

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	1
ILLINOIS			CONTRACT NO. 62B60	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

F.A.P. 349, U.S. ROUTE 30 (LINCOLN HWY.)
AT 119TH ST.
SECTION 15N-6
PROJECT: HSIP-0349 (020)
RESURFACING, TRAFFIC SIGNAL INSTALLATION
AND CHANNELIZATION
WILL COUNTY

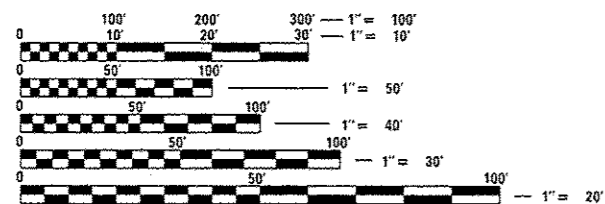
C-91-071-16

PROJECT IS LOCATED IN THE VILLAGE OF PLAINFIELD
IN WILL COUNTY

AVERAGE DAILY TRAFFIC
2015 - U.S. 30 = 16,900
2016 - 119TH ST. (WEST LEG) = 1100
2015 - 119TH ST. (EAST LEG) = 6500

POSTED SPEED LIMIT
U.S. 30 - 55 MPH
119TH ST. (EAST LEG) - 45 MPH

DESIGN DESIGNATION
U.S. 30 - OTHER PRINCIPAL ARTERIAL
119TH ST. (WEST LEG) - LOCAL ROAD
119TH ST. (EAST LEG) - MAJOR COLLECTOR

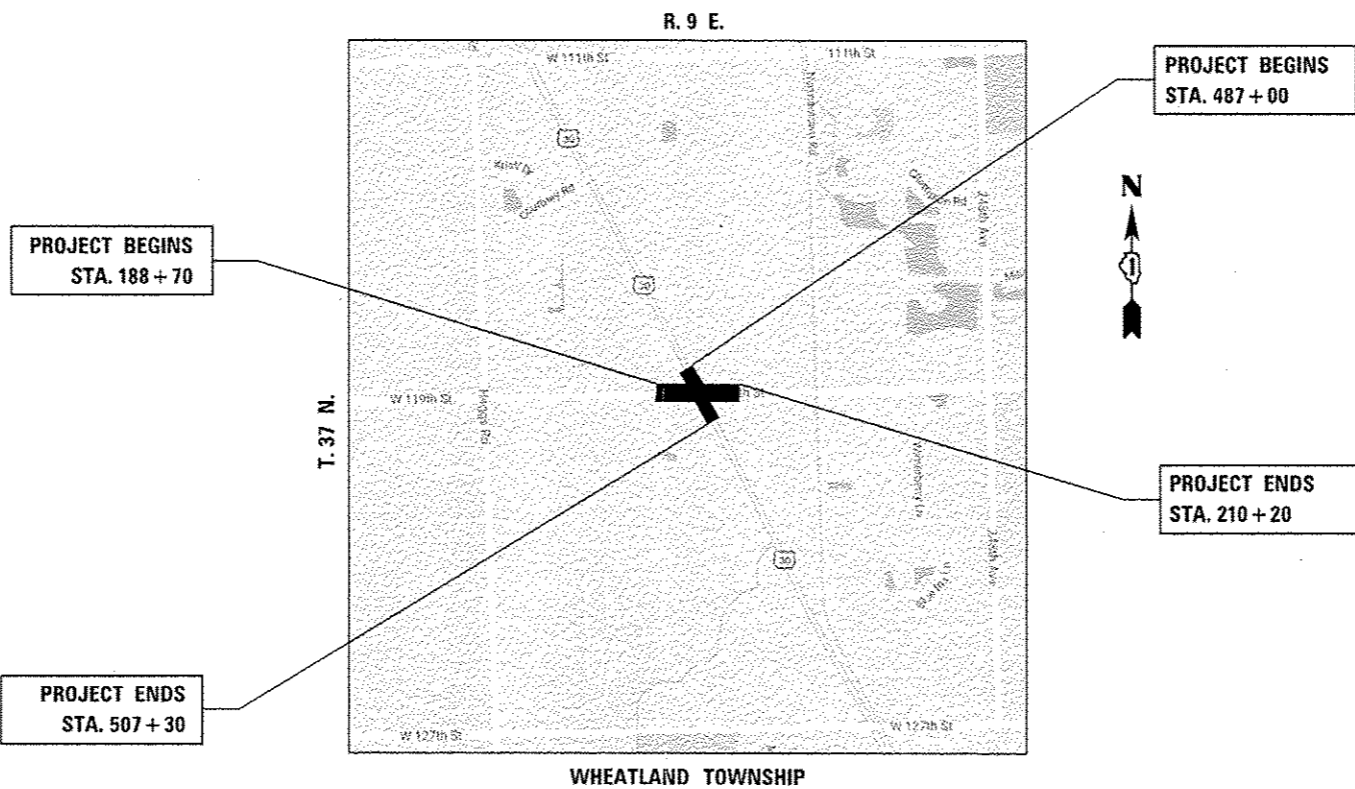


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

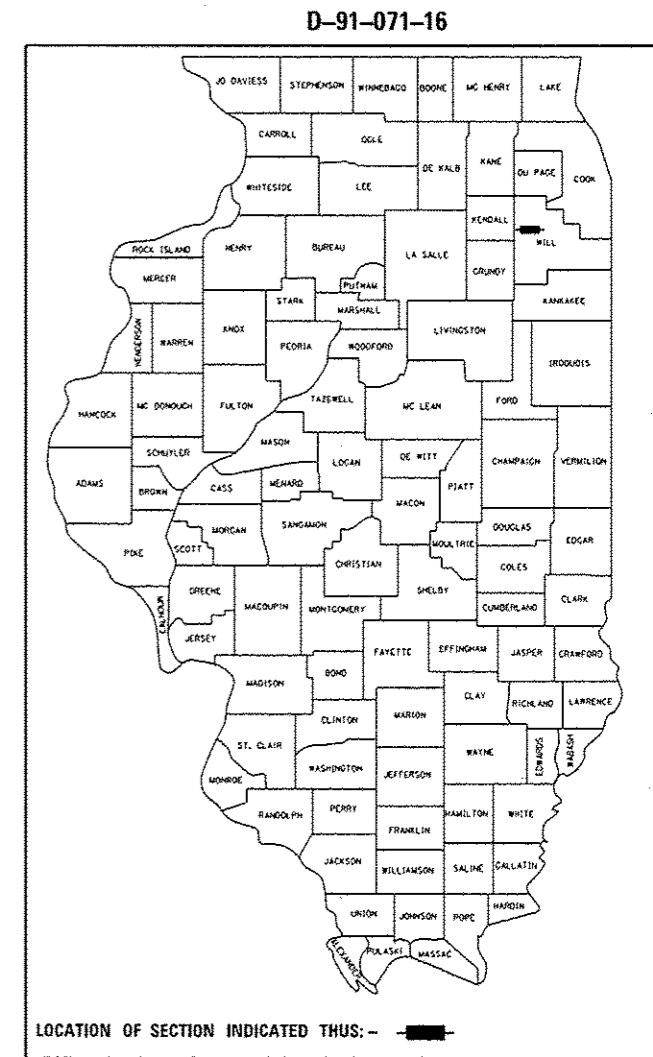
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER JENPAI CHANG 847-705-4432
PROJECT MANAGER FAWAD AQUEEL 847-705-4247

CONTRACT NO. 62B60



GROSS LENGTH = 4,180 FT. = (0.792 MILE)



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 9, 2017
Regional Engineer
Mar 24, 2017
Maween M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
Mar 24, 2017
Director of Program Development

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OF THE STATE OF ILLINOIS

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STD. NO. DESCRIPTION

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BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 72 HOURS IN ADVANCE OF BEGINNING WORK.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.

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.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND WILL COUNTY.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

A CONCRETE APRON SHALL NOT BE REQUIRED FOR NEW UPS INSTALLATIONS ADJACENT TO EXISTING IMPERVIOUS SURFACES THAT SATISFY THE NEED OF CONCRETE APRON, AS DIRECTED BY THE ENGINEER.

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) 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.

LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

DRAINAGE STRUCTURE ADJUSTMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

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

ALL PIPE UNDERDRAINS SHALL BE PLACED AT A DEPTH OF 30" BELOW THE TOP OF PROPOSED PAVEMENT, OR AS DEEP AS POSSIBLE AND IN ACCORDANCE WITH CHECK SHEET #19 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAIN ITEM.

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF CONSTRUCTION.

THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

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

THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847)705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

FILE NAME : p:\11084EB\INTEG\Illinois.gov\PI14\Documents\DOT Offices\District 1\Projects\PI14\Drawings\Design\PI14\B12-sht-cover.dgn	USER NAME : rczkowshir	DESIGNED - RCZKOWSHIR	REVISED - RCZKOWSHIR	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS AND GENERAL NOTES			F.A.P. RTE. 349	SECTION 15N-6	COUNTY WILL	TOTAL SHEETS 98	SHEET NO. 2
PLOT SCALE : 100.0000 / 1 in.	CHECKED - RCZKOWSHIR	REVISED - RCZKOWSHIR	REVISED - RCZKOWSHIR					U.S. RTE. 30 (LINCOLN HWY.) AT 119th ST.			CONTRACT NO. 62B60	
PLOT DATE : 3/21/2017	DATE - 3/21/2017	REVISED - RCZKOWSHIR	REVISED - RCZKOWSHIR		SCALE: NONE	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
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PLAN NOTES (cont.)

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 mm) WHERE THE SPEED LIMIT IS 40 MPH (80 Km/h) OR LESS AND 1 INCH (25 mm) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 Km/h). WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

ACCESS TO ALL COMMERCIAL & PRIVATE ENTRANCES WILL BE MAINTAINED AT ALL TIMES EXCEPT DURING THE SHORT DURATION WHEN CONSTRUCTION ACTIVITIES ARE UNDERWAY AT THIS ENTRANCE.

THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.

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.

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](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)

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 CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR 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 FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.

THE EXACT LOCATION OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATION OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811. IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

IF THIS CONTRACT REQUIRES THE SERVICE OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT ELECTRICAL FACILITIES FROM THE DISTRICT ONE ELECTRICAL MAINTAINANCE CONTRACTOR PRIOR TO THE START OF ANY WORK. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.

THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

PLAN NOTES (cont.)

AGGREGATE SUBGRADE IMPROVEMENT (CU. YD.) HAS BEEN PROVIDED FOR USE AT THE 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 AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04(04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.

PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING THE PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.

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 CONTRACTOR EXPENSE

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

SILT FENCE SHOULD ONLY BE USED AS "PEB" IN AREAS WHERE THE WORK AREA IS HIGHER THAN THE PERIMETER. THE USE OF SILT FENCE AT THE TOP OF THE SLOPE/ELEVATIONS HIGHER THAN THE WORK AREA SHOULD ALWAYS BE AVOIDED. TEMPORARY FENCE SHOULD BE UTILIZED IN THESE LOCATIONS (WHERE THE TOP OF SLOPE/ELEVATION IS HIGHER THAN THE WORK AREA) IN PLACE OF SILT FENCE.

AVOID USING THE "INLET AND PIPE PROTECTION" SHOWN ON THE HIGHWAY STANDARD SHEETS 280001. STRAW BALES AND SILT FENCE SHOULD NOT BE USED AS INLET AND PIPE PROTECTION. INLET AND PIPE PROTECTION SHOULD BE COMPRISED OF DITCH CHECKS, TEMPORARY SEEDING AND TEMPORARY EROSION CONTROL BLANKET AND WILL BE INSTALLED AT ALL STORM SEWER AND CULVERTS. INLET FILTERS, AS SPECIFIED IN ARTICLE 1081.15(H) OF THE STANDARD SPECIFICATIONS (CURRENT EDITION) WILL BE INSTALLED AT ALL INLETS, CATCH BASINS, AND MANHOLES FOR THE DURATION OF CONSTRUCTION. INLET FILTERS WILL BE CLEANED ON A REGULAR BASIS. ENSURE PROPER QUANTITIES OF INLET FILTERS, DITCH CHECKS, TEMPORARY SEEDING AND TEMPORARY EROSION CONTROL BLANKET ARE INCLUDED IN THE CONTRACT.

ALL WORK ASSOCIATED WITH INSTALLATION AND MAINTENANCE OF STABILIZED CONSTRUCTION ENTRANCES, CONCRETE WASHOUTS, AND IN-STEAM WORK ARE INCIDENTAL TO THE CONTRACT AND SHOULD NOT BE PAID FOR SEPARATELY. THE ONLY EXCEPTION IS COFFERDAMS (TYPE 2) SINCE IT NEEDS TO BE SIGNED BY A STRUCTURAL ENGINEER.

THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) AND 5 (MODIFIED) SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.

THE ENGINEER SHALL CONTACT ERIC CAMPOS D1 SW AREA TRAFFIC FIELD ENGINEER, VIA E-MAIL AT ERIC.CAMPOS@ILLINOIS.GOV OR AT (815)-485-6475 A MINIMUM OF TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS

FILE NAME =	USER NAME = roshkowsk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS AND GENERAL NOTES U.S. RTE. 30 (LINCOLN HWY.) AT 119th ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pu\1\1004EBID\INTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI14512\DR\Bids\Design\PI14512-shr-cover.dgn		CHECKED -	REVISED -			349	15N-6	WILL	98	3
Default		DATE -	REVISED -			CONTRACT NO. 62B60				
						ILLINOIS FED. AID PROJECT				
				SCALE: NONE	SHEET OF SHEETS	STA. TO STA.				

REV

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0004 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNAL 90% FED. 5% STATE 5% TOWNSHIP	0021 EVP. V.O. PLAINFIELD 100%			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	422	422					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	182	182					
20101000	TEMPORARY FENCE	FOOT	234	234					
20200100	EARTH EXCAVATION	CU YD	7510	7510					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3630	3630					
20800150	TRENCH BACKFILL	CU YD	198	198					
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	2558	2558					
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	4535	4535					
* 25000210	SEEDING, CLASS 2A	ACRE	0.8	0.8					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	115	115					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	115	115					
* 25000750	MOWING	ACRE	3	3					
* 25100630	EROSION CONTROL BLANKET	SO YD	7807	7807					
25200200	SUPPLEMENTAL WATERING	UNIT	5.0	5.0					
28000305	TEMPORARY DITCH CHECKS	FOOT	129	129					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0004 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNAL 90% FED. 5% STATE 5% TOWNSHIP	0021 EVP. V.O. PLAINFIELD 100%			
28000400	PERIMETER EROSION BARRIER	FOOT	2311	2311					
* 25200110	SODDING, SALT TOLERANT	SQ YD	3500	3500					
28000510	INLET FILTERS	EACH	10	10					
28100105	STONE RIPRAP, CLASS A3	SO YD	210	210					
28100107	STONE RIPRAP, CLASS A4	SO YD	155	155					
28200200	FILTER FABRIC	SO YD	365	365					
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1637	1637					
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	6026	6026					
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	546	546					
31102000	SUBBASE GRANULAR MATERIAL, TYPE C	CU YD	157	157					
35501306	HOT-MIX ASPHALT BASE COURSE, 5 1/2"	SO YD	3148	3148					
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	439	439					
35501313	HOT-MIX ASPHALT BASE COURSE, 7 1/4"	SO YD	2496	2496					
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	28	28					
35501320	HOT-MIX ASPHALT BASE COURSE, 9"	SO YD	395	395					
35600705	HOT-MIX ASPHALT BASE COURSE WIDENING, 7 1/4"	SO YD	195	195					

FILE NAME : \\msvldb\BIB\EG\111013\gov\PI\DOT\Documents\1\DOT\111013\111013.dwg	USER NAME : rdtowstr	DESIGNED -	REVISED -
	OFFICIALS: [Signature]	CHECKED -	REVISED -
	PLOT SCALE = 100,000' / 1"	DATE -	REVISED -
	PLOT DATE = 2/15/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES		SCALE:		SHEET NO. OF SHEETS		STA. TO STA.	
U.S. RTE. 30 AT 119th ST.							

F.A.P. RTE. 349	SECTION 15N-6	COUNTY WILL	TOTAL SHEETS 98	SHEET NO. 4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 62B60				

* SPECIALTY ITEM

Rev

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNAL 90% FED. 5% STATE 5% TOWNSHIP	0021 EVP. V.O. PLAINFIELD 100%		
35600712	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	SO YD	392	392				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8905	8905				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	18	18				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	544	544				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	382	382				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	719	719				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	85	85				
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	1293	1293				
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	6912	6912				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	864	864				
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SO YD	80	80				
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SO YD	110	110				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNAL 90% FED. 5% STATE 5% TOWNSHIP	0021 EVP. V.O. PLAINFIELD 100%		
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SO YD	110	110				
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	80	80				
44201847	CLASS D PATCHES, TYPE I, 17 INCH	SO YD	90	90				
44201851	CLASS D PATCHES, TYPE II, 17 INCH	SO YD	100	100				
44201855	CLASS D PATCHES, TYPE III, 17 INCH	SO YD	100	100				
44201857	CLASS D PATCHES, TYPE IV, 17 INCH	SO YD	70	70				
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SO YD	242	242				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	992	992				
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1				
50105220	PIPE CULVERT REMOVAL	FOOT	548	548				
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	13	13				
54260311	TRAVERSABLE PIPE GRATE	FOOT	26	26				
54261418	CONCRETE END SECTION, STANDARD 542001, 18", 1:4	EACH	4	4				
54261424	CONCRETE END SECTION, STANDARD 542001, 24", 1:4	EACH	1	1				

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FILE NAME =	USER NAME = rsklwrstr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES U.S. RTE. 30 AT 119th ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Office/Dir/Div/Proj/Spec/Plan/Sheet/Contract/Design/Phase/Drawn/Sign	CHECKED -	REVISED -	349					15N-6	WILL	98	5	
PLOT SCALE = 1000000' = 1" = 10'	DATE -	REVISED -	CONTRACT NO. 62B60									
PLOT DATE = 2/15/2017			SCALE:					SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT

URBAN

URBAN

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNAL 90% FED. 5% STATE 5% TOWNSHIP	0021 E.V.P. V.O. PLAINFIELD 100%			
54261430	CONCRETE END SECTION, STANDARD 542001, 30", 1:4	EACH	1	1					
54263430	CONCRETE END SECTION, STANDARD 542011, 30", 1:4	EACH	1	1					
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	218	218					
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	98	98					
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	52	52					
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	160	160					
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	37	37					
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	290	290					
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	137	137					
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	331	331					
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	179	179					
550A5100	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 30"	FOOT	804	804					
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	10	10					
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	130	130					

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNAL 90% FED. 5% STATE 5% TOWNSHIP	0021 E.V.P. V.O. PLAINFIELD 100%			
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	4108	4108					
60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	5	5					
60206600	CATCH BASINS, TYPE B, TYPE 7 GRATE	EACH	1	1					
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6	6					
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2	2					
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	273	273					
66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1					
66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
67100100	MOBILIZATION	LSUM	1	1					
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	2					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2372	2372					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	791	791					

FILE NAME:
 USER NAME: r...
 PLOT SCALE: 1/8" = 100'-0"
 PLOT DATE: 2/15/2007

DESIGNED:
 REVISIONS:
 CHECKED:
 DATE:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 U.S. RTE. 30 AT 119th ST.
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 349 15N-6 WILL 98 6
 CONTRACT NO. 62B60
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

* Specialty Item

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNAL 90% FED. 5% STATE 5% TOWNSHIP	0021 EVP. V.O. PLAINFIELD 100%		
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	194	194				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	20686	20686				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	184	184				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	231	231				
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	12601	12601				
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	20686	20686				
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	184	184				
70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	231	231				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1252	1252				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	717	717				
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	9	9				
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4	4				
72000100	SIGN PANEL - TYPE 1	SO FT	79.5	67.5	12			
72000200	SIGN PANEL - TYPE 2	SO FT	30		30			

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNAL 90% FED. 5% STATE 5% TOWNSHIP	0021 EVP. V.O. PLAINFIELD 100%		
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	194	194				
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10645	10645				
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	633	633				
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	126	126				
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	136	136				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	130	130				
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	160	160				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	13	13				
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	784		784			
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	250		250			
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	323		323			

FILE NAME =	USER NAME = rskwskir	DESIGNED -	REVISED -
OR \NLD\B\BID\TECH\Illinois\gov\PI\DOT Documents\NDD\	OR \NLD\Dist\12\NPA\Jed\SPH\52\CADD\5\DWG\PI\45\5\	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
U.S. RTE. 30 AT 119th ST.			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	7
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

* Specialty Item

URBAN

URBAN

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNAL 90% FED. 5% STATE 5% TOWNSHIP	0021 EVP. V.O. PLAINFIELD 100%			
* 81400200	HEAVY-DUTY HANDHOLE	EACH	8		8				
* 81400300	DOUBLE HANDHOLE	EACH	1		1				
84400405	RELOCATE EXISTING WOOD POLES	EACH	1	1					
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	320			320			
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1075		1075				
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2300		2300				
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1075		1075				
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	275		275				
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1000		1000				
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4		4				
* 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1		1				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNAL 90% FED. 5% STATE 5% TOWNSHIP	0021 EVP. V.O. PLAINFIELD 100%			
* 87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1		1				
* 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1		1				
* 87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1		1				
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	20		20				
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4				
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	23.5		23.5				
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	29		29				
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3		3				
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3		3				
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5		5				
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5		5				

FILE NAME : ...

USER NAME : rostrawestlr
 PLOT SCALE : 1000000 : 1 in.
 PLOT DATE : 2/15/2017

DESIGNED -
 REVISIONS -
 CHECKED -
 DATE -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 U.S. RTE. 30 AT 119th ST.
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	8
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 62B60				

* Specialty Item

URBAN

URBAN

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNAL 90% FED. 5% STATE 5% TOWNSHIP	0021 EVP. V.O. PLAINFIELD 100%		
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8		8			
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	4		4			
* 88600100	DETECTOR LOOP, TYPE 1	FOOT	260		260			
* 88700200	LIGHT DETECTOR	EACH	2			2		
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1			1		
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	320			320		
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SO FT	100	100				
* X1400107	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1		1			
* X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1		1			
X1400201	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	2		2			
* X2501000	SEEDING, CLASS 4 (MODIFIED)	ACRE	0.8	0.8				
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1				
* X2501820	SEEDING, CLASS 5 (MODIFIED)	ACRE	0.8	0.8				
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	2000	2000				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNAL 90% FED. 5% STATE 5% TOWNSHIP	0021 EVP. V.O. PLAINFIELD 100%		
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	472	472				
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1			
* X1400223	WARNING SIREN TO BE RELOCATED	L SUM	1	1				
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1				
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4				
Z0062456	TEMPORARY PAVEMENT	SO YD	546	546				
* AZ006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3				
* B2001616	TREE, CRATAEGUS CRUSGALLI INERMIS (THORNLESS COCKSPUR HAWTHORNE) 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3				
* K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	2.28	2.28				
* K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	5	5				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. RTE. 30 AT 119th ST.

F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	9
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT CONTRACT NO. 62860				

SCALE: SHEET NO. OF SHEETS STA. TO STA.

* Specialty Item

REV

LOCATION		EARTH EXCAVATION	SUITABLE EARTH EXCAVATION	SUITABLE EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	FILL	EARTHWORK BALANCE	TOPSOIL EXCAVATION	TOPSOIL FILL	TOPSOIL BALANCE
						WASTE (+) SHORTAGE (-)	STRIP DEPTH = 9"	DEPTH = 6"	WASTE (+) SHORTAGE (-)
FROM STATION	TO STATION	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
US 30									
487+24	488+00	40	40	34	12	22	48	51	-3
488+00	489+00	56	56	48	65	-17	106	112	-6
489+00	489+50	4	4	3	39	-36	41	44	-3
489+50	490+00	6	6	5	19	-14	39	42	-3
490+00	491+00	12	12	10	35	-25	76	85	-9
491+00	492+00	11	11	9	70	-61	79	86	-7
492+00	493+00	10	10	9	109	-100	83	83	0
493+00	493+15	2	2	2	26	-24	20	17	3
493+15	494+00	15	14	12	133	-121	116	96	20
494+00	495+00	33	33	28	66	-38	108	102	6
495+00	495+56	16	16	14	12	2	53	52	1
495+56	495+80	2	2	2	1	1	7	7	0
495+80	496+00	15	15	13	2	11	12	11	1
496+00	496+14	20	20	17	3	14	17	15	2
496+14	497+00	143	143	122	18	104	114	97	17
497+00	497+53	137	137	116	10	106	89	71	18
497+53	498+00	194	194	165	6	159	105	80	25
498+00	499+00	463	463	394	9	385	283	209	74
499+00	500+00	678	678	576	46	530	575	276	299
500+00	501+00	1676	844	717	96	621	626	309	317
501+00	502+00	821	427	363	86	277	304	198	106
502+00	503+00	91	91	77	125	-48	191	109	82
503+00	504+00	73	48	41	167	-126	188	130	58
504+00	504+35	10	8	7	26	-19	32	25	7
TOTAL		4528	3274	2784	1181	1603	3312	2307	1005

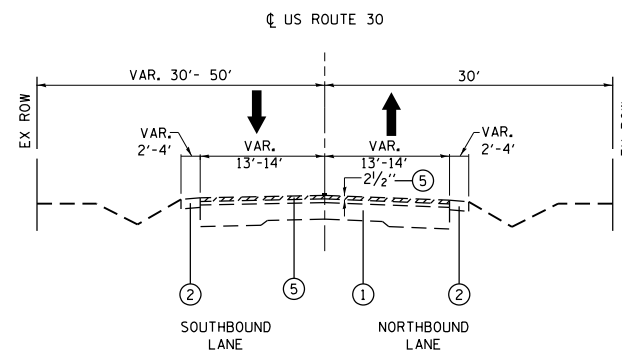
EARTH EXCAVATION SUMMARY		
	EARTHWORK BALANCE (CY)	TOPSOIL BALANCE (CY)
	WASTE (+) SHORTAGE (-)	WASTE (+) SHORTAGE (-)
US30 SUBTOTAL	1603	1005
119TH STREET SUBTOTAL	-1016	2618
TOTAL	587	3623

EARTHWORK NOTES

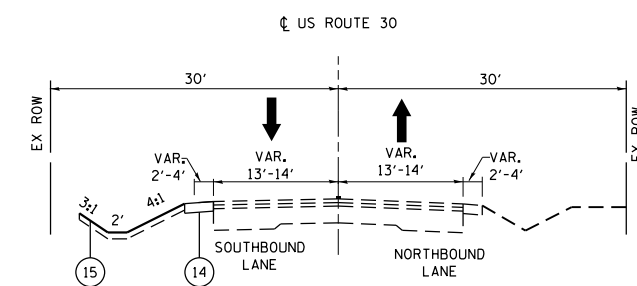
- STATION RANGE
- VOLUME TO BE CUT
- VOLUME TO BE CUT WITH OMISSION DUE TO BEING UNDERCUT OR HAVING AN A(1) CONTAMINATED SITE PER THE PSI REPORT
- VOLUME TO BE USED AS FILL AFTER ADJUSTING 15% FOR SHRINKAGE
- VOLUME TO BE FILLED
- COLUMN (4) MINUS COLUMN (5)
- TOPSOIL STRIPPING VOLUME
- TOPSOIL FILL VOLUME
- COLUMN (7) MINUS COLUMN (8)

LOCATION		EARTH EXCAVATION	SUITABLE EARTH EXCAVATION	SUITABLE EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	FILL	EARTHWORK BALANCE	TOPSOIL EXCAVATION	TOPSOIL FILL	TOPSOIL BALANCE
						WASTE (+) SHORTAGE (-)	STRIP DEPTH = 9"	DEPTH = 6"	WASTE (+) SHORTAGE (-)
FROM STATION	TO STATION	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
119TH STREET									
189+48	190+00	10	10	9	0	9	15	12	3
190+00	190+40	18	18	15	15	0	44	30	14
190+40	191+00	90	54	46	44	2	109	65	44
191+00	192+00	226	126	107	75	32	206	116	90
192+00	192+48	111	58	49	37	12	105	57	48
192+48	193+00	119	58	49	37	12	123	64	59
193+00	194+00	239	104	88	58	30	241	115	126
194+00	194+09	23	9	8	4	4	21	9	12
194+09	195+00	221	69	59	56	3	218	88	130
195+00	195+57	117	28	24	46	-22	142	52	90
195+57	195+88	57	17	14	29	-15	82	30	52
195+88	196+00	18	7	6	12	-6	32	12	20
196+00	196+24	57	13	11	33	-22	69	26	43
196+24	196+82	25	25	21	155	-134	174	68	106
196+82	197+00	6	6	5	72	-67	57	22	35
197+00	197+16	7	7	6	70	-64	54	21	33
197+16	198+00	65	65	55	197	-142	278	111	167
198+00	198+48	52	52	44	42	2	165	67	98
198+48	199+00	248	121	103	70	33	202	83	119
199+00	200+00	US 30	US 30	US 30	US 30	US 30	US 30	US 30	US 30
200+00	201+00	US 30	US 30	US 30	US 30	US 30	US 30	US 30	US 30
201+00	201+47	135	93	79	107	-28	234	89	145
201+47	202+00	147	89	76	97	-21	244	98	146
202+00	202+45	83	35	30	69	-39	185	78	107
202+45	203+00	98	55	47	108	-61	195	87	108
203+00	204+00	136	88	75	231	-156	312	136	176
204+00	204+18	18	18	15	41	-26	51	22	29
204+18	205+00	79	79	67	220	-153	232	102	130
205+00	206+00	115	115	98	199	-101	269	130	139
206+00	206+22	31	19	16	23	-7	57	29	28
206+22	207+00	121	82	70	93	-23	202	105	97
207+00	208+00	171	117	99	147	-48	258	140	118
208+00	208+23	40	40	34	35	-1	59	34	25
208+23	208+50	41	41	35	40	-5	70	41	29
208+50	209+00	49	49	42	55	-13	114	73	41
209+00	209+32	13	13	11	12	-1	35	24	11
TOTAL		2986	1780	1513	2529	-1016	4854	2236	2618

RECOMMENDED UNDERCUT AREAS		
ROADWAY/LOCATION	STATIONING	UNDERCUT DEPTH
US 30 / EAST AND WEST SIDES	500+00 TO 502+00	24"
119TH ST. / NORTH SIDE	190+40 TO 196+50	24"
119TH ST. / NORTH SIDE	198+50 TO 200+00	18"
119TH ST. / NORTH SIDE	200+00 TO 202+00	24"



EXISTING TYPICAL SECTION
US ROUTE 30 (LINCOLN HIGHWAY)
STA. 487+00 TO STA. 507+30



PROPOSED TYPICAL SECTION
US ROUTE 30 (LINCOLN HIGHWAY)
SOUTH LEG
STA 486+50 TO 495+80

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANT. IS 112 LBS/SQ. YD/IN.

AC TYPE NOTE

"THE AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE SBS/SBR PG 76-22", AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS."

FOR USE OF RECYCLED MATERIALS, SEE DISTRICT ONE SPECIAL PROVISION.

QMP NOTE

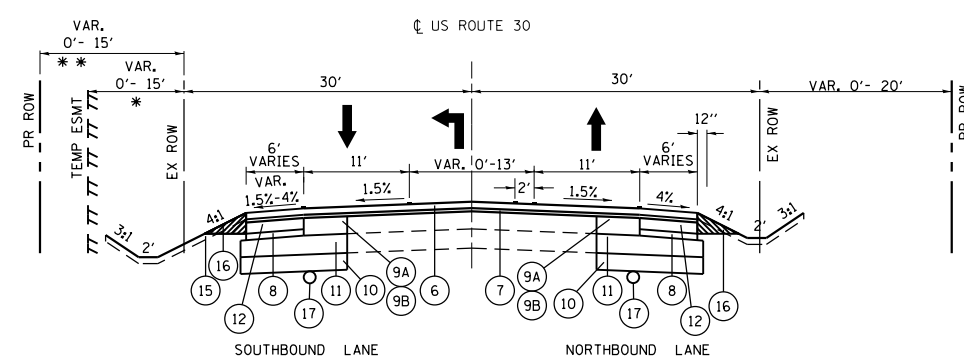
QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

LEGEND

- ① EXISTING HMA, INCLUDING SURFACE COURSE & LEVELING BINDER
- ② EXISTING AGGREGATE SHOULDER
- ③ EXISTING AGGREGATE BASE, 8"
- ④ EXISTING HMA SURFACE REMAINING AFTER MILLING, 1 1/2"
- ⑤ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑥ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
- ⑦ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑧ PROPOSED SUBBASE GRANULAR MATERIAL TYPE "C", 3.5"
- ⑨A PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 "
- ⑨B PROPOSED HMA BASE COURSE WIDENING, 9 "
- * * * ⑩ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT (UNDERCUT)
- ⑪ PROPOSED AGGREGATE SUB GRADE IMPROVEMENT, 12"
- ⑫ PROPOSED HOT-MIX ASPHALT BASE COURSE, 5 1/2"
- ⑬ PROPOSED AGGREGATE SHOULDER, TYPE "B", 8"
- ⑭ PROPOSED AGGREGATE SHOULDER, TYPE "B", 8"
- ⑮ PROPOSED TOPSOIL EXCAVATION AND PLACE, 6" (TYP)
- ⑯ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑰ PROPOSED PIPE UNDERDRAINS TYPE II, 4"

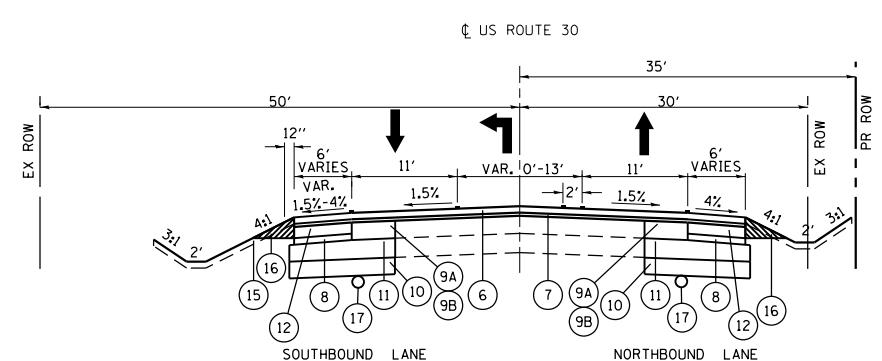
* * * LOCATIONS AND THICKNESS TO BE DETERMINED BY THE ENGINEER

NOTE: THE CONTRACTOR SHALL MILL FIRST, BEFORE PATCHING



PROPOSED TYPICAL SECTION
US ROUTE 30 (LINCOLN HIGHWAY) SOUTH LEG
STA 495+80 TO STA 500+00

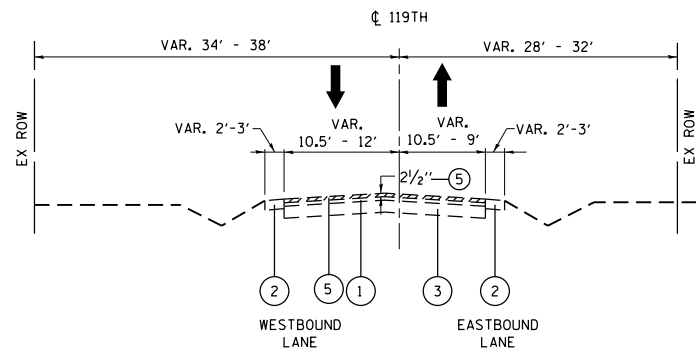
* TEMP. ESMT. FROM STA. 489+00 TO STA. 494+00
 * * PROP. R.O.W. FROM 487+00 TO STA. 489+00



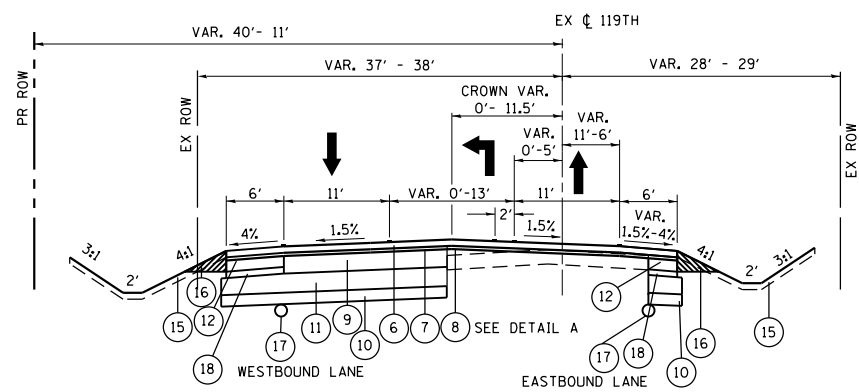
PROPOSED TYPICAL SECTION
US ROUTE 30 (LINCOLN HIGHWAY) NORTH LEG
STA 500+00 TO STA 504+75

HOT MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USES	AIR VOIDS @ N _{DES}	QMP
US 30 - RESURFACING AND WIDENING POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, (IL-9.5mm), 1 3/4" POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4" HMA BASE COURSE WIDENING, 9" (HMA BINDER IL-19.0) (FOR WIDTH <6') HMA BASE COURSE, 9" (HMA BINDER IL-19.0) (FOR WIDTH >6')	4% @ 70 GYR. 3.5% @ 50 GYR. 4% @ 70 GYR. 4% @ 70 GYR.	OCP OC/OA OCP OCP
119th ST. - RESURFACING AND WIDENING POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, (IL-9.5mm), 1 3/4" POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4" HMA BINDER COURSE, IL-19.0, N70 (2 1/4" AND VARIES; GRADE CORRECTION) HMA BASE COURSE WIDENING, 7 1/4" (HMA BINDER IL-19.0) (FOR WIDTH <6') HMA BASE COURSE, 7 1/4" (HMA BINDER IL-19.0) (FOR WIDTH >6')	4% @ 70 GYR. 3.5% @ 50 GYR. 4% @ 70 GYR. 4% @ 70 GYR. 4% @ 70 GYR.	OCP OC/OA OC/OA OCP OCP
HMA SHOULDER POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, (IL-9.5mm), 1 3/4" POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4" HMA BASE COURSE, 5 1/2" (HMA BINDER IL-19.0)	4% @ 70 GYR. 3.5% @ 50 GYR. 4% @ 70 GYR.	OCP OC/OA OCP
DRIVEWAYS HMA SURFACE COURSE, MIX "D", N50, (IL-9.5mm), 2" (HMA P.E., C.E & F.E.) HMA BASE COURSE, 6" (HMA BINDER IL-19.0mm) (HMA P.E.) HMA BASE COURSE, 8" (HMA BINDER IL-19mm) (HMA C.E.)	4% @ 50 GYR. 4% @ 50 GYR. 4% @ 50 GYR.	OC/OA OC/OA OC/OA
CLASS "D" PATCHES, (HMA BINDER IL-19mm)	4% @ 70 GYR.	OC/OA
TEMPORARY PAVEMENT HMA BASE COURSE, 6" (HMA BINDER IL-19.0mm)	4% @ 70 GYR.	OC/OA

QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (OC/OA), QUALITY CONTROL FOR PERFORMANCE (QCP).

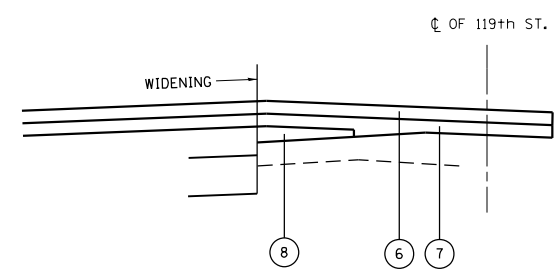


EXISTING TYPICAL SECTION
119TH STREET
STA. 190+00 TO STA. 209+50



PROPOSED TYPICAL SECTION
119TH STREET (WEST LEG)
STA 190+40 TO STA 200+00

• PROPOSED 2' SHOULDER AND TAPER FROM STA. 190+40 TO STA. 194+00 (EB)



(8) PROPOSED HMA BINDER COURSE, IL-19.0, N70, 2 1/4" - 9"

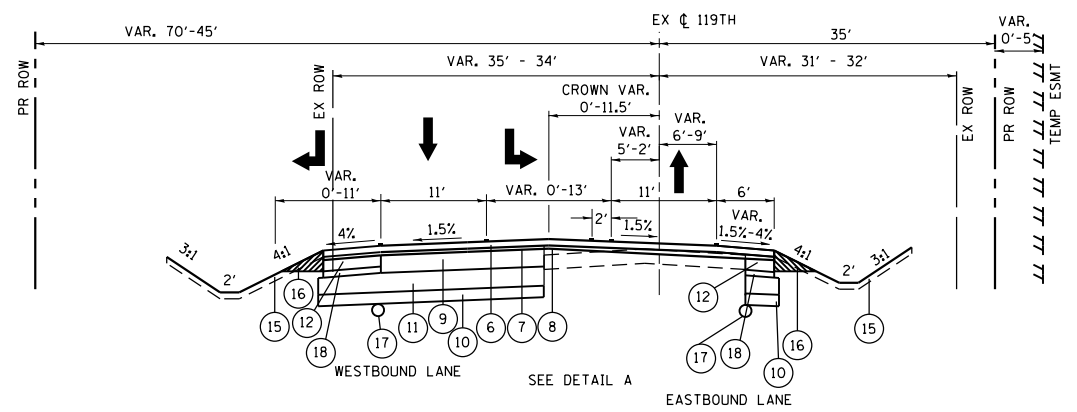
DETAIL A

LEGEND

- (1) EXISTING HMA, INCLUDING SURFACE COURSE & LEVELING BINDER
- (2) EXISTING AGGREGATE SHOULDER
- (3) EXISTING HMA PAVEMENT, 7"-10"
- (5) PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- (6) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
- (7) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (8) PROPOSED HMA BINDER COURSE, IL-19.0, N70, (2 1/4" MIN. AND VARIES)
- (9) PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- *** (10) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT (UNDERCUT)
- (11) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (12) PROPOSED HOT-MIX ASPHALT BASE COURSE, 5 1/2"
- (14) PROPOSED AGGREGATE SHOULDER, TYPE "B", 8"
- (15) PROPOSED TOPSOIL EXCAVATION AND PLACE, 6" (TYP)
- (16) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- (17) PROPOSED PIPE UNDERDRAINS TYPE II, 4"
- (18) PROPOSED SUBBASE GRANULAR MATERIAL TYPE "C", 1 3/4"

*** LOCATIONS AND THICKNESS TO BE DETERMINED BY THE ENGINEER

NOTE: THE CONTRACTOR SHALL MILL FIRST, BEFORE PATCH



PROPOSED TYPICAL SECTION
119TH STREET (EAST LEG)
STA 200+00 TO STA 209+50

FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\PI14512\Design\PI14512-shit-cover.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 2/15/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
U.S. ROUTE 30 AT 119TH ST.

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	12
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				

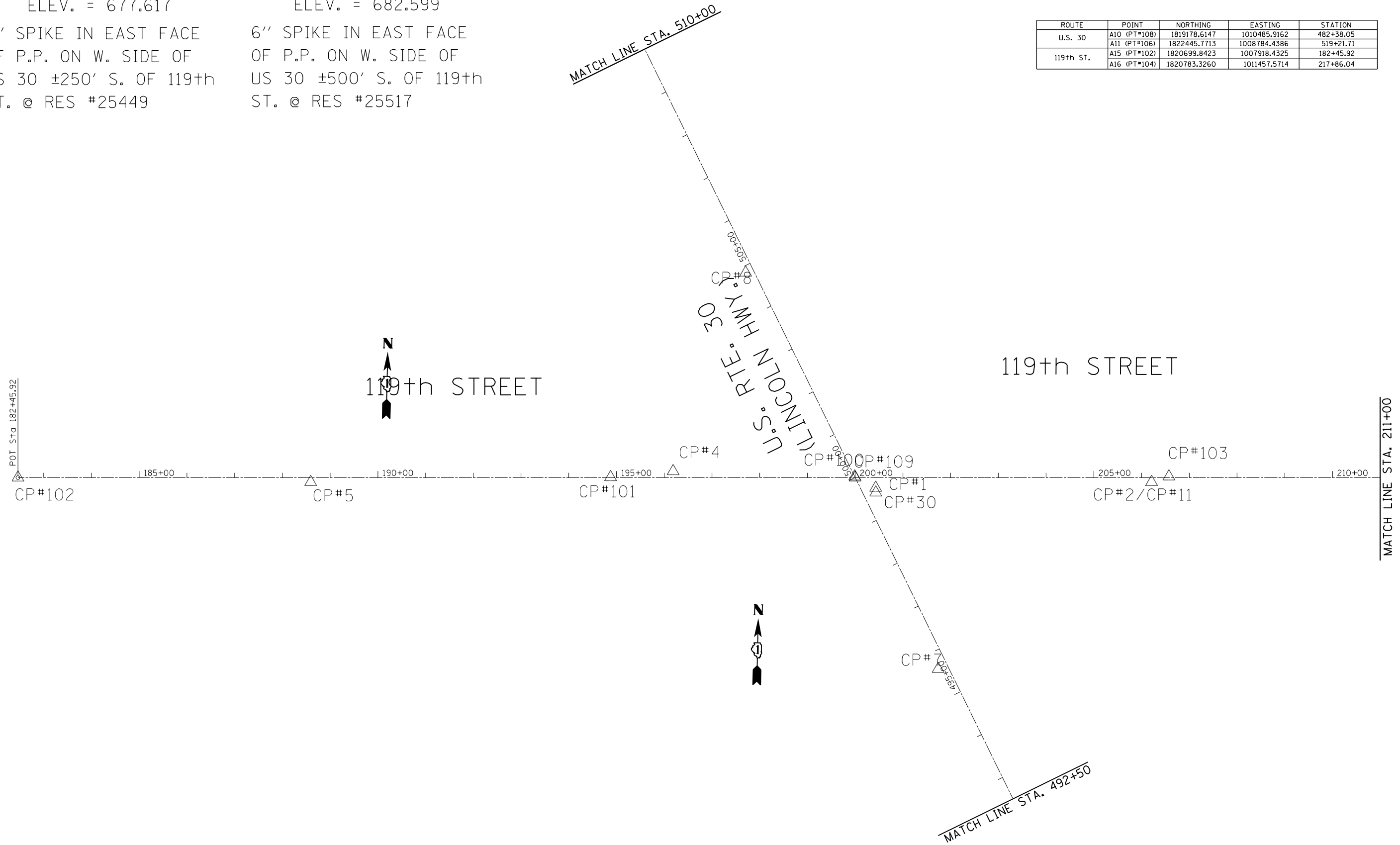
BENCHMARK #1

ELEV. = 677.617
 6" SPIKE IN EAST FACE
 OF P.P. ON W. SIDE OF
 US 30 ±250' S. OF 119th
 ST. @ RES #25449

BENCHMARK #2

ELEV. = 682.599
 6" SPIKE IN EAST FACE
 OF P.P. ON W. SIDE OF
 US 30 ±500' S. OF 119th
 ST. @ RES #25517

ROUTE	POINT	NORTHING	EASTING	STATION
U.S. 30	A10 (PT*108)	1819178.6147	1010485.9162	482+38.05
	A11 (PT*106)	1822445.7713	1008784.4386	519+21.71
119th ST.	A15 (PT*102)	1820699.8423	1007918.4325	182+45.92
	A16 (PT*104)	1820783.3260	1011457.5714	217+86.04



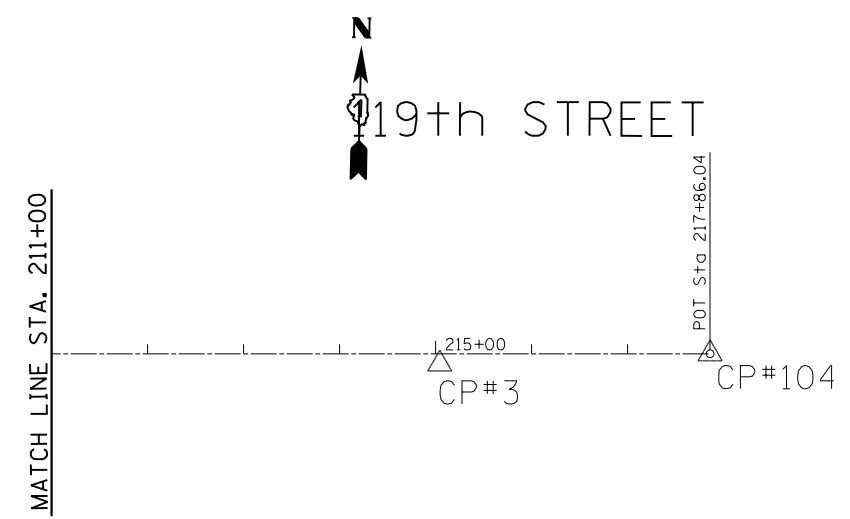
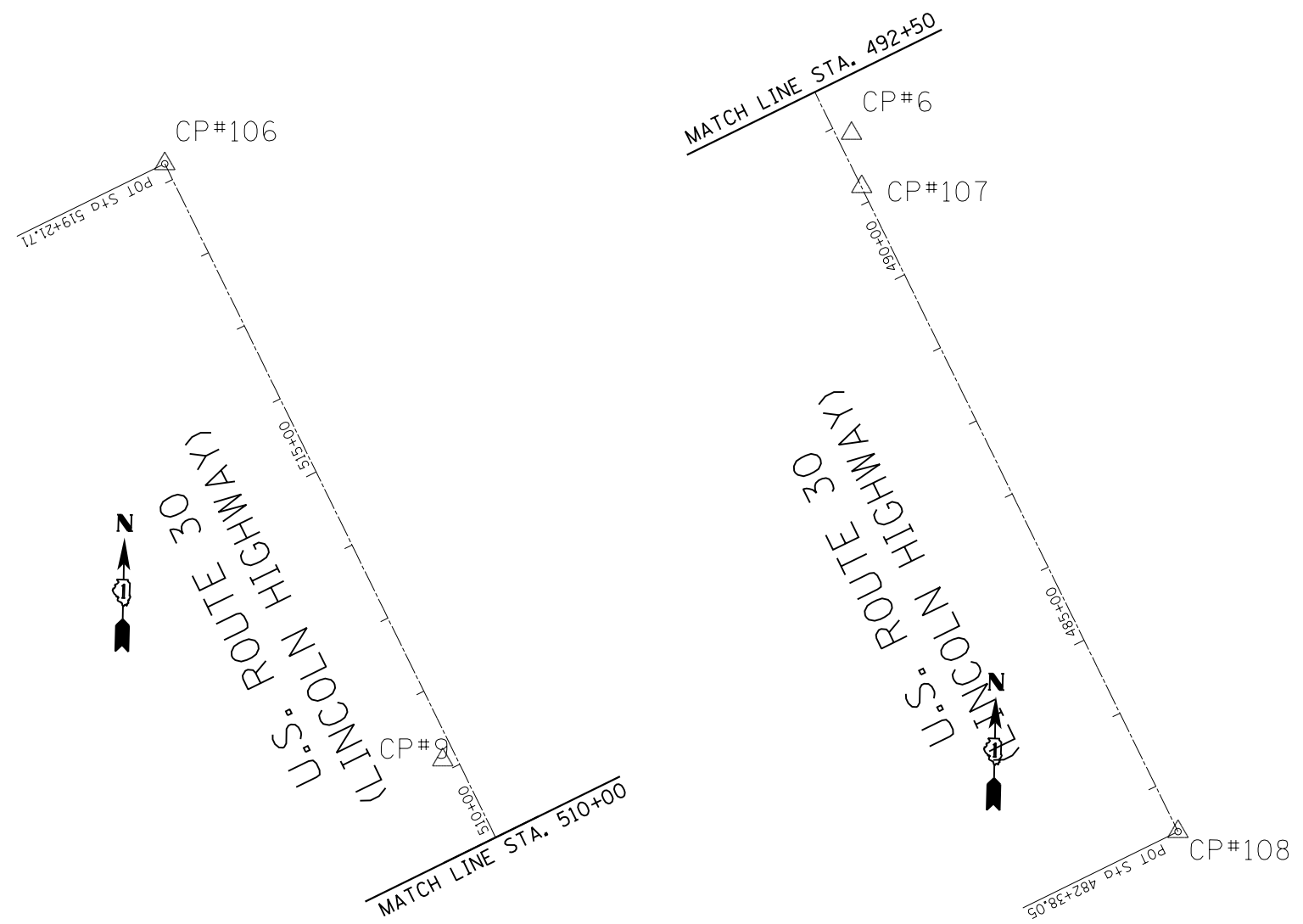
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Default	PLOT DATE = 2/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
 U.S. ROUTE 30 (LINCOLN HWY) AT 119th ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	13
CONTRACT NO. 62B60			ILLINOIS FED. AID PROJECT	



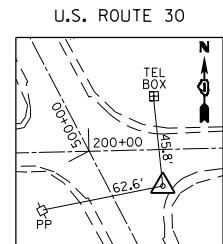
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
	PLOT DATE = 2/15/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
U.S. ROUTE 30 (LINCOLN HWY) AT 119th ST.**

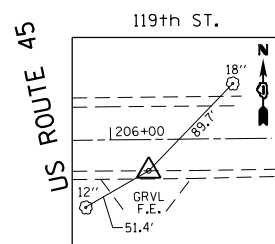
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62B60	



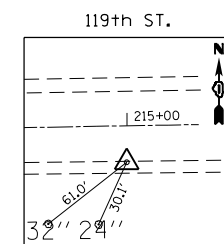
CONTROL POINT 1

PK NAIL IN S.E. QUAD OF INTERSECTION
 STA. 499+61.71 29.05 RT
 N=1820720.7990
 E=1009715.5275
 ELEV.=677.61



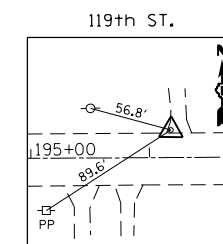
CONTROL POINT 2

PK NAIL SOUTH E.P.
 119th ST ±600' E. OF US 30
 STA. 206+20.96 9.37 RT
 N=1820746.4828
 E=1010293.0313
 ELEV. 670.70 (FB 670.63)



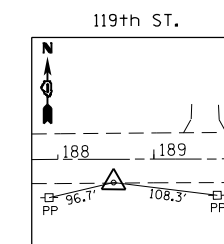
CONTROL POINT 3

PK NAIL IN SOUTH E.P.
 119th ±1500' E. OF US 30
 STA. 215+04.32 10.79 RT
 N=1820765.8926
 E=1011176.1767
 ELEV.=672.95



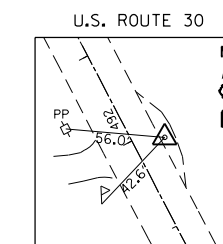
CONTROL POINT 4

PK NAIL IN NORTH E.P.
 119th ±400' W. OF US 30
 STA. 196+18.59 13.34 LT
 N=1820745.5507
 E=1009290.4078
 ELEV.=682.23



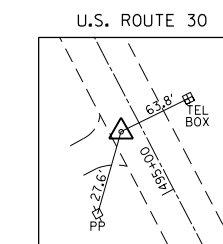
CONTROL POINT 5

PK NAIL IN SOUTH E.P.
 119th ±1150' W. OF US 30
 STA. 188+59.25 9.45 RT
 N=1820704.8538
 E=1008531.8143
 ELEV.=683.37 (FB 683.42)



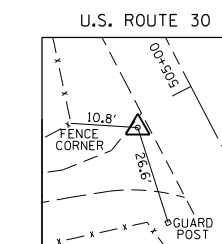
CONTROL POINT 6

PK NAIL IN EAST E.P.
 US 30 ±800' S. OF 119th
 STA. 491+84.38 17.97 RT
 N=1820026.2419
 E=1010064.7447
 ELEV.=673.69 (FB 673.80)



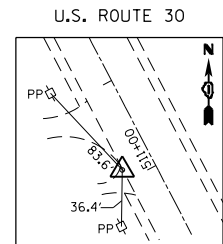
CONTROL POINT 7

PK NAIL IN WEST E.P.
 US 30 ±450' S. OF 119th
 STA. 495+63.34 20.79 LT
 N=1820344.4591
 E=1009855.3288
 ELEV.=674.96 (FB 674.79)



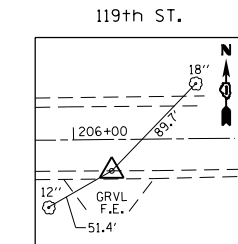
CONTROL POINT 8

PK NAIL IN WEST E.P.
 US 30 ±500' N. OF 119th
 STA. 504+86.39 16.79 LT
 N=1821164.9823
 E=1009432.5188
 ELEV.=680.30 (FB 680.17)



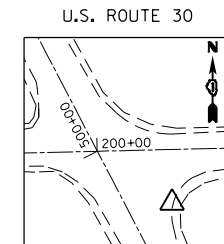
CONTROL POINT 9

PK NAIL IN WEST E.P.
 US 30 ±1100' N. OF 119th
 STA. 511+14.14 16.27 LT
 N=1821721.9980
 E=1009143.0265
 ELEV.=678.43 (FB 678.13)



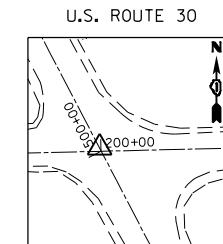
CONTROL POINT 11

PK NAIL SOUTH E.P.
 119th ST ±600' E. OF US 30
 STA. 206+20.96 9.37 RT
 N=1820746.4828
 E=1010293.0313
 ELEV.=670.63



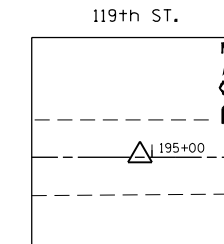
CONTROL POINT 30

STA. 499+52.70 24.88 RT
 N=1820710.8847
 E=1009715.9907
 ELEV.= 677.63



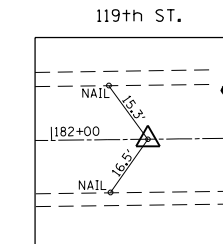
CONTROL POINT 100

STA. 500+02.17 0.06 RT
 N=1820743.2935
 E=1009671.1237
 ELEV.=678.25



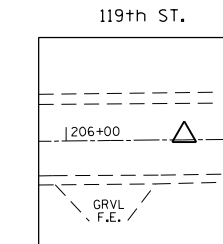
CONTROL POINT 101

STA. 194+87.56 0.81 LT
 N=1820729.9310
 E=1009159.7122
 ELEV.=681.05



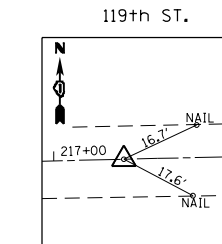
CONTROL POINT 102

PK NAIL @ 119th
 STA. 182+45.92 0.0 OFF
 N=1820699.8423
 E=1007918.4325
 ELEV.=688.98



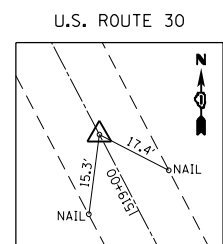
CONTROL POINT 103

STA. 206+57.38 2.26 LT
 N=1820758.9705
 E=1010329.1719
 ELEV.=670.83



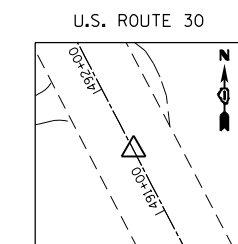
CONTROL POINT 104

PK NAIL @ 119th
 STA. 217+86.04 0.0 OFF
 N=1820783.3260
 E=1011457.5714
 ELEV.=671.10



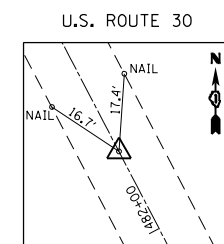
CONTROL POINT 106

PK NAIL @ US 30
 STA. 519+21.71 0.0 OFF
 N=1822445.7713
 E=1008784.4386
 ELEV.=688.56



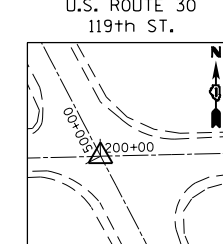
CONTROL POINT 107

STA. 491+20.21 0.38 RT
 N=1819961.2046
 E=1010078.7869
 ELEV.=674.32



CONTROL POINT 108

PK NAIL @ US 30
 STA. 482+38.05 0.0 OFF
 N=1819178.6147
 E=1010485.9162
 ELEV.=665.15

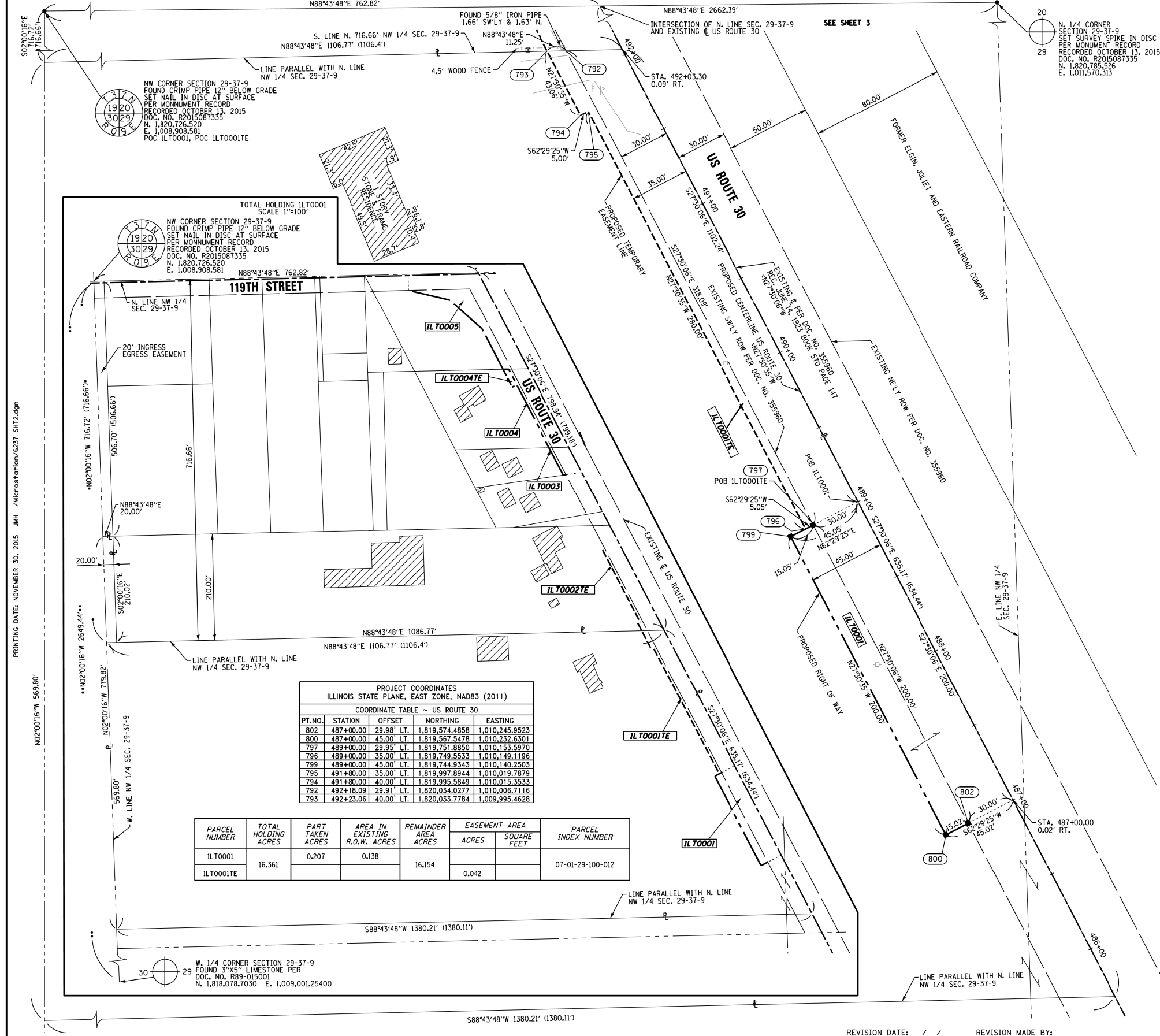


CONTROL POINT 109

⊕-⊕
 STA. 500+00 US 30
 STA. 200+00 119th ST.
 N=1820741.3118
 E=1009672.0172
 ELEV.=688.98

FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS U.S. ROUTE 30 (LINCOLN HWY) AT 119th ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\ill084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI14512\Design\PI14512-sht-cover.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			349	15N-6	WILL	98	15	
Default	PLOT DATE = 2/15/2017	DATE -	REVISED -			CONTRACT NO. 62B60					
						ILLINOIS FED. AID PROJECT					

PART OF THE NW QUARTER OF SECTION 29, TWP. 37 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.



LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

○ 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 0.99994849.
 AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
 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 29, TOWNSHIP 37 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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.

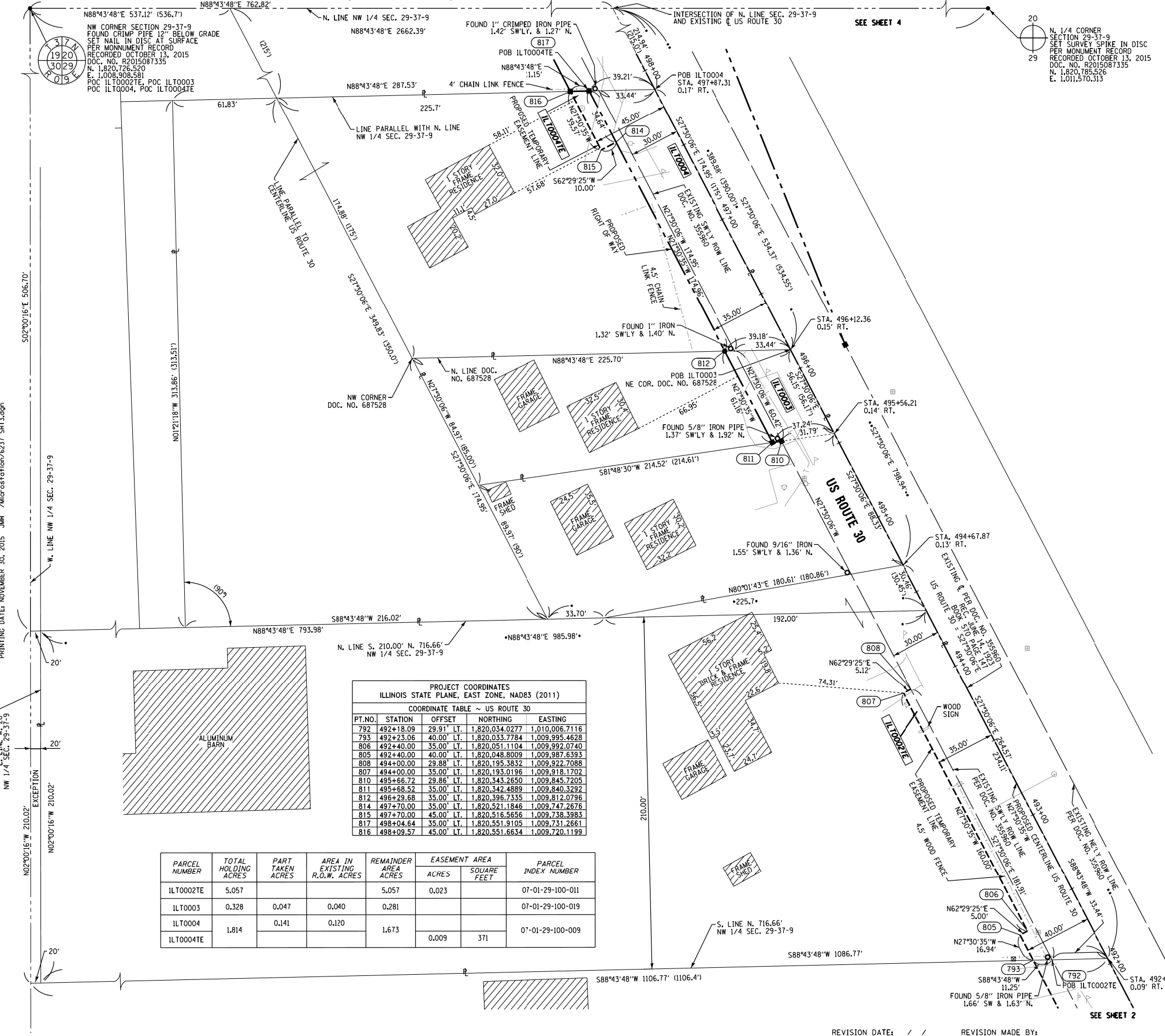
CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 clausenwhite@cwsurvey.com
 CWA Job #237

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 US 30 (LINCOLN HIGHWAY)

LIMITS: AT 119TH STREET COUNTY: WILL
 SECTION: JOB NO.: R-91-023-13
 STA. 487+00 TO STA. 492+50
 SCALE: 1" = 30' SHEET 2 OF 7 SHEETS

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

PART OF THE NW QUARTER OF SECTION 29, TWP. 37 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.



LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- 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 0.999994845.
 AREA SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
 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 29, TOWNSHIP 37 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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.

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)			
COORDINATE TABLE ~ US ROUTE 30			
PT.NO.	STATION	OFFSET	NORTHING EASTING
792	492+18.09	29.91' LT.	1,820,034.0277 1,010,006.7116
793	492+23.06	40.00' LT.	1,820,033.7784 1,009,995.4628
806	492+40.00	35.00' LT.	1,820,051.1104 1,009,992.0740
805	492+40.00	40.00' LT.	1,820,048.8009 1,009,987.6393
808	494+00.00	29.88' LT.	1,820,195.3832 1,009,922.7088
807	494+00.00	35.00' LT.	1,820,193.0196 1,009,918.1702
810	495+66.72	29.86' LT.	1,820,343.2650 1,009,845.7205
811	495+68.52	35.00' LT.	1,820,342.4889 1,009,840.3292
812	496+29.68	35.00' LT.	1,820,396.7355 1,009,812.0796
814	497+70.00	35.00' LT.	1,820,521.1846 1,009,747.2876
815	497+70.00	45.00' LT.	1,820,516.5656 1,009,738.3983
817	498+04.64	35.00' LT.	1,820,551.9105 1,009,731.2661
816	498+09.57	45.00' LT.	1,820,551.6634 1,009,720.1199

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
ILT0002TE	5.057		0.040	5.057	0.023		07-01-29-100-011
ILT0003	0.328	0.047	0.120	1.673			07-01-29-100-019
ILT0004	1.814	0.141			0.009	371	07-01-29-100-009

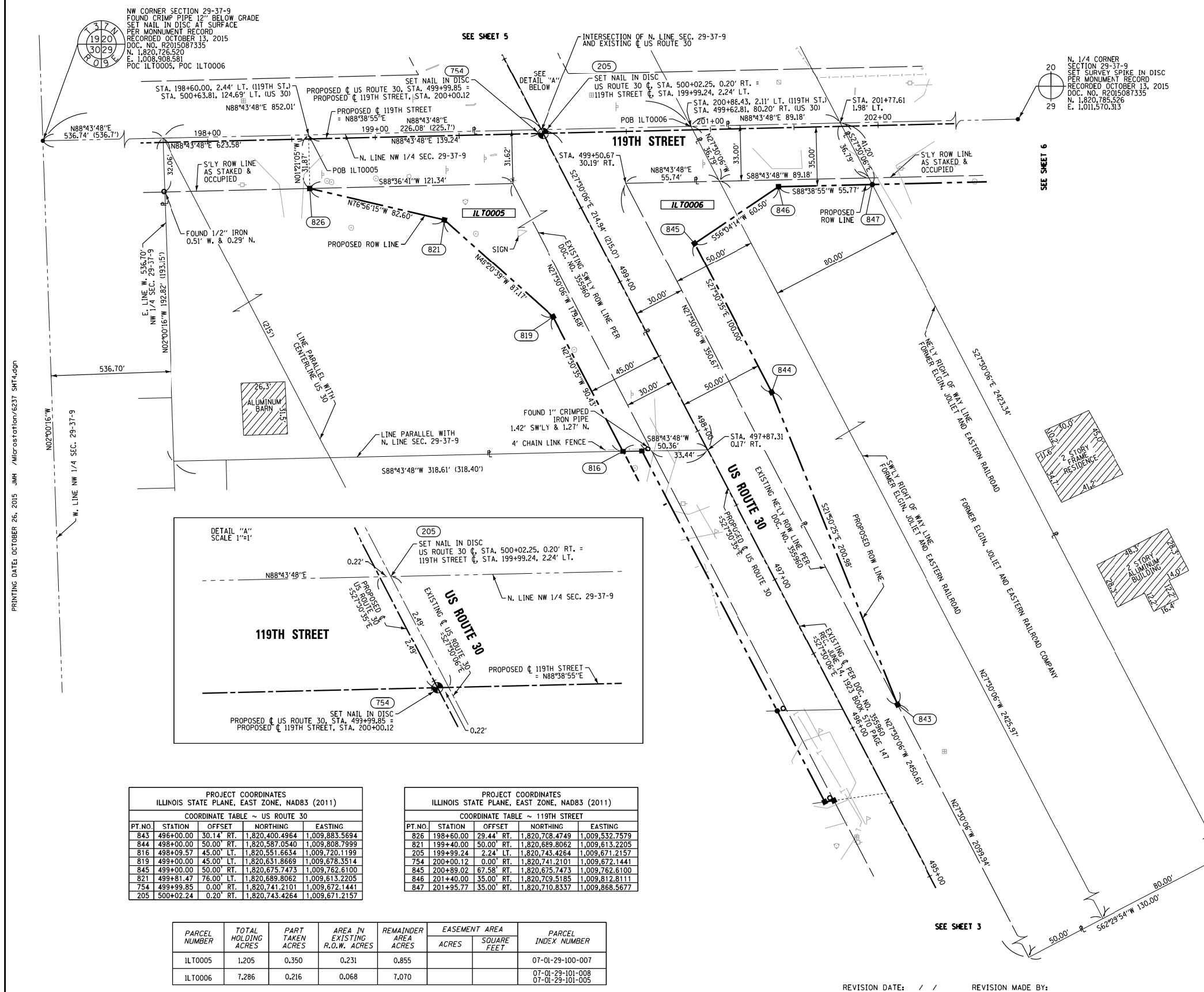
CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 clausenwhite@cwasurevey.com
 CWA Job #6237

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 US 30 (LINCOLN HIGHWAY)

LIMITS: AT 119TH STREET COUNTY: WILL
 SECTION: STA. 492+00 TO STA. 498+50 JOB NO.: R-91-023-13
 SCALE: 1" = 30' SHEET 3 OF 7 SHEETS

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

PART OF THE NW QUARTER OF SECTION 29, TWP. 37 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.



NW CORNER SECTION 29-37-9
 FOUND CRIMP PIPE 12" BELOW GRADE
 SET NAIL IN DISC AT SURFACE
 PER MONUMENT RECORD
 RECORDED OCTOBER 13, 2015
 DOC. NO. R2015087335
 N. 1,820,726.520
 E. 1,008,908.581
 POC ILT0005, POC ILT0006

N. 1/4 CORNER SECTION 29-37-9
 SET SURVEY SPIKE IN DISC
 PER MONUMENT RECORD
 RECORDED OCTOBER 13, 2015
 DOC. NO. R2015087335
 N. 1,820,785.526
 E. 1,011,570.313

LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- 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)
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 AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
 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 29, TOWNSHIP 37 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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.

PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
 COORDINATE TABLE ~ US ROUTE 30

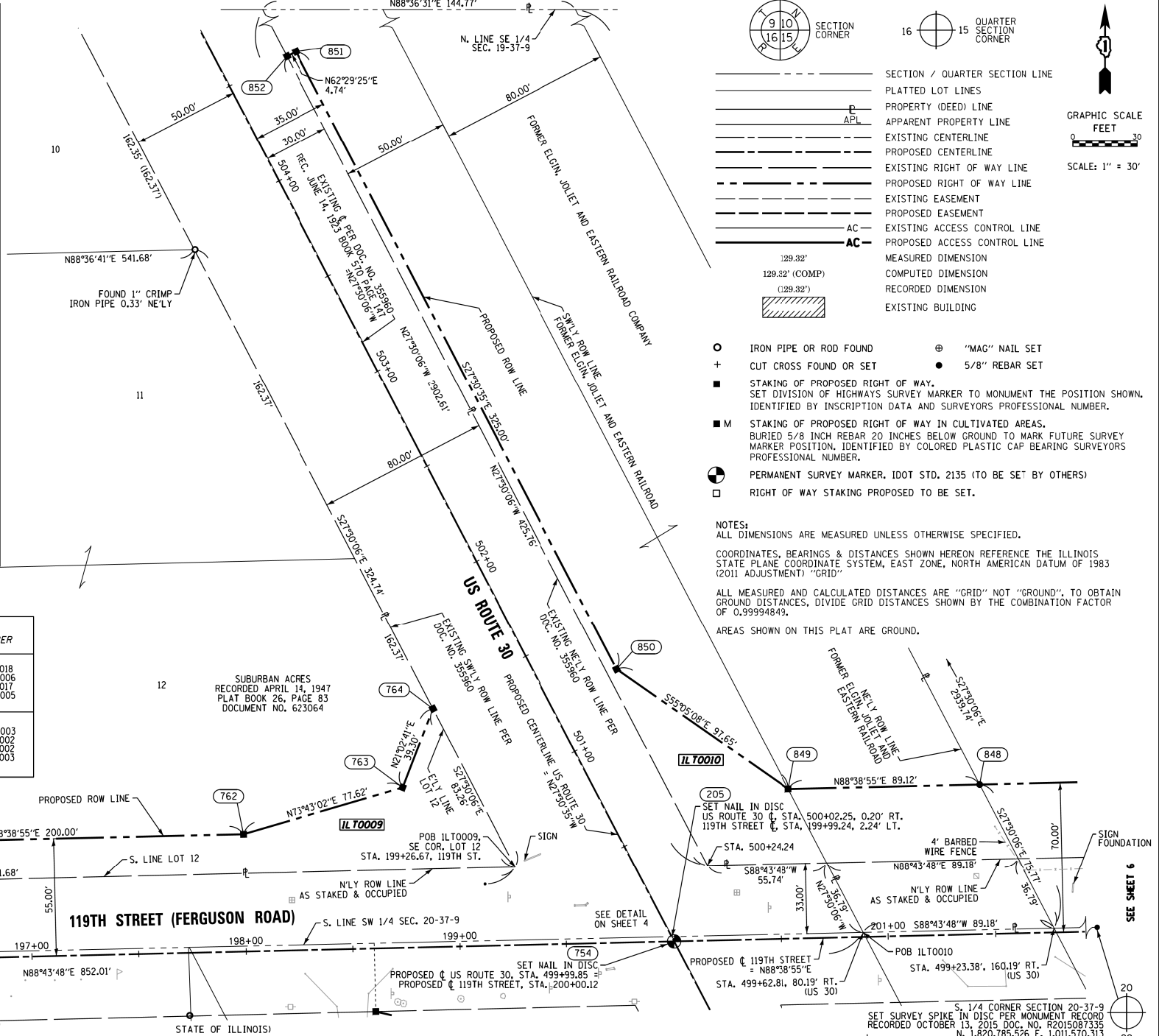
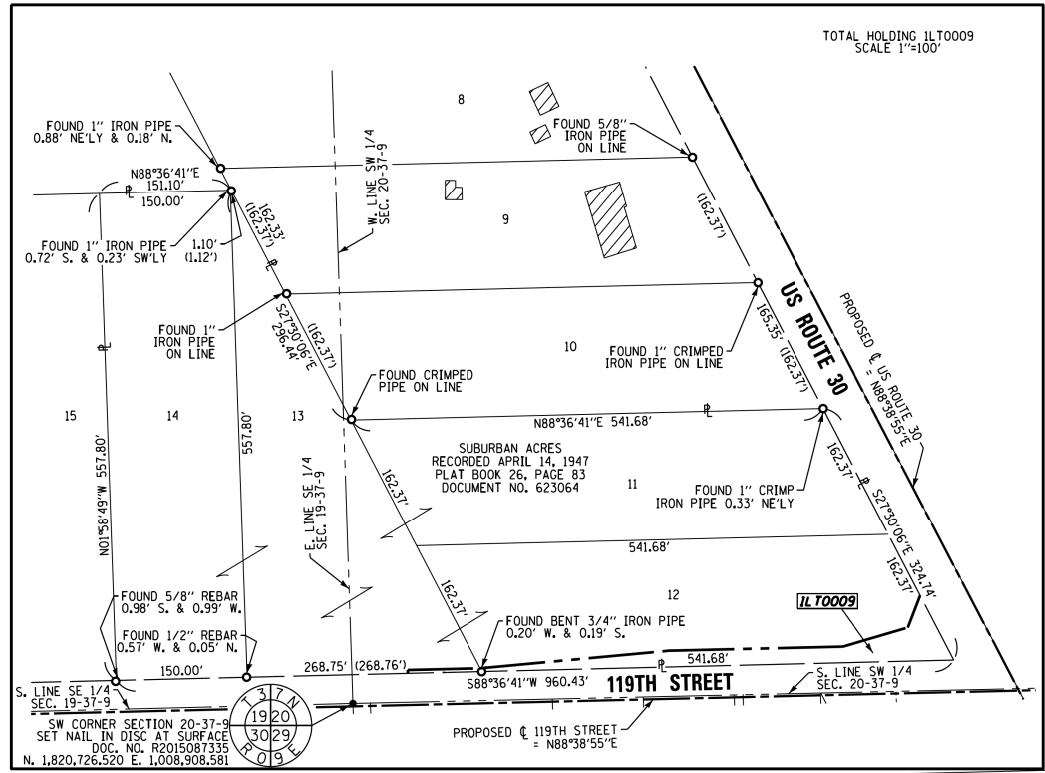
PT. NO.	STATION	OFFSET	NORTHING	EASTING
843	496+00.00	30.14' RT.	1,820,400.4964	1,009,883.5694
844	498+00.00	50.00' RT.	1,820,587.0540	1,009,808.7999
816	498+09.57	45.00' LT.	1,820,551.6634	1,009,720.1199
819	499+00.00	45.00' LT.	1,820,631.8669	1,009,676.3514
845	499+00.00	50.00' RT.	1,820,675.7473	1,009,762.6100
821	499+81.47	76.00' LT.	1,820,689.8062	1,009,613.2205
754	499+99.85	0.00' RT.	1,820,741.2101	1,009,672.1441
205	500+02.24	0.20' RT.	1,820,743.4264	1,009,671.2157

PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
 COORDINATE TABLE ~ 119TH STREET

PT. NO.	STATION	OFFSET	NORTHING	EASTING
826	198+60.00	29.44' RT.	1,820,708.4749	1,009,532.7579
821	199+40.00	50.00' RT.	1,820,669.8062	1,009,613.2205
205	199+99.24	2.24' LT.	1,820,743.4264	1,009,671.2157
754	200+00.12	0.00' RT.	1,820,741.2101	1,009,672.1441
845	200+99.02	67.58' RT.	1,820,675.7473	1,009,762.6100
846	201+40.00	35.00' RT.	1,820,709.5185	1,009,812.8111
847	201+95.77	35.00' RT.	1,820,710.8337	1,009,868.5677

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
ILT0005	1.205	0.350	0.231	0.855		07-01-29-100-007
ILT0006	7.286	0.216	0.068	7.070		07-01-29-101-008 07-01-29-101-005

PART OF THE SW QUARTER OF SECTION 20, TWP. 37 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9 10 16 15

QUARTER SECTION CORNER: 16 15

GRAPHIC SCALE: FEET 0 30

SCALE: 1" = 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
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- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- 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)
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AREAS SHOWN ON THIS PLAT ARE GROUND.

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	
1LT0009	7.274	0.248		7.026			07-01-19-401-018 07-01-20-302-006 07-01-19-401-017 07-01-20-302-005
1LT0010	8.731	0.259	0.068	8.472			07-01-20-300-003 07-01-20-301-002 07-01-19-402-002 07-01-19-402-003

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

COORDINATE TABLE ~ US ROUTE 30

PT.NO.	STATION	OFFSET	NORTHING	EASTING
754	499+99.85	0.00' RT.	1,820,741.2101	1,009,672.1441
205	500+02.24	0.20' RT.	1,820,743.4264	1,009,671.2157
849	500+38.44	80.21' RT.	1,820,812.4871	1,009,725.4543
763	501+22.33	79.24' LT.	1,820,813.2386	1,009,545.2908
850	501+25.00	35.00' RT.	1,820,868.3786	1,009,645.3788
764	501+48.34	49.78' LT.	1,820,849.9202	1,009,559.4043
852	504+50.00	30.26' RT.	1,821,154.4433	1,009,491.0595
851	504+50.00	35.00' RT.	1,821,156.6317	1,009,495.2618

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

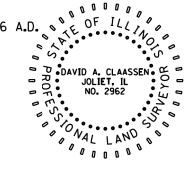
COORDINATE TABLE ~ 119TH STREET

PT.NO.	STATION	OFFSET	NORTHING	EASTING
758	193+00.00	36.20' LT.	1,820,760.8866	1,008,971.3658
759	193+00.00	40.00' LT.	1,820,764.6886	1,008,971.2761
760	193+83.15	40.00' LT.	1,820,766.6495	1,009,054.4011
761	196+00.00	55.00' LT.	1,820,786.7591	1,009,270.8389
762	198+00.00	55.00' LT.	1,820,791.4755	1,009,470.7833
763	198+75.00	75.00' LT.	1,820,813.2386	1,009,545.2908
205	199+99.24	2.24' LT.	1,820,743.4264	1,009,671.2157
754	200+00.12	0.00' RT.	1,820,741.2101	1,009,672.1441
849	200+55.10	70.00' RT.	1,820,812.4871	1,009,725.4543
848	201+44.22	70.00' LT.	1,820,814.5888	1,009,814.5521

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 37 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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 JULIET, ILLINOIS THIS ____ DAY OF _____, 2016 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.



RECEIVED
MAR 21 2016
PLATS & LEGALS

CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JULIET, ILLINOIS 60431
(815) 744-3720 claassenwhite@cwasurevey.com
CWA Job #237

PLAT OF HIGHWAYS

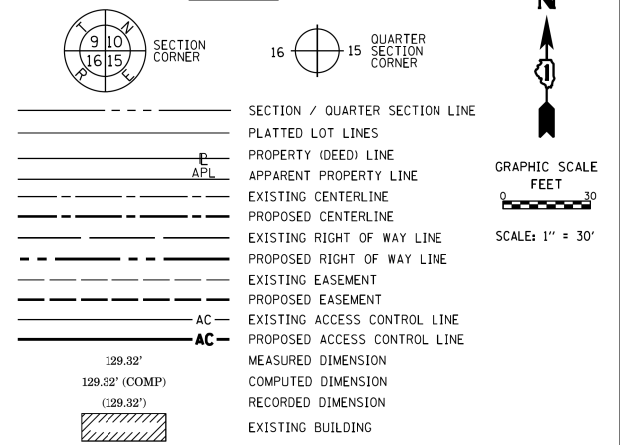
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 30 (LINCOLN HIGHWAY)

LIMITS: AT 119TH STREET COUNTY: WILL
SECTION: STA. 500+00 TO STA. 505+00 JOB NO.: R-91-023-13
SCALE: 1" = 30' SHEET 5 OF 7 SHEETS

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

PART OF THE SW QUARTER OF SECTION 20 & THE NW QUARTER OF SECTION 29, TWP. 37 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

LEGEND

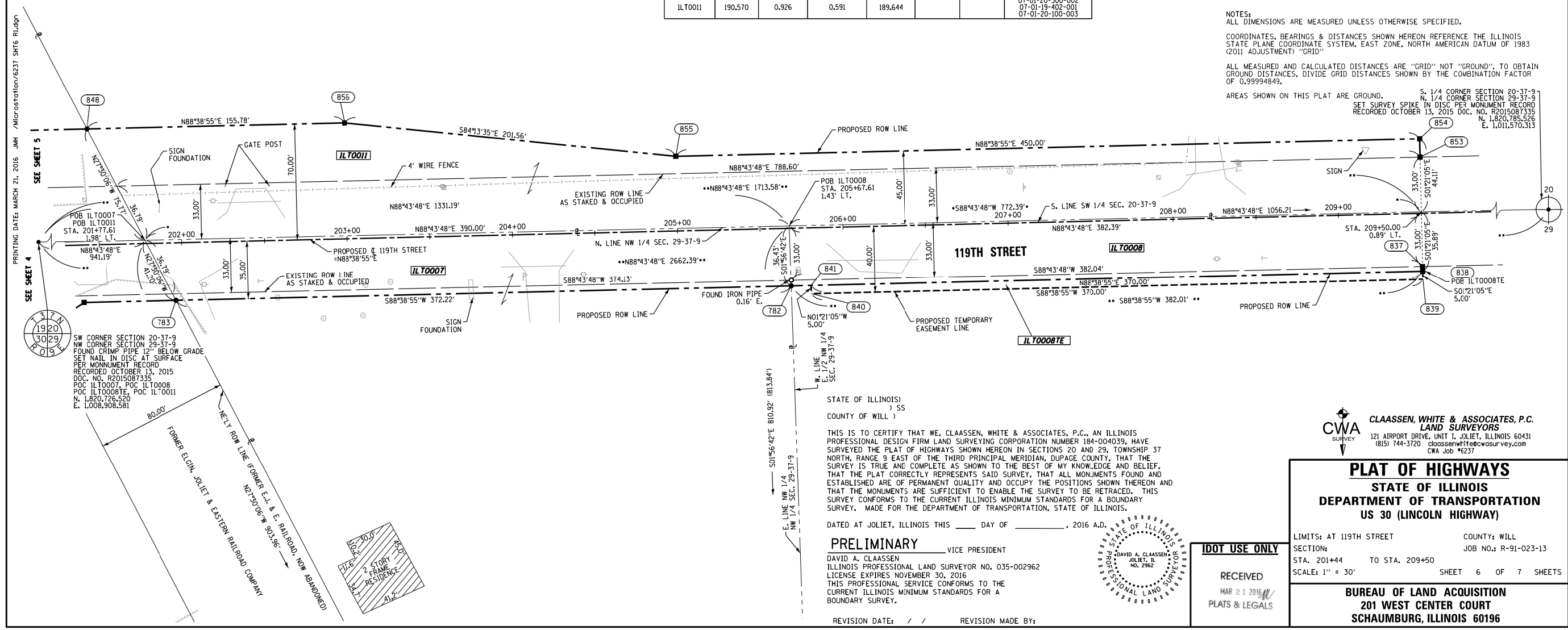


PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

COORDINATE TABLE ~ 119TH STREET				
PT.NO.	STATION	OFFSET	NORTHING	EASTING
848	201+44.22	70.00' LT.	1,820,814.5888	1,009,814.5521
783	201+95.77	35.00' RT.	1,820,710.8337	1,009,868.5677
856	203+00.00	70.00' LT.	1,820,818.2624	1,009,970.2905
855	205+00.00	45.00' LT.	1,820,797.9858	1,010,170.8245
782	205+67.99	35.00' RT.	1,820,719.6115	1,010,240.8857
841	205+80.00	35.00' RT.	1,820,719.8946	1,010,252.8888
840	205+80.00	40.00' RT.	1,820,714.8960	1,010,252.8067
837	209+50.00	32.11' RT.	1,820,731.5071	1,010,622.5178
853	209+50.00	33.89' LT.	1,820,797.4889	1,010,620.9614
838	209+50.00	35.00' RT.	1,820,728.6200	1,010,622.5859
839	209+50.00	40.00' RT.	1,820,723.6214	1,010,622.7038
854	209+50.00	45.00' LT.	1,820,808.5978	1,010,620.6993

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	
ILT0007	3,630	0,321	0,289	3,309			07-01-29-101-002
ILT0008	45,342	0,317	0,290	45,025			07-01-29-101-003
ILT0008TE					0,042		
ILT0011	190,570	0,926	0,591	189,644			07-01-20-100-002 07-01-19-402-001 07-01-20-100-003

SEE SHEET 7 FOR TOTAL HOLDING OF ILT0007, ILT0008 & ILT0011



NOTES:
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AREAS SHOWN ON THIS PLAT ARE GROUND.

SW CORNER SECTION 20-37-9
NW CORNER SECTION 29-37-9
FOUND CRIMP PIPE 12" BELOW GRADE
SET NAIL IN DISC AT SURFACE
PER MONUMENT RECORD
RECORDED OCTOBER 13, 2015
DOC. NO. R2015087335
POC ILT0007, POC ILT0008
POC ILT0008TE, POC ILT0011
N. 1,820,726.520
E. 1,008,908.581

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 SECTIONS 20 AND 29, TOWNSHIP 37 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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.

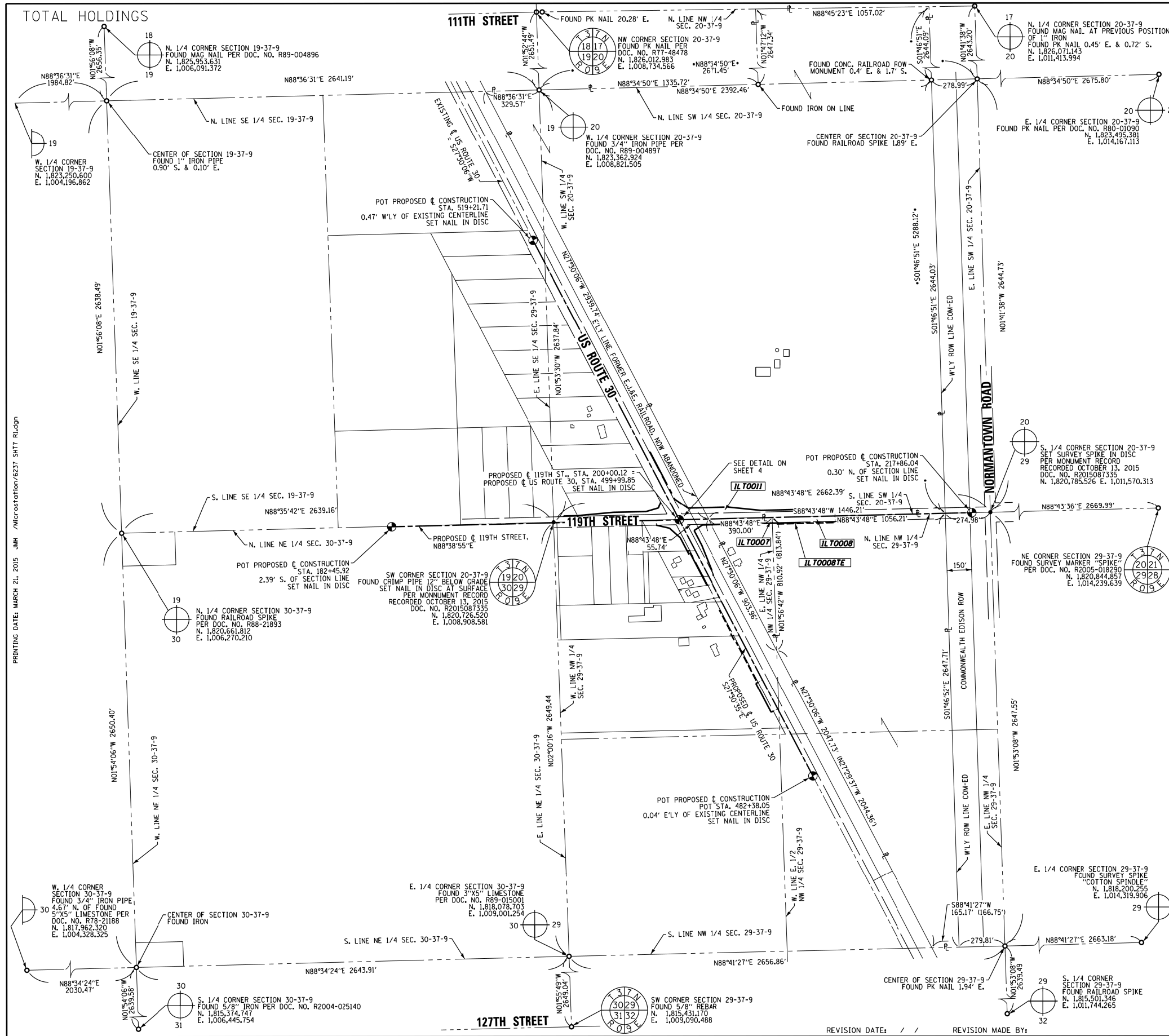
DATED AT JOLIET, ILLINOIS THIS ____ DAY OF _____, 2016 A.D.
PRELIMINARY _____ VICE PRESIDENT
DAVID A. CLAASSEN
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
LICENSE EXPIRES NOVEMBER 30, 2016
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

CWA SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 claassenwhite@cwasurvey.com
CWA Job #237

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 30 (LINCOLN HIGHWAY)

LIMITS: AT 119TH STREET COUNTY: WILL
SECTION: STA. 201+44 TO STA. 209+50 JOB NO.: R-91-023-13
SCALE: 1" = 30' SHEET 6 OF 7 SHEETS

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



LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- 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 0.99994849.
 AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS
 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 SECTIONS 19, 20 AND 29, TOWNSHIP 37 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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 _____, 2016 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.

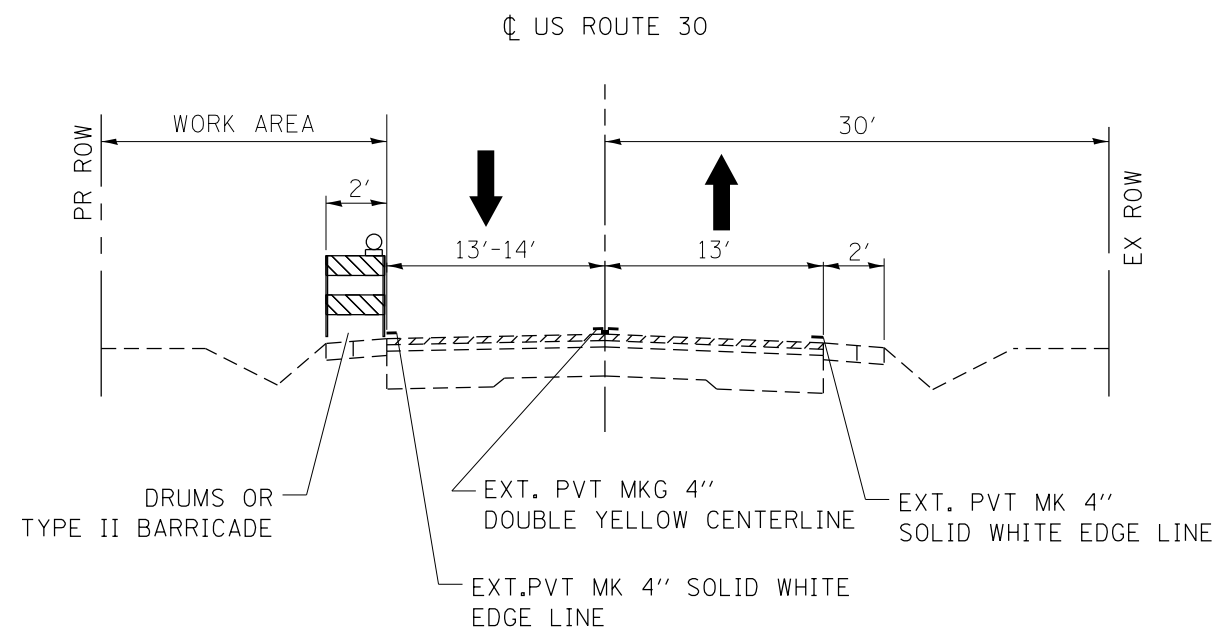
CWA SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 claassenwhite@cwasurvey.com
 CWA Job #6237

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 30 (LINCOLN HIGHWAY)

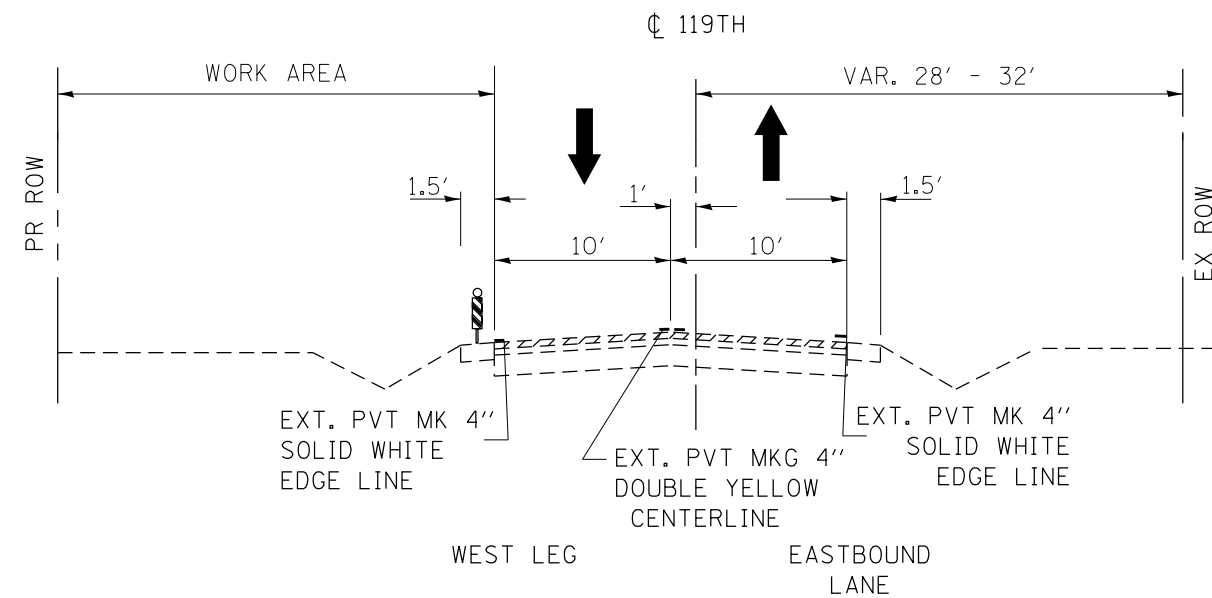
LIMITS: AT 119TH STREET COUNTY: WILL
 SECTION: JOB NO.: R-91-023-13
 STA. N/A TO STA. N/A
 SCALE: 1" = 300' SHEET 7 OF 7 SHEETS

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

FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING & PROPOSED R.O.W. PLAN U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG\illinois.gov\PIWIDT\Documents\IDOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-sht-cover.dgn		CHECKED -	REVISED -		349	15N-6	WILL	98	21		
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE: NONE SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 62B60			
	PLOT DATE = 2/15/2017				ILLINOIS FED. AID PROJECT						



**US ROUTE 30 (LINCOLN HIGHWAY)
STA. 487 + 00 TO STA. 501 + 50**



**119TH STREET
STA. 188 + 70 TO STA. 200 + 00**

SIGNS 'CAUTION NEW LANES STOP HERE'. THESE SIGNS SHALL BE INSTALLED IN LINE WITH THE STOP BARS.

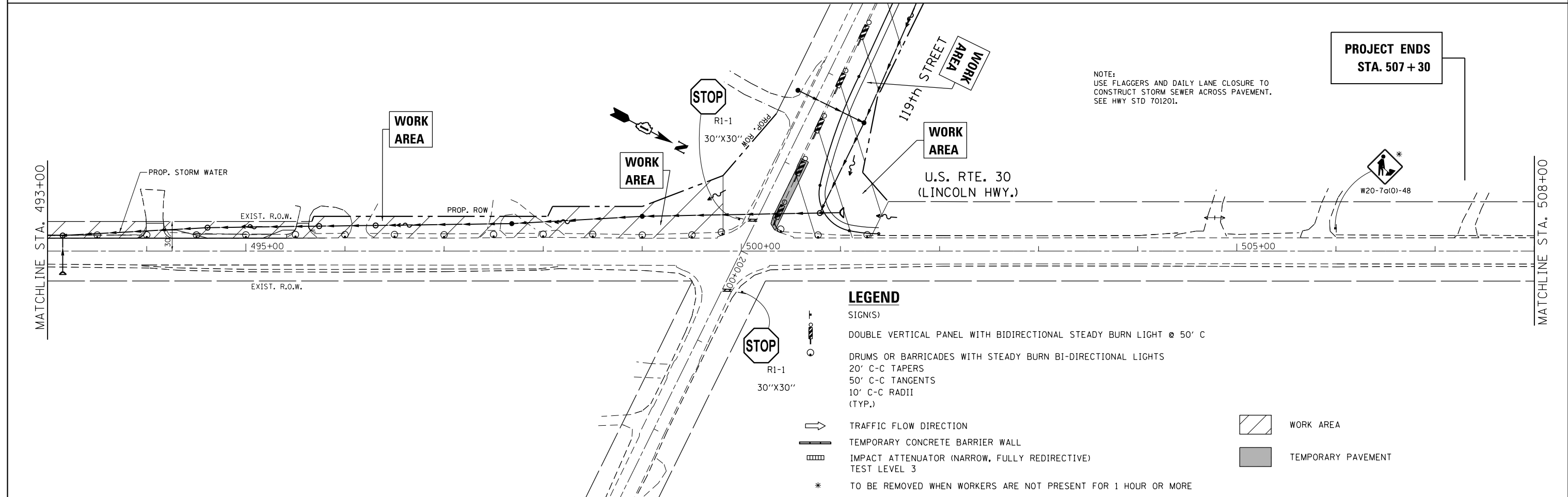
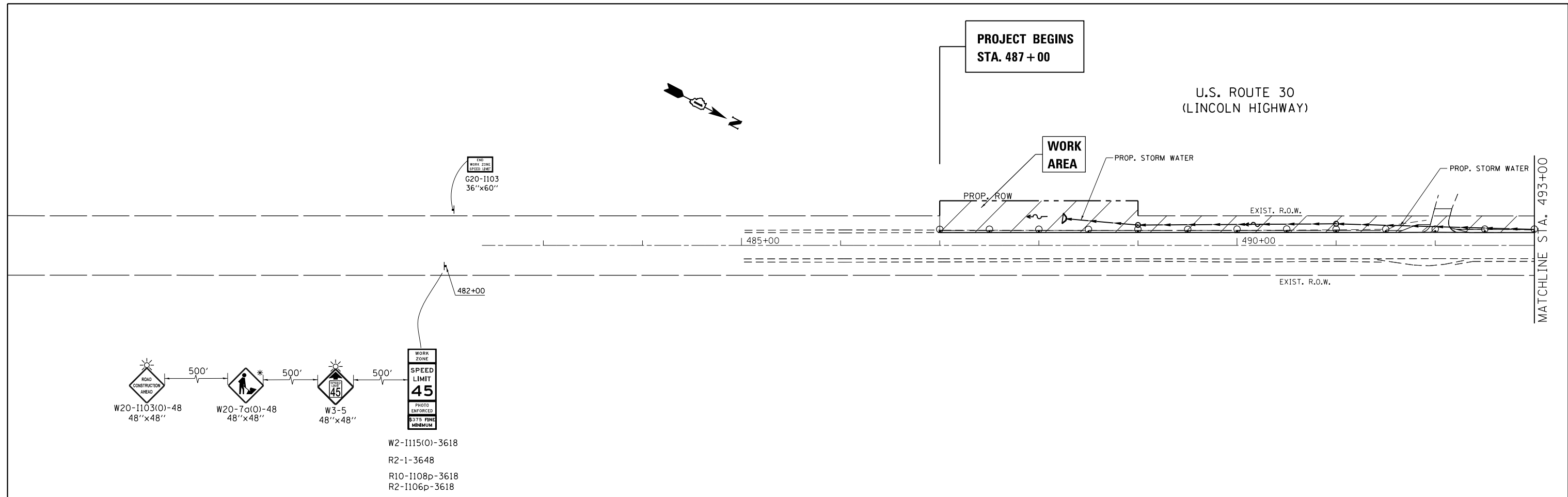
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Default	PLOT DATE = 2/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

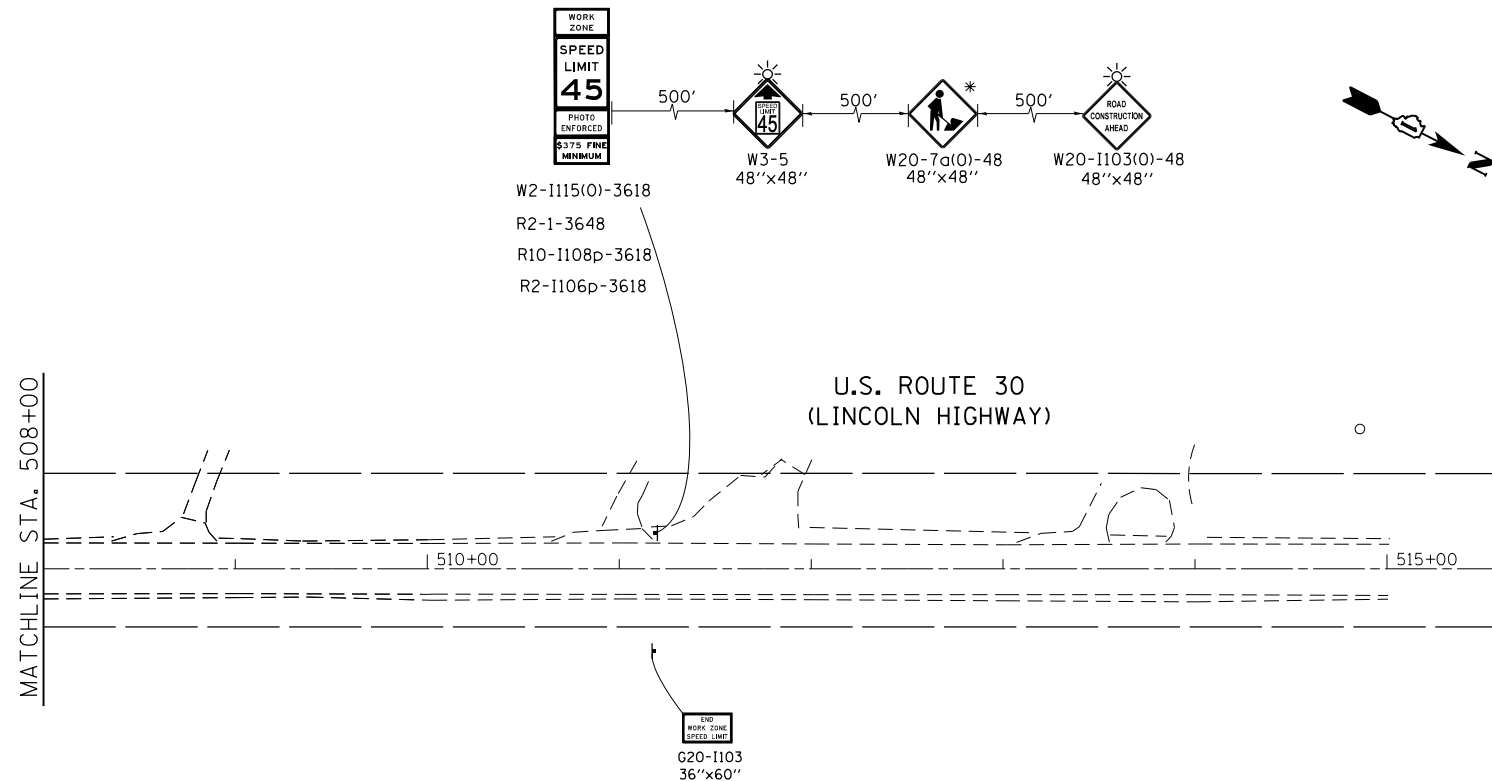
**TYPICAL CROSS SECTIONS FOR SUGGESTED CONSTRUCTION STAGE 1
U.S. ROUTE 30 AT 119TH ST.**

SCALE: NONE SHEET OF SHEETS STA. TO STA.













