

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 343: IL. RTE. 68 (DUNDEE ROAD)
AT IL RTE 83 (ELMHURST ROAD)
SECTION: 3041N-3(12)
PROJECT: ACCM-0343 (028)
INTERSECTION IMPROVEMENT

COOK COUNTY
C-91-133-13

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	COOK	78	1
		ILLINOIS	CONTRACT NO. 60V97	

D-91-133-13



LOCATION OF SECTION INDICATED THUS: -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE PROJECT IS LOCATED IN THE
VILLAGE OF WHEELING

TRAFFIC DATA:
IL RTE 68 2013 ADT = 27,600
POSTED SPEED LIMIT = 35 MPH

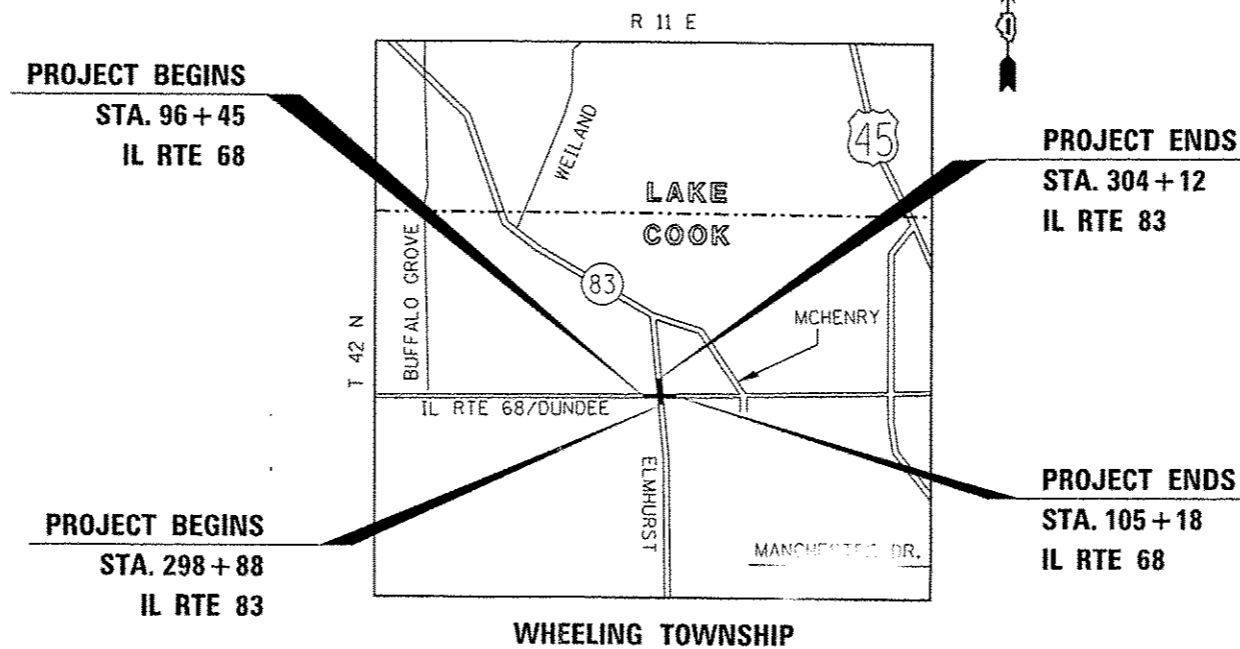
IL RTE 83 2013 ADT = 18,100
POSTED SPEED LIMIT = 40 MPH

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

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

PROJECT ENGINEER KARI SMITH (847) 705-4437
PROJECT MANAGER KEN ENG (847) 705-4247

CONTRACT NO. 60V97



IL RTE 68 / DUNDEE RD - GROSS AND NET LENGTH = 873 FT. = 0.17 MILE
IL RTE 83 / ELMHURST RD. - GROSS AND NET LENGTH = 524 FT. = 0.10 MILE
TOTAL GROSS AND NET LENGTH = 1397 FT. = 0.26 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED October 16 20 15
John E. Baranzelli
DEPUTY DIRECTOR OF HIGHWAYS, REGIONAL ENGINEER
Dec 4 20 15
John D. Baranzelli PE
ENGINEER OF DESIGN AND ENVIRONMENT
Dec 4 20 15
Omar Osman PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-08 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-02 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-02 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424016-02 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 424021-03 DEPRESSED CORNER FOR SIDEWALKS
- 442101-07 CLASS B PATCHES
- 602001-02 CATCH BASIN TYPE A
- 602011-02 CATCH BASIN TYPE C
- 602301-04 INLET - TYPE A
- 602401-03 MANHOLE TYPE A
- 602406-06 MANHOLE TYPE A 6' (1.8 m) DIAMETER
- 602601-03 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 604001-04 FRAME AND LIDS TYPE 1
- 604091-03 FRAME AND GRATE TYPE 24
- 606001-06 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701101-04 OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701427-03 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS
- 701606-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-09 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-04 TRAFFIC CONTROL DEVICES
- 814001-03 HANDHOLES

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 HOURS NOTIFICATION IS REQUIRED).

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

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

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.

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

ANY DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

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

LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (OR COMBINATION CURB AND GUTTER, WITH THE TYPE SPECIFIED ON THE PLANS), WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

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

FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAMES AND LIDS UNLESS OTHERWISE SPECIFIED IN THE PLANS.

FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE PROJECT LIMITS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

SIDEWALK REMOVAL AND P.C.C. SIDEWALK, 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

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

THE ENGINEER SHALL CONTACT JOE ECKERT, AREA TRAFFIC FIELD ENGINEER (OR TECHNICIAN), AT joe.eckert@illinois.gov A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

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

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

FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS & GENERAL NOTES IL. ROUTE 68 AT IL. ROUTE 83 / ELMHURST ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084810\INTEG.illinois.gov\FWIDT\Documents\DOT Offices\District 1\Projects\PI2015\084810\Design\PI24012-shr-gemata.dwg		REVISOR -	REVISOR -			343	304IN-3H2I	COOK	78	2
PLOT SCALE = 100.0000 1" = 100'		CHECKED -	REVISOR -			SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.
PLOT DATE = 10/22/2015		DATE -	REVISOR -	ILLINOIS FED. AID PROJECT						CONTRACT NO. 60Y97

SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 80% FED 20% STATE STATE URBAN	0021 80% FED 20% STATE TRAFFIC SIGNALS	0021 100% WHEELING EVP		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	45	45				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	20	20				
20101000	TEMPORARY FENCE	FOOT	114	114				
20101100	TREE TRUNK PROTECTION	EACH	6	6				
20200100	EARTH EXCAVATION	CU YD	407	407				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	210	210				
20800150	TRENCH BACKFILL	CU YD	253	253				
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	210	210				
21101625	TOPSOIL FURNISH AND PLACE, 6"	SG YD	1271	1271				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	16	16				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	16	16				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	16	16				
25200110	SODDING, SALT TOLERANT	SG YD	1271	1271				
25200200	SUPPLEMENTAL WATERING	UNIT	13	13				
28000400	PERIMETER EROSION BARRIER	FOOT	211	211				

SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 80% FED 20% STATE STATE URBAN	0021 80% FED 20% STATE TRAFFIC SIGNALS	0021 100% WHEELING EVP		
28000510	INLET FILTERS	EACH	15	15				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SG YD	1260	1260				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SG YD	435	435				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10	10				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "0", N50	TON	49	49				
42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SG YD	869	869				
42001200	PAVEMENT FABRIC	SG YD	869	869				
42101300	PROTECTIVE COAT	SG YD	1160	649		511		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SG YD	261	261				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SG FT	4598	4598				
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SG FT	1461	1461				
44000200	DRIVEWAY PAVEMENT REMOVAL	SG YD	408	408				
44000400	GUTTER REMOVAL	FOOT	455	455				*-SPECIALTY ITEMS

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SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 80% FED 20% STATE STATE URBAN	0021 80% FED 20% STATE TRAFFIC SIGNALS	0021 100% WHEELING EVP		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	849	849				
44000600	SIDEWALK REMOVAL	SQ FT	3510	3510				
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	90	90				
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	270	270				
44201299	DOWEL BARS 1 1/2"	EACH	296	296				
44213100	PAVEMENT FABRIC	SQ YD	270	270				
44213200	SAW CUTS	FOOT	1072	1072				
44213204	TIE BARS 3/4"	EACH	72	72				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	264	264				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	15	15				
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	162	162				
55100500	STORM SEWER REMOVAL 12"	FOOT	360	360				
55100700	STORM SEWER REMOVAL 15"	FOOT	15	15				
60107600	PIPE UNDERDRAINS 4"	FOOT	923	923				
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	60	60				

SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 80% FED 20% STATE STATE URBAN	0021 80% FED 20% STATE TRAFFIC SIGNALS	0021 100% WHEELING EVP			
60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE I FRAME, OPEN LID	EACH	3	3					
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	7	7					
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE I FRAME, CLOSED LID	EACH	4	4					
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE I FRAME, CLOSED LID	EACH	1	1					
60224446	MANHOLES, TYPE A, 7' -DIAMETER, TYPE I FRAME, CLOSED LID	EACH	1	1					
60224459	MANHOLES, TYPE A, 8' -DIAMETER, TYPE I FRAME, CLOSED LID	EACH	1	1					
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1	1					
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE I FRAME, CLOSED LID	EACH	2	2					
60255410	CATCH BASINS TO BE CLEANED	EACH	7	7					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	3	3					
60500040	REMOVING MANHOLES	EACH	3	3					
60500050	REMOVING CATCH BASINS	EACH	5	5					
12	NON-PARTICIPATING							*-SPECIALTY ITEMS	

SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 80% FED 20% STATE STATE URBAN	0021 80% FED 20% STATE TRAFFIC SIGNALS	0021 100% WHEELING EVP		
60500060	REMOVING INLETS	EACH	2	2				
60602800	CONCRETE GUTTER, TYPE B	FOOT	464	464				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	344	344				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	535	535				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	210	210				
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	L SUM	1	1				
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	6	6				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3370	3370				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	292	292				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3854	3854				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2545	2545				

SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 80% FED 20% STATE STATE URBAN	0021 80% FED 20% STATE TRAFFIC SIGNALS	0021 100% WHEELING EVP		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	67	67				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	186	186				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	3286	3286				
* 72000200	SIGN PANEL - TYPE 2	SO FT	53		53			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	37	37				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1638	1638				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1245	1245				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	36	36				
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	364	364				
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	3467	3467				
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	526	526				
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	97	97				

*-SPECIALTY ITEMS

FILE NAME :	USER NAME : STREATERJR	DESIGNED -	REVISED -
PROJECT :	OFFICE :	CHECKED -	REVISED -
PLOT SCALE :	PLOT DATE :	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A. RTE. 343	SECTION 3041N-3 (12)	COUNTY COOK	TOTAL SHEETS 78	SHEET NO. 5
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 60V97

SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE							
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 80% FED. 20% STATE STATE URBAN	0021 80% FED. 20% STATE TRAFFIC SIGNALS	0021 100% WHEELING EVP				CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 80% FED. 20% STATE STATE URBAN	0021 80% FED. 20% STATE TRAFFIC SIGNALS	0021 100% WHEELING EVP			
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	241	241						* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3		3				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	162	162						* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	1		1				
78300100	PAVEMENT MARKING REMOVAL	50 FT	3791	3791						* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	6823		6823				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	129	129						* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1438		1438				
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1		1					* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1841		1841				
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2228		2228					* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1437		1437				
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	54		54					* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2777		2777				
* 81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	26		26					* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4268		4268				
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	491		491					* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	61		61				
* 81400100	HANDHOLE	EACH	6		6					* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	541		541				
* 81400200	HEAVY-DUTY HANDHOLE	EACH	4		4					* 87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	2		2				
* 81400300	DOUBLE HANDHOLE	EACH	2		2														

*-SPECIALTY ITEMS

SUMMARY OF QUANTITIES				URBAN CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES				URBAN CONSTRUCTION TYPE CODE								
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 80% FED 20% STATE STATE URBAN	0021 80% FED 20% STATE TRAFFIC SIGNALS	0021 100% WHEELING EVP					CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 80% FED 20% STATE STATE URBAN	0021 80% FED 20% STATE TRAFFIC SIGNALS	0021 100% WHEELING EVP					
* 87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1		1						* 88500100	INDUCTIVE LOOP DETECTOR	EACH	14		14						
* 87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1		1						* 88600100	DETECTOR LOOP, TYPE I	FOOT	968		968						
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4						* 88700200	LIGHT DETECTOR	EACH	2				2				
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	56		56						* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1				1				
* 87900200	DRILL EXISTING HANDHOLE	EACH	3		3						* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	8		8						
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5		5						* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1						
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1						* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4237		4237						
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	7		7						* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1						
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7		7						* 89502380	REMOVE EXISTING HANDHOLE	EACH	11		11						
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8						* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1						
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12		12						* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8		8						
											* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	345				345				
											* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	4237		4237						
											* X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1		1						

* - SPECIALTY ITEMS

SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 80% FED 20% STATE STATE URBAN	0021 80% FED 20% STATE TRAFFIC SIGNALS	0021 100% WHEELING EVP		
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	7	7				
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	100	100				
X6020094	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1				
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	50 FT	292	292				
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	3854	3854				
X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	2545	2545				
X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	67	67				
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	186	186				
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1			
* X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	6892		6892			
* Z0007510	ENGINEERED BARRIER	50 YD	70	70				

SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004 80% FED 20% STATE STATE URBAN	0021 80% FED 20% STATE TRAFFIC SIGNALS	0021 100% WHEELING EVP		
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1				
Z0030850	TEMPORARY INFORMATION SIGNING	50 FT	102.8	102.8				
* Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1		1			
Z0056668	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	50	50				
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1			

NON-PARTICIPATING

*-SPECIALTY ITEMS

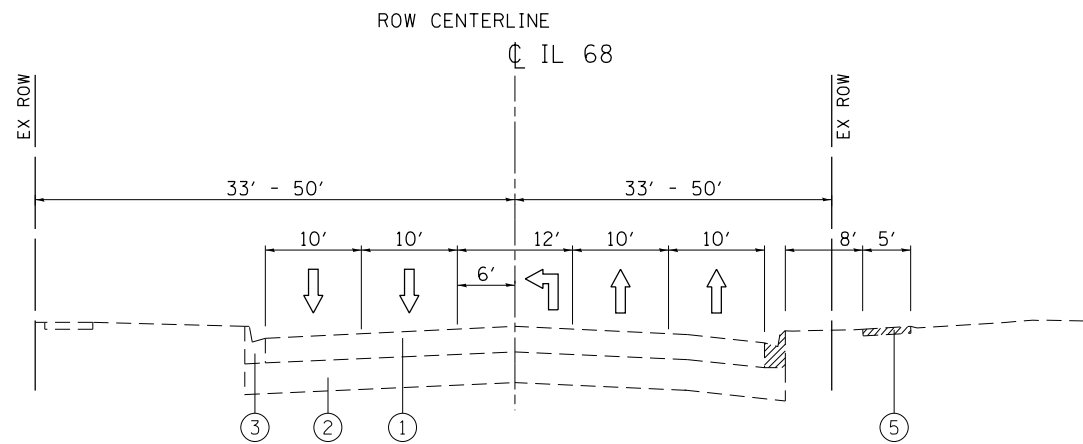
FILE NAME :	USER NAME : STREATERJR	DESIGNED -	REVISED -
Office District : NP/Projects/P124512/CADD/Design/P124512/20R/AMM.dgn		CHECKED -	REVISED -
PLOT SCALE : 1/8" = 1'-0"		DATE -	REVISED -
PLOT DATE : 10/22/2015			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

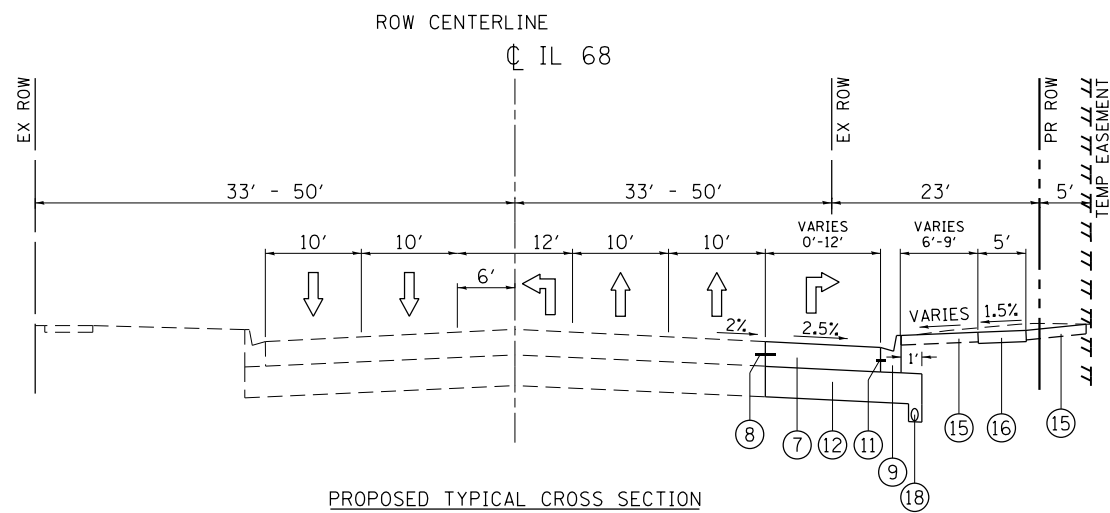
SUMMARY OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	304IN-3 (12)	COOK	78	8
CONTRACT NO. 60V97				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL CROSS SECTION
IL ROUTE 68 (DUNDEE RD)
STA 96+45 TO STA 100+93

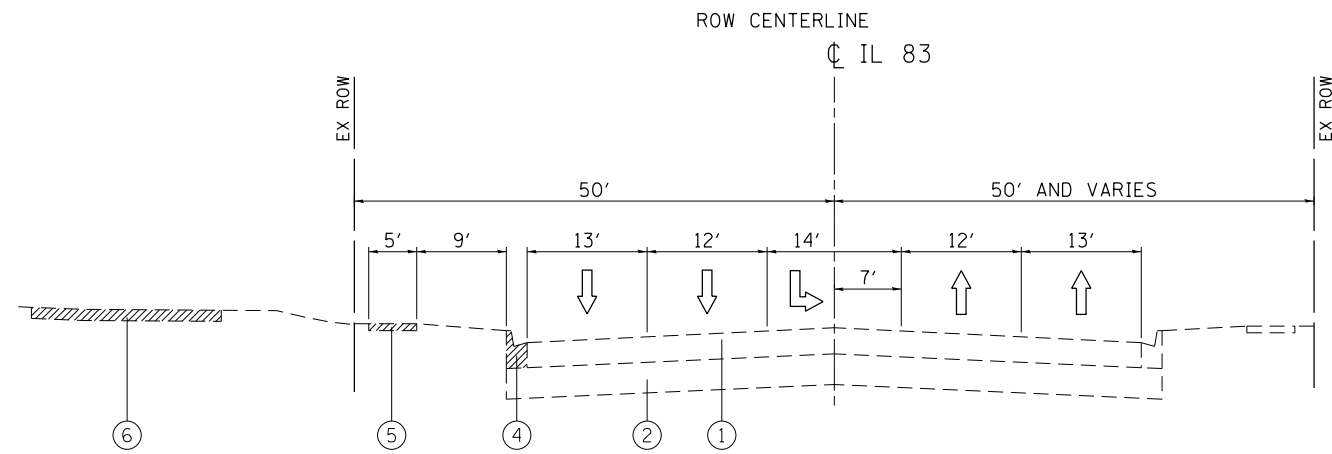


PROPOSED TYPICAL CROSS SECTION
IL ROUTE 68 (DUNDEE RD)
STA 96+45 TO STA 100+93

LEGEND:

