

SUBSURFACE UTILITY ENGINEERING (S.U.E.)  
UTILIZED ON THIS PROJECT

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

**PROJECT LOCATED IN HAMPSHIRE TOWNSHIP**

US ROUTE 20  
POSTED SPEED LIMIT = 55mph

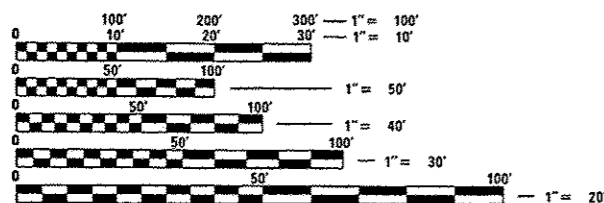
ALLEN ROAD  
POSTED SPEED LIMIT = 55mph

BRIER HILL ROAD  
POSTED SPEED LIMIT = 20mph

US ROUTE 20 FUNCTIONAL CLASSIFICATION:  
OTHER PRINCIPAL ARTERIAL  
ADT = 6,800

ALLEN ROAD FUNCTIONAL CLASSIFICATION:  
MINOR ARTERIAL  
ADT = 3,750

BRIER HILL ROAD FUNCTIONAL CLASSIFICATION:  
COLLECTOR (URBAN)  
ADT = 1,100



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

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

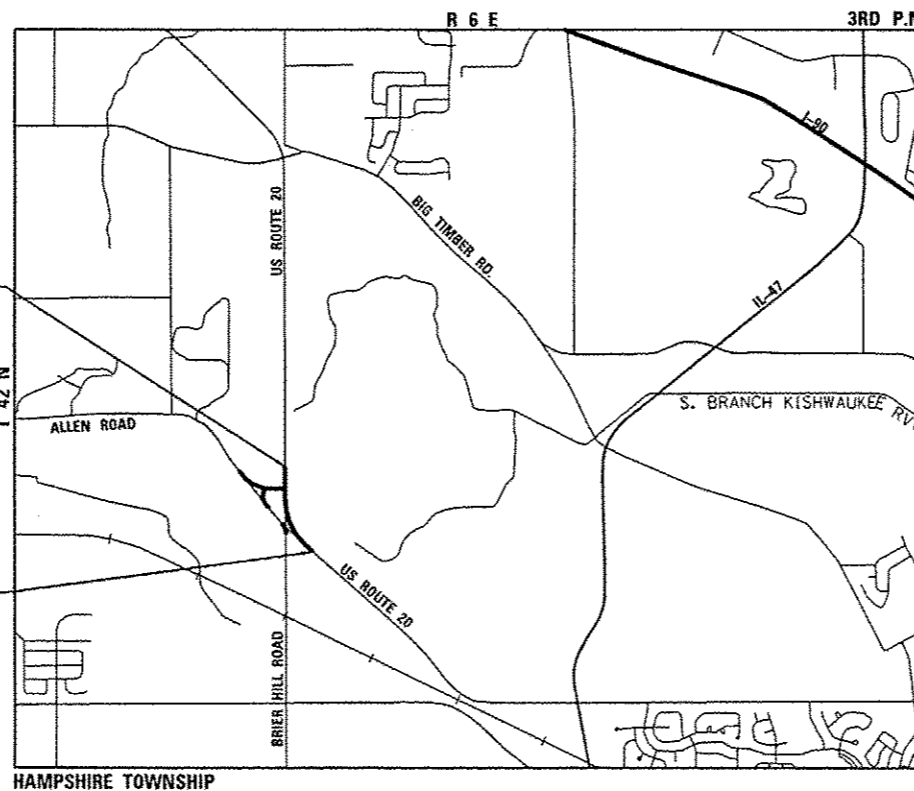
PROJECT ENGINEER: MARC GRIGAS, P.E. (STRAND) (815) 744-4200  
PROJECT MANAGER: KEN ENG, P.E. (IDOT) (847) 705-4247

CONTRACT NO. 60T27

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAP 345 (US ROUTE 20)  
SECTION: 10N-1  
AT ALLEN ROAD / BRIER HILL ROAD  
INTERSECTION RECONSTRUCTION  
PROJECT: ACHSIP-0345(061)  
KANE COUNTY  
C-91-315-12



GROSS + NET LENGTH = 2,040 FT. = 0.386 MILE

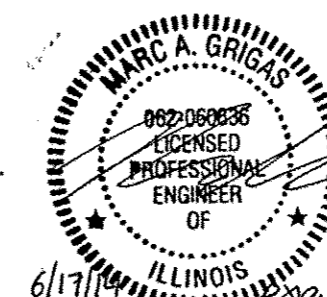
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	1
ILLINOIS			CONTRACT NO. 60T27	

D-91-315-12



LOCATION OF SECTION INDICATED THUS: - [arrow] -

**SA STRAND ASSOCIATES\***  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
IDFPR NO. 184-001273



6/17/14 exp. 11/30/15

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED: June 30 20 14

John D. Baranzelli P.E.  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

John D. Baranzelli P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

Oct 17 20 14

Omor Osman P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

MARC A. GRIGAS, P.E.


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- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME: s:\n\6328-639\624\635\macro\CAD Sheets\0150127-01.tbl.tbl.dgn

 <p>1170 SOUTH HOLSOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200</p>	USER NAME = dennlew	DESIGNED - JLB	REVISED -	<p><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>GENERAL NOTES</b></p>	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL NAME = Default	DRAWN - BJF DJW	REVISED -			345	10M-1	KANE	187	2
	PLOT SCALE = 2.0000' / 1" =	CHECKED - MAG	REVISED -	CONTRACT NO. 60T27						
	PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -	ILLINOIS FED. AID PROJECT						
						SCALE:	SHEET	OF	SHEETS	STA. TO STA.

**GENERAL NOTES**


1. ALL CONSTRUCTION SHALL BE DONE ACCORDING TO THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JAN. 1, 2012, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2014, THE DETAILS IN THESE PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
2. THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
3. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
5. THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM AND IS RESPONSIBLE FOR ANY DAMAGE CAUSED.
6. THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES.
7. 48 HOURS PRIOR TO THE START OF ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E., KANE COUNTY, AND HAMPSHIRE TOWNSHIP FOR VERIFICATION OF ALL UTILITY LOCATIONS IN THE FIELD.
8. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
9. THE CONTRACTOR SHALL COORDINATE WITH ALL ABOVE AND UNDERGROUND UTILITY COMPANIES IF UTILITIES NEED TO BE RELOCATED.
10. THE CONTRACTOR SHALL ENSURE ALL PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK.
11. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKER MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DISRUPTED BY THEIR OPERATIONS.
12. THE CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED AT ALL TIMES DURING AND AFTER THE CONSTRUCTION. THIS WORK SHALL BE INCLUDED FOR THE CONTRACT UNIT PRICE FOR THE APPLICABLE DRAINAGE ITEMS.
13. THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER LINEAL FOOT FOR "STEEL PLATE BEAM GUARDRAIL REMOVAL."
14. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
15. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL PRIVATE AND COMMERCIAL PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
16. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
17. USE #8 EPOXY-COATED TIE BARS, CONFORMING TO ART. 1006.10 OF THE STANDARD SPECIFICATION, FOR ALL TIE BARS BETWEEN TRAVEL LANES. USE THE "LONGITUDINAL CONSTRUCTION JOINT (TIE BAR GROUTED IN PLACE)" DETAIL SHOWN ON HIGHWAY STANDARD 420001 FOR ALL LONGITUDINAL JOINTS AS SHOWN IN THE PLANS.
18. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT OF UNSTABLE SOILS WITH AGGREGATE SUBGRADE IMPROVEMENT SHOULD BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER OR SOILS INSPECTOR. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND THE UNDERCUT GUIDE LINES IN THE IDOT SUBGRADE STABILITY MANUAL. ANY MATERIAL NOT NEEDED AT THE TIME OF CONSTRUCTION FOR UNDERCUT REPLACEMENT SHOULD BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.
19. ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
20. ALL STORM SEWER AND CULVERTS SHALL BE O-RING GASKETED OR EQUAL CONFORMING TO ASTM C443. THIS WORK SHALL BE INCLUDED IN THE COST FOR STORM SEWERS OF THE CLASS, TYPE AND SIZE SPECIFIED.
21. LAYOUT AND STAKING FOR ALL CONSTRUCTION OPERATIONS SHALL BE PROVIDED BY THE CONTRACTOR.
22. TOP SOIL SHALL BE FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER AND FREE OF ROOT STUMPS, STONES AND OTHER MATERIAL HARMFUL TO PLANT GROWTH. TOP SOIL MUST MEET REQUIREMENTS OF ARTICLE 1081.05.
23. CLEARING OF BRUSH, BUSHES AND TREES WITH A DIAMETER LESS THAN 6" WILL NOT BE PAID FOR SEPARATELY PER SECTION 202 OF THE STANDARD SPECIFICATIONS.
24. WHERE SPECIFIED ON THE PLANS, OR DIRECTED BY THE ENGINEER, TRIMMING OF VEGETATION WILL BE CONSIDERED TO BE CLEARING AND NOT MEASURED FOR PAYMENT.
25. THE COST OF CONNECTING EXISTING STORM SEWER/PIPE CULVERTS TO THE PROPOSED DRAINAGE SYSTEM AND/OR CONNECTING PROPOSED STORM SEWER/PIPE CULVERTS TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED DRAINAGE STRUCTURE AND/OR THE COST OF THE PROPOSED STORM SEWER/PIPE CULVERTS. ALL NECESSARY ADDITIONAL PIPE USED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR STORM SEWER/PIPE CULVERTS OF THE SIZE REQUIRED.
26. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR CATCH BASINS. CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT ROADSIDE DRAINAGE SYSTEM IS BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
27. PROPOSED END SECTIONS SHALL BE SLOPED TO MATCH THE PROPOSED CULVERTS AND STORM SEWER AND CULVERT PIPE SLOPES. STORM SEWER PIPE LENGTHS IN SCHEDULES INCLUDE THE LENGTH OF END SECTION WHERE APPLICABLE. DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENT SHALL BE AS DIRECTED BY THE ENGINEER. PROPOSED RIM ELEVATIONS SHOWN FOR DRAINAGE STRUCTURES IN THE GUTTER REFERENCE THE PROPOSED EDGE OF PAVEMENT ELEVATION.
28. UNLESS OTHERWISE NOTED, LOCATIONS SHOWN ON THE PLANS ARE TO THE CENTER OF GUTTER FOR GRATES IN THE CURB AND GUTTER AND TO THE CENTER OF THE GRATE/LID FOR ALL OTHER STRUCTURES. FLAT TOPS AND CONES ARE TO BE TURNED SO THAT THE FRAME IS CLOSEST TO THE CENTER LINE OF THE ROAD, UNLESS OTHERWISE NOTED ON THE STRUCTURE IN THE PLANS. ALL FLAT TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
29. ALL EXISTING AND TEMPORARY SUBSURFACE DRAINS AND/OR FIELD TILES AND THERE HEADWALLS ENCOUNTERED IN THE ROADWAY EXCAVATION SHALL BE REMOVED AND CONSIDERED TO BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CAPPING THE EXISTING SUBSURFACE DRAINS OR CONNECTING TO THE PROPOSED DITCHES AT THE LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
30. UNDERDRAIN MINIMUM SLOPES SHALL BE 0.20% AND HAVE BEEN IDENTIFIED ON THE DRAINAGE PLAN AND PROFILE SHEETS. TRANSVERSE UNDERDRAINS SHALL MATCH THE CROSS SLOPE OF THE ROADWAY SURFACE. PIPE UNDERDRAINS SHALL BE INSTALLED 12 INCHES BELOW THE BOTTOM OF THE AGGREGATE SUBGRADE IMPROVEMENT. IN CERTAIN AREAS, THIS MAY NOT BE POSSIBLE DUE TO THE ELEVATION OF THE DITCH. THE PIPE UNDERDRAINS SHALL BE RAISED IN ORDER TO MAINTAIN POSITIVE FLOW INTO THE DITCH. REMOVAL OF PAVEMENT FOR INSTALLATION, ALL NECESSARY POROUS GRANULAR BACKFILL, AND FILTER FABRIC SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAIN.
31. REMOVAL OF END SECTIONS SHALL BE PAID PER FOOT UNDER PIPE CULVERT OR STORM SEWER REMOVAL.
32. THE PROPOSED DRAINAGE STRUCTURES AND PIPES SHALL BE PROTECTED IMMEDIATELY AFTER THEY ARE CONSTRUCTED UNTIL THE SURFACES THAT DRAIN TO THEM ARE FULLY PAVED OR VEGETATED.
33. ALL SIGN RELOCATIONS AND PROPOSED SIGNS SHALL BE PLACED IN THE LOCATION INDICATED IN THE SIGN SCHEDULE IN THE SCHEDULE OF QUANTITIES. ALL SIGNS SHALL BE INSTALLED ACCORDING TO THE MUTCD AND THE ILLINOIS STANDARD SPECIFICATIONS.
34. IT IS ASSUMED THAT THE TOP 18" OF THE EXISTING GROUND OUTSIDE THE PAVEMENT SHALL BE EXCAVATED, STOCKPILED, AND PLACED. QUANTITIES FOR THIS WORK ARE INCLUDED IN TOPSOIL EXCAVATION AND PLACEMENT.
35. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
36. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION, DIRECTION AND MEANS/METHOD OF CONSTRUCTION.
37. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
38. THE CONTRACTOR SHALL ERECT TREE PROTECTION AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOB SITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE". REMOVE TREE PROTECTION ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
39. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
40. THE CONTRACTOR SHALL ERECT A PERIMETER EROSION BARRIER AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOB SITE. NO WORK IS TO BE PERFORMED, MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "WETLAND PROTECTION ZONE". REMOVE PERIMETER EROSION BARRIER ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
41. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT:  
PROTECTED WETLAND - NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847)705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY STAKES AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PERIMETER EROSION BARRIER.
42. QUANTITIES AND ASSOCIATED PAY ITEMS FOR EARTHWORK, LANDSCAPE RESTORATION, AND EROSION CONTROL WERE DEVELOPED ACCORDING TO THE NECESSARY GRADING FOR THE PROJECT PROPOSED AS SHOWN IN THE CROSS SECTIONS. AREAS DISTURBED BEYOND THE SLOPE INTERCEPTS SHALL HAVE EROSION CONTROL AND LANDSCAPING RESTORATION ACCORDING TO THE ADJACENT REQUIREMENTS SHOWN IN THE PLANS. THE GROUND SHALL BE GRADED AND RESTORED TO MATCH THE EXISTING PRE-CONSTRUCTION CONDITIONS. ALL WORK DESCRIBED ABOVE BEYOND THE SLOPE INTERCEPTS WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION.
43. GRADING AND SHAPING DITCHES WILL NOT BE PAID FOR SEPARATELY AND SHOULD BE INCLUDED IN THE COST OF EARTH EXCAVATION.
44. ALL SAW CUTS SHALL BE INCLUDED IN THE COST OF THE VARIOUS REMOVAL ITEMS.
45. THE TIE BARS AT THE LONGITUDINAL CONSTRUCTION JOINT BETWEEN THE PCC SHOULDER AND THE PCC PAVEMENT SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST PER SQUARE YARD OF THE PCC SHOULDER.
46. THE TIE BARS AT THE LONGITUDINAL CONSTRUCTION JOINT BETWEEN PCC PAVEMENT SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST PER SQUARE YARD OF THE PCC PAVEMENT.
47. THE HOLES CREATED IN THE NEW PCC PAVEMENT FROM PINNING THE TEMPORARY IMPACT ATTENUATORS AND TEMPORARY CONCRETE BARRIERS SHALL BE FILLED WITH GROUT. FILLING THE HOLES WITH GROUT SHALL BE INCLUDED IN THE COST OF IMPACT ATTENUATORS, TEMPORARY AND TEMPORARY CONCRETE BARRIER.
48. BELOW ARE CONTACT DETAILS FOR VARIOUS BUSINESSES AND UTILITIES THAT WILL BE AFFECTED BY THE PROJECT.  
  
AGENCY - CONTACT PERSON - TELEPHONE  
  
NICOR - CONSTANCE LANE 630-388-3830  
AT&T - VALENTE ALEGRO 847-888-6610  
COMED - NORA FERNANDEZ 815-490-2335  
MEDIACOM - MATT FORCAS 815-597-2103
49. TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT MR. DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER AT (847) 741-9857.
50. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

**COMMITMENTS**

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

☐ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

FILE NAME: I:\11\1628 - 0399\B345\05A\11\1628\0600\_Sheet 10 (6/17/14).dgn

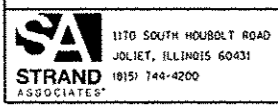
 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw MODEL NAME = Default PLOT SCALE = 2.0000 / 1" = PLOT DATE = 7/1/2014	DESIGNED - JLB DRAWN - BJF DJW CHECKED - MAG DATE - 6/17/14	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE. 345 SECTION 10N-1 COUNTY KANE TOTAL SHEETS 187 SHEET NO. 3 CONTRACT NO. 60T27	SCALE: SHEET OF SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT
	DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.						

CONST CODE  
ROADWAY  
0003  
90% FED  
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	93	93
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	622	622
20101000	TEMPORARY FENCE	FOOT	3,309	3,309
20101100	TREE TRUNK PROTECTION	EACH	13	13
20200100	EARTH EXCAVATION	CU YD	17,860	17,860
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	22,715	22,715
20400800	FURNISHED EXCAVATION	CU YD	9,805	9,805
20800150	TRENCH BACKFILL	CU YD	390	390
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	26,840	26,840
• 25000210	SEEDING, CLASS 2A	ACRE	2.50	2.50
• 25000314	SEEDING, CLASS 4B	ACRE	1.25	1.25
• 25000324	SEEDING, CLASS 5B	ACRE	1.25	1.25
• 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	389	389
• 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	389	389

• SPECIALTY ITEM

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PLOT DATE : 7/1/2014

DESIGNED - JLB  
DRAWN - BJF DJW  
CHECKED - MAG  
DATE - 6/17/14

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	197	4
CONTRACT NO. 60127			ILLINOIS FED. AID PROJECT	

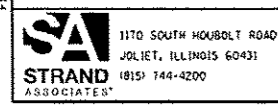


CONST CODE
ROADWAY 0003
90% FED 10% STATE
URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN
• 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	389	389
+ 25000750	MOWING	ACRE	28.00	28.00
• 25100105	MULCH, METHOD 1	ACRE	7.00	7.00
• 25100125	MULCH, METHOD 3	ACRE	17.50	17.50
• 25100630	EROSION CONTROL BLANKET	SQ YD	11,962	11,962
• 25200110	SODDING, SALT TOLERANT	SQ YD	13,377.75	13,377.75
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	2,045	2,045
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	7,308	7,308
28000305	TEMPORARY DITCH CHECKS	FOOT	924	924
28000400	PERIMETER EROSION BARRIER	FOOT	8,917	8,917
28000500	INLET AND PIPE PROTECTION	EACH	50	50
28000510	INLET FILTERS	EACH	16	16
28001000	AGGREGATE (EROSION CONTROL)	TON	177	177
28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	17,095	17,095

14  
 \* SPECIALTY ITEM  
 + 100% STATE (NP)

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PLOT DATE : 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

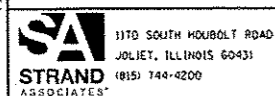
<b>SUMMARY OF QUANTITIES</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RATE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T27	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST CODE	
				ROADWAY 0003	URBAN
28100105	STONE RIPRAP, CLASS A3	SO YD	700	700	90% FED 10% STATE
28100107	STONE RIPRAP, CLASS A4	SO YD	183	183	
28200200	FILTER FABRIC	SO YD	1,390	1,390	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,280	1,280	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	25,476	25,476	
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	8,210	8,210	
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SO YD	6,089	6,089	
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SO YD	14,351	14,351	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SO YD	273	273	
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	683	683	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	941	941	
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	78	78	
<del>40600895</del>	<del>CONSTRUCTING TEST STRIP</del>	EACH	<del>1</del>	<del>1</del>	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	18	18	

• SPECIALTY ITEM



USER NAME = dennisaw  
 MODEL NAME = Default  
 PLOT SCALE = 2.0000 / in  
 PLOT DATE = 7/1/2014

DESIGNED - JLB  
 DRAWN - BJF DJW  
 CHECKED - MAG  
 DATE - 6/17/14

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

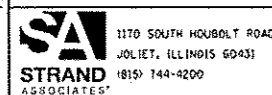
F.A.P. RIE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	6
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST CODE
				ROADWAY 0003
				90% FED 10% STATE
				URBAN
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	148	148
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	95	95
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	263	263
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	237	237
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	1753	1753
42000311	PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2" (JOINTED)	SQ YD	4,982	4,982
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SO YD	7018	7018
44000100	PAVEMENT REMOVAL	SO YD	23,896	23,896
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SO YD	960	960
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	931	931
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	842	842
44004250	PAVED SHOULDER REMOVAL	SO YD	1,831	1,831
48101202	AGGREGATE SHOULDERS, TYPE B	CU YD	205	205
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	188	188
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	707	707

14 • SPECIALTY ITEM

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1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 144-8200

USER NAME: dennis	DESIGNED: JLB	REVISED: -
MODEL NAME: Default	DRAWN: BJF DJW	REVISED: -
PLOT SCALE: 2.0000 / 1 in	CHECKED: MAG	REVISED: -
PLOT DATE: 7/1/2014	DATE: 6/17/14	REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T27	

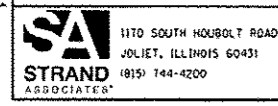
Rev.

CONST CODE  
ROADWAY  
0003  
90% FED  
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	405	405
48300310	PORTLAND CEMENT CONCRETE SHOULDERS 8 1/2"	SO YD	1,850	1,850
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SO YD	4220	4220
50105220	PIPE CULVERT REMOVAL	FOOT	651	651
54213447	END SECTIONS 12"	EACH	25	25
54213450	END SECTIONS 15"	EACH	23	23
54213459	END SECTIONS 24"	EACH	1	1
54214293	END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EACH	2	2
54214299	END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	4	4
54214305	END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	2	2
5421A015	PIPE CULVERTS, CLASS A, TYPE 1 15" (TEMPORARY)	FOOT	148	148
5421A024	PIPE CULVERTS, CLASS A, TYPE 1 24" (TEMPORARY)	FOOT	38	38
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	613	613
542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	91	91
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	164	164

14 • SPECIALTY ITEM

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PLOT DATE : 7/1/2014	DATE - 6/17/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET OF SHEETS STA. TO STA.

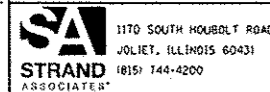
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	8
CONTRACT NO. 60127				
ILLINOIS FED. AID PROJECT				

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST CODE
				ROADWAY 0003
				90% FED 10% STATE
				URBAN
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	84	84
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,103	1,103
550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	124	124
55100500	STORM SEWER REMOVAL 12"	FOOT	1,052	1,052
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	11	11
60107600	PIPE UNDERDRAINS 4"	FOOT	440	440
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	181	181
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60236200	INLETS, TYPE A, TYPE 8 CRATE	EACH	13	13
60500040	REMOVING MANHOLES	EACH	1	1
60500060	REMOVING INLETS	EACH	18	18
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	842	842
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	16	16
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	36	36

111  
• SPECIALTY ITEM

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	9
			CONTRACT NO. 60T27	
ILLINOIS FED. AID PROJECT				



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST CODE	
				ROADWAY	URBAN
				0003	90% FED 10% STATE
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SD FT	119	119	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	4200	4200	
63200310	GUARDRAIL REMOVAL	FOOT	233	233	
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3	
67100100	MOBILIZATION	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	30	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	24	24	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,103	2,103	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	30,924	30,924	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	156	156	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SD FT	3,879	3,879	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,200	2,200	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	212.5	212.5	
70600275	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2	EACH	4	4	
70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	8	8	

\* SPECIALTY ITEM

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DATE - 6/17/14

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	10
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

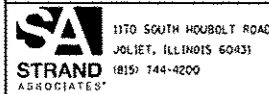
Rev.

CONST CODE  
ROADWAY  
0003  
90% FED  
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN
70600355	IMPACT ATTENUATORS, RELOCATE (SEVERE USE), TEST LEVEL 2	EACH	2	2
• 72000100	SIGN PANEL - TYPE 1	SO FT	281	281
• 72000200	SIGN PANEL - TYPE 2	SO FT	13	13
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	23	23
• 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3
• 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	16	16
• 73000100	WOOD SIGN SUPPORT	FOOT	474	474
• 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1	1
• 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22,009	22,009
• 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	39	39
• 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	182	182
• 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	17,390	17,390
• 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	545	545
• 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	184	184

14  
• SPECIALTY ITEM

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CHECKED - MAG  
DATE - 6/17/14

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

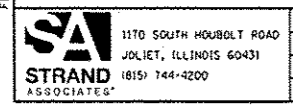
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	11
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

CONST CODE  
ROADWAY  
0003  
90% FED  
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	285	285
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	62	62
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1,700	1,700
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	187	187
78200530	BARRIER WALL MARKERS, TYPE C	EACH	176	176
78300100	PAVEMENT MARKING REMOVAL	SQ FT	3,291	3,291
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	26	26
A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4
A2004816	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	7	7
A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	13	13
A2005670	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	15	15
A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	21	21
A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	13	13
B2000964	TREE, AMELANCHIER LAEVIS (ALLEGHENY SERVICEBERRY), 5' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	18	18

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▪ SPECIALTY ITEM

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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	12
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

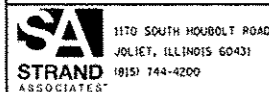


305

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST CODE
				ROADWAY 0003
				90% FED 10% STATE
				URBAN
X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	3	3
X4024100	TEMPORARY ACCESS (WINTERIZE)	SO YD	805	805
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	81,507	81,507
X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	5	5
X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	10,805	10,805
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	36	36
X7810300	RECESSED REFLECTIVE PAVMENT MARKER	EACH	76	76
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	216	216
Z0062456	TEMPORARY PAVEMENT	SO YD	10,201	10,201
Z0073345	SLEEPER SLAB	FOOT	417	417
Z0076600	TRAINEEES	HOUR		
Z0076604	TRAINEEES TRAINING PROGRAM GRADUATE	HOUR		

13 • SPECIALTY ITEM  
- 0042

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MODEL NAME : Default  
PLOT SCALE : 2.0000 / 1"  
PLOT DATE : 7/11/2014

DESIGNED - JLB  
DRAWN - BJF DJW  
CHECKED - MAG  
DATE - 6/17/14

REVISED -  
REVISED -  
REVISED -  
REVISED -

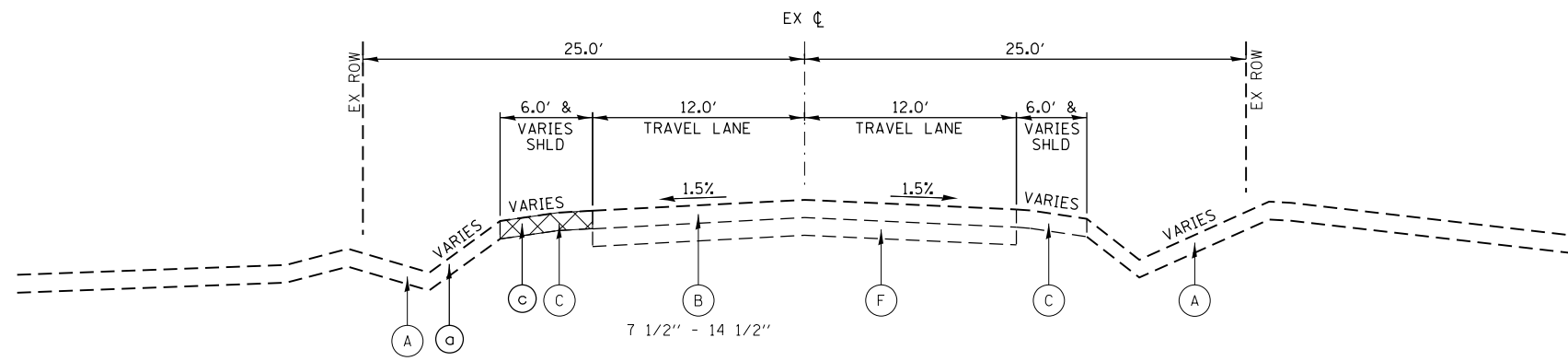
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

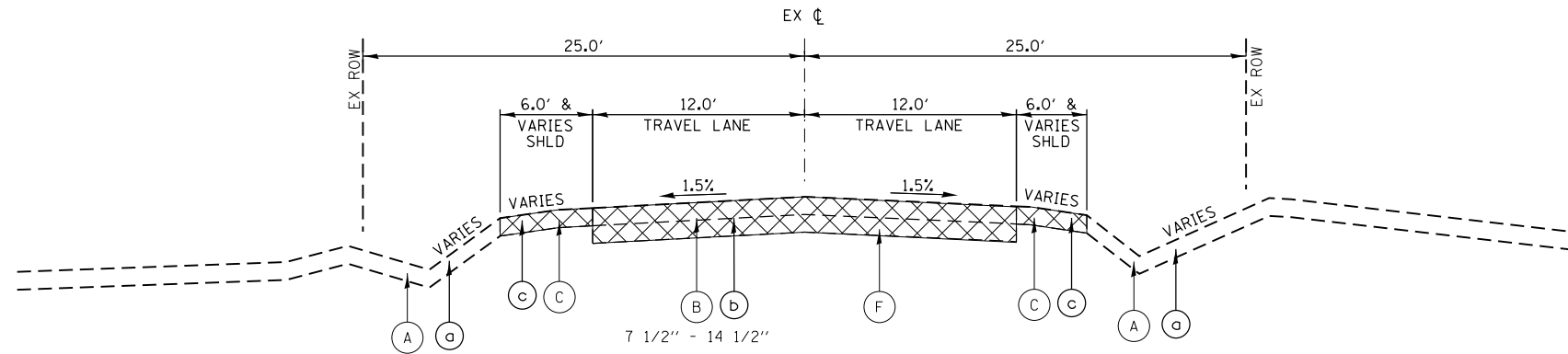
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T27	





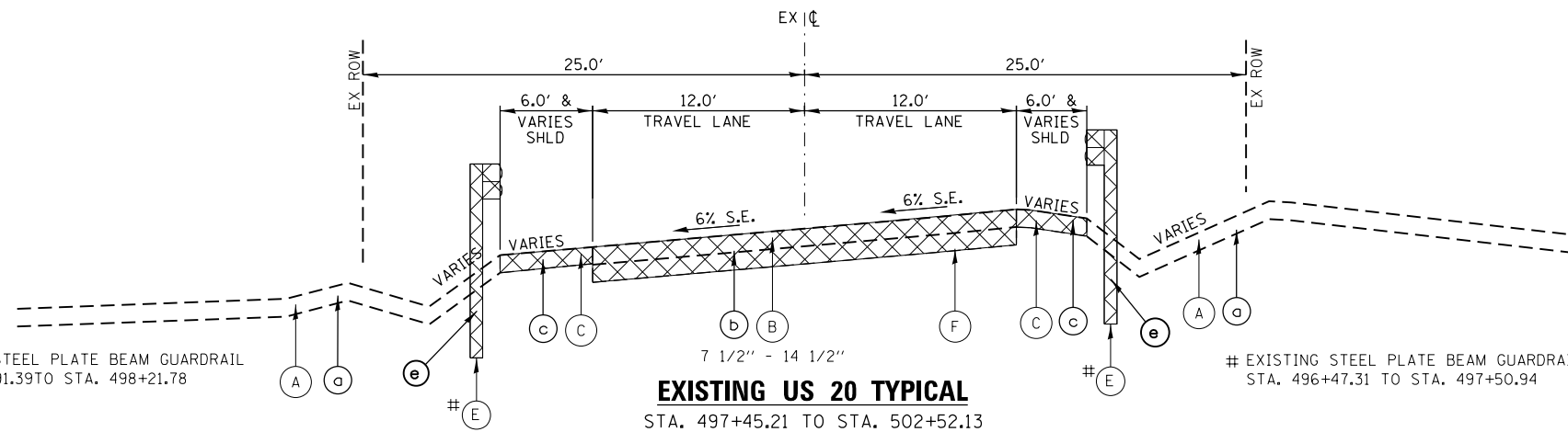
**EXISTING US 20 TYPICAL**

STA. 482+75.00 TO STA. 487+00.00  
 STA. 507+79.93 TO STA. 512+25.00



**EXISTING US 20 TYPICAL**

STA. 487+00.00 TO STA. 497+45.21  
 STA. 502+52.13 TO STA. 507+79.93

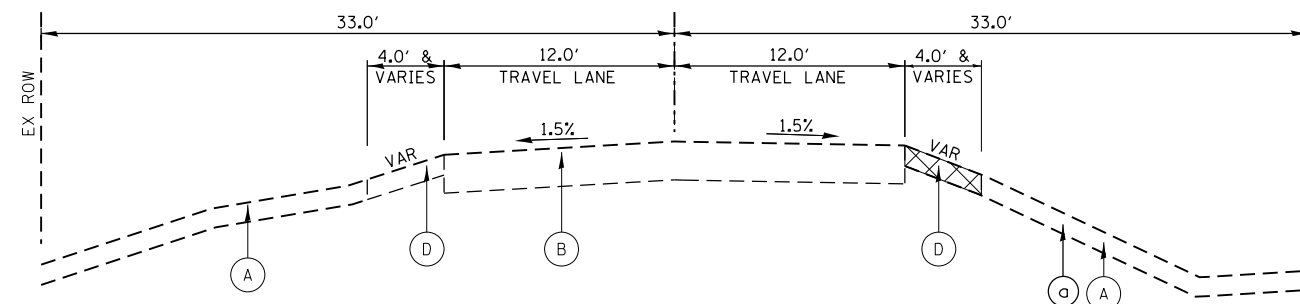


**EXISTING US 20 TYPICAL**

STA. 497+45.21 TO STA. 502+52.13

# EXISTING STEEL PLATE BEAM GUARDRAIL  
 STA. 496+91.39 TO STA. 498+21.78

# EXISTING STEEL PLATE BEAM GUARDRAIL  
 STA. 496+47.31 TO STA. 497+50.94



**EXISTING ALLEN ROAD**

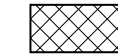
STA. 196+10.64 TO STA. 198+63.43

**EXISTING LEGEND**

- (A) 18" EXISTING TOPSOIL
- (B) EXISTING HMA PAVEMENT
- (C) EXISTING HMA SHOULDERS
- (D) EXISTING AGGREGATE SHOULDERS
- (E) EXISTING STEEL PLATE BEAM GUARDRAIL
- (F) EXISTING PCC PAVEMENT, VARIES 0" TO 6 1/2"

**REMOVAL LEGEND**

- (a) 18" TOPSOIL EXCAVATION
- (b) PAVEMENT REMOVAL
- (c) PAVED SHOULDER REMOVAL
- (d) HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- (e) GUARDRAIL REMOVAL



REMOVAL ITEMS

**PROPOSED LEGEND**

- 1 4" TOPSOIL PLACEMENT
- 2 SEEDING, CLASS 2A
- 3 SEEDING, CLASS 4, (MODIFIED)
- 4 SODDING, SALT TOLERANT
- 5 AGGREGATE SUBGRADE IMPROVEMENT 12"
- 6 SUBBASE GRANULAR MATERIAL, TYPE C 4"
- 7 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- 8 BITUMINOUS MATERIALS (PRIME COAT)
- 9 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- 10 3/4" AND VARIES, LEVELING BINDER (MACHINE METHOD), N70
- 11 3/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- 12 2 1/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
- 13 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90
- 14 PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2" (JOINTED)
- 15 PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- 16 AGGREGATE SHOULDERS, TYPE A 9"
- 17 AGGREGATE WEDGE SHOULDER, TYPE B
- 18 HOT-MIX ASPHALT SHOULDERS, 6"
- 19 PORTLAND CEMENT CONCRETE SHOULDERS 8 1/2"
- 20 PORTLAND CEMENT CONCRETE SHOULDERS 9"
- 21 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06
- 22 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- 23 CONCRETE MEDIAN SURFACE, 4 INCH
- 24 LONGITUDINAL CONSTRUCTION JOINT  
 DRILL AND GROUT No.6x24" EPOXY COATED TIE BARS AT 24" CTS
- 25 LONGITUDINAL CONSTRUCTION JOINT  
 DRILL AND GROUT No.8x24" EPOXY COATED TIE BARS AT 24" CTS
- 26 LONGITUDINAL SAWED JOINT  
 DRILL AND GROUT No.8x30" EPOXY COATED TIE BARS AT 30" CTS
- 27 PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 28 PORTLAND CEMENT CONCRETE SHOULDERS 8"

□ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS

FILE NAME = SA\JUL163800-6399\6346-054\Micro\CA000\_Sheets\0160727-ht-typical.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
 USER NAME = dennissw  
 MODEL NAME = Default  
 PLOT SCALE = 10.0000 "/ in.  
 PLOT DATE = 7/22/2014

DESIGNED - JLB  
 DRAWN - BJF DJW  
 CHECKED - MAG  
 DATE - 6/17/14

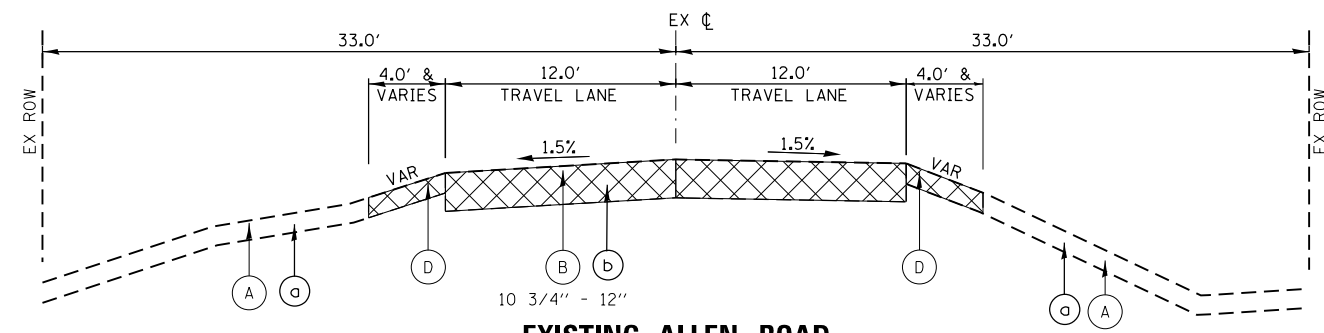
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 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

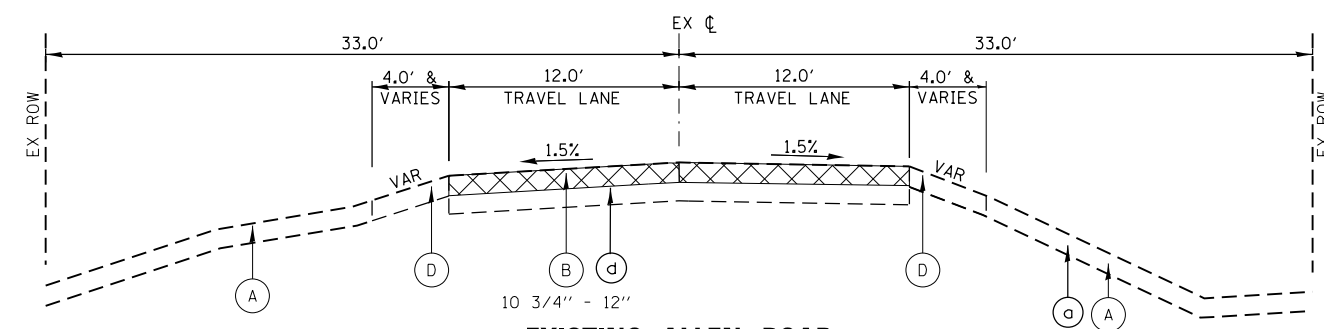
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T27	



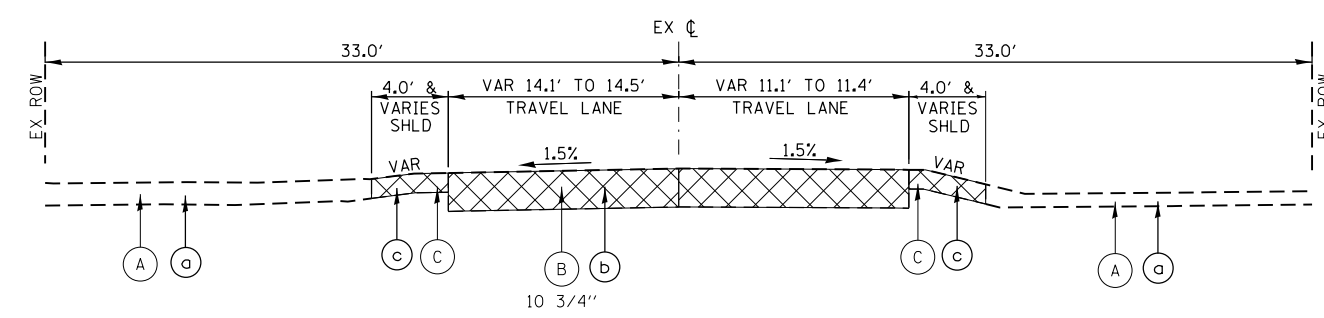
**EXISTING ALLEN ROAD**

STA. 198+63.43 TO STA. 208+81.00  
STA. 212+35.89 TO STA. 214+32.49



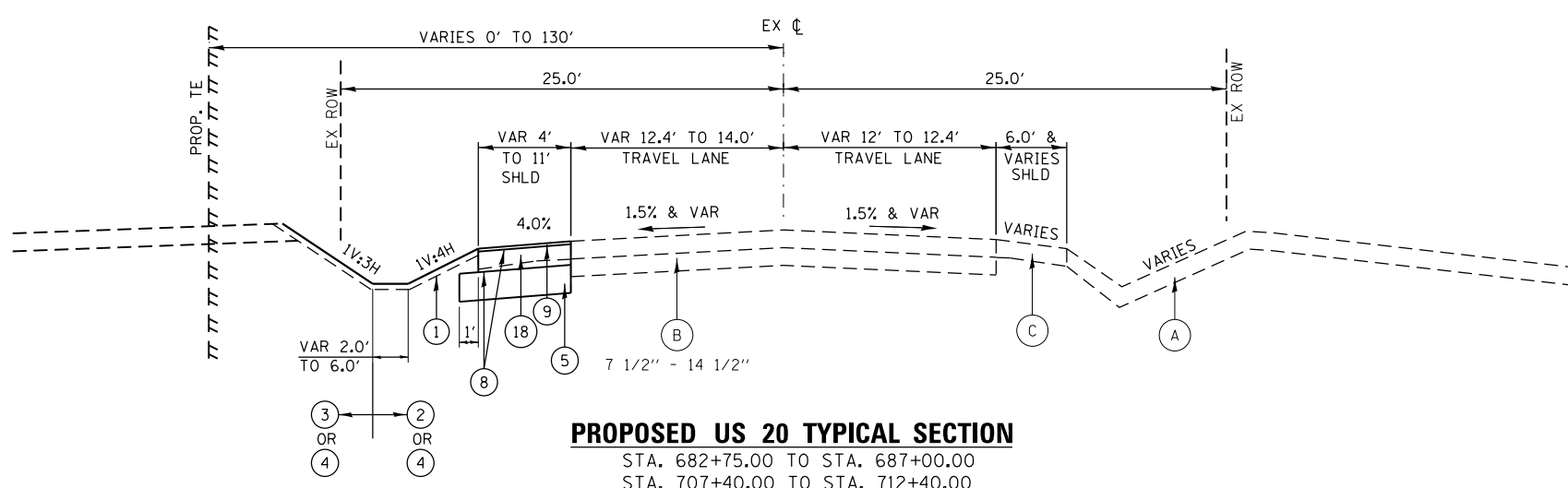
**EXISTING ALLEN ROAD**

STA. 208+81.00 TO STA. 212+35.89



**EXISTING BRIER HILL ROAD**

STA. 314+86.26 TO STA. 316+37.66



**PROPOSED US 20 TYPICAL SECTION**

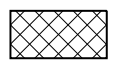
STA. 682+75.00 TO STA. 687+00.00  
STA. 707+40.00 TO STA. 712+40.00

**EXISTING LEGEND**

- (A) 18" EXISTING TOPSOIL
- (B) EXISTING HMA PAVEMENT
- (C) EXISTING HMA SHOULDERS
- (D) EXISTING AGGREGATE SHOULDERS
- (E) EXISTING STEEL PLATE BEAM GUARDRAIL
- (F) EXISTING PCC PAVEMENT, VARIES 0" TO 6 1/2"

**REMOVAL LEGEND**

- (a) 18" TOPSOIL EXCAVATION
- (b) PAVEMENT REMOVAL
- (c) PAVED SHOULDER REMOVAL
- (d) HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- (e) GUARDRAIL REMOVAL



REMOVAL ITEMS

**PROPOSED LEGEND**

- (1) 4" TOPSOIL PLACEMENT
- (2) SEEDING, CLASS 2A
- (3) SEEDING, CLASS 4, (MODIFIED)
- (4) SODDING, SALT TOLERANT
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (7) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (8) BITUMINOUS MATERIALS (PRIME COAT)
- (9) 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- (10) 3/4" AND VARIES, LEVELING BINDER (MACHINE METHOD), N70
- (11) 3/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- (12) 2/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
- (13) 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90
- (14) PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2" (JOINTED)
- (15) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (16) AGGREGATE SHOULDERS, TYPE A 9"
- (17) AGGREGATE WEDGE SHOULDER, TYPE B
- (18) HOT-MIX ASPHALT SHOULDERS, 6"
- (19) PORTLAND CEMENT CONCRETE SHOULDERS 8 1/2"
- (20) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) CONCRETE MEDIAN SURFACE, 4 INCH
- (24) LONGITUDINAL CONSTRUCTION JOINT  
DRILL AND GROUT No.6x24" EPOXY COATED TIE BARS AT 24" CTS
- (25) LONGITUDINAL CONSTRUCTION JOINT  
DRILL AND GROUT No.8x24" EPOXY COATED TIE BARS AT 24" CTS
- (26) LONGITUDINAL SAWED JOINT  
DRILL AND GROUT No.8x30" EPOXY COATED TIE BARS AT 30" CTS
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDERS 8"

☐ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS

FILE NAME = S:\JUL\63800-6399\6346\054\Micro\CA000\_Sheets\0160727-sh-typiccal.dgn



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennissw  
MODEL NAME = Default  
PLOT SCALE = 10.0000 "/>

DESIGNED - JLB  
DRAWN - BJF DJW  
CHECKED - MAG  
DATE - 6/17/14

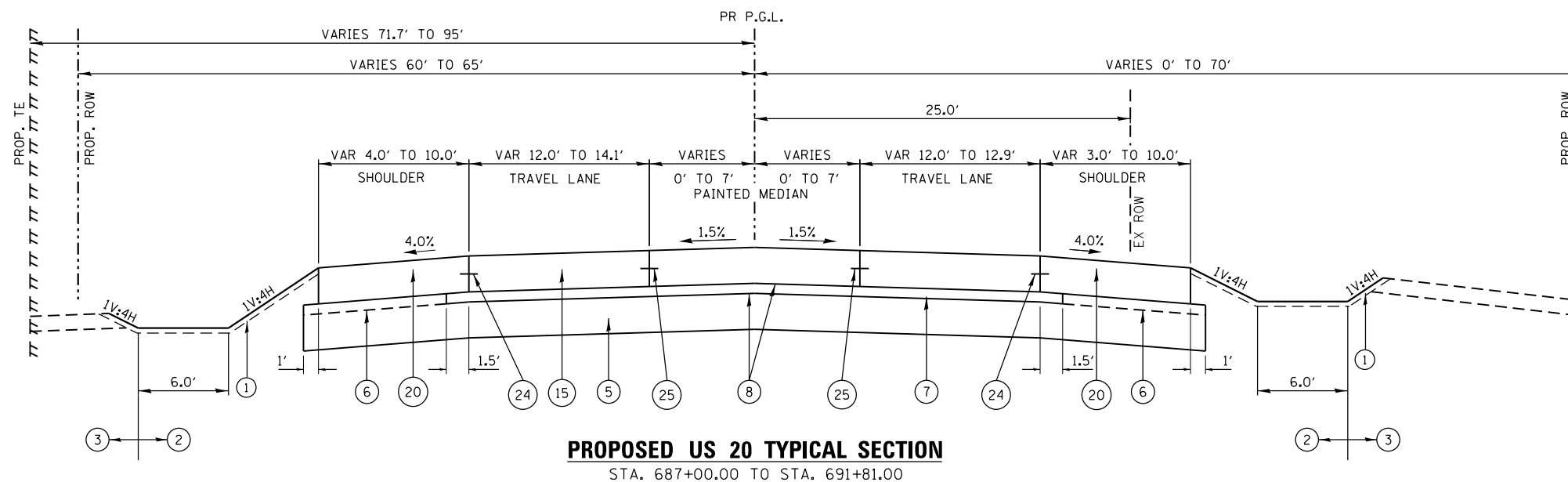
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REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	16
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



**PROPOSED US 20 TYPICAL SECTION**  
STA. 687+00.00 TO STA. 691+81.00

**EXISTING LEGEND**

- (A) 18" EXISTING TOPSOIL
- (B) EXISTING HMA PAVEMENT
- (C) EXISTING HMA SHOULDERS
- (D) EXISTING AGGREGATE SHOULDERS
- (E) EXISTING STEEL PLATE BEAM GUARDRAIL
- (F) EXISTING PCC PAVEMENT, VARIES 0" TO 6 1/2"

**REMOVAL LEGEND**

- (a) 18" TOPSOIL EXCAVATION
- (b) PAVEMENT REMOVAL
- (c) PAVED SHOULDER REMOVAL
- (d) HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- (e) GUARDRAIL REMOVAL



REMOVAL ITEMS

**PROPOSED LEGEND**

- ① 4" TOPSOIL PLACEMENT
- ② SEEDING, CLASS 2A
- ③ SEEDING, CLASS 4, (MODIFIED)
- ④ SODDING, SALT TOLERANT
- ⑤ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑦ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ⑧ BITUMINOUS MATERIALS (PRIME COAT)
- ⑨ 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- ⑩ 3/4" AND VARIES, LEVELING BINDER (MACHINE METHOD), N70
- ⑪ 3/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- ⑫ 2 1/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
- ⑬ 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90
- ⑭ PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2" (JOINTED)
- ⑮ PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- ⑯ AGGREGATE SHOULDERS, TYPE A 9"
- ⑰ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑱ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑲ PORTLAND CEMENT CONCRETE SHOULDERS 8 1/2"
- ⑳ PORTLAND CEMENT CONCRETE SHOULDERS 9"
- ㉑ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06
- ㉒ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- ㉓ CONCRETE MEDIAN SURFACE, 4 INCH
- ㉔ LONGITUDINAL CONSTRUCTION JOINT DRILL AND GROUT No.6x24" EPOXY COATED TIE BARS AT 24" CTS
- ㉕ LONGITUDINAL CONSTRUCTION JOINT DRILL AND GROUT No.8x24" EPOXY COATED TIE BARS AT 24" CTS
- ㉖ LONGITUDINAL SAWED JOINT DRILL AND GROUT No.8x30" EPOXY COATED TIE BARS AT 30" CTS
- ㉗ PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ㉘ PORTLAND CEMENT CONCRETE SHOULDERS 8"

□ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS

**IDOT DISTRICT ONE**

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (OMP)
<b>PAVEMENT RESURFACING</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5mm): 2"	4% @ 90 GYR	QC/OA
LEVELING BINDER (MACHINE METHOD), N70 (IL-9.5mm): 3/4" AND VARIES	4% @ 70 GYR	QC/OA
<b>HMA PAVEMENT</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5mm): 2"	4% @ 90 GYR	QC/OA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; TOP 2 1/4"	4% @ 90 GYR	QC/OA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 3 1/2"	4% @ 70 GYR	QC/OA
<b>STABILIZED SUBBASE</b>		
STABILIZED SUBBASE HMA, (HMA BINDER IL-19mm)	3% @ 50 GYR	QC/OA
<b>SHOULDERS-US ROUTE 20</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm): 2"	4% @ 50 GYR	QC/OA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 6"	4% @ 50 GYR	QC/OA
<b>SHOULDERS-BRIER HILL ROAD</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5mm): 2"	4% @ 90 GYR	QC/OA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 6"	4% @ 50 GYR	QC/OA
<b>DRIVEWAYS AND FIELD ENTRANCES</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5MM): 2"	4% @ 50 GYR	QCP
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19MM), 6" (PE) AND 8" (CE)	4% @ 50 GYR	QCP
<b>TEMPORARY PAVEMENT, 8" (ALLEN ROAD) AND 10" (US 20)</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5MM): 2"	4% @ 50 GYR	QCP
HOT-MIX ASPHALT BINDER COURSE, (IL-19MM): 6" (ALLEN ROAD) OR 8" (US 20)	4% @ 50 GYR	QCP
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

**NOTES:**

THE UNIT WEIGHT USED TO CALCULATE HOT-MIX ASPHALT MIXTURES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLES MATERIALS SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE MIXTURE.

IF THE CONTRACTOR CHOOSES TO USE PCC TEMPORARY PAVEMENT, THE THICKNESS WILL BE 8".

PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATION. TEMPORARY PC CONCRETE PAVEMENT DOES NOT REQUIRE DOWEL BARS.

FILE NAME = SA\JUL\63800-6399\6346\054\Micro\CA000\_Sheets\0160727-shr-typcal.dgn



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw  
MODEL NAME = Default  
PLOT SCALE = 10.0000 "/in.  
PLOT DATE = 7/22/2014

DESIGNED - JLB  
DRAWN - BJF DJW  
CHECKED - MAG  
DATE - 6/17/14

REVISED -  
REVISED -  
REVISED -  
REVISED -

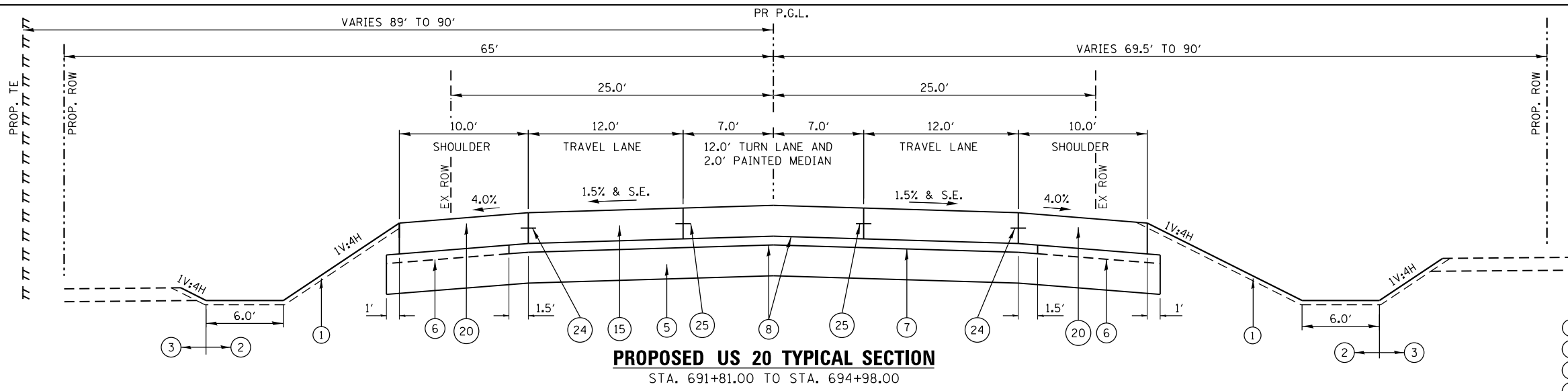
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

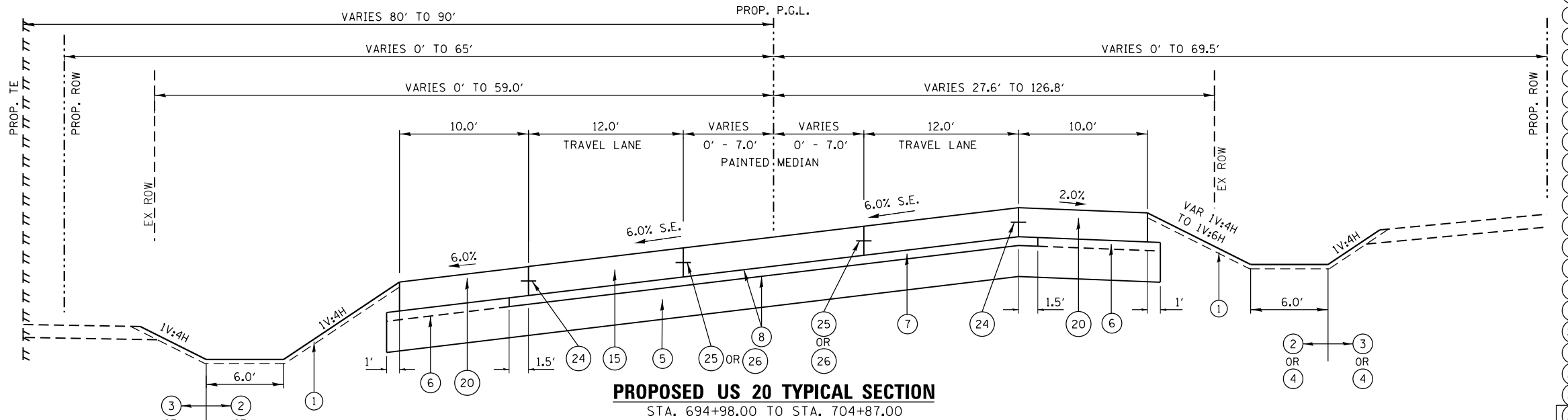
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	17
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

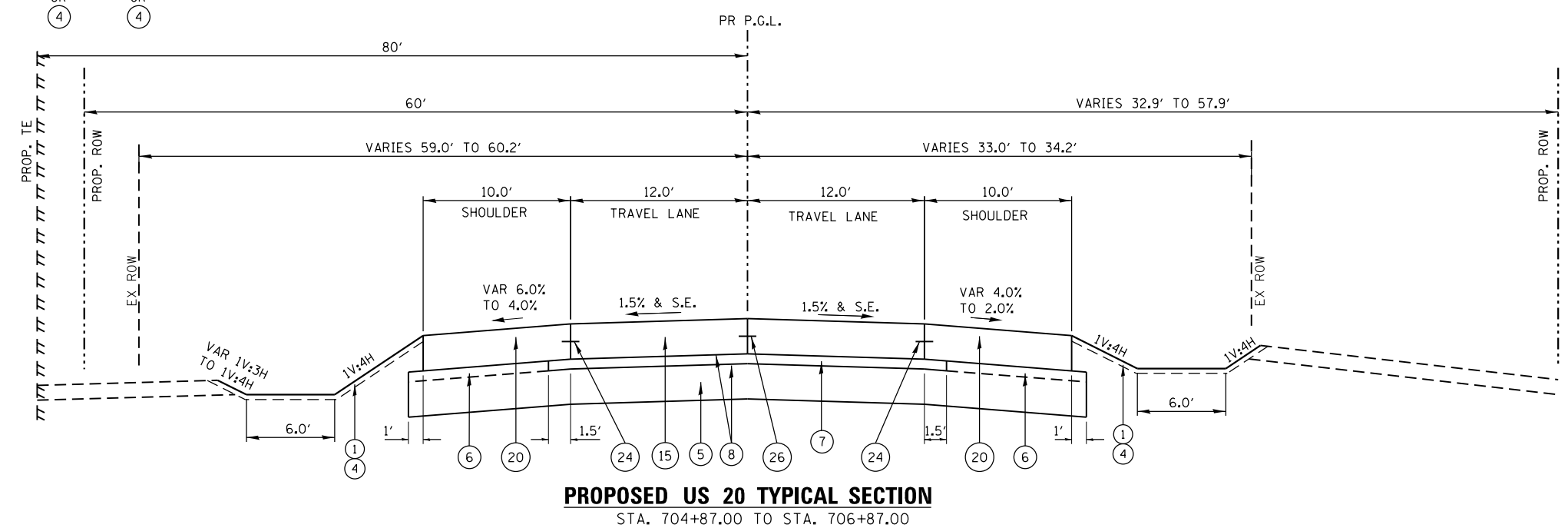
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**PROPOSED US 20 TYPICAL SECTION**  
STA. 691+81.00 TO STA. 694+98.00



**PROPOSED US 20 TYPICAL SECTION**  
STA. 694+98.00 TO STA. 704+87.00



**PROPOSED US 20 TYPICAL SECTION**  
STA. 704+87.00 TO STA. 706+87.00

**EXISTING LEGEND**

- (A) 18" EXISTING TOPSOIL
- (B) EXISTING HMA PAVEMENT
- (C) EXISTING HMA SHOULDERS
- (D) EXISTING AGGREGATE SHOULDERS
- (E) EXISTING STEEL PLATE BEAM GUARDRAIL
- (F) EXISTING PCC PAVEMENT, VARIES 0" TO 6 1/2"

**PROPOSED LEGEND**

- (1) 4" TOPSOIL PLACEMENT
- (2) SEEDING, CLASS 2A
- (3) SEEDING, CLASS 4, (MODIFIED)
- (4) SODDING, SALT TOLERANT
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (7) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (8) BITUMINOUS MATERIALS (PRIME COAT)
- (9) 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- (10) 3/4" AND VARIES, LEVELING BINDER (MACHINE METHOD), N70
- (11) 3/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- (12) 2 1/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
- (13) 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90
- (14) PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2" (JOINTED)
- (15) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (16) AGGREGATE SHOULDERS, TYPE A 9"
- (17) AGGREGATE WEDGE SHOULDER, TYPE B
- (18) HOT-MIX ASPHALT SHOULDERS, 6"
- (19) PORTLAND CEMENT CONCRETE SHOULDERS 8 1/2"
- (20) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) CONCRETE MEDIAN SURFACE, 4 INCH
- (24) LONGITUDINAL CONSTRUCTION JOINT DRILL AND GROUT No.6x24" EPOXY COATED TIE BARS AT 24" CTS
- (25) LONGITUDINAL CONSTRUCTION JOINT DRILL AND GROUT No.8x24" EPOXY COATED TIE BARS AT 24" CTS
- (26) LONGITUDINAL SAWED JOINT DRILL AND GROUT No.8x30" EPOXY COATED TIE BARS AT 30" CTS
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDERS 8"

☐ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennissw  
MODEL NAME = Default  
PLOT SCALE = 10.0000 "/in.  
PLOT DATE = 7/22/2014

DESIGNED - JLB  
DRAWN - BJF DJW  
CHECKED - MAG  
DATE - 6/17/14

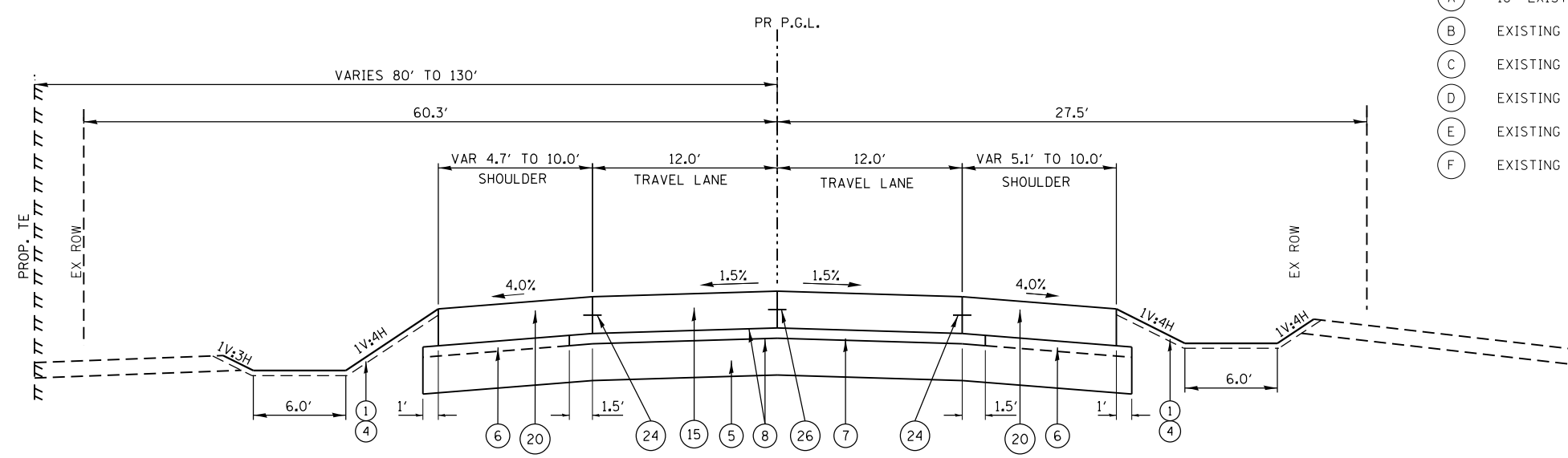
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	18
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



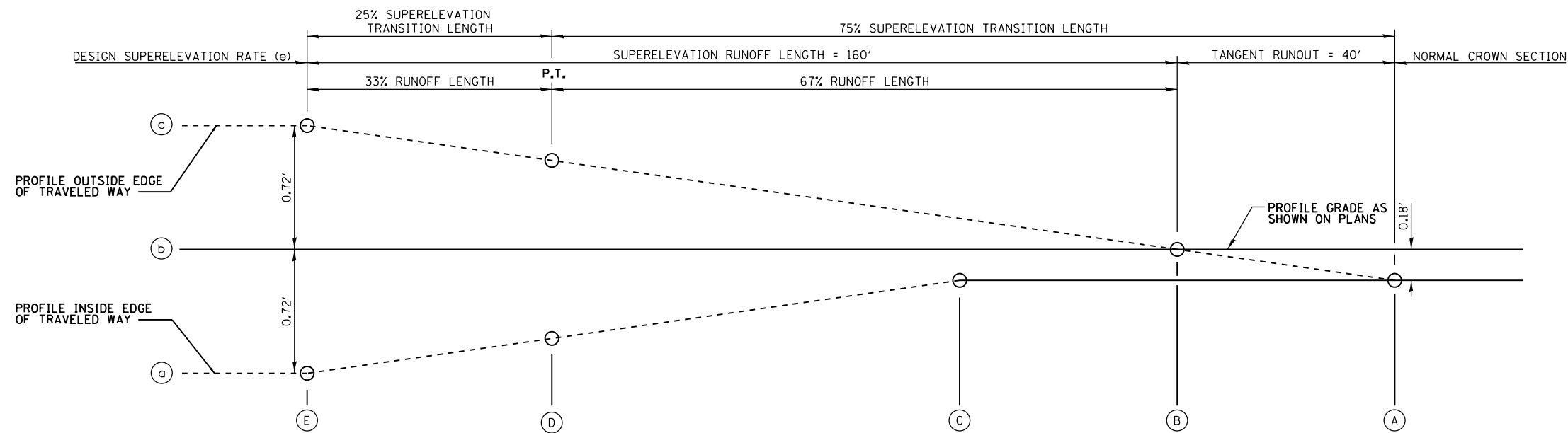
**PROPOSED US 20 TYPICAL SECTION**  
 STA. 706+87.00 TO STA. 707+40.00

- EXISTING LEGEND**
- (A) 18" EXISTING TOPSOIL
  - (B) EXISTING HMA PAVEMENT
  - (C) EXISTING HMA SHOULDERS
  - (D) EXISTING AGGREGATE SHOULDERS
  - (E) EXISTING STEEL PLATE BEAM GUARDRAIL
  - (F) EXISTING PCC PAVEMENT, VARIES 0" TO 6 1/2"

- PROPOSED LEGEND**
- (1) 4" TOPSOIL PLACEMENT
  - (2) SEEDING, CLASS 2A
  - (3) SEEDING, CLASS 4, (MODIFIED)
  - (4) SODDING, SALT TOLERANT
  - (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (6) SUBBASE GRANULAR MATERIAL, TYPE C 4"
  - (7) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - (8) BITUMINOUS MATERIALS (PRIME COAT)
  - (9) 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
  - (10) 3/4" AND VARIES, LEVELING BINDER (MACHINE METHOD), N70
  - (11) 3/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
  - (12) 2/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
  - (13) 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90
  - (14) PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2" (JOINTED)
  - (15) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
  - (16) AGGREGATE SHOULDERS, TYPE A 9"
  - (17) AGGREGATE WEDGE SHOULDER, TYPE B
  - (18) HOT-MIX ASPHALT SHOULDERS, 6"
  - (19) PORTLAND CEMENT CONCRETE SHOULDERS 8 1/2"
  - (20) PORTLAND CEMENT CONCRETE SHOULDERS 9"
  - (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06
  - (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
  - (23) CONCRETE MEDIAN SURFACE, 4 INCH

