT)  
C.H. 9 STA. 38±50.00 TO STA. 65+02.50 (LT & RT)

MODEL: \$MODEL\$  
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	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	14
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

EARTHWORK									
1	2	3	4	5	6	7	8		
LOCATION	UNSUITABLE MATERIAL (CUT)	EARTH EXCAVATION (CUT)	TOPSOIL REQUIRED	ADJUSTED (CUT)	EMBANKMENT (FILL)	EARTH BALANCE WASTE(+) OR SHORTAGE(-)	NON-SEPCIAL WASTE DISPOSAL		
STATION TO STATION	CU YD								
CH 9 (MANTENO-DESELMD RD)									
PRE-STAGE 1									
12+15	TO	67+81	3751	2051	0	4352	3650	702	
STAGE 1									
15+80	TO	65+53	3761	5516	1183	6071	2961	3110	1672
STAGE 2									
15+80	TO	63+27	27	17778	1889	11937	1238	10699	
STAGE 2A									
63+27	TO	65+03	0	312	46	200	159	41	
STAGE 3									
15+80	TO	65+03	0	3500	0	2625	0	2625	169
STAGE 3A									
62+60	TO	63+27	0	26	0	20	0	20	
SPRUCE ST									
STAGE 1									
300+85	TO	301+61	17	100	20	73	11	62	
TOTAL			7556	29283	3138	25278	8019	17259	1841

USE PAY ITEM TOTALS BELOW

INFORMATION  
 SHRINKAGE FACTOR: 25%  
 EARTH EXCAVATION:  
 COLUMN 2,3, & 6 QUANTITIES FROM CROSS SECTIONS  
 C = EARTH EXCAVATION, F = EMBANKMENT, USM = UNSUITABLE MATERIAL  
 COLUMN 5 = (2 + 3 - 4) x .75  
 COLUMN 7 = (5 - 6)

PAY ITEMS:  
 COLUMN #2 is REMOVAL OF UNSUITABLE MATERIAL = 7556 CU YD  
 COLUMN #3 is EARTH EXCAVATION = 29283 CU YD  
 COLUMN #4 is TOPSOIL PLACEMENT = 3138 CU YD  
 COLUMN #8 is NON-SPECIAL WASTE DISPOSAL = 1841 CU YD

NOTE: TOPSOIL REQUIRED AND EMBANKMENT OUTSIDE OF CURB MAY BE TAKEN FROM UNSUITABLE MATERIAL AND EARTH EXCAVATION.

TREE REMOVAL				
STATION	OFFSET	SIDE	6 TO 15 UNITS DIAMETER	OVER 15 UNITS DIAMETER
			UNIT	UNIT
CH 9 (MANTENO-DESELMD RD)				
28+87	54.2'	RT	15	
29+98	33.6'	RT		30
30+35	46.0'	RT	8	
30+60	45.3'	LT		30
30+61	29.1'	RT	10	
30+65	29.2'	RT	12	
31+25	35.6'	RT		34
31+41	43.1'	RT		30
31+84	45.9'	LT	9	
32+00	28.5'	RT		19
32+22	45.4'	LT	10	
32+22	45.4'	LT	9	
32+56	45.5'	LT	13	
32+95	45.5'	LT	9	
32+95	45.5'	LT	6	
33+32	45.6'	LT	14	
34+06	45.8'	LT	13	
34+43	45.6'	LT	13	
34+79	45.6'	LT	13	
35+15	45.4'	LT		16
36+62	42.4'	LT		26
36+64	39.7'	RT	7	
36+64	39.7'	RT	7	
36+64	39.7'	RT	7	
36+75	41.5'	RT	7	
37+16	36.4'	LT		22
37+30	30.8'	LT		23
37+47	36.1'	LT		24
37+86	30.5'	LT		24
38+60	35.3'	LT		25
39+40	50.1'	LT		38
39+88	50.0'	LT		30
40+25	34.2'	LT		42
41+78	34.8'	LT		31
42+20	33.5'	LT	11	
42+20	33.5'	LT	10	
42+56	33.9'	LT	15	
42+59	33.8'	LT	12	
42+69	34.3'	LT		20
TOTAL			230	464

TEMPORARY EROSION CONTROL SEEDING								
STATION +/-	TO	STATION +/-	SIDE	ACRES	POUNDS PER APPLICATION PER ACRE	NUMBER OF APPLICATIONS	TOTAL POUND	MULCH, METHOD 2 ACRE
CH 9 (MANTENO-DESELMD RD)								
13+43	TO	14+00	LT	0.02	100	3	6	0.02
13+50	TO	17+85	RT	0.33	100	3	99	0.33
14+39	TO	15+92	LT	0.06	100	3	18	0.06
16+16	TO	22+19	LT	0.31	100	3	93	0.31
18+15	TO	23+41	RT	0.36	100	3	108	0.36
22+35	TO	23+00	LT	0.04	100	3	12	0.04
23+16	TO	29+66	LT	0.33	100	3	99	0.33
23+71	TO	30+10	RT	0.46	100	3	138	0.46
29+92	TO	31+36	LT	0.07	100	3	21	0.07
30+22	TO	37+10	RT	0.55	100	3	165	0.55
31+61	TO	36+75	LT	0.22	100	3	66	0.22
36+88	TO	39+99	LT	0.15	100	3	45	0.15
37+29	TO	49+80	RT	0.98	100	3	294	0.98
40+75	TO	42+31	LT	0.08	100	3	24	0.08
42+48	TO	43+31	LT	0.04	100	3	12	0.04
43+51	TO	45+23	LT	0.11	100	3	33	0.11
45+48	TO	51+67	LT	0.34	100	3	102	0.34
50+04	TO	62+92	RT	0.89	100	3	267	0.89
52+09	TO	63+06	LT	0.39	100	3	117	0.39
63+59	TO	68+29	RT	0.31	100	3	93	0.31
63+60	TO	69+55	LT	0.23	100	3	69	0.23
SPRUCE ST								
300+68	TO	301+61	RT	0.05	100	3	15	0.05
300+68	TO	301+61	LT	0.04	100	3	12	0.04
SUB-TOTAL							1908	6.36
USE							1908	6.50

SEEDING, EROSION CONTROL BLANKET & NUTRIENTS								
LOCATION	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET			
STATION +/- TO STATION +/-	SIDE	ACRE	POUND	POUND	POUND	SQ YD		
CH 9 (MANTENO-DESELMD RD)								
13+43	TO 14+00	LT	0.02	2	2	2	74	
13+50	TO 17+85	RT	0.33	30	30	30	1800	
14+39	TO 15+92	LT	0.06	6	6	6	295	
16+16	TO 22+19	LT	0.31	28	28	28	1485	
18+15	TO 23+41	RT	0.36	33	33	33	1732	
22+35	TO 23+00	LT	0.04	4	4	4	176	
23+16	TO 29+66	LT	0.33	30	30	30	1585	
23+71	TO 30+10	RT	0.46	42	42	42	2228	
29+92	TO 31+36	LT	0.07	7	7	7	361	
30+22	TO 37+10	RT	0.55	50	50	50	2670	
31+61	TO 36+75	LT	0.22	20	20	20	1058	
36+88	TO 39+99	LT	0.15	14	14	14	731	
37+29	TO 49+80	RT	0.98	89	89	89	4762	
40+75	TO 42+31	LT	0.08	8	8	8	382	
42+48	TO 43+31	LT	0.04	4	4	4	193	
43+51	TO 45+23	LT	0.11	10	10	10	541	
45+48	TO 51+67	LT	0.34	31	31	31	1866	
50+04	TO 62+92	RT	0.89	81	81	81	4312	
52+09	TO 63+06	LT	0.39	36	36	36	1868	
63+59	TO 68+29	RT	0.31	28	28	28	1478	
63+60	TO 69+55	LT	0.23	21	21	21	1093	
SPRUCE ST								
300+68	TO 301+61	RT	0.05	5	5	5	253	
300+68	TO 301+61	LT	0.04	4	4	4	185	
TOTAL			6.36	583	583	583	30728	
USE			6.50	585	585	585	30728	

SEEDING NUTRIENTS RATE OF APPLICATION: 90 LBS/ACRE

EXPLORATION TRENCH				
STATION	TO STATION	SIDE	52" DEPTH	
			FOOT	
CH 9 (MANTENO-DESELMD RD)				
15+80	TO 43+14	LT		2734
28+82	TO 36+60	RT		778
46+45	TO 51+48	LT		503
52+28	TO 62+67	LT		1058
63+67	TO 65+69	LT		259
TOTAL				5332

TEMPORARY DITCH CHECKS (ROLLED EXCELSIOR)			
LOCATION	LENGTH		
STATION	OFFSET	FOOT	
CH 9 (MANTENO-DESELMD RD)			
13+75	25.6'	RT	10
16+00	56.7'	RT	10
20+00	56.3'	RT	10
22+00	54.7'	RT	10
24+00	54.2'	RT	10
26+00	53.1'	RT	10
28+00	52.9'	RT	10
32+00	52.3'	RT	10
34+00	52.1'	RT	10
36+00	52.0'	RT	10
38+00	52.1'	RT	10
42+00	56.5'	RT	10
44+00	56.2'	RT	10
46+00	55.3'	RT	10
48+00	55.0'	RT	10
52+00	55.1'	RT	10
54+00	55.1'	RT	10
56+00	54.8'	RT	10
58+00	54.5'	RT	10
60+00	54.2'	RT	10
62+00	59.3'	RT	10
TOTAL			210

PERIMETER EROSION BARRIER				
STATION	TO STATION	SIDE	LENGTH	
			FOOT	
CH 9 (MANTENO-DESELMD RD)				
13+43	TO 14+00	LT		62
14+39	TO 15+92	LT		154
16+16	TO 22+19	LT		603
22+35	TO 23+00	LT		65
23+16	TO 29+66	LT		650
29+92	TO 31+36	LT		143
31+61	TO 36+75	LT		514
36+88	TO 39+99	LT		312
40+94	TO 42+31	LT		137
42+76	TO 43+31	LT		65
43+51	TO 45+23	LT		172
45+48	TO 51+67	LT		630
52+09	TO 62+67	LT		1078
62+02	TO 62+92	RT		114
64+12	TO 65+78	LT		174
SPRUCE ST				
300+75	TO 301+61	RT		104
TOTAL				4977

NOTES:  
1. PERIMETER EROSION BARRIER IS SILT FENCE.

MODEL: \$MODELNAMES  
FILE NAME: Y:\5051-1-Manteno-Deselm\_Recon\CADD\CADD Sheets\PHASE II\5051-1-sht-schedule.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666833' / In.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

KANKAKEE COUNTY  
HIGHWAY DEPARTMENT

CH 9 (MANTENO - DESELMD RD)  
SCHEDULES OF QUANTITIES

SCALE: N/A SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.S. RTE. 311	SECTION 08-00286-00-FP	COUNTY KANKAKEE	TOTAL SHEETS 173	SHEET NO. 15
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

INLET FILTERS			
STATION	OFFSET FOOT	SIDE	EACH
CH 9 (MANTENO-DESELM RD)			
15+20	31	LT	1
15+88	33	RT	1
15+88	33	LT	1
17+19	33	RT	1
17+19	33	LT	1
18+51	33	RT	1
18+51	33	LT	1
19+83	33	RT	1
19+83	33	LT	1
21+15	33	RT	1
21+15	33	LT	1
22+47	33	RT	1
22+47	33	LT	1
23+79	33	RT	1
23+79	33	LT	1
25+14	33	RT	1
25+14	33	LT	1
26+43	33	RT	1
26+43	33	LT	1
27+92	33	RT	1
27+92	33	LT	1
29+41	33	RT	1
29+41	33	LT	1
30+90	33	RT	1
30+90	33	LT	1
32+39	33	RT	1
32+39	33	LT	1
33+88	33	RT	1
33+88	33	LT	1
35+37	33	RT	1
35+37	33	LT	1
36+86	33	RT	1
36+86	33	LT	1
38+35	33	RT	1
38+35	33	LT	1
39+84	33	RT	1
39+84	33	LT	1
44+43	33	LT	1
44+80	33	RT	1
45+98	33	LT	1
46+45	33	RT	1
47+15	33	LT	1
47+90	33	RT	1
48+40	33	LT	1
49+48	33	RT	1
49+65	33	LT	1
50+90	33	LT	1
51+06	33	RT	1
52+64	33	RT	1
53+33	33	LT	1
54+22	33	RT	1
54+67	33	LT	1
55+80	33	RT	1
55+82	33	LT	1
56+97	33	LT	1
57+38	33	RT	1
58+12	33	LT	1
58+96	32	RT	1
59+27	32	LT	1
60+20	32	RT	1
60+30	32	RT	1
60+30	32	LT	1
60+40	32	LT	1
61+50	32	RT	1
62+40	32	LT	1
64+31	32	RT	1
64+31	32	LT	1
EAGLES LANDING DR			
100+44	25	RT	1
100+44	25	LT	1
TOTAL			69

INLET AND PIPE PROTECTION			
STATION	OFFSET FOOT	SIDE	EACH
CH 9 (MANTENO-DESELM RD)			
13+49	39	LT	1
18+18	56	RT	1
23+75	54	RT	1
30+28	52	RT	1
37+34	52	RT	1
49+75	55	RT	1
62+72	76	LT	1
63+69	70	RT	1
64+15	69	LT	1
TOTAL			9

STONE RIPRAP			
STATION	SIDE	STONE RIPRAP, CLASS A4	FILTER FABRIC
		SQ YD	SQ YD
CH 9 (MANTENO-DESELM RD)			
62+65	LT	17	17
TOTAL		17	17

TEMPORARY RAMP		
LOCATION	SIDE	AREA
		SQ YD
CH 9 (MANTENO-DESELM RD)		
65+02.5	X-RD	21
70+33.4	X-RD	15
SPRUCE ST		
294+38.0	X-RD	25
297+44.8	RT	29
299+24.7	X-RD	35
300+67.5	X-RD	30
302+77.9	RT	52
305+29.3	X-RD	20
TOTAL		227

AGGREGATE FOR TEMPORARY ACCESS					
LOCATION	WIDTH	LENGTH	THICKNESS	TON	
STATION	SIDE	FOOT			
CH 9 (MANTENO-DESELM RD)					
STAGE 3					
16+04	CL	25	7	0.75	10
18+00	CL	25	7	0.75	10
22+27	CL	25	7	0.75	10
23+08	CL	25	7	0.75	10
23+56	CL	25	7	0.75	10
29+79	CL	25	7	0.75	10
30+16	CL	25	7	0.75	10
31+48	CL	25	7	0.75	10
36+82	CL	25	7	0.75	10
37+20	CL	25	7	0.75	10
40+58	CL	25	7	0.75	10
42+39	CL	25	7	0.75	10
43+41	CL	25	7	0.75	10
45+36	CL	25	7	0.75	10
49+92	CL	25	7	0.75	10
51+88	CL	25	7	0.75	10
TOTAL					160
REMOVAL OF THE TEMPORARY AGGREGATE IS TO BE CONSIDERED INCLUDED IN THE COST OF AGGREGATE FOR TEMPORARY ACCESS.					

ENTRANCES								
LOCATION	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE BASE COURSE, TYPE B 8"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2"	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE B	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"		
STATION	SIDE	TYPE	POUND	SQ YD	TON	TON	SQ YD	
CH 9 (MANTENO-DESELM RD)								
16+04	LT	FE				32	43	
18+00	RT	FE				69	41	
22+27	LT	FE				25	27	
23+08	LT	FE				25	27	
23+56	RT	FE				69	41	
29+79	LT	CE	131	58	7	5	37	
30+16	RT	PE	91	41		5	23	
31+48	LT	CE	126	56	7	5	36	
36+82	LT	PE	66	29		4	24	
37+20	RT	CE	238	106	12	9	30	
40+58	LT	PE	250	111		13	108	
42+39	LT	PE	81	36		4	27	
43+41	LT	FE				46	31	
45+36	LT	CE	188	84	10	8	36	
49+92	RT	FE				92	35	
TOTAL			1171	521	36	53	400	566

PAVEMENT																						
LOCATION	AGGREGATE SUBGRADE IMPROVEMENT	AGGREGATE SUBGRADE IMPROVEMENT 12"	AGGREGATE BASE COURSE, TYPE B 6"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	INCIDENTAL HOT-MIX ASPHALT SURFACING	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	AGGREGATE SHOULDERS, TYPE B 6"	LONGITUDINAL JOINT SEALANT										
STATION TO STATION	TON	SQ YD	SQ YD	POUND	POUND	SQ YD	TON	TON	TON	SQ YD	SQ YD	FOOT										
CH 9 (MANTENO-DESELM RD)																						
15+80.52 TO 51+88.17	1398	27,789								24,922												
51+88.17 TO 65+02.50	728	11,258	1,186						133	9,810												
65+02.50 TO 70+33.41		221		497	952	216		174			479	531										
SPRUCE ST																						
294+37.97 TO 299+24.72					1,081			208				487										
299+24.72 TO 300+00.00																						
300+00.00 TO 300+67.52																						
300+67.52 TO 301+61.20		483		1,085	96		248	38														
301+61.20 TO 305+29.28					659			127				368										
TOTAL											2,126	39,751	1,186	1,582	2,788	216	248	547	133	34,732	479	1,386
NOTES: AGGREGATE SUBGRADE IMPROVEMENT SHALL BE USED TO REPLACE UNSUITABLE MATERIAL WHERE APPLICABLE. LONGITUDINAL JOINT SEALANT TO BE PLACED UNDER HMA SURFACE COURSE LIFT. SEE TYPICAL SECTIONS AND SPECIAL PROVISIONS FOR MORE INFORMATION.																						

PCC SIDEWALK					
STATION TO STATION	SIDE	PCC SIDEWALK 4"	DETECTABLE WARNINGS		
		SQ FT	SQ FT		
CH 9 (MANTENO-DESELM RD)					
52+10.76 TO 52+32.77	LT	191.4	24.8		
SPRUCE ST					
300+58.09 TO 300+73.05	LT	144.2	21.8		
300+58.43 TO 300+73.88	RT	154.5	20.0		
TOTAL		490.1	66.6		
USE		491	67		

PAVEMENT REMOVAL		
LOCATION	AREA	
STATION +/- TO STATION +/-	SQ YD	
CH 9 (MANTENO-DESELM RD)		
15+80.5 TO 65+02.5	16382	
ADDITIONAL 9"-6"-9" PAVEMENT	4922	
TOTAL 21304		

HMA SURFACE REMOVAL			
LOCATION	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"		
STATION TO STATION	SQ YD		
CH 9 (MANTENO-DESELM RD)			
65+03 TO 70+33	1996		
SPRUCE ST			
294+38 TO 299+25	2408		
301+61 TO 305+29	1468		
TOTAL 5872			

MODEL: \$MODELNAMES  
FILE NAME: Y:\3051 - Manteno-DeSelm Recn\CADD\Sheets\PHASE II\3051-1-18tschedule.dgn



USER NAME = BWedemder  
DESIGNED -  
DRAWN -  
PLOT SCALE = 0.16666633 1/In.  
CHECKED -  
PLOT DATE = 3/21/2024

REVISOR -  
REVISED -  
REVISOR -  
REVISED -  
DATE -

KANKAKEE COUNTY  
HIGHWAY DEPARTMENT

CH 9 (MANTENO - DESELM RD)  
SCHEDULES OF QUANTITIES

SCALE: N/A SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	16
CONTRACT NO. 87805				

ILLINOIS FED. AID PROJECT



DRIVEWAY PAVEMENT REMOVAL		
LOCATION	SIDE	AREA
STATION		SQ YD
CH 9 (MANTENO-DESELM RD)		
29+79.1	LT	170
45+35.5	LT	185
TOTAL		355

PAVED DITCH REMOVAL				
LOCATION			SIDE	FOOT
STATION	TO	STATION		
SPRUCE ST				
300+47	TO	300+74	LT	27
TOTAL				27

COMBINATION CURB AND GUTTER REMOVAL				
LOCATION			44000500	
STATION +/-	TO	STATION +/-	SIDE	FOOT
CH 9 (MANTENO-DESELM RD)				
61+96	TO	62+92	RT	113
63+59	TO	64+58	RT	120
TOTAL				233

CLASS D PATCHES		
LOCATION	SIDE	TYPE IV 8 INCH
STATION +/-		SQ YD
CH 9 (MANTENO-DESELM RD)		
14+19	LT	38.9
TOTAL		38.9
USE		39

PIPE CULVERTS						
LOCATION		CLASS D TYPE 1 15"	CLASS D TYPE 1 18" (TEMPORARY)	METAL FLARED END SECTIONS, 15"	REMOVE AND RE-INSTALL PIPE CULVERTS	TRENCH BACKFILL
STATION	SIDE	FOOT	FOOT	EACH	FOOT	CU YD
CH 9 (MANTENO-DESELM RD)						
13+48.4	RT		15			
13+49.9	RT		15			
18+00.0	RT	37		2		12
23+56.2	RT	38		2	39	10
30+15.5	RT	24		2	18	5
37+20.0	RT	28		2	24	6
49+92.3	RT	34		2	34	9
TOTAL		161	30	10	115	42

PIPE CULVERT REMOVAL						
STATION +/-	SIDE	12" CMP	15" CMP	18" CMP	48" CMP	15" RCP
		FOOT				
CH 9 (MANTENO-DESELM RD)						
22+26	LT			17		
23+09	LT	12				
23+54	RT			39		
30+15	RT		18			
37+20	RT	24				
45+35	LT			46		
49+95	RT				34	
51+87	LT					141
SUB-TOTAL		36	18	102	34	141
TOTAL		331				

NOTE: END SECTION REMOVAL WILL BE INCLUDED IN THE COST OF PIPE CULVERT REMOVAL.

REMOVING MANHOLES			
STATION	OFFSET	SIDE	EACH
SPRUCE ST			
300+60	35.9	RT	1
TOTAL			1

STORM SEWER REMOVAL							
STATION +/-		TO	STATION +/-	SIDE	55100500 12"	55100900 18"	55101600 EQRS 36"
					FOOT		
CH 9 (MANTENO-DESELM RD)							
13+49.37	39.2'	LT	TO	15+86.64	39.2'	LT	237
15+12.35	39.2'	LT	TO	15+19.34	33.1'	LT	9
SPRUCE ST							
300+46.25	49.6'	RT	TO	300+59.58	35.9'	RT	19
300+59.58	35.9'	RT	TO	300+85.21	35.9'	RT	26
TOTAL					9	237	45

NOTE: END SECTION REMOVAL WILL BE INCLUDED IN THE COST OF STORM SEWER REMOVAL.

REMOVING INLETS			
STATION	OFFSET	SIDE	EACH
CH 9 (MANTENO-DESELM RD)			
15+20	32.0	LT	1
TOTAL			1

BOX CULVERTS TO BE CLEANED		
STATION	SIDE	FOOT
CH 9 (MANTENO-DESELM RD)		
12+70	LT	159
13+50	X-RD	53
TOTAL		212

PERMANENT SURVEY MARKERS			
LOCATION			TYPE I
STATION	OFFSET	DESCRIPTION	EACH
CH 9 (MANTENO-DESELM RD)			
36+59.96	0'	QUARTER CORNER	1
63+26.85	0'	SECTION CORNER	1
TOTAL			2

COMBINATION CONCRETE CURB AND GUTTER					
LOCATION			TYPE B-6.12	TYPE B-6.24	
			60603800	60605000	
STATION	TO	STATION	SIDE	FOOT	FOOT
CH 9 (MANTENO-DESELM RD)					
15+80.5	TO	51+88.2	RT		3608
15+80.5	TO	51+88.2	LT		3601
51+88.2	TO	62+93.5	RT		1120
51+88.2	TO	63+06.3	LT		1127
63+57.6	TO	65+02.5	RT		165
63+58.7	TO	65+02.5	LT		157
SPRUCE ST					
300+67.5	TO	301+61.2	RT	96	
300+67.5	TO	301+61.2	LT	93	
TOTAL				189	9778

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KANKAKEE COUNTY  
HIGHWAY DEPARTMENT

CH 9 (MANTENO - DESELM RD)  
SCHEDULES OF QUANTITIES

SCALE: N/A SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	17
CONTRACT NO. 87805				
ILLINOIS		FED. AID PROJECT		

**STORM SEWER**

STATION	OFFSET	TYPE	STORM SEWER								PRC FLARED END SECTION	PRC FLARED END SECTION, EQRS	PRC FLARED END SECTION, EQRS	MANHOLES				INLETS		TRENCH BACKFILL
			CL A TY 1		CL A TY 1 EQRS		CL A TY 2							TY A				TY A	TY B	
			12"	24"	24"	36"	12"	15"	18"	24"				12"	24"	36"	4' DIA., TY 1 FRAME, CL LID	4' DIA., TY 11 F&G	5' DIA., TY 1 FRAME, CL LID	
FOOT								EACH			EACH				EACH		CU YD			
CH 9 (MANTENO-DESELM RD)																				
RIGHT TRUNK STA. 14+05.99 TO STA. 39+84.00																				
14+05.99	29.5' RT	END SECTION																		
		SS																		
15+87.52	39.0' RT	MANHOLE																		
		SS																		
17+19.00	39.0' RT	MANHOLE																		
		SS																		
																			8.6	
18+51.00	39.0' RT	MANHOLE																		
		SS																		
19+83.00	39.0' RT	MANHOLE																		
		SS																		
21+15.00	39.0' RT	MANHOLE																		
		SS																		
22+47.00	39.0' RT	MANHOLE																		
		SS																		
																			13.8	
23+79.00	39.0' RT	MANHOLE																		
		SS																		
25+14.00	39.0' RT	MANHOLE																		
		SS																		
26+43.00	39.0' RT	MANHOLE																		
		SS																		
27+92.00	39.0' RT	MANHOLE																		
		SS																		
29+41.00	39.0' RT	MANHOLE																		
		SS																		
30+90.00	39.0' RT	MANHOLE																		
		SS																		
32+39.00	39.0' RT	MANHOLE																		
		SS																		
33+88.00	39.0' RT	MANHOLE																		
		SS																		
35+37.00	39.0' RT	MANHOLE																		
		SS																		
36+86.00	39.0' RT	MANHOLE																		
		SS																		
38+35.00	39.0' RT	MANHOLE																		
		SS																		
39+84.00	39.0' RT	MANHOLE																		
		SS																		
RIGHT TRUNK STA. 14+05.99 TO STA. 39+84.00 LATERALS																				
		SS																		
15+87.52	33.0' RT	INLET																		
		SS																		
17+19.00	33.0' RT	INLET																		
		SS																		
18+51.00	33.0' RT	INLET																		
		SS																		
19+83.00	33.0' RT	INLET																		
		SS																		
21+15.00	33.0' RT	INLET																		
		SS																		
22+47.00	33.0' RT	INLET																		
		SS																		
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**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
SCHEDULES OF QUANTITIES**

SCALE: N/A      SHEET 4      OF 11      SHEETS      STA.      TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	18
CONTRACT NO. 87805			ILLINOIS FED. AID PROJECT	

**STORM SEWER**

STATION	OFFSET	TYPE	STORM SEWER								PRC FLARED END SECTION	PRC FLARED END SECTION, EQRS	PRC FLARED END SECTION, EQRS	MANHOLES				INLETS		TRENCH BACKFILL
			CL A TY 1		CL A TY 1 EQRS		CL A TY 2							TY A				TY A	TY B	
			12"	24"	24"	36"	12"	15"	18"	24"				12"	24"	36"	4' DIA., TY 1 FRAME, CL LID	4' DIA., TY 11 F&G	5' DIA., TY 1 FRAME, CL LID	
FOOT								EACH			EACH				EACH		CU YD			
23+79.00	33.0' RT	INLET																	1	
		SS																		
25+14.00	33.0' RT	INLET																	1	0.2
		SS																		
26+43.00	33.0' RT	INLET																	1	0.2
		SS																		
27+92.00	33.0' RT	INLET																	1	0.3
		SS																		
29+41.00	33.0' RT	INLET																	1	0.3
		SS																		
30+90.00	33.0' RT	INLET																	1	0.3
		SS																		
32+39.00	33.0' RT	INLET																	1	0.3
		SS																		
33+88.00	33.0' RT	INLET																	1	0.3
		SS																		
35+37.00	33.0' RT	INLET																	1	0.3
		SS																		
36+86.00	33.0' RT	INLET																	1	0.3
		SS																		
38+35.00	33.0' RT	INLET																	1	0.3
		SS																		
39+84.00	33.0' RT	INLET																	1	0.3
		SS																		
LEFT TRUNK STA. 13+49.37 TO STA. 39+84.00																				
		SS																		
15+20.00	39.2' LT	MANHOLE				166													1	13.5
		SS				64														
15+87.52	39.2' LT	MANHOLE																	1	
		SS				128														7.5
17+19.00	44.0' LT	MANHOLE																	1	
		SS				129														
18+51.00	44.0' LT	MANHOLE																	1	
		SS				129														
19+83.00	44.0' LT	MANHOLE																	1	
		SS				129														
21+15.00	44.0' LT	MANHOLE																	1	
		SS				129														7.5
22+47.00	44.0' LT	MANHOLE																	1	
		SS				129														8.1
23+79.00	44.0' LT	MANHOLE																	1	
		SS				132														
25+14.00	44.0' LT	MANHOLE																	1	
		SS				126														
26+43.00	44.0' LT	MANHOLE																	1	
		SS																		
27+92.00	44.0' LT	MANHOLE																	1	
		SS																		
29+41.00	44.0' LT	MANHOLE																	1	
		SS																		

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**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
SCHEDULES OF QUANTITIES**

SCALE: N/A SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	19
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

**STORM SEWER**

STATION	OFFSET	TYPE	STORM SEWER								PRC FLARED END SECTION	PRC FLARED END SECTION, EQRS	PRC FLARED END SECTION, EQRS	MANHOLES				INLETS		TRENCH BACKFILL		
			CL A TY 1		CL A TY 1 EQRS		CL A TY 2							TY A				TY A	TY B			
			12"	24"	24"	36"	12"	15"	18"	24"				12"	24"	36"	4' DIA., TY 1 FRAME, CL LID	4' DIA., TY 11 F&G	5' DIA., TY 1 FRAME, CL LID		7' DIA., TY 1 FRAME, CL LID	TY 24 F&G
FOOT								EACH			EACH				EACH		CU YD					
		SS																				21.0
30+90.00	44.0' LT	MANHOLE																				
		SS																				20.0
32+39.00	44.0' LT	MANHOLE																				
		SS																				
33+88.00	44.0' LT	MANHOLE																				
		SS																				
35+37.00	44.0' LT	MANHOLE																				
		SS																				
36+86.00	44.0' LT	MANHOLE																				11.9
		SS																				
38+35.00	44.0' LT	MANHOLE																				
		SS																				
39+84.00	44.0' LT	MANHOLE																				
		SS																				
LEFT TRUNK STA. 13+49.37 TO STA. 39+84.00 LATERALS																						
15+20.00		SS	5																			
		SS	3																			0.1
15+87.52	33.0' LT	INLET																		1		
		SS	8																			
17+19.00	33.0' LT	INLET																		1		0.2
		SS	8																			
18+51.00	33.0' LT	INLET																		1		0.2
		SS	8																			
19+83.00	33.0' LT	INLET																		1		0.2
		SS	8																			
21+15.00	33.0' LT	INLET																		1		0.2
		SS	8																			
22+47.00	33.0' LT	INLET																		1		0.2
		SS	8																			
23+79.00	33.0' LT	INLET																		1		0.3
		SS	9																			
25+14.00	33.0' LT	INLET																		1		0.3
		SS	9																			
26+43.00	33.0' LT	INLET																		1		0.4
		SS	9																			
27+92.00	33.0' LT	INLET																		1		0.5
		SS	9																			
29+41.00	33.0' LT	INLET																		1		0.5
		SS	9																			
30+90.00	33.0' LT	INLET																		1		0.5
		SS	9																			
32+39.00	33.0' LT	INLET																		1		0.5
		SS	9																			
33+88.00	33.0' LT	INLET																		1		0.5

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**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
SCHEDULES OF QUANTITIES**

SCALE: N/A SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	20
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

**STORM SEWER**

STATION	OFFSET	TYPE	STORM SEWER								PRC FLARED END SECTION	PRC FLARED END SECTION, EQRS	PRC FLARED END SECTION, EQRS	MANHOLES				INLETS		TRENCH BACKFILL  CU YD		
			CL A TY 1		CL A TY 1 EQRS		CL A TY 2							TY A				TY A	TY B			
			12"	24"	24"	36"	12"	15"	18"	24"				12"	24"	36"	4' DIA., TY 1 FRAME, CL LID	4' DIA., TY 11 F&G	5' DIA., TY 1 FRAME, CL LID		7' DIA., TY 1 FRAME, CL LID	TY 24 F&G
FOOT								EACH			EACH				EACH		CU YD					
35+37.00	33.0' LT	SS INLET						9											1		0.5	
36+86.00	33.0' LT	SS INLET						9											1		0.5	
38+35.00	33.0' LT	SS INLET						9											1		0.5	
39+84.00	33.0' LT	SS INLET						9											1		0.5	
LEFT TRUNK STA. 44+43.00 TO 62+57.06																						
44+43.00	44.0' LT	MANHOLE SS																		1	22.1	
45+98.00	44.0' LT	MANHOLE SS						152												1		
47+15.00	44.0' LT	MANHOLE SS						114												1		
48+40.00	44.0' LT	MANHOLE SS						122												1		
49+65.00	44.0' LT	MANHOLE SS						122												1		
50+90.00	44.0' LT	MANHOLE SS							122											1		
51+63.17	44.0' LT	MANHOLE SS							70											1	1.0	
52+12.66	44.0' LT	MANHOLE SS							46											1	10.8	
53+52.00	44.0' LT	MANHOLE SS								137										1	84.6	
54+67.00	44.0' LT	MANHOLE SS								112										1	73.4	
55+82.00	44.0' LT	MANHOLE SS								112										1	68.4	
56+97.00	44.0' LT	MANHOLE SS									112									1	43.3	
58+12.00	44.0' LT	MANHOLE SS										112								1	39.8	
59+27.00	44.0' LT	MANHOLE SS											112							1	36.6	
60+29.98	44.0' LT	MANHOLE SS												100						1	30.4	
62+39.77	44.0' LT	MANHOLE SS													207					1	121.3	
																					23	10.3
LEFT TRUNK STA. 44+43.00 TO 62+57.06 LATERALS																						
44+43.00	33.0' LT	SS INLET						9												1	0.5	
45+98.00	33.0' LT	SS INLET						9												1	0.5	
47+15.00	33.0' LT	SS INLET						9												1	0.5	
48+40.00	33.0' LT	SS INLET						9												1	0.5	
		SS						9													0.5	

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**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
SCHEDULES OF QUANTITIES**

SCALE: N/A SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	21
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

**STORM SEWER**

STATION	OFFSET	TYPE	STORM SEWER							PRC FLARED END SECTION	PRC FLARED END SECTION, EQRS	PRC FLARED END SECTION, EQRS	MANHOLES				INLETS		TRENCH BACKFILL
			CL A TY 1		CL A TY 1 EQRS		CL A TY 2						TY A				TY A	TY B	
			12"	24"	24"	36"	12"	15"	18"				24"	12"	24"	36"	4' DIA., TY 1 FRAME, CL LID	4' DIA., TY 11 F&G	
FOOT							EACH			EACH				EACH		CU YD			
49+65.00	33.0' LT	INLET																1	
		SS						9											0.5
50+90.00	33.0' LT	INLET																1	
		SS						9											3.9
53+52.00	33.0' LT	INLET																1	
		SS						9											3.7
54+67.00	33.0' LT	INLET																1	
		SS						9											2.3
55+82.00	32.8' LT	INLET																1	
		SS						9											2.1
56+97.00	32.7' LT	INLET																1	
		SS						9											2.0
58+12.00	32.5' LT	INLET																1	
		SS						10											2.0
59+27.00	32.2' LT	INLET																1	
		SS						9											1.8
60+29.98	32.0' LT	INLET																	1
		SS	8																0.5
60+39.98	32.0' LT	INLET																1	
		SS	10																4.7
62+39.77	32.0' LT	INLET																1	
RIGHT SIDE STA. 44+80.00 TO STA. 64+31.18 LATERALS																			
44+80.00	33.0' RT	INLET																1	
		SS	15																
44+80.00	54.6' RT	END SECTION								1									
46+45.00	33.0' RT	INLET																1	
		SS	15																
46+45.00	53.9' RT	END SECTION								1									
47+90.00	33.0' RT	INLET																1	
		SS	14																
47+90.00	53.7' RT	END SECTION								1									
49+48.00	33.0' RT	INLET																1	
		SS	14																
49+48.00	53.7' RT	END SECTION								1									
51+08.00	33.0' RT	INLET																1	
		SS	14																
51+08.00	53.7' RT	END SECTION								1									
52+64.00	33.0' RT	INLET																1	
		SS	14																
52+64.00	53.7' RT	END SECTION								1									
54+22.00	33.0' RT	INLET																1	
		SS	14																
54+22.00	53.7' RT	END SECTION								1									

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**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELN RD)  
SCHEDULES OF QUANTITIES**

SCALE: N/A      SHEET 8      OF 11      SHEETS      STA.      TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	22
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

STORM SEWER																					
STATION	OFFSET	TYPE	STORM SEWER								PRC FLARED END SECTION	PRC FLARED END SECTION, EQRS	PRC FLARED END SECTION, EQRS	MANHOLES				INLETS		TRENCH BACKFILL	
			CL A TY 1		CL A TY 1 EQRS		CL A TY 2							TY A				TY A	TY B		
			12"	24"	24"	36"	12"	15"	18"	24"				12"	24"	36"	4' DIA., TY 1 FRAME, CL LID	4' DIA., TY 11 F&G	5' DIA., TY 1 FRAME, CL LID		7' DIA., TY 1 FRAME, CL LID
FOOT								EACH			EACH				EACH		CU YD				
55+80.00	32.8' RT	INLET																		1	
		SS	14																		
55+80.00	53.6' RT	END SECTION								1											
57+38.00	32.5' RT	INLET																		1	
		SS	14																		
57+38.00	53.2' RT	END SECTION								1											
58+96.00	32.2' RT	INLET																		1	
		SS	14																		
58+96.00	53.0' RT	END SECTION								1											
60+19.98	32.0' RT	INLET																		1	
		SS	8																		
60+29.98	32.0' RT	INLET																			1
		SS	14																		
60+29.98	53.1' RT	END SECTION								1											
61+50.00	32.0' RT	INLET																		1	
		SS	18																		
61+50.00	56.2' RT	END SECTION								1											
64+31.18	32.0' RT	INLET																		1	
		SS	20																		0.4
64+31.18	58.5' RT	END SECTION								1											
LEFT SIDE STA. 63+62.41 TO STA. 64+31.18 LATERALS																					
		SS					53														
64+15.00	65.4' LT	END SECTION																		1	
64+31.18	32.0' LT	INLET																		1	
		SS	27																		0.3
64+31.18	58.9' LT	END SECTION								1											
SPRUCE ST																					
300+85.21	35.9' RT	MANHOLE																		1	
TOTAL			302	952	1956	53	283	1678	1406	883	14	1	1	36	2	15	1	64	2	719	

FIELD TILE ITEMS																										
STATION	TO	STATION	SIDE	PIPE DRAINS						MISCELLANEOUS CONCRETE	STORM SEWERS PROTECTED, CLASS A					FIELD TILE JUNCTION VAULTS		STORM SEWERS (SPECIAL)								
				6"	8"	10"	12"	15"	18"		6"	8"	10"	12"	15"	18"	2' DIA.	3' DIA.	4' DIA.	6"	8"	10"	12"	15"	18"	
				FOOT							CU YD	FOOT					EACH		FOOT							
CH 9 (MANTENO-DESELM RD)																										
15+80	TO	43+14	LT	105	90	108	112	93	117	5.2	101	96	118	84	94	112	1	1	1	100	97	106	104	102	116	
28+82	TO	36+60	RT	30	40	33	41	31	53	1.5	37	42	32	43	29	31		1	1	29	32	38	37	31	34	
46+45	TO	51+48	LT	19	25	15	8	29	12	1.0	23	11	14	13	42	17	1	1		27	18	23	21	28	14	
52+28	TO	62+67	LT	39	40	34	28	47	18	2.0	31	45	36	48	32	36	1		1	36	38	31	38	29	36	
63+67	TO	65+69	LT	7	5	10	11			0.3	8	6		12	3	4				8	15	2		10		
TOTAL				200	200	200	200	200	200	10.0	200	200	200	200	200	200	200	3	3	3	200	200	200	200	200	200

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 PLOT DATE = 3/21/2024  
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**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
SCHEDULES OF QUANTITIES**

SCALE: N/A SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	23
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

TEMPORARY PAVEMENT MARKING														
STATION TO STATION	LETTERS & SYMBOLS				LINES									
	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT				TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT			TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT		TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT		TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT		TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT
	TURN ARROW	"ONLY"			SOLID WHITE	SOLID YELLOW	DOUBLE YELLOW	SKIP DASH YELLOW	SOLID WHITE	DOTTED WHITE	SOLID WHITE	SOLID YELLOW	SOLID WHITE	SOLID WHITE
		SQ FT			LANE	LANE	LANE	LANE	CROSSWALK	LANE	LANE	MEDIAN	SHOULDER	STOP BAR
				FOOT			FOOT		FOOT		FOOT		FOOT	
<b>CH 9 (MANTENO-DESEL RD)</b>														
15+81 TO 51+88	530.4			7190	6585	1260	1650		58		152	1585		
51+88 TO 63+27	218.4	23.6		1730	1258	1292	320		150	681		326	50	
63+27 TO 70+33	46.8			1331		2118			50	185	176	108	24	
<b>SPRUCE ST</b>														
294+38 TO 299+28	31.2					1712			40	125	167		39	
300+59 TO 305+29	31.2					1612		116	34	115	132		26	
<b>SUB-TOTAL</b>	<b>858.0</b>	<b>23.6</b>		<b>10251</b>	<b>7843</b>	<b>7994</b>	<b>1970</b>	<b>116</b>	<b>332</b>	<b>1106</b>	<b>627</b>	<b>2019</b>	<b>139</b>	
<b>TOTAL</b>	<b>881.6</b>				<b>26088</b>			<b>2086</b>		<b>1438</b>		<b>2646</b>	<b>139</b>	
<b>USE (TWO APPLICATIONS)</b>	<b>1763</b>				<b>52176</b>			<b>4172</b>		<b>2876</b>		<b>5292</b>	<b>278</b>	

TEMPORARY PAVEMENT MARKING - STAGING									
STATION TO STATION	PAINT LINES					PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT		
	4"								
	SOLID WHITE	DOUBLE YELLOW	SOLID YELLOW	SOLID WHITE	24" SOLID WHITE				
	EDGE OF PAVT	CL & MEDIAN	MEDIAN	DOTTED	STOP BAR				
					FOOT				
<b>STAGE 1</b>									
<b>CH 9 (MANTENO-DESEL RD)</b>									
12+06.0 TO 69+62.0	11194	11774			50		7721		
<b>STAGE 2</b>									
<b>CH 9 (MANTENO-DESEL RD)</b>									
11+05.5 TO 69+61.7	6233	12160					5993		
<b>SPRUCE ST</b>									
295+76.5 TO 300+03.8	451	812				45	575		
300+29.8 TO 302+40.5	263	270				28	256		
<b>STAGE 2A</b>									
<b>SPRUCE ST</b>									
295+76.5 TO 300+03.8	509	754				12	146		
300+47.6 TO 302+66.2	309	438				16	24		
<b>STAGE 3</b>									
<b>CH 9 (MANTENO-DESEL RD)</b>									
11+05.5 TO 68+49.8	1105			12369			4175		
<b>SPRUCE ST</b>									
295+98.6 TO 299+59.8	86	1280				29	331		
300+24.4 TO 302+66.2	275	440				16	197		
<b>STAGE 3A</b>									
<b>CH 9 (MANTENO-DESEL RD)</b>									
62+49.6 TO 64+54.2				258			109		
<b>SPRUCE ST</b>									
295+76.5 TO 299+69.7	528	768				37	301		
300+54.8 TO 302+40.5	330	270				28	189		
<b>SUB-TOTAL</b>	<b>21283</b>	<b>28966</b>	<b>12627.0</b>	<b>50</b>	<b>211</b>	<b>20017</b>			
<b>TOTAL</b>		<b>62926</b>			<b>211</b>	<b>20017</b>			
<b>3 APPLICATIONS</b>		<b>188778</b>			<b>633</b>				

SHORT TERM PAVEMENT MARKING			
STATION TO STATION	FOOT		
<b>CH 9 (MANTENO-DESEL RD)</b>			
65+03 TO 70+33	72		
<b>SPRUCE ST</b>			
294+38 TO 299+25	64		
300+68 TO 301+61	48		
301+61 TO 305+29	40		
<b>TOTAL</b>	<b>224</b>		
NOTE: OFFSET ON BINDER COURSE TO NOT INTERFERE WITH LONGITUDINAL JOINT SEALANT PLACEMENT.			

SIGN PANEL AND SIGN SUPPORTS					
LOCATION	SIGN DESIGNATION	SIGN PANEL TYPE 1	SIGN PANEL TYPE 2	WOOD SIGN SUPPORT	
STATION	SIDE	SQ FT	SQ FT	FOOT	
<b>CH 9 (MANTENO-DESEL RD)</b>					
16+00	RT	R2-1	7.50		15.0
18+06	LT	R3-8	6.25		17.0
19+75	LT	W3-1	6.25		18.0
41+25	RT	W16-101	6.25		18.0
49+50	LT	W16-101	6.25		18.0
55+95	RT	W3-3	6.25		18.5
56+18	LT	R3-20R	6.00		18.0
58+00	LT	R2-1	7.50		15.0
58+15	RT	R3-8b		10.00	29.0
64+98	RT	M1-1	4.38		13.8
		M1-1	9.00		15.0
65+97	LT	R3-8	6.25		14.5
70+82	LT	W3-3	6.25		15.5
<b>SPRUCE ST</b>					
294+68	RT	W3-3	6.25		15.5
296+48	RT	R3-8	6.25		14.5
305+30	LT	W3-3	6.25		15.5
<b>TOTAL</b>			<b>96.88</b>	<b>10.00</b>	<b>271.0</b>
<b>USE</b>			<b>97</b>	<b>10</b>	<b>271</b>

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KANKAKEE COUNTY  
HIGHWAY DEPARTMENT

CH 9 (MANTENO - DESEL RD)  
SCHEDULES OF QUANTITIES

SCALE: N/A SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	24
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING														
STATION TO STATION	LETTERS & SYMBOLS				LINES									
	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS		MODIFIED URETHANE PAVEMENT MARKING - LINE 4"			MODIFIED URETHANE PAVEMENT MARKING - LINE 6"		MODIFIED URETHANE PAVEMENT MARKING - LINE 8"		MODIFIED URETHANE PAVEMENT MARKING - LINE 12"		MODIFIED URETHANE PAVEMENT MARKING - LINE 24"		
	TURN ARROW	"ONLY"	SOLID WHITE	SOLID YELLOW	DOUBLE YELLOW	SKIP DASH YELLOW	SOLID WHITE	DOTTED WHITE	SOLID WHITE	SOLID YELLOW	SOLID WHITE	SOLID WHITE	SOLID WHITE	
SQ FT		FOOT			FOOT		FOOT		FOOT		FOOT			
CH 9 (MANTENO-DESELM RD)														
15+81 TO 51+88		530.4			7190	6585	1260	1650		58		152	1585	
51+88 TO 63+27		218.4	23.6		1730	1258	1292	320		150	681		326	50
63+27 TO 70+33		46.8			1331		2118			50	185	176	108	24
SPRUCE ST														
294+38 TO 299+28		31.2					1712			40	125	167		39
300+59 TO 305+29		31.2					1612	116		34	115	132		26
SUB-TOTAL		858.0	23.6		10251	7843	7994	1970	116	332	1106	627	2019	139
TOTAL			881.6			26088		2086		1438		2646		139
USE (TWO APPLICATIONS)			1763			52176		4172		2876		5292		278

NOTE: MODIFIED URETHANE PAVEMENT MARKING SHALL HAVE TWO APPLICATIONS.

