

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

* 107 + 2 = 109 TOTAL SHEETS

F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
326	106X-R-4	KANE	107	1
		ILLINOIS	CONTRACT NO. 62F16	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN
UNINCORPORATED PLATO TOWNSHIP

PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 326: IL. RTE. 47
AT PLATO RD.
SECTION: 106X-R-4
PROJECT: CMF-M49L(232)
INTERSECTION RECONSTRUCTION
KANE COUNTY

C-91-251-17
R 7 E

PROJECT ENDS--(IL 47)
STA. 209+98.9 (PROP.) = STA. 510+00 (EXIST.)

TRAFFIC DATA:
IL RTE. 47

2016 ADT: 6900

SPEED LIMIT: 55 MPH

S.U. = 7.33% M.U. = 9.48%

PROJECT LIMIT--(PLATO RD.)
STA. 100+00 (PROP.) = STA. 190+00 (EXIST.)

PLATO RD.

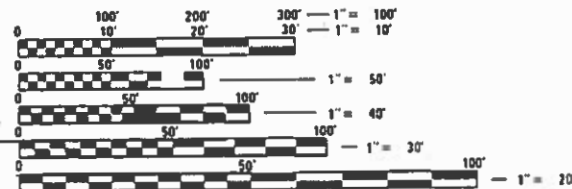
2016 ADT: 3750

SPEED LIMIT: 55 MPH

S.U. = 3.33% M.U. = 0.74% (WEST LEG)

S.U. = 8.82% M.U. = 1.76% (EAST LEG)

PROJECT BEGINS--(IL 47)
STA. 400+00 (PROP.) = STA. 490+00 (EXIST.)

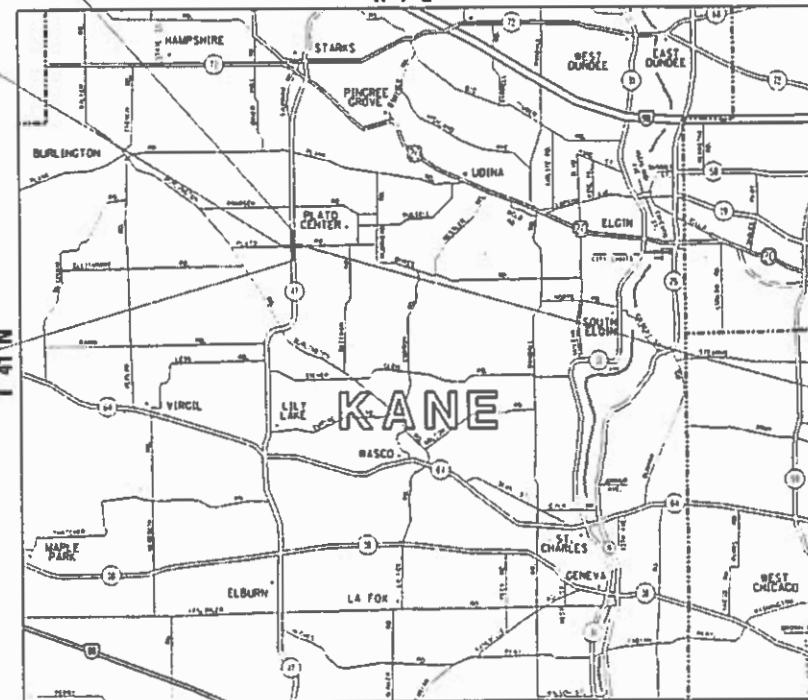


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: J. ALAIN MIDY (847) 221-3056
PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62F16



PLATO TOWNSHIP

IL RTE. 47 - GROSS AND NET LENGTH OF PROJECT = 2028.3 FT. = 0.38 MILE
PLATO RD. - GROSS AND NET LENGTH OF PROJECT = 1729.4 FT. = 0.32 MILE
TOTAL GROSS AND NET LENGTH OF PROJECT = 3757.7 FT. = 0.71 MILE



PROJECT LIMIT--(PLATO RD.)
STA. 307+00 (PROP.) = STA. 207+00 (EXIST.)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 13, 2018
Anthony G. Ramsey, MS REGION ENGINEER
Oct 5, 2018
Paul L. Chaf... ENGINEER OF DESIGN AND ENVIRONMENT
Oct 9, 2018
Paul L. Chaf... DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 3

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OF THE STATE OF ILLINOIS

GENERAL NOTES

BEFORE BEGINING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKINGS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

TOP OF FRAME ("RIM") ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES/GRATES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST. TOP OF RIM ELEVATIONS SHOWN ON THE PLANS FOR STRUCTURES LOCATED IN THE CURB LINE ARE GIVEN AT THE EDGE OF PAVEMENT. PROPOSED STORM SEWER LENGTHS PROVIDED IN THE QUANTITIES ARE FROM THE CENTER OF THE STRUCTURES.

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.

TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

ON STATE STANDARDS 482001, AGGREGATE SUBGRADE IMPROVEMENT 12" (300 MM) SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST PER SQ YARD (SQ METER) OF AGGREGATE SUBGRADE IMPROVEMENT 12" (300 MM).

DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS- RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) AND THE IDOT SUBGRADE STABILITY MANUAL (05/01/2005). IF UNSTABLE AND/OR UNSUITABLE SOILS IS NOT ENCOUNTERED, THEN THE QUALITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

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

THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTORS RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) ABD USE/WASTE REVIEW(BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL 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.G.1 AND 2 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 SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENATION WILL BE ALLOW.

THIS PROJECT REQUIRES A U.S. ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT, FOUND IN THE SPECIAL PROVISIONS, MUST BE FOLLOWED. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK IN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK IN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK (WHICH INCLUDES WORK WITHIN WETLANDS). THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDEDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITION COMPENSATION WILL BE ALLOWED.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTORS EXPENSE.

THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE. 47 AT PLATO RD. INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED -	REVISED -			326	106X-R-4	KANE	107	3
	PLOT SCALE = 99.9931' / in.	DATE -	REVISED -			CONTRACT NO. 62F16				
	PLOT DATE = 8/16/2018					SCALE:	SHEET	OF	SHEETS	STA.
						ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY 0004	TRAFFIC 0021	LIGHTING 0021		
				80 % FED 20 % FED	80 % FED 20 % FED	80 % FED 20 % FED		
			URBAN					
* X1400349	SOLAR-POWERED FLASHING BEACON INSTALLATION	EACH	2		2			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	271	271				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	224	224				
20200100	EARTH EXCAVATION	CU YD	10541	10541				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	11858	11858				
20400800	FURNISHED EXCAVATION	CU YD	5525	5525				
20800150	TRENCH BACKFILL	CU YD	909	909				
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	6067	6067				
* 25000210	SEEDING, CLASS 2A	ACRE	2.1	2.1				
* 25000310	SEEDING, CLASS 4	ACRE	4.2	4.2				
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	567	567				
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	567	567				
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	567	567				
* 25100115	MULCH, METHOD 2	ACRE	6.3	6.3				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY 0004	TRAFFIC 0021	LIGHTING 0021		
				80 % FED 20 % FED	80 % FED 20 % FED	80 % FED 20 % FED		
			URBAN					
25100630	EROSION CONTROL BLANKET	SO YD	30492	30492				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	630	630				
28000305	TEMPORARY DITCH CHECKS	FOOT	1158	1158				
28000400	PERIMETER EROSION BARRIER	FOOT	4678	4678				
28000510	INLET FILTERS	EACH	28	28				
28100105	STONE RIPRAP, CLASS A3	SO YD	53.3	53.3				
28200200	FILTER FABRIC	SQ YD	53.3	53.3				
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	918	918				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	19462	19462				
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	6080	6080				
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SO YD	490	490				
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	193	193				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	6346	6346				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	21.5	21.5				
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	106	106				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT		ROADWAY 0004 80 % FED 20 % FED	TRAFFIC 0021 80 % FED 20 % FED	LIGHTING 0021 80 % FED 20 % FED				CODE NO		ITEM	UNIT	ROADWAY 0004 80 % FED 20 % FED	TRAFFIC 0021 80 % FED 20 % FED	LIGHTING 0021 80 % FED 20 % FED		
			URBAN															
40701871	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"	SO YD	4682	4682					550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	141	141					
40701906	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/4"	SO YD	6578	6578														
42001300	PROTECTIVE COAT	SQ YD	1335	1335					60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	11	11					
44000100	PAVEMENT REMOVAL	SO YD	10960	10960					60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	435	435					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	953	953					60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	7120	7120					
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	163.7	163.7					60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	16	16					
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	3954	3954					60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	5	5					
50105220	PIPE CULVERT REMOVAL	FOOT	101	101					60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1					
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	8	8					60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4					
5421A015	PIPE CULVERT, CLASS A, TYPE 1, 15" (TEMPORARY)	FOOT	15	15					60600095	CLASS SI CONCRETE (OUTLET)	CU YD	10.5	10.5					
54214737	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 42"	EACH	2	2					60600605	CONCRETE CURB, TYPE B	FOOT	254	254					
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	30.6	30.6					60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4, 24	FOOT	4003	4003					
54248510	CONCRETE COLLAR	CU YD	1	1					* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1945	1945					
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	23.5	23.5					* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1					
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	280.1	280.1														
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	459.3	459.3														

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		ROADWAY 0004 80 % FED 20 % FED	TRAFFIC 0021 80 % FED 20 % FED	LIGHTING 0021 80 % FED 20 % FED				CODE NO	ITEM		UNIT	ROADWAY 0004 80 % FED 20 % FED	TRAFFIC 0021 80 % FED 20 % FED	LIGHTING 0021 80 % FED 20 % FED		
			URBAN									URBAN						
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4														
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12														
67100100	MOBILIZATION	L SUM	1	1														
70106700	TEMPORARY RUMBLE STRIPS	EACH	32	32														
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13195	13195														
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	4398	4398														
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	193.2	193.2														
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	11996	11996														
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	47	47														
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	403	403														
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	297	297														
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	14820	14820														
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2004	2004														
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2004	2004														
70600251	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2														
70600352	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2														
* 72000100	SIGN PANEL - TYPE 1	SO FT	299.14	277.14	22													
* 72000200	SIGN PANEL - TYPE 2	SO FT	64	64														
* 73000100	WOOD SIGN SUPPORT	FOOT	35		35													
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	193.2	193.2														
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11996	11996														
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	47	47														
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	403	403														
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	297	297														
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	14820	14820														
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	102	102														
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	102	102														

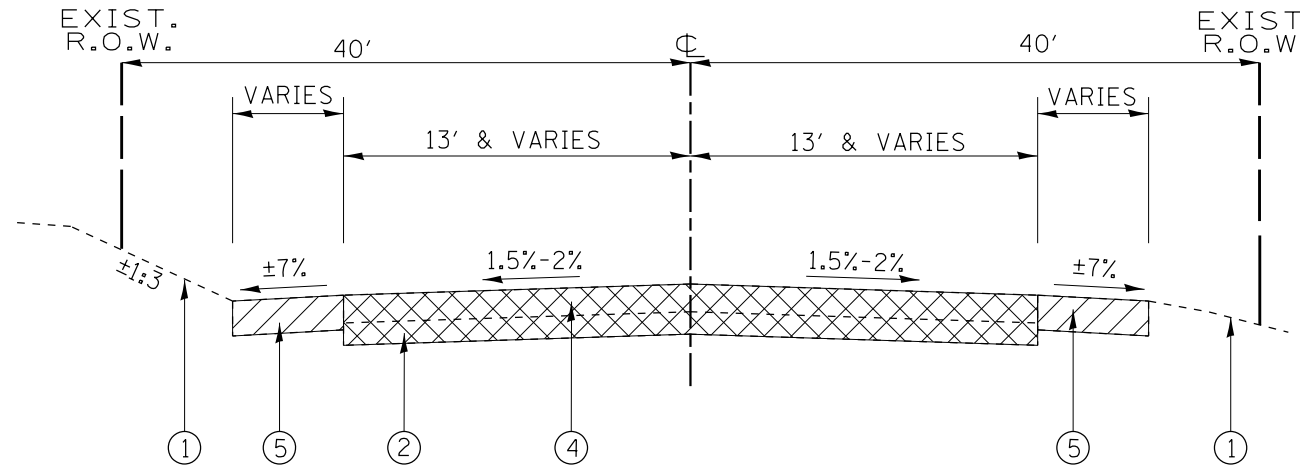
* SPECIALTY ITEMS

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0004	TRAFFIC 0021	LIGHTING 0021				CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0004	TRAFFIC 0021	LIGHTING 0021			
				80 % FED 20 % FED	80 % FED 20 % FED	80 % FED 20 % FED								80 % FED 20 % FED	80 % FED 20 % FED	80 % FED 20 % FED			
			URBAN										URBAN						
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	81	81						* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1				
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1			1				* 89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	4		4				
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1			1				* A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	7	7					
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	285			285				* A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9					
* 81603047	UNIT DUCT, 600V, 3-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	3010			3010				* A2008470	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10	10					
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	400			400				* B2001116	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6	6					
* 82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1			1				* B2001916	TREE, CRATAEGUS PHAENOPYRUM (WASHINGTON HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6	6					
* 83050805	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. DAVIT ARM	EACH	16			16				* B2003866	TREE, MALUS IOENSIS (PRAIRIE CRABAPPLE), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10	10					
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	152			152													
* 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	16			16													
* 85000500	MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION	EACH	5		5														

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY 0004	TRAFFIC 0021	LIGHTING 0021		
				80 % FED 20 % FED	80 % FED 20 % FED	80 % FED 20 % FED		
			URBAN					
* B2006016	TREE, SYRINGA PEKINENSIS (PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	10	10				
* D2001054	EVERGREEN, JUNIPERUS HORIZONTALIS WILTONII (BLUE RUG JUNIPER), 18" SPREAD, BALLED AND BURLAPPED	EACH	58	58				
* K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	57	57				
* K0012975	PERENNIAL PLANTS, ORNAMENTAL TYPE, 4" POT	UNIT	20.4	20.4				
* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	4.8	4.8				
* K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	10.7	10.7				
X0327583	STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	490	490				
* X1400203	LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE B	EACH	16		16			
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1				
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1	1				
X6065760	CONCRETE MEDIAN SURFACE, 8"	SO FT	10879	10879				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY 0004	TRAFFIC 0021	LIGHTING 0021		
				80 % FED 20 % FED	80 % FED 20 % FED	80 % FED 20 % FED		
			URBAN					
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
X7010410	SPEED DISPLAY TRAILER	CAL MO	12	12				
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	120	120				
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	9573	9573				
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	962	962				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
Z0027800	GEOTECHNICAL FABRIC	SO YD	2386	2386				
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	102.8	102.8				
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	7		7			
Z0062456	TEMPORARY PAVEMENT	SO YD	6857	6857				
Ø Z0076600	TRAINEES	HOUR	500	500				
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500				
Ø 0042								

* SPECIALTY ITEMS

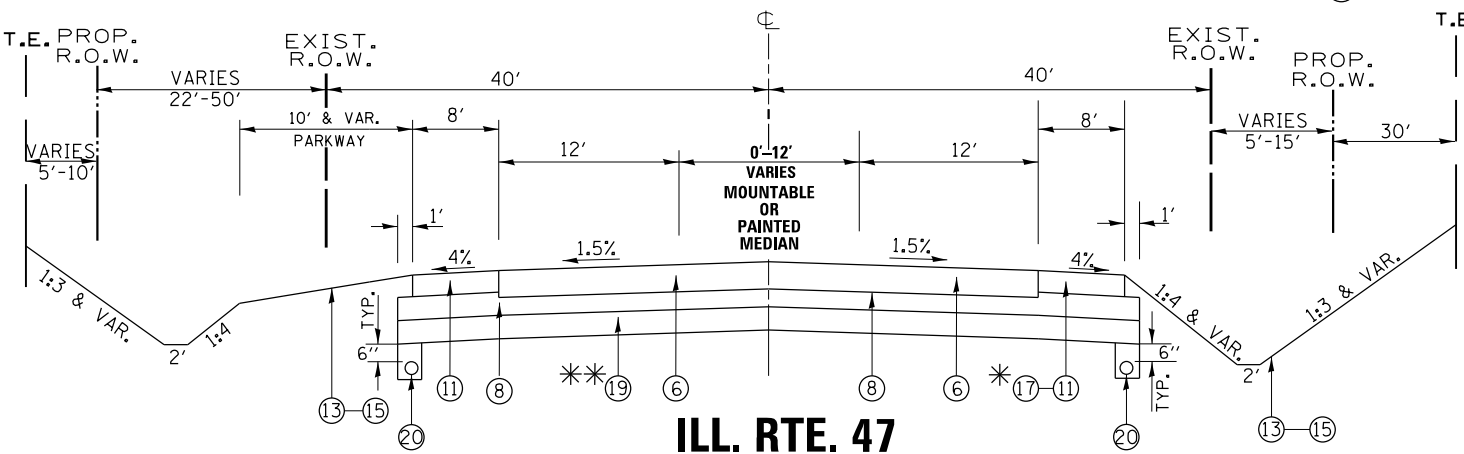


**ILL. RTE. 47
EXISTING TYPICAL SECTION
STA. 400+00 (490+00 EX.) TO STA. 510+00 (510+00 EX.)**

- PAVEMENT REMOVAL/SHOULDER REMOVAL
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)

LEGEND:

- ① EXISTING GROUND
- ② EXISTING P.C.C PAVEMENT ± 8"
- ③ EXISTING HOT-MIX ASPHALT PAVEMENT, ± 12"
- ④ EXISTING HOT-MIX ASPHALT PAVEMENT ± 7"
- ⑤ EXISTING AGGREGATE SHOULDER, TYPE A
- ⑤A EXISTING HOT-MIX ASPHALT SHOULDER
- ⑤B PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑥ PROP. HOT-MIX ASPHALT PAVEMENT (FULL - DEPTH) 11 1/4" - IL RTE. 47
- ⑦ PROP. HOT-MIX ASPHALT PAVEMENT (FULL - DEPTH) 9 1/2" - PLATO RD.
- ⑦A PROP. POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
- ⑧ PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑨ PROP. COMBINATION CONCRETE CURB & GUTTER TYPE M-4.24
- ⑩ PROP. CONCRETE CURB, TYPE B - 6"
- ⑪ PROP. HOT-MIX ASPHALT SHOULDERS, 8"
- ⑫ PROP. CONCRETE MEDIAN SURFACE, 8"
- ⑬ PROP. TOP SOIL, EXCAVATION AND PLACEMENT, SEED, AND NUTRENTS
- ⑭ PROP. STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) - [TRANSVERSE CONTRACTION JOINTS TO BE SPACED EVERY 15FT.]
- ⑮ PROP. DITCH
- ⑯ PROP. PAVEMENT REMOVAL
- ⑰ PROP. TEMPORARY PAVEMENT
- ⑱ PROP. STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
- *** ⑲ PROP. AGGREGATE SUBGRADE IMPROVEMENT, CU YD
- *** ⑳ PROP. PIPE UNDERDRAINS



**ILL. RTE. 47
PROPOSED TYPICAL SECTION
STA. 400+00 (490+00 EX.) TO STA. 510+00 (510+00 EX.)**

- TRANSVERSE CONTRACTION JOINTS TO BE SPACED EVERY 15FT FOR STAMPED COLORED PCC PAVEMENT
- * NB SHOULDER SHALL BE BUILT AS TEMPORARY PAVEMENT FROM STA. 202+00 (502+00 EX.) TO STA. 209+98.9 (510+00 EX.)
- *** NOTE A: (STA. 402+50 TO STA. 405+00)

TEMPORARY PAVEMENT

- OPTION 1
 - 10" FULL DEPTH TEMPORARY HMA PAVEMENT
 - 2" HMA SURFACE COURSE, MIX "D", N70
 - 8" HMA BINDER COURSE, IL-19.0, N70
 - 4" SUBBASE GRANULAR MATERIAL TYPE B (CA-6)
- OPTION 2
 - 8" TEMPORARY PCC PAVEMENT
 - 4" SUBBASE GRANULAR MATERIAL TYPE B (CA-6)

NOTE:

" PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENT OF ART. 1020 OF THE STANDARD SPECIFICATION; THICKNESS SHALL BE 8" AND TEMPORARY P.C.C PAVEMENT DOES NOT REQUIRE DOWEL BARS."

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RECONSTRUCTION (IL RTE. 47) - HMA (FD) 11 1/4"		
POLYMERIZED HMA SURFACE COURSE, MIX "E", N70; 2" (IL-9.5 mm)	4.0% @ 70 GYR.	QCP
POLYMERIZED HMA BINDER COURSE (IL-19.0mm); N90; 2 1/4"	4.0% @ 90 GYR.	QCP
HMA BASE COURSE (IL-19.0mm); N90; 7"	4.0% @ 90 GYR.	QCP
PAVEMENT RECONSTRUCTION (PLATO RD.) - HMA (FD) 9 1/2"		
POLYMERIZED HMA SURFACE COURSE, MIX "E", N70; 2" (IL-9.5 mm)	4.0% @ 70 GYR.	QCP
POLYMERIZED HMA BINDER COURSE (IL-19.0mm); N90; 2 1/4"	4.0% @ 90 GYR.	QCP
HMA BASE COURSE (IL-19.0mm); N70; 5 1/4"	4.0% @ 70 GYR.	QCP
HMA SHOULDERS, 8"		
HMA SHOULDER (HMA BINDER IL-19mm); 6"	4.0% @ 70 GYR.	QC/QA
POLY. HMA SURFACE COURSE, MIX "E", N70; 2" (IL-9.5 mm)	4.0% @ 70 GYR.	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 2"	4.0% @ 50 GYR.	QC/QA
HMA BASE COURSE (HMA BINDER IL-19mm); PE-6" or CE-8"	4.0% @ 50 GYR.	QC/QA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm); 2"	4.0% @ 70 GYR.	QCP
HMA BINDER COURSE (HMA BINDER IL-19.0mm); 8"	4.0% @ 70 GYR.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19mm)	4.0% @ 70 GYR.	QC/QA
TRUCK APRON		
STABILIZED SUB-BASE HMA (IL-19 mm); 4"	3.0% @ 50 GYR.	QC/QA
RESURFACING		
POLY. HMA SURFACE COURSE, MIX "E", N70; 2" (IL-9.5 mm)	4.0% @ 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE AC TYPE FOR POLYMERIZED HMA MIXTURES 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 RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

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	DRAWN -	REVISED -
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PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTION
ILL. RTE. 47 AT PLATO ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	KANE	107	8
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				

LEGEND:

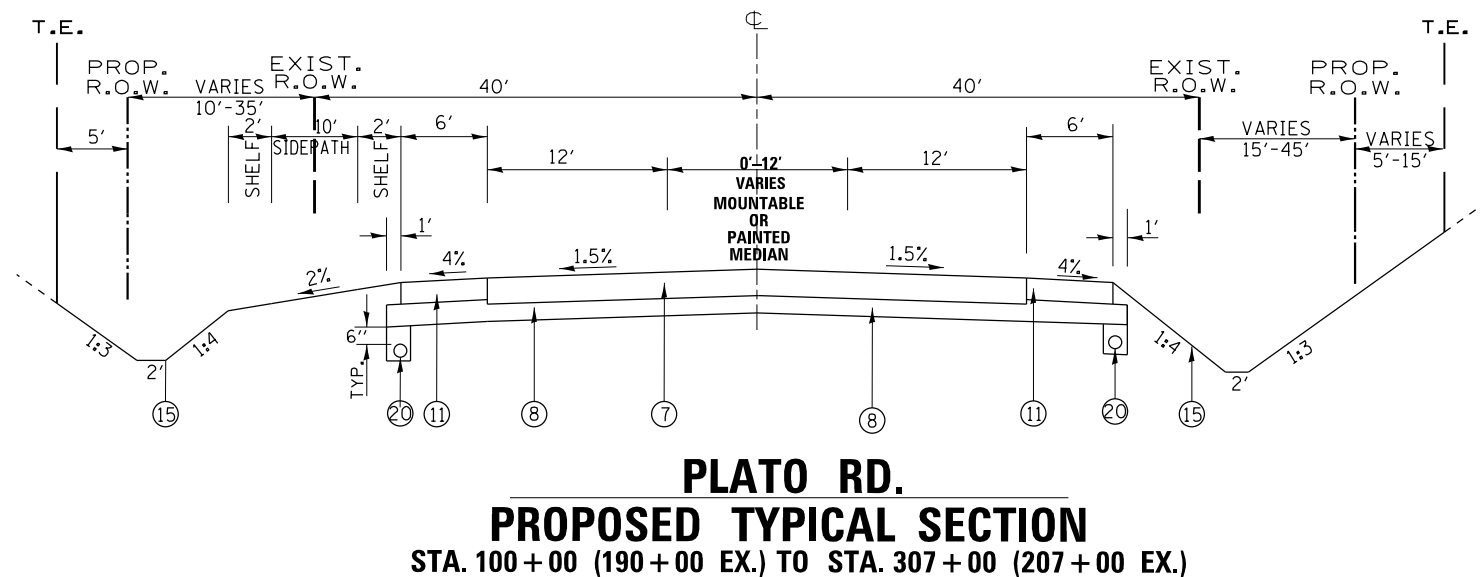
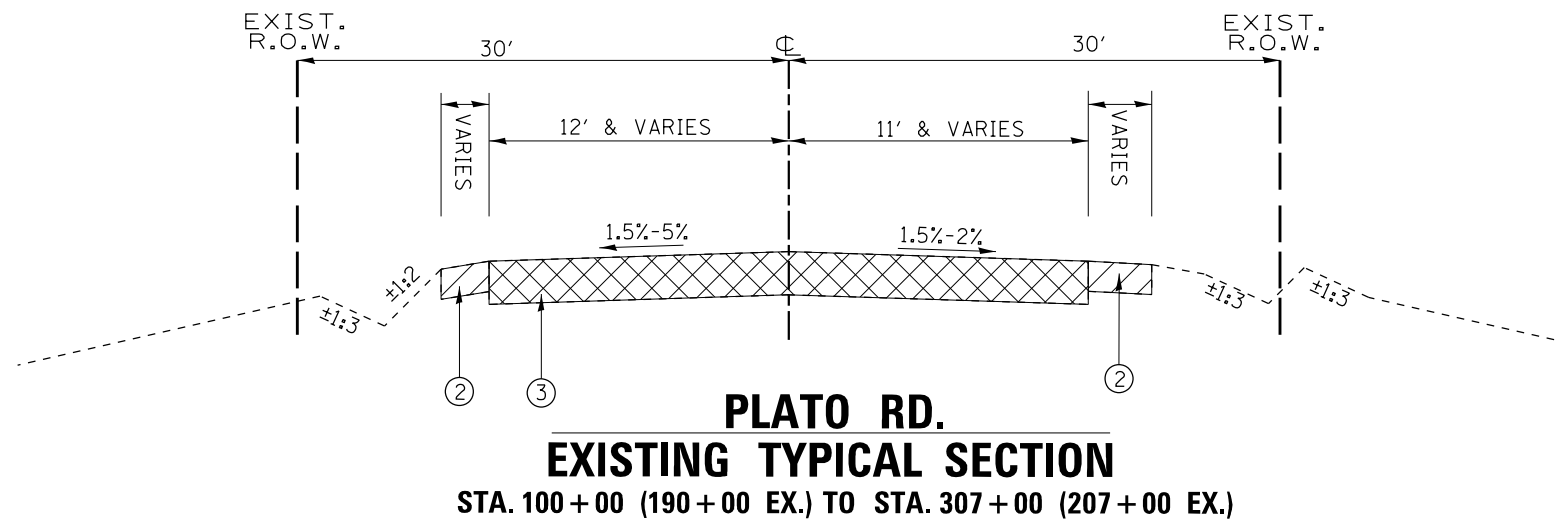
- ① EXISTING GROUND
- ② EXISTING P.C.C PAVEMENT ± 8"
- ③ EXISTING HOT-MIX ASPHALT PAVEMENT, ± 12"
- ④ EXISTING HOT-MIX ASPHALT PAVEMENT ± 7"
- ⑤ EXISTING AGGREGATE SHOULDER, TYPE A
- ⑤A EXISTING HOT-MIX ASPHALT SHOULDER
- ⑤B PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑥ PROP. HOT-MIX ASPHALT PAVEMENT (FULL - DEPTH) 11 1/4" - IL RTE. 47
- ⑦ PROP. HOT-MIX ASPHALT PAVEMENT (FULL - DEPTH) 9 1/2" - PLATO RD.
- ⑦A PROP. POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
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- ⑭ PROP. STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)- [TRANSVERSE CONTRACTION JOINTS TO BE SPACED EVERY 15FT]
- ⑮ PROP. DITCH
- ⑯ PROP. PAVEMENT REMOVAL
- ⑰ PROP. TEMPORARY PAVEMENT
- ⑱ PROP. STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
- ** ⑲ PROP. AGGREGATE SUBGRADE IMPROVEMENT, CU YD
- *** ⑳ PROP. PIPE UNDERDRAINS

□ TRANSVERSE CONTRACTION JOINTS TO BE SPACED EVERY 15FT FOR STAMPED COLORED PCC PAVEMENT

* NB SHOULDER SHALL BE BUILT AS TEMPORARY PAVEMENT FROM STA. 202+00 (502+00 EX.) TO STA. 209+98.9 (510+00 EX.)

** NOTE A: (STA. 402+50 TO STA. 405+00)
A GROUND STABILIZING GEOTEXTILE FABRIC BE PLACED OVER THE PREPARED SUBGRADE AND COVERED WITH AGGREGATE SUBGRADE IMPROVEMENT AND TO BE PRESENT BELOW THE ENTIRE WIDTH OF THE PORPOSED EMBANKMENT NECESSARY TO CONSTRUCT BOTH LANES.

*** INSTALL LONGITUDINAL AND TRANSVERSE PIPE UNDERDRAINS BELOW THE PAVEMENT IN AREAS WHERE THE ROAD WILL BE RECONSTRUCTED. INSTALL TRANSVERSE DRAINS USING OF 300 FT. INTERVALS THE DRAINS SHOULD BE INSTALLED IN LOW AREAS AND AT BASE OF ANY UNDERCUTS. THE UNDERDRAINS SHOULD TIE INTO THE DRAINAGE SYSTEM WHEN POSSIBLE AND SHOULD BE INSTALLED PER ARTICLE 601 IN THE IDOT STANDARD SPEC. AND CONSIST OF TYPE 2 UNDERDRAINS. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.



- PAVEMENT REMOVAL/SHOULDER REMOVAL
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)

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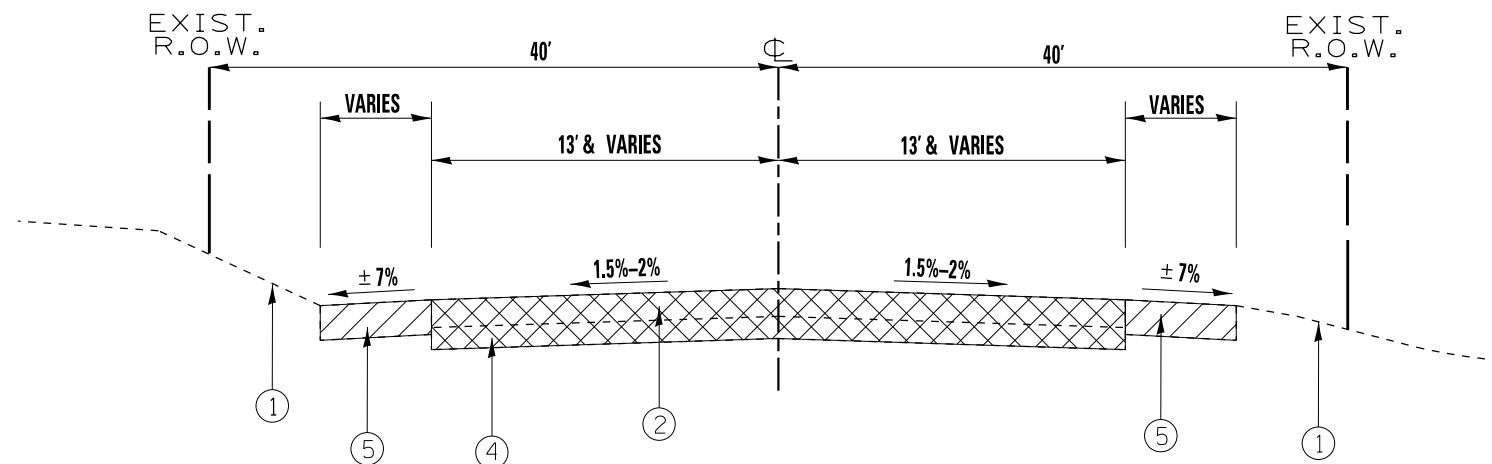
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	DRAWN -	REVISED -
PLOT SCALE = 100.0236" / In.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION
ILL RTE. 47 AT PLATO ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	KANE	107	9
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				



**ILL. RTE. 47 AT PLATO RD.
EXISTING TYPICAL SECTION**

LEGEND:

- ① EXISTING GROUND
- ② EXISTING P.C.C PAVEMENT ± 8"
- ③ EXISTING HOT-MIX ASPHALT PAVEMENT, ± 12"
- ④ EXISTING HOT-MIX ASPHALT PAVEMENT ± 7"
- ⑤ EXISTING AGGREGATE SHOULDER, TYPE A
- ⑤A EXISTING HOT-MIX ASPHALT SHOULDER
- ⑤B PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑥ PROP. HOT-MIX ASPHALT PAVEMENT (FULL - DEPTH) 11 1/4" - IL RTE. 47
- ⑦ PROP. HOT-MIX ASPHALT PAVEMENT (FULL - DEPTH) 9 1/2" - PLATO RD.
- ⑦A PROP. POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
- ⑧ PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑨ PROP. COMBINATION CONCRETE CURB & GUTTER TYPE M-4.24
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- ⑮ PROP. DITCH
- ⑯ PROP. PAVEMENT REMOVAL
- ⑰ PROP. TEMPORARY PAVEMENT
- ⑱ PROP. STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
- ** ⑲ PROP. AGGREGATE SUBGRADE IMPROVEMENT, CU YD
- *** ⑳ PROP. PIPE UNDERDRAINS

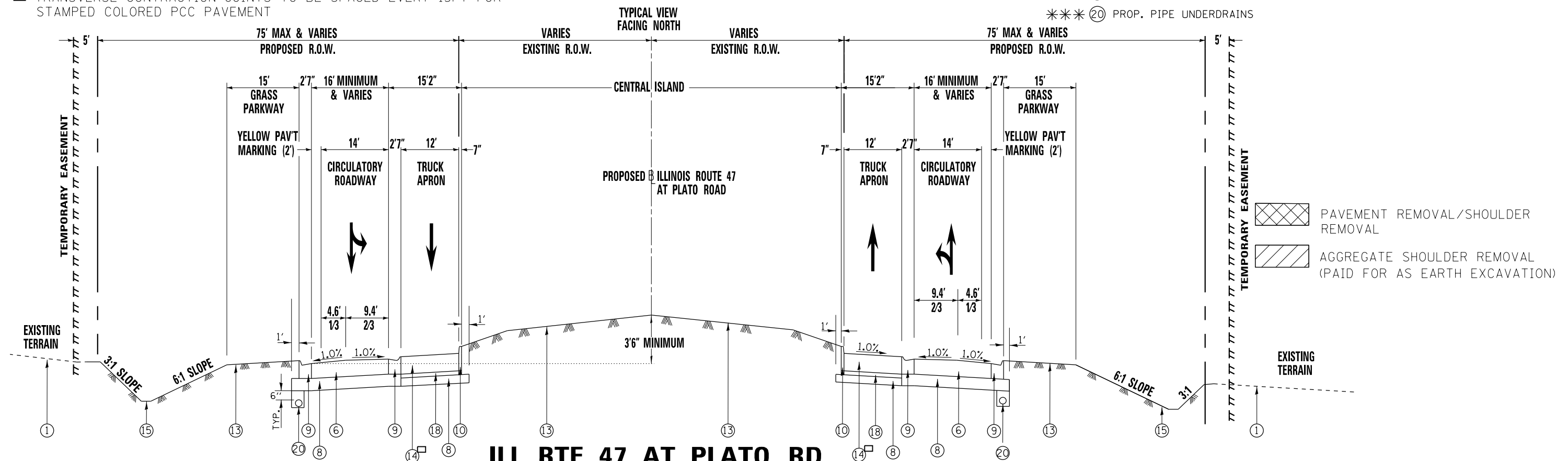
* NB SHOULDER SHALL BE BUILT AS TEMPORARY PAVEMENT FROM STA. 202+00 (502+00 EX.) TO STA. 209+98.9 (510+00 EX.)

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** NOTE A: (STA. 402+50 TO STA. 405+00)

A GROUND STABILIZING GEOTEXTILE FABRIC BE PLACED OVER THE PREPARED SUBGRADE AND COVERED WITH AGGREGATE SUBGRADE IMPROVEMENT AND TO BE PRESENT BELOW THE ENTIRE WIDTH OF THE PORPOSED EMBANKMENT NECESSARY TO CONSTRUCT BOTH LANES.

□ TRANSVERSE CONTRACTION JOINTS TO BE SPACED EVERY 15FT FOR STAMPED COLORED PCC PAVEMENT



**ILL. RTE. 47 AT PLATO RD.
PROPOSED TYPICAL SECTION**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION
ILL. RTE. 47 AT PLATO ROAD

USER NAME = abebawa	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/16/2018	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 10
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				

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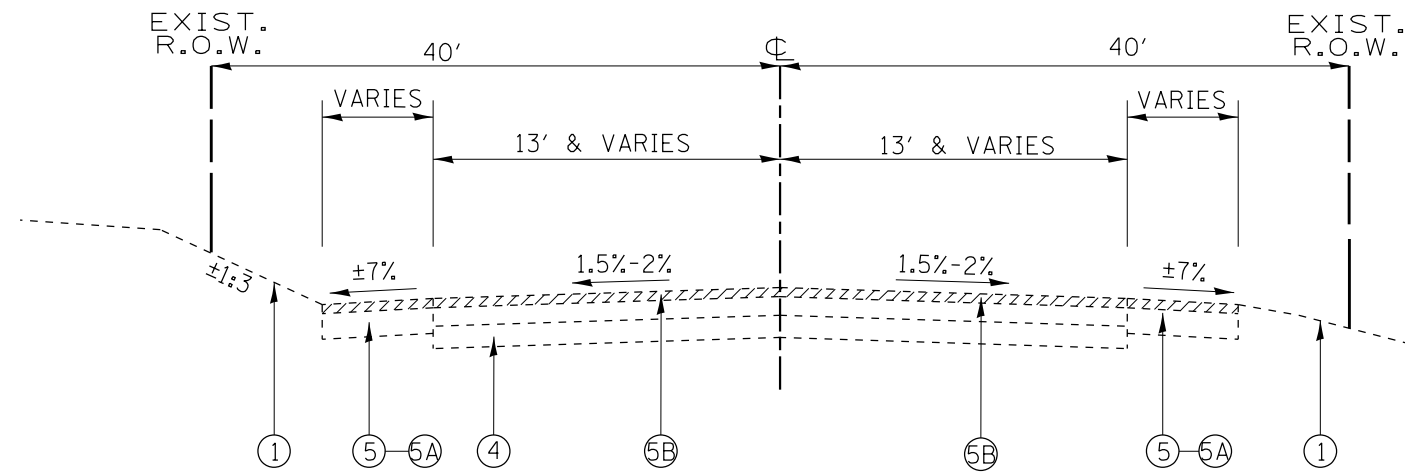
- ① EXISTING GROUND
- ② EXISTING P.C.C PAVEMENT ± 8"
- ③ EXISTING HOT-MIX ASPHALT PAVEMENT, ± 12"
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- ⑤ EXISTING AGGREGATE SHOULDER, TYPE A
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- *** ⑳ PROP. PIPE UNDERDRAINS

☐ TRANSVERSE CONTRACTION JOINTS TO BE SPACED EVERY 15FT FOR STAMPED COLORED PCC PAVEMENT

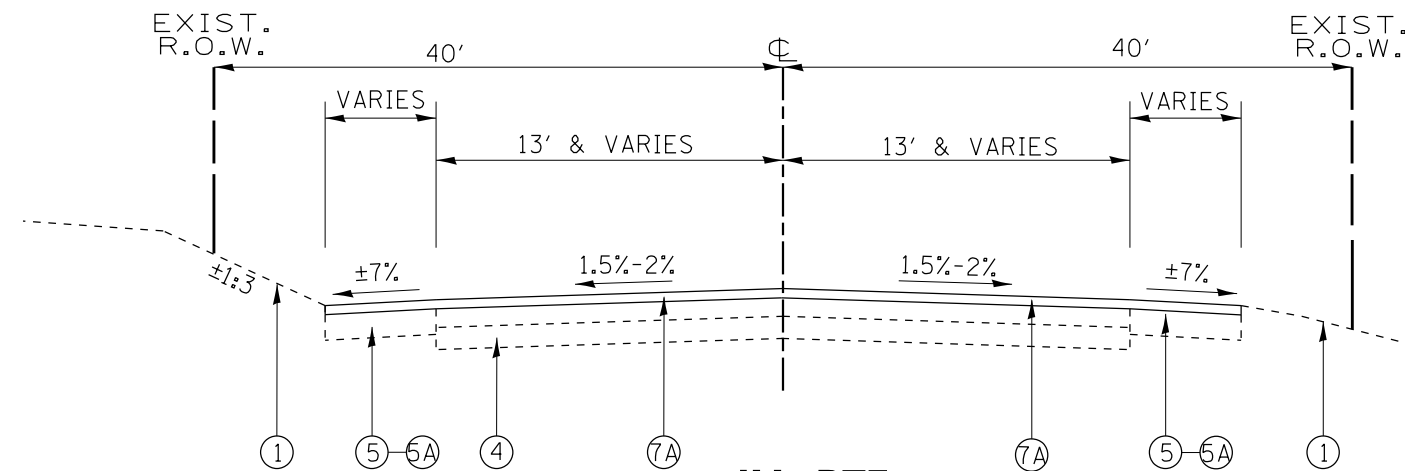
* NB SHOULDER SHALL BE BUILT AS TEMPORARY PAVEMENT FROM STA. 202+00 (502+00 EX.) TO STA. 209+98.9 (510+00 EX.)

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**ILL. RTE. 47
EXISTING TYPICAL SECTION
STA. 487+50 TO STA. 490+00
STA. 510+00 TO STA. 510+74**



**ILL. RTE. 47
PROPOSED TYPICAL SECTION
STA. 487+50 TO STA. 490+00
STA. 510+00 TO STA. 510+74**

- PAVEMENT REMOVAL/SHOULDER REMOVAL
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTION
ILL. RTE. 47 AT PLATO ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 11
			CONTRACT NO. 62F16	
		ILLINOIS FED. AID PROJECT		

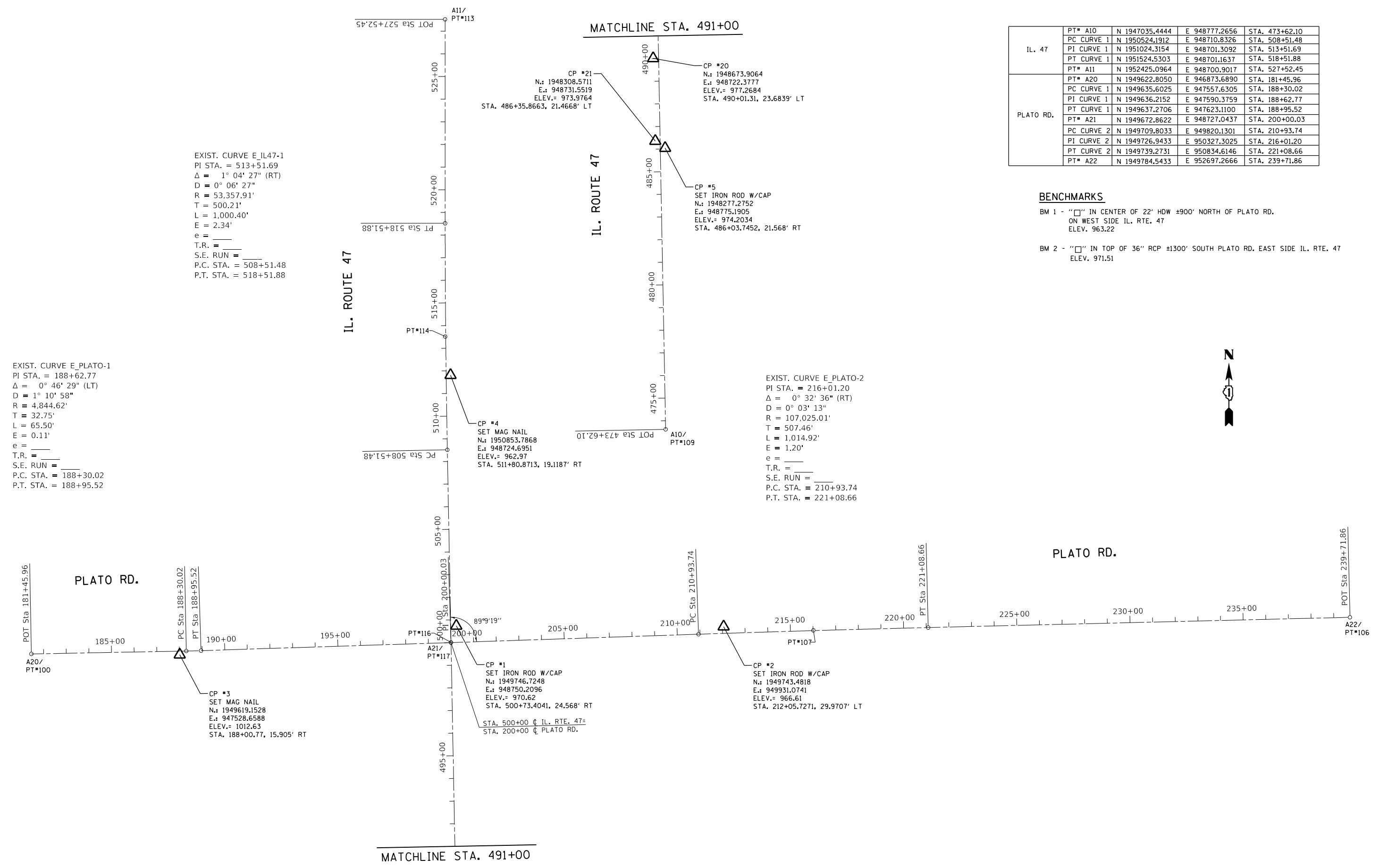
EARTHWORK SCHEDULE

IL RTE. 47	EARTH EXCAVATION (CU. YD.)	TOP SOIL EXCAVATION (CU. YD.)	TOP SOIL EXCAVATION USED AS TOP SOIL (SHRINKAGE 15%) (CU. YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU. YD.)	EMBANKMENT (CU. YD.)	TOP SOIL PLACEMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)	TOP SOIL BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
PRE-STAGE - NORTH LEG	925	2576	2189.6	786.2	423	0	363.2	2189.6
PRE-STAGE - SOUTH LEG	1094	1607	1365.9	929.9	344	0	585.9	1365.9
STAGE I - NORTH LEG	3595	3269	2778.6	3055.7	2165	1667	890.7	1111.6
STAGE I - SOUTH LEG	1786	2964	2519.4	1518.1	2888	1167	-1369.9	1352.4
STAGE I - ROUNDABOUT	319	1826	1552.1	271.1	2537	1069	-2265.9	483.1
PLATO RD.								
STAGE I - EAST LEG	879	2688	2284.8	747.1	2161	679	-1413.9	1605.8
STAGE I - WEST LEG	1943	5744	4882.4	1651.5	3966	1485	-2314.5	3397.4
TOTAL	10541	20674	17572.8	8959.9	14484	6067	-5524.4	11505.8

TREE REMOVAL SCHEDULE

STATION (PROP.)	OFFSET/SIDE (FEET)	6 TO 15 UNIT (DIA.)	OVER 15 UNIT (DIA.)	STATION (PROP.)	OFFSET/SIDE (FEET)	6 TO 15 UNIT (DIA.)	OVER 15 UNIT (DIA.)	STATION	OFFSET/SIDE (FEET)	6 TO 15 UNIT (DIA.)	OVER 15 UNIT (DIA.)
400+58	59.0' L		17	405+26	40.0' L		20	100+00	30.1' L	12	16
400+58	39.9' L		17	405+34	40.0' L	12		100+36	29.3' L		30
401+67.8	41.1' L		16	405+34	45.3' L	8		100+36	29.3' L		30
401+77.1	39.2' L	12						100+57	29.7' L	15	
401+77.1	39.2' L	12						100+57	29.7' L	15	
402+01	39.7' L	12						100+80	30.0' L		36
402+01	39.7' L	12						101+32	32.6' L		42
402+01	39.7' L	12						102+17	30.5' L	15	
403+25.8	41.9' L	15									
403+25.8	41.9' L	15									
403+27.1	41.1' L	6									
403+27.1	41.1' L	6									
403+27.1	41.1' L	6									
403+27.1	41.1' L	6									
403+32.1	40.4' L	12									
403+32.1	40.4' L	12									
403+32.1	40.4' L	12									
403+32.1	40.4' L	12									
403+32.1	40.4' L	12									
403+77	40.2' L	10									
403+77	40.2' L	10									
		194	50			20	20			57	154
TOTAL	6 TO 15 UNIT DIAMETER 271			OVER 15 UNIT DIAMETER 224							

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EXIST. CURVE E_IL47-1
 PI STA. = 513+51.69
 $\Delta = 1^{\circ} 04' 27''$ (RT)
 $D = 0^{\circ} 06' 27''$
 $R = 53,357.91'$
 $T = 500.21'$
 $L = 1,000.40'$
 $E = 2.34'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 508+51.48
 P.T. STA. = 518+51.88

EXIST. CURVE E_PLATO-1
 PI STA. = 188+62.77
 $\Delta = 0^{\circ} 46' 29''$ (LT)
 $D = 1^{\circ} 10' 58''$
 $R = 4,844.62'$
 $T = 32.75'$
 $L = 65.50'$
 $E = 0.11'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 188+30.02
 P.T. STA. = 188+95.52

EXIST. CURVE E_PLATO-2
 PI STA. = 216+01.20
 $\Delta = 0^{\circ} 32' 36''$ (RT)
 $D = 0^{\circ} 03' 13''$
 $R = 107,025.01'$
 $T = 507.46'$
 $L = 1,014.92'$
 $E = 1.20'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 210+93.74
 P.T. STA. = 221+08.66

IL. 47	PT# A10	N 1947035.4444	E 948777.2656	STA. 473+62.10
	PC CURVE 1	N 1950524.1912	E 948710.8326	STA. 508+51.48
	PI CURVE 1	N 1951024.3154	E 948701.3092	STA. 513+51.69
	PT CURVE 1	N 1951524.5303	E 948701.1637	STA. 518+51.88
PLATO RD.	PT# A11	N 1952425.0964	E 948700.9017	STA. 527+52.45
	PT# A20	N 1949622.8050	E 946873.6890	STA. 181+45.96
	PC CURVE 1	N 1949635.6025	E 947557.6305	STA. 188+30.02
	PI CURVE 1	N 1949636.2152	E 947590.3759	STA. 188+62.77
	PT CURVE 1	N 1949637.2706	E 947623.1100	STA. 188+95.52
	PT# A21	N 1949672.8622	E 948727.0437	STA. 200+00.03
	PC CURVE 2	N 1949709.8033	E 949820.1301	STA. 210+93.74
	PI CURVE 2	N 1949726.9433	E 950327.3025	STA. 216+01.20
PLATO RD.	PT CURVE 2	N 1949739.2731	E 950834.6146	STA. 221+08.66
	PT# A22	N 1949784.5433	E 952697.2666	STA. 239+71.86

BENCHMARKS

BM 1 - "□" IN CENTER OF 22' HDW ±900' NORTH OF PLATO RD.
 ON WEST SIDE IL. RTE. 47
 ELEV. 963.22

BM 2 - "□" IN TOP OF 36" RCP ±1300' SOUTH PLATO RD. EAST SIDE IL. RTE. 47
 ELEV. 971.51



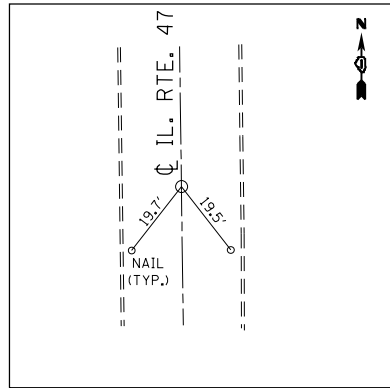
USER NAME = abebawa	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 400,0626' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
 IL. ROUTE 47 AT PLATO RD.**

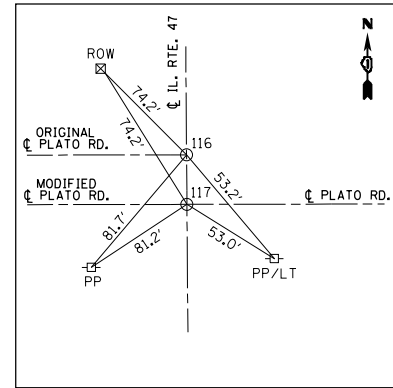
SCALE: 1"=200' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	KANE	107	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F16	



POINT #109

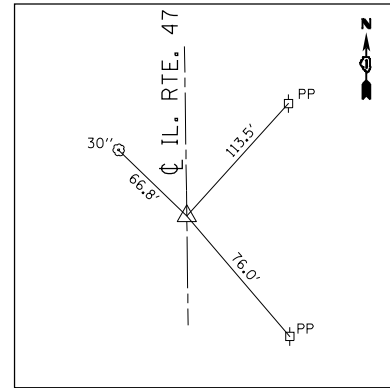
SET MAG NAIL
 N 1947035.44
 E 948777.27
 ELEV.= 969.582
 STA. 473+62.10



POINT #116 & 117

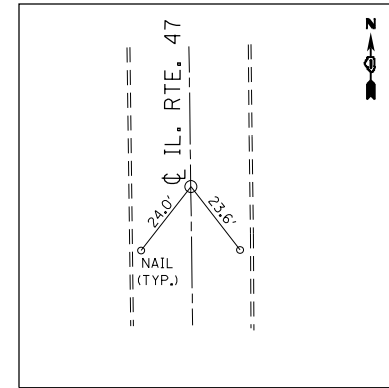
PT# 116
 N 1949673.72
 E 948727.03
 ELEV.= 1010.95
 STA. 200+00

PT# 117
 N 1949672.86
 E 948727.04
 ELEV.= 967.89
 STA. 200+00



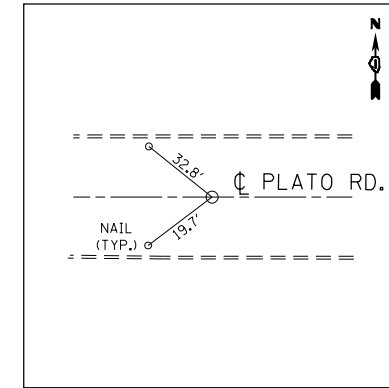
POINT #114 PI

SET MAG NAIL
 N 1951024.32
 E 948701.31
 ELEV. = 965.62
 STA. 513+53.69



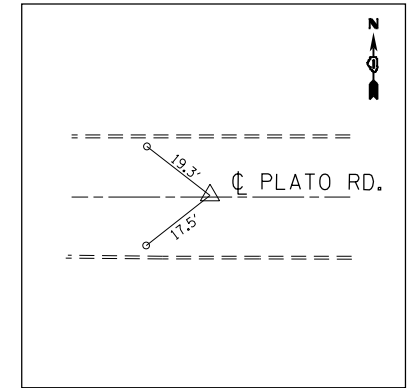
POINT #113

SET MAG NAIL
 N 1952425.10
 E 948700.90
 ELEV.= 965.62
 STA. 527+52.45



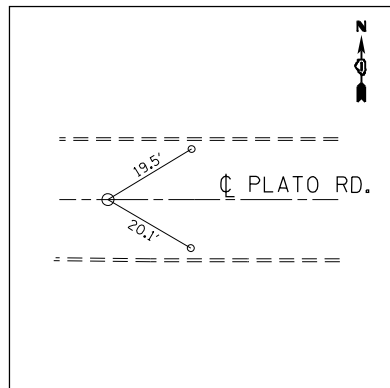
POINT #100

SET MAG NAIL
 N 1949622.80
 E 946873.69
 ELEV.= 1010.19
 STA. 181+45.96



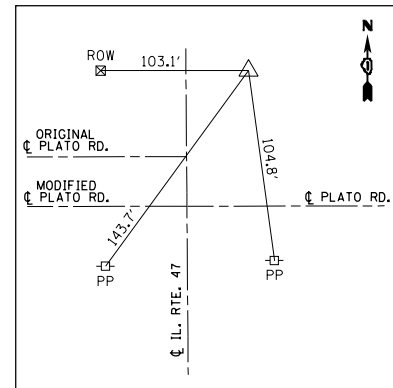
POINT #107 PI

SET MAG NAIL
 N 1949726.94
 E 950327.30
 ELEV.= 931.42
 STA. 216+01.42, 1.20' LT



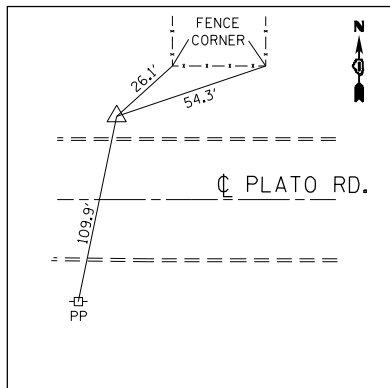
POINT #106

SET MAG NAIL
 N 1949784.54
 E 952697.27
 ELEV.= 931.42
 STA. 239+71.83



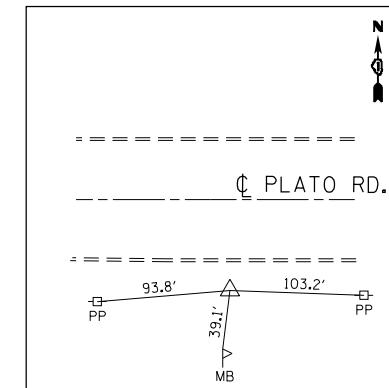
CP-1

SET IRON ROD W/CAP
 N 1949746.7248
 E 948750.2096
 ELEV.= 970.62
 STA. 500+73.4041, 24.568' RT



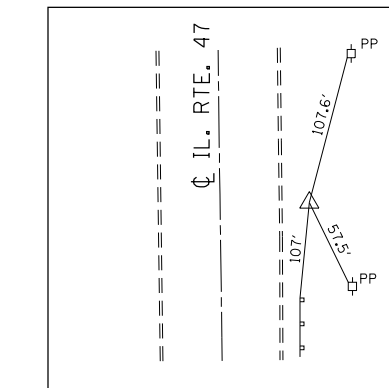
CP-2

SET IRON ROD W/CAP
 N 1949743.4818
 E 949931.0741
 ELEV.= 966.61
 STA. 212+05.7271, 29.9707' LT



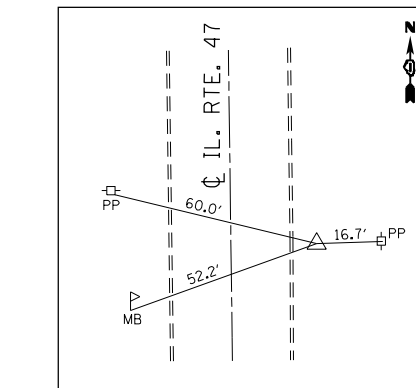
CP-3

SET MAG NAIL
 N 1949619.1528
 E 947528.6588
 ELEV.= 1012.63
 STA. 188+00.77, 15.905' RT



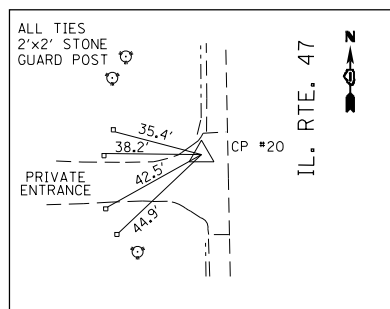
CP-4

SET MAG NAIL
 N 1950853.7868
 E 948724.6951
 ELEV.= 962.97
 STA. 511+80.8713, 19.1187' RT



CP-5

SET IRON ROD W/CAP
 N 1948277.2752
 E 948775.1905
 ELEV.= 974.2034
 STA. 486+03.7452, 21.568' RT



CP-20

MAG NAIL IN ENTRANCE
 N 1948673.9064
 E 948722.3777
 ELEV.= 977.2684
 STA. 490+01.31, 23.68' LT

MODEL: Default
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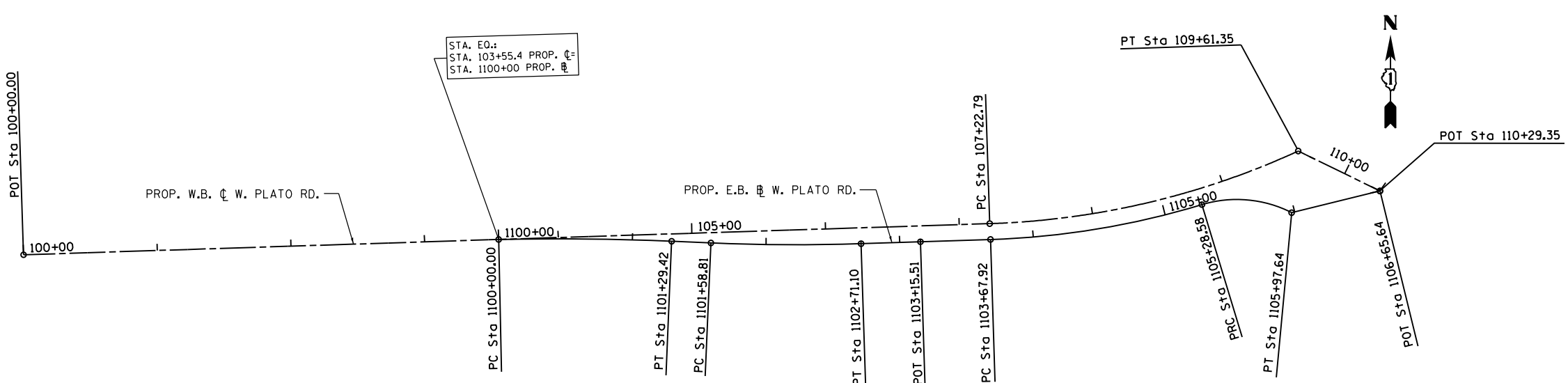
USER NAME = abebawa	DESIGNED -	REVISED -
PLOT SCALE = 400,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/16/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
 IL. ROUTE 47 AT PLATO RD.

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	KANE	107	14
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				



PROP. CURVE P.WPLATO4-1
 PI STA. = 108+43.67
 Δ = 22° 46' 49" (LT)
 D = 9° 32' 57"
 R = 600.00'
 T = 120.87'
 L = 238.55'
 E = 12.05'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 107+22.79
 P.T. STA. = 109+61.35

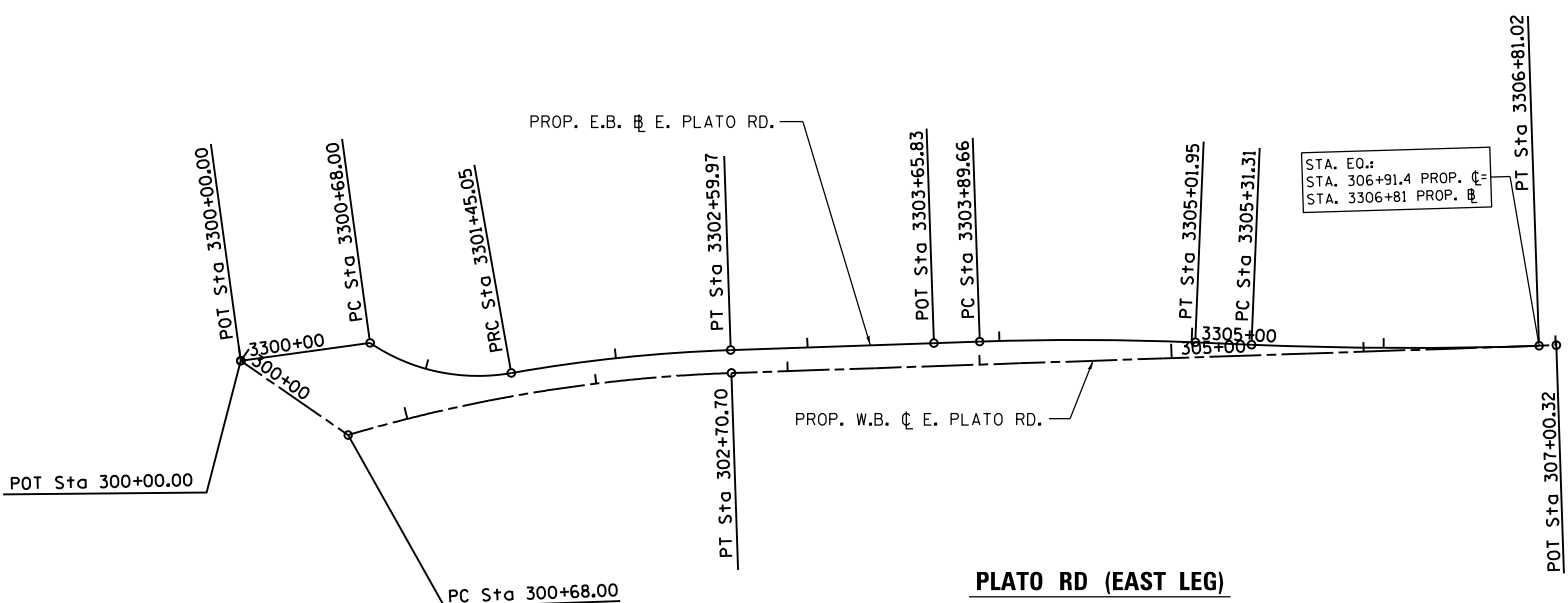
PROP. CURVE P.BL1-1
 PI STA. = 1100+64.73
 Δ = 3° 42' 28" (RT)
 D = 2° 51' 53"
 R = 2,000.00'
 T = 64.73'
 L = 129.42'
 E = 1.05'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1100+00.00
 P.T. STA. = 1101+29.42

PROP. CURVE P.BL1-2
 PI STA. = 1102+14.98
 Δ = 4° 17' 21" (LT)
 D = 3° 49' 11"
 R = 1,500.00'
 T = 56.17'
 L = 112.29'
 E = 1.05'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1101+58.81
 P.T. STA. = 1102+71.10

PROP. CURVE P.BL1-3
 PI STA. = 1104+48.72
 Δ = 15° 02' 28" (LT)
 D = 9° 21' 43"
 R = 612.00'
 T = 80.80'
 L = 160.66'
 E = 5.31'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1103+67.92
 P.T. STA. = 1105+28.58

PROP. CURVE P.BL1-4
 PI STA. = 1105+64.92
 Δ = 43° 57' 54" (RT)
 D = 63° 39' 43"
 R = 90.00'
 T = 36.33'
 L = 69.06'
 E = 7.06'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1105+28.58
 P.T. STA. = 1105+97.64

PLATO RD (WEST LEG)



PROP. CURVE P.EPLATO4-1
 PI STA. = 301+69.90
 Δ = 14° 31' 02" (RT)
 D = 7° 09' 43"
 R = 800.00'
 T = 101.90'
 L = 202.70'
 E = 6.46'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 300+68.00
 P.T. STA. = 302+70.70

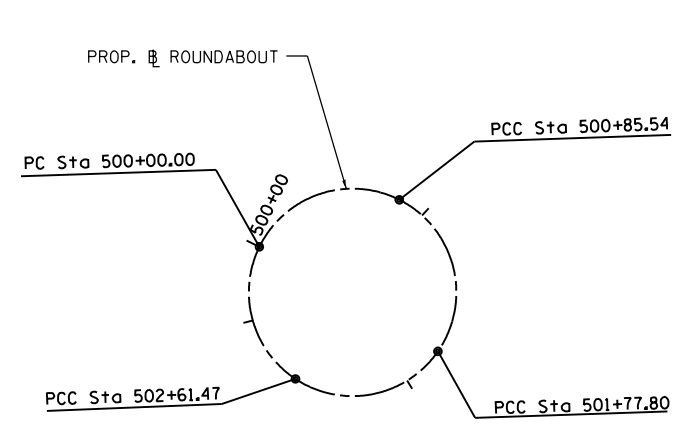
PROP. CURVE P.BL3-1
 PI STA. = 3301+08.55
 Δ = 44° 08' 42" (LT)
 D = 57° 17' 45"
 R = 100.00'
 T = 40.55'
 L = 77.05'
 E = 7.91'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 3300+68.00
 P.T. STA. = 3301+45.05

PROP. CURVE P.BL3-2
 PI STA. = 3302+02.61
 Δ = 8° 06' 33" (RT)
 D = 7° 03' 22"
 R = 812.00'
 T = 57.56'
 L = 114.92'
 E = 2.04'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 3301+45.05
 P.T. STA. = 3302+59.97

PROP. CURVE P.BL3-3
 PI STA. = 3304+45.83
 Δ = 4° 17' 21" (RT)
 D = 3° 49' 11"
 R = 1,500.00'
 T = 56.17'
 L = 112.29'
 E = 1.05'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 3303+89.66
 P.T. STA. = 3305+01.95

PROP. CURVE P.BL3-4
 PI STA. = 3306+06.20
 Δ = 4° 17' 20" (LT)
 D = 2° 51' 53"
 R = 2,000.00'
 T = 74.89'
 L = 149.71'
 E = 1.40'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 3305+31.31
 P.T. STA. = 3306+81.02

PLATO RD (EAST LEG)



CIRCLE

PROP. CURVE P.CIRCL474-1
 PI STA. = 500+54.72
 Δ = 90° 45' 37" (RT)
 D = 106° 06' 12"
 R = 54.00'
 T = 54.72'
 L = 85.54'
 E = 22.88'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 500+00.00
 P.T. STA. = 500+85.54

PROP. CURVE P.CIRCL474-2
 PI STA. = 501+47.54
 Δ = 97° 53' 19" (RT)
 D = 106° 06' 12"
 R = 54.00'
 T = 62.00'
 L = 92.26'
 E = 28.22'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 500+85.54
 P.T. STA. = 501+77.80

PROP. CURVE P.CIRCL474-3
 PI STA. = 502+30.66
 Δ = 88° 46' 51" (RT)
 D = 106° 06' 12"
 R = 54.00'
 T = 52.86'
 L = 83.67'
 E = 21.57'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 501+77.80
 P.T. STA. = 502+61.47

PROP. CURVE P.CIRCL474-4
 PI STA. = 503+08.89
 Δ = 82° 34' 12" (RT)
 D = 106° 06' 12"
 R = 54.00'
 T = 47.42'
 L = 77.82'
 E = 17.86'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 502+61.47
 P.T. STA. = 503+39.29

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USER NAME = abebawa	DESIGNED -	REVISED -
PLOT SCALE = 99.9304' / in.	DRAWN -	REVISED -
PLOT DATE = 8/16/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS	
IL. ROUTE 47 AT PLATO RD.	
SCALE: 1"=50'	SHEET OF SHEETS STA. TO STA.