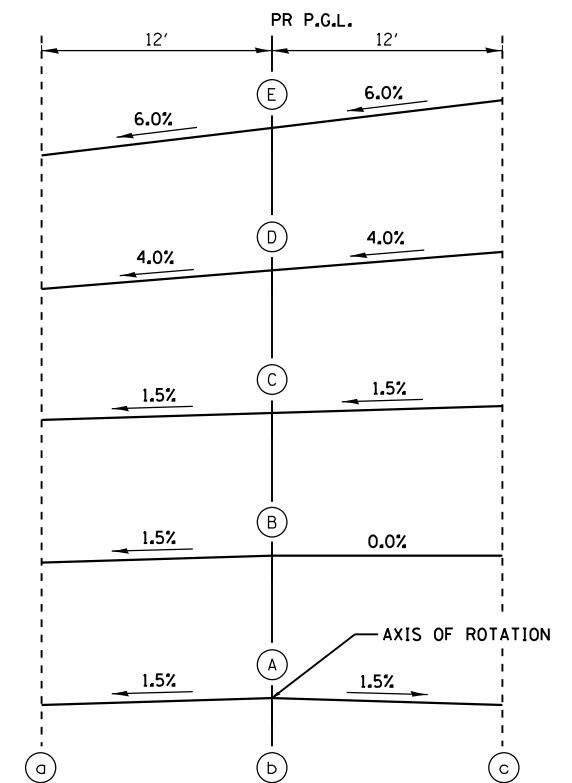
- (24) LONGITUDINAL CONSTRUCTION JOINT  
DRILL AND GROUT No.6x24" EPOXY COATED TIE BARS AT 24" CTS
- (25) LONGITUDINAL CONSTRUCTION JOINT  
DRILL AND GROUT No.8x24" EPOXY COATED TIE BARS AT 24" CTS
- (26) LONGITUDINAL SAWED JOINT  
DRILL AND GROUT No.8x30" EPOXY COATED TIE BARS AT 30" CTS
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDERS 8"

☐ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS



**PROPOSED US 20 SUPERELEVATION TRANSITION DIAGRAM**  
 STA. 704+87.00 TO STA. 706+87.00

A	1.50%	STA. 706+87.00
B	0.00%	STA. 706+47.00
C	-1.50%	STA. 706+07.00
D	-4.00%	STA. 705+42.06
E	-6.00%	STA. 704+87.00



FILE NAME = SA\JUL\63800-6399\6346\054\Micro\GADD Sheets\0160727-shr-typicall.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennisw  
 MODEL NAME = Default  
 PLOT SCALE = 10.0000" / in.  
 PLOT DATE = 7/22/2014

DESIGNED - JLB  
 DRAWN - BJF DJW  
 CHECKED - MAG  
 DATE - 6/17/14

REVISED -  
 REVISED -  
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 REVISED -

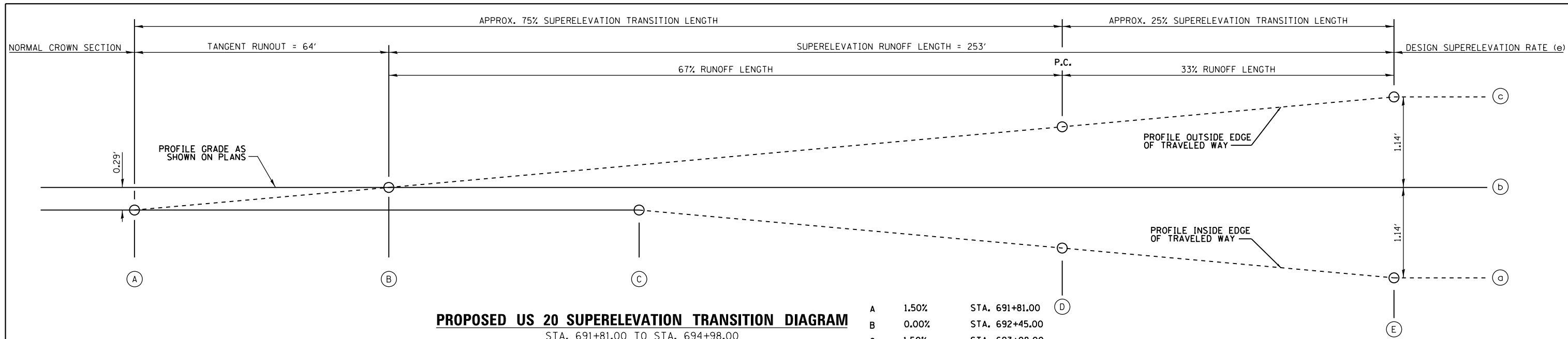
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**  
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	19
CONTRACT NO. 60T27				

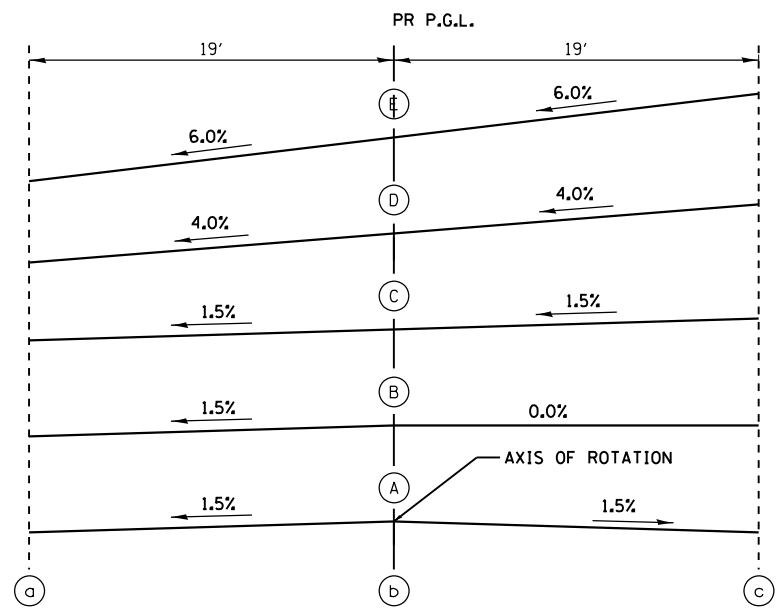
ILLINOIS FED. AID PROJECT





**PROPOSED US 20 SUPERELEVATION TRANSITION DIAGRAM**  
 STA. 691+81.00 TO STA. 694+98.00

A	1.50%	STA. 691+81.00
B	0.00%	STA. 692+45.00
C	-1.50%	STA. 693+08.00
D	-4.00%	STA. 694+15.29
E	-6.00%	STA. 694+98.00



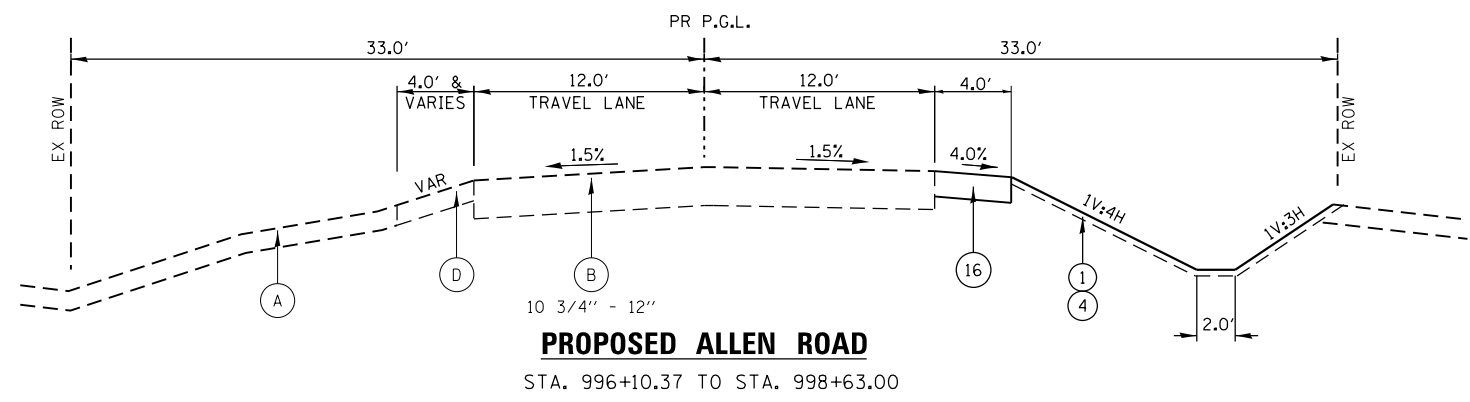
**EXISTING LEGEND**

- (A) 18" EXISTING TOPSOIL
- (B) EXISTING HMA PAVEMENT
- (C) EXISTING HMA SHOULDERS
- (D) EXISTING AGGREGATE SHOULDERS
- (E) EXISTING STEEL PLATE BEAM GUARDRAIL
- (F) EXISTING PCC PAVEMENT, VARIES 0" TO 6 1/2"

**PROPOSED LEGEND**

- (1) 4" TOPSOIL PLACEMENT
- (2) SEEDING, CLASS 2A
- (3) SEEDING, CLASS 4, (MODIFIED)
- (4) SODDING, SALT TOLERANT
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (7) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (8) BITUMINOUS MATERIALS (PRIME COAT)
- (9) 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- (10) 3/4" AND VARIES, LEVELING BINDER (MACHINE METHOD), N70
- (11) 3/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- (12) 2 1/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
- (13) 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90
- (14) PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2" (JOINTED)
- (15) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (16) AGGREGATE SHOULDERS, TYPE A 9"
- (17) AGGREGATE WEDGE SHOULDER, TYPE B
- (18) HOT-MIX ASPHALT SHOULDERS, 6"
- (19) PORTLAND CEMENT CONCRETE SHOULDERS 8 1/2"
- (20) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) CONCRETE MEDIAN SURFACE, 4 INCH
- (24) LONGITUDINAL CONSTRUCTION JOINT  
DRILL AND GROUT No.6x24" EPOXY COATED TIE BARS AT 24" CTS
- (25) LONGITUDINAL CONSTRUCTION JOINT  
DRILL AND GROUT No.8x24" EPOXY COATED TIE BARS AT 24" CTS
- (26) LONGITUDINAL SAWED JOINT  
DRILL AND GROUT No.8x30" EPOXY COATED TIE BARS AT 30" CTS
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDERS 8"

□ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS



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1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 7/22/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	20
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

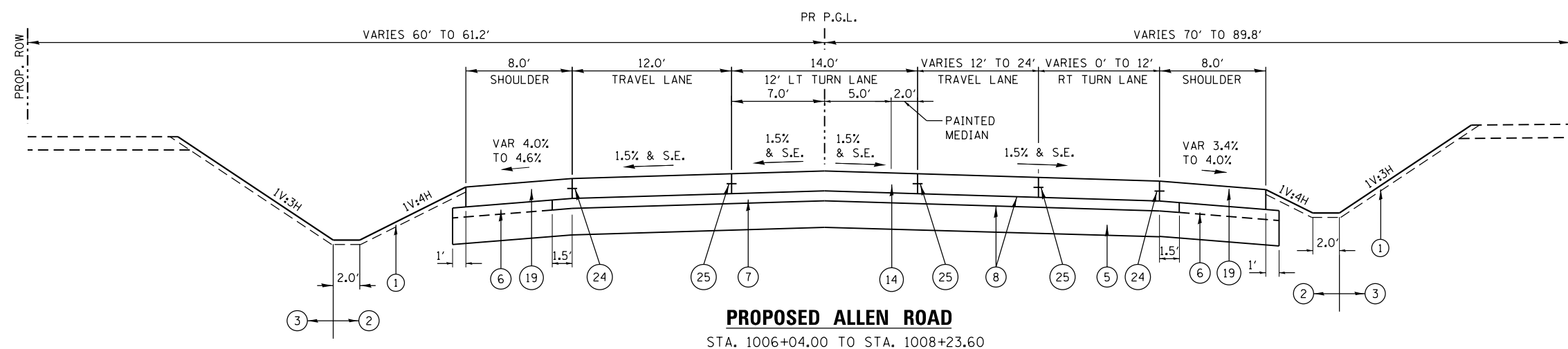
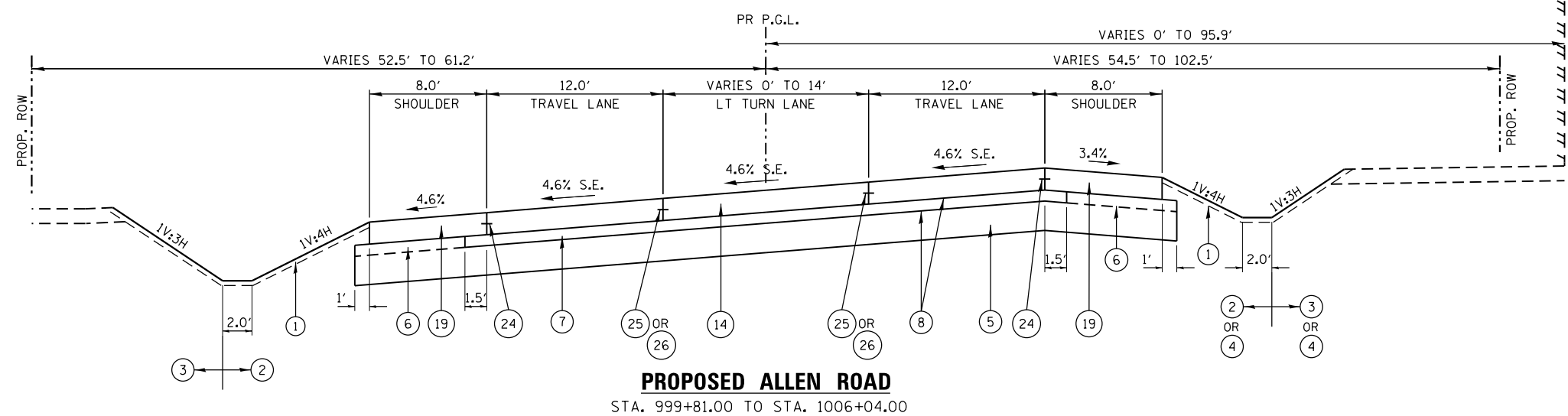
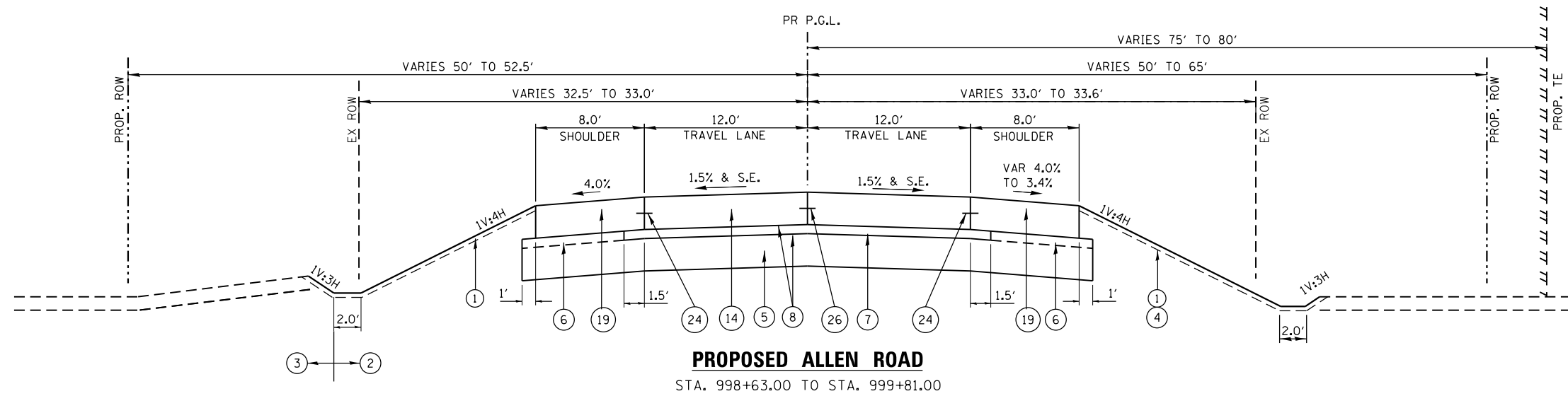
**EXISTING LEGEND**

- (A) 18" EXISTING TOPSOIL
- (B) EXISTING HMA PAVEMENT
- (C) EXISTING HMA SHOULDERS
- (D) EXISTING AGGREGATE SHOULDERS
- (E) EXISTING STEEL PLATE BEAM GUARDRAIL
- (F) EXISTING PCC PAVEMENT, VARIES 0" TO 6 1/2"

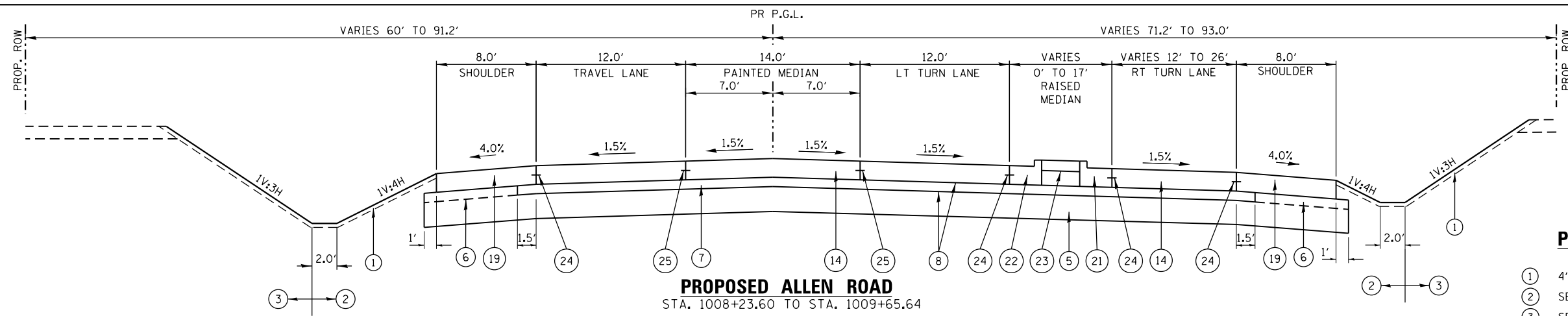
**PROPOSED LEGEND**

- (1) 4" TOPSOIL PLACEMENT
- (2) SEEDING, CLASS 2A
- (3) SEEDING, CLASS 4, (MODIFIED)
- (4) SODDING, SALT TOLERANT
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (7) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (8) BITUMINOUS MATERIALS (PRIME COAT)
- (9) 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- (10) 3/4" AND VARIES, LEVELING BINDER (MACHINE METHOD), N70
- (11) 3/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- (12) 2/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
- (13) 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90
- (14) PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2" (JOINTED)
- (15) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (16) AGGREGATE SHOULDERS, TYPE A 9"
- (17) AGGREGATE WEDGE SHOULDER, TYPE B
- (18) HOT-MIX ASPHALT SHOULDERS, 6"
- (19) PORTLAND CEMENT CONCRETE SHOULDERS 8 1/2"
- (20) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) CONCRETE MEDIAN SURFACE, 4 INCH
- (24) LONGITUDINAL CONSTRUCTION JOINT DRILL AND GROUT No.6x24" EPOXY COATED TIE BARS AT 24" CTS
- (25) LONGITUDINAL CONSTRUCTION JOINT DRILL AND GROUT No.8x24" EPOXY COATED TIE BARS AT 24" CTS
- (26) LONGITUDINAL SAWED JOINT DRILL AND GROUT No.8x30" EPOXY COATED TIE BARS AT 30" CTS
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDERS 8"

☐ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS

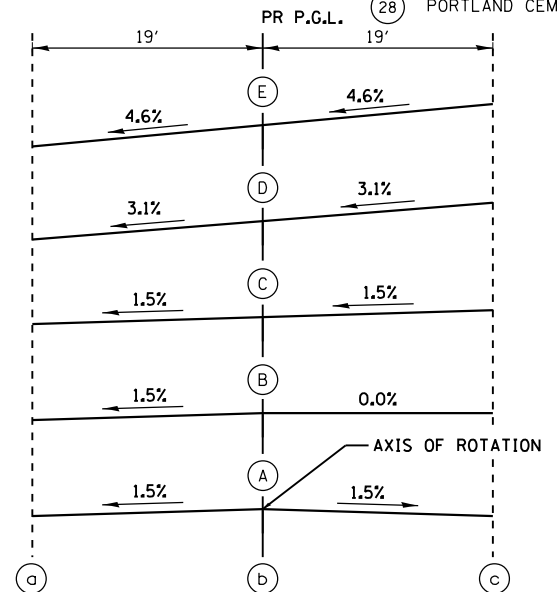
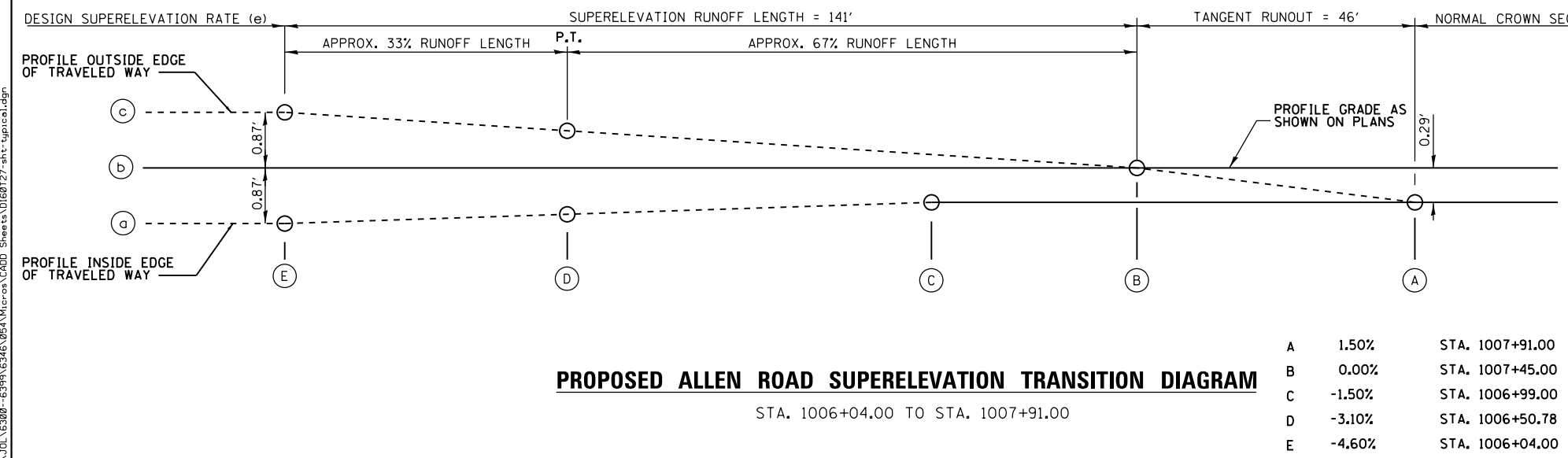
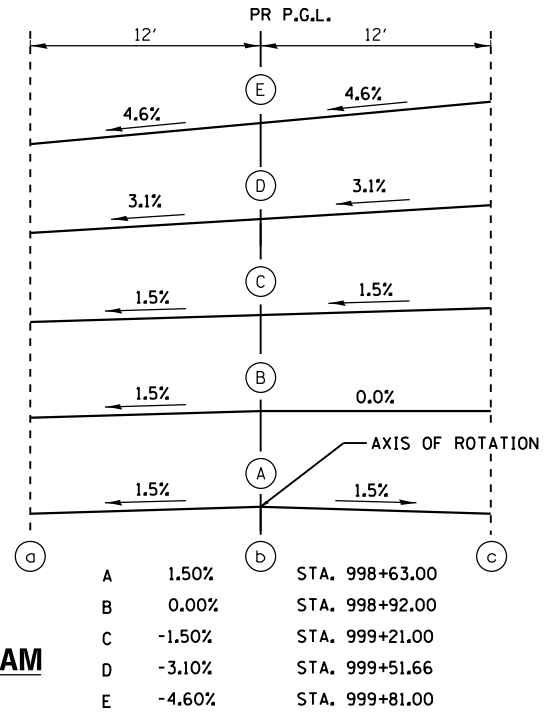
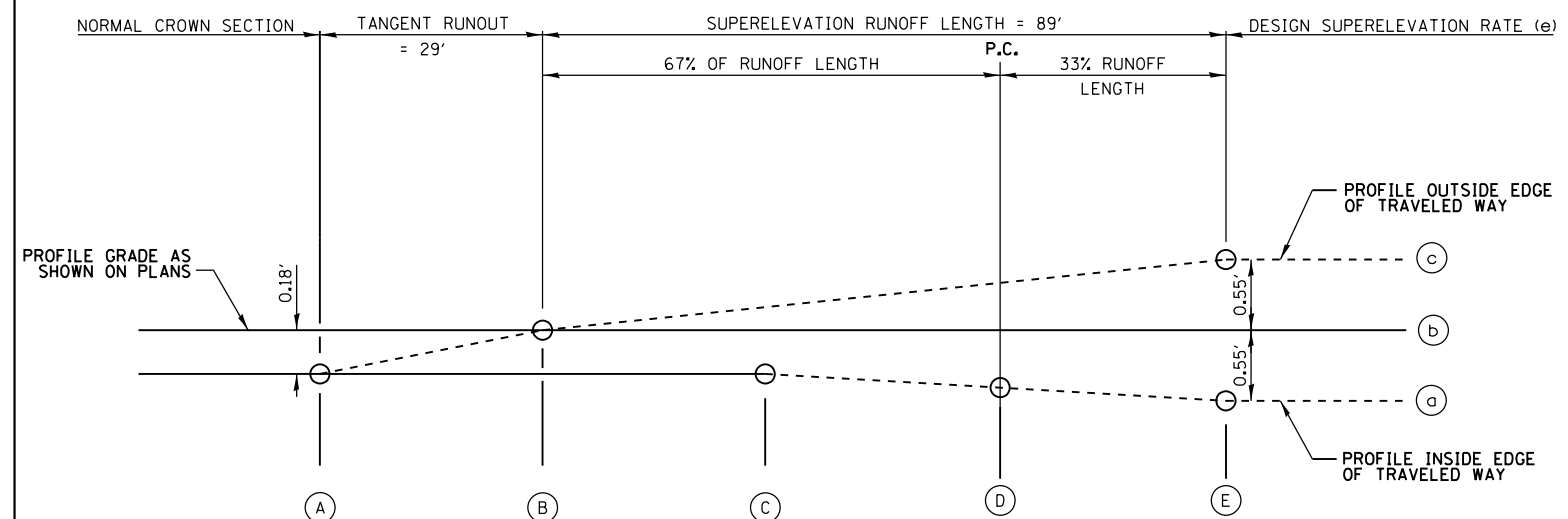


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- ### EXISTING LEGEND
- (A) 18" EXISTING TOPSOIL
  - (B) EXISTING HMA PAVEMENT
  - (C) EXISTING HMA SHOULDERS
  - (D) EXISTING AGGREGATE SHOULDERS
  - (E) EXISTING STEEL PLATE BEAM GUARDRAIL
  - (F) EXISTING PCC PAVEMENT, VARIES 0" TO 6 1/2"

- ### PROPOSED LEGEND
- (1) 4" TOPSOIL PLACEMENT
  - (2) SEEDING, CLASS 2A
  - (3) SEEDING, CLASS 4, (MODIFIED)
  - (4) SODDING, SALT TOLERANT
  - (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (6) SUBBASE GRANULAR MATERIAL, TYPE C 4"
  - (7) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - (8) BITUMINOUS MATERIALS (PRIME COAT)
  - (9) 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
  - (10) 3/4" AND VARIES, LEVELING BINDER (MACHINE METHOD), N70
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DRILL AND GROUT No.6x24" EPOXY COATED TIE BARS AT 24" CTS
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DRILL AND GROUT No.8x30" EPOXY COATED TIE BARS AT 30" CTS
  - (27) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
  - (28) PORTLAND CEMENT CONCRETE SHOULDERS 8"



□ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS

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1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

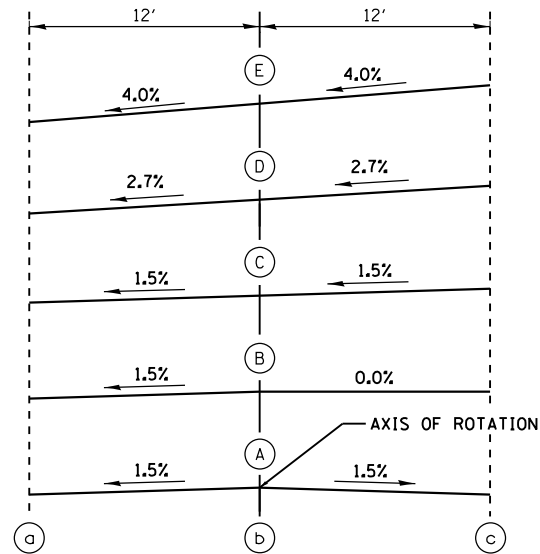
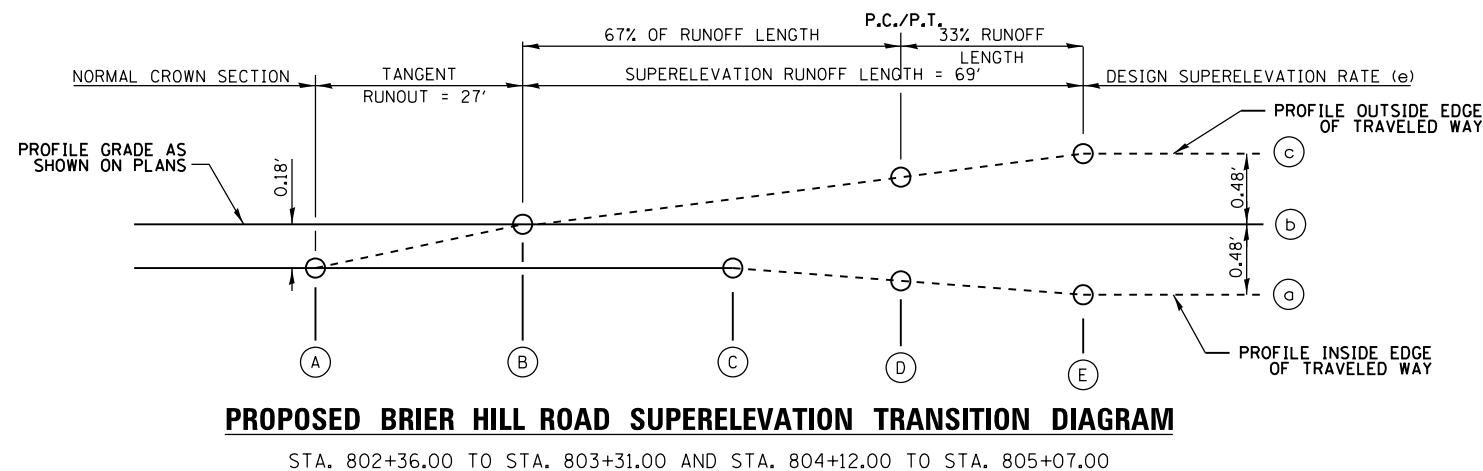
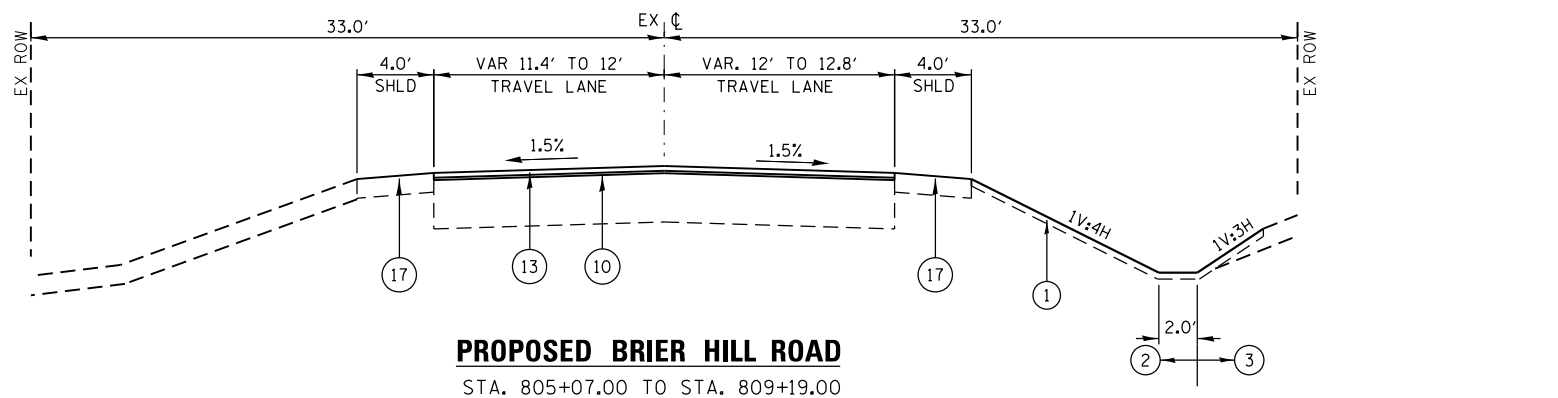
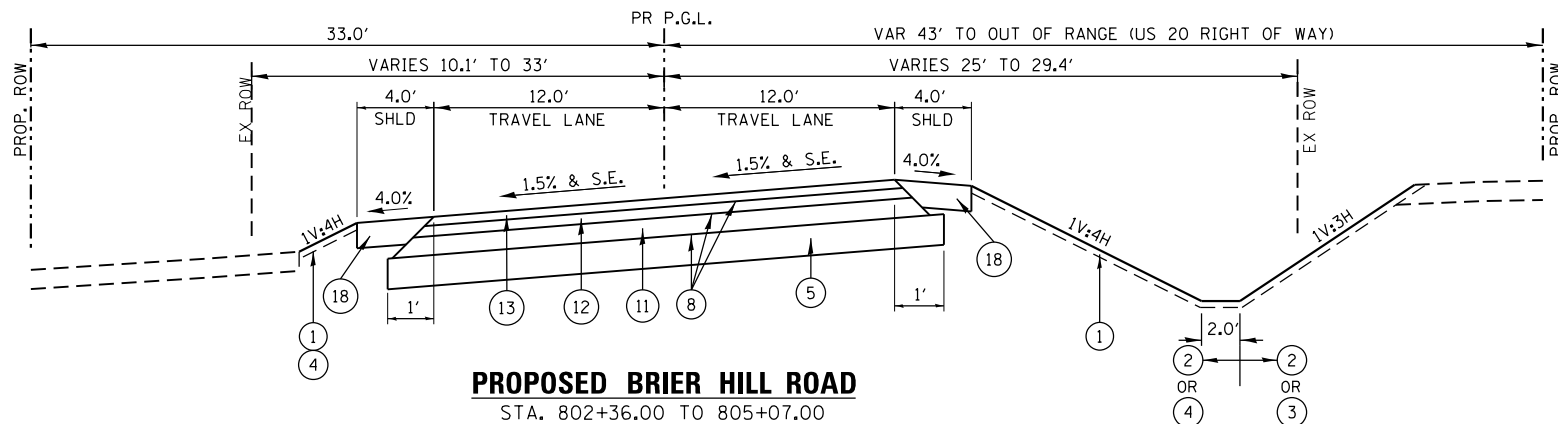
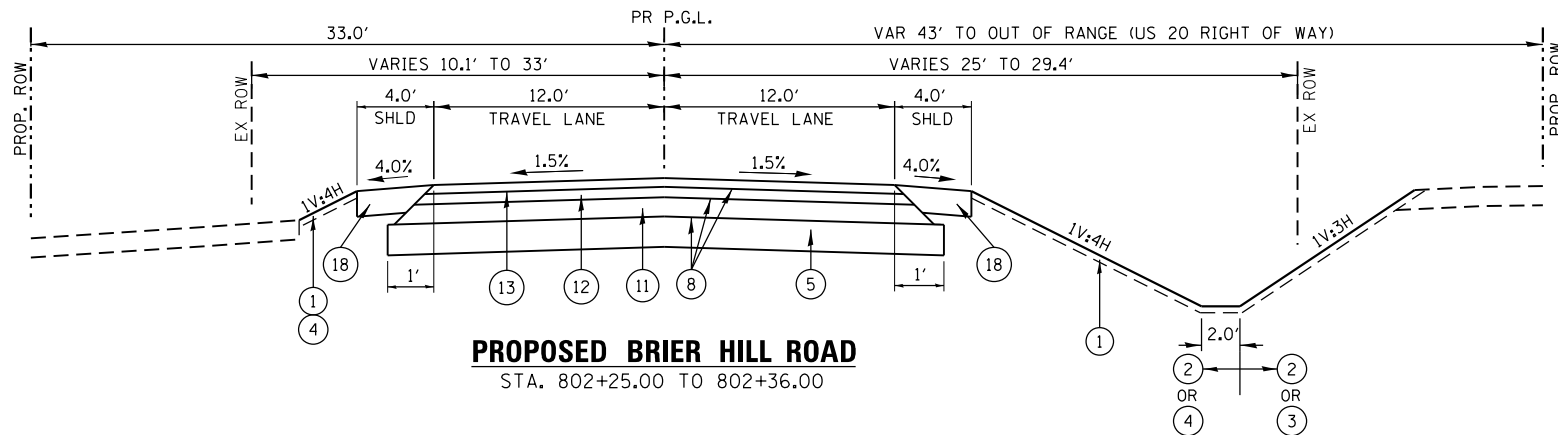
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PLOT DATE = 7/22/2014	DATE - 6/17/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	22
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



**EXISTING LEGEND**

- (A) 18" EXISTING TOPSOIL
- (B) EXISTING HMA PAVEMENT
- (C) EXISTING HMA SHOULDERS
- (D) EXISTING AGGREGATE SHOULDERS
- (E) EXISTING STEEL PLATE BEAM GUARDRAIL
- (F) EXISTING PCC PAVEMENT, VARIES 0" TO 6 1/2"

**PROPOSED LEGEND**

- (1) 4" TOPSOIL PLACEMENT
- (2) SEEDING, CLASS 2A
- (3) SEEDING, CLASS 4, (MODIFIED)
- (4) SODDING, SALT TOLERANT
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (7) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (8) BITUMINOUS MATERIALS (PRIME COAT)
- (9) 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- (10) 3/4" AND VARIES, LEVELING BINDER (MACHINE METHOD), N70
- (11) 3/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
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- (25) LONGITUDINAL CONSTRUCTION JOINT DRILL AND GROUT No.8x24" EPOXY COATED TIE BARS AT 24" CTS
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☐ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS

A	1.50%	STA. 802+36.00	STA. 805+07.00
B	0.00%	STA. 802+62.00	STA. 804+81.00
C	-1.50%	STA. 802+87.88	STA. 804+55.13
D	-2.67%	STA. 803+08.06	STA. 804+34.94
E	-4.00%	STA. 803+31.00	STA. 804+12.00

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PLOT DATE = 7/22/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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**TYPICAL SECTIONS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	23
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

**EXISTING LEGEND**

- (A) 18" EXISTING TOPSOIL
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- (D) EXISTING AGGREGATE SHOULDERS
- (E) EXISTING STEEL PLATE BEAM GUARDRAIL
- (F) EXISTING PCC PAVEMENT, VARIES 0" TO 6 1/2"

**PROPOSED LEGEND**

- (1) 4" TOPSOIL PLACEMENT
- (2) SEEDING, CLASS 2A
- (3) SEEDING, CLASS 4, (MODIFIED)
- (4) SODDING, SALT TOLERANT
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (7) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
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□ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS

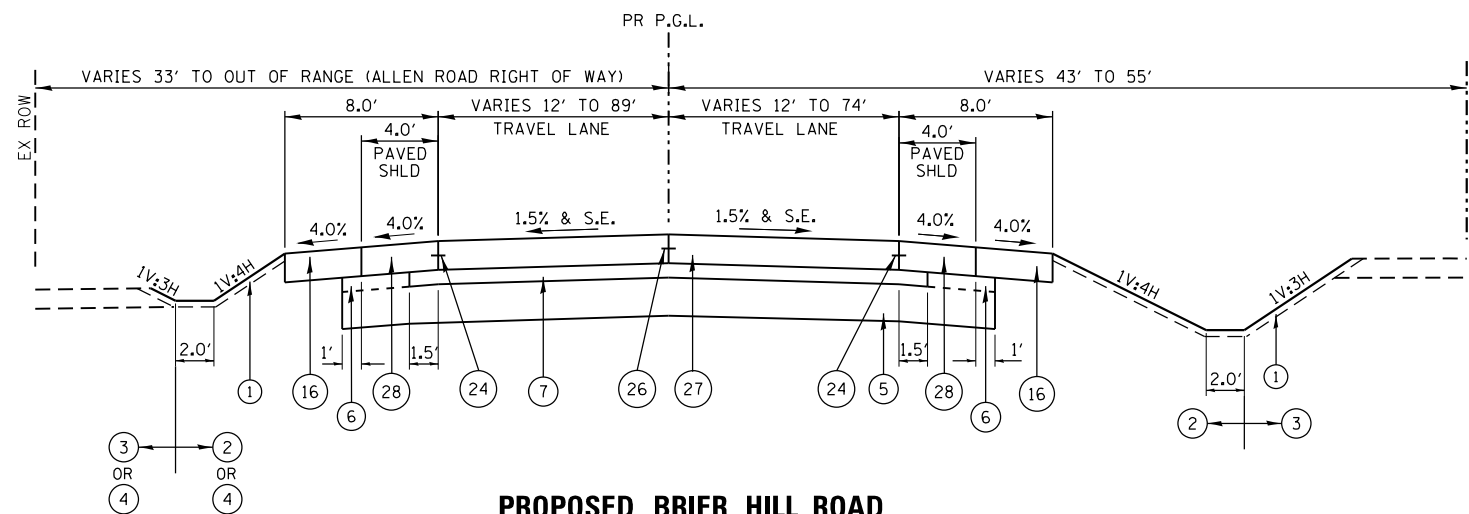
**UNDERCUT SCHEDULE**

LOCATION (STA. TO STA.)	DEPTH (INCHES)
US 20 688+50 TO 691+50	12"
US 20 704+50 TO 706+50	6"
ALLEN 998+63 TO 1000+80	6"

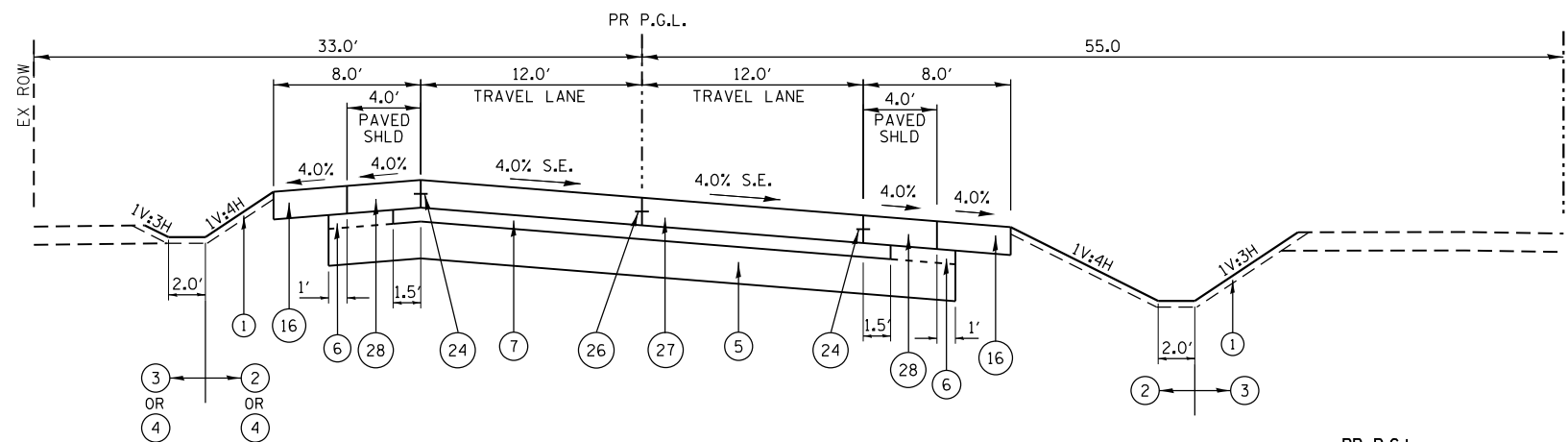
**NOTES:**

UNDERCUT SHALL BE PAID FOR AS REMOVAL & DISPOSAL OF UNSUITABLE SOILS

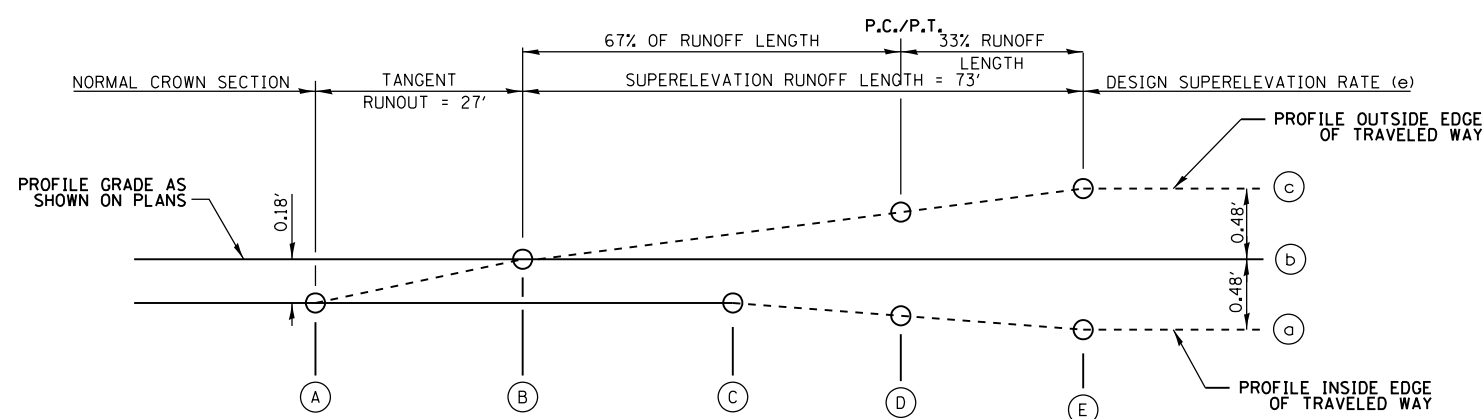
REPLACEMENT MATERIAL SHALL BE PAID FOR AS AGGREGATE SUBGRADE IMPROVEMENT



**PROPOSED BRIAR HILL ROAD**  
STA. 809+19.00 TO STA. 810+59.00  
STA. 812+22.00 TO STA. 813+81.89

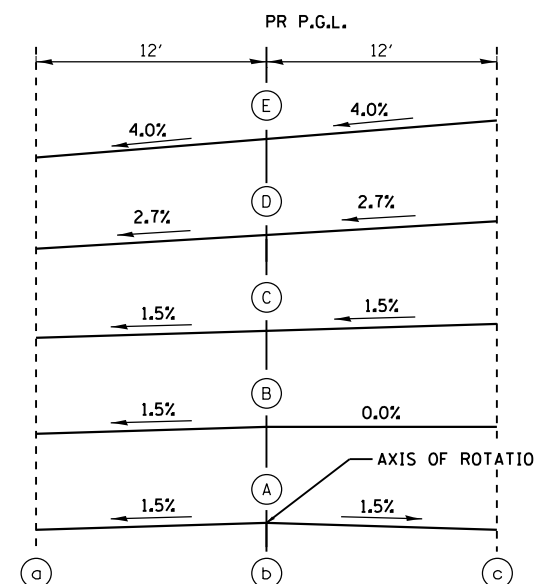


**PROPOSED BRIAR HILL ROAD**  
STA. 810+59.00 TO STA. 812+22.00



**PROPOSED BRIAR HILL ROAD SUPERELEVATION TRANSITION DIAGRAM**

STA. 809+59.00 TO STA. 810+59.00 AND STA. 812+22.00 TO STA. 813+22.00



SECTION	GRADE	STA. 1	STA. 2
A	1.50%	STA. 809+59.00	STA. 813+22.00
B	0.00%	STA. 809+86.00	STA. 812+95.00
C	-1.50%	STA. 810+13.37	STA. 812+67.62
D	-2.67%	STA. 810+35.26	STA. 812+46.22
E	-4.00%	STA. 810+59.00	STA. 812+22.00

FILE NAME = SA\JUL163800-6399\6346-054\Microb\CA00\_Sheets\0160727-shr-tpj\cal.dgn



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw  
MODEL NAME = Default  
PLOT SCALE = 10.0000 "/in.  
PLOT DATE = 7/22/2014

DESIGNED - JLB  
DRAWN - BJF DJW  
CHECKED - MAG  
DATE - 6/17/14

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	24

CONTRACT NO. 60T27  
ILLINOIS FED. AID PROJECT



PROPOSED US 20 MAINLINE - PRE-STAGE									
EARTHWORK COMPUTATION									
LOCATION		EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) CU YD	EMBANKMENT CU YD	FURNISHED EXCAVATION EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD	TOPSOIL EXCAVATION CU YD	TOPSOIL PLACEMENT CU YD	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
STATION	STATION							CU YD	CU YD
10+00	11+00	1.25	1.06	0.00	1.06	0.00	0.54	-0.54	0.00
11+00	12+00	2.94	2.50	42.77	-40.27	46.63	4.89	41.74	0.00
12+00	13+00	62.30	52.95	49.15	3.80	115.44	10.64	104.79	0.00
13+00	14+00	60.26	51.22	192.14	-140.92	196.02	15.10	180.92	0.00
14+00	15+00	0.00	0.00	486.67	-486.67	135.53	12.88	122.65	0.00
15+00	16+00	0.00	0.00	469.23	-469.23	287.87	28.27	259.60	0.00
16+00	17+00	0.00	0.00	346.10	-346.10	272.04	25.88	246.15	0.27
17+00	18+00	0.00	0.00	371.10	-371.10	273.40	26.18	247.22	0.27
18+00	19+00	0.00	0.00	346.45	-346.45	273.89	26.29	247.60	2.23
19+00	20+00	60.80	51.68	145.46	-93.78	304.50	33.10	271.40	2.23
20+00	21+00	86.06	73.15	61.51	11.64	304.48	33.09	271.39	0.00
21+00	22+00	35.41	30.10	185.32	-155.22	279.92	27.64	252.28	0.00
22+00	23+00	12.55	10.66	339.08	-328.42	288.50	29.54	258.96	0.00
23+00	24+00	4.27	3.63	457.80	-454.16	300.18	32.14	268.04	0.00
24+00	25+00	6.63	5.63	475.63	-469.99	308.61	34.01	274.60	0.00
25+00	26+00	4.48	3.80	356.94	-353.14	281.82	28.06	253.76	0.00
26+00	27+00	0.59	0.50	509.92	-509.42	450.36	19.72	430.64	0.00
27+00	28+00	0.00	0.00	258.56	-258.56	230.68	15.72	214.96	0.00
28+00	29+00	180.46	153.39	93.69	59.70	237.08	16.16	220.91	0.00
29+00	30+00	254.22	216.09	32.51	183.57	264.34	22.22	242.12	0.00
30+00	31+00	90.58	76.99	119.26	-42.27	343.87	11.87	332.00	0.00
31+00	32+00	4.00	3.40	362.26	-358.86	269.08	14.76	254.32	0.00
32+00	33+00	0.00	0.00	538.31	-538.31	309.17	24.85	284.33	0.00
33+00	34+00	0.00	0.00	510.85	-510.85	305.42	32.71	272.71	0.00
34+00	35+00	0.00	0.00	700.75	-700.75	417.28	15.28	402.00	0.00
35+00	36+00	0.00	0.00	398.78	-398.78	261.91	24.72	237.19	0.00
36+00	37+00	0.00	0.00	265.09	-265.09	194.70	20.88	173.81	0.00
37+00	38+00	8.12	6.90	88.85	-81.95	119.92	18.97	100.96	0.00
38+00	39+28	8.57	7.28	18.54	-11.26	44.80	9.38	35.42	0.00
Totals		885	755	8225	-7470	7120	620	6505	5

OUTFALL DITCH - PRE-STAGE									
EARTHWORK COMPUTATION									
LOCATION		EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) CU YD	EMBANKMENT CU YD	FURNISHED EXCAVATION EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD	TOPSOIL EXCAVATION CU YD	TOPSOIL PLACEMENT CU YD	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
STATION	STATION							CU YD	CU YD
100+00	100+50	18.04	15.33	20.51	-5.18	89.88	19.96	69.92	0.00
100+50	101+00	19.69	16.73	21.35	-4.62	92.31	20.66	71.66	0.00
101+00	101+50	7.72	6.56	21.86	-15.30	81.71	18.33	63.38	0.00
101+50	102+00	1.28	1.09	22.83	-21.75	65.33	14.55	50.79	0.00
102+00	102+50	0.00	0.00	22.98	-22.98	45.01	10.03	34.98	0.00
102+50	102+87	0.00	0.00	9.82	-9.82	15.51	3.47	12.05	0.00
Totals		50	40	120	-75	390	90	305	0

PROPOSED US 20 MAINLINE - STAGE 1									
EARTHWORK COMPUTATION									
LOCATION		EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) CU YD	EMBANKMENT CU YD	FURNISHED EXCAVATION EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD	TOPSOIL EXCAVATION CU YD	TOPSOIL PLACEMENT CU YD	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
STATION	STATION							CU YD	CU YD
686+00	687+00	0.65	0.55	0.13	0.43	0.17	0.04	0.12	0.00
687+00	688+00	132.30	112.46	70.80	41.65	166.65	27.35	139.29	0.00
688+00	689+00	114.51	97.33	76.02	21.31	251.46	38.54	212.91	102.19
689+00	690+00	31.48	26.76	152.57	-125.81	270.21	37.91	232.30	197.51
690+00	691+00	52.31	44.46	206.60	-162.14	311.39	44.05	267.34	211.03
691+00	692+00	97.80	83.13	264.64	-181.51	466.00	20.90	445.10	80.58
692+00	693+00	173.03	147.08	200.98	-53.90	459.98	30.37	429.61	0.00
693+00	694+00	131.04	111.39	218.85	-107.47	368.16	51.24	316.92	0.00
694+00	695+00	32.58	27.69	364.04	-336.35	349.57	46.20	303.38	0.00
695+00	696+00	7.83	6.66	483.66	-477.00	294.59	38.13	256.45	0.00
696+00	697+00	6.13	5.21	611.30	-606.09	289.28	38.01	251.27	0.00
697+00	698+00	27.34	23.24	722.79	-699.55	350.20	36.80	313.40	0.00
698+00	699+00	0.00	0.00	604.73	-604.73	413.62	21.36	392.26	0.00
699+00	700+00	50.41	42.84	459.75	-416.90	454.58	59.14	395.44	0.00
700+00	701+00	71.05	60.39	486.98	-426.59	436.17	108.32	327.85	0.00
701+00	702+00	198.07	168.36	50.40	117.97	360.50	41.86	318.64	0.00
702+00	703+00	364.04	309.43	8.06	301.37	237.63	30.10	207.53	0.00
703+00	704+00	191.46	162.74	43.11	119.63	238.89	35.28	203.61	94.22
704+00	705+00	16.49	14.02	54.18	-40.16	215.44	33.13	182.31	172.48
705+00	706+00	0.00	0.00	51.93	-51.93	157.50	22.54	134.96	120.48
706+00	707+00	58.01	49.31	72.63	-23.33	117.21	26.29	90.92	71.98
707+00	708+00	51.37	43.67	14.81	28.86	21.68	8.19	13.49	0.00
Totals		1810	1540	5220	-3680	6235	800	5440	1050

PROPOSED ALLEN RD - PRE-STAGE									
EARTHWORK COMPUTATION									
LOCATION		EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) CU YD	EMBANKMENT CU YD	FURNISHED EXCAVATION EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD	TOPSOIL EXCAVATION CU YD	TOPSOIL PLACEMENT CU YD	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
STATION	STATION							CU YD	CU YD
100+00	101+00	4.53	3.85	13.03	-9.18	43.64	1.49	42.14	0.00
101+00	102+00	4.73	4.02	67.93	-63.91	144.28	6.45	137.83	0.00
102+00	103+00	0.00	0.00	256.73	-256.73	243.52	11.56	231.96	0.00
103+00	104+00	0.00	0.00	553.93	-553.93	302.23	19.27	282.96	0.00
104+00	105+00	0.00	0.00	563.74	-563.74	280.74	21.25	259.49	0.00
105+00	106+00	1.90	1.61	283.66	-282.05	199.93	22.79	177.14	0.00
106+00	107+00	3.11	2.64	81.94	-79.29	115.19	22.12	93.07	0.00
107+00	107+02	0.05	0.04	0.39	-0.35	1.71	0.44	1.27	0.00
Totals		15	12	1825	-1813	1335	110	1230	0

FILE NAME = S:\JUL\_63800-63994\6346\_054\Macro\CA00\_Sheets\0160727-plt-schedule\asn.dgn



1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennissw MODEL NAME = Default PLOT SCALE = 100.0000' / 1" = PLOT DATE = 7/1/2014	DESIGNED - JLB DRAWN - BJF DJW CHECKED - MAG DATE - 6/17/14	REVISED - REVISED - REVISED - REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	25
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

PROPOSED ALLEN ROAD - STAGE 1									
EARTHWORK COMPUTATION									
LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
								EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
998+63	999+00	0.00	0.00	69.55	-69.55	54.93	11.50	43.43	63.49
999+00	1000+00	0.00	0.00	162.65	-162.65	179.28	26.92	152.35	159.20
1000+00	1001+00	19.65	16.71	136.85	-120.14	145.78	25.66	120.12	157.80
1001+00	1002+00	63.73	54.17	96.67	-42.50	234.92	14.18	220.74	0.00
1002+00	1003+00	107.21	91.13	91.76	-0.63	370.75	24.67	346.08	0.00
1003+00	1004+00	267.98	227.78	78.42	149.36	512.91	44.29	468.63	0.00
1004+00	1005+00	283.53	241.00	48.48	192.52	606.00	38.90	567.10	0.00
1005+00	1006+00	235.80	200.43	28.11	172.33	663.76	47.94	615.82	0.00
1006+00	1007+00	456.37	387.91	19.52	368.39	598.42	66.13	532.29	0.00
1007+00	1008+00	464.75	395.04	18.18	376.85	598.08	59.57	538.51	0.00
1008+00	1009+65	598.33	508.58	154.07	354.51	786.25	99.30	686.96	0.00
Totals		2497	2123	904	1218	4751	459	4292	380

PROPOSED ALLEN ROAD - STAGE 2									
EARTHWORK COMPUTATION									
LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
								EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
998+63	999+00	13.07	11.11	44.16	-33.05	0.00	22.25	-22.25	0.00
999+00	1000+00	226.76	192.74	46.53	146.21	0.00	59.57	-59.57	0.00
1000+00	1001+00	291.85	248.07	35.55	212.52	0.00	64.45	-64.45	0.00
1001+00	1002+00	326.43	277.47	17.17	260.30	0.00	53.16	-53.16	0.00
1002+00	1003+00	138.63	117.83	1.95	115.88	0.00	19.54	-19.54	0.00
Totals		997	847	145	702	0	219	-219	0

PROPOSED US 20 MAINLINE - STAGE 2									
EARTHWORK COMPUTATION									
LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
								EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
682+75	683+00	6.36	5.41	1.46	3.94	14.29	3.09	11.20	0.00
683+00	684+00	25.99	22.09	3.81	18.28	36.14	12.72	23.42	0.00
684+00	685+00	26.83	22.80	0.00	22.80	5.67	6.06	-0.40	0.00
685+00	686+00	35.42	30.11	0.00	30.11	8.72	3.49	5.23	0.00
686+00	687+00	154.38	131.22	2.12	129.11	2.96	30.72	-27.76	0.00
687+00	688+00	160.50	136.42	2.78	133.64	0.00	27.18	-27.18	0.00
688+00	689+00	299.86	254.88	14.18	240.70	0.00	55.32	-55.32	0.00
689+00	690+00	287.47	244.35	21.55	222.80	0.00	56.35	-56.35	0.00
690+00	691+00	235.92	200.53	17.09	183.44	0.00	54.10	-54.10	0.00
691+00	692+00	209.91	178.42	34.15	144.27	0.00	55.53	-55.53	0.00
692+00	693+00	180.71	153.61	108.17	45.44	0.00	60.16	-60.16	0.00
693+00	694+00	183.43	155.91	124.79	31.13	0.00	62.95	-62.95	0.00
694+00	695+00	210.79	179.18	85.47	93.70	0.00	61.88	-61.88	0.00
695+00	696+00	250.47	212.90	53.95	158.94	0.00	59.33	-59.33	0.00
696+00	697+00	287.84	244.66	41.79	202.87	0.00	59.57	-59.57	0.00
697+00	698+00	293.73	249.67	44.72	204.95	0.00	58.82	-58.82	0.00
698+00	699+00	234.90	199.67	55.55	144.12	0.00	60.64	-60.64	0.00
699+00	700+00	153.18	130.20	65.82	64.38	0.00	44.71	-44.71	0.00
700+00	701+00	108.53	92.25	47.24	45.01	0.00	32.63	-32.63	0.00
701+00	702+00	122.89	104.46	20.14	84.32	0.00	38.59	-38.59	0.00
702+00	703+00	103.45	87.94	14.63	73.31	0.00	23.79	-23.79	0.00
703+00	704+00	195.41	166.10	5.84	160.26	0.00	44.28	-44.28	0.00
704+00	705+00	266.01	226.11	26.27	199.84	0.00	54.36	-54.36	0.00
705+00	706+00	329.59	280.15	39.11	241.04	0.00	62.40	-62.40	0.00
706+00	707+00	501.40	426.19	22.95	403.24	0.00	63.81	-63.81	0.00
707+00	708+00	491.83	418.06	15.01	403.04	0.00	47.02	-47.02	0.00
708+00	709+00	317.15	269.57	46.85	222.73	0.00	63.86	-63.86	0.00
709+00	710+00	241.68	205.43	61.07	144.36	0.00	50.81	-50.81	0.00
710+00	711+00	93.21	79.23	22.79	56.44	0.00	20.74	-20.74	0.00
711+00	712+00	26.94	22.90	0.00	22.90	0.00	3.50	-3.50	0.00
712+00	712+40	10.52	8.95	0.00	8.95	0.00	2.19	-2.19	0.00
Totals		6046	5139	999	4140	68	1281	-1213	0

PROPOSED BRIER HILL RD - STAGE 2									
EARTHWORK COMPUTATION									
LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
								EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
809+00	810+00	108.72	92.41	121.46	-29.05	185.78	29.94	155.84	0.00
810+00	811+00	250.53	212.95	76.97	135.99	230.21	37.86	192.35	0.00
811+00	812+00	323.59	275.05	26.52	248.53	303.44	36.53	266.91	0.00
812+00	813+00	170.95	145.31	74.02	71.29	397.06	36.49	360.57	0.00
813+00	814+00	51.29	43.60	85.69	-42.10	355.34	37.56	317.79	0.00
Totals		905	769	385	385	1472	178	1293	0

PROPOSED BRIER HILL RD - STAGE 3									
EARTHWORK COMPUTATION									
LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
								EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
802+30	803+00	25.79	21.92	2.73	19.19	4.66	0.88	3.78	0.00
803+00	804+00	45.93	39.04	11.45	27.59	53.92	22.52	31.40	0.00
804+00	805+00	62.93	53.49	20.11	33.39	27.75	25.76	1.99	0.00
805+00	806+00	1.05	0.89	22.25	-21.36	35.78	7.88	27.89	0.00
806+00	807+00	0.00	0.00	35.96	-35.96	34.87	7.86	27.01	0.00
807+00	808+00	0.00	0.00	48.84	-48.84	39.69	8.77	30.92	0.00
808+00	809+00	0.00	0.00	49.32	-49.32	43.38	9.57	33.81	0.00
809+00	810+00	0.00	0.00	8.01	-8.01	8.41	1.86	6.54	0.00
Totals		136	115	199	-83	248	85	163	0

FILE NAME = SA\JUL\_63800-639916346\_054\Macro\CA00\_Sheets\0160T27-ent-schedule\ans.dgn



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennissw  
MODEL NAME = Default  
PLOT SCALE = 100.0000' / 1" =  
PLOT DATE = 7/1/2014

DESIGNED - JLB  
DRAWN - BJF DJW  
CHECKED - MAG  
DATE - 6/17/14

REVISED -  
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REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	26
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

FILE NAME = SA\JOL\63800-6399\6346\054\Microa\CADD Sheets\0160T27-81t-schedule1.ras.dgn

SUMMARY									
LOCATION		EARTH EXCAVATION 20200100	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION 20400800	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT (4")	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 20201200	
					EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)			TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	UNDERCUT AND OTHER UNSUITABLE MATERIAL
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
<b>PRESTAGE</b>									
US RTE. 20 MAINLINE		885	755	8,225	-7,470	7,120	620	6,505	5
ALLEN ROAD		14	12	1,821	-1,809	1,331	105	1,226	0
OUTFALL DITCH		47	40	119	-80	390	87	303	0
<b>SUBTOTAL</b>		<b>946</b>	<b>807</b>	<b>10,166</b>	<b>-9,359</b>	<b>8,841</b>	<b>812</b>	<b>8,034</b>	<b>5</b>
<b>STAGE I</b>									
US RTE. 20 MAINLINE		1,808	1,537	5,219	-3,682	6,231	796	5,435	1,050
ALLEN ROAD		2,497	2,123	904	1,218	4,751	459	4,292	380
DETENTION BASIN #1		608	517	2,616	2,099	3,214	1,071	2,143	0
<b>SUBTOTAL</b>		<b>4,913</b>	<b>4,176</b>	<b>8,739</b>	<b>-365</b>	<b>14,196</b>	<b>2,326</b>	<b>11,870</b>	<b>1,431</b>
<b>STAGE II</b>									
US RTE. 20 MAINLINE		6,046	5,139	999	4,140	68	1,281	-1,213	0
ALLEN ROAD		997	847	145	702	0	219	-219	0
BRIER HILL ROAD		905	769	385	385	1,472	178	1,293	0
DETENTION BASIN #2		3,912	3,325	848	-2,477	2,013	671	1,342	0
<b>SUBTOTAL</b>		<b>11,860</b>	<b>10,081</b>	<b>2,377</b>	<b>2,749</b>	<b>3,553</b>	<b>2,349</b>	<b>1,204</b>	<b>0</b>
<b>STAGE III</b>									
BRIER HILL ROAD		136	115	199	-83	248	85	163	0
<b>SUBTOTAL</b>		<b>136</b>	<b>115</b>	<b>199</b>	<b>-83</b>	<b>248</b>	<b>85</b>	<b>163</b>	<b>0</b>
<b>TOTAL QUANTITIES</b>		<b>17,860</b>	<b>15,180</b>	<b>21,485</b>	<b>-9,805</b>	<b>26,840</b>	<b>5,575</b>	<b>21,275</b>	<b>1,440</b>



USER NAME = dennisw  
MODEL NAME = Default  
PLOT SCALE = 100.0000' / 1" =  
PLOT DATE = 7/1/2014

DESIGNED - JLB  
DRAWN - BJF DJW  
CHECKED - MAG  
DATE - 6/17/14

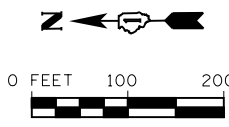
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

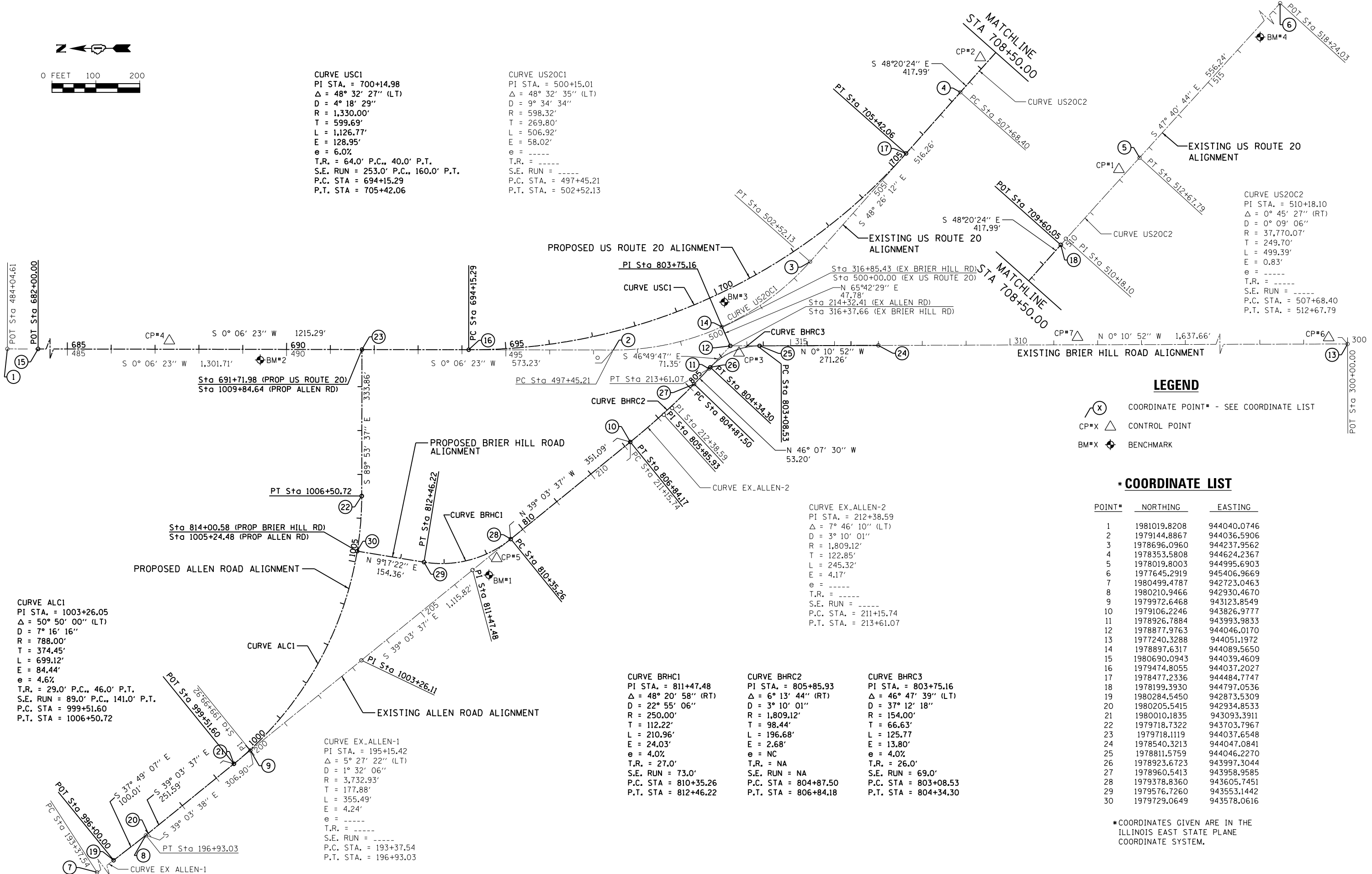
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	27
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



**CURVE USC1**  
 PI STA. = 700+14.98  
 $\Delta = 48^\circ 32' 27''$  (LT)  
 D = 4° 18' 29"  
 R = 1,330.00'  
 T = 599.69'  
 L = 1,126.77'  
 E = 128.95'  
 e = 6.0%  
 T.R. = 64.0' P.C., 40.0' P.T.  
 S.E. RUN = 253.0' P.C., 160.0' P.T.  
 P.C. STA = 694+15.29  
 P.T. STA = 705+42.06

**CURVE US20C1**  
 PI STA. = 500+15.01  
 $\Delta = 48^\circ 32' 35''$  (LT)  
 D = 9° 34' 34"  
 R = 598.32'  
 T = 269.80'  
 L = 506.92'  
 E = 58.02'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 497+45.21  
 P.T. STA. = 502+52.13

**CURVE US20C2**  
 PI STA. = 510+18.10  
 $\Delta = 0^\circ 45' 27''$  (RT)  
 D = 0° 09' 06"  
 R = 37,770.07'  
 T = 249.70'  
 L = 499.39'  
 E = 0.83'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 507+68.40  
 P.T. STA. = 512+67.79



**LEGEND**

- (X) COORDINATE POINT\* - SEE COORDINATE LIST
- CP#X CONTROL POINT
- BM#X BENCHMARK

**\*COORDINATE LIST**

POINT#	NORTHING	EASTING
1	1981019.8208	944040.0746
2	1979144.8867	944036.5906
3	1978696.0960	944237.9562
4	1978353.5808	944624.2367
5	1978019.8003	944995.6903
6	1977645.2919	945406.9669
7	1980499.4787	942723.0463
8	1980210.9466	942930.4670
9	1979972.6468	943123.8549
10	1979106.2246	943826.9777
11	1978926.7884	943993.9833
12	1978877.9763	944046.0170
13	1977240.3288	944051.1972
14	1978897.6317	944089.5650
15	1980690.0943	944039.4609
16	1979474.8055	944037.2027
17	1978477.2336	944484.7747
18	1978199.3930	944797.0536
19	1980284.5450	942873.5309
20	1980205.5415	942934.8533
21	1980010.1835	943093.3911
22	1979718.7322	943703.7967
23	1979718.1119	944037.6548
24	1978540.3213	944047.0841
25	1978811.5759	944046.2270
26	1978923.6723	943997.3044
27	1978960.5413	943958.9585
28	1979378.8360	943605.7451
29	1979576.7260	943553.1442
30	1979729.0649	943578.0616

\*COORDINATES GIVEN ARE IN THE ILLINOIS EAST STATE PLANE COORDINATE SYSTEM.