RAISED REFLECTIVE PAVEMENT MARKER				
STATION TO STATION	AMBER	CRYSTAL	EACH	
CH 9 (MANTENO-DESELM RD)				
15+81 TO 51+88	165			
51+88 TO 63+27	55	14		
63+27 TO 70+33	10	5		
SPRUCE ST				
294+38 TO 299+28				
300+59 TO 305+29				
SUB-TOTAL		230	19	
TOTAL			249	

LIGHTING REMOVAL				
STATION	OFFSET	SIDE	LIGHTING UNIT, SALVAGE	POLE FOUNDATION
			EACH	EACH
CH 9 (MANTENO-DESELM RD)				
62+27	39.5'	RT	1	1
64+19	33.7'	RT	1	1
TOTAL			2	2

TEMPORARY PAVEMENT				
LOCATION	TEMPORARY PAVEMENT			
STATION TO STATION	SIDE	SQ YD		
CH 9 (MANTENO-DESELM RD)				
PRE-STAGE 1				
12+16 TO 61+14	RT	7686		
63+71 TO 67+81	RT	97		
TOTAL		7783		
SEE STAGING TYPICAL SECTION AND SPECIAL PROVISION				

TEMPORARY ACCESS				
LOCATION	PRIVATE ENTRANCE (PE)	COMMERCIAL ENTRANCE (CE)	FIELD ENTRANCE (FE)	
STATION	SIDE	TYPE	EACH	
CH 9 (MANTENO-DESELM RD)				
16+04	LT	FE		1
18+00	RT	FE		1
22+27	LT	FE		1
23+08	LT	FE		1
23+56	RT	FE		1
29+79	LT	CE	1	
30+16	RT	PE	1	
31+48	LT	CE		1
36+82	LT	PE	1	
37+20	RT	CE		1
40+58	LT	PE	1	
42+39	LT	PE	1	
43+41	LT	FE		1
45+36	LT	CE	1	
49+92	RT	FE		1
TOTAL			4	7

TEMPORARY INFORMATION SIGNING		
LOCATION	SIGN MESSAGE	AREA SQ FT
CH 9 (MANTENO-DESELM RD)		
WEST END OF PROJECT	ROAD WORK AHEAD EXPECT DELAYS	21
EAST END OF PROJECT	ROAD WORK AHEAD EXPECT DELAYS	21
EAGLES LANDING		
STAGE 1 CLOSURE	ROAD CLOSED	21
SPRUCE ST		
NORTH LEG STAGE 1 CLOSURE	ROAD CLOSED	21
TOTAL		84
SEE TEMPORARY INFORMATION SIGN DETAILS AND SPECIAL PROVISIONS FOR MORE INFORMATION		

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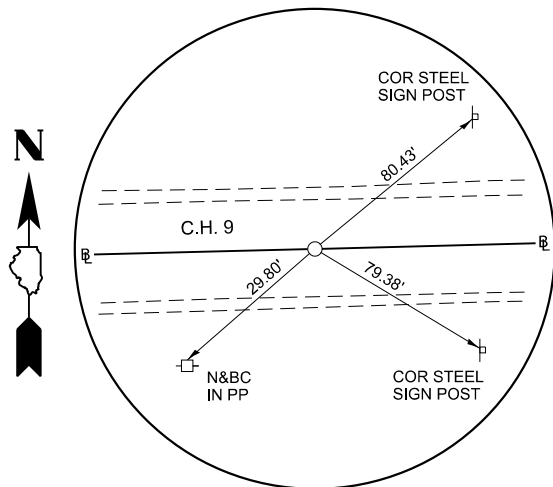
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HIGHWAY DEPARTMENT

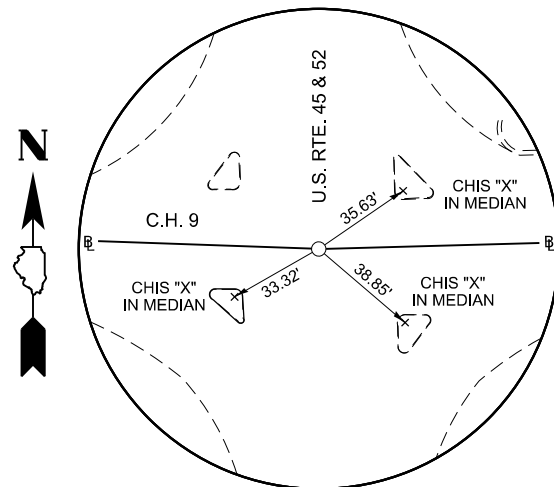
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SCHEDULES OF QUANTITIES

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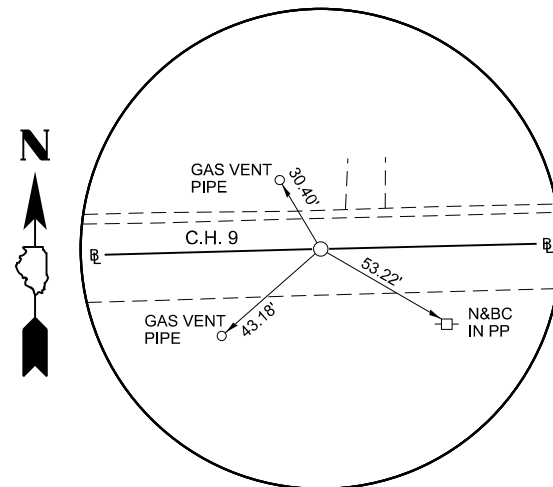
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CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



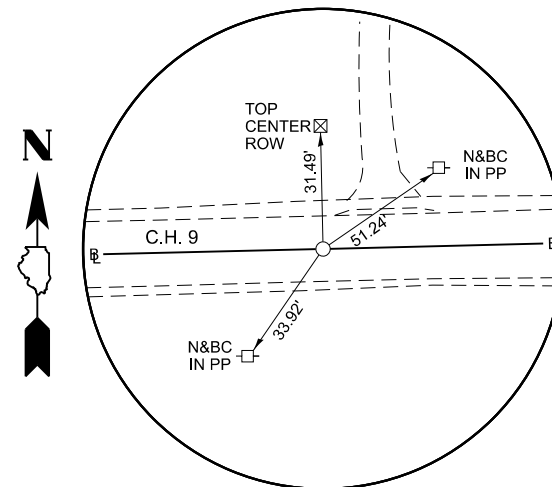
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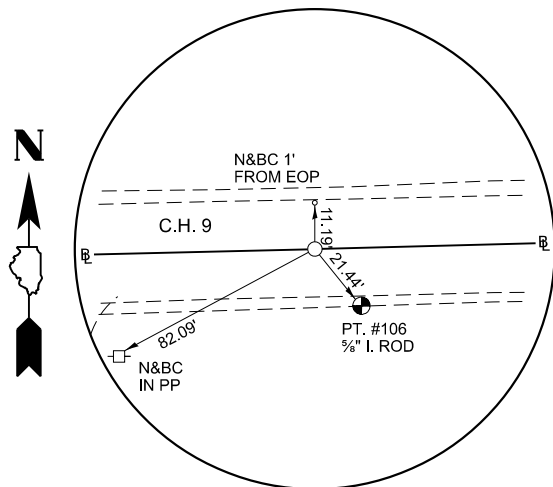
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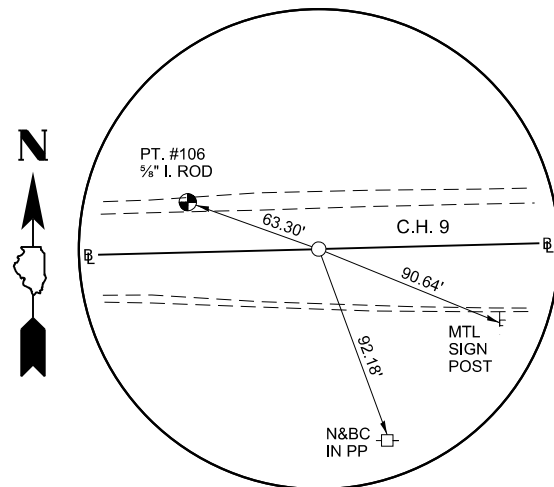
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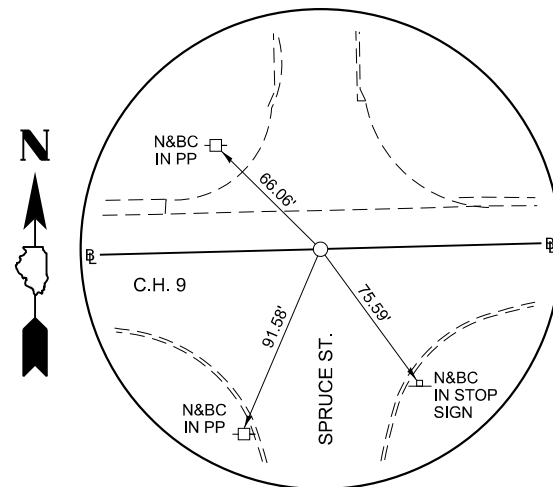
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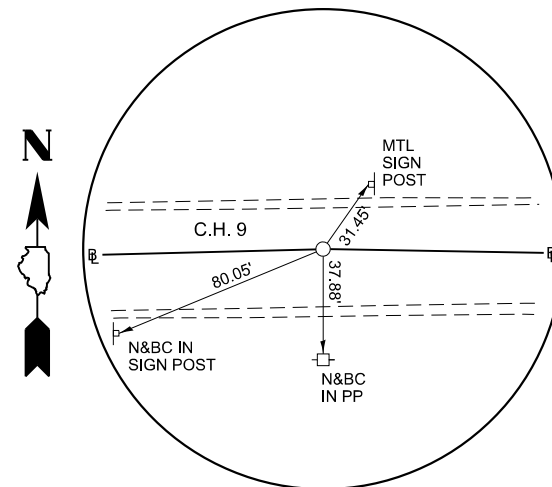
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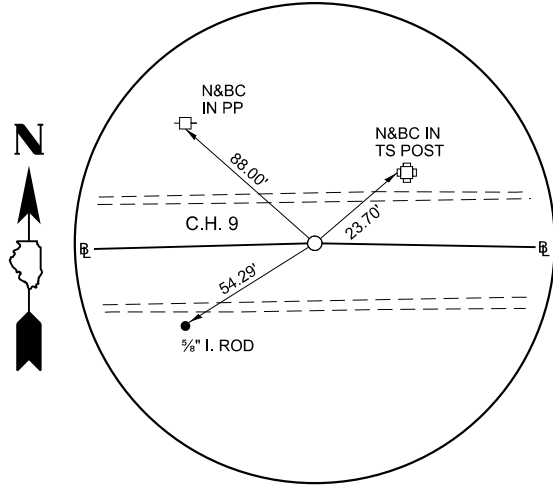
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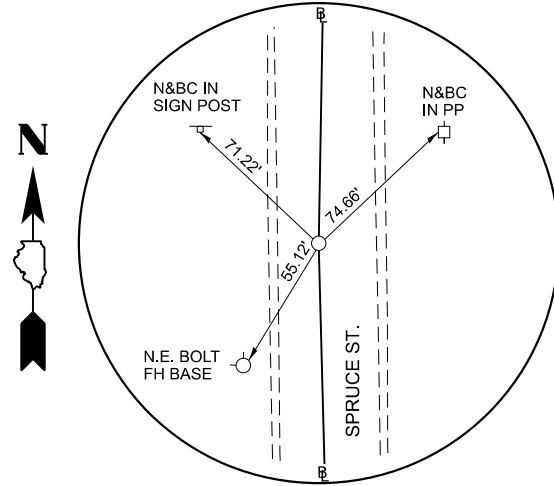
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C.H. 9 (MANTENO-DESELM RD.)  
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(BRASS MONUMENT)



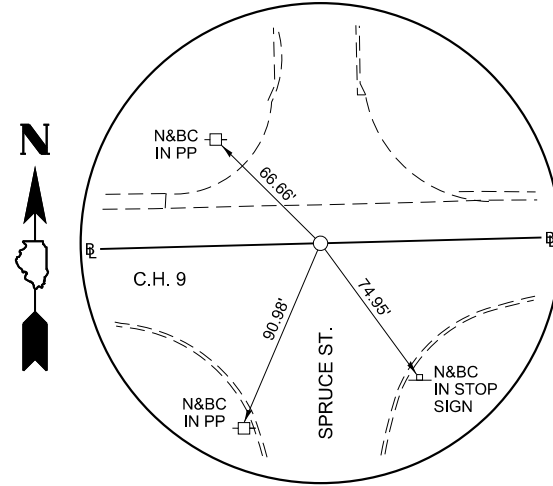
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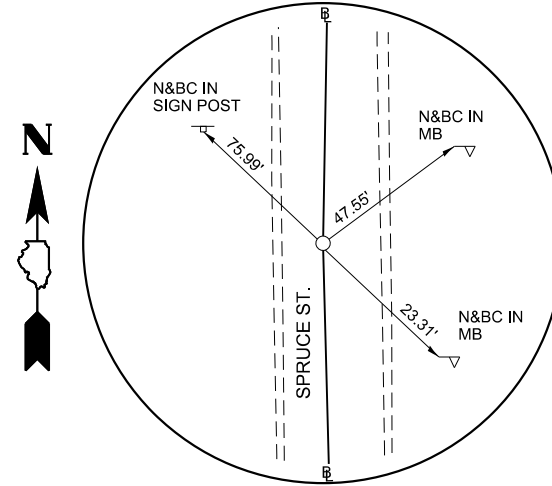
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C.H. 9 (MANTENO-DESELM RD.)  
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(PK NAIL)



POT STA. 294+25.91  
SPRUCE ST.  
N. 1,669,221.059, E. 1,114,876.681  
(PK NAIL)



PI STA. 300+00.00  
SPRUCE ST.  
N. 1,669,794.992, E. 1,114,863.556  
(MAG NAIL)



POT STA. 305+73.38  
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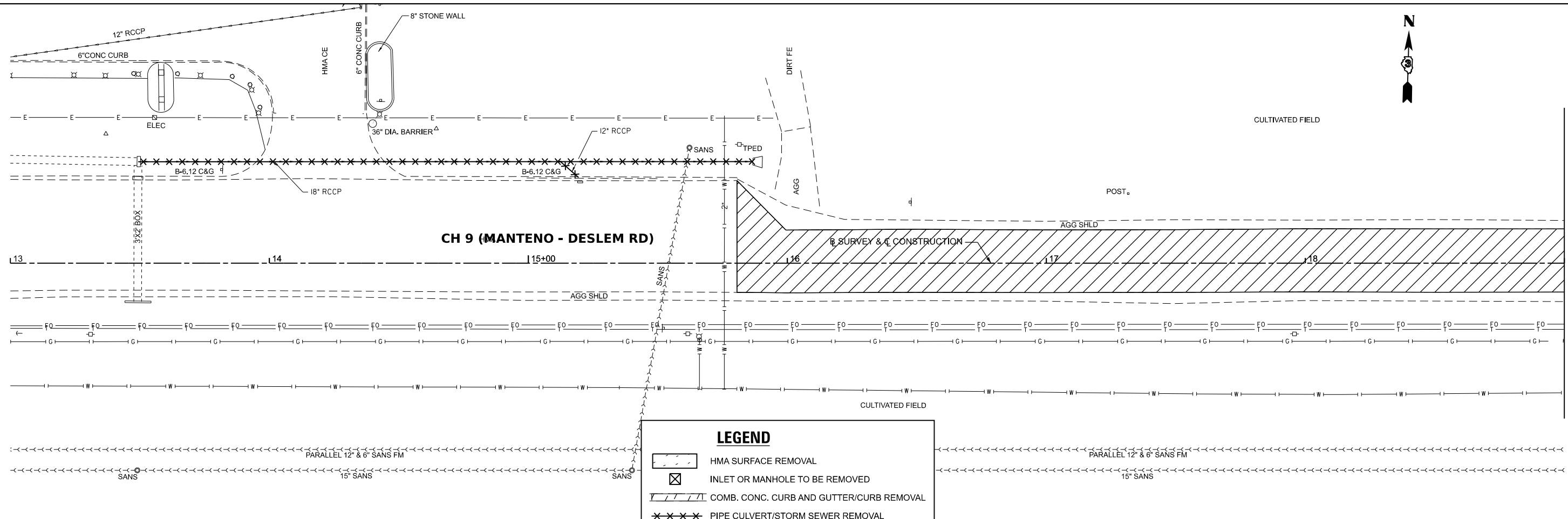
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HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
TIE POINTS**

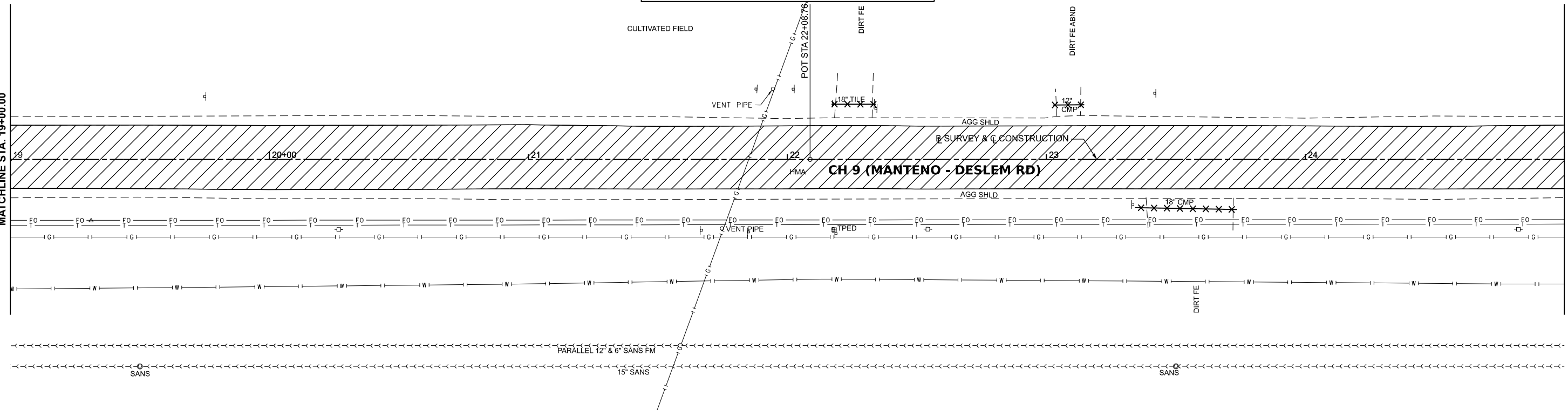
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	26
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- HMA SURFACE REMOVAL
- INLET OR MANHOLE TO BE REMOVED
- COMB. CONC. CURB AND GUTTER/CURB REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TO BE REMOVED
- TREE REMOVAL
- PAVEMENT REMOVAL
- PAVED DITCH REMOVAL



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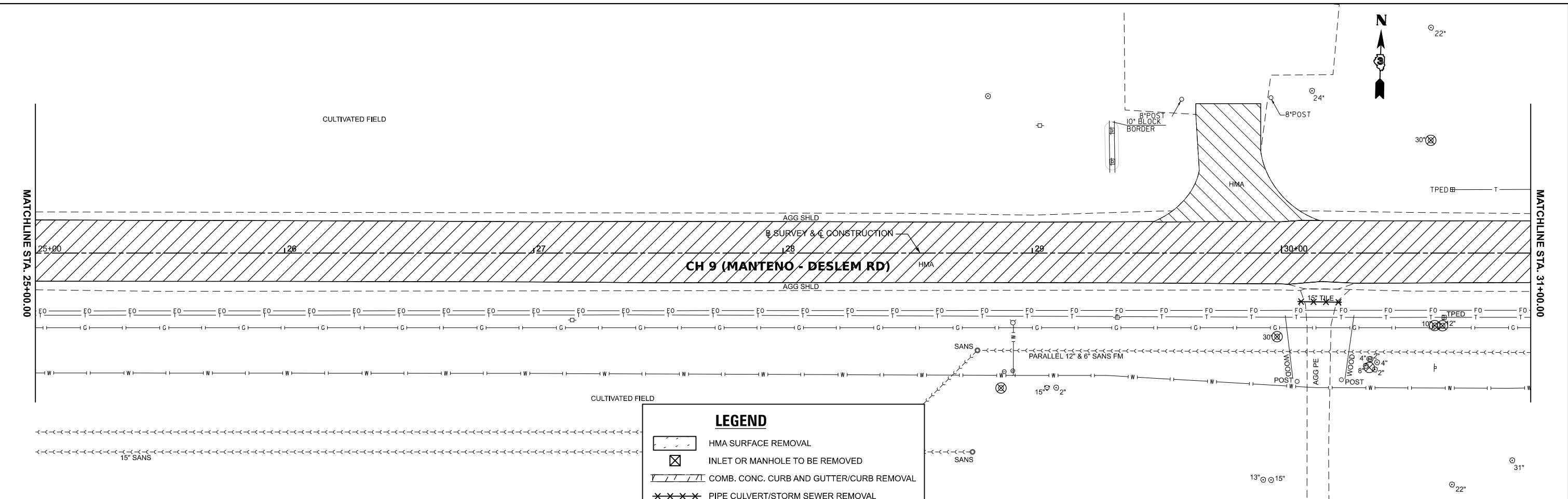
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
REMOVAL PLAN**

SCALE: 1"=20'    SHEET 1    OF 7    SHEETS    STA. 13+00.00    TO STA. 25+00.00

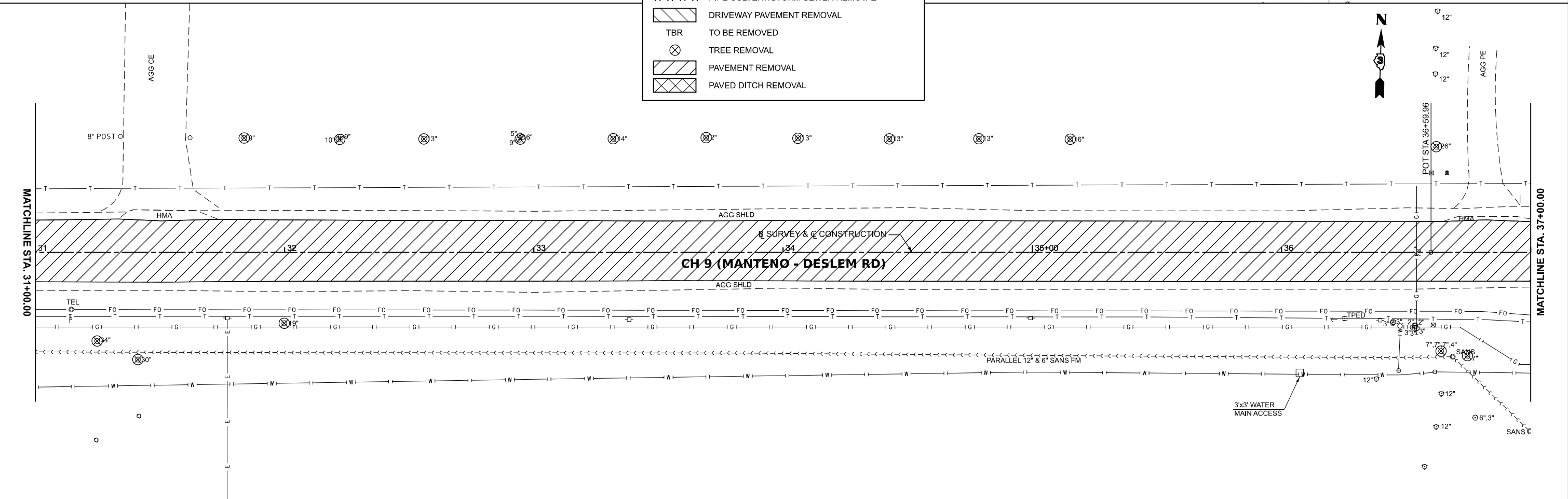
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ILLINOIS FED. AID PROJECT				

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**LEGEND**

- HMA SURFACE REMOVAL
- INLET OR MANHOLE TO BE REMOVED
- COMB. CONC. CURB AND GUTTER/CURB REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TBR TO BE REMOVED
- TREE REMOVAL
- PAVEMENT REMOVAL
- PAVED DITCH REMOVAL



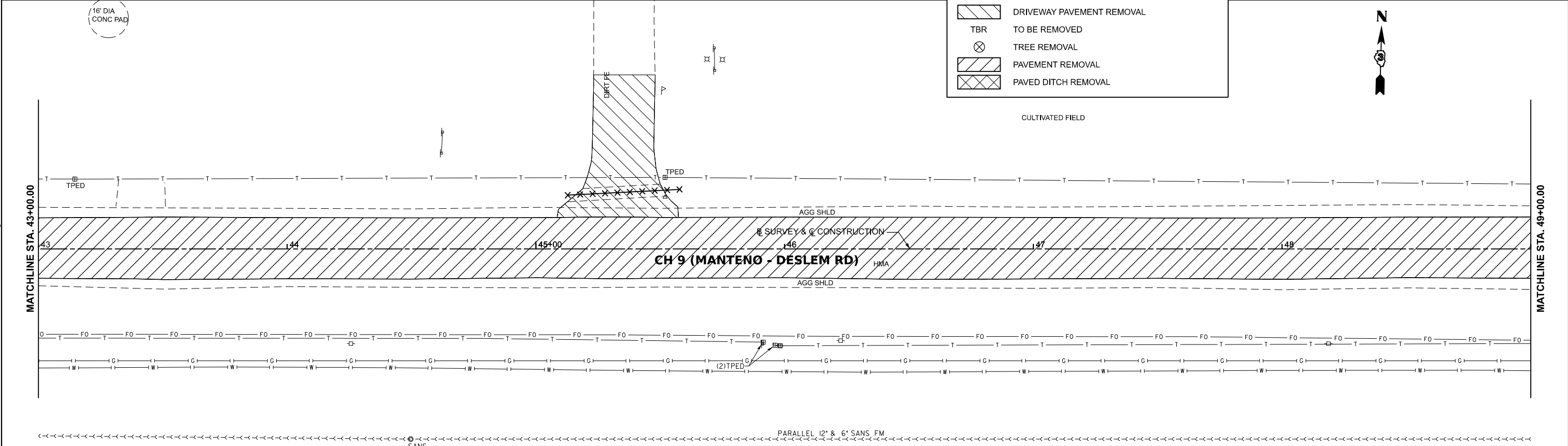
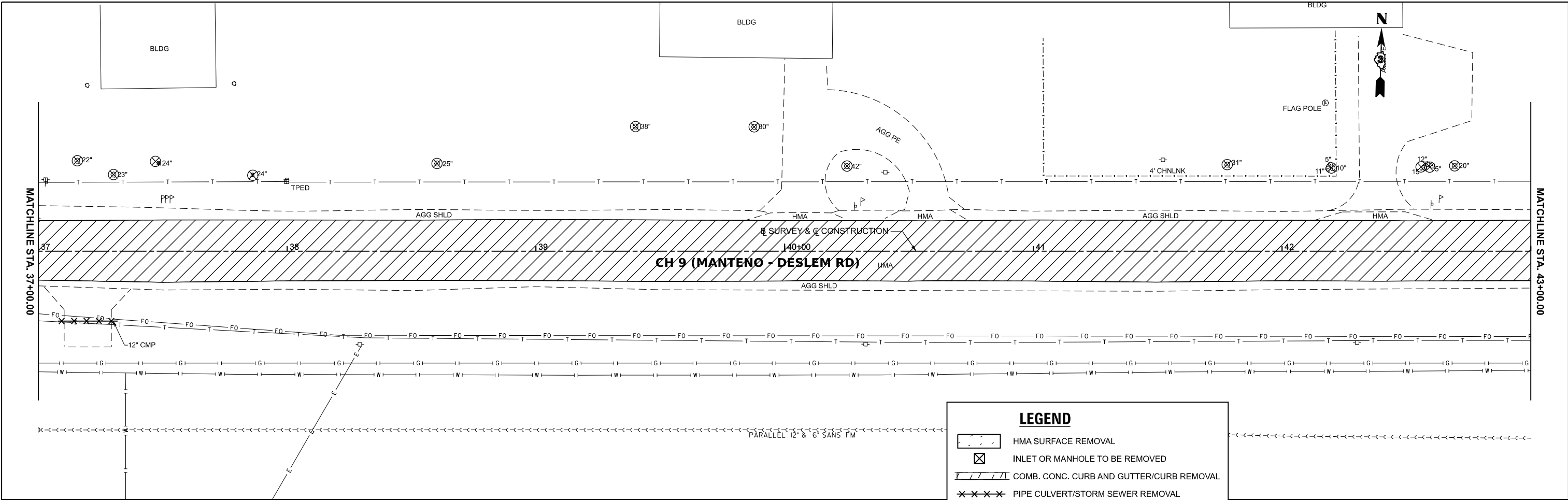
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	DATE -	REVISED -

**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 REMOVAL PLAN**

SCALE: 1"=20'    SHEET 2 OF 7 SHEETS    STA. 25+00.00 TO STA. 37+00.00

F.A.S. RTE. 311	SECTION 08-00286-00-FP	COUNTY KANKAKEE	TOTAL SHEETS 173	SHEET NO. 28
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- HMA SURFACE REMOVAL
- INLET OR MANHOLE TO BE REMOVED
- COMB. CONC. CURB AND GUTTER/CURB REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TO BE REMOVED
- TREE REMOVAL
- PAVEMENT REMOVAL
- PAVED DITCH REMOVAL

CULTIVATED FIELD

MODEL: \$MODELNAMES  
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USER NAME = BDeCrane  
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 PLOT DATE = 3/21/2024

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 DRAWN -  
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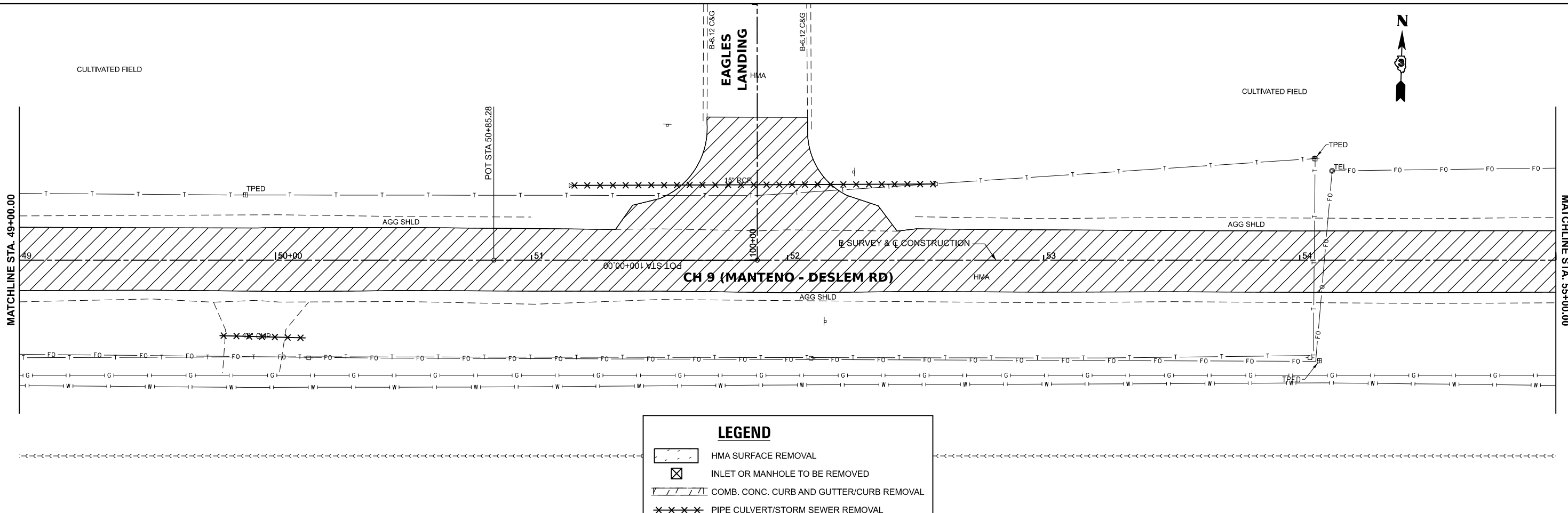
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**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
REMOVAL PLAN**

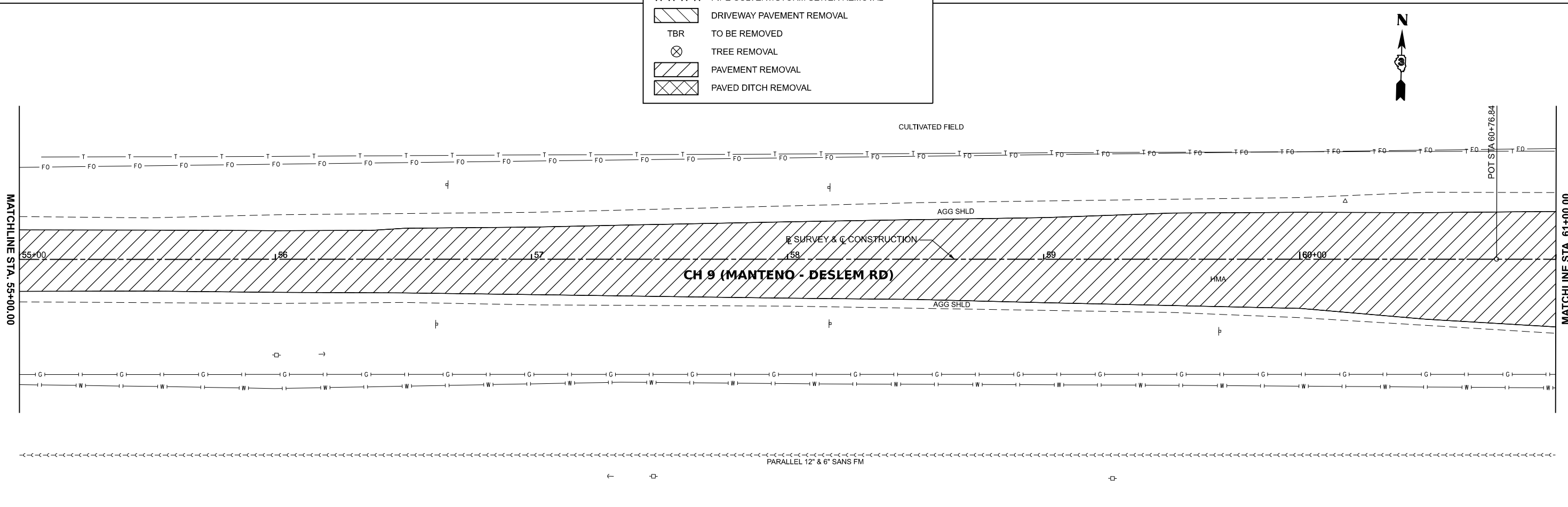
SCALE: 1"=20'    SHEET 3    OF 7    SHEETS    STA. 37+00.00    TO STA. 49+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	29
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- HMA SURFACE REMOVAL
- INLET OR MANHOLE TO BE REMOVED
- COMB. CONC. CURB AND GUTTER/CURB REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TBR TO BE REMOVED
- TREE REMOVAL
- PAVEMENT REMOVAL
- PAVED DITCH REMOVAL



MODEL: \\MODEL\NAMES  
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USER NAME = BDeCrane	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/21/2024	DATE -	REVISED -	

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**










**CH 9 (MANTENO - DESELM RD)  
REMOVAL PLAN**

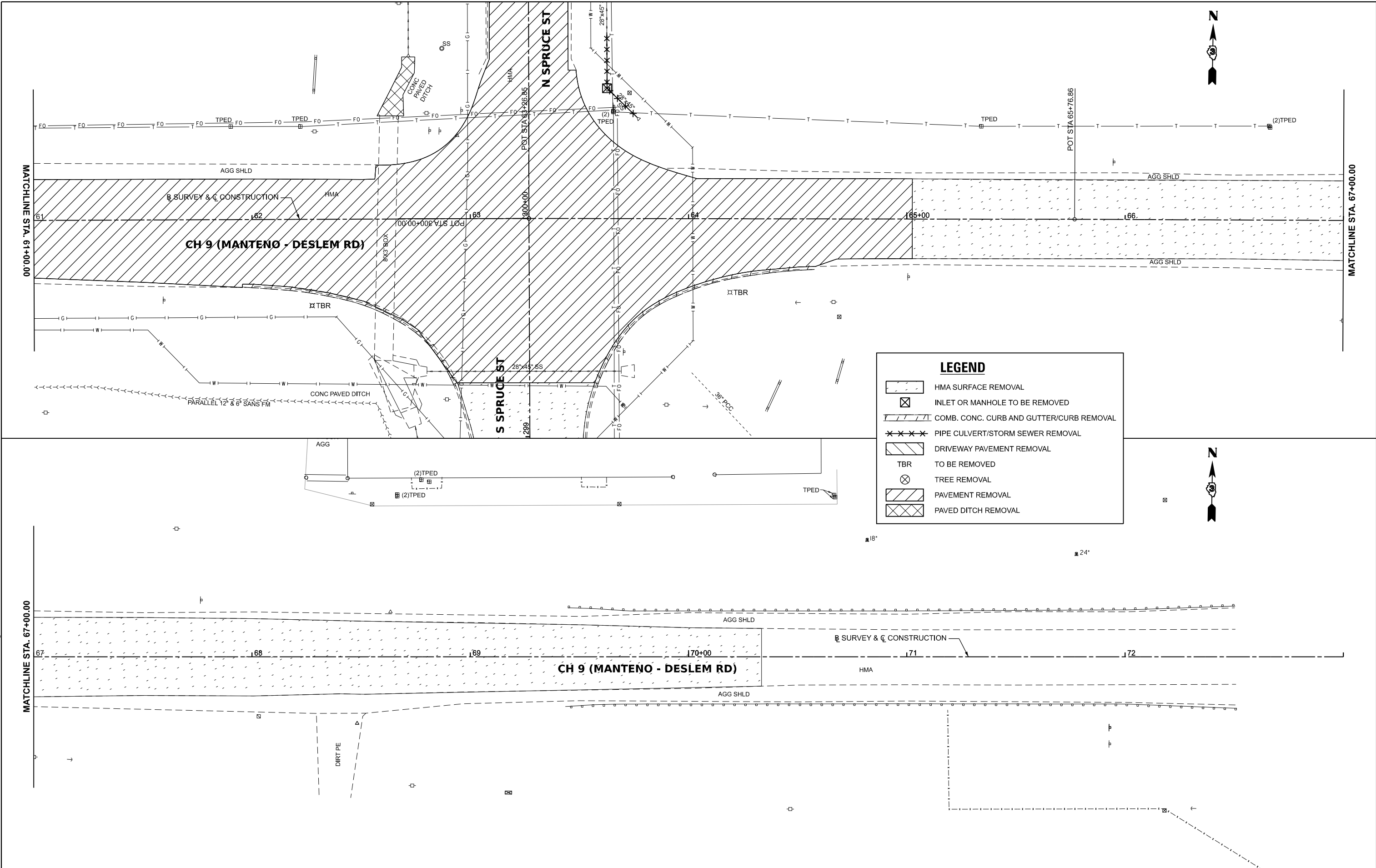
SCALE: 1"=20'      SHEET 4 OF 7 SHEETS      STA. 49+00.00 TO STA. 61+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	30
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  HMA SURFACE REMOVAL
-  INLET OR MANHOLE TO BE REMOVED
-  COMB. CONC. CURB AND GUTTER/CURB REMOVAL
-  PIPE CULVERT/STORM SEWER REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  TO BE REMOVED
-  TREE REMOVAL
-  PAVEMENT REMOVAL
-  PAVED DITCH REMOVAL



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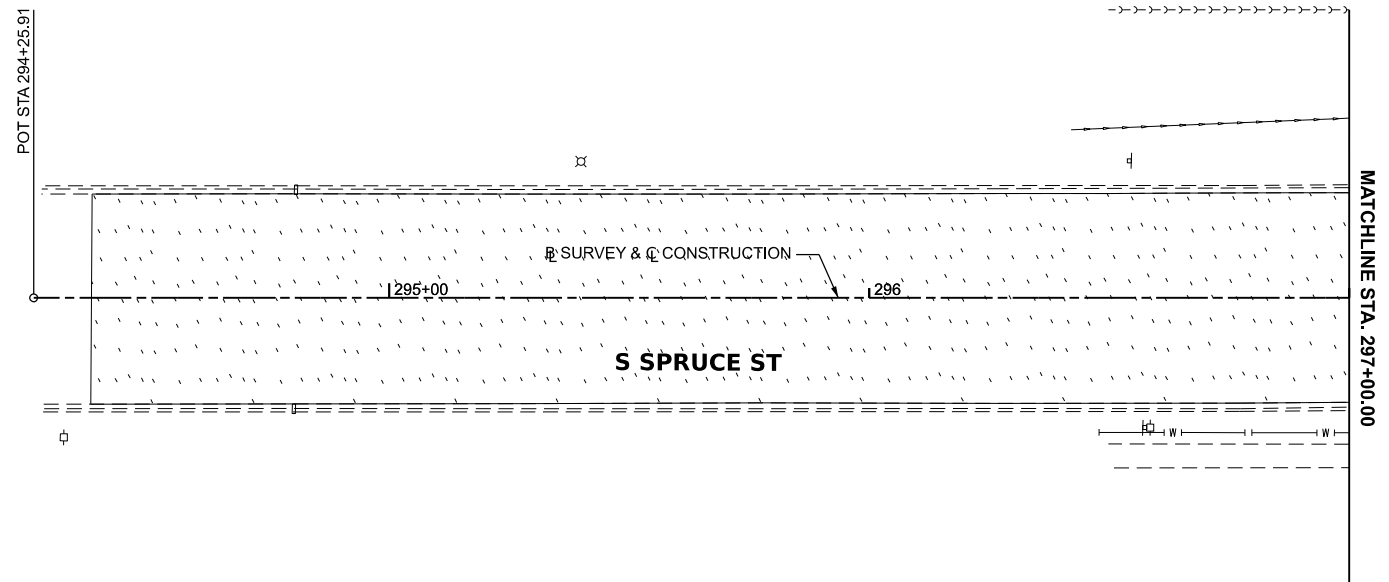
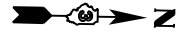
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	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
REMOVAL PLAN**

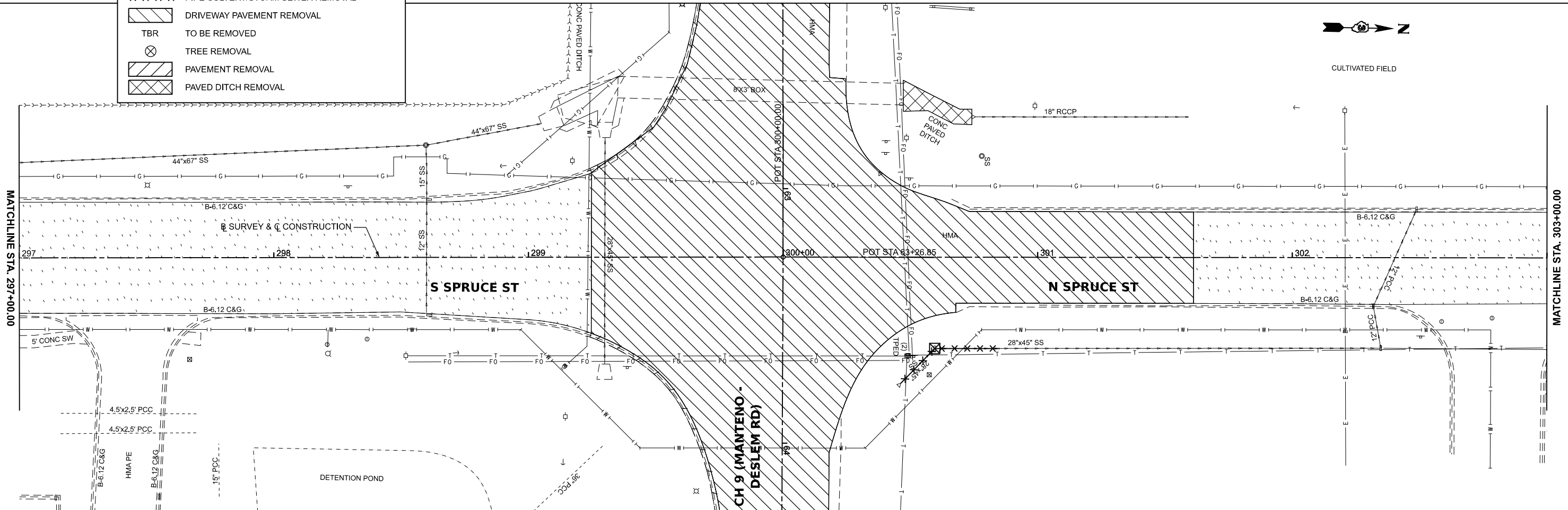
SCALE: 1"=20'    SHEET 5    OF 7    SHEETS    STA. 61+00.00    TO STA. 73+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	31
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	HMA SURFACE REMOVAL
	INLET OR MANHOLE TO BE REMOVED
	COMB. CONC. CURB AND GUTTER/CURB REMOVAL
	PIPE CULVERT/STORM SEWER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	TBR TO BE REMOVED
	TREE REMOVAL
	PAVEMENT REMOVAL
	PAVED DITCH REMOVAL



MODEL: \$MODEL\$  
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USER NAME = BDeCrane  
 PLOT SCALE = 0.16666633 1/In.  
 PLOT DATE = 3/21/2024

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
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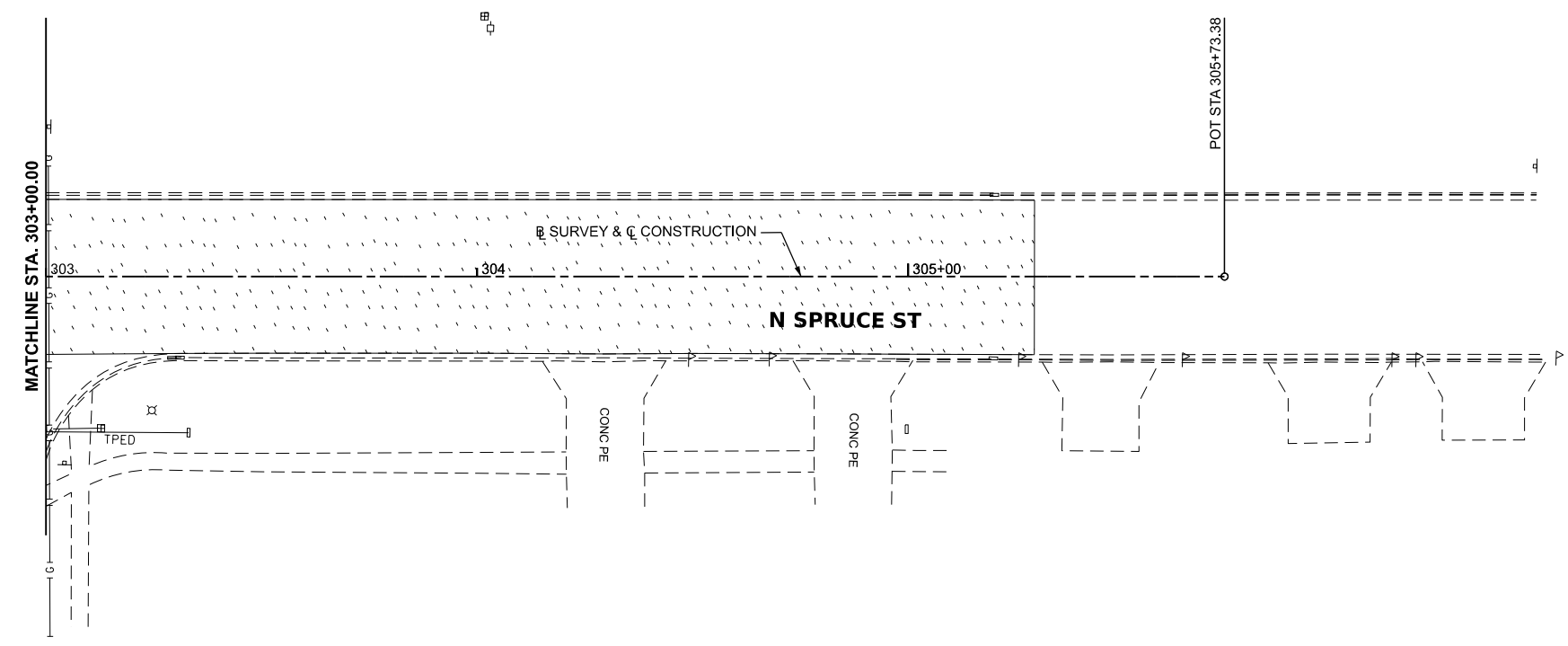
**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 REMOVAL PLAN**

SCALE: 1"=20'  
 SHEET 6 OF 7 SHEETS  
 STA. 291+00.00 TO STA. 303+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	32
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				





**LEGEND**

- HMA SURFACE REMOVAL
- INLET OR MANHOLE TO BE REMOVED
- COMB. CONC. CURB AND GUTTER/CURB REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TBR TO BE REMOVED
- TREE REMOVAL
- PAVEMENT REMOVAL
- PAVED DITCH REMOVAL

MODEL: \$MODELNAMES  
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USER NAME = BDeCrane	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 0.16666633' / In.	CHECKED -	REVISED -	
PLOT DATE = 3/21/2024	DATE -	REVISED -	

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
REMOVAL PLAN**

SCALE: 1"=20'      SHEET 7    OF 7    SHEETS    STA. 303+00.00    TO STA. 309+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	33
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

**PRE-STAGE I CONSTRUCTION**

CONSTRUCT TEMPORARY WIDENING ALONG THE SOUTH SIDE OF C.H. 9 (MANTENO-DESELM RD.) FROM STA. 12+15.64 TO STA. 61+13.66 AND FROM STA. 63+71.15 TO STA. 67+80.63.

**TRAFFIC CONTROL AND PROTECTION**

TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN, SECTION 701 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS.

TWO-WAY TRAFFIC SHALL BE ACCOMMODATED AT ALL TIMES EXCEPT DURING ISOLATED FLAGGER CONTROLLED LANE CLOSURES.

FLAGGER CONTROLLED LANE CLOSURES SHOULD BE PLANNED TO AVOID LANE CLOSURES DURING THE AM AND PM PEAK HOURS.

EXISTING TRAFFIC CONTROL SIGNS AND DEVICES WILL BE REMOVED OR BRACED BY THE CONTRACTOR AFTER THE PROPOSED TRAFFIC CONTROL REQUIREMENTS ARE MET, OR AS AUTHORIZED BY THE ENGINEER. SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR.

THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO ENSURE THAT NO DROP-OFF OF GREATER THAN 12" WITHIN 8' OF THE TRAVEL LANE IS PRESENT DURING NON-WORKING HOURS.

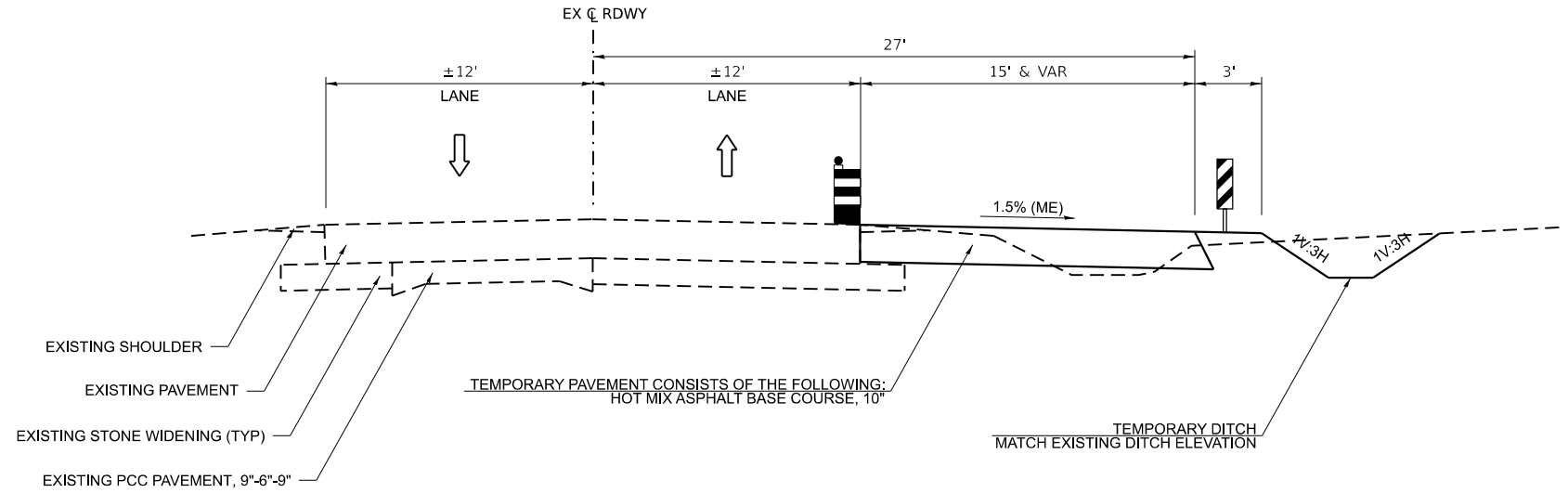
BARRICADES SHALL BE REQUIRED TO DELINEATE THE TRAVEL WAY. BARRICADES WITH WORKING LIGHTS SHALL BE REQUIRED TO DELINEATE THE TRAVEL WAY ALONG TAPERS. THE MAXIMUM SPACING SHALL BE 50 FEET, CENTER TO CENTER ALONG TANGENTS; AND 25 FEET, CENTER TO CENTER ALONG TAPERS AND ALONG CURVES AND RADII TO SIDE ROADS AND ENTRANCES.

THE FOLLOWING TRAFFIC CONTROL STANDARDS ARE THE MINIMUM REQUIREMENTS FOR THE TRAFFIC CONTROL THIS PROJECT: 701001, 701006, 701011, 701201, 701301, 701306, 701326, 701501, 701502, 701901, B.L.R. 17-4, B.L.R. 18-6, AND B.L.R. 22-5.

THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL PROPERTIES AND ENTRANCES AT ALL TIMES. THE PAY ITEM TEMPORARY ACCESS (PRIVATE, COMMERCIAL OR FIELD ENTRANCE) HAS BEEN PROVIDED TO AID THE CONTRACTOR IN MAINTAINING THIS ACCESS.

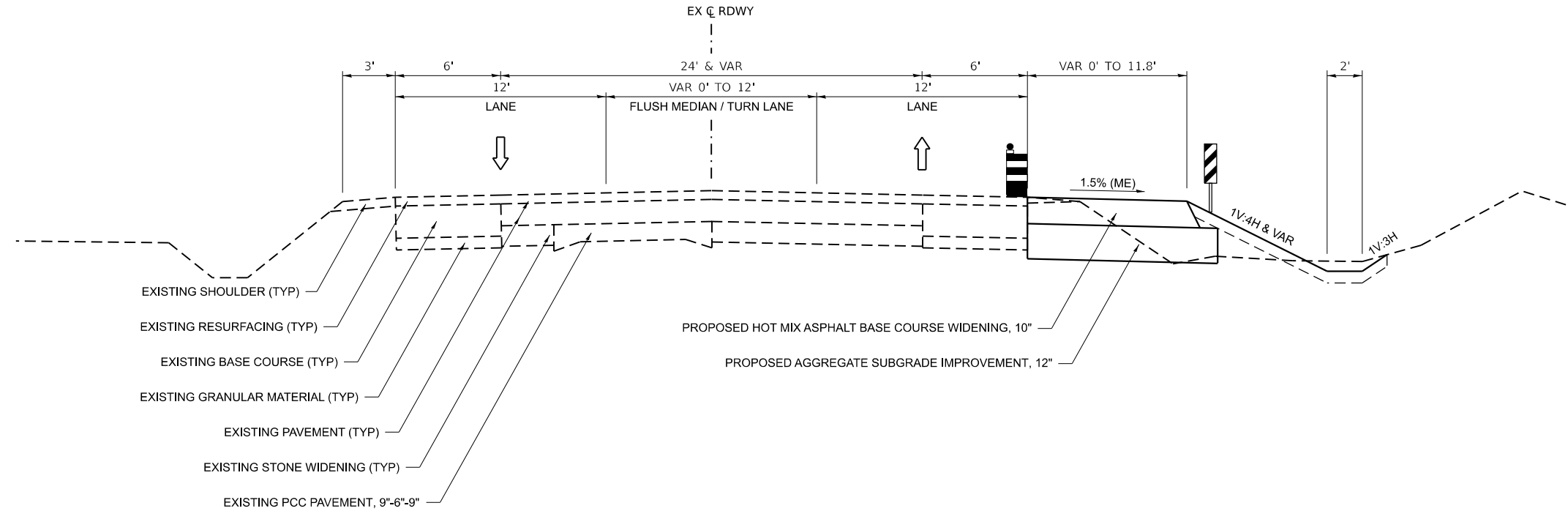
PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS APPROVED BY THE ENGINEER. THE MESSAGES SHOWN SHALL BE PROVIDED BY THE ENGINEER AND SHALL BE IN PLACE 7 DAYS PRIOR TO A STAGE CHANGE. THIS WORK SHALL BE PAID FOR AS "CHANGEABLE MESSAGE SIGN" PER CALENDAR DAY.

DEPICTED TRAFFIC CONTROL IS A MINIMUM REQUIREMENT AND OTHER WORK OR SIGNING MAY BE REQUIRED AS PER THE INSTRUCTION OF THE ENGINEER IN CHARGE. THE COST INCURRED TO COMPLY WILL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)."