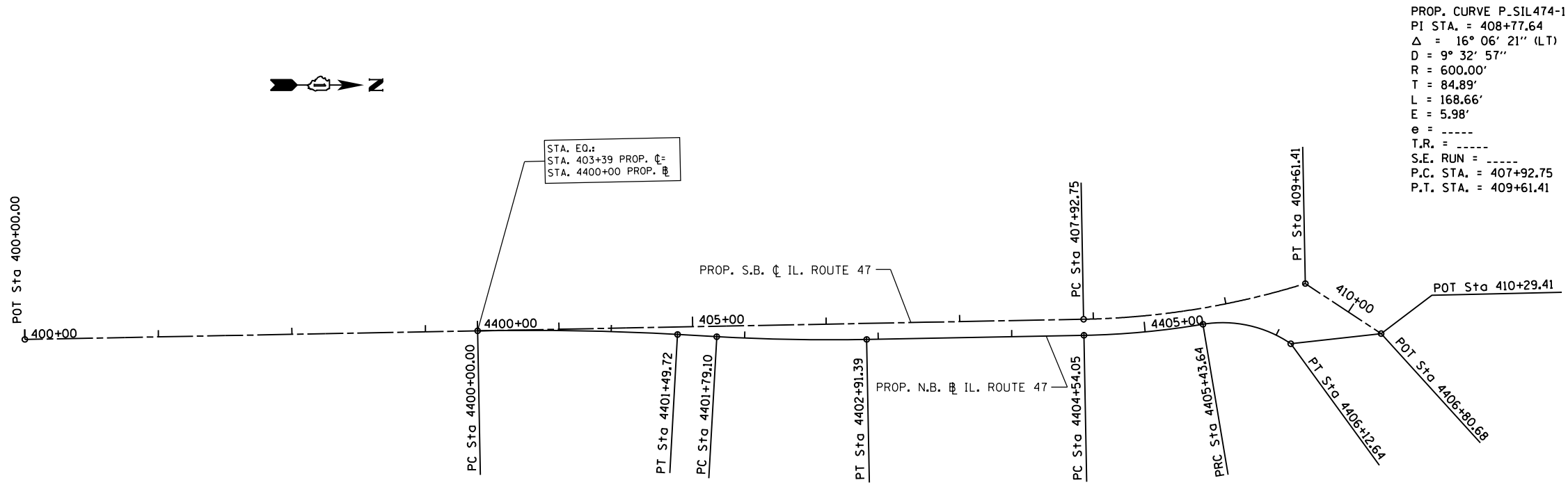
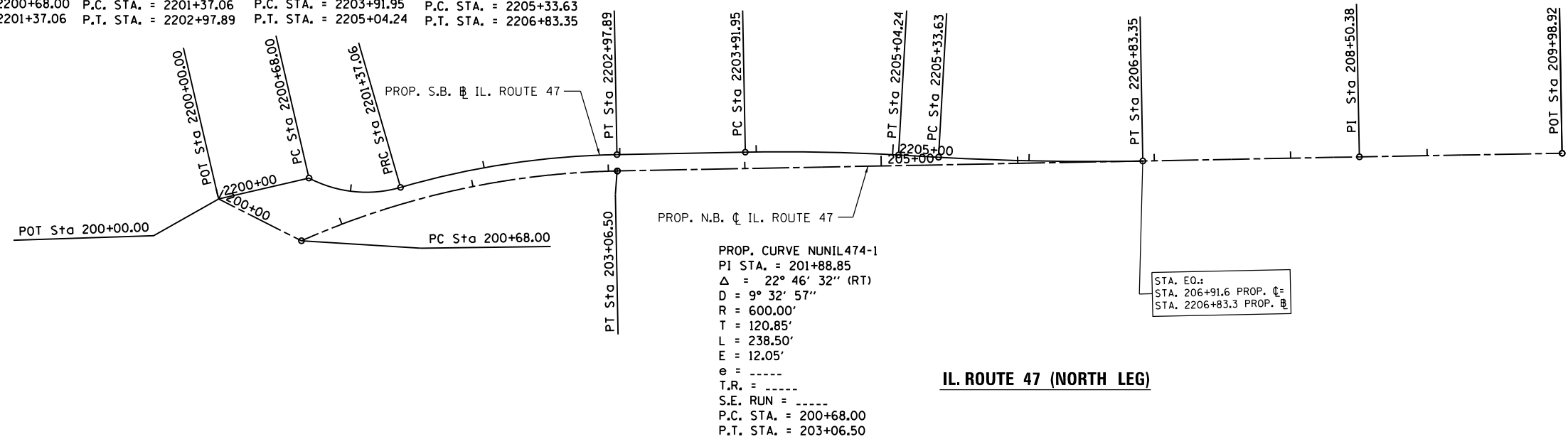
F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F16	

PROP. CURVE P.BL2-1
 PI STA. = 2201+04.33
 $\Delta = 43^\circ 57' 54''$ (LT)
 D = 63° 39' 43"
 R = 90.00'
 T = 36.33'
 L = 69.06'
 E = 7.06'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 2200+68.00
 P.T. STA. = 2201+37.06

PROP. CURVE P.BL2-2
 PI STA. = 2202+17.94
 $\Delta = 15^\circ 03' 24''$ (RT)
 D = 9° 21' 43"
 R = 612.00'
 T = 80.88'
 L = 160.83'
 E = 5.32'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 2201+37.06
 P.T. STA. = 2202+97.89

PROP. CURVE P.BL2-3
 PI STA. = 2204+48.12
 $\Delta = 4^\circ 17' 21''$ (RT)
 D = 3° 49' 11"
 R = 1,500.00'
 T = 56.17'
 L = 112.29'
 E = 1.05'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 2203+91.95
 P.T. STA. = 2205+04.24

PROP. CURVE P.BL2-4
 PI STA. = 2206+08.52
 $\Delta = 4^\circ 17' 21''$ (LT)
 D = 2° 51' 53"
 R = 2,000.00'
 T = 74.89'
 L = 149.72'
 E = 1.40'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 2205+33.63
 P.T. STA. = 2206+83.35



PROP. CURVE P.BL4-1
 PI STA. = 4400+74.89
 $\Delta = 4^\circ 17' 21''$ (RT)
 D = 2° 51' 53"
 R = 2,000.00'
 T = 74.89'
 L = 149.72'
 E = 1.40'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 4400+00.00
 P.T. STA. = 4401+49.72

PROP. CURVE P.BL4-2
 PI STA. = 4402+35.27
 $\Delta = 4^\circ 17' 21''$ (LT)
 D = 3° 49' 11"
 R = 1,500.00'
 T = 56.17'
 L = 112.29'
 E = 1.05'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 4401+79.10
 P.T. STA. = 4402+91.39

PROP. CURVE P.BL4-3
 PI STA. = 4404+98.92
 $\Delta = 8^\circ 23' 14''$ (LT)
 D = 9° 21' 43"
 R = 612.00'
 T = 44.87'
 L = 89.59'
 E = 1.64'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 4404+54.05
 P.T. STA. = 4405+43.64

PROP. CURVE P.BL4-4
 PI STA. = 4405+79.94
 $\Delta = 43^\circ 55' 51''$ (RT)
 D = 63° 39' 43"
 R = 90.00'
 L = 69.01'
 E = 7.04'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 4405+43.64
 P.T. STA. = 4406+12.64

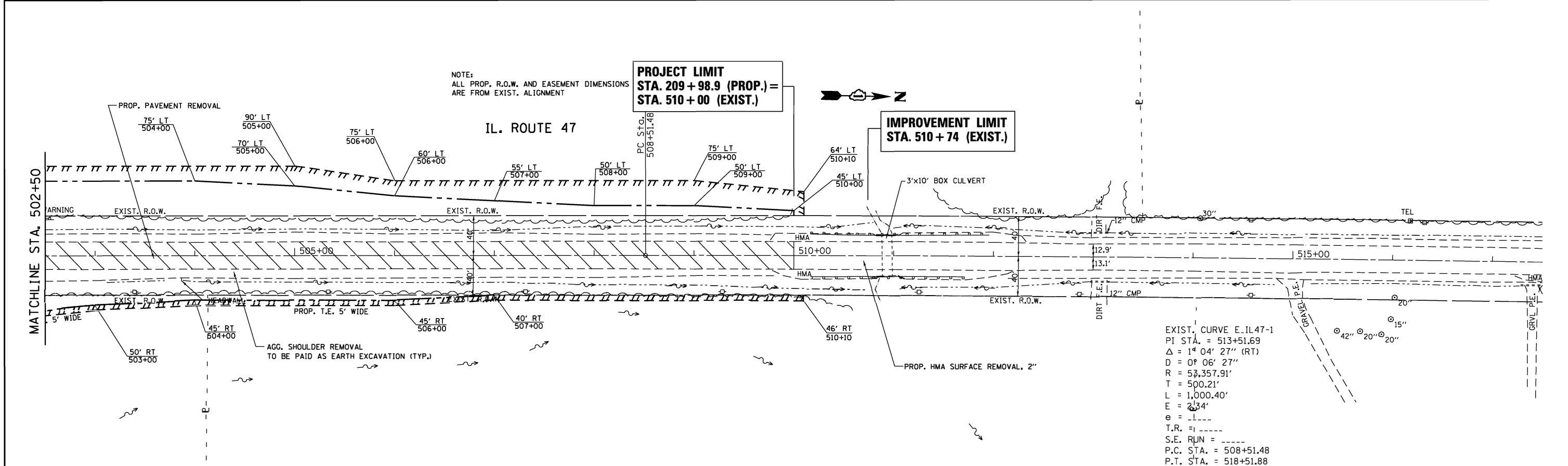
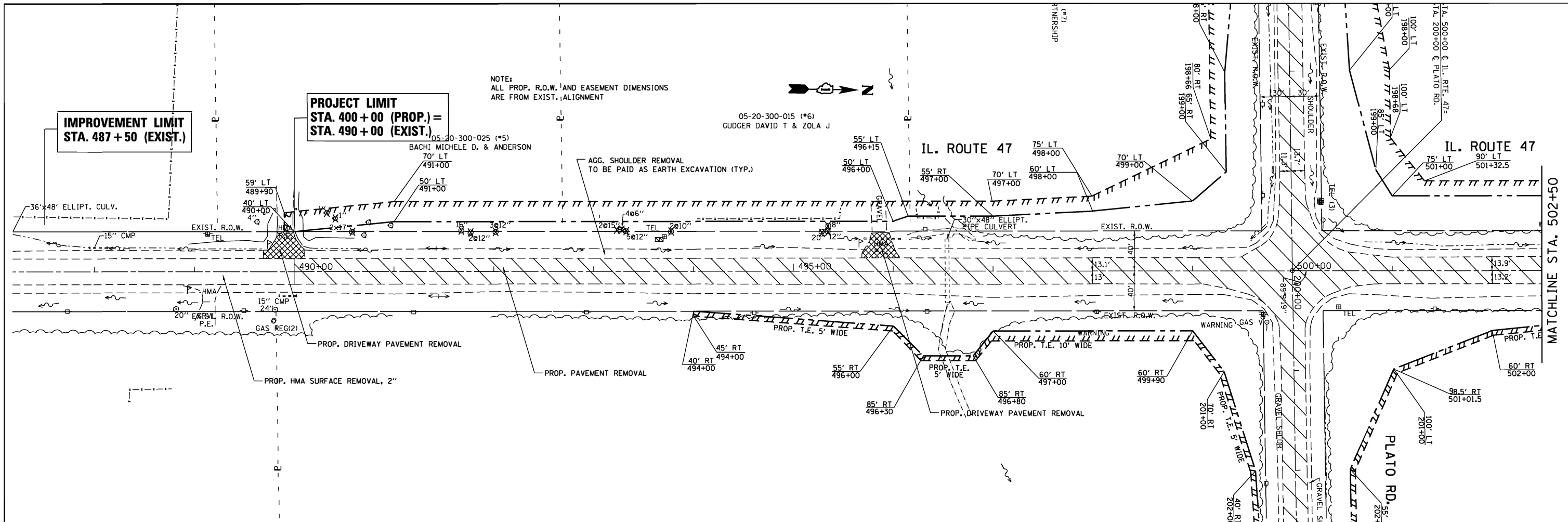
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USER NAME = abebawa	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS	
IL. ROUTE 77 AT PLATO RD.	
SCALE: 1"=50'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. = 326	SECTION = 106X-R-4	COUNTY = KANE	TOTAL SHEETS = 107	SHEET NO. = 16
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE E. IL. 47-1
 PI STA. = 513+51.69
 Δ = 1° 04' 27" (RT)
 D = 0° 06' 27" (RT)
 R = 53,357.91'
 T = 500.21'
 L = 1,000.40'
 E = 2334'
 θ = 1.11
 T.R. = 1.11
 S.E. RUN = 1.11
 P.C. STA. = 508+51.48
 P.T. STA. = 518+51.88

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -
PROJECT DATA	PROJECT DATA	PROJECT DATA	PROJECT DATA
PLOT SCALE = 1/8" = 100'	CHECKED -	REVISED -	REVISED -
PLOT DATE = 8/16/2018	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN			
IL. ROUTE 47 AT PLATO ROAD (PLATO ROAD)			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	KANE	107	17
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				

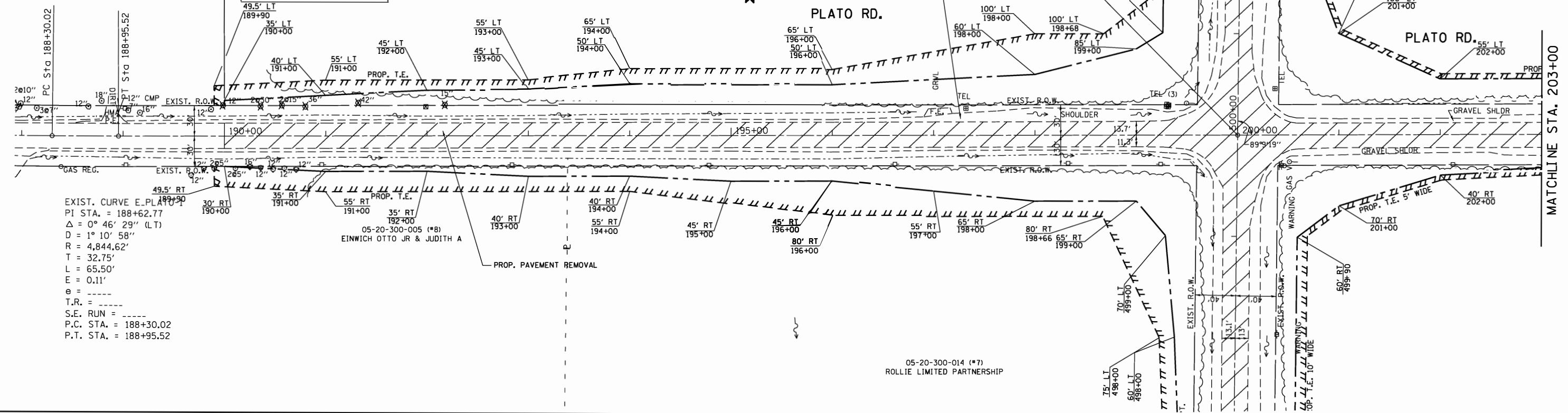
05-20-100-004 (*1)
 (ENTIRE NORTHWEST QUADRANT)
 RAZZAK AKEHTARY TRUSTEE HUMAY

PROJECT LIMIT
 STA. 100+00 (PROP.) =
 STA. 190+00 (EXIST.)

NOTE:
 ALL PROP. R.O.W. AND EASEMENT DIMENSIONS
 ARE FROM EXIST. ALIGNMENT



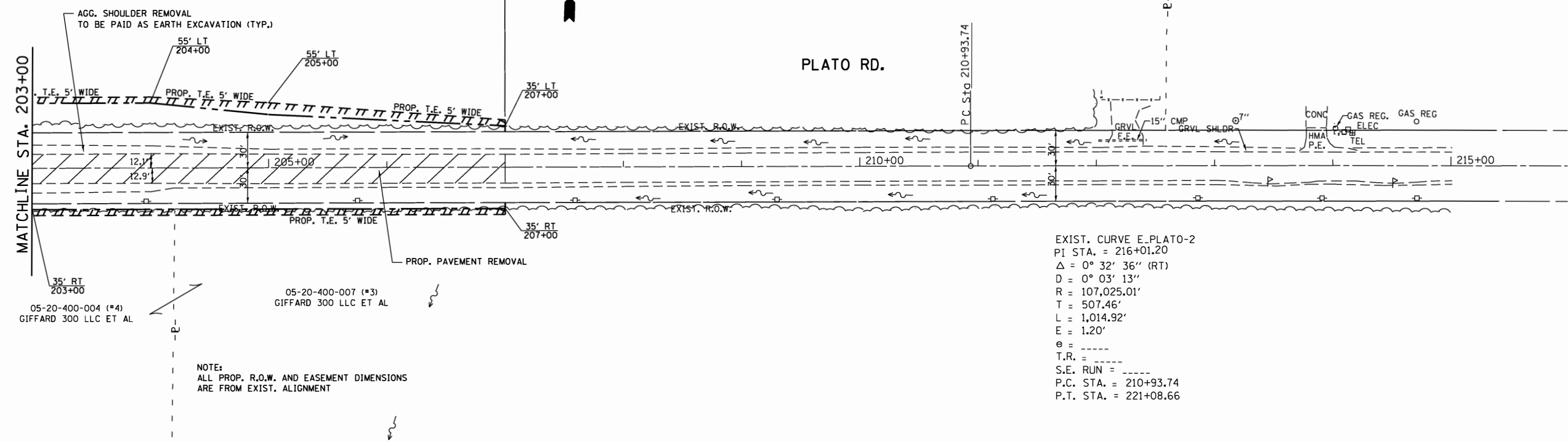
AGG. SHOULDER REMOVAL
 TO BE PAID AS EARTH EXCAVATION (TYP.)
PLATO RD.



PROJECT LIMIT
 STA. 307+00.3 (PROP.) =
 STA. 207+00 (EXIST.)



PLATO RD.



FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -
pw:\IL084EBIDINTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\PI480\Drawings\GAD\Sheets\PI44809-shr-pln-r		CHECKED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
	PLOT DATE = 8/16/2018		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

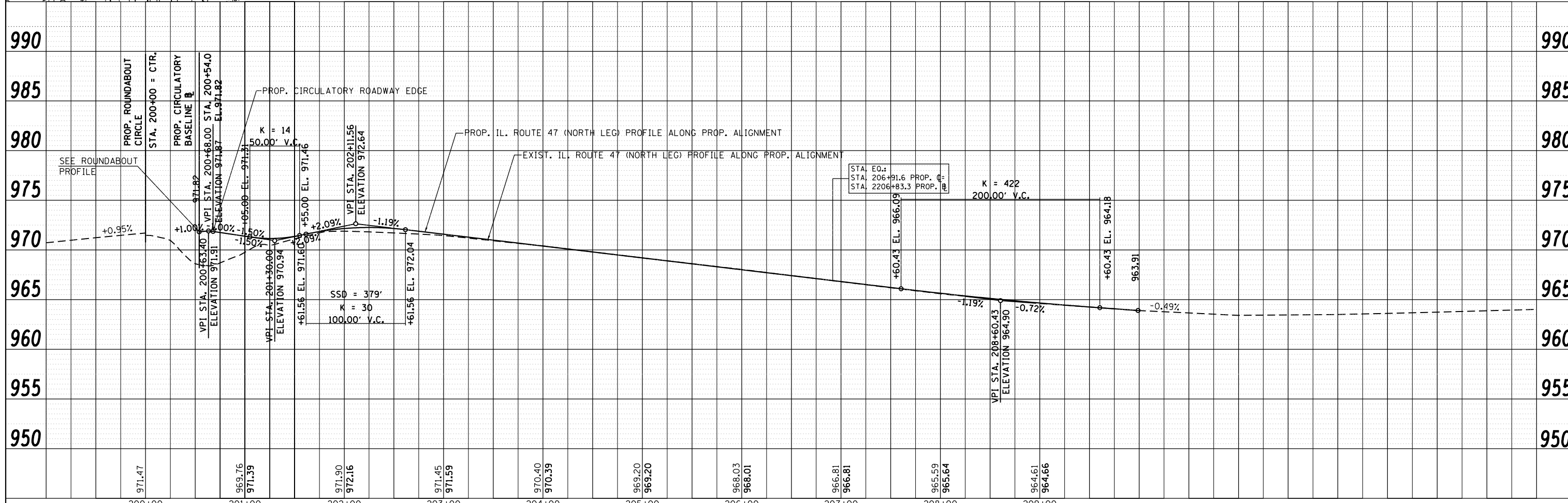
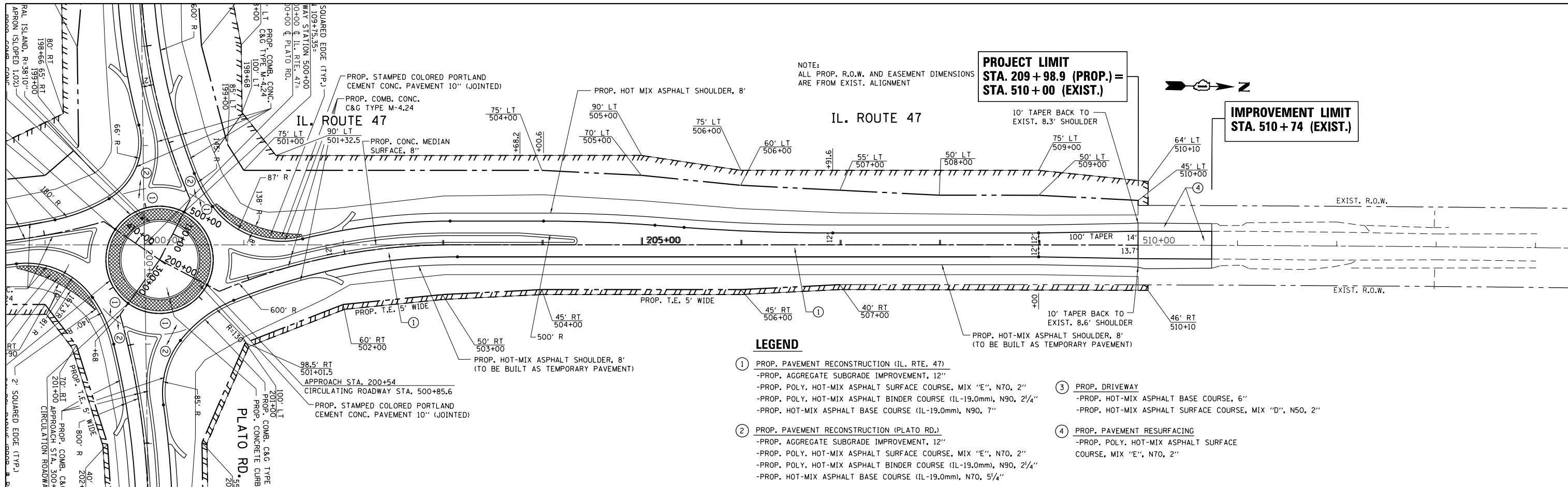
REMOVAL PLAN
IL. ROUTE 47 AT PLATO ROAD (PLATO ROAD)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	KANE	107	18
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

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



971.47	969.76	971.39	971.90	972.16	971.45	971.59	970.40	970.39	969.20	969.20	968.03	968.01	966.81	966.81	965.59	965.64	964.61	964.66	990
200+00	201+00	202+00	203+00	204+00	205+00	206+00	207+00	208+00	209+00										990

DATE	
BY	
PLAN	
SURVEYED	
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NOTE BOOK	
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FILE NAME	

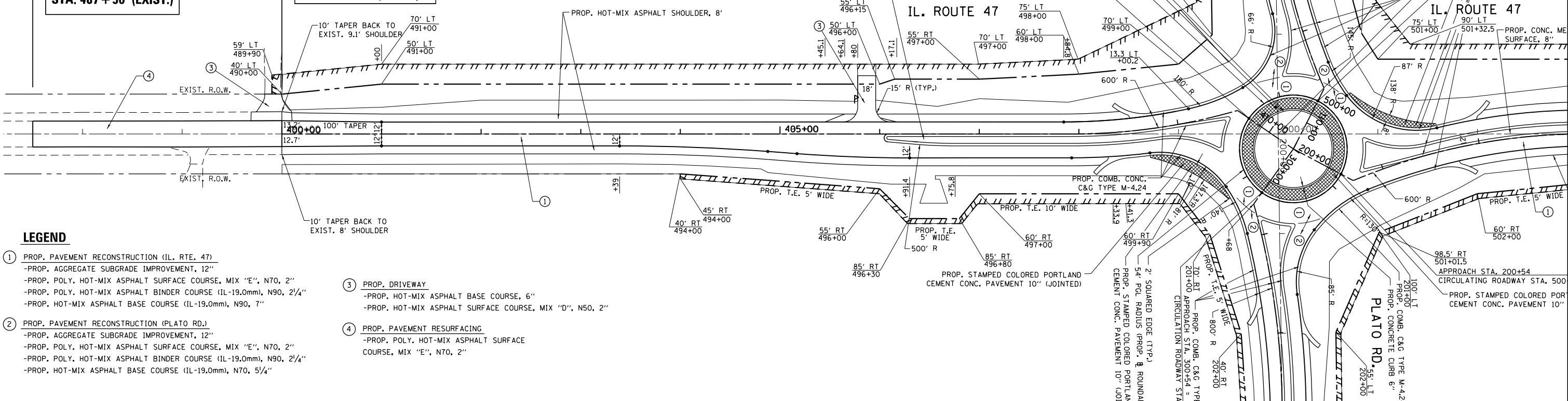
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BY	
PROFILE	
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FILE NAME	

NOTE:
ALL PROP. R.O.W. AND EASEMENT DIMENSIONS
ARE FROM EXIST. ALIGNMENT

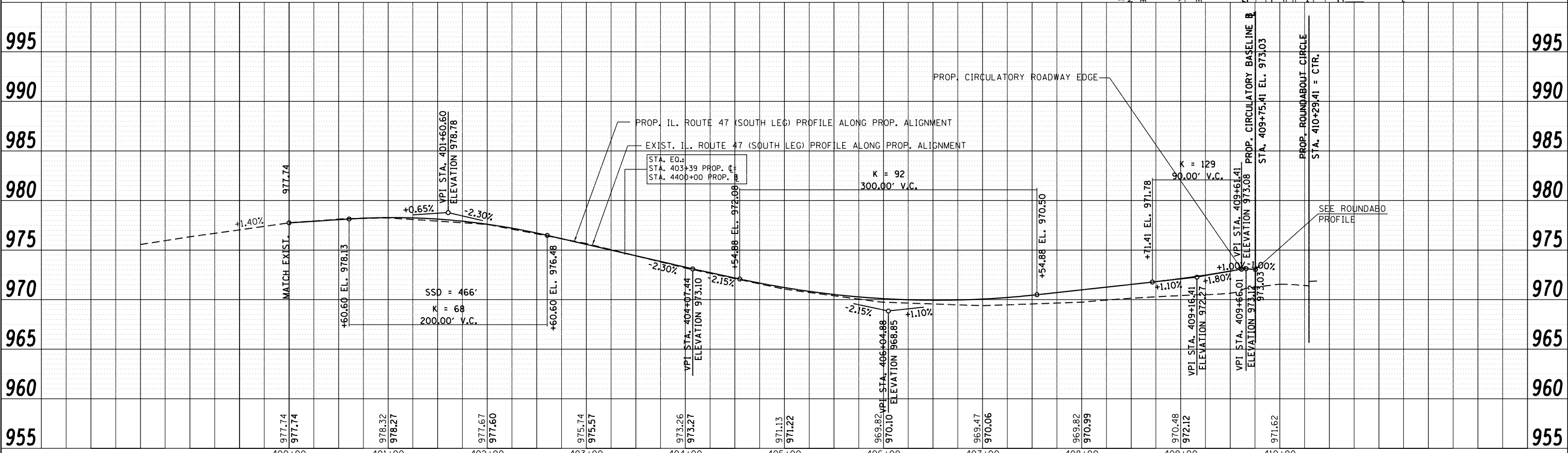


**IMPROVEMENT LIMIT
STA. 487 + 50 (EXIST.)**

**PROJECT LIMIT
STA. 400 + 00 (PROP.) =
STA. 490 + 00 (EXIST.)**



- LEGEND**
- ① PROP. PAVEMENT RECONSTRUCTION (IL. RTE. 47)
 - PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"
 - PROP. POLY. HOT-MIX ASPHALT BINDER COURSE (IL-19.0mm), N90, 2 1/4"
 - PROP. HOT-MIX ASPHALT BASE COURSE (IL-19.0mm), N90, 7"
 - ② PROP. PAVEMENT RECONSTRUCTION (PLATO RD.)
 - PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"
 - PROP. POLY. HOT-MIX ASPHALT BINDER COURSE (IL-19.0mm), N90, 2 1/4"
 - PROP. HOT-MIX ASPHALT BASE COURSE (IL-19.0mm), N70, 5 1/4"
 - ③ PROP. DRIVEWAY
 - PROP. HOT-MIX ASPHALT BASE COURSE, 6"
 - PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
 - ④ PROP. PAVEMENT RESURFACING
 - PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"



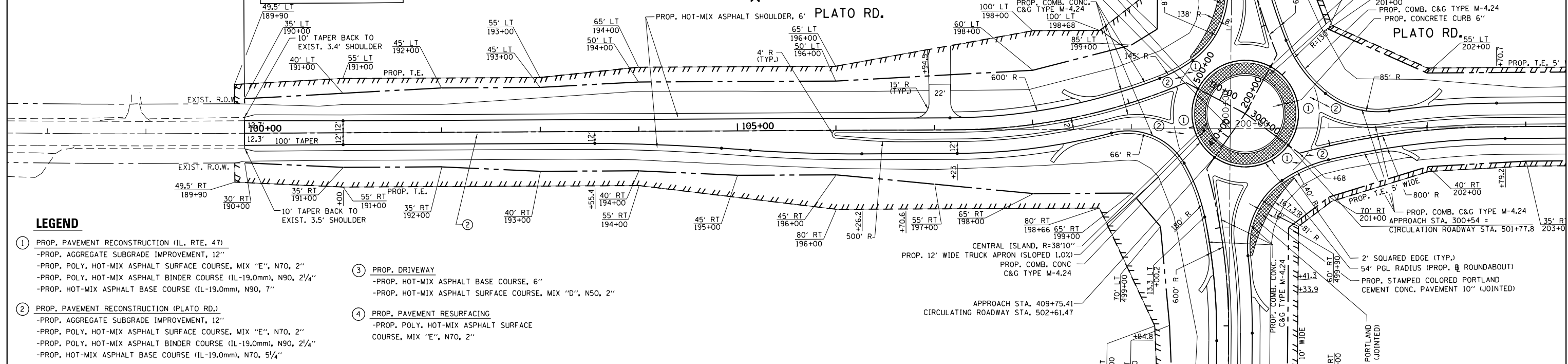
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PLOT SCALE = 1/8" = 1' / in.					CHECKED -	REVISED -	SCALE: 1" = 50'	326	106X-R-4	KANE	107	20
PLOT DATE = 8/24/2018					DATE -	REVISED -	SHEET NO. OF SHEETS	CONTRACT NO. 62F16		ILLINOIS FED. AID PROJECT		
							STA. TO STA.					

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	FILED		
	NO.		

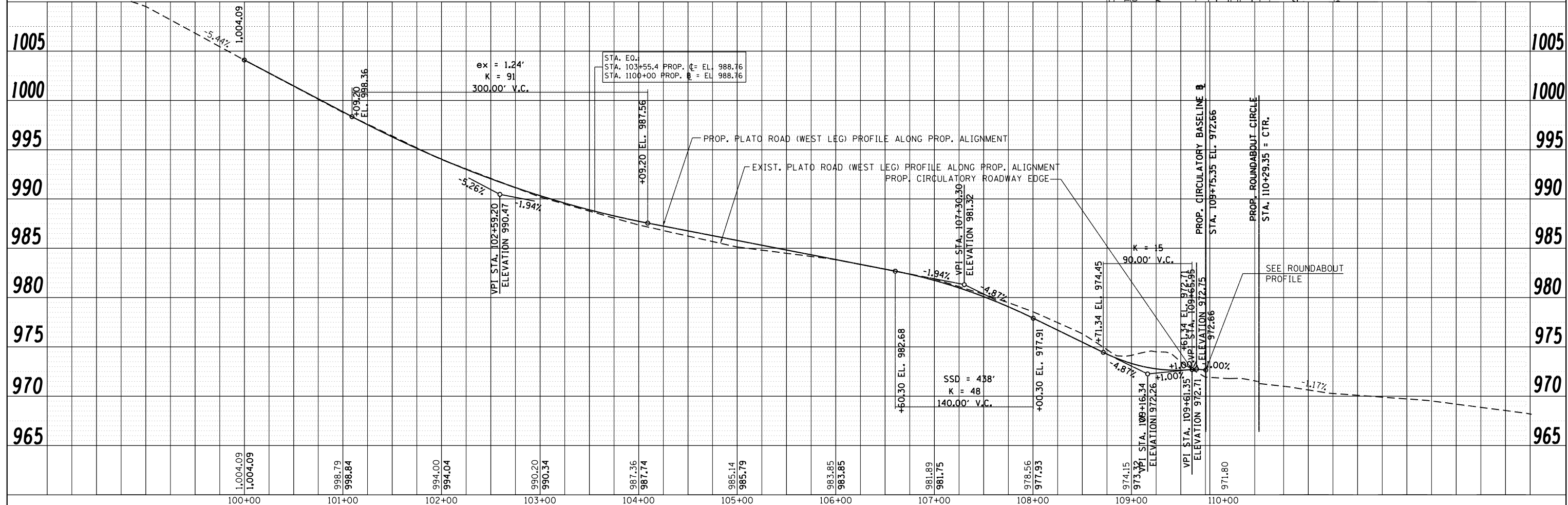
PROJECT LIMIT
STA. 100+00 (PROP.) =
STA. 190+00 (EXIST.)

NOTE:
 ALL PROP. R.O.W. AND EASEMENT DIMENSIONS
 ARE FROM EXIST. ALIGNMENT



LEGEND

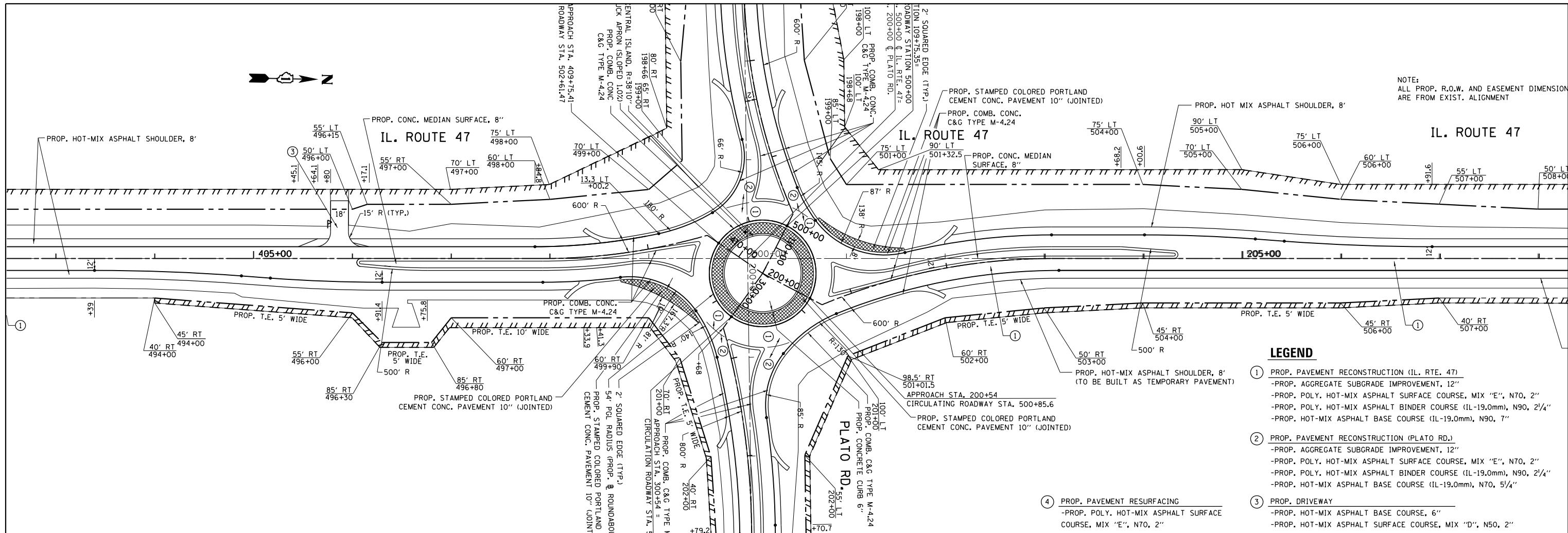
- ① PROP. PAVEMENT RECONSTRUCTION (IL. RTE. 47)
 -PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
 -PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"
 -PROP. POLY. HOT-MIX ASPHALT BINDER COURSE (IL-19.0mm), N90, 2 1/4"
 -PROP. HOT-MIX ASPHALT BASE COURSE (IL-19.0mm), N90, 7"
- ② PROP. PAVEMENT RECONSTRUCTION (PLATO RD.)
 -PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
 -PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"
 -PROP. POLY. HOT-MIX ASPHALT BINDER COURSE (IL-19.0mm), N90, 2 1/4"
 -PROP. HOT-MIX ASPHALT BASE COURSE (IL-19.0mm), N70, 5 1/4"
- ③ PROP. DRIVEWAY
 -PROP. HOT-MIX ASPHALT BASE COURSE, 6"
 -PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- ④ PROP. PAVEMENT RESURFACING
 -PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"



FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN & PROFILE: WEST LEG 100s IL. ROUTE 47 AT PLATO ROAD - (ALONG PROP. ALIGNMENT)				F.A.P. RTE. = 326	SECTION = 106X-R-4	COUNTY = KANE	TOTAL SHEETS = 107	SHEET NO. = 22
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 62F16					
PLOT DATE = 8/24/2018	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT								

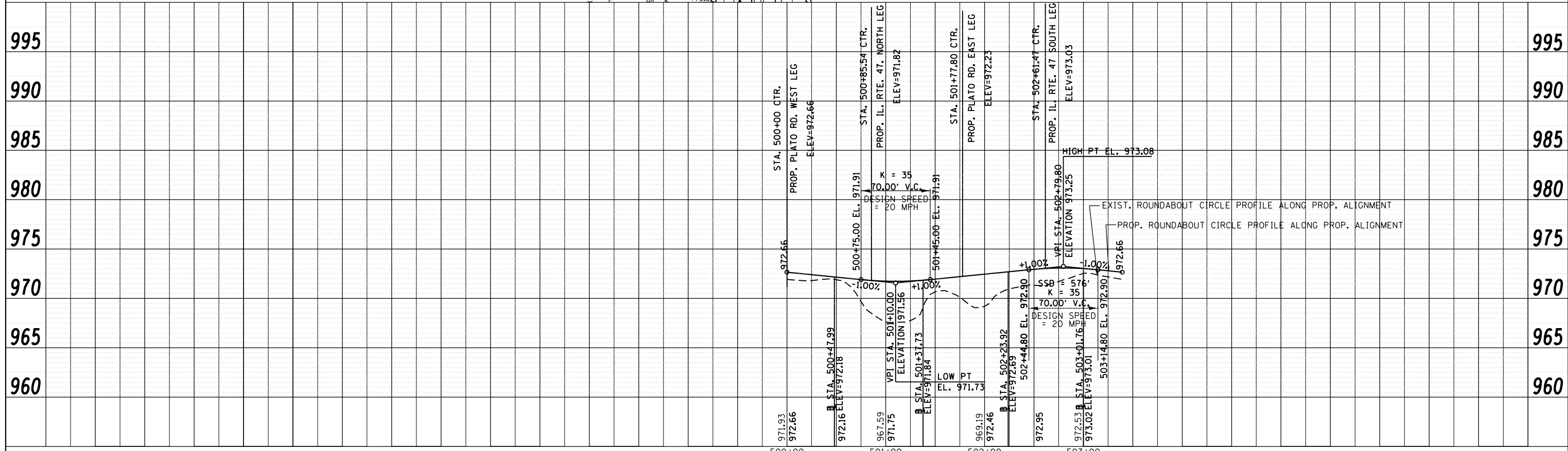
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	FILE NAME	

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



NOTE:
ALL PROP. R.O.W. AND EASEMENT DIMENSIONS
ARE FROM EXIST. ALIGNMENT

- LEGEND**
- ① PROP. PAVEMENT RECONSTRUCTION (IL. RTE. 47)
 - PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"
 - PROP. POLY. HOT-MIX ASPHALT BINDER COURSE (IL-19.0mm), N90, 2 1/4"
 - PROP. HOT-MIX ASPHALT BASE COURSE (IL-19.0mm), N90, 7"
 - ② PROP. PAVEMENT RECONSTRUCTION (PLATO RD.)
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 - PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"
 - PROP. POLY. HOT-MIX ASPHALT BINDER COURSE (IL-19.0mm), N90, 2 1/4"
 - PROP. HOT-MIX ASPHALT BASE COURSE (IL-19.0mm), N70, 5 1/4"
 - ③ PROP. DRIVEWAY
 - PROP. HOT-MIX ASPHALT BASE COURSE, 6"
 - PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
 - ④ PROP. PAVEMENT RESURFACING
 - PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"



FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN & PROFILE			F.A.P. R.T.E. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
PLOT SCALE = 100.0000' / in.					CHECKED -	IL ROUTE 47 AT PLATO ROAD - (CIRCULATORY BASE-LINE)			326	106X-R-4	KANE	107	23
PLOT DATE = 8/24/2018					DATE -	SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 62F16				
									ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC GENERAL NOTES

ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. ALL TEMPORARY PAVEMENT MARKINGS & TRAFFIC CONTROL DEVICES SHALL BE IN PLACE AT THE BEGINNING OF EACH STAGE AND SHALL BE MAINTAINED FOR THE DURATION OF THAT STAGE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

A MINIMUM OF TWO (2) ELEVEN FOOT (11') LANES, ONE IN EACH DIRECTION, SHALL BE KEPT OPEN TO TRAFFIC

ALL PAVEMENT MARKINGS CONFLICTING WITH STAGED TRAFFIC PATTERNS SHALL BE REMOVED. TYPE III MARKING TAPE SHALL BE USED ON THE FINAL WEARING SURFACE OR ON THE EXISTING PAVEMENT TO REMAIN WHEN THE TEMPORARY PAVEMENT MARKING WILL CONFLICT WITH THE PERMANENT PAVEMENT MARKING SUCH AS ON TAPERS OR LANE SHIFTS. PAVEMENT MARKING PAINT SHALL BE USED ON ALL SURFACES TO BE REMOVED OR COVERED WITH SURFACE COURSE.

ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES DURING CONSTRUCTION OPERATIONS WITH THE USE OF AGGREGATE FOR TEMPORARY ACCESS AND/OR BY CONSTRUCTING ONE HALF OF PROPOSED DRIVEWAYS AT A TIME.

PROVIDE TEMPORARY HMA RAMP WEDGE TO TRANSITION THE DIFFERENTIAL ELEVATIONS CAUSED BY STAGED CONSTRUCTION BETWEEN THE NEW CONSTRUCTION AND THE EXISTING PAVEMENT. ANY PAVEMENT DROP-OFFS GREATER THAN 3 INCHES IMMEDIATELY ADJACENT TO TRAFFIC SHALL NOT BE LEFT OVERNIGHT. PROVIDE TEMPORARY HMA RAMP WEDGE OR OTHER MITIGATING MEASURES APPROVED BY THE ENGINEER. THE RAMP WEDGE SHALL USE HMA SURFACE COURSE AND WILL BE PAID FOR WITH THE APPLICABLE MIXTURE TYPE PER TON.

CHANNELIZING DEVICES ARE TO BE PLACED AT SAME LEVEL AS TRAVELING LANE OR SHOULDER PROFILE.

CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. THE REFLECTIVE AREA AND WARNING LIGHT SHALL BE RAISED TO THE ELEVATION ABOVE THE TRAVELING LANE OR SHOULDER PROFILE AS REQUIRED BY STANDARD 701901.

CHANNELIZING DEVICES ARE TO BE PLACED AT THE SAME LEVEL AS SIDE SLOPE PROFILE TO BE FULLY VISIBLE.

DROP-OFFS GREATER THAN 18 IN. SHALL NOT BE EXPOSED TO TRAFFIC FOR GREATER THAN 48 HRS. ADDITIONALLY, PYLONS OF FLASHING LIGHTS SHALL BE PLACED AT DROP-OFFS GREATER THAN 18 IN.

THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS, STATE STANDARDS AND AS DIRECTED BY THE ENGINEER.

TYPE II BARRICADES EQUIPPED WITH MONO-DIRECTIONAL STEADY BURN LIGHTS SHALL BE PLACED ALONG THE ROADWAY AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. TYPE II BARRICADES WITH DIRECTIONAL ARROWS SHALL BE PLACED AT LANE SHIFTS (TAPER SECTIONS) AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER. BARRICADES WITH LEG EXTENSIONS SHALL BE USED WHERE NEEDED TO PROVIDE A MINIMUM DISTANCE OF 36" BETWEEN THE PAVEMENT AND TOP OF BARRICADE. BARRICADES IN TAPER SECTIONS SHALL HAVE DIRECTION INDICATOR PANELS. ALL TYPE II BARRICADES SHALL BE NON-METALLIC.

THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY CHANGES IN STAGING AT LEAST TWO (2) WORKING DAYS IN ADVANCE.

TEMPORARY SIGNING, AS SHOWN, SHALL CONFORM TO THE APPLICABLE STANDARDS INCLUDED IN THE SPECIAL PROVISIONS AND CONTRACT PLANS OR AS DIRECTED BY THE ENGINEER.

ALL "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS.

ROAD NAME PLATES SHALL BE INSTALLED ON "ROAD CONSTRUCTION AHEAD" SIGNS AT INTERSECTIONS SHOWN ON THE PLANS.

EXISTING TRAFFIC CONTROL DEVICES WITHIN THE LIMITS OF CONSTRUCTION, ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGED SIGNS CAUSED BY HIS WORK SHALL BE REPLACED BY THE CONTRACTOR.

TRAFFIC CONTROL DEPICTED ON THE MAINTENANCE OF TRAFFIC PLANS IS THE MINIMUM REQUIREMENT. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER.

MAINTENANCE OF TRAFFIC STAGING NOTES

PRE-STAGE

APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAY-TIME LANE CLOSURES SHALL BE UTILIZED TO PERFORM THE FOLLOING WORK:

- CONSTRUCT TEMPORARY PAVEMENT ALONG WEST OF IL RTE 47 ON THE NORTH AND SOUTH LEG.
- RELOCATION OF UTILITIES
- MAINTAIN DRIVEWAYS AND ENTRANCE ACCESS WITH TEMPORARY ACCESS (EACH)

STAGE I

TRAVEL LANES SHALL REMAIN TO ONE LANE IN EACH DIRECTION AND TRAFFIC SHIFTED TO THE WEST SIDE OF IL ROUTE 47 FOR NORTHBOUND AND SOUTHBOUND TRAFFIC IL RTE. 47 & PLATO ROAD TRAFFIC SHALL BE DETOURED VIA BURLINGTON RD. AND KENDALL RD. SEE DETOUR PLANS FOR DETAILS.

ALL PROPOSED WORK SHALL BE EXECUTED WITHIN THE WORK AREA, THIS INCLUDES, BUT IS NOT LIMITED TO:

1. PERFORM EARTH, PROPOSED DITCH GRADING AND STORM SEWER IN WORK ZONE
2. CONSTRUCT CURB AND GUTTER AND PROPOSED PAVEMENT UP TO BINDER COURSE.
3. CONSTRUCT SIDE ROADS, DRIVEWAYS AND ENTRANCES.

STAGE II

TRAVEL LANES SHALL SHIFTED TO PERMANENT LANES FOR NORTH AND SOUTH SHALL REMAIN ON TEMP. PAVEMENT PLATO ROAD TRAFFIC SHALL BE DETOURED VIA BURLINGTON RD. AND KENDALL RD. SEE DETOUR PLANS FOR DETAILS.

ALL PROPOSED WORK SHALL BE EXECUTED WITHIN THE WORK AREA, THIS INCLUDES, BUT IS NOT LIMITED TO:

1. PERFORM EARTH, PROPOSED DITCH GRADING AND STORM SEWER IN WORK ZONE
2. CONSTRUCT CURB AND GUTTER, MEDIAN AND PROPOSED PAVEMENT UP TO BINDER COURSE.
3. CONSTRUCT SIDE ROADS, DRIVEWAYS AND ENTRANCES.
4. REMOVAL OF TEMPORARY PAVEMENT.

STAGE III

TRAVEL LANES SHALL SHIFTED TO PERMANENT LANES FOR NORTH AND SOUTH BOUND LANES FOR IL RTE. 47 PLATO ROAD TRAFFIC SHALL BE DETOURED VIA BURLINGTON RD. AND KENDALL RD. SEE DETOUR PLANS FOR DETAILS.

ALL PROPOSED WORK SHALL BE EXECUTED WITHIN THE WORK AREA, THIS INCLUDES, BUT IS NOT LIMITED TO:

1. PERFORM EARTH, PROPOSED DITCH GRADING AND STORM SEWER IN WORK ZONE
2. CONSTRUCT CURB AND GUTTER, MEDIAN AND PROPOSED PAVEMENT UP TO BINDER COURSE.
3. CONSTRUCT SIDE ROADS, DRIVEWAYS AND ENTRANCES.
4. REMOVAL OF TEMPORARY PAVEMENT.

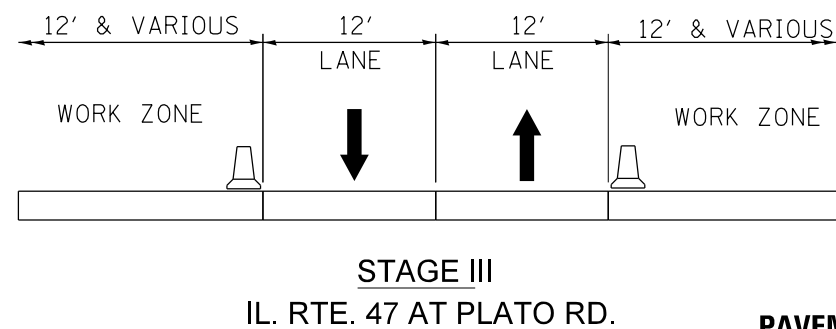
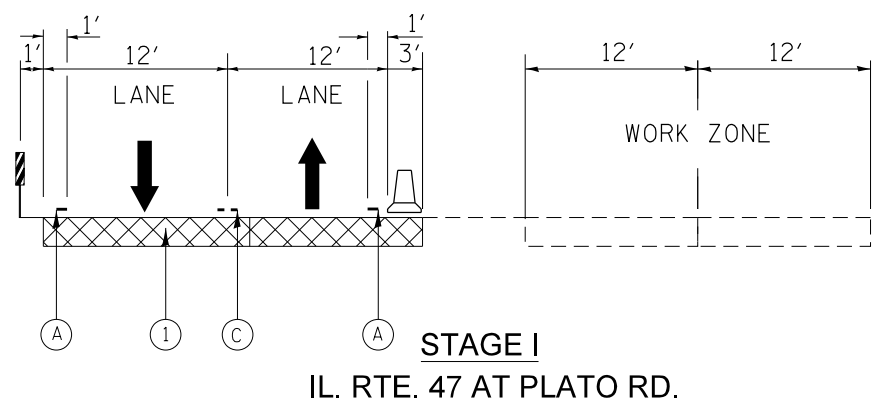
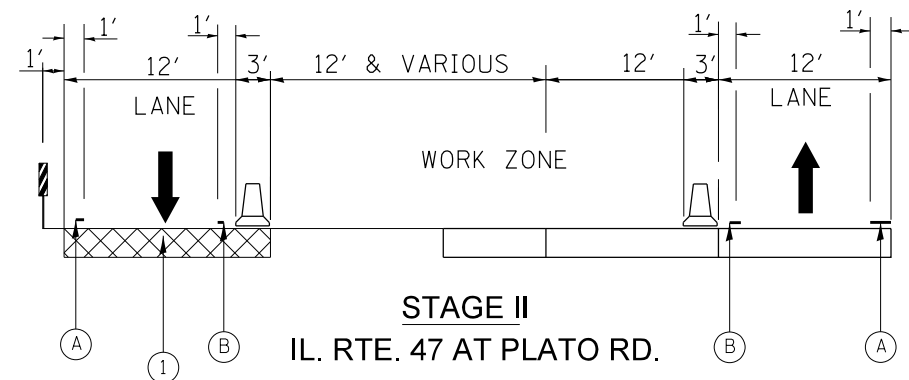
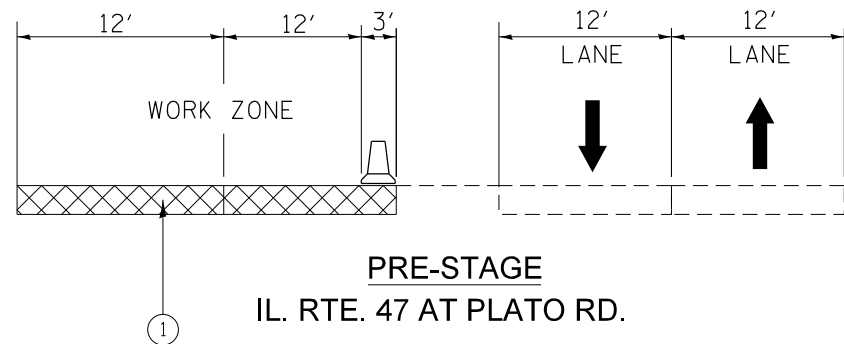
STAGE IV (NOT SHOWN ON MAINTENANCE OF TRAFFIC PLAN SHEETS)

TRAFFIC SHALL BE SHIFTED TO THE PERMANENT LANES OF TRAVEL. WET REFLECTIVE TEMPORARY TAPE FOR STAGE III SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL". SHORT TERM PAVEMENT MARKINGS SHALL BE USED DURING THIS STAGE AND SHALL BE PLACED ACCORDING TO THE FINAL PAVEMENT MARKING PLAN OR AS DIRECTED BY THE ENGINEER.

ALL REMAINING PROPOSED WORK SHALL BE COMPLETED DURING THIS STAGE. THIS INCLUDES, BUT IS NOT LIMITED TO:

- PLACEMENT OF HMA SURFACE COURSE WITHIN THE ENTIRE PROJECT LIMITS
- INSTALLATION OF PROPOSED LANDSCAPING THROUGHOUT PROJECT LIMITS
- INSTALLATION OF PROPOSED ROADWAY SIGNS
- INSTALLATION OF PROPOSED THERMOPLASTIC PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS (WHERE APPLICABLE)

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED - FT 8-3-2016	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINT. OF TRAFFIC NOTES AND SUGGESTED CONSTRUCTION SEQUENCE IL. ROUTE 47 AT PLATO ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 8/17/2018	DATE -	REVISED -			CONTRACT NO. 62F16					
						ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET	OF	SHEETS	STA. TO STA.	



PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING. TAPE , TYPE IV, 4" (WHITE)
- (B) PAVEMENT MARKING. TAPE , TYPE IV, 4" (YELLOW)
- (C) PAVEMENT MARKING. TAPE , TYPE IV, 4" (DOUBLE YELLOW) @ 11" C-C W/TEMP. RAISED REFLECTIVE PAV'T MARKINGS
- (D) PAVEMENT MARKING. TAPE , TYPE IV, 4" (SKIP YELLOW)
- (E) PAVEMENT MARKING. TAPE , TYPE IV, 6" (WHITE)
- (F) PAVEMENT MARKING. TAPE , TYPE IV, 12" (YELLOW)
- (G) PAVEMENT MARKING. TAPE , TYPE IV, 24" (WHITE)
- (H) PAVEMENT MARKING. TAPE , TYPE IV- LETTERS AND SYMBOLS

1 TEMPORARY PAVEMENT

OPTION 1

- 10" FULL DEPTH TEMPORARY HMA PAVEMENT
- 2" HMA SURFACE COURSE, MIX "D", N70
- 8" HMA BINDER COURSE, IL-19.0, N70
- 4" SUBBASE GRANULAR MATERIAL TYPE B (CA-6)

OPTION 2

- 8" TEMPORARY PCC PAVEMENT
- 4" SUBBASE GRANULAR MATERIAL TYPE B (CA-6)

NOTE:

" PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENT OF ART. 1020 OF THE STANDARD SPECIFICATION; THICKNESS SHALL BE 8" AND TEMPORARY P.C.C PAVEMENT DOES NOT REQUIRE DOWEL BARS."

LEGEND

- TYPE II BARRICADES OR DRUMS
50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- DOUBLE VERTICAL PANELS
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT
- TEMPORARY PAVEMENT

COMPANY NAME: \$COMPANY_NAME\$
 PROJECT CONTACT: \$PROJECT_CONTACT\$
 DATE PLOTTED: 8/17/2018 7:05:27 AM
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 PLOT DRIVER: \$PLOT_DRIVER\$
 PEN TABLE: \$PEN_TABLE\$

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PLOT SCALE = 100.0841' / in.	CHECKED - \$CHECKER\$	REVISED - \$REV3\$	\$REV3DATE\$
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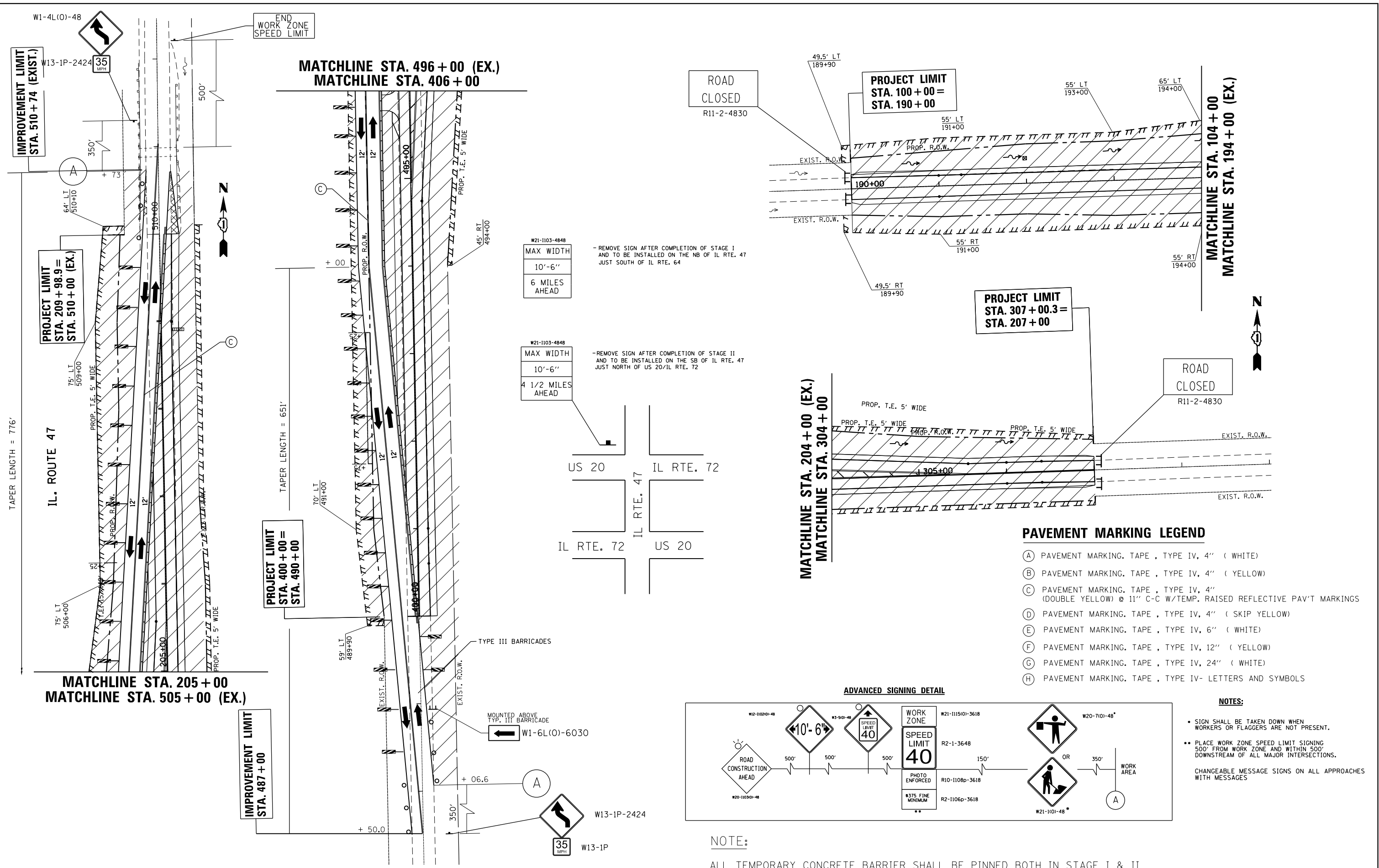
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE. 47 AT PLATO RD.
CONSTRUCTION STAGING: TYPICAL SECTION

SCALE: 100.0841' / SHEET NO \$JECH2\$ TECH3 \$SHEETS TO STA. \$TITLE4\$ TO STA. \$TITLE5\$

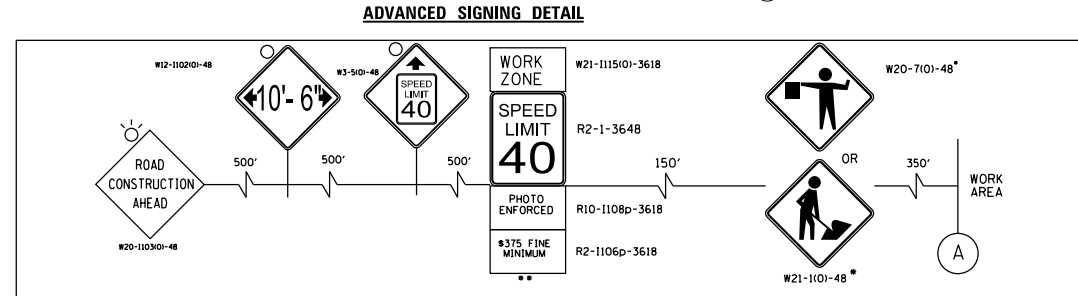
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CONTRACT NO. 62F16				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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- PAVEMENT MARKING LEGEND**
- (A) PAVEMENT MARKING, TAPE, TYPE IV, 4" (WHITE)
 - (B) PAVEMENT MARKING, TAPE, TYPE IV, 4" (YELLOW)
 - (C) PAVEMENT MARKING, TAPE, TYPE IV, 4" (DOUBLE YELLOW) @ 11" C-C W/TEMP. RAISED REFLECTIVE PAV'T MARKINGS
 - (D) PAVEMENT MARKING, TAPE, TYPE IV, 4" (SKIP YELLOW)
 - (E) PAVEMENT MARKING, TAPE, TYPE IV, 6" (WHITE)
 - (F) PAVEMENT MARKING, TAPE, TYPE IV, 12" (YELLOW)
 - (G) PAVEMENT MARKING, TAPE, TYPE IV, 24" (WHITE)
 - (H) PAVEMENT MARKING, TAPE, TYPE IV- LETTERS AND SYMBOLS

- NOTES:**
- SIGN SHALL BE TAKEN DOWN WHEN WORKERS OR FLAGGERS ARE NOT PRESENT.
 - PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.
- CHANGEABLE MESSAGE SIGNS ON ALL APPROACHES WITH MESSAGES



NOTE:
 ALL TEMPORARY CONCRETE BARRIER SHALL BE PINNED BOTH IN STAGE I & II

USER NAME = abeowa	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0407' / 1in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -












**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL RTE. 47 AT PLATO RD.
 CONSTRUCTION STAGING: STAGE I**

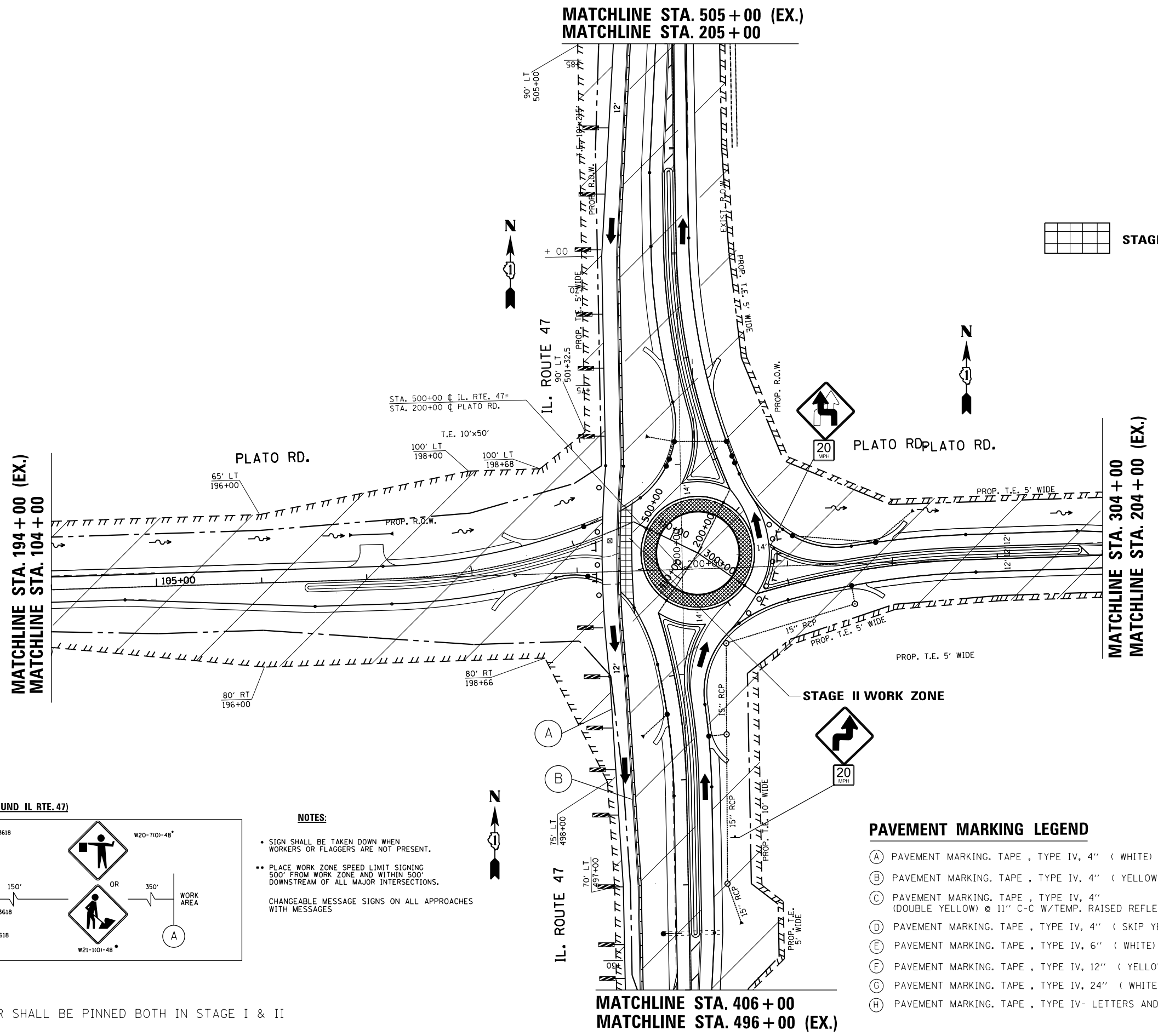
SCALE: SHEET OF SHEETS STA. TO STA.