**CURVE ALC1**  
 PI STA. = 1003+26.05  
 $\Delta = 50^\circ 50' 00''$  (LT)  
 D = 7° 16' 16"  
 R = 788.00'  
 T = 374.45'  
 L = 699.12'  
 E = 84.44'  
 e = 4.6%  
 T.R. = 29.0' P.C., 46.0' P.T.  
 S.E. RUN = 89.0' P.C., 141.0' P.T.  
 P.C. STA = 999+51.60  
 P.T. STA = 1006+50.72

**CURVE EX.ALLEN-1**  
 PI STA. = 195+15.42  
 $\Delta = 5^\circ 27' 22''$  (LT)  
 D = 1° 32' 06"  
 R = 3,732.93'  
 T = 177.88'  
 L = 355.49'  
 E = 4.24'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 193+37.54  
 P.T. STA. = 196+93.03

**CURVE BRHC1**  
 PI STA. = 811+47.48  
 $\Delta = 48^\circ 20' 58''$  (RT)  
 D = 22° 55' 06"  
 R = 250.00'  
 T = 112.22'  
 L = 210.96'  
 E = 24.03'  
 e = 4.0%  
 T.R. = 27.0'  
 S.E. RUN = 73.0'  
 P.C. STA = 810+35.26  
 P.T. STA = 812+46.22

**CURVE BHRC2**  
 PI STA. = 805+85.93  
 $\Delta = 6^\circ 13' 44''$  (RT)  
 D = 3° 10' 01"  
 R = 1,809.12'  
 T = 98.44'  
 L = 196.68'  
 E = 2.68'  
 e = NC  
 T.R. = NA  
 S.E. RUN = NA  
 P.C. STA = 804+87.50  
 P.T. STA = 806+84.18

**CURVE BHRC3**  
 PI STA. = 803+75.16  
 $\Delta = 46^\circ 47' 39''$  (LT)  
 D = 37° 12' 18"  
 R = 154.00'  
 T = 66.63'  
 L = 125.77'  
 E = 13.80'  
 e = 4.0%  
 T.R. = 26.0'  
 S.E. RUN = 69.0'  
 P.C. STA = 803+08.53  
 P.T. STA = 804+34.30

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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

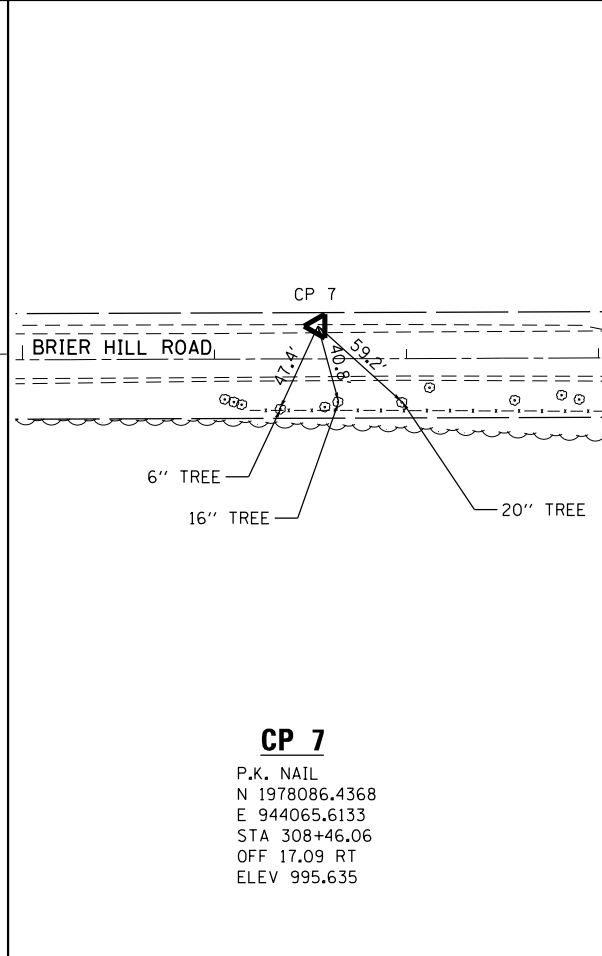
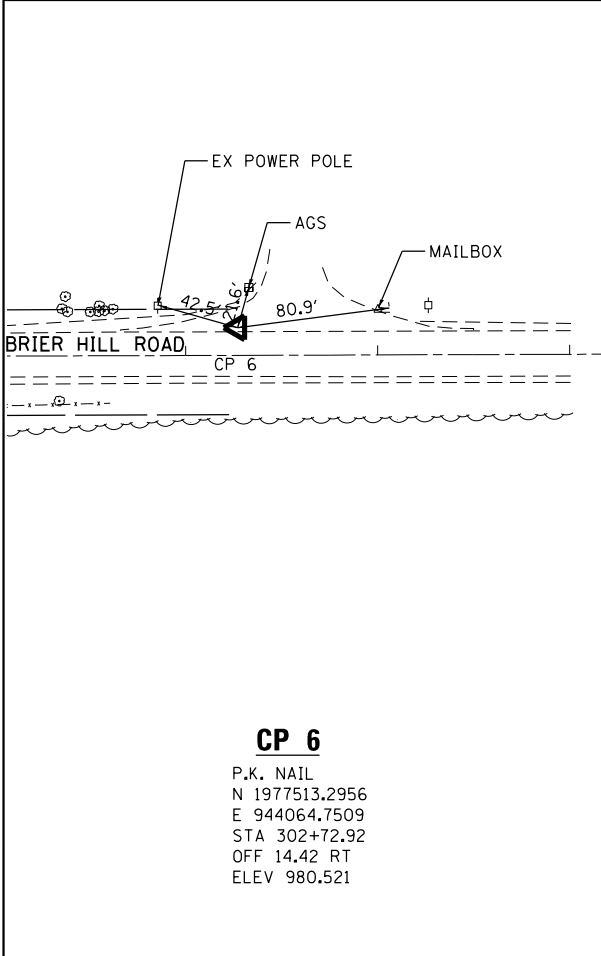
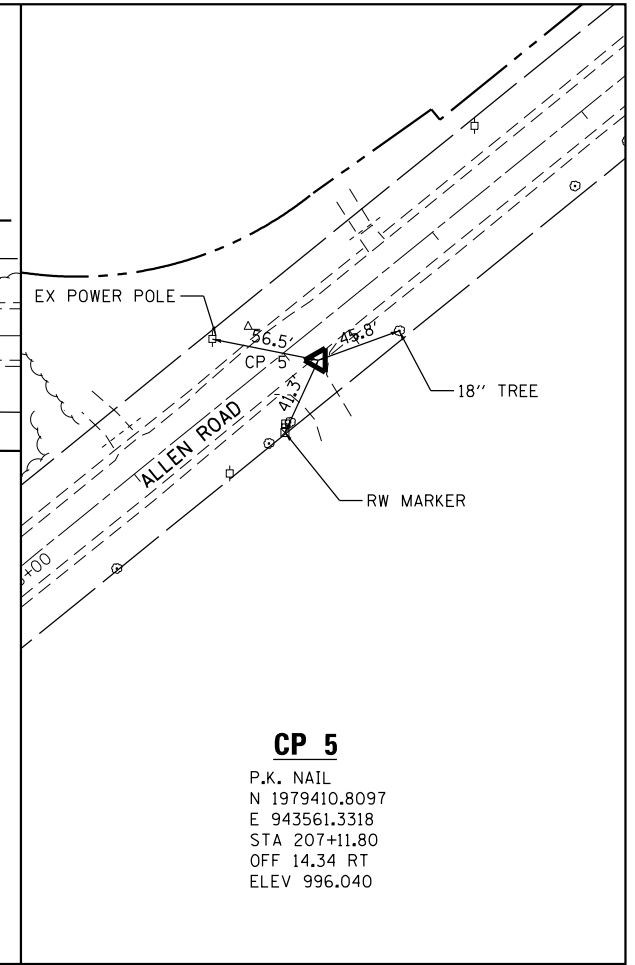
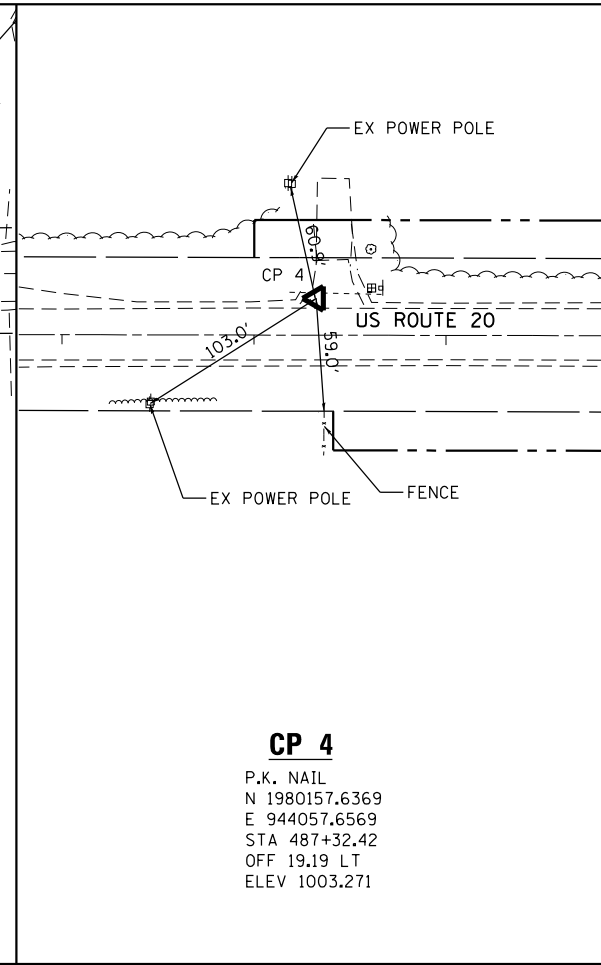
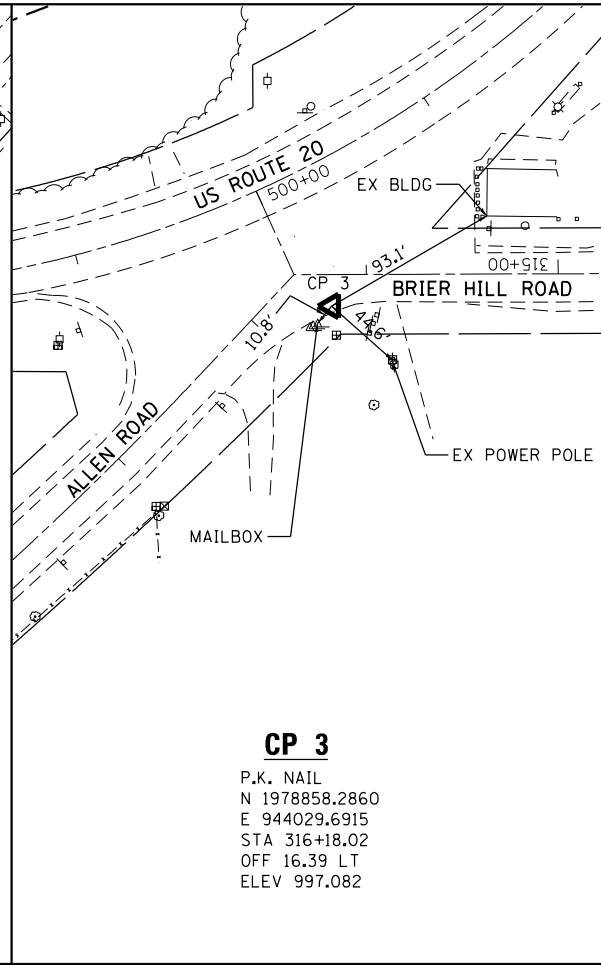
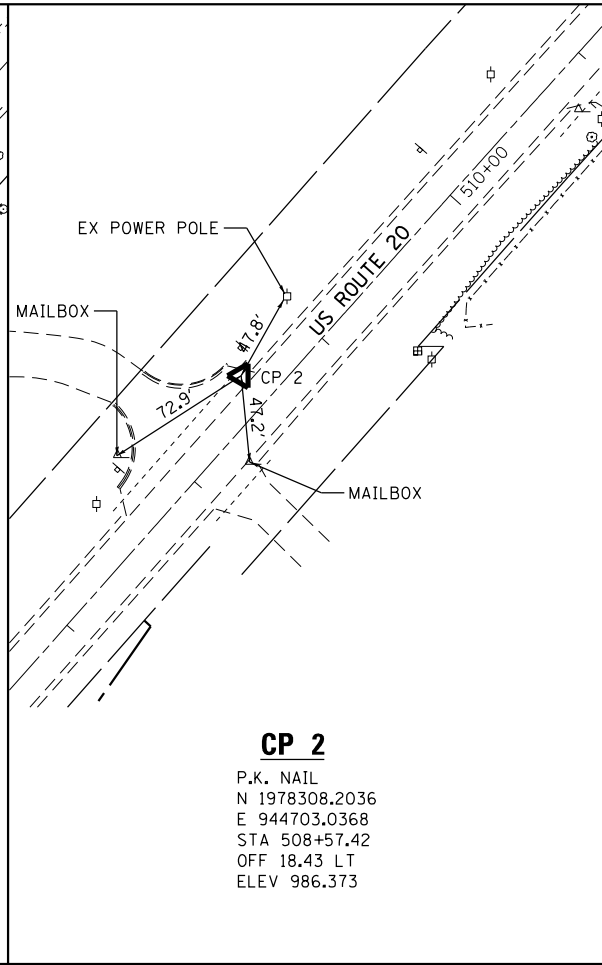
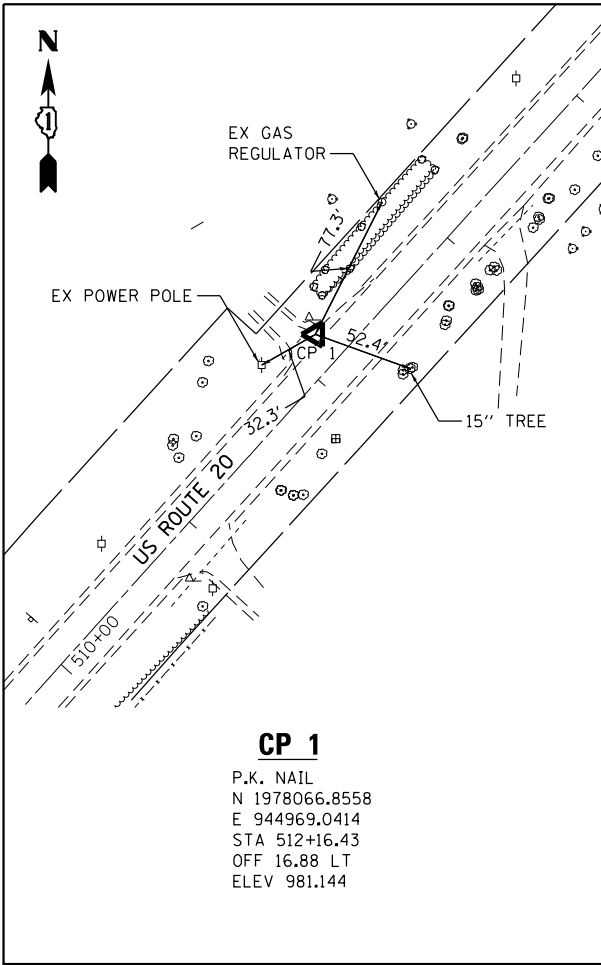
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CHECKED - MAG	REVISED -
DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	28
CONTRACT NO. 60T27			ILLINOIS FED. AID PROJECT	



**BENCHMARKS**

BENCHMARK #1  
 TOP OF RIGHT OF WAY MARKER POST ON ALLEN ROAD IN FRONT OF HOUSE #44W629 APPROXIMATELY 500 FEET WEST OF BRIER HILL ROAD. (STA 206+75, 32' RT). ELEVATION 998.747

BENCHMARK #2  
 NAIL IN POWER POLE WITH RAILROAD SPIKE ON WEST SIDE OF US 20 APPROXIMATELY 900 FEET NORTH OF ALLEN ROAD. (STA 489+40, 24' RT). ELEVATION 999.981

BENCHMARK #3  
 RAILROAD SPIKE IN POWER POLE ON THE OPPOSITE SIDE OF THE OF INTERSECTION OF US 20, ALLEN ROAD, AND BRIER HILL ROAD. (STA 500+31, 48' LT). ELEVATION 995.528

BENCHMARK #4  
 CHISELED SQUARE IN THE CENTER OF 8' HEADWALL ON THE SOUTH SIDE OF US 20, APPROXIMATELY 1500' EAST OF THE INTERSECTION OF ALLEN ROAD. (STA 516+60, 19' RT). ELEVATION 970.986

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1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

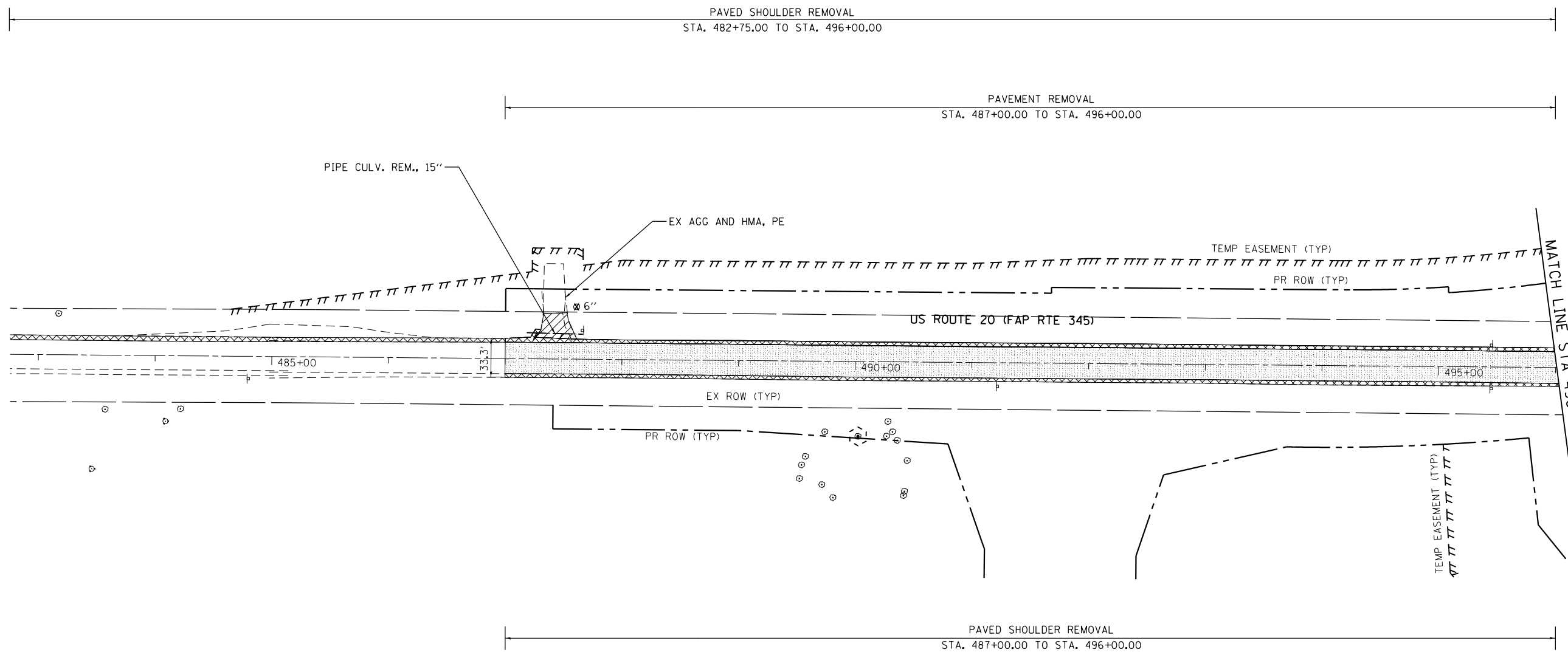
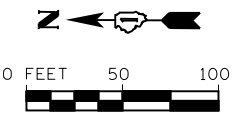
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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	29
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 496+00.00

**LEGEND**

	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
	LINEAR REMOVAL ITEM
	TREE REMOVAL
	TREE TRUNK PROTECTION

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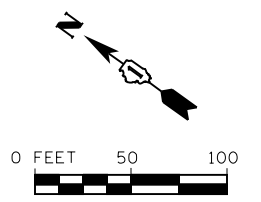


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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

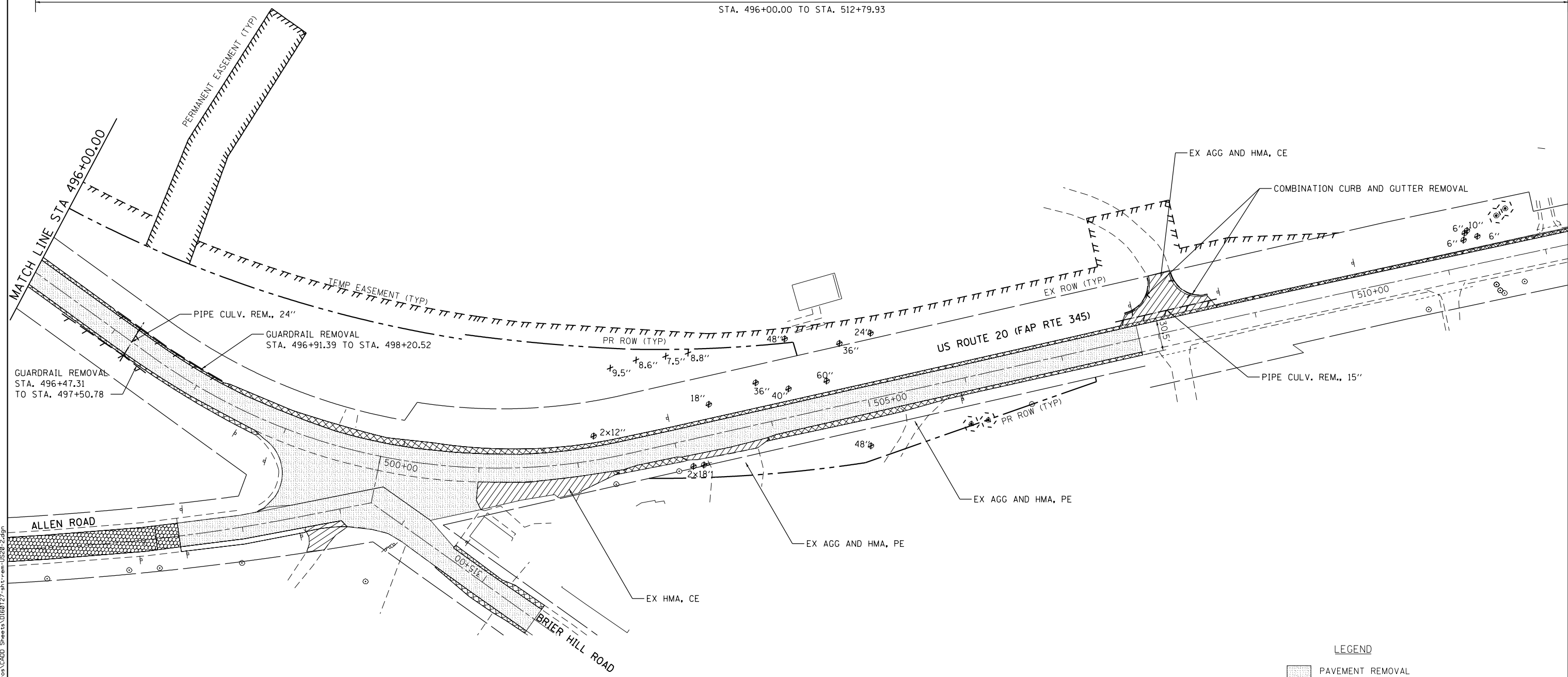
<b>REMOVAL PLAN - US ROUTE 20</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	30
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



PAVEMENT REMOVAL  
STA. 496+00.00 TO STA. 507+80.00

PAVED SHOULDER REMOVAL  
STA. 496+00.00 TO STA. 512+79.93



PAVED SHOULDER REMOVAL  
STA. 496+00.00 TO STA. 498+80.00

PAVED SHOULDER REMOVAL  
STA. 502+34.00 TO STA. 503+04.00

PAVED SHOULDER REMOVAL  
STA. 503+90.00 TO STA. 507+80.00

**LEGEND**

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4\"/>

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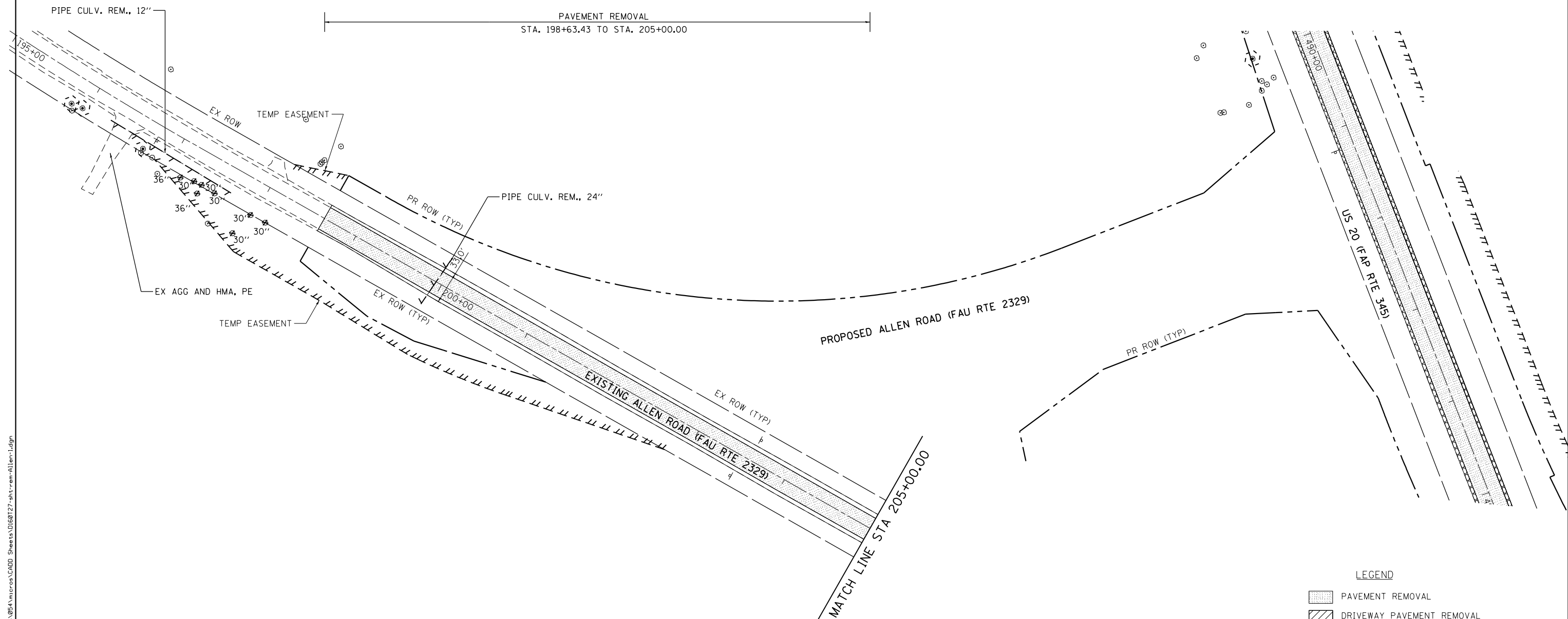
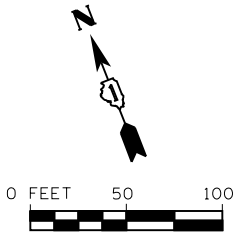
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MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1\"/>		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN - US ROUTE 20**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	31
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- LINEAR REMOVAL ITEM
- TREE REMOVAL
- TREE TRUNK PROTECTION

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**SA STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
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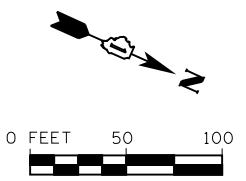
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN - ALLEN ROAD**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	32
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				





HMA SURFACE REMOVAL- BUTT JOINT EXIST. BRIER HILL RD. STA. 314+30.26 TO STA. 314+35.26

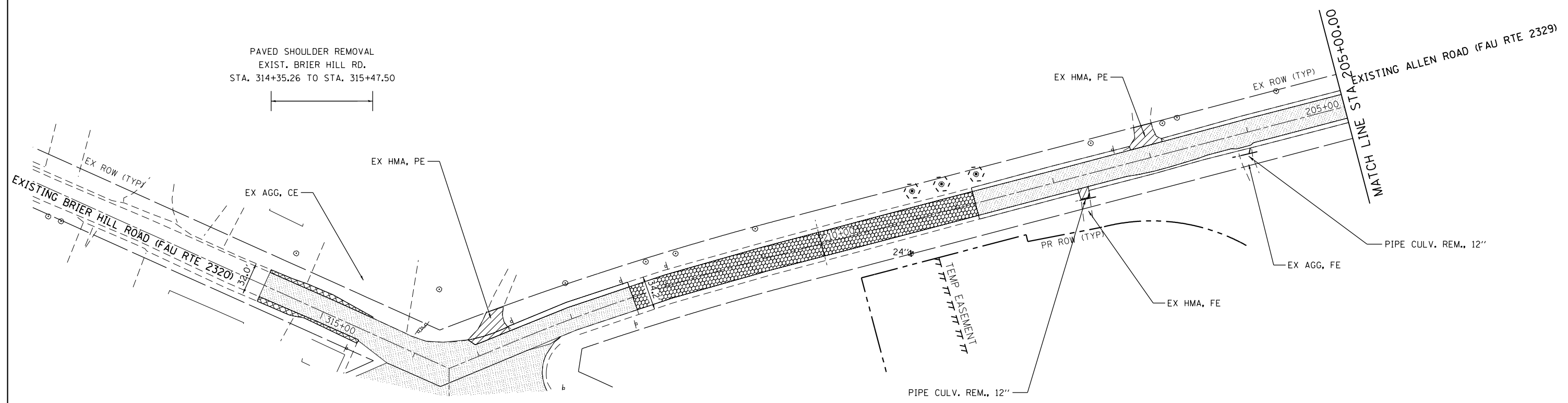
PAVEMENT REMOVAL EXIST. BRIER HILL RD. STA. 314+35.26 TO STA. 316+37.66

PAVEMENT REMOVAL EXIST. ALLEN RD. STA. 212+35.89 TO STA. 214+32.49

HMA SURFACE REMOVAL, 2 3/4" EXIST. ALLEN RD. STA. 208+81.00 TO STA. 212+35.89

PAVEMENT REMOVAL EXIST. ALLEN RD. STA. 205+00.00 TO STA. 208+81.00

PAVED SHOULDER REMOVAL EXIST. BRIER HILL RD. STA. 314+35.26 TO STA. 315+47.50



PAVED SHOULDER REMOVAL EXIST. BRIER HILL RD. STA. 314+35.26 TO STA. 315+44.00

**LEGEND**

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SHOULDER PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- LINEAR REMOVAL ITEM
- TREE REMOVAL
- TREE TRUNK PROTECTION

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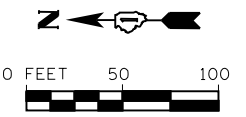
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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

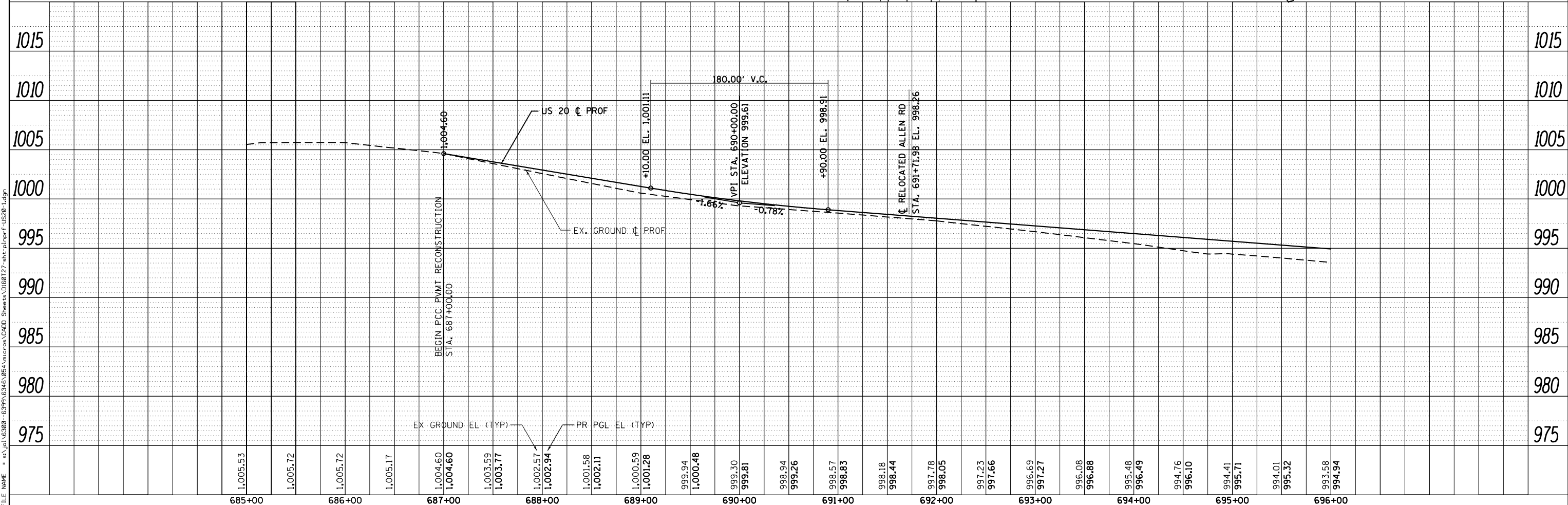
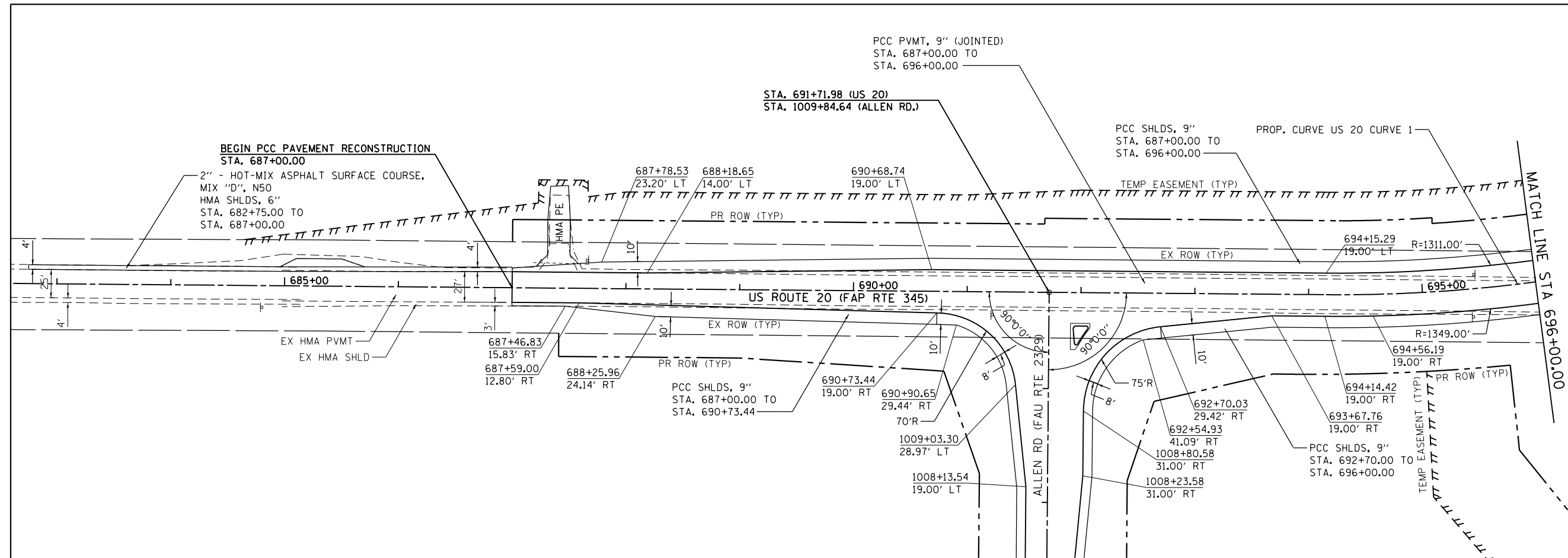
**REMOVAL PLAN - BRIER HILL ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	33
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



PROP. CURVE US 20 CURVE 1  
 PI STA. = 700+14.98  
 $\Delta$  = 48° 32' 27" (LT)  
 D = 4° 18' 29"  
 R = 1,330.00'  
 T = 599.69'  
 L = 1,126.77'  
 E = 128.95'  
 e = 6.00%  
 T.R. = 64' P.C., 40' P.T.  
 S.E. RUN = 253' P.C., 160' P.T.  
 P.C. STA. = 694+15.29  
 P.T. STA. = 705+42.06



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
**STRAND ASSOCIATES**  
 (815) 744-4200

USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -
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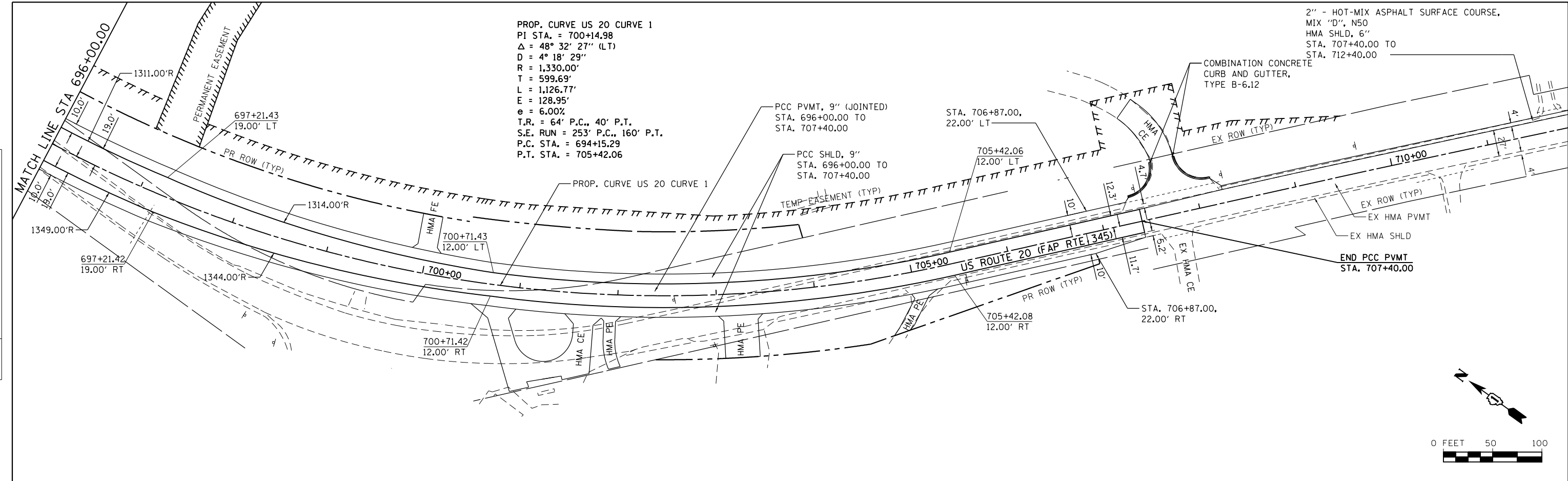
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PLAN AND PROFILE - US ROUTE 20</b>		
SCALE: 50'-H 5'-V	SHEET 1 OF 4 SHEETS	STA. 682+59.00 TO STA. 696+00.00

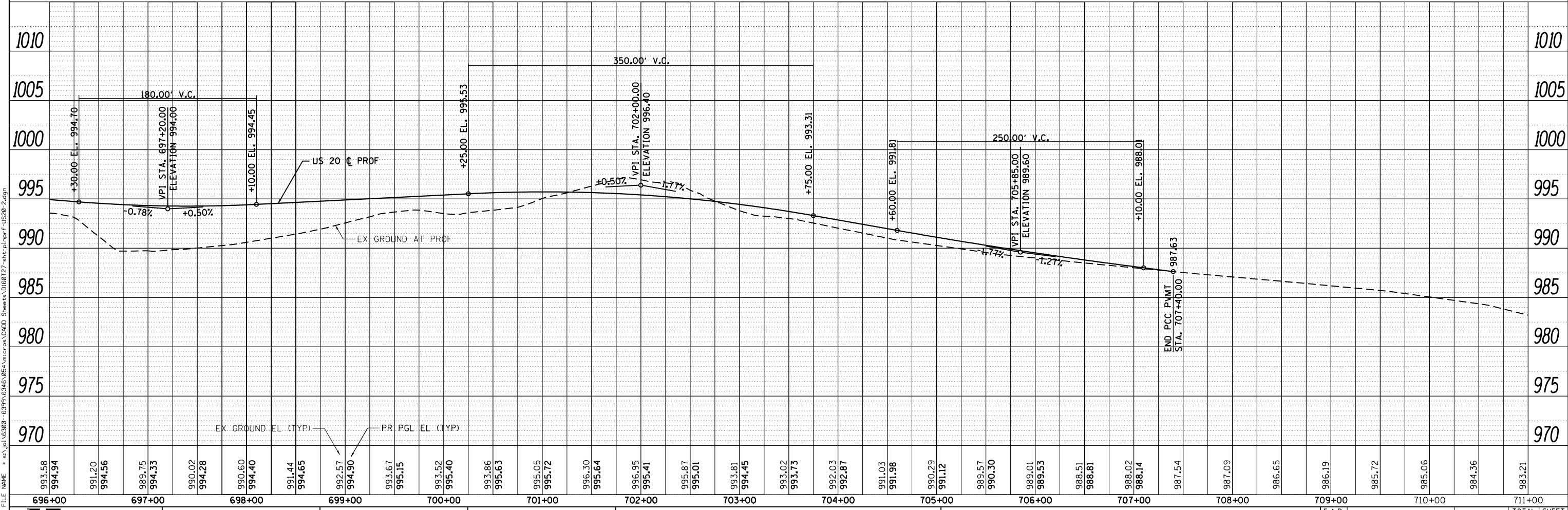
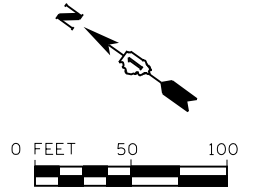
F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 34
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	NO.	



2" - HOT-MIX ASPHALT SURFACE COURSE,  
MIX "D", N50  
HMA SHLD, 6"  
STA. 707+40.00 TO  
STA. 712+40.00



STRAND ASSOCIATES\*  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

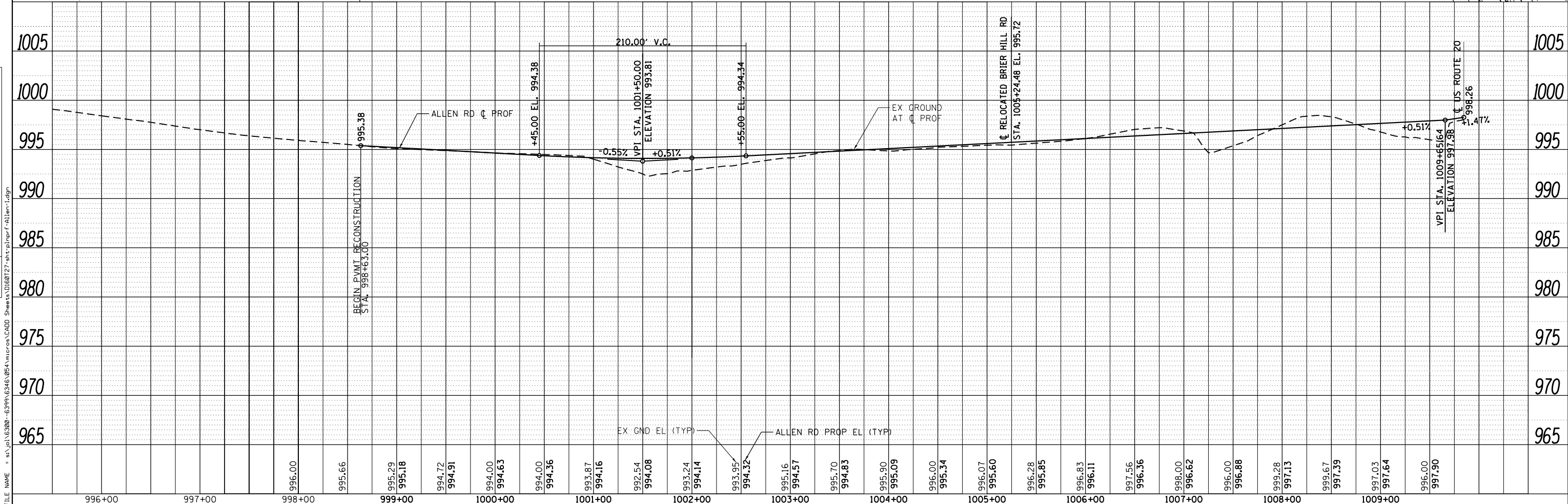
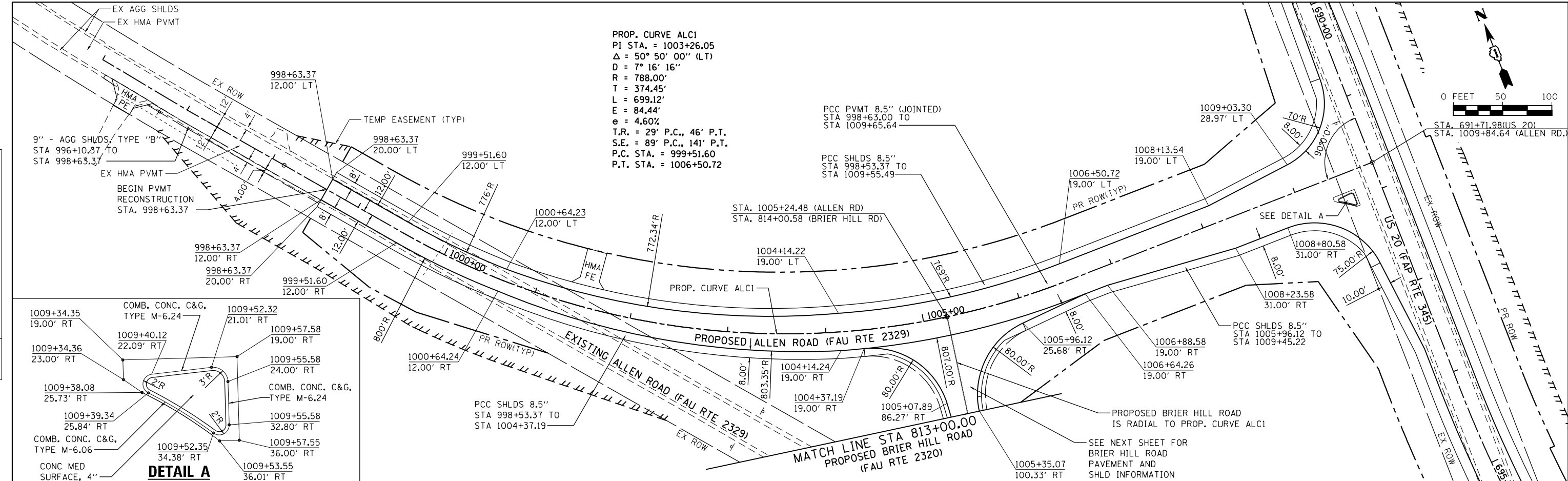
PLAN AND PROFILE - US ROUTE 20  
SCALE: 50'-H 5'-V SHEET 2 OF 4 SHEETS STA. 696+00.00 TO STA. 712+60.00

F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 35
CONTRACT NO. 60T27			ILLINOIS FED. AID PROJECT	

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PROFILE	SURVEYED
	NOTED
	CHECKED
	FILED
	NO.



STRAND ASSOCIATES  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME =	dennisw	DESIGNED -	JLB	REVISED -	
MODEL NAME =	Default	DRAWN -	BJF DJW	REVISED -	
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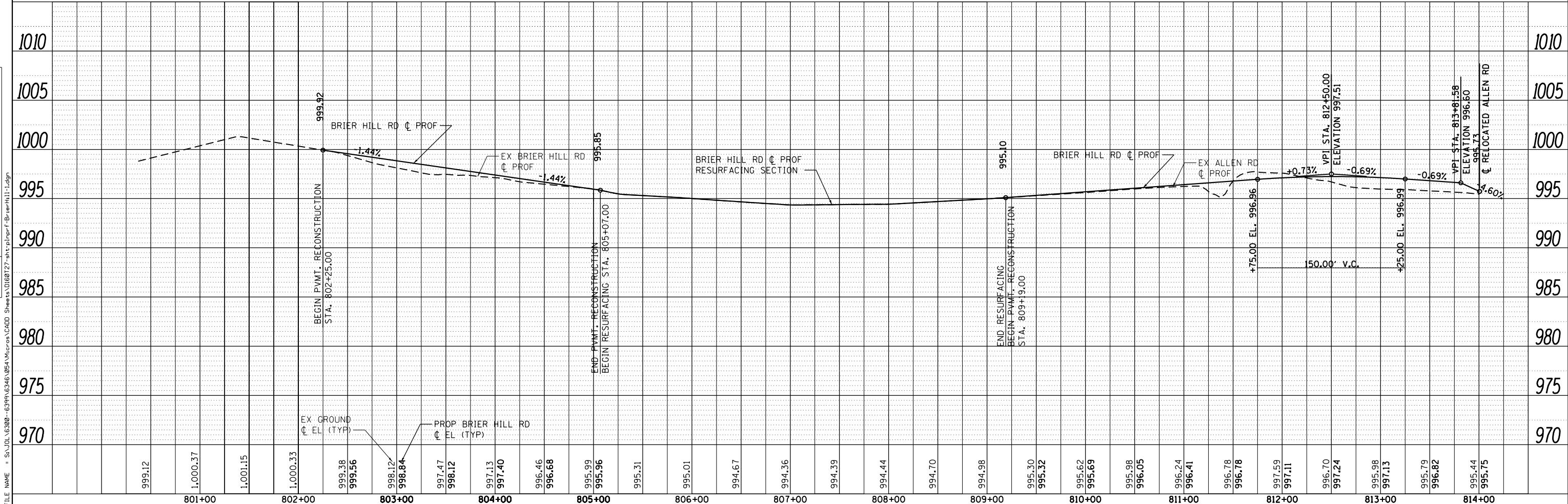
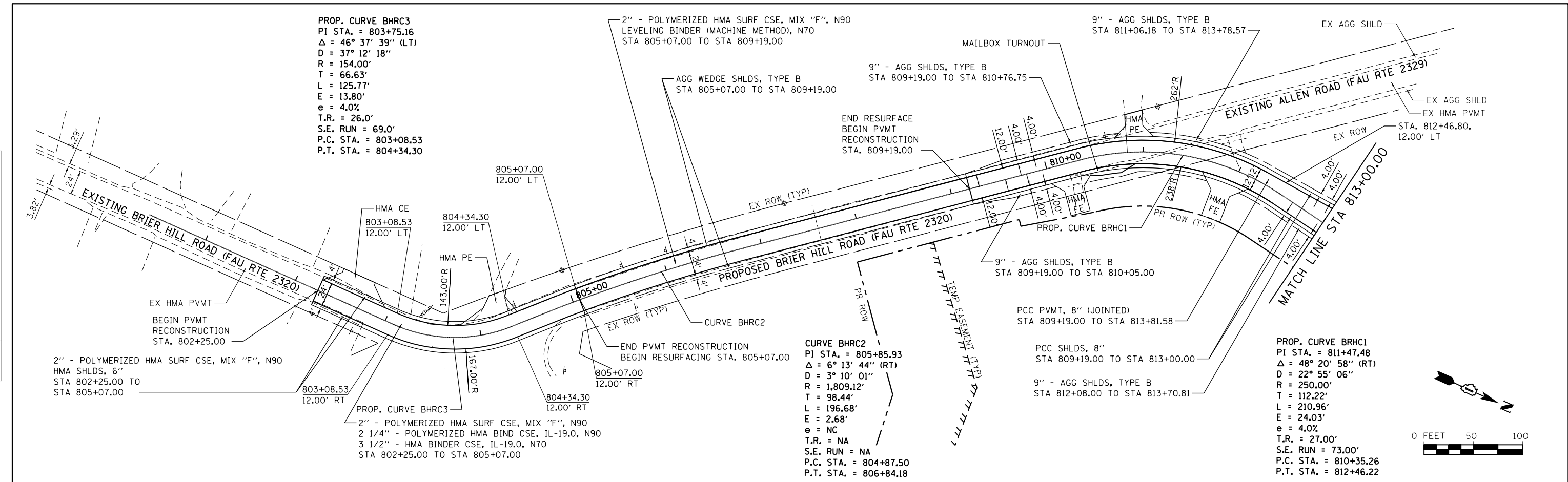
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE - ALLEN ROAD  
 SCALE: 50'-H 5'-V SHEET 3 OF 4 SHEETS STA. 996+00.00 TO STA. 1009+84.58

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	36
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

DATE	
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PROFILE	
SURVEYED	
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GRADES CHECKED	
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1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 STRAND ASSOCIATES®  
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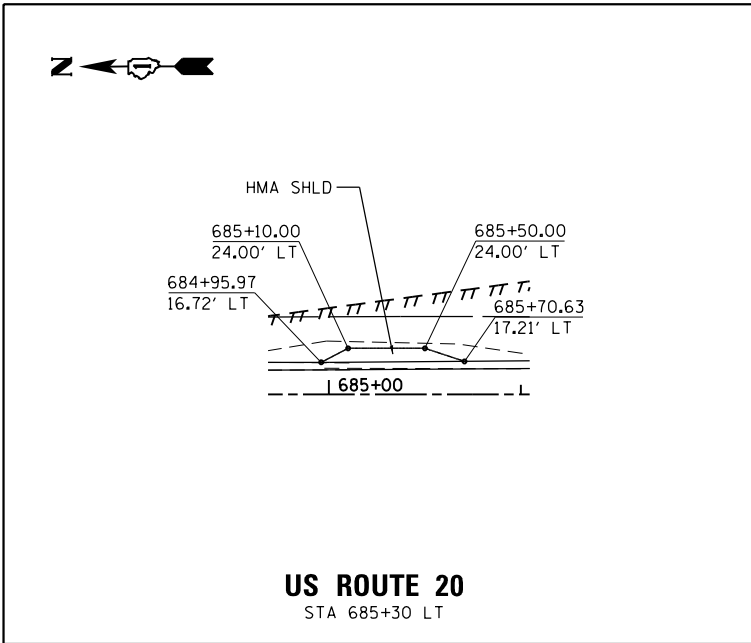
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PLOT DATE = 7/22/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

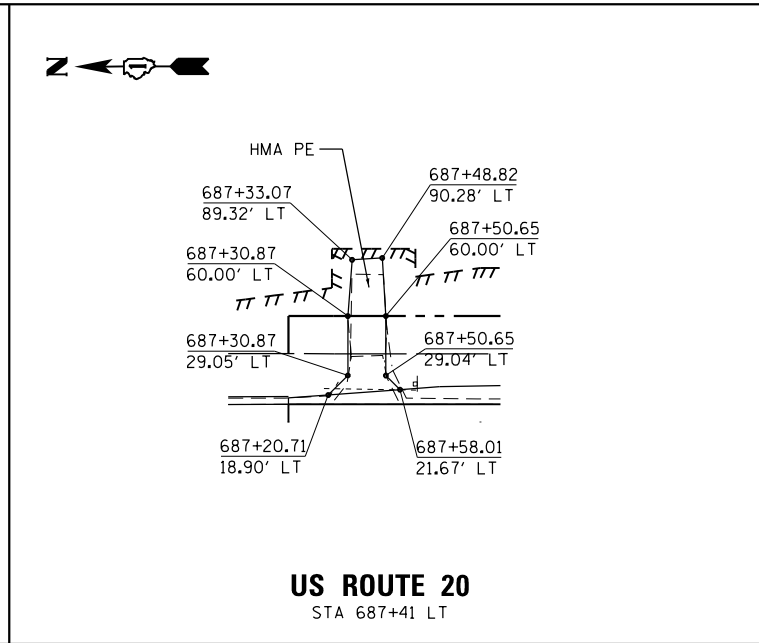
**PLAN AND PROFILE - BRIER HILL ROAD**  
 SCALE: 50'-H 5'-V SHEET 4 OF 4 SHEETS STA. 800+43.74 TO STA. 813+00.00

F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 37
CONTRACT NO. 60T27				ILLINOIS FED. AID PROJECT

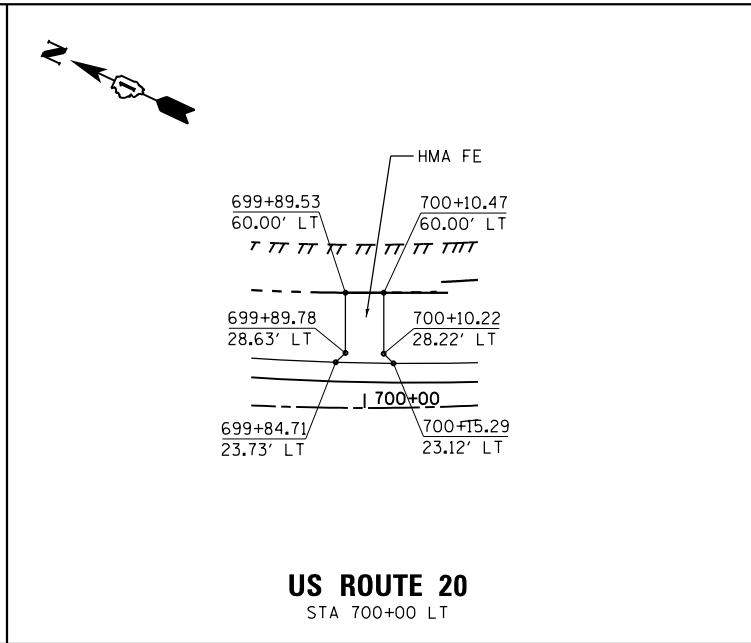
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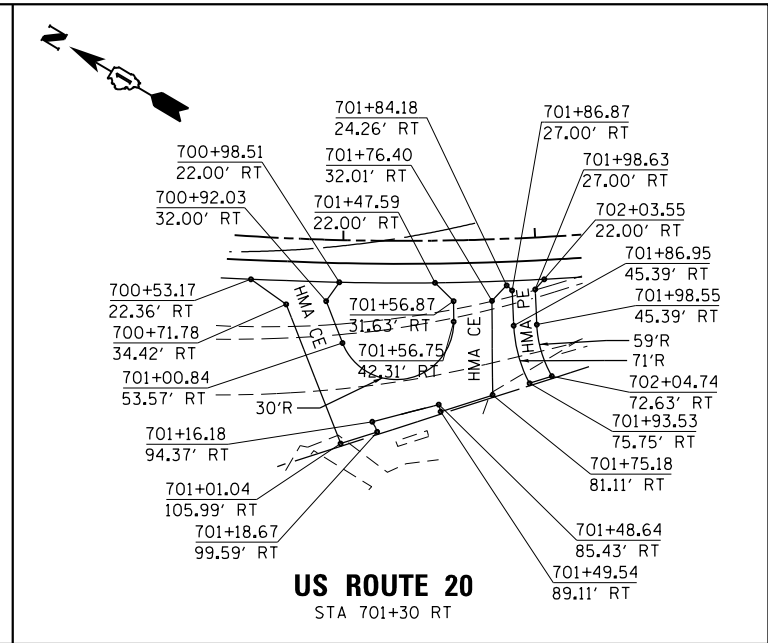
**US ROUTE 20**  
STA 685+30 LT



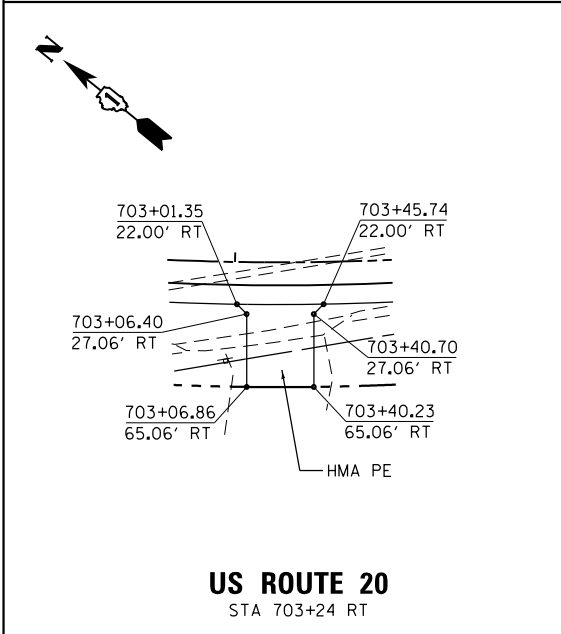
**US ROUTE 20**  
STA 687+41 LT



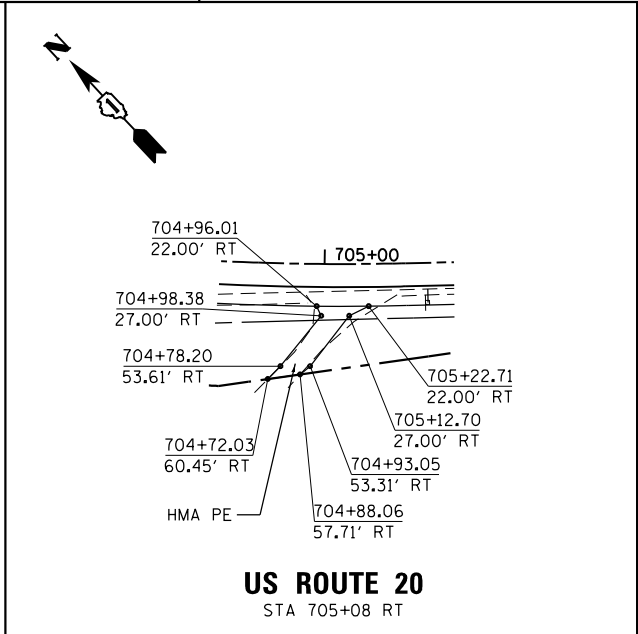
**US ROUTE 20**  
STA 700+00 LT



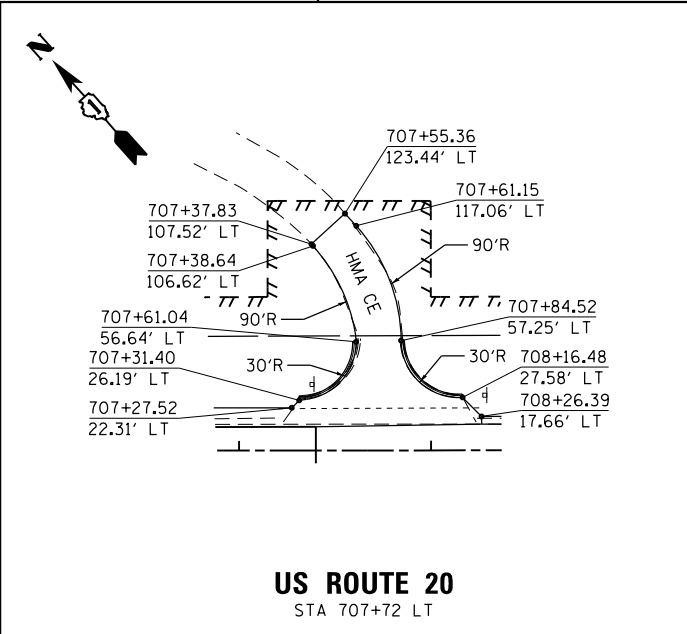
**US ROUTE 20**  
STA 701+30 RT



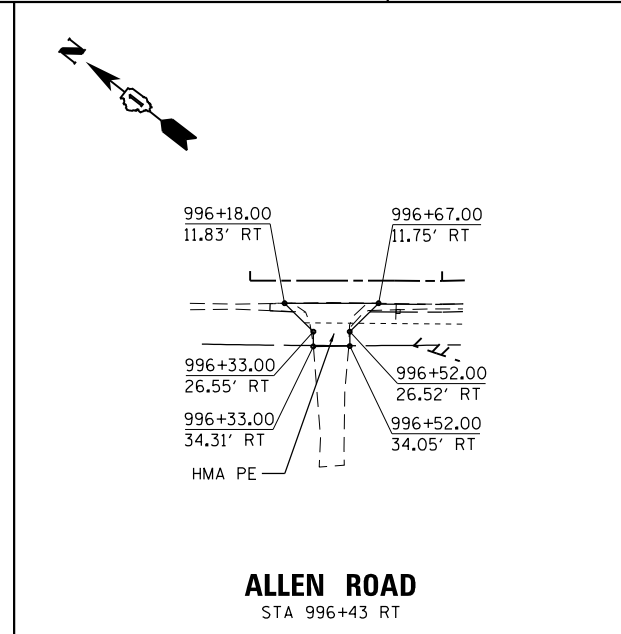
**US ROUTE 20**  
STA 703+24 RT



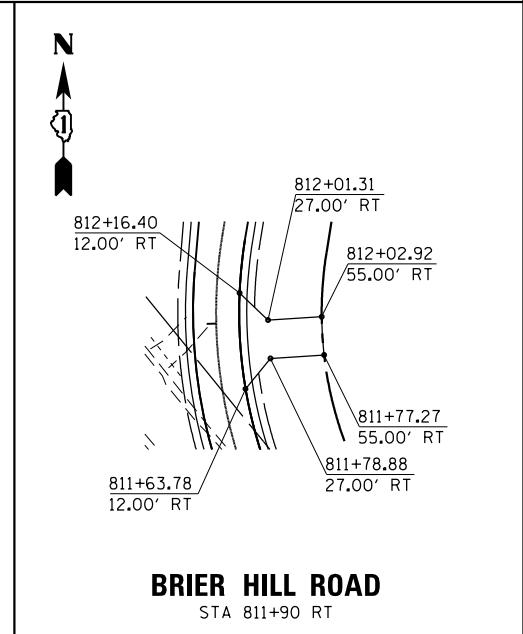
**US ROUTE 20**  
STA 705+08 RT



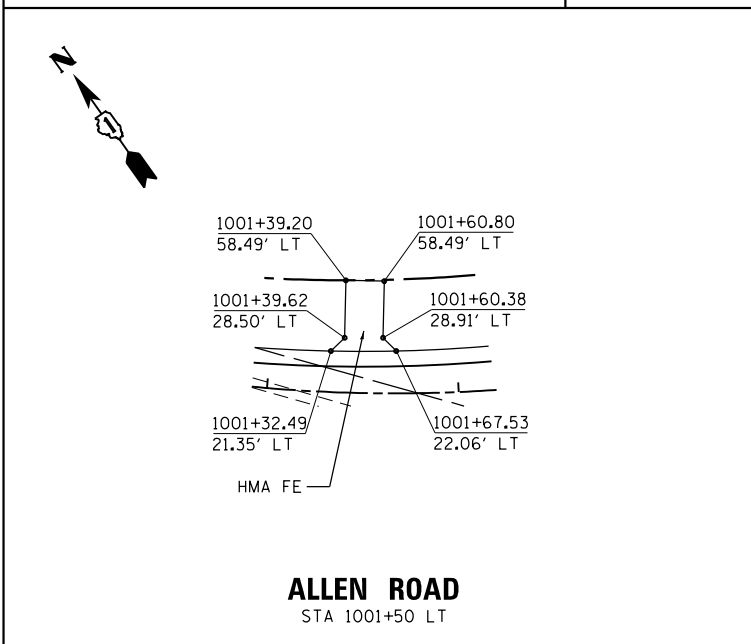
**US ROUTE 20**  
STA 707+72 LT



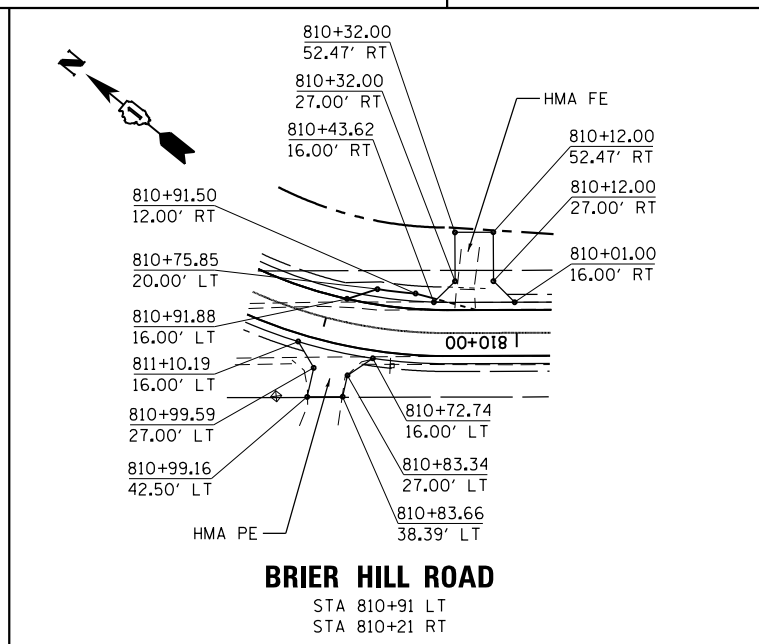
**ALLEN ROAD**  
STA 996+43 RT



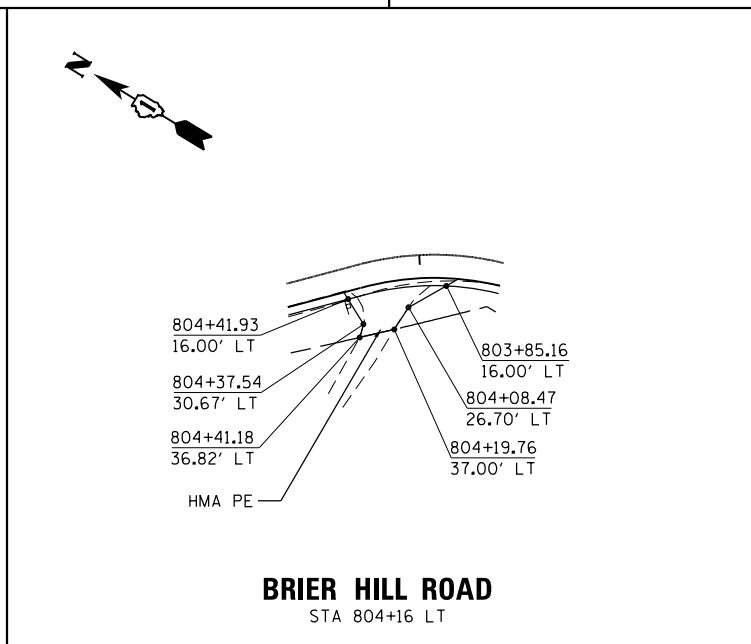
**BRIER HILL ROAD**  
STA 811+90 RT



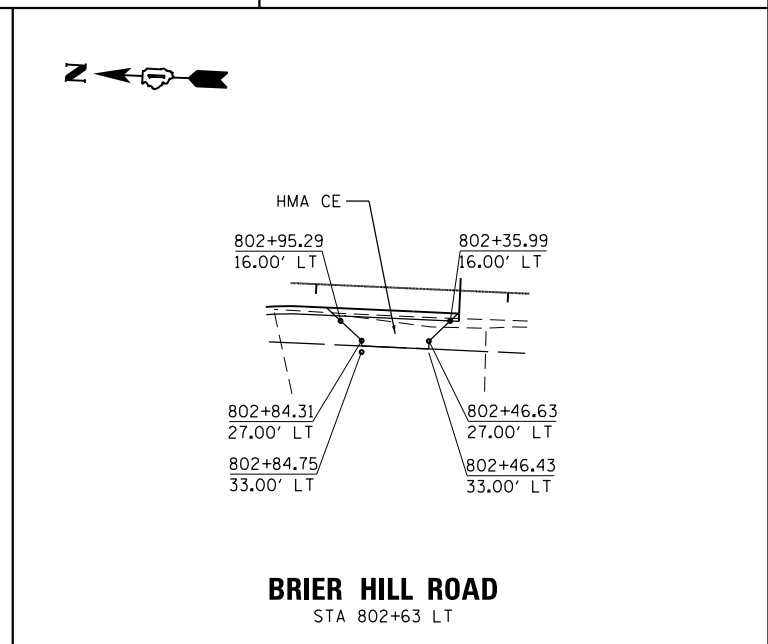
**ALLEN ROAD**  
STA 1001+50 LT



**BRIER HILL ROAD**  
STA 810+91 LT  
STA 810+21 RT



**BRIER HILL ROAD**  
STA 804+16 LT



**BRIER HILL ROAD**  
STA 802+63 LT



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennissw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS	
SCALE: 1" = 50'	SHEET 1 OF 1 SHEETS
STA.	TO STA.