F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	22
CONTRACT NO. 62B60			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED CONSTRUCTION STAGING, STAGE I U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-sht-cover.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -			349	15N-6	WILL	98	23	
Default	PLOT DATE = 2/15/2017	DATE -	REVISED -			CONTRACT NO. 62B60					
						ILLINOIS FED. AID PROJECT					



LEGEND

-  SIGN(S)
-  DOUBLE VERTICAL PANEL WITH BIDIRECTIONAL STEADY BURN LIGHT @ 50' C
-  DRUMS OR BARRICADES WITH STEADY BURN BI-DIRECTIONAL LIGHTS
-  20' C-C TAPERS
-  50' C-C TANGENTS
-  10' C-C RADII (TYP.)
-  TRAFFIC FLOW DIRECTION
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATOR (NARROW, FULLY REDIRECTIVE) TEST LEVEL 3
-  * TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE
-  WORK AREA
-  TEMPORARY PAVEMENT

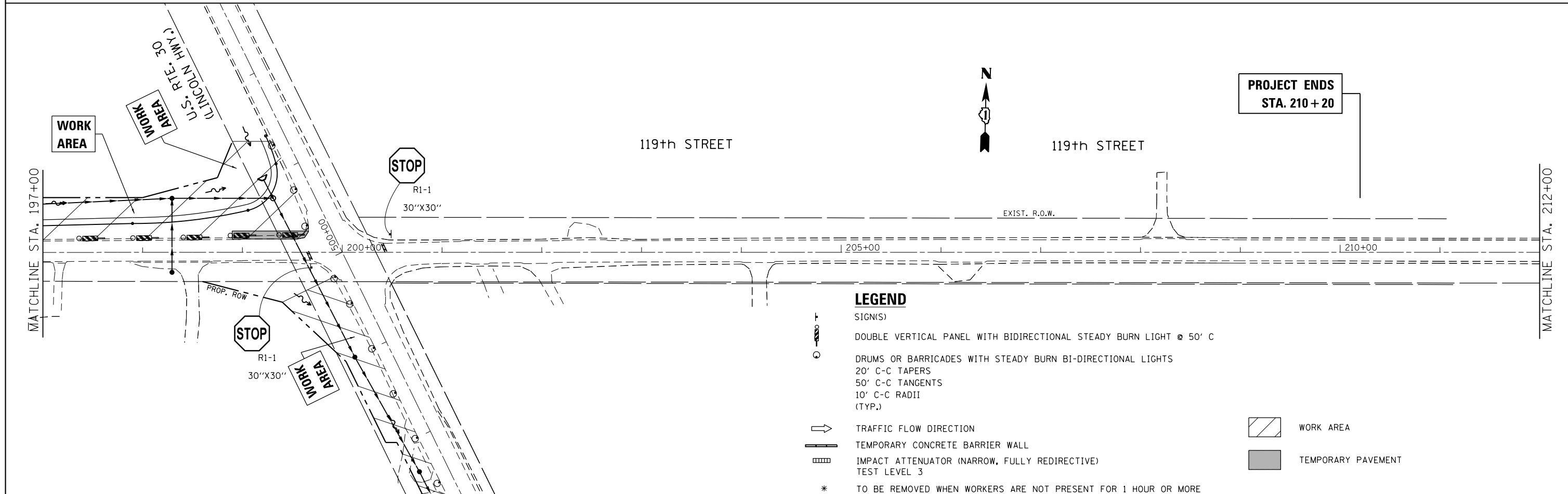
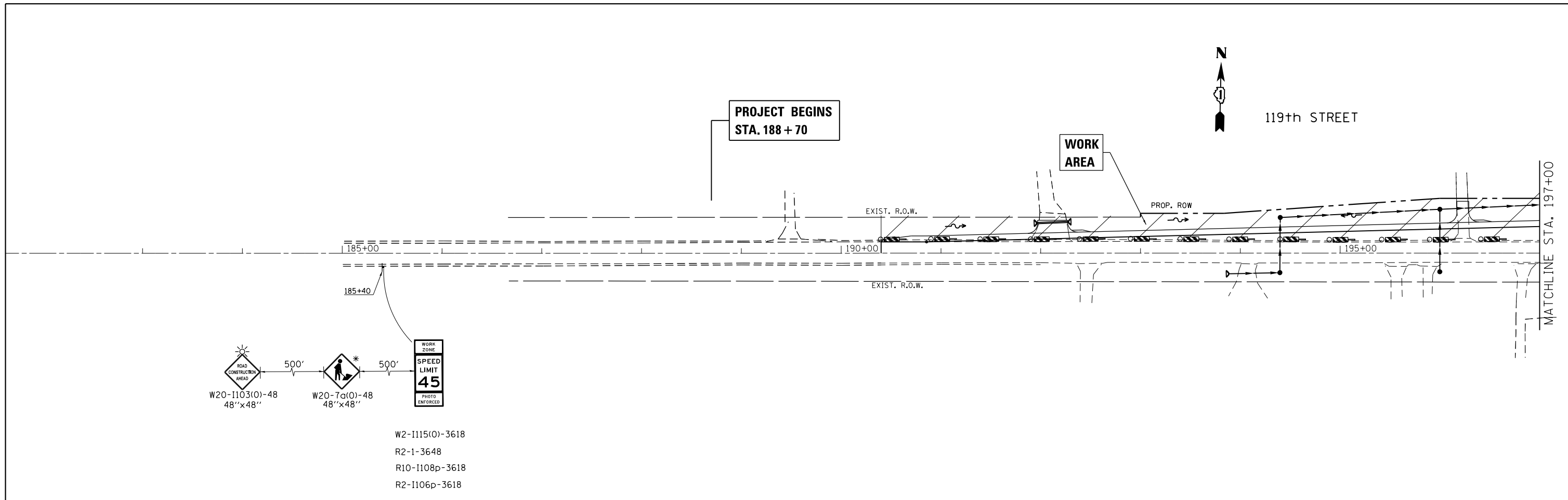
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

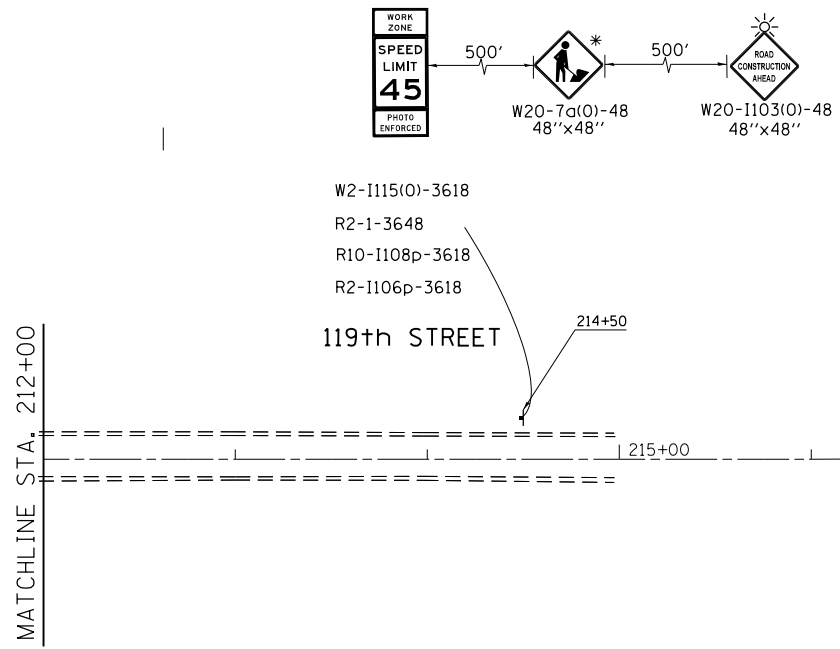
**SUGGESTED CONSTRUCTION STAGING, STAGE I
U.S. RTE 30 (LINCOLN HWY.) AT 119TH ST.**

SCALE: 1"=50' SHEET OF SHEETS STA. 492+50 TO STA. 507+30

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	24
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED CONSTRUCTION STAGING, STAGE I U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-shit-cover.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			349	15N-6	WILL	98	25	
Default	PLOT DATE = 2/15/2017	DATE -	REVISED -			CONTRACT NO. 62B60					
						ILLINOIS FED. AID PROJECT					



LEGEND

- SIGN(S)
- DOUBLE VERTICAL PANEL WITH BIDIRECTIONAL STEADY BURN LIGHT @ 50' C
- DRUMS OR BARRICADES WITH STEADY BURN BI-DIRECTIONAL LIGHTS
- 20' C-C TAPERS
- 50' C-C TANGENTS
- 10' C-C RADII (TYP.)
- TRAFFIC FLOW DIRECTION
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR (NARROW, FULLY REDIRECTIVE) TEST LEVEL 3
- * TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE
- WORK AREA
- TEMPORARY PAVEMENT

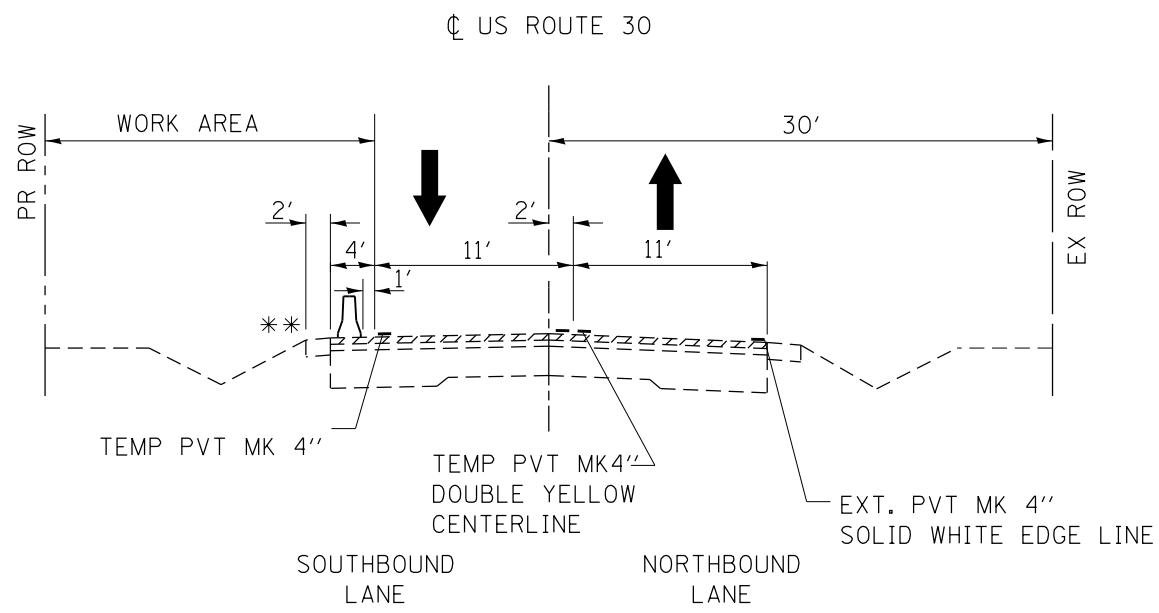
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Default	PLOT DATE = 2/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

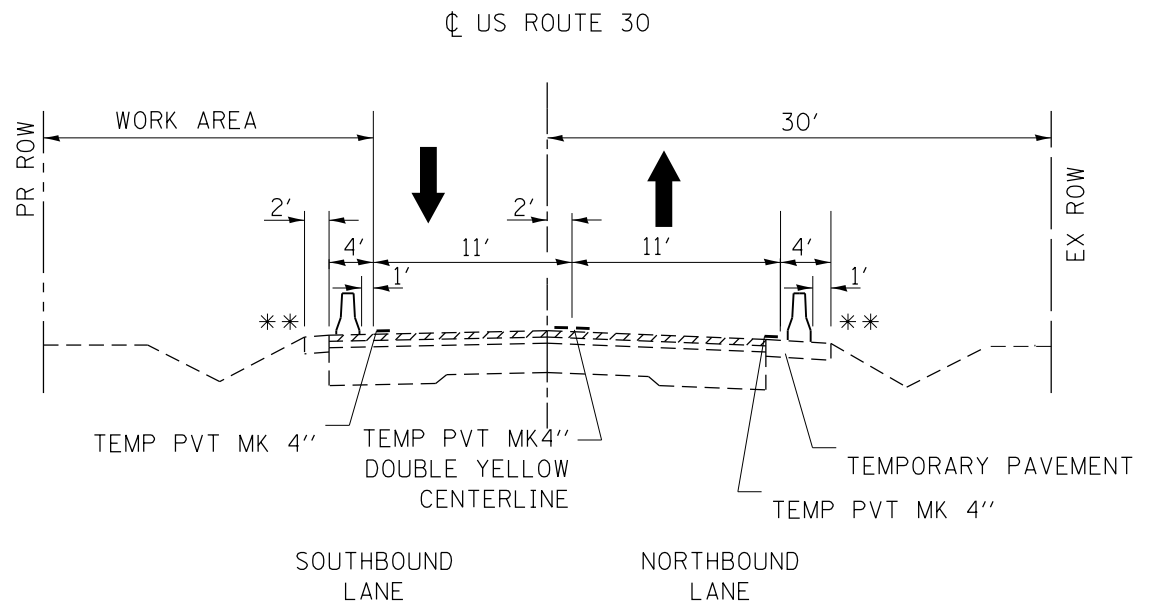
**SUGGESTED CONSTRUCTION STAGING, STAGE I
U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.**

SCALE: 1"=50' SHEET OF SHEETS STA. 197+00 TO STA. 210+20

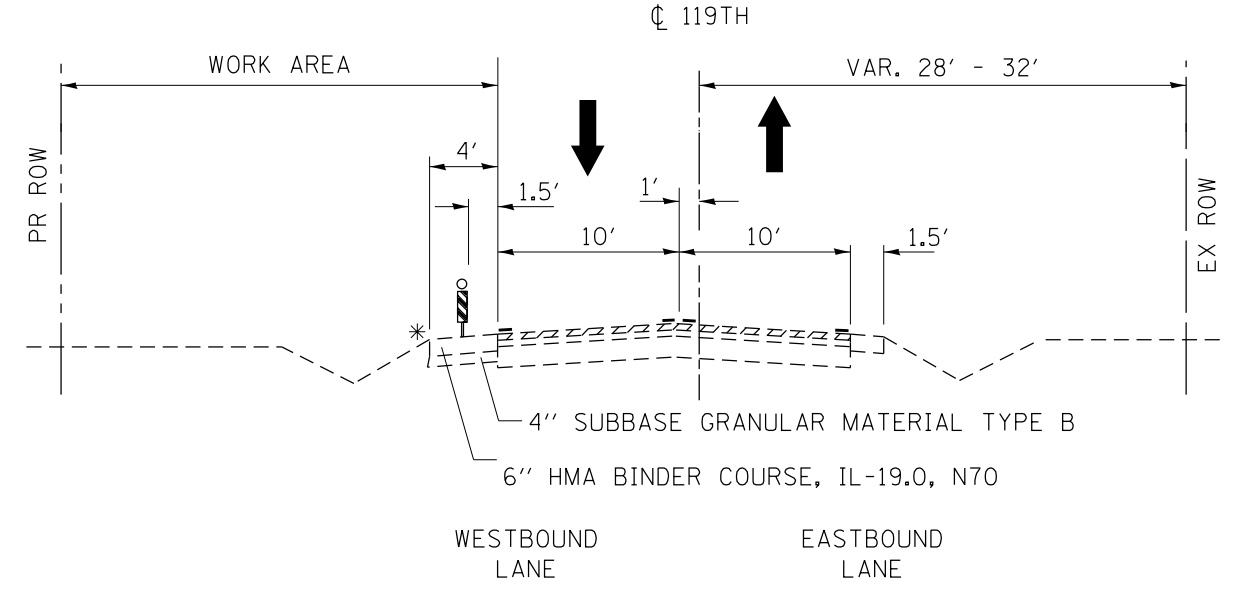
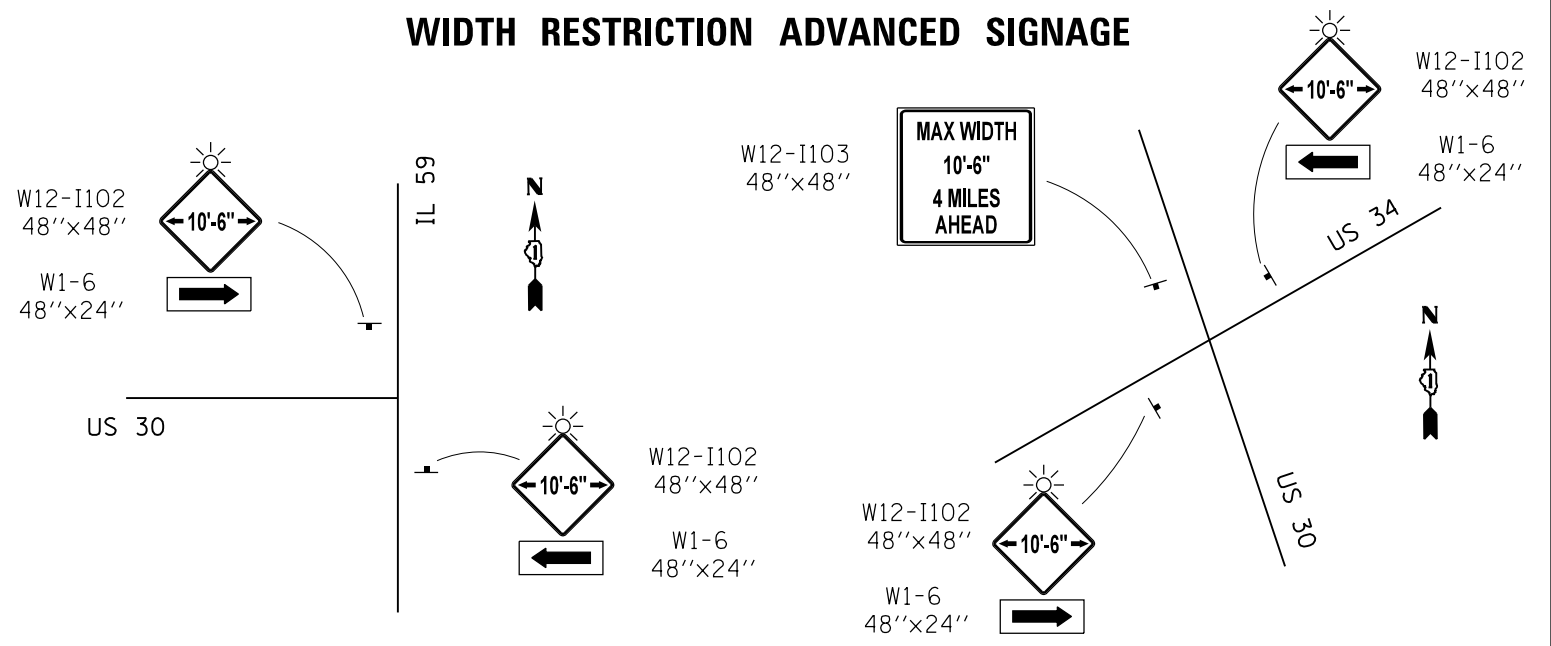
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	26
CONTRACT NO. 62B60			ILLINOIS FED. AID PROJECT	



US ROUTE 30 (LINCOLN HIGHWAY)
STA. 487+00 TO STA. 500+00
STA. 502+00 TO STA. 507+30



US ROUTE 30 (LINCOLN HIGHWAY)
STA. 500 TO STA. 502+00

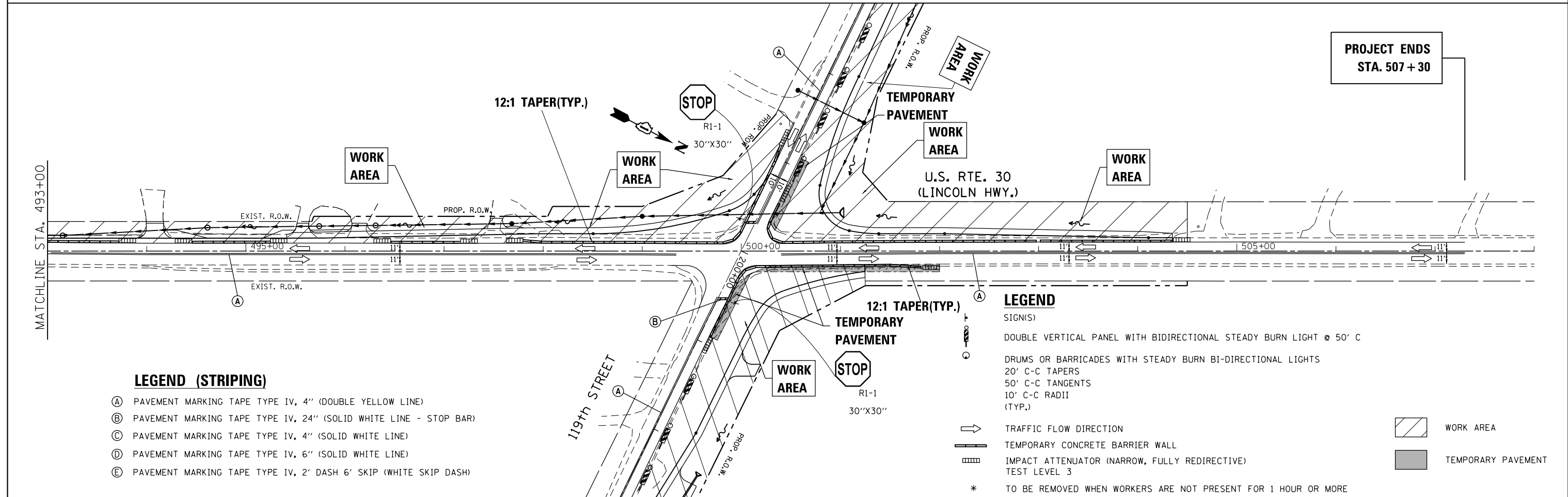
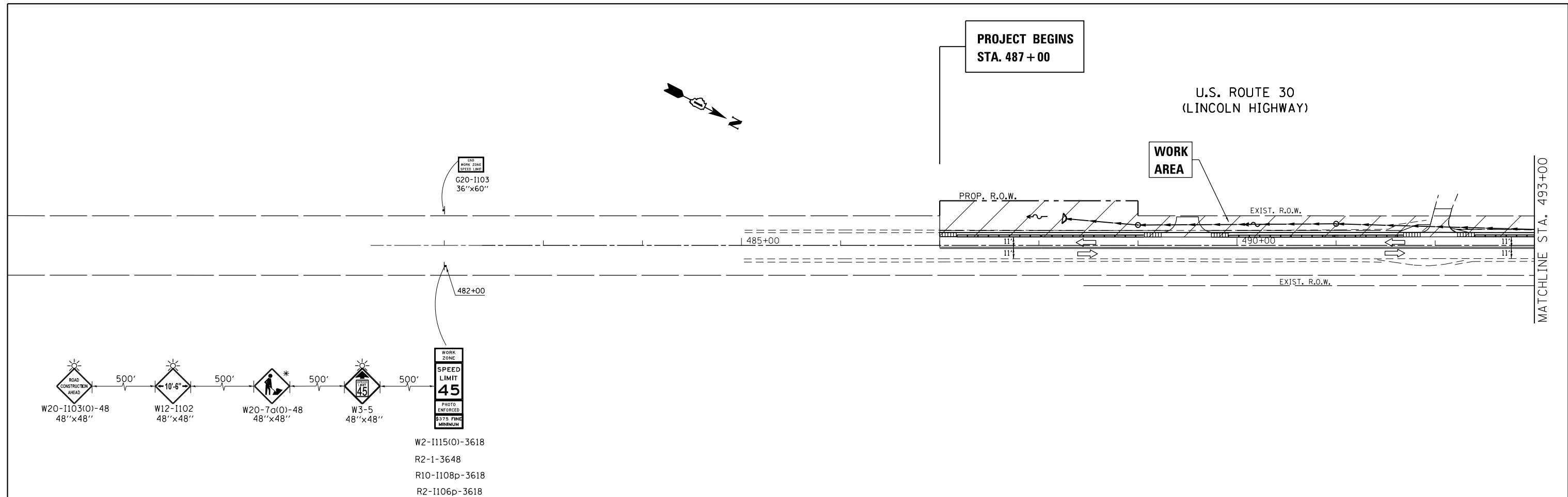


119TH STREET
STA. 190+00 TO STA. 209+50

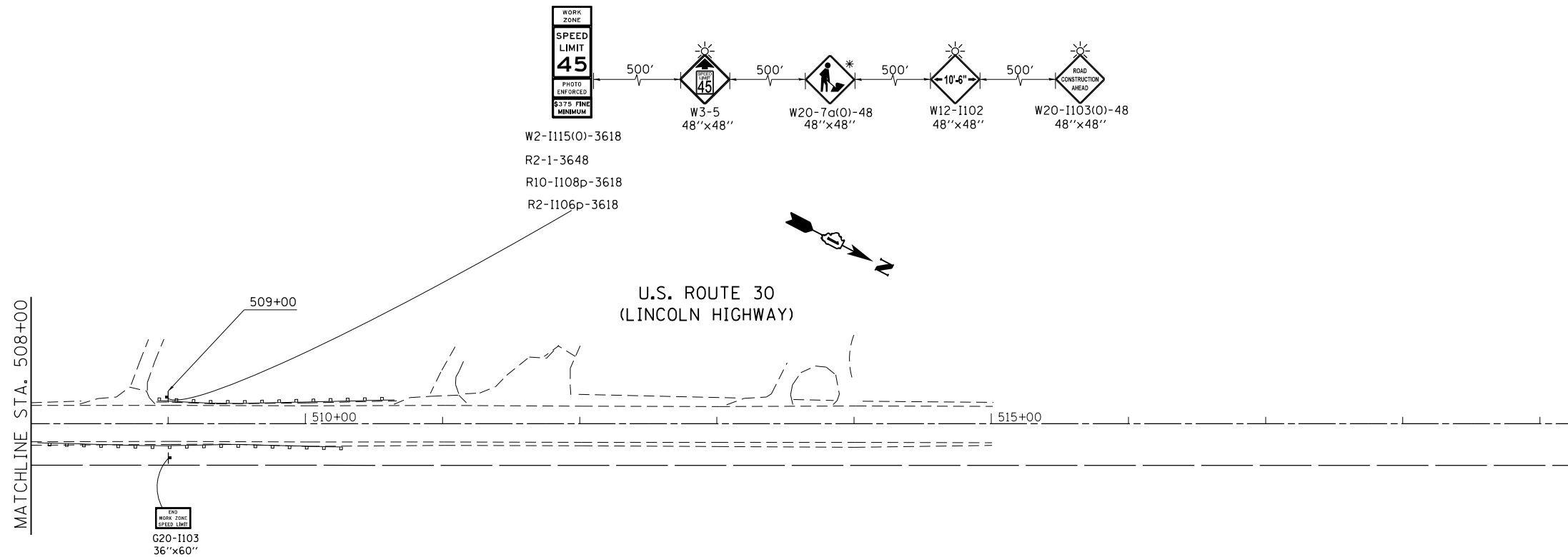
- * REPLACE 1.5' AGGREGATE SHOULDER WITH 4' TEMPORARY PAVEMENT IN LOCATION OF BARRIER WALL AS SHOWN IN THE TYPICAL SECTION
- ** ALL THE TCB SHALL BE PINNED TO ANCHOR THE TEMPORARY BARRIER TO THE TRAFFIC SIDE OF THE PAVEMENT.

SIGNS 'CAUTION NEW LANES STOP HERE'. THESE SIGNS SHALL BE INSTALLED IN LINE WITH THE STOP BARS.

FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS FOR SUGGESTED CONSTRUCTION STAGE II U.S. ROUTE 30 AT 119TH ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBID\INTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-shit-cover.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -					349	15N-6	WILL	98	27
Default	PLOT DATE = 2/15/2017	DATE -	REVISED -		CONTRACT NO. 62B60			ILLINOIS FED. AID PROJECT				
					SCALE: NONE	SHEET	OF	SHEETS	STA.	TO	STA.	



FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED CONSTRUCTION STAGING, STAGE II U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-sh1-cover.dgn		CHECKED -	REVISED -		349	15N-6	WILL	98	28				
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		CONTRACT NO. 62B60				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/15/2017				SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 487+00	TO	STA. 492+50		



W2-1115(0)-3618
 R2-1-3648
 R10-1108p-3618
 R2-1106p-3618

LEGEND (STRIPING)

- (A) PAVEMENT MARKING TAPE TYPE IV, 4" (DOUBLE YELLOW LINE)
- (B) PAVEMENT MARKING TAPE TYPE IV, 24" (SOLID WHITE LINE - STOP BAR)
- (C) PAVEMENT MARKING TAPE TYPE IV, 4" (SOLID WHITE LINE)
- (D) PAVEMENT MARKING TAPE TYPE IV, 6" (SOLID WHITE LINE)
- (E) PAVEMENT MARKING TAPE TYPE IV, 2' DASH 6' SKIP (WHITE SKIP DASH)

LEGEND

- SIGN(S)
- DOUBLE VERTICAL PANEL WITH BIDIRECTIONAL STEADY BURN LIGHT @ 50' C
- DRUMS OR BARRICADES WITH STEADY BURN BI-DIRECTIONAL LIGHTS
- 20' C-C TAPERS
- 50' C-C TANGENTS
- 10' C-C RADII (TYP.)
- TRAFFIC FLOW DIRECTION
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR (NARROW, FULLY REDIRECTIVE)
- TEST LEVEL 3
- * TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE

- WORK AREA
- TEMPORARY PAVEMENT

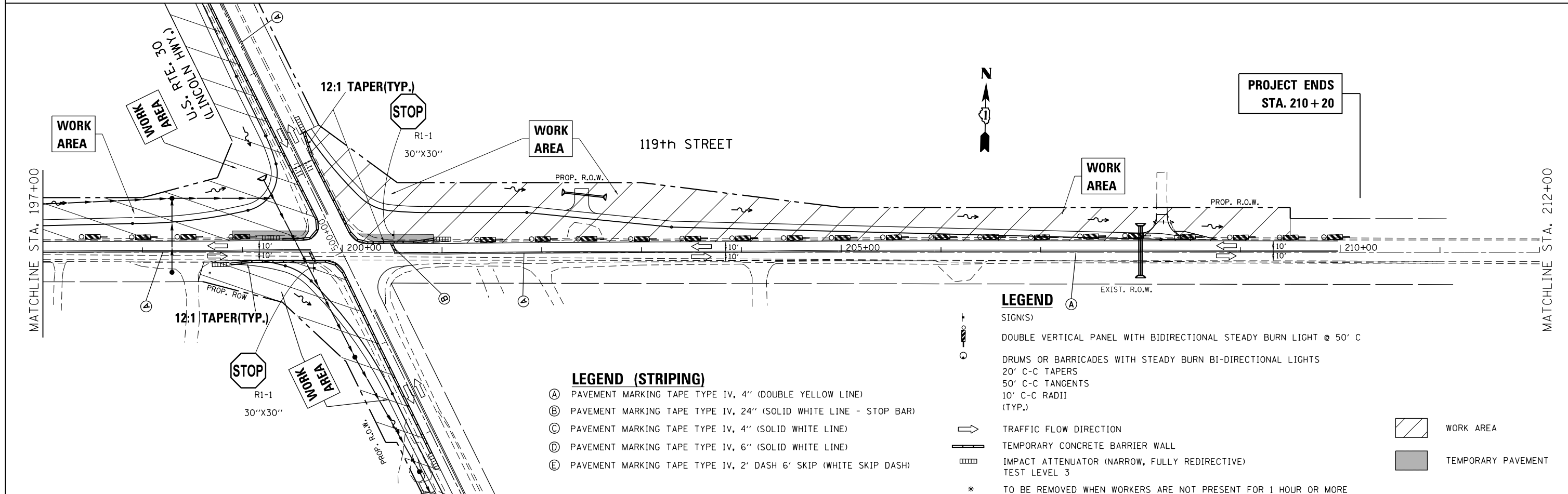
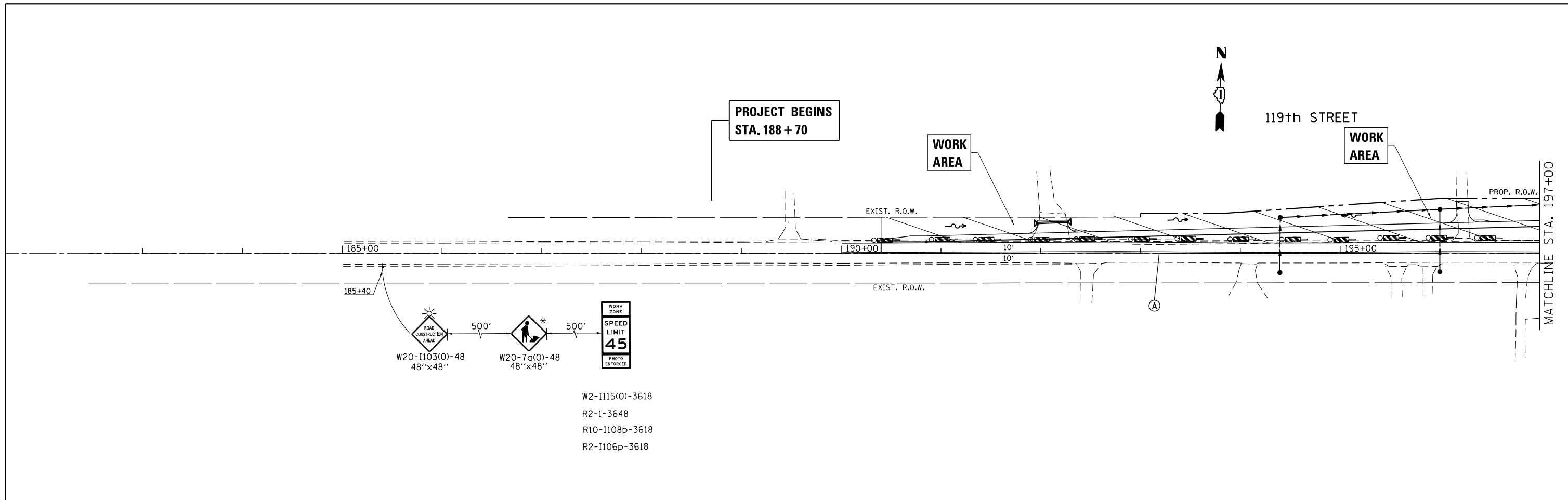
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION STAGING, STAGE II
 U.S. RTE 30 (LINCOLN HWY.) AT 119TH ST.**

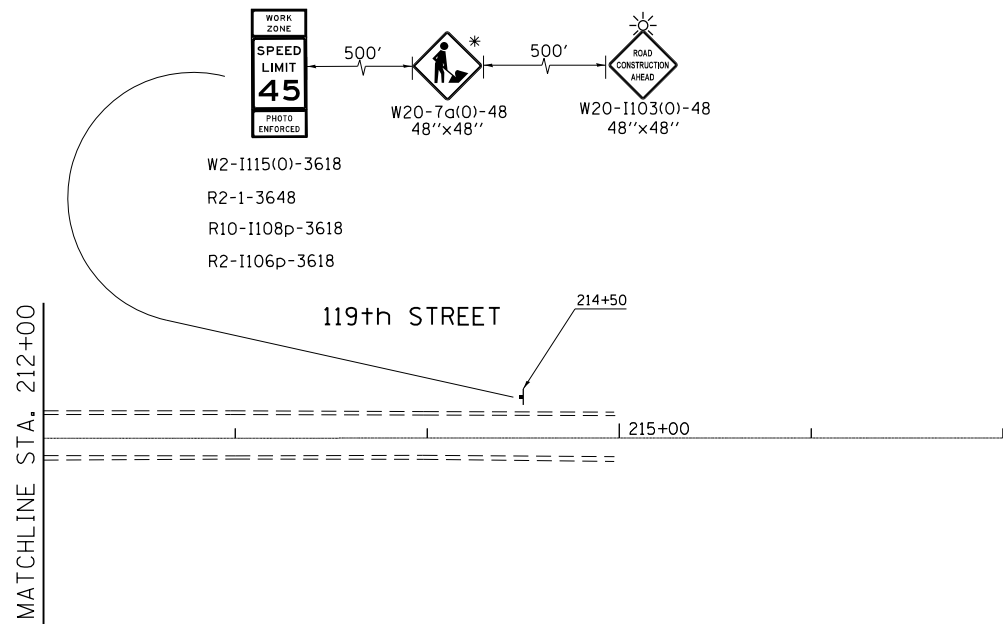
SCALE: 1"=50' SHEET OF SHEETS STA. 492+50 TO STA. 507+30

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	29
CONTRACT NO. 62B60			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = rostowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED CONSTRUCTION STAGING, STAGE II U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED -	REVISED -			349	15N-6	WILL	98	30	
		DATE -	REVISED -			CONTRACT NO. 62B60					
						ILLINOIS FED. AID PROJECT					

SCALE: 1"=50' SHEET OF SHEETS STA. 188+70 TO STA. 197+00



LEGEND

- SIGN(S)
- DOUBLE VERTICAL PANEL WITH BIDIRECTIONAL STEADY BURN LIGHT @ 50' C
- DRUMS OR BARRICADES WITH STEADY BURN BI-DIRECTIONAL LIGHTS
- 20' C-C TAPERS
- 50' C-C TANGENTS
- 10' C-C RADII (TYP.)
- TRAFFIC FLOW DIRECTION
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR (NARROW, FULLY REDIRECTIVE) TEST LEVEL 3
- * TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE
- WORK AREA
- TEMPORARY PAVEMENT

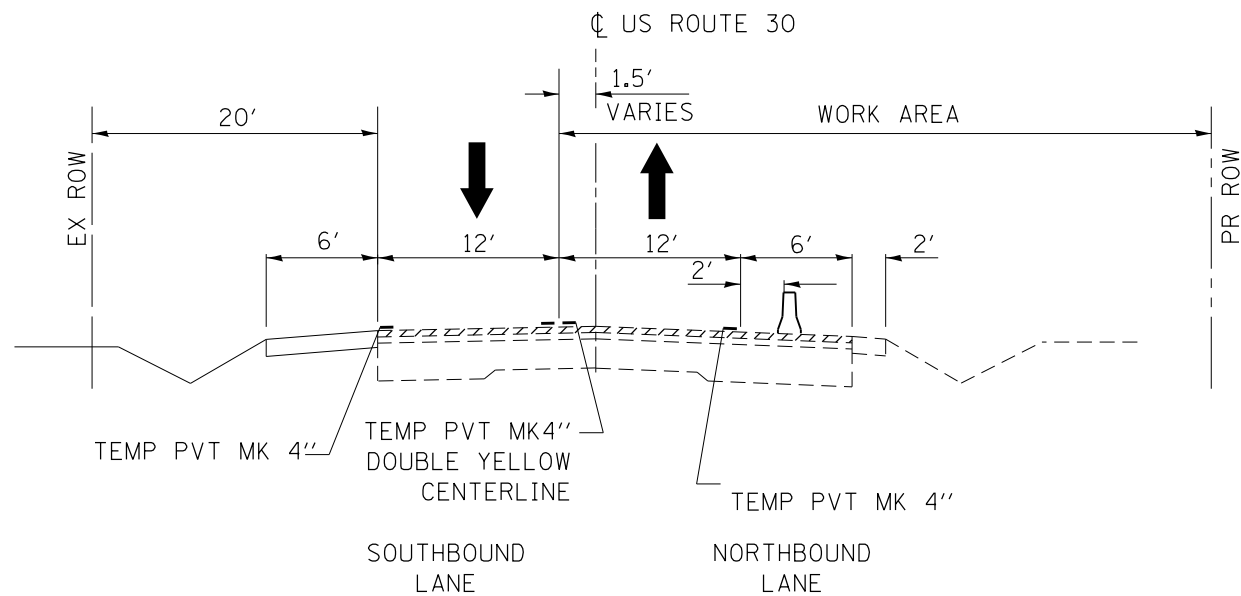
FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION STAGING, STAGE II
U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.**

SCALE: 1"=50' SHEET OF SHEETS STA. 197+00 TO STA. 210+20

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62B60	



**US ROUTE 30 (LINCOLN HIGHWAY)
STA. 487+00 TO STA. 507+30**

MOTORIST NOTIFICATION FOR TURNING ON NEW TRAFFIC SIGNALS
2 WEEKS PRIOR TO SCHEDULED SIGNAL TURN-ON:

PLACE A CHANGEABLE MESSAGE SIGNS (CMS) ON EACH MAINLINE APPROACH TO THE INTERSECTION WHICH READS:



ON THE DAY OF THE TURN-ON, CHANGE MESSAGES TO READ:



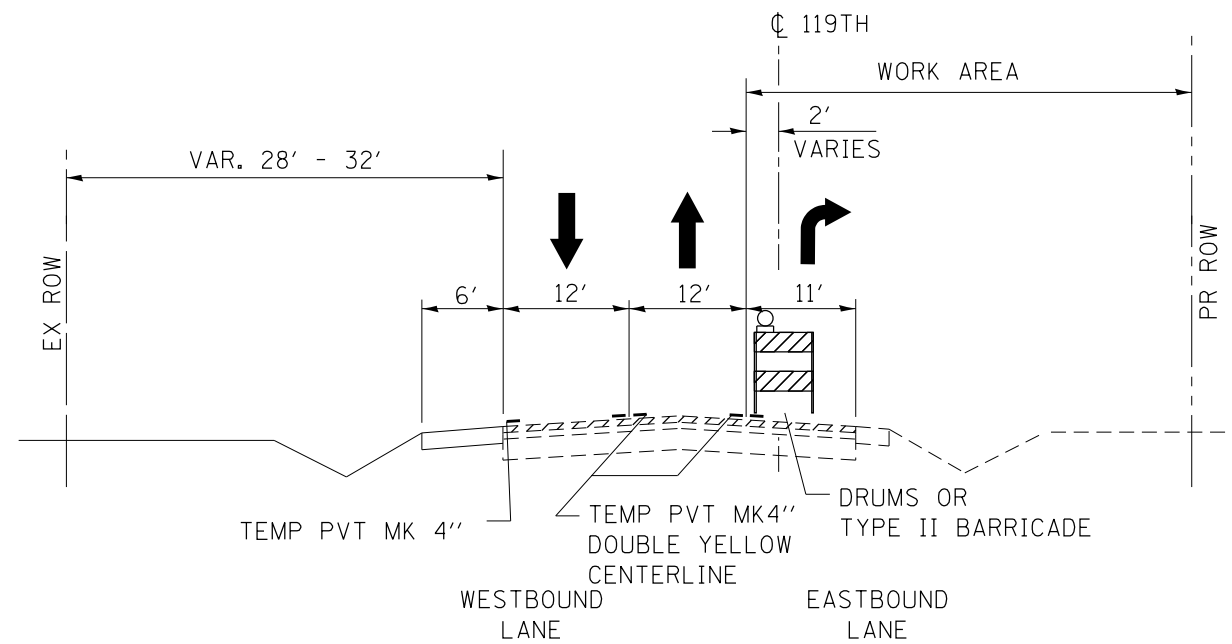
OVERSIZED YELLOW W3-3 SIGNAL AHEAD WARNING SIGNS SHALL BE PLACED ON EACH MAINLINE APPROACH TO THE INTERSECTION, EACH WITH A W16-15P "NEW" PLAQUE MOUNTED ABOVE THEM WITH A TEMPORARY POST EXTENSION ON IT, AND AN 18"X 18" ORANGE FLAG MOUNTED ON THE TRAFFIC SIDE OF EACH "NEW" PLAQUE.

THE TEMPORARY WARNING DEVICES AND SIGN ACCESSORIES SHALL BE REMOVED IN THE FOLLOWING ORDER:

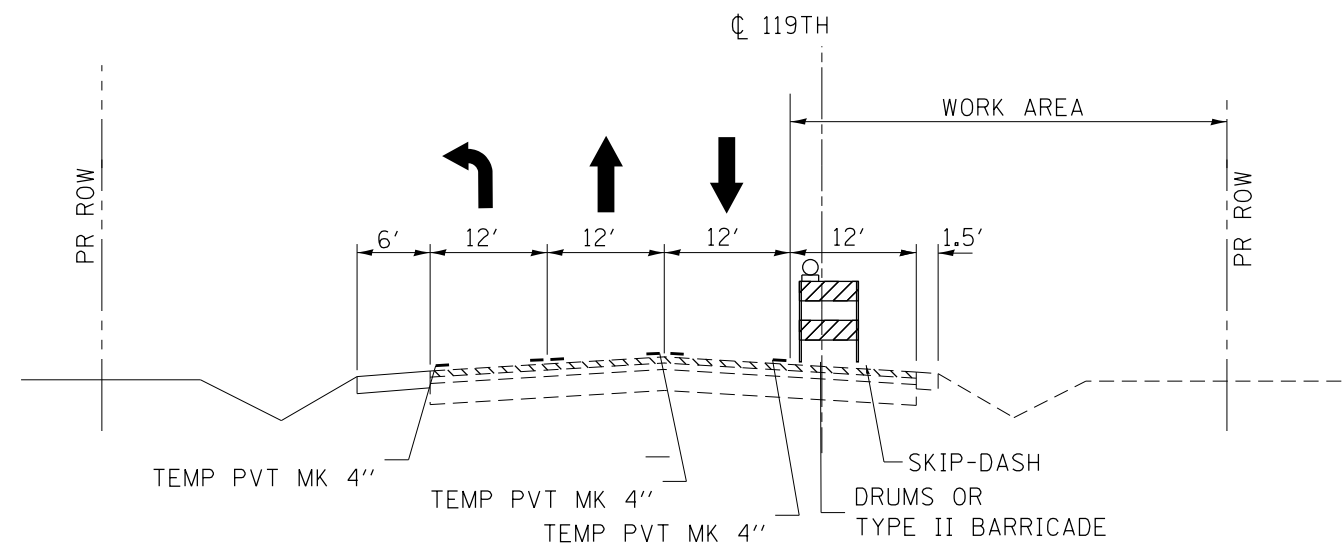
- CHANGEABLE MESSAGE SIGNS - 2 WEEKS AFTER SIGNAL TURN-ON
- W16-15P "NEW" PLAQUES - 4 WEEKS AFTER SIGNAL TURN -ON
- ORANGE FLAGS - 2 MONTHS AFTER SIGNAL TURN-ON

-IF THE W3-3 SIGNAL AHEAD WARNING ARE NOT WARRANTED BY THE MUTCD (THIS DETERMINATION SHALL BE MADE SOLELY BY THE AREA TRAFFIC FIELD ENGINEER/TECHNICIAN), THEN THEY SHALL BE REMOVED AS WELL AFTER A PERIOD OF 2 MONTHS FOLLOWING THE SIGNAL TURN-ON

CHANGEABLE MESSAGE SIGNS, W3-3 SIGNAL AHEAD SIGNS, "NEW" PLAQUES, AND FLAGS SHOULD ALL BE PROVIDED IN THE CONTRACT. SEQUENTIAL REMOVAL OF THESE ITEMS SHOULD BE PERFORMED BY THE IDOT SIGN SHOP. INTALLATION OF THE W3-3 & W16-15 SIGN ASSEMBLIES SHALL BE COVERED UNTIL THE DAY OF THE TRAFFIC SIGNAL.



**119TH STREET
STA. 190+00 TO STA. 200+00**



**119TH STREET
STA. 200+00 TO STA. 209+50**

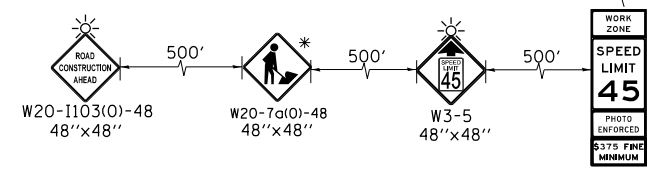
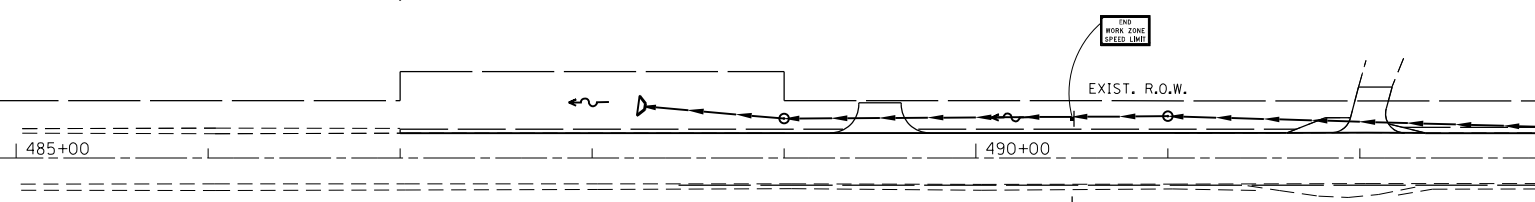
SIGNS "CAUTION NEW LANES STOP HERE" SHALL BE INSTALLED IN LINE WITH THE STOP BARS.

FILE NAME =	USER NAME = rostowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS FOR SUGGESTED CONSTRUCTION STAGE III U.S. ROUTE 30 AT 119TH ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-sht-cover.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -					349	15N-6	WILL	98	32
Default	PLOT DATE = 2/15/2017	DATE -	REVISED -		CONTRACT NO. 62B60			ILLINOIS FED. AID PROJECT				
					SCALE: NONE	SHEET	OF	SHEETS	STA.	TO	STA.	

**PROJECT BEGINS
STA. 487 + 00**

U.S. ROUTE 30
(LINCOLN HIGHWAY)

MATCHLINE STA. 493+00

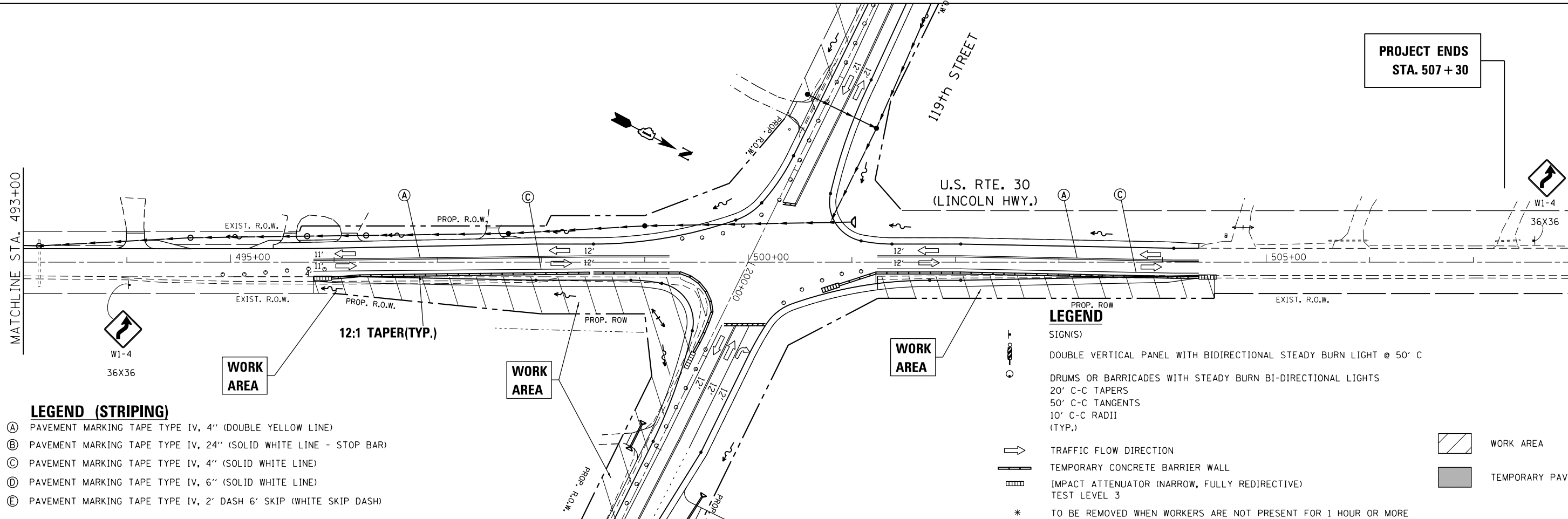


W2-1115(0)-3618
R2-1-3648
R10-1108p-3618
R2-1106p-3618

**PROJECT ENDS
STA. 507 + 30**

MATCHLINE STA. 508+00

MATCHLINE STA. 493+00

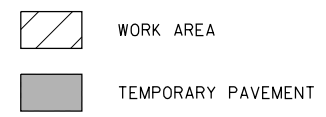


LEGEND (STRIPING)

- (A) PAVEMENT MARKING TAPE TYPE IV, 4" (DOUBLE YELLOW LINE)
- (B) PAVEMENT MARKING TAPE TYPE IV, 24" (SOLID WHITE LINE - STOP BAR)
- (C) PAVEMENT MARKING TAPE TYPE IV, 4" (SOLID WHITE LINE)
- (D) PAVEMENT MARKING TAPE TYPE IV, 6" (SOLID WHITE LINE)
- (E) PAVEMENT MARKING TAPE TYPE IV, 2' DASH 6' SKIP (WHITE SKIP DASH)

LEGEND

- (SIGN(S))
- DOUBLE VERTICAL PANEL WITH BIDIRECTIONAL STEADY BURN LIGHT @ 50' C
- DRUMS OR BARRICADES WITH STEADY BURN BI-DIRECTIONAL LIGHTS
- 20' C-C TAPERS
- 50' C-C TANGENTS
- 10' C-C RADII (TYP.)
- TRAFFIC FLOW DIRECTION
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR (NARROW, FULLY REDIRECTIVE)
- TEST LEVEL 3
- * TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE



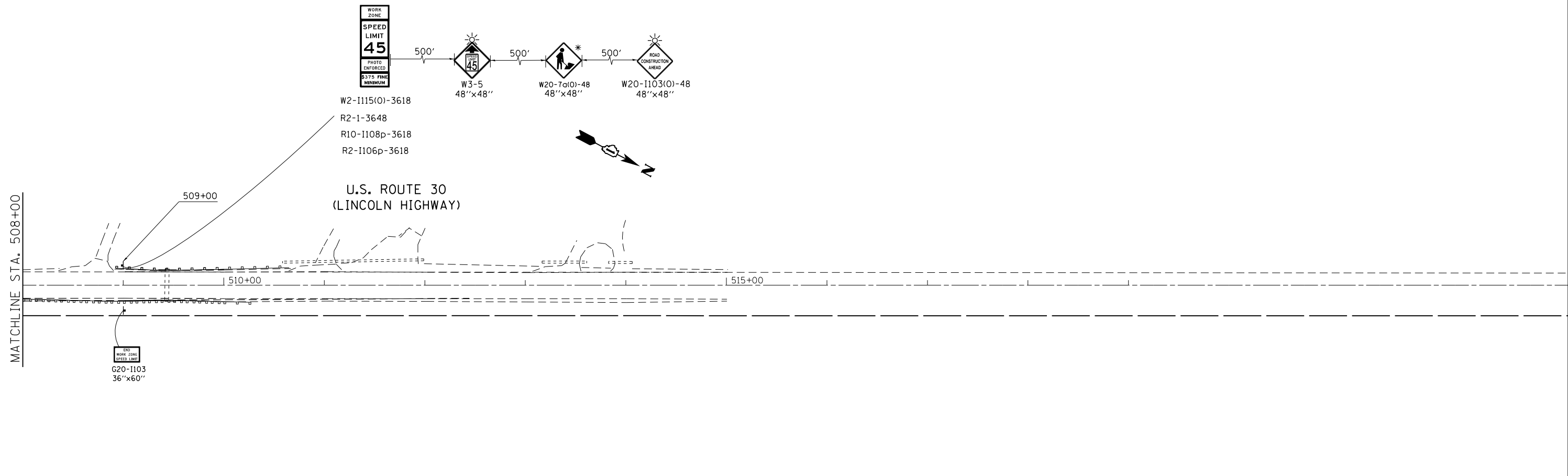
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION STAGING, STAGE III
U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.**

SCALE: 1"=50' SHEET OF SHEETS STA. 487+00 TO STA. 492+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	33
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				



LEGEND (STRIPING)

- (A) PAVEMENT MARKING TAPE TYPE IV, 4" (DOUBLE YELLOW LINE)
- (B) PAVEMENT MARKING TAPE TYPE IV, 24" (SOLID WHITE LINE - STOP BAR)
- (C) PAVEMENT MARKING TAPE TYPE IV, 4" (SOLID WHITE LINE)
- (D) PAVEMENT MARKING TAPE TYPE IV, 6" (SOLID WHITE LINE)
- (E) PAVEMENT MARKING TAPE TYPE IV, 2' DASH 6' SKIP (WHITE SKIP DASH)

LEGEND

- SIGN(S)
- DOUBLE VERTICAL PANEL WITH BIDIRECTIONAL STEADY BURN LIGHT @ 50' C
- DRUMS OR BARRICADES WITH STEADY BURN BI-DIRECTIONAL LIGHTS
- 20' C-C TAPERS
- 50' C-C TANGENTS
- 10' C-C RADII (TYP.)
- TRAFFIC FLOW DIRECTION
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR (NARROW, FULLY REDIRECTIVE) TEST LEVEL 3
- * TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE
- WORK AREA
- TEMPORARY PAVEMENT

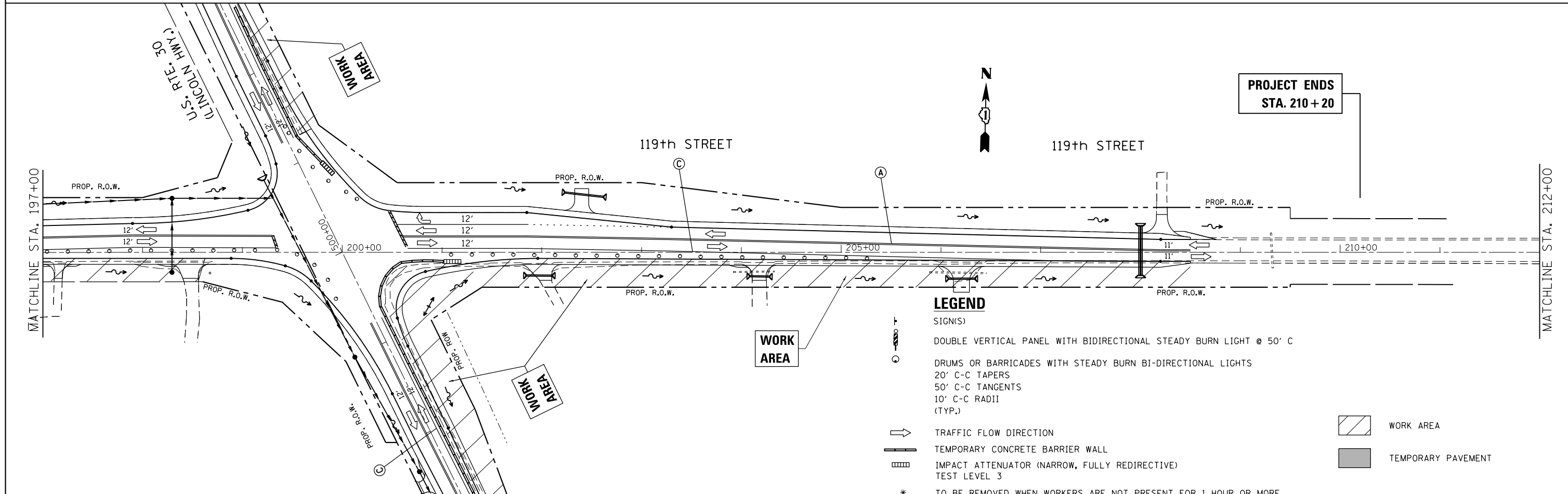
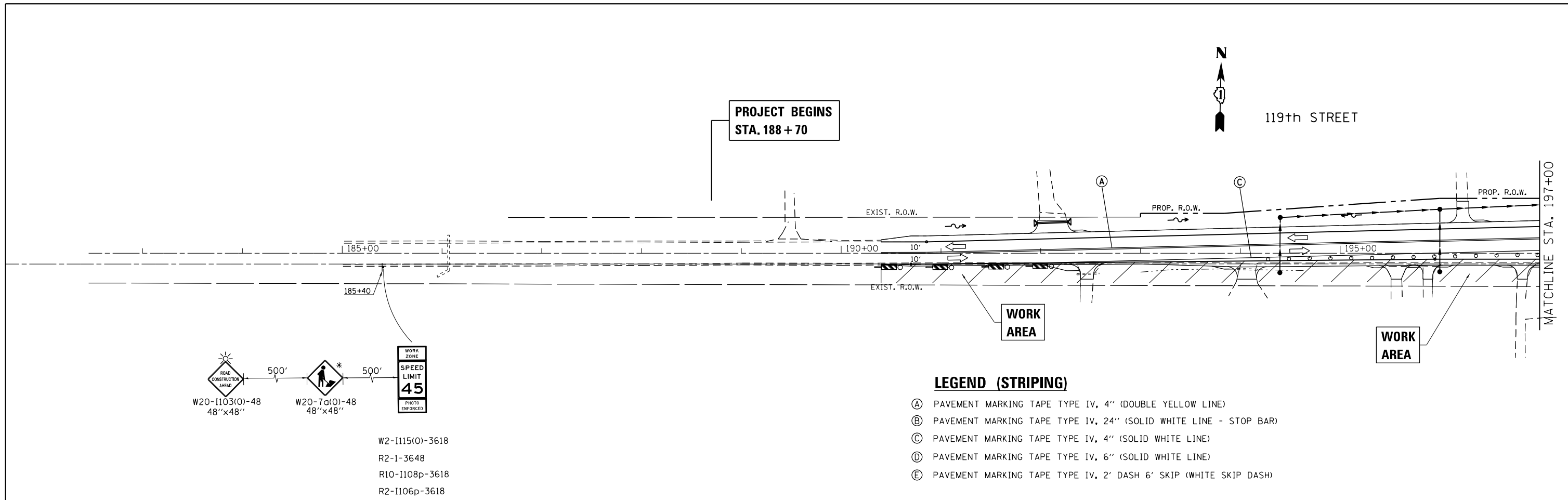
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

