

04-24-2020 LETTING ITEM 187

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

DESIGN DESIGNATION - 245 (35) RURAL MINOR ARTERIAL 3.17 (HMA-20)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

IDEAL ROAD (C.H. 8; F.A.S. 1084) &
IL ROUTE 40 (F.A.P. ROUTE 646)
SECTION 03-00083-00-BR
PROJECT V2AD(707)
BRIDGE REPLACEMENT & HIGHWAY REALIGNMENT
CARROLL COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	1
ILLINOIS CONTRACT NO. 85645				



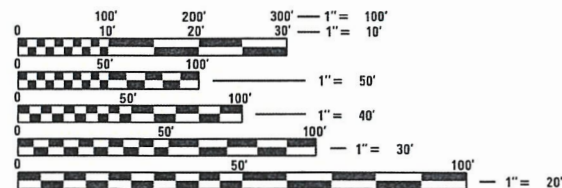
END IMPROVEMENT /STATION EQUATION
STA. 305+60.00 BK =
STA. 308+12.40 AHD.
IL ROUTE 40

C-92-067-06
R. 6 E.

END IMPROVEMENT
STA. 604+44.98
IDEAL ROAD

BEGIN IMPROVEMENT
STA. 253+00.00
IL ROUTE 40

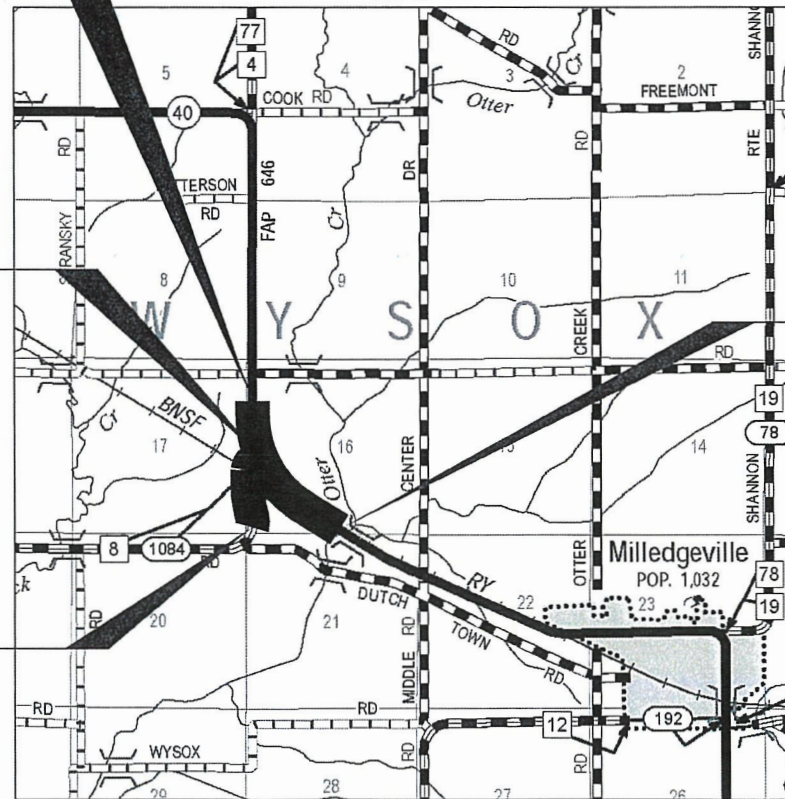
BEGIN IMPROVEMENT
STA. 580+00.00
IDEAL ROAD



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

DISTRICT 2 NO. (815) 284-2271
PROJECT ENGINEER: DAVID WEBER (WENDLER ENGINEERING)
PROJECT MANAGER: DAVID WEBER (WENDLER ENGINEERING)
TOWNSHIP: WYSOX
CONTRACT NO. 85645



LOCATION MAP

IL ROUTE 40	GROSS LENGTH	=	5260.00 FT.	=	0.996 MILE
	NET LENGTH	=	5260.00 FT.	=	0.996 MILE
IDEAL ROAD	GROSS LENGTH	=	2444.98 FT.	=	0.463 MILE
	NET LENGTH	=	2444.98 FT.	=	0.463 MILE



T. 23 N.

DAVID A. WEBER
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS
062-047743

Nov 7, 2019

DATE
DAVID A. WEBER
STERLING, ILLINOIS
ILLINOIS LICENSED PROFESSIONAL
ENGINEER NO. 062-047743
EXPIRES 11-30-2021

PLANS PREPARED BY:

wendler
WENDLER ENGINEERING SERVICES, INC.
civil and structural engineering / land surveying and planning

FUNCTIONAL CLASSIFICATION
IDEAL ROAD: RURAL MAJOR COLLECTOR
2035 ADT = 315
P.V. = 80% S.U. = 8% M.U. = 12%
IL ROUTE 40: RURAL MINOR ARTERIAL
2035 ADT = 2450
P.V. = 87.3% S.U. = 8.3% M.U. = 4.4%

AGENCY RESPONSIBLE FOR LETTING

APPROVED NOVEMBER 5 20 19
Hein Vanderhoorn
CARROLL COUNTY ENGINEER

PASSED 11/8 20 19
Andy M. Baith
DISTRICT #2 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW 11/8 20 19
Maurood Almadh
DEPUTY DIRECTOR OF HIGHWAYS, REGION #2 ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

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STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
420401-13	PAVEMENT CONNECTOR FOR BRIDGE APPROACH SLAB
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-04	NAME PLATE FOR BRIDGES
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIA
542011-02	CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" (375 MM) THRU 72" (1800 MM) EQUIVALENT DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-07	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS
542401-03	METAL FLARED END SECTION FOR PIPE CULVERTS
601101-02	CONCRETE HEADWALL FOR PIPE DRAIN
602301-04	INLET - TYPE A
602701-02	MANHOLE STEPS
604006-05	FRAME AND GRATE TYPE 3
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-12	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS
631006-08	TRAFFIC BARRIER TERMINAL, TYPE 1B
631026-06	TRAFFIC BARRIER TERMINAL, TYPE 5
635001-02	DELINEATORS
642001-02	SHOULDER RUMBLE STRIPS, 16 IN.
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-RD OPERATION 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) 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
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
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781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
B.L.R. 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
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)
B.L.R. 23-4	TRAFFIC BARRIER TERMINAL TYPE 1

DISTRICT STANDARDS

STANDARD NO.	DESCRIPTION
20.1	HOT-MIX ASPHALT APPROACHES AND MAILBOX RETURNS
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30.2	FIELD TILE JUNCTION VAULTS 2' AND 3' DIA.
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22.4	HOT MIX-ASPHALT SHOULDER
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GENERAL NOTES

1. SEE CROSS SECTIONS FOR SPECIAL DITCHES AND BACKSLOPES.
2. THE FINAL TOP FOUR INCHES OF SOIL IN ANY RIGHT-OF-WAY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. THE SOIL MUST BE FROM THE A HORIZON (ZERO TO 2' DEEP) OF SOIL PROFILES OF LOCAL SOILS.
3. ALL BORROW/WASTE/USE SITES MUST BE APPROVED BY THE DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTH MOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.
4. PREVIOUSLY PUGMILLED STOCKPILES OF "TYPE A" OLDER THAN 1 MONTH WILL NOT BE APPROVED FOR USE UNTIL MOISTURE CHECK IS RUN TO VERIFY MOISTURE CONTENT. MATERIAL SHIPPED TO PROJECTS WITHOUT BEING TESTED WILL NOT BE ACCEPTED.
5. PLACEMENT AND COMPACTION OF THE BACKFILL FOR PROPOSED ACROSS ROAD CULVERTS AND EXISTING ACROSS ROAD CULVERTS THAT ARE REMOVED SHALL CONFORM TO SECTION 502.10 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE MATERIAL SHALL CONFORM TO ARTICLE 208.02 OF THE STANDARD SPECIFICATIONS, AND SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD LABORATORY DENSITY. ANY MATERIAL CONFORMING TO THE REQUIREMENTS OF ARTICLE 1003.04 OR 1004.05 WHICH HAS BEEN EXCAVATED FROM THE TRENCHES SHALL BE USED FOR BACKFILLING THE TRENCHES. THE ENTIRE EXCAVATION, WITHIN 2 FEET OUTSIDE OF EACH SHOULDER, SHALL BE BACKFILLED WITH TRENCH BACKFILL MATERIAL TO THE BOTTOM OF THE PROPOSED SUBGRADE. IMPERVIOUS MATERIAL SHALL BE USED ON THE OUTER 3 FEET AT EACH END OF THE CULVERT.
6. THE SUBGRADE ON THIS PROJECT, EXCLUSIVE OF ROCK CUT AREAS IS SCHEDULED TO BE IMPROVED TO A 10" DEPTH ON IDEAL ROAD AND A 12" DEPTH ON IL RTE. 40 ACCORDING TO MECHANISTIC PAVEMENT DESIGN. THE AREAS SCHEDULED TO BE IMPROVED UTILIZING SUBBASE GRANULAR MATERIAL, TYPE C TO A DEPTH GREATER THAN THIS ARE ESTIMATED BASED ON THE ORIGINAL GEOTECHNICAL INVESTIGATION. THE SUBGRADE SHALL BE PROCESSED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS BEFORE THE ENGINEER SHALL DETERMINE THE LIMITS AND THE ADDITIONAL THICKNESS OF IMPROVEMENT REQUIRED, IF ANY. ANY ADDITIONAL UNDERCUTTING REQUIRED AFTER THIS EVALUATION SHALL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND COURSE AGGREGATE SHALL BE USED TO REPLACE THE UNSUITABLE MATERIAL.
7. ALL EMBANKMENT CONSTRUCTED OF COHESIVE SOIL SHALL BE CONSTRUCTED WITH NOT MORE THAN 110% OF OPTIMUM MOISTURE CONTENT, DETERMINED BY THE STANDARD PROCTOR TEST. COHESIVE SOIL SHALL BE DEFINED AS ANY SOIL WHICH CONTAINS GREATER THAN 10% PARTICLES BY WEIGHT PASSING THE 75 UM (*200 SIEVE). THE 110% OF OPTIMUM MOISTURE LIMIT MAY BE WAIVED IN FREE-DRAINING GRANULAR MATERIAL WHEN APPROVED BY THE ENGINEER.
8. WHEN ALL OR A PORTION OF A PIPE WILL BE IN FILL, THE EMBANKMENT, OR A PORTION THEREOF, SHALL BE CONSTRUCTED PRIOR TO EXCAVATING THE TRENCH. THE MAXIMUM DEPTH OF TRENCH USED TO CALCULATE TRENCH BACKFILL QUANTITIES SHALL BE NO MORE THAN FIVE FEET.
9. THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 4 OR 2A SHALL BE USED, EXCEPT IN FRONT OF PROPERTIES WHERE THE GRASS WILL BE MOWED, THEN USE SEEDING CLASS 1A. CLASS 2A SHALL BE USED ON FRONT SLOPES AND DITCH BOTTOMS. CLASS 4 SHALL BE USED BEHIND TYPE A GUTTER, ON ALL BACKSLOPES AND AREAS BEHIND THE BACKSLOPE, AND BEYOND THE TOE OF FRONT SLOPE ON FILL SECTIONS WITHOUT DITCHES.
10. ALL EARTHWORK QUANTITIES ARE CALCULATED BY THE METHOD OF DIGITAL TERRAIN MODELING USING TOTAL STATION SURVEYS.
11. SHRINKAGE FACTOR, ASSUMED TO BE 25% FOR THIS PROJECT, ARE ESTIMATED FOR THE PURPOSE OF DETERMINING A BALANCE OF EARTHWORK. THE CONTRACTOR SHALL ESTIMATE HIS OWN SHRINKAGE FACTORS IN DETERMINING HIS EARTHWORK. NO PAYMENT WILL BE MADE ON EARTHWORK QUANTITIES DUE TO VARIATION IN THE SHRINKAGE FACTOR SINCE EARTHWORK IS MEASURED IN ITS FINAL POSITION.
12. RECOMMENDATIONS OUTLINED IN THE ROADWAY GEOTECHNICAL REPORT PREPARED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, DATED FEB. 10, 2014 WERE USED IN PREPARATION OF THE ROADWAY PLANS AND RELATED EARTHWORK CALCULATIONS
13. IF UNDERCUTS ARE ENCOUNTERED, UNDERCUTS WILL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL. AFTER TOP SOIL STRIPPING AND VEGETATION CLEARING AND PRIOR TO UNDERCUTTING, THE SUBGRADE WILL BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER IN ACCORDANCE WITH THE IDOT SUBGRADE STABILITY MANUAL TO DETERMINE REMEDIAL TREATMENT.
14. TESTING OF SUBGRADES AND EMBANKMENTS WILL BE REQUIRED. TESTING REQUIREMENTS WILL BE PER APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS AND THE SUBGRADE STABILITY MANUAL. IF PROOF ROLLS ARE REQUIRED BY THE ENGINEER, THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
15. EARTH EXCAVATION SHALL BE PAID FOR ONLY ONCE, REGARDLESS OF STAGING OR SEQUENCING OF CONTRACTORS OPERATIONS THAT REQUIRE STOCKPILING OF MATERIALS FOR LATER USE. REDISTRIBUTION AND RESPREADING IN SHOULDERS AND CONSTRUCTING EMBANKMENTS. UNDERCUT QUANTITIES HAVE BEEN ASSUMED AND ACTUAL QUANTITY WILL DEPEND ON FIELD CONDITIONS AT TIME OF CONSTRUCTION.
16. THE ADDITIONAL THICKNESS OF PROPOSED PAVEMENT REQUIRED TO MATCH THE BRIDGE APPROACH PAVEMENT SHALL BE INCLUDED IN THE COST FOR THE PROPOSED PAVEMENT AND NOT PAID FOR SEPARATELY.
17. THE AREA TO BE TACKED OR PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAYS PRODUCTION, BUT NO MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER.
18. THE CONTRACTOR WILL BE REQUIRED TO FURNISH 5/2" HIGH BRASS STENCILS AS APPROVED BY THE ENGINEER AND INSTALL STATIONING AT 250' INTERVALS, STATIONING SHALL BE PLACED ON BOTH LANES OF THE 2 LANE HIGHWAYS AND ON THE OUTSIDE LANES IN BOTH DIRECTIONS IN BOTH DIRECTIONS ON 4 LANE HIGHWAYS, THE STATIONS SHALL BE PLACED 6" INSIDE THE PAVEMENT MARKING EDGE SO THEY CAN BE READ FROM THE SHOULDER. THIS WORK WILL BE INCLUDED IN THE COST OF THE FINAL PAVEMENT SURFACE.
19. ALL "AGGREGATE SUBGRADE IMPROVEMENT" (SECTION 303), SHALL BE COMPLETED IN ACCORDANCE WITH ARTICLES 311.04, 311.05, 311.05(a), 311.06 AND 311.07. ALL AGGREGATE SUBGRADE THICKNESSES EQUAL TO OR LESS THAN 12 INCHES SHALL BE CONSTRUCTED OF AGGREGATE OF CA02 GRADATION. ALL AGGREGATE SUBGRADE THICKNESSES GREATER THAN 12 INCHES SHALL BE CONSTRUCTED OF CS02.
20. INSTALL RUMBLE STRIPS IN ALL SHOULDERS IN ACCORDANCE WITH STATE STANDARD 642001. RUMBLE STRIPS SHALL BE PLACED ON SHOULDERS ON BOTH SIDES OF THE PAVEMENT.
21. PAVEMENT MARKING SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:
 1. ALL WORDS, SUCH AS "ONLY", SHALL BE 8 FEET HIGH.
 2. ALL NON-FREEWAY ARROWS SHALL BE THE LARGE SIZE.
 3. THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8 INCHES, NOT 7 INCHES AS SHOWN IN THE DETAIL OF TYPICAL LANE AND EDGE LINES.
 4. CENTERLINE SKIP DASH PAVEMENT MARKING ON MULTI-LANE DIVIDED, MULTI-LANE UNDIVIDED, AND ONE-WAY ROADWAY SHALL BE ACCORDING TO DISTRICT STANDARD 41.1.
22. WHERE FIELD TILE IS ENCOUNTERED, STORM SEWER OR PIPE DRAIN WILL BE USED IN ACCORDANCE WITH SECTION 611. THE MINIMUM SIZE FOR REPLACEMENT WILL BE 6" FOR PIPE DRAINS AND 8" FOR STORM SEWER, BUT THE SIZE MUST BE AT LEAST 2" LARGER THAN THE ADJOINING TILE. A FIELD TILE JUNCTION VAULT WILL BE CONSTRUCTED AT THE RIGHT OF WAY TO CONNECT THE TILE AND STORM SEWER. SEE SUMMARY OF QUANTITIES FOR THE ESTIMATED QUANTITIES.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123. THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:

NICOR
1844 FERRY ROAD, NAPERVILLE, IL 60563-9600

COMED
123 ENERGY AVENUE, ROCKFORD, IL 61109

FRONTIER COMMUNICATIONS
124 EAST LINCOLNWAY, MORRISON, IL 61270

IDOT IS NOT A MEMBER OF JULIE. IF YOU ARE NEAR ANY OVERHEAD LIGHTING, INTERSECTION LIGHTING OR TRAFFIC SIGNALS, CONTACT THE IDOT TRAFFIC OFFICE AT 815/284-5469 AT LEAST 48 HOURS PRIOR TO WORK

MIXTURE USES:	IL40 SURFACE	IL 40 BINDER TOP LIFT	IL 40 BINDER LOWER LIFTS	IDEAL SURFACE	IDEAL BINDER	LOWER SHOULDER LIFTS
PG GRADE*	SBS PG 64-28	SBS PG 64-28	PG 64-28	PG 64-28	PG 64-28	PG 64-22
DESIGN AIR VOIDS**	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	3.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL - 9.5	IL - 19.0	IL - 19.0	IL - 9.5	IL - 19.0	IL - 19.0
FRICTION AGGREGATE	C	N/A	N/A	C	N/A	N/A
20 YEAR ESAL	0.9	0.9	0.9	N/A	N/A	N/A
MIX UNIT WEIGHT	112 LBS/SY/IN	N/A	N/A	112 LBS/SY/IN	N/A	112 LBS/SY/IN
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA

FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012\Jobs\2120237\Geopak\0206811-Notes.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: SHEET 3 OF 197 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	3
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

24. THE APPLICABLE PORTIONS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATION SHALL APPLY EXCEPT FOR THE FOLLOWING: THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE VERTICAL DEPTHS OF THE UNDERGROUND UTILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THIS WORK WILL NOT BE MEASURED OR PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR THE ITEM OF CONSTRUCTION INVOLVED.
- PER SB 699 (90 DAY UTILITY RELOCATION LAW), ONCE RIGHT-OF-WAY IS CLEAR TO AWARD THE PROJECT, A NOTICE WILL BE SENT TO THE UTILITY COMPANIES INSTRUCTING THEM TO HAVE THEIR FACILITIES RELOCATED WITHIN 90 DAYS. ESTIMATED DATE RELOCATION COMPLETE = AWARD DATE + 100 DAYS.
25. EXISTING PIPE CULVERTS AND ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
26. REMOVAL OF EXISTING UTILITY SERVICE CONNECTIONS SHALL BE PERFORMED IN ACCORDANCE OF THE APPLICABLE SECTIONS OF ARTICLE 845 OF THE STANDARD SPECIFICATIONS, EXCEPT THE REMOVAL OF ELECTRIC SERVICE INSTALLATION TO THE STRUCTURES THAT ARE TO BE DEMOLISHED SHALL BE INCIDENTAL TO THE PAY ITEM BUILDING REMOVAL.
27. CULVERT FLOWS MUST BE MAINTAINED THROUGHOUT THE PROJECT. NORMAL FLOW SHALL BE ALLOWED TO PASS AT THE RATE IT ENTERS THE JOBSITE. HIGH FLOWS SHALL BE ALLOWED TO PASS WITHOUT CAUSING DAMAGE TO UPSTREAM PROPERTIES.
28. THE CONTRACTOR SHALL SUPPLY THE RESIDENT ENGINEER WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS FOR THE TYPE OF STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE 1 SPECIAL (TANGENT).
29. ONE 16D GALVANIZED NAIL SHALL BE USED TO TOE NAIL THE WOOD BLOCK OUT TO THE WOOD POST ON ALL TRAFFIC BARRIER TERMINAL TYPE I SPECIALS.
30. CADD DATA WILL BE AVAILABLE TO CONTRACTORS AND CONSULTANTS WORKING ON THIS PROJECT. THIS INFORMATION WILL BE PROVIDED UPON REQUEST AS MICROSTATION CADD FILES AND GEOPAK COORDINATE GEOMETRY FILES ONLY. IF DATA IS REQUIRED IN OTHER FORMATS IT WILL BE YOUR RESPONSIBILITY TO MAKE THESE CONVERSIONS. IF ANY DISCREPANCY OR INCONSISTENCY ARISES BETWEEN THE ELECTRONIC DATA AND THE INFORMATION ON THE HARD COPY, THE INFORMATION ON THE HARD COPY SHOULD BE USED. CONTACT THE PROJECT ENGINEER TO REQUEST THESE FILES.
31. GUARDRAIL REFLECTORS, TYPE B SHALL BE INSTALLED ON THE FACE OF THE BRIDGE PARAPET WALLS, THE MARKERS, COLOR, AND SPACING SHALL BE ACCORDING TO STANDARD 782006
32. THE CONTRACTOR SHALL REMOVE ALL ENTRANCE CULVERTS IN CONDITION FOR REUSE WHICH ARE NOT TO BE LEFT IN PLACE. THEY SHALL BE CLEANED AND STORED ALONG RIGHT OF WAY AS DIRECTED. IN NO CASE SHALL THEY BE ROUGHLY HANDLED OR SHOVED BY HEAVY MACHINERY. UNUSABLE MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE. COST OF THE WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
33. THE PROPOSED PIPES FOR ENTRANCES AND SIDE ROADS SHALL BE PLACED IN LINE WITH THE EXISTING OR PROPOSED DITCH LINE.
34. CONNECTING BANDS FOR CORRUGATED METAL PIPES SHALL BE METAL AND SHALL BE COATED WITH THE SAME MATERIAL AS PIPE SECTIONS. THE CONNECTING BANDS SHALL BE MINIMUM OF 18" WIDE.
35. DELINEATORS SHALL BE INSTALLED AS SHOWN IN STANDARD 635001, EXCEPT THAT THE POST SHALL BE ROTATED 180 DEGREES AND ONLY METAL BACKED DELINEATORS SHALL BE PERMITTED. DELINEATORS SHALL BE PLACED AT ALL ENDS OF APPROACH GUARDRAIL TERMINAL SECTIONS, AND AT EACH DROP BOX, HEADWALL OR END SECTION OF ALL AR CULVERTS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR DELINEATORS.
36. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COLLECTING AND MAINTAINING AN ELECTRONIC LOG OF ALL STAKEOUT SURVEY THAT IS PERFORMED ON THE JOB, EITHER BY HIM/HER OR ANY SUBCONTRACTOR PERFORMING THE STAKEOUT UPON REQUEST. ALL LOGS SHALL BE SUBMITTED TO THE DEPARTMENT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK, BUT SHALL BE CONSIDERED INCLUDED IN THE COST FOR CONSTRUCTION LAYOUT.
37. TREE PLANTING LAYOUT SHALL BE PERFORMED BY THE DISTRICT LANDSCAPE ARCHITECT. MULCH SHALL BE PLACED 4" THICK AND TO THE DIAMETER AROUND THE TREE AS SHOWN ON DISTRICT STANDARD 92.1. THE MULCH SHALL BE HARDWOOD WOOD CHIPS PLACED ON A WEED BARRIER FABRIC. THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE FOR SAID TREE.
38. RIGHT OF WAY MARKERS WILL BE ERECTED PER HIGHWAY STANDARD 666001 WITH THE BACK FACE OF THE MARKER ON THE RIGHT OF WAY LINE, UNLESS THE NEW RIGHT OF WAY LINE HAS BEEN SURVEYED AND PINNED, IN WHICH INSTANCE THE RIGHT OF WAY MARKER WILL BE ERECTED 12" INSIDE THE NEW RIGHT OF WAY LINE. THE METHOD OF INSTALLATION SHALL BE APPROVED BY ENGINEER.
39. RAILROAD LOCKOUT DATES: NO CONSTRUCTION IS PERMITTED ON OR OVER RAILROAD PROPERTY DURING THE FOURTH QUARTER OF EACH CALENDAR YEAR. EMERGENCY WORK WILL REQUIRE PRIOR APPROVAL BY CONTACTING B.N.S.F. NETWORK OPERATIONS CENTER 800-832-5452.
40. DETOUR RESTRICTION: THE CLOSURE OF IL RTE. 40 IS LIMITED TO BETWEEN THE MONTHS OF APRIL AND NOVEMBER, TO FACILITATE UNINTERRUPTED HIGHWAY MAINTENANCE IN THE WINTER. THE DURATION OF THE CLOSURE OF IL RTE. 40 IS LIMITED TO 60 CALENDAR DAYS.
41. PERMANENT SURVEY MARKERS, TYPE II, SHALL BE SET AT INTERVALS OF 1 MILE OR AS DIRECTED BY THE ENGINEER. BRIDGE OR CULVERT PROJECTS SHALL HAVE ONE SURVEY MARKER PLACED NEAR THE STRUCTURE. ESTIMATED: 2 EACH.
42. PERMANENT SURVEY MARKERS, TYPE II SHALL BE CAST-IN-PLACE AS SHOWN ON DISTRICT STANDARD 66.2, OR ANOTHER OPTION WOULD BE TO INSTALL A VAULTED STYLE MONUMENT AS DESCRIBED BY NGS AS A 3D MONUMENT (TOP SECURITY SLEEVE ROD MONUMENT), WITH INSTALLATION INSTRUCTIONS PROVIDED BY THE DISTRICT CHIEF OF SURVEYS. IF POURED IN PLACE, THE BOTTOM OF THE MARKER SHALL BE $5\frac{1}{2}$ - $0\frac{1}{2}$ BELOW THE GROUND SURFACE.
43. THE PERMANENT SURVEY MARKERS, IF POSSIBLE, SHALL BE INSTALLED AT THE BEGINNING OF THE JOB AND PROTECTED THROUGHOUT.
44. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A DESCRIPTION OF LOCATION, ELEVATION, AND COORDINATES FOR EACH PERMANENT SURVEY MARKER. THE HORIZONTAL COORDINATES MUST BE DERIVED BY GPS AND THE ELEVATION DERIVED USING AN ELECTRONIC LEVEL. THE META DATA, SUCH AS THE GEOID USED, (NGS ADJUSTMENT IE: 97 HARN, 03, 07), AND THE BASE POINT(S) NAME OR NUMBER SHALL BE SUBMITTED ALONG WITH A COMPLETE COLLECTION LOG. IF COLLECTED USING RTK METHOD, IT WILL REQUIRE EITHER 3 COLLECTIONS (AVERAGED) FROM 2 DIFFERENT BASES, OR A MINIMUM OF 3 COLLECTIONS (AVERAGED), AT LEAST 2 HOURS APART, FROM THE SAME BASE. IF USING A CORS TYPE NETWORK, THE COLLECTION PROCEDURE SHALL INCLUDE LOCALIZING WITH CHECK SHOTS ON AT LEAST 2 DIFFERENT HARN MONUMENTS BOTH BEFORE AND AFTER COLLECTION. THE LEVEL CIRCUIT SHALL BE RUN FROM FURNISHED MARK TO FURNISHED MARK AND THEN ADJUSTED. THE ERROR OF CLOSURE SHALL BE SUBMITTED WITH THE ELECTRONIC LEVEL NOTES IN A RECOGNIZED FORMAT APPROVED BY THE ENGINEER AND/OR THE CHIEF OF SURVEYS. THE ENGINEER SHALL SUBMIT THIS INFORMATION TO THE DISTRICT CHIEF OF SURVEYS.
45. CONTRACTOR SAFETY ORIENTATION: NO EMPLOYEE OF THE CONTRACTOR, ITS SUBCONTRACTORS, AGENTS OR INVITEES MAY ENTER RAILWAY PROPERTY WITHOUT FIRST HAVING COMPLETED RAILWAY $\frac{1}{2}$ S ENGINEERING CONTRACTOR SAFETY ORIENTATION, FOUND ON THE WEB SITE WWW.CONTRACTORORIENTATION.COM. THE CONTRACTOR MUST ENSURE THAT EACH OF ITS EMPLOYEES, SUBCONTRACTORS, AGENTS OR INVITEES COMPLETES RAILWAY $\frac{1}{2}$ S ENGINEERING CONTRACTOR SAFETY ORIENTATION THROUGH INTERNET SESSIONS BEFORE ANY WORK IS PERFORMED ON THE PROJECT. ADDITIONALLY, THE CONTRACTOR MUST ENSURE THAT EACH AND EVERY ONE OF ITS EMPLOYEES, SUBCONTRACTORS, AGENTS OR INVITEES POSSESSES A CARD CERTIFYING COMPLETION OF THE RAILWAY CONTRACTOR SAFETY ORIENTATION BEFORE ENTERING RAILWAY PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF THE RAILWAY CONTRACTOR SAFETY ORIENTATION. THE CONTRACTOR MUST RENEW THE RAILWAY CONTRACTOR SAFETY ORIENTATION ANNUALLY. FURTHER CLARIFICATION CAN BE FOUND ON THE WEB SITE OR FROM THE RAILWAY $\frac{1}{2}$ S REPRESENTATIVE.
46. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING QUANTITIES.

GRANULAR MATERIAL	2.1 TON / CU YD
BITUMINOUS MATERIAL (PRIME COAT)	0.25 POUNDS / SQ FT
BITUMINOUS MATERIAL (TACK COAT)	0.025 POUNDS / SQ FT
HMA BINDER COURSE	112 LBS / IN / SQ YD
HMA SURFACE COURSE	112 LBS / IN / SQ YD
FERTILIZERS	90 LBS / ACRE

FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
F:\2012\Jobs\2120237\Geopak\0206811-Notes.dgn		DRAWN -	REVISED -			1084	03-00083-00-BR	CARROLL	197	4	
Default		CHECKED -	REVISED -			JOB *C-92-067-06	CONTRACT NO. 85645				
		DATE -	REVISED -			SCALE:	SHEET 4	OF 197 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE: 0010

PAY ITEM	DESCRIPTION	CONSTRUCTION CODE TYPE:		0004	0010
		UNIT	TOTAL	IDOT	COUNTY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	143	18	125
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	153		153
20200100	EARTH EXCAVATION	CU YD.	50,500	41,225	9,275
20101000	TEMPORARY FENCE	FOOT	750		750
20201200	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	CU YD	5055	4125	930
20400800	FURNISHED EXCAVATION	CU YD	70,240	9,290	60,950
20800150	TRENCH BACKFILL	CU YD	441	325	116
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ. YD.	31859	25,315	6,544
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	100	100	
△ 25000210	SEEDING, CLASS 2A	ACRE	11.50	6.25	5.25
△ 25000310	SEEDING, CLASS 4	ACRE	15.25	11.75	3.50
△ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2408	1620	788
△ 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2408	1620	788
△ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2408	1620	788

* = SPECIAL PROVISION

△ = SPECIALTY ITEM

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE: 0010

	PAY ITEM	DESCRIPTION	CONSTRUCTION CODE TYPE:		0004	0010
			UNIT	TOTAL	IDOT	COUNTY
△	25000750	MOWING	ACRE	25.25	17	8.25
△	25100125	MULCH, METHOD 3	ACRE	24.25	16.25	8.00
△	25100630	EROSION CONTROL BLANKET	SQ YD	14810	11836	2974
△	25100900	TURF REINFORCEMENT MAT	SQ YD	3589	3589	
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	7330	4980	2350
	28000305	TEMPORARY DITCH CHECKS	FOOT	1460	1000	460
	28000400	PERIMETER EROSION BARRIER	FOOT	5481	2646	2835
	28000500	INLET AND PIPE PROTECTION	EACH	18	11	7
	28100105	STONE RIPRAP, CLASS A3	SQ YD	44		44
	28100109	STONE RIPRAP, CLASS A5	SQ YD	210	210	
	28200200	FILTER FABRIC	SQ YD	254	210	44
*	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU. YD.	14,502	11,422	3,080
	35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ. YD.	4469	2350	2119
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	73,250	55,670	17,580

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△ = SPECIALTY ITEM

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE: 0010

PAY ITEM	DESCRIPTION	CONSTRUCTION CODE TYPE:		0004	0010
		UNIT	TOTAL	IDOT	COUNTY
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2	
50300225	CONCRETE STRUCTURES	CU YD	216.6		216.6
50300255	CONCRETE SUPERSTRUCTURE	CU YD	53.7		53.7
50300260	BRIDGE DECK GROOVING	SQ YD	825		825
50300280	CONCRETE ENCASEMENT	CU YD	5.6		5.6
50300300	PROTECTIVE COAT	SQ YD	1125		1125
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	3120		3120
50400705	PRECAST PRESTRESSED CONCRETE DECK BEAMS (42" DEPTH)	SQ FT	3333		3333
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	49,110		49,110
51201700	FURNISHING STEEL PILES HP12X74	FOOT	1688		1688
51202305	DRIVING PILES	FOOT	1688		1688
51203700	TEST PILE STEEL HP12X74	EACH	4		4
51204650	PILE SHOES	EACH	28		28
51500100	NAME PLATES	EACH	1		1

* = SPECIAL PROVISION

△ = SPECIALTY ITEM

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE: 0010

	PAY ITEM	DESCRIPTION	CONSTRUCTION CODE TYPE:		0004	0010
			UNIT	TOTAL	IDOT	COUNTY
*	54205047	PIPE CULVERTS, SPECIAL 12"	FOOT	240		240
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	5	3	2
	54214731	PRECAST REINFORCED CONCRETE FLARED END SECTIONS-ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	EACH	4		4
	5421A024	PIPE CULVERTS, CLASS A, TYPE 1 24" (TEMPORARY)	FOOT	113	113	
	54248510	CONCRETE COLLAR	CU YD	4.0	0.5	3.5
	54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	194	194	
	54261436	CONCRETE END SECTION, STANDARD 542001, 36", 1:4	EACH	1	1	
	54261442	CONCRETE END SECTION, STANDARD 542001, 42", 1:4	EACH	2	2	
	54261448	CONCRETE END SECTION, STANDARD 542001, 48", 1:4	EACH	2	2	
	54262712	METAL FLARED END SECTIONS 12"	EACH	2		2
	54262715	METAL FLARED END SECTIONS 15"	EACH	6		6
	54262718	METAL FLARED END SECTIONS 18"	EACH	4	4	
	54262724	METAL FLARED END SECTIONS 24"	EACH	2	2	
	54262727	METAL FLARED END SECTIONS 27"	EACH	4		4

* = SPECIAL PROVISION

△ = SPECIALTY ITEM

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE: 0010

PAY ITEM	DESCRIPTION	CONSTRUCTION CODE TYPE:		0004	0010
		UNIT	TOTAL	IDOT	COUNTY
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	97	97	
542A0247	PIPE CULVERTS, CLASS A, TYPE 1 42"	FOOT	55	55	
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	74		74
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	54	54	
542A1093	PIPE CULVERTS, CLASS A, TYPE 2 48"	FOOT	89	89	
542A1909	PIPE CULVERTS, CLASS A, TYPE 3 24"	FOOT	125	125	
542A1921	PIPE CULVERTS, CLASS A, TYPE 3 36"	FOOT	152	152	
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	104		104
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	159		159
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	70	70	
542D0232	PIPE CULVERTS, CLASS D, TYPE 1 27"	FOOT	131		131
542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	FOOT	95	95	
542D1069	PIPE CULVERTS, CLASS D, TYPE 2 24"	FOOT	104	104	
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	86		86

* = SPECIAL PROVISION

△ = SPECIALTY ITEM

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE: 0010

	PAY ITEM	DESCRIPTION	CONSTRUCTION CODE TYPE:		0004	0010
			UNIT	TOTAL	IDOT	COUNTY
△	63500105	DELINEATORS	EACH	14	10	4
	64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	10,386	10,386	
△	66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	85	58	27
△	66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2	2	
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	12	12
	67100100	MOBILIZATION	LSUM	1	0.5	0.5
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	
△	72000100	SIGN PANEL - TYPE 1	SQ FT	67	29	38
△	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4
△	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	174	81	93
△	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	49,422	41,535	7,887
△	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	50	50	
△	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	469		469
△	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	65	65	

* = SPECIAL PROVISION

△ = SPECIALTY ITEM

SUMMARY OF QUANTITIES

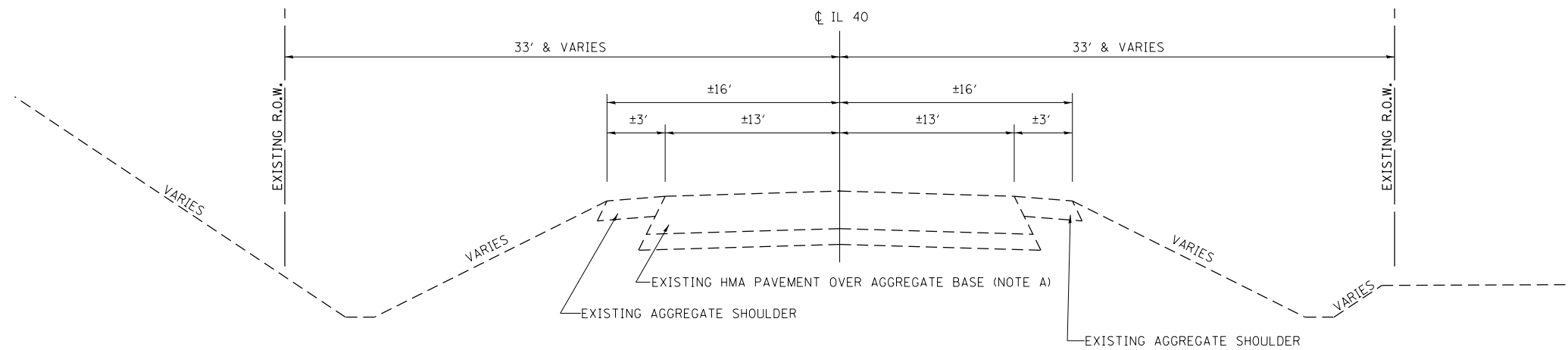
CONSTRUCTION TYPE CODE: 0010

	PAY ITEM	DESCRIPTION	CONSTRUCTION CODE TYPE:		0004	0010
			UNIT	TOTAL	IDOT	COUNTY
△	78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	18		18
△	A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	6	6	
△	B2001114	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 1-3/4" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6	6	
*△	X0322352	SEEDING MOBILIZATION	EACH	6	4	2
*	X0323660	DROP BOX NO.1	EACH	1	1	
*	X0323661	DROP BOX NO.2	EACH	1	1	
*	X0795800	COARSE AGGREGATE	TON	10,616	8663	1953
*	X5030305	CONCRETE WEARING SURFACE, 5"	SQ YD	958		958
*	X5040100	PRECAST BRIDGE APPROACH SLAB	SQ FT	2040		2040
*	X5428836	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36" (SPECIAL)	EACH	1	1	
*	X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	86		86
*	X6020182	DRAINAGE STRUCTURE SPECIAL	L SUM	1	1	
*	X6024240	INLETS, SPECIAL	EACH	4		4
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	0.25	0.75

* = SPECIAL PROVISION

△ = SPECIALTY ITEM

**EXISTING TYPICAL SECTION
IL ROUTE 40**



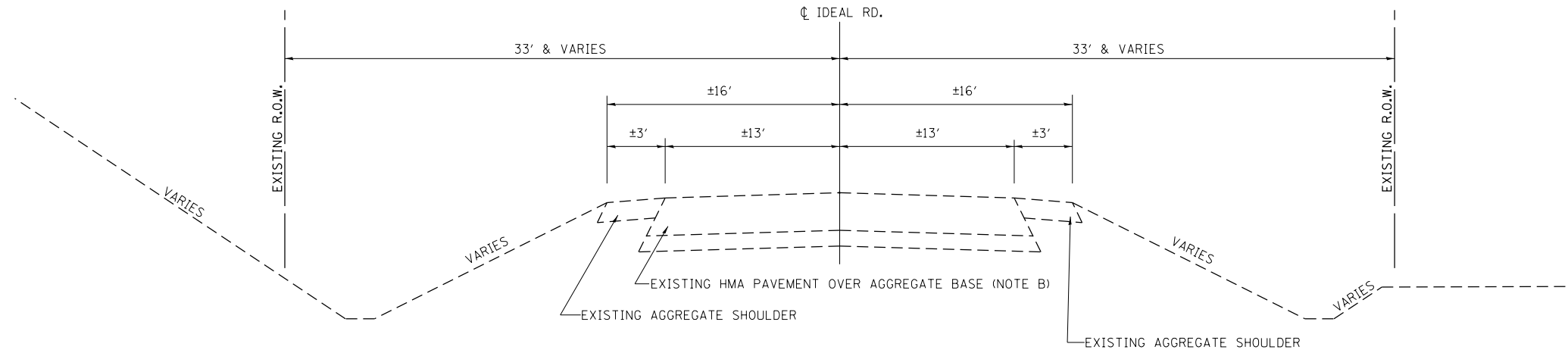
EXISTING PAVEMENT NOTES

INFORMATION ON PAVEMENT AND BASE COURSE THICKNESS WAS TAKEN FROM THE REPORT PREPARED BY ILLINOIS DEPARTMENT OF TRANSPORTATION DATED FEBRUARY 10, 2014.

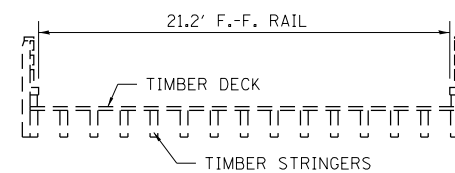
A) IL ROUTE 40 PAVEMENT CORED IN DECEMBER 2004. BITUMINOUS OVERLAY RANGED FROM 6.75" TO 10", AVERAGING 8.1" THICK.

B) IDEAL ROAD CORED ON DECEMBER 3, 2013. THE CORE RANGES FROM 5.3" TO 5.5", AVERAGING 5.4" THICK CONSISTING OF BITUMINOUS MATERIAL ON AN AGGREGATE BASE.

**EXISTING TYPICAL SECTION
IDEAL ROAD**



**EXISTING TYPICAL SECTION
IDEAL ROAD - EXISTING BRIDGE
(S.N. 008-9904)**



USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

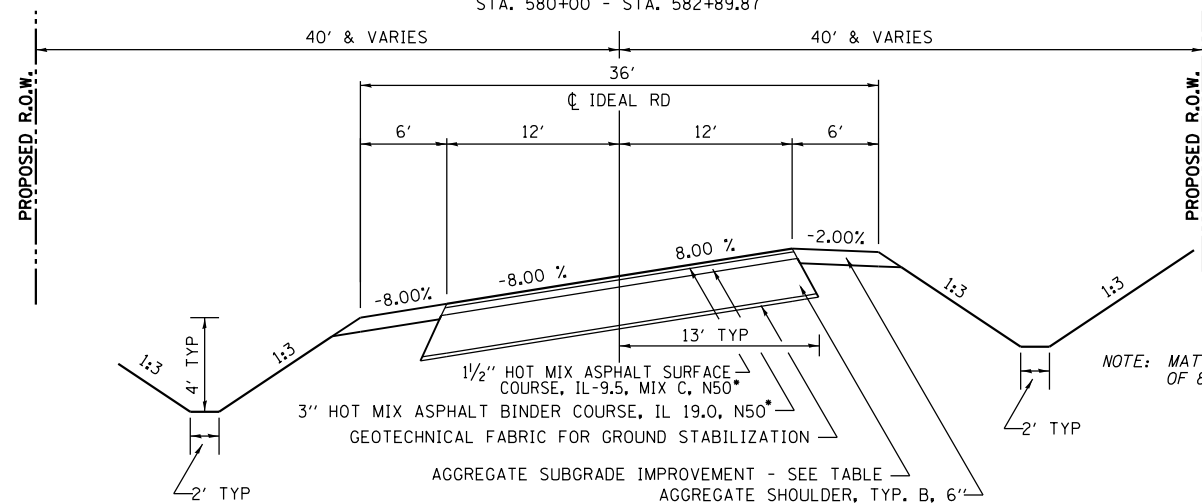
**TYPICAL SECTIONS - EXISTING
IDEAL ROAD & IL ROUTE 40**

SCALE: SHEET 15 OF 197 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	15
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

PROPOSED TYPICAL SECTION SUPERELEVATION

STA. 580+00 - STA. 582+89.87

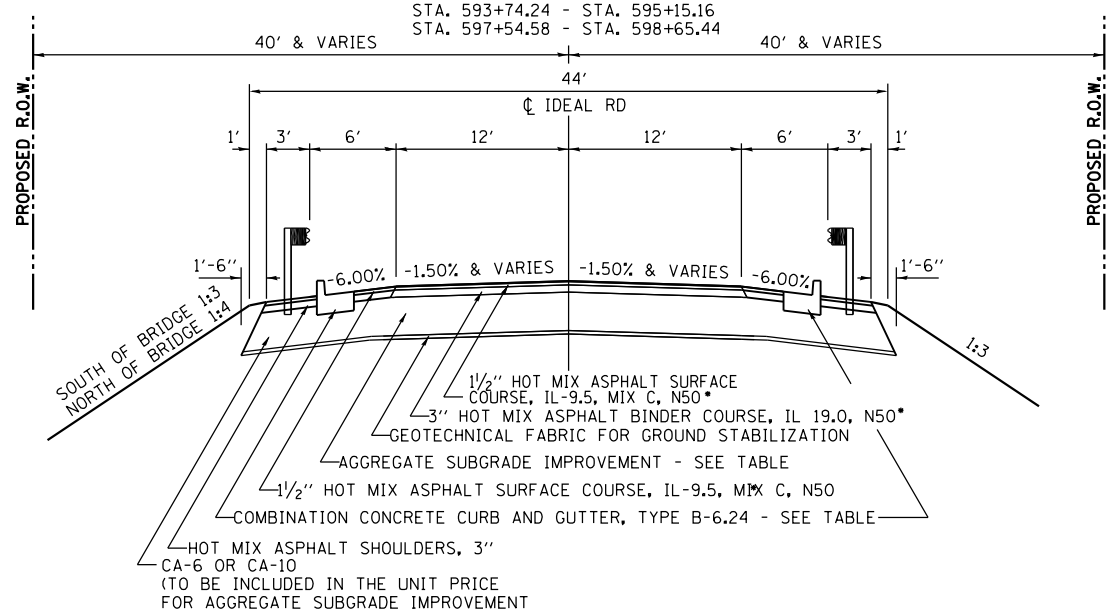


NOTE: MATCH EXISTING SUPERELEVATION OF 8.00% AT TIE-IN (STA. 580+00).

NOTE: STA. 595+25.16 - STA. 597+54.58
SEE BRIDGE DRAWINGS

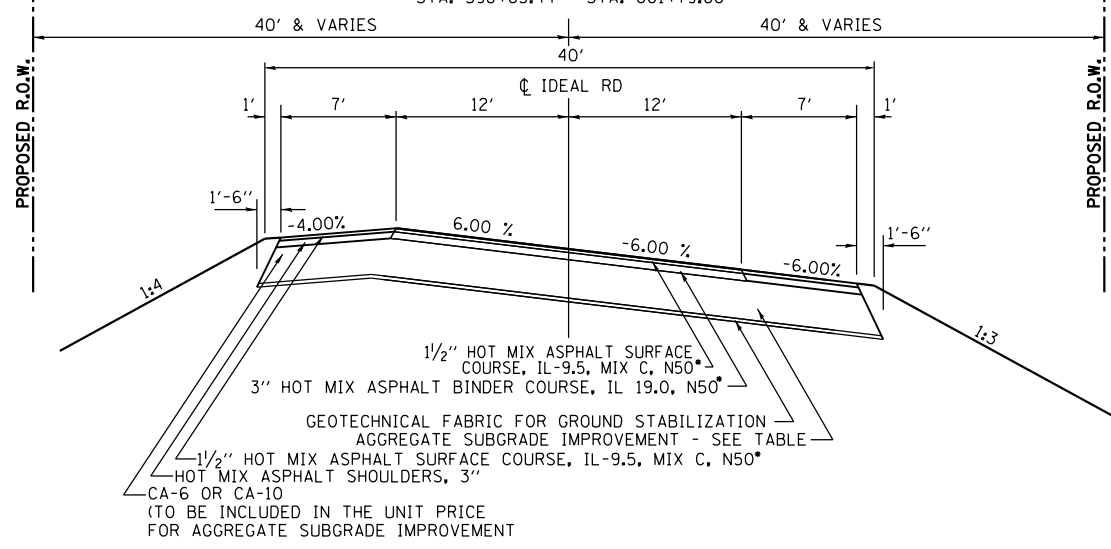
PROPOSED TYPICAL SECTION

STA. 593+74.24 - STA. 595+15.16
STA. 597+54.58 - STA. 598+65.44



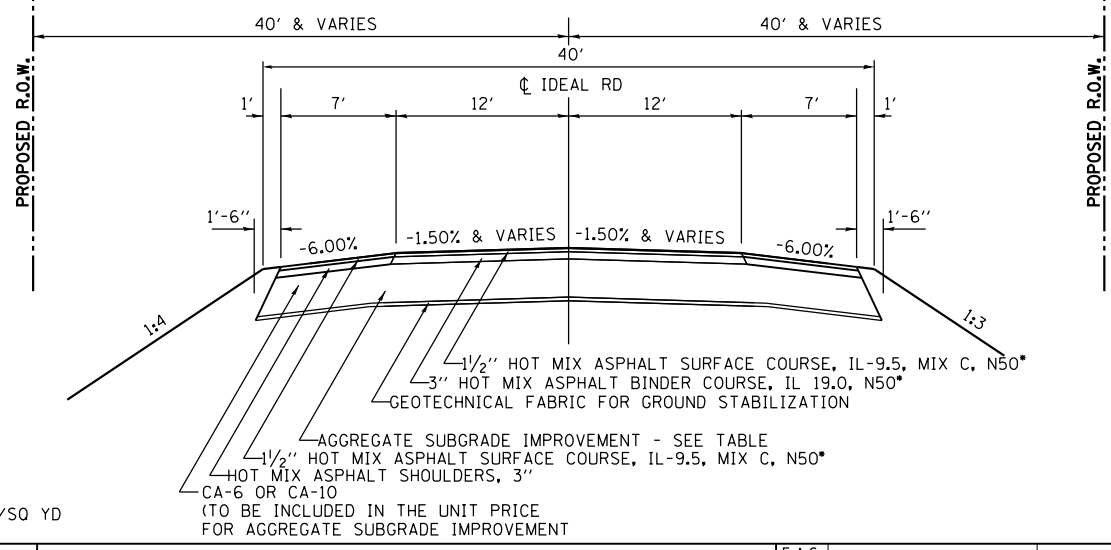
PROPOSED TYPICAL SECTION SUPERELEVATION

STA. 598+65.44 - STA. 601+79.60



PROPOSED TYPICAL SECTION

STA. 601+79.60 - STA. 604+44.98



AGGREGATE SUBGRADE IMPROVEMENT

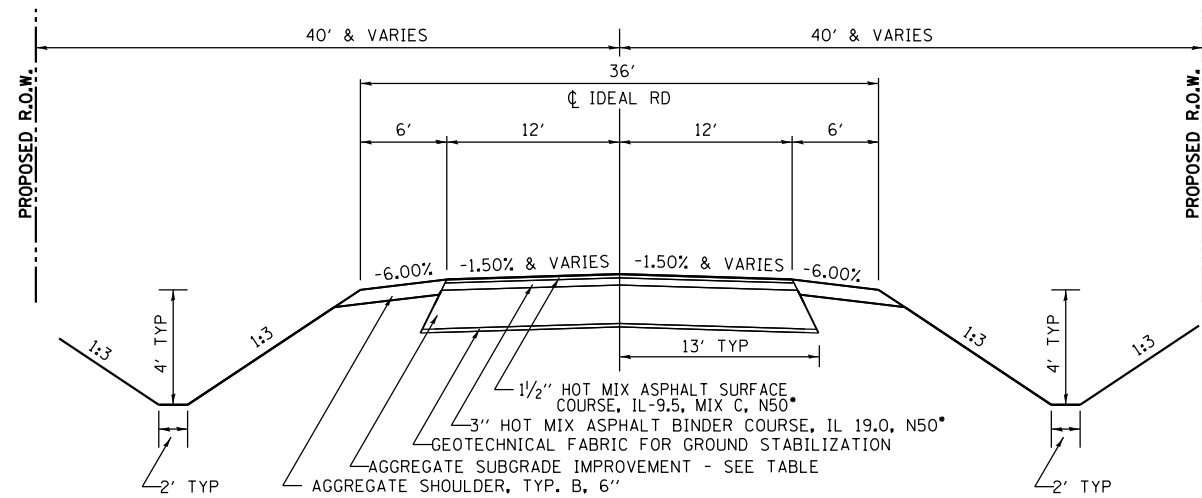
LOCATION	THICKNESS
STA. 580+00 - STA. 582+50	16"
STA. 582+50 - STA. 584+50	18"
STA. 584+50 - STA. 604+44.98	16"

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

LOCATION
RT. STA. 594+81 - RT. STA. 595+05
LT. STA. 595+00 - LT. STA. 595+25
RT. STA. 597+45 - RT. STA. 597+70
LT. STA. 597+64 - LT. STA. 597+89

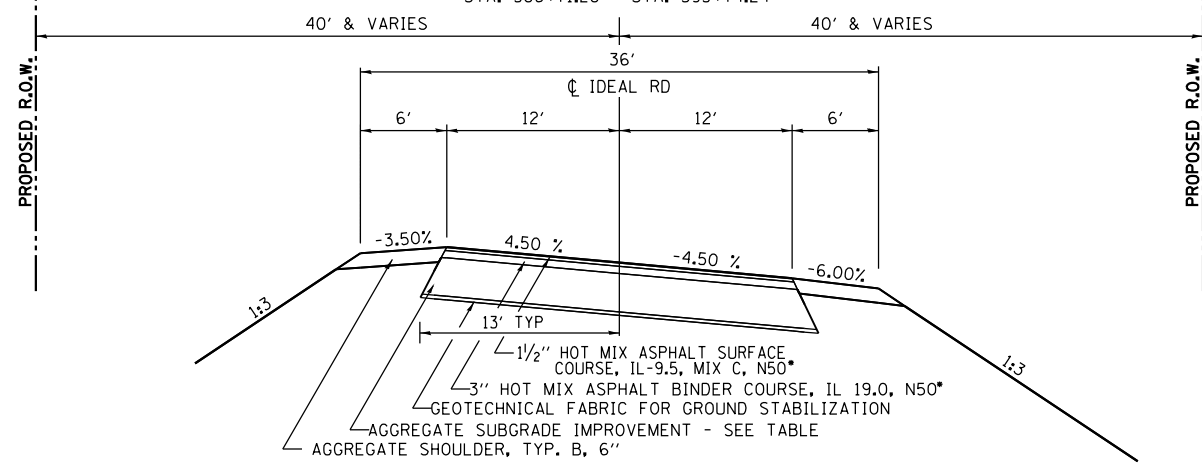
PROPOSED TYPICAL SECTION

STA. 582+89.87 - STA. 586+71.28



PROPOSED TYPICAL SECTION SUPERELEVATION

STA. 586+71.28 - STA. 593+74.24



*HOT MIX ASPHALT APPLICATION RATE = 112 LBS/IN/SQ YD



USER NAME = Bryan Hartmann	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDEAL ROAD TYPICAL SECTIONS - PROPOSED

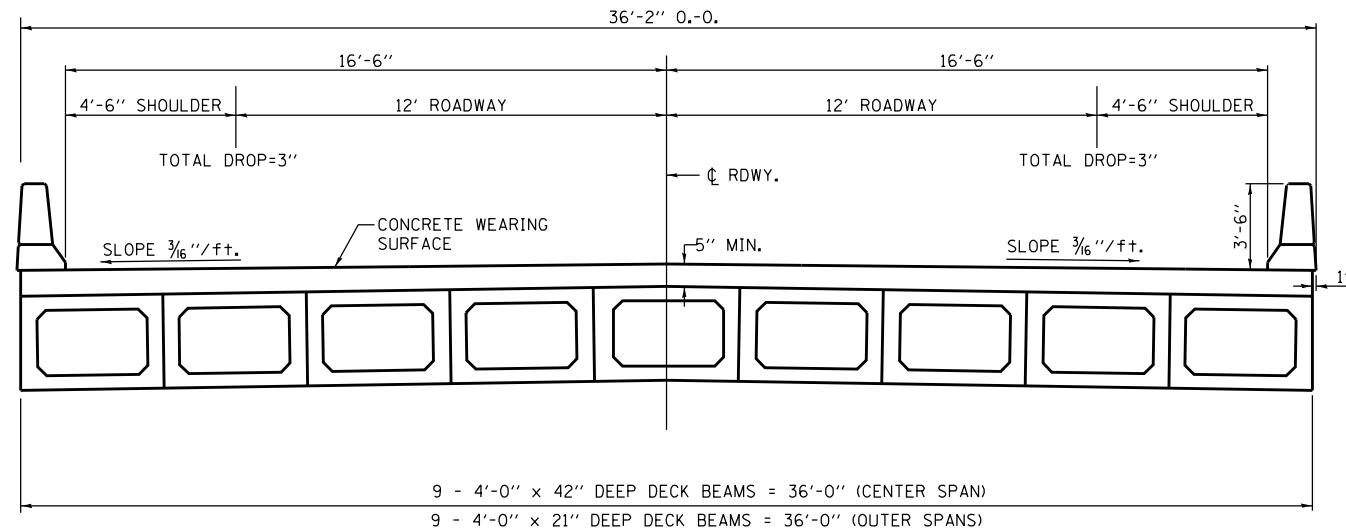
SCALE: SHEET 18 OF 197 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	16
JOB *C-92-067-06			CONTRACT NO. 85645	

ILLINOIS FED. AID PROJECT

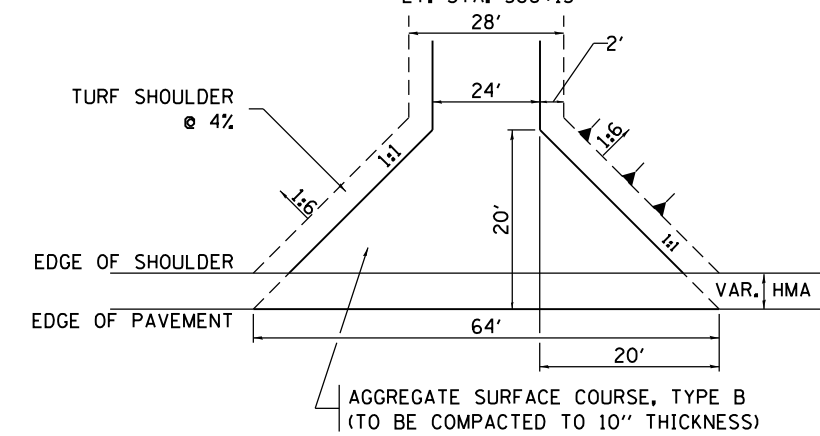
**PROPOSED TYPICAL SECTION
THRU BRIDGE**

STA. 595+55.83 - STA. 597+23.91
(LOOKING NORTH)