**PRE-STAGE I TYPICAL SECTION  
C.H. 9 (MANTENO-DESELM RD.)**

STA. 12+15.64 TO STA. 61+13.66  
STA. 63+71.15 TO STA. 65+02.50



**PRE-STAGE I TYPICAL SECTION  
C.H. 9 (MANTENO-DESELM RD.)**

STA. 65+02.50 TO STA. 67+80.63

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FILE NAME: Y:\31051 - Manteno-Deselm\_Recon\CADD\CADD Sheets\Phase II\051-staging-typicals-Phase II.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.1667" / 1"	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

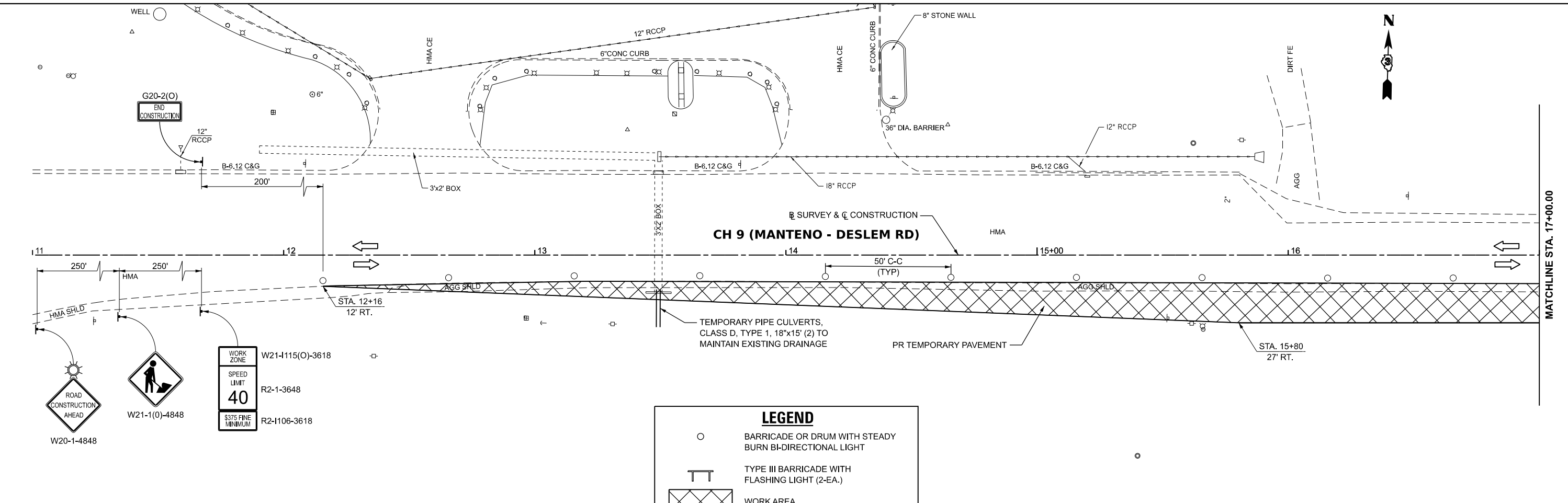
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PRE-STAGE 1 TYPICAL SECTION**

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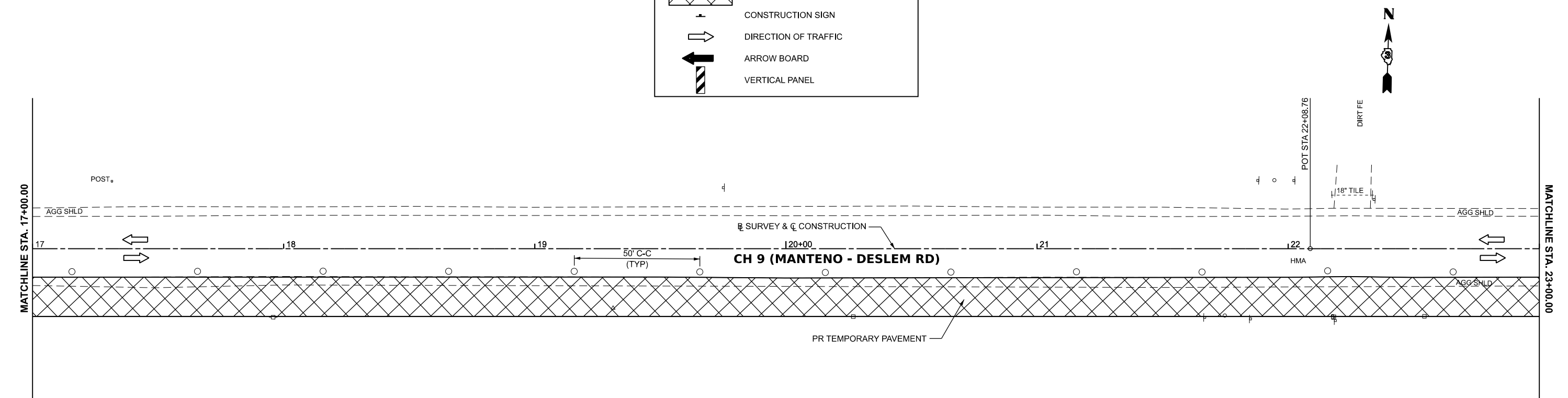
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311	08-00286-00-FP	KANKAKEE	173	34
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

MODEL: \$MODELNAMES  
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**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



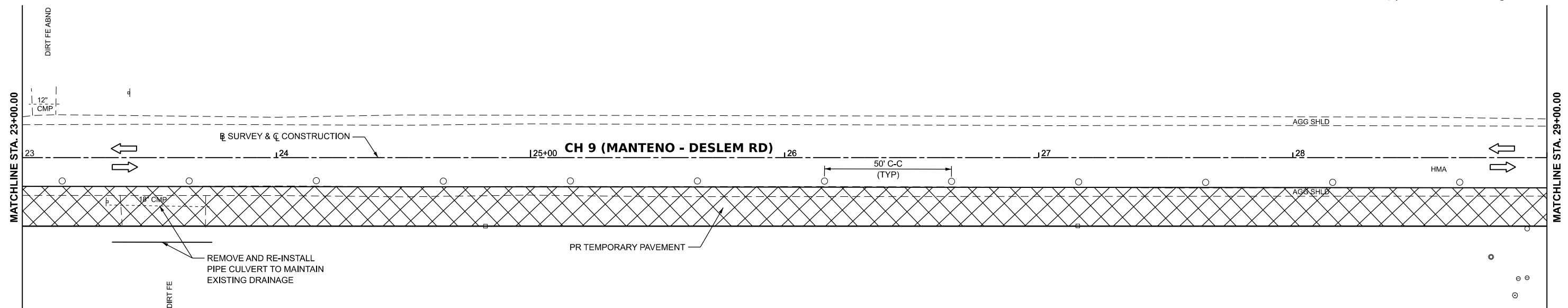
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	DATE -	REVISED -

**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**








**CH 9 (MANTENO - DESELM RD)  
 PRE-STAGE I CONSTRUCTION PLAN**

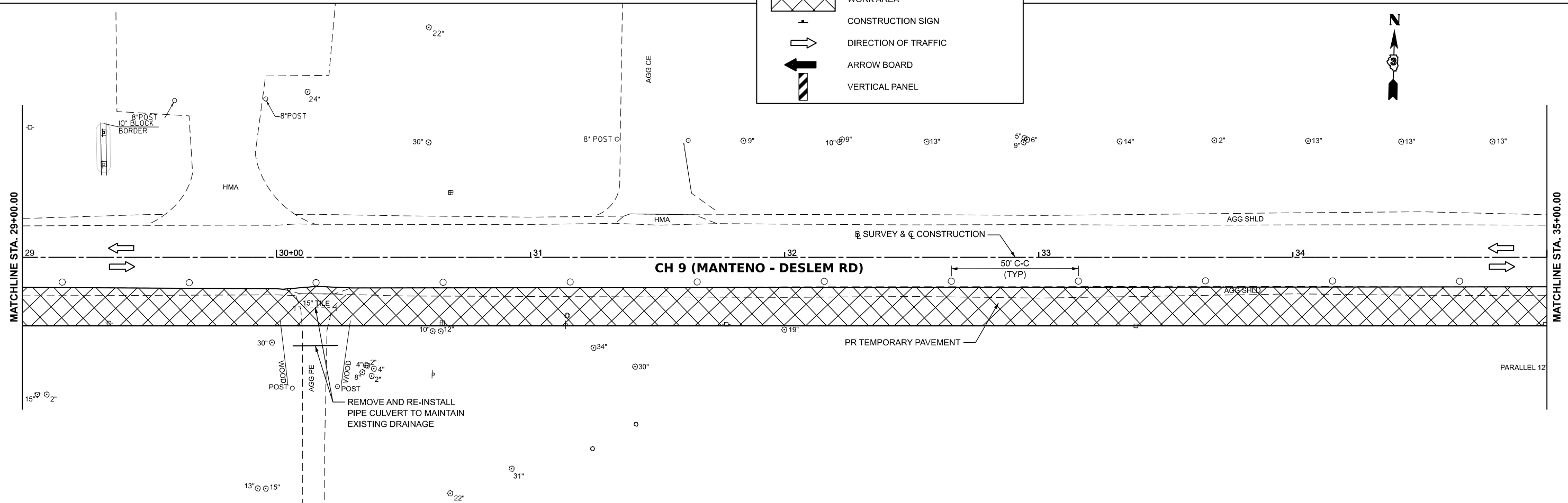
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	35
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
-  TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
-  WORK AREA
-  CONSTRUCTION SIGN
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  VERTICAL PANEL



MODEL: \\MODEL\NAMES  
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USER NAME = BDeCrane	DESIGNED -	REVISED -
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PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

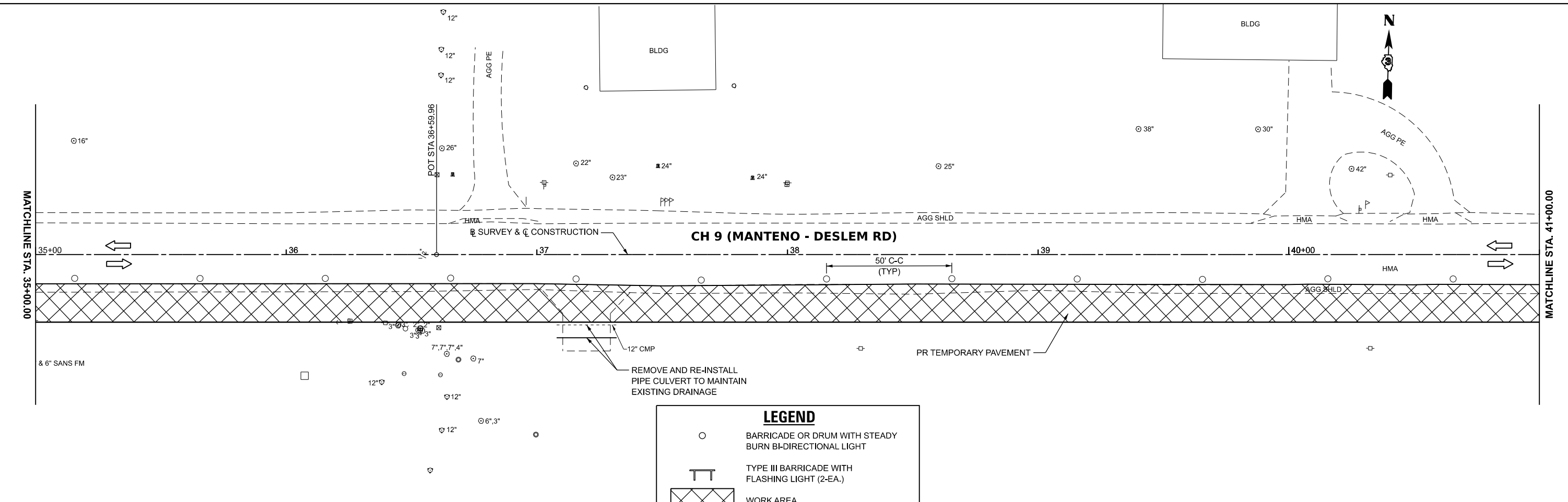
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PRE-STAGE I CONSTRUCTION PLAN**

SCALE: 1"=20'    SHEET 2 OF 5 SHEETS    STA. 23+00.00 TO STA. 35+00.00

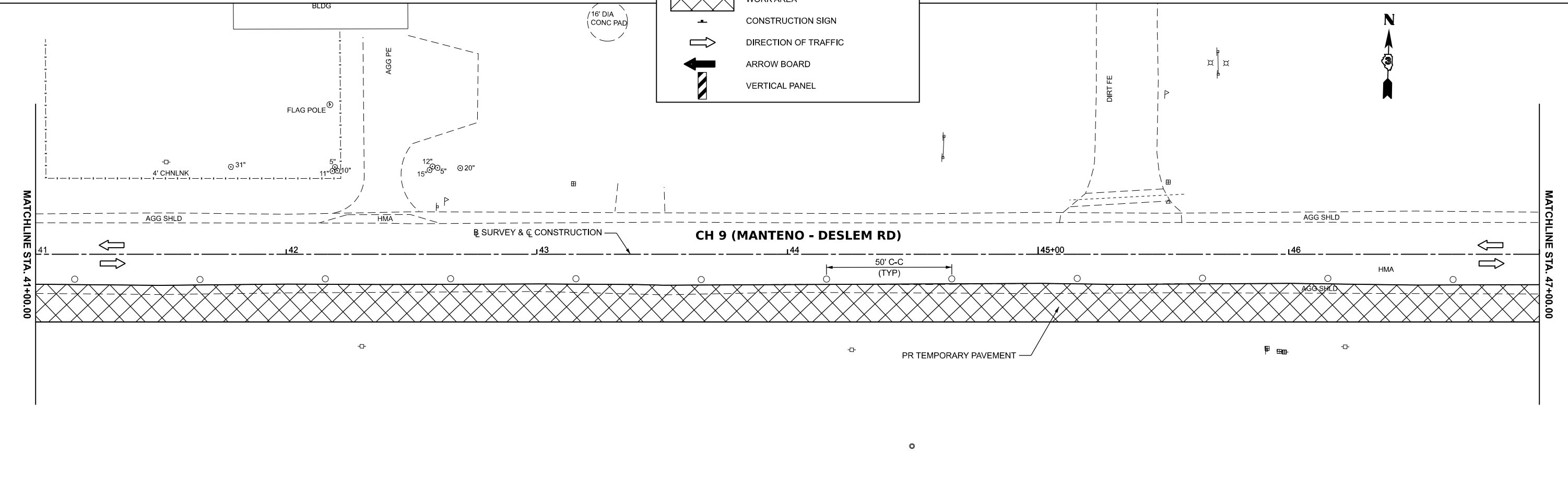
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311	08-00286-00-FP	KANKAKEE	173	36
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

MODEL: \$MODELNAMES  
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**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / In.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

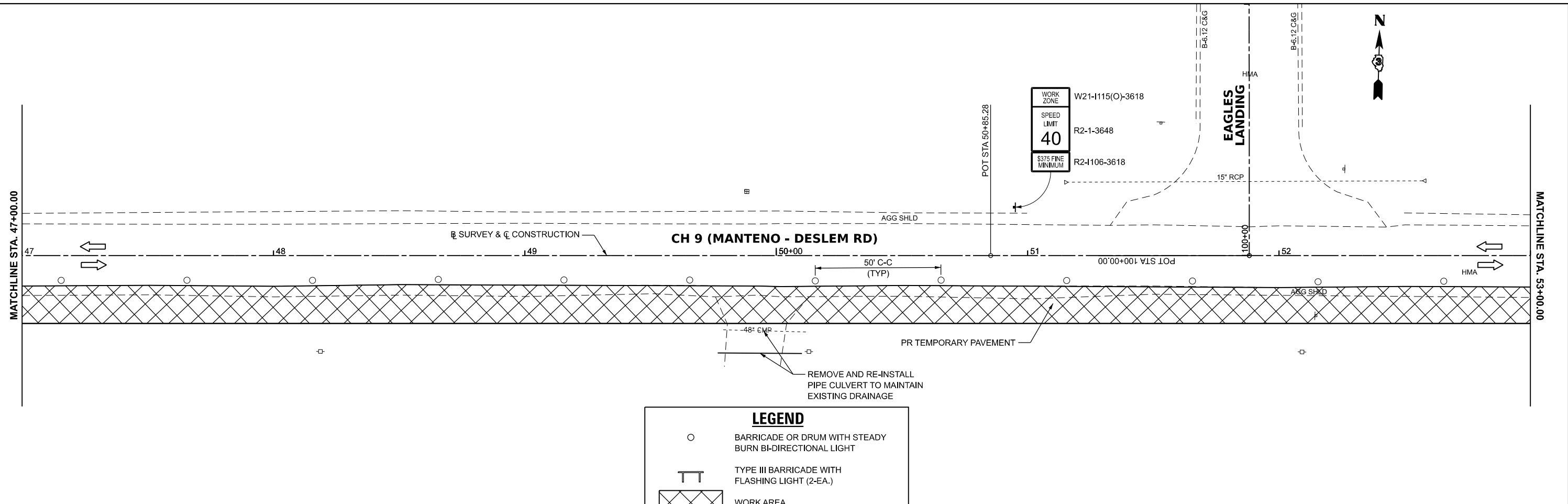
**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 PRE-STAGE I CONSTRUCTION PLAN**

SCALE: 1"=20'    SHEET 3 OF 5 SHEETS    STA. 35+00.00 TO STA. 47+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	37
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

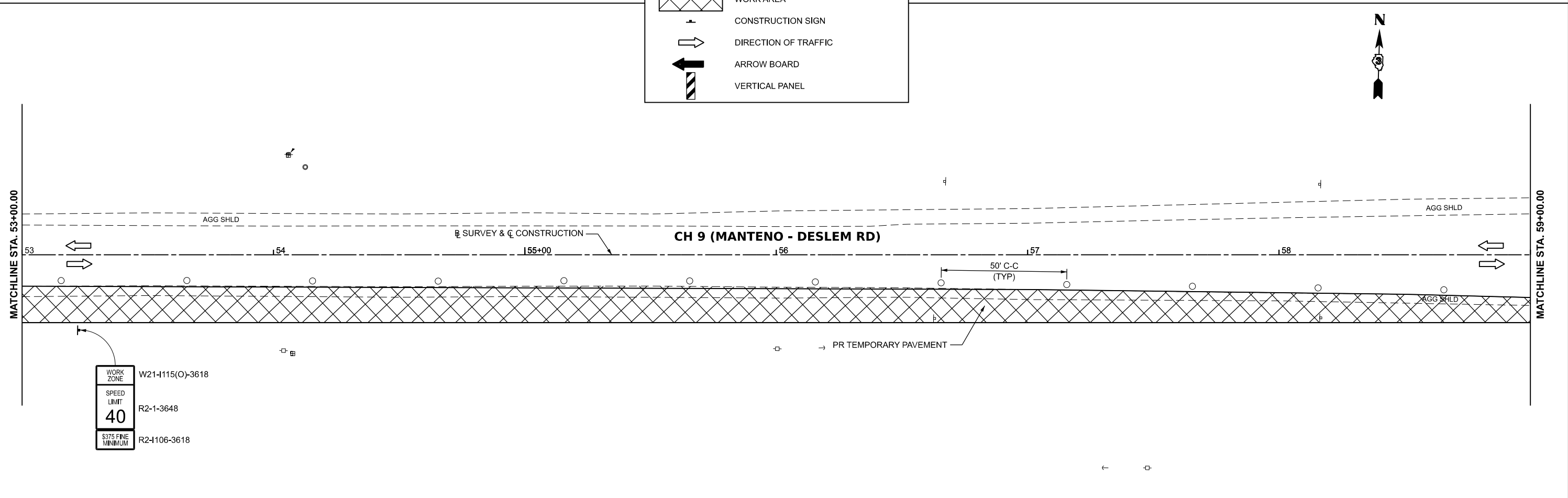
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WORK ZONE W21-1115(O)-3618  
 SPEED LIMIT R2-1-3648  
**40**  
 S375 FINE MINIMUM R2-1106-3618

**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



WORK ZONE W21-1115(O)-3618  
 SPEED LIMIT R2-1-3648  
**40**  
 S375 FINE MINIMUM R2-1106-3618



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/21/2024	DATE -	REVISED -

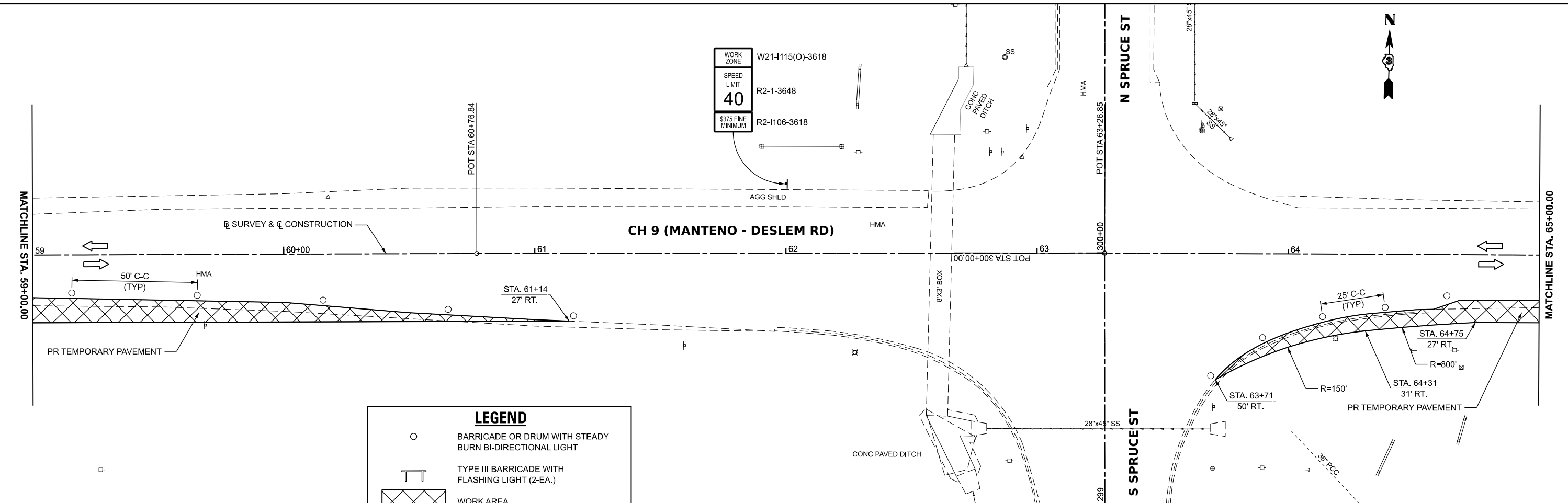
**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 PRE-STAGE I CONSTRUCTION PLAN**

SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. 47+00.00 TO STA. 59+00.00

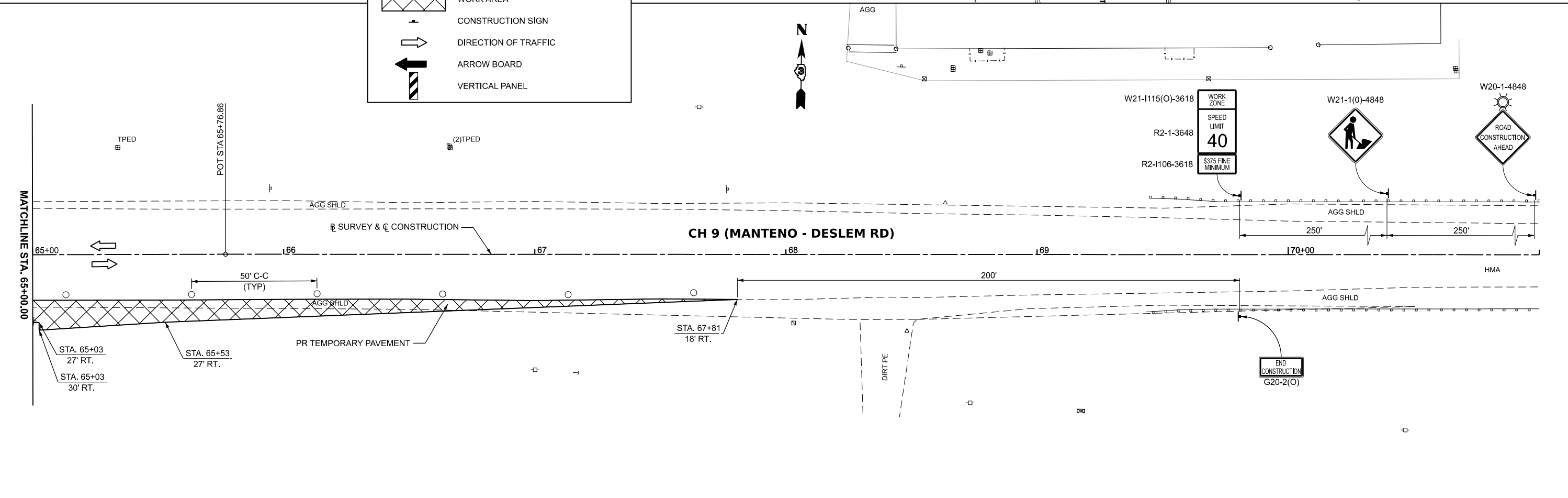
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311	08-00286-00-FP	KANKAKEE	173	38
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



USER NAME = BDeCrane  
 PLOT SCALE = 0.16666833" / in.  
 PLOT DATE = 3/21/2024

DESIGNED -  
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 CHECKED -  
 DATE -

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 REVISED -

**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 PRE-STAGE I CONSTRUCTION PLAN**

SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. 59+00.00 TO STA. 71+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	39
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

**STAGE I CONSTRUCTION**

RECONSTRUCT THE PROPOSED PAVEMENT AND APPURTANCES ON THE NORTH SIDE OF C.H. 9 (MANTENO-DESELM RD.) TO THE CONSTRUCTION LIMIT LINE AS SHOWN IN THE PLANS FROM STA. 15+80.52 TO STA. 65+02.50.

CONSTRUCT STORM SEWER ALONG THE NORTH SIDE OF C.H.9 (MANTENO-DESELM RD.) AS SHOWN IN THE DRAINAGE PLANS.

CONSTRUCT SHARED-USE PATH EAST OF EAGLES LANDING TO WEST SIDE OF SPRUCE ST. INTERSECTION.

CONSTRUCT PERMANENT WIDENING ON THE NORTH SIDE OF C.H. 9 (MANTENO-DESELM RD.) TO THE CONSTRUCTION LIMIT LINE AS SHOWN IN THE PLANS FROM STA. 65+02.50 TO STA. 65+52.50.

**ROAD CLOSURES**

EAGLES LANDING MAY BE CLOSED FOR A MAXIMUM OF 14 DAYS DURING STAGE I TO RECONSTRUCT THE PROPOSED PAVEMENT.

THE NORTH LEG OF SPRUCE ST. MAY BE CLOSED FOR A MAXIMUM OF 30 DAYS DURING STAGE I TO RECONSTRUCT THE PROPOSED PAVEMENT.

THE CONTRACTOR SHALL PLAN WORK TO ABIDE BY THE MAXIMUM CLOSURE LENGTHS OR LESS THAN THE MAXIMUM.

SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION REGARDING ROAD CLOSURES.

**TRAFFIC CONTROL AND PROTECTION**

TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN, SECTION 701 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS.

TWO-WAY TRAFFIC SHALL BE ACCOMMODATED AT ALL TIMES EXCEPT DURING ISOLATED FLAGGER CONTROLLED LANE CLOSURES.

FLAGGER CONTROLLED LANE CLOSURES SHOULD BE PLANNED TO AVOID LANE CLOSURES DURING THE AM AND PM PEAK HOURS.

EXISTING TRAFFIC CONTROL SIGNS AND DEVICES WILL BE REMOVED OR BRACED BY THE CONTRACTOR AFTER THE PROPOSED TRAFFIC CONTROL REQUIREMENTS ARE MET, OR AS AUTHORIZED BY THE ENGINEER. SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR.

THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO ENSURE THAT NO DROP-OFF OF GREATER THAN 12" WITHIN 8' OF THE TRAVEL LANE IS PRESENT DURING NON-WORKING HOURS.

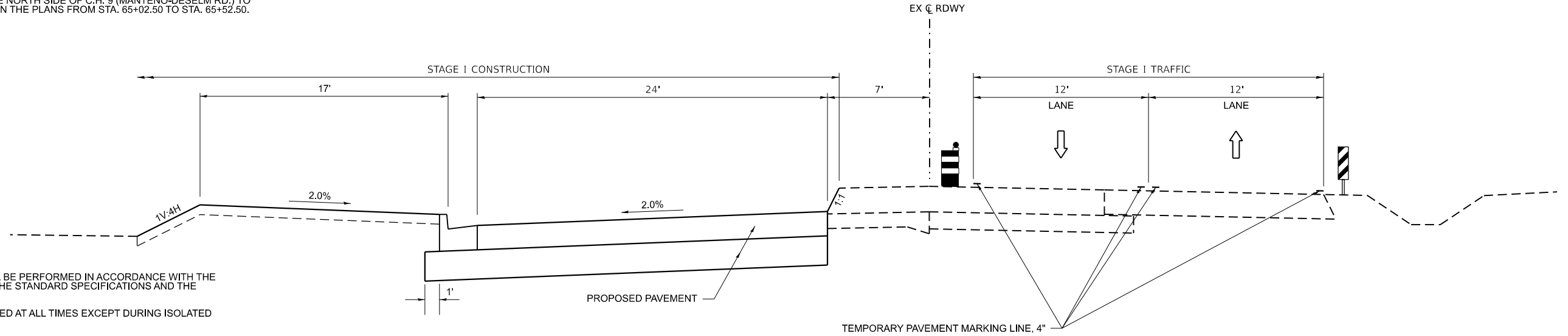
BARRICADES SHALL BE REQUIRED TO DELINEATE THE TRAVEL WAY. BARRICADES WITH WORKING LIGHTS SHALL BE REQUIRED TO DELINEATE THE TRAVEL WAY ALONG TAPERS. THE MAXIMUM SPACING SHALL BE 50 FEET, CENTER TO CENTER ALONG TANGENTS; AND 25 FEET, CENTER TO CENTER ALONG TAPERS AND ALONG CURVES AND RADII TO SIDE ROADS AND ENTRANCES.

THE FOLLOWING TRAFFIC CONTROL STANDARDS ARE THE MINIMUM REQUIREMENTS FOR THE TRAFFIC CONTROL THIS PROJECT: 701001, 701006, 701011, 701201, 701301, 701306, 701326, 701501, 701502, 701901, B.L.R. 17-4, B.L.R. 18-6, AND B.L.R. 22-5.

THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL PROPERTIES AND ENTRANCES AT ALL TIMES. THE PAY ITEM TEMPORARY ACCESS (PRIVATE, COMMERCIAL OR FIELD ENTRANCE) HAS BEEN PROVIDED TO AID THE CONTRACTOR IN MAINTAINING THIS ACCESS.

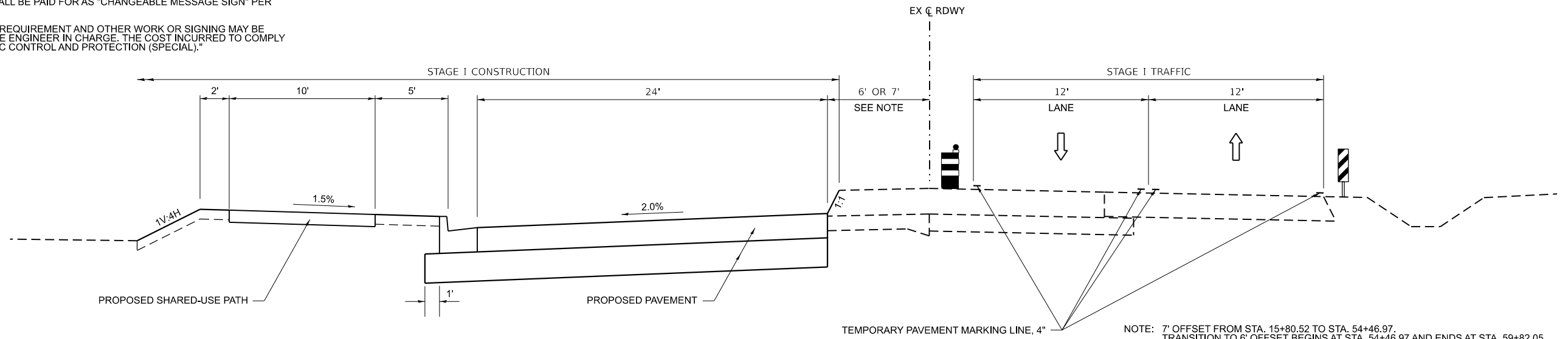
PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS APPROVED BY THE ENGINEER. THE MESSAGES SHOWN SHALL BE PROVIDED BY THE ENGINEER AND SHALL BE IN PLACE 7 DAYS PRIOR TO A STAGE CHANGE. THIS WORK SHALL BE PAID FOR AS "CHANGEABLE MESSAGE SIGN" PER CALENDAR DAY.

DEPICTED TRAFFIC CONTROL IS A MINIMUM REQUIREMENT AND OTHER WORK OR SIGNING MAY BE REQUIRED AS PER THE INSTRUCTION OF THE ENGINEER IN CHARGE. THE COST INCURRED TO COMPLY WILL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)."



**STAGE I TYPICAL SECTION**  
**C.H. 9 (MANTENO-DESELM RD.)**

STA. 15+80.52 TO STA. 51+88.17



**STAGE I TYPICAL SECTION**  
**C.H. 9 (MANTENO-DESELM RD.)**

STA. 51+88.17 TO STA. 65+02.50

NOTE: 7' OFFSET FROM STA. 15+80.52 TO STA. 54+46.97.  
TRANSITION TO 6' OFFSET BEGINS AT STA. 54+46.97 AND ENDS AT STA. 59+82.05.  
6' OFFSET FROM STA. 59+82.05 TO STA. 65+02.50.

MODEL: \$MODELNAMES  
FILE NAME: Y:\31051 - Manteno-Deselm - Recm\CADD\CADD Sheets\PHASE II\31051-staging-typical-Phase II.dgn



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PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

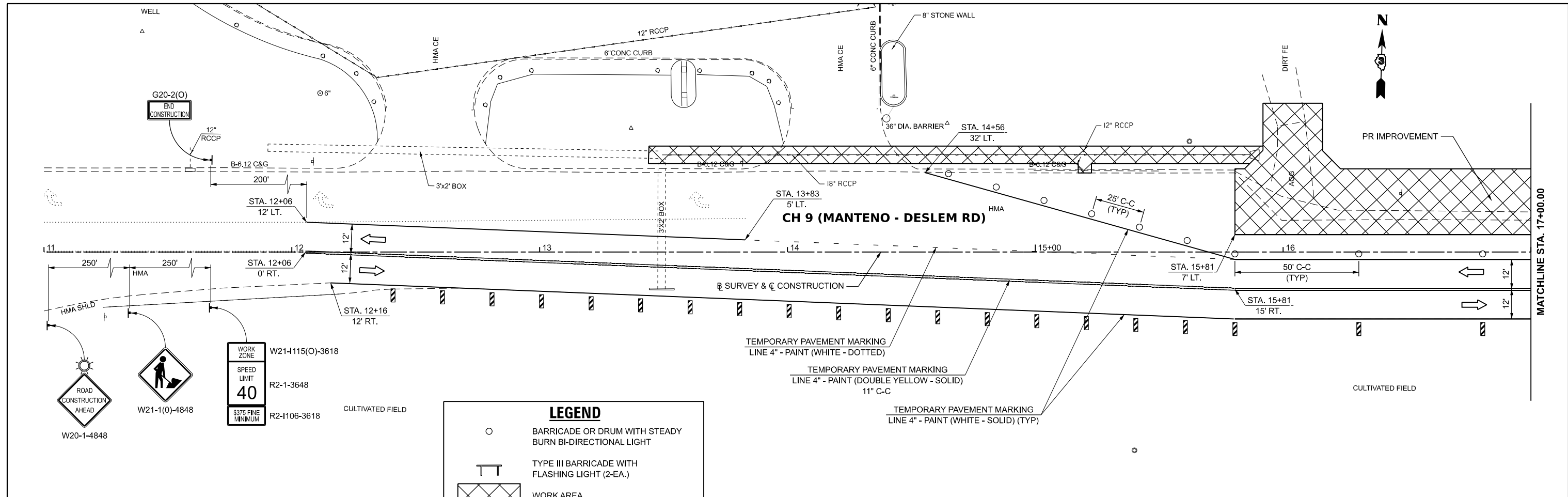
**KANKAKEE COUNTY**  
**HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)**  
**STAGE 1 TYPICAL SECTION**

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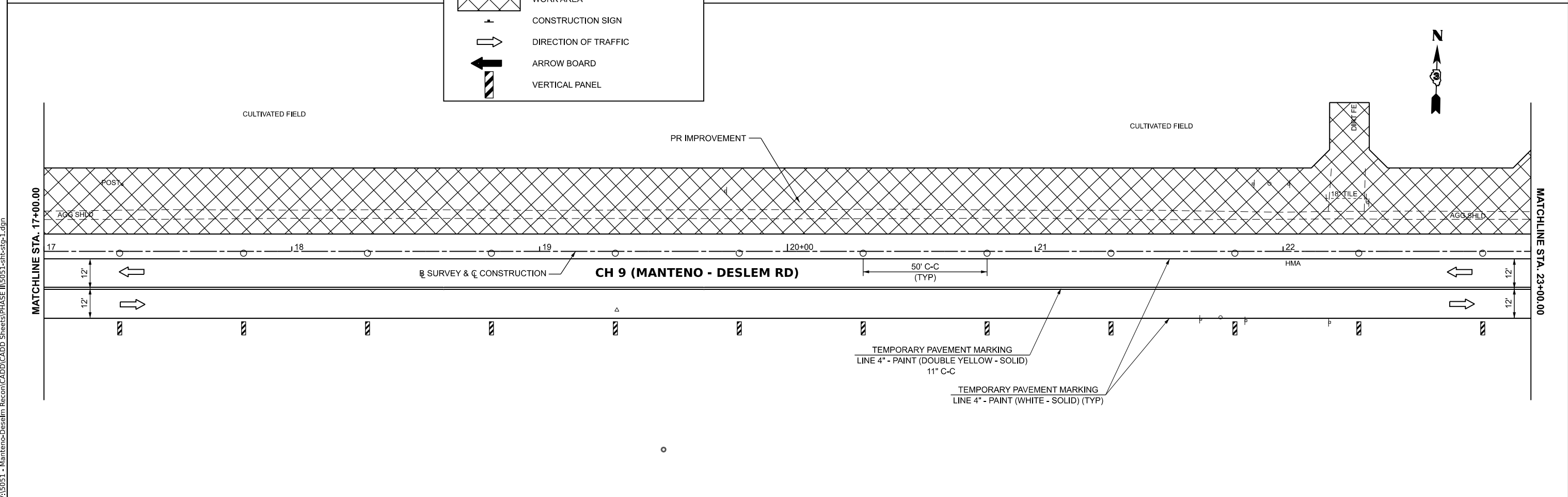
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311	08-00286-00-FP	KANKAKEE	173	40
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				





**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



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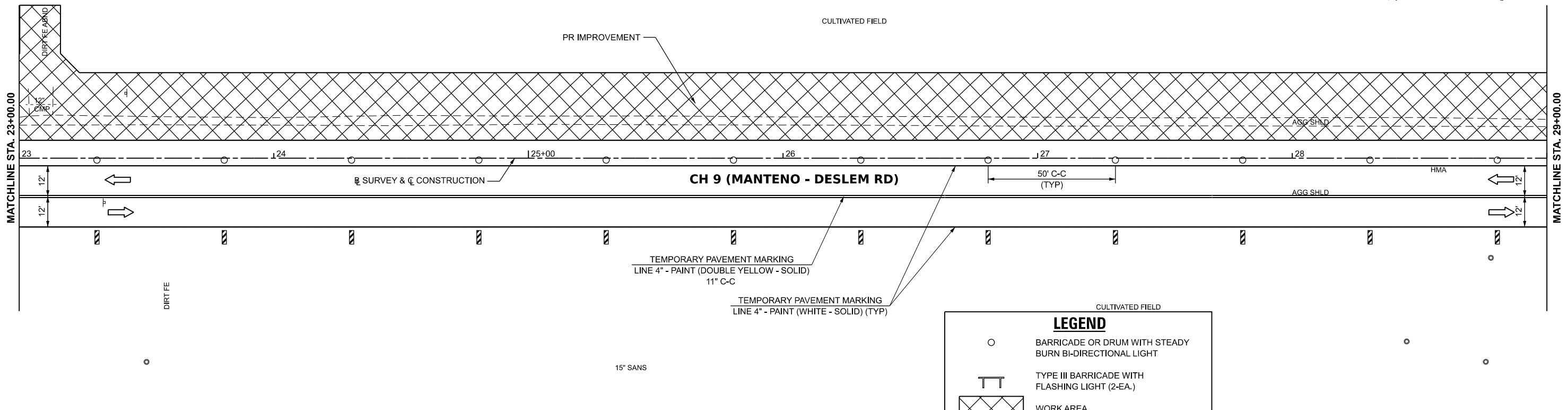
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	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**








**CH 9 (MANTENO - DESELM RD)  
STAGE I CONSTRUCTION PLAN**

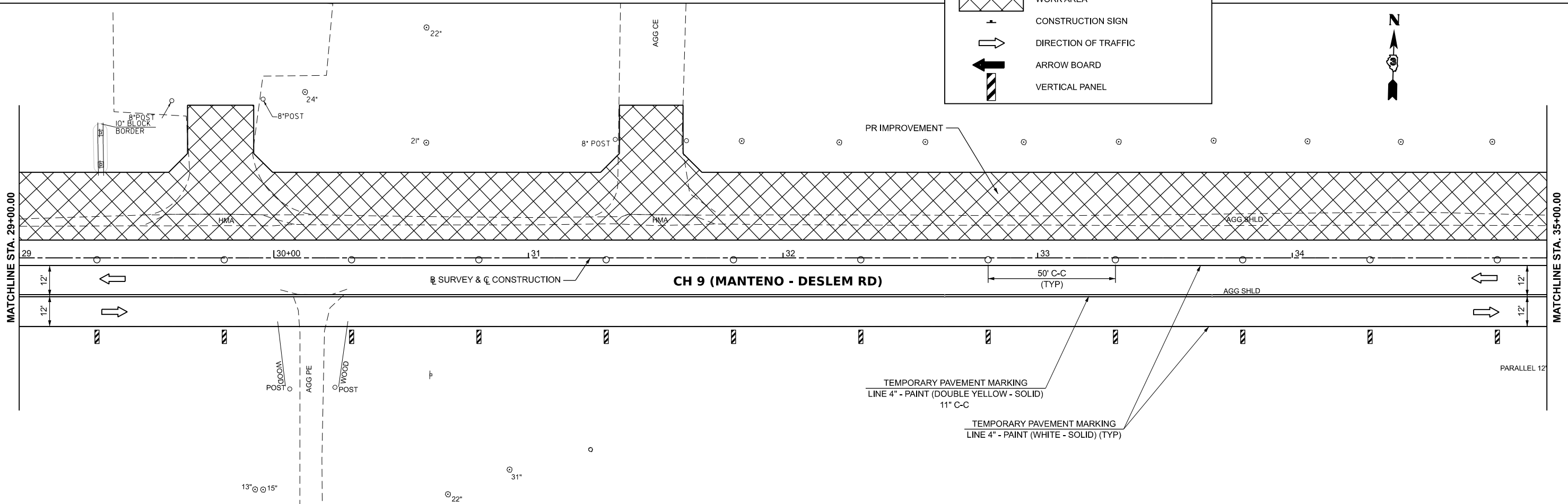
SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 11+00.00 TO STA. 23+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	41
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
-  TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
-  WORK AREA
-  CONSTRUCTION SIGN
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  VERTICAL PANEL



MODEL: \$MODELNAMES  
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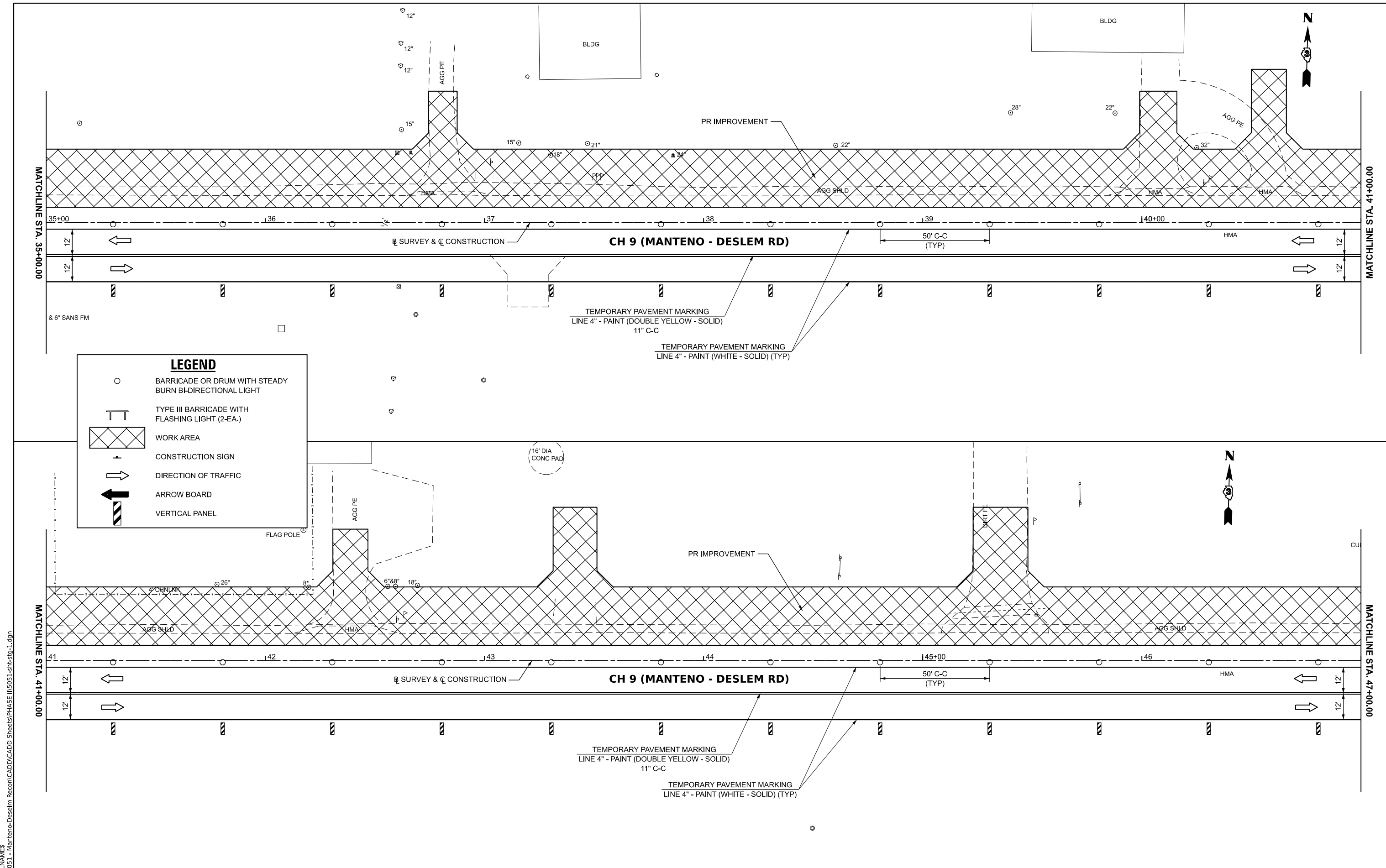
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PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE I CONSTRUCTION PLAN**

SCALE: 1"=20'    SHEET 2 OF 6 SHEETS    STA. 23+00.00 TO STA. 35+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	42
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL

MODEL: \$MODELNAMES  
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USER NAME = BDeCrane  
 PLOT SCALE = 0.16666633 1/In.  
 PLOT DATE = 3/21/2024

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
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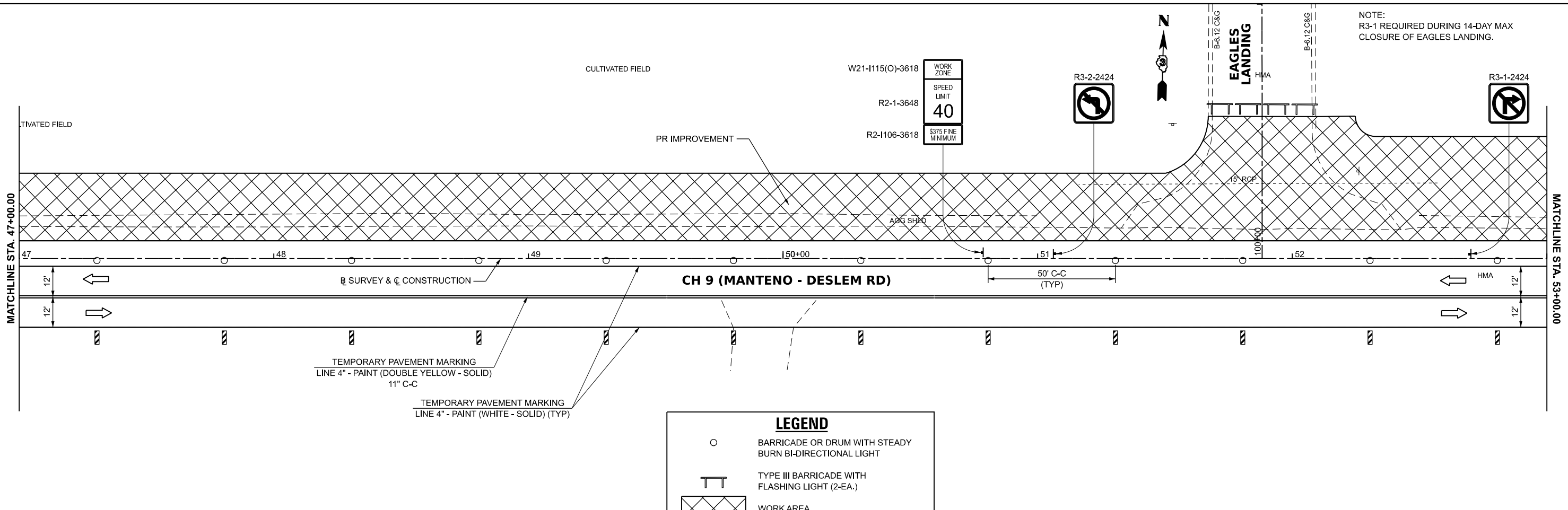
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE I CONSTRUCTION PLAN**

SCALE: 1"=20'  
 SHEET 3 OF 6 SHEETS  
 STA. 35+00.00 TO STA. 47+00.00

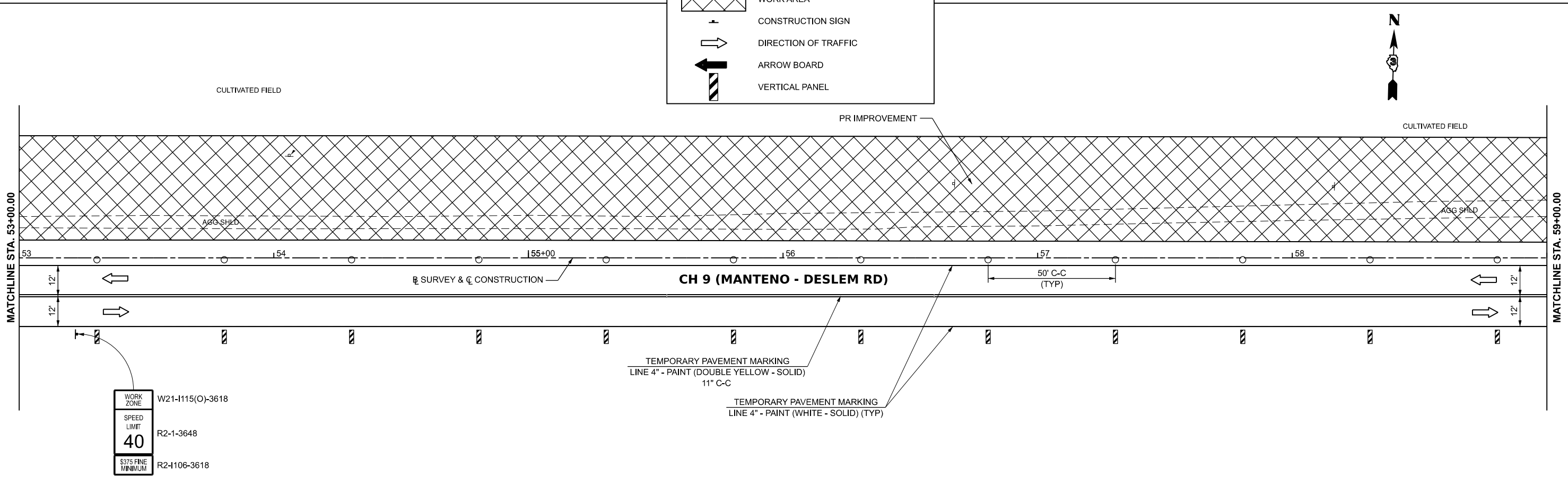
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	43
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

NOTE:  
R3-1 REQUIRED DURING 14-DAY MAX  
CLOSURE OF EAGLES LANDING.



**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



WORK ZONE W21-1115(O)-3618  
SPEED LIMIT 40 R2-1-3648  
3375 FINE MINIMUM R2-1106-3618

MODEL: \\MODEL\NAMES  
FILE NAME: Y:\31051 - Manteno-Deselm Recm\CADD\CADD Sheets\PHASE II\31051-sh1stg-1.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE I CONSTRUCTION PLAN**

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 47+00.00 TO STA. 59+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	44
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

WORK ZONE W21-1115(O)-3618  
 SPEED LIMIT 40 R2-1-3648  
 \$375 FINE MINIMUM R2-1106-3618



WORK ZONE W21-1115(O)-3618  
 SPEED LIMIT 40 R2-1-3648  
 \$375 FINE MINIMUM R2-1106-3618



END CONSTRUCTION G20-2(O)

**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL

MATCHLINE STA. 59+00.00

MATCHLINE STA. 65+00.00

MATCHLINE STA. 65+00.00

MATCHLINE STA. 71+00.00

MODEL: \$MODELNAMES  
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USER NAME = BDeCrane  
 PLOT SCALE = 0.16666633 1/In.  
 PLOT DATE = 3/21/2024

DESIGNED -  
 DRAWN -  
 CHECKED -  
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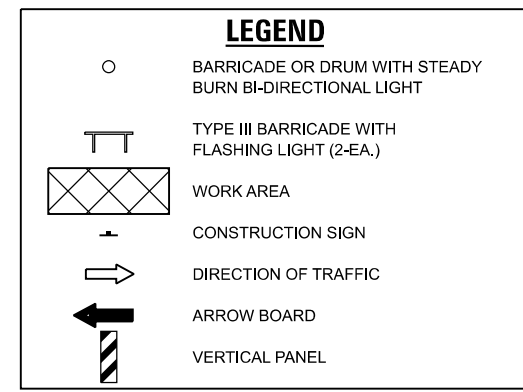
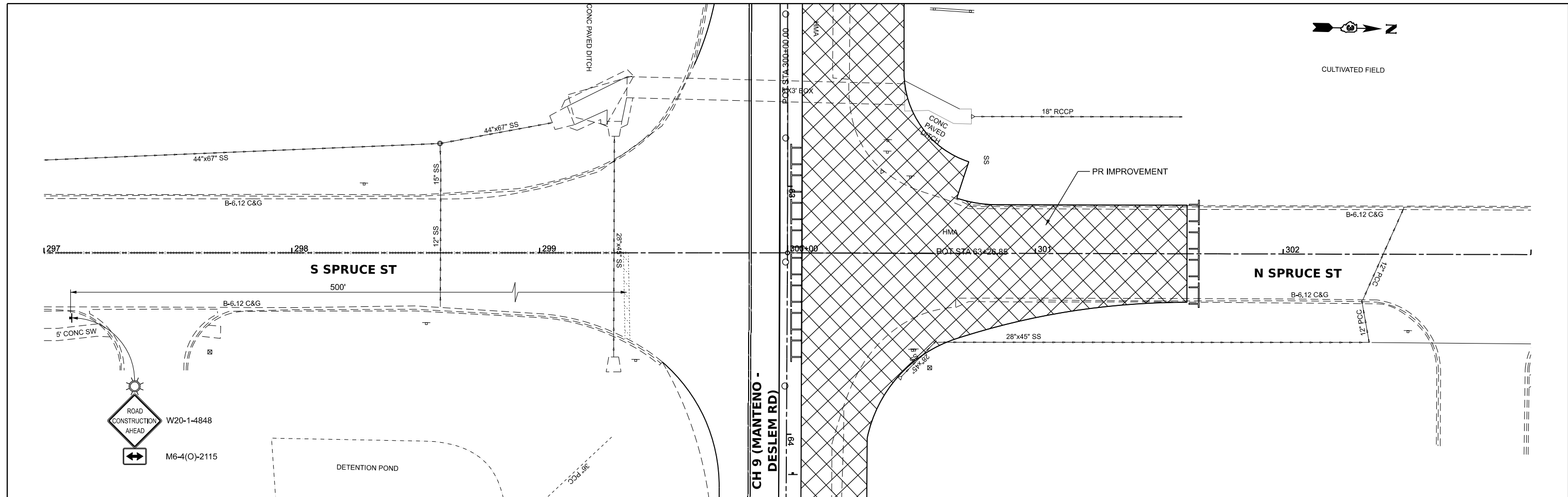
**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 STAGE I CONSTRUCTION PLAN**

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 59+00.00 TO STA. 71+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	45
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

MODEL: \$MODELNAMES  
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	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 3/21/2024	DATE -	REVISED -

**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 STAGE I CONSTRUCTION PLAN**

SCALE: 1"=20'    SHEET 6 OF 6 SHEETS    STA. 297+00.00 TO STA. 303+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	46
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

**STAGE II CONSTRUCTION**

RECONSTRUCT THE PROPOSED PAVEMENT AND APPURTANCES ON THE SOUTH SIDE OF C.H. 9 (MANTENO-DESELM RD.) TO THE CONSTRUCTION LIMIT LINE AS SHOWN IN THE PLANS FROM STA. 15+80.52 TO STA. 65+02.50.

CONSTRUCT STORM SEWER ALONG THE SOUTH SIDE OF C.H.9 (MANTENO-DESELM RD.) AS SHOWN IN THE DRAINAGE PLANS.