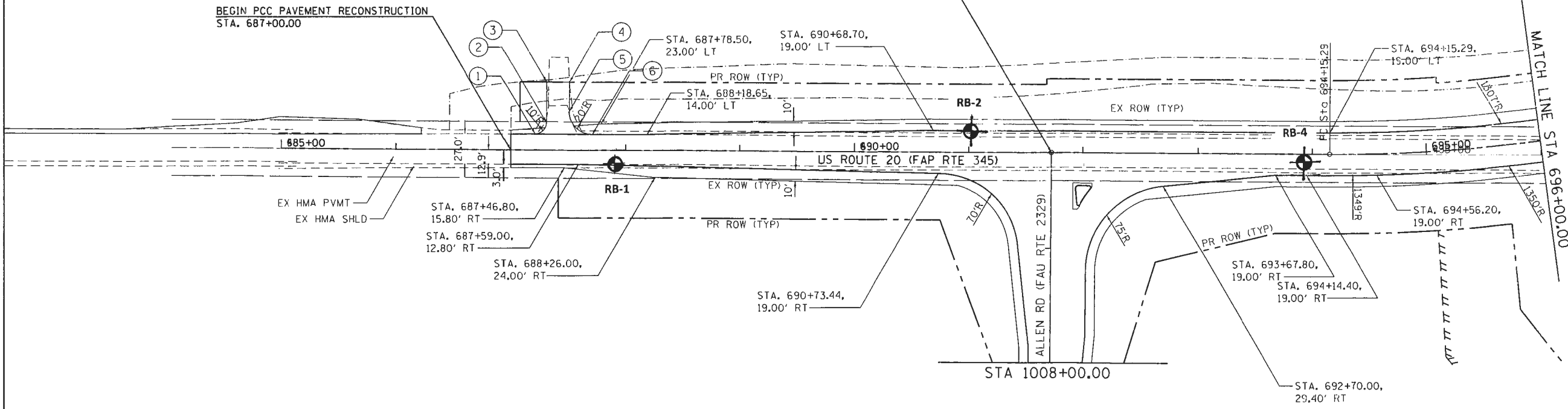
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	38
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

PROPOSED STATION OFFSETS

- ① STA. 684+21.07, 14.10' LT
- ② STA. 687+30.90, 24.10' LT
- ③ STA. 687+30.90, 60.00' LT
- ④ STA. 687+50.60, 60.00' LT
- ⑤ STA. 687+50.60, 34.10' LT
- ⑥ STA. 687+71.10, 14.10' LT

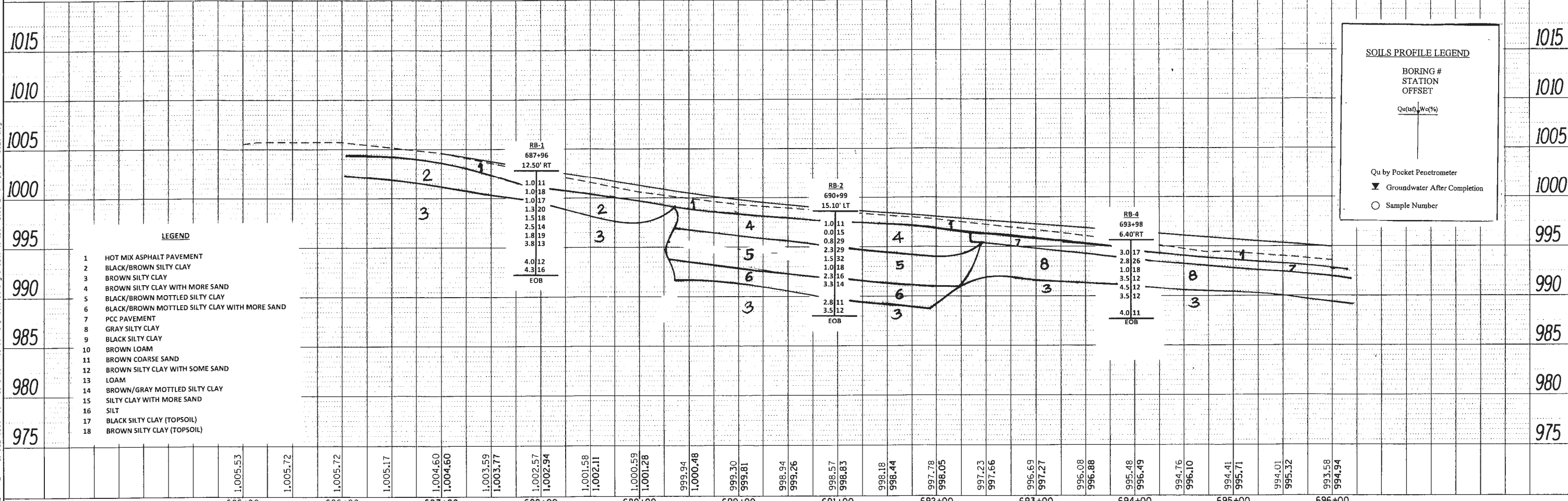


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FOR INFORMATION ONLY

DATE	
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DATE	
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REVISION	
NO.	



**SOILS PROFILE LEGEND**

BORING #  
STATION  
OFFSET

Qu(ta), Wc(%)

Qu by Pocket Penetrometer

Groundwater After Completion

Sample Number

- LEGEND**
- 1 HOT MIX ASPHALT PAVEMENT
  - 2 BLACK/BROWN SILTY CLAY
  - 3 BROWN SILTY CLAY
  - 4 BROWN SILTY CLAY WITH MORE SAND
  - 5 BLACK/BROWN MOTTLED SILTY CLAY
  - 6 BLACK/BROWN MOTTLED SILTY CLAY WITH MORE SAND
  - 7 PCC PAVEMENT
  - 8 GRAY SILTY CLAY
  - 9 BLACK SILTY CLAY
  - 10 BROWN LOAM
  - 11 BROWN COARSE SAND
  - 12 BROWN SILTY CLAY WITH SOME SAND
  - 13 LOAM
  - 14 BROWN/GRAY MOTTLED SILTY CLAY
  - 15 SILTY CLAY WITH MORE SAND
  - 16 SILT
  - 17 BLACK SILTY CLAY (TOPSOIL)
  - 18 BROWN SILTY CLAY (TOPSOIL)

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1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisk MODEL NAME = Default PLOT SCALE = 50.0000' / in. PLOT DATE = 6/6/2013	DESIGNED - JLB DRAWN - BJF DJW CHECKED - MAG DATE - 5/31/13	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>				<b>PLAN AND PROFILE - US ROUTE 20</b>				F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 39
	SCALE: 50-H 5-V    SHEET    OF    SHEETS    STA.    TO    STA.				ILLINOIS FED. AID PROJECT				CONTRACT NO. 60T27							



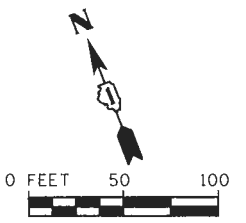
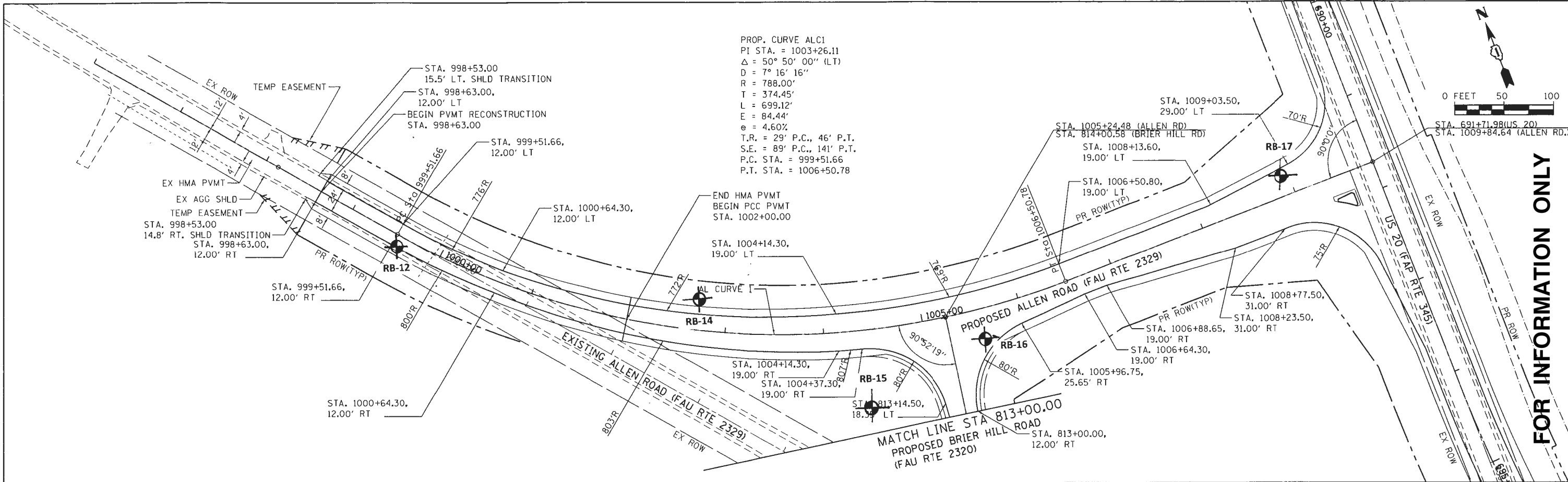




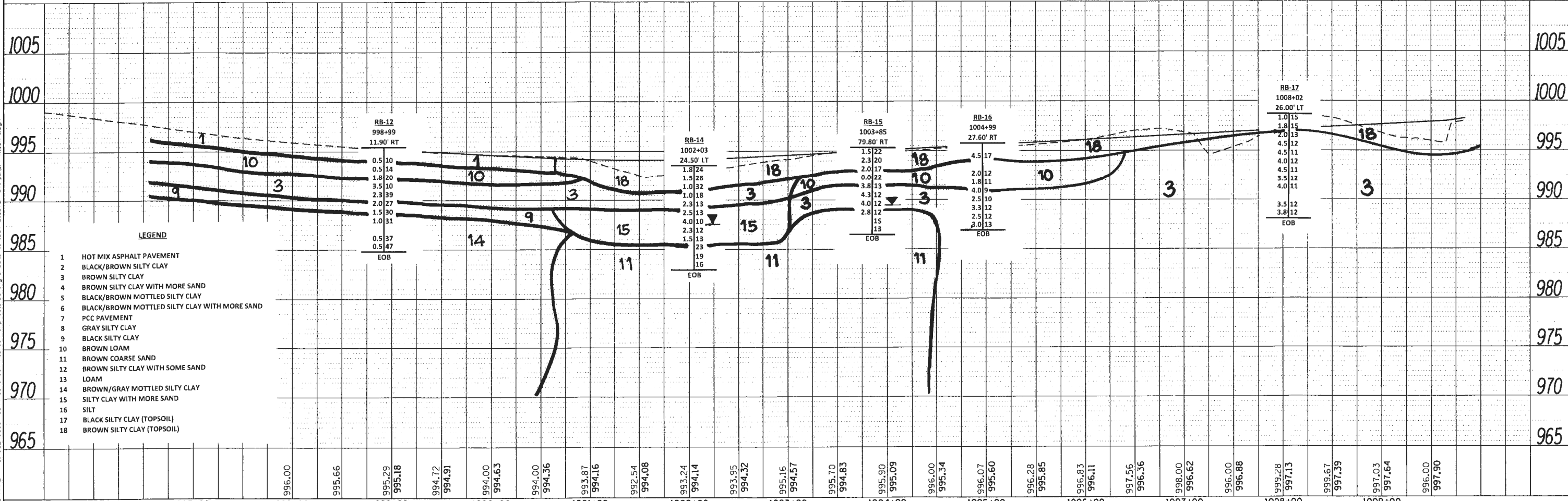
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FOR INFORMATION ONLY



**SA STRAND ASSOCIATES**  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = denisau	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 6/6/2013	DATE - 5/31/13	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE - ALLEN ROAD			
SCALE: 50-H 5-V	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 41
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60T27



**PRE-STAGE:**

**US ROUTE 20:**  
 MAINTAIN EXISTING 2-WAY TRAFFIC USING HIGHWAY STANDARD 701326 DURING CONSTRUCTION OF TEMPORARY RUNAROUND ALONG THE EAST EDGE OF US ROUTE 20.

CONSTRUCT THE TEMPORARY RUNAROUND USING HIGHWAY STANDARD 701326. CONSTRUCT THE TEMPORARY INTERSECTION FROM ALLEN ROAD TO THE TEMPORARY RUNAROUND, AND CONSTRUCT ALL TEMPORARY DRIVES ON US ROUTE 20.

**ALLEN ROAD:**  
 MAINTAIN EXISTING 2-WAY TRAFFIC USING HIGHWAY STANDARD 701326 DURING CONSTRUCTION OF TEMPORARY RUNAROUND ALONG THE SOUTH EDGE OF ALLEN ROAD USING HIGHWAY STANDARD 701326.

**STAGE 1:**

**US ROUTE 20:**  
 INSTALL STAGE 1 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINTAIN 2-WAY TRAFFIC BY UTILIZING THE TEMPORARY RUNAROUND USING HIGHWAY STANDARD 701331. CONSTRUCT US ROUTE 20 FROM STA. 687+00.00 TO STA. 699+46.00 AND STA. 700+21.00 TO STA. 707+40.00. STRIPE PERMANENT PAVEMENT MARKINGS AND PLACE PERMANENT SIGNS.

REMOVE THE EXISTING US 20 PAVEMENT FROM STA. 487+00.00 TO STA. 507+80.00, WITH THE EXCEPTION OF PAVEMENT NECESSARY TO MAINTAIN A TEMPORARY INTERSECTION WITH ALLEN ROAD AND BRIER HILL ROAD. CONSTRUCT DRAINAGE BASIN #1.

**ALLEN ROAD:**  
 INSTALL STAGE 1 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINTAIN 2-WAY TRAFFIC BY UTILIZING THE TEMPORARY RUNAROUND. CONSTRUCT ALLEN ROAD FROM STA. 998+67.00 TO STA. 1009+55.20. STRIPE PERMANENT PAVEMENT MARKINGS AND PLACE PERMANENT SIGNS.

**BRIER HILL ROAD:**  
 INSTALL STAGE 1 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINTAIN 2-WAY TRAFFIC BY UTILIZING THE EXISTING BRIER HILL ROAD ALIGNMENT AND TEMPORARY INTERSECTION CONSTRUCTED IN US ROUTE 20 STAGE 1.

**STAGE 1A:**

**US ROUTE 20:**  
 RELOCATE TEMPORARY CONCRETE BARRIERS AND TEMPORARY INTERSECTION BETWEEN US ROUTE 20 TEMPORARY RUNAROUND AND ALLEN ROAD USING HIGHWAY STANDARD 701326. CONSTRUCT US ROUTE 20 PROPOSED PAVEMENT FROM STA. 699+46.00 TO STA. 700+21.00.

**STAGE 2:**

**US ROUTE 20:**  
 INSTALL STAGE 2 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINLINE 2-WAY TRAFFIC WILL UTILIZE THE PAVEMENT CONSTRUCTED IN STAGE 1. MAINTAIN 2-WAY TRAFFIC AT THE INTERSECTION OF BRIER HILL ROAD CONSTRUCTED IN STAGE 1A. REMOVE TEMPORARY US ROUTE 20 RUNAROUND.

**ALLEN ROAD:**  
 INSTALL STAGE 2 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINLINE 2-WAY TRAFFIC WILL UTILIZE THE NEW PROPOSED ALIGNMENT AND PAVEMENT CONSTRUCTED IN STAGE 1. REMOVE TEMPORARY ALLEN ROAD RUNAROUND. REMOVE PAVEMENT FROM STA. 198+67.00 TO STA. 206+30.00 AND CONSTRUCT DRAINAGE BASIN #2 ON SOUTH SIDE OF ALLEN ROAD.

**BRIER HILL ROAD:**  
 CLOSE ALLEN ROAD AT BRIER HILL ROAD. CONSTRUCT NEW ALIGNMENT BRIER HILL ROAD PAVEMENT FROM STA. 809+19.00 TO STA. 813+70.00. ALL TRAFFIC ON EXISTING BRIER HILL ROAD WILL UTILIZE THE TEMPORARY INTERSECTION OF US ROUTE 20 CONSTRUCTED IN STAGE 1A.

**STAGE 3:**

REDUCING BRIER HILL ROAD TO ONE LANE, UTILIZING FLAGGERS DURING THE RECONSTRUCTION FROM STA. 802+25.00 TO STA. 805+07.00, SHALL BE LIMITED TO TWO WEEKENDS A TOTAL OF 48 HOURS ON SATURDAY AND SUNDAY EACH WEEKEND. THE CONTRACTOR SHALL REQUEST PRIOR APPROVAL FOR THE WEEKEND FROM THE ENGINEER. AT THE END OF THE WEEKEND, THE PAVEMENT SHALL HAVE AN ACCEPTABLE DRIVING SURFACE FOR STAGED CONSTRUCTION TO COMPLETE BRIER HILL ROAD.

**STAGE 3A:**

**BRIER HILL ROAD:**  
 INSTALL STAGE 3A TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. ONE-WAY TRAFFIC WITH FLAGGERS ON BRIER HILL ROAD USING HIGHWAY STANDARD 701501 DURING CONSTRUCTION. CONSTRUCT THE WEST HALF OF PROPOSED BRIER HILL ROAD FROM STA. 802+30.00 TO STA. 809+19.00.

**STAGE 3B:**

**BRIER HILL ROAD:**  
 INSTALL STAGE 3B TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. ONE-WAY TRAFFIC WITH FLAGGERS ON BRIER HILL ROAD USING HIGHWAY STANDARD 701501 DURING CONSTRUCTION. CONSTRUCT THE EAST HALF OF PROPOSED BRIER HILL ROAD FROM STA. 802+30.00 TO STA. 809+19.00.

**GENERAL NOTES:**

- ALL TEMPORARY LANES SHALL MAINTAIN AN 11-FT MINIMUM WIDTH, UNLESS OTHERWISE NOTED.
- BARRICADES/DRUMS USED DURING CONSTRUCTION SHALL BE PLACED 20 FT. APART ALONG ALL TAPERS AND RADII, AND 50 FT APART ALONG ALL TANGENTS.
- ALL UNDERGROUND UTILITY WORK SHALL BE COORDINATED WITH THE SUGGESTED MAINTENANCE OF TRAFFIC.
- CONSTRUCTION AREAS SHALL BE DEFINED IN COORDINATION WITH PAVEMENT JOINT LOCATIONS.
- ALL DRIVEWAYS SHALL BE CONSTRUCTED IN HALVES TO MAINTAIN ACCESS AT ALL TIMES UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. COMMERCIAL DRIVEWAY ENTRANCES SHALL UTILIZE "DRIVEWAY ENTRANCE" SIGN SHOWN ON TC-26.
- SAW CUTTING OF THE EXISTING PAVEMENT FOR SUBSEQUENT STAGE CONSTRUCTION SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.
- ALL TEMPORARY PAVEMENT MARKINGS IN CONFLICT OR NO LONGER NEEDED MUST BE REMOVED BEFORE STARTING THE NEW TRAFFIC CONFIGURATION FOR NEXT MOT STAGE.
- POSITIVE (+) OFFSETS DENOTE TO THE RIGHT OF THE ALIGNMENT. NEGATIVE (-) OFFSETS DENOTE TO THE LEFT OF THE ALIGNMENT.
- ANY TEMPORARY BARRIER WALL INSTALLED WITH A HAZARD (FIXED OBJECT OR DROP-OFF) WITHIN 3.5 FEET BEHIND THE WALL SHALL BE CONTINUOUSLY PINNED TO THE PAVEMENT.
- MAINTENANCE OF TRAFFIC PLAN SHOWN IS SUGGESTED.
- ALL TEMPORARY IMPACT ATTENUATORS ON US 20 SHALL BE IMPACT ATTENUATORS, TEMPORARY SEVERE USE, NARROW, TEST LEVEL 3.
- ALL TEMPORARY IMPACT ATTENUATORS ON ALLEN ROAD AND BRIER HILL ROAD SHALL BE IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2.
- IN PRE-STAGE, STAGE 2 AND STAGE 3, DROP-OFFS FROM THE EXISTING OR PROPOSED EDGE OF PAVEMENT SHALL NOT EXCEED 18" FOR MORE THAN 48 HOURS.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AND SIDE ROADS DURING CONSTRUCTION OPERATIONS. A QUANTITY OF "TEMPORARY ACCESS (PRIVATE ENTRANCE)", "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)", AND "TEMPORARY ACCESS (FIELD ENTRANCE)" HAS BEEN INCLUDED IN THE CONTRACT.
- THE CONTRACTOR SHALL NOTIFY ALL LOCAL AGENCIES, EMERGENCY SERVICES AND SCHOOL DISTRICTS THAT WILL BE AFFECTED BY ANY ROAD CLOSURES 72 HOURS PRIOR TO THEIR IMPLEMENTATION.
- PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THE MESSAGES SHOWN SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AS "CHANGEABLE MESSAGE SIGN" PER CALENDAR MONTH.
- THE CONTRACTOR SHALL ERECT TEMPORARY STREET NAME SIGNS THROUGHOUT CONSTRUCTION. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
- THE CONTRACT INCLUDES QUANTITY FOR ONE ADDITIONAL APPLICATION OF WET REFLECTIVE TEMPORARY TAPE, TYPE III.
- CONTRACTOR SHALL PROTECT LANDSCAPING AND ROCK RETAINING WALL DURING CONSTRUCTION OF THE US 20 RUNAROUND FROM STATION 30+85 TO STATION 31+30.
- DETOUR SIGNING SHALL HAVE BLACK LETTERS WITH 5" MIN. HEIGHT ON ORANGE BACKGROUND.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- TEMPORARY CONCRETE BARRIERS SHALL BE FLARED AWAY FROM TRAFFIC AT A MINIMUM RATE OF 12:1.

**LEGEND**

- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
- ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
- ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
- ④ TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID YELLOW
- DOUBLE VERTICAL PANEL WITH BI-DIRECTIONAL STEADY BURN LIGHTS AT 50' SPACING
- TEMPORARY STOP BARS
- DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16. PLACED AT 50' C-C ON TANGENTS AND 20' C-C ON TAPERS AND RADII.
- SIGN (SHOWN FACING LEFT)
- TYPE III BARRICADE WITH TWO FLASHING LIGHTS
- DIRECTION OF TRAFFIC INDICATORS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
- TEMPORARY PAVEMENT (10" HMA OR 8" PCC), FOR US 20
- TEMPORARY PAVEMENT (8" HMA OR 8" PCC), FOR ALLEN ROAD AND BRIER HILL ROAD
- CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED. CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
- MONO-DIRECTIONAL FLASHING BEACON
- DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

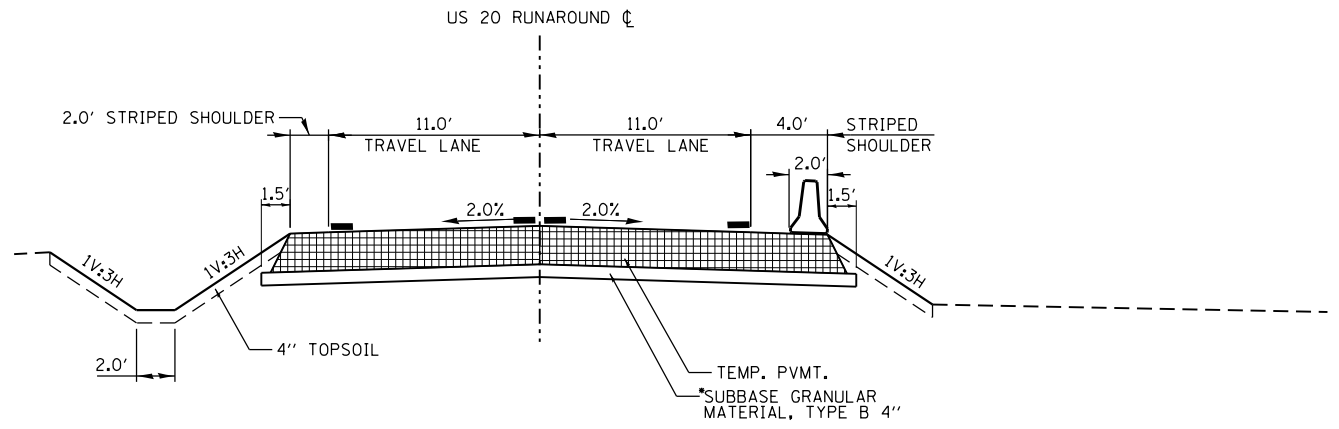
**WINTER SHUT DOWN:**

THE FOLLOWING SHALL BE COMPLETED PRIOR TO THE END OF THE CONSTRUCTION SEASON:

- NO DROP-OFFS AT THE EDGES OF PAVEMENT WILL BE ALLOWED.
- BARRELS SHALL BE REPLACED WITH VERTICAL PANELS.
- TAPE OR PAINT USED FOR TEMPORARY PAVEMENT MARKINGS SHALL BE REPLACED WITH THERMOPLASTIC PAVEMENT MARKINGS PRIOR TO WINTER SHUT DOWN.
- AGGREGATE SURFACES USED FOR TEMPORARY ACCESS SHALL BE REPLACED WITH HOT-MIX ASPHALT SURFACE COURSE. PAID FOR AS TEMPORARY ACCESS (WINTERIZED).

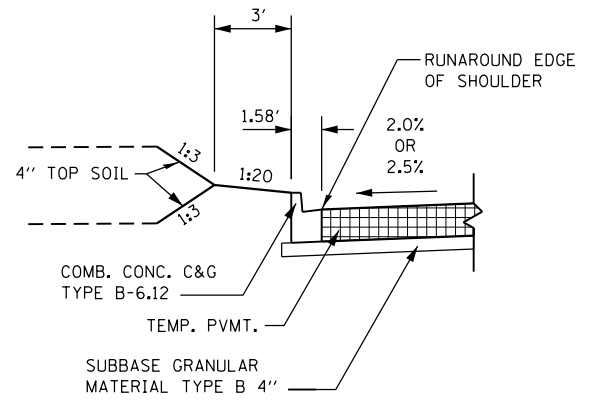
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 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennissw	DESIGNED - JLB	REVISED -	<b>STATE OF ILLINOIS                  DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED MAINTENANCE OF TRAFFIC                  LEGEND &amp; GENERAL NOTES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL NAME = Default	DRAWN - BJF DJW	REVISED -					345	10N-1	KANE	187	43
PLOT SCALE = 100.0000' / in.	CHECKED - MAG	REVISED -	CONTRACT NO. 60T27									
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -	ILLINOIS FED. AID PROJECT									



**PROPOSED US 20 RUNAROUND TYPICAL SECTION**

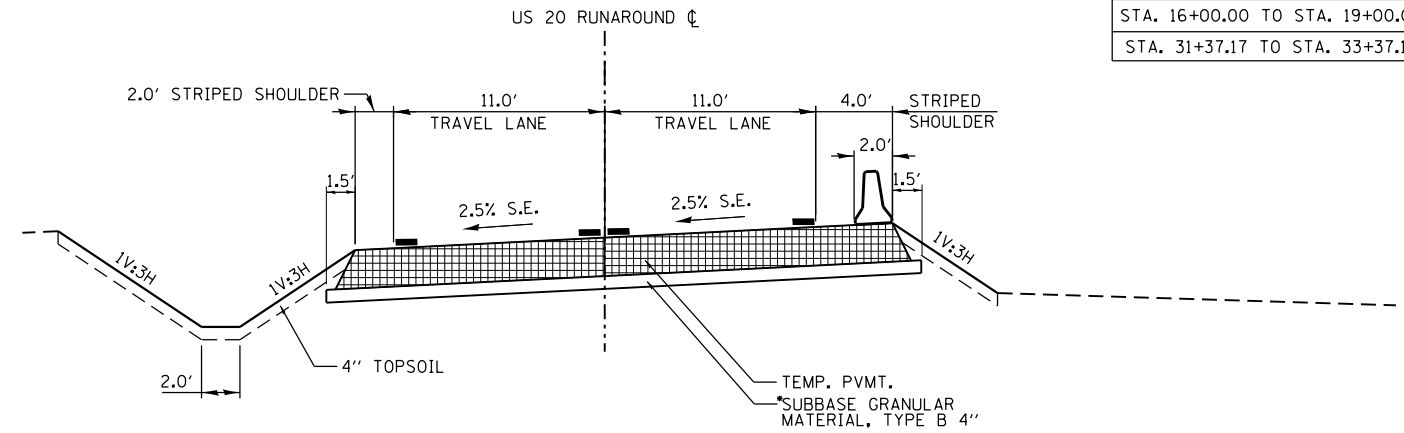
STA. 10+00.00 TO STA. 21+61.00  
STA. 32+37.00 TO STA. 39+27.59



**PRESTAGE - US 20 LEFT EOP CURB AND GUTTER**

STA. 12+00.00 TO STA. 14+00.00  
STA. 28+00.00 TO STA. 30+50.00

*AGGREGATE SUBGRADE IMPROVEMENT 12"
LOCATIONS
STA. 16+00.00 TO STA. 19+00.00
STA. 31+37.17 TO STA. 33+37.17

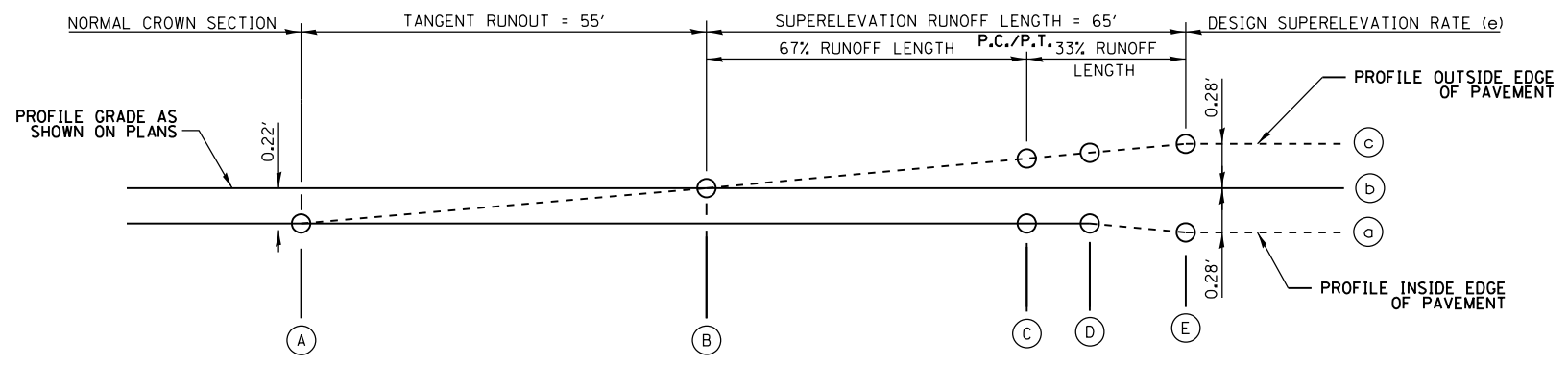


**PROPOSED US 20 RUNAROUND TYPICAL SECTION**

STA. 21+61.00 TO STA. 32+37.00

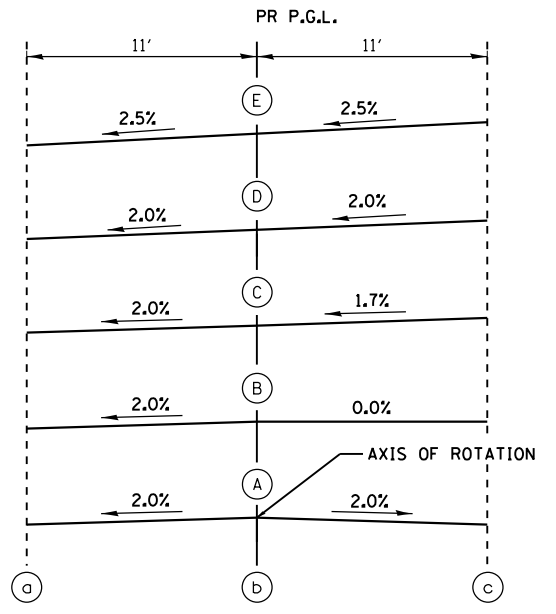
**LEGEND**

- TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
- CONSTRUCTION THIS STAGE
- TRAFFIC FLOW DIRECTION



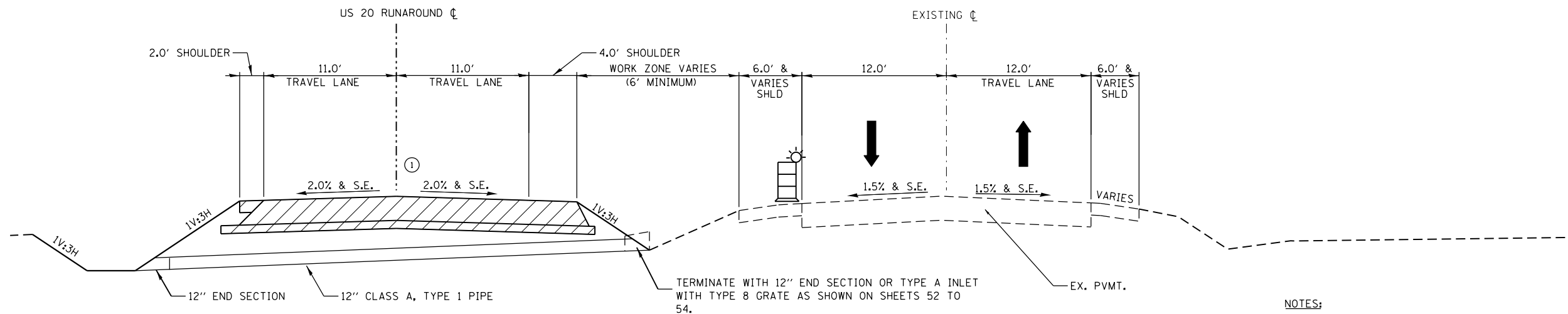
**PROPOSED US 20 RUNAROUND SUPERELEVATION TRANSITION DIAGRAM**

STA. 20+41.00 TO STA. 21+61.00 AND STA. 32+27.00 TO STA. 33+47.00



A	2.00%	STA. 20+41.00	STA. 33+47.00
B	0.00%	STA. 20+96.00	STA. 32+92.00
C	-1.67%	STA. 21+39.45	STA. 32+48.42
D	-2.00%	STA. 21+48.00	STA. 32+10.75
E	-2.50%	STA. 21+61.00	STA. 32+27.00

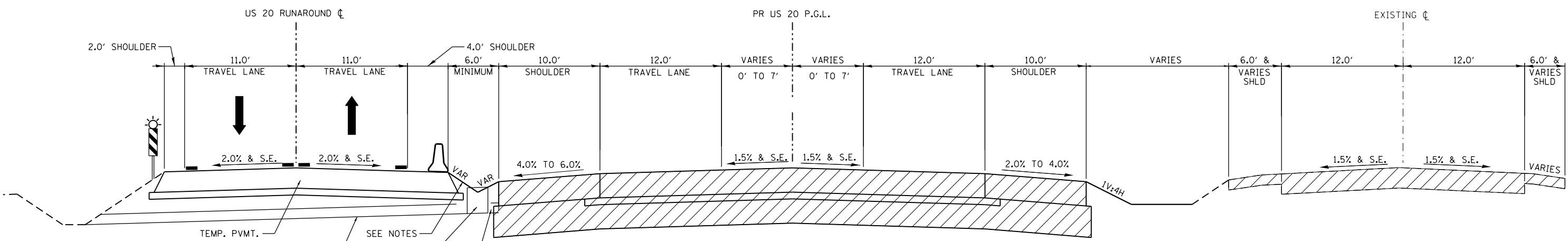
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**US ROUTE 20 PRESTAGE DETAIL**

STA. 14+26.60 TO STA. 34+27.20

NOTES:  
 ① REFER TO PRE-STAGE CROSS SECTIONS FOR TEMPORARY PAVEMENT CROSS SLOPES.



**US ROUTE 20 STAGE 1 & 1A DETAIL**

STA. 14+26.60 TO STA. 34+27.20 (US ROUTE 20 RUNAROUND)  
 \* STA. 687+00.00 TO STA. 707+40.00 (PROPOSED US ROUTE 20)  
 \* STA. 487+00.00 TO STA. 507+80.00 (EXISTING US ROUTE 20)

\* EXCLUDING EXISTING AND PROPOSED PAVEMENT TO BE USED AS TEMPORARY INTERSECTION APPROX. STA. 699+40.00 TO STA. 700+20.00 (PROPOSED US ROUTE 20)  
 APPROX. STA. 499+40.00 TO 500+20.00 (EXISTING US ROUTE 20)

EXCLUDED PAVEMENT SECTIONS TO BE CONSTRUCTED IN STAGE 1A WITH RELOCATED TEMPORARY INTERSECTION (SEE MAINTENANCE OF TRAFFIC PLAN SHEETS)

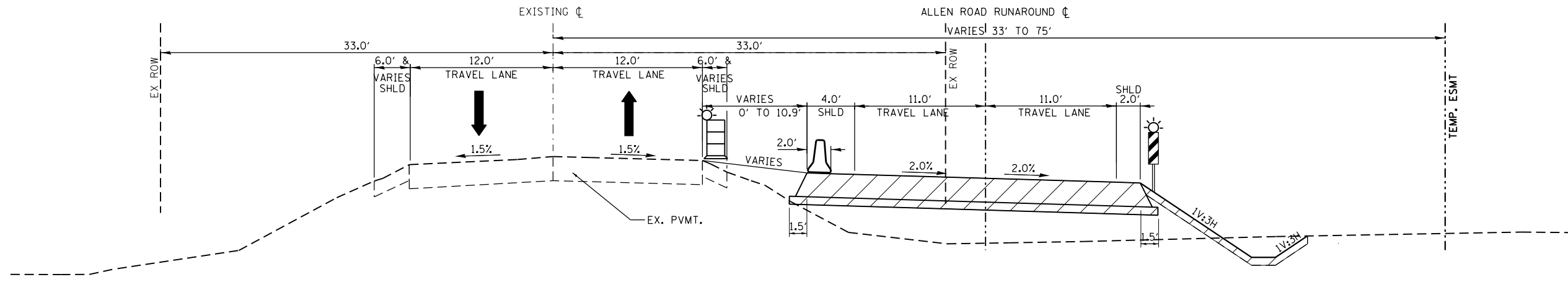
NOTES:  
 STAGE 1 EARTHWORK QUANTITIES ON THE NORTH SIDE OF US 20 AND SOUTH SIDE OF ALLEN ROAD INCLUDE THE NECESSARY EMBANKMENT TO CONSTRUCT THE PERMANENT SHOULDERS BETWEEN THE RUNAROUNDS. EARTH WORK QUANTITIES NECESSARY FOR COMPLETING THE CONSTRUCTION OF THE EMBANKMENTS IN THESE LOCATIONS HAVE BEEN INCLUDED IN STAGE 2.  
 STAGE 1 EARTHWORK NEEDED TO MAINTAIN POSITIVE DRAINAGE TO TEMPORARY STORM SEWER AND CULVERTS BETWEEN THE US 20 RUNAROUND AND PROPOSED US 20 WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE VARIOUS EARTHWORK PAY ITEMS FOR THE PROJECT.

**LEGEND**

- TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
- CONSTRUCTION THIS STAGE
- TRAFFIC FLOW DIRECTION

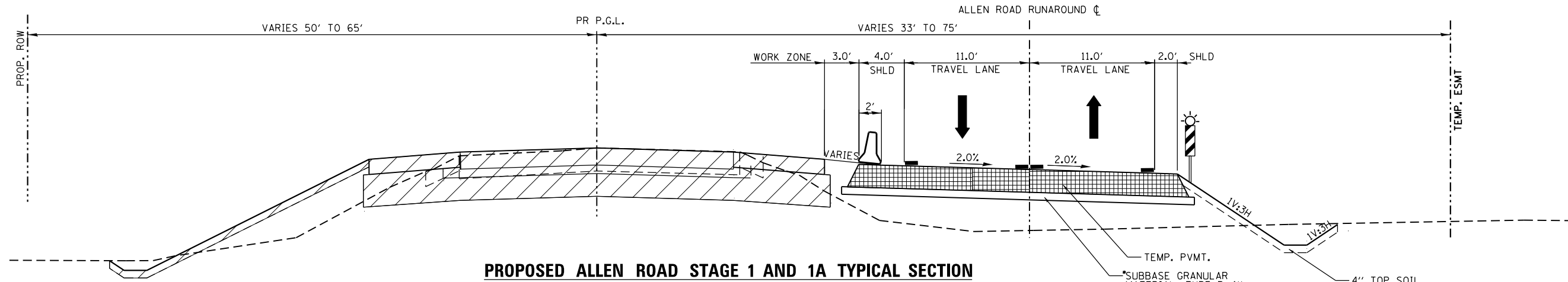
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1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennissw MODEL NAME = Default PLOT SCALE = 10.0000 "/>	DESIGNED - JLB DRAWN - BJF DJW CHECKED - MAG DATE - 6/17/14	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>MOT TYPICAL SECTIONS</b>			F.A.P. RTE. 345 SECTION 10N-1 COUNTY KANE TOTAL SHEETS 187 SHEET NO. 45
	PLOT DATE = 7/1/2014	SCALE:	SHEET OF SHEETS		STA. TO STA.	CONTRACT NO. 60T27 ILLINOIS FED. AID PROJECT		



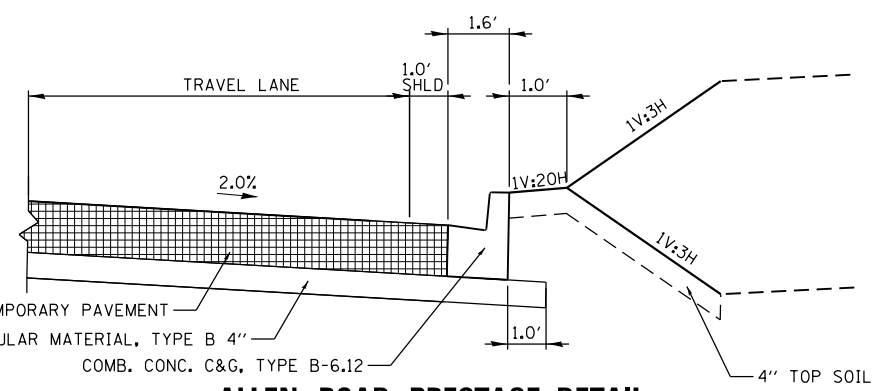
**PROPOSED ALLEN ROAD PRESTAGE TYPICAL SECTION**

STA. 100+00.00 TO STA. 107+02.13 (RUNAROUND)  
 STA. 195+83.63 TO STA. 202+79.14 (EX. ALLEN ROAD)



**PROPOSED ALLEN ROAD STAGE 1 AND 1A TYPICAL SECTION**

STA. 100+00.00 TO STA. 107+02.13 (RUNAROUND)  
 STA. 195+83.63 TO STA. 202+79.14 (EX. ALLEN ROAD)  
 STA. 998+63.00 TO STA. 1002+00.00 (PR. ALLEN ROAD)



**ALLEN ROAD PRESTAGE DETAIL**

NOT TO SCALE  
 STA. 100+73.00 TO STA. 102+20.00

\*AGGREGATE SUBGRADE IMPROVEMENT 12"  
 LOCATIONS  
 STA. 102+19.73 TO STA. 105+11.52

**LEGEND**

TEMPORARY PAVEMENT (8" HMA OR 8" PCC)

CONSTRUCTION THIS STAGE

TRAFFIC FLOW DIRECTION

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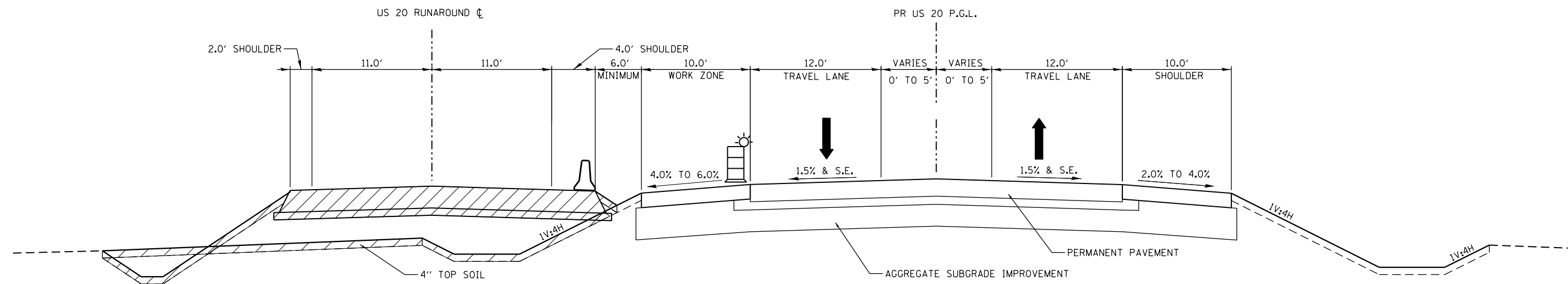
1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw MODEL NAME = Default PLOT SCALE = 10.0000 "/>
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DESIGNED - JLB	REVISED -
DRAWN - BJF DJW	REVISED -
CHECKED - MAG	REVISED -
DATE - 6/17/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

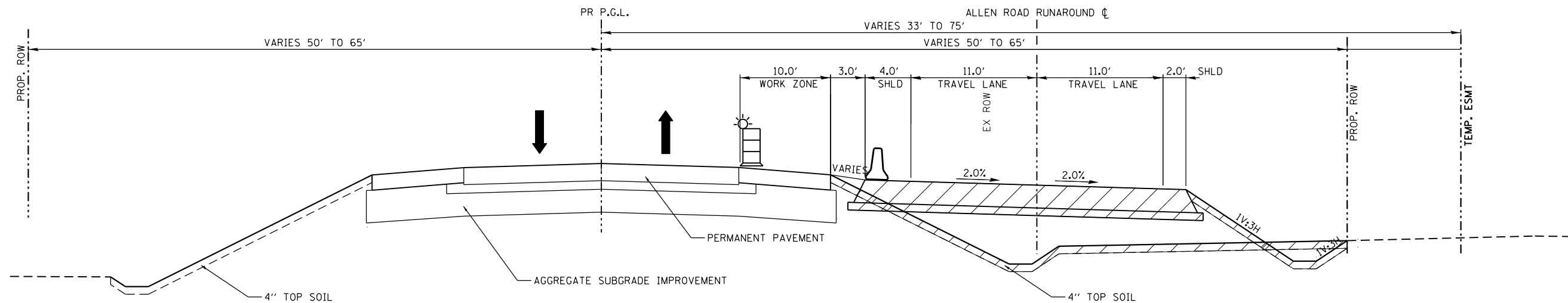
MOT TYPICAL SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



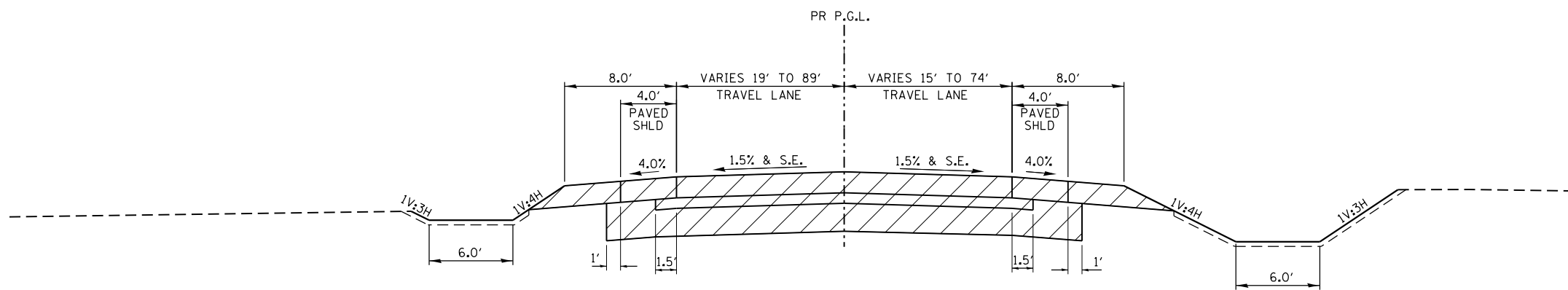
**US ROUTE 20 STAGE 2 DETAIL**

STA. 14+26.60 TO STA. 34+27.20 (US ROUTE 20 RUNAROUND)  
 STA. 687+00.00 TO STA. 707+40.00 (PROPOSED US ROUTE 20)  
 STA. 487+00.00 TO STA. 507+80.00 (EXISTING US ROUTE 20)



**PROPOSED ALLEN ROAD STAGE 2 TYPICAL SECTION**

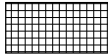


STA. 100+00.00 TO STA. 107+02.13 (RUNAROUND)  
 STA. 195+83.63 TO STA. 202+79.14 (EX. ALLEN ROAD)  
 STA. 998+63.00 TO STA. 1002+00.00 (PR. ALLEN ROAD)



**BRIER HILL ROAD STAGE 2 TYPICAL SECTION**

STA. 809+19.00 TO STA. 813+81.49

**LEGEND**

-  TEMPORARY PAVEMENT (8" HMA OR 8" PCC)
-  CONSTRUCTION THIS STAGE
-  TRAFFIC FLOW DIRECTION

FILE NAME = s:\jpl\63900-6399\6346\05A\microes\CADD Sheets\0160727-shr-staging-typicals.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
 USER NAME = dennisw  
 MODEL NAME = Default  
 PLOT SCALE = 10.0000 "/>

DESIGNED - JLB  
 DRAWN - BJF DJW  
 CHECKED - MAG  
 DATE - 6/17/14

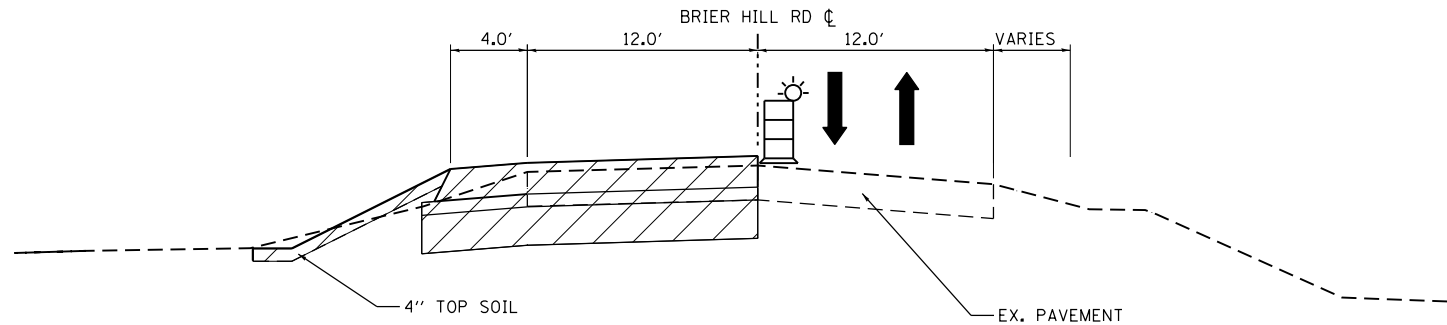
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 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MOT TYPICAL SECTIONS**

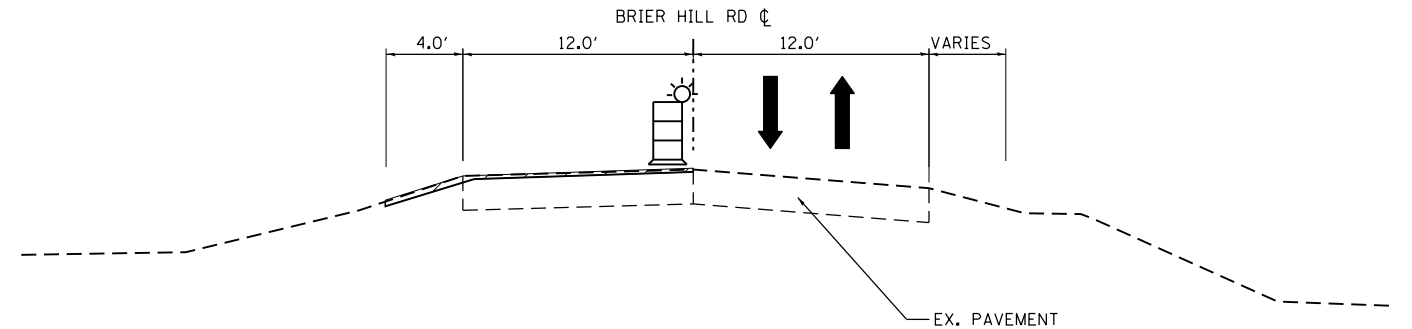
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	47
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



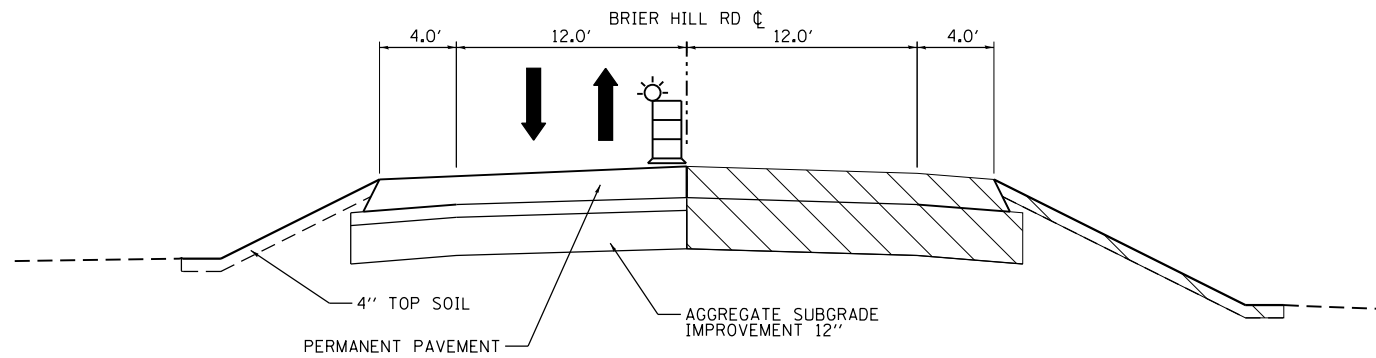
**BRIER HILL ROAD STAGE 3A TYPICAL SECTION**

STA. 802+25.00 TO STA. 805+07.00



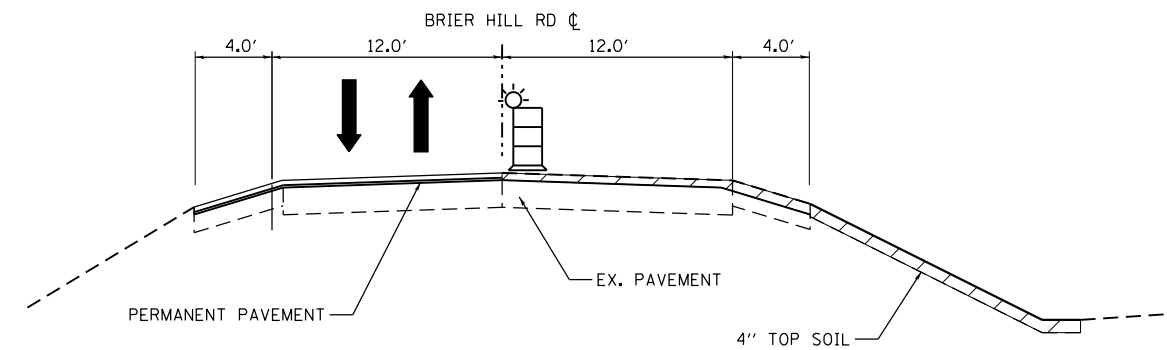
**BRIER HILL ROAD STAGE 3A TYPICAL SECTION**

STA. 805+07.00 TO STA. 809+19.00



**BRIER HILL ROAD STAGE 3B TYPICAL SECTION**

STA. 802+25.00 TO STA. 805+07.00



**BRIER HILL ROAD STAGE 3B TYPICAL SECTION**

STA. 805+07.00 TO STA. 809+19.00

**LEGEND**



CONSTRUCTION THIS STAGE



TRAFFIC FLOW DIRECTION

FILE NAME = s:\jpl\6300-6399\6346\95A\microes\CADD Sheets\0160727-ah+staging\typical.dgn



USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MOT TYPICAL SECTIONS**

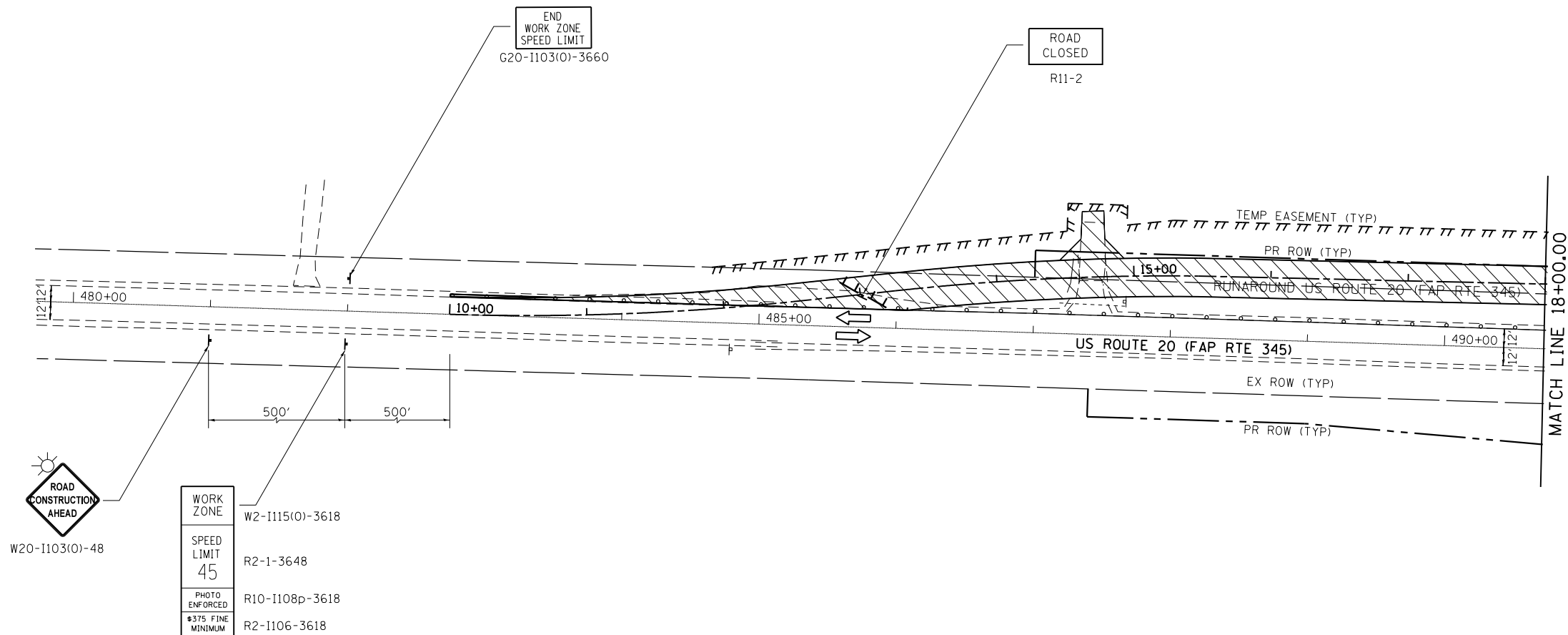
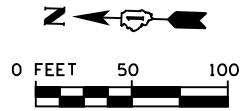
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	48
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
- ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
- ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
  
- TEMPORARY STOP BARS
- ⊕ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
- ⊥ SIGN (SHOWN FACING LEFT)
- ⊥ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
- ⇒ DIRECTION OF TRAFFIC INDICATORS
- ▬ TEMPORARY CONCRETE BARRIER
- ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
- ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
- ▧ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED. CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
- ☀ MONO-DIRECTIONAL FLASHING BEACON
- DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.