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CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				

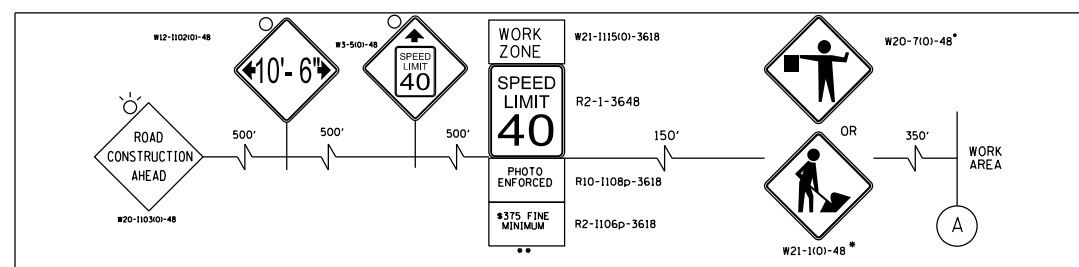
LEGEND:

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  MAINTENANCE OF TRAFFIC SIGN
-  TEMPORARY CONCRETE BARRIER W/TYPE C CRYSTAL DOUBLE SIDED MARKERS
-  TYPE II BARRICADES OR DRUMS
-  50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
-  TEMPORARY PAVEMENT
-  DOUBLE VERTICAL PANEL (50'C-C, 25' ON CURVES, 20' ON TAPERS)
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
-  TEMPORARY CONCRETE BARRIER

 **STAGE II WORK ZONE**



ADVANCED SIGNING DETAIL (SOUTH BOUND IL RTE. 47)



NOTE:

ALL TEMPORARY CONCRETE BARRIER SHALL BE PINNED BOTH IN STAGE I & II

NOTES:

- SIGN SHALL BE TAKEN DOWN WHEN WORKERS OR FLAGGERS ARE NOT PRESENT.
 - PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.
- CHANGEABLE MESSAGE SIGNS ON ALL APPROACHES WITH MESSAGES

PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING. TAPE, TYPE IV, 4" (WHITE)
- (B) PAVEMENT MARKING. TAPE, TYPE IV, 4" (YELLOW)
- (C) PAVEMENT MARKING. TAPE, TYPE IV, 4" (DOUBLE YELLOW) @ 11" C-C W/TEMP. RAISED REFLECTIVE PAV'T MARKINGS
- (D) PAVEMENT MARKING. TAPE, TYPE IV, 4" (SKIP YELLOW)
- (E) PAVEMENT MARKING. TAPE, TYPE IV, 6" (WHITE)
- (F) PAVEMENT MARKING. TAPE, TYPE IV, 12" (YELLOW)
- (G) PAVEMENT MARKING. TAPE, TYPE IV, 24" (WHITE)
- (H) PAVEMENT MARKING. TAPE, TYPE IV- LETTERS AND SYMBOLS

MODEL: Default
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PLOT DATE = 9/20/2018	DATE -	REVISED -

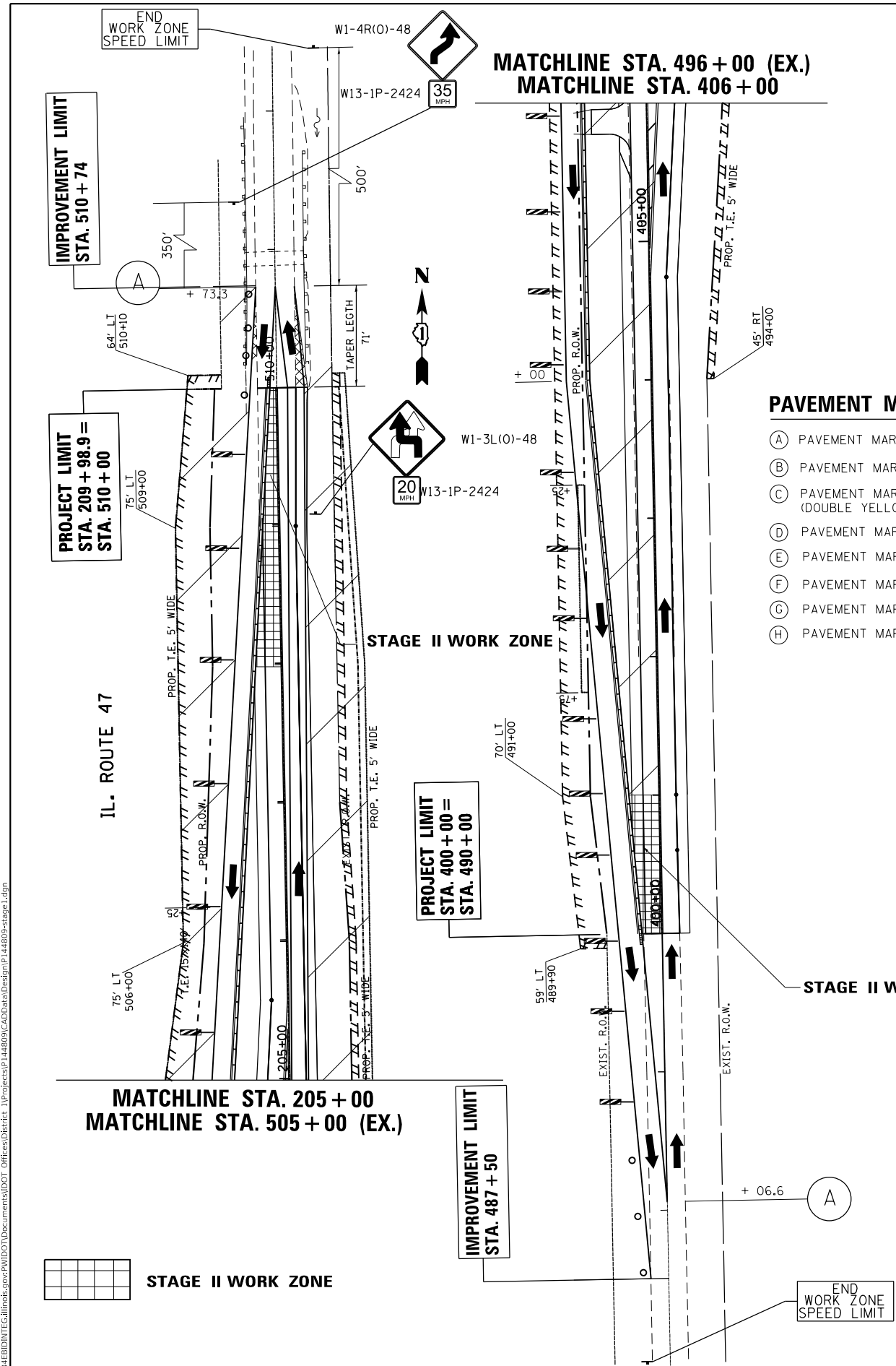
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL RTE. 47 AT PLATO RD. CONSTRUCTION STAGING: STAGE II			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	KANE	107	30
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				

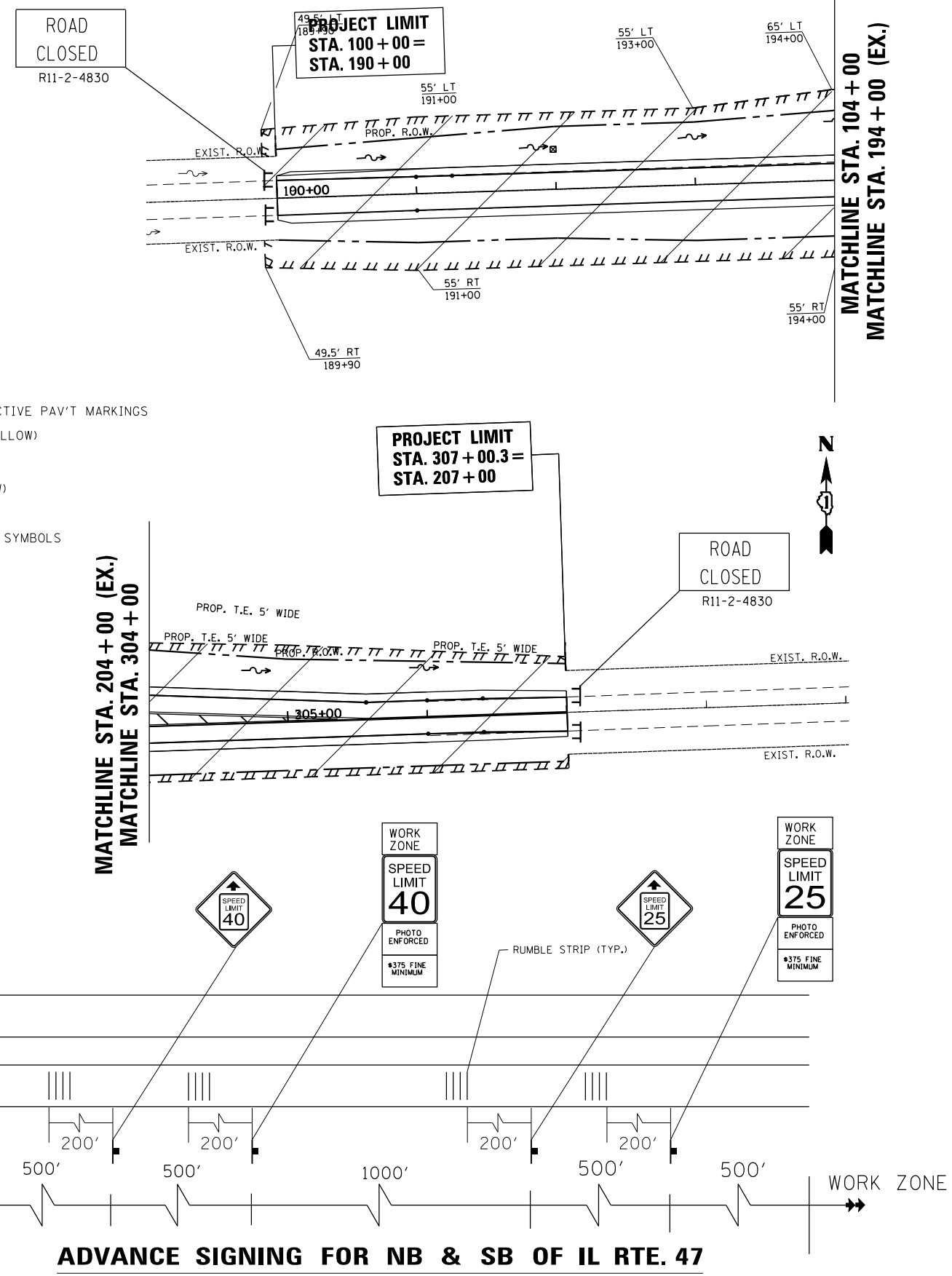
NOTE:

ALL TEMPORARY CONCRETE BARRIER SHALL BE PINNED BOTH IN STAGE I & II



PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING. TAPE , TYPE IV, 4" (WHITE)
- (B) PAVEMENT MARKING. TAPE , TYPE IV, 4" (YELLOW)
- (C) PAVEMENT MARKING. TAPE , TYPE IV, 4" (DOUBLE YELLOW) @ 11" C-C W/TEMP. RAISED REFLECTIVE PAV'T MARKINGS
- (D) PAVEMENT MARKING. TAPE , TYPE IV, 4" (SKIP YELLOW)
- (E) PAVEMENT MARKING. TAPE , TYPE IV, 6" (WHITE)
- (F) PAVEMENT MARKING. TAPE , TYPE IV, 12" (YELLOW)
- (G) PAVEMENT MARKING. TAPE , TYPE IV, 24" (WHITE)
- (H) PAVEMENT MARKING. TAPE , TYPE IV- LETTERS AND SYMBOLS



MODEL: R148809
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USER NAME = abebawa	DESIGNED -	REVISED -
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PLOT DATE = 8/17/2018	CHECKED -	REVISED -
	DATE -	REVISED -

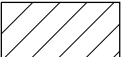


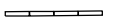






**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE. 47 AT PLATO RD.
CONSTRUCTION STAGING: STAGE II**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 31
				CONTRACT NO. 62F16
ILLINOIS FED. AID PROJECT				

LEGEND:

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  MAINTENANCE OF TRAFFIC SIGN
-  TEMPORARY CONCRETE BARRIER
W/TYPE C CRYSTAL DOUBLE SIDED MARKERS
-  TYPE II BARRICADES OR DRUMS
-  50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
TEMPORARY PAVEMENT
-  DOUBLE VERTICAL PANEL
(50'C-C, 25' ON CURVES, 20' ON TAPERS)
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
-  TEMPORARY CONCRETE BARRIER

PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING. TAPE , TYPE IV, 4" (WHITE)
- (B) PAVEMENT MARKING. TAPE , TYPE IV, 4" (YELLOW)
- (C) PAVEMENT MARKING. TAPE , TYPE IV, 4" (DOUBLE YELLOW) @ 11" C-C W/TEMP. RAISED REFLECTIVE PAV'T MARKINGS
- (D) PAVEMENT MARKING. TAPE , TYPE IV, 4" (SKIP YELLOW)
- (E) PAVEMENT MARKING. TAPE , TYPE IV, 6" (WHITE)
- (F) PAVEMENT MARKING. TAPE , TYPE IV, 12" (YELLOW)
- (G) PAVEMENT MARKING. TAPE , TYPE IV, 24" (WHITE)
- (H) PAVEMENT MARKING. TAPE , TYPE IV- LETTERS AND SYMBOLS

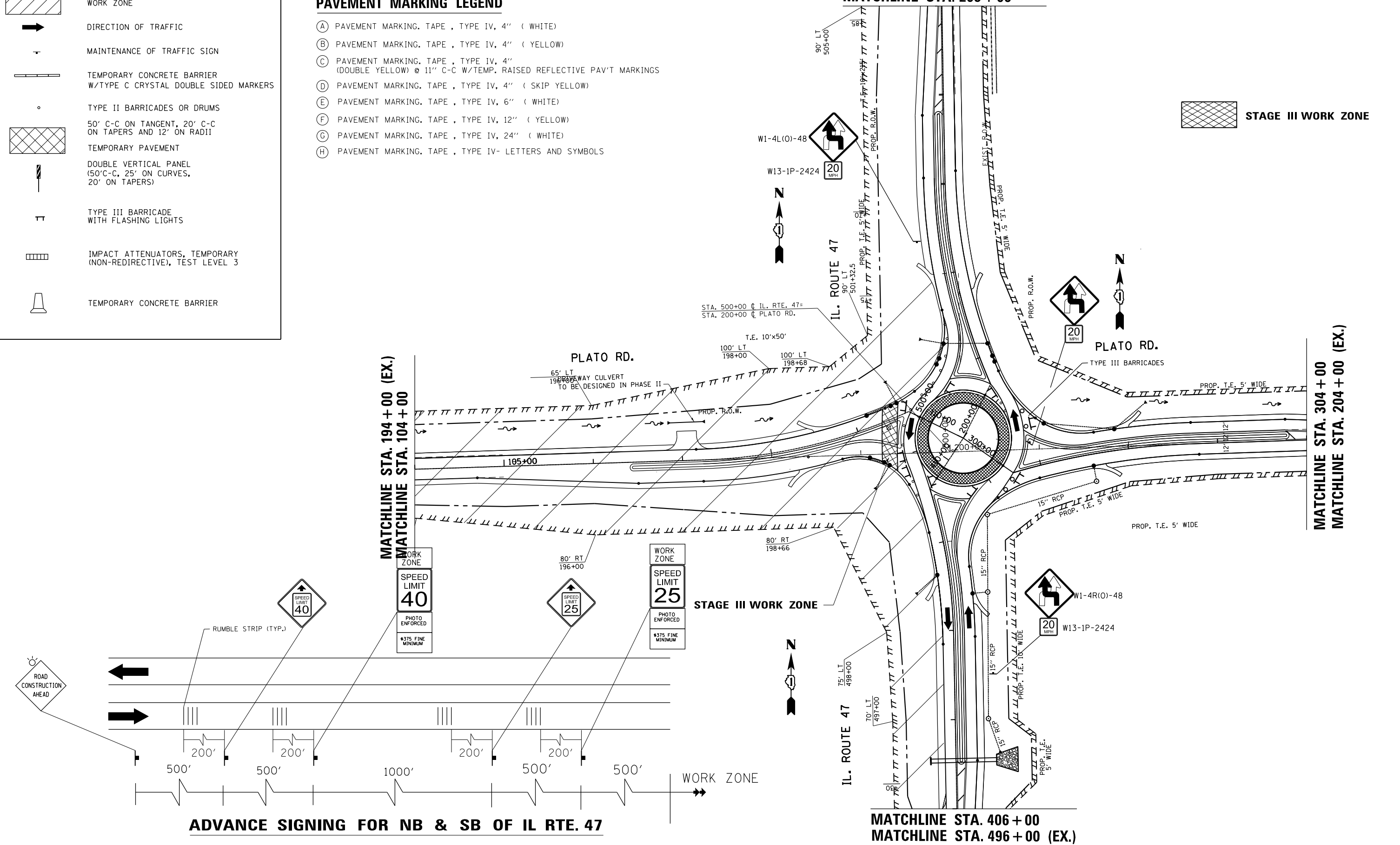
MATCHLINE STA. 505 + 00 (EX.)
MATCHLINE STA. 205 + 00

 STAGE III WORK ZONE

MATCHLINE STA. 194 + 00 (EX.)
MATCHLINE STA. 104 + 00

MATCHLINE STA. 304 + 00
MATCHLINE STA. 204 + 00 (EX.)

MODEL: Default
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ADVANCE SIGNING FOR NB & SB OF IL RTE. 47

USER NAME = abebawa	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000" / in.	CHECKED -	REVISED -
PLOT DATE = 9/20/2018	DATE -	REVISED -

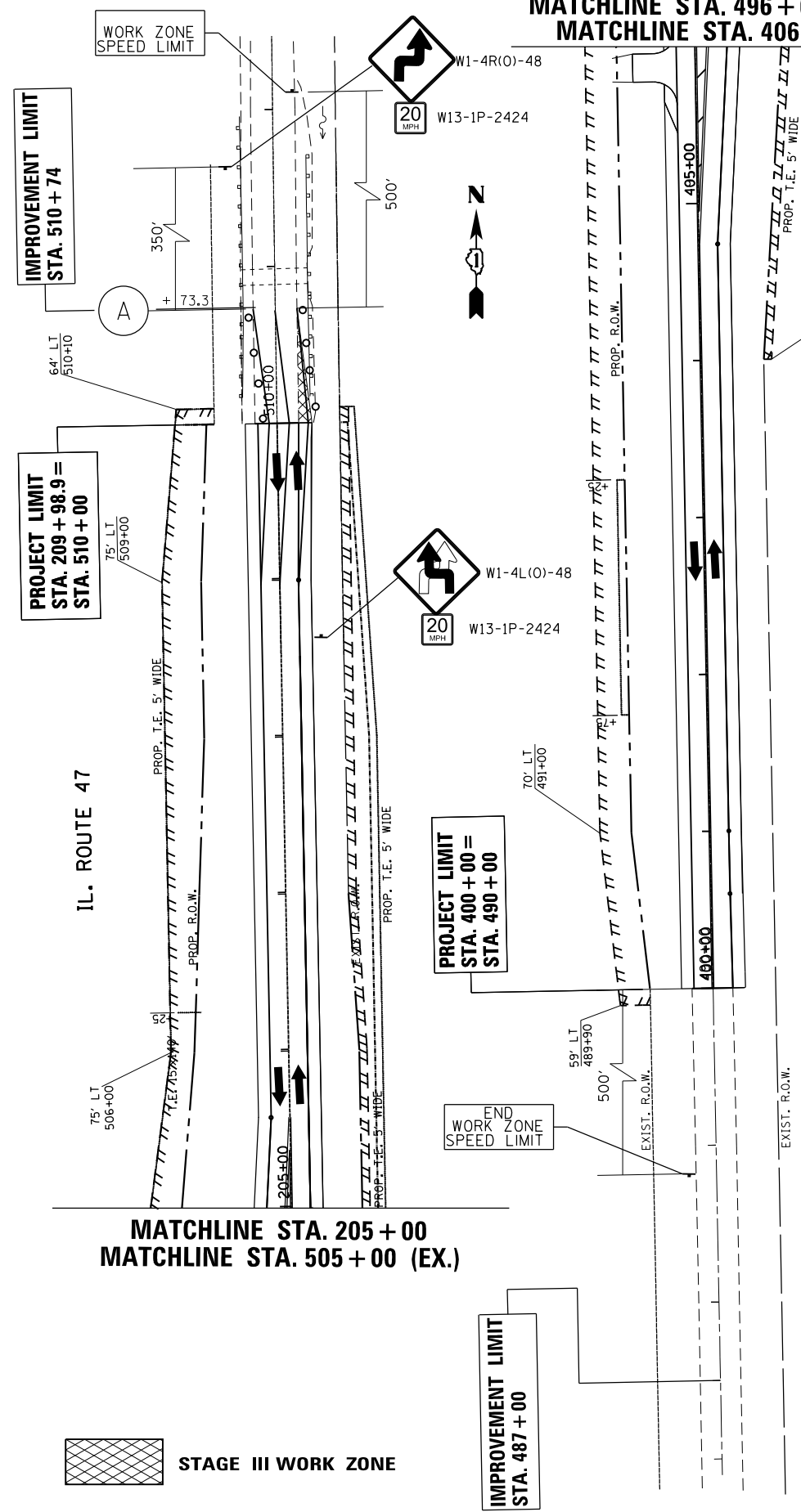
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE. 47 AT PLATO RD.
CONSTRUCTION STAGING: STAGE III

SCALE: SHEET OF SHEETS STA. TO STA.

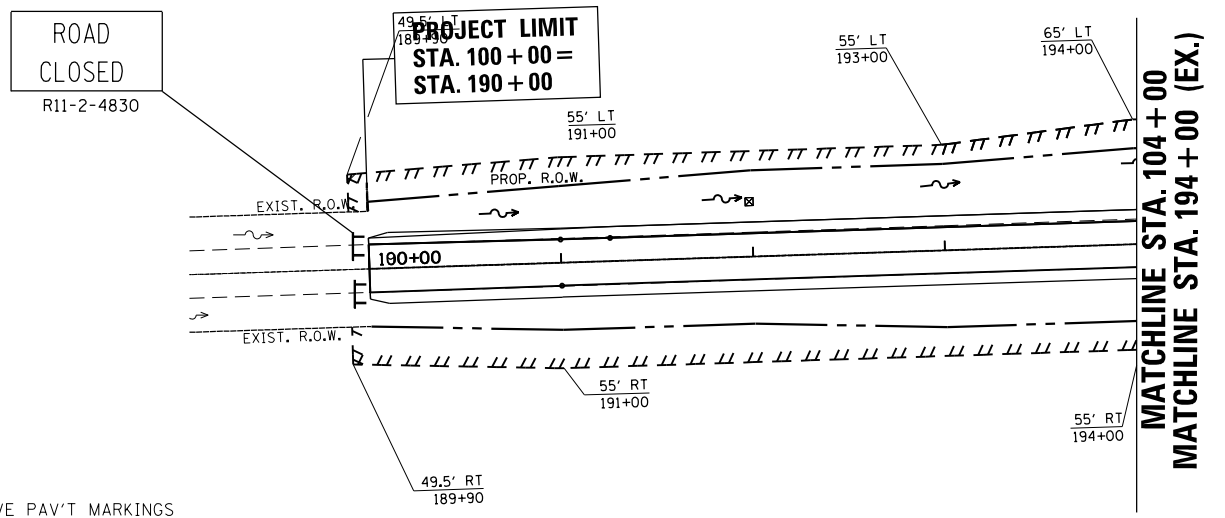
F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 32
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 496 + 00 (EX.)
MATCHLINE STA. 406 + 00

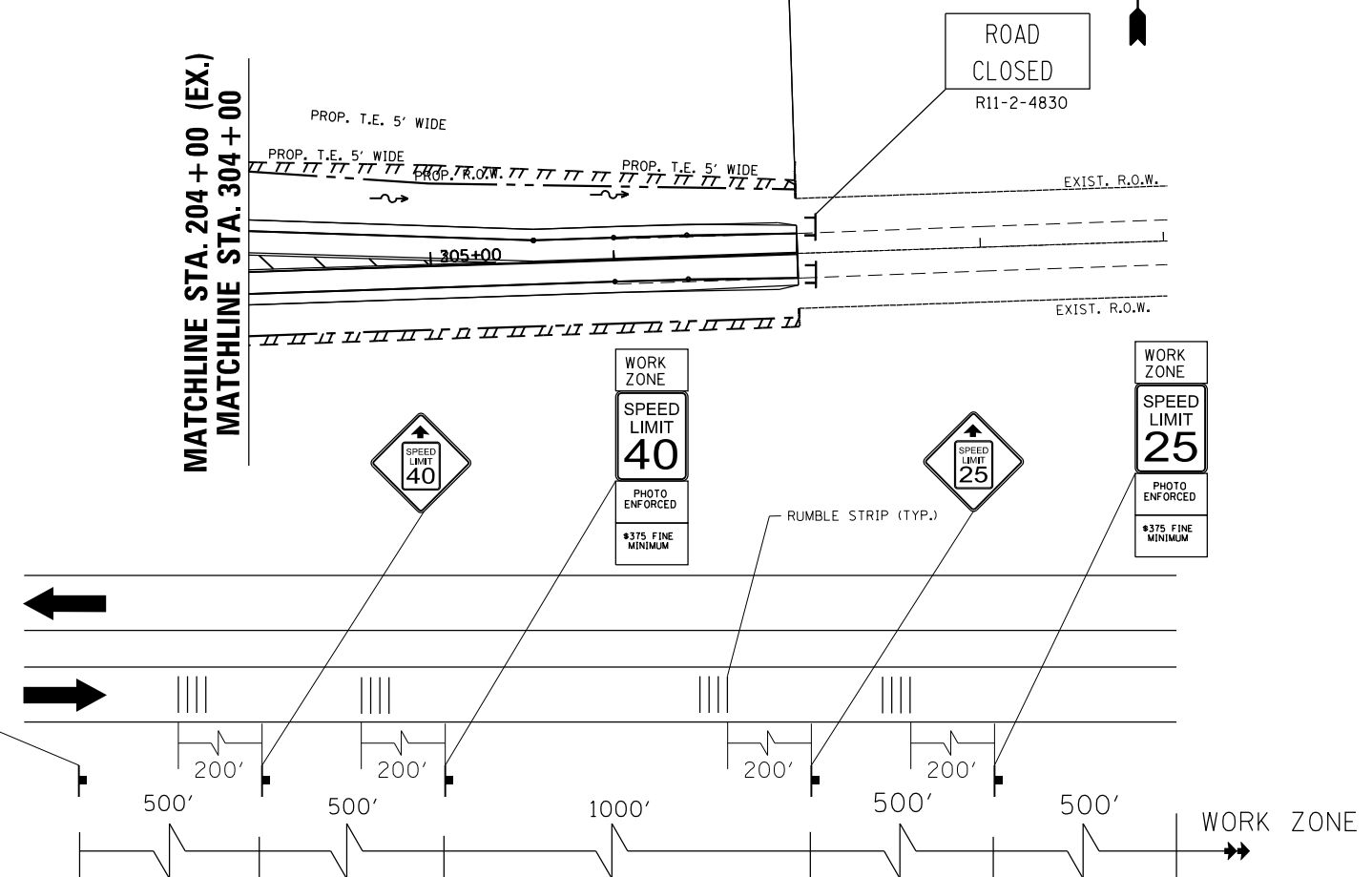


PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING. TAPE , TYPE IV, 4" (WHITE)
- (B) PAVEMENT MARKING. TAPE , TYPE IV, 4" (YELLOW)
- (C) PAVEMENT MARKING. TAPE , TYPE IV, 4" (DOUBLE YELLOW) @ 11" C-C W/TEMP. RAISED REFLECTIVE PAV'T MARKINGS
- (D) PAVEMENT MARKING. TAPE , TYPE IV, 4" (SKIP YELLOW)
- (E) PAVEMENT MARKING. TAPE , TYPE IV, 6" (WHITE)
- (F) PAVEMENT MARKING. TAPE , TYPE IV, 12" (YELLOW)
- (G) PAVEMENT MARKING. TAPE , TYPE IV, 24" (WHITE)
- (H) PAVEMENT MARKING. TAPE , TYPE IV- LETTERS AND SYMBOLS



MATCHLINE STA. 204 + 00 (EX.)
MATCHLINE STA. 304 + 00



ADVANCE SIGNING FOR NB & SB OF IL RTE. 47

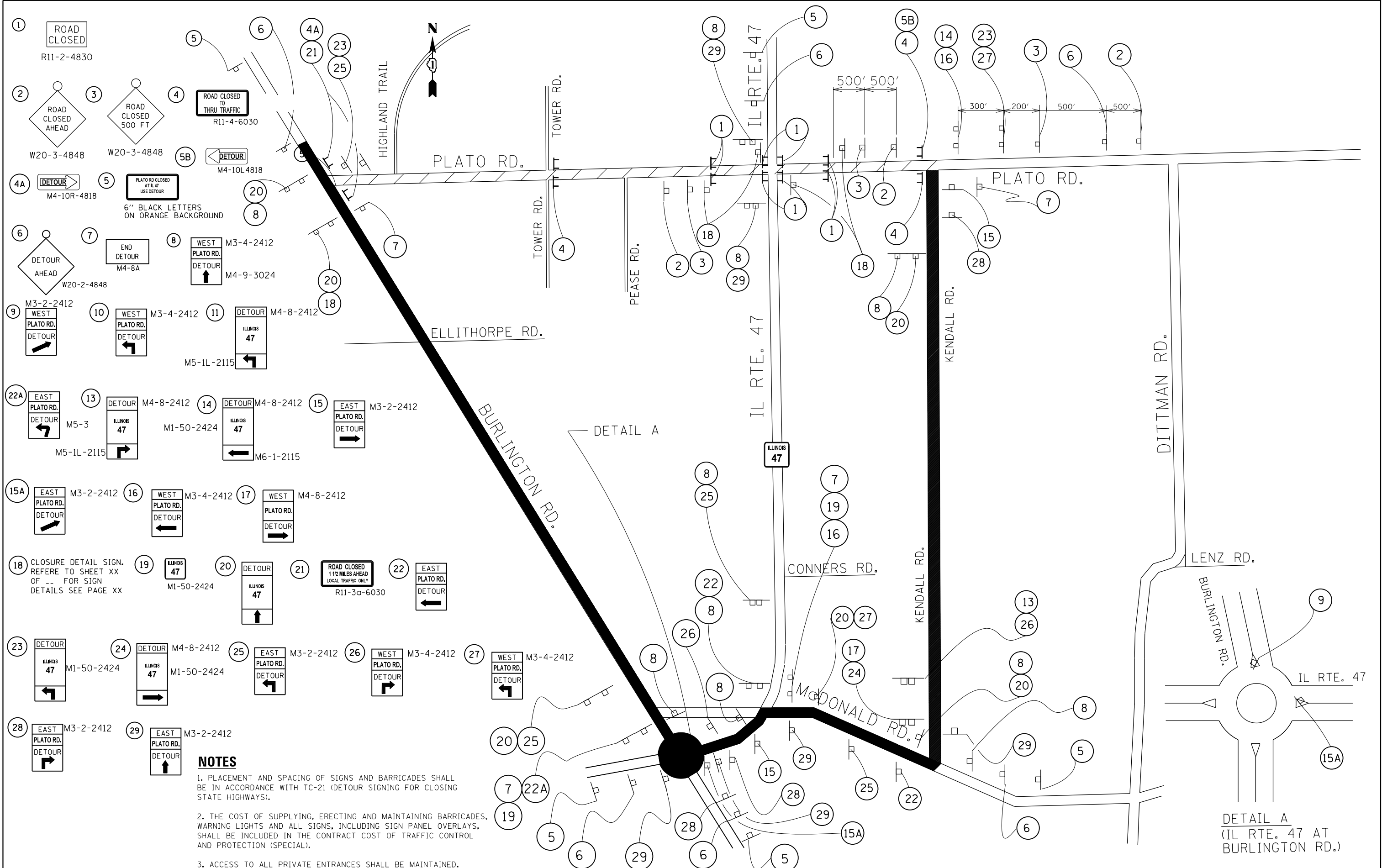
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USER NAME = abebawa	DESIGNED -	REVISED -
PLOT SCALE = 100.0000" / in.	DRAWN -	REVISED -
PLOT DATE = 8/17/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE. 47 AT PLATO RD.
CONSTRUCTION STAGING: STAGE III
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 33
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				



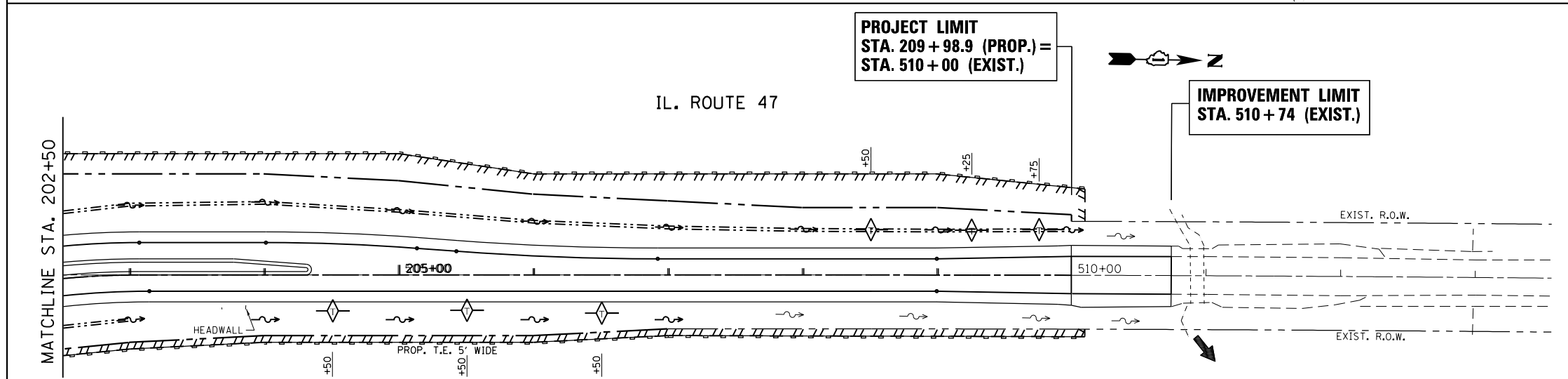
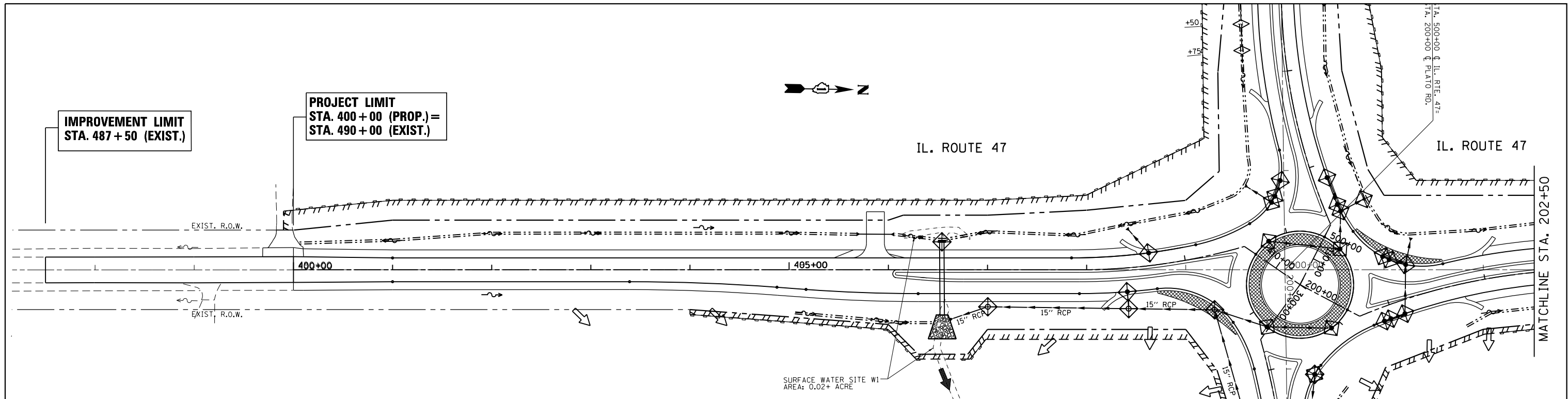
NOTES

1. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH TC-21 (DETOUR SIGNING FOR CLOSING STATE HIGHWAYS).
2. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND ALL SIGNS, INCLUDING SIGN PANEL OVERLAYS, SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
3. ACCESS TO ALL PRIVATE ENTRANCES SHALL BE MAINTAINED.

DETAIL A
(IL RTE. 47 AT
BURLINGTON RD.)

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR PLAN IL. ROUTE 47 AT PLATO RD.				F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
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		DATE -	REVISED -													

ILLINOIS FED. AID PROJECT
CONTRACT NO. 62F16



LEGEND	
	PERIMETER EROSION BARRIER
	INLET FILERS
	TEMPORARY DITCH CHECK

1. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
2. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES 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 BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
3. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION (<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>) AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: (<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>)
4. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THIS IS IMPORTANT WHERE NEW STORM SEWER CONNECTS TO EXISTING CULVERTS. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
5. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
6. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.

NOTES

1. TEMPORARY EROSION CONTROL SEEDING TO BE PROVIDED AT ALL ERODIBLE BARE EARTH AREAS, REFER TO SPECIAL PROVISIONS.
2. NPDES PERMIT IS REQUIRED FOR THE PROJECT.
3. THE CONTRACTORS SHALL PROVIDE & MAINTAIN INLET PROTECTION AT ALL PROPOSED DRAINAGE STRUCTURES AND AT OTHER LOCATIONS DIRECTED BY THE ENGINEER AND/OR SHOWN ON THE PLANS. INLET PROTECTION SHALL BE PLACED BEFORE THE AREA INVOLVED HAS BEEN DISTURBED.
4. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE STATE STANDARDS SPECIFICATION AND OF THE APPLICABLE STATE STANDARDS FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH A TIME AS DIRECTED BY THE ENGINEER.
5. AT ANY AREA WHERE THERE IS NO PROPOSED GRADING, THE EXISTING GROUND COVER SHALL REMAIN.
6. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATIONS NECESSARY TO ASSUME 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.
7. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES, DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
8. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
9. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEED AT ONE TIME.
10. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACA) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT, FOUND IN THE SPECIAL PROVISIONS, MUST BE FOLLOWED. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USAGE WEBSITE. THE USAGE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) 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.
11. "WETLAND NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. THE CONTRACTOR CAN BORROW THE SIGNS FROM THE BUREAU OF MAINTENANCE. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.

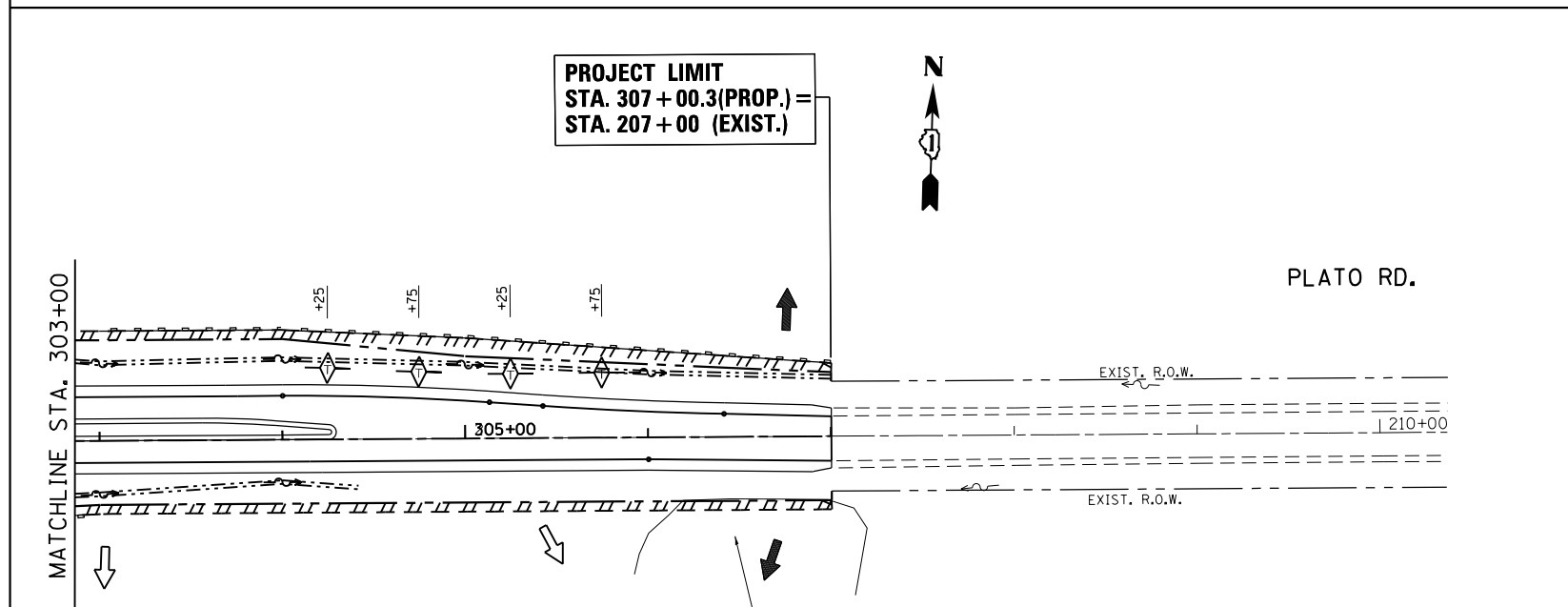
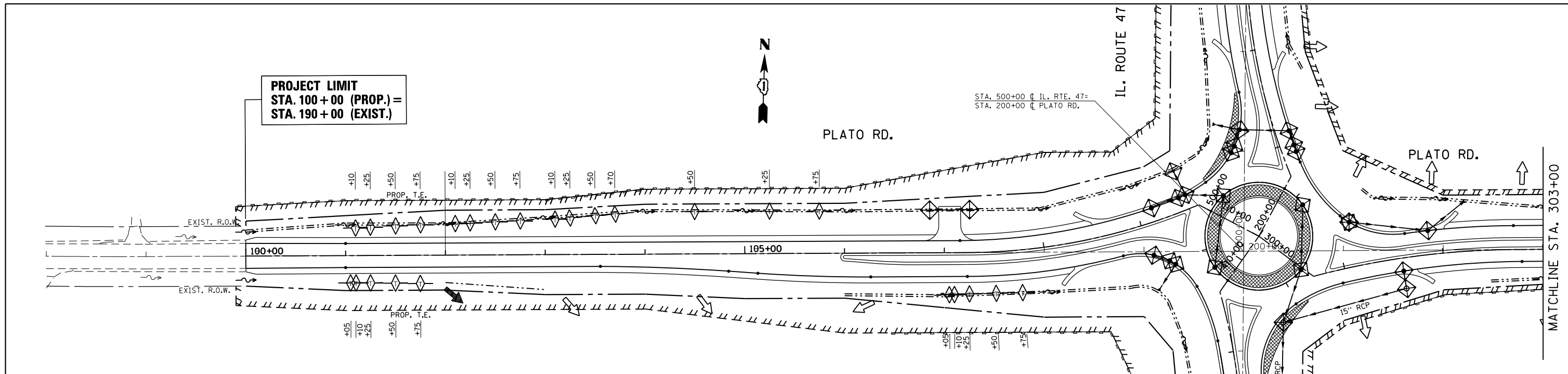
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	PLOT DATE = 8/17/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN (ALTERNATIVE 2) MODERN ROUNDABOUT
IL. ROUTE 47 AT PLATO ROAD (PLATO ROAD)**

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

F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 35
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				



LEGEND

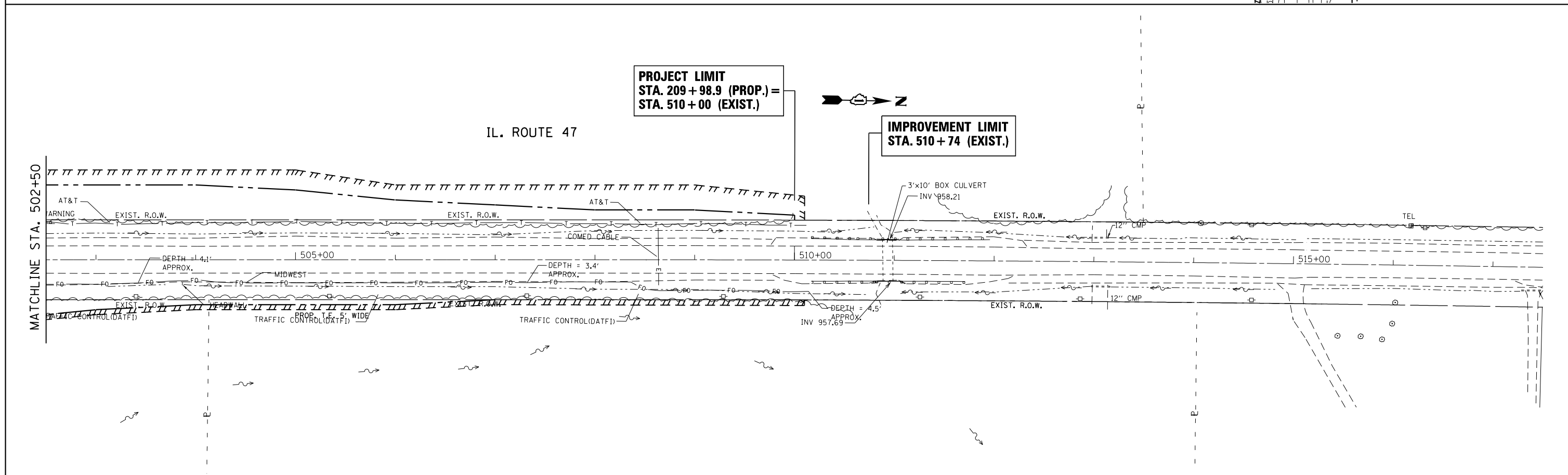
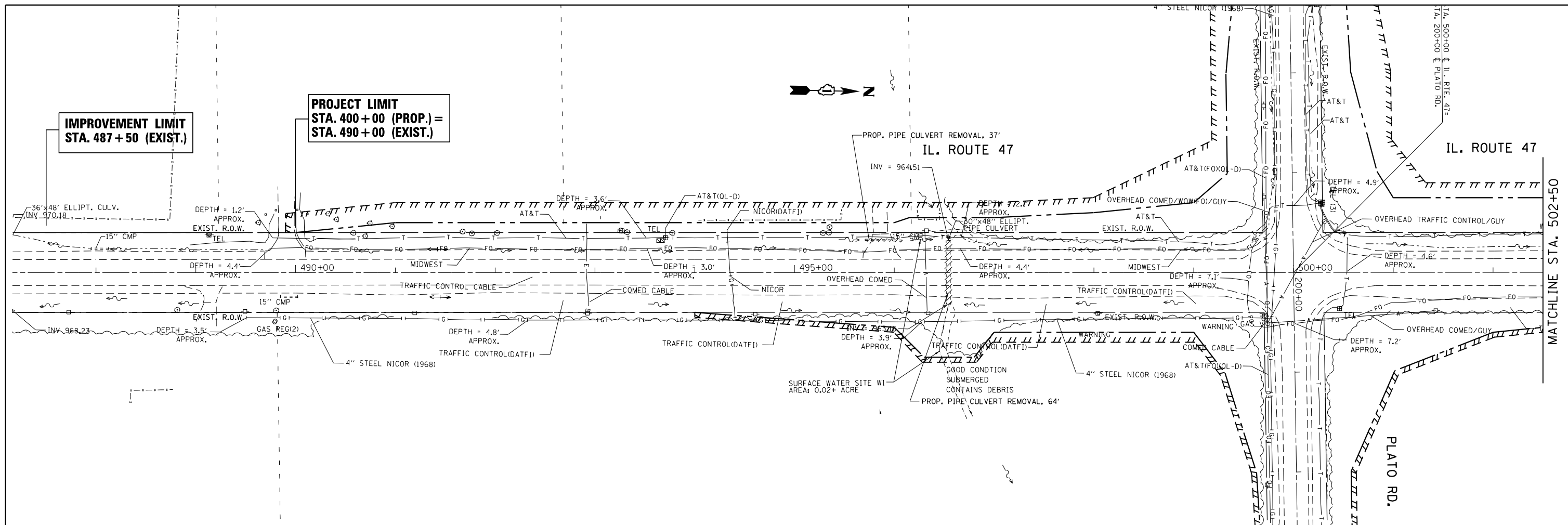
- PERIMETER EROSION BARRIER
- INLET FILTERS
- TEMPORARY DITCH CHECK

1. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
2. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES 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 BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
3. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION (<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>) AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE (<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>)
4. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THIS IS IMPORTANT WHERE NEW STORM SEWER CONNECTS TO EXISTING CULVERTS. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
5. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
6. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.

NOTES

1. TEMPORARY EROSION CONTROL SEEDING TO BE PROVIDED AT ALL ERODIBLE BARE EARTH AREAS, REFER TO SPECIAL PROVISIONS.
2. NPDES PERMIT IS REQUIRED FOR THE PROJECT.
3. THE CONTRACTORS SHALL PROVIDE & MAINTAIN INLET PROTECTION AT ALL PROPOSED DRAINAGE STRUCTURES AND AT OTHER LOCATIONS DIRECTED BY THE ENGINEER AND/OR SHOWN ON THE PLANS. INLET PROTECTION SHALL BE PLACED BEFORE THE AREA INVOLVED HAS BEEN DISTURBED.
4. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE STATE STANDARDS SPECIFICATION AND OF THE APPLICABLE STATE STANDARDS FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH A TIME AS DIRECTED BY THE ENGINEER.
5. AT ANY AREA WHERE THERE IS NO PROPOSED GRADING, THE EXISTING GROUND COVER SHALL REMAIN.
6. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATIONS NECESSARY TO ASSUME 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.
7. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES, DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
8. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
9. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEED AT ONE TIME.
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11. "WETLAND NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. THE CONTRACTOR CAN BORROW THE SIGNS FROM THE BUREAU OF MAINTENANCE. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.

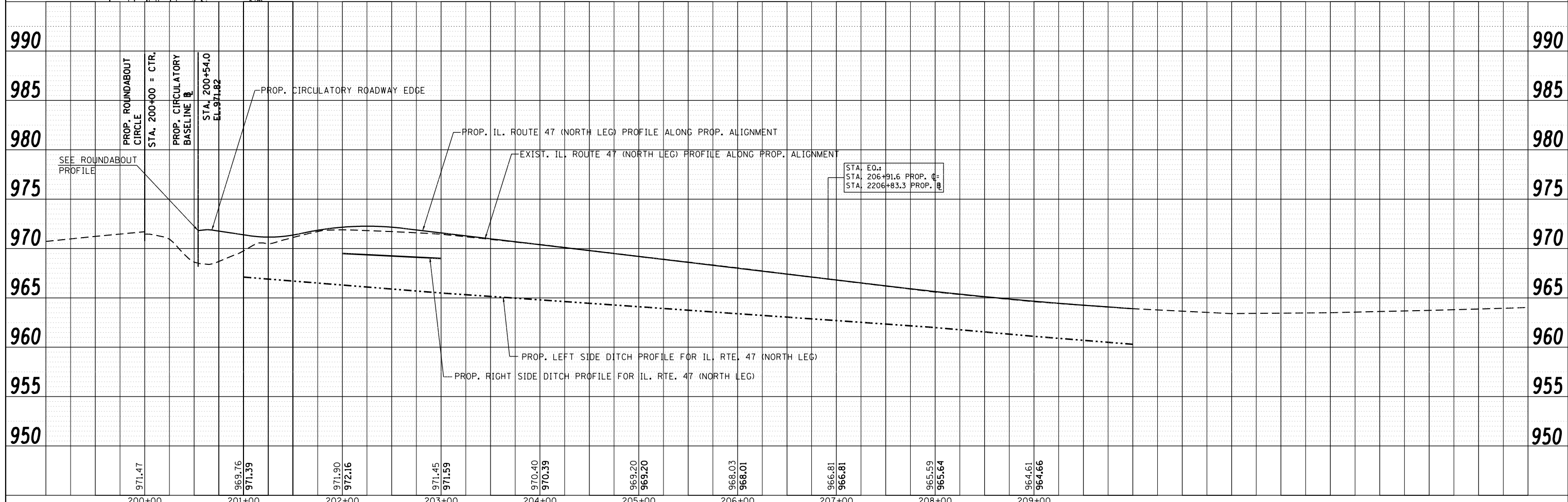
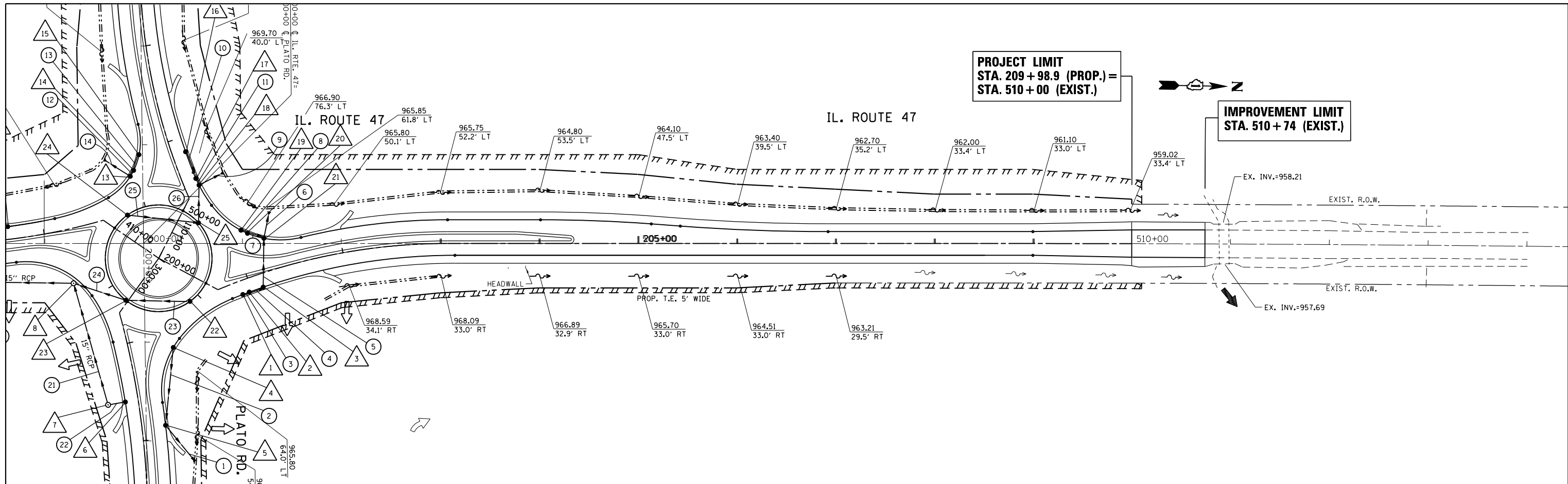
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Default	PLOT DATE = 8/17/2018	DATE -	REVISED -			CONTRACT NO. 62F16					
						ILLINOIS FED. AID PROJECT					



FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN IL. ROUTE 47 AT PLATO ROAD (PLATO ROAD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT DATE = 8/17/2018	CHECKED -	REVISED -			326	106X-R-4	KANE	107	37	
		DATE -	REVISED -			CONTRACT NO. 62F16					
						ILLINOIS FED. AID PROJECT					

PLAN	DATE
BY	
DESIGNED	
CHECKED	
DATE	

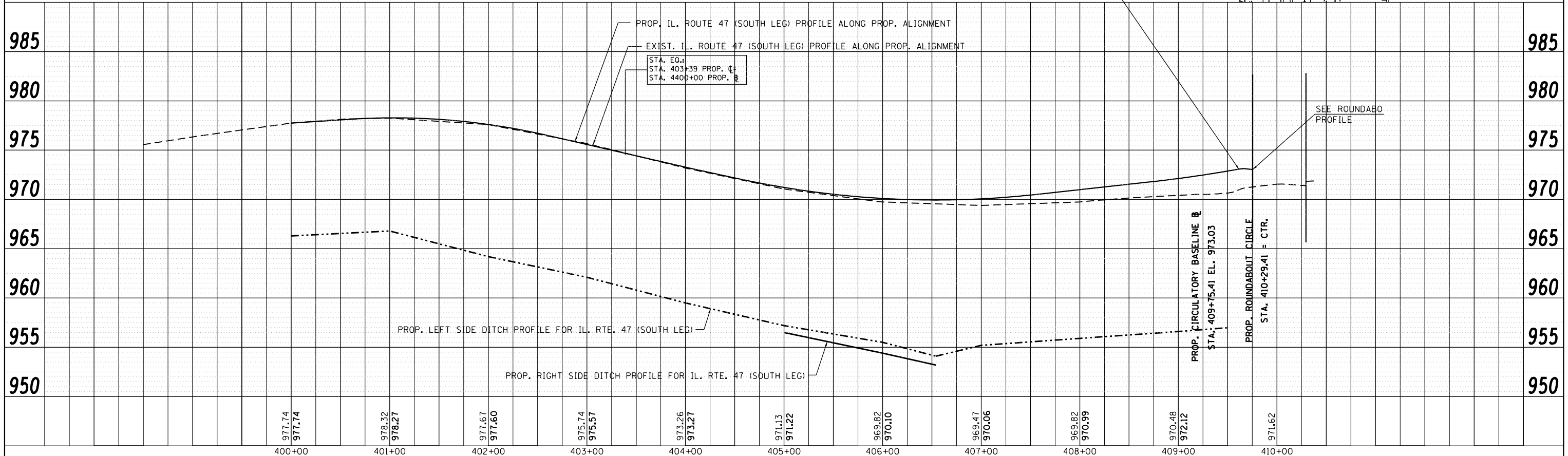
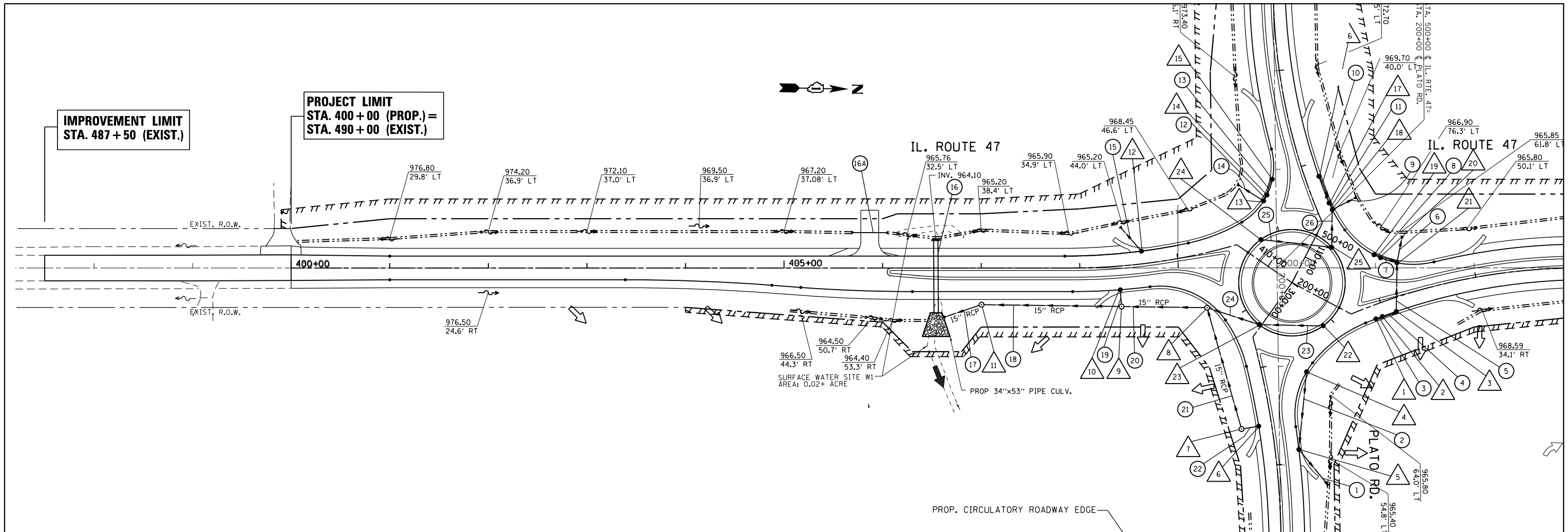
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CHECKED	
DATE	



FILE NAME =	USER NAME = abebaw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		DRAINAGE PLAN & PROFILE: NORTH LEG 200s IL. ROUTE 47 AT PLATO ROAD - (ALONG PROP. ALIGNMENT)		F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
326	106X-R-4	KANE	107					39								
PLOT SCALE = 100.0000' / 1" =								CHECKED -	REVISED -	SCALE: 1"=50'		SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 62F16		
PLOT DATE = 8/17/2018								DATE -	REVISED -				ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	BY	DATE
	NOTE BOOK		
	NO.		
	ALIGNED		
	CHECKED		
	RT. OF WAY		
	CHECKED		
	PAID FILE NAME		

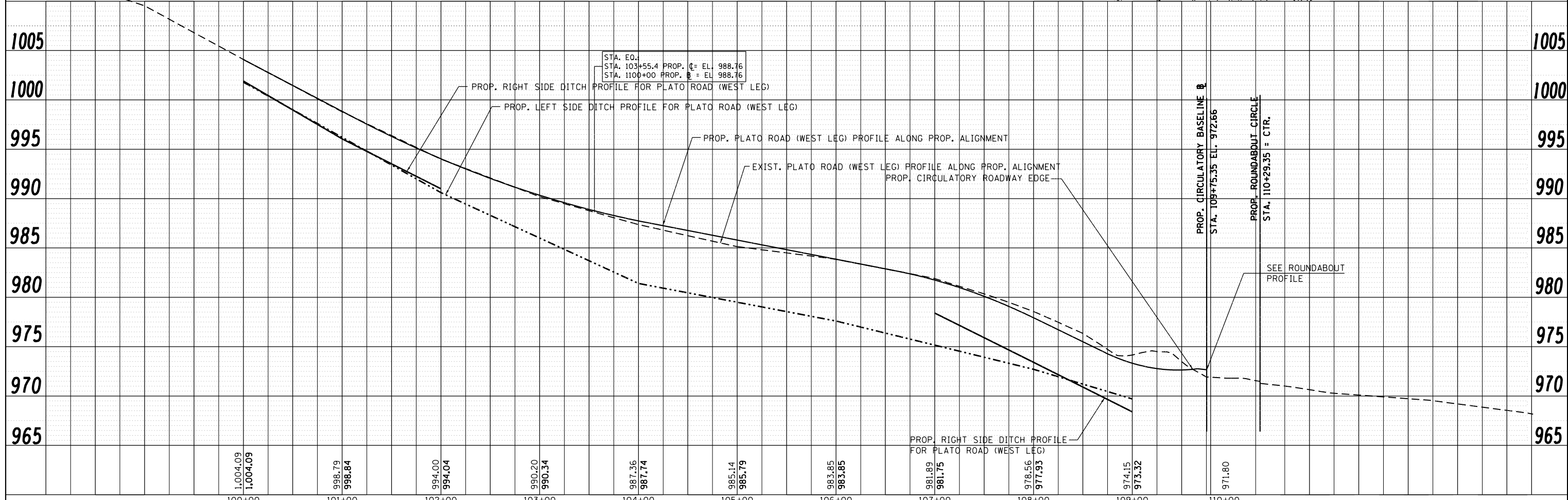
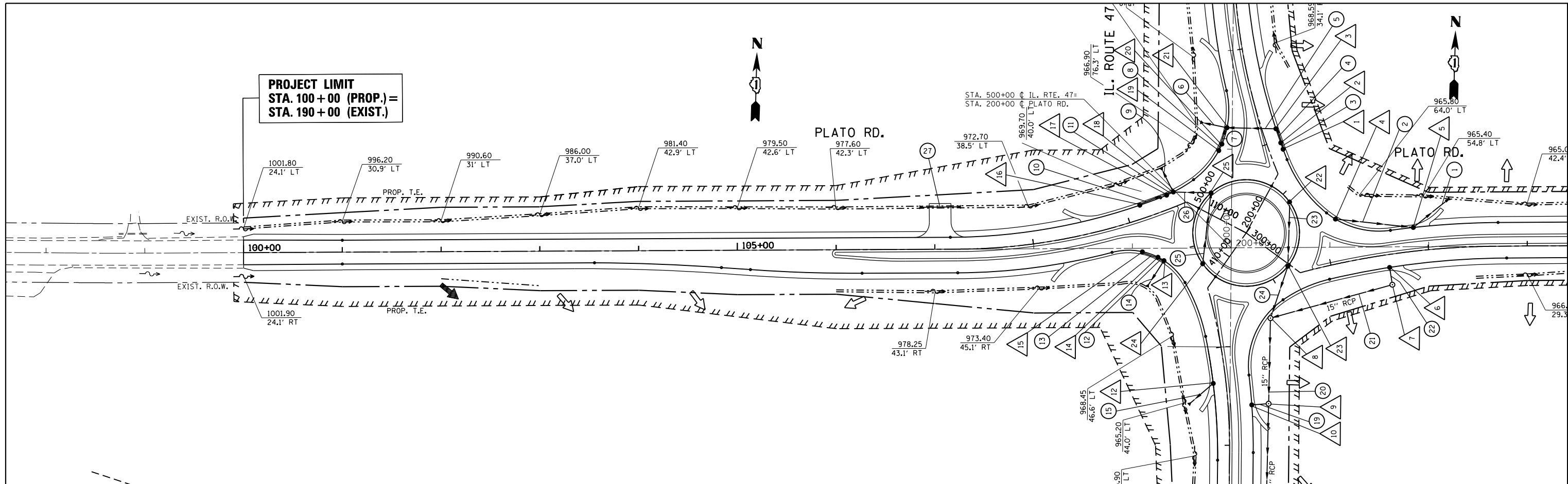
PROFILE	SURVEYED	BY	DATE
	GRADES		
	CHECKED		
	B.M. NOTED		
	STRUCTURE		
	NOTATIONS		
	CHKD		



FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE: SOUTH LEG 400s IL. ROUTE 47 AT PLATO ROAD - (ALONG PROP. ALIGNMENT)	F.A.P. RTE. = 326	SECTION = 106X-R-4	COUNTY = KANE	TOTAL SHEETS = 107	SHEET NO. = 40	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	SCALE: 1"=50'			SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 8/17/2018	DATE -	REVISED -									

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

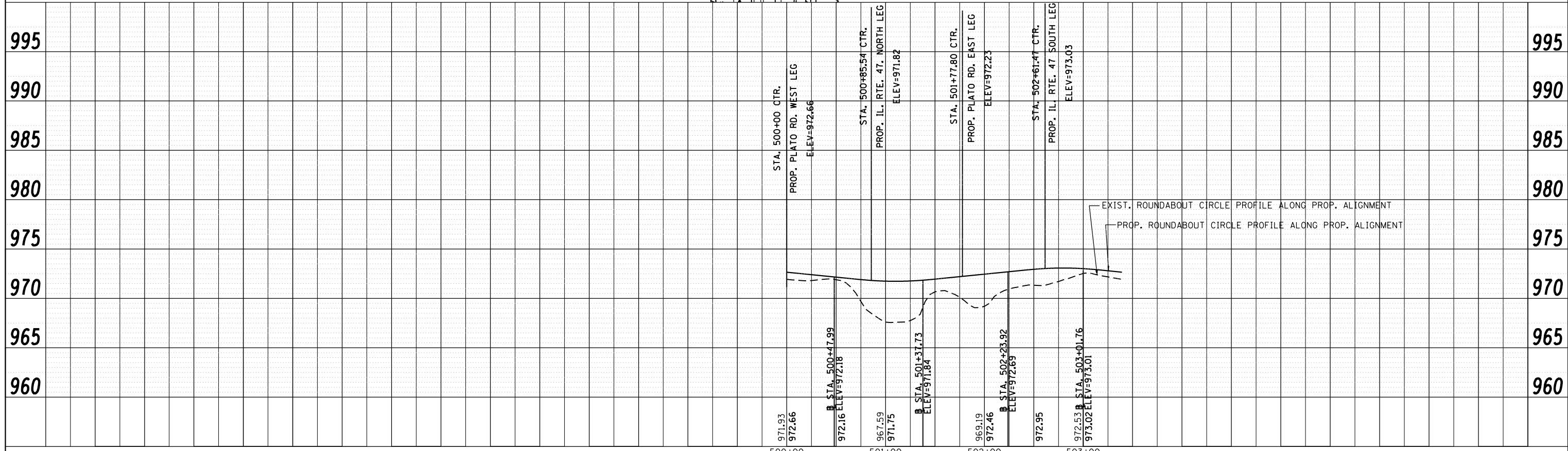
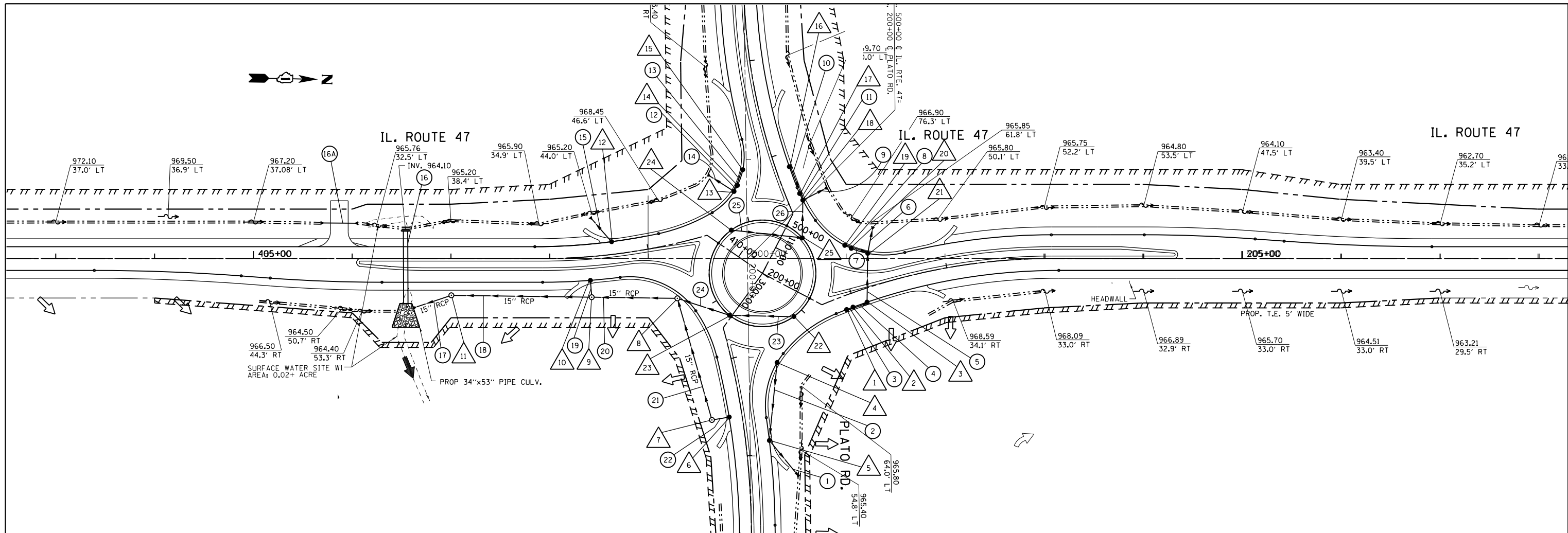
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



FILE NAME =	USER NAME = obebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE: WEST LEG 100s IL. ROUTE 47 AT PLATO ROAD - (ALONG PROP. ALIGNMENT)	F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 42	
PLOT SCALE = 100.0/10' / in.						CHECKED -	REVISED -	CONTRACT NO. 62F16			
PLOT DATE = 8/17/2018						DATE -	REVISED -	ILLINOIS FED. AID PROJECT			
SCALE: 1"=50'		SHEET NO. OF SHEETS				STA. TO STA.					