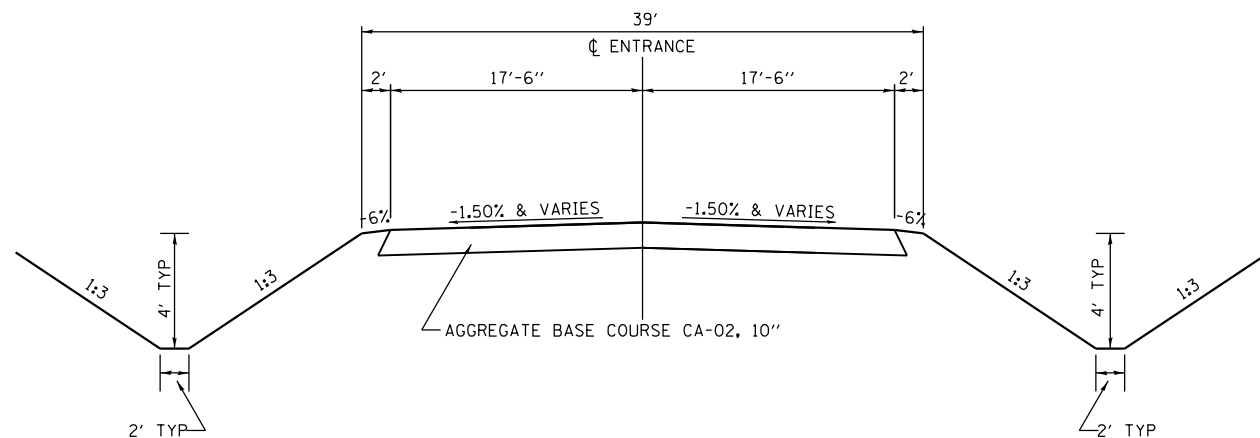
FIELD ENTRANCE

LT. STA. 580+30
RT. STA. 583+22
LT. STA. 586+13



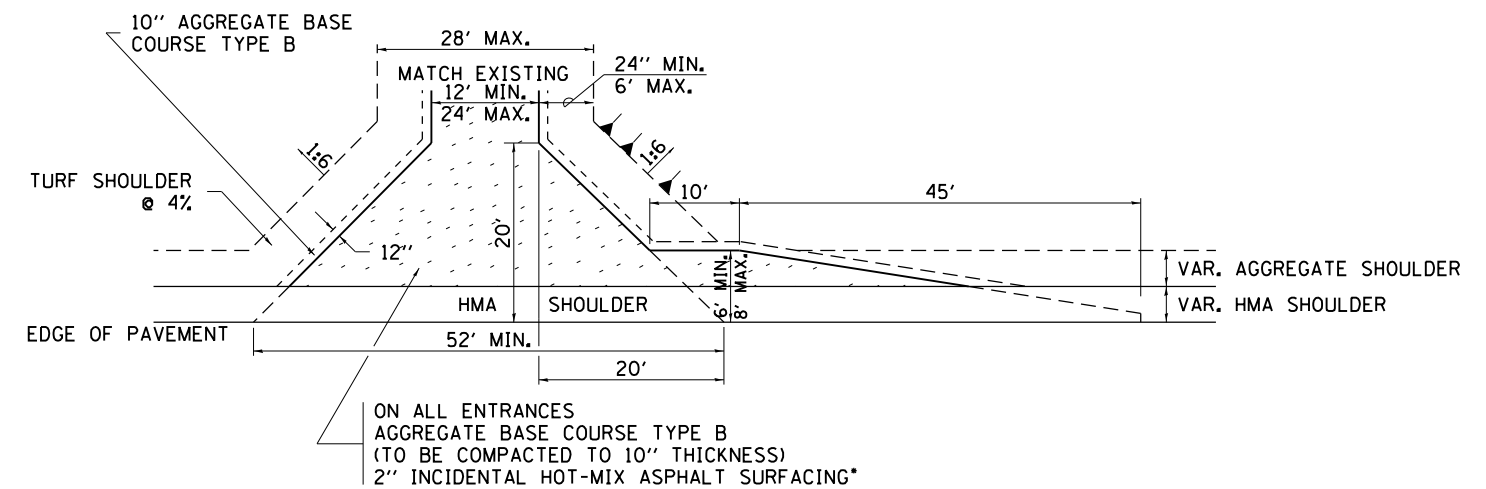
**PROPOSED TYPICAL SECTION
STABILIZED CONSTRUCTION ENTRANCE**

STABILIZED CONSTRUCTION ENTRANCE



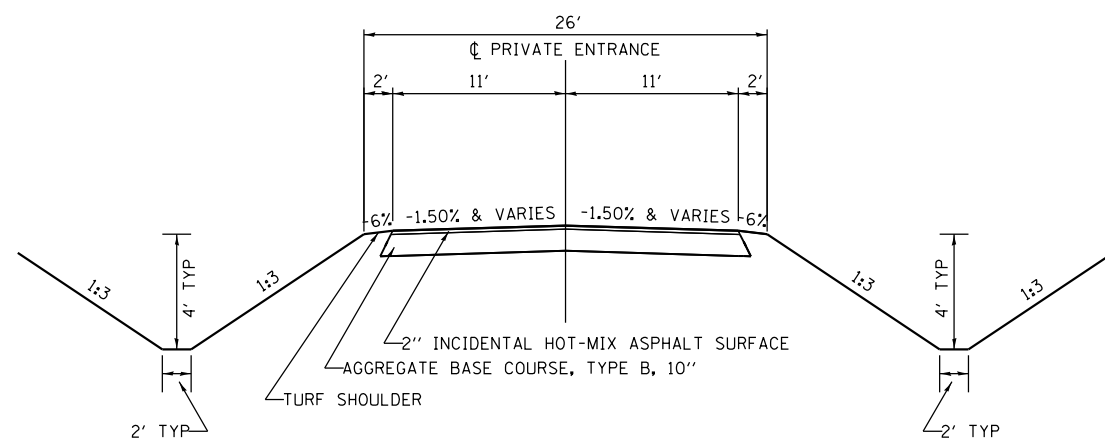
PRIVATE ENTRANCE

RT. STA. 586+13

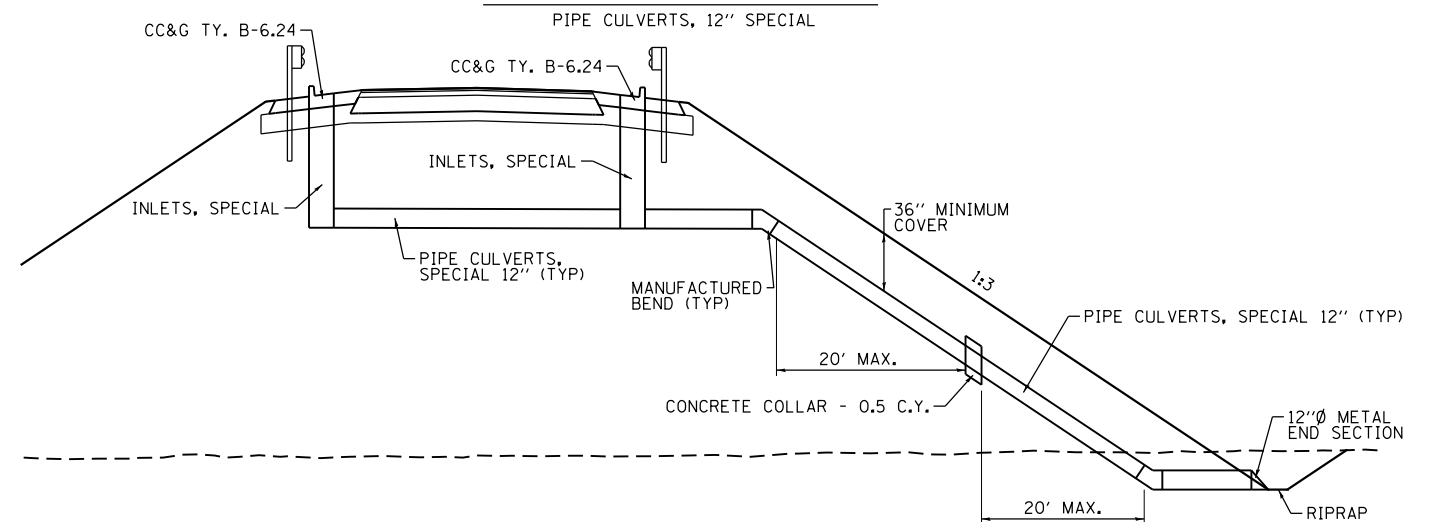


**PROPOSED TYPICAL SECTION
PRIVATE ENTRANCE (RT STA. 587+50)**

PRIVATE ENTRANCE (RT STA. 587+50)
STA. 0+00 - STA. 5+12.78



**PROPOSED TYPICAL SECTION
PIPE CULVERTS, 12" SPECIAL**



*HOT MIX ASPHALT APPLICATION RATE = 112 LBS/IN/SO YD



USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

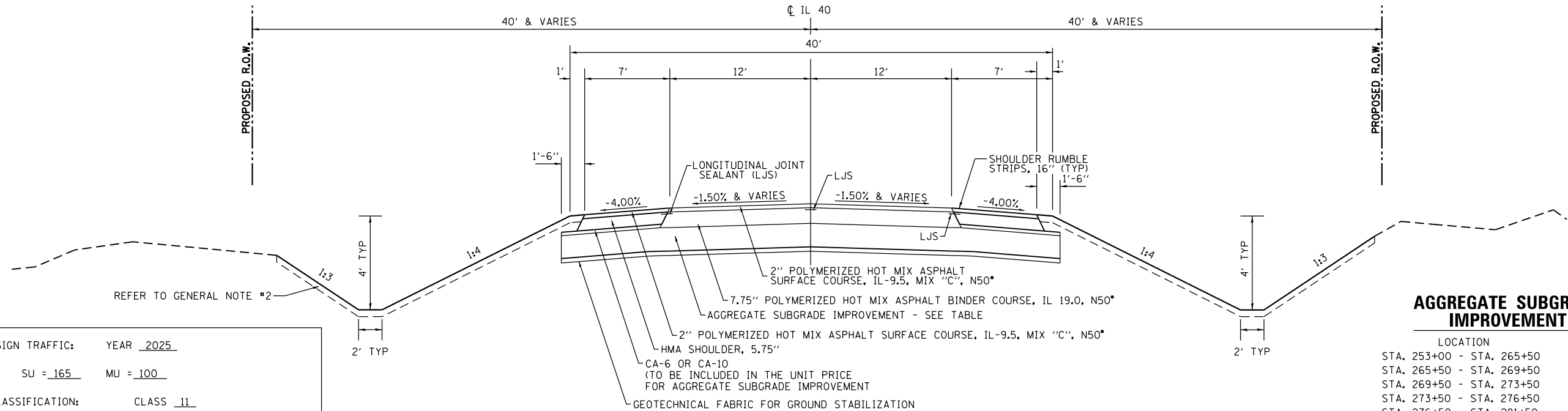
IDEAL ROAD TYPICAL SECTIONS - PROPOSED

SCALE: SHEET 19 OF 197 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	17
JOB #C-92-067-06	CONTRACT NO. 85645			ILLINOIS FED. AID PROJECT

PROPOSED TYPICAL SECTION

STA. 253+00 - STA. 266+67.28
STA. 300+44.40 - STA. 305+60



AGGREGATE SUBGRADE IMPROVEMENT

LOCATION	THICKNESS
STA. 253+00 - STA. 265+50	12"
STA. 265+50 - STA. 269+50	24"
STA. 269+50 - STA. 273+50	12"
STA. 273+50 - STA. 276+50	24"
STA. 276+50 - STA. 281+50	12"
STA. 281+50 - STA. 283+50	15"
STA. 283+50 - STA. 297+50	12"
STA. 297+50 - STA. 301+50	36"
STA. 301+50 - STA. 305+60	12"

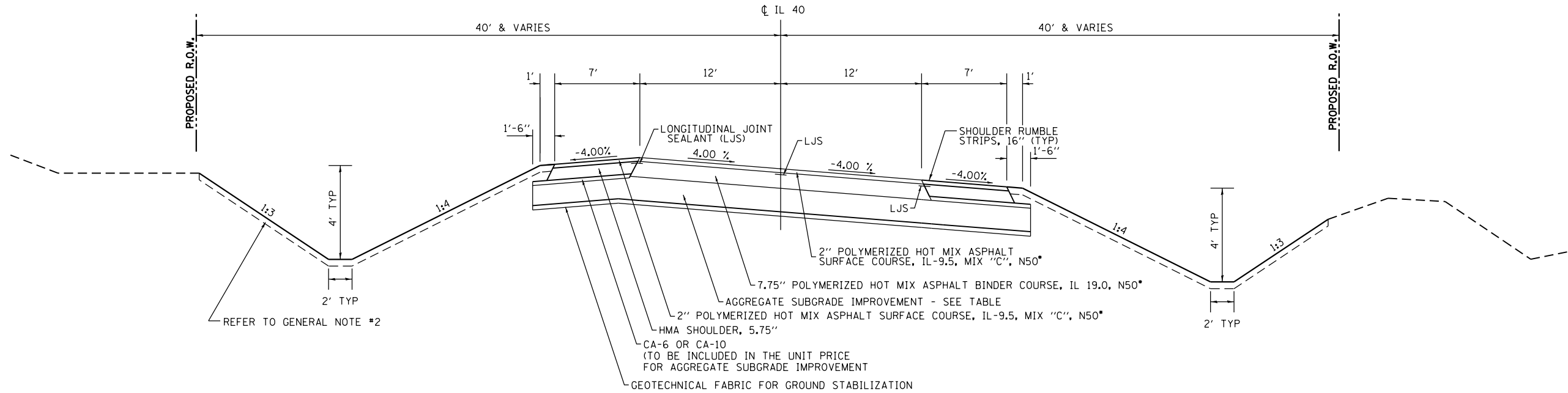
REFER TO GENERAL NOTE #2

STRUCTURAL DESIGN TRAFFIC:	YEAR <u>2025</u>	
PV = <u>1785</u>	SU = <u>165</u>	MU = <u>100</u>
ROAD/STREET CLASSIFICATION:	CLASS <u>11</u>	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = <u>50%</u>	S = <u>50%</u>	M = <u>50%</u>
TRAFFIC FACTOR:	ACTUAL TF = <u>0.57</u>	MINIMUM TF = <u>3.17</u>
PG GRADE:	TOP BINDER = <u>PG 64-22</u>	LOWER BINDER = <u>PG 64-22</u>
	SURFACE = <u>PG 64-22</u>	
SUBGRADE SUPPORT RATING:		
SSR = <u>POOR</u>	(STA. <u>253+00</u> - STA. <u>305+60</u>)	

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK

PROPOSED TYPICAL SECTION SUPERELEVATION

STA. 266+67.28 - STA. 300+44.40



*HOT MIX ASPHALT APPLICATION RATE = 112 LBS/IN/SQ YD



USER NAME = Bryan Hartmann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/12/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

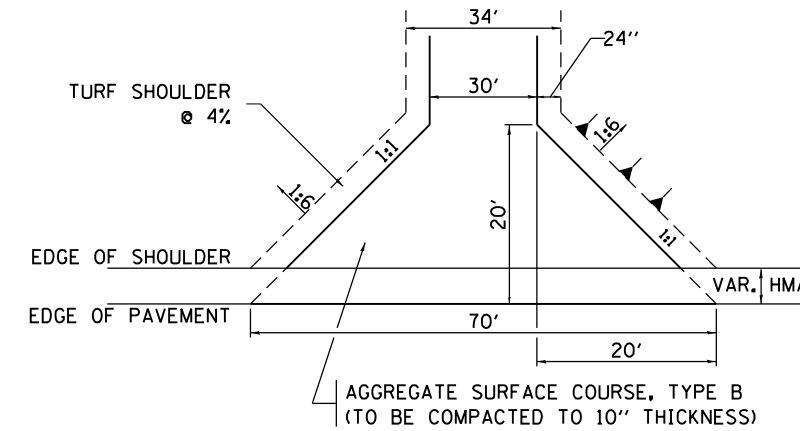
IL ROUTE 40 TYPICAL SECTIONS - PROPOSED

SCALE: SHEET 16 OF 197 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	18
JOB #C-92-067-06	CONTRACT NO. 85645			
ILLINOIS FED. AID PROJECT				

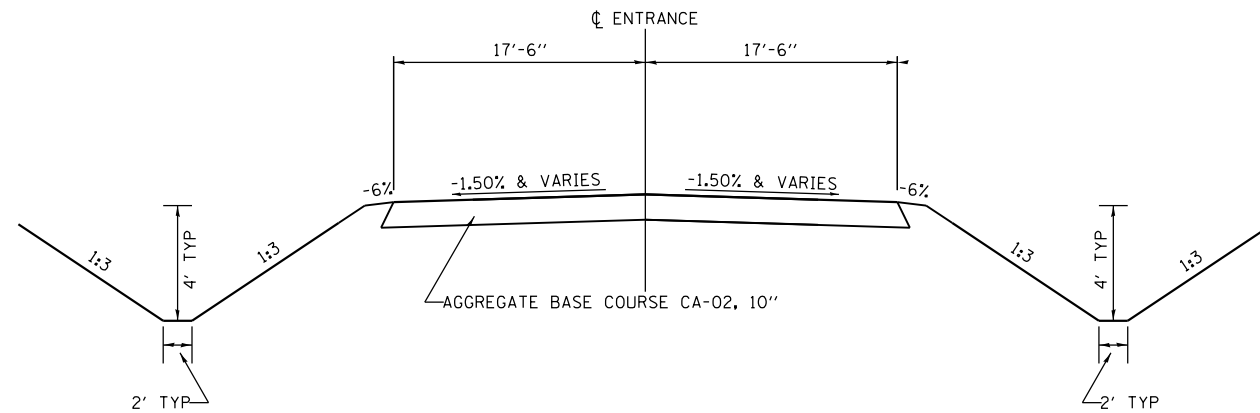
FIELD ENTRANCE

RT. STA. 269+50
 LT. STA. 284+50
 RT. STA. 287+38
 LT. STA. 297+00
 RT. STA. 298+00



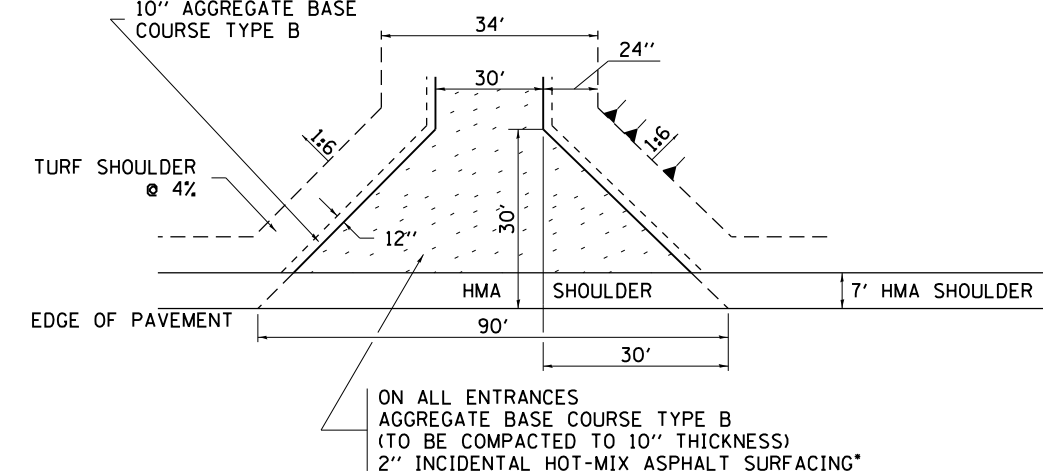
PROPOSED TYPICAL SECTION

STABILIZED CONSTRUCTION ENTRANCE



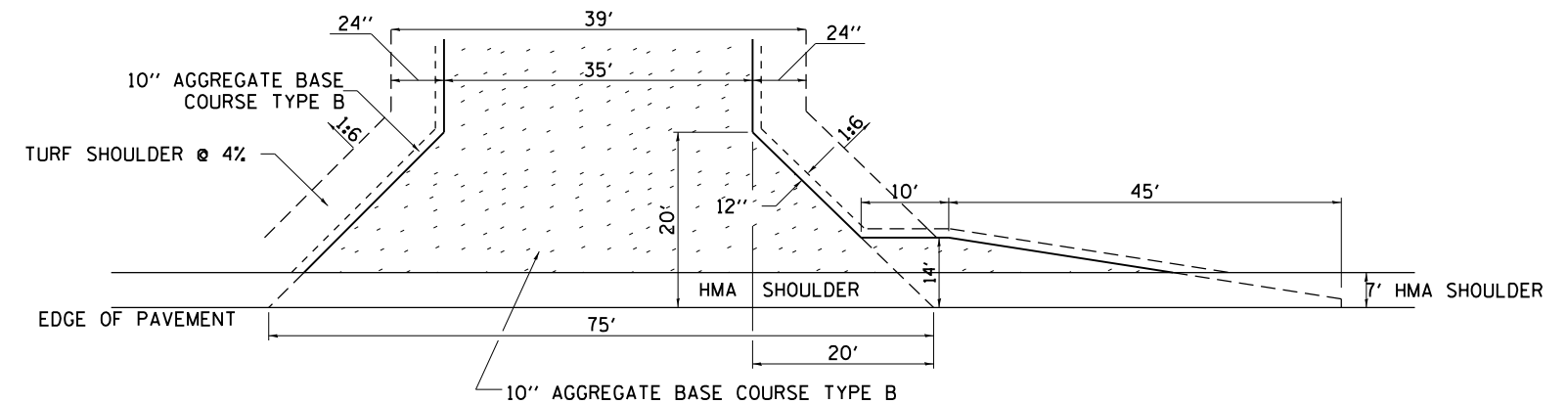
PRIVATE ENTRANCE

LT. STA. 290+50



RAILROAD ENTRANCE

LT. STA. 273+79.31



*HOT MIX ASPHALT APPLICATION RATE = 112 LBS/IN/SQ YD



USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/12/2019	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 40 ENTRANCE TYPICAL SECTIONS - PROPOSED

SCALE: SHEET 17 OF 197 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	19
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

HMA SCHEDULE

JURISDICTION	LOCATION	NOTES	PROPOSED SURFACE	PROPOSED BASE	SHOULDER AREA	SHOULDER AREA	PROPOSED SURFACE	PROPOSED BASE	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE SUBGRADE IMPROVEMENT	AGGREGATE BASE COURSE, TYPE B 10"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SHOULDERS, TYPE B 6"	HOT-MIX ASPHALT SHOULDERS, 3"	HOT-MIX ASPHALT SHOULDERS, 5.75"	
																								Sq Ft
C	STA. 580+00 - STA. 582+50	16" BASE, AGG SHOULDER	6031	6521	2671	297	670	725	725	321		1510	160	114										
C	LT. STA. 580+30	FIELD ENTRANCE	752				84				84													
C	STA. 582+50 - STA. 584+50	18" BASE, AGG SHOULDER	4825	5250	2400	267	536	583	583	292		1210	130	91										
C	RT. STA. 583+22	FIELD ENTRANCE	1106				123				123													
C	STA. 584+50 - STA. 592+58.58	16" BASE, AGG SHOULDER	19507	21090	8291	921	2167	2343	2343	1039		4880	490	370										
C	STA. 592+58.58 - STA. 595+15.16	16" BASE, NO SHOULDERS	6190	11311			688	1257	1257	557		1550	160	117										
C	LT. STA. 592+58.58 - LT. STA. 593+53.81	AGG SHOULDER LT.			574	64																		
C	LT. STA. 593+63.81 - LT. STA. 595+54.44	HMA SHOULDER LT.			1534	170				57		390	40				19						170	
C	RT. STA. 592+68.58 - RT. STA. 595+31.84	HMA SHOULDER RT.			2210	246				82		560	60				28						246	
C	LT. STA. 586+13	FIELD ENTRANCE	964				107				107													
C	RT. STA. 586+13	PRIVATE ENTRANCE	3254				362				362	820												
C	RT. STA. 587+50	PRIVATE ENTRANCE	12999				1444				1444	3250												
C	LT STA. 597+36 - LT STA. 597+64.61	HMA SHOULDER LT.			95	11				4		30	10				1						11	
C	RT STA. 597+13.54 - RT. STA. 597+44.41	HMA SHOULDER RT.			96	11				4		30	10				1						11	
C	STA. 597+54.58 - STA. 600+88.67	16" BASE, HMA SHOULDER	8060	14728	5318	591	896	1636	1636	725		3350	340	153			100	66					591	
I	STA. 600+88.67 - STA. 604+26.56	16" BASE, HMA SHOULDER	10272	15509	5699	633	1141	1723	1723	764		4000	400		195			128	71				633	
									IDEAL RD.	8268	3844	2119	21580	1800	846	195	555	115	128	71	253	1548	1661	0
									TOTALS	SQ. YD.	CU. YD.	SQ. YD.	POUND	POUND	TON	TON	TON	TON	TON	TON	TON	SQ. YD.	SQ. YD.	SQ. YD.

JURISDICTION	LOCATION	NOTES	PROPOSED SURFACE	PROPOSED BASE	SHOULDER AREA	SHOULDER AREA	PROPOSED SURFACE	PROPOSED BASE	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE SUBGRADE IMPROVEMENT	AGGREGATE BASE COURSE, TYPE B 10"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SHOULDERS, TYPE B 6"	HOT-MIX ASPHALT SHOULDERS, 3"	HOT-MIX ASPHALT SHOULDERS, 5.75"	
																								Sq Ft
I	STA. 253+00 - STA. 265+50	12" BASE	30208	51250	17500	1944	3356	5694	5694	2012		11930	2390		1507			470	272					1944
I	STA. 265+50 - STA. 269+50	24" BASE	9667	16400	5600	622	1074	1822	1822	1248		3820	770		482			150	87					622
I	RT. STA. 269+48.12	FIELD ENTRANCE	1404				156				156													
I	STA. 269+50 - STA. 273+50	12" BASE	9667	16400	5600	622	1074	1822	1822	641		3820	770		482			150	87					622
I	LT. STA. 273+79.31	RAILROAD ENTRANCE	5587				621				621													
I	STA. 273+50 - STA. 276+50	24" BASE	7250	12300	4200	467	806	1367	1367	936		2870	580		362			113	65					467
I	STA. 276+50 - STA. 281+50	12" BASE	12083	20500	7000	778	1343	2278	2278	801		4780	960		603			188	109					778
I	STA. 281+50 - STA. 283+50	15" BASE	4833	8200	2800	311	537	911	911	396		1910	390		241			75	44					311
I	LT. STA. 284+50	FIELD ENTRANCE	1912				212				212													
I	RT. STA. 287+38	FIELD ENTRANCE	2974				330				330													
I	STA. 283+50 - STA. 297+50	12" BASE	34968	54068	18466	2052	3885	6008	6008	2112		13360	2680		1744			544	287					2052
I	LT. STA. 290+50	PRIVATE ENTRANCE	5760				640				640	1440								90				
I	LT. STA. 297+00	FIELD ENTRANCE	1653				184				184													
I	RT. STA. 298+00	FIELD ENTRANCE	1863				207				207													
I	STA. 297+50 - STA. 301+50	36" BASE	9667	16400	5600	622	1074	1822	1822	1855		3820	770		482			150	87					622
I	STA. 301+50 - STA. 305+60	12" BASE	9908	16810	5740	638	1101	1868	1868	657		3920	790		494			154	89					638
									IL RT. 40	23592	10658	2350	51670	10100	0	6398	0	0	1995	1128	90	0	0	8056
									TOTALS	SQ. YD.	CU. YD.	SQ. YD.	POUND	POUND	TON	TON	TON	TON	TON	TON	TON	SQ. YD.	SQ. YD.	SQ. YD.
									IDOT TOTAL	25315	11422	2350	55670	10500	0	6593	0	0	2123	1199	90	0	633	8056
									COUNTY TOTAL	6544	3080	2119	17580	1400	846	0	555	115	0	0	253	1548	1028	0

Note: Funding Break on Ideal Road Sta. 600+88.67

REMOVAL ITEMS

20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	IDOT	COUNTY
	LOCATION			
	IDEAL ROAD			
	STA. 596+59, 60' RT.	8		8
	STA. 596+59, 61' RT.	8		8
	STA. 596+59, 61' RT.	8		8
	STA. 596+59, 61' RT.	10		10
	STA. 596+88, 9' RT.	6		6
	STA. 596+88, 8' RT.	8		8
	STA. 596+93, 5' LT.	8		8
	STA. 596+93, 5' LT.	8		8
	STA. 596+93, 5' LT.	6		6
	STA. 596+93, 1' LT.	7		7
	STA. 596+97, 5' LT.	8		8
	STA. 597+15, 50' LT.	7		7
	STA. 597+15, 50' LT.	12		12
	STA. 597+57, 122' LT.	13		13
	STA. 597+60, 110' LT.	8		8
	IL RTE. 40			
	STA. 255+43, 41' LT.	12	12	
	STA. 262+75, 50' LT.	6	6	
	TOTAL	143	18	125
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)			
	LOCATION	UNIT	IDOT	COUNTY
	IDEAL ROAD			
	STA. 592+91, 36' RT.	55		55
	STA. 593+04, 78' RT.	20		20
	STA. 593+04, 78' LT.	20		20
	STA. 593+04, 78' LT.	20		20
	STA. 597+15, 50' LT.	18		18
	STA. 597+68, 127' LT.	20		20
	TOTAL	153	0	153
44000100	PAVEMENT REMOVAL			
	LOCATION	SQ YD	IDOT	COUNTY
	IL RTE. 40			
	STA. 253+00 - STA. 305+60	15555	15555	
	IDEAL ROAD			
	STA. 580+00 - RT. STA. 601+00	4619		4619
	TOTAL	20174	15555	4619
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1			
	LOCATION	EACH	IDOT	COUNTY
	IL RTE. 40			
	STA. 259+22	1	1	
	TOTAL	1	1	0
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2			
	LOCATION	EACH	IDOT	COUNTY
	IL RTE. 40			
	STA. 272+25	1	1	
	TOTAL	1	1	0
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3			
	LOCATION	EACH	IDOT	COUNTY
	IL RTE. 40			
	STA. 304+10	1	1	
	TOTAL	1	1	0
50104400	CONCRETE HEADWALL REMOVAL			
	LOCATION	EACH	IDOT	COUNTY
	IL RTE. 40			
	LT. STA. 285+16	1	1	
	LT. STA. 285+40	1	1	
	TOTAL	2	2	0

63200310	GUARDRAIL REMOVAL	FOOT	IDOT	COUNTY
	LOCATION			
	IDEAL ROAD			
	EXISTING IDEAL ROAD BRIDGE	255		255
	IL RTE. 40			
	RT. STA. 257+61 - 260+39	280	280	
	LT. STA. 258+20 - 261+24	305	305	
	LT. STA. 270+06 - 273+25	326	326	
	LT. STA. 270+88 - 272+82	201	201	
	RT. STA. 303+23 - 304+78	155	155	
	LT. STA. 303+51 - 305+06	155	155	
	TOTAL	1677	1422	255
20007601	BUILDING REMOVAL NO. 1			
	LOCATION	L.SUM	IDOT	COUNTY
	IDEAL ROAD			
	LT. STA. 590+90	1		1
	TOTAL	1	0	1
20007602	BUILDING REMOVAL NO. 2			
	LOCATION	L.SUM	IDOT	COUNTY
	IDEAL ROAD			
	LT. STA. 592+20	1		1
	TOTAL	1	0	1
20007603	BUILDING REMOVAL NO. 3			
	LOCATION	L.SUM	IDOT	COUNTY
	IDEAL ROAD			
	LT. STA. 592+70	1		1
	TOTAL	1	0	1

STAGE 1 CONSTRUCTION

- EXISTING IDEAL RD. & IL. RTE. 40 TO REMAIN OPEN DURING STAGE 1 CONSTRUCTION.
- OFF ROAD OPERATIONS TO CONSTRUCT IDEAL ROAD & IL. RTE. 40 ON NEW ALIGNMENTS WITHOUT HMA SURFACE.

STAGE 2 CONSTRUCTION

- EXISTING IL RT. 40 TO REMAIN OPEN.
- SOUTH END OF EXISTING IDEAL RD. TO BE CLOSED.
- NORTH END OF EXISTING IDEAL RD. TO REMAIN OPEN AND PROVIDE LOCAL ACCESS.
- CONSTRUCT SOUTH ROADWAY CONNECTION BETWEEN EXIST. IDEAL RD. & PROPOSED IDEAL RD.

STAGE 3 CONSTRUCTION

- EXISTING IL RTE. 40 TO REMAIN OPEN.
- EXISTING IDEAL RD. TO BE CLOSED. CONTRACTOR TO PROVIDE LOCAL ACCESS TO SOUTH IDEAL RD. NORTH IDEAL RD. USED FOR CONSTRUCTION TRAFFIC ONLY.
- OFF ROAD OPERATIONS TO CONSTRUCT IDEAL RD. PRIVATE ENTRANCES, REMOVAL OF PAVEMENT ON EXISTING IDEAL RD., GRADING AS NECESSARY.

STAGE 4 CONSTRUCTION

- IDEAL RD. NORTH & IL RTE. 40 TO BE CLOSED AND DETOUR ROUTE PLAN IN PLACE. EXISTING IDEAL RD. (SOUTH) TO BE USED FOR LOCAL ACCESS.
- CONTRACTOR TO PROVIDE LOCAL ACCESS.
- CONSTRUCT ROADWAY CONNECTION BETWEEN PROPOSED IDEAL RD. & PROPOSED IL RTE. 40, & CONNECTIONS BETWEEN EXIST. IL RTE. 40 & PROPOSED IL. RTE. 40.
- CONTRACTOR TO PAVE HMA SURFACE ON MAINLINE & SHOULDERS ALONG IL. RTE 40 & IDEAL ROAD, & INSTALL PAVEMENT MARKINGS & SIGNS.
- REMOVE EXISTING IL. RTE. 40 PAVEMENT, ENTRANCES, CULVERTS, AND REGRADE AS NECESSARY.

STAGE 5 CONSTRUCTION

- IDEAL RD. & IL RTE. 40 NEW ALIGNMENTS TO BE OPENED. REMOVE DETOUR SIGNAGE.
- REMOVE EXISTING BRIDGE ON IDEAL RD.

EARTHWORK SCHEDULE									
IDEAL ROAD					IL 40				
STAGE/LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE (+) WASTE (-) SHORTAGE	STAGE/LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE (+) WASTE (-) SHORTAGE
	CU YD	CU YD	CU YD	CU YD		CU YD	CU YD	CU YD	CU YD
STAGE 1 STA. 585+50 - STA. 596+12	4013	3010	33538	-30528	STAGE 1 STA. 275+00 - STA. 293+50	8815	6611	15900	-9289
STAGE 1 STA. 596+56 - STA. 600+00	2185	1639	23104	-21465	STAGE 2 - NO WORK	0	0	0	0
STAGE 1 STA. 602+50 - STA. 604+45	27	20	5099	-5079	STAGE 3 - NO WORK	0	0	0	0
STAGE 2 STA. 580+00 - STA. 585+50	2218	1664	277	+1387	STAGE 4 STA. 253+00 - STA. 275+00	15969	11977	5133	+6844
STAGE 3 RT. STA. 585+50 - RT. STA. 595+44	319	239	2364	-2125	STAGE 4 LT. STA. 275+00 - LT. STA. 293+50	585	439	10811	-10372
STAGE 4 STA. 600+00 - STA. 602+50	511	383	11500	-11117	STAGE 4 STA. 293+50 - STA. 305+60	15854	11890	383	+11507

EARTHWORK SUMMARY								NOTE A STAGE 4 FURNISHED EXCAVATION	
IDEAL ROAD				IL 40					
CONSTRUCTION STAGE	EARTH EXCAVATION	EARTHWORK BALANCE (+) WASTE (-) SHORTAGE	FURNISHED EXCAVATION	CONSTRUCTION STAGE	EARTH EXCAVATION	EARTHWORK BALANCE (+) WASTE (-) SHORTAGE	FURNISHED EXCAVATION		
	CU YD	CU YD	CU YD		CU YD	CU YD	CU YD		
STAGE 1	6225	-57072	57072	STAGE 1	8815	-9289	9289	EARTHWORK BALANCE FROM IDEAL RD STAGE 4	-11117
STAGE 2	2218	+1387	0	STAGE 2	0	0	0	EARTHWORK BALANCE FROM IDEAL RD STAGE 2	+1387
STAGE 3	319	-2125	2125	STAGE 3	0	0	0	EARTHWORK BALANCE FROM IL RTE. 40 STAGE 4	+7979
STAGE 4	511	-11117	1751	STAGE 4	32408	+7979	0		
	9273	-68927	60948		41223	-1310	9289		-1751

SCHEDULE OF QUANTITIES EROSION CONTROL ITEMS

25000210 SEEDING, CLASS 2A				
LOCATION	ACRE	IDOT	COUNTY	
IDEAL ROAD	5.25		5.25	
IL RTE. 40	6.25	6.25		
TOTAL	11.50	6.25	5.25	
25000310 SEEDING, CLASS 4				
LOCATION	ACRE	IDOT	COUNTY	
IDEAL ROAD	3.5		3.5	
IL RTE. 40	11.75	11.75		
TOTAL	15.25	11.75	3.5	
25000400 NITROGEN FERTILIZER NUTRIENT				
LOCATION	POUND	IDOT	COUNTY	
IDEAL ROAD	788		788	
IL RTE. 40	1620	1620		
TOTAL	2408	1620	788	
25000500 PHOSPHORUS FERTILIZER NUTRIENT				
LOCATION	POUND	IDOT	COUNTY	
IDEAL ROAD	788		788	
IL RTE. 40	1620	1620		
TOTAL	2408	1620	788	
25000600 POTASSIUM FERTILIZER NUTRIENT				
LOCATION	POUND	IDOT	COUNTY	
IDEAL ROAD	788		788	
IL RTE. 40	1620	1620		
TOTAL	2408	1620	788	
25100125 MULCH, METHOD 3				
LOCATION	ACRE	IDOT	COUNTY	
IDEAL ROAD	8.00		8.00	
IL RTE. 40	16.25	16.25		
TOTAL	24.25	16.25	8.00	
25100630 EROSION CONTROL BLANKET				
LOCATION	SQ YD	IDOT	COUNTY	
IDEAL ROAD				
RT. STA. 580+00 - RT. STA. 582+83 - 8.3' WIDTH	283		283	
LT. STA. 580+57 - LT. STA. 585+79 - 8.3' WIDTH	484		484	
RT. STA. 583+60 - RT. STA. 585+78 - 8.3' WIDTH	208		208	
RT. STA. 586+40 - RT. STA. 5+13 - 8.3' WIDTH	517		517	
LT. STA. 586+47 - LT. STA. 587+00 - 8.3' WIDTH	52		52	
RT. STA. 588+00 - RT. STA. 595+00 - 8.3' WIDTH	663		663	
LT. STA. 588+50 - LT. STA. 595+00 - 8.3' WIDTH	639		639	
LT. STA. 598+00 - LT. STA. 599+00 - 8.3' WIDTH	127		127	
RT. STA. 601+50 - RT. STA. 603+13 - 12.5' WIDTH	220	220		
IL RTE. 40				
LT. STA. 253+00 - LT. STA. 259+92 - 12.5' WIDTH	996	996		
RT. STA. 253+00 - RT. STA. 258+89 - 12.5' WIDTH	858	858		
LT. STA. 260+20 - LT. STA. 270+00 - 11.8' WIDTH	1335	1335		
LT. STA. 270+00 - LT. STA. 273+31 - 12.5' WIDTH	480	480		
RT. STA. 269+65 - RT. STA. 273+00 - 12.5' WIDTH	475	475		
RT. STA. 273+00 - RT. STA. 277+00 - 18.8' WIDTH	857	857		
LT. STA. 274+20 - LT. STA. 282+00 - 14.6' WIDTH	1324	1324		
LT. STA. 282+00 - LT. STA. 284+10 - 12.5' WIDTH	303	303		
RT. STA. 279+00 - RT. STA. 282+00 - 18.8' WIDTH	643	643		
LT. STA. 285+06 - LT. STA. 286+75 - 12.5' WIDTH	283	283		
LT. STA. 288+62 - LT. STA. 290+17 - 12.5' WIDTH	329	329		
LT. STA. 290+81 - LT. STA. 296+85 - 10.4' WIDTH	764	764		
RT. STA. 292+50 - RT. STA. 297+85 - 12.5' WIDTH	760	760		
LT. STA. 297+15 - LT. STA. 304+10 - 11.8' WIDTH	948	948		
RT. STA. 298+15 - RT. STA. 304+10 - 15.3' WIDTH	1043	1043		
LT. STA. 304+10 - LT. STA. 305+60 - 12.5' WIDTH	217	217		
TOTAL	14810	11836	2974	

25100900 TURF REINFORCEMENT MAT				
LOCATION	SQ YD	IDOT	COUNTY	
IDEAL ROAD				
RT. STA. 603+26	64	64		
IL RTE. 40				
LT. STA. 260+06	72	72		
RT. STA. 259+00 - RT. STA. 269+35 - 13.2' WIDTH	1588	1588		
RT. STA. 282+00 - RT. STA. 286+88 - 14.6' WIDTH	805	805		
RT. STA. 287+94 - RT. STA. 288+62 - 14.6' WIDTH	106	106		
RT. STA. 288+62 - RT. STA. 292+50 - 16.7' WIDTH	737	737		
RT. STA. 304+10 - RT. STA. 305+60 - 12.5' WIDTH	217	217		
TOTAL	3589	3589	0	
28000250 TEMPORARY EROSION CONTROL SEEDING				
LOCATION	POUND	IDOT	COUNTY	
IDEAL ROAD	2350		2350	
IL RTE. 40	4980	4980		
TOTAL	7330	4980	2350	
28000305 TEMPORARY DITCH CHECKS				
LOCATION	FOOT	IDOT	COUNTY	
IDEAL ROAD				
RT & LT STA. 581+00	20		20	
RT & LT STA. 582+00	20		20	
RT & LT STA. 582+50	20		20	
LT STA. 583+00	10		10	
RT & LT STA. 584+00	20		20	
RT & LT STA. 585+00	20		20	
RT STA. 586+75	10		10	
LT STA. 587+00	10		10	
LT STA. 588+50	10		10	
RT & LT STA. 589+00	20		20	
RT & LT STA. 589+50	20		20	
RT & LT STA. 590+00	20		20	
RT & LT STA. 590+50	20		20	
RT & LT STA. 591+00	20		20	
RT & LT STA. 591+50	20		20	
RT & LT STA. 592+00	20		20	
RT & LT STA. 592+50	20		20	
RT & LT STA. 593+00	20		20	
RT & LT STA. 593+50	20		20	
RT & LT STA. 594+00	20		20	
RT & LT STA. 594+50	20		20	
RT & LT STA. 598+50	20		20	
LT STA. 598+70	10		10	
RT STA. 598+90	10		10	
LT STA. 599+00	10		10	
RT STA. 599+30	10		10	
LT STA. 599+40	10		10	
RT STA. 599+90	10		10	
RT STA. 600+40	10	10		
RT. STA. 600+80	10	10		
RT STA. 601+50	10	10		
RT STA. 601+90	10	10		
RT STA. 602+30	10	10		
RT STA. 602+70	10	10		
RT STA. 603+30	10	10		
IL RTE. 40				
RT & LT STA. 253+00	20	20		
RT & LT STA. 253+34	20	20		
RT & LT STA. 254+00	20	20		
RT & LT STA. 254+66	20	20		
RT & LT STA. 255+32	20	20		
RT & LT STA. 255+98	20	20		
RT & LT STA. 257+00	20	20		
RT & LT STA. 258+00	20	20		
LT STA. 259+00	10	10		
RT STA. 260+00	10	10		
RT & LT STA. 261+00	20	20		
RT & LT STA. 262+00	20	20		
RT & LT STA. 263+00	20	20		
RT & LT STA. 264+00	20	20		
RT & LT STA. 265+00	20	20		
RT & LT STA. 266+00	20	20		
RT & LT STA. 267+00	20	20		
RT & LT STA. 268+00	20	20		

RT & LT STA. 269+00	20	20	
RT STA. 270+00	10	10	
RT & LT STA. 271+00	20	20	
RT & LT STA. 272+00	20	20	
RT & LT STA. 273+00	20	20	
RT STA. 274+00	10	10	
RT & LT STA. 275+00	20	20	
RT & LT STA. 276+00	20	20	
LT STA. 278+00	10	10	
RT & LT STA. 279+00	20	20	
RT & LT STA. 280+00	20	20	
RT & LT STA. 281+00	20	20	
RT & LT STA. 283+00	20	20	
RT & LT STA. 286+00	20	20	
RT STA. 288+20	10	10	
RT STA. 289+00	10	10	
RT STA. 290+00	10	10	
RT STA. 291+00	10	10	
RT & LT STA. 292+00	20	20	
RT & LT STA. 293+00	20	20	
RT & LT STA. 294+00	20	20	
RT & LT STA. 295+00	20	20	
RT & LT STA. 296+00	20	20	
RT STA. 297+00	10	10	
RT & LT STA. 298+80	20	20	
RT & LT STA. 299+46	20	20	
RT & LT STA. 300+12	20	20	
RT & LT STA. 300+78	20	20	
RT & LT STA. 301+44	20	20	
RT & LT STA. 302+10	20	20	
RT & LT STA. 302+76	20	20	
RT & LT STA. 303+42	20	20	
RT STA. 304+45	10	10	
LT STA. 304+85	10	10	
RT STA. 305+60	10	10	
TOTAL	1460	1000	460

**SCHEDULE OF QUANTITIES
EROSION CONTROL ITEMS**

28000400	PERIMETER EROSION BARRIER			
LOCATION		FOOT	IDOT	COUNTY
IDEAL ROAD				
LT STA. 586+75 - STA. 596+16		1116		1116
RT STA. 593+00 - STA. 596+16		495		495
STA. 596+60 - LT STA. 600+88		730		730
STA. 596+60 - RT STA. 599+00		494		494
LT STA. 600+88 - LT STA. 603+75		202	202	
IL RTE. 40				
RT STA. 258+00 - RT STA. 260+00		230	230	
LT STA. 271+00 - LT STA. 273+00		210	210	
RT STA. 276+00 - RT STA. 279+50		350	350	
LT STA. 284+00 - RT STA. 286+60		300	300	
LT STA. 288+40 - LT STA. 290+33		211	211	
LT STA. 288+25 - LT STA. 290+70		261	261	
LT STA. 290+65 - LT STA. 292+10		146	146	
LT STA. 291+00 - LT STA. 295+00		440	440	
LT STA. 302+75 - LT STA. 305+40		296	296	
	TOTAL	5481	2646	2835
28000500 INLET AND PIPE PROTECTION				
LOCATION		EACH	IDOT	COUNTY
IDEAL ROAD				
LT STA. 580+03		1		1
RT STA. 582+26		1		1
RT STA. 583+60		1		1
RT STA. 586+40		1		1
LT STA. 586+47		1		1
RT STA. 588+00		1		1
LT STA. 602+47		1	1	
RT STA. 603+26		1	1	
IL RTE. 40				
LT STA. 260+06		1	1	
RT STA. 272+26		1	1	
LT STA. 274+20		1	1	
LT STA. 277+24		1	1	
LT STA. 284+10		1	1	
RT STA. 286+88		1	1	
RT STA. 288+62		1	1	
RT STA. 304+10		1	1	
LT STA. 290+84		1	1	
IDEAL ROAD PRIVATE ENTRANCE				
LT STA. 5+06		1		1
	TOTAL	18	11	7

28100105	STONE RIPRAP, CLASS A3			
LOCATION		SQ YD	IDOT	COUNTY
IDEAL ROAD				
RT STA. 594+87		25		25
LT STA. 598+04		19		19
	TOTAL	44	0	44
28100109 STONE RIPRAP, CLASS A5				
LOCATION		SQ YD	IDOT	COUNTY
IDEAL ROAD				
LT STA. 603+26		38	38	
IL RTE. 40				
RT STA. 259+58		44	44	
LT STA. 272+26		52	52	
LT STA. 288+62		61	61	
LT STA. 304+10		15	15	
	TOTAL	210	210	0
28200200 FILTER FABRIC				
LOCATION		SQ YD	IDOT	COUNTY
IDEAL ROAD				
RT STA. 594+87		25		25
LT STA. 598+04		19		19
STA. 603+26		38	38	
IL RTE. 40				
RT STA. 259+58		44	44	
LT STA. 272+26		52	52	
LT STA. 288+62		61	61	
LT STA. 304+10		15	15	
	TOTAL	254	210	44

DRAINAGE SCHEDULE

20800150	TRENCH BACKFILL	CU YD	IDOT	COUNTY
	LOCATION			
	IDEAL ROAD			
	LT STA. 580+30	4		4
	LT STA. 586+13	7		7
	S.S. @ BRIDGE	26		26
	S.S. @ BRIDGE	28		28
	RT STA. 583+23	11		11
	STA. 582+26	11		11
	STA. 588+00	29		29
	STA. 603+26	32	32	
	IL RTE. 40			
	STA. 259+50	103	103	
	STA. 272+26	22	22	
	LT STA. 273+79	28	28	
	LT STA. 284+50	24	24	
	RT STA. 287+38	29	29	
	STA. 288+62	60	60	
	LT STA. 290+50	7	7	
	STA. 304+10	20	20	
	TOTAL	441	325	116
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	IDOT	COUNTY
	LOCATION			
	CONTINGENCY PAY ITEM	100	100	
	TOTAL	100	100	0
54205047	PIPE CULVERTS, SPECIAL 12"	FOOT	IDOT	COUNTY
	LOCATION			
	IDEAL ROAD			
	RT. STA. 594+86 - LT. STA. 595+08	37		37
	RT. STA. 597+62 - LT. STA. 597+81	37		37
	RT. STA. 594+86 - RT. STA. 594+87	66		66
	LT. STA. 597+81 - LT. STA. 598+04	100		100
	TOTAL	240	0	240
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	IDOT	COUNTY
	LOCATION			
	IDEAL ROAD			
	LT STA. 603+26	1	1	
	RT. & LT. STA. 588+00	2		2
	IL RTE. 40			
	LT. STA. 273+31	1	1	
	LT STA. 274+20	1	1	
	TOTAL	5	3	2
54261436	CONCRETE END SECTION, STANDARD 542001, 36", 1:4	EACH	IDOT	COUNTY
	LOCATION			
	IL RTE. 40			
	RT STA. 304+10	1	1	
	TOTAL	1	1	0
54261442	CONCRETE END SECTION, STANDARD 542001, 42", 1:4	EACH	IDOT	COUNTY
	LOCATION			
	IL RTE. 40			
	RT & LT STA. 272+26	2	2	
	TOTAL	2	2	0
54261448	CONCRETE END SECTION, STANDARD 542001, 48", 1:4	EACH	IDOT	COUNTY
	LOCATION			
	IL RTE. 40			
	RT & LT STA. 288+62	2	2	
	TOTAL	2	2	0
54214731	PRECAST REINFORCED CONCRETE FLARED END SECTIONS-ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	EACH	IDOT	COUNTY
	LOCATION			
	IDEAL ROAD			
	RT & LT STA. 582+26	4		4
	TOTAL	4	0	4

5421A024	PIPE CULVERTS, CLASS A, TYPE 1 24" (TEMPORARY)	FOOT	IDOT	COUNTY
	LOCATION			
	IL RTE. 40			
	LT. STA. 276+74.36	113	113	
	TOTAL	113	113	0
54248510	CONCRETE COLLAR	CU YD	IDOT	COUNTY
	LOCATION			
	IDEAL ROAD			
	LT. STA. 597+93	2		2
	RT. STA. 594+88	1.5		1.5
	IL RTE. 40			
	LT. STA. 260+06	0.5	0.5	
	TOTAL	4	0.5	3.5
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	IDOT	COUNTY
	LOCATION			
	IL RTE. 40			
	RT STA. 259+07	31	31	
	RT & LT STA. 272+26	52	52	
	RT & LT STA. 288+62	60	60	
	RT & LT STA. 304+10	51	51	
	TOTAL	194	194	0
54262712	METAL FLARED END SECTIONS 12"	EACH	IDOT	COUNTY
	LOCATION			
	IDEAL ROAD			
	RT. STA. 594+87	1		1
	LT. STA. 598+04	1		1
	TOTAL	2	0	2
54262715	METAL FLARED END SECTIONS 15"	EACH	IDOT	COUNTY
	LOCATION			
	IDEAL ROAD			
	LT STA. 580+03	1		1
	LT STA. 580+57	1		1
	LT STA. 585+79	1		1
	LT STA. 586+47	1		1
	IDEAL ROAD PRIVATE ENTRANCE			
	LT. & RT. STA. 5+06	2		2
	TOTAL	6	0	6
54262718	METAL FLARED END SECTIONS 18"	EACH	IDOT	COUNTY
	LOCATION			
	IL RTE. 40			
	LT. STA. 284+10	1	1	
	LT STA. 285+06	1	1	
	LT. STA. 290+20	1	1	
	LT. STA. 290+84	1	1	
	TOTAL	4	4	0
54262724	METAL FLARED END SECTIONS 24"	EACH	IDOT	COUNTY
	LOCATION			
	IL RTE. 40			
	RT. STA. 286+88	1	1	
	RT. STA. 287+94	1	1	
	TOTAL	2	2	0
54262727	METAL FLARED END SECTIONS 27"	EACH	IDOT	COUNTY
	LOCATION			
	IDEAL ROAD			
	RT STA. 582+83	1		1
	RT STA. 583+60	1		1
	RT STA. 585+78	1		1
	RT STA. 586+40	1		1
	TOTAL	4	0	4
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	IDOT	COUNTY
	LOCATION			
	IL RTE. 40			
	LT STA. 273+79	97	97	
	TOTAL	97	97	0
542A0247	PIPE CULVERTS, CLASS A, TYPE 1 42"	FOOT	IDOT	COUNTY
	LOCATION			
	IL RTE. 40			
	STA. 272+26	55	55	
	TOTAL	55	55	0

DRAINAGE SCHEDULE

ITEM NO.	DESCRIPTION	FOOT	IDOT	COUNTY
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"			
	LOCATION			
	IDEAL ROAD STA. 588+00	74		74
	TOTAL	74	0	74
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"			
	LOCATION			
	IDEAL ROAD STA. 304+10	54	54	
	TOTAL	54	54	0
542A1093	PIPE CULVERTS, CLASS A, TYPE 2 48"			
	LOCATION			
	IDEAL ROAD STA. 288+62	89	89	
	TOTAL	89	89	0
542A1909	PIPE CULVERTS, CLASS A, TYPE 3 24"			
	LOCATION			
	IDEAL ROAD STA. 603+26	125	125	
	TOTAL	125	125	0
542A1921	PIPE CULVERTS, CLASS A, TYPE 3 36"			
	LOCATION			
	IDEAL ROAD STA. 259+62	152	152	
	TOTAL	152	152	0
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"			
	LOCATION			
	IDEAL ROAD STA. 582+26	104		104
	TOTAL	104	0	104
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"			
	LOCATION			
	IDEAL ROAD			
	LT STA. 580+30	53		53
	LT STA. 586+13	68		68
	IDEAL ROAD PRIVATE ENTRANCE STA. 5+06	38		38
	TOTAL	159	0	159
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"			
	LOCATION			
	IDEAL ROAD LT STA. 290+50	70	70	
	TOTAL	70	70	0
542D0232	PIPE CULVERTS, CLASS D, TYPE 1 27"			
	LOCATION			
	IDEAL ROAD			
	RT STA. 583+23	73		73
RT STA. 586+13	58		58	
	TOTAL	131	0	131
542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"			
	LOCATION			
	IDEAL ROAD LT STA. 284+50	95	95	
	TOTAL	95	95	0
542D1069	PIPE CULVERTS, CLASS D, TYPE 2 24"			
	LOCATION			
	IDEAL ROAD RT STA. 287+37.59	104	104	
	TOTAL	104	104	0

ITEM NO.	DESCRIPTION	CU YD	IDOT	COUNTY
60100080	FRENCH DRAINS			
	LOCATION			
	IL RTE. 40			
	SUBBASE THICKNESS			
	RT. STA. 265+50	24"	1.8	1.8
	LT. STA. 265+50	24"	1.8	1.8
	RT. STA. 273+21.23	12"	0.7	0.7
	LT. STA. 273+21.23	12"	0.7	0.7
	RT. STA. 273+50	24"	1.8	1.8
	RT. STA. 281+50	15"	1.0	1.0
	LT. STA. 281+50	15"	1.0	1.0
	RT. STA. 283+50	15"	1.0	1.0
	LT. STA. 283+50	15"	1.0	1.0
	RT. STA. 290+04.45	12"	0.7	0.7
	LT. STA. 290+04.45	12"	0.7	0.7
	RT. STA. 297+50	36"	3.6	3.6
	LT. STA. 297+50	36"	3.6	3.6
	RT. STA. 301+50	36"	3.6	3.6
	LT. STA. 301+50	36"	3.6	3.6
	RT. STA. 303+95.67	12"	0.7	0.7
	LT. STA. 303+95.67	12"	0.7	0.7
	IDEAL ROAD			
	RT. STA. 603+64.38	16"	1.3	1.3
LT. STA. 603+64.38	16"	1.3	1.3	
	TOTAL	30.6	30.6	0
60100085	GEOTECHNICAL FABRIC FOR FRENCH DRAINS			
	LOCATION			
	IL RTE. 40			
	SUBBASE THICKNESS			
	RT. STA. 265+50	24"	8.7	8.7
	LT. STA. 265+50	24"	8.7	8.7
	RT. STA. 273+21.23	12"	5.1	5.1
	LT. STA. 273+21.23	12"	5.1	5.1
	RT. STA. 273+50	24"	8.7	8.7
	RT. STA. 281+50	15"	6.0	6.0
	LT. STA. 281+50	15"	6.0	6.0
	RT. STA. 283+50	15"	6.0	6.0
	LT. STA. 283+50	15"	6.0	6.0
	RT. STA. 290+04.45	12"	5.1	5.1
	LT. STA. 290+04.45	12"	5.1	5.1
	RT. STA. 297+50	36"	14.0	14.0
	LT. STA. 297+50	36"	14.0	14.0
	RT. STA. 301+50	36"	14.0	14.0
	LT. STA. 301+50	36"	14.0	14.0
	RT. STA. 303+95.67	12"	5.1	5.1
	LT. STA. 303+95.67	12"	5.1	5.1
	IDEAL ROAD			
	RT. STA. 603+64.38	16"	8.2	8.2
LT. STA. 603+64.38	16"	8.2	8.2	
	TOTAL	153.1	153.1	0
60100925	PIPE DRAINS 8"			
	LOCATION			
	CONTINGENCY PAY ITEM	50	50	
	TOTAL	50	50	0
60100935	PIPE DRAINS 10"			
	LOCATION			
	CONTINGENCY PAY ITEM	50	50	
	TOTAL	50	50	0
60100945	PIPE DRAINS 12"			
	LOCATION			
	CONTINGENCY PAY ITEM	50	50	
	TOTAL	50	50	0
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.			
	LOCATION			
	CONTINGENCY PAY ITEM	2	2	
	TOTAL	2	2	0

ITEM NO.	DESCRIPTION	EACH	IDOT	COUNTY
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.			
	LOCATION			
	CONTINGENCY PAY ITEM	2	2	
	TOTAL	2	2	0
X0323660	DROP BOX NO.1			
	LOCATION			
	IDEAL ROAD RT STA. 603+26	1	1	
	TOTAL	1	1	0
X0323661	DROP BOX NO.2			
	LOCATION			
	IDEAL ROAD LT STA. 260+06	1	1	
	TOTAL	1	1	0
X5428836	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36" (SPECIAL)			
	LOCATION			
	IDEAL ROAD RT STA. 259+07	1	1	
	TOTAL	1	1	0
X6020182	DRAINAGE STRUCTURE SPECIAL			
	LOCATION			
	IDEAL ROAD LT. STA. 304+10	1	1	
	TOTAL	1	1	0
X6024240	INLETS, SPECIAL			
	LOCATION			
	IDEAL ROAD			
	RT. STA. 594+86	1		1
	LT. STA. 595+08	1		1
	RT. STA. 597+62	1		1
LT. STA. 597+81	1		1	
	TOTAL	4	0	4

IDEAL ROAD CURVE DATA

IDEAL ROAD
PROP. CURVE 71210
PI STA. = 579+29.21
Δ = 103° 11' 11" (LT)
D = 7° 26' 15"
R = 770.37'
T = 971.73'
L = 1387.39'
E = 469.68'
P.C. STA. = 569+57.48
P.T. STA. = 583+44.87

IDEAL ROAD
PROP. CURVE 71220
PI STA. = 590+24.91
Δ = 14° 45' 45" (RT)
D = 1° 54' 35"
R = 3000.00'
T = 388.64'
L = 772.97'
E = 25.07'
P.C. STA. = 586+36.28
P.T. STA. = 594+09.24

IDEAL ROAD
PROP. CURVE 71230
PI STA. = 600+50.10
Δ = 65° 45' 52" (RT)
D = 15° 04' 40"
R = 380.00'
T = 245.67'
L = 436.17'
E = 72.49'
P.C. STA. = 598+04.44
P.T. STA. = 602+40.60

P.E. RT. STA. 586+13
PROP. CURVE WES2
PI STA. = 0+30.16
Δ = 9° 16' 50" (RT)
D = 15° 25' 03"
R = 371.63'
T = 30.16'
L = 60.20'
E = 1.22'
P.C. STA. = 0+00.00
P.T. STA. = 0+60.20

P.E. RT. STA. 587+50
PROP. CURVE WES200
PI STA. = 1+12.25
Δ = 76° 56' 30" (LT)
D = 114° 35' 30"
R = 50.00'
T = 39.73'
L = 67.14'
E = 13.86'
P.C. STA. = 0+72.52
P.T. STA. = 1+39.67

P.E. RT. STA. 587+50
PROP. CURVE WES210
PI STA. = 4+92.65
Δ = 90° 00' 00" (RT)
D = 190° 59' 09"
R = 30.00'
T = 30.00'
L = 47.12'
E = 12.43'
P.C. STA. = 4+62.65
P.T. STA. = 5+09.78

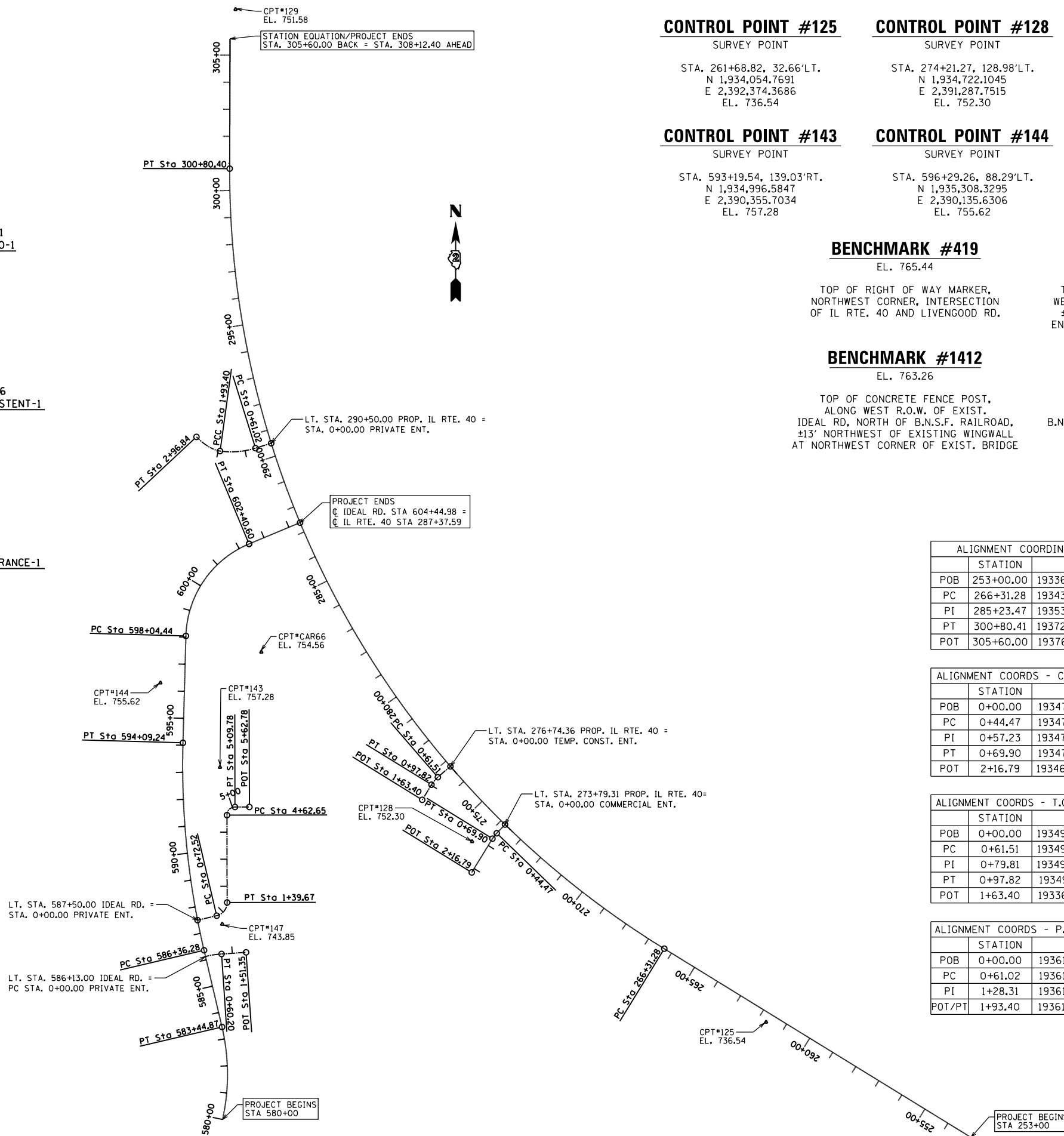
IL RTE. 40 CURVE DATA

IL ROUTE 40
PROP. CURVE DATA
PI STA. = 285+23.47
Δ = 58° 33' 15" (RT)
D = 1° 41' 52"
R = 3,375.00'
T = 1,892.19'
L = 3,449.12'
E = 494.24'
P.C. STA. = 266+31.28
P.T. STA. = 300+80.40

P.E. LT. STA. 273+79.31
PROP. CURVE RRENTIL40-1
PI STA. = 0+57.23
Δ = 12° 24' 07" (LT)
D = 48° 45' 45"
R = 117.50'
T = 12.77'
L = 25.43'
E = 0.69'
P.C. STA. = 0+44.47
P.T. STA. = 0+69.90

P.E. LT. STA. 276+74.36
PROP. CURVE PIL40CONSTENT-1
PI STA. = 0+79.81
Δ = 17° 42' 28" (LT)
D = 48° 45' 45"
R = 117.50'
T = 18.30'
L = 36.31'
E = 1.42'
P.C. STA. = 0+61.51
P.T. STA. = 0+97.82

P.E. LT. STA. 290+50
PROP. CURVE PIL40ENTRANCE-1
PI STA. = 1+28.31
Δ = 25° 17' 03" (RT)
D = 19° 05' 55"
R = 300.00'
T = 67.29'
L = 132.39'
E = 7.45'
P.C. STA. = 0+61.02
P.T. STA. = 1+93.40



CONTROL POINT #125
SURVEY POINT
STA. 261+68.82, 32.66'LT.
N 1,934,054.7691
E 2,392,374.3686
EL. 736.54

CONTROL POINT #128
SURVEY POINT
STA. 274+21.27, 128.98'LT.
N 1,934,722.1045
E 2,391,287.7515
EL. 752.30

CONTROL POINT #129
SURVEY POINT
STA. 309+21.42, 21.18'RT.
N 1,937,796.7869
E 2,390,413.1759
EL. 751.58

CONTROL POINT #CAR66
TYPE II PERMANANT SURVEY MARKER
STA. 283+85.62, 336.79'LT.
N 1,935,421.3760
E 2,390,507.4630
EL. 754.56

CONTROL POINT #143
SURVEY POINT
STA. 593+19.54, 139.03'RT.
N 1,934,996.5847
E 2,390,355.7034
EL. 757.28

CONTROL POINT #144
SURVEY POINT
STA. 596+29.26, 88.29'LT.
N 1,935,308.3295
E 2,390,135.6306
EL. 755.62

CONTROL POINT #147
SURVEY POINT
STA. 587+18.27, 87.77'RT.
N 1,934,416.8202
E 2,390,364.0499
EL. 743.85

BENCHMARK #419
EL. 765.44
TOP OF RIGHT OF WAY MARKER, NORTHWEST CORNER, INTERSECTION OF IL RTE. 40 AND LIVENGOOD RD.