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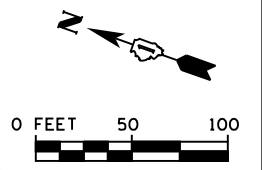
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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

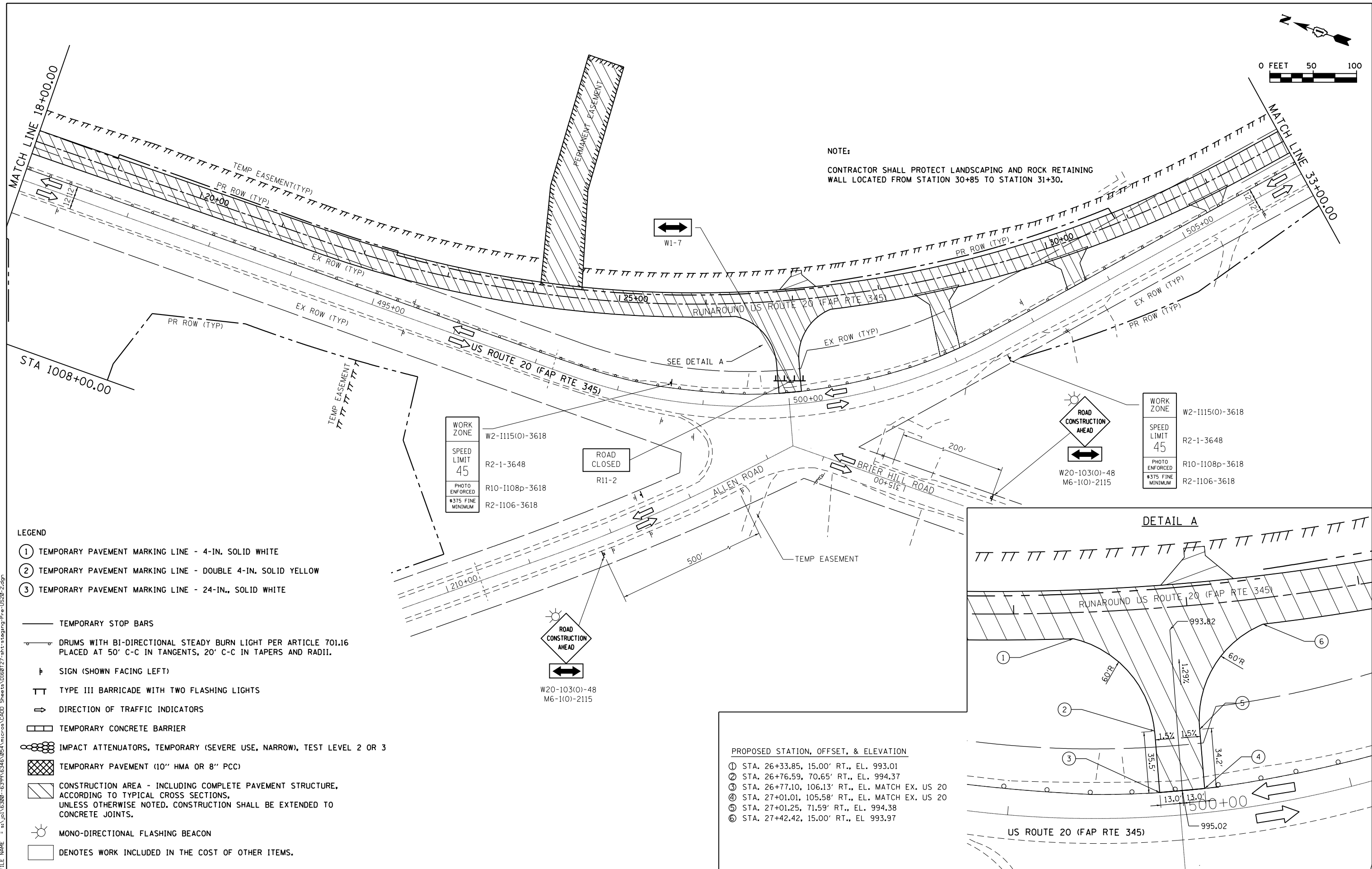
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
US ROUTE 20 PRESTAGE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	49
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



NOTE:  
CONTRACTOR SHALL PROTECT LANDSCAPING AND ROCK RETAINING WALL LOCATED FROM STATION 30+85 TO STATION 31+30.



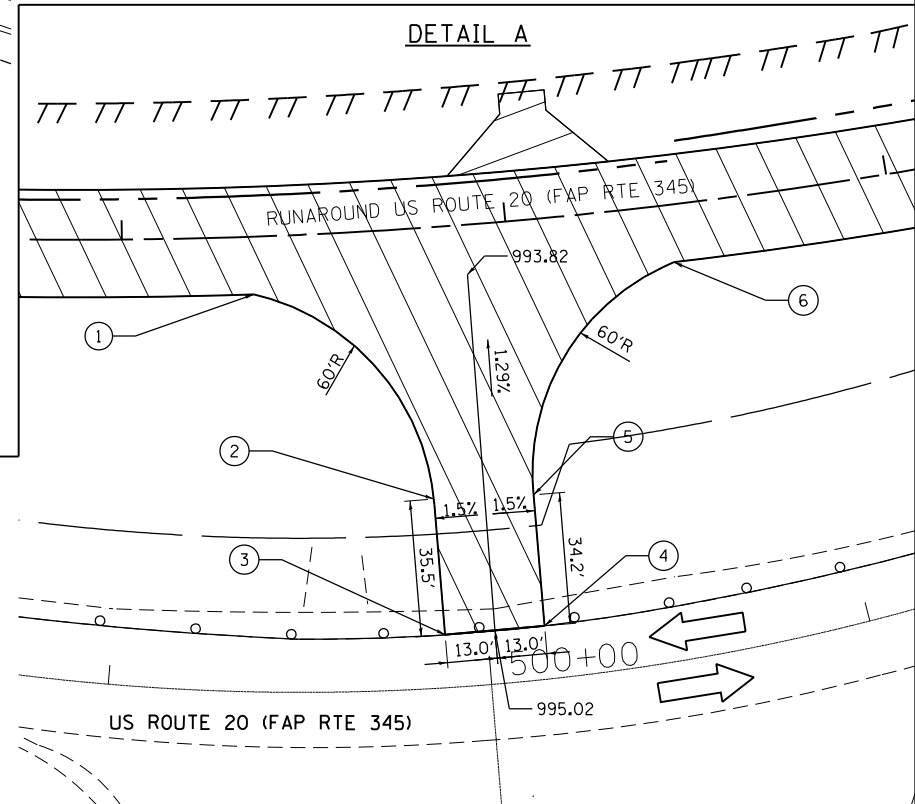
WORK ZONE	W2-1115(0)-3618
SPEED LIMIT	45
PHOTO ENFORCED	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
MINIMUM	R2-1106-3618

ROAD CLOSED  
R11-2

ROAD CONSTRUCTION AHEAD  
W20-103(0)-48  
M6-1(0)-2115

WORK ZONE	W2-1115(0)-3618
SPEED LIMIT	45
PHOTO ENFORCED	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
MINIMUM	R2-1106-3618

- LEGEND**
- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
  - ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
  - TEMPORARY STOP BARS
  - DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
  - † SIGN (SHOWN FACING LEFT)
  - TT TYPE III BARRICADE WITH TWO FLASHING LIGHTS
  - ⇨ DIRECTION OF TRAFFIC INDICATORS
  - TEMPORARY CONCRETE BARRIER
  - IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
  - TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
  - CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED. CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
  - MONO-DIRECTIONAL FLASHING BEACON
  - DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.



PROPOSED STATION, OFFSET, & ELEVATION

①	STA. 26+33.85, 15.00' RT., EL. 993.01
②	STA. 26+76.59, 70.65' RT., EL. 994.37
③	STA. 26+77.10, 106.13' RT., EL. MATCH EX. US 20
④	STA. 27+01.01, 105.58' RT., EL. MATCH EX. US 20
⑤	STA. 27+01.25, 71.59' RT., EL. 994.38
⑥	STA. 27+42.42, 15.00' RT., EL. 993.97



USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

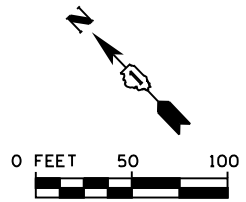
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

US ROUTE 20 PRESTAGE

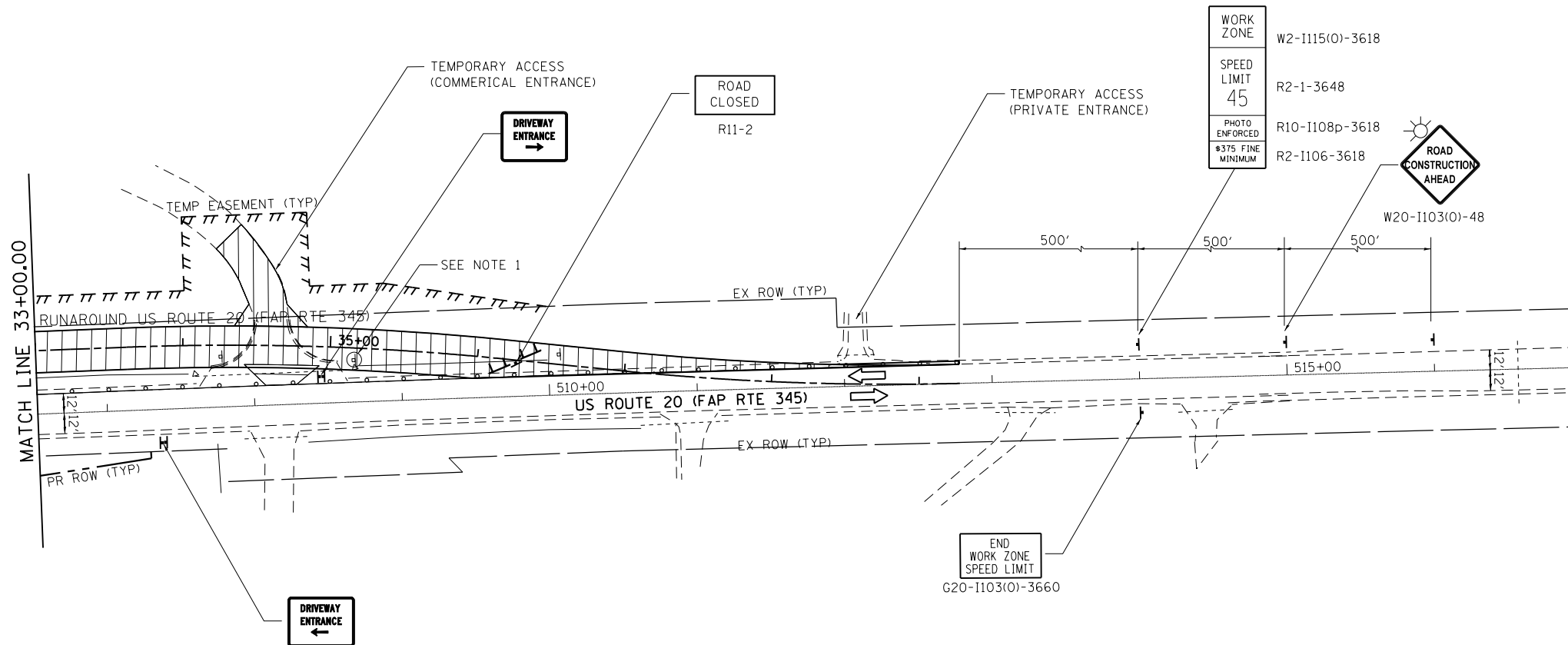
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	50
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



**NOTE:**

1. RELOCATE EXISTING SIGN PANELS, POST, AND SOLAR POWERED FLASHING BEACON TO STA 513+00 LT (INCLUDED IN THE COST OF TRAFFIC CONTROL PROTECTION (SPECIAL)).



**LEGEND**

- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
- ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
- ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
- TEMPORARY STOP BARS
- ⊕ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
- ⊥ SIGN (SHOWN FACING LEFT)
- ⊥ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
- ⇒ DIRECTION OF TRAFFIC INDICATORS
- ▭ TEMPORARY CONCRETE BARRIER
- ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
- ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
- ▨ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED, CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
- ☀ MONO-DIRECTIONAL FLASHING BEACON
- DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

FILE NAME = s:\jpl\63900-63999\6346\95A\microes\CADD Sheets\0160727-shr-staging-Pre-US20-3.dgn



USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
US ROUTE 20 PRESTAGE**

SCALE: SHEET OF SHEETS STA. TO STA.

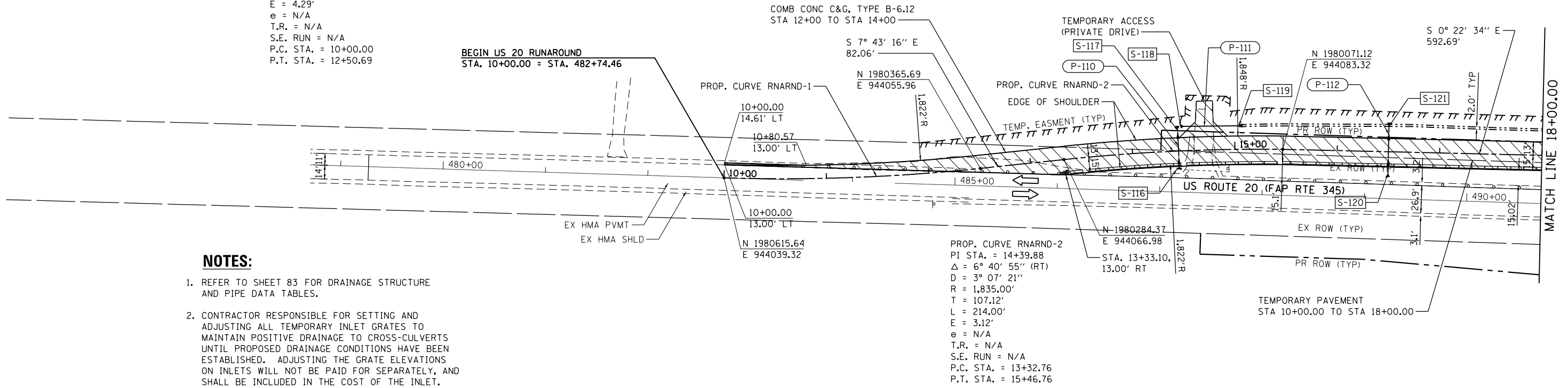
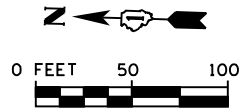
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	51
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

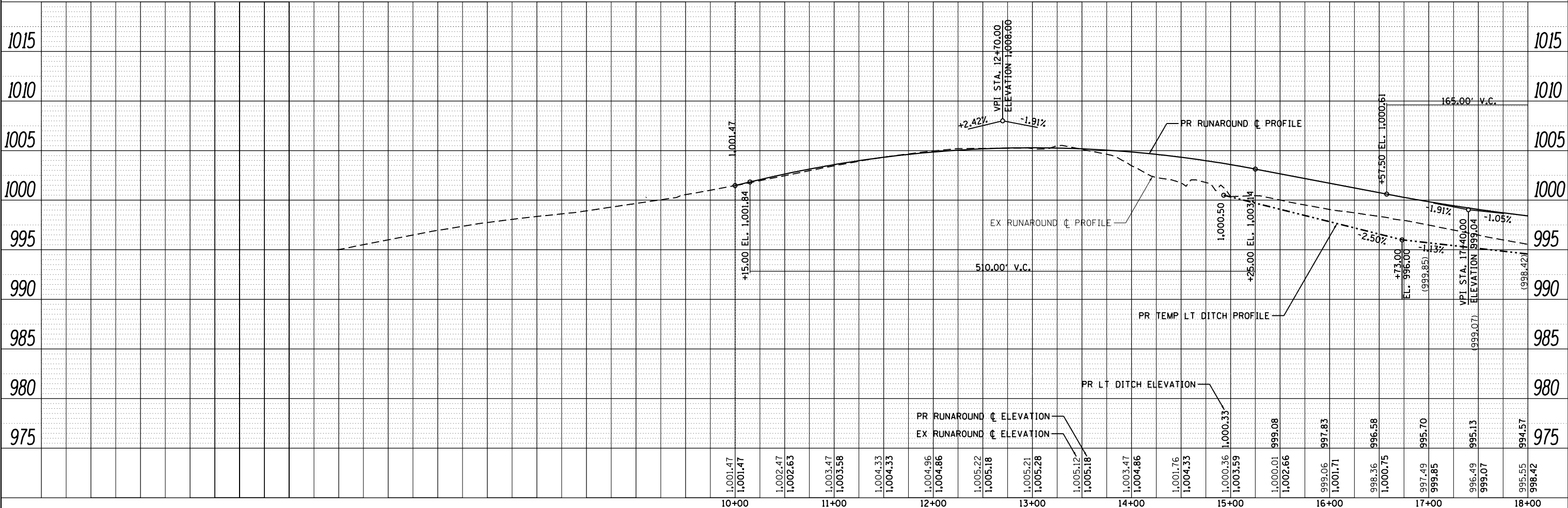
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PROP. CURVE RNARND-1  
 PI STA. = 11+25.54  
 $\Delta = 7^\circ 49' 40''$  (LT)  
 $D = 3^\circ 07' 21''$   
 $R = 1,835.00'$   
 $T = 125.54'$   
 $L = 250.69'$   
 $E = 4.29'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 10+00.00$   
 $P.T. STA. = 12+50.69$



**NOTES:**

- REFER TO SHEET 83 FOR DRAINAGE STRUCTURE AND PIPE DATA TABLES.
- CONTRACTOR RESPONSIBLE FOR SETTING AND ADJUSTING ALL TEMPORARY INLET GRATES TO MAINTAIN POSITIVE DRAINAGE TO CROSS-CULVERTS UNTIL PROPOSED DRAINAGE CONDITIONS HAVE BEEN ESTABLISHED. ADJUSTING THE GRATE ELEVATIONS ON INLETS WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED IN THE COST OF THE INLET.



**STRAND ASSOCIATES\***  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennissw  
 MODEL NAME = Default  
 PLOT SCALE = 100.0000' / 1" =  
 PLOT DATE = 7/1/2014

DESIGNED - JLB  
 DRAWN - BJF DJW  
 CHECKED - MAG  
 DATE - 6/17/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

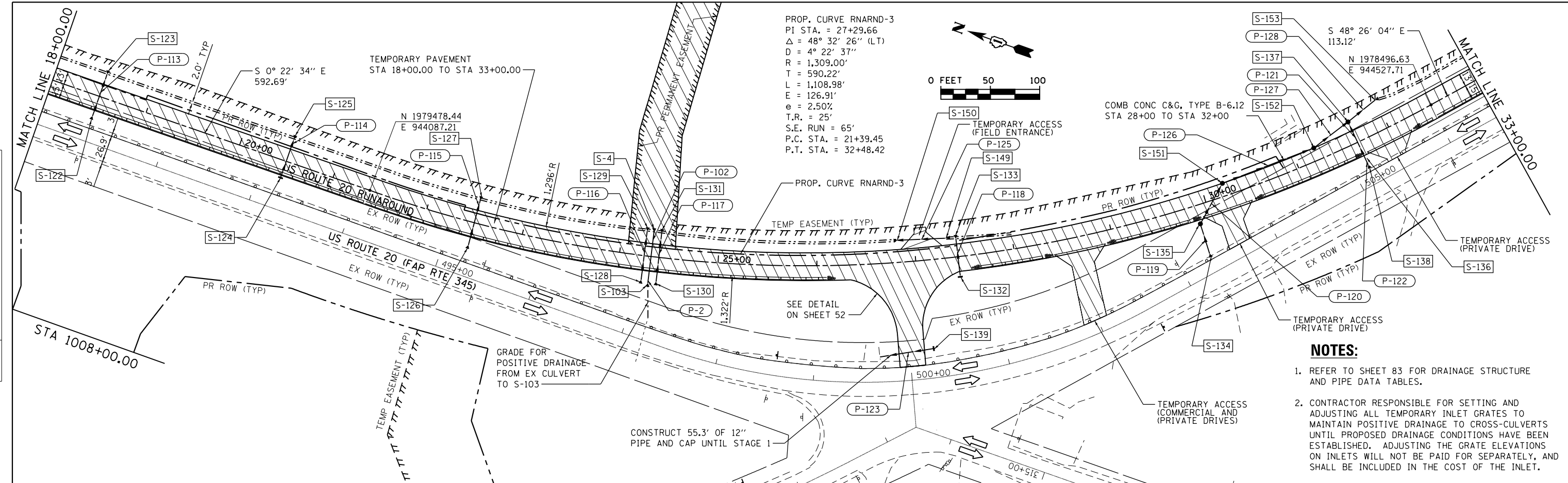
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**US ROUTE 20 PRESTAGE**  
 SCALE: 50-H 5-V SHEET OF SHEETS STA. TO STA.

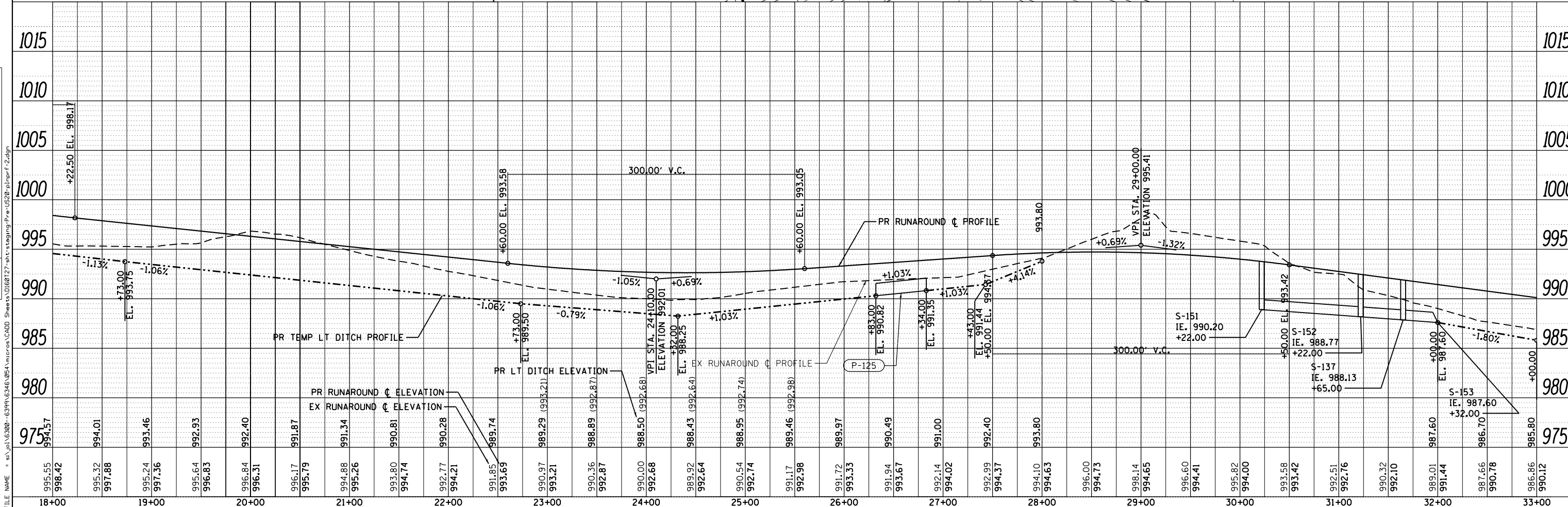
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	52
CONTRACT NO. 60T27			ILLINOIS FED. AID PROJECT	

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

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



- NOTES:**
- REFER TO SHEET 83 FOR DRAINAGE STRUCTURE AND PIPE DATA TABLES.
  - CONTRACTOR RESPONSIBLE FOR SETTING AND ADJUSTING ALL TEMPORARY INLET GRATES TO MAINTAIN POSITIVE DRAINAGE TO CROSS-CULVERTS UNTIL PROPOSED DRAINAGE CONDITIONS HAVE BEEN ESTABLISHED. ADJUSTING THE GRATE ELEVATIONS ON INLETS WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED IN THE COST OF THE INLET.



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 MODEL NAME = Default  
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 PLOT DATE = 7/1/2014

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DRAWN - BJF DJW	REVISED -
CHECKED - MAG	REVISED -
DATE - 6/17/14	REVISED -

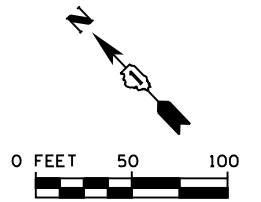
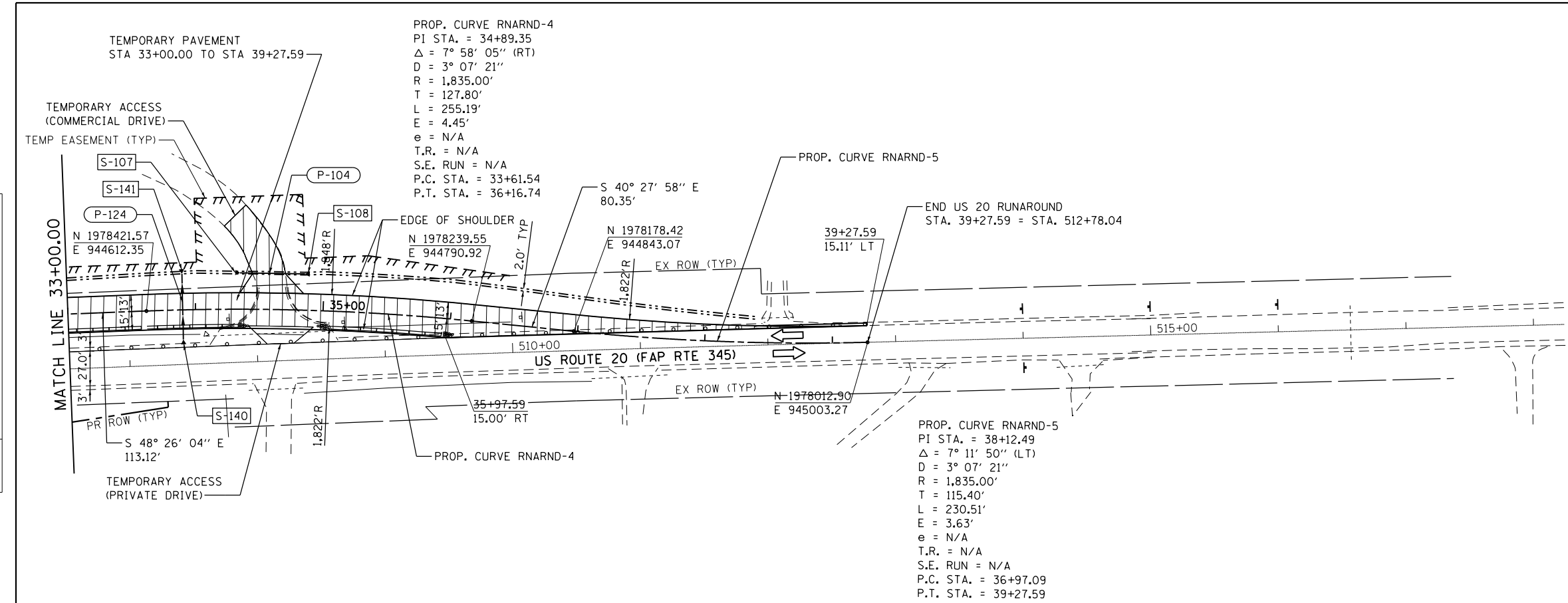
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
US ROUTE 20 PRESTAGE			
SCALE: 50-H 5-V	SHEET	OF SHEETS	STA. TO STA.

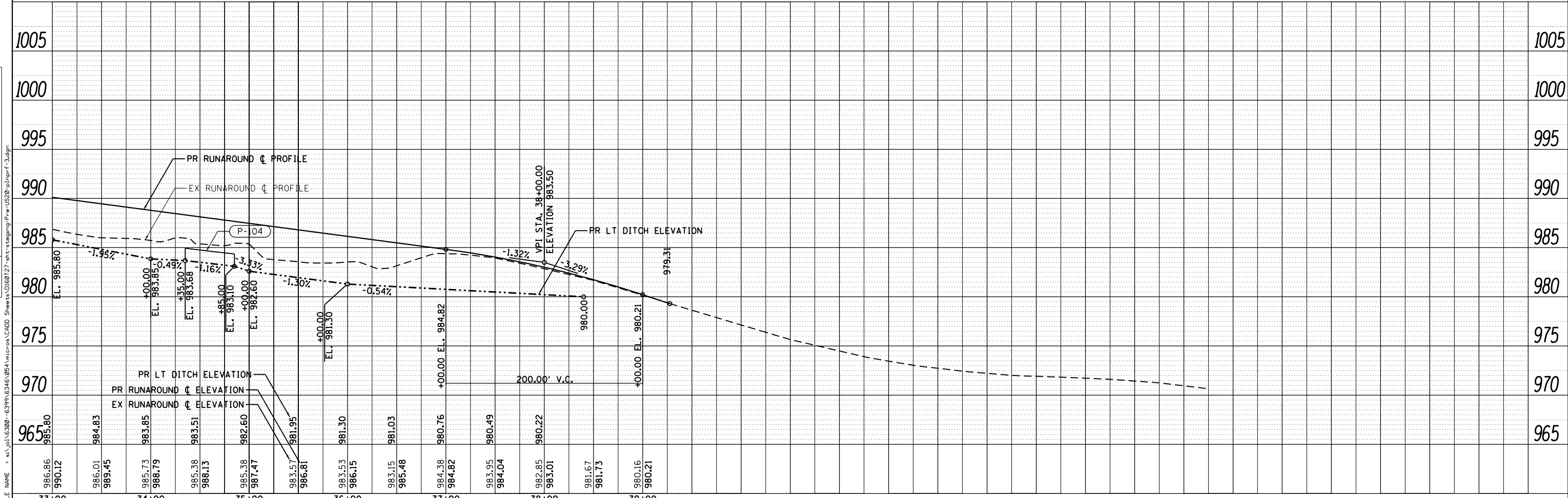
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	53
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	FILE NAME		

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



- NOTES:**
- REFER TO SHEET 83 FOR DRAINAGE STRUCTURE AND PIPE DATA TABLES.
  - CONTRACTOR RESPONSIBLE FOR SETTING AND ADJUSTING ALL TEMPORARY INLET GRATES TO MAINTAIN POSITIVE DRAINAGE TO CROSS-CULVERTS UNTIL PROPOSED DRAINAGE CONDITIONS HAVE BEEN ESTABLISHED. ADJUSTING THE GRATE ELEVATIONS ON INLETS WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED IN THE COST OF THE INLET.



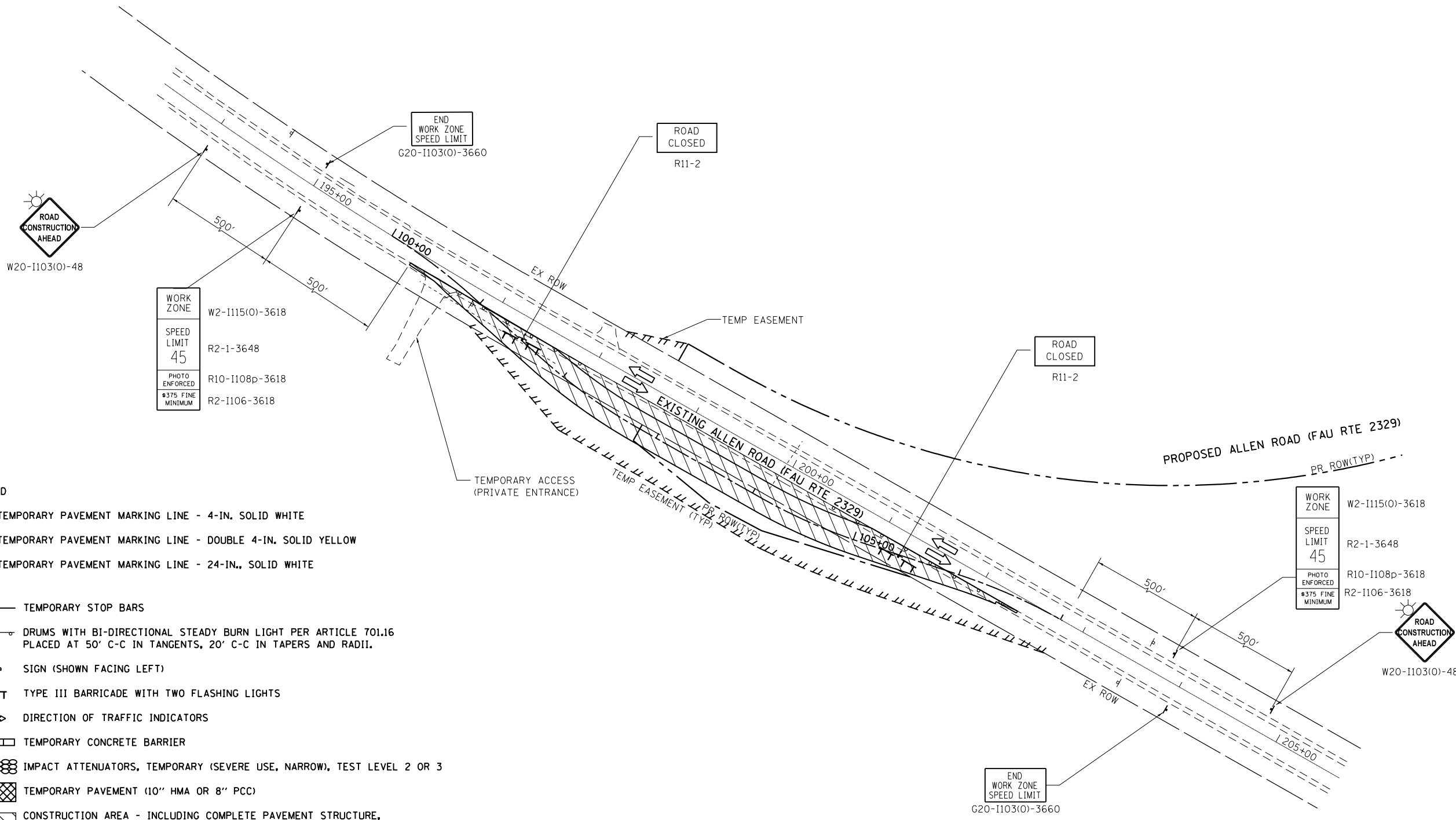
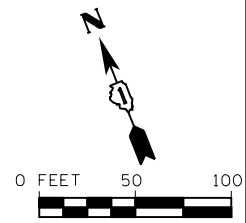
STRAND ASSOCIATES\*  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
US ROUTE 20 PRESTAGE	
SCALE: 50-H 5-V	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	54
CONTRACT NO. 60T27			ILLINOIS FED. AID PROJECT	



**LEGEND**

- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
- ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
- ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
- TEMPORARY STOP BARS
- ⊕ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
- ⊥ SIGN (SHOWN FACING LEFT)
- ⊥ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
- ⇒ DIRECTION OF TRAFFIC INDICATORS
- ▭ TEMPORARY CONCRETE BARRIER
- ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
- ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
- ▨ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED, CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
- ☀ MONO-DIRECTIONAL FLASHING BEACON
- DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

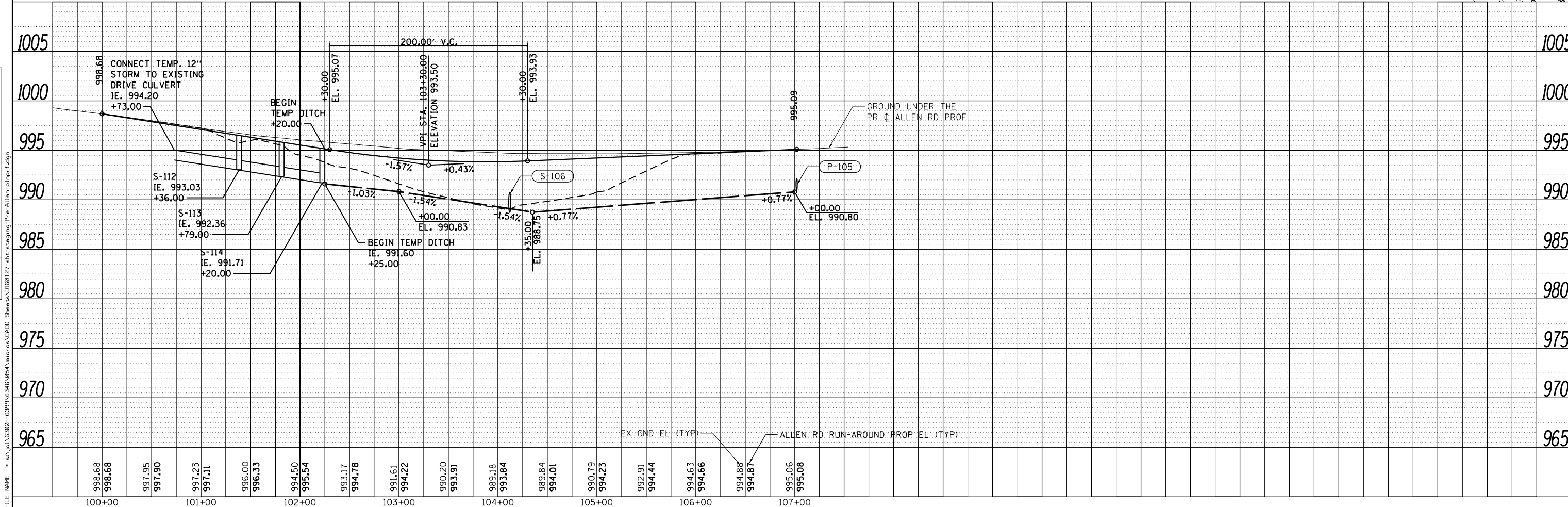
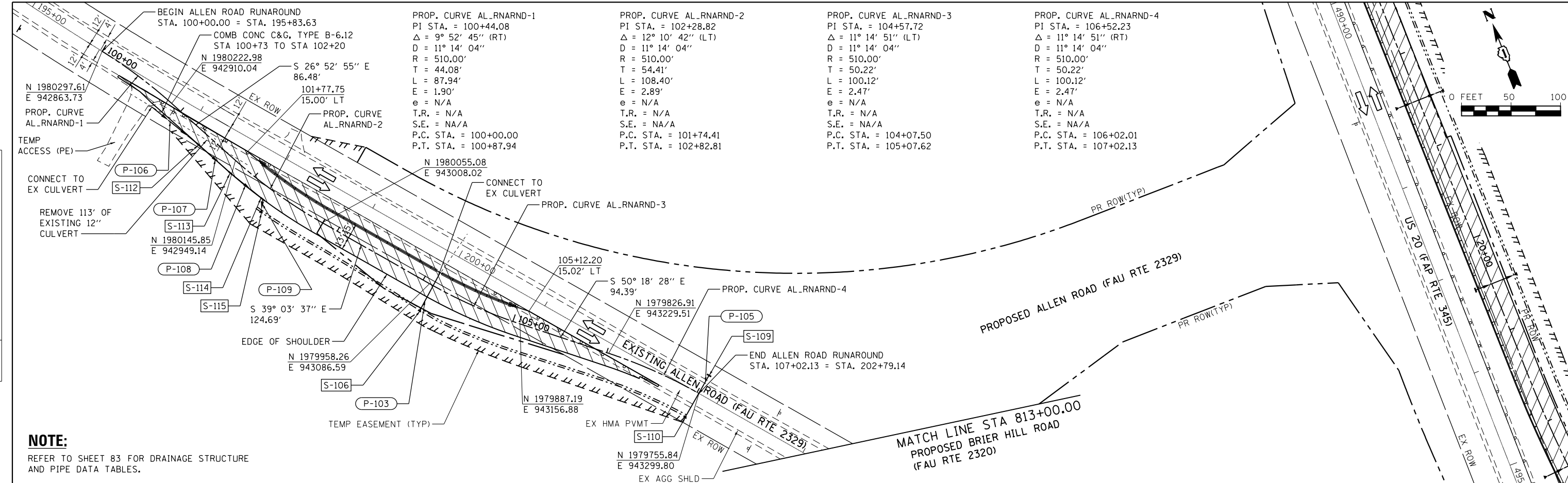
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
ALLEN ROAD PRESTAGE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	55
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NOTED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
STRAND ASSOCIATES\*  
(815) 744-4200

USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

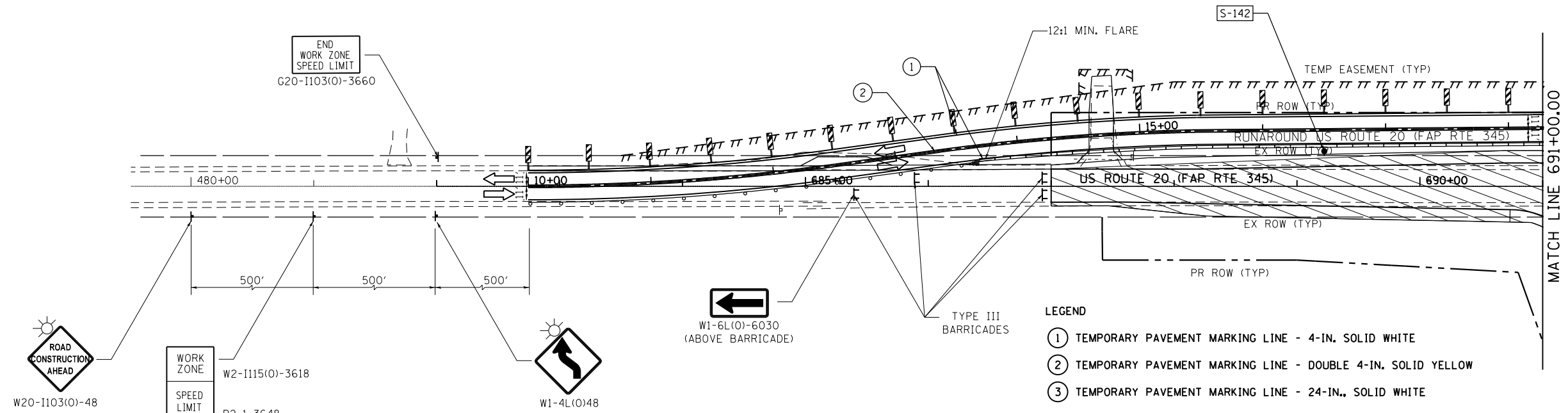
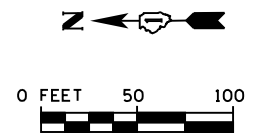
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**ALLEN ROAD PRESTAGE**

SCALE: 50'-H 5'-V SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 56
CONTRACT NO. 60T27				ILLINOIS FED. AID PROJECT





- LEGEND**
- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
  - ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
  - TEMPORARY STOP BARS
  - ⊕ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
  - ⊖ SIGN (SHOWN FACING LEFT)
  - TT TYPE III BARRICADE WITH TWO FLASHING LIGHTS
  - ⇒ DIRECTION OF TRAFFIC INDICATORS
  - ▭ TEMPORARY CONCRETE BARRIER
  - ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
  - ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
  - ▧ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED. CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
  - ☀ MONO-DIRECTIONAL FLASHING BEACON
  - DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

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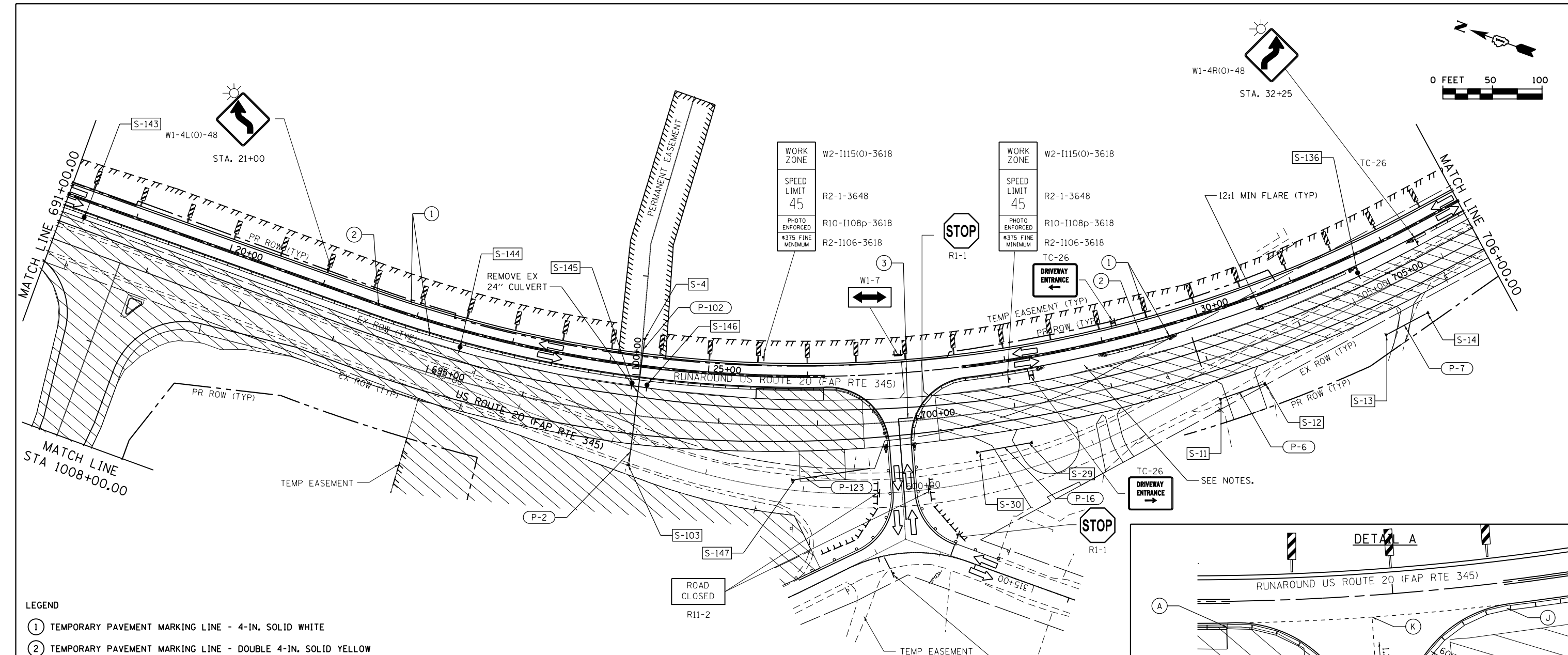
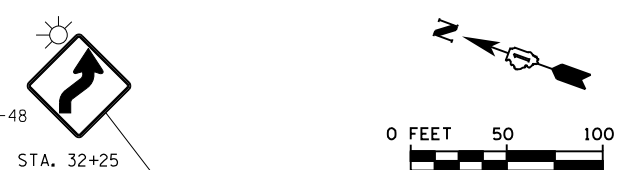


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PLOT SCALE = 100.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
US ROUTE 20 STAGE 1			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	57
CONTRACT NO. 60T27			ILLINOIS FED. AID PROJECT	

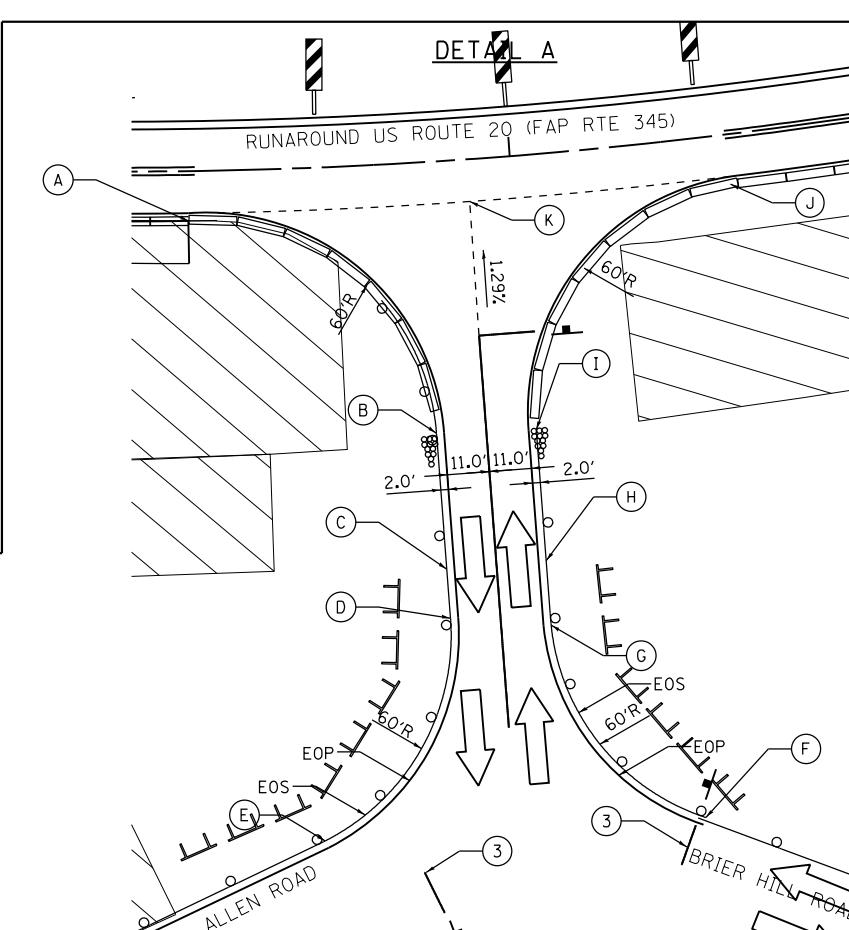


- LEGEND**
- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
  - ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
  - TEMPORARY STOP BARS
  - ⊥ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
  - ⊥ SIGN (SHOWN FACING LEFT)
  - ⊥ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
  - ⇄ DIRECTION OF TRAFFIC INDICATORS
  - ▭ TEMPORARY CONCRETE BARRIER
  - ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
  - ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
  - ▨ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED, CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
  - ☀ MONO-DIRECTIONAL FLASHING BEACON
  - DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

**NOTE:**  
 REFER TO SHEET 83 FOR DRAINAGE STRUCTURE AND PIPE DATA TABLES.  
 LOCATION OF OPENINGS IN THE TEMPORARY CONCRETE BARRIERS FOR TEMPORARY ACCESS TO DRIVEWAYS IS APPROXIMATE. CONTRACTOR SHALL APPROVE LOCATIONS WITH THE ENGINEER PRIOR TO CONSTRUCTING BARRIER AND TEMPORARY DRIVEWAYS. THE NUMBER OF OPENINGS SHALL BE LIMITED TO 3 FOR ALL DRIVEWAYS ON THE SOUTH SIDE OF THE US 20 RUNAROUND.

**PROPOSED STATION, OFFSET, & ELEVATION**

Ⓐ	STA. 26+17.85, 13.00' RT., EL. 993.01
Ⓑ	STA. 26+76.59, 70.65' RT., EL. 994.37
Ⓒ	STA. 26+77.10, 106.13' RT., EL. MATCH EX. US 20
Ⓓ	STA. 26+77.27, 118.97' RT., EL. MATCH EX. US 20
Ⓔ	STA. 26+45.41, 175.36' RT., EL. MATCH ALLEN ROAD
Ⓕ	STA. 27+32.34, 176.47' RT., EL. MATCH BRIER HILL ROAD
Ⓖ	STA. 27+01.01, 122.62' RT., EL. MATCH EX. US 20
Ⓗ	STA. 27+01.25, 105.58' RT., EL. MATCH EX. US 20
Ⓘ	STA. 27+01.25, 71.59' RT., EL. 994.38
Ⓚ	STA. 27+56.21, 13.00' RT., EL. 993.97
Ⓛ	STA. 26+86.24, 12.00' RT., EL. 993.82



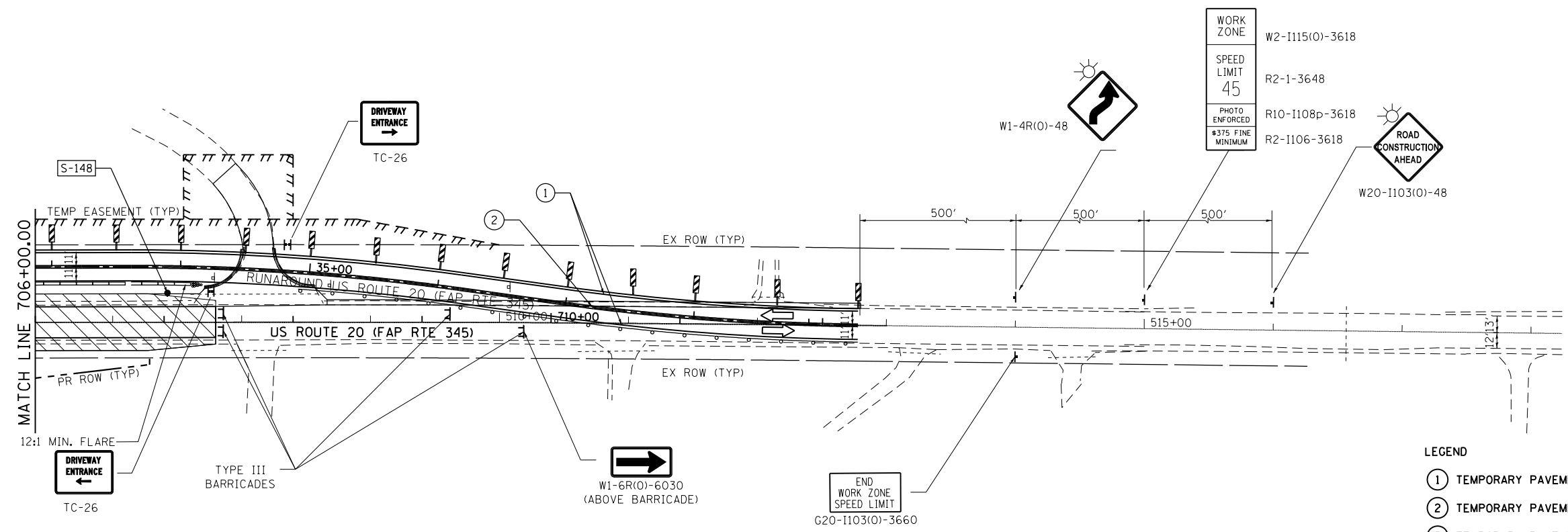
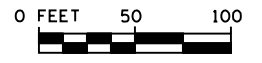
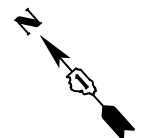
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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 US ROUTE 20 STAGE 1**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 58
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
  - ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
  - TEMPORARY STOP BARS
  - DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
  - ↳ SIGN (SHOWN FACING LEFT)
  - ⊥ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
  - ⇨ DIRECTION OF TRAFFIC INDICATORS
  - ▬ TEMPORARY CONCRETE BARRIER
  - ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
  - ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
  - ▩ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED. CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
  - ☀ MONO-DIRECTIONAL FLASHING BEACON
  - DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

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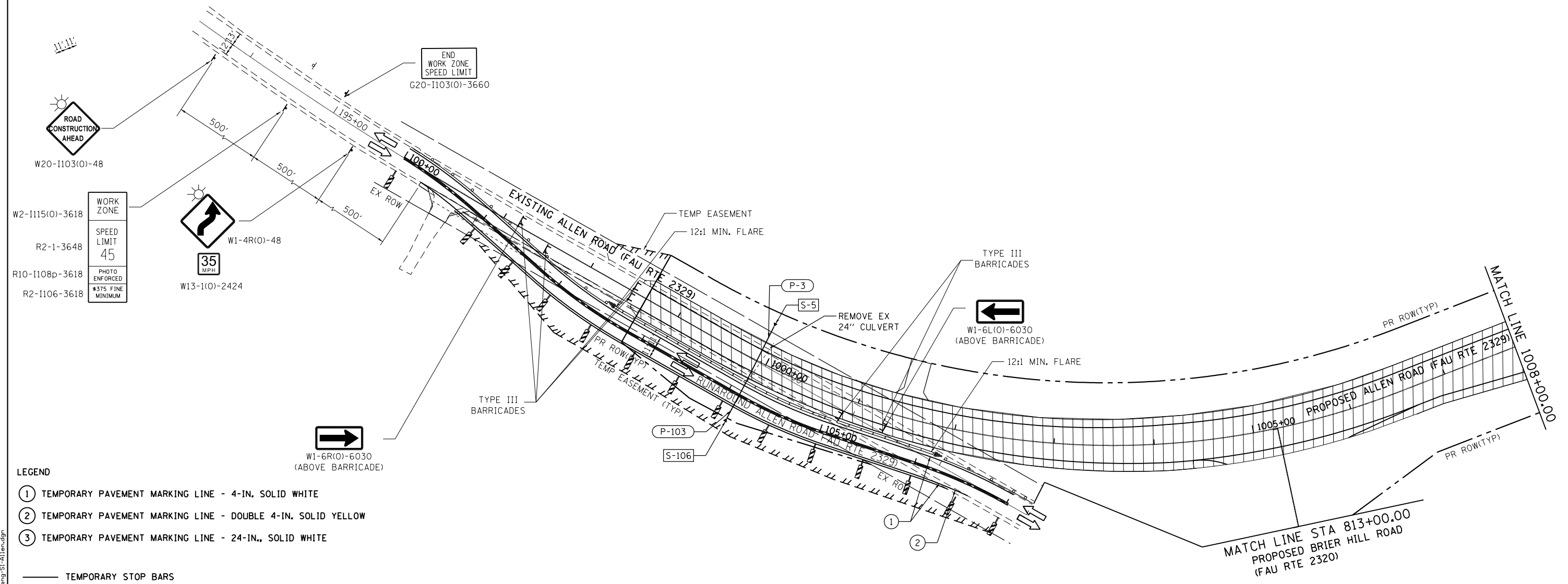
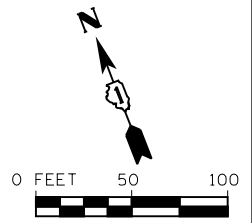


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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
US ROUTE 20 STAGE 1			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	59
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
  - ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
  - TEMPORARY STOP BARS
  - DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
  - ⊣ SIGN (SHOWN FACING LEFT)
  - ⊣ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
  - ➔ DIRECTION OF TRAFFIC INDICATORS
  - ▭ TEMPORARY CONCRETE BARRIER
  - ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
  - ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
  - ▨ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED. CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
  - ☀ MONO-DIRECTIONAL FLASHING BEACON
  - DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

MATCH LINE STA 813+00.00  
PROPOSED BRIER HILL ROAD  
(FAU RTE 2320)

**NOTE:**  
REFER TO SHEET 83 FOR DRAINAGE STRUCTURE AND PIPE DATA TABLES.

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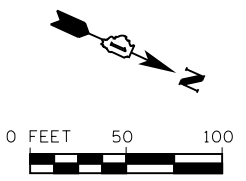


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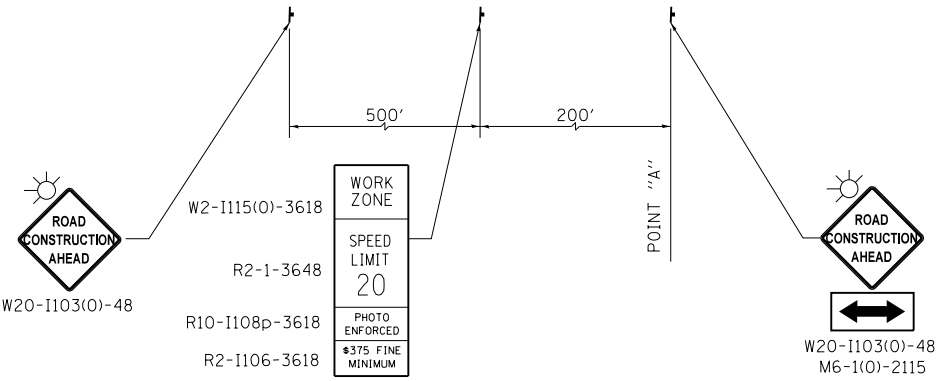
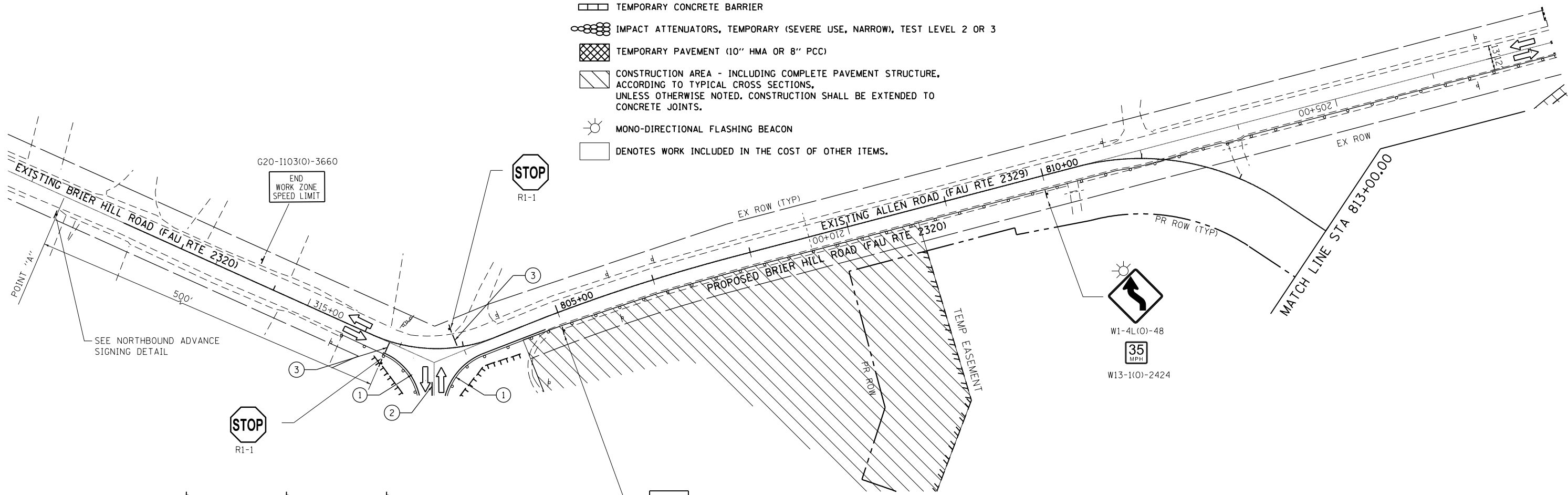
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
ALLEN ROAD STAGE 1			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	60
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
  - ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
  - TEMPORARY STOP BARS
  - ⊥ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
  - ⊥ SIGN (SHOWN FACING LEFT)
  - TT TYPE III BARRICADE WITH TWO FLASHING LIGHTS
  - ⇒ DIRECTION OF TRAFFIC INDICATORS
  - ▭ TEMPORARY CONCRETE BARRIER
  - ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
  - ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
  - ▨ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED. CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
  - ☀ MONO-DIRECTIONAL FLASHING BEACON
  - DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.



WORK ZONE	W2-1115(0)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$375 FINE MINIMUM	R2-1106-3618

NORTHBOUND ADVANCE SIGNING DETAIL

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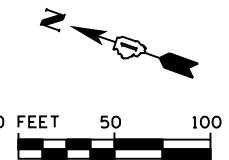


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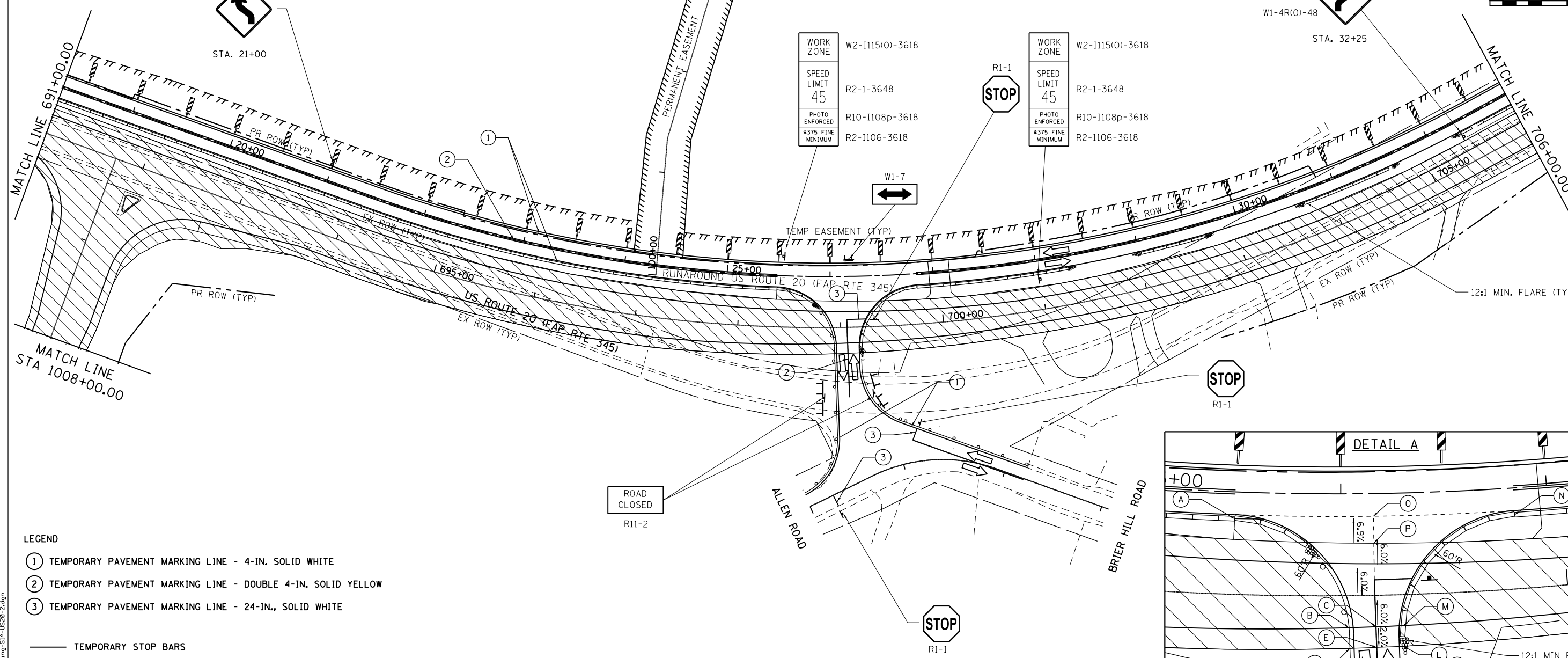
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
BRIER HILL ROAD STAGE 1			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	61
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



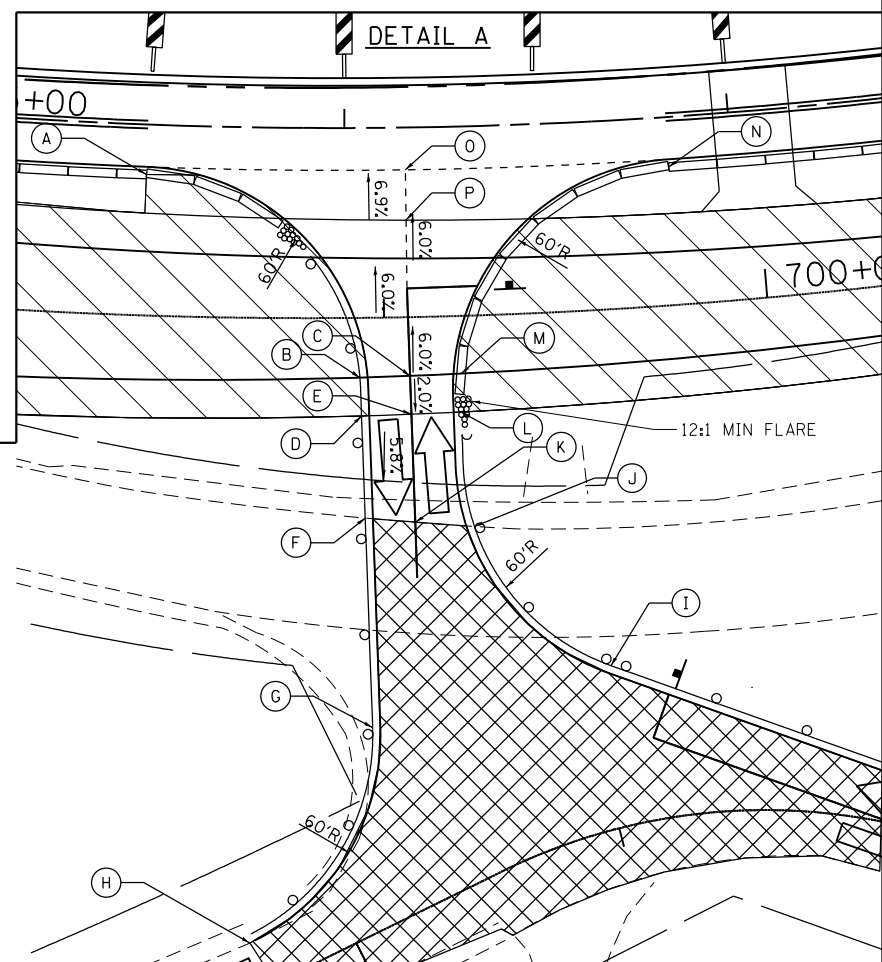
**NOTE:**  
REFER TO SHEET 83 FOR DRAINAGE STRUCTURE  
AND PIPE DATA TABLES.



