

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	# 226	1
		ILLINOIS	CONTRACT NO. 62A26	

\* 226 + 2 = 228 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE VILLAGE OF PALATINE

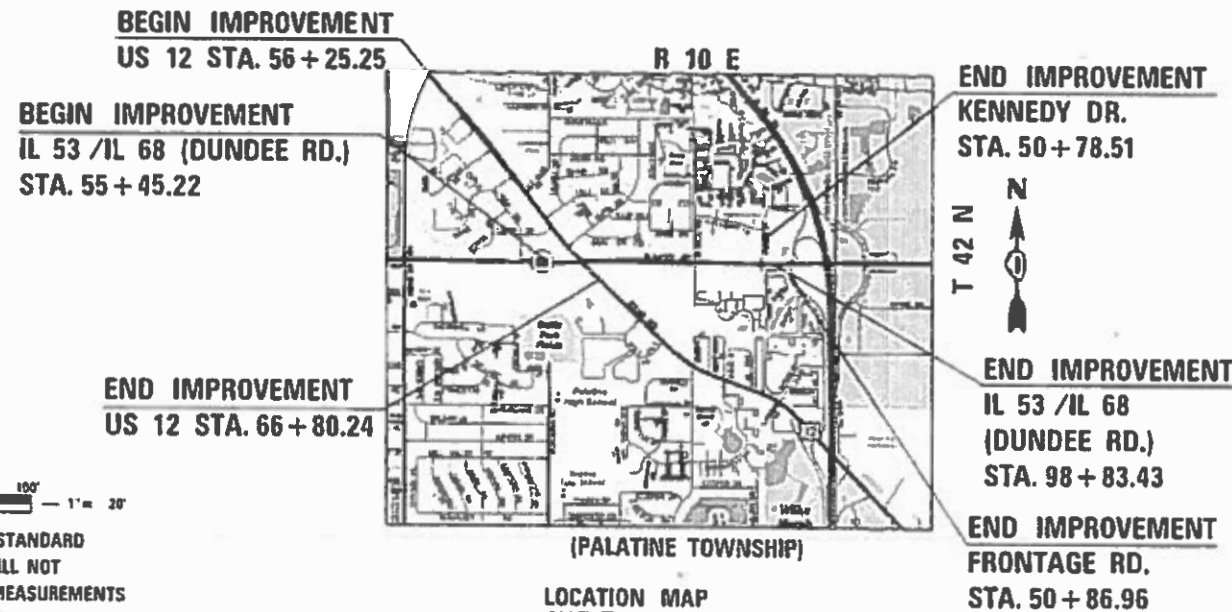
**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 343 (IL 53 / IL 68, DUNDEE ROAD)  
FROM US 12 (RAND ROAD) TO KENNEDY DR.  
SECTION 3041-N-2  
PROJECT: NHPP-HSIP-RAK7(796)  
INTERSECTION IMPROVEMENT, NEW MEDIAN,  
AND SIDEWALKS  
COOK COUNTY

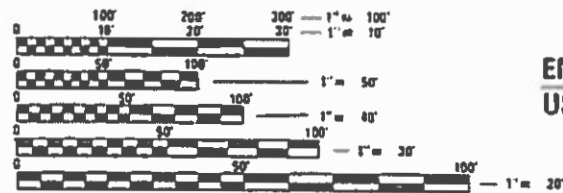
C-91-113-15



FUNCTIONAL CLASSIFICATION  
IL 68: OTHER PRINCIPAL ARTERIAL  
US 12: OTHER PRINCIPAL ARTERIAL  
2017 ADT IL 68 = 25,700  
2017 ADT US 12 = 28,700  
POSTED SPEED LIMIT IL 68 = 35 MPH  
DESIGN SPEED IL 68 = 40 MPH  
POSTED SPEED LIMIT US 12 = 35 MPH  
DESIGN SPEED US 12 = 40 MPH



GROSS LENGTH = 4338.21 FT. = 0.822 MILE  
NET LENGTH = 4338.21 FT. = 0.822 MILE



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 MANAGER: SERIN KELLER (847) 705-4269  
PROJECT ENGINEERS: ANA ABREU (847) 705-4482, JOSEPH CROSS (847) 705-4605  
CONTRACT NO. 62A26



1821 WALDEN OFFICE SQUARE, SUITE 400  
SCHAUMBURG, IL 60173

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 29 2019  
Anthony J. [Signature] / OAB  
PROFESSIONAL ENGINEER  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT  
[Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS



T&I ENGINEERS, LLC  
*Michael H. Lee* 02/13/2018  
 SIGNATURE DATE  
 NAME: MIKE LEE  
 EXPIRATION DATE: 11/30/2019

DWG. NOS.: 1-30, 35-41, 65B,  
 66-79, 99-105, 157-178, 179-226



HDR ENGINEERING, INC.  
*Jonathan Kjellman* 2/20/2018  
 SIGNATURE DATE  
 NAME: Jonathan Kjellman  
 EXPIRATION DATE: 11/30/2019

DWG. NOS.: 42-65



HEY & ASSOCIATES, INC.  
*Patrick M. Lach* 2/20/2018  
 SIGNATURE DATE  
 NAME: PATRICK LACH  
 EXPIRATION DATE: 11/30/2019

DWG. NOS.: 80-94



SINGH & ASSOCIATES, INC.  
*Vytautas Pelegrimas* 02/13/2018  
 SIGNATURE DATE  
 NAME: VYTAS PELEGRIMAS  
 EXPIRATION DATE: 11/30/2019

DWG. NOS.: 31-34, 106-156

<b>T&amp;IE</b>	USER NAME = T&I Engineers	DESIGNED - RDT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 53 / IL 68 SIGNATURE SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	DRAWN - RDT	REVISED -			343	3041-N-2	COOK	226	1A
	PLOT DATE = 2/13/2018	CHECKED - MHL	REVISED -	SCALE: NTS	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 62A26			
		DATE - 10/01/17	REVISED -	ILLINOIS FED. AID PROJECT						

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**HIGHWAY STANDARDS**

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET - TYPE A
602401-06	MANHOLE TYPE A
602406-10	MANHOLE TYPE A 6 FT (1.8 M) DIAMETER
602411-08	MANHOLE TYPE A 7 FT (2.1 M) DIAMETER
602416-08	MANHOLE TYPE A 8 FT (2.4 M) DIAMETER
602421-08	MANHOLE TYPE A 9 FT (2.7 M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	CAST IRON STEPS
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604051-04	FRAME AND GRATE, TYPE 11
604091-03	FRAME AND GRATE, TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-04	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6,24 (B-15,60)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
666001-01	RIGHT OF WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON-TRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE, INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
780001-05	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
781001-04	TYPICAL PAVEMENT MARKINGS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877011-10	STEEL MASTARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-10	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASH BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

**GENERAL NOTES**

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

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND VILLAGE OF PALATINE.

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

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 40 MPH (80 KM/H) OR LESS. WITH WRITTEN APPROVAL FROM 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) IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS UNLESS OTHERWISE SPECIFIED.

UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.

THE RESIDENT ENGINEER SHALL CONTACT THE ARTERIAL TRAFFIC FIELD ENGINEER A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKING.

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 DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR OF ARTERIALS AT A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING OF WORK.

ALL PAVEMENT PATCHING 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.

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

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

TOP OF FRAME ("RIM") ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST.

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.

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

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

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATION. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION OR ORDERING MATERIALS. SUCH VARIATION SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR QUANTITY ACTUALLY FURNISHED BASED ON THE UNIT PRICE BID FOR THE WORK.

MATCH EXISTING PAVEMENT MARKINGS AT THE PROJECT LIMITS.

LOCATIONS OF CURB RAMP REMOVAL AND REPLACEMENT SHALL BE TO THE NEAREST JOINT AND DETERMINED AND/OR VERIFIED IN THE FIELD BY THE ENGINEER.

CONTRACTOR SHALL PATCH IN ACCORDANCE WITH DISTRICT ONE STANDARD BD 400-04 (BD-22).

THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS SHALL BE MAINTAINED, STRAIGHT, AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.

COORDINATE WITH THE IDOT DISTRICT 1 MAINTENANCE AND THE VILLAGE OF PALATINE FORESTRY DIVISION REGARDING TREE REMOVAL.

THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREA, IF THE CONTRACTOR CHOOSES TO US 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.

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

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 ASI 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 OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

**THIRD PARTY COMMITMENT**

NONE

USER NAME = Guest_2	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53 / IL 68 INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS, AND COMMITMENTS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
	DRAWN - RDT	REVISED -		SCALE: NTS	SHEET	OF	SHEETS	STA.	TO STA.	343	3041-N-2	COOK	226	2
PLOT SCALE = 2.0000' / in.	CHECKED - MHL	REVISED -		<b>CONTRACT NO. 62A26</b>										
PLOT DATE = 4/26/2019	DATE - 10/01/17	REVISED -		ILLINOIS FED. AID PROJECT										

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	HSIP
				20% STATE	10% STATE	10% STATE	EVP	10% STATE	20% LOCAL	5% LOCAL	90% FED, 7.5% STATE
				ROADWAY	ROADWAY	TRAFFIC	URBAN	LIGHTING	ROADWAY	TRAFFIC	TRAFFIC
0005	0005	0021	0021	0021	0005	0021	0021				
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN				
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	186		186						
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	16		16						
20200100	EARTH EXCAVATION	CU YD	1,518		1,518						
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	250		250						
20800150	TRENCH BACKFILL	CU YD	3,639	2,093	1,546						
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	751	751							
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,044		1,044						
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	121		121						
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	121		121						
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	121		121						
25200110	SODDING, SALT TOLERANT	SQ YD	9,741		9,741						
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,409		1,409						
28000305	TEMPORARY DITCH CHECKS	FOOT	98		98						
28000400	PERIMETER EROSION BARRIER	FOOT	1,585		1,585						
28000500	INLET AND PIPE PROTECTION	EACH	28		28						
28000510	INLET FILTERS	EACH	51		51						

\* SPECIALTY ITEM

	USER NAME = T&I Engineers	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53 / IL 68</b> <b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	DRAWN - RDT	REVISED -		343	3041-N-2	COOK	226	3			
	PLOT DATE = 6/4/2019	CHECKED - MHL	REVISED -		CONTRACT NO. 62A26							
	DATE - 10/01/17	DATE - 10/01/17	REVISED -		SCALE: NTS	SHEET 1 OF 15 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				



CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	HSIP
				20% STATE	10% STATE	10% STATE	EVP	10% STATE	20% LOCAL	5% LOCAL	90% FED, 7.5% STATE
				ROADWAY	ROADWAY	TRAFFIC		LIGHTING	ROADWAY	TRAFFIC	TRAFFIC
				0005	0005	0021	0021	0021	0005	0021	0021
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
28100105	STONE RIPRAP, CLASS A3	SQ YD	20	20							
28200200	FILTER FABRIC	SQ YD	20	20							
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	250		250						
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	2,522		2,522						
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3,659		3,659						
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	86		86						
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	4,341		4,341						
35501319	HOT-MIX ASPHALT BASE COURSE, 8 3/4"	SQ YD	420		420						
35600709	HOT-MIX ASPHALT BASE COURSE WIDENING, 8 1/4"	SQ YD	73		73						
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	27,632	26,683	949						
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	50	50							
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	7,164	6,849	315						
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	742	742							
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	140	140							
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	501		501						
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	4,031	3,873	158						

\* SPECIALTY ITEM

	USER NAME = T&I Engineers	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53 / IL 68</b> <b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RDT	REVISED -			343	3041-N-2	COOK	226	4
	PLOT SCALE = 2.0000' / in.	CHECKED - MHL	REVISED -			CONTRACT NO. 62A26				
	PLOT DATE = 6/20/2019	DATE - 10/01/17	REVISED -			SCALE: NTS	SHEET 2 OF 15 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	90% FED, 7.5% STATE
				20% STATE	10% STATE	10% STATE	TRAFFIC	10% STATE	20% LOCAL	5% LOCAL	2.5% LOCAL
				ROADWAY	ROADWAY	TRAFFIC	EVP	LIGHTING	ROADWAY	TRAFFIC	TRAFFIC
				0005	0005	0021	0021	0021	0005	0021	0021
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
42001300	PROTECTIVE COAT	SQ YD	6,638		6,638						
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	136		136						
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	21,333		9,010				12,323		
* 42400800	DETECTABLE WARNINGS	SQ FT	841		841						
44000100	PAVEMENT REMOVAL	SQ YD	1,945		1,945						
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	3,386		3,386						
44000300	CURB REMOVAL	FOOT	939		939						
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,200		5,200						
44000600	SIDEWALK REMOVAL	SQ FT	9,010		9,010						
44002210	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/2"	SQ YD	1,000	1000							
44003100	MEDIAN REMOVAL	SQ FT	4,519		4,519						
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	50	50							
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	50	50							
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	50	50							
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	50	50							
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	200	200							

\* SPECIALTY ITEM

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	90% FED, 7.5% STATE
				20% STATE	10% STATE	10% STATE	ROADWAY	10% STATE	20% LOCAL	5% LOCAL	2.5% LOCAL
				ROADWAY	ROADWAY	TRAFFIC	EVP	LIGHTING	ROADWAY	TRAFFIC	TRAFFIC
				0005	0005	0021	0021	0021	0005	0021	0021
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	200	200							
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	200	200							
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	200	200							
48101200	AGGREGATE SHOULDERS, TYPE B	TON	57	57							
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	3	3							
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2							
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2							
54216190	REINFORCED CONCRETE PIPE TEE, 18" PIPE WITH 12" RISER	EACH	5	5							
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	364	239	125						
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	24		24						
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	34	33	1						
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	412	412							
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	586	586							
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	75	75							
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	87	12	75						

\* SPECIALTY ITEM



USER NAME = T&I Engineers	DESIGNED - RDT	REVISED -
	DRAWN - RDT	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - MHL	REVISED -
PLOT DATE = 6/4/2019	DATE - 10/01/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 53 / IL 68  
SUMMARY OF QUANTITIES

SCALE: NTS SHEET 4 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	6
CONTRACT NO. 62A26			ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	90% FED, 7.5% STATE
				20% STATE	10% STATE	10% STATE	EVP	10% STATE	20% LOCAL	5% LOCAL	2.5% LOCAL
				ROADWAY	ROADWAY	TRAFFIC	URBAN	LIGHTING	ROADWAY	TRAFFIC	TRAFFIC
0005	0005	0021	0021	0021	0005	0021	0021				
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN				
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	710		710						
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	14	14							
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	372	372							
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	119		119						
550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	73		73						
550A2620	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 48"	FOOT	352	352							
550A5100	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 30"	FOOT	75	75							
55100500	STORM SEWER REMOVAL 12"	FOOT	289	289							
55100700	STORM SEWER REMOVAL 15"	FOOT	1,425	1,425							
55100900	STORM SEWER REMOVAL 18"	FOOT	179	179							
55101100	STORM SEWER REMOVAL 21"	FOOT	831	831							
55101200	STORM SEWER REMOVAL 24"	FOOT	93	93							
55101800	STORM SEWER REMOVAL 42"	FOOT	17	17							
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	5	3	2						
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	4	1	3						
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	4	3	1						

\* SPECIALTY ITEM



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	DRAWN - RDT	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - MHL	REVISED -
PLOT DATE = 6/4/2019	DATE - 10/01/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 53 / IL 68  
SUMMARY OF QUANTITIES

SCALE: NTS SHEET 5 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62A26	

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	HSIP
				20% STATE	10% STATE	10% STATE	EVP	10% STATE	20% LOCAL	5% LOCAL	90% FED, 7.5% STATE
				ROADWAY	ROADWAY	TRAFFIC		LIGHTING	ROADWAY	TRAFFIC	TRAFFIC
				0005	0005	0021	0021	0021	0005	0021	0021
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	5	3	2						
60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		1						
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3							
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1							
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		2						
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	2	4						
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1	1							
60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1							
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2							
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4							
60224468	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 8 GRATE	EACH	1	1							
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1							
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	3	3							
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	3	1	2						
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1							

\* SPECIALTY ITEM

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	90% FED, 7.5% STATE
				20% STATE	10% STATE	10% STATE	EVP	10% STATE	20% LOCAL	5% LOCAL	2.5% LOCAL
				ROADWAY	ROADWAY	TRAFFIC		LIGHTING	ROADWAY	TRAFFIC	TRAFFIC
				0005	0005	0021	0021	0021	0005	0021	0021
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	47	11	36						
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	8	8							
60500040	REMOVING MANHOLES	EACH	12	2	10						
60500050	REMOVING CATCH BASINS	EACH	6	3	3						
60500060	REMOVING INLETS	EACH	4		4						
60600605	CONCRETE CURB, TYPE B	FOOT	1,158		1,158						
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	16		16						
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3,015		3,015						
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3,833		3,833						
60607400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.24	FOOT	32		32						
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	2,014		2,014						
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	14,299		14,299						
60625600	ISLAND PAVEMENT (6")	SQ YD	5		5						
63200310	GUARDRAIL REMOVAL	FOOT	20		20						
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	740		740						
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3		3						

\* SPECIALTY ITEM



CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	90% FED, 7.5% STATE
				20% STATE	10% STATE	10% STATE	EV	10% STATE	20% LOCAL	5% LOCAL	2.5% LOCAL
				ROADWAY	ROADWAY	TRAFFIC		LIGHTING	ROADWAY	TRAFFIC	TRAFFIC
				0005	0005	0021	0021	0021	0005	0021	0021
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1		1						
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1		1						
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	6		6						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6		6						
67100100	MOBILIZATION	LSUM	1		1						
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	154		154						
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	2,200		2,200						
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,000		1,000						
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	2,100		2,100						
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	107,900		107,900						
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	13,300		13,300						
70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	1,400		1,400						
70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	1,300		1,300						
70400100	TEMPORARY CONCRETE BARRIER	FOOT	150	150							
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,500	1,500							
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	3	3							

\* SPECIALTY ITEM

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	90% FED, 7.5% STATE
				20% STATE	10% STATE	10% STATE	EVP	10% STATE	20% LOCAL	5% LOCAL	2.5% LOCAL
				ROADWAY	ROADWAY	TRAFFIC		LIGHTING	ROADWAY	TRAFFIC	TRAFFIC
				0005	0005	0021	0021	0021	0005	0021	0021
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	24	24							
* 72000100	SIGN PANEL - TYPE 1	SQ FT	221		221						
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	18							18	
* 72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	40			10				30	
* 72900100	METAL POST - TYPE A	FOOT	42		42						
* 72900200	METAL POST - TYPE B	FOOT	60		60						
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	880	880							
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	17,964	16,247	1,717						
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	7,913	6,113	1,800						
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	571	291	280						
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3,247	2,625	622						
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	592	474	118						
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	33	33							
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	430	430							
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,925			654				900	371
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	1,319			5		1134		122	58

\* SPECIALTY ITEM

	USER NAME = T&I Engineers	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53 / IL 68</b> <b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RDT	REVISED -					343	3041-N-2	COOK	226	11
	PLOT SCALE = 2.0000' / in.	CHECKED - MHL	REVISED -					CONTRACT NO. 62A26				
	PLOT DATE = 6/4/2019	DATE - 10/01/17	REVISED -					SCALE: NTS	SHEET 9 OF 15 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP	
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	HSIP	
				20% STATE	10% STATE	10% STATE	EVP	10% STATE	20% LOCAL	5% LOCAL	90% FED, 7.5% STATE	
				ROADWAY	ROADWAY	TRAFFIC	URBAN	LIGHTING	ROADWAY	TRAFFIC	TRAFFIC	
0005	0005	0021	0021	0021	0005	0021	0021					
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN					
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	994			285					566	143
* 81400100	HANDHOLE	EACH	5			1					4	
* 81400200	HEAVY-DUTY HANDHOLE	EACH	8			4					2	2
* 81400300	DOUBLE HANDHOLE	EACH	4			1					2	1
* 81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	5,347					5347				
* 81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	1,487					1487				
83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	10					10				
* 83600365	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 10" X 8'	EACH	10					10				
* 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	10					10				
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	6					6				
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	16					16				
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	10					10				
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4			2					1	1
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,645			0					1,390	255
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,003								1,734	269
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	963								963	
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,829			665					2,164	

\* SPECIALTY ITEM



USER NAME = T&I Engineers	DESIGNED - RDT	REVISED -
	DRAWN - RDT	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - MHL	REVISED -
PLOT DATE = 6/4/2019	DATE - 10/01/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 53 / IL 68  
SUMMARY OF QUANTITIES

SCALE: NTS SHEET 10 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	12
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP	
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	90% FED, 7.5% STATE	
				20% STATE	10% STATE	10% STATE	EVP	10% STATE	20% LOCAL	5% LOCAL	2.5% LOCAL	
				ROADWAY	ROADWAY	TRAFFIC		LIGHTING	ROADWAY	TRAFFIC	TRAFFIC	
				0005	0005	0021	0021	0021	0005	0021	0021	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,956			1619	-				1,052	285
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	260			61	-				105	94
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	879			127	-				655	97
* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2			-	-				-	2
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4			-	-				4	0
* 87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1			-	-				1	0
* 87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1			-	-				1	0
* 87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1			-	-				1	0
* 87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1			-	-				1	0
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	40			4	-				20	16
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4			-	-				4	0
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	65			11	-				54	0
* 87900200	DRILL EXISTING HANDHOLE	EACH	11			6	0				1	4
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	1			-	-				1	0
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2			1	-				1	0
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	6			5					1	

\* SPECIALTY ITEM



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PLOT SCALE = 2.0000' / in.	CHECKED - MHL	REVISED -
PLOT DATE = 6/4/2019	DATE - 10/01/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 53 / IL 68  
SUMMARY OF QUANTITIES

SCALE: NTS SHEET 11 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	13
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP	
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	HSIP	
				20% STATE	10% STATE	10% STATE	EVP	10% STATE	20% LOCAL	5% LOCAL	90% FED, 7.5% STATE	
				ROADWAY	ROADWAY	TRAFFIC	URBAN	LIGHTING	ROADWAY	TRAFFIC	TRAFFIC	
0005	0005	0021	0021	0021	0005	0021	0021					
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN					
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2									2
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	7			5	-				2	0
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	1			1						
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1,699			876	-				383	440
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	10			-	-				8	2
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3			1	-				1	1
* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	16			4	-				12	0
* 89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	11			3	-				8	0
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	1			1						
* 89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1			1						
* 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	3					3				
* 89502200	MODIFY EXISTING CONTROLLER	EACH	2			-	-				1	1
* 89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2			1	-				1	0
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1,710			1710						
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	14,949			8230	0				1,402	5,317

\* SPECIALTY ITEM

	USER NAME = T&I Engineers	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53 / IL 68</b> <b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	DRAWN - RDT	REVISED -					343	3041-N-2	COOK	226	14
	PLOT DATE = 6/4/2019	CHECKED - MHL	REVISED -					CONTRACT NO. 62A26				
	DATE - 10/01/17	DATE - 10/01/17	REVISED -					ILLINOIS FED. AID PROJECT				
FILE NAME = D162A26-sht-500.dgn Default				SCALE: NTS	SHEET 12 OF 15 SHEETS	STA.	TO STA.					

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	HSIP
				20% STATE	10% STATE	10% STATE	EVP	10% STATE	20% LOCAL	5% LOCAL	90% FED, 7.5% STATE
				ROADWAY	ROADWAY	TRAFFIC	URBAN	LIGHTING	ROADWAY	TRAFFIC	TRAFFIC
0005	0005	0021	0021	0021	0005	0021	0021				
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN				
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3			1	-			1	1
89502380	REMOVE EXISTING HANDHOLE	EACH	15			5	-			7	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2			1	-			1	0
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6			1	-			5	0
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	LSUM	1		1						
X0322102	TEMPORARY SIDEWALK RAMP	EACH	10		10						
X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	11	11							
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	9	9							
X0323389	STORM SEWER CONNECTION	EACH	4	4							
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	303				303				
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	200			66	0			67	67
* X0326656	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET, COMPLETE	EACH	1			-	-			1	0
X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	2					2			
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3,819		3,819						
X1200075	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	4	4							

\* SPECIALTY ITEM


	USER NAME = T&I Engineers	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53 / IL 68</b> <b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	DRAWN - RDT	REVISED -		343	3041-N-2	COOK	226	15			
	PLOT DATE = 6/4/2019	CHECKED - MHL	REVISED -		CONTRACT NO. 62A26							
		DATE - 10/01/17	REVISED -		SCALE: NTS	SHEET 13 OF 15 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	90% FED, 7.5% STATE
				20% STATE	10% STATE	10% STATE	EVP	10% STATE	20% LOCAL	5% LOCAL	2.5% LOCAL
				ROADWAY	ROADWAY	TRAFFIC		LIGHTING	ROADWAY	TRAFFIC	TRAFFIC
				0005	0005	0021	0021	0021	0005	0021	0021
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
X1200076	GRATING FOR CONCRETE FLARED END SECTION 21"	EACH	2	2							
X1200091	GRATING FOR CONCRETE FLARED END SECTION 12"	EACH	3	3							
X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	3			1	-			1	1
* X1400201	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	4			-	-			2	2
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	26	26							
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	33		33						
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	39,578	37,373	2,205						
X4402805	ISLAND REMOVAL	SQ FT	707		707						
X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1							
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	7	7							
X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	125		125						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1		1						
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	32200		32,200						
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	264	264							
* X8100105	CONDUIT SPLICE	EACH	5			1	0			2	2

\* SPECIALTY ITEM

	USER NAME = T&I Engineers	DESIGNED - RDT	REVISED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>IL 53 / IL 68</b> <b>SUMMARY OF QUANTITIES</b></p>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	DRAWN - RDT	REVISED -					343	3041-N-2	COOK	226	16
	PLOT DATE = 6/4/2019	CHECKED - MHL	REVISED -					CONTRACT NO. 62A26				
		DATE - 10/01/17	REVISED -					SCALE: NTS	SHEET 14 OF 15 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	HSIP	HSIP	100%	HSIP	HSIP	HSIP	HSIP
				80% FED	90% FED	90% FED	PALATINE	90% FED	80% FED	90% FED, 5% STATE	90% FED, 7.5% STATE
				20% STATE	10% STATE	10% STATE	EVP	10% STATE	20% LOCAL	5% LOCAL	2.5% LOCAL
				ROADWAY	ROADWAY	TRAFFIC		LIGHTING	ROADWAY	TRAFFIC	TRAFFIC
				0005	0005	0021	0021	0021	0005	0021	0021
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* X8100863	INTERCEPT EXISTING CONDUIT	EACH	5			4	-			0	1
* X8210040	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	14					14			
* X8440102	RELOCATE EXISTING LUMINAIRE	EACH	10					10			
* X8772115	TEMPORARY MAST ARM, ALUMINUM, 15FT	EACH	4					4			
Z0007430	TEMPORARY SIDEWALK	SQ FT	2,557		2,557						
Z0013798	CONSTRUCTION LAYOUT	LSUM	1		1						
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	407		407						
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	6					6			
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	15304	13959	1,345						
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3			1	-			1	1
54247124	GRATING FOR CONCRETE FLARED END SECTION 15"	EACH	2	2							
X5504001	STORM SEWERS, DUCTILE IRON, TYPE I, 6-IN	FOOT	7	7							
∅ Z0076600	TRAINEES	HOUR	500	500							
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATES	HOUR	500	500							

\* SPECIALTY ITEM ∅ 0042



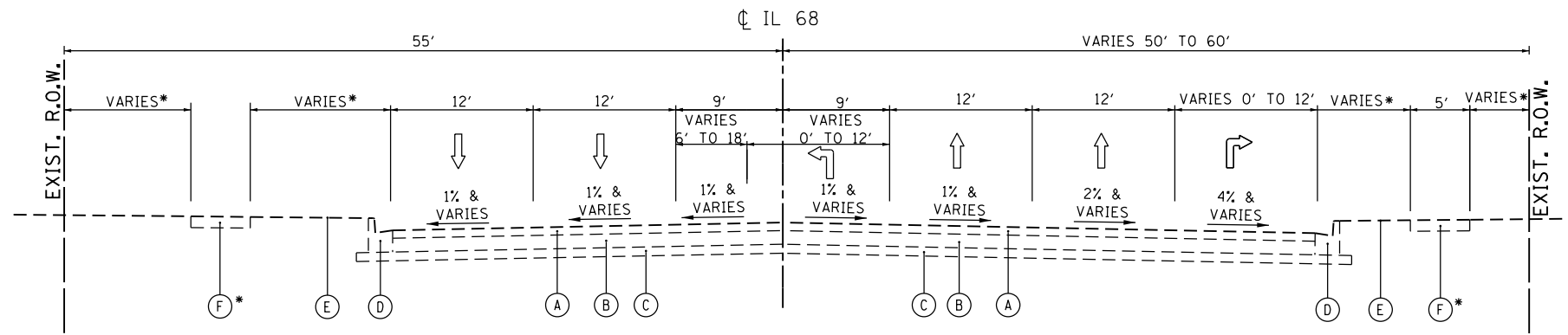
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	DRAWN - RDT	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - MHL	REVISED -
PLOT DATE = 6/25/2019	DATE - 10/01/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 53 / IL 68  
SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	17
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

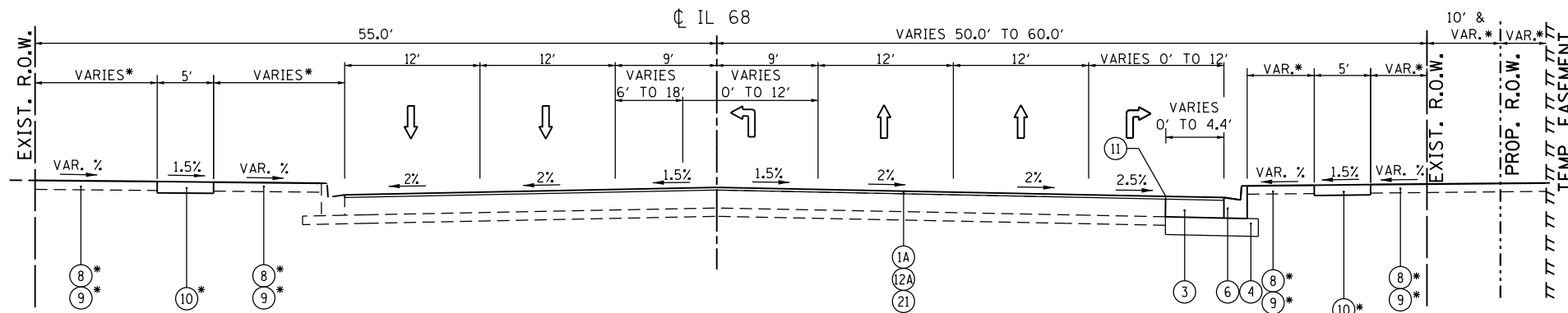


\* SEE ROADWAY PLANS FOR LIMITS AND DIMENSIONS.

\* SEE ROADWAY PLANS FOR LIMITS AND DIMENSIONS.

**EXIST. TYPICAL IL 68 (DUNDEE ROAD)**

STA. 55+45.22 TO STA. 62+00.00



\* SEE ROADWAY PLANS FOR LIMITS AND DIMENSIONS.

\* SEE ROADWAY PLANS FOR LIMITS AND DIMENSIONS.

**PROP. TYPICAL IL 68 (DUNDEE ROAD)**

STA. 55+45.22 TO STA. 62+00.00

STRUCTURAL DESIGN TRAFFIC: YEAR 2027  
 PV = 31,033 SU = 980 MU = 653  
 ROAD/STREET CLASSIFICATION: CLASS I  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P = 32 S = 45 M = 45  
 TRAFFIC FACTOR: ACTUAL TF = 4.04 MINIMUM TF = 3.56  
 PG GRADE:  
 TOP BINDER = LOWER BINDER =  
 SURFACE =  
 SUBGRADE SUPPORT RATING:  
 SSR = POOR (STA. TO  
 SSR = POOR (STA. TO

**EXISTING LEGEND**

- (A) EXISTING HMA OVERLAY, 2 3/4" & VAR.
- (B) EXISTING PCC BASE, 10"
- (C) EXISTING STABILIZED SUB-BASE, 4"
- (D) EXISTING CURB & GUTTER, B-6.24
- (E) EXISTING GROUND LINE
- (F) EXISTING SIDEWALK

**PROPOSED LEGEND**

- (1A) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"
- (1B) NOT USED
- (2) NOT USED
- (3) PCC BASE COURSE WIDENING, 10"
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (5) NOT USED
- (6) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- (7) NOT USED
- (8) SODDING, SALT TOLERANT
- (9) TOPSOIL EXCAVATION AND PLACEMENT
- (10) PCC SIDEWALK, 5"
- (11) LONGITUDINAL SAW CUT, FULL DEPTH HMA SURFACE REMOVAL, 1 3/4" WEST OF STA. 66+00 3 3/4" EAST OF STA. 66+00 (SEE NOTE 2)
- (12A) NOT USED
- (12B) NOT USED
- (13) NOT USED
- (14A) NOT USED
- (14B) NOT USED
- (15) NOT USED
- (16) NOT USED
- (17) NOT USED
- (18) NOT USED
- (19) NOT USED
- (20) NOT USED
- (21) LEVELING BINDER (MACHINE METHOD), N70 VAR. WEST OF STA. 66+00 2" EAST OF STA. 66+00

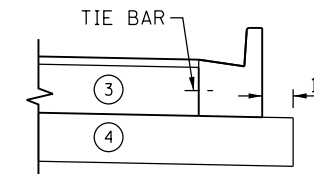
**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
<b>PAVEMENT RESURFACING AND SHOULDER RESURFACING (IL 68)</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL 9.5 mm)	4% @ 70 Gyr.	QCP
LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5 mm)	4% @ 70 Gyr.	QC/QA (NOTE 2)
<b>PAVEMENT WIDENING (US 12 AT IL 68 AND AT BALDWIN ROAD) AND LT TURN LANE RESURFACING (US 12)</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL 9.5 mm)	4% @ 70 Gyr.	QCP
LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5 mm)	4% @ 70 Gyr.	QC/QA (NOTE 2)
HOT-MIX ASPHALT BASE COURSE WIDENING, 8 1/4" (HMA BINDER IL-19.0) AT BALDWIN ROAD	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE, 8 3/4" (HMA BINDER IL-19.0) (US 12 AT IL 68)	4% @ 70 Gyr.	QC/QA
<b>DRIVEWAYS (INCLUDING ACCESS DRIVEWAYS)</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL 9.5 mm)	4% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19.0)	4% @ 50 Gyr.	QC/QA
<b>PATCHING</b>		
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0)	4% @ 70 Gyr.	QC/QA
CLASS D PATCHES, (HMA BINDER IL-19.0)	4% @ 70 Gyr.	QC/QA
<b>QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)</b>		

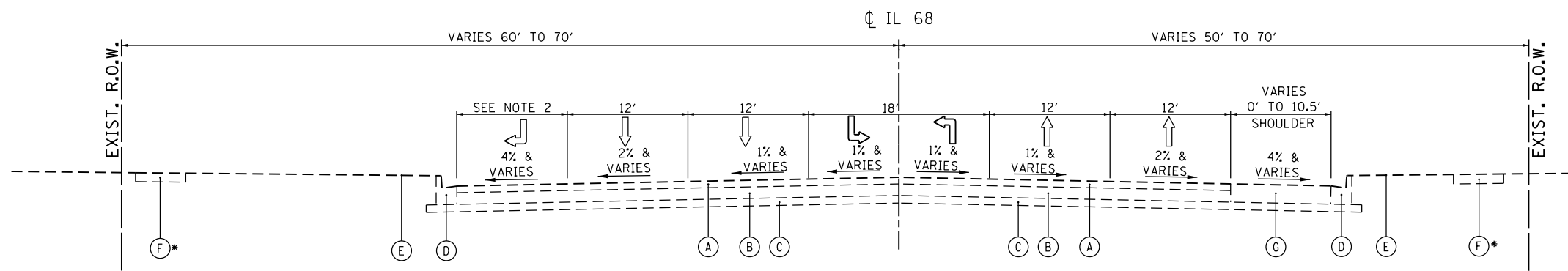
NOTE 1 - THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.  
 NOTE 2 - USE AS NEEDED FOR PROFILE CORRECTION  
 NOTE 3 - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.  
 NOTE 4 - FOR USE OF RECYCLED MATERIALS, SEE SPECIAL PROVISIONS.  
 NOTE 5 - QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.  
 NOTE 6 - CONTRACTOR SHALL MILL BEFORE PATCHING EXCEPT FOR DRAINAGE WORK.

**NOTES:**

- ACTUAL EXISTING PAVEMENT LAYERS VARY IN THICKNESS. DIMENSIONS SHOWN ON THE PLANS ARE NOMINAL THICKNESSES.
- SEE SPECIAL PROVISION FOR THE PAY ITEM "X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH".
- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE SURFACE ON WHICH THE SURFACE MIX WILL BE PLACED OF MAINLINE DUNDEE ROAD.



USER NAME = Guest.2	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53/IL 68 TYPICAL SECTIONS</b>			F.A.P. RTE. 343	SECTION 3041-N-2	COUNTY COOK	TOTAL SHEETS 226	SHEET NO. 18	
PLOT SCALE = 14,001' / in.	CHECKED - MHL	REVISED -		SCALE: NTS	SHEET 1 OF 8 SHEETS	STA. TO STA.	<b>CONTRACT NO. 62A26</b>					
PLOT DATE = 6/18/2019	DATE - 10/01/17	REVISED -		ILLINOIS FED. AID PROJECT								
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**EXIST. TYPICAL IL 68 (DUNDEE ROAD)**

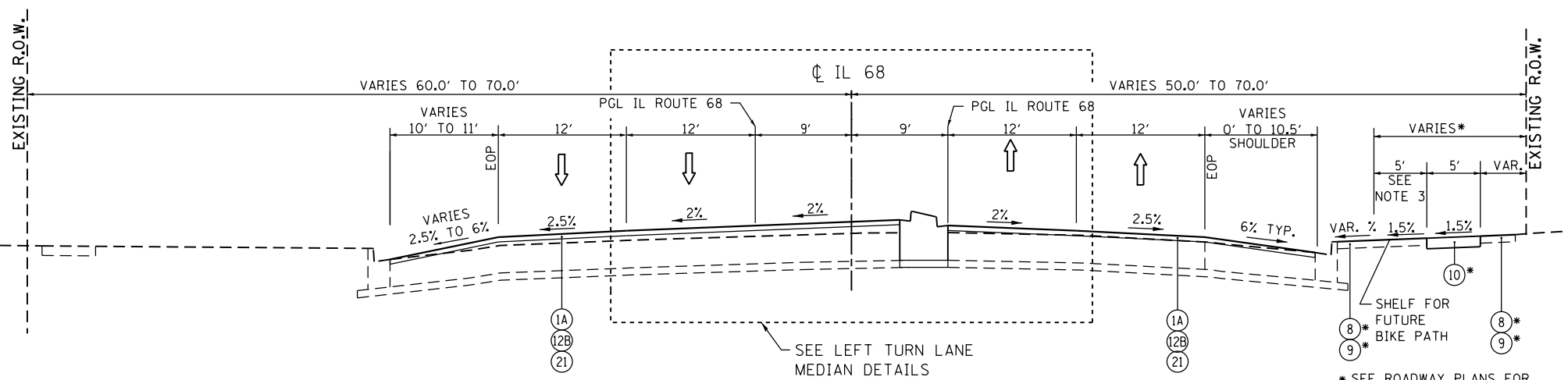
STA. 62+00.00 TO STA. 82+80.45 \*\*

\* SEE ROADWAY PLANS FOR LIMITS AND DIMENSIONS.

\* SEE ROADWAY PLANS FOR LIMITS AND DIMENSIONS.

- EXISTING LEGEND**
- (A) EXISTING HMA OVERLAY, 2 3/4" & VAR.
  - (B) EXISTING PCC BASE, 10"
  - (C) EXISTING STABILIZED SUB-BASE, 4"
  - (D) EXISTING CURB & GUTTER, B-6.24
  - (E) EXISTING GROUND LINE
  - (F) EXISTING SIDEWALK
  - (G) EXISTING HMA SHOULDER, 11 1/2" & VAR.

- NOTES:**
1. ACTUAL EXISTING PAVEMENT LAYERS VARY IN THICKNESS. DIMENSIONS SHOWN ON THE PLANS ARE NOMINAL THICKNESSES.
  2. SHOULDER TRANSITIONS TO RT TURN LANE AT INTERSECTION.
  3. PROVIDE ADDITIONAL 5' SHELF ADJACENT TO SIDEWALK WHERE FUTURE 10' BIKE PATH IS ANTICIPATED.
  4. SEE SPECIAL PROVISION FOR THE PAY ITEM "X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH".
  5. ADDITIONAL LEVELING BINDER (MACHINE METHOD), N70 SHALL BE USED FOR PROFILE GRADE CORRECTION.
  6. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE SURFACE ON WHICH THE SURFACE MIX WILL BE PLACED OF MAINLINE DUNDEE ROAD.

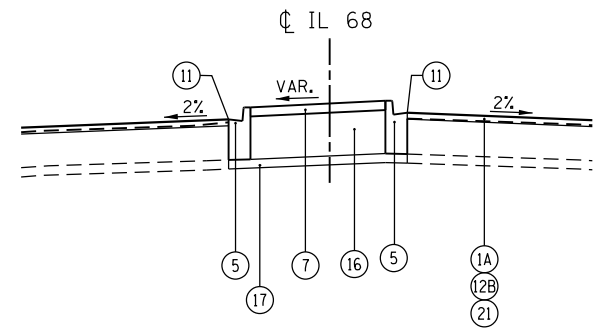


**PROP. TYPICAL IL 68 (DUNDEE ROAD)**

STA. 62+00.00 TO STA. 82+80.45 \*\*

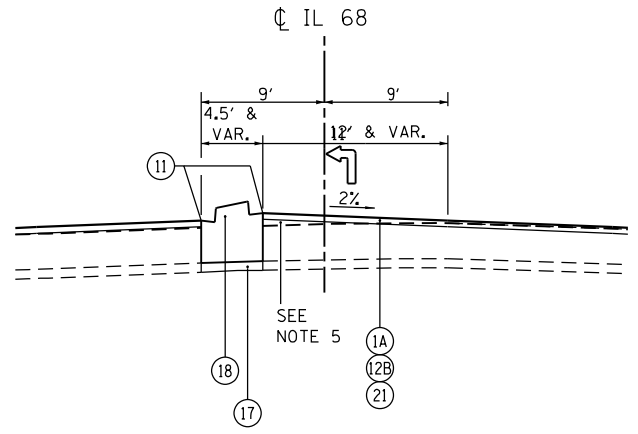
\* SEE ROADWAY PLANS FOR LIMITS AND DIMENSIONS.

- PROPOSED LEGEND**
- (1A) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"
  - (1B) NOT USED
  - (2) NOT USED
  - (3) NOT USED
  - (4) NOT USED
  - (5) COMBINATION CONCRETE CURB AND GUTTER, B-6.12
  - (6) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - (7) CONCRETE MEDIAN SURFACE, 4"
  - (8) SODDING, SALT TOLERANT
  - (9) TOPSOIL EXCAVATION AND PLACEMENT
  - (10) PCC SIDEWALK, 5"
  - (11) LONGITUDINAL SAW CUT, FULL DEPTH
  - (12A) NOT USED
  - (12B) HMA SURFACE REMOVAL, 1 3/4" WEST OF STA. 66+00 3 3/4" EAST OF STA. 66+00 (SEE NOTE 2)
  - (13) NOT USED
  - (14A) NOT USED
  - (14B) NOT USED
  - (15) NOT USED
  - (16) COARSE AGGREGATE BACKFILL
  - (17) SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - (18) CONCRETE MEDIAN, TYPE SB-6.12
  - (19) NOT USED
  - (20) NOT USED
  - (21) LEVELING BINDER (MACHINE METHOD), N70 VAR. WEST OF STA. 66+00 2" EAST OF STA. 66+00

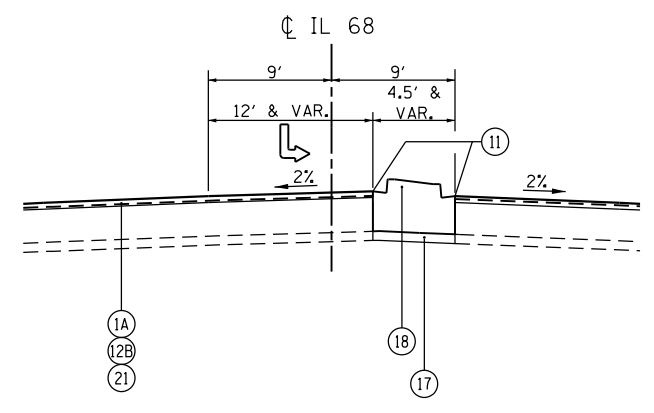


**MEDIAN DETAIL**

STA. 78+72.93 TO STA. 79+89.51



**EB LEFT TURN LANE MEDIAN DETAIL**



**WB LEFT TURN LANE MEDIAN DETAIL**

\*\* OMIT RESURFACING STA. 61+53.03 TO 62+50.20

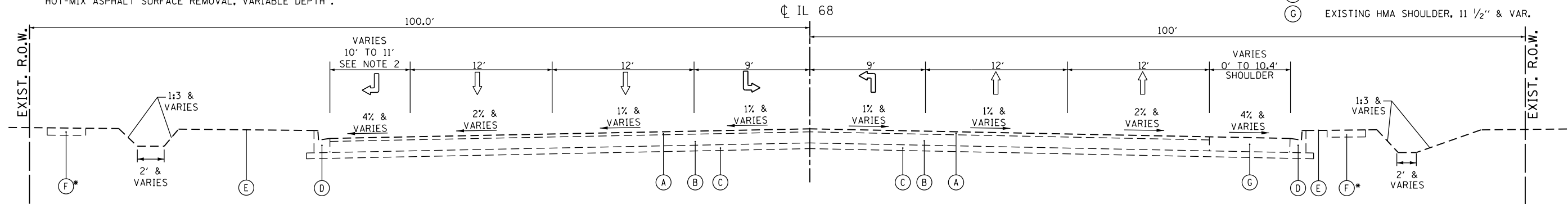
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PLOT SCALE = 14,000' / in.	DRAWN - RDT	REVISED -		SCALE: NTS	SHEET 2 OF 8 SHEETS	STA.	TO STA.		CONTRACT NO. 62A26		
PLOT DATE = 6/18/2019	CHECKED - MHL	REVISED -		ILLINOIS FED. AID PROJECT							
	DATE - 10/01/17	REVISED -									

NOTES:

- ACTUAL EXISTING PAVEMENT LAYERS VARY IN THICKNESS. DIMENSIONS SHOWN ON THE PLANS ARE NOMINAL THICKNESSES.
- SHOULDER TRANSITIONS TO RT TURN LANE AT INTERSECTION.
- PROVIDE ADDITIONAL 5' SHELF ADJACENT TO SIDEWALK WHERE FUTURE 10' BIKE PATH IS ANTICIPATED.
- SEE SPECIAL PROVISION FOR THE PAY ITEM "X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH".
- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE SURFACE ON WHICH THE SURFACE MIX WILL BE PLACED OF MAINLINE DUNDEE ROAD.

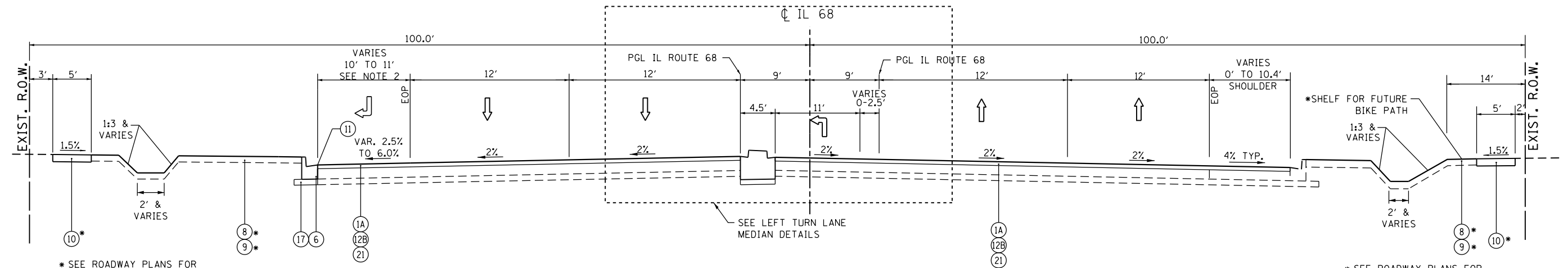
EXISTING LEGEND

- (A) EXISTING HMA OVERLAY, 2 3/4" & VAR.
- (B) EXISTING PCC BASE, 10"
- (C) EXISTING STABILIZED SUB-BASE, 4"
- (D) EXISTING CURB & GUTTER, B-6.24
- (E) EXISTING GROUND LINE
- (F) EXISTING SIDEWALK
- (G) EXISTING HMA SHOULDER, 11 1/2" & VAR.



**EXIST. TYPICAL IL 68 (DUNDEE ROAD)**

STA. 82+80.45 TO STA. 94+95.09

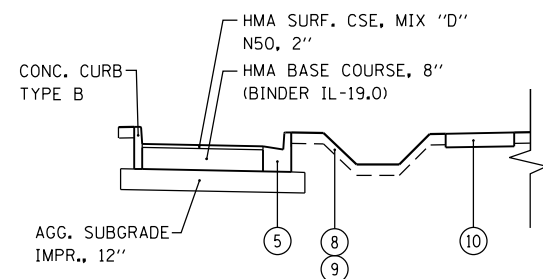


**PROP. TYPICAL IL 68 (DUNDEE ROAD)**

STA. 82+80.45 TO STA. 94+95.09

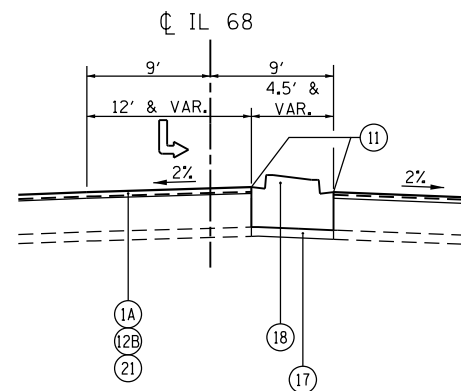
PROPOSED LEGEND

- (1A) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"
- (1B) NOT USED
- (2) NOT USED
- (3) NOT USED
- (4) NOT USED
- (5) COMBINATION CONCRETE CURB AND GUTTER, B-6.12
- (6) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- (7) NOT USED
- (8) SODDING, SALT TOLERANT
- (9) TOPSOIL EXCAVATION AND PLACEMENT
- (10) PCC SIDEWALK, 5"
- (11) LONGITUDINAL SAW CUT, FULL DEPTH
- (12A) NOT USED
- (12B) HMA SURFACE REMOVAL, 3 3/4" (SEE NOTE 4)
- (13) NOT USED
- (14A) NOT USED
- (14B) NOT USED
- (15) NOT USED
- (16) COARSE AGGREGATE BACKFILL
- (17) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (18) CONCRETE MEDIAN, TYPE SB-6.12
- (19) NOT USED
- (20) NOT USED
- (21) LEVELING BINDER (MACHINE METHOD), N70, 2"



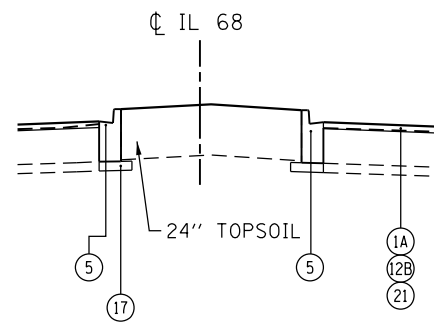
**ACCESS DRIVEWAY DETAIL**

STA. 86+35 TO STA. 90+35



**WB LEFT TURN LANE DETAIL**

STA. 82+57.39 TO STA. 89+46.17



**MEDIAN DETAIL**

STA. 89+46.17 TO STA. 92+82.64

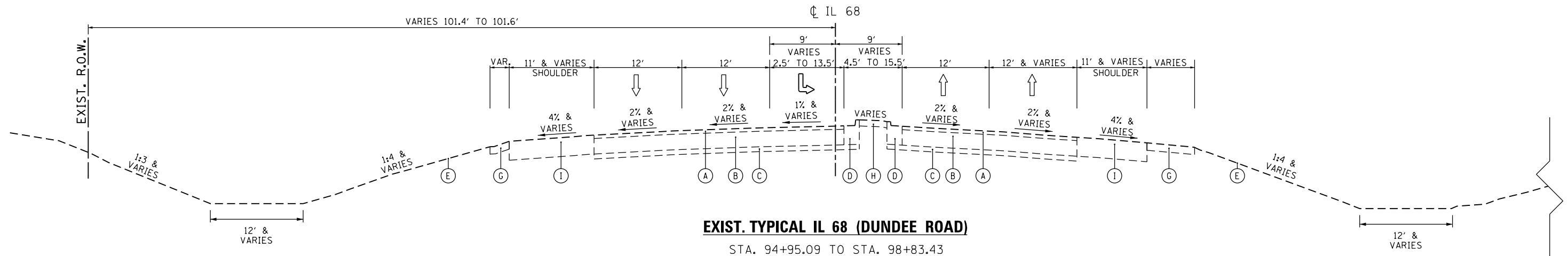
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	DRAWN - RDT	REVISED -
PLOT SCALE = 14,001' / in.	CHECKED - MHL	REVISED -
PLOT DATE = 6/18/2019	DATE - 10/01/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 53/IL 68 TYPICAL SECTIONS**

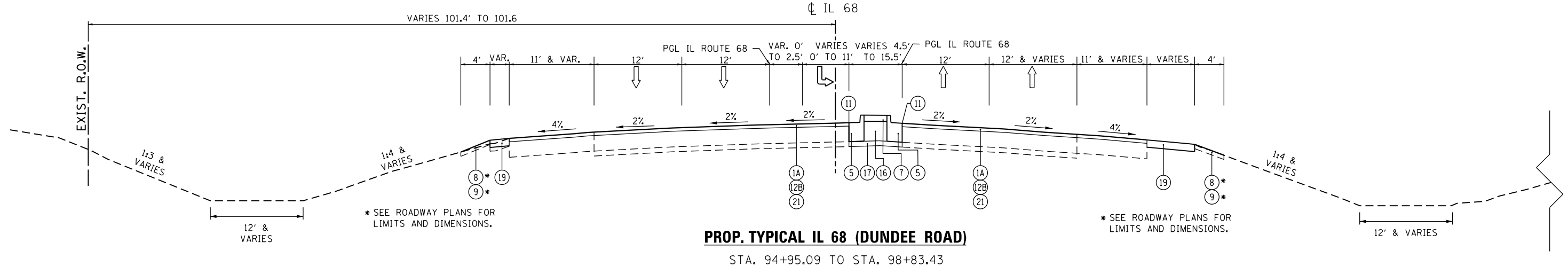
SCALE: NTS SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	20
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				



**EXIST. TYPICAL IL 68 (DUNDEE ROAD)**  
STA. 94+95.09 TO STA. 98+83.43

- EXISTING LEGEND**
- (A) EXISTING HMA OVERLAY, 2 3/4" & VAR.
  - (B) EXISTING PCC BASE, 10"
  - (C) EXISTING STABILIZED SUB-BASE, 4"
  - (D) EXISTING CURB & GUTTER
  - (E) EXISTING GROUND LINE
  - (F) NOT USED
  - (G) EXISTING AGG. SHOULDER
  - (H) EXISTING MEDIAN SURFACE
  - (I) EXISTING HMA SHOULDER



**PROP. TYPICAL IL 68 (DUNDEE ROAD)**  
STA. 94+95.09 TO STA. 98+83.43

- PROPOSED LEGEND**
- (1A) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"
  - (1B) NOT USED
  - (2) NOT USED
  - (3) NOT USED
  - (4) NOT USED
  - (5) COMBINATION CONCRETE CURB AND GUTTER, B-6.12
  - (6) NOT USED
  - (7) CONCRETE MEDIAN SURFACE, 4"
  - (8) SODDING, SALT TOLERANT
  - (9) TOPSOIL EXCAVATION AND PLACEMENT
  - (10) NOT USED
  - (11) LONGITUDINAL SAW CUT, FULL DEPTH
  - (12A) NOT USED
  - (12B) HMA SURFACE REMOVAL, 3 3/4" (SEE NOTE 4)
  - (13) NOT USED
  - (14A) NOT USED
  - (14B) NOT USED
  - (15) NOT USED
  - (16) COARSE AGGREGATE BACKFILL
  - (17) SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - (18) CONCRETE MEDIAN, TYPE SB-6.12
  - (19) AGGREGATE SHOULDERS, TYPE B
  - (20) NOT USED
  - (21) LEVELING BINDER (MACHINE METHOD), N70, 2"

**NOTES:**

1. ACTUAL EXISTING PAVEMENT LAYERS VARY IN THICKNESS. DIMENSIONS SHOWN ON THE PLANS ARE NOMINAL THICKNESSES.
2. SHOULDER TRANSITIONS TO RT TURN LANE AT INTERSECTION.
3. PROVIDE ADDITIONAL 5' SHELF ADJACENT TO SIDEWALK WHERE FUTURE 10' BIKE PATH IS ANTICIPATED.
4. SEE SPECIAL PROVISION FOR THE PAY ITEM "X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH".
5. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE SURFACE ON WHICH THE SURFACE MIX WILL BE PLACED OF MAINLINE DUNDEE ROAD.

\* SEE ROADWAY PLANS FOR LIMITS AND DIMENSIONS.

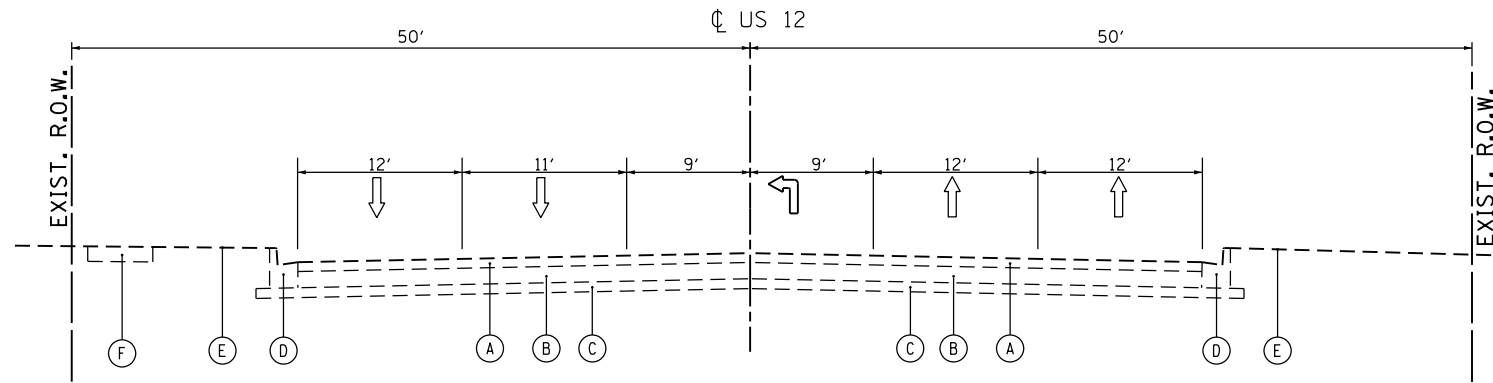
\* SEE ROADWAY PLANS FOR LIMITS AND DIMENSIONS.