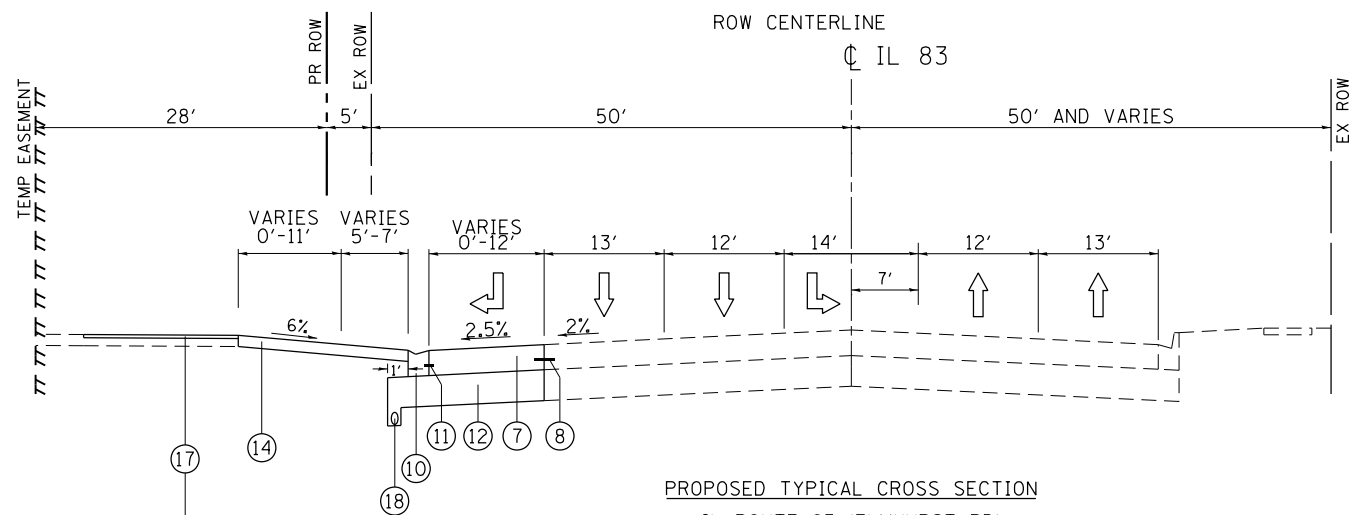
- ① EXISTING P.C.C. PAVEMENT, ± 9¾" - 10"
- ② EXISTING AGGREGATE SUB-GRADE, 6"-12"
- ③ EXISTING COMB CONC CURB AND GUTTER, TYPE B-6.12
- ④ EXISTING COMB CONC CURB AND GUTTER, TYPE B-6.24
- ⑤ EXISTING P.C.C. SIDEWALK
- ⑥ PROPOSED PARKING LOT SURFACE REMOVAL, 2"
- ⑦ PROPOSED P.C.C. PAVEMENT 9¾" (JOINTED) (SEE ROADWAY PLAN)
- ⑧ PROPOSED DRILL & GROUT (#8) EPOXY COATED DEFORMED STEEL TIE BAR, 24" C-C *COST INCLUDED IN P.C.C. PAVEMENT 9¾" (JOINTED)
- ⑨ PROPOSED COMB CONC CURB AND GUTTER, TYPE B-6.24
- ⑩ PROPOSED CONC GUTTER, TYPE B
- ⑪ PROPOSED TIE BARS (SEE DISTRICT DETAIL BD-24)
- ⑫ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑭ PROPOSED P.C.C. DRIVEWAY PAVEMENT, 8" (C.E.)
- ⑮ PROPOSED TOPSOIL EXCAVATION AND PLACEMENT, 6" AND SODDING, SALT TOLERANT
- ⑯ PROPOSED P.C.C. SIDEWALK, 5" (NOTE: PROPOSED P.C.C. SIDEWALK ACROSS A P.C.C. COMMERCIAL ENTRANCE SHALL BE 8")
- ⑰ PROPOSED HMA SURFACE COURSE, MIX "D, N50, (IL-9.5 mm), 2" (PARKING LOT) NOTE: SEE PLAN SHEETS FOR LOCATIONS
- ⑱ PROPOSED PIPE UNDERDRAIN, 4"

FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS IL ROUTE 68 AT IL ROUTE 83 / ELMHURST ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\PI24812\Design\PI24812-sht-genote.dgn		CHECKED -	REVISED -		343	3041N-3(12)	COOK	78	9			
Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -		CONTRACT NO. 60V97							
	PLOT DATE = 10/20/2015				ILLINOIS FED. AID PROJECT							



EXISTING TYPICAL CROSS SECTION

IL ROUTE 83 (ELMHURST RD)
STA 298+88 TO STA 304+12



PROPOSED TYPICAL CROSS SECTION

IL ROUTE 83 (ELMHURST RD)
STA 298+88 TO STA 304+12

NOTE: FOR LOCATIONS, SEE PLAN SHEETS

LEGEND:

- ① EXISTING P.C.C. PAVEMENT, ± 9¾" - 10"
- ② EXISTING AGGREGATE SUB-GRADE, 6"-12"
- ③ EXISTING COMB CONC CURB AND GUTTER, TYPE B-6.12
- ④ EXISTING COMB CONC CURB AND GUTTER, TYPE B-6.24
- ⑤ EXISTING P.C.C. SIDEWALK
- ⑥ PROPOSED PARKING LOT SURFACE REMOVAL, 2"
- ⑦ PROPOSED P.C.C. PAVEMENT 9¾" (JOINTED) (SEE ROADWAY PLAN)
- ⑧ PROPOSED DRILL & GROUT (#8) EPOXY COATED DEFORMED STEEL TIE BAR, 24" C-C *COST INCLUDED IN P.C.C. PAVEMENT 9¾" (JOINTED)
- ⑨ PROPOSED COMB CONC CURB AND GUTTER, TYPE B-6.24
- ⑩ PROPOSED CONC GUTTER, TYPE B
- ⑪ PROPOSED TIE BARS (SEE DISTRICT DETAIL BD-24)
- ⑫ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑭ PROPOSED P.C.C. DRIVEWAY PAVEMENT, 8" (C.E.)
- ⑮ PROPOSED TOPSOIL EXCAVATION AND PLACEMENT, 6" AND SODDING, SALT TOLERANT
- ⑯ PROPOSED P.C.C. SIDEWALK, 5" (NOTE: PROPOSED P.C.C. SIDEWALK ACROSS A P.C.C. COMMERCIAL ENTRANCE SHALL BE 8")
- ⑰ PROPOSED HMA SURFACE COURSE, MIX "D, N50, (IL-9.5 mm), 2" (PARKING LOT) NOTE: SEE PLAN SHEETS FOR LOCATIONS
- ⑱ PROPOSED PIPE UNDERDRAIN, 4"

FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -
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Default	PLOT DATE = 10/20/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
IL ROUTE 68 AT IL ROUTE 83 /ELMHURST ROAD

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	COOK	78	10
				CONTRACT NO. 60V97
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE

1 LOCATION	2 EARTH EXCAVATION (CU. YD)	3 EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	4 EMBANKMENT (CU. YD)	5 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU. YD)
IL. RTE. 68 AND ELMHURST COMBINED	407	346	0	346

COLUMNS 1, 2, & 4 LOCATION AND QUANTITIES FROM CROSS SECTIONS:
CUT = EARTH EXCAVATION, FILL = EMBANKMENT

COLUMN 3 QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR SHRINKAGE FACTOR OF 15%.

COLUMN 5 EARTHWORK REQUIRED:
(-) = QUANTITY OF FILL OR EMBANKMENT NEEDED (FURNISHED OR BORROW EXCAVATION)
(+) = QUANTITY TO BE WASTED.

TREE REMOVAL SCHEDULE

ROADWAY	STATION AND OFFSET	6 TO 15 UNITS	OVER 15 UNITS
IL. RTE. 68 / DUNDEE ROAD	97+03 / 46.2 RT	6	
	97+64.4 / 32.8 RT	7	
	98+02.8 / 32.7 RT	6	
	98+74.0 / 42.7 RT		20
IL. RTE. 83 / ELMHURST ROAD	302+02.6 / 39 LT	12	
IL. RTE. 83 / ELMHURST ROAD	302+76.8 / 39.4 LT	8	
IL. RTE. 83 / ELMHURST ROAD	303+66.5 / 39.6 LT	6	
TOTAL:		45	20

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

MIXTURE TYPE	AIR Voids (%) @ Ndes	OMP
PARKING LOT		
HMA SURFACE COURSE MIX "D", N50, (IL-9.5mm), 2"	4% @ 50 GYR.	OC / QA

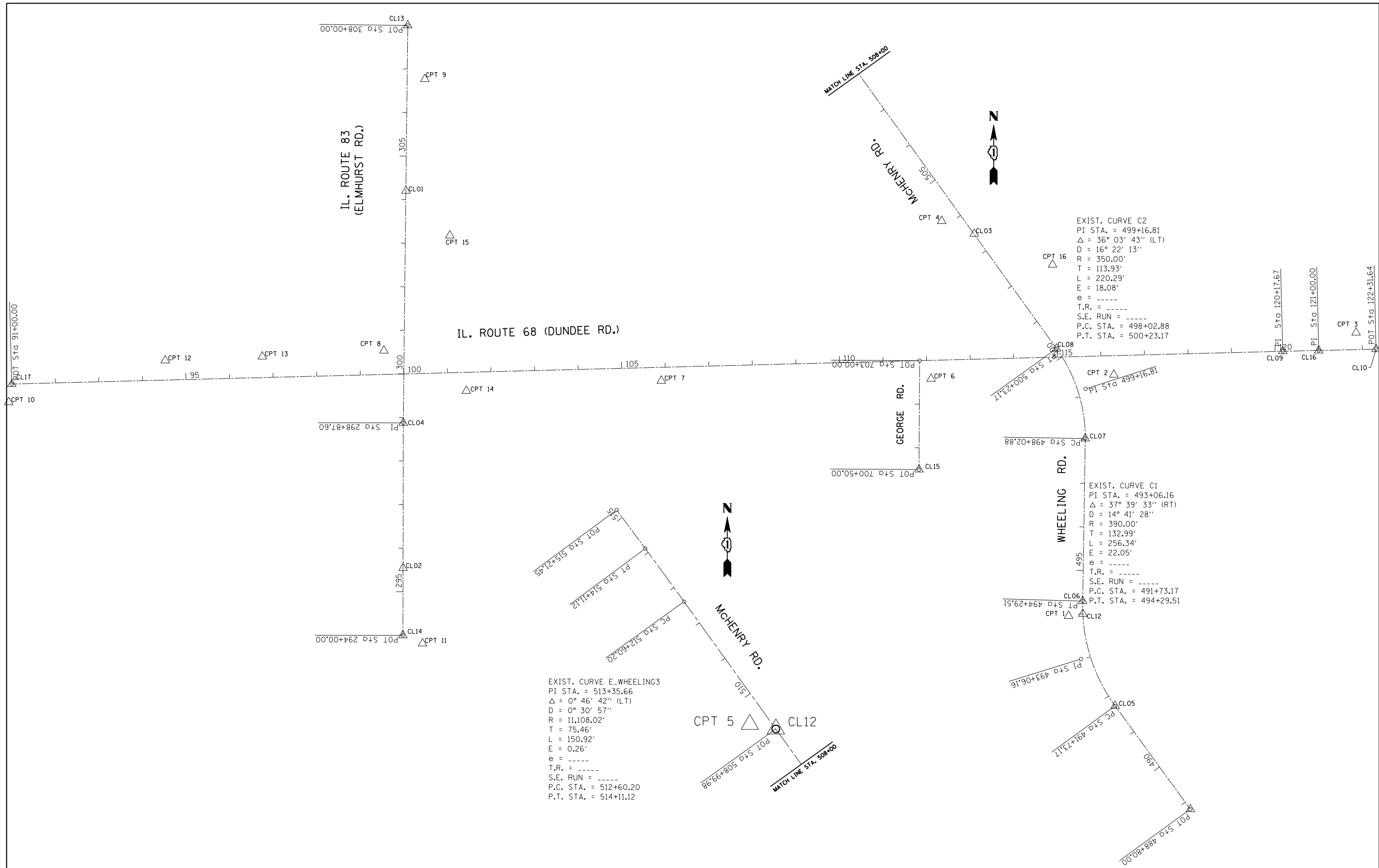
OMP Designation: Quality Control/Quality Assurance (OC/QA); Quality Control for Performance (QCP).

NOTES:

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

FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE MIXTURE.



FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\PI24812\Design\PI24812-shr-genote.dgn		REVISED -	REVISED -
Default	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIES AND BENCHMARKS
IL. RTE. 68 (DUNDEE RD.) AT IL. RTE. 83**

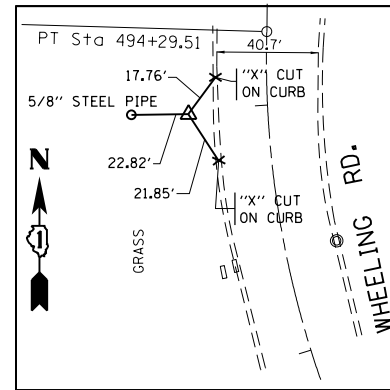
SCALE: 1"=100' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3 (12)	COOK	78	12
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				

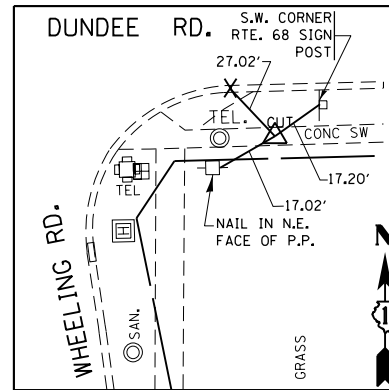
ALIGNMENT COORDINATES - IL. RTE. 68 (DUNDEE ROAD)				
IL. 68	STATION	N	E	
POT	91+00	1993538.8676	1090936.7768	
PI	120+17.67	1993614.0447	1093853.4755	
PI	121+00	1993615.9281	1093935.7866	
POT	122+31.64	1993618.9395	1094067.3918	

ALIGNMENT COORDINATES - IL. RTE. 83				
IL. 83	STATION	N	E	
POT	294+00	1992962.0666	1091834.4113	
PI	298+87.6	1993449.6649	1091835.2182	
POT	308+00	1994362.0083	1091845.4732	

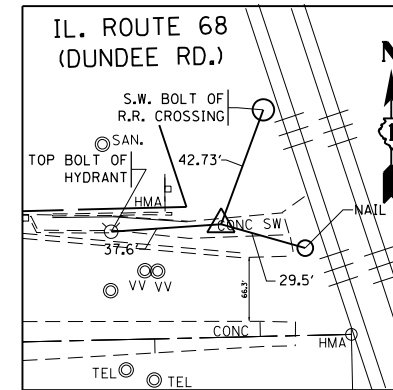
ALIGNMENT COORDINATES - WHEELING RD. - MCHENRY RD.				
	STATION	N	E	
POT	448+80	1992562.9489	1093641.2284	
PC	491+73.17	1992800.0516	1093468.7971	
PI	493+01.34	1992907.6086	1093390.5770	
PT	494+29.51	1993040.5467	1093394.3670	
PC	498+02.88	1993413.8716	1093400.2010	
PI	499+13.03	1993527.8013	1093400.8013	
PT	500+23.17	1993620.2533	1093334.2207	
PC	512+60.20	1994624.0684	1092611.3083	
PI	513+35.66	1994685.3000	1092567.2100	
PT	514+11.12	1994745.9314	1092522.2834	
POT	515+21.45	1994834.5776	1092456+5963	



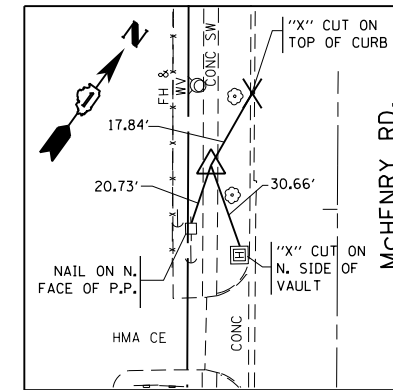
CONTROL POINT #1
SET CROSS IN PAVEMENT
STATION 493+97.24, 32.68 LT.
N 1993006.520
E 1093362.148
ELEVATION 649.599



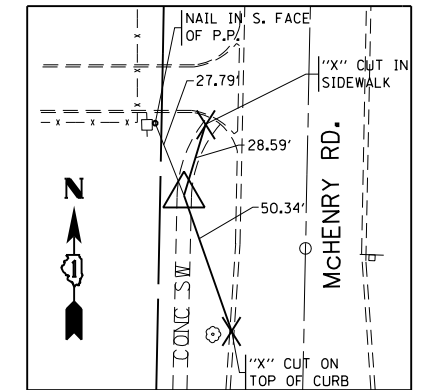
CONTROL POINT #2
SET CROSS ON SIDEWALK
STATION 116+28.79, 43.78 RT.
N 1993560.2540
E 1093465.8530
ELEVATION 649.011



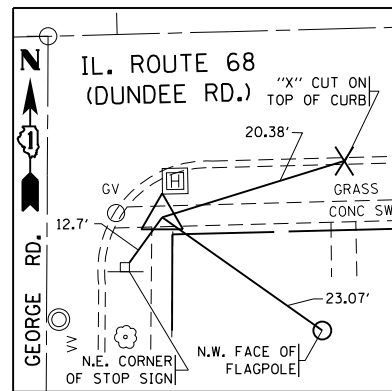
CONTROL POINT #3
STEEL METALLIC NAIL IN SIDEWALK
STATION 121+86.85, 39.03 LT.
N 1993656.9350
E 1094021.7200
ELEVATION 653.835



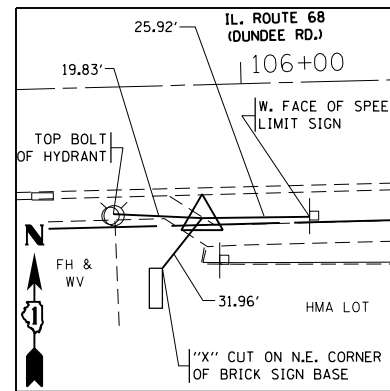
CONTROL POINT #4
SET CROSS IN SIDEWALK
STATION 504+14.65, 42.67' LT.
N 1993912.9690
E 1093070.8360
ELEVATION 650.428



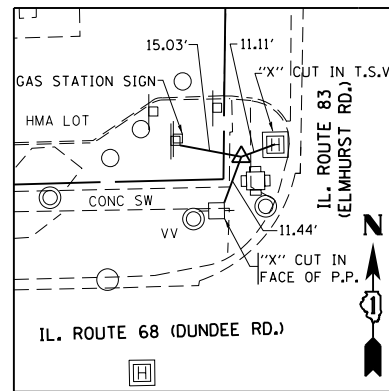
CONTROL POINT #5
SET CROSS IN SIDEWALK
STATION 509+43.55, 42.29' LT.
N 1994342.3780
E 1092762.0620
ELEVATION 653.160



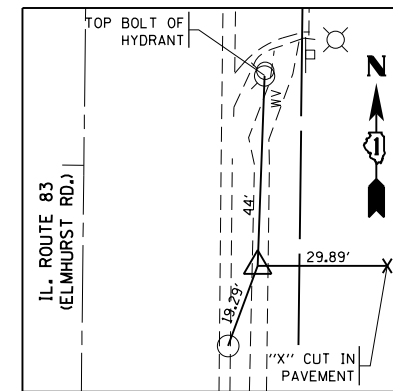
CONTROL POINT #6
SET CROSS IN SIDEWALK
STATION 112+09.32, 42.57' RT.
N 1993550.6560
E 1093046.4930
ELEVATION 649.937



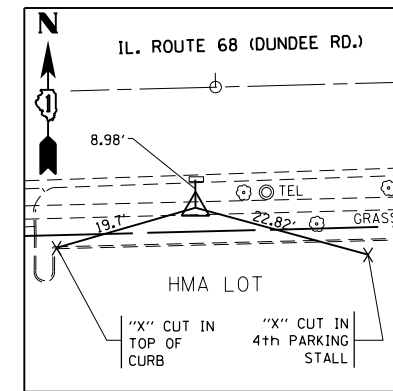
CONTROL POINT #7
SET CROSS IN SIDEWALK
STATION 105+00.19, 30.88' RT.
N 1993546.3920
E 1092427.2640
ELEVATION 649.937