**TRAFFIC CONTROL AND PROTECTION**

TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN, SECTION 701 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS.

TWO-WAY TRAFFIC SHALL BE ACCOMMODATED AT ALL TIMES EXCEPT DURING ISOLATED FLAGGER CONTROLLED LANE CLOSURES.

FLAGGER CONTROLLED LANE CLOSURES SHOULD BE PLANNED TO AVOID LANE CLOSURES DURING THE AM AND PM PEAK HOURS.

EXISTING TRAFFIC CONTROL SIGNS AND DEVICES WILL BE REMOVED OR BRACED BY THE CONTRACTOR AFTER THE PROPOSED TRAFFIC CONTROL REQUIREMENTS ARE MET, OR AS AUTHORIZED BY THE ENGINEER. SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR.

THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO ENSURE THAT NO DROP-OFF OF GREATER THAN 12" WITHIN 8' OF THE TRAVEL LANE IS PRESENT DURING NON-WORKING HOURS.

BARRICADES SHALL BE REQUIRED TO DELINEATE THE TRAVEL WAY. BARRICADES WITH WORKING LIGHTS SHALL BE REQUIRED TO DELINEATE THE TRAVEL WAY ALONG TAPERS. THE MAXIMUM SPACING SHALL BE 50 FEET, CENTER TO CENTER ALONG TANGENTS; AND 25 FEET, CENTER TO CENTER ALONG TAPERS AND ALONG CURVES AND RADII TO SIDE ROADS AND ENTRANCES.

THE FOLLOWING TRAFFIC CONTROL STANDARDS ARE THE MINIMUM REQUIREMENTS FOR THE TRAFFIC CONTROL THIS PROJECT: 701001, 701006, 701011, 701201, 701301, 701306, 701326, 701501, 701502, 701901, B.L.R. 17-4, B.L.R. 18-6, AND B.L.R. 22-5.

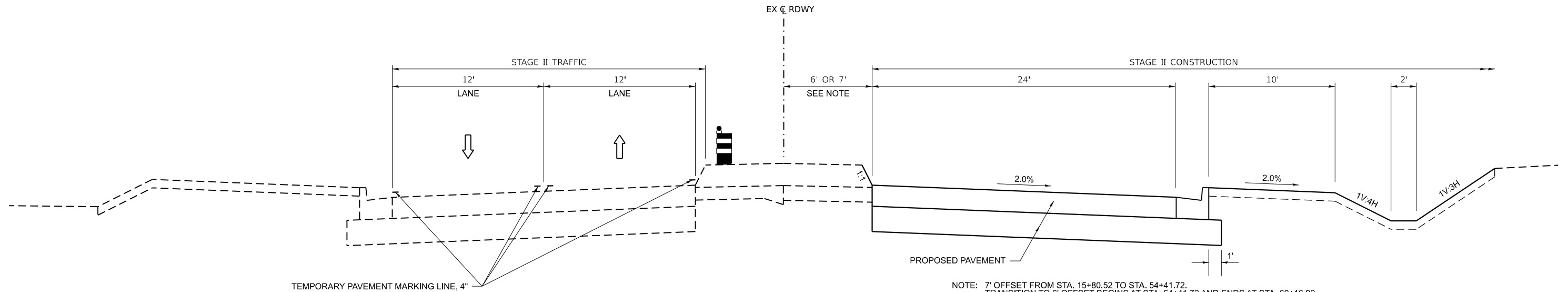
THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL PROPERTIES AND ENTRANCES AT ALL TIMES. THE PAY ITEM TEMPORARY ACCESS (PRIVATE, COMMERCIAL OR FIELD ENTRANCE) HAS BEEN PROVIDED TO AID THE CONTRACTOR IN MAINTAINING THIS ACCESS.

PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS APPROVED BY THE ENGINEER. THE MESSAGES SHOWN SHALL BE PROVIDED BY THE ENGINEER AND SHALL BE IN PLACE 7 DAYS PRIOR TO A STAGE CHANGE. THIS WORK SHALL BE PAID FOR AS "CHANGEABLE MESSAGE SIGN" PER CALENDAR DAY.

DEPICTED TRAFFIC CONTROL IS A MINIMUM REQUIREMENT AND OTHER WORK OR SIGNING MAY BE REQUIRED AS PER THE INSTRUCTION OF THE ENGINEER IN CHARGE. THE COST INCURRED TO COMPLY WILL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)."

**ROAD CLOSURES**

NO ROAD CLOSURES WILL BE ALLOWED IN STAGE II FOR THE RECONSTRUCTION OF THE SPRUCE ST. INTERSECTION.



NOTE: 7' OFFSET FROM STA. 15+80.52 TO STA. 54+41.72.  
TRANSITION TO 6' OFFSET BEGINS AT STA. 54+41.72 AND ENDS AT STA. 60+16.92.  
6' OFFSET FROM STA. 60+16.92 TO STA. 65+02.50.

**STAGE II TYPICAL SECTION  
C.H. 9 (MANTENO-DESELM RD.)**

STA. 15+80.52 TO STA. 65+02.50

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FILE NAME: Y:\31051 - Manteno-Deselm\_Recon\CADD\CADD Sheets\PHASE II\31051-staging-typicals-Phase II.dgn



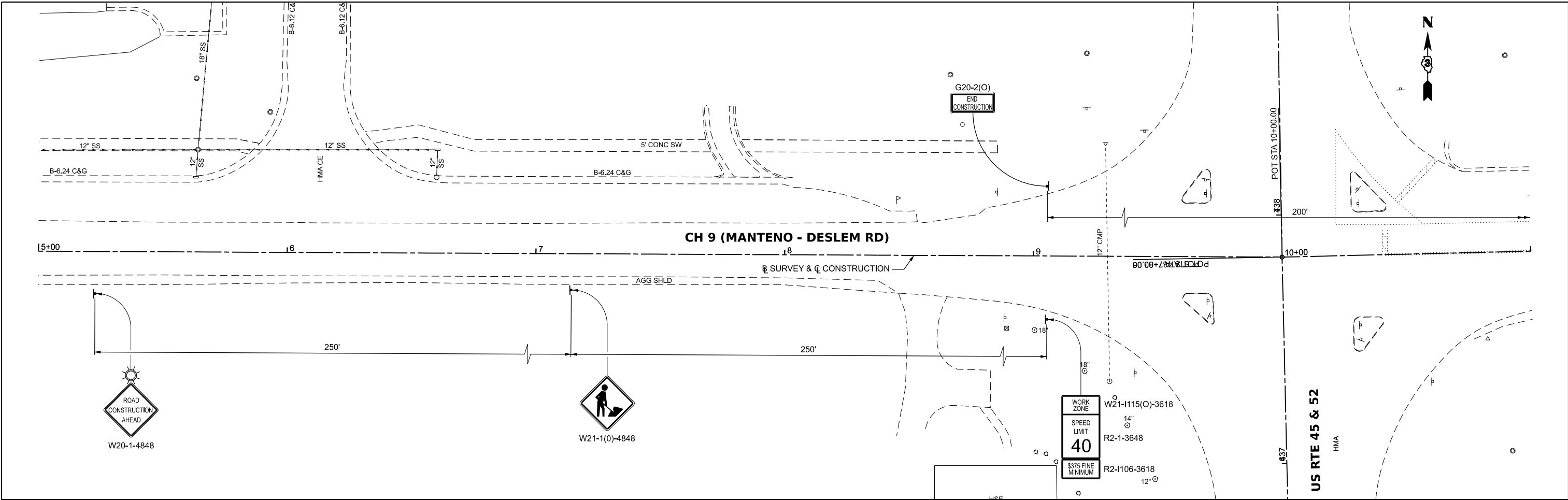
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PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE II TYPICAL SECTION**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	47
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

○	BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
⊥	TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
▣	WORK AREA
+	CONSTRUCTION SIGN
→	DIRECTION OF TRAFFIC
↑	ARROW BOARD
▬	VERTICAL PANEL

MODEL: \\MODEL\NAMES  
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PLOT DATE = 3/21/2024	DATE -	REVISED -

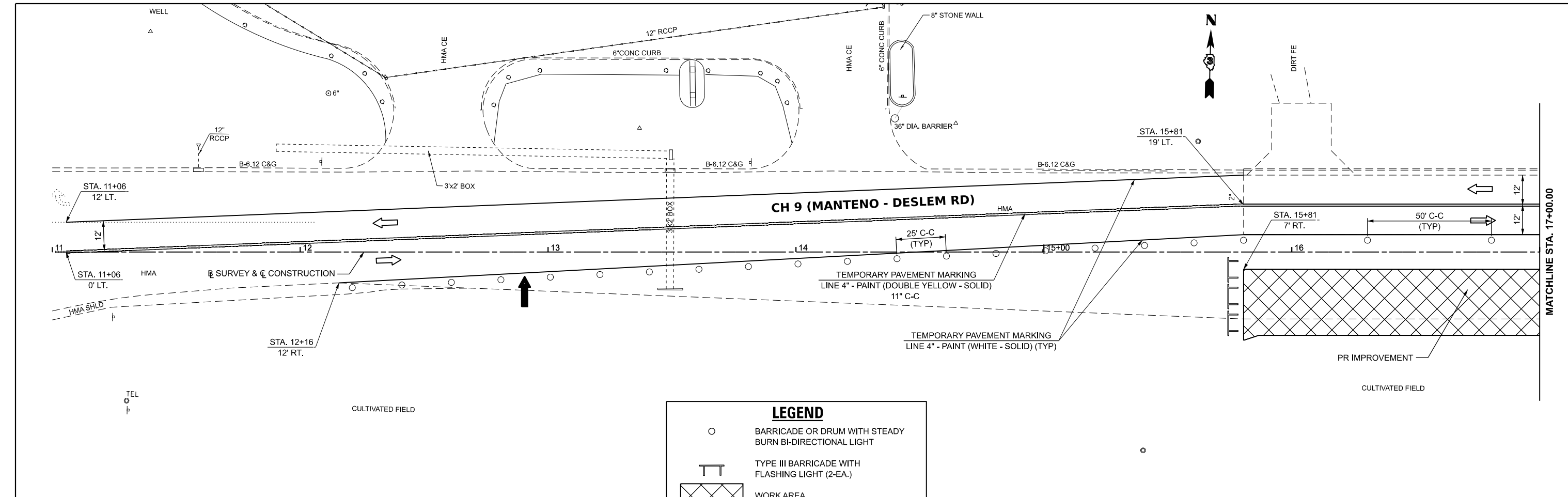
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE II CONSTRUCTION PLAN**

SCALE: 1"=20'      SHEET 1 OF 7 SHEETS      STA. 5+00.00      TO STA. 11+00.00

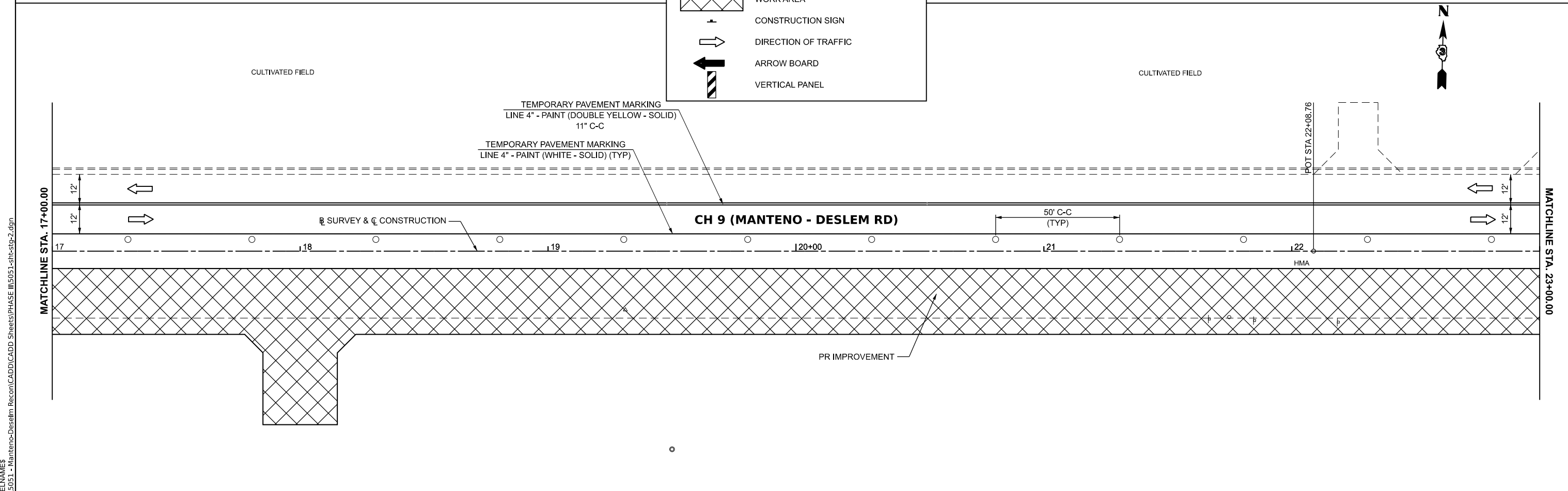
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311	08-00286-00-FP	KANKAKEE	173	48
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				





**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



MODEL: \$MODELNAMES  
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USER NAME = BDeCrane	DESIGNED -	REVISED -
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PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE II CONSTRUCTION PLAN**

SCALE: 1"=20'    SHEET 2 OF 7 SHEETS    STA. 11+00.00 TO STA. 23+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	49
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



CULTIVATED FIELD

TEMPORARY PAVEMENT MARKING  
LINE 4" - PAINT (DOUBLE YELLOW - SOLID)  
11" C-C

TEMPORARY PAVEMENT MARKING  
LINE 4" - PAINT (WHITE - SOLID) (TYP)

SURVEY & C CONSTRUCTION

CH 9 (MANTENO - DESLEM RD)

50' C-C  
(TYP)

AGG SHLD

HMA

AGG SHLD








DIRT

PR IMPROVEMENT

15" SANS

CULTIVATED FIELD

**LEGEND**

-  BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
-  TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
-  WORK AREA
-  CONSTRUCTION SIGN
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  VERTICAL PANEL



TEMPORARY PAVEMENT MARKING  
LINE 4" - PAINT (DOUBLE YELLOW - SOLID)  
11" C-C

TEMPORARY PAVEMENT MARKING  
LINE 4" - PAINT (WHITE - SOLID) (TYP)

SURVEY & C CONSTRUCTION

CH 9 (MANTENO - DESLEM RD)

50' C-C  
(TYP)

AGG SHLD

PR IMPROVEMENT

PARALLEL 12

WOOD POST

13" @ 15"

22"

31"

MODEL: \$MODELNAMES  
FILE NAME: Y:\31051 - Manteno-Deslem - Recm\CADD\CADD Sheets\PHASE II\31051-1-sh1stg-2.dgn



USER NAME = BDeCrane  
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 PLOT DATE = 3/21/2024

DESIGNED -  
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 CHECKED -  
 DATE -

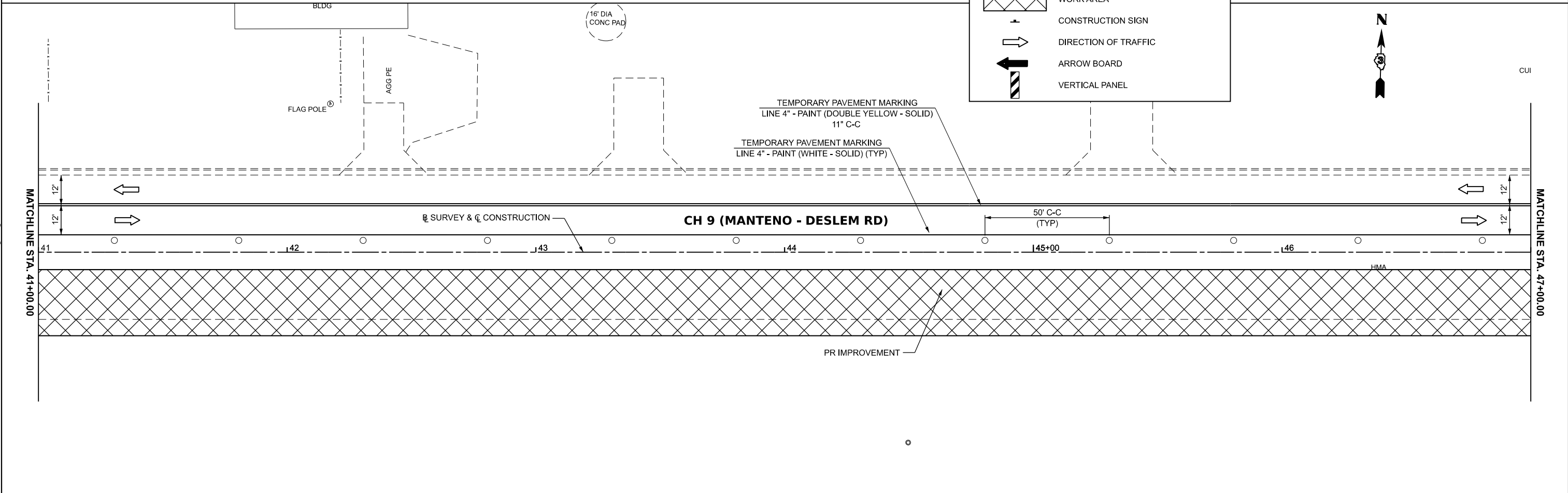
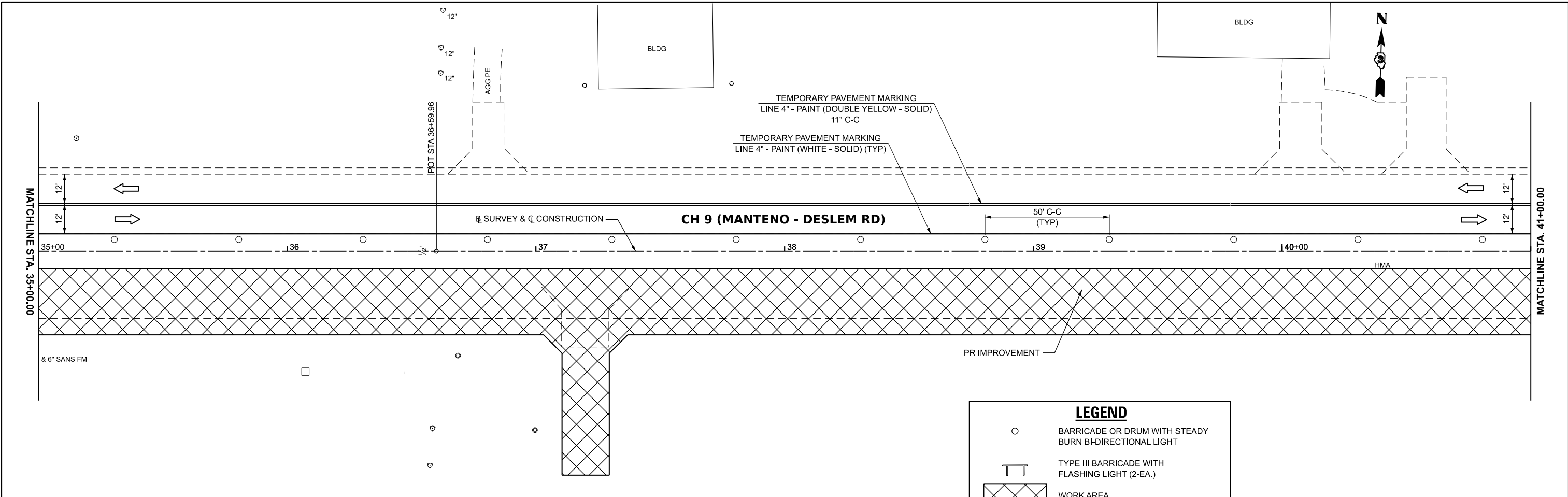
REVISED -  
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**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE II CONSTRUCTION PLAN**

SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 23+00.00 TO STA. 35+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	50
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL

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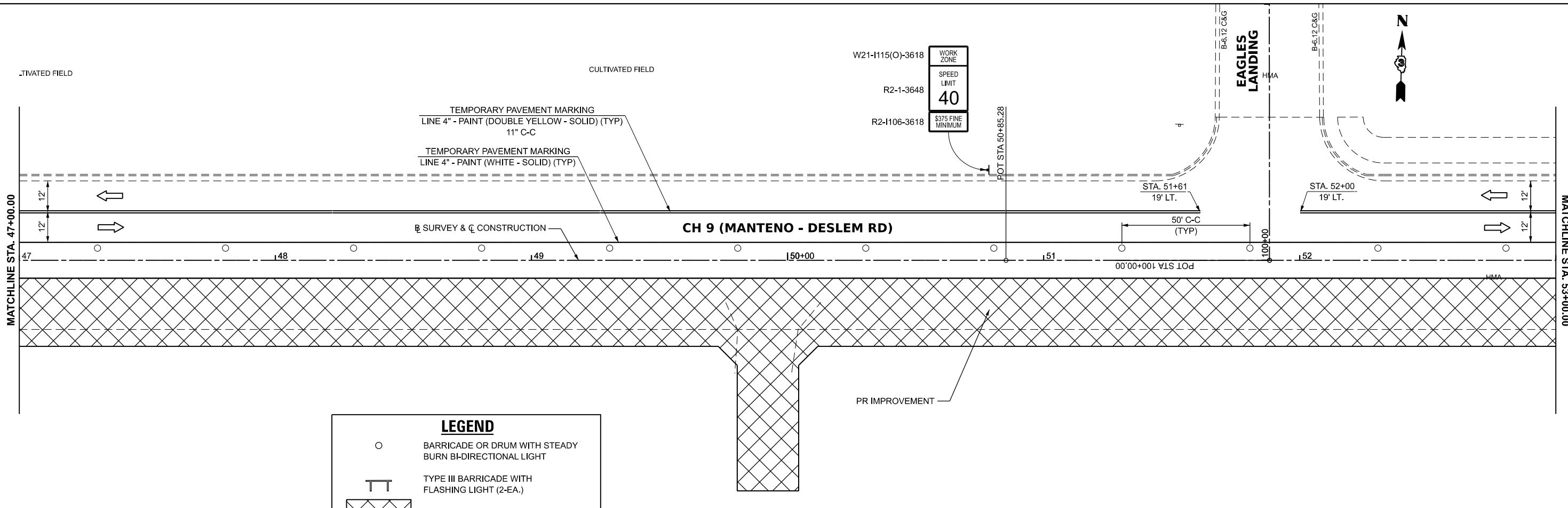
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PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE II CONSTRUCTION PLAN**

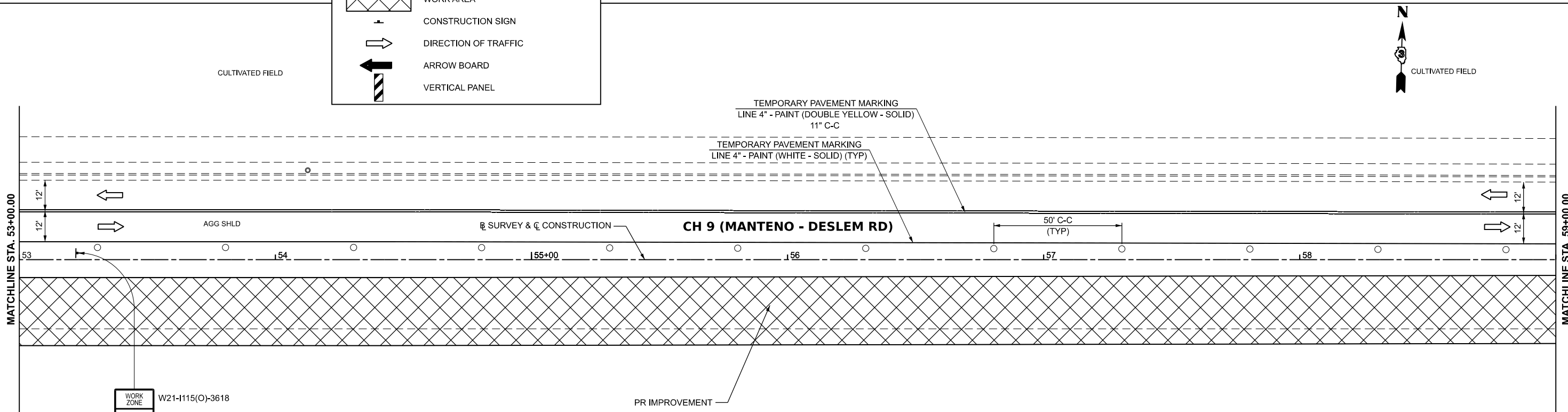
SCALE: 1"=20'    SHEET 4 OF 7 SHEETS    STA. 35+00.00 TO STA. 47+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	51
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



WORK ZONE W21-1115(O)-3618  
 SPEED LIMIT 40 R2-1-3648  
 S375 FINE MINIMUM R2-1106-3618

MODEL: \\MODEL\NAMES  
 FILE NAME: Y:\3051 - Manteno-Deselm\_Recon\CADD\CADD Sheets\PHASE II\3051-shb-stg-2.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 STAGE II CONSTRUCTION PLAN**

SCALE: 1"=20' SHEET 5 OF 7 SHEETS STA. 47+00.00 TO STA. 59+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	52
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

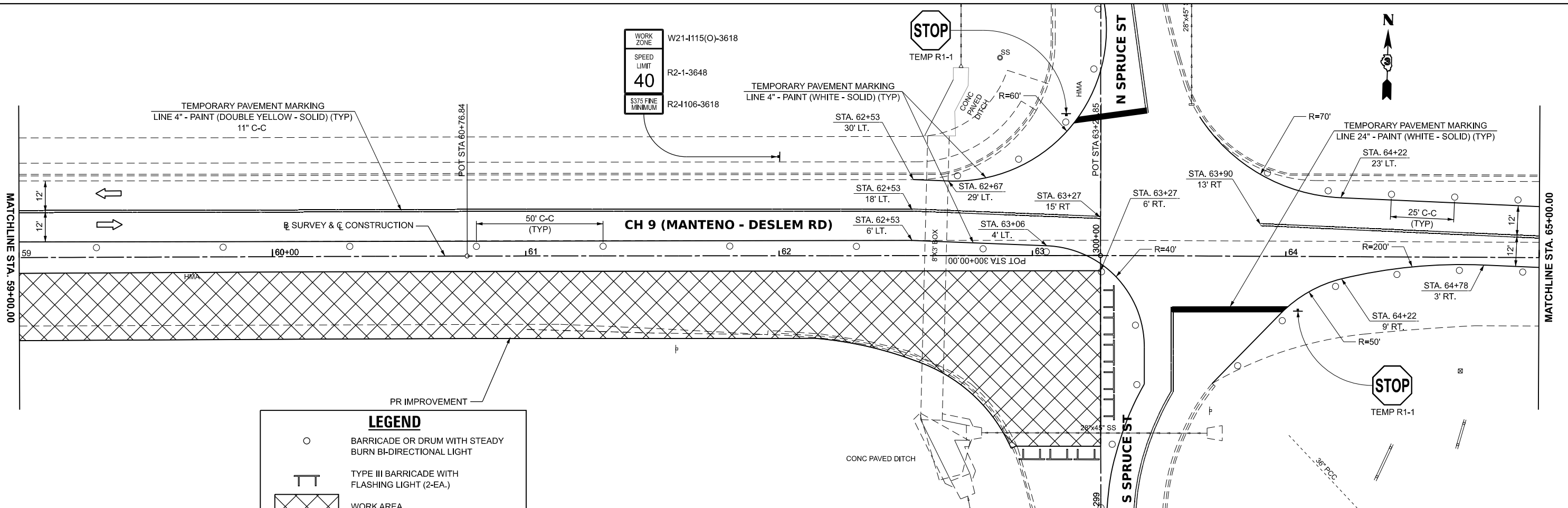
WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
40	
\$375 FINE MINIMUM	R2-1106-3618



TEMP R1-1

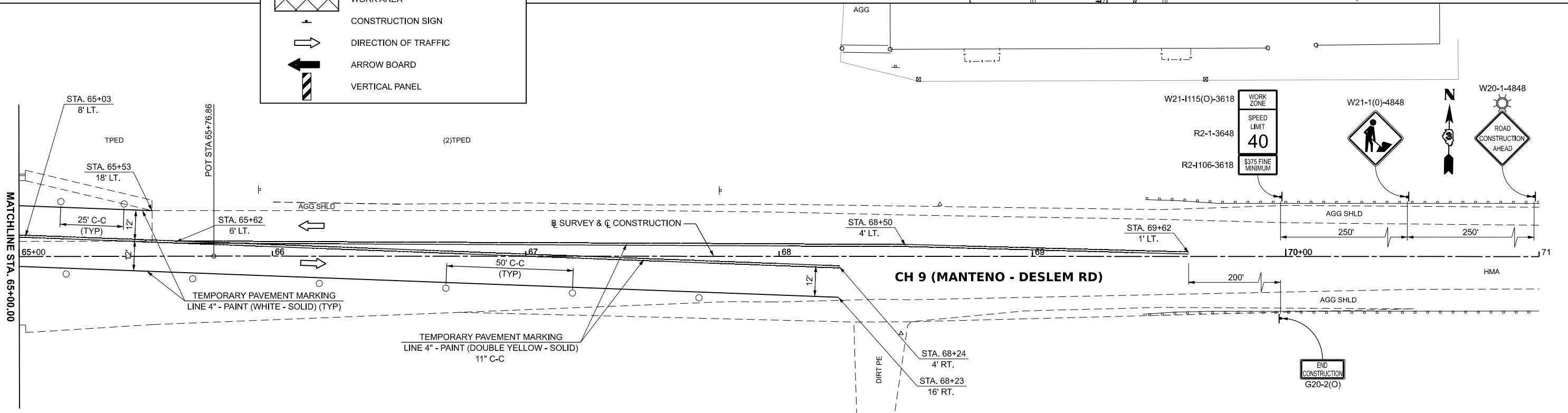


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**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



W21-1115(O)-3618	WORK ZONE	W21-1(0)-4848	W20-1-4848
R2-1-3648	SPEED LIMIT		
R2-1106-3618	40		
	\$375 FINE MINIMUM		

MODEL: \\MODEL\NAMES  
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USER NAME = BDeCrane  
PLOT SCALE = 0.16666633 1/In.  
PLOT DATE = 3/21/2024

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

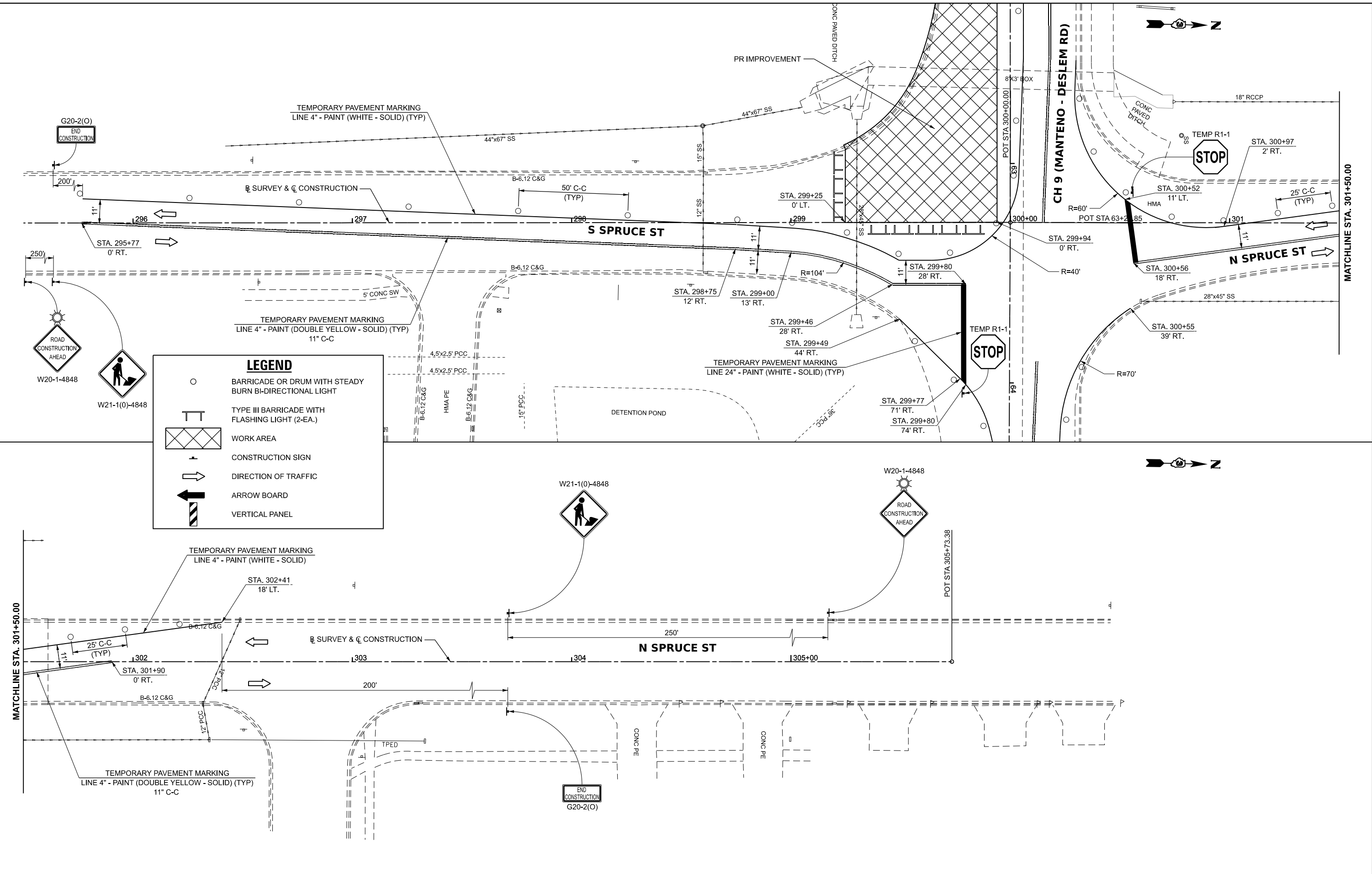
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE II CONSTRUCTION PLAN**

SCALE: 1"=20' SHEET 6 OF 7 SHEETS STA. 59+00.00 TO STA. 71+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	53
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

MODEL: S:\MODEL\NAMES  
FILE NAME: Y:\S051 - Manteno-Deselm Recm\CADD\CADD Sheets\PHASE II\S051-1-sh2-stg-2.dgn



LEGEND	
	BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
	TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
	WORK AREA
	CONSTRUCTION SIGN
	DIRECTION OF TRAFFIC
	ARROW BOARD
	VERTICAL PANEL

MATCHLINE STA. 301+50.00

MATCHLINE STA. 301+50.00



USER NAME = BDeCrane  
PLOT SCALE = 0.16666633 1/In.  
PLOT DATE = 3/21/2024

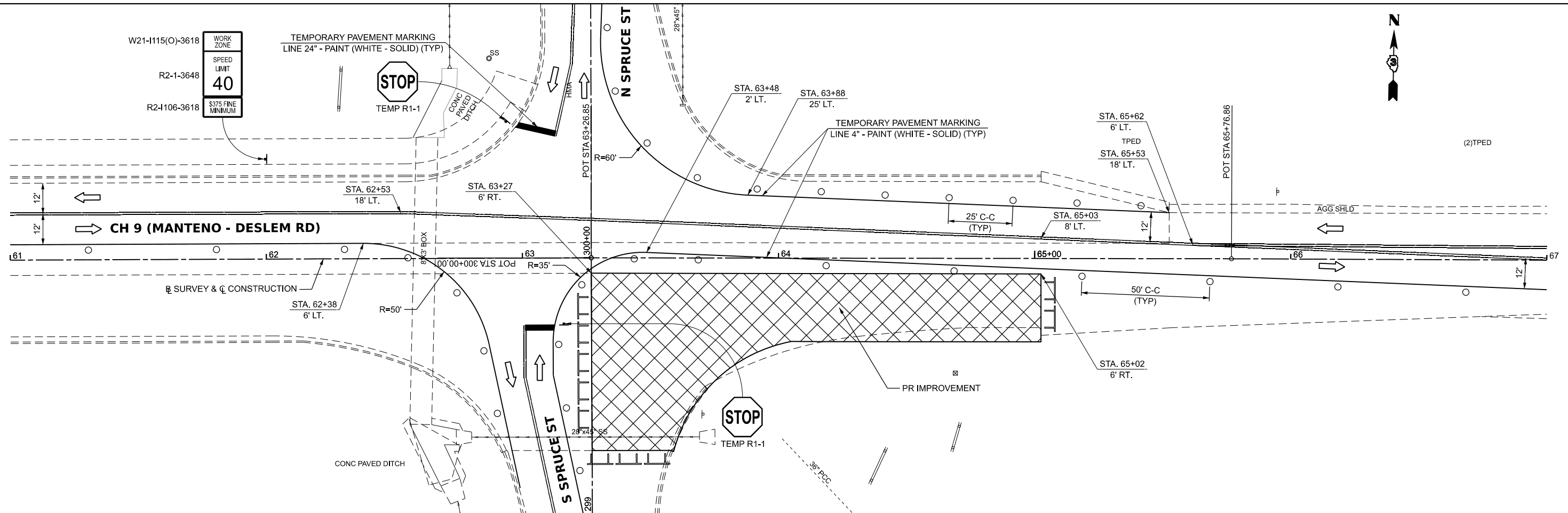
DESIGNED -	REvised -
DRAWN -	REvised -
CHECKED -	REvised -
DATE -	REvised -

KANKAKEE COUNTY  
HIGHWAY DEPARTMENT








CH 9 (MANTENO - DESELM RD)  
STAGE II CONSTRUCTION PLAN

SCALE: 1"=20' SHEET 7 OF 7 SHEETS STA. 295+50.00 TO STA. 307+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	54
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
-  TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
-  WORK AREA
-  CONSTRUCTION SIGN
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  VERTICAL PANEL

MODEL: \$MODELNAMES  
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USER NAME = BDeCrane	DESIGNED -	REVISED -	
DRAWN -	REVISOR -		
PLOT SCALE = 0.16666633' / In.	CHECKED -	REVISED -	
PLOT DATE = 3/21/2024	DATE -	REVISED -	

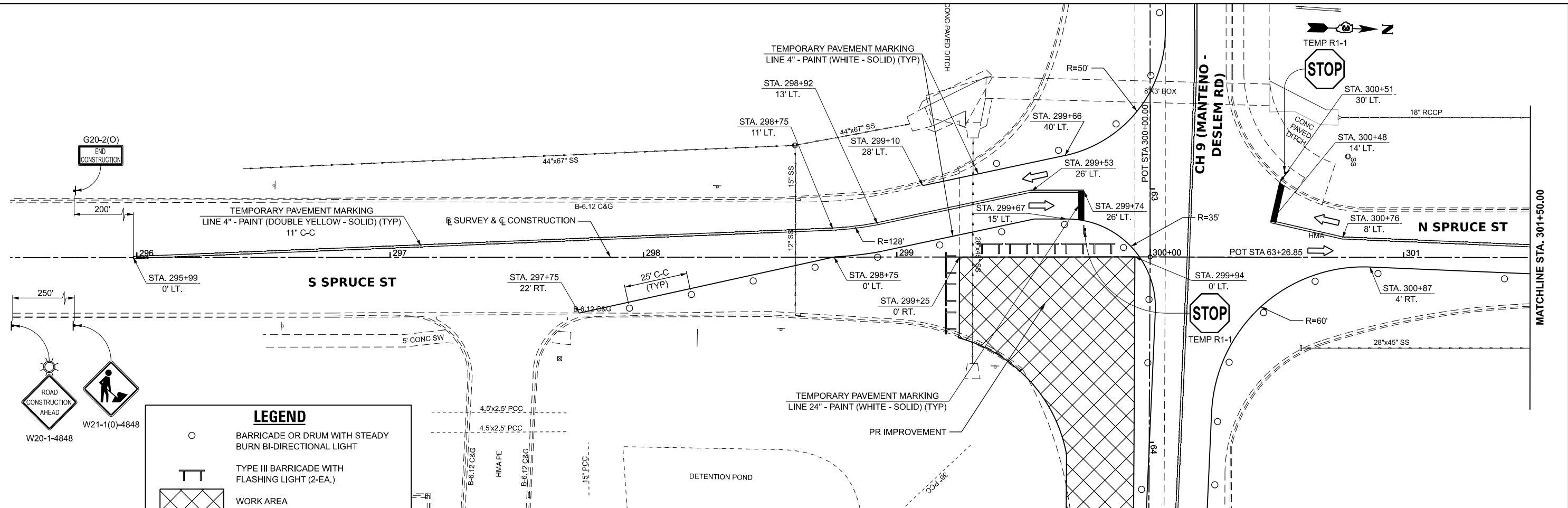
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE IIA CONSTRUCTION PLAN**

SCALE: 1"=20'      SHEET 1 OF 2 SHEETS      STA. 61+00.00 TO STA. 67+00.00

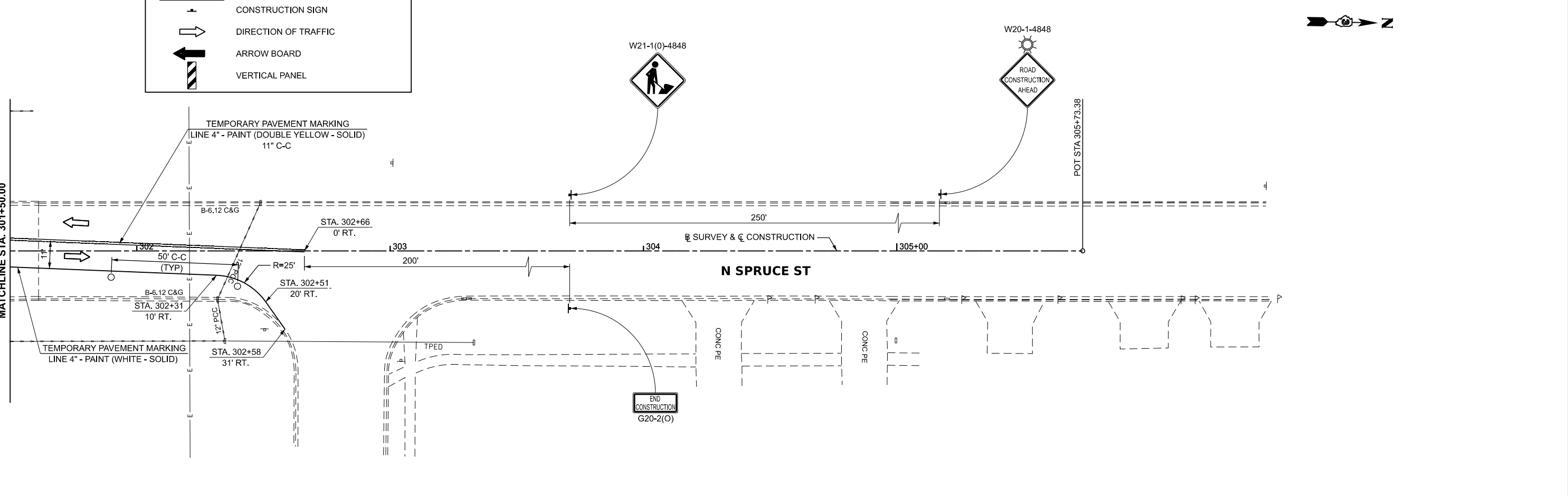
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	55
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

MODEL: \\MODEL\NAMES  
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**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



USER NAME = BDeCrane  
PLOT SCALE = 0.16666633' / in.  
PLOT DATE = 3/21/2024

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE IIA CONSTRUCTION PLAN**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 295+50.00 TO STA. 307+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	56
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**STAGE II CONSTRUCTION**

RECONSTRUCT THE REMAINING PROPOSED PAVEMENT OF C.H. 9 (MANTENO-DESELM RD.) AS SHOWN IN THE PLANS FROM STA. 15+80.52 TO STA. 65+02.50.

**TRAFFIC CONTROL AND PROTECTION**

TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN, SECTION 701 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS.

TWO-WAY TRAFFIC SHALL BE ACCOMMODATED AT ALL TIMES EXCEPT DURING ISOLATED FLAGGER CONTROLLED LANE CLOSURES.

FLAGGER CONTROLLED LANE CLOSURES SHOULD BE PLANNED TO AVOID LANE CLOSURES DURING THE AM AND PM PEAK HOURS.

EXISTING TRAFFIC CONTROL SIGNS AND DEVICES WILL BE REMOVED OR BRACED BY THE CONTRACTOR AFTER THE PROPOSED TRAFFIC CONTROL REQUIREMENTS ARE MET, OR AS AUTHORIZED BY THE ENGINEER. SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR.

THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO ENSURE THAT NO DROP-OFF OF GREATER THAN 12" WITHIN 8' OF THE TRAVEL LANE IS PRESENT DURING NON-WORKING HOURS.

BARRICADES SHALL BE REQUIRED TO DELINEATE THE TRAVEL WAY. BARRICADES WITH WORKING LIGHTS SHALL BE REQUIRED TO DELINEATE THE TRAVEL WAY ALONG TAPERS. THE MAXIMUM SPACING SHALL BE 50 FEET, CENTER TO CENTER ALONG TANGENTS; AND 25 FEET, CENTER TO CENTER ALONG TAPERS AND ALONG CURVES AND RADII TO SIDE ROADS AND ENTRANCES.

THE FOLLOWING TRAFFIC CONTROL STANDARDS ARE THE MINIMUM REQUIREMENTS FOR THE TRAFFIC CONTROL THIS PROJECT: 701001, 701006, 701011, 701201, 701301, 701306, 701326, 701501, 701502, 701901, B.L.R. 17-4, B.L.R. 18-6, AND B.L.R. 22-5.

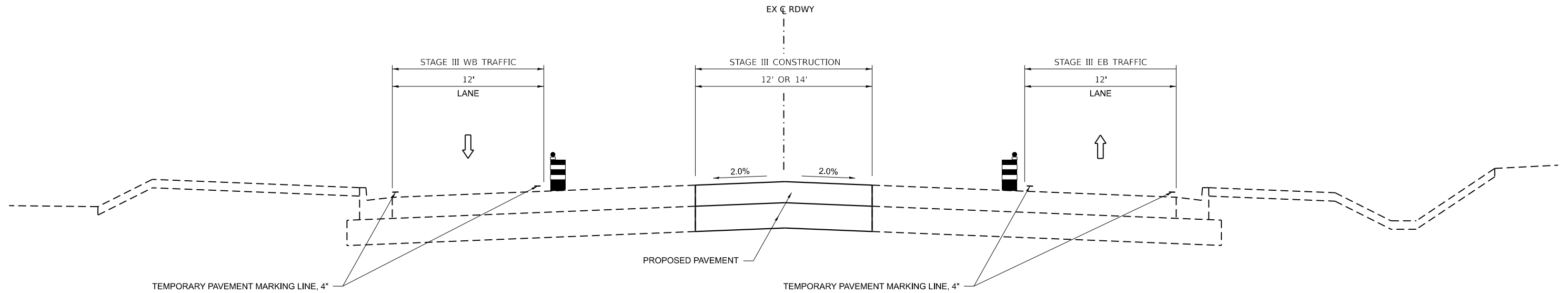
THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL PROPERTIES AND ENTRANCES AT ALL TIMES. THE PAY ITEM TEMPORARY ACCESS (PRIVATE, COMMERCIAL OR FIELD ENTRANCE) HAS BEEN PROVIDED TO AID THE CONTRACTOR IN MAINTAINING THIS ACCESS.

PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS APPROVED BY THE ENGINEER. THE MESSAGES SHOWN SHALL BE PROVIDED BY THE ENGINEER AND SHALL BE IN PLACE 7 DAYS PRIOR TO A STAGE CHANGE. THIS WORK SHALL BE PAID FOR AS "CHANGEABLE MESSAGE SIGN" PER CALENDAR DAY.

DEPICTED TRAFFIC CONTROL IS A MINIMUM REQUIREMENT AND OTHER WORK OR SIGNING MAY BE REQUIRED AS PER THE INSTRUCTION OF THE ENGINEER IN CHARGE. THE COST INCURRED TO COMPLY WILL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)."

**ROAD CLOSURES**

NO ROAD CLOSURES WILL BE ALLOWED IN STAGE III FOR THE RECONSTRUCTION OF THE SPRUCE ST. INTERSECTION.