USER NAME = Guest_2	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53/IL 68 TYPICAL SECTIONS</b>		F.A.P. RTE. 343	SECTION 3041-N-2	COUNTY COOK	TOTAL SHEETS 226	SHEET NO. 21	
PLOT SCALE = 14,001' / in.	CHECKED - MHL	REVISED -		SCALE: NTS	SHEET 4 OF 8 SHEETS	STA. TO STA.	CONTRACT NO. 62A26				
PLOT DATE = 6/18/2019	DATE - 10/01/17	REVISED -		ILLINOIS FED. AID PROJECT							
FILE NAME = D162A26-sht-typ.dgn Default											

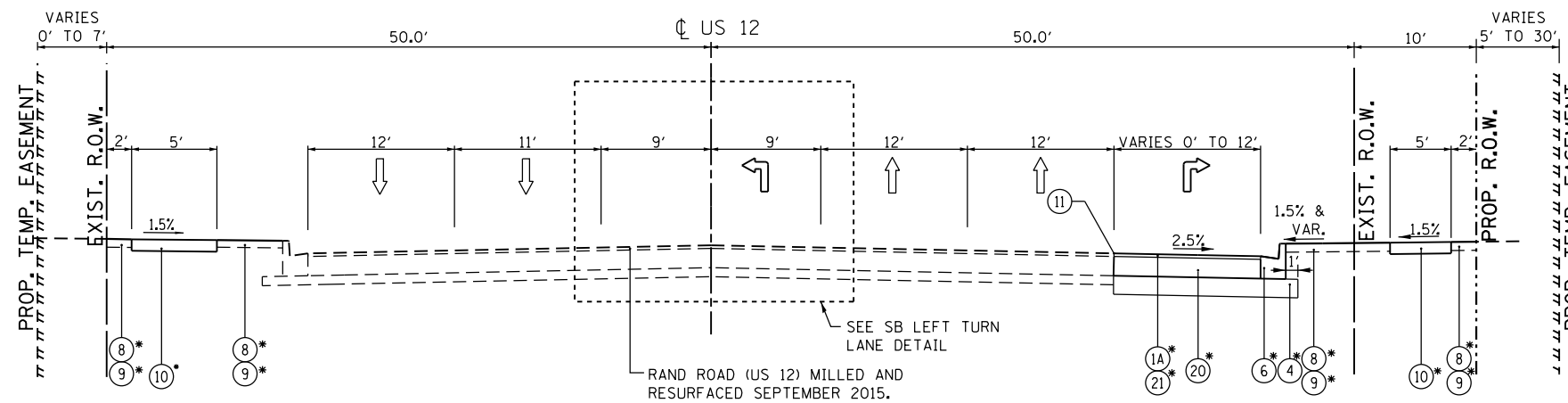
SEE FRONTAGE ROAD TYPICAL SECTION 1

SEE FRONTAGE ROAD TYPICAL SECTION 1





- EXISTING LEGEND**
- (A) EXISTING HMA OVERLAY
  - (B) EXISTING HMA BASE COURSE
  - (C) EXISTING STABILIZED SUB-BASE
  - (D) EXISTING CURB & GUTTER
  - (E) EXISTING GROUND LINE
  - (F) EXISTING SIDEWALK



- PROPOSED LEGEND**
- (1A) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"
  - (1B) HMA SURFACE COURSE, MIX "D", N70, 2"
  - (2) NOT USED
  - (3) NOT USED
  - (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
  - (5) NOT USED
  - (6) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - (7) NOT USED
  - (8) SODDING, SALT TOLERANT
  - (9) TOPSOIL EXCAVATION AND PLACEMENT
  - (10) PCC SIDEWALK, 5'
  - (11) LONGITUDINAL SAW CUT, FULL DEPTH
  - (12A) NOT USED
  - (12B) HMA SURFACE REMOVAL, 2 1/2" (SEE NOTE 1)
  - (13) NOT USED
  - (14A) NOT USED
  - (14B) NOT USED
  - (15) NOT USED
  - (16) NOT USED
  - (17) SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - (18) CONCRETE MEDIAN, TYPE SB-6.12
  - (19) NOT USED
  - (20) HMA BASE COURSE, 8 3/4"
  - (21) LEVELING BINDER (MACHINE METHOD), N70, 3/4"

STRUCTURAL DESIGN TRAFFIC: YEAR 2027  
 PV = 36,670 SU = 780 MU = 1,560

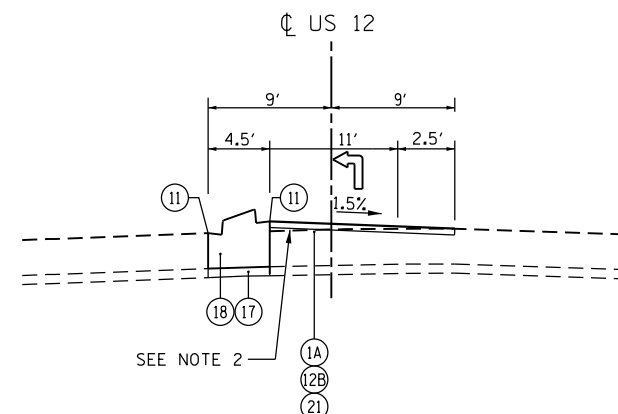
ROAD/STREET CLASSIFICATION: CLASS I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P = 32 S = 45 M = 45

TRAFFIC FACTOR: ACTUAL TF = 7.74 MINIMUM TF = 3.56

PG GRADE:  
 TOP BINDER = LOWER BINDER =  
 SURFACE =  
 SUBGRADE SUPPORT RATING:  
 SSR = POOR (STA. TO  
 SSR = POOR (STA. TO

- NOTES:**
- SEE SPECIAL PROVISION FOR THE PAY ITEM "X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH".
  - ADDITIONAL LEVELING BINDER (MACHINE METHOD), N70 SHALL BE USED FOR PROFILE GRADE CORRECTION.

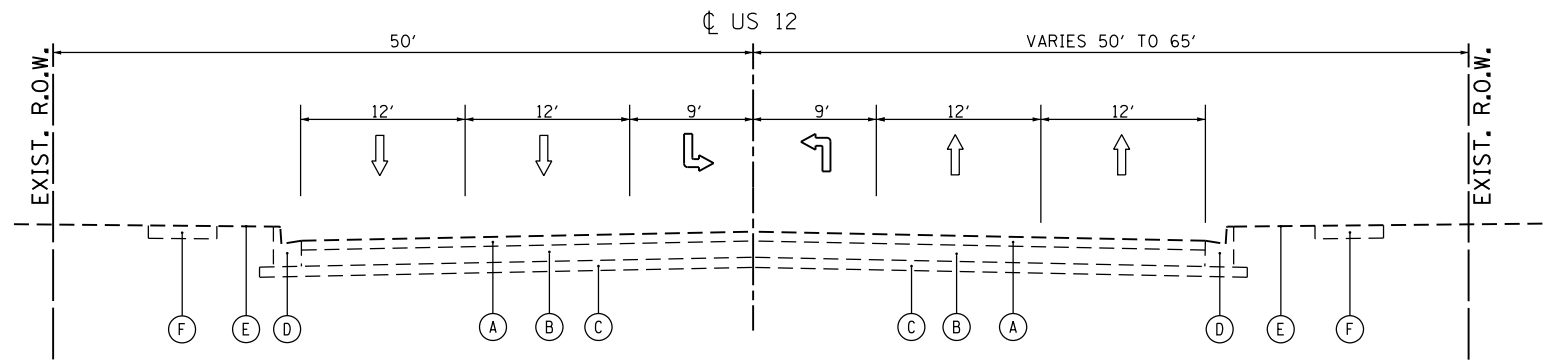


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) TYPICAL SECTIONS

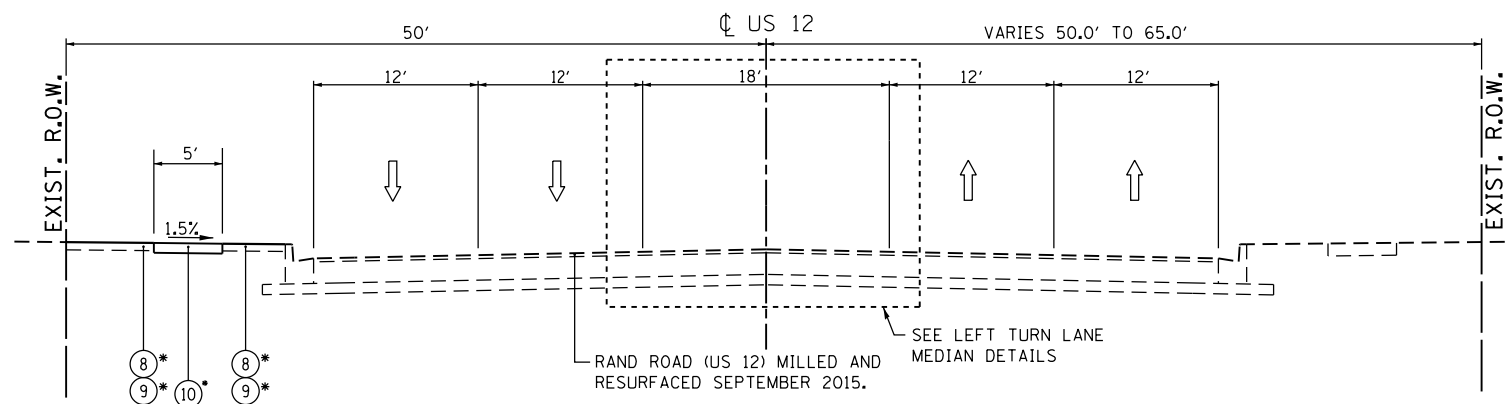
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	22
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

SCALE: NTS SHEET 5 OF 8 SHEETS STA. TO STA.



**EXIST. TYPICAL US 12 (RAND ROAD)**

STA. 62+00.00 TO STA. 69+95.24



**PROP. TYPICAL US 12 (RAND ROAD)**

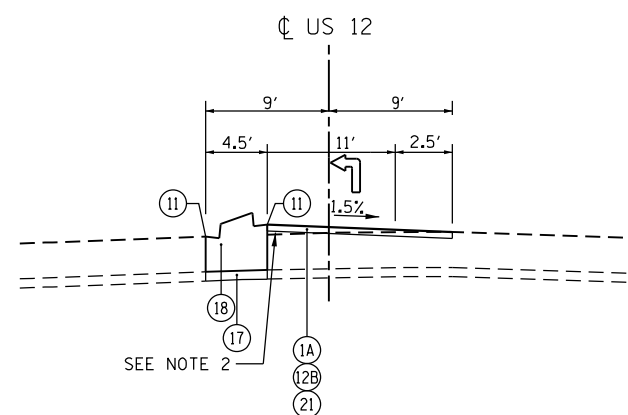
STA. 62+00.00 TO STA. 69+95.24

\* SEE ROADWAY PLANS FOR LIMITS AND DIMENSIONS.

RAND ROAD (US 12) MILLED AND RESURFACED SEPTEMBER 2015.  
SEE LEFT TURN LANE MEDIAN DETAILS

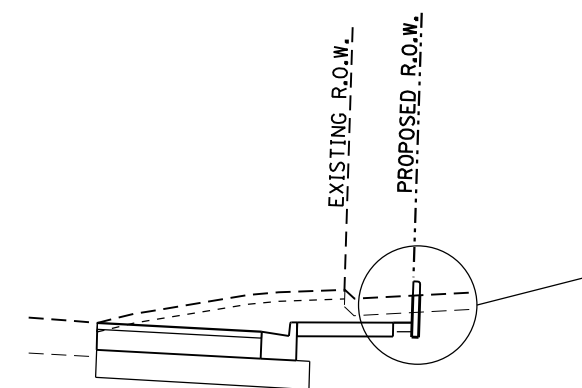
- EXISTING LEGEND**
- (A) EXISTING HMA OVERLAY
  - (B) EXISTING HMA BASE COURSE
  - (C) EXISTING STABILIZED SUB-BASE
  - (D) EXISTING CURB & GUTTER
  - (E) EXISTING GROUND LINE
  - (F) EXISTING SIDEWALK

- PROPOSED LEGEND**
- (1A) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"
  - (1B) NOT USED
  - (2) NOT USED
  - (3) NOT USED
  - (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
  - (5) NOT USED
  - (6) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - (7) NOT USED
  - (8) SODDING, SALT TOLERANT
  - (9) TOPSOIL EXCAVATION AND PLACEMENT
  - (10) PCC SIDEWALK, 5"
  - (11) LONGITUDINAL SAW CUT, FULL DEPTH
  - (12A) NOT USED
  - (12B) HMA SURFACE REMOVAL, 2 1/2" (SEE NOTE 1)
  - (13) NOT USED
  - (14A) NOT USED
  - (14B) NOT USED
  - (15) NOT USED
  - (16) NOT USED
  - (17) SUBGRADE GRANULAR MATERIAL, TYPE B 4"
  - (18) CONCRETE MEDIAN, TYPE SB-6.12
  - (19) NOT USED
  - (20) NOT USED
  - (21) LEVELING BINDER (MACHINE METHOD), N70, 3/4"



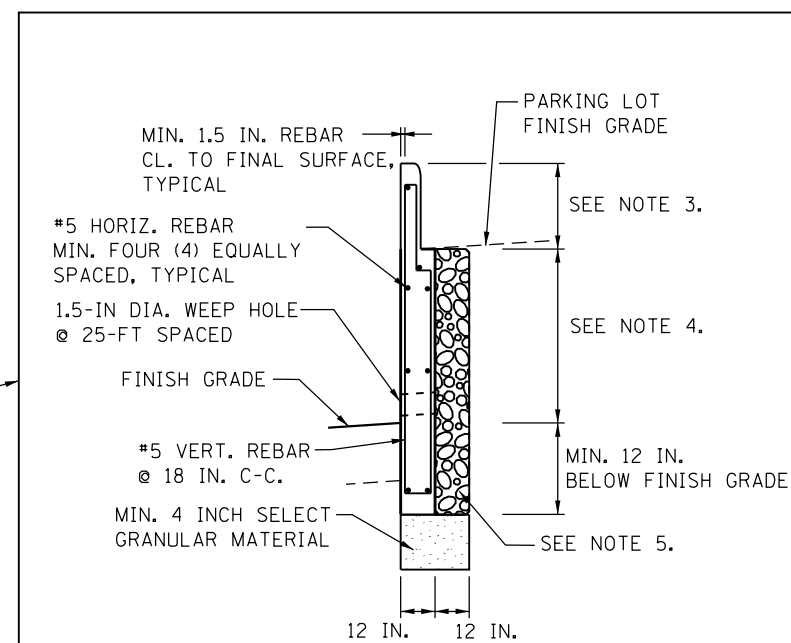
**NB LEFT TURN LANE DETAIL**

STA. 62+82.90 TO STA. 66+80.24



**CONCRETE CURB, TYPE B (SPECIAL) DETAIL**

US 12 (RAND ROAD) STA. 57+40 RT TO 58+65 RT\* (PARCEL OJB0006)



**NOTES:**

1. SEE SPECIAL PROVISION FOR THE PAY ITEM "X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH".
2. ADDITIONAL LEVELING BINDER (MACHINE METHOD), N70 SHALL BE USED FOR PROFILE GRADE CORRECTION.
3. MINIMUM 6 INCH CURB FACE ABOVE PARKING LOT FINISH GRADE. PROVIDE IDOT STANDARD CURB TYPE B PROFILE.
4. HEIGHT VARIES (MAXIMUM HEIGHT OF 2 FEET).
5. MINIMUM 1 FOOT OF POROUS GRANULAR BACKFILL MATERIAL WRAPPED IN GEOTEXTILE FABRIC.

USER NAME = Guest_2	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 12 (RAND ROAD) TYPICAL SECTIONS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 14,001' / in.	DRAWN - RDT	REVISED -		SCALE: NTS	SHEET 6 OF 8 SHEETS	STA.	343	3041-N-2	COOK	226	23
PLOT DATE = 6/18/2019	CHECKED - MHL	REVISED -				TO STA.	<b>CONTRACT NO. 62A26</b>				
	DATE - 10/01/17	REVISED -					ILLINOIS FED. AID PROJECT				

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USER NAME = Guest_2	DESIGNED - RDT	REVISED -
	DRAWN - RDT	REVISED -
PLOT SCALE = 14.003' / in.	CHECKED - MHL	REVISED -
PLOT DATE = 2/13/2019	DATE - 10/01/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KENNEDY DRIVE TYPICAL SECTIONS**

SCALE: NTS    SHEET 7 OF 8 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	24
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

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USER NAME = Guest_2	DESIGNED - RDT	REVISED -
	DRAWN - RDT	REVISED -
PLOT SCALE = 14.003' / in.	CHECKED - MHL	REVISED -
PLOT DATE = 2/13/2019	DATE - 10/01/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FRONTAGE ROAD TYPICAL SECTIONS**

SCALE: NTS    SHEET 8 OF 8 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	25
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				









PAVEMENT MARKINGS AND PAVEMENT MARKERS

LOCATION	4 INCH			6 INCH		8 INCH		12 INCH		24 INCH	LETTERS AND SYMBOLS	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
	WHITE SKIP-DASH	WHITE SOLID	YELLOW SOLID	DOUBLE YELLOW	WHITE SOLID	WHITE SKIP-DASH	WHITE SOLID	YELLOW SOLID	WHITE SOLID	YELLOW SOLID			STOP BAR
	FOOT	FOOT	FOOT	FOOT	FOOT		FOOT	FOOT	FOOT	FOOT			FOOT
<b>IL 53/IL 68</b>													
55+00 TO 62+00	289			2,306	832	88	43		178	65	63	218.4	70
62+00 TO 70+00	361	701	1,264		1,338	131	58		448		62	212.4	89
70+00 TO 82+45	572	2,108	2,088	112	1,656	207		111	804	16	40	261.2	140
83+24 TO 95+42	499	1,960	2,027		1,136	219			872		97	158	102
95+42 TO 98+83	170	709	703		290	113	79				49	30.4	27
<b>RAND ROAD</b>													
57+22 TO 62+00			535		790	105	128	50	147.5	21	61		
62+00 TO 66+80.24			806		862	44	102		353.5		63		
<b>BALDWIN ROAD</b>													
50+68.77 TO 51+52.54				147	74				114		23.5		
<b>BALDWIN LANE</b>													
				58	29				108		27.2		
<b>FRONTAGE ROAD</b>													
50+43.30 TO 50+86.96											13.9		2
<b>KENNEDY DRIVE</b>													
50+43.42 TO 50+78.51											17.2		
<b>DRIVEWAY FOR DEV. AT STA.87+50</b>				548					120		75		

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	880	SQ. FT.
78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"	17,964	FOOT
78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"	7,913	FOOT
78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"	571	FOOT
78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"	3,247	FOOT
78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"	592	FOOT
78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	430	EACH

40600290 BITUMINOUS MATERIALS (TACK COAT)

LOCATION	AREA (SQ. FT.)	RATE (LBS/SQ. FT.)	QTY (LBS)
<b>IL 53/IL 68</b>			
55+45.22 TO 61+53.03	48,009	0.075	3,601
55+45.22 TO 59+62.89	775	0.075	58
62+52.20 TO 70+00.00	58,444	0.075	4,383
70+00.00 TO 84+00.00	121,983	0.075	9,149
84+00.00 TO 96+00.00	101,607	0.075	7,621
96+00.00 TO 98+83.41	24,312	0.075	1,823
<b>BALDWIN ROAD WIDENING</b>	652	0.075	49
<b>US 12 (RAND ROAD)</b>			
56+25.25 TO 60+45.69	3,783	0.075	284
58+60.00 TO 61+20.20	3,514	0.075	264
62+83.84 TO 66+80.24	5,352	0.075	401

BITUMINOUS MATERIALS (TACK COAT), TOTAL = 27,632 POUND

60603500 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06

LOCATION	LENGTH (FOOT)
<b>US 12 (RAND ROAD)</b>	
63+14.07 TO 63+21.88 LT	16

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06, TOTAL = 16 FOOT

60618300 CONCRETE MEDIAN SURFACE, 4 INCH

LOCATION	QTY (SQ. FT.)
<b>IL 53/IL 68</b>	
IL 53/IL 68 AND US 12 INTERSECTION SE CORNER	223
78+76.11 TO 79+89.51	874
97+27.29 TO 98+83.43	917

CONCRETE MEDIAN SURFACE, 4 INCH, TOTAL = 2,014 SQ. FT.

63200310 GUARDRAIL REMOVAL

LOCATION	QTY (FEET)
<b>RAND ROAD (US 12)</b>	
58+73.76 RT	20

GUARDRAIL REMOVAL, TOTAL = 20 FEET

44000600 SIDEWALK REMOVAL

LOCATION	QTY (SQ. FT.)
<b>IL 53/IL 68</b>	
55+45.22 TO 55+66.73 RT	104
56+31.92 TO 56+61.03 RT	159
57+45.81 TO 57+72.52 RT	121
57+90.57 TO 58+24.73 RT	207
58+20.02 TO 58+34.49 LT	65
58+43.07 TO 58+73.19 RT	157
61+69.57 TO 61+79.56 RT	77
63+89.10 TO 63+98.28 RT	52
64+22.81 TO 64+70.92 RT	302
64+40.57 TO 66+25.13 LT	1,132
65+02.28 TO 65+18.10 RT	78
66+62.98 TO 67+99.42 LT	646
68+34.16 TO 68+79.86 LT	218
69+06.04 TO 69+77.21 LT	344
70+08.02 TO 70+77.17 LT	334
71+07.77 TO 72+16.92 LT	519
72+46.62 TO 72+94.94 LT	235
73+11.20 TO 73+81.22 LT	330
74+01.99 TO 74+44.02 LT	202
74+10.03 TO 74+32.24 RT	105
74+83.00 TO 74+96.73 RT	60
81+43.37 TO 81+57.44 LT	70
81+98.99 TO 82+03.67 RT	23
82+39.26 TO 82+57.42 RT	263
83+02.02 TO 83+15.12 RT	130
89+74.17 TO 89+90.59 RT	75
<b>US 12 (RAND ROAD)</b>	
57+10.87 TO 57+23.99 RT	64
60+25.79 TO 60+49.30 RT	246
60+38.15 TO 60+55.63 RT	93
63+51.68 TO 63+57.72 LT	22
63+69.77 TO 63+97.70 LT	189
64+20.37 TO 65+62.53 LT	924
65+91.70 TO 67+27.00 LT	906
66+62.61 TO 66+70.11 RT	35
66+93.98 TO 67+02.62 RT	40
<b>BALDWIN ROAD</b>	
50+53.83 TO 50+80.87 LT	175
50+54.65 TO 51+02.01 RT	308

SIDEWALK REMOVAL, TOTAL = 9,010 SQ. FT.

60619600 CONCRETE MEDIAN, TYPE SB-6.12

LOCATION	QTY (SQ. FT.)
<b>IL 53/IL 68</b>	
62+79.32 TO 68+18.94	2,426
68+94.44 TO 74+08.80	2,496
75+23.82 TO 78+35.46	1,398
79+89.51 TO 82+36.76	1,110
83+31.79 TO 87+06.29	1,681
87+98.92 TO 89+46.17	660
92+82.57 TO 94+29.89	661
95+33.85 TO 97+27.29	942
<b>US 12 (RAND ROAD)</b>	
58+60.00 TO 61+21.19	1,156
62+82.85 TO 66+80.24	1,769

CONCRETE MEDIAN, TYPE SB-6.12, TOTAL = 14,299 SQ. FT.

**42400800 DETECTABLE WARNINGS**

LOCATION		AREA (SQ. FT.)
STA.	SIDE	
<b>IL 53/IL 68</b>		
55+56.68	RT	18
55+98.40	RT	10
56+04.48	RT	10
56+27.05	RT	14
57+60.81	RT	19
57+91.98	RT	13
58+19.59	RT	13
58+31.07	LT	10
58+43.22	RT	33
58+70.87	LT	10
58+83.67	LT	10
59+29.77	LT	10
62+14.04	RT	10
64+43.16	LT	10
67+97.09	LT	10
68+34.26	LT	10
68+77.78	LT	10
69+06.49	LT	10
69+73.99	LT	10
70+09.18	LT	10
70+73.72	LT	10
71+07.50	LT	10
72+14.85	LT	10
72+46.60	LT	10
72+92.65	LT	10
73+11.15	LT	10
73+79.20	LT	10
74+01.95	LT	10
74+18.03	RT	10
74+41.89	LT	10
74+85.17	RT	10
82+38.38	RT	32
82+38.65	LT	16
83+06.78	RT	22
83+14.87	LT	17
83+23.92	LT	19
83+24.69	RT	10
87+10.23	LT	10
87+89.17	LT	10
89+92.46	LT	10
90+21.75	LT	12
92+73.90	LT	10
94+31.64	RT	12
94+32.14	LT	10
<b>RAND ROAD (US 12)</b>		
53+82.87	RT	13
55+62.55	LT	10
55+66.39	RT	10
55+90.23	LT	10
55+93.62	RT	10
56+79.30	RT	10
57+12.38	RT	20
57+32.13	RT	16
57+74.36	RT	14
58+17.37	RT	14
58+57.32	RT	14
59+62.16	RT	14
60+03.53	RT	10
60+59.25	RT	10

**42400800 DETECTABLE WARNINGS (CONT'D)**

LOCATION		AREA (SQ. FT.)
STA.	SIDE	
<b>RAND ROAD (US 12)</b>		
62+99.34	LT	9
63+12.68	LT	12
63+52.35	LT	10
65+56.66	LT	17
65+91.14	LT	18
66+66.23	RT	10
66+94.88	RT	10
<b>BALDWIN ROAD</b>		
50+68.71	RT	17
50+68.73	LT	13

DETECTABLE WARNINGS, TOTAL = 841  
SQ. FT.

**28000400 PERIMETER EROSION BARRIER**

LOCATION				LENGTH (FOOT)
STA.	STA.	SIDE		
<b>IL 53/IL 68</b>				
63+48	TO	64+56	LT	108
64+85	TO	65+82	LT	97
87+70	TO	89+46	RT	176
89+74	TO	90+13	RT	39
90+41	TO	92+15	RT	164
90+45	TO	92+74	LT	229
92+50	TO	93+96	RT	146
93+02	TO	94+28	LT	128
95+67	TO	98+81	LT	314
<b>US 12 (RAND ROAD)</b>				
55+40	TO	55+64	LT	24
55+91	TO	57+51	LT	160

PERIMETER EROSION BARRIER, TOTAL = 1,585  
FOOT

**28000500 INLET AND PIPE PROTECTION**

LOCATION				QTY (EACH)
STA.	STA.	SIDE		
<b>DUNDEE ROAD</b>				
55+00	TO	70+00	RT	1
55+00	TO	70+00	LT	1
70+00	TO	96+00	RT	6
70+00	TO	96+00	LT	9
96+00	TO	98+60	RT	1
96+00	TO	98+60	RT	1
<b>US 12 (RAND ROAD)</b>				
50+00	TO	74+00	RT	8
50+00	TO	74+00	LT	1

INLET AND PIPE PROTECTION, TOTAL = 28  
EACH

**28000510 INLET FILTERS**

LOCATION				QTY (EACH)
STA.	STA.	SIDE		
<b>DUNDEE ROAD</b>				
55+00	TO	70+00	RT	5
55+00	TO	70+00	LT	10
70+00	TO	96+00	RT	8
70+00	TO	96+00	LT	18
96+00	TO	98+60	RT	1
96+00	TO	98+60	RT	1
<b>US 12 (RAND ROAD)</b>				
50+00	TO	74+00	RT	3
50+00	TO	74+00	LT	5

INLET FILTERS, TOTAL = 51  
EACH

**SIGN PANELS AND METAL POSTS**

LOCATION		72000100 SIGN PANEL, TYPE 1 AREA (SQ. FT.)	72900100 METAL POST - TYPE A LENGTH (FOOT)	72900200 METAL POST - TYPE B LENGTH (FOOT)
STA.	SIDE			
<b>IL 53/IL 68</b>				
58+05.11	53' RT	6.25	3.5	
61+33.52	49' RT	7.5	3.5	
62+66.11	52' LT	7.5	3.5	
62+86.48 (2)	7' RT	10		4
68+11.96 (2)	7' LT	10		4
69+01.70 (2)	7' RT	10		4
73+76.01	47.5' RT	7.5	3.5	
74+01.70 (2)	7' LT	10		4
75+31.02 (2)	7' RT	10		4
78+28.31 (2)	7' LT	10		4
78+81.84 (2)	3.3' RT	11.25		4
82+29.57 (2)	7' LT	10		4
83+39.06 (2)	7' RT	10		4
83+45.02	53.5' LT	7.5	3.5	
86+99.05 (2)	7' LT	10		4
87+10.76	66.5' LT	4	3.5	
87+14.57	61.5' LT	4	3.5	
87+91.59	100' LT	4	3.5	
88+06.27 (2)	7' RT	10		4
89+76.76	66' LT	4	3.5	
94+22.35 (2)	7' LT	10		4
95+52.16 (2)	6' RT	10		4
<b>RAND ROAD (US 12)</b>				
58+67.22	8' LT	5	3.5	
60+18.06	56' RT	7.5	3.5	
61+05.30 (2)	8' LT	10		4
62+97.68 (2)	5.5' RT	10		4
66+73.03	6' RT	5	3.5	
<b>TOTALS</b>		<b>221</b>	<b>42</b>	<b>60</b>
		SQ. FT.	FEET	FEET

ALIGNMENT COORDINATES - IL 53 / 68			
STATION	N	E	
POT	50+00.00	1993453.853	1067543.061
PI	62+00.00	1993451.668	1068743.058
PI	82+80.46	1993456.666	1070823.506
PI	94+95.09	1993458.177	1072038.150
POT	104+45.09	1993460.015	1072988.148

**BENCHMARK 1**  
ELEV. 739.56

SOUTH BOLT FOR CANTILEVERED SIGN BASE "ILLINOIS RT 53" SOUTH ON NORTH SIDE DUNDEE ROAD (IL RT 68) AT TOP OF RAMP WESTBOUND RT 68 TO SOUTHBOUND RT 53.

**BENCHMARK 2**  
ELEV. 727.55

"□" BOX CUT ON SOUTH SIDE CONCRETE BASE NORTH SIDE OF DUNDEE ROAD ± 300' EAST OF KENNEDY DRIVE.

**BENCHMARK 3**  
ELEV. 732.99

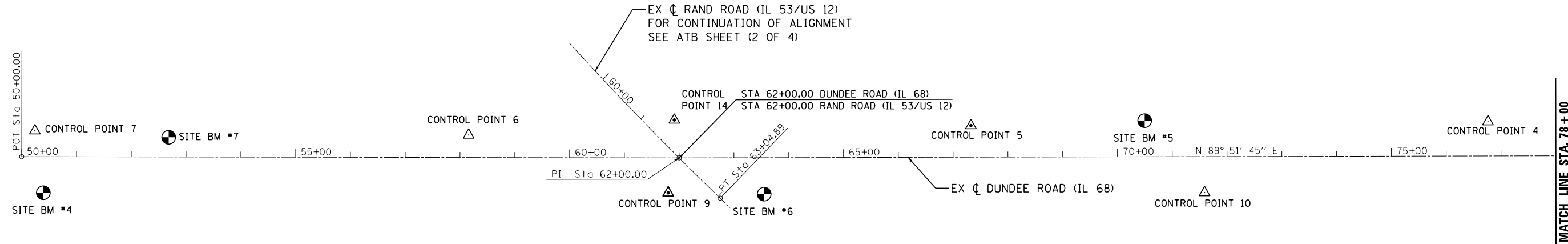
"X" IN NE BONNET BOLT F/H SOUTH SIDE DUNDEE ROAD ± 100' WEST OF EAST ENTRANCE TO ARLINGTON LEXUS.

**BENCHMARK 4**  
ELEV. 731.02

"X" IN NW BONNET BOLT F/H SOUTH SIDE DUNDEE ROAD ± 375' WEST OF BALDWIN ROAD.

**BENCHMARK 5**  
ELEV. 723.94

"X" IN NW BONNET BOLT F/H NORTH SIDE DUNDEE ROAD ± 900' EAST OF RAND ROAD BETWEEN ENTERPRISE RENTAL CAR AND US CELLULAR.



**BENCHMARK 6**  
ELEV. 731.86

"□" CUT IN NORTHWEST CORNER TRAFFIC SIGNAL CONTROL BOX AT NE CORNER OF INTERSECTION RAND ROAD AND DUNDEE ROAD.

**BENCHMARK 7**  
ELEV. 743.79

"□" CUT IN WEST CORNER TRIANGLE CONCRETE ISLAND NORTH SIDE DUNDEE ROAD ± 180' EAST OF LYNDA DRIVE.

**BENCHMARK 8**  
ELEV. 751.94

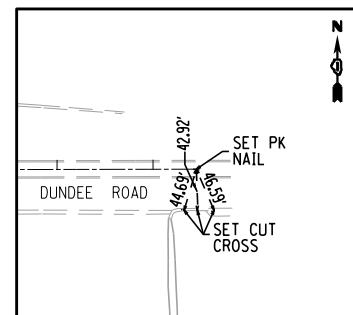
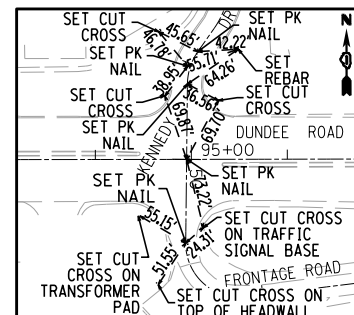
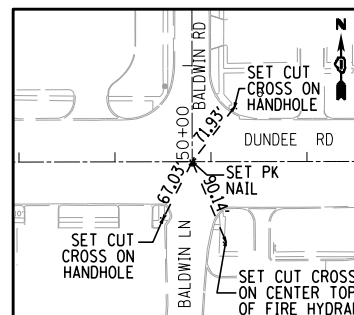
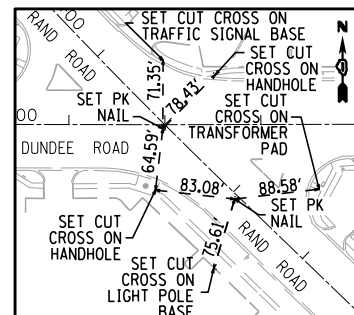
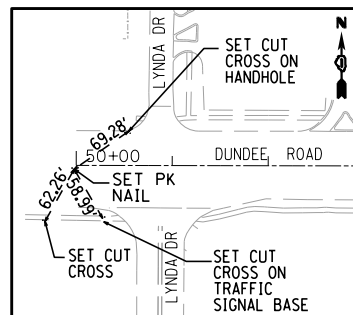
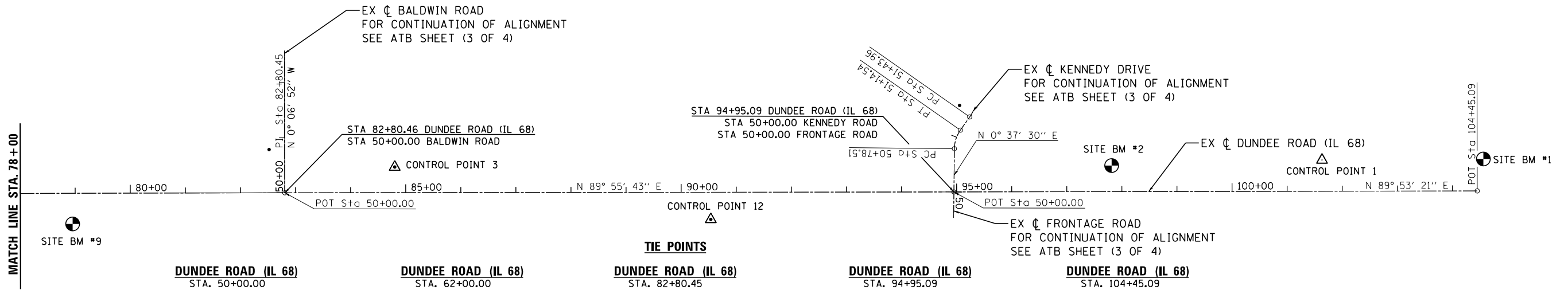
RAILROAD SPIKE IN SOUTH SIDE OF POWER POLE ON SOUTH SIDE OF DUNDEE ROAD THIRD POLE WEST OF LYNDA DRIVE.

**BENCHMARK 9**  
ELEV. 746.39

"□" IN NW CORNER TRAFFIC SIGNAL CONTROL BOX AT SW CORNER DUNDEE ROAD AND LYNDA DRIVE.

**NOTE:**

1. BENCHMARKS #3 & #8 ARE OUTSIDE PROJECT LIMITS AND ARE NOT SHOWN ON THE PLAN VIEW.



FILE NAME =	USER NAME = mgarvida	DESIGNED - V.O.	REVISED -
D162A26-sht-ATB-01		DRAWN - E.C.	REVISED -
	PLOT SCALE = 199.999600:1.000000	CHECKED - V.P.	REVISED -
*MODELNAME*	PLOT DATE = 30-JUN-2017 13:40	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

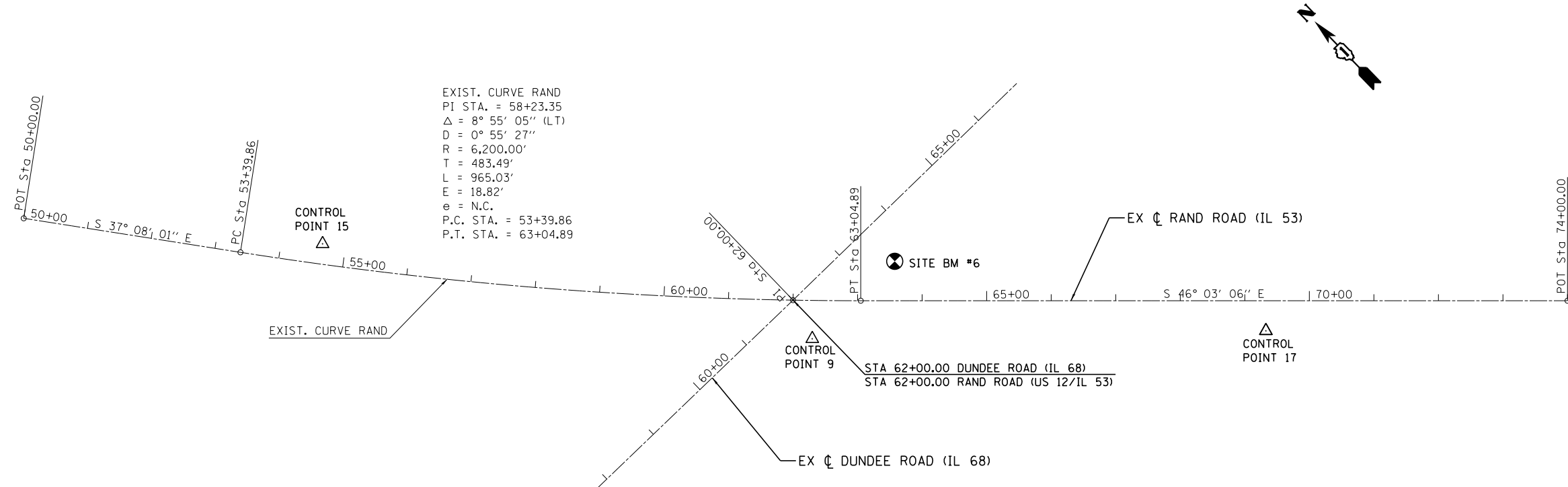
IL 53 / IL 68  
ALIGNMENT, TIES, BENCHMARKS, AND CONTROL POINTS

SCALE: 1" = 100' SHEET 1 OF 4 SHEETS STA. TO STA.

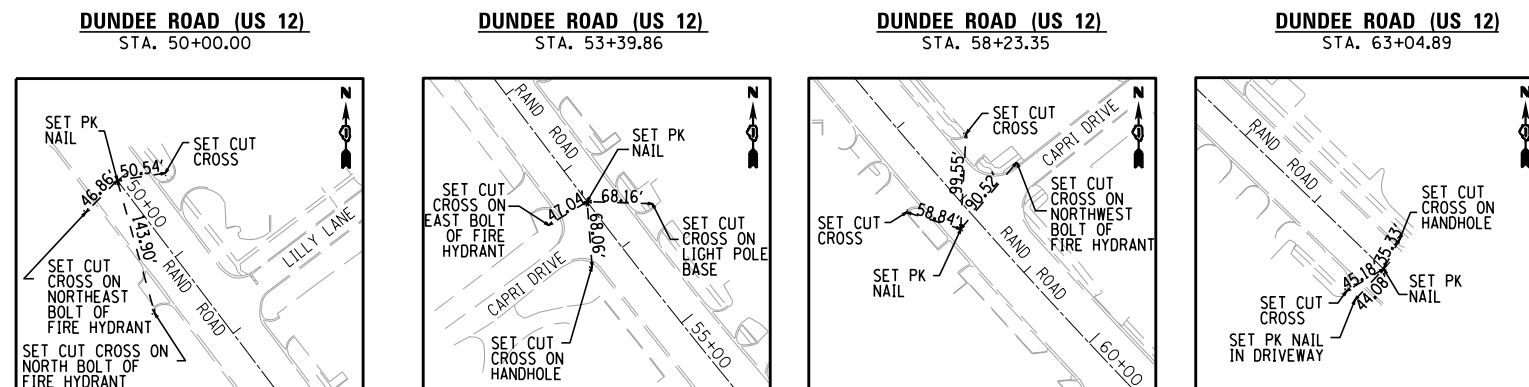
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	31
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

ATB-01

ALIGNMENT COORDINATES - RAND RD (US 12/IL 53)			
	STATION	N	E
POT	50+00.00	1994370.187	1067972.822
PC	53+39.86	1994099.240	1068177.987
PI	58+23.35	1993713.784	1068469.860
POC	62+00.00	1993451.668	1068743.058
PT	63+04.89	1993378.236	1068817.959
POT	74+00.00	1992618.222	1069606.398



**TIE POINTS**



FILE NAME = D162A26-sht-ATB-02	USER NAME = mgarvindo	DESIGNED - V.O.	REVISED -
	PLOT SCALE = 199.999680:1.000000	DRAWN - E.C.	REVISED -
#MODELNAME#	PLOT DATE = 30-JUN-2017 13:40	CHECKED - V.P.	REVISED -
		DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

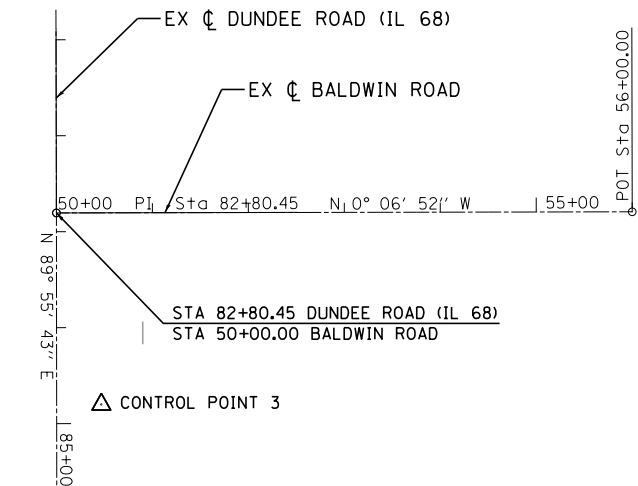
**RAND ROAD (US 12)  
ALIGNMENT, TIES, BENCHMARKS, AND CONTROL POINTS**

SCALE: 1" = 100' SHEET 2 OF 4 SHEETS STA. TO STA.

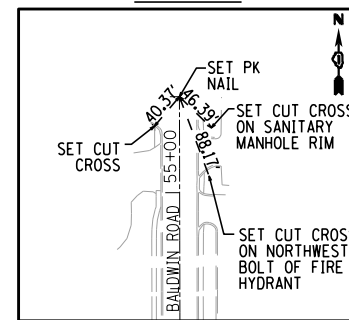
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	32
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

ATB-02

ALIGNMENT COORDINATES - BALDWIN ROAD			
STATION	N	E	
POT 50+00.00	1993456.666	1070823.506	
POT 56+00.00	1994056.664	1070822.307	



**TIE POINTS**



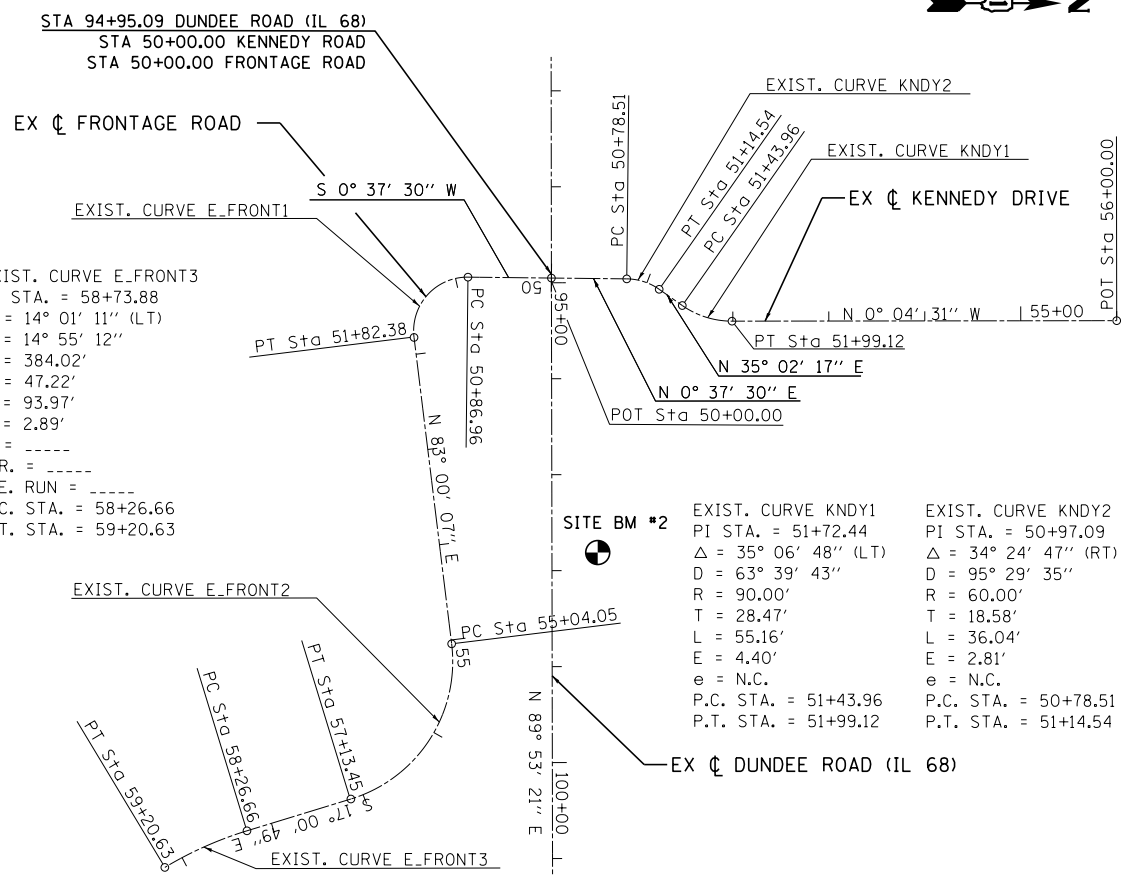
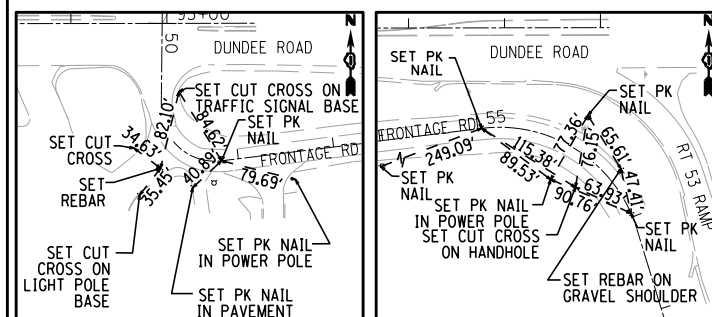
EXIST. CURVE E\_FRONT1  
PI STA. = 51+50.96  
Δ = 97° 37' 22" (LT)  
D = 102° 18' 50"  
R = 56.00'  
T = 63.99'  
L = 95.42'  
E = 29.04'  
e = N.C.  
P.C. STA. = 50+86.96  
P.T. STA. = 51+82.38

EXIST. CURVE E\_FRONT2  
PI STA. = 56+29.88  
Δ = 79° 59' 03" (RT)  
D = 38° 11' 50"  
R = 150.00'  
T = 125.83'  
L = 209.40'  
E = 45.79'  
e = 5.8%  
T.R. = 41'  
S.E. RUN = 118'  
P.C. STA. = 55+04.05  
P.T. STA. = 57+13.45

ALIGNMENT COORDINATES - FRONTAGE ROAD			
STATION	N	E	
PT 50+00.00	1993458.177	1072038.150	
PC 50+86.96	1993371.218	1072037.202	
PI 51+50.96	1993307.228	1072036.504	
PT 51+82.38	1993315.024	1072100.021	
PC 55+04.05	1993354.215	1072419.298	
PI 56+15.57	1993367.801	1072529.983	
PT 57+13.45	1993249.222	1072581.008	
PC 58+26.66	1993140.964	1072614.134	
PT 59+20.63	1993055.352	1072652.294	

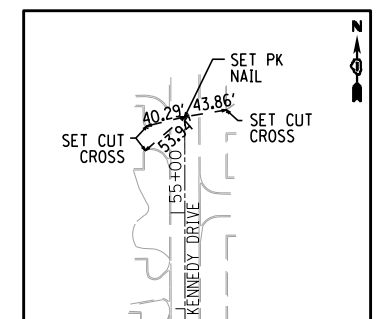
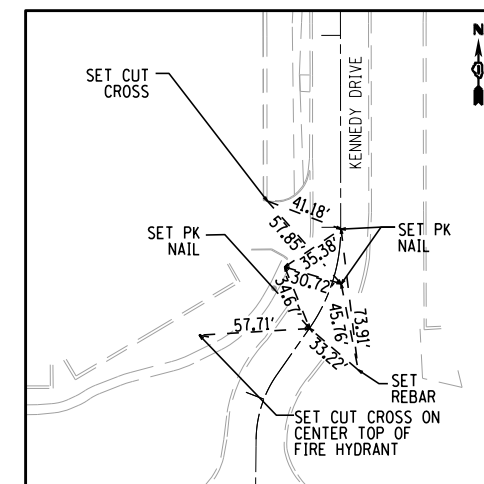
EXIST. CURVE E\_FRONT3  
PI STA. = 58+73.88  
Δ = 14° 01' 11" (LT)  
D = 14° 55' 12"  
R = 384.02'  
T = 47.22'  
L = 93.97'  
E = 2.89'  
e = ----  
T.R. = ----  
S.E. RUN = ----  
P.C. STA. = 58+26.66  
P.T. STA. = 59+20.63

**TIE POINTS**



ALIGNMENT COORDINATES - KENNEDY DRIVE			
STATION	N	E	
PT 50+00.00	1993458.177	1072038.150	
PC 50+78.51	1993536.678	1072039.007	
PI 50+97.09	1993555.258	1072039.209	
PT 51+14.54	1993570.471	1072049.877	
PC 51+43.96	1993594.560	1072066.768	
PI 51+72.44	1993617.874	1072083.116	
PT 51+99.12	1993646.349	1072083.078	
PT 56+00.00	1994047.228	1072082.551	

**TIE POINTS**



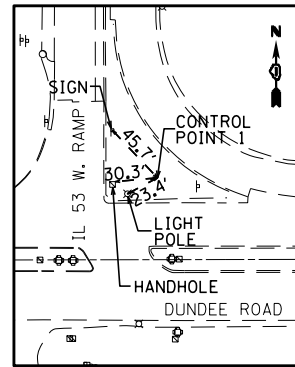
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#MODELNAME#	PLOT SCALE = 200.039600:1.000000	DRAWN - E.C.	REVISED -
	PLOT DATE = 30-JUN-2017 13:40	CHECKED - V.P.	REVISED -
		DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

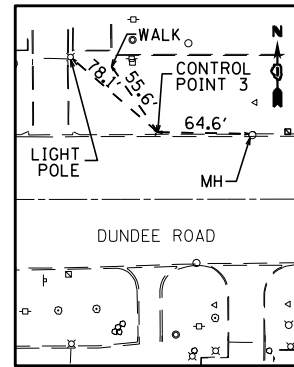
**BALDWIN ROAD, FRONTAGE ROAD, AND KENNEDY DRIVE  
ALIGNMENT, TIES, BENCHMARKS, AND CONTROL POINTS**

SCALE: 1" = 100' SHEET 3 OF 4 SHEETS STA. TO STA.

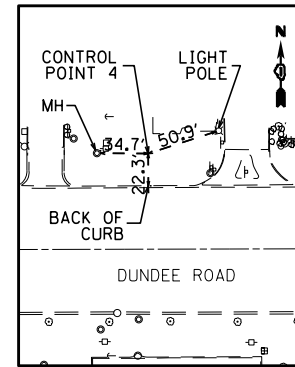
F.A.P. RTE. 343	SECTION 3041-N-2	COUNTY COOK	TOTAL SHEETS 226	SHEET NO. 33
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				



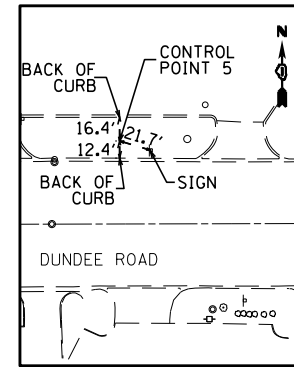
**CONTROL POINT 1**  
CUT CROSS  
STA. 101+63.41, 56.85' LT  
N 1,993,516.320  
E 1,072,706.347  
ELEV. 733.99



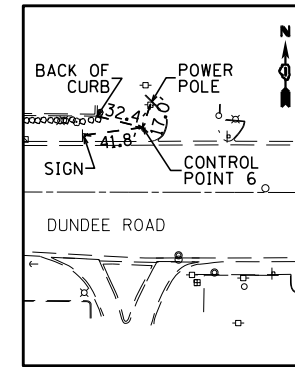
**CONTROL POINT 3**  
SET REBAR  
STA. 84+80.07, 46.59' LT  
N 1993503.502  
E 1071023.083  
ELEV. 732.15



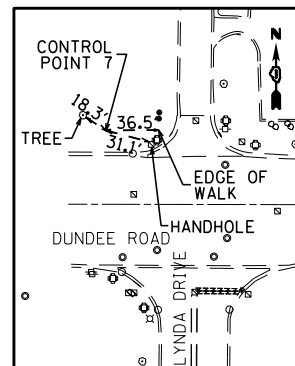
**CONTROL POINT 4**  
CUT CROSS  
STA. 76+76.37, 62.45' LT  
N 1,993,521.650  
E 1,070,221.416  
ELEV. 727.79



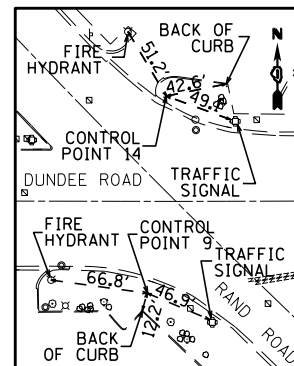
**CONTROL POINT 5**  
CUT CROSS  
STA. 67+32.58, 57.64' LT  
N 1,993,510.592  
E 1,069,275.503  
ELEV. 724.38



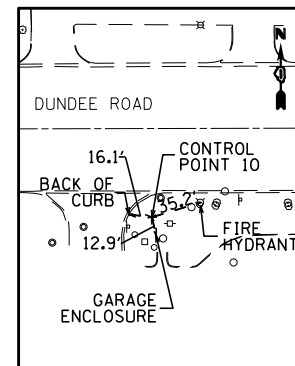
**CONTROL POINT 6**  
CUT CROSS  
STA. 58+17.89, 45.00' LT  
N 1,993,497.360  
E 1,068,361.030  
ELEV. 738.37



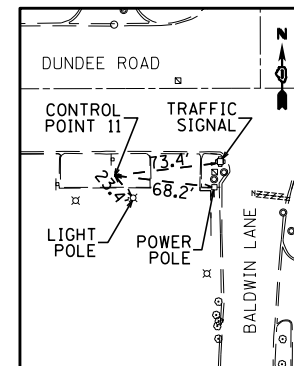
**CONTROL POINT 7**  
SET REBAR  
STA. 50+26.07, 51.29' LT  
N 1,993,505.100  
E 1,067,569.225  
ELEV. 745.37



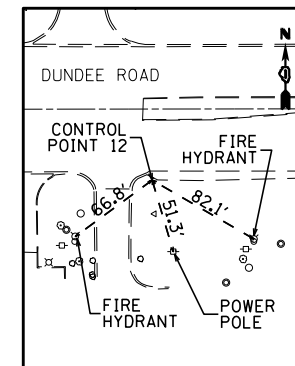
**CONTROL POINT 9 & 14**  
CONTROL POINT 9  
CUT CROSS IN SIDEWALK AT  
SW CORNER OF DUNDEE RD  
AND RAND RD.  
STA. 61+80.09, 63.78' RT  
N 1,993,387.935  
E 1,068,723.050  
ELEV. 732.51  
CONTROL POINT 14  
CUT CROSS  
STA. 61+93.18, 73.13' LT  
N 1,993,524.813  
E 1,068,736.369  
ELEV. 731.96



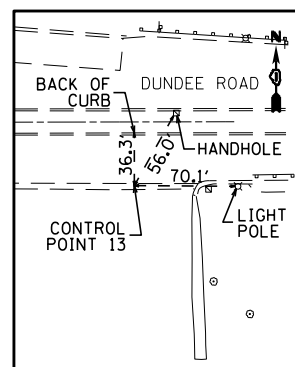
**CONTROL POINT 10**  
CUT CROSS ON CONCRETE WALK  
STA. 71+60.98, 61.59' RT  
N 1,993,392.383  
E 1,069,704.180  
ELEV. 722.47



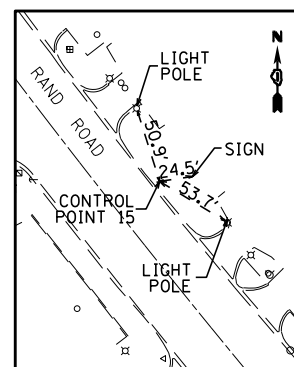
**CONTROL POINT 11**  
CUT CROSS  
STA. 81+79.24, 60.43' RT  
N 1,993,395.993  
E 1,070,722.441  
ELEV. 732.65



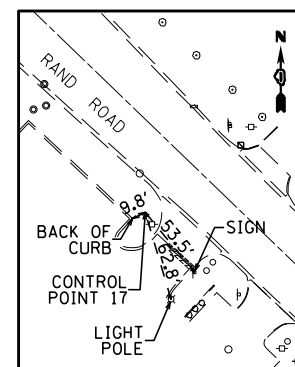
**CONTROL POINT 12**  
IR SET IN FRONT OF PUBLIC STORAGE  
STA. 91+53.71, 49.41' RT  
N 1,993,408.242  
E 1,071,596.831  
ELEV. 731.57



**CONTROL POINT 13**  
IR SET 1.75 SOUTH OF E/P  
STA. 103+75.63, 44.22' RT  
N 1,993,415.665  
E 1,072,918.763  
ELEV. 737.20



**CONTROL POINT 15**  
IR SET IN FRONT OF  
GATER WING SHACK 1719 RAND RD  
STA. 54+62.43, 35.66' LT  
N 1,994,024.353  
E 1,068,280.938  
ELEV. 735.39



**CONTROL POINT 17**  
CUT CROSS IN FRONT  
OF FIFTH THIRD BANK  
STA. 69+32.66, 46.59' RT  
N 1,992,908.983  
E 1,069,237.638  
ELEV. 731.05

**NOTE:**



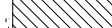
- CONTROL POINT 2 AND CONTROL POINT 8 ARE NO LONGER AVAILABLE.

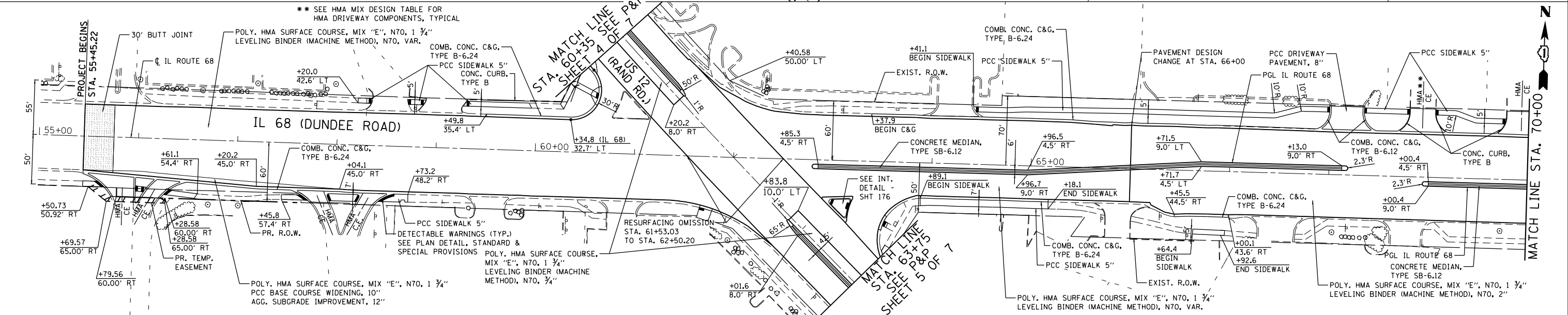
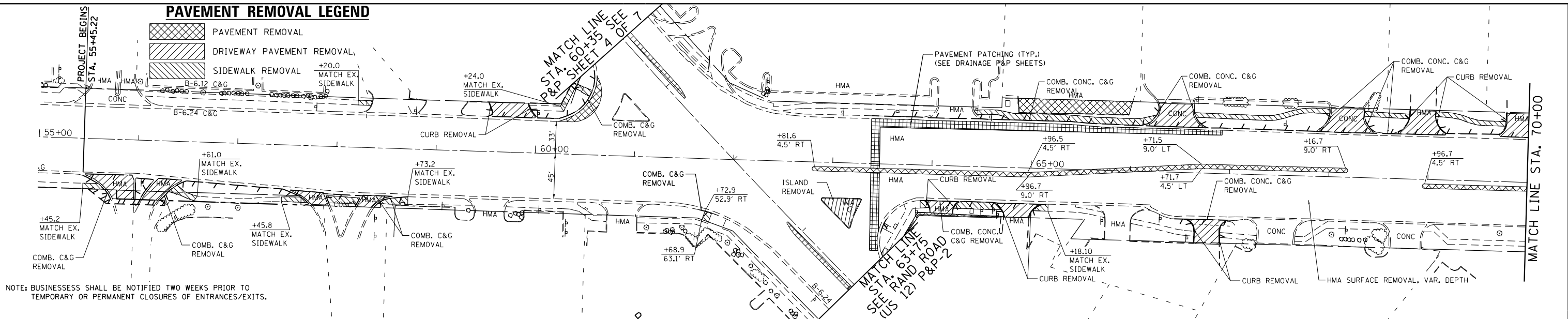
FILE NAME = D162A26-sht-ATB-04	USER NAME = mgarvida	DESIGNED - V.O.	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53 / IL 68 ALIGNMENT, TIES, BENCHMARKS, AND CONTROL POINTS</b>	F.A.P. RTE. 343	SECTION 3041-N-2	COUNTY COOK	TOTAL SHEETS 226	SHEET NO. 34		
*MODELNAME*	PLOT SCALE = 200.000000:1.000000	CHECKED - V.P.	REVISED -			SCALE: NTS	SHEET 4 OF 4 SHEETS	STA. TO STA.	CONTRACT NO. 62A26			
	PLOT DATE = 30-JUN-2017 13:40	DATE - 6/30/2017	REVISED -			ILLINOIS FED. AID PROJECT						
ATB-04												

PLAN	SURVEYED	DATE
	ALIGNED	
	NOTED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CPAD	
	NO.	