BENCHMARK #1410
EL. 739.77
TOP OF RIGHT OF WAY MARKER, WEST SIDE OF EXIST. IL RTE. 40, ±50' SOUTH OF EXIST. PRIVATE ENTRANCE, LT. PROP. STA. 290+00

BENCHMARK #1411
EL. 762.42
60D NAIL IN POWER POLE, WEST SIDE OF EXIST. IL RTE. 40, ±100' NORTH OF EXIST. FIELD ENTRANCE, LT. PROP. STA. 297+00

BENCHMARK #1412
EL. 763.26
TOP OF CONCRETE FENCE POST, ALONG WEST R.O.W. OF EXIST. IDEAL RD, NORTH OF B.N.S.F. RAILROAD, ±13' NORTHWEST OF EXISTING WINGWALL AT NORTHWEST CORNER OF EXIST. BRIDGE

BENCHMARK #1413
EL. 745.70
60D NAIL IN POWER POLE, ALONG SOUTH R.O.W. LINE OF B.N.S.F. RAILROAD, LT. STA. 267±00

BENCHMARK #CAR66
EL. 754.56
TYPE II PERMANENT SURVEY MARKER, SOUTHEAST CORNER, INTERSECTION OF EXIST. IL RTE 40 AND EXISTING FIELD ENTRANCE/IDEAL RD.

ALIGNMENT COORDINATES - IL RTE. 40

STATION	N	E
POB 253+00.00	1933627.4723	2393131.5536
PC 266+31.28	1934324.8467	2391997.5465
PI 285+23.47	1935316.0460	2390385.7480
PT 300+80.41	1937208.2267	2390390.5105
POT 305+60.00	1937687.8196	2390391.7175

ALIGNMENT COORDINATES - IDEAL ROAD

STATION	N	E
PC 569+57.48	1933089.3354	2389611.9398
PI 579+29.21	1933089.2090	2390583.6666
POB 580+00.00	1933693.3509	2390364.2322
PT 583+44.87	1934035.3428	2390362.1178
PC 586+36.28	1934319.0732	2390295.6789
PI 590+24.91	1934697.4735	2390207.0718
PT 594+09.24	1935085.9612	2390217.8115
PC 598+04.44	1935481.0051	2390228.7325
PI 600+50.10	1935726.5767	2390235.5213
PT 602+40.60	1935821.1910	2390462.2362
POT 604+44.98	1935899.9029	2390650.8459

ALIGNMENT COORDS - C.E. LT. STA. 273+79.31

STATION	N	E
POB 0+00.00	1934783.8172	2391408.8114
PC 0+44.47	1934751.8270	2391377.9277
PI 0+57.23	1934742.6423	2391369.0606
PT 0+69.90	1934731.7676	2391362.3730
POT 2+16.79	1934606.6402	2391285.4241

ALIGNMENT COORDS - P.E. RT. STA. 586+13.00

STATION	N	E
POB/PC 0+00.00	1934296.4099	2390300.9858
PI 0+30.16	1934303.2870	2390330.3551
PT 0+60.20	1934305.3378	2390360.4491
POT 1+51.35	1934311.5352	2390451.3920

ALIGNMENT COORDS - T.C.E. LT. STA. 276+74.36

STATION	N	E
POB 0+00.00	1934998.8067	2391206.8767
PC 0+61.51	1934958.6969	2391160.2481
PI 0+79.81	1934946.7609	2391146.3722
PT 0+97.82	1934931.1699	2391136.7843
POT 1+63.40	1933684.7133	2390403.2885

ALIGNMENT COORDS - P.E. RT. STA. 587+50.00

STATION	N	E
POB 0+00.00	1934430.2665	2390271.8551
PC 0+72.52	1934446.8016	2390342.4690
PI 1+12.25	1934455.8599	2390381.1529
PT 1+39.67	1934495.5900	2390381.0692
PC 4+62.65	1934818.5730	2390380.3885
PI 4+92.65	1934848.5729	2390380.3253
PT 5+09.78	1934848.6362	2390410.3252
POT 5+62.78	1934848.7479	2390463.3251

ALIGNMENT COORDS - P.E. LT. STA. 290+50.00

STATION	N	E
POB 0+00.00	1936193.3631	2390544.0333
PC 0+61.02	1936175.1689	2390485.7922
PI 1+28.31	1936155.1043	2390421.5637
POT/PT 1+93.40	1936164.3945	2390354.9185

NOTE: THE CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL CONTROL, AND THE ELEVATIONS OF ALL BENCHMARKS PRIOR TO COMMENCING WORK, AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WORK.

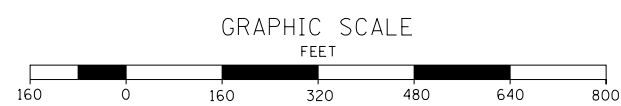
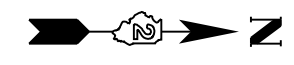
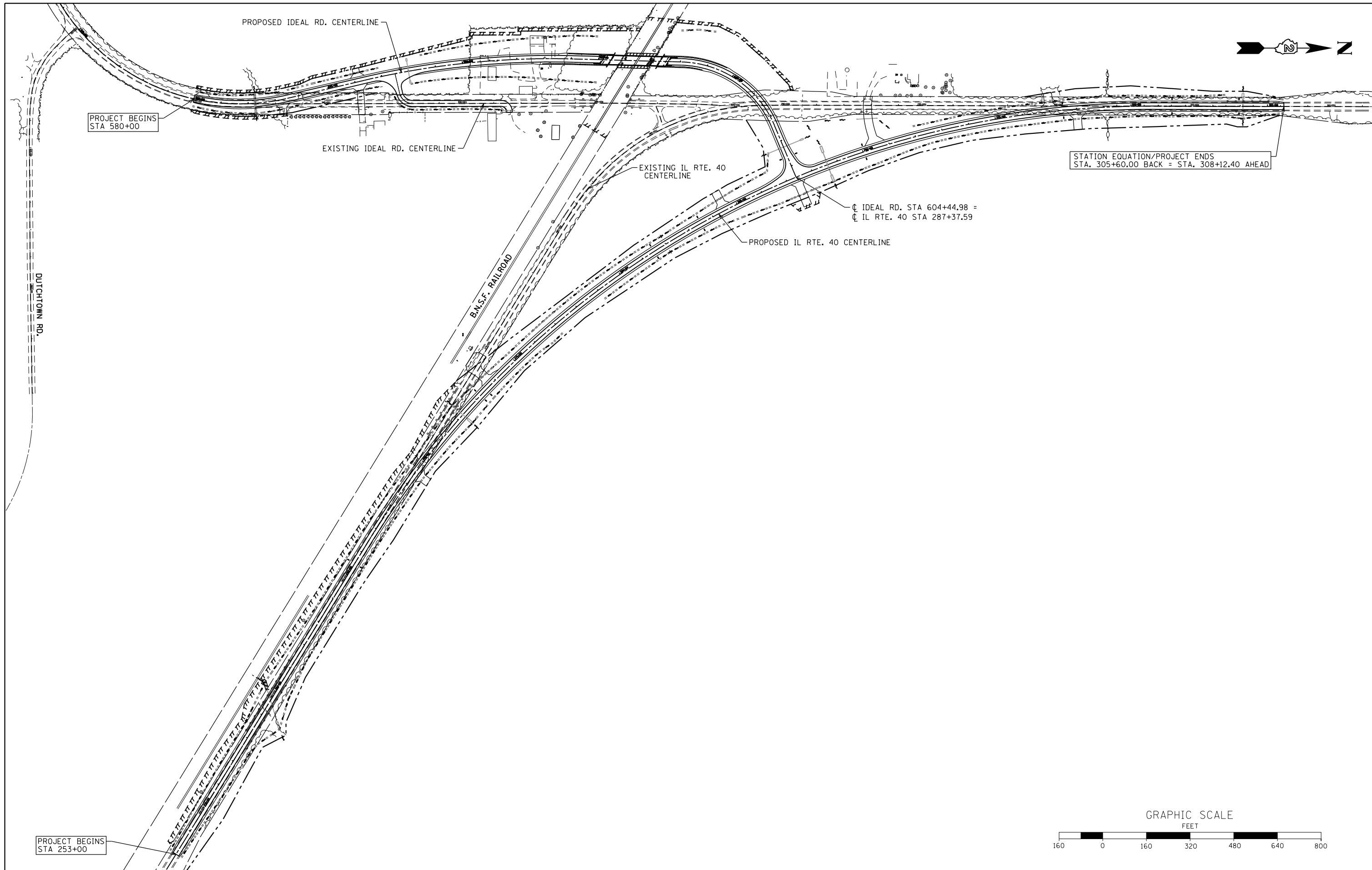
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	PLOT DATE = 11/12/2019	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIE & BENCHMARKS

SCALE: N.T.S. SHEET 27 OF 197 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	27
JOB #C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				



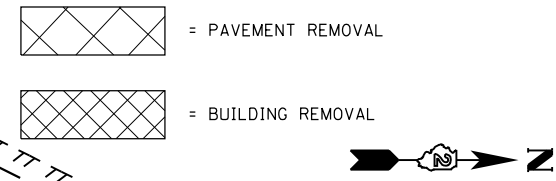
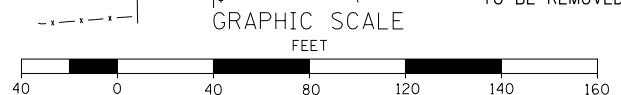
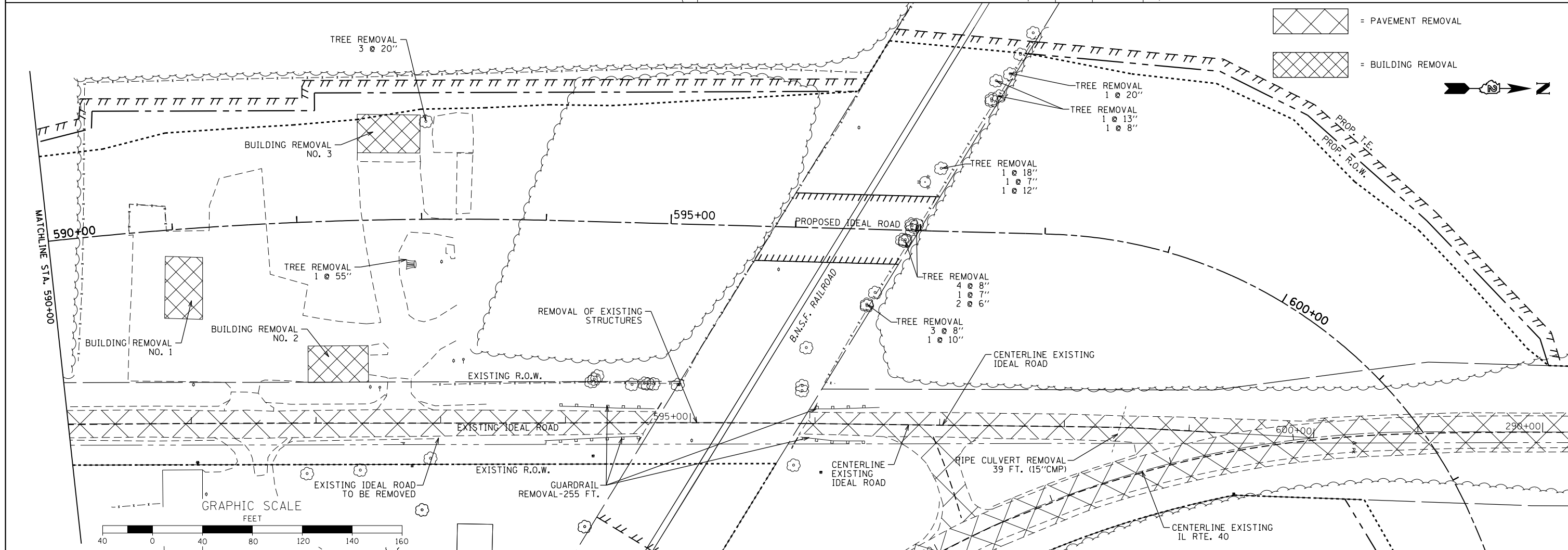
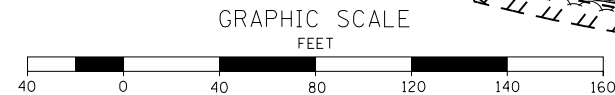
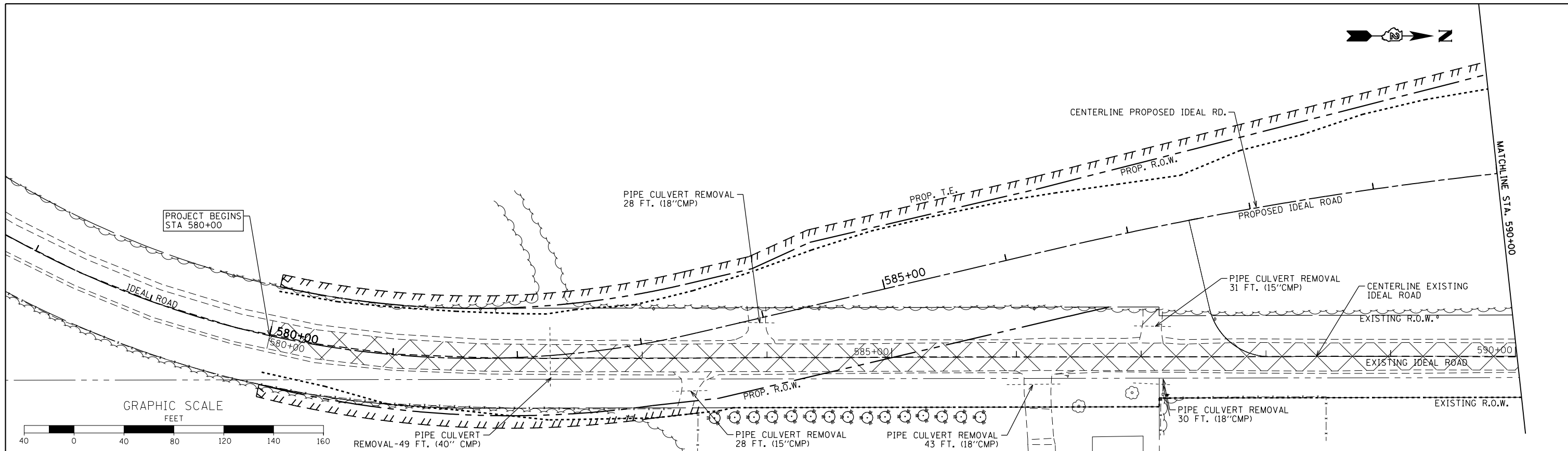
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	PLOT DATE = 11/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERALL PLAN

SCALE: 1"=160' SHEET 28 OF 197 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	28
CONTRACT NO. 85645				
ILLINOIS FED. AID PROJECT				

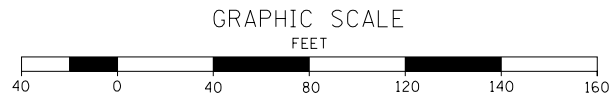
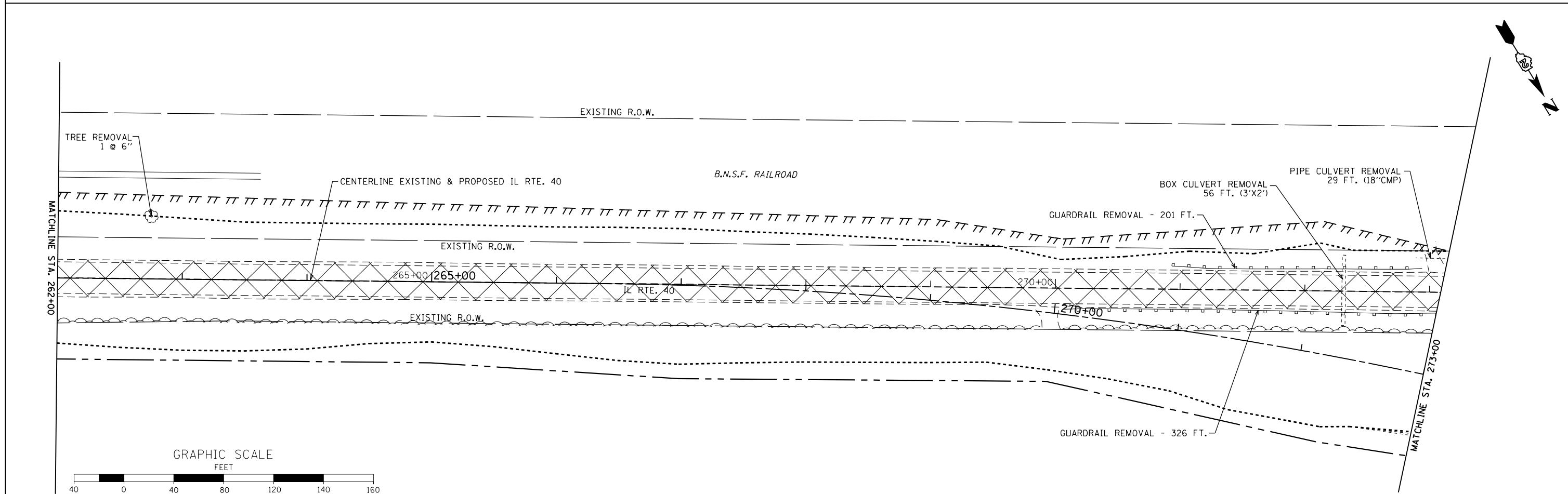
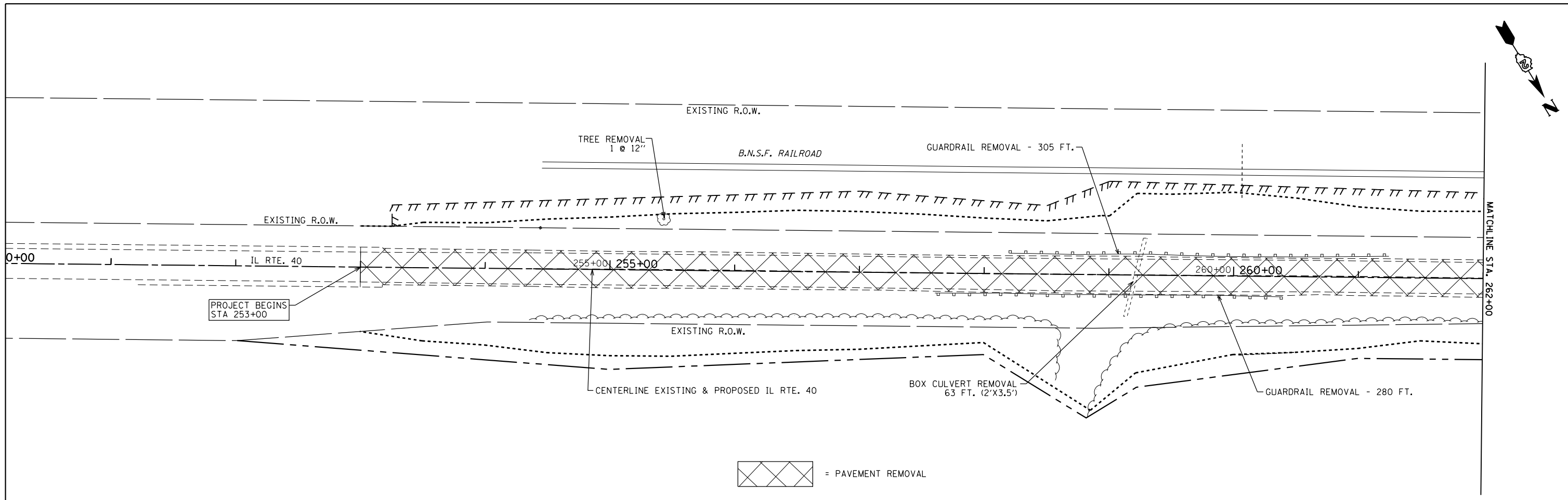


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Default		CHECKED -	REVISED -
	PLOT SCALE = 80.0000' / in.	DATE -	REVISED -
	PLOT DATE = 11/12/2019		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN IDEAL ROAD	
SCALE: 1"=40'	SHEET 29 OF 197 SHEETS STA. 578+00 TO STA. 602+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	03-00083-00-BR	CARROLL	197	29
JOB *C-92-067-06		CONTRACT NO. 85645		
ILLINOIS FED. AID PROJECT				



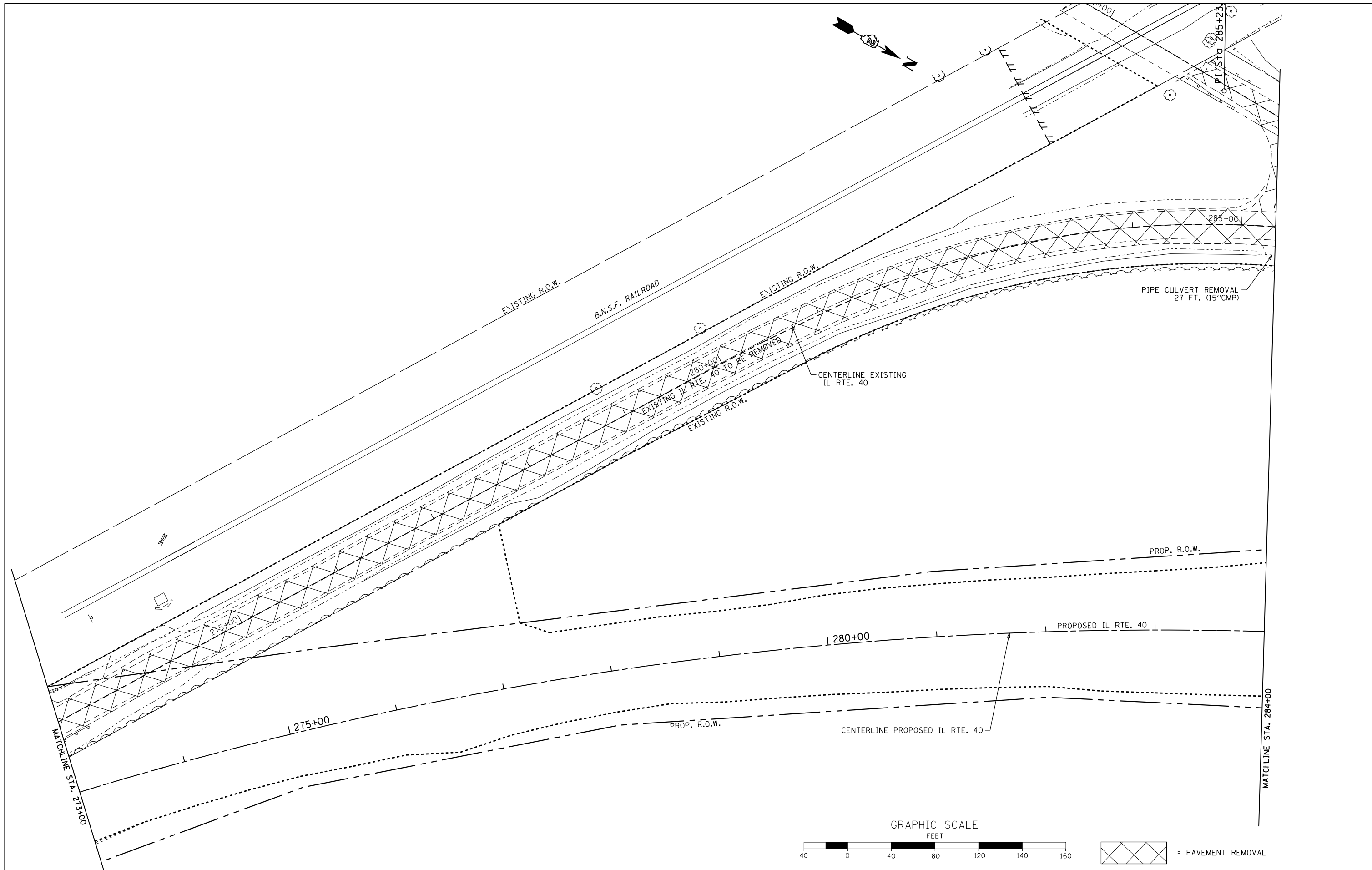
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Default	PLOT DATE = 11/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL ROUTE 40**

SCALE: 1"=40' SHEET 30 OF 197 SHEETS STA. 251+00 TO STA. 273+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	03-00083-00-BR	CARROLL	197	30
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				



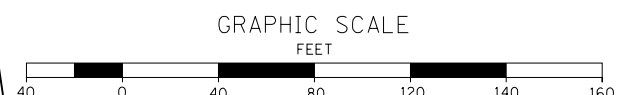
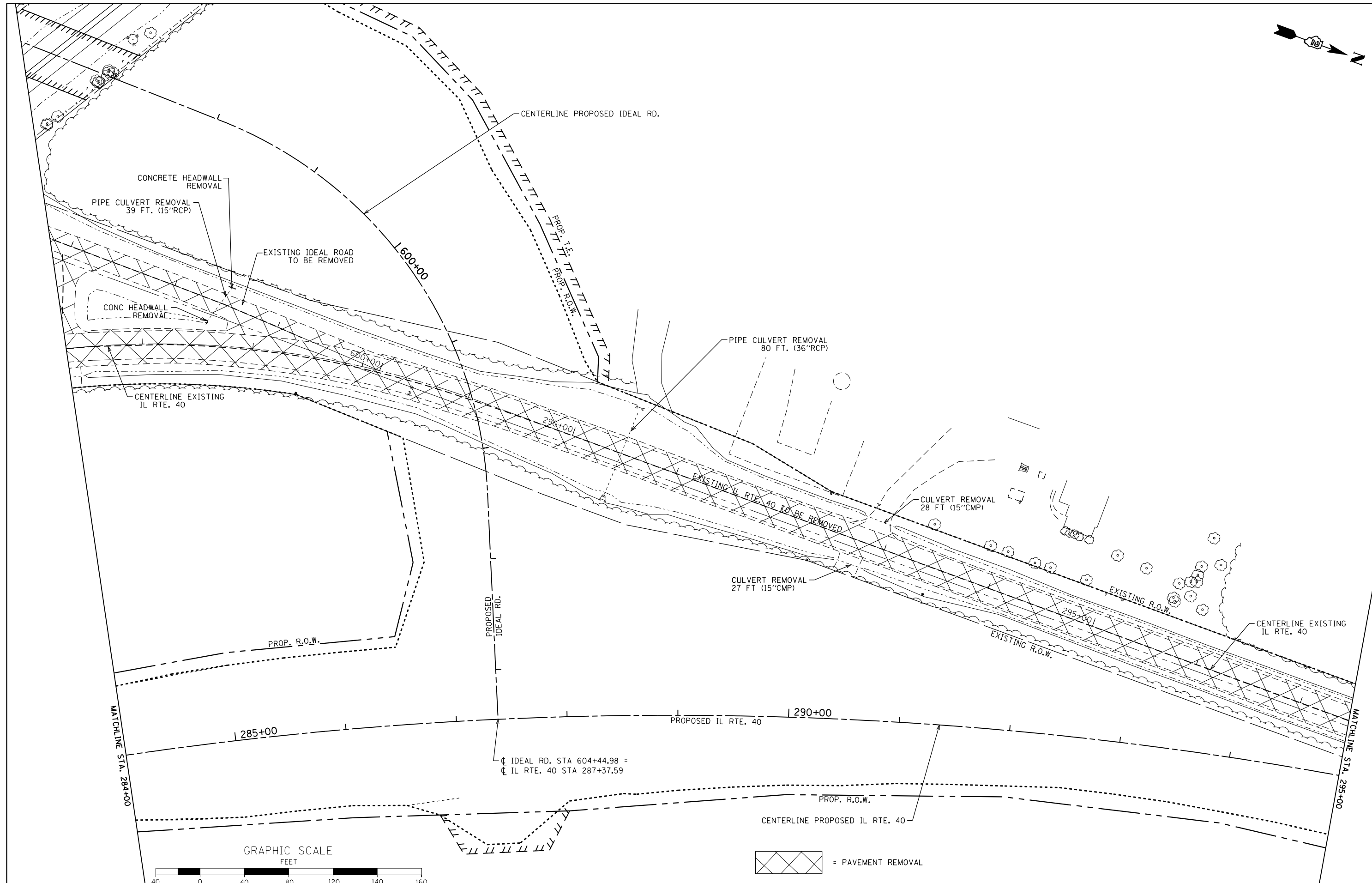
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Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL ROUTE 40**

SCALE: 1"=40' SHEET 31 OF 197 SHEETS STA. 273+00 TO STA. 284+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	03-00083-00-BR	CARROLL	197	31
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				



= PAVEMENT REMOVAL

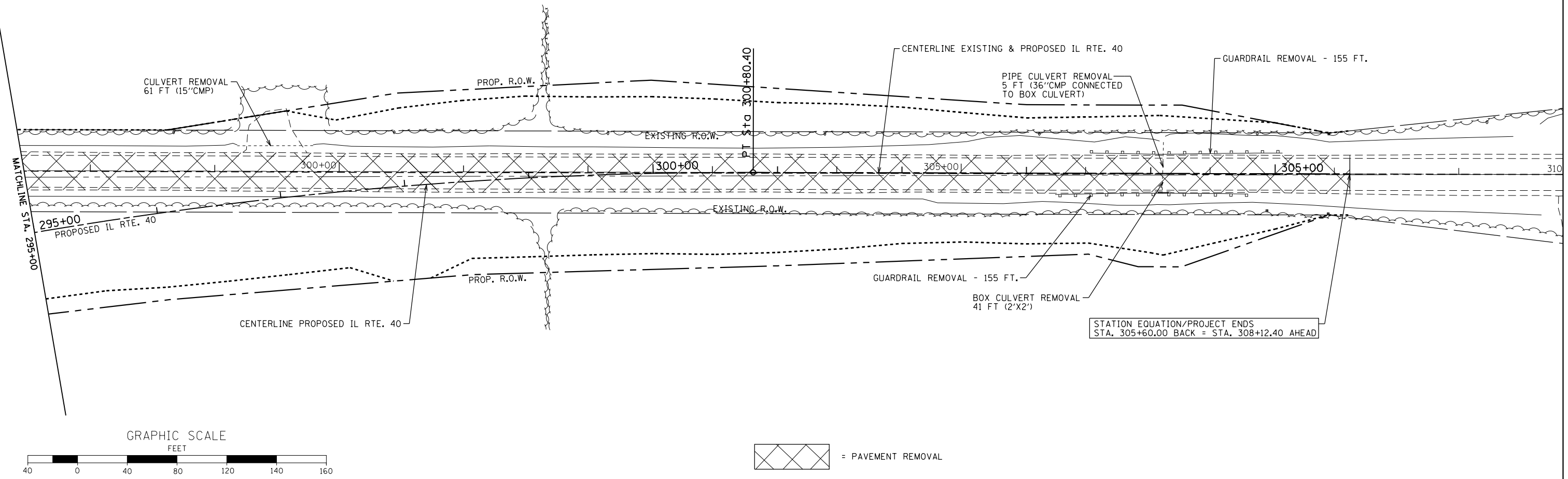
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Default	PLOT DATE = 11/12/2019	DATE -	REVISED -

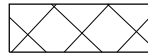
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL ROUTE 40**

SCALE: 1"=40' SHEET 32 OF 197 SHEETS STA. 284+00 TO STA. 295+00

F.A.P. RTE. 646	SECTION 03-00083-00-BR	COUNTY CARROLL	TOTAL SHEETS 197	SHEET NO. 32
JOB *C-92-067-06		CONTRACT NO. 85645		
ILLINOIS FED. AID PROJECT				



 = PAVEMENT REMOVAL

FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
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Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL ROUTE 40**

SCALE: 1"=40' SHEET 33 OF 197 SHEETS STA. 295+00 TO STA. 309+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	03-00083-00-BR	CARROLL	197	33
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

RADIUS TABLE

PT	NORTHING	EASTING	RADIUS	STATION	OFFSET
(A)	1934369.856	2390368.196	70.0'	586+70.11	82.00'RT.
(B)	1934478.052	2390318.027	25.0'	587+88.79	54.20'RT.
(C)	1934578.768	2390461.140	200.0'	588+68.00	212.00'RT.

**IDEAL ROAD
PROP. CURVE 71210**
 PI STA. = 579+29.21
 $\Delta = 103^\circ 11' 11''$ (LT)
 $D = 7^\circ 26' 15''$
 $R = 770.37'$
 $T = 971.73'$
 $L = 1387.39'$
 $E = 469.68'$
 $S.E. = 8.00\%$
 $T.R. = 31'$
 $S.E. RUN = 165'$
 $P.C. STA. = 569+57.48$
 $P.T. STA. = 583+44.87$
 $FULL S.E. = STA. 580+00.00$
 $FULL S.E. = STA. 582+89.87$
 $NORMAL CROWN = STA. 584+85.87$
 SUPERELEVATION BASED ON
 40 MPH DESIGN SPEED PER
 BLRS ASSUMING 8% EXISTING SE.

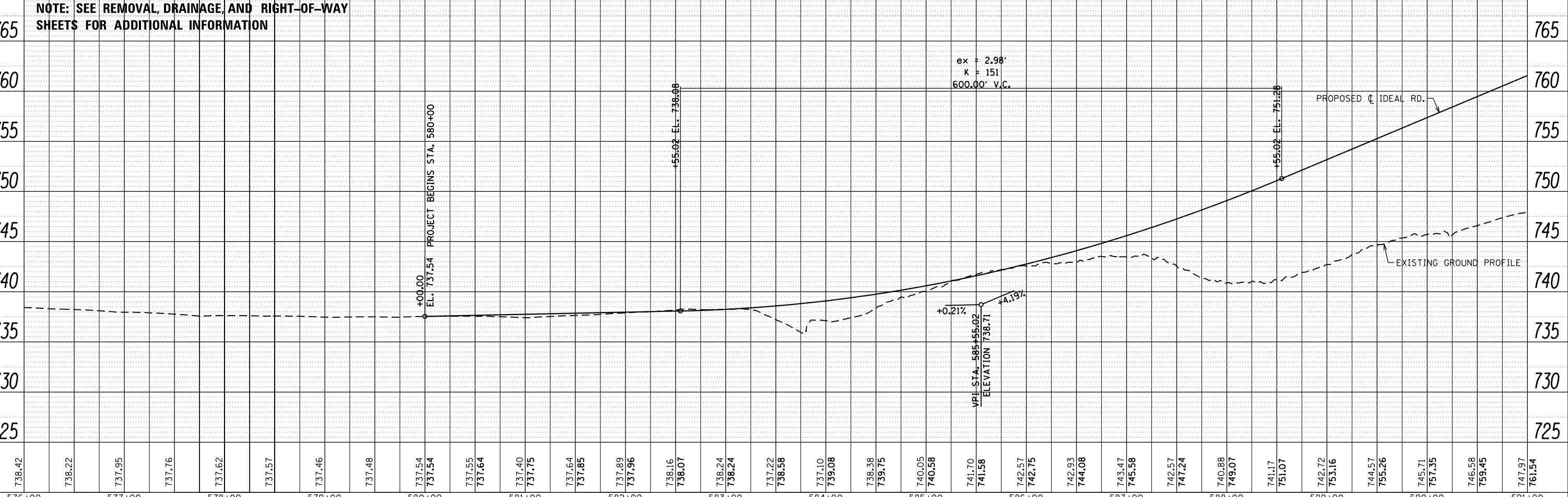
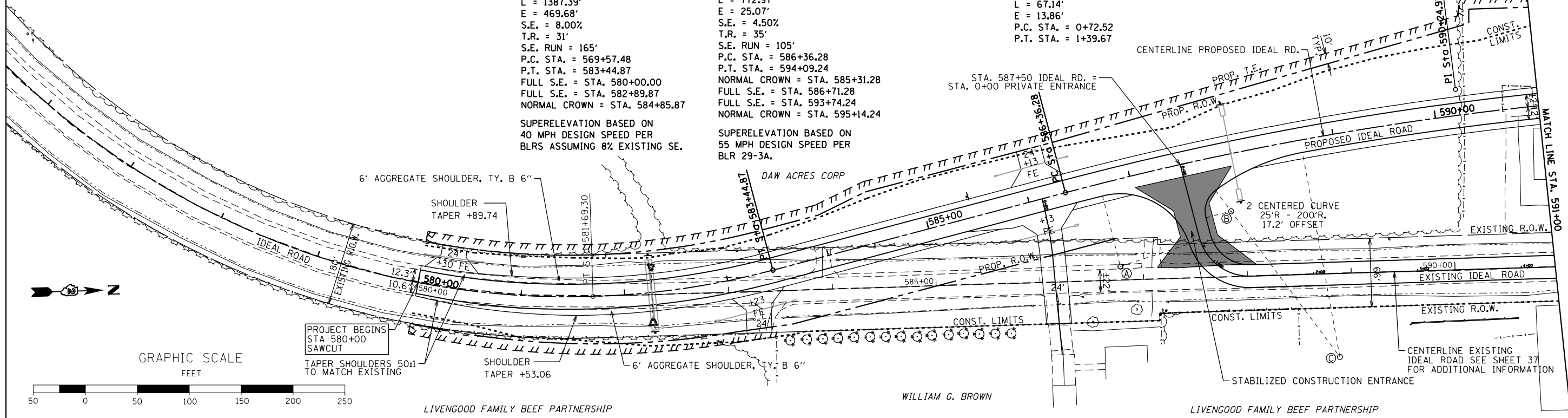
**IDEAL ROAD
PROP. CURVE 71220**
 PI STA. = 590+24.91
 $\Delta = 14^\circ 45' 45''$ (RT)
 $D = 1^\circ 54' 35''$
 $R = 3000.00'$
 $T = 388.64'$
 $L = 772.97'$
 $E = 25.07'$
 $S.E. = 4.50\%$
 $T.R. = 35'$
 $S.E. RUN = 105'$
 $P.C. STA. = 586+36.28$
 $P.T. STA. = 594+09.24$
 $NORMAL CROWN = STA. 585+31.28$
 $FULL S.E. = STA. 586+71.28$
 $FULL S.E. = STA. 593+74.24$
 $NORMAL CROWN = STA. 595+14.24$
 SUPERELEVATION BASED ON
 55 MPH DESIGN SPEED PER
 BLR 29-3A.

**PRIVATE ENTRANCE
PROP. CURVE WES200**
 PI STA. = 1+12.25
 $\Delta = 76^\circ 56' 30''$ (LT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 39.73'$
 $L = 67.14'$
 $E = 13.86'$
 $P.C. STA. = 0+72.52$
 $P.T. STA. = 1+39.67$

= STABILIZED CONSTRUCTION ENTRANCE LIMITS
 = TEMPORARY CONSTRUCTION EASEMENT LINE

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	NO.	
	NO.	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	
	NO.	



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE IDEAL ROAD	F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default		CHECKED -	REVISED -			JOB #C-92-067-06	CONTRACT NO. 85645			
		DATE -	REVISED -			SCALE: 1"=50'	SHEET 34	OF 197 SHEETS	STA. 576+00	TO STA. 591+00

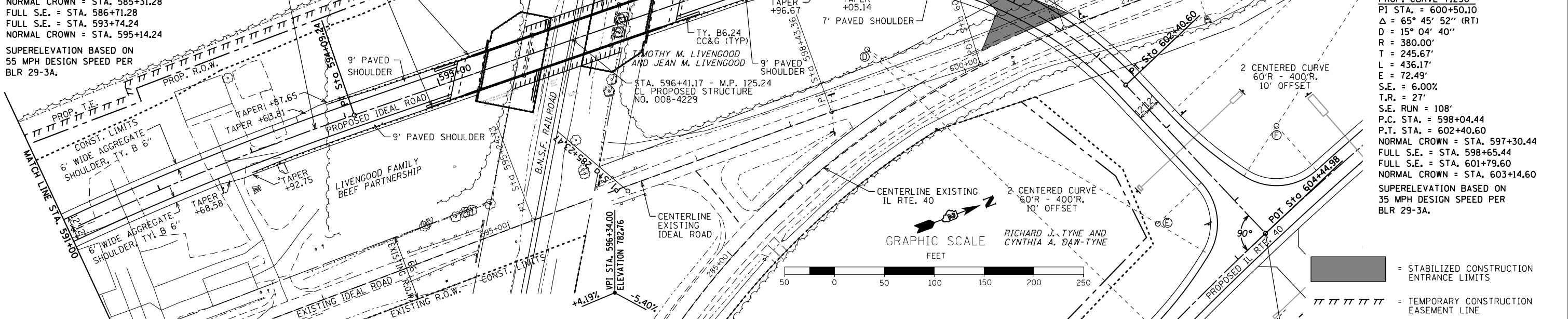
IDEAL ROAD
 PROP. CURVE 71220
 PI STA. = 590+24.91
 $\Delta = 14^\circ 45' 45''$ (RT)
 $D = 1^\circ 54' 35''$
 $R = 3000.00'$
 $T = 388.64'$
 $L = 772.97'$
 $E = 25.07'$
 $S.E. = 4.50\%$
 $T.R. = 35'$
 $S.E. RUN = 105'$
 $P.C. STA. = 586+36.28$
 $P.T. STA. = 594+09.24$
 NORMAL CROWN = STA. 585+31.28
 FULL S.E. = STA. 586+71.28
 FULL S.E. = STA. 593+74.24
 NORMAL CROWN = STA. 595+14.24

RADIUS TABLE

PT	NORTHING	EASTING	RADIUS	STATION	OFFSET
Ⓚ	1935590.793	2390337.281	400.0'	285+90.94	412.00'LT.
Ⓛ	1935802.165	2390603.593	60.0'	286+67.30	82.00'LT.
Ⓜ	1935948.223	2390553.719	60.0'	288+17.89	72.00'LT.
Ⓝ	1936221.243	2390351.085	400.0'	291+29.96	176.85'LT.

STEEL PLATE BEAM GUARDRAIL,
 TY. A, 6' POSTS W/ TRAFFIC BARRIER
 TERMINAL, TY. 5 & TY. 1 SP. TANGENT
 W/ TY. B REFLECTORS

CENTERLINE PROPOSED
 IDEAL RD.



IDEAL ROAD
 PROP. CURVE 71230
 PI STA. = 600+50.10
 $\Delta = 65^\circ 45' 52''$ (RT)
 $D = 15^\circ 04' 40''$
 $R = 380.00'$
 $T = 245.67'$
 $L = 436.17'$
 $E = 72.49'$
 $S.E. = 6.00\%$
 $T.R. = 27'$
 $S.E. RUN = 108'$
 $P.C. STA. = 598+04.44$
 $P.T. STA. = 602+40.60$
 NORMAL CROWN = STA. 597+30.44
 FULL S.E. = STA. 598+65.44
 FULL S.E. = STA. 601+79.60
 NORMAL CROWN = STA. 603+14.60
 SUPERELEVATION BASED ON
 35 MPH DESIGN SPEED PER
 BLR 29-3A.

GRAPHIC SCALE
 FEET

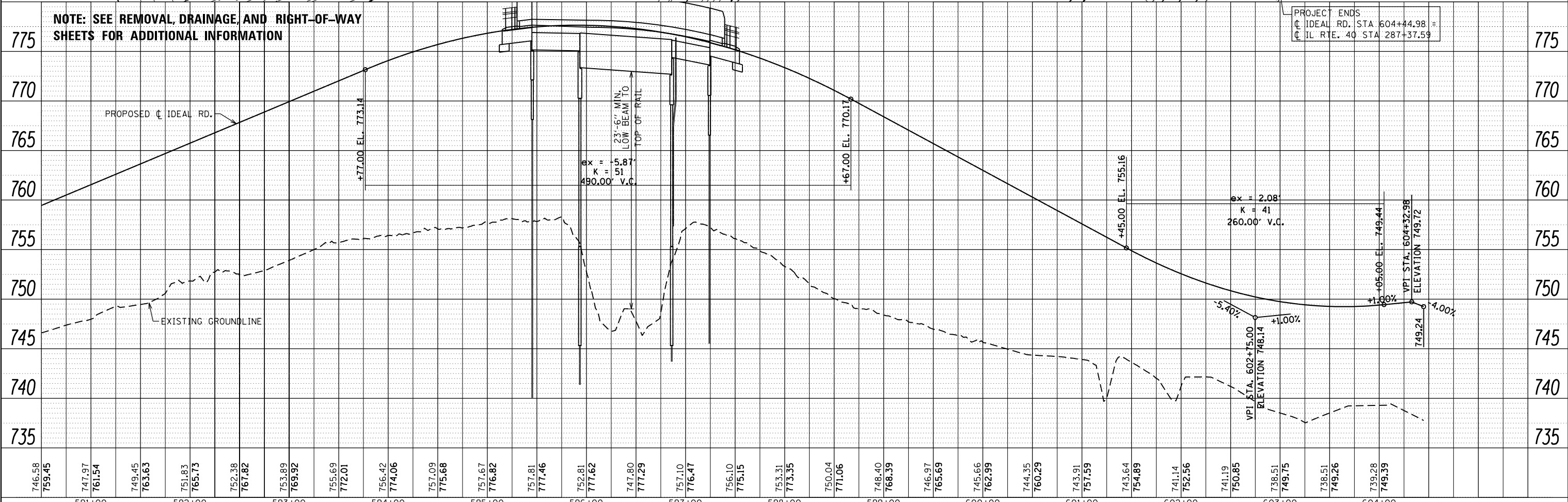
STABILIZED CONSTRUCTION
 ENTRANCE LIMITS
 TEMPORARY CONSTRUCTION
 EASEMENT LINE

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
FILE NAME	
NO.	

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

NOTE: SEE REMOVAL, DRAINAGE, AND RIGHT-OF-WAY
 SHEETS FOR ADDITIONAL INFORMATION

PROJECT ENDS
 IDEAL RD. STA 604+44.98 =
 IL RTE. 40 STA 287+37.59

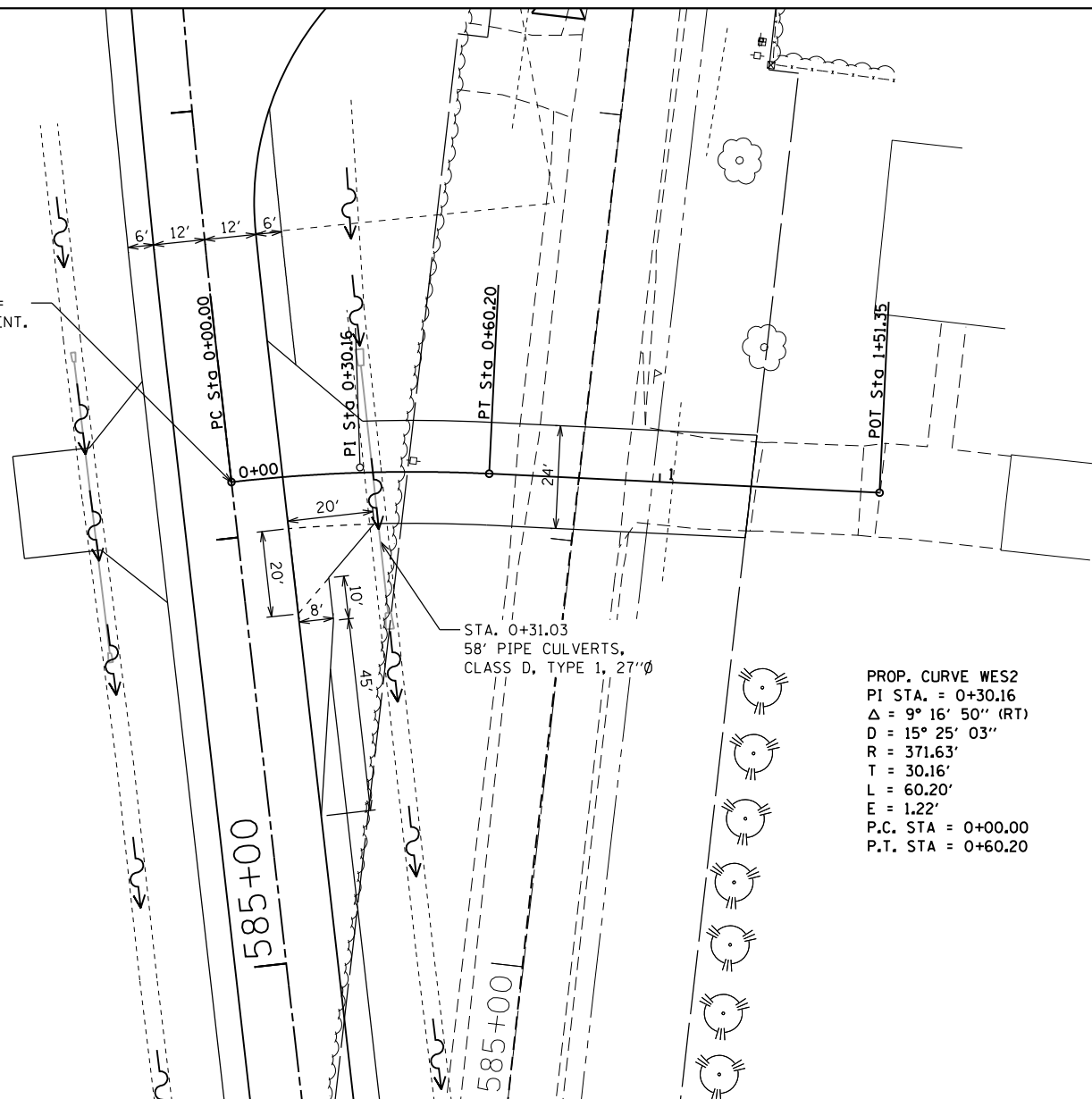


FILE NAME =	USER NAME = Bryan Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE IDEAL ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012\Jobs\2120237\Geopak\P&P-IDEAL-5.dgn		DRAWN -	REVISED -			1084	03-00083-00-BR	CARROLL	197	35
Default		CHECKED -	REVISED -			JOB *C-92-067-06	CONTRACT NO. 85645			
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

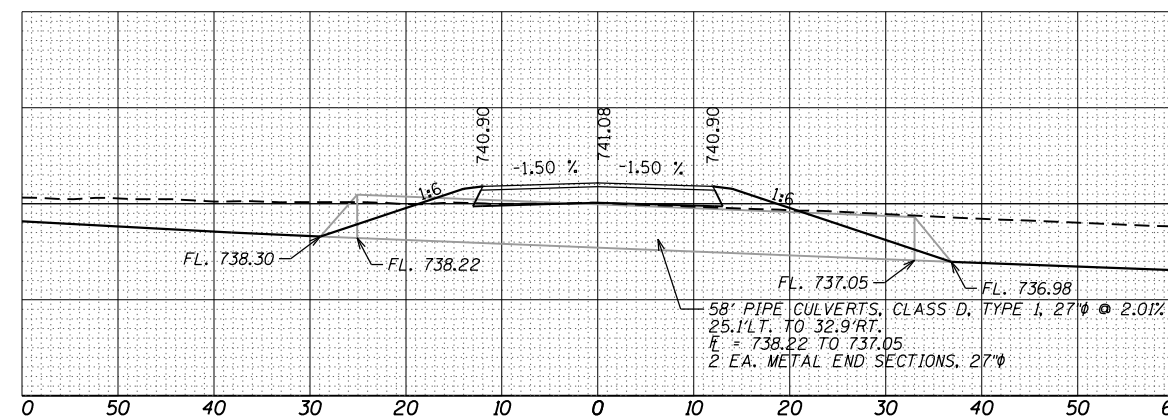
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	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NO.	BY	

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

PC STA. 586+13 IDEAL RD. =
 PT STA. 0+00.00 PRIVATE ENT.

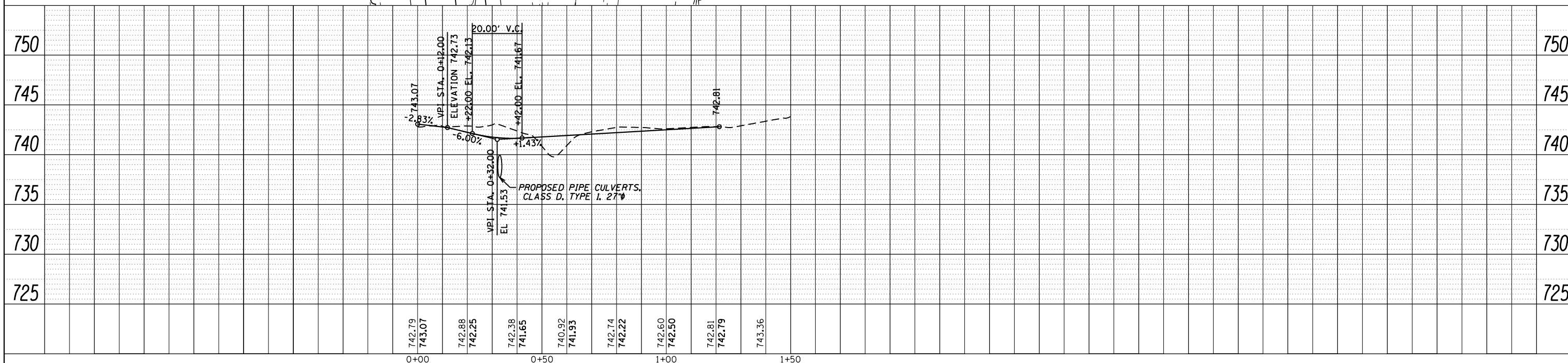
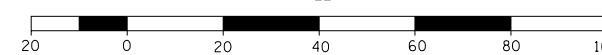


PROP. CURVE WES2
 PI STA. = 0+30.16
 $\Delta = 9^\circ 16' 50''$ (RT)
 $D = 15^\circ 25' 03''$
 $R = 371.63'$
 $T = 30.16'$
 $L = 60.20'$
 $E = 1.22'$
 P.C. STA = 0+00.00
 P.T. STA = 0+60.20



PIPE CULVERT CROSS SECTION - STA. 0+31.03

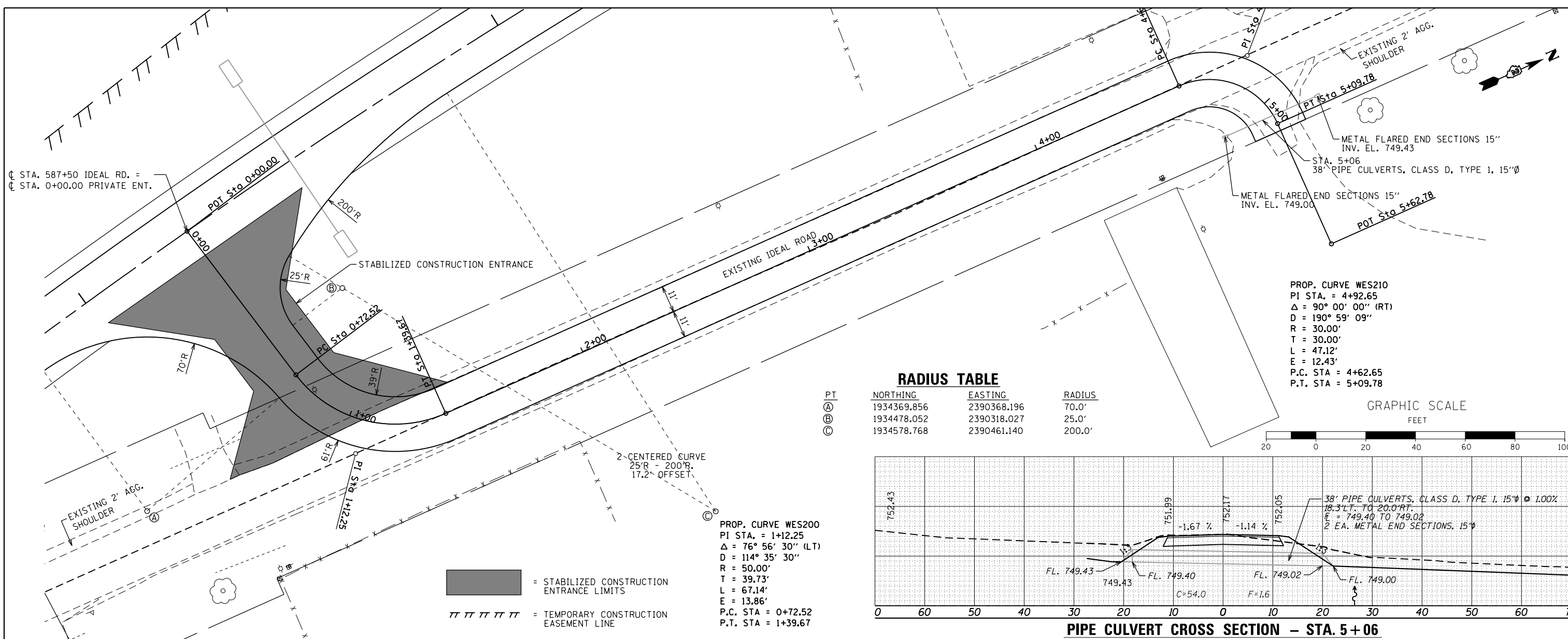
GRAPHIC SCALE
 FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012\Jobs\2120237\Geopak\P&P-PIDEALPEB\DWI.dgn		DRAWN -	REVISED -		PROPOSED PRIVATE ENTRANCE - RT. STA 586+13 IDEAL ROAD			1084	03-00083-00-BR	CARROLL	197	36
Default		CHECKED -	REVISED -		SCALE: 1"=20'	SHEET 36	OF 197 SHEETS	STA. 0+00	TO STA. 2+36.11	CONTRACT NO. 85645		
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	CHECKED
	STRUCTURE	NOTATIONS OK'D
	NO. BOOK	NO.



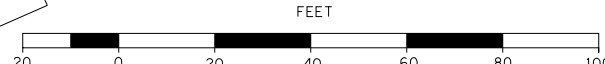
☉ STA. 587+50 IDEAL RD. =
☉ STA. 0+00.00 PRIVATE ENT.