**STAGE III TYPICAL SECTION**  
**C.H. 9 (MANTENO-DESELM RD.)**  
 STA. 15+80.52 TO STA. 65+02.50

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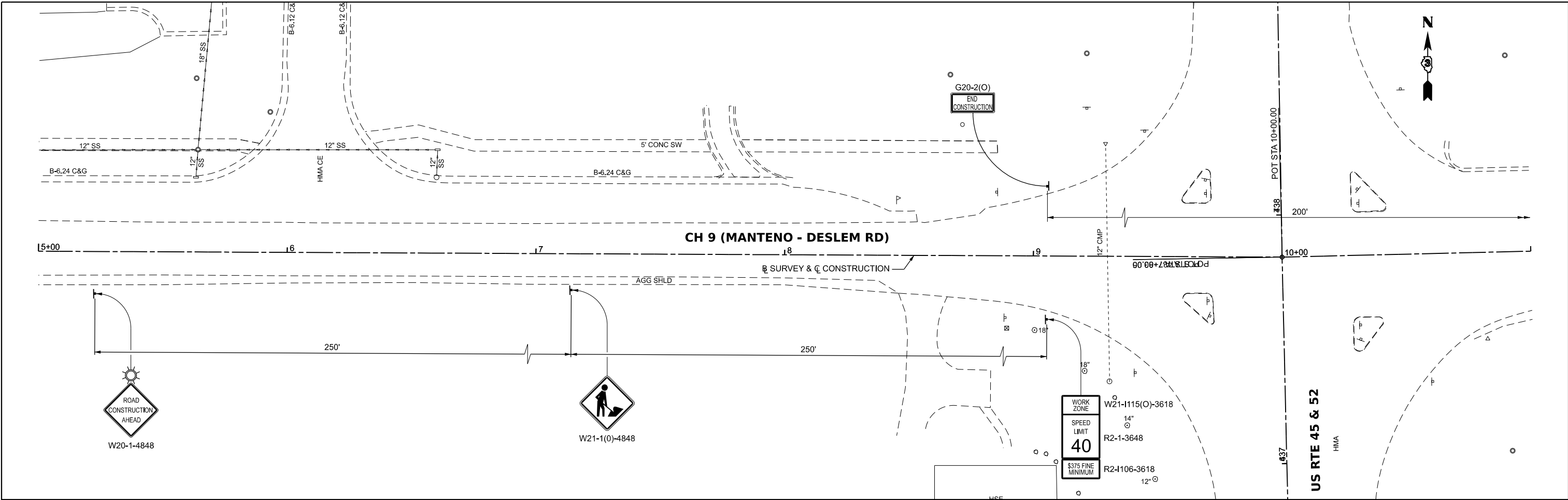
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PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 STAGE III TYPICAL SECTION**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	57
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

○	BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
	TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
	WORK AREA
	CONSTRUCTION SIGN
	DIRECTION OF TRAFFIC
	ARROW BOARD
	VERTICAL PANEL

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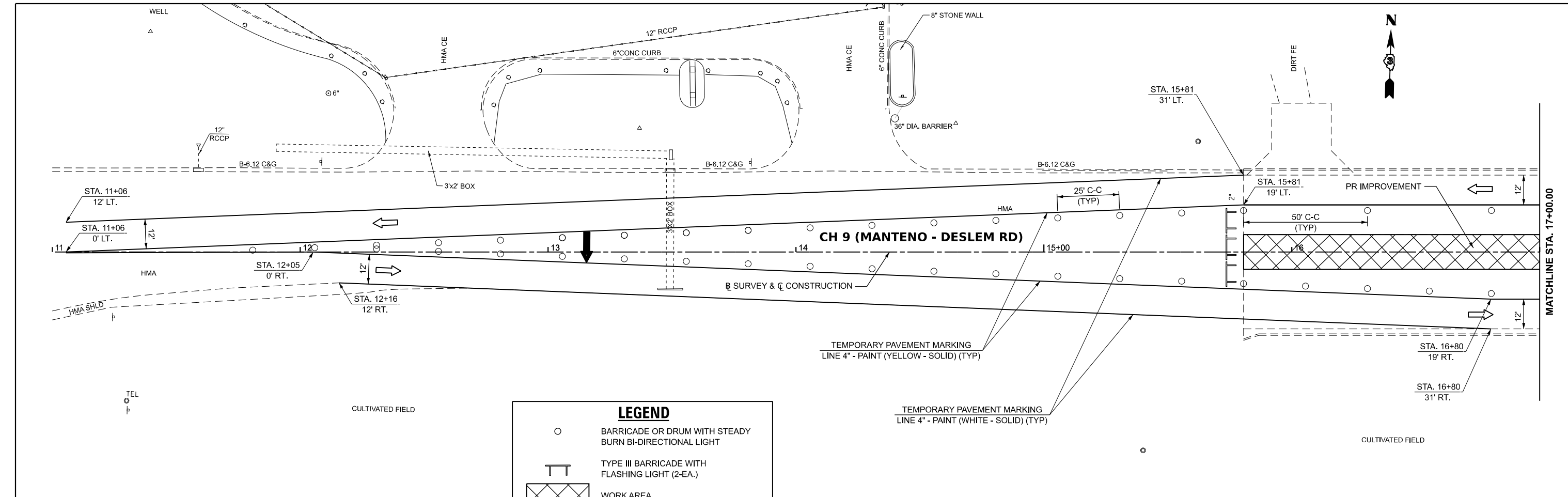
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	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / In.	CHECKED -	REVISED -
PLOT DATE = 3/21/2024	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE III CONSTRUCTION PLAN**

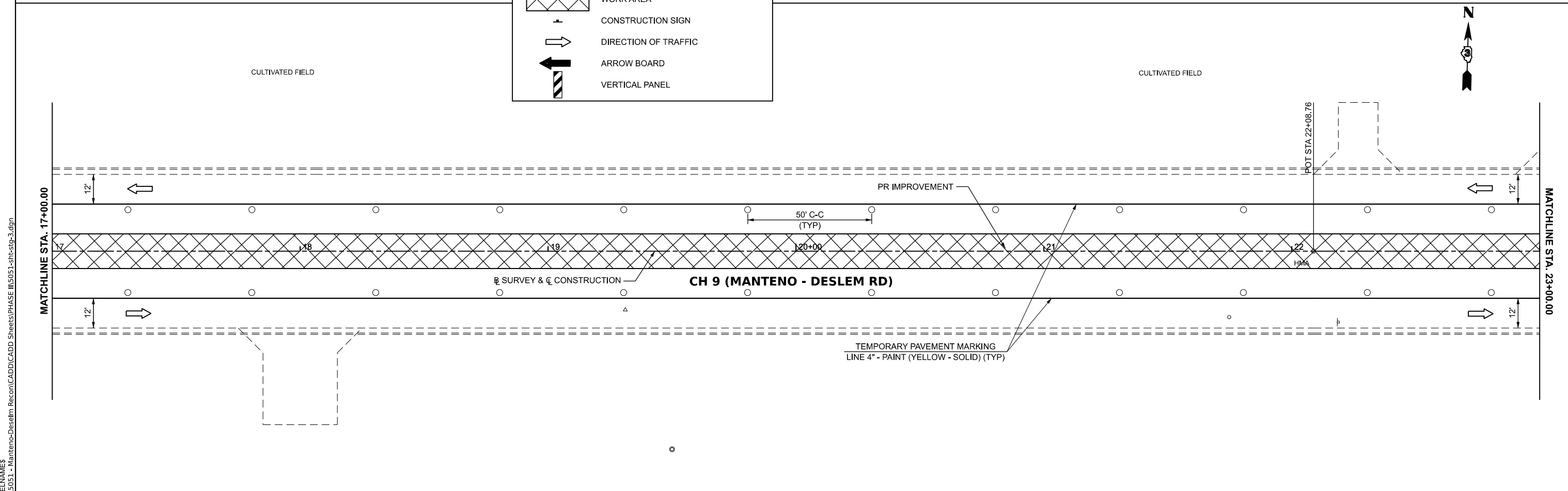
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	58
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



MODEL: \\MODEL\NAMES  
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USER NAME = BDeCrane  
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 PLOT DATE = 3/21/2024

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE III CONSTRUCTION PLAN**

SCALE: 1"=20'  
 SHEET 2 OF 7 SHEETS  
 STA. 11+00.00 TO STA. 23+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	59
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



CULTIVATED FIELD








PR IMPROVEMENT

50' C-C (TYP)

### CH 9 (MANTENO - DESLEM RD)

TEMPORARY PAVEMENT MARKING  
LINE 4" - PAINT (YELLOW - SOLID) (TYP)

**LEGEND**

-  BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
-  TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
-  WORK AREA
-  CONSTRUCTION SIGN
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  VERTICAL PANEL

CULTIVATED FIELD



PR IMPROVEMENT

50' C-C (TYP)

### CH 9 (MANTENO - DESLEM RD)

TEMPORARY PAVEMENT MARKING  
LINE 4" - PAINT (YELLOW - SOLID) (TYP)

PARALLEL 12'

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 PLOT DATE = 3/21/2024

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

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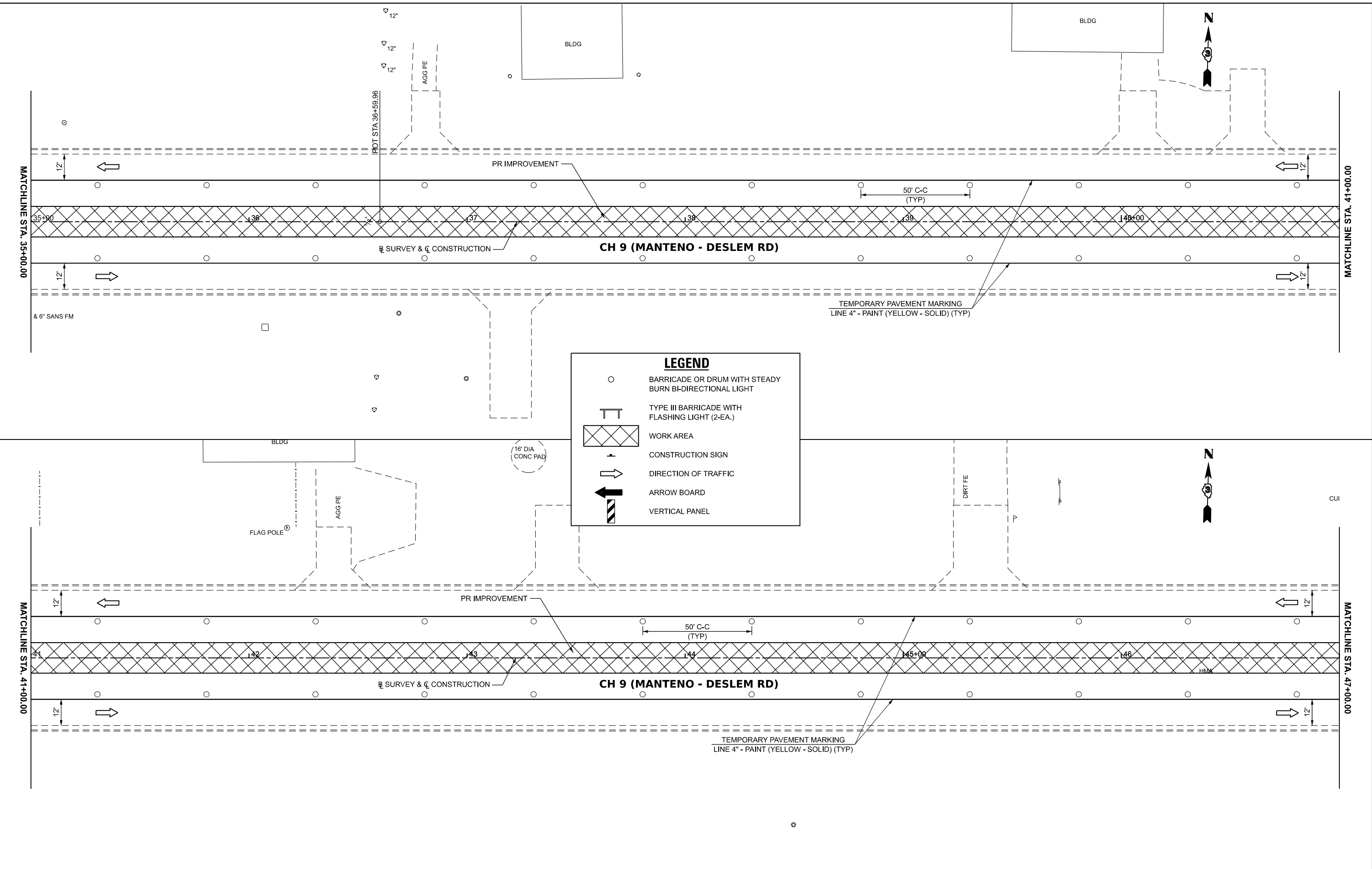
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

### CH 9 (MANTENO - DESELM RD) STAGE III CONSTRUCTION PLAN

SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 23+00.00 TO STA. 35+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	60
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



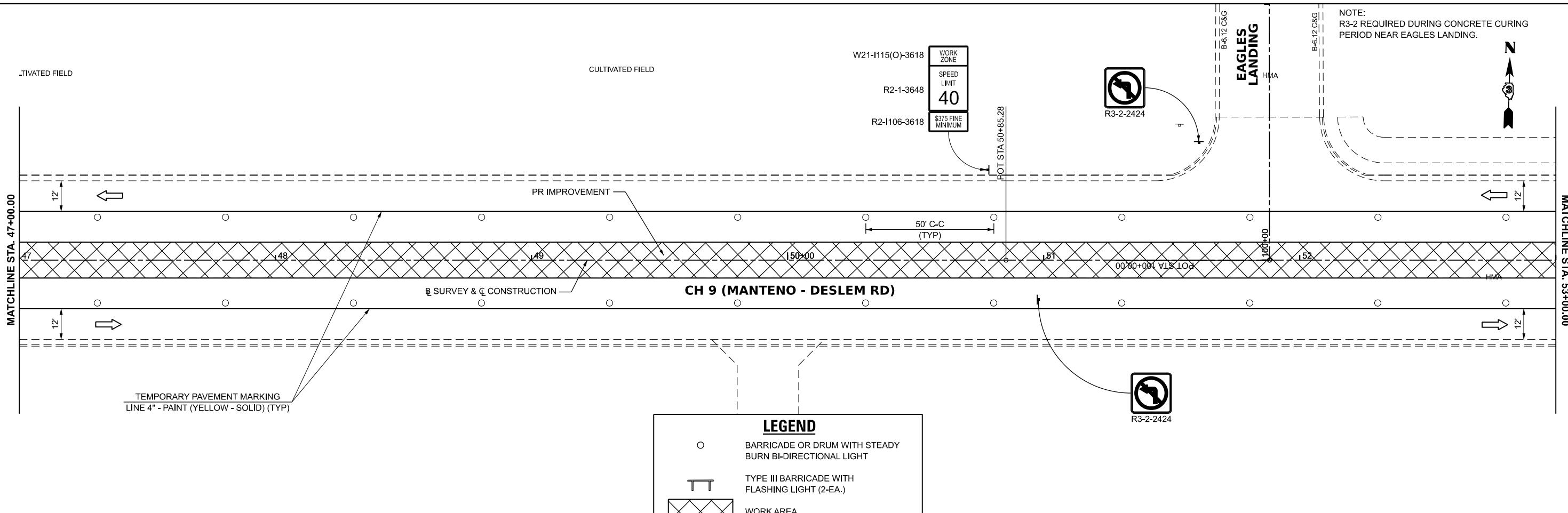
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PLOT SCALE = 0.16666633' / In.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 STAGE III CONSTRUCTION PLAN**

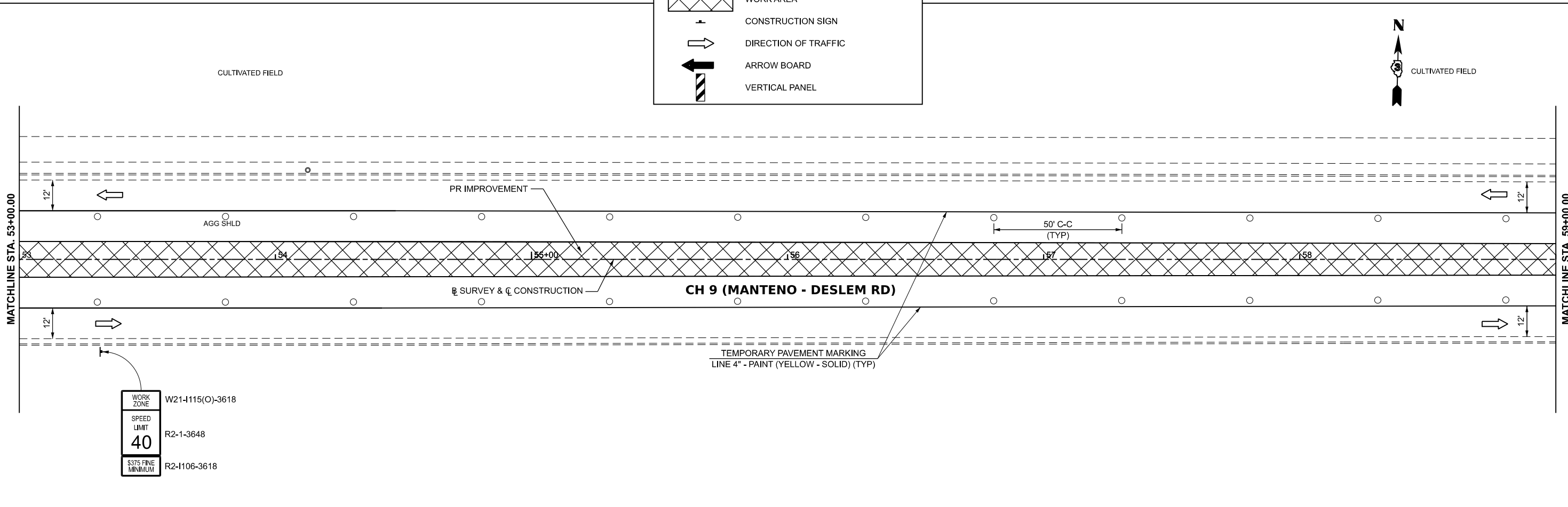
SCALE: 1"=20'    SHEET 4 OF 7 SHEETS    STA. 35+00.00 TO STA. 47+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	61
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



WORK ZONE W21-1115(O)-3618  
 SPEED LIMIT 40 R2-1-3648  
 375 FINE MINIMUM R2-1-106-3618

MODEL: \\MODEL\NAMES  
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USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

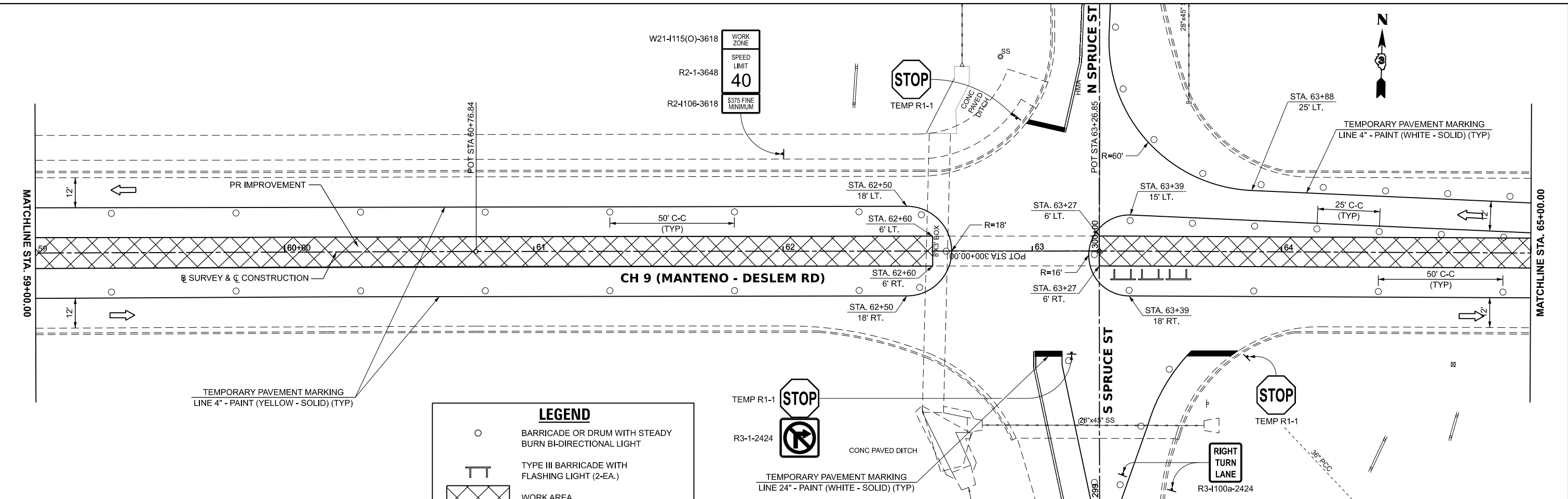
**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 STAGE III CONSTRUCTION PLAN**

SCALE: 1"=20' SHEET 5 OF 7 SHEETS STA. 47+00.00 TO STA. 59+00.00

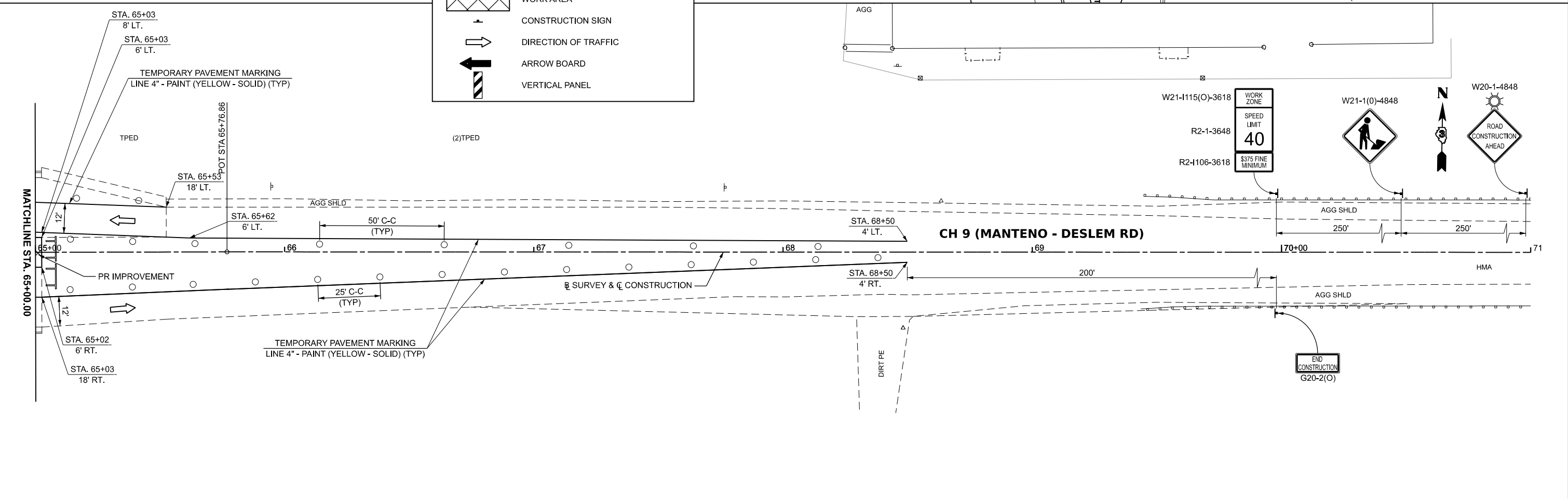
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	62
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

MODEL: \$MODELNAMES  
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**LEGEND**

- BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD
- VERTICAL PANEL



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

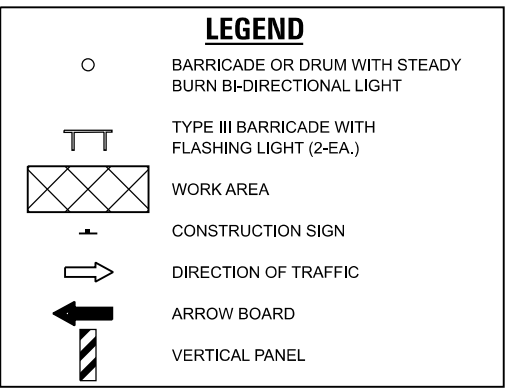
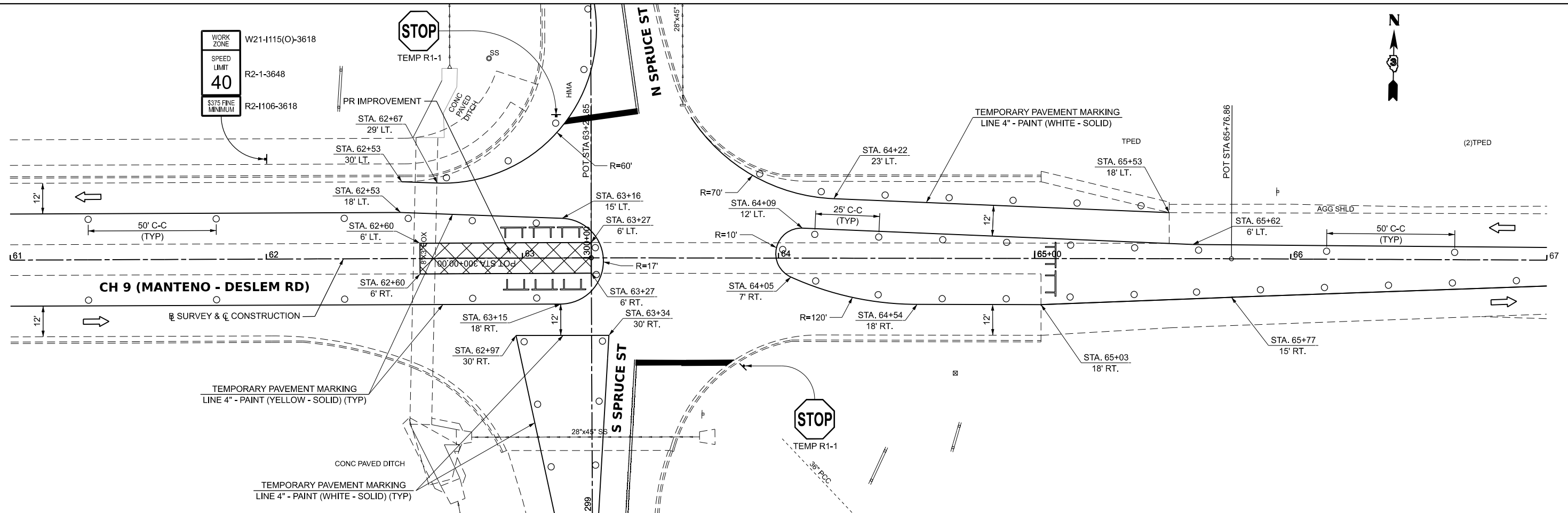
**CH 9 (MANTENO - DESELM RD)  
 STAGE III CONSTRUCTION PLAN**

SCALE: 1"=20' SHEET 6 OF 7 SHEETS STA. 59+00.00 TO STA. 71+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	63
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				







MODEL: \\MODEL\NAMES  
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USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
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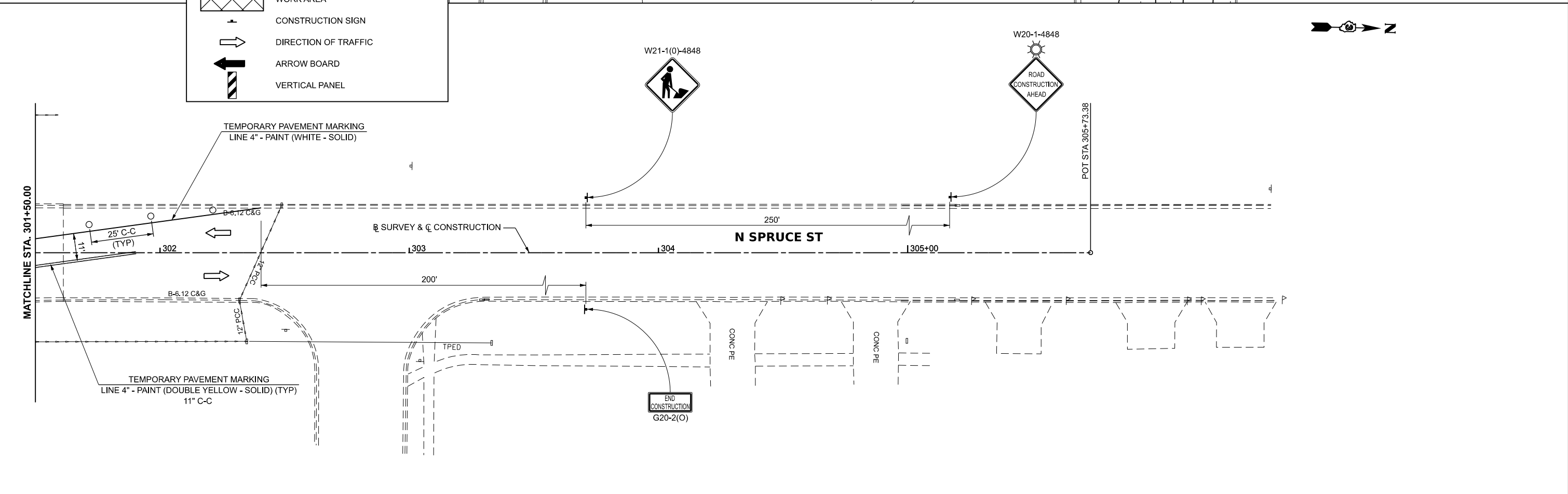
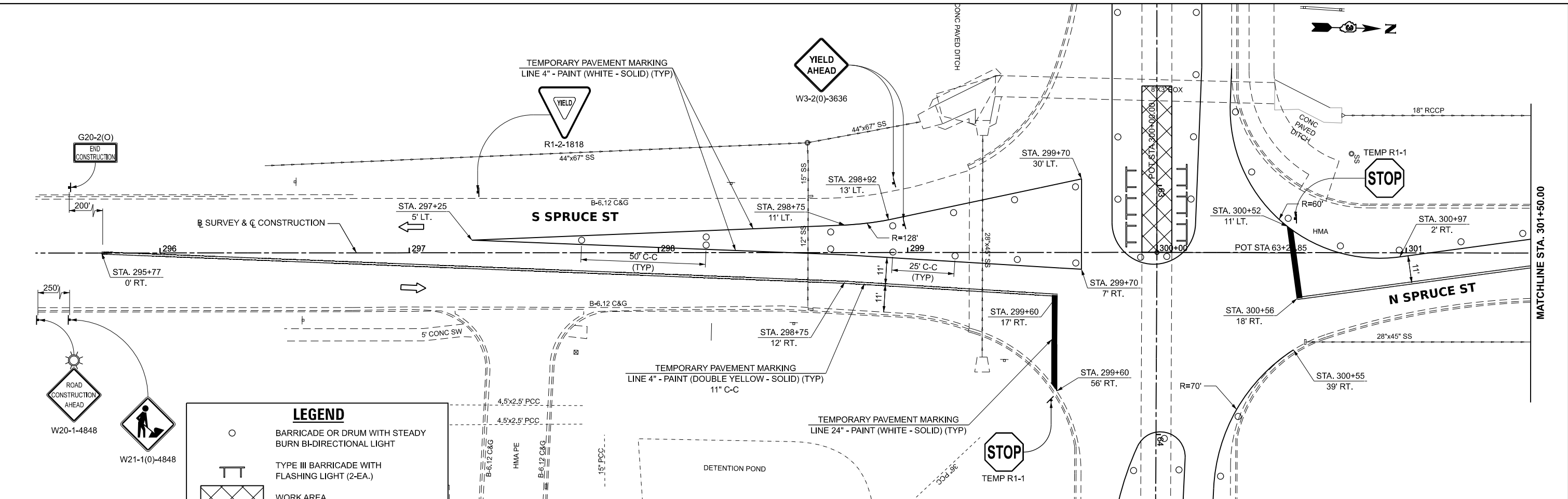
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
STAGE IIIA CONSTRUCTION PLAN**

SCALE: 1"=20'      SHEET 1 OF 2 SHEETS      STA. 61+00.00 TO STA. 67+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	65
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

MODEL: S:\MODEL\NAMES  
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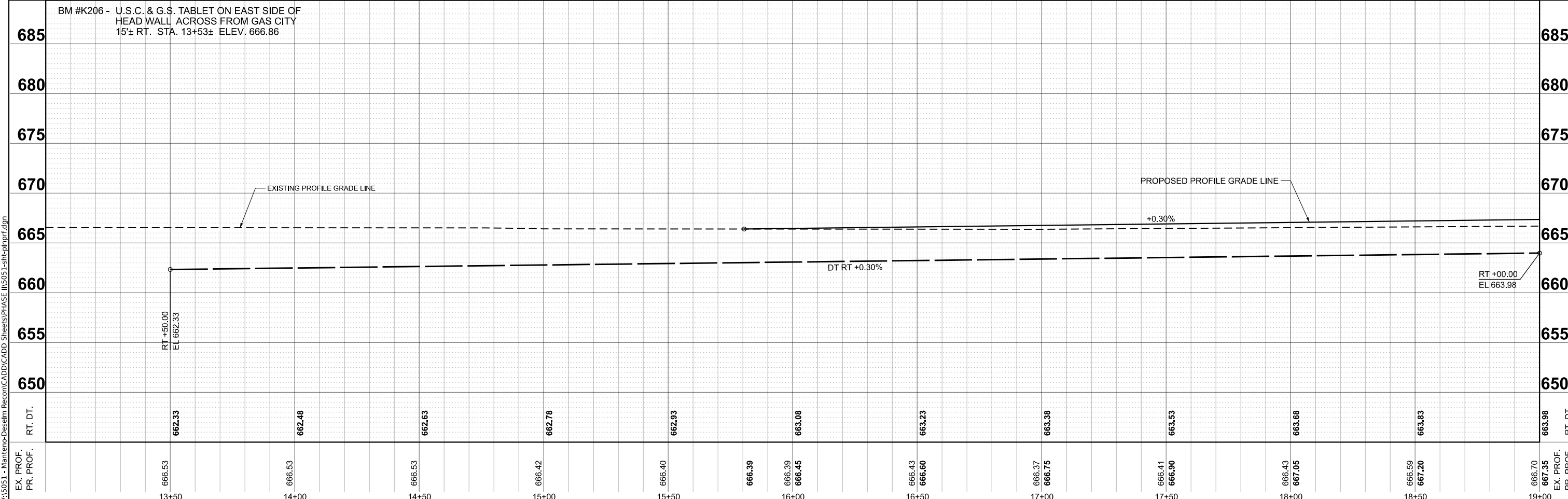
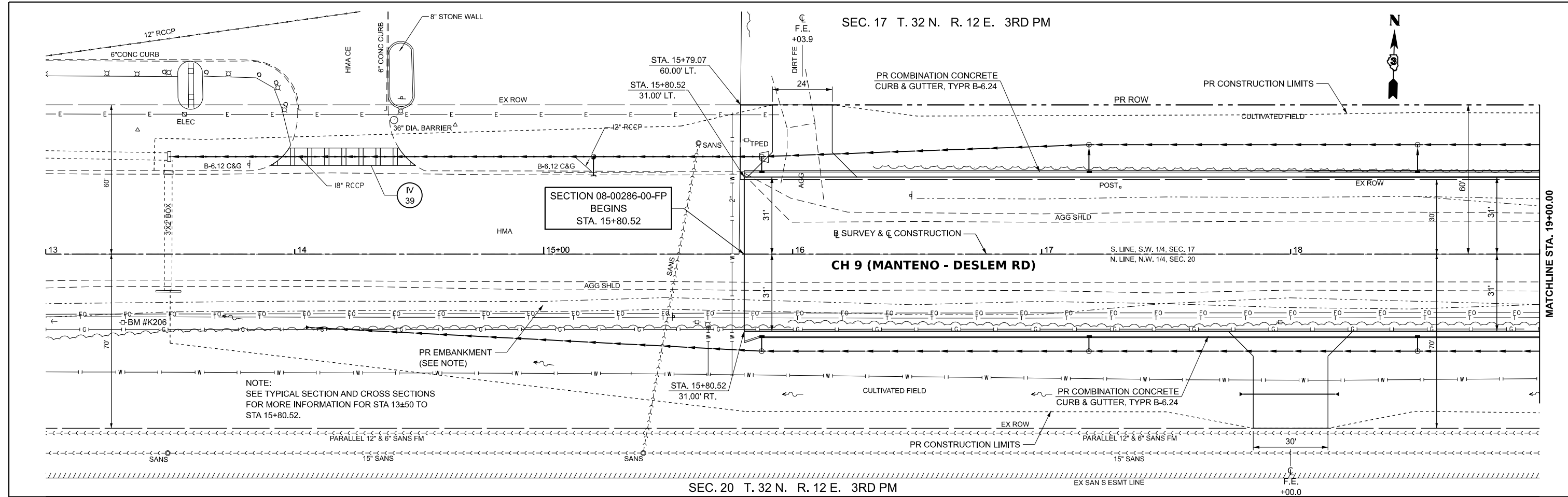
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	DATE -	REVISED -

**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 STAGE IIIA CONSTRUCTION PLAN**

SCALE: 1"=20'      SHEET 2 OF 2 SHEETS      STA. 295+50.00 TO STA. 307+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	66
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



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EX. PROF.  
 PR. PROF.

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 DRAWN -  
 CHECKED -  
 DATE -  
 PLOT SCALE = 0.16666633' / in.  
 PLOT DATE = 3/21/2024

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

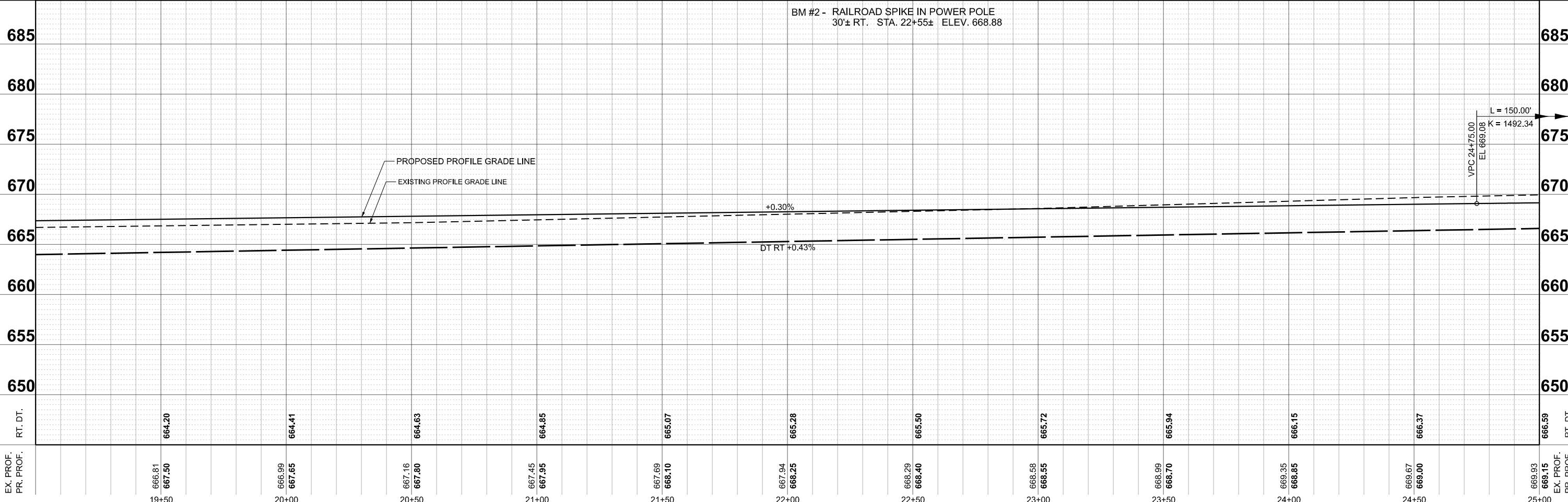
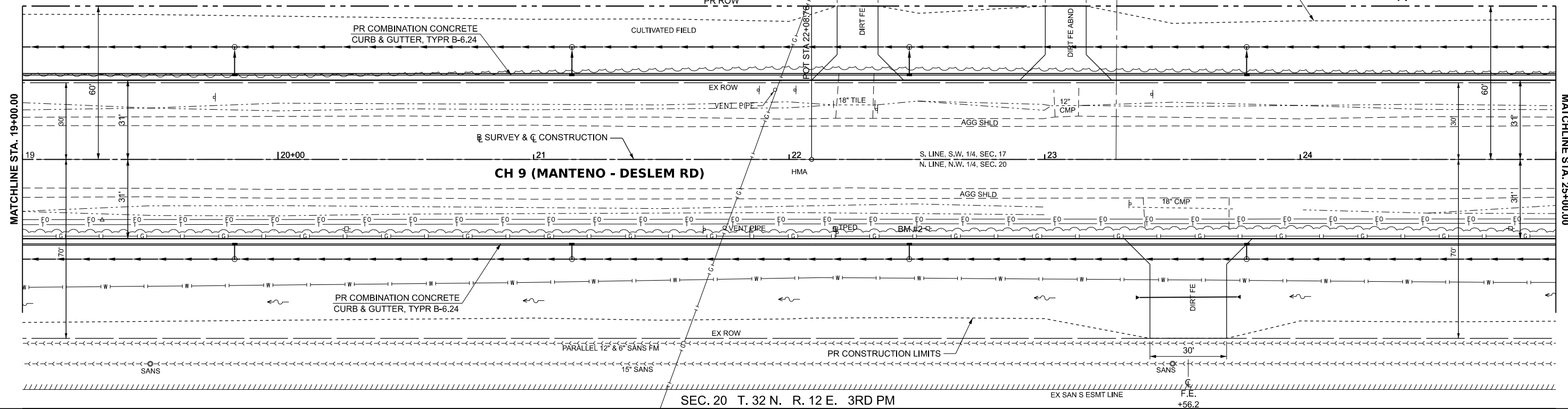
**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 PLAN AND PROFILE**

SCALE: H=20 V=5    SHEET 1 OF 13 SHEETS    STA. 13+00.00 TO STA. 19+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	67
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

SEC. 17 T. 32 N. R. 12 E. 3RD PM



STATION	EXISTING ELEVATION	PROPOSED ELEVATION
19+50	666.81 667.50	664.20
20+00	666.99 667.65	664.41
20+50	667.16 667.80	664.63
21+00	667.45 667.95	664.85
21+50	667.69 668.10	665.07
22+00	667.94 668.25	665.28
22+50	668.29 668.40	665.50
23+00	668.58 668.55	665.72
23+50	668.99 668.70	665.94
24+00	669.35 668.85	666.15
24+50	669.67 669.00	666.37
25+00	669.93 669.15	666.59

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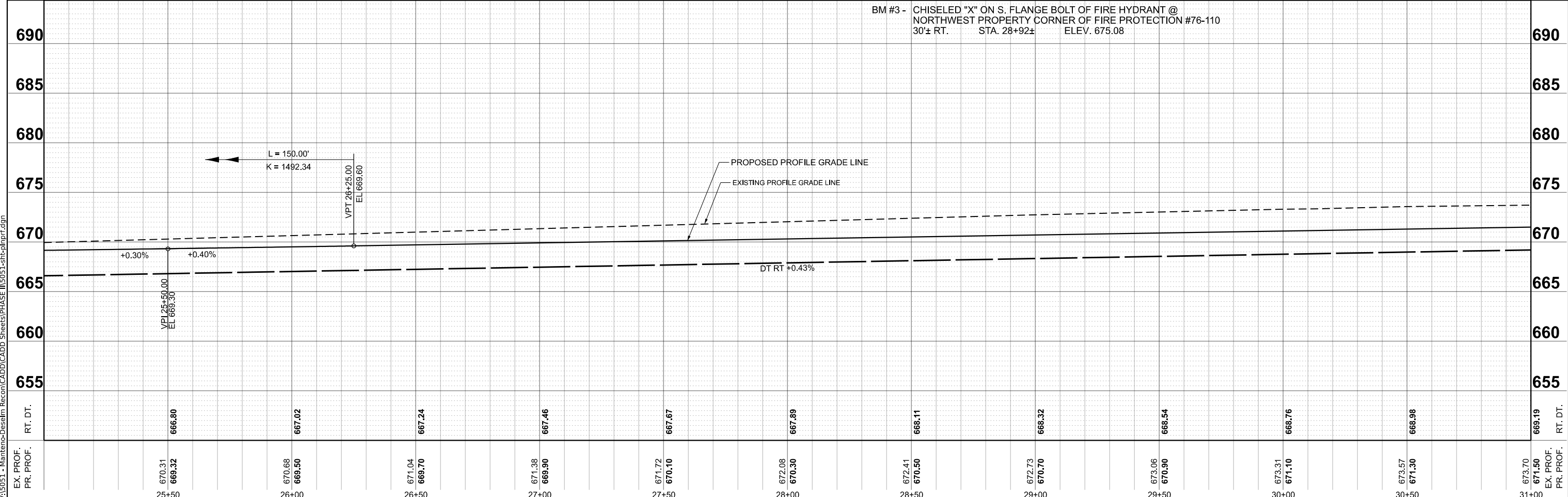
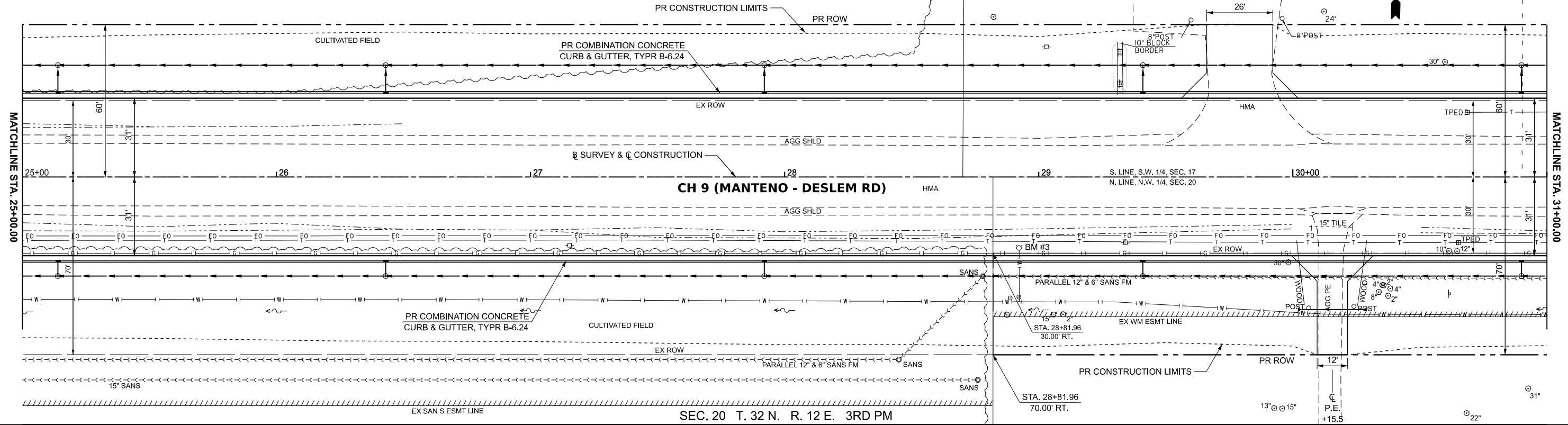
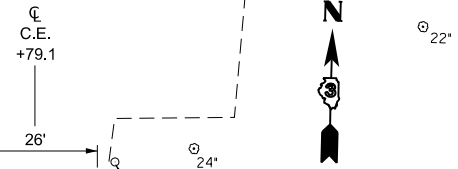
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REVISIED -  
REVISIED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PLAN AND PROFILE**

SCALE: H=20 V=5 SHEET 2 OF 13 SHEETS STA. 19+00.00 TO STA. 25+00.00

F.A.S. RTE. 311	SECTION 08-00286-00-FP	COUNTY KANKAKEE	TOTAL SHEETS 173	SHEET NO. 68
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



MODEL: \$MODELNAMES  
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EX. PROF.  
PR. PROF.

670.31 669.32	670.68 669.50	671.04 669.70	671.38 669.90	671.72 670.10	672.08 670.30	672.41 670.50	672.73 670.70	673.06 670.90	673.31 671.10	673.57 671.30	673.70 671.50
25+50	26+00	26+50	27+00	27+50	28+00	28+50	29+00	29+50	30+00	30+50	31+00

USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

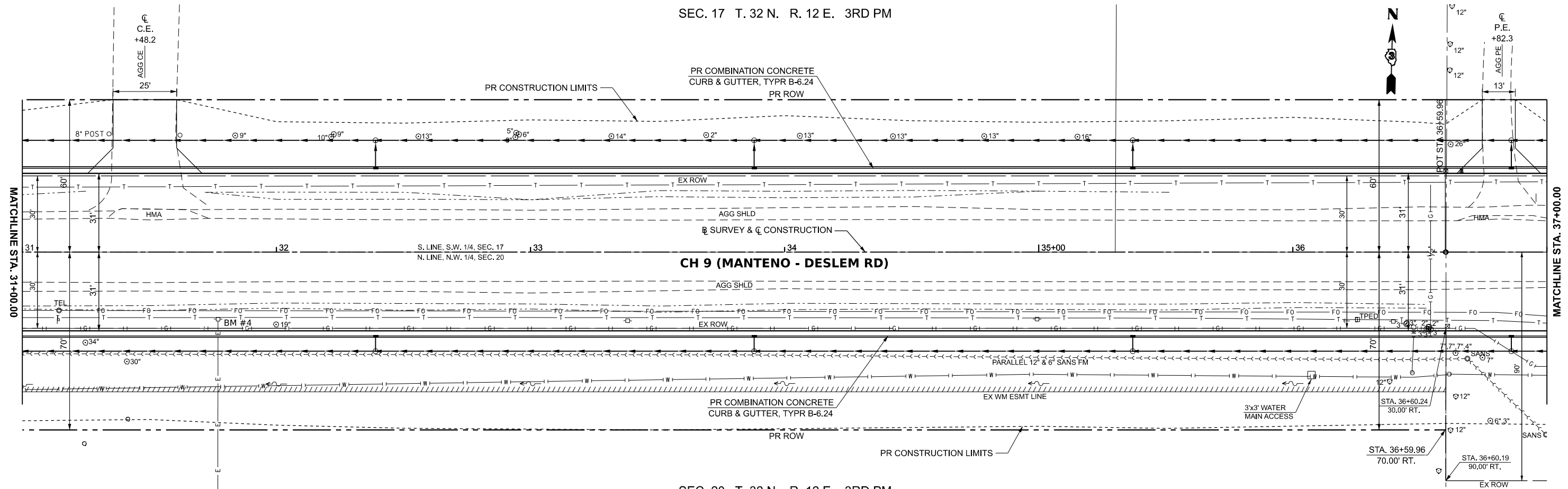
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PLAN AND PROFILE**

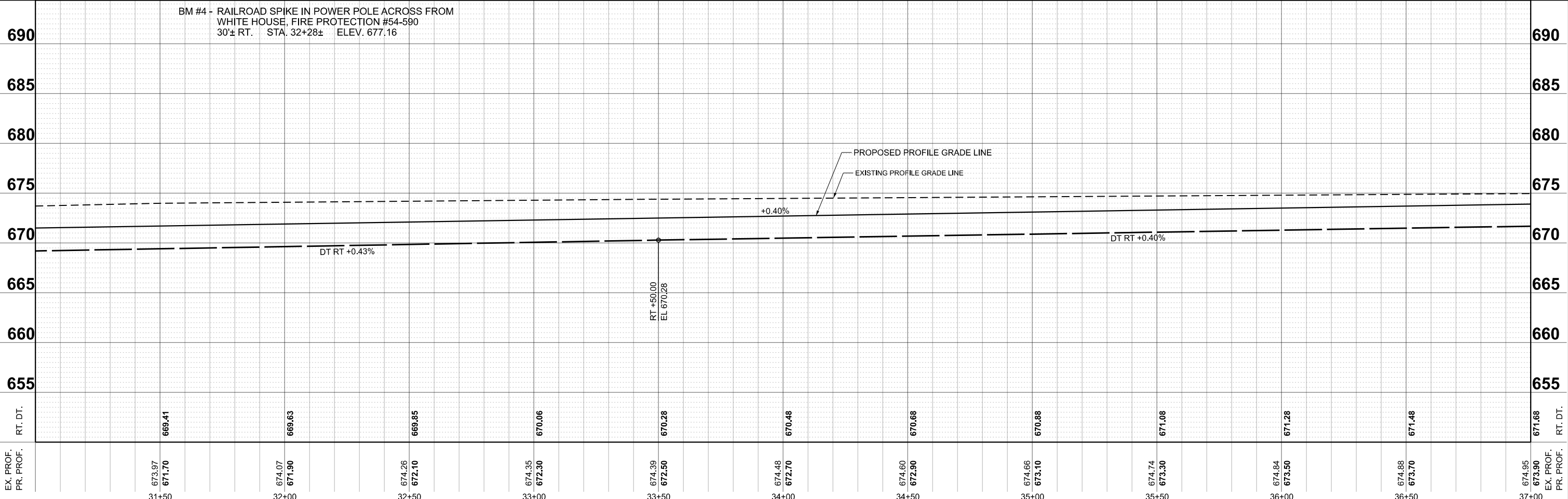
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F.A.S. RTE. 311	SECTION 08-00286-00-FP	COUNTY KANKAKEE	TOTAL SHEETS 173	SHEET NO. 69
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

SEC. 17 T. 32 N. R. 12 E. 3RD PM



SEC. 20 T. 32 N. R. 12 E. 3RD PM



MODEL: \$MODELNAMES  
FILE NAME: Y:\31051-Manteno-Deslem-Recm\CADD\CADD\_Sheets\PHASE\15051-shp\pmp.r.dgn

EX. PROF.  
PR. PROF.

673.97	671.70	674.07	671.90	674.26	672.10	674.35	672.30	674.39	672.50	674.48	672.70	674.60	672.90	674.66	673.10	674.74	673.30	674.84	673.50	674.88	673.70	674.95	673.90
31+50	32+00	32+50	33+00	33+50	34+00	34+50	35+00	35+50	36+00	36+50	37+00												

USER NAME = BDeCrane	DESIGNED -	REVISED -
DRAWN -	REVISED -	
CHECKED -	REVISED -	
DATE -	REVISED -	

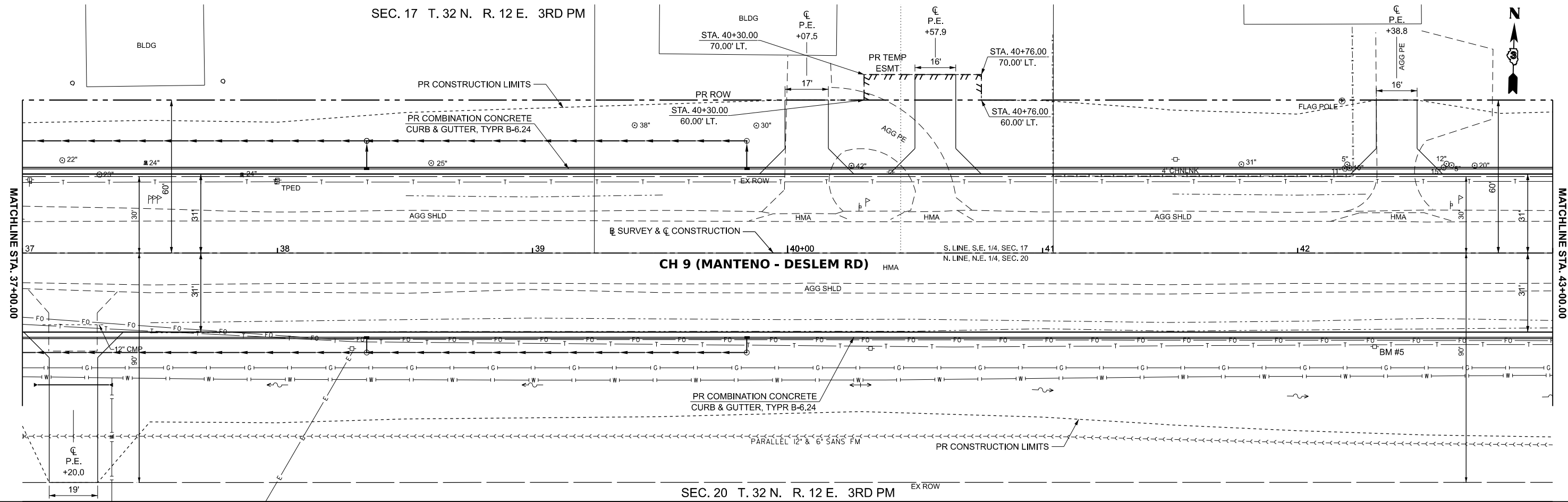
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PLAN AND PROFILE**

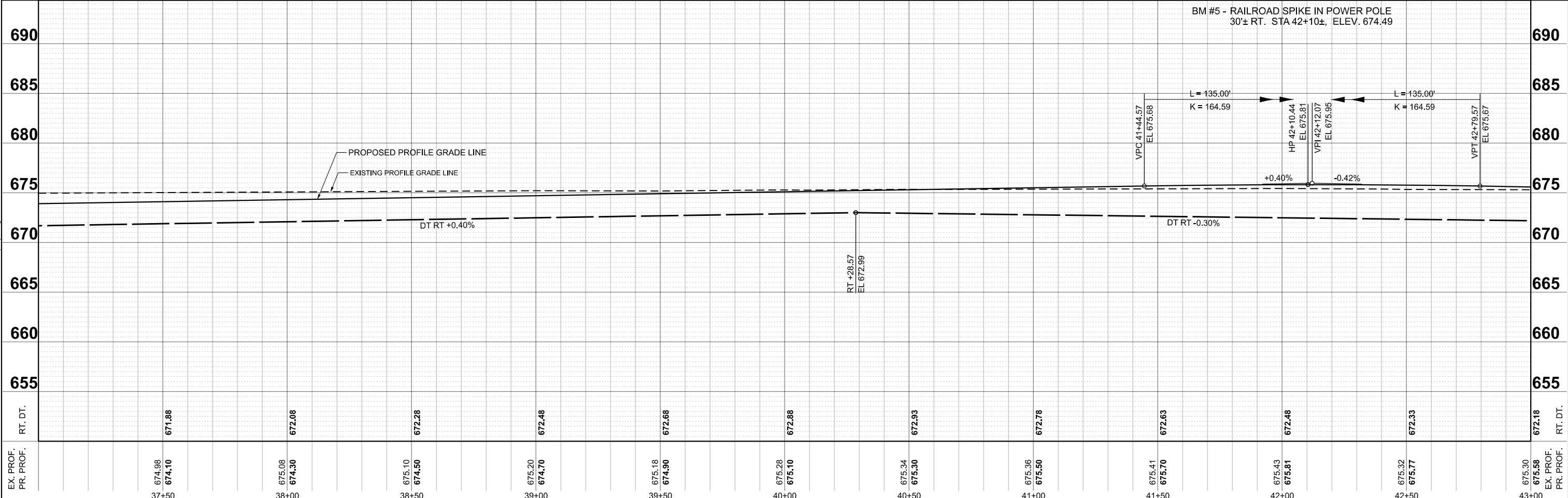
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	70
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

SEC. 17 T. 32 N. R. 12 E. 3RD PM



SEC. 20 T. 32 N. R. 12 E. 3RD PM



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 EX. PROF.  
 PR. PROF.