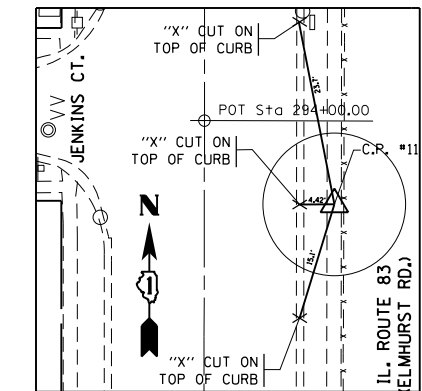
CONTROL POINT #8
SET CROSS IN SIDEWALK
STATION 99+55.60, 54.63' LT. (IL. RTE. 68)
STATION 300+52.95, 54.46' LT. (IL. RTE. 83)
N 1993615.5260
E 1091790.6820
ELEVATION 652.039



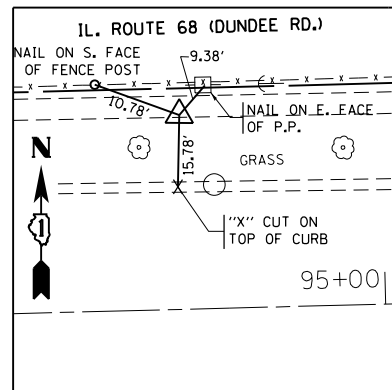
CONTROL POINT #9
SET CROSS IN SIDEWALK
STATION 306+77.15, 40.49' RT. (IL. RTE. 83)
N 1994238.7120
E 1091884.5800
ELEVATION 653.092



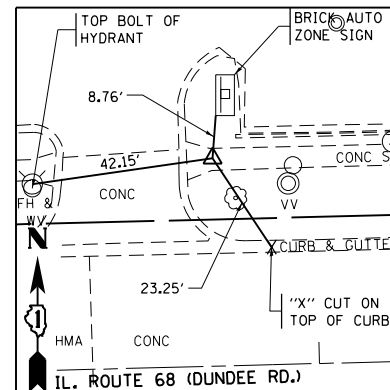
CONTROL POINT #10
SET CROSS IN SIDEWALK
STATION 90+91.96, 41.66' RT. (IL. RTE. 68)
N 1993497.0100
E 1090929.8110
ELEVATION 652.585



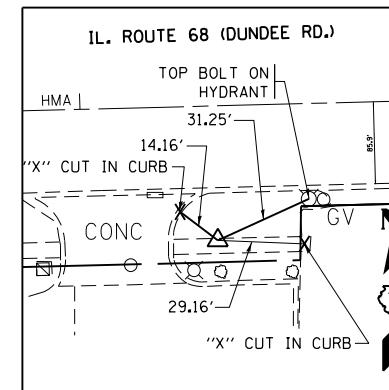
CONTROL POINT #11
SET CROSS IN SIDEWALK
STATION 293+81.30, 45.01' RT. (IL. RTE. 83)
N 1992943.2900
E 1091879.3960
ELEVATION 654.644



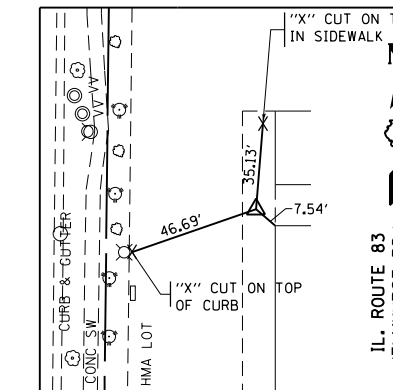
CONTROL POINT #12
SET CROSS IN SIDEWALK
STATION 94+53.31, 45.02' LT. (IL. RTE. 68)
N 1993592.9750
E 1091288.8120
ELEVATION 651.919



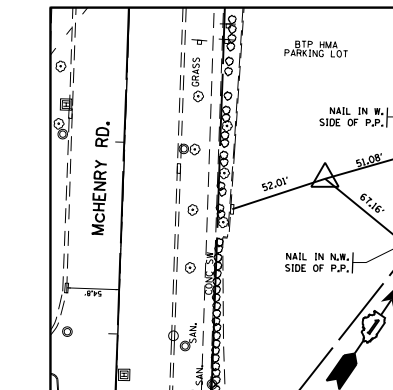
CONTROL POINT #13
SET CROSS IN SIDEWALK
STATION 96+76.47, 48.16' LT. (IL. RTE. 68)
N 1993601.8680
E 1091511.8160
ELEVATION 651.620



CONTROL POINT #14
SET CROSS IN SIDEWALK
STATION 101+42.45, 42.46' RT. (IL. RTE. 68)
N 1993523.2800
E 1091979.9740
ELEVATION 651.367



CONTROL POINT #15
SET CROSS IN SIDEWALK
STATION 303+19, 102.02' RT. (IL. RTE. 83)
N 1993879.8910
E 1091942.0790
ELEVATION 653.522



CONTROL POINT #16
SET CROSS IN PARKING LOT
STATION 501+84.76, 104.96' RT. (MCHENRY RD.)
N 1993812.7000
E 1093324.9780
ELEVATION 650.200

SITE BENCHMARK #1

R.R. SPIKE ON NORTH SIDE OF 1st POWER POLE NORTH OF EASTERLY COMMONWEALTH EDISON TOWER SOUTH OF DUNDEE RD. ON WEST SIDE OF WHEELING RD. ELEVATION 650.70

SITE BENCHMARK #2

R.R. SPIKE ON NORTH SIDE OF POWER POLE WITH LIGHT AT SOUTHEAST CORNER OF DUNDEE RD. AND WHEELING RD. ELEVATION 649.59

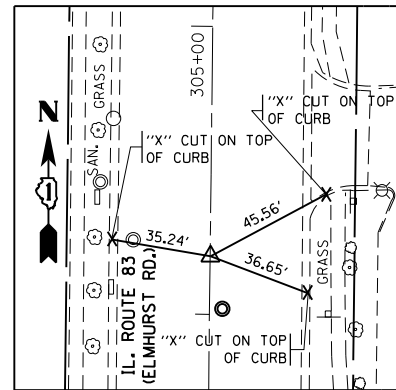
SITE BENCHMARK #3

TAG BOLT ON 2nd HYDRANT NORTH OF DUNDEE RD. ON WEST SIDE OF MCHENRY RD. ELEVATION 652.16

SITE BENCHMARK #4

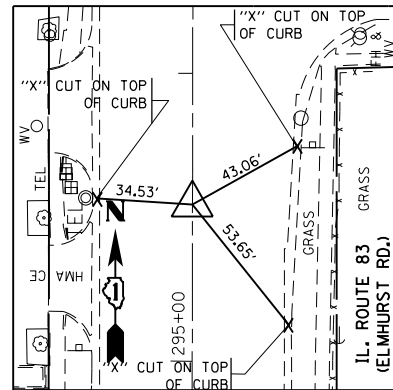
ARROW BOLT ON HYDRANT AT NORTHWEST CORNER OF GEORGE RD. AND NORTH WAYNE PL. ELEVATION 652.15

FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES AND BENCHMARKS IL. RTE. 68 (DUNDEE RD.) AT IL. RTE. 83	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\1\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI2481\Design\PI2481-sh1-genote.dgn		CHECKED -	REVISED -			343	304IN-3 (12)	COOK	78	13	
Default		DATE -	REVISED -			CONTRACT NO. 60V97					
						ILLINOIS FED. AID PROJECT					



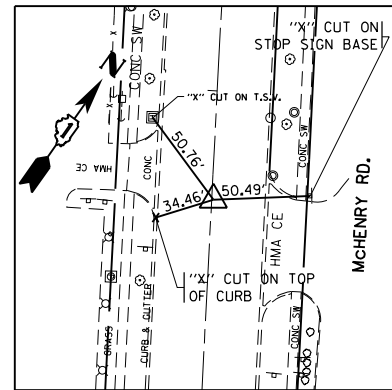
CONTROL POINT #CL01

SET CROSS IN C (IL. RTE. 83)
 STATION 304+20.22, 0.15' RT. (IL. RTE. 83)
 N 1993982.2480
 E 1091841.3530
 ELEVATION 651.961



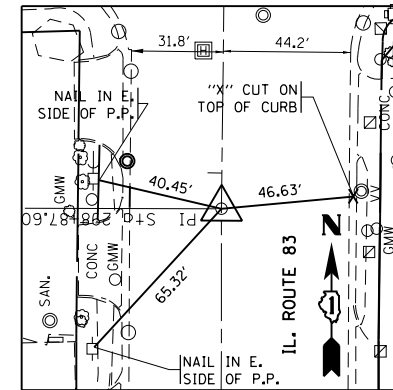
CONTROL POINT #CL02

SET CROSS IN C (IL. RTE. 83)
 STATION 295+54.41, 0.06' LT. (IL. RTE. 83)
 N 1993879.8910
 E 1091942.0790
 ELEVATION 653.579



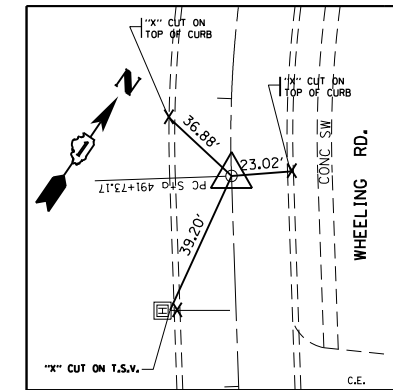
CONTROL POINT #CL03

SET CROSS IN C (MCHENRY RD.)
 STATION 503+47.33, 0.48' RT. (MCHENRY RD.)
 N 1993883.5580
 E 1093145.1930
 ELEVATION 649.906



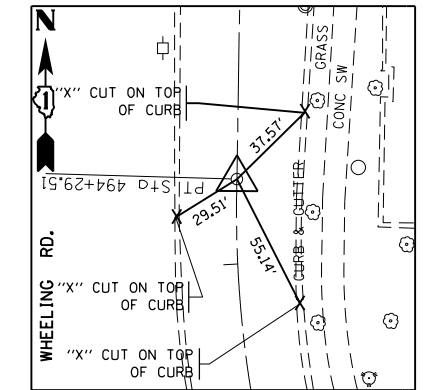
CONTROL POINT #CL04

SET CROSS IN C (IL. RTE. 83)
 STATION 298+87.60, 0.0' RT. (IL. RTE. 83)
 N 1993449.6649
 E 1091835.2182
 ELEVATION 652.197



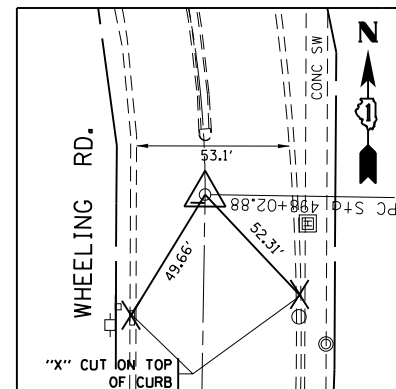
CONTROL POINT #CL05

SET CROSS IN C (WHEELING RD.)
 STATION 491+73.17, 0.0' RT. (WHEELING RD.)
 N 1992800.0516
 E 1093468.7971



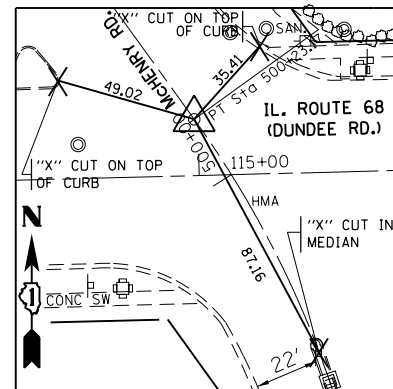
CONTROL POINT #CL06

SET CROSS IN C (WHEELING RD.)
 STATION 494+29.51, 0.00' RT. (WHEELING RD.)
 N 1993040.5467
 E 1093394.3670
 ELEVATION 649.173



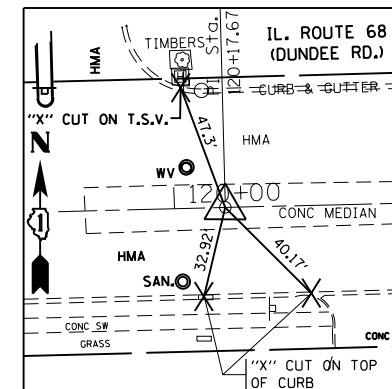
CONTROL POINT #CL07

SET CROSS IN C (IL. RTE. 83)
 STATION 498+02.88, 0.00' RT. (WHEELING RD.)
 N 1993413.8716
 E 1093400.2010
 ELEVATION 648.039



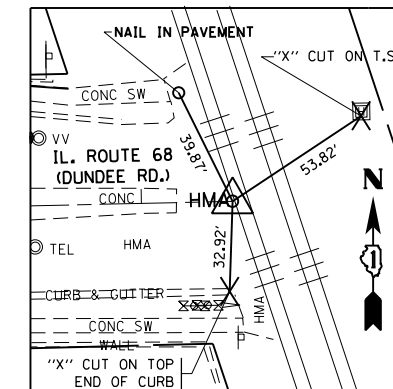
CONTROL POINT #CL08

SET CROSS IN C (MCHENRY RD.)
 STATION 500+23.20, 0.00' RT. (MCHENRY RD.)
 N 1993620.2533
 E 1093334.2207



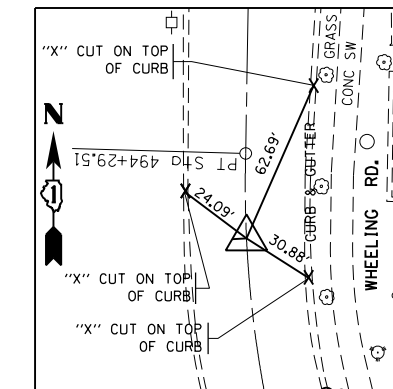
CONTROL POINT #CL09

SET CROSS IN C (IL. RTE. 68)
 STATION 120+17.67, 0.00' RT. (IL. RTE. 68)
 N 1993614.0447
 E 1093853.4755
 ELEVATION 650.456



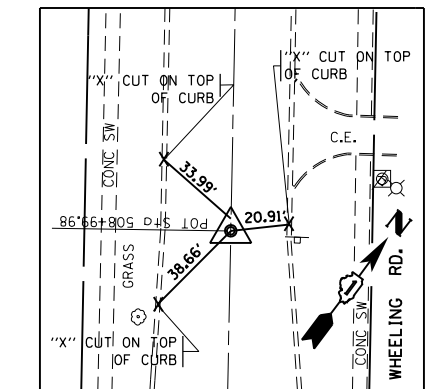
CONTROL POINT #CL10

SET CROSS IN C (IL. RTE. 68)
 STATION 122+31.64, 0.00' RT. (IL. RTE. 68)
 N 1993618.9395
 E 1094067.3918



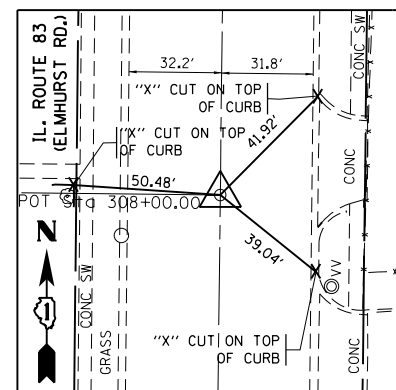
CONTROL POINT #CL11

SET CROSS IN C (WHEELING RD.)
 STATION 494+00.00, 0.00' RT. (WHEELING RD.)
 N 1993011.0435
 E 1093394.6424
 ELEVATION 649.301



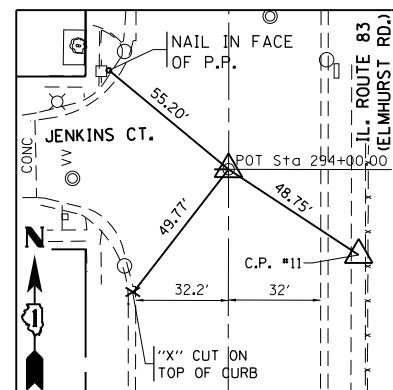
CONTROL POINT #CL12

SET CROSS IN C (MCHENRY RD.)
 STATION 508+99.98, 0.00' RT. (MCHENRY RD.)
 N 1994331.7533
 E 1092821.8233
 ELEVATION 652.888



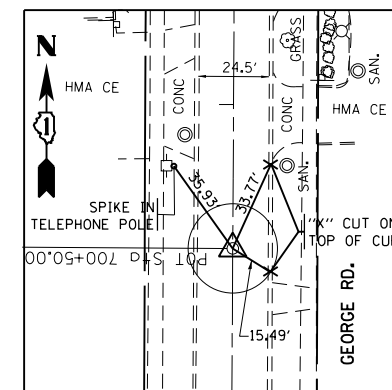
CONTROL POINT #CL13

SET CROSS IN C (IL. RTE. 83)
 STATION 308+00.00, 0.00' RT. (IL. RTE. 83)
 N 1994362.0083
 E 1091845.4732
 ELEVATION 653.256



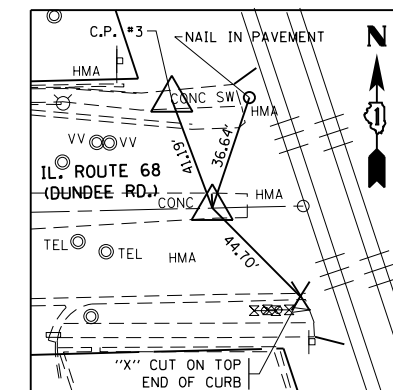
CONTROL POINT #CL14

SET CROSS IN C (IL. RTE. 83)
 STATION 294+00.00, 0.00' RT (IL. RTE. 83)
 N 1992962.0666
 E 1091834.4113
 ELEVATION 654.890



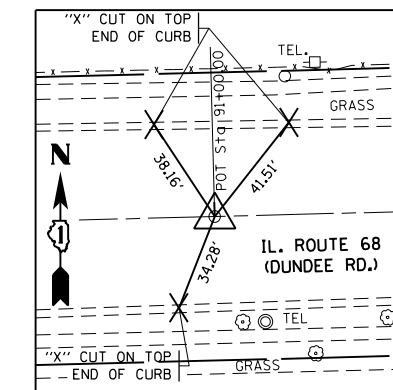
CONTROL POINT #CL15

SET CROSS IN C (GEORGE RD.)
 STATION 700+50.00, 0.00' RT (GEORGE RD.)
 N 1993342.5691
 E 1093018.6485



CONTROL POINT #CL16

SET CROSS IN C (IL. RTE. 68)
 STATION 122+00.00, 0.00' RT. (IL. RTE. 68)
 N 1993616.0890
 E 1093935.8620
 ELEVATION 652.474