**PAVEMENT REMOVAL LEGEND**

-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  SIDEWALK REMOVAL



741.69	741.24	740.73	740.76	740.28	739.80	739.80	739.32	738.71	738.82	738.18	737.30	737.39	736.56	735.76	735.73	734.90	733.94	734.07	733.24	732.23	732.41	731.58	730.72	730.75	729.92	729.01	729.09	728.26	727.29	727.43	726.60	725.63	725.81	725.16	724.50	724.63	724.11	723.37	723.61	723.25	722.68	723.04	722.85	722.49	722.66
55+00	56+00	57+00	58+00	59+00	60+00	61+00	62+00	63+00	64+00	65+00	66+00	67+00	68+00	69+00	70+00																														

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 53 / IL 68 PLAN & PROFILE**

FILE NAME = D162A26-shr-planprf-01.dgn

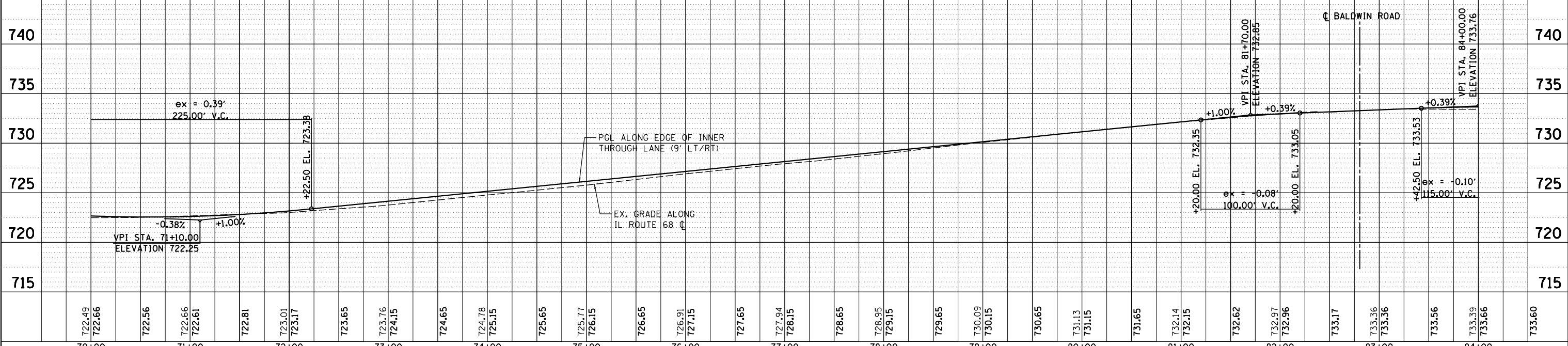
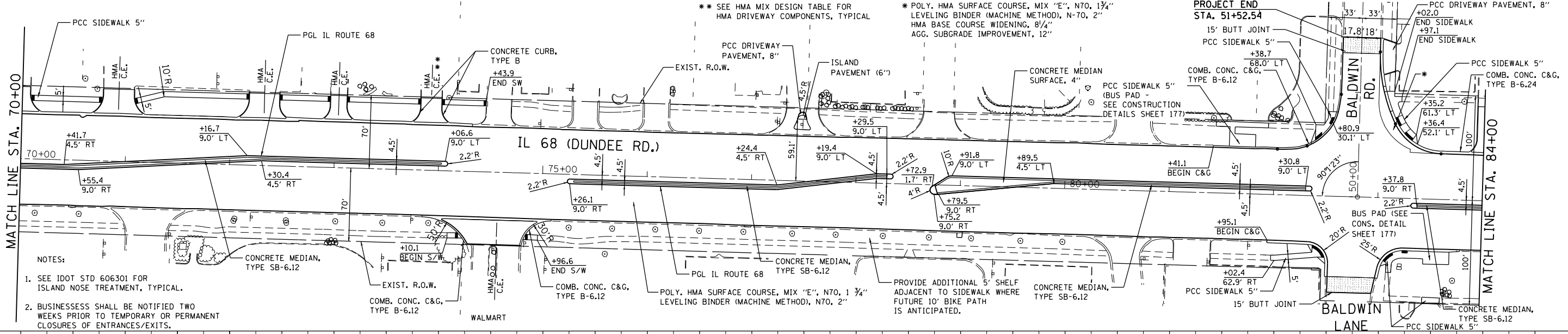
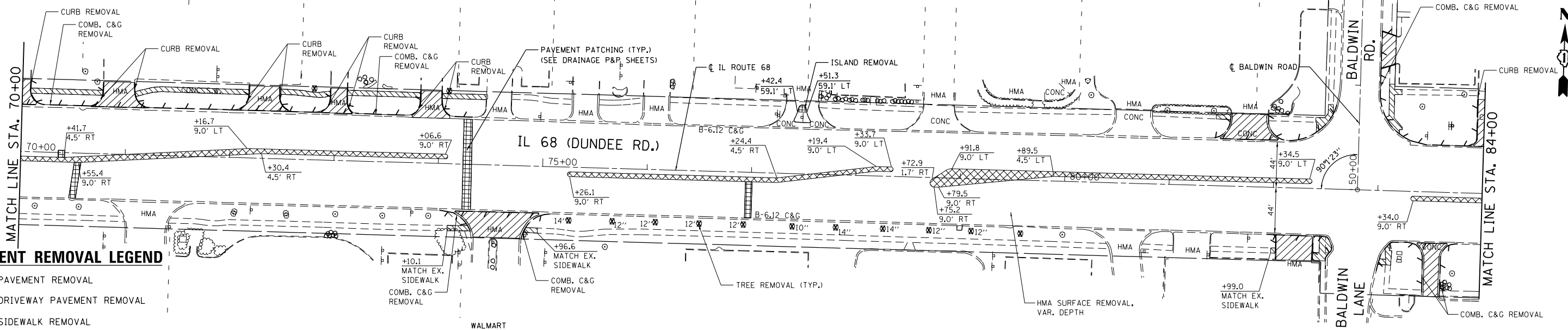
F.A.P. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	35
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 50' SHEET 1 OF 7 SHEETS STA. TO STA.



BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 PLAN \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 PROFILE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

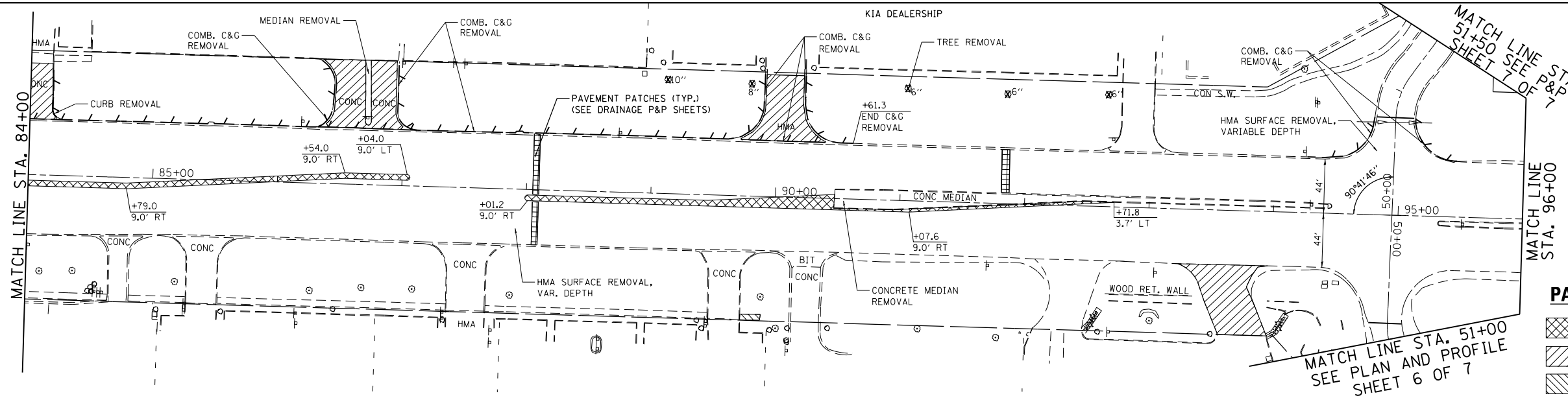
IL 53 / IL 68 PLAN & PROFILE

SCALE: 1/4" = 1' 1/2" / 1" = 30' / SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	36
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

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

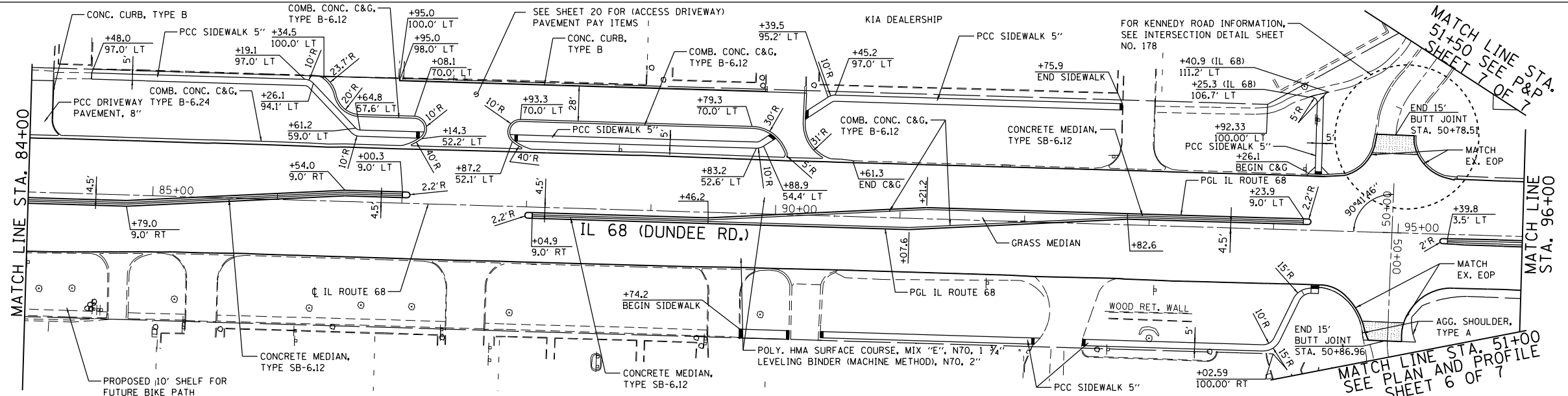
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	PLOTTED	BY
	GRADES CHECKED	
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	NO.	



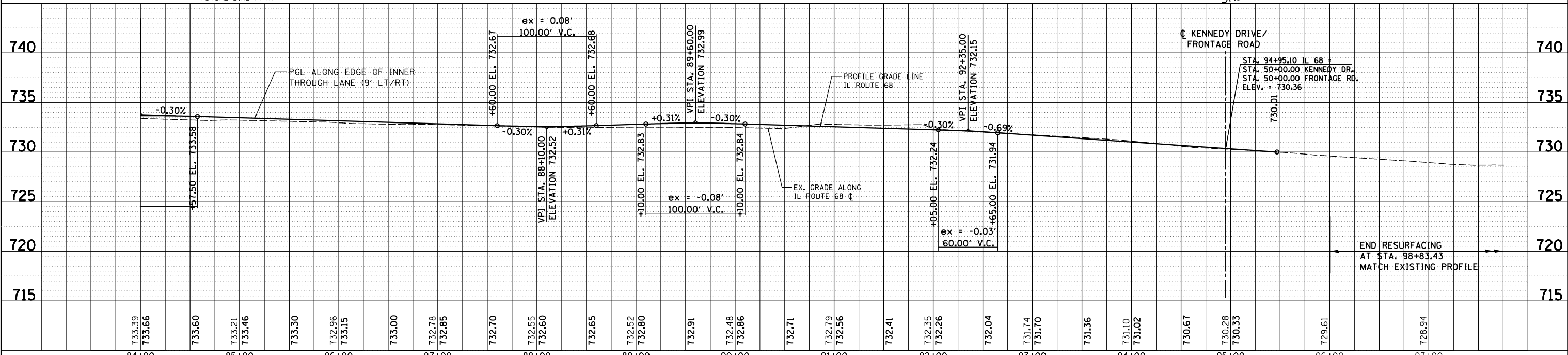
**PAVEMENT REMOVAL LEGEND**

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL

EXIST. CURVE E.KEN-1  
 PI STA. = 50+97.09  
 $\Delta = 34^\circ 24' 47''$  (RT)  
 $D = 95^\circ 29' 35''$   
 $R = 60.00'$   
 $T = 18.58'$   
 $L = 36.04'$   
 $E = 2.81'$   
 $e = N.C.$   
 P.C. STA. = 50+78.51  
 P.T. STA. = 51+14.54

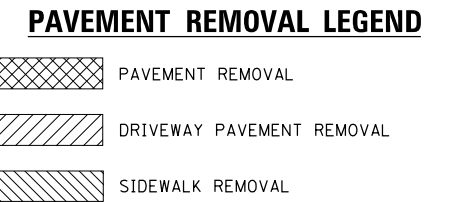
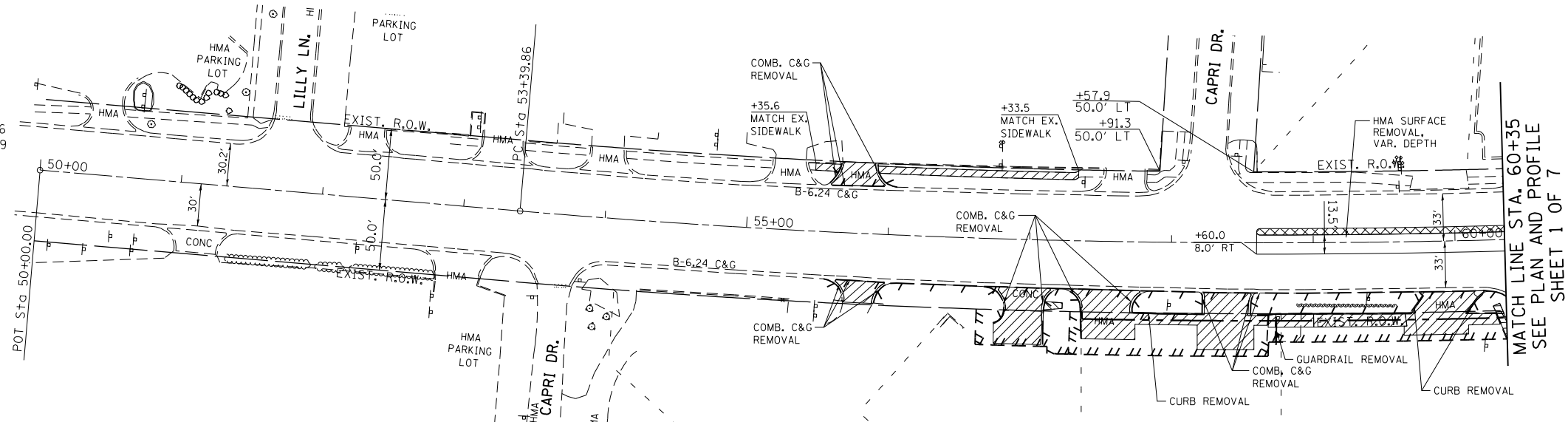


- NOTES:
- SEE IDOT STD 606301 FOR ISLAND NOSE TREATMENT, TYPICAL.
  - BUSINESSS SHALL BE NOTIFIED TWO WEEKS PRIOR TO TEMPORARY OR PERMANENT CLOSURES OF ENTRANCES/EXITS.

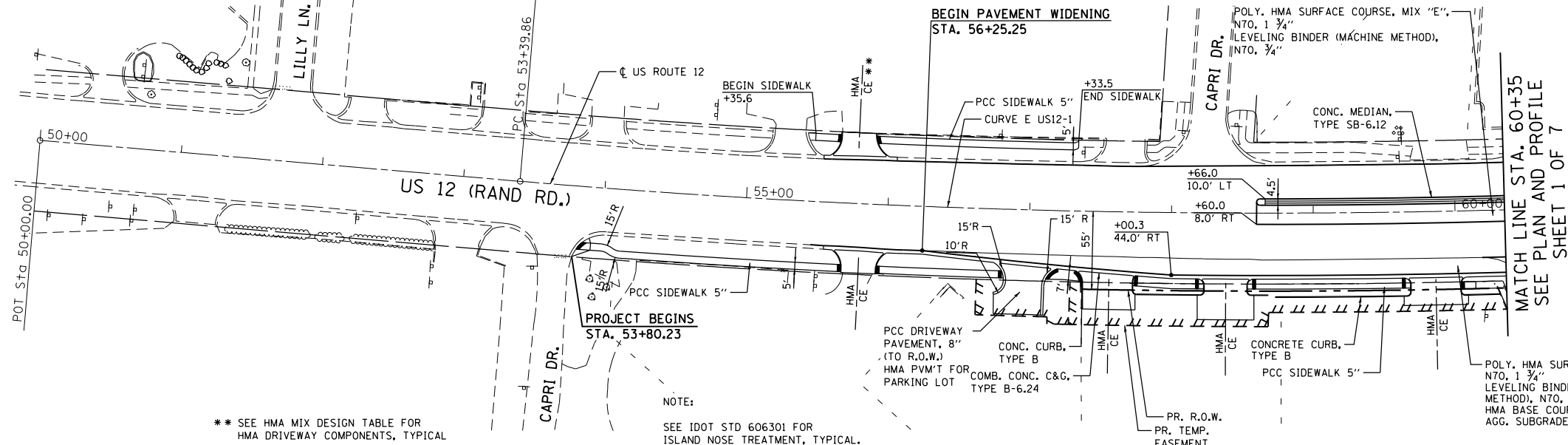


USER NAME = Guest.2	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53 / IL 68 PLAN &amp; PROFILE</b>		F.A.P. RTE. = 343	SECTION = 3041-N-2	COUNTY = COOK	TOTAL SHEETS = 226	SHEET NO. = 37		
PLOT SCALE = 100.0000' / in.	CHECKED - MHL	REVISED -		SCALE: 1/4" = 50'		SHEET 3 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 62A26			
PLOT DATE = 6/18/2019	DATE = 10/01/17	REVISED -		ILLINOIS FED. AID PROJECT								

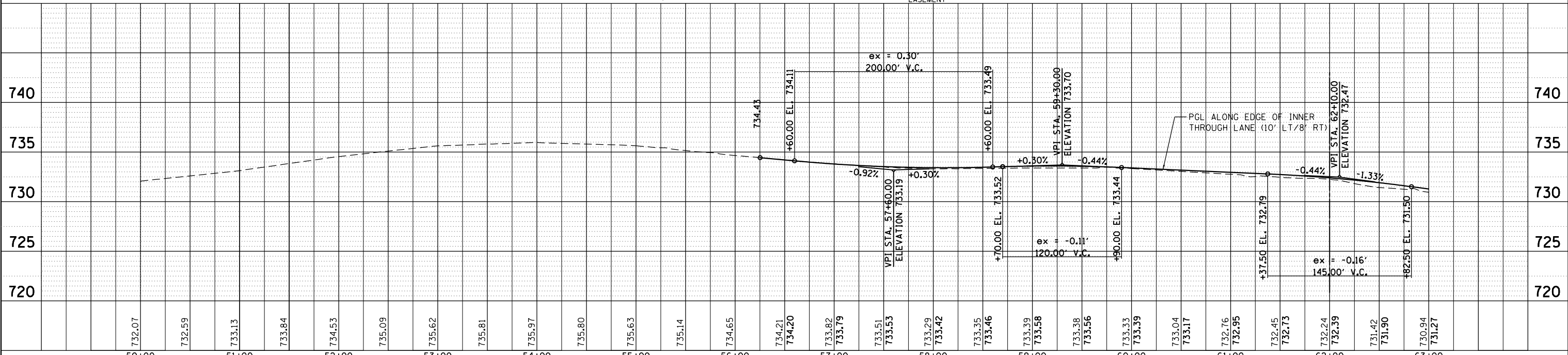
EXIST. CURVE E.US12-1  
 PI STA. = 58+23.35  
 $\Delta = 8^\circ 55' 05''$  (LT)  
 $D = 0^\circ 55' 27''$   
 $R = 6,200.00'$   
 $T = 483.49'$   
 $L = 965.03'$   
 $E = 18.82'$   
 $\theta = \text{N.C.}$   
 P.C. STA. = 53+39.86  
 P.T. STA. = 63+04.89



NOTE: BUSINESSSES SHALL BE NOTIFIED TWO WEEKS PRIOR TO TEMPORARY OR PERMANENT CLOSURES OF ENTRANCES/EXITS.



NOTE:  
 \*\* SEE HMA MIX DESIGN TABLE FOR HMA DRIVEWAY COMPONENTS, TYPICAL  
 SEE IDOT STD 606301 FOR ISLAND NOSE TREATMENT, TYPICAL.



PLAN


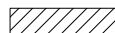
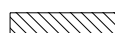
DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
DESIGNED	
FILE NAME	
NO.	

PROFILE

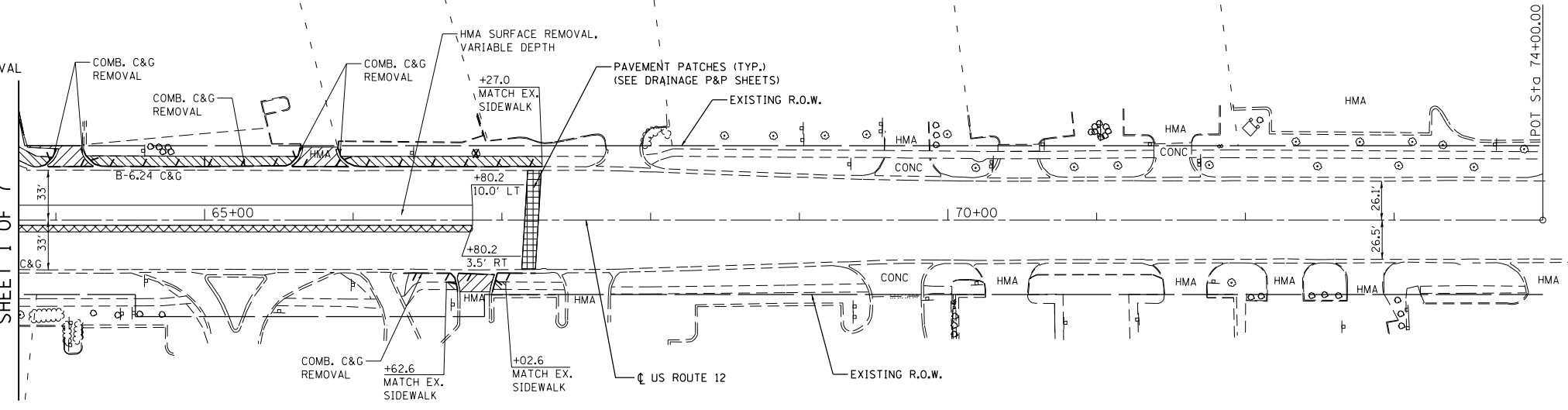
DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE	
NOTATIONS CHECKED	
NO.	

USER NAME = Guest.2	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RAND ROAD (US 12) PLAN &amp; PROFILE</b>		F.A.P. RT. = 343	SECTION = 3041-N-2	COUNTY = COOK	TOTAL SHEETS = 226	SHEET NO. = 38	
PLOT SCALE = 100.0000' / in.	CHECKED - MHL	REVISED -		SCALE: H: 1" = 50'	SHEET 4 OF 7 SHEETS	STA. TO STA.	CONTRACT NO. 62A26				
PLOT DATE = 5/29/2019	DATE - 10/01/17	REVISED -		ILLINOIS FED. AID PROJECT							

**PAVEMENT REMOVAL LEGEND**

-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  SIDEWALK REMOVAL

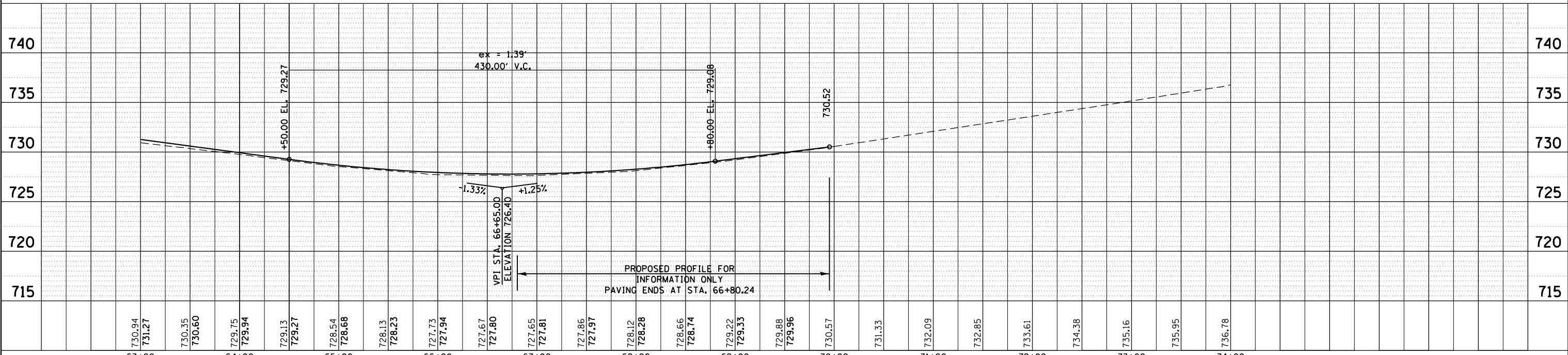
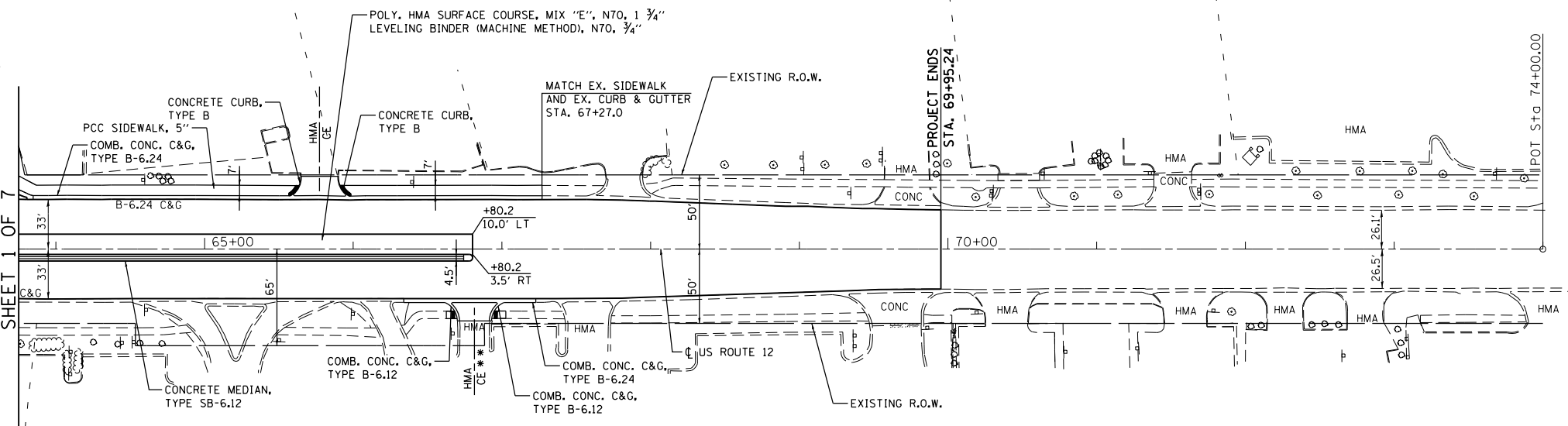
MATCH LINE STA. 63+75  
SEE PLAN AND PROFILE  
SHEET 1 OF 7



- NOTES:
- SEE IDOT STD 606301 FOR ISLAND NOSE TREATMENT, TYPICAL.
  - BUSINESSS SHALL BE NOTIFIED TWO WEEKS PRIOR TO TEMPORARY OR PERMANENT CLOSURES OF ENTRANCES/EXITS.

\*\* SEE HMA MIX DESIGN TABLE FOR HMA DRIVEWAY COMPONENTS, TYPICAL

MATCH LINE STA. 63+75  
SEE PLAN AND PROFILE  
SHEET 1 OF 7



PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	

USER NAME = Guest.2	DESIGNED - RDT	REVISED -
DESIGNED - RDT	REVISOR -	REVISED -
PLLOT SCALE = 100.0000' / in.	CHECKED - MHL	REVISED -
PLLOT DATE = 5/29/2019	DATE - 10/01/17	REVISED -



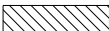
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RAND ROAD (US 12) PLAN & PROFILE**

SCALE: 1/4" = 10' SHEET 5 OF 7 SHEETS STA. TO STA.

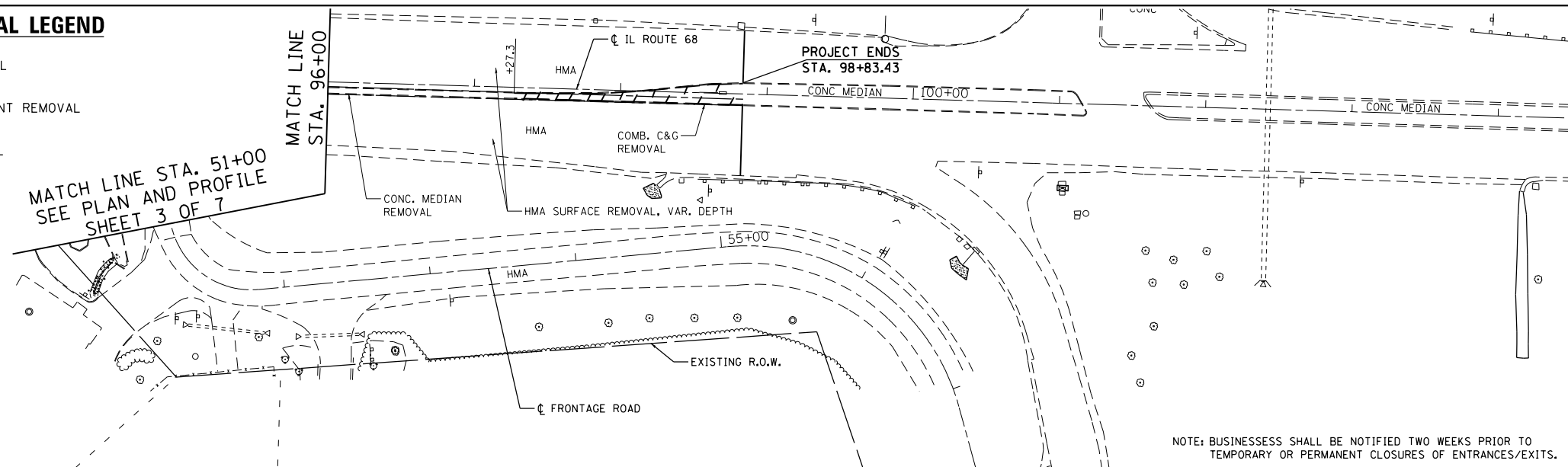
F.A.P. RTE. 343	SECTION 3041-N-2	COUNTY COOK	TOTAL SHEETS 226	SHEET NO. 39
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

**PAVEMENT REMOVAL LEGEND**

-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  SIDEWALK REMOVAL

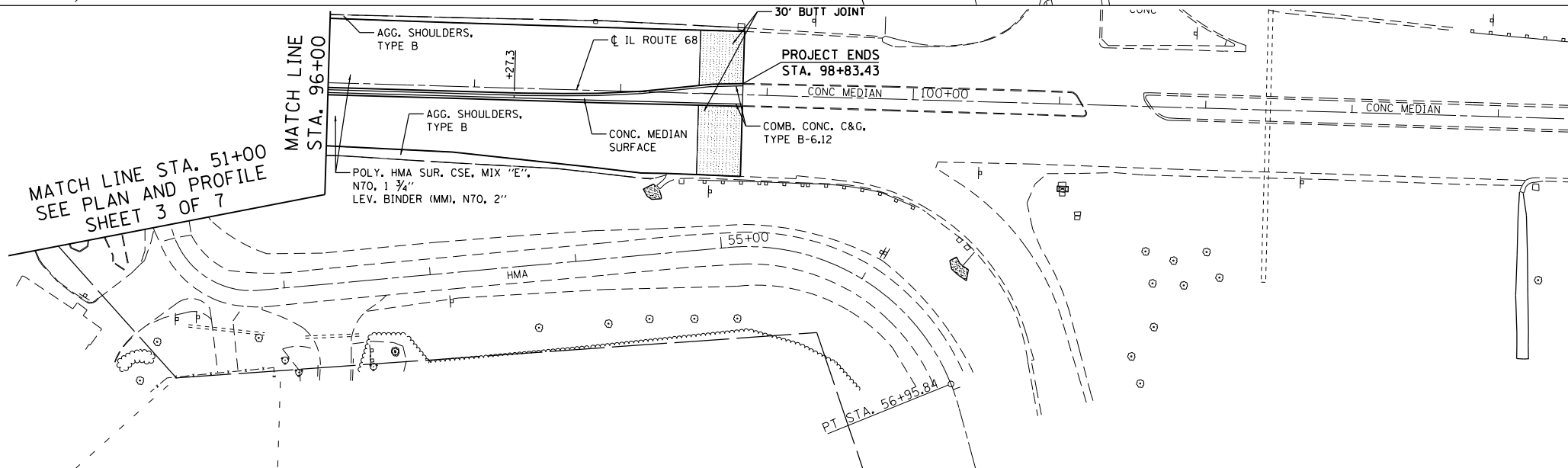
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		

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

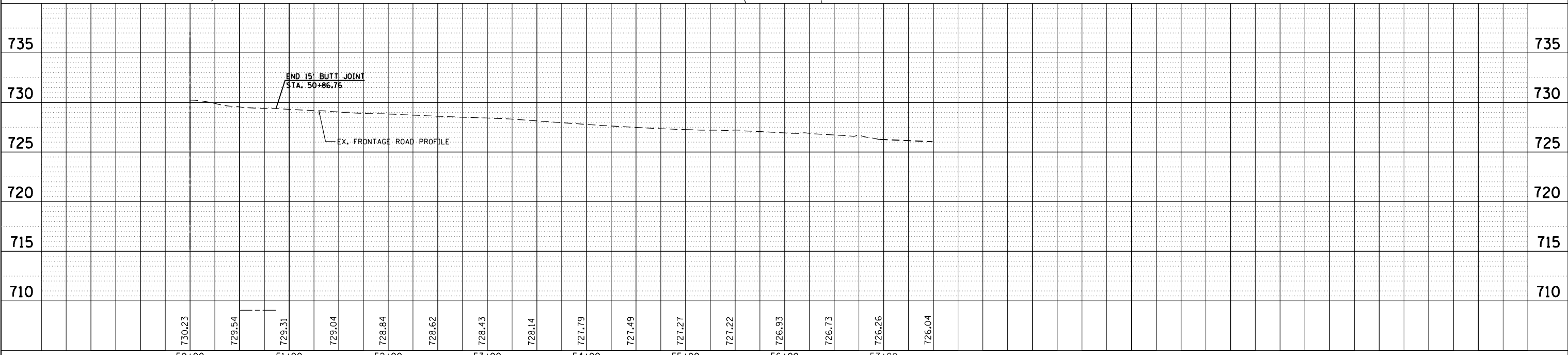


EXIST. CURVE E_FRONT-1	EXIST. CURVE E_FRONT-2
PI STA. = 51+50.96	PI STA. = 56+15.57
Δ = 97° 37' 22" (LT)	Δ = 73° 15' 25" (RT)
D = 102° 18' 50"	D = 38° 11' 50"
R = 56.00'	R = 150.00'
T = 63.99'	T = 111.52'
L = 95.42'	L = 191.79'
E = 29.04'	E = 36.91'
e = N.C.	e = 5.8%
P.C. STA. = 50+86.96	T.R. = 41'
P.T. STA. = 51+82.38	S.E. RUN = 118'
	P.C. STA. = 55+04.05
	P.T. STA. = 56+95.84

NOTE: BUSINESS SHALL BE NOTIFIED TWO WEEKS PRIOR TO TEMPORARY OR PERMANENT CLOSURES OF ENTRANCES/EXITS.



\*\* SEE HMA MIX DESIGN TABLE FOR HMA DRIVEWAY COMPONENTS, TYPICAL



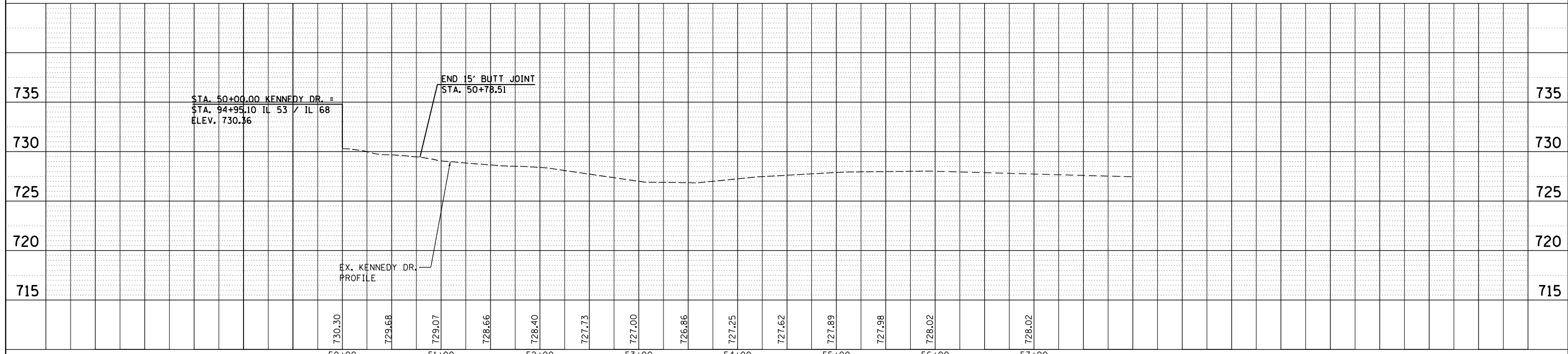
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PLOT SCALE = 100.0000' / in.	CHECKED - MHL	REVISED -		SCALE: 1/4" = 50'				SHEET 6 OF 7 SHEETS		CONTRACT NO. 62A26		
PLOT DATE = 5/29/2019	DATE - 10/01/17	REVISED -		STA. TO STA.				ILLINOIS FED. AID PROJECT				

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

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

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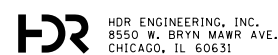
<b>T&amp;IE</b>	USER NAME = Guest_2	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>KENNEDY DRIVE PLAN &amp; PROFILE</b>		F.A.P. RTE. 343	SECTION 3041-N-2	COUNTY COOK	TOTAL SHEETS 226	SHEET NO. 41	
	PLOT SCALE = 100.0000' / in.	CHECKED - MHL	REVISED -		SCALE: H: 1" = 50'	SHEET 7 OF 7 SHEETS	STA. _____	TO STA. _____	CONTRACT NO. 62A26			
PLOT DATE = 2/13/2019	DATE - 10/01/17	REVISED -			ILLINOIS FED. AID PROJECT							

MAINTENANCE OF TRAFFIC NOTES

1. THE SUGGESTED MAINTENANCE OF TRAFFIC CONTROL DEPICTED HERE IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE CURRENT VERSION OF THE IDOT HIGHWAY STANDARDS, THE CURRENT VERSION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE COST OF THE LUMP SUM PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)" UNLESS OTHERWISE INDICATED IN THE PLAN OR SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL MAINTAIN EXISTING ACCESS TO ALL PROPERTIES AT ALL TIMES DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE PLANS. THIS WORK SHALL BE PAID FOR AS TEMPORARY ACCESS (COMMERCIAL ENTRANCE).
3. THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPOSED AND TEMPORARY DRAINAGE SYSTEMS INCLUDING TEMPORARY DITCHES, AND EROSION CONTROL THROUGHOUT STAGE CONSTRUCTION SUCH THAT DRAINAGE FLOWS ARE MAINTAINED AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, UTILIZE PUMPS TO ELIMINATE STANDING WATER. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. THE COST OF THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE LOCATED ON EACH APPROACH LEG TO IL 68 THROUGHOUT THE DURATION OF THE PROJECT. THE EXACT LOCATION AND MESSAGE SHALL BE APPROVED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR DAY FOR "CHANGEABLE MESSAGE SIGN".
5. THE CONTRACTOR SHALL MILL EXISTING PAVEMENT WITHIN THE RESURFACING AND RECONSTRUCTION LIMITS AS NEEDED TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED PAVEMENT TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR PAVEMENT REMOVAL, DRIVEWAY PAVEMENT, OR HOT-MIX ASPHALT SURFACE REMOVAL OF THE THICKNESS SPECIFIED
6. COORDINATION OF MAINTENANCE OF TRAFFIC: THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE FACT THAT OTHER SEPARATE CONTRACTS ARE, OR MAY BE, IN FORCE THAT INTERSECT THE LIMITS OF THIS PROJECT. THE CONTRACTOR SHALL COOPERATE WITH THE OTHER CONTRACTORS IN THE PHASING AND PERFORMANCE OF THIS WORK SO AS NOT TO DELAY, INTERRUPT, OR HINDER THE PROGRESS OR COMPLETION OF THE WORK BEING PERFORMED BY OTHER CONTRACTORS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR COMPLIANCE WITH THE ABOVE REQUIREMENTS, NOR FOR ANY DELAYS OR INCONVENIENCES RESULTING FROM THE ACTIVITIES OF OTHER CONTRACTORS. SHOULD A CONFLICT ARISE BETWEEN THE CONTRACTORS WITH RESPECT TO SEQUENCE OF CONSTRUCTION OR MAINTENANCE OF TRAFFIC REQUIREMENTS, SAID CONFLICTS SHALL BE RESOLVED BY, OR AT THE DIRECTION OF THE ENGINEER.
7. WHEN WEATHER CONDITIONS FALL OUTSIDE THE TEMPERATURE RESTRICTIONS STATED IN THE MANUFACTURERS SPECIFICATIONS FOR INSTALLING THE PAVEMENT MARKING TAPE, THE CONTRACTOR (WITH APPROVAL FROM THE ENGINEER) SHALL USE AN ALTERNATE MATERIAL FOR TEMPORARY PAVEMENT MARKINGS AT NO ADDITIONAL COST TO THE CONTRACT. THE SUBSTITUTE PAVEMENT MARKING INSTALLATION AND REMOVAL SHALL BE PAID FOR AS PAVEMENT MARKING TAPE, TYPE IV OF THE WIDTH SPECIFIED AND TEMPORARY PAVEMENT MARKING REMOVAL RESPECTIVELY. NO ADDITIONAL COMPENSATION WILL BE PROVIDED TO THE CONTRACTOR.
8. RELOCATION OF TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS SHALL BE PAID FOR ONLY WHEN THE TEMPORARY CONCRETE BARRIER OR TEMPORARY IMPACT ATTENUATOR IS RELOCATED TO A LOCATION USED AS A TRAFFIC CONTROL DEVICE. RELOCATION OF TEMPORARY CONCRETE BARRIER OR TEMPORARY IMPACT ATTENUATORS TO ANY ONSITE OR OFFSITE STORAGE AREA SHALL NOT BE PAID FOR BUT WILL BE INCLUDED IN UNIT PRICE FOR THE ITEM AS ORIGINALLY PLACED. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED.
9. REMOVAL OF TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS SHALL BE INCLUDED IN THE COST OF THE APPLICABLE FURNISH PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE FOR REMOVAL OF TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS FROM THE PROJECT SITE.
10. A MINIMUM ONE-FOOT SHY DISTANCE BETWEEN BARRICADES OR TEMPORARY CONCRETE BARRIER AND THE TEMPORARY PAVEMENT MARKING SHALL BE PROVIDED THROUGHOUT.
11. TEMPORARY CONCRETE BARRIER SHALL BE PINNED AT ALL LOCATIONS WHERE A MINIMUM OF 3'-6" CANNOT BE PROVIDED FROM THE FACE OF THE BARRIER WALL TO ANY ADJACENT DROP-OFFS OR WORK ZONES. THE COST FOR PINNING SHALL BE PAID AT THE UNIT PRICE FOR PINNING TEMPORARY CONCRETE BARRIER (X7040125).
12. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET. THE ENGINEER SHALL BE THE SOLE JUDGE IN DETERMINING WHETHER TRAFFIC CONTROL REQUIREMENTS ARE MET.
13. RESURFACING OPERATIONS SHALL BE PERFORMED IN LIFTS AND SEQUENCED TO MINIMIZE ANY VERTICAL DROP-OFFS WITHIN THE TRAVEL LANES. WHEN A DROP-OFF IS LOCATED WITHIN A TRAVEL LANE OR BETWEEN TWO TRAVEL LANES A W8-11 (UNEVEN LANES SIGN) SHALL BE SET UP TO ALERT MOTORISTS.
14. "CAUTION NEW LANES OPEN STOP HERE" SIGNS SHALL BE INSTALLED AT THE LOCATIONS SHOWN IN THE MOT PLAN FOR A PERIOD OF TWO WEEKS UPON INITIALIZING THE STAGE.

MAINTENANCE OF TRAFFIC - PATCHING AND ROADWAY SEWER AND UTILITY CONSTRUCTION NOTES

1. PROTECTION UTILIZING TEMPORARY CONCRETE BARRIER FOR PROTECTING OPEN EXCAVATIONS AND TRENCHES NECESSARY FOR PROPOSED STORM SEWER CONSTRUCTION WITHIN THE ROADWAY LIMITS SHALL BE PERFORMED AS SHOWN IN THE SEWER TRENCH PROTECTION DETAIL AND AS APPROVED BY THE ENGINEER. QUANTITY FOR TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS HAS BEEN PROVIDED BASED ON THE LENGTHS SHOWN IN THIS DETAIL. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO CONSTRUCTION FOR THE NUMBER SUB-STAGES TO BE USED FOR THE SEWER LATERAL CONSTRUCTION.
2. TRAFFIC CONTROL FOR PAVEMENT PATCHES, PROPOSED STORM SEWER LATERALS, AND OTHER UTILITY WORK IN THE ROADWAY SHALL BE PERFORMED IN ACCORDANCE WITH STANDARDS 701601, 701602, AND 701611.
3. SINGLE LANE CLOSURES WITH A MAXIMUM CONTINUOUS DURATION OF 72 HOURS ARE ALLOWED FOR SEWER CONSTRUCTION IN THE ROADWAY ONLY. 72 HOUR LANE CLOSURES SHALL BE COORDINATED WITH THE ENGINEER AND PERFORMED IN A MANNER THAT PROVIDES THE LEAST IMPACT POSSIBLE TO MOTORISTS. THE CONTRACTOR MAY BE REQUIRED TO WORK EXTENDED HOURS TO MEET THIS REQUIREMENT. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR EXTENDED HOURS WORKED.
4. SINGLE LANE CLOSURES PERFORMED ON TWO LANE ROADS WHICH REDUCE TRAFFIC TO A SINGLE LANE WITH ALERTING TRAFFIC WILL REQUIRE FLAGGERS THROUGHOUT THE DURATION OF THE LANE CLOSURE. THE COST FOR THIS SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).



HDR ENGINEERING, INC.  
8550 W. BRYN MAWR AVE.  
CHICAGO, IL 60631

USER NAME = ROGERS	DESIGNED - JK	REVISED -
FILE NAME = MOT NOTES	DRAWN - RR	REVISED -
PLOT SCALE = 24.0000' / in.	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES  
STAGING AND TRAFFIC CONTROL

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	42
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC SEQUENCING NOTES

PRE-STAGE

CONSTRUCTION:

TRAFFIC CONTROL SETUP, TEMPORARY SIGNALS SETUP, HMA SURFACE REMOVAL (ALL LANES), CURB AND GUTTER REMOVAL, AND PATCHING

TRAFFIC CONTROL:

UTILIZE D1 STANDARD TC-10 TO PROVIDE ADVANCE WARNING SIGNS AT CROSS STREETS.

ALL WORK REQUIRING A LANE CLOSURE SHALL BE PERFORMED DURING OFF-PEAK DAY TIME OPERATIONS AS SPECIFIED IN THE KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC SPECIAL PROVISION AND ALL OTHER APPLICABLE SPECIFICATIONS.

UTILIZE STANDARD 701601, 701602, 701701, AND TC-14 FOR URBAN LANE CLOSURES TO MAINTAIN ONE LANE IN EACH DIRECTION AND LEFT/RIGHT TURN LANES ON IL ROUTE 68 AND RAND ROAD.

UTILIZE STANDARD 701501 DURING NON-PEAK DAY TIME HOURS FOR URBAN LANE CLOSURES TO MAINTAIN ONE-LANE TWO-WAY TRAFFIC ON BALDWIN ROAD.

MAINTAIN ALL LANES OPEN TO TRAFFIC EXCEPT FOR OFF-PEAK DAY TIME SINGLE LANE CLOSURES REQUIRED TO COMPLETE CONSTRUCTION ACTIVITIES AND AS APPROVED BY THE ENGINEER.

STAGE 1

CONSTRUCTION:

PAVEMENT WIDENING, CURB AND GUTTER, SIDEWALK, DRIVEWAY RECONSTRUCTION, DRAINAGE SYSTEM, GRADING, AND TRAFFIC SIGNALS

TRAFFIC CONTROL:

ALL WORK REQUIRING A LANE CLOSURE SHALL BE PERFORMED DURING OFF-PEAK DAY TIME OPERATIONS AS SPECIFIED IN THE KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC SPECIAL PROVISION AND ALL OTHER APPLICABLE SPECIFICATIONS. LANE CLOSURES FOR SEWER LATERAL CONSTRUCTION IN THE ROADWAY TO BE PERFORM WITHIN THE 72 HOUR CLOSURE DURATION DESCRIBED IN THE MOT NOTES AND SEWER TRENCH PROTECTION STAGING AND TRAFFIC CONTROL DETAIL.

UTILIZE STANDARDS 701001, 701006, 701101, 701106, AND 701701 FOR OFF-ROAD OPERATIONS TO PROVIDE PROTECTION FOR ROADSIDE CONSTRUCTION WHILE MAINTAINING TRAFFIC IN THE EXISTING LANE CONFIGURATION.

UTILIZE STANDARD 701601, 701602, 701701, AND TC-14 FOR URBAN LANE CLOSURES TO MAINTAIN ONE LANE IN EACH DIRECTION AND LEFT/RIGHT TURN LANES ON IL ROUTE 68 AND RAND ROAD.

UTILIZE STANDARD 701501 DURING NON-PEAK DAY TIME HOURS FOR URBAN LANE CLOSURES TO MAINTAIN ONE-LANE TWO-WAY TRAFFIC ON BALDWIN ROAD.

UTILIZE STANDARD 701801 FOR SIDEWALK AND CROSSWALK CLOSURES AND PEDESTRIAN TRAFFIC DIVERSIONS AS APPROVED BY THE ENGINEER.

UTILIZE ENTRANCE CONSTRUCTION STAGING DETAIL TO STAGE DRIVEWAY ENTRANCE CONSTRUCTION.

MAINTAIN ALL LANES OPEN TO TRAFFIC EXCEPT FOR OFF-PEAK DAY TIME SINGLE LANE CLOSURES REQUIRED TO COMPLETE CONSTRUCTION ACTIVITIES AND AS APPROVED BY THE ENGINEER.

STAGE 1A (RAND ROAD AND IL ROUTE 68 INTERSECTION AND IL ROUTE 68 DRIVEWAY - STA 87+00 LT)

CONSTRUCTION:

CURB AND GUTTER REMOVAL, PAVEMENT REMOVAL, DRIVEWAY RECONSTRUCTION, SIDEWALK, CURB AND GUTTER, RAISED PEDESTRIAN REFUGE ISLAND RECONSTRUCTION, AND GRADING

TRAFFIC CONTROL:

ALL WORK REQUIRING A LANE CLOSURE SHALL BE PERFORMED DURING OFF-PEAK DAY TIME OPERATIONS AS SPECIFIED IN THE KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC SPECIAL PROVISION AND ALL OTHER APPLICABLE SPECIFICATIONS.

MAINTAIN TRAVEL LANES IN THE STAGE 1 CONFIGURATION EXCEPT AS SHOWN IN THE MOT PLAN.

UTILIZE STANDARDS 701001, 701006, 701101, 701106, AND 701701 FOR OFF-ROAD OPERATIONS TO PROVIDE PROTECTION FOR ROADSIDE CONSTRUCTION WHILE MAINTAINING TRAFFIC IN THE STAGE 1 LANE CONFIGURATION.

UTILIZE STANDARD 701701 FOR URBAN LANE CLOSURES AT THE IL ROUTE 68 / RAND ROAD INTERSECTION.

UTILIZE STANDARD 701801 FOR SIDEWALK AND CROSSWALK CLOSURES AND PEDESTRIAN TRAFFIC DIVERSIONS AS APPROVED BY THE ENGINEER.

STAGE 1B (IL ROUTE 68 DRIVEWAY - STA 87+00 LT)

CONSTRUCTION:

CURB AND GUTTER, DRIVEWAY RECONSTRUCTION, AND GRADING

TRAFFIC CONTROL:

ALL WORK REQUIRING A LANE CLOSURE SHALL BE PERFORMED DURING OFF-PEAK DAY TIME OPERATIONS AS SPECIFIED IN THE KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC SPECIAL PROVISION AND ALL OTHER APPLICABLE SPECIFICATIONS.

MAINTAIN TRAVEL LANES IN THE STAGE 1 CONFIGURATION EXCEPT AS SHOWN IN THE MOT PLAN.

UTILIZE STANDARDS 701001, 701006, 701101, AND 701106 FOR OFF-ROAD OPERATIONS TO PROVIDE PROTECTION FOR ROADSIDE CONSTRUCTION WHILE MAINTAINING TRAFFIC IN THE STAGE 1 LANE CONFIGURATION.

UTILIZE STANDARD 701602 FOR URBAN LANE CLOSURE TO MAINTAIN ONE LANE IN THE WESTBOUND DIRECTION ON IL ROUTE 68.

UTILIZE STANDARD 701801 FOR SIDEWALK AND CROSSWALK CLOSURES AND PEDESTRIAN TRAFFIC DIVERSIONS AS APPROVED BY THE ENGINEER.

STAGE 2

CONSTRUCTION:

LEVELING BINDER COURSE (ALL LANES), PAVEMENT REMOVAL, RAISED MEDIANS, TRAFFIC SIGNALS, AND REMOVAL OF TEMPORARY SIGNALS

TRAFFIC CONTROL:

ALL WORK REQUIRING A LANE CLOSURE SHALL BE PERFORMED DURING OFF-PEAK DAY TIME OPERATIONS AS SPECIFIED IN THE KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC SPECIAL PROVISION AND ALL OTHER APPLICABLE SPECIFICATIONS. MAINTAIN A MINIMUM OF ONE LANE OF TRAFFIC ON THE OUTSIDE LANE WHILE CONSTRUCTING NEW RAISED MEDIAN. UTILIZE STANDARD 701601 AND 701602 FOR URBAN LANE CLOSURES.

MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION FOR ROADWAY REHABILITATION DURING NON-PEAK DAY TIME HOURS. UTILIZE STANDARD 701601, 701602, 701701, AND TC-14 FOR URBAN LANE CLOSURES.

MAINTAIN ALL LANES OPEN TO TRAFFIC EXCEPT FOR OFF-PEAK DAY TIME SINGLE LANE CLOSURES REQUIRED TO COMPLETE CONSTRUCTION ACTIVITIES AND AS APPROVED BY THE ENGINEER.

STAGE 3

CONSTRUCTION:

HMA SURFACE COURSE (ALL LANES), PAVEMENT MARKINGS, SIGNING, LANDSCAPING, AND PERMANENT EROSION CONTROL

TRAFFIC CONTROL:

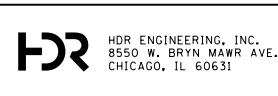
ALL WORK REQUIRING A LANE CLOSURE SHALL BE PERFORMED DURING OFF-PEAK DAY TIME OPERATIONS AS SPECIFIED IN THE KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC SPECIAL PROVISION AND ALL OTHER APPLICABLE SPECIFICATIONS.

UTILIZE STANDARD 701602, AND TC-14 FOR URBAN LANE CLOSURES AND MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION.

UTILIZE STANDARD 701701 FOR URBAN LANE CLOSURES AT IL ROUTE 68 / RAND ROAD AND IL ROUTE 68 / BALDWIN ROAD INTERSECTIONS.

PROVIDE SEEDING, SODDING, AND LANDSCAPING / PERMANENT EROSION CONTROL ITEMS. UTILIZE STANDARDS 701001, 701006, 701101, 701106, AND 701701 WHEN STAGED WORK INVOLVES ONLY THE OFF ROAD CONSTRUCTION WITHOUT AN ENCROACHMENT ONTO THE TRAVELED WAY.

MAINTAIN ALL LANES OPEN TO TRAFFIC EXCEPT FOR OFF-PEAK DAY TIME SINGLE LANE CLOSURES REQUIRED TO COMPLETE CONSTRUCTION ACTIVITIES AND AS APPROVED BY THE ENGINEER.



USER NAME = ROGERS	DESIGNED - JK	REVISED -
FILE NAME = MOT SEQUENCING	DRAWN - RR	REVISED -
PLOT SCALE = 24.0000' / in.	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

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DEPARTMENT OF TRANSPORTATION

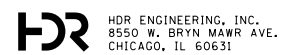
SEQUENCING  
STAGING AND TRAFFIC CONTROL

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	43
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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USER NAME = ROGERS	DESIGNED - JK	REVISED -
FILE NAME = MOT SEQUENCING	DRAWN - RR	REVISED -
PLOT SCALE = 24.0000' / in.	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

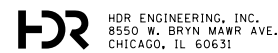
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SEQUENCING  
STAGING AND TRAFFIC CONTROL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	44
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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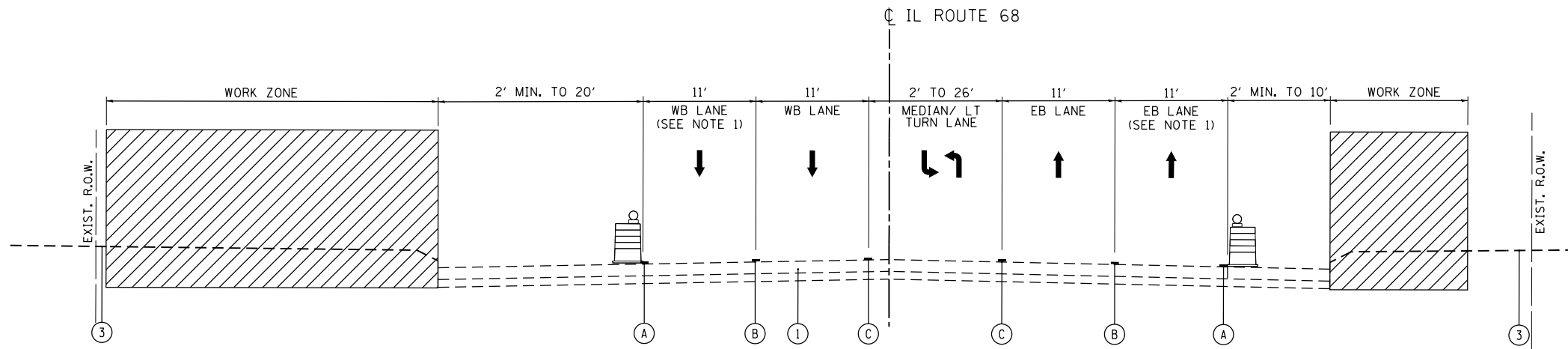
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STATE OF ILLINOIS  
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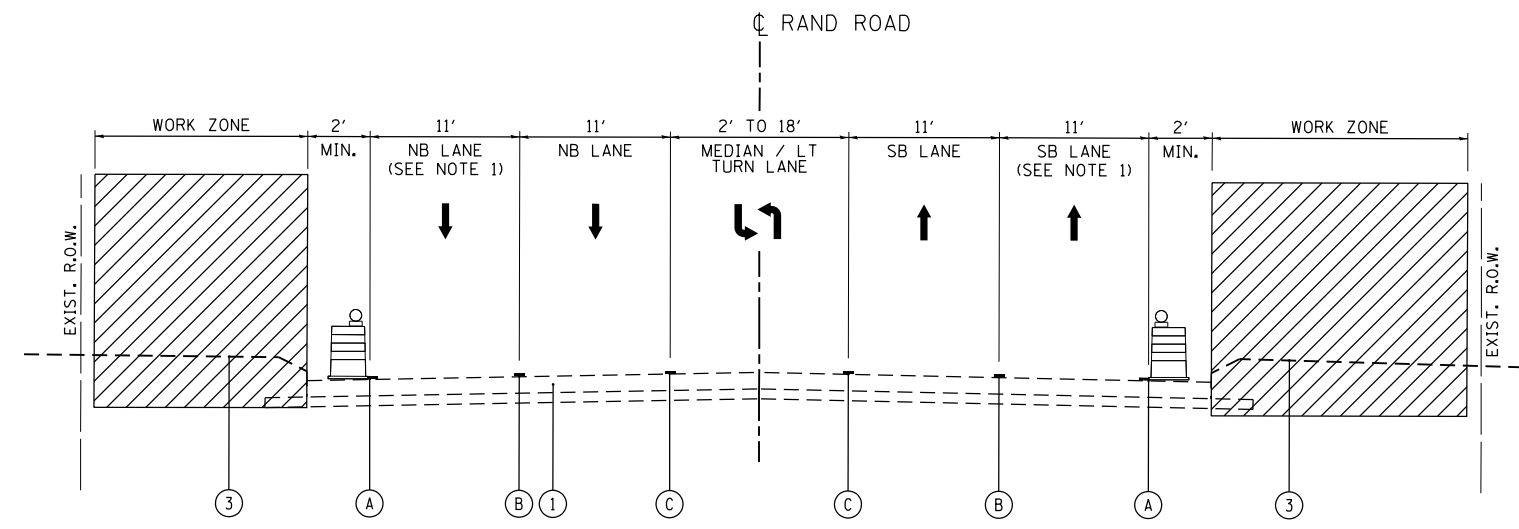
PRESTAGE  
STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	45
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**IL ROUTE 68**  
 STAGE 1  
 STA. 54+70 TO STA. 100+78  
 (LOOKING UP STATION)

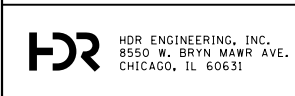


**RAND ROAD**  
 STAGE 1  
 STA. 54+91 TO STA. 67+93  
 (LOOKING UP STATION)

**LEGEND**

- ① EXISTING PAVEMENT
- ② TEMPORARY EARTHWORK
- ③ EXISTING GROUND
- ④ PROPOSED PAVEMENT
- Ⓐ PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)
- Ⓑ PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 70300904)
- Ⓒ PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)
- Ⓓ PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300906)
- Ⓔ EXISTING PAVEMENT MARKING
- Ⓕ PROPOSED PAVEMENT MARKING
- WORK ZONE
- TEMPORARY PAVEMENT, 8" (Z0062456) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- DIRECTION OF TRAFFIC
- VERTICAL PANEL (BACK TO BACK) WITH BI-DIRECTIONAL STEADY BURN LIGHT ON TWLTL SECTIONS AND MONO-DIRECTIONAL FLASHING LIGHT ON MULTI-LANE SECTIONS (AT 50' C-C)
- DRUM OR TYPE 2 BARRICADE WITH FLASHING MONO-DIRECTIONAL LIGHT

- NOTE**
1. SINGLE LANE CLOSURES ALLOWED DURING OFF-PEAK DAY TIME HOURS. SEE MOT NOTES, SEQUENCING, AND SPECIFICATIONS FOR REQUIREMENTS.
  2. SEE MOT NOTES, SEQUENCING, AND SPECIFICATIONS FOR TRAFFIC CONTROL REQUIREMENTS FOR LEVELING BINDER AND HMA SURFACE COURSE CONSTRUCTION.
  3. WORK ZONES ON TWO LANE TWO WAY ROADS CAN ONLY BE SET UP ON ONE SIDE OF THE ROADWAY AT A TIME.