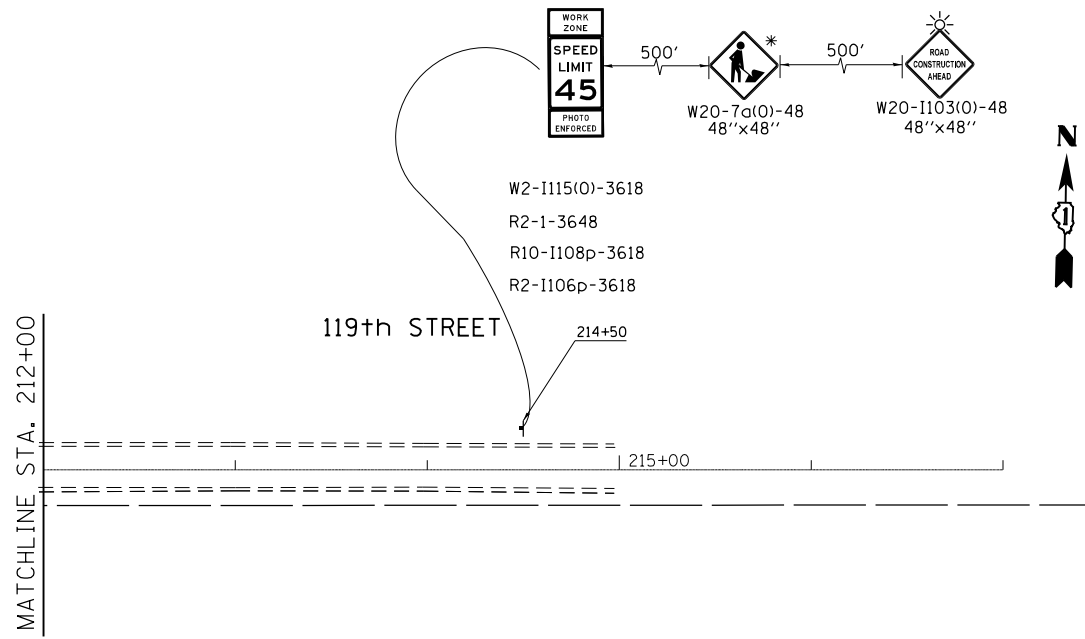
**SUGGESTED CONSTRUCTION STAGING, STAGE III
U.S. RTE 30 (LINCOLN HWY.) AT 119TH ST.**

SCALE: 1"=50' SHEET OF SHEETS STA. 492+50 TO STA. 507+30

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	34
CONTRACT NO. 62B60			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED CONSTRUCTION STAGING, STAGE III U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			349	15N-6	WILL	98	35
		DATE -	REVISED -			CONTRACT NO. 62B60				
Default	PLOT DATE = 2/15/2017			SCALE: 1"=50'	SHEET OF SHEETS	STA. 188+70	TO STA. 197+00		ILLINOIS FED. AID PROJECT	



LEGEND (STRIPING)

- (A) PAVEMENT MARKING TAPE TYPE IV, 4" (DOUBLE YELLOW LINE)
- (B) PAVEMENT MARKING TAPE TYPE IV, 24" (SOLID WHITE LINE - STOP BAR)
- (C) PAVEMENT MARKING TAPE TYPE IV, 4" (SOLID WHITE LINE)
- (D) PAVEMENT MARKING TAPE TYPE IV, 6" (SOLID WHITE LINE)
- (E) PAVEMENT MARKING TAPE TYPE IV, 2' DASH 6' SKIP (WHITE SKIP DASH)

LEGEND

- SIGN(S)
- DOUBLE VERTICAL PANEL WITH BIDIRECTIONAL STEADY BURN LIGHT @ 50' C
- DRUMS OR BARRICADES WITH STEADY BURN BI-DIRECTIONAL LIGHTS
20' C-C TAPERS
50' C-C TANGENTS
10' C-C RADII
(TYP.)
- TRAFFIC FLOW DIRECTION
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR (NARROW, FULLY REDIRECTIVE)
TEST LEVEL 3
- WORK AREA
- TEMPORARY PAVEMENT
- * TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE

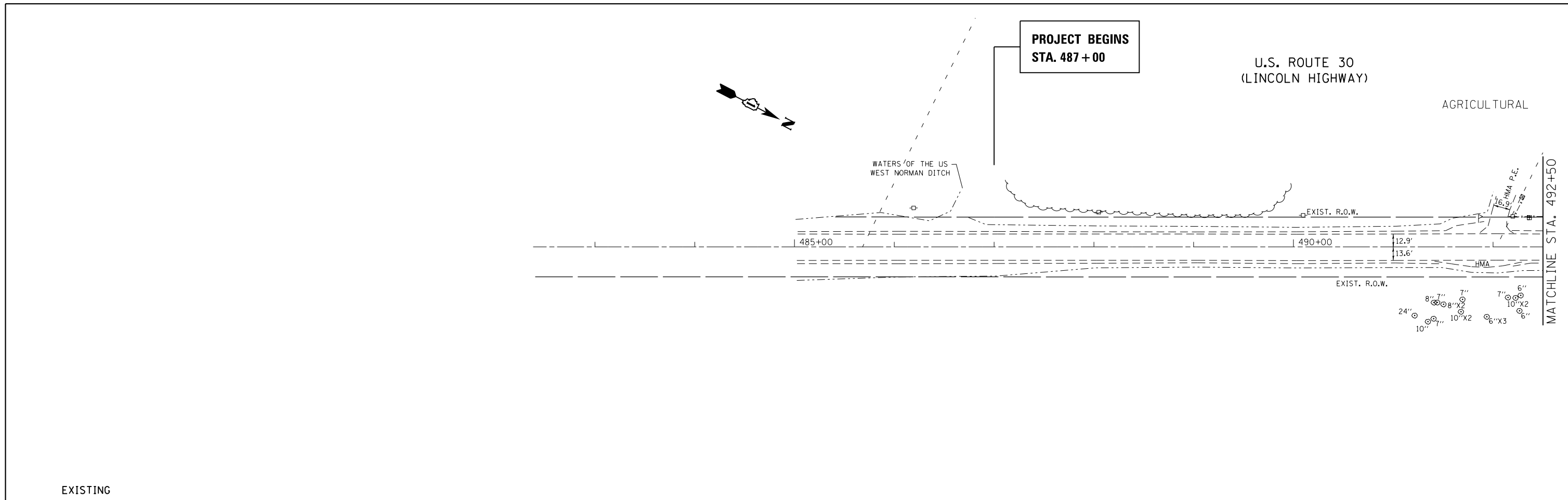
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

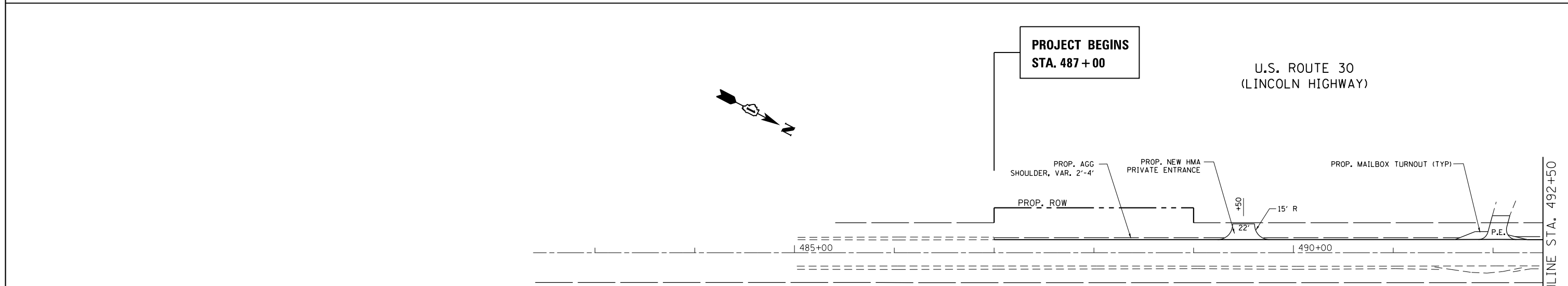
**SUGGESTED CONSTRUCTION STAGING, STAGE III
U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.**

SCALE: 1"=50' SHEET OF SHEETS STA. 197+00 TO STA. 210+20

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	36
				CONTRACT NO. 62B60
ILLINOIS FED. AID PROJECT				



EXISTING



PAVEMENT MARKING LEGEND

- ① 4" DOUBLE SOLID YELLOW \square , 11" C-C
- ② 4" SOLID WHITE EDGE LINE
- ③ 6" SOLID WHITE LINE (TURN LANE LINE)
- ④ 12" SOLID YELLOW DIAGONAL AT 45°, 50' C-C
- ⑤ 24" SOLID WHITE LINE (STOP BAR)
- ⑥ 6" WHITE 2' DASH 6' SKIP LINE
- ⑦ LETTERS AND SYMBOLS

NOTE:

ALL PAVEMENT MARKINGS SHALL BE PLACED ACCORDING TO IDOT'S DETAIL TC-13

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC MATERIAL

ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-11

PROPOSED

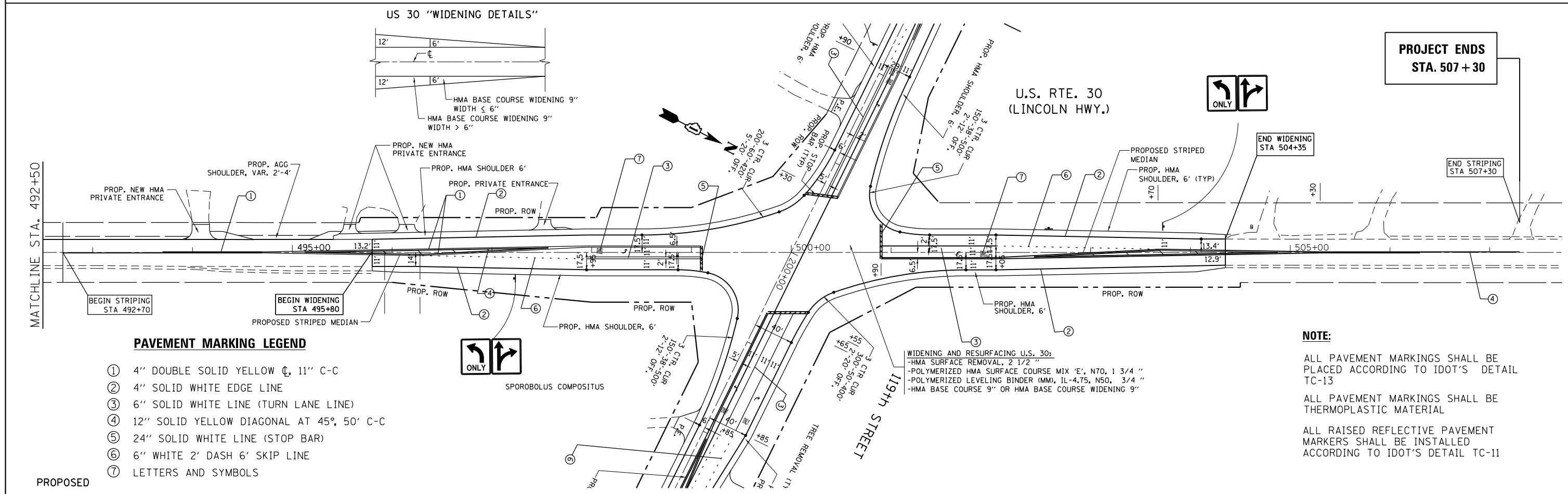
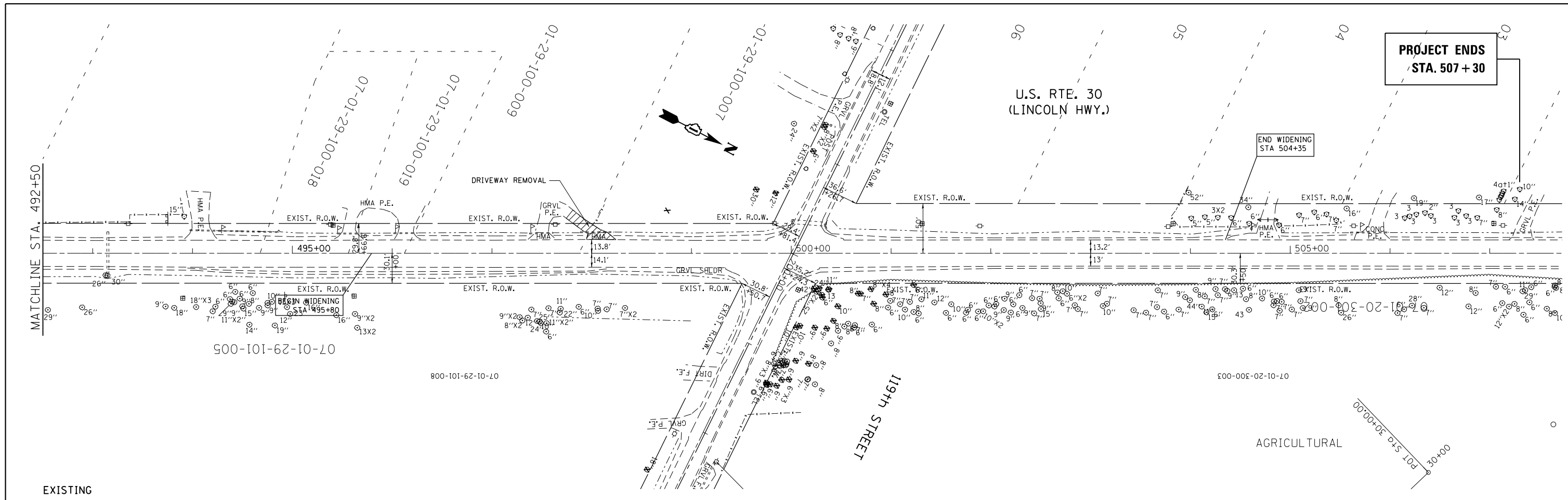
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Default	PLOT DATE = 2/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING & PROPOSED ROADWAY & PAVEMENT MARKING PLAN
U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.**

SCALE: 1"=50' SHEET OF SHEETS STA. 487+00 TO STA. 492+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	37
				CONTRACT NO. 62B60
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

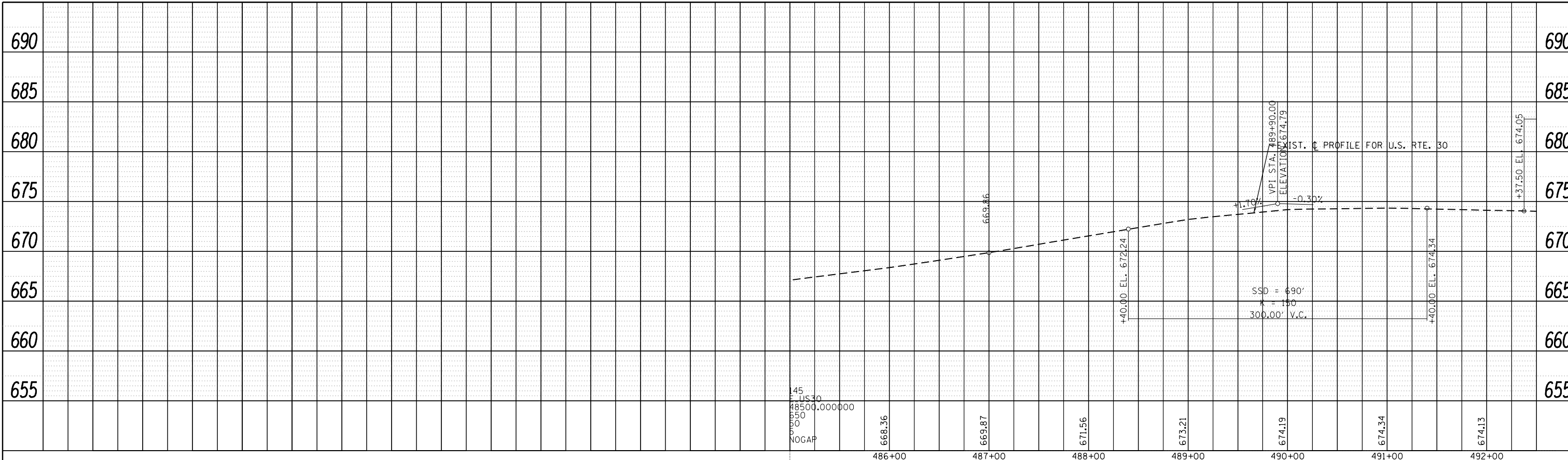
- ① 4" DOUBLE SOLID YELLOW \perp , 11" C-C
- ② 4" SOLID WHITE EDGE LINE
- ③ 6" SOLID WHITE LINE (TURN LANE LINE)
- ④ 12" SOLID YELLOW DIAGONAL AT 45°, 50' C-C
- ⑤ 24" SOLID WHITE LINE (STOP BAR)
- ⑥ 6" WHITE 2' DASH 6' SKIP LINE
- ⑦ LETTERS AND SYMBOLS

WIDENING AND RESURFACING U.S. 30:
 -HMA SURFACE REMOVAL, 2 1/2"
 -POLYMERIZED HMA SURFACE COURSE MIX 'E', N70, 1 3/4"
 -POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
 -HMA BASE COURSE 9" OR HMA BASE COURSE WIDENING 9"

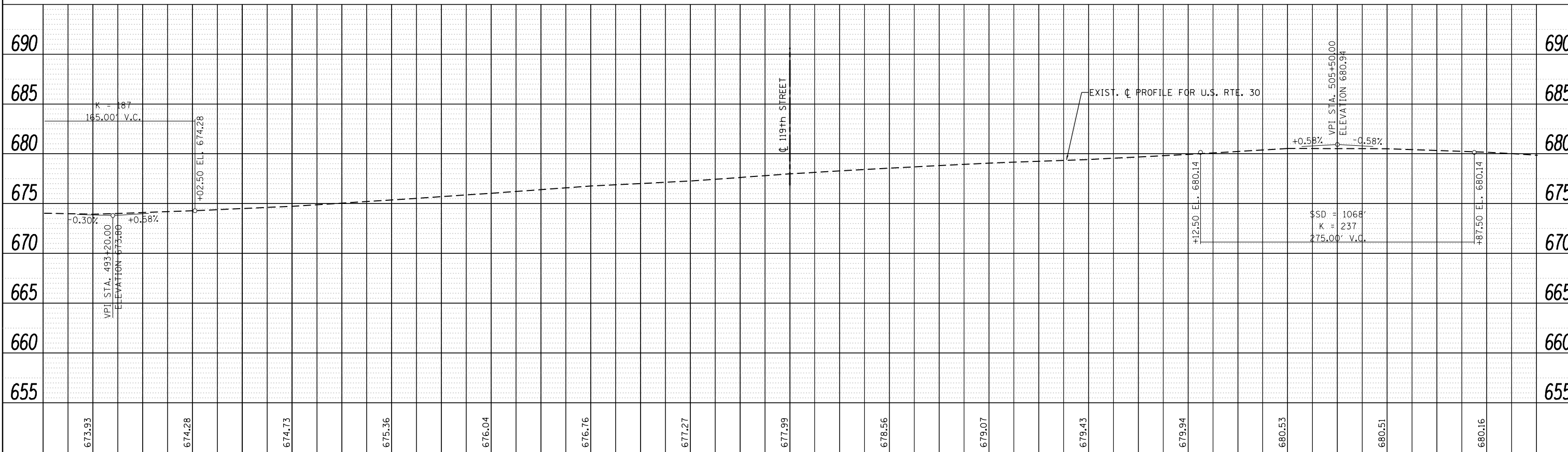
NOTE:
 ALL PAVEMENT MARKINGS SHALL BE PLACED ACCORDING TO IDOT'S DETAIL TC-13
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC MATERIAL
 ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-11

FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING & PROPOSED ROADWAY AND PAVEMENT MARKING PLAN U.S. RTE 30 (LINCOLN HWY.) AT 119TH ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 62B60				
Default						ILLINOIS FED. AID PROJECT				

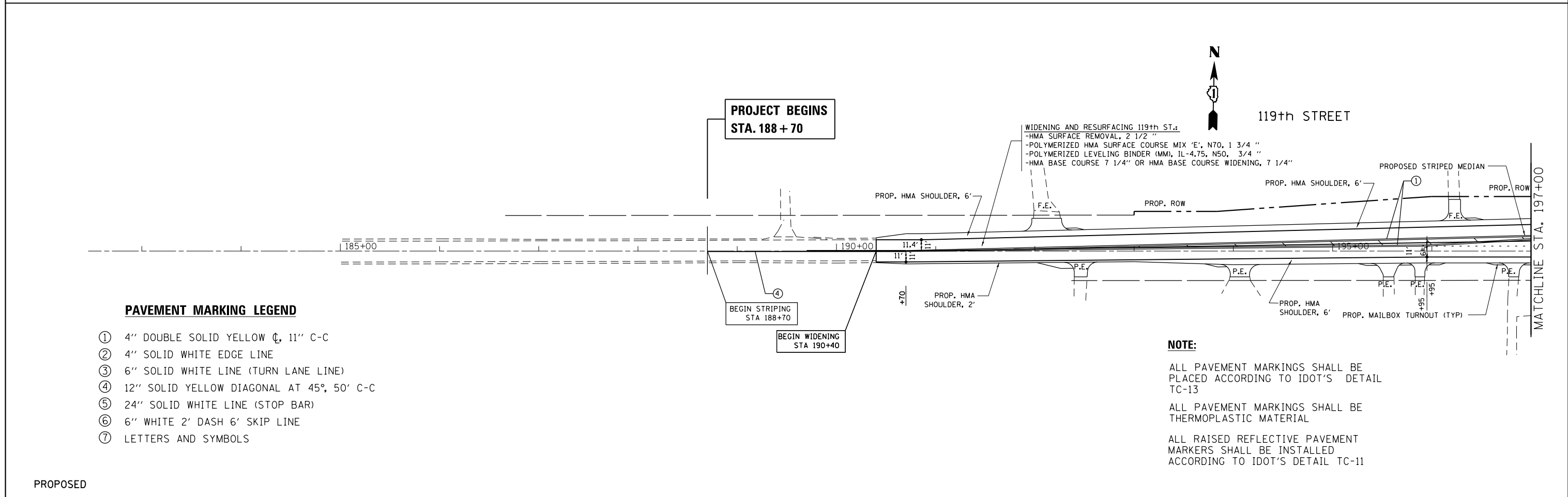
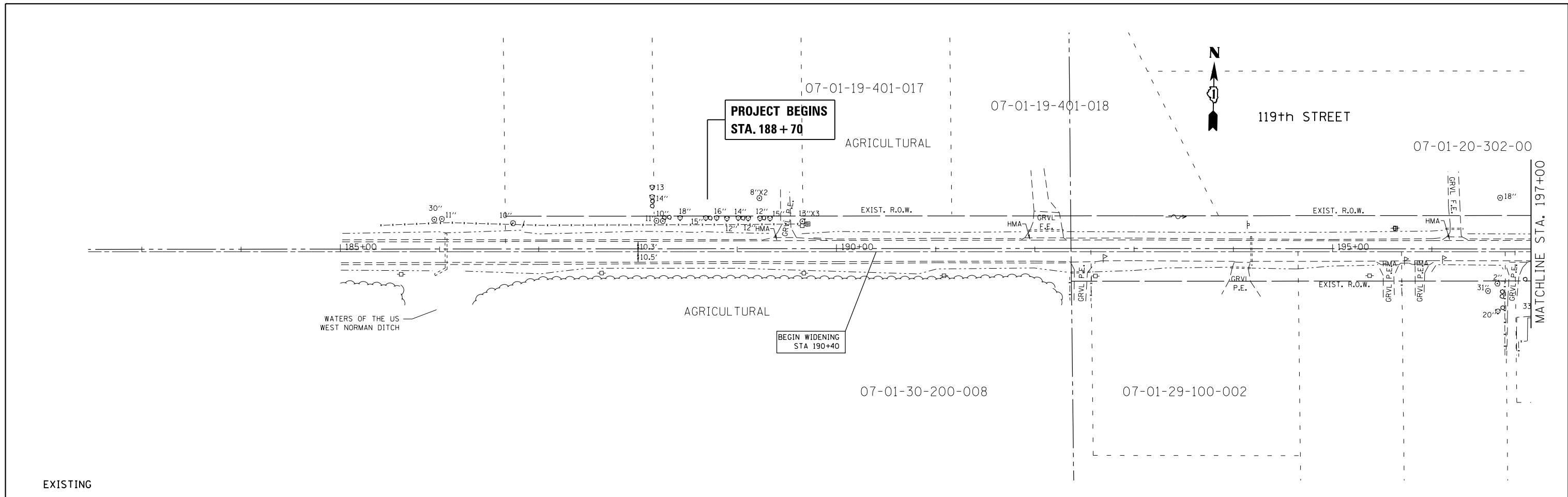
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	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	NOTE BOOK NO.		
	FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHECKED		
	NOTE BOOK NO.		
	FILE NAME		



FILE NAME =	USER NAME = rostkowskir	DESIGNED -	REVISIONS -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">EXISTING AND PROPOSED PROFILE U.S. RTE. 30 (LINCOLN HWY.) AT 119TH ST.</p>			F.A.P. RTE. 349	SECTION 15N-6	COUNTY WILL	TOTAL SHEETS 98	SHEET NO. 39	
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Default	PLOT DATE = 2/15/2017	DATE -	REVISIONS -										

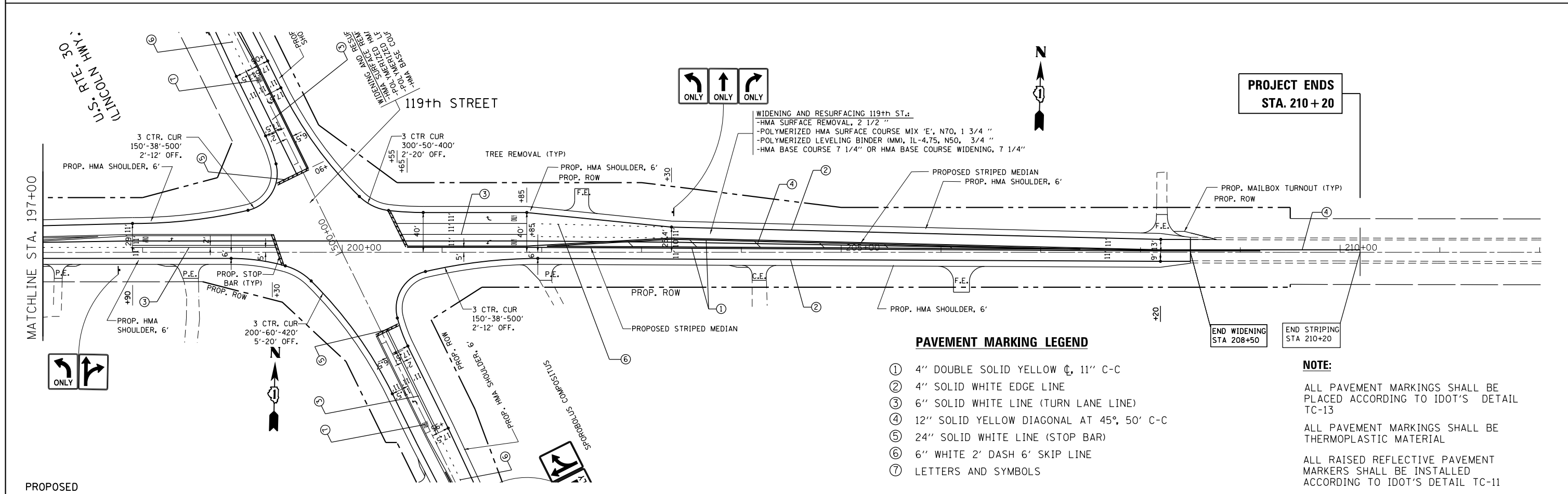
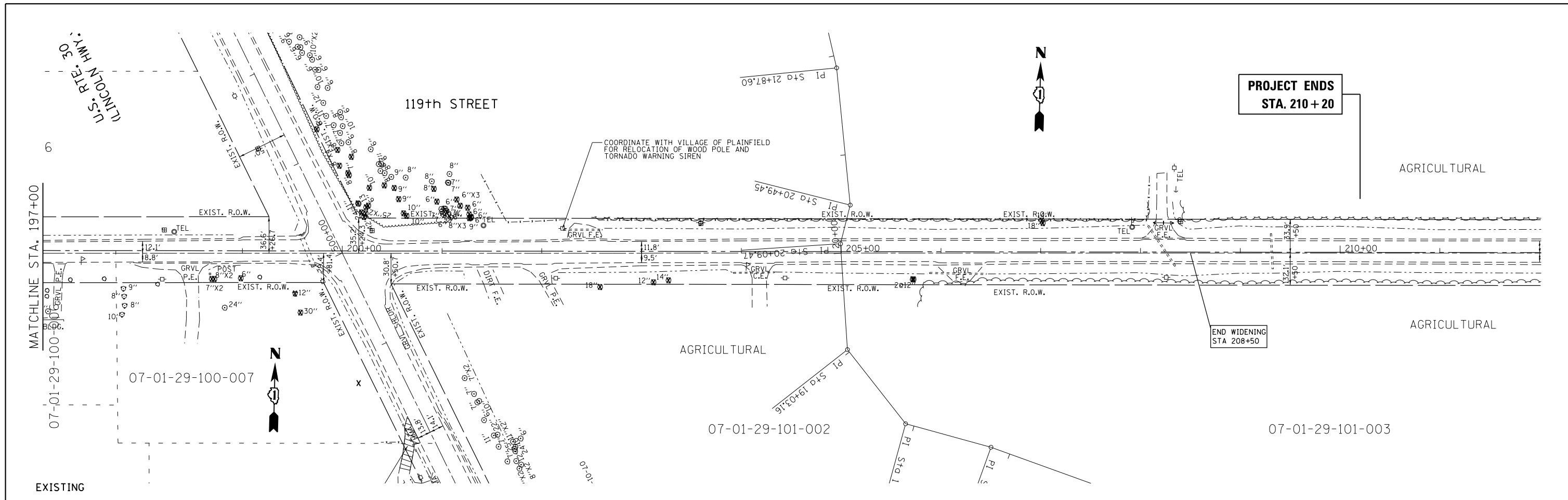


PAVEMENT MARKING LEGEND

- ① 4" DOUBLE SOLID YELLOW ϕ , 11" C-C
- ② 4" SOLID WHITE EDGE LINE
- ③ 6" SOLID WHITE LINE (TURN LANE LINE)
- ④ 12" SOLID YELLOW DIAGONAL AT 45°, 50' C-C
- ⑤ 24" SOLID WHITE LINE (STOP BAR)
- ⑥ 6" WHITE 2' DASH 6' SKIP LINE
- ⑦ LETTERS AND SYMBOLS

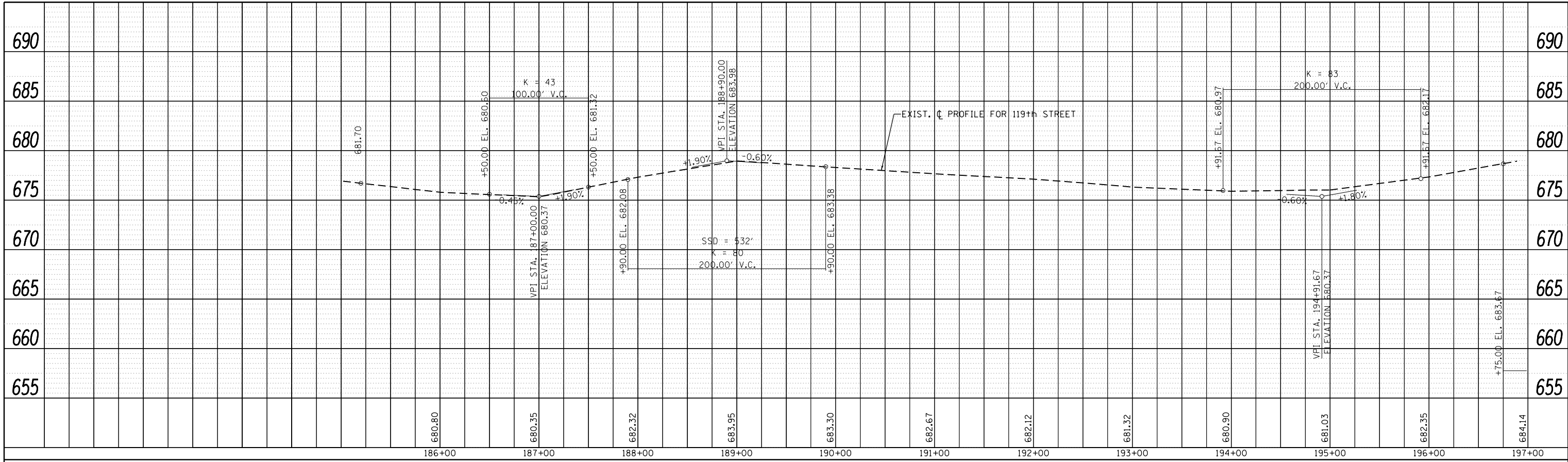
NOTE:
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 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC MATERIAL
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FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING & PROPOSED ROADWAY & PAVEMENT MARKING PLAN U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT DATE = 2/15/2017	DATE -	REVISED -			CONTRACT NO. 62B60				
						SCALE: 1"=50'	SHEET OF SHEETS		STA. 188+70 TO STA. 197+00	ILLINOIS FED. AID PROJECT

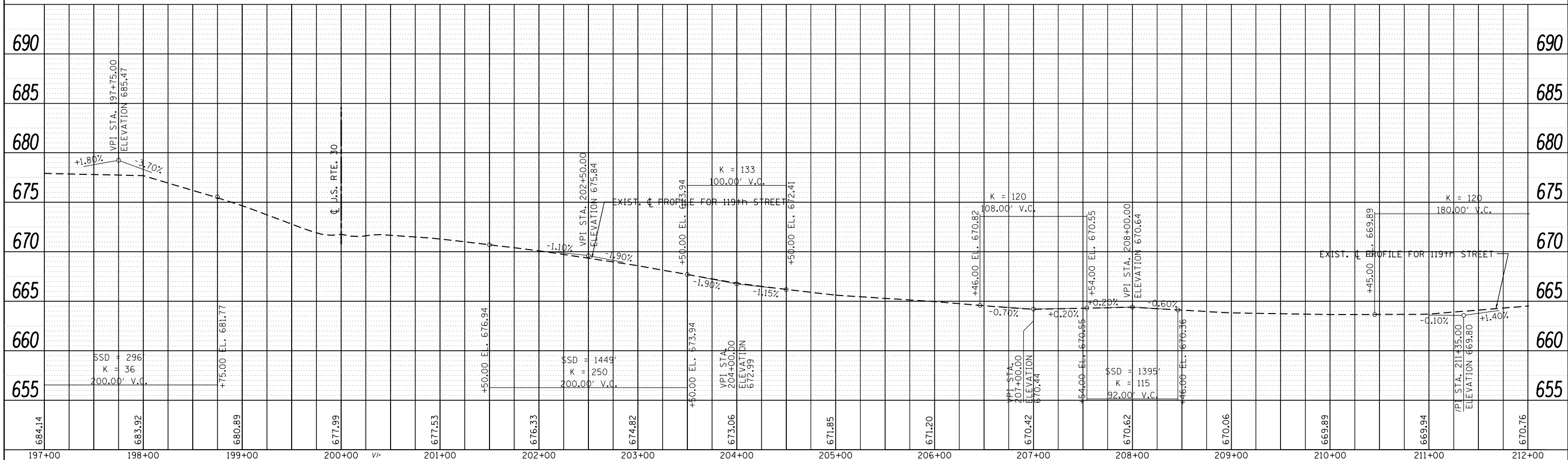


FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING & PROPOSED ROADWAY & PAVEMENT MARKING PLAN U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT DATE = 2/15/2017	DATE -	REVISED -			CONTRACT NO. 62B60				
						ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	CARD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK	
	NO.	
	CARD FILE NAME	



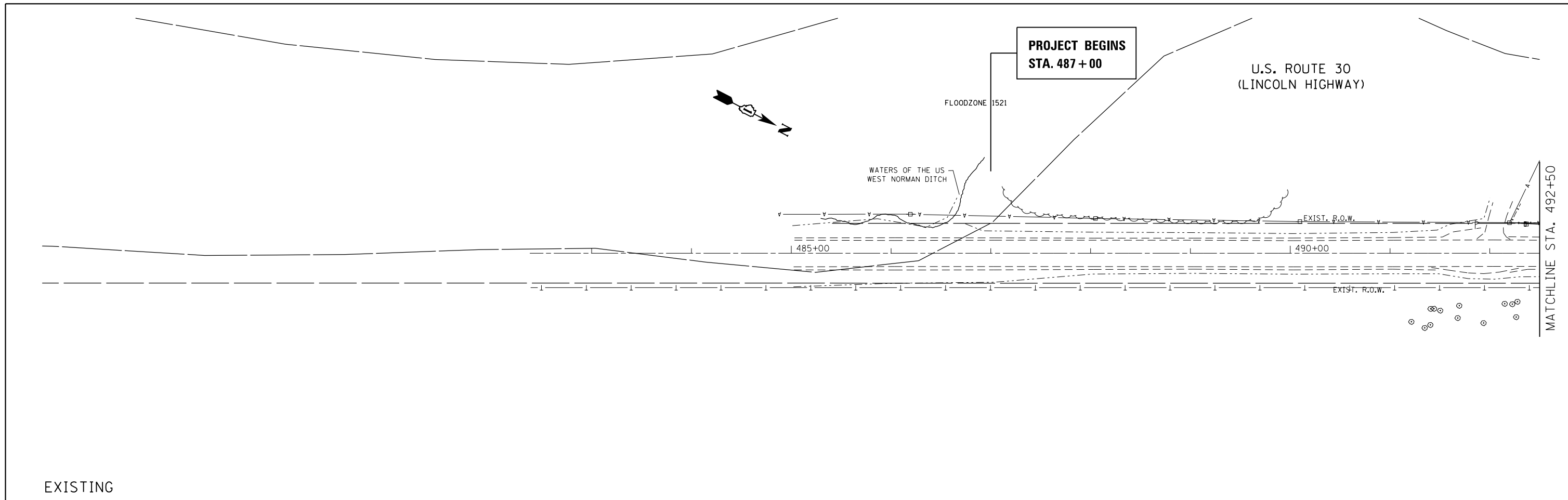
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

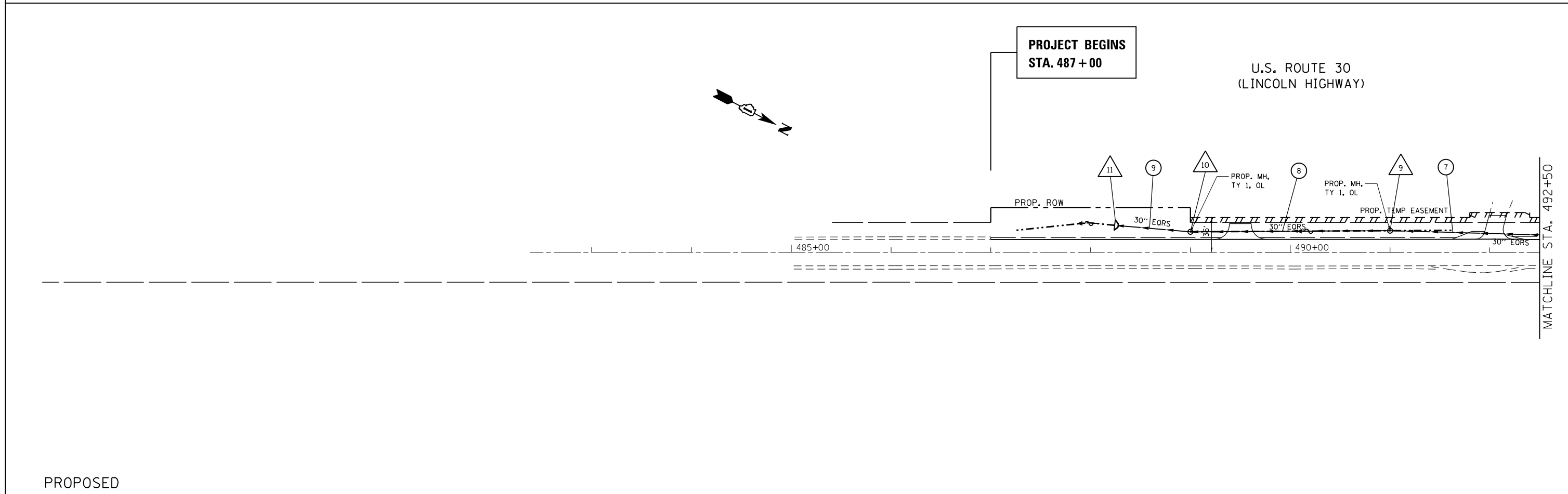
**EXISTING & PROPOSED PROFILE
U.S. ROUTE 30 (LINCOLN HWY.) AT 119TH ST.**

SCALE: 1"=50' SHEET OF SHEETS STA. 190+00 TO STA. 209+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-1	WILL	98	42
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				



EXISTING



PROPOSED

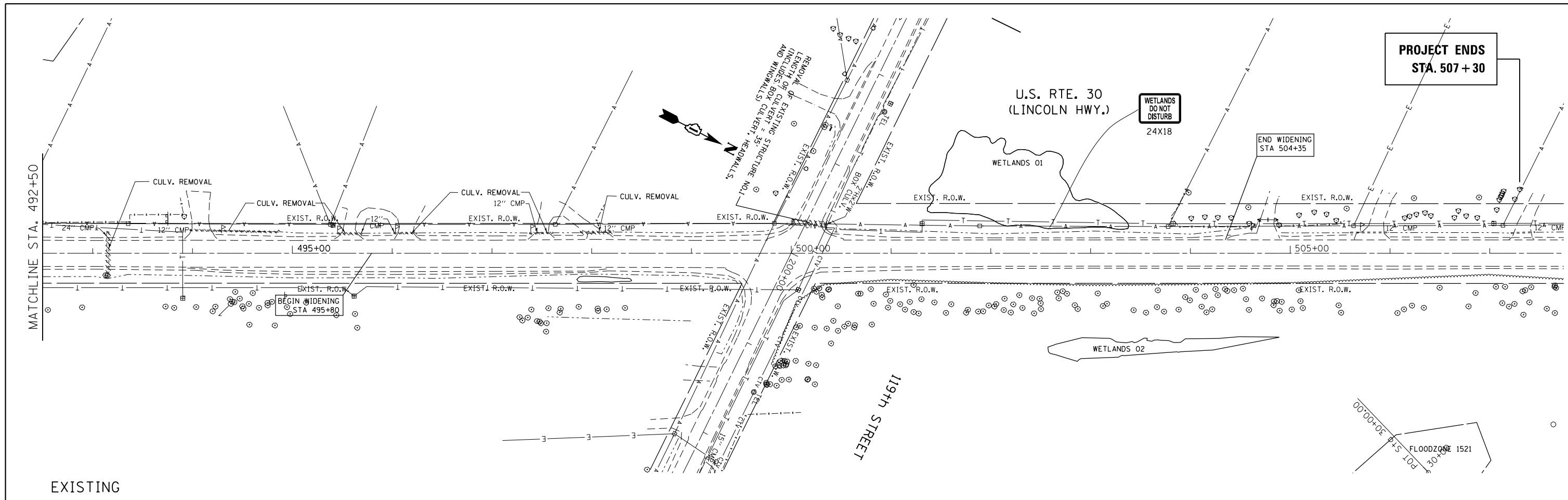
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Default	PLOT DATE = 2/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

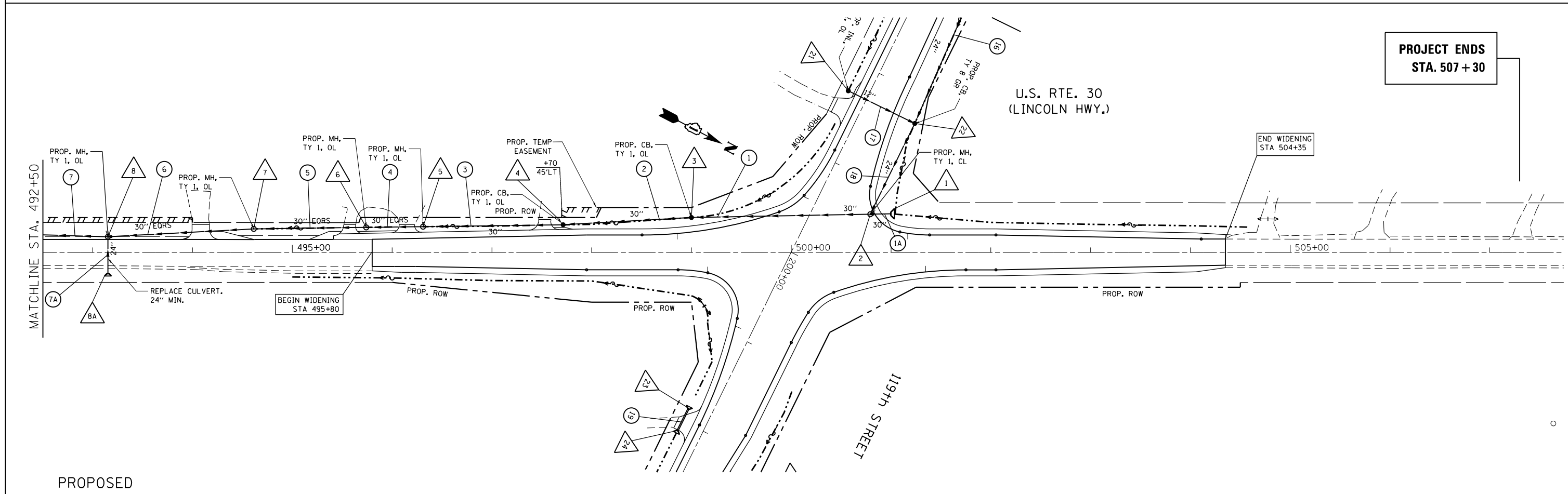
**EXISTING AND PROPOSED DRAINAGE AND UTILITY PLAN
U.S. RTE. 30 (LINCOLN HWY.) AT 119th ST.**

SCALE: 1"=50' SHEET OF SHEETS STA. 487+00 TO STA. 492+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	43
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				



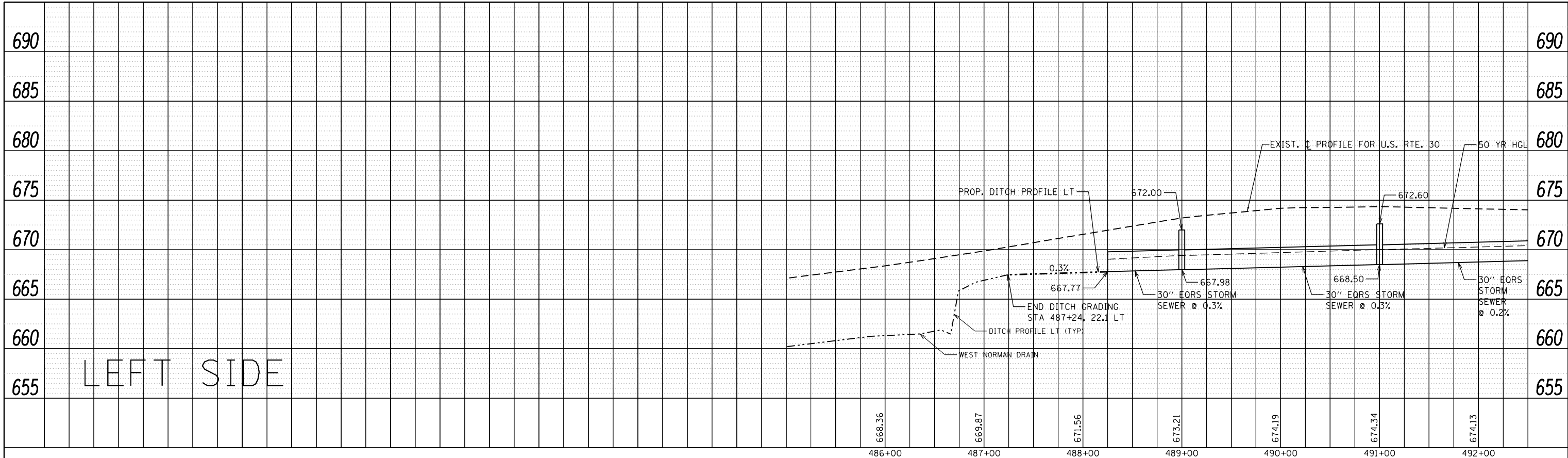
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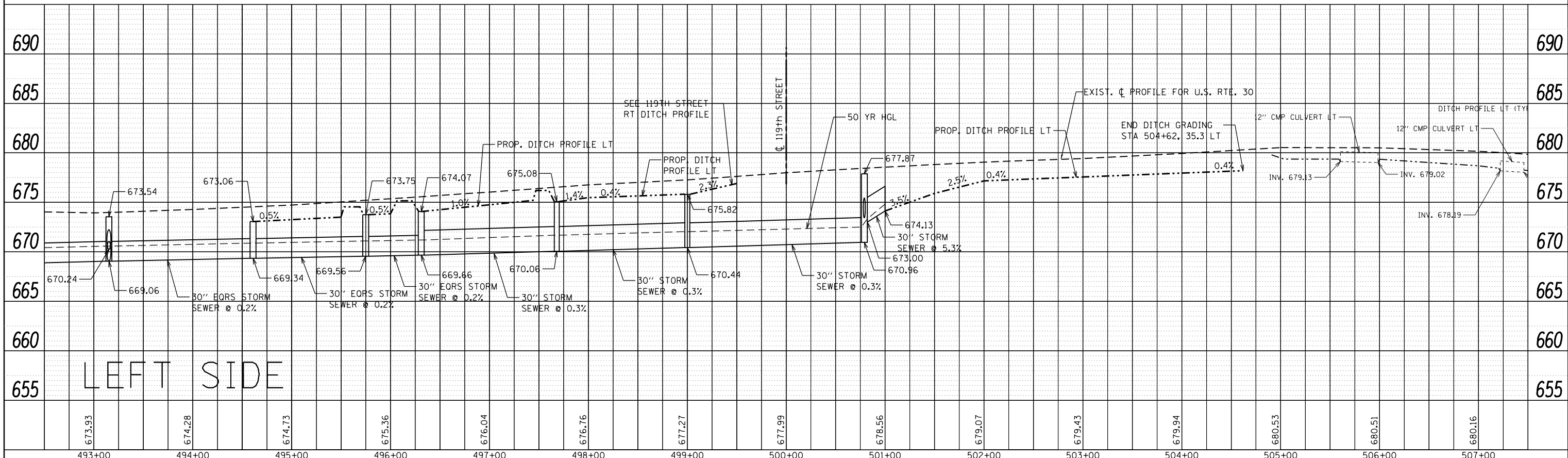
PROPOSED

FILE NAME =	USER NAME = rostowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED DRAINAGE AND UTILITY PLAN U.S. RTE. 30 (LINCOLN HWY.) AT 119th ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-sht-cover.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			349	15N-6	WILL	98	44
Default	PLOT DATE = 2/15/2017	DATE -	REVISED -			CONTRACT NO. 62B60				
						SCALE: 1"=50'	SHEET OF SHEETS STA. 492+50 TO STA. 507+30		ILLINOIS FED. AID PROJECT	

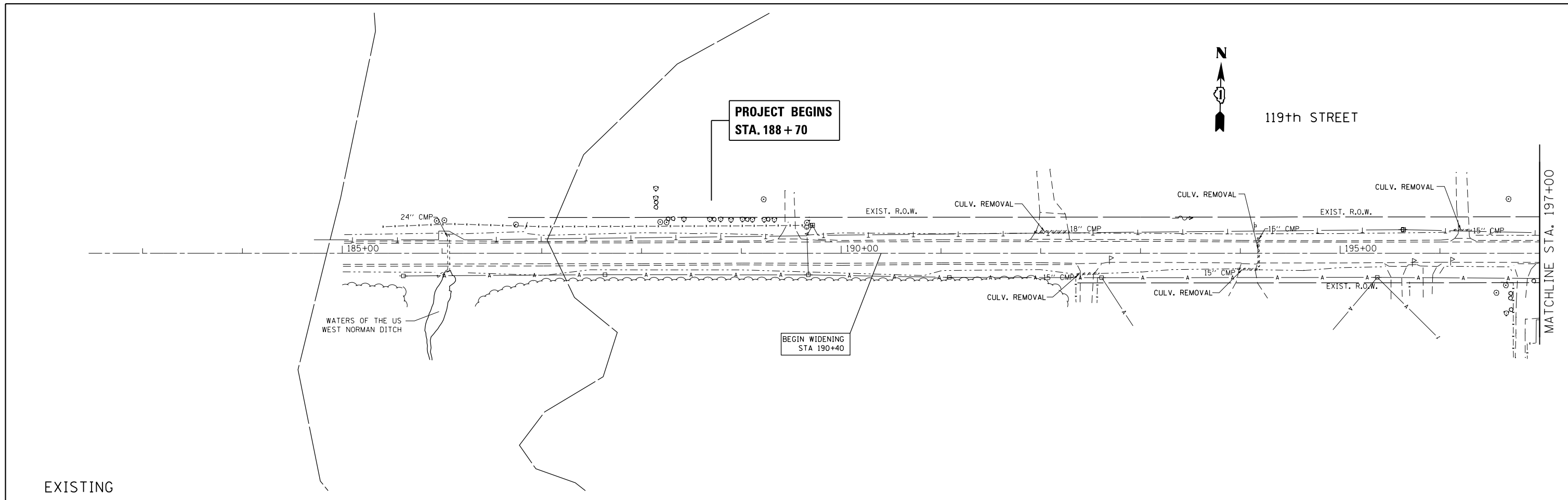
PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	FILE NAME	
	NO.	