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
  - ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
  - TEMPORARY STOP BARS
  - ⊕ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
  - ⊖ SIGN (SHOWN FACING LEFT)
  - ⊎ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
  - DIRECTION OF TRAFFIC INDICATORS
  - ▭ TEMPORARY CONCRETE BARRIER
  - ⊙ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
  - ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
  - ▩ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED, CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
  - ☀ MONO-DIRECTIONAL FLASHING BEACON
  - DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

**PROPOSED STATION, OFFSET, & ELEVATION**

Ⓐ	STA. 25+49.30, 13.00' RT., EL. 992.86
Ⓑ	STA. 698+93.85, 25.68' RT., EL. 995.37
Ⓒ	STA. 700+78.42, 25.68' RT., EL. 995.41
Ⓓ	STA. 698+95.60, 29.68' RT., EL. 995.17
Ⓔ	EL. 995.21
Ⓕ	MATCH EX. US 20
Ⓖ	STA. 26+08.01, 156.15' RT., EL. MATCH EX. ALLEN ROAD
Ⓗ	STA. 25+78.49, 212.47' RT., EL. MATCH EX. ALLEN ROAD
Ⓘ	STA. 26+62.44, 141.83' RT., EL. MATCH EX. BRIER HILL ROAD
Ⓚ	MATCH EX. US 20
Ⓛ	EL. 994.01
Ⓜ	STA. 699+17.66, 29.68' RT., EL. 995.25
Ⓝ	STA. 699+19.63, 25.68' RT., EL. 995.45
Ⓟ	STA. 26+83.55, 13.00' RT., EL. 993.80
Ⓠ	STA. 26+14.84, 12.00' RT., EL. 993.32
Ⓡ	EL. 994.09



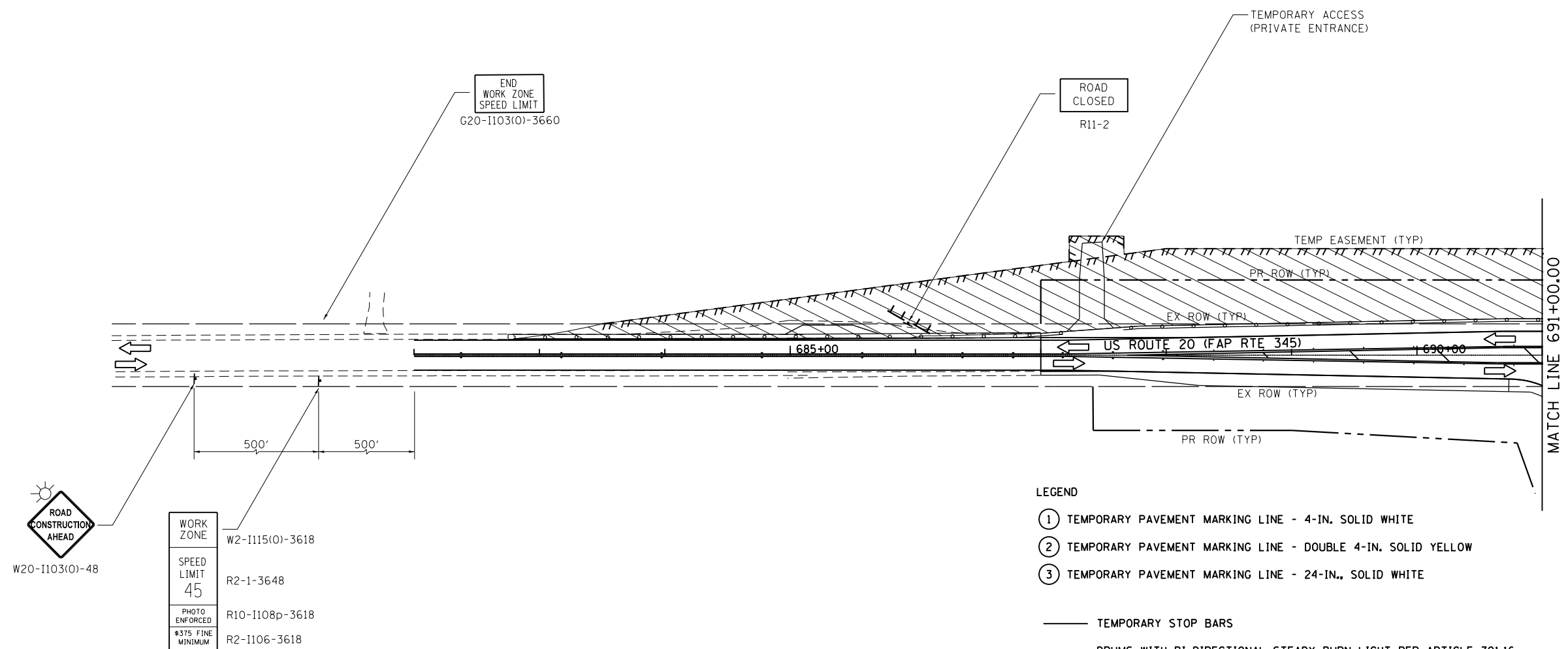
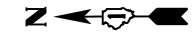
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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
US ROUTE 20 STAGE 1A**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	62
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
- ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
- ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
- TEMPORARY STOP BARS
- ⊕ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
- ⊖ SIGN (SHOWN FACING LEFT)
- ⊕ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
- ⇒ DIRECTION OF TRAFFIC INDICATORS
- ▭ TEMPORARY CONCRETE BARRIER
- ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
- ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
- ▧ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED. CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
- ☀ MONO-DIRECTIONAL FLASHING BEACON
- DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

**NOTE**

1. PERMANENT SIGNS ON US 20 AND ALLEN ROAD SHALL BE INSTALLED IN STAGE 1 AND ARE NOT SHOWN ON THESE SHEETS. REFER TO SIGNING SHEETS. ALL PERMANENT SIGNS IN CONFLICT WITH THE SUGGESTED STAGES OF CONSTRUCTION PLAN SHALL BE TEMPORARILY COVERED.
2. REFER TO SHEET 120 FOR PERMANENT PAVEMENT MARKINGS ON US 20.

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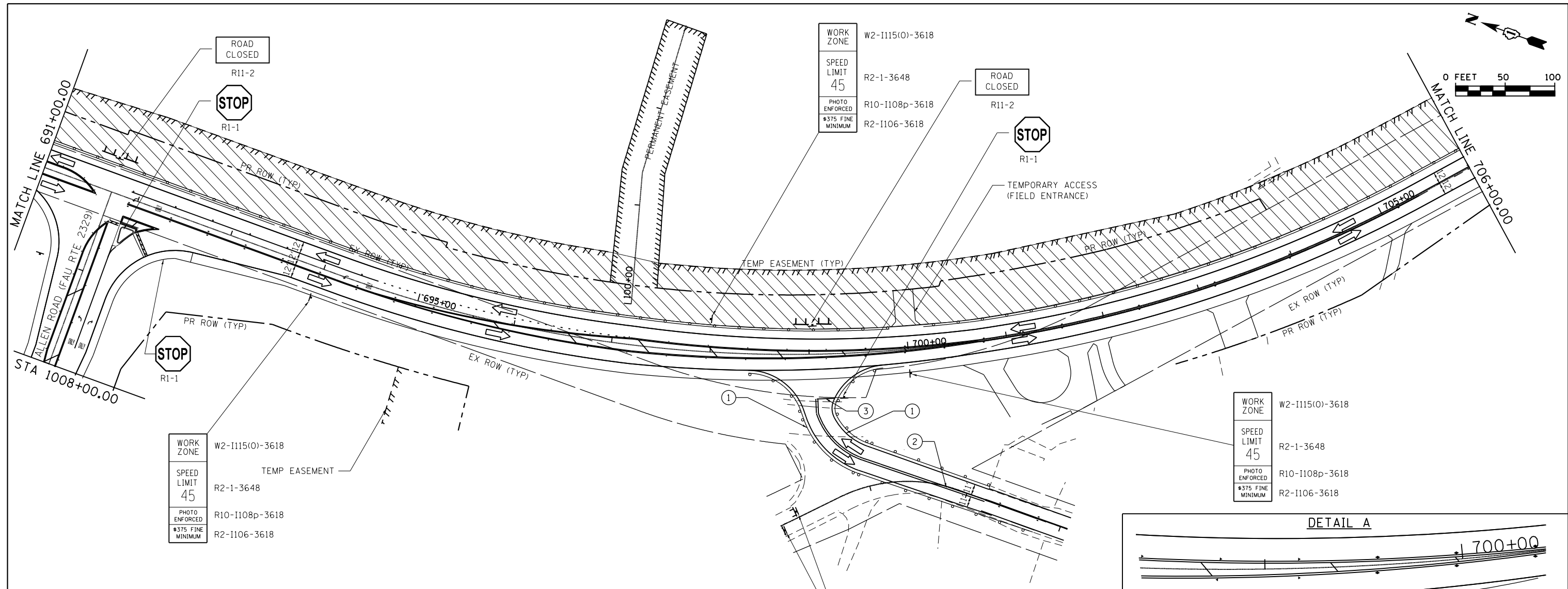
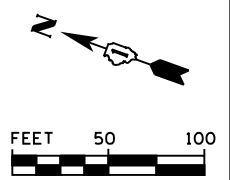


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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
US ROUTE 20 STAGE 2			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	63
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



WORK ZONE  
W2-1115(0)-3618

SPEED LIMIT  
45  
R2-1-3648

PHOTO ENFORCED  
#375 FINE MINIMUM  
R10-1108p-3618  
R2-1106-3618

WORK ZONE  
W2-1115(0)-3618

SPEED LIMIT  
45  
R2-1-3648

PHOTO ENFORCED  
#375 FINE MINIMUM  
R10-1108p-3618  
R2-1106-3618

WORK ZONE  
W2-1115(0)-3618

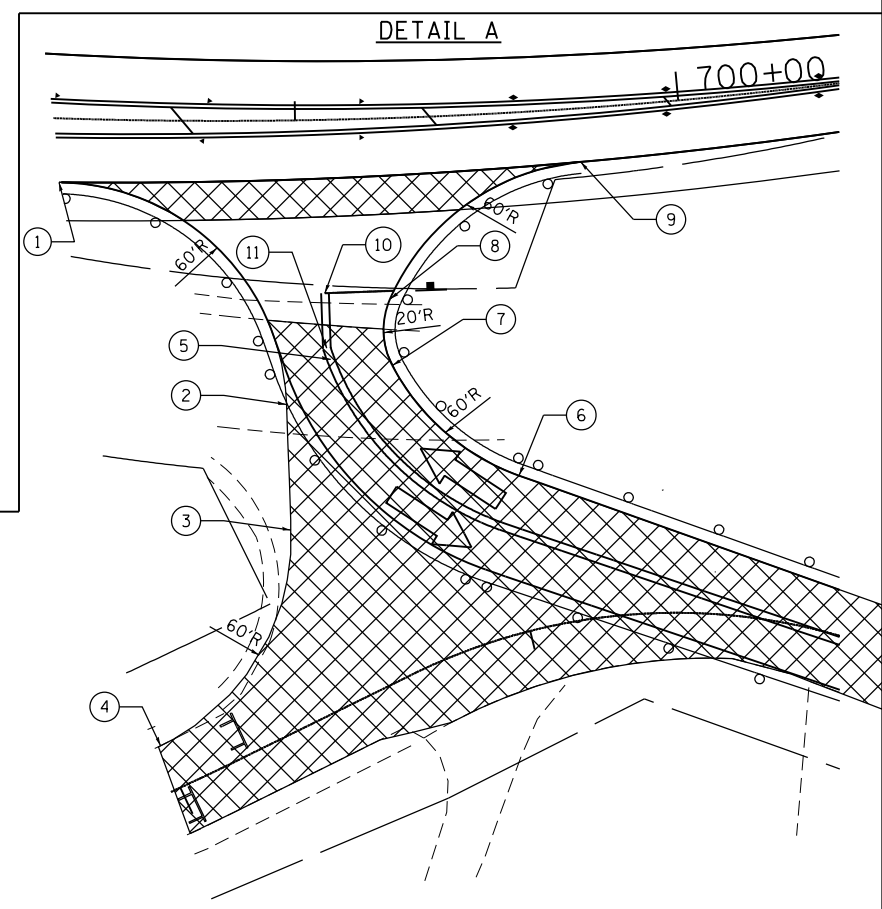
SPEED LIMIT  
45  
R2-1-3648

PHOTO ENFORCED  
#375 FINE MINIMUM  
R10-1108p-3618  
R2-1106-3618

- LEGEND**
- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
  - ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
  - TEMPORARY STOP BARS
  - DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
  - † SIGN (SHOWN FACING LEFT)
  - TT TYPE III BARRICADE WITH TWO FLASHING LIGHTS
  - ⇨ DIRECTION OF TRAFFIC INDICATORS
  - TEMPORARY CONCRETE BARRIER
  - IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
  - TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
  - CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED, CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
  - MONO-DIRECTIONAL FLASHING BEACON
  - DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

- NOTE**
1. PERMANENT SIGNS ON US 20 AND ALLEN ROAD SHALL BE INSTALLED IN STAGE 1 AND ARE NOT SHOWN ON THESE SHEETS. REFER TO SIGNING SHEETS. ALL PERMANENT SIGNS IN CONFLICT WITH THE SUGGESTED STAGES OF CONSTRUCTION PLAN SHALL BE TEMPORARILY COVERED.
  2. REFER TO SHEETS 120 AND 121 FOR PERMANENT PAVEMENT MARKINGS ON US 20.

- ⊗ USE EXISTING PAVEMENT
- PROPOSED STATION AND OFFSET
- ① STA. 698+39.00, 13.0' RT.
  - ② STA. 698+97.00, 74.0' RT.
  - ③ STA. 698+98.00, 106.7' RT.
  - ④ STA. 698+67.00, MATCH BRIER HILL ROAD
  - ⑤ STA. 699+48.00, 107.4' RT.
  - ⑥ STA. 699+53.00, 94.5' RT.
  - ⑦ STA. 699+23.00, 64.4' RT.
  - ⑧ STA. 699+23.00, 47.0' RT.
  - ⑨ STA. 699+73.50, 13.0' RT.
  - ⑩ STA. 699+07, 45.0' RT.
  - ⑪ STA. 699+07, 59.5' RT.



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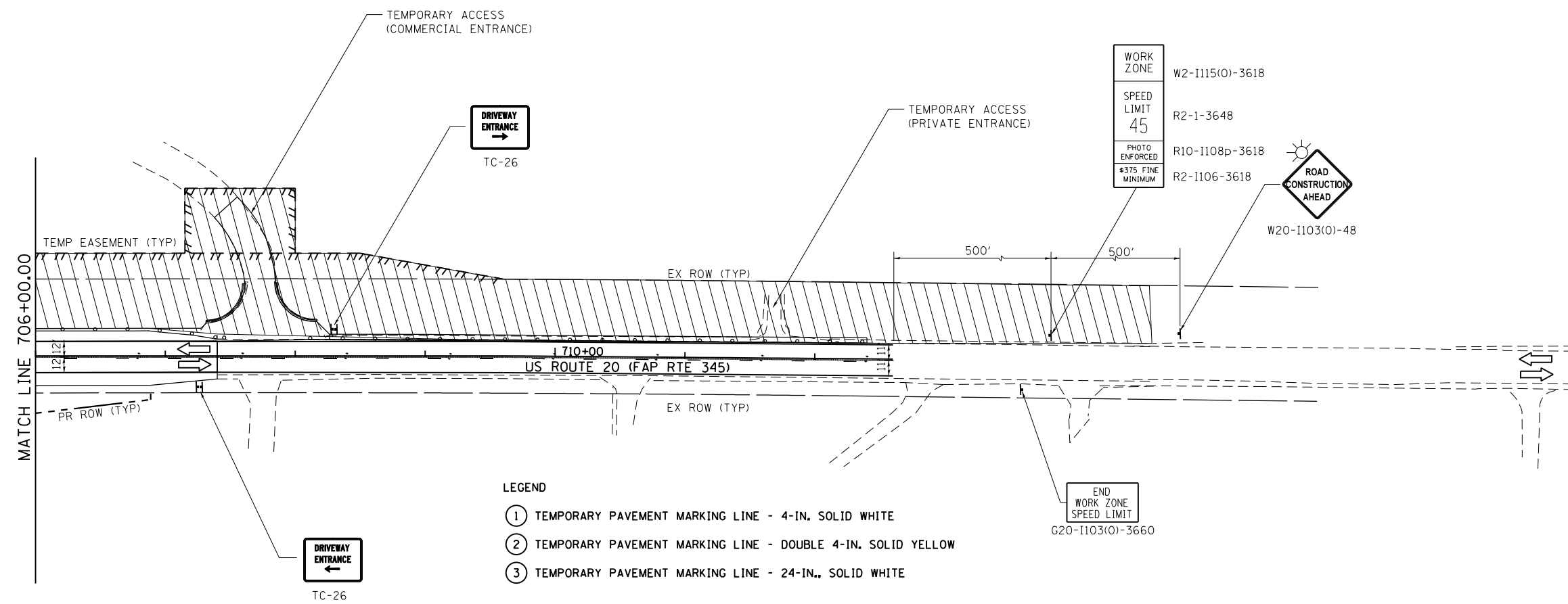
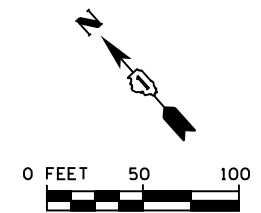
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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
US ROUTE 20 STAGE 2			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	64
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				





**LEGEND**

- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
- ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
- ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
- TEMPORARY STOP BARS
- ⊕ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
- ⊣ SIGN (SHOWN FACING LEFT)
- ⊣ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
- ⇨ DIRECTION OF TRAFFIC INDICATORS
- ▭ TEMPORARY CONCRETE BARRIER
- ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
- ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
- ▨ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED. CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
- ☀ MONO-DIRECTIONAL FLASHING BEACON
- DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

**NOTE**

1. PERMANENT SIGNS ON US 20 AND ALLEN ROAD SHALL BE INSTALLED IN STAGE 1 AND ARE NOT SHOWN ON THESE SHEETS. REFER TO SIGNING SHEETS. ALL PERMANENT SIGNS IN CONFLICT WITH THE SUGGESTED STAGES OF CONSTRUCTION PLAN SHALL BE TEMPORARILY COVERED.
2. REFER TO SHEET 121 FOR PERMANENT PAVEMENT MARKINGS ON US 20.

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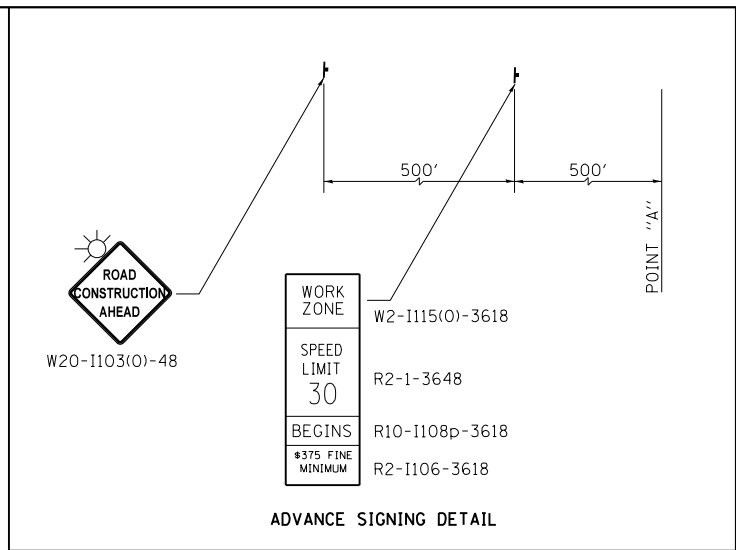
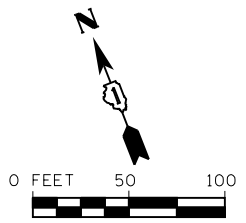


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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
US ROUTE 20 STAGE 2			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

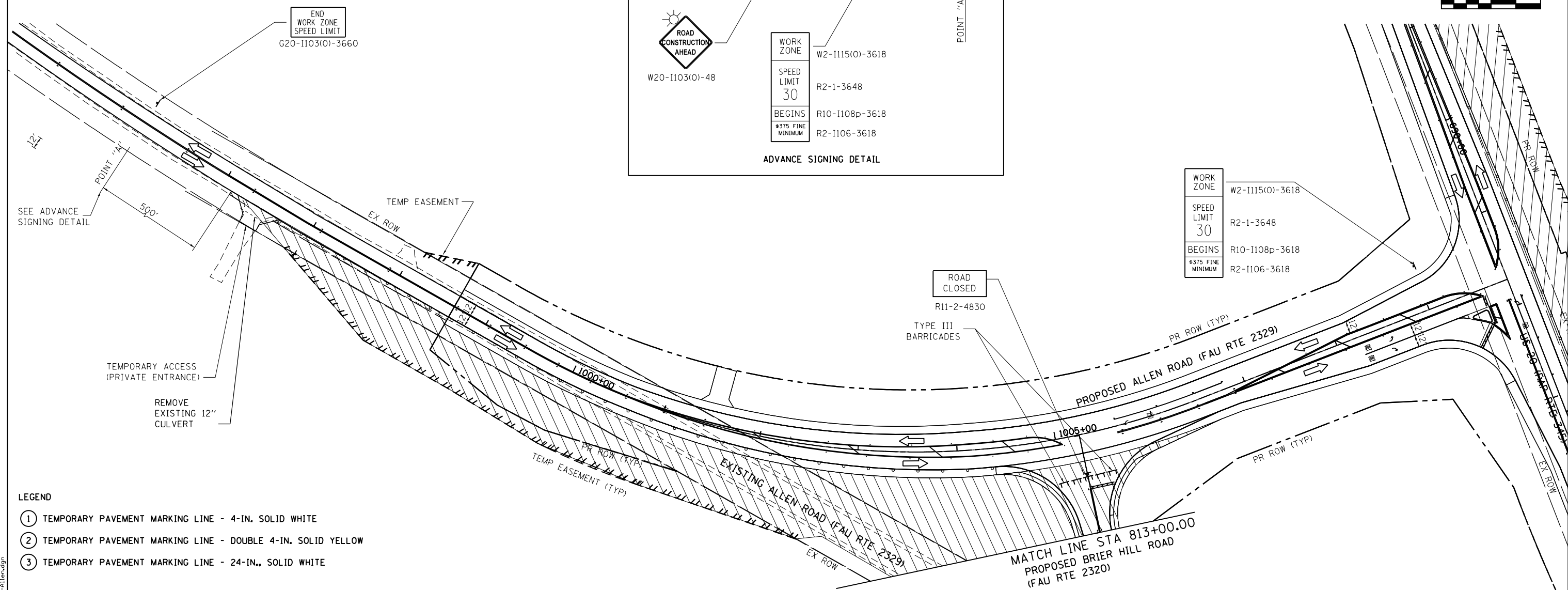
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	65
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



WORK ZONE	W2-1115(O)-3618
SPEED LIMIT	R2-1-3648
BEGINS	R10-1108p-3618
#375 FINE MINIMUM	R2-1106-3618

ADVANCE SIGNING DETAIL

WORK ZONE	W2-1115(O)-3618
SPEED LIMIT	R2-1-3648
BEGINS	R10-1108p-3618
#375 FINE MINIMUM	R2-1106-3618



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
  - ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
  - TEMPORARY STOP BARS
  - ⊕ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
  - ⊥ SIGN (SHOWN FACING LEFT)
  - ⊥ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
  - ⇄ DIRECTION OF TRAFFIC INDICATORS
  - ▭ TEMPORARY CONCRETE BARRIER
  - ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
  - ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
  - ▧ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED, CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
  - ⊙ MONO-DIRECTIONAL FLASHING BEACON
  - DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

- NOTE**
- PERMANENT SIGNS ON US 20 AND ALLEN ROAD SHALL BE INSTALLED IN STAGE 1 AND ARE NOT SHOWN ON THESE SHEETS. REFER TO SIGNING SHEETS. ALL PERMANENT SIGNS IN CONFLICT WITH THE SUGGESTED STAGES OF CONSTRUCTION PLAN SHALL BE TEMPORARILY COVERED.
  - REFER TO SHEET 120 FOR PERMANENT PAVEMENT MARKINGS ON ALLEN ROAD.

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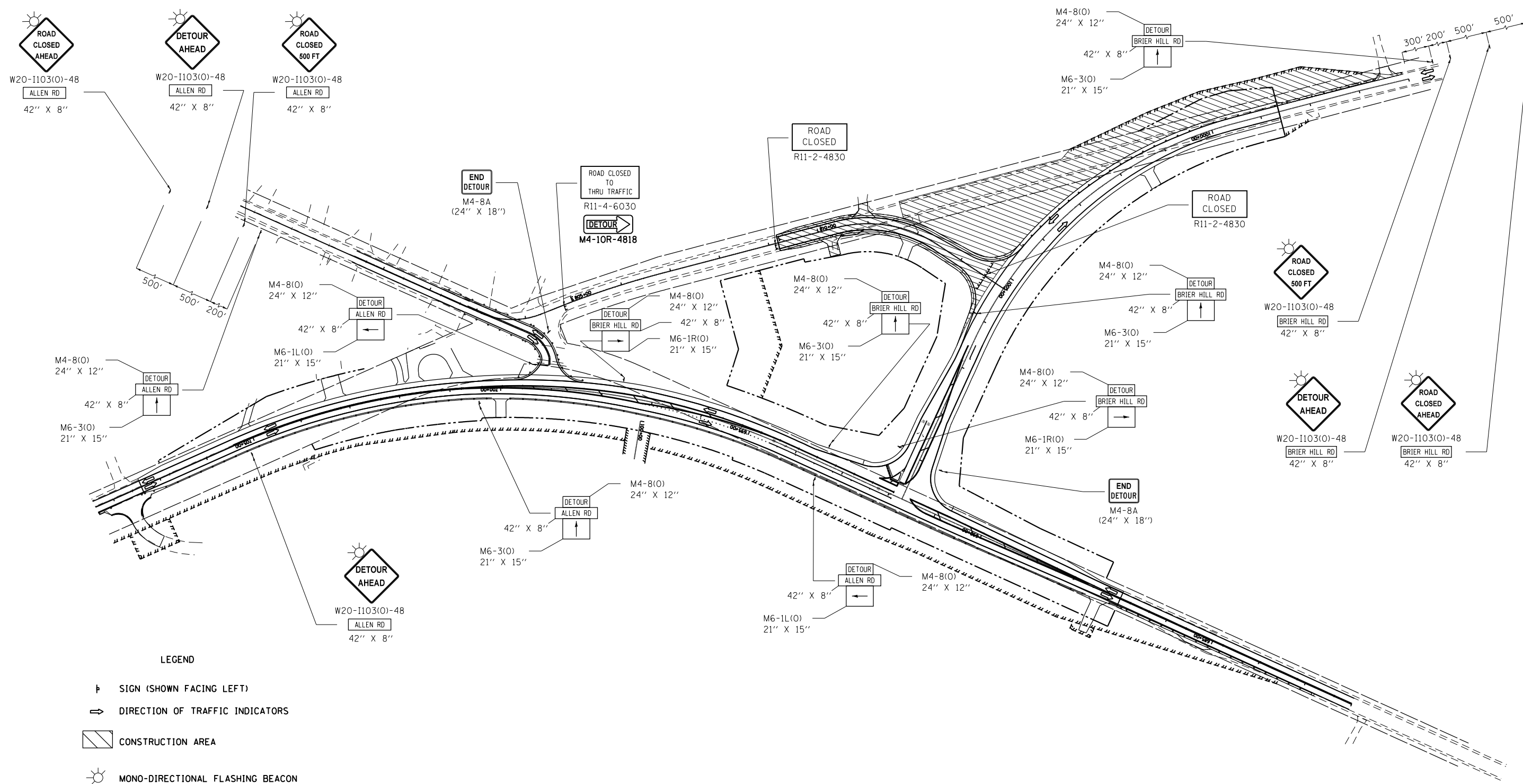
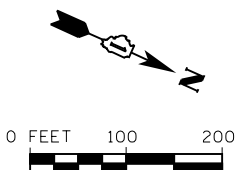


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



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
ALLEN ROAD STAGE 2			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	66
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  SIGN (SHOWN FACING LEFT)
-  DIRECTION OF TRAFFIC INDICATORS
-  CONSTRUCTION AREA
-  MONO-DIRECTIONAL FLASHING BEACON

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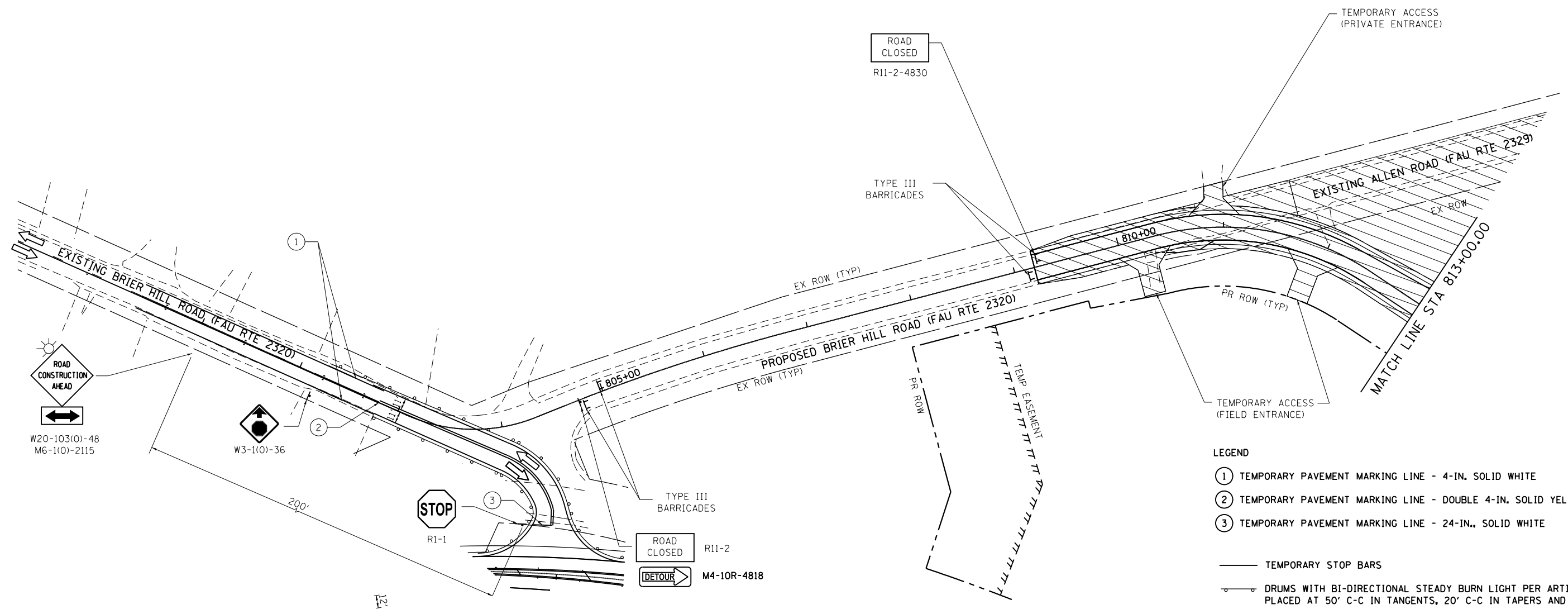
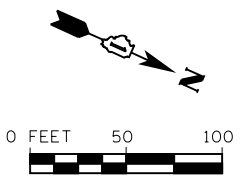


1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennissw MODEL NAME = Default PLOT SCALE = 100.0000' / 1" = PLOT DATE = 7/1/2014	DESIGNED - JLB DRAWN - BJF DJW CHECKED - MAG DATE - 6/17/14	REVISED - REVISED - REVISED - REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL				
STAGE 2 DETOUR				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	67
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
  - ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
  - TEMPORARY STOP BARS
  - ⊕ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
  - ⊕ SIGN (SHOWN FACING LEFT)
  - ⊕ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
  - ⇒ DIRECTION OF TRAFFIC INDICATORS
  - ▭ TEMPORARY CONCRETE BARRIER
  - ⊕ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
  - ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
  - ▨ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED. CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
  - ☀ MONO-DIRECTIONAL FLASHING BEACON
  - DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

**NOTE**  
 MAINTAIN EXISTING PAVEMENT ON ALLEN ROAD UNTIL TEMPORARY ACCESS CAN BE MAINTAINED ON THE NEW BRIER HILL ROAD PAVEMENT TO THE PRIVATE ENTRANCE AT STATION 810+91, LT.

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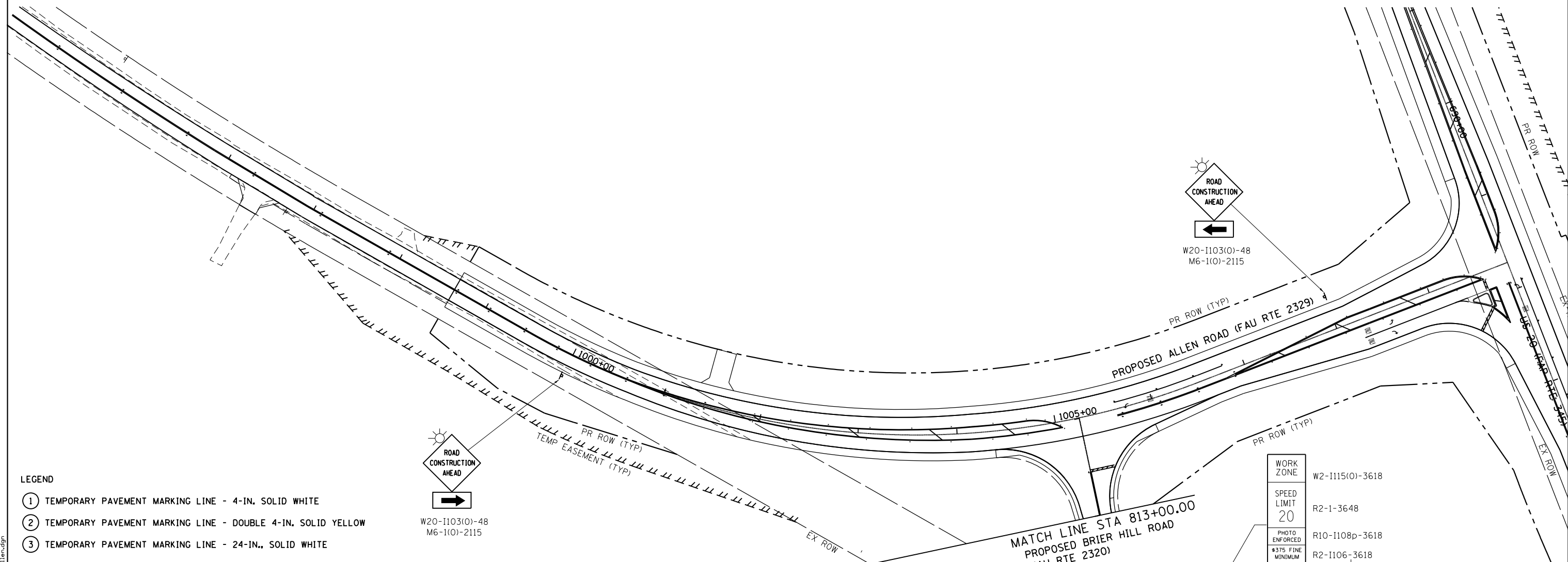
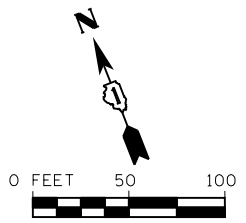


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MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
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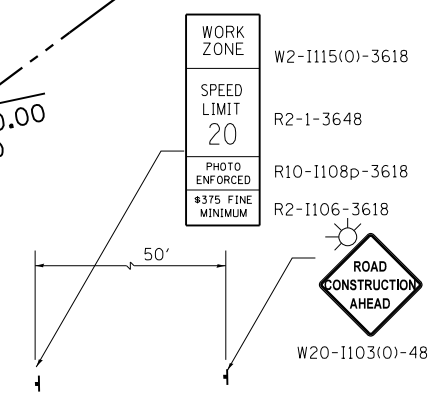
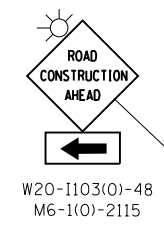
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
BRIER HILL ROAD STAGE 2			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	68
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
  - ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
  - TEMPORARY STOP BARS
  - DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
  - ⊥ SIGN (SHOWN FACING LEFT)
  - TT TYPE III BARRICADE WITH TWO FLASHING LIGHTS
  - ⇨ DIRECTION OF TRAFFIC INDICATORS
  - ▭ TEMPORARY CONCRETE BARRIER
  - ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
  - ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
  - ▧ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED, CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
  - ☀ MONO-DIRECTIONAL FLASHING BEACON
  - DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.



SOUTHBOUND BRIER HILL ROAD ADVANCE SIGNING DETAIL

**NOTE**  
REFER TO SHEET 122 FOR PERMANENT PAVEMENT MARKINGS ON ALLEN ROAD.

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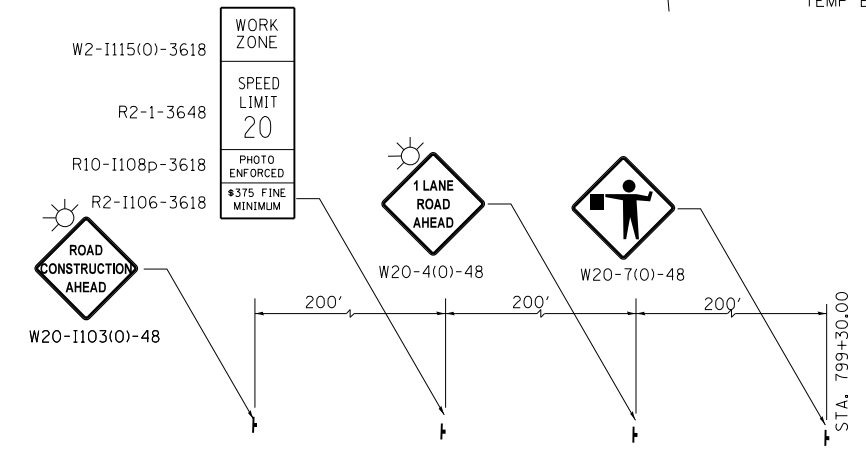
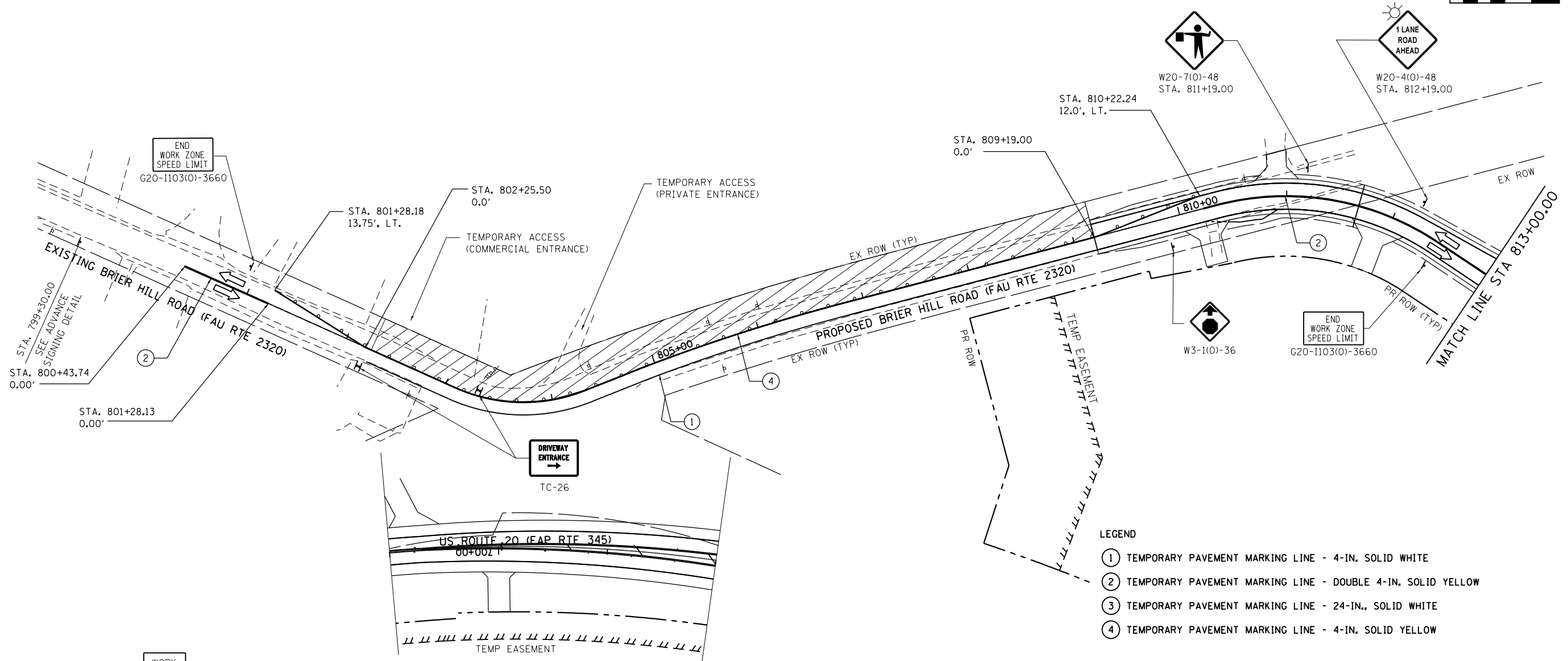
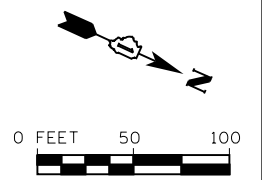


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MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
ALLEN ROAD STAGE 3A			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	69
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



NORTHBOUND ADVANCE SIGNING DETAIL

LEGEND

- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
- ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
- ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
- ④ TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID YELLOW
- TEMPORARY STOP BARS
- ⊥ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
- ⊥ SIGN (SHOWN FACING LEFT)
- TT TYPE III BARRICADE WITH TWO FLASHING LIGHTS
- ⇒ DIRECTION OF TRAFFIC INDICATORS
- ▭ TEMPORARY CONCRETE BARRIER
- ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
- ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
- ▨ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED, CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
- ⊙ MONO-DIRECTIONAL FLASHING BEACON
- DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

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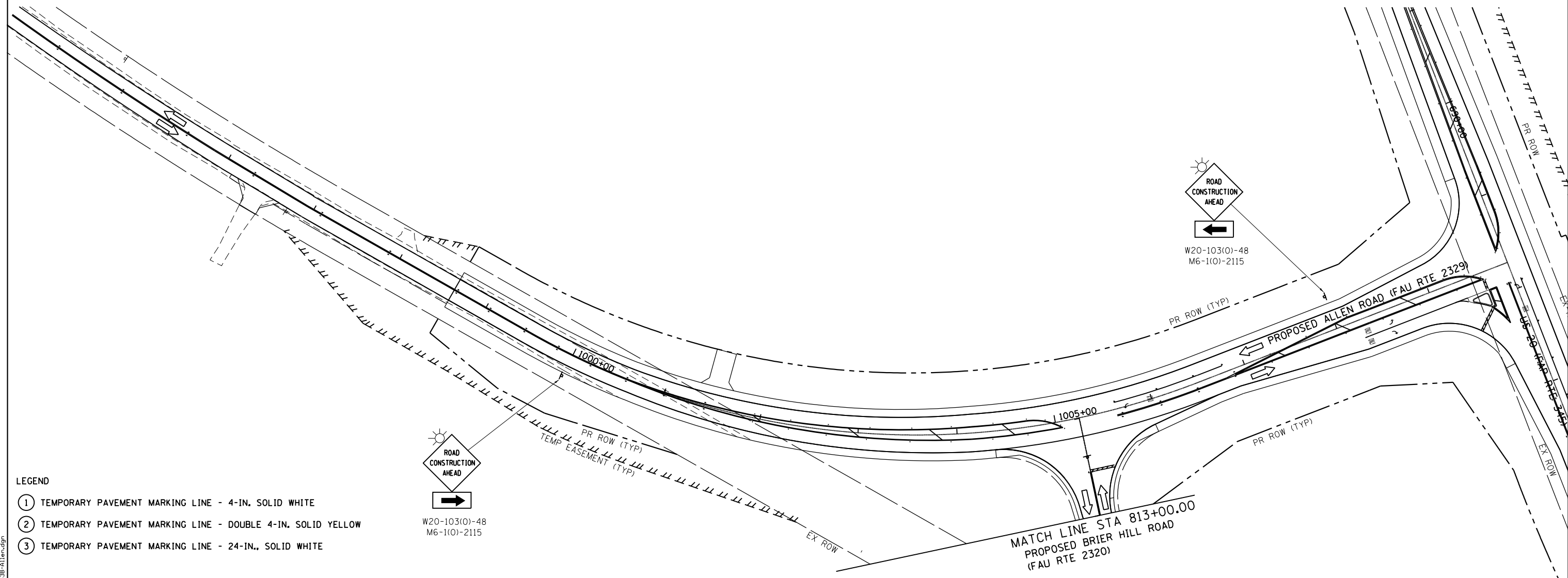
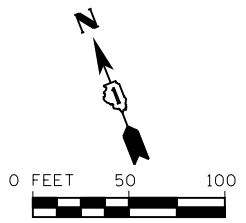


USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
BRIER HILL ROAD STAGE 3A			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	70
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
  - ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
- TEMPORARY STOP BARS
  - ⊕ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
  - ⊖ SIGN (SHOWN FACING LEFT)
  - ⊥ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
  - ⇄ DIRECTION OF TRAFFIC INDICATORS
  - ▬ TEMPORARY CONCRETE BARRIER
  - ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
  - ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
  - ▧ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED. CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
  - ☀ MONO-DIRECTIONAL FLASHING BEACON
  - DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

**NOTE**  
REFER TO SHEET 122 FOR PERMANENT PAVEMENT MARKINGS ON ALLEN ROAD.

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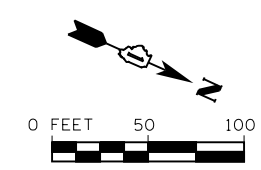
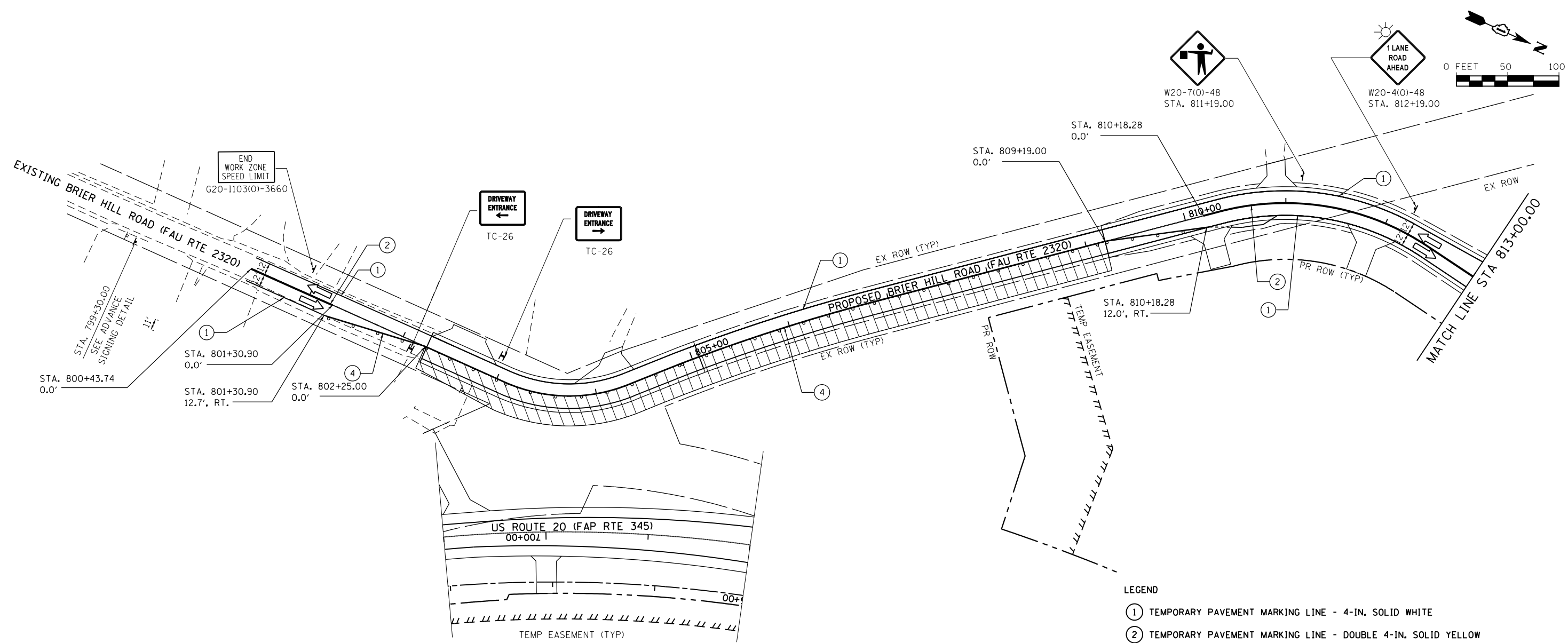
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**ALLEN ROAD STAGE 3A & 3B**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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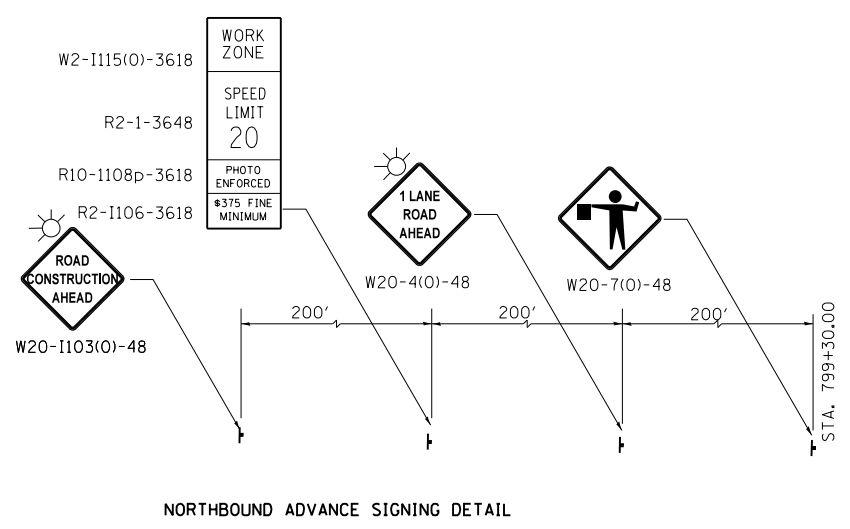
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	71
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

FILE NAME = SA\JUL16300-6399\6346\054\Micro\CAAD\_Sheets\0160727-eh1-staging-53B-Briehill.dgn



**LEGEND**

- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
- ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
- ③ TEMPORARY PAVEMENT MARKING LINE - 24-IN., SOLID WHITE
- ④ TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID YELLOW
- TEMPORARY STOP BARS
- ⊕ DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT PER ARTICLE 701.16 PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS AND RADII.
- ⊥ SIGN (SHOWN FACING LEFT)
- ⊥ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
- ⇨ DIRECTION OF TRAFFIC INDICATORS
- ▭ TEMPORARY CONCRETE BARRIER
- ⊗ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 OR 3
- ▨ TEMPORARY PAVEMENT (10" HMA OR 8" PCC)
- ▨ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED, CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
- ☀ MONO-DIRECTIONAL FLASHING BEACON
- DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.



NORTHBOUND ADVANCE SIGNING DETAIL



USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

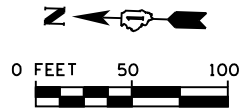
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
BRIER HILL ROAD STAGE 3B**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	72
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

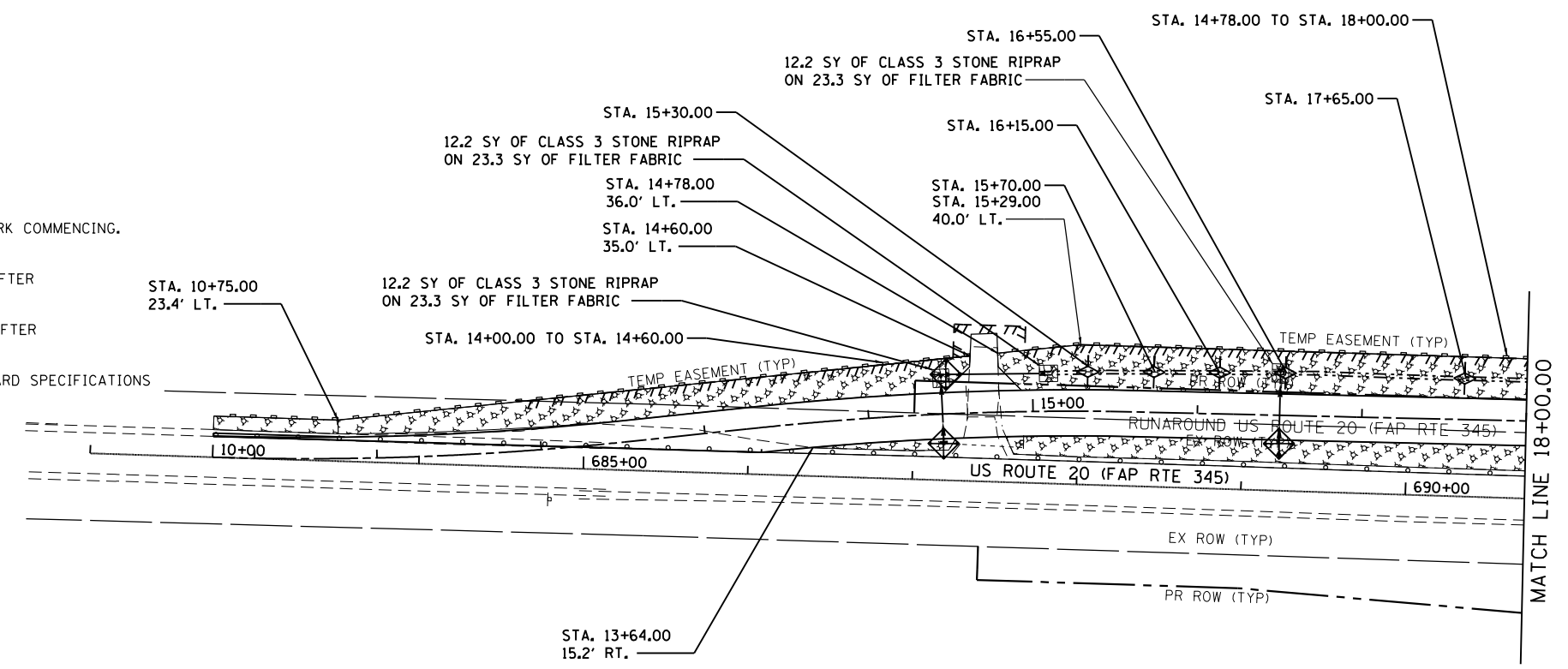


# EROSION CONTROL GENERAL NOTES



1. SILT FENCE SHALL BE USED AS A PERIMETER EROSION BARRIER TO FILTER RUNOFF LEAVING THE PROJECT LIMITS. J-HOOKS SHALL BE INSTALLED AS SHOWN IN HIGHWAY STANDARD 280001-06 AT LOCATIONS APPROVED BY THE RESIDENT ENGINEER.
2. PROPOSED DRAINAGE STRUCTURES RECEIVING RUNOFF SHALL BE PROTECTED WITH INLET AND PIPE PROTECTION IMMEDIATELY AFTER CONSTRUCTION.
3. INLET FILTERS SHALL BE USED ONLY IN PAVED AREAS.
4. FOR INLET AND PIPE PROTECTION, USE A COMBINATION OF TEMPORARY SEED, EROSION CONTROL BLANKET, AND TEMPORARY DITCH CHECKS FOR PIPE PROTECTION. THE USE OF STRAW BALES FOR PIPE PROTECTION SHALL NOT BE ALLOWED.
5. ALL ESC MEASURES SHOULD BE CHECKED WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED AFTER EACH SIGNIFICANT SNOWMELT.
6. THE CONTRACTOR IS REQUIRED TO SUBMIT A PLAN TO THE RESIDENT ENGINEER TO PREVENT RUNOFF WATERS FROM ENTERING THE PROPOSED STORM SEWER SYSTEM DURING CONSTRUCTION AS THE UPSTREAM END CHANGES DAILY.
7. STABILIZED CONSTRUCTION ENTRANCES WILL BE REQUIRED. ALL LOCATIONS SHALL BE APPROVED BY THE RESIDENT ENGINEER, AND PAYMENT SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT.
8. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.
9. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN CONTRACTOR AND THE DEPARTMENT.
10. SEDIMENT TRAPS ARE NOT SHOWN IN THE PRE-STAGE SHEETS BUT SHALL BE CONSTRUCTED PRIOR TO THE EARTHWORK COMMENCING. SEE OTHER EROSION AND SEDIMENT SHEETS FOR LOCATIONS OF SEDIMENT TRAPS IN THE PROJECT.
11. MULCH, METHOD 1 SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES 1:10 AND FLATTER.
12. MULCH, METHOD 3 SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES BETWEEN 1:3 AND 1:10.
13. TEMPORARY EROSION CONTROL BLANKET SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES 1:3 OR STEEPER THAT ARE TEMPORARILY SEEDED ON OR AFTER SEPTEMBER 16, OR AS DETERMINED BY THE ENGINEER.
14. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW OR WASTE/USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR WILL NEED TO SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
15. PERMANENT STABILIZATION SHOULD OCCUR AT EACH STAGE PRIOR TO MOVING ONTO THE NEXT STAGE.
16. WETLAND EXCLUSION FENCING AND "WETLAND NO INTRUSION" SIGNAGE SHOULD BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS WITHIN/IMMEDIATELY ADJACENT TO THE ROW.

DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS



**LEGEND**

	MULCH METHOD 1 WITH TEMPORARY EROSION CONTROL SEEDING
	MULCH METHOD 3 WITH TEMPORARY EROSION CONTROL SEEDING
	PERIMETER EROSION BARRIER (PEB)
	TEMPORARY FENCE
	TEMPORARY DITCH CHECK
	INLET FILTER/INLET & PIPE PROTECTION
	SEDIMENT TRAP
	WETLAND

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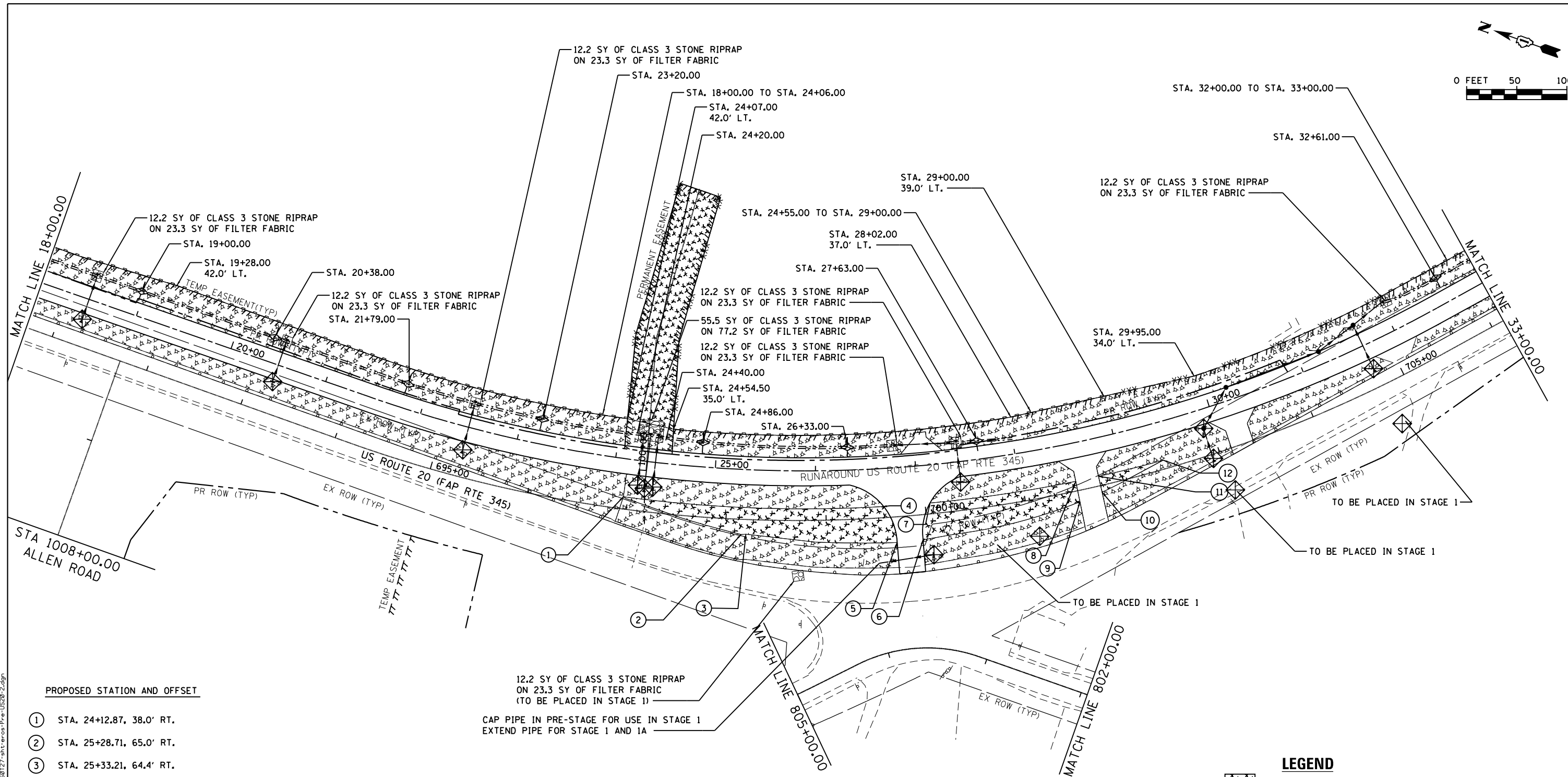
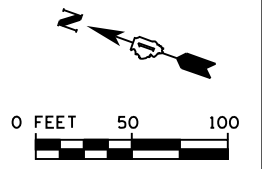


1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennissw MODEL NAME = Default PLOT SCALE = 100.0000' / 1" = PLOT DATE = 7/1/2014	DESIGNED - JLB DRAWN - BJF DJW CHECKED - MAG DATE - 6/17/14	REVISED - REVISED - REVISED - REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION &amp; SEDIMENT CONTROL PLAN US ROUTE 20 RUNAROUND</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	73
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



**PROPOSED STATION AND OFFSET**

- ① STA. 24+12.87, 38.0' RT.
- ② STA. 25+28.71, 65.0' RT.
- ③ STA. 25+33.21, 64.4' RT.
- ④ STA. 26+66.01, 38.0' RT.
- ⑤ STA. 26+76.65, 74.7' RT.
- ⑥ STA. 27+01.25, 74.0' RT.
- ⑦ STA. 27+10.97, 38.0' RT.
- ⑧ STA. 28+54.06, 38.0' RT.
- ⑨ STA. 28+54.06, 58.9' RT.
- ⑩ STA. 28+76.70, 54.2' RT.
- ⑪ STA. 28+76.70, 38.0' RT.
- ⑫ STA. 29+41.36, 38.0' RT.