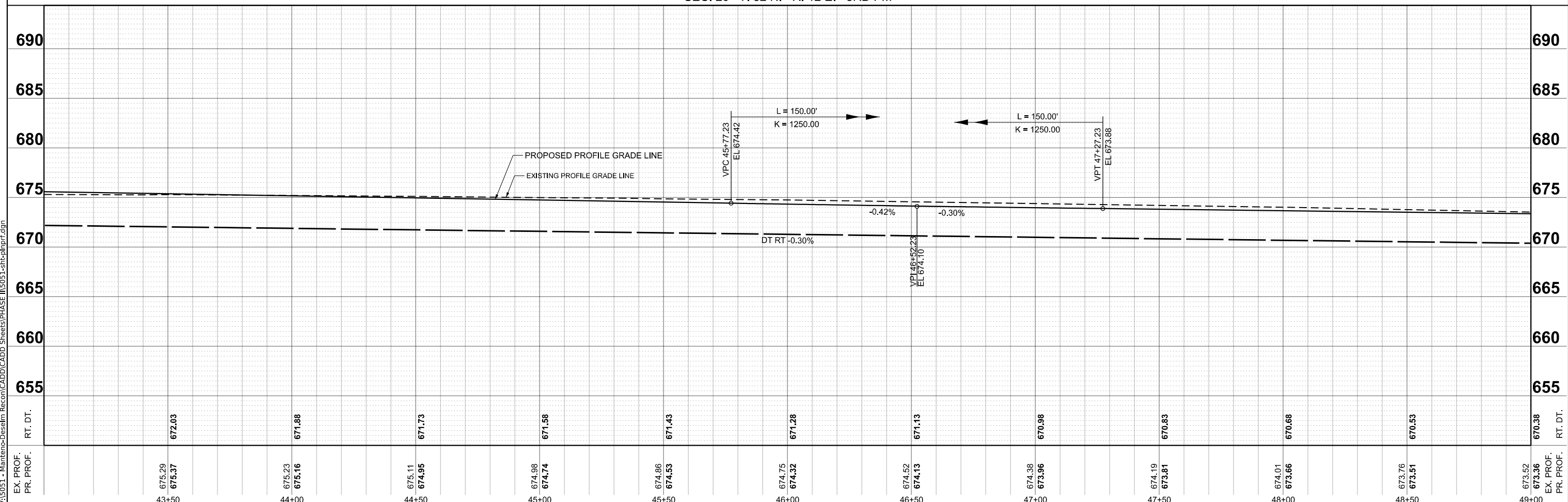
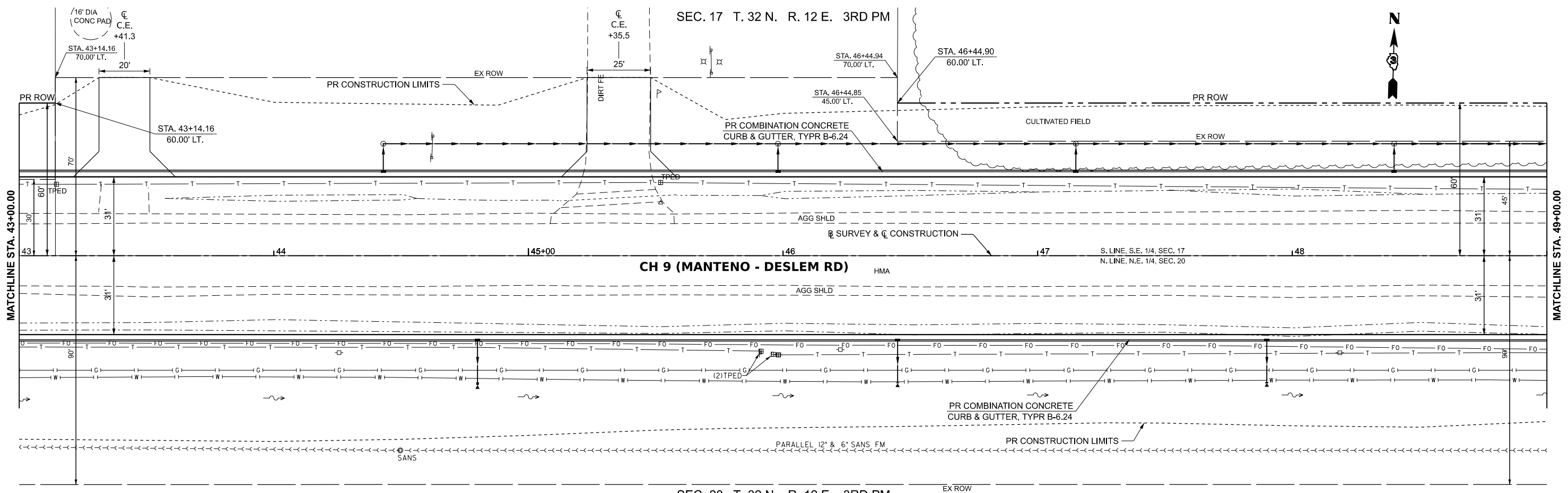
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PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PLAN AND PROFILE**

SCALE: H=20 V=5    SHEET 5    OF 13 SHEETS    STA. 37+00.00    TO STA. 43+00.00

F.A.S. RTE. 311	SECTION 08-00286-00-FP	COUNTY KANKAKEE	TOTAL SHEETS 173	SHEET NO. 71
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



MODEL: \\MODEL\NAMES  
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 EX. PROF.  
 PR. PROF.

STATION	RT. DT.	PROF. ELEV.	DESIGNED	REVISIONS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
43+50	675.29	675.37	-	-	311	KANKAKEE	173	72
44+00	675.23	675.16	-	-	<b>CH 9 (MANTENO - DESELM RD)</b> <b>PLAN AND PROFILE</b> SCALE: H=20 V=5    SHEET 6 OF 13 SHEETS    STA. 43+00.00 TO STA. 49+00.00 ILLINOIS FED. AID PROJECT			
44+50	675.11	674.95	-	-				
45+00	674.98	674.74	-	-				
45+50	674.86	674.53	-	-				
46+00	674.75	674.32	-	-				
46+50	674.52	674.13	-	-				
47+00	674.38	673.96	-	-				
47+50	674.19	673.81	-	-				
48+00	674.01	673.66	-	-				
48+50	673.76	673.51	-	-				
49+00	673.52	673.36	-	-				



USER NAME = BDeCrane  
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 DRAWN -  
 CHECKED -  
 DATE -  
 PLOT SCALE = 0.16666633' / in.  
 PLOT DATE = 3/21/2024

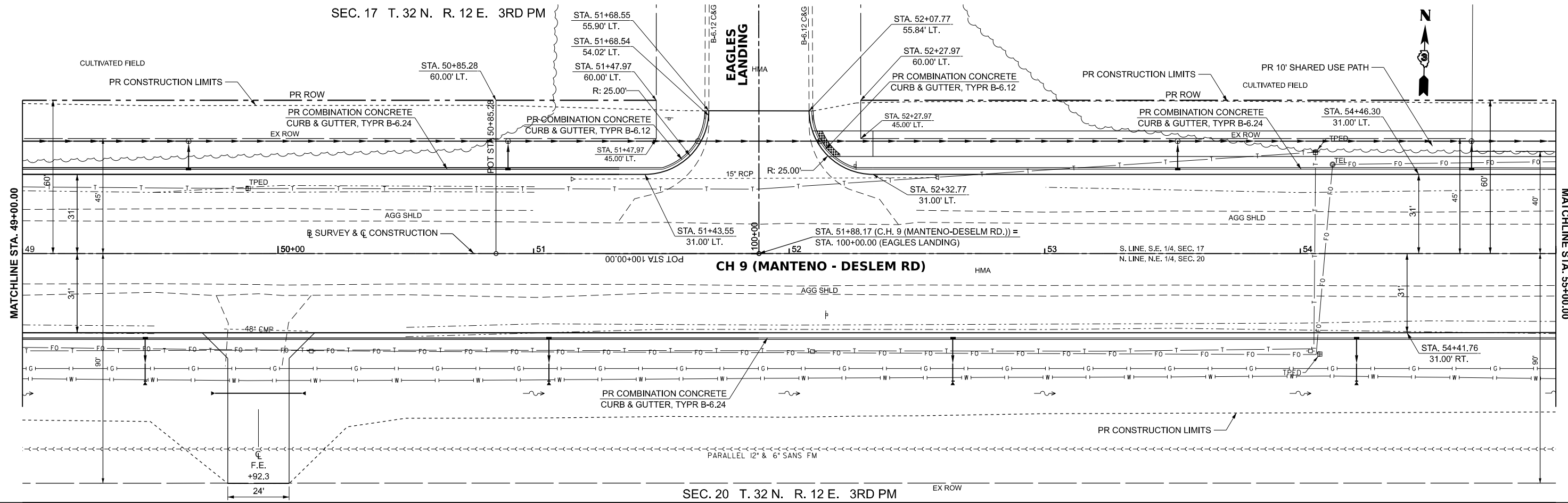
KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT

SCALE: H=20 V=5    SHEET 6 OF 13 SHEETS    STA. 43+00.00 TO STA. 49+00.00

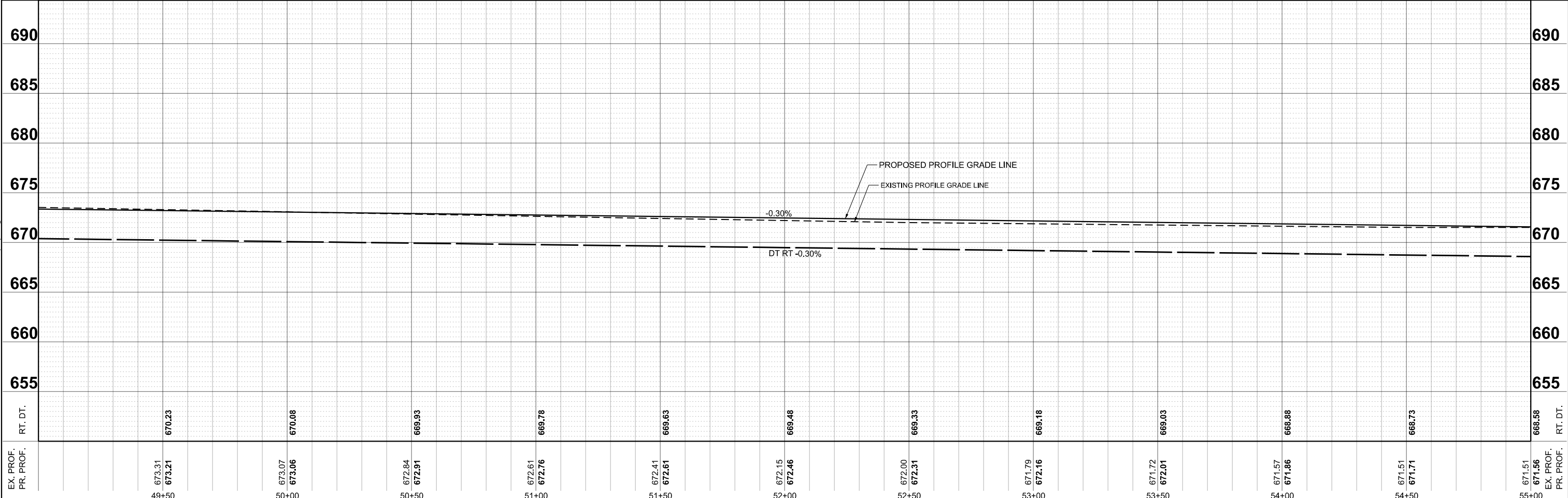
F.A.S. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
 311 08-00286-00-FP KANKAKEE 173 72  
 CONTRACT NO. 87805



SEC. 17 T. 32 N. R. 12 E. 3RD PM



SEC. 20 T. 32 N. R. 12 E. 3RD PM



MODEL: \$MODELNAMES  
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 EX. PROF.  
 PR. PROF.



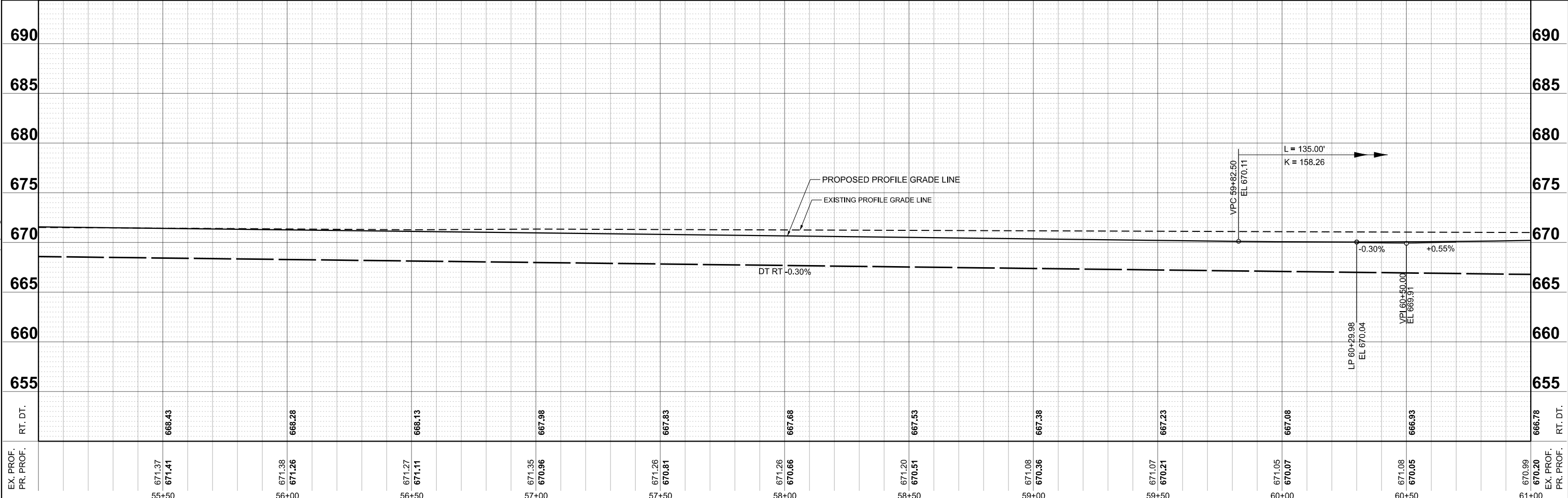
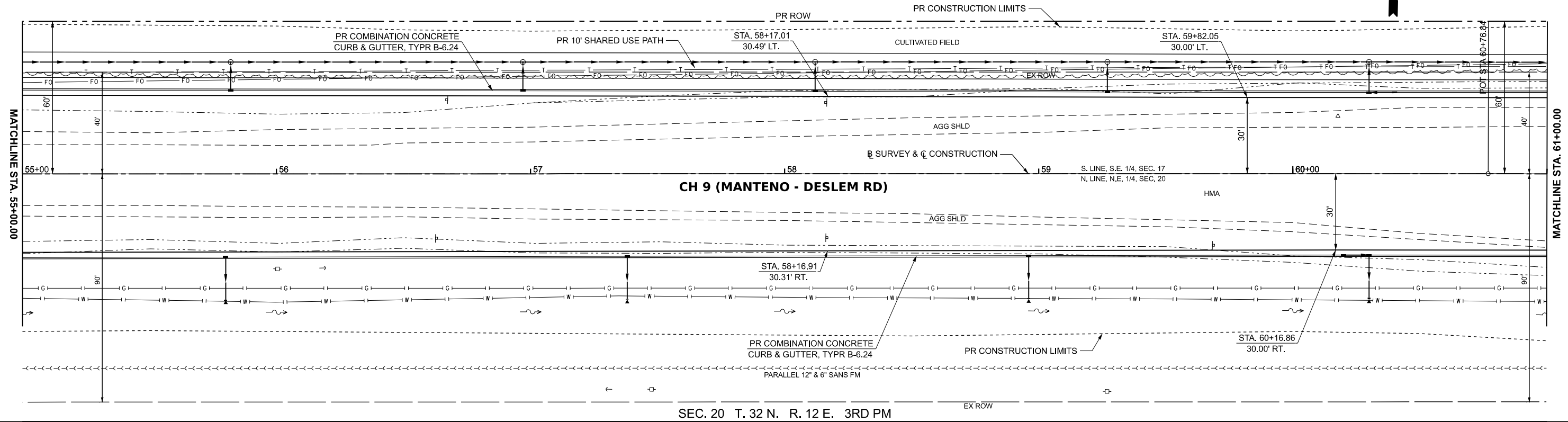
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PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PLAN AND PROFILE**

SCALE: H=20 V=5    SHEET 7 OF 13 SHEETS    STA. 49+00.00 TO STA. 55+00.00

F.A.S. RTE. 311	SECTION 08-00286-00-FP	COUNTY KANKAKEE	TOTAL SHEETS 173	SHEET NO. 73
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



MODEL: \$MODELNAMES  
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 EX. PROF.  
 PR. PROF.

55+00	671.37 671.41	668.43	56+00	671.38 671.26	668.28	57+00	671.27 671.11	668.13	58+00	671.35 670.96	667.98	59+00	671.26 670.81	667.83	60+00	671.08 670.36	667.38	61+00	671.07 670.21	667.23	62+00	671.05 670.07	667.08	63+00	671.08 670.05	666.93	64+00	670.99 670.20	666.78
RT. DT.		RT. DT.		RT. DT.		RT. DT.		RT. DT.		RT. DT.		RT. DT.		RT. DT.		RT. DT.		RT. DT.		RT. DT.		RT. DT.		RT. DT.		RT. DT.			

**Hutchison**  
Engineering, Inc.

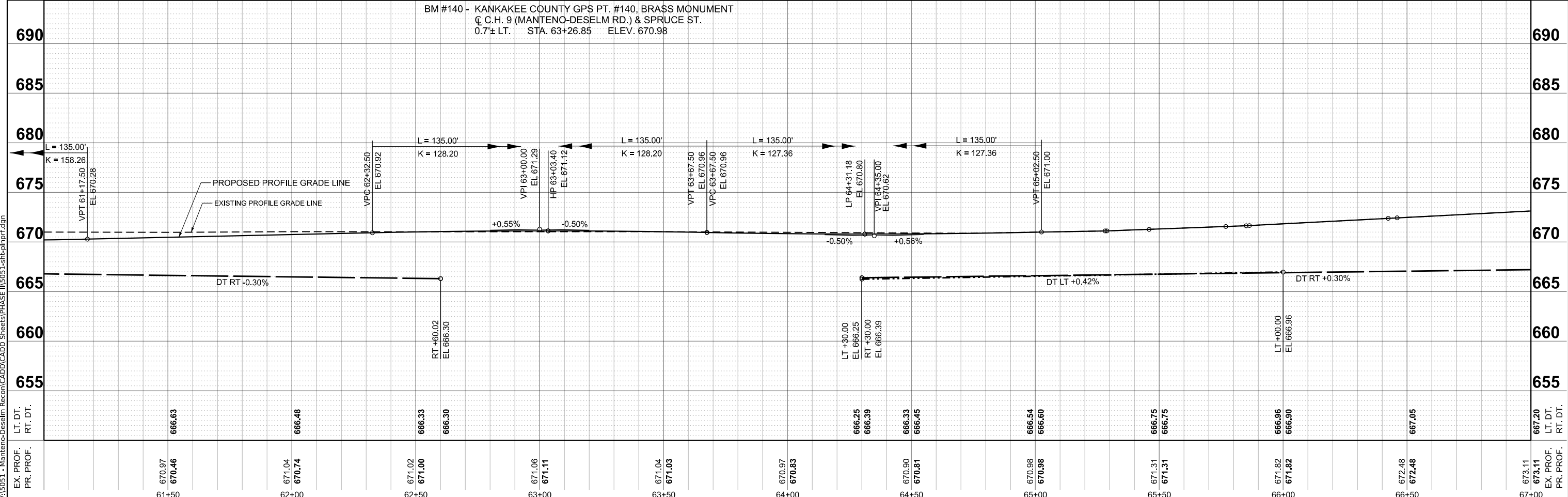
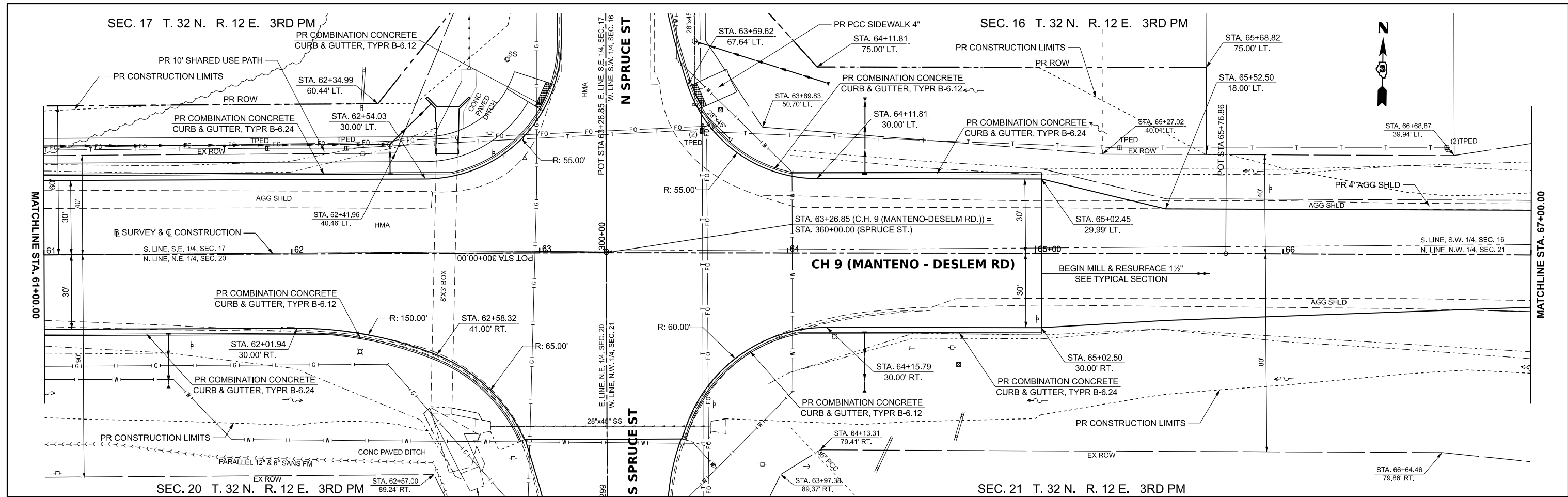
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PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PLAN AND PROFILE**

SCALE: H=20 V=5    SHEET 8    OF 13 SHEETS    STA. 55+00.00    TO STA. 61+00.00

F.A.S. RTE. 311	SECTION 08-00286-00-FP	COUNTY KANKAKEE	TOTAL SHEETS 173	SHEET NO. 74
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



61+50	62+00	62+50	63+00	63+50	64+00	64+50	65+00	65+50	66+00	66+50	67+00
670.97 670.46	671.04 670.74	671.02 671.00	671.06 671.11	671.04 671.03	670.97 670.83	670.90 670.81	670.98 670.98	671.31 671.31	671.82 671.82	672.48 672.48	673.11 673.11
666.63	666.48	666.33 666.30				666.25 666.39	666.33 666.45	666.54 666.60	666.75 666.75	666.96 666.90	667.05
LT. DT. RT. DT.											
EX. PROF. PR. PROF.											

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**HEI** Hutchison Engineering, Inc.

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PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

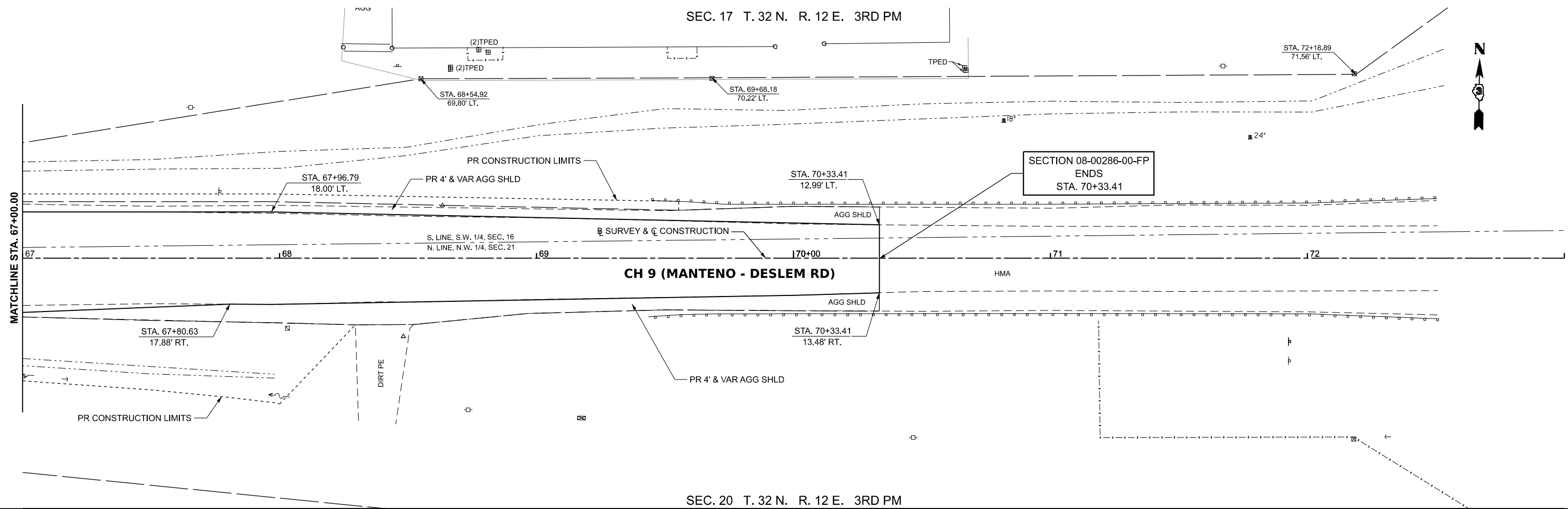
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PLAN AND PROFILE**

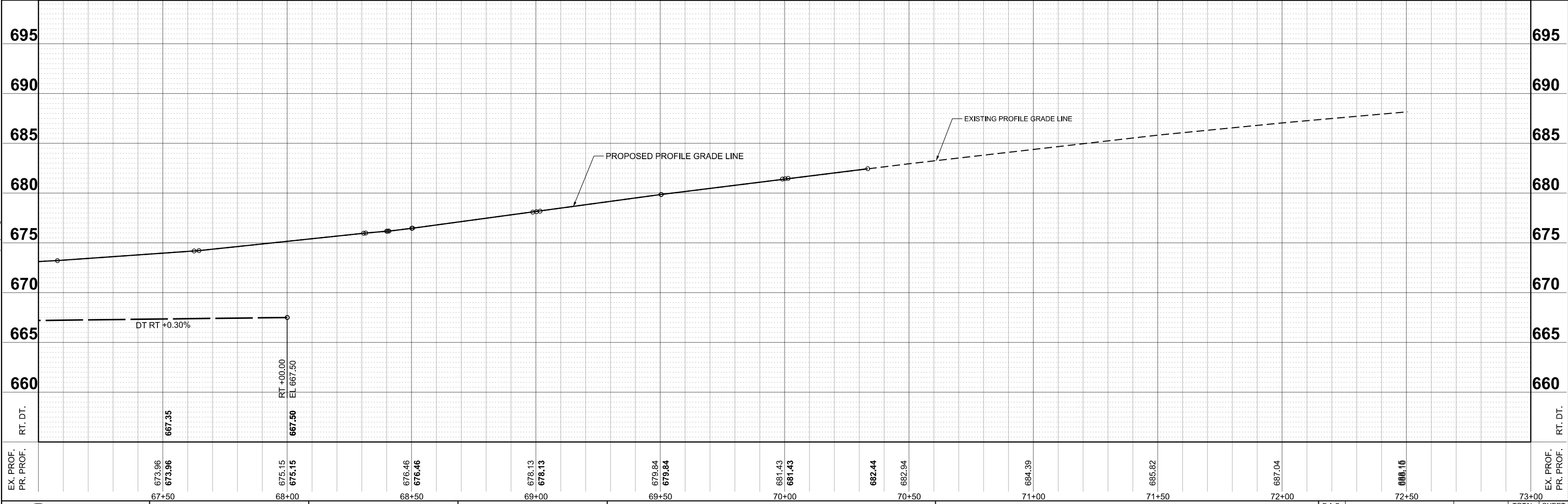
SCALE: H=20 V=5    SHEET 9 OF 13 SHEETS    STA. 61+00.00 TO STA. 67+00.00

F.A.S. R.T.E. 311	SECTION 08-00286-00-FP	COUNTY KANKAKEE	TOTAL SHEETS 173	SHEET NO. 75
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

SEC. 17 T. 32 N. R. 12 E. 3RD PM



SEC. 20 T. 32 N. R. 12 E. 3RD PM



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 EX. PROF. PR. PROF.

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	DATE -	REVISED -

67+50	68+00	68+50	69+00	69+50	70+00	70+50	71+00	71+50	72+00	72+50	73+00
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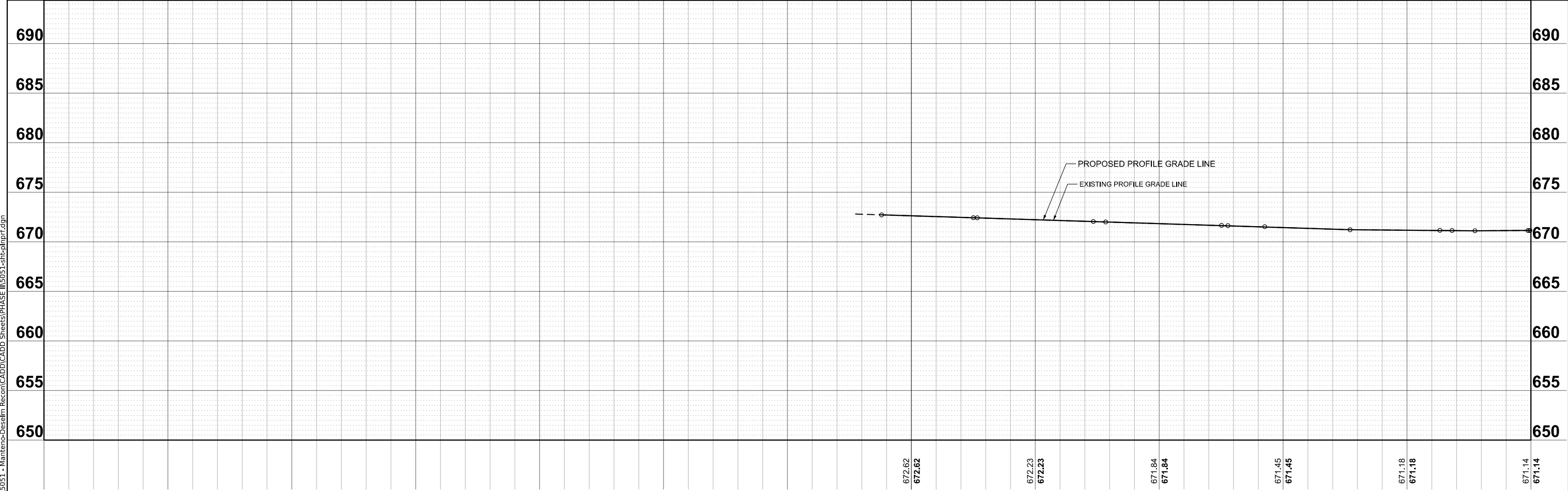
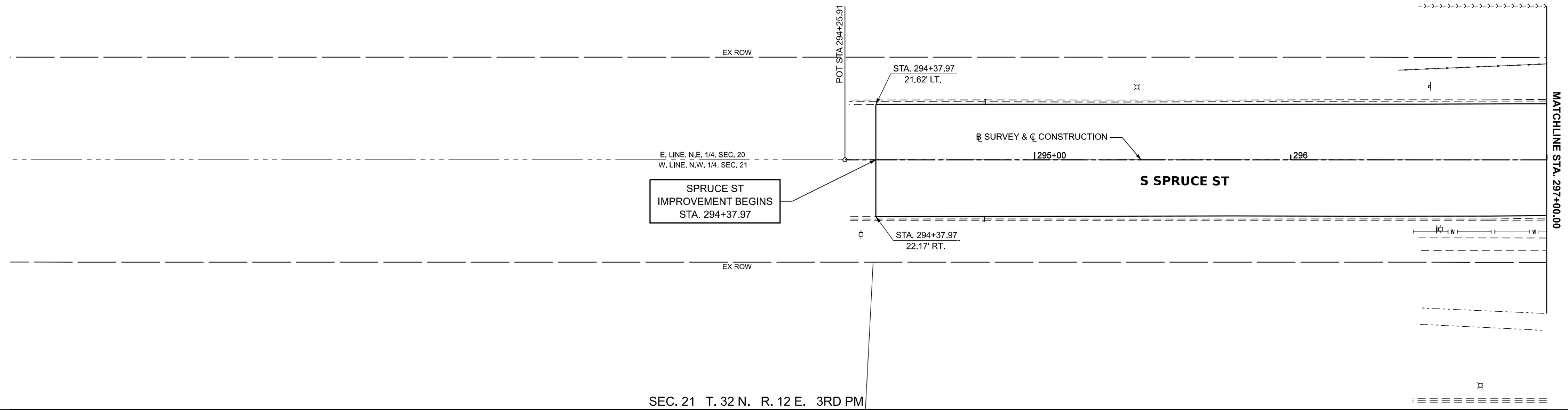
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
PLAN AND PROFILE**

SCALE: H=20 V=5 SHEET 10 OF 13 SHEETS STA. 67+00.00 TO STA. 73+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	76
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				



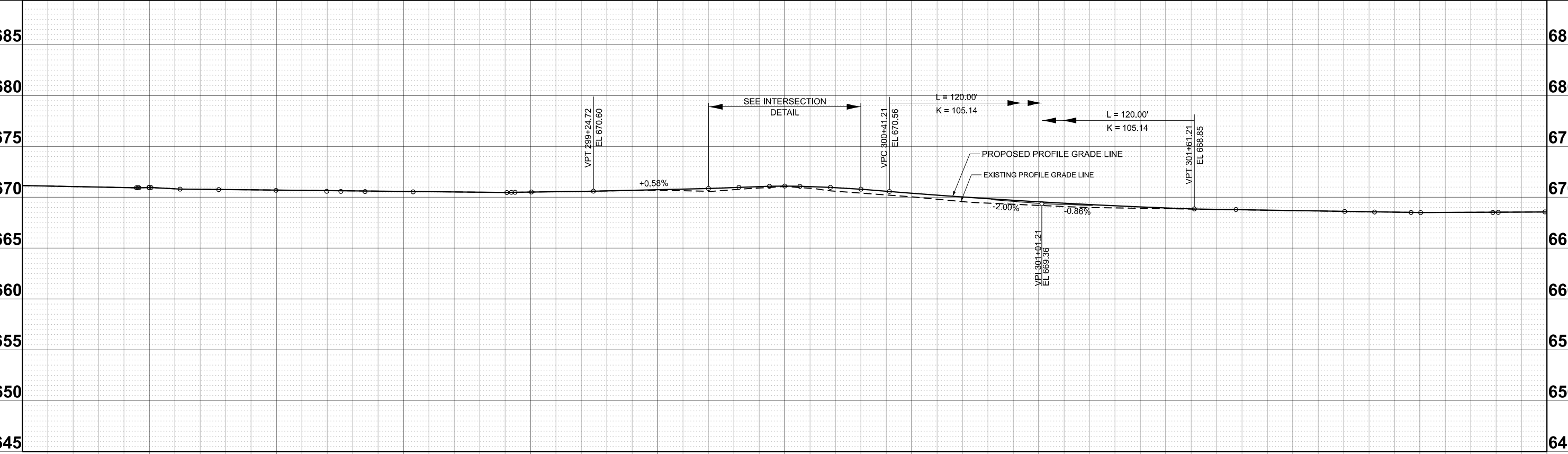
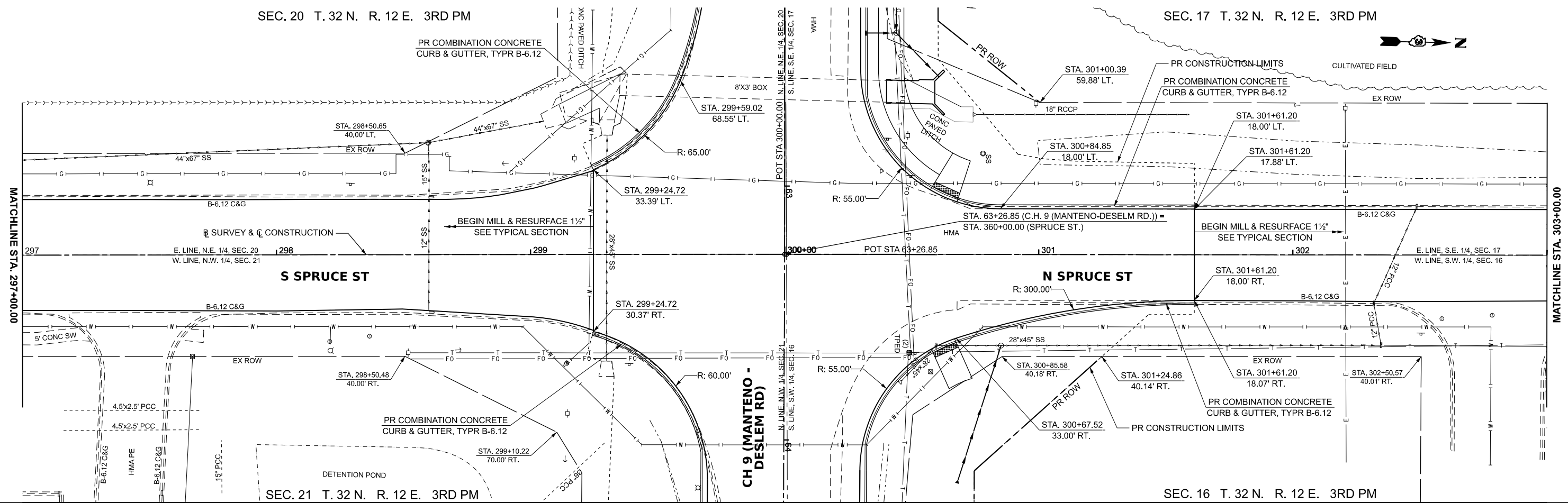
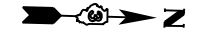


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291+00	291+50	292+00	292+50	293+00	293+50	294+00	294+50	295+00	295+50	296+00	296+50	297+00																											
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DRAWN -	REVISED -																																						
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PLOT DATE = 3/21/2024	DATE -	REVISED -																																					
F.A.S. RTE. 311	SECTION 08-00286-00-FP	COUNTY KANKAKEE	TOTAL SHEETS 173																																				
			SHEET NO. 77																																				
CONTRACT NO. 87805																																							
SCALE: H=20 V=5    SHEET 11 OF 13 SHEETS    STA. 291+00.00 TO STA. 297+00.00																																							
ILLINOIS FED. AID PROJECT																																							

SEC. 20 T. 32 N. R. 12 E. 3RD PM

SEC. 17 T. 32 N. R. 12 E. 3RD PM



670.96 670.96	670.67 670.67	670.53 670.53	670.51 670.51	670.69 670.74	671.05 671.09	670.04 670.39	669.20 669.55	668.89 668.95	668.70 668.70	668.49 668.49	668.55 668.55
297+50	298+00	298+50	299+00	299+50	300+00	300+50	301+00	301+50	302+00	302+50	303+00



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

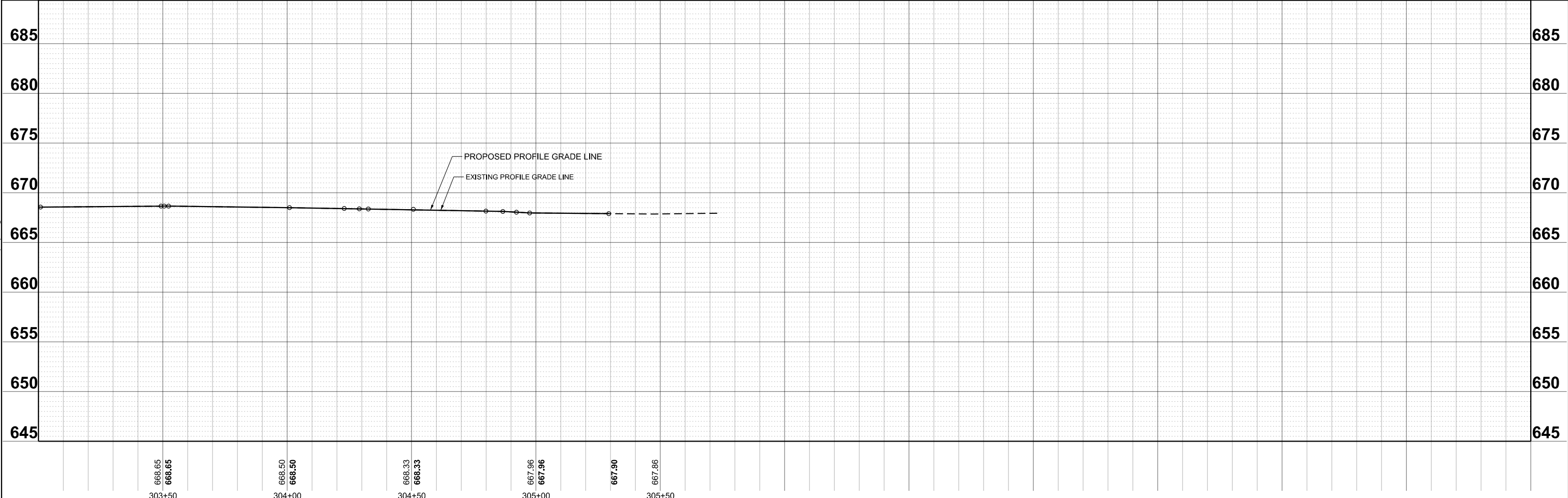
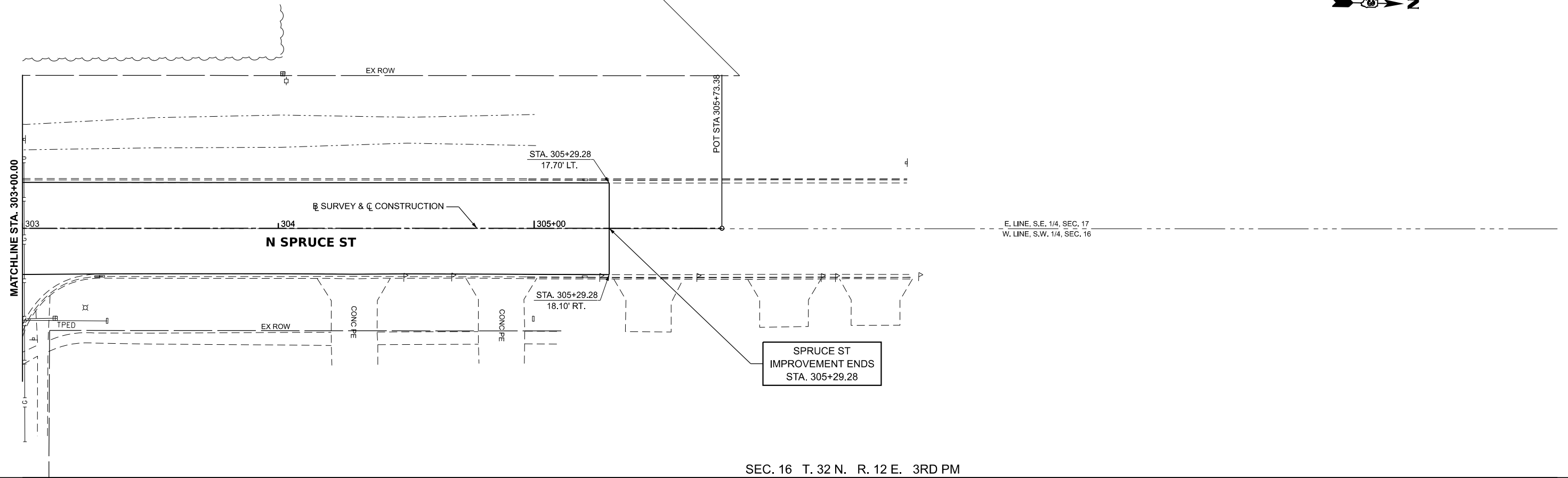
**SPRUCE ST  
PLAN AND PROFILE**

SCALE: H=20 V=5 SHEET 12 OF 13 SHEETS STA. 297+00.00 TO STA. 303+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	78
CONTRACT NO. 87805				

ILLINOIS FED. AID PROJECT

MODEL: \$MODELNAMES FILE NAME: Y:\5051-Manteno-Deselm\_Recon\CADD\CADD\_Sheets\PHASE II\5051-shft-ppnpr.dgn



668.65 668.65	668.50 668.50	668.33 668.33	667.96 667.96	667.90	667.86
303+50	304+00	304+50	305+00		305+50

MODEL: \\MODEL\NAMES  
 FILE NAME: Y:\3051-1-Mainten-Deseim\_Recon\CADD\CADD\_Sheets\PHASE II\3051-shp-plnprf.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 3/21/2024	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**SPRUCE ST  
PLAN AND PROFILE**

SCALE: H=20 V=5    SHEET 13    OF 13    SHEETS    STA. 303+00.00    TO STA. 309+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	08-00286-00-FP	KANKAKEE	173	79
CONTRACT NO. 87805				
ILLINOIS		FED. AID PROJECT		

NOTES:

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

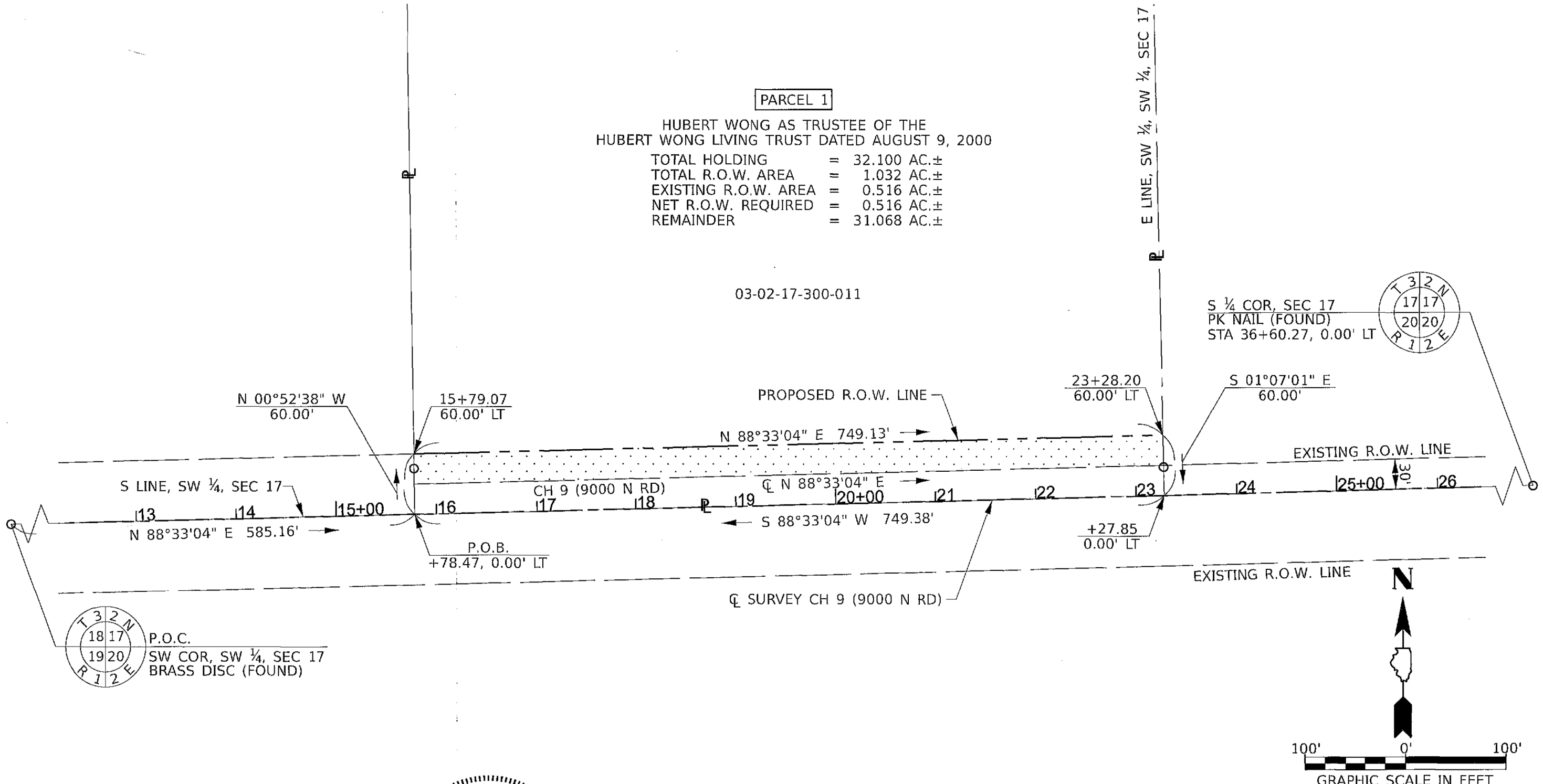
SW 1/4, SW 1/4, SEC 17, T 32 N, R 12 E, 3RD PM

**PARCEL 1**

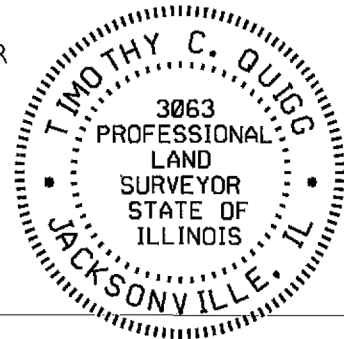
HUBERT WONG AS TRUSTEE OF THE HUBERT WONG LIVING TRUST DATED AUGUST 9, 2000

TOTAL HOLDING = 32.100 AC.±  
 TOTAL R.O.W. AREA = 1.032 AC.±  
 EXISTING R.O.W. AREA = 0.516 AC.±  
 NET R.O.W. REQUIRED = 0.516 AC.±  
 REMAINDER = 31.068 AC.±

03-02-17-300-011



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



*Timothy C. Quigg* 12/13/23  
 TIMOTHY C. QUIGG  
 PROFESSIONAL LAND SURVEYOR NO. 3063

EXPIRES: 11/30/2024

- LEGEND
- = PROPERTY LINE
  - - - - - = PROPOSED R.O.W. LINE
  - = SECTION LINE
  - = EXISTING R.O.W. LINE
  - ▨ = REQUIRED R.O.W.

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

RIGHT OF WAY PLAT	
PARCEL	<u>1</u>
ROUTE	<u>CH 9 (9000N ROAD)</u>
SECTION	<u>08-00286-00-FP</u>
STATION	<u>15+79.07 TO 23+28.20</u>
COUNTY	<u>KANKAKEE</u>
SCALE	<u>1"=100'</u>
SHEET NO.	<u>1 OF 1</u>



NOTES:

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

E 1/2, SW 1/4, SEC 17, T 32 N, R 12 E, 3RD PM

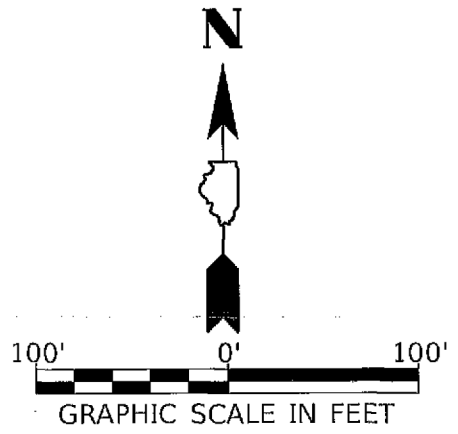
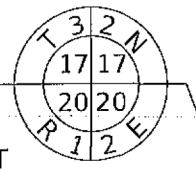
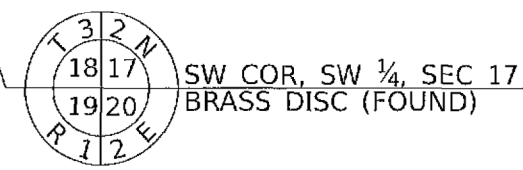
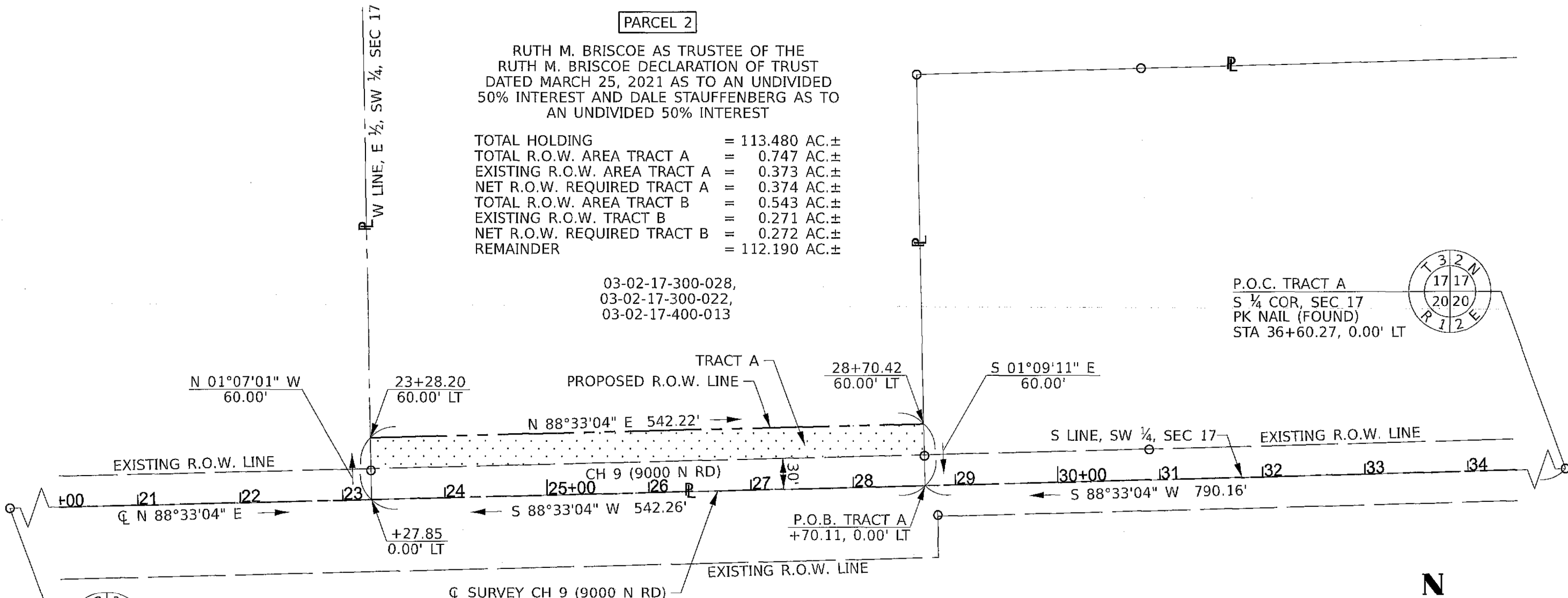
**PARCEL 2**

RUTH M. BRISCOE AS TRUSTEE OF THE RUTH M. BRISCOE DECLARATION OF TRUST DATED MARCH 25, 2021 AS TO AN UNDIVIDED 50% INTEREST AND DALE STAUFFENBERG AS TO AN UNDIVIDED 50% INTEREST

TOTAL HOLDING	= 113.480 AC.±
TOTAL R.O.W. AREA TRACT A	= 0.747 AC.±
EXISTING R.O.W. AREA TRACT A	= 0.373 AC.±
NET R.O.W. REQUIRED TRACT A	= 0.374 AC.±
TOTAL R.O.W. AREA TRACT B	= 0.543 AC.±
EXISTING R.O.W. TRACT B	= 0.271 AC.±
NET R.O.W. REQUIRED TRACT B	= 0.272 AC.±
REMAINDER	= 112.190 AC.±

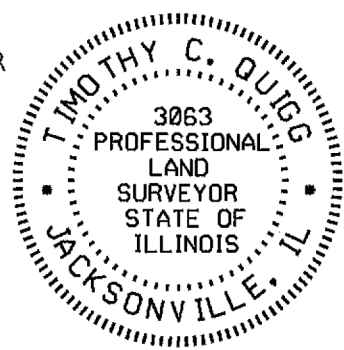
03-02-17-300-028,  
03-02-17-300-022,  
03-02-17-400-013

P.O.C. TRACT A  
S 1/4 COR, SEC 17  
PK NAIL (FOUND)  
STA 36+60.27, 0.00' LT



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

*Timothy C. Quigg* 12/21/23  
TIMOTHY C. QUIGG  
PROFESSIONAL LAND SURVEYOR NO. 3063



EXPIRES: 11/30/2024

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  - = SECTION LINE
  - = EXISTING R.O.W. LINE
  - ..... = REQUIRED R.O.W.