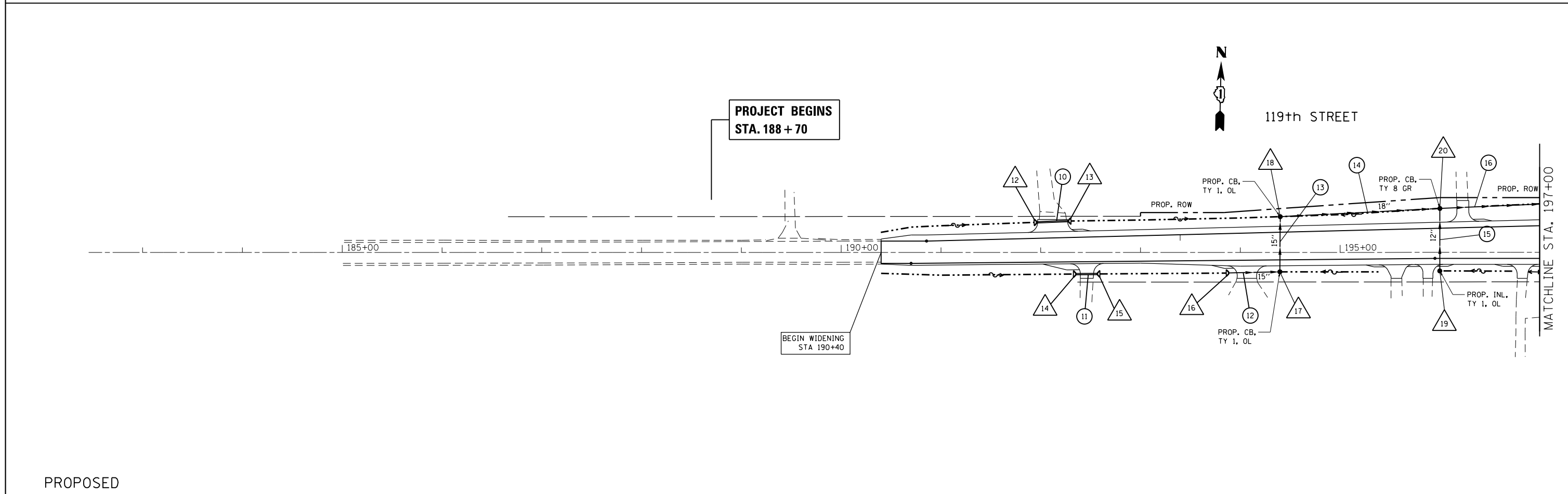
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



FILE NAME =	USER NAME = rostkowskir	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED DRAINAGE AND UTILITY PROFILE IL. RTE. 30 (LINCOLN HWY.) AT 119th ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			349	15N-6	WILL	98	46	
		CHECKED -	REVISED -			CONTRACT NO. 62B60					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



EXISTING



PROPOSED

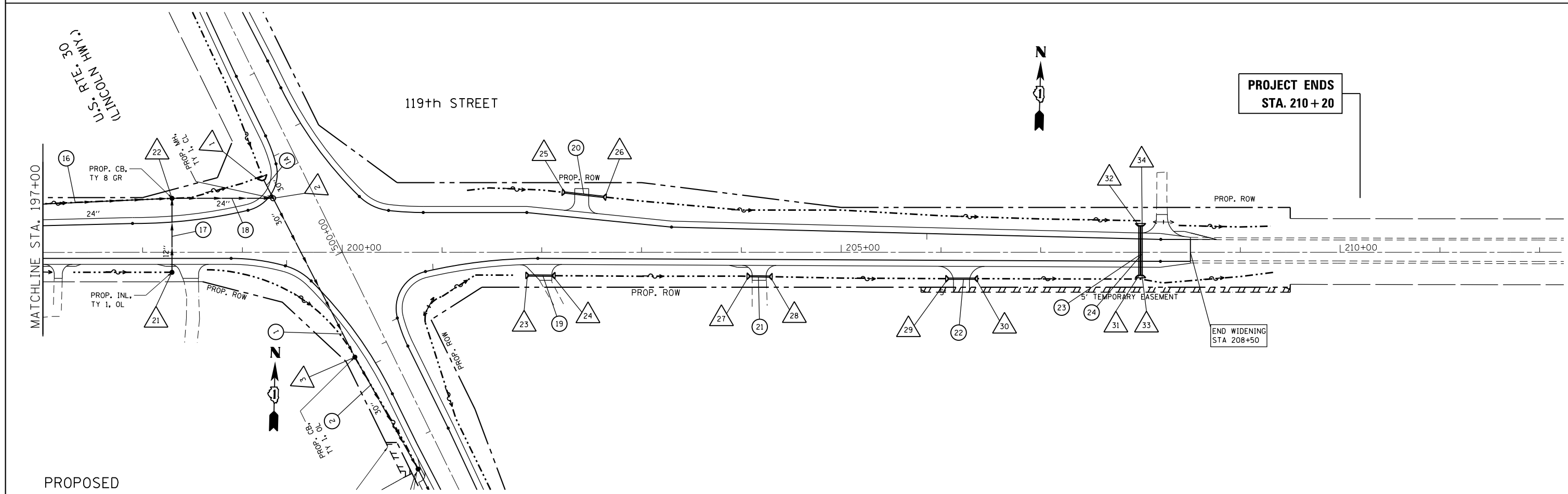
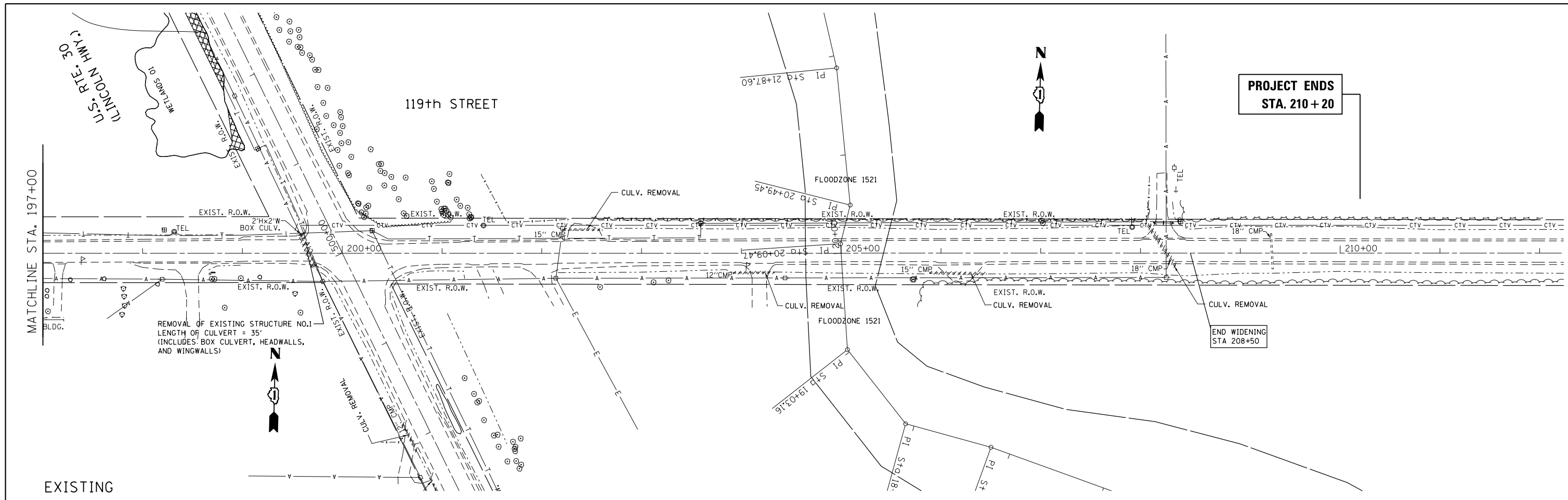
FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-shit-cover.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 2/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED DRAINAGE AND UTILITY PLAN
U.S. RTE. 30 (LINCOLN HWY.) AT 119th ST.**

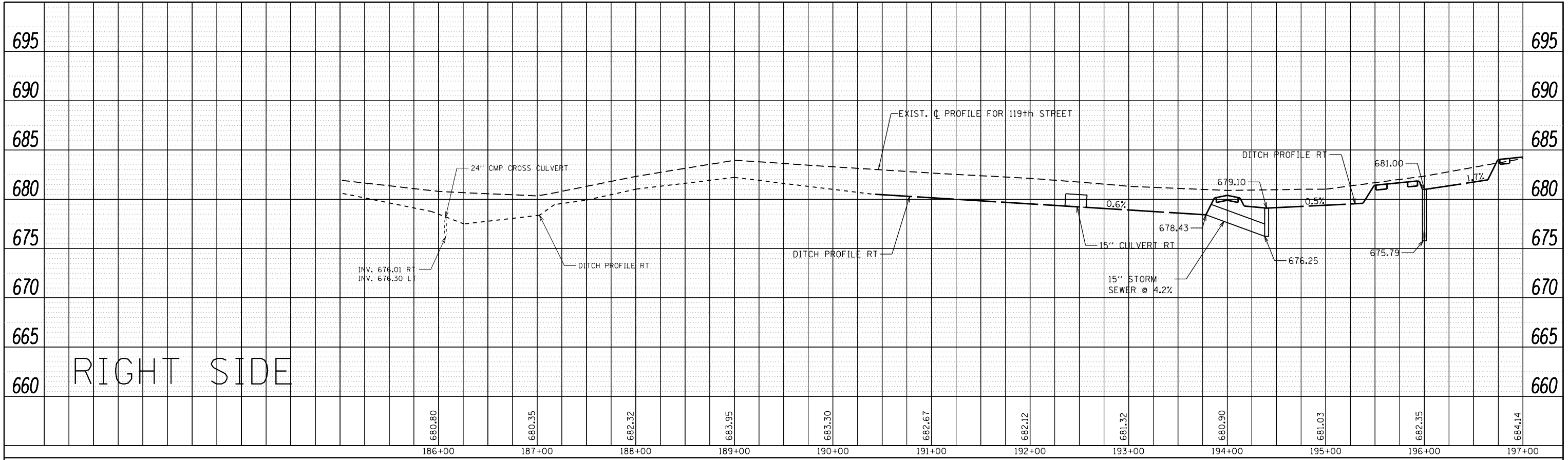
SCALE: 1"=50' SHEET OF SHEETS STA. 188+70 TO STA. 197+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	47
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				

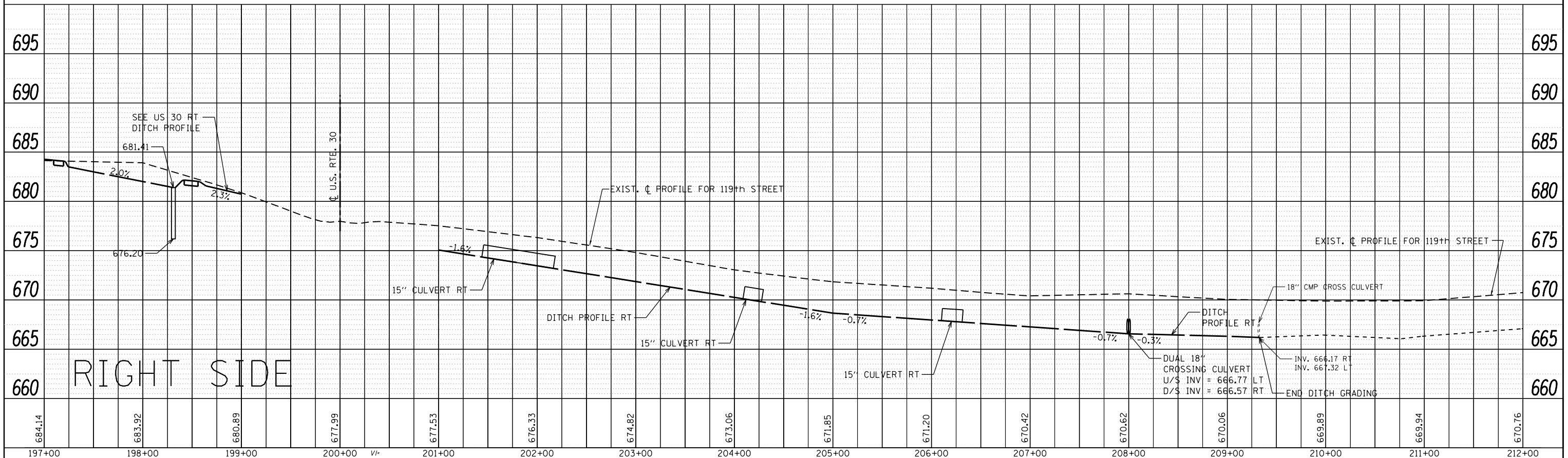


FILE NAME =	USER NAME = rostowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED DRAINAGE AND UTILITY PLAN U.S. RTE. 30 (LINCOLN HWY.) AT 119th ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-shr-cover.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			349	15N-6	WILL	98	48	
Default	PLOT DATE = 2/15/2017	DATE -	REVISED -			CONTRACT NO. 62B60					
						SCALE: 1"=50'		SHEET OF SHEETS		STA. 197+00 TO STA. 210+20	

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

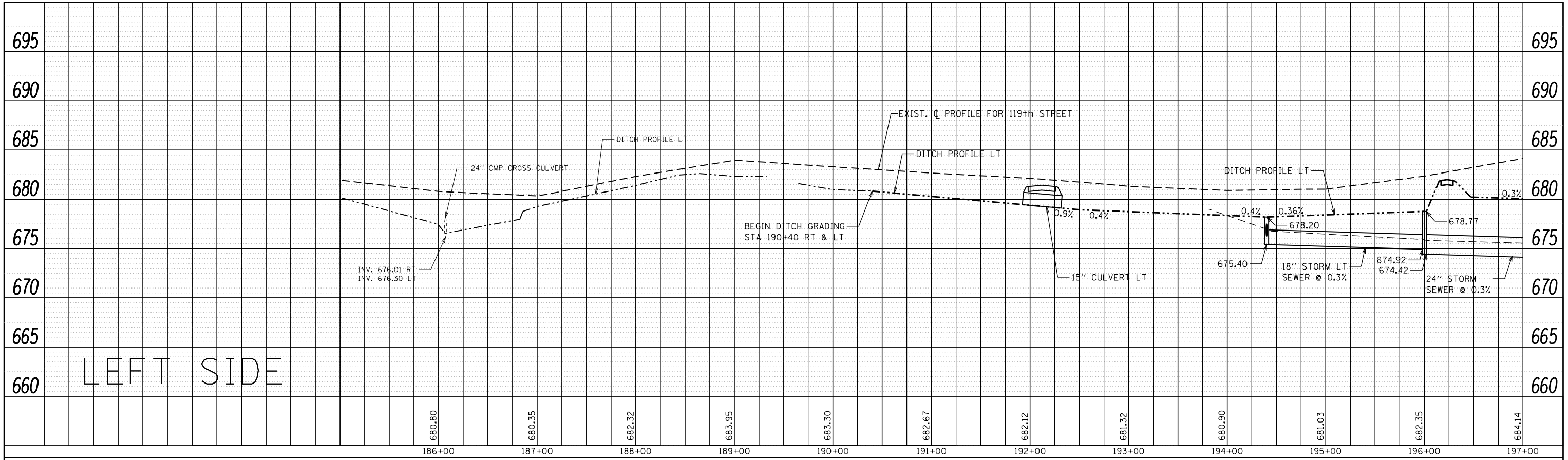


PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
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	NOTE BOOK NO.	
	FILE NAME	

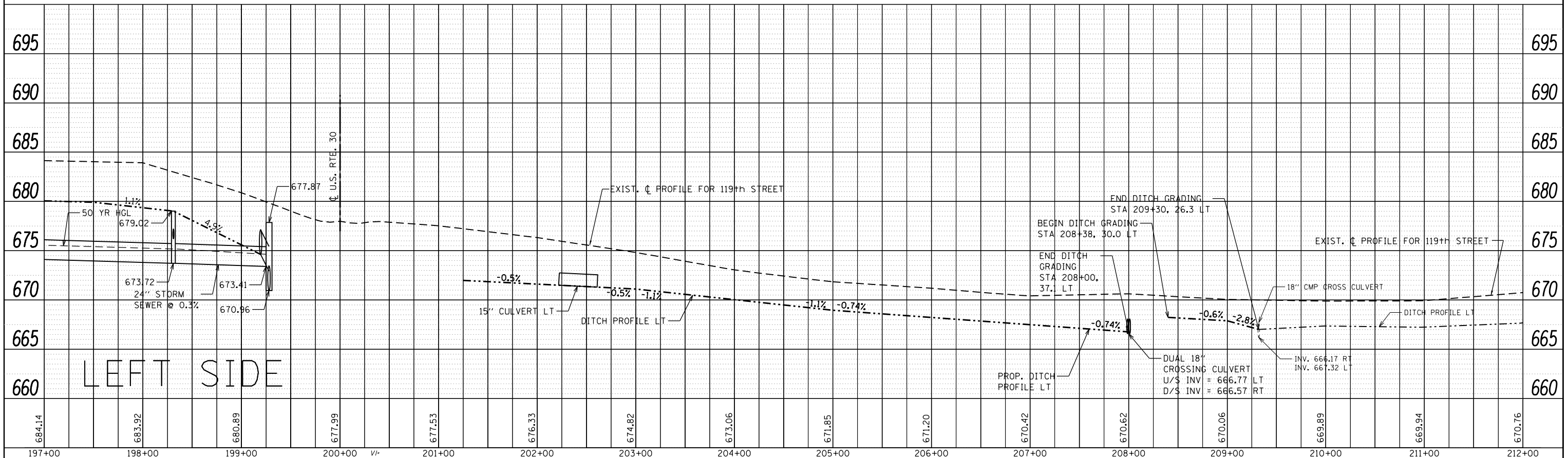


FILE NAME =	USER NAME = rostkowskir	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED DRAINAGE AND UTILITY PROFILE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		U.S. RTE. 30 (LINCOLN HWY.) AT 119th ST.				349	15N-6	WILL	98	49
		CHECKED -	REVISED -		SCALE: 1"=5' VER				CONTRACT NO. 62B60				
		DATE -	REVISED -		SCALE: 1"=50' HOR				ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	NO.	



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



FILE NAME =	USER NAME = rostkowskir	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED DRAINAGE AND UTILITY PROFILE U.S. RTE. 30 (LINCOLN HWY.) AT 119th ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\P114512\Design\Design\P114512-sht-cover.dgn	DRAWN	REVISED -					349	15N-6	WILL	98	50
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -					CONTRACT NO. 62B60				
	PLOT DATE = 2/15/2017	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

1
CONCRETE END SECTION, STANDARD 542001, 30", 1:4
STA.501+00 (38.7 LT)
INV.674.13

8
CONCRETE END SECTION, STANDARD 542001, 24", 1:4
STA.493+15 (15.68' LT)
T.G. 673.54
INV.669.06 N
INV.669.06 S
INV. 669.06 E

14
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.192+35 (21.76 RT)
INV.679.32

21
INLET, TYPE "A", TYPE 8 GRATE
STA.198+29 (20' RT)
T.G. 681.41
INV.676.2

28
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.204+29 (24.38' RT)
INV.669.81

2
M.H. TYPE "A", 5' DIA. TYPE 1 FRAME, CLOSED LID
STA.500+79 (38.31 LT)
T.G. 677.87
INV.673.00 N
INV.670.96 S
INV. 673.43 W

8A
PRESTRESS REINFORCED FLARED END SECTION, 24"
STA.493+15 (21.56' RT)
INV.670.24

15
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.192+57 (21.60 RT)
INV.679.18

22
CATCH BASIN TYPE "B", TYPE 7 GRATE
STA.198+29 (54.22' LT)
T.G. 679.02
INV.675.83 S
INV.673.72 W
INV. 673.72 E

29
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.206+07 (26.41' RT)
INV.667.92

3
CATCH BASIN TYPE "A", 5' DIA. TYPE 1 FRAME, OPEN LID
STA.499+00 (35' LT)
T.G. 675.82
INV.670.44 N
INV. 670.44 S

9
M.H. TYPE "A", 5' DIA., TYPE 1 FRAME, OPEN LID
STA.491+00 (21.80' LT)
T.G. 672.60
INV.668.50 N
INV.668.50 S

16
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.193+88 (20.65' RT)
INV.678.43

23
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.201+35 (22.79 RT)
INV.674.50

30
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.206+35 (26.41' RT)
INV.667.73

4
CATCH BASIN TYPE "A", 5' DIA. TYPE 1 FRAME, OPEN LID
STA.497+71 (27.6' LT)
T.G. 675.08
INV.670.06 N
INV. 670.06 S

10
M.H. TYPE "A", 5' DIA., TYPE 1 FRAME, OPEN LID
STA.489+00 (20.60' LT)
T.G. 672.00
INV.667.98 N
INV. 667.98 S

17
CATCH BASIN TYPE "A", 5' DIA., TYPE 1 FRAME, OPEN LID
STA.194+40 (19.50' RT)
T.G. 679.10
INV.676.25 N
INV.676.25 W

24
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.202+11 (23.34' RT)
INV.673.29

31
CONCRETE END SECTION, STANDARD 542001, 18", 1:4
STA.207+98 (23.33' RT)
INV.666.57

5
M.H. TYPE "A", 5' DIA., TYPE 1 FRAME, OPEN LID
STA.496+31 (25.78' LT)
T.G. 674.07
INV.669.66 N
INV. 669.66 S

11
CONCRETE END SECTION, STANDARD 542011, 30", 1:4
STA.488+27 (26.90' LT)
INV.667.77

18
CATCH BASIN TYPE "A", 5' DIA., TYPE 1 FRAME, OPEN LID
STA.194+40 (35.8' LT)
T.G. 678.2
INV.675.97 S
INV.675.40 E

25
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.202+23 (60.08' LT)
INV.671.50

32
CONCRETE END SECTION, STANDARD 542001, 18",
STA.207+98 (26.83' LT)
INV.666.77

6
M.H. TYPE "A", 5' DIA., TYPE 1 FRAME, OPEN LID
STA.495+74 (25.11' LT)
T.G. 673.75
INV.669.56 N
INV. 669.56 S

12
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.191+95 (30.2' LT)
INV.679.43

19
INLET, TYPE "A", TYPE 8 GRATE
STA.196+00 (18.6' RT)
T.G. 681.00
INV.675.79

26
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.202+62 (55.62' LT)
INV.671.30

33
CONCRETE END SECTION, STANDARD 542001, 18", 1:4
STA.208+02 (23.33' LT)
INV.666.57

7
M.H. TYPE "A", 5' DIA., TYPE 1 FRAME, OPEN LID
STA.494+61 (23.56' LT)
T.G. 673.06
INV.669.34 N
INV. 669.34 S

13
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.192+28 (31.41' LT)
INV.679.14

20
CATCH BASIN TYPE "A", 5' DIA. TYPE 1 FRAME, OPEN LID
STA.196+00 (44.05' LT)
T.G. 678.77
INV.675.48 S
INV.674.92 W
INV. 674.42 E

27
PRECAST REINFORCED CONCRETE END SECTION, 15"
STA.204+08 (23.96' RT)
INV.670.15

34
CONCRETE END SECTION, STANDARD 542001, 18",
STA.208+02 (26.83' LT)
INV.666.77

FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE TABLE U.S. RTE. 30 (LINCOLN HWY.) AT 119th ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\PI14512\Design\PI14512-shr-cover.dgn	PILOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			349	15N-6	WILL	98	51	
Default	PILOT DATE = 2/15/2017	DATE -	REVISED -			CONTRACT NO. 62B60					
						SCALE:	SHEET	OF	SHEETS	STA.	TO
						ILLINOIS FED. AID PROJECT					

1A | STORM SEWER CLASS "A", TYPE 1, 30" DIA.
STA. 500+00 TO STA. 500+79
21' AT 5.4%
T.B. 2 CU.YD.

7 | STORM SEWER CLASS "A", TYPE 1, EORS 30" DIA.
STA. 493+15 TO STA. 491+00
215' AT 0.3%
T.B. 7 CU.YD.

14 | STORM SEWER CLASS "A", TYPE 1, 18" DIA.
STA. 194+40 TO STA. 196+00
160' AT 0.3%
T.B. 0 CU.YD.

21 | PIPE CULVERT CLASS "A", TYPE 1, 15"
STA. 204+08 TO STA. 204+29
20' AT 1.7%
T.B. 2 CU.YD.

1 | STORM SEWER CLASS "A", TYPE 2, 30" DIA.
STA. 500+79 TO STA. 499+00
179' AT 0.3%
T.B. 54 CU.YD.

8 | STORM SEWER CLASS "A", TYPE 1, EORS 30" DIA.
STA. 491+00 TO STA. 489+00
200' AT 0.3%
T.B. 7 CU.YD.

15 | STORM SEWER CLASS "A", TYPE 2, 12" DIA.
STA. 196+00 (RT) TO STA. 196+00 (LT)
63' AT 0.5%
T.B. 8 CU.YD.

22 | PIPE CULVERT CLASS "A", TYPE 1, 15"
STA. 206+07 TO STA. 206+35
27' AT .7%
T.B. 3 CU.YD.

2 | STORM SEWER CLASS "A", TYPE 1, 30" DIA.
STA. 499+00 TO STA. 497+71
132' AT 0.3%
T.B. 2 CU.YD.

9 | STORM SEWER CLASS "A", TYPE 1, EORS 30" DIA.
STA. 489+00 TO STA. 488+27
73' AT 0.3%
T.B. 0 CU.YD.

16 | STORM SEWER CLASS "A", TYPE 2, 24" DIA.
STA. 196+00 TO STA. 198+29
230' AT 0.3%
T.B. 3 CU.YD.

23 | PIPE CULVERT CLASS "A", TYPE 1, 18" DIA.
STA. 207+98 (LT) TO STA. 207+98 (RT)
49' AT .4%
T.B. INCLUDED IN PIPE 24

3 | STORM SEWER CLASS "A", TYPE 1, 30" DIA.
STA. 497+71 TO STA. 496+31
137' AT 0.3%
T.B. 4 CU.YD.

10 | PIPE CULVERT CLASS "A", TYPE 1, 15" DIA.
STA. 191+96 TO STA. 192+28
32' AT 0.9%
T.B. 4 CU.YD.

17 | STORM SEWER CLASS "A", TYPE 2, 12" DIA.
STA. 198+29 (RT) TO STA. 198+29 (LT)
74' AT 0.5%
T.B. 8 CU.YD.

24 | PIPE CULVERT CLASS "A", TYPE 1, 18" DIA.
STA. 208+02 (LT) TO STA. 208+02 (RT)
49' AT .4%
T.B. 4 CU.YD.

4 | STORM SEWER CLASS "A", TYPE 1, EORS 30" DIA.
STA. 496+31 TO STA. 495+75
57' AT 0.2%
T.B. 3 CU.YD.

11 | PIPE CULVERT CLASS "A", TYPE 1, 15" DIA.
STA. 192+35 TO STA. 192+57
21' AT 0.7%
T.B. 2 CU.YD.

18 | STORM SEWER CLASS "A", TYPE 2, 24" DIA.
STA. 198+29 TO STA. 500+79
101' AT 0.3%
T.B. 4 CU.YD.

7A | STORM SEWER CLASS "A", TYPE 1, 24" DIA.
STA. 493+15 (RT) TO STA. 493+15 (LT)
37' AT 3.2%
T.B. 6 CU.YD.

5 | STORM SEWER CLASS "A", TYPE 1, EORS 30" DIA.
STA. 495+75 TO STA. 494+61
113' AT 0.2%
T.B. 4 CU.YD.

12 | STORM SEWER CLASS "A", TYPE 1, 15" DIA.
STA. 193+88 TO STA. 194+40
52' AT 4.2%
T.B. 3 CU.YD.

19 | PIPE CULVERT CLASS "A", TYPE 1, 15"
STA. 201+87 TO STA. 202+11
24' AT 1.6%
T.B. 3 CU.YD.

6 | STORM SEWER CLASS "A", TYPE 1, EORS 30" DIA.
STA. 494+61 TO STA. 493+15
146' AT 0.2%
T.B. 10 CU.YD.

13 | STORM SEWER CLASS "A", TYPE 1, 15" DIA.
STA. 194+40 (RT) TO STA. 194+40 (LT)
55' AT .5%
T.B. 6 CU.YD.

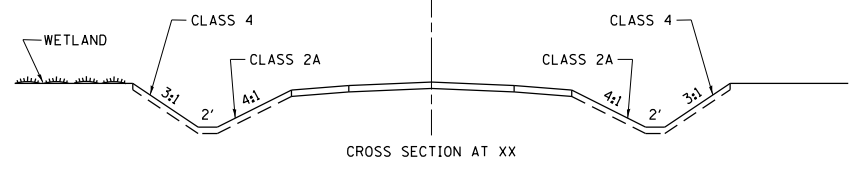
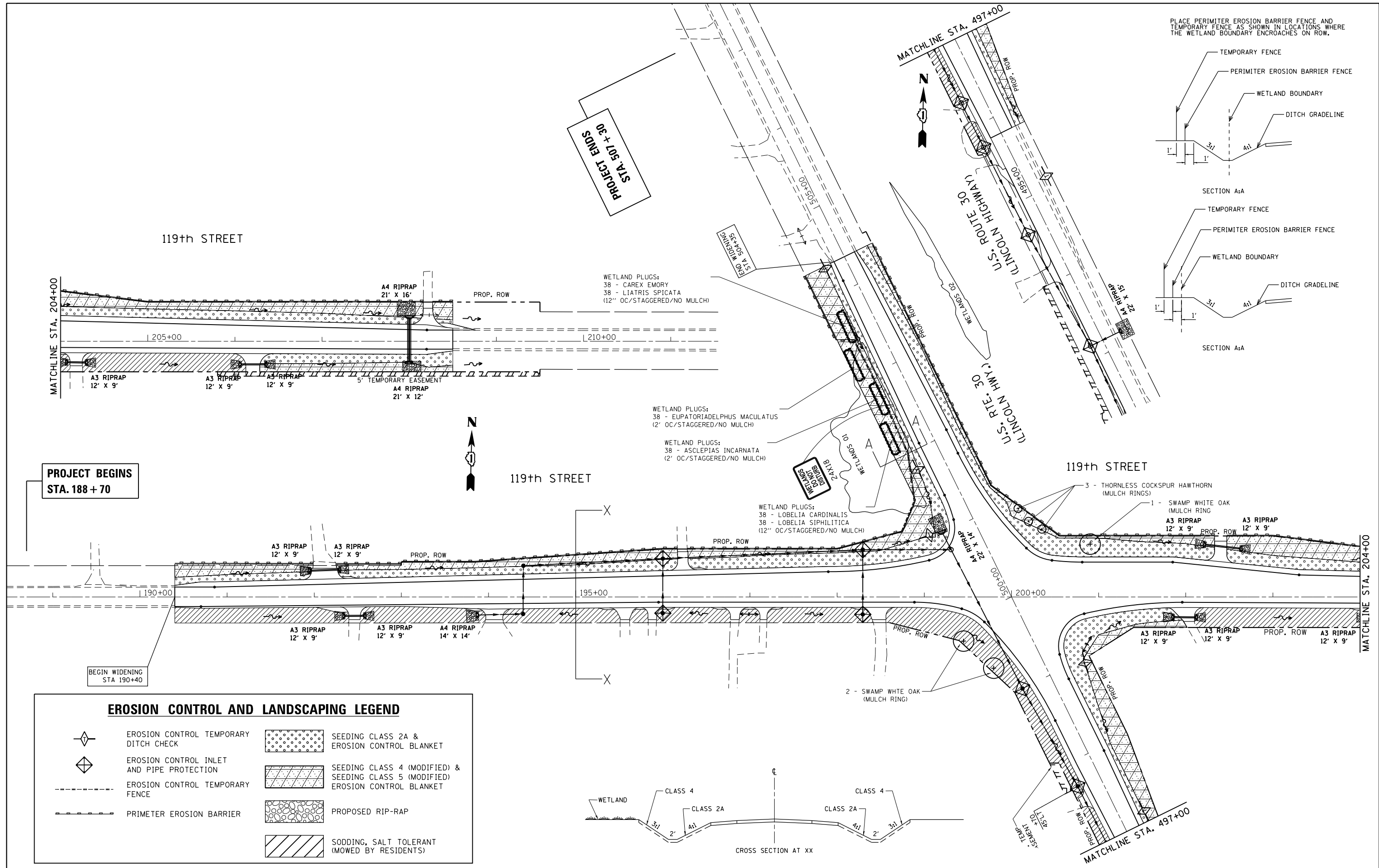
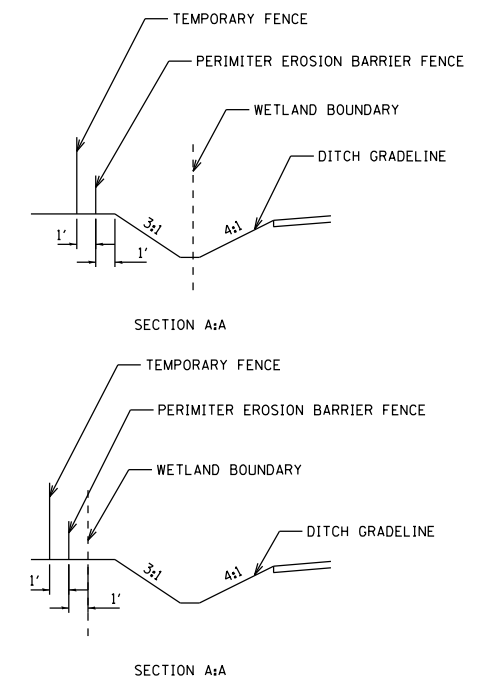
20 | PIPE CULVERT CLASS "A", TYPE 1, 15"
STA. 202+23 TO STA. 202+62
39' (LT) AT .5%
T.B. 2 CU.YD.

FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIPE TABLE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-shr-cover.dgn		CHECKED -	REVISED -		U.S. RTE. 30 (LINCOLN HWY.) AT 119th ST.				349	15N-6	WILL	98	52
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -						CONTRACT NO. 62B60				
	PLOT DATE = 2/15/2017				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

1. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES MAINTENANCE GUIDE: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)).
2. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
3. 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.
4. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. 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 CONTRACT: 62B60 AUGUST 3, 2016
RE: SWPPP REVIEW 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.
7. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
8. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.
9. WETLANDS 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.

FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED EROSION AND SEDIMENTATION CONTROL PLAN NOTES U.S. ROUTE 30 AT 119TH ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-shd-cover.dgn		CHECKED -	REVISED -			349	15N-6	WILL	98	53
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 62B60				
	PLOT DATE = 2/15/2017					SCALE:	SHEET	OF	SHEETS	STA.
						ILLINOIS FED. AID PROJECT				

PLACE PERIMETER EROSION BARRIER FENCE AND TEMPORARY FENCE AS SHOWN IN LOCATIONS WHERE THE WETLAND BOUNDARY ENCROACHES ON ROW.



EROSION CONTROL AND LANDSCAPING LEGEND			
	EROSION CONTROL TEMPORARY DITCH CHECK		SEEDING CLASS 2A & EROSION CONTROL BLANKET
	EROSION CONTROL INLET AND PIPE PROTECTION		SEEDING CLASS 4 (MODIFIED) & SEEDING CLASS 5 (MODIFIED) EROSION CONTROL BLANKET
	EROSION CONTROL TEMPORARY FENCE		PROPOSED RIP-RAP
	PRIMETER EROSION BARRIER		SODDING, SALT TOLERANT (MOWED BY RESIDENTS)

FILE NAME =	USER NAME = rostowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LANDSCAPING AND EROSION CONTROL PLAN U.S. ROUTE 30 AT 119TH ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI14512\Design\PI14512-shr-cover.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -			349	15N-6	WILL	98	54
Default	PLOT DATE = 3/21/2017	DATE -	REVISED -			CONTRACT NO. 62B60				
						ILLINOIS FED. AID PROJECT				

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FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	(BLANK)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-shr-cover.dgn	DRAWN -	REVISED -	349				15N-6	WILL	98	55	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		U.S. ROUTE 30 AT 119TH ST.		CONTRACT NO. 62B60				
	PLOT DATE = 2/15/2017	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

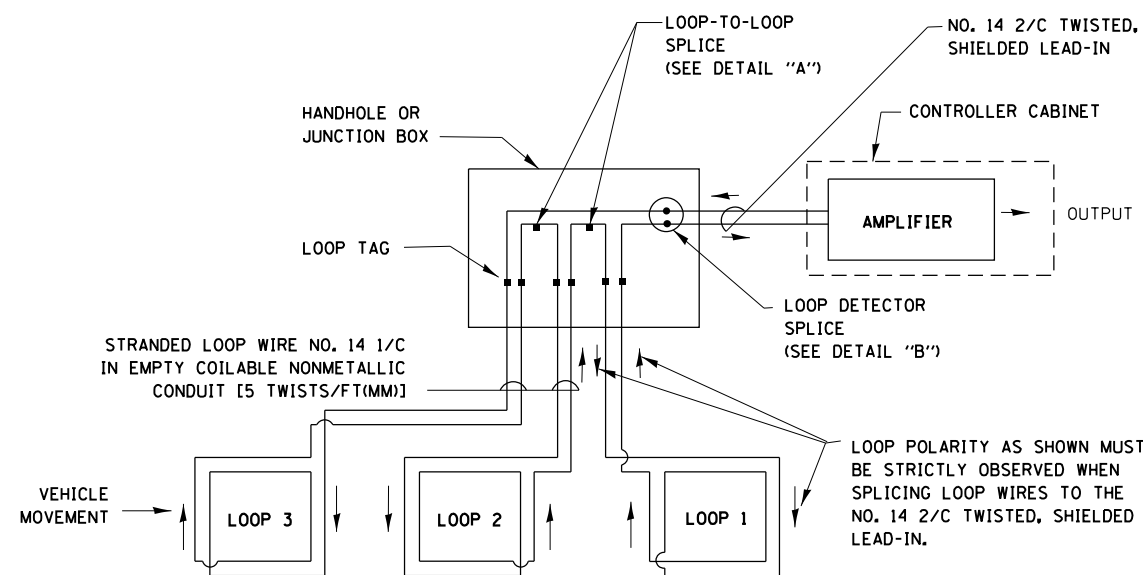
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM	S	SP	FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM	I	IP	GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM		R			
SIGNAL HEAD			RELOCATE ITEM		RL			
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM		A			
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF			
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF			
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF			
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	 	 	DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

TS SHT NO. 1

FILE NAME = P114512-sh1-ts.dgn	USER NAME = rostkowski	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE. 349	SECTION 15N-6	COUNTY WILL	TOTAL SHEETS 98	SHEET NO. 56
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED - LP	REVISED -	SCALE: NONE	SHEET 1 OF 7 SHEETS	TS-05		CONTRACT NO. 62B60		
	PLOT DATE = 2/15/2017	DATE - 9/29/2016	REVISED -	STA. TO STA.		ILLINOIS FED. AID PROJECT				

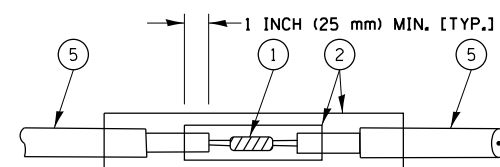
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

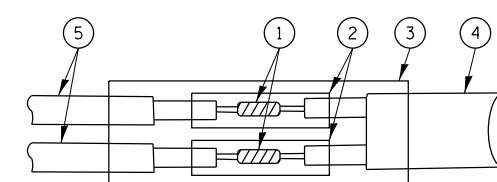


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



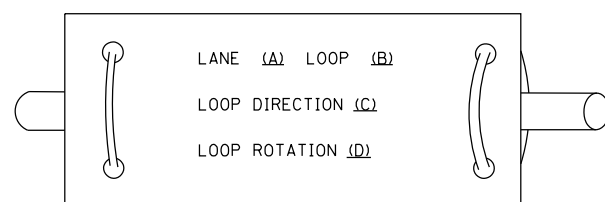
**DETAIL "A"
LOOP-TO-LOOP SPLICE**



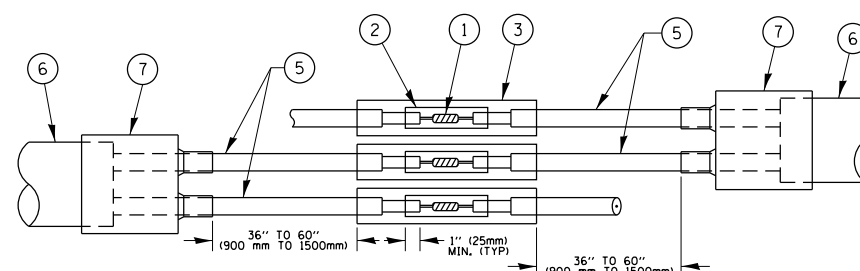
**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

TYPE I LOOP

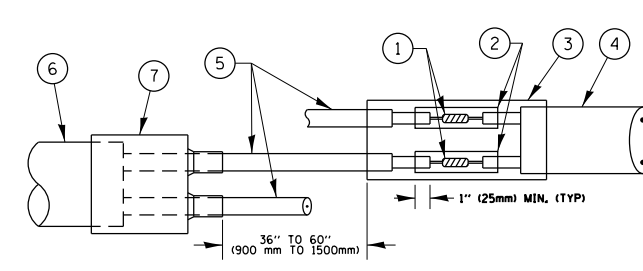
LOOP LEAD-IN CABLE TAG



- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



**DETAIL "A"
LOOP-TO-LOOP SPLICE**



**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

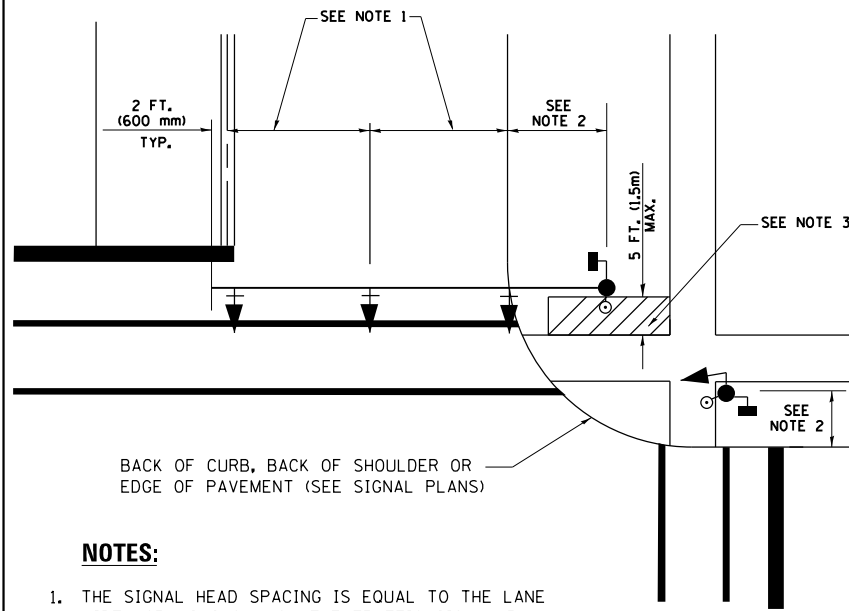
LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH, THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- ⑥ PRE-FORMED LOOP
- ⑦ XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

TS SHT NO. 2

FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 2/15/2017	DATE -	REVISED -			TS-05		CONTRACT NO. 62B60		<small>ILLINOIS FED. AID PROJECT</small>	
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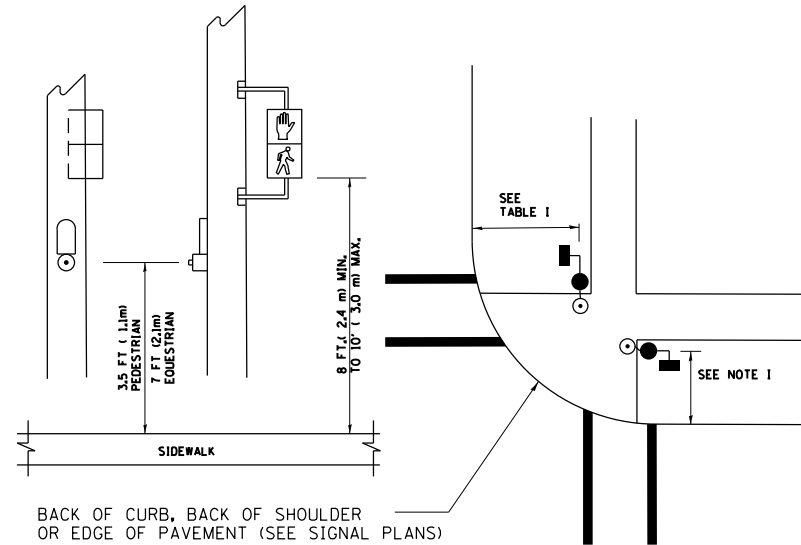
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

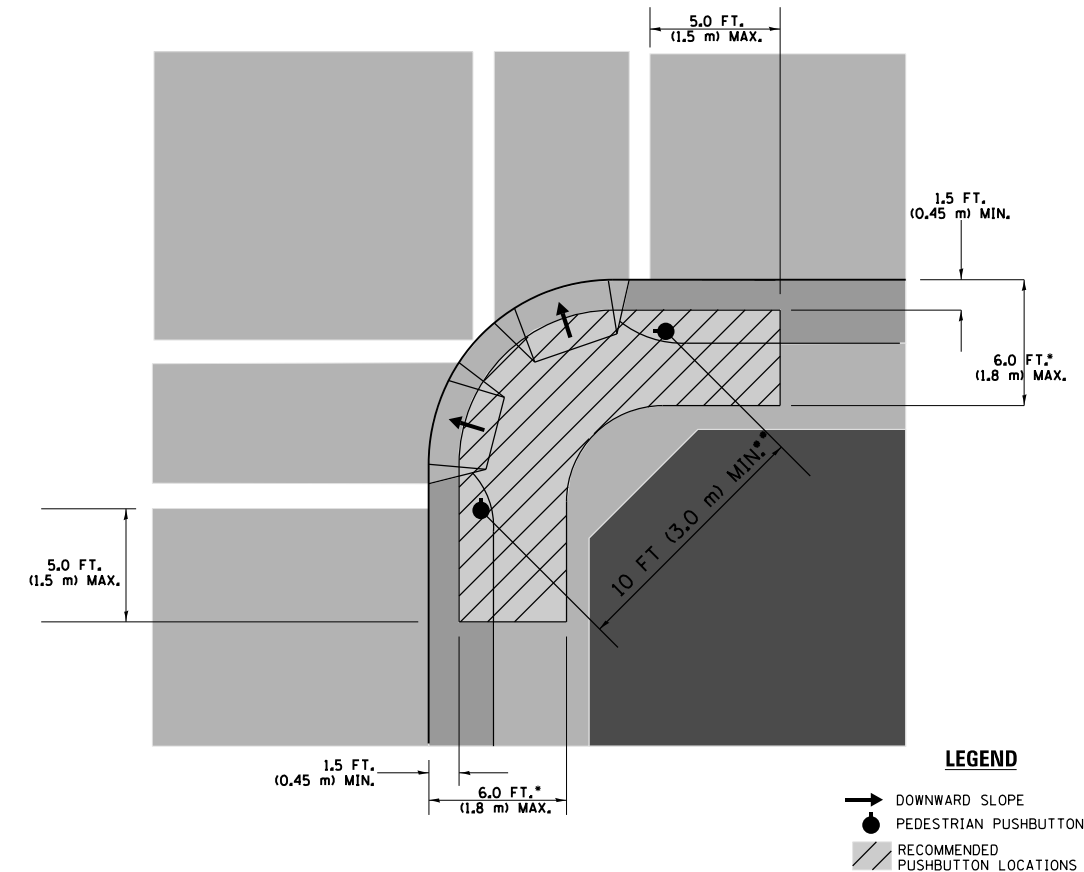
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

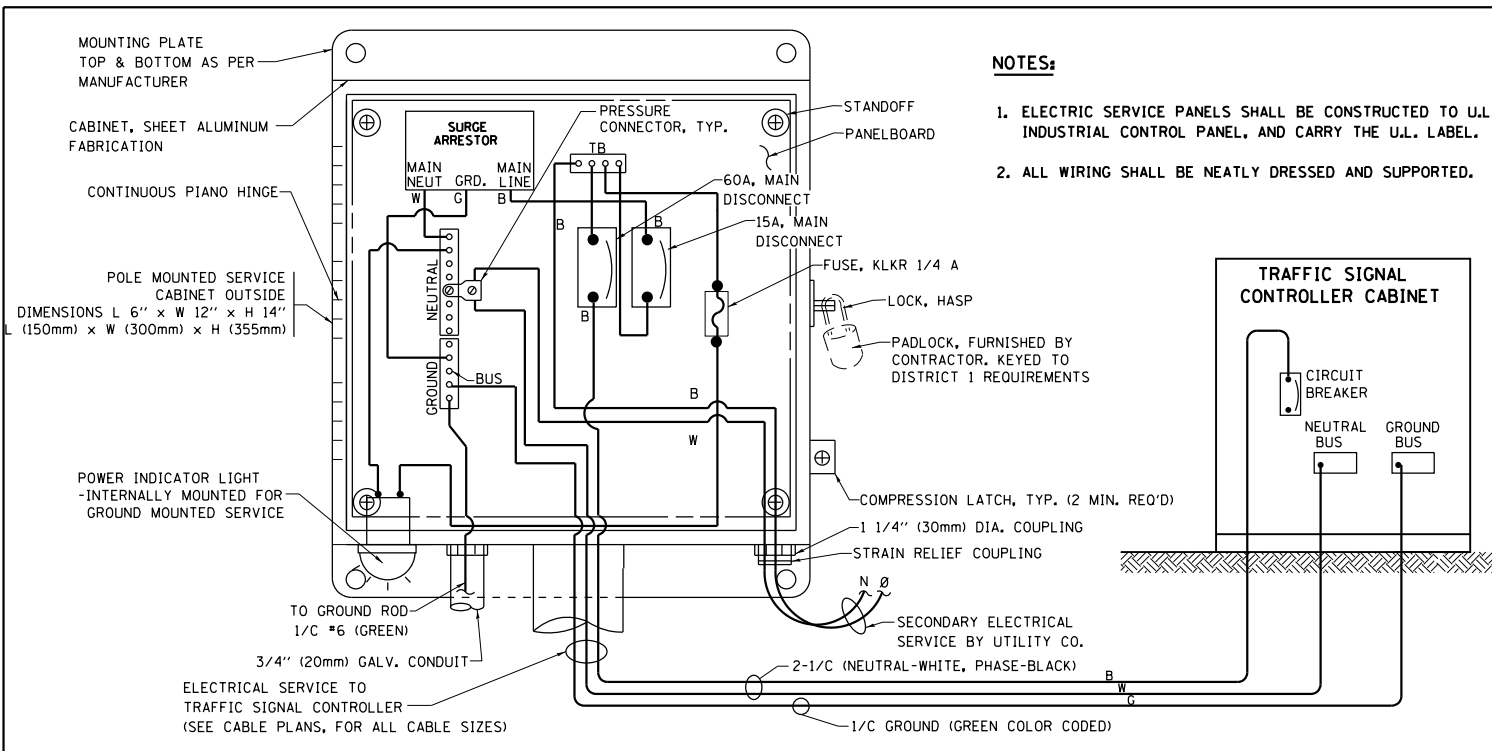
TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

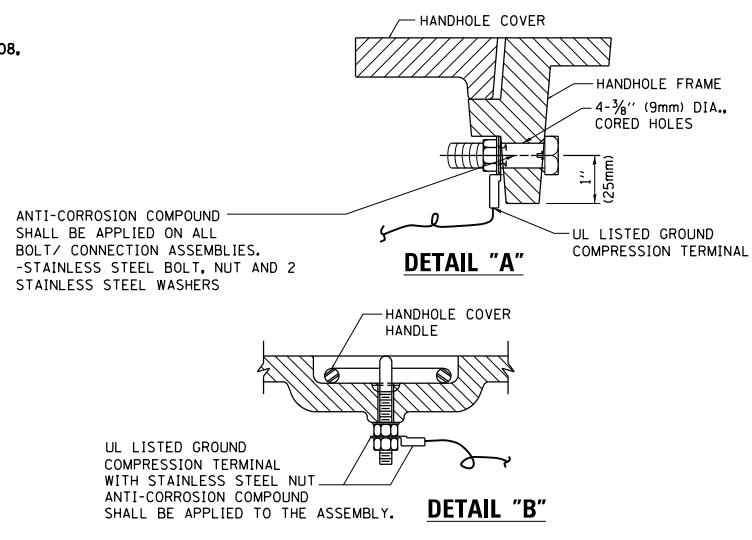
NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

TS SHT NO. 3

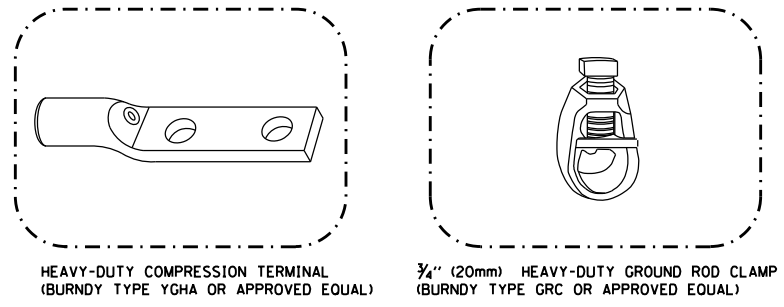
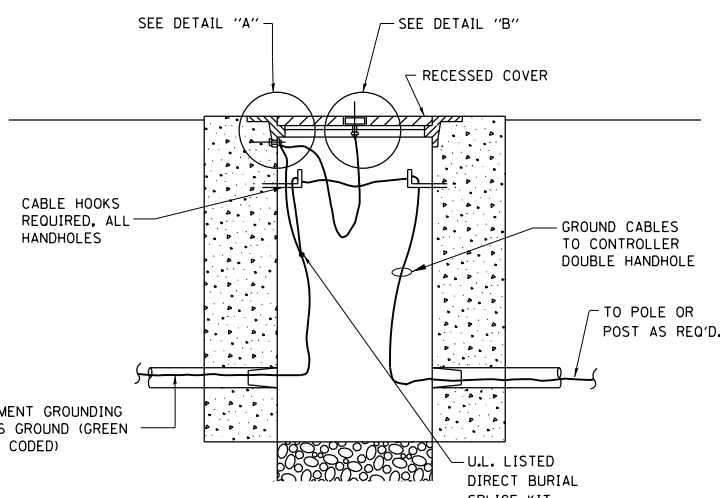


ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)

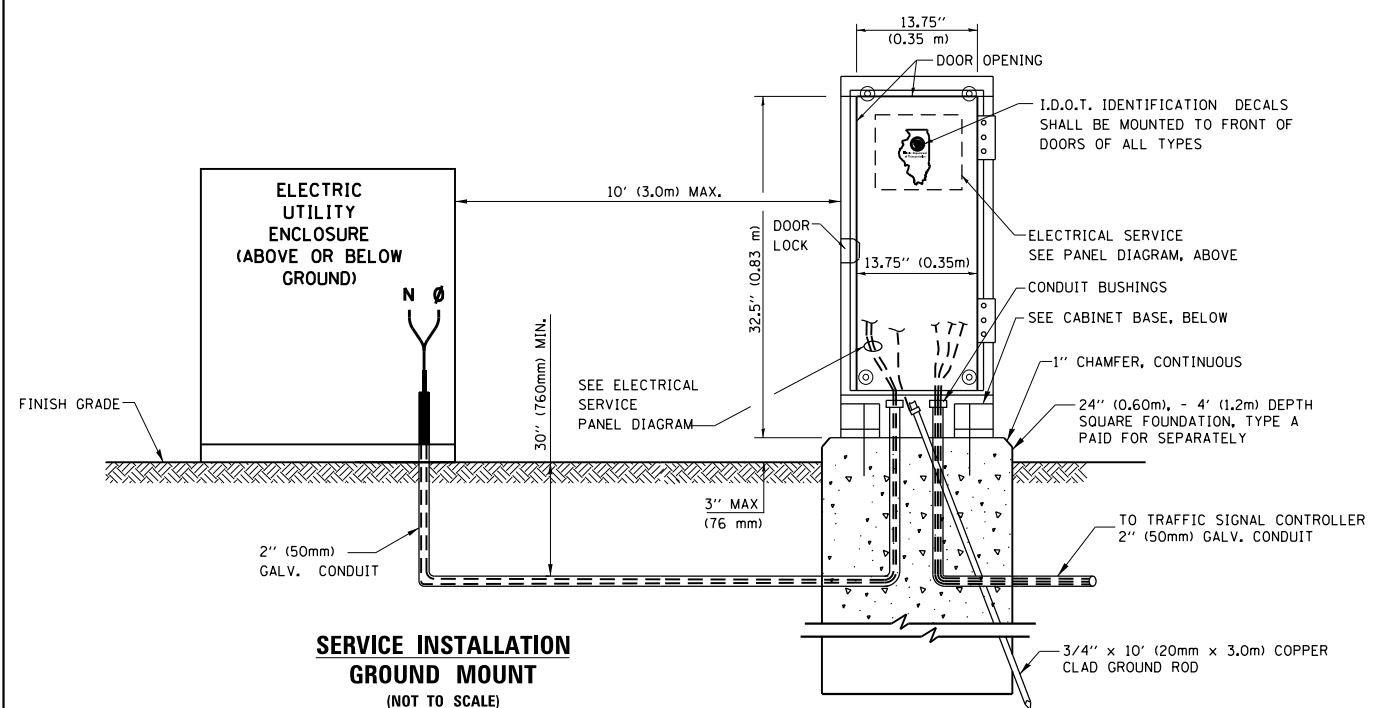


NOTES:
GROUNDING SYSTEM

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN ENCLOSED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

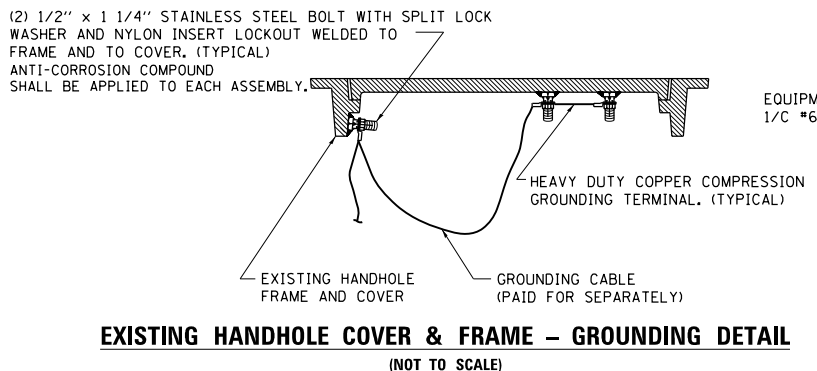


- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.