PROP. CURVE WES210
PI STA. = 4+92.65
Δ = 90° 00' 00" (RT)
D = 190° 59' 09"
R = 30.00'
T = 30.00'
L = 47.12'
E = 12.43'
P.C. STA = 4+62.65
P.T. STA = 5+09.78

RADIUS TABLE

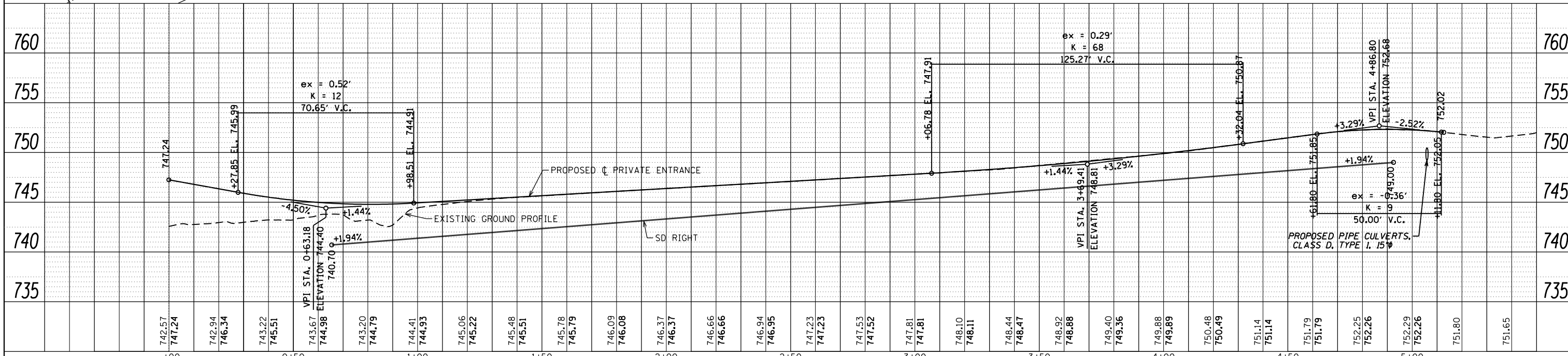
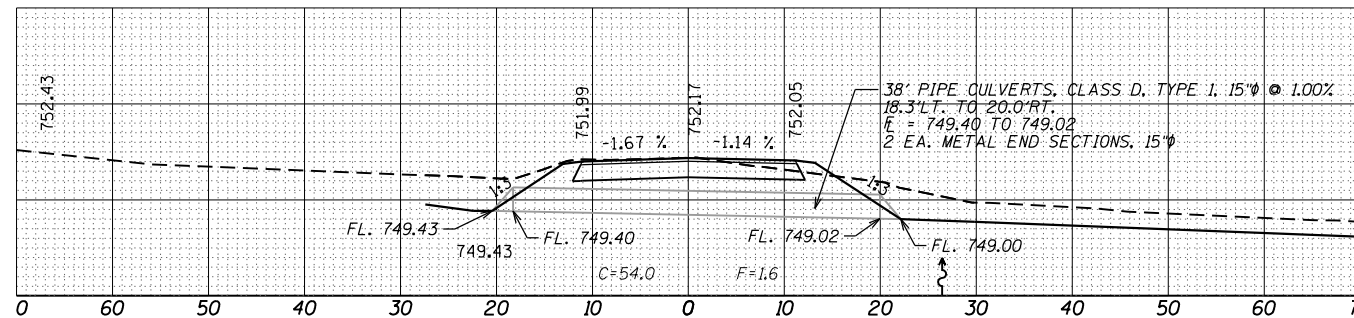
PT	NORTHING	EASTING	RADIUS
Ⓐ	1934369.856	2390368.196	70.0'
Ⓑ	1934478.052	2390318.027	25.0'
Ⓒ	1934578.768	2390461.140	200.0'

GRAPHIC SCALE



PROP. CURVE WES200
PI STA. = 1+12.25
Δ = 76° 56' 30" (LT)
D = 114° 35' 30"
R = 50.00'
T = 39.73'
L = 67.14'
E = 13.86'
P.C. STA = 0+72.52
P.T. STA = 1+39.67

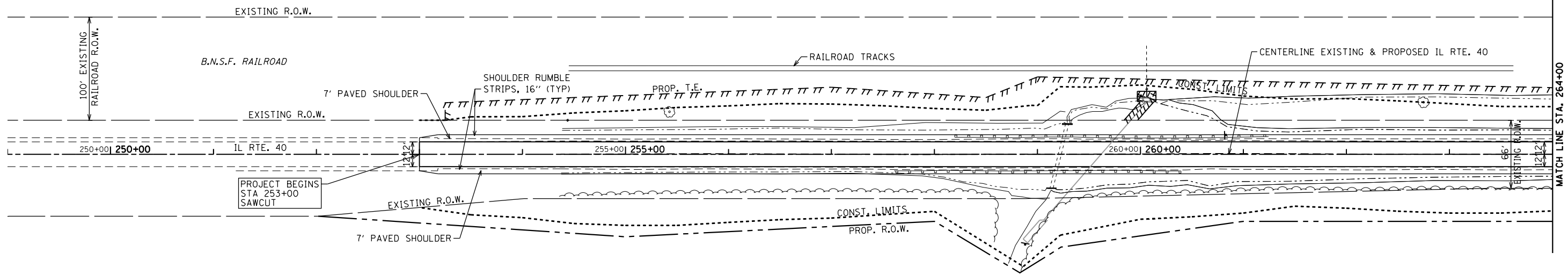
■ = STABILIZED CONSTRUCTION ENTRANCE LIMITS
TTTTTTTT = TEMPORARY CONSTRUCTION EASEMENT LINE



FILE NAME =	USER NAME = Bryan Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE PROPOSED PRIVATE ENTRANCE - RT. STA 587+50 IDEAL ROAD	F.A.P. RT. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012\Jobs\2120237\Geopak\P&P-PIDEALENT7.dgn	DRAWN -	REVISED -	1084			03-00083-00-BR	CARROLL	197	37	
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			JOB *C-92-067-06	CONTRACT NO. 85645			
	PLOT DATE = 11/12/2019	DATE -	REVISED -			SCALE: 1"=20'	SHEET 37 OF 197 SHEETS	STA. 0+00 TO STA. 2+36.11	ILLINOIS FED. AID PROJECT	

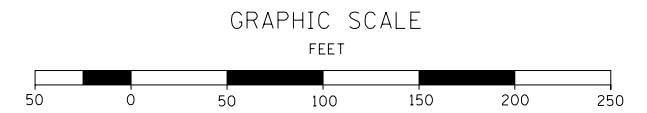


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		



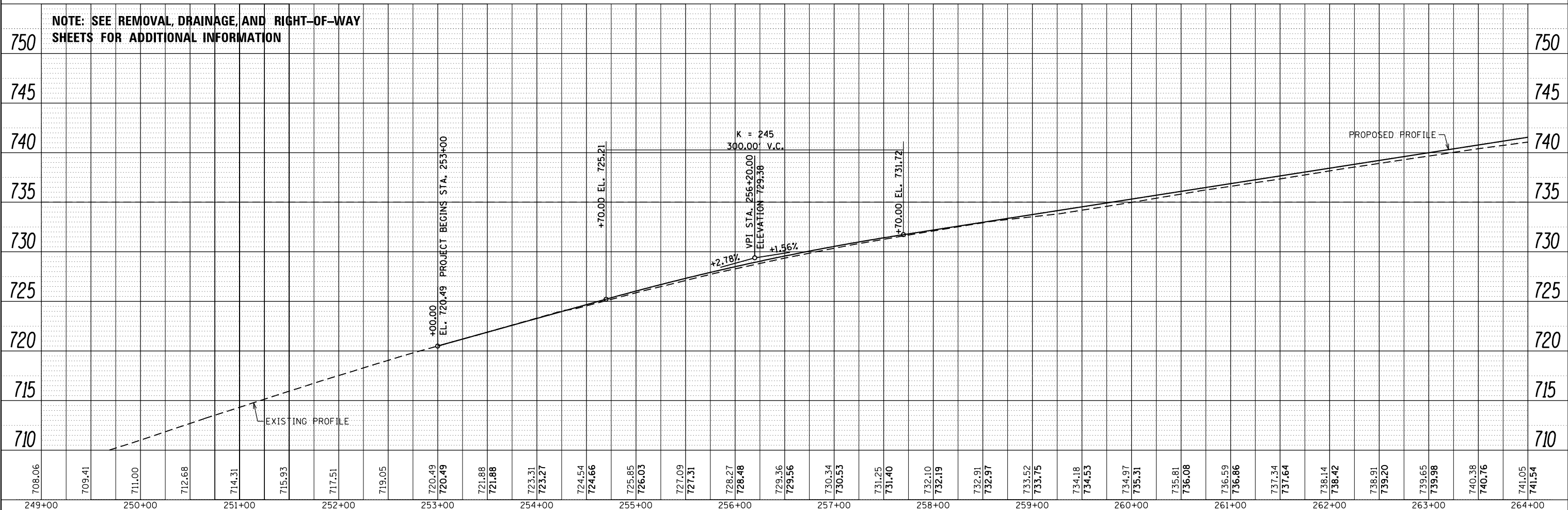
RICHARD J. TYNE AND CYNTHIA A. DAW-TYNE

- = STABILIZED CONSTRUCTION ENTRANCE LIMITS
- = TEMPORARY CONSTRUCTION EASEMENT LINE
- = PERMANENT CONSTRUCTION EASEMENT LINE



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

NOTE: SEE REMOVAL, DRAINAGE, AND RIGHT-OF-WAY SHEETS FOR ADDITIONAL INFORMATION



708.06	709.41	711.00	712.68	714.31	715.93	717.51	719.05	720.49	720.49	721.88	721.88	723.31	723.27	724.54	724.66	725.85	726.03	727.09	727.31	728.27	728.48	729.36	729.56	730.34	730.53	731.25	731.40	732.10	732.19	732.91	732.97	733.52	733.75	734.18	734.53	734.97	735.31	735.81	736.08	736.59	736.86	737.34	737.64	738.14	738.42	738.91	739.20	739.65	739.98	740.38	740.76	741.05	741.54
249+00	250+00	251+00	252+00	253+00	254+00	255+00	256+00	257+00	258+00	259+00	260+00	261+00	262+00	263+00	264+00																																						

FILE NAME = F:\2012\Jobs\2120237\Geopak\P&P-IL40-1.dgn
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USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

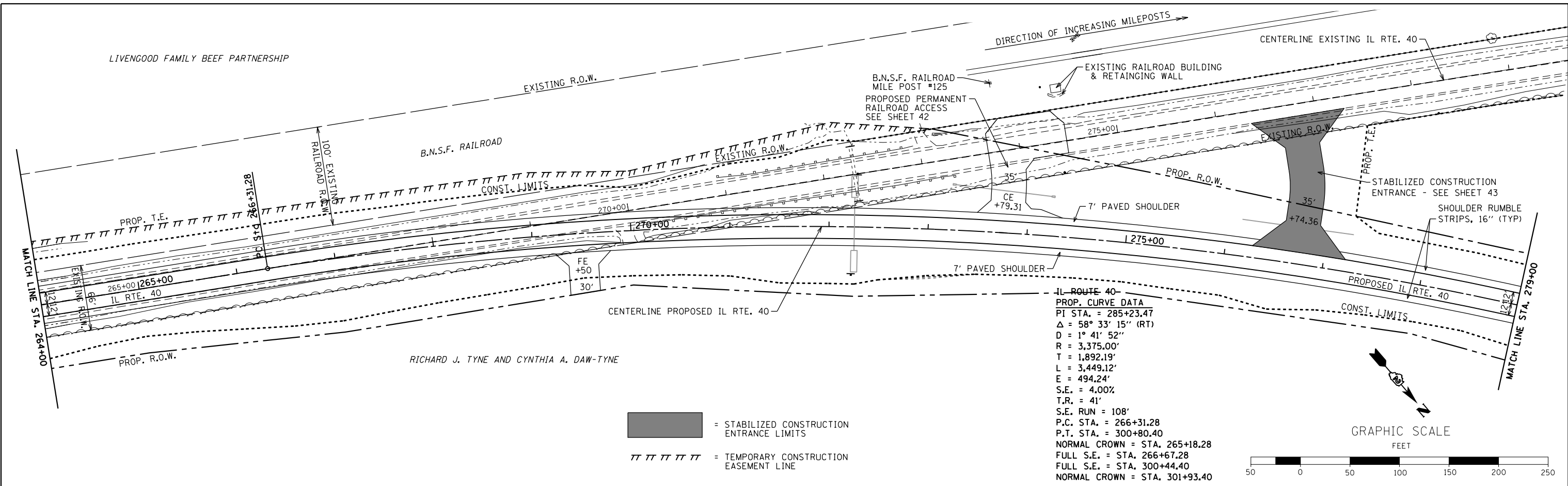
**PLAN AND PROFILE
IL ROUTE 40**

SCALE: 1"=50' SHEET 38 OF 197 SHEETS STA. 249+00 TO STA. 264+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	38
JOB #C-92-067-06		CONTRACT NO. 85645		

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE



PROFILE	SURVEYED	BY	DATE



█ = STABILIZED CONSTRUCTION ENTRANCE LIMITS
 ▨ ▨ ▨ ▨ ▨ = TEMPORARY CONSTRUCTION EASEMENT LINE

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

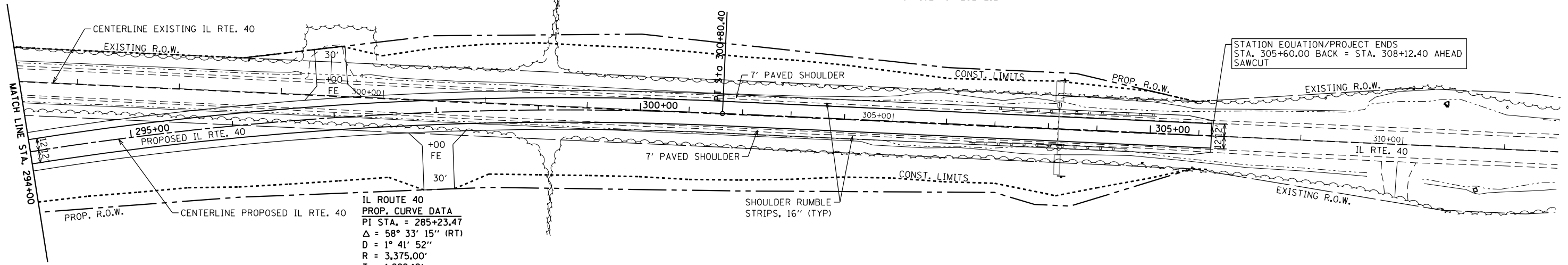
**PLAN AND PROFILE
IL ROUTE 40**

SCALE: 1"=50' SHEET 39 OF 197 SHEETS STA. 264+00 TO STA. 279+00

F.A.P. RTE. 1084	SECTION 03-00083-00-BR	COUNTY CARROLL	TOTAL SHEETS 197	SHEET NO. 39
JOB #C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

ELMER E. RAHN AND ANNETTE L. RAHN

JANICE A. NESEMEIER



**IL ROUTE 40
PROP. CURVE DATA**
 PI STA. = 285+23.47
 Δ = 58° 33' 15" (RT)
 D = 1° 41' 52"
 R = 3,375.00'
 T = 1,892.19'
 L = 3,449.12'
 E = 494.24'
 S.E. = 4.00%
 T.R. = 41'
 S.E. RUN = 108'
 P.C. STA. = 266+31.28
 P.T. STA. = 300+80.40
 NORMAL CROWN = STA. 265+18.28
 FULL S.E. = STA. 266+67.28
 FULL S.E. = STA. 300+44.40
 NORMAL CROWN = STA. 301+93.40

RICHARD J. TYNE AND CYNTHIA A. DAW-TYNE

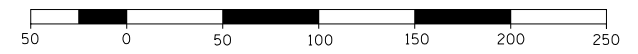
JANICE A. NESEMEIER

■ = STABILIZED CONSTRUCTION ENTRANCE LIMITS
 // // // // // = TEMPORARY CONSTRUCTION EASEMENT LINE

STATION EQUATION/PROJECT ENDS
 STA. 305+60.00 BACK = STA. 308+12.40 AHEAD
 SAWCUT

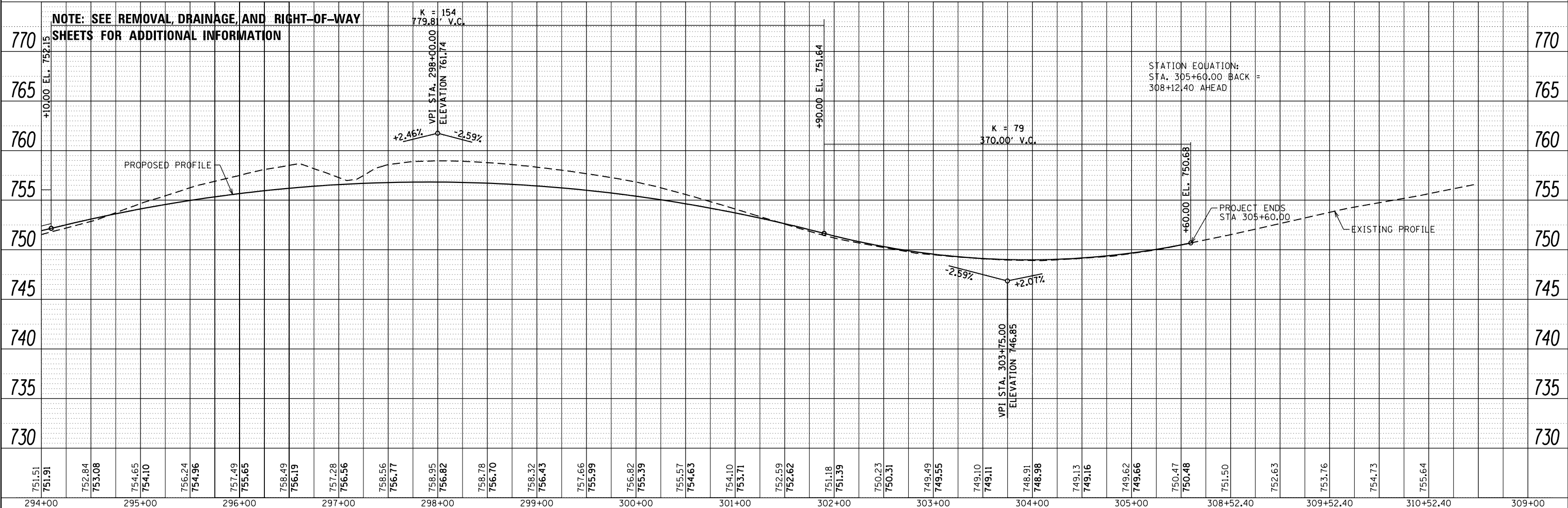


GRAPHIC SCALE
 FEET



DATE	
BY	
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FILE NAME	
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GRADES CHECKED	
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NOTE: SEE REMOVAL, DRAINAGE, AND RIGHT-OF-WAY SHEETS FOR ADDITIONAL INFORMATION

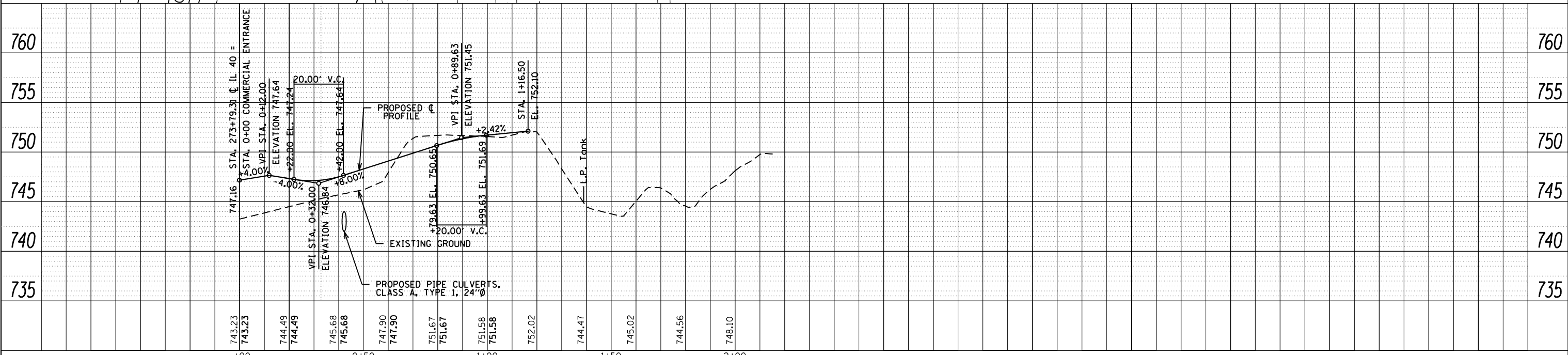
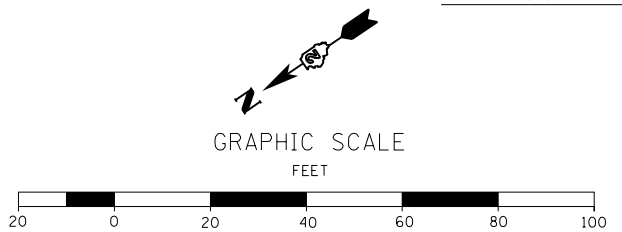
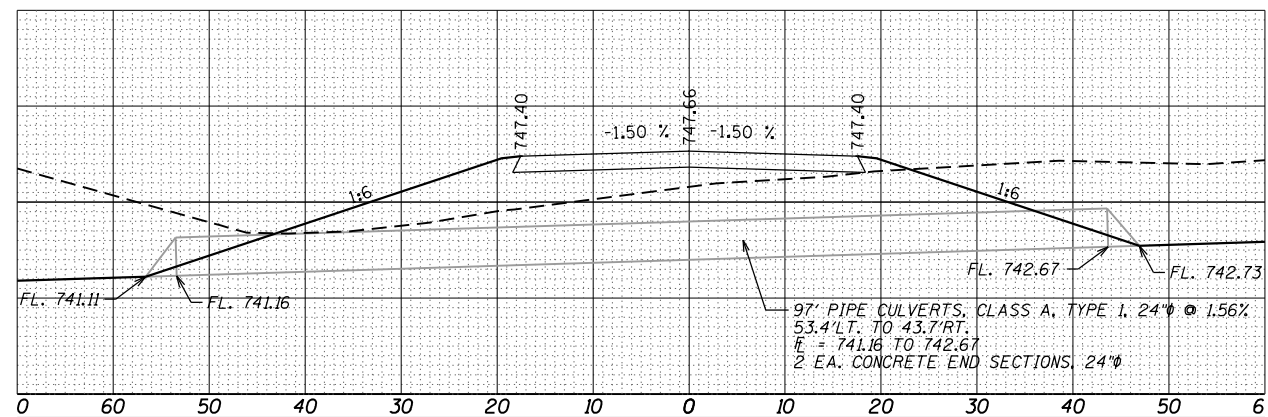
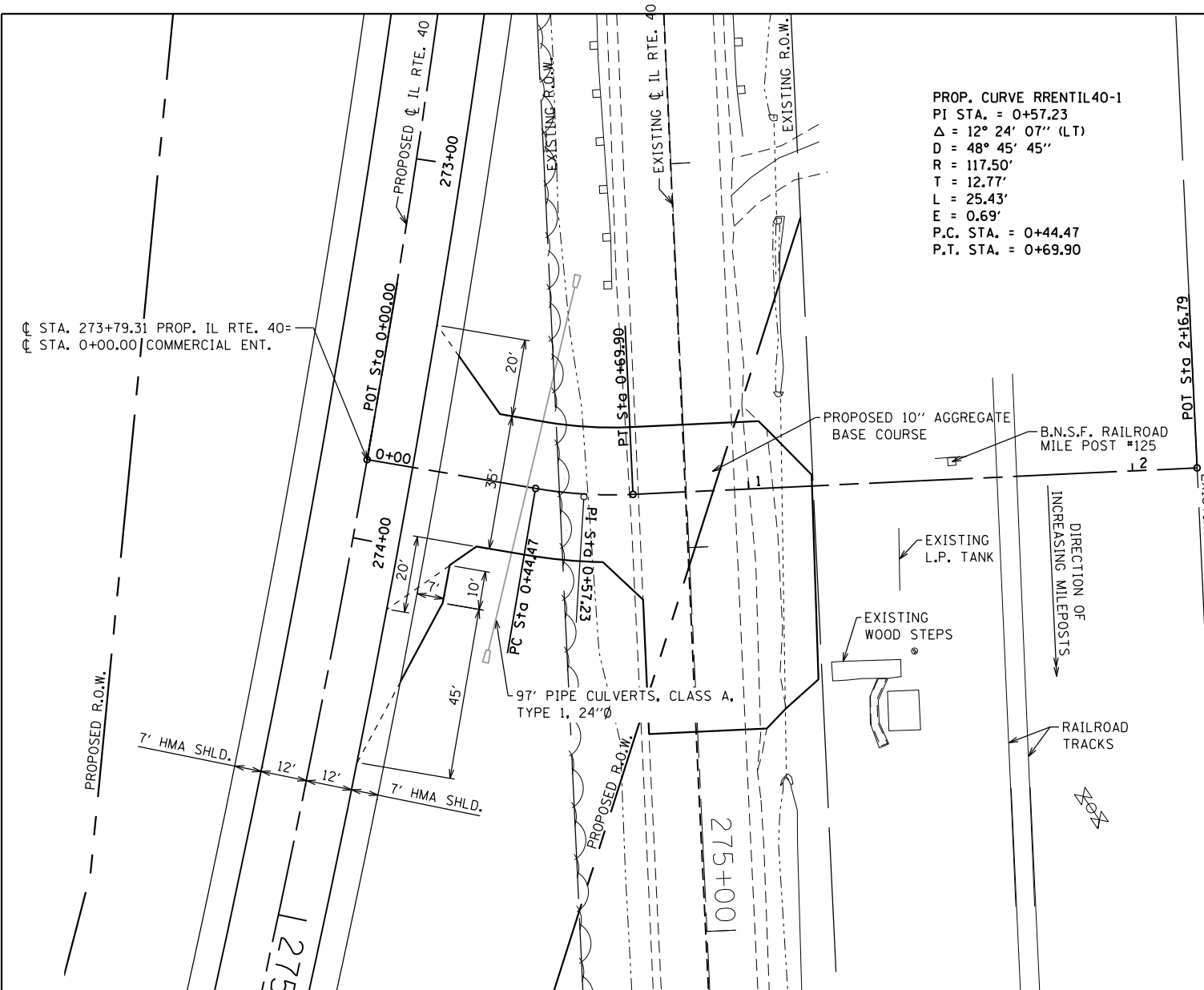
STATION EQUATION:
 STA. 305+60.00 BACK =
 308+12.40 AHEAD

PROJECT ENDS
 STA 305+60.00

FILE NAME =	USER NAME = Bryan Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE IL ROUTE 40	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012\Jobs\2120237\Geopak\P&P-IL40-1.dgn		DRAWN -	REVISED -			1084	03-00083-00-BR	CARROLL	197	41
Default		CHECKED -	REVISED -			JOB #C-92-067-06	CONTRACT NO. 85645			
		DATE -	REVISED -			SCALE: 1"=50'	SHEET 41	OF 197 SHEETS	STA. 294+00	TO STA. 309+00

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

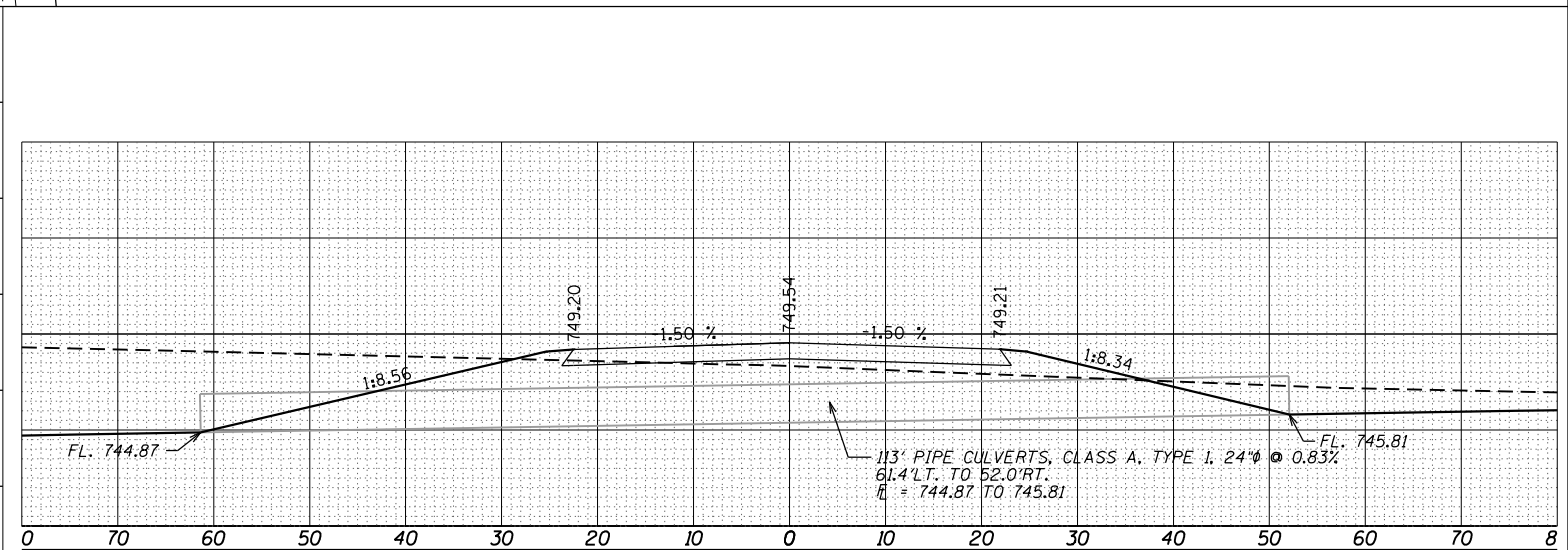
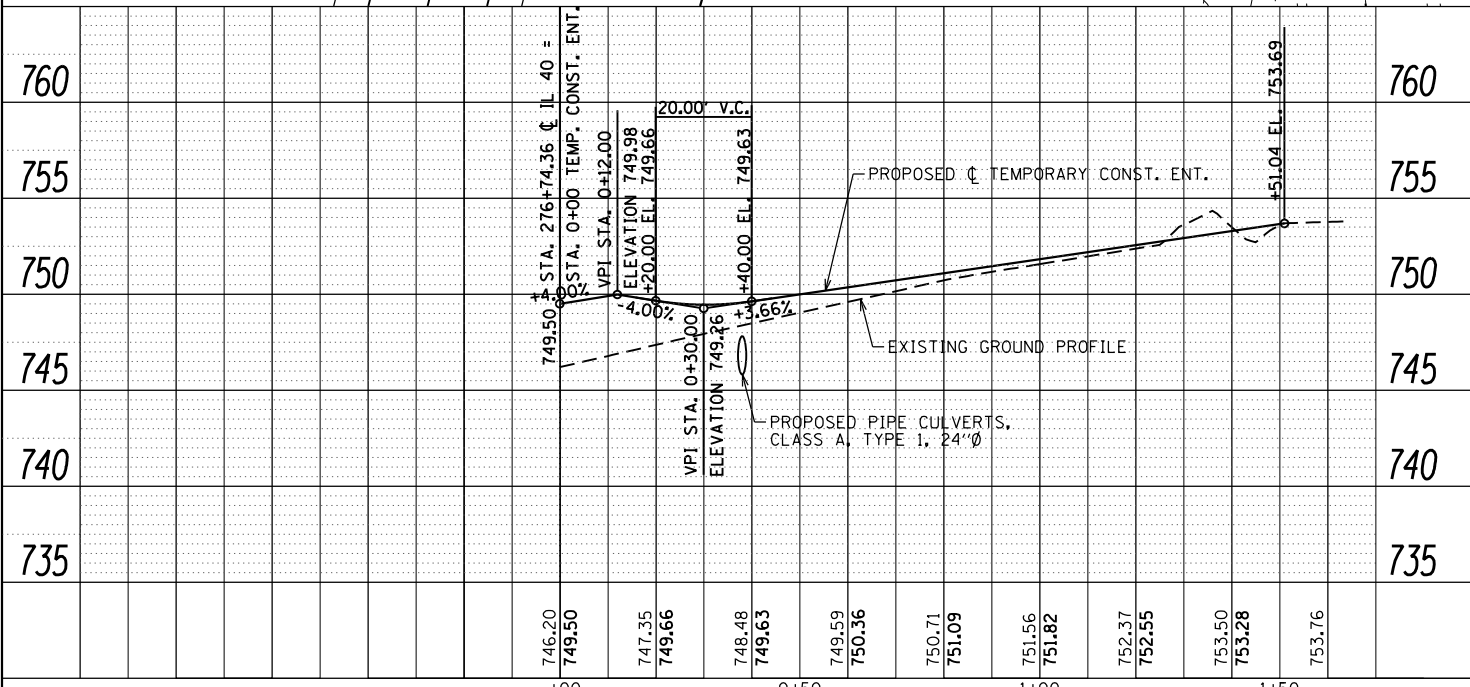
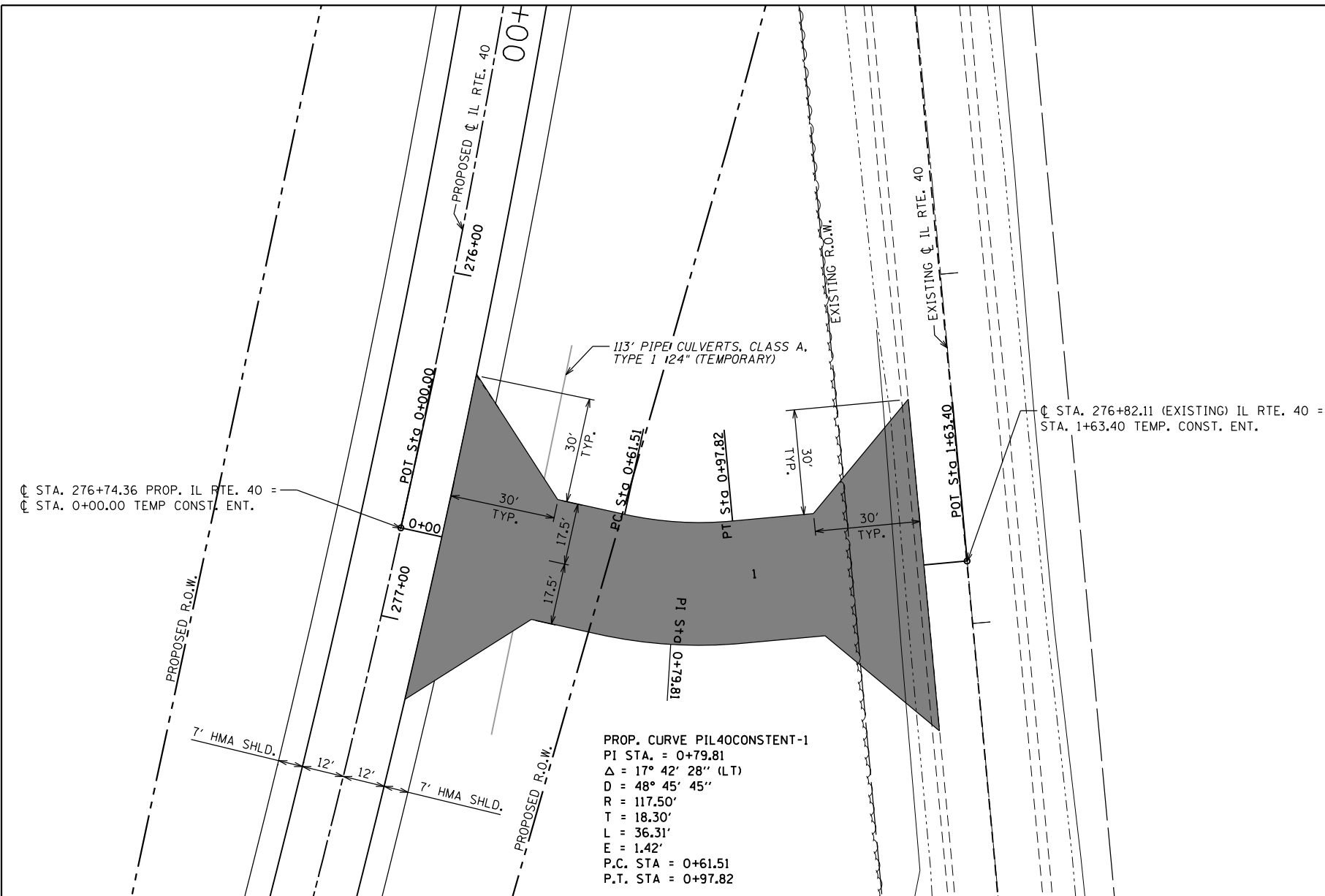
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	STRUCTURE NOTATIONS CHECKED		



FILE NAME =	USER NAME = Bryan Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE PROPOSED RAILROAD ENTRANCE LT. STA. 273 + 79.31 IL ROUTE 40	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012\Jobs\2120237\Geopak\VP&P-P-RRENT16.dgn		DRAWN -	REVISED -			1084	03-00083-00-BR	CARROLL	197	42
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	PLOT DATE = 11/12/2019	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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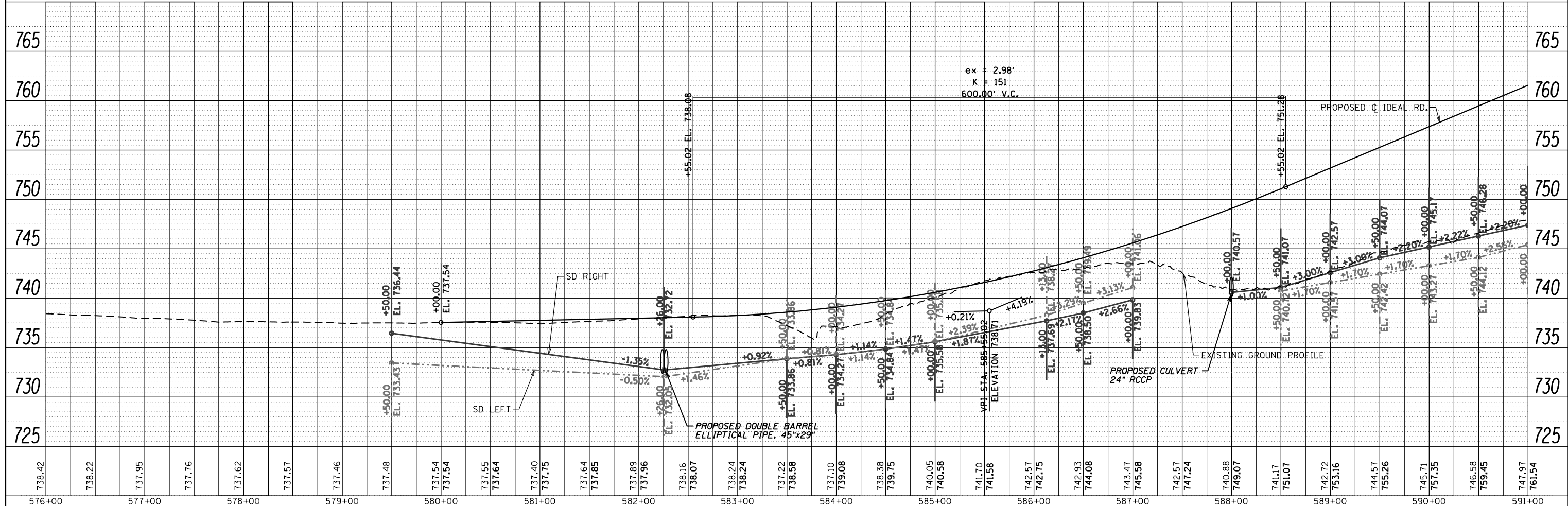
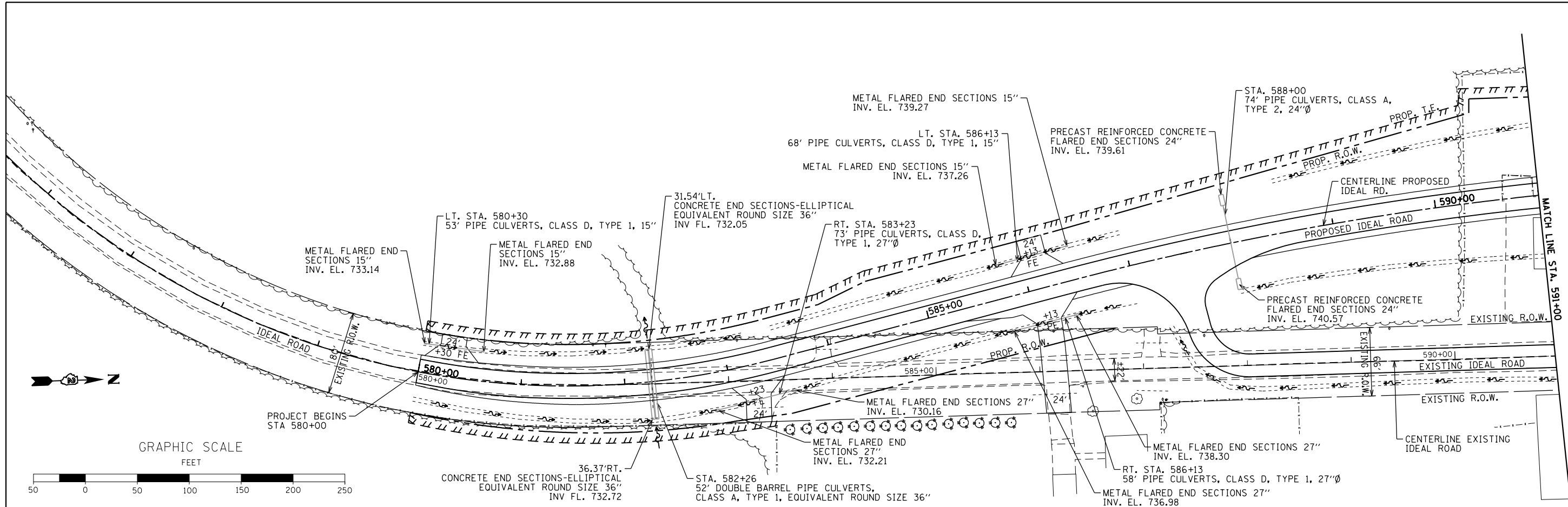


PIPE CULVERT CROSS SECTION - STA. 0+37.20

FILE NAME =	USER NAME = Bryan Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE PROPOSED STABILIZED CONSTRUCTION ENTRANCE LT. STA. 276 + 74.36 IL ROUTE 40		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012\Jobs\2120237\Geopak\P&P-PIL40CONS	ENT19.dgn	DRAWN -	REVISED -		1084	03-00083-00-BR	CARROLL	197	43		
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		JOB #C-92-067-06	CONTRACT NO. 85645					
	PLOT DATE = 11/12/2019	DATE -	REVISED -		SCALE: 1"=20'	SHEET 43	OF 197 SHEETS	STA. 0+00	TO STA. 1+63.40	ILLINOIS FED. AID PROJECT	

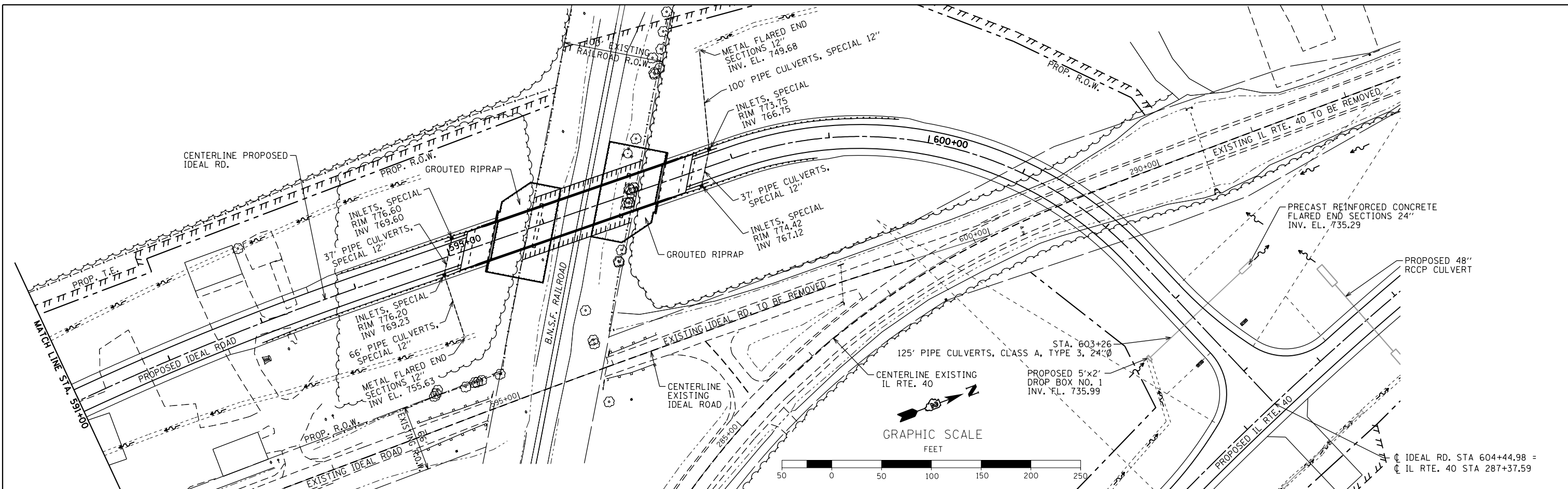
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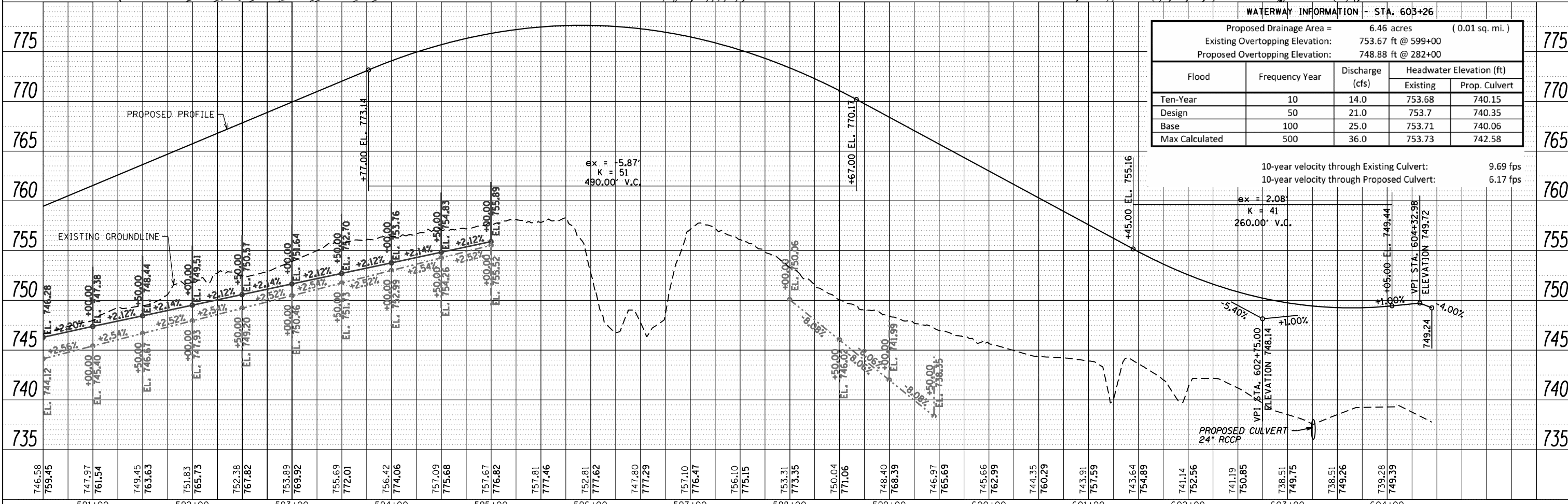


FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE IDEAL ROAD	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012\Jobs\2120237\Geopak\P&P-DRAINAGE-IDEAL-5.dgn	DEAL-5.dgn	DRAWN -	REVISED -			1084	03-00083-00-BR	CARROLL	197	45
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			JOB *C-92-067-06	CONTRACT NO. 85645			
	PLOT DATE = 11/12/2019	DATE -	REVISED -			SCALE: 1"=50' SHEET 45 OF 197 SHEETS STA. 576+00 TO STA. 591+00 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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	STRUCTURE	
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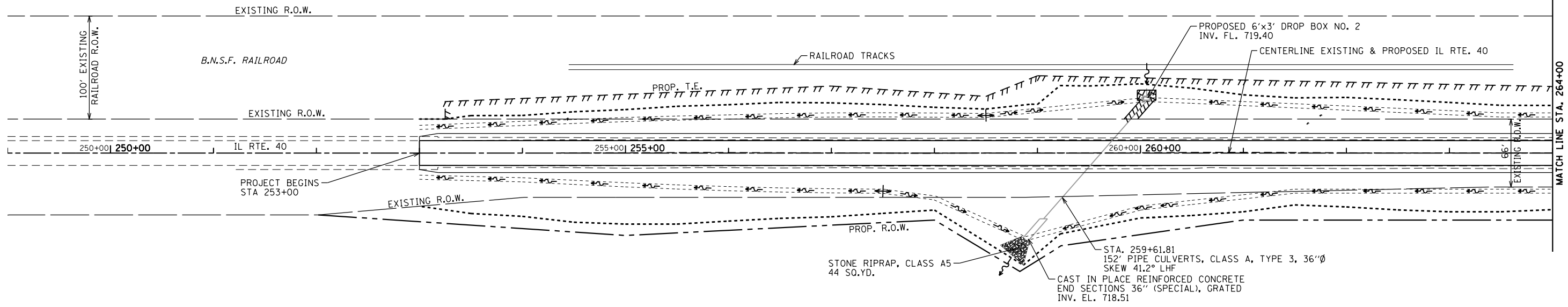
WATERWAY INFORMATION - STA. 603+26					
Flood		Frequency Year	Discharge (cfs)	Headwater Elevation (ft)	
				Existing	Prop. Culvert
Ten-Year Design		10	14.0	753.68	740.15
Base		50	21.0	753.7	740.35
Max Calculated		100	25.0	753.71	740.06
		500	36.0	753.73	742.58

Proposed Drainage Area = 6.46 acres (0.01 sq. mi.)
 Existing Overtopping Elevation: 753.67 ft @ 599+00
 Proposed Overtopping Elevation: 748.88 ft @ 282+00

10-year velocity through Existing Culvert: 9.69 fps
 10-year velocity through Proposed Culvert: 6.17 fps

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

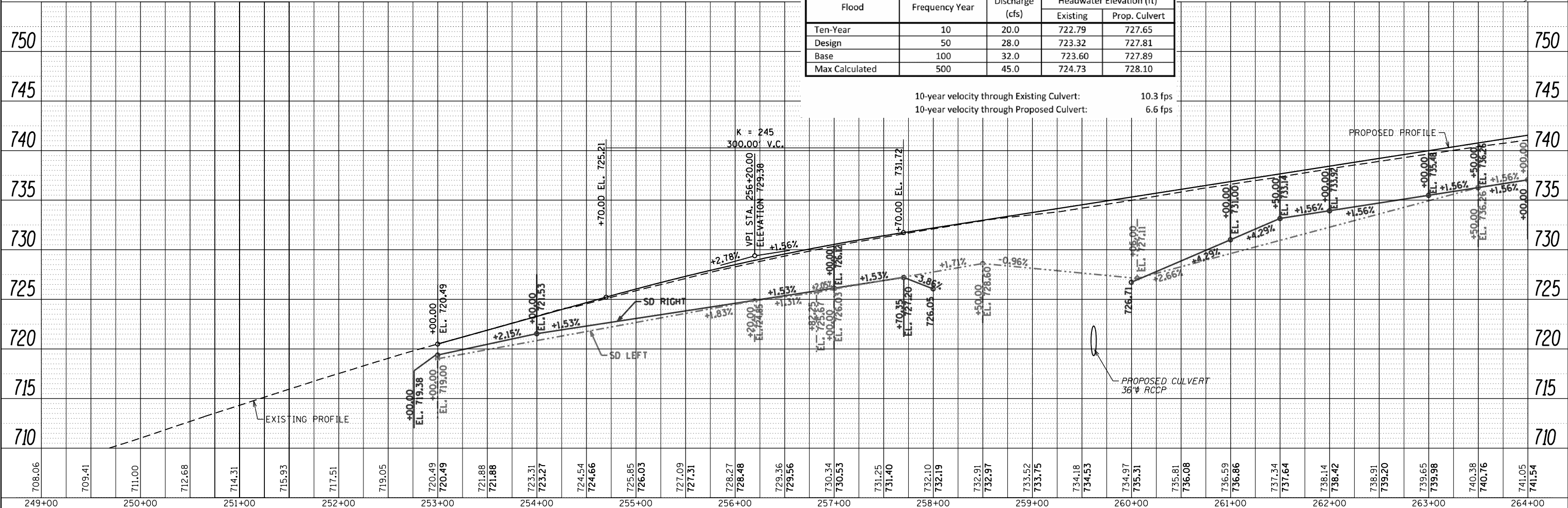
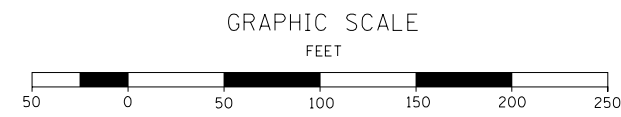
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	NO.		



WATERWAY INFORMATION - STA. 259+61.81

Proposed Drainage Area =	9.14 acres	(0.01 sq. mi.)
Existing Overtopping Elevation:	730.37 ft @ 258+50 LT	
Proposed Overtopping Elevation:	728.6 ft @ 258+50 LT	

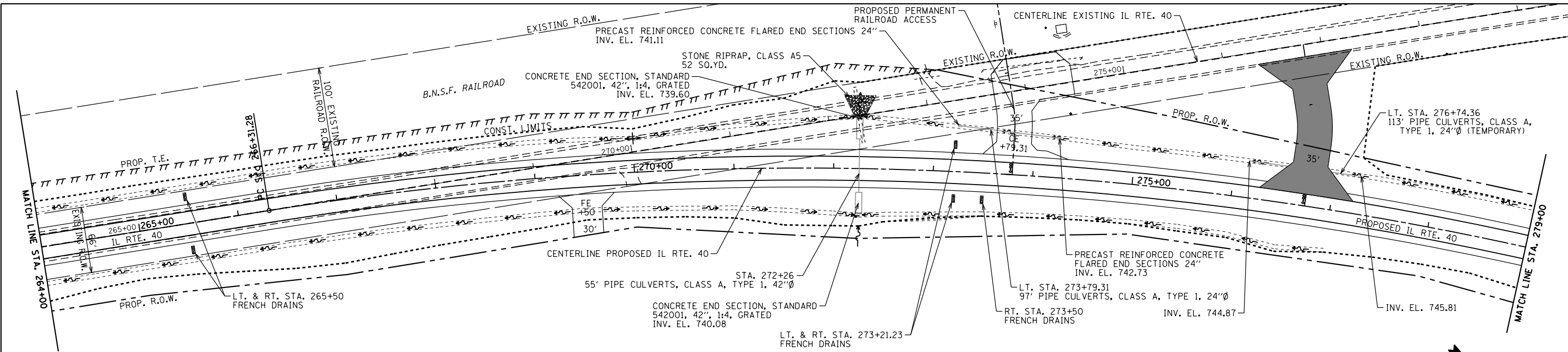
Flood	Frequency Year	Discharge (cfs)	Headwater Elevation (ft)	
			Existing	Prop. Culvert
Ten-Year	10	20.0	722.79	727.65
Design	50	28.0	723.32	727.81
Base	100	32.0	723.60	727.89
Max Calculated	500	45.0	724.73	728.10



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">DRAINAGE PLAN AND PROFILE IL ROUTE 40</p>	<p>SCALE: 1"=50' SHEET 47 OF 197 SHEETS STA. 249+00 TO STA. 264+00</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012\Jobs\2120237\Geopak\P&P-DRAINAGE-1_40-1.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			1084	03-00083-00-BR	CARROLL	197	47
Default	PLOT DATE = 11/12/2019	DATE -	REVISED -			JOB #C-92-067-06				CONTRACT NO. 85645
						ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
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	NO. 2	
	NO. 3	
	NO. 4	
	NO. 5	
	NO. 6	
	NO. 7	
	NO. 8	
	NO. 9	
	NO. 10	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. 1	
	NO. 2	
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	NO. 4	
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	NO. 7	
	NO. 8	
	NO. 9	
	NO. 10	

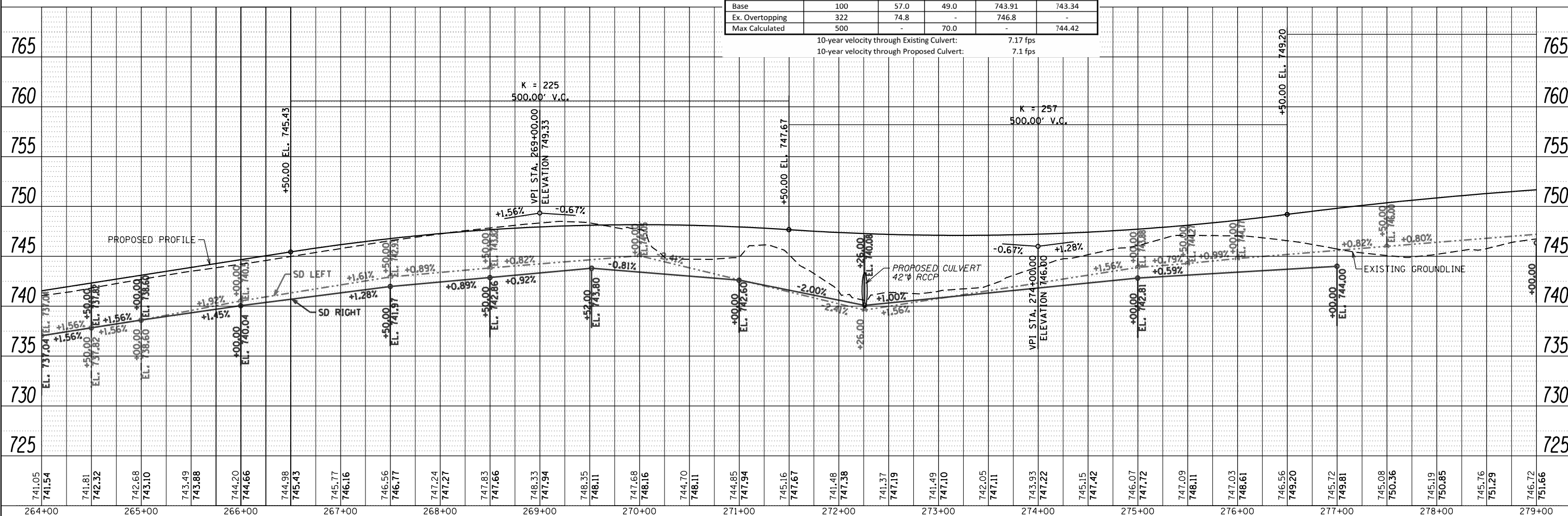
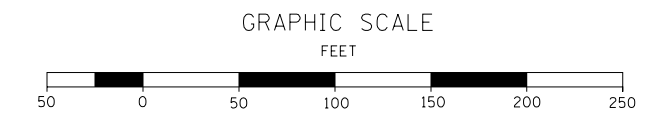


WATERWAY INFORMATION - STA. 272+26

Existing Drainage Area =	21 acres	(0.03 sq. mi.)
Proposed Drainage Area =	16.8 acres	(0.03 sq. mi.)
Existing Overtopping Elevation:	746.8 ft @ 269+50 Rt. Ditch	
Proposed Overtopping Elevation:	746.5 ft @ 269+50 Rt. F.E.	

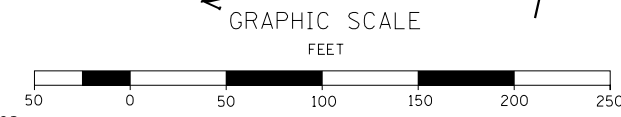
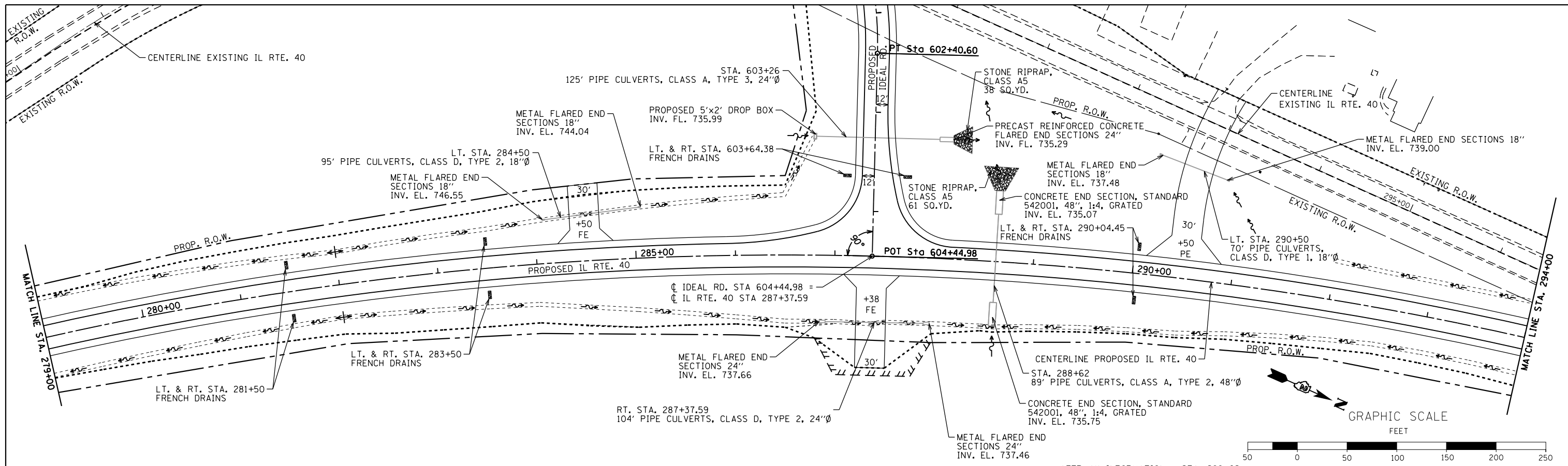
Flood	Frequency Year	Discharge (cfs)		Headwater Elevation (ft)	
		Existing	Proposed	Existing	Proposed
Ten-Year	10	34.0	29.0	741.54	742.39
Design	50	49.0	41.0	742.94	742.97
Base	100	57.0	49.0	743.91	743.34
Ex. Overtopping	322	74.8	-	746.8	-
Max Calculated	500	-	70.0	-	744.42

10-year velocity through Existing Culvert: 7.17 fps
 10-year velocity through Proposed Culvert: 7.1 fps



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

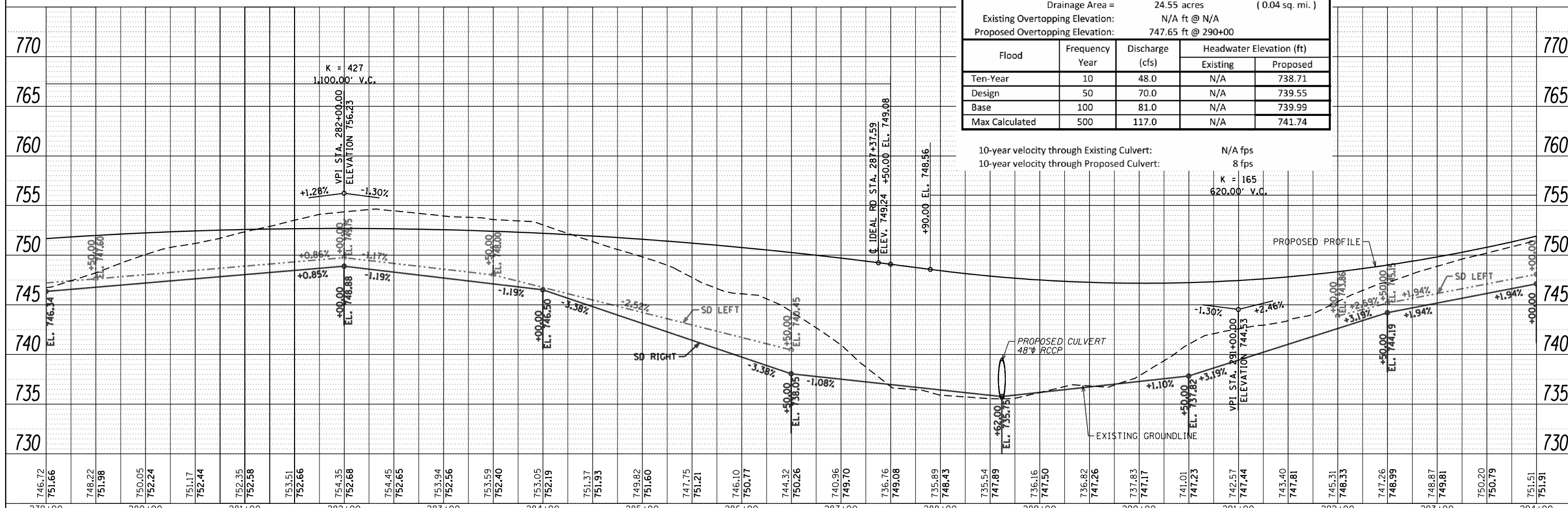
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



WATERWAY INFORMATION - STA. 288+62

Drainage Area = 24.55 acres (0.04 sq. mi.)				
Existing Overtopping Elevation: N/A ft @ N/A				
Proposed Overtopping Elevation: 747.65 ft @ 290+00				
Flood	Frequency Year	Discharge (cfs)	Headwater Elevation (ft)	
			Existing	Proposed
Ten-Year	10	48.0	N/A	738.71
Design	50	70.0	N/A	739.55
Base	100	81.0	N/A	739.99
Max Calculated	500	117.0	N/A	741.74

10-year velocity through Existing Culvert: N/A fps
 10-year velocity through Proposed Culvert: 8 fps
 K = 165
 620.00' V.C.