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

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



STRUCTURES

1 STA. 200+85.1, RT. EOP
CATCH BASIN, TYPE C
W/ TYPE 24 FRAME & GRATE
T.O.G: 971.30
INV: 966.37 (N)

2 STA. 200+91.6, RT. EOP
CATCH BASIN, TYPE A, 4 FT DIA. [FLAT SLAB TOP]
W/ TYPE 24 FRAME & GRATE
T.O.G: 971.17
INV: 966.34 (N)
INV: 966.34 (S)

3 STA. 201+11.9, RT. EOP
CATCH BASIN, TYPE A, 4 FT DIA. [FLAT SLAB TOP]
W/ TYPE 24 FRAME & GRATE
T.O.G: 971.00
INV: 966.27 (W)
INV: 966.27 (S)

4 STA. 301+14.5, RT. EOP
CATCH BASIN, TYPE A, 4 FT DIA.
W/ TYPE 24 FRAME & GRATE
T.O.G: 971.30
INV: 965.49 (E)

5 STA. 301+75, RT. EOP
CATCH BASIN, TYPE A, 4 FT DIA. [FLAT SLAB TOP]
W/ TYPE 24 FRAME & GRATE
T.O.G: 969.98
INV: 965.28 (NE)
INV: 965.28 (W)

6 STA. 301+57.4, LT. EOP
CATCH BASIN, TYPE C
W/ TYPE 24 FRAME & GRATE
T.O.G: 970.56
INV: 966.47 (S)

7 STA. 301+57.4, 28.4 FT LT.
MANHOLE, TYPE A, 5 FT DIA. [FLAT SLAB TOP]
W/ TYPE 1 FRAME, CL
T.O.G: 969.39
INV: 966.23 (N)
INV: 966.23 (W)

8 STA. 409+20.3, 54.9 LT.
MANHOLE, TYPE A, 5 FT DIA.
W/ TYPE 1 FRAME, CL
T.O.G: 972.30
INV: 965.40 (N)
INV: 965.30 (S)
INV: 965.40 (E)

9 STA. 408+41, 38.7 RT.
MANHOLE, TYPE A, 5 FT DIA.
W/ TYPE 1 FRAME, CL
T.O.G: 970.51
INV: 964.70 (N)
INV: 964.60 (S)
INV: 964.60 (W)

10 STA. 408+41, RT. EOP
CATCH BASIN, TYPE A, 4FT DIA.
W/ TYPE 24 FRAME & GRATE
T.O.G: 971.0
INV: 964.77 (E)

11 STA. 408+41, 38.7 RT.
MANHOLE, TYPE A, 5 FT DIA.
W/ TYPE 1 FRAME, CL
T.O.G: 969.119
INV: 963.60 (N)
INV: 963.50 (S)

12 STA. 408+62.5, LT. EOP
CATCH BASIN, TYPE C
W/ TYPE 24 FRAME & GRATE
T.O.G: 971.48
INV: 966.42 (SW)

13 STA. 109+36.2, RT. EOP
CATCH BASIN, TYPE A, 4FT DIA. [FLAT SLAB TOP]
W/ TYPE 24 FRAME & GRATE
T.O.G: 972.77
INV: 969.67 (SW)
INV: 969.67 (W)

14 STA. 109+29.9, RT. EOP
CATCH BASIN, TYPE A, 4FT DIA. [FLAT SLAB TOP]
W/ TYPE 24 FRAME & GRATE
T.O.G: 972.79
INV: 969.70 (W)
INV: 969.70 (E)

15 STA. 109+03.4, RT. EOP
CATCH BASIN, TYPE A, 4FT DIA. [FLAT SLAB TOP]
W/ TYPE 24 FRAME & GRATE
T.O.G: ± 972.84
INV: 969.77 (E)

16 STA. 109+05.3, LT. EOP
CATCH BASIN, TYPE A, 4FT DIA.
W/ TYPE 24 FRAME & GRATE
T.O.G: 972.94
INV: 967.34 (E)

17 STA. 109+32.8, LT. EOP
CATCH BASIN, TYPE A, 4FT DIA.
W/ TYPE 24 FRAME & GRATE
T.O.G: ± 972.523
INV: 967.20 (E)
INV: 967.20 (W)

18 STA. 109+46.7, LT. EOP
CATCH BASIN, TYPE A, 4FT DIA.
W/ TYPE 24 FRAME & GRATE
T.O.G: 972.523
INV: 967.13 (N)
INV: 967.13 (W)
INV: 967.13 (E)

19 STA. 200+92.9, LT. EOP
CATCH BASIN, TYPE A, 4FT DIA.
W/ TYPE 24 FRAME & GRATE
T.O.G: 971.63
INV: 966.26 (N)

20 STA. 201+00, LT. EOP
CATCH BASIN, TYPE A, 4FT DIA.
W/ TYPE 24 FRAME & GRATE
T.O.G: 971.541
INV: 966.19 (N)
INV: 966.19 (S)

21 STA. 201+17.2, LT. EOP
CATCH BASIN, TYPE A, 4FT DIA.
W/ TYPE 24 FRAME & GRATE
T.O.G: 971.32
INV: 966.03 (E)
INV: 966.03 (S)
INV: 966.03 (W)

22 STA. 501+10.1
CATCH BASIN, TYPE C
W/ TYPE 24 FRAME & GRATE
T.O.G: 971.73
INV: 966.60 (S)

23 STA. 501+80
CATCH BASIN, TYPE A, 4FT DIA.
W/ TYPE 24 FRAME & GRATE
T.O.G: 972.23
INV: 965.95 (S)
INV: 965.95 (N)

24 STA. 502+80
CATCH BASIN, TYPE C
W/ TYPE 24 FRAME & GRATE
T.O.G: 973.06
INV: 967.64 (N)

25 STA. 500+20
CATCH BASIN, TYPE A, 4FT DIA.
W/ TYPE 24 FRAME & GRATE
T.O.G: ± 972.50
INV: 967.32 (W)
INV: 967.32 (S)

FILE NAME = P144809-sht-cover.dgn	USER NAME = abebawa	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE. 47 AT PLATO RD. PROPOSED PIPE AND STRUCTURE TABLE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN	REVISED -			326	106X-R-4	KANE	107	44	
		CHECKED	REVISED -			CONTRACT NO. 62F16					
		DATE	-			SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

PIPE TABLE

No.	PIPE TYPE	Dia. (inch)	TBF (cu yds)	Length (ft)
1	PROPOSED STORM SEWER, CLASS A, TYPE I, W/PRECAST REINF. CONC. FLARED END SECTION, INV: 965.10	15	31.8	47
2	PROPOSED STORM SEWER, CLASS A, TYPE II	12	58.9	79.2
3	PROPOSED STORM SEWER, CLASS A, TYPE II	12	4.7	6.9
4	PROPOSED STORM SEWER, CLASS A, TYPE II	12	10	15
5	PROPOSED STORM SEWER, CLASS A, TYPE II	12	35.2	49.5
6	PROPOSED STORM SEWER, CLASS A, TYPE I, W/PRECAST REINF. CONC. FLARED END SECTION, INV: 965.90	15	18.6	23.9
7	PROPOSED STORM SEWER, CLASS A, TYPE II	12	13.1	17.2
8	PROPOSED STORM SEWER, CLASS A, TYPE II	12	5.3	7
9	PROPOSED STORM SEWER, CLASS A, TYPE I, W/PRECAST REINF. CONC. FLARED END SECTION, INV: 967.00	15	19.3	24.3
10	PROPOSED STORM SEWER, CLASS A, TYPE II	12	22.4	28.9
11	PROPOSED STORM SEWER, CLASS A, TYPE II	12	5.7	7.5
12	PROPOSED STORM SEWER, CLASS A, TYPE I	12	1.7	7.0
13	PROPOSED STORM SEWER, CLASS A, TYPE I	12	4.1	16.5
14	PROPOSED STORM SEWER, CLASS A, TYPE I, W/PRECAST REINF. CONC. FLARED END SECTION, INV: 969.58	15	7.2	27.8
15	PROPOSED STORM SEWER, CLASS A, TYPE I, W/PRECAST REINF. CONC. FLARED END SECTION, INV: 966.10	15	223	29.2
16	PROPOSED PIPE CULVERT, CLASS A, TYPE 2, EQUIVALENT ROUND-SIZE 42" W/PRECAST REINF. CONC. FLARED END SECTION, ELLIPTICAL, EQUIVALENT ROUND-SIZE 42" INV: 963.2 (E) , INV: 964.1 (W)	EQUIVALENT ROUND-SIZE 42"	91	73.2
16A	PROPOSED PIPE CULVERT W/PRECAST REINF. CONC. FLARED END SECTION, INV: 966.49 (S) , INV: 966.11 (N)	15	9.7	30.6
17	PROPOSED STORM SEWER, CLASS A, TYPE II W/PRECAST REINF. CONC. FLARED END SECTION, INV: 963.2	15	42.5	36.8
18	PROPOSED STORM SEWER, CLASS A, TYPE II	15	122.8	142
19	PROPOSED STORM SEWER, CLASS A, TYPE II	12	14.6	17
20	PROPOSED STORM SEWER, CLASS A, TYPE II	15	82.4	86.7
21	PROPOSED STORM SEWER, CLASS A, TYPE I	15	93.1	127.9
22	PROPOSED STORM SEWER, CLASS A, TYPE II	15	5.6	17.7
23	PROPOSED STORM SEWER, CLASS A, TYPE II	12	52.5	65
24	PROPOSED STORM SEWER, CLASS A, TYPE II	12	52	55.5
25	PROPOSED STORM SEWER, CLASS A, TYPE II	12	53.9	72.4
26	PROPOSED STORM SEWER, CLASS A, TYPE II	12	28.4	38.2

FILE NAME = P144809-shr-cover.dgn	USER NAME = abebawa	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE. 47 AT PLATO RD. PROPOSED PIPE AND STRUCTURE TABLE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 99.9560' / in.	CHECKED	REVISED -			326	106X-R-4	KANE	107	45
PLOT DATE = 9/20/2018	DATE	-	-		SCALE: NONE		SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 62F16	
ILLINOIS FED. AID PROJECT										



PROJECT LIMIT
STA. 400 + 00 =
STA. 490 + 00

IL. ROUTE 47

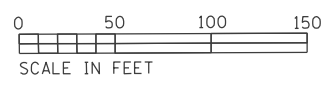
A	A	AERIAL
CTV	CTV	CABLE TV
E	E	ELECTRIC
FO	FO	FIBER OPTIC
G	G	GAS
O	O	OIL
S	S	SANITARY SEWER
T	T	TELEPHONE
U	U	UNKNOWN
W	W	WATER
		SO-DEEP TEST HOLE

ILLINOIS
SCOTT ALLEN
WECHTER
REG. 02-04-2008
PROFESSIONAL ENGINEER

I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SO-DEEP, INC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

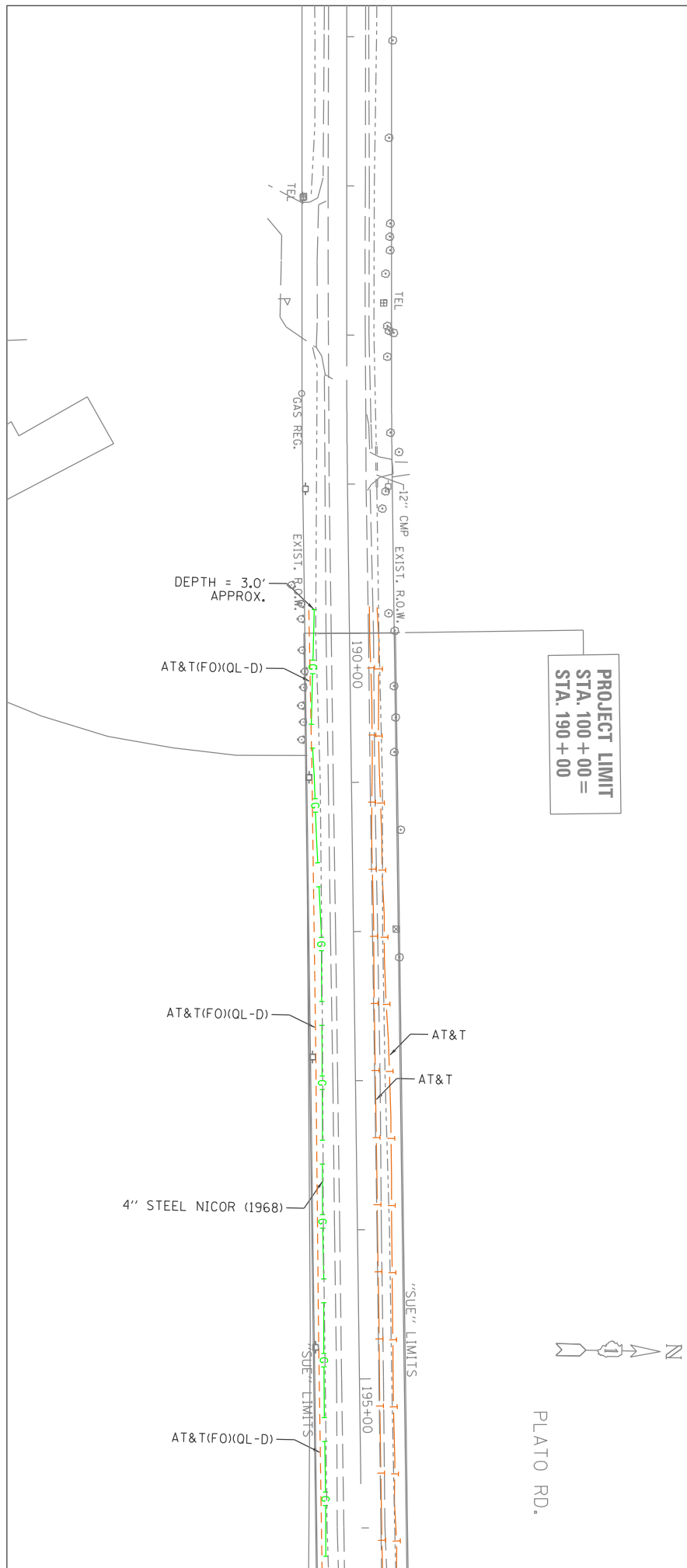
DATE: _____

	The Subsurface Utility Engineering Company 8397 Euclid Avenue Manassas Park, VA 20111 703-361-6005
	Designated By: P.R.
	Drafted By: B.S.
	Checked By: S.W.
Sheet: D162B61-SUE.DGN	Date: 8-23-2017
SIXF984	

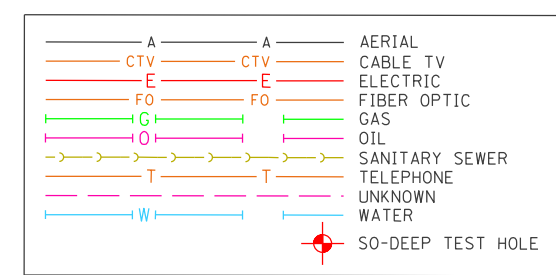


SHEET # 46-107

MATCHLINE SHEET 2



PROJECT LIMIT
 STA. 100 + 00 =
 STA. 190 + 00



ILLINOIS
 SCOTT ALLEN WECHTER
 REG. 62-042188
 PROFESSIONAL ENGINEER

I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SO-DEEP, INC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: _____

SO-DEEP
 The Subsurface Utility Engineering Company
 8397 Euclid Avenue
 Monroeville, PA 15146
 724-361-6005

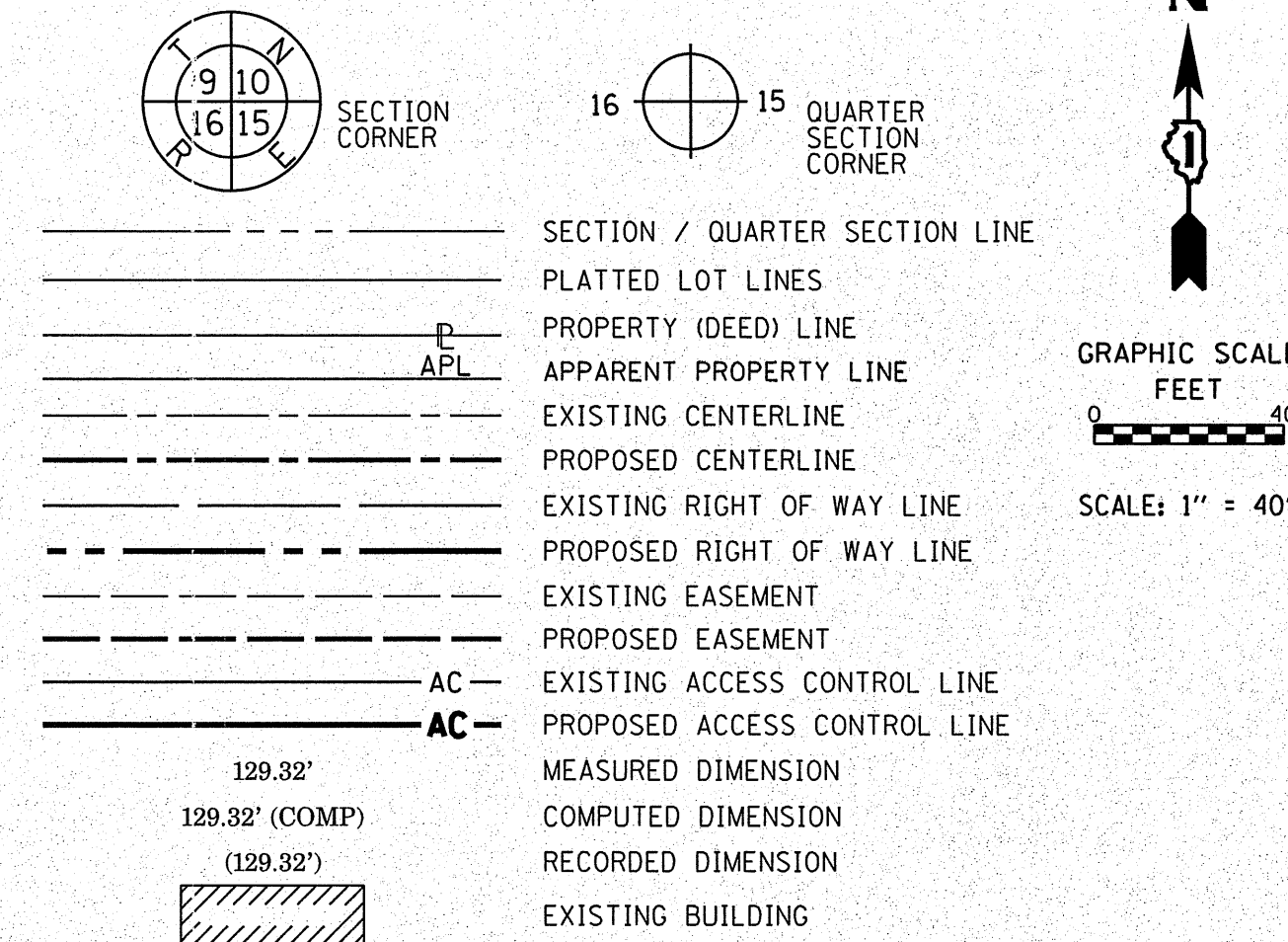
D162B61-SUE.DGN	Designated By: P.R.
Sheet: 3	Drafted By: B.S.
Date: 8-23-2017	Checked By: S.W.
	SIXF984

0 50 100 150
 SCALE IN FEET

3

PART OF THE SW QUARTER OF SECTION 20, TWP. 41 N., R. 7 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

LEGEND

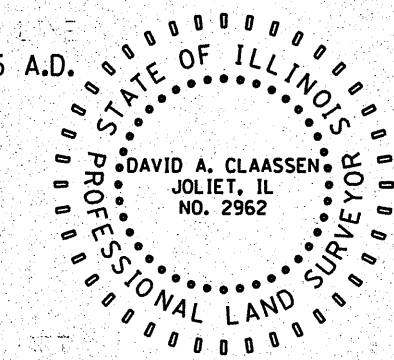


- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREA. BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- ⊙ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

NOTES:
 ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 COORDINATES, BEARINGS & DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
 ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99993382.
 AREA SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
) SS
 COUNTY OF WILL)
 THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 41 NORTH, RANGE 7 EAST 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. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS ____ DAY OF _____, 2015 A.D.
PRELIMINARY _____ VICE PRESIDENT
 DAVID A. CLAASSEN
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
 LICENSE EXPIRES NOVEMBER 30, 2016
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



CWA SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C. LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 claassenwhite@cwasurevey.com
 CWA Job #6229

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47

LIMITS: @ PLATO ROAD COUNTY: KANE
 SECTION: JOB NO.: R-91-010-11
 STA. 399+90.00 TO STA. 406+50.14 (IL ROUTE 47)
 SCALE: 1" = 40' SHEET 2 OF SHEETS

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

IDOT USE ONLY
 RECEIVED
 MAY 19 2015
 PLATS & LETTERS

PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
 COORDINATE TABLE ~ IL ROUTE 47

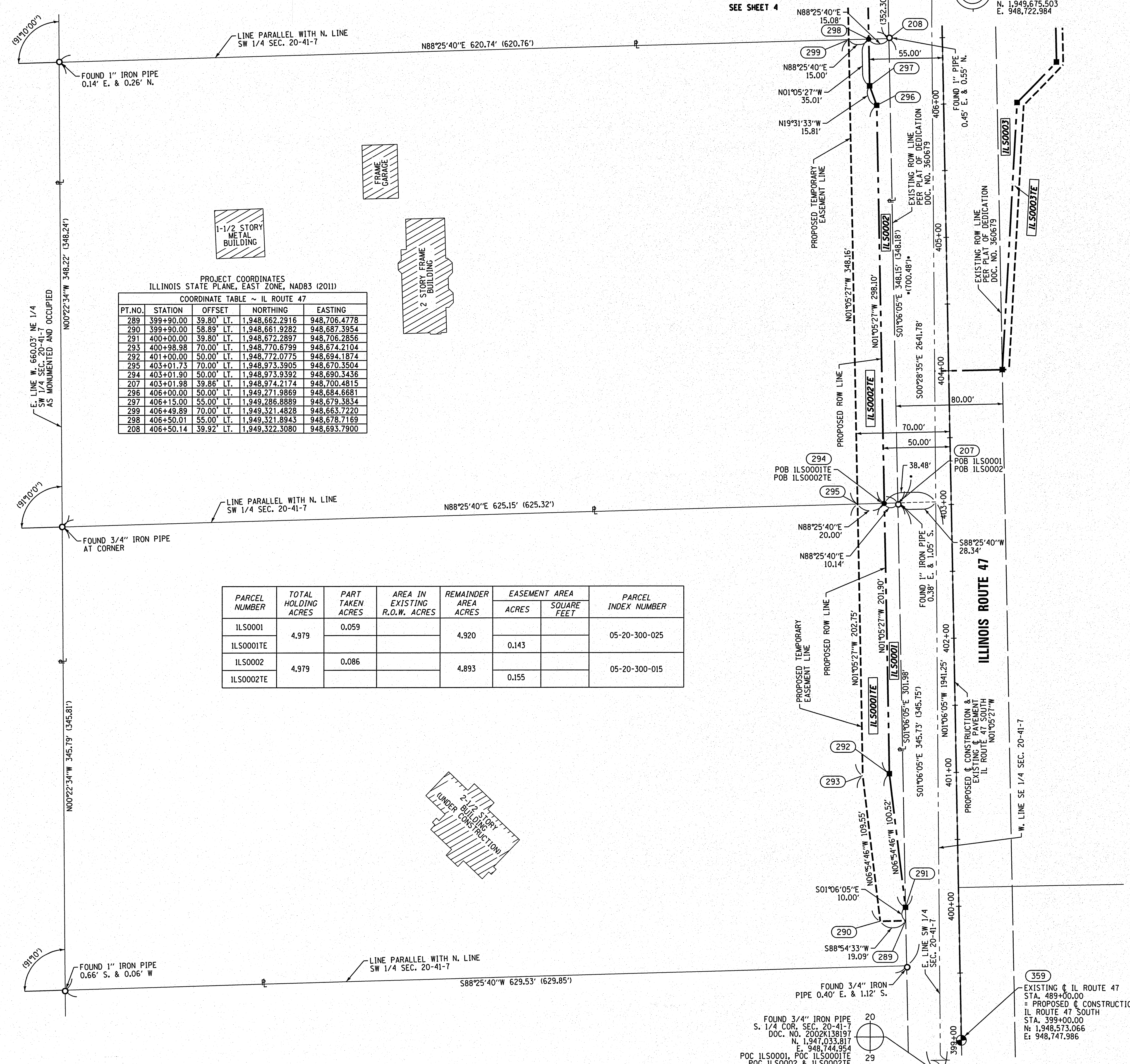
PT. NO.	STATION	OFFSET	NORTHING	EASTING
289	399+90.00	39.80' LT.	1,948,662.2916	948,706.4778
290	399+90.00	58.89' LT.	1,948,661.9282	948,687.3954
291	400+00.00	39.80' LT.	1,948,672.2897	948,706.2856
293	400+98.98	70.00' LT.	1,948,770.6799	948,674.2104
292	401+00.00	50.00' LT.	1,948,772.0775	948,694.1874
295	403+01.73	70.00' LT.	1,948,973.3905	948,670.3504
294	403+01.90	50.00' LT.	1,948,973.9392	948,690.3436
207	403+01.98	39.86' LT.	1,948,974.2174	948,700.4815
296	406+00.00	50.00' LT.	1,949,271.9869	948,684.6661
297	406+15.00	55.00' LT.	1,949,286.8889	948,679.3834
299	406+49.89	70.00' LT.	1,949,321.4828	948,663.7220
298	406+50.01	55.00' LT.	1,949,321.8943	948,678.7169
208	406+50.14	39.92' LT.	1,949,322.3080	948,693.7900

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
ILS0001	4.979	0.059		4.920			05-20-300-025
ILS0001TE					0.143		
ILS0002	4.979	0.086		4.893			05-20-300-015
ILS0002TE					0.155		

PRINTING DATE: APRIL 23, 2015 JMH /Microstation/6229 SHEET2.dgn

SEE SHEET 3

SEE SHEET 4



FOUND 3/4" IRON PIPE S. 1/4 COR. SEC. 20-41-7 DOC. NO. 2002K138197 N. 1,947,033.817 E. 948,744.954
 POC ILS0001, POC ILS0001TE, POC ILS0002 & ILS0002TE

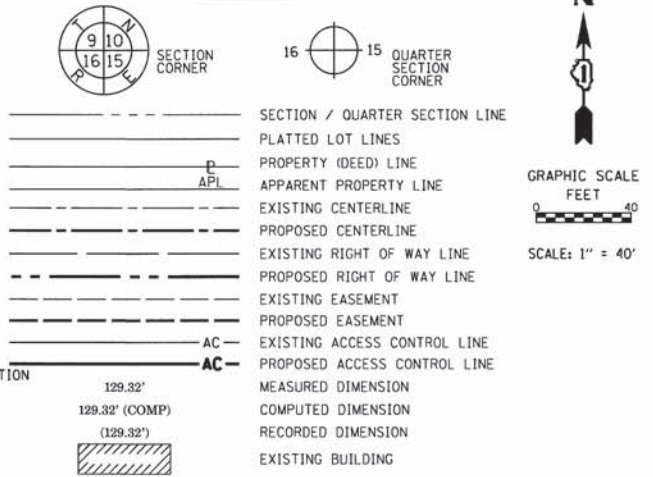
FOUND 3/4" IRON PIPE 0.40' E. & 1.12' S.

EXISTING IL ROUTE 47 STA. 489+00.00 = PROPOSED IL ROUTE 47 SOUTH STA. 399+00.00 N. 1,948,573.066 E. 948,747.986

REVISION DATE: / / REVISION MADE BY:

PART OF THE SE QUARTER OF SECTION 20, TWP. 41 N., R. 7 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

LEGEND



- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

NOTES:
 ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 COORDINATES, BEARINGS & DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99993382.
 AREA SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
) SS
 COUNTY OF WILL)
 THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 41 NORTH, RANGE 7 EAST 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. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS ____ DAY OF _____, 2015 A.D.
PRELIMINARY _____ VICE PRESIDENT
 DAVID A. CLAASSEN
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
 LICENSE EXPIRES NOVEMBER 30, 2016
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



CWA SURVEY
 CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 cclaassen@whitecwa.com
 CWA Job #6229

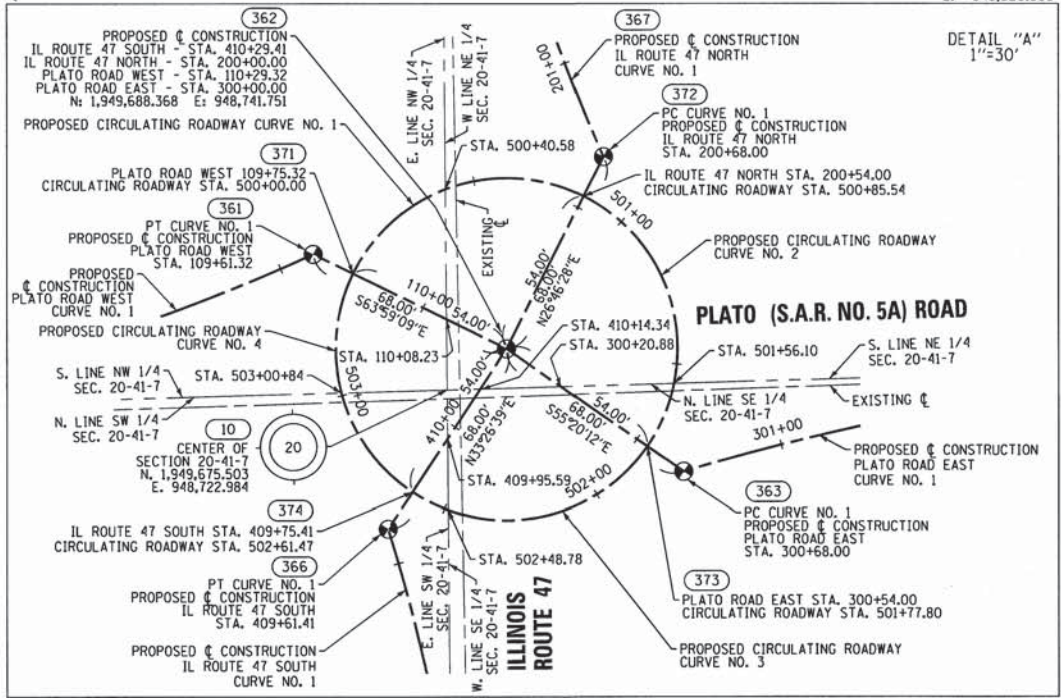
PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 47

LIMITS: @ PLATO ROAD COUNTY: KANE
 SECTION: JOB NO.: R-91-010-11
 STA. 404+00.00 TO STA. 409+09.97 (IL ROUTE 47)
 SCALE: 1" = 40' SHEET 3 OF SHEETS

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

RECEIVED
 FEB 22 2017
 PLATS & LEGALS

REVISION DATE: 02/16/2017 REVISION MADE BY: JLS - REVISED TOTAL HOLDING
 REVISION DATE: 05/19/2015 REVISION MADE BY: JMH - ADDED PARCEL PREFIX



PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
 COORDINATE TABLE ~ ILLINOIS ROUTE 47 SOUTH

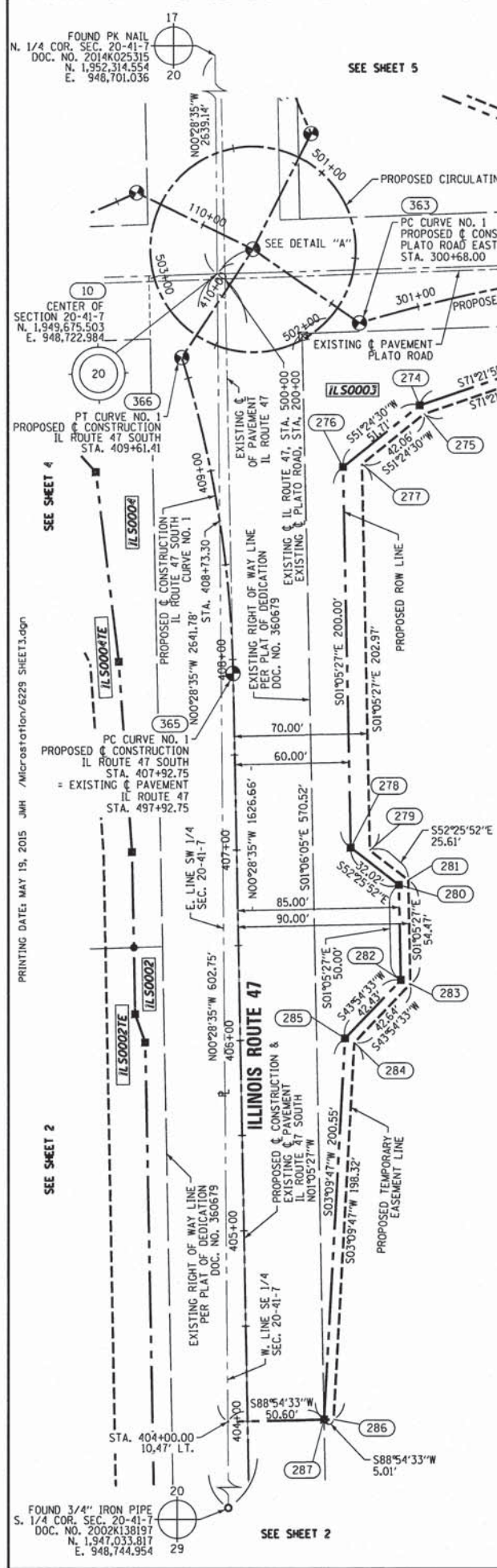
PT.NO.	STATION	OFFSET	NORTHING	EASTING
287	404+00.00	40.12' RT.	1,949,073.7389	948,778.5831
286	404+00.00	45.14' RT.	1,949,073.8344	948,783.5960
284	405+97.78	59.85' RT.	1,949,271.8560	948,794.5390
285	406+00.00	55.00' RT.	1,949,273.9859	948,789.6491
283	406+27.93	90.00' RT.	1,949,302.5761	948,824.1110
282	406+30.00	85.00' RT.	1,949,304.5516	948,819.0725
280	406+80.00	85.00' RT.	1,949,354.5426	948,818.1206
281	406+82.40	90.00' RT.	1,949,357.0404	948,823.0739
279	406+98.40	70.00' RT.	1,949,372.6568	948,802.7729
278	407+00.00	60.00' RT.	1,949,374.0630	948,792.7443
277	408+89.18	78.75' RT.	1,949,575.5879	948,798.9087
276	408+89.41	68.66' RT.	1,949,574.0267	948,788.9366
275	409+05.89	116.06' RT.	1,949,601.8230	948,831.7825
274	409+09.97	114.62' RT.	1,949,606.2797	948,829.3512
10	410+08.34	8.57' LT.	1,949,675.5029	948,722.9840

PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
 COORDINATE TABLE ~ PLATO ROAD EAST

PT.NO.	STATION	OFFSET	NORTHING	EASTING
274	300+87.29	50.39' RT.	1,949,606.2797	948,829.3512
275	300+88.57	55.32' RT.	1,949,601.8230	948,831.7825
273	301+97.27	41.77' RT.	1,949,634.7085	948,929.3037
272	301+96.85	36.75' RT.	1,949,639.6402	948,928.2809
271	303+00.35	35.00' RT.	1,949,648.0150	949,028.0549
270	303+00.47	40.00' RT.	1,949,643.0220	949,028.3487
267	307+00.35	30.00' RT.	1,949,666.5271	949,427.6577
268	307+00.35	35.00' RT.	1,949,661.5253	949,427.8267
269	307+00.35	40.00' RT.	1,949,656.5282	949,427.9956

CURVE DATA	CURVE DATA	CURVE DATA	CURVE DATA
PROPOSED CENTERLINE	PROPOSED CENTERLINE	PROPOSED CENTERLINE	PROPOSED CENTERLINE
CURVE NO. 1 - IL ROUTE 47 NORTH	CURVE NO. 1 - IL ROUTE 47 SOUTH	CURVE NO. 1 - PLATO ROAD WEST	CURVE NO. 1 - PLATO ROAD EAST
Δ = 22°46'32" (RT) D = 09°32'57" R = 600.00' L = 238.55' T = 120.85' E = 12.05'	Δ = 16°06'21" (LT) D = 09°32'57" R = 600.00' L = 238.55' T = 84.89' E = 5.98'	Δ = 22°46'49" (LT) D = 09°32'57" R = 600.00' L = 238.55' T = 120.87' E = 12.05'	Δ = 14°31'02" (RT) D = 07°09'43" R = 800.00' L = 202.70' T = 101.90' E = 6.46'
367 PC STA. 200+68.00 N. 1,949,749.0772 E. 948,772.3838 -- PI STA. 201+88.85 N. 1,949,859.5916 E. 948,723.4880 368 PT STA. 203+06.50 N. 1,949,980.4177 E. 948,721.1872	365 PC STA. 407+92.75 N. 1,949,465.6568 E. 948,730.9893 -- PI STA. 408+77.64 N. 1,949,550.5317 E. 948,729.3731 366 PT STA. 409+61.41 N. 1,949,631.6269 E. 948,704.2748	360 PC STA. 107+22.76 N. 1,949,663.9285 E. 948,449.9514 -- PI STA. 108+43.64 N. 1,949,667.8236 E. 948,570.7618 361 PT STA. 109+61.32 N. 1,949,718.1921 E. 948,680.6405	363 PC STA. 300+68.00 N. 1,949,649.6927 E. 948,797.6818 -- PI STA. 301+69.90 N. 1,949,678.5520 E. 948,895.4046 364 PT STA. 302+70.70 N. 1,949,681.9936 E. 949,997.2416
CURVE DATA	CURVE DATA	CURVE DATA	CURVE DATA
PROPOSED CENTERLINE	PROPOSED CENTERLINE	PROPOSED CENTERLINE	PROPOSED CENTERLINE
CURVE NO. 1 - CIRCULATING ROAD	CURVE NO. 2 - CIRCULATING ROAD	CURVE NO. 3 - CIRCULATING ROAD	CURVE NO. 4 - CIRCULATING ROAD
Δ = 90°46'37" (RT) D = 106°06'12" R = 54.00' L = 85.54' T = 54.72' E = 22.88'	Δ = 97°33'19" (RT) D = 106°06'12" R = 54.00' L = 92.26' T = 62.00' E = 28.22'	Δ = 88°46'51" (RT) D = 106°06'12" R = 54.00' L = 83.67' T = 52.86' E = 21.57'	Δ = 82°33'12" (RT) D = 106°06'12" R = 54.00' L = 77.82' T = 47.42' E = 17.86'
371 PC STA. 500+00.00 N. 1,949,712.0518 E. 948,693.2221 -- PI STA. 500+54.72 N. 1,949,761.2292 E. 948,711.2225 372 PT STA. 500+85.54 N. 1,949,736.5783 E. 948,766.0771	372 PC STA. 500+85.54 N. 1,949,736.5783 E. 948,766.0771 -- PI STA. 501+47.54 N. 1,949,708.6493 E. 948,821.4282 373 PT STA. 502+61.47 N. 1,949,657.6552 E. 948,786.1666	373 PC STA. 501+77.80 N. 1,949,657.6552 E. 948,786.1666 -- PI STA. 502+30.66 N. 1,949,614.1749 E. 948,756.1007 374 PT STA. 502+61.47 N. 1,949,643.3089 E. 948,711.9905	374 PC STA. 502+61.47 N. 1,949,643.3089 E. 948,711.9905 -- PI STA. 503+08.89 N. 1,949,669.4404 E. 948,672.4262 371 PT STA. 503+39.29 N. 1,949,712.0518 E. 948,693.2221

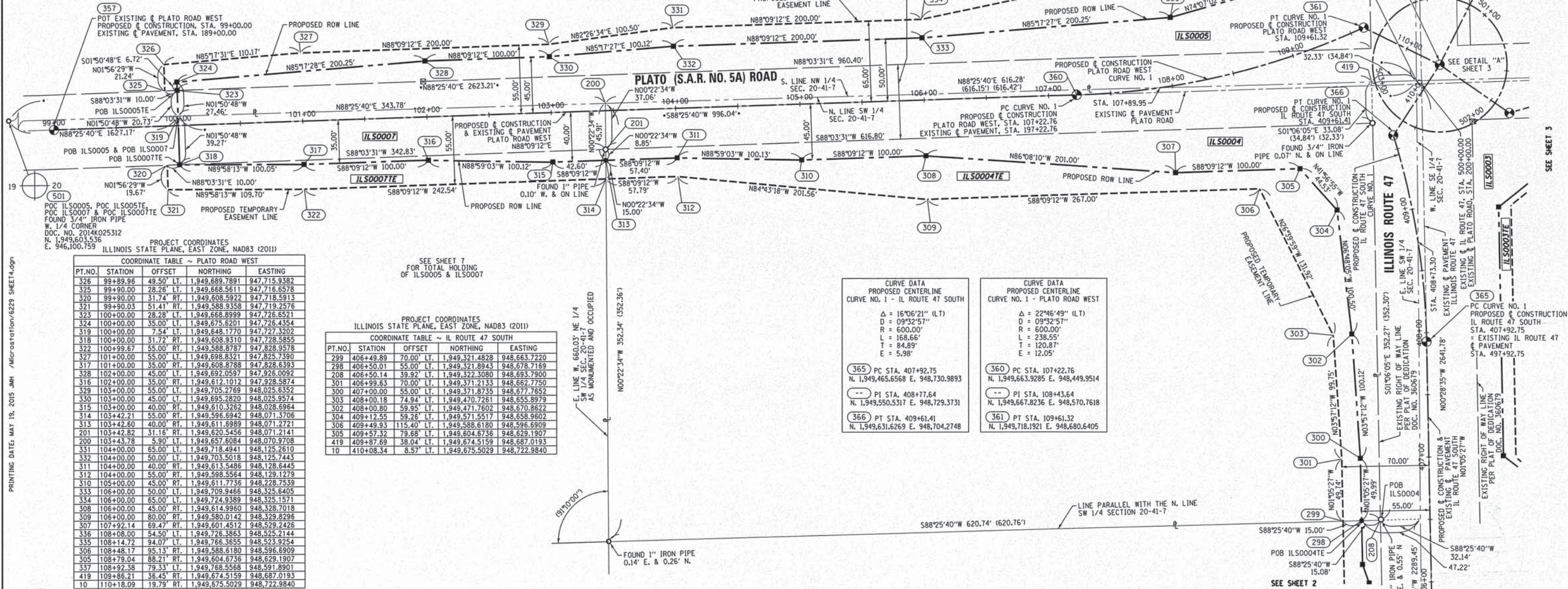
PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	PARCEL INDEX NUMBER
ILS0003	96.870	1.533	1.116	95.337		05-20-400-004
ILS0003TE					0.158	05-20-400-007



FOUND 3/4" IRON PIPE
 S. 1/4 COR. SEC. 20-41-7
 DOC. NO. 2002K138197
 N. 1,947,033.817
 E. 948,744.954

PRINTING DATE: MAY 15, 2015 JMH /Microstation/6228 SHEET3.dgn

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
ILS0004	5.002	0.956	0.496	4.046			05-20-300-014
ILS0004TE					0.432		
ILS0005	40.000	2.493	1.473	37.507			05-20-100-004
ILS0005TE					0.789		
ILS0007	19.977	0.336	0.301	19.641			05-20-300-005
ILS0007TE					0.151		



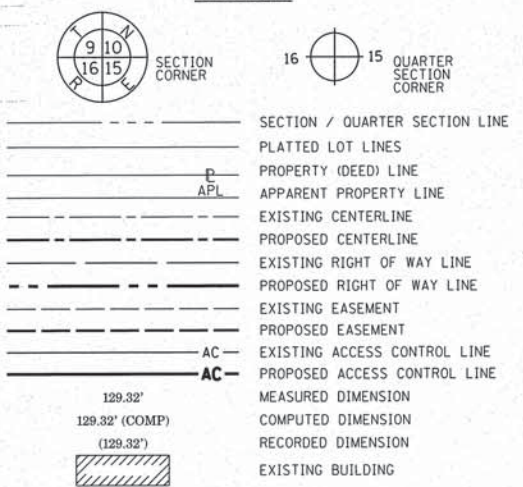
PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

PT. NO.	STATION	OFFSET	NORTHING	EASTING
326	99+89.96	49.50' LT.	1,949,689.7891	947,715.9382
325	99+90.00	28.26' LT.	1,949,688.5611	947,716.8578
320	99+90.00	31.74' RT.	1,949,688.5922	947,718.5913
321	99+90.03	51.41' RT.	1,949,588.9358	947,719.2576
323	100+00.00	28.28' LT.	1,949,688.8989	947,719.2576
324	100+00.00	35.00' LT.	1,949,675.6201	947,726.4354
319	100+00.00	7.54' LT.	1,949,648.1770	947,727.3202
318	100+00.00	31.72' RT.	1,949,608.9310	947,728.5855
322	100+99.67	55.00' RT.	1,949,588.8787	947,828.9578
327	101+00.00	55.00' RT.	1,949,698.8321	947,825.7390
317	101+00.00	35.00' RT.	1,949,608.8788	947,828.6393
328	102+00.00	45.00' LT.	1,949,692.0597	947,926.0092
316	102+00.00	35.00' RT.	1,949,612.1012	947,928.5874
329	103+00.00	55.00' LT.	1,949,705.2769	948,025.6352
330	103+00.00	45.00' LT.	1,949,695.2820	948,025.9574
315	103+00.00	40.00' RT.	1,949,610.3262	948,028.6964
314	103+42.21	55.00' RT.	1,949,596.6942	948,071.3706
313	103+42.82	40.00' RT.	1,949,611.6989	948,071.2721
201	103+42.82	31.16' RT.	1,949,620.5456	948,071.2141
200	103+43.78	5.90' LT.	1,949,657.6084	948,070.9708
331	104+00.00	65.00' LT.	1,949,718.4941	948,125.2610
332	104+00.00	50.00' LT.	1,949,703.5018	948,125.7443
311	104+00.00	40.00' RT.	1,949,613.5486	948,128.6445
312	104+00.00	55.00' RT.	1,949,598.5564	948,129.1279
310	105+00.00	45.00' RT.	1,949,611.7736	948,228.7539
333	106+00.00	50.00' LT.	1,949,709.9466	948,325.6405
334	106+00.00	65.00' LT.	1,949,724.9389	948,325.1571
308	106+00.00	45.00' RT.	1,949,614.9960	948,328.7018
309	106+00.00	80.00' RT.	1,949,580.0142	948,329.8296
307	107+92.14	69.47' RT.	1,949,601.4512	948,529.2426
335	108+08.00	54.50' LT.	1,949,726.3863	948,525.2144
335	108+14.72	94.07' LT.	1,949,766.3655	948,523.9254
306	108+48.17	95.13' RT.	1,949,588.8180	948,598.6909
305	108+79.04	88.21' RT.	1,949,604.6736	948,629.1907
337	108+92.38	79.33' LT.	1,949,768.5568	948,591.8901
419	109+86.21	36.45' RT.	1,949,674.5159	948,687.0193
10	110+18.09	19.79' RT.	1,949,675.5029	948,722.9840

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

PT. NO.	STATION	OFFSET	NORTHING	EASTING
299	406+49.89	70.00' LT.	1,949,321.4828	948,663.7220
298	406+50.01	55.00' LT.	1,949,321.8943	948,678.7169
208	406+50.14	39.92' LT.	1,949,322.3080	948,693.7900
301	406+99.63	70.00' LT.	1,949,371.2133	948,662.7750
300	407+00.00	55.00' LT.	1,949,371.8735	948,677.7652
303	408+00.18	74.94' LT.	1,949,470.7261	948,655.8979
302	408+00.80	59.95' LT.	1,949,471.7602	948,670.8622
304	409+12.55	59.26' LT.	1,949,571.5517	948,658.9602
306	409+49.93	115.40' LT.	1,949,588.6180	948,596.6909
305	409+57.32	79.68' LT.	1,949,604.6736	948,629.1907
419	409+87.69	38.04' LT.	1,949,674.5159	948,687.0193
10	410+08.34	8.57' LT.	1,949,675.5029	948,722.9840

LEGEND



- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- ⊕ CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- ⊙ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

NOTES:
ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
COORDINATES, BEARINGS & DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99993382.
AREA SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
COUNTY OF WILL)
SS)
THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 41 NORTH, RANGE 7 EAST 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. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT JOLIET, ILLINOIS THIS ____ DAY OF _____, 2015 A.D.

PRELIMINARY
DAVID A. CLAASSEN
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
LICENSE EXPIRES NOVEMBER 30, 2016
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



IDOT USE ONLY
RECEIVED
MAY 19 2015
PLATS & LEASINGS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47

LIMITS: @ PLATO ROAD COUNTY: KANE
SECTION: TO STA. 110+18.09 (PLATO ROAD) JOB NO.: R-91-010-11
SCALE: 1" = 40' SHEET 4 OF SHEETS

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

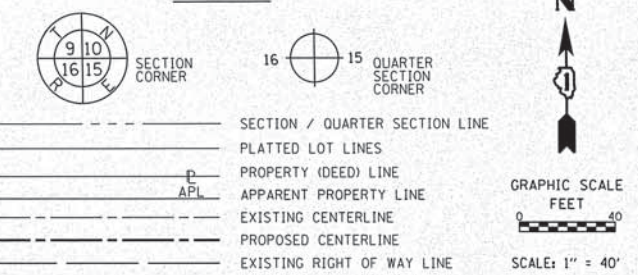
PRINTING DATE: MAY 19, 2015 JMH /micrOSTATION/6229 SHEET4.dgn

SEE SHEET 5

SEE SHEET 3

PART OF THE N. HALF OF SECTION 20, TWP. 41 N., R. 7 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

LEGEND



PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

PT. NO.	STATION	OFFSET	NORTHING	EASTING
255	301+21.05	115.98' LT.	1,949,776.1827	948,823.6093
256	301+25.03	118.90' LT.	1,949,780.0182	948,827.4349
257	302+05.02	57.89' LT.	1,949,734.5860	948,925.0722
258	302+06.39	62.79' LT.	1,949,739.6194	948,925.9758
259	304+00.35	55.00' LT.	1,949,741.3412	949,124.9580
260	304+00.35	60.00' LT.	1,949,746.3384	949,124.7892
261	305+00.35	45.00' LT.	1,949,734.7245	949,225.2387
262	305+00.35	55.00' LT.	1,949,744.7188	949,224.9010
263	307+00.35	40.00' LT.	1,949,736.4825	949,425.2935
264	307+00.35	35.00' LT.	1,949,731.4854	949,425.4624
265	307+00.35	30.00' LT.	1,949,726.4928	949,425.6311
266	307+00.35	1.69' RT.	1,949,694.8165	949,426.7016

COORDINATE TABLE ~ PLATO ROAD WEST

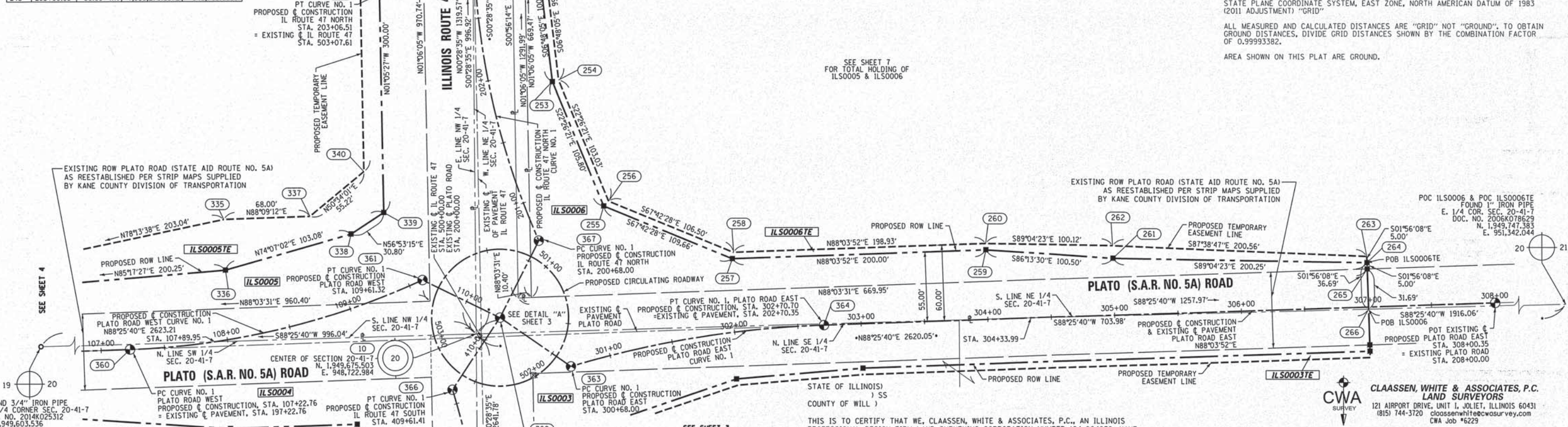
PT. NO.	STATION	OFFSET	NORTHING	EASTING
336	108+08.00	54.50' LT.	1,949,726.3863	948,525.2144
335	108+14.72	94.07' LT.	1,949,766.3655	948,523.9254
337	108+92.38	79.33' LT.	1,949,768.5568	948,591.8901
338	109+21.63	55.36' LT.	1,949,754.5957	948,624.3568
340	109+53.79	96.84' LT.	1,949,803.6288	948,634.5373
339	109+55.16	61.06' LT.	1,949,771.4203	948,650.1533
10	110+18.09	19.79' RT.	1,949,675.5029	948,722.9840

COORDINATE TABLE ~ ILLINOIS ROUTE 47 NORTH

PT. NO.	STATION	OFFSET	NORTHING	EASTING
255	200+72.49	57.80' RT.	1,949,776.1827	948,823.6093
256	200+74.77	62.83' RT.	1,949,780.0182	948,827.4349
339	201+27.47	106.21' LT.	1,949,771.4203	948,650.1533
340	201+57.39	111.87' LT.	1,949,803.6288	948,634.5373
253	201+88.49	49.38' RT.	1,949,873.9724	948,783.2250
254	201+88.71	54.43' RT.	1,949,875.2463	948,788.1085
251	202+98.21	49.95' RT.	1,949,973.7638	948,771.3230
252	202+98.54	54.94' RT.	1,949,974.2326	948,776.3025
341	203+98.90	75.00' LT.	1,950,071.3659	948,644.4417
249	203+98.90	45.00' RT.	1,950,073.6505	948,764.4200
250	203+99.02	50.00' RT.	1,950,073.8706	948,769.4167
342	204+98.90	70.00' LT.	1,950,171.4430	948,647.5370
343	204+98.90	90.00' LT.	1,950,171.0622	948,627.5406
247	205+98.90	45.00' RT.	1,950,273.6143	948,760.6123
344	205+98.90	60.00' LT.	1,950,271.6152	948,655.6313
345	205+98.90	75.00' LT.	1,950,271.3296	948,640.6340
248	205+99.03	50.00' RT.	1,950,273.8372	948,765.6089

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
ILS0005	40.000	2.493	1.473	37.507	0.789		05-20-100-004
ILS0006	68.819	1.891	1.310	66.928	0.195		05-20-200-005

CURVE DATA PROPOSED CENTERLINE CURVE NO. 1 - IL ROUTE 47 NORTH	CURVE DATA PROPOSED CENTERLINE CURVE NO. 1 - PLATO ROAD WEST	CURVE DATA PROPOSED CENTERLINE CURVE NO. 1 - PLATO ROAD EAST
Δ = 22°46'32" (RT) D = 09°32'57" R = 600.00' L = 238.50' T = 120.85' E = 12.05'	Δ = 22°46'49" (LT) D = 09°32'57" R = 600.00' L = 238.55' T = 120.87' E = 12.05'	Δ = 14°31'02" (RT) D = 07°09'43" R = 800.00' L = 202.70' T = 101.90' E = 6.46'



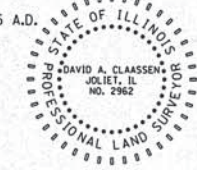
PRINTING DATE: MAY 19, 2015 JMH /micrstation/6229 SHEET15.dgn

SEE SHEET 7 FOR TOTAL HOLDING OF ILS0005 & ILS0006

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 41 NORTH, RANGE 7 EAST 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, THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS _____ DAY OF _____, 2015 A.D.

PRELIMINARY
DAVID A. CLAASSEN
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
LICENSE EXPIRES NOVEMBER 30, 2016
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



IDOT USE ONLY
RECEIVED
MAY 19 2015
PLATS & RECORDS

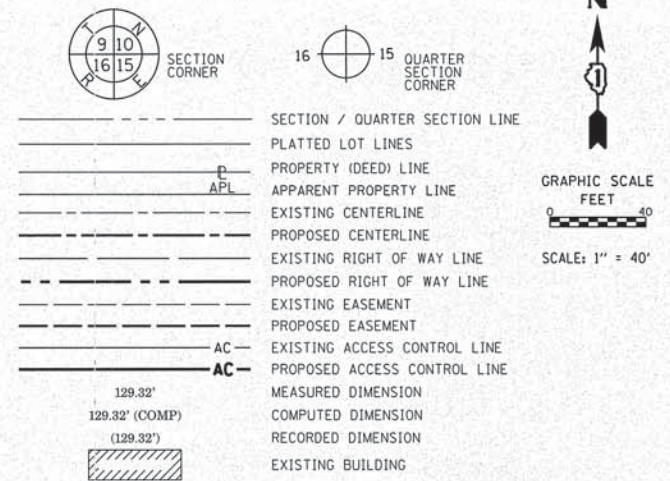
CWA SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 claassenwhite@cwasurevey.com
CWA Job #6229

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47

LIMITS: PLATO ROAD COUNTY: KANE
SECTION: JOB NO.: R-91-010-11
STA. 200+72.49 TO STA. 205+99.03 (IL ROUTE 47)
SCALE: 1" = 40' SHEET 52 OF 107 SHEETS

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

LEGEND



- IRON PIPE OR ROD FOUND
- ⊕ "MAC" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- ⊕ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

NOTES:
 ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 COORDINATES, BEARINGS & DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
 ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99993382.
 AREA SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
) SS
 COUNTY OF WILL)

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 41 NORTH, RANGE 7 EAST 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. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS ____ DAY OF _____, 2015 A.D.

PRELIMINARY _____ VICE PRESIDENT
 DAVID A. CLAASSEN
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
 LICENSE EXPIRES NOVEMBER 30, 2016
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



CWA SURVEY
 CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 claassenwhite@cwasurevey.com
 CWA Job #6229

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 47

LIMITS: PLATO ROAD COUNTY: KANE
 SECTION: JOB NO.: R-91-010-11
 STA. 205+98.90 TO STA. 210+09.03 (IL ROUTE 47)
 SCALE: 1" = 40' SHEET 6 OF SHEETS

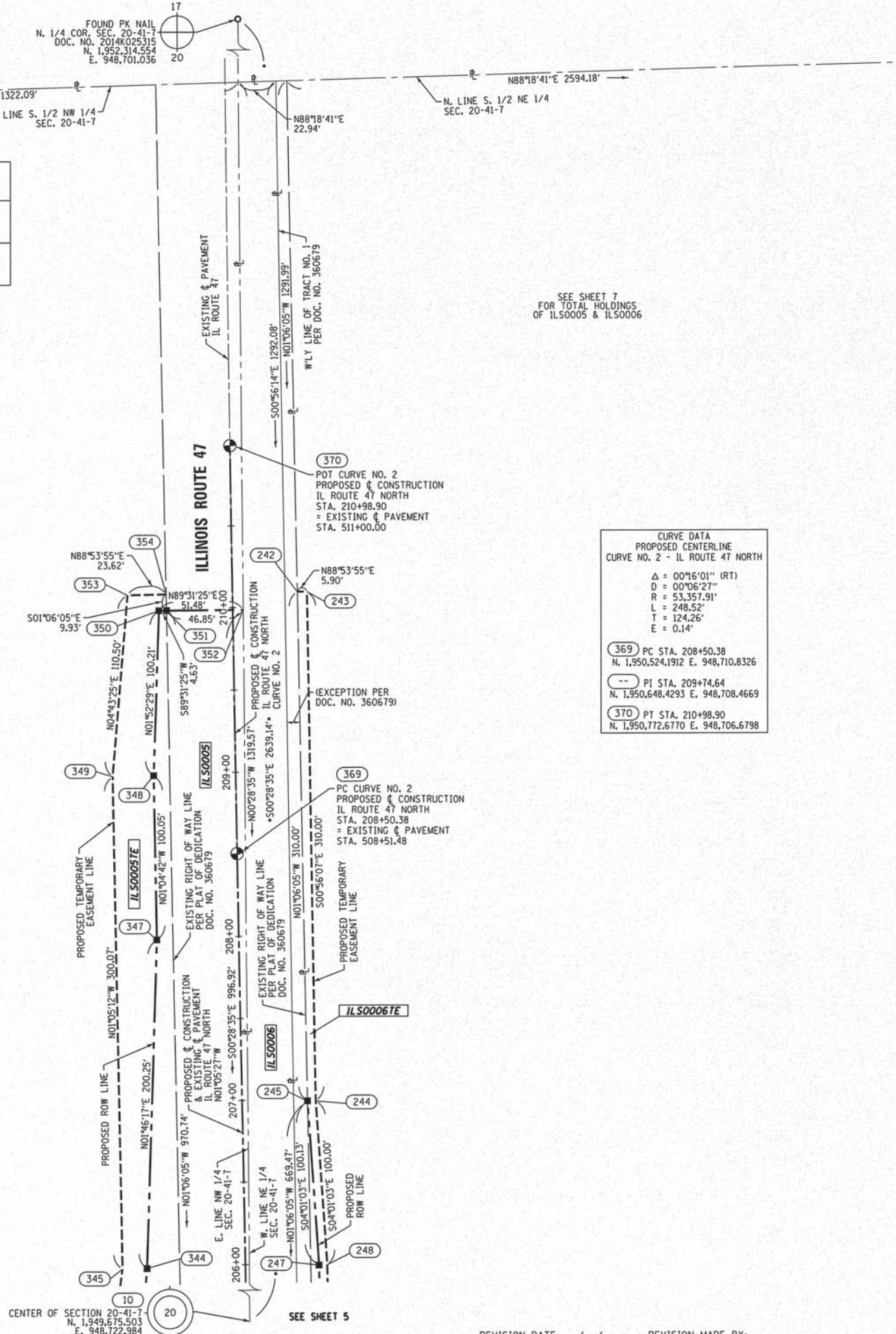
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY
 RECEIVED
 MAY 19 2015
 PLATS & LEASURES

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
ILS0005	40.000	2.493	1.473	37.507	0.789		05-20-100-004
ILS0005TE							
ILS0006	68.819	1.891	1.310	66.928	0.195		05-20-200-005
ILS0006TE							

PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
 COORDINATE TABLE ~ ILLINOIS ROUTE 47 NORTH

PT. NO.	STATION	OFFSET	NORTHING	EASTING
247	205+98.90	45.00' RT.	1,950,273.6143	948,760.6123
344	205+98.90	60.00' LT.	1,950,271.6152	948,655.6313
345	205+98.90	75.00' LT.	1,950,271.3296	948,640.6340
248	205+99.03	50.00' RT.	1,950,273.8372	948,765.6089
245	206+98.90	39.89' RT.	1,950,373.4988	948,753.5971
244	206+98.90	44.89' RT.	1,950,373.5941	948,758.6028
347	207+98.90	50.00' LT.	1,950,471.7894	948,661.8218
348	208+98.90	50.00' LT.	1,950,571.7971	948,659.9391
349	208+98.90	75.00' LT.	1,950,571.3439	948,634.9432
352	209+98.49	5.48' RT.	1,950,672.3854	948,714.6933
351	209+98.86	40.37' LT.	1,950,671.9958	948,667.8442
350	209+98.90	45.00' LT.	1,950,671.9573	948,663.2176
353	210+08.71	64.02' LT.	1,950,681.4686	948,644.0425
354	210+08.78	40.40' LT.	1,950,681.9225	948,667.6534
242	210+09.01	39.60' RT.	1,950,683.4393	948,747.6390
243	210+09.03	45.50' RT.	1,950,683.5528	948,753.5420



CURVE DATA
 PROPOSED CENTERLINE
 CURVE NO. 2 - IL ROUTE 47 NORTH

Δ = 00°16'01" (RT)
 D = 00°06'27"
 R = 53,357.91'
 L = 248.52'
 T = 124.26'
 E = 0.14'

369 PC STA. 208+50.38
 N. 1,950,524.1912 E. 948,710.8326

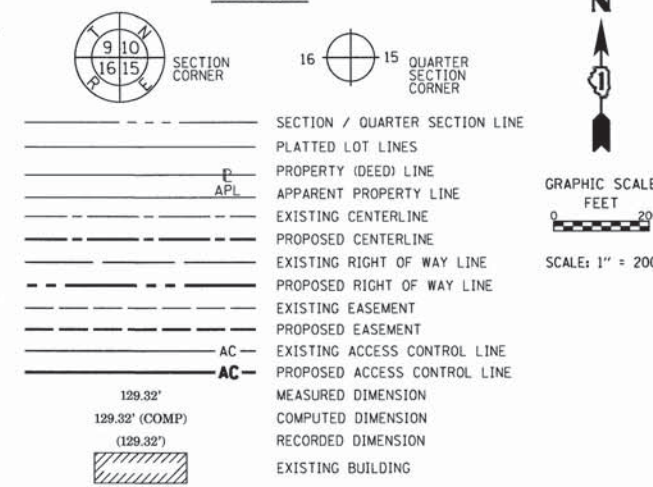
-- PI STA. 209+74.64
 N. 1,950,648.4293 E. 948,708.4669

370 PT STA. 210+98.90
 N. 1,950,772.6770 E. 948,706.6798

PRINTING DATE: APRIL 24, 2015 JMH /Microstation/6229 SHEETS.dgn

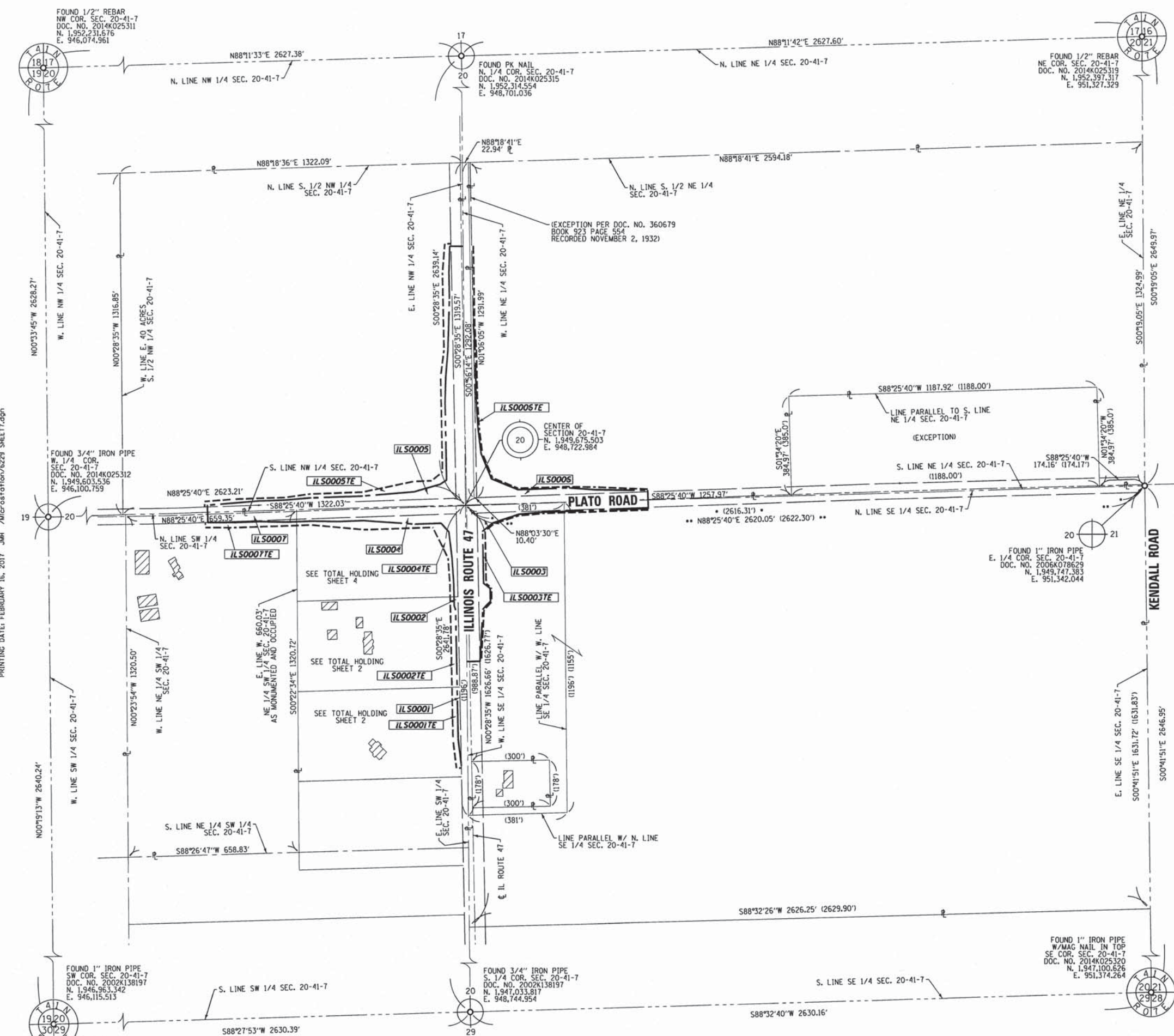
SECTION 20, TWP. 41 N., R. 7 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

LEGEND



- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- "MAG" NAIL SET
- 5/8" REBAR SET
- BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION.
- PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

NOTES:
 ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 COORDINATES, BEARINGS & DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
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 AREA SHOWN ON THIS PLAT ARE GROUND.