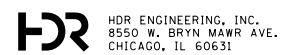
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PLOT SCALE = 1/4" = 1'-0"	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

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<b>STAGE 1 STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	46
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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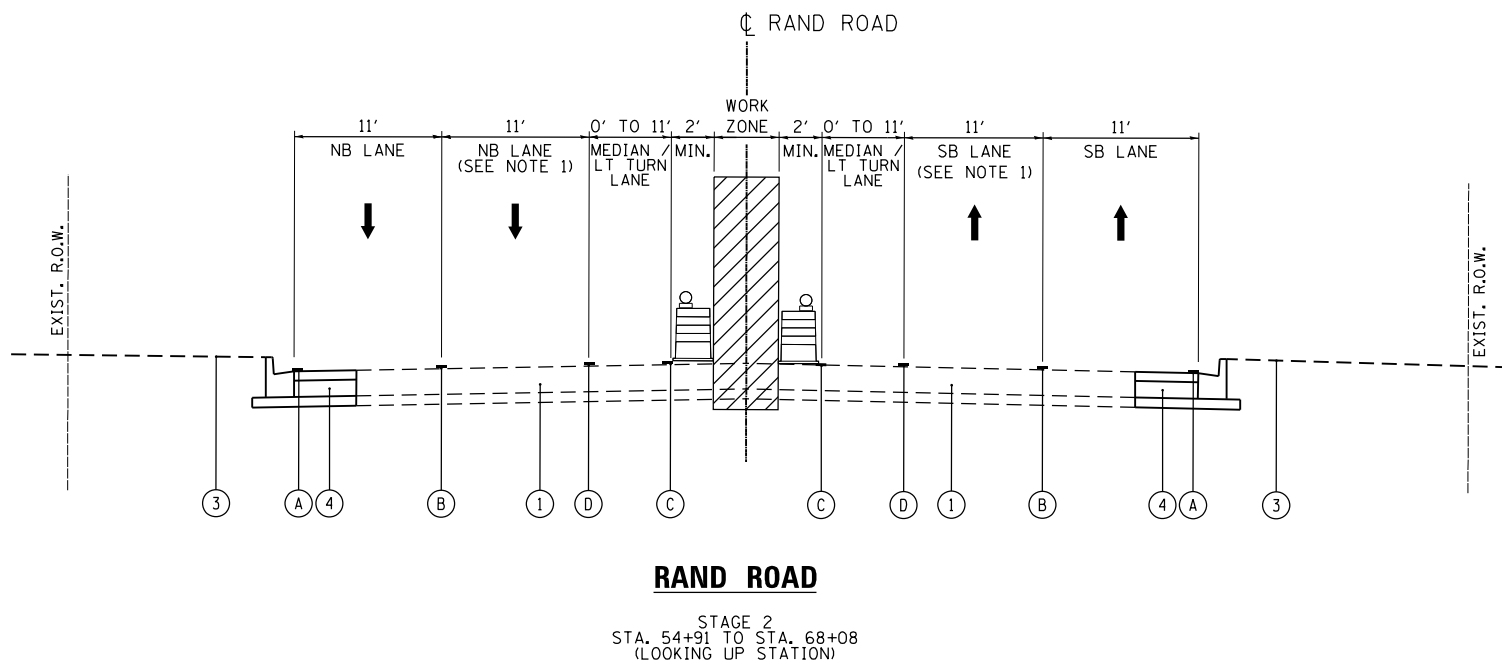
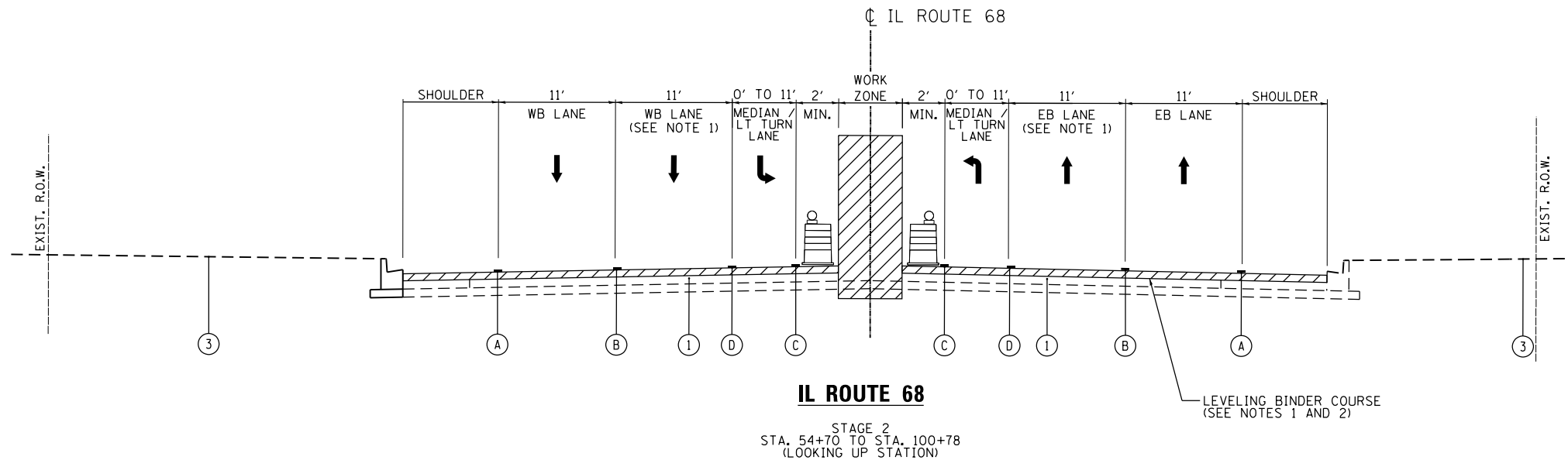
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FILE NAME = MOT TYPICAL SECTION - STAGE	DRAWN - RR	REVISED -
PLOT SCALE = 14.0000' / in.	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STAGE 1  
STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS

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

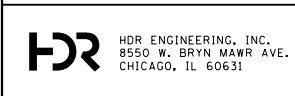
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	47
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**LEGEND**

- ① EXISTING PAVEMENT
- ② TEMPORARY EARTHWORK
- ③ EXISTING GROUND
- ④ PROPOSED PAVEMENT
- Ⓐ PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)
- Ⓑ PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 70300904)
- Ⓒ PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)
- Ⓓ PAVEMENT MARKING TAPE, TYPE IV 6" - LINE (SOLID, WHITE, 70300906)
- Ⓔ EXISTING PAVEMENT MARKING
- Ⓕ PROPOSED PAVEMENT MARKING
- WORK ZONE
- TEMPORARY PAVEMENT, 8" (Z0062456) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- DIRECTION OF TRAFFIC
- VERTICAL PANEL (BACK TO BACK) WITH BI-DIRECTIONAL STEADY BURN LIGHT ON TWLTL SECTIONS AND MONO-DIRECTIONAL FLASHING LIGHT ON MULTI-LANE SECTIONS (AT 50' C-C)
- DRUM OR TYPE 2 BARRICADE WITH FLASHING MONO-DIRECTIONAL LIGHT

- NOTE**
1. SINGLE LANE CLOSURES ALLOWED DURING OFF-PEAK DAY TIME HOURS. SEE MOT NOTES, SEQUENCING, AND SPECIFICATIONS FOR REQUIREMENTS.
  2. SEE MOT NOTES, SEQUENCING, AND SPECIFICATIONS FOR TRAFFIC CONTROL REQUIREMENTS FOR LEVELING BINDER AND HMA SURFACE COURSE CONSTRUCTION.
  3. WORK ZONES ON TWO LANE TWO WAY ROADS CAN ONLY BE SET UP ON ONE SIDE OF THE ROADWAY AT A TIME.



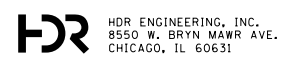
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FILE NAME = MOT TYPICAL SECTION - STAGE 2	DRAWN - RR	REVISED -
PLOT SCALE = 1/4" = 1'-0"	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STAGE 2 STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	48
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CHICAGO, IL 60631

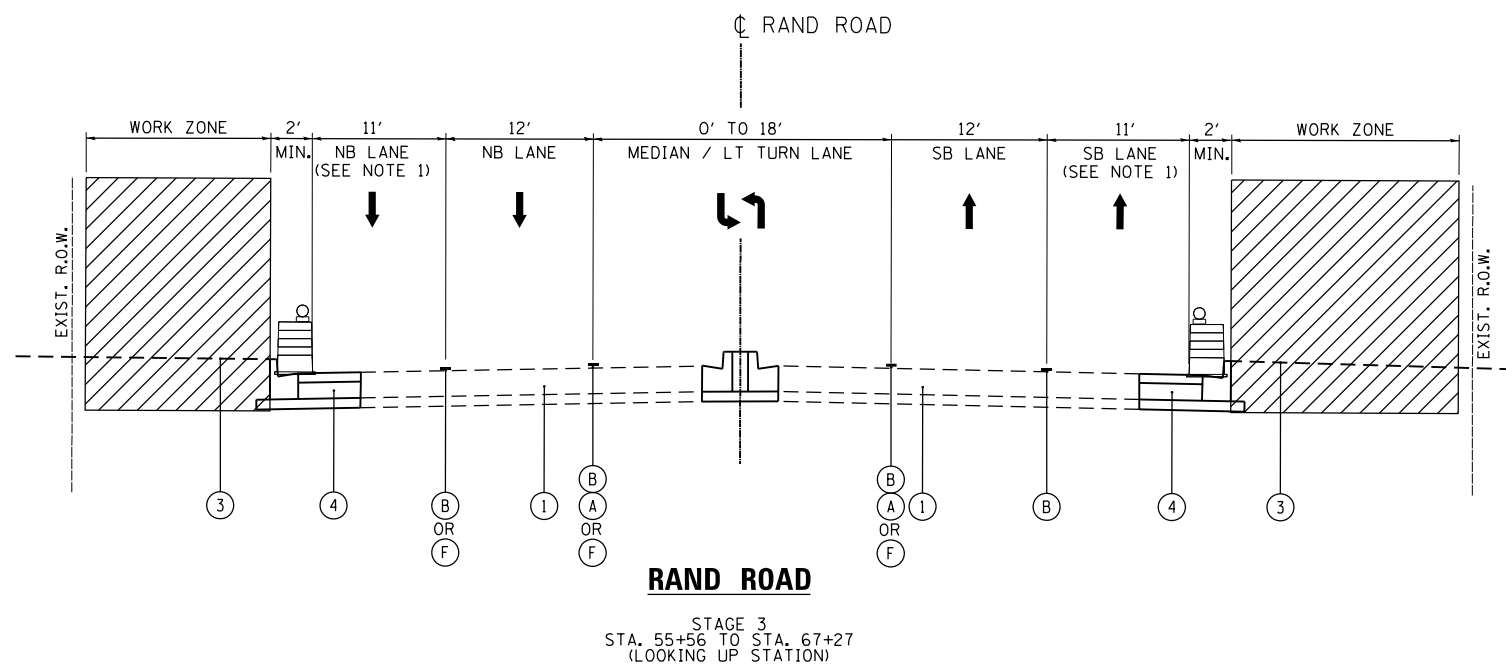
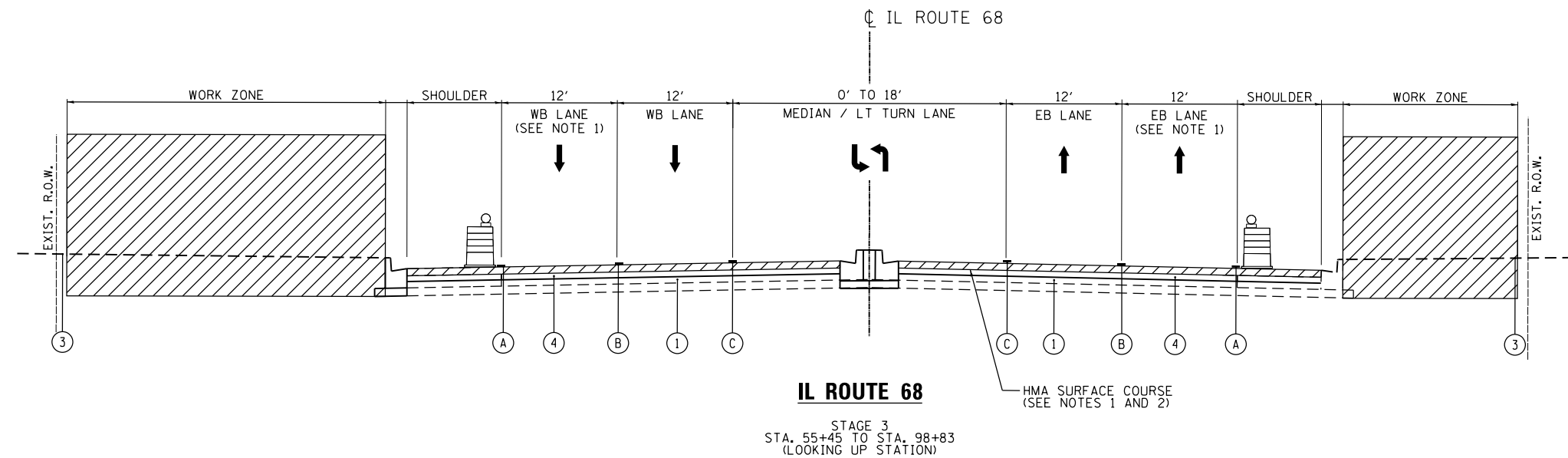
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FILE NAME = MOT TYPICAL SECTION - STAGE 2	DRAWN - RR	REVISED -
PLOT SCALE = 14.0000' / 1" =	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 2  
STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	49
<b>CONTRACT NO. 62A26</b>				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

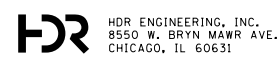


**LEGEND**

- ① EXISTING PAVEMENT
- ② TEMPORARY EARTHWORK
- ③ EXISTING GROUND
- ④ PROPOSED PAVEMENT
- Ⓐ PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)
- Ⓑ PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 70300904)
- Ⓒ PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)
- Ⓓ PAVEMENT MARKING TAPE, TYPE IV 6" - LINE (SOLID, WHITE, 70300906)
- Ⓔ EXISTING PAVEMENT MARKING
- Ⓕ PROPOSED PAVEMENT MARKING
- WORK ZONE
- TEMPORARY PAVEMENT, 8" (Z0062456) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- DIRECTION OF TRAFFIC
- VERTICAL PANEL (BACK TO BACK) WITH BI-DIRECTIONAL STEADY BURN LIGHT ON TWLTL SECTIONS AND MONO-DIRECTIONAL FLASHING LIGHT ON MULTI-LANE SECTIONS (AT 50' C-C)
- DRUM OR TYPE 2 BARRICADE WITH FLASHING MONO-DIRECTIONAL LIGHT

**NOTE**

1. SINGLE LANE CLOSURES ALLOWED DURING OFF-PEAK DAY TIME HOURS. SEE MOT NOTES, SEQUENCING, AND SPECIFICATIONS FOR REQUIREMENTS.
2. SEE MOT NOTES, SEQUENCING, AND SPECIFICATIONS FOR TRAFFIC CONTROL REQUIREMENTS FOR LEVELING BINDER AND HMA SURFACE COURSE CONSTRUCTION.
3. WORK ZONES ON TWO LANE TWO WAY ROADS CAN ONLY BE SET UP ON ONE SIDE OF THE ROADWAY AT A TIME.



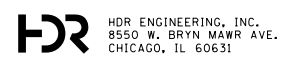
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FILE NAME = MOT TYPICAL SECTION - STAGE 3	DRAWN - RR	REVISED -
PLOT SCALE = 1/4" = 1'-0"	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STAGE 3 STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	50
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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USER NAME = ROGERS	DESIGNED - JK	REVISED -
FILE NAME = MOT TYPICAL SECTION - STAGE	DRAWN - RR	REVISED -
PLOT SCALE = 14.0000' / in.	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

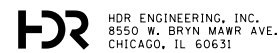
STAGE 3  
STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	51
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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USER NAME = ROGERS	DESIGNED - JK	REVISED -
FILE NAME = PRESTAGE - FRONTAGE RD	DRAWN - RR	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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STAGING AND TRAFFIC CONTROL PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	52
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

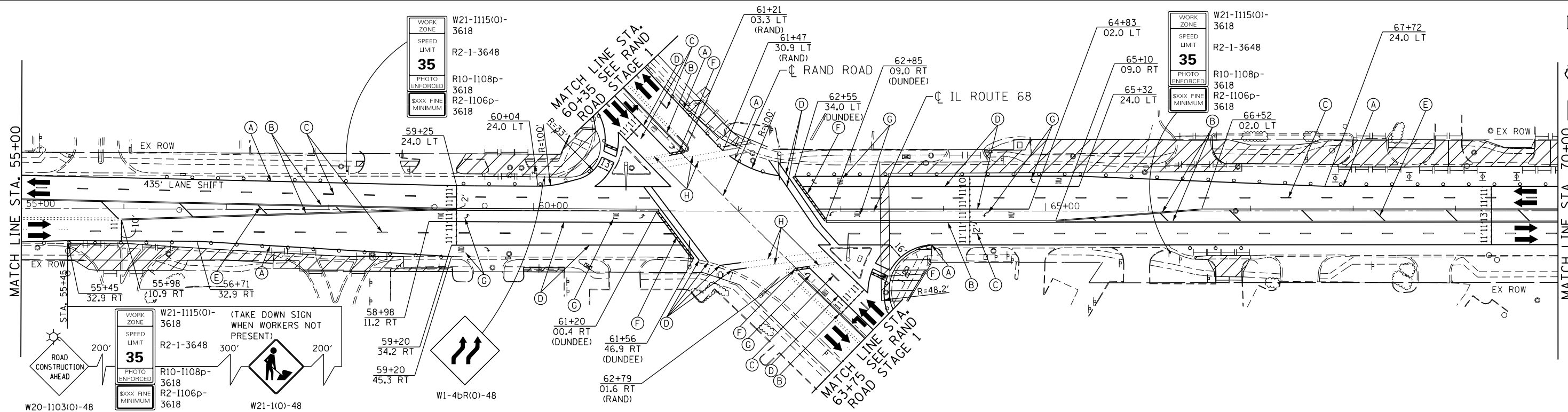
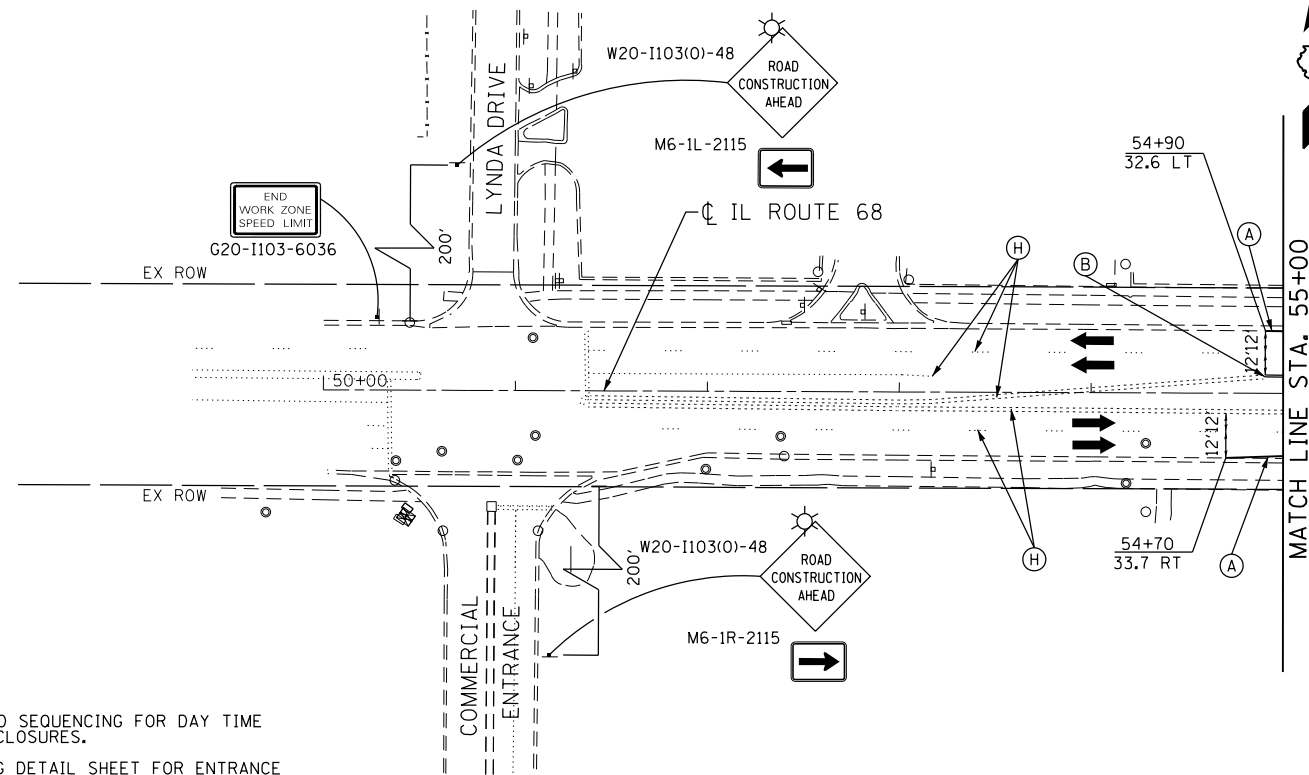
**MOT LEGEND**

- (A) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)
- (B) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)
- (C) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 10' DASH, 30' SKIP, 70300904)
- (D) PAVEMENT MARKING TAPE, TYPE IV 6" - LINE (SOLID, WHITE, 70300906)
- (E) PAVEMENT MARKING TAPE, TYPE IV 12" - LINE (SOLID, YELLOW, 70300912)
- (F) PAVEMENT MARKING TAPE, TYPE IV 24" - LINE (SOLID, WHITE, 70300924)
- (G) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS (70300900)
- (H) EXISTING PAVEMENT MARKING
- (I) PREVIOUSLY INSTALLED TEMPORARY PAVEMENT MARKING

- WORK ZONE
- TEMPORARY PAVEMENT, 8" (Z0062456) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- DIRECTION OF TRAFFIC
- CONSTRUCTION SIGN
- TYPE I OR II BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHT
- TYPE III BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHTS
- DRUMS AT 50' C-C (TANGENT), 20' C-C (TAPER), 10' C-C (RADII)
- SIGN MOUNTED MONO-DIRECTIONAL FLASHING LIGHT
- VERTICAL PANEL WITH MONO-DIRECTIONAL FLASHING LIGHT AT 50' C-C

**NOTE**

1. SEE MOT TYPICALS AND SEQUENCING FOR DAY TIME OFF-PEAK HOUR LANE CLOSURES.
2. SEE ENTRANCE STAGING DETAIL SHEET FOR ENTRANCE CONSTRUCTION SEQUENCING REQUIREMENTS.



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CHICAGO, IL 60631

USER NAME = ROGERS  
FILE NAME = STAGE 1 - DUNDEE ROAD  
PLOT SCALE = 100.0000' / 1" =  
PLOT DATE = 4/22/2019

DESIGNED - JK  
DRAWN - RR  
CHECKED - JK  
DATE - 03/02/17

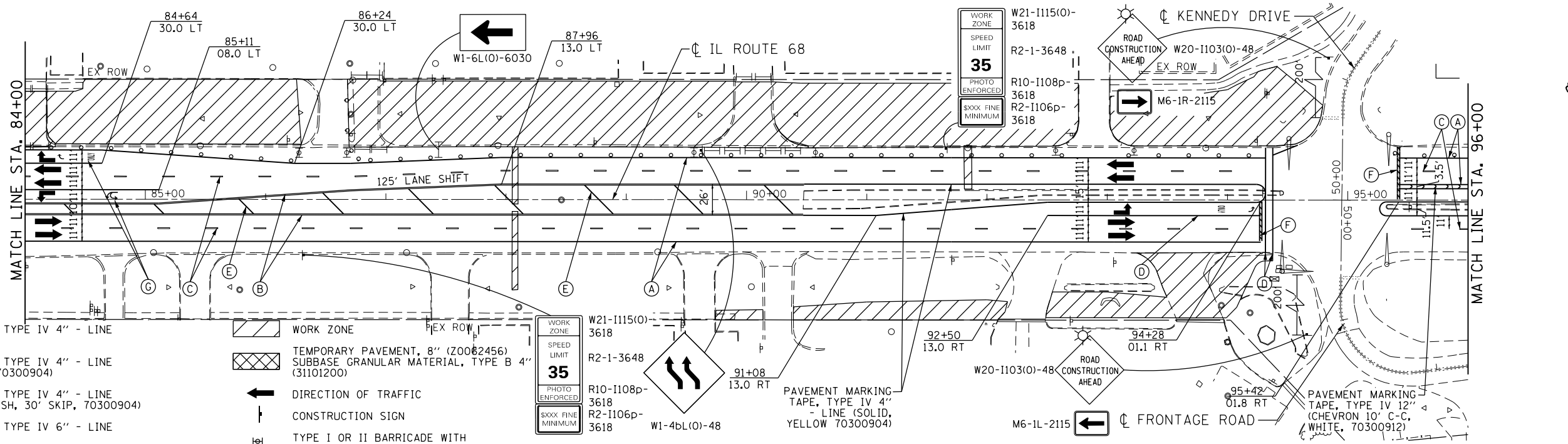
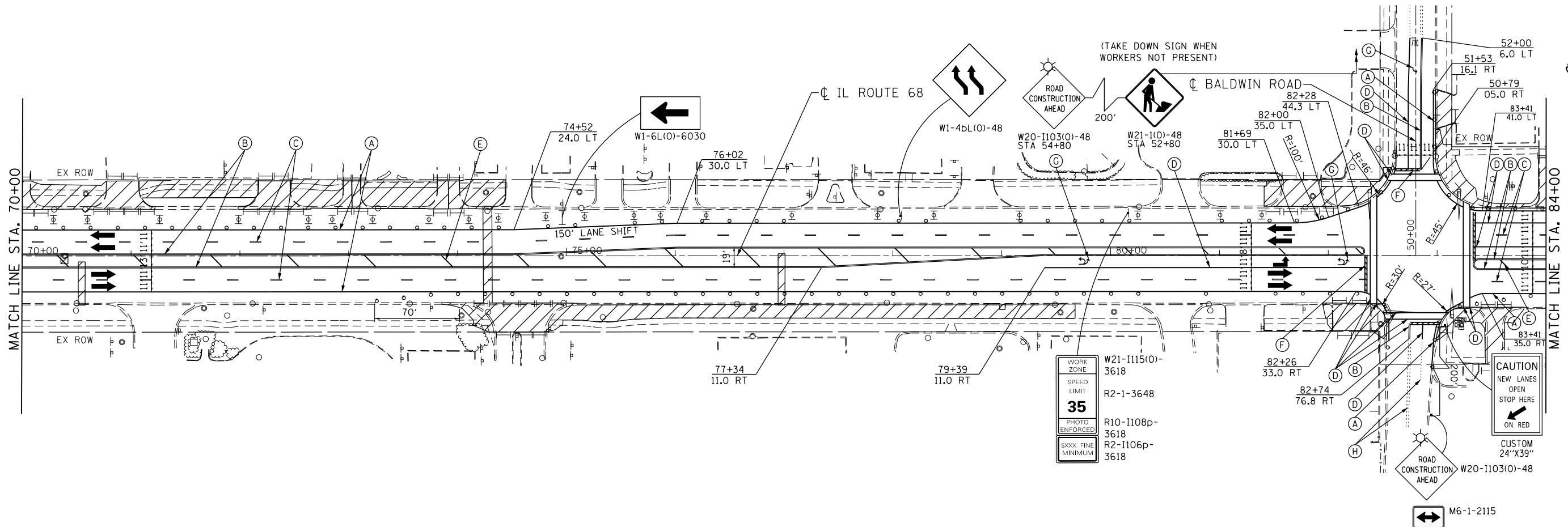
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 68  
STAGING AND TRAFFIC CONTROL PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	53
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

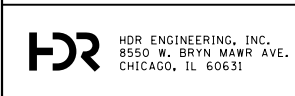


**MOT LEGEND**

- (A) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)
  - (B) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)
  - (C) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 10' DASH, 30' SKIP, 70300904)
  - (D) PAVEMENT MARKING TAPE, TYPE IV 6" - LINE (SOLID, WHITE, 70300906)
  - (E) PAVEMENT MARKING TAPE, TYPE IV 12" - LINE (SOLID, YELLOW, 70300912)
  - (F) PAVEMENT MARKING TAPE, TYPE IV 24" - LINE (SOLID, WHITE, 70300924)
  - (G) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS (70300900)
  - (H) EXISTING PAVEMENT MARKING
  - (I) PREVIOUSLY INSTALLED TEMPORARY PAVEMENT MARKING
- WORK ZONE
  - TEMPORARY PAVEMENT, 8" (Z0062456) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
  - DIRECTION OF TRAFFIC
  - CONSTRUCTION SIGN
  - TYPE I OR II BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHT
  - TYPE III BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHTS
  - DRUMS AT 50' C-C (TANGENT), 20' C-C (TAPER), 10' C-C (RADII)
  - SIGN MOUNTED MONO-DIRECTIONAL FLASHING LIGHT
  - VERTICAL PANEL WITH MONO-DIRECTIONAL FLASHING LIGHT AT 50' C-C

**NOTE**

1. SEE MOT TYPICALS AND SEQUENCING FOR DAY TIME OFF-PEAK HOUR LANE CLOSURES.
2. SEE ENTRANCE STAGING DETAIL SHEET FOR ENTRANCE CONSTRUCTION SEQUENCING REQUIREMENTS.



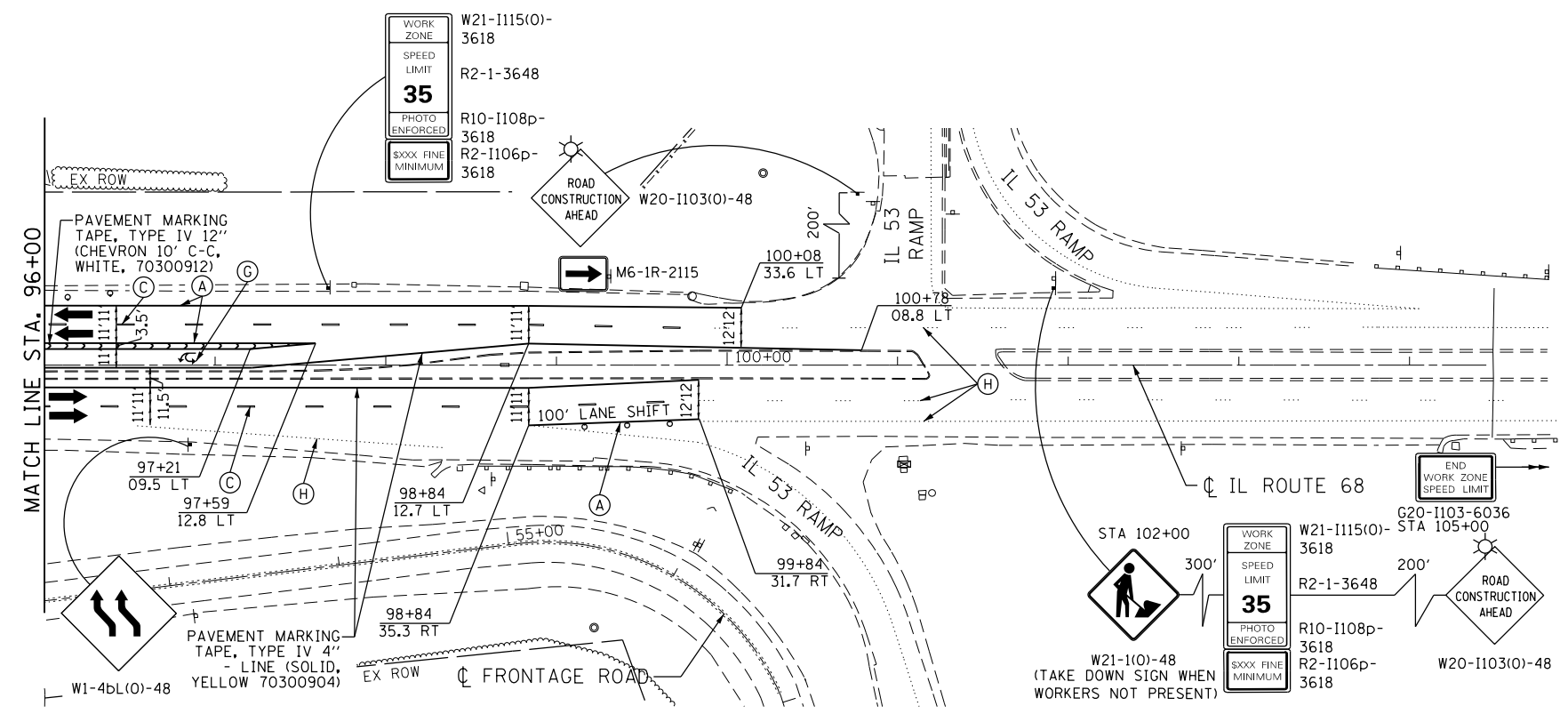
USER NAME = ROGERS	DESIGNED - JK	REVISED -
FILE NAME = STAGE 1 - DUNDEE ROAD	DRAWN - RR	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 68  
STAGING AND TRAFFIC CONTROL PLAN - STAGE 1**

SCALE: 1"=50'    SHEET NO.    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	54
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



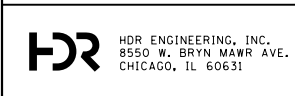
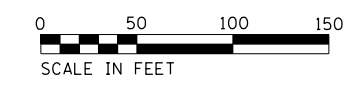
**MOT LEGEND**

- (A) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)
- (B) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)
- (C) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 10' DASH, 30' SKIP, 70300904)
- (D) PAVEMENT MARKING TAPE, TYPE IV 6" - LINE (SOLID, WHITE, 70300906)
- (E) PAVEMENT MARKING TAPE, TYPE IV 12" - LINE (SOLID, YELLOW, 70300912)
- (F) PAVEMENT MARKING TAPE, TYPE IV 24" - LINE (SOLID, WHITE, 70300924)
- (G) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS (70300900)
- (H) EXISTING PAVEMENT MARKING
- (I) PREVIOUSLY INSTALLED TEMPORARY PAVEMENT MARKING

- WORK ZONE
- TEMPORARY PAVEMENT, 8" (Z0062456) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- DIRECTION OF TRAFFIC
- CONSTRUCTION SIGN
- TYPE I OR II BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHT
- TYPE III BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHTS
- DRUMS AT 50' C-C (TANGENT), 20' C-C (TAPER), 10' C-C (RADII)
- SIGN MOUNTED MONO-DIRECTIONAL FLASHING LIGHT
- VERTICAL PANEL WITH MONO-DIRECTIONAL FLASHING LIGHT AT 50' C-C

**NOTE**

1. SEE MOT TYPICALS AND SEQUENCING FOR DAY TIME OFF-PEAK HOUR LANE CLOSURES.
2. SEE ENTRANCE STAGING DETAIL SHEET FOR ENTRANCE CONSTRUCTION SEQUENCING REQUIREMENTS.



USER NAME = ROGERS	DESIGNED - JK	REVISED -
FILE NAME = STAGE 1 - DUNDEE ROAD	DRAWN - RR	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 68  
STAGING AND TRAFFIC CONTROL PLAN - STAGE 1**

SCALE: 1"=50'    SHEET NO.    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	55
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

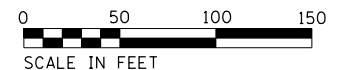
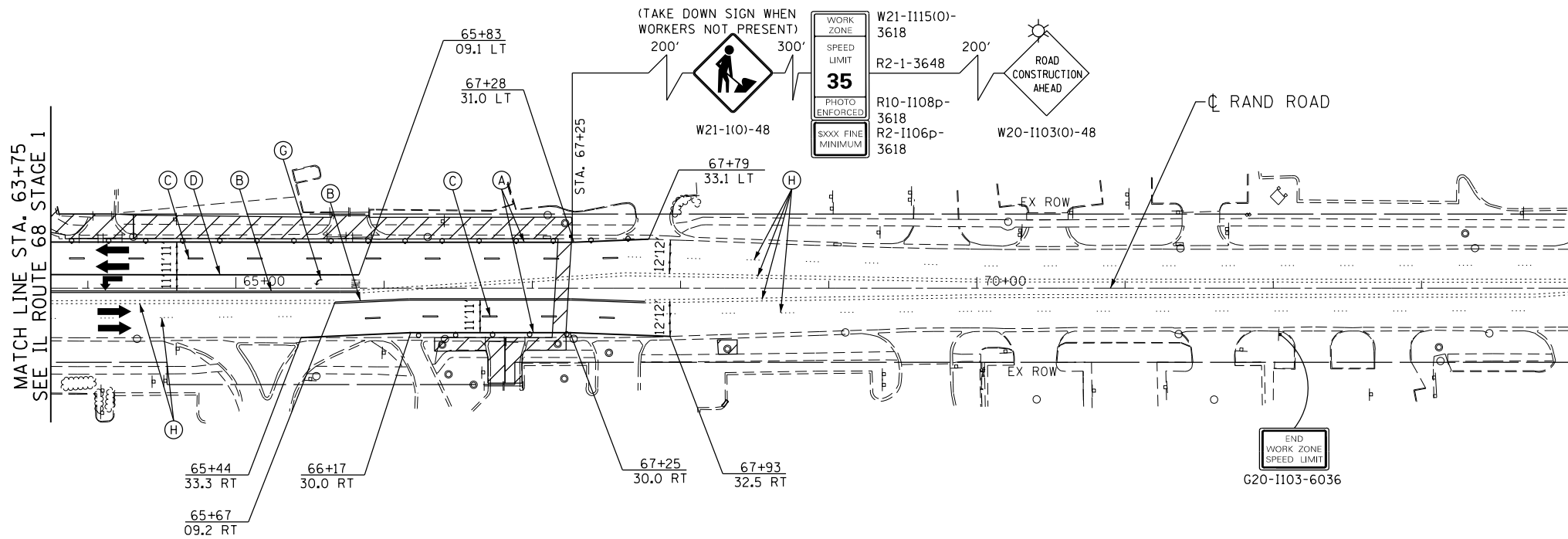
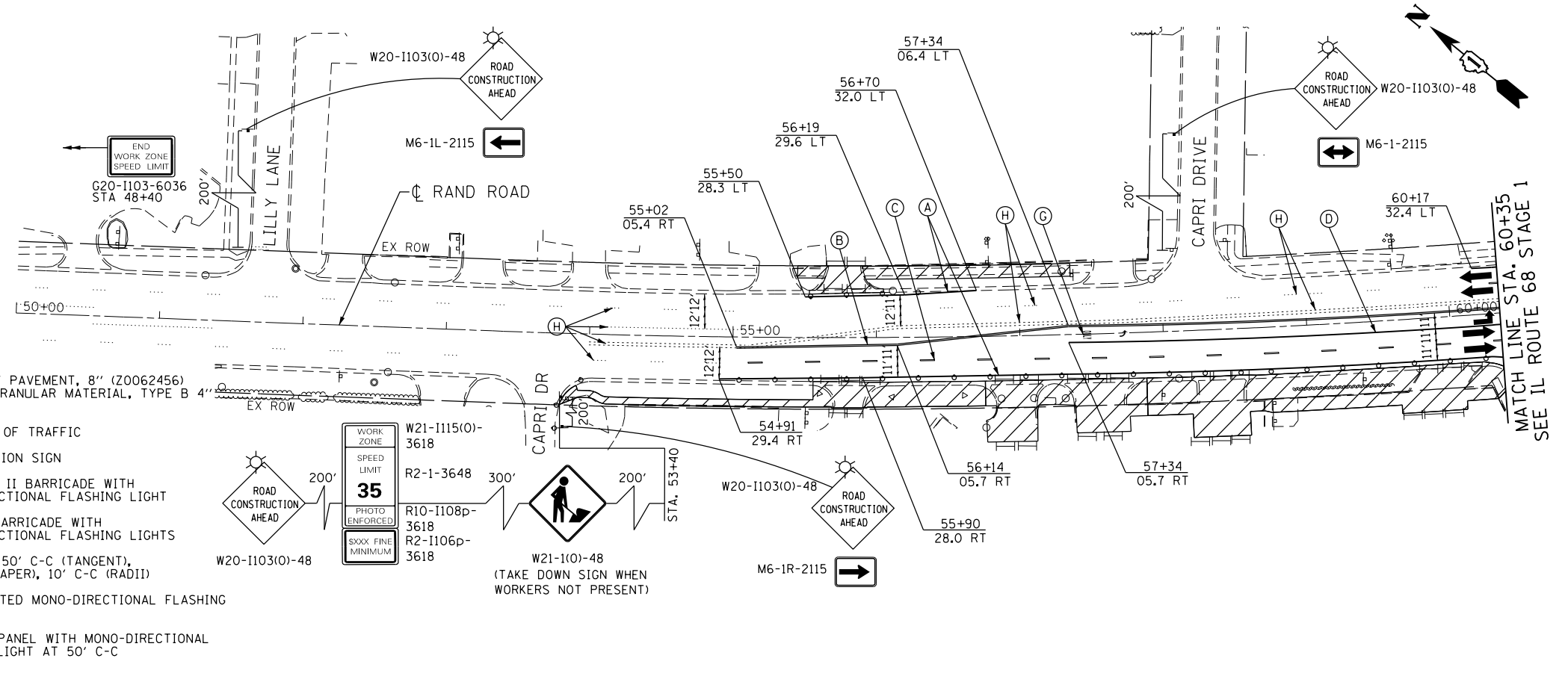
**NOTE**

1. SEE MOT TYPICALS AND SEQUENCING FOR DAY TIME OFF-PEAK HOUR LANE CLOSURES.
2. SEE ENTRANCE STAGING DETAIL SHEET FOR ENTRANCE CONSTRUCTION SEQUENCING REQUIREMENTS.

**MOT LEGEND**

- (A) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)
- (B) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)
- (C) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 10' DASH, 30' SKIP, 70300904)
- (D) PAVEMENT MARKING TAPE, TYPE IV 6" - LINE (SOLID, WHITE, 70300906)
- (E) PAVEMENT MARKING TAPE, TYPE IV 12" - LINE (SOLID, YELLOW, 70300912)
- (F) PAVEMENT MARKING TAPE, TYPE IV 24" - LINE (SOLID, WHITE, 70300924)
- (G) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS (70300900)
- (H) EXISTING PAVEMENT MARKING
- (I) PREVIOUSLY INSTALLED TEMPORARY PAVEMENT MARKING

- WORK ZONE
- TEMPORARY PAVEMENT, 8" (20062456) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- DIRECTION OF TRAFFIC
- CONSTRUCTION SIGN
- TYPE I OR II BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHT
- TYPE III BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHTS
- DRUMS AT 50' C-C (TANGENT), 20' C-C (TAPER), 10' C-C (RADIUS)
- SIGN MOUNTED MONO-DIRECTIONAL FLASHING LIGHT
- VERTICAL PANEL WITH MONO-DIRECTIONAL FLASHING LIGHT AT 50' C-C



**HDR**  
HDR ENGINEERING, INC.  
8550 W. BRYN MAWR AVE.  
CHICAGO, IL 60631

USER NAME = ROGERS  
FILE NAME = STAGE 1 - RAND RD  
PLOT SCALE = 100.0000' / 1" / 1" / 1" / 1"  
PLOT DATE = 4/22/2019

DESIGNED - JK  
DRAWN - RR  
CHECKED - JK  
DATE - 03/02/17

REVISED -  
REVISED -  
REVISED -  
REVISED -

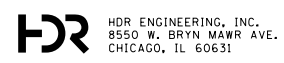
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RAND ROAD  
STAGING AND TRAFFIC CONTROL PLAN - STAGE 1**

SCALE: 1"=50'    SHEET NO.    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	56
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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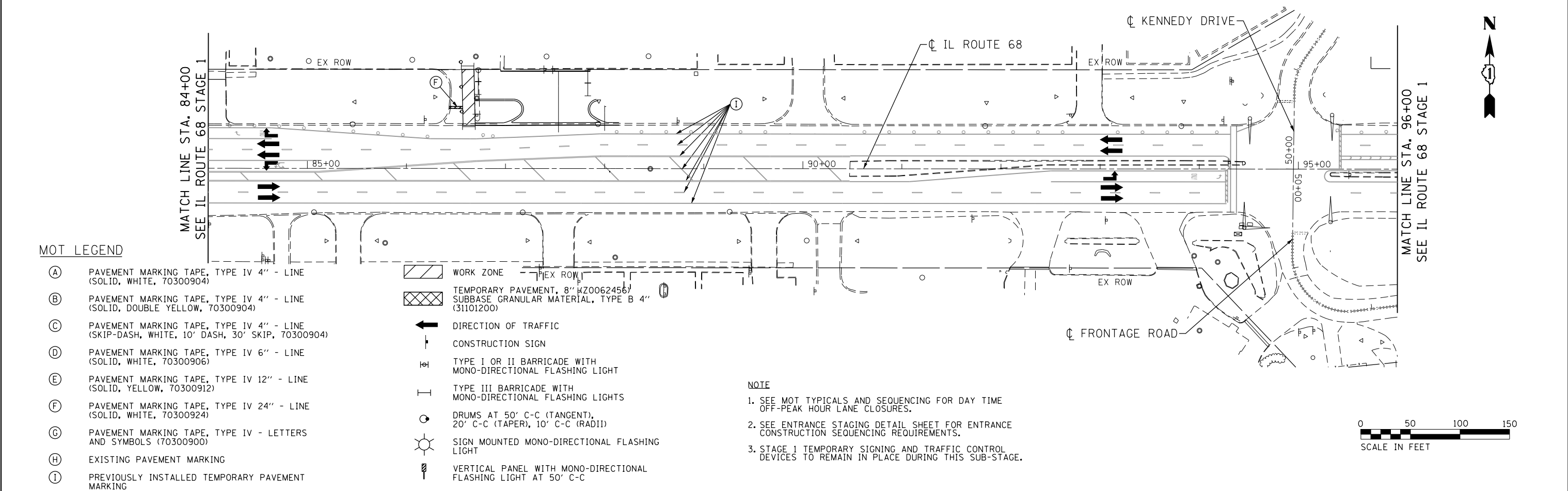
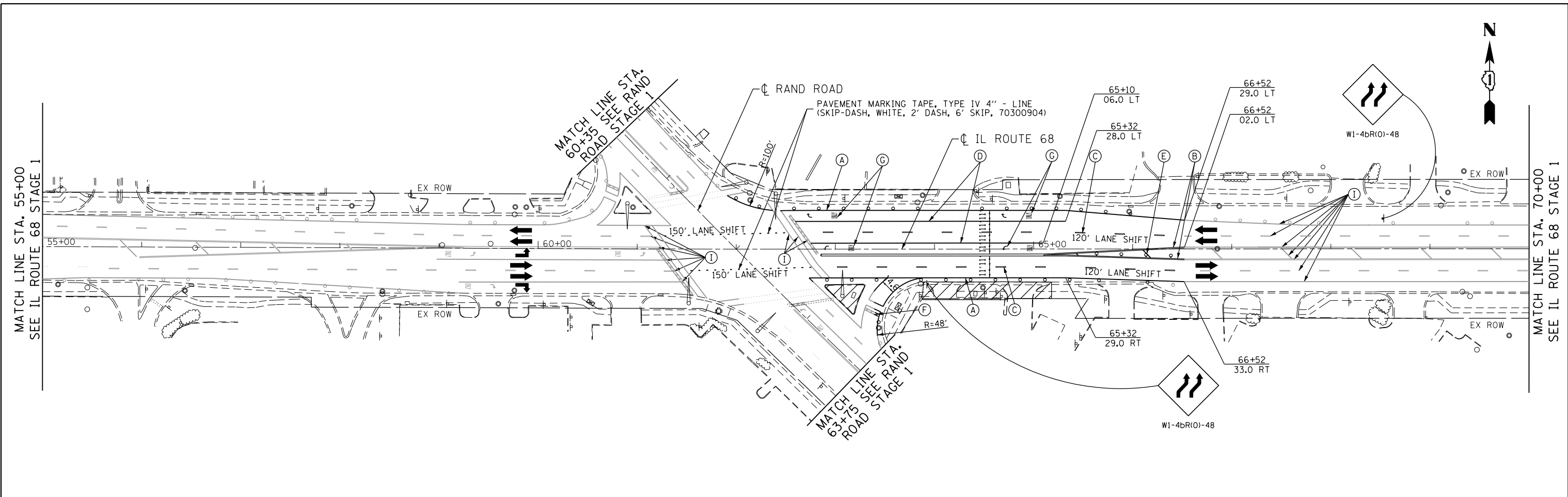


USER NAME = ROGERS	DESIGNED - JK	REVISED -
FILE NAME = STAGE 1 - BLANK	DRAWN - RR	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BLANK STAGING AND TRAFFIC CONTROL PLAN - STAGE 1</b>			
SCALE: 1"=50'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	57
<b>CONTRACT NO. 62A26</b>				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

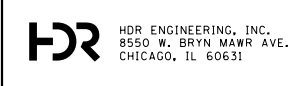
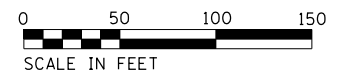


**MOT LEGEND**

- (A) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)
  - (B) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)
  - (C) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 10' DASH, 30' SKIP, 70300904)
  - (D) PAVEMENT MARKING TAPE, TYPE IV 6" - LINE (SOLID, WHITE, 70300906)
  - (E) PAVEMENT MARKING TAPE, TYPE IV 12" - LINE (SOLID, YELLOW, 70300912)
  - (F) PAVEMENT MARKING TAPE, TYPE IV 24" - LINE (SOLID, WHITE, 70300924)
  - (G) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS (70300900)
  - (H) EXISTING PAVEMENT MARKING
  - (I) PREVIOUSLY INSTALLED TEMPORARY PAVEMENT MARKING
- [Hatched Box] WORK ZONE
  - [Cross-hatched Box] TEMPORARY PAVEMENT, 8" (Z0062456) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
  - [Arrow] DIRECTION OF TRAFFIC
  - [Sign Symbol] CONSTRUCTION SIGN
  - [Barricade Symbol] TYPE I OR II BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHT
  - [Barricade Symbol] TYPE III BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHTS
  - [Drum Symbol] DRUMS AT 50' C-C (TANGENT), 20' C-C (TAPER), 10' C-C (RADII)
  - [Light Symbol] SIGN MOUNTED MONO-DIRECTIONAL FLASHING LIGHT
  - [Panel Symbol] VERTICAL PANEL WITH MONO-DIRECTIONAL FLASHING LIGHT AT 50' C-C

**NOTE**

1. SEE MOT TYPICALS AND SEQUENCING FOR DAY TIME OFF-PEAK HOUR LANE CLOSURES.
2. SEE ENTRANCE STAGING DETAIL SHEET FOR ENTRANCE CONSTRUCTION SEQUENCING REQUIREMENTS.
3. STAGE 1 TEMPORARY SIGNING AND TRAFFIC CONTROL DEVICES TO REMAIN IN PLACE DURING THIS SUB-STAGE.



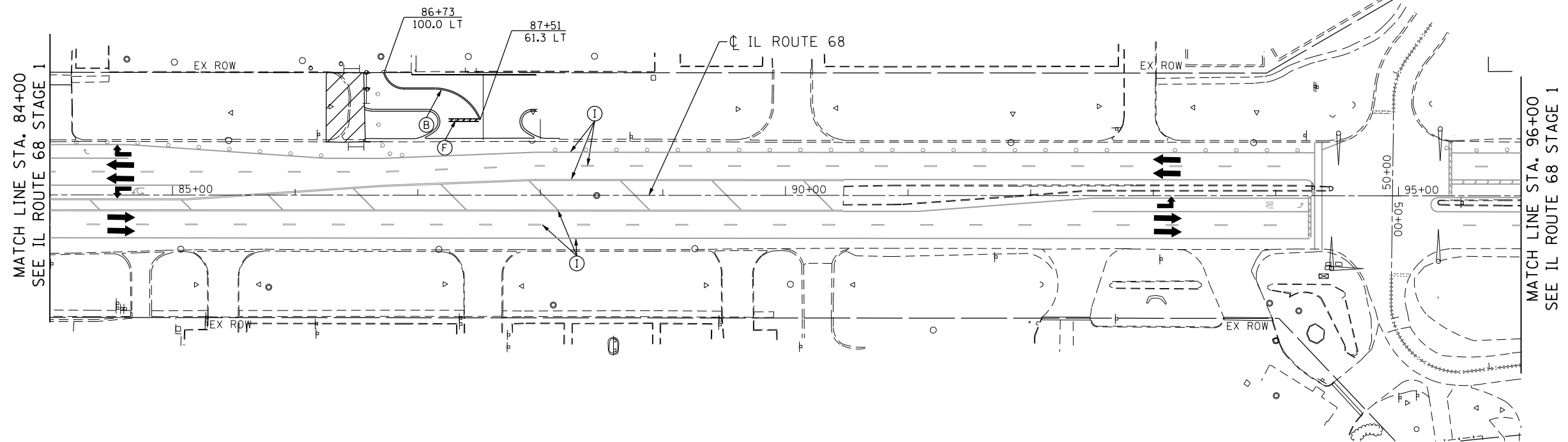
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FILE NAME = STAGE 1A - DUNDEE ROAD	DRAWN - RR	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 68  
STAGING AND TRAFFIC CONTROL PLAN - STAGE 1A**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	58
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: 1"=50'    SHEET NO.    OF    SHEETS    STA.    TO    STA.



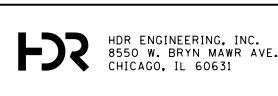
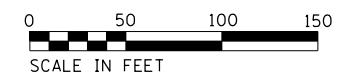
**MOT LEGEND**

- (A) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)
- (B) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)
- (C) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 10' DASH, 30' SKIP, 70300904)
- (D) PAVEMENT MARKING TAPE, TYPE IV 6" - LINE (SOLID, WHITE, 70300906)
- (E) PAVEMENT MARKING TAPE, TYPE IV 12" - LINE (SOLID, YELLOW, 70300912)
- (F) PAVEMENT MARKING TAPE, TYPE IV 24" - LINE (SOLID, WHITE, 70300924)
- (G) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS (70300900)
- (H) EXISTING PAVEMENT MARKING
- (I) PREVIOUSLY INSTALLED TEMPORARY PAVEMENT MARKING

- WORK ZONE
- TEMPORARY PAVEMENT, 8" (20062456) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- DIRECTION OF TRAFFIC
- CONSTRUCTION SIGN
- TYPE I OR II BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHT
- TYPE III BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHTS
- DRUMS AT 50' C-C (TANGENT), 20' C-C (TAPER), 10' C-C (RADIUS)
- SIGN MOUNTED MONO-DIRECTIONAL FLASHING LIGHT
- VERTICAL PANEL WITH MONO-DIRECTIONAL FLASHING LIGHT AT 50' C-C

**NOTE**

1. SEE MOT TYPICALS AND SEQUENCING FOR DAY TIME OFF-PEAK HOUR LANE CLOSURES.
2. SEE ENTRANCE STAGING DETAIL SHEET FOR ENTRANCE CONSTRUCTION SEQUENCING REQUIREMENTS.
3. STAGE 1 TEMPORARY SIGNING AND TRAFFIC CONTROL DEVICES TO REMAIN IN PLACE DURING THIS SUB-STAGE.



USER NAME = ROGERS	DESIGNED - JK	REVISED -
FILE NAME = STAGE 1B - DUNDEE ROAD	DRAWN - RR	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 68  
STAGING AND TRAFFIC CONTROL PLAN - STAGE 1B**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	59
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



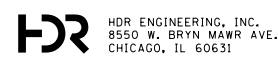
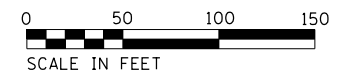
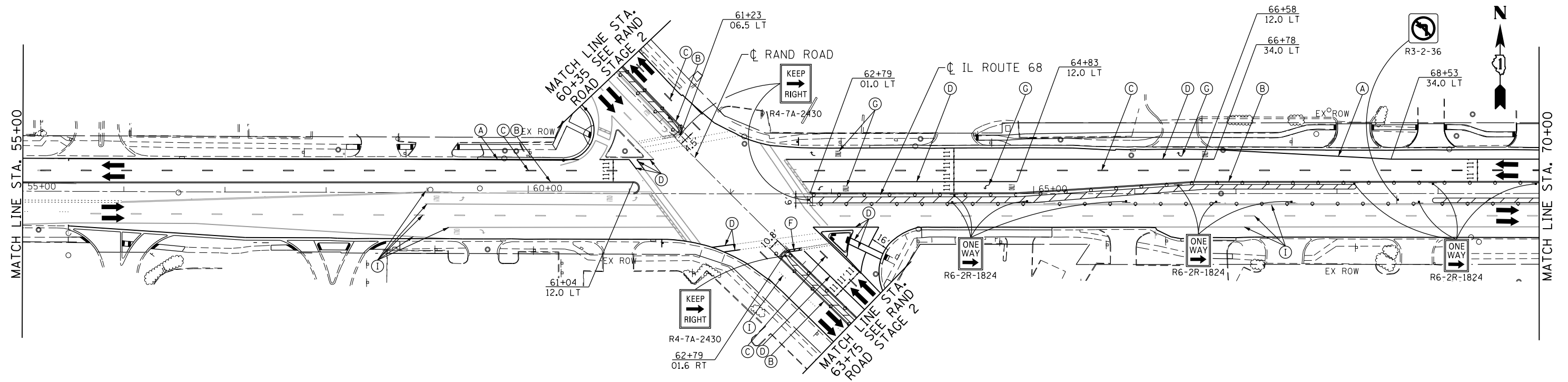
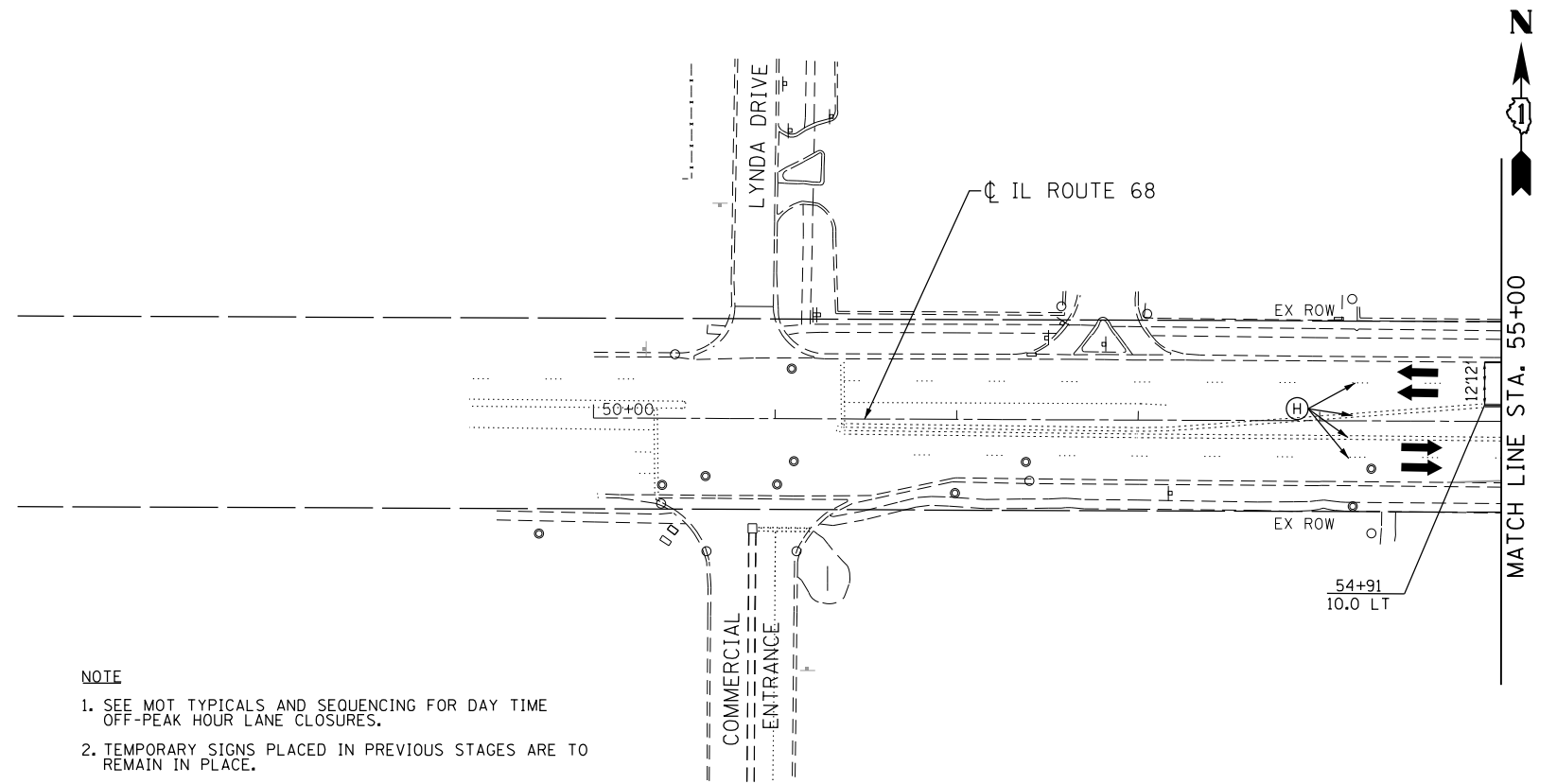
**MOT LEGEND**

- (A) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)
- (B) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)
- (C) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 10' DASH, 30' SKIP, 70300904)
- (D) PAVEMENT MARKING TAPE, TYPE IV 6" - LINE (SOLID, WHITE, 70300906)
- (E) PAVEMENT MARKING TAPE, TYPE IV 12" - LINE (SOLID, YELLOW, 70300912)
- (F) PAVEMENT MARKING TAPE, TYPE IV 24" - LINE (SOLID, WHITE, 70300924)
- (G) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS (70300900)
- (H) EXISTING PAVEMENT MARKING
- (I) PREVIOUSLY INSTALLED TEMPORARY PAVEMENT MARKING

- WORK ZONE
- TEMPORARY PAVEMENT, 8" (Z0062456) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- DIRECTION OF TRAFFIC
- CONSTRUCTION SIGN
- TYPE I OR II BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHT
- TYPE III BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHTS
- DRUMS AT 50' C-C (TANGENT), 20' C-C (TAPER), 10' C-C (RADI)
- SIGN MOUNTED MONO-DIRECTIONAL FLASHING LIGHT
- VERTICAL PANEL WITH MONO-DIRECTIONAL FLASHING LIGHT AT 50' C-C

**NOTE**

1. SEE MOT TYPICALS AND SEQUENCING FOR DAY TIME OFF-PEAK HOUR LANE CLOSURES.
2. TEMPORARY SIGNS PLACED IN PREVIOUS STAGES ARE TO REMAIN IN PLACE.