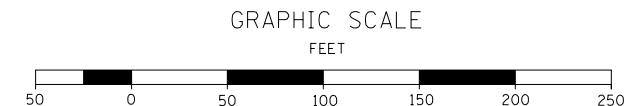
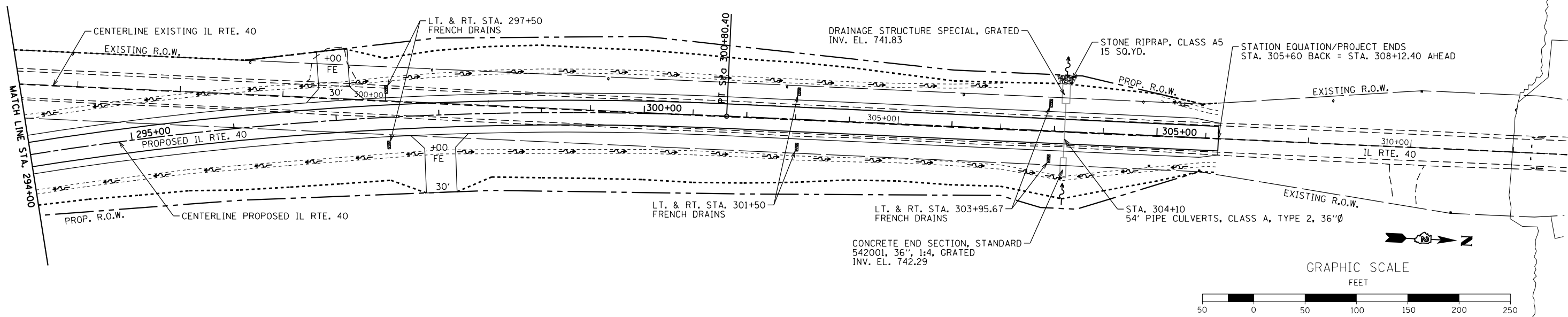


FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE IL ROUTE 40	F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012\Jobs\2120237\Geopak\VP&P-DRAINAGE-1	40-1.dgn	DRAWN -	REVISED -			1084	03-00083-00-BR	CARROLL	197	49
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			JOB #C-92-067-06	CONTRACT NO. 85645			
	PLOT DATE = 11/12/2019	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET 49 OF 197 SHEETS STA. 279+00 TO STA. 294+00

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	CHECKED	
	FILED	
	NO.	

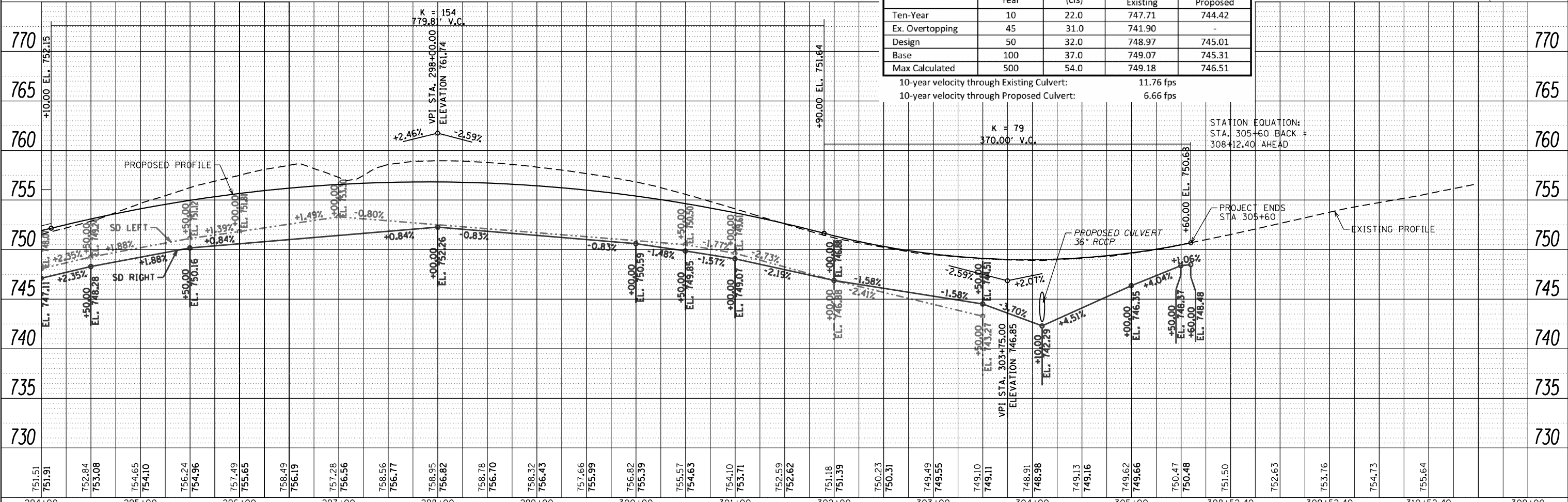


WATERWAY INFORMATION - STA. 304+10

Drainage Area =	12.48 acres	(0.02 sq. mi.)
Existing Overtopping Elevation:	748.91 ft @ 304+00	
Proposed Overtopping Elevation:	748.98 ft @ 304+00	

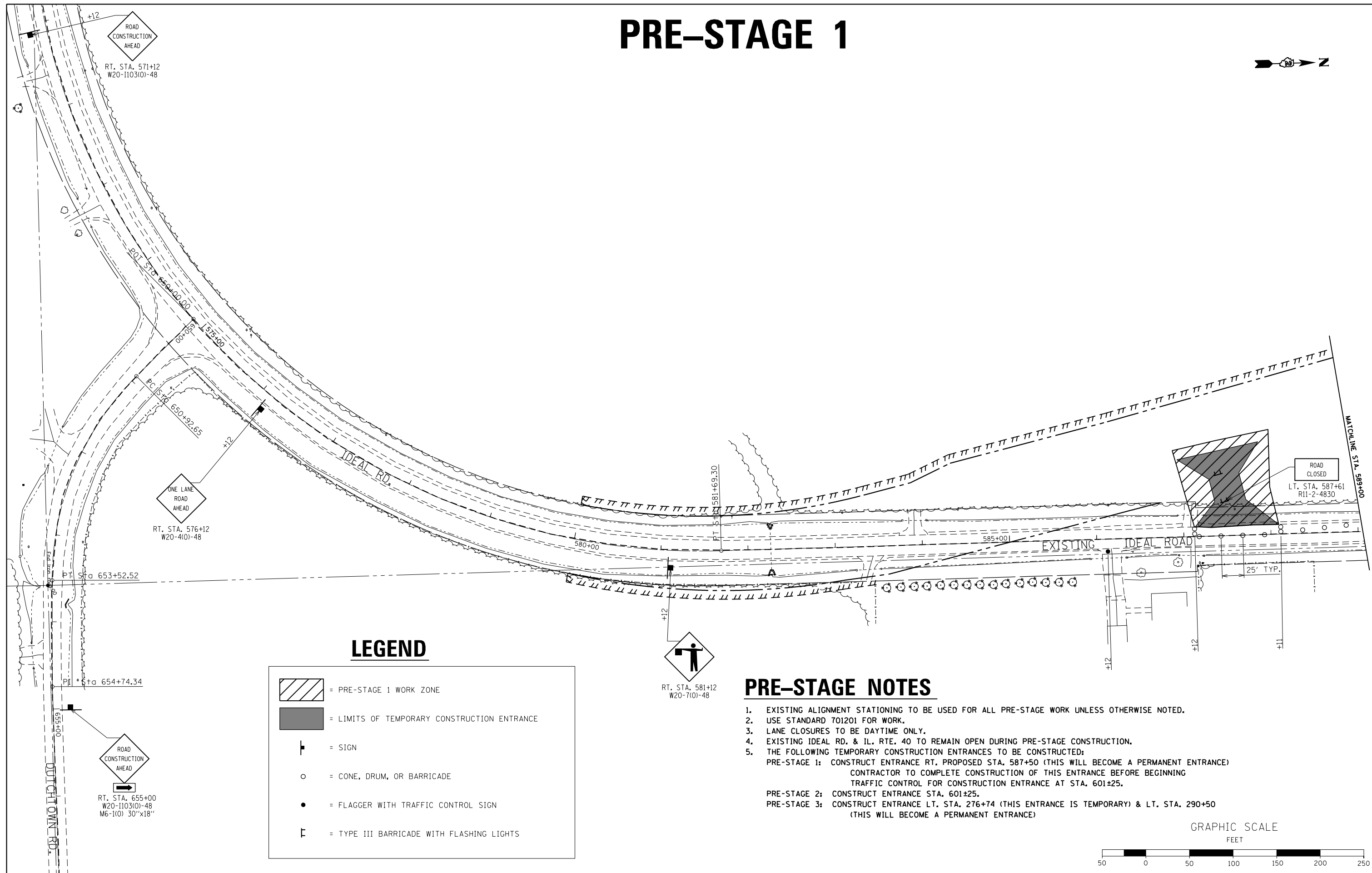
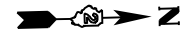
Flood	Frequency Year	Discharge (cfs)	Headwater Elevation (ft)	
			Existing	Proposed
Ten-Year	10	22.0	747.71	744.42
Ex. Overtopping	45	31.0	741.90	-
Design	50	32.0	748.97	745.01
Base	100	37.0	749.07	745.31
Max Calculated	500	54.0	749.18	746.51

10-year velocity through Existing Culvert: 11.76 fps
 10-year velocity through Proposed Culvert: 6.66 fps



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE IL ROUTE 40	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012\Jobs\2120237\Geopak\P&P-DRAINAGE-140-1.dgn	PLOT SCALE = 100.0000' / 1"	DRAWN -	REVISED -			1084	03-00083-00-BR	CARROLL	197	50
Default	PLOT DATE = 11/12/2019	CHECKED -	REVISED -			JOB #C-92-067-06	CONTRACT NO. 85645			
		DATE -	REVISED -			SCALE: 1"=50'	SHEET 50	OF 197 SHEETS	STA. 294+00	TO STA. 309+00

PRE-STAGE 1



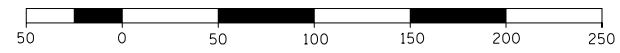
LEGEND

	= PRE-STAGE 1 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= FLAGGER WITH TRAFFIC CONTROL SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

PRE-STAGE NOTES

- EXISTING ALIGNMENT STATIONING TO BE USED FOR ALL PRE-STAGE WORK UNLESS OTHERWISE NOTED.
- USE STANDARD 701201 FOR WORK.
- LANE CLOSURES TO BE DAYTIME ONLY.
- EXISTING IDEAL RD. & IL. RTE. 40 TO REMAIN OPEN DURING PRE-STAGE CONSTRUCTION.
- THE FOLLOWING TEMPORARY CONSTRUCTION ENTRANCES TO BE CONSTRUCTED:
 - PRE-STAGE 1: CONSTRUCT ENTRANCE RT. PROPOSED STA. 587+50 (THIS WILL BECOME A PERMANENT ENTRANCE) CONTRACTOR TO COMPLETE CONSTRUCTION OF THIS ENTRANCE BEFORE BEGINNING TRAFFIC CONTROL FOR CONSTRUCTION ENTRANCE AT STA. 601±25.
 - PRE-STAGE 2: CONSTRUCT ENTRANCE STA. 601±25.
 - PRE-STAGE 3: CONSTRUCT ENTRANCE LT. STA. 276+74 (THIS ENTRANCE IS TEMPORARY) & LT. STA. 290+50 (THIS WILL BECOME A PERMANENT ENTRANCE)

GRAPHIC SCALE
FEET



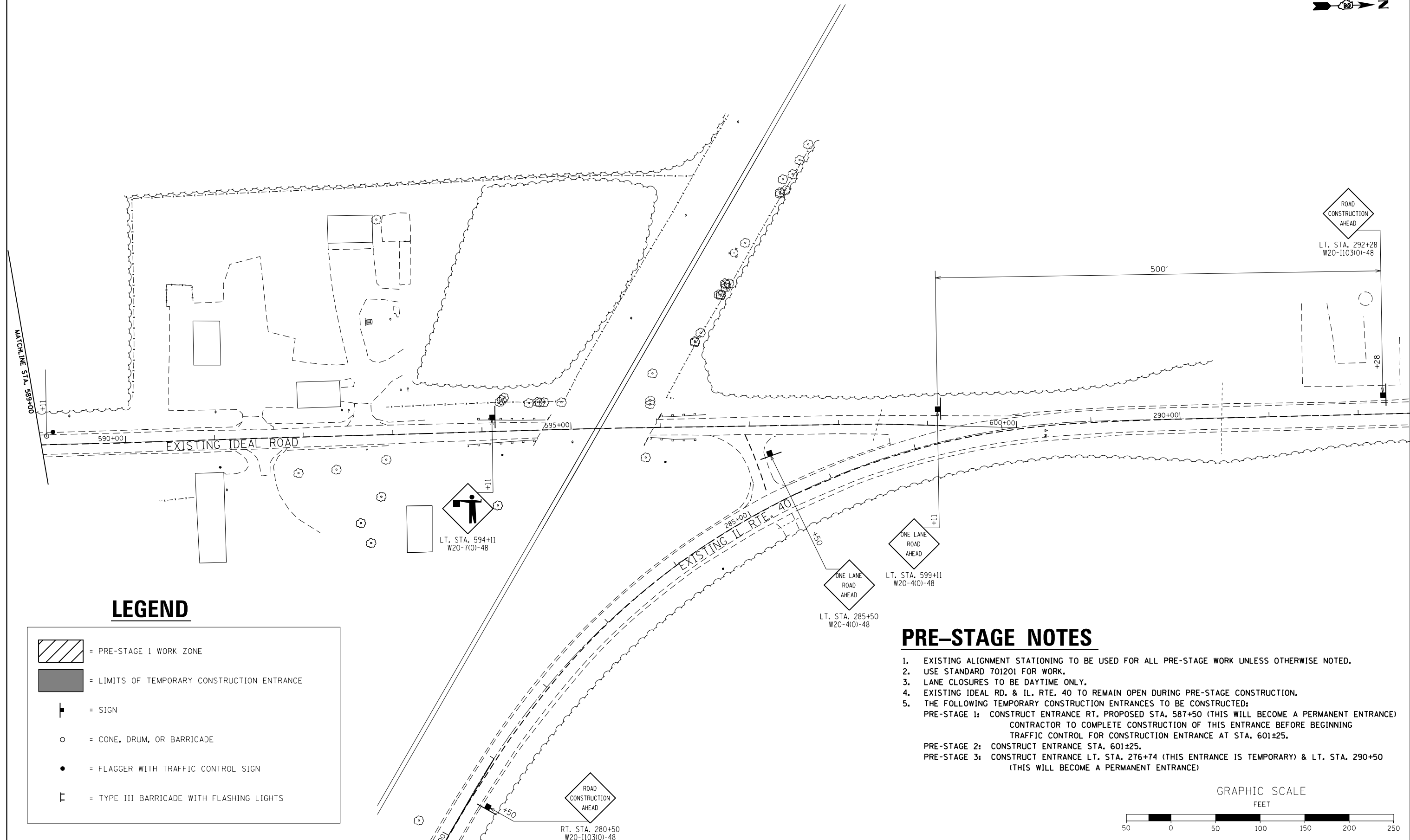
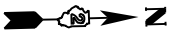
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	PLOT DATE = 11/12/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN			
IDEAL ROAD - PRE-STAGE 1			
SCALE: 1"=50'	SHEET 52	OF 197 SHEETS	STA. 571+00 TO STA. 589+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	52
JOB *C-92-067-06	CONTRACT NO. 85645			
ILLINOIS FED. AID PROJECT				

PRE-STAGE 1



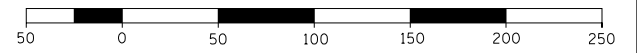
LEGEND

	= PRE-STAGE 1 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= FLAGGER WITH TRAFFIC CONTROL SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

PRE-STAGE NOTES

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- EXISTING IDEAL RD. & IL. RTE. 40 TO REMAIN OPEN DURING PRE-STAGE CONSTRUCTION.
- THE FOLLOWING TEMPORARY CONSTRUCTION ENTRANCES TO BE CONSTRUCTED:
 PRE-STAGE 1: CONSTRUCT ENTRANCE RT. PROPOSED STA. 587+50 (THIS WILL BECOME A PERMANENT ENTRANCE) CONTRACTOR TO COMPLETE CONSTRUCTION OF THIS ENTRANCE BEFORE BEGINNING TRAFFIC CONTROL FOR CONSTRUCTION ENTRANCE AT STA. 601±25.
 PRE-STAGE 2: CONSTRUCT ENTRANCE STA. 601±25.
 PRE-STAGE 3: CONSTRUCT ENTRANCE LT. STA. 276+74 (THIS ENTRANCE IS TEMPORARY) & LT. STA. 290+50 (THIS WILL BECOME A PERMANENT ENTRANCE)

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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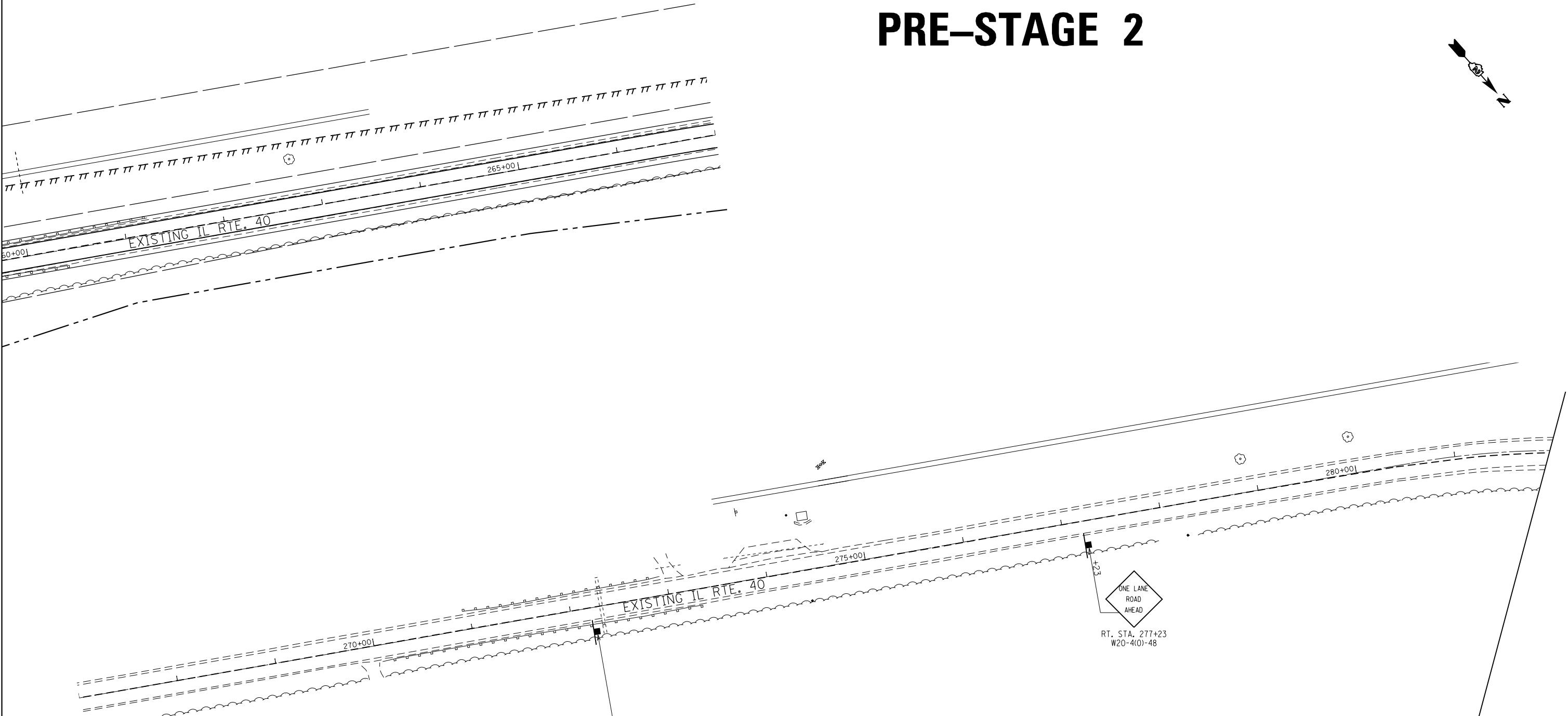
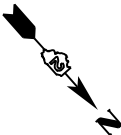
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC & STAGING PLAN
IDEAL ROAD - PRE-STAGE 1**







SCALE: 1"=50' SHEET 53 OF 197 SHEETS STA. 589+00 TO STA. 604+44.98

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	53
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

PRE-STAGE 2



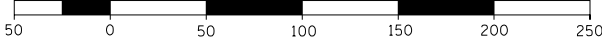
LEGEND

	= PRE-STAGE 2 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= FLAGGER WITH TRAFFIC CONTROL SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

PRE-STAGE NOTES

- EXISTING ALIGNMENT STATIONING TO BE USED FOR ALL PRE-STAGE WORK UNLESS OTHERWISE NOTED.
- USE STANDARD 701201 FOR WORK.
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 - PRE-STAGE 2: CONSTRUCT ENTRANCE STA. 601±25.
 - PRE-STAGE 3: CONSTRUCT ENTRANCE LT. STA. 276+74 (THIS ENTRANCE IS TEMPORARY) & LT. STA. 290+50 (THIS WILL BECOME A PERMANENT ENTRANCE)

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

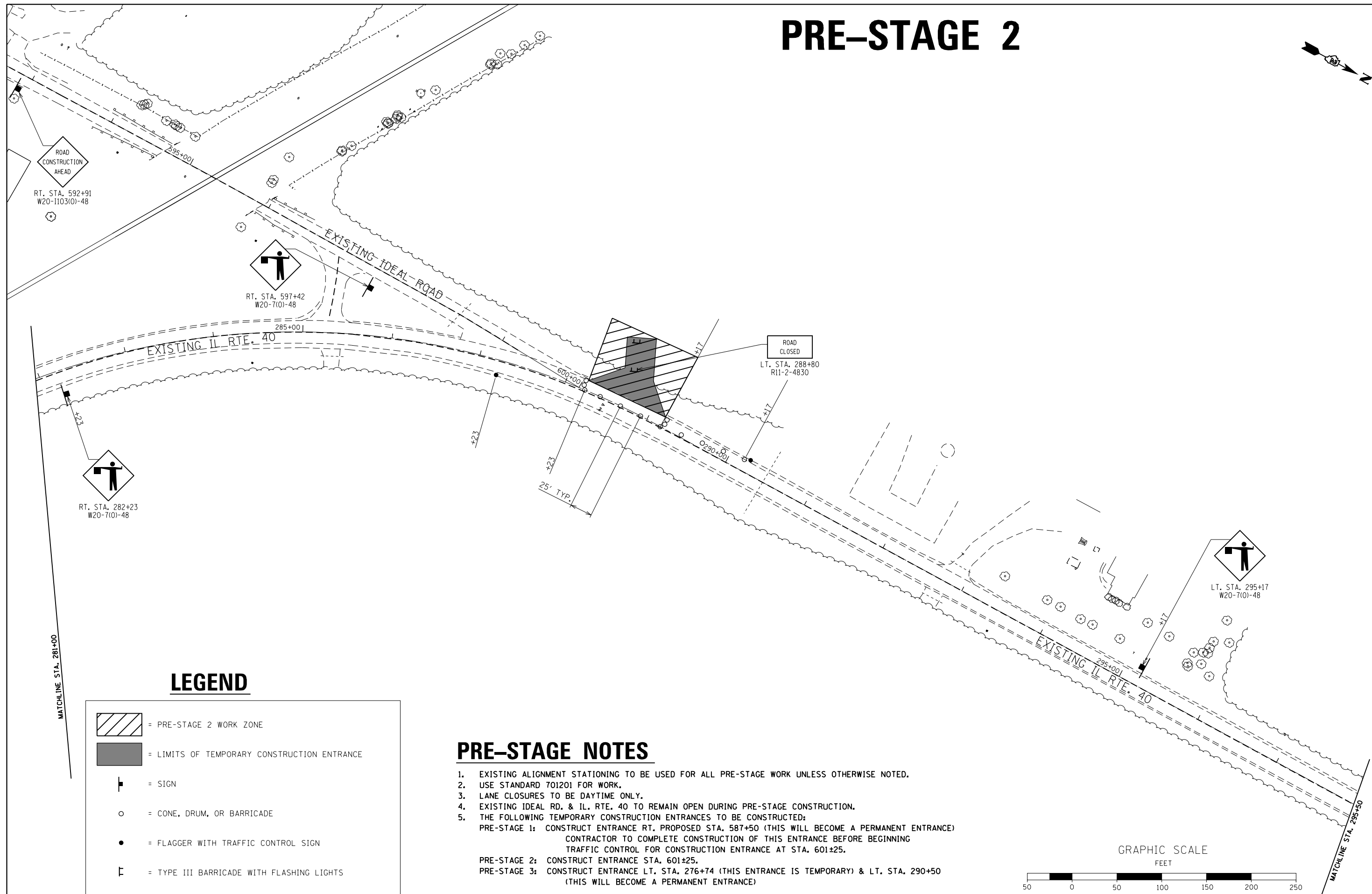
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - PRE-STAGE 2

SCALE: 1"=50' SHEET 54 OF 197 SHEETS STA. 260+00 TO STA. 281+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	54
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

PRE-STAGE 2



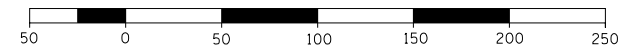
LEGEND

	= PRE-STAGE 2 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= FLAGGER WITH TRAFFIC CONTROL SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

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 PRE-STAGE 3: CONSTRUCT ENTRANCE LT. STA. 276+74 (THIS ENTRANCE IS TEMPORARY) & LT. STA. 290+50 (THIS WILL BECOME A PERMANENT ENTRANCE)

GRAPHIC SCALE
FEET



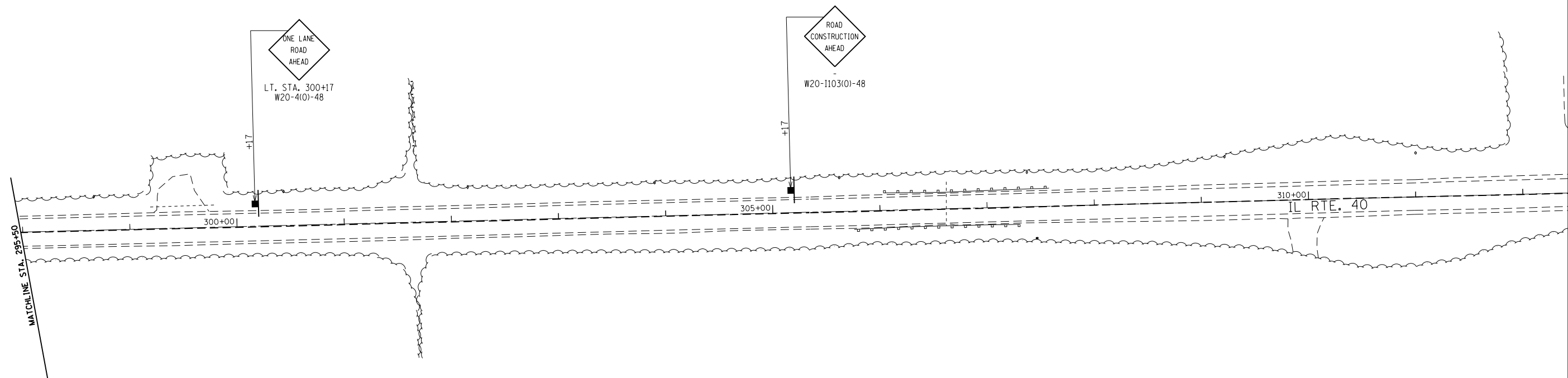
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION







MAINTENANCE OF TRAFFIC & STAGING PLAN			
IL ROUTE 40 - PRE-STAGE 2			
SCALE: 1"=50'	SHEET 55	OF 197 SHEETS	STA. 281+00 TO STA. 295+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	55
JOB *C-92-067-06	CONTRACT NO. 85645			
ILLINOIS FED. AID PROJECT				

PRE-STAGE 2



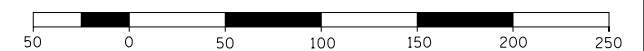
LEGEND

	= PRE-STAGE 2 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= FLAGGER WITH TRAFFIC CONTROL SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

PRE-STAGE NOTES

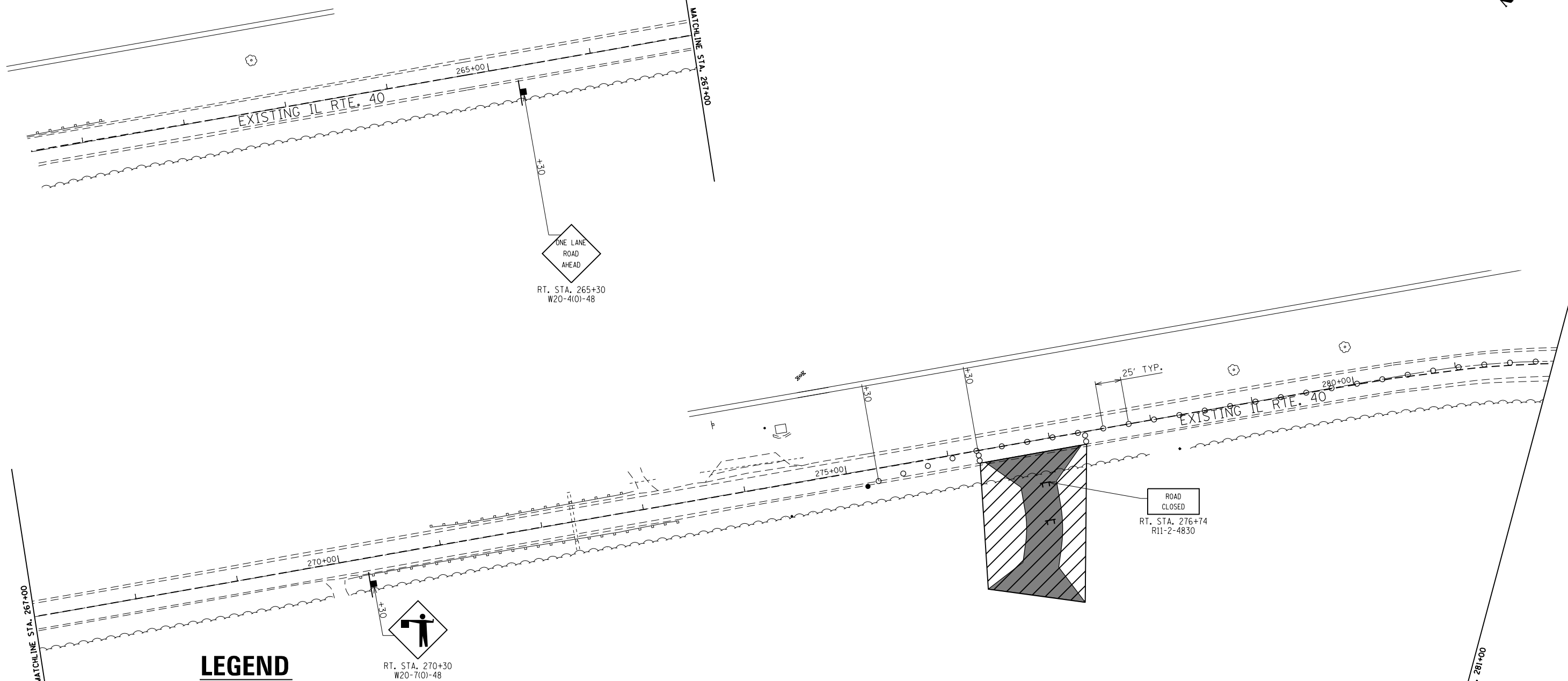
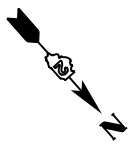
- EXISTING ALIGNMENT STATIONING TO BE USED FOR ALL PRE-STAGE WORK UNLESS OTHERWISE NOTED.
- USE STANDARD 701201 FOR WORK.
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 - PRE-STAGE 2: CONSTRUCT ENTRANCE STA. 601±25.
 - PRE-STAGE 3: CONSTRUCT ENTRANCE LT. STA. 276+74 (THIS ENTRANCE IS TEMPORARY) & LT. STA. 290+50 (THIS WILL BECOME A PERMANENT ENTRANCE)

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC & STAGING PLAN IL ROUTE 40 - PRE-STAGE 2	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012Jobs\2120237\Geopak\0206811-STG.dgn	DRAWN -	REVISED -	1084			03-00083-00-BR	CARROLL	197	56	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			JOB *C-92-067-06	CONTRACT NO. 85645			
	PLOT DATE = 11/12/2019	DATE -	REVISED -			SCALE: 1"=50'		SHEET 56 OF 197 SHEETS	STA. 295+50 TO STA. 312+00	ILLINOIS FED. AID PROJECT

PRE-STAGE 3



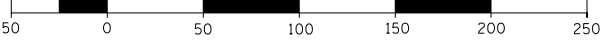
LEGEND

	= PRE-STAGE 3 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= FLAGGER WITH TRAFFIC CONTROL SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

PRE-STAGE NOTES

- EXISTING ALIGNMENT STATIONING TO BE USED FOR ALL PRE-STAGE WORK UNLESS OTHERWISE NOTED.
- USE STANDARD 701201 FOR WORK.
- LANE CLOSURES TO BE DAYTIME ONLY.
- EXISTING IDEAL RD. & IL. RTE. 40 TO REMAIN OPEN DURING PRE-STAGE CONSTRUCTION.
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 - PRE-STAGE 2: CONSTRUCT ENTRANCE STA. 601±25.
 - PRE-STAGE 3: CONSTRUCT ENTRANCE LT. STA. 276+74 (THIS ENTRANCE IS TEMPORARY) & LT. STA. 290+50 (THIS WILL BECOME A PERMANENT ENTRANCE)

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

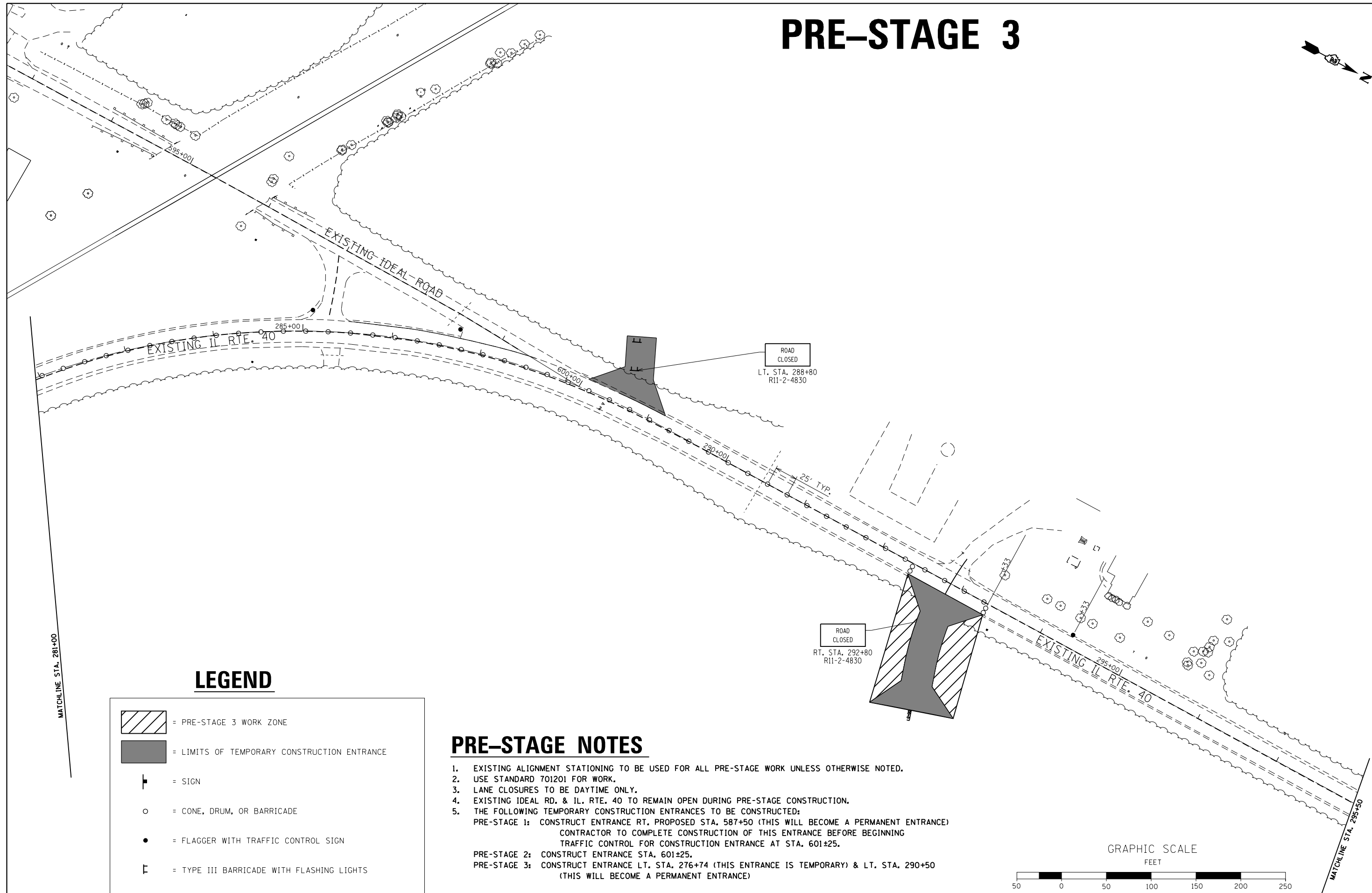
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - PRE-STAGE 3**

SCALE: 1"=50' SHEET 57 OF 197 SHEETS STA. 260+00 TO STA. 281+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	57
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

PRE-STAGE 3



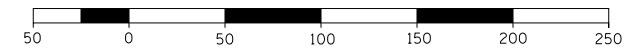
LEGEND

	= PRE-STAGE 3 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= FLAGGER WITH TRAFFIC CONTROL SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

PRE-STAGE NOTES

- EXISTING ALIGNMENT STATIONING TO BE USED FOR ALL PRE-STAGE WORK UNLESS OTHERWISE NOTED.
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- THE FOLLOWING TEMPORARY CONSTRUCTION ENTRANCES TO BE CONSTRUCTED:
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 CONTRACTOR TO COMPLETE CONSTRUCTION OF THIS ENTRANCE BEFORE BEGINNING TRAFFIC CONTROL FOR CONSTRUCTION ENTRANCE AT STA. 601±25.
 PRE-STAGE 2: CONSTRUCT ENTRANCE STA. 601±25.
 PRE-STAGE 3: CONSTRUCT ENTRANCE LT. STA. 276+74 (THIS ENTRANCE IS TEMPORARY) & LT. STA. 290+50 (THIS WILL BECOME A PERMANENT ENTRANCE)

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

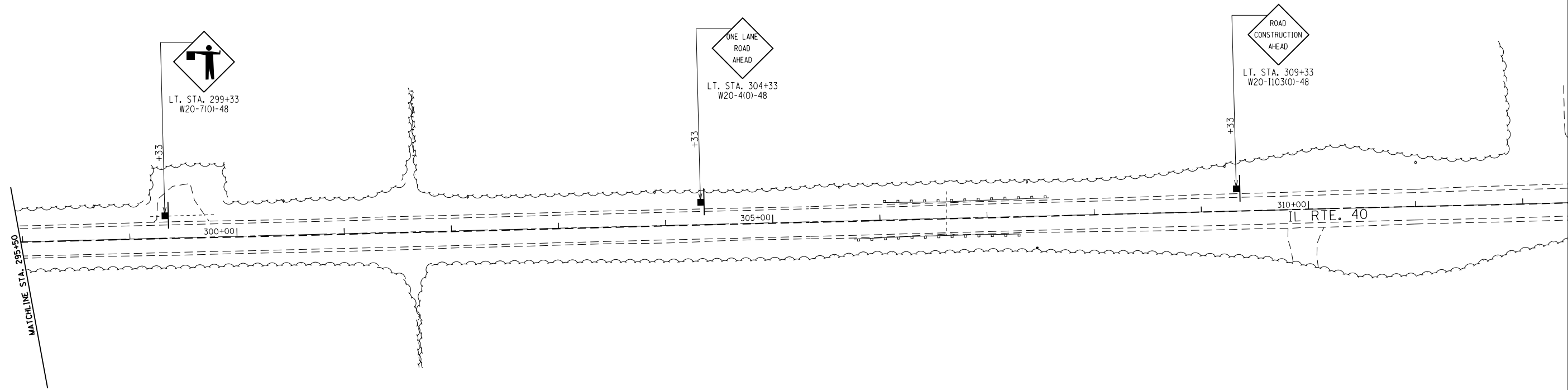
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - PRE-STAGE 3







SCALE: 1"=50' SHEET 58 OF 197 SHEETS STA. 281+00 TO STA. 295+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	58
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

PRE-STAGE 3



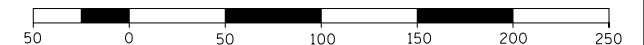
LEGEND

	= PRE-STAGE 3 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= FLAGGER WITH TRAFFIC CONTROL SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

PRE-STAGE NOTES

- EXISTING ALIGNMENT STATIONING TO BE USED FOR ALL PRE-STAGE WORK UNLESS OTHERWISE NOTED.
- USE STANDARD 701201 FOR WORK.
- LANE CLOSURES TO BE DAYTIME ONLY.
- EXISTING IDEAL RD. & IL. RTE. 40 TO REMAIN OPEN DURING PRE-STAGE CONSTRUCTION.
- THE FOLLOWING TEMPORARY CONSTRUCTION ENTRANCES TO BE CONSTRUCTED:
 PRE-STAGE 1: CONSTRUCT ENTRANCE RT. PROPOSED STA. 587+50 (THIS WILL BECOME A PERMANENT ENTRANCE)
 CONTRACTOR TO COMPLETE CONSTRUCTION OF THIS ENTRANCE BEFORE BEGINNING TRAFFIC CONTROL FOR CONSTRUCTION ENTRANCE AT STA. 601±25.
 PRE-STAGE 2: CONSTRUCT ENTRANCE STA. 601±25.
 PRE-STAGE 3: CONSTRUCT ENTRANCE LT. STA. 276+74 (THIS ENTRANCE IS TEMPORARY) & LT. STA. 290+50 (THIS WILL BECOME A PERMANENT ENTRANCE)

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

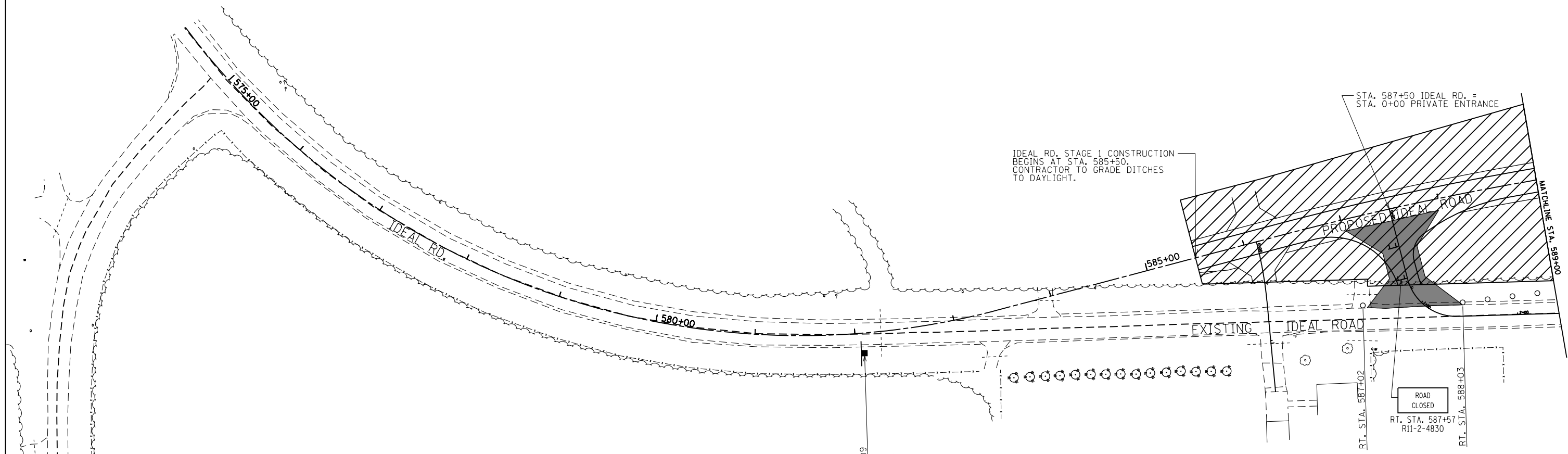
MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - PRE-STAGE 3

SCALE: 1"=50' SHEET 59 OF 197 SHEETS STA. 295+50 TO STA. 312+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	59
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 1

ROAD
CONSTRUCTION
AHEAD
RT. STA. 560+40
W20-1103(0)-48



LEGEND

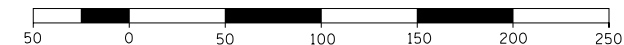
	= STAGE 1 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= TYPE III BARRICADE WITH FLASHING LIGHTS

RT. STA. 582+09
W21-1(0)-48

STAGE 1 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARDS 701001 & 701006 FOR WORK.
3. EXISTING IDEAL RD. & IL. RTE. 40 TO REMAIN OPEN DURING STAGE 1 CONSTRUCTION.
4. OFF ROAD OPERATIONS TO CONSTRUCT IDEAL ROAD & IL. RTE. 40 ON NEW ALIGNMENTS WITHOUT HMA SURFACE.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

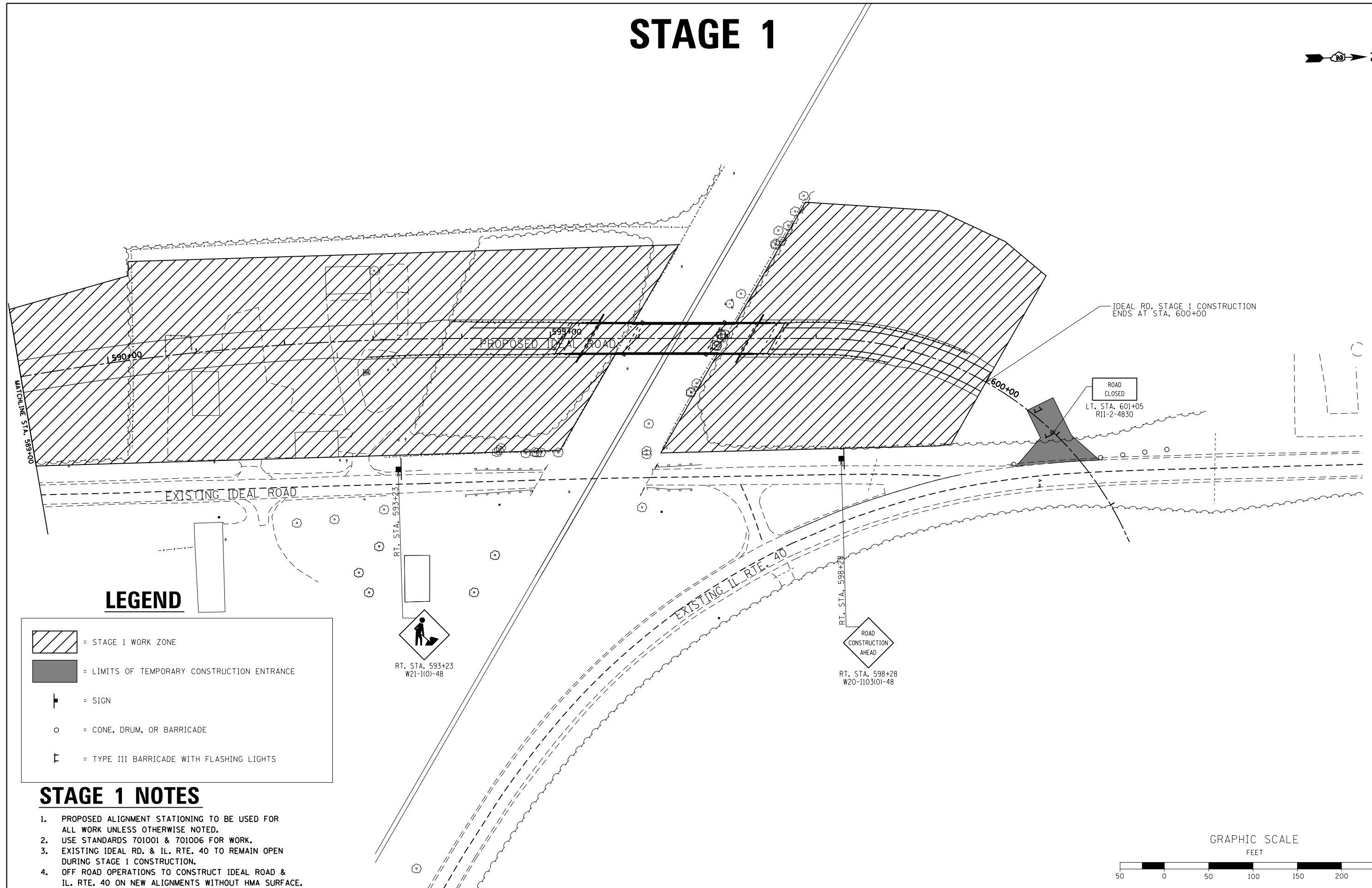
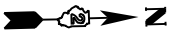
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IDEAL ROAD - STAGE 1

SCALE: 1"=50' SHEET 60 OF 197 SHEETS STA. 571+00 TO STA. 589+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	60
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 1



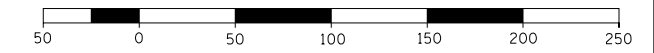
LEGEND

	= STAGE 1 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 1 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARDS 701001 & 701006 FOR WORK.
3. EXISTING IDEAL RD. & IL. RTE. 40 TO REMAIN OPEN DURING STAGE 1 CONSTRUCTION.
4. OFF ROAD OPERATIONS TO CONSTRUCT IDEAL ROAD & IL. RTE. 40 ON NEW ALIGNMENTS WITHOUT HMA SURFACE.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

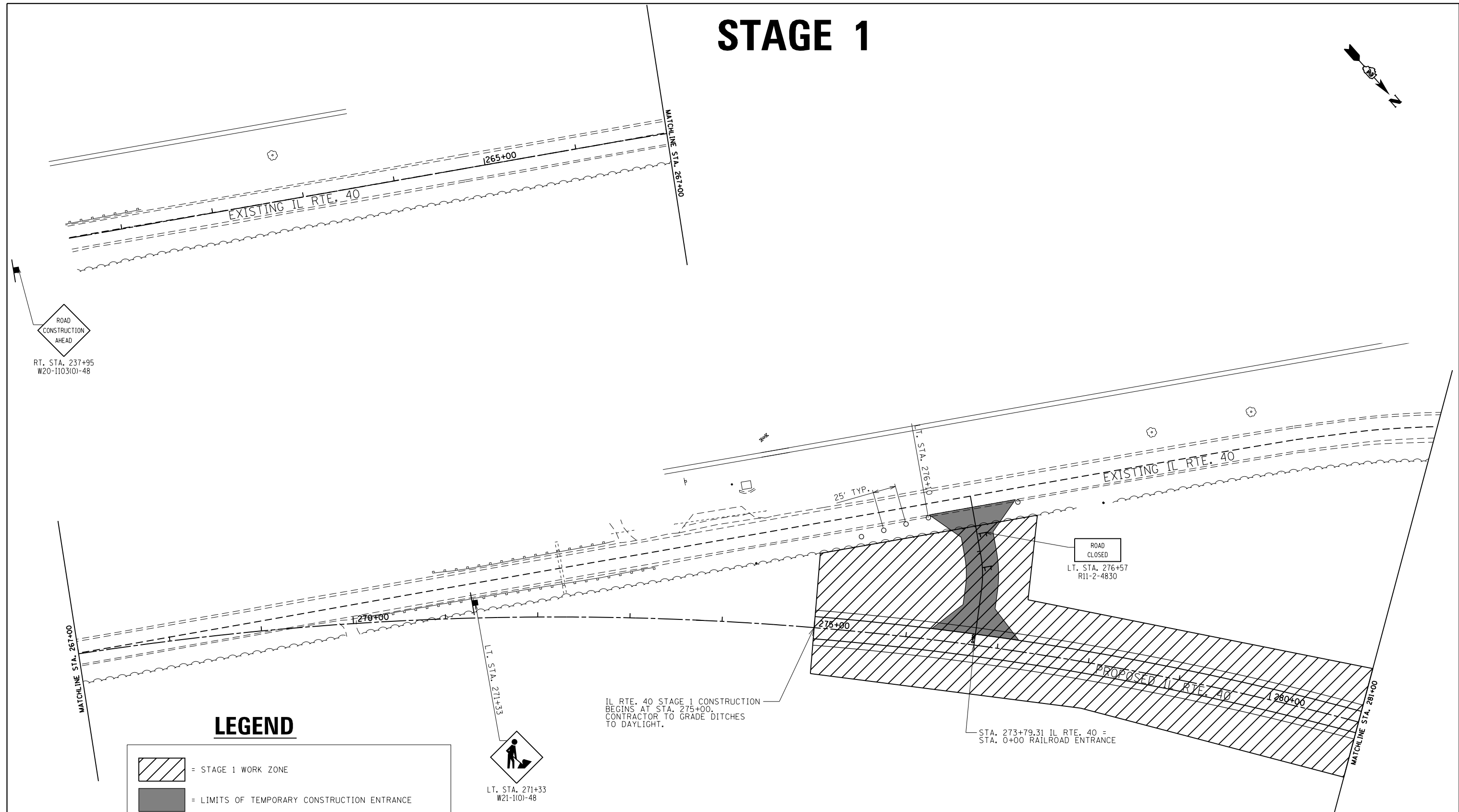
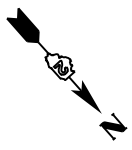
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IDEAL ROAD - STAGE 1

SCALE: 1"=50' SHEET 61 OF 197 SHEETS STA. 589+00 TO STA. 604+44.98

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	61
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 1



LEGEND

	= STAGE 1 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= TYPE III BARRICADE WITH FLASHING LIGHTS

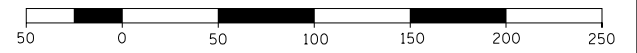


IL RTE. 40 STAGE 1 CONSTRUCTION BEGINS AT STA. 275+00. CONTRACTOR TO GRADE DITCHES TO DAYLIGHT.

STAGE 1 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARDS 701001 & 701006 FOR WORK.
3. EXISTING IDEAL RD. & IL. RTE. 40 TO REMAIN OPEN DURING STAGE 1 CONSTRUCTION.
4. OFF ROAD OPERATIONS TO CONSTRUCT IDEAL ROAD & IL. RTE. 40 ON NEW ALIGNMENTS WITHOUT HMA SURFACE.

GRAPHIC SCALE
FEET



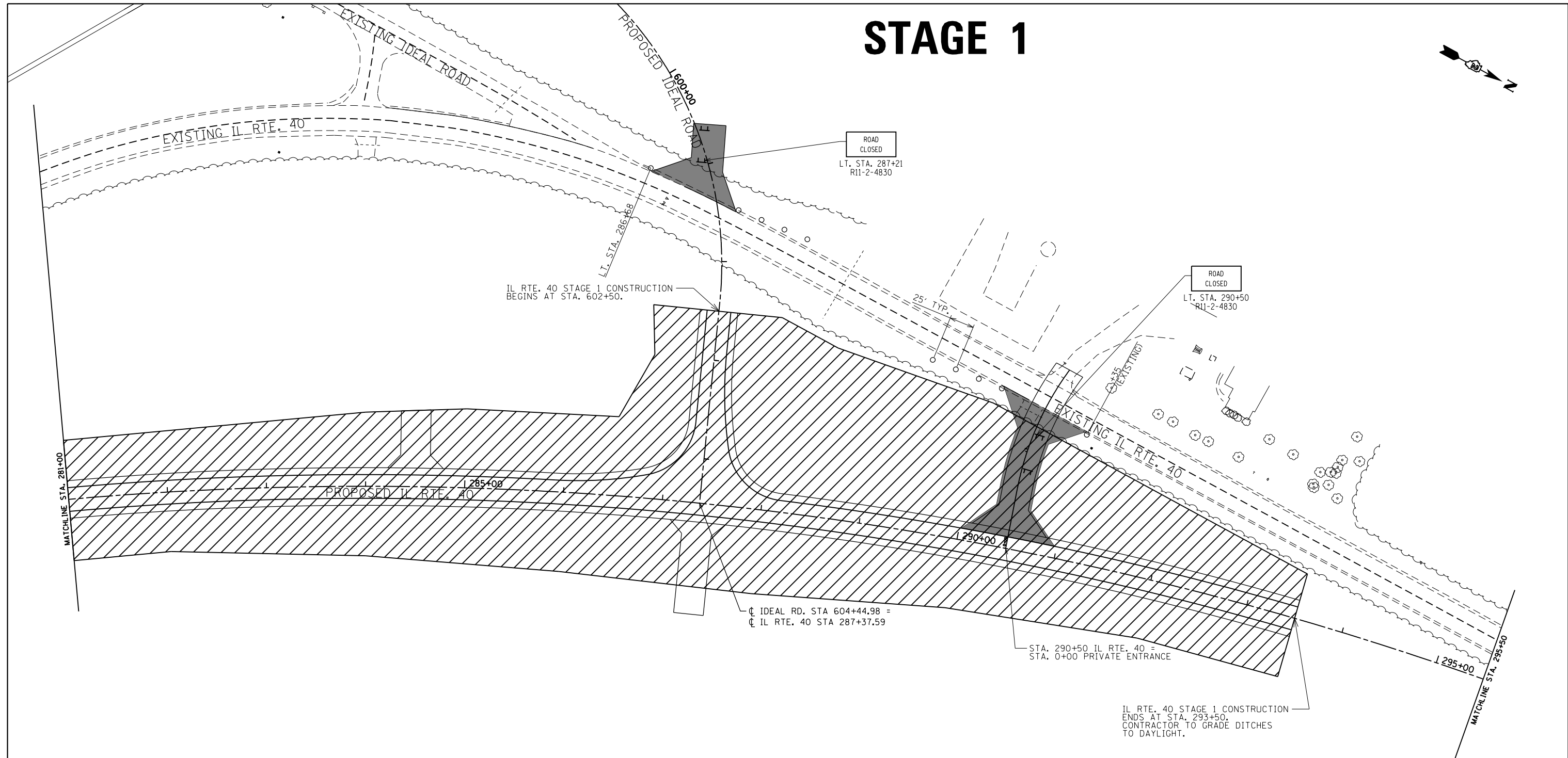
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN			
IL ROUTE 40 - STAGE 1			
SCALE: 1"=50'	SHEET 62	OF 197 SHEETS	STA. 260+00 TO STA. 281+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	62
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 1



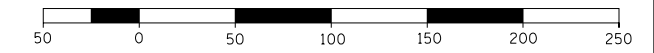
LEGEND

	= STAGE 1 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 1 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARDS 701001 & 701006 FOR WORK.
3. EXISTING IDEAL RD. & IL. RTE. 40 TO REMAIN OPEN DURING STAGE 1 CONSTRUCTION.
4. OFF ROAD OPERATIONS TO CONSTRUCT IDEAL ROAD & IL. RTE. 40 ON NEW ALIGNMENTS WITHOUT HMA SURFACE.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
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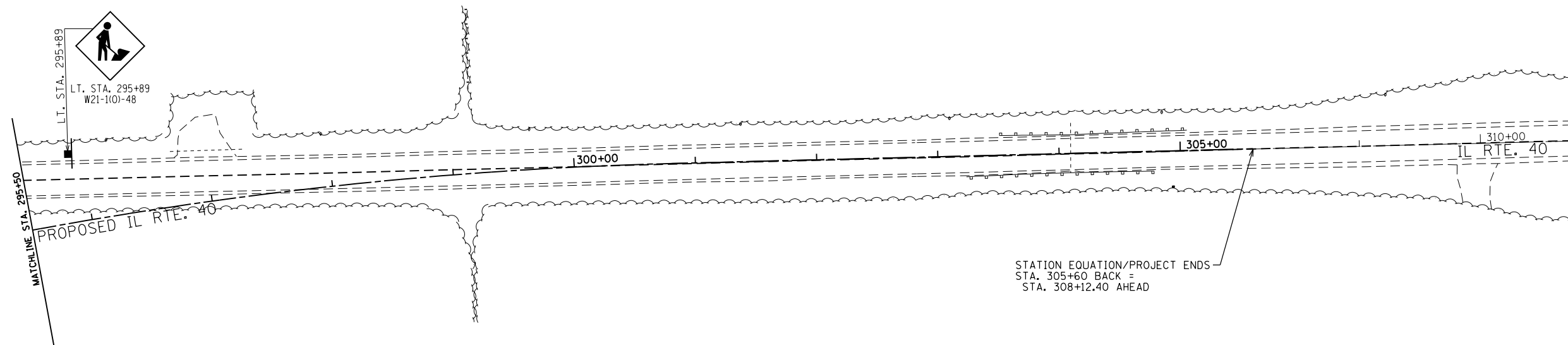
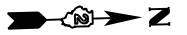
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - STAGE 1






SCALE: 1"=50' SHEET 63 OF 197 SHEETS STA. 281+00 TO STA. 295+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	63
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 1



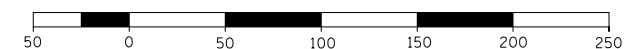
LEGEND

	= STAGE 1 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 1 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARDS 701001 & 701006 FOR WORK.
3. EXISTING IDEAL RD. & IL. RTE. 40 TO REMAIN OPEN DURING STAGE 1 CONSTRUCTION.
4. OFF ROAD OPERATIONS TO CONSTRUCT IDEAL ROAD & IL. RTE. 40 ON NEW ALIGNMENTS WITHOUT HMA SURFACE.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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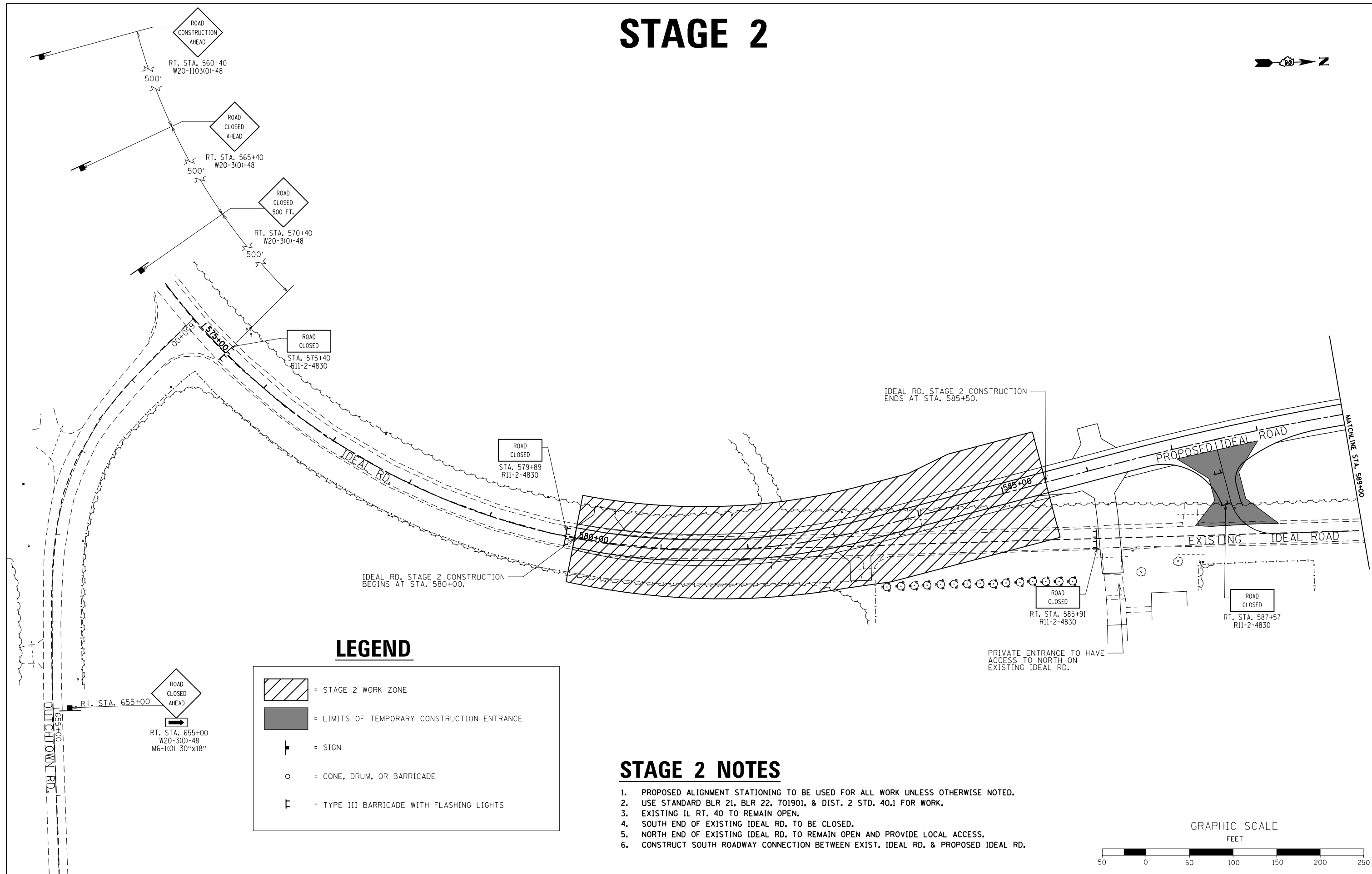
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - STAGE 1

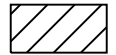




SCALE: 1"=50' SHEET 64 OF 197 SHEETS STA. 295+50 TO STA. 312+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	64
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 2



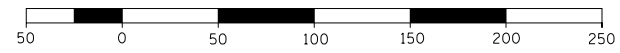
LEGEND

	= STAGE 2 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 2 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21, BLR 22, 701901, & DIST. 2 STD. 40.1 FOR WORK.
3. EXISTING IL RT. 40 TO REMAIN OPEN.
4. SOUTH END OF EXISTING IDEAL RD. TO BE CLOSED.
5. NORTH END OF EXISTING IDEAL RD. TO REMAIN OPEN AND PROVIDE LOCAL ACCESS.
6. CONSTRUCT SOUTH ROADWAY CONNECTION BETWEEN EXIST. IDEAL RD. & PROPOSED IDEAL RD.