PRINTING DATE: FEBRUARY 16, 2017 JMH /microstation/6229 SHEET7.dgn

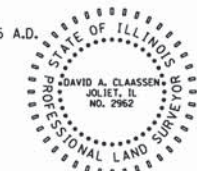
STATE OF ILLINOIS)
) SS
 COUNTY OF WILL)

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 41 NORTH, RANGE 7 EAST 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. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS ____ DAY OF _____, 2015 A.D.

PRELIMINARY _____ VICE PRESIDENT

DAVID A. CLAASSEN
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
 LICENSE EXPIRES NOVEMBER 30, 2016
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



CWA SURVEY
 CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 claassenwhite@cwasurevey.com
 CWA Job #5229

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 47

LIMITS: PLATO ROAD COUNTY: KANE
 SECTION: TO STA. JOB NO.: R-91-010-11
 STA. TO STA.
 SCALE: 1" = 200' SHEET 7 OF SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196
 SHEET # 54-107

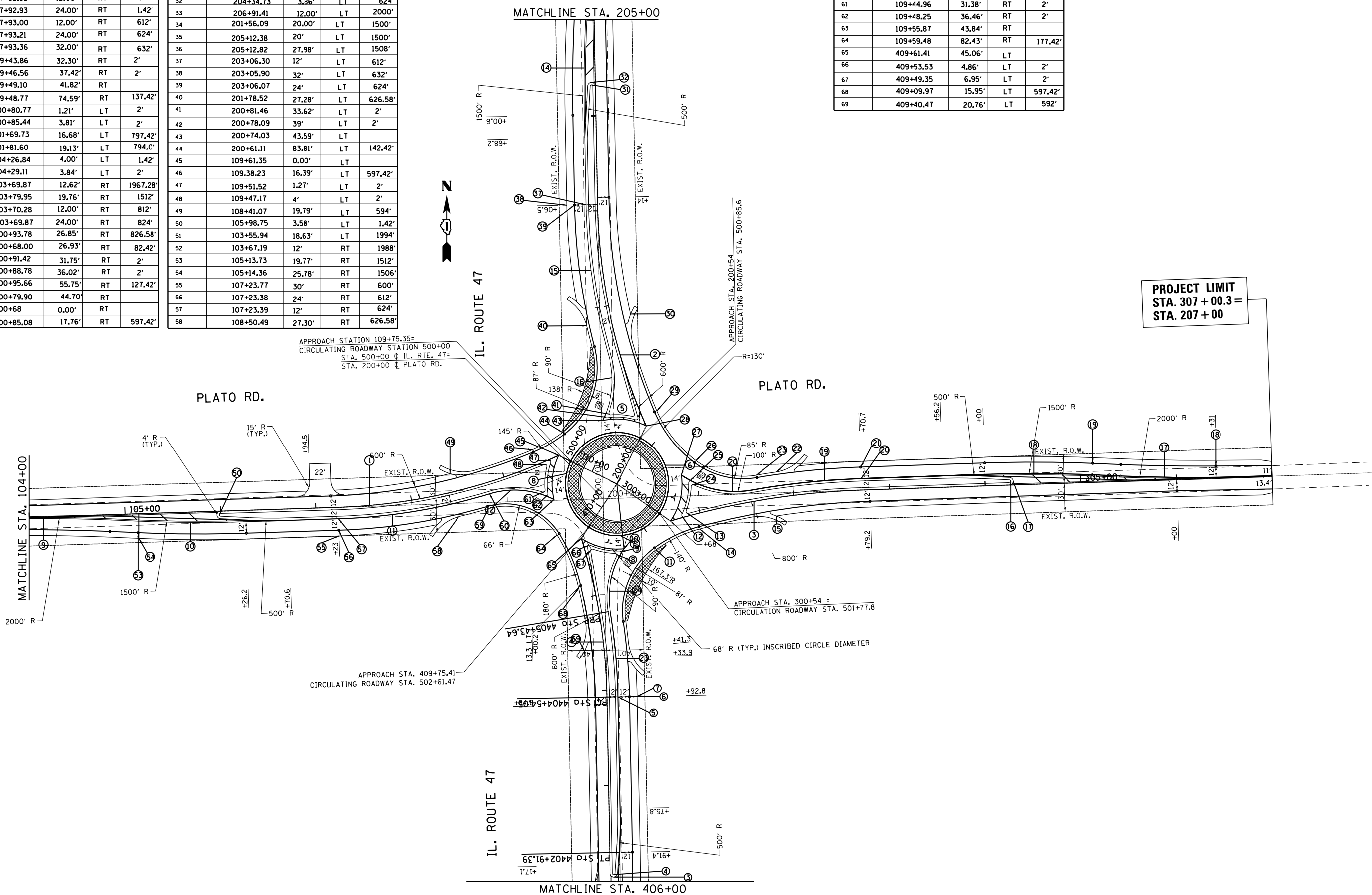
DOT USE ONLY
 RECEIVED
 FEB 22 2017
 PLATS & LEGALS

REVISION DATE: 02/16/17 REVISION MADE BY: JLS REVISED TOTAL HOLDING IL50003
 REVISION DATE: 01/27/17 REVISION MADE BY: JLS ADDED BUILDING ON IL50002

NUMBER	STATION	OFFSET	LOCATION	RADIUS
1	403+39	12.00'	RT	1988.7'
2	405+17.39	5.95'	RT	1512.0'
3	407+92.93	12.00'	RT	4'
4	407+92.93	24.00'	RT	1.42'
5	407+93.00	12.00'	RT	612'
6	407+93.21	24.00'	RT	624'
7	407+93.36	32.00'	RT	632'
8	409+43.86	32.30'	RT	2'
9	409+46.56	37.42'	RT	2'
10	409+49.10	41.82'	RT	2'
11	409+48.77	74.59'	RT	137.42'
12	300+80.77	1.21'	LT	2'
13	300+85.44	3.81'	LT	2'
14	301+69.73	16.68'	LT	797.42'
15	301+81.60	19.13'	LT	794.0'
16	304+26.84	4.00'	LT	1.42'
17	304+29.11	3.84'	LT	2'
18	303+69.87	12.62'	RT	1967.28'
19	303+79.95	19.76'	RT	1512'
20	303+70.28	12.00'	RT	812'
21	303+69.87	24.00'	RT	824'
22	300+93.78	26.85'	RT	826.58'
23	200+68.00	26.93'	RT	82.42'
24	300+91.42	31.75'	RT	2'
25	300+88.78	36.02'	RT	2'
26	300+95.66	55.75'	RT	127.42'
27	300+79.90	44.70'	RT	
28	200+68	0.00'	RT	
29	200+85.08	17.76'	RT	597.42'

NUMBER	STATION	OFFSET	LOCATION	RADIUS
30	201+91.14	21.74'	RT	4'
31	204+31.75	3.95'	LT	1.42'
32	204+34.73	3.86'	LT	624'
33	206+91.41	12.00'	LT	2000'
34	201+56.09	20.00'	LT	1500'
35	205+12.38	20'	LT	1500'
36	205+12.82	27.98'	LT	1508'
37	203+06.30	12'	LT	612'
38	203+05.90	32'	LT	632'
39	203+06.07	24'	LT	624'
40	201+78.52	27.28'	LT	626.58'
41	200+81.46	33.62'	LT	2'
42	200+78.09	39'	LT	2'
43	200+74.03	43.59'	LT	2'
44	200+61.11	83.81'	LT	142.42'
45	109+61.35	0.00'	LT	
46	109.38.23	16.39'	LT	597.42'
47	109+51.52	1.27'	LT	2'
48	109+47.17	4'	LT	2'
49	108+41.07	19.79'	LT	594'
50	105+98.75	3.58'	LT	1.42'
51	103+55.94	18.63'	LT	1994'
52	103+67.19	12'	RT	1988'
53	105+13.73	19.77'	RT	1512'
54	105+14.36	25.78'	RT	1506'
55	107+23.77	30'	RT	600'
56	107+23.38	24'	RT	612'
57	107+23.39	12'	RT	624'
58	108+50.49	27.30'	RT	626.58'

NUMBER	STATION	OFFSET	LOCATION	RADIUS
59	108+82.78	27.75'	RT	63.42'
60	108+84.18	12.55'	RT	90'
61	109+44.96	31.38'	RT	2'
62	109+48.25	36.46'	RT	2'
63	109+55.87	43.84'	RT	
64	109+59.48	82.43'	RT	177.42'
65	409+61.41	45.06'	LT	
66	409+53.53	4.86'	LT	2'
67	409+49.35	6.95'	LT	2'
68	409+09.97	15.95'	LT	597.42'
69	409+40.47	20.76'	LT	592'



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 PLOT DATE = 8/17/2018

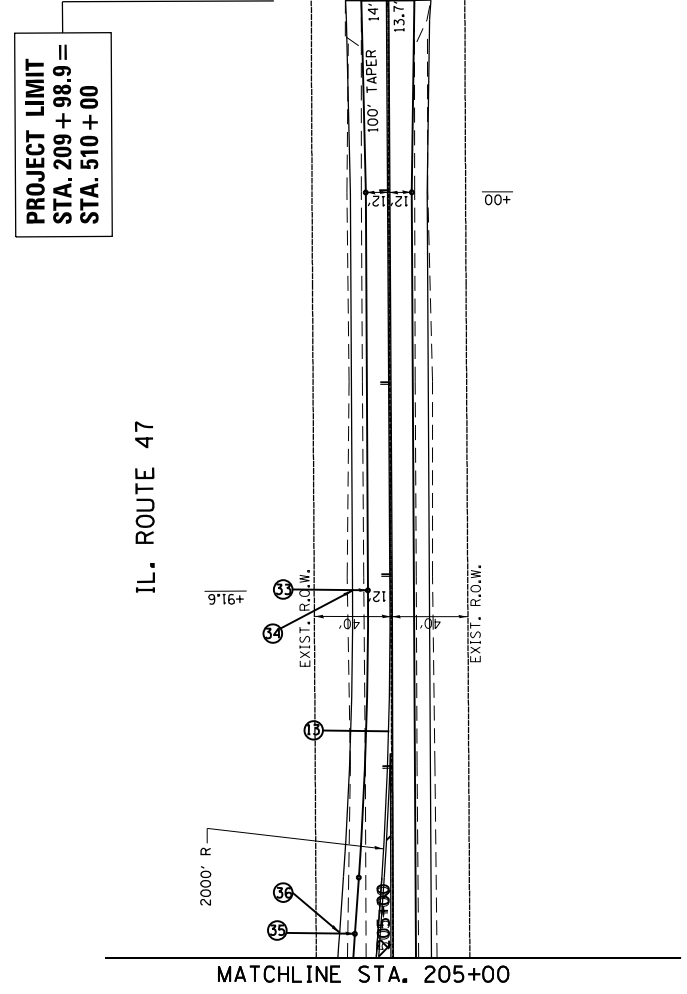
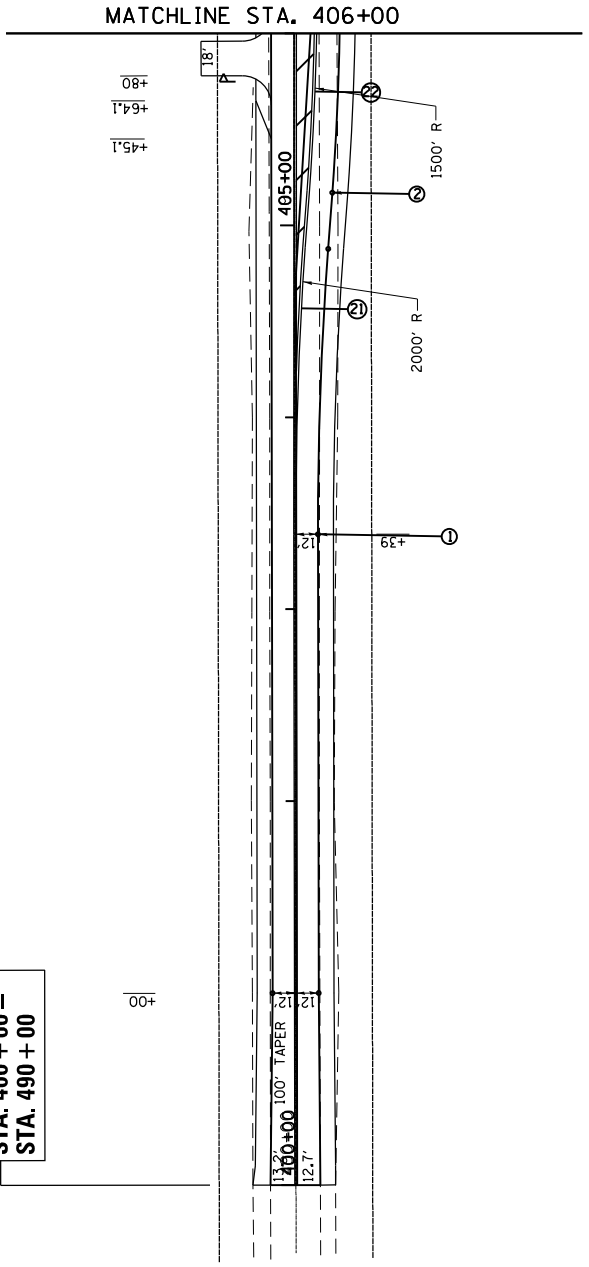
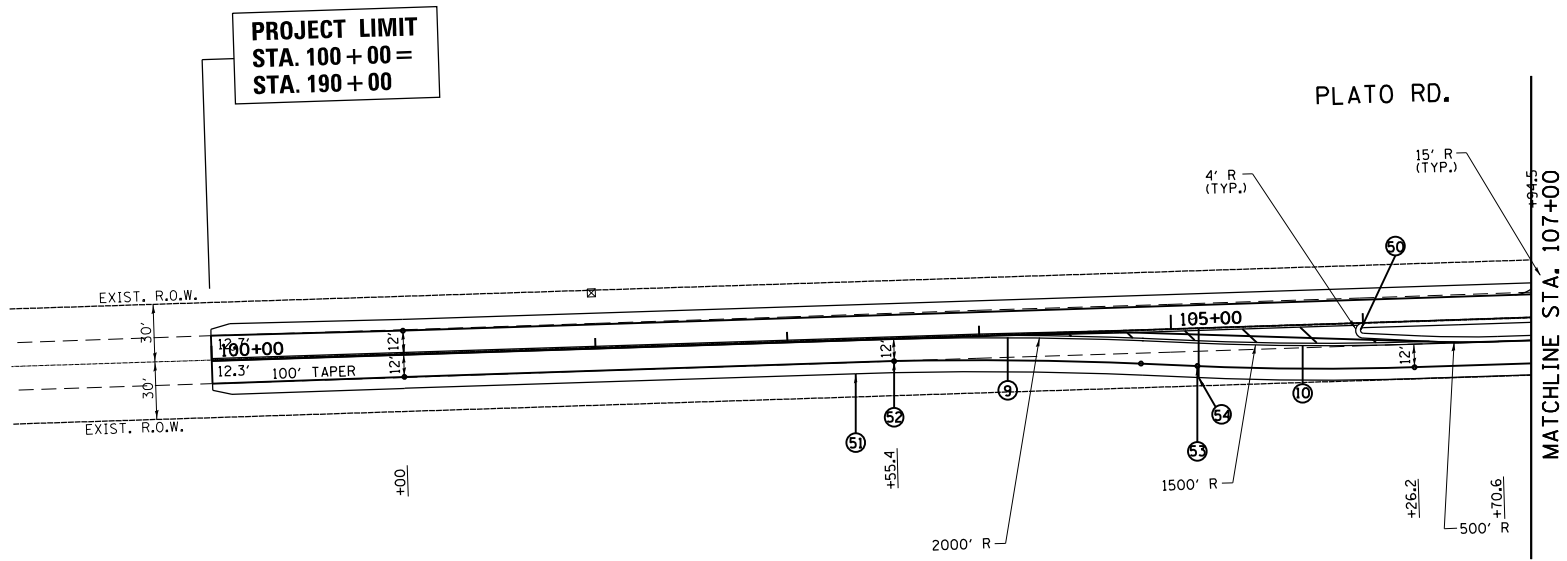
DESIGNED
 DRAWN
 CHECKED
 DATE

REVISED -
 REVISED -
 REVISED -
 -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INTERSECTION DESIGN PLAN
 IL RTE. 47 AT PLATO RD.
 SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 55
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				



PROJECT LIMIT
STA. 100 + 00 =
STA. 190 + 00

PROJECT LIMIT
STA. 400 + 00 =
STA. 490 + 00

PROJECT LIMIT
STA. 209 + 98.9 =
STA. 510 + 00

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P144809-sht-cover.dgn

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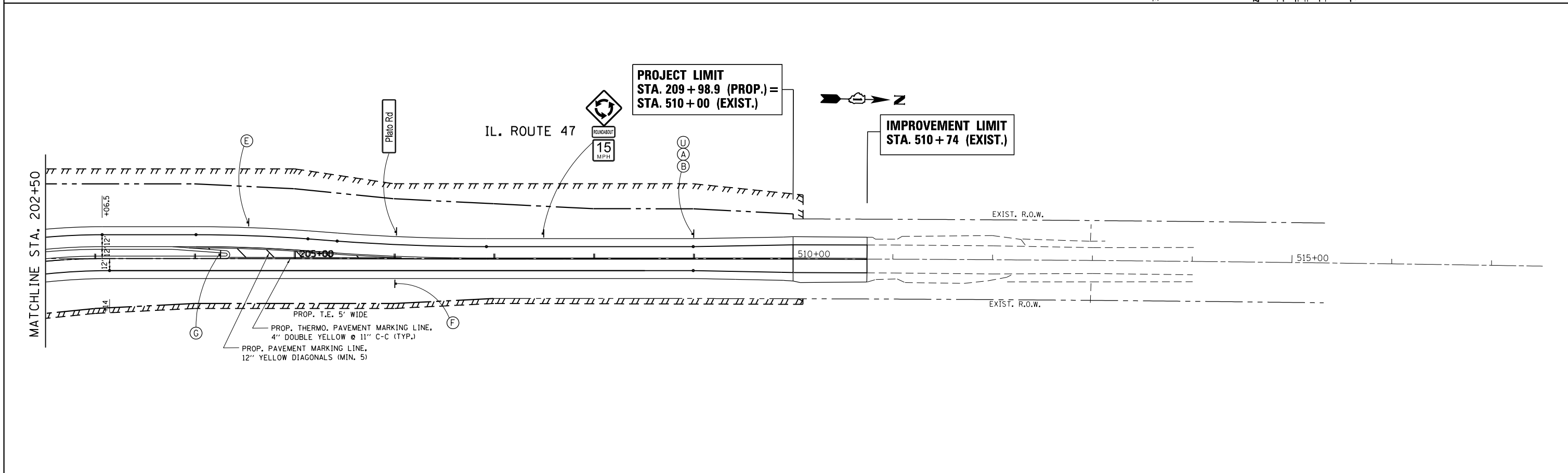
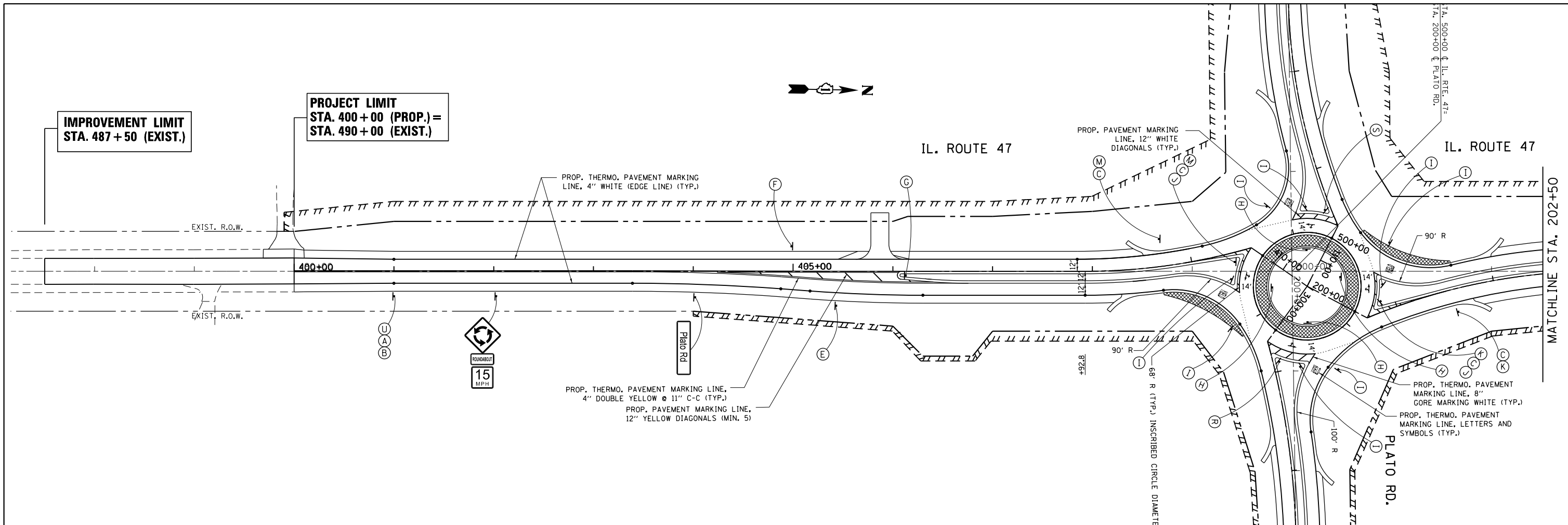
DESIGNED
DRAWN
CHECKED
DATE

REVISED -
REVISED -
REVISED -
-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DESIGN PLAN
IL RTE. 47 AT PLATO RD.
SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	KANE	106	56
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING & SIGNING PLAN (ALT.2) MODERN ROUNDABOUT IL. ROUTE 47 AT PLATO ROAD (PLATO ROAD)	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.1\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\P144809\GAD\Drawings\144809-shd-pmk-B.dwg	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			326	106X-R-4	KANE	107	57
Default	PLOT DATE = 8/24/2018	DATE -	REVISED -			CONTRACT NO. 62F16				
						ILLINOIS FED. AID PROJECT				



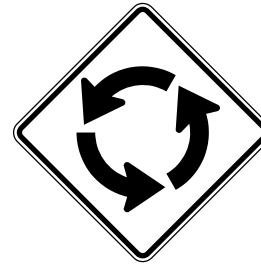
(A)
M2-1
21" X 15"



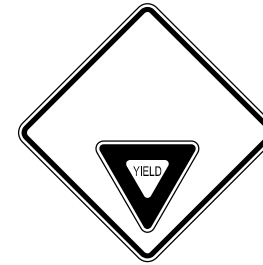
(B)
M1-6
24" X 24"



(C)
M1-1100a
24" X 24"



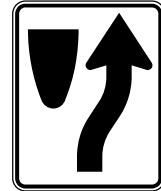
(D)
W2-6
48" X 48"



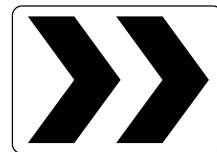
(E)
W3-2
36" X 36"



(F)
R2-1
30" X 36"



(G)
R4-7
24" X 30"



(H)
R6-4
30" X 24"



(I)
R1-2
36" X 36"



(J)
M6-2
21" X 15"



(K)
M3-1
24" X 12"



(L)
M3-2
24" X 12"



(M)
M3-3
24" X 12"



(N)
M3-4
24" X 12"



(O)
24" X 24"
BLACK/YELLOW



(P)
VAR X 15" HIGH
BLACK/WHITE



(Q)
VAR X 18" HIGH
WHITE/GREEN



(R)
VAR X 30"
WHITE/GREEN



(S)
VAR X 30"
WHITE/GREEN



(T)
W16-17
24" X 12"

FILE NAME = P144809-sht-cover.dgn

USER NAME = abebawa

DESIGNED

REVISED -

DRAWN

REVISED -

PLOT SCALE = 100.0000' / in.

CHECKED

REVISED -

PLOT DATE = 8/31/2018

DATE

-

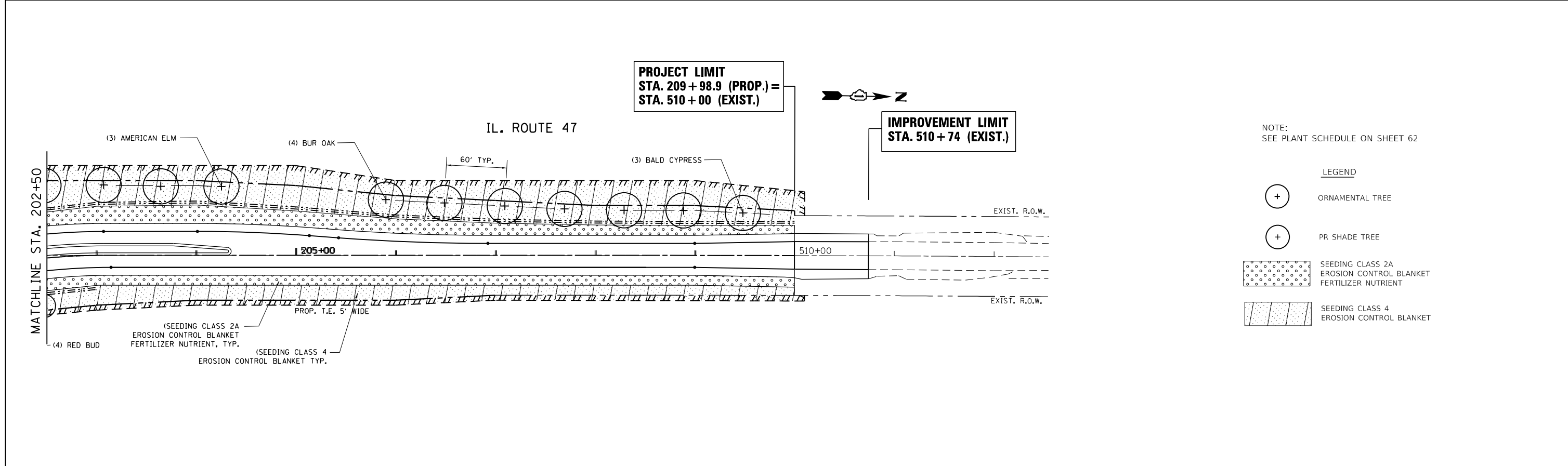
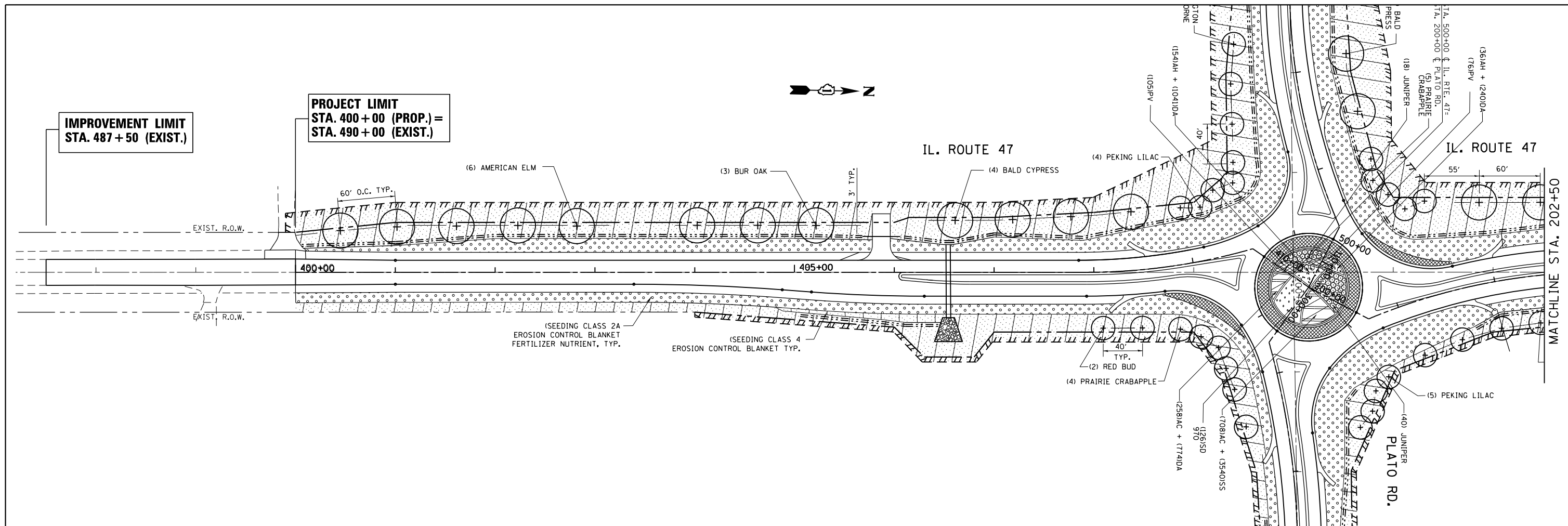
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN
IL RTE. 47 AT PLATO RD.

SCALE: NONE

SHEET NO. OF SHEETS STA. TO STA.

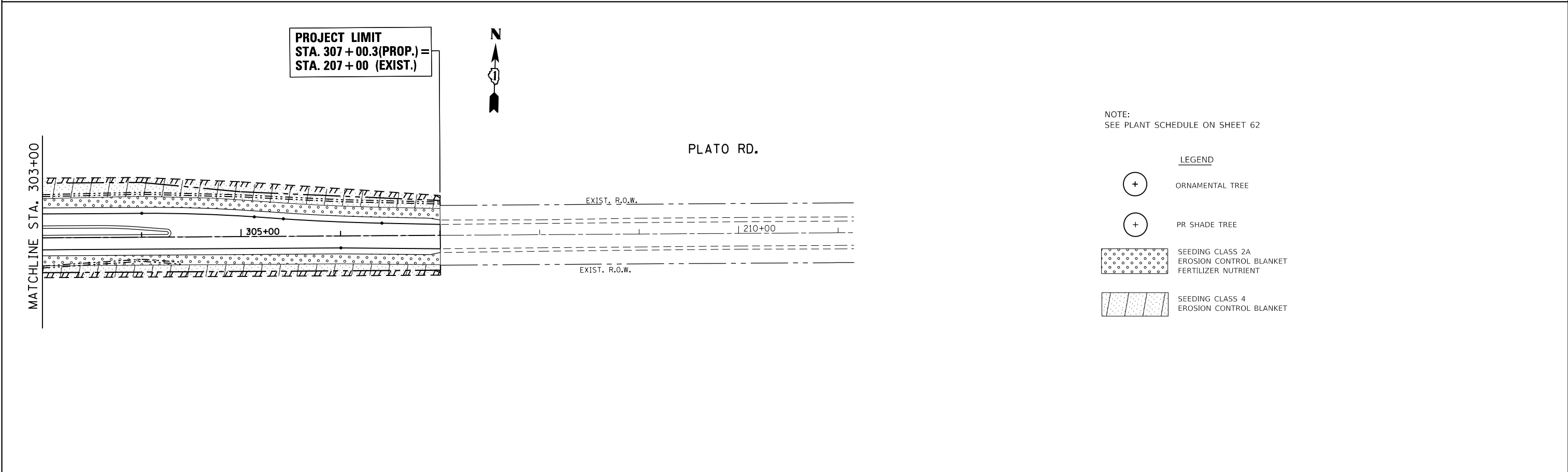
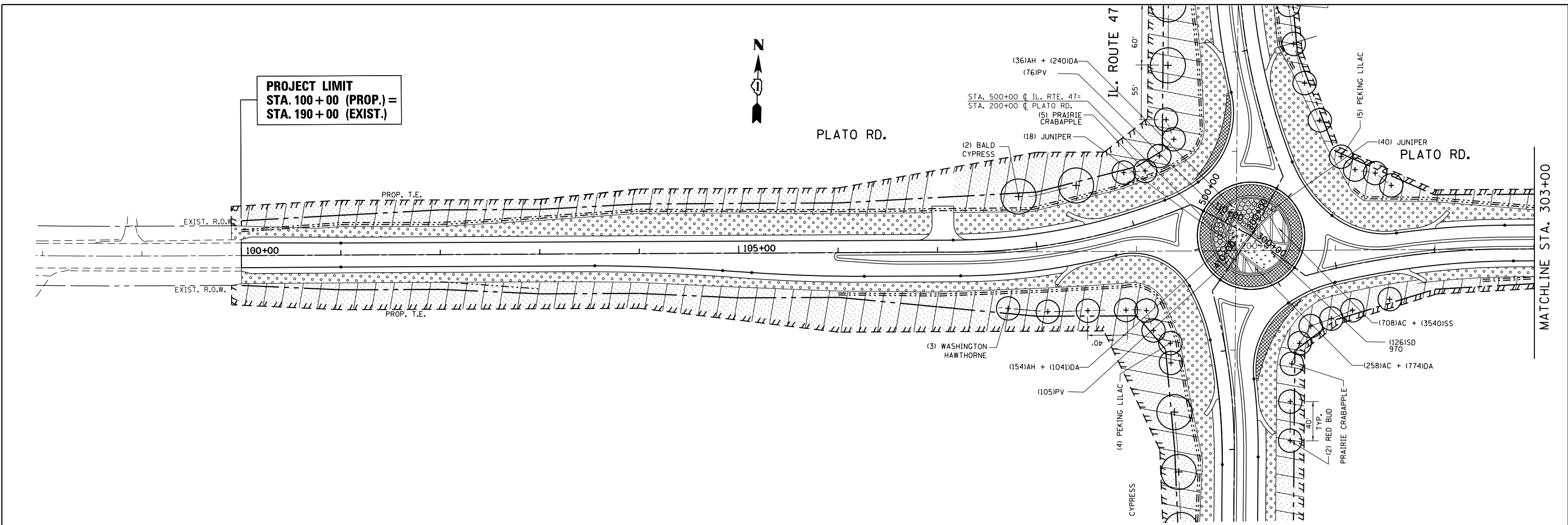
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	KANE	107	59
CONTRACT NO. 62F16				
ILLINOIS FED. AID PROJECT				







NOTE:
SEE PLANT SCHEDULE ON SHEET 62

- LEGEND**
- ORNAMENTAL TREE
 - PR SHADE TREE
 - SEEDING CLASS 2A
EROSION CONTROL BLANKET
FERTILIZER NUTRIENT
 - SEEDING CLASS 4
EROSION CONTROL BLANKET

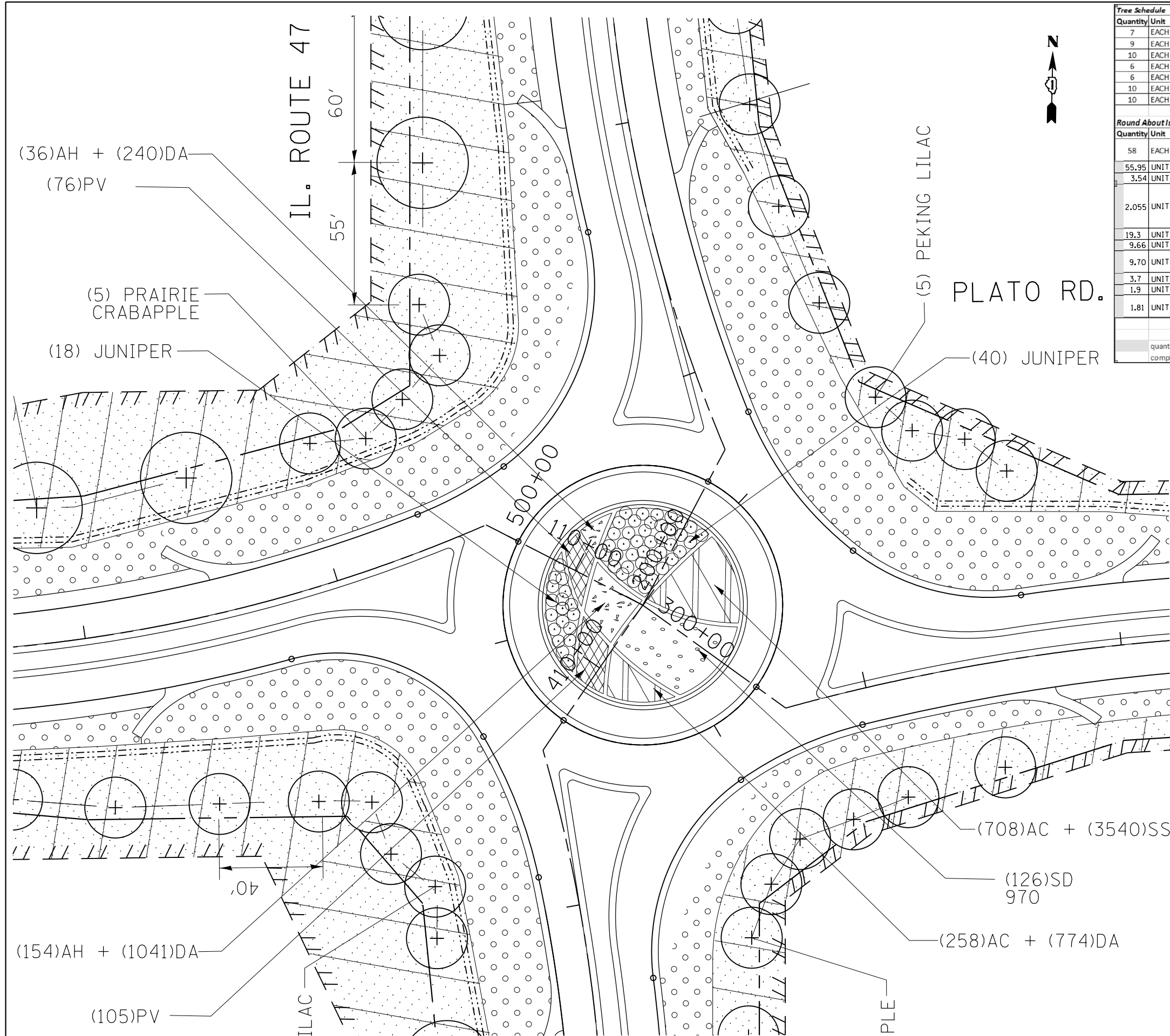
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pw:\IL\084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI44809\CAD\Drawings\PI44809-sht-Indscr		DRAWN	REVISED			326	106X-R-4	KANE	107	60
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	PLOT DATE = 8/17/2018	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				



NOTE:
SEE PLANT SCHEDULE ON SHEET 62

- LEGEND**
-  ORNAMENTAL TREE
 -  PR SHADE TREE
 -  SEEDING CLASS 2A
EROSION CONTROL BLANKET
FERTILIZER NUTRIENT
 -  SEEDING CLASS 4
EROSION CONTROL BLANKET

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING PLAN (ALT. 2) MODERN ROUNDABOUT IL. ROUTE 47 AT PLATO ROAD (PLATO ROAD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default		CHECKED -	REVISED -			326	106X-R-4	KANE	107	61	
		DATE -	REVISED -			CONTRACT NO. 62F16					
						ILLINOIS FED. AID PROJECT					
				SCALE: 1"=50'		SHEET OF SHEETS		STA. TO STA.			

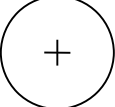
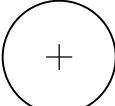
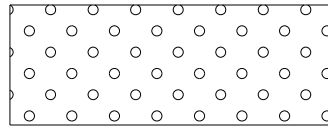
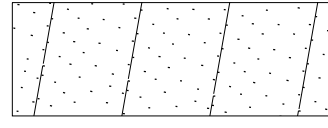


Tree Schedule			
Quantity	Unit	Pay Code	Pay Description
7	EACH	A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED
9	EACH	A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED
10	EACH	A2008470	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED
6	EACH	B2001116	TREE, CERCI CANADENSIS (EASTERN REDBUD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
6	EACH	B2001916	TREE, CRATAEGUS PHAENOPYRUM (WASHINGTON HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
10	EACH	B2003866	TREE, MALUS IOENSIS (PRAIRIE CRABAPPLE), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED
10	EACH	B2006016	TREE, SYRINGA PEKINENSIS (PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED

Round About Island Plant Schedule						
Quantity	Unit	Pay Code	Pay Description	Size	Root	Spacing
58	EACH	D2C01054	EVERGREEN, JUNIPERUS HORIZONTALIS WILTONII (BLUE RUG JUNIPER)	18" WIDTH	CONTAINER	5' o.c.
55.95	UNIT	K0012970	PERENNIAL PLANTS, BULB TYPE			
3.54	UNIT	SS	Scilla siberica	8/+ cm	Bulb	Interplanted, 5 bulbs/SF
2.055	UNIT	DA	DAFFODILS MIX- 50% Narcissus 'Carlton', 12/14 cm 25% Narcissus 'Birna', 10/12 cm 25% Narcissus 'Tahiti', 12/14 cm		Bulb	Interplanted, 3 bulbs/SF
19.3	UNIT	K0012975	PERENNIAL PLANTS, ORNAMENTAL TYPE, 4" POT			
9.66	UNIT	AC	Allium cernuum (Nodding Wild Onion)	4"	Pot	12" o.c.
9.70	UNIT	SD	Sedum spurius 'Dragon's Blood' (Dragon's Blood Stonecrop)	4"	Pot	12" o.c.
3.7	UNIT	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT			
1.9	UNIT	AH	Amsonia hubrichtii (Narrow Leaf Blue Star)	1 Gallon	Pot	18" o.c.
1.81	UNIT	PV	Panicum virgatum 'Shenandoah' (Shenandoah Red Switch Grass)	1 Gallon	Pot	18" o.c.

quantity take off is based on the formula provided on the design. RDU can based on the area take off to figure quantities of each bed and complete the overall plant schedule.

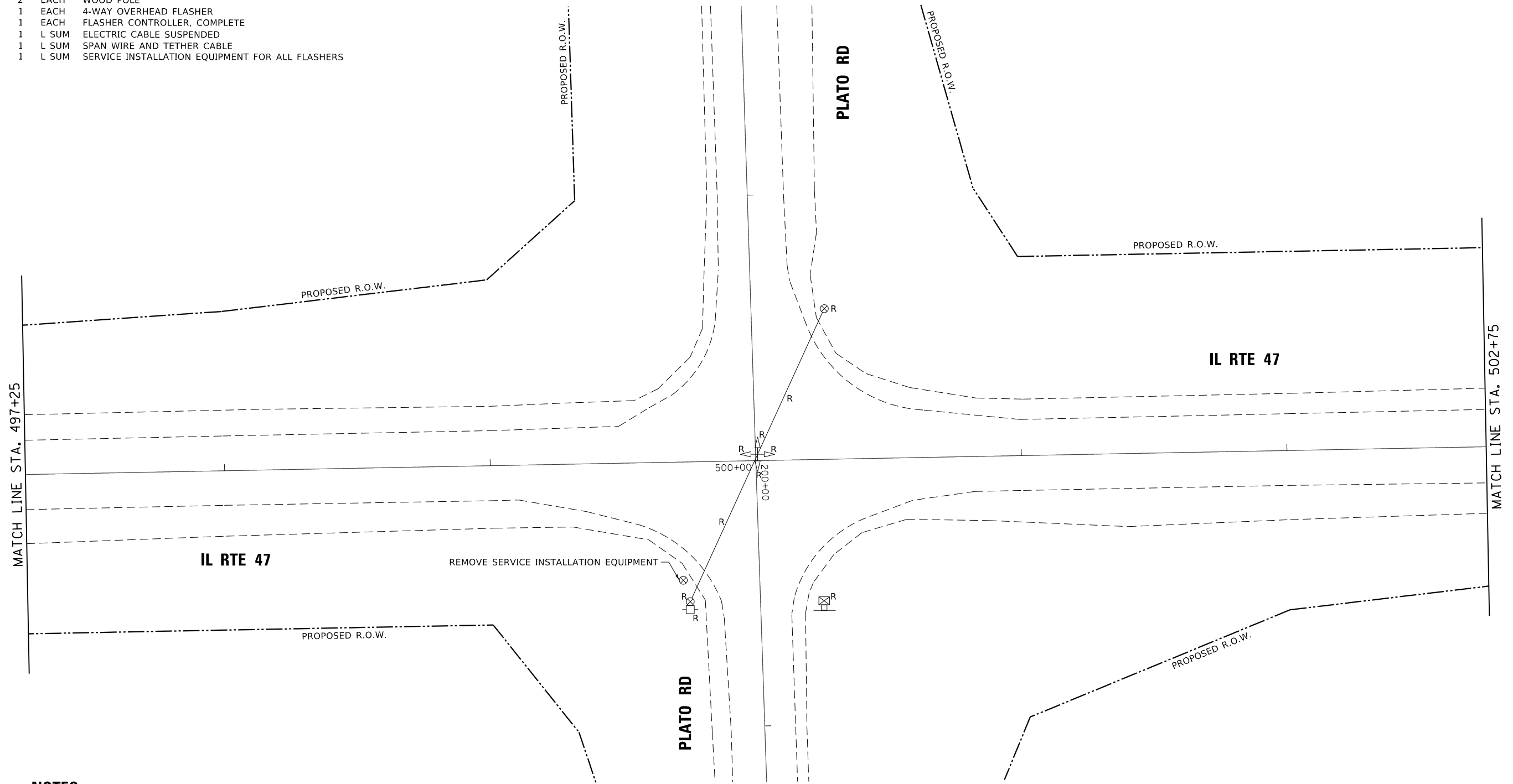
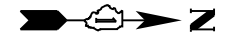
LEGEND

-  ORNAMENTAL TREE
-  PR SHADE TREE
-  SEEDING CLASS 2A
EROSION CONTROL
BLANKET
FERTILIZER NUTRIENT
-  SEEDING CLASS 4
EROSION CONTROL
BLANKET

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 2 EACH WOOD POLE
- 1 EACH 4-WAY OVERHEAD FLASHER
- 1 EACH FLASHER CONTROLLER, COMPLETE
- 1 L SUM ELECTRIC CABLE SUSPENDED
- 1 L SUM SPAN WIRE AND TETHER CABLE
- 1 L SUM SERVICE INSTALLATION EQUIPMENT FOR ALL FLASHERS



NOTES:

- 1. ALL EXISTING CONDUIT TO BE ABANDONED.
- 2. EXISTING FLASHERS TO BE MAINTAINED UNTIL THEY ARE REMOVED.

FL 222 IL 47 NB RIGHT
 FL 223 IL 47 NB LEFT
 FL 224 IL 47 SB LEFT
 FL 225 IL 47 SB RIGHT
 FL 228 4-WAY OVERHEAD

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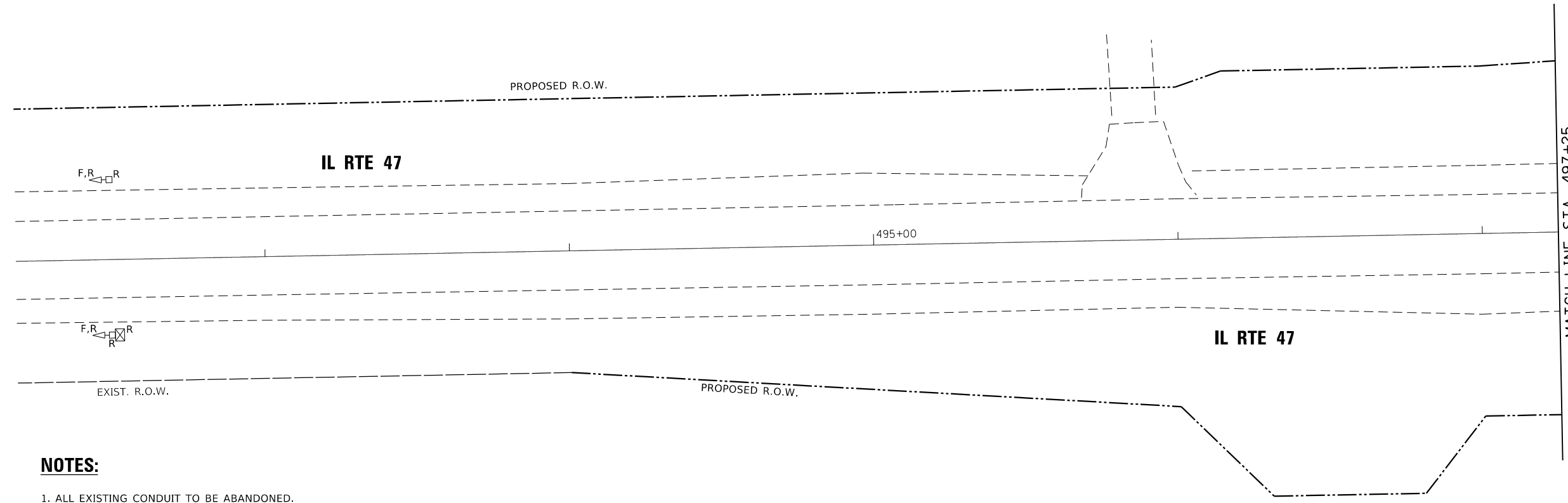
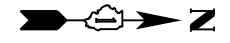
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PLOT DATE = 8/17/2018	DATE - 8-17-2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**4-WAY OVERHEAD AND ADVANCED FLASHER REMOVAL (SHEET 1 OF 2)
 IL RTE 47 AT PLATO RD**

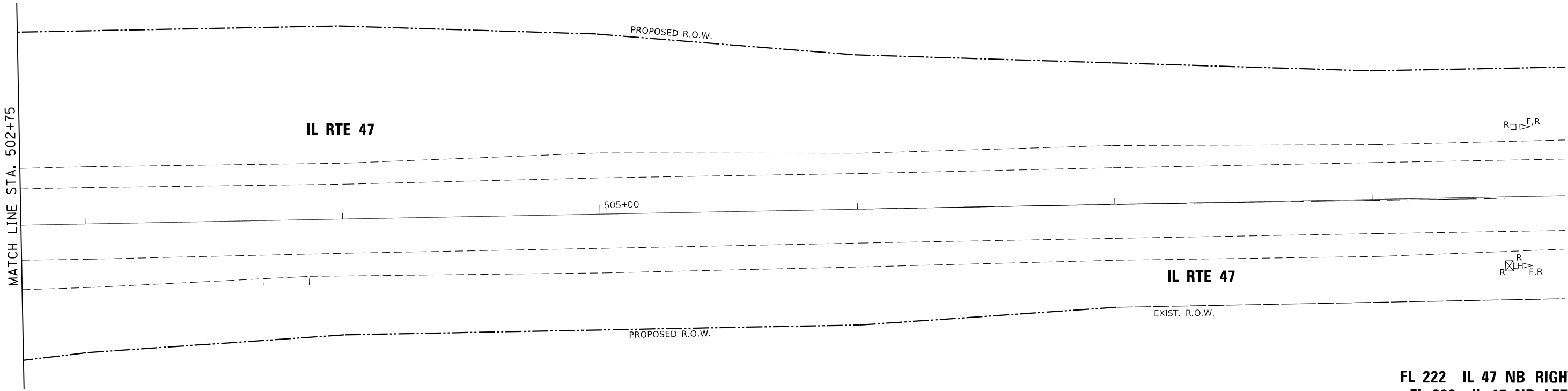
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 63
			CONTRACT NO. 62F16	
ILLINOIS FED. AID PROJECT				



NOTES:

1. ALL EXISTING CONDUIT TO BE ABANDONED.
2. EXISTING FLASHERS TO BE MAINTAINED UNTIL THEY ARE REMOVED.



FL 222 IL 47 NB RIGHT
 FL 223 IL 47 NB LEFT
 FL 224 IL 47 SB LEFT
 FL 225 IL 47 SB RIGHT
 FL 228 4-WAY OVERHEAD

MODEL: Default
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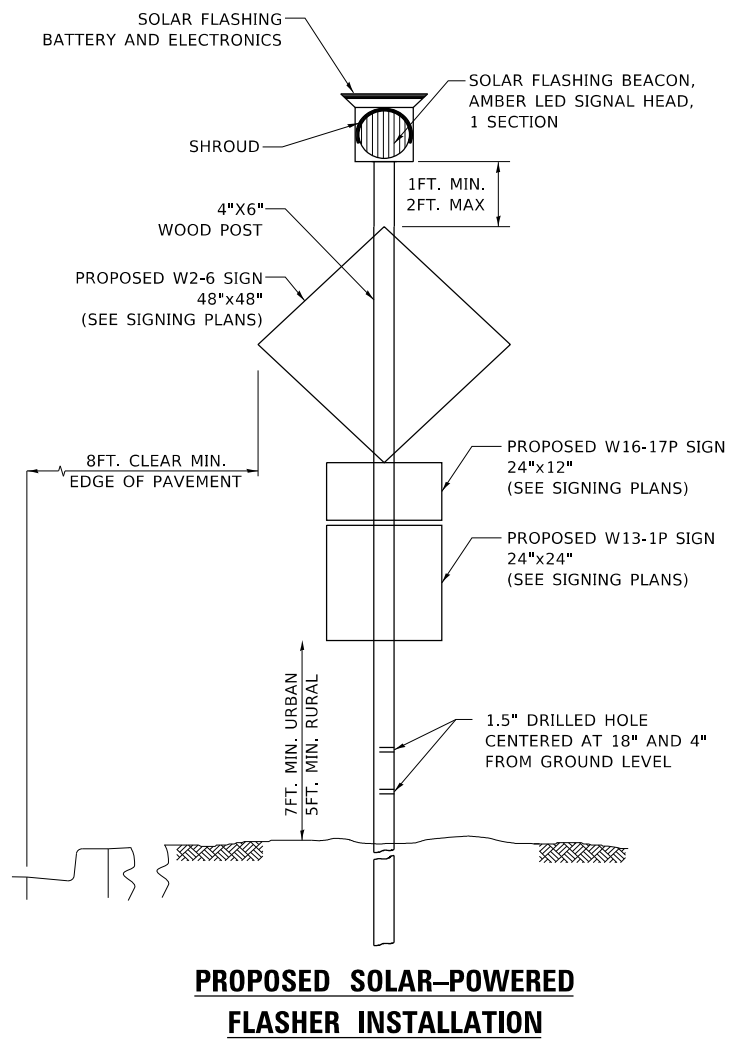
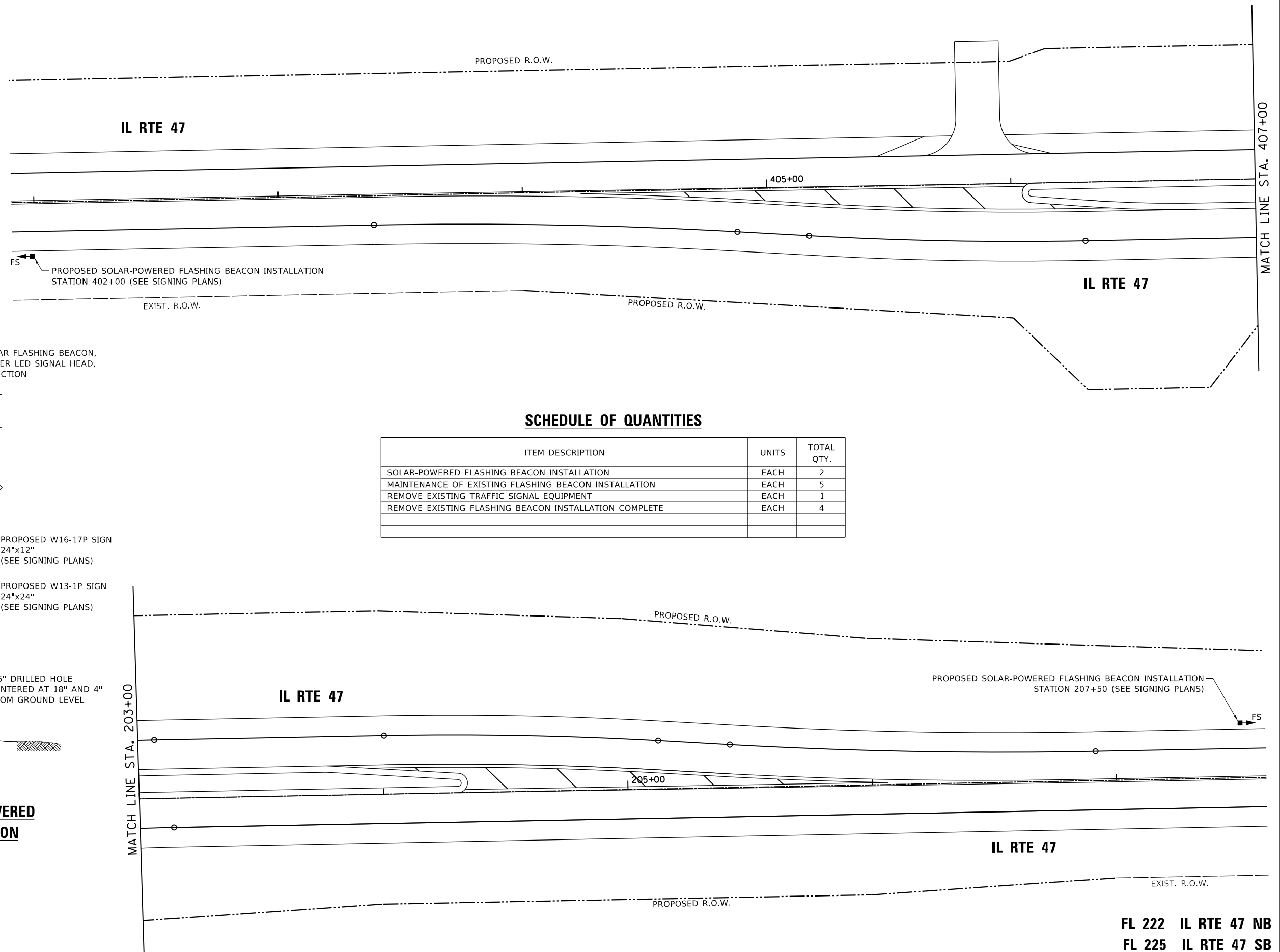
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DRAWN - IP	REVISIONS -	
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PLOT DATE = 8/17/2018	DATE - 8-17-2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

4-WAY OVERHEAD AND ADVANCED FLASHER REMOVAL (SHEET 2 OF 2)
 IL RTE 47 AT PLATO RD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 64
CONTRACT NO. 62F16			ILLINOIS FED. AID PROJECT	



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SOLAR-POWERED FLASHING BEACON INSTALLATION	EACH	2
MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION	EACH	5
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	4

MODEL: Default
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 PLOT DATE: 9/4/2018

**PROPOSED SOLAR-POWERED
FLASHER INSTALLATION**

FL 222 IL RTE 47 NB
FL 225 IL RTE 47 SB

USER NAME = plascenciai	DESIGNED - IP	REVISED - 9-4-2018
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PLOT DATE = 9/4/2018	CHECKED - LP	REVISED -
	DATE - 8-17-2018	REVISED -





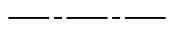
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADVANCED SOLAR FLASHER INSTALLATION (SHEET 2 OF 2)
IL RTE 47 AT PLATO RD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 66
CONTRACT NO. 62F16			ILLINOIS FED. AID PROJECT	

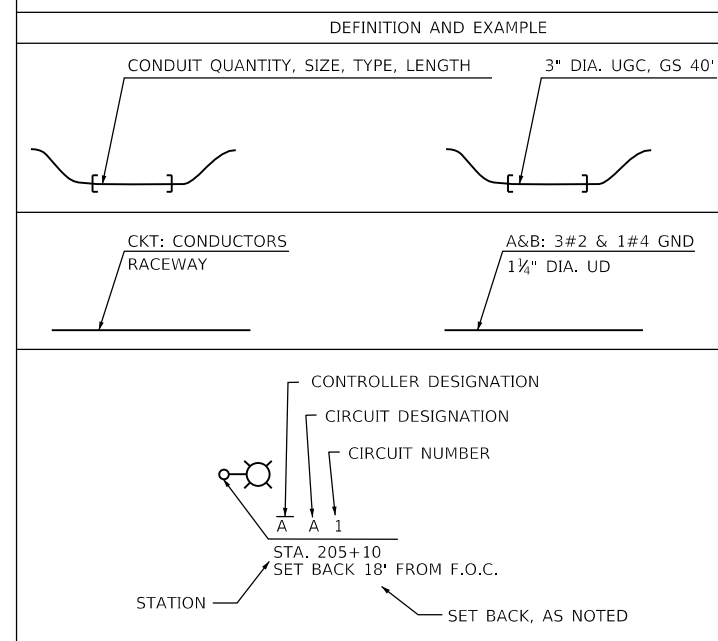
LIGHTING AND ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	PROPOSED IDOT LIGHTING UNIT MOUNTED ON BREAKAWAY TRANSFORMER BASE, 47.5 FT M.H. 12FT DAVIT ARM, LED TYPE M-C-II DISTRIBUTION, HORIZONTAL MOUNT, TYPE B (240 VAC)
	PROPOSED IDOT LIGHTING CONTROLLER, BASE MOUNTED, SINGLE DOOR, 480V, 100AMP
	PROPOSED ELECTRIC UTILITY SERVICE
	PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
B.O.C.	BACK OF CURB
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
E.O.P.	EDGE OF PAVEMENT
F.O.C.	FACE OF CURB
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
M	METER
MA	MAST ARM
MC	MULTI-CONDUCTOR
MM	MILLIMETER
M.H.	MOUNTING HEIGHT
MW	MESSANGER WIRE
NO. #	NUMBER
N.T.S.	NOT TO SCALE
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
T/F	TOP OF FOUNDATION
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
UGC, GS	UNDERGROUND CONDUIT, GALVANIZED STEEL
WP	WOOD POLE
XFMR	TRANSFORMER
HPS	HIGH PRESSURE SODIUM
LPS	LOW PRESSURE SODIUM
LTFM	LIQUID TIGHT FLEXIBLE METALLIC

CALL-OUT SAMPLE



GENERAL NOTES

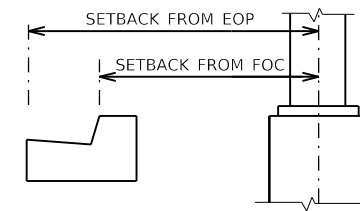
- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

IDOT-D1 STANDARDS:

STANDARD NO.	TITLE
BE-215	LIGHTING CONTROLLER SINGLE DOOR
BE-220	ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT
BE-301	LIGHT POLE FOUNDATION 40' TO 47 1/2' M.H. 15" BOLT CIRCLE
BE-410	DAVIT LIGHT POLE 47'-6" MOUNTING HEIGHT
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISC. ELECTRICAL DETAILS SHEET A

INDEX OF DRAWINGS

STANDARD NO.	TITLE
E-01	LEGEND, ABBREVIATIONS, GENERAL NOTES, SCHEDULE OF QUANTITIES AND INDEX OF DRAWINGS
E-02	PROPOSED LIGHTING PLAN
E-03	LIGHTING CONTROLLER KC WIRING DIAGRAM
E-04 TO E-09	DISTRICT 1 BUREAU OF ELECTRICAL DETAIL DRAWINGS



POLE SETBACK DETAIL

ENERGY SUPPLY CONTACT: RENEE MAZARIEGOS
PHONE: (847) 608-2331
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: -

E-01

MODEL: Default
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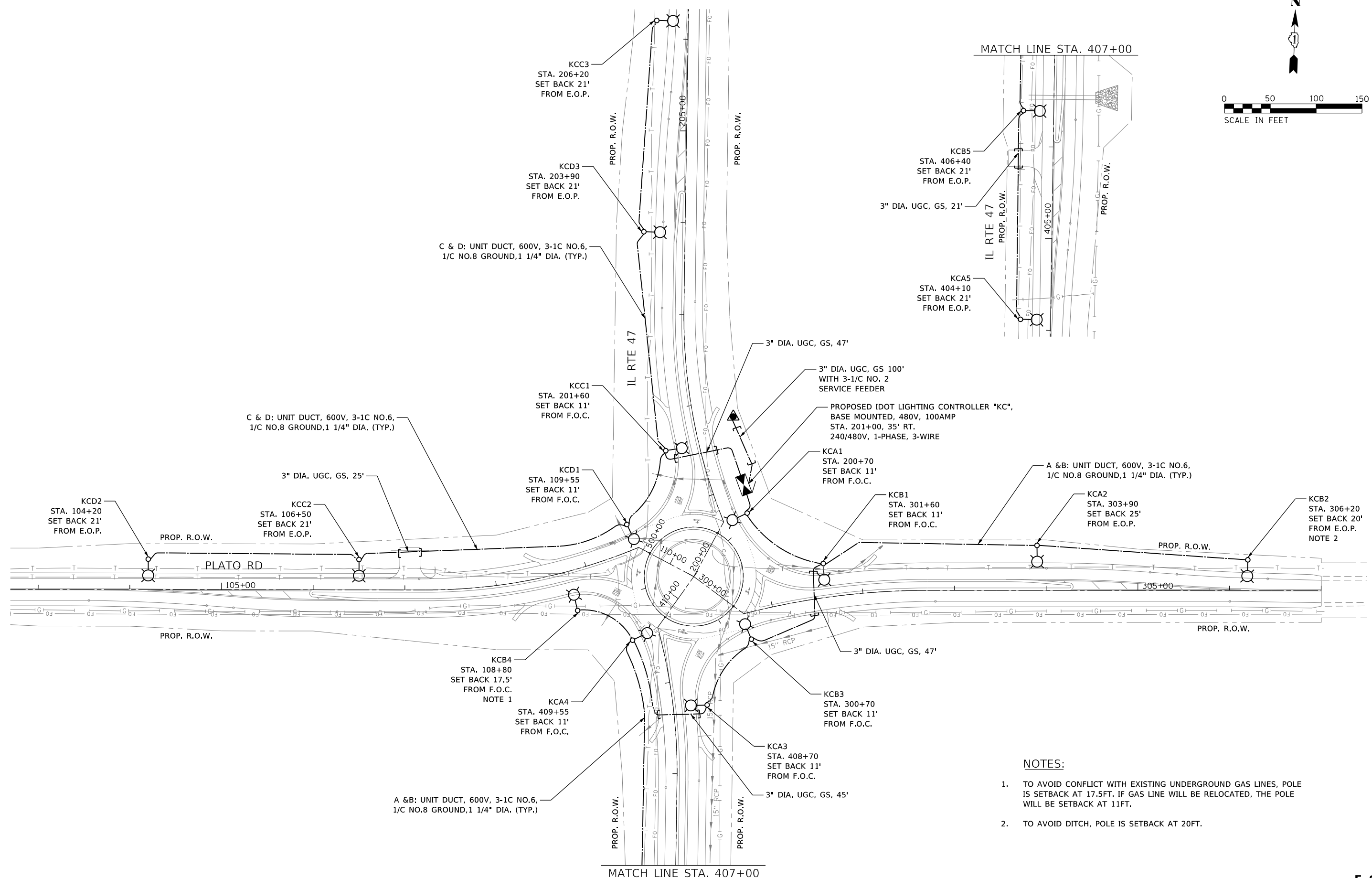
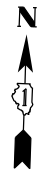


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 47 AT PLATO RD
LEGEND, ABBREVIATIONS, GENERAL NOTES, AND SCHEDULE OF QUANTITIES
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	COOK	107	67
				CONTRACT NO. 62F16
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. TO AVOID CONFLICT WITH EXISTING UNDERGROUND GAS LINES, POLE IS SETBACK AT 17.5FT. IF GAS LINE WILL BE RELOCATED, THE POLE WILL BE SETBACK AT 11FT.
 2. TO AVOID DITCH, POLE IS SETBACK AT 20FT.