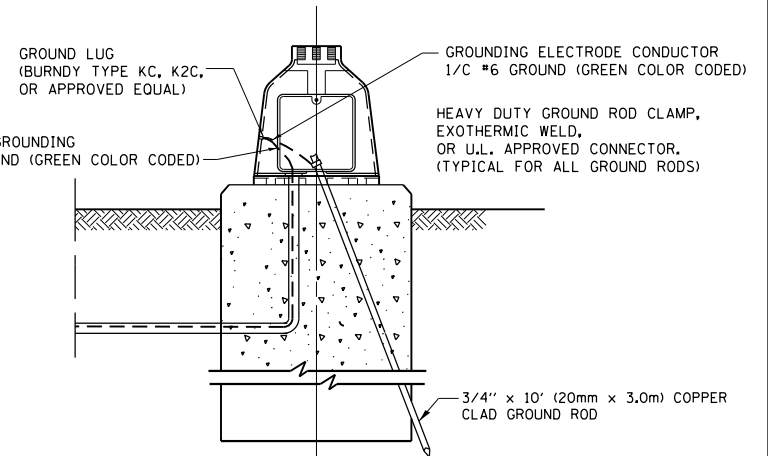


SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)

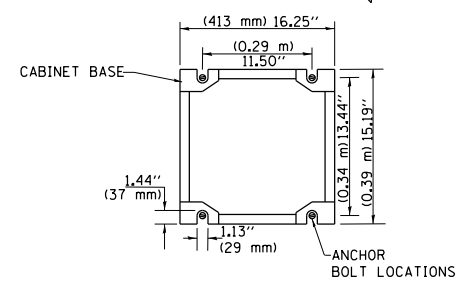


EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)



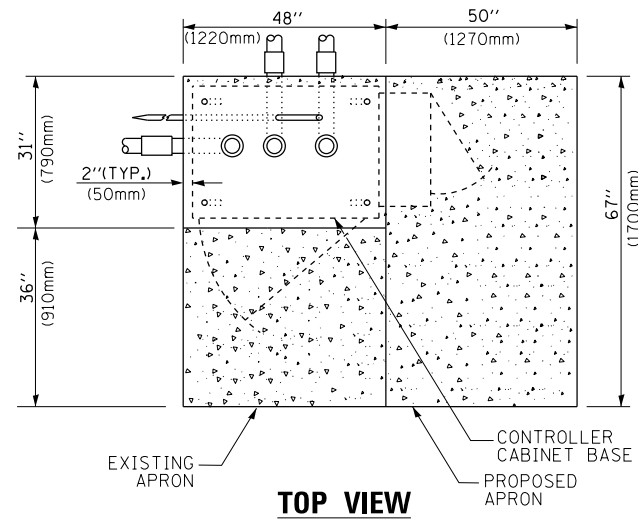
MAST ARM POLE / POST-GROUNDING DETAIL
 (NOT TO SCALE)

CABINET - BASE BOLT PATTERN
 (NOT TO SCALE)

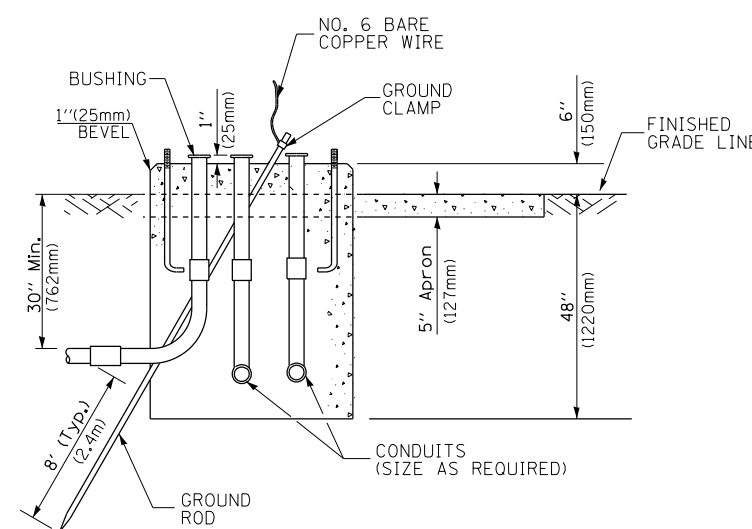


TS SHT NO. 4

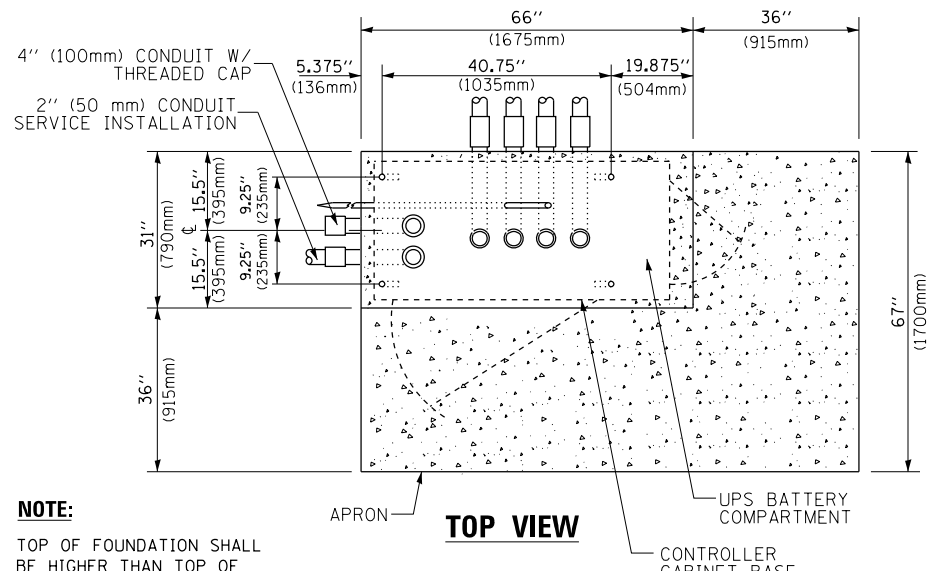
FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\l\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI1451\Drawings\Traffic\PI14512-sht-ts.dgn	PLotted	CHECKED -	REVISED -			349	15N-6	WILL	98	59
Default	PLotted	DATE -	REVISED -			TS-05		CONTRACT NO. 62B60		
	PLotted	DATE = 2/15/2017	REVISED -			ILLINOIS FED. AID PROJECT				



TOP VIEW

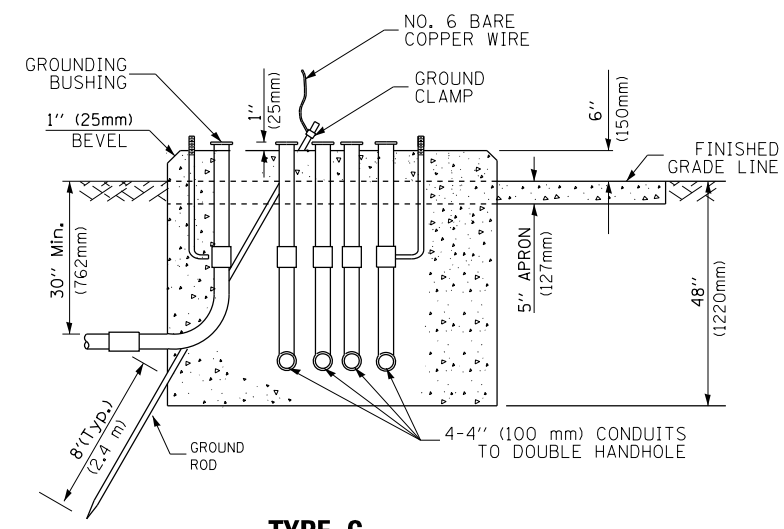


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

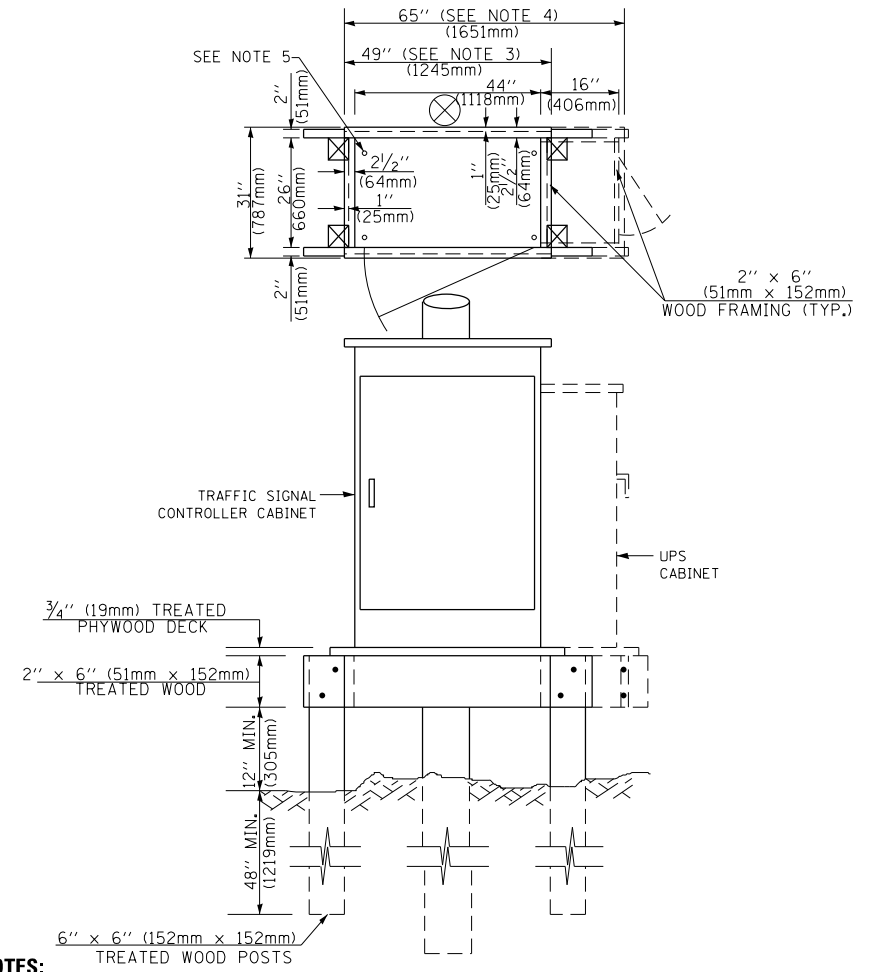


TOP VIEW

NOTE:
TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

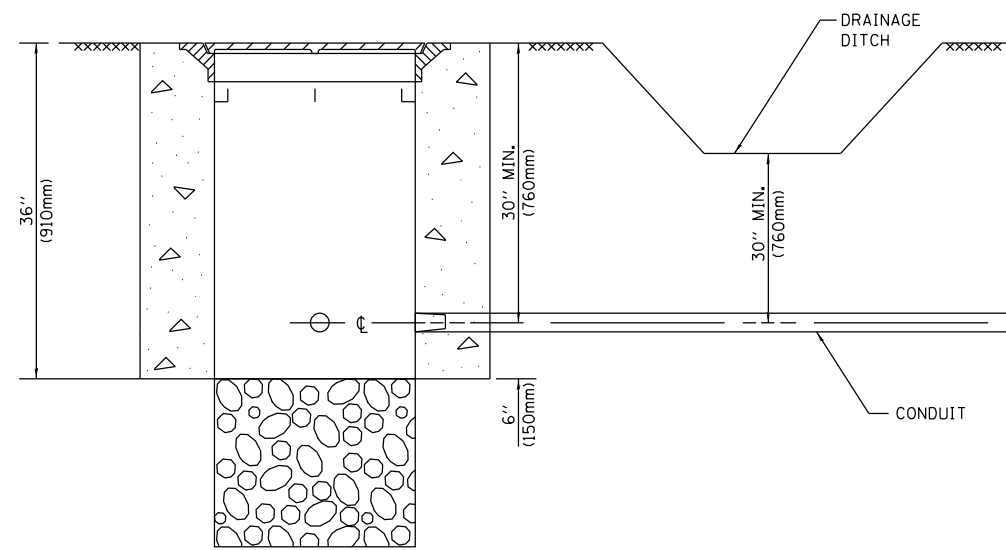
MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m) and up to 85' (25.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average unconfined compressive strength (qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

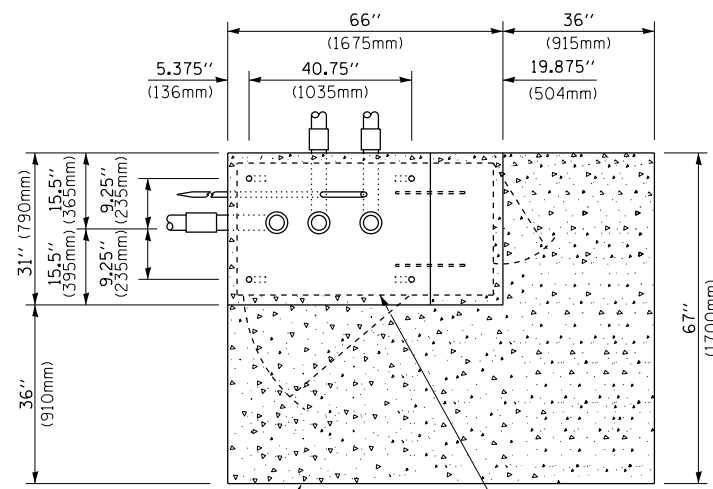
TS SHT NO. 5



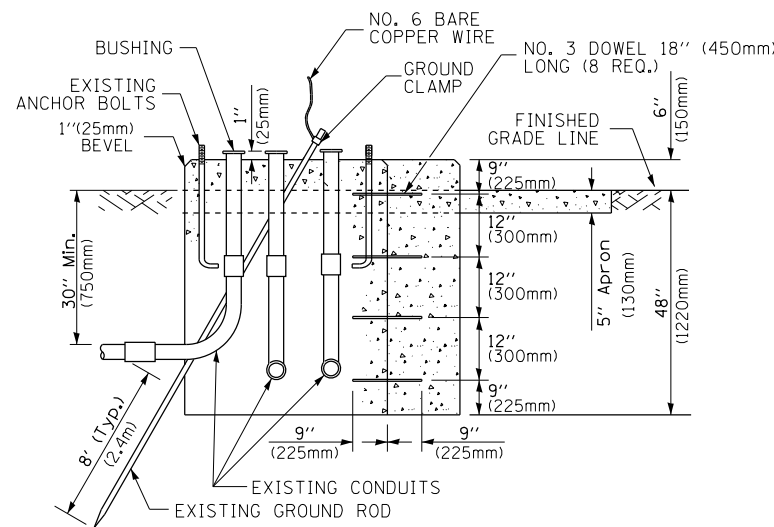
NOTES:

- CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
- THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
- THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



TOP VIEW
(NOT TO SCALE)

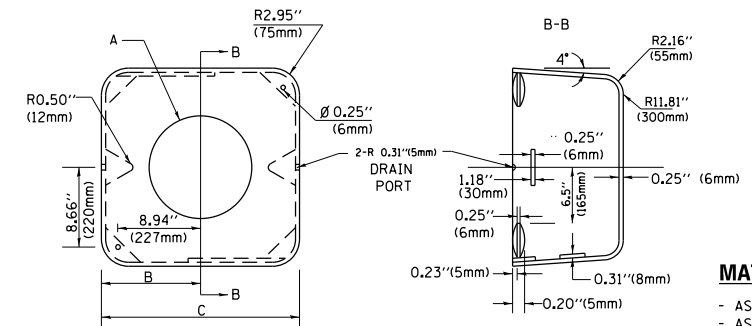


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
- ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-0-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
- WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



MATERIAL:
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

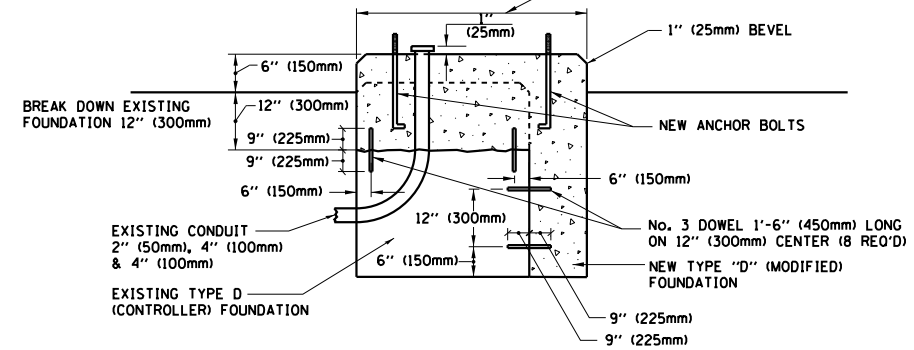
SHROUD

NOTES:

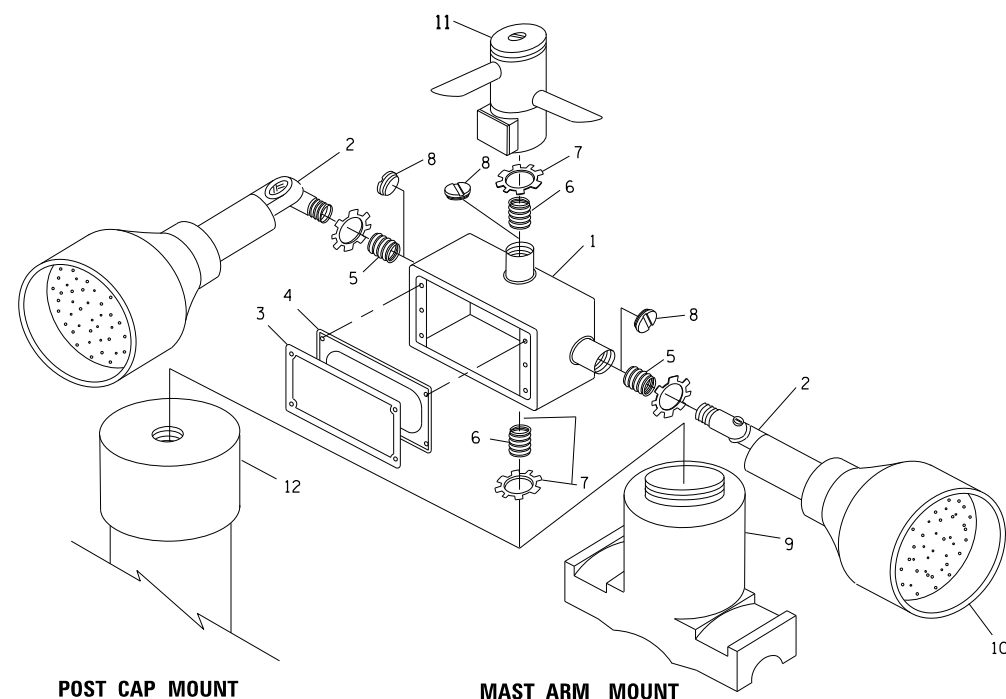
- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
- THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
- THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

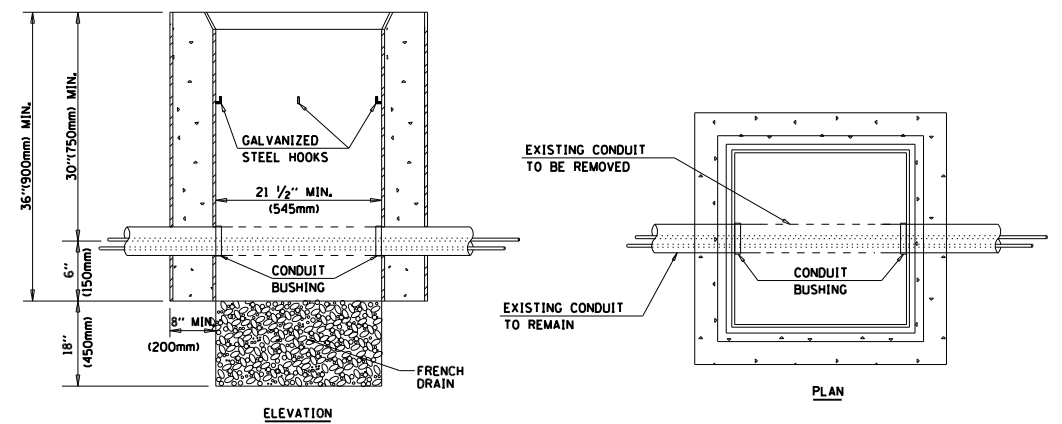
SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



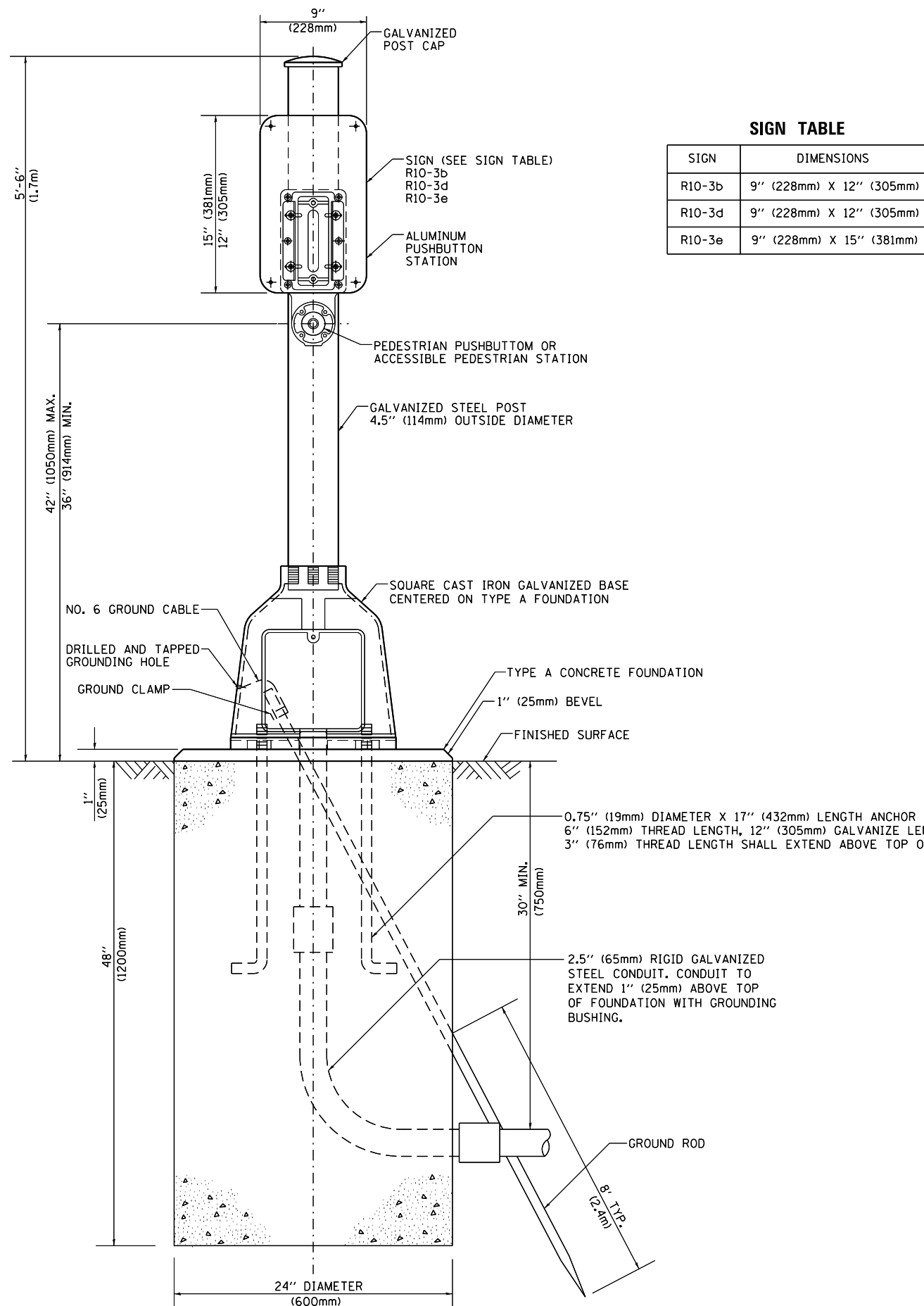
NOTES:

- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
- REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

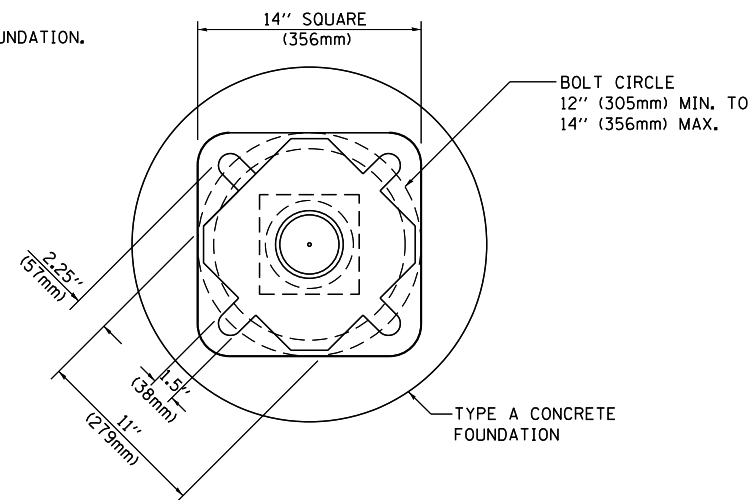
TS SHT NO. 6

TS SHT NO. 7



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



BOLT PATTERN

PEDESTRIAN PUSH BUTTON POST, TYPE A

FILE NAME =	USER NAME = rostowski	DESIGNED -	REVISED -
p:\11\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\PI1451\DRAWING\Traffic\PI14512-sht-ts.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 2/15/2017	DATE -	REVISED -

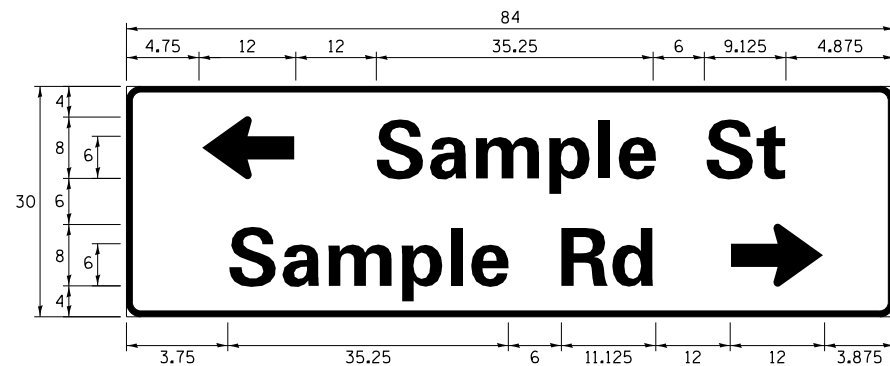
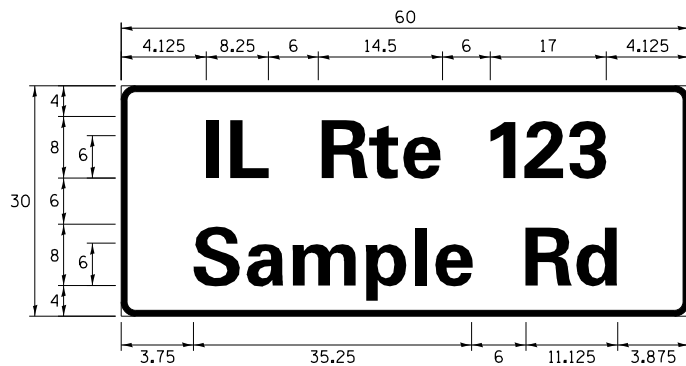
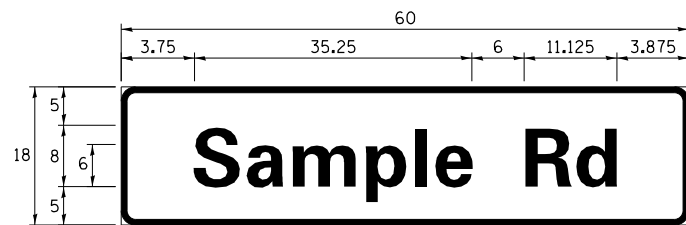
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	62
TS-05			CONTRACT NO. 62B60	
ILLINOIS FED. AID PROJECT				

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

ALL DIMENSIONS ARE IN INCHES EXCEPT NOTED OTHERWISE

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVIATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS SHALL BE 3/4" WIDE. CORNER RADIUS SHALL BE 1-7/8". THE SPACING BETWEEN THE WORDS SHOULD BE 6", IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

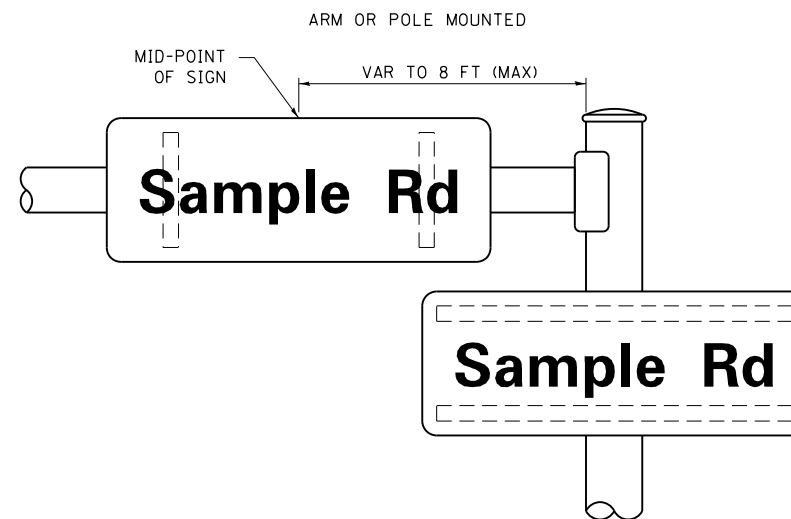
- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA
- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

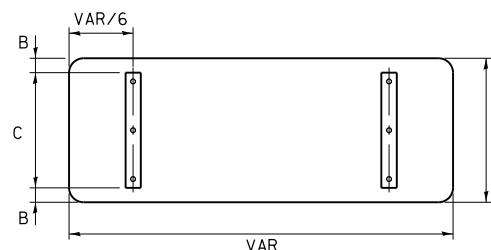
- SIGN CHANNEL PART *HPN053 (MED. CHANNEL)
1/4" x 14 x 1" H.W.H. #3
SELF TAPPING WITH NEOPRENE WASHER
- SIGN SCREWS PART *HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING
- BRACKETS

OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

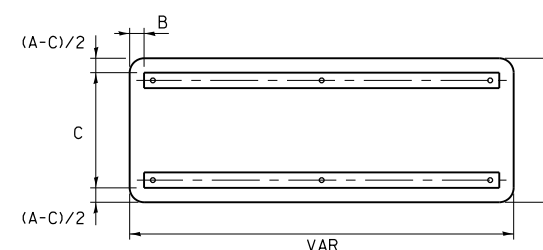
MOUNTING LOCATION



SUPPORTING CHANNELS



A	B	C
18"	2"	14"
30"	2"	24"



A	B	C
18"	2"	12"
30"	2"	22"

STANDARD ALPHABETS SPACING CHART

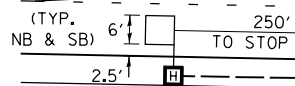
(8") UPPER CASE AND (6") LOWER CASE

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

TS SHT NO. 8

FILE NAME =	USER NAME = rostkowski	DESIGNED - LP/IP	REVISED - LP 07/01/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DISTRICT ONE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI14512\Traffic\PI14512-sht-ts.dgn		CHECKED - IP	REVISED -					MAST ARM MOUNTED STREET NAME SIGNS				349	15N-6	WILL	98	63
Default	PLOT SCALE = 100.0000' / in.	DATE - 10/01/2014	REVISED -	SCALE:				SHEET OF SHEETS STA. TO STA.				TS-02				CONTRACT NO. 62B60
	PLOT DATE = 2/15/2017											ILLINOIS FED. AID PROJECT				

**US RTE 30
(LINCOLN HWY)**



MATCH LINE STA. 497+50

119TH ST

WETLANDS 01

**US RTE 30
(LINCOLN HWY)**

28' M.A. - 30" FDN. (10' DEPTH)
APPROX. STA. 499+10.3, 31.9' LT

16' POST
APPROX. STA. 500+3.7, 62.0' LT

16' POST
APPROX. STA. 501+10.8, 30.3' LT

42' M.A. - 36" FDN. (16' DEPTH)
APPROX. STA. 500+89.6, 49.8' LT

215'-UC-2"

MATCH LINE STA. 497+50

110'-UC-2"

53'-UC-2"

11' (TYP.)

500+00

43'-UC-3"

(TYP. NB & SB)

250'
TO STOP BAR

266'-UC-2"

44'-UC-2"

88'-UC-4"

200+00

44'-UC-2"

81'-UC-4"

**US RTE 30
(LINCOLN HWY)**

16' POST
APPROX. STA. 499+9.3, 29.4' RT

142'-UC-4"

44'-UC-3"

32' M.A. - 30" FDN. (13.5' DEPTH)
APPROX. STA. 500+90.3, 36.8' RT

20'-UC-3"

3'-UC-4-4"

16' POST
APPROX. STA. 500+31.3, 58.6' RT

52'-UC-2"

15'-UC-3"

40' M.A. - 36" FDN. (13' DEPTH)
APPROX. STA. 499+36.6, 54.1' RT

119TH ST

NOTES:

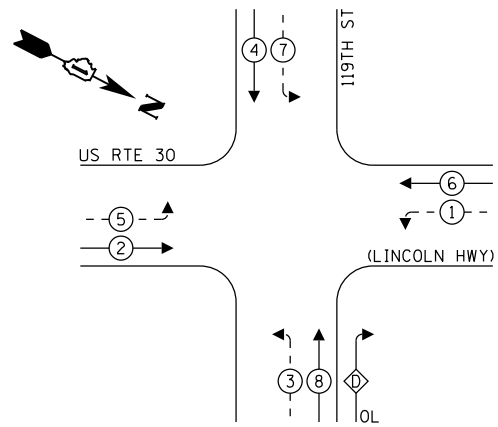
1. TWO CHANGEABLE MESSAGE SIGNS ON US RTE 30 WILL NEED TO BE IN PLACE TWO WEEKS PRIOR AND TWO WEEKS AFTER THE TRAFFIC SIGNAL IS TURNED-ON. THIS IS REQUIRED FOR A NEW STOP CONDITION.
2. THE MOUNTING LOCATIONS OF THE RADAR DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.

TS SHT NO. 9

TS 20976

FILE NAME =	USER NAME = rostkowski	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL INSTALLATION PLAN US RTE 30 (LINCOLN HWY) AT 119TH ST	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\PI14512\Traffic\PI14512-sht-ts.dgn		CHECKED - AK	REVISED -			349	15N-6	WILL	98	64	
PLOT SCALE = 40.0000' / in.		DATE - 11/15/2016	REVISED -			CONTRACT NO. 62B60					
Default			REVISED -			ILLINOIS FED. AID PROJECT					

PROPOSED CONTROLLER SEQUENCE



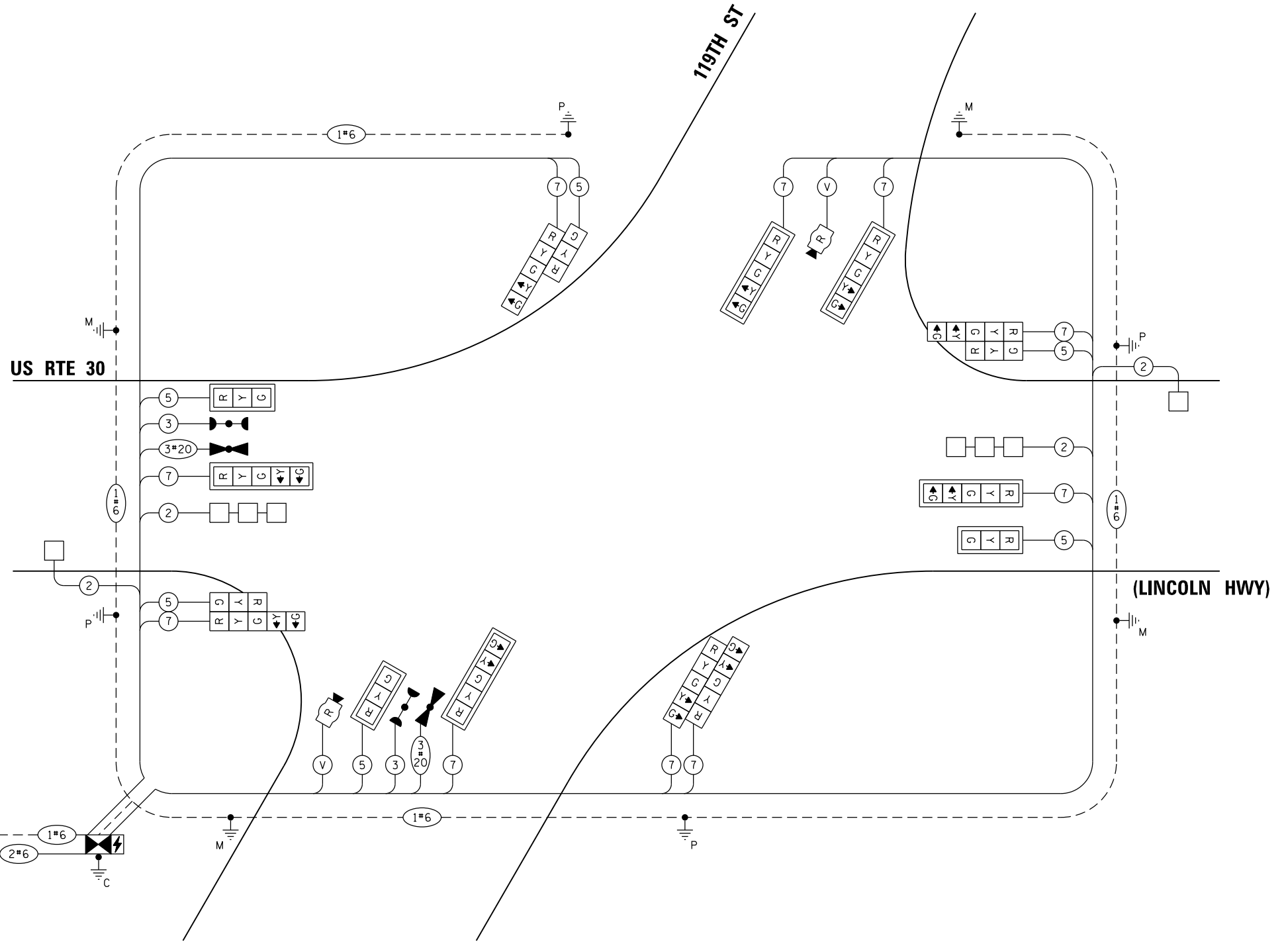
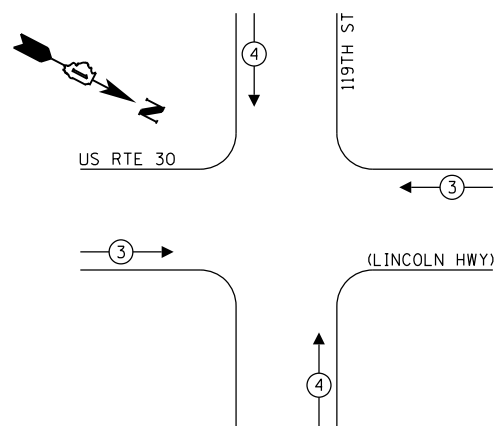
LEGEND:

- ←(*) PROTECTED PHASE
- ←-*(*)- PROTECTED/PERMITTED PHASE
- ←-*(*)-> PEDESTRIAN PHASE
- ←(*) OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
D	8	1

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	20	10	10	20.0
PED. SIGNAL	-	20	100	-
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				335.4

ENERGY COSTS TO:

VILLAGE OF PLAINFIELD
24401 W LOCKPORT ST
PLAINFIELD, IL 60544

ENERGY SUPPLY: CONTACT: TIM COSLET
PHONE: (815) 724-5010
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

TS SHT NO. 10

FILE NAME =	USER NAME = rostkowski
pw:\IL\084EBID\TEG\illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\PI14512\Traffic\PI14512-sht-ts.dgn	
Default	PLOT DATE = 2/15/2017

DESIGNED - IP	REVISED -
CHECKED - AK	REVISED -
DATE - 11/15/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US RTE 30 (LINCOLN HWY) AT 119TH ST**

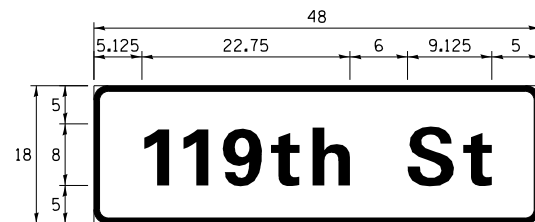
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	65
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				

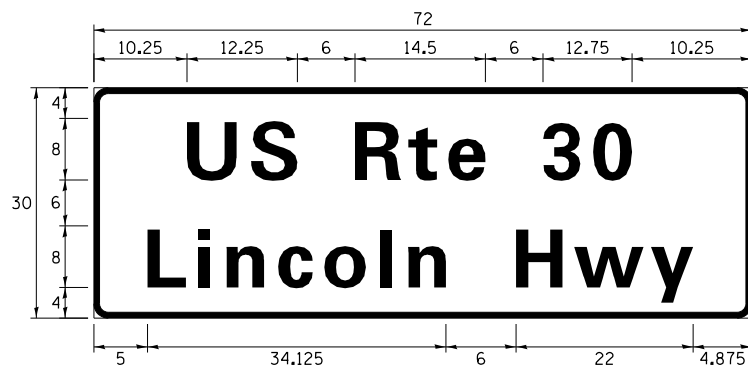
TS 20976

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6.0	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	15.0	2	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

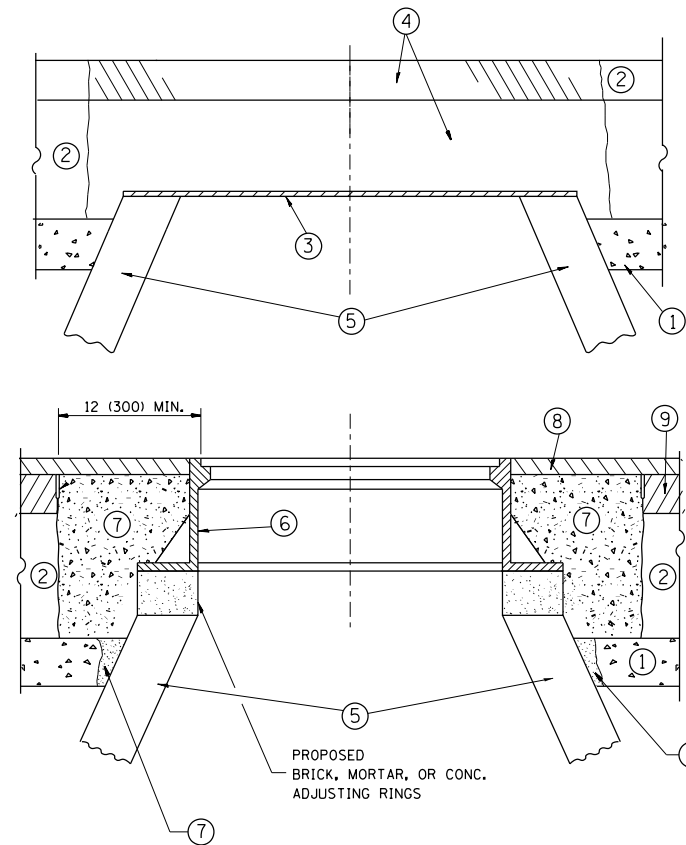
ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	12
SIGN PANEL - TYPE 2	SQ FT	30
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	784
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	250
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	323
HEAVY-DUTY HANDHOLE	EACH	8
DOUBLE HANDHOLE	EACH	1
* ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	320
* ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,075
* ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,300
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,075
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	275
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,000
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	23.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	29
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	4
DETECTOR LOOP, TYPE I	FOOT	260
* LIGHT DETECTOR	EACH	2
* LIGHT DETECTOR AMPLIFIER	EACH	1
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	320
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	2

* 100% COST TO PLAINFIELD FIRE PROTECTION DISTRICT

TS SHT NO. 11

TS 20976

FILE NAME =	USER NAME = rostkowski	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES US RTE 30 (LINCOLN HWY) AT 119TH ST	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\PI14512\Traffic\PI14512-sht-ts.dgn	DRAWN	NOTED	REVISIONS			349	15N-6	WILL	98	66	
Default	PLOT SCALE = 40.0000' / in.	CHECKED - AK	REVISIONS			CONTRACT NO. 62B60					
	PLOT DATE = 2/15/2017	DATE - 11/15/2016	REVISIONS			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

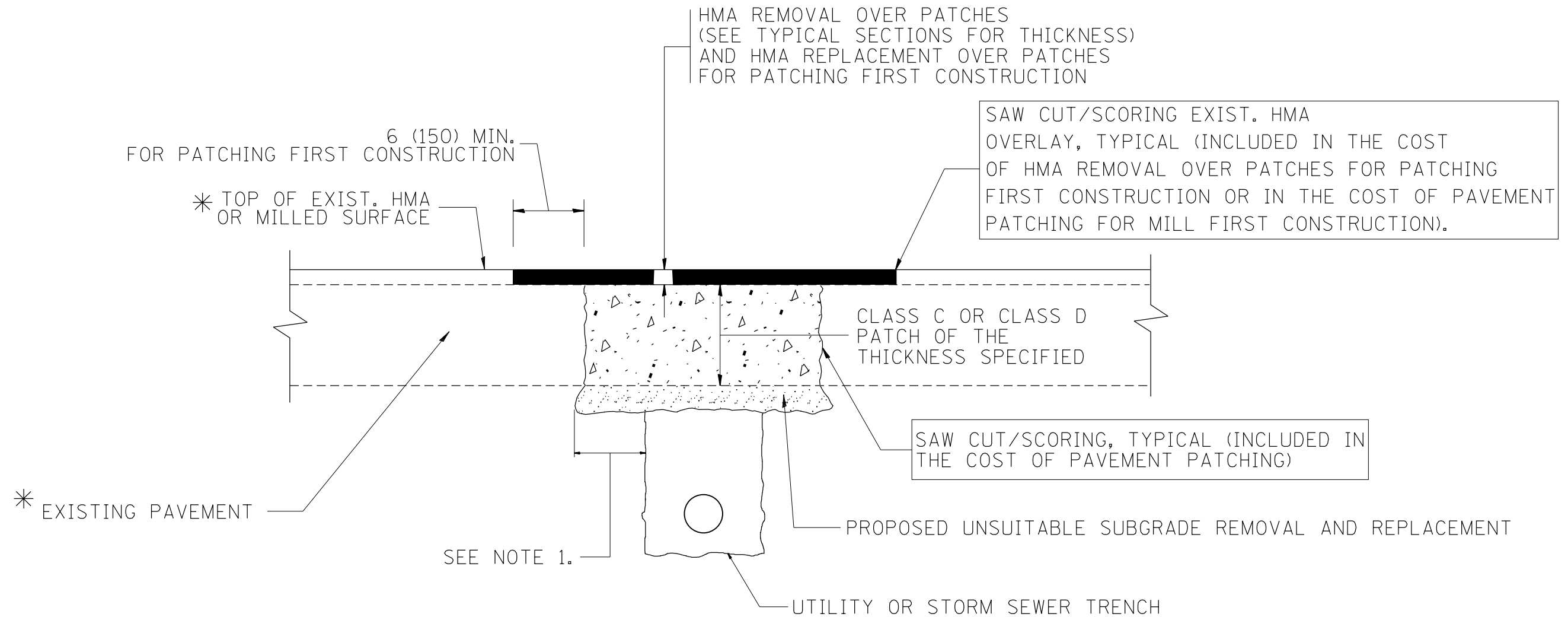
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = rostkowski	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-shit-cover.dgn			REVISED - R. BORO 01-01-07
		CHECKED -	REVISED - R. BORO 03-09-11
		DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	67
BD600-03 (BD-8)		CONTRACT NO. 62B60		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* 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)

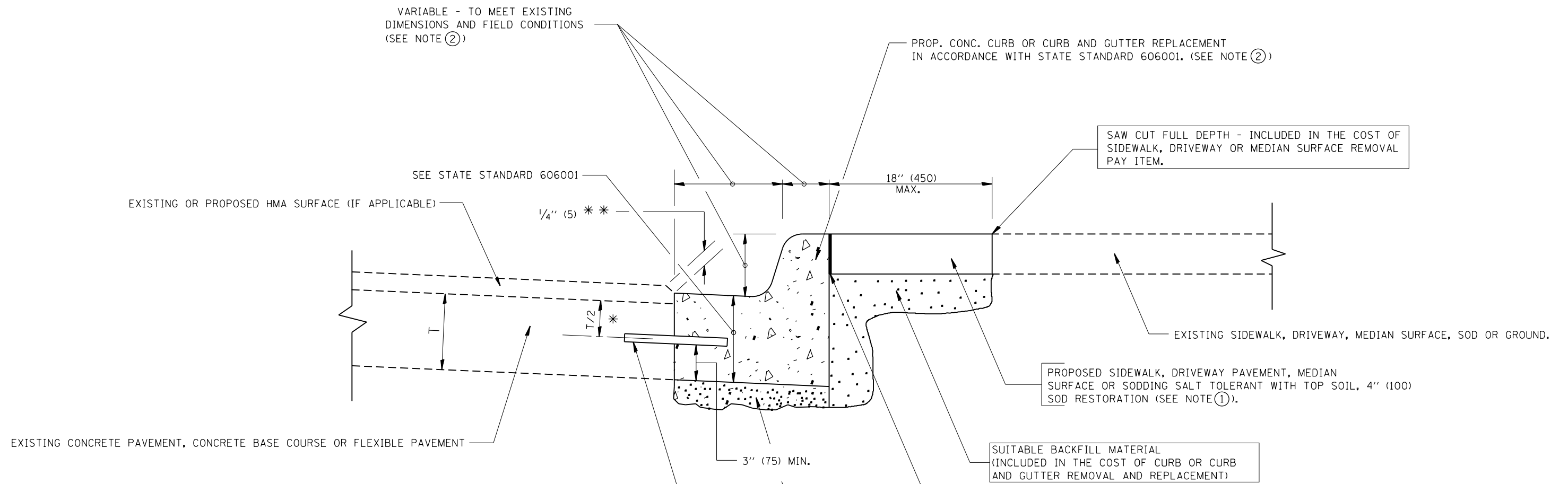
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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 = rostkowski	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.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-shit-cover.dgn	DRAWN	REVISOR	REVISION					349	15N-6	WILL	98	68
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISOR - R. BORO 09-04-07	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		
PLOT DATE = 2/15/2017	DATE - 10-25-94	REVISOR - R. BORO 09-04-07	REVISED - K. ENG 10-27-08		BD400-04 (BD-22)		CONTRACT NO. 62B60					



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
 - * * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.
- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.
- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
 - ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
 - ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
 - ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
 - ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
 - ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
 - ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

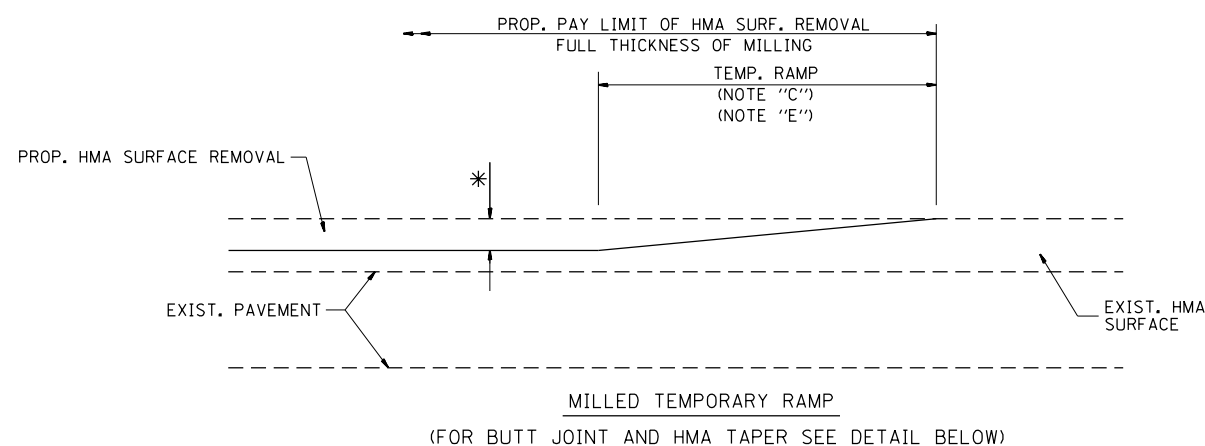
- PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)
- UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.
- REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:
 THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

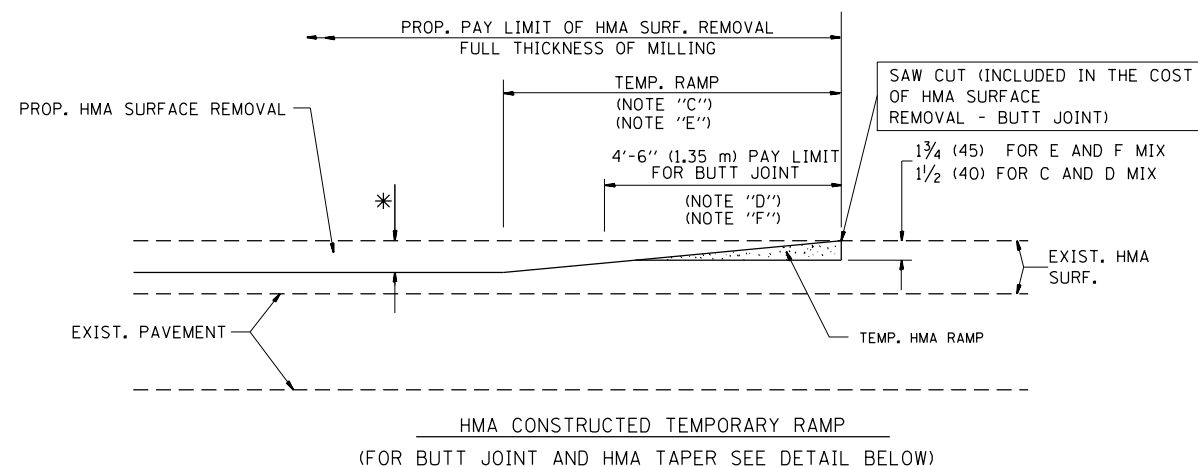
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = rostkowski	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
			REVISED - A. ABBAS 03-21-97			349	15N-6	WILL	98	69	
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 01-22-01			BD600-06 (BD-24)		CONTRACT NO. 62B60			
	PLOT DATE = 2/15/2017	DATE - 03-11-94	REVISED - R. BORO 12-15-09			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		

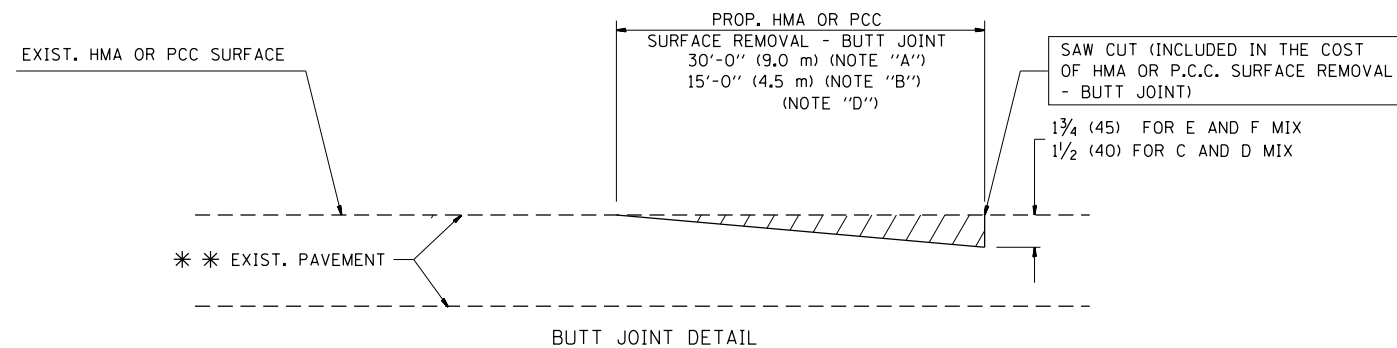


OPTION 1

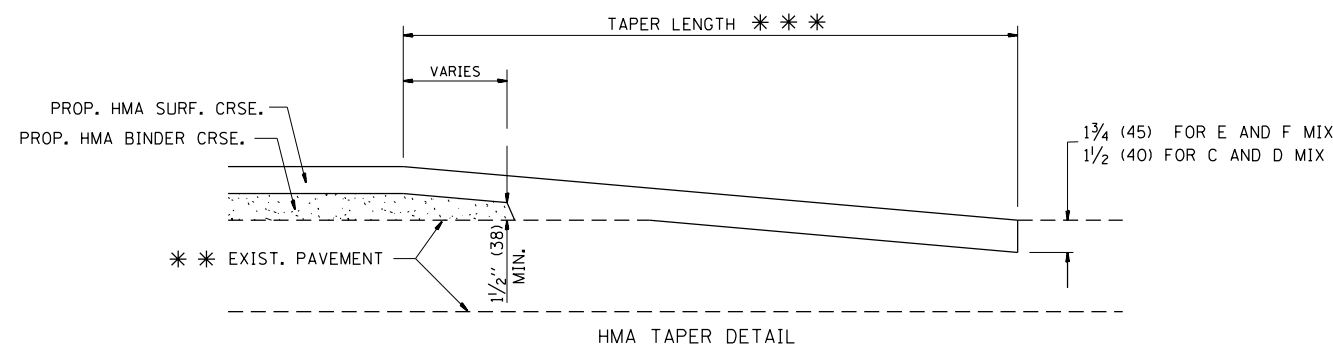


OPTION 2

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".

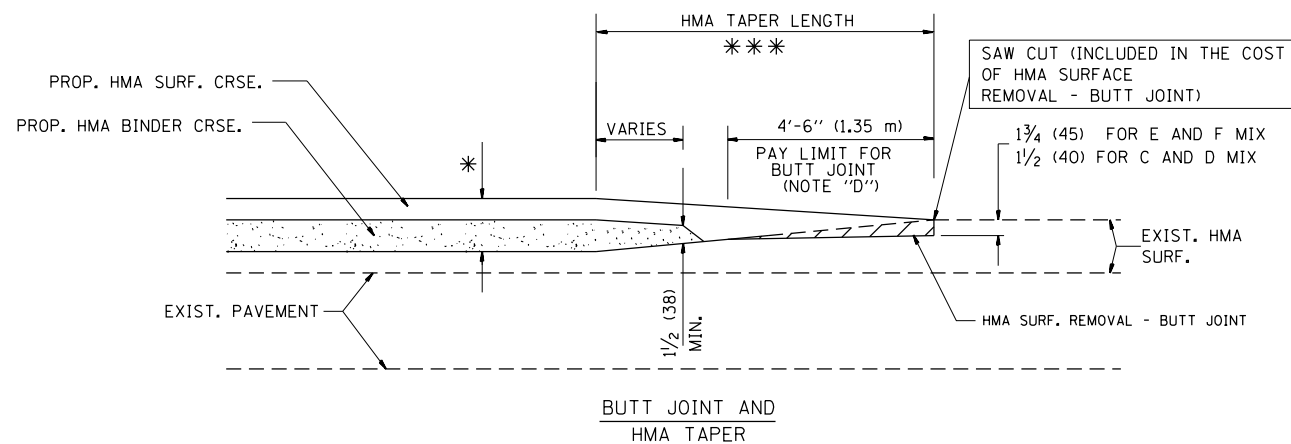
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 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

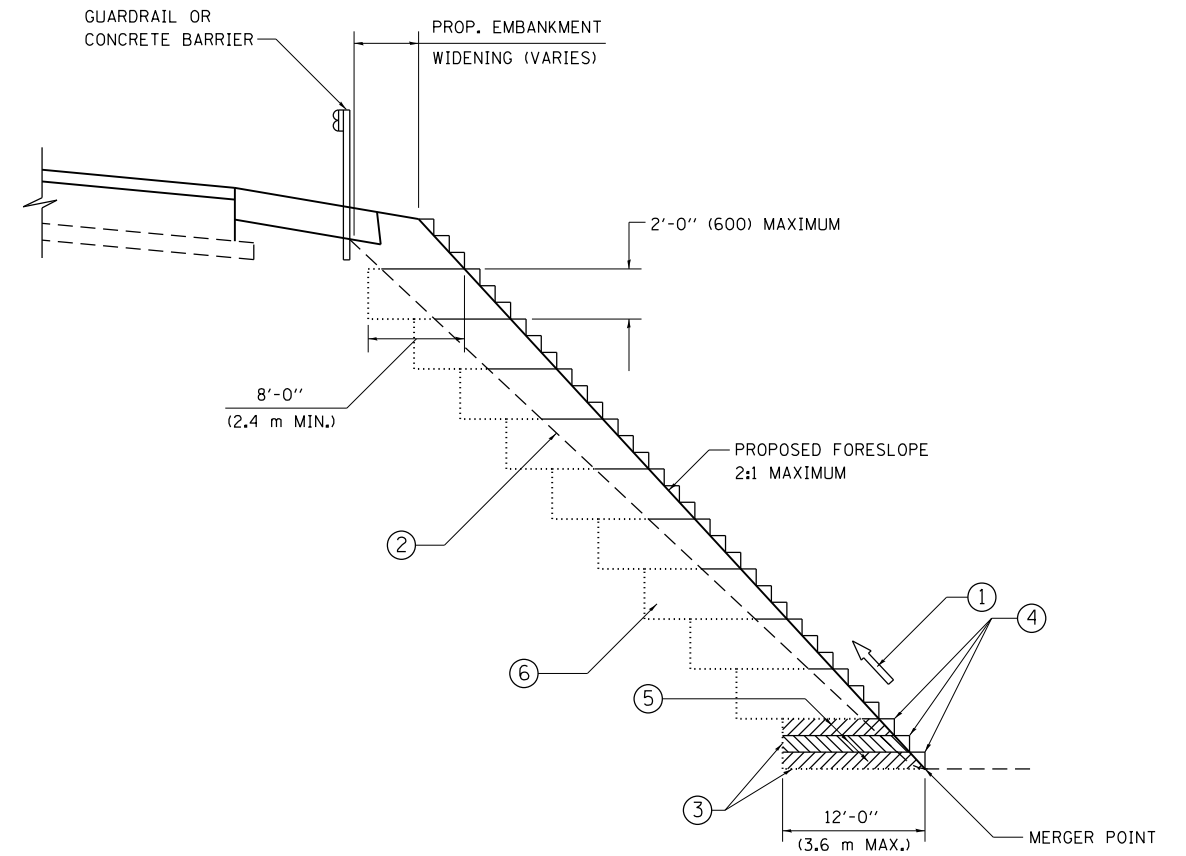
FILE NAME =	USER NAME = rostkowski	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-shr-cover.dgn		CHECKED -	REVISED - A. ABBAS 03-21-97
		DATE - 06-13-90	REVISED - M. GOMEZ 04-06-01
			REVISED - 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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	70
BD400-05		BD32	CONTRACT NO. 62B60	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

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

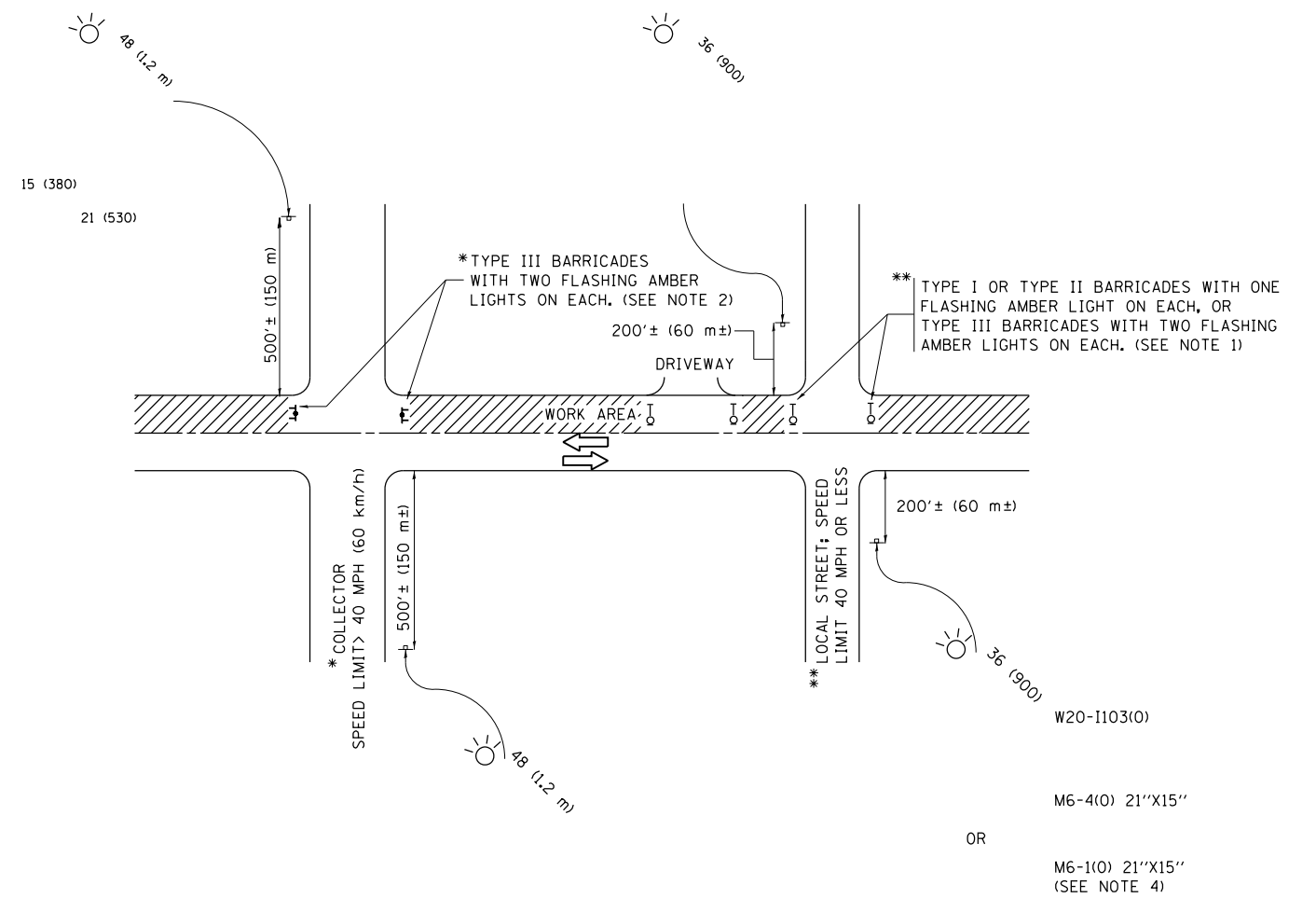
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	PLOT DATE = 2/15/2017	DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	71
BD-51			CONTRACT NO. 62B60	
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.