GRAPHIC SCALE
FEET



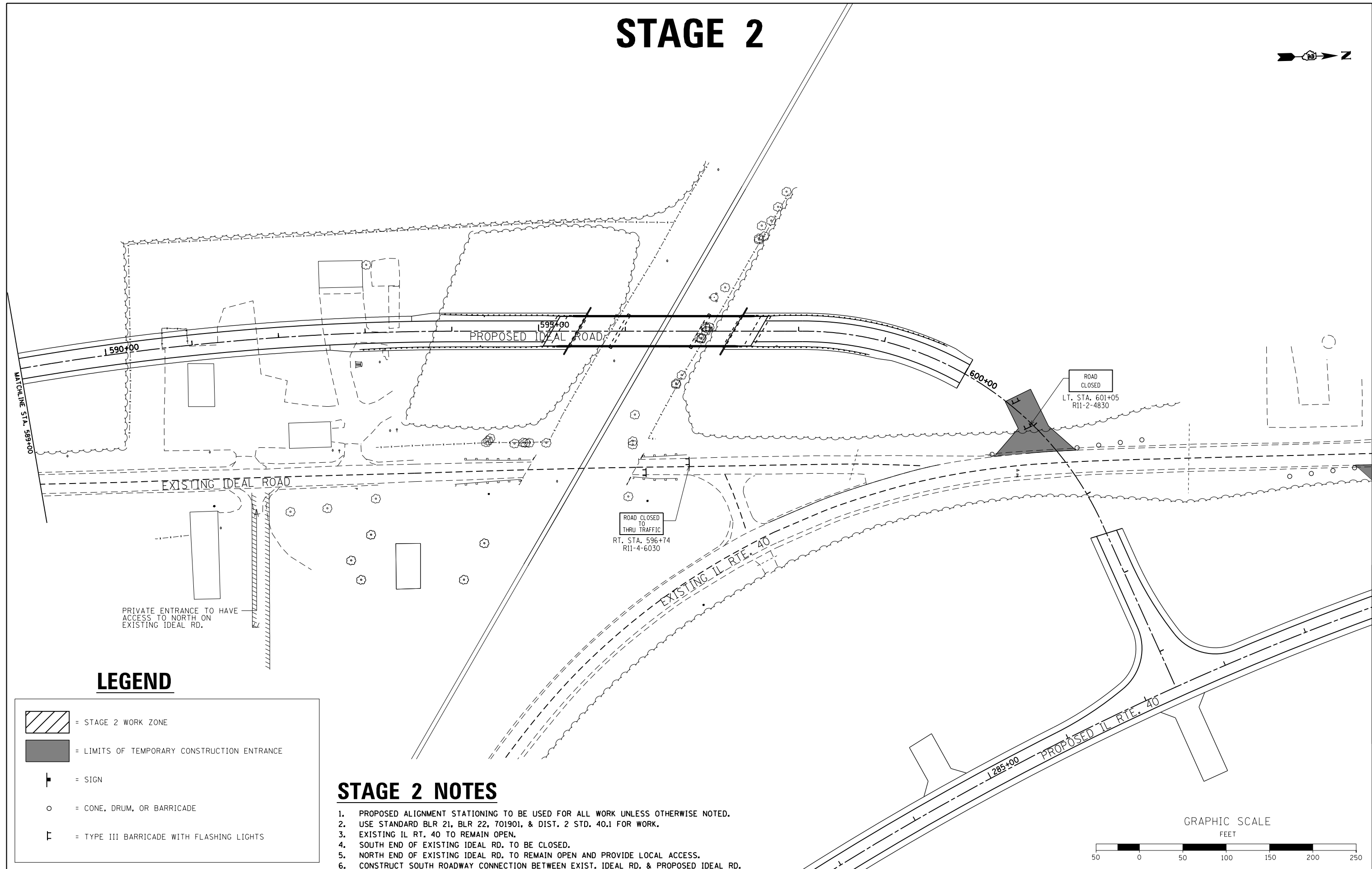
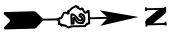
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN			
IDEAL ROAD - STAGE 2			
SCALE: 1"=50'	SHEET 65	OF 197 SHEETS	STA. 574+00 TO STA. 589+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	65
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 2



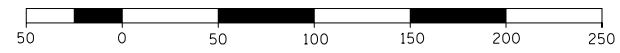
LEGEND

	= STAGE 2 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 2 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21, BLR 22, 701901, & DIST. 2 STD. 40.1 FOR WORK.
3. EXISTING IL RT. 40 TO REMAIN OPEN.
4. SOUTH END OF EXISTING IDEAL RD. TO BE CLOSED.
5. NORTH END OF EXISTING IDEAL RD. TO REMAIN OPEN AND PROVIDE LOCAL ACCESS.
6. CONSTRUCT SOUTH ROADWAY CONNECTION BETWEEN EXIST. IDEAL RD. & PROPOSED IDEAL RD.

GRAPHIC SCALE
FEET



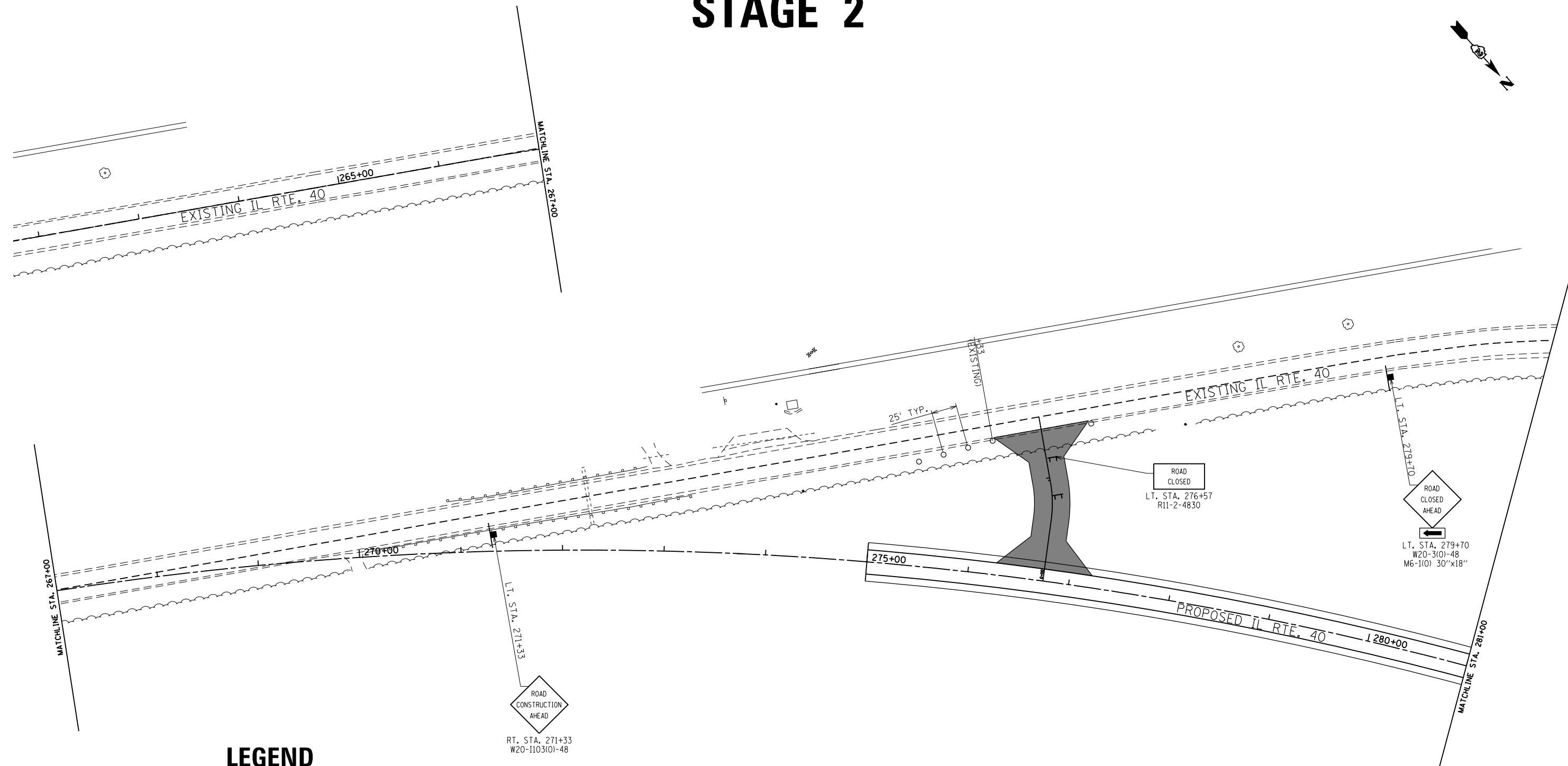
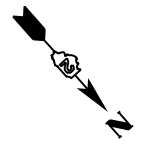
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION






MAINTENANCE OF TRAFFIC & STAGING PLAN			
IDEAL ROAD - STAGE 2			
SCALE: 1"=50'	SHEET 66	OF 197 SHEETS	STA. 589+00 TO STA. 604+44.98

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	66
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 2



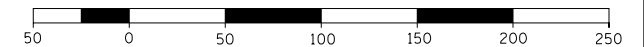
LEGEND

	= STAGE 2 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 2 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21, BLR 22, 701901, & DIST. 2 STD. 40.1 FOR WORK.
3. EXISTING IL RT. 40 TO REMAIN OPEN.
4. SOUTH END OF EXISTING IDEAL RD. TO BE CLOSED.
5. NORTH END OF EXISTING IDEAL RD. TO REMAIN OPEN AND PROVIDE LOCAL ACCESS.
6. CONSTRUCT SOUTH ROADWAY CONNECTION BETWEEN EXIST. IDEAL RD. & PROPOSED IDEAL RD.

GRAPHIC SCALE
FEET



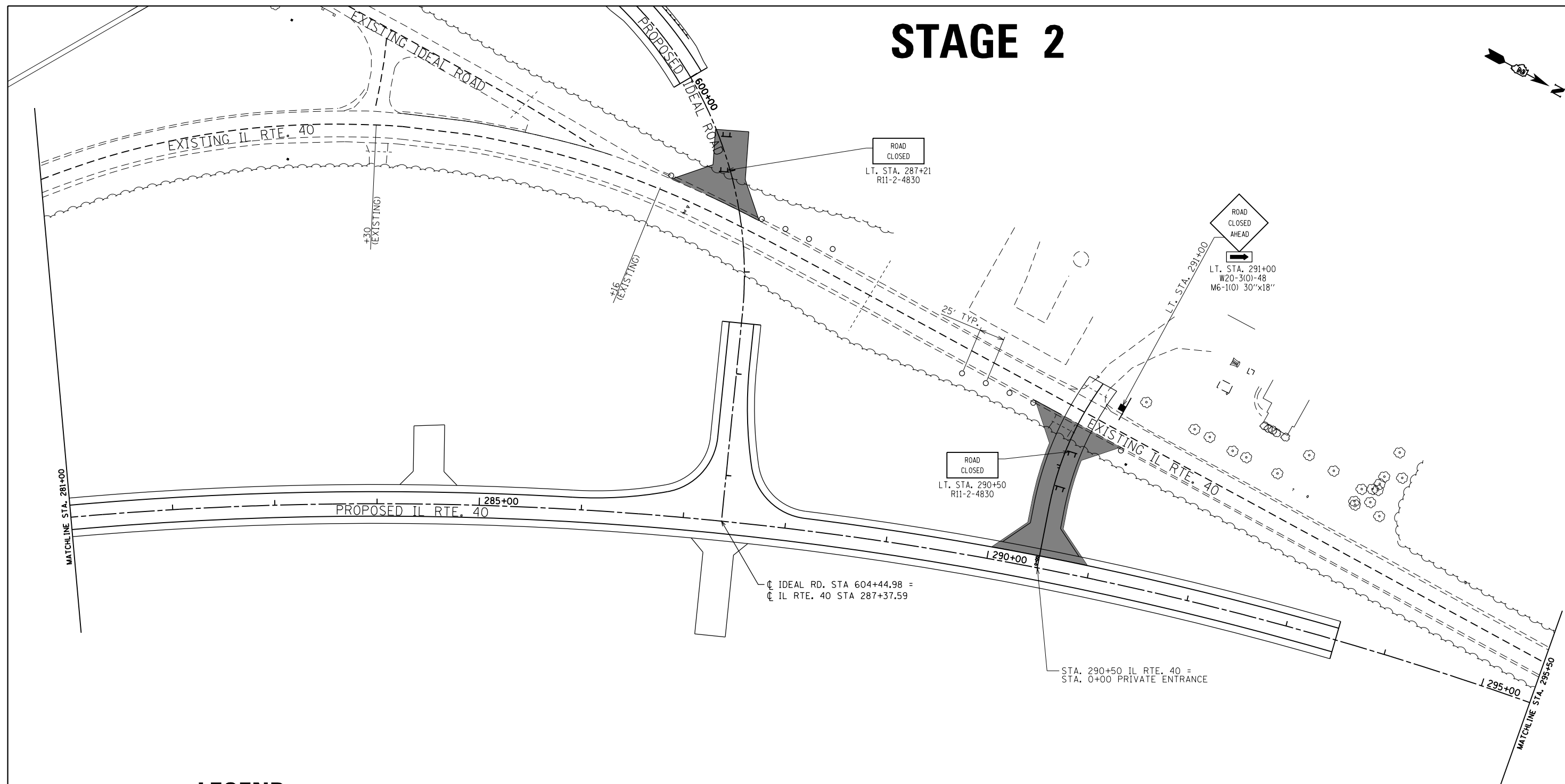
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	PLOT DATE = 11/12/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN			
IL ROUTE 40 - STAGE 2			
SCALE: 1"=50'	SHEET 67	OF 197 SHEETS	STA. 262+00 TO STA. 281+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	67
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 2



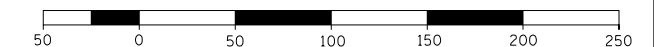
LEGEND

	= STAGE 2 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 2 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21, BLR 22, 701901, & DIST. 2 STD. 40.1 FOR WORK.
3. EXISTING IL RT. 40 TO REMAIN OPEN.
4. SOUTH END OF EXISTING IDEAL RD. TO BE CLOSED.
5. NORTH END OF EXISTING IDEAL RD. TO REMAIN OPEN AND PROVIDE LOCAL ACCESS.
6. CONSTRUCT SOUTH ROADWAY CONNECTION BETWEEN EXIST. IDEAL RD. & PROPOSED IDEAL RD.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
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	PLOT DATE = 11/12/2019	DATE -	REVISED -

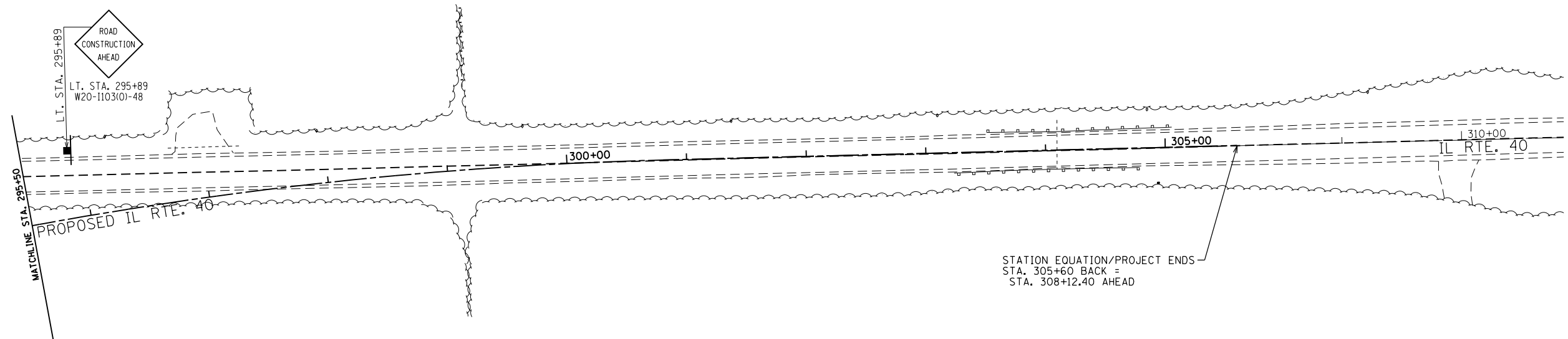
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - STAGE 2






SCALE: 1"=50' SHEET 68 OF 197 SHEETS STA. 281+00 TO STA. 295+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	68
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 2



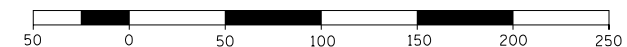
LEGEND

	= STAGE 2 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= SIGN
	= CONE, DRUM, OR BARRICADE
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 2 NOTES

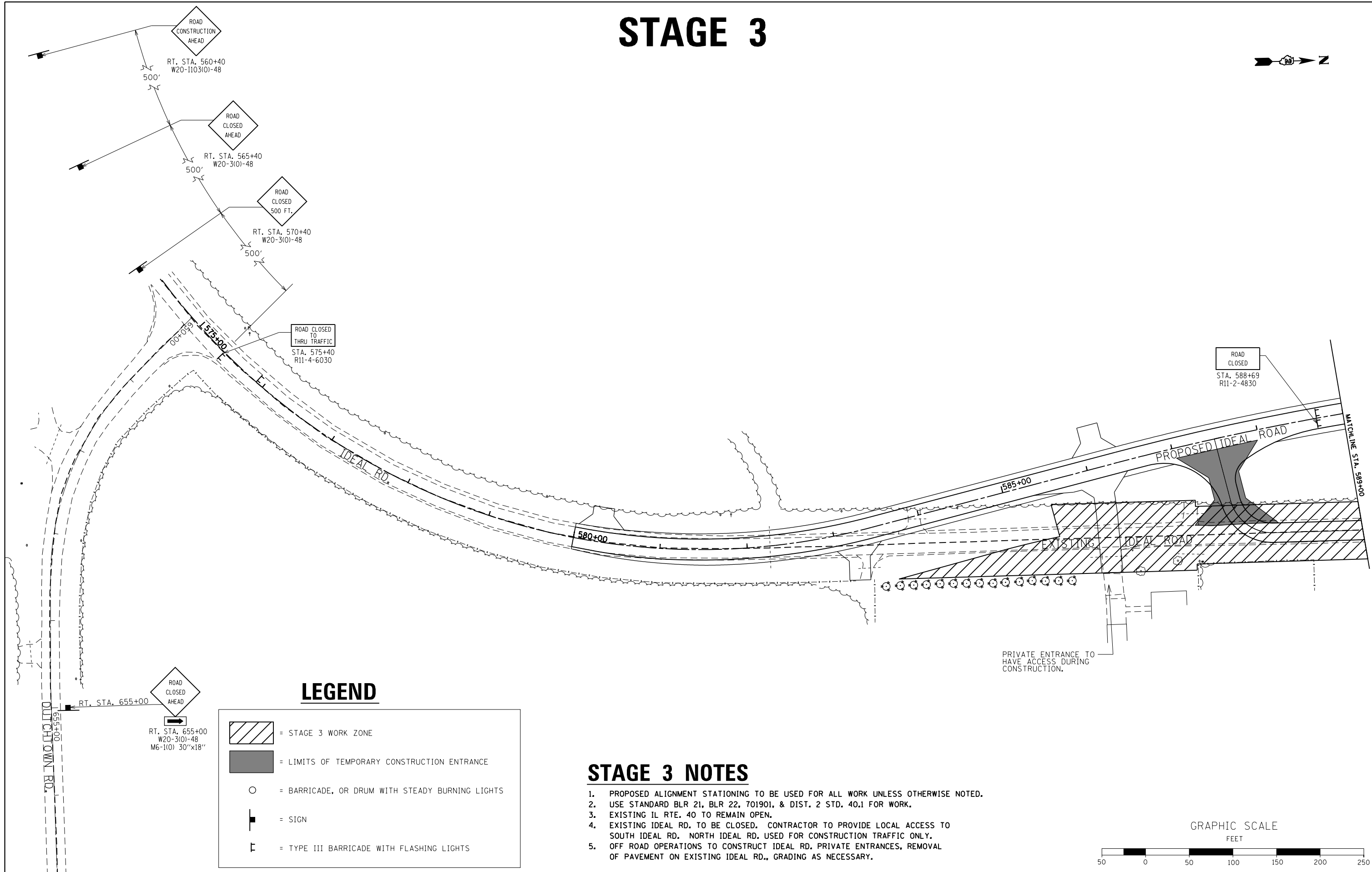
1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21, BLR 22, 701901, & DIST. 2 STD. 40.1 FOR WORK.
3. EXISTING IL RT. 40 TO REMAIN OPEN.
4. SOUTH END OF EXISTING IDEAL RD. TO BE CLOSED.
5. NORTH END OF EXISTING IDEAL RD. TO REMAIN OPEN AND PROVIDE LOCAL ACCESS.
6. CONSTRUCT SOUTH ROADWAY CONNECTION BETWEEN EXIST. IDEAL RD. & PROPOSED IDEAL RD.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC & STAGING PLAN IL ROUTE 40 - STAGE 2			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -		SCALE: 1"=50'	SHEET 69	OF 197 SHEETS	STA. 295+50	TO STA. 312+00	1084	03-00083-00-BR	CARROLL	197	69
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		JOB *C-92-067-06	CONTRACT NO. 85645			ILLINOIS FED. AID PROJECT					
	PLOT DATE = 11/12/2019	DATE -	REVISED -											

STAGE 3



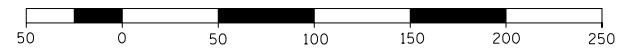
LEGEND

	= STAGE 3 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= BARRICADE, OR DRUM WITH STEADY BURNING LIGHTS
	= SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 3 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21, BLR 22, 701901, & DIST. 2 STD. 40.1 FOR WORK.
3. EXISTING IL RTE. 40 TO REMAIN OPEN.
4. EXISTING IDEAL RD. TO BE CLOSED. CONTRACTOR TO PROVIDE LOCAL ACCESS TO SOUTH IDEAL RD. NORTH IDEAL RD. USED FOR CONSTRUCTION TRAFFIC ONLY.
5. OFF ROAD OPERATIONS TO CONSTRUCT IDEAL RD. PRIVATE ENTRANCES, REMOVAL OF PAVEMENT ON EXISTING IDEAL RD., GRADING AS NECESSARY.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

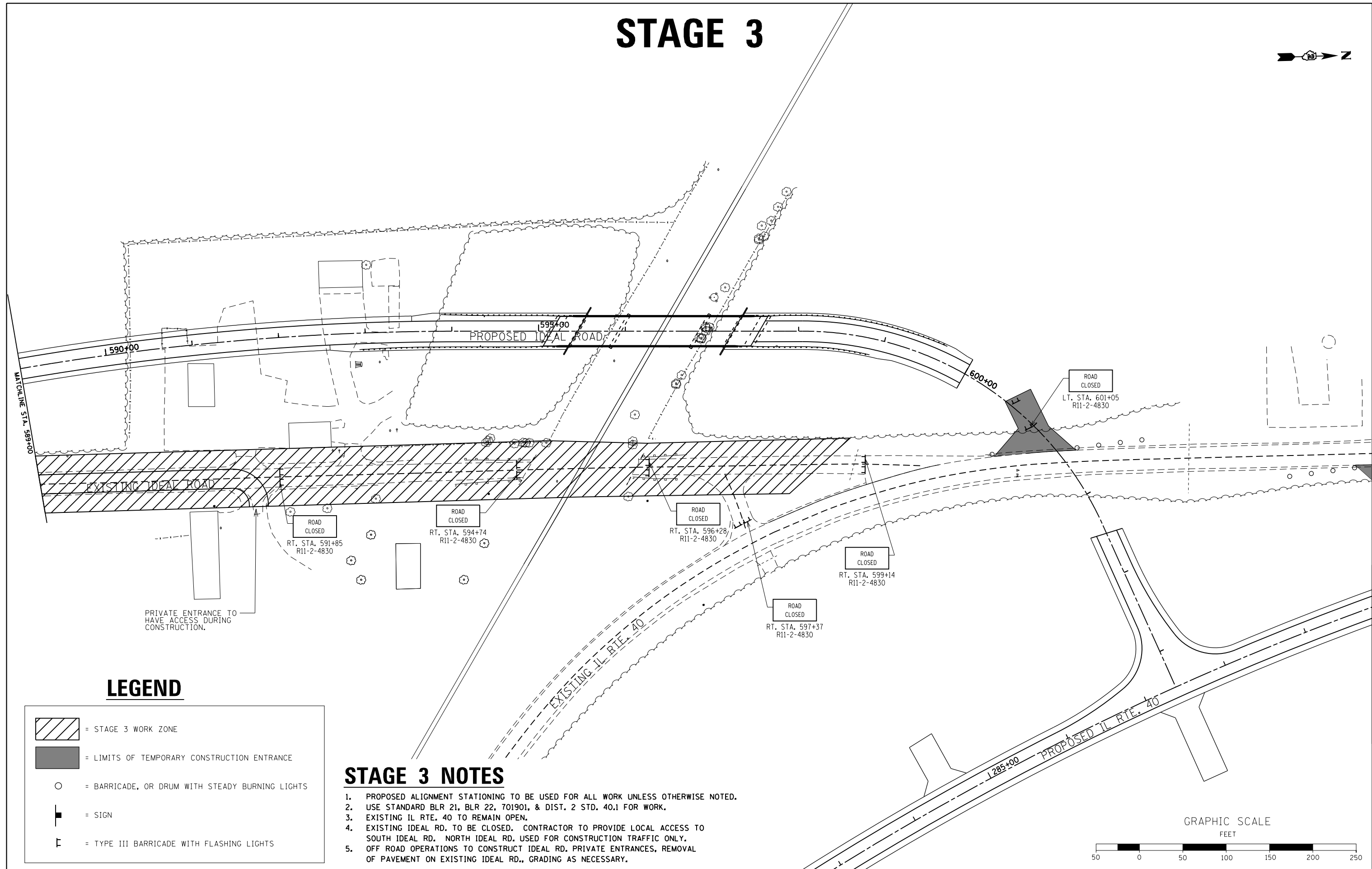
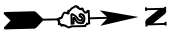
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IDEAL ROAD - STAGE 3

SCALE: 1"=50' SHEET 70 OF 197 SHEETS STA. 574+00 TO STA. 589+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	70
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 3



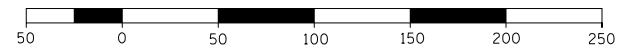
LEGEND

	= STAGE 3 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= BARRICADE, OR DRUM WITH STEADY BURNING LIGHTS
	= SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 3 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21, BLR 22, 701901, & DIST. 2 STD. 40.1 FOR WORK.
3. EXISTING IL RTE. 40 TO REMAIN OPEN.
4. EXISTING IDEAL RD. TO BE CLOSED. CONTRACTOR TO PROVIDE LOCAL ACCESS TO SOUTH IDEAL RD. NORTH IDEAL RD. USED FOR CONSTRUCTION TRAFFIC ONLY.
5. OFF ROAD OPERATIONS TO CONSTRUCT IDEAL RD., PRIVATE ENTRANCES, REMOVAL OF PAVEMENT ON EXISTING IDEAL RD., GRADING AS NECESSARY.

GRAPHIC SCALE
FEET



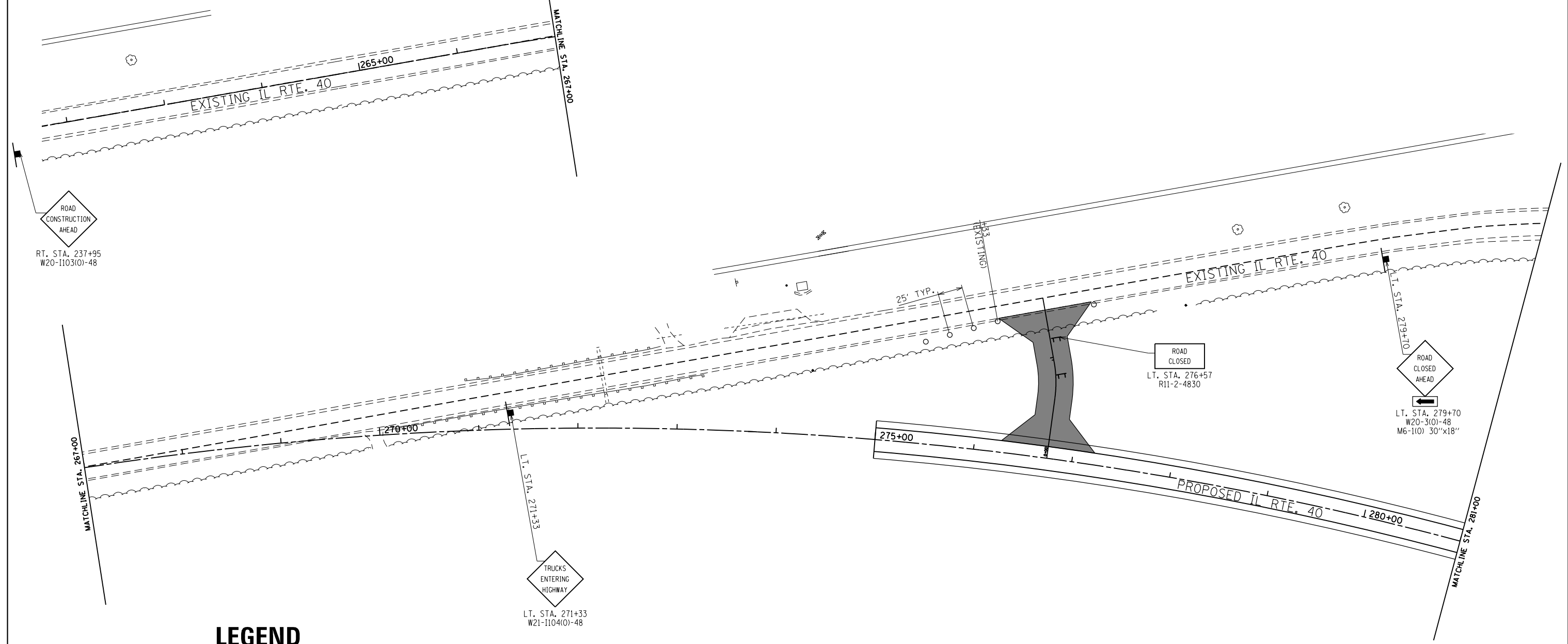
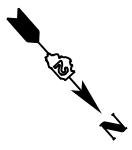
FILE NAME = F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 11/12/2019	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION






MAINTENANCE OF TRAFFIC & STAGING PLAN			
IDEAL ROAD - STAGE 3			
SCALE: 1"=50'	SHEET 71	OF 197 SHEETS	STA. 589+00 TO STA. 604+44.98

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	71
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 3



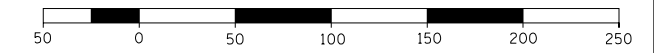
LEGEND

	= STAGE 3 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= BARRICADE, OR DRUM WITH STEADY BURNING LIGHTS
	= SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 3 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21, BLR 22, 701901, & DIST. 2 STD. 40.1 FOR WORK.
3. EXISTING IL RTE. 40 TO REMAIN OPEN.
4. EXISTING IDEAL RD. TO BE CLOSED. CONTRACTOR TO PROVIDE LOCAL ACCESS TO SOUTH IDEAL RD. NORTH IDEAL RD. USED FOR CONSTRUCTION TRAFFIC ONLY.
5. OFF ROAD OPERATIONS TO CONSTRUCT IDEAL RD., PRIVATE ENTRANCES, REMOVAL OF PAVEMENT ON EXISTING IDEAL RD., GRADING AS NECESSARY.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

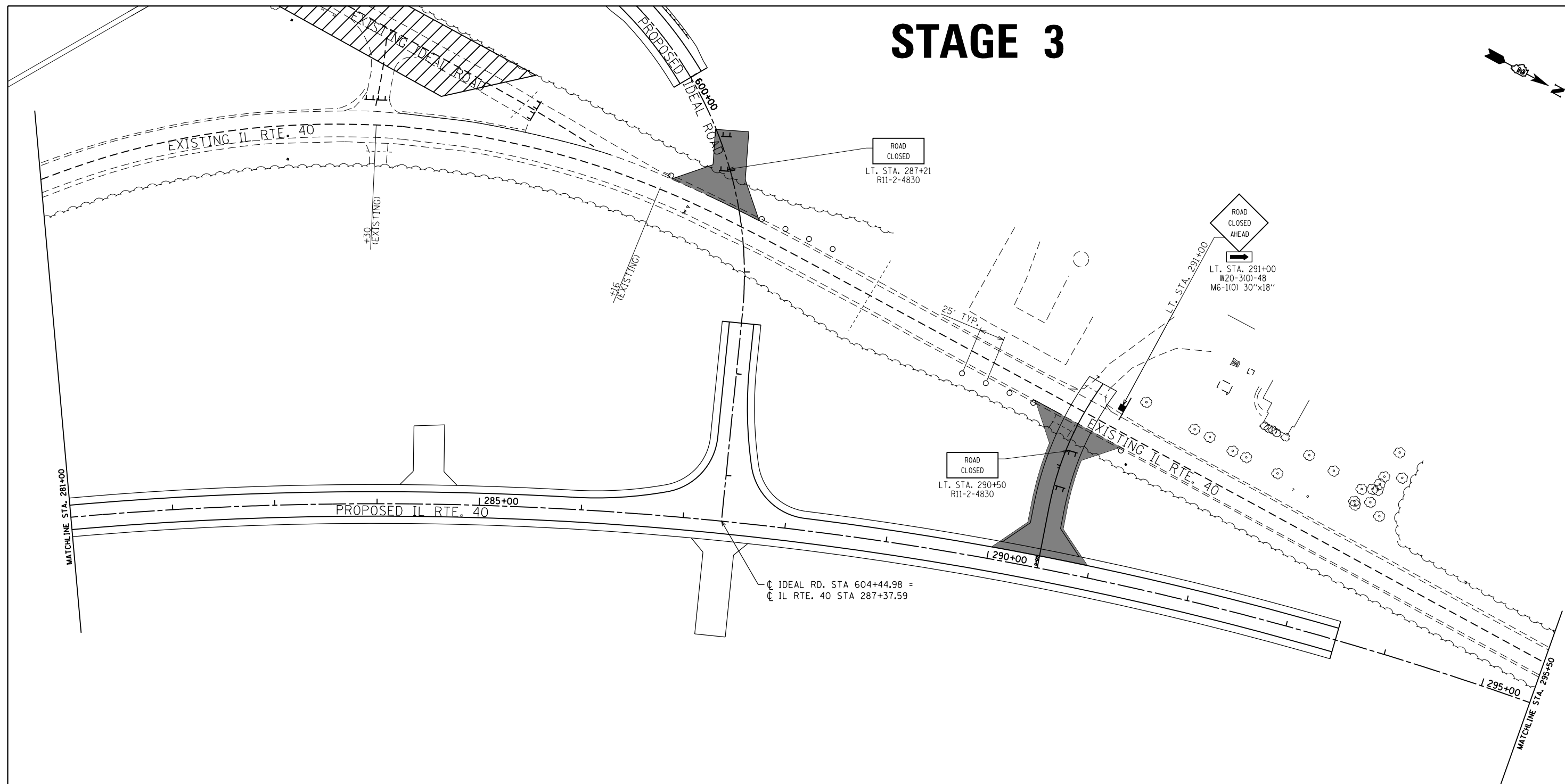
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - STAGE 3

SCALE: 1"=50' SHEET 72 OF 197 SHEETS STA. 262+00 TO STA. 281+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	72
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 3



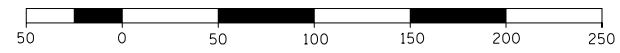
LEGEND

	= STAGE 3 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= BARRICADE, OR DRUM WITH STEADY BURNING LIGHTS
	= SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 3 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21, BLR 22, 701901, & DIST. 2 STD. 40.1 FOR WORK.
3. EXISTING IL RTE. 40 TO REMAIN OPEN.
4. EXISTING IDEAL RD. TO BE CLOSED. CONTRACTOR TO PROVIDE LOCAL ACCESS TO SOUTH IDEAL RD, NORTH IDEAL RD, USED FOR CONSTRUCTION TRAFFIC ONLY.
5. OFF ROAD OPERATIONS TO CONSTRUCT IDEAL RD., PRIVATE ENTRANCES, REMOVAL OF PAVEMENT ON EXISTING IDEAL RD., GRADING AS NECESSARY.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

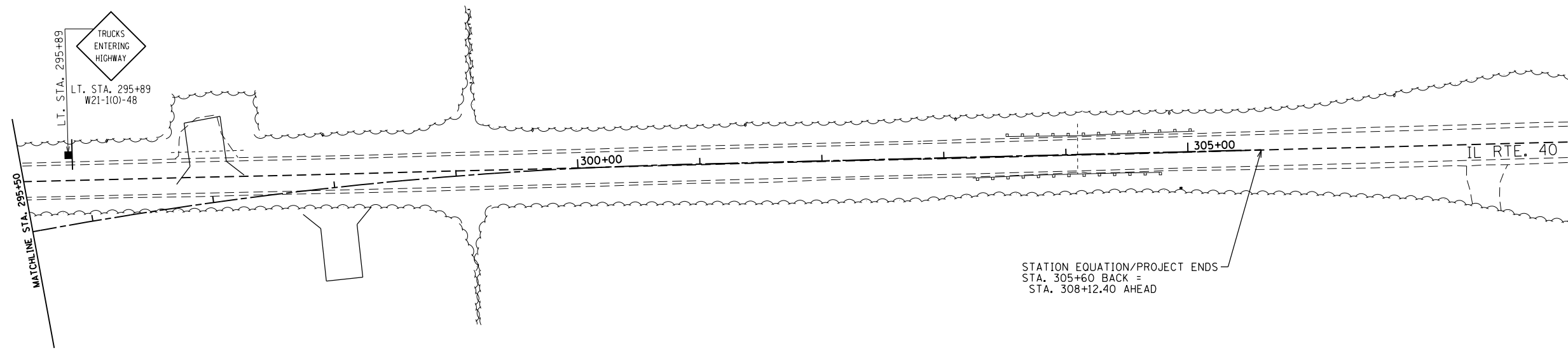
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - STAGE 3

SCALE: 1"=50' SHEET 73 OF 197 SHEETS STA. 281+00 TO STA. 295+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	73
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 3



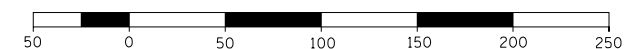
LEGEND

	= STAGE 3 WORK ZONE
	= LIMITS OF TEMPORARY CONSTRUCTION ENTRANCE
	= BARRICADE, OR DRUM WITH STEADY BURNING LIGHTS
	= SIGN
	= TYPE III BARRICADE WITH FLASHING LIGHTS

STAGE 3 NOTES

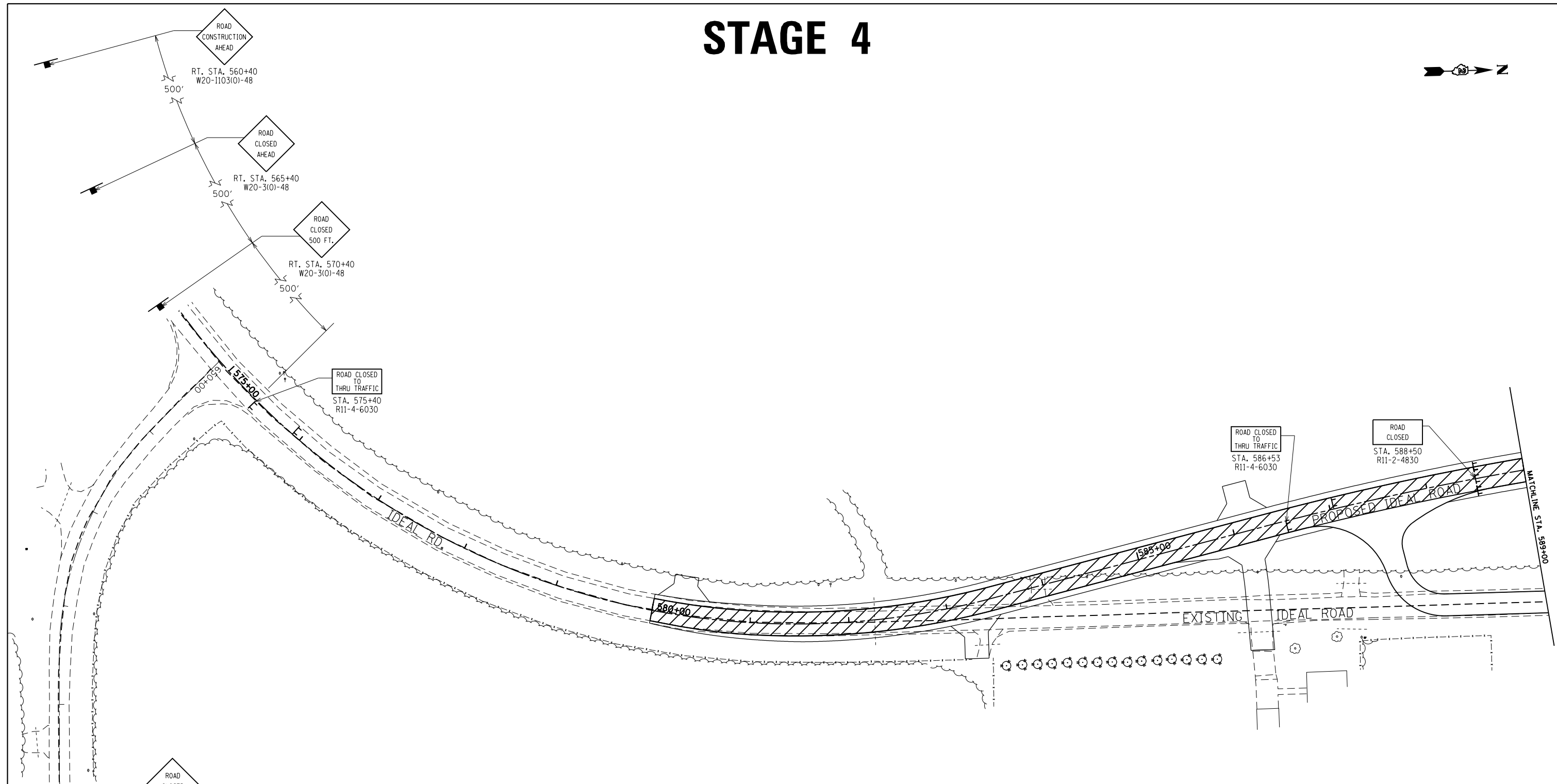
1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21, BLR 22, 701901, & DIST. 2 STD. 40.1 FOR WORK.
3. EXISTING IL RTE. 40 TO REMAIN OPEN.
4. EXISTING IDEAL RD. TO BE CLOSED. CONTRACTOR TO PROVIDE LOCAL ACCESS TO SOUTH IDEAL RD, NORTH IDEAL RD, USED FOR CONSTRUCTION TRAFFIC ONLY.
5. OFF ROAD OPERATIONS TO CONSTRUCT IDEAL RD. PRIVATE ENTRANCES, REMOVAL OF PAVEMENT ON EXISTING IDEAL RD., GRADING AS NECESSARY.

GRAPHIC SCALE
FEET







FILE NAME = F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC & STAGING PLAN IL ROUTE 40 - STAGE 3			F.A.S. RTE. 1084	SECTION 03-00083-00-BR	COUNTY CARROLL	TOTAL SHEETS 197	SHEET NO. 74
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: 1"=50'	SHEET 74	OF 197 SHEETS	STA. 295+50	TO STA. 312+00	CONTRACT NO. 85645		
	PLOT DATE = 11/12/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

STAGE 4



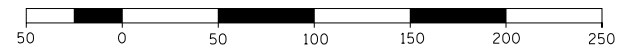
LEGEND

	= STAGE 4 WORK ZONE
	= BARRICADE, OR DRUM WITH STEADY BURNING LIGHTS
	= SIGN
	= TYPE III BARRICADE

STAGE 4 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21 & DIST. 2 STD. 40.1 FOR WORK.
3. IDEAL RD. NORTH & IL RTE. 40 TO BE CLOSED AND DETOUR ROUTE PLAN IN PLACE. EXISTING IDEAL RD. (SOUTH) TO BE USED FOR LOCAL ACCESS.
4. CONTRACTOR TO PROVIDE LOCAL ACCESS.
5. CONSTRUCT ROADWAY CONNECTION BETWEEN PROPOSED IDEAL RD. & PROPOSED IL RTE. 40, & CONNECTIONS BETWEEN EXIST. IL RTE. 40 & PROPOSED IL. RTE. 40.
6. CONTRACTOR TO PAVE HMA SURFACE ON MAINLINE & SHOULDERS ALONG IL. RTE 40 & IDEAL ROAD, & INSTALL PAVEMENT MARKINGS & SIGNS.
7. REMOVE EXISTING IL. RTE. 40 PAVEMENT, ENTRANCES, CULVERTS, AND REGRADE AS NECESSARY.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

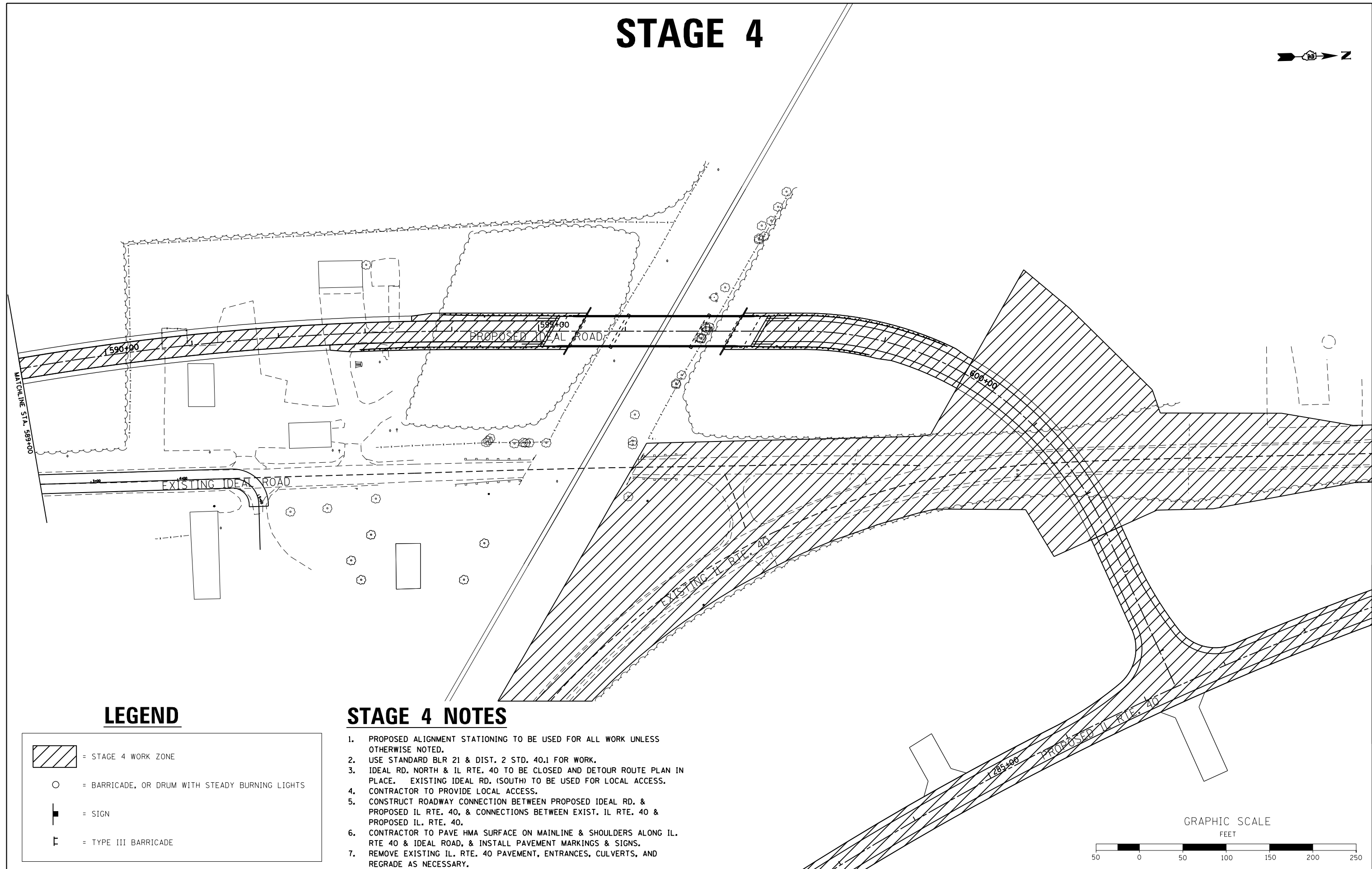
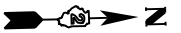
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IDEAL ROAD - STAGE 4

SCALE: 1"=50' SHEET 75 OF 197 SHEETS STA. 571+00 TO STA. 589+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	75
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 4



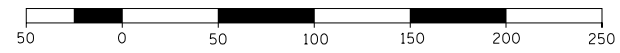
LEGEND

	= STAGE 4 WORK ZONE
	= BARRICADE, OR DRUM WITH STEADY BURNING LIGHTS
	= SIGN
	= TYPE III BARRICADE

STAGE 4 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21 & DIST. 2 STD. 40.1 FOR WORK.
3. IDEAL RD. NORTH & IL RTE. 40 TO BE CLOSED AND DETOUR ROUTE PLAN IN PLACE. EXISTING IDEAL RD. (SOUTH) TO BE USED FOR LOCAL ACCESS.
4. CONTRACTOR TO PROVIDE LOCAL ACCESS.
5. CONSTRUCT ROADWAY CONNECTION BETWEEN PROPOSED IDEAL RD. & PROPOSED IL RTE. 40, & CONNECTIONS BETWEEN EXIST. IL RTE. 40 & PROPOSED IL. RTE. 40.
6. CONTRACTOR TO PAVE HMA SURFACE ON MAINLINE & SHOULDERS ALONG IL. RTE 40 & IDEAL ROAD, & INSTALL PAVEMENT MARKINGS & SIGNS.
7. REMOVE EXISTING IL. RTE. 40 PAVEMENT, ENTRANCES, CULVERTS, AND REGRADE AS NECESSARY.