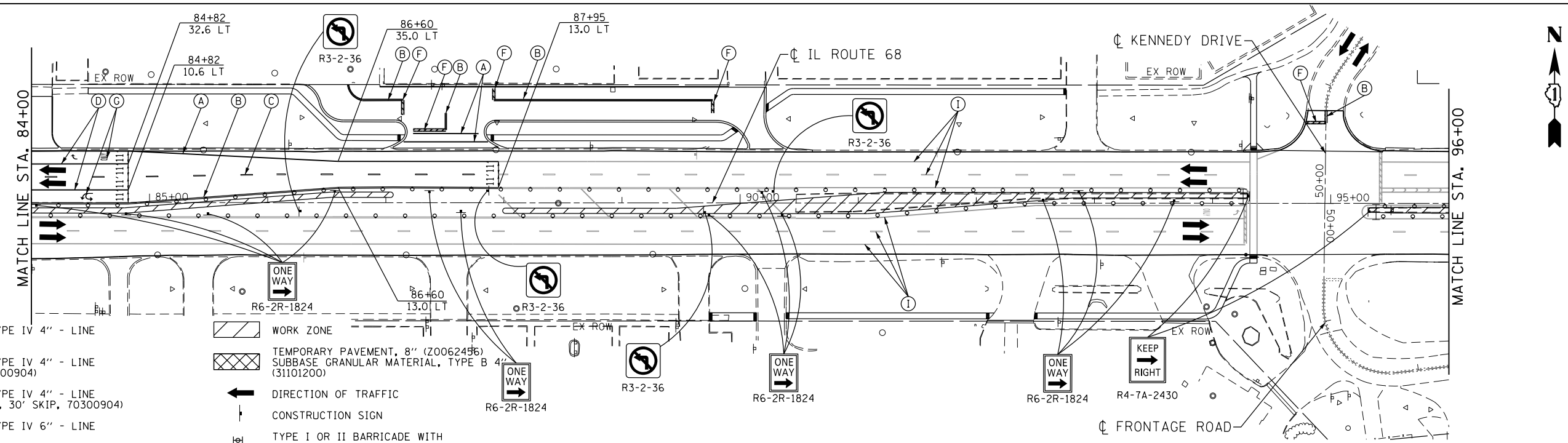
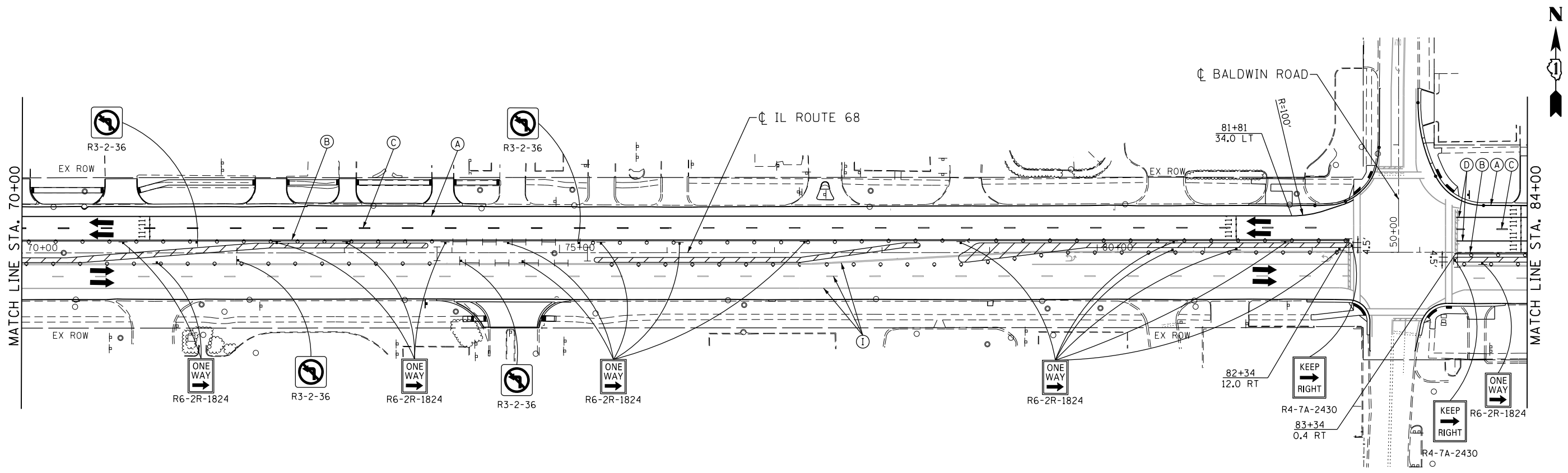
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FILE NAME = STAGE 2 - DUNDEE ROAD	DRAWN - RR	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 68  
STAGING AND TRAFFIC CONTROL PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	60
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

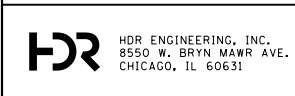
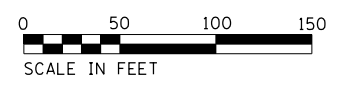


**MOT LEGEND**

- (A) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)
  - (B) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)
  - (C) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 10' DASH, 30' SKIP, 70300904)
  - (D) PAVEMENT MARKING TAPE, TYPE IV 6" - LINE (SOLID, WHITE, 70300906)
  - (E) PAVEMENT MARKING TAPE, TYPE IV 12" - LINE (SOLID, YELLOW, 70300912)
  - (F) PAVEMENT MARKING TAPE, TYPE IV 24" - LINE (SOLID, WHITE, 70300924)
  - (G) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS (70300900)
  - (H) EXISTING PAVEMENT MARKING
  - (I) PREVIOUSLY INSTALLED TEMPORARY PAVEMENT MARKING
- WORK ZONE
  - TEMPORARY PAVEMENT, 8" (Z0062456) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
  - DIRECTION OF TRAFFIC
  - CONSTRUCTION SIGN
  - TYPE I OR II BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHT
  - TYPE III BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHTS
  - DRUMS AT 50' C-C (TANGENT), 20' C-C (TAPER), 10' C-C (RADII)
  - SIGN MOUNTED MONO-DIRECTIONAL FLASHING LIGHT
  - VERTICAL PANEL WITH MONO-DIRECTIONAL FLASHING LIGHT AT 50' C-C

**NOTE**

- SEE MOT TYPICALS AND SEQUENCING FOR DAY TIME OFF-PEAK HOUR LANE CLOSURES.
- TEMPORARY SIGNS PLACED IN PREVIOUS STAGES ARE TO REMAIN IN PLACE.

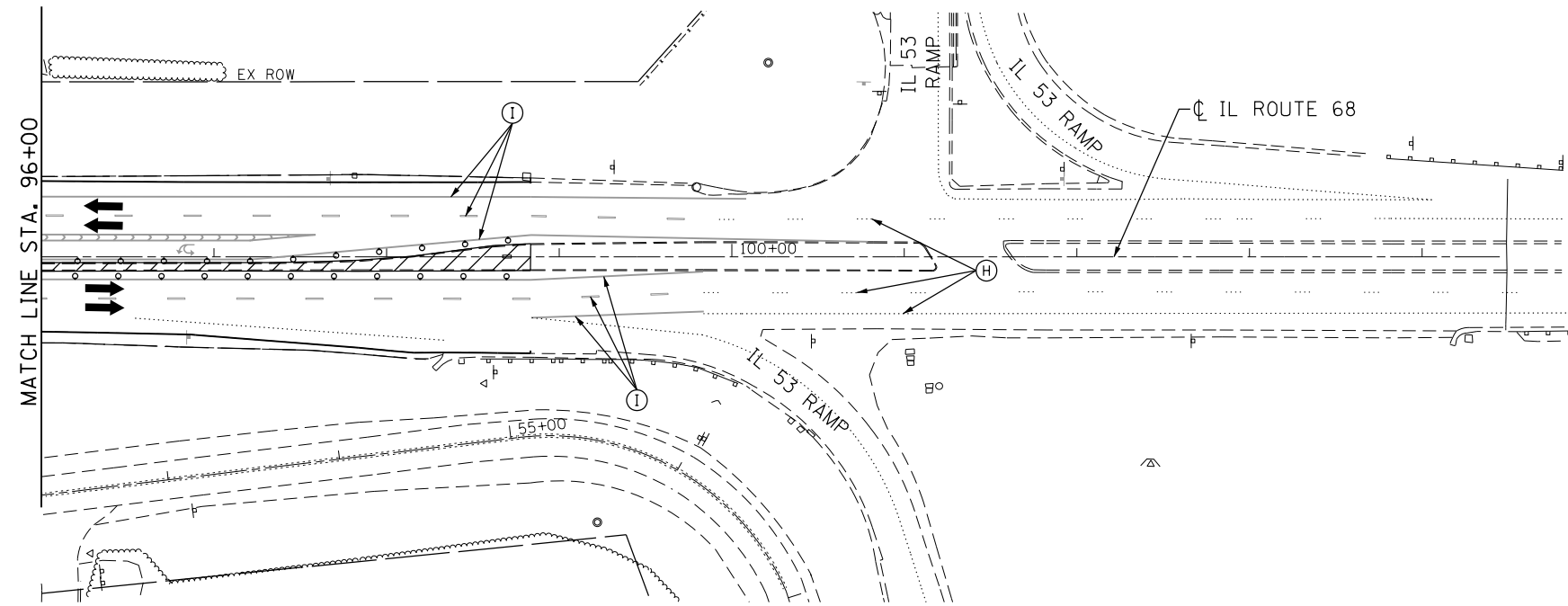


USER NAME = ROGERS	DESIGNED - JK	REVISED -
FILE NAME = STAGE 2 - DUNDEE ROAD	DRAWN - RR	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL ROUTE 68 STAGING AND TRAFFIC CONTROL PLAN - STAGE 2</b>			
SCALE: 1"=50'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	61
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

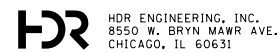
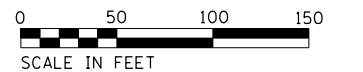


**MOT LEGEND**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>(A) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)</li> <li>(B) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)</li> <li>(C) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 10' DASH, 30' SKIP, 70300904)</li> <li>(D) PAVEMENT MARKING TAPE, TYPE IV 6" - LINE (SOLID, WHITE, 70300906)</li> <li>(E) PAVEMENT MARKING TAPE, TYPE IV 12" - LINE (SOLID, YELLOW, 70300912)</li> <li>(F) PAVEMENT MARKING TAPE, TYPE IV 24" - LINE (SOLID, WHITE, 70300924)</li> <li>(G) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS (70300900)</li> <li>(H) EXISTING PAVEMENT MARKING</li> <li>(I) PREVIOUSLY INSTALLED TEMPORARY PAVEMENT MARKING</li> </ul> | <ul style="list-style-type: none"> <li> WORK ZONE</li> <li> TEMPORARY PAVEMENT, 8" (Z0062456) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)</li> <li> DIRECTION OF TRAFFIC</li> <li> CONSTRUCTION SIGN</li> <li> TYPE I OR II BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHT</li> <li> TYPE III BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHTS</li> <li> DRUMS AT 50' C-C (TANGENT), 20' C-C (TAPER), 10' C-C (RADII)</li> <li> SIGN MOUNTED MONO-DIRECTIONAL FLASHING LIGHT</li> <li> VERTICAL PANEL WITH MONO-DIRECTIONAL FLASHING LIGHT AT 50' C-C</li> </ul> |
|--|---|

**NOTE**

1. SEE MOT TYPICALS AND SEQUENCING FOR DAY TIME OFF-PEAK HOUR LANE CLOSURES.
2. TEMPORARY SIGNS PLACED IN PREVIOUS STAGES ARE TO REMAIN IN PLACE.



USER NAME = ROGERS	DESIGNED - JK	REVISED -
FILE NAME = STAGE 2 - DUNDEE ROAD	DRAWN - RR	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - JK	REVISED -
PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 68  
STAGING AND TRAFFIC CONTROL PLAN - STAGE 2**

SCALE: 1"=50'    SHEET NO.    OF    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	62
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

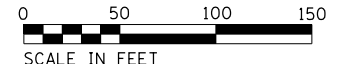
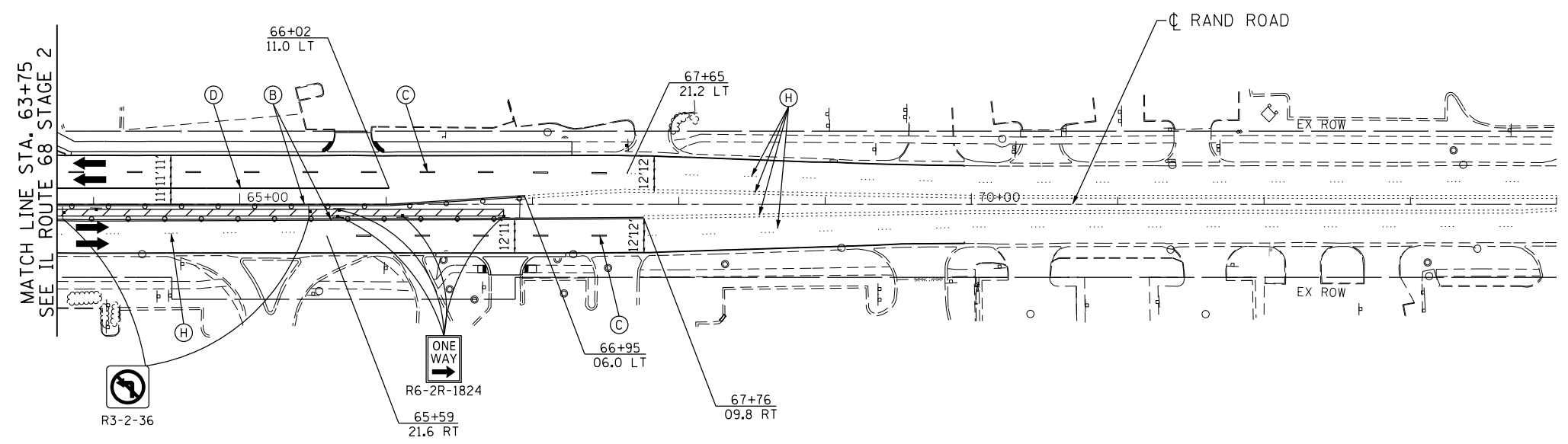
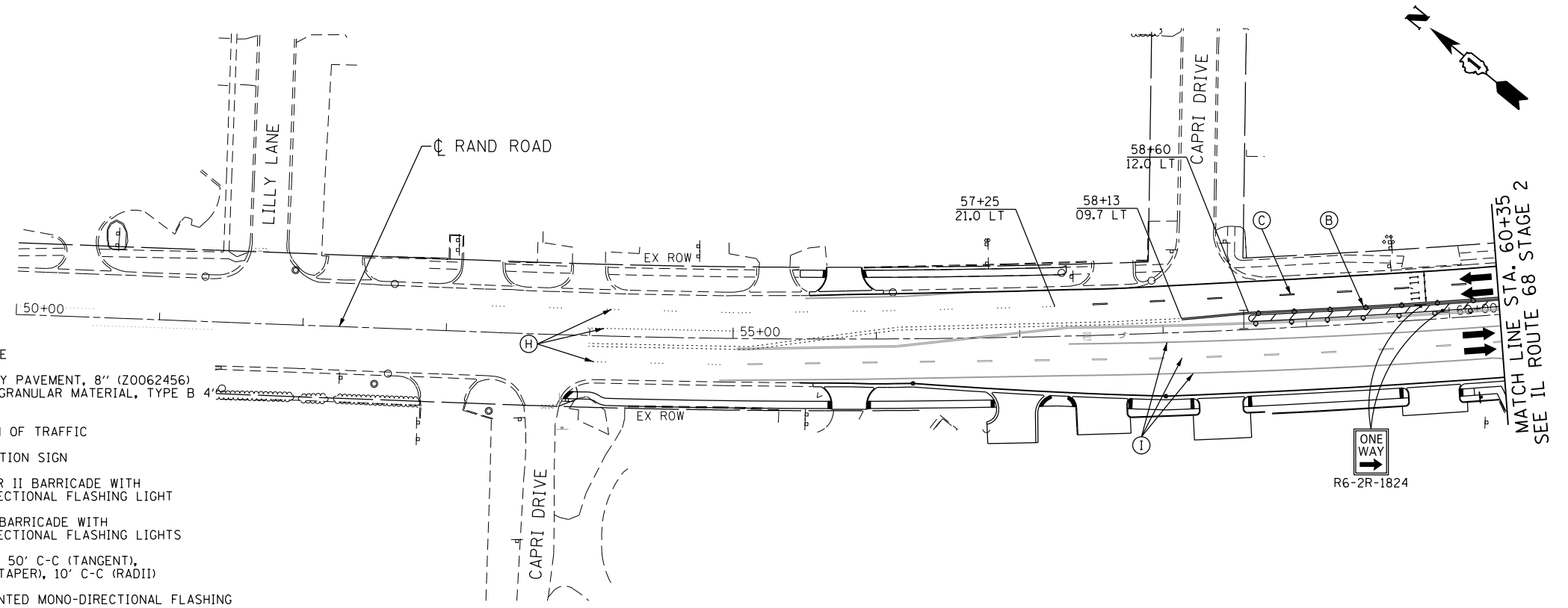
**NOTE**

1. SEE MOT TYPICALS AND SEQUENCING FOR DAY TIME OFF-PEAK HOUR LANE CLOSURES.
2. TEMPORARY SIGNS PLACED IN PREVIOUS STAGES ARE TO REMAIN IN PLACE.

**MOT LEGEND**

- (A) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, WHITE, 70300904)
- (B) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SOLID, DOUBLE YELLOW, 70300904)
- (C) PAVEMENT MARKING TAPE, TYPE IV 4" - LINE (SKIP-DASH, WHITE, 10' DASH, 30' SKIP, 70300904)
- (D) PAVEMENT MARKING TAPE, TYPE IV 6" - LINE (SOLID, WHITE, 70300906)
- (E) PAVEMENT MARKING TAPE, TYPE IV 12" - LINE (SOLID, YELLOW, 70300912)
- (F) PAVEMENT MARKING TAPE, TYPE IV 24" - LINE (SOLID, WHITE, 70300924)
- (G) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS (70300900)
- (H) EXISTING PAVEMENT MARKING
- (I) PREVIOUSLY INSTALLED TEMPORARY PAVEMENT MARKING

- WORK ZONE
- TEMPORARY PAVEMENT, 8" (Z0062456) SUBBASE GRANULAR MATERIAL, TYPE B 4' (31101200)
- DIRECTION OF TRAFFIC
- CONSTRUCTION SIGN
- TYPE I OR II BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHT
- TYPE III BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHTS
- DRUMS AT 50' C-C (TANGENT), 20' C-C (TAPER), 10' C-C (RADI)
- SIGN MOUNTED MONO-DIRECTIONAL FLASHING LIGHT
- VERTICAL PANEL WITH MONO-DIRECTIONAL FLASHING LIGHT AT 50' C-C



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CHICAGO, IL 60631

USER NAME = ROGERS	DESIGNED - JK	REVISED -
FILE NAME = STAGE 2 - RAND ROAD	DRAWN - RR	REVISED -
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PLOT DATE = 4/22/2019	DATE - 03/02/17	REVISED -

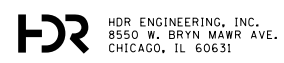
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RAND ROAD  
STAGING AND TRAFFIC CONTROL PLAN - STAGE 2**

SCALE: 1"=50'    SHEET NO.    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	63
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1    ILLINOIS FED. AID PROJECT				

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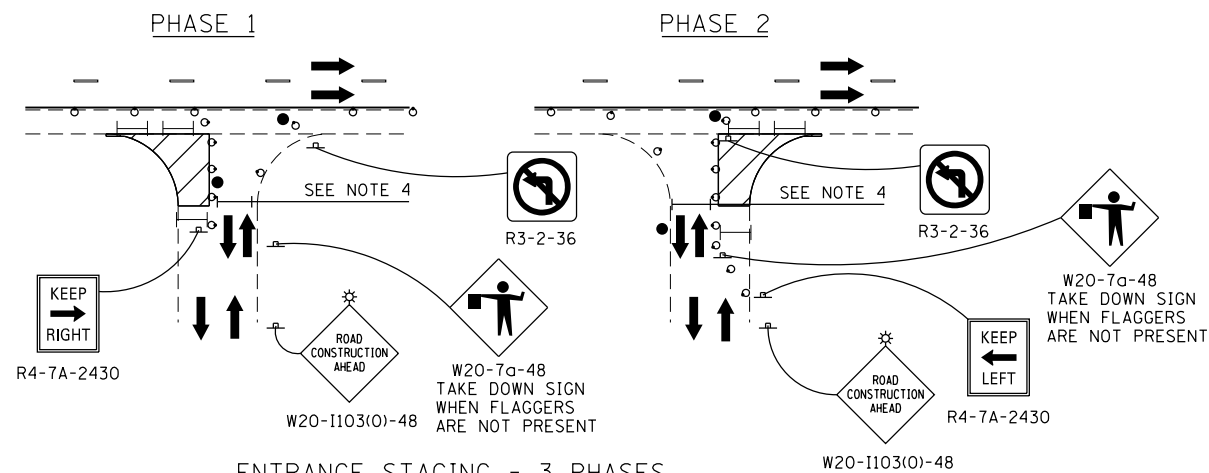
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

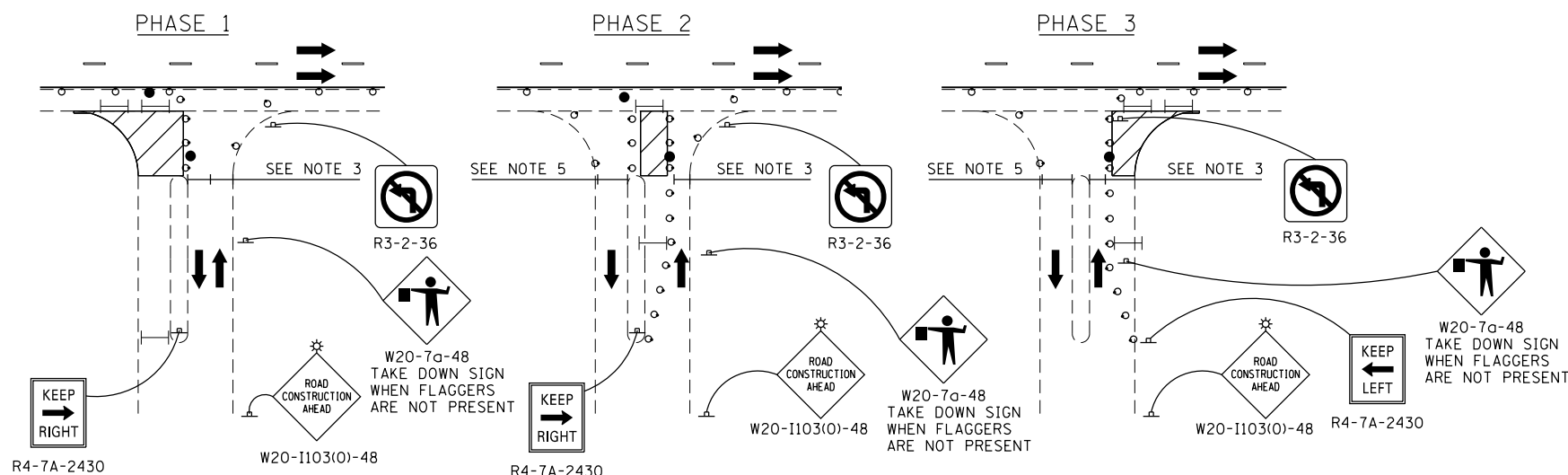
<b>BLANK STAGING AND TRAFFIC CONTROL PLAN - STAGE 2</b>			
SCALE: 1"=50'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	64
<b>CONTRACT NO. 62A26</b>				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ENTRANCE STAGING - 2 PHASES



ENTRANCE STAGING - 3 PHASES



MOT LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- CONSTRUCTION SIGN
- TYPE III BARRICADE WITH MONO-DIRECTIONAL FLASHING LIGHTS
- DRUMS WITH MONO-DIRECTIONAL FLASHING LIGHT AT 25' C-C (TANGENT), 20' C-C (TAPER), 10' C-C (RADII)
- FLAGGER WITH TRAFFIC CONTROL SIGN (SEE NOTE 4)
- SIGN MOUNTED MONO-DIRECTIONAL FLASHING LIGHT

ENTRANCE STAGING AND CONSTRUCTION NOTES

1. CONSTRUCTION FOR TWO PHASE ENTRANCES SHALL BE COMPLETED AND FULLY OPEN TO TRAFFIC WITHIN A MAXIMUM OF 10 CALENDAR DAYS. CONSTRUCTION FOR THREE PHASE ENTRANCES SHALL BE COMPLETED AND FULLY OPEN TO TRAFFIC WITHIN A MAXIMUM OF 14 CALENDAR DAYS. HIGH EARLY STRENGTH CONCRETE MAY BE NEEDED FOR THE CURB AND GUTTER TO MEET THESE REQUIREMENTS. THE COST FOR THIS SHALL BE INCLUDED IN THE COST FOR CURB AND GUTTER OF THE TYPE SPECIFIED. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED.
2. A MINIMUM TWO FOOT SEPARATION BETWEEN THE WORK ZONE AND TRAFFIC SHALL BE MAINTAINED WHEN WORKERS ARE PRESENT.
3. LANE WIDTH(S) SHALL BE A MINIMUM OF 8 FEET WHEN WORKERS ARE PRESENT AND 10 FEET ALL OTHER HOURS. DRUMS MAY BE RELOCATED TO JUST INSIDE THE WORK ZONE IN ORDER TO ACHIEVE THE LANE WIDTH REQUIREMENT WHEN WORKERS ARE NOT PRESENT. TEMPORARY ACCESS SHALL BE UTILIZED FOR ENTRANCES THAT CANNOT MEET THESE REQUIREMENTS. A MINIMUM OF 1 FOOT BETWEEN THE WORK ZONE AND TRAFFIC SHALL BE PROVIDED AT ALL TIMES.
4. FLAGGERS SHALL BE UTILIZED FOR ANY ENTRANCE CONSTRUCTION REQUIRING TWO-WAY ONE LANE ACCESS AND AS DIRECTED BY THE ENGINEER IN ORDER TO MAINTAIN SAFE ACCESS TO AND FROM ALL PROPERTIES.
5. ENTRANCE AREAS WHICH ARE NOT IMPACTED BY THE WORKZONE SHALL HAVE THE EXISTING WIDTH MAINTAINED.
6. THE ENGINEER AND ALL AFFECTED PROPERTY OWNERS SHALL BE CONTACTED IN WRITING A MINIMUM OF 14 CALENDAR DAYS BEFORE ANY TRAFFIC CONTROL DEVICES CAN BE SET UP OR CONSTRUCTION ACTIVITIES CAN OCCUR IN THE VICINITY OF THE ENTRANCE.
7. THE TIMING OF ENTRANCE CONSTRUCTION SHALL BE COORDINATED WITH THE PROPERTY OWNERS IN ORDER TO NOT PREVENT ANY DELIVERY TRUCKS OR OTHER LARGE VEHICLES FROM ACCESSING THE PROPERTY WHEN REQUIRED. THE PLACEMENT OF TEMPORARY STONE MAY BE USED TO ALLOW DELIVERY VEHICLES TO MAKE THE REQUIRED TURNING MOVEMENTS THROUGH THE ENTRANCE DURING THE ENTRANCE CONSTRUCTION STAGING. ALL TEMPORARY ACCESS STONE SHALL BE APPROVED BY THE ENGINEER AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY ACCESS (COMMERCIAL ENTRANCE) (X4022000). EACH ENTRANCE WILL ONLY BE PAID FOR ONE TIME. MULTIPLE TEMPORARY ACCESS SETUPS AT THE SAME LOCATION WILL BE PAID AS A TOTAL OF 1 EACH.

ENTRANCE STAGING REQUIREMENTS

FULL CLOSURE ALLOWED

- SEE NOTES BELOW
- 59+75 LT
- 64+00 RT
- 64+75 RT
- 66+50 LT
- 66+75 RT
- 68+25 LT
- 71+00 LT
- 72+25 LT
- 81+75 LT
- 82+25 RT
- 83+50 RT
- 84+00 LT
- 90+00 LT
- 93+50 RT
- 55+75 LT - RAND
- 55+75 RT - RAND
- 57+00 RT - RAND
- 57+50 RT - RAND
- 58+50 RT - RAND
- 60+00 RT - RAND
- 61+00 LT - RAND
- 64+00 LT - RAND
- 65+75 LT - RAND
- 66+75 RT - RAND
- 51+25 RT - BALDWIN

TWO PHASE CONSTRUCTION

- 69+00 LT
- 70+00 LT
- 73+00 LT
- 74+00 LT

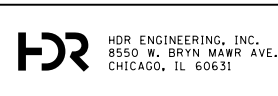
THREE PHASE CONSTRUCTION

- 74+50 RT

SEE MOT STAGING PLAN

- 86+75 LT

- NOTE:
1. AT LEAST ONE ENTRANCE TO PROPERTY TO REMAIN FULLY OPEN AT ALL TIMES FOR "FULL CLOSURE ALLOWED" ENTRANCES.
  2. ALL ENTRANCE LOCATIONS BASED ON THE IL ROUTE 68 ALIGNMENT UNLESS OTHERWISE NOTED.



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 PLOT SCALE = 80.0000' / in.  
 PLOT DATE = 4/22/2019

DESIGNED - JK  
 DRAWING - RR  
 CHECKED - JK  
 DATE -

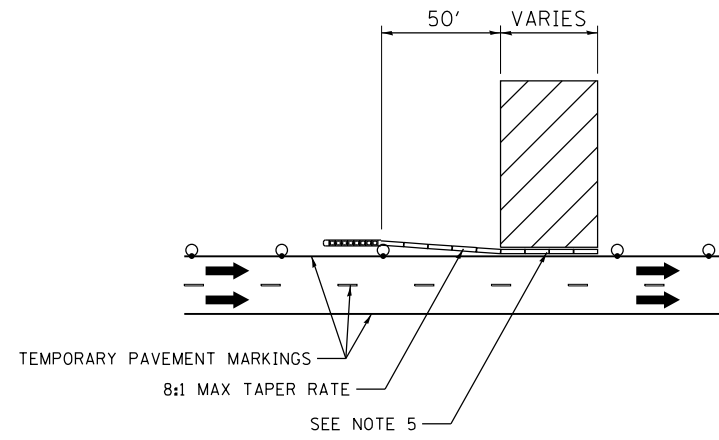
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 DEPARTMENT OF TRANSPORTATION

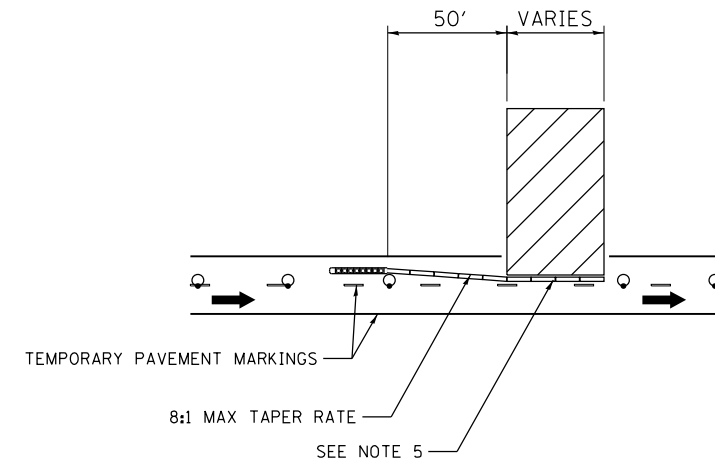
ENTRANCE CONSTRUCTION STAGING  
 STAGING AND TRAFFIC CONTROL DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	65
CONTRACT NO. 62A26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NO LANE CLOSURE



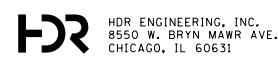
SINGLE LANE CLOSURE

MOT LEGEND

- EXPOSED EXCAVATION
- DIRECTION OF TRAFFIC
- DRUMS WITH MONO-DIRECTIONAL FLASHING LIGHT (SEE MOT PLAN FOR LOCATION AND SPACING)
- TEMPORARY CONCRETE BARRIER (70400100) OR RELOCATE TEMPORARY CONCRETE BARRIER (70400200)
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2 OR IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2

EXPOSED EXCAVATION PROTECTION NOTES

1. EXPOSED SEWER TRENCHES WITHIN 10 FEET OF THE EDGE OF TRAVELED WAY SHALL BE PROTECTED AS SHOWN.
2. BARRIER LENGTHS PROVIDED ARE THE MINIMUM. ALL LENGTHS AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO SETUP.
3. SIGNING AND TRAFFIC CONTROL DEVICES SHALL BE PROVIDED AS SHOWN IN THE MOT PLAN.
4. SEE MOT NOTES AND SPECIAL PROVISIONS FOR SINGLE LANE CLOSURE REQUIREMENTS.
5. SECTIONS OF TEMPORARY CONCRETE BARRIER ADJACENT TO THE EXCAVATION AND TEMPORARY IMPACT ATTENUATORS SHALL BE PINNED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.



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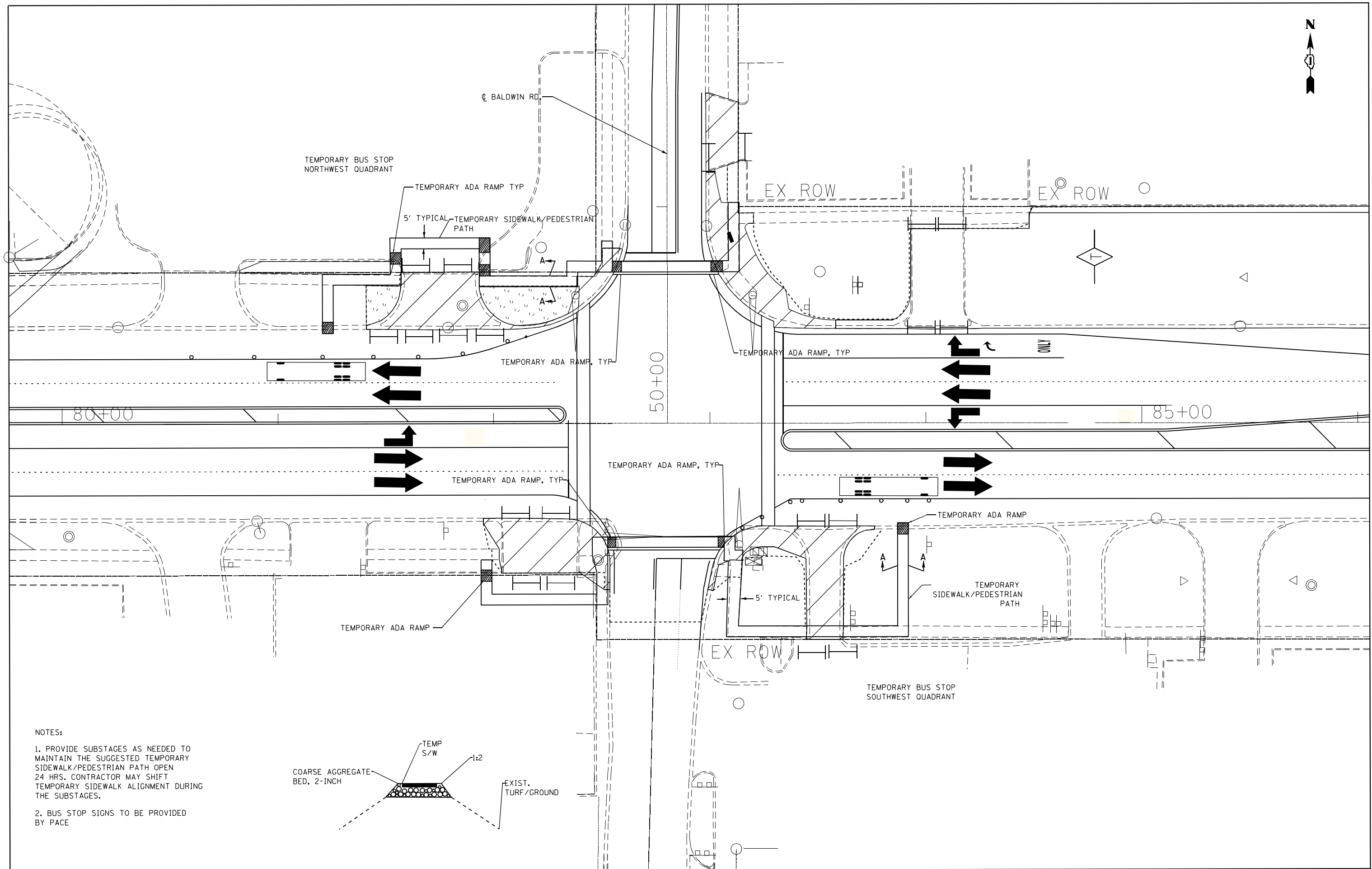
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PLOT DATE = 4/22/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SEWER TRENCH PROTECTION  
STAGING AND TRAFFIC CONTROL DETAIL**

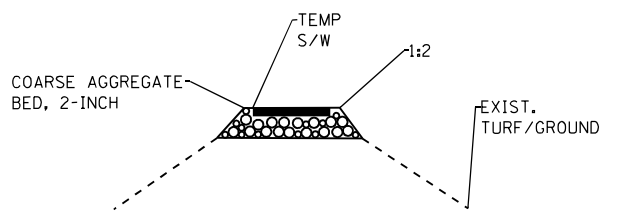
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	65A
<b>CONTRACT NO. 62A26</b>				
<small>FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT</small>				



**NOTES:**

1. PROVIDE SUBSTAGES AS NEEDED TO MAINTAIN THE SUGGESTED TEMPORARY SIDEWALK/PEDESTRIAN PATH OPEN 24 HRS. CONTRACTOR MAY SHIFT TEMPORARY SIDEWALK ALIGNMENT DURING THE SUBSTAGES.
2. BUS STOP SIGNS TO BE PROVIDED BY PACE



USER NAME = Guest.2	DESIGNED - RDT	REVISED -
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PLOT DATE = 2/13/2019	CHECKED - MHL	REVISED -
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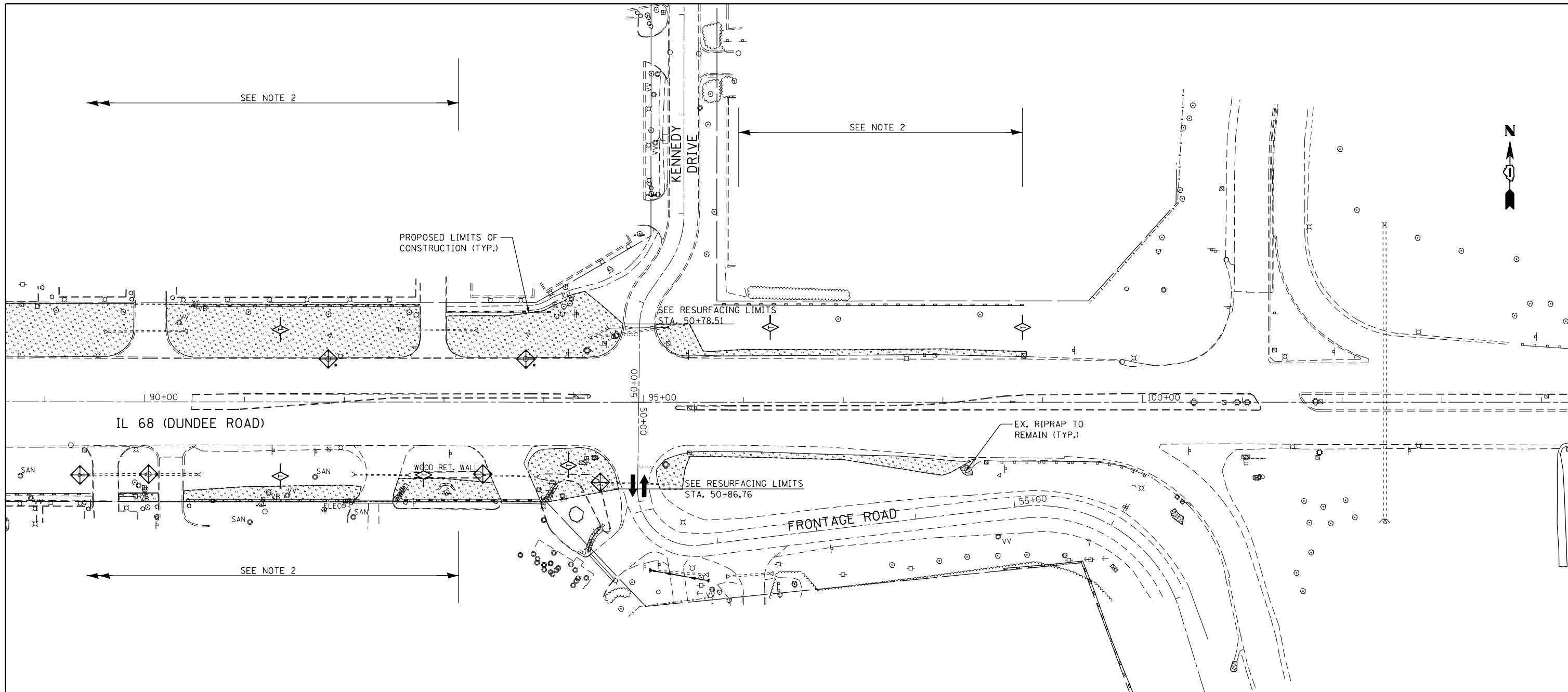
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

IL 68/Baldwin Rd Temporary Bus Stop - Stage 1

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	658
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				





- NOTES:**
1. NOT USED
  2. CONTRACTOR SHALL COORDINATE THE MAINLINE STAGES AND ASSURE THAT THE PROPOSED EROSION AND SEDIMENT CONTROL MEASURES ARE COMPATIBLE AND FUNCTIONING AS INTENDED THROUGH OUT THE PROJECT LIMITS.

- LEGEND**
- BELOW GRATE INLET FILTER
  - INLET AND PIPE PROTECTION
  - PERIMETER EROSION BARRIER
  - TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
  - TEMPORARY DITCH CHECK



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PLOT SCALE = 100.0000' / in.	DRAWN - RDT	REVISED -
PLOT DATE = 2/13/2019	CHECKED - MHL	REVISED -
	DATE - 10/01/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FRONTAGE ROAD  
EROSION AND SEDIMENT CONTROL PLAN - PRESTAGE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	66
<b>CONTRACT NO. 62A26</b>				

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SCALE: 1"=50' SHEET 1 OF 14 SHEETS STA. TO STA.






ILLINOIS FED. AID PROJECT

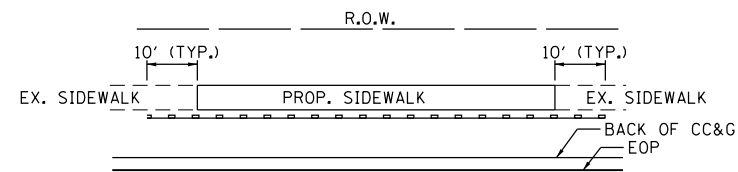
**NOTES:**

- SEE MAINTENANCE OF TRAFFIC SEQUENCING NOTES AND STAGING AND TRAFFIC CONTROL PLANS FOR ADDITIONAL EXPLANATION OF THE CONSTRUCTION WORK PERFORMED AND WORK ZONE LIMITS.
- ALL EROSION AND SEDIMENT CONTROL 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.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
- THE CONTRACTOR SHALL CHECK ALL EROSION AND SEDIMENT CONTROL 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.
- THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER 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 EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION.

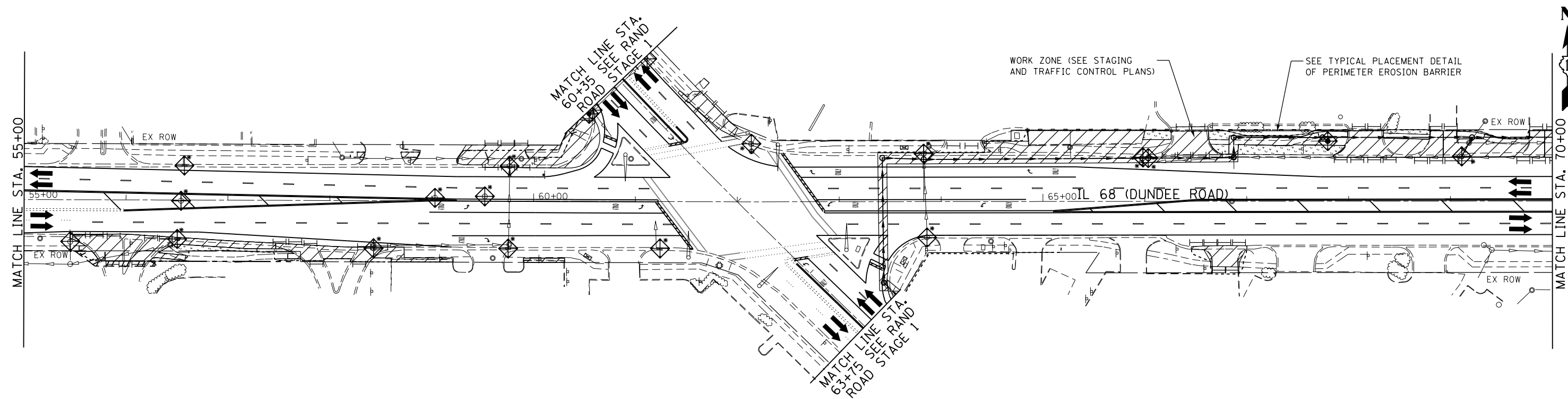
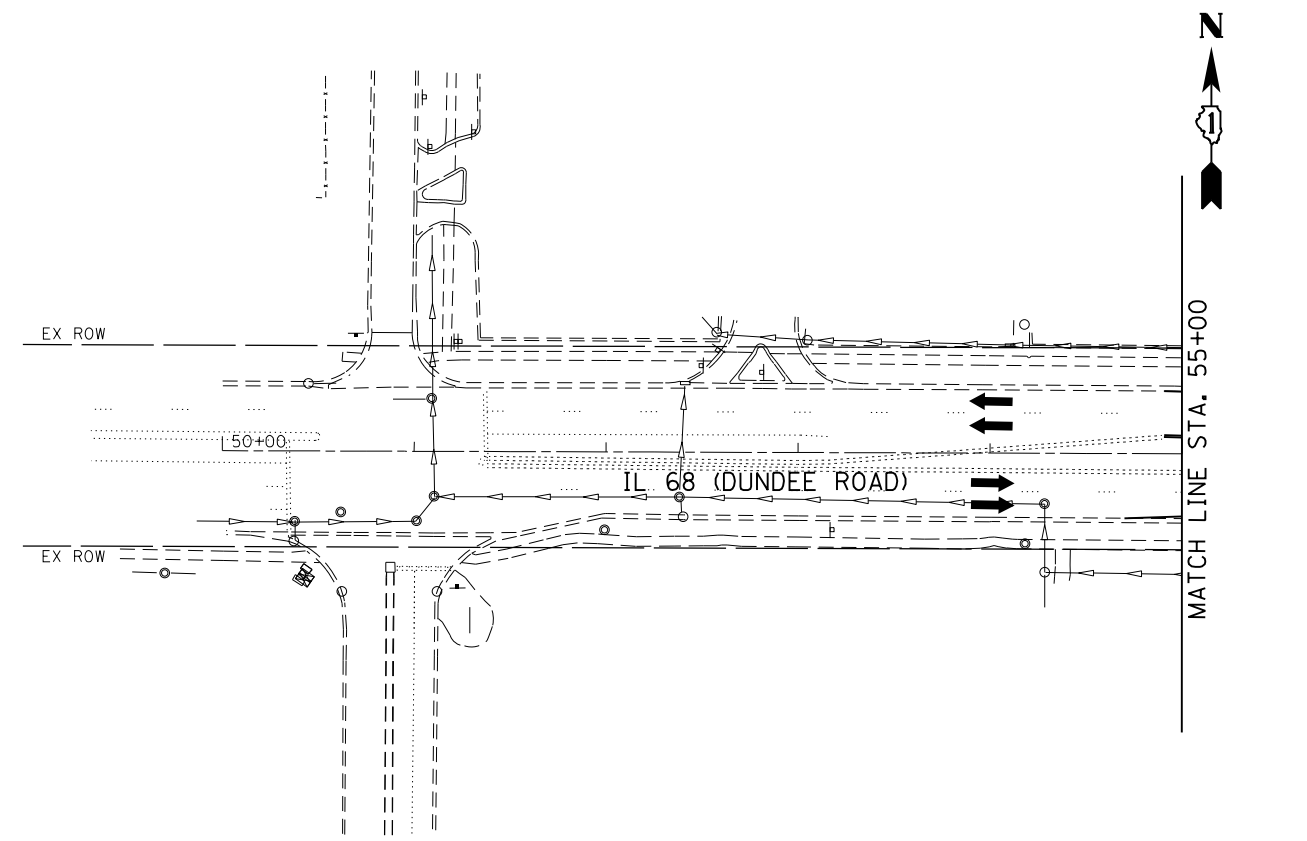
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICES OF EROSION AND SEDIMENT CONTROL PAY ITEMS.
- 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.
- UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG THE FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED/SODDED AT ONE TIME.
- 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 RESIDENT ENGINEER.

**LEGEND**

-  BELOW GRATE INLET FILTER
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
-  TEMPORARY DITCH CHECK



**TYPICAL PLACEMENT DETAIL OF PERIMETER EROSION BARRIER**

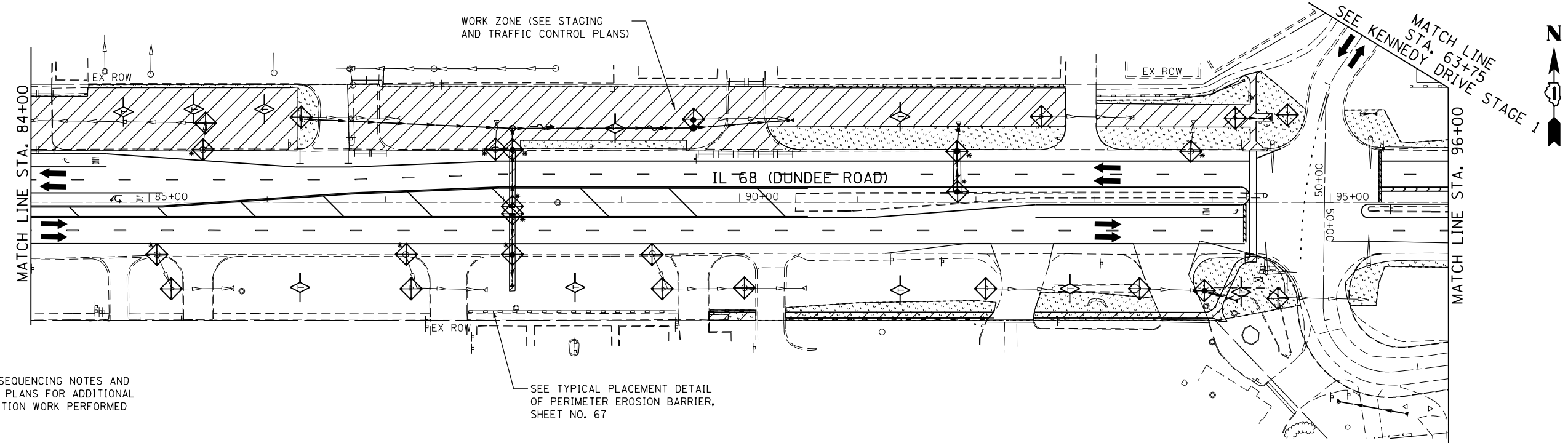
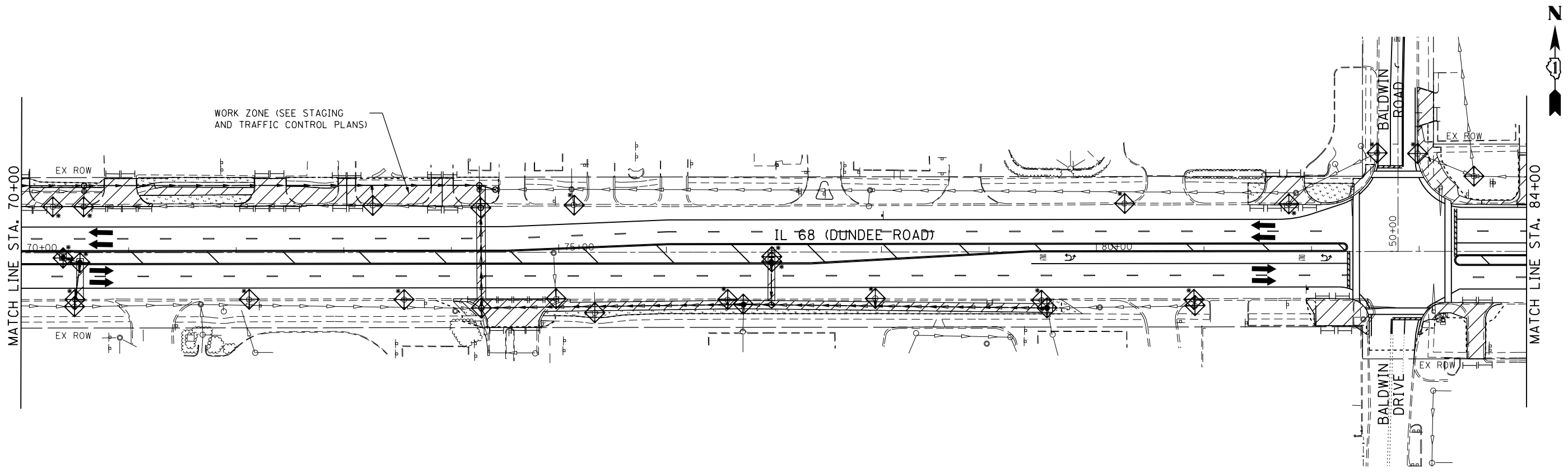


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	DATE - 10/01/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DUNDEE ROAD  
EROSION AND SEDIMENT CONTROL PLAN - STAGE 1**

F.A.P. RTE. 343	SECTION 3041-N-2	COUNTY COOK	TOTAL SHEETS 226	SHEET NO. 67
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				



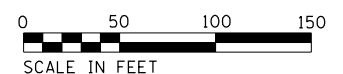
**NOTE:**

- SEE MAINTENANCE OF TRAFFIC SEQUENCING NOTES AND STAGING AND TRAFFIC CONTROL PLANS FOR ADDITIONAL EXPLANATION OF THE CONSTRUCTION WORK PERFORMED AND WORK ZONE LIMITS.

SEE TYPICAL PLACEMENT DETAIL OF PERIMETER EROSION BARRIER, SHEET NO. 67

**LEGEND**

- BELOW GRATE INLET FILTER
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
- TEMPORARY DITCH CHECK



USER NAME = Guest\_2  
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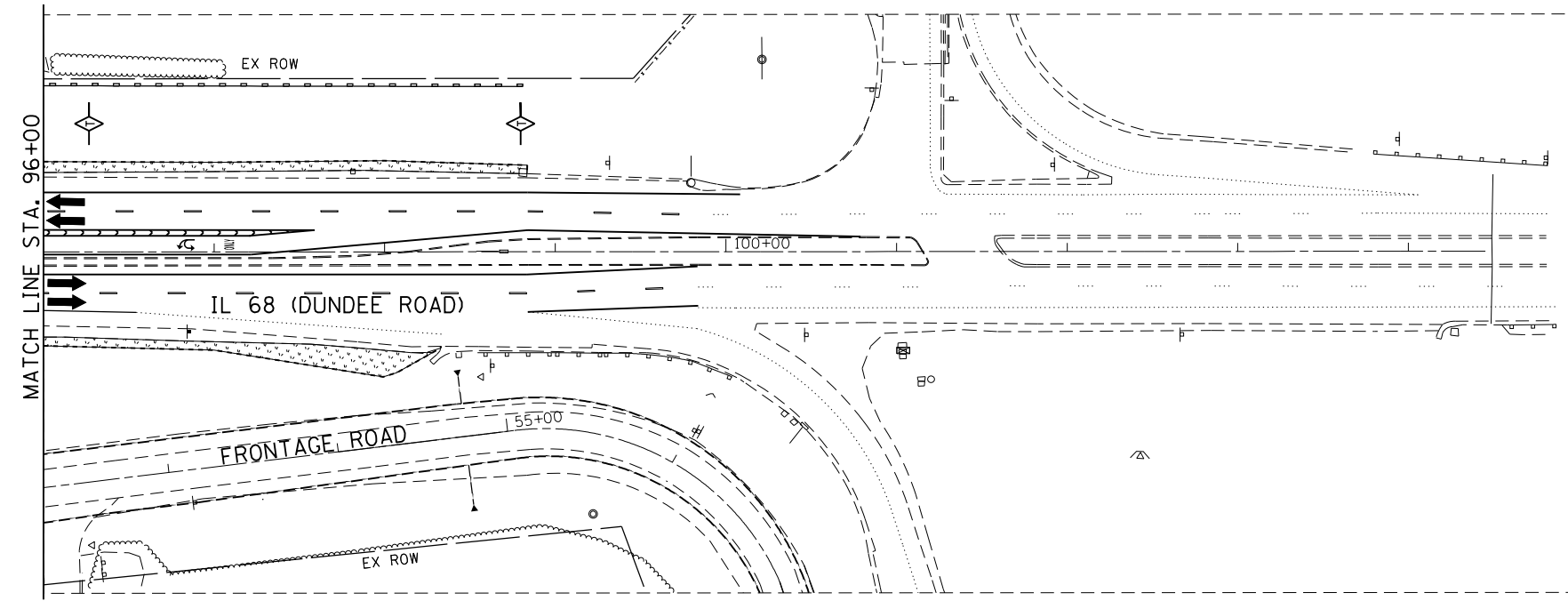
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DUNDEE ROAD  
 EROSION AND SEDIMENT CONTROL PLAN - STAGE 1**

SCALE: 1"=50' SHEET 3 OF 14 SHEETS STA. TO STA.






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				CONTRACT NO. 62A26
ILLINOIS FED. AID PROJECT				

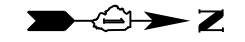


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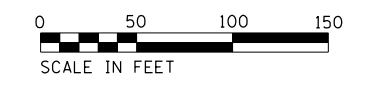
1. SEE MAINTENANCE OF TRAFFIC SEQUENCING NOTES AND STAGING AND TRAFFIC CONTROL PLANS FOR ADDITIONAL EXPLANATION OF THE CONSTRUCTION WORK PERFORMED AND WORK ZONE LIMITS.