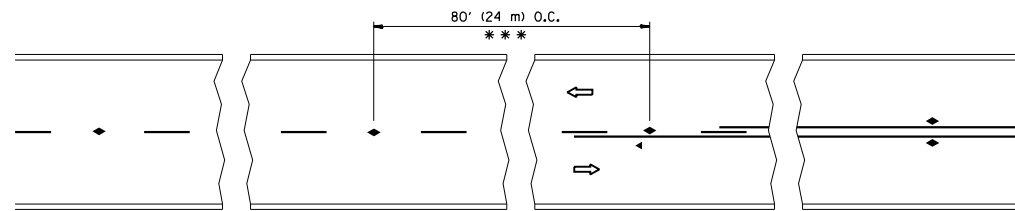
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	PLOT DATE = 2/15/2017	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

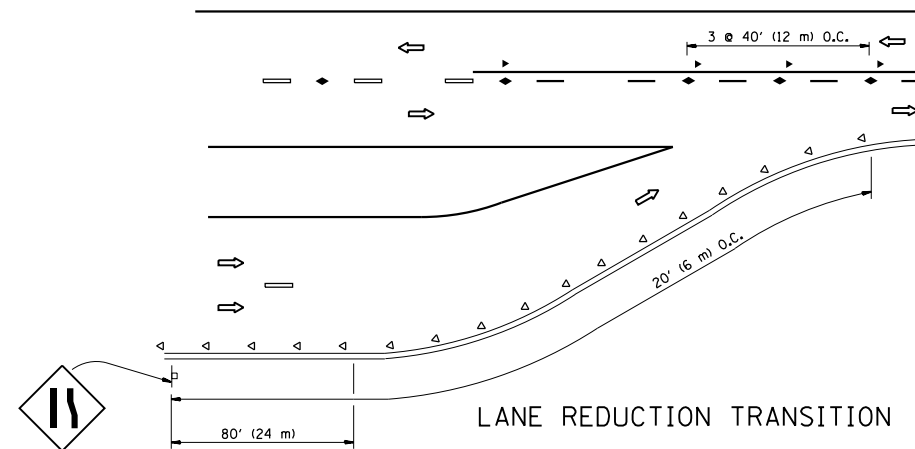
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 62B60	
ILLINOIS FED. AID PROJECT				

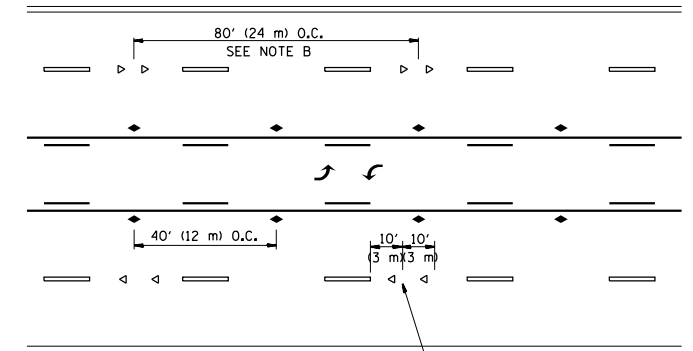


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

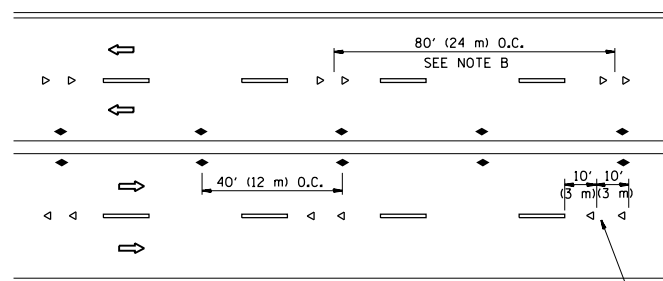
TWO-LANE/TWO-WAY



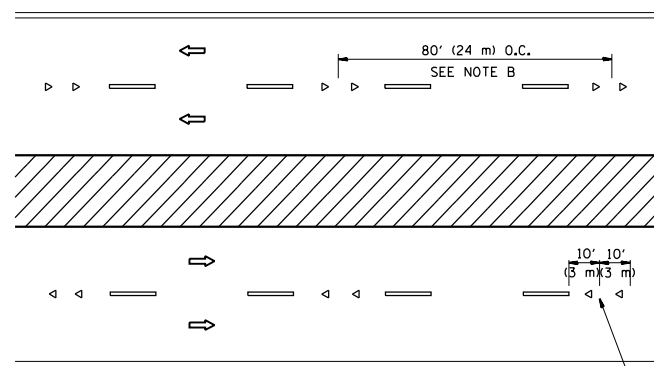
LANE REDUCTION TRANSITION



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

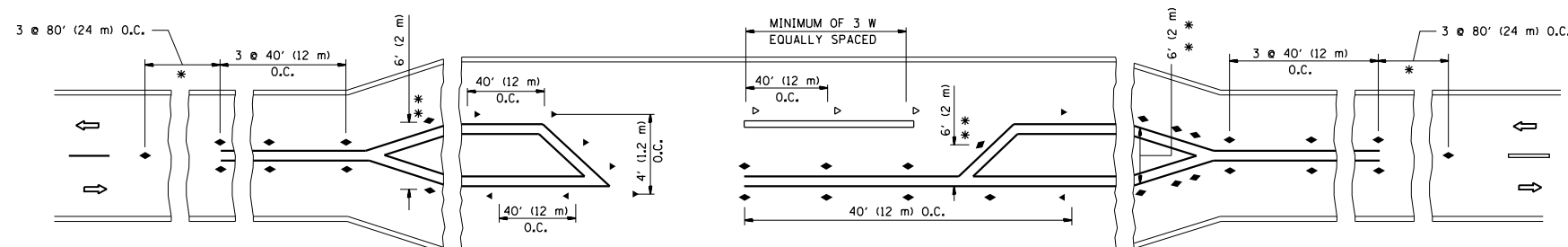
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.



LEFT TURN

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

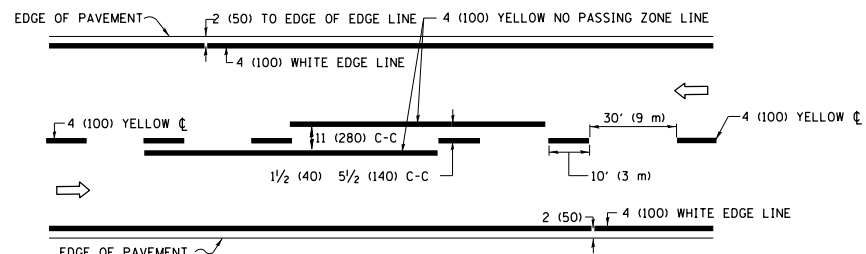
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		DATE -	REVISED - T. RAMMACHER 01-06-00
			REVISED - C. JUCIUS 09-09-09

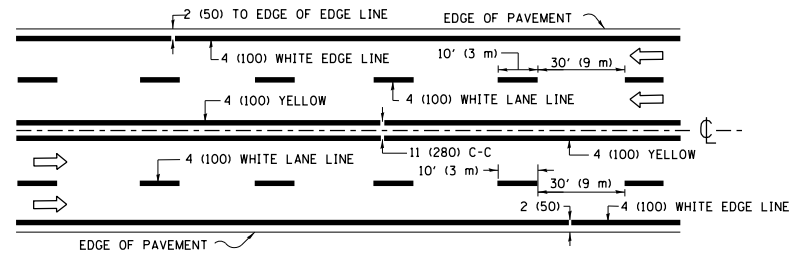
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

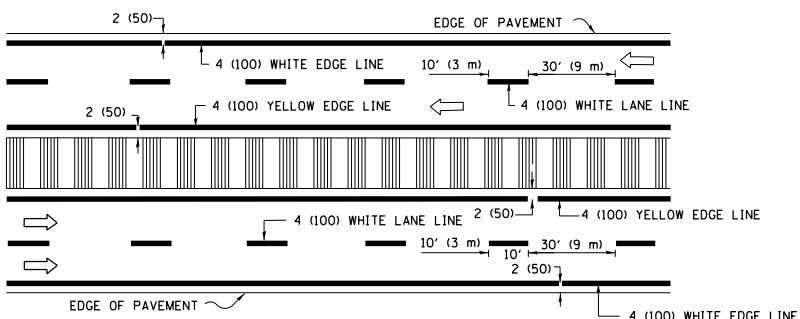
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	73
TC-11		CONTRACT NO. 62B60		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

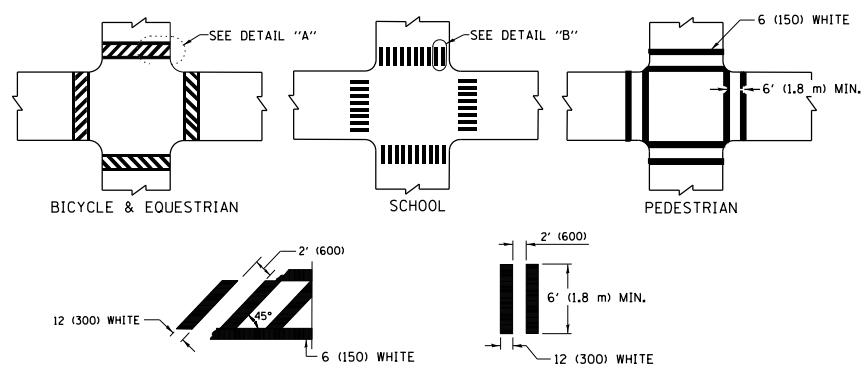


MULTI-LANE UNDIVIDED



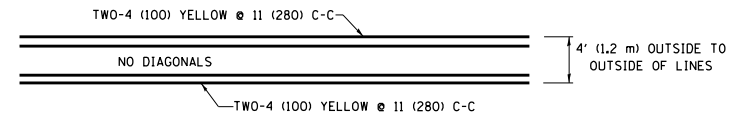
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

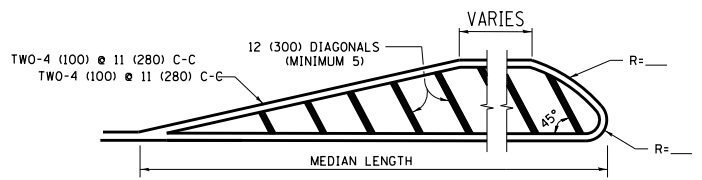


TYPICAL CROSSWALK MARKING

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

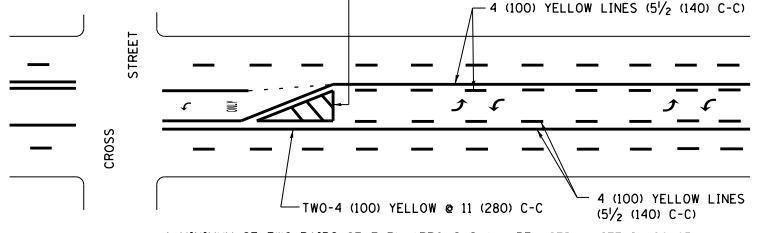


4' (1.2 m) WIDE MEDIANS ONLY

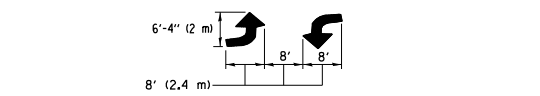


MEDIANS OVER 4' (1.2 m) WIDE

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))



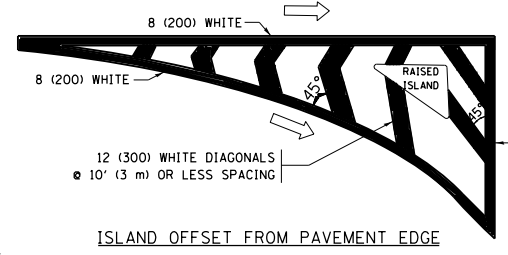
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



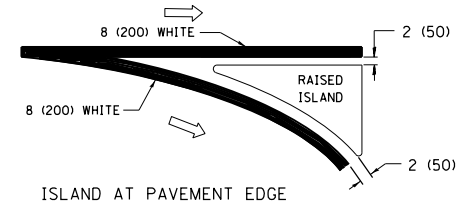
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

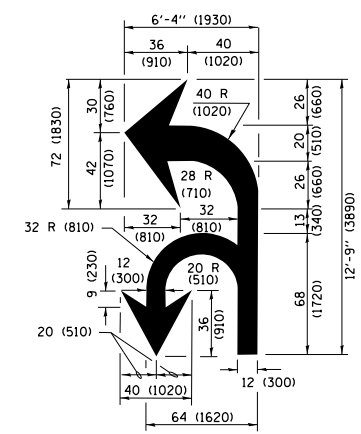
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



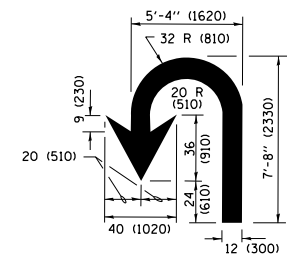
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



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 1/2 (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 (EXTENSIONS 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 1/2 (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 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.
GORE 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" IS 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 = rostkowski	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
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	PLOT DATE = 2/15/2017		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.
349	15N-6	WILL	98	74
TC-13		CONTRACT NO. 62B60		
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

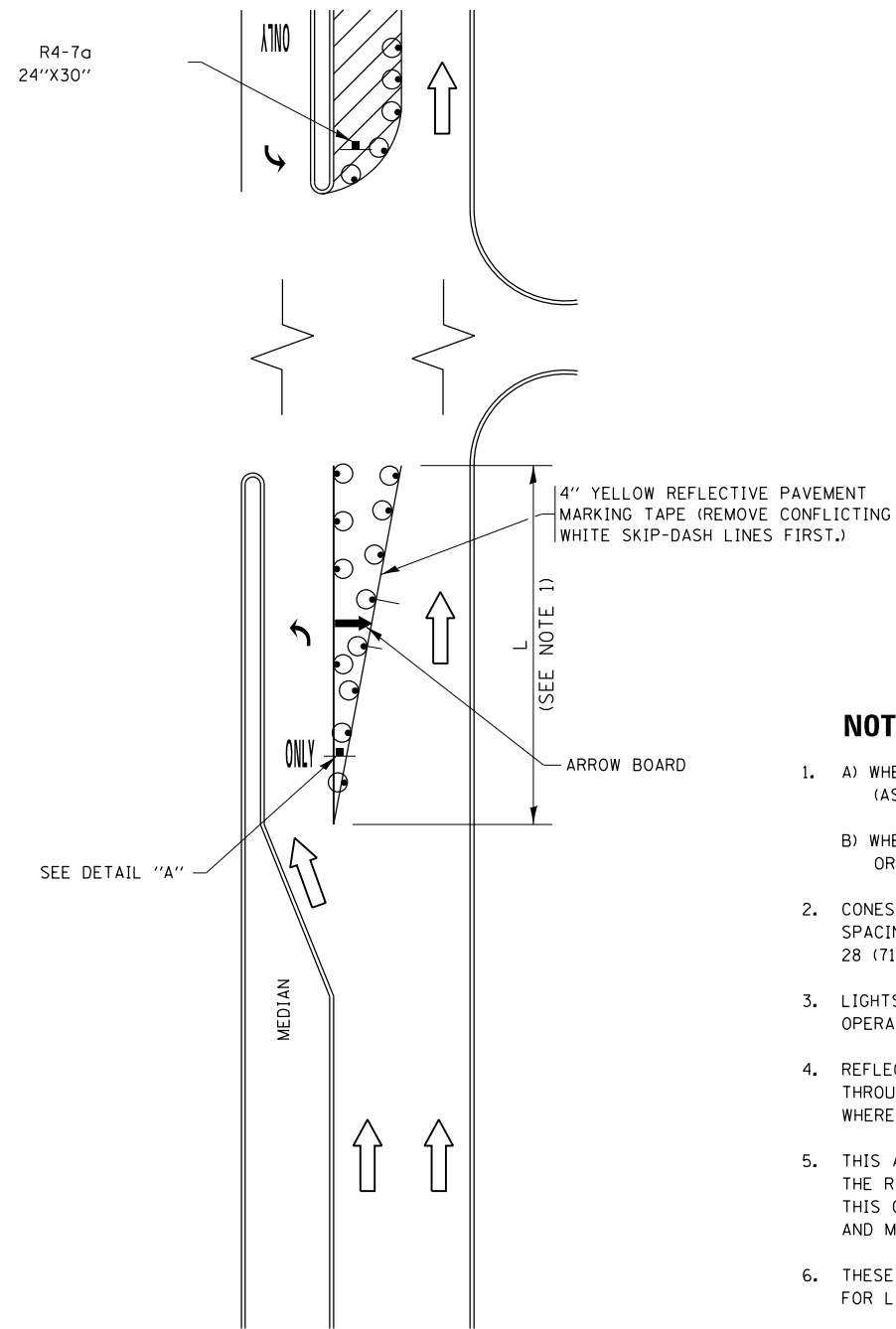
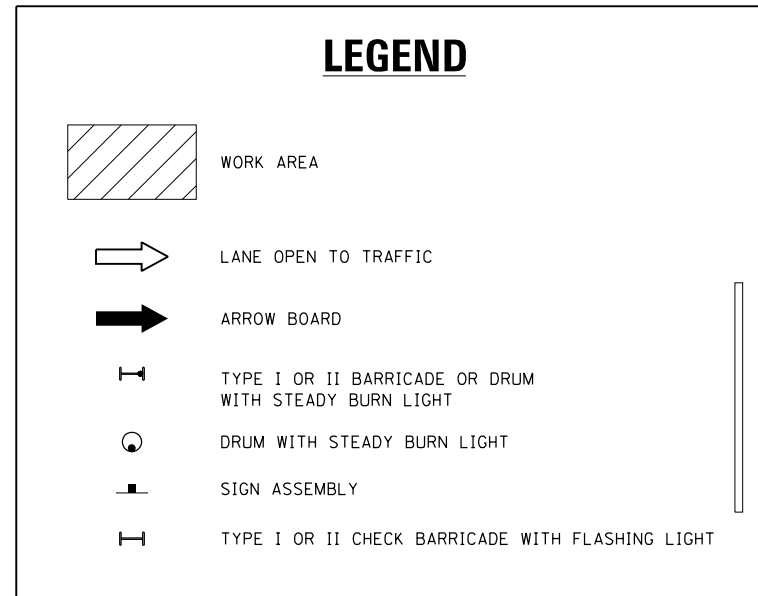


FIGURE 1



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 PREQUIREMENTS.
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

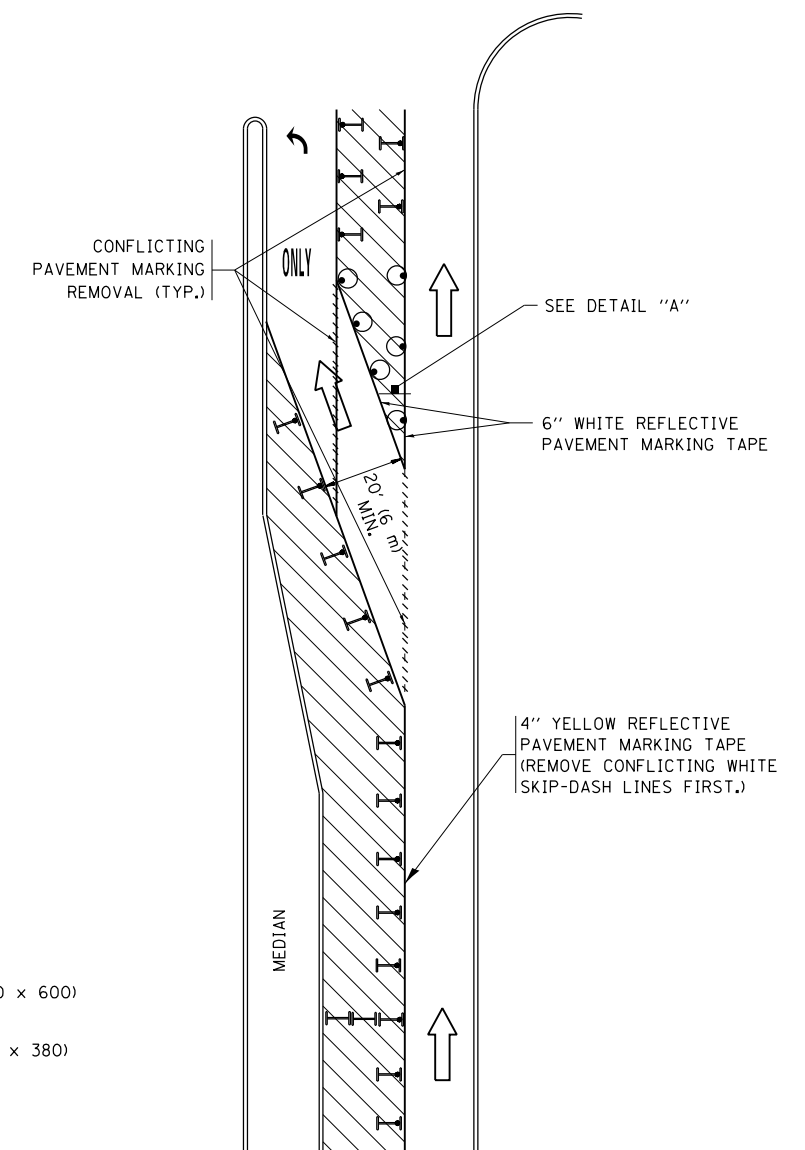
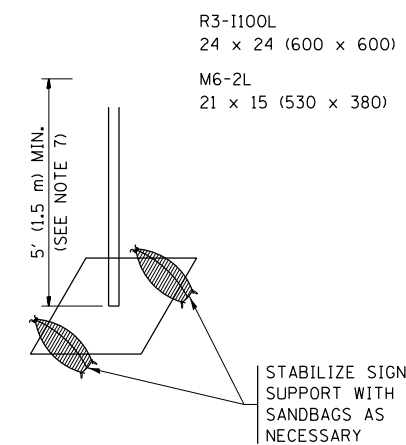


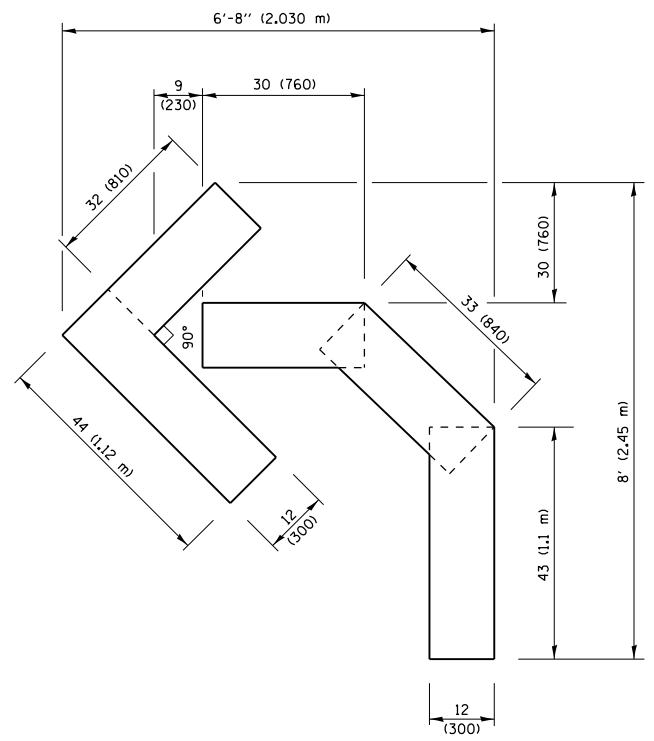
FIGURE 2



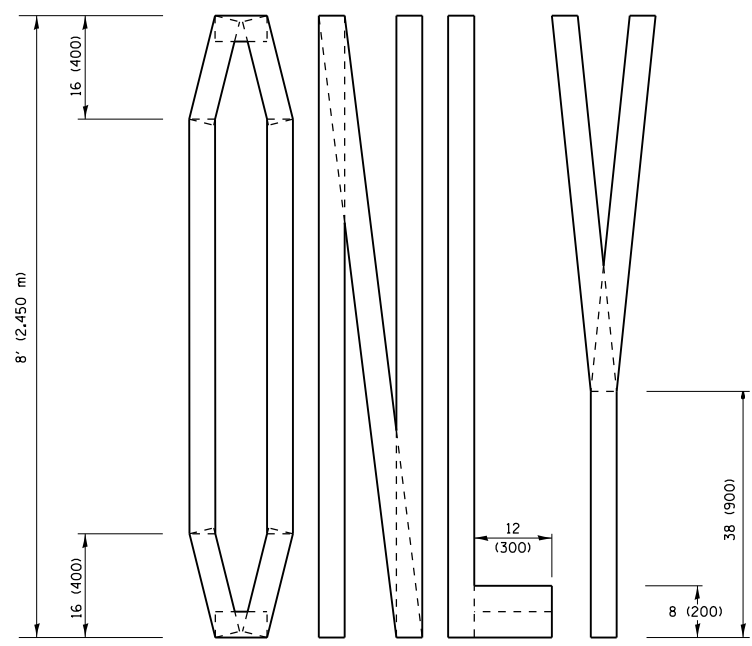
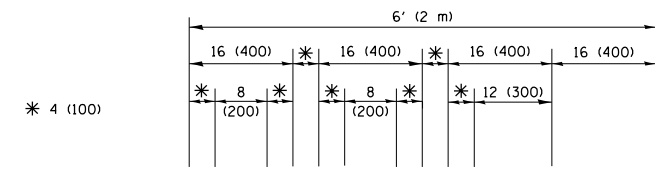
DETAIL A

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

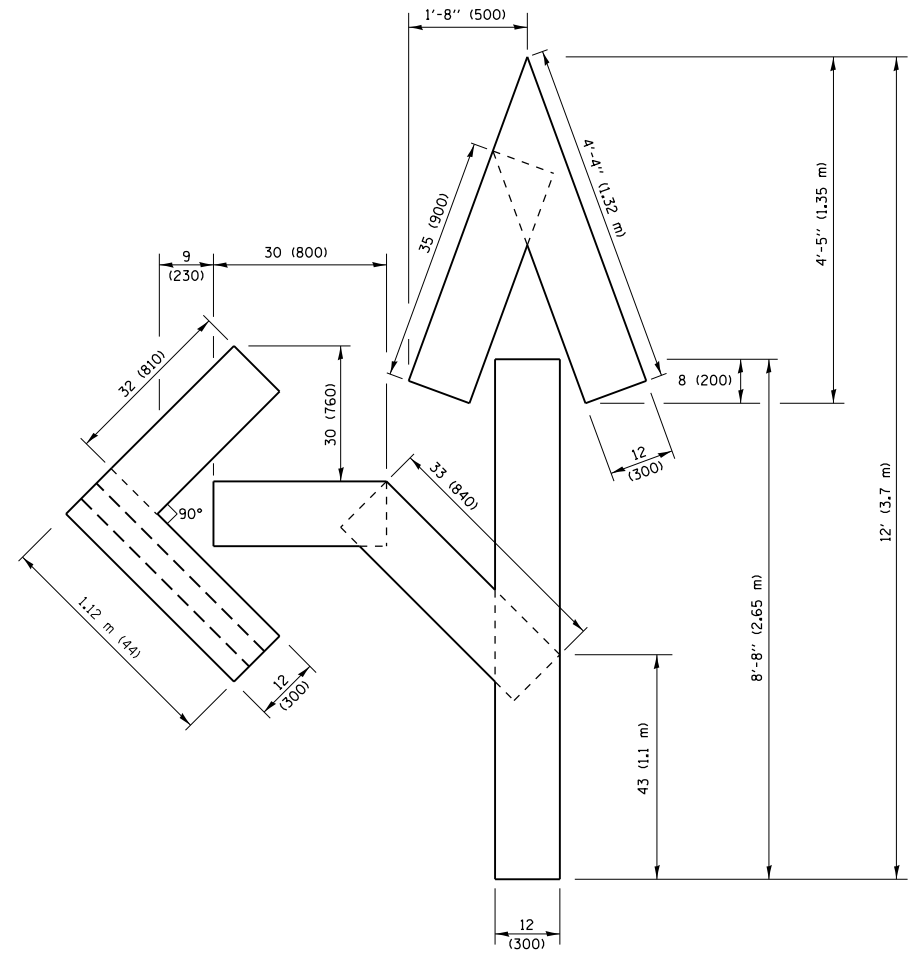
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Default	PLOT DATE = 2/15/2017	REVISED - T. RAMMACHER 01-06-00	REVISED -			TC-14		CONTRACT NO. 62B60			
						SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT



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

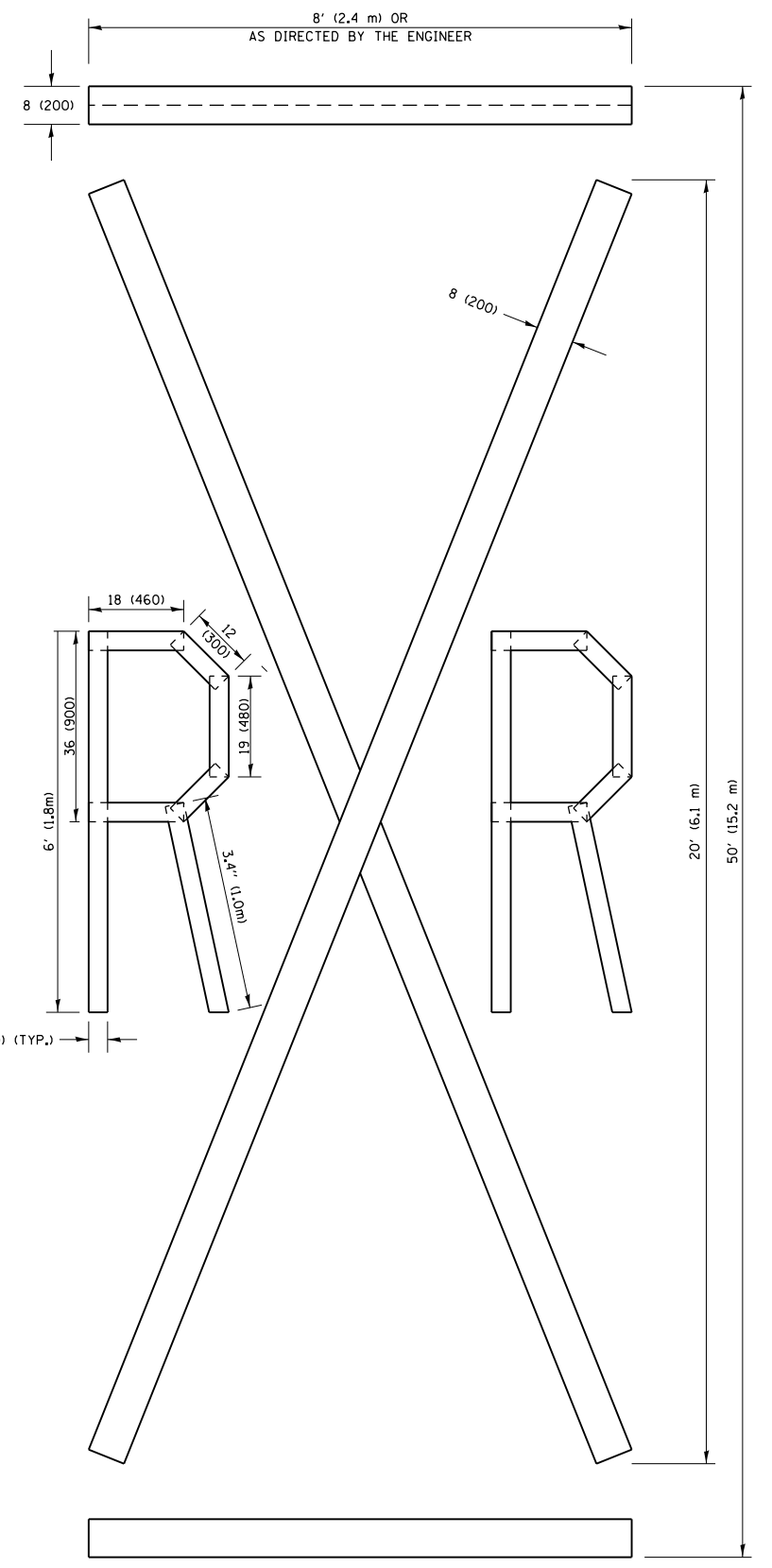


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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)

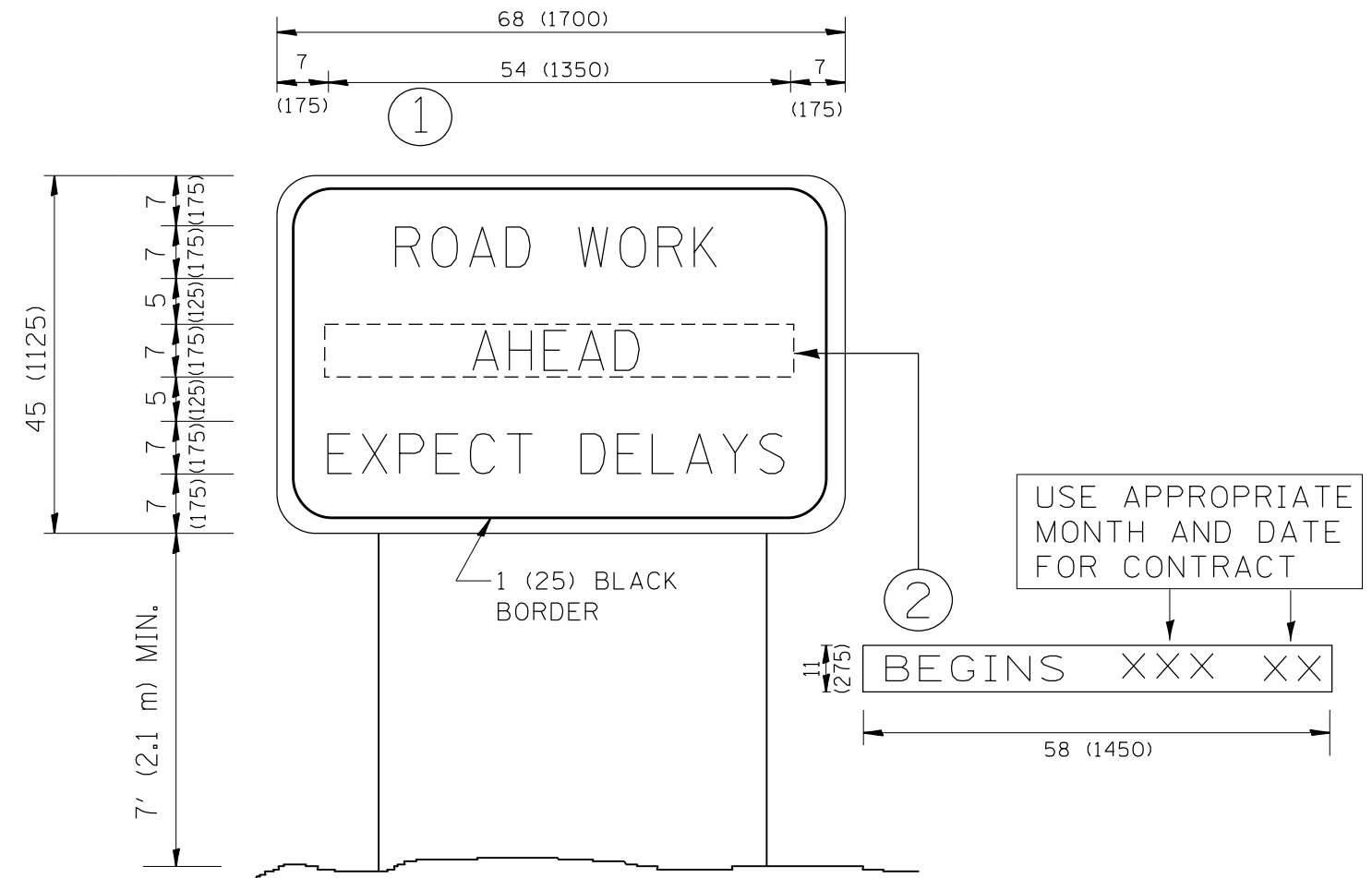
All dimensions are in inches (millimeters) unless otherwise shown.

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		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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	76
TC-16		CONTRACT NO. 62B60		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

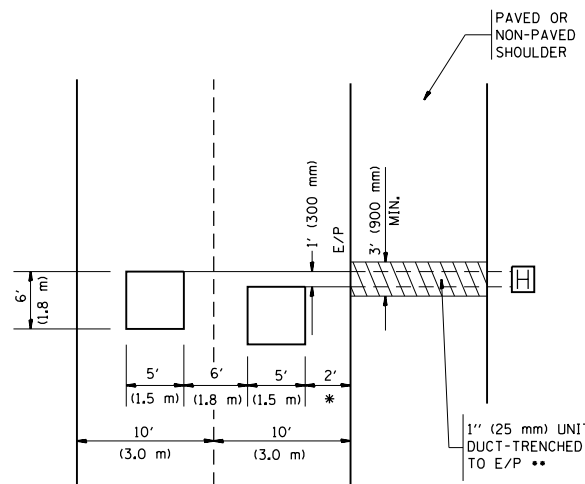
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\PI14512\Drawings\Design\PI14512-shit-cover.dgn		DRAWN -	REVISED - R. MIRS 12-11-97			349	15N-6	WILL	98	77
		CHECKED -	REVISED - T. RAMMACHER 02-02-99			TC-22		CONTRACT NO. 62B60		
		DATE -	REVISED - C. JUCIUS 01-31-07			<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				
		PLOT SCALE = 100.0000' / in.		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.			
		PLOT DATE = 2/15/2017								

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



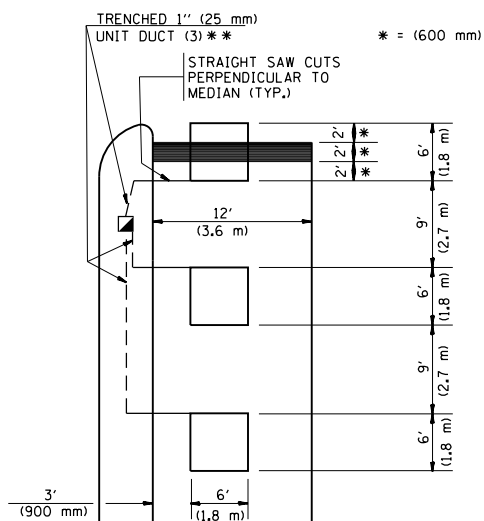
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



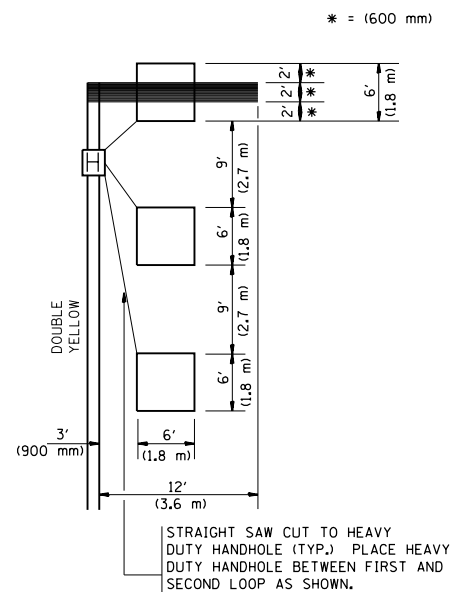
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

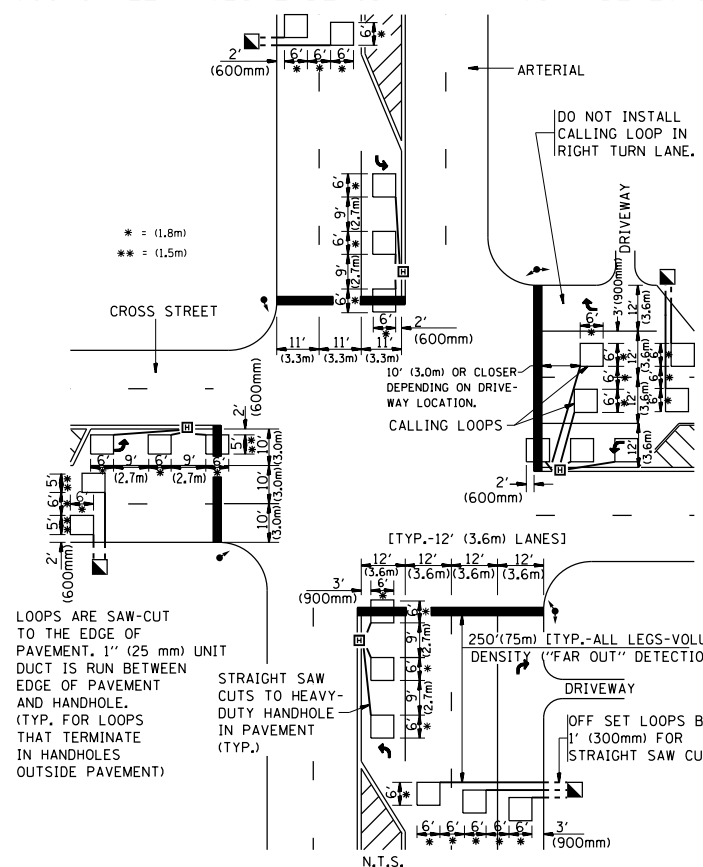
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)

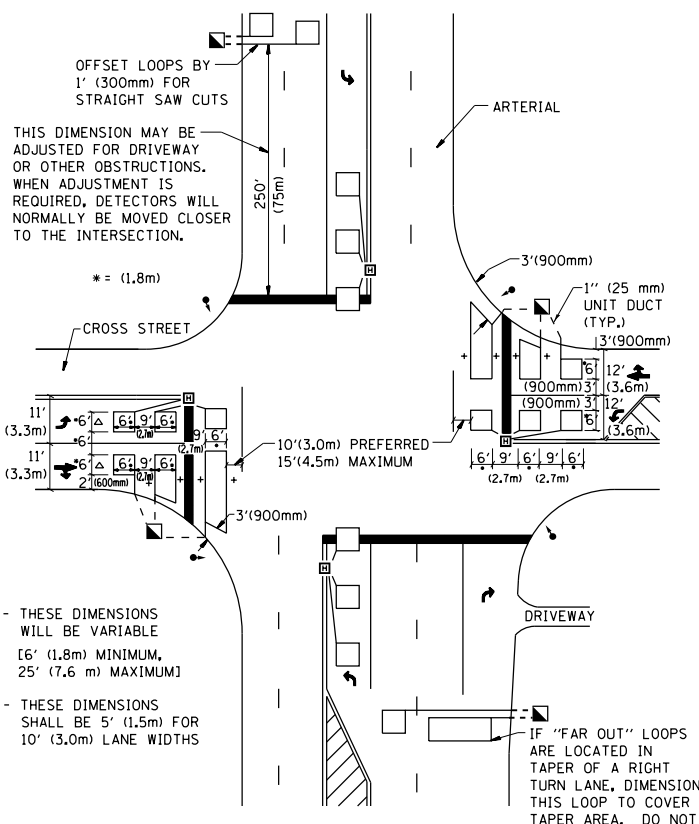


LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

△ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
N.T.S.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.		DATE -	REVISED -
PLOT DATE = 2/15/2017			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	78
TS-07		CONTRACT NO. 62B60		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

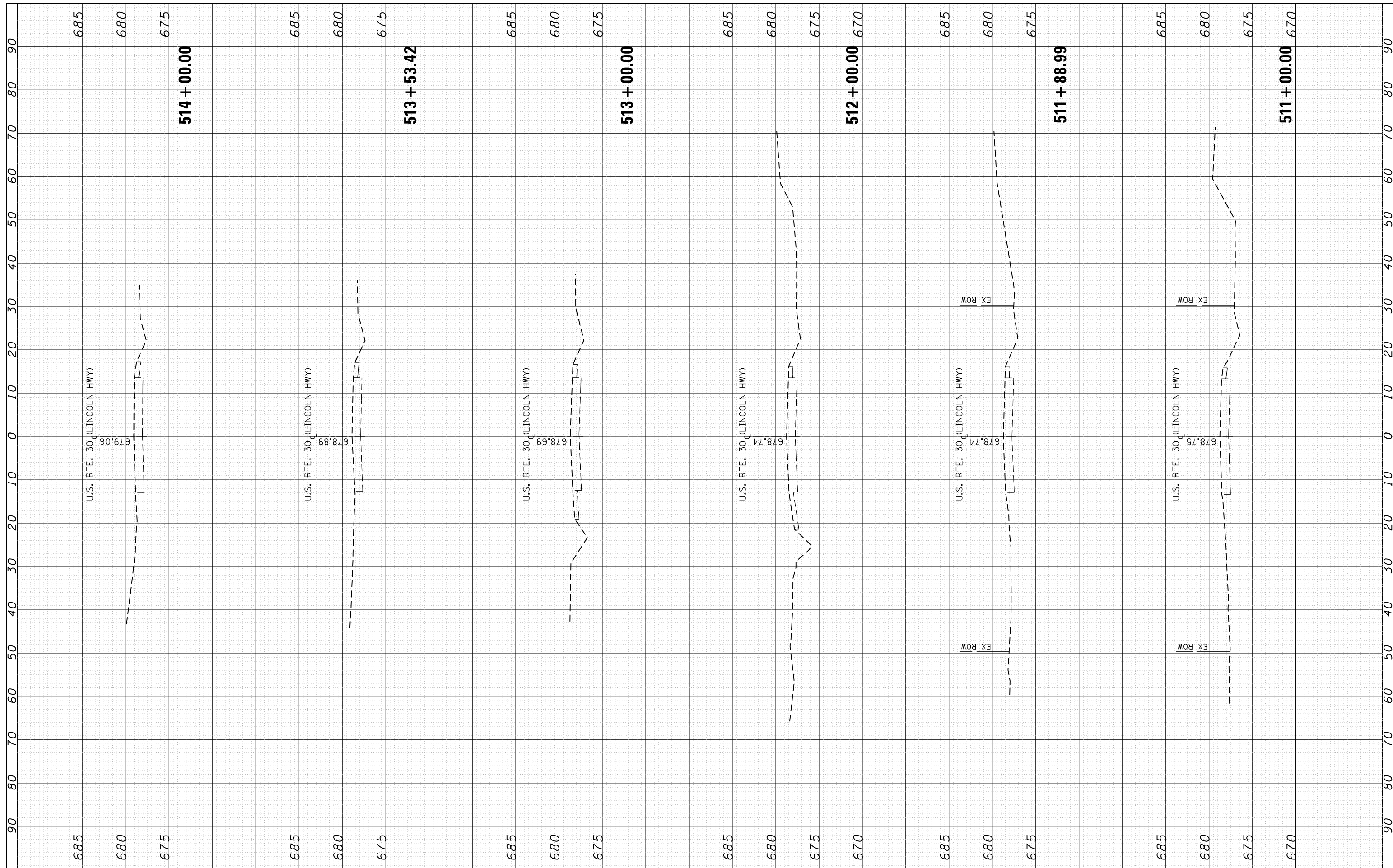
**CROSS SECTIONS
U.S. ROUTE 30 AT 119th STREET**

-- SHEET OF SHEETS STA. 515+00.00 TO STA. 515+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	79
CONTRACT NO. 62B60			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

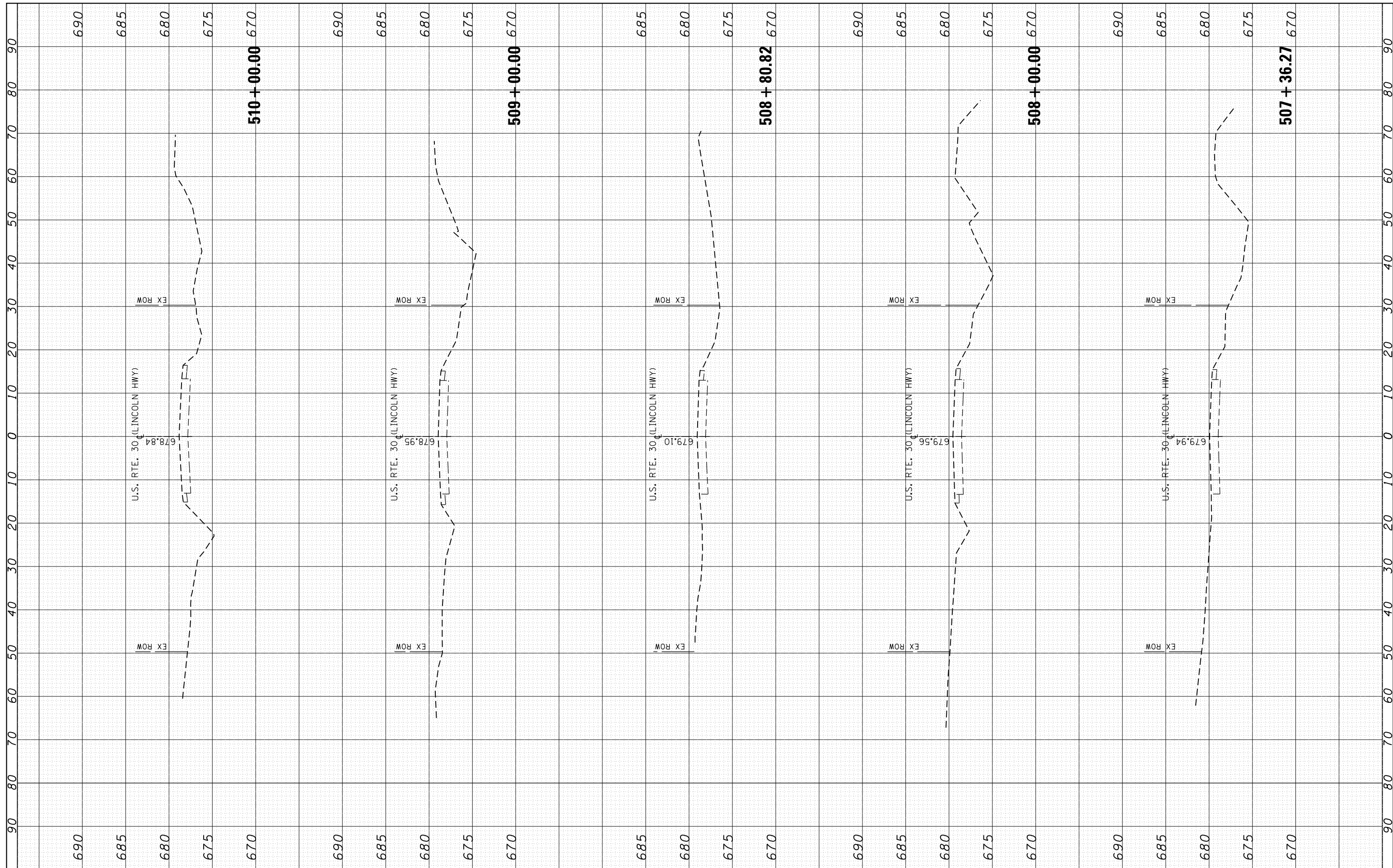
ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS U.S. ROUTE 30 AT 119th STREET			F.A.P. RTE. 349	SECTION 15N-6	COUNTY WILL	TOTAL SHEETS 98	SHEET NO. 80
Default	\\IL084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\P114512\CADD\DRAWING\PH4512-shr-cover.dgn	CHECKED -	REVISED -		SHEET OF SHEETS STA. 511+00.00 TO STA. 514+00.00			CONTRACT NO. 62B60				
	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = 2/15/2017											

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

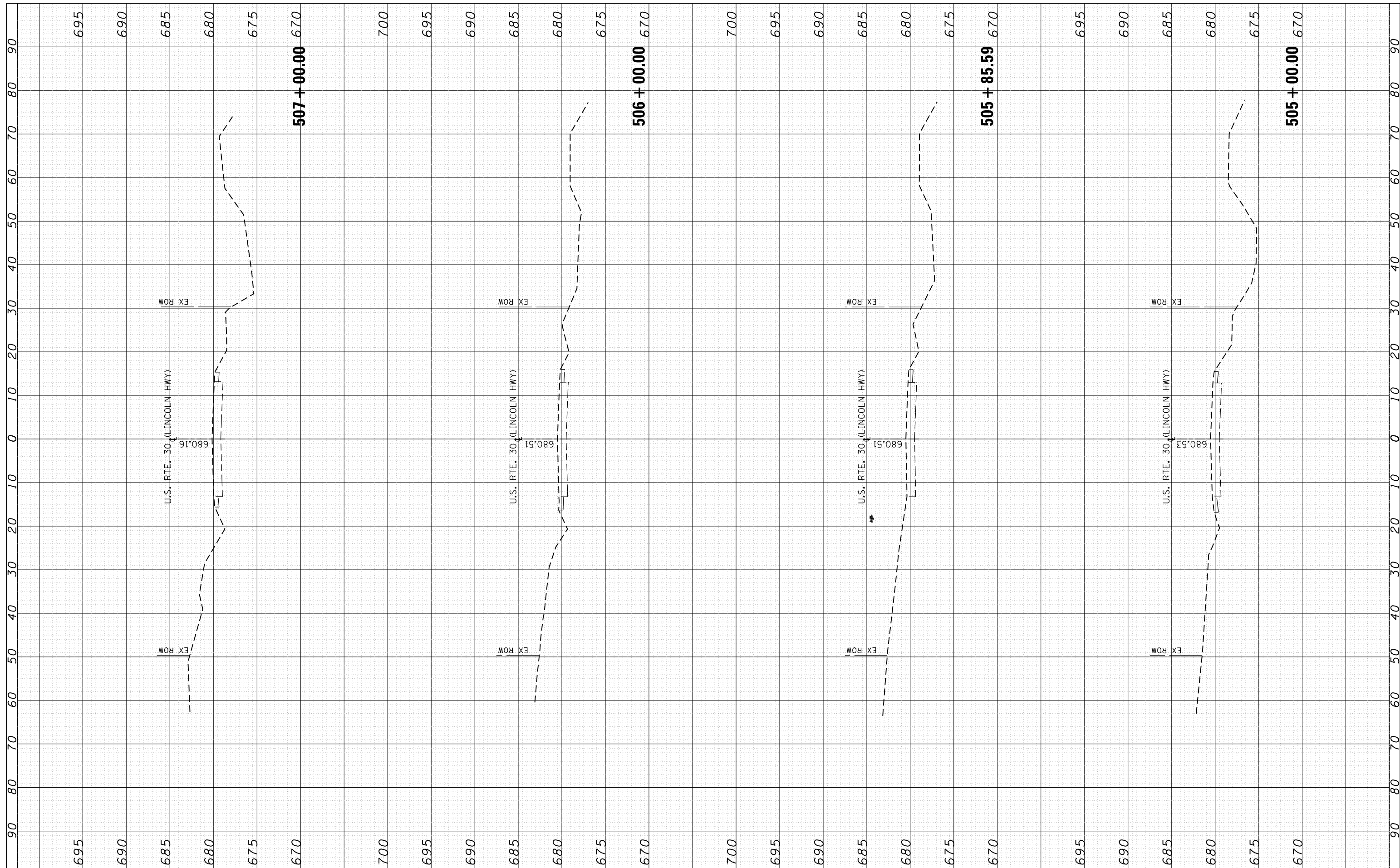
ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = rostkowsk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS U.S. ROUTE 30 AT 119th STREET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\P114512\CADD\Drawings\PH4512-shr-cover.dgn	DRAWN	REVISD -	REVISD -					349	15N-6	WILL	98	81
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	PLOT DATE = 2/15/2017	DATE -	REVISD -					ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