12.2 SY OF CLASS 3 STONE RIPRAP ON 23.3 SY OF FILTER FABRIC (TO BE PLACED IN STAGE 1)  
 CAP PIPE IN PRE-STAGE FOR USE IN STAGE 1  
 EXTEND PIPE FOR STAGE 1 AND 1A

**LEGEND**

	MULCH METHOD 1 WITH TEMPORARY EROSION CONTROL SEEDING
	MULCH METHOD 3 WITH TEMPORARY EROSION CONTROL SEEDING
	PERIMETER EROSION BARRIER (PEB)
	- X - TEMPORARY FENCE
	◇ TEMPORARY DITCH CHECK
	◇ INLET FILTER/INLET & PIPE PROTECTION
	○ SEDIMENT TRAP
	▨ WETLAND

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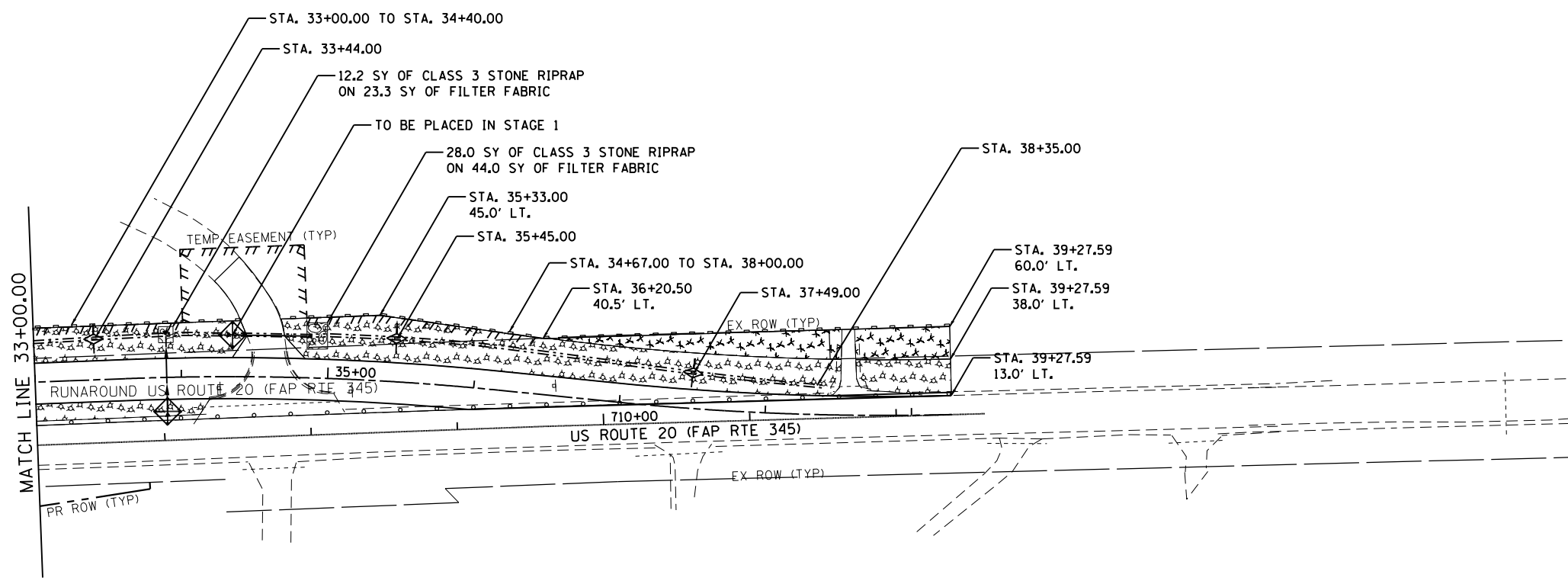
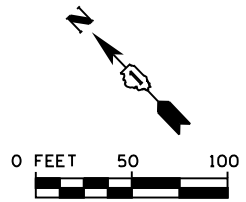


USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION &amp; SEDIMENT CONTROL PLAN</b>	
<b>US ROUTE 20 RUNAROUND</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	74
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	MULCH METHOD 1 WITH TEMPORARY EROSION CONTROL SEEDING
	MULCH METHOD 3 WITH TEMPORARY EROSION CONTROL SEEDING
	PERIMETER EROSION BARRIER (PEB)
	TEMPORARY FENCE
	TEMPORARY DITCH CHECK
	INLET FILTER/INLET & PIPE PROTECTION
	SEDIMENT TRAP
	WETLAND

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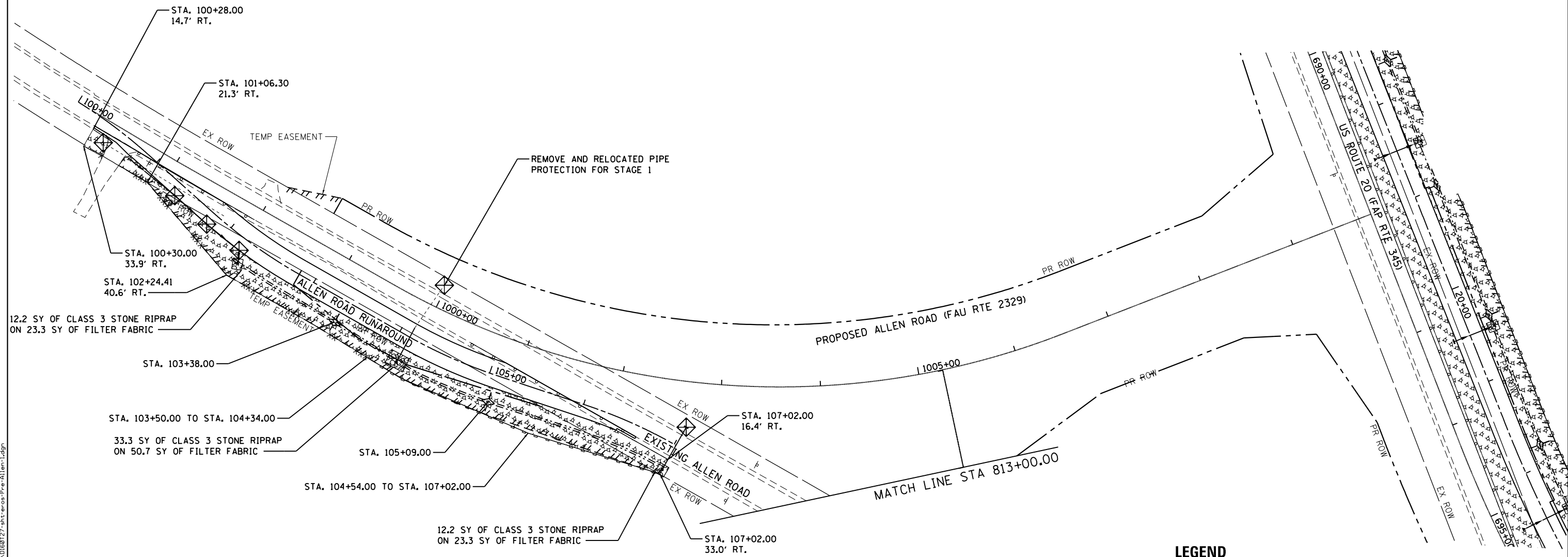
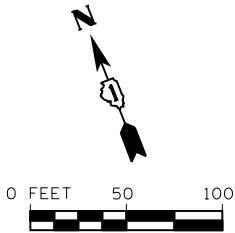
**SA STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JULIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennissw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>EROSION &amp; SEDIMENT CONTROL PLAN US ROUTE 20 RUNAROUND</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	75
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- MULCH METHOD 1 WITH TEMPORARY EROSION CONTROL SEEDING
  - MULCH METHOD 3 WITH TEMPORARY EROSION CONTROL SEEDING
  - PERIMETER EROSION BARRIER (PEB)
  - X - TEMPORARY FENCE
  - TEMPORARY DITCH CHECK
  - INLET FILTER/INLET & PIPE PROTECTION
  - SEDIMENT TRAP
  - WETLAND

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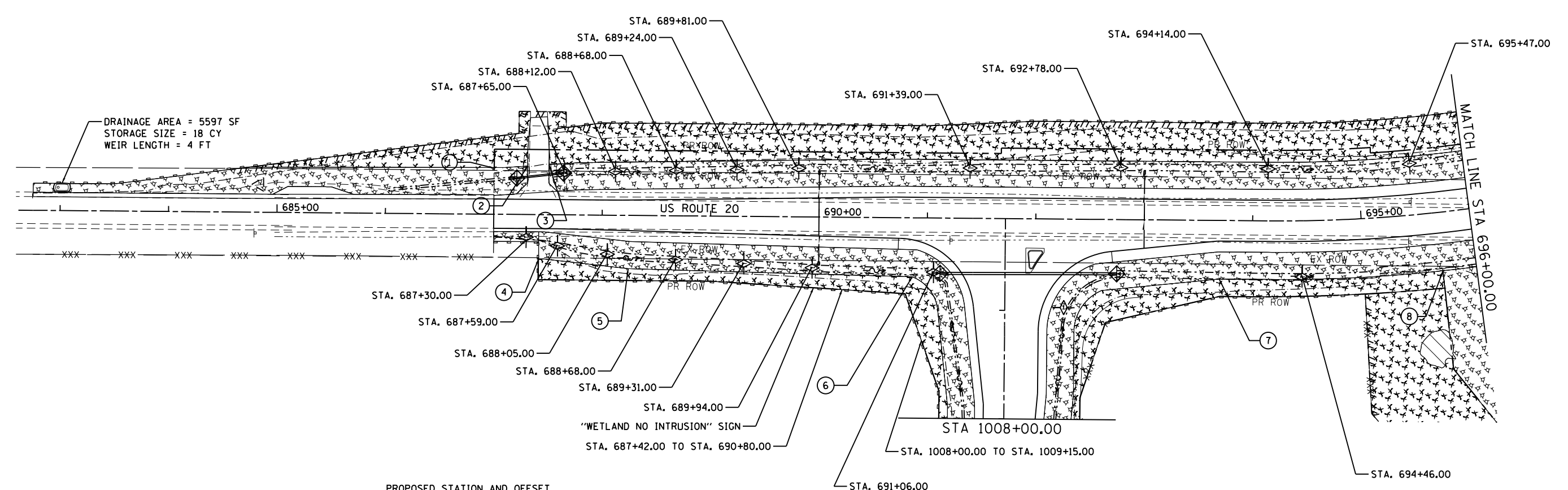
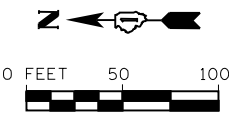


USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION &amp; SEDIMENT CONTROL PLAN ALLEN ROAD RUNAROUND</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	76
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



**PROPOSED STATION AND OFFSET**

- ① STA. 687+00.00, 42.4' LT.
- ② STA. 687+30.09, 44.7' LT.
- ③ STA. 687+50.65, 46.0' LT.
- ④ STA. 687+41.77, 40.8' RT.
- ⑤ STA. 688+24.40, 49.0' RT.
- ⑥ STA. 690+86.44, 54.4' RT.
- ⑦ STA. 693+69.62, 54.0' RT.
- ⑧ STA. 695+70.00, 54.0' RT.

**LEGEND**

	MULCH METHOD 1 WITH TEMPORARY EROSION CONTROL SEEDING
	MULCH METHOD 3 WITH TEMPORARY EROSION CONTROL SEEDING
	PERIMETER EROSION BARRIER (PEB)
	- X - TEMPORARY FENCE
	◇ TEMPORARY DITCH CHECK
	◇ INLET FILTER/INLET & PIPE PROTECTION
	○ SEDIMENT TRAP
	WETLAND

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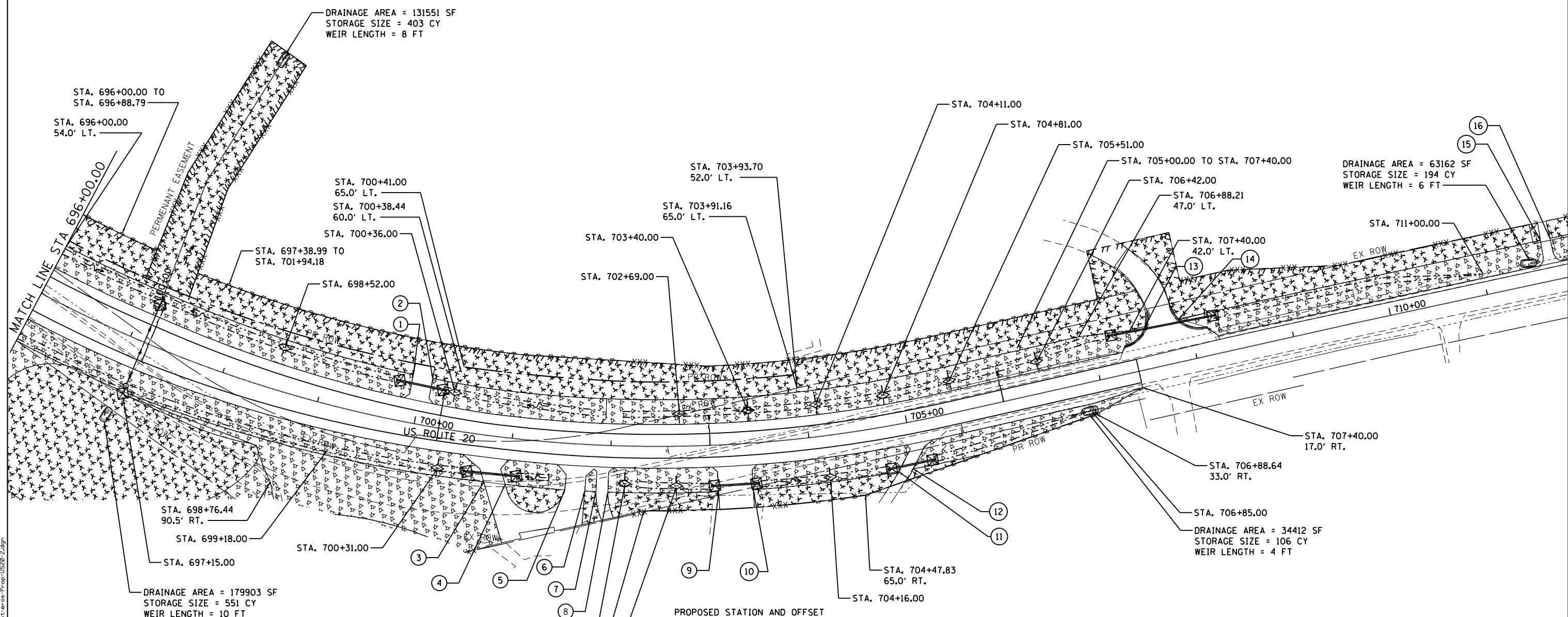
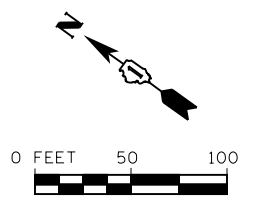


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MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION &amp; SEDIMENT CONTROL PLAN US ROUTE 20</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	77
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



- PROPOSED STATION AND OFFSET**
- ① STA. 699+89.62, 48.6' LT.
  - ② STA. 700+10.38, 48.2' LT.
  - ③ STA. 700+76.63, 45.7' RT.
  - ④ STA. 700+98.19, 47.0' RT.
  - ⑤ STA. 701+56.69, 47.0' RT.
  - ⑥ STA. 701+76.02, 47.0' RT.
  - ⑦ STA. 701+86.97, 47.0' RT.
  - ⑧ STA. 701+98.57, 47.0' RT.
  - ⑨ STA. 703+06.65, 47.0' RT.
  - ⑩ STA. 703+40.45, 47.0' RT.

- PROPOSED STATION AND OFFSET**
- ⑪ STA. 704+83.13, 47.0' RT.
  - ⑫ STA. 704+97.68, 47.0' RT.
  - ⑬ STA. 707+55.77, 43.0' LT.
  - ⑭ STA. 707+90.52, 43.0' LT.
  - ⑮ STA. 711+63.84, 42.0' LT.
  - ⑯ STA. 711+73.46, 42.0' LT.

**LEGEND**

- MULCH METHOD 1 WITH TEMPORARY EROSION CONTROL SEEDING
- MULCH METHOD 3 WITH TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER (PEB)
- X - TEMPORARY FENCE
- TEMPORARY DITCH CHECK
- INLET FILTER/INLET & PIPE PROTECTION
- SEDIMENT TRAP
- WETLAND

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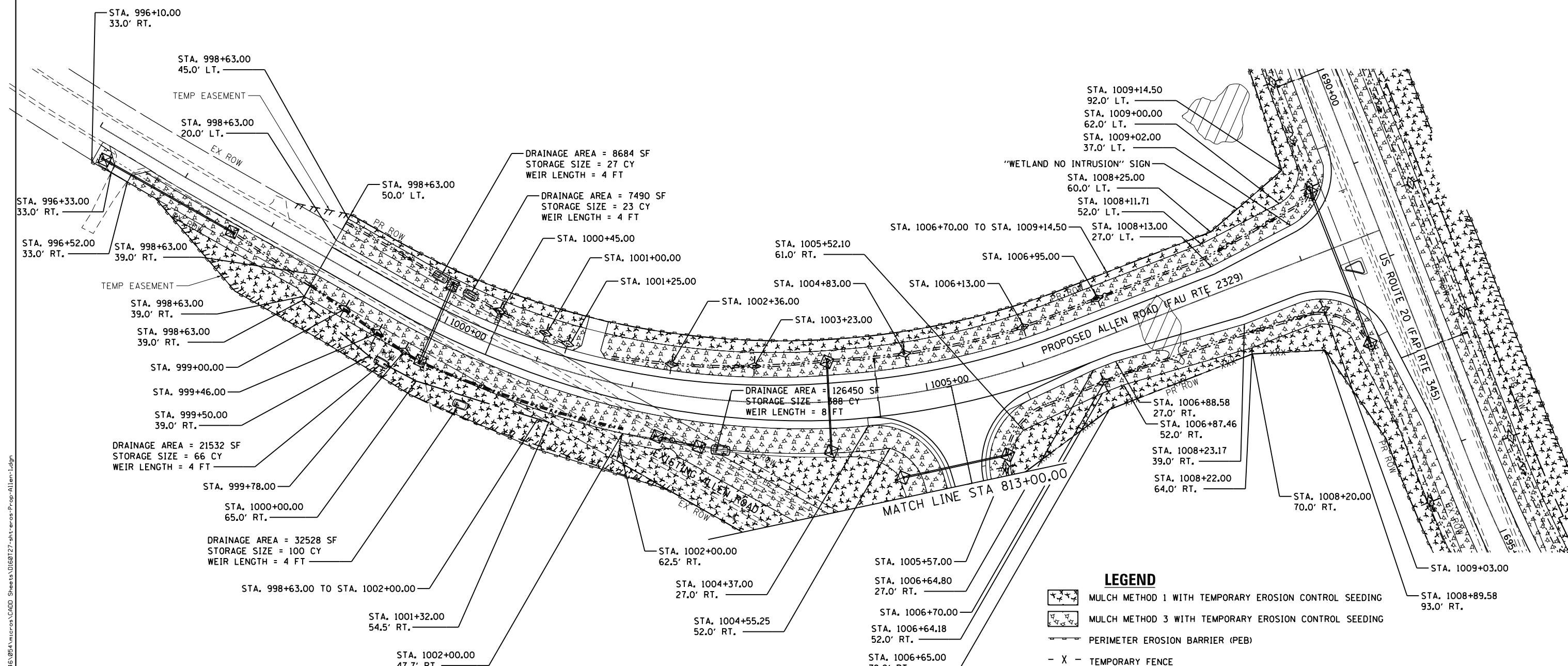
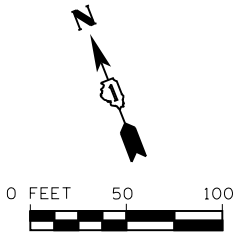


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MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION &amp; SEDIMENT CONTROL PLAN US ROUTE 20</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	78
				CONTRACT NO. 60T27
ILLINOIS FED. AID PROJECT				



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**SA STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennissw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

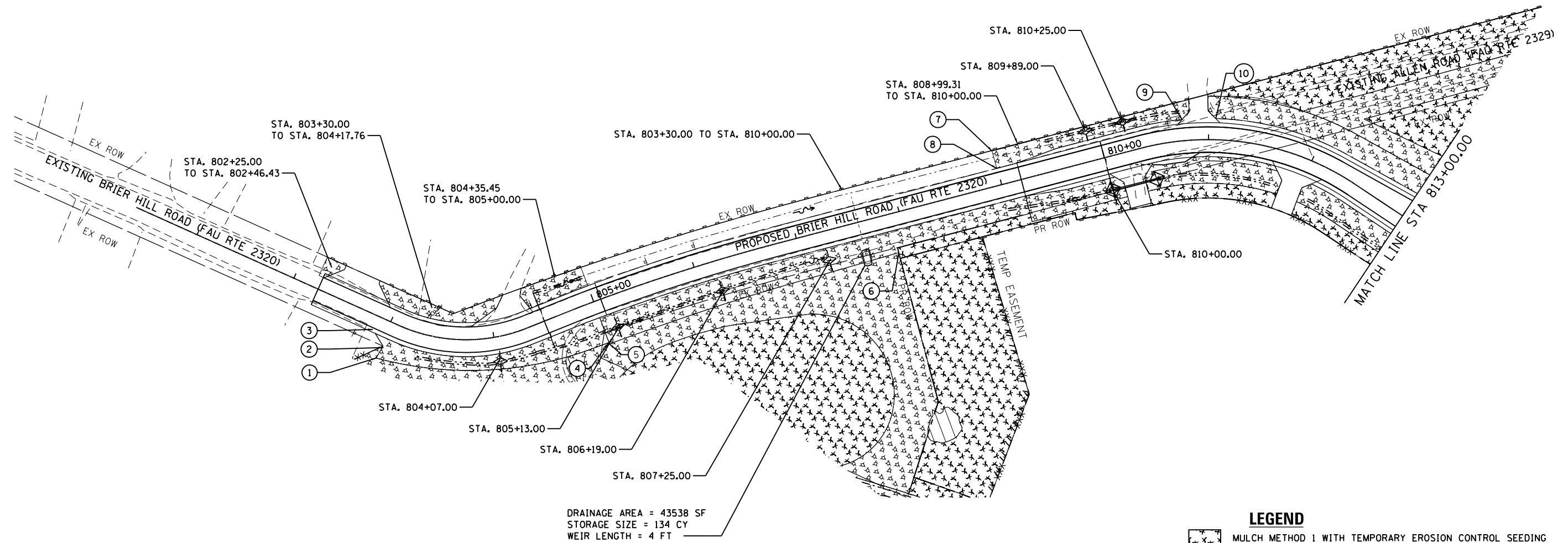
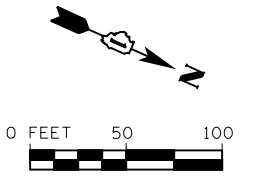
**EROSION & SEDIMENT CONTROL PLAN  
 ALLEN ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 79
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T27	

PROPOSED STATION AND OFFSET

- ① STA. 803+07.70, 41.0' RT.
- ② STA. 803+05.39, 29.7' RT.
- ③ STA. 802+92.23, 16.0' RT.
- ④ STA. 805+00.00, 41.0' RT.
- ⑤ STA. 805+00.00, 42.4' RT.
- ⑥ STA. 807+90.00, 37.4' RT.
- ⑦ STA. 808+99.31, 33.0' LT.
- ⑧ STA. 808+99.35, 16.0' LT.
- ⑨ STA. 810+76.75, 20.0' LT.
- ⑩ STA. 811+06.18, 20.0' LT.



DRAINAGE AREA = 43538 SF  
 STORAGE SIZE = 134 CY  
 WEIR LENGTH = 4 FT

- LEGEND**
- MULCH METHOD 1 WITH TEMPORARY EROSION CONTROL SEEDING
  - MULCH METHOD 3 WITH TEMPORARY EROSION CONTROL SEEDING
  - PERIMETER EROSION BARRIER (PEB)
  - X - TEMPORARY FENCE
  - TEMPORARY DITCH CHECK
  - INLET FILTER/INLET & PIPE PROTECTION
  - SEDIMENT TRAP
  - WETLAND

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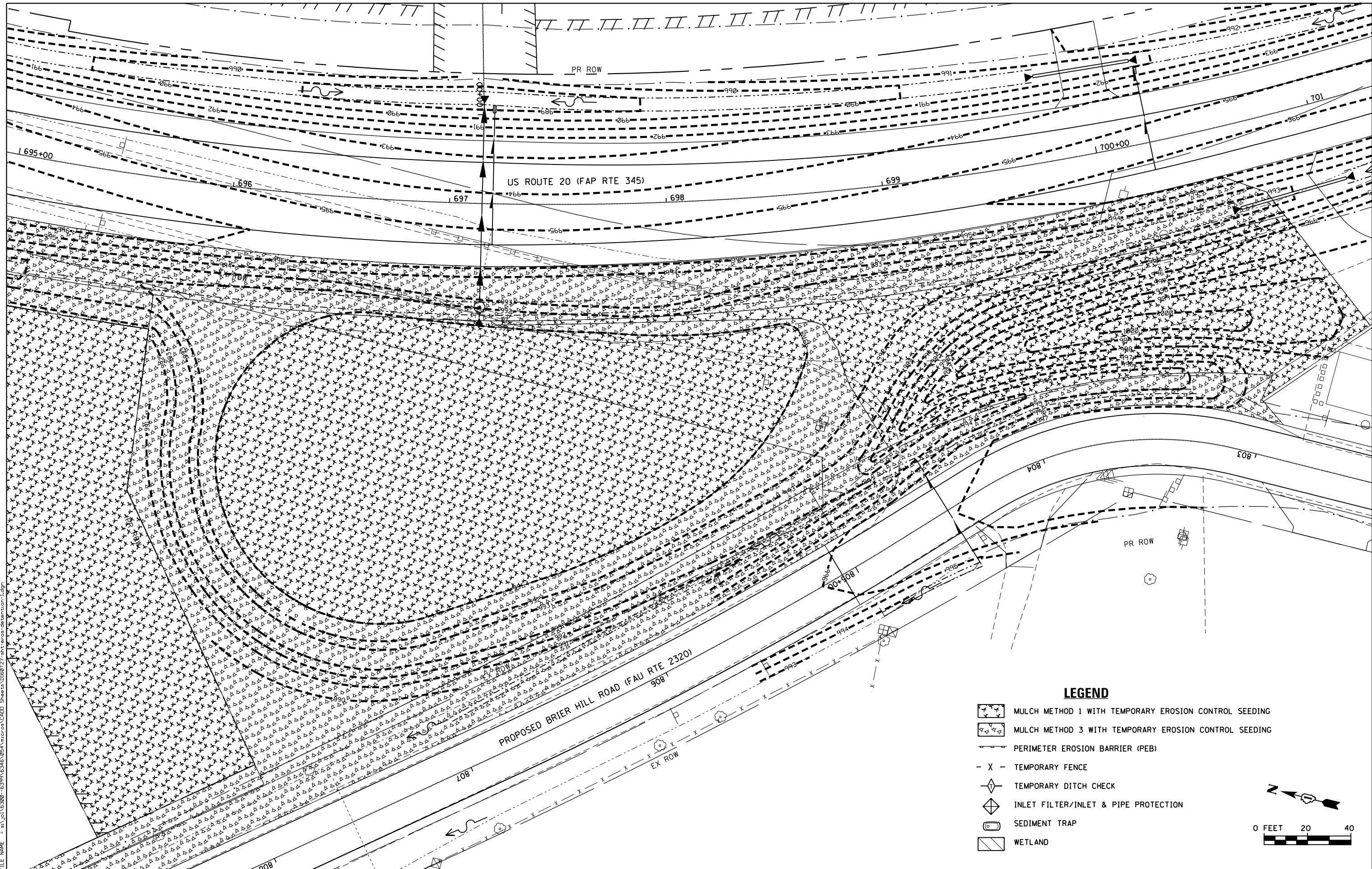
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PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL PLAN	
BRIER HILL ROAD	
SCALE:	SHEET OF SHEETS STA. TO STA.









F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	80
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

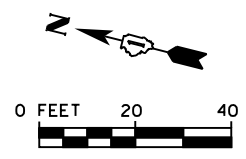




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**LEGEND**

-  MULCH METHOD 1 WITH TEMPORARY EROSION CONTROL SEEDING
-  MULCH METHOD 3 WITH TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER (PEB)
-  TEMPORARY FENCE
-  TEMPORARY DITCH CHECK
-  INLET FILTER/INLET & PIPE PROTECTION
-  SEDIMENT TRAP
-  WETLAND



**SA STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JULIET, ILLINOIS 60431  
 (815) 744-4200

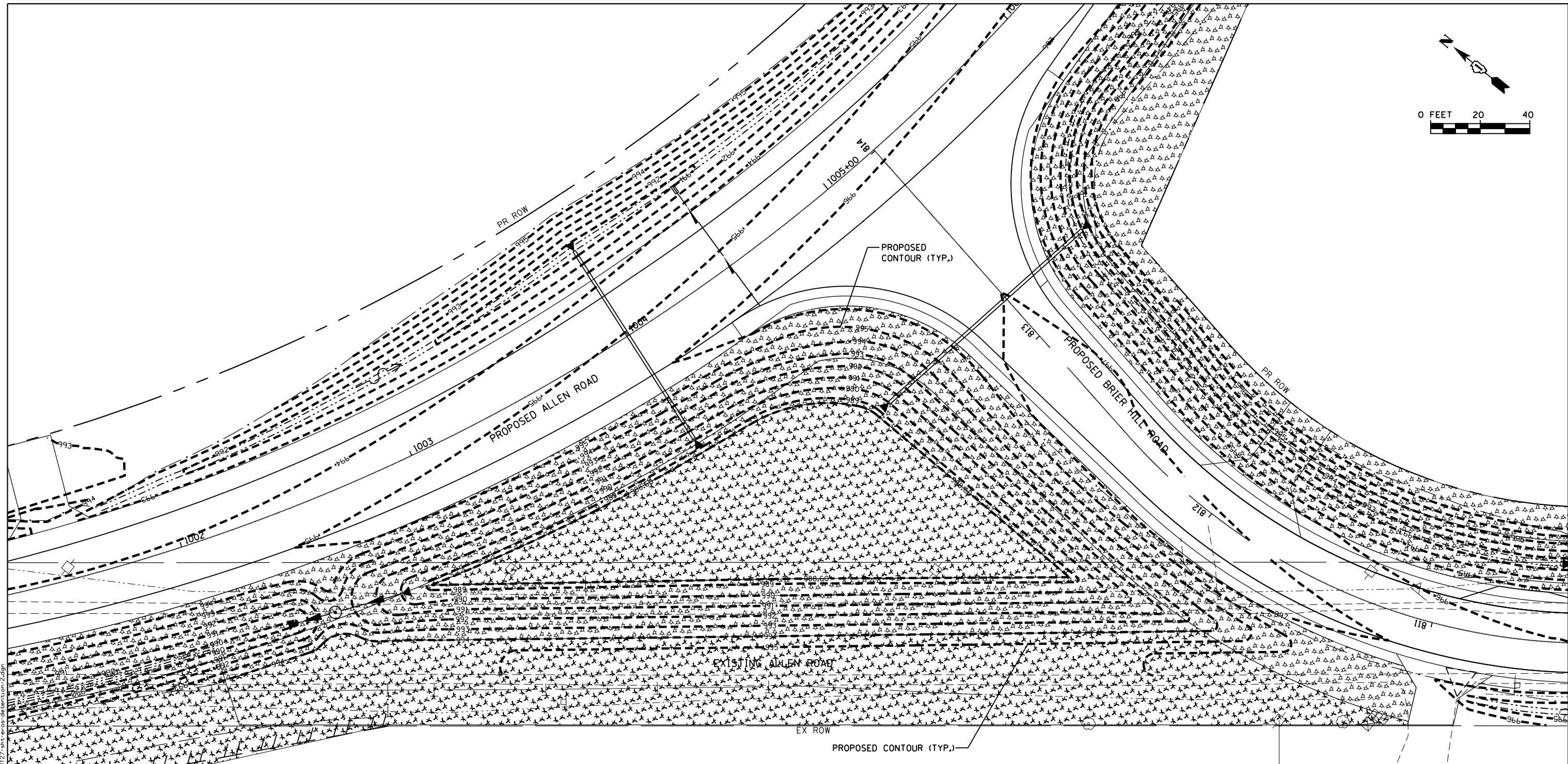
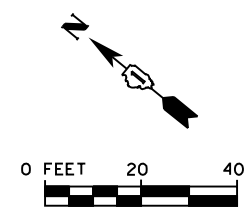
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PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BASIN #1 - TEMPORARY EROSION CONTROL PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 81
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- MULCH METHOD 1 WITH TEMPORARY EROSION CONTROL SEEDING
- MULCH METHOD 3 WITH TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY FENCE
- TEMPORARY DITCH CHECK
- INLET FILTER/INLET & PIPE PROTECTION
- SEDIMENT TRAP
- WETLAND

FILE NAME = s:\j\1\6300-6399\6346\95A\microes\CADD Sheets\0160127-ah-erosion-control-2.dgn

**SA**  
STRAND  
ASSOCIATES

1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw
MODEL NAME = Default
PLOT SCALE = 48.0000' / in.
PLOT DATE = 7/1/2014

DESIGNED - JLB
DRAWN - BJF DJW
CHECKED - MAG
DATE - 6/17/14

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BASIN #2 - TEMPORARY EROSION CONTROL PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	82
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				

TEMPORARY DRAINAGE STRUCTURE SCHEDULE										
STRUCTURE NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RIM ELEV.	INV. N	INV. S	INV. W	INV. E	STAGE
S-103	END SECTIONS, EQUIVALENT ROUND-SIZE 24"	US-20 RUN-AROUND	24+32	27 RT					988.45	PRE-STAGE
S-105	EXISTING CULVERT	ALLEN ROAD RUN-AROUND	104+11	11 LT				988.79		1
S-106	END SECTIONS 24"	ALLEN ROAD RUN-AROUND	104+12	26 RT				988.60		1
S-107	END SECTIONS 15"	US-20 RUN-AROUND	34+35	28.5 LT			983.68			1
S-108	END SECTIONS 15"	US-20 RUN-AROUND	34+85	28.5 LT		983.10				1
S-109	INLETS, TYPE A, TYPE 8 GRATE	ALLEN ROAD RUN-AROUND	107+02	21 LT	993.00			991.05		1
S-110	END SECTIONS 15"	ALLEN ROAD RUN-AROUND	107+02	25 RT				990.80		1
S-111	EXISTING CULVERT	ALLEN ROAD RUN-AROUND	100+75	15.5 RT			994.20			1
S-112	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	ALLEN ROAD RUN-AROUND	101+36	13 RT	996.31	993.03	993.03			1
S-113	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	ALLEN ROAD RUN-AROUND	101+79	13 RT	995.63	992.36	992.36			1
S-114	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	ALLEN ROAD RUN-AROUND	102+20	13 RT	994.96	991.71	991.71			1
S-115	END SECTIONS 12"	ALLEN ROAD RUN-AROUND	102+25	22 RT				991.60		1
S-116	INLETS, TYPE A, TYPE 8 GRATE	US-20 RUN-AROUND	14+45	17.1 RT				1001.19		1
S-117	END SECTIONS 12"	US-20 RUN-AROUND	14+45	20.9 LT				1001.00		1
S-118	END SECTIONS 12"	US-20 RUN-AROUND	14+48	24 LT			1000.50			1
S-119	END SECTIONS 12"	US-20 RUN-AROUND	15+04	23 LT		1000.22				1
S-120	END SECTIONS 12"	US-20 RUN-AROUND	16+50	21 RT				997.88		1
S-121	END SECTIONS 12"	US-20 RUN-AROUND	16+50	24.8 LT				996.58		1
S-122	END SECTIONS 12"	US-20 RUN-AROUND	18+50	21 RT				994.82		1
S-123	END SECTIONS 12"	US-20 RUN-AROUND	18+50	23.8 LT				994.00		1
S-124	INLETS, TYPE A, TYPE 8 GRATE	US-20 RUN-AROUND	20+50	17.5 RT				993.25		1
S-125	END SECTIONS 12"	US-20 RUN-AROUND	20+50	24 LT				991.87		1
S-126	END SECTIONS 12"	US-20 RUN-AROUND	22+50	23.3 RT				992.23		1
S-127	END SECTIONS 12"	US-20 RUN-AROUND	22+50	23.8 LT				989.75		1
S-128	END SECTIONS 12"	US-20 RUN-AROUND	24+25	24.6 RT				989.79		1
S-129	END SECTIONS 12"	US-20 RUN-AROUND	24+25	25.1 LT			988.31			1
S-130	END SECTIONS 12"	US-20 RUN-AROUND	24+40	24.6 RT				989.79		1
S-131	END SECTIONS 12"	US-20 RUN-AROUND	24+40	25.1 LT				988.33		1
S-132	INLETS, TYPE A, TYPE 8 GRATE	US-20 RUN-AROUND	27+43	20.4 RT				991.56		1
S-133	END SECTIONS 12"	US-20 RUN-AROUND	27+43	18.4 LT				991.44		1
S-134	END SECTIONS 12"	US-20 RUN-AROUND	29+88	50.5 RT				993.75		1
S-135	INLETS, TYPE A, TYPE 8 GRATE	US-20 RUN-AROUND	29+88	19 RT		990.93	990.93			1
S-136	INLETS, TYPE A, TYPE 8 GRATE	US-20 RUN-AROUND	31+65	18.2 RT	989.43		989.43	989.43		1
S-137	MH TYPE A, 4' DIA. W/ TIFCL	US-20 RUN-AROUND	31+65	22.8 LT	988.13	988.13	989.08			1
S-138	END SECTIONS 12"	US-20 RUN-AROUND	31+65	25.1 RT				989.50		1
S-139	INLETS, TYPE A, TYPE 8 GRATE	US-20 RUN-AROUND	27+10	89.8 RT	990.67					1
S-140	END SECTIONS 12"	US-20 RUN-AROUND	33+90	23.2 RT				986.20		1
S-141	END SECTIONS 12"	US-20 RUN-AROUND	33+90	28.2 LT				984.05		1
S-142	INLETS, TYPE A, TYPE 8 GRATE	US-20 RUN-AROUND	16+50	17.3 RT				997.77		1
S-143	INLETS, TYPE A, TYPE 8 GRATE	US-20 RUN-AROUND	18+50	16.6 RT				994.74		1
S-144	INLETS, TYPE A, TYPE 8 GRATE	US-20 RUN-AROUND	22+50	16.8 RT				991.89		1
S-145	INLETS, TYPE A, TYPE 8 GRATE	US-20 RUN-AROUND	24+25	18.1 RT				989.59		1
S-146	INLETS, TYPE A, TYPE 8 GRATE	US-20 RUN-AROUND	24+40	18.1 RT				989.59		1
S-147	END SECTIONS 12"	US-20 RUN-AROUND	25+88	104.1 RT		990.27				1
S-148	INLETS, TYPE A, TYPE 8 GRATE	US-20 RUN-AROUND	33+90	20.1 RT				986.07		1
S-149	END SECTIONS 15"	US-20 RUN-AROUND	27+34	20.0 LT	991.35					1
S-150	END SECTIONS 15"	US-20 RUN-AROUND	26+83	22.4 LT				990.82		1
S-151	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	US-20 RUN-AROUND	30+22	13.0 LT	993.45		990.20	990.20		1
S-152	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	US-20 RUN-AROUND	31+22	13.0 LT	992.24	988.77	988.77			1
S-153	END SECTIONS 12"	US-20 RUN-AROUND	32+00	30.7 LT	987.60					1

TEMPORARY DRAINAGE PIPE SCHEDULE										
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	STAGE	TBF (CY)	D.I.	U.I.
P-102	P-2	S-4	30	19x30	CLASS A, TYPE 1	0.50	PRE-STAGE	7.32	988.25	988.40
P-103	S-105	S-106	37	24	CLASS A, TYPE 1, STORM SEWER, (TEMPORARY)	0.51	PRE-STAGE	5.40	988.79	988.60
P-104	S-107	S-108	50	15	CLASS A, TYPE 1, CULVERT, (TEMPORARY)	1.16	PRE-STAGE	6.05	983.10	983.68
P-105	S-109	S-110	46	15	CLASS A, TYPE 1, STORM SEWER	0.54	PRE-STAGE	9.80	990.80	991.05
P-106	S-111	S-112	61	12	CLASS A, TYPE 1, STORM SEWER	1.86	PRE-STAGE	8.05	993.03	994.20
P-107	S-112	S-113	43	12	CLASS A, TYPE 1, STORM SEWER	1.56	PRE-STAGE	5.68	992.36	993.03
P-108	S-113	S-114	41	12	CLASS A, TYPE 1, STORM SEWER	1.59	PRE-STAGE	5.41	991.71	992.36
P-109	S-114	S-115	10	12	CLASS A, TYPE 1, STORM SEWER	1.10	PRE-STAGE	1.32	991.60	991.71
P-110	S-116	S-117	38	12	CLASS A, TYPE 1, STORM SEWER	0.50	PRE-STAGE	5.02	1001.00	1001.19
P-111	S-118	S-119	56	12	CLASS A, TYPE 1, STORM SEWER	0.50	PRE-STAGE	7.39	1000.22	1000.50
P-112	S-120	S-121	45.8	12	CLASS A, TYPE 1, STORM SEWER	2.84	PRE-STAGE	8.89	996.58	997.88
P-113	S-122	S-123	44.8	12	CLASS A, TYPE 1, STORM SEWER	1.83	PRE-STAGE	5.91	994.00	994.82
P-114	S-124	S-125	41.5	12	CLASS A, TYPE 1, STORM SEWER	3.57	PRE-STAGE	5.48	991.87	993.25
P-115	S-126	S-127	47.1	12	CLASS A, TYPE 1, STORM SEWER	5.27	PRE-STAGE	6.22	989.75	992.23
P-116	S-128	S-129	49.7	12	CLASS A, TYPE 1, STORM SEWER	2.93	PRE-STAGE	9.64	988.31	989.79
P-117	S-130	S-131	49.7	12	CLASS A, TYPE 1, STORM SEWER	2.94	PRE-STAGE	9.64	988.33	989.79
P-118	S-132	S-133	38.8	12	CLASS A, TYPE 1, STORM SEWER	0.31	PRE-STAGE	5.12	991.44	991.56
P-119	S-134	S-135	31.5	12	CLASS A, TYPE 1, STORM SEWER	8.95	PRE-STAGE	9.42	990.93	993.75

FILE NAME = s:\j\16390-6399\6346\06A\microes\CADD\_Sheets\16390-6399-drain-sched.dgn



USER NAME = dennisw  
 MODEL NAME = Default  
 PLOT SCALE = 100.0000' / 1".  
 PLOT DATE = 7/1/2014

DESIGNED - JLB  
 DRAWN - BJF DJW  
 CHECKED - MAG  
 DATE - 6/17/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: SHEET OF SHEETS STA. TO STA.

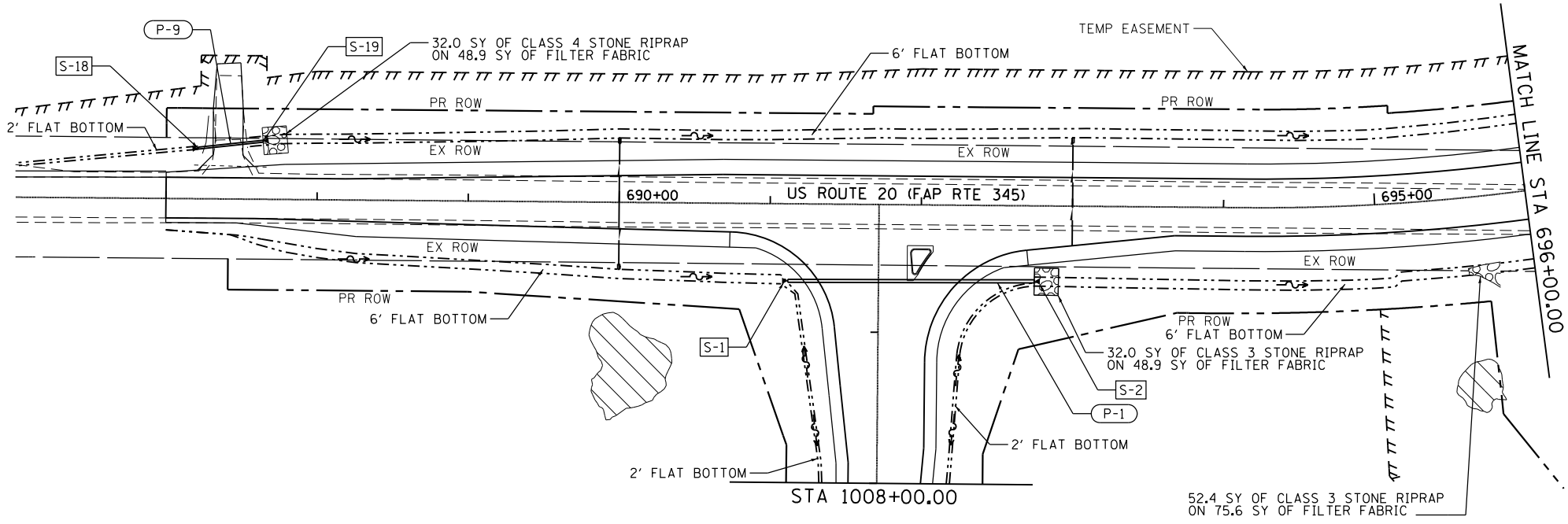
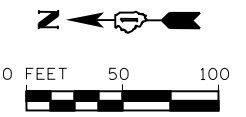
F.A.P. RTE. 345 SECTION 10N-1 COUNTY KANE TOTAL SHEETS 187 SHEET NO. 83 CONTRACT NO. 60T27 ILLINOIS FED. AID PROJECT

TEMPORARY DRAINAGE PIPE SCHEDULE CONTINUED												
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	STAGE	TBF (CY)	D.I.	U.I.		
P-120	S-135	S-151	46.7	12	CLASS A, TYPE 1, STORM SEWER	1.47	PRE-STAGE	11.02	990.25	990.93		
P-121	S-136	S-137	41.0	12	CLASS A, TYPE 1, STORM SEWER	0.85	PRE-STAGE	7.95	989.08	989.43		
P-122	S-138	S-136	6.9	12	CLASS A, TYPE 1, STORM SEWER	1.01	PRE-STAGE	0.91	989.43	989.50		
P-123	S-139	S-147	131.7	12	CLASS A, TYPE 1, STORM SEWER	0.30	PRE-STAGE/1	20.02	990.27	990.67		
P-124	S-140	S-141	51.4	12	CLASS A, TYPE 1, CULVERT, (TEMPORARY)	4.18	PRE-STAGE	8.89	984.05	986.20		
P-125	S-149	S-150	51.1	15	CLASS A, TYPE 1, CULVERT, (TEMPORARY)	1.04	PRE-STAGE	6.18	990.82	991.35		
P-126	S-151	S-152	100	12	CLASS A, TYPE 1, STORM SEWER	1.45	PRE-STAGE	15.2	988.77	990.20		
P-127	S-152	S-137	44.1	12	CLASS A, TYPE 1, STORM SEWER	1.45	PRE-STAGE	7.63	988.13	988.77		
P-128	S-137	S-153	35.9	12	CLASS A, TYPE 1, STORM SEWER	1.48	PRE-STAGE	4.74	987.60	988.13		

PROPOSED DRAINAGE STRUCTURE SCHEDULE										
STR. NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RIM ELEV.	INV. N	INV. S	INV. W	INV. E	STAGE
S-1	END SECTIONS, EQUIVALENT ROUND-SIZE 24"	US-20	691+12	51 RT			993.38			1
S-2	END SECTIONS, EQUIVALENT ROUND-SIZE 24"	US-20	692+75	50 RT			992.75			1
S-3	MH TYPE A, 6' DIA. W/2 TIFOL, RESTRICTOR PLATE	US-20	697+15	47.7 RT	992.54			990.00	988.57	2
S-4	END SECTIONS, EQUIVALENT ROUND-SIZE 24"	US-20 RUN-AROUND	24+32	25 LT				988.25		PRE-STAGE
S-5	END SECTIONS, EQUIVALENT ROUND-SIZE 30"	ALLEN ROAD	999+90	38 LT				989.25		1
S-6	END SECTIONS, EQUIVALENT ROUND-SIZE 30"	ALLEN ROAD	999+95	45 RT					988.80	2
S-7	END SECTIONS, EQUIVALENT ROUND-SIZE 18"	ALLEN ROAD	1004+00	40.5 LT			990.41			1
S-8	END SECTIONS, EQUIVALENT ROUND-SIZE 18"	ALLEN ROAD	1004+00	49.9 RT		990.00				1
S-9	END SECTIONS 15"	ALLEN ROAD	1005+62	81 RT			992.50			1
S-10	END SECTIONS 15"	ALLEN ROAD	1004+67	82.7 RT					990.00	1
S-11	END SECTIONS 15"	US-20	703+03	41 RT			990.86			1
S-12	END SECTIONS 15"	US-20	703+44	41 RT		990.26				1
S-13	END SECTIONS 15"	US-20	704+77	43 RT			987.40			1
S-14	END SECTIONS 15"	US-20	705+18	42 RT		986.95				1
S-15	MH TYPE A, 6' DIA. W/2 TIFCL, RESTRICTOR PLATE	ALLEN ROAD	1002+50	45.8 RT	992.60			990.00	990.00	2
S-16	END SECTIONS 15"	US-20	707+20	41.5 LT			982.11			2
S-17	END SECTIONS 15"	US-20	708+25	38.6 LT		981.94				2
S-18	END SECTIONS 15"	US-20	687+21	34.5 LT			1000.70			2
S-19	END SECTIONS 15"	US-20	687+64	38.6 LT		999.75				2
S-20	END SECTIONS 15"	US-20	700+23	38.8 LT		990.89				2
S-21	END SECTIONS 15"	US-20	699+77	40 LT			990.51			2
S-22	END SECTIONS 15"	BRIER HILL ROAD</								

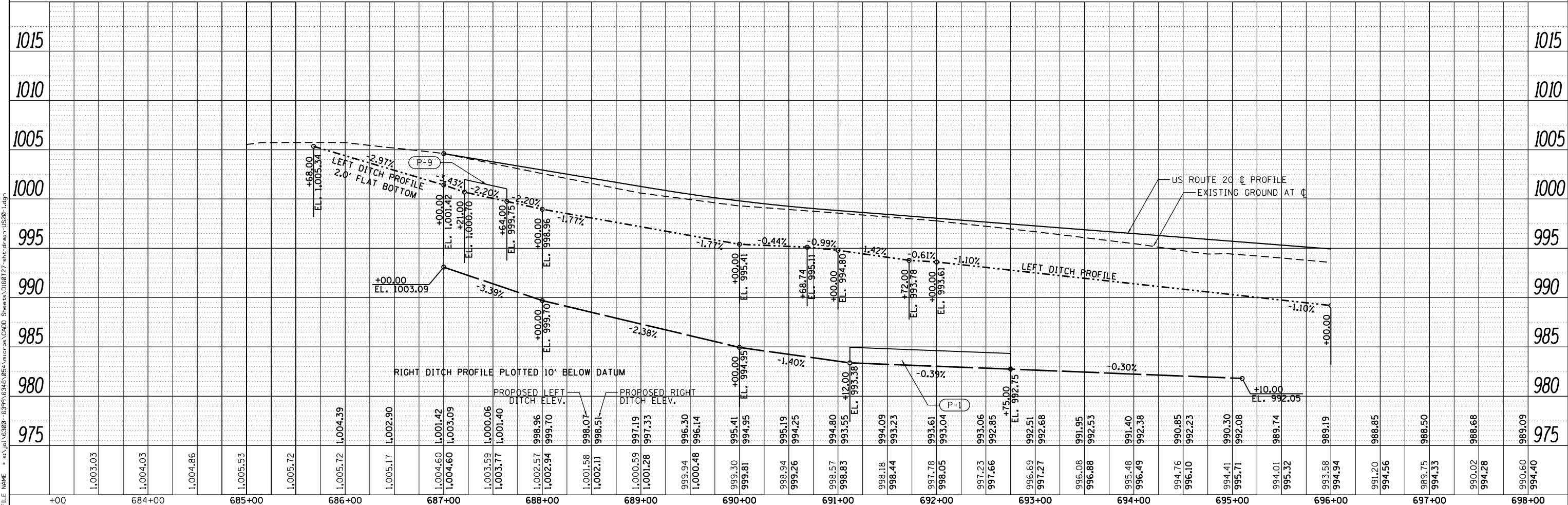
**LEGEND**

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
DITCH & SWALE BOTTOM	---	---
ROADWAY DITCH FLOW	~>	~>
PIPE CULVERT	---	---
PIPE UNDERDRAINS	---	---
STONE RIPRAP		▨
END SECTION	◁	◁
CONCRETE HEADWALL FOR PIPE DRAINS		▬
STRUCTURES		S-XXX
PIPES		P-XXX
WETLAND	▨	



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	STRUCTURE	NOT AT THIS OFFICE

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	NOT AT THIS OFFICE

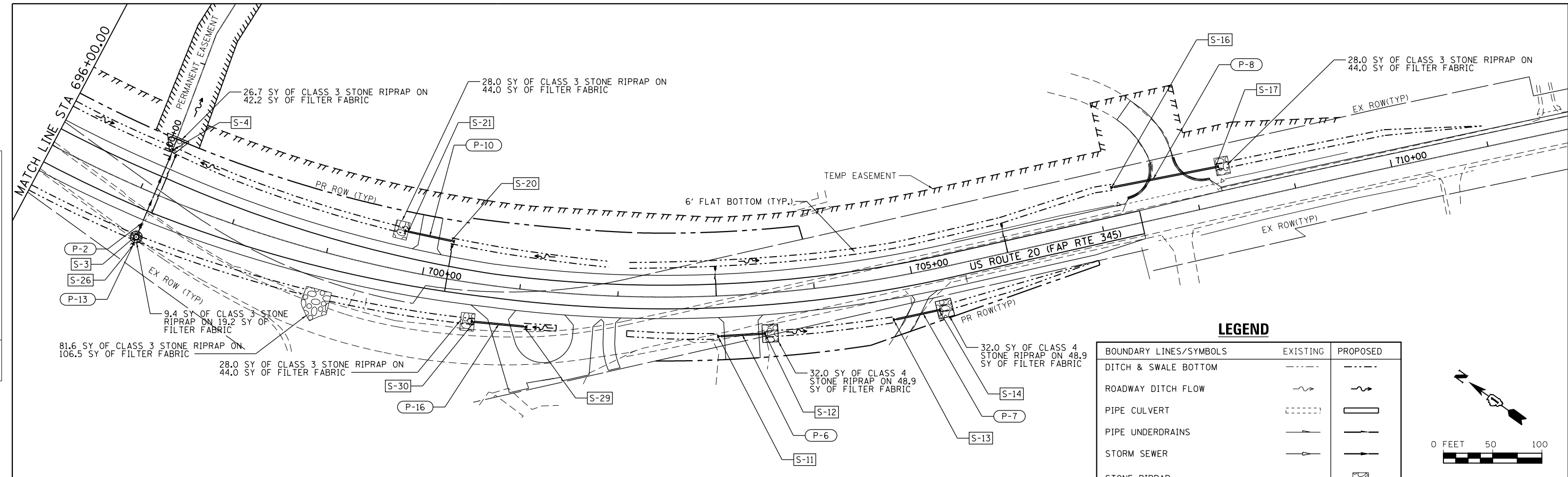


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	MODEL NAME = Default	DRAWN - BJF DJW	REVISED -		SCALE: 50-H 5-V	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 60T27
	PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -									



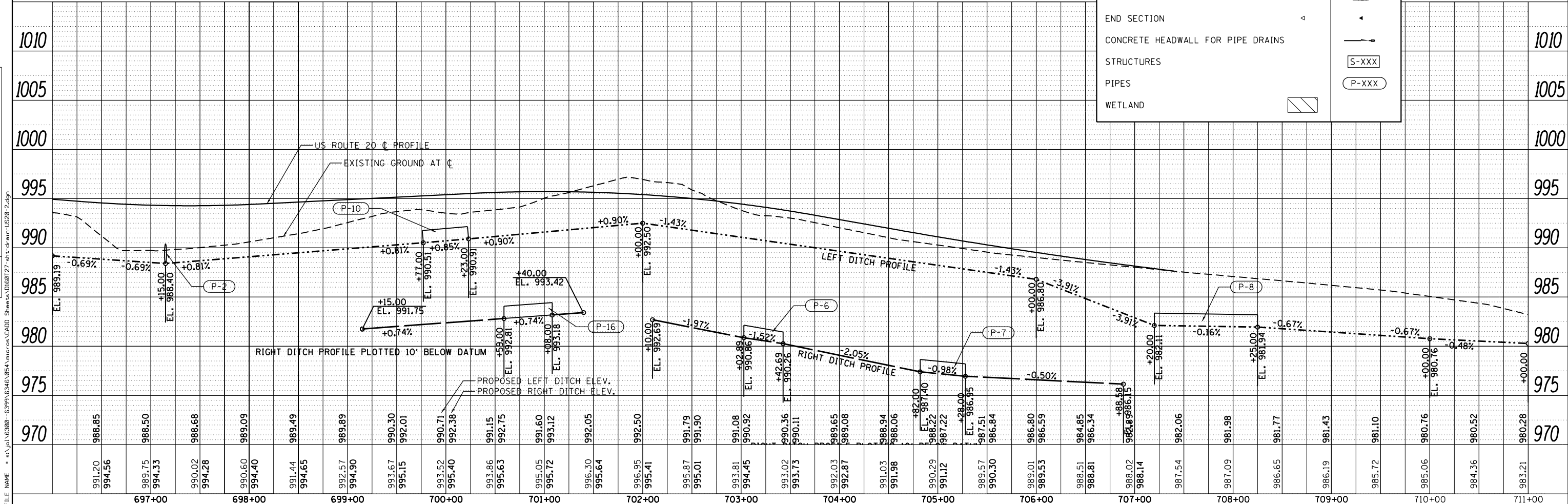
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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	BY _____	

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



**LEGEND**

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
DITCH & SWALE BOTTOM	---	---
ROADWAY DITCH FLOW	~	~
PIPE CULVERT	---	---
PIPE UNDERDRAINS	---	---
STORM SEWER	---	---
STONE RIPRAP		▨
END SECTION	△	△
CONCRETE HEADWALL FOR PIPE DRAINS	---	---
STRUCTURES		S-XXX
PIPES		P-XXX
WETLAND	▨	▨



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
STRAND ASSOCIATES® (815) 744-4200

USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

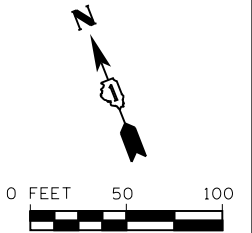
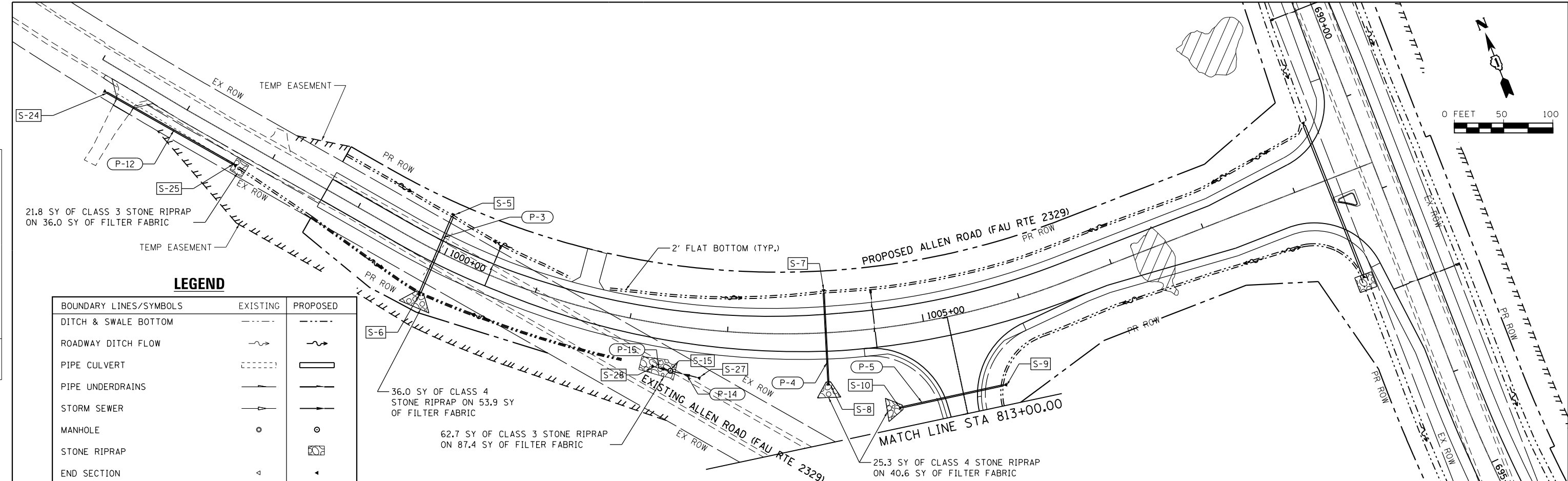
**DRAINAGE PLAN AND PROFILE - US ROUTE 20**  
SCALE: 50-H 5-V SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 85
CONTRACT NO. 60T27				ILLINOIS FED. AID PROJECT



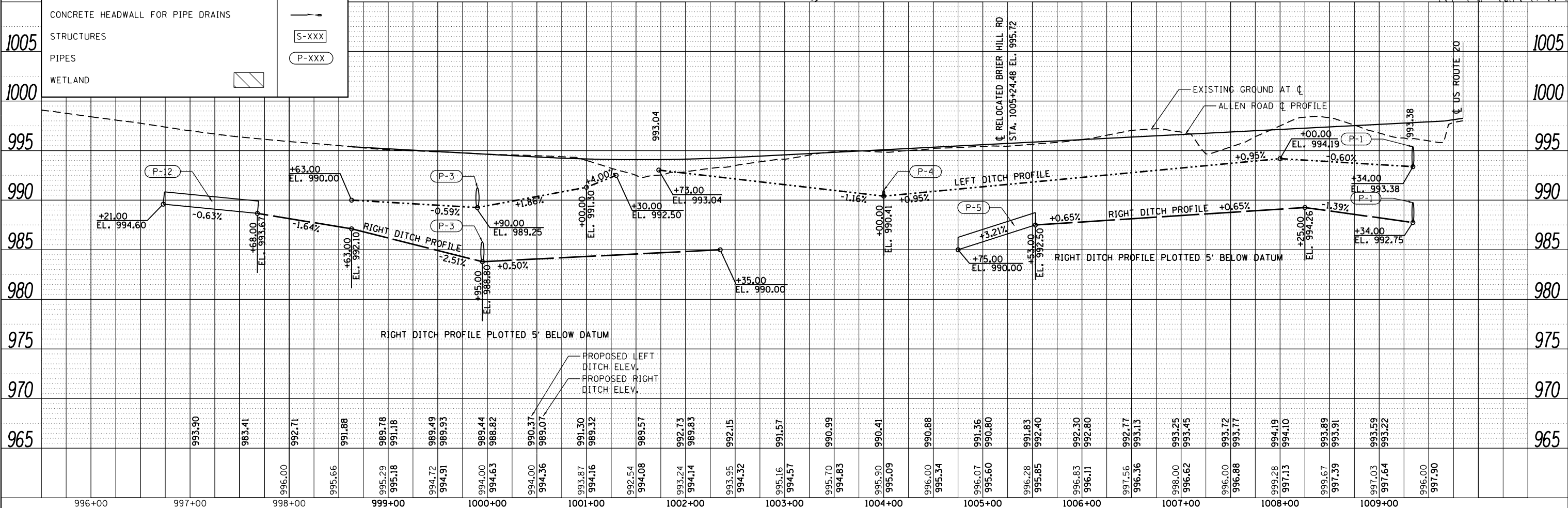
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BY	
PLAN	
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NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	
NO.	