**LEGEND**

-  BELOW GRATE INLET FILTER
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
-  TEMPORARY DITCH CHECK



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

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	PLOT SCALE = 100.0000' / in.	DRAWN - RDT	REVISED -		343	3041-N-2	COOK	226	69			
PLOT DATE = 2/13/2019	CHECKED - MHL	REVISED -	SCALE: 1"=50'		SHEET 4 OF 14 SHEETS	STA. TO STA.	CONTRACT NO. 62A26					
	DATE - 10/01/17	REVISED -	ILLINOIS FED. AID PROJECT									

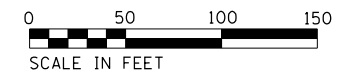
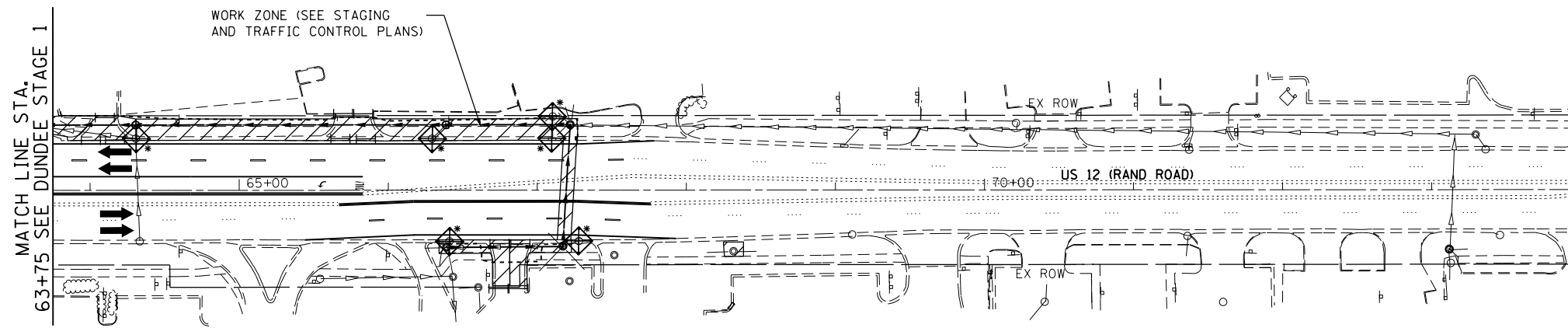
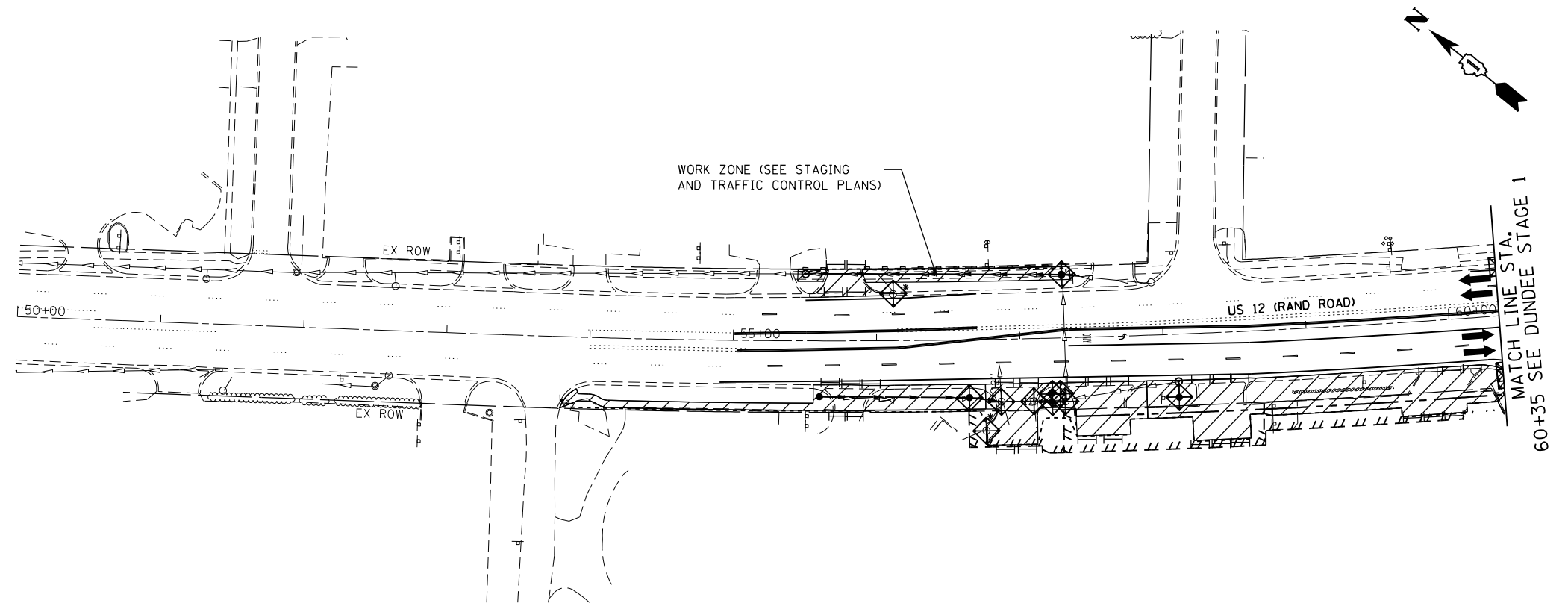
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**NOTE:**

1. SEE MAINTENANCE OF TRAFFIC SEQUENCING NOTES AND STAGING AND TRAFFIC CONTROL PLANS FOR ADDITIONAL EXPLANATION OF THE CONSTRUCTION WORK PERFORMED AND WORK ZONE LIMITS.

**LEGEND**

-  BELOW GRATE INLET FILTER
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
-  TEMPORARY DITCH CHECK



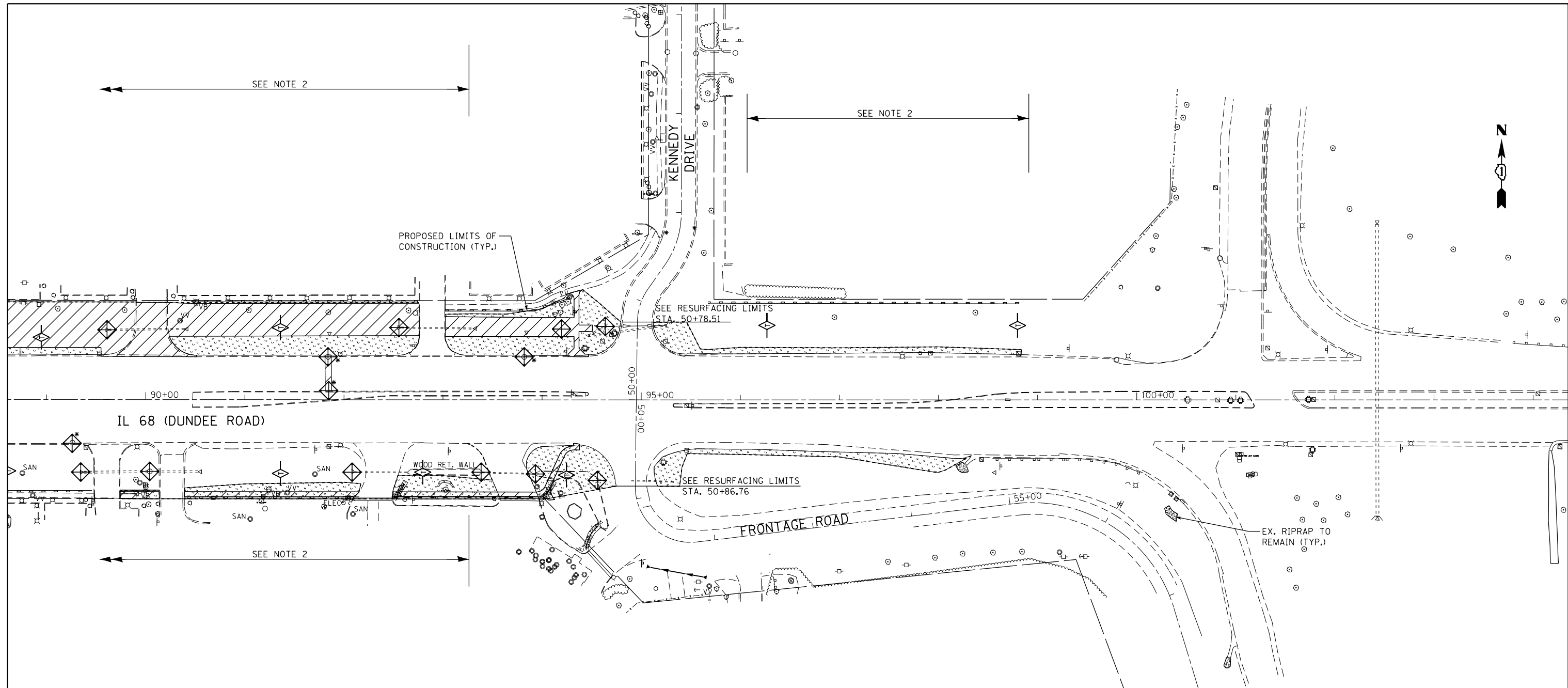
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PLOT SCALE = 100.0000' / in.	DATE - 08/02/17	REVISED -
PLOT DATE = 2/13/2019		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RAND ROAD  
EROSION AND SEDIMENT CONTROL PLAN - STAGE 1**

SCALE: 1"=50'    SHEET 5 OF 14 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	70
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

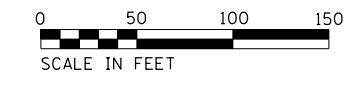


**NOTES:**

1. NOT USED
2. CONTRACTOR SHALL COORDINATE THE MAINLINE STAGES AND ASSURE THAT THE PROPOSED EROSION AND SEDIMENT CONTROL MEASURES ARE COMPATIBLE AND FUNCTIONING AS INTENDED THROUGH OUT THE PROJECT LIMITS.

**LEGEND**

- BELOW GRADE INLET FILTER
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
- TEMPORARY DITCH CHECK



USER NAME = Guest_2	DESIGNED - RDT	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - RDT	REVISED -
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	DATE - 10/01/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

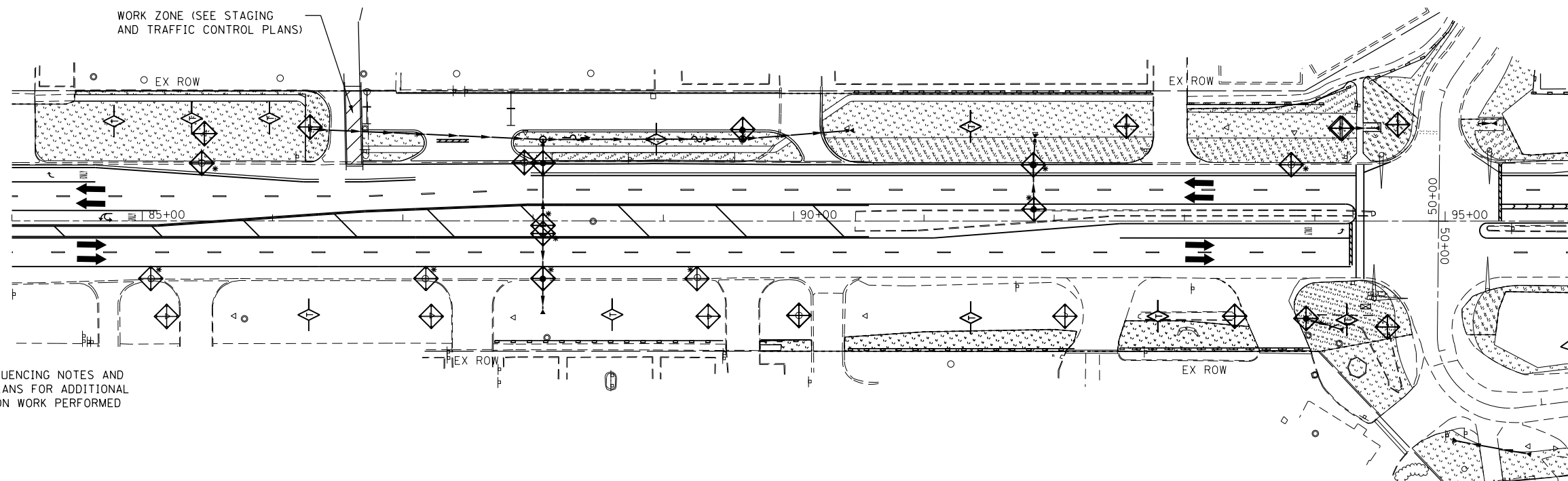
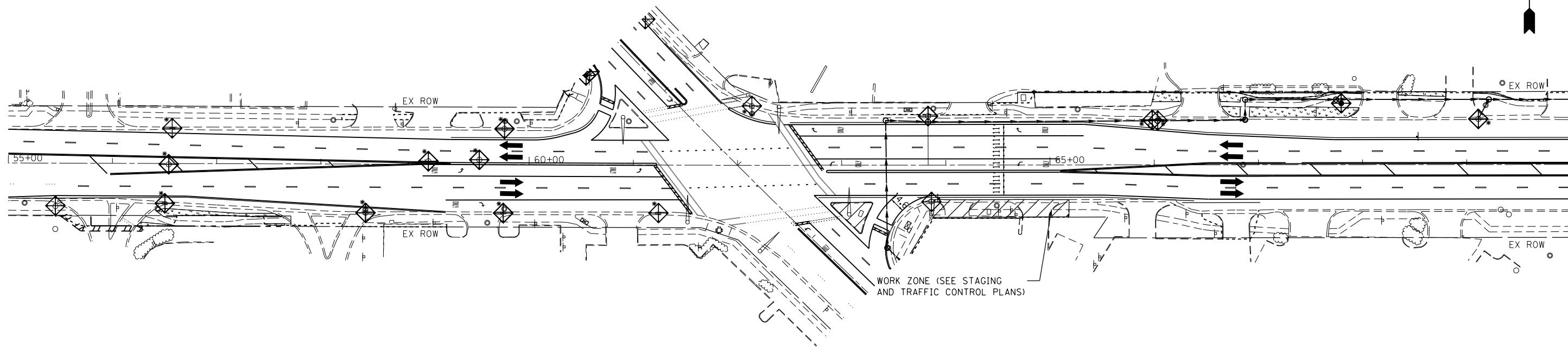
**FRONTAGE ROAD  
EROSION AND SEDIMENT CONTROL PLAN - STAGE 1**

SCALE: 1"=50'    SHEET 5 OF 14 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	71
<b>CONTRACT NO. 62A26</b>				

ILLINOIS FED. AID PROJECT

FILE NAME = D162A26-SHT\_EROS.FRONTAGE.S1.DGN  
Default



**NOTE:**

1. SEE MAINTENANCE OF TRAFFIC SEQUENCING NOTES AND STAGING AND TRAFFIC CONTROL PLANS FOR ADDITIONAL EXPLANATION OF THE CONSTRUCTION WORK PERFORMED AND WORK ZONE LIMITS.

**LEGEND**

- BELOW GRATE INLET FILTER
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
- TEMPORARY DITCH CHECK



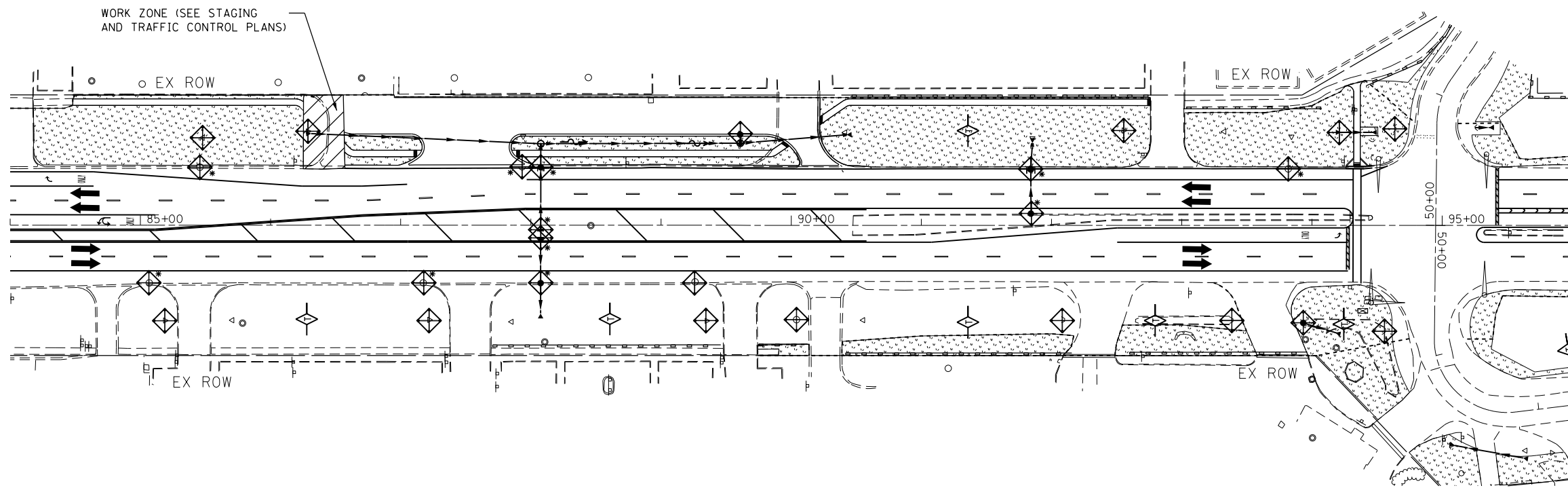
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PLOT DATE = 2/13/2019	DATE - 10/01/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DUNDEE ROAD  
EROSION AND SEDIMENT CONTROL PLAN - STAGE 1A**

SCALE: 1"=50' SHEET 7 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	72
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				



**NOTE:**

1. SEE MAINTENANCE OF TRAFFIC SEQUENCING NOTES AND STAGING AND TRAFFIC CONTROL PLANS FOR ADDITIONAL EXPLANATION OF THE CONSTRUCTION WORK PERFORMED AND WORK ZONE LIMITS.

**LEGEND**

- BELOW GRATE INLET FILTER
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
- TEMPORARY DITCH CHECK



USER NAME = Guest_2	DESIGNED - RDT	REVISED -
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PLOT DATE = 2/13/2019	DATE - 10/01/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DUNDEE ROAD  
EROSION AND SEDIMENT CONTROL PLAN - STAGE 1B**

SCALE: 1"=50'    SHEET 8 OF 14 SHEETS    STA.    TO STA.






F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	73
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

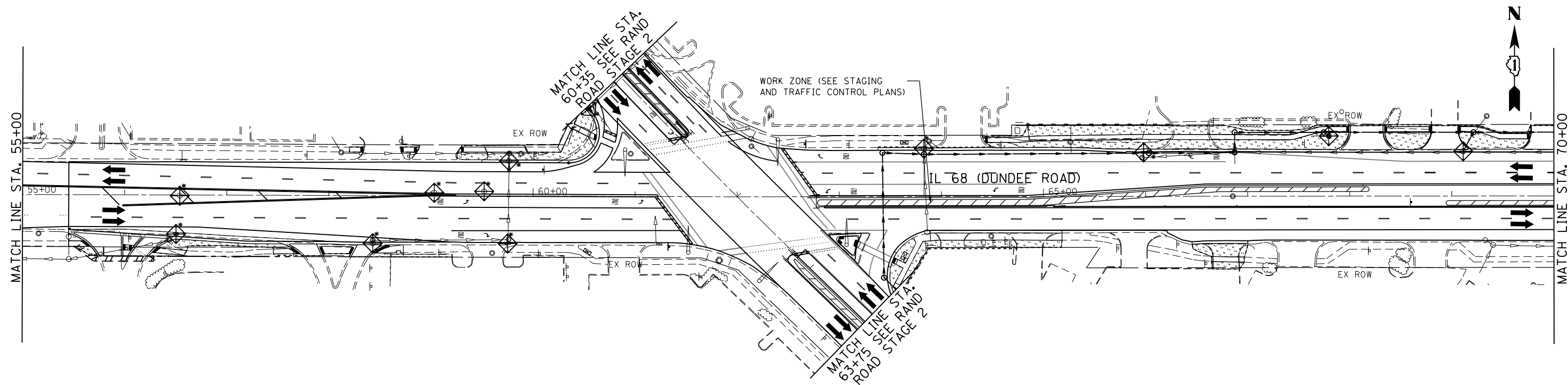
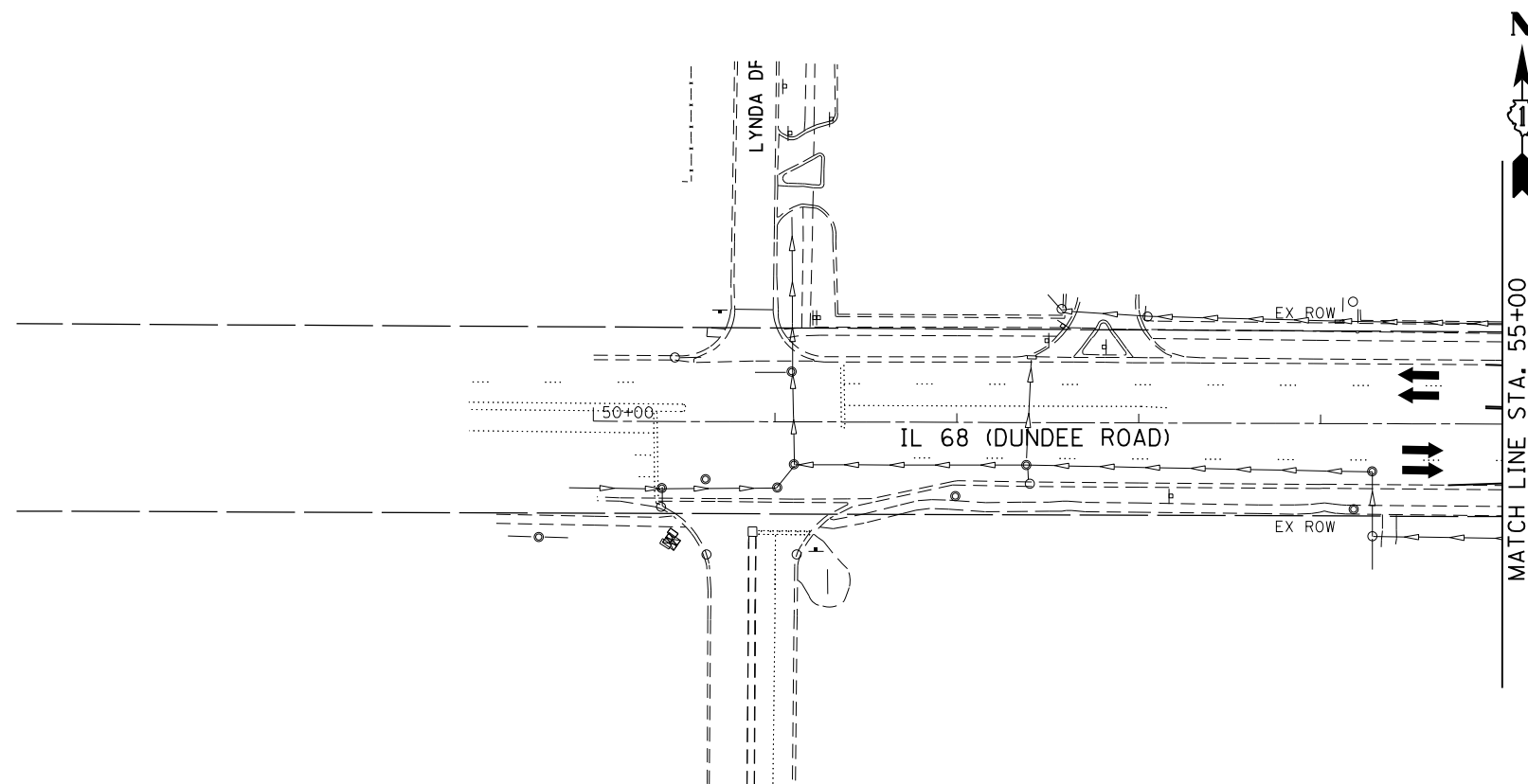


**NOTES:**

1. SEE MAINTENANCE OF TRAFFIC SEQUENCING NOTES AND STAGING AND TRAFFIC CONTROL PLANS FOR ADDITIONAL EXPLANATION OF THE CONSTRUCTION WORK PERFORMED AND WORK ZONE LIMITS.
2. MAINTAIN EROSION CONTROL MEASURES INSTALLED DURING STAGE 1 CONSTRUCTION.
3. PROVIDE PERMANENT SEEDING/SODDING DURING STAGE 3. SEE PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLANS FOR FINAL SEEDING AND SODDING LIMITS.

**LEGEND**

-  BELOW GRATE INLET FILTER
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
-  TEMPORARY DITCH CHECK



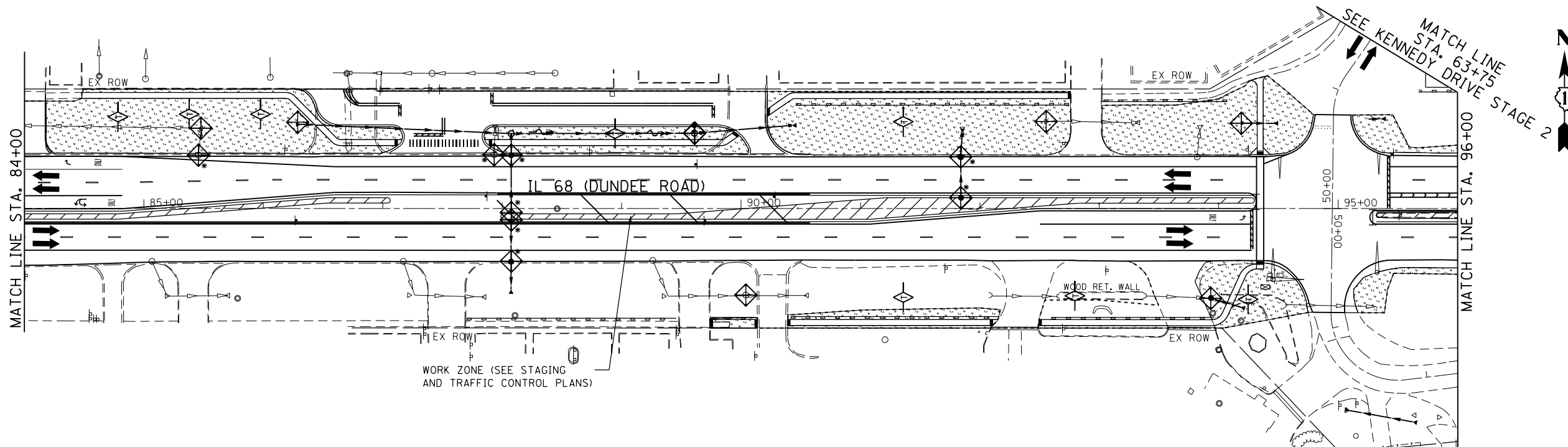
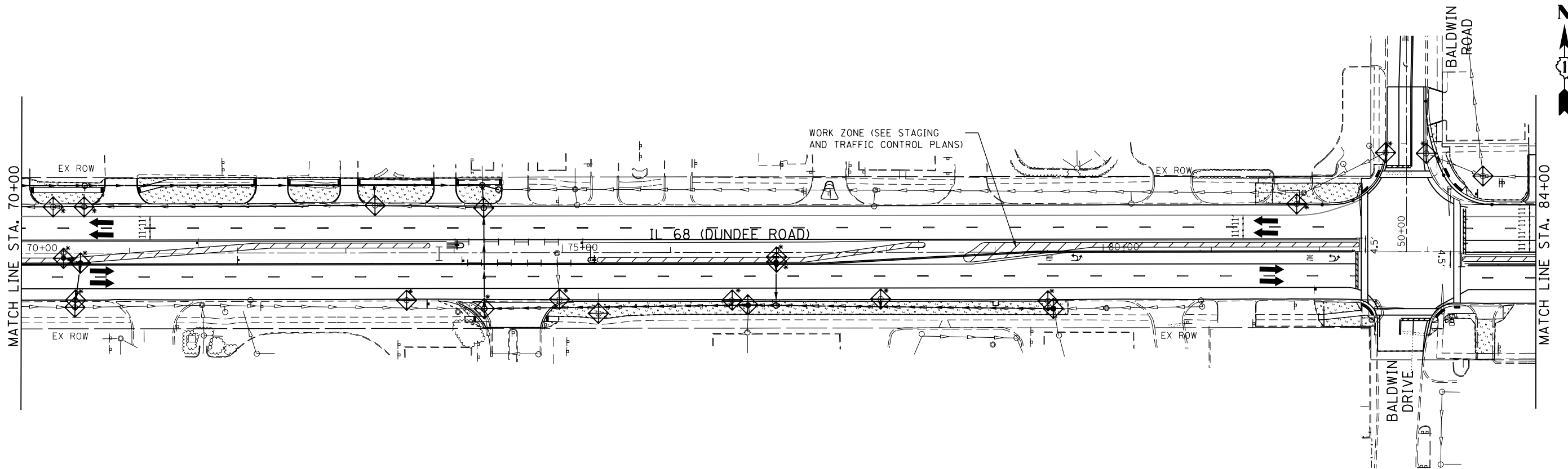
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PLOT DATE = 2/13/2019	DATE - 10/01/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DUNDEE ROAD  
EROSION AND SEDIMENT CONTROL PLAN - STAGE 2**

SCALE: 1"=50' SHEET 9 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	74
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. SEE MAINTENANCE OF TRAFFIC SEQUENCING NOTES AND STAGING AND TRAFFIC CONTROL PLANS FOR ADDITIONAL EXPLANATION OF THE CONSTRUCTION WORK PERFORMED AND WORK ZONE LIMITS.
2. MAINTAIN EROSION CONTROL MEASURES INSTALLED DURING STAGE 1 CONSTRUCTION.
3. PROVIDE PERMANENT SEEDING/SODDING DURING STAGE 3. SEE PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLANS FOR FINAL SEEDING AND SODDING LIMITS.

**LEGEND**

- BELOW GRATE INLET FILTER
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
- TEMPORARY DITCH CHECK



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 DATE - 10/01/17

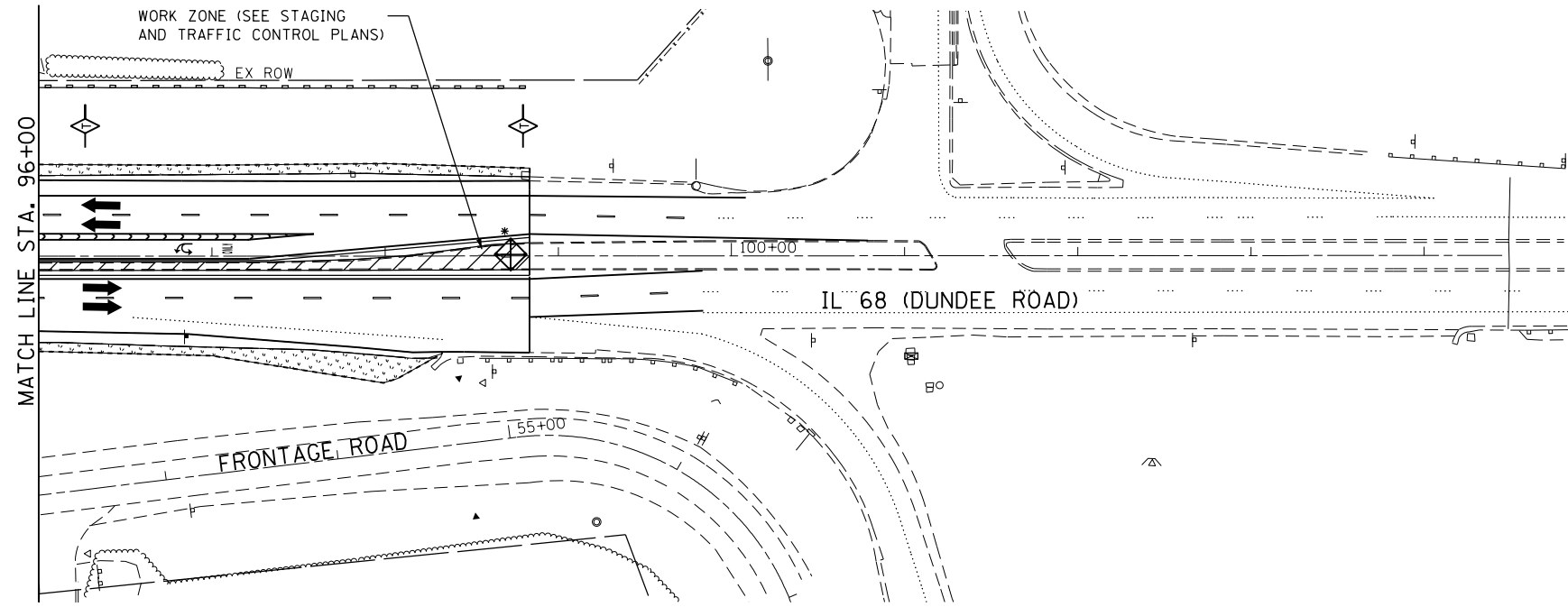
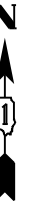
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DUNDEE ROAD  
 EROSION AND SEDIMENT CONTROL PLAN - STAGE 2**

SCALE: 1"=50' SHEET 10 OF 14 SHEETS STA. TO STA.

F.A.P. RTE. 343	SECTION 3041-N-2	COUNTY COOK	TOTAL SHEETS 226	SHEET NO. 75
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				



**NOTES:**

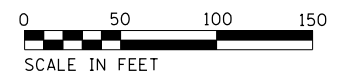
1. SEE MAINTENANCE OF TRAFFIC SEQUENCING NOTES AND STAGING AND TRAFFIC CONTROL PLANS FOR ADDITIONAL EXPLANATION OF THE CONSTRUCTION WORK PERFORMED AND WORK ZONE LIMITS.
2. MAINTAIN EROSION CONTROL MEASURES INSTALLED DURING STAGE 1 CONSTRUCTION.
3. PROVIDE PERMANENT SEEDING/SODDING DURING STAGE 3. SEE PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLANS FOR FINAL SEEDING AND SODDING LIMITS.

**LEGEND**

- BELOW GRATE INLET FILTER
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
- TEMPORARY DITCH CHECK



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	DRAWN - RDT	REVISED -
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PLOT DATE = 2/13/2019	DATE - 10/01/17	REVISED -

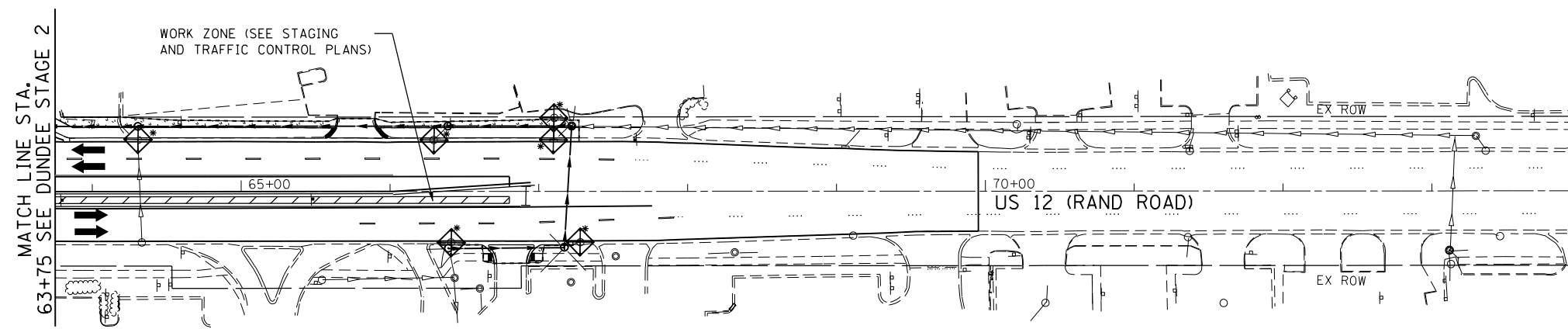
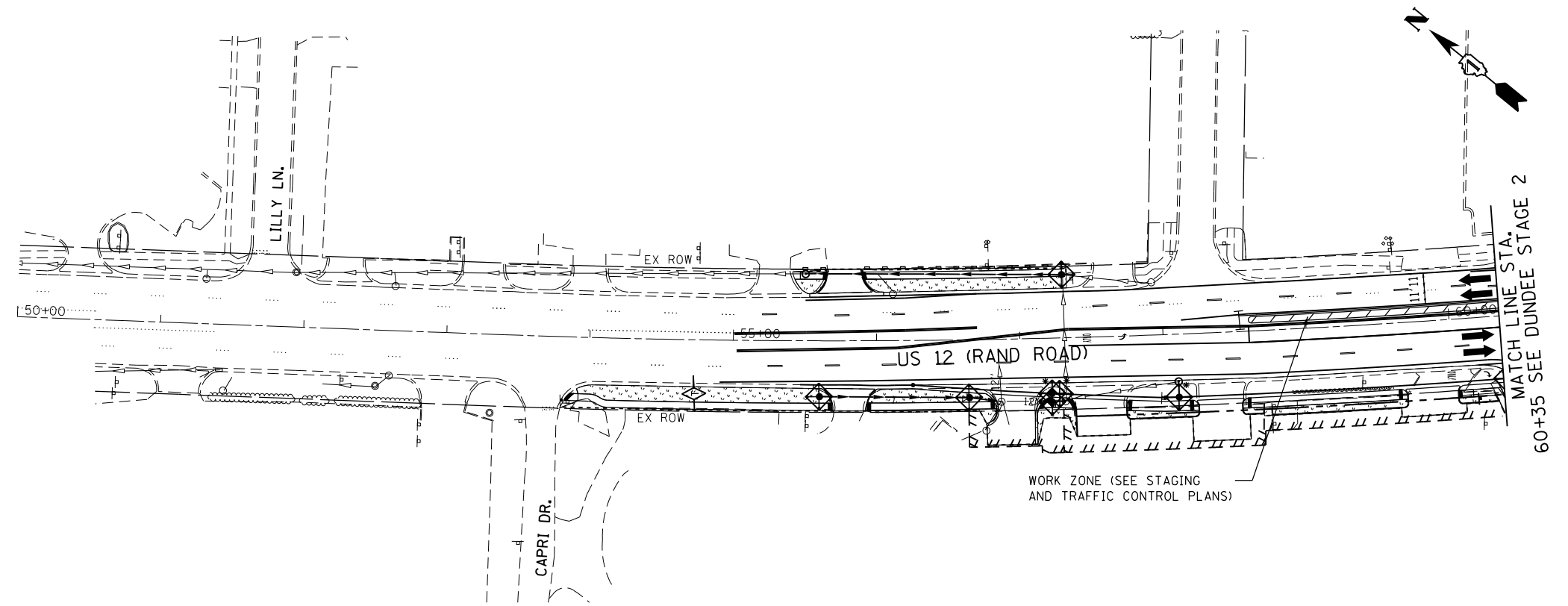
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KENNEDY DRIVE AND DUNDEE ROAD  
EROSION AND SEDIMENT CONTROL PLAN - STAGE 2**

SCALE: 1"=50' SHEET 11 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	76
<b>CONTRACT NO. 62A26</b>				

ILLINOIS FED. AID PROJECT

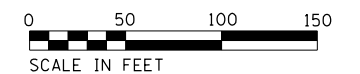


**NOTES:**

1. SEE MAINTENANCE OF TRAFFIC SEQUENCING NOTES AND STAGING AND TRAFFIC CONTROL PLANS FOR ADDITIONAL EXPLANATION OF THE CONSTRUCTION WORK PERFORMED AND WORK ZONE LIMITS.
2. MAINTAIN EROSION CONTROL MEASURES INSTALLED DURING STAGE 1 CONSTRUCTION.
3. PROVIDE PERMANENT SEEDING/SODDING DURING STAGE 3. SEE PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLANS FOR FINAL SEEDING AND SODDING LIMITS.

**LEGEND**

- BELOW GRATE INLET FILTER
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
- TEMPORARY DITCH CHECK



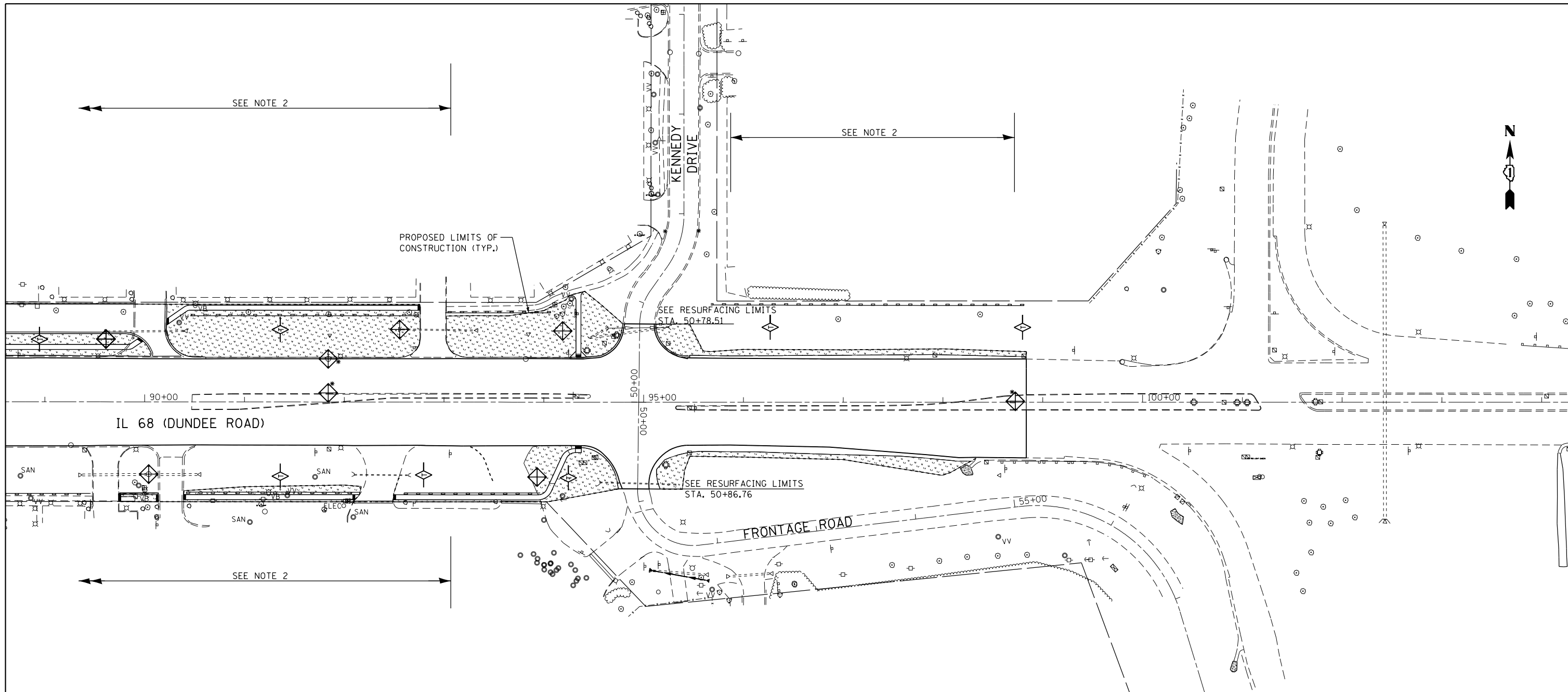
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PLOT DATE = 2/13/2019	DATE - 10/01/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**






**RAND ROAD  
EROSION AND SEDIMENT CONTROL PLAN - STAGE 2**

SCALE: 1"=50'    SHEET 12 OF 14 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	77
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES FROM STAGE 1. PROVIDE ADDITIONAL MEASURES AS DIRECTED BY THE ENGINEER.
  2. CONTRACTOR SHALL COORDINATE THE MAINLINE AND ASSURE THAT THE PROPOSED EROSION AND SEDIMENT CONTROL MEASURES ARE COMPATIBLE AND FUNCTIONING AS INTENDED THROUGH OUT THE PROJECT LIMITS.

- LEGEND**
-  BELOW GRATE INLET FILTER
  -  INLET AND PIPE PROTECTION
  -  PERIMETER EROSION BARRIER
  -  TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
  -  TEMPORARY DITCH CHECK



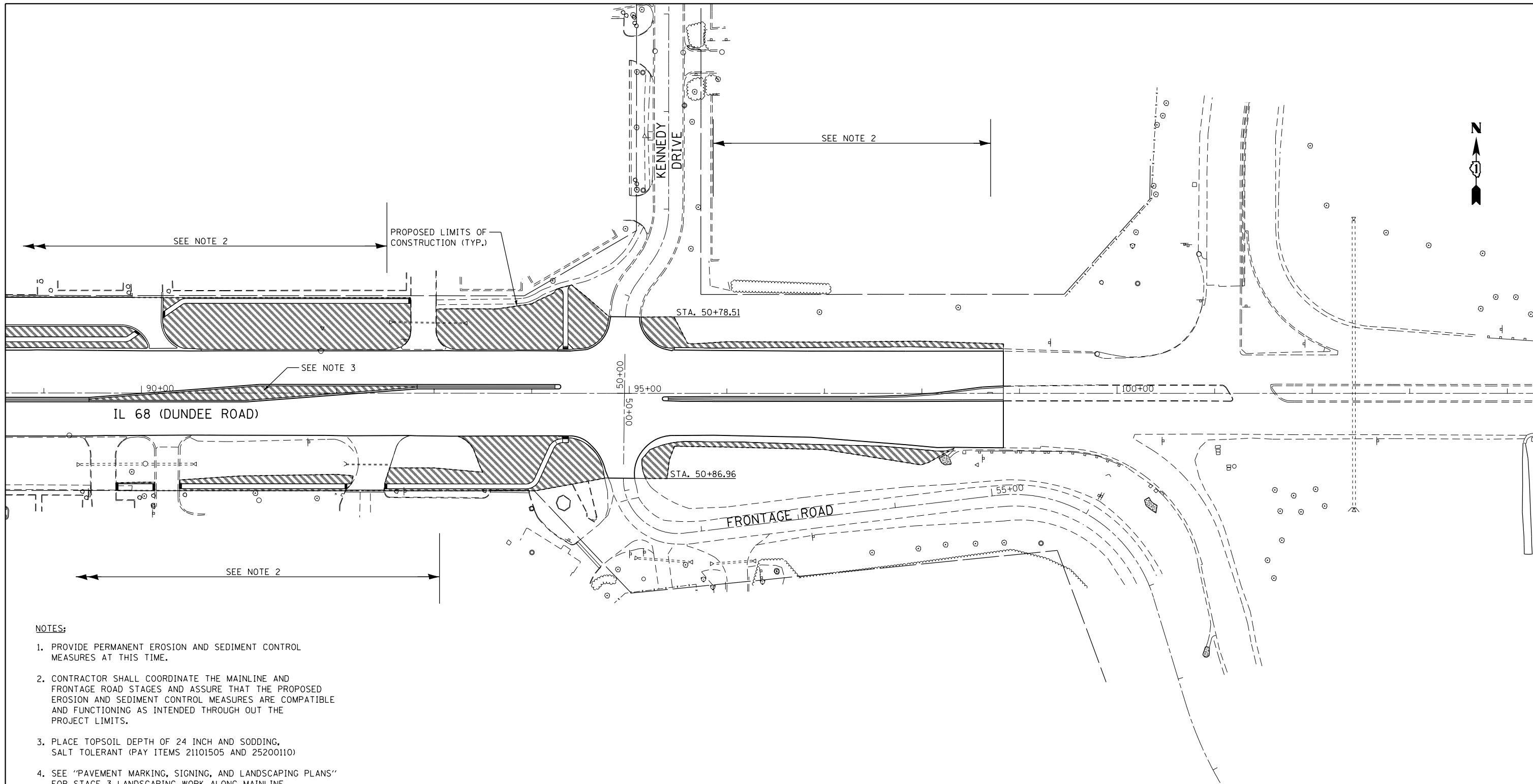
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PLOT DATE = 2/13/2019	DATE - 10/01/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>FRONTAGE ROAD EROSION AND SEDIMENT CONTROL PLAN - STAGE 2</b>	
SCALE: 1"=50'	SHEET 13 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	78
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

FILE NAME = D162A26-SHT\_EROS.FRONTAGE\_S2.DGN  
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**NOTES:**

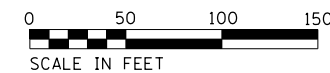
1. PROVIDE PERMANENT EROSION AND SEDIMENT CONTROL MEASURES AT THIS TIME.
2. CONTRACTOR SHALL COORDINATE THE MAINLINE AND FRONTAGE ROAD STAGES AND ASSURE THAT THE PROPOSED EROSION AND SEDIMENT CONTROL MEASURES ARE COMPATIBLE AND FUNCTIONING AS INTENDED THROUGH OUT THE PROJECT LIMITS.
3. PLACE TOPSOIL DEPTH OF 24 INCH AND SODDING, SALT TOLERANT (PAY ITEMS 21101505 AND 25200110)
4. SEE "PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLANS" FOR STAGE 3 LANDSCAPING WORK ALONG MAINLINE.

STAGE 3 STONE RIPRAP AND FILTER FABRIC SCHEDULE

DRAINAGE STRUCTURE NO.	STONE RIPRAP (SQ. YD.)	FILTER FABRIC (SQ. YD.)
S-24	4	4
S-30	4	4
S-32	4	4
S-33	4	4
S-34	4	4

**LEGEND**

- BELOW GRATE INLET FILTER
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING, CLASS 7 / MULCH METHOD 2
- TEMPORARY DITCH CHECK
- PERMANENT SODDING (SODDING, SALT TOLERANT)



USER NAME = Guest\_2  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 2/13/2019

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 CHECKED - MHL  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

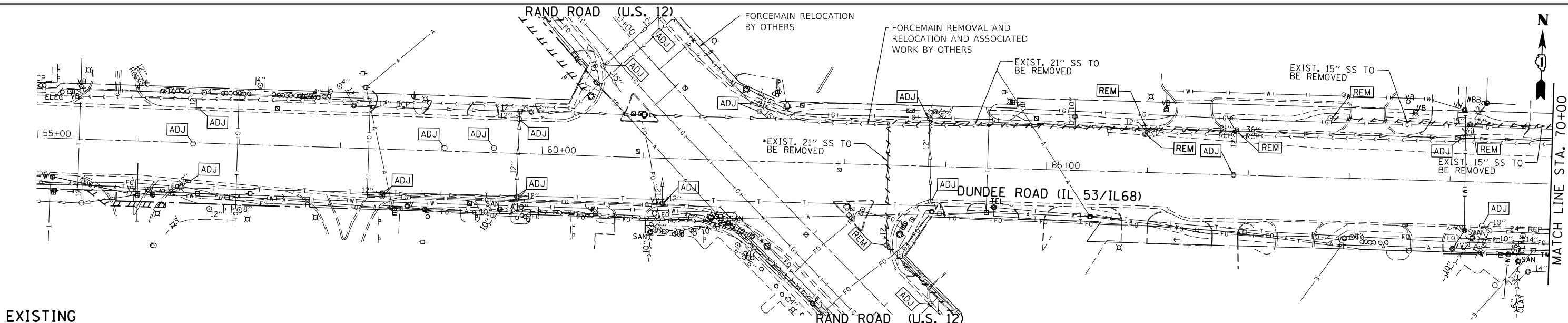
**FRONTAGE ROAD  
 EROSION AND SEDIMENT CONTROL PLAN - STAGE 3**

SCALE: 1"=50' SHEET 14 OF 14 SHEETS STA. TO STA.

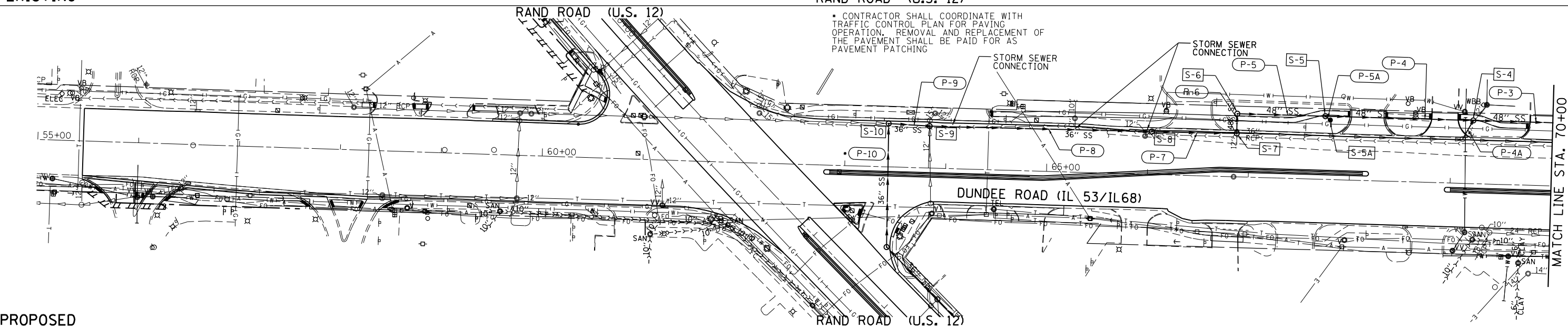
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041-N-2	COOK	226	79
<b>CONTRACT NO. 62A26</b>				
<small>ILLINOIS FED. AID PROJECT</small>				

PLAN	SURVEYED	DATE
	BY	

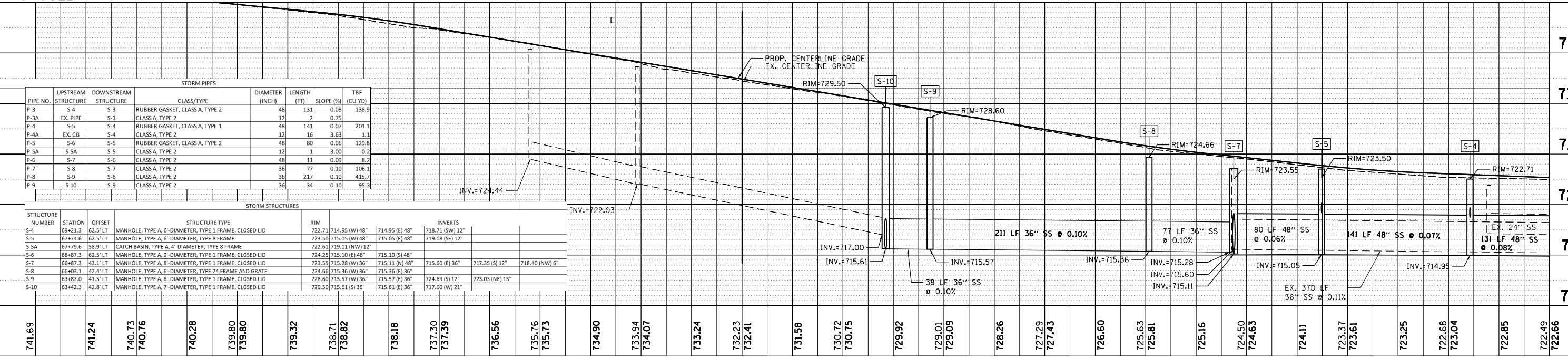
PROFILE	SURVEYED	DATE
	BY	



EXISTING



PROPOSED



PIPE NO.	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	CLASS/TYPE	DIAMETER (INCH)	LENGTH (FT)	SLOPE (%)	TBF (CU YD)
P-3	S-4	S-3	RUBBER GASKET, CLASS A, TYPE 2	48	131	0.08	138.9
P-3A	EX. PIPE	S-3	CLASS A, TYPE 2	12	2	0.75	
P-4	S-5	S-4	RUBBER GASKET, CLASS A, TYPE 1	48	141	0.07	201.1
P-4A	EX. CB	S-4	CLASS A, TYPE 2	12	16	3.63	1.1
P-5	S-6	S-5	RUBBER GASKET, CLASS A, TYPE 2	48	80	0.06	129.8
P-5A	S-5A	S-5	CLASS A, TYPE 2	12	1	3.00	0.2
P-6	S-7	S-6	CLASS A, TYPE 2	48	11	0.09	8.2
P-7	S-8	S-7	CLASS A, TYPE 2	36	77	0.10	106.1
P-8	S-9	S-8	CLASS A, TYPE 2	36	217	0.10	415.7
P-9	S-10	S-9	CLASS A, TYPE 2	36	34	0.10	95.3

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	RIM	INVERTS
S-4	69+21.3	62.5' LT	MANHOLE, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	722.71	714.95 (W) 48" 714.95 (E) 48" 718.71 (SW) 12"
S-5	67+74.6	62.5' LT	MANHOLE, TYPE A, 6'-DIAMETER, TYPE 8 FRAME	723.50	715.05 (W) 48" 715.05 (E) 48" 719.08 (SE) 12"
S-5A	67+79.6	58.9' LT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 FRAME	722.61	719.11 (NW) 12"
S-6	66+87.3	62.5' LT	MANHOLE, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	724.25	715.10 (E) 48" 715.10 (S) 48"
S-7	66+87.3	43.1' LT	MANHOLE, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	723.55	715.28 (W) 36" 715.11 (N) 48" 715.60 (E) 36" 717.35 (S) 12" 718.40 (NW) 6"
S-8	66+03.1	42.4' LT	MANHOLE, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	724.66	715.36 (W) 36" 715.36 (E) 36"
S-9	63+83.0	41.5' LT	MANHOLE, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	728.60	715.57 (W) 36" 715.57 (E) 36" 724.69 (S) 12" 723.03 (NE) 15"
S-10	63+42.3	42.8' LT	MANHOLE, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	729.50	715.61 (S) 36" 715.61 (E) 36" 717.00 (W) 21"

741.69	741.24	740.73	740.76	740.28	739.80	739.80	739.32	738.71	738.82	738.18	737.30	737.39	736.56	735.76	735.73	734.90	733.94	734.07	733.24	732.23	732.41	731.58	730.72	730.75	729.92	729.01	729.09	728.26	727.29	727.43	726.60	725.63	725.81	725.16	724.50	724.63	724.11	723.37	723.61	723.25	722.68	723.04	722.85	722.49	722.66
55+00		56+00		57+00		58+00		59+00		60+00		61+00		62+00		63+00		64+00		65+00		66+00		67+00		68+00		69+00		70+00															

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USER NAME = TThorholm	DESIGNED - TCT	REVISOR = TThorholm
PLOT SCALE = 100:1 (21" / 1")	DRAWN - CFR	DATE = 6/3/2019
PLOT DATE = 5/31/2019	CHECKED - PML	DATE = 2/12/2019
		DATE = 10/10/2017
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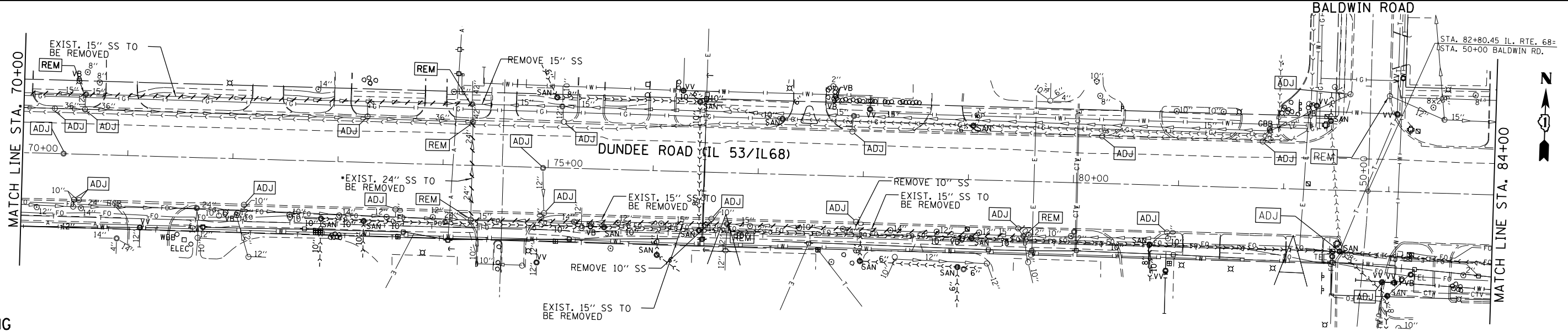
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 53 / IL 68 DRAINAGE AND UTILITIES - 1  
SCALE: HORIZ. 1" = 80' VERT. 1" = 5' SHEET OF SHEETS STA. TO STA.