GRAPHIC SCALE
FEET



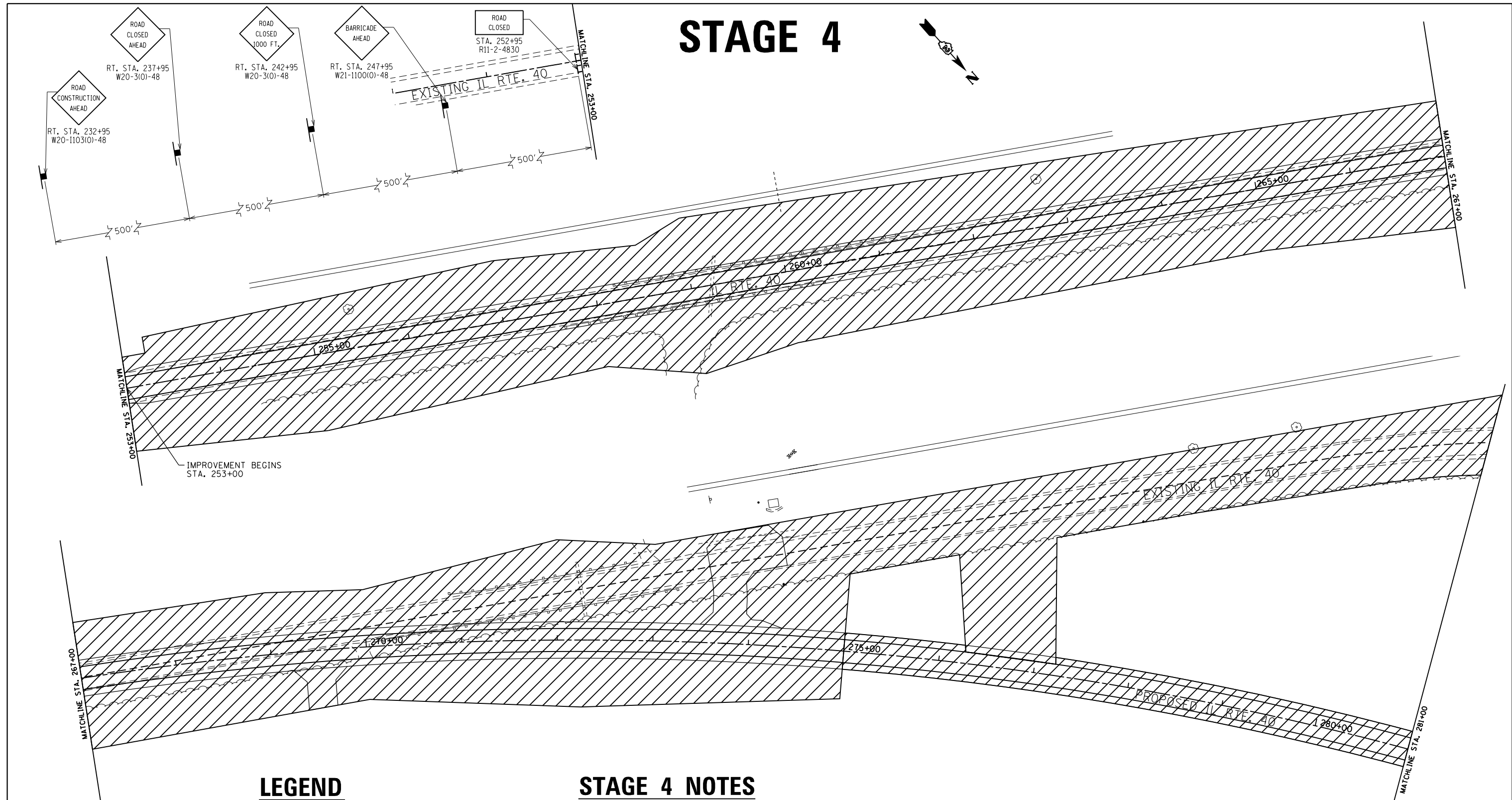
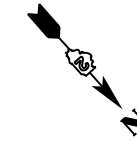
FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

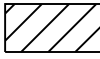



MAINTENANCE OF TRAFFIC & STAGING PLAN			
IDEAL ROAD - STAGE 4			
SCALE: 1"=50'	SHEET 76	OF 197 SHEETS	STA. 589+00 TO STA. 604+44.98

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	76
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 4



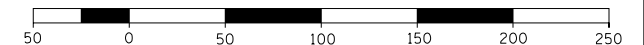
LEGEND

	= STAGE 4 WORK ZONE
	= BARRICADE, OR DRUM WITH STEADY BURNING LIGHTS
	= SIGN
	= TYPE III BARRICADE

STAGE 4 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21 & DIST. 2 STD. 40.1 FOR WORK.
3. IDEAL RD. NORTH & IL RTE. 40 TO BE CLOSED AND DETOUR ROUTE PLAN IN PLACE. EXISTING IDEAL RD. (SOUTH) TO BE USED FOR LOCAL ACCESS.
4. CONTRACTOR TO PROVIDE LOCAL ACCESS.
5. CONSTRUCT ROADWAY CONNECTION BETWEEN PROPOSED IDEAL RD. & PROPOSED IL RTE. 40, & CONNECTIONS BETWEEN EXIST. IL RTE. 40 & PROPOSED IL RTE. 40.
6. CONTRACTOR TO PAVE HMA SURFACE ON MAINLINE & SHOULDERS ALONG IL RTE 40 & IDEAL ROAD, & INSTALL PAVEMENT MARKINGS & SIGNS.
7. REMOVE EXISTING IL RTE. 40 PAVEMENT, ENTRANCES, CULVERTS, AND REGRADE AS NECESSARY.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

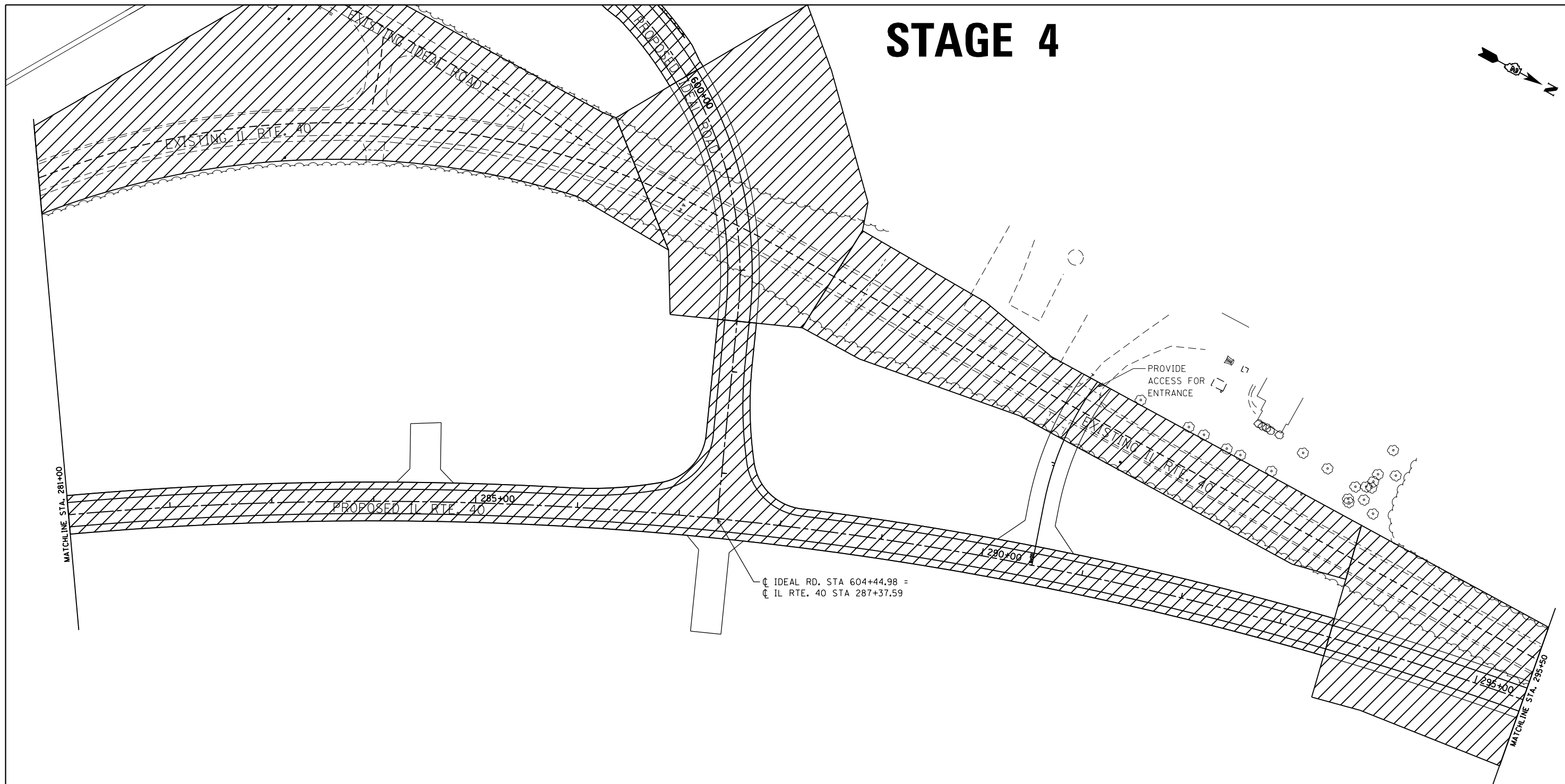
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - STAGE 4





SCALE: 1"=50' SHEET 77 OF 197 SHEETS STA. 250+00 TO STA. 281+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	77
JOB *C-92-067-06	CONTRACT NO. 85645			
ILLINOIS FED. AID PROJECT				

STAGE 4



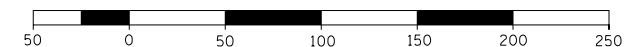
LEGEND

	= STAGE 4 WORK ZONE
	= BARRICADE, OR DRUM WITH STEADY BURNING LIGHTS
	= SIGN
	= TYPE III BARRICADE

STAGE 4 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21 & DIST. 2 STD. 40.1 FOR WORK.
3. IDEAL RD. NORTH & IL RTE. 40 TO BE CLOSED AND DETOUR ROUTE PLAN IN PLACE. EXISTING IDEAL RD. (SOUTH) TO BE USED FOR LOCAL ACCESS.
4. CONTRACTOR TO PROVIDE LOCAL ACCESS.
5. CONSTRUCT ROADWAY CONNECTION BETWEEN PROPOSED IDEAL RD. & PROPOSED IL RTE. 40, & CONNECTIONS BETWEEN EXIST. IL RTE. 40 & PROPOSED IL RTE. 40.
6. CONTRACTOR TO PAVE HMA SURFACE ON MAINLINE & SHOULDERS ALONG IL RTE 40 & IDEAL ROAD, & INSTALL PAVEMENT MARKINGS & SIGNS.
7. REMOVE EXISTING IL RTE. 40 PAVEMENT, ENTRANCES, CULVERTS, AND REGRADE AS NECESSARY.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

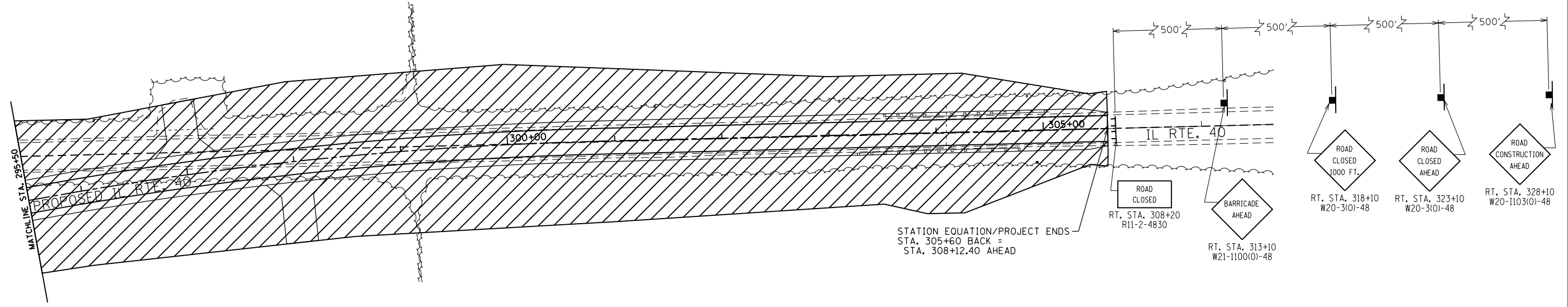
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - STAGE 4

SCALE: 1"=50' SHEET 78 OF 197 SHEETS STA. 281+00 TO STA. 295+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	78
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 4



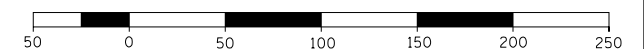
LEGEND

	= STAGE 4 WORK ZONE
	= BARRICADE, OR DRUM WITH STEADY BURNING LIGHTS
	= SIGN
	= TYPE III BARRICADE

STAGE 4 NOTES

1. PROPOSED ALIGNMENT STATIONING TO BE USED FOR ALL WORK UNLESS OTHERWISE NOTED.
2. USE STANDARD BLR 21 & DIST. 2 STD. 40.1 FOR WORK.
3. IDEAL RD. NORTH & IL RTE. 40 TO BE CLOSED AND DETOUR ROUTE PLAN IN PLACE. EXISTING IDEAL RD. (SOUTH) TO BE USED FOR LOCAL ACCESS.
4. CONTRACTOR TO PROVIDE LOCAL ACCESS.
5. CONSTRUCT ROADWAY CONNECTION BETWEEN PROPOSED IDEAL RD. & PROPOSED IL RTE. 40, & CONNECTIONS BETWEEN EXIST. IL RTE. 40 & PROPOSED IL RTE. 40.
6. CONTRACTOR TO PAVE HMA SURFACE ON MAINLINE & SHOULDERS ALONG IL RTE 40 & IDEAL ROAD, & INSTALL PAVEMENT MARKINGS & SIGNS.
7. REMOVE EXISTING IL RTE. 40 PAVEMENT, ENTRANCES, CULVERTS, AND REGRADE AS NECESSARY.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - STAGE 4

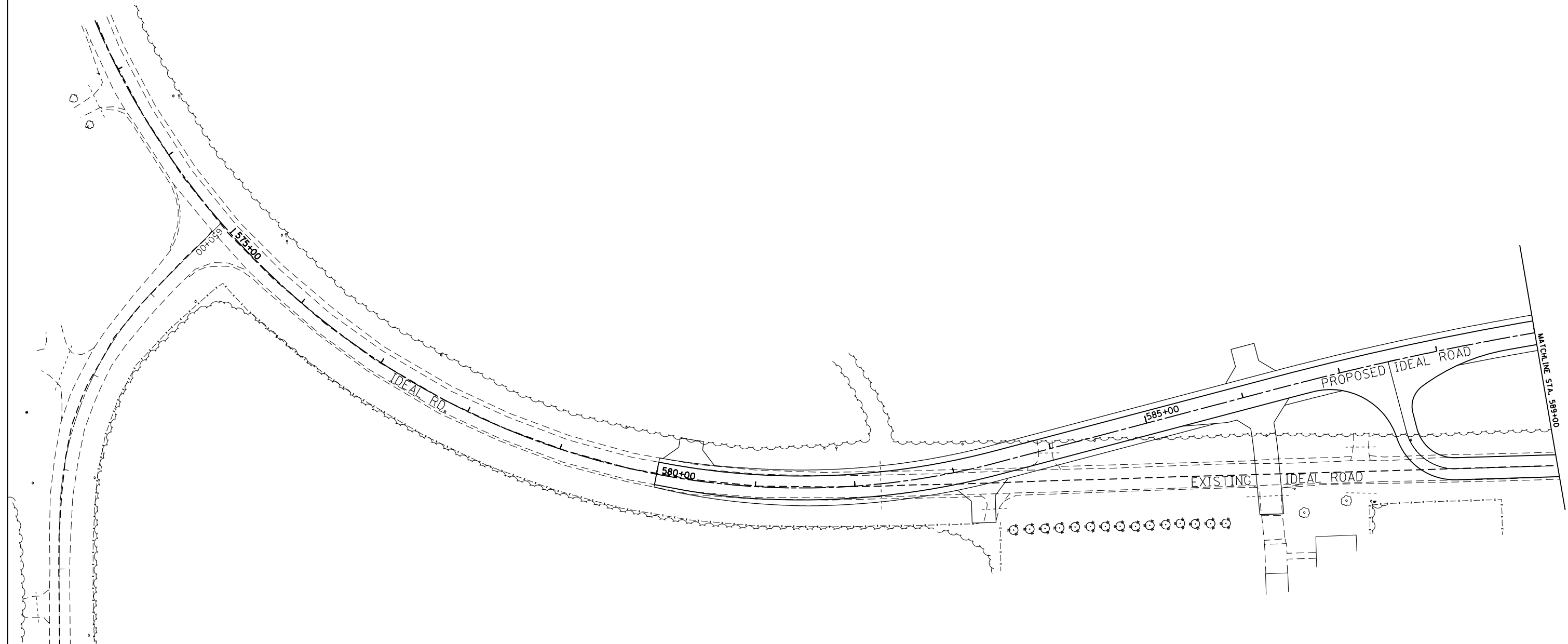
SCALE: 1"=50' SHEET 79 OF 197 SHEETS STA. 295+50 TO STA. 309+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	79
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				




STAGE 5



ROAD
CONSTRUCTION
AHEAD
RT. STA. 560+40
W20-1103(0)-48



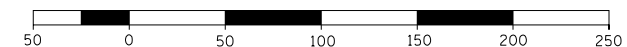
LEGEND

	= STAGE 5 WORK ZONE
	= SIGN
	= CONE, DRUM, OR BARRICADE

STAGE 5 NOTES

1. USE STANDARDS 701001 & 701006 FOR WORK.
2. IDEAL RD. & IL RTE. 40 NEW ALIGNMENTS TO BE OPENED. REMOVE DETOUR SIGNAGE.
3. REMOVE EXISTING BRIDGE ON IDEAL RD.

GRAPHIC SCALE
FEET



FILE NAME = F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 11/12/2019	CHECKED -	REVISED -
		DATE -	REVISED -

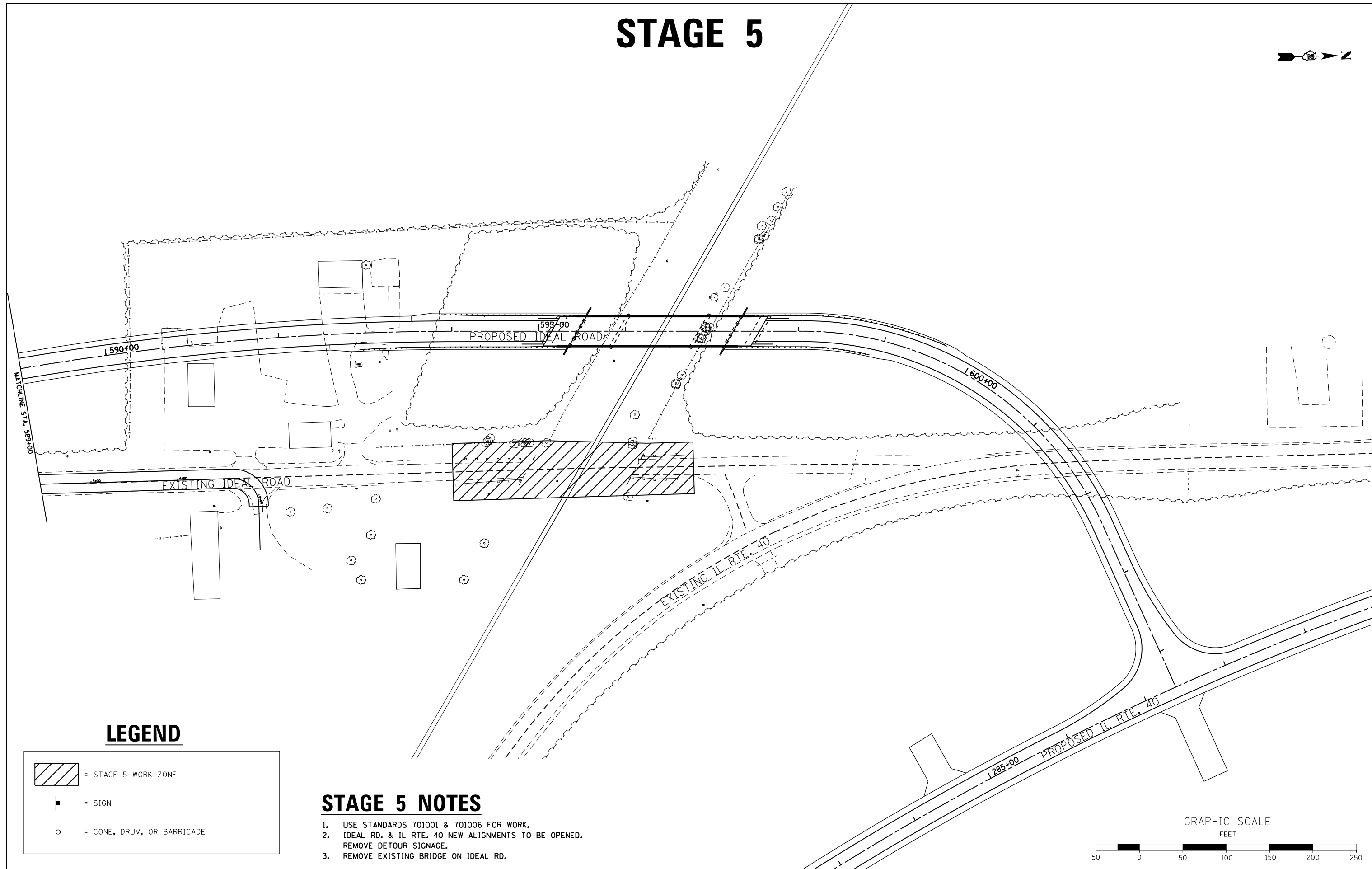
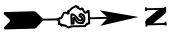
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IDEAL ROAD - STAGE 5




SCALE: 1"=50' SHEET 80 OF 197 SHEETS STA. 571+00 TO STA. 589+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	80
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 5



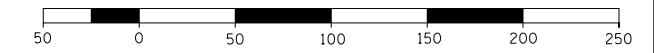
LEGEND

	= STAGE 5 WORK ZONE
	= SIGN
	= CONE, DRUM, OR BARRICADE

STAGE 5 NOTES

1. USE STANDARDS 701001 & 701006 FOR WORK.
2. IDEAL RD. & IL RTE. 40 NEW ALIGNMENTS TO BE OPENED. REMOVE DETOUR SIGNAGE.
3. REMOVE EXISTING BRIDGE ON IDEAL RD.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

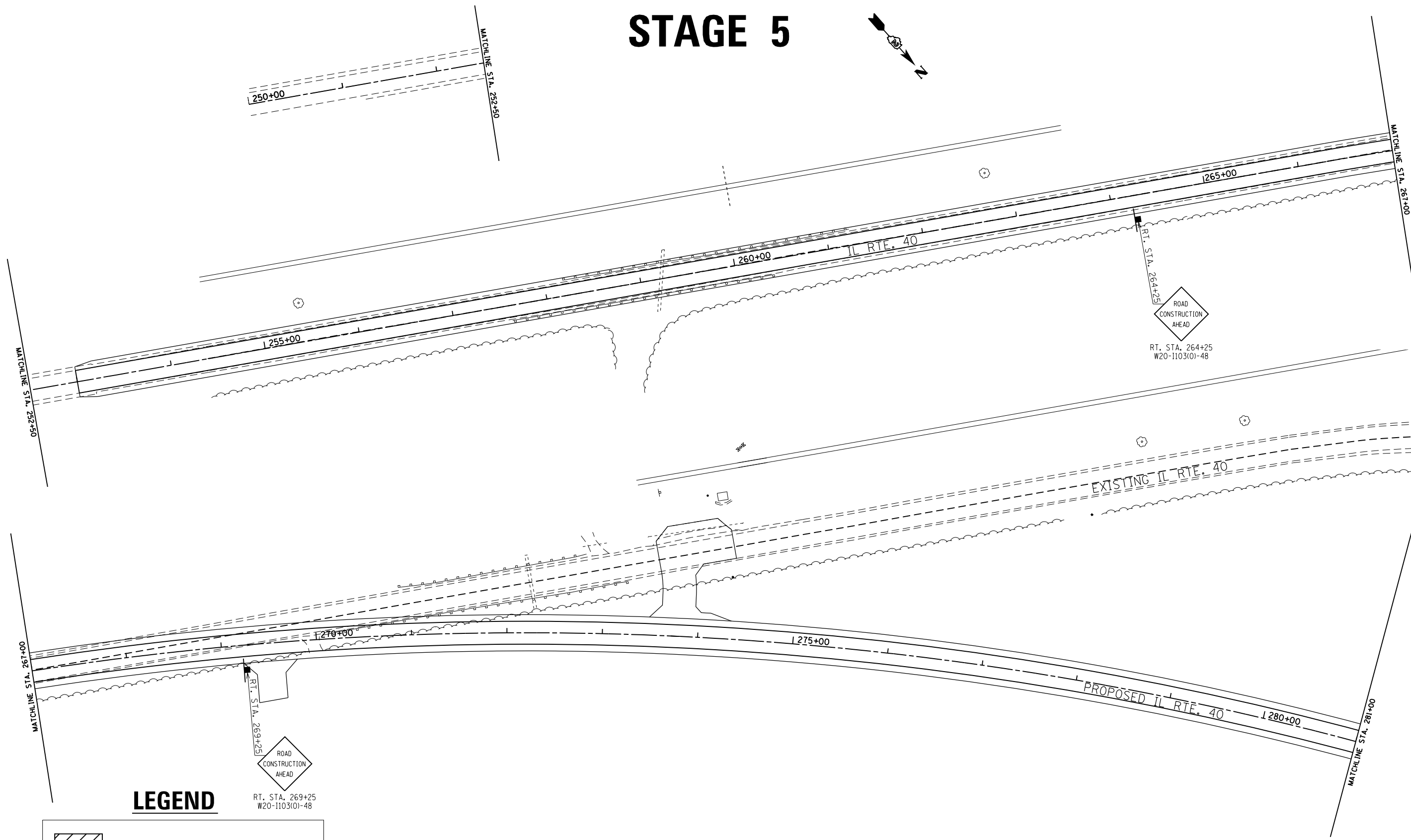
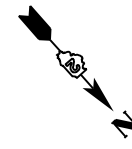
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IDEAL ROAD - STAGE 5

SCALE: 1"=50' SHEET 81 OF 197 SHEETS STA. 589+00 TO STA. 604+44.98

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	81
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 5



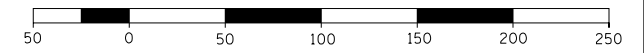
LEGEND

	= STAGE 5 WORK ZONE
	= SIGN
	= CONE, DRUM, OR BARRICADE

STAGE 5 NOTES

1. USE STANDARDS 701001 & 701006 FOR WORK.
2. IDEAL RD. & IL RTE. 40 NEW ALIGNMENTS TO BE OPENED. REMOVE DETOUR SIGNAGE.
3. REMOVE EXISTING BRIDGE ON IDEAL RD.

GRAPHIC SCALE
FEET



FILE NAME = F:\2012Jobs\2120237\Geopak\0206811-STG.dgn	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 11/12/2019	CHECKED -	REVISED -
		DATE -	REVISED -

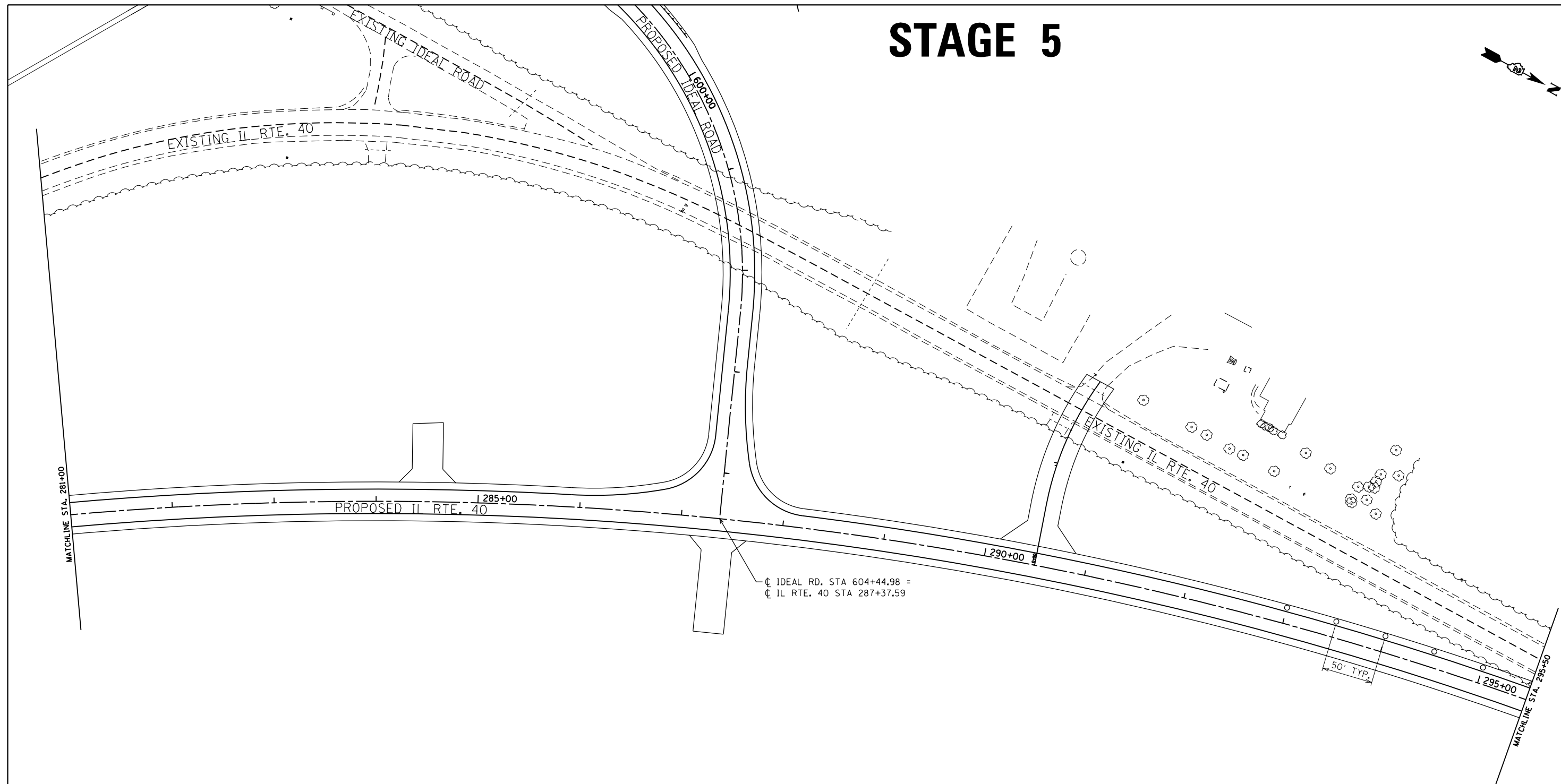
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - STAGE 5




SCALE: 1"=50' SHEET 82 OF 197 SHEETS STA. 250+00 TO STA. 281+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	82
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 5



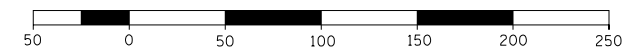
LEGEND

	= STAGE 5 WORK ZONE
	= SIGN
	= CONE, DRUM, OR BARRICADE

STAGE 5 NOTES

1. USE STANDARDS 701001 & 701006 FOR WORK.
2. IDEAL RD. & IL RTE. 40 NEW ALIGNMENTS TO BE OPENED. REMOVE DETOUR SIGNAGE.
3. REMOVE EXISTING BRIDGE ON IDEAL RD.

GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -
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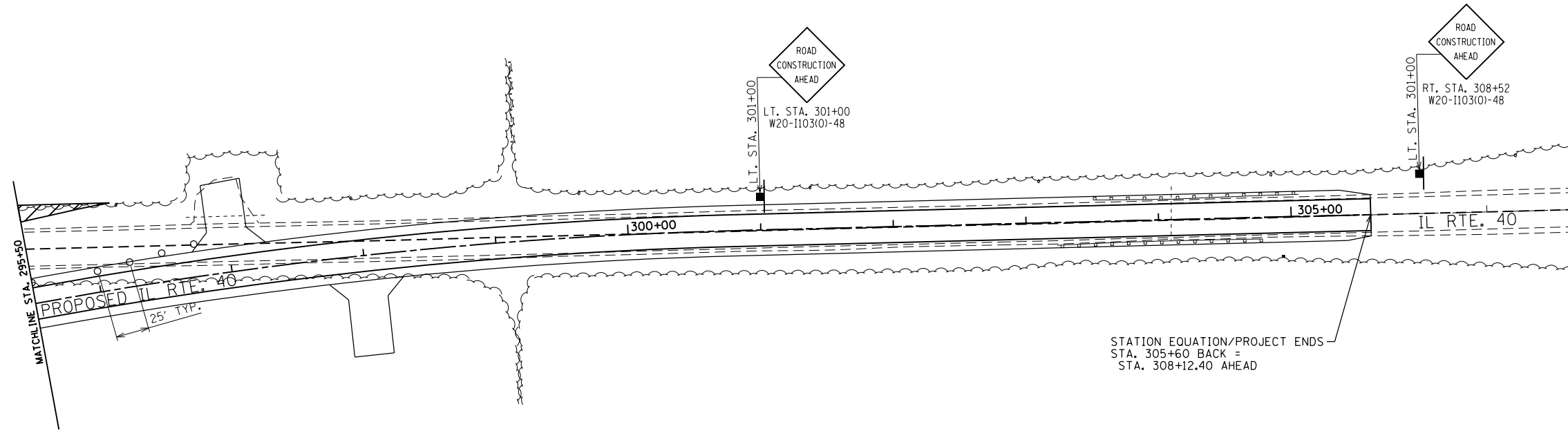
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC & STAGING PLAN
IL ROUTE 40 - STAGE 5




SCALE: 1"=50' SHEET 83 OF 197 SHEETS STA. 281+00 TO STA. 295+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1084	03-00083-00-BR	CARROLL	197	83
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

STAGE 5



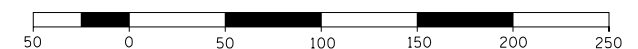
LEGEND

-  = STAGE 5 WORK ZONE
-  = SIGN
-  = CONE, DRUM, OR BARRICADE

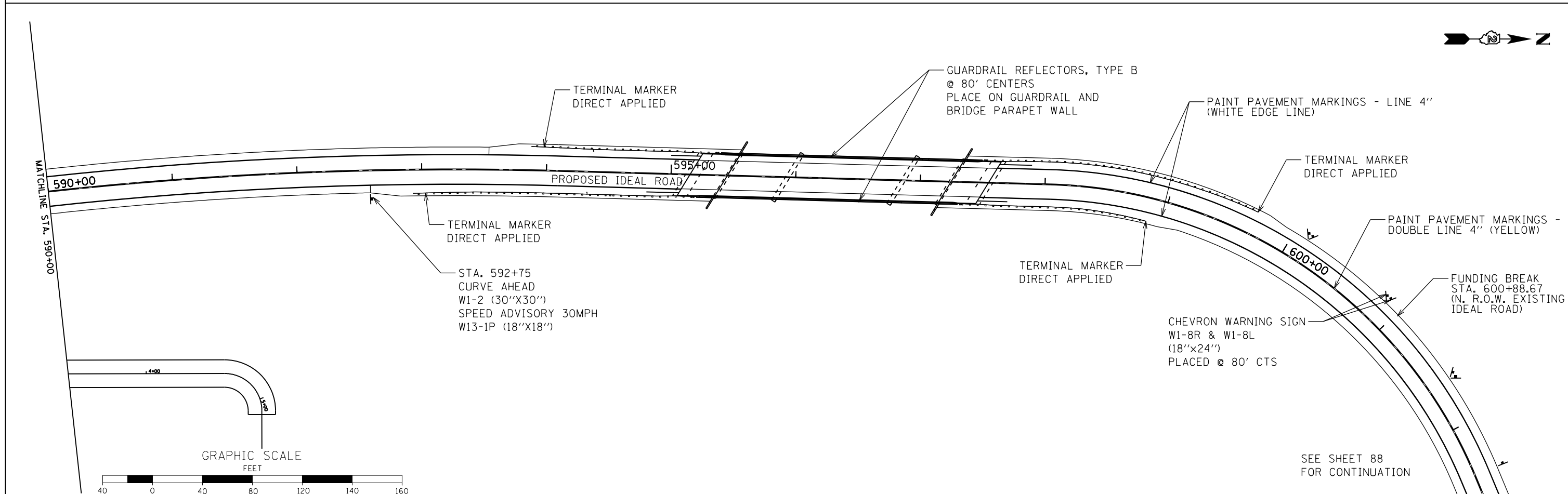
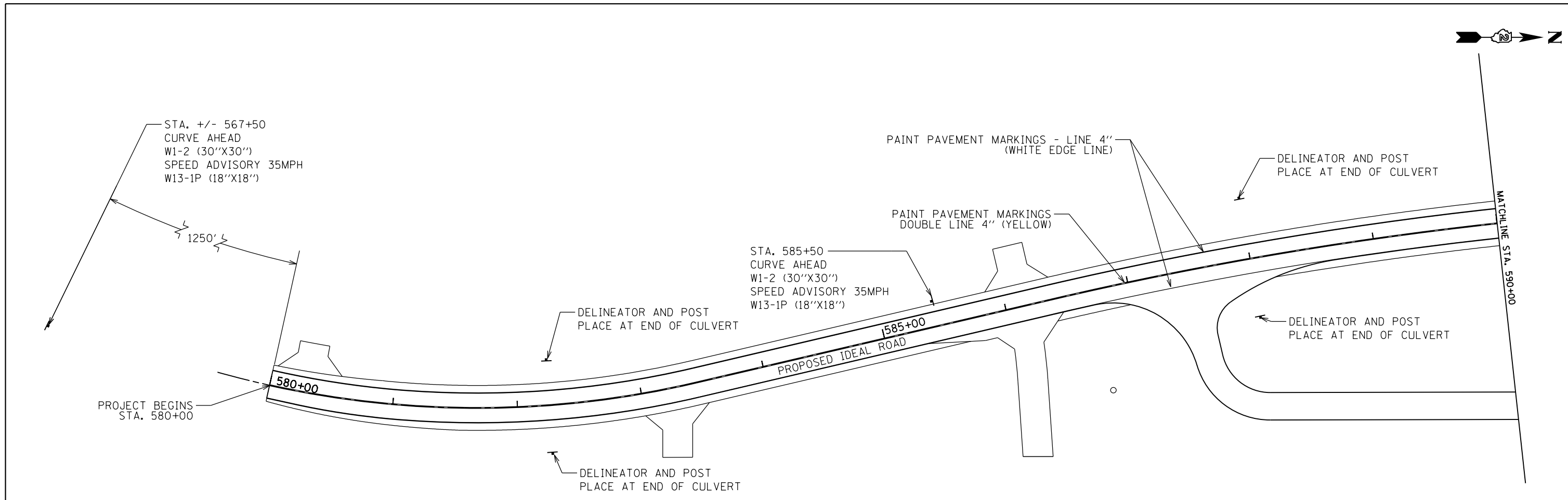
STAGE 5 NOTES

1. USE STANDARDS 701001 & 701006 FOR WORK.
2. IDEAL RD. & IL RTE. 40 NEW ALIGNMENTS TO BE OPENED. REMOVE DETOUR SIGNAGE.
3. REMOVE EXISTING BRIDGE ON IDEAL RD.

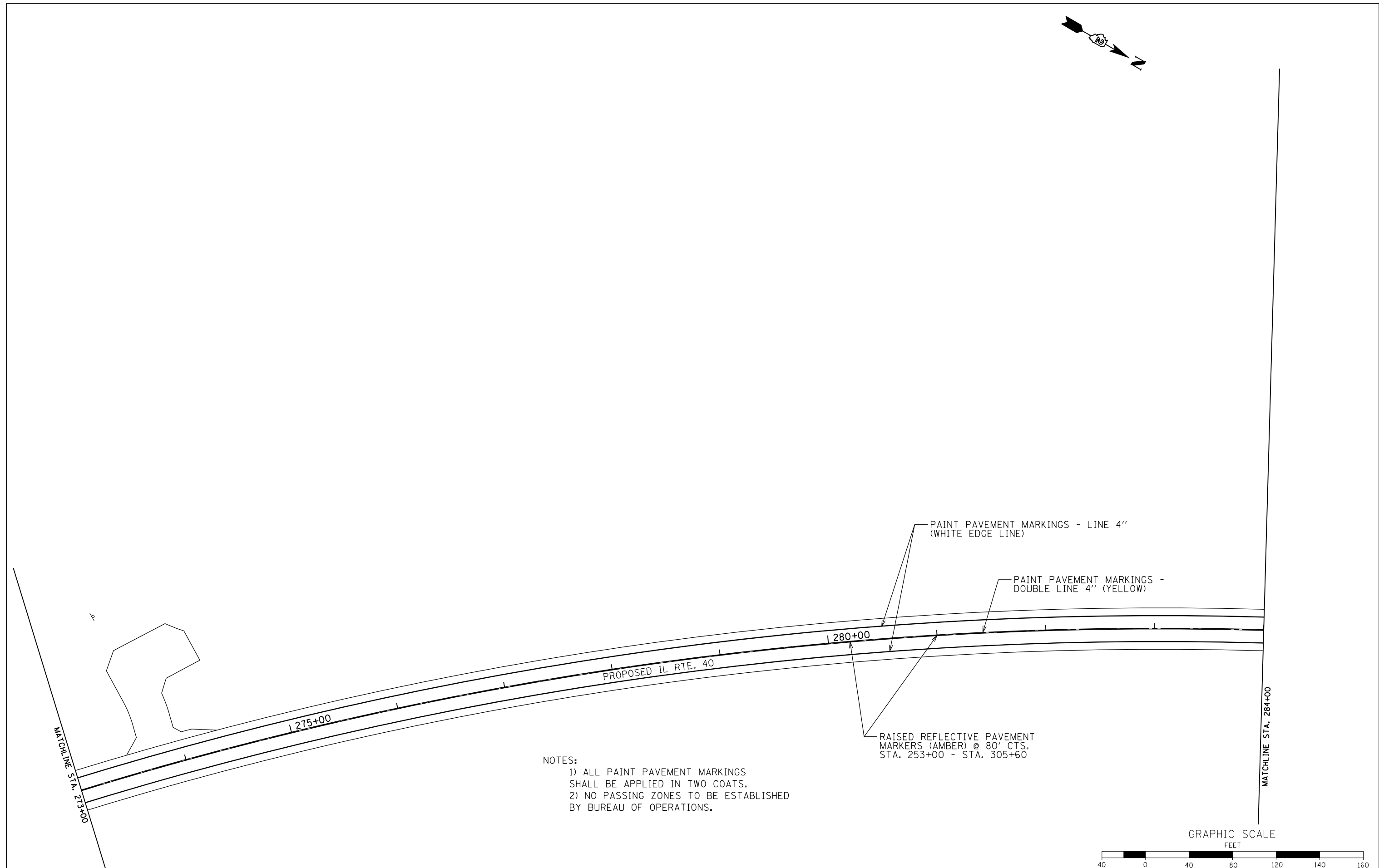
GRAPHIC SCALE
FEET



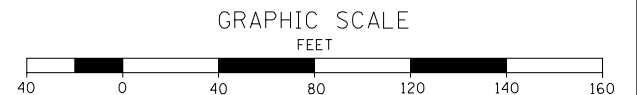
FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC & STAGING PLAN IL ROUTE 40 - STAGE 5			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
F:\2012\Jobs\2120237\Geopak\0206811-STG.dgn		DRAWN -	REVISED -		SCALE: 1"=50'	SHEET 84	OF 197 SHEETS	STA. 295+50	TO STA. 309+50	1084	03-00083-00-BR	CARROLL	197	84
Default		PLOT SCALE = 100.0000' / in.	CHECKED -		REVISED -					JOB *C-92-067-06	CONTRACT NO. 85645			
		PLOT DATE = 11/12/2019	DATE -		REVISED -					ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNAGE & PAVEMENT MARKING IDEAL ROAD			F.A.P. RTE. 646	SECTION 03-00083-00-BR	COUNTY CARROLL	TOTAL SHEETS 197	SHEET NO. 85
Default	PLOT SCALE = 80.0000' / in.	DRAWN -	REVISED -		SCALE: 1"=40'	SHEET 85	OF 197 SHEETS	STA. 578+00	TO STA. 602+00	CONTRACT NO. 85645		
	PLOT DATE = 11/12/2019	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



NOTES:
 1) ALL PAINT PAVEMENT MARKINGS SHALL BE APPLIED IN TWO COATS.
 2) NO PASSING ZONES TO BE ESTABLISHED BY BUREAU OF OPERATIONS.



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012Jobs\2120237\Geopak\0206811-Pvt\MarkingPlan.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIGNAGE & PAVEMENT MARKING
 IL ROUTE 40**

SCALE: 1"=40' SHEET 87 OF 197 SHEETS STA. 273+00 TO STA. 284+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	03-00083-00-BR	CARROLL	197	87
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				



SEE SHEET 85
FOR CONTINUATION

TERMINAL MARKER
DIRECT APPLIED

TERMINAL MARKER
DIRECT APPLIED

PAINT PAVEMENT MARKINGS - LINE 4"
(WHITE EDGE LINE)

CHEVRON WARNING SIGN
W1-8R & W1-8L
(18"x24")
PLACED @ 80' CTS

PAINT PAVEMENT MARKINGS -
DOUBLE LINE 4" (YELLOW)

FUNDING BREAK
STA. 600+88.67
(N. R.O.W. EXISTING
IDEAL ROAD)

CHEVRON WARNING SIGN
W1-8R & W1-8L
(18"x24")
PLACED @ 80' CTS

STA. 603+00
CURVE AHEAD
W1-2 (30"x30")
SPEED ADVISORY 30MPH
W13-1P (18"x18")

DELINEATOR AND POST
PLACE AT END OF CULVERT

DELINEATOR AND POST
PLACE AT END OF CULVERT

NOTES:
1) ALL PAINT PAVEMENT MARKINGS
SHALL BE APPLIED IN TWO COATS.
2) NO PASSING ZONES TO BE ESTABLISHED
BY BUREAU OF OPERATIONS.

PAINT PAVEMENT MARKINGS - LINE 24" (WHITE)

STOP SIGN
R1-1 (30"x30")

PROPOSED, IL RTE. 40

PAINT PAVEMENT MARKINGS -
DOUBLE LINE 4" (YELLOW)

PAINT PAVEMENT MARKINGS - LINE 4"
(WHITE EDGE LINE)

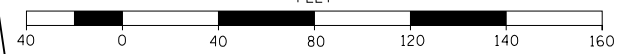
DELINEATOR AND POST
PLACE AT END OF CULVERT

RAISED REFLECTIVE PAVEMENT
MARKERS (AMBER) @ 80' CTS.
STA. 253+00 - STA. 305+60

MATCHLINE STA. 284+00

MATCHLINE STA. 295+00

GRAPHIC SCALE
FEET



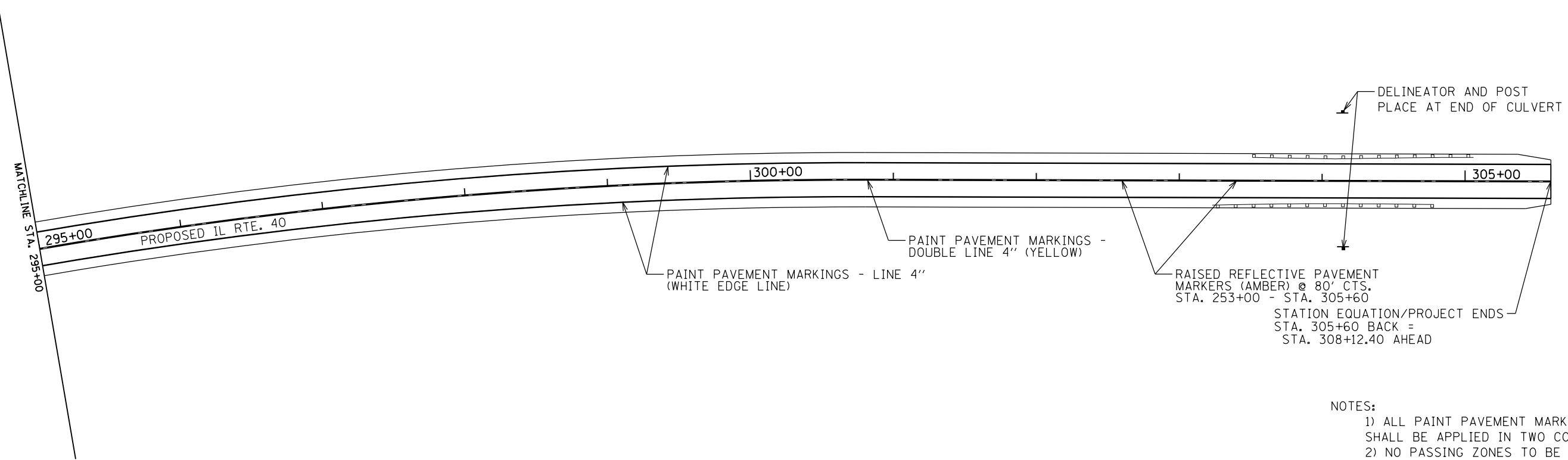
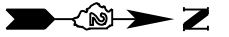
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

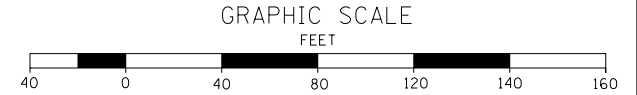
**SIGNAGE & PAVEMENT MARKING
IL ROUTE 40**

SCALE: 1"=40' SHEET 88 OF 197 SHEETS STA. 284+00 TO STA. 295+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	03-00083-00-BR	CARROLL	197	88
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				



- NOTES:
- 1) ALL PAINT PAVEMENT MARKINGS SHALL BE APPLIED IN TWO COATS.
 - 2) NO PASSING ZONES TO BE ESTABLISHED BY BUREAU OF OPERATIONS.




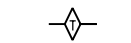


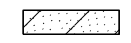

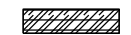
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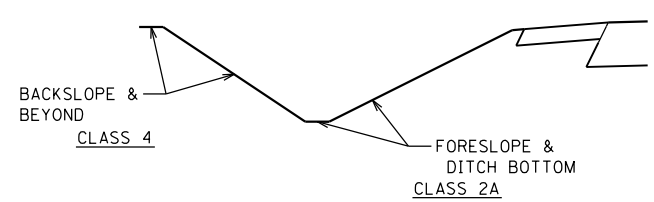
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNAGE & PAVEMENT MARKING IL ROUTE 40			
SCALE: 1"=40'	SHEET 89	OF 197 SHEETS	STA. 295+00 TO STA. 309+50

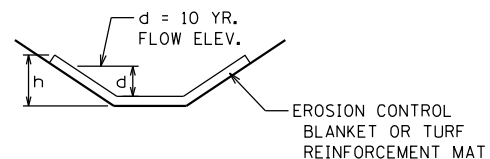
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	03-00083-00-BR	CARROLL	197	89
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

LEGEND

-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  SEEDING CLASS 2A & MULCH METHOD 3
-  SEEDING CLASS 4 & MULCH METHOD 3
-  EROSION CONTROL BLANKET
-  TURF REINFORCEMENT MAT

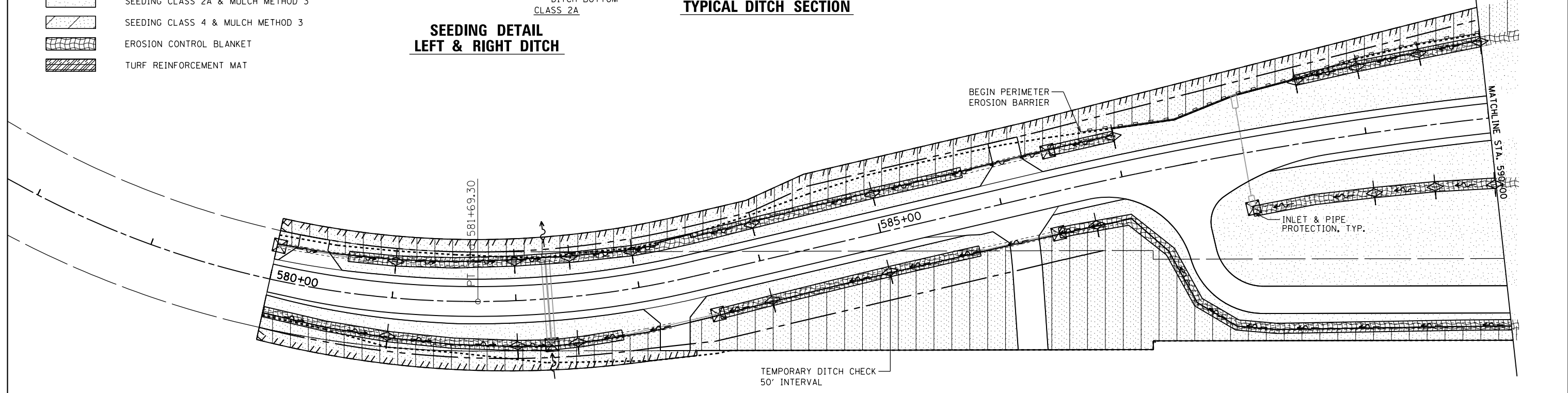


**SEEDING DETAIL
LEFT & RIGHT DITCH**

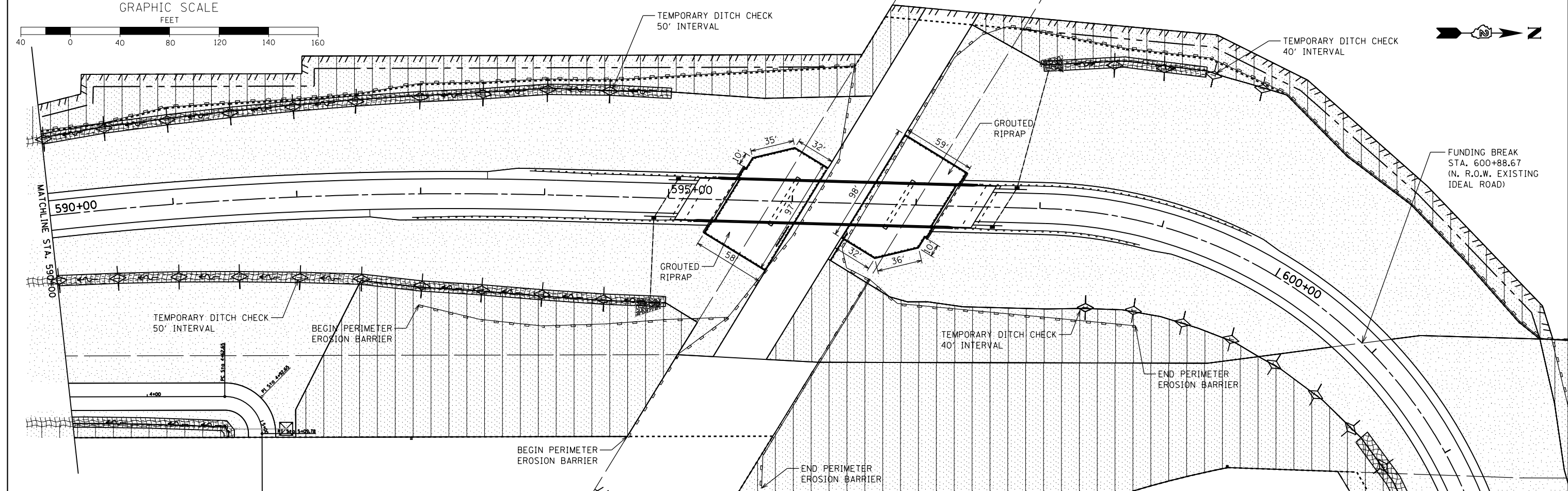
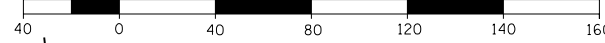


TYPICAL DITCH SECTION

**RT & LT - BLANKET
TO END AT SAME ELEVATION**



GRAPHIC SCALE
FEET



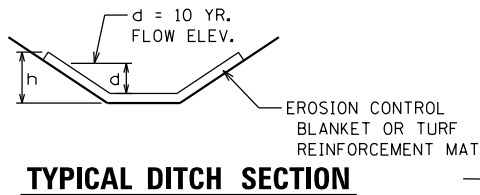
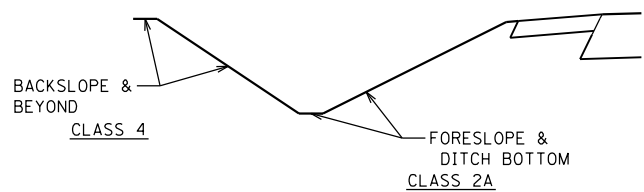
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Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL
IDEAL ROAD**

SCALE: 1"=40' SHEET 90 OF 197 SHEETS STA. 578+00 TO STA. 602+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	03-00083-00-BR	CARROLL	197	90
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				



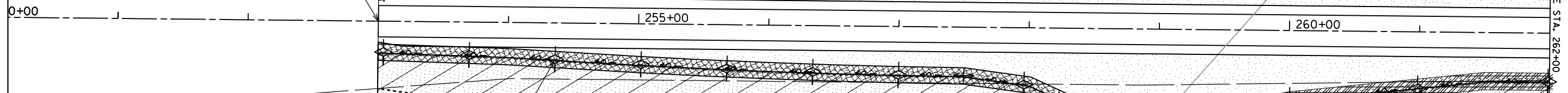
**SEEDING DETAIL
LEFT & RIGHT DITCH**

TEMPORARY DITCH CHECK
66' INTERVAL
STA. 253+00-STA. 257+00

TEMPORARY DITCH CHECK
100' INTERVAL
STA. 257+00-STA. 262+00

TURF REINFORCEMENT MAT
AROUND DROP BOX

PROJECT BEGINS
STA. 253+00



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET & PIPE PROTECTION
- SEEDING CLASS 2A & MULCH METHOD 3
- SEEDING CLASS 4 & MULCH METHOD 3
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT

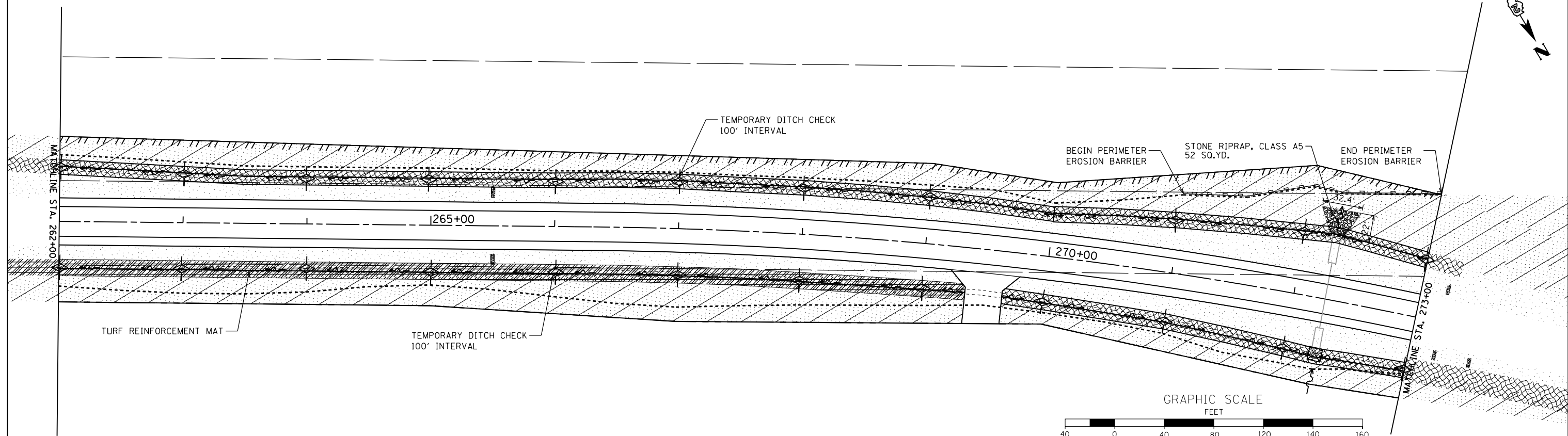
TEMPORARY DITCH CHECK
66' INTERVAL
STA. 253+00-STA. 257+00

BEGIN PERIMETER
EROSION BARRIER

STONE RIPRAP, CLASS A5
44 SQ.YD.

END PERIMETER
EROSION BARRIER

TEMPORARY DITCH CHECK
100' INTERVAL
STA. 257+00-STA. 262+00



TEMPORARY DITCH CHECK
100' INTERVAL

BEGIN PERIMETER
EROSION BARRIER

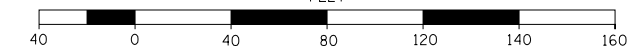
STONE RIPRAP, CLASS A5
52 SQ.YD.

END PERIMETER
EROSION BARRIER

TURF REINFORCEMENT MAT

TEMPORARY DITCH CHECK
100' INTERVAL

GRAPHIC SCALE
FEET






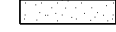
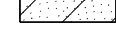


FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
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Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

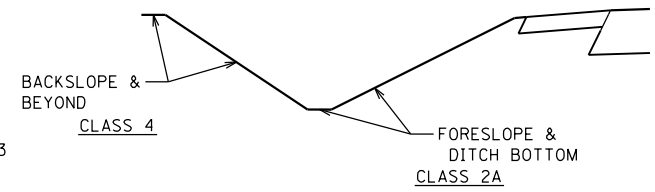
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL IL ROUTE 40	
SCALE: 1"=40'	SHEET 91 OF 197 SHEETS
STA. 251+00	TO STA. 602+00

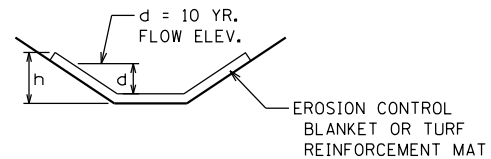
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	03-00083-00-BR	CARROLL	197	91
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

LEGEND

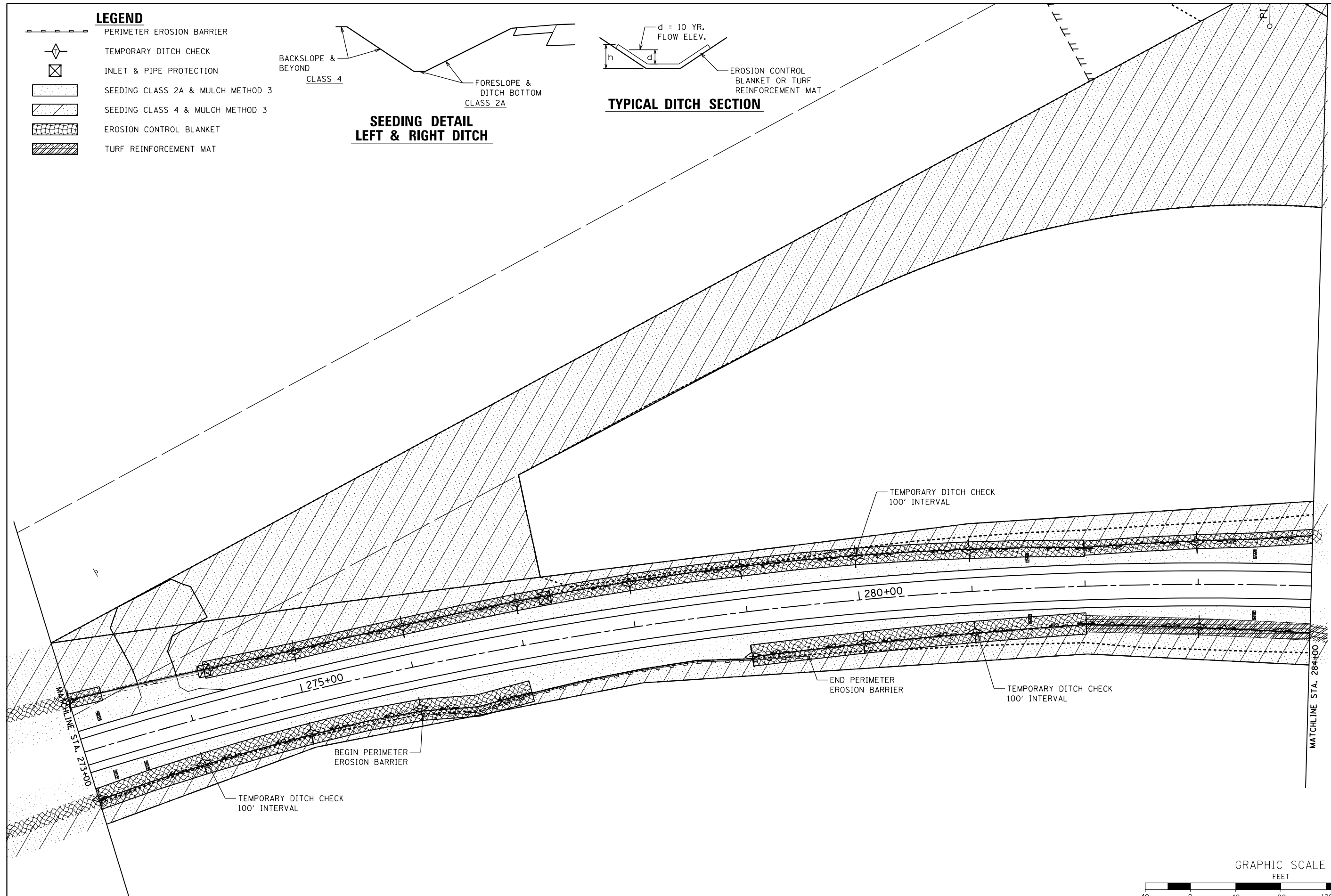
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  SEEDING CLASS 2A & MULCH METHOD 3
-  SEEDING CLASS 4 & MULCH METHOD 3
-  EROSION CONTROL BLANKET
-  TURF REINFORCEMENT MAT



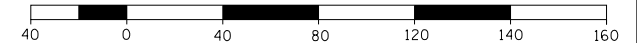
**SEEDING DETAIL
LEFT & RIGHT DITCH**



TYPICAL DITCH SECTION



GRAPHIC SCALE
FEET



FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012Jobs\2120237\Geopak\0206811-EROSION.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

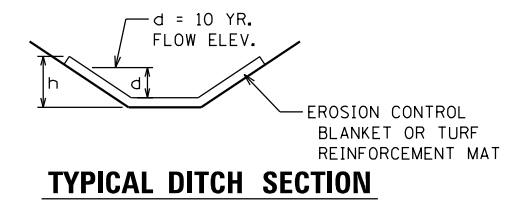
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL
IL ROUTE 40**

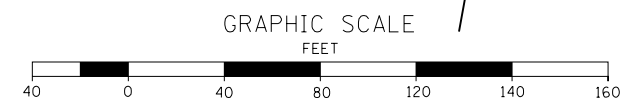
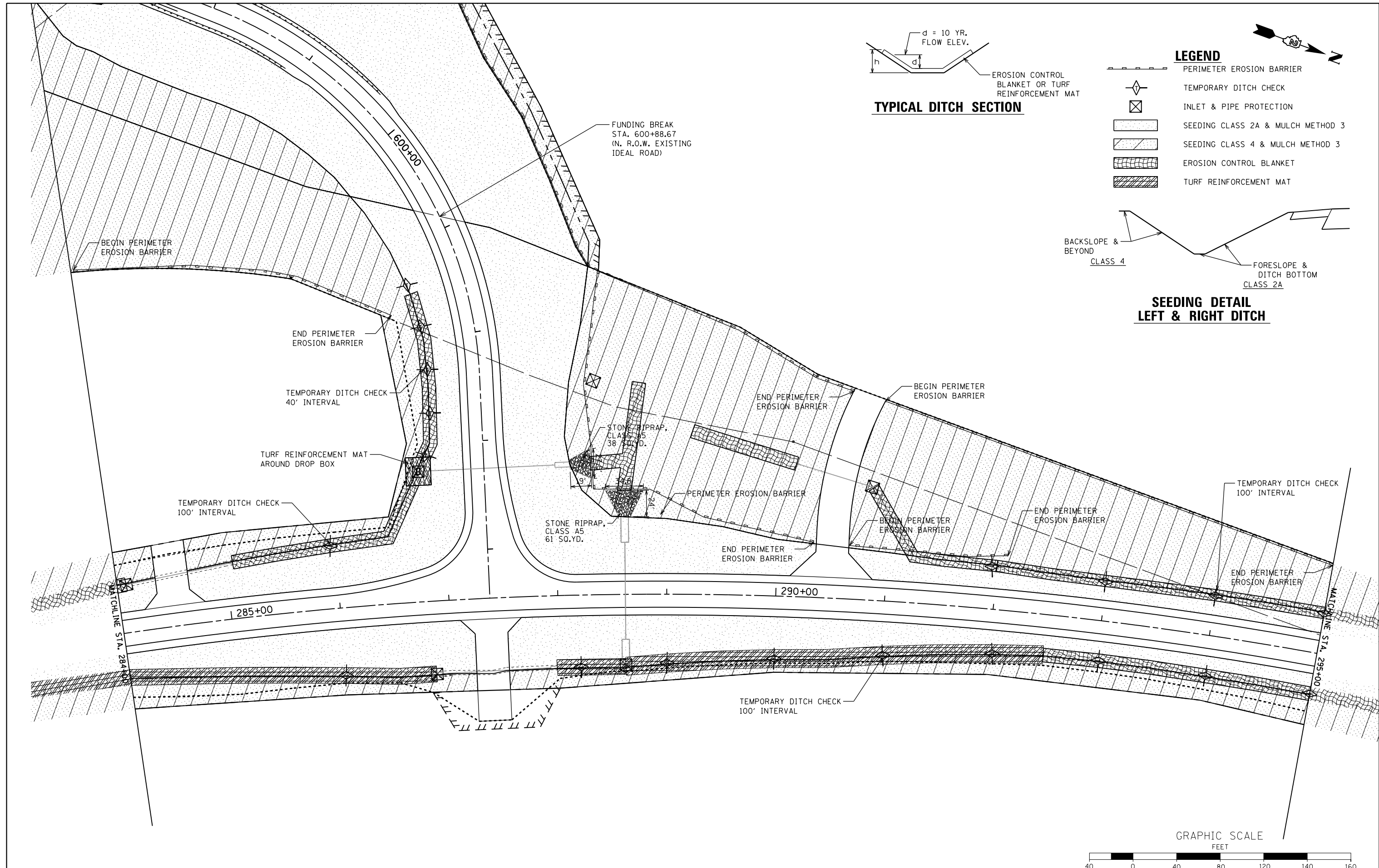
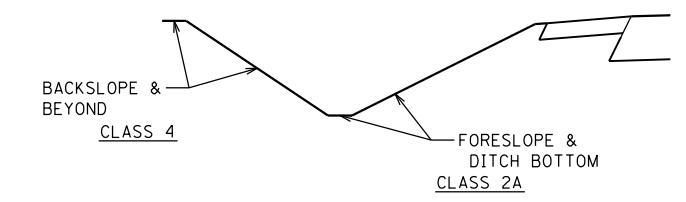
SCALE: 1"=40' SHEET 92 OF 197 SHEETS STA. 273+00 TO STA. 284+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	03-00083-00-BR	CARROLL	197	92
JOB *C-92-067-06			CONTRACT NO. 85645	

ILLINOIS FED. AID PROJECT



- LEGEND**
- PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - INLET & PIPE PROTECTION
 - SEEDING CLASS 2A & MULCH METHOD 3
 - SEEDING CLASS 4 & MULCH METHOD 3
 - EROSION CONTROL BLANKET
 - TURF REINFORCEMENT MAT



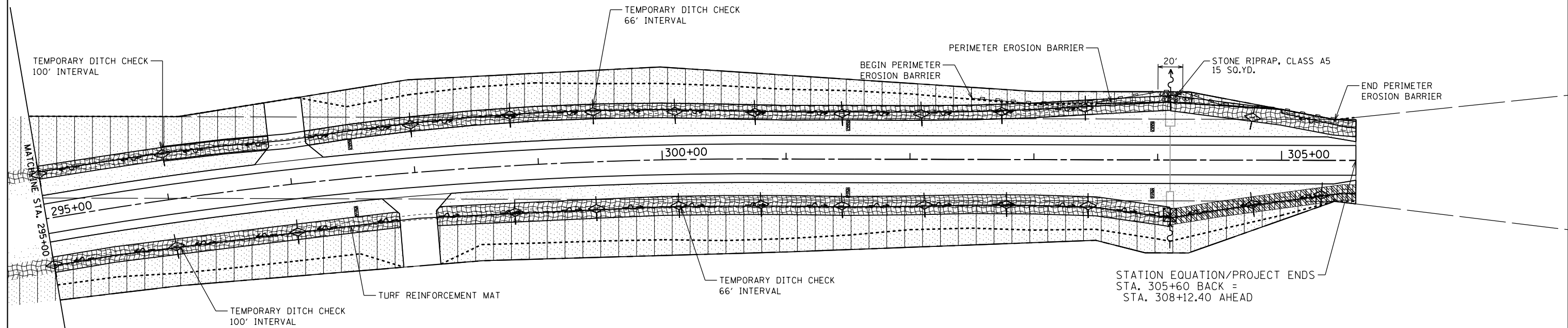
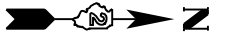
FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012Jobs\2120237\Geopak\0206811-EROS	DN.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL
IL ROUTE 40**

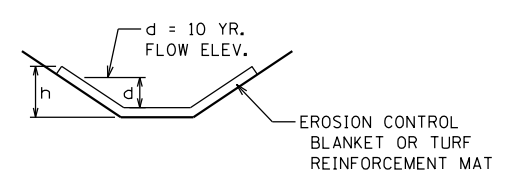
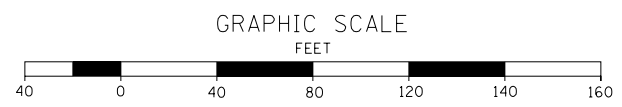
SCALE: 1"=40' SHEET 93 OF 197 SHEETS STA. 284+00 TO STA. 295+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	03-00083-00-BR	CARROLL	197	93
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

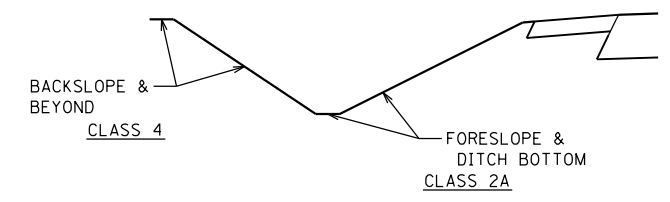


LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET & PIPE PROTECTION
- SEEDING CLASS 2A & MULCH METHOD 3
- SEEDING CLASS 4 & MULCH METHOD 3
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT



TYPICAL DITCH SECTION



SEEDING DETAIL LEFT & RIGHT DITCH

FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -
F:\2012Jobs\2120237\Geopak\0206811-EROSION.dgn	DN.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL
IL ROUTE 40**

SCALE: 1"=40' SHEET 94 OF 197 SHEETS STA. 295+00 TO STA. 309+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	03-00083-00-BR	CARROLL	197	94
JOB *C-92-067-06			CONTRACT NO. 85645	
ILLINOIS FED. AID PROJECT				

Township 23 North, Range 6 East of the 4th P.M.