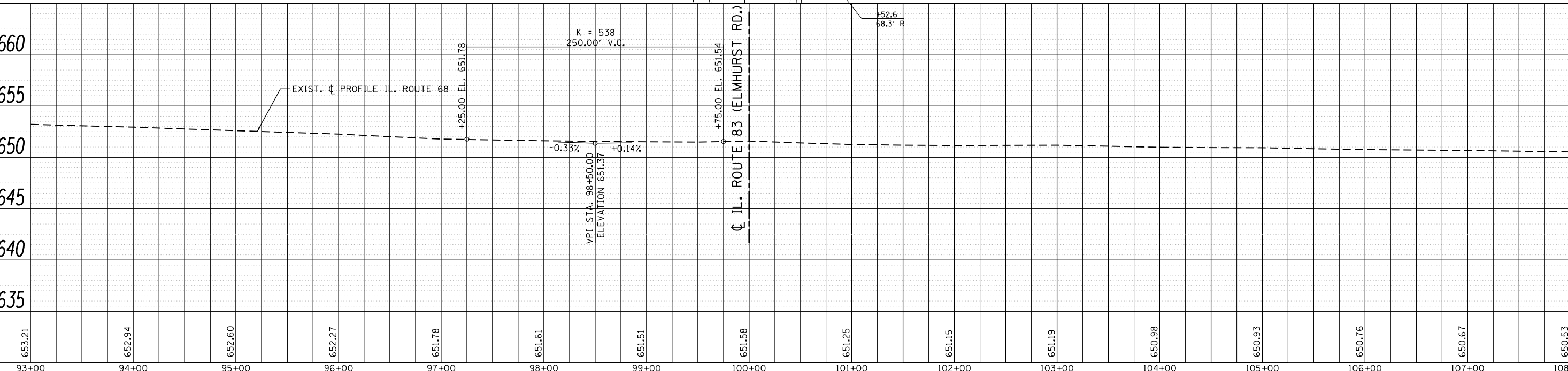
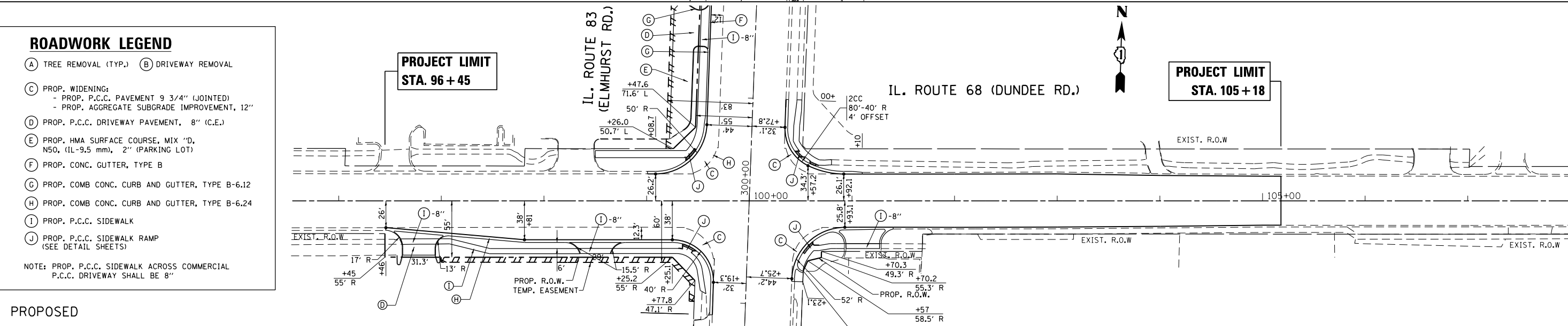
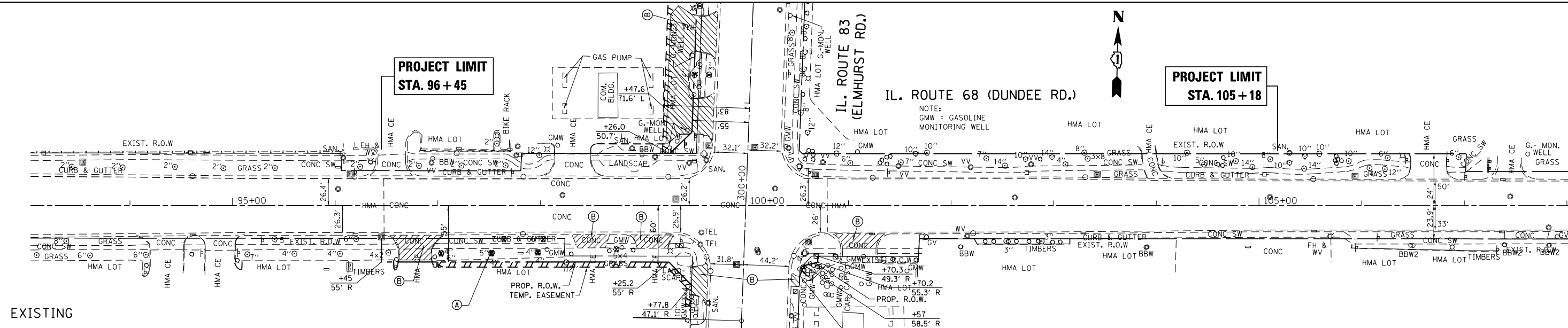


CONTROL POINT #CL17

SET CROSS IN C (IL. RTE. 68)
 STATION 91+00.00, 0.00' RT. (IL. RTE. 68)
 N 1993538.8676
 E 1090936.7768
 ELEVATION 653.815

DATE	BY
PLAN	SURVEYED
	NOTED
	CHECKED
	FILED
	NO.

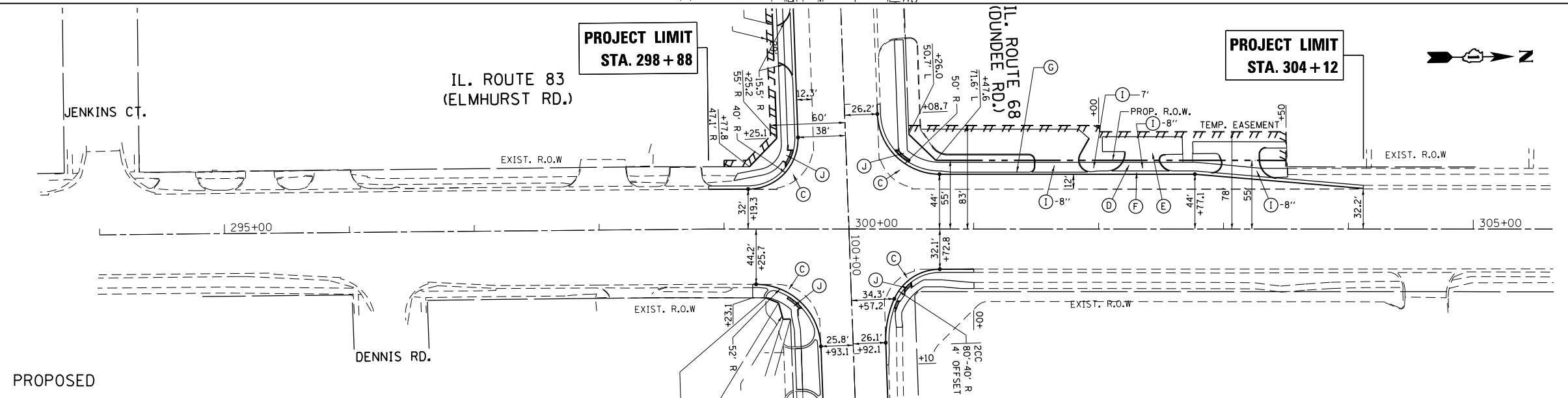
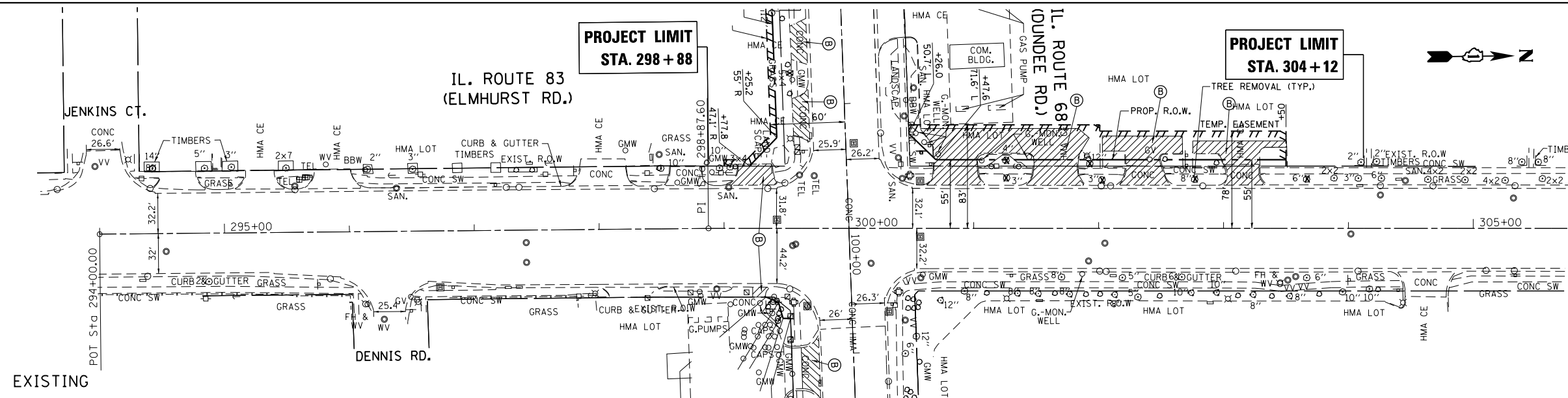
DATE	BY
PROFILE	SURVEYED
	NOTED
	CHECKED
	FILED
	NO.



FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ROADWAY PLAN & PROFILE IL. ROUTE 68 (DUNDEE RD.) AT IL. ROUTE 83 (ELMHURST RD.)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	10/20/2015	CHECKED -	REVISED -			SCALE: 1"=50'		343	304IN-3 (12)	COOK	78	15
		DATE -	REVISED -			SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 60V97				
												ILLINOIS FED. AID PROJECT

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

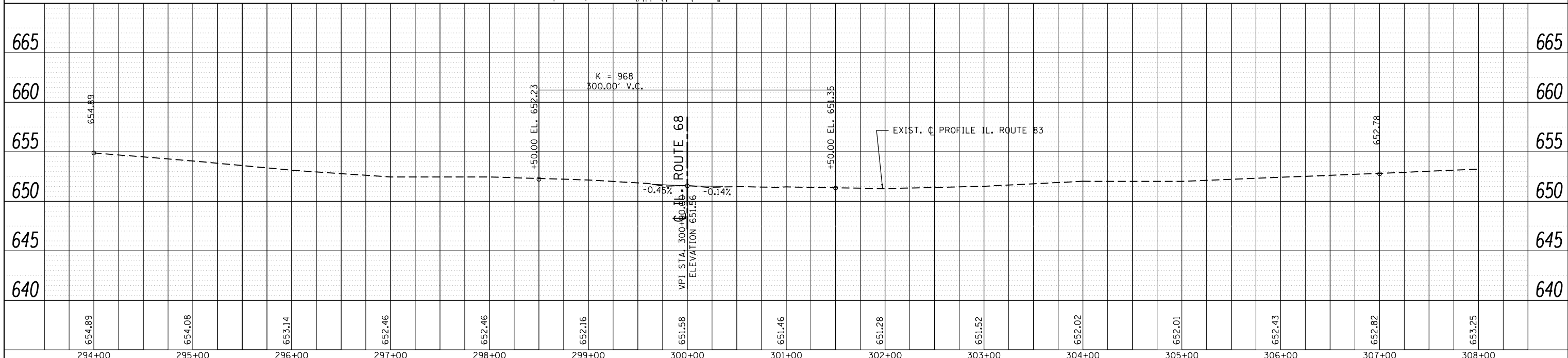
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	



ROADWORK LEGEND

- (A) TREE REMOVAL (TYP.)
- (B) DRIVEWAY REMOVAL
- (C) PROP. WIDENING:
 - PROP. P.C.C. PAVEMENT 9 3/4" (JOINTED)
 - PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (D) PROP. P.C.C. DRIVEWAY PAVEMENT, 8" (C.E.)
- (E) PROP. HMA SURFACE COURSE, MIX "D, N50, (IL-9.5 mm), 2" (PARKING LOT)
- (F) PROP. CONC. GUTTER, TYPE B
- (G) PROP. COMB CONC. CURB AND GUTTER, TYPE B-6.12
- (H) PROP. COMB CONC. CURB AND GUTTER, TYPE B-6.24
- (I) PROP. P.C.C. SIDEWALK
- (J) PROP. P.C.C. SIDEWALK RAMP (SEE DETAIL SHEETS)

NOTE: PROP. P.C.C. SIDEWALK ACROSS COMMERCIAL P.C.C. DRIVEWAY SHALL BE 8"



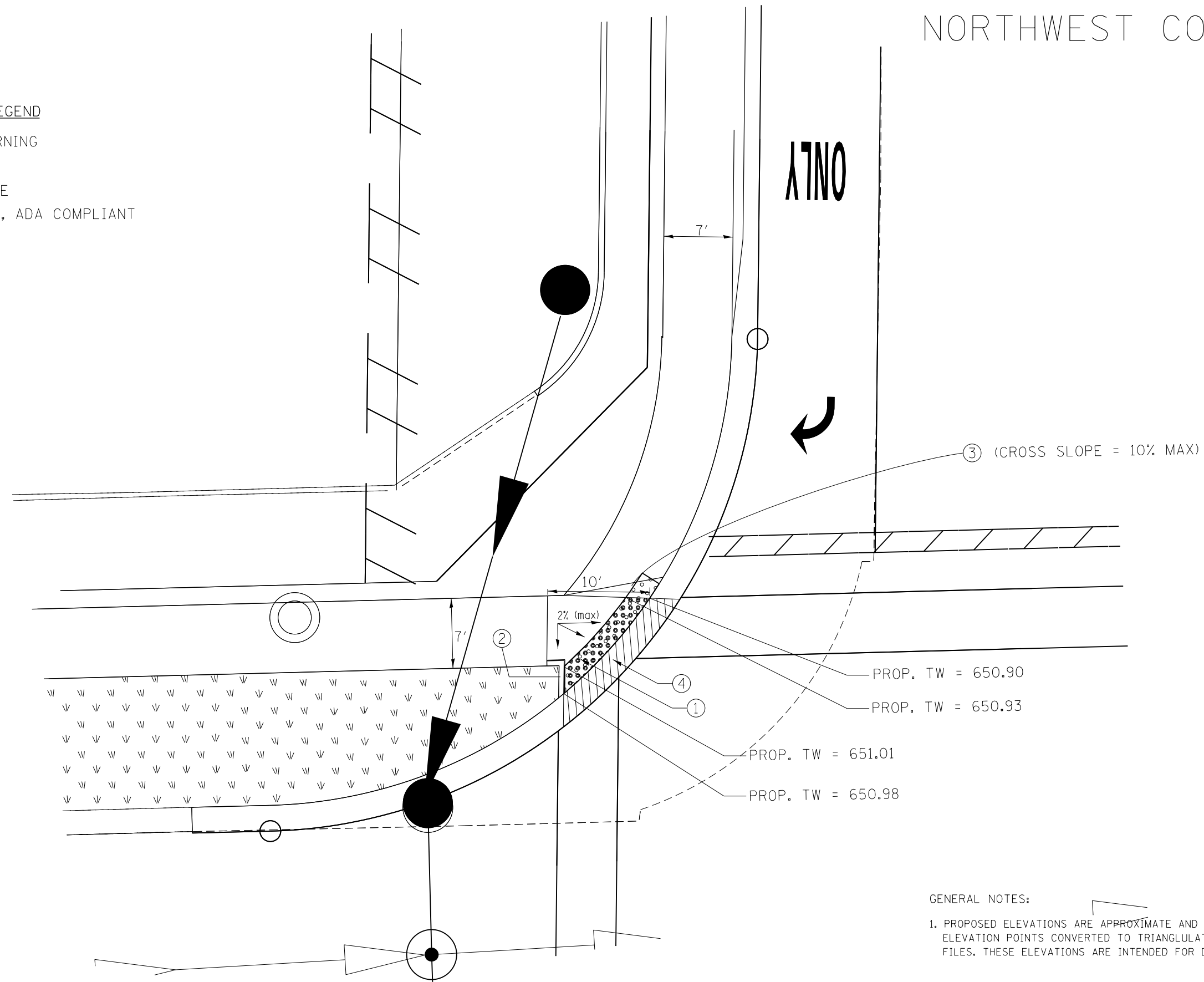
FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				ROADWAY PLAN & PROFILE IL. ROUTE 68 (DUNDEE RD.) AT IL. ROUTE 83 (ELMHURST RD.)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -	SCALE: 1"=50'				SHEET OF SHEETS STA. TO STA.				343	3041N-3 (12)	COOK	78	16
		DATE -	REVISED -	CONTRACT NO. 60V97				ILLINOIS FED. AID PROJECT								

NORTHWEST CORNER



ROADSIDE WORK LEGEND

- ① DETECTABLE WARNING
- ② SIDE CURB
- ③ RAMP SIDE FLARE
- ④ DEPRESSED CURB, ADA COMPLIANT

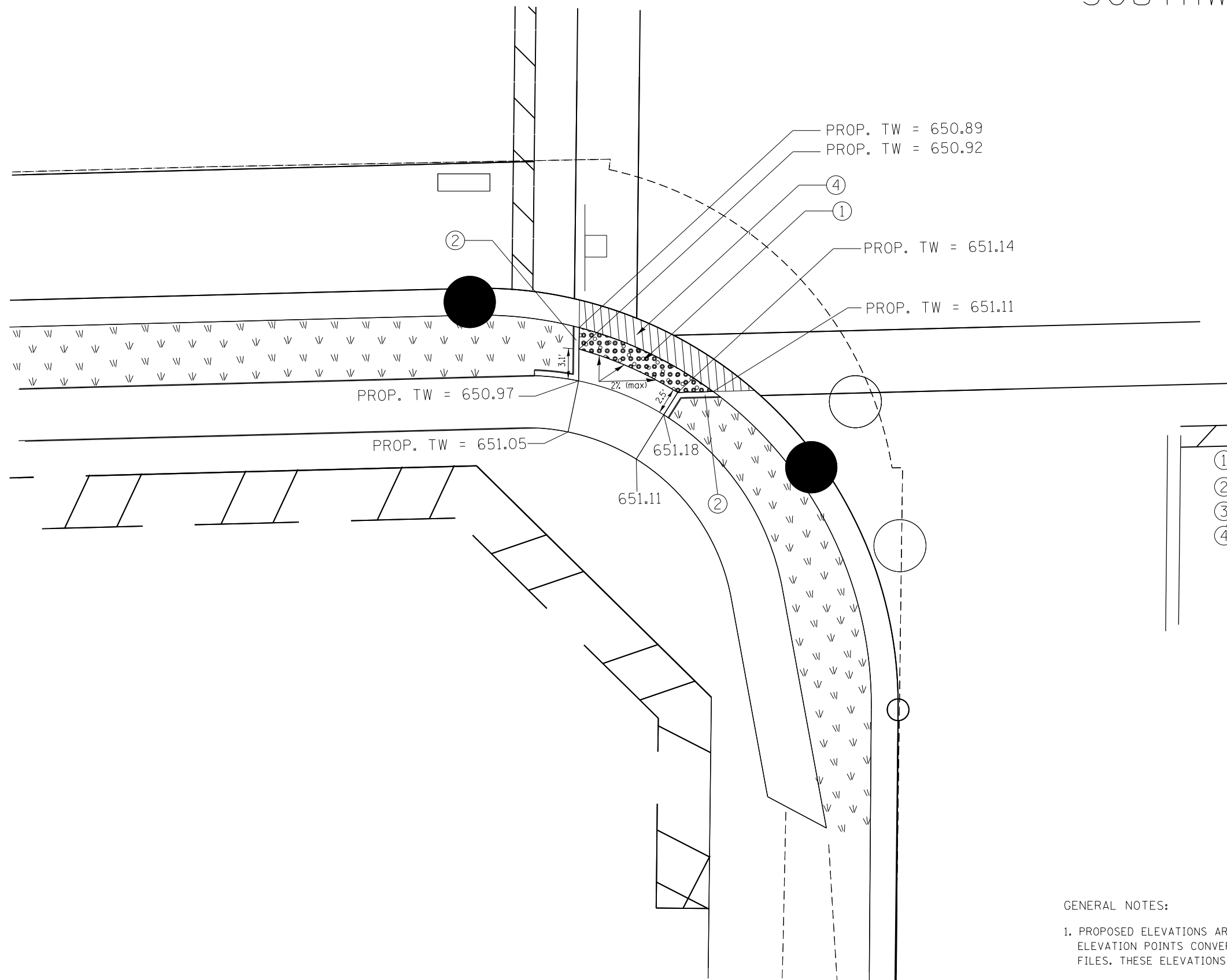


GENERAL NOTES:

- 1. PROPOSED ELEVATIONS ARE APPROXIMATE AND BASED ON PHASE ONE SURVEY ELEVATION POINTS CONVERTED TO TRIANGULATED IRREGULAR NETWORK (TIN) FILES. THESE ELEVATIONS ARE INTENDED FOR DESIGN PURPOSES ONLY.

FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 68 AT IL. ROUTE 83 / ELMHURST ROAD SIDEWALK DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\P124812\Drawings\Design\P124812-sht-genote.dgn		CHECKED -	REVISED -		343	3041N-3(12)	COOK	78	17			
PLOT SCALE = 10.6480' / in.		DATE -	REVISED -		CONTRACT NO. 60V97			ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/20/2015					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				

SOUTHWEST CORNER



- ROADSIDE WORK LEGEND**
- ① DETECTABLE WARNING
 - ② SIDE CURB
 - ③ RAMP SIDE FLARE
 - ④ DEPRESSED CURB, ADA COMPLIANT

GENERAL NOTES:

1. PROPOSED ELEVATIONS ARE APPROXIMATE AND BASED ON PHASE ONE SURVEY ELEVATION POINTS CONVERTED TO TRIANGULATED IRREGULAR NETWORK (TIN) FILES. THESE ELEVATIONS ARE INTENDED FOR DESIGN PURPOSES ONLY.

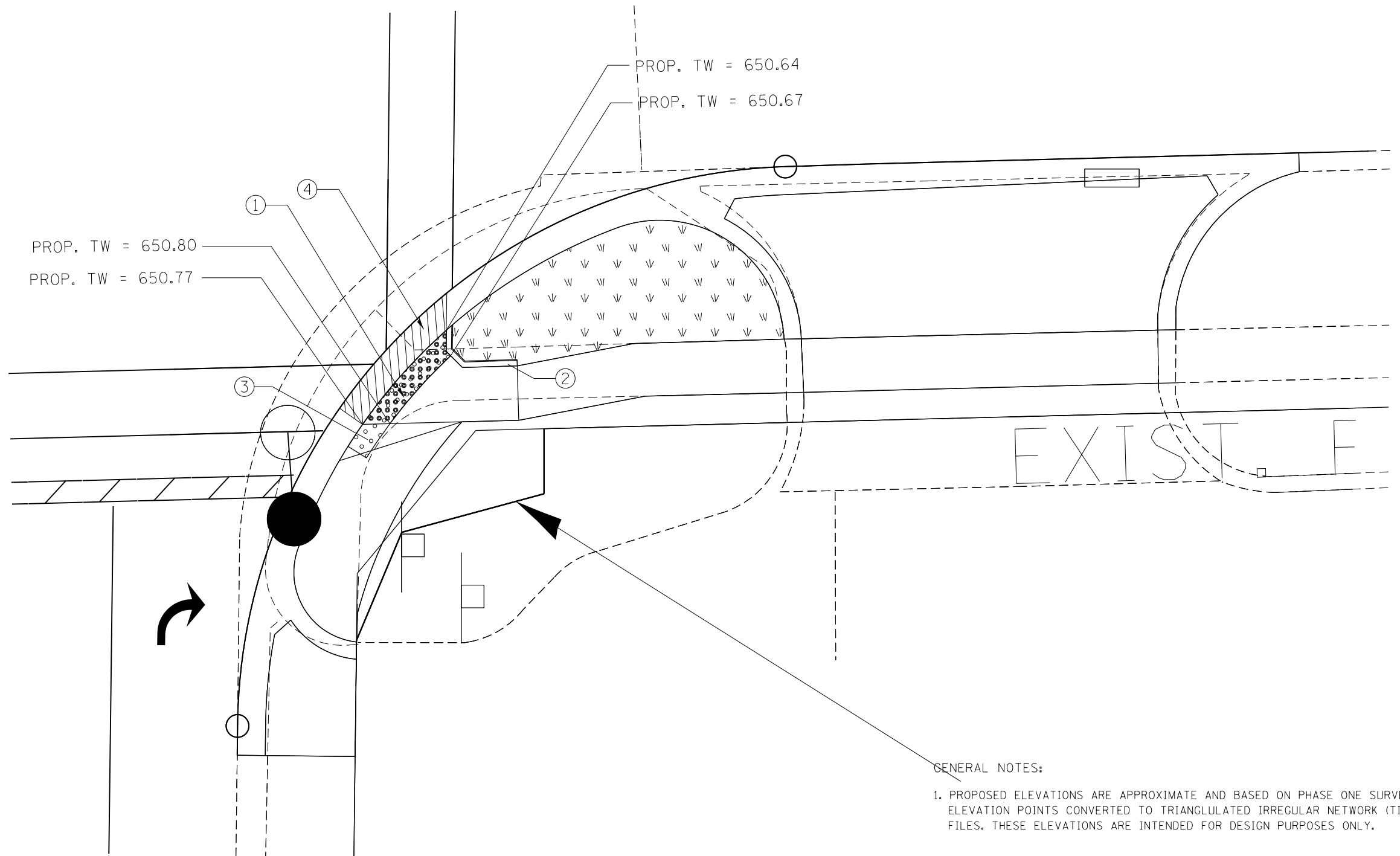
FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 68 AT IL. ROUTE 83 /ELMHURST ROAD SIDEWALK DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\P124812\Drawings\Design\P124812-sht-genote.dgn		CHECKED -	REVISED -		343	3041N-3(12)	COOK	78	18			
PLOT SCALE = 10.6480' / in.		DATE -	REVISED -		CONTRACT NO. 60V97			ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/20/2015					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				



ROADSIDE WORK LEGEND

- ① DETECTABLE WARNING
- ② SIDE CURB
- ③ RAMP SIDE FLARE
- ④ DEPRESSED CURB, ADA COMPLIANT

SOUTHEAST CORNER



GENERAL NOTES:

1. PROPOSED ELEVATIONS ARE APPROXIMATE AND BASED ON PHASE ONE SURVEY ELEVATION POINTS CONVERTED TO TRIANGULATED IRREGULAR NETWORK (TIN) FILES. THESE ELEVATIONS ARE INTENDED FOR DESIGN PURPOSES ONLY.

FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 68 AT IL. ROUTE 83 / ELMHURST ROAD SIDEWALK DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\PI24812\Design\PI24812-sht-genote.dgn		CHECKED -	REVISED -		343	3041N-3(12)	COOK	78	19			
PLOT SCALE = 10.6480' / in.		DATE -	REVISED -		CONTRACT NO. 60V97			ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/20/2015					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				

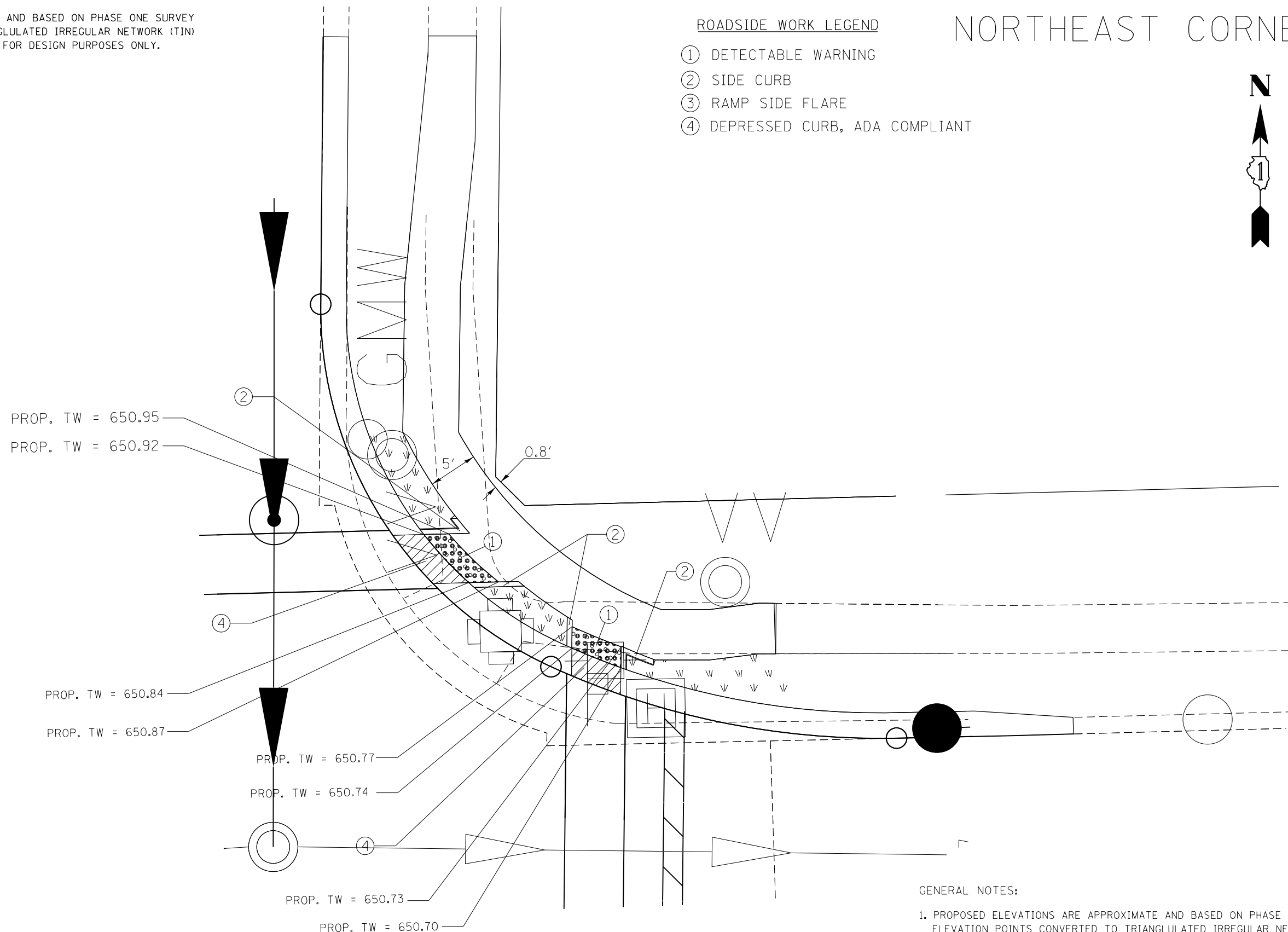
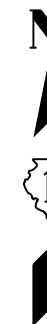
GENERAL NOTES:

1. PROPOSED ELEVATIONS ARE APPROXIMATE AND BASED ON PHASE ONE SURVEY ELEVATION POINTS CONVERTED TO TRIANGULATED IRREGULAR NETWORK (TIN) FILES. THESE ELEVATIONS ARE INTENDED FOR DESIGN PURPOSES ONLY.

ROADSIDE WORK LEGEND

- ① DETECTABLE WARNING
- ② SIDE CURB
- ③ RAMP SIDE FLARE
- ④ DEPRESSED CURB, ADA COMPLIANT

NORTHEAST CORNER



GENERAL NOTES:

1. PROPOSED ELEVATIONS ARE APPROXIMATE AND BASED ON PHASE ONE SURVEY ELEVATION POINTS CONVERTED TO TRIANGULATED IRREGULAR NETWORK (TIN) FILES. THESE ELEVATIONS ARE INTENDED FOR DESIGN PURPOSES ONLY.

FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 68 AT IL. ROUTE 83 /ELMHURST ROAD SIDEWALK DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\P124812\Drawings\Design\P124812-sht-gennote.dgn		CHECKED -	REVISED -		343	3041N-3(12)	COOK	78	20			
PLOT SCALE = 10.6480 ' / in.		DATE -	REVISED -		CONTRACT NO. 60V97			ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/20/2015					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				

STAGING FOR IL ROUTE 68 AND IL ROUTE 83 / ELMHURST ROAD INTERSECTION.

STAGE 1:

TRAFFIC MAINTAINED ON EXISTING PAVEMENT DURING CONSTRUCTION. REDUCE EASTBOUND THROUGH TRAFFIC TO ONE LANE CLOSING THE OUTER LANE OF IL 68 AND IL 83 / ELMHURST ROAD.

CONSTRUCTION:

- CONSTRUCT PAVEMENT WIDENING ON THE SOUTH SIDE OF IL 68 EAST LEG AND WEST LEG.
- CONSTRUCT PAVEMENT WIDENING ON THE EAST SIDE AND WEST SIDE OF IL 83 / ELMHURST ROAD SOUTH LEG.

STAGING 2:

TRAFFIC MAINTAINED ON EXISTING AND NEW PAVEMENT DURING CONSTRUCTION. REDUCE SOUTHBOUND TRAFFIC TO ONE THROUGH LANE CLOSING THE OUTER LANE OF IL 68 AT IL 83 / ELMHURST ROAD.

CONSTRUCTION:

- CONSTRUCT PAVEMENT WIDENING ON THE NORTH SIDE OF IL 68 WEST LEG
- CONSTRUCT PAVEMENT WIDENING ON THE WEST SIDE OF IL 83 / ELMHURST ROAD NORTH LEG

STAGING 3:

TRAFFIC MAINTAINED ON EXISTING AND NEW PAVEMENT DURING CONSTRUCTION. REDUCE NORTHBOUND AND WESTBOUND THROUGH TRAFFIC TO ONE LANE, CLOSING THE OUTER LANE OF IL 68 AND IL 83 / ELMHURST ROAD.

CONSTRUCTION:

- CONSTRUCT PAVEMENT WIDENING ON THE NORTH SIDE OF IL 68 EAST LEG
- CONSTRUCT PAVEMENT WIDENING ON THE EAST SIDE OF IL 83 NORTH LEG

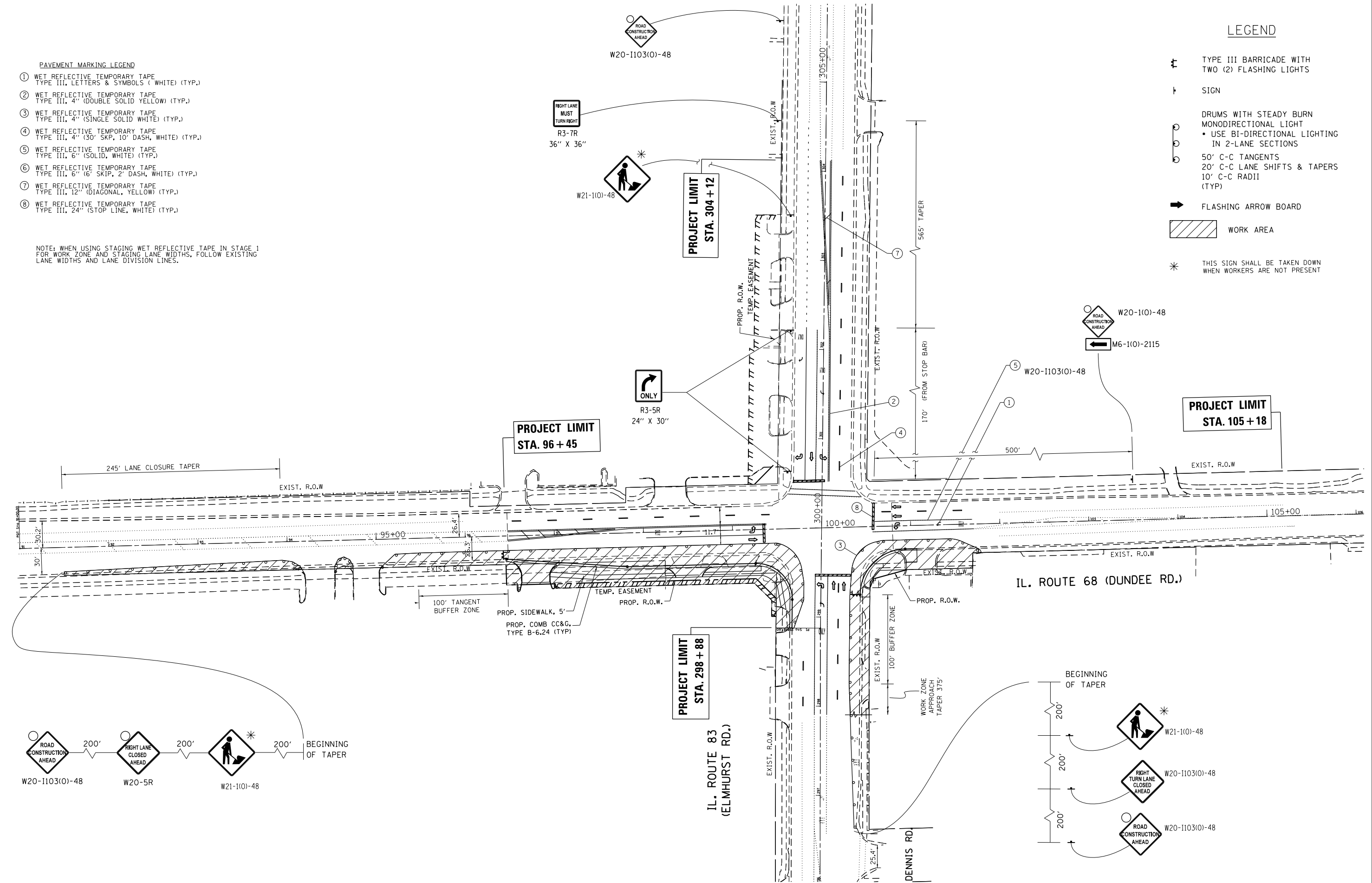
FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENENCE OF TRAFFIC (STAGE 1) IL 68 (DUNDEE ROAD) AT IL 83 (ELMHURST ROAD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\P124812\Drawings\Design\P124812-sh-t-staging.dgn		CHECKED -	REVISED -			343	3041N-3(12)	COOK	78	21
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 60V97				
	PLOT DATE = 10/20/2015	DATE -	REVISED -			SCALE: 1"= 50'	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

LEGEND

- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- SIGN
- DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - USE BI-DIRECTIONAL LIGHTING IN 2-LANE SECTIONS
- 50' C-C TANGENTS
- 20' C-C LANE SHIFTS & TAPERS
- 10' C-C RADII (TYP)
- FLASHING ARROW BOARD
- WORK AREA
- THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

- PAVEMENT MARKING LEGEND**
- 1 WET REFLECTIVE TEMPORARY TAPE TYPE III, LETTERS & SYMBOLS (WHITE) (TYP.)
 - 2 WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" (DOUBLE SOLID YELLOW) (TYP.)
 - 3 WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" (SINGLE SOLID WHITE) (TYP.)
 - 4 WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" (30' SKP, 10' DASH, WHITE) (TYP.)
 - 5 WET REFLECTIVE TEMPORARY TAPE TYPE III, 6" (SOLID, WHITE) (TYP.)
 - 6 WET REFLECTIVE TEMPORARY TAPE TYPE III, 6" (6' SKIP, 2' DASH, WHITE) (TYP.)
 - 7 WET REFLECTIVE TEMPORARY TAPE TYPE III, 12" (DIAGONAL, YELLOW) (TYP.)
 - 8 WET REFLECTIVE TEMPORARY TAPE TYPE III, 24" (STOP LINE, WHITE) (TYP.)

NOTE: WHEN USING STAGING WET REFLECTIVE TAPE IN STAGE 1 FOR WORK ZONE AND STAGING LANE WIDTHS, FOLLOW EXISTING LANE WIDTHS AND LANE DIVISION LINES.