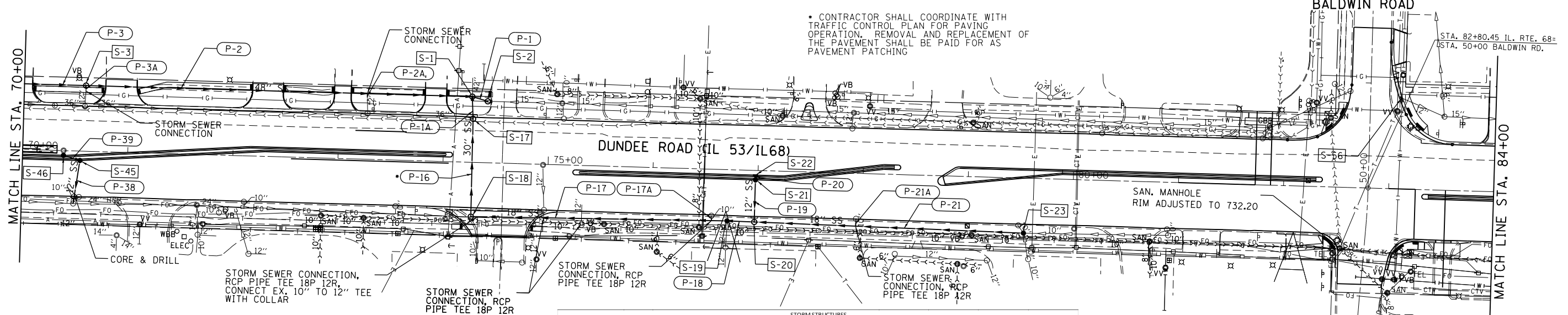
F.A.P. RTE. 343	SECTION 3041-N-2	COUNTY COOK	TOTAL SHEETS 226	SHEET NO. 80
CONTRACT NO. 62A26			ILLINOIS FED. AID PROJECT	

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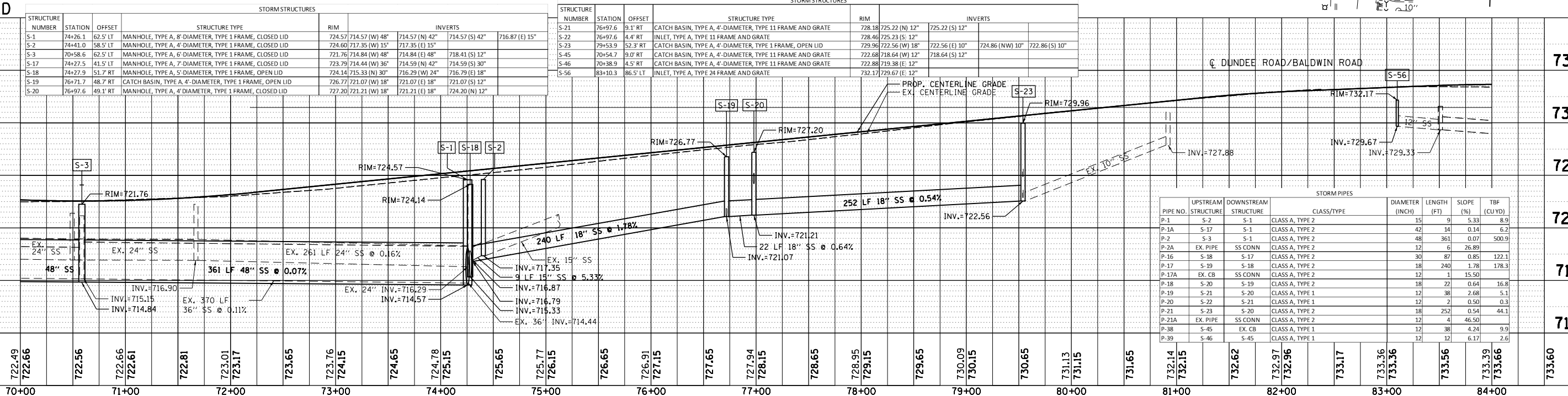
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PROPOSED



STORM STRUCTURES			
STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE
S-1	74+26.1	62.5' LT	MANHOLE, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID
S-2	74+41.0	58.5' LT	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
S-3	70+58.6	62.5' LT	MANHOLE, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID
S-17	74+27.5	41.5' LT	MANHOLE, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID
S-18	74+27.9	51.7' RT	MANHOLE, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S-19	76+71.7	48.7' RT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
S-20	76+97.6	49.1' RT	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

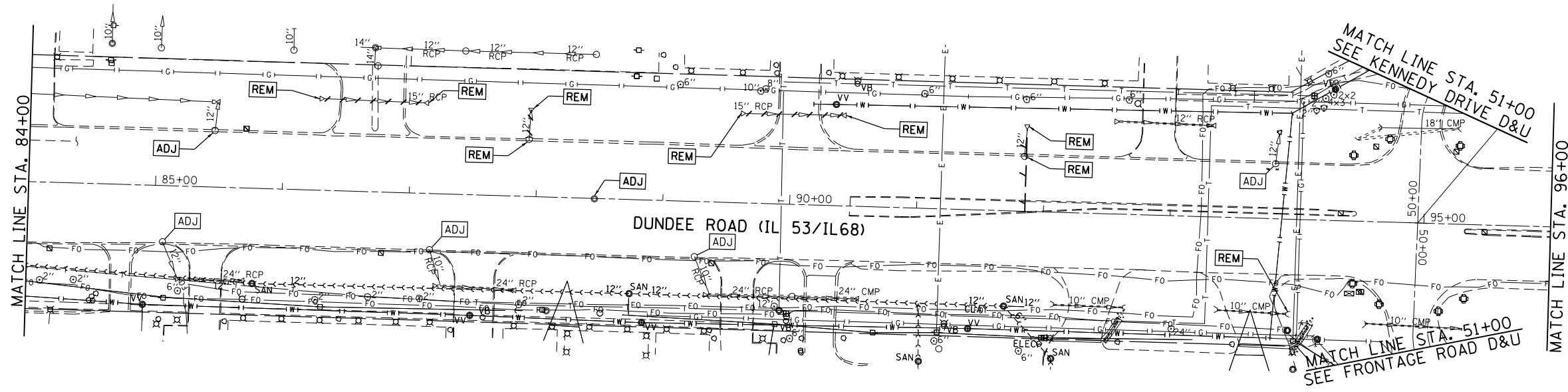
STORM STRUCTURES			
STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE
S-21	76+97.6	9.1' RT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
S-22	76+97.6	4.4' RT	INLET, TYPE A, TYPE 11 FRAME AND GRATE
S-23	79+53.9	52.3' RT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
S-45	70+54.7	9.0' RT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
S-46	70+38.9	4.5' RT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
S-56	83+10.3	86.5' LT	INLET, TYPE A, TYPE 24 FRAME AND GRATE

STORM PIPES						
PIPE NO.	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	CLASS/TYPE	DIAMETER (INCH)	LENGTH (FT)	SLOPE (%)
P-1	S-2	S-1	CLASS A, TYPE 2	15	9	5.33
P-1A	S-17	S-1	CLASS A, TYPE 2	42	14	0.14
P-2	S-3	S-1	CLASS A, TYPE 2	48	361	0.07
P-2A	EX. PIPE	SS CONN	CLASS A, TYPE 2	12	6	26.89
P-16	S-18	S-17	CLASS A, TYPE 2	30	87	0.85
P-17	S-19	S-18	CLASS A, TYPE 2	18	240	1.78
P-17A	EX. CB	SS CONN	CLASS A, TYPE 2	12	1	15.50
P-18	S-20	S-19	CLASS A, TYPE 2	18	22	0.64
P-19	S-21	S-20	CLASS A, TYPE 1	12	38	2.68
P-20	S-22	S-21	CLASS A, TYPE 1	12	2	0.50
P-21	S-23	S-20	CLASS A, TYPE 2	18	252	0.54
P-21A	EX. PIPE	SS CONN	CLASS A, TYPE 2	12	4	46.50
P-38	S-45	EX. CB	CLASS A, TYPE 1	12	38	4.24
P-39	S-46	S-45	CLASS A, TYPE 1	12	12	6.17

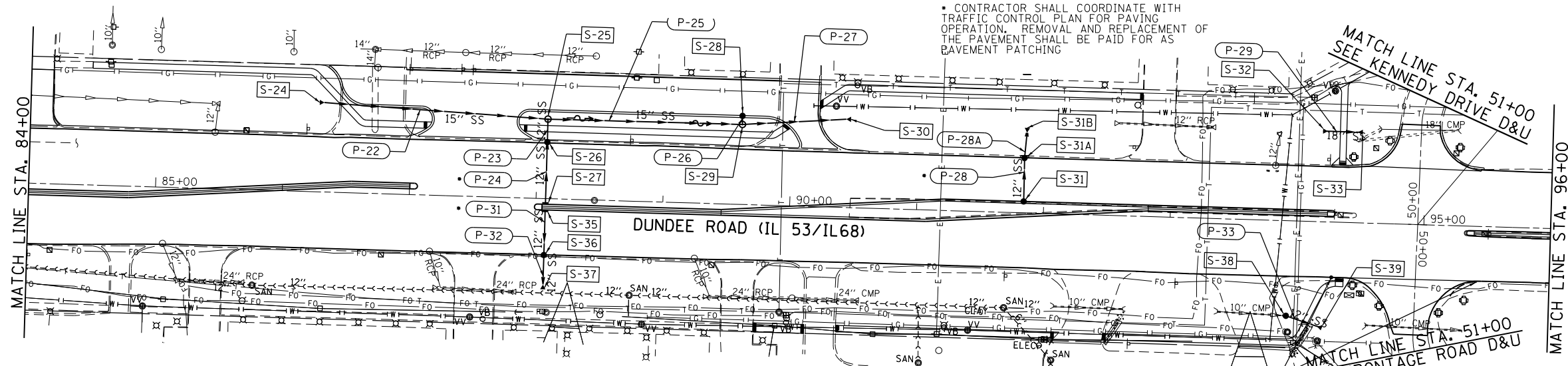


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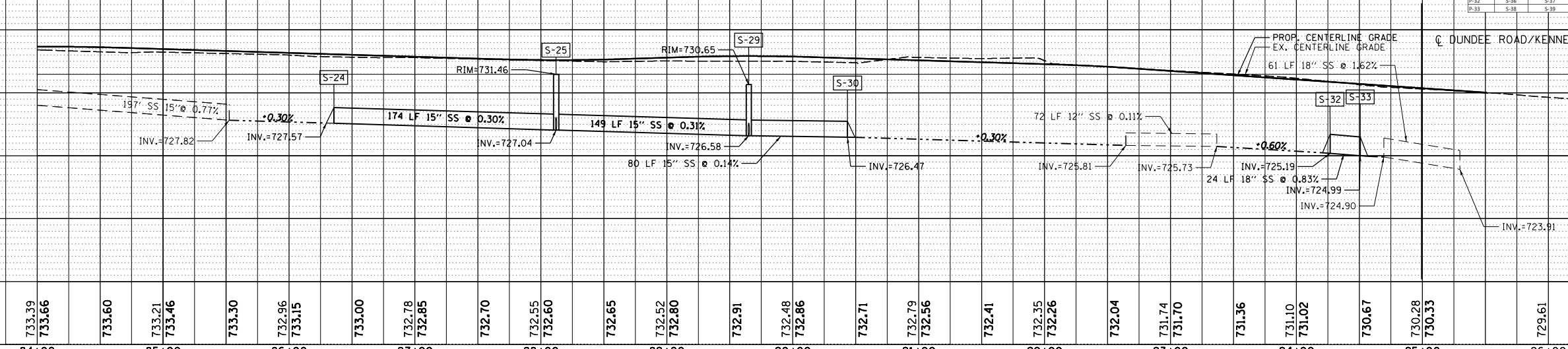


PROPOSED

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	RIM	INVERTS
S-24	86+31.1	70.0' LT	PRECAST REINFORCED CONCRETE FLARED END SECTION, 15"	727.57 (E) 15"	727.57 (E) 15"
S-25	86+07.6	10.4' LT	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, 11' HIGH, 11'	731.86 (727.16 (W) 15"	727.16 (E) 15"
S-26	88+07.6	44.5' LT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	731.80 (728.00 (N) 12"	728.00 (S) 12"
S-27	88+07.6	3.6' RT	INLET, TYPE A, TYPE 11 FRAME AND GRATE	732.70 (729.70 (N) 12"	729.70 (S) 12"
S-28	89+60.8	69.7' LT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	731.30 (727.62 (S) 12"	727.62 (S) 12"
S-29	89+60.8	63.0' LT	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	730.65 (726.58 (W) 15"	726.58 (E) 15"
S-30	90+42.6	70.0' LT	PRECAST REINFORCED CONCRETE FLARED END SECTION, 15"	728.47 (W) 15"	728.47 (W) 15"
S-31	91+84.3	0.9' LT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	732.31 (729.31 (N) 12"	729.31 (S) 12"
S-31A	91+84.3	43.2' LT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	731.33 (727.46 (N) 12"	727.46 (S) 12"

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	RIM	INVERTS
S-31B	91+85.3	43.2' LT	PRECAST REINFORCED CONCRETE FLARED END SECTION, 12"	726.04 (S) 12"	726.04 (S) 12"
S-32	94+23.2	71.4' LT	PRECAST REINFORCED CONCRETE FLARED END SECTION, 18"	724.19 (E) 18"	724.19 (E) 18"
S-33	94+46.0	71.4' LT	PRECAST REINFORCED CONCRETE FLARED END SECTION, 18"	724.99 (W) 18"	724.99 (W) 18"
S-35	88+07.5	9.9' RT	INLET, TYPE A, TYPE 11 FRAME AND GRATE	732.61 (729.61 (S) 12"	729.61 (S) 12"
S-36	88+07.5	44.4' RT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	731.83 (728.99 (N) 12"	728.99 (S) 12"
S-37	88+07.5	67.7' RT	PRECAST REINFORCED CONCRETE FLARED END SECTION, 12"	728.92 (N) 12"	728.92 (N) 12"
S-38	93+93.4	74.8' RT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	729.00 (725.73 (W) 10"	725.73 (E) 12"
S-39	94+18.3	44.0' RT	PRECAST REINFORCED CONCRETE FLARED END SECTION, 12"	725.58 (W) 12"	725.58 (W) 12"

PIPE NO.	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	CLASS/TYPE	DIAMETER (INCH)	LENGTH (FT)	SLOPE (%)	TBF (CY YD)
P-22	S-24	S-25	CLASS A, TYPE 2	15	174	0.90	26.1
P-23	S-26	S-26	CLASS A, TYPE 2	12	14	6.96	3.4
P-24	S-27	S-26	CLASS A, TYPE 1	12	45	3.78	8.0
P-25	S-25	S-28	CLASS A, TYPE 2	15	149	0.31	0.0
P-26	S-29	S-28	CLASS A, TYPE 2	12	3	1.53	0.0
P-27	S-28	S-30	CLASS A, TYPE 2	15	80	0.14	5.1
P-28	S-31	S-31A	CLASS A, TYPE 1	12	30	6.17	5.4
P-28A	S-31A	S-31B	CLASS A, TYPE 1	12	20	7.10	0.0
P-29	S-32	S-32	CLASS A, TYPE 1	18	24	0.83	1.5
P-31	S-35	S-36	CLASS A, TYPE 1	12	32	1.94	4.3
P-32	S-36	S-37	CLASS A, TYPE 1	12	21	0.33	0.2
P-33	S-38	S-39	CLASS A, TYPE 1	12	38	0.54	0.0



740	735	730	725	720	715																																
733.39	733.66	733.60	733.21	733.46	733.30	732.96	733.15	733.00	732.78	732.85	732.70	732.55	732.60	732.65	732.52	732.80	732.91	732.48	732.86	732.71	732.79	732.56	732.41	732.35	732.26	732.04	731.74	731.70	731.36	731.10	731.02	730.67	730.28	730.33	729.61	728.94	
84+00	85+00	86+00	87+00	88+00	89+00	90+00	91+00	92+00	93+00	94+00	95+00	96+00	97+00																								

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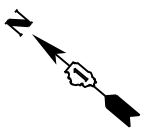
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REVISED 1/8/2019  
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REVISED 4/15/2016

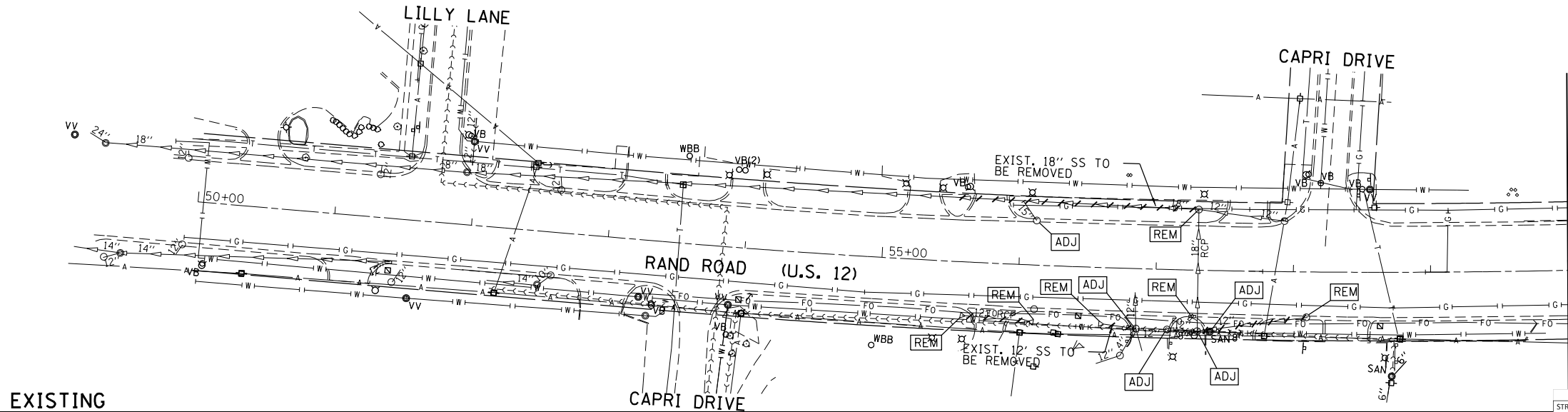
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 53 / IL 68 DRAINAGE AND UTILITIES - 3  
SCALE: H<sub>v</sub> 1" = 50'  
SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 343 SECTION 3041-N-2 COUNTY COOK TOTAL SHEETS 226 SHEET NO. 82 CONTRACT NO. 62A26 ILLINOIS FED. AID PROJECT



DATE	
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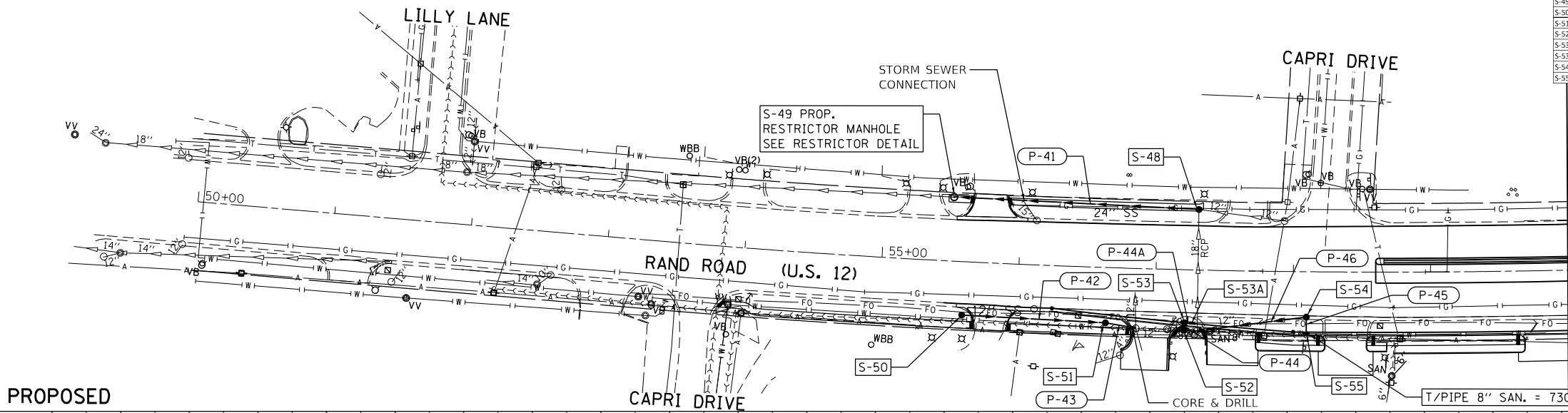


**EXISTING**

MATCH LINE STA. 60+00  
SEE IL 53 / IL 68 D&U - 1

STORM STRUCTURES						
STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	RIM	INVERTS	
S-48	57+30.2	44.2' LT	CATCH BASIN, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	733.20 / 728.35 (NW) 24"	728.80 (SW) 18"	729.00 (SE) 12"
S-49	55+50.2	46.8' LT	RESTRICTOR MANHOLE, 6'-DIAMETER, 2-TYPE 1 FRAME, CLOSED LID	734.00 / 727.83 (SE) 24"	727.83 (NW) 18"	
S-50	55+60.2	39.0' RT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	734.00 / 731.28 (SE) 12"		
S-51	56+64.3	40.3' RT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	734.00 / 730.92 (NW) 12"	730.92 (SE) 12"	
S-52	57+21.3	44.2' RT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	734.20 / 730.05 (NW) 12"	730.05 (SE) 12"	730.05 (NE) 12"
S-53	57+21.6	38.6' RT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	733.34 / 730.07 (SW) 12"	730.07 (SE) 12"	
S-53A	57+27.0	39.0' RT	INLET, TYPE A, TYPE 24 FRAME AND GRATE	733.28 / 730.10 (NW) 12"		
S-54	58+09.8	33.1' RT	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	732.81 / 730.14 (NW) 12"	730.64 (SW) 6"	
S-55	58+09.8	44.0' RT	INLET, TYPE A, TYPE 1 FRAME, OPEN LID	732.59 / 731.23 (NE) 6"		

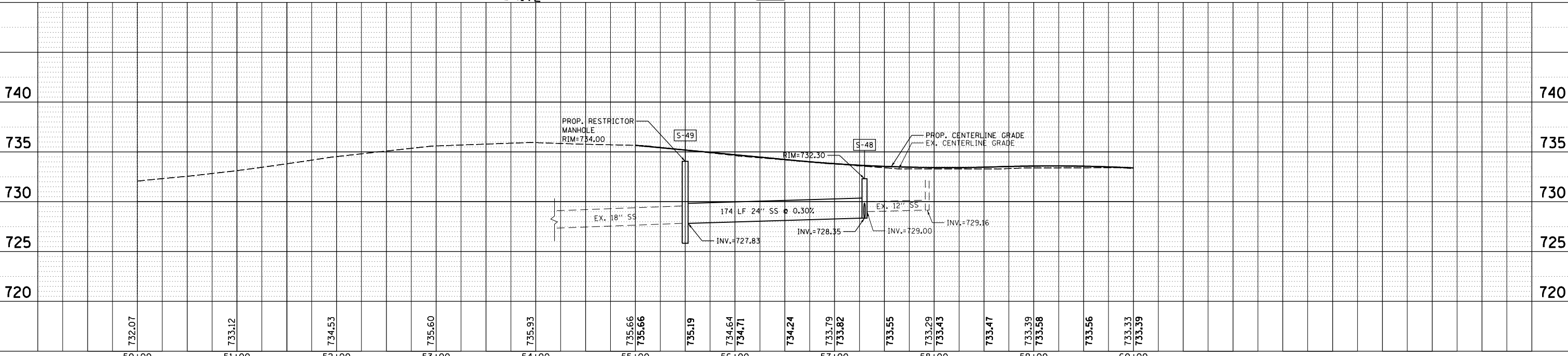
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**PROPOSED**

MATCH LINE STA. 60+00  
SEE IL 53 / IL 68 D&U - 1

STORM PIPES							
PIPE NO.	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	CLASS/TYPE	DIAMETER (INCH)	LENGTH (FT)	SLOPE (%)	TBF (CU YD)
P-41	S-48	S-49	CLASS A, TYPE 2	24	174	0.30	110.0
P-42	S-50	S-51	RUBBER GASKET, CLASS A, TYPE 1	12	101	0.36	8.6
P-43	S-51	EX. CB	RUBBER GASKET, CLASS A, TYPE 1	12	18	0.44	3.8
P-44	S-53	S-52	CLASS A, TYPE 1	12	2	1.00	0.4
P-44A	S-53A	S-53	CLASS A, TYPE 1	12	3	1.00	0.4
P-45	S-55	S-54	DUCTILE IRON, TYPE 1	6	7	8.43	0.5
P-46	S-54	EX. CB	CLASS A, TYPE 1	12	80	0.50	14.0



732.07	733.12	734.53	735.60	735.93	735.66	735.66	735.19	734.64	734.71	734.24	733.79	733.82	733.55	733.29	733.43	733.47	733.39	733.58	733.56	733.33	733.39	
50+00	51+00	52+00	53+00	54+00	55+00	56+00	57+00	58+00	59+00	60+00												

**Hey and Associates, Inc.**  
Engineering, Ecology and Landscape Architecture

USER NAME = TThorholm	DESIGNED - TCT	REVISED 6/3/2019
PLOT SCALE = 99.8245' / in.	DRAWN - CFR	REVISED 2/12/2019
PLOT DATE = 6/3/2019	CHECKED - PML	REVISED 10/10/2017
	DATE -	REVISED 4/15/2016

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

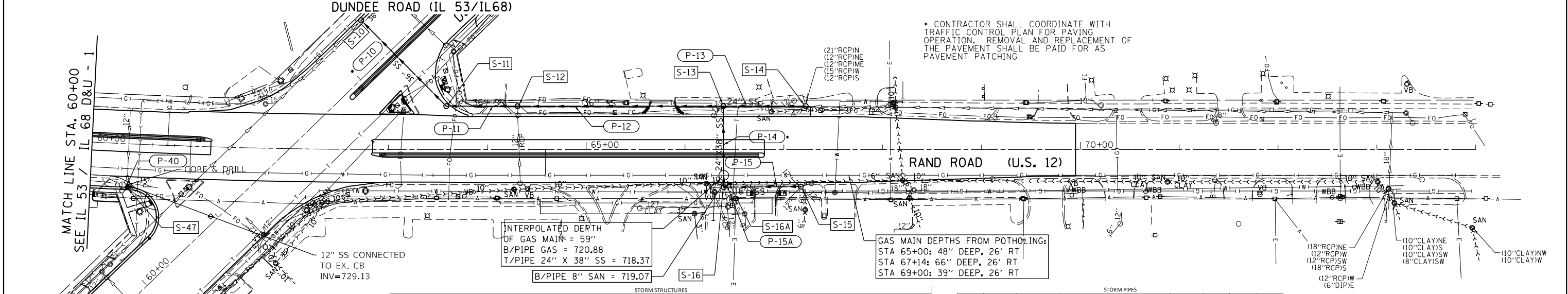
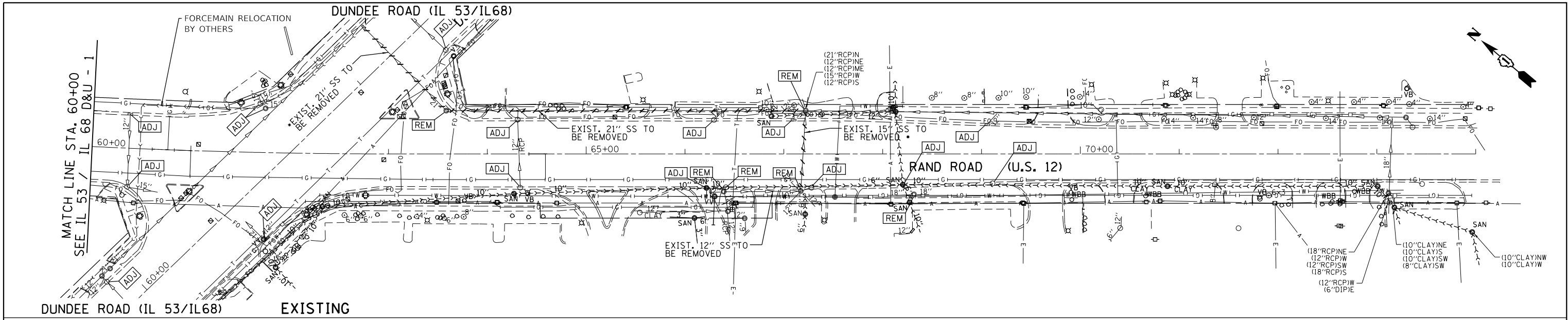
**RAND ROAD (US 12) DRAINAGE AND UTILITIES - 1**

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

F.A.P. RTE. 343	SECTION 3041-N-2	COUNTY COOK	TOTAL SHEETS 226	SHEET NO. 83
CONTRACT NO. 62A26				
ILLINOIS FED. AID PROJECT				

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STATION	STORM STRUCTURES				STORM PIPES						
	STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	CLASS/TYPE	DIAMETER (INCH)	LENGTH (FT)	SLOPE (%)	TBF (CY/VD)
60+00	S-10	60+38.5	43.9' LT	MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	P-10	S-11	CLASS A, TYPE 2	36	116	0.10	260.5
61+00	S-11	61+30.6	43.8' LT	MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	P-11	S-12	CLASS A, TYPE 2	36	66	0.10	174.2
62+00	S-12	62+38.8	43.8' LT	MANHOLE, TYPE A, 8' DIAMETER, TYPE 1 FRAME, CLOSED LID	P-12	S-13	CLASS A, TYPE 2	36	203	0.10	473.2
63+00	S-13	63+22.1	43.9' LT	MANHOLE, TYPE A, 8' DIAMETER, TYPE 1 FRAME, CLOSED LID	P-13	S-14	CLASS A, TYPE 2	24	75	0.19	100.1
64+00	S-14	64+17.1	37.5' RT	MANHOLE, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	P-14	S-15	CLASS A, TYPE 2	24 X 38 ELLIP	75	0.10	146.3
65+00	S-15	65+39.2	38.1' RT	MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	P-15	S-16	RUBBER GASKET, CLASS A, TYPE 2	18	72	0.50	79.5
66+00	S-16	66+45.0	35.0' RT	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	P-15A	S-16A	CLASS A, TYPE 2	12	3	1.00	0.6
67+00	S-16A	67+37.3	44.0' RT	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	P-40	S-47	CLASS A, TYPE 2	12	1	0.50	0.2

<b>Hey and Associates, Inc.</b> Engineering, Ecology and Landscape Architecture	USER NAME = TThorholm	DESIGNED - TCT	REVISED 6/3/2019	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>RAND ROAD (US 12) DRAINAGE AND UTILITIES - 2</b>	F.A.P. RTE. = 343	SECTION = 3041-N-2	COUNTY = COOK	TOTAL SHEETS = 226	SHEET NO. = 84			
	PLOT SCALE = 99.9746' / 1"	DRAWN - CFR	REVISED 2/12/2019			SCALE: 1" = 50'	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 62A26				
	PLOT DATE = 5/31/2019	CHECKED - PML	REVISED 10/10/2017			ILLINOIS FED. AID PROJECT							
		DATE -	REVISED 4/15/2016										



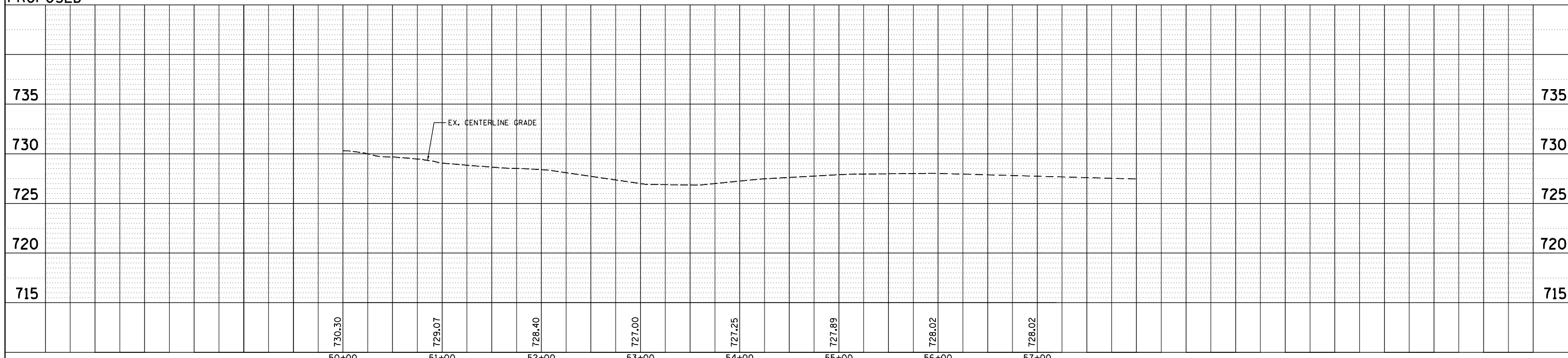


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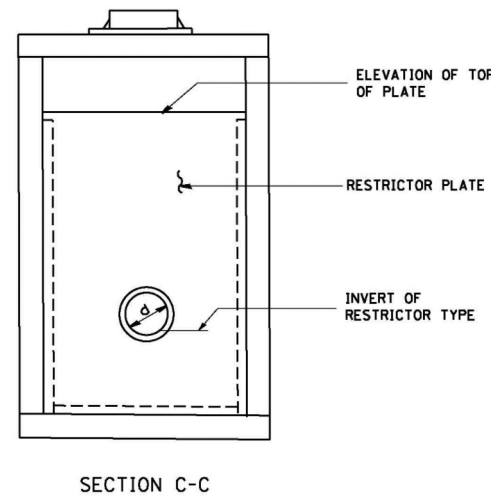
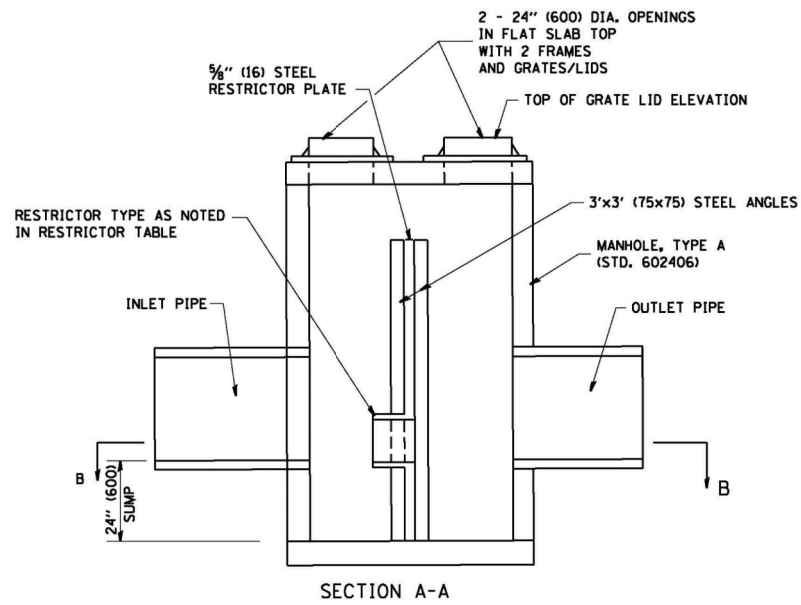
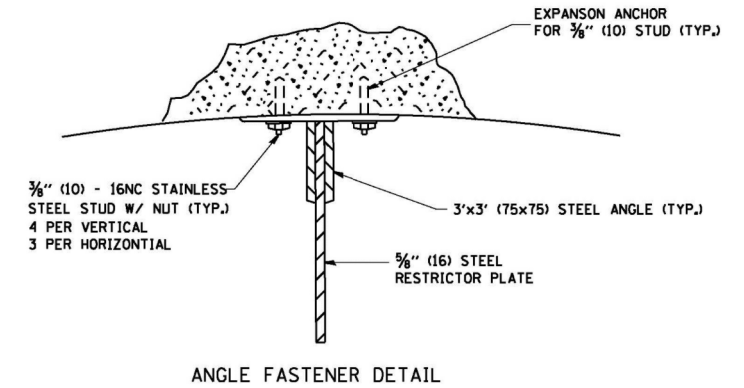
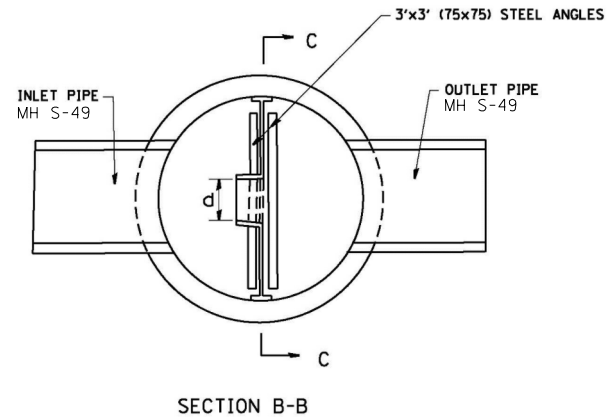
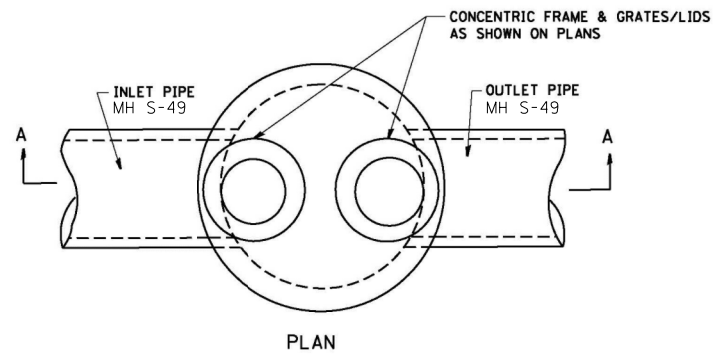
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	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
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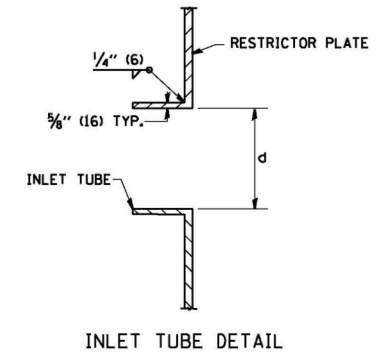
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NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

<b>Hey and Associates, Inc.</b> Engineering, Ecology and Landscape Architecture	USER NAME = tthorholm	DESIGNED - TCT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>KENNEDY DRIVE DRAINAGE AND UTILITIES</b>	F.A.P. RTE. 343	SECTION 3041-N-2	COUNTY COOK	TOTAL SHEETS 226	SHEET NO. 86	
	PLOT SCALE = 100.1770' / in.	CHECKED - PML	REVISED 2/12/2019			SCALE: H <sub>v</sub> 1" = 50'		SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 62A26	
	PLOT DATE = 2/12/2019	DATE -	REVISED 10/10/2017			ILLINOIS FED. AID PROJECT					
			REVISED 4/15/2016								

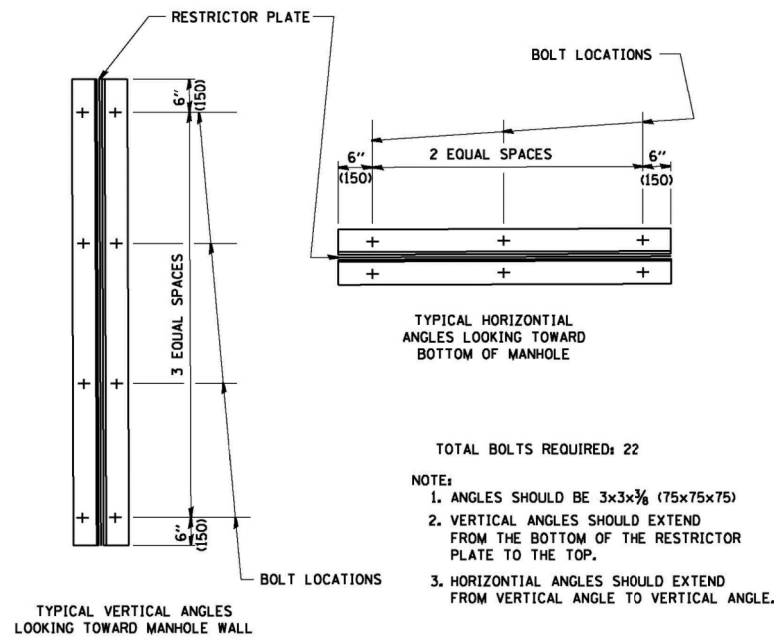


NOTES:

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE I FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



STATION STRUCTURE	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
S-49	6'	T1F CL	2	16"	727.83	730.29

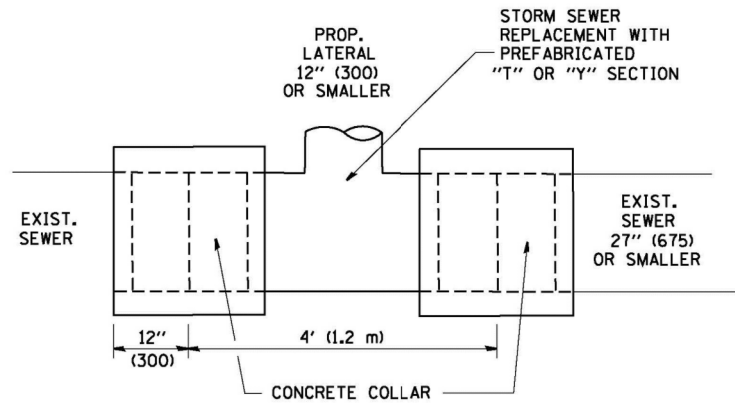


- TOTAL BOLTS REQUIRED: 22
- NOTE:
1. ANGLES SHOULD BE 3x3x3/8 (75x75x75)
  2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
  3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

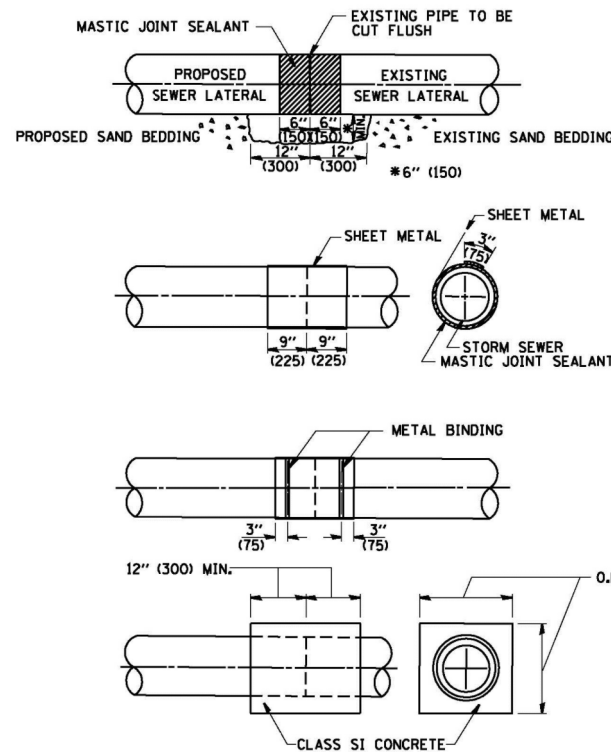
VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

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



**DETAIL "A"**

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

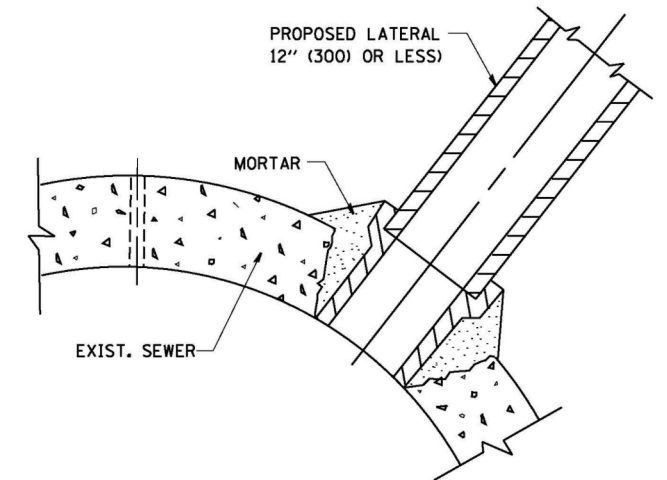


**DETAIL "B"**

CLASS SI CONCRETE COLLAR

**CONSTRUCTION SEQUENCE**

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.
10. PIPE INVERTS SHALL MATCH



**DETAIL "C"**

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

**NOTES**

**MATERIAL**

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

**CONSTRUCTION METHODS**

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

**GENERAL**

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

EXISTING SEWER MAY INDICATE EXISTING IN-PLACE SEWER OR NEW PROPOSED SEWER.

**BASIS OF PAYMENT**

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

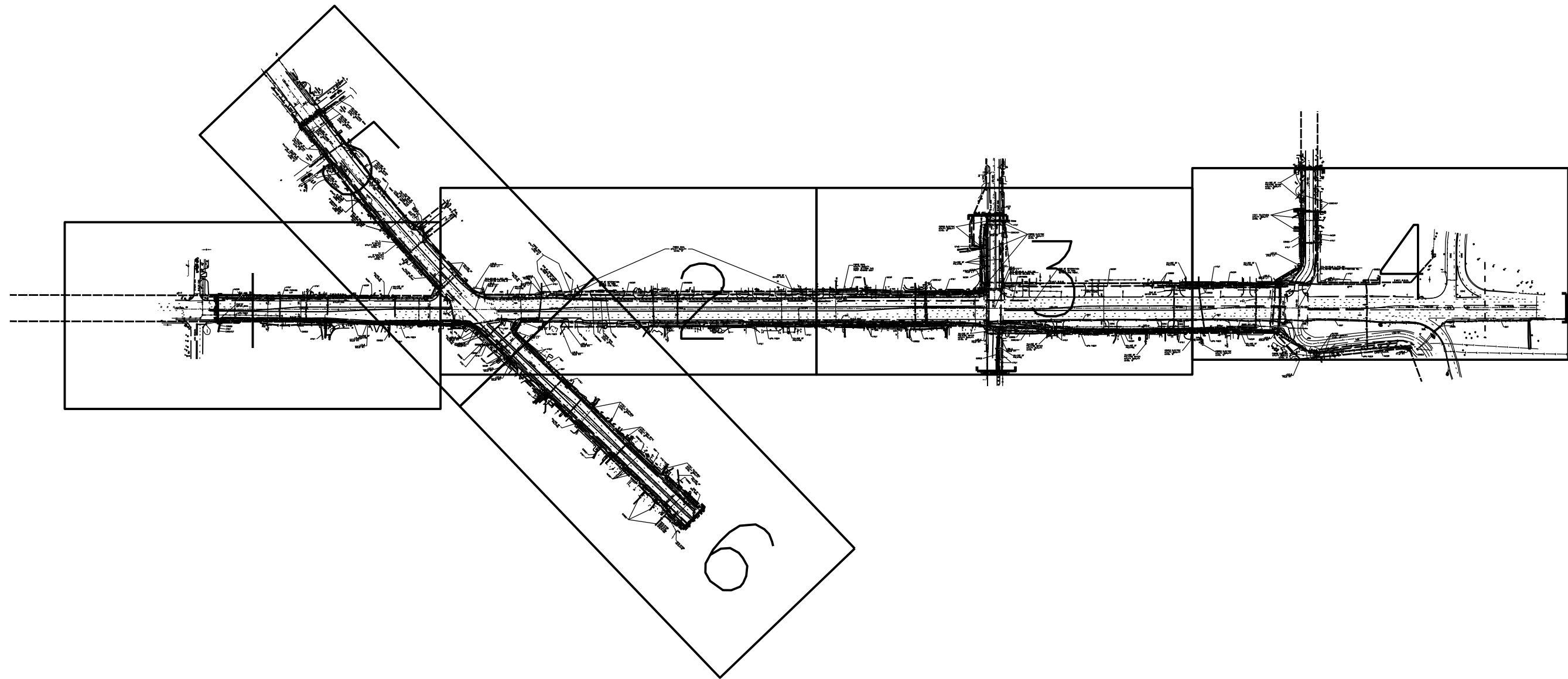
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

<b>Hey and Associates, Inc.</b> Engineering, Ecology and Landscape Architecture	USER NAME = tthorholm	DESIGNED - TCT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DETAIL OF STORM SEWER</b> <b>CONNECTION TO EXISTING SEWER</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 2,0064' / 1" =	DRAWN - TCT	REVISED -					343	3041-N-2	COOK	226	86B	
	PLOT DATE = 2/5/2019	CHECKED - PML	REVISED -					CONTRACT NO. 62A26			ILLINOIS FED. AID PROJECT		
				SCALE: N.T.S.				SHEET OF SHEETS		STA. TO STA.			



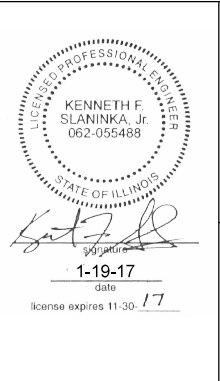


	AERIAL
	UNKNOWN
	OIL
	CABLE TV
	TELEPHONE
	GAS
	ELECTRIC
	TRAFFIC SIGNAL/LIGHTING
	WATER
	FORCE MAIN
	FIBER OPTIC
	CARDNO TEST HOLE
	END OF INFORMATION

UTILITY OWNERS	
AT&T - TELEPHONE - FIBER OPTIC	
COMCAST - CABLE TV	
COMED - ELECTRIC	
IDOT ITS - FIBER OPTIC	
UPN FIBER - FIBER OPTIC	
NICOR - GAS	
VILLAGE OF PALATINE - WATER	
VILLAGE OF PALATINE - FORCE MAIN	

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Cardno performed Additional Quality Level 'A' SUE field investigation 12/06/16. See sheets 1 & 5.

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

**CLAASSEN, WHITE & ASSOCIATES, P.C.**  
 LAND SURVEYORS  
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 (815) 744-3720 clausenwhite@cwasurevey.com

TBE Job No. IL09510710, 738  
 SUE Plan Page: Cover

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

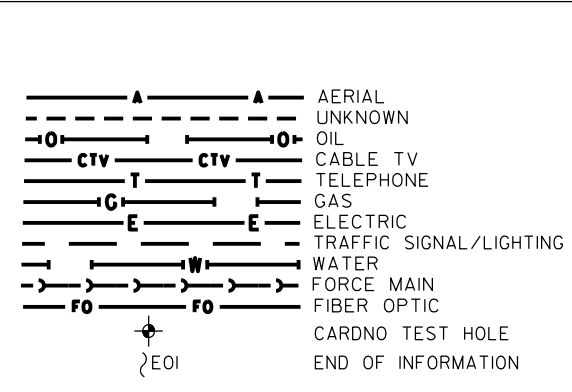
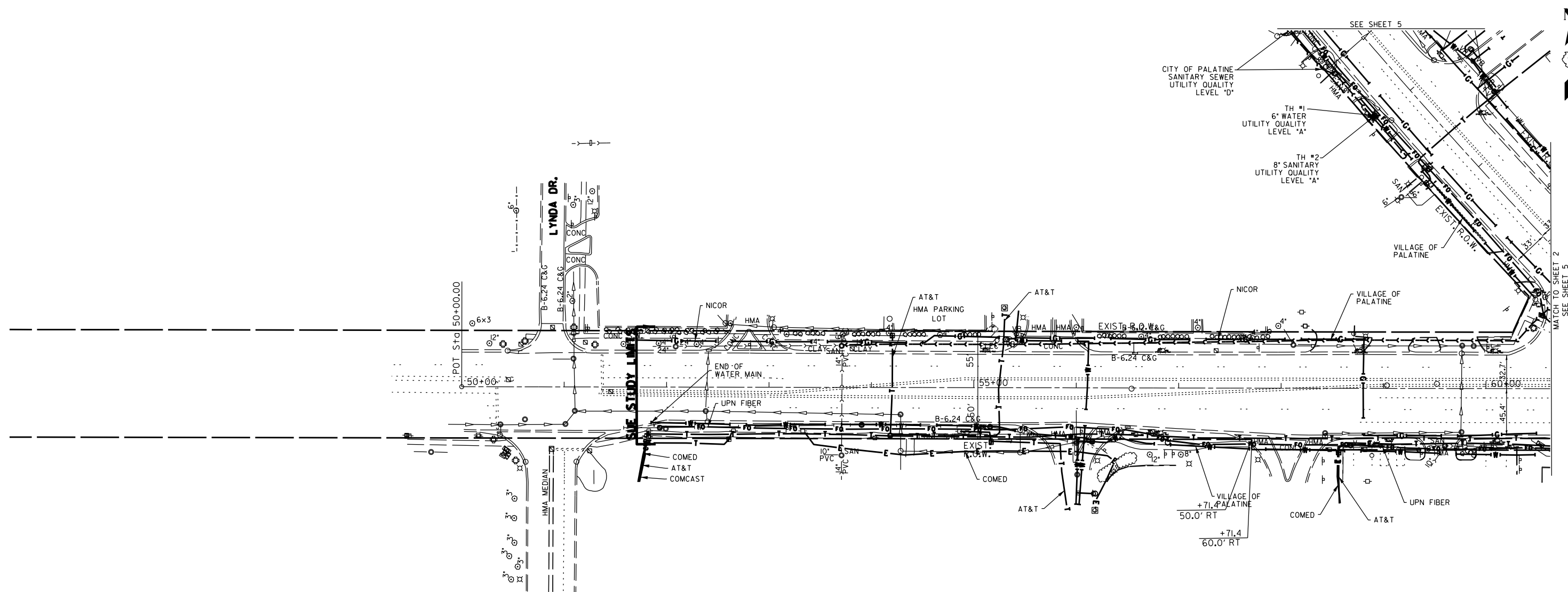
DESIGNED	ER	REVISED 12/13/16. ADDED TEST HOLES #1-4
DRAWN	KLC	SHEET 1 & 5
CHECKED	MGR	
DATE	5/12/16	

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

**IL 53 /IL 68 from US 12 to Kennedy Drive**  
**Palatine, IL**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3041-N-2	Cook	226	87
FED. ROAD DIST. NO.		ILLINOIS	Contract No. 62A26	
		IDOT Project No.		



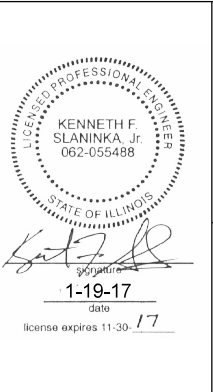


UTILITY OWNERS		
AT&T	-	TELEPHONE - FIBER OPTIC
COMCAST	-	CABLE TV
COMED	-	ELECTRIC
IDOT ITS	-	FIBER OPTIC
UPN FIBER	-	FIBER OPTIC
NICOR	-	GAS
VILLAGE OF PALATINE	-	WATER
VILLAGE OF PALATINE	-	FORCE MAIN

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Cardno performed Additional Quality Level 'A' SUE field investigation 12/06/16. Added Test Holes #1 & 2.

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



**Cardno**

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LAND SURVEYORS  
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(815) 744-3720 [claassenwhite@cwasurevey.com](mailto:claassenwhite@cwasurevey.com)

F.A. RTÉ. SECTION COUNTY TOTAL SHEETS SHEET NO.  
3041-N-2 Cook 226 88

Contract No. 62A26  
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.

TBE Job No. IL0951070, 738  
SUE Plan Page: 1 of 6

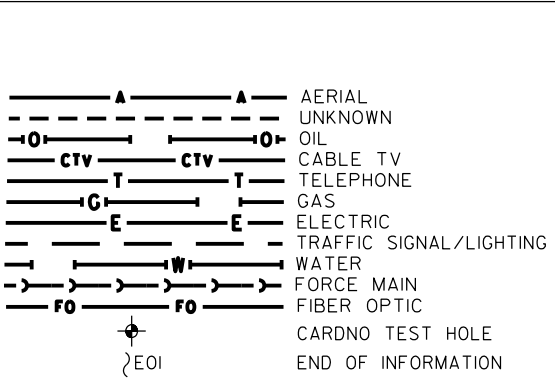
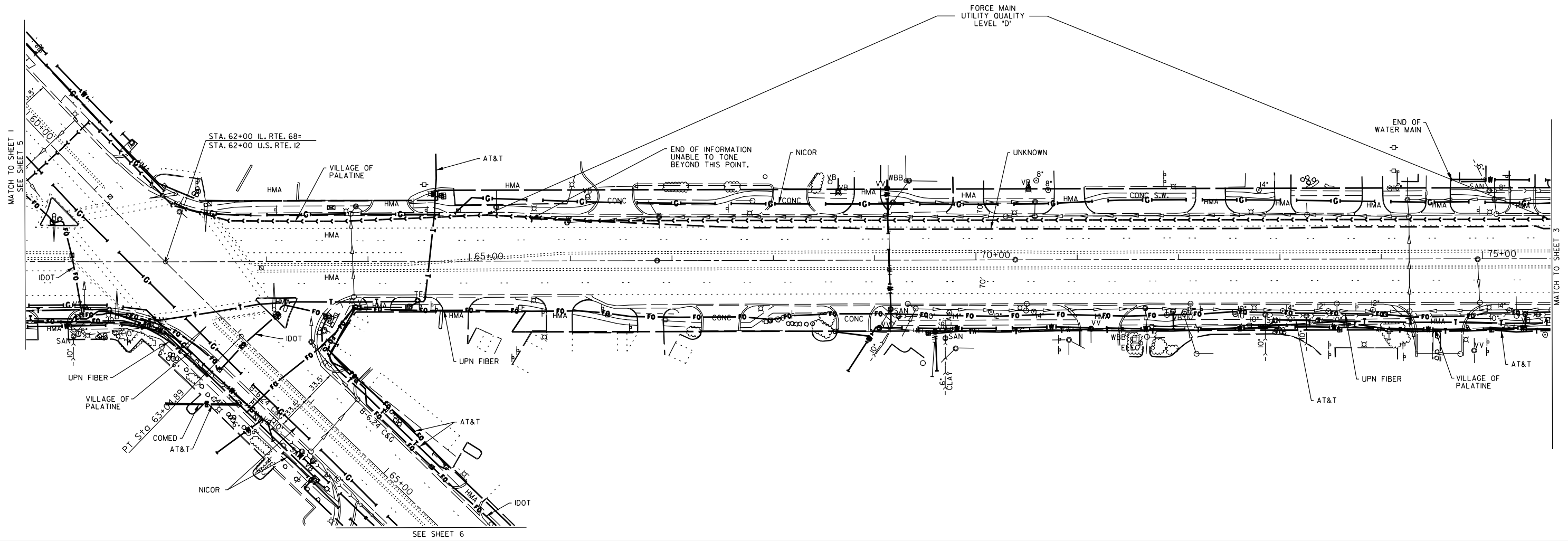
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Utility Quality Level 'B': Designating/non Visually Verified Test Hole	DRAWN	KLC	REVISED		
Utility Quality Level 'C': Research with Survey	CHECKED	MGR	REVISED		
Utility Quality Level 'D': Records Research	DATE	5/12/16	REVISED		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 53 / IL 68 from US 12 to Kennedy Drive  
Palatine, IL

IL 53 / IL 68 from US 12 to Kennedy Drive  
Palatine, IL

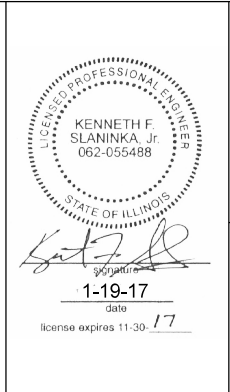
F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3041-N-2	Cook	226	88
Contract No. 62A26				
FED. ROAD DIST. NO.	ILLINOIS	IDOT Project No.		



UTILITY OWNERS		
AT&T	- TELEPHONE - FIBER OPTIC	
COMCAST	- CABLE TV	
COMED	- ELECTRIC	
IDOT ITS	- FIBER OPTIC	
UPN FIBER	- FIBER OPTIC	
NICOR	- GAS	
VILLAGE OF PALATINE	- WATER	
VILLAGE OF PALATINE	- FORCE MAIN	

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TBE Job No. IL0951070  
 SUE Plan Page: 2 of 6

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

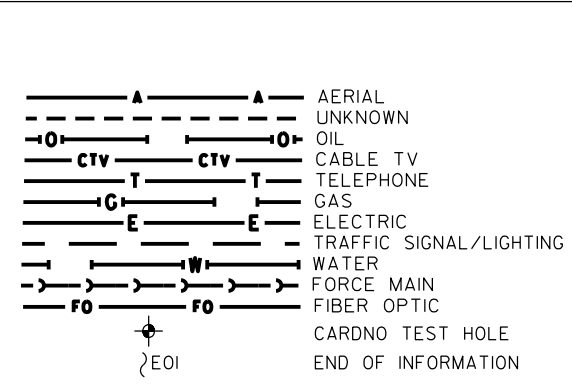
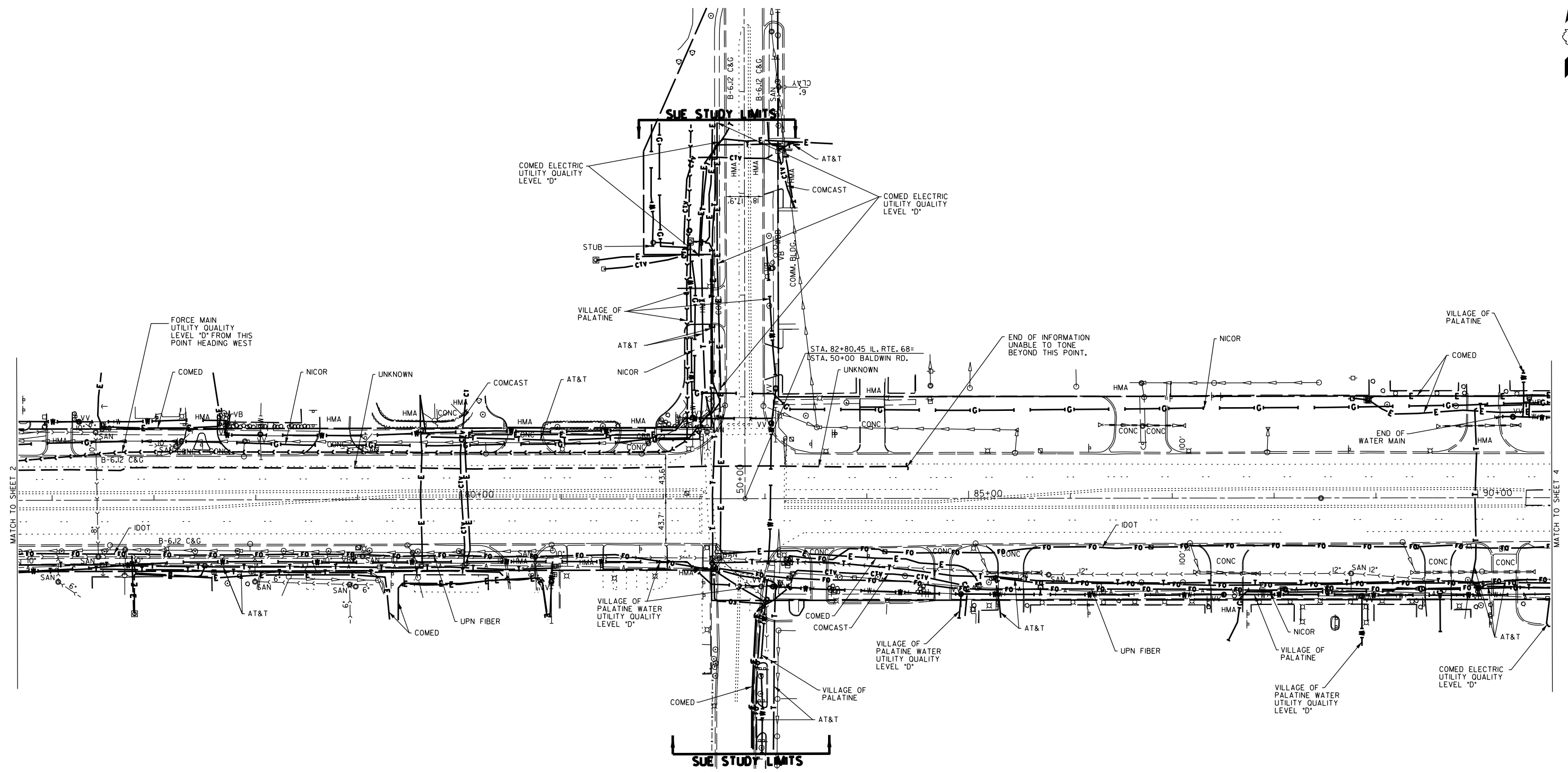
DESIGNED	ER	REVISED
DRAWN	KLC	REVISED
CHECKED	MGR	REVISED
DATE	5/12/16	REVISED

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

**IL 53 /IL 68 from US 12 to Kennedy Drive**  
**Palatine, IL**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	304I-N-2	Cook	226	89

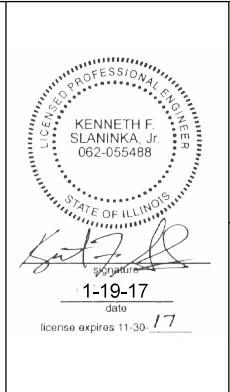
Contract No. 62A26  
 ILLINOIS IDOT Project No.