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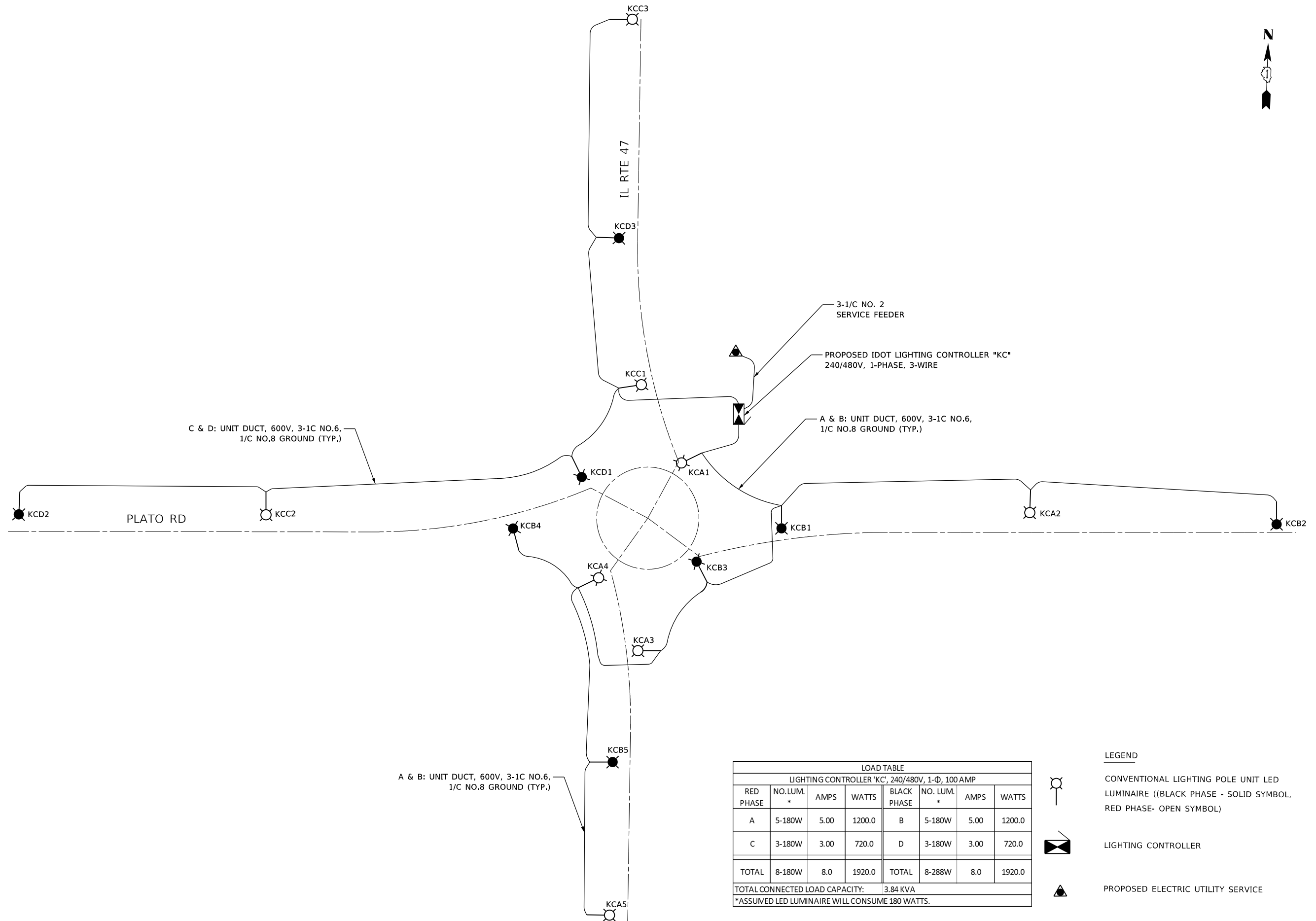
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PLOT DATE = 8/15/2018	CHECKED - KP	REVISED -
	DATE - 8/15/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**




**IL RTE 47 AT PLATO RD
 PROPOSED LIGHTING PLANS**

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

F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 68
			CONTRACT NO. 62F16	
ILLINOIS FED. AID PROJECT				



LOAD TABLE							
LIGHTING CONTROLLER "KC", 240/480V, 1-Φ, 100 AMP							
RED PHASE	NO. LUM. *	AMPS	WATTS	BLACK PHASE	NO. LUM. *	AMPS	WATTS
A	5-180W	5.00	1200.0	B	5-180W	5.00	1200.0
C	3-180W	3.00	720.0	D	3-180W	3.00	720.0
TOTAL	8-180W	8.0	1920.0	TOTAL	8-288W	8.0	1920.0
TOTAL CONNECTED LOAD CAPACITY:				3.84 KVA			
*ASSUMED LED LUMINAIRE WILL CONSUME 180 WATTS.							

- LEGEND**
-  CONVENTIONAL LIGHTING POLE UNIT LED LUMINAIRE ((BLACK PHASE - SOLID SYMBOL, RED PHASE- OPEN SYMBOL)
 -  LIGHTING CONTROLLER
 -  PROPOSED ELECTRIC UTILITY SERVICE

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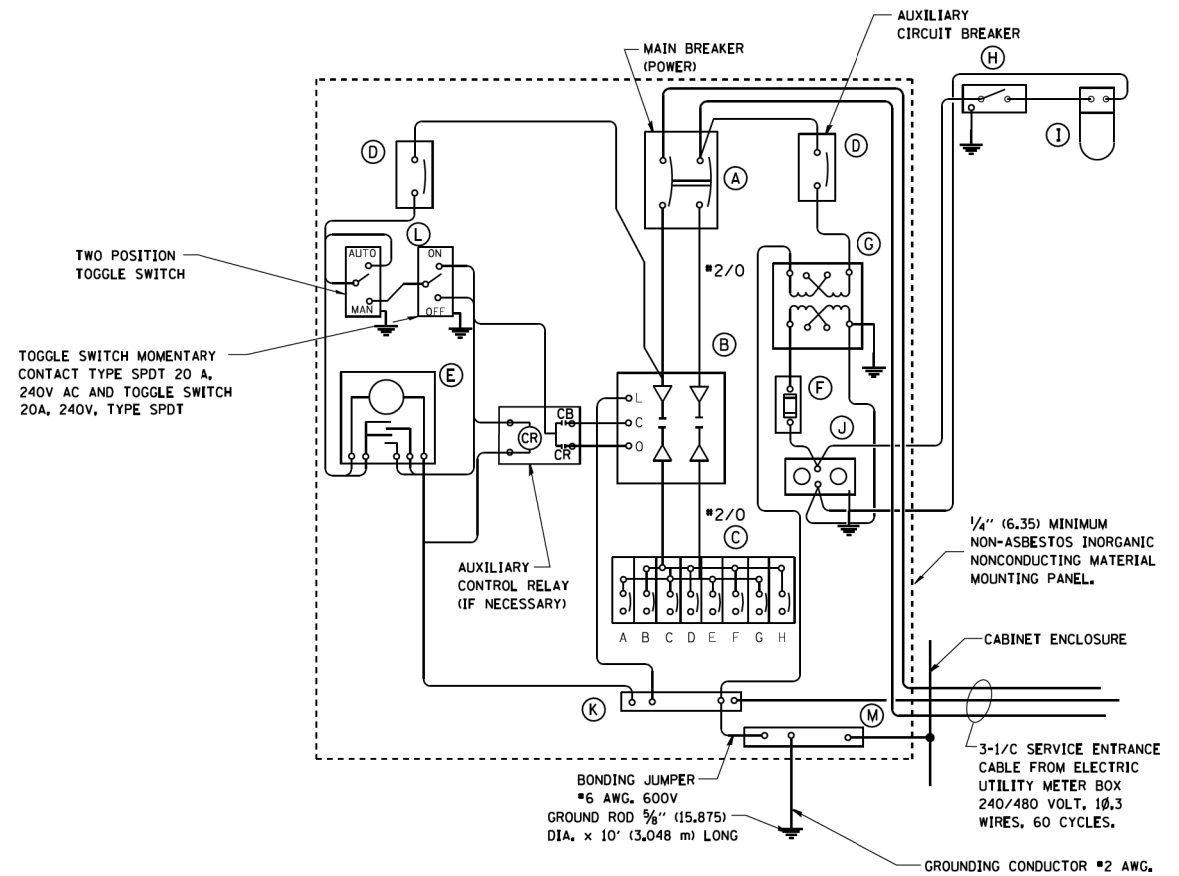
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PLOT DATE = 8/15/2018	DATE - 8/15/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 47 AT PLATO RD
IDOT LIGHTING CONTROLLER "KC" WIRING DIAGRAM**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	COOK	107	69
			CONTRACT NO. 62F16	
		ILLINOIS FED. AID PROJECT		



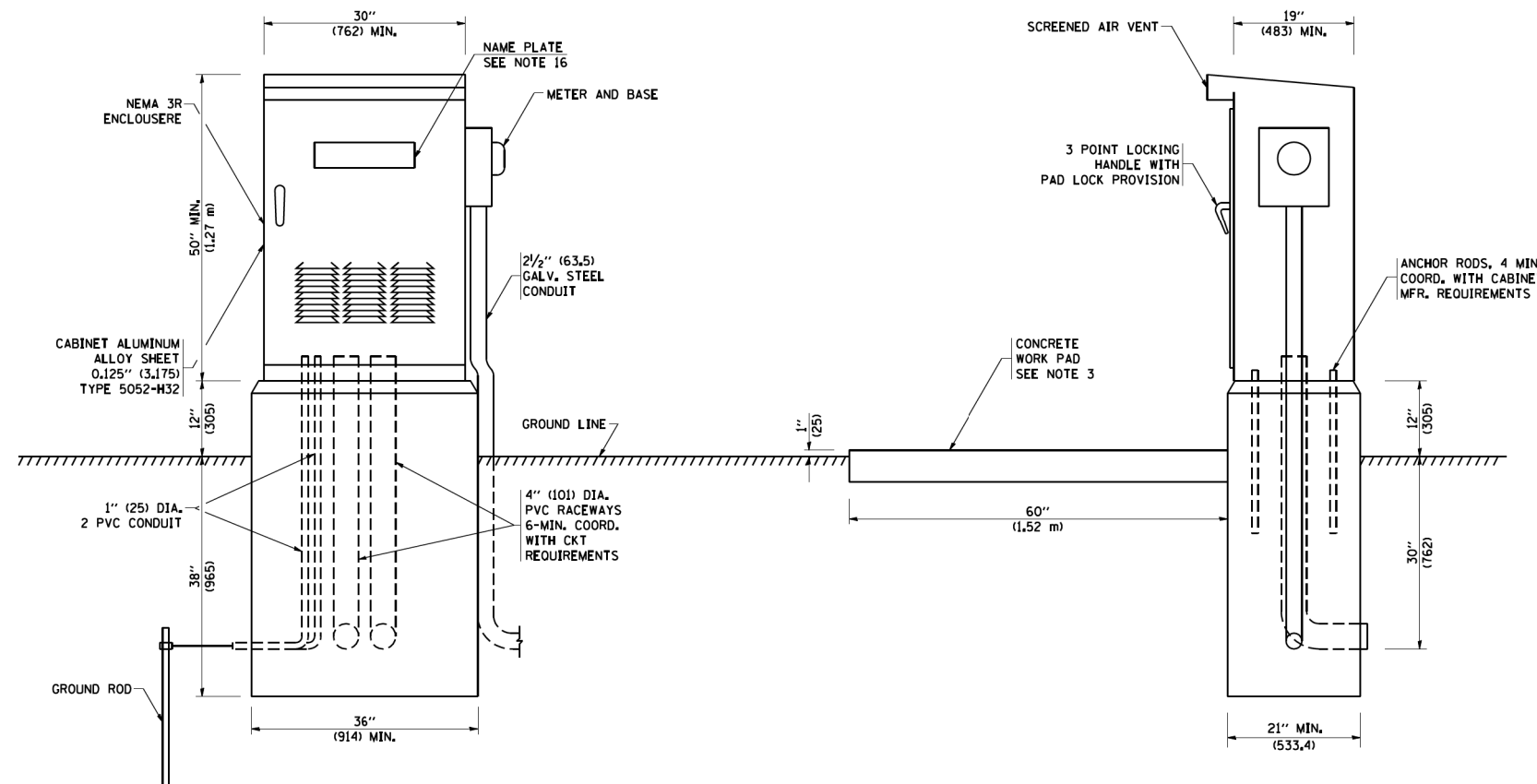
PANEL WIRING DIAGRAM

PANEL EQUIPMENT

BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100 AMP. FRAME, 100 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 480 VOLT.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 100 AMP., 600 VOLTS CONTROL CIRCUIT 240 VOLT.
C	8	CIRCUIT BREAKERS, 1 POLE, 100AMP. FRAME, 50 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 240 V.
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 240 V., 100 AMP. FRAME, 15 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-5000 AMP. AT 240 V.
E	1	ASTRONOMIC MICROPROCESSOR-BASED 2-CHANNEL CONTROLLER [TIME SWITCH].
F	1	20 A., 120 V. FUSE.
G	1	1.5 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240 X 480 / 120 X 240 VOLT, 60 HZ.
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN,
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 A., 120 V., DUPLEX RECEPTACLE, GFCI.
K	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
L	1	TOGGLE SWITCHES MOUNTED IN 4" (101.6) X 4" (101.6 mm) BOX.
M	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS

NOTES:

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- FOUNDATION SIZE SHALL BE COORDINATED WITH CABINET SIZE AND MFR.
- IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8 mm) TOP SOIL. LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) x 60" (18,288 m) x 4" (101 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1/4" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
- CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
- 12" (304.8) X 16" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "STATE OF ILLINOIS LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED.



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

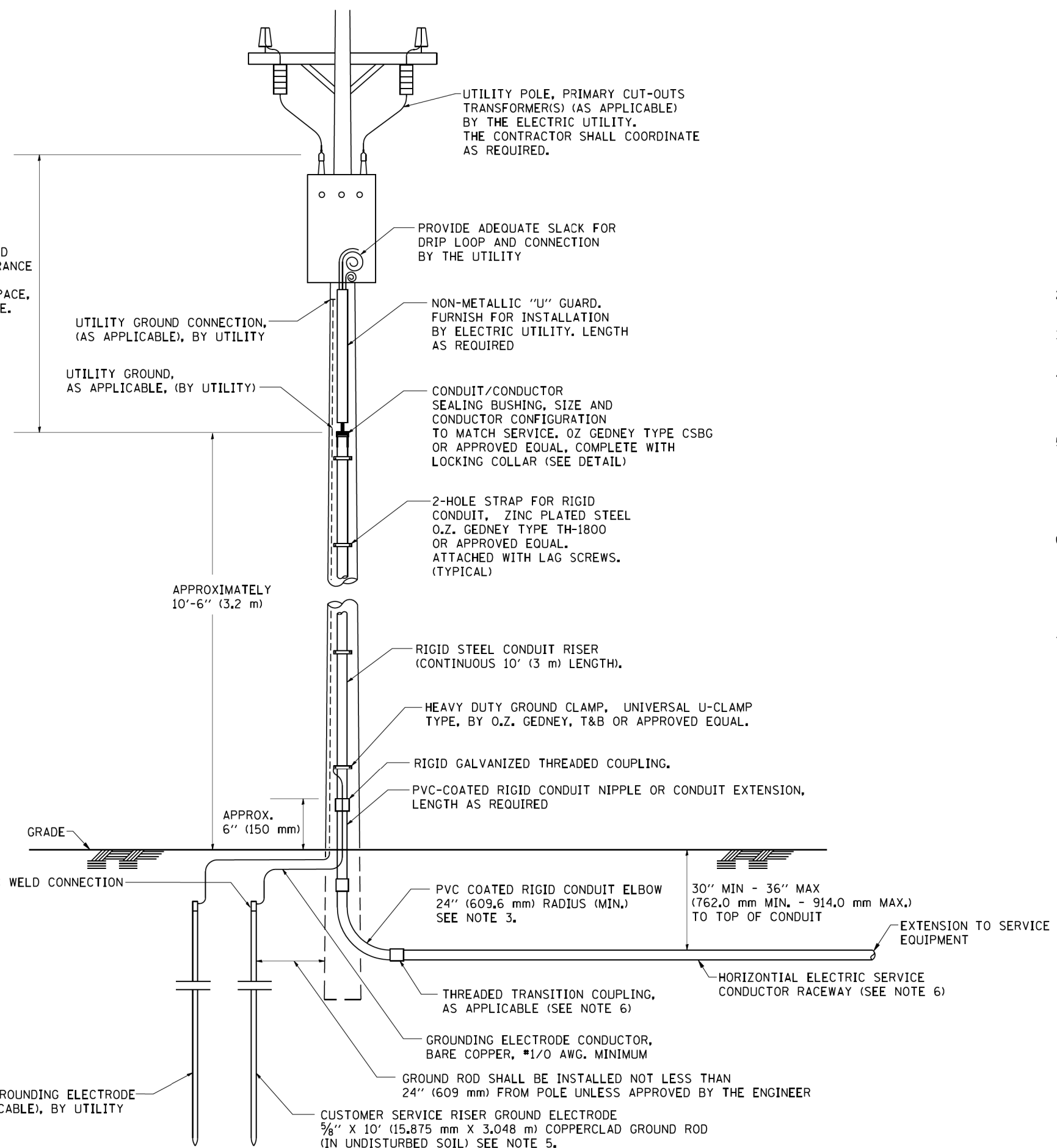
**LIGHTING CONTROLLER
SINGLE DOOR**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	COOK	107	70
BE-215			CONTRACT NO. 62F16	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

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PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/4/2008		DATE -	REVISED -

ASCERTAIN AND ASSURE CLEARANCE FROM UTILITY SECONDARY SPACE, AS APPLICABLE.

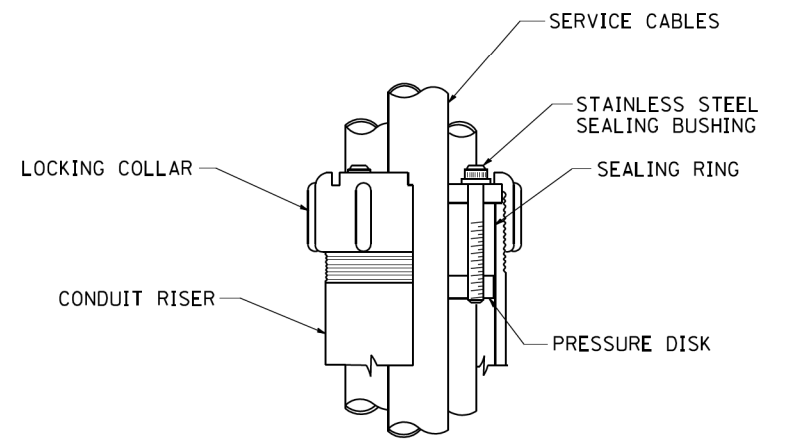


APPLICATION

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

NOTES

- SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
- PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
- THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALLIC TO NON METALLIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



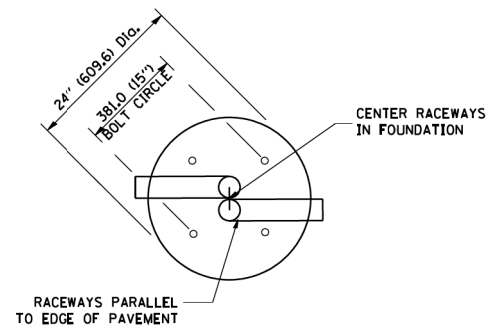
SEALING BUSHING DETAIL

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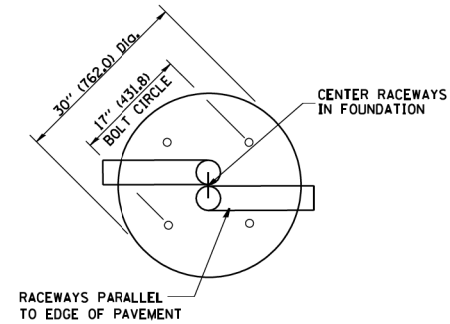
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W:\distata\22x34\be228.dgn		DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BE-220		CONTRACT NO. 62F16		
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PLOT DATE = 1/4/2008		DATE -	REVISED -									

LIGHT POLE FOUNDATION DEPTH TABLE
40 FT. (12.192 m) TO 47.5 FT. (14.478 m) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY O _u = 0.375 TON/SO. FT.	13'-0" (3.96 m)	15'-0" (4.57 m)
MEDIUM CLAY O _u = 0.75 TON/SO.FT	9'-6" (2.93 m)	10'-9" (3.23 m)
STIFF CLAY O _u = 1.50 TON/SO. FT.	7'-0" (2.13 m)	8'-0" (2.44 m)
LOOSE SAND φ = 34°	9'-0" (2.74 m)	10'-0" (3.05 m)
MEDIUM SAND φ = 37.5°	8'-3" (2.52 m)	9'-0" (2.74 m)
DENSE SAND φ = 40°	7'-9" (2.36 m)	9'-0" (2.74 m)



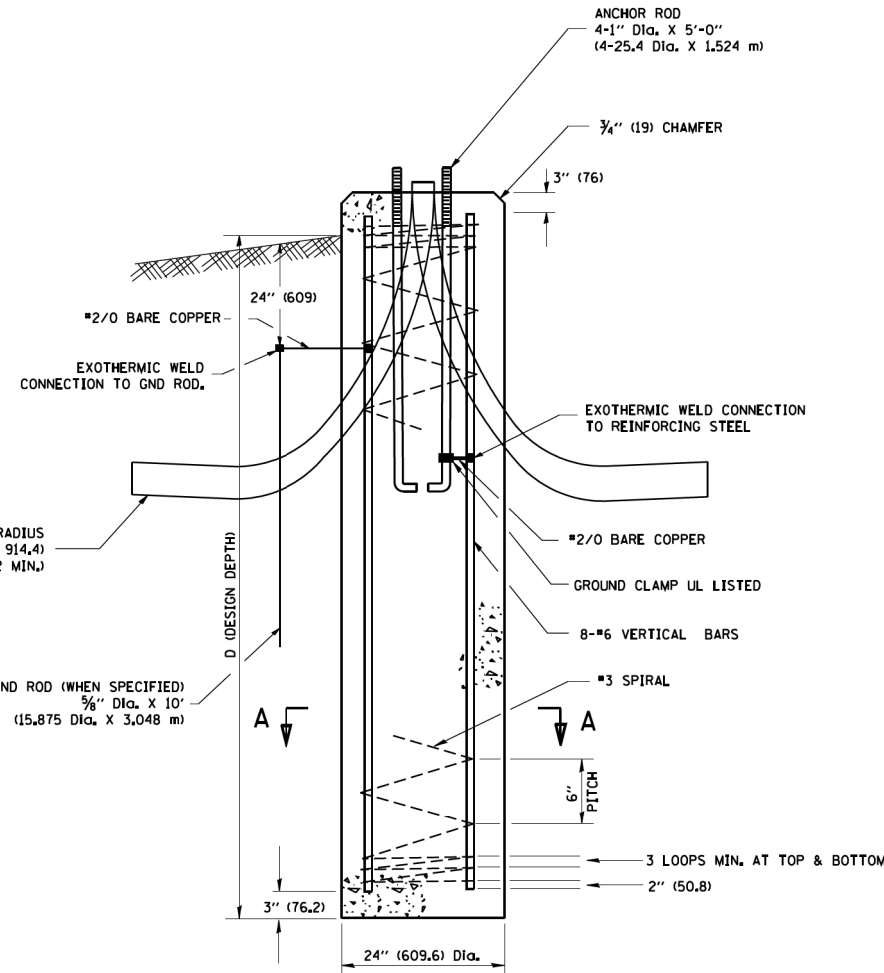
TOP VIEW



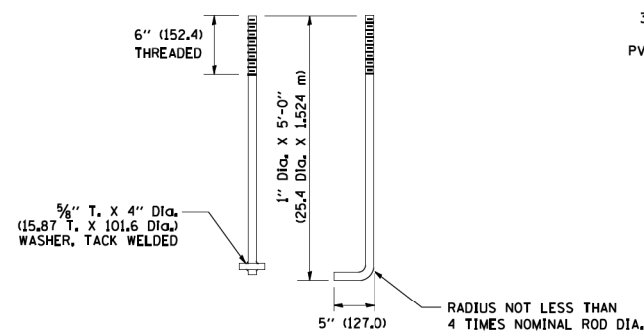
TOP VIEW

NOTES

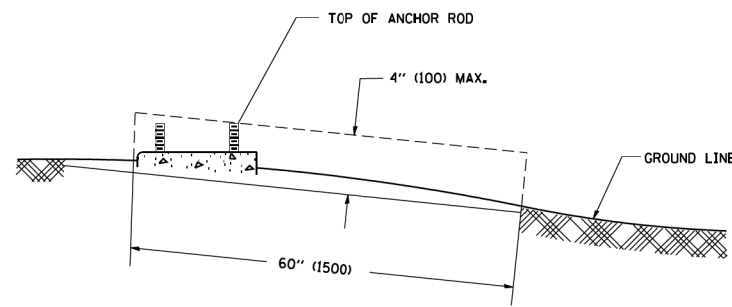
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION, IF BREAKAWAY COUPLINGS ARE SPECIFIED. THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.



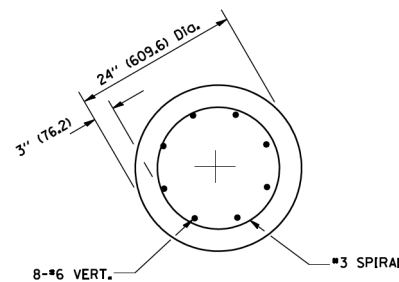
FOUNDATION DETAIL



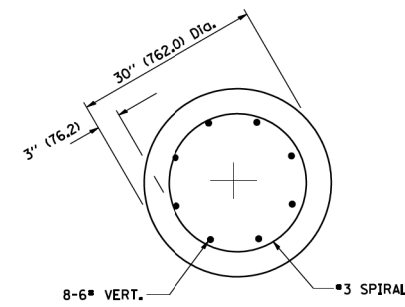
ANCHOR ROD DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A



SECTION A-A

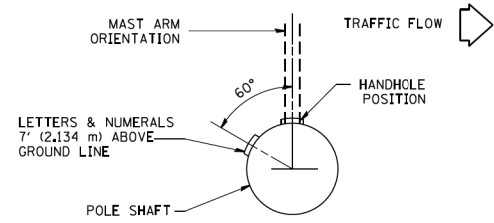
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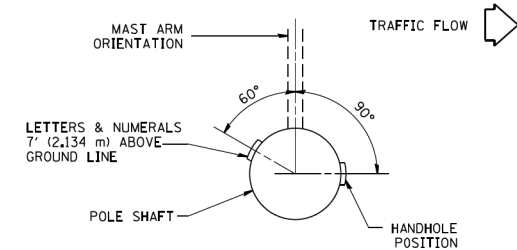
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION
40' (12.192 m) TO 47' 1/2' (14.478 m) M.H. 15" (381 mm) BOLT CIRCLE
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

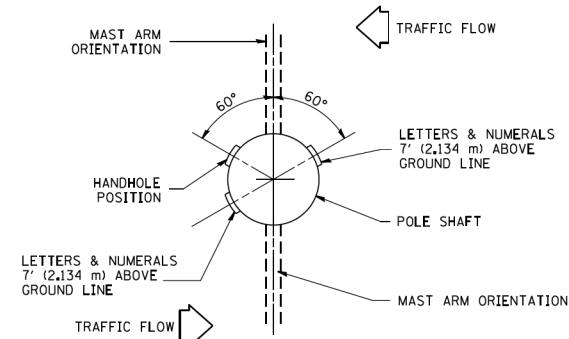
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BE-301			CONTRACT NO. 62F16	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



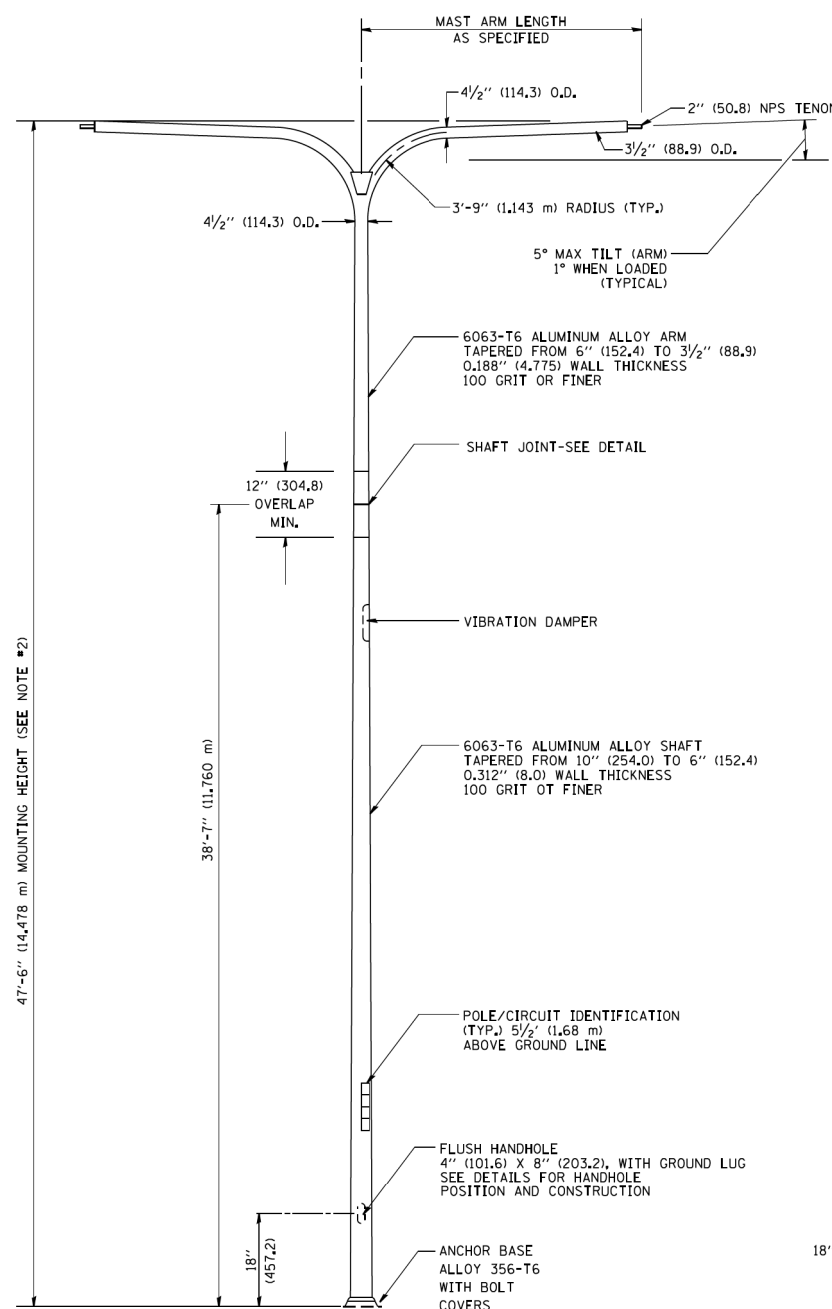
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES MOUNTED ON BRIDGE PARAPET OR BARRIER WALL



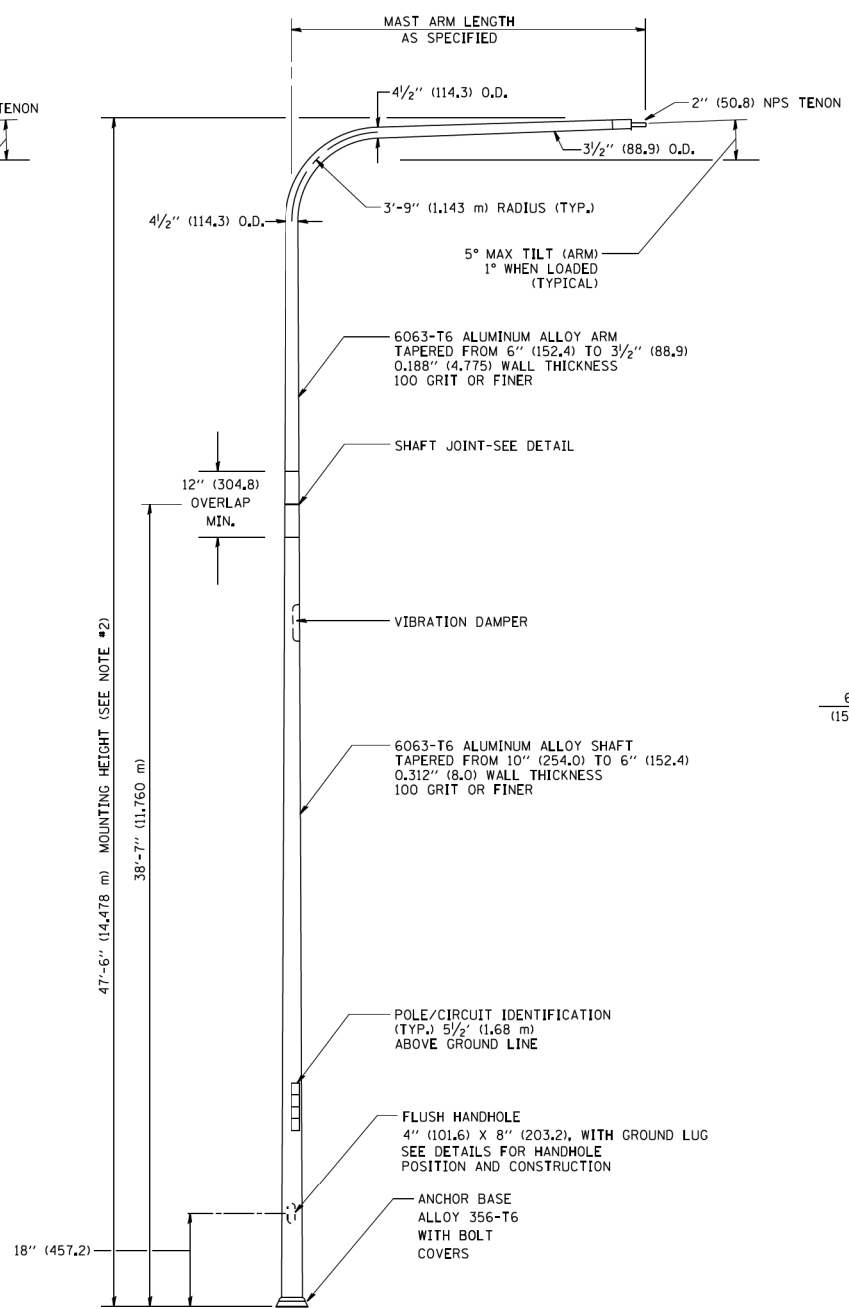
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES



POSITION OF HANDHOLE AND POLE NUMBER FOR TWIN MAST ARM POLES



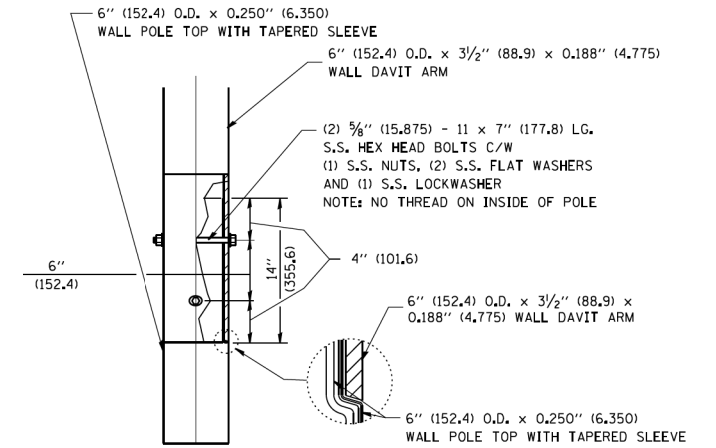
TWIN ARM POLE



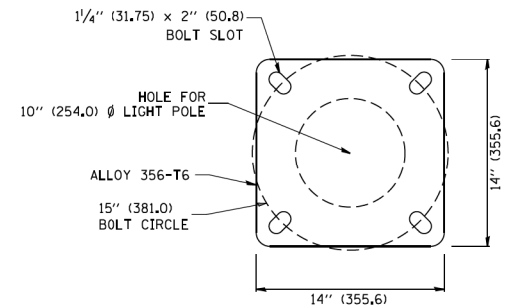
SINGLE ARM POLE

NOTES:

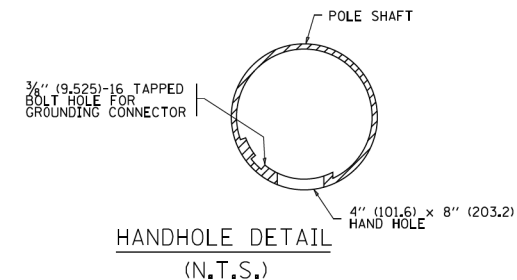
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
- TWO PIECE SHAFT WILL BE MATCHED MARKED AND INTERCHANGEABLE BETWEEN DIFFERENT UNITS. FIELD DRILLING OF THE HOLES WILL NOT BE ALLOWED.
- THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
- THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR, BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
- LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
- LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
- LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.



DAVIT ARM CONNECTION
[14" (355.6) OVERLAP SHOWN]



LIGHT POLE BASE PLATE DETAIL
(FOR POLE MOUNTED ON 15 INCH (381.0) BOLT CIRCLE FOUNDATION)



HANDHOLE DETAIL
(N.T.S.)

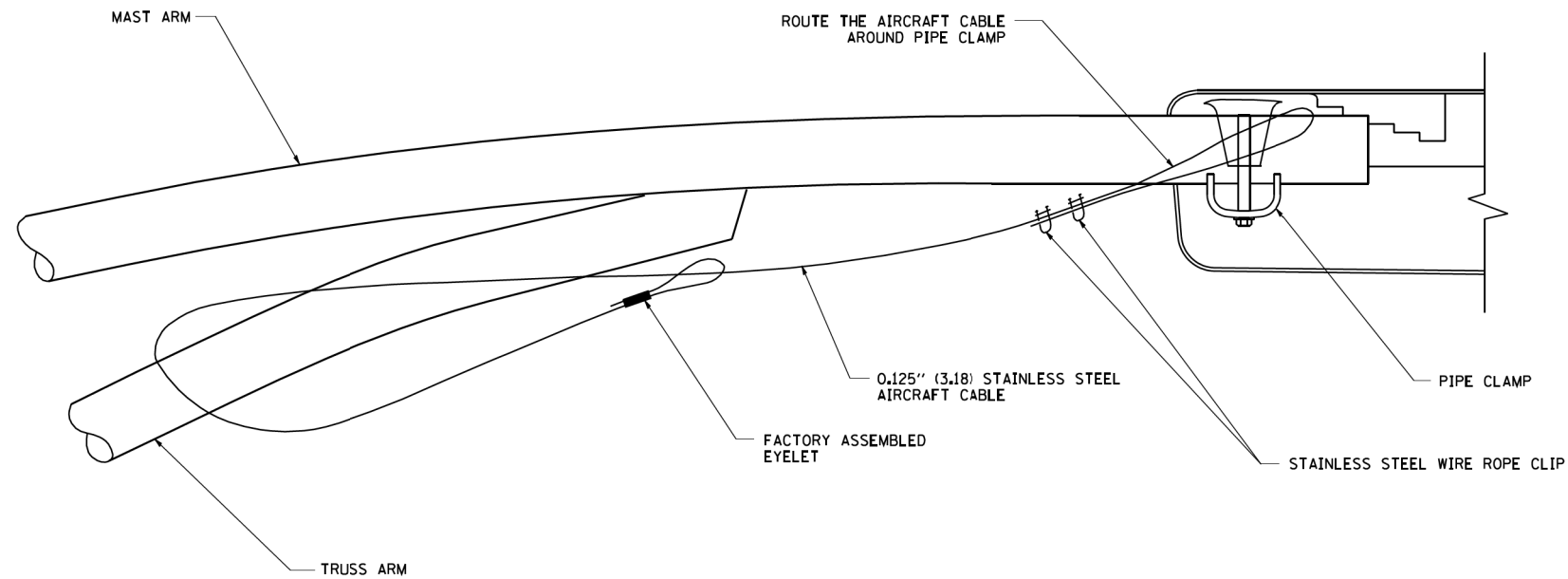
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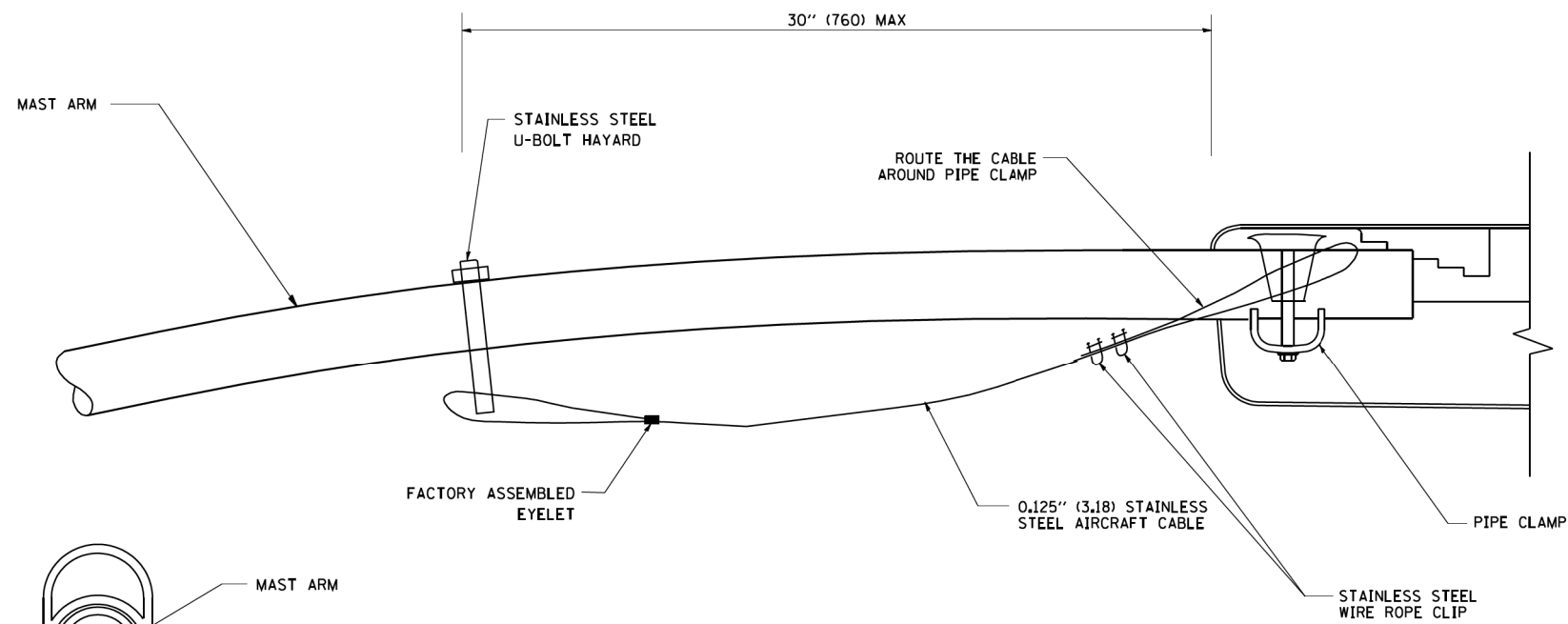
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DAVIT LIGHT POLE			
47'-6" (14.478 m) MOUNTING HEIGHT			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

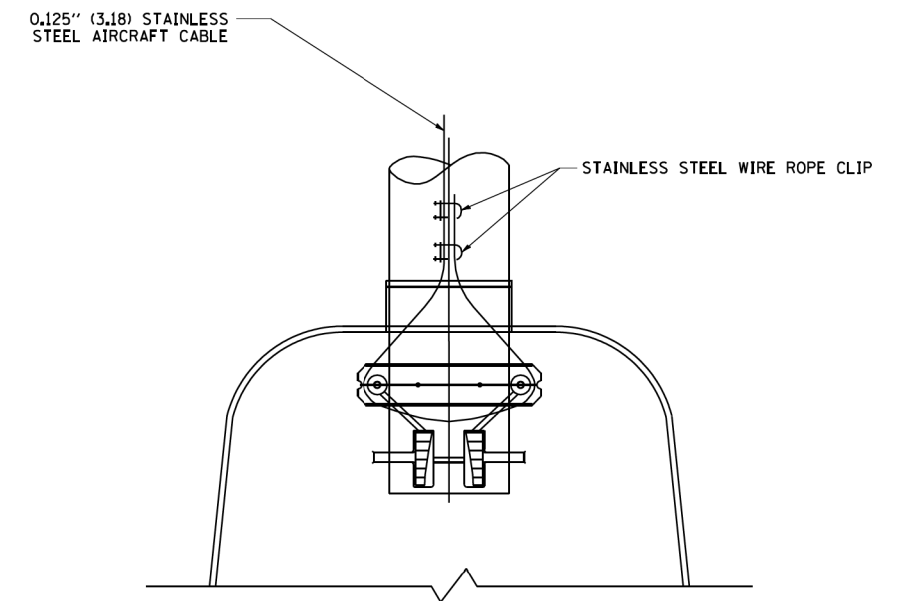
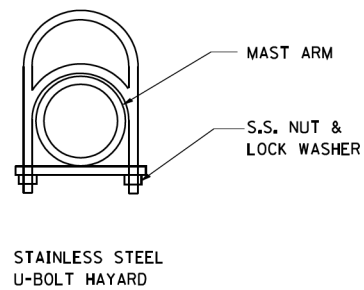
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326	106X-R-4	COOK	107	73
BE-410			CONTRACT NO. 62F16	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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



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



BOTTOM VIEW
N.T.S.

NOTES:

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

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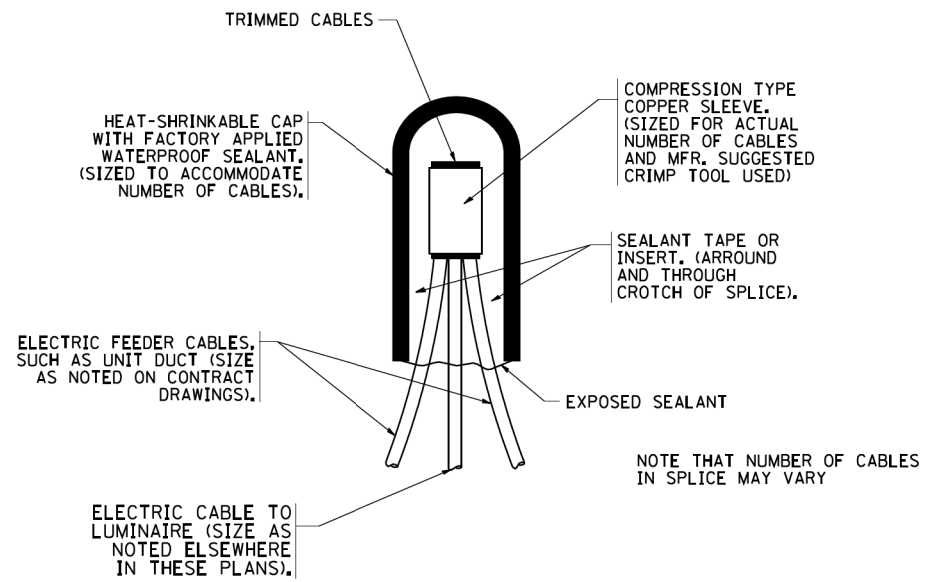
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PLOT DATE = 1/4/2008		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LUMINAIRE SAFETY CABLE ASSEMBLY

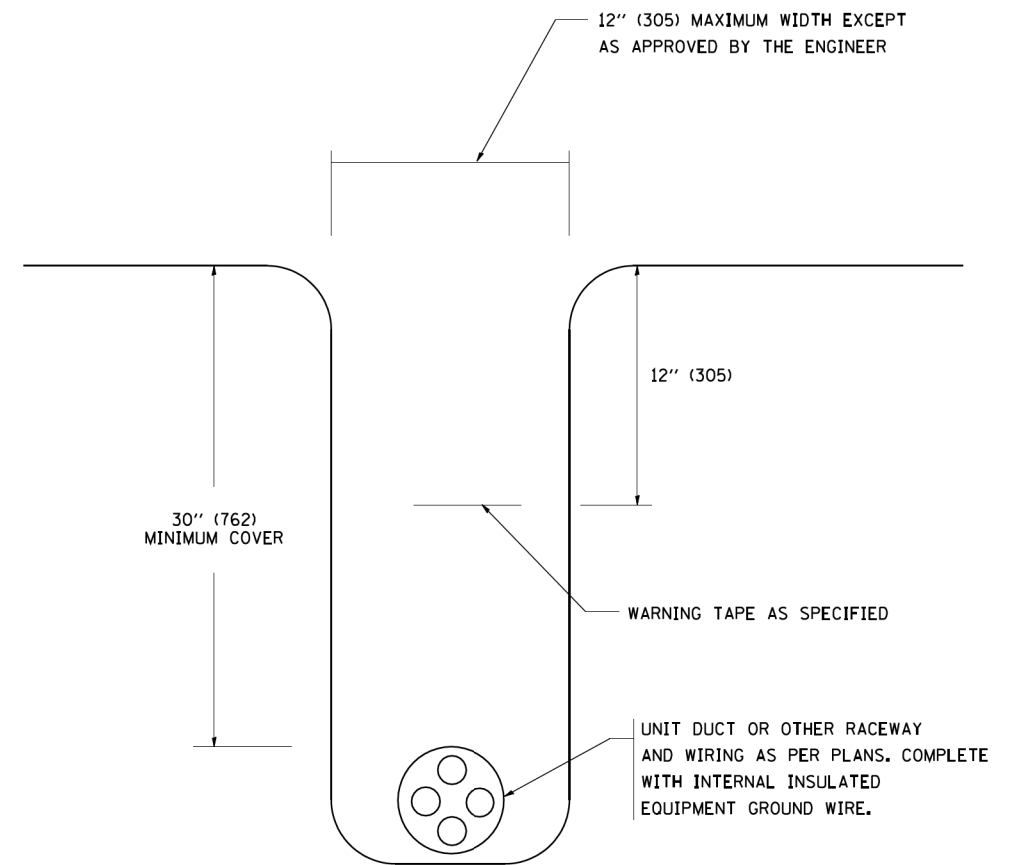
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BE-701			CONTRACT NO. 62F16	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



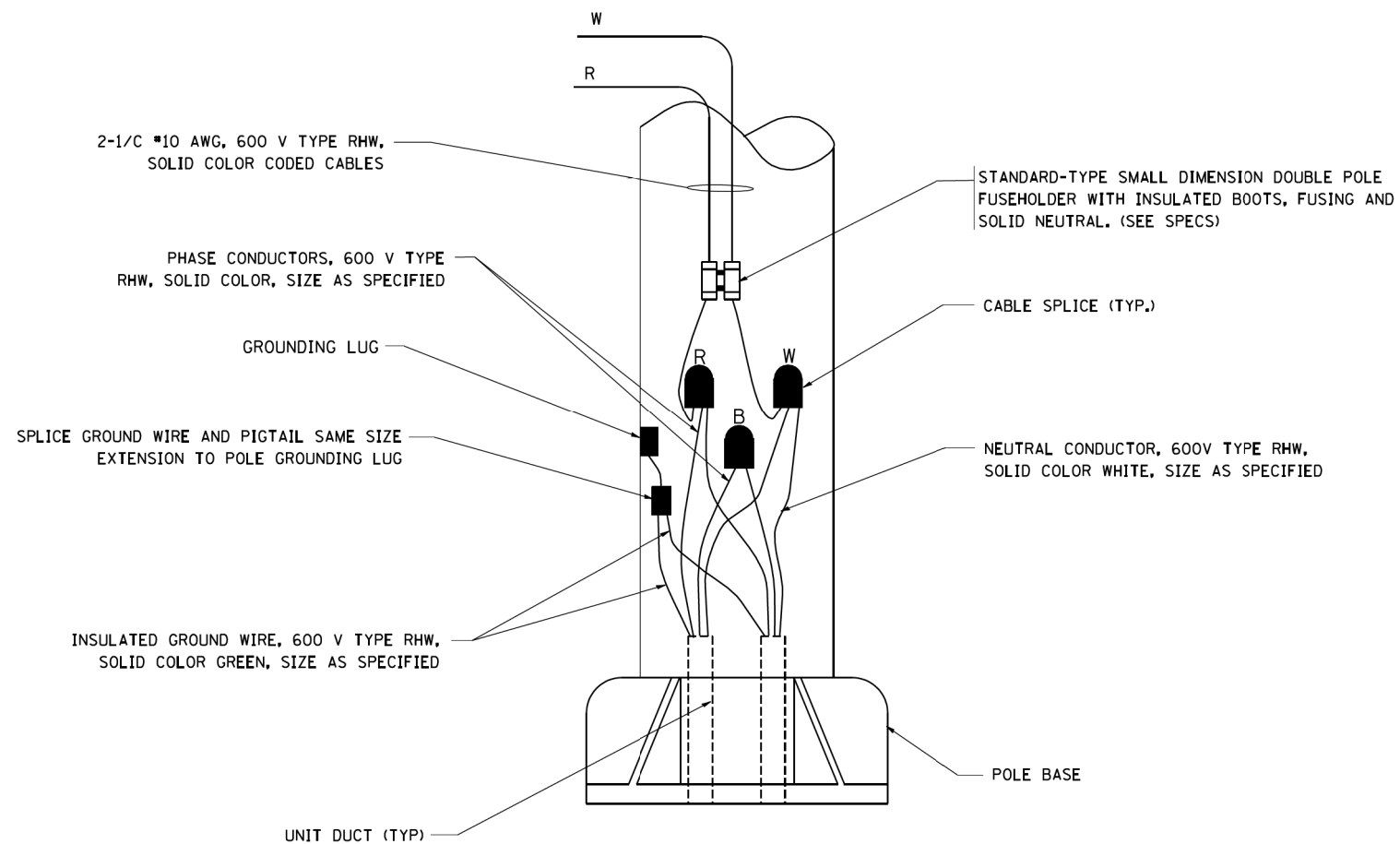
TYPICAL SPLICE DETAIL

N.T.S.



TYPICAL WIRING IN TRENCH DETAIL

N.T.S.



POLE WIRING DETAIL

N.T.S.

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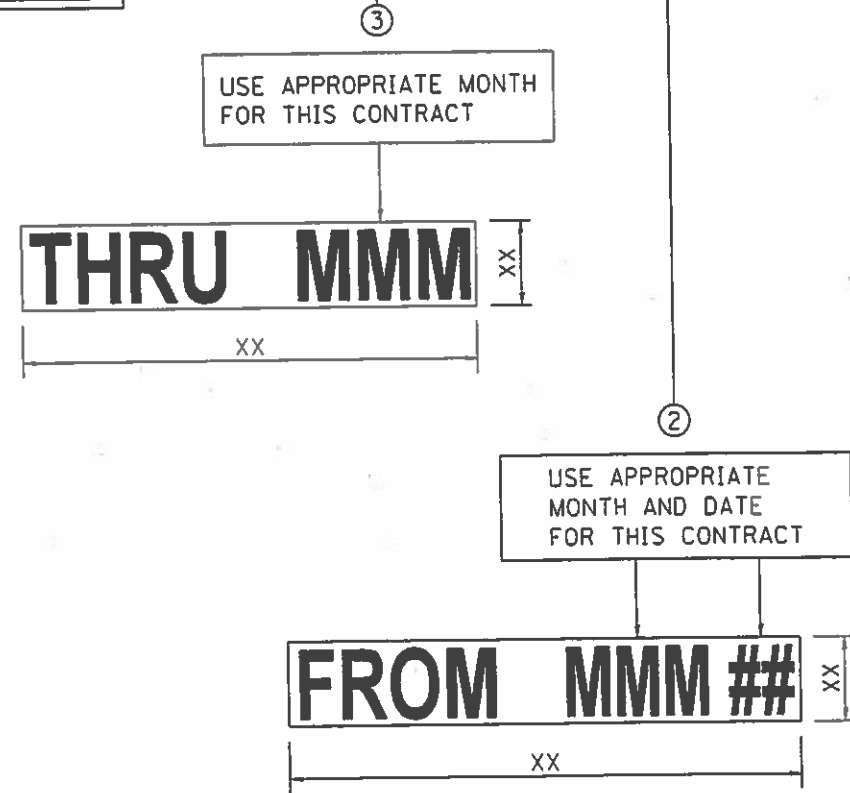
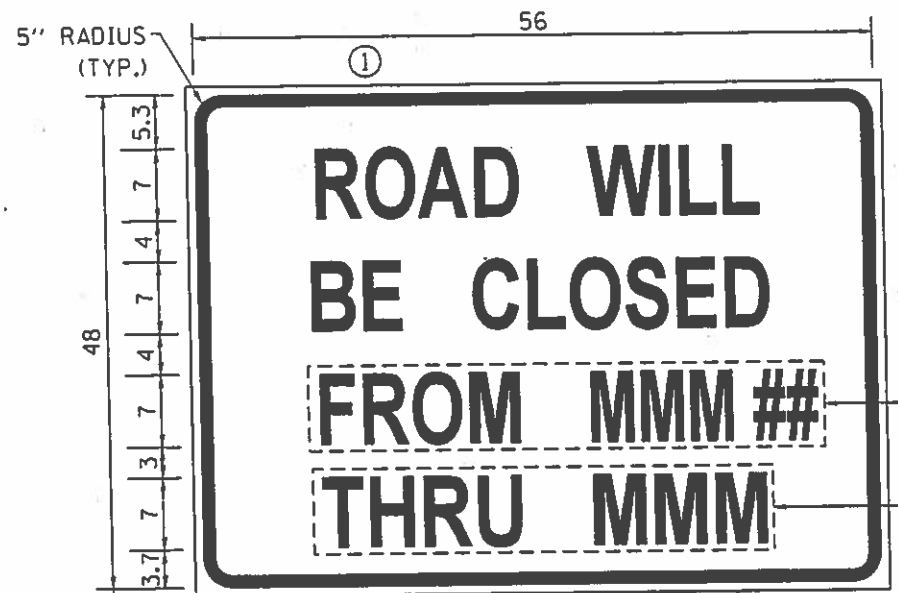
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PLOT DATE = 1/4/2008		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MISC. ELECTRICAL DETAILS
SHEET A**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BE-702			CONTRACT NO. 62F16	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



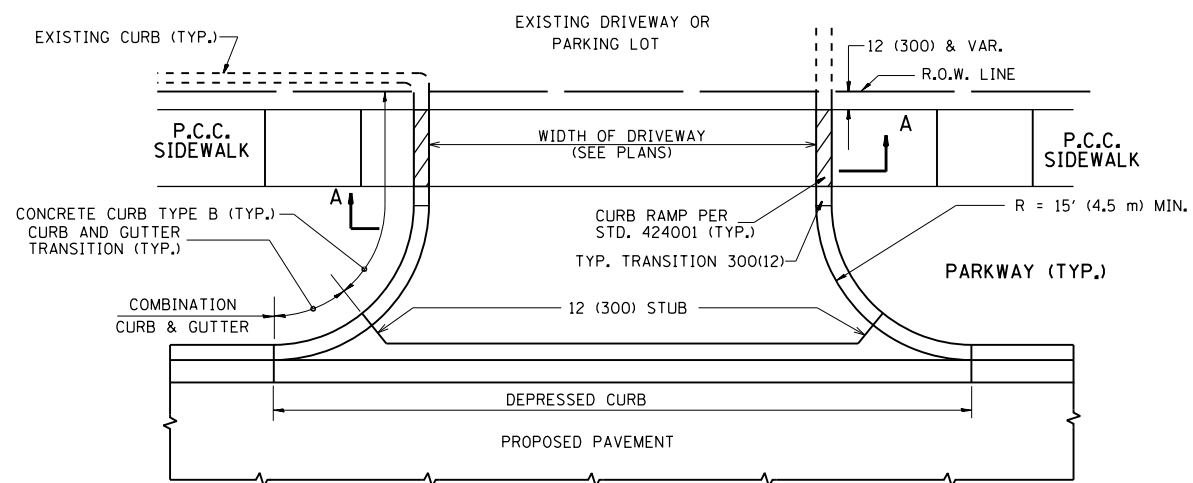
1. USE BLACK LETTERING ON ORANGE BACKGROUND. ALL LETTERING SHALL BE HIGHWAY C FONT.
2. ERECT SIGN ASSEMBLY (POST MOUNTED) WITH PANELS ② AND ③ IN PLACE ON ROAD TO BE CLOSED IN EACH DIRECTION NEAR POINT OF CLOSURE OR WITHIN SECTION TO BE FULLY CLOSED TWO (2) WEEKS PRIOR TO START DATE OF FULL CLOSURE. REMOVE SIGN AFTER CLOSURE
3. OVERLAY PANEL ② TO CONTAIN STARTING DATE OF FULL CLOSURE AND DETOUR IMPLEMENTATION. (EX. "FROM APR 2")
4. OVERLAY PANEL ③ TO CONTAIN ENDING MONTH OF FULL CLOSURE & DETOUR (EX. "THRU JULY"). OMIT THE DATE ON PANEL ③ ; MONTH ONLY.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS SQ. FT.
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ARTERIAL ROAD INFORMATION SIGN

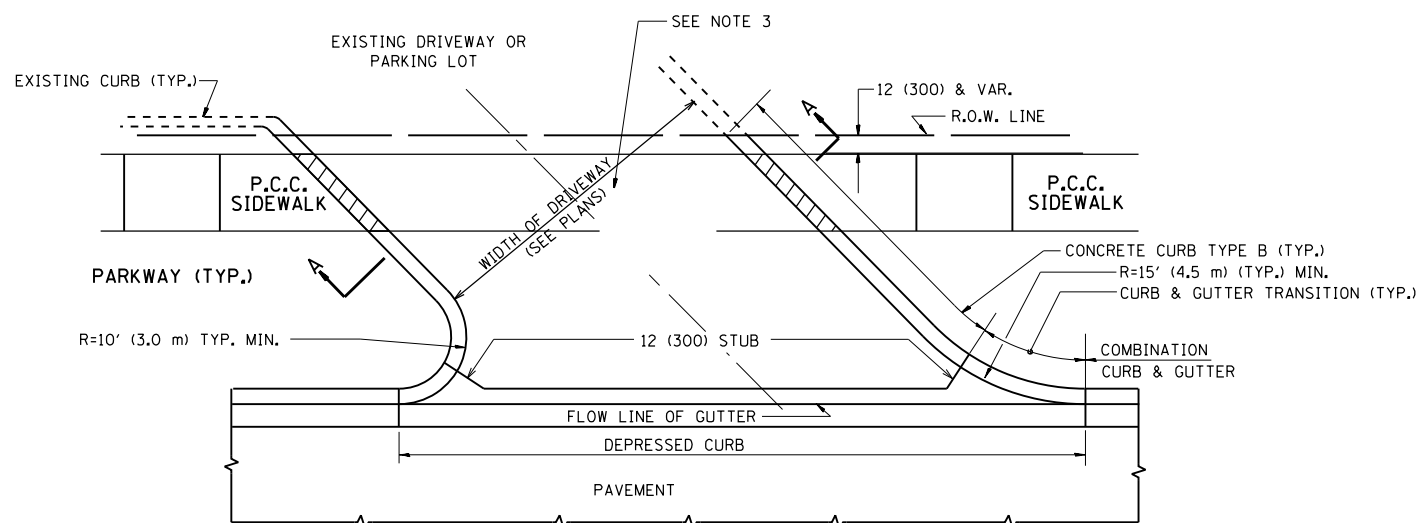
FOR ROADS TO BE FULLY CLOSED AND DETOURED

* ALL DIMENSIONS ARE IN INCHES UNLESS SHOWN OTHERWISE.

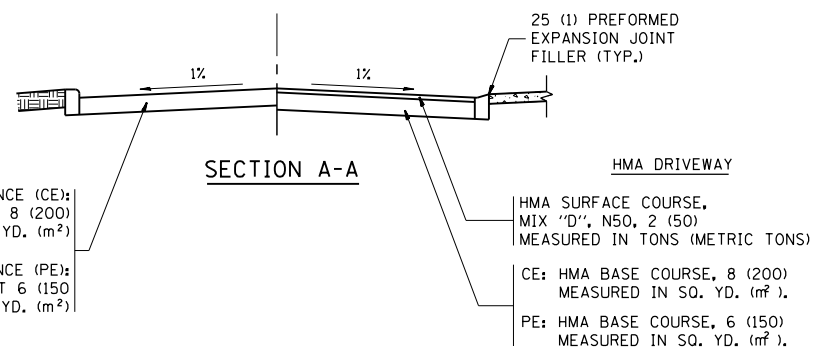
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RoadClosed	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							



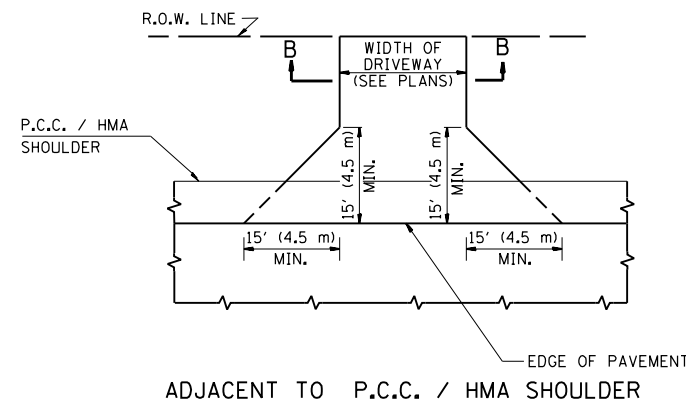
WITH CONCRETE CURB, TYPE B



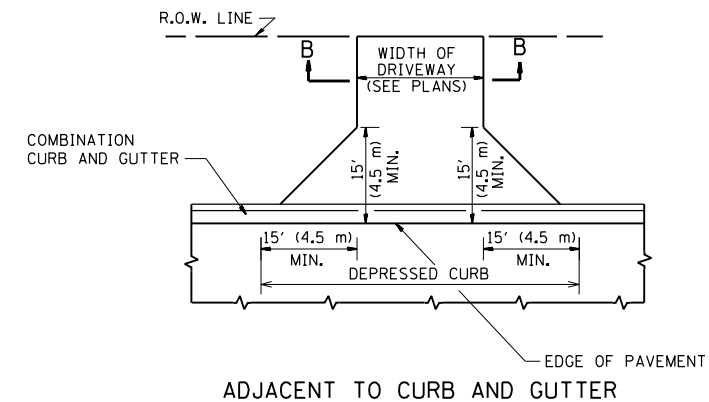
WITH CONCRETE CURB, TYPE B



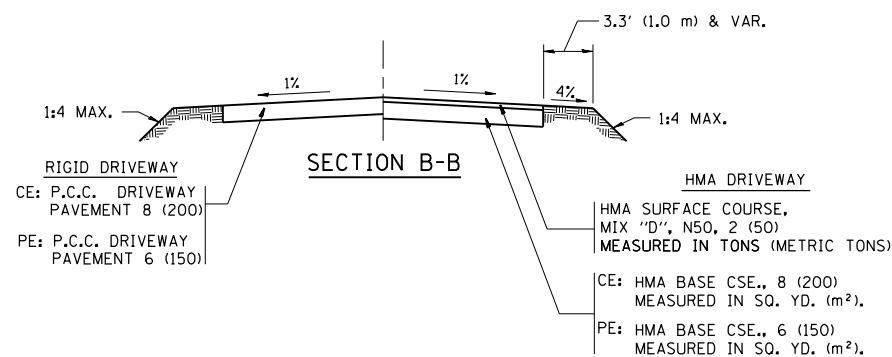
SECTION A-A



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



SECTION B-B

RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE, MIX 'D', N50, 2 (50) MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200) MEASURED IN SQ. YD. (m²).