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

RIGHT OF WAY PLAT	
PARCEL	<u>2A</u>
ROUTE	<u>CH 9 (9000N ROAD)</u>
SECTION	<u>08-00286-00-FP</u>
STATION	<u>23+28.20 TO 28+70.42</u>
COUNTY	<u>KANKAKEE</u>
SCALE	<u>1"=100'</u>
SHEET NO.	<u>1 OF 2</u>

NOTES:

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

E 1/2, SW 1/4, SEC 17, T 32 N, R 12 E, 3RD PM

W 1/2, SE 1/4, SEC 17, T 32 N, R 12 E, 3RD PM

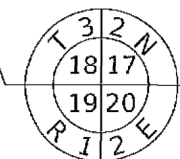
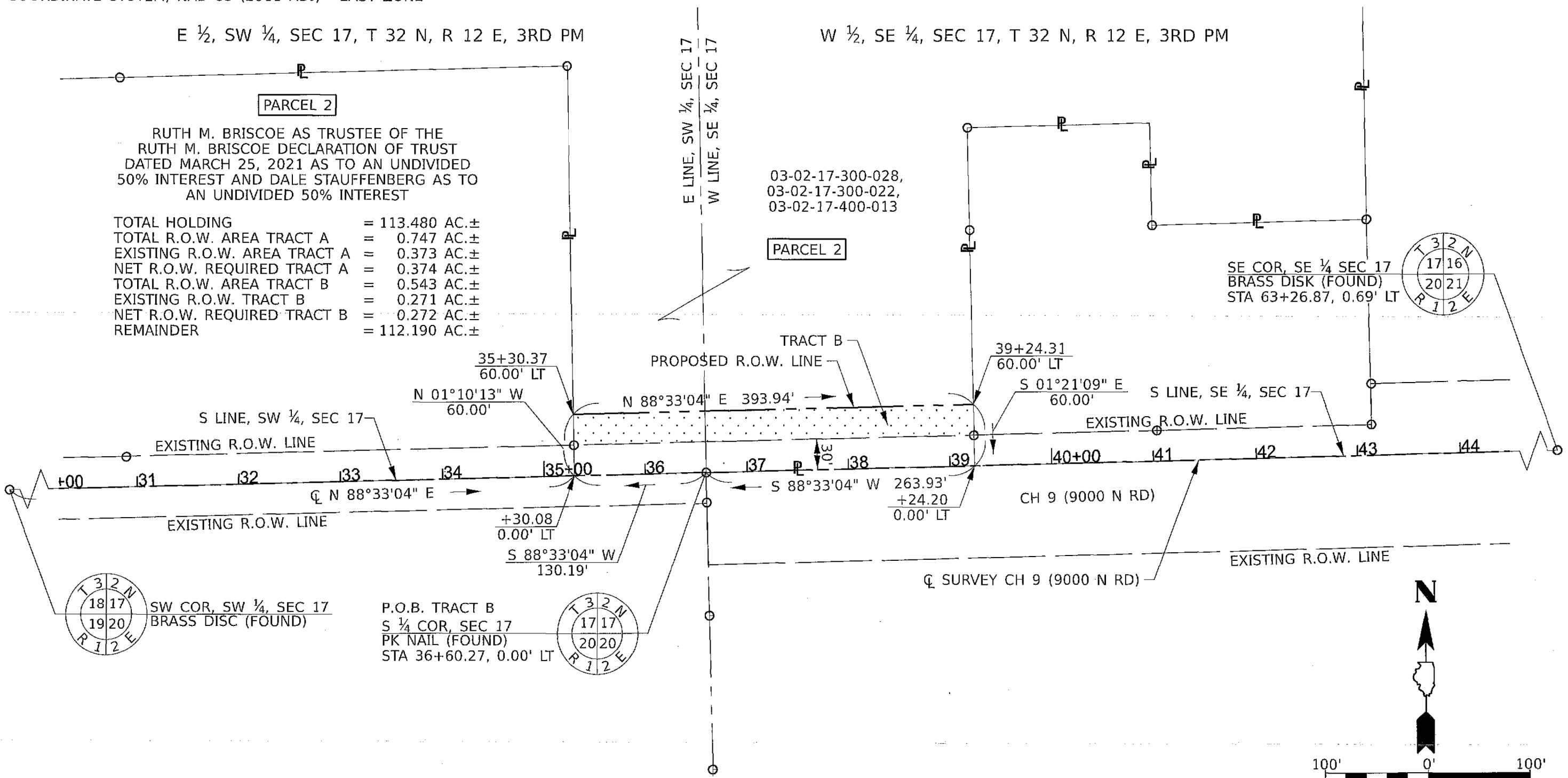
**PARCEL 2**  
 RUTH M. BRISCOE AS TRUSTEE OF THE RUTH M. BRISCOE DECLARATION OF TRUST DATED MARCH 25, 2021 AS TO AN UNDIVIDED 50% INTEREST AND DALE STAUFFENBERG AS TO AN UNDIVIDED 50% INTEREST

TOTAL HOLDING	= 113.480 AC.±
TOTAL R.O.W. AREA TRACT A	= 0.747 AC.±
EXISTING R.O.W. AREA TRACT A	= 0.373 AC.±
NET R.O.W. REQUIRED TRACT A	= 0.374 AC.±
TOTAL R.O.W. AREA TRACT B	= 0.543 AC.±
EXISTING R.O.W. TRACT B	= 0.271 AC.±
NET R.O.W. REQUIRED TRACT B	= 0.272 AC.±
REMAINDER	= 112.190 AC.±

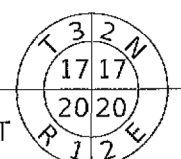
03-02-17-300-028,  
 03-02-17-300-022,  
 03-02-17-400-013

**PARCEL 2**

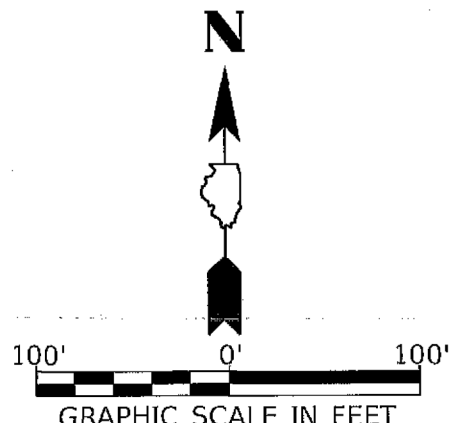
SE COR, SE 1/4 SEC 17  
 BRASS DISK (FOUND)  
 STA 63+26.87, 0.69' LT



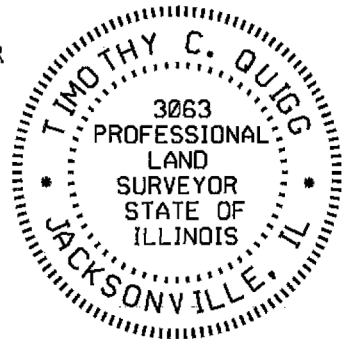
SW COR, SW 1/4, SEC 17  
 BRASS DISK (FOUND)



P.O.B. TRACT B  
 S 1/4 COR, SEC 17  
 PK NAIL (FOUND)  
 STA 36+60.27, 0.00' LT



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*Timothy C. Quigg* 12/21/23  
 TIMOTHY C. QUIGG  
 PROFESSIONAL LAND SURVEYOR NO. 3063

EXPIRES: 11/30/2024

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  - = SECTION LINE
  - - - - - = EXISTING R.O.W. LINE
  - ..... = REQUIRED R.O.W.

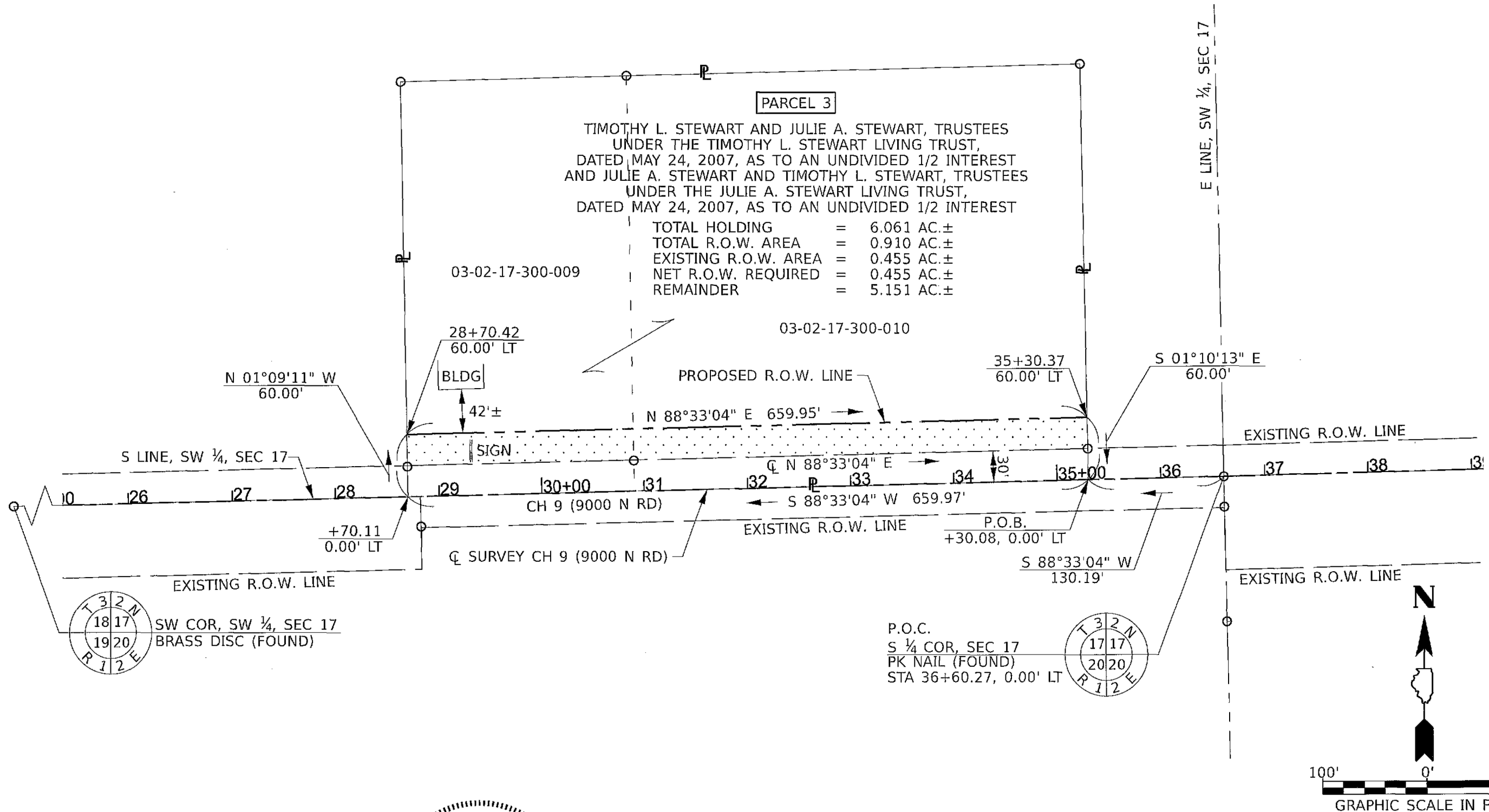
HUTCHISON ENGINEERING, INC  
 1801 W LAFAYETTE AVE  
 PO BOX 820  
 JACKSONVILLE, IL 62650  
 ILLINOIS PROFESSIONAL DESIGN  
 FIRM NO. 184-000825

RIGHT OF WAY PLAT	
PARCEL	2B
ROUTE	CH 9 (9000N ROAD)
SECTION	08-00286-00-FP
STATION	35+30.37 TO 39+24.31
COUNTY	KANKAKEE
SCALE	1"=100'
SHEET NO.	2 OF 2

NOTES:

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

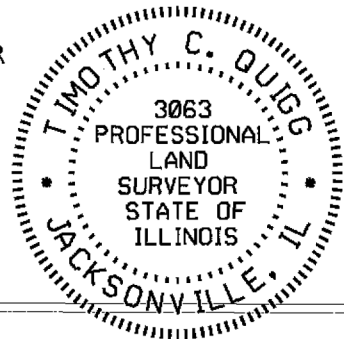
SW 1/4, SEC 17, T 32 N, R 12 E, 3RD PM



**PARCEL 3**  
 TIMOTHY L. STEWART AND JULIE A. STEWART, TRUSTEES  
 UNDER THE TIMOTHY L. STEWART LIVING TRUST,  
 DATED MAY 24, 2007, AS TO AN UNDIVIDED 1/2 INTEREST  
 AND JULIE A. STEWART AND TIMOTHY L. STEWART, TRUSTEES  
 UNDER THE JULIE A. STEWART LIVING TRUST,  
 DATED MAY 24, 2007, AS TO AN UNDIVIDED 1/2 INTEREST

TOTAL HOLDING	=	6.061 AC.±
TOTAL R.O.W. AREA	=	0.910 AC.±
EXISTING R.O.W. AREA	=	0.455 AC.±
NET R.O.W. REQUIRED	=	0.455 AC.±
REMAINDER	=	5.151 AC.±

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*Timothy C. Quigg* 12/13/23  
 TIMOTHY C. QUIGG  
 PROFESSIONAL LAND SURVEYOR NO. 3063

EXPIRES: 11/30/2024

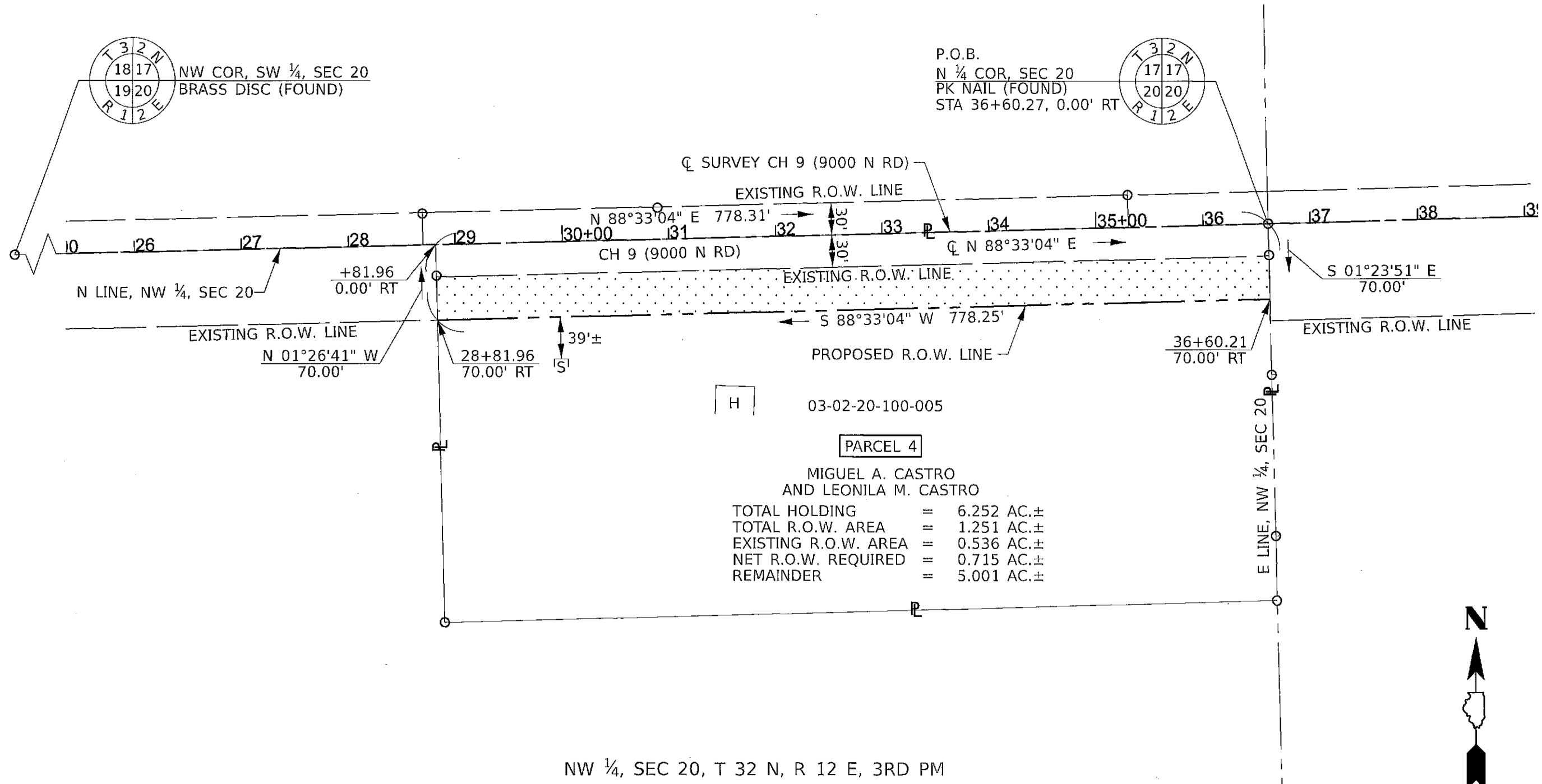
- LEGEND
- = PROPERTY LINE
  - - - - - = PROPOSED R.O.W. LINE
  - - - - - = SECTION LINE
  - = EXISTING R.O.W. LINE
  - ..... = REQUIRED R.O.W.

HUTCHISON ENGINEERING, INC  
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RIGHT OF WAY PLAT	
PARCEL	3
ROUTE	CH 9 (9000N ROAD)
SECTION	08-00286-00-FP
STATION	28+70.42 TO 35+30.37
COUNTY	KANKAKEE
SCALE	1"=100'
SHEET NO.	1 OF 1

NOTES:

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

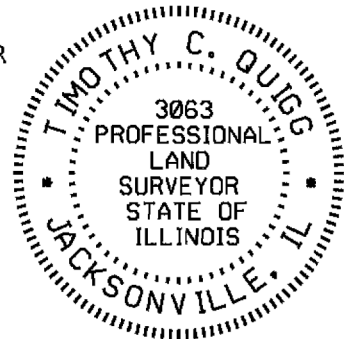


[H] 03-02-20-100-005  
**PARCEL 4**  
 MIGUEL A. CASTRO  
 AND LEONILA M. CASTRO  
 TOTAL HOLDING = 6.252 AC.±  
 TOTAL R.O.W. AREA = 1.251 AC.±  
 EXISTING R.O.W. AREA = 0.536 AC.±  
 NET R.O.W. REQUIRED = 0.715 AC.±  
 REMAINDER = 5.001 AC.±

NW 1/4, SEC 20, T 32 N, R 12 E, 3RD PM

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

TIMOTHY C. QUIGG  
 PROFESSIONAL LAND SURVEYOR NO. 3063



EXPIRES: 11/30/2024

- LEGEND
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  - = EXISTING R.O.W. LINE
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HUTCHISON ENGINEERING, INC  
 1801 W LAFAYETTE AVE  
 PO BOX 820  
 JACKSONVILLE, IL 62650  
 ILLINOIS PROFESSIONAL DESIGN  
 FIRM NO. 184-000825

RIGHT OF WAY PLAT	
PARCEL	4
ROUTE	CH 9 (9000N ROAD)
SECTION	08-00286-00-FP
STATION	28+81.96 TO 36+60.21
COUNTY	KANKAKEE
SCALE	1"=100'
SHEET NO.	1 OF 1

NOTES:

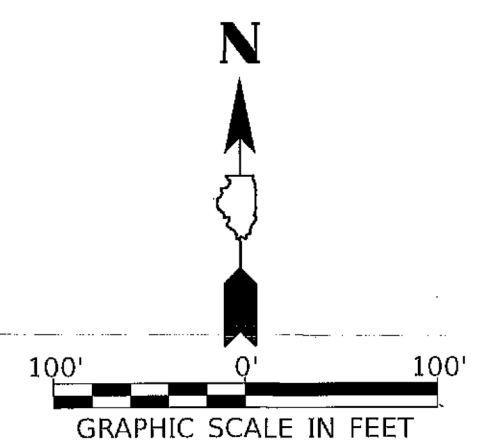
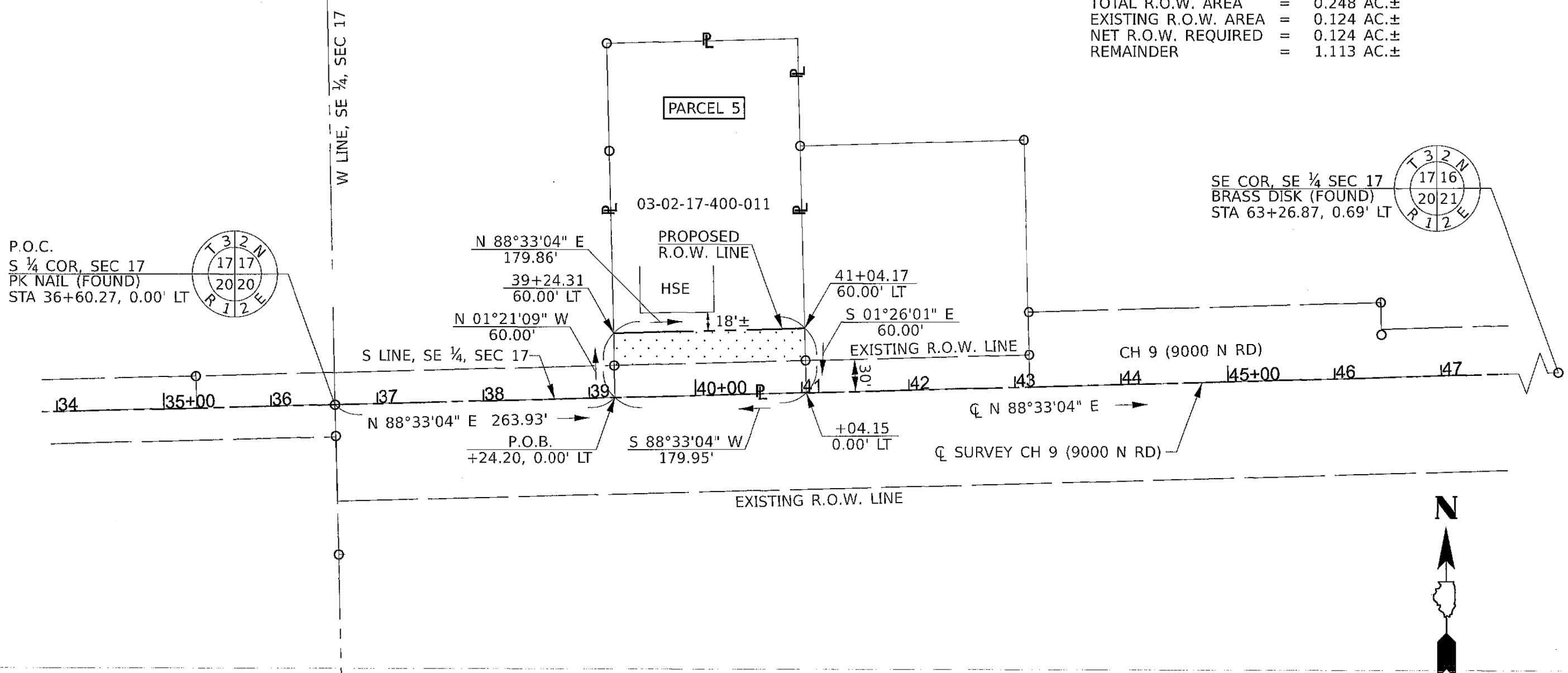
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (2011 ADJ) - EAST ZONE

SE 1/4, SEC 17, T 32 N, R 12 E, 3RD PM

**PARCEL 5**

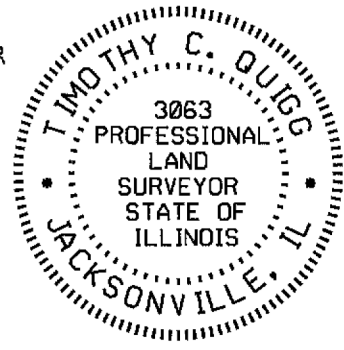
MARJORIE QUANTRELL  
AND CLARENCE W. QUANTRELL

TOTAL HOLDING	=	1.361 AC.±
TOTAL R.O.W. AREA	=	0.248 AC.±
EXISTING R.O.W. AREA	=	0.124 AC.±
NET R.O.W. REQUIRED	=	0.124 AC.±
REMAINDER	=	1.113 AC.±



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*Timothy C. Quigg* 12/18/23  
TIMOTHY C. QUIGG  
PROFESSIONAL LAND SURVEYOR NO. 3063



LEGEND

	= PROPERTY LINE
	= PROPOSED R.O.W. LINE
	= SECTION LINE
	= EXISTING R.O.W. LINE
	= REQUIRED R.O.W.

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

**RIGHT OF WAY PLAT**

PARCEL	<u>5</u>
ROUTE	<u>CH 9 (9000N ROAD)</u>
SECTION	<u>08-00286-00-FP</u>
STATION	<u>39+24.31 TO 41+04.17</u>
COUNTY	<u>KANKAKEE</u>
SCALE	<u>1"=100'</u>
SHEET NO.	<u>1 OF 1</u>

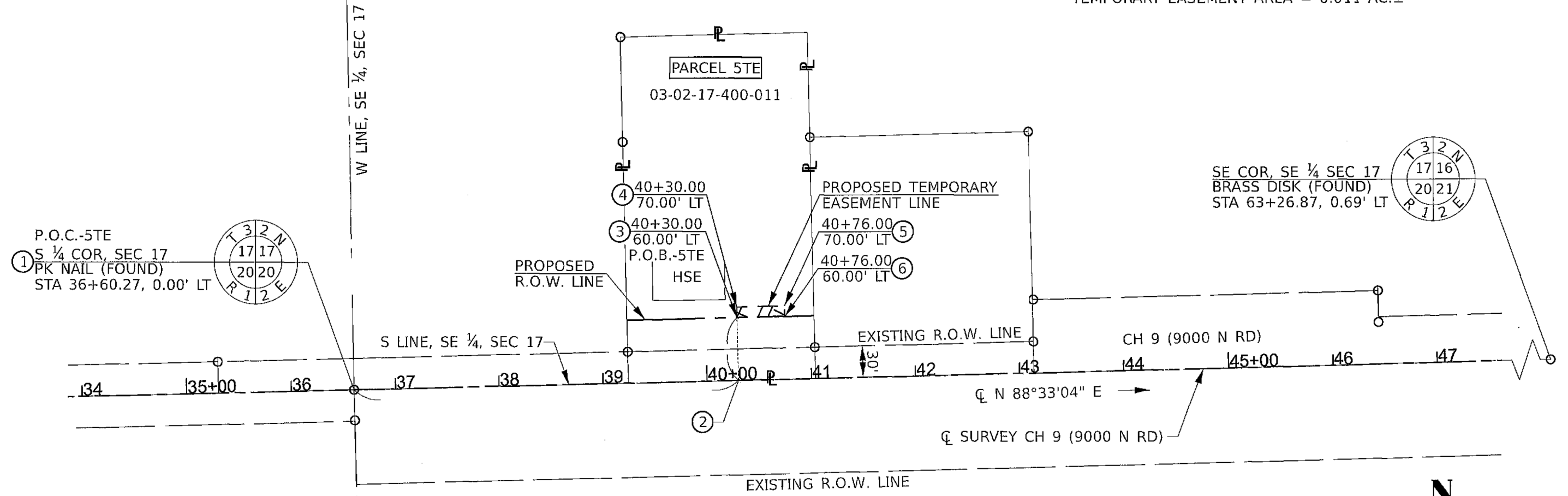
NOTES:

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

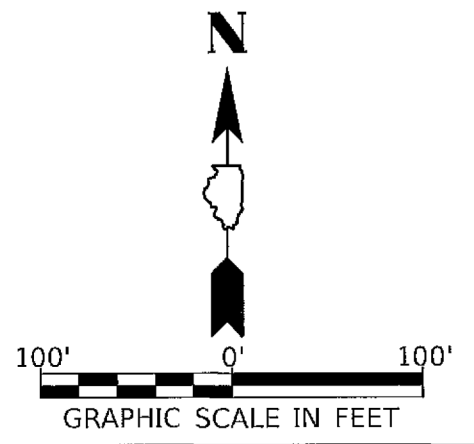
SE 1/4, SEC 17, T 32 N, R 12 E, 3RD PM

**PARCEL 5TE**

MARJORIE QUANTRELL  
AND CLARENCE W. QUANTRELL  
TE PURPOSE = GRADING  
TEMPORARY EASEMENT AREA = 0.011 AC.±

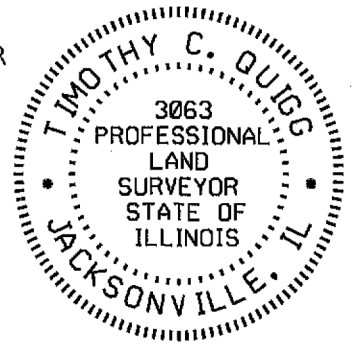


PARCEL 5TE		
PT TO PT	BEARING	DISTANCE
1 - 2	N 88°33'04" E	369.73'
2 - 3	N 01°26'56" W	60.00'
3 - 4	N 01°26'56" W	10.00'
4 - 5	N 88°33'04" E	46.00'
5 - 6	S 01°26'56" E	10.00'
6 - 1	S 88°33'04" W	46.00'



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*Timothy C. Quigg* 1/3/24  
TIMOTHY C. QUIGG  
PROFESSIONAL LAND SURVEYOR NO. 3063



EXPIRES: 11/30/2024

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  - - - - - = EXISTING R.O.W. LINE
  - ▨▨▨▨▨ = REQUIRED R.O.W.

HUTCHISON ENGINEERING, INC  
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ILLINOIS PROFESSIONAL DESIGN  
FIRM NO. 184-000825

**TEMPORARY EASEMENT PLAT**

PARCEL 5TE  
ROUTE CH 9 (9000N ROAD)  
SECTION 08-00286-00-FP  
STATION 40+30.00 TO 40+76.00  
COUNTY KANKAKEE  
SCALE 1"=100'  
SHEET NO. 1 OF 1

NOTES:

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

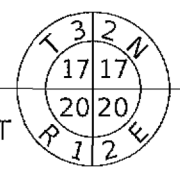
SE 1/4, SEC 17, T 32 N, R 12 E, 3RD PM

**PARCEL 6**

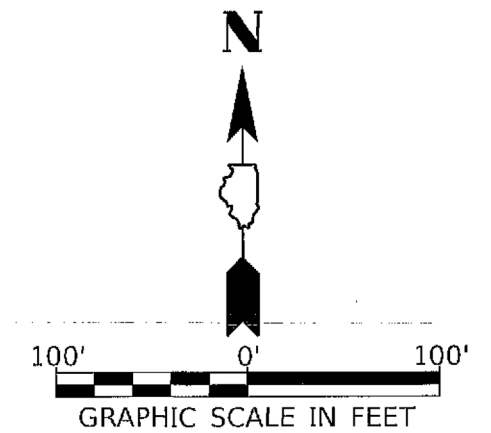
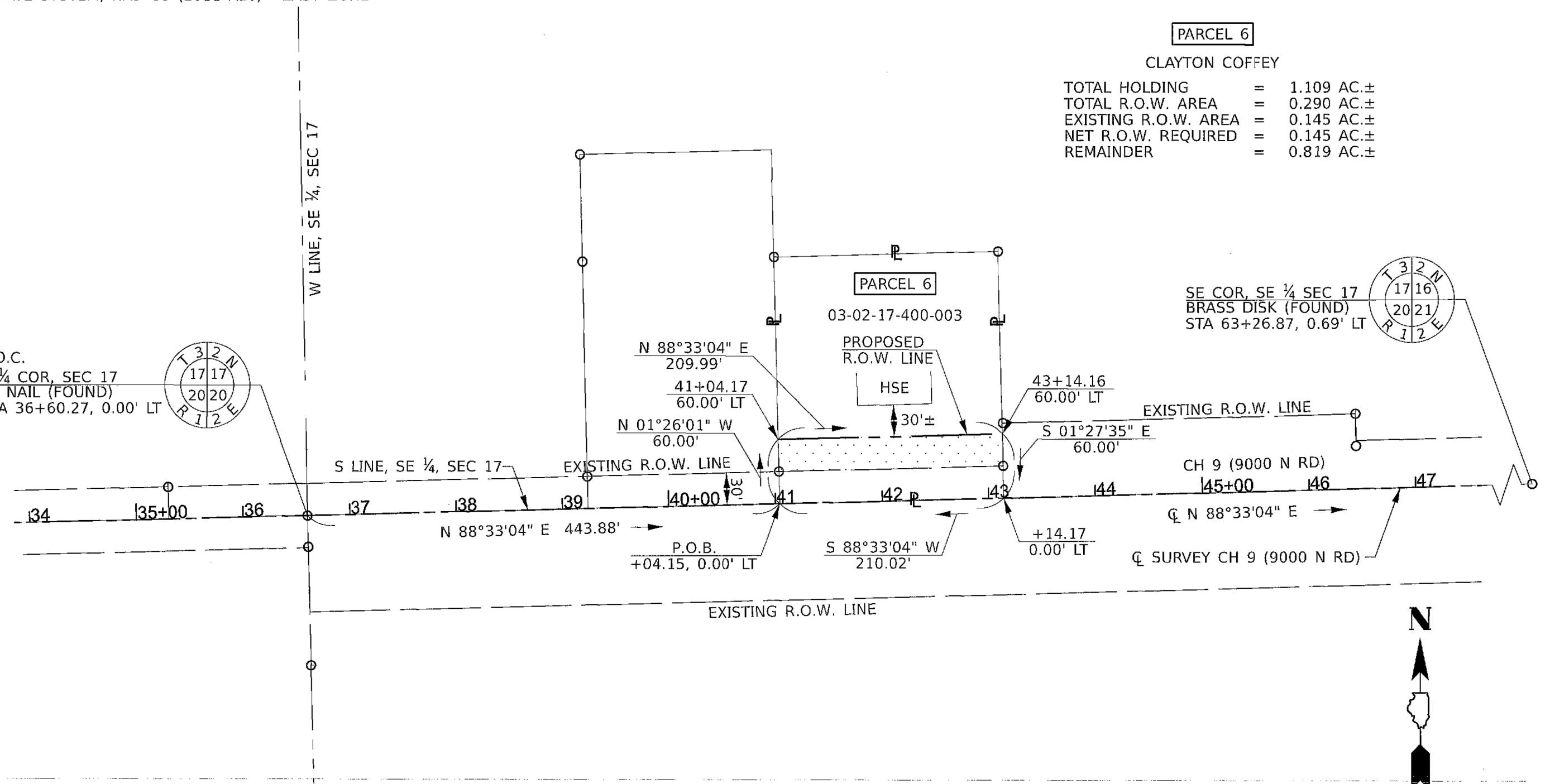
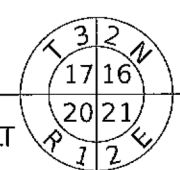
CLAYTON COFFEY

TOTAL HOLDING	=	1.109 AC.±
TOTAL R.O.W. AREA	=	0.290 AC.±
EXISTING R.O.W. AREA	=	0.145 AC.±
NET R.O.W. REQUIRED	=	0.145 AC.±
REMAINDER	=	0.819 AC.±

P.O.C.  
S 1/4 COR, SEC 17  
PK NAIL (FOUND)  
STA 36+60.27, 0.00' LT

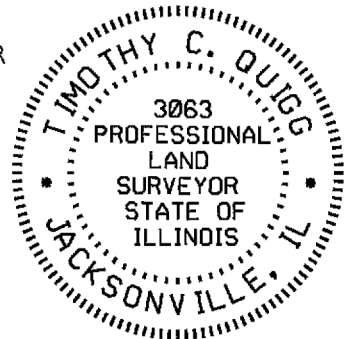


SE COR, SE 1/4 SEC 17  
BRASS DISK (FOUND)  
STA 63+26.87, 0.69' LT



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

*Timothy C. Quigg* 12/18/23  
TIMOTHY C. QUIGG  
PROFESSIONAL LAND SURVEYOR NO. 3063



EXPIRES: 11/30/2024

- LEGEND
- = PROPERTY LINE
  - - - - - = PROPOSED R.O.W. LINE
  - = SECTION LINE
  - = EXISTING R.O.W. LINE
  - ..... = REQUIRED R.O.W.

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

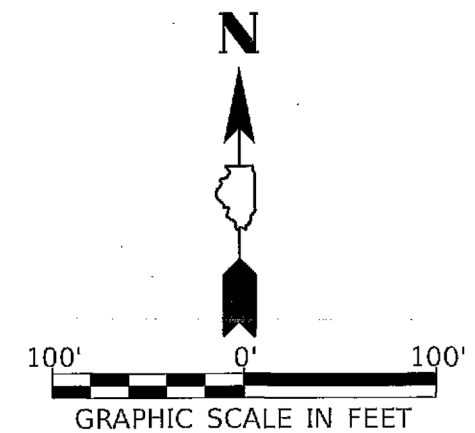
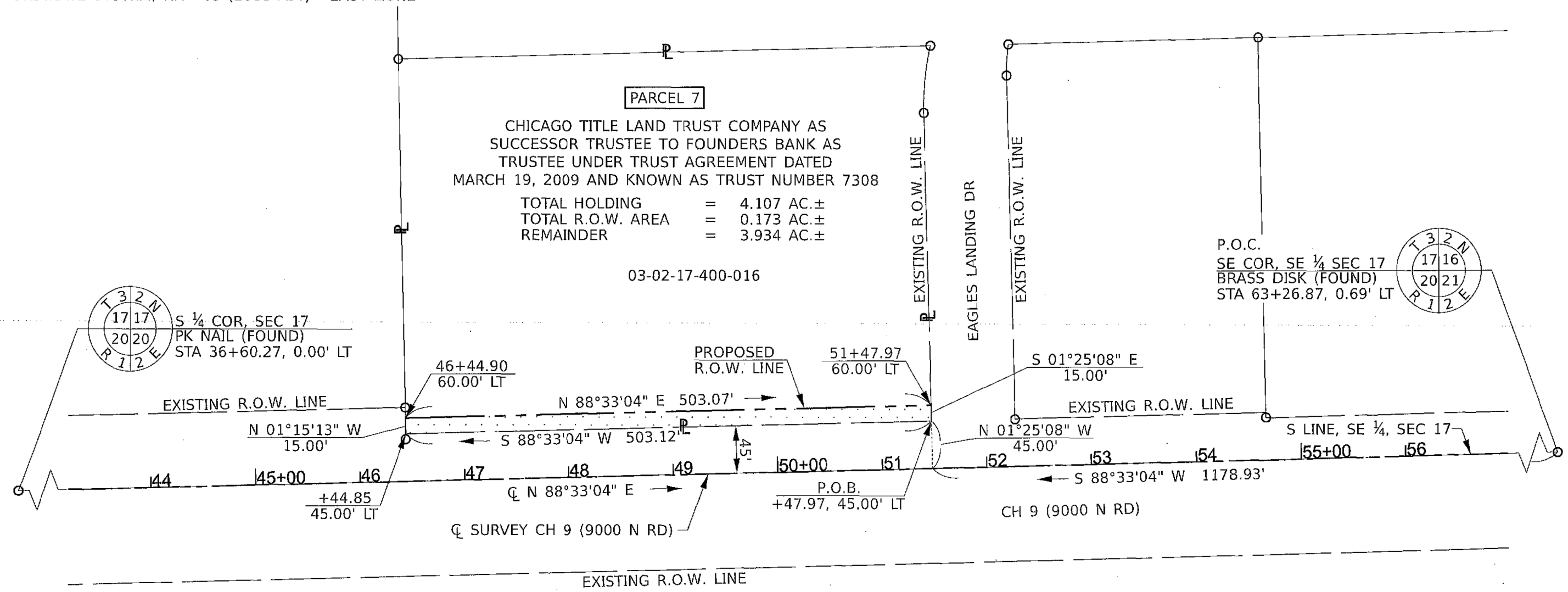
**RIGHT OF WAY PLAT**

PARCEL	<u>6</u>
ROUTE	<u>CH 9 (9000N ROAD)</u>
SECTION	<u>08-00286-00-FP</u>
STATION	<u>41+04.17 TO 43+14.16</u>
COUNTY	<u>KANKAKEE</u>
SCALE	<u>1"=100'</u>
SHEET NO.	<u>1 OF 1</u>

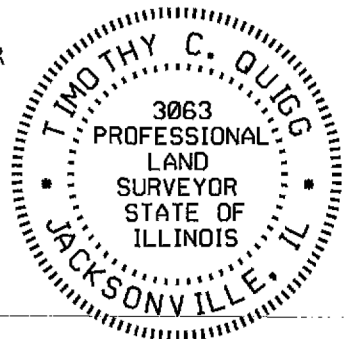
NOTES:

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

SE 1/4, SEC 17, T 32 N, R 12 E, 3RD PM



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



*Timothy C. Quigg* 12/21/23  
 TIMOTHY C. QUIGG  
 PROFESSIONAL LAND SURVEYOR NO. 3063

EXPIRES: 11/30/2024

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  - ▨ = REQUIRED R.O.W.

HUTCHISON ENGINEERING, INC  
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 ILLINOIS PROFESSIONAL DESIGN  
 FIRM NO. 184-000825

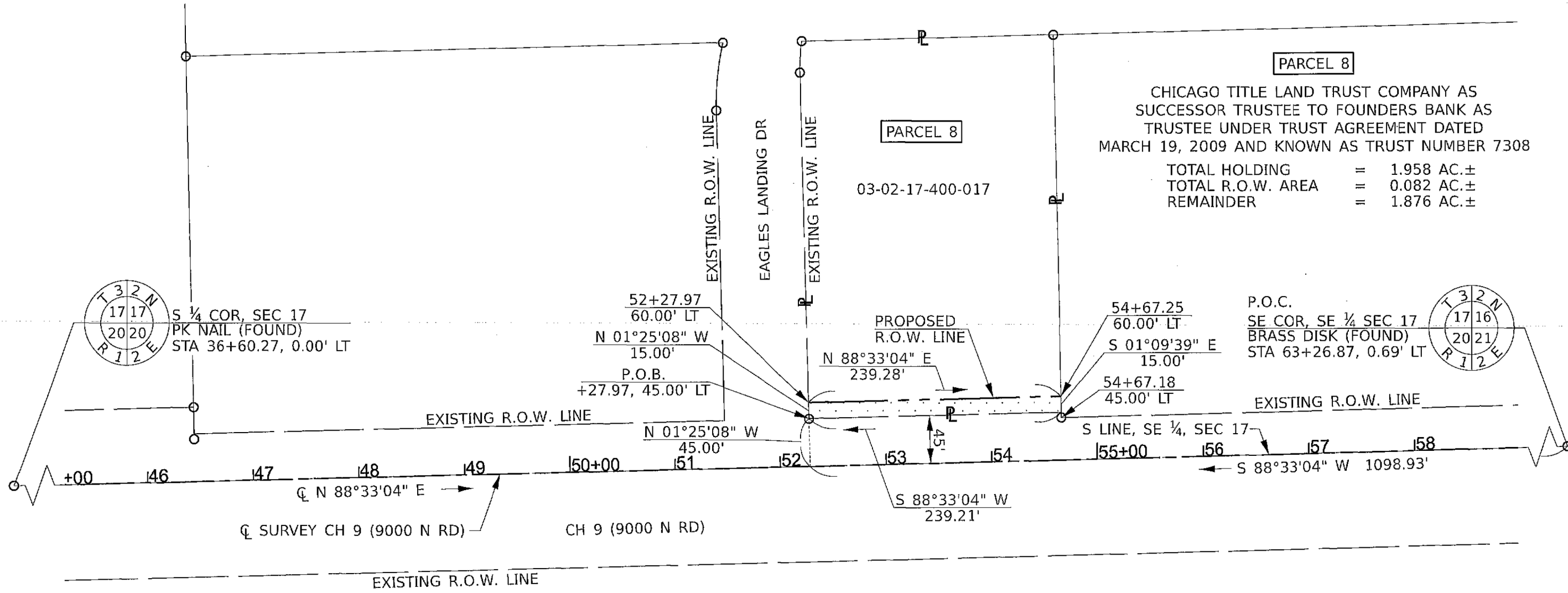
RIGHT OF WAY PLAT	
PARCEL	7
ROUTE	CH 9 (9000N ROAD)
SECTION	08-00286-00-FP
STATION	46+44.90 TO 51+47.97
COUNTY	KANKAKEE
SCALE	1"=100'
SHEET NO.	1 OF 1



NOTES:

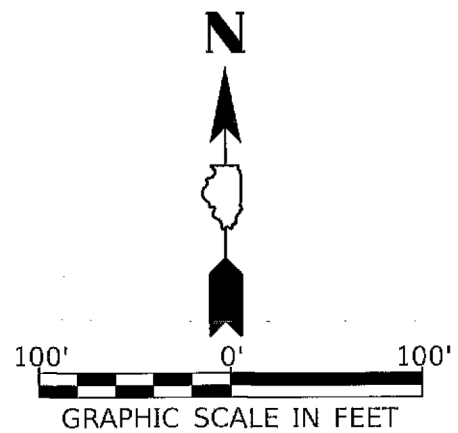
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (2011 ADJ) - EAST ZONE

SE 1/4, SEC 17, T 32 N, R 12 E, 3RD PM

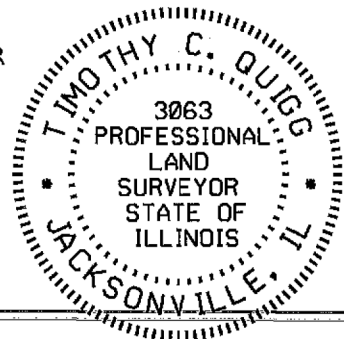


**PARCEL 8**  
 CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TRUSTEE TO FOUNDERS BANK AS TRUSTEE UNDER TRUST AGREEMENT DATED MARCH 19, 2009 AND KNOWN AS TRUST NUMBER 7308  
 TOTAL HOLDING = 1.958 AC.±  
 TOTAL R.O.W. AREA = 0.082 AC.±  
 REMAINDER = 1.876 AC.±

P.O.C.  
 SE COR, SE 1/4 SEC 17  
 BRASS DISK (FOUND)  
 STA 63+26.87, 0.69' LT



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*Timothy C. Quigg* 12/21/23  
 TIMOTHY C. QUIGG  
 PROFESSIONAL LAND SURVEYOR NO. 3063

EXPIRES: 11/30/2024

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  - = SECTION LINE
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  - ▨▨▨▨▨ = REQUIRED R.O.W.