UTILITY OWNERS		
AT&T	- TELEPHONE - FIBER OPTIC	
COMCAST	- CABLE TV	
COMED	- ELECTRIC	
IDOT	ITS - FIBER OPTIC	
UPN	FIBER - FIBER OPTIC	
NICOR	- GAS	
VILLAGE OF PALATINE	- WATER	
VILLAGE OF PALATINE	- FORCE MAIN	

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TBE Job No. IL0951070  
 SUE Plan Page: 3 of 6

Utility Quality Level "A": Visually Verified Test Hole	DESIGNED	ER	REVISED
Utility Quality Level "B": Designating/non Visually Verified Test Hole	DRAWN	KLC	REVISED
Utility Quality Level "C": Research with Survey	CHECKED	MGR	REVISED
Utility Quality Level "D": Records Research	DATE	5/12/16	REVISED

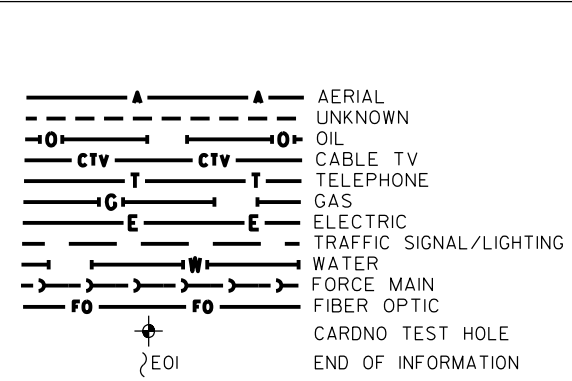
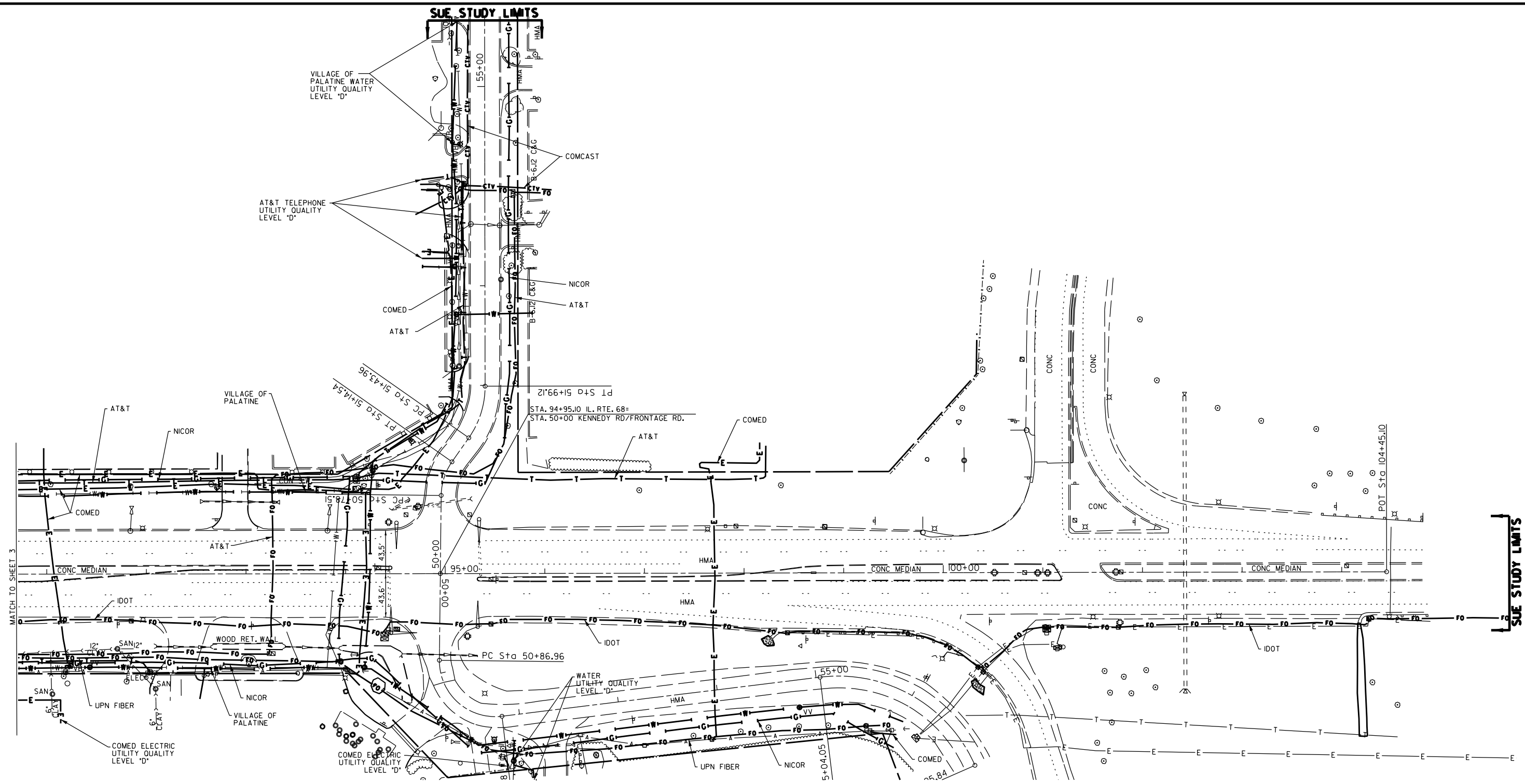
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 53 / IL 68 from US 12 to Kennedy Drive  
 Palatine, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3041-N-2	Cook	226	90

Contract No. 62A26  
 ILLINOIS DOT Project No.

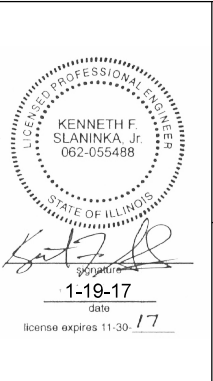
FED. ROAD DIST. NO.	ILLINOIS	IDOT Project No.
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UTILITY OWNERS		
AT&T	-	TELEPHONE - FIBER OPTIC
COMCAST	-	CABLE TV
COMED	-	ELECTRIC
IDOT	-	ITS - FIBER OPTIC
UPN	-	FIBER OPTIC
NICOR	-	GAS
VILLAGE OF PALATINE	-	WATER
VILLAGE OF PALATINE	-	FORCE MAIN

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TBE Job No. IL0951070  
 SUE Plan Page: 4 of 6

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

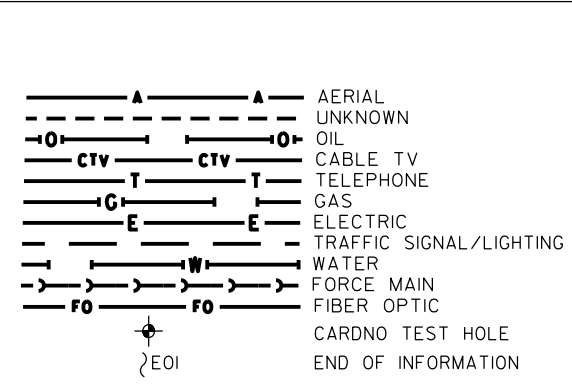
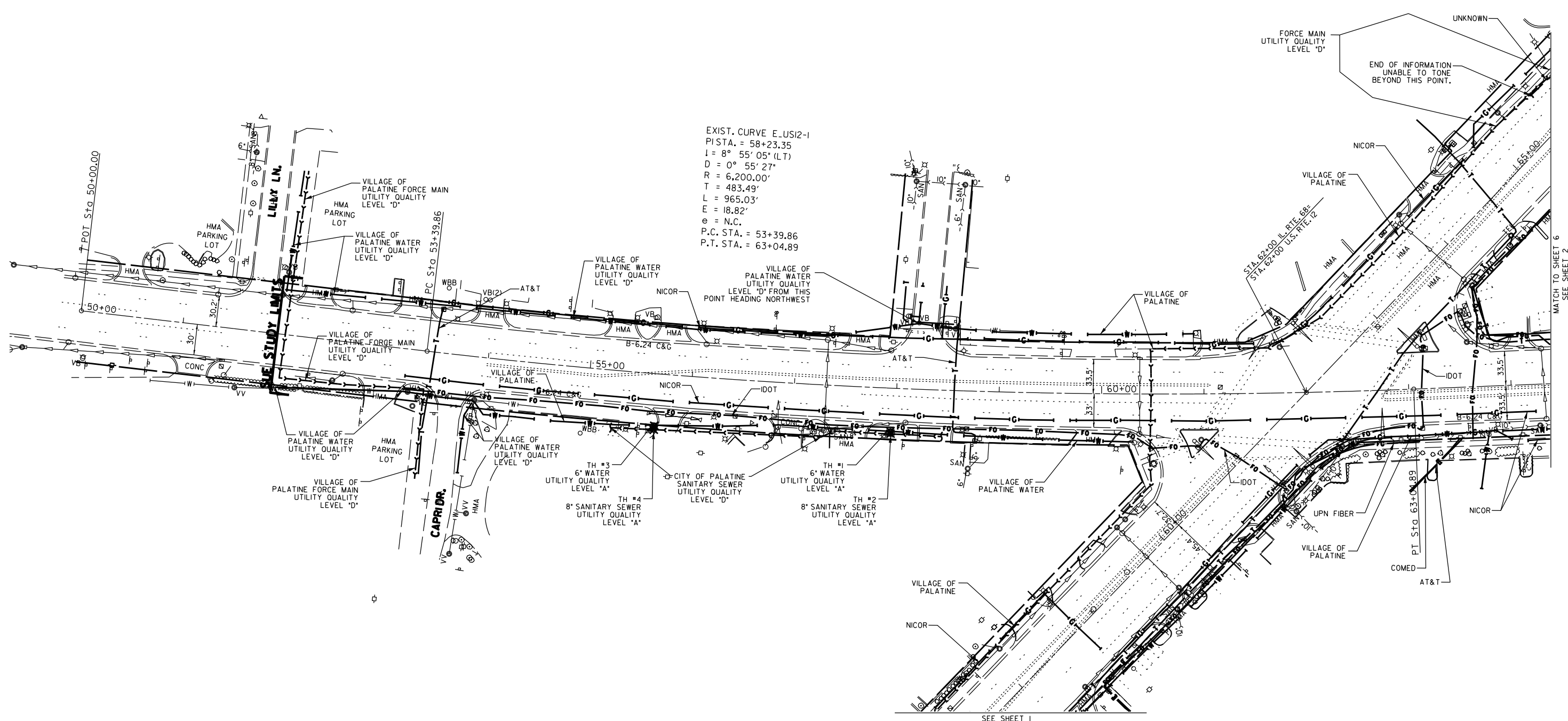
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DRAWN	KLC	REVISED
CHECKED	MGR	REVISED
DATE	5/12/16	REVISED

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

**IL 53 / IL 68 from US 12 to Kennedy Drive**  
**Palatine, IL**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	304I-N-2	Cook	226	91

Contract No. 62A26  
 FED. ROAD DIST. NO. ILLINOIS IDOT Project No.

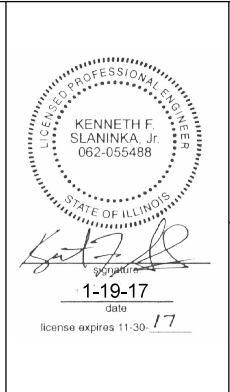


UTILITY OWNERS	
AT&T - TELEPHONE - FIBER OPTIC	
COMCAST - CABLE TV	
COMED - ELECTRIC	
IDOT ITS - FIBER OPTIC	
UPN FIBER - FIBER OPTIC	
NICOR - GAS	
VILLAGE OF PALATINE - WATER	
VILLAGE OF PALATINE - FORCE MAIN	

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Cardno performed Additional Quality Level "A" SUE field investigation 12/06/16. Added Test Holes #1-4.

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



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

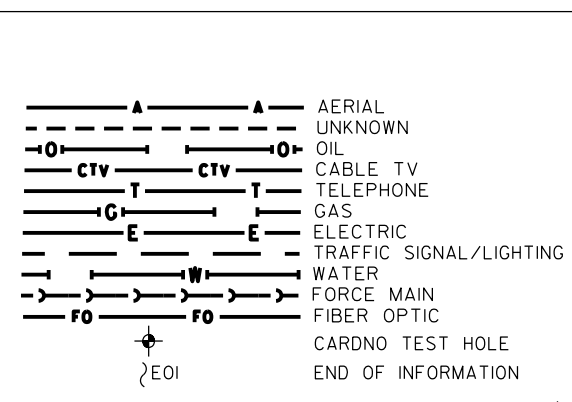
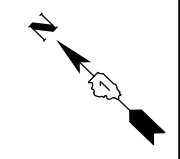
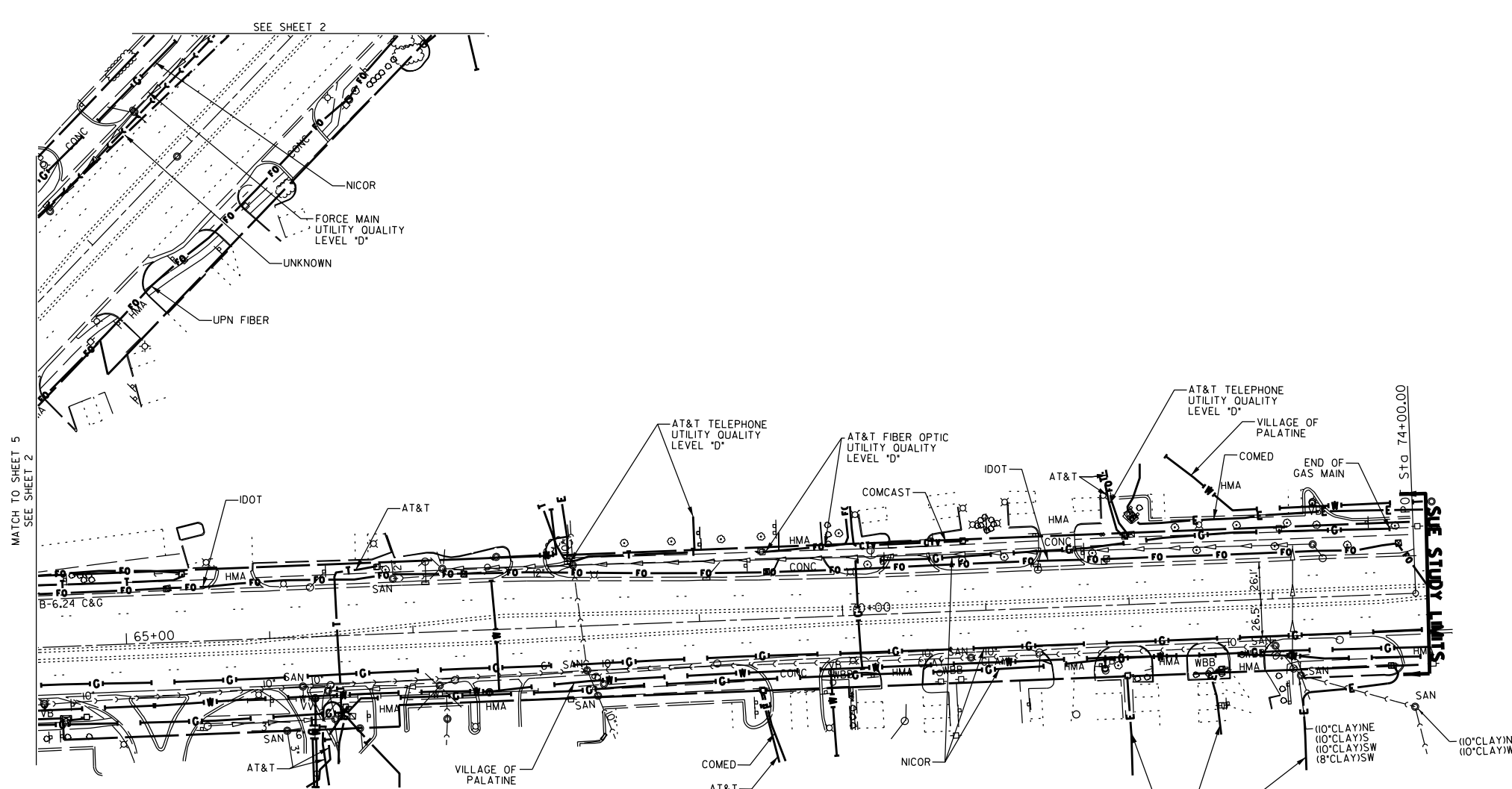
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DRAWN	KLC	REVISED	
CHECKED	MGR	REVISED	
DATE	5/12/16	REVISED	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 53 / IL 68 from US 12 to Kennedy Drive  
 Palatine, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3041-N-2	Cook	226	92
Contract No. 62A26				
FED. ROAD DIST. NO.	ILLINOIS	IDOT Project No.		

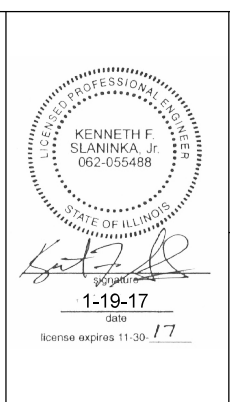
TBE Job No. IL09510710, 738  
 SUE Plan Page: 5 of 6



UTILITY OWNERS		
AT&T - TELEPHONE - FIBER OPTIC		
COMCAST - CABLE TV		
COMED - ELECTRIC		
IDOT ITS - FIBER OPTIC		
UPN FIBER - FIBER OPTIC		
NICOR - GAS		
VILLAGE OF PALATINE - WATER		
VILLAGE OF PALATINE - FORCE MAIN		

Utilities shown on these plans as depicted in the legend have been investigated by Cardno in accordance with SUE Industry Standards. All other information shown has been provided to Cardno by others. Cardno's SUE field investigation was performed 2/05/16 through 4/08/16. Changes to utilities after 4/08/16 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

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



**CLAASSEN, WHITE & ASSOCIATES, P.C.**  
 LAND SURVEYORS  
 12 AIRPORT DRIVE, UNIT L, JOLIET, ILLINOIS 60431  
 (815) 744-3720 clausenwhite@cwosurvey.com

TBE Job No. IL0951070  
 SUE Plan Page: 6 of 6

Utility Quality Level "A": Visually Verified Test Hole	DESIGNED	ER	REVISED	
Utility Quality Level "B": Designating/non Visually Verified Test Hole	DRAWN	KLC	REVISED	
Utility Quality Level "C": Research with Survey	CHECKED	MGR	REVISED	
Utility Quality Level "D": Records Research	DATE	5/12/16	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 53 /IL 68 from US 12 to Kennedy Drive  
 Palatine, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	304I-N-2	Cook	226	93

Contract No. 62A26  
 FED. ROAD DIST. NO. ILLINOIS IDOT Project No.

Contract No. 62A26
--------------------

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	SUE QUALITY LEVEL	COMMENTS
1	6" WATER	1993718.482	1068434.535	728.14'	5.98'	734.12'	A	
2	8" SANITARY	1993716.931	1068432.924	730.90'	3.30'	734.20'	A	
3	6" WATER	1993888.677	1068278.903	730.38'	5.28'	735.66'	A	
4	8" SANITARY	1993886.467	1068275.732	729.60'	6.10'	735.70'	A	

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.

NOTES

**CLAASSEN, WHITE & ASSOCIATES, P.C.**  
**LAND SURVEYORS**  
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
(815) 744-3720 classenwhite@cwasurevey.com

**Cardno**  
CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL  
\* PLANNING \* UTILITY ENGINEERING/LOCATING

Checked By: \_\_\_\_\_ TBE Job No. IL09510738  
Date: \_\_\_\_\_ Sheet 1 of 1

DESIGNED	EG	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	12/13/16	REVISED	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 53 /IL 68 from US 12 to Kennedy Drive  
Palatine, IL**

SHEET NO. \_\_\_\_\_ STA. TO STA. \_\_\_\_\_

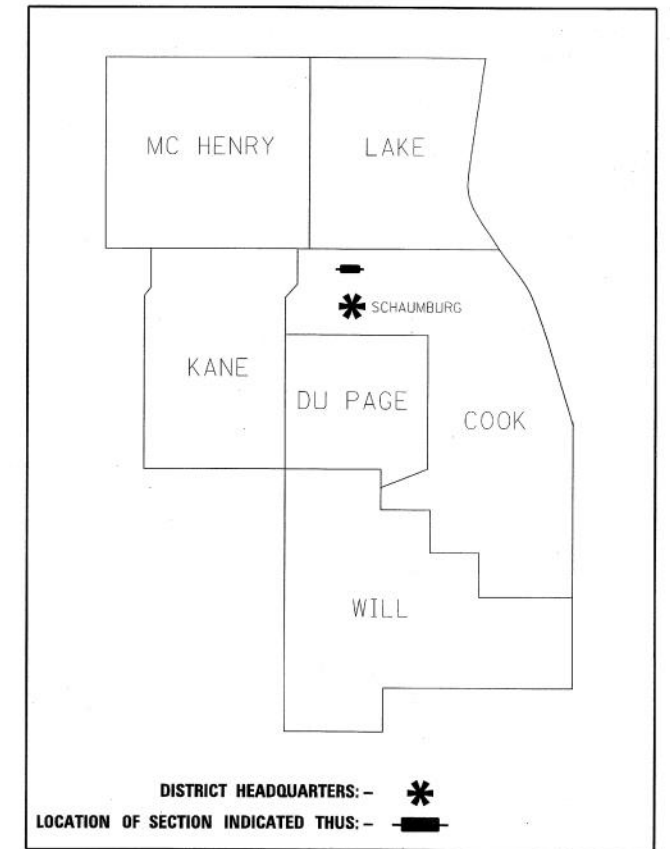
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	304-N-2	Cook	226	94
FED. ROAD DIST. NO. ILLINOIS			Contract No. 62A26 Job No.:	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

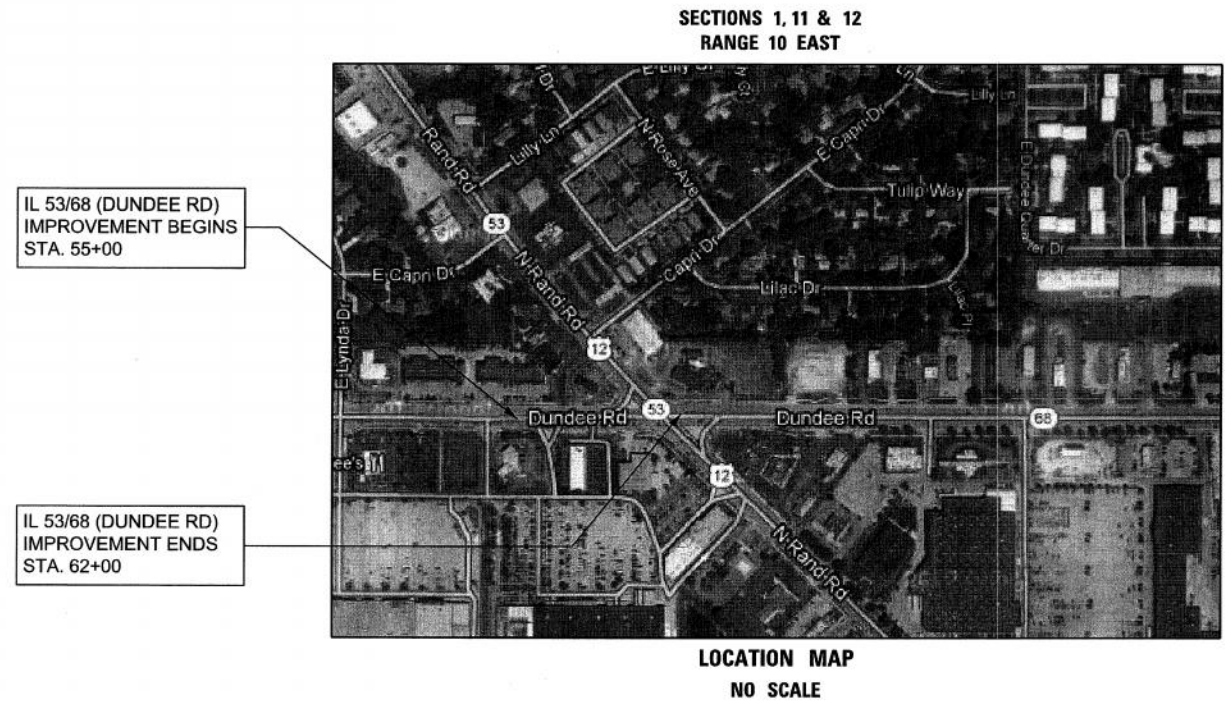
# PLAT OF HIGHWAYS

**IL 53/68 (DUNDEE RD) AT US 12 (RAND RD)  
COOK COUNTY  
SECTION NO.      -      -      -       
PROJECT NO. D-91-266-12  
JOB NO. R-90-008-12**

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
OJB0001 OJB0001TE	RAMCO-GERSHENSON PROPERTIES, L.P.	2	
OJB0002 OJB0002TE	HOME DEPOT U.S.A., INC., A DELAWARE CORPORATION	3	
OJB0003	PARKWAY BANK AND TRUST COMPANY AS TRUSTEE, UTA DATED DEC. 8, 1972 KNOWN AS TRUST NO. 2137	3	
OJB0005 OJB0005TE	DIBO, LLC	4	
OJB0006 OJB0006TE	RAP HEART, LLC, A NEW YORK LIMITED LIABILITY COMPANY	4	
OJB0007TE	PROPERTY DYNAMICS, LLC, XIX	4	



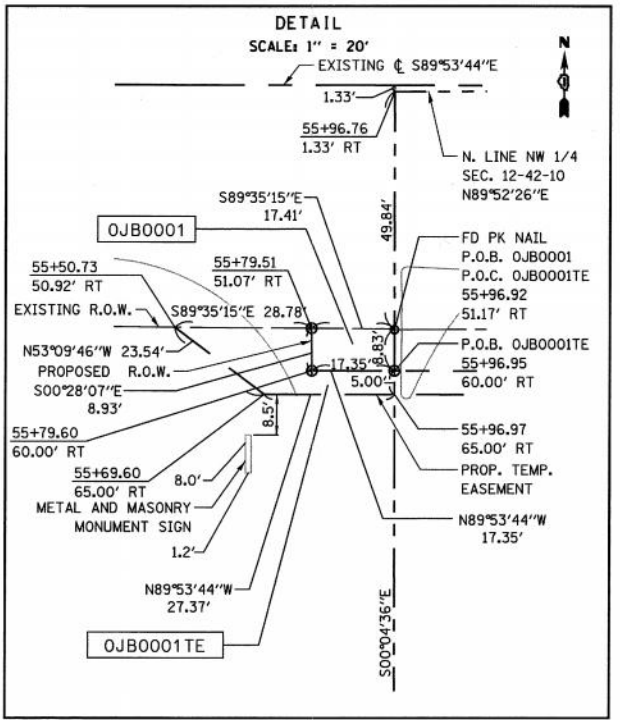
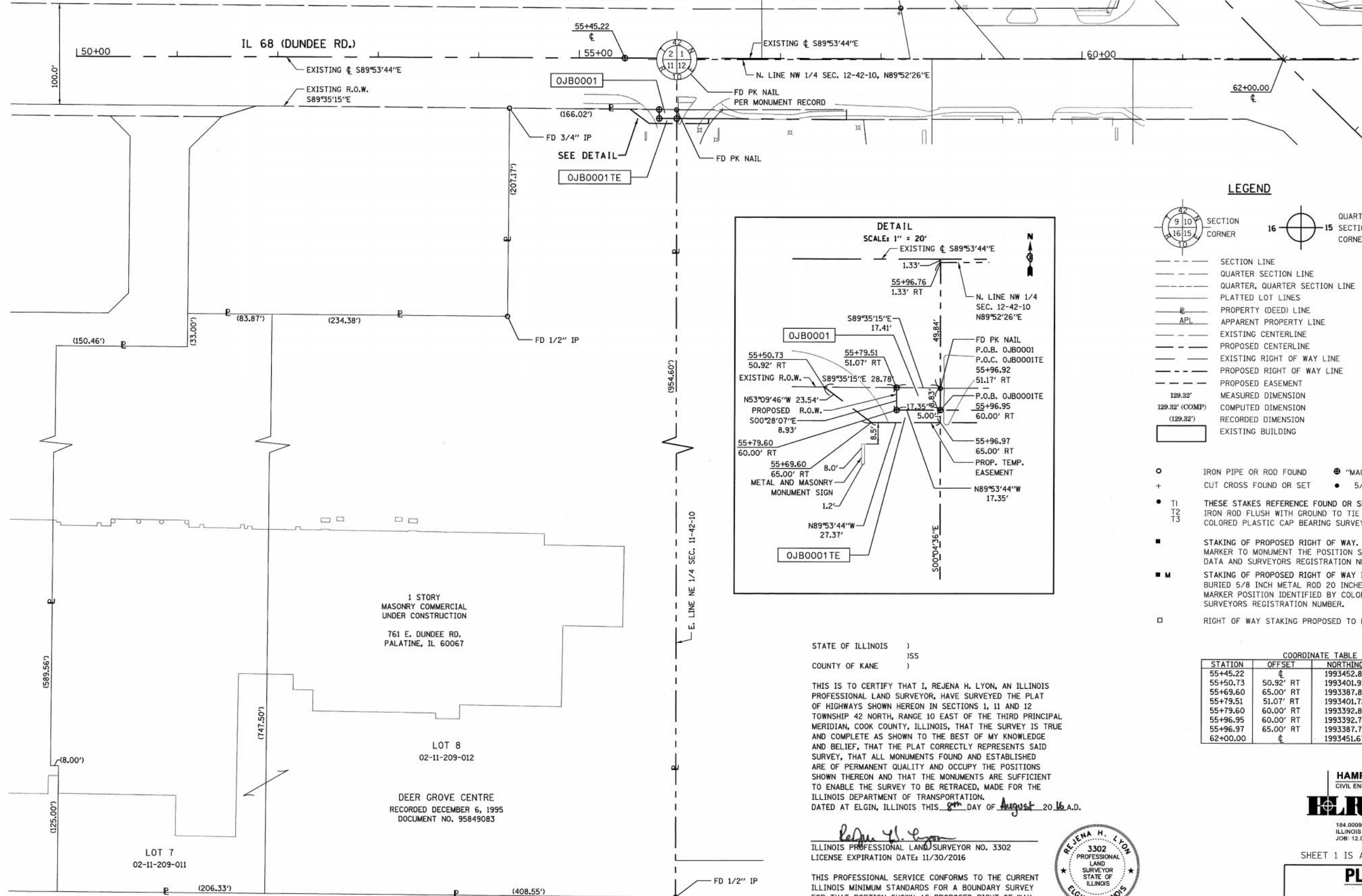
**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**



**IDOT USE ONLY**  
RECORDED  
AUG 09 2010  
PLATS & MAPS



PART OF THE NE 1/4 OF SECTION 11, TWP. 42 N., R.10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, 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
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- ⊗ EXISTING LIGHT POLE
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- ⊕ EXISTING SIGN

- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- RIGHT OF WAY STAKING PROPOSED TO BE SET

**COORDINATE TABLE**

STATION	OFFSET	NORTHING	EASTING
55+45.22	¢	1993452.86	1068088.31
55+50.73	50.92' RT	1993401.93	1068093.70
55+69.60	65.00' RT	1993387.82	1068112.54
55+79.51	51.07' RT	1993401.72	1068122.48
55+79.60	60.00' RT	1993392.80	1068122.55
55+96.95	60.00' RT	1993392.77	1068139.90
55+96.97	65.00' RT	1993387.71	1068171.54
62+00.00	¢	1993451.67	1068743.06

STATE OF ILLINOIS )  
 ) ISS  
 COUNTY OF KANE )

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 1, 11 AND 12 TOWNSHIP 42 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE ILLINOIS DEPARTMENT OF TRANSPORTATION. DATED AT ELGIN, ILLINOIS THIS 9th DAY OF August 2016 A.D.

*Rejena H. Lyon*  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302  
 LICENSE EXPIRATION DATE: 11/30/2016



THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

FIELD WORK COMPLETED 5/17/2016.

LICENSE EXPIRES 11/30/2016

**HAMPTON, LENZINI AND RENWICK, INC.**  
 CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS  
**HLR**  
 380 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 847.697.6700 www.hlrengineering.com  
 184.000959  
 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION  
 JOB: 12.0228.230

SHEET 1 IS A COVER SHEET AND NOT RECORDED

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 IL 5368 (DUNDEE RD) AT US 12 (RAND RD)

LIMITS: AT US 12 COUNTY: COOK  
 SECTION: JOB NO.: R-90-008-12  
 STA. 50+00 TO STA. 56+00  
 SCALE: 1" = 50' SHEET 2 OF 4 SHEETS

**IDOT USE ONLY**  
 RECEIVED  
 AUG 09 2016  
 PLATS & LEGALS

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

PARCEL NUMBER	PIN	TOTAL HOLDING	AREA TAKEN	AREA PREVIOUSLY USED	REMAINING AREA	EASEMENT AREA	PROPERTY ACQUIRED BY
OJB0001	02-11-209-012 & 02-11-209-011	11.307 Ac±	0.004 Ac (154 SF)±	NA	11.303 Ac±	NA	
OJB0001TE			NA	NA	NA	0.008 Ac (358 SF)±	

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.  
 BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2007 ADJUSTMENT) "GRID".  
 ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99994329.  
 AREAS SHOWN ON THIS PLAT ARE GROUND.  
 COORDINATES ARE ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJUSTMENT).

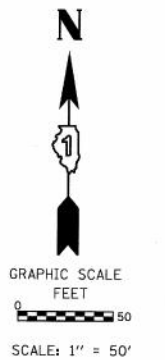
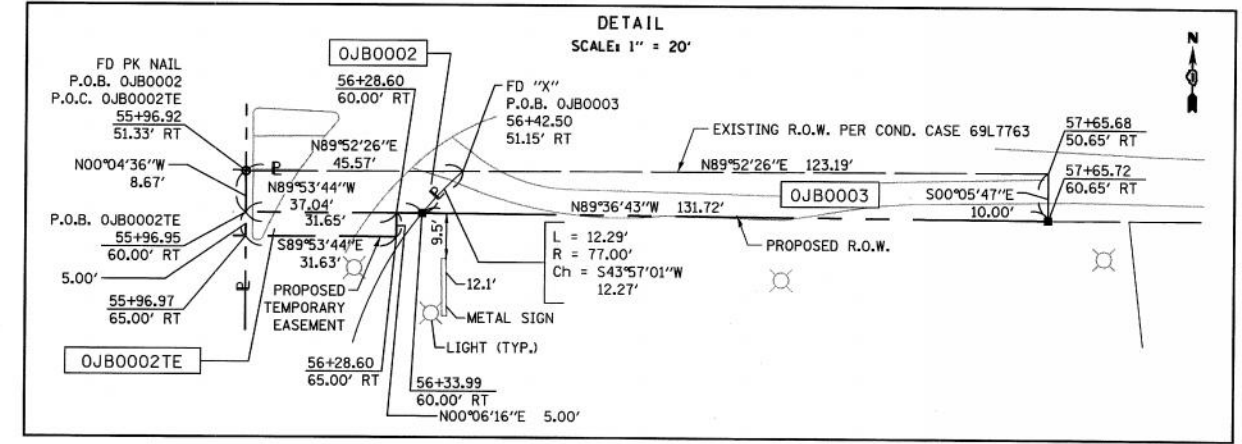
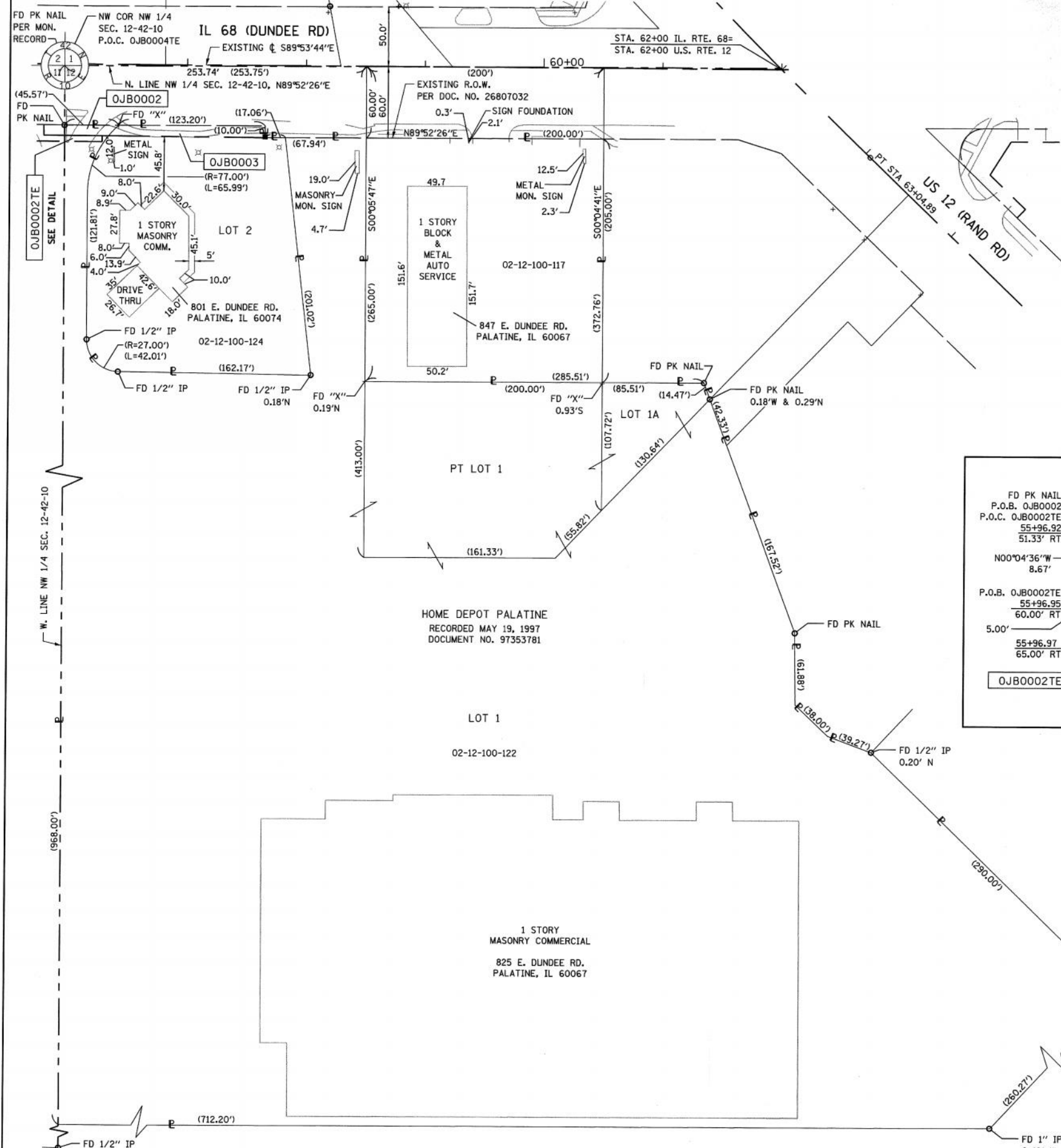
REVISION DATE: 8/22/14 REVISION MADE BY: RHL  
 REVISION DATE: 5/17/16 REVISION MADE BY: RHL  
 REVISION DATE: 7/27/16 REVISION MADE BY: RHL  
 ADDED COORDINATE CHART

PART OF THE NW 1/4 OF SECTION 12, TWP. 42 N., R.10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	PIN	TOTAL HOLDING	AREA TAKEN	AREA PREVIOUSLY USED	REMAINING AREA	EASEMENT AREA	PROPERTY ACQUIRED BY
OJB0002	02-12-100-122 & 02-12-100-123	11.786 Ac±	0.008 Ac (359 SF)±	NA	11.778 Ac±	NA	
OJB0002TE			NA	NA	NA	0.004 Ac (158 SF)±	
OJB0003	02-12-100-124	0.828 Ac±	0.028 Ac±	NA	0.800 Ac±	NA	

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- 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
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- EXISTING LIGHT POLE
- EXISTING SIGN
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- RIGHT OF WAY STAKING PROPOSED TO BE SET



STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF KANE )

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 1, 11 AND 12 TOWNSHIP 42 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE ILLINOIS DEPARTMENT OF TRANSPORTATION.  
 DATED AT ELGIN, ILLINOIS THIS 20 DAY OF August 2016 A.D.

COORDINATE TABLE

STATION	OFFSET	NORTHING	EASTING
55+45.22	€	1993452.86	1068088.31
55+96.95	60.00' RT	1993392.77	1068139.90
55+96.97	65.00' RT	1993387.77	1068139.91
56+28.60	60.00' RT	1993392.71	1068171.55
56+28.60	65.00' RT	1993387.71	1068171.54
56+33.99	60.00' RT	1993392.70	1068176.94
57+65.72	60.65' RT	1993391.81	1068308.67
62+00.00	€	1993451.67	1068743.06

*Rejena H. Lyon*  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302  
 LICENSE EXPIRATION DATE: 11/30/2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

FIELD WORK COMPLETED 5/17/2016.



**HAMPTON, LENZINI AND RENWICK, INC.**  
 CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS  
 380 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 847.697.6700 www.hlrengineering.com

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 IL 5368 (DUNDEE RD) AT US 12 (RAND RD)

LIMITS: AT US 12 COUNTY: COOK  
 SECTION: JOB NO.: R-90-008-12  
 STA. 50+00 TO STA. 56+00  
 SCALE: 1" = 50' SHEET 3 OF 4 SHEETS

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

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.  
 BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2007 ADJUSTMENT) GRID.  
 ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99994329.  
 AREAS SHOWN ON THIS PLAT ARE GROUND.  
 COORDINATES ARE ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (2007 ADJUSTMENT).

REVISION DATE: 8/22/14 REVISION MADE BY: RHL  
 REVISION DATE: 7/27/16 REVISION MADE BY: RHL  
 LICENSE EXPIRES 11/30/2016  
 ADDED COORDINATE CHART & REVISED OJB0003

PART OF THE SW 1/4 OF SECTION 1, TWP. 42 N., R.10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

COORDINATE TABLE				
STATION	OFFSET	NORTHING	EASTING	
55+45.22	€	1993452.86	1068088.31	
56+63.80	50.00' RT	1993813.99	1068341.97	
56+63.80	75.00' RT	1993797.87	1068322.85	
57+29.51	50.00' RT	1993763.56	1068384.93	
57+29.11	75.00' RT	1993747.50	1068365.66	
57+29.04	80.00' RT	1993744.35	1068361.88	
57+37.90	50.00' RT	1993757.16	1068390.45	
57+37.90	55.00' RT	1993753.89	1068386.66	
58+68.05	80.00' RT	1993638.69	1068454.95	
58+68.49	70.00' RT	1993645.05	1068462.68	
58+68.16	55.00' RT	1993654.59	1068474.27	
60+33.54	55.00' RT	1993532.88	1068586.91	
60+30.79	50.00' RT	1993538.33	1068588.63	
60+41.73	70.00' RT	1993516.55	1068581.75	
62+00.00	€	1993451.67	1068743.06	

PARCEL NUMBER	PIN	TOTAL HOLDING	AREA TAKEN	AREA PREVIOUSLY USED	REMAINING AREA	EASEMENT AREA	PROPERTY ACQUIRED BY
OJB0005	02-01-301-003	0.979 Ac±	0.522 Ac±	0.504 Ac±	0.457 Ac±	NA	
OJB0005TE			NA	NA	NA	0.059 Ac±	
OJB0006	02-01-301-006	0.522 Ac±	0.015 Ac±	NA	0.507 Ac±	NA	
OJB0006TE			NA	NA	NA	0.082 Ac±	
OJB0007TE	02-01-301-008	0.446 Ac±	NA	NA	NA	0.038 Ac±	

LEGEND

SECTION CORNER 16 SECTION CORNER

SECTION LINE  
 QUARTER SECTION LINE  
 QUARTER QUARTER SECTION LINE  
 PLATTED LOT LINES  
 PROPERTY CHED LINE  
 APPARENT PROPERTY LINE  
 EXISTING CENTERLINE  
 PROPOSED CENTERLINE  
 EXISTING RIGHT OF WAY LINE  
 PROPOSED RIGHT OF WAY LINE  
 PROPOSED EASEMENT  
 129.82'  
 129.82' (COMP)  
 129.82'  
 EXISTING BUILDINGS

GRAPHIC SCALE  
 50  
 SCALE: 1" = 50'

SECTION CORNER  
 QUARTER CORNER

○ IRON PIPE OR ROD FOUND  
 ○ "MAC" NAIL SET  
 ○ CROSS FOUND OR SET  
 ○ 5/8" REBAR SET  
 ○ EXISTING SIGN

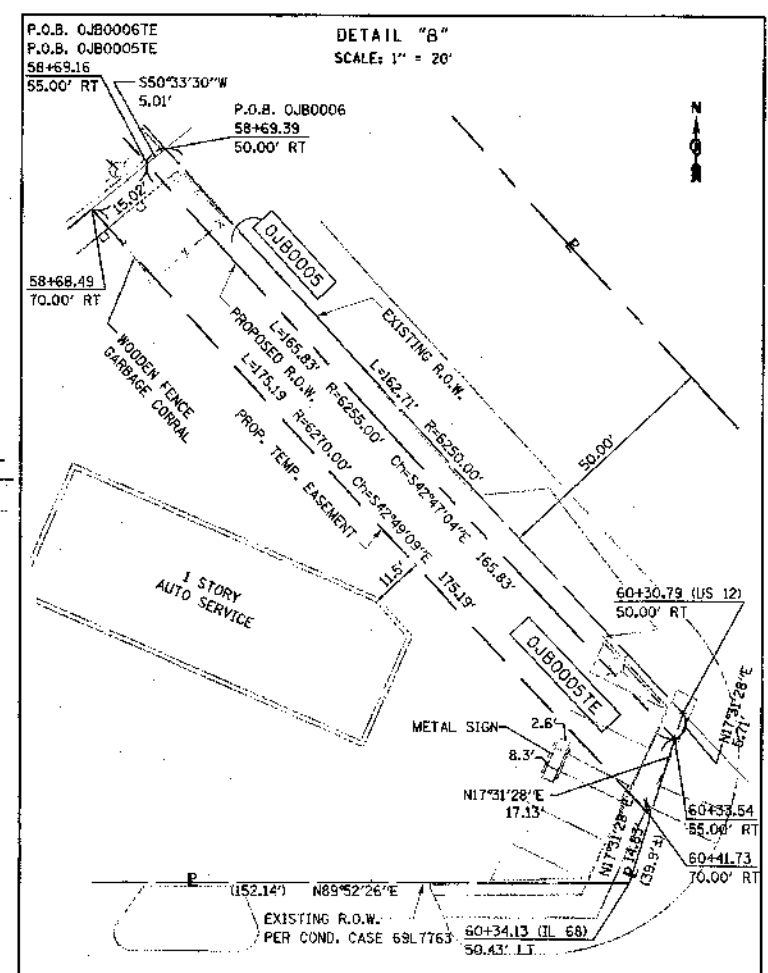
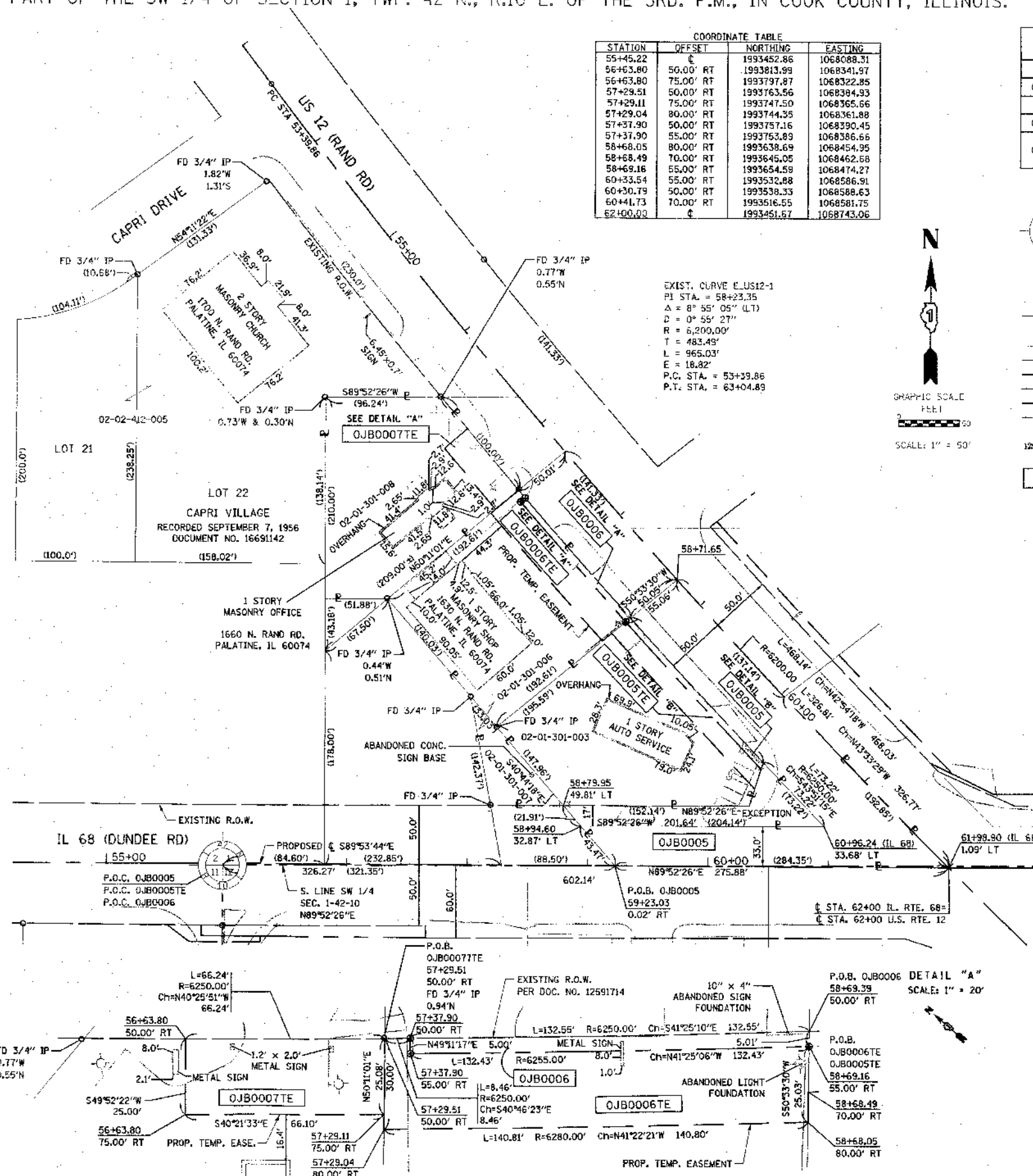
● THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO INDICATE IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET

EXIST. CURVE E.US12-1  
 PI STA. = 58+23.35  
 Δ = 8° 55' 05" (LT)  
 D = 0° 55' 27"  
 R = 6,200.00'  
 T = 483.49'  
 L = 965.03'  
 E = 18.82'  
 P.C. STA. = 53+39.86  
 P.T. STA. = 63+04.89



STATE OF ILLINOIS )  
 COUNTY OF KANE )

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 1, 11 AND 12 TOWNSHIP 42 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE ILLINOIS DEPARTMENT OF TRANSPORTATION. DATED AT ELGIN, ILLINOIS THIS 12th DAY OF October 2016 A.D.

REJENA H. LYON  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302  
 LICENSE EXPIRATION DATE: 11/30/2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

FIELD WORK COMPLETED 06/02/2016.

REJENA H. LYON  
 3302  
 PROFESSIONAL LAND SURVEYOR  
 STATE OF ILLINOIS  
 ELGIN, ILLINOIS

LICENSE EXPIRES 11/30/2016

HAMPTON, LENZINI AND RENWICK, INC.  
 CIVIL ENGINEERS • STRUCTURAL ENGINEERS • LAND SURVEYORS  
 380 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 847.697.6700 www.hlrengineering.com

184.000589  
 ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE CORPORATION  
 JOB: 12.0228.230

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 IL 5368 (DUNDEE RD) AT US 12 (RAND RD)

LIMITS: AT US 12 COUNTY: COOK  
 SECTION: JOB NO.: R-90-008-12  
 STA. 50+00 TO STA. 56+00  
 SCALE: 1" = 50' SHEET 4 OF 4 SHEETS

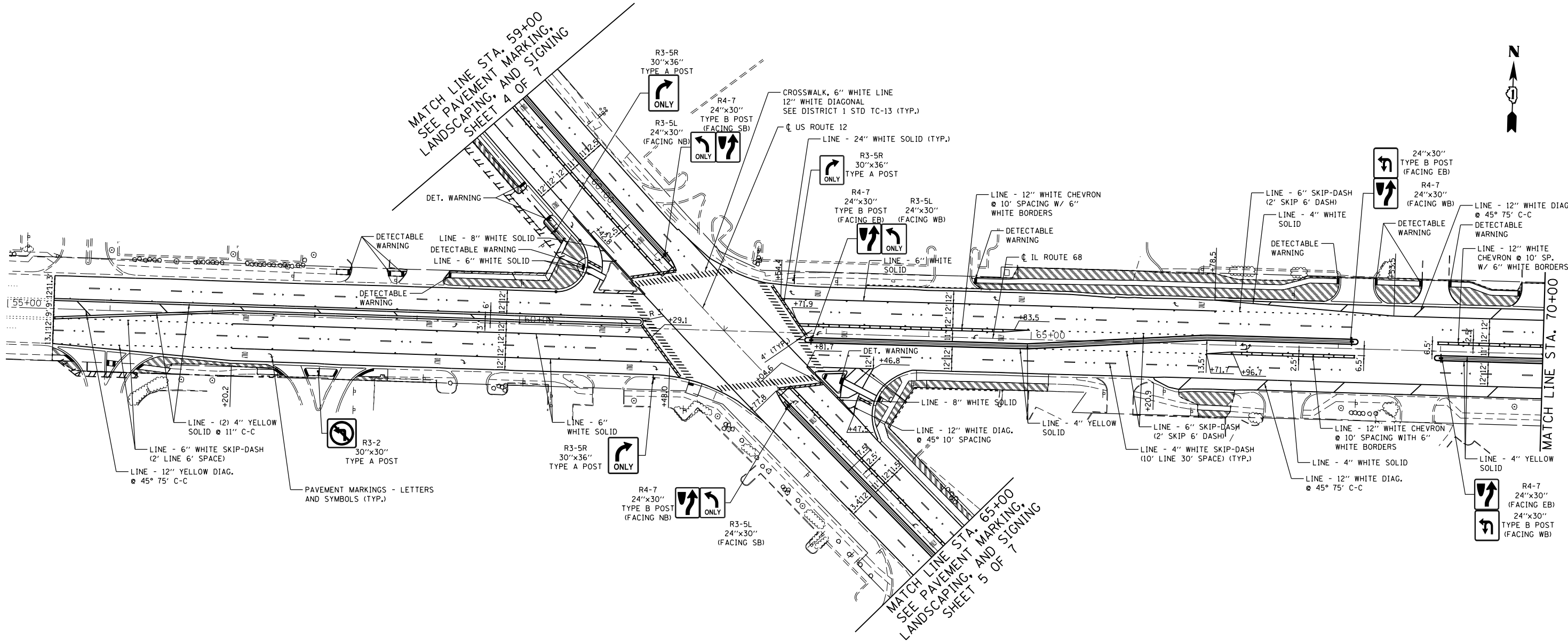
RECEIVED  
 OCT 13 2016  
 PLATS & LEGALS

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

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.  
 PLANNING AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM IN 1983 (2007 ADJUSTMENT) GRID.  
 ALL MEASURED AND CALCULATED DISTANCES ARE "GROUND TO GROUND" TO CENTER OF RODS UNLESS OTHERWISE SHOWN BY THE COMBINATION FACTOR OF 0.99994329.  
 ALL AS SHOWN ON THIS PLAT ARE GROUND.  
 COORDINATES ARE ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NAD 83 (2011 ADJUSTMENT).

REVISION DATE: 8/22/14 REVISION MADE BY: RHL  
 REVISION DATE: 6/02/16 REVISION MADE BY: RHL  
 REVISION DATE: 7/27/16 REVISION MADE BY: RHL  
 REVISION DATE: 10/11/16 REVISION MADE BY: RHL

ADDED COORDINATE CHART  
 REVISED OJB0007TE



**LEGEND**

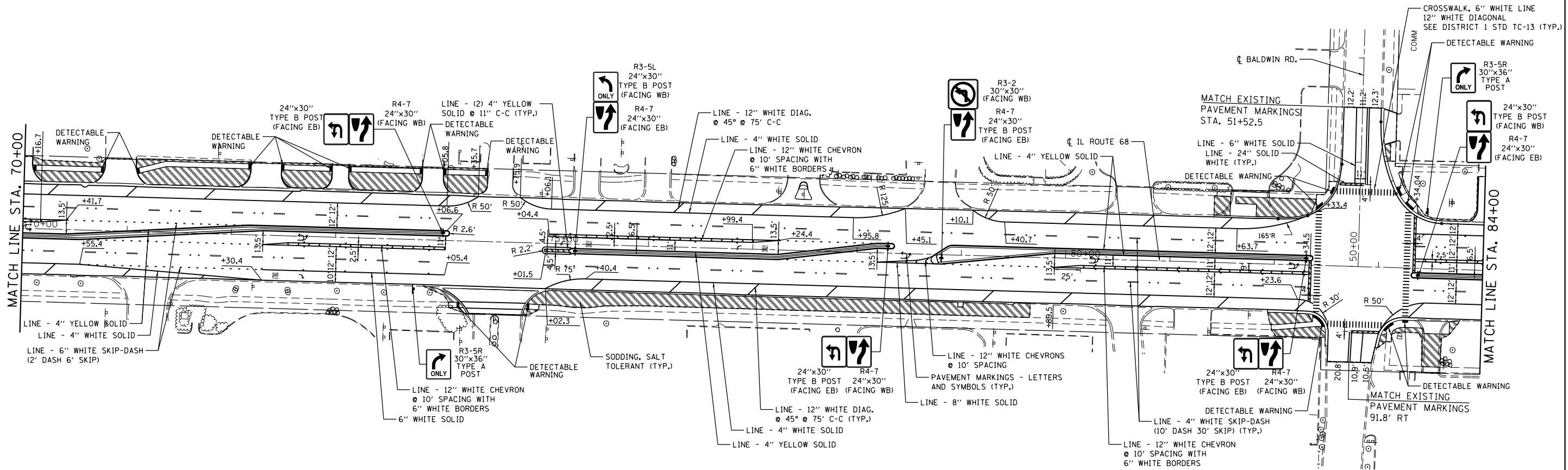
SODDING, SALT TOLERANT

**NOTE:**

- 1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

	USER NAME = Guest_2	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53 / IL 68 PAVEMENT MARKING, LANDSCAPING, AND SIGNING</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / in.	CHECKED - MHL	REVISED -			343	3041-N-2	COOK	226	99	
	PLOT DATE = 4/26/2019	DATE - 10/01/17	REVISED -			CONTRACT NO. 62A26					
						ILLINOIS FED. AID PROJECT					





**LEGEND**

SODDING, SALT TOLERANT

**NOTE:**

1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

	USER NAME = Guest_2	DESIGNED - RDT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53 / IL 68 PAVEMENT MARKING, LANDSCAPING, AND SIGNING</b>	F.A.P. RTE. 343	SECTION 3041-N-2	COUNTY COOK	TOTAL SHEETS 226	SHEET NO. 100		
	PLOT SCALE = 100.0000' / in.	CHECKED - MHL	REVISED -			SCALE: 1" = 50'	SHEET 2 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 62A26		
	PLOT DATE = 2/25/2019	DATE - 10/01/17	REVISED -			ILLINOIS FED. AID PROJECT						