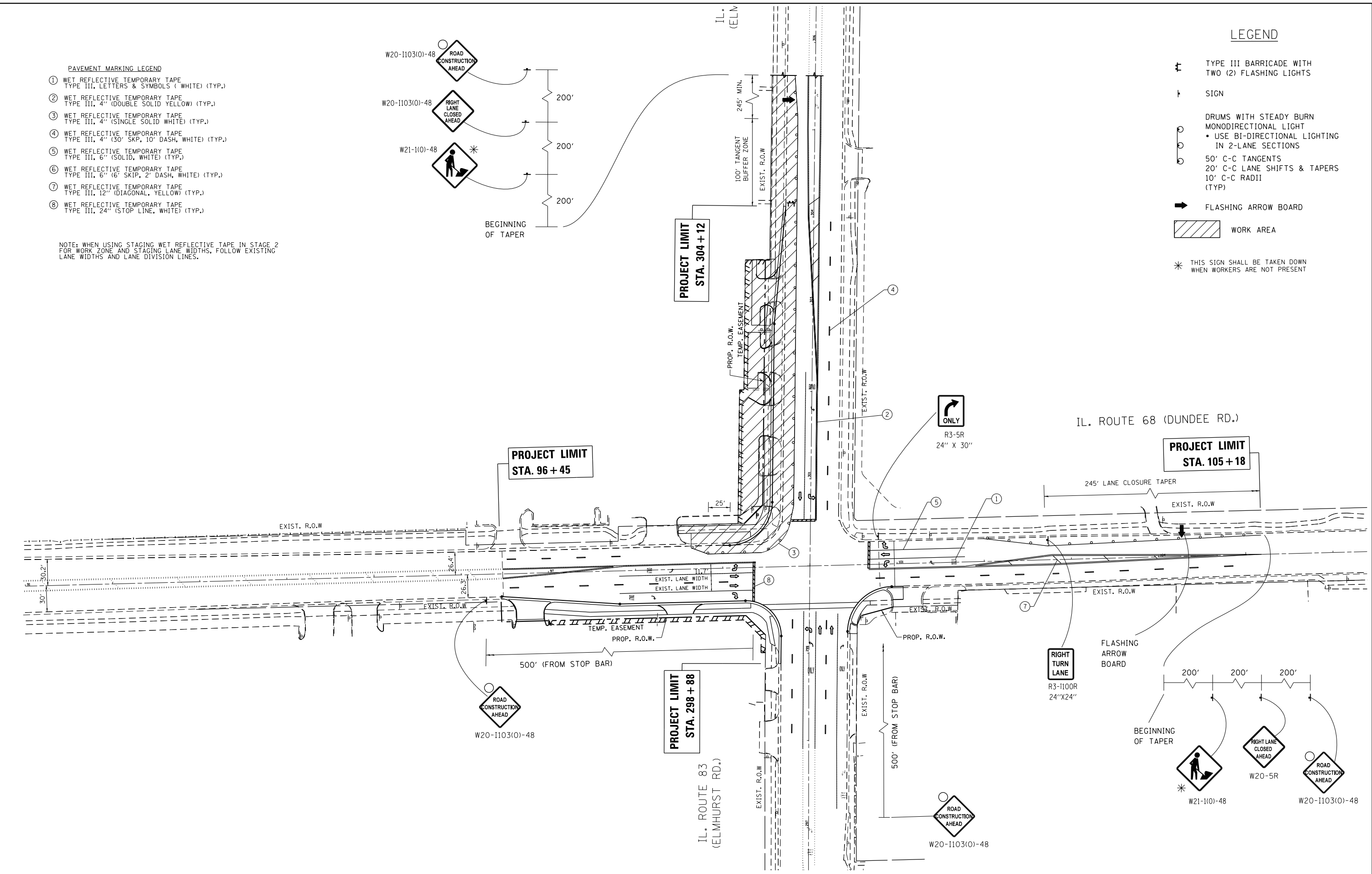
FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC (STAGE 1) IL 68 (DUNDEE ROAD) AT IL 83 (ELMHURST ROAD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\IL084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI24812\Design\PI24812-sht-staging1.dgn	DRWN	REVISD	REVISD			343	3041N-3(12)	COOK	78	22	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISD -			CONTRACT NO. 60V97					
	PLOT DATE = 10/20/2015	DATE -	REVISD -			ILLINOIS FED. AID PROJECT					

- PAVEMENT MARKING LEGEND**
- ① WET REFLECTIVE TEMPORARY TAPE
TYPE III, LETTERS & SYMBOLS (WHITE) (TYP.)
 - ② WET REFLECTIVE TEMPORARY TAPE
TYPE III, 4" (DOUBLE SOLID YELLOW) (TYP.)
 - ③ WET REFLECTIVE TEMPORARY TAPE
TYPE III, 4" (SINGLE SOLID WHITE) (TYP.)
 - ④ WET REFLECTIVE TEMPORARY TAPE
TYPE III, 4" (30' SKP, 10' DASH, WHITE) (TYP.)
 - ⑤ WET REFLECTIVE TEMPORARY TAPE
TYPE III, 6" (SOLID, WHITE) (TYP.)
 - ⑥ WET REFLECTIVE TEMPORARY TAPE
TYPE III, 6" (6' SKIP, 2' DASH, WHITE) (TYP.)
 - ⑦ WET REFLECTIVE TEMPORARY TAPE
TYPE III, 12" (DIAGONAL, YELLOW) (TYP.)
 - ⑧ WET REFLECTIVE TEMPORARY TAPE
TYPE III, 24" (STOP LINE, WHITE) (TYP.)

NOTE: WHEN USING STAGING WET REFLECTIVE TAPE IN STAGE 2 FOR WORK ZONE AND STAGING LANE WIDTHS, FOLLOW EXISTING LANE WIDTHS AND LANE DIVISION LINES.

LEGEND

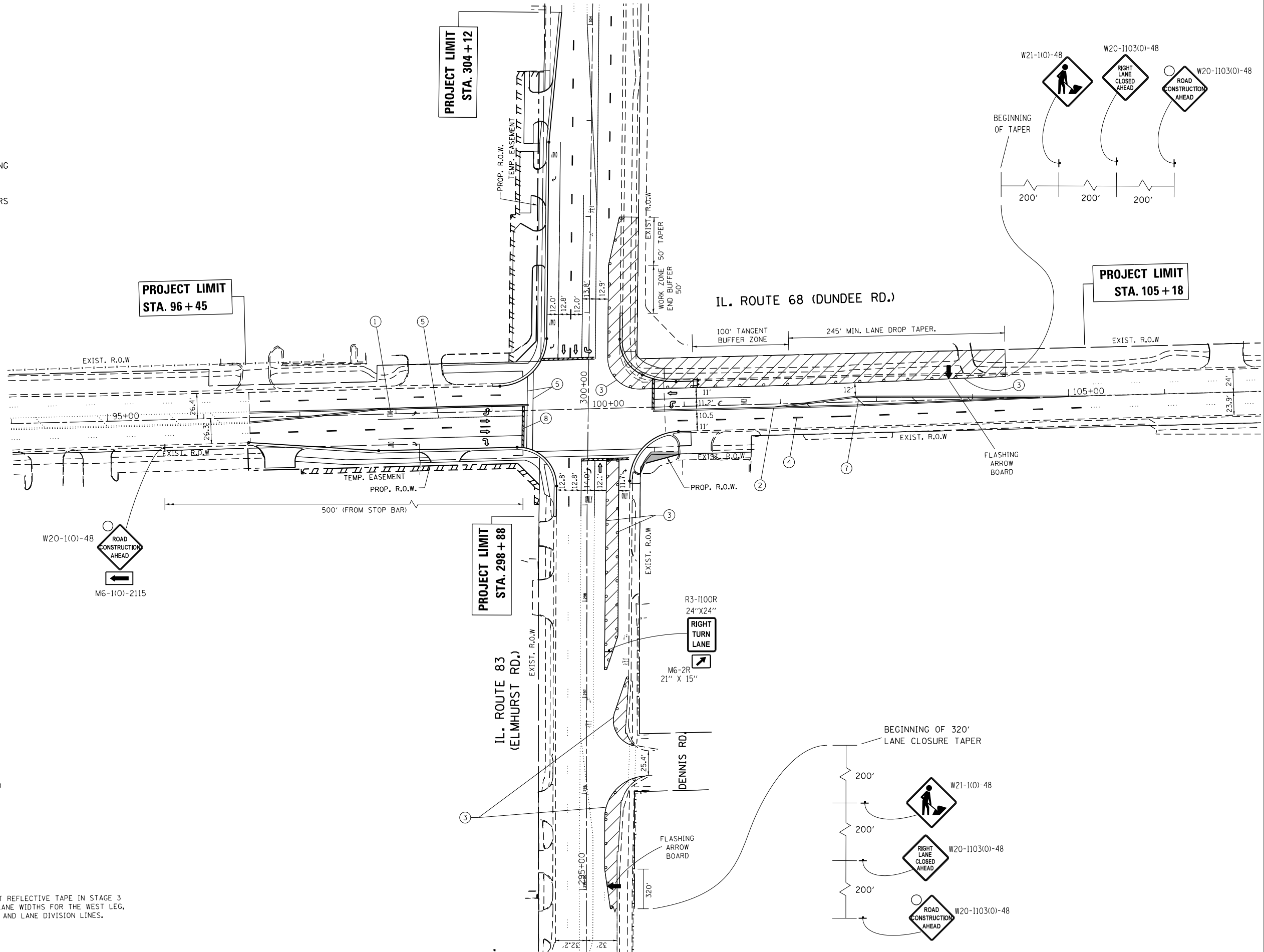
- ⚡ TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- ⊥ SIGN
- ☉ DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
• USE BI-DIRECTIONAL LIGHTING IN 2-LANE SECTIONS
- 50' C-C TANGENTS
○ 20' C-C LANE SHIFTS & TAPERS
○ 10' C-C RADII (TYP.)
- ➡ FLASHING ARROW BOARD
- ▨ WORK AREA
- * THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT



FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC (STAGE 2) IL 68 (DUNDEE ROAD) AT IL 83 (ELMHURST ROAD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL084EBIDINTEG.illinois.gov\PI\DOT Documents\DOT Offices\District 1\Projects\PI24812\Design\PI24812-sh-t-staging2.dgn	PLLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			343	3041N-3(12)	COOK	78	23	
Default	PLLOT DATE = 10/20/2015	DATE -	REVISED -			CONTRACT NO. 60V97					
						SCALE: 1" = 50'	SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

LEGEND

- ⊥ TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- ⊥ SIGN
- ⊙ DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - USE BI-DIRECTIONAL LIGHTING IN 2-LANE SECTIONS
- ⊙ 50' C-C TANGENTS
- ⊙ 20' C-C LANE SHIFTS & TAPERS
- ⊙ 10' C-C RADII (TYP)
- ➡ FLASHING ARROW BOARD
- ▨ WORK AREA
- * THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT



PAVEMENT MARKING LEGEND

- ① WET REFLECTIVE TEMPORARY TAPE TYPE III, LETTERS & SYMBOLS (WHITE) (TYP.)
- ② WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" (DOUBLE SOLID YELLOW) (TYP.)
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" (SINGLE SOLID WHITE) (TYP.)
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" (30' SKP, 10' DASH, WHITE) (TYP.)
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 6" (SOLID, WHITE) (TYP.)
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 6" (6' SKIP, 2' DASH, WHITE) (TYP.)
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12" (DIAGONAL, YELLOW) (TYP.)
- ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 24" (STOP LINE, WHITE) (TYP.)

NOTE: WHEN USING STAGING WET REFLECTIVE TAPE IN STAGE 3 FOR WORK ZONE AND STAGING LANE WIDTHS FOR THE WEST LEG, FOLLOW EXISTING LANE WIDTHS AND LANE DIVISION LINES.

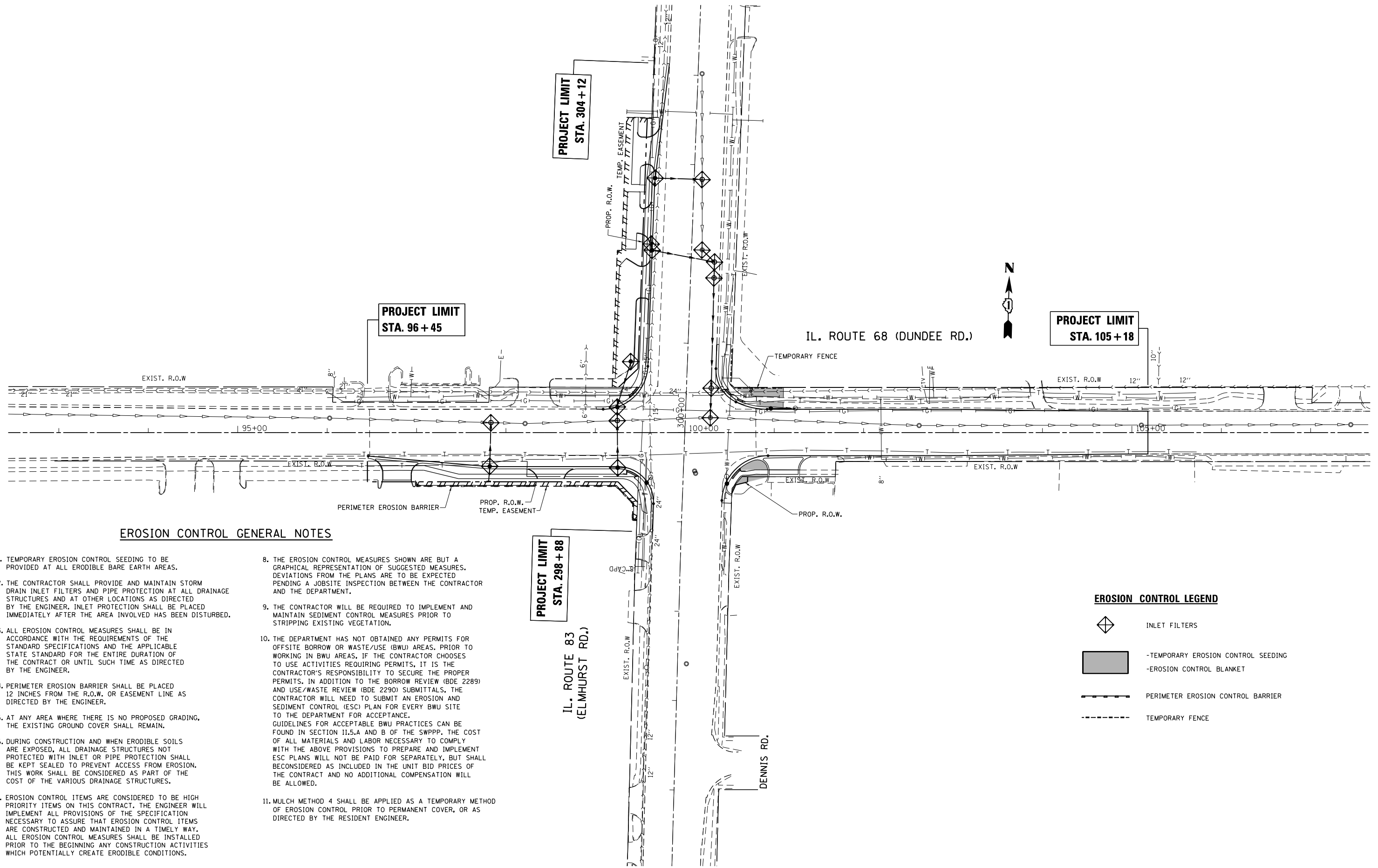
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	PLOT DATE = 10/20/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC (STAGE 3)
IL 68 (DUNDEE ROAD) AT IL 83 (ELMHURST ROAD)**

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





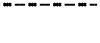
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	COOK	78	24
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL GENERAL NOTES

1. TEMPORARY EROSION CONTROL SEEDING TO BE PROVIDED AT ALL ERODIBLE BARE EARTH AREAS.
2. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN STORM DRAIN INLET FILTERS AND PIPE PROTECTION AT ALL DRAINAGE STRUCTURES AND AT OTHER LOCATIONS AS DIRECTED BY THE ENGINEER. INLET PROTECTION SHALL BE PLACED IMMEDIATELY AFTER THE AREA INVOLVED HAS BEEN DISTURBED.
3. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE STATE STANDARD FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH TIME AS DIRECTED BY THE ENGINEER.
4. PERIMETER EROSION BARRIER SHALL BE PLACED 12 INCHES FROM THE R.O.W. OR EASEMENT LINE AS DIRECTED BY THE ENGINEER.
5. AT ANY AREA WHERE THERE IS NO PROPOSED GRADING, THE EXISTING GROUND COVER SHALL REMAIN.
6. DURING CONSTRUCTION AND WHEN ERODIBLE SOILS ARE EXPOSED, ALL DRAINAGE STRUCTURES NOT PROTECTED WITH INLET OR PIPE PROTECTION SHALL BE KEPT SEALED TO PREVENT ACCESS FROM EROSION. THIS WORK SHALL BE CONSIDERED AS PART OF THE COST OF THE VARIOUS DRAINAGE STRUCTURES.
7. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH POTENTIALLY CREATE ERODIBLE CONDITIONS.
8. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THE PLANS ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
9. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
10. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW OR WASTE/USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR WILL NEED TO SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION 11.5.A AND B 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.
11. MULCH METHOD 4 SHALL BE APPLIED AS A TEMPORARY METHOD OF EROSION CONTROL PRIOR TO PERMANENT COVER, OR AS DIRECTED BY THE RESIDENT ENGINEER.

EROSION CONTROL LEGEND

-  INLET FILTERS
-  -TEMPORARY EROSION CONTROL SEEDING
-  -EROSION CONTROL BLANKET
-  PERIMETER EROSION CONTROL BARRIER
-  TEMPORARY FENCE

FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -
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	PLOT DATE = 10/20/2015	DATE -	REVISED -

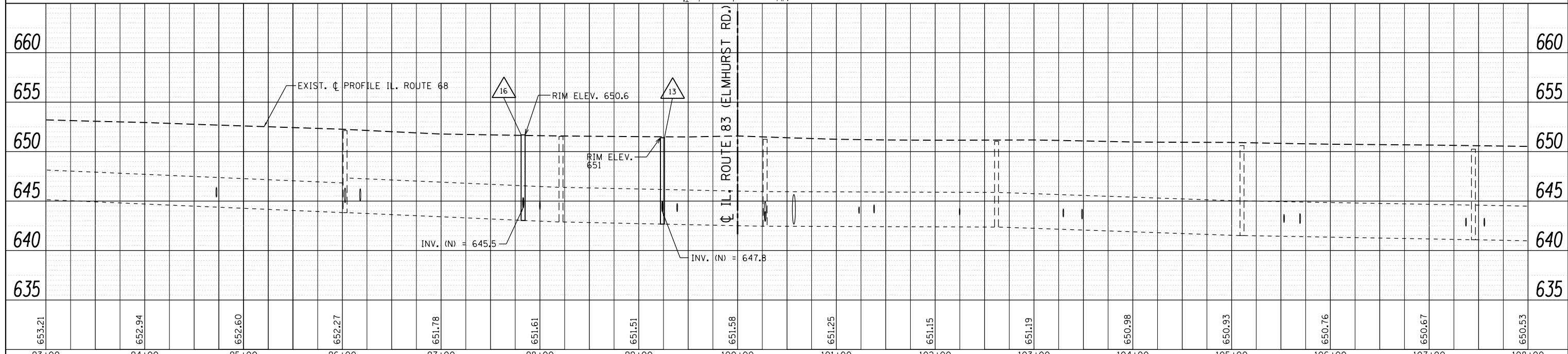
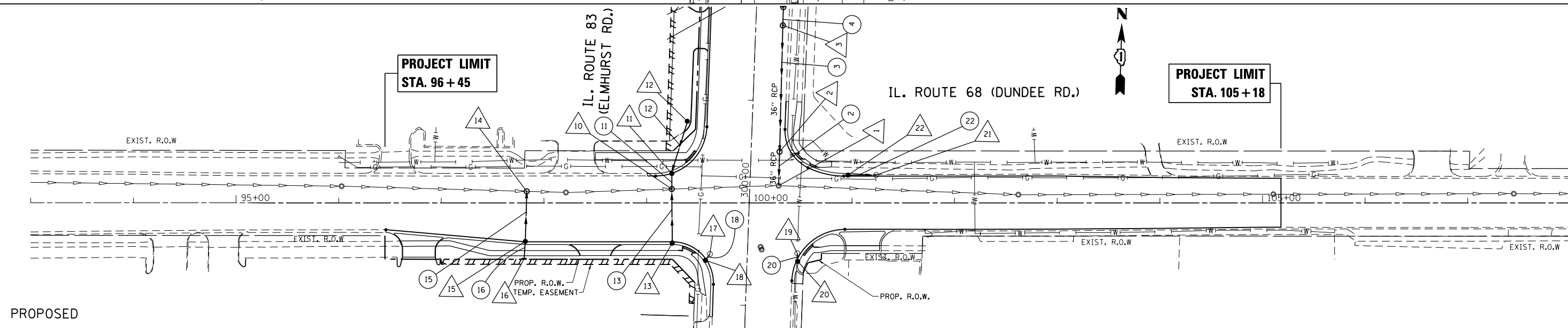
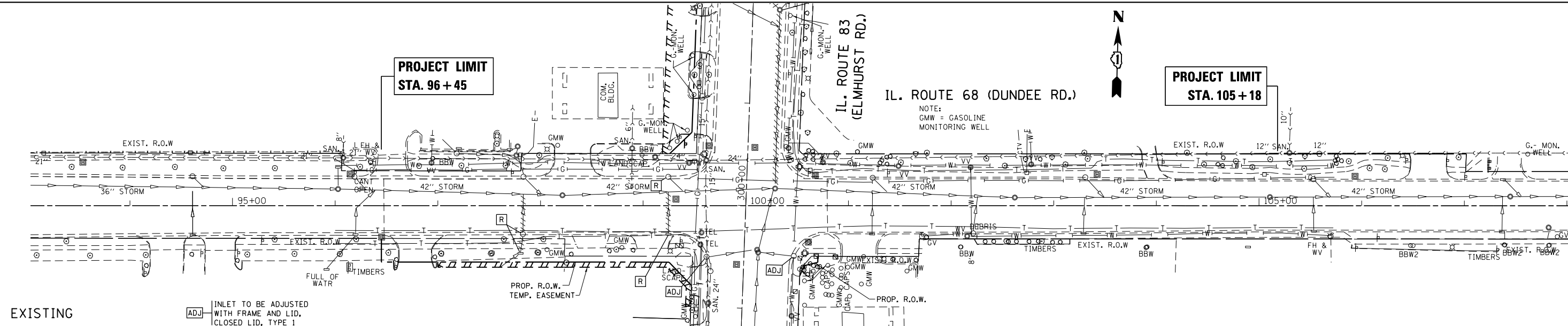
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN
IL. RTE. 68 (DUNDEE RD.) AT IL. RTE. 83 (ELMHURST RD.)
SCALE: 1"=50' SHEET OF SHEETS STA. 96+45 TO STA. 105+18