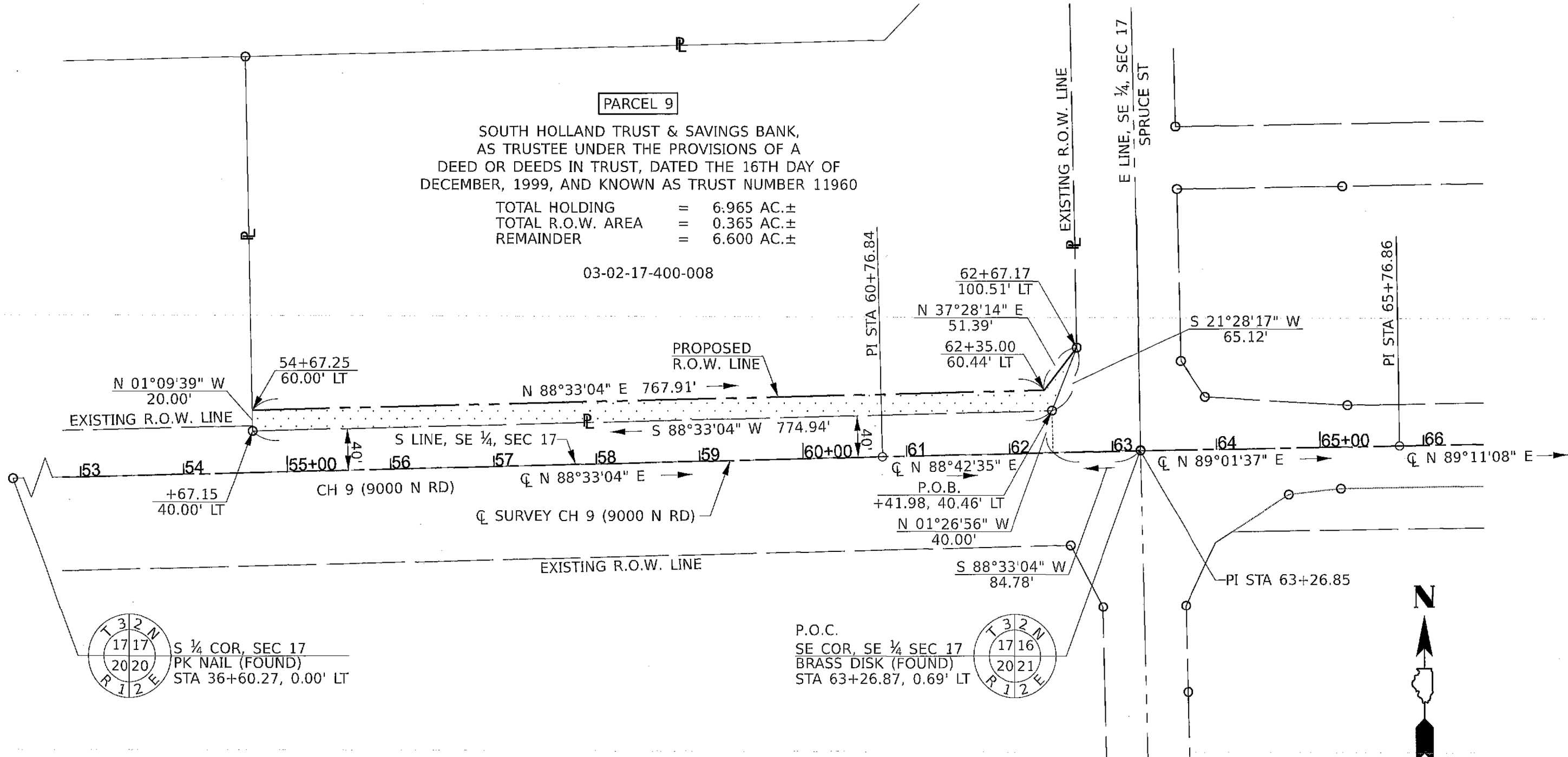
HUTCHISON ENGINEERING, INC  
 1801 W LAFAYETTE AVE  
 PO BOX 820  
 JACKSONVILLE, IL 62650  
 ILLINOIS PROFESSIONAL DESIGN  
 FIRM NO. 184-000825

RIGHT OF WAY PLAT	
PARCEL	8
ROUTE	CH 9 (9000N ROAD)
SECTION	08-00286-00-FP
STATION	52+27.97 TO 54+67.25
COUNTY	KANKAKEE
SCALE	1"=100'
SHEET NO.	1 OF 1

NOTES:

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

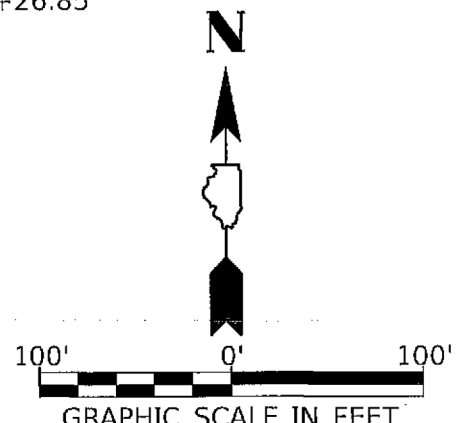
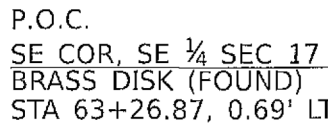
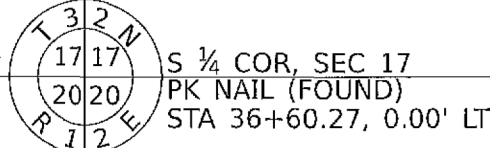
SE 1/4, SEC 17, T 32 N, R 12 E, 3RD PM



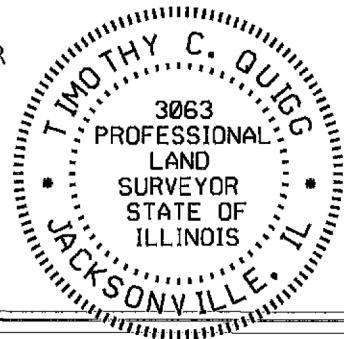
**PARCEL 9**  
 SOUTH HOLLAND TRUST & SAVINGS BANK,  
 AS TRUSTEE UNDER THE PROVISIONS OF A  
 DEED OR DEEDS IN TRUST, DATED THE 16TH DAY OF  
 DECEMBER, 1999, AND KNOWN AS TRUST NUMBER 11960

TOTAL HOLDING = 6.965 AC.±  
 TOTAL R.O.W. AREA = 0.365 AC.±  
 REMAINDER = 6.600 AC.±

03-02-17-400-008



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



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HUTCHISON ENGINEERING, INC  
 1801 W LAFAYETTE AVE  
 PO BOX 820  
 JACKSONVILLE, IL 62650

ILLINOIS PROFESSIONAL DESIGN  
 FIRM NO. 184-000825

RIGHT OF WAY PLAT	
PARCEL	9
ROUTE	CH 9 (9000N ROAD)
SECTION	08-00286-00-FP
STATION	54+67.25 TO 62+67.17
COUNTY	KANKAKEE
SCALE	1"=100'
SHEET NO.	1 OF 1

*Timothy C. Quigg* 12/21/23  
 TIMOTHY C. QUIGG  
 PROFESSIONAL LAND SURVEYOR NO. 3063

EXPIRES: 11/30/2024

NOTES:

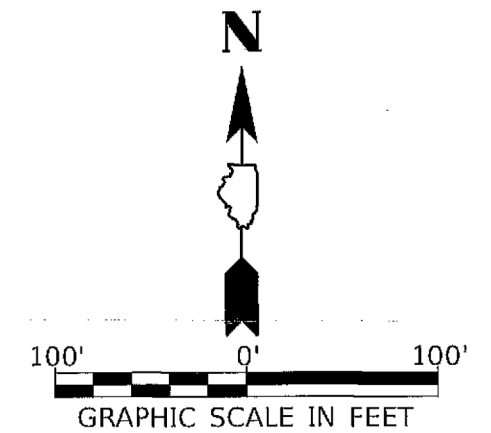
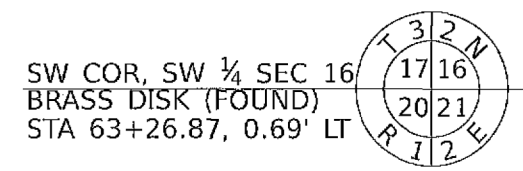
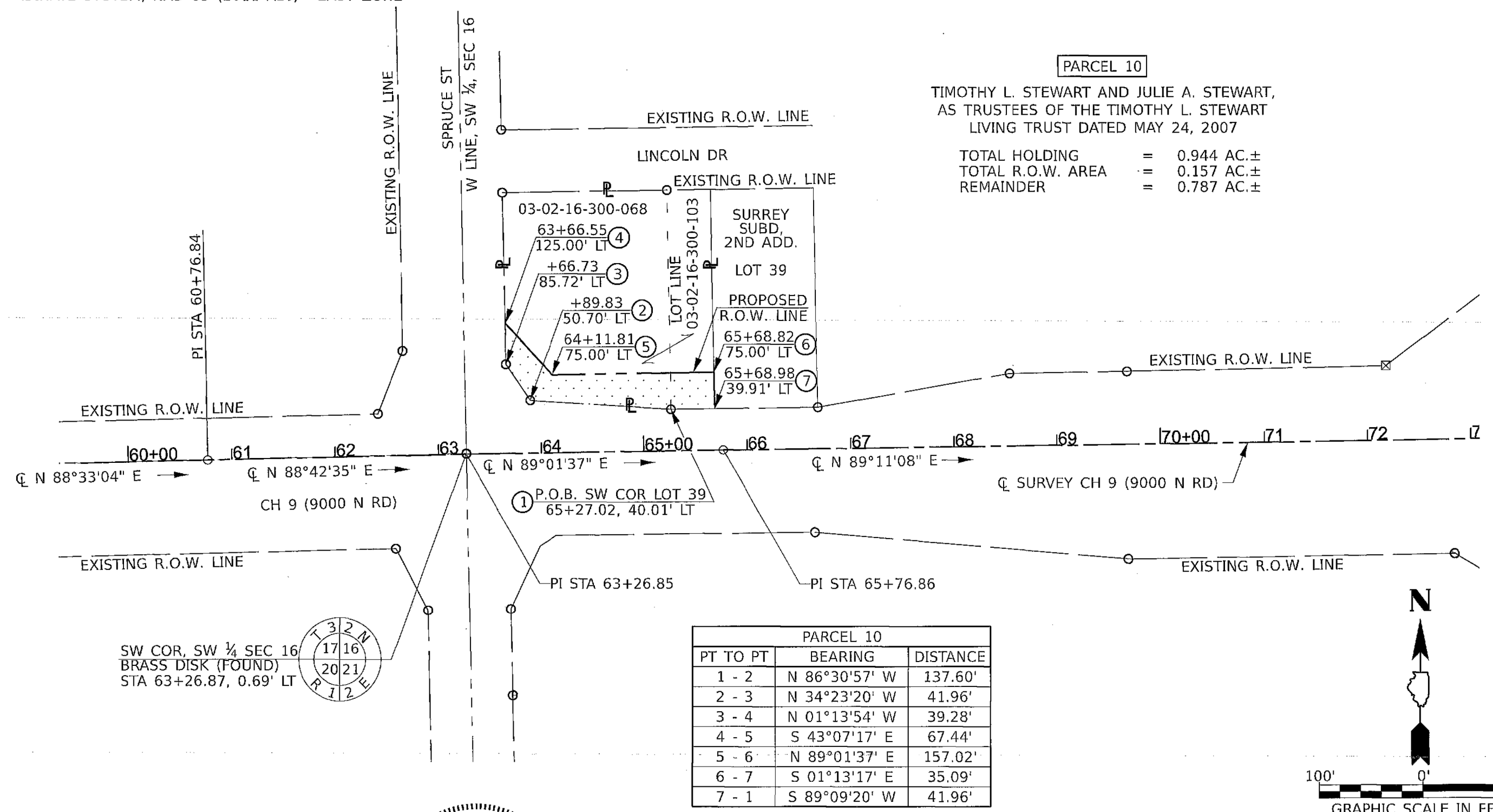
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (2011 ADJ) - EAST ZONE

SW 1/4, SEC 16, T 32 N, R 12 E, 3RD PM

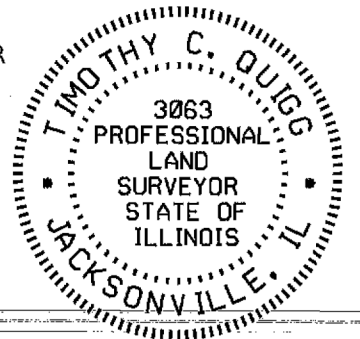
**PARCEL 10**

TIMOTHY L. STEWART AND JULIE A. STEWART,  
AS TRUSTEES OF THE TIMOTHY L. STEWART  
LIVING TRUST DATED MAY 24, 2007

TOTAL HOLDING = 0.944 AC.±  
TOTAL R.O.W. AREA = 0.157 AC.±  
REMAINDER = 0.787 AC.±



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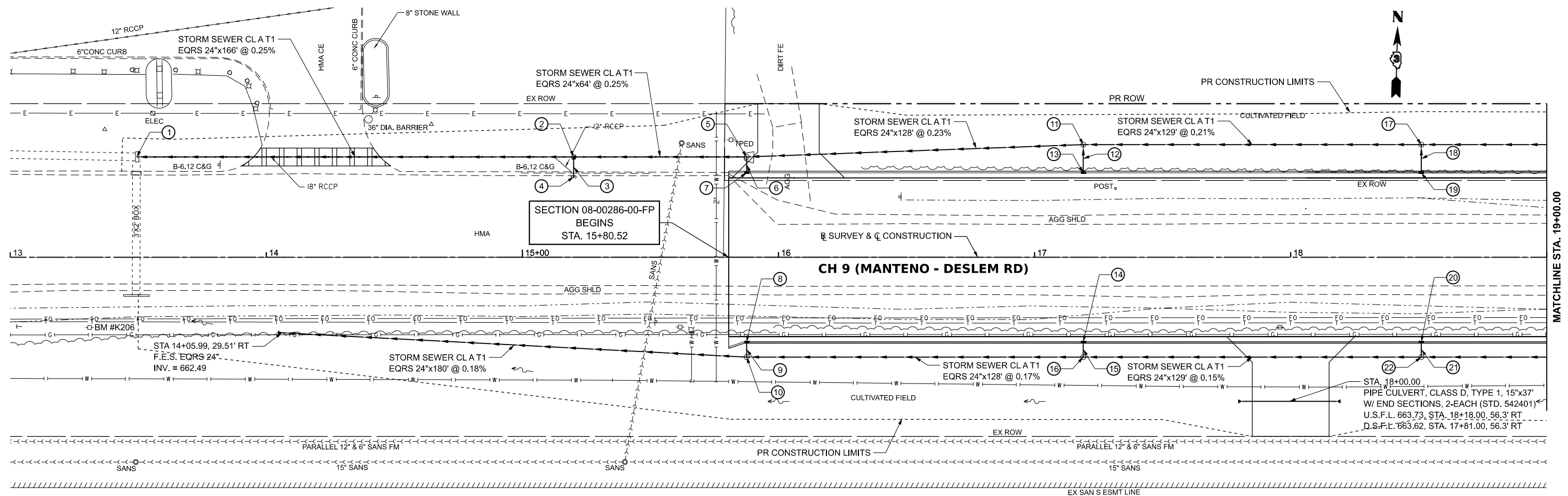
*Timothy C. Quigg* 12/21/23  
TIMOTHY C. QUIGG  
PROFESSIONAL LAND SURVEYOR NO. 3063

EXPIRES: 11/30/2024

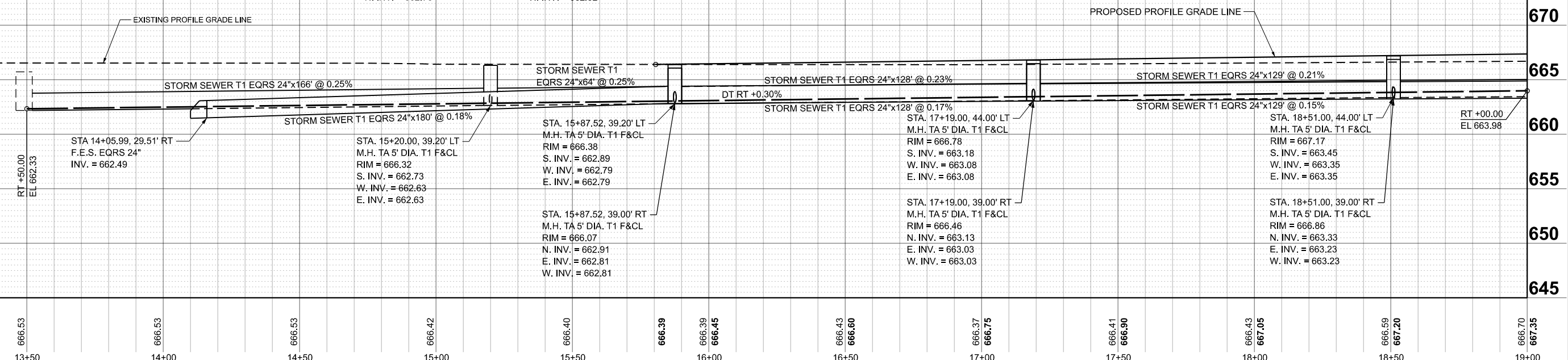
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ILLINOIS PROFESSIONAL DESIGN  
FIRM NO. 184-000825

RIGHT OF WAY PLAT	
PARCEL	10
ROUTE	CH 9 (9000N ROAD)
SECTION	08-00286-00-FP
STATION	63+66.55 TO 65+68.98
COUNTY	KANKAKEE
SCALE	1"=100'
SHEET NO.	1 OF 1



685	BM #K206 - U.S.C. & G.S. TABLE ON EAST SIDE OF HEAD WALL ACROSS FROM GAS CITY 15'± RT. STA. 13+53± ELEV. 666.86	① STA. 13±49.13, 39.20' LT EX M.H. #6' DIA. T8G EX RIM = 665.71 EX S. INV. = 662.21 EX W. INV. = 662.17 EX E. INV. = 663.37 PR E. INV. = 662.21	② STA. 15±20.00, 39.20' LT M.H. TA 5' DIA. T1 F&CL W/ F.S.T. (STD. 602601) RIM = 666.32 F.S.T. = 665.65 S. INV. = 662.73 W. INV. = 662.63 E. INV. = 662.63	⑤ STA. 15±87.52, 39.20' LT M.H. TA 5' DIA. T1 F&CL W/ F.S.T. (STD. 6024601) RIM = 666.38 F.S.T. = 665.71 S. INV. = 662.89 W. INV. = 662.79 E. INV. = 662.79	⑧ STA. 15±87.52, 33.00' RT INLET TA T24 F&G RIM = 665.68 S. INV. = 662.94	⑪ STA. 17±19.00, 44.00' LT M.H. TA 5' DIA. T1 F&CL W/ F.S.T. (STD. 602601) RIM = 666.78 F.S.T. = 666.11 S. INV. = 663.18 W. INV. = 663.08 E. INV. = 663.08	⑭ STA. 17±19.00, 33.00' RT INLET TA T24 F&G RIM = 666.07 S. INV. = 663.16	⑰ STA. 18±51.00, 44.00' LT M.H. TA 5' DIA. T1 F&CL W/ F.S.T. (STD. 602601) RIM = 667.17 F.S.T. = 666.50 S. INV. = 663.45 W. INV. = 663.35 E. INV. = 663.35	⑳ STA. 18±51.00, 33.00' RT INLET TA T24 F&G RIM = 666.47 S. INV. = 663.36
680					⑨ STORM SEWER CL A T1 12"x3' @ 1.00%	⑫ STORM SEWER CL A T1 12"x8' @ 1.00%	⑮ STORM SEWER CL A T1 12"x3' @ 1.00%	⑱ STORM SEWER CL A T1 12"x8' @ 1.00%	㉑ STORM SEWER CL A T1 12"x3' @ 1.00%
675			③ STORM SEWER CL A T1 12"x5' @ 1.00%	⑥ STORM SEWER CL A T1 12"x3' @ 1.00%	⑩ STA. 15±87.52, 39.00' RT M.H. TA 5' DIA. T1 F&CL W/ F.S.T. (STD 602601) RIM = 666.07 F.S.T. = 665.40 N. INV. = 662.91 E. INV. = 662.81 W. INV. = 662.81	⑬ STA. 17±19.00, 33.00' LT INLET TA T24 F&G RIM = 666.07 N. INV. = 663.26	⑯ STA. 17±19.00, 39.00' RT M.H. TA 5' DIA. T1 F&CL W/ F.S.T. (STD 602601) RIM = 666.46 F.S.T. = 665.79 N. INV. = 663.13 E. INV. = 663.03 W. INV. = 663.03	㉒ STORM SEWER CL A T1 12"x3' @ 1.00%	
670			④ STA. 15±20.00, 32.0' LT INLET TA & REUSE EX T1 F&CL MATCH EX RIM = 665.36 N. INV. = 662.78	⑦ STA. 15±87.52, 33.00' LT INLET TA T24 F&G RIM = 665.68 N. INV. = 662.92					



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DRAWN	-
CHECKED	-
DATE	-

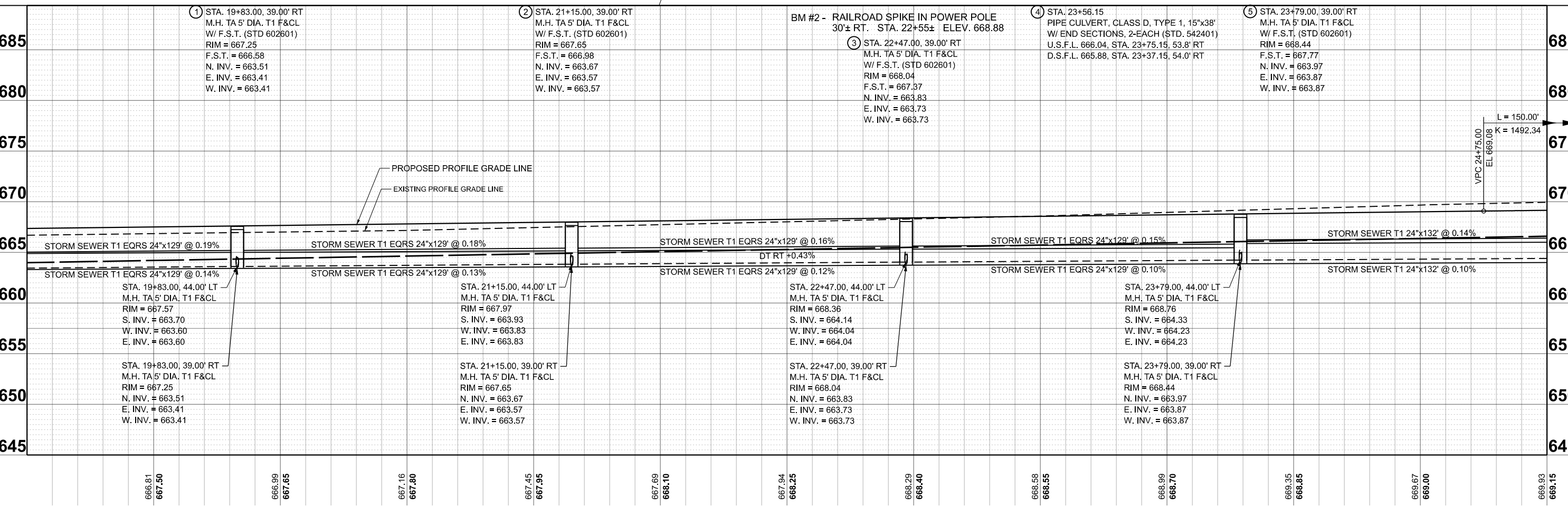
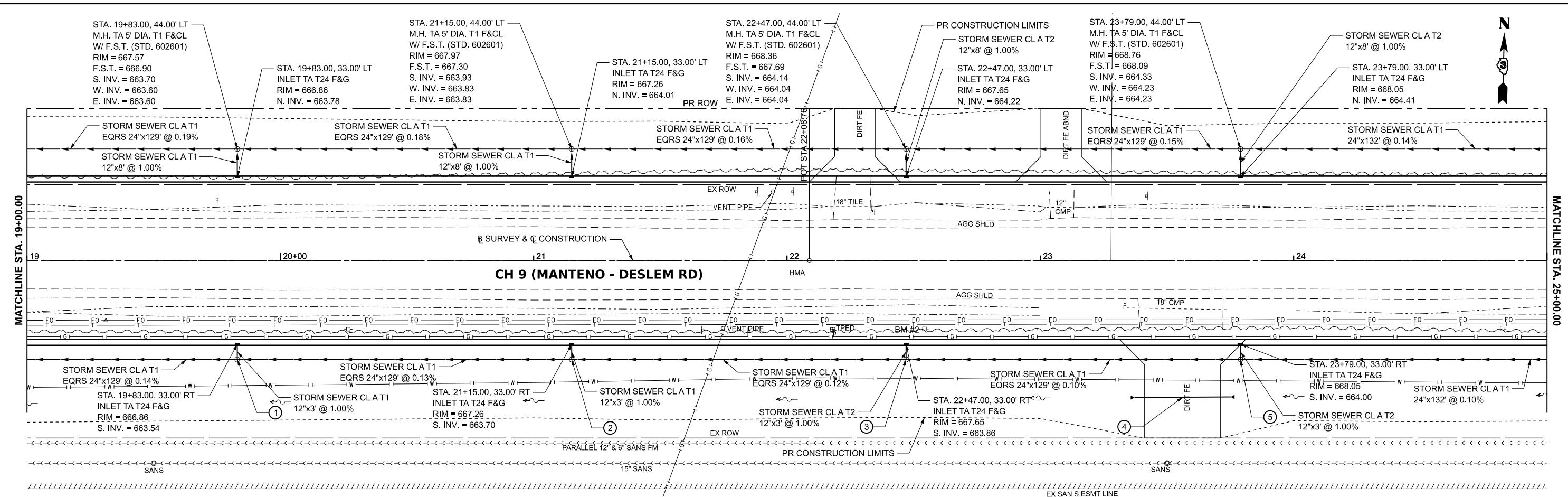
REVISION	-
REVISION	-
REVISION	-
REVISION	-

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
DRAINAGE PLAN AND PROFILE**

SCALE: H=20 V=5    SHEET 1 OF 10 SHEETS    STA. 13+00.00 TO STA. 19+00.00

F.A.S. RTE.	311	SECTION	08-00286-00-FP	COUNTY	KANKAKEE	TOTAL SHEETS	173	SHEET NO.	92
						CONTRACT NO. 87805			
ILLINOIS / FED. AID PROJECT									



① STA. 19+83.00, 39.00' RT M.H. TA 5' DIA. T1 F&CL W/ F.S.T. (STD 602601) RIM = 667.25 F.S.T. = 666.58 N. INV. = 663.51 E. INV. = 663.41 W. INV. = 663.41	② STA. 21+15.00, 39.00' RT M.H. TA 5' DIA. T1 F&CL W/ F.S.T. (STD 602601) RIM = 667.65 F.S.T. = 666.98 N. INV. = 663.67 E. INV. = 663.57 W. INV. = 663.57	BM #2 - RAILROAD SPIKE IN POWER POLE 30'± RT. STA. 22+55± ELEV. 668.88	③ STA. 22+47.00, 39.00' RT M.H. TA 5' DIA. T1 F&CL W/ F.S.T. (STD 602601) RIM = 668.04 F.S.T. = 667.37 N. INV. = 663.83 E. INV. = 663.73 W. INV. = 663.73	④ STA. 23+56.15 PIPE CULVERT, CLASS D, TYPE 1, 15'x38' W/ END SECTIONS, 2-EACH (STD. 542401) U.S.F.L. 666.04, STA. 23+75.15, 53.8' RT D.S.F.L. 665.88, STA. 23+37.15, 54.0' RT	⑤ STA. 23+79.00, 39.00' RT M.H. TA 5' DIA. T1 F&CL W/ F.S.T. (STD 602601) RIM = 668.44 F.S.T. = 667.77 N. INV. = 663.97 E. INV. = 663.87 W. INV. = 663.87
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666.81	667.50	666.99	667.65	667.16	667.80	667.45	667.95	667.69	668.10	667.94	668.25	668.29	668.40	668.58	668.55	668.99	668.70	669.35	668.85	669.67	669.00	669.93	669.15
19+50	20+00	20+50	21+00	21+50	22+00	22+50	23+00	23+50	24+00	24+50	25+00												

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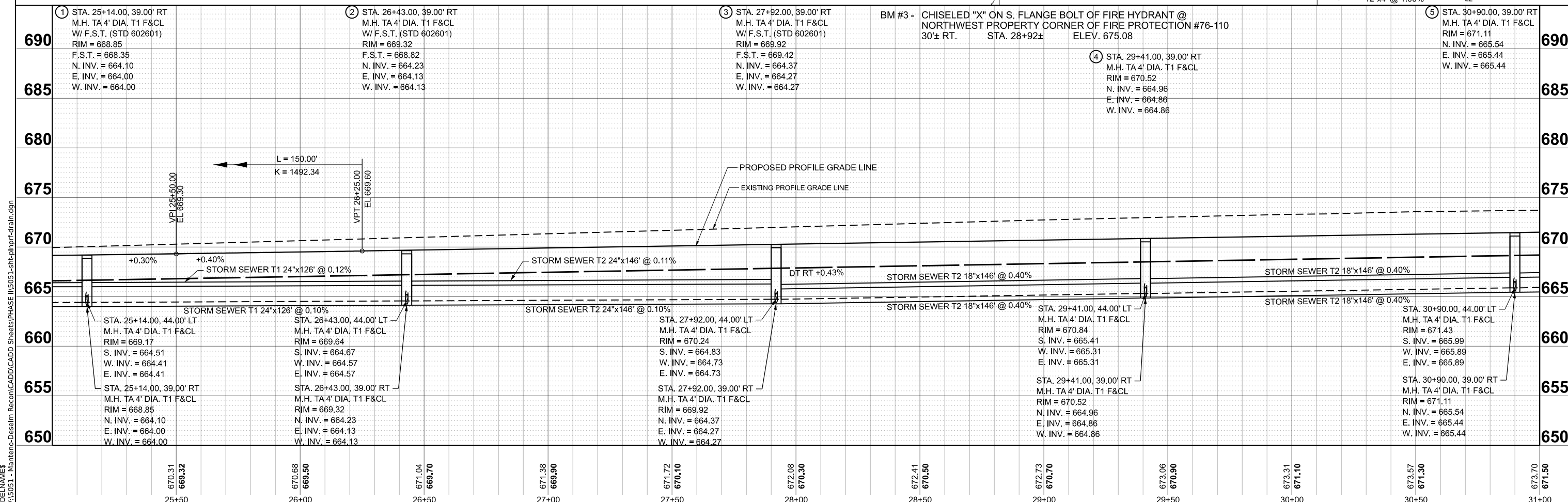
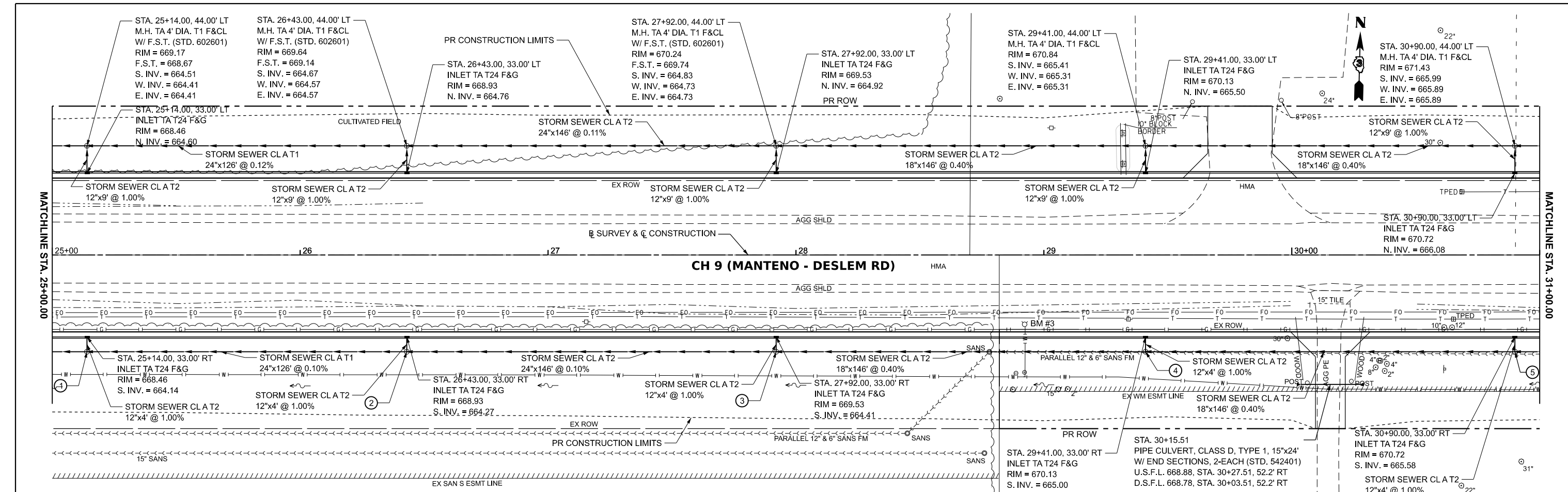
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PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
DRAINAGE PLAN AND PROFILE**

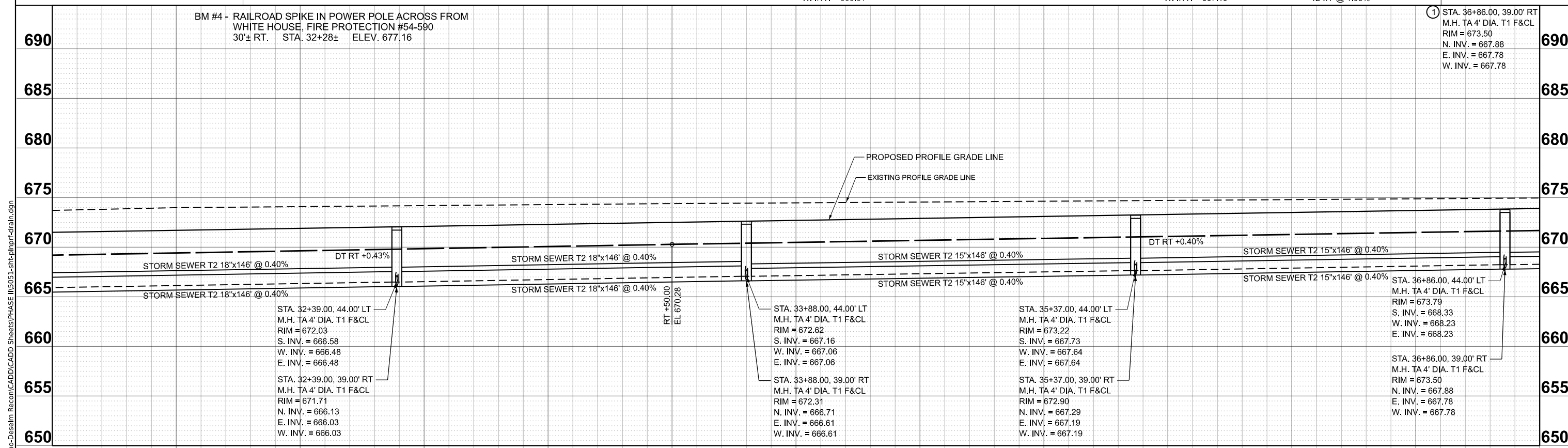
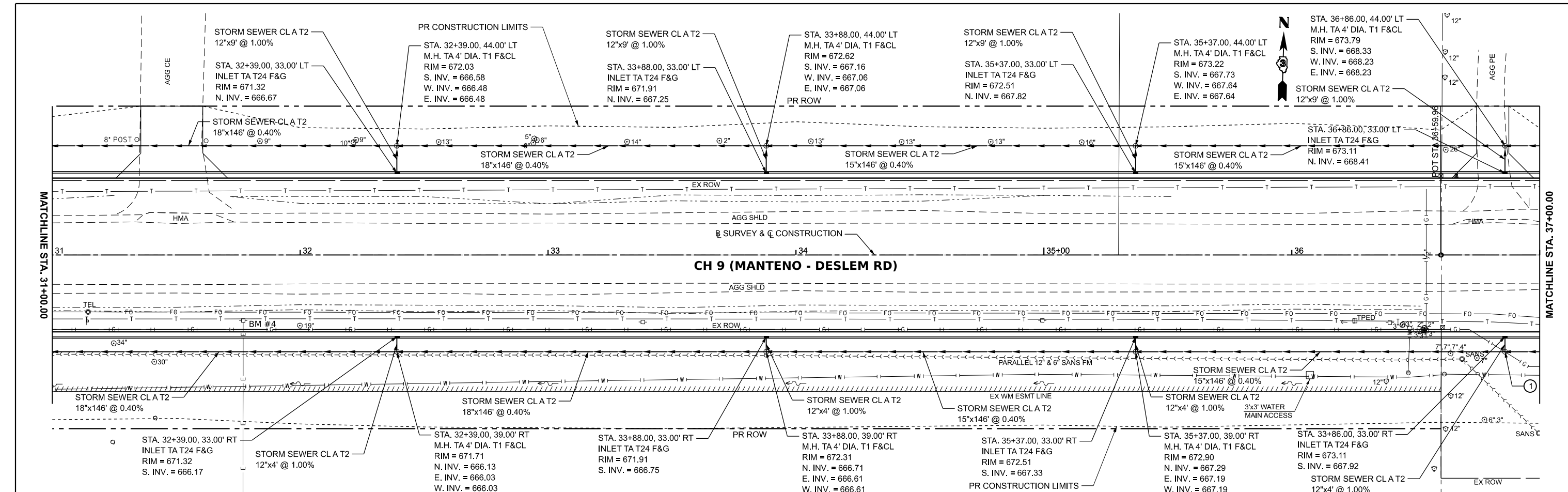
SCALE: H=20 V=5 SHEET 2 OF 10 SHEETS STA. 19+00.00 TO STA. 25+00.00

F.A.S. RTE. 311	SECTION 08-00286-00-FP	COUNTY KANKAKEE	TOTAL SHEETS 173	SHEET NO. 93
CONTRACT NO. 87805				
ILLINOIS / FED. AID PROJECT				



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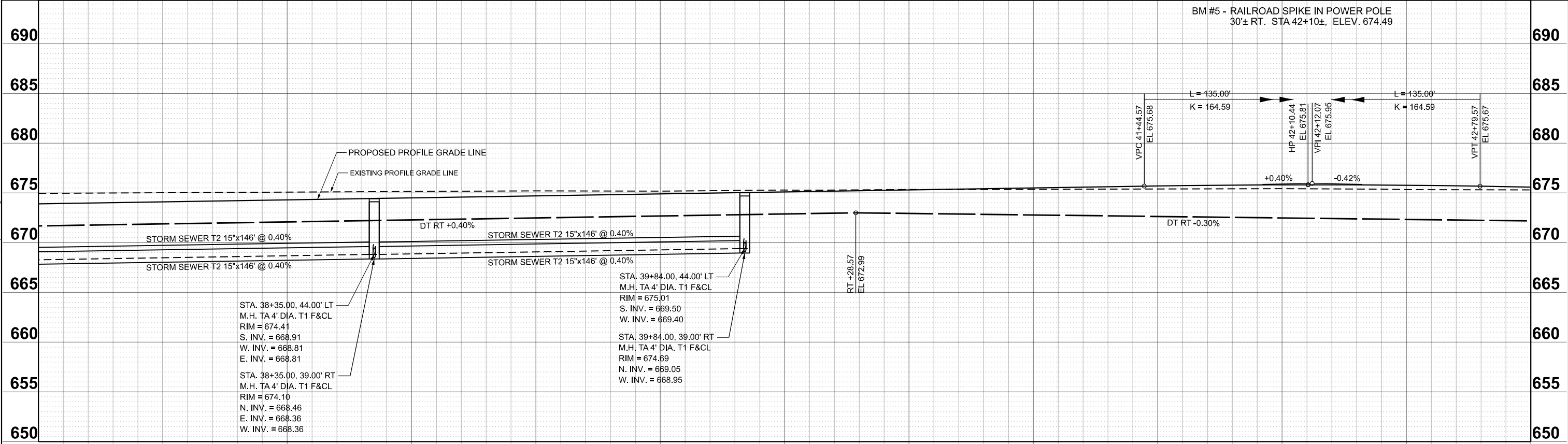
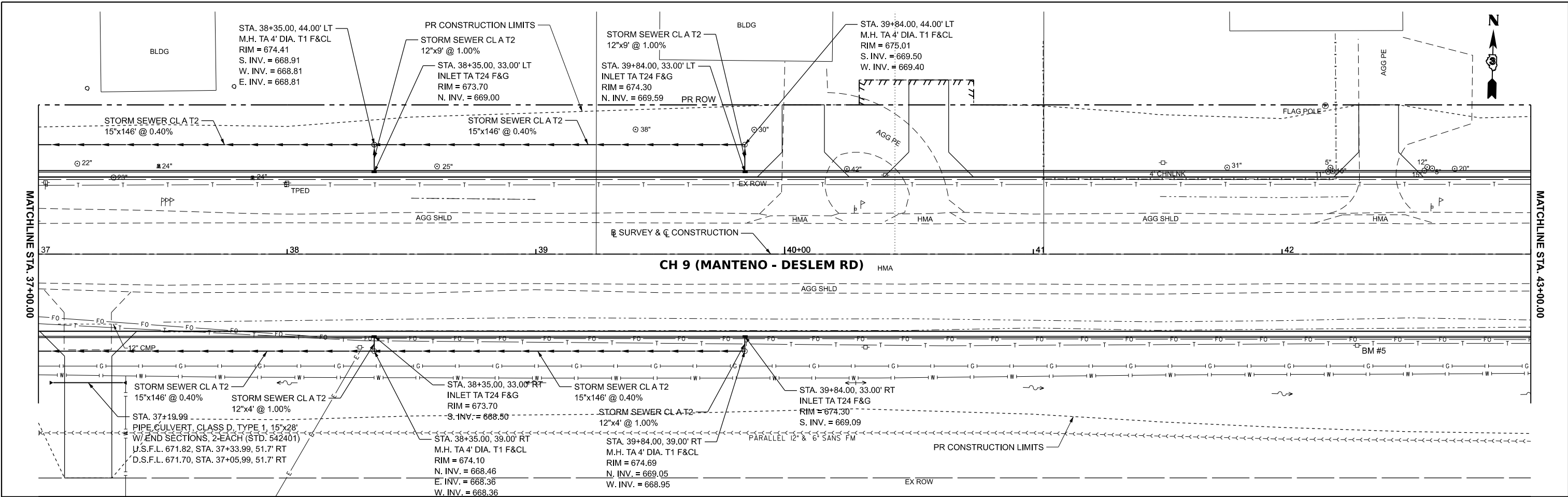
DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**KANKAKEE COUNTY  
 HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
 DRAINAGE PLAN AND PROFILE**

SCALE: H=20 V=5    SHEET 4 OF 10 SHEETS    STA. 31+00.00 TO STA. 37+00.00

F.A.S. RTE. 311	SECTION 08-00286-00-FP	COUNTY KANKAKEE	TOTAL SHEETS 173	SHEET NO. 95
CONTRACT NO. 87805				
ILLINOIS FED. AID PROJECT				

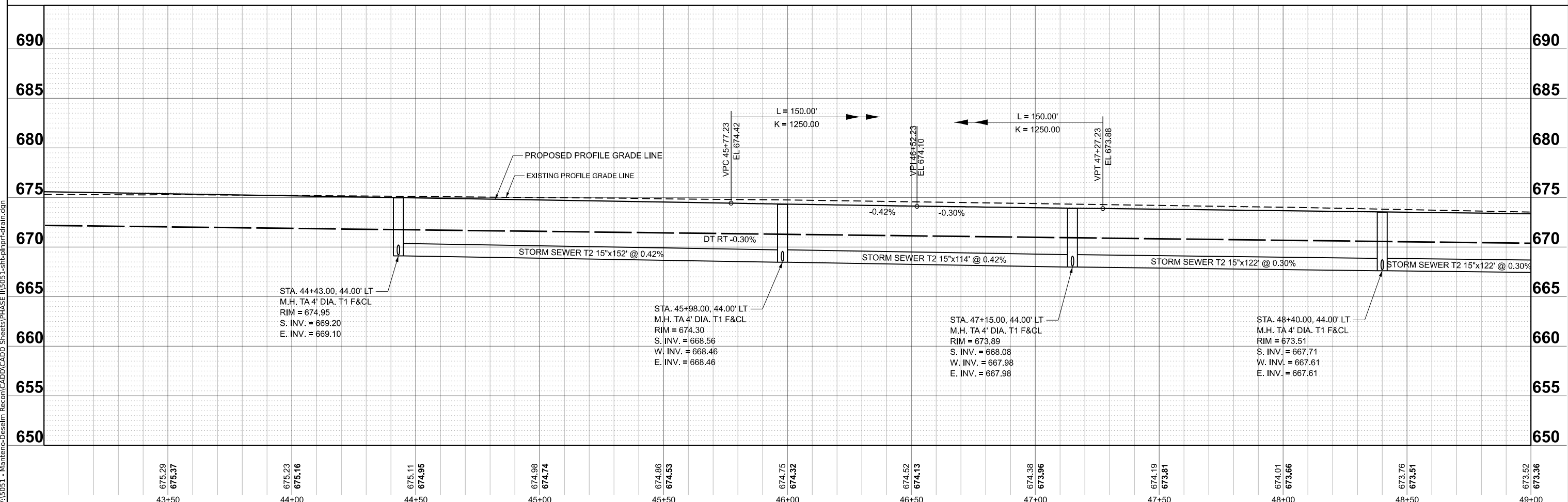
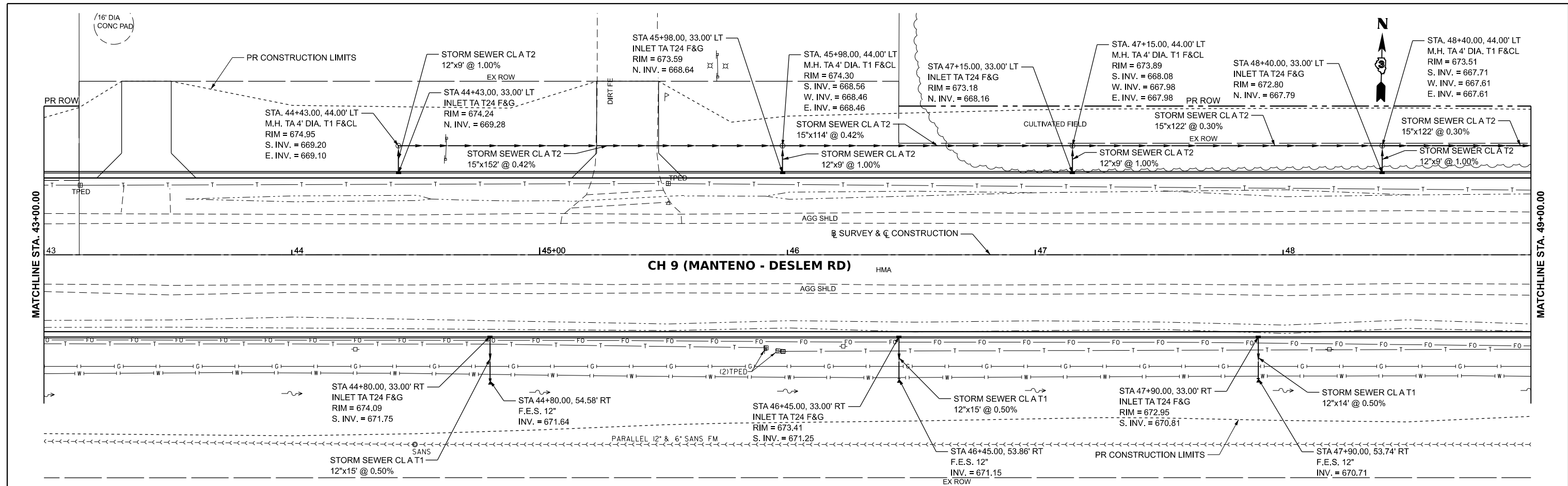


674.98 674.10	675.08 674.30	675.10 674.50	675.20 674.70	675.18 674.90	675.28 675.10	675.34 675.30	675.36 675.50	675.41 675.70	675.43 675.81	675.32 675.77	675.30 675.58
37+50	38+00	38+50	39+00	39+50	40+00	40+50	41+00	41+50	42+00	42+50	43+00

	USER NAME = BDeCrane	DESIGNED -	REVISED -	<b>KANKAKEE COUNTY HIGHWAY DEPARTMENT</b>	<b>CH 9 (MANTENO - DESELM RD) DRAINAGE PLAN AND PROFILE</b>	F.A.S. RTE. = 311	SECTION = 08-00286-00-FP	COUNTY = KANKAKEE	TOTAL SHEETS = 173	SHEET NO. = 96	
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -			SCALE: H=20 V=5	SHEET 5 OF 10 SHEETS	STA. 37+00.00 TO STA. 43+00.00	CONTRACT NO. 87805		ILLINOIS FED. AID PROJECT
	PLOT DATE = 3/21/2024	DATE -	REVISED -								

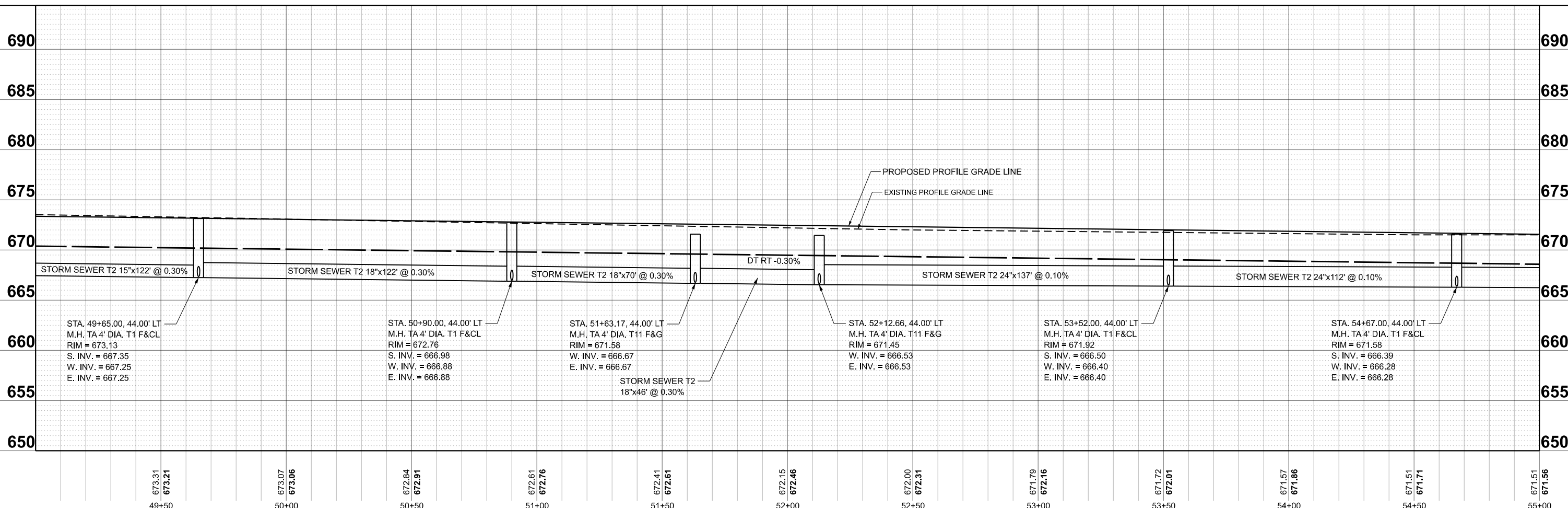
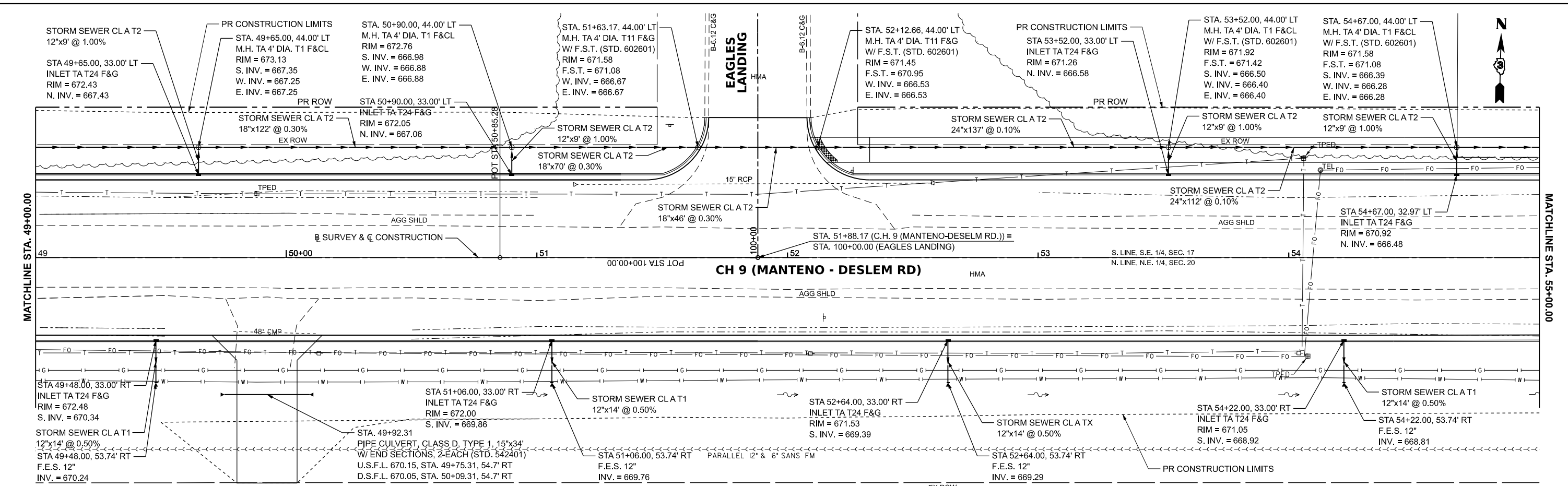
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43+50	675.29 675.37	44+00	675.23 675.16	44+50	675.11 674.95	45+00	674.98 674.74	45+50	674.86 674.53	46+00	674.75 674.32	46+50	674.52 674.13	47+00	674.38 673.96	47+50	674.19 673.81	48+00	674.01 673.66	48+50	673.76 673.51	49+00	673.52 673.36		
USER NAME = BDeCrane		DESIGNED -		REVISED -		DRAWN -		REVISED -		CHECKED -		REVISED -		DATE -		REVISED -		<b>KANKAKEE COUNTY HIGHWAY DEPARTMENT</b>				<b>CH 9 (MANTENO - DESLEM RD) DRAINAGE PLAN AND PROFILE</b>			
PLOT SCALE = 0.16666633' / In.		CHECKED -		REVISED -		DATE -		REVISED -		SCALE: H=20 V=5				SHEET 6 OF 10 SHEETS				F.A.S. RTE. 311 SECTION 08-00286-00-FP COUNTY KANKAKEE TOTAL SHEETS 173 SHEET NO. 97 CONTRACT NO. 87805							
PLOT DATE = 3/21/2024		DATE -		REVISED -						STA. 43+00.00 TO STA. 49+00.00				ILLINOIS / FED. AID PROJECT											



USER NAME = BDeCrane DESIGNED - DRAWN - CHECKED - DATE -	REVISIONS REVISED - REVISED - REVISED - REVISED -	<b>KANKAKEE COUNTY HIGHWAY DEPARTMENT</b>	<b>CH 9 (MANTENO - DESELM RD) DRAINAGE PLAN AND PROFILE</b>	F.A.S. RTE. 311 SECTION 08-00286-00-FP COUNTY KANKAKEE CONTRACT NO. 87805	TOTAL SHEETS 173 SHEET NO. 98 ILLINOIS FED. AID PROJECT
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USER NAME = BDeCrane  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISIONS  
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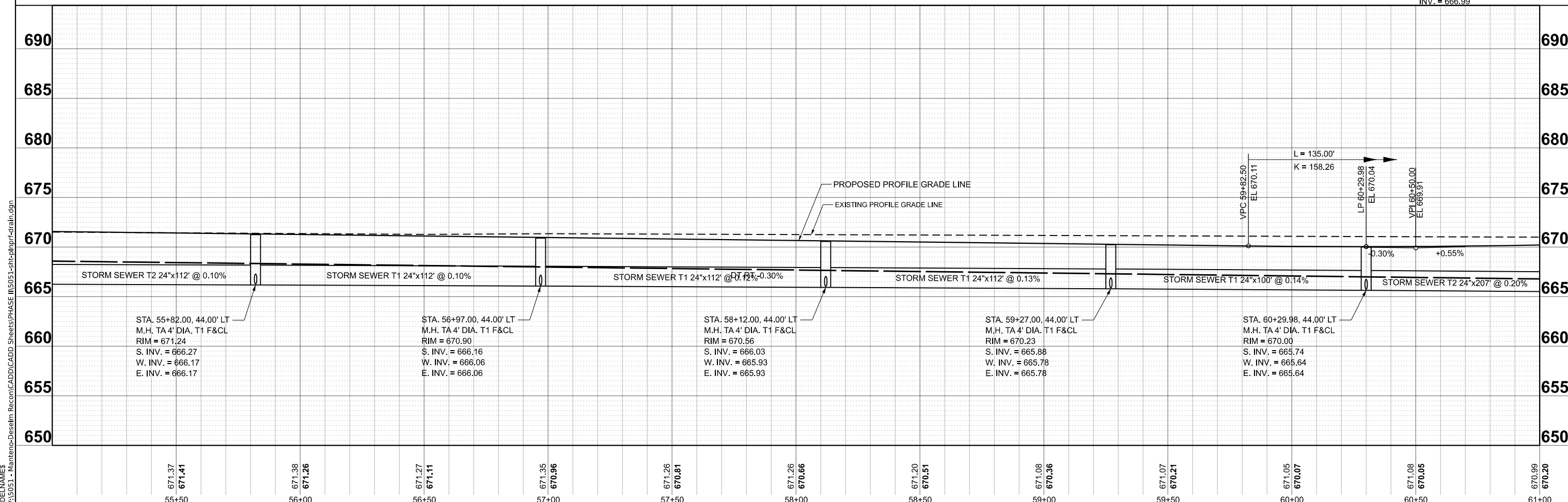
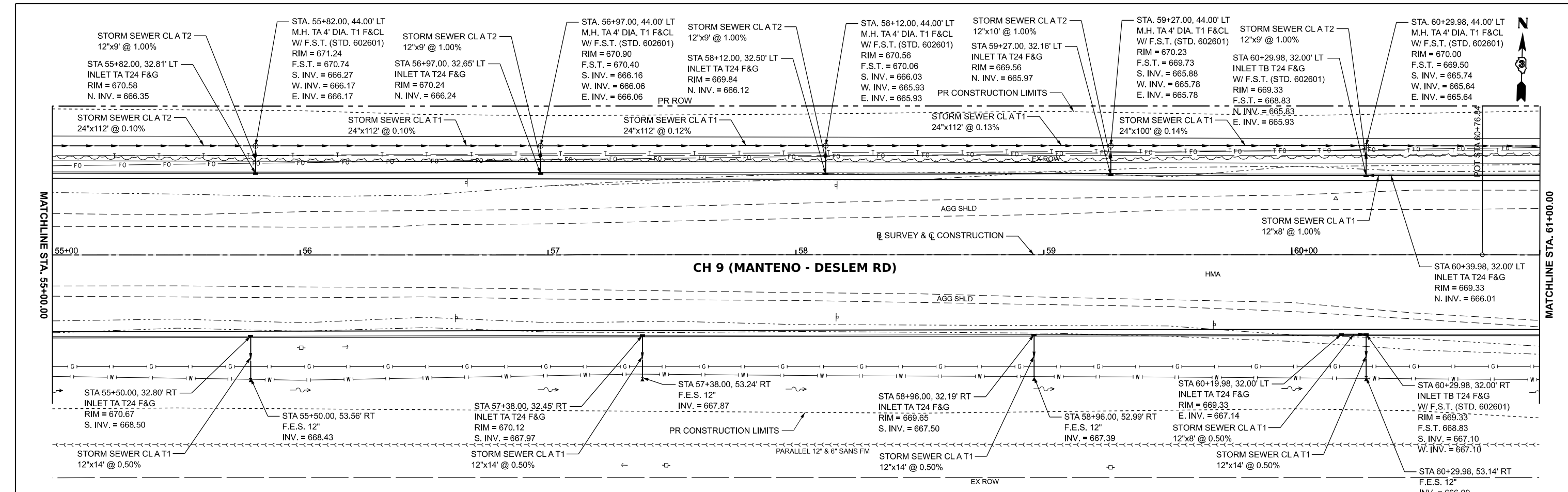
**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
DRAINAGE PLAN AND PROFILE**

F.A.S. RTE. 311  
 SECTION 08-00286-00-FP  
 COUNTY KANKAKEE  
 CONTRACT NO. 87805

TOTAL SHEETS 173  
 SHEET NO. 98  
 ILLINOIS FED. AID PROJECT

SCALE: H=20 V=5  
 SHEET 7 OF 10 SHEETS  
 STA. 49+00.00 TO STA. 55+00.00



671.37 671.41	671.38 671.26	671.27 671.11	671.35 670.96	671.26 670.81	671.26 670.66	671.20 670.51	671.08 670.36	671.07 670.21	671.05 670.07	671.08 670.05	670.99 670.20
55+50	56+00	56+50	57+00	57+50	58+00	58+50	59+00	59+50	60+00	60+50	61+00



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/21/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KANKAKEE COUNTY  
HIGHWAY DEPARTMENT**

**CH 9 (MANTENO - DESELM RD)  
DRAINAGE PLAN AND PROFILE**

SCALE: H=20 V=5    SHEET 8 OF 10 SHEETS    STA. 55+00.00 TO STA. 61+00.00

F.A.S. RTE. 311	SECTION 08-00286-00-FP	COUNTY KANKAKEE	TOTAL SHEETS 173	SHEET NO. 99
CONTRACT NO. 87805				
ILLINOIS / FED. AID PROJECT				

MODEL: \$MODELNAMES  
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