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

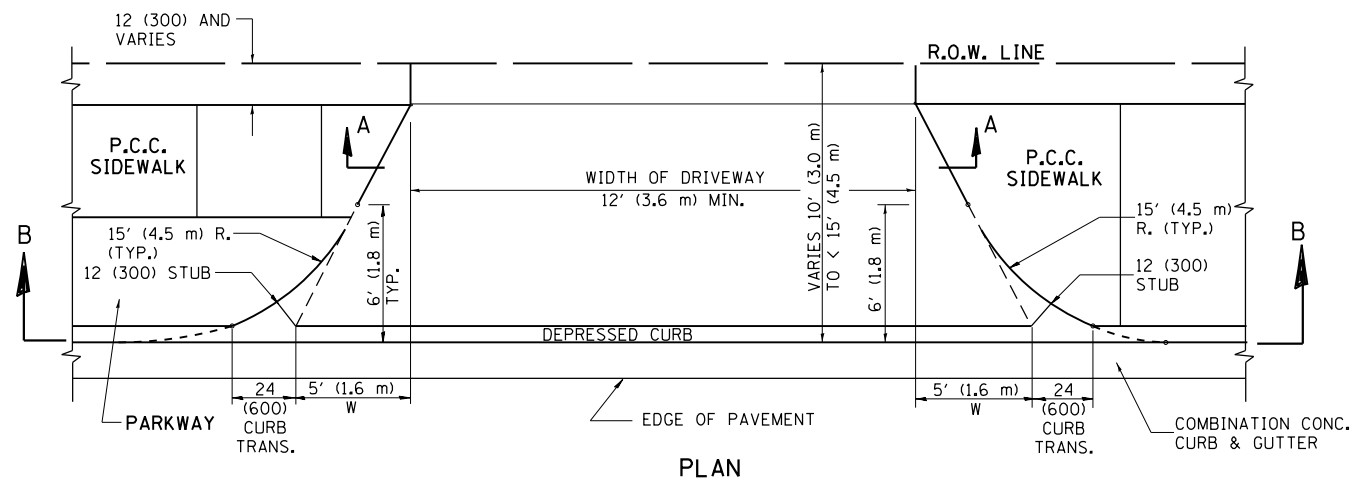
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pw:\11\084EBIDINTEG\11\inois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\PI449\DRAND\Design\DistStd.dgn		REVISOR - R. BORO 01-01-07	REVISOR - R. BORO 06-11-08
PLOT SCALE = 100.0077' / 1"		CHECKED -	REVISOR - R. BORO 09-06-11
PLOT DATE = 8/17/2018		DATE - 11-04-95	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

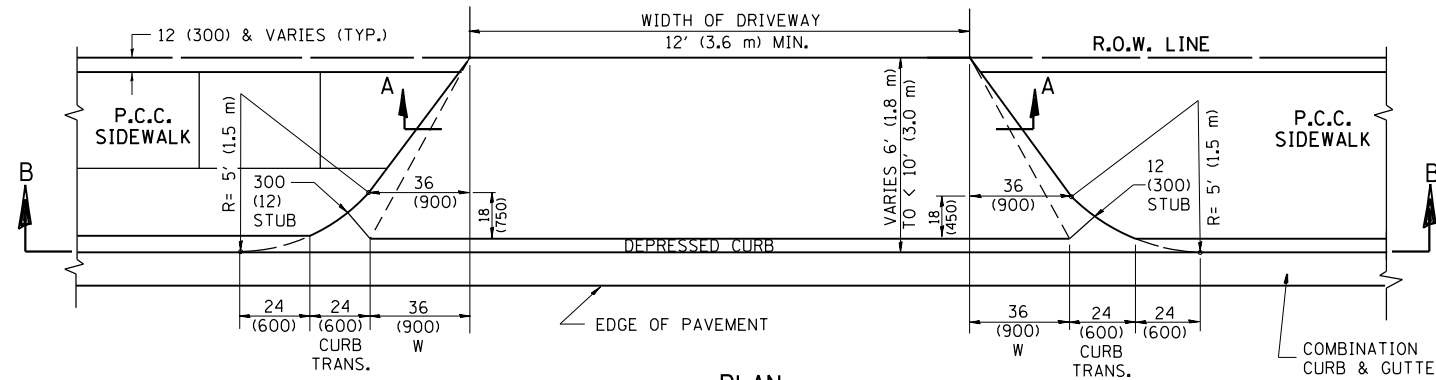
DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.
AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

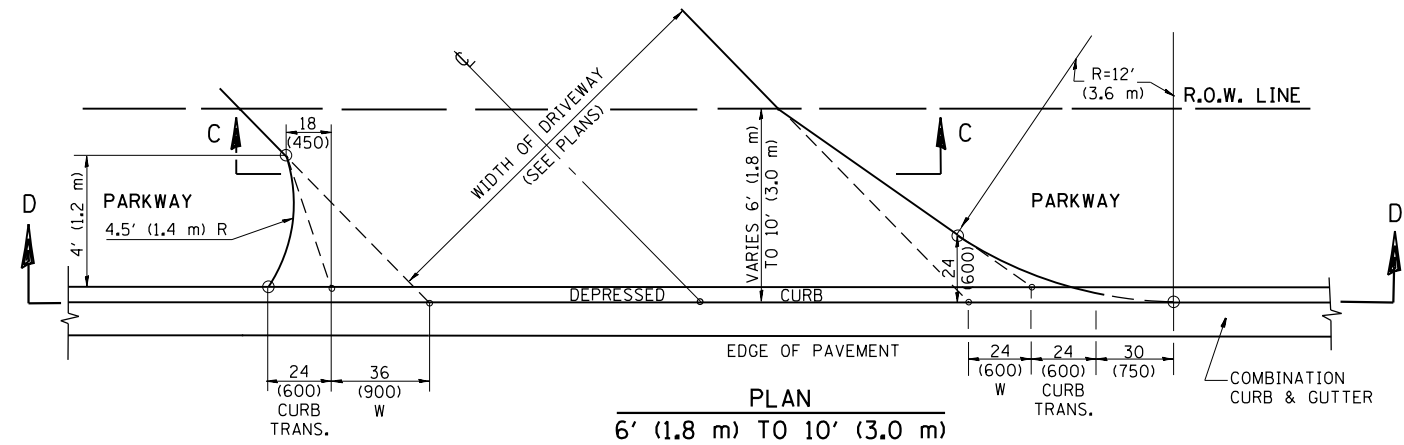
F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 77
BD0156-07 (BD-01)		CONTRACT NO. 62F16		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



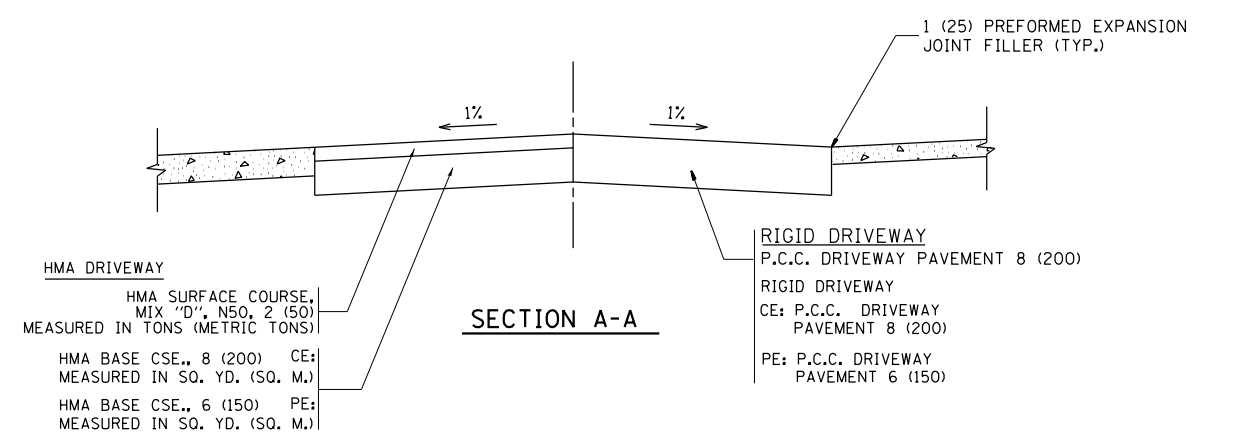
PLAN
10' (3.0 m) TO < 15' (4.5 m)



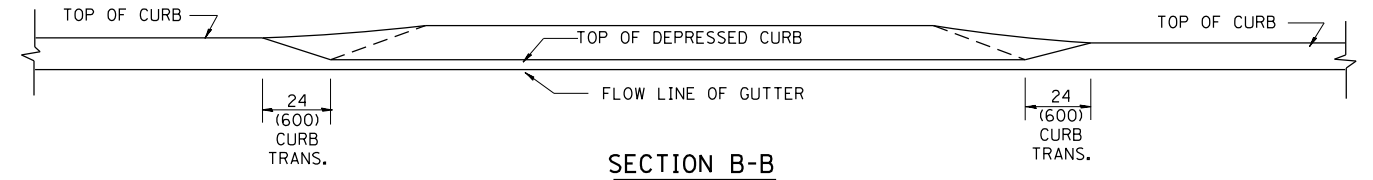
PLAN
6' (1.8 m) TO < 10' (3.0 m)



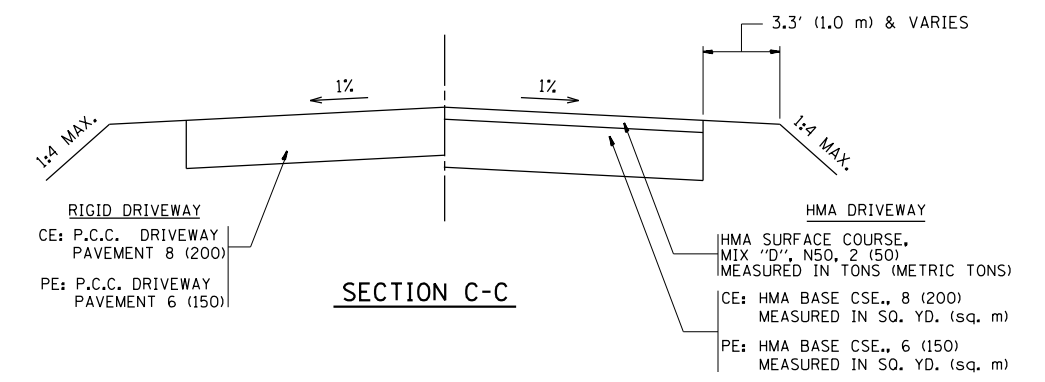
PLAN
6' (1.8 m) TO 10' (3.0 m)



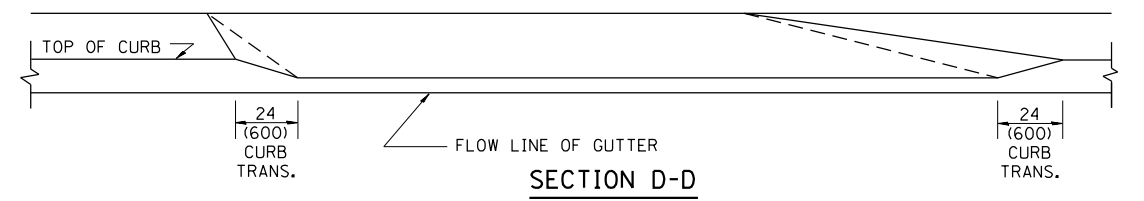
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

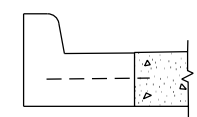
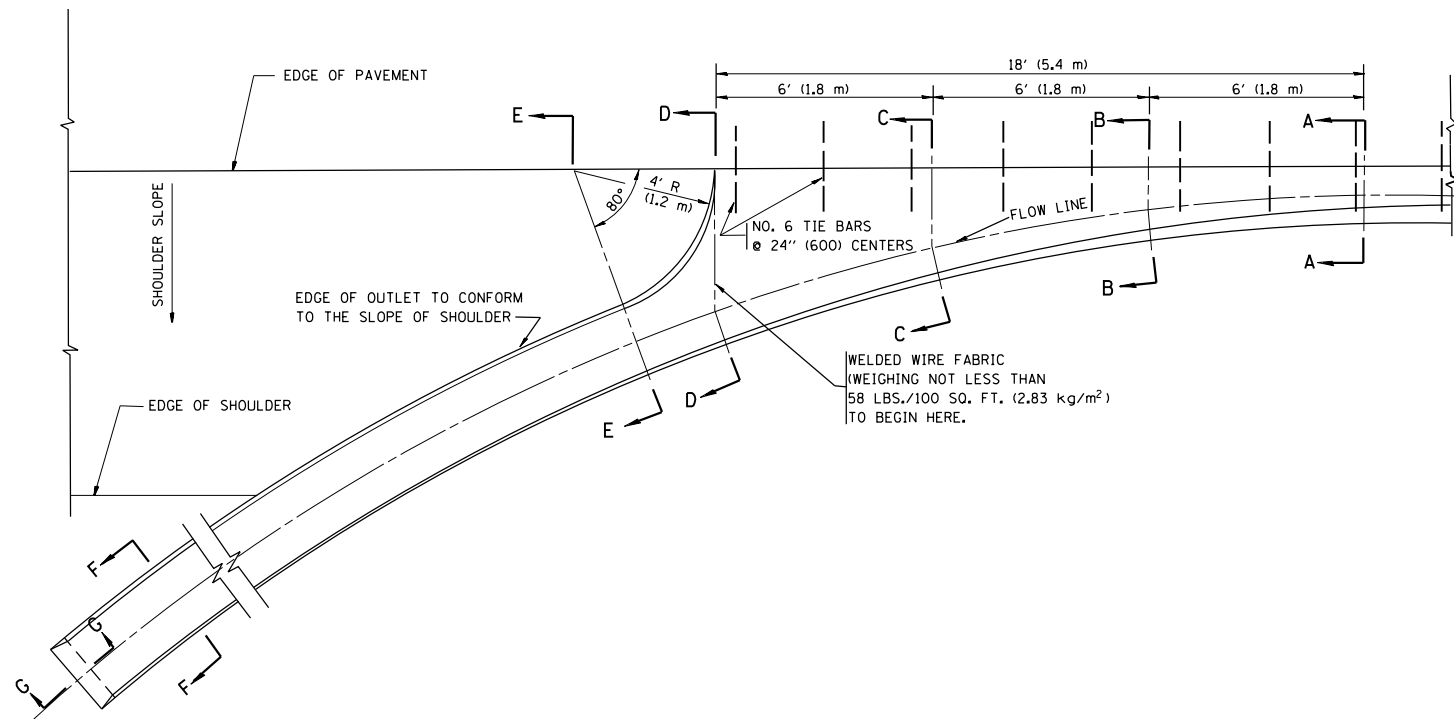
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = obebawa	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
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PLOT SCALE = 100.0515 / 1 in.		DATE - 11-06-95	REVISED - R. BORO 01-01-07
PLOT DATE = 8/17/2018			REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

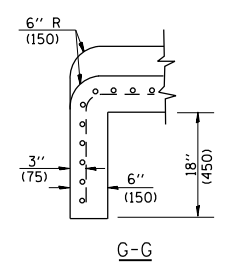
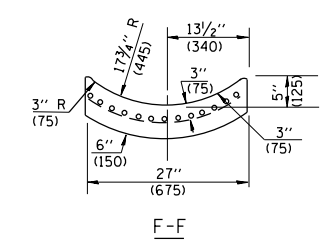
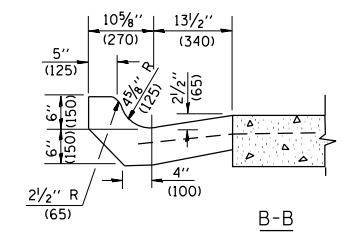
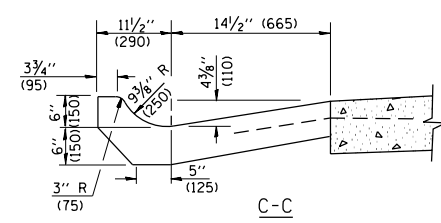
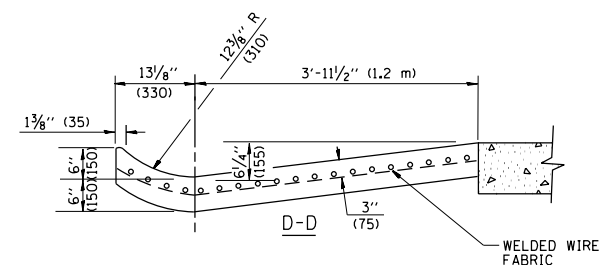
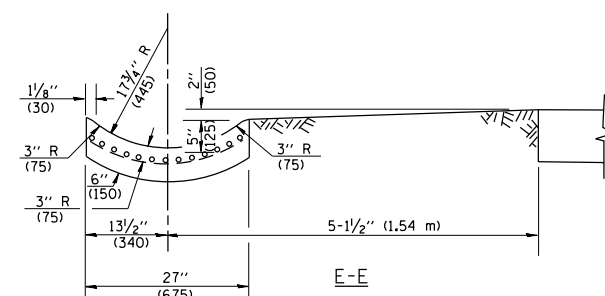
DRIVEWAY DETAILS			
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 78
BD400-02 (BD-02)		CONTRACT NO. 62F16		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



A-A *

* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

TIE BARS SHALL BE NO. 20 (NO.6) AT 24\" (600) CENTERS UNLESS OTHERWISE SHOWN.

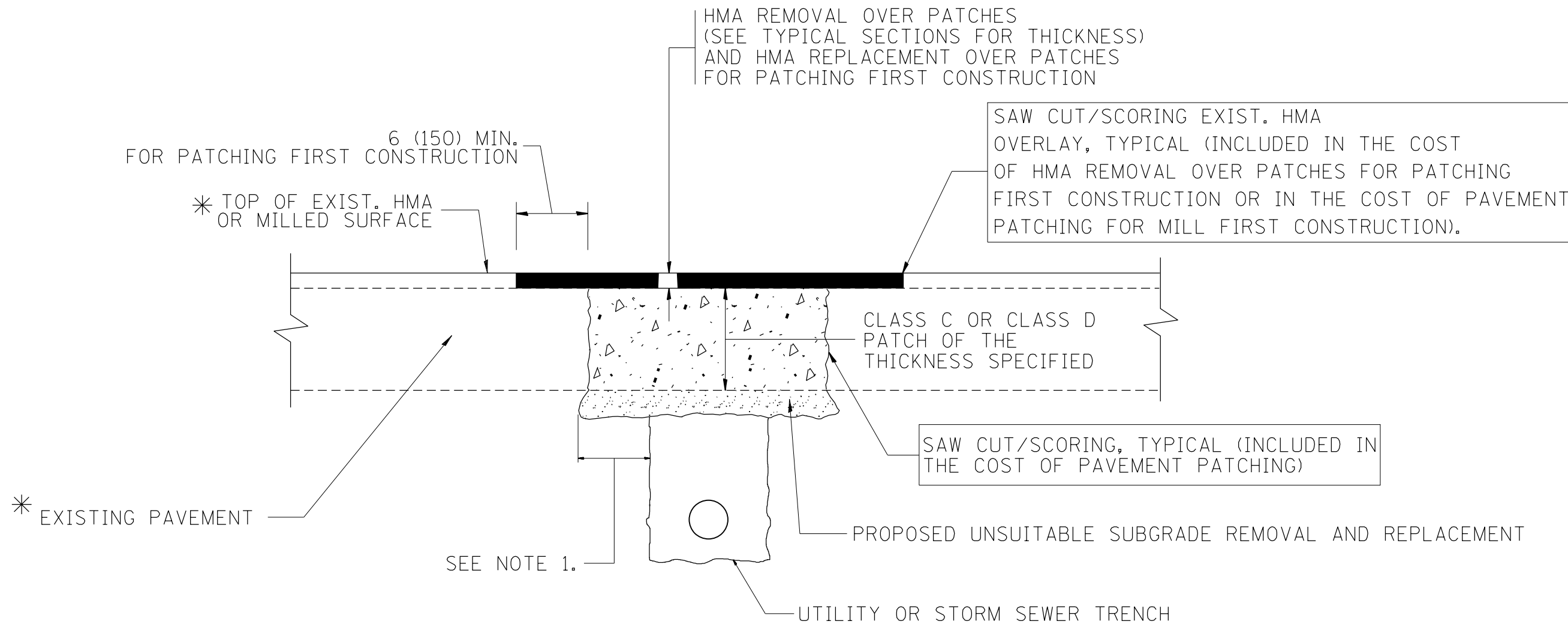
IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6\" (1.8 m) FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL =
 1.25 CU. YDS. (0.96 m³) CLASS SI CONCRETE (OUTLET) FOR 9\" (225) PAV'T.
 1.27 CU. YDS. (0.96 m³) CLASS SI CONCRETE (OUTLET) FOR 10\" (250) PAV'T.
 FOR SECTION F-F =
 0.045 CU. YDS. (0.03 m³) CLASS SI CONCRETE PER FT. (M).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = obebawa	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OUTLET FOR CONCRETE CURB AND GUTTER			F.A.P. RTE. = 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 79
p:\11\084EBIDINTEG.11\inois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\P14480\Drawings\Design\DistStd.dgn					REVISED - R. SHAH 10-25-94	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD600-01 (BD-03) CONTRACT NO. 62F16		
PLOT SCALE = 100.1156' / in.					REVISED - E. GOMEZ 12-21-00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
PLOT DATE = 8/17/2018					DATE - 08-04-86							



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

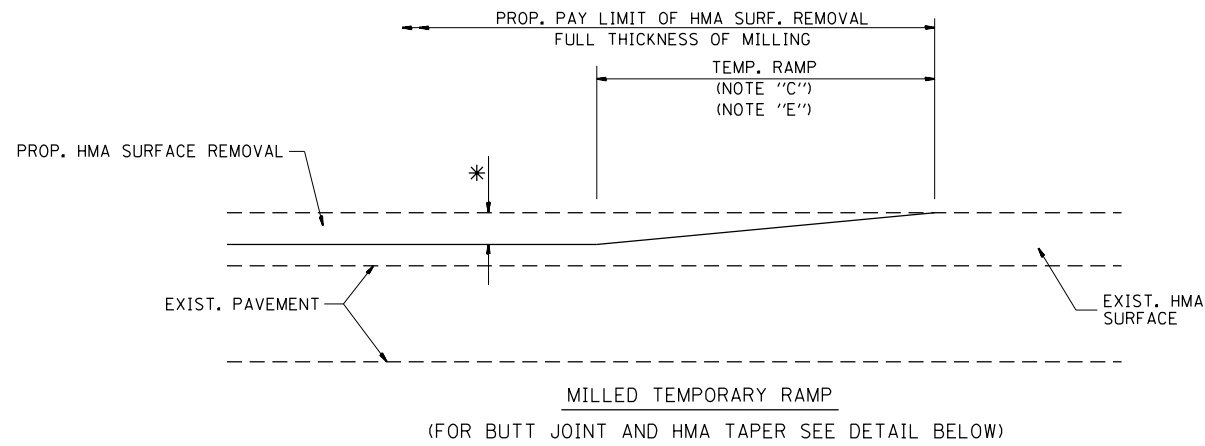
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

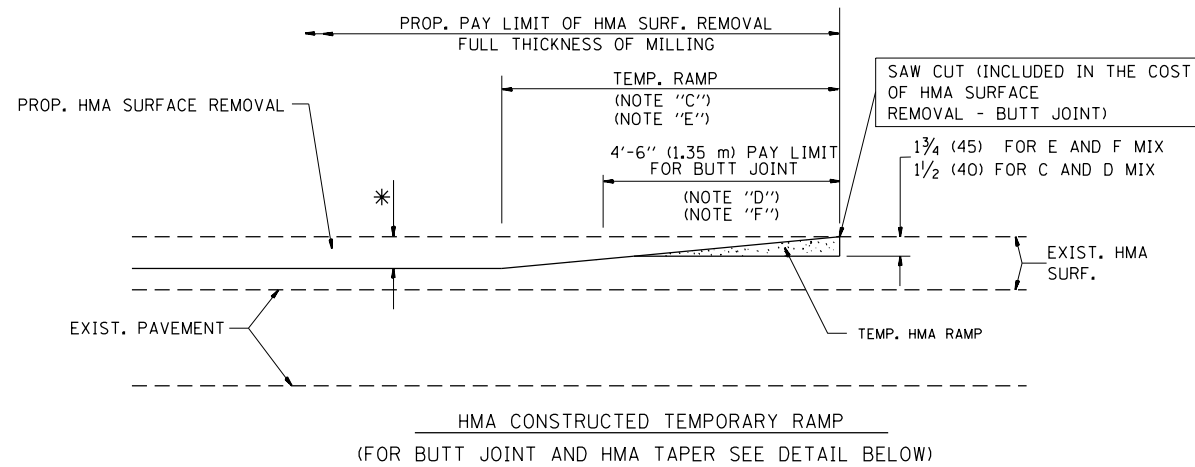
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = abebawo	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\100T Offices\District 1\Projects\PI4490\Drawn\Design\DistStd.dgn		CHECKED -	REVISED - R. BORO 01-01-07					326	106X-R-4	KANE	107	80
PLOT SCALE = 100.1051' / in.		DATE - 10-25-94	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)			CONTRACT NO. 62F16				
PLOT DATE = 8/17/2018			REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

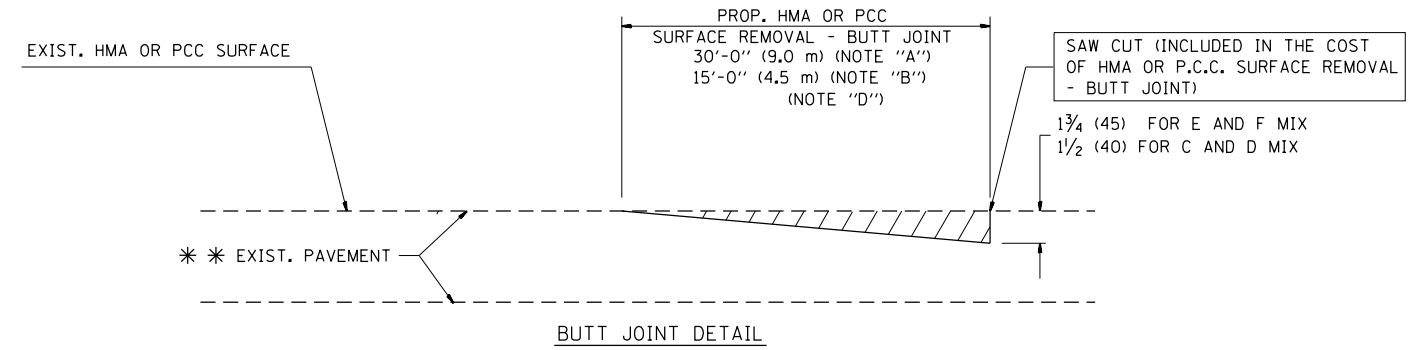


OPTION 1

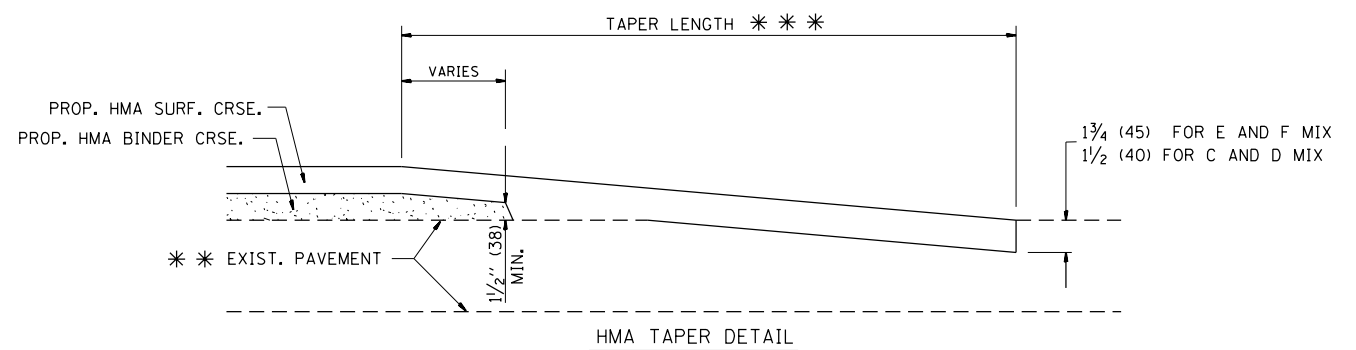


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

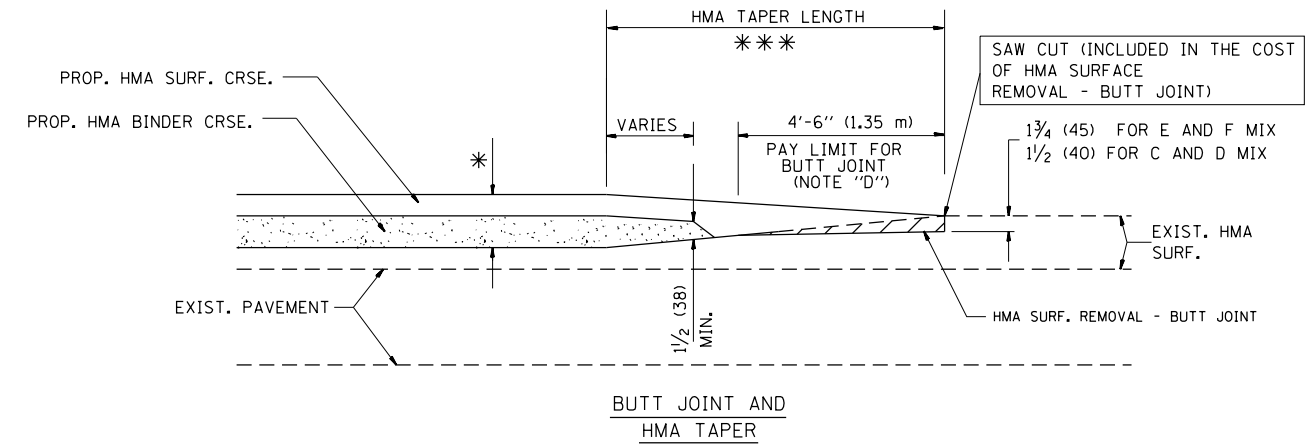
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

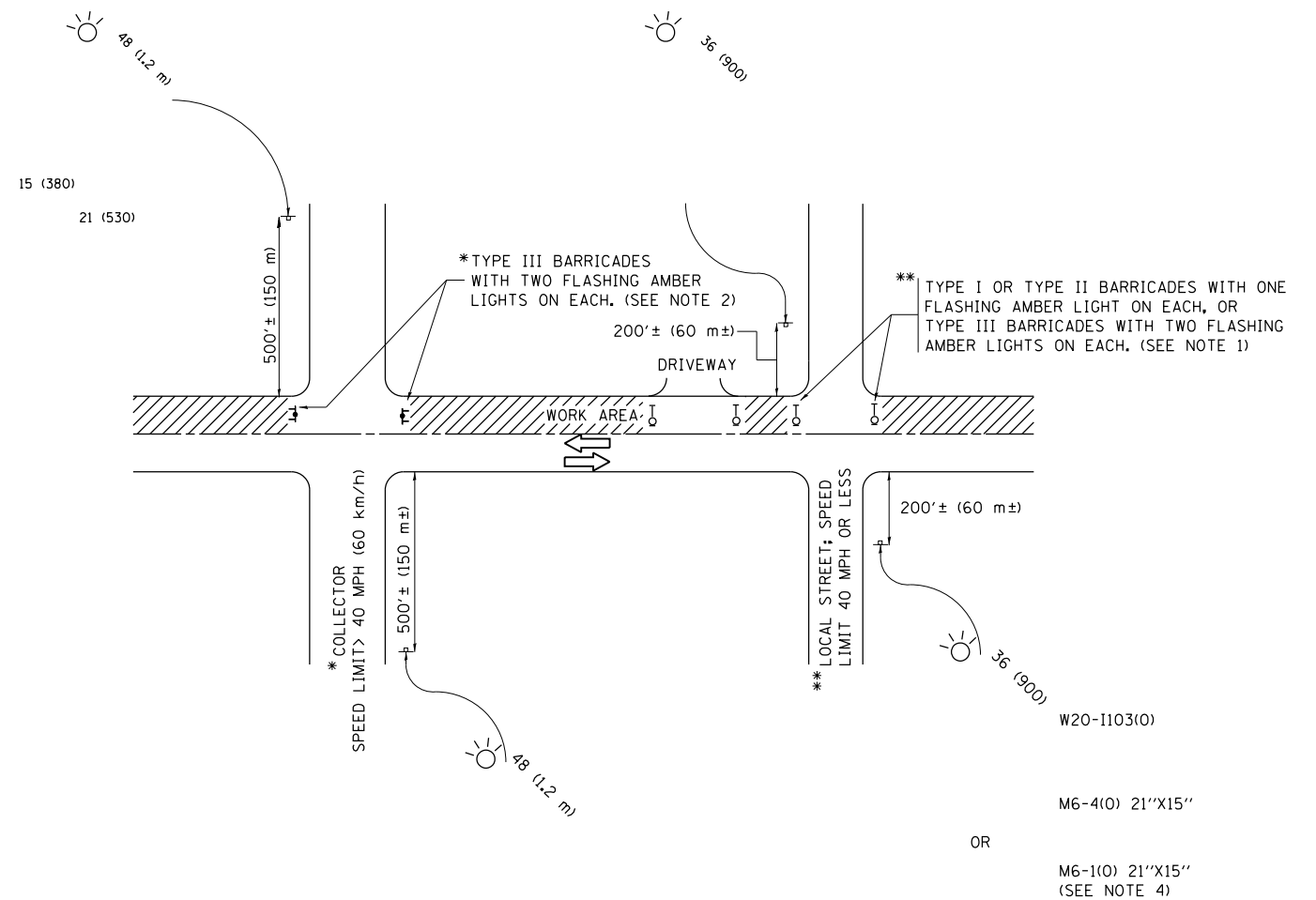
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 8/17/2018	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 81
BD400-05 BD32		CONTRACT NO. 62F16		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

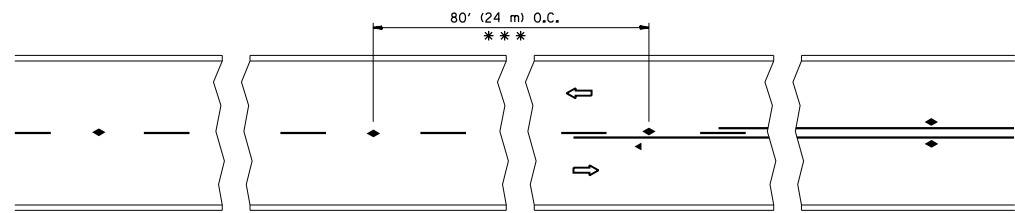
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	PLOT DATE = 8/17/2018	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

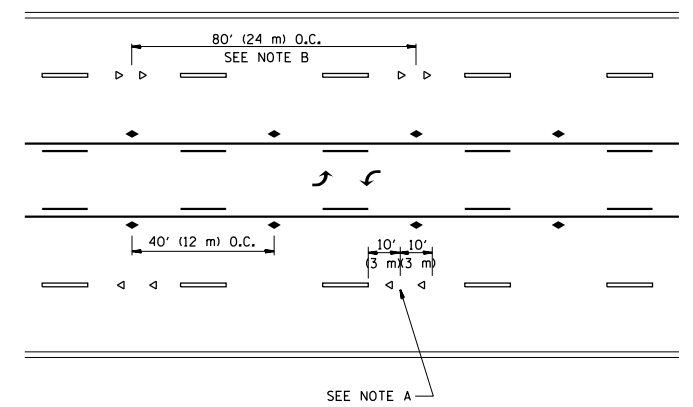
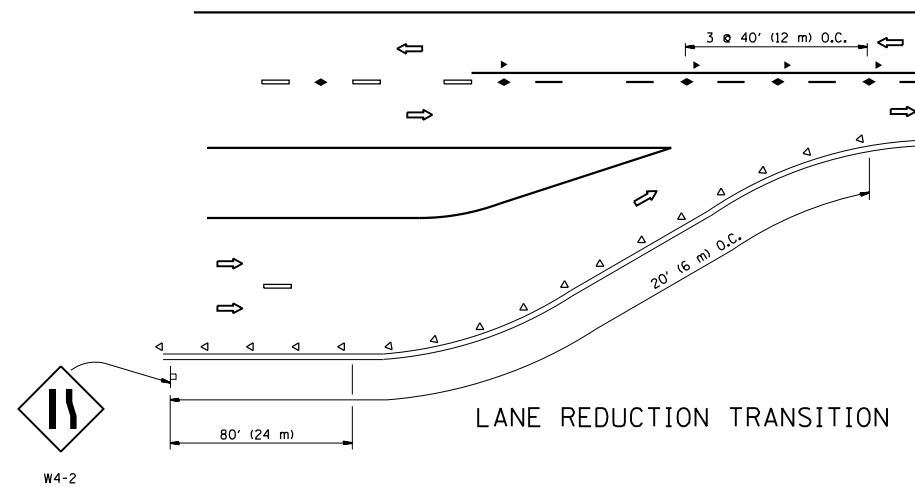
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	KANE	107	82
TC-10			CONTRACT NO. 62F16	
ILLINOIS FED. AID PROJECT				

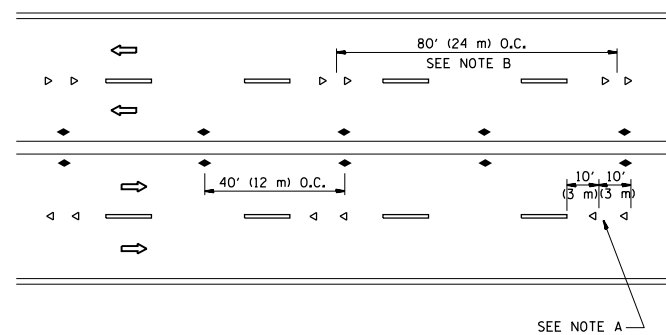


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

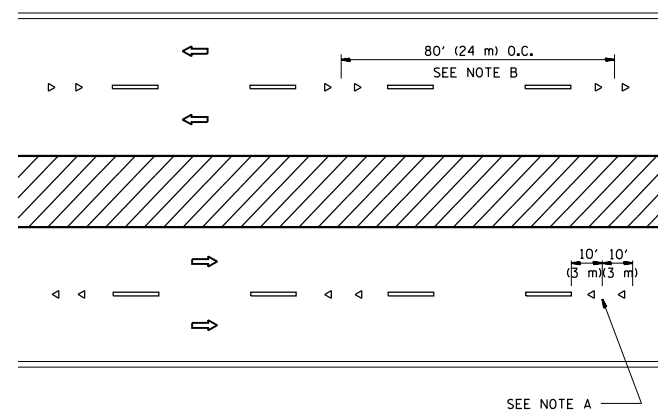
TWO-LANE/TWO-WAY



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

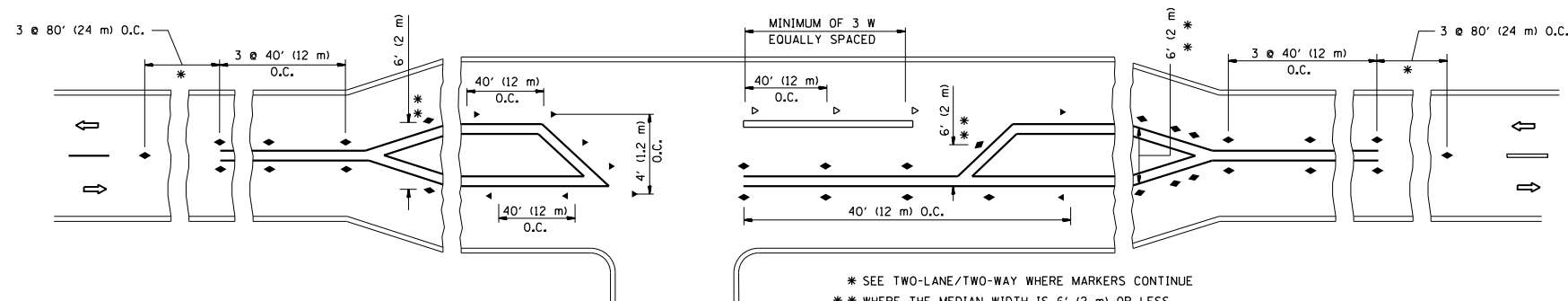
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

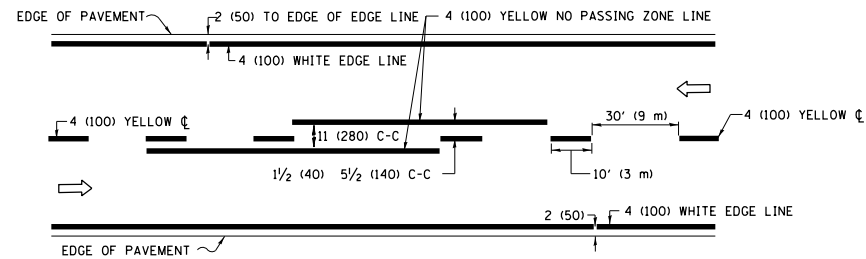


* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

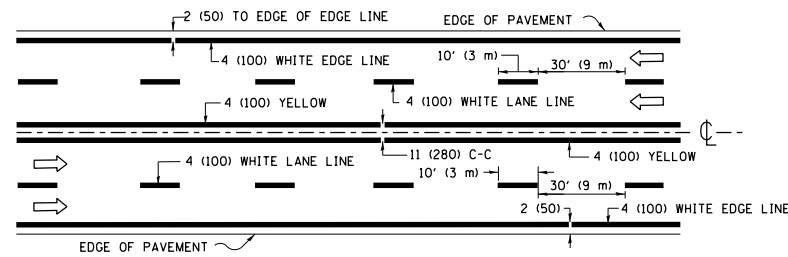
LEFT TURN

All dimensions are in inches (millimeters) unless otherwise shown.

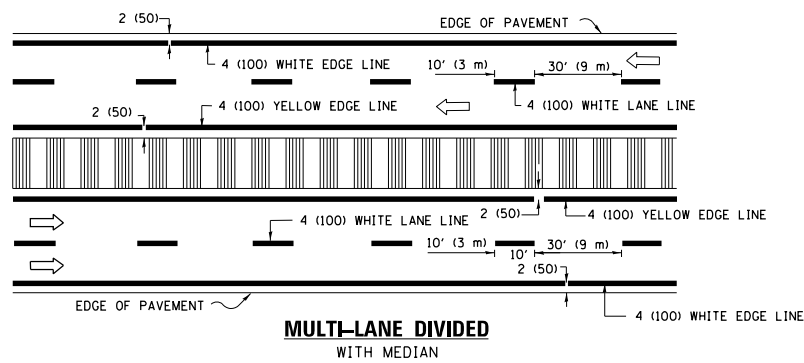
FILE NAME -	USER NAME - abebow	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 83
px:\ll084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\PI4490\BRAND\Design\DistStd.dgn		CHECKED -	REVISED - T. RAMMACHER 03-12-99		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-11 CONTRACT NO. 62F16			
PLOT SCALE = 100.0030' / 1"		DATE -	REVISED - T. RAMMACHER 01-06-00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
PLOT DATE = 8/17/2018			REVISED - C. JUCIUS 09-09-09									



2-LANE ROADWAY

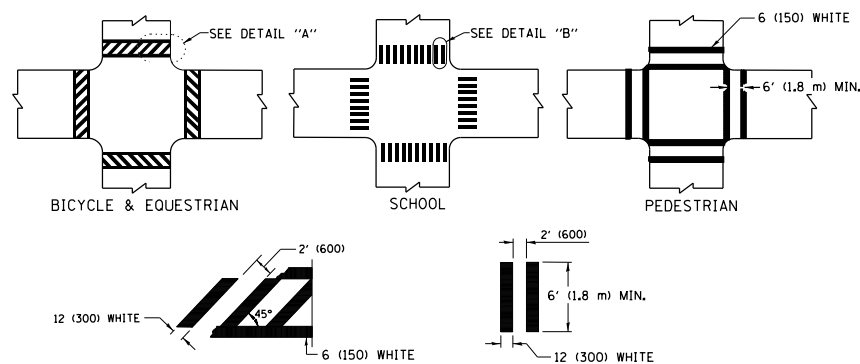


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

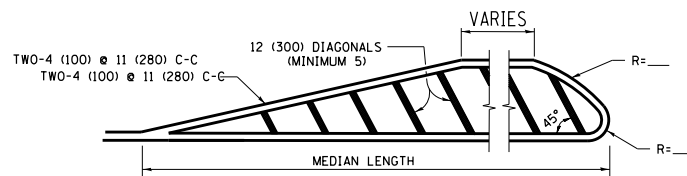
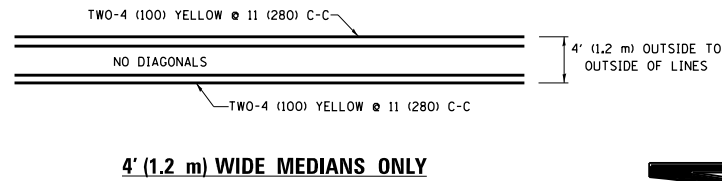


DETAIL "A"

DETAIL "B"

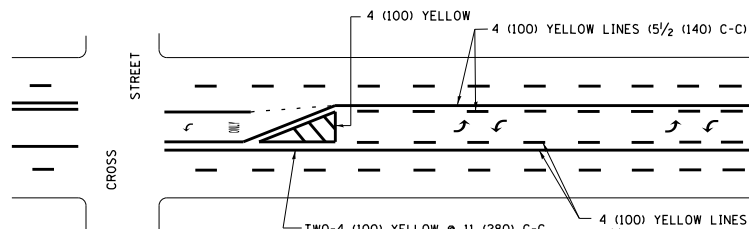
TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

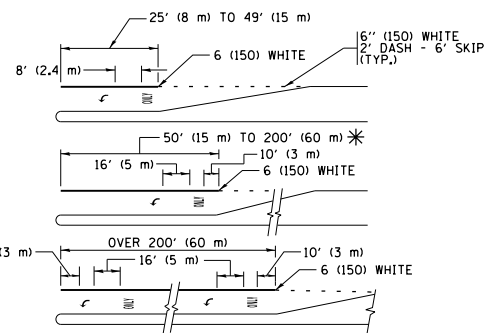
MEDIANS OVER 4' (1.2 m) WIDE



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

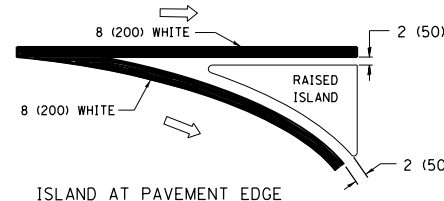
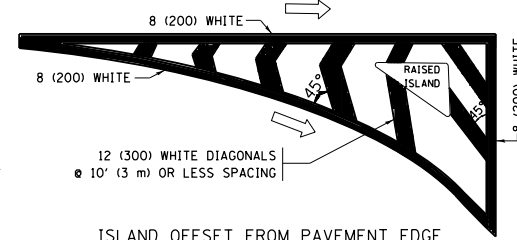


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

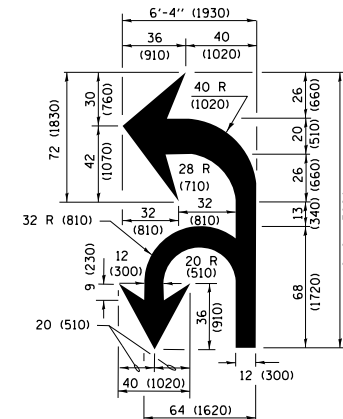
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

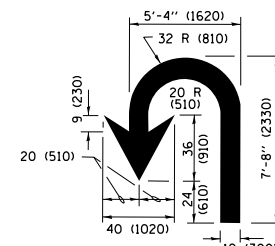
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES OF CENTER, LANE OR TURN LANE MARKINGS	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = abebawa	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
p:\IL084EBIDINTEG.11\inois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\PI480\Drawings\Design\DistStd.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 100.0000 / 1 in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 8/17/2018		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	KANE	107	84
TC-13			CONTRACT NO. 62F16	
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

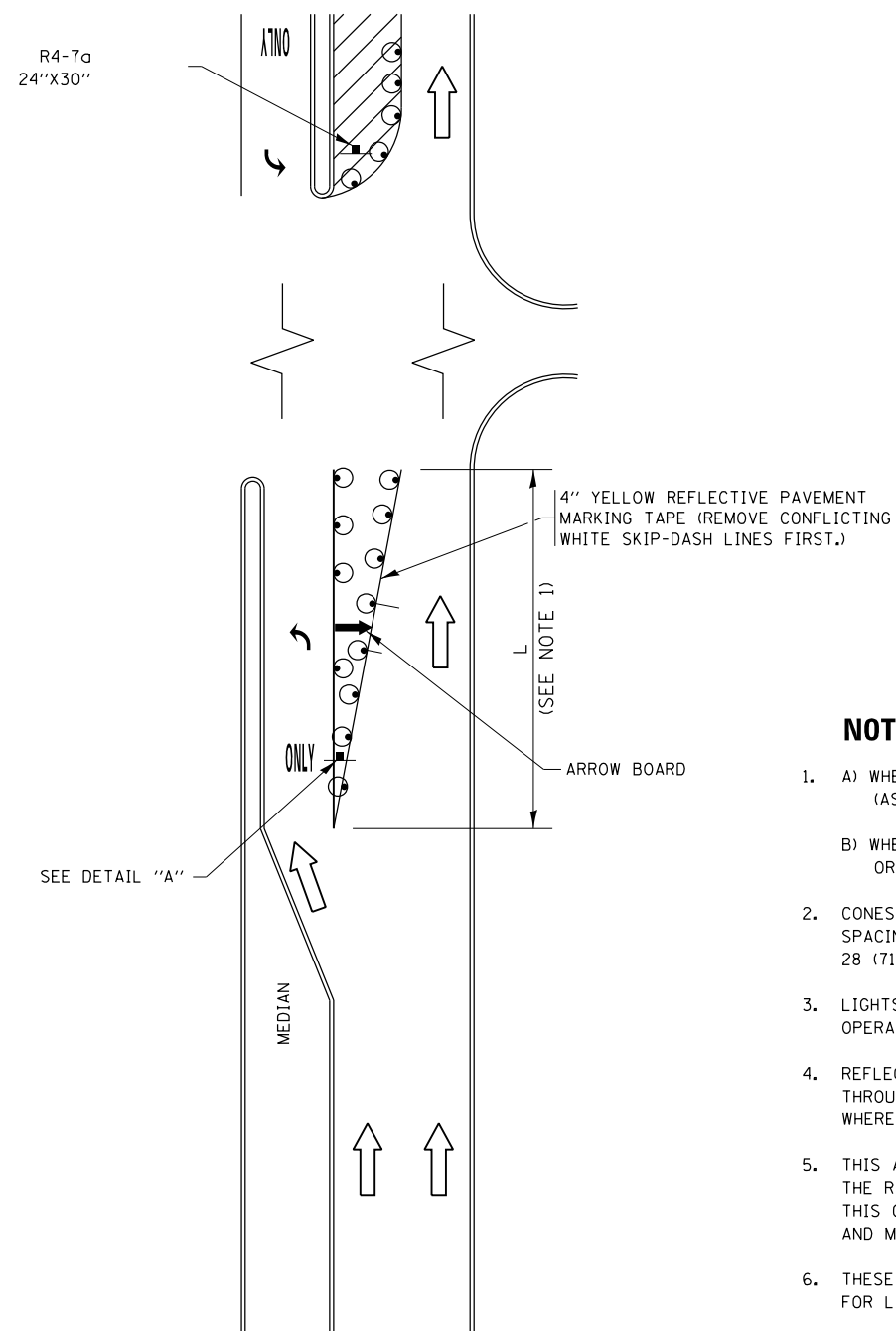
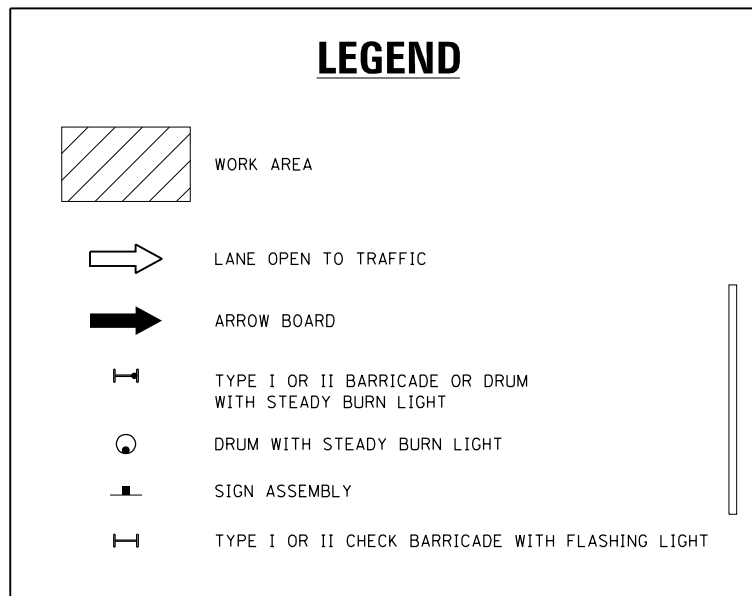


FIGURE 1



NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

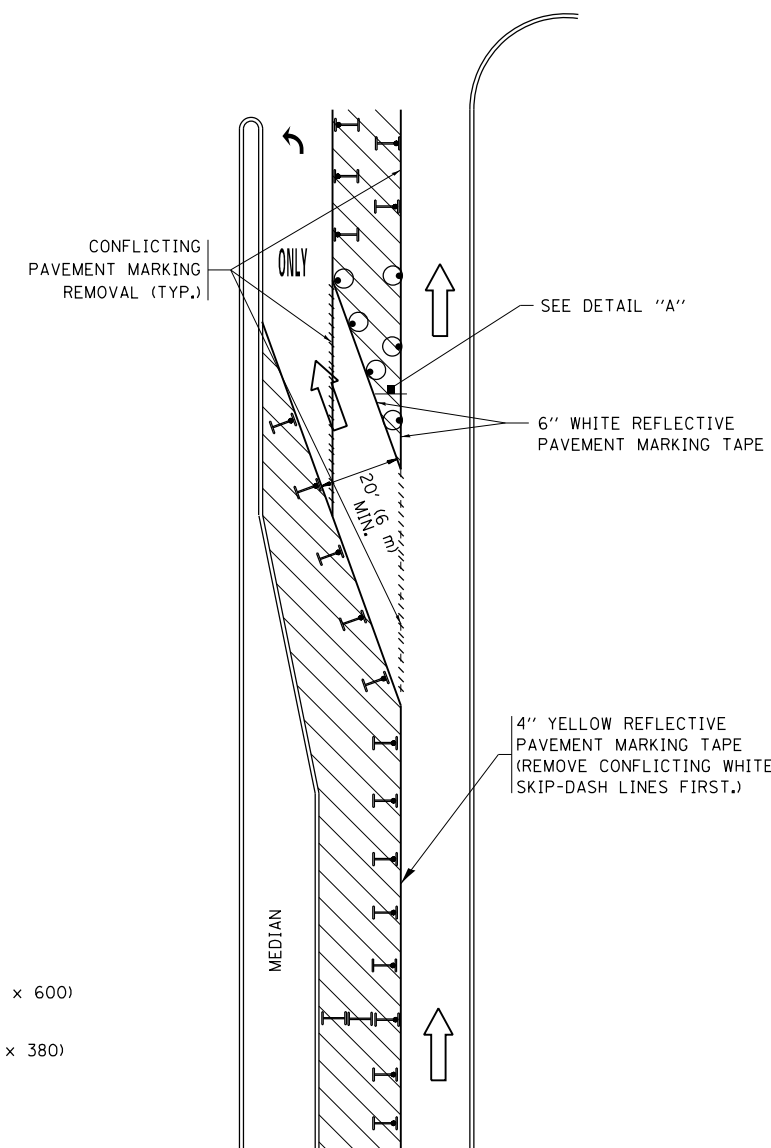
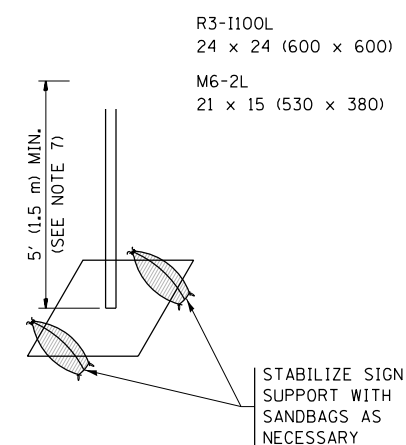


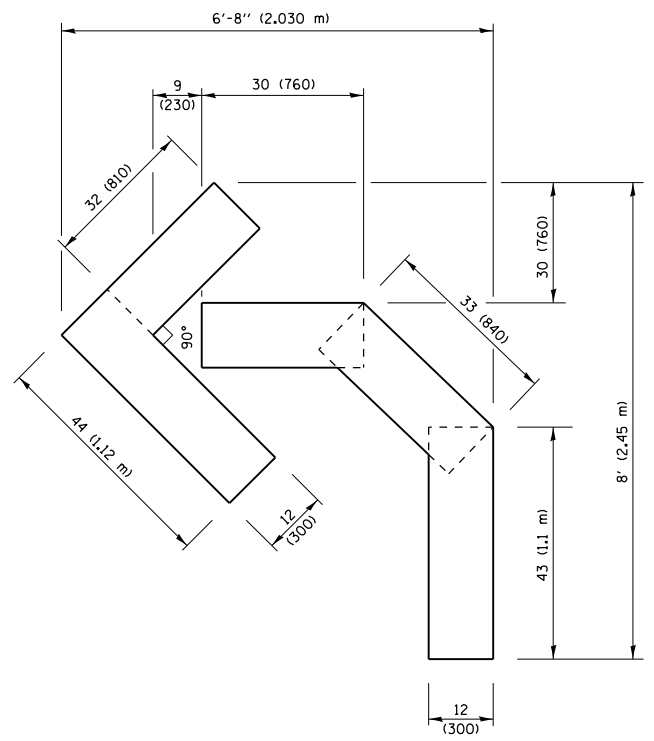
FIGURE 2



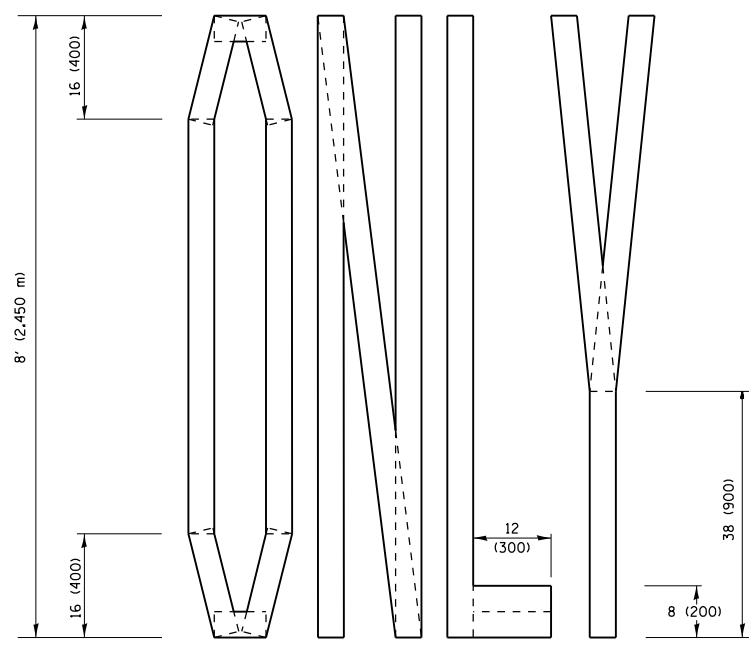
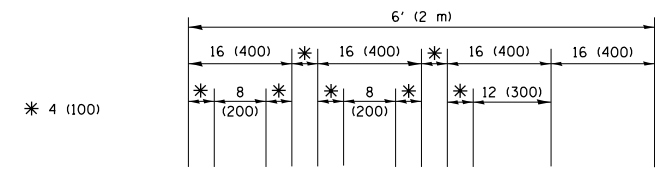
DETAIL A

All dimensions are in inches (millimeters) unless otherwise shown.

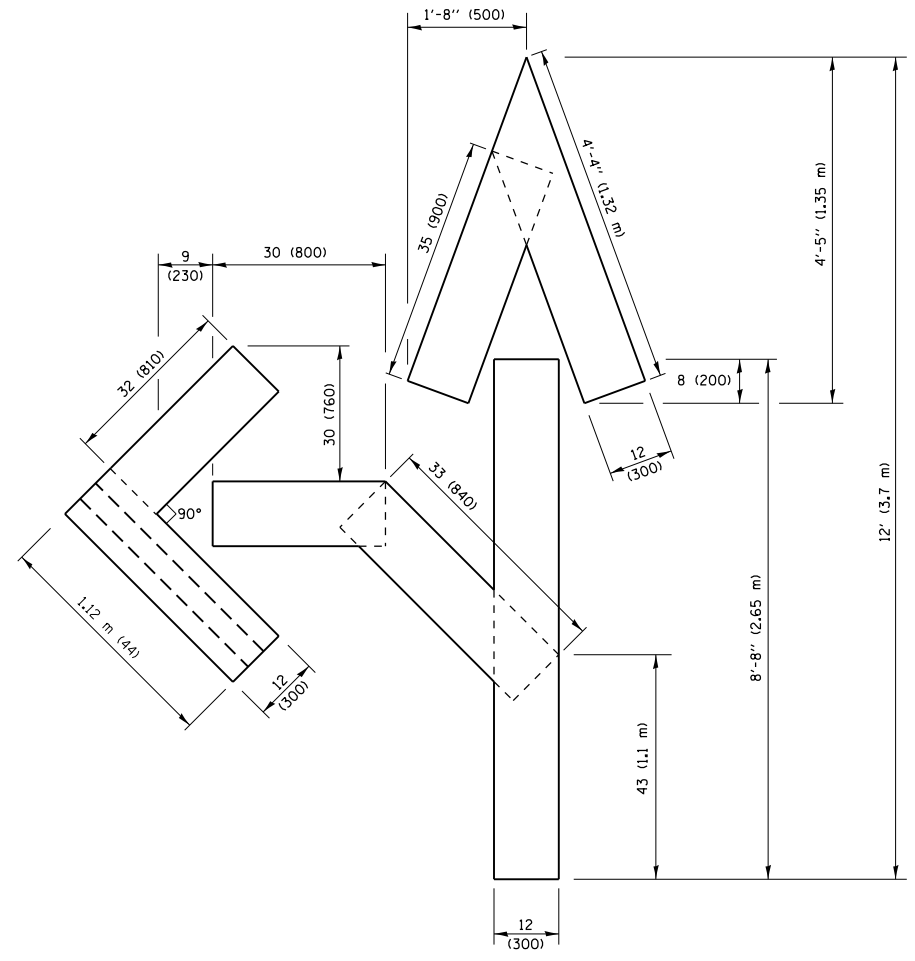
FILE NAME =	USER NAME = abebawa	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
px:\11\084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\1449\REVISED\Design\HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16					326	106X-R-4	KANE	107	85
Default	PLOT SCALE = 100.0000' / 1in.	REVISED - T. RAMMACHER 01-06-00	REVISED -		TC-14			CONTRACT NO. 62F16				
	PLOT DATE = 8/17/2018				ILLINOIS FED. AID PROJECT							



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

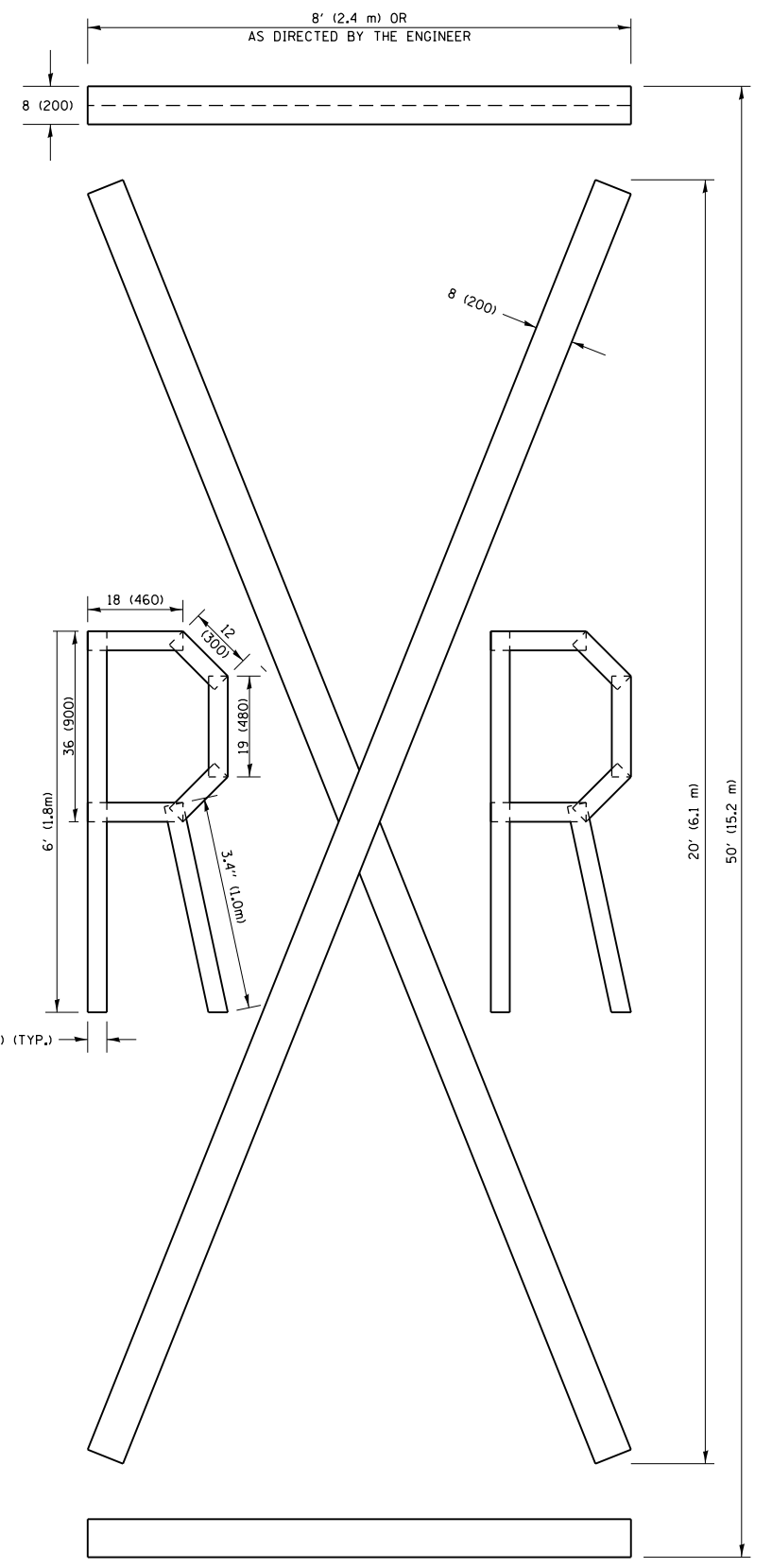


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.




FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
pw:\IL\084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\100T_Offices\District_1\Projects\P14490\Drawings\Design\DistStd.dgn		CHECKED -	REVISED - E. GOMEZ 08-28-00
		DATE - 09-18-94	REVISED - E. GOMEZ 08-28-00
			REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**






SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 86
TC-16		CONTRACT NO. 62F16		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				






ROUTE MARKERS

-  FOR U.S. ROUTES
MI-40-2424
-  FOR ILLINOIS ROUTES
MI-50-2424
-  R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

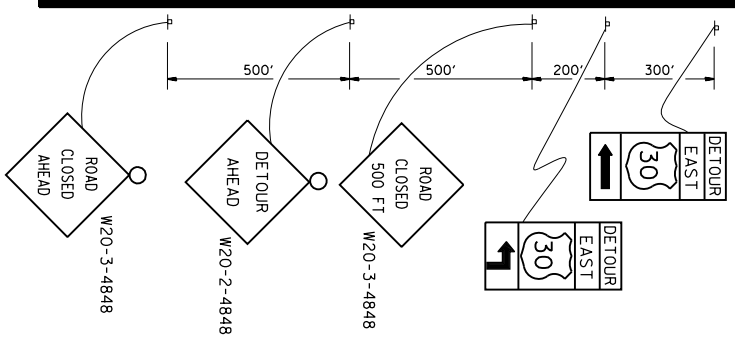
ARROWS SIGNS

-  M5-1L-2115
-  M5-1R-2115
-  M6-1-2115
-  M6-1-2115
-  M6-3-2115

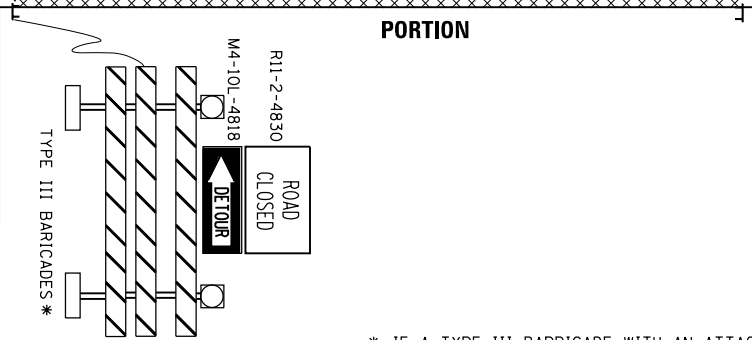
CARDINAL DIRECTION & DETOUR SIGNS

-  NORTH M3-1-2412
-  EAST M3-2-2412
-  SOUTH M3-3-2412
-  WEST M3-4-2412
-  DETOUR M4-8-2412

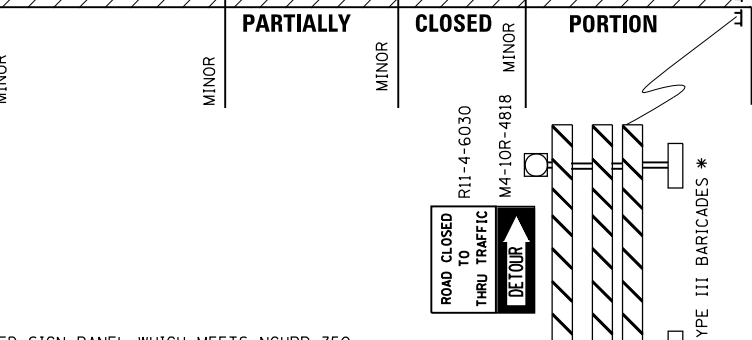
STATE ROUTE



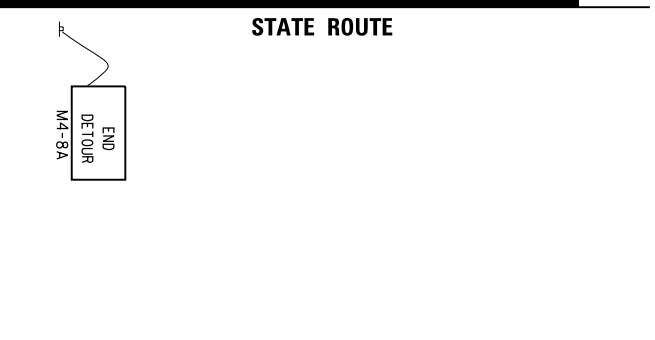
COMPLETELY CLOSED PORTION



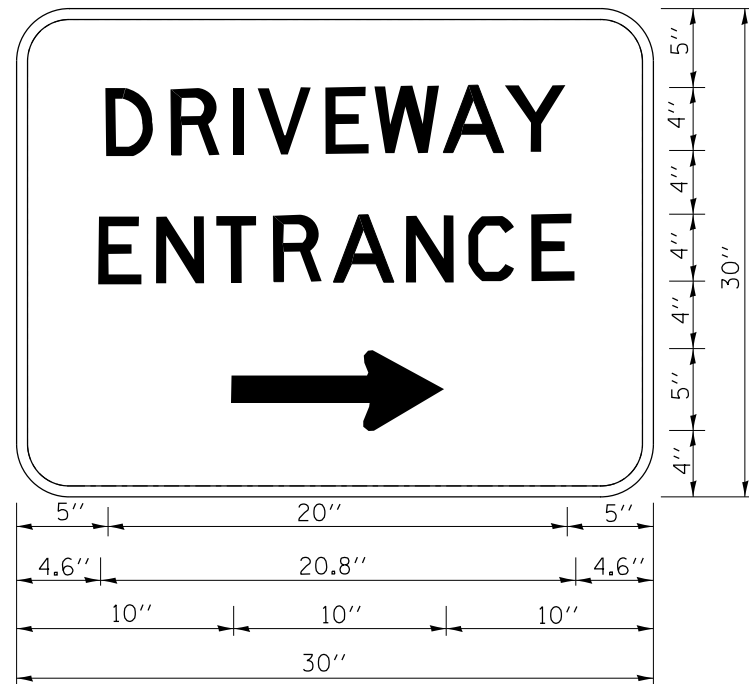
PARTIALLY CLOSED PORTION



STATE ROUTE



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
 PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN)
 SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
 AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
 FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME =	USER NAME = obebawo	DESIGNED -	REVISED - C. JUCIUS 02-15-07
p:\11\084EBIDINTEG\illinois.gov\PIDOT\Documents\100T Offices\District 1\Projects\1449\DRAND\Design\DistStd.dgn			REVISED -
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

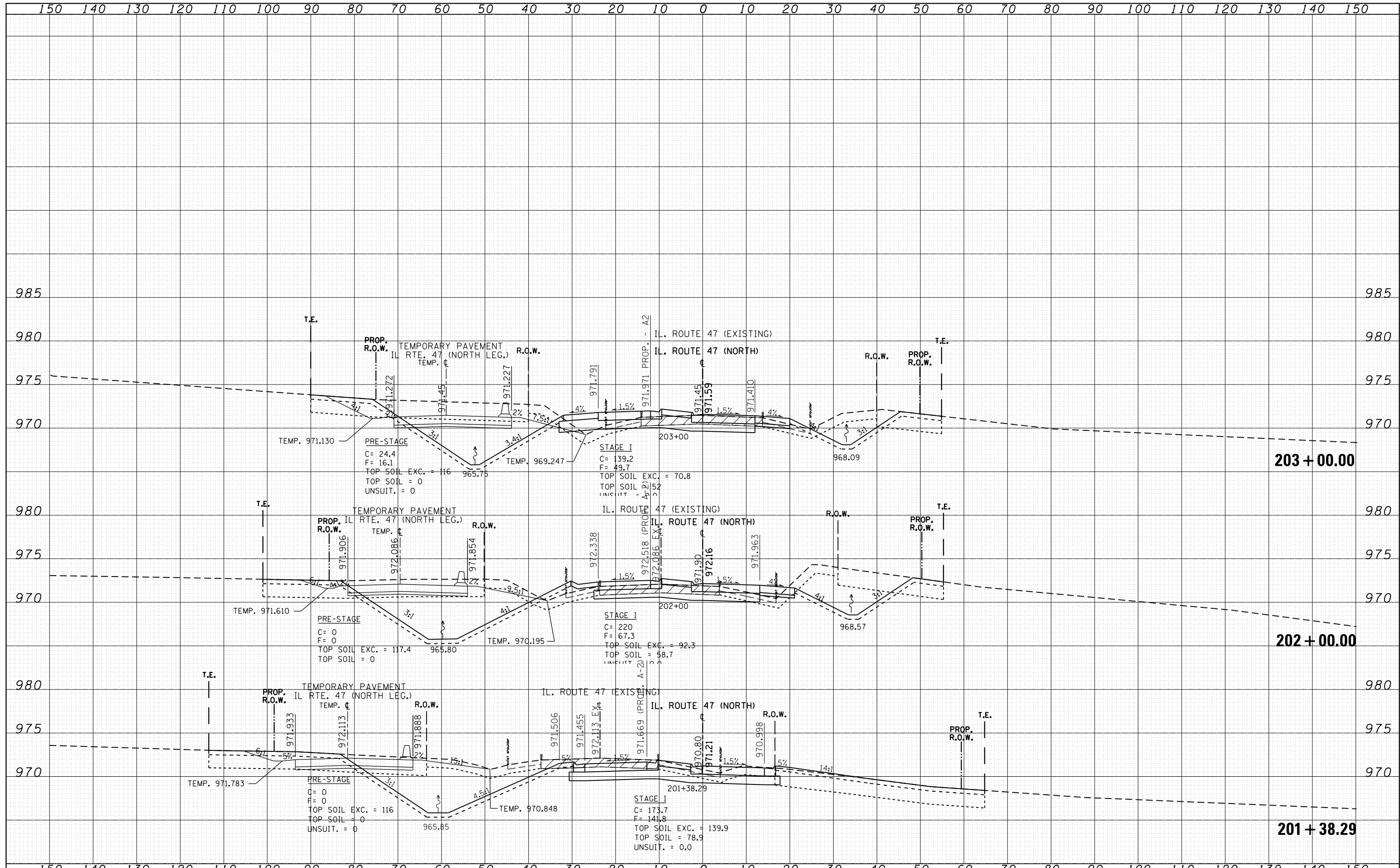
DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-R-4	KANE	107	88
TC-26			CONTRACT NO. 62F16	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

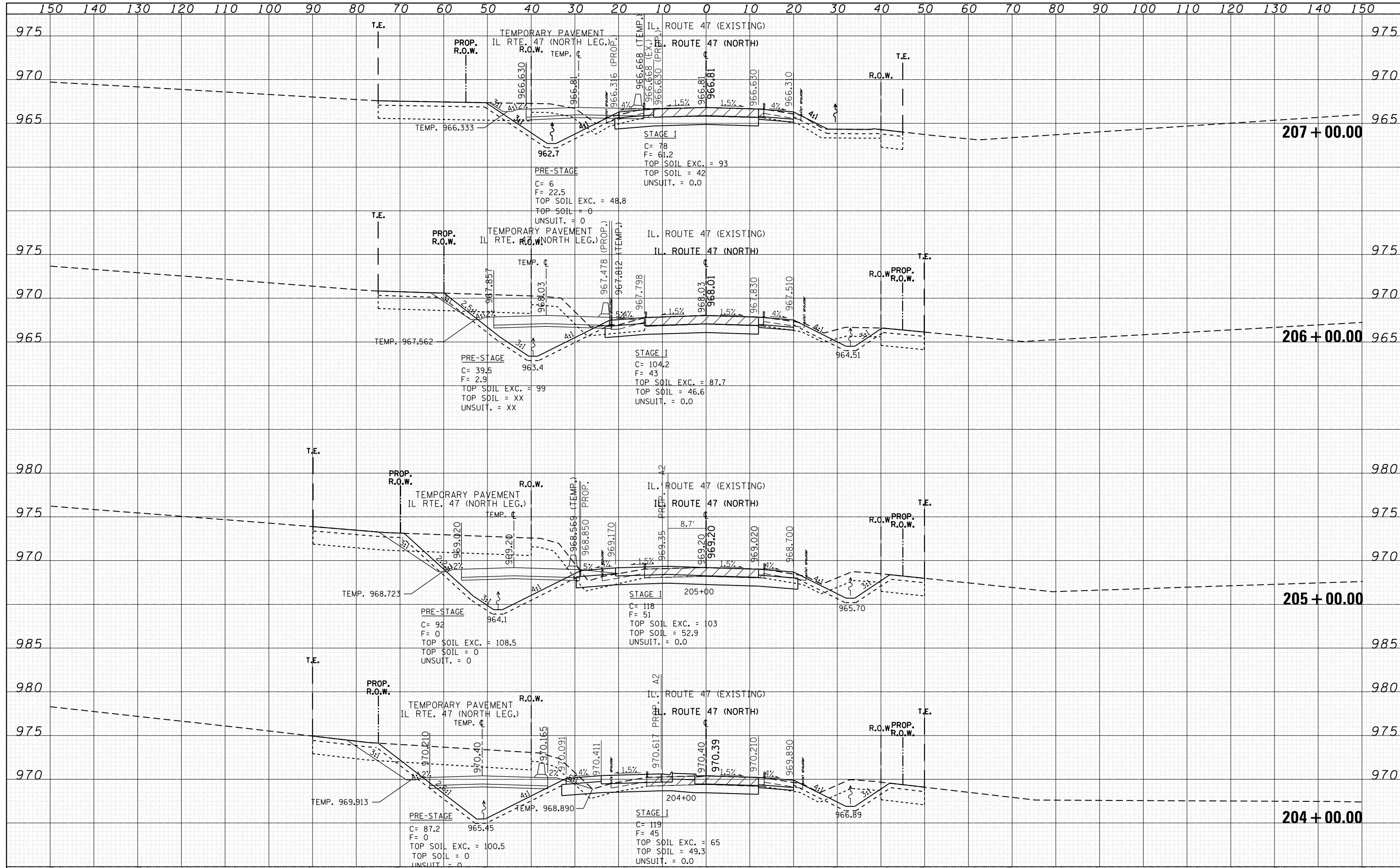
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BY	
SURVEYED	
PLOTTED	
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AREAS CHECKED	
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FILE NAME =	USER NAME = obebaw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL. ROUTE 47 (NORTH LEG)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	DOT Offices\District 1\Projects\PI44809\CADD\DRAWING\PI44809-shr-ssht-147-B.dgn	CHECKED -	REVISED -						326	106X-R-4	KANE	107	90
	PLOT SCALE = 20.0050' / in.	DATE -	REVISED -		CONTRACT NO. 62F16								
	PLOT DATE = 8/17/2018		REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 201+38.29	TO STA. 203+00.00	ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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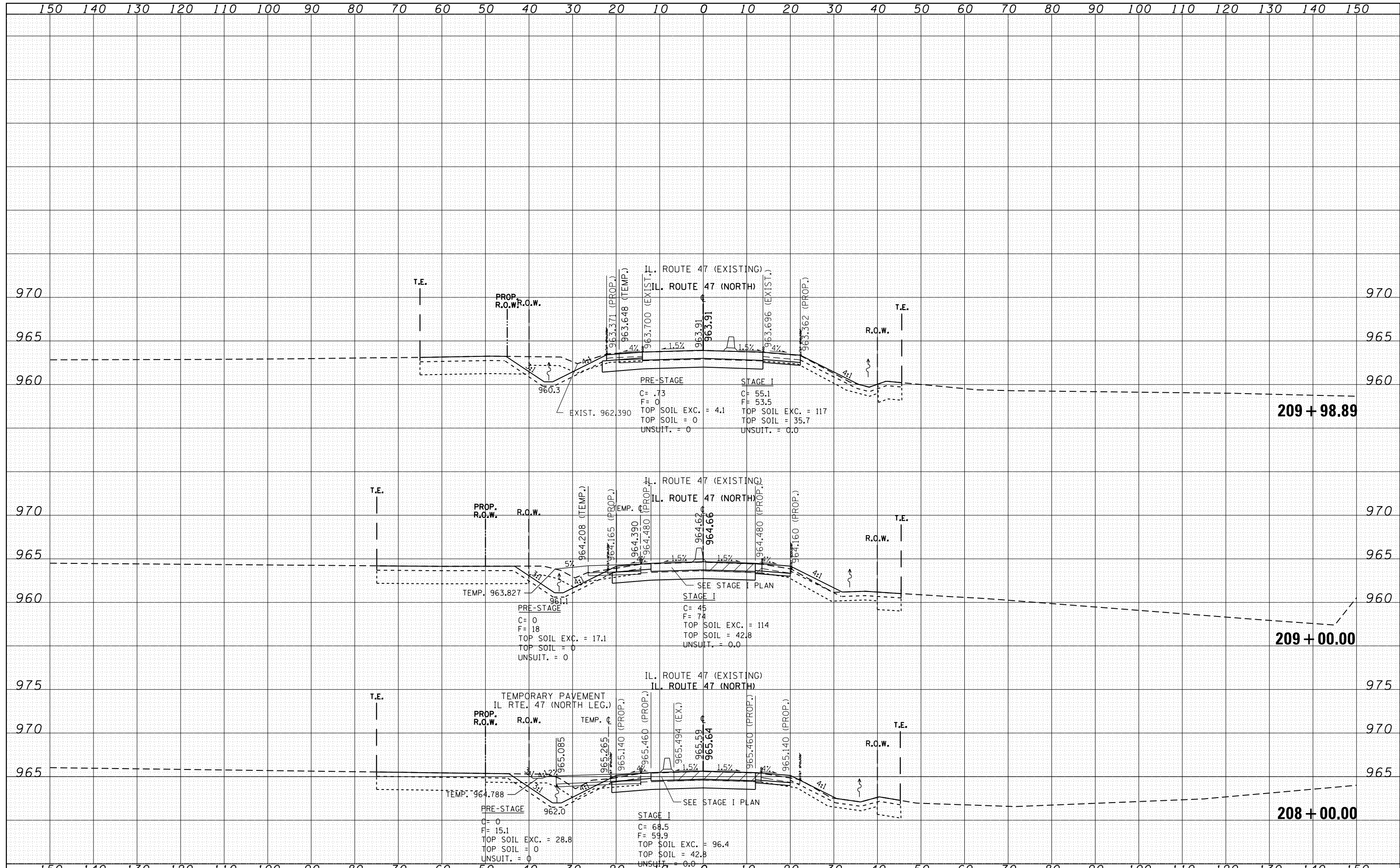
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NOTE BOOK	
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FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL. ROUTE 47 (NORTH LEG)			F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 90A
Default	DDOT Offices\District 1\Projects\PI4480\CAD\DRAWING\PI4480\9-shr-xssht-147-8.dgn	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 204+00.00	TO STA. 207+00.00	CONTRACT NO. 62F16	
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	PLOT DATE = 8/17/2018		REVISED -									

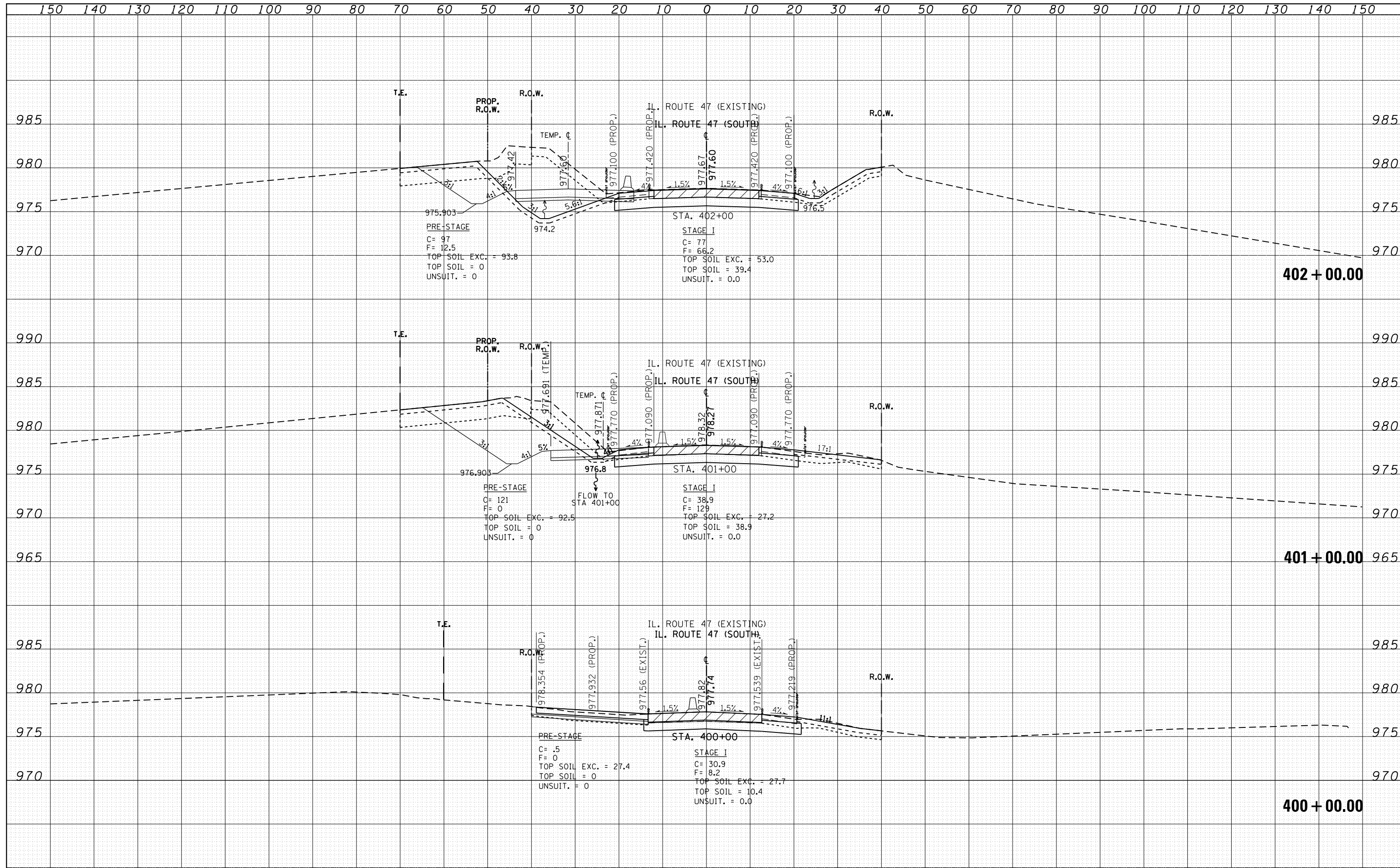
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ORIGINAL SURVEY	
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PLOTTED	
TEMPLATE	
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DATE	
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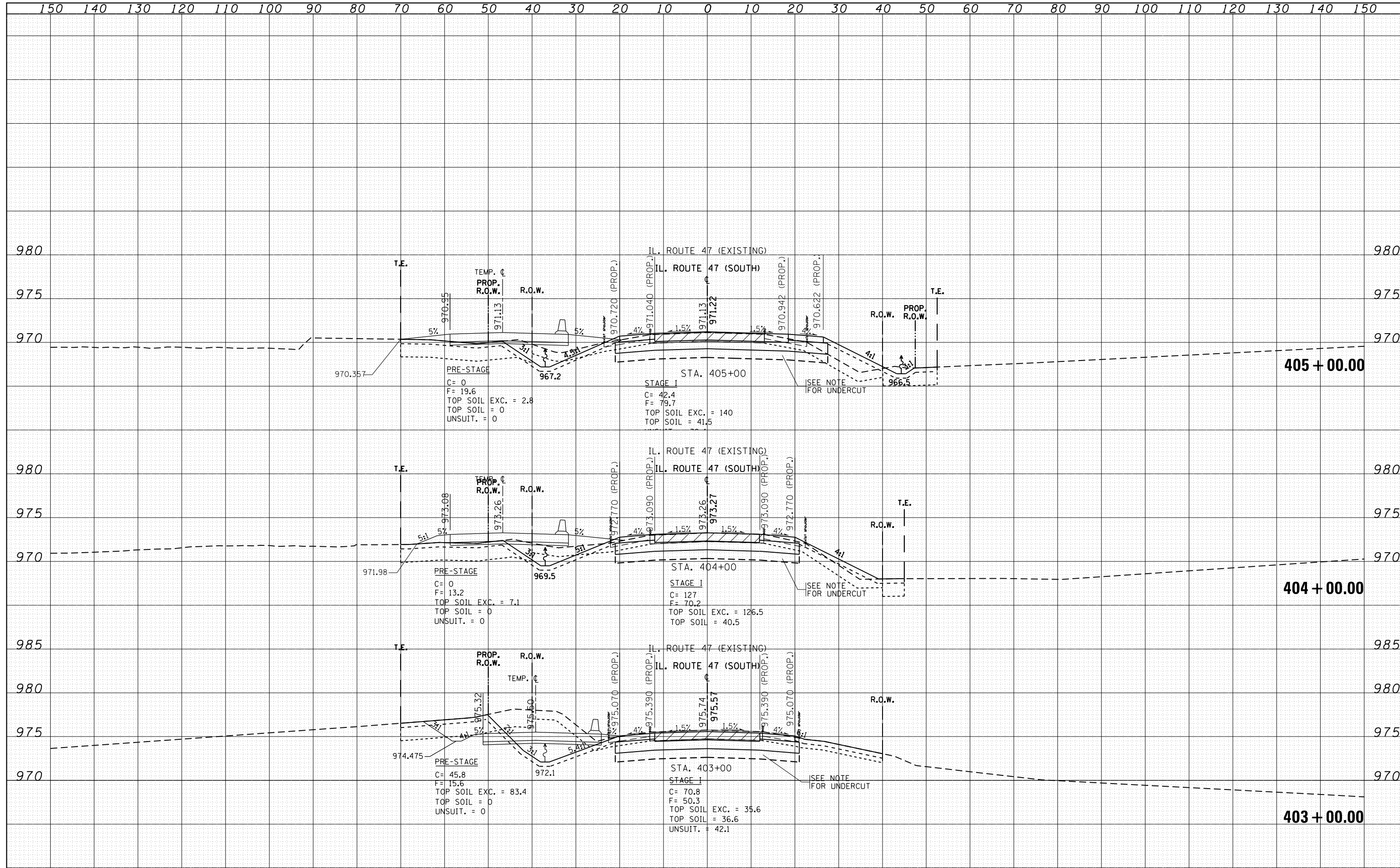
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FILE NAME =	USER NAME = obebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL. ROUTE 47 (SOUTH LEG)			F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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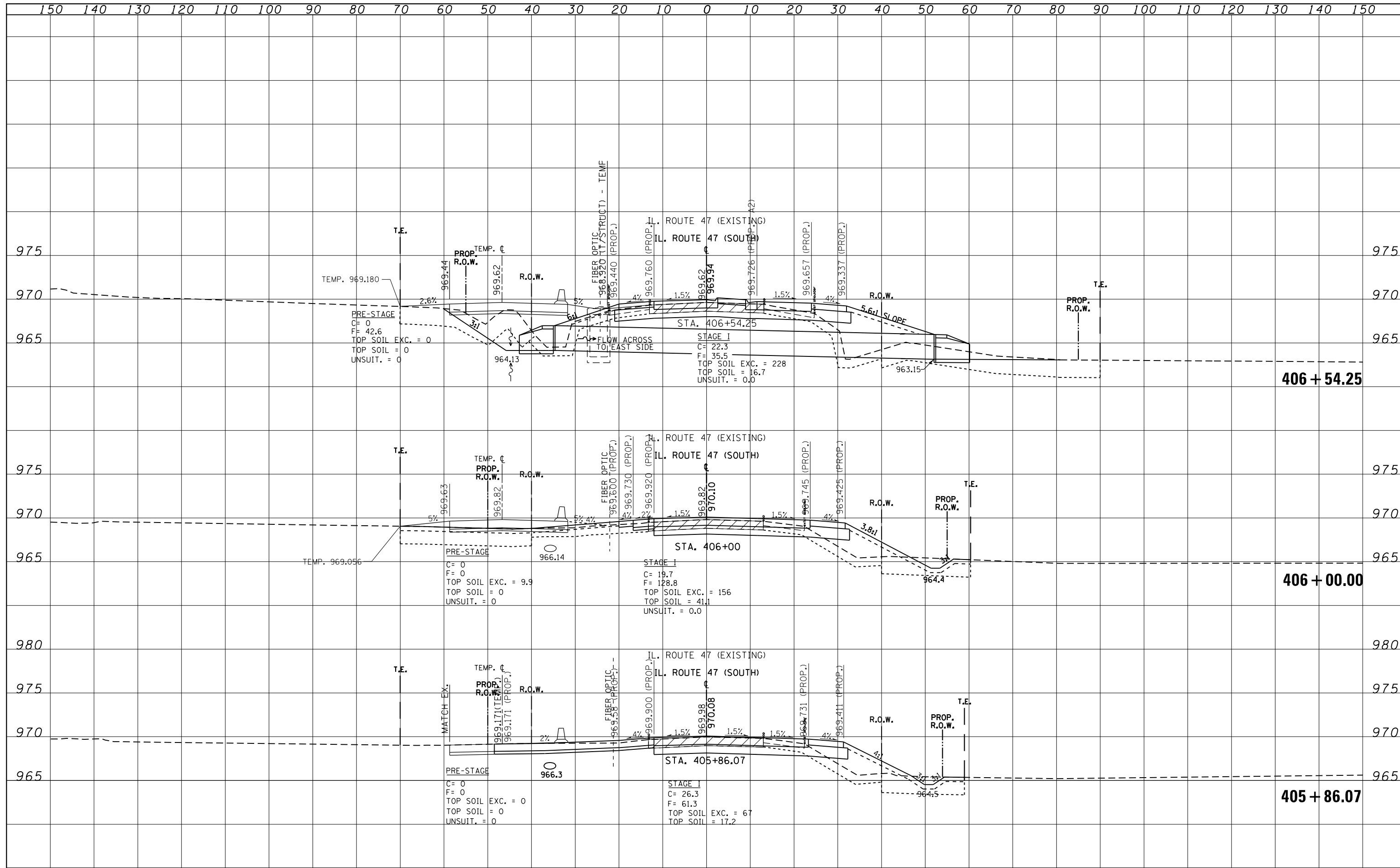
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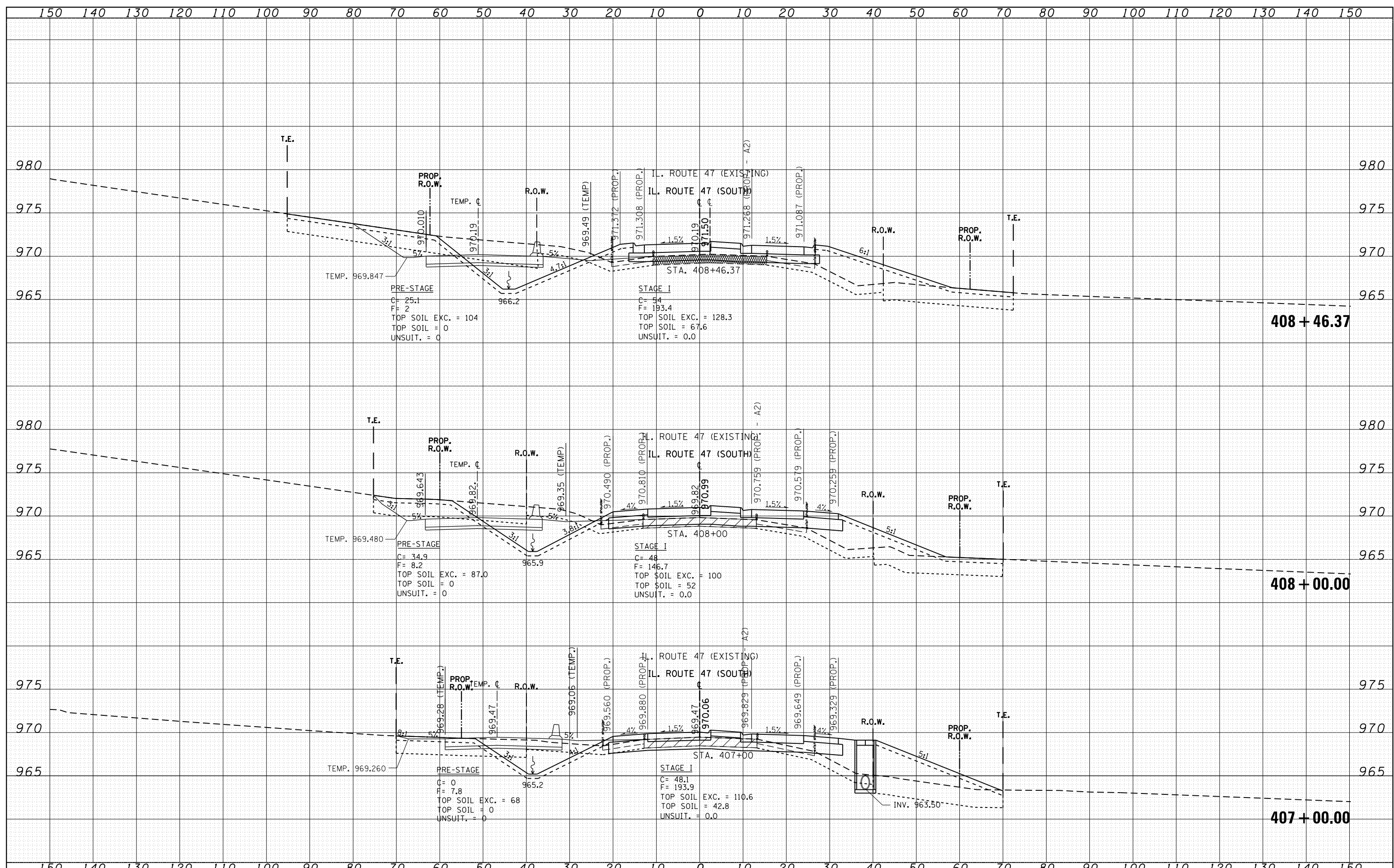
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FILE NAME =	USER NAME = obebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL. ROUTE 47 (SOUTH LEG)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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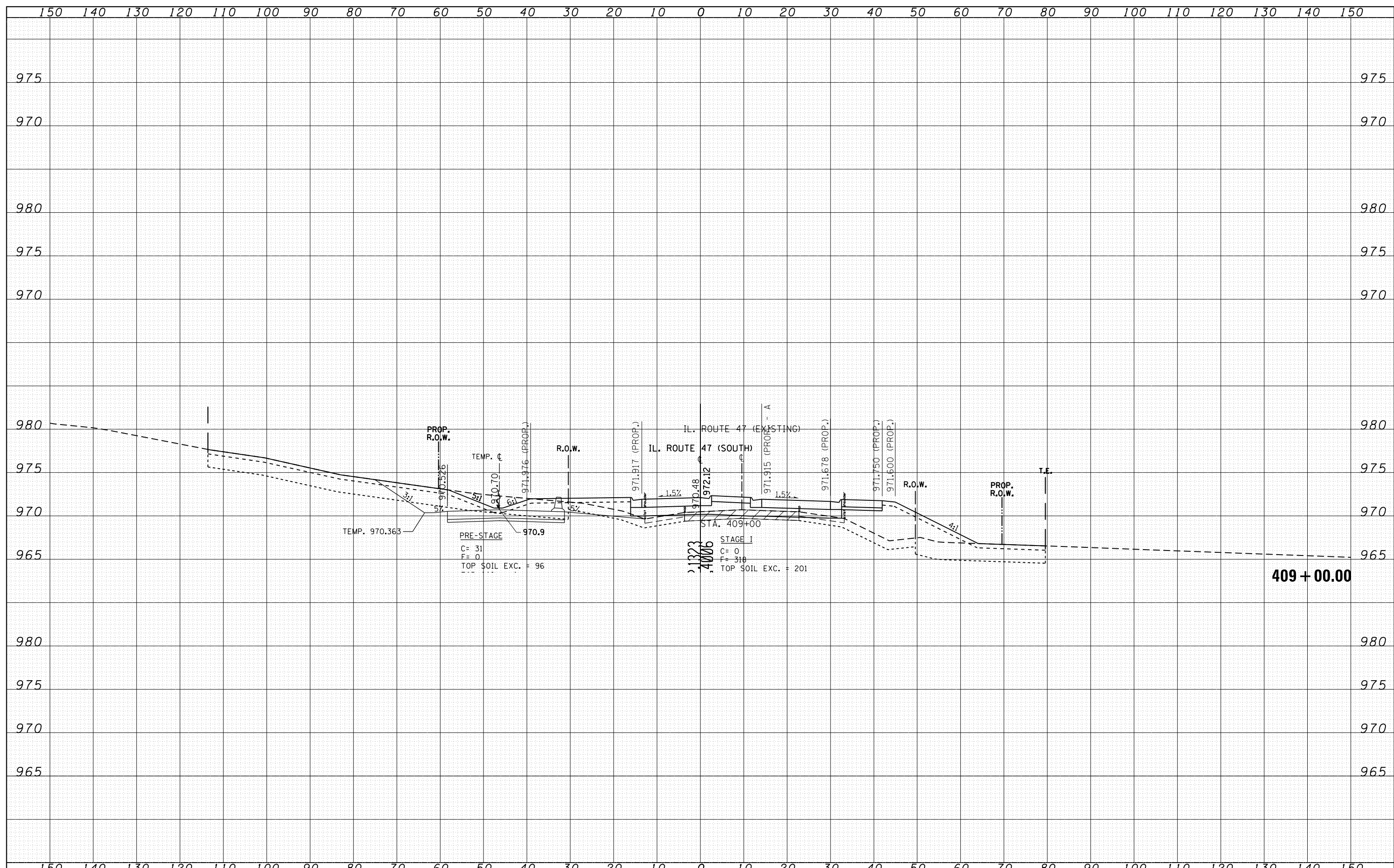
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		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 407+00.00 TO STA. 408+46.37			CONTRACT NO. 62F16				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
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NOTE BOOK	PLOTTED
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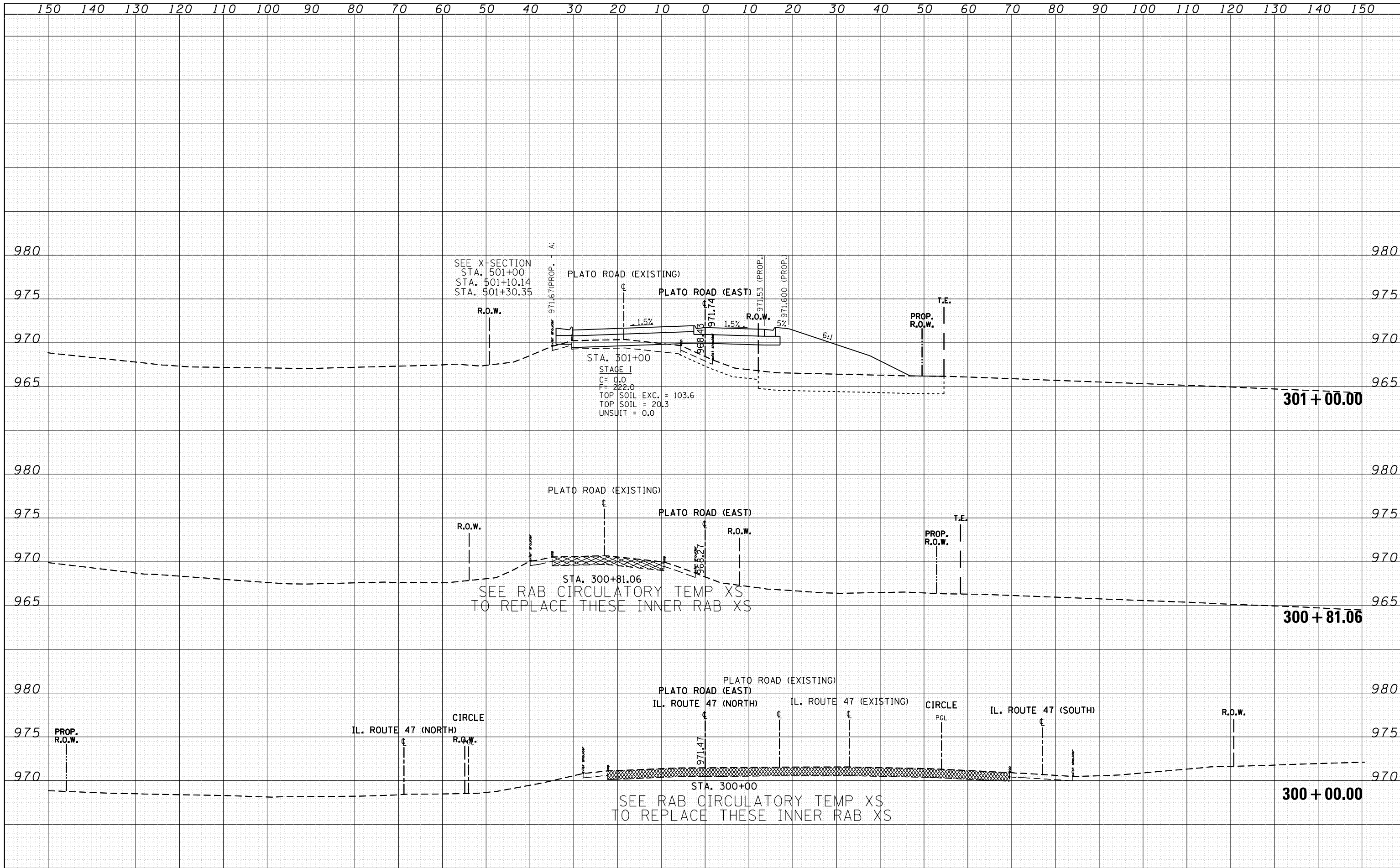
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NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL. ROUTE 47 (SOUTH LEG)				F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 96
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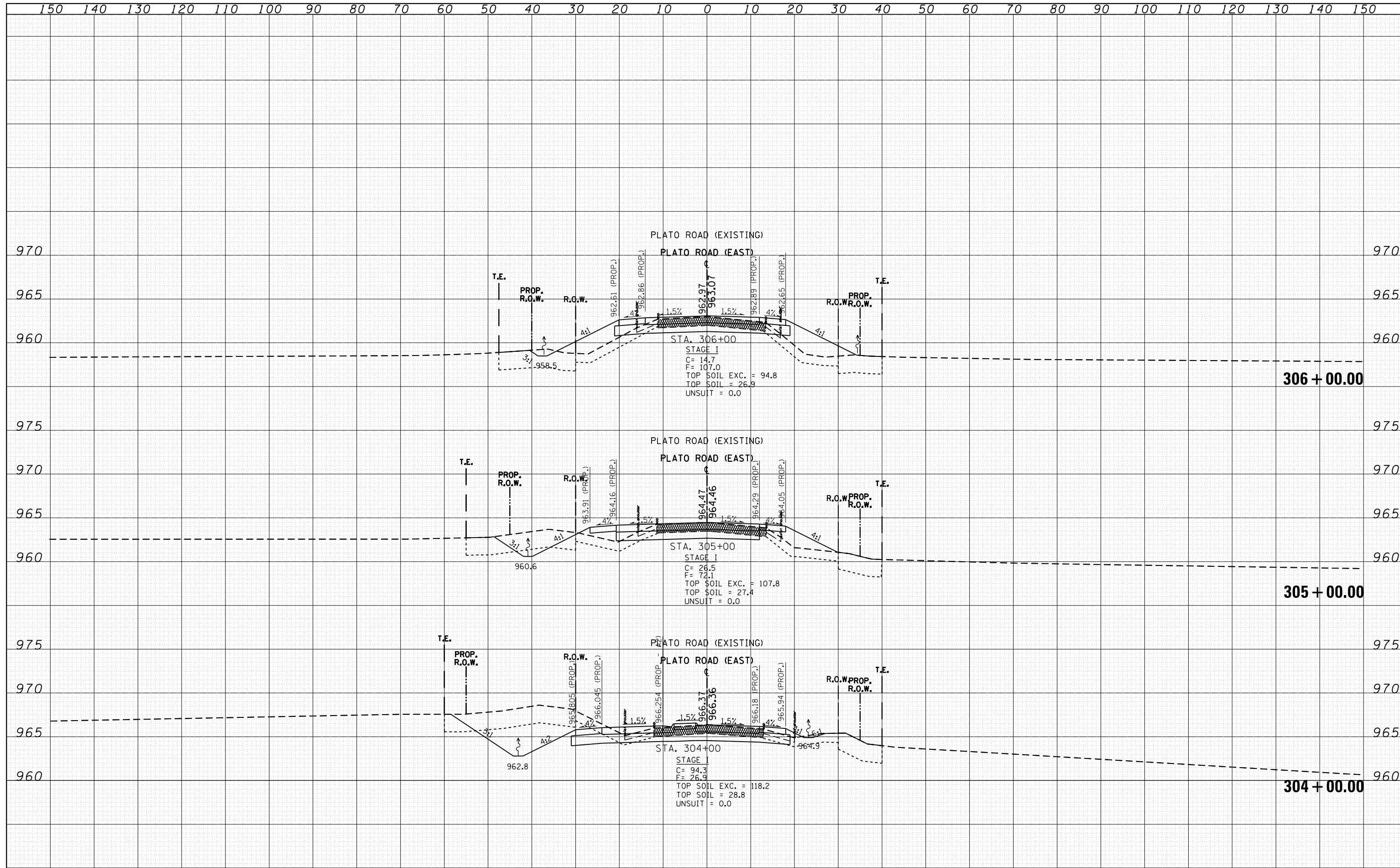
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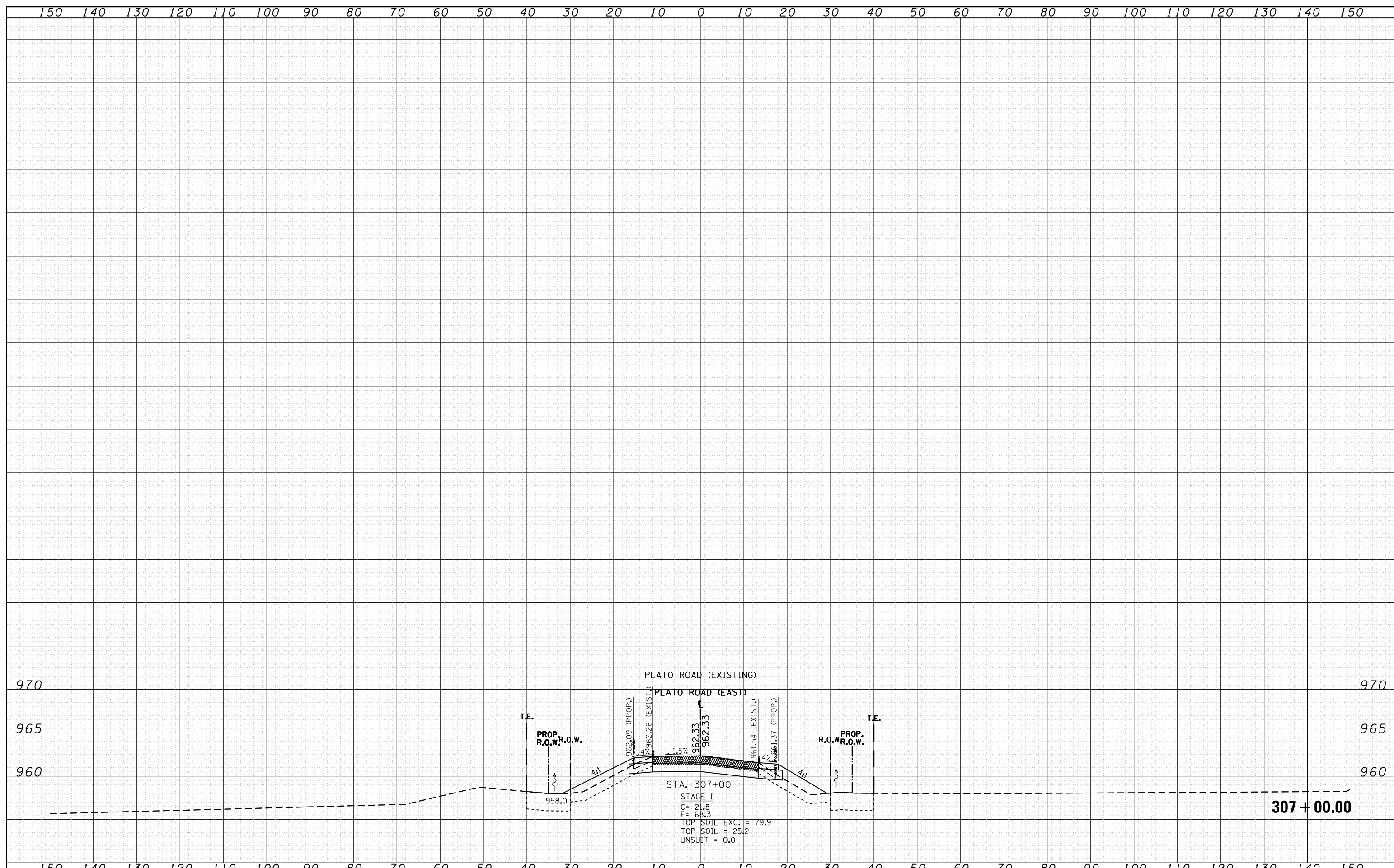
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FILE NAME =	USER NAME = abebaw	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS PLATO ROAD (EAST LEG)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT DATE = 8/17/2018	DATE -	REVISOR -					326	106X-R-4	KANE	107	99	
					SCALE:	SHEET	OF	SHEETS	STA. 304+00.00	TO STA. 306+00.00	CONTRACT NO. 62F16		
											ILLINOIS FED. AID PROJECT		

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NOTE BOOK	PLOTTED
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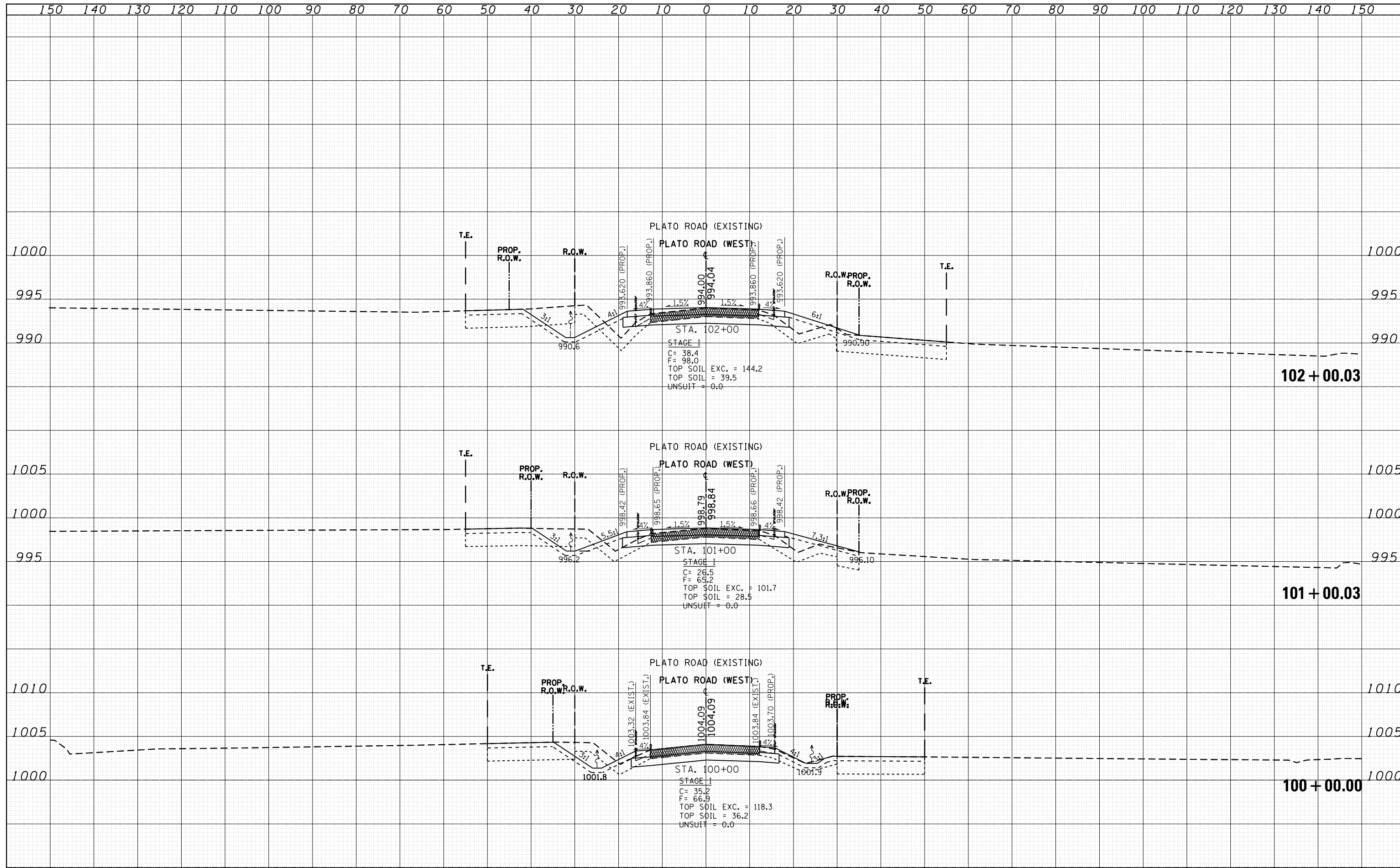
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NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS PLATO ROAD (EAST LEG)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 8/17/2018				SCALE:	SHEET	OF	SHEETS	STA. 307+00.00	TO	STA. 307+00.00	ILLINOIS FED. AID PROJECT	

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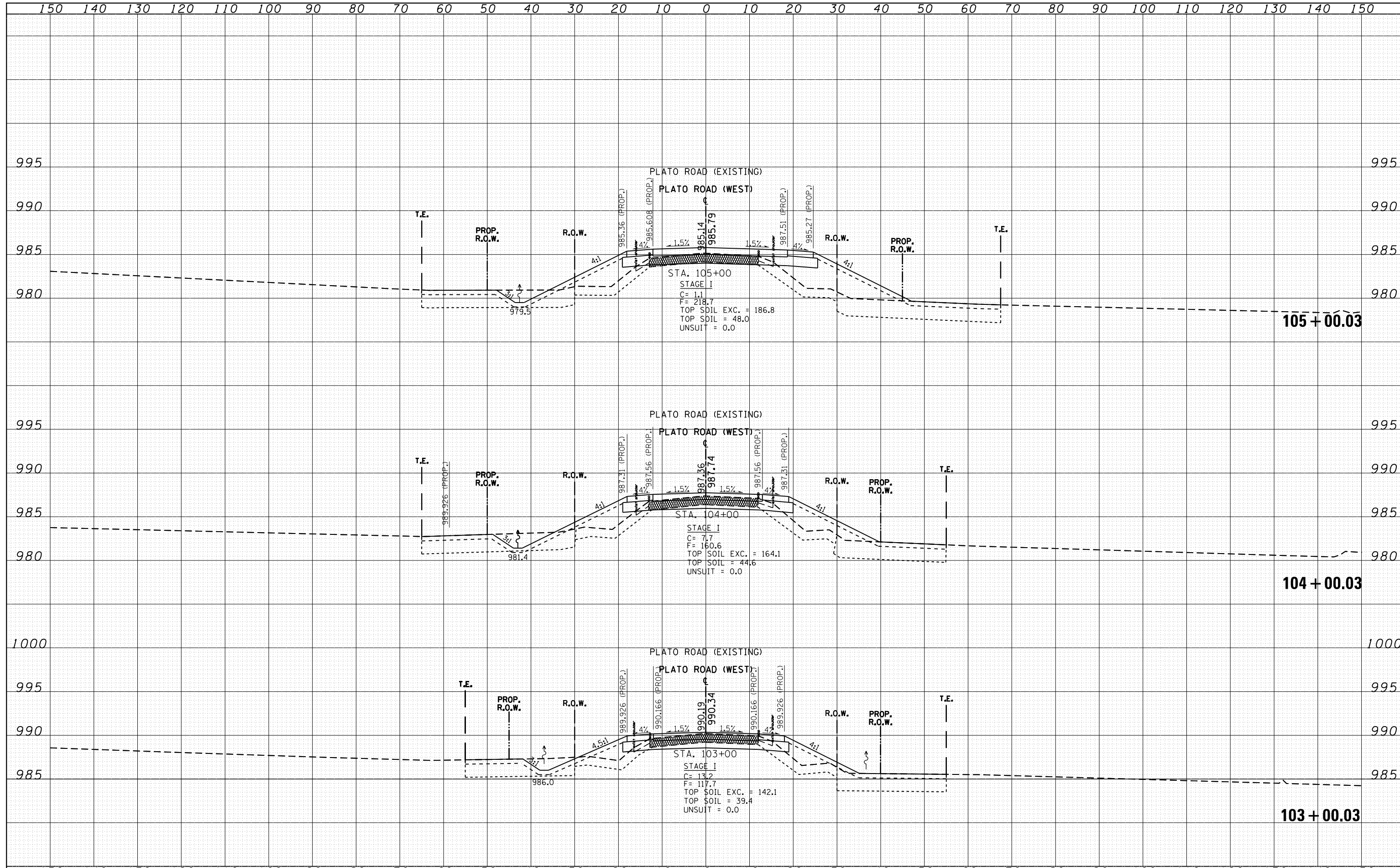
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FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS PLATO ROAD (WEST LEG)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	DOT Offices\District 1\Projects\PI44809\CAD\Drawings\PI44809-shsht-Plato-B.dgn	CHECKED -	REVISED -			326	106X-R-4	KANE	107	101
	PLOT SCALE = 20.0343 / in.	DATE -	REVISED -			CONTRACT NO. 62F16				
	PLOT DATE = 8/17/2018					SCALE:	SHEET OF SHEETS STA. 100+00.00 TO STA.102+00.03	ILLINOIS FED. AID PROJECT		

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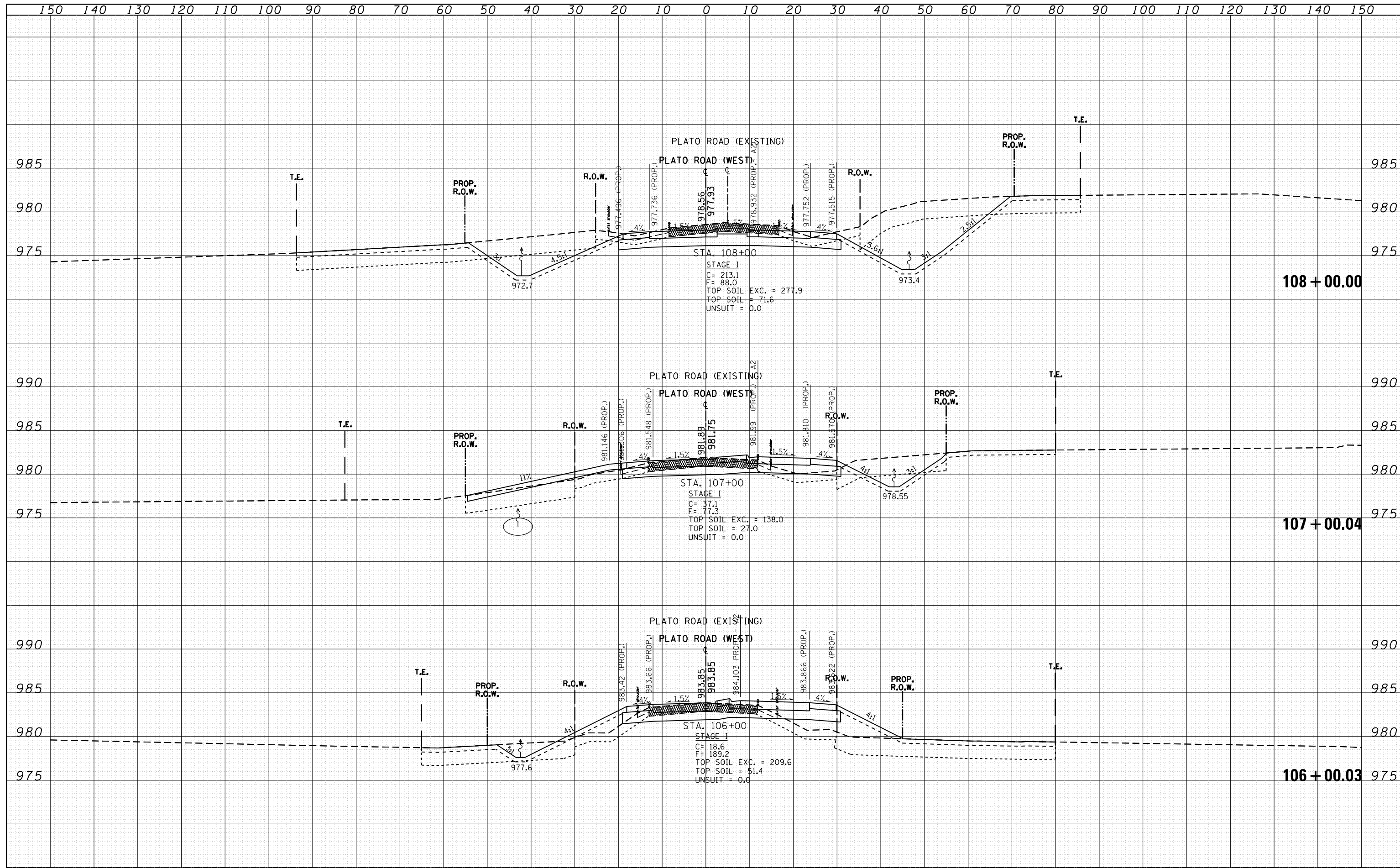
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FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS PLATO ROAD (WEST LEG)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	DOT Offices\District 1\Projects\PI44809\CAD\Drawings\PI44809-sht-xsht-Plato-B.dgn	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	326	106X-R-4	KANE	107	102
	PLOT SCALE = 20.0383' / in.	DATE -	REVISED -		STA. 103+00.03	TO STA. 105+00.03		CONTRACT NO. 62F16					
	PLOT DATE = 8/17/2018		REVISED -		ILLINOIS FED. AID PROJECT								

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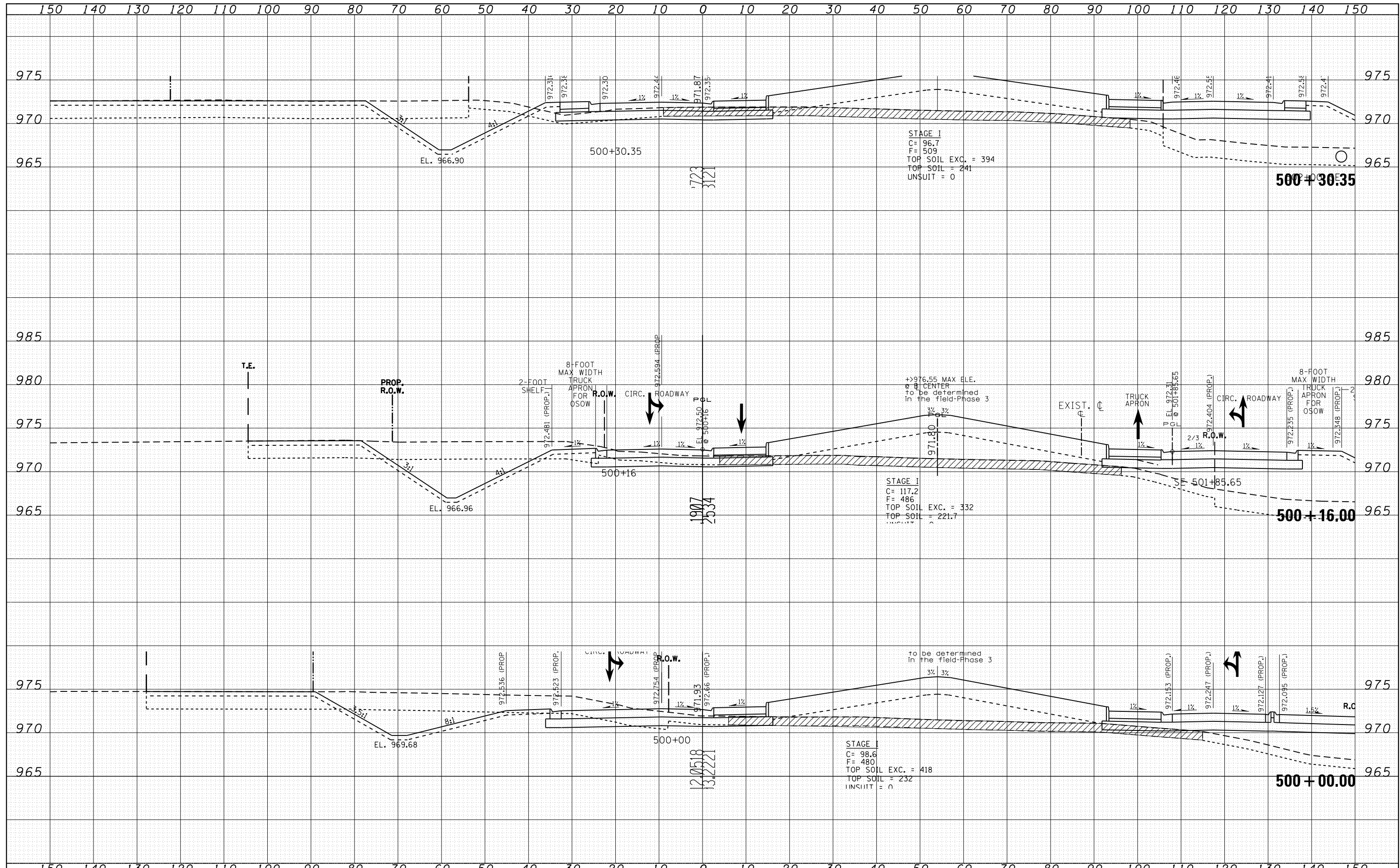
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FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS PLATO ROAD (WEST LEG)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 20.0388' / in.	CHECKED -	REVISID -	REVISID -			CONTRACT NO. 62F16		ILLINOIS FED. AID PROJECT		
Default	DATE -	REVISID -	REVISID -			SCALE:	SHEET	OF	SHEETS	STA. 106+00.03 TO STA. 108+00.00

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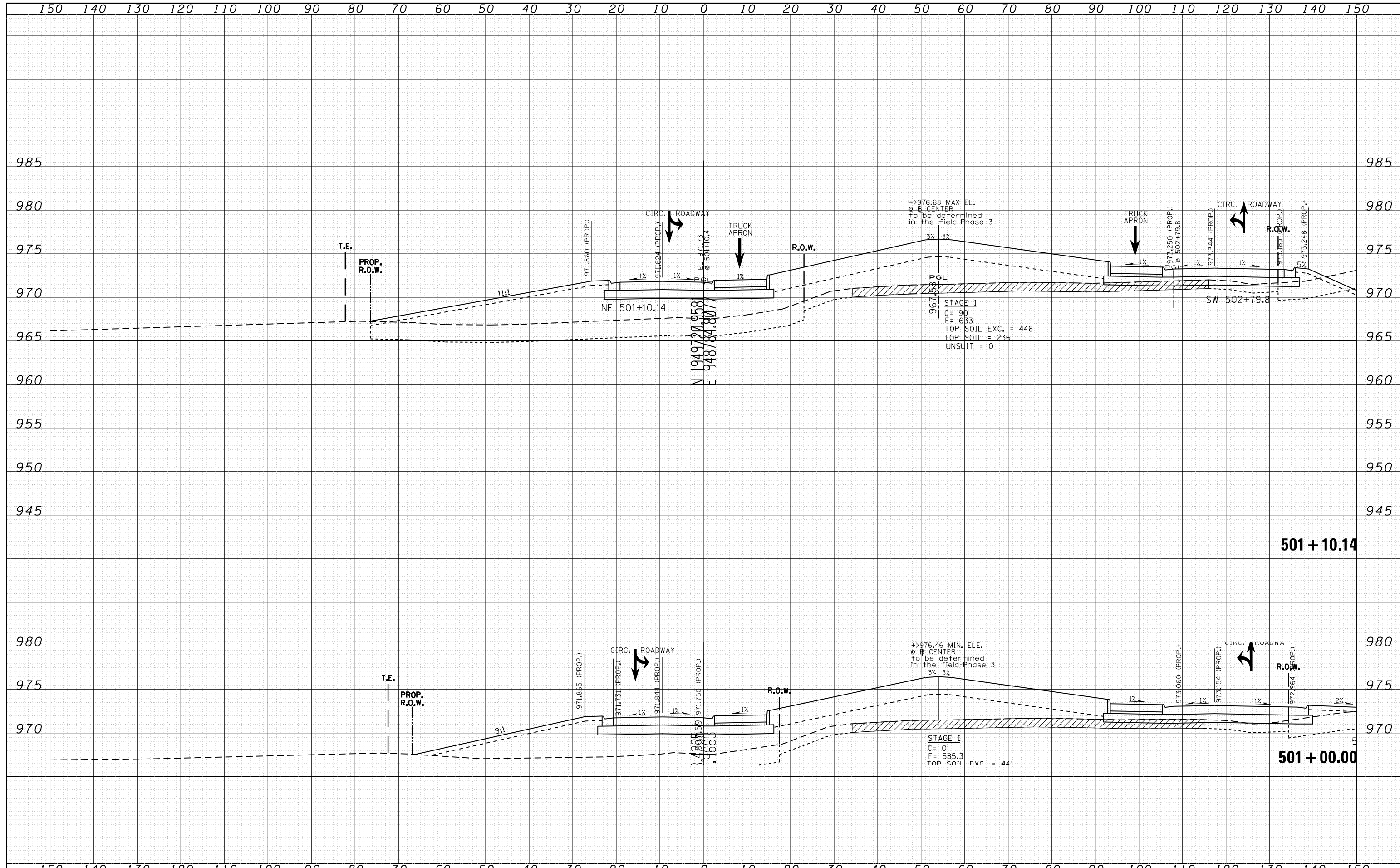
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FILE NAME =	USER NAME = obebawa	DESIGNED -	REVISOR -	SCALE: 1" = 20.0228' / in.	DATE = 8/17/2018	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL. ROUTE 47 AT PLATO RD. - CIRCLE		F.A.P. RTE. 326	SECTION 106X-R-4	COUNTY KANE	TOTAL SHEETS 107	SHEET NO. 105	CONTRACT NO. 62F16	ILLINOIS FED. AID PROJECT
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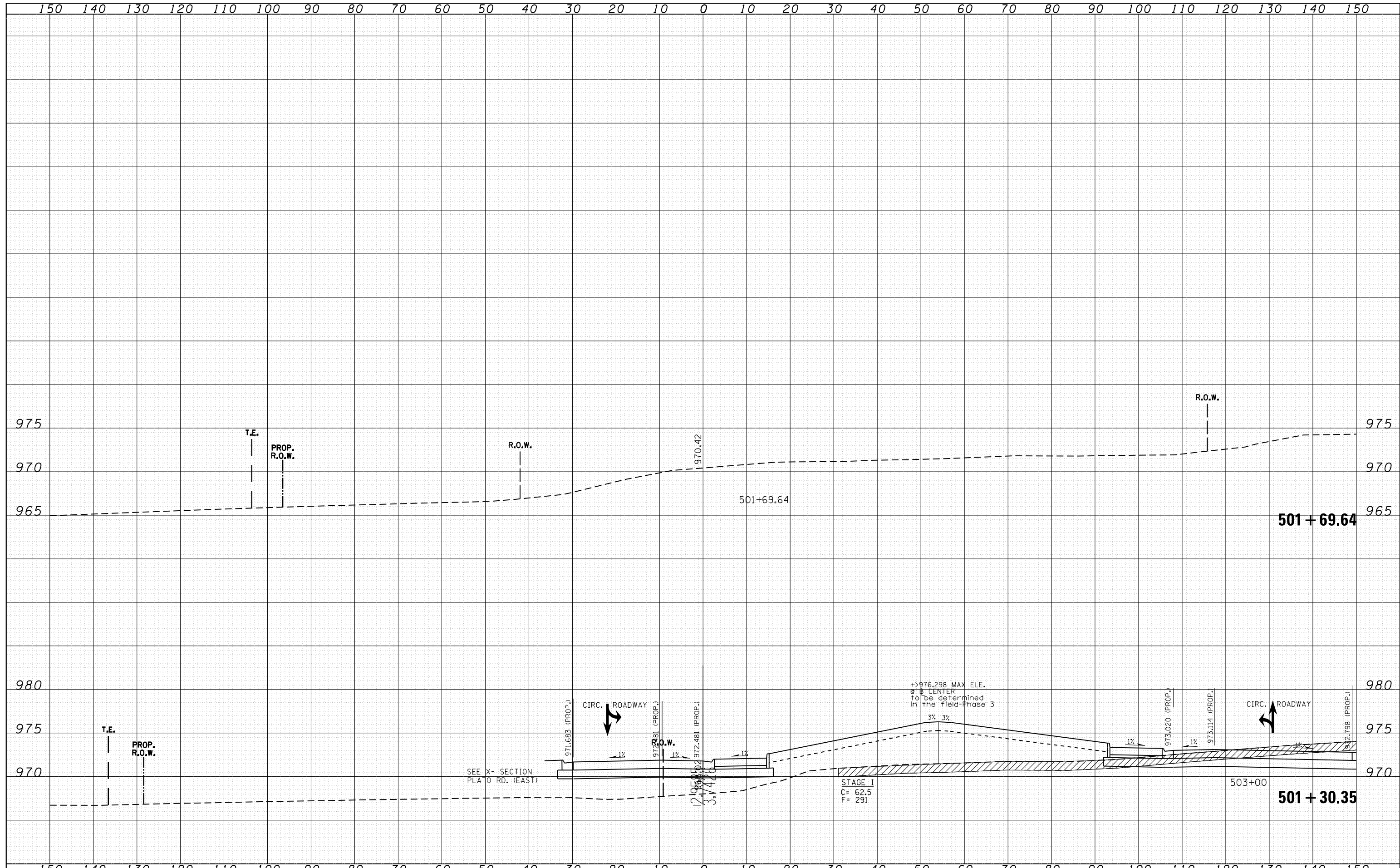
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FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISIED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">CROSS SECTIONS IL. ROUTE 47 AT PLATO RD. - CIRCLE</p> <p>SCALE: SHEET OF SHEETS STA. 501+00.00 TO STA. 501+10.14</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISIED -		326	106X-R-4	KANE	107	106
		DATE -	REVISIED -		CONTRACT NO. 62F16				
					ILLINOIS FED. AID PROJECT				

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FILE NAME =	USER NAME = abebaw	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL. ROUTE 47 AT PLATO RD. - CIRCLE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 8/17/2018							ILLINOIS FED. AID PROJECT				