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3 (12)	COOK	78	25
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				

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

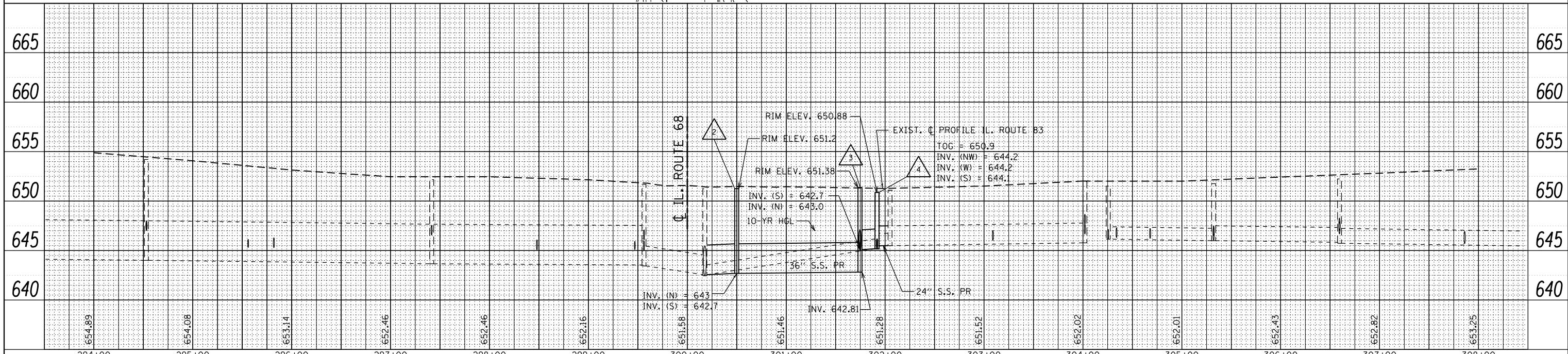
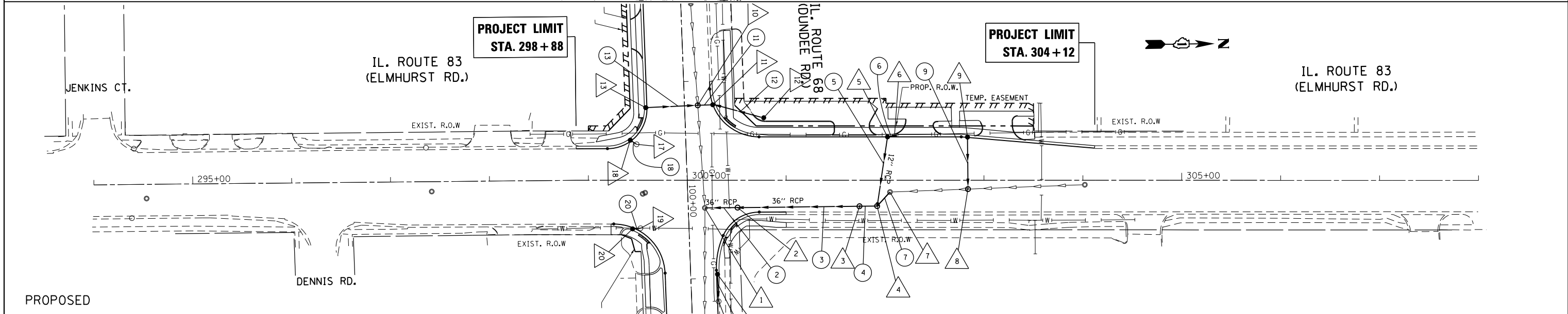
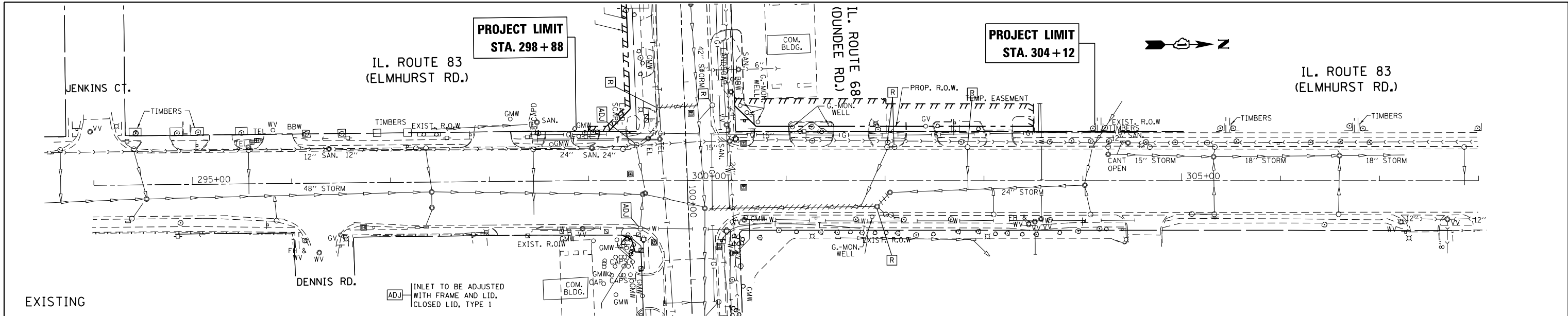
DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE
	NOTATIS CHFD



FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE IL. ROUTE 68 (DUNDEE RD.) AT IL. ROUTE 83 (ELMHURST RD.)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		DRAWN -	REVISED -		343	304IN-3 (12)	COOK	78	26			
		PLOT SCALE = 100.0000' / in.	CHECKED -		REVISED -	CONTRACT NO. 60V97						
		PLOT DATE = 10/20/2015	DATE -		REVISED -	ILLINOIS FED. AID PROJECT						

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE IL. ROUTE 68 (DUNDEE RD.) AT IL. ROUTE 83 (ELMHURST RD.)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		CHECKED -	REVISED -		SCALE: 1"=50'	SHEET	OF SHEETS	STA.	TO STA.	343	3041N-3 (12)	COOK	78	27
		DATE -	REVISED -					CONTRACT NO. 60V97						
					ILLINOIS FED. AID PROJECT									

DRAINAGE STRUCTURES AND STORM SEWER TABLE

DRAINAGE STRUCTURES

FLAT TOP 1
 100+28.6/16.7 LT (DUNDEE RD)
 MH, TYP.A 8' DIA. W/ F&G CL. TYP. 1
 T.O.G. = 651.3
 INV.(W) = 642.5 (EXIST.)
 INV.(E) = 642.5 (EXIST.)
 INV.(S) = 642.6 (EXIST.)
 INV.(N) = 642.6

2
 300+50.9/27.7 RT (ELMHURST RD)
 MH, TYP.A 5' DIA. W/ F&G CL. TYP. 1
 T.O.G. = 651.2
 INV.(N) = 643.0
 (PLATE RESTRICTOR INV. = 641.73)
 INV.(S) = 642.7
 NOTE: SEE RESTRICTOR DETAIL SHEET
 AND DISTRICT DETAIL BD-12 FOR OTHER
 ELEVATIONS AND REQUIREMENTS

FLAT TOP 3
 301+74.1 / 26.3 RT (ELMHURST RD)
 MH, TYP. A 5' DIA. W/ F&G CL. TYP. 1
 T.O.G. = 651.0
 NV.(W) = 644.9 EXIST.)
 INV.(S) = 643.8 INV.(N) = 644.0

FLAT TOP 4
 301+92 / 26.1 RT (ELMHURST RD)
 MH, TYP.A 5' DIA. W/ F&G CL. TYP. 1
 T.O.G. = 650.9
 INV.(NE) = 645.2 (EXISTING)
 INV.(NW) = 644.2 INV.(W) = 644.2
 INV.(S) = 644.1

5
 302+02.5/44.0 LT (ELMHURST RD)
 CB, TYP.A 4' DIA. W/ F&G TYP. 24
 T.O.G. = 650.7
 NV.(N) = 645.1 INV.(E) = 645.0

6
 302+09.6/44 LT (ELMHURST RD)
 INL, TYP. A 2' DIA. W/ F&G TYP. 24
 T.O.G. = 650.7
 INV.(S) = 645.2

FLAT TOP 7
 302+05 / 11.8 RT (ELMHURST RD)
 MH, TYP.A, 5' DIA. W/ F&G CL. TYP. 1
 T.O.G. = 651.1
 INV.(N) = 645.5 INV.(SE) = 644.4

FLAT TOP 8
 302+83.8 / 8.9 RT (ELMHURST RD)
 MH, TYP.A 5' DIA. W/ F&G CL. TYP. 1
 T.O.G. = 651.4
 INV.(S) = 645.6 (EXIST.)
 INV.(W) = 645.7

9
 302+83.4 / 43.8 LT (ELMHURST RD)
 CB, TYP.A 4' DIA. W/ F&G . TYP. 24
 T.O.G. = 650.9
 INV.(E) = 646.0

FLAT TOP 10
 99+24.5 / 13.4 LT (DUNDEE RD)
 MH, TYP. A 7' DIA. W/ F&G CL. TYP. 1
 T.O.G. = 651.4
 INV.(E) = 642.7 (EXIST.)
 INV.(W) = 642.7 (EXIST.)
 INV.(N) = 643.5 INV.(S) = 646.5

FLAT TOP 11
 99+24.5 / 28.6 LT (DUNDEE RD)
 CB, TYP.A 4' DIA. W/ F&G TYP. 24
 T.O.G. = 651.2
 INV.(N) = 646.5 INV.(S) = 643.8

FLAT TOP 12
 300+77.3 / 63.3 LT (DUNDEE RD)
 CB, TYP.A 4' DIA. W/ F&G OL. TYP. 1
 T.O.G. = 652.5
 INV.(S) = 647.8

FLAT TOP 13
 99+25.0 / 38.0 RT (DUNDEE RD)
 CB, TYP.A 4' DIA. W/ F&G TYP. 24
 T.O.G. = 651
 INV.(N) = 647.8

14
 97+83.2 / 11.2 RT (DUNDEE RD)
 MH, TYP. A 6' DIA. W/ F&G CL. TYP. 1
 T.O.G. = 651.5
 INV.(E) = 643.1 (EXIST)
 INV.(W) = 643.1 (EXIST)
 INV.(S) = 643.7

15
 97+81.8 / 38 RT (DUNDEE RD)
 CB, TYP.A 4' DIA. W/ F&G TYP. 24
 T.O.G. = 651.2
 INV.(N) = 645.0 INV.(S) = 645.3

16
 97+80.7 / 54.7 RT (DUNDEE RD)
 CB, TYP.A 4' DIA. W/ F&G OL. TYP. 1
 T.O.G. = 650.6
 INV.(N) = 645.5

FLAT TOP 17
 299+49 / 36.4 LT (ELMHURST RD)
 CB (EXISTING; ADJ. FRAME&GRATE,
 REPLACE LID WITH CL TYPE 1)
 T.O.G. = 651.3
 INV.(E) = 647.7 (EXIST.)
 NV.(SW) = 647.9

FLAT TOP 18
 299+42.5 / 39.4 LT (ELMHURST RD)
 CB, TYP.A 4' DIA. W/ F&G TYP. 24
 T.O.G. = 651.3
 INV.(NE) = 648

19
 299+52.7 / 48.5 RT (ELMHURST RD)
 CB (EXISTING; ADJ. FRAME&GRATE,
 REPLACE LID WITH CL TYPE 1)
 T.O.G. = 650.9
 INV.(W) = 645.5 (EXIST.)
 INV.(S) = 645.7

20
 299+44.7 / 47.7 RT (ELMHURST RD)
 CB, TYP.A 4' DIA. W/ F&G OL. TYP. 1
 T.O.G. = 651.4
 INV.(N) = 645.8

FLAT TOP 21
 101+23.6 / 27.2 LT (DUNDEE RD)
 CB (EXISTING, TO REMAIN)
 T.O.G. = 650.2
 INV.(SE) = 646.6 (EXIST.)
 INV.(W) = 646.8 (EXIST.)

FLAT TOP 22
 100+96.2 / 26.1 LT (DUNDEE RD)
 CB, TYP.A 4' DIA. W/ F&G TYP. 24
 T.O.G. = 650.5
 INV.(N) = 647

NOTE:

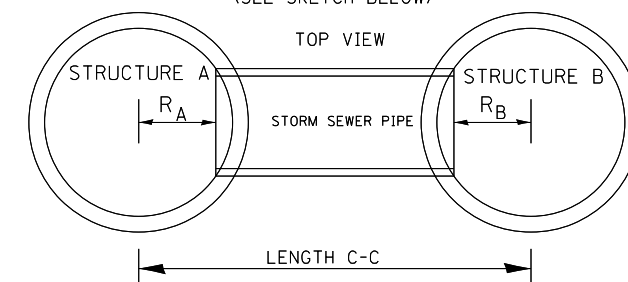
STORM SEWER OFFSET LOCATIONS GIVEN ON THE
 DETAIL PLANS ARE TO THE FOLLOWING POINTS:

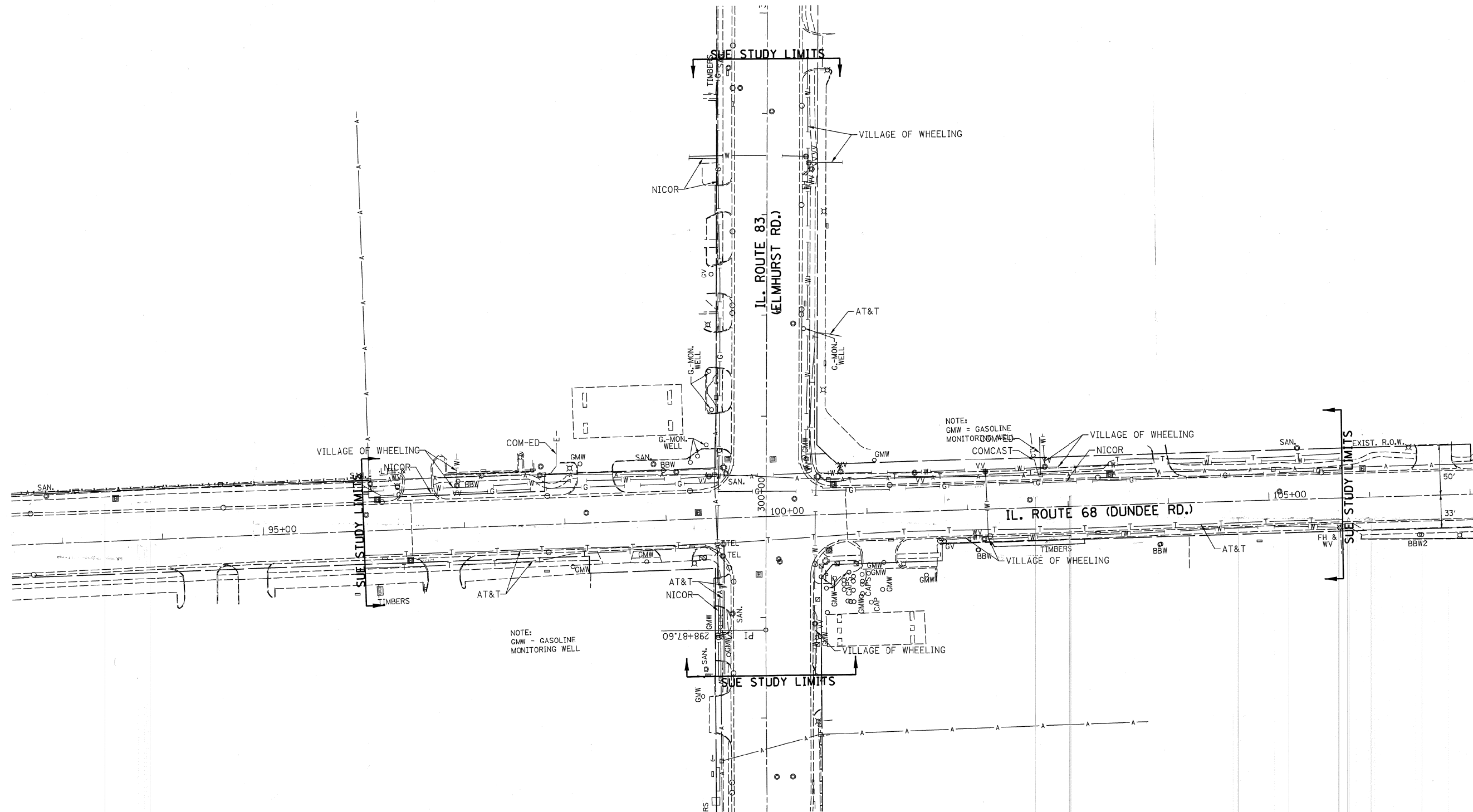
- A) STRUCTURES FALLING WITHIN THE CURB LINE
 ARE MEASURED TO THE EDGE OF PAVEMENT.
- B) ALL OTHER STRUCTURES ARE MEASURED TO
 THE CENTER OF THE STRUCTURE.

PIPE UNDERDRAINS, 4", SHALL BE INSTALLED UNDERNEATH
 THE EDGE OF ALL NEW WIDENING PAVEMENT SECTIONS AND
 SHALL BE CONNCTED TO A STRUCTURE OR AS DIRECTED
 BY THE RESIDENT ENGINEER.