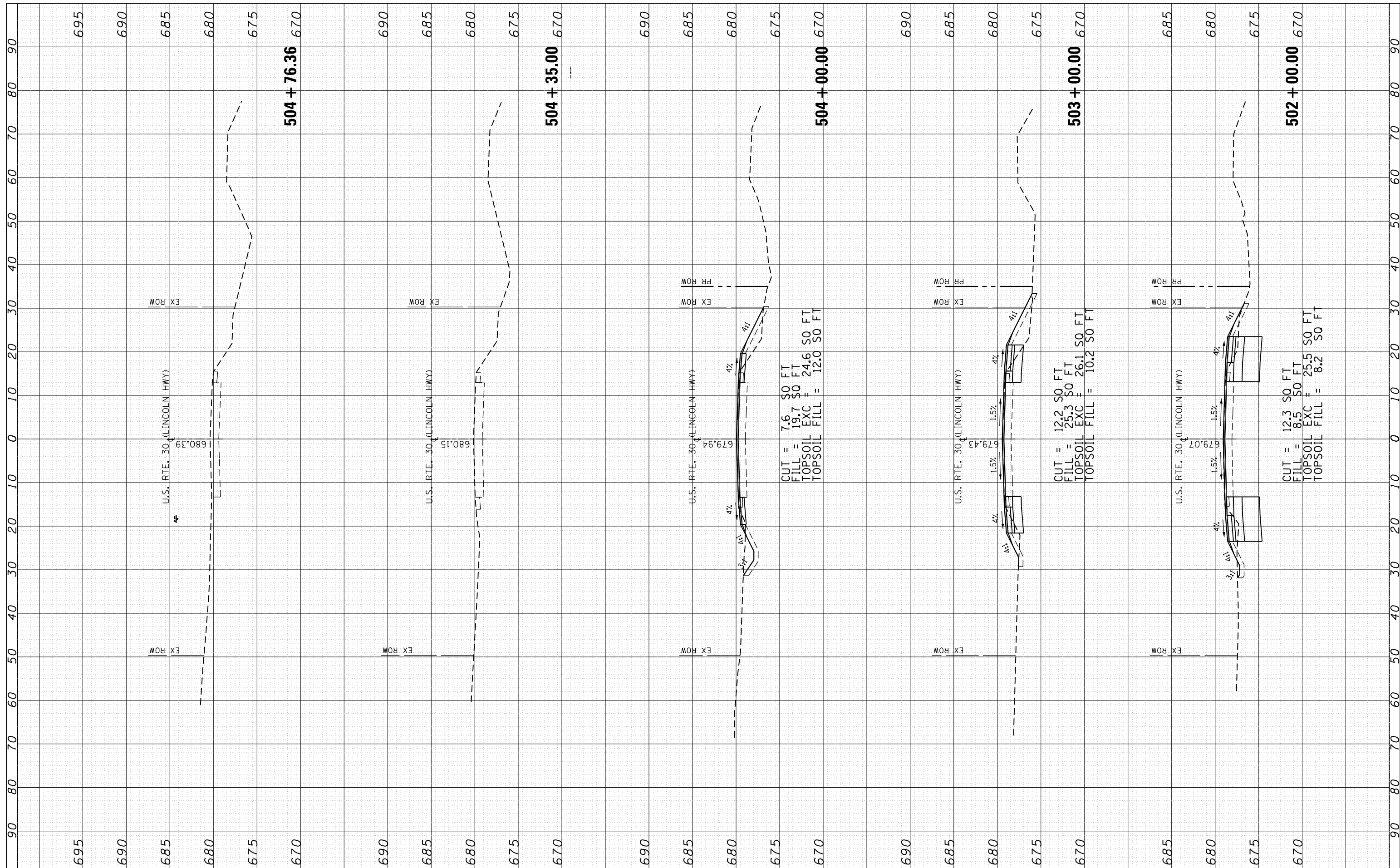
ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS U.S. ROUTE 30 AT 119th STREET			F.A.P. RTE. 349	SECTION 15N-6	COUNTY WILL	TOTAL SHEETS 98	SHEET NO. 82
Default	Plot Scale = 100.0000' / in.	CHECKED -	REVISED -		SHEET OF SHEETS STA. 505+00.00 TO STA. 507+00.00			CONTRACT NO. 62B60				
	Plot Date = 2/15/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		



CUT = 7.6 SO FT
 FILL = 19.7 SO FT
 TOPSOIL EXC = 24.6 SO FT
 TOPSOIL FILL = 12.0 SO FT

CUT = 12.2 SO FT
 FILL = 25.3 SO FT
 TOPSOIL EXC = 26.1 SO FT
 TOPSOIL FILL = 10.2 SO FT

CUT = 12.3 SO FT
 FILL = 8.5 SO FT
 TOPSOIL EXC = 25.5 SO FT
 TOPSOIL FILL = 8.2 SO FT

FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -
		REVISOR -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

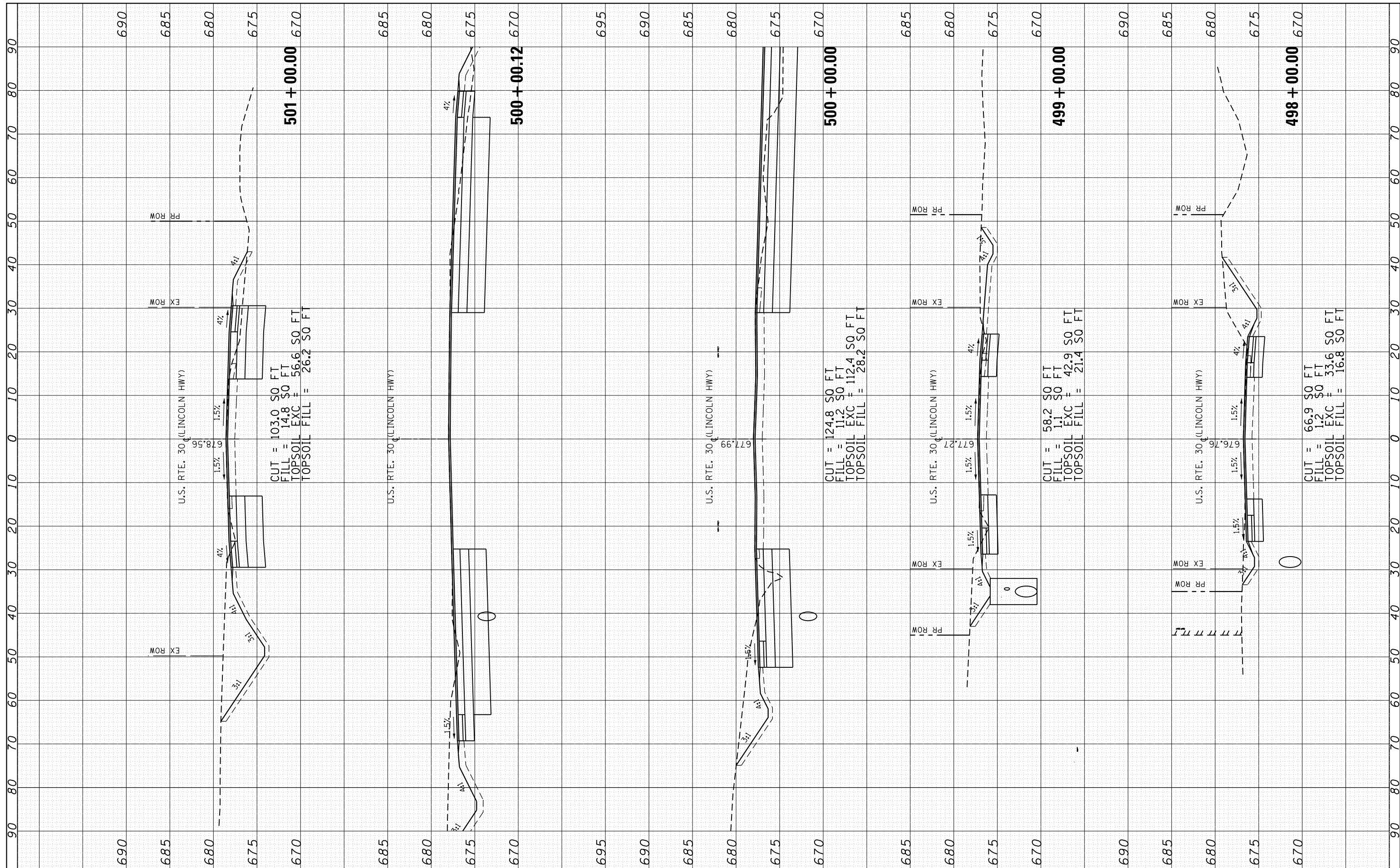
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS	
U.S. ROUTE 30 AT 119th STREET	
SHEET	OF SHEETS
STA. 502+00.00	TO STA. 504+76.36

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	83
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISOR -
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PLOT DATE = 2/15/2017	DATE -	REVISOR -	

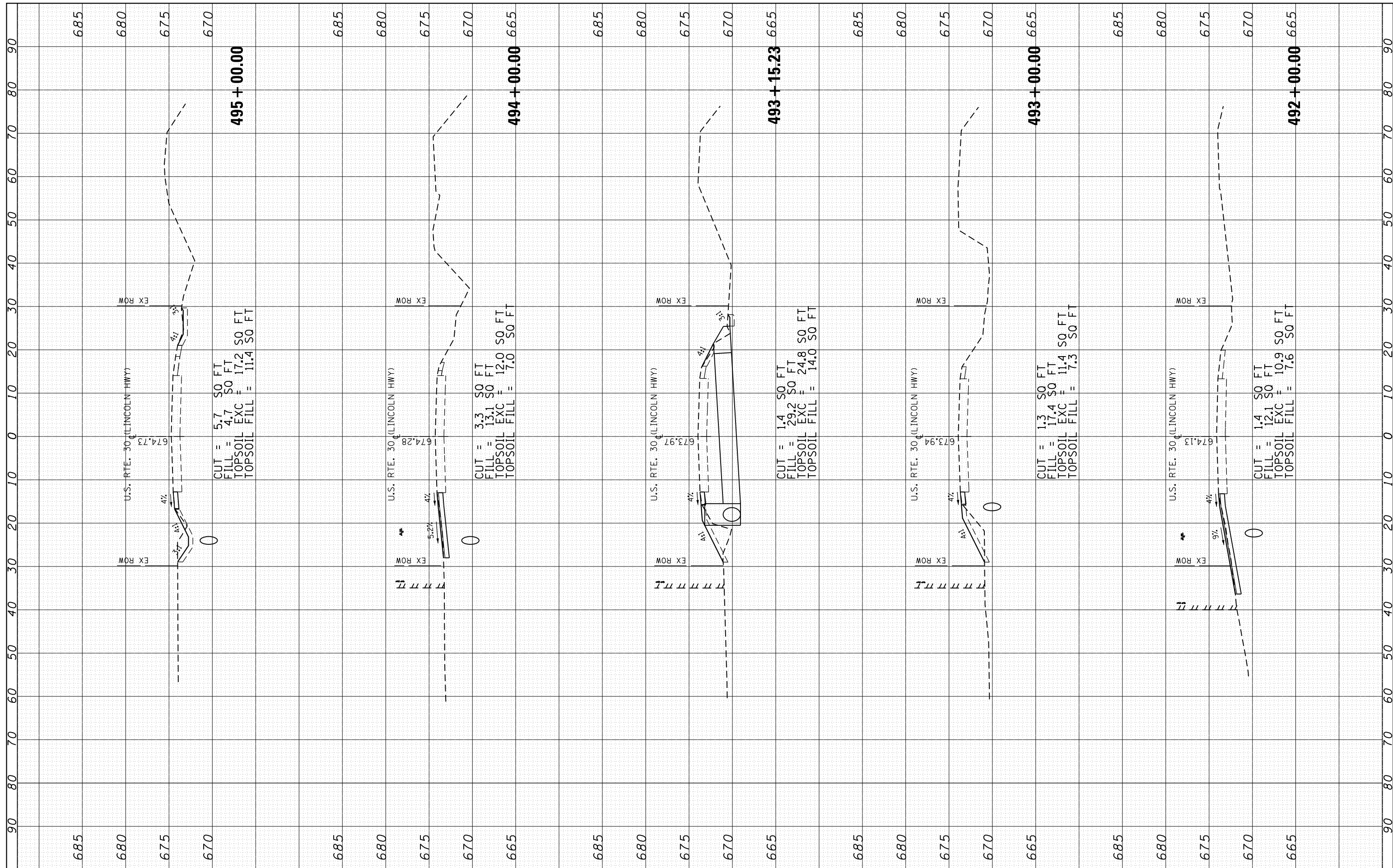
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
U.S. ROUTE 30 AT 119th STREET			
SHEET	OF	SHEETS	STA. 498+00.00 TO STA. 501+00.00

F.A.P. RTE. 349	SECTION 15N-6	COUNTY WILL	TOTAL SHEETS 98	SHEET NO. 84
			CONTRACT NO. 62B60	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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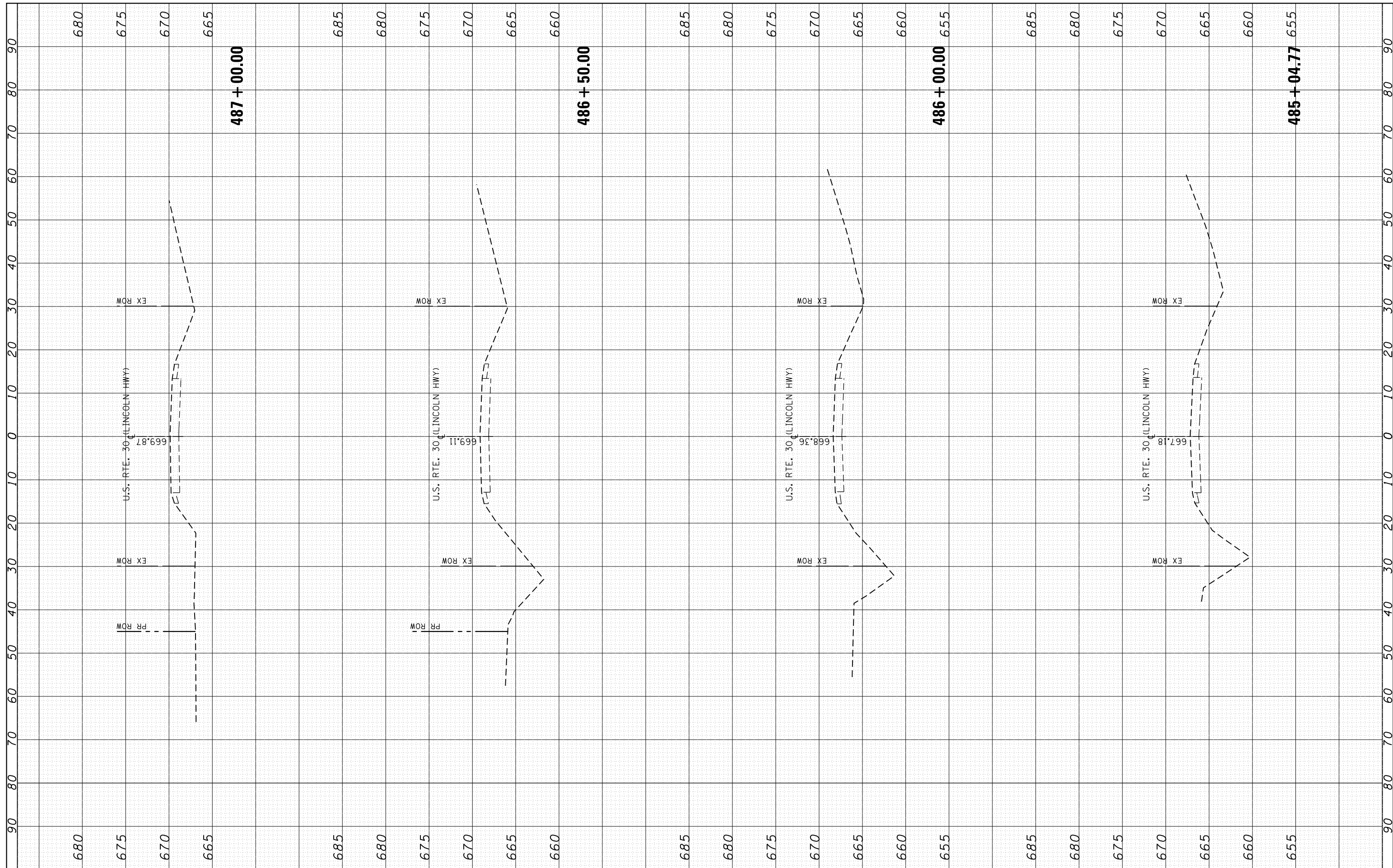
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
U.S. ROUTE 30 AT 119th STREET	
SHEET	OF SHEETS
STA. 492+00.00 TO STA. 495+00.00	

F.A.P. RTE. 349	SECTION 15N-6	COUNTY WILL	TOTAL SHEETS 98	SHEET NO. 86
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -
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		DATE -	REVISED -

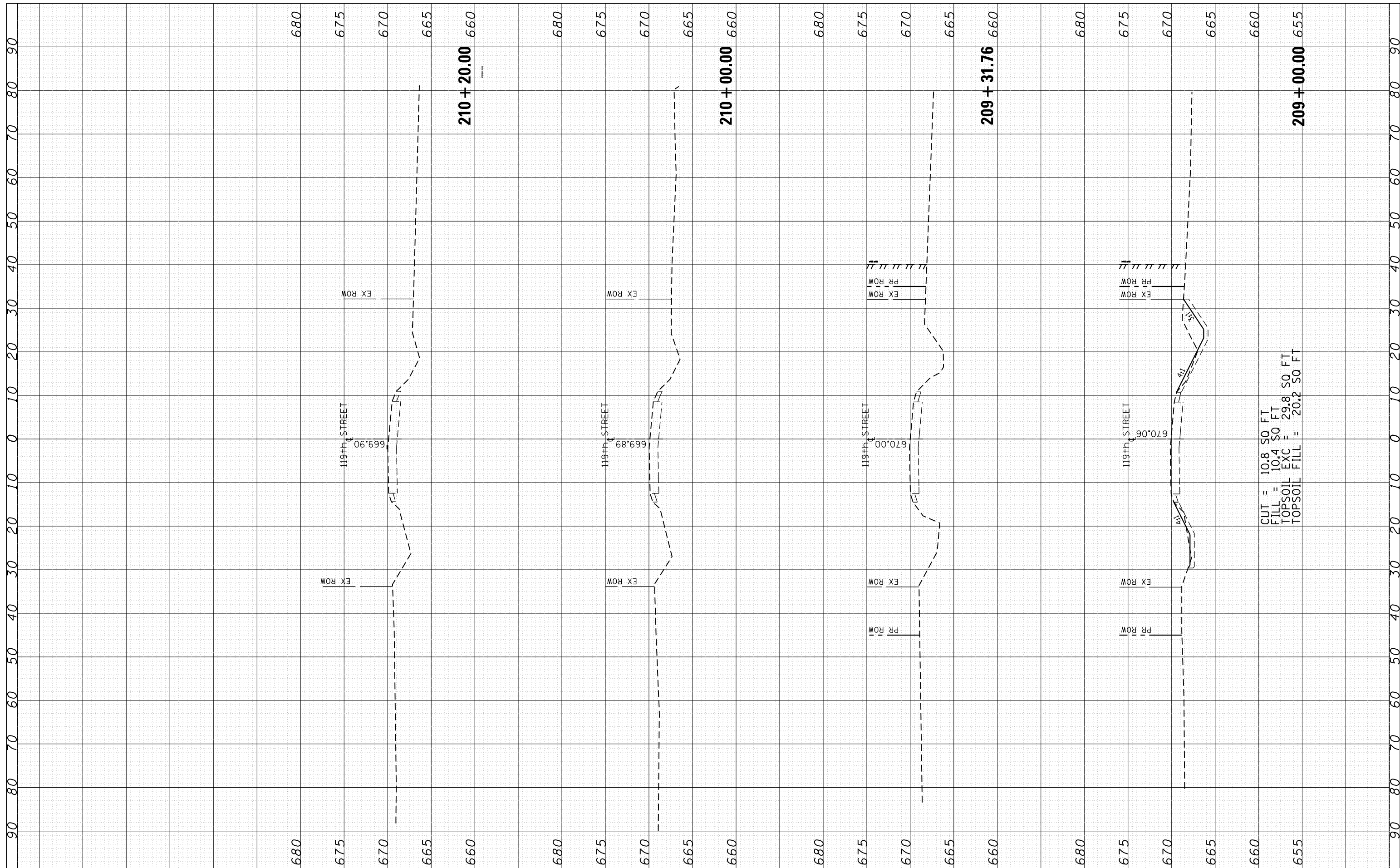
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
U.S. ROUTE 30 AT 119th STREET			
SHEET	OF	SHEETS	STA. 485+04.77 TO STA. 487+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	88
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				

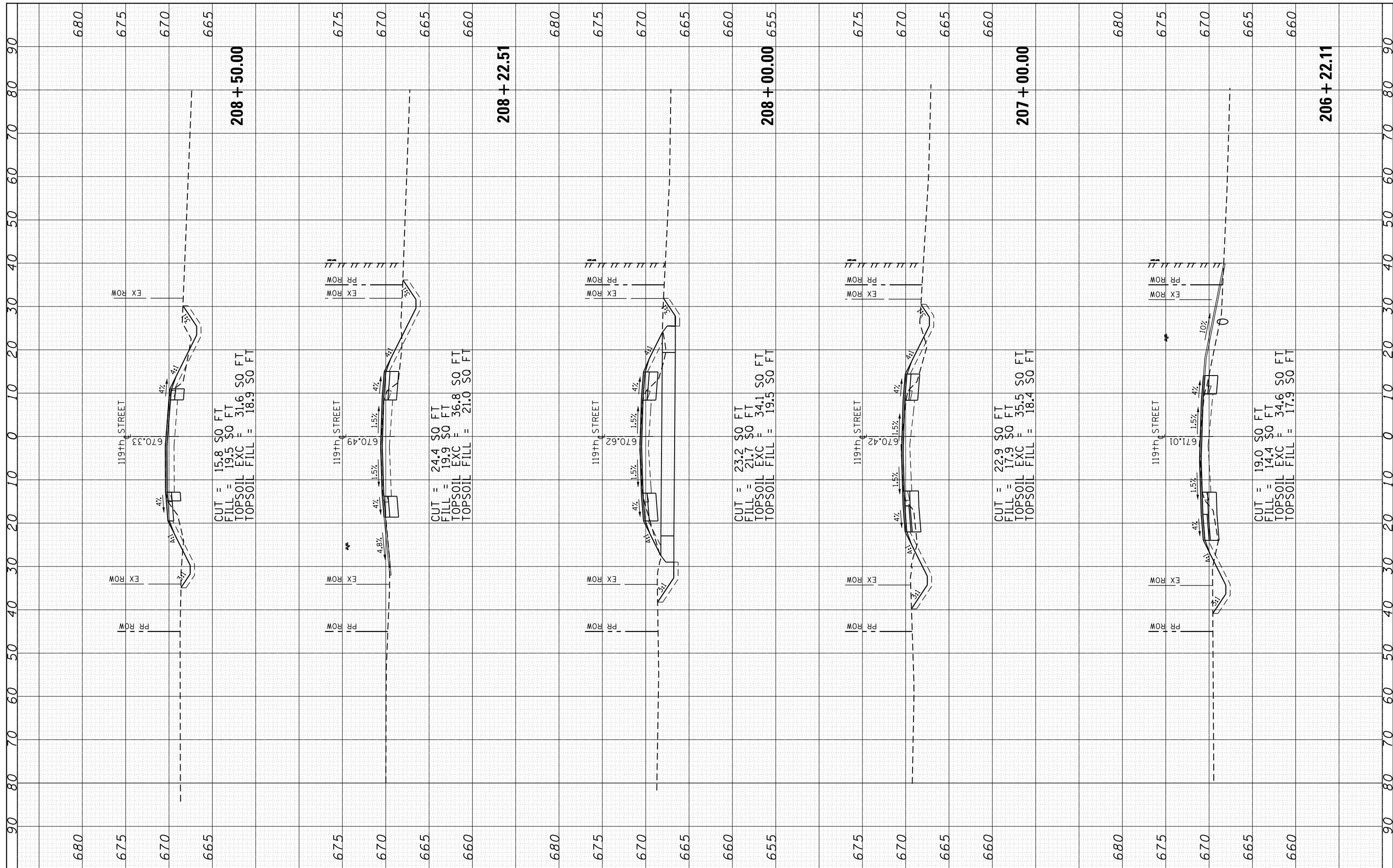
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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



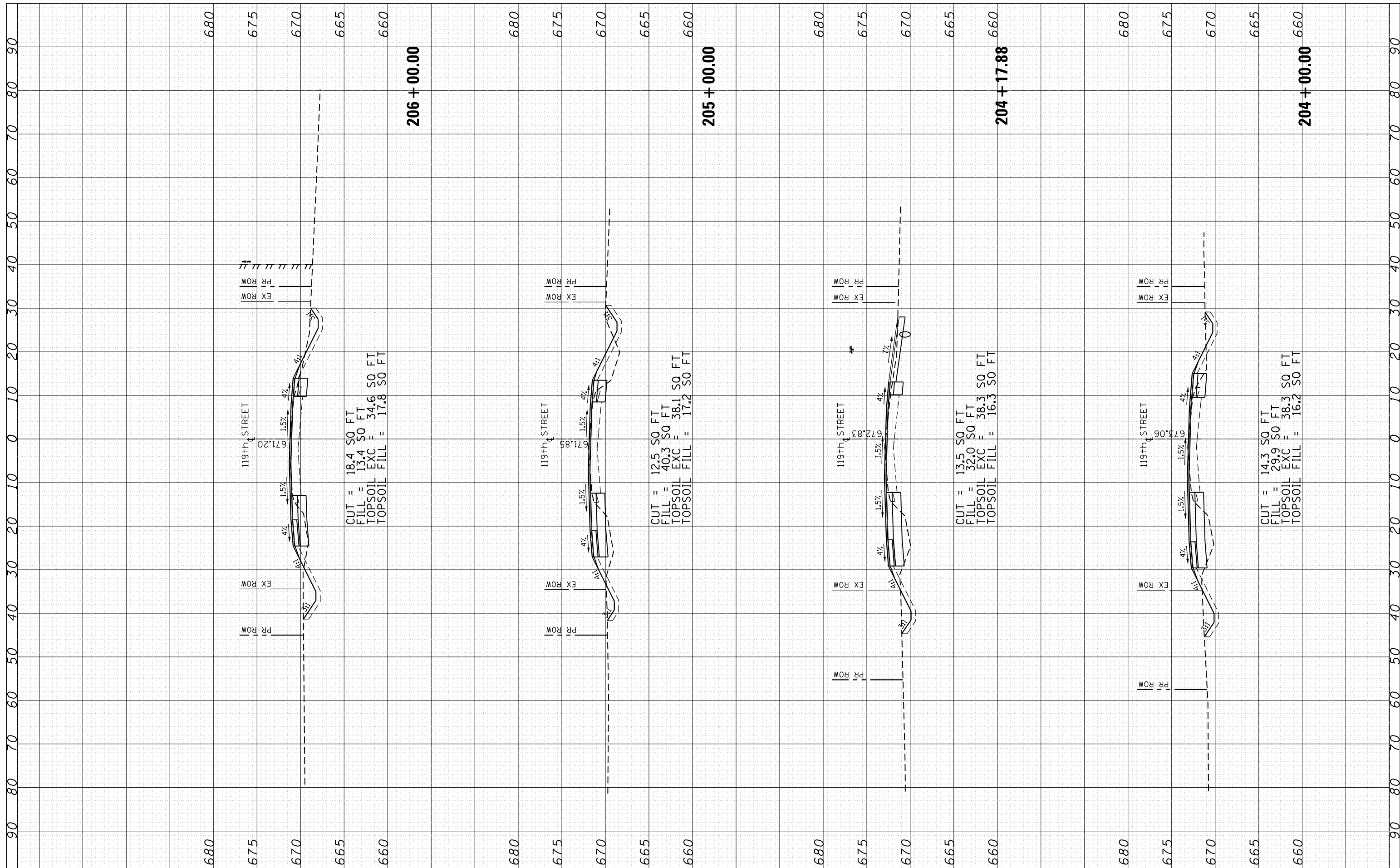
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NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 USER NAME = rostkowsk
 DESIGNED -
 PLOT SCALE = 100.0000' / 1".
 CHECKED -
 PLOT DATE = 2/15/2017
 DATE -

REVISED -
 REVISED -
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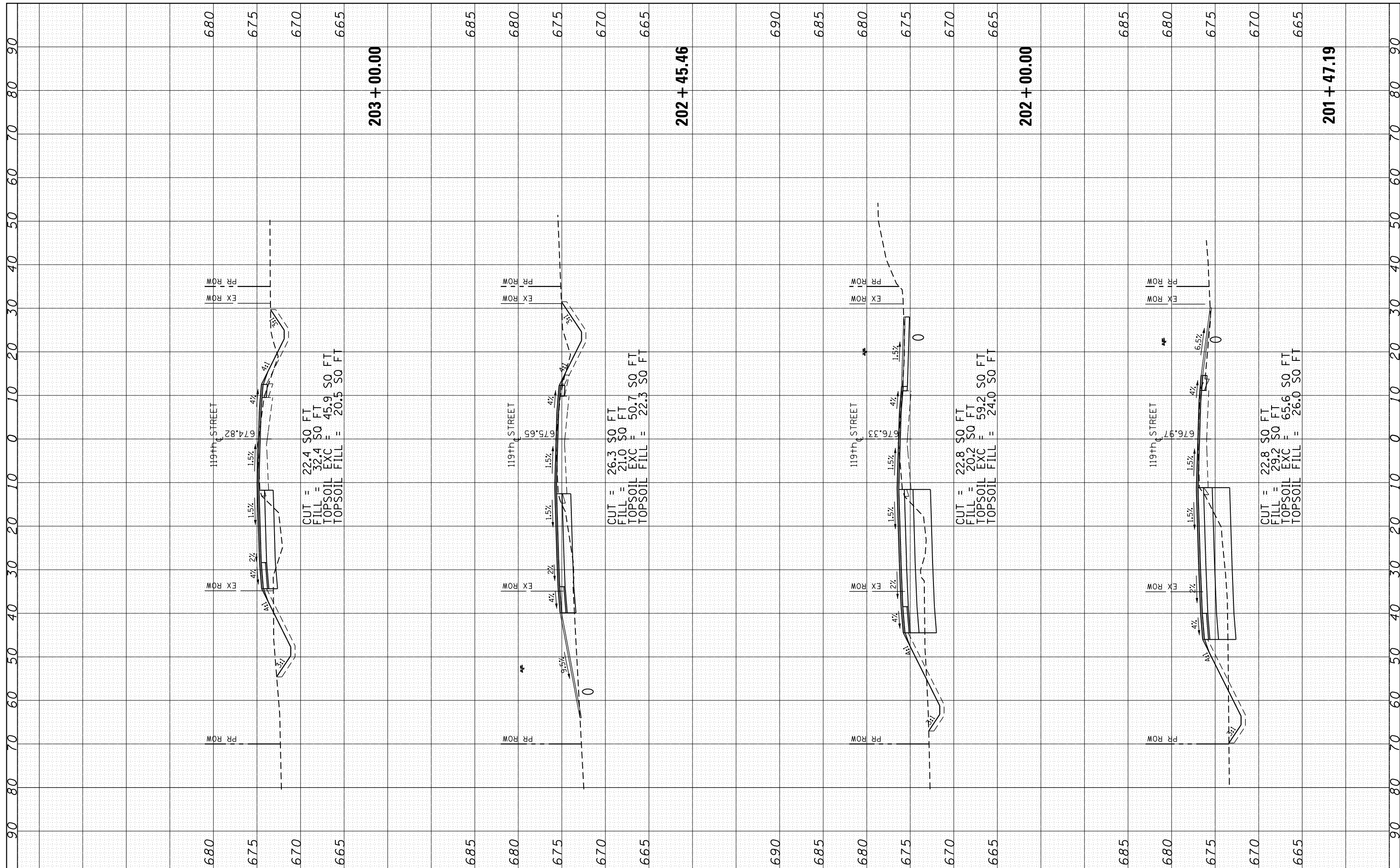
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 U.S. ROUTE 30 AT 119th STREET**
 SHEET OF SHEETS STA. 204+00.00 TO STA. 206+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	91
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -
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Plot Scale = 100.0000' / 1"	CHECKED -	REVISD -	REVISED -
Plot Date = 2/15/2017	DATE -	REVISD -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

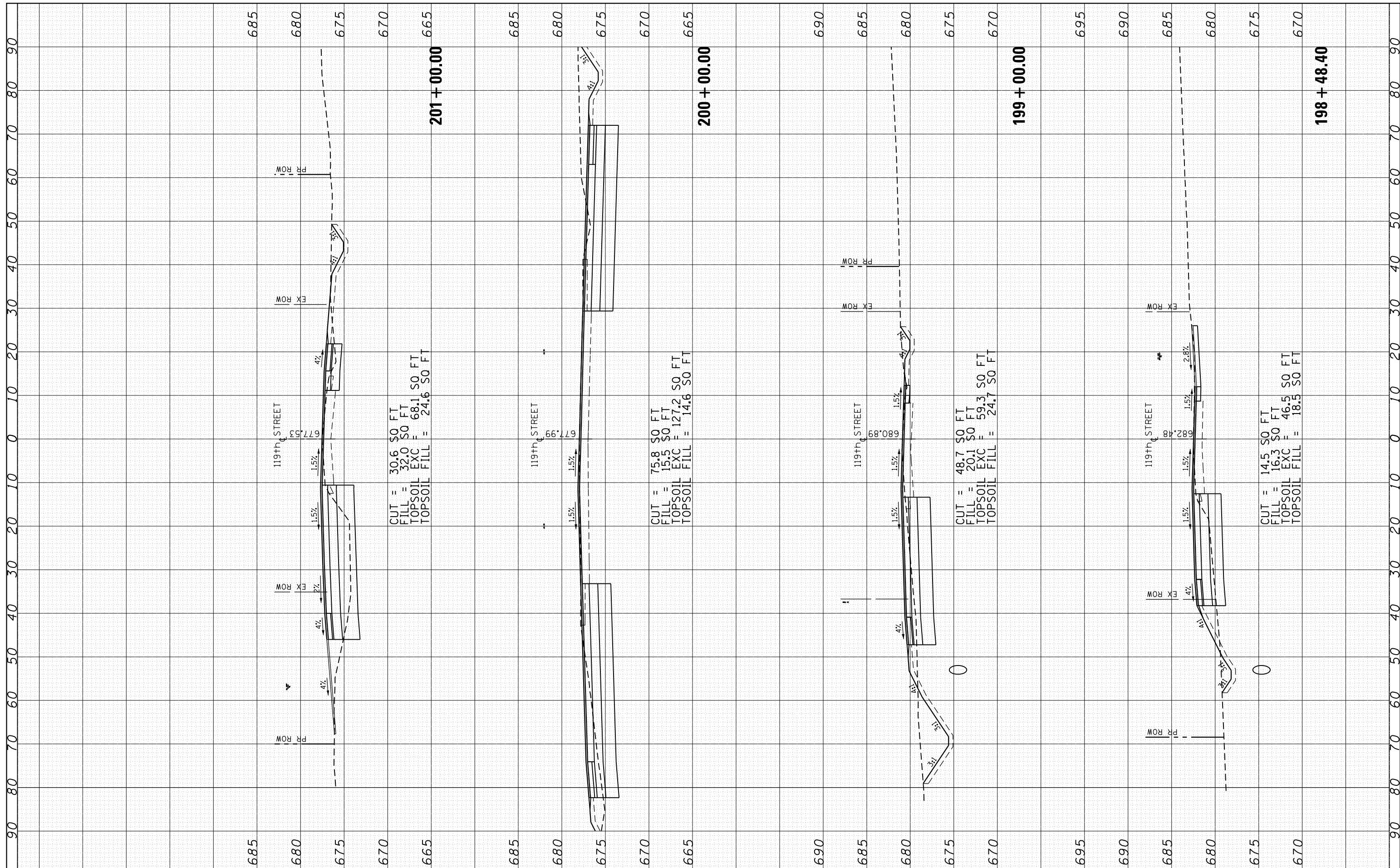
**CROSS SECTIONS
U.S. ROUTE 30 AT 119th STREET**

SHEET OF SHEETS STA. 201+47.19 TO STA. 203+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	92
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\P114512\CADD\DRAWING\PH4512-shr-cover.dgn
 USER NAME = rostkowski
 DESIGNED -
 CHECKED -
 DATE - 2/15/2017
 PLOT SCALE = 100.0000' / 1".

REVISED -
 REVISED -
 REVISED -
 REVISED -

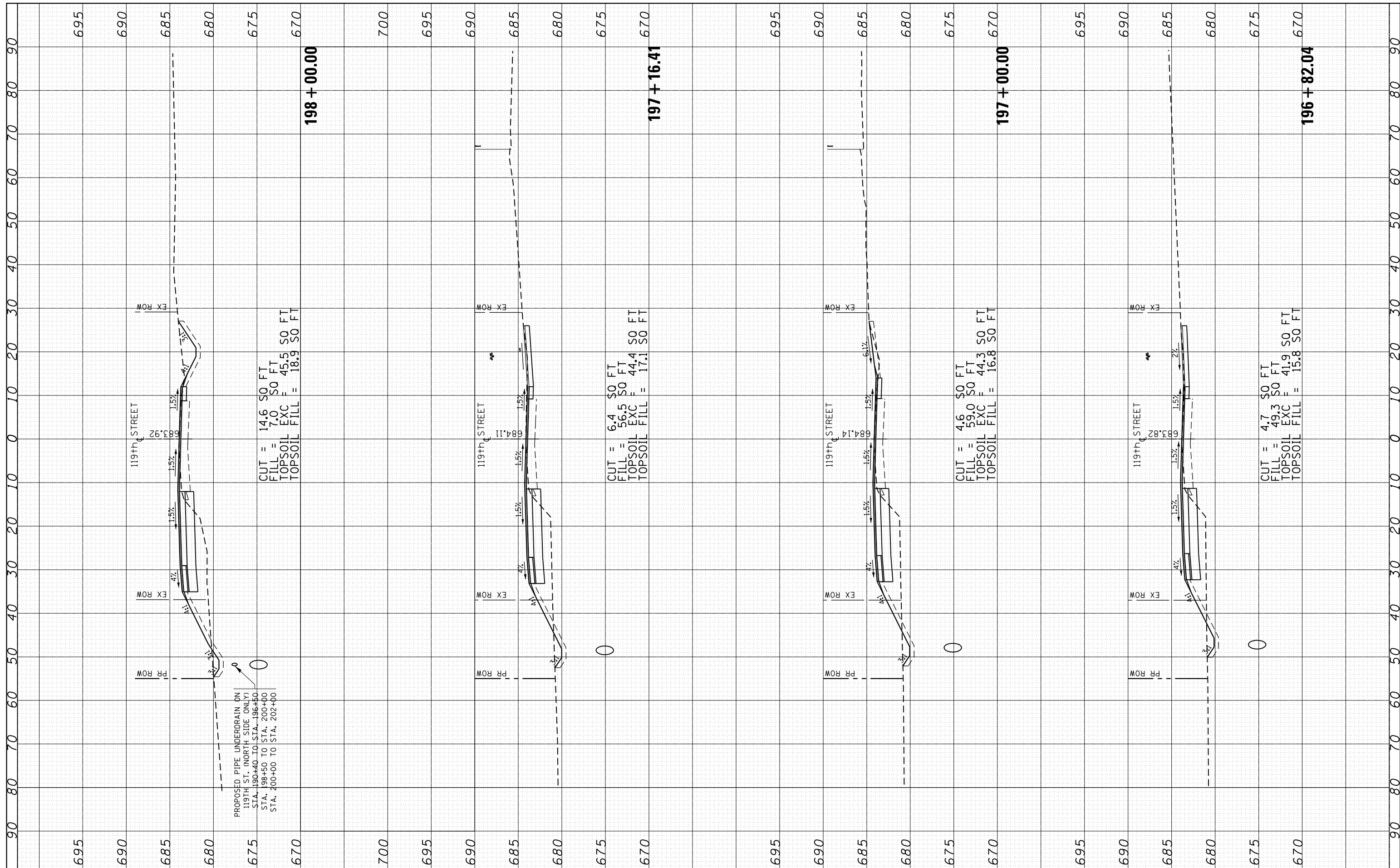
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 U.S. ROUTE 30 AT 119th STREET**
 SHEET OF SHEETS STA. 198+48.40 TO STA. 201+00.00

F.A.P. RE. 349	SECTION 15N-6	COUNTY WILL	TOTAL SHEETS 98	SHEET NO. 93
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = rostkowsk	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -	REVISED -
PLOT DATE = 2/15/2017	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

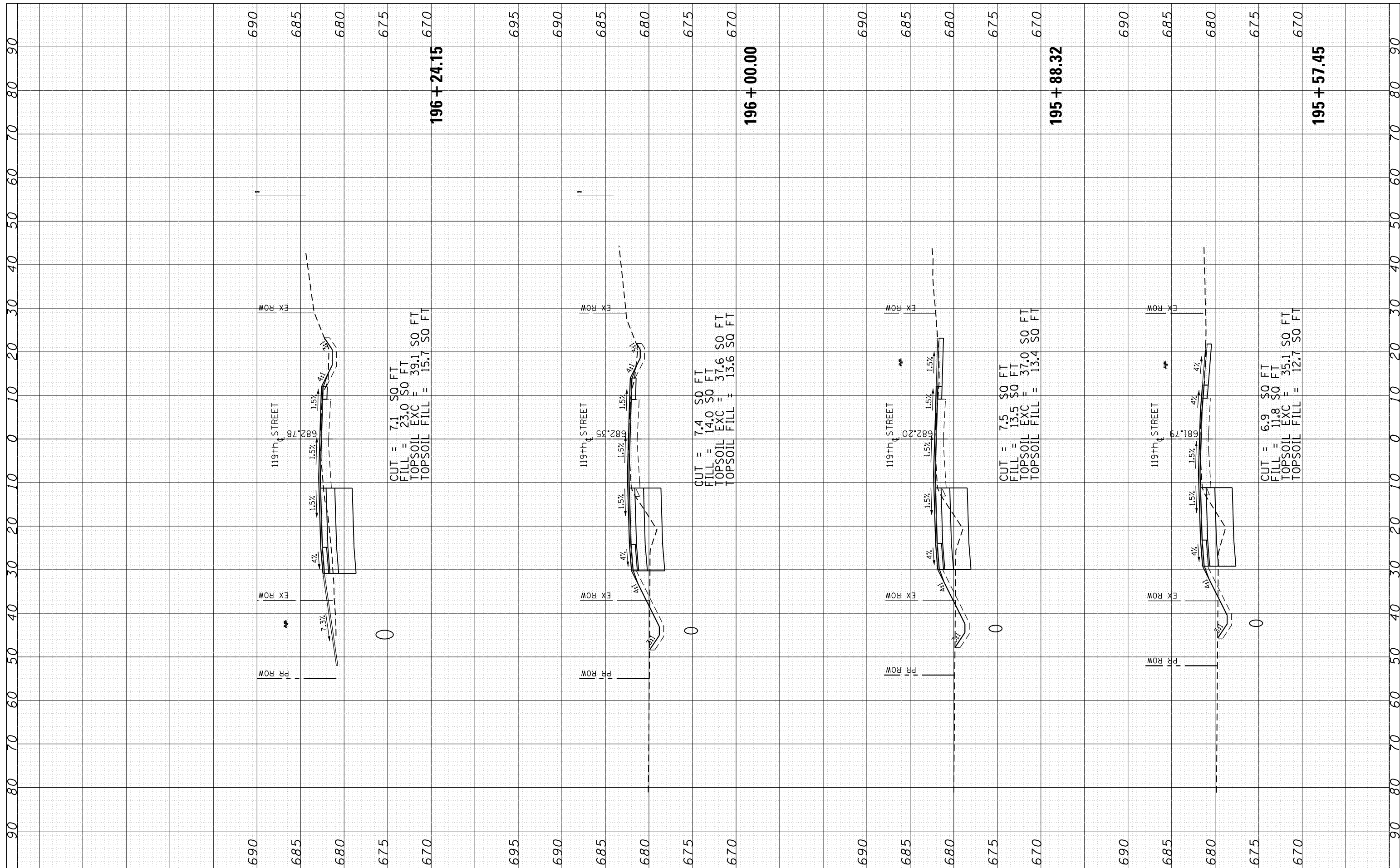
**CROSS SECTIONS
U.S. ROUTE 30 AT 119th STREET**

SHEET OF SHEETS STA. 196+82.04 TO STA. 198+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	94
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = rostkowski	DESIGNED -	REVISED -
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Default		CHECKED -	REVISED -
		DATE -	REVISED -

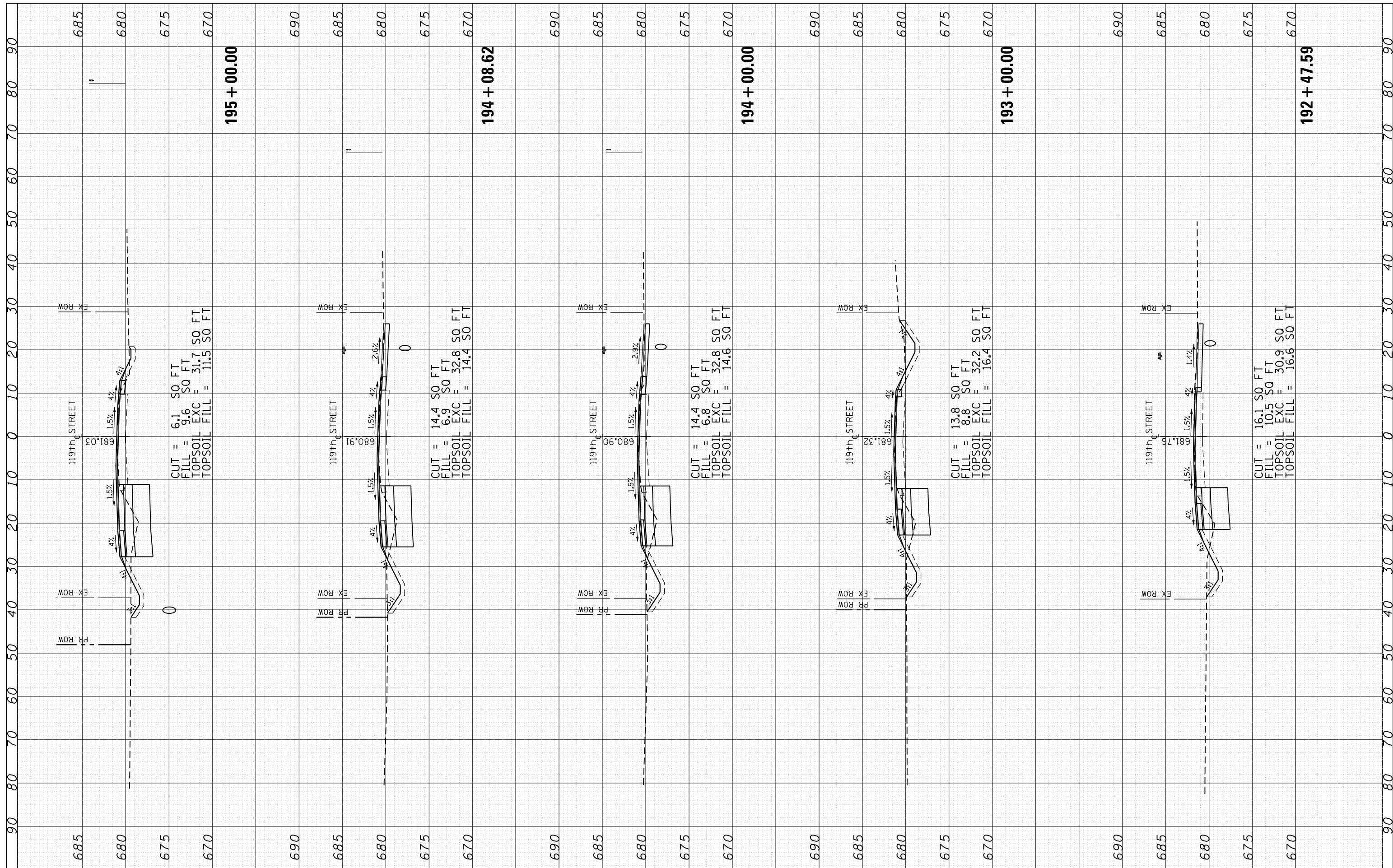
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
U.S. ROUTE 30 AT 119th STREET			
SHEET	OF	SHEETS	STA. 195+57.45 TO STA. 196+24.15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	95
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		



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 DESIGNED -
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 DATE -
 PLOT SCALE = 100.0000' / 1" =
 PLOT DATE = 2/15/2017

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

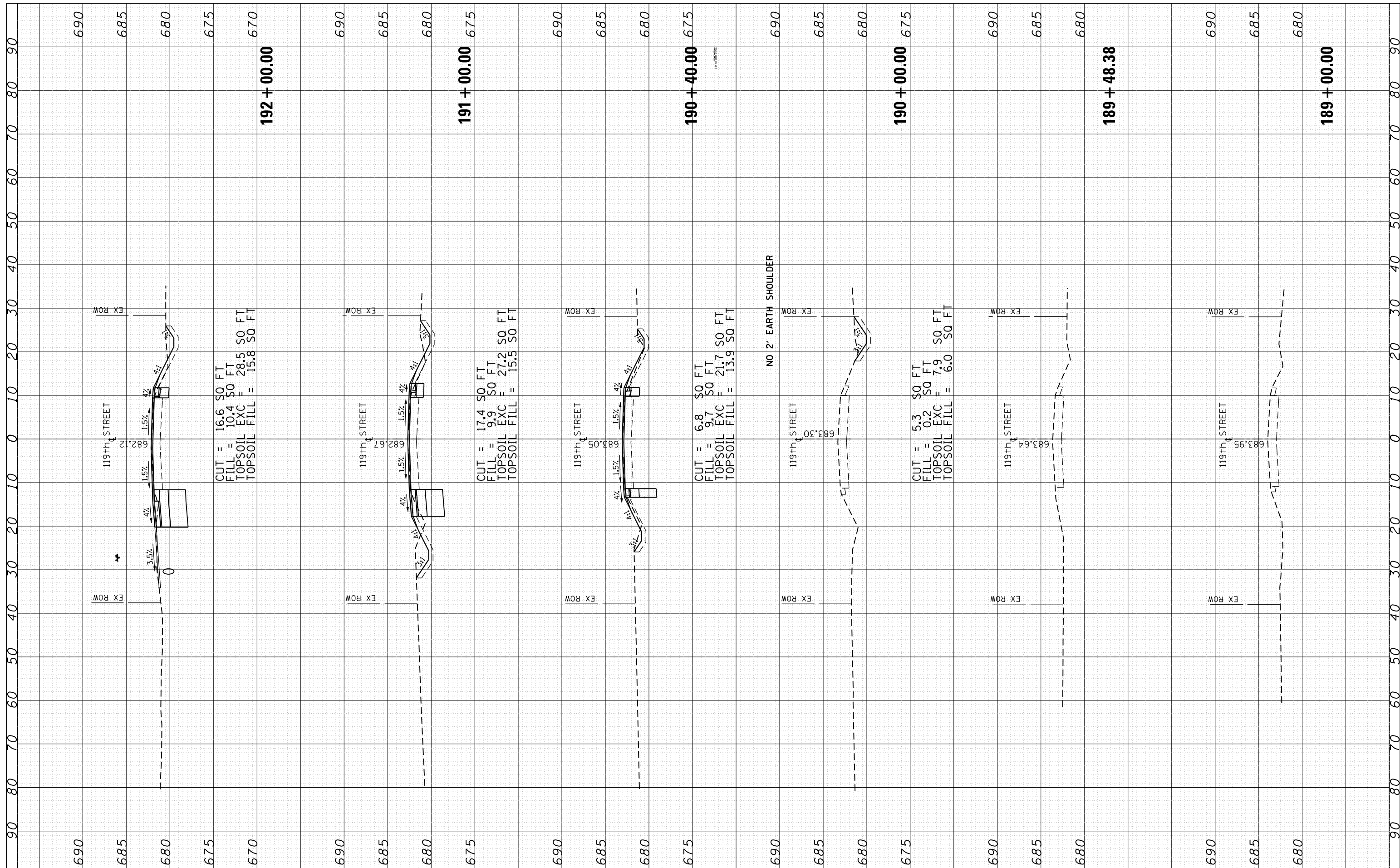
**CROSS SECTIONS
 U.S. ROUTE 30 AT 119th STREET**

SHEET OF SHEETS STA. 192+47.59 TO STA. 195+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	96
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				

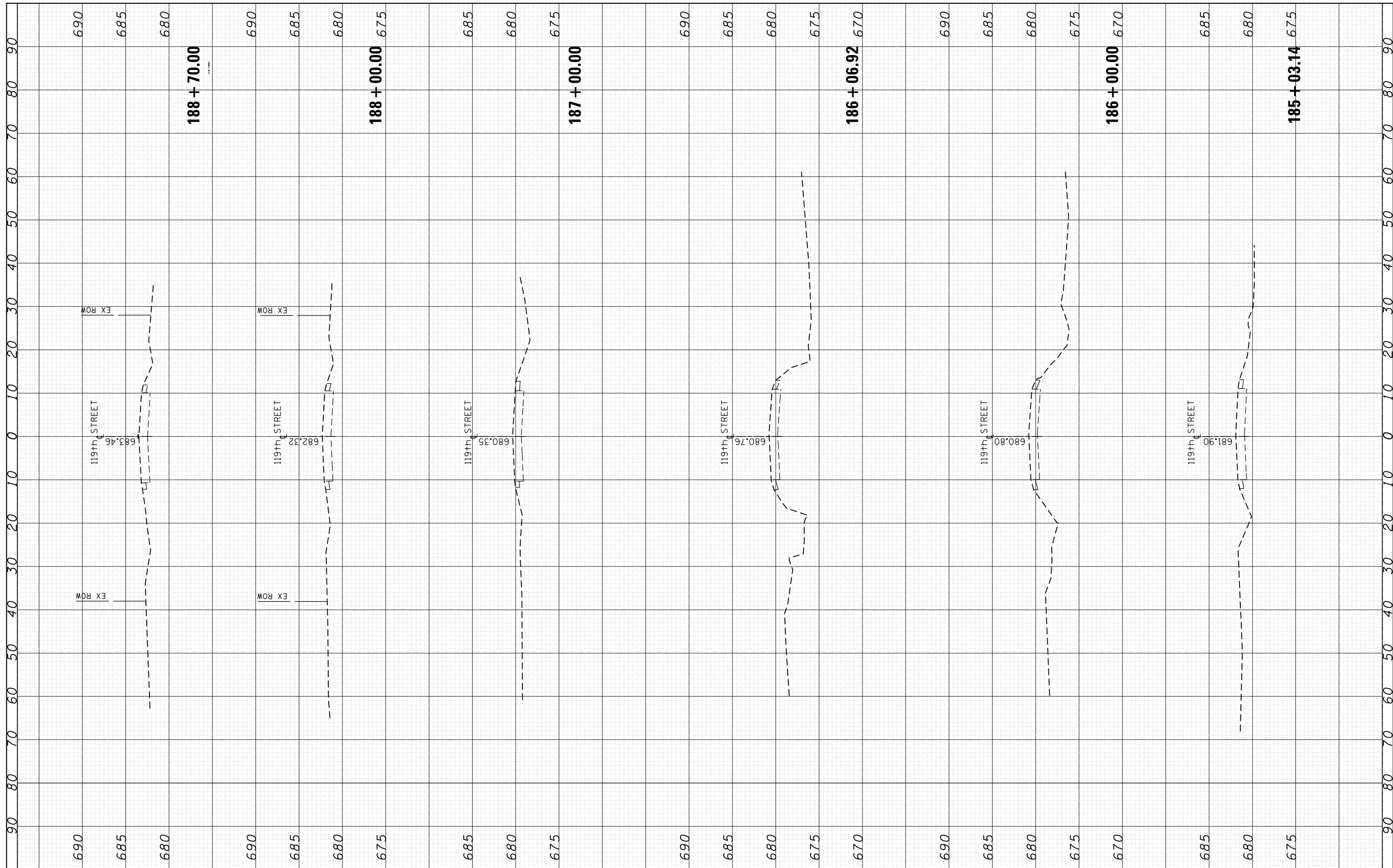
FINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

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



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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USER NAME = rostkowskir
 DESIGNED -
 CHECKED -
 DATE - 2/15/2017

REVISOR -
 REVISOR -
 REVISOR -

DESIGNED -
 CHECKED -
 DATE -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 U.S. ROUTE 30 AT 119th STREET**

SHEET OF SHEETS STA. 185+03.14 TO STA. 188+70.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	15N-6	WILL	98	98
CONTRACT NO. 62B60				
ILLINOIS FED. AID PROJECT				