**LEGEND**

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
DITCH & SWALE BOTTOM	---	---
ROADWAY DITCH FLOW	~>	~>
PIPE CULVERT	---	---
PIPE UNDERDRAINS	---	---
STORM SEWER	---	---
MANHOLE	○	○
STONE RIPRAP	▨	▨
END SECTION	△	△
CONCRETE HEADWALL FOR PIPE DRAINS	---	---
STRUCTURES		S-XXX
PIPES		P-XXX
WETLAND	▨	



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**STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennisw  
 MODEL NAME = Default  
 PLOT SCALE = 100.0000' / 1" =  
 PLOT DATE = 7/1/2014

DESIGNED - JLB  
 DRAWN - BJF DJW  
 CHECKED - MAG  
 DATE - 6/17/14

REVISED -  
 REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

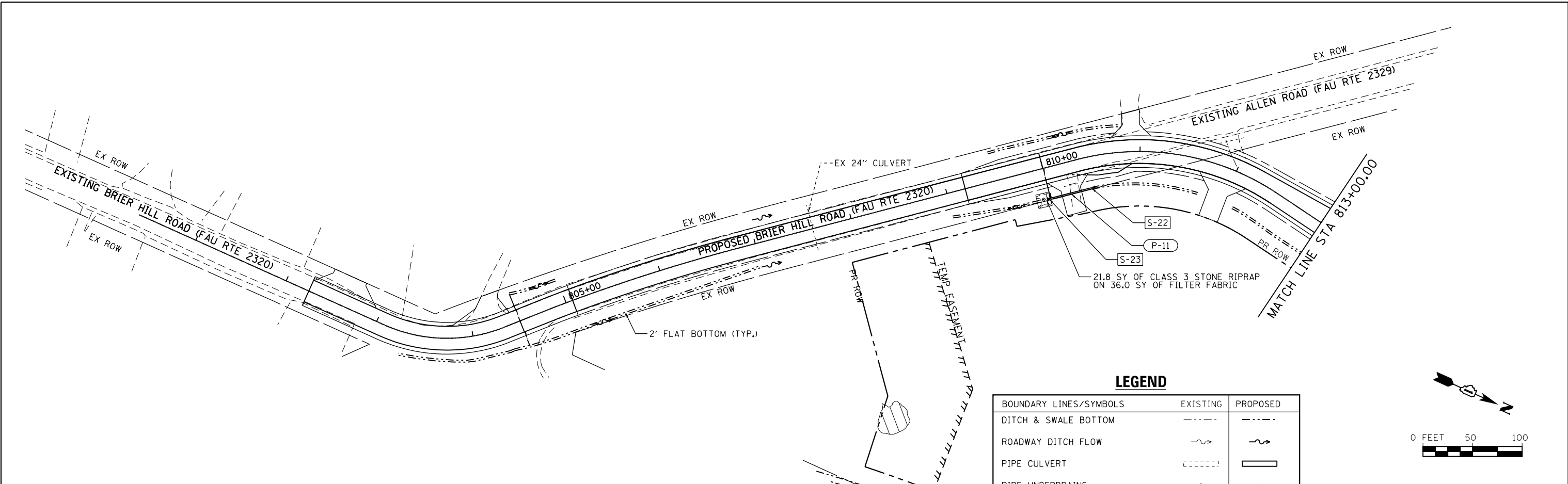
**DRAINAGE PLAN AND PROFILE - ALLEN ROAD**  
 SCALE: 50'-H 5'-V SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 86
CONTRACT NO. 60T27			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
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	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	

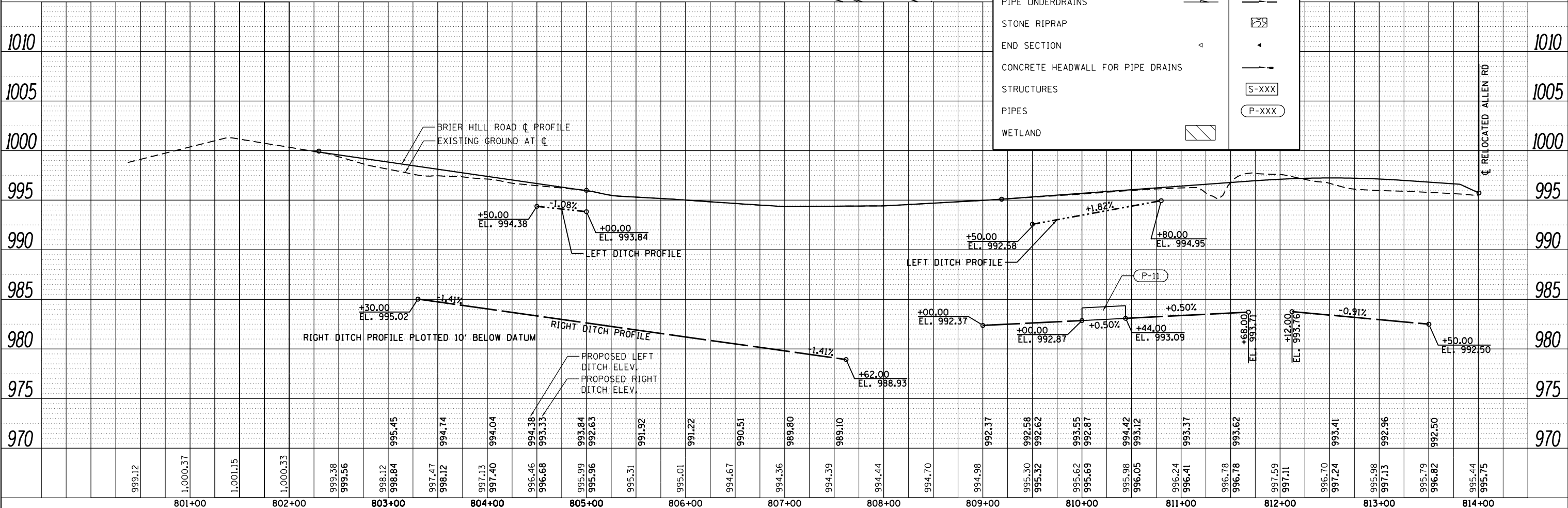
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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	

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**LEGEND**

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
DITCH & SWALE BOTTOM	---	- - - -
ROADWAY DITCH FLOW	~>	~>
PIPE CULVERT	---	---
PIPE UNDERDRAINS	---	---
STONE RIPRAP		▨
END SECTION	◁	◁
CONCRETE HEADWALL FOR PIPE DRAINS	---	---
STRUCTURES		S-XXX
PIPES		P-XXX
WETLAND		▨



801+00	802+00	803+00	804+00	805+00	806+00	807+00	808+00	809+00	810+00	811+00	812+00	813+00	814+00											
999.12	1,000.37	1,001.15	1,000.33	999.38 999.56	998.12 998.84	997.47 998.12	997.13 997.40	996.46 996.68	995.99 995.96	995.31	995.01	994.67 994.36	994.39 994.44	994.70	994.98 995.30 995.32	995.62 995.69	995.98 996.05	996.24 996.41	996.78 996.78	997.59 997.11	996.70 997.24	995.98 997.13	995.79 996.82	995.44 995.75

**STRAND ASSOCIATES**  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

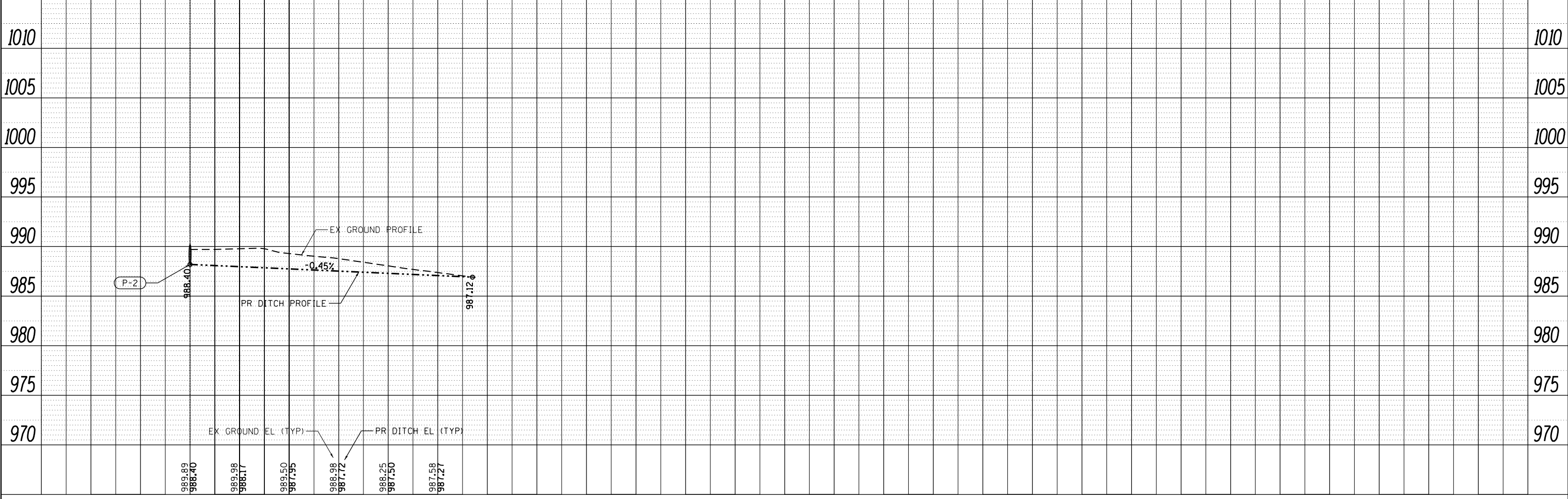
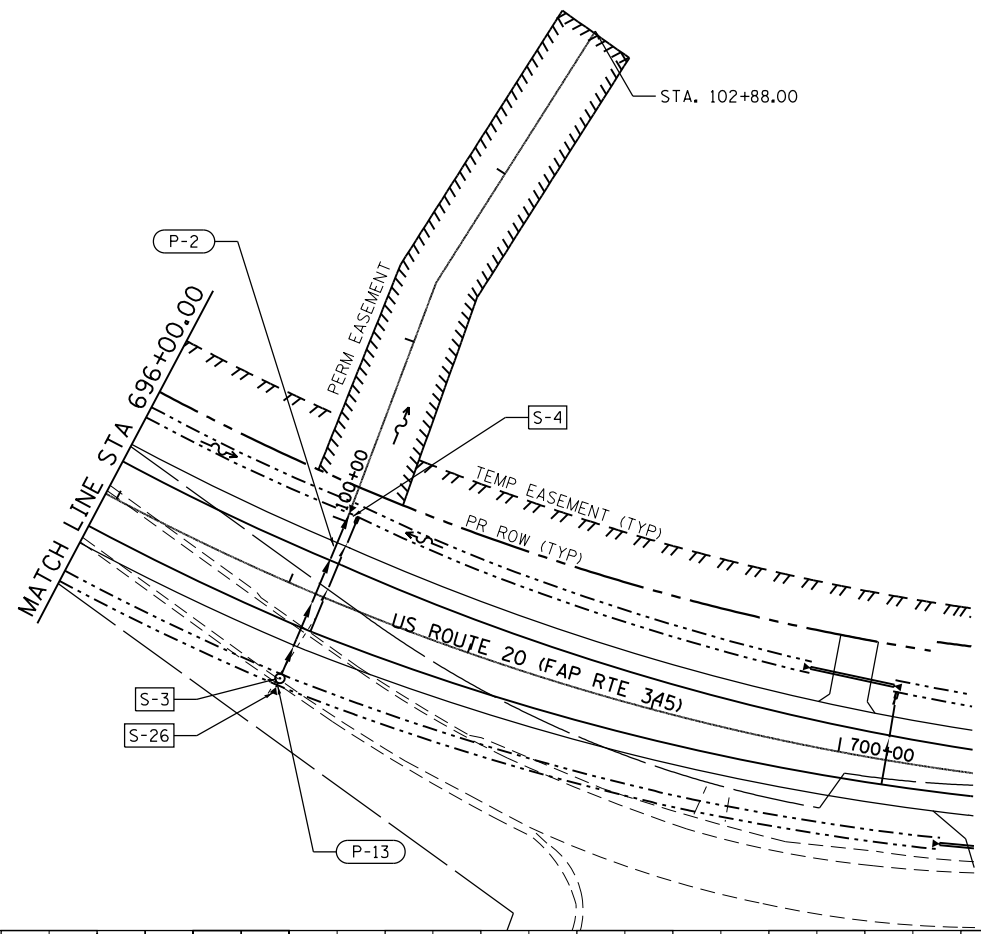
**DRAINAGE PLAN AND PROFILE - BRIER HILL ROAD**  
SCALE: 50-H 5-V SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 87
CONTRACT NO. 60T27			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
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	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
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	FILE NAME		

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**SA**  
STRAND ASSOCIATES\*  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw	DESIGNED - JLB	REVISED -
MODEL NAME = Default	DRAWN - BJF DJW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MAG	REVISED -
PLOT DATE = 7/1/2014	DATE - 6/17/14	REVISED -

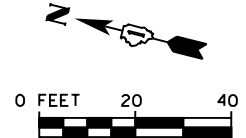
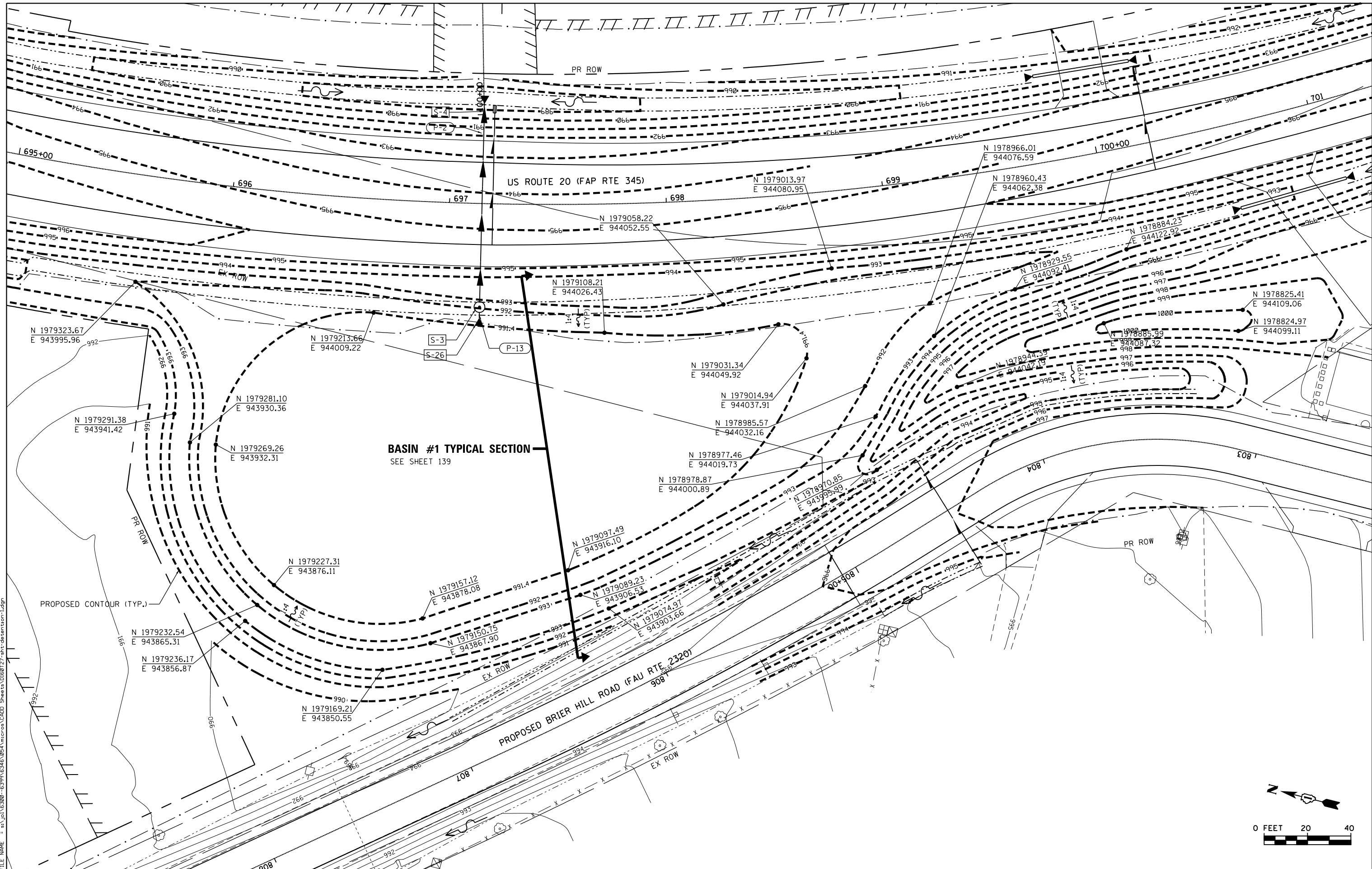
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE - OUTFLOW DITCH**  
SCALE: 50-H 5-V SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 10N-1	COUNTY KANE	TOTAL SHEETS 187	SHEET NO. 88
CONTRACT NO. 60T27				ILLINOIS FED. AID PROJECT



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**SA STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JULIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennisw  
 MODEL NAME = Default  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 7/1/2014

DESIGNED - JLB  
 DRAWN - BJF DJW  
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 DATE - 6/17/14

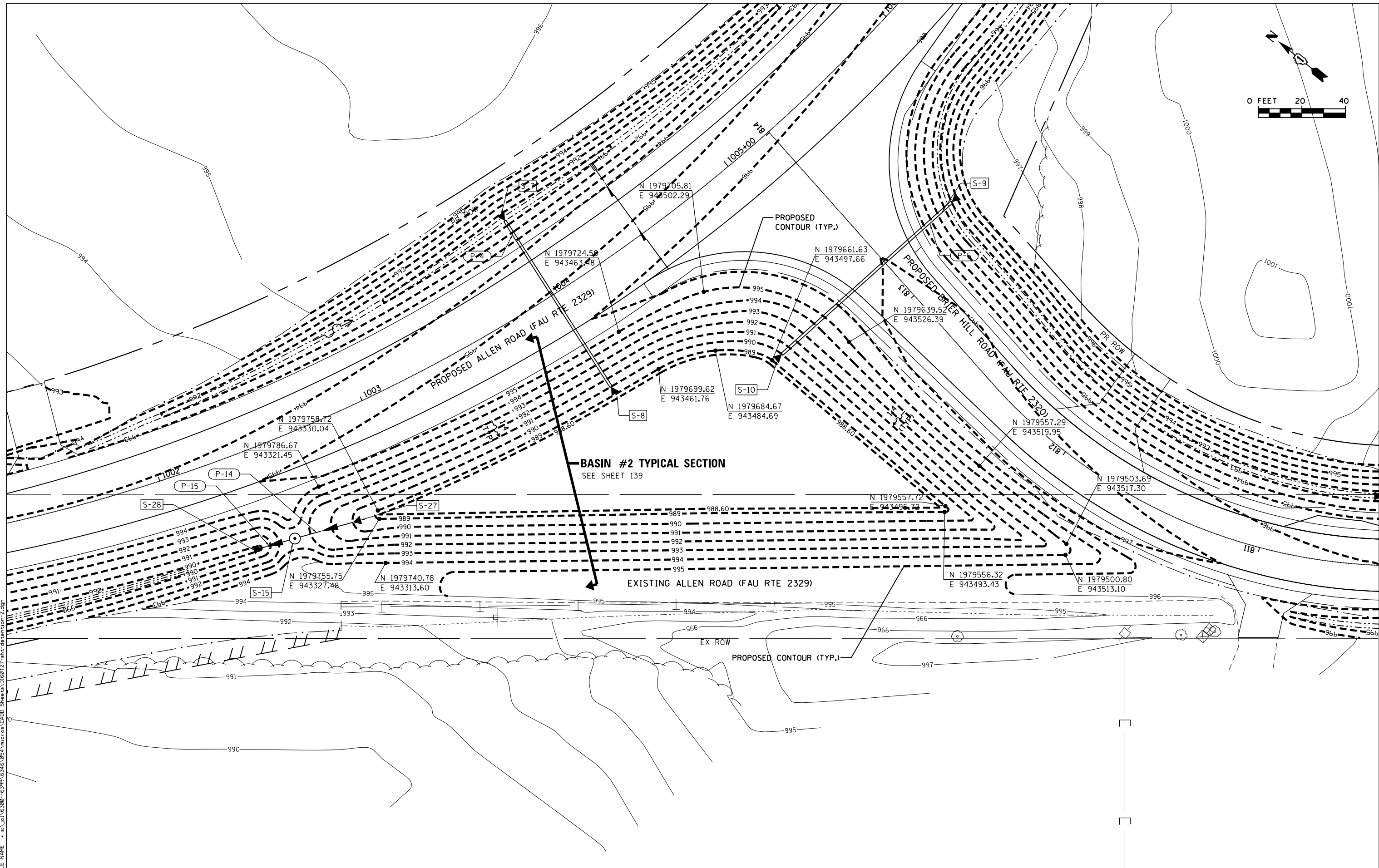
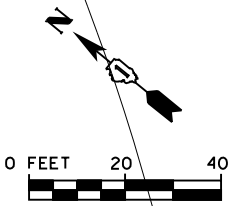
REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BASIN #1 - GRADING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	89
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



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**SA**  
STRAND  
ASSOCIATES

1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennissw  
MODEL NAME = Default  
PLOT SCALE = 48.0000' / in.  
PLOT DATE = 7/1/2014

DESIGNED - JLB  
DRAWN - BJF DJW  
CHECKED - MAG  
DATE - 6/17/14

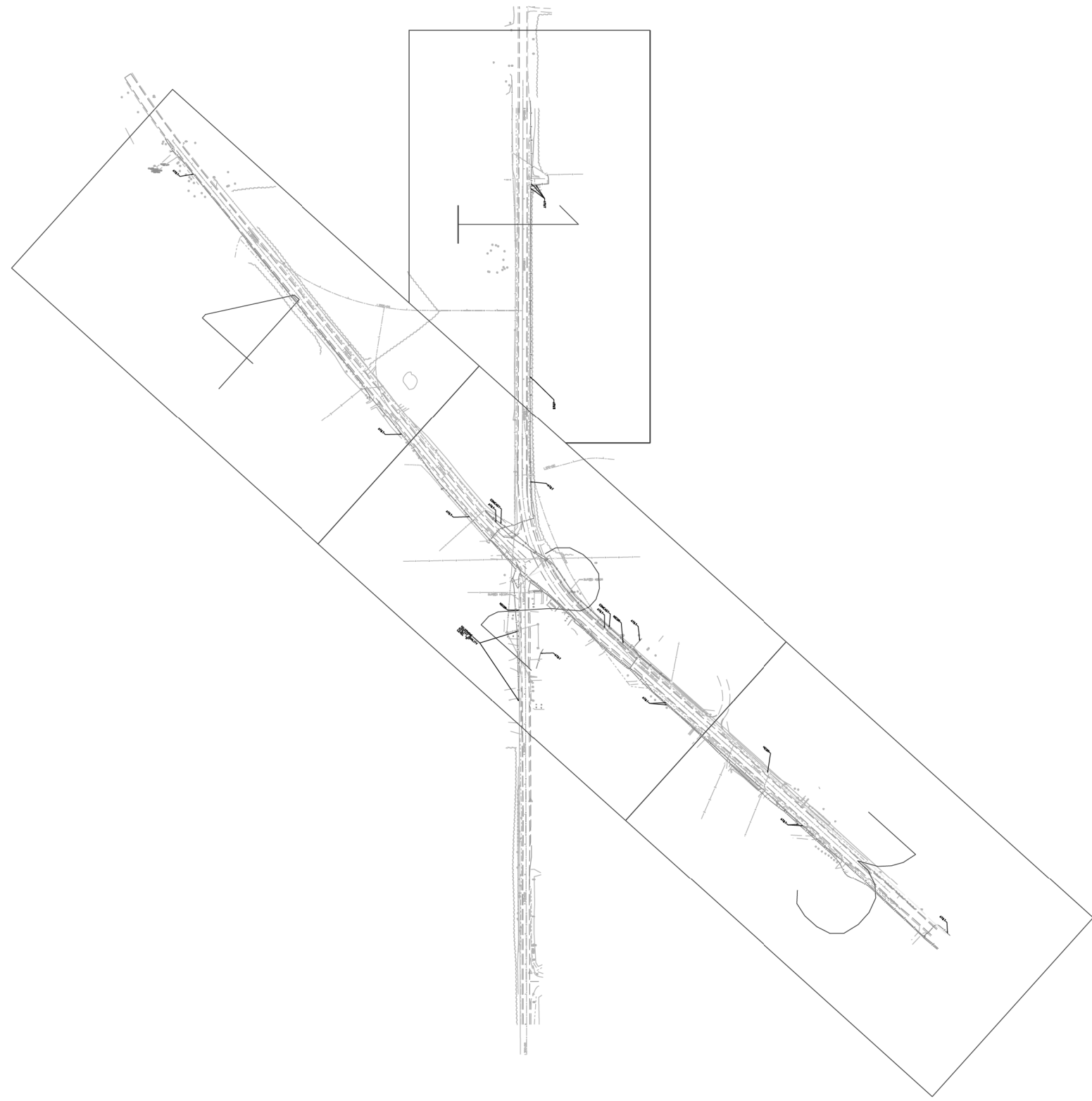
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BASIN #2 - GRADING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10N-1	KANE	187	90
CONTRACT NO. 60T27				
ILLINOIS FED. AID PROJECT				



— A — A — A —	AERIAL
— CTV — CTV — CTV —	UNKNOWN
— T — T — T —	CABLE TV
— C — C — C —	TELEPHONE
— E — E — E —	GAS
— W — W — W —	ELECTRIC
— FO — FO — FO —	TRAFFIC SIGNAL/LIGHTING
	WATER
	FIBER OPTIC
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = FIBER OPTIC	
AT&T = TELEPHONE	
COMCAST = FIBER OPTIC	
NICOR = GAS	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 7/15/13 through 8/2/13. Changes to utilities after 8/2/13 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B"  
UNLESS NOTED OTHERWISE.



TBE Job No. IL09510539  
SUE Plan Pages Cover

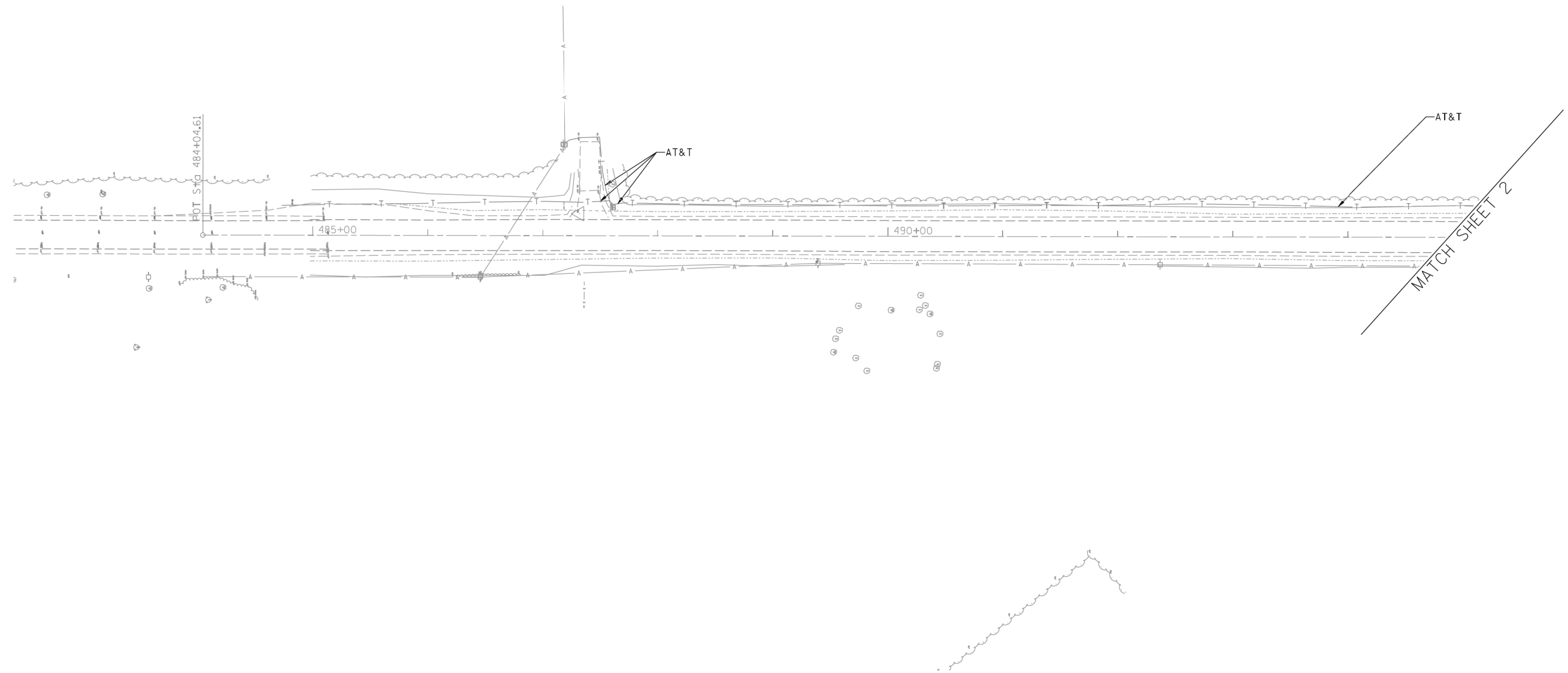
Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED MS	REVISED
DRAWN SRK	REVISED
CHECKED KFS	REVISED
DATE 8/12/13	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US 20 at Brier Hill Road/Allen Road  
Hampshire, Illinois**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10-N-1	Kane	187	91
Contract No. 60T27				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				

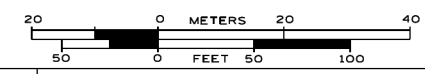


— A — A —	AERIAL
— U — U —	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— TS — TS —	TRAFFIC SIGNAL/LIGHTING
— W — W —	WATER
— FO — FO —	FIBER OPTIC
⊕	TBE TEST HOLE

UTILITY OWNERS  
 AT&T = FIBER OPTIC  
 AT&T = TELEPHONE  
 COMCAST = FIBER OPTIC  
 NICOR = GAS

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ALL UTILITIES SHOWN QUALITY LEVEL "B"  
 UNLESS NOTED OTHERWISE.



TBE Job No. IL09510539  
 SUE Plan Page 1 of 4

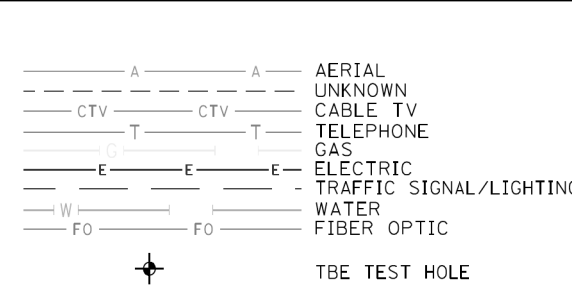
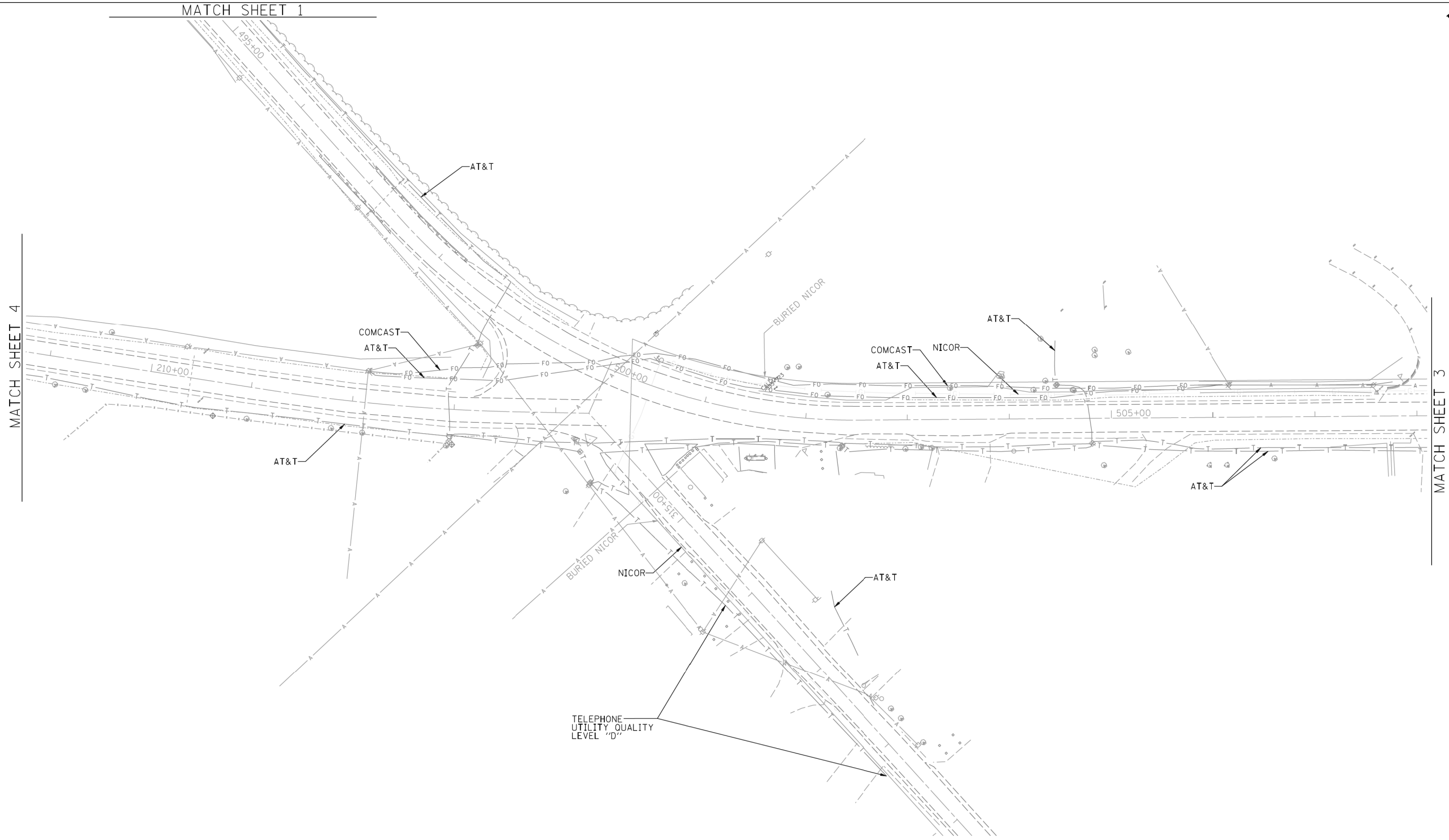
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 Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

DESIGNED	MS	REVISED
DRAWN	SRK	REVISED
CHECKED	KFS	REVISED
DATE	8/12/13	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

US 20 at Brier Hill Road/Allen Road  
 Hampshire, Illinois

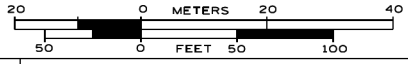
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10-N-1	Kane	187	92
Contract No. 60T27				
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No.				



**UTILITY OWNERS**  
 AT&T = FIBER OPTIC  
 AT&T = TELEPHONE  
 COMCAST = FIBER OPTIC  
 NICOR = GAS

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 7/15/13 through 8/2/13. Changes to utilities after 8/2/13 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B"  
 UNLESS NOTED OTHERWISE.



TBE Job No. IL09510539  
 SUE Plan Page 2 of 4

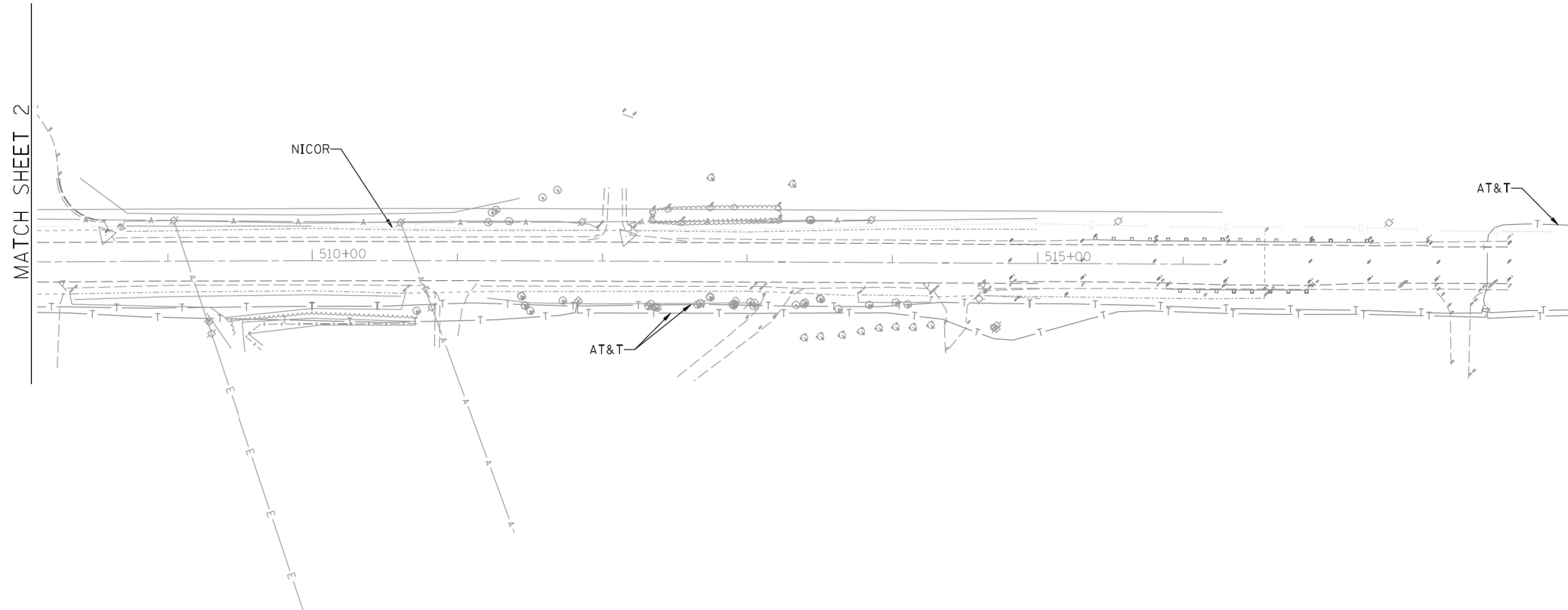
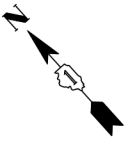
Utility Quality Level "A" : Visually Verified Test Hole  
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

DESIGNED MS	REVISED
DRAWN SRK	REVISED
CHECKED KFS	REVISED
DATE 8/12/13	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 20 at Brier Hill Road/Allen Road  
 Hampshire, Illinois**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10-N-1	Kane	187	93
Contract No. 60T27				
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No.				

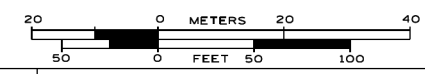


— A — A —	AERIAL
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E — E —	ELECTRIC
— W — W —	TRAFFIC SIGNAL/LIGHTING
— FO — FO —	WATER
	FIBER OPTIC
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = FIBER OPTIC	
AT&T = TELEPHONE	
COMCAST = FIBER OPTIC	
NICOR = GAS	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 7/15/13 through 8/2/13. Changes to utilities after 8/2/13 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B"  
UNLESS NOTED OTHERWISE.



TBE Job No. IL09510539  
SUE Plan Page: 3 of 4

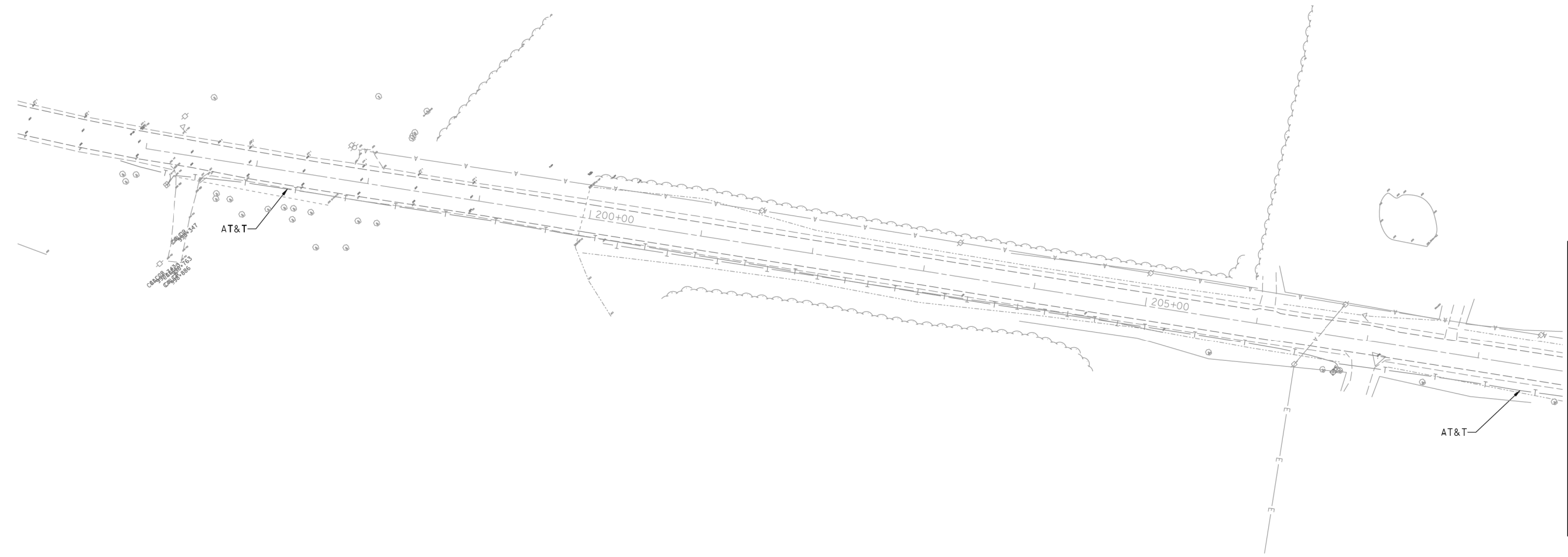
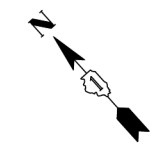
Utility Quality Level "A" : Visually Verified Test Hole  
Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
Utility Quality Level "C" : Research with Survey  
Utility Quality Level "D" : Records Research

DESIGNED MS	REVISED
DRAWN SRK	REVISED
CHECKED KFS	REVISED
DATE 8/12/13	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

US 20 at Brier Hill Road/Allen Road  
Hampshire, Illinois

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10-N-1	Kane	187	94
Contract No. 60T27				
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No.				



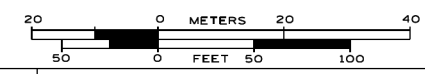
MATCH SHEET 2

----- A ----- A -----	AERIAL
----- UNKNOWN -----	UNKNOWN
----- CTV ----- CTV -----	CABLE TV
----- T ----- T -----	TELEPHONE
----- G ----- G -----	GAS
----- E ----- E ----- E -----	ELECTRIC
----- TRAFFIC SIGNAL/LIGHTING -----	TRAFFIC SIGNAL/LIGHTING
----- W ----- W -----	WATER
----- FO ----- FO -----	FIBER OPTIC
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = FIBER OPTIC	
AT&T = TELEPHONE	
COMCAST = FIBER OPTIC	
NICOR = GAS	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 7/15/13 through 8/2/13. Changes to utilities after 8/2/13 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510539  
SUE Plan Page: 4 of 4

Utility Quality Level "A" : Visually Verified Test Hole  
Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
Utility Quality Level "C" : Research with Survey  
Utility Quality Level "D" : Records Research

DESIGNED MS	REVISED
DRAWN SRK	REVISED
CHECKED KFS	REVISED
DATE 8/12/13	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

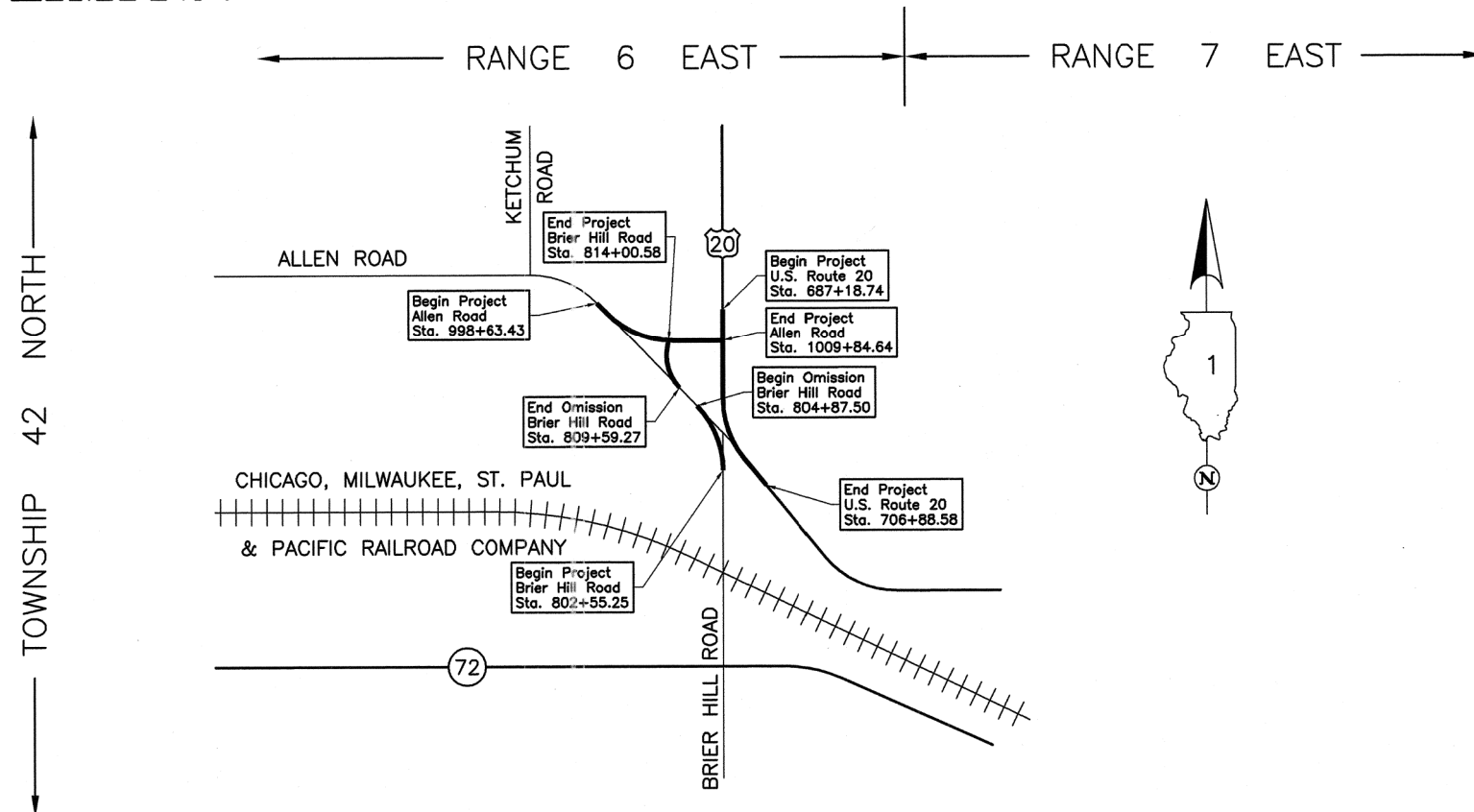
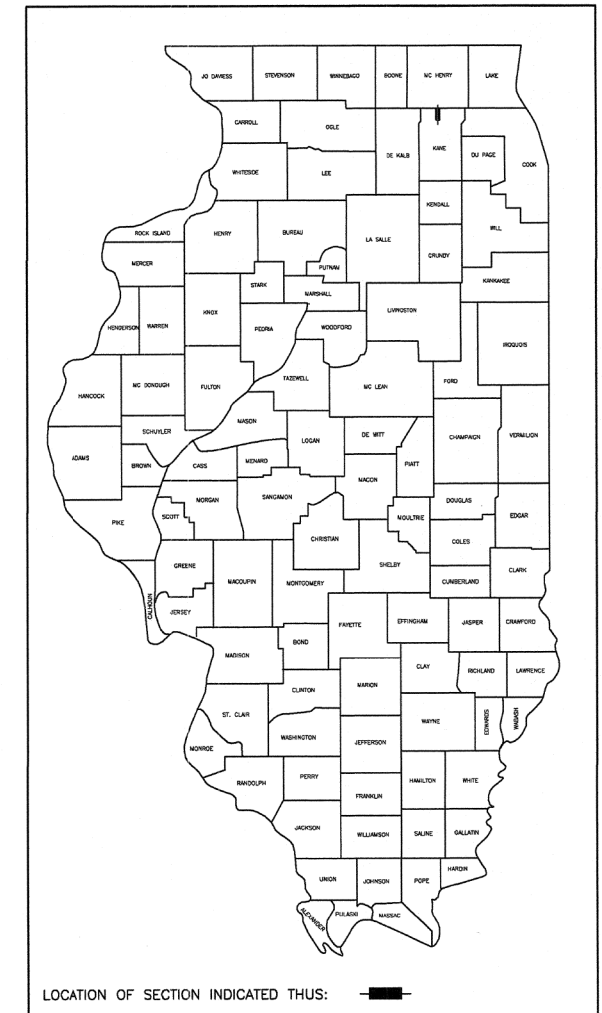
**US 20 at Brier Hill Road/Allen Road  
Hampshire, Illinois**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	10-N-1	Kane	187	95
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No. Contract No. 60T27				

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION RIGHT OF WAY PLANS FOR PROPOSED FEDERAL AID HIGHWAY

ROUTE: F.A.P. 345 (U.S. ROUTE 20)  
SECTION:  
PROJECT NO.:  
JOB NO.: R-91-009-12  
COUNTY: KANE  
LIMITS: @ ALLEN ROAD

* F.A.P. 345 (U.S. ROUTE 20)			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
*		KANE	15
F.A.H.W. REG.		ILLINOIS PROJECT	1
R-91-009-12			



TOWNSHIP 42 NORTH

← RANGE 6 EAST      RANGE 7 EAST →

PROJECT LENGTH = 1,969.84 LIN. FT. = 0.373 MILE, U.S. ROUTE 20  
 = 1,121.21 LIN. FT. = 0.212 MILE, ALLEN ROAD  
 = 673.56 LIN. FT. = 0.128 MILE, BRIER HILL ROAD  
 TOTAL LENGTH = 3,764.61 LIN. FT. = 0.713 MILE

**RECEIVED**  
AUG 06 2013  
PLATS & LEGALS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED \_\_\_\_\_ 20\_\_\_\_  
DISTRICT ENGINEER

EXAMINED \_\_\_\_\_ 20\_\_\_\_  
DISTRICT RIGHT OF WAY PLANS ENGINEER

PASSED \_\_\_\_\_ 20\_\_\_\_  
DISTRICT LAND ACQUISITION ENGINEER

REVIEWED \_\_\_\_\_ 20\_\_\_\_  
CENTRAL BUREAU RIGHT OF WAY PLANS ENGINEER

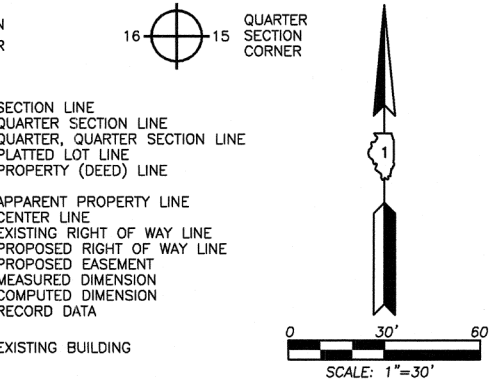
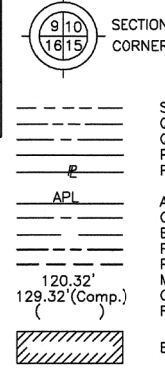
APPROVED \_\_\_\_\_ 20\_\_\_\_  
ENGINEER OF LAND ACQUISITION



PART OF THE SOUTH 1/2 OF SEC. 24, TWP. 42 N., R. 6 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

LEGEND

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1KCC001	Jane M. Tegtman	1.460	0.196	0.114	1.264	N/A	N/A	01-24-400-007 01-24-400-016	
1KCC002	Theodore Tegtman and Jane Tegtman, husband and wife, in Joint Tenancy	2.030	0.239	0.131	1.791	N/A	N/A	01-24-400-020 01-24-400-023 01-24-400-024	



Existing $\odot$ Pavement U.S. Route 20 Curve #1	Proposed $\odot$ Pavement U.S. Route 20 Curve #1	Proposed $\odot$ Pavement Brier Hill Road Curve #3
P.I. = Sta. 500+15.01	P.I. = Sta. 700+15.00	P.I. = Sta. 803+77.77
$\Delta$ = 48°32'35"	$\Delta$ = 48°32'27"	$\Delta$ = 45°06'28"
R = 598.32'	R = 1330.00'	R = 295.00'
T = 269.80'	T = 599.69'	T = 122.52'
L = 506.92'	L = 1126.77'	L = 232.25'
E = 58.02'	E = 128.95'	E = 24.43'
P.C. = Sta. 497+45.21	P.C. = Sta. 694+15.31	P.C. = Sta. 802+55.25
P.T. = Sta. 502+52.13	P.T. = Sta. 705+42.08	P.R.C. = Sta. 804+87.50

Existing $\odot$ Pavement U.S. Route 20 Curve #2
P.I. = Sta. 510+18.09
$\Delta$ = 0°45'27"
R = 3770.07'
T = 249.70'
L = 499.40'
E = 0.82'
P.C. = Sta. 507+68.39
P.T. = Sta. 512+67.79

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
704+62.43	62.20' Rt.	1,978,487.831	944,382.814
704+94.69	29.49' Rt.	1,978,487.925	944,429.544
705+24.87	0.96' Rt.	1,978,488.009	944,471.325
706+88.57	0.44' Rt.	1,978,379.523	944,593.925
706+88.64	28.19' Rt.	1,978,358.741	944,575.536
706+88.64	32.75' Rt.	1,978,355.330	944,572.502
707+40.22	0.30' Rt.	1,978,345.290	944,632.612
707+40.23	28.05' Rt.	1,978,324.554	944,614.171
707+40.23	50.30' Rt.	1,978,307.927	944,599.385
803+04.78	28.44' Rt.	1,978,805.952	944,070.139

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	12.90
	T2	10.51
	T3	15.45
2	T1	18.80
	T2	11.88
	T3	17.89
3	T1	22.02
	T2	16.44
	T3	21.06

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND      ● "MAG" NAIL SET  
 + CUT CROSS FOUND OR SET      ● 5/8" REBAR SET

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
 T2  
 T3

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
 BT2  
 BT3

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

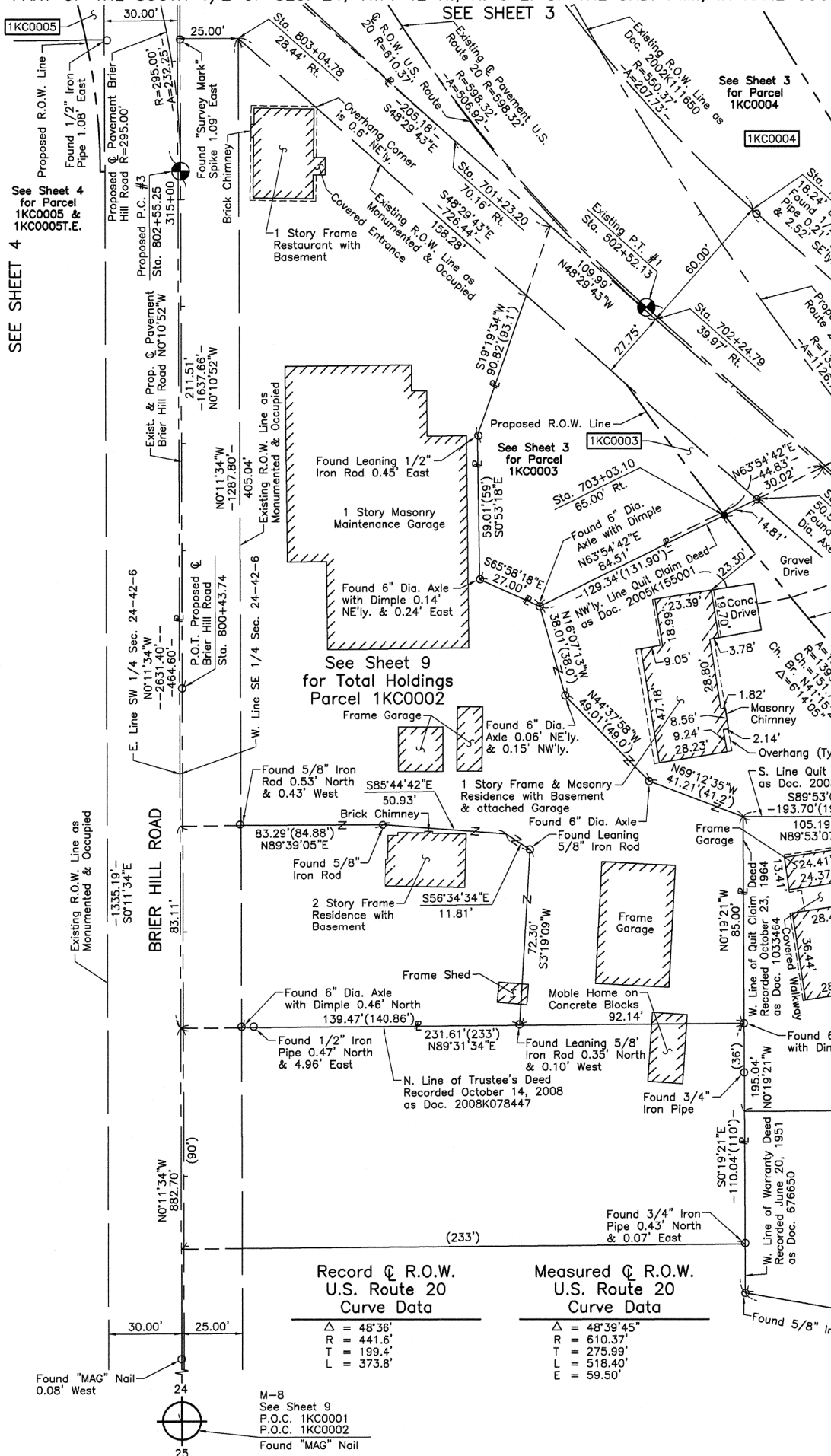
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
 COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 42N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_ 20\_\_ A.D.



EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
---	2002K111650	September 10, 2002

Record $\odot$ R.O.W. U.S. Route 20 Curve Data	Measured $\odot$ R.O.W. U.S. Route 20 Curve Data
$\Delta$ = 48°36'	$\Delta$ = 48°39'45"
R = 441.6'	R = 610.37'
T = 199.4'	T = 275.99'
L = 373.8'	L = 518.40'
	E = 59.50'

RECEIVED AUG 08 2013 PLATS & LEGALS

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
701+23.20	70.16' Rt.	1,978,764.014	944,159.410
702+10.36	18.24' Lt.	1,978,736.060	944,281.541
702+24.79	39.97' Rt.	1,978,691.126	944,241.780
703+03.10	65.00' Rt.	1,978,610.798	944,270.014
703+06.08	50.51' Rt.	1,978,617.314	944,283.321
703+12.32	21.19' Rt.	1,978,630.514	944,310.279
704+47.83	65.00' Rt.	1,978,496.736	944,370.066

JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE  
 LAKE VILLA, ILLINOIS 60046 (847) 356-3371

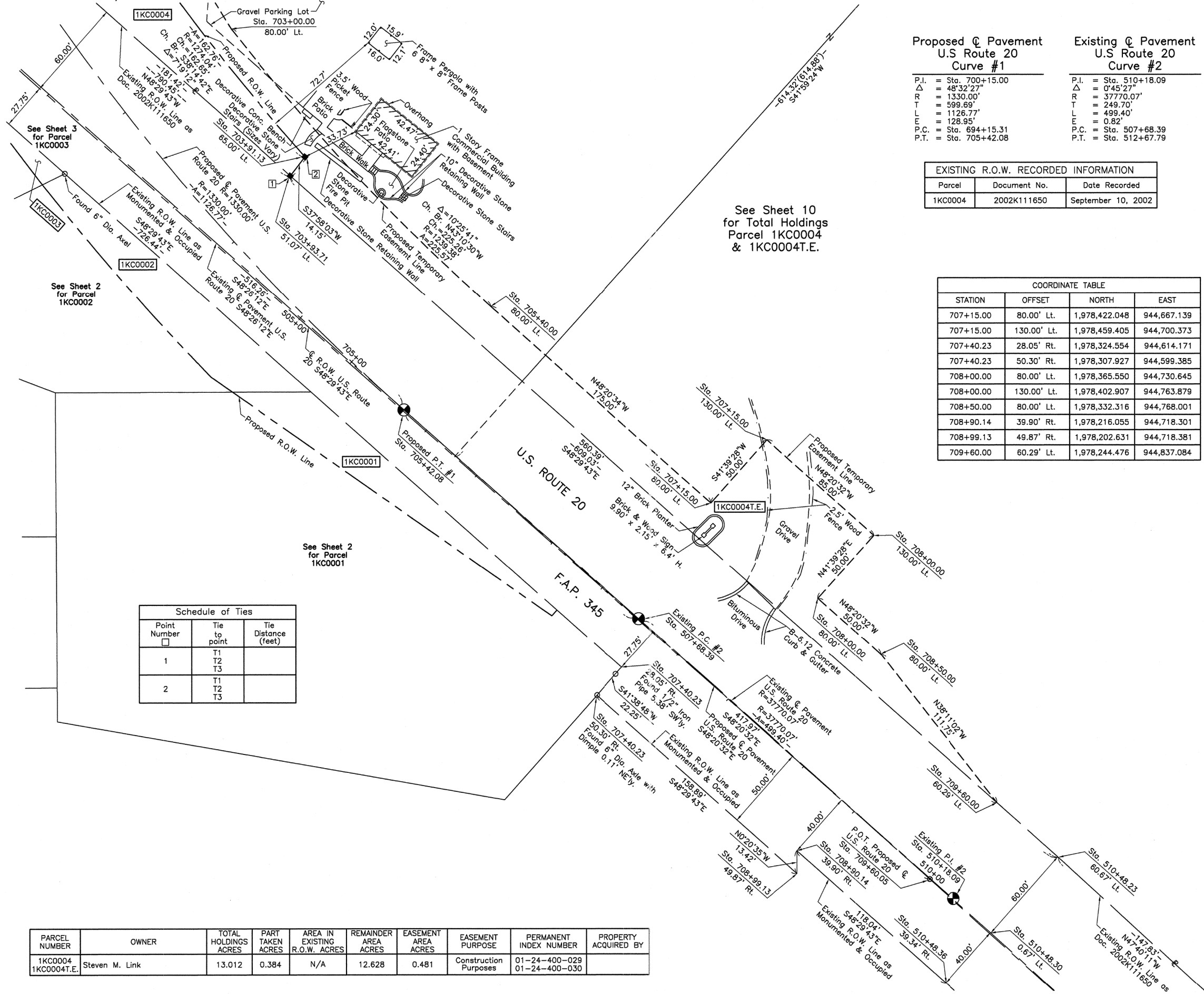
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 345 (U.S. ROUTE 20)

SECTION KANE COUNTY  
 PROJECT JOB NO. R-91-009-12  
 STATION 701+00 TO STATION 708+00  
 STATION 800+43.74 TO STATION 803+00  
 SCALE: 1"=30' SHEET 2 OF 15

**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196

PART OF THE SE 1/4 OF SEC. 24, TWP. 42 N., R. 6 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.



Proposed C Pavement U.S. Route 20 Curve #1		Existing C Pavement U.S. Route 20 Curve #2	
P.I.	= Sta. 700+15.00	P.I.	= Sta. 510+18.09
Δ	= 48°32'27"	Δ	= 0°45'27"
R	= 1330.00'	R	= 37770.07'
T	= 599.69'	T	= 249.70'
L	= 1126.77'	L	= 499.40'
E	= 128.95'	E	= 0.82'
P.C.	= Sta. 694+15.31	P.C.	= Sta. 507+68.39
P.T.	= Sta. 705+42.08	P.T.	= Sta. 512+67.79

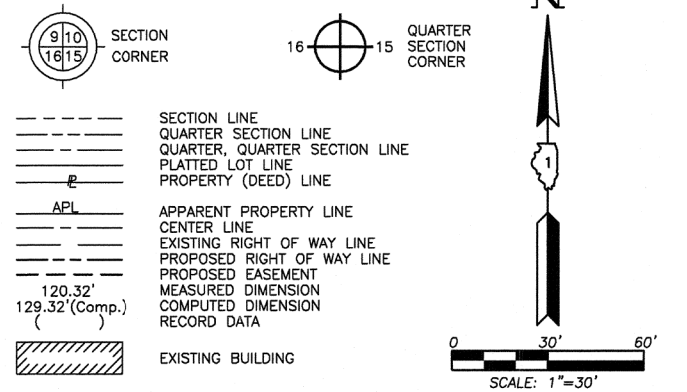
EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1KC0004	2002K111650	September 10, 2002

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
707+15.00	80.00' Lt.	1,978,422.048	944,667.139
707+15.00	130.00' Lt.	1,978,459.405	944,700.373
707+40.23	28.05' Rt.	1,978,324.554	944,614.171
707+40.23	50.30' Rt.	1,978,307.927	944,599.385
708+00.00	80.00' Lt.	1,978,365.550	944,730.645
708+00.00	130.00' Lt.	1,978,402.907	944,763.879
708+50.00	80.00' Lt.	1,978,332.316	944,768.001
708+90.14	39.90' Rt.	1,978,216.055	944,718.301
708+99.13	49.87' Rt.	1,978,202.631	944,718.381
709+60.00	60.29' Lt.	1,978,244.476	944,837.084

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1KC0004 1KC0004T.E.	Steven M. Link	13.012	0.384	N/A	12.628	0.481	Construction Purposes	01-24-400-029 01-24-400-030	

LEGEND



- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.
- IRON PIPE OR ROD FOUND
  - ⊕ "MAG" NAIL SET
  - + CUT CROSS FOUND OR SET
  - 5/8" REBAR SET
  - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
 COUNTY OF LAKE }  
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 42N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_ 20\_\_ A.D.

PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2014  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 Note: Surface Coordinates are Shown

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
510+48.23	60.67' Lt.	1,978,212.244	944,873.510
510+48.30	0.67' Lt.	1,978,167.596	944,833.425
510+48.36	39.34' Rt.	1,978,137.832	944,806.702
703+00.00	80.00' Lt.	1,978,702.641	944,382.260
703+91.13	65.00' Lt.	1,978,626.989	944,426.108
703+93.71	51.07' Lt.	1,978,615.838	944,417.405
705+40.00	80.00' Lt.	1,978,538.368	944,536.388

RECEIVED  
 AUG 06 2013  
 PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE  
 LAKE VILLA, ILLINOIS 60046  
 (847) 358-3371

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 345 (U.S. ROUTE 20)  
 SECTION KANE COUNTY  
 PROJECT JOB NO. R-91-009-12  
 STATION 503+00 TO STATION 511+00  
 STATION 702+00 TO STATION 709+60.05  
 SCALE: 1"=30' SHEET 2A OF 15

**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

REVISION DATE REVISION MADE BY

M-9  
See Sheet 5  
P.O.C. 1K00004  
P.O.C. 1K00004T.E.

SEE SHEET 4

SEE SHEET 5

See Sheet 5 for Parcel 1K00006, 1K00006P.E. & 1K00006T.E.-A & B

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1K00003	Janie M. Tegtman	0.271	0.061	0.049	0.210	N/A	N/A	01-24-400-004	
1K00004	Steven M. Link	13.012	0.384	N/A	12.628	0.481	Construction Purposes	01-24-400-029 01-24-400-030	

STATION	OFFSET	NORTH	EAST
703+12.32	21.19' Rt.	1,978,630.514	944,310.279
703+91.13	65.00' Lt.	1,978,626.989	944,426.108
703+93.71	51.07' Lt.	1,978,615.838	944,417.405
803+04.78	28.44' Rt.	1,978,805.952	944,070.139

Existing  $\odot$  Pavement U.S. Route 20 Curve #1  
Proposed  $\odot$  Pavement U.S. Route 20 Curve #1

Parameter	Value	Parameter	Value
P.I.	Sta. 500+15.01	P.I.	Sta. 700+15.00
$\Delta$	48°32'35"	$\Delta$	48°32'27"
R	598.32'	R	1330.00'
T	269.80'	T	599.69'
L	506.92'	L	1126.77'
E	58.02'	E	128.95'
P.C.	Sta. 497+45.21	P.C.	Sta. 694+15.31
P.T.	Sta. 502+52.13	P.T.	Sta. 705+42.08

Parcel	Document No.	Date Recorded
1K00004	2002K111650	September 10, 2002

Proposed  $\odot$  Pavement Brier Hill Road Curve #3

Parameter	Value
P.I.	Sta. 803+77.77
$\Delta$	45°06'28"
R	295.00'
T	122.52'
L	232.25'
E	24.43'
P.C.	Sta. 802+55.25
P.R.C.	Sta. 804+87.50

STATION	OFFSET	NORTH	EAST
701+70.98	54.79' Rt.	1,978,729.339	944,198.595
701+88.49	78.46' Rt.	1,978,701.061	944,188.678
702+10.36	18.24' Lt.	1,978,736.060	944,281.541
702+20.00	65.00' Lt.	1,978,754.733	944,325.420
702+24.79	39.97' Rt.	1,978,691.126	944,241.780
702+32.78	37.99' Rt.	1,978,685.522	944,248.113
702+38.91	65.00' Rt.	1,978,664.740	944,229.724
703+03.00	80.00' Lt.	1,978,702.641	944,382.260
703+03.10	65.00' Rt.	1,978,610.798	944,270.014
703+06.08	50.51' Rt.	1,978,617.314	944,283.321

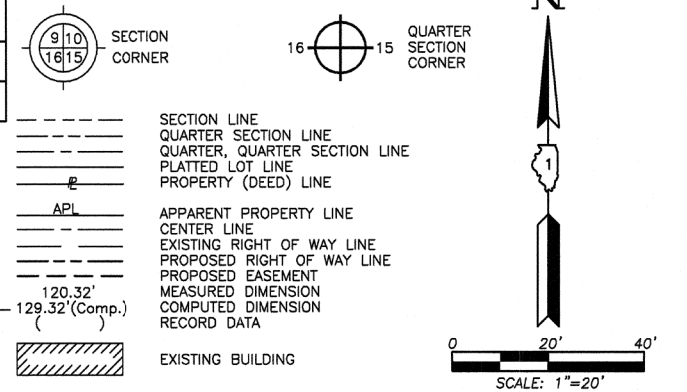
Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	
4	T1 T2 T3	
5	T1 16.01 T2 11.82 T3 17.56	

Record  $\odot$  R.O.W. U.S. Route 20 Curve Data

Measured  $\odot$  R.O.W. U.S. Route 20 Curve Data

$\Delta$	48°39'45"
R	610.37'
T	275.99'
L	518.40'
E	59.50'

LEGEND



- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.
- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
COUNTY OF LAKE }  
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 42N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_ 20\_\_ A.D.

PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2014  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
Note: Surface Coordinates are Shown

STATION	OFFSET	NORTH	EAST
699+85.89	122.81' Rt.	1,978,870.446	944,044.922
699+95.92	30.66' Rt.	1,978,899.298	944,133.081
700+05.04	10.45' Rt.	1,978,899.490	944,155.309
700+41.94	65.00' Lt.	1,978,900.210	944,238.961
700+52.57	85.00' Lt.	1,978,900.403	944,261.332
701+00.00	85.00' Lt.	1,978,861.334	944,282.428
701+23.20	70.16' Rt.	1,978,764.014	944,159.410

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371  
SHEET 1 IS A COVER  
SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 345 (U.S. ROUTE 20)  
SECTION 24, TWP. 42 N., R. 6 E.  
PROJECT JOB NO. R-91-009-12  
STATION 699+00 TO STATION 704+00  
STATION 801+00 TO STATION 804+00  
SCALE: 1"=20'  
SHEET 3 OF 15

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

AS DOCUMENT NO.



PART OF THE SOUTH 1/2 OF SEC. 24, TWP. 42 N., R. 6 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

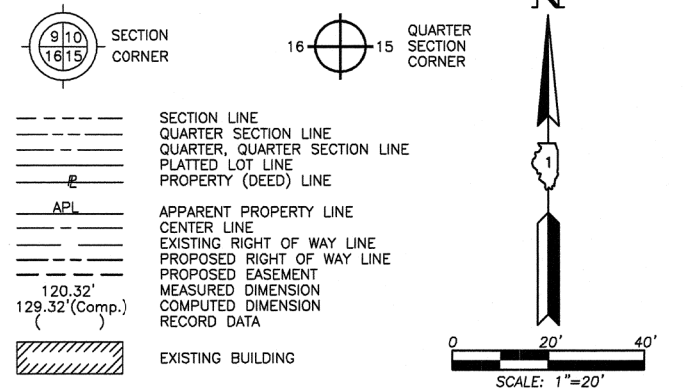
SEE SHEET 6

SEE SHEET 5

Existing $\odot$ Pavement U.S. Route 20 Curve #1		Proposed $\odot$ Pavement U.S. Route 20 Curve #1	
P.I. = Sta. 500+15.01	$\Delta = 48^{\circ}32'35''$	P.I. = Sta. 700+15.00	$\Delta = 48^{\circ}32'27''$
R = 598.32'	$T = 269.80'$	R = 1330.00'	$T = 599.69'$
L = 506.92'	$E = 58.02'$	L = 1126.77'	$E = 128.95'$
P.C. = Sta. 497+45.21	P.T. = Sta. 502+52.13	P.C. = Sta. 694+15.31	P.T. = Sta. 705+42.08

Record $\odot$ R.O.W. U.S. Route 20 Curve Data		Measured $\odot$ R.O.W. U.S. Route 20 Curve Data	
$\Delta = 48^{\circ}36'$	$R = 441.6'$	$\Delta = 48^{\circ}39'45''$	$R = 610.37'$
$T = 199.4'$	$L = 373.8'$	$T = 275.99'$	$L = 518.40'$
		$E = 59.50'$	

LEGEND



- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.
- $\odot$  IRON PIPE OR ROD FOUND
  - $\bullet$  "MAG" NAIL SET
  - $+$  CUT CROSS FOUND OR SET
  - $\bullet$  5/8" REBAR SET
  - T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - BT1, BT2, BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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  - PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
 COUNTY OF LAKE }  
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 42N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
 DATED AT LAKE VILLA, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_ A.D.

PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2014  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 Note: Surface Coordinates are Shown

COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	
698+61.62	121.85' Rt.	1,978,996.761	943,995.446	
699+85.89	122.81' Rt.	1,978,870.446	944,044.922	
699+95.92	30.66' Rt.	1,978,899.298	944,133.081	
700+05.04	10.45' Rt.	1,978,899.490	944,155.309	
802+55.25	1.10' Lt.	1,978,751.830	944,045.321	
802+55.25	31.10' Lt.	1,978,751.729	944,015.321	
802+55.25	33.00' Lt.	1,978,751.723	944,013.416	

JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE  
 LAKE VILLA, ILLINOIS 60046 (847) 356-3371  
 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 345 (U.S. ROUTE 20)  
 SECTION KANE COUNTY  
 PROJECT JOB NO. R-91-009-12  
 STATION 698+00 TO STATION 701+00  
 STATION 801+00 TO STATION 806+00  
 SCALE: 1"=20' SHEET 4 OF 15

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1KC0005 1KC0005T.E.	Jane M. Tegtmann	167.635	0.270	0.238	167.365	0.007 320	Driveway Construction	01-23-100-006 01-23-300-003 01-23-400-003 01-24-300-004 01-24-300-008 01-24-300-009 01-25-100-009	

Proposed $\odot$ Pavement Brier Hill Road Curve #2		Proposed $\odot$ Pavement Brier Hill Road Curve #3	
P.I. = Sta. 805+85.94	$\Delta = 6^{\circ}13'44''$	P.I. = Sta. 803+77.77	$\Delta = 45^{\circ}06'28''$
R = 1809.12'	$T = 98.44'$	R = 295.00'	$T = 122.52'$
L = 196.68'	$E = 2.68'$	L = 232.25'	$E = 24.43'$
P.R.C. = Sta. 804+87.50	P.T. = Sta. 806+84.18	P.C. = Sta. 802+55.25	P.R.C. = Sta. 804+87.50

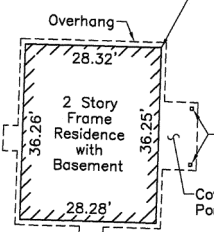
Existing $\odot$ Pavement Allen Road Curve #1	
P.I. = Sta. 212+38.67	$\Delta = 7^{\circ}46'10''$
R = 1809.12'	$T = 122.85'$
L = 245.32'	$E = 4.17'$
P.C. = Sta. 211+15.82	P.T. = Sta. 213+61.14

Record $\odot$ R.O.W. Allen Road Curve Data	
$\Delta = 9^{\circ}21'$	$R = 3183.23'$
$T = 260.32'$	$L = 519.44'$
	$E = 10.62'$

Measured $\odot$ R.O.W. Allen Road Curve Data	
$\Delta = 9^{\circ}28'27''$	$R = 3183.23'$
$T = 263.78'$	$L = 526.36'$
	$E = 10.91'$

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
803+04.78	28.44' Rt.	1,978,805.952	944,070.139
803+63.91	12.14' Lt.	1,978,853.582	944,014.978
804+00.00	33.00' Lt.	1,978,875.087	943,982.113
804+00.00	40.00' Lt.	1,978,871.769	943,975.949
804+29.73	59.00' Rt.	1,978,949.206	944,044.657
804+42.77	33.00' Lt.	1,978,907.113	943,961.750
804+52.93	34.03' Lt.	1,978,913.624	943,955.444
804+52.93	40.00' Lt.	1,978,909.899	943,950.773
804+98.70	31.39' Rt.	1,978,990.623	943,973.243
805+04.11	34.48' Lt.	1,978,948.004	943,922.727

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
----	446037	December 13, 1939
----	449678	March 1, 1940
----	2002K111650	September 10, 2002



Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	24.73
	T2	17.55
	T3	25.47
2	T1	23.66
	T2	14.62
	T3	23.62
3	T1	24.82
	T2	16.52
	T3	24.92

REVISION DATE REVISION

RECEIVED  
 AUG 06 2013  
 PLATS & LEGALS  
 MADE BY