**TIMOTHY M. LIVENGOOD AND
JEAN M. LIVENGOOD**

PARCEL 006/25RB-1 2.527 AC.

PART OF THE NORTHEAST QUARTER AND OF THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.

TOTAL AREA 8.790 AC.
TOTAL AREA REQUIRED 2.527 AC.
AREA IN EXISTING ROADWAY 0.219 AC.
NET AREA REQUIRED 2.308 AC.
AREA REMAINING 6.263 AC.

**LIVENGOOD FAMILY
BEEF PARTNERSHIP**

PARCEL 007/25RB-1 3.237 AC.

PART OF THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.

TOTAL AREA 3.237 AC.
TOTAL AREA REQUIRED 3.237 AC.
AREA IN EXISTING ROADWAY 0.533 AC.
NET AREA REQUIRED 2.704 AC.
AREA REMAINING 0.000 AC.

**DAW ACRES
CORPORATION**

PARCEL 008/25RB-1 3.235 AC.

PART OF THE EAST HALF OF SECTION 17, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.

TOTAL AREA 171.130 AC.
TOTAL AREA REQUIRED 3.235 AC.
TRACT ONE 3.094 AC.
TRACT TWO 0.141 AC.
AREA IN EXISTING ROADWAY 1.301 AC.
TRACT ONE 1.301 AC.
TRACT TWO 0.000 AC.
NET AREA REQUIRED 1.934 AC.
TRACT ONE 1.793 AC.
TRACT TWO 0.141 AC.
AREA REMAINING 167.895 AC.

**LIVENGOOD FAMILY
BEEF PARTNERSHIP**

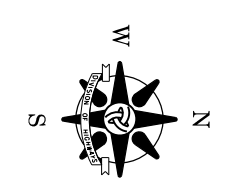
PARCEL 010/25RB-1 0.182 AC.

PART OF THE SOUTHWEST QUARTER OF SECTION 16, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.

TOTAL AREA 28.920 AC.
TOTAL AREA REQUIRED 0.182 AC.
AREA IN EXISTING ROADWAY 0.157 AC.
NET AREA REQUIRED 0.025 AC.
AREA REMAINING 28.738 AC.

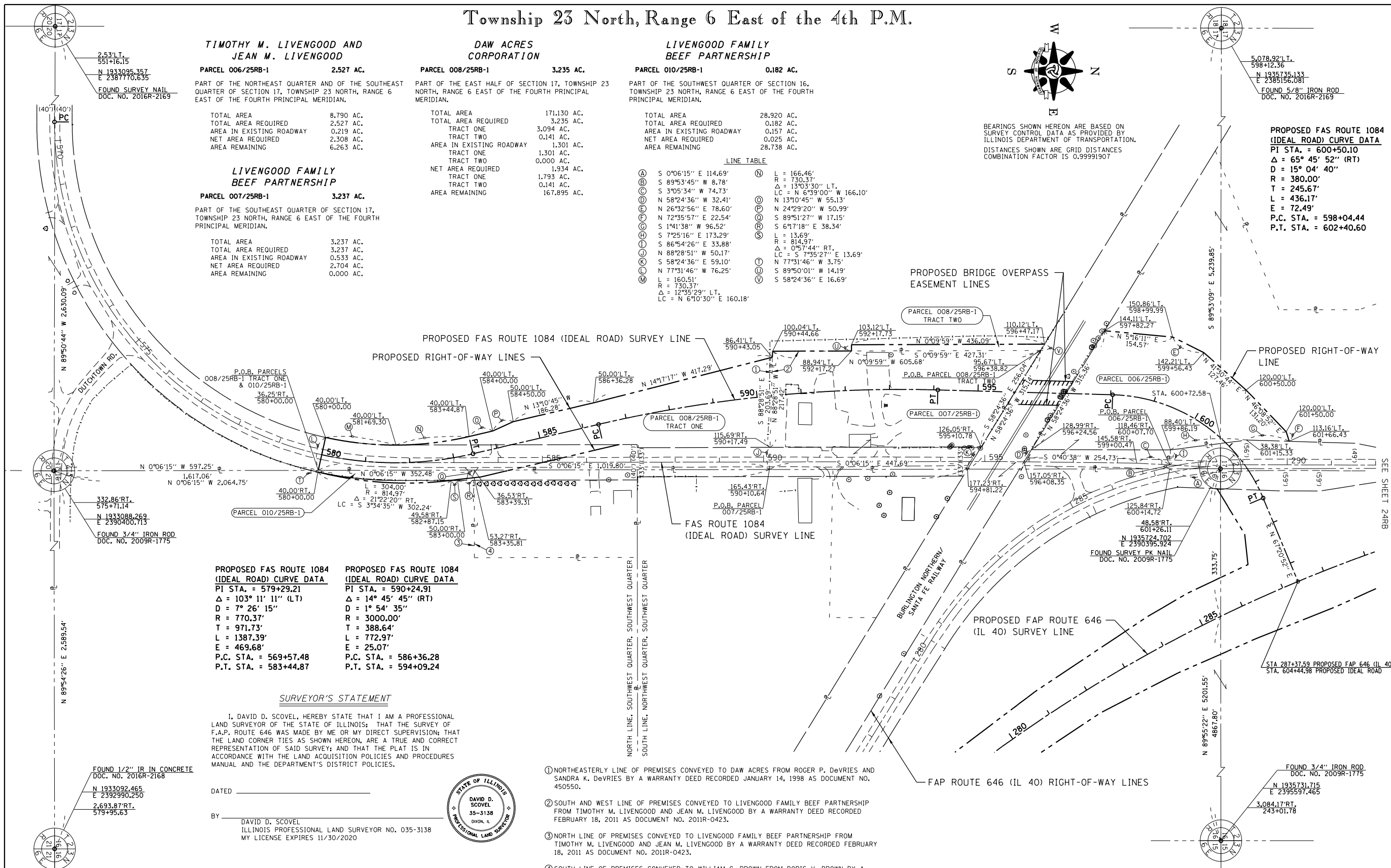
LINE TABLE

(A) S 0°06'15" E 114.69'	(N) L = 166.46'
(B) S 89°53'45" W 8.78'	R = 730.37'
(C) S 3°05'34" W 74.73'	Δ = 13°03'30" LT.
(D) N 58°24'36" W 32.41'	LC = N 6°39'00" W 166.10'
(E) N 26°32'56" E 78.60'	N 13°10'45" W 55.13'
(F) N 72°35'57" E 22.54'	N 24°29'20" W 50.99'
(G) S 1°41'38" W 96.52'	S 89°51'27" W 17.15'
(H) S 7°25'16" E 173.29'	S 6°17'18" E 38.34'
(I) S 86°54'26" E 33.88'	L = 13.69'
(J) N 88°28'51" W 50.17'	R = 814.97'
(K) S 58°24'36" E 59.10'	Δ = 0°57'44" RT.
(L) N 77°31'46" W 76.25'	LC = S 7°35'27" E 13.69'
(M) L = 160.51'	N 77°31'46" W 3.75'
(N) R = 730.37'	S 89°50'01" W 14.19'
(O) LC = N 6°10'30" E 160.18'	S 58°24'36" E 16.69'



BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY ILLINOIS DEPARTMENT OF TRANSPORTATION. DISTANCES SHOWN ARE GRID DISTANCES COMBINATION FACTOR IS 0.99991907

**PROPOSED FAS ROUTE 1084
(IDEAL ROAD) CURVE DATA**
PI STA. = 600+50.10
Δ = 65° 45' 52" (RT)
D = 15° 04' 40"
R = 380.00'
T = 245.67'
L = 436.17'
E = 72.49'
P.C. STA. = 598+04.44
P.T. STA. = 602+40.60



**PROPOSED FAS ROUTE 1084
(IDEAL ROAD) CURVE DATA**
PI STA. = 579+29.21
Δ = 103° 11' 11" (LT)
D = 7° 26' 15"
R = 770.37'
T = 971.73'
L = 1387.39'
E = 469.68'
P.C. STA. = 569+57.48
P.T. STA. = 583+44.87

**PROPOSED FAS ROUTE 1084
(IDEAL ROAD) CURVE DATA**
PI STA. = 590+24.91
Δ = 14° 45' 45" (RT)
D = 1° 54' 35"
R = 3000.00'
T = 388.64'
L = 772.97'
E = 25.07'
P.C. STA. = 586+36.28
P.T. STA. = 594+09.24

SURVEYOR'S STATEMENT

I, DAVID D. SCOVEL, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF F.A.P. ROUTE 646 WAS MADE BY ME OR MY DIRECT SUPERVISION; THAT THE LAND CORNER TIES AS SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY; AND THAT THE PLAT IS IN ACCORDANCE WITH THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL AND THE DEPARTMENT'S DISTRICT POLICIES.

DATED _____
BY DAVID D. SCOVEL
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-3138
MY LICENSE EXPIRES 11/30/2020



- NORTHEASTERLY LINE OF PREMISES CONVEYED TO DAW ACRES FROM ROGER P. DeVRIES AND SANDRA K. DeVRIES BY A WARRANTY DEED RECORDED JANUARY 14, 1998 AS DOCUMENT NO. 450550.
- SOUTH AND WEST LINE OF PREMISES CONVEYED TO LIVENGOOD FAMILY BEEF PARTNERSHIP FROM TIMOTHY M. LIVENGOOD AND JEAN M. LIVENGOOD BY A WARRANTY DEED RECORDED FEBRUARY 18, 2011 AS DOCUMENT NO. 2011R-0423.
- NORTH LINE OF PREMISES CONVEYED TO LIVENGOOD FAMILY BEEF PARTNERSHIP FROM TIMOTHY M. LIVENGOOD AND JEAN M. LIVENGOOD BY A WARRANTY DEED RECORDED FEBRUARY 18, 2011 AS DOCUMENT NO. 2011R-0423.
- SOUTH LINE OF PREMISES CONVEYED TO WILLIAM G. BROWN FROM DORIS V. BROWN BY A QUIT CLAIM DEED RECORDED DECEMBER 16, 2004 AS DOCUMENT NO. 485143.

<p>GROUND BREAKING SOLUTIONS engineers - surveyors - scientists www.wendlergs.com ph: 815.288.2261 WENDLER ENGINEERING SERVICES, INC. Illinois Professional Design Firm No. 184-000848</p>	DESIGNED - DS	REVISED - 3/26/2019	ILLINOIS DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY PLAT	FAS ROUTE 1084 (CH 8)	SECTIONS 16 AND 17	COUNTY CARROLL	JOB# R-92-004-13
	DRAWN - BH	REVISIONS -		SCALE: 1"=100'	T 23 N, R 6 E OF 4TH P.M.	PROJECT#	STA 570+00 TO STA 604+44.98
	CHECKED - DV	REVISIONS -		SHEET NO. 25RB-1			
	DATE - 7/26/2018	REVISIONS -					

FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY IDEAL ROAD	F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012\Jobs\2120237\Geopak\0206811-RightOfWay.dgn		DRAWN -	REVISED -			1084	03-00083-00-BR	CARROLL	197	95
Default	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -	SCALE:	SHEET 95 OF 197 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 11/12/2019	DATE -	REVISED -					CONTRACT NO. 85645		

Township 23 North, Range 6 East of the 4th P.M.

**TIMOTHY M. LIVENGOOD AND
JEAN M. LIVENGOOD**

PARCEL 006/E25RB-1 0.119 AC.
PART OF THE NORTHEAST QUARTER AND OF THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.

TEMPORARY EASEMENT FOR GRADING AND SHAPING.

**DAW ACRES
CORPORATION**

PARCEL 008/E25RB-1 0.386 AC.
PART OF THE EAST HALF OF SECTION 17, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.

TEMPORARY EASEMENT FOR GRADING AND SHAPING.

**LIVENGOOD FAMILY
BEEF PARTNERSHIP**

PARCEL 010/E25RB-1 0.078 AC.
PART OF THE SOUTHWEST QUARTER OF SECTION 16, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.

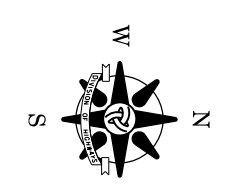
TEMPORARY EASEMENT FOR GRADING AND SHAPING.

**BURLINGTON NORTHERN /
SANTA FE RAILWAY COMPANY**

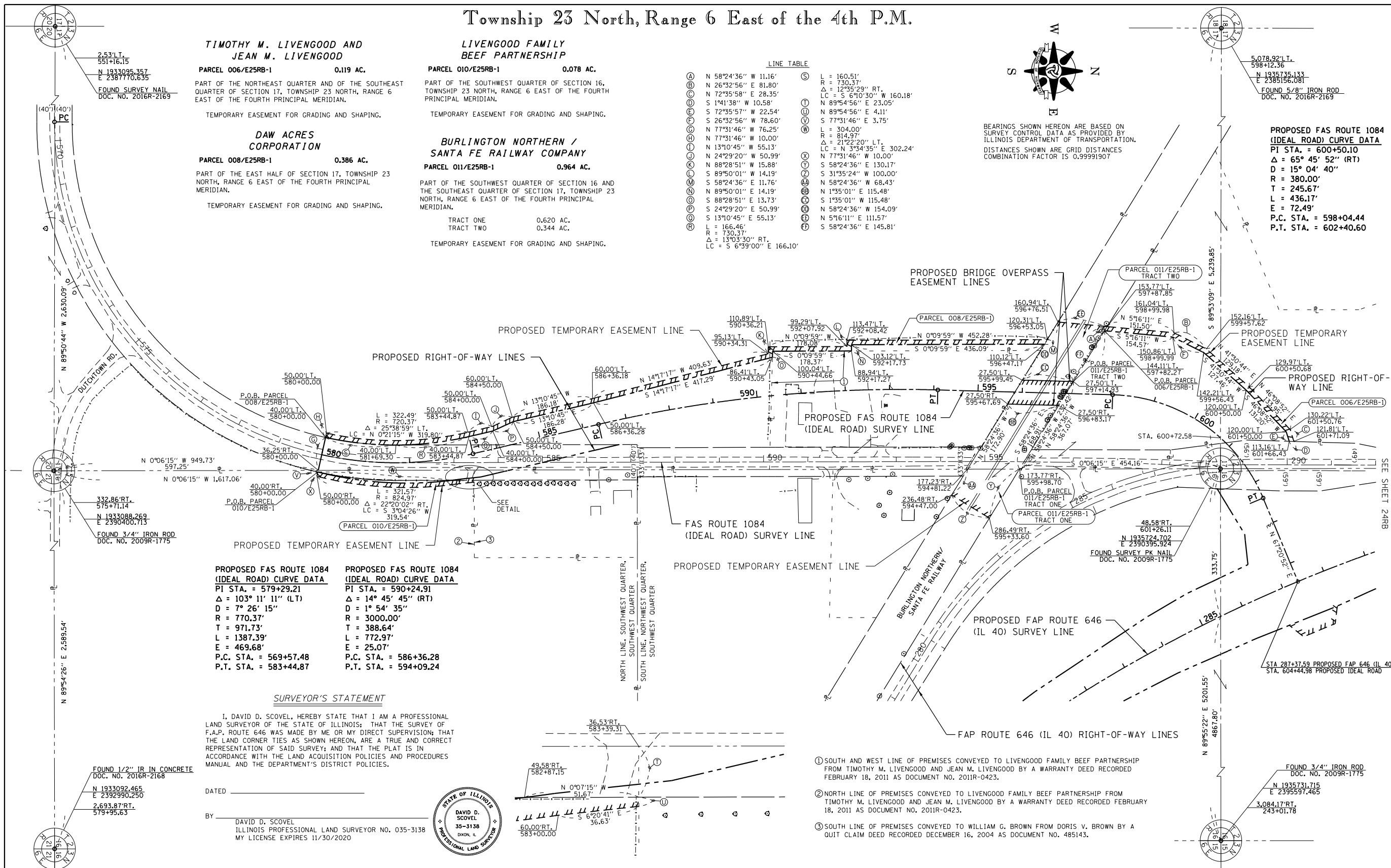
PARCEL 011/E25RB-1 0.964 AC.
PART OF THE SOUTHWEST QUARTER OF SECTION 16 AND THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.

TRACT ONE 0.620 AC.
TRACT TWO 0.344 AC.
TEMPORARY EASEMENT FOR GRADING AND SHAPING.

LINE TABLE	
(A)	N 58°24'36" W 11.16'
(B)	N 26°32'56" E 81.80'
(C)	N 72°35'58" E 28.35'
(D)	S 14°1'38" W 10.58'
(E)	S 72°35'57" W 22.54'
(F)	S 26°32'56" W 78.60'
(G)	N 77°31'46" W 76.25'
(H)	N 77°31'46" W 10.00'
(I)	N 13°10'45" W 55.13'
(J)	N 24°29'20" W 50.99'
(K)	N 88°28'51" W 15.88'
(L)	S 89°50'01" W 14.19'
(M)	S 58°24'36" E 11.76'
(N)	N 89°50'01" E 14.19'
(O)	S 88°28'51" E 13.73'
(P)	S 24°29'20" E 50.99'
(Q)	S 13°10'45" E 55.13'
(R)	L = 166.46'
(S)	R = 730.37'
(T)	Δ = 13°03'30" RT.
(U)	LC = S 6°59'00" E 166.10'
(V)	L = 160.51'
(W)	R = 730.37'
(X)	Δ = 12°35'29" RT.
(Y)	LC = S 6°10'30" W 160.18'
(Z)	N 89°54'56" E 23.05'
(AA)	N 89°54'56" E 4.11'
(AB)	S 77°31'46" E 3.75'
(AC)	L = 304.00'
(AD)	R = 814.37'
(AE)	Δ = 21°22'20" LT.
(AF)	LC = N 3°34'35" E 302.24'
(AG)	N 77°31'46" W 10.00'
(AH)	S 58°24'36" E 130.17'
(AI)	S 31°35'24" W 100.00'
(AJ)	N 58°24'36" W 68.43'
(AK)	N 1°35'01" E 115.48'
(AL)	S 1°35'01" W 115.48'
(AM)	N 58°24'36" W 154.09'
(AN)	N 5°16'11" E 111.57'
(AO)	S 58°24'36" E 145.81'



**PROPOSED FAS ROUTE 1084
(IDEAL ROAD) CURVE DATA**
PI STA. = 600+50.10
Δ = 65° 45' 52" (RT)
D = 15° 04' 40"
R = 380.00'
T = 245.67'
L = 436.17'
E = 72.49'
P.C. STA. = 598+04.44
P.T. STA. = 602+40.60

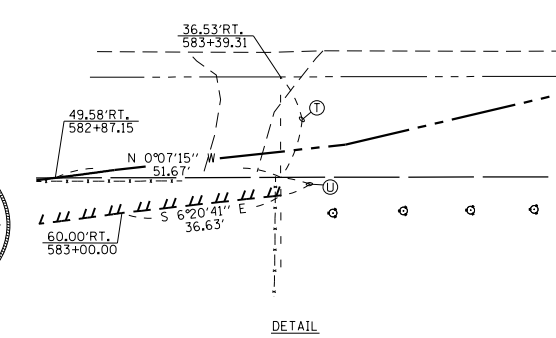


PROPOSED FAS ROUTE 1084 (IDEAL ROAD) CURVE DATA	PROPOSED FAS ROUTE 1084 (IDEAL ROAD) CURVE DATA
PI STA. = 579+29.21	PI STA. = 590+24.91
Δ = 103° 11' 11" (LT)	Δ = 14° 45' 45" (RT)
D = 7° 26' 15"	D = 1° 54' 35"
R = 770.37'	R = 3000.00'
T = 971.73'	T = 388.64'
L = 1387.39'	L = 772.97'
E = 469.68'	E = 25.07'
P.C. STA. = 569+57.48	P.C. STA. = 586+36.28
P.T. STA. = 583+44.87	P.T. STA. = 594+09.24

SURVEYOR'S STATEMENT

I, DAVID D. SCOVEL, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF F.A.P. ROUTE 646 WAS MADE BY ME OR MY DIRECT SUPERVISION; THAT THE LAND CORNER TIES AS SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY; AND THAT THE PLAT IS IN ACCORDANCE WITH THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL AND THE DEPARTMENT'S DISTRICT POLICIES.

DATED _____
BY DAVID D. SCOVEL
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-3138
MY LICENSE EXPIRES 11/30/2020



- ① SOUTH AND WEST LINE OF PREMISES CONVEYED TO LIVENGOOD FAMILY BEEF PARTNERSHIP FROM TIMOTHY M. LIVENGOOD AND JEAN M. LIVENGOOD BY A WARRANTY DEED RECORDED FEBRUARY 18, 2011 AS DOCUMENT NO. 2011R-0423.
- ② NORTH LINE OF PREMISES CONVEYED TO LIVENGOOD FAMILY BEEF PARTNERSHIP FROM TIMOTHY M. LIVENGOOD AND JEAN M. LIVENGOOD BY A WARRANTY DEED RECORDED FEBRUARY 18, 2011 AS DOCUMENT NO. 2011R-0423.
- ③ SOUTH LINE OF PREMISES CONVEYED TO WILLIAM G. BROWN FROM DORIS V. BROWN BY A QUIT CLAIM DEED RECORDED DECEMBER 16, 2004 AS DOCUMENT NO. 485143.

<p>GROUND BREAKING SOLUTIONS engineers · surveyors · scientists www.wendlergs.com ph: 815.288.2261 WENDLER ENGINEERING SERVICES, INC. Illinois Professional Design Firm No. 184-00848</p>	DESIGNED - DS	REVISIONS - 10/22/2018	ILLINOIS DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY PLAT	FAS ROUTE 1084 (CH 8)	SECTIONS 16 AND 17	COUNTY CARROLL	JOB# R-92-004-13
	DRAWN - BH	CHECKED - DV		DATE - 5/25/2018	SEC 5T-2	T 23 N, R 6 E OF 4TH P.M.	PROJECT#

FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY EASEMENTS IDEAL ROAD	F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\2012\Jobs\2120237\Geopack\0206811-Right	FWay.dgn	DRAWN -	REVISIONS -			1084	03-00083-00-BR	CARROLL	197	96
Default	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISIONS -	SCALE:	SHEET 96 OF 197 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 85645		

Township 23 North, Range 6 East of the 4th P.M.

FAP ROUTE 646 (IL 40)
 CURVE DATA
 PI STA. = 285+23.47
 $\Delta = 58^\circ 33' 15''$ (RT)
 $D = 6^\circ 52' 11''$
 $R = 834.02'$
 $T = 467.59'$
 $L = 852.34'$
 $E = 122.13'$
 P.C. STA. = 280+55.87
 P.T. STA. = 289+08.21

FOUND SURVEY PK NAIL
 DOC. NO. 2009R-1775
 N 1935724.702
 E 2390395.924
 303.281 L.T.
 286+79.32

FOUND SURVEY PK NAIL
 DOC. NO. 2009R-1775
 N 1935724.702
 E 2390395.924
 303.281 L.T.
 286+79.32

FOUND SURVEY PK NAIL
 DOC. NO. 2009R-1775
 N 1935724.702
 E 2390395.924
 303.281 L.T.
 286+79.32

FOUND SURVEY PK NAIL
 DOC. NO. 2009R-1775
 N 1935724.702
 E 2390395.924
 303.281 L.T.
 286+79.32

FOUND SURVEY PK NAIL
 DOC. NO. 2009R-1775
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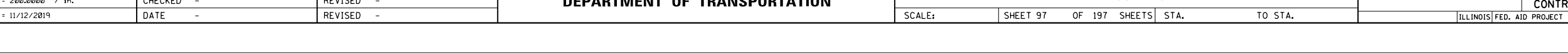
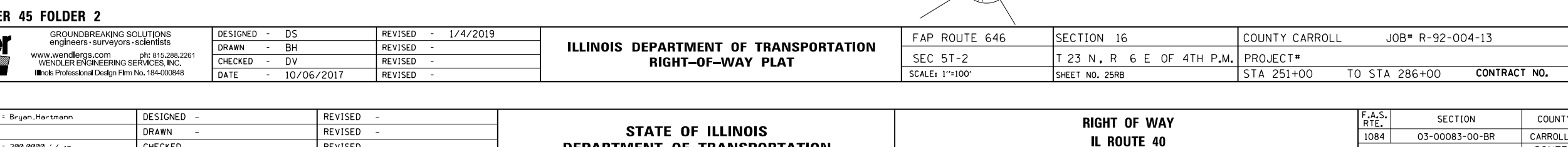
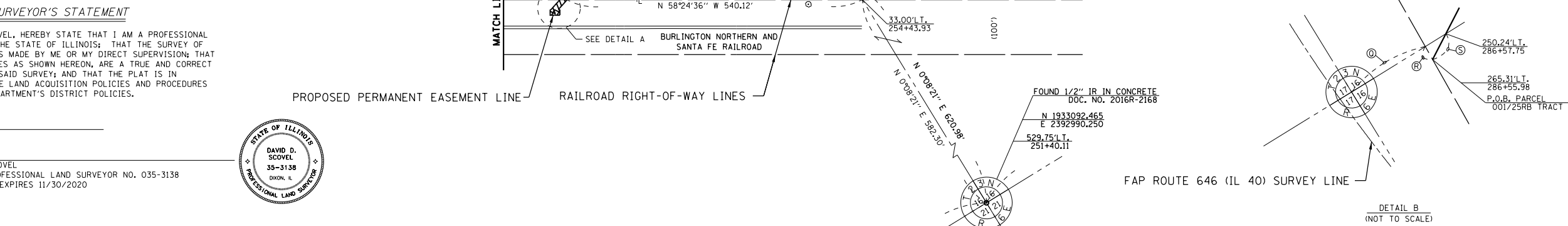
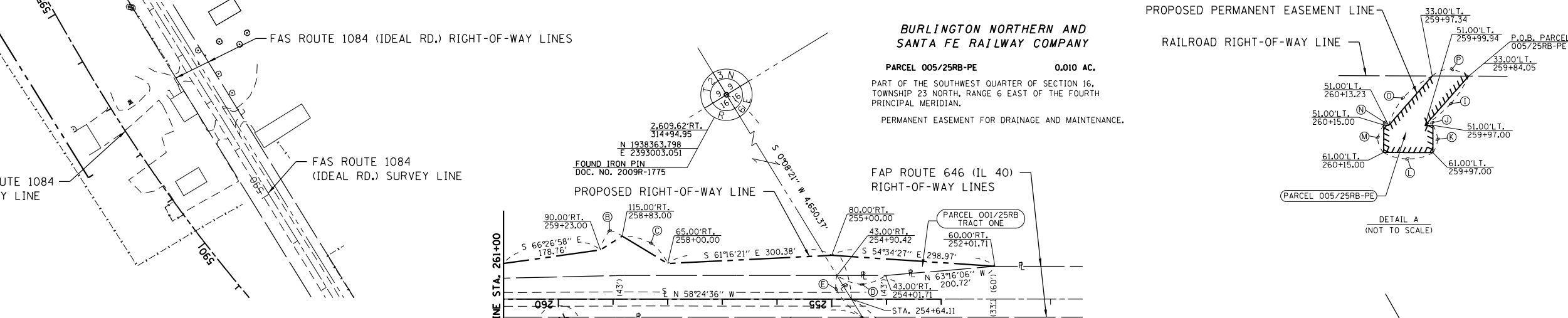
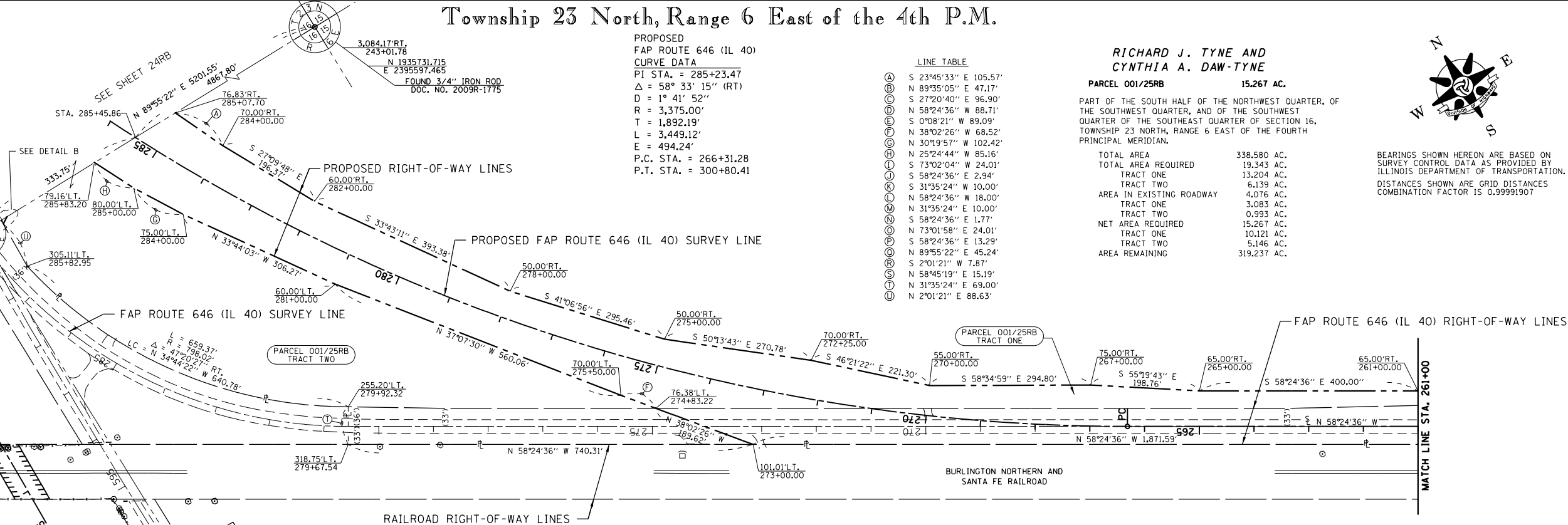
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 DOC. NO. 2009R-1775
 N 1935724.702
 E 2390395.924
 303.281 L.T.
 286+79.32



PROPOSED
 FAP ROUTE 646 (IL 40)
 CURVE DATA
 PI STA. = 285+23.47
 $\Delta = 58^\circ 33' 15''$ (RT)
 $D = 1^\circ 41' 52''$
 $R = 3,375.00'$
 $T = 1,892.19'$
 $L = 3,449.12'$
 $E = 494.24'$
 P.C. STA. = 266+31.28
 P.T. STA. = 300+80.41

LINE TABLE

(A)	S 23°45'33" E 105.57'
(B)	N 89°35'05" E 47.17'
(C)	S 27°20'40" E 96.90'
(D)	N 58°24'36" W 88.71'
(E)	S 0°08'21" W 89.09'
(F)	N 38°02'26" W 68.52'
(G)	N 30°19'57" W 102.42'
(H)	N 25°24'44" W 85.16'
(I)	S 73°02'04" W 24.01'
(J)	S 58°24'36" E 2.94'
(K)	S 31°35'24" W 10.00'
(L)	N 58°24'36" W 18.00'
(M)	N 31°35'24" E 10.00'
(N)	S 58°24'36" E 1.77'
(O)	N 73°01'58" E 24.01'
(P)	S 58°24'36" E 13.29'
(Q)	N 89°55'22" E 45.24'
(R)	S 2°01'21" W 7.87'
(S)	N 58°45'19" E 15.19'
(T)	N 31°35'24" E 69.00'
(U)	N 2°01'21" E 88.63'

RICHARD J. TYNE AND
 CYNTHIA A. DAW-TYNE

PARCEL 001/25RB 15.267 AC.

PART OF THE SOUTH HALF OF THE NORTHWEST QUARTER, OF THE SOUTHWEST QUARTER, AND OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 16, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.

TOTAL AREA	338.580 AC.
TOTAL AREA REQUIRED	19.343 AC.
TRACT ONE	13.204 AC.
TRACT TWO	6.139 AC.
AREA IN EXISTING ROADWAY	4.076 AC.
TRACT ONE	3.083 AC.
TRACT TWO	0.993 AC.
NET AREA REQUIRED	15.267 AC.
TRACT ONE	10.121 AC.
TRACT TWO	5.146 AC.
AREA REMAINING	319.237 AC.

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY ILLINOIS DEPARTMENT OF TRANSPORTATION. DISTANCES SHOWN ARE GRID DISTANCES COMBINATION FACTOR IS 0.99991907

SURVEYOR'S STATEMENT

I, DAVID D. SCOVEL, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF F.A.P. ROUTE 646 WAS MADE BY ME OR MY DIRECT SUPERVISION; THAT THE LAND CORNER TIES AS SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY; AND THAT THE PLAT IS IN ACCORDANCE WITH THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL AND THE DEPARTMENT'S DISTRICT POLICIES.

DATED _____

BY DAVID D. SCOVEL
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-3138
 MY LICENSE EXPIRES 11/30/2020



DRAWER 45 FOLDER 2

wendler GROUND BREAKING SOLUTIONS
 engineers - surveyors - scientists
 www.wendlergs.com ph: 815.288.2261
 WENDLER ENGINEERING SERVICES, INC.
 Illinois Professional Design Firm No. 184-000848

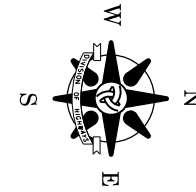
DESIGNED - DS	REVISED - 1/4/2019
DRAWN - BH	REVISED -
CHECKED - DV	REVISED -
DATE - 10/06/2017	REVISED -

ILLINOIS DEPARTMENT OF TRANSPORTATION
 RIGHT-OF-WAY PLAT

FAP ROUTE 646	SECTION 16	COUNTY CARROLL	JOB# R-92-004-13
SEC 5T-2	T 23 N, R 6 E OF 4TH P.M.	PROJECT#	
SCALE: 1"=100'	SHEET NO. 25RB	STA 251+00 TO STA 286+00	CONTRACT NO.

FILE NAME =	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY IL ROUTE 40	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
F:\2012\Jobs\2120237\Geopak\0206811-RightFWay.dgn		DRAWN -	REVISED -			1084	03-00083-00-BR	CARROLL	197	97	
Default		CHECKED -	REVISED -			CONTRACT NO. 85645					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

Township 23 North, Range 6 East of the 4th P.M.



**ELMER E. RAHN, JR.
AND ANNETTE L. RAHN**

PARCEL 002/24RB 0.157 AC.
PART OF THE SOUTH HALF OF THE NORTHEAST QUARTER OF SECTION 17, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.
TOTAL AREA 48.380 AC.
TOTAL AREA REQUIRED 0.157 AC.
AREA IN EXISTING ROADWAY 0.000 AC.
NET AREA REQUIRED 0.157 AC.
AREA REMAINING 48.223 AC.

**JANICE A. NESEMEIER AND
JANICE A. NESEMEIER, TRUSTEE**

PARCEL 003/24RB 0.386 AC.
PART OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 17, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.
TOTAL AREA 111.470 AC.
TOTAL AREA REQUIRED 0.386 AC.
AREA IN EXISTING ROADWAY 0.000 AC.
NET AREA REQUIRED 0.386 AC.
AREA REMAINING 111.084 AC.

**JANICE A. NESEMEIER AND
JANICE A. NESEMEIER, TRUSTEE**

PARCEL 004/24RB 0.527 AC.
PART OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.
TOTAL AREA 78.790 AC.
TOTAL AREA REQUIRED 0.527 AC.
AREA IN EXISTING ROADWAY 0.000 AC.
NET AREA REQUIRED 0.527 AC.
AREA REMAINING 78.263 AC.

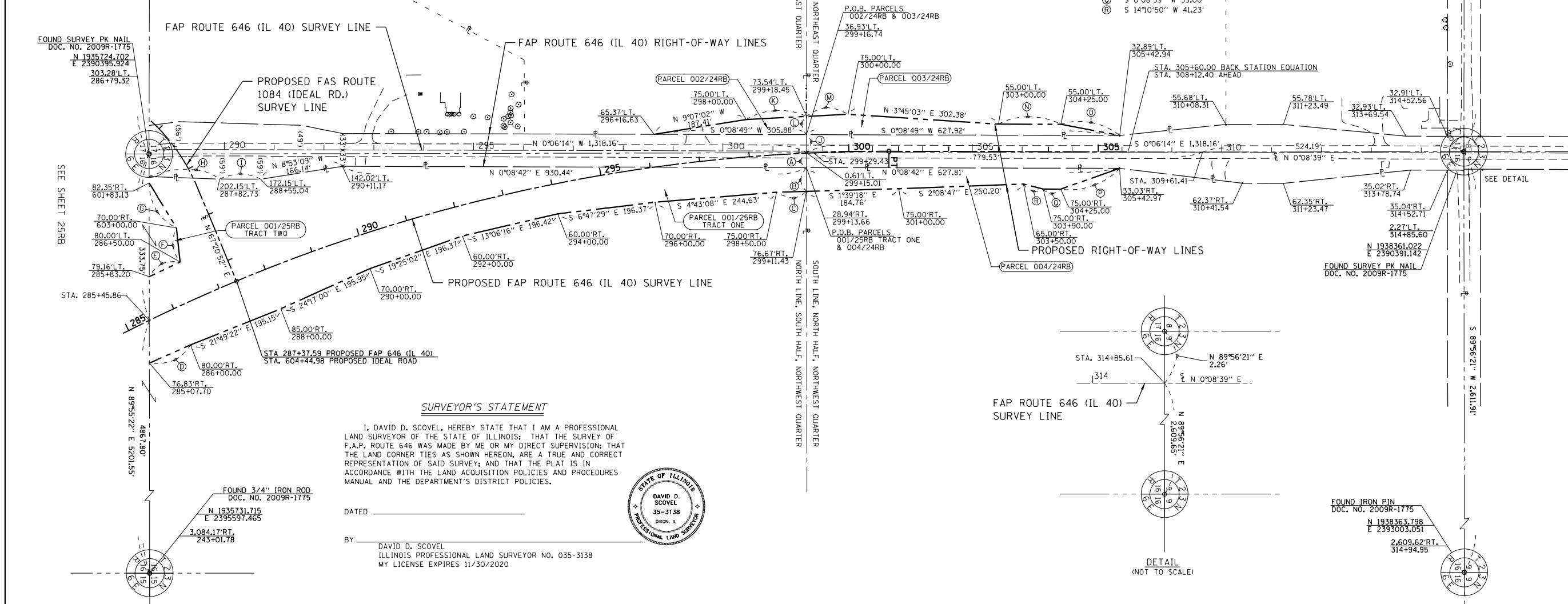
2,612.03'L.T.
314+82.49
N 1938364.483
E 2387781.384
SET 5/8" IR W/ 1/00T CAP
DOC. NO. 2016R-2164

**PROPOSED FAS ROUTE 1084
(IDEAL ROAD) CURVE DATA**
PI STA. = 600+50.10
 $\Delta = 65^\circ 45' 52''$ (RT)
D = 15° 04' 40"
R = 380.00'
T = 245.67'
L = 436.17'
E = 72.49'
P.C. STA. = 598+04.44
P.T. STA. = 602+40.60

**PROPOSED
FAP ROUTE 646 (IL 40)
CURVE DATA**
PI STA. = 285+23.47
 $\Delta = 58^\circ 33' 15''$ (RT)
D = 1° 41' 52"
R = 3,375.00'
T = 1,892.19'
L = 3,449.12'
E = 494.24'
P.C. STA. = 266+31.28
P.T. STA. = 300+80.40

LINE TABLE

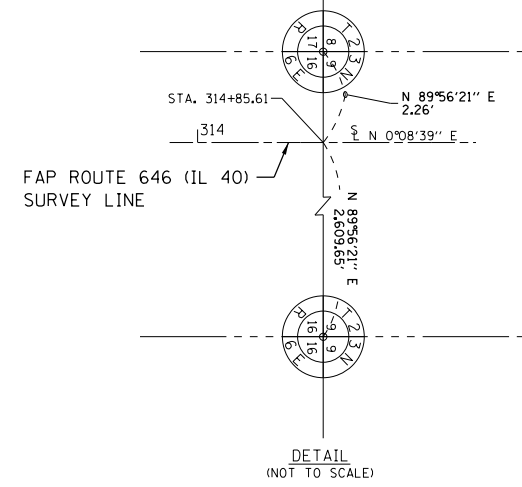
(A)	N 89°55'51" E 29.58'
(B)	N 89°55'51" E 47.78'
(C)	S 1°39'18" E 60.07'
(D)	S 23°45'33" E 90.21'
(E)	N 25°24'44" W 68.38'
(F)	S 83°53'59" W 69.00'
(G)	S 58°45'19" W 105.43'
(H)	N 2°01'21" E 141.64'
(I)	N 0°10'57" E 82.00'
(J)	N 89°54'18" W 36.36'
(K)	N 2°55'06" W 121.06'
(L)	S 89°54'18" E 36.64'
(M)	N 2°55'06" W 83.36'
(N)	N 0°08'39" E 125.00'
(O)	N 10°45'36" E 119.99'
(P)	S 19°26'22" E 125.21'
(Q)	S 0°08'39" W 35.00'
(R)	S 14°10'50" W 41.23'



SURVEYOR'S STATEMENT
I, DAVID D. SCOVEL, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF F.A.P. ROUTE 646 WAS MADE BY ME OR MY DIRECT SUPERVISION; THAT THE LAND CORNER TIES AS SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY; AND THAT THE PLAT IS IN ACCORDANCE WITH THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL AND THE DEPARTMENT'S DISTRICT POLICIES.



DATED _____
BY DAVID D. SCOVEL
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-3138
MY LICENSE EXPIRES 11/30/2020



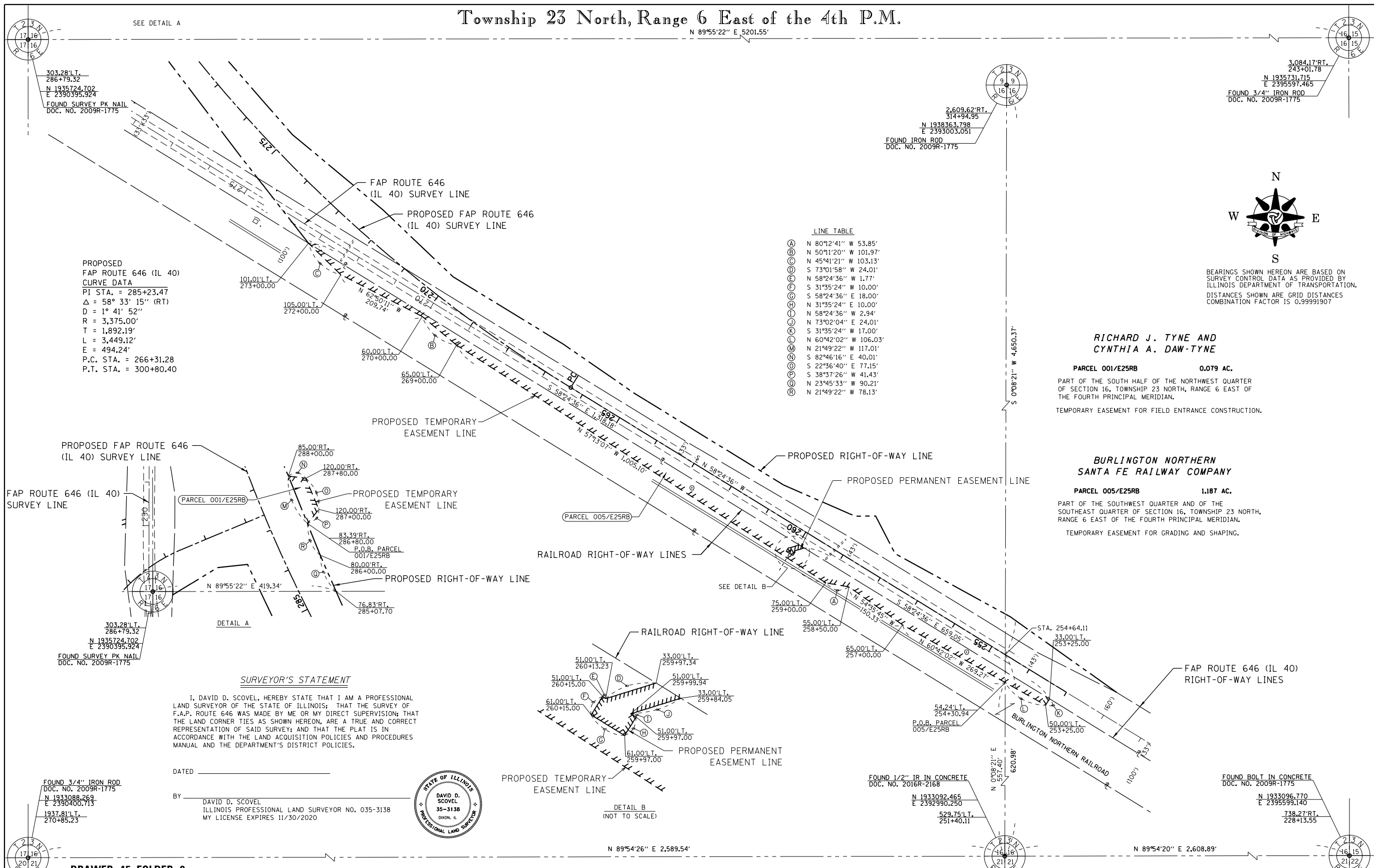
wendler GROUND BREAKING SOLUTIONS engineers - surveyors - scientists www.wendlergs.com ph: 815.288.2261 WENDLER ENGINEERING SERVICES, INC. Illinois Professional Design Firm No. 184-000848	DESIGNED - DS	REVISED - 1/4/2019	ILLINOIS DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY PLAT	FAP ROUTE 646	SECTIONS 16 AND 17	COUNTY CARROLL	JOB# R-92-004-13
	DRAWN - BH	REVISED -		SEC 5T-2	T 23 N, R 6 E OF 4TH P.M.	PROJECT#	
	CHECKED - DV	REVISED -		SCALE: 1"=100'	SHEET NO. 24RB	STA 285+00 TO STA 316+00	CONTRACT NO.
	DATE - 10/06/2017	REVISED -					

FILE NAME = F:\2012\Jobs\2120237\Geopak\0206811-RightOfWay.dgn	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY IL ROUTE 40	SCALE:	SHEET 98 OF 197 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT
Default	PLOT DATE = 11/12/2019	DRAWN -	REVISED -						

F.A.S. RTE. 1084	SECTION 03-00083-00-BR	COUNTY CARROLL	TOTAL SHEETS 197	SHEET NO. 98
CONTRACT NO. 85645				

Township 23 North, Range 6 East of the 4th P.M.

N 89°55'22" E 5201.55'



PROPOSED FAP ROUTE 646 (IL 40) CURVE DATA
 PI STA. = 285+23.47
 Δ = 58° 33' 15" (RT)
 D = 1° 41' 52"
 R = 3,375.00'
 T = 1,892.19'
 L = 3,449.12'
 E = 494.24'
 P.C. STA. = 266+31.28
 P.T. STA. = 300+80.40

LINE TABLE

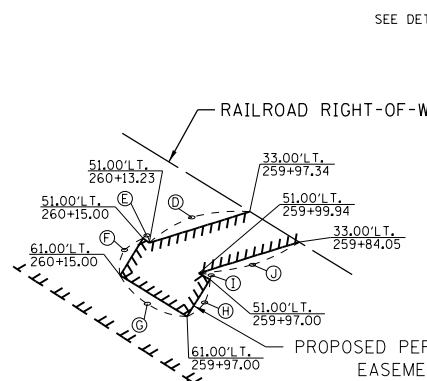
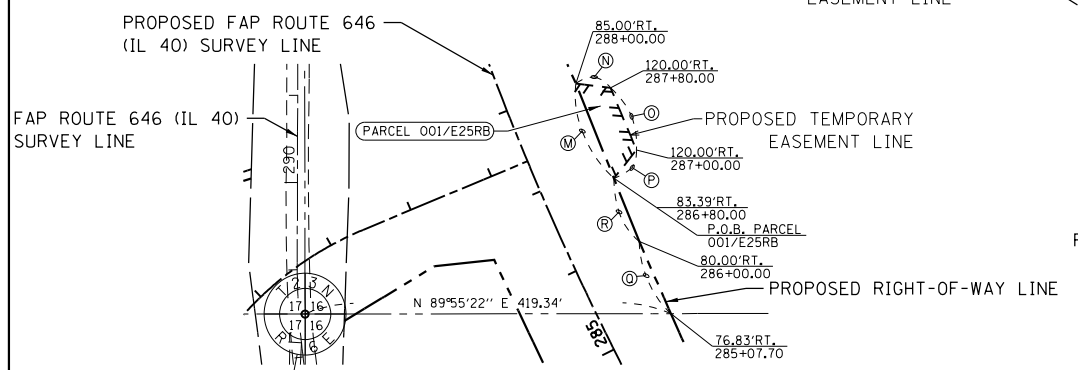
(A)	N 80°12'41" W 53.85'
(B)	N 50°11'20" W 101.97'
(C)	N 45°41'21" W 103.13'
(D)	S 73°01'58" W 24.01'
(E)	N 58°24'36" W 1.77'
(F)	S 31°35'24" W 10.00'
(G)	S 58°24'36" E 18.00'
(H)	N 31°35'24" E 10.00'
(I)	N 58°24'36" W 2.94'
(J)	N 73°02'04" E 24.01'
(K)	S 31°35'24" W 17.00'
(L)	N 60°42'02" W 106.03'
(M)	N 21°49'22" W 117.01'
(N)	S 82°46'16" E 40.01'
(O)	S 22°36'40" E 77.15'
(P)	S 38°37'26" W 41.43'
(Q)	N 23°45'33" W 90.21'
(R)	N 21°49'22" W 78.13'

N
W **E**
S

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY ILLINOIS DEPARTMENT OF TRANSPORTATION. DISTANCES SHOWN ARE GRID DISTANCES COMBINATION FACTOR IS 0.99991907

RICHARD J. TYNE AND CYNTHIA A. DAW-TYNE
 PARCEL 001/E25RB 0.079 AC.
 PART OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.
 TEMPORARY EASEMENT FOR FIELD ENTRANCE CONSTRUCTION.

BURLINGTON NORTHERN SANTA FE RAILWAY COMPANY
 PARCEL 005/E25RB 1.187 AC.
 PART OF THE SOUTHWEST QUARTER AND OF THE SOUTHEAST QUARTER OF SECTION 16, TOWNSHIP 23 NORTH, RANGE 6 EAST OF THE FOURTH PRINCIPAL MERIDIAN.
 TEMPORARY EASEMENT FOR GRADING AND SHAPING.



SURVEYOR'S STATEMENT
 I, DAVID D. SCOVEL, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF F.A.P. ROUTE 646 WAS MADE BY ME OR MY DIRECT SUPERVISION; THAT THE LAND CORNER TIES AS SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY; AND THAT THE PLAT IS IN ACCORDANCE WITH THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL AND THE DEPARTMENT'S DISTRICT POLICIES.

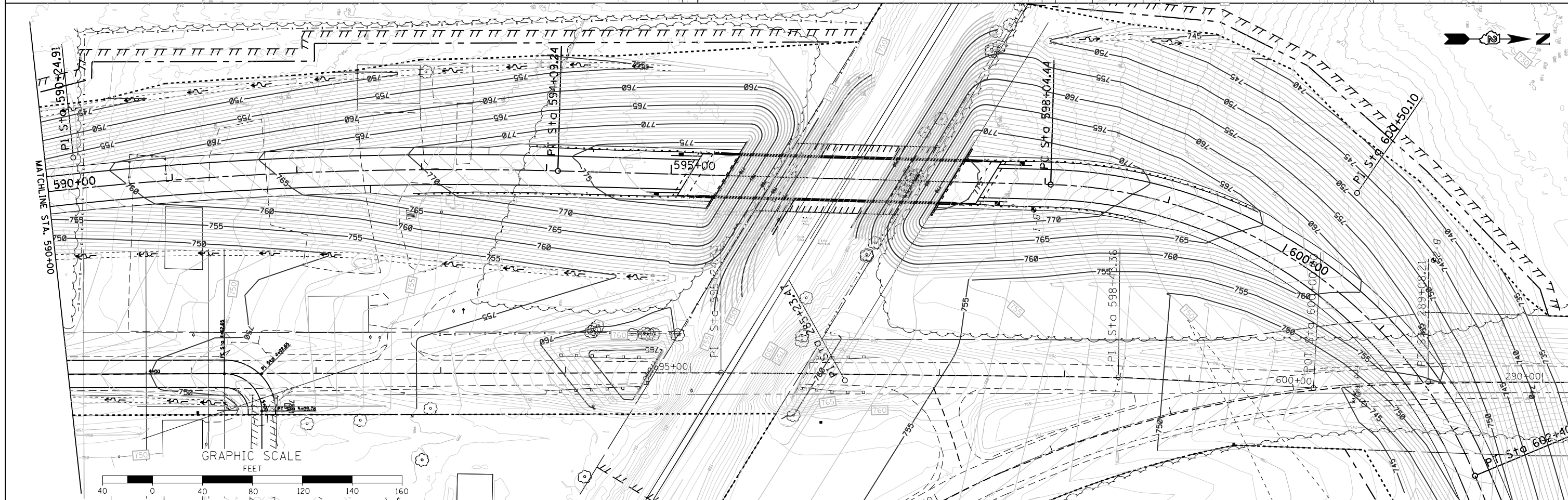
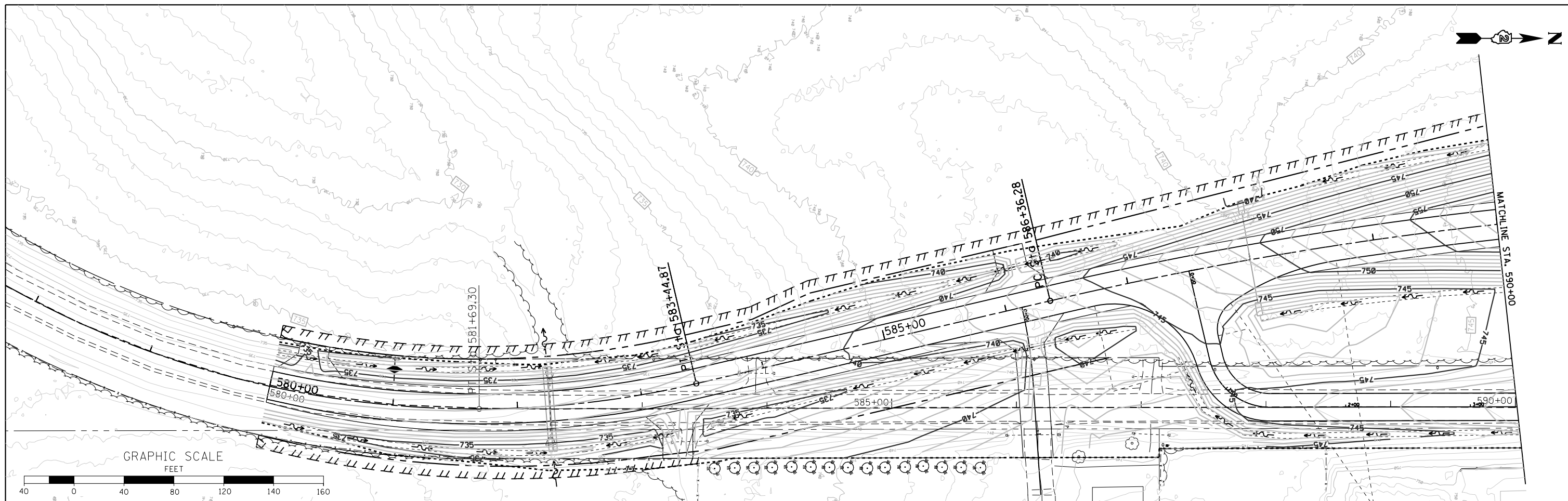
DATED _____
 BY DAVID D. SCOVEL
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-3138
 MY LICENSE EXPIRES 11/30/2020



DRAWER 45 FOLDER 2

wendler GROUND BREAKING SOLUTIONS engineers - surveyors - scientists www.wendlergs.com ph: 815.288.2261 WENDLER ENGINEERING SERVICES, INC. Illinois Professional Design Firm No. 184-000848	DESIGNED - DDS	REVISED - 1/4/2019	ILLINOIS DEPARTMENT OF TRANSPORTATION EASEMENT PLAT	FAP ROUTE 646	SECTION 16	COUNTY CARROLL	JOB# R-92-004-13
	DRAWN - BEH	REVISED -		SCALE: 1"=100'	SEC 5T-2	T 23 N, R 6 E OF 4TH P.M.	PROJECT#
	CHECKED - DJV	REVISED -				STA 251+00	TO STA 277+50
	DATE - 10/18/2017	REVISED -					CONTRACT NO.

FILE NAME = F:\2012\Jobs\2120237\Geopak\0206811-Right of Way.dgn	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY EASEMENTS IL ROUTE 40	F.A.S. RTE. 1084	SECTION 03-00083-00-BR	COUNTY CARROLL	TOTAL SHEETS 197	SHEET NO. 99
Default	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -			SCALE:	SHEET 99 OF 197 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 85645
	PLOT DATE = 11/12/2019	DATE -	REVISED -							



FILE NAME = F:\2012\Jobs\2120237\Geopak\0206811-Grading.dgn	USER NAME = Bryan.Hartmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GRADING PLAN IDEAL ROAD			F.A.P. RT. 646	SECTION 03-00083-00-BR	COUNTY CARROLL	TOTAL SHEETS 197	SHEET NO. 100
Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -		SCALE: 1"=40'	SHEET 100	OF 197 SHEETS	STA. 578+00	TO STA. 602+00	JOB *C-92-067-06 CONTRACT NO. 85645		
	PLOT DATE = 11/12/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							