STORM SEWER PIPES	ADJUSTED LENGTH	PIPE LOCATION:		
		STRUCTURE (DOWNSTREAM)	TO	STRUCTURE (UPSTREAM)
2 PROP. STORM SEWER, CLASS A, TYPE 2, 36" TRENCH BACK FILL = 45.3 CUBIC YARDS	27.8'	1	TO	2
3 PROP. STORM SEWER, CLASS A, TYPE 2, 36" TRENCH BACK FILL = 167.8 CUBIC YARDS	119.8'	2	TO	3
4 PROP. STORM SEWER, CLASS A, TYPE 2, 36" TRENCH BACK FILL = 17.4 CUBIC YARDS	14.4'	3	TO	4
5 PROP. STORM SEWER, CLASS A, TYPE 2, 12" TRENCH BACK FILL = 52.6 CUBIC YARDS	66'	4	TO	5
6 PROP. STORM SEWER, CLASS A, TYPE 2, 12" TRENCH BACK FILL = 2.9 CUBIC YARDS	4.1'	5	TO	6
7 PROP. STORM SEWER, CLASS A, TYPE 2, 24" TRENCH BACK FILL = 15.5 CUBIC YARDS	14.9'	4	TO	FLAT TOP 7
9 PROP. STORM SEWER, CLASS A, TYPE 2, 12" TRENCH BACK FILL = 32.4 CUBIC YARDS	48.4'	FLAT TOP 8	TO	9
11 PROP. STORM SEWER, CLASS A, TYPE 2, 12" TRENCH BACK FILL = 10.1 CUBIC YARDS	9.8'	FLAT TOP 10	TO	FLAT TOP 11
12 PROP. STORM SEWER, CLASS A, TYPE 2, 12" TRENCH BACK FILL = 2.7 CUBIC YARD	49.4'	FLAT TOP 11	TO	FLAT TOP 12
13 PROP. STORM SEWER, CLASS A, TYPE 2, 12" TRENCH BACK FILL = 14.4 CUBIC YARDS	47.4'	10	TO	FLAT TOP 13
15 PROP. STORM SEWER, CLASS A, TYPE 2, 12" TRENCH BACK FILL = 40.6 CUBIC YARDS	44'	14	TO	15
16 PROP. STORM SEWER, CLASS A, TYPE 2, 12" TRENCH BACK FILL = 9.6 CUBIC YARDS	12.8'	15	TO	16
18 PROP. STORM SEWER, CLASS A, TYPE 2, 12" TRENCH BACK FILL = 1 CUBIC YARD	3.8'	FLAT TOP 17	TO	FLAT TOP 18
20 PROP. STORM SEWER, CLASS A, TYPE 2, 12" TRENCH BACK FILL = 2.9 CUBIC YARDS	4.2'	19	TO	20
22 PROP. STORM SEWER, CLASS A, TYPE 2, 12" TRENCH BACK FILL = 5.7 CUBIC YARD	23.7'	FLAT TOP 21	TO	FLAT TOP 22

DESIGNER NOTE: STORM SEWER PIPE ADJUSTED LENGTH:
 = LENGTH C-C MINUS R_A MINUS R_B
 (SEE SKETCH BELOW)





NOTE:
GMW = GASOLINE
MONITORING WELL

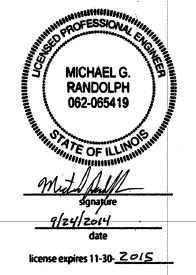
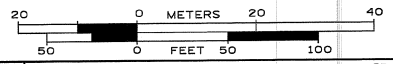
NOTE:
GMW = GASOLINE
MONITORING WELL

— A — A —	AERIAL
— O — O —	UNKNOWN
— CTV — CTV —	OIL
— T — T —	CABLE TV
— G — G —	TELEPHONE
— E — E —	GAS
— W — W —	ELECTRIC
— FO — FO —	WATER
⊕	FIBER OPTIC
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T	- TELEPHONE
COMCAST	- CABLE TV
COM-ED	- ELECTRIC
NICOR	- GAS
VILLAGE OF WHEELING	- WATER

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 9/02/14 through 9/19/14. Changes to utilities after 9/19/14 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.



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	IP	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	9/22/14	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 68 at IL RT. 83
Wheeling, Illinois

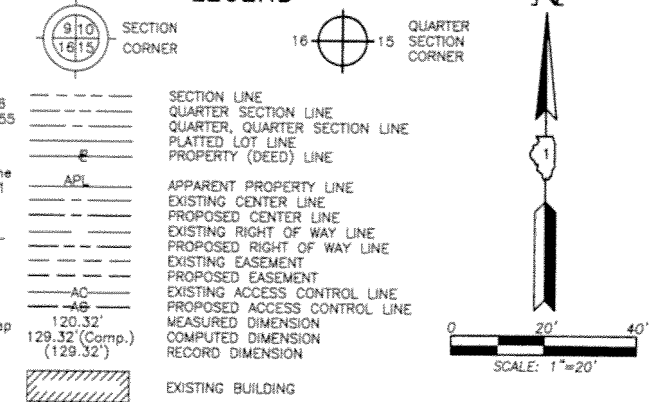
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	Cook	78	30
FED. ROAD DIST. NO. [ILLINOIS] IDOT Project No.			Contract No. 60V97	

TBE Job No. IL09510629
SUE Plan Page: 1 of 1

PART OF THE SOUTH 1/2 OF SEC. 3 AND PART OF THE NORTH 1/2 OF SEC. 10, TWP. 42 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE SHEET 3

LEGEND



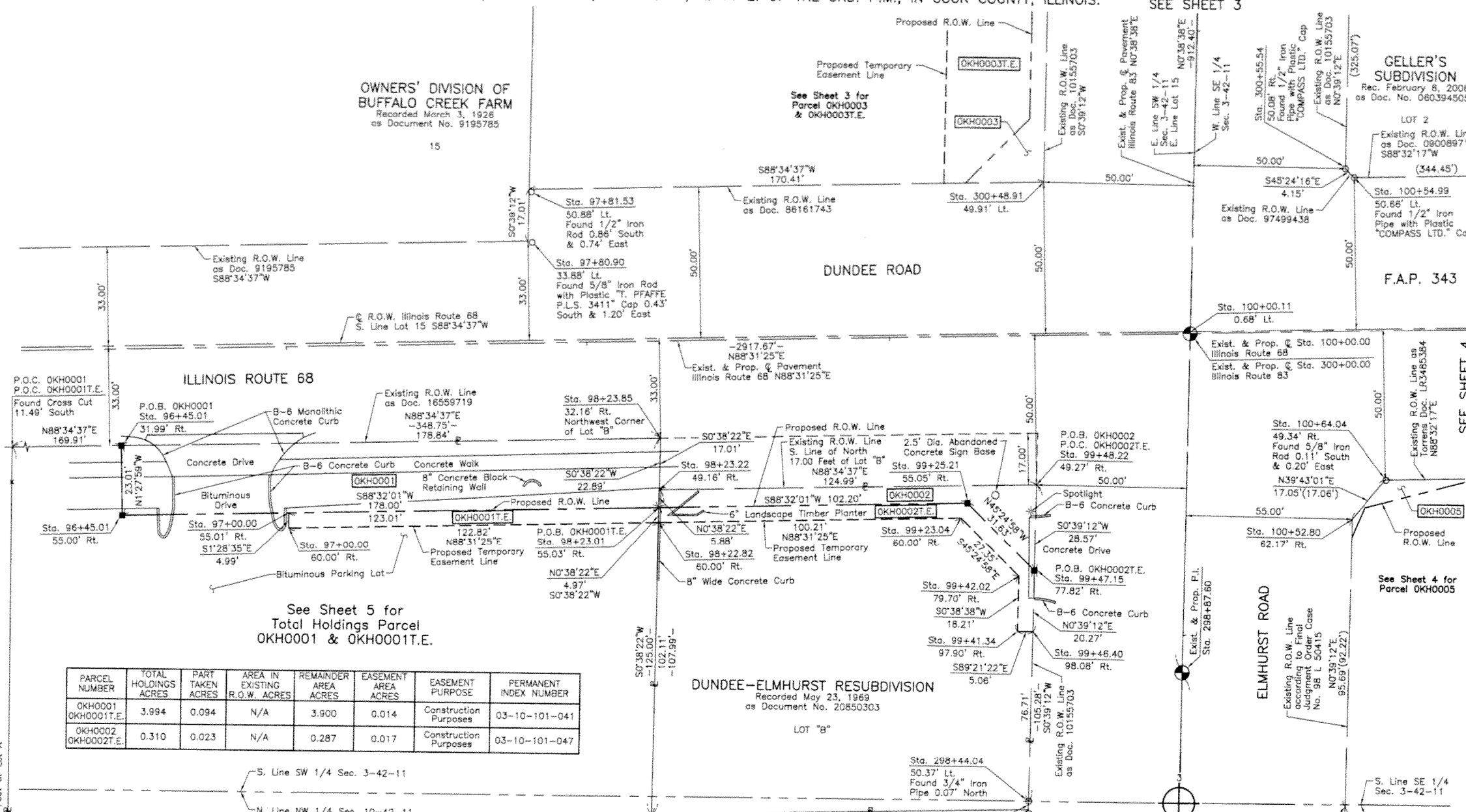
SCALE: 1"=20'

OWNERS' DIVISION OF BUFFALO CREEK FARM
Recorded March 3, 1926
as Document No. 9195785

GELLER'S SUBDIVISION
Rec. February 8, 2006
as Doc. No. 0803945055

F.A.P. 343

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



See Sheet 5 for Total Holdings Parcel OKH0001 & OKH0001T.E.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
OKH0001 OKH0001T.E.	3.994	0.094	N/A	3.900	0.014	Construction Purposes	03-10-101-041
OKH0002 OKH0002T.E.	0.310	0.023	N/A	0.287	0.017	Construction Purposes	03-10-101-047

DUNDEE-ELMHURST RESUBDIVISION
Recorded May 23, 1969
as Document No. 20850303

LOT "B"

DUNHURST SUBDIVISION UNIT NO. ONE
Registered May 3, 1955
as Torrens Document No. LR1591895
Corrected by Certificate of Correction
Registered October 2, 1956
as Torrens Document No. LR1699072

LOT A

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
97+81.53	50.88' Lt.	1,993,607.290	1,091,616.769
98+22.82	60.00' Rt.	1,993,497.512	1,091,660.907
98+23.01	55.03' Rt.	1,993,502.484	1,091,660.962
98+23.22	49.16' Rt.	1,993,508.362	1,091,661.028
98+23.85	32.16' Rt.	1,993,525.372	1,091,661.218
99+23.04	60.00' Rt.	1,993,500.094	1,091,761.085
99+25.21	55.05' Rt.	1,993,505.099	1,091,763.130
99+41.34	97.90' Rt.	1,993,462.683	1,091,780.361
99+42.02	79.70' Rt.	1,993,480.894	1,091,780.566
99+46.40	98.08' Rt.	1,993,462.626	1,091,785.424
99+47.15	77.82' Rt.	1,993,482.899	1,091,785.655
99+48.22	49.27' Rt.	1,993,511.466	1,091,785.981
100+00.11	0.68' Lt.	1,993,562.737	1,091,836.567
100+52.80	62.17' Rt.	1,993,501.270	1,091,890.867
100+54.99	50.66' Lt.	1,993,614.118	1,091,890.140
100+64.04	49.34' Rt.	1,993,514.386	1,091,901.763
298+41.34	50.36' Lt.	1,993,403.488	1,091,784.780
298+43.61	54.63' Rt.	1,993,405.586	1,091,889.776

DUNHURST SUBDIVISION UNIT NUMBER FOUR
Recorded April 24, 1956
as Document No. 16559719

LOT A

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
298+44.04	50.37' Lt.	1,993,406.188	1,091,784.780
300+48.91	49.91' Lt.	1,993,611.522	1,091,787.122
300+55.54	50.08' Rt.	1,993,617.030	1,091,887.187

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
OKH0001	10155703	September 24, 1928
OKH0001	16559719	April 24, 1956
OKH0002	10155703	September 24, 1928
-----	9195785	March 3, 1926
-----	10155703	September 24, 1928
-----	LR3485384**	December 20, 1985
-----	86161743	April 25, 1986
-----	97499438	July 11, 1997
-----	09008971	October 27, 1999
-----	96 L 50637	June 26, 1997*
-----	98 L 50415	January 19, 2000*

* Data Filed
** Torrens Document

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
96+45.01	31.99' Rt.	1,993,520.931	1,091,482.431
96+45.01	55.00' Rt.	1,993,497.929	1,091,483.020
97+00.00	55.01' Rt.	1,993,499.336	1,091,537.995
97+00.00	60.00' Rt.	1,993,494.347	1,091,538.124
97+80.90	33.88' Lt.	1,993,590.281	1,091,616.575

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

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. 343 (ILLINOIS ROUTE 68)

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-020-13
STATION 96+00 TO STATION 101+00
STATION 297+00 TO STATION 301+00
SCALE: 1"=20' SHEET 2 OF 6

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

REVISION DATE

REVISION

MADE BY

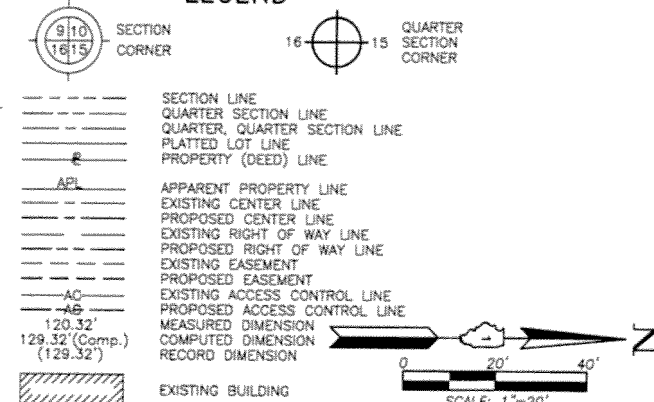
PART OF THE SOUTH 1/2 OF SEC. 3, TWP. 42 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
OKH0003 OKH0003T.E.	0.599	0.023	N/A	0.576	0.094	Construction Purposes	03-03-307-032
OKH0004 OKH0004T.E.	1.360	0.190	0.172	1.170	0.079	Construction Purposes	03-03-307-061 03-03-307-062

Parcel	Document No.	Date Recorded
OKH0003	10155703	September 24, 1928
OKH0003	86161743	April 25, 1986
OKH0004	10155703	September 24, 1928
-----	9195785	March 3, 1926
-----	10155703	September 24, 1928
-----	16559719	April 24, 1956
-----	97499438	July 11, 1997
-----	09008971	October 27, 1999
-----	98 L 50415	January 19, 2000

HOLLYWOOD RIDGE UNIT 1
Recorded December 21, 1959
as Document No. 17740363

LEGEND



- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 BT2 BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 3, TOWNSHIP 42N., RANGE 11E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2014
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. All dimensions are measured unless otherwise specified. Areas shown on this plat are ground. All measured and computed distances are grid not ground. To obtain ground distances, divide grid distances shown by the combined factor of 0.9999626162.

STATION	OFFSET	NORTH	EAST
97+80.90	33.88' Lt.	1,993,590.281	1,091,616.575
97+81.53	50.88' Lt.	1,993,607.290	1,091,616.769
98+23.22	49.16' Rt.	1,993,508.362	1,091,661.028
98+23.85	32.16' Rt.	1,993,525.372	1,091,661.218
99+48.22	49.27' Rt.	1,993,511.466	1,091,785.981
100+00.11	0.68' Lt.	1,993,562.737	1,091,836.567
100+52.80	62.17' Rt.	1,993,501.270	1,091,890.867

STATION	OFFSET	NORTH	EAST
97+80.90	33.88' Lt.	1,993,590.281	1,091,616.575
97+81.53	50.88' Lt.	1,993,607.290	1,091,616.769
98+23.22	49.16' Rt.	1,993,508.362	1,091,661.028
98+23.85	32.16' Rt.	1,993,525.372	1,091,661.218
99+48.22	49.27' Rt.	1,993,511.466	1,091,785.981
100+00.11	0.68' Lt.	1,993,562.737	1,091,836.567
100+52.80	62.17' Rt.	1,993,501.270	1,091,890.867

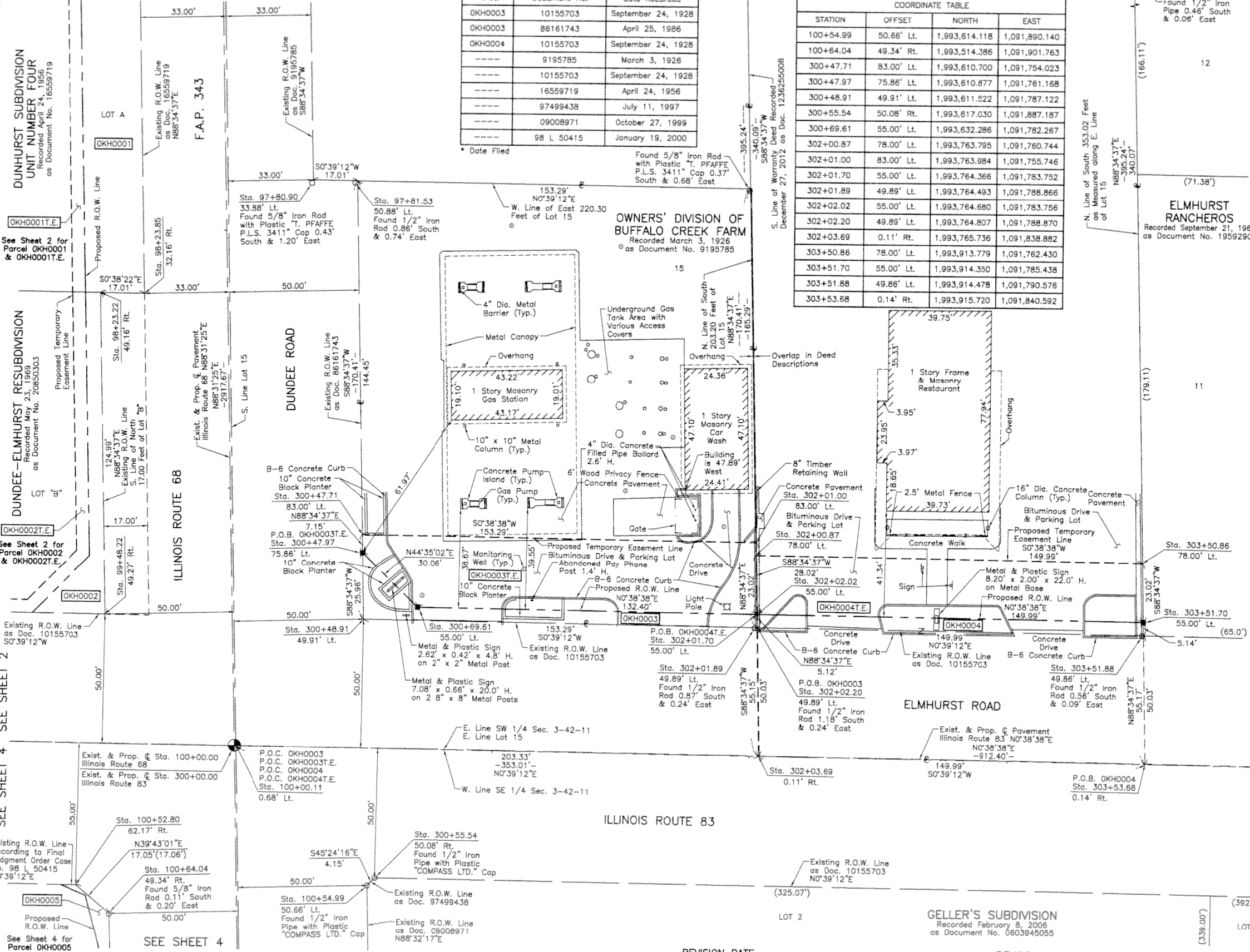
JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

RECEIVED
JUN 30 2014
PLATS & LEGAL

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 343 (ILLINOIS ROUTE 68)

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-020-13
STATION 97+00 TO STATION 101+00
STATION 299+00 TO STATION 304+00
SCALE: 1"=20' SHEET 3 OF 6

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



STATION	OFFSET	NORTH	EAST
100+54.99	50.66' Lt.	1,993,614.118	1,091,890.140
100+64.04	49.34' Rt.	1,993,514.386	1,091,901.763
300+47.71	83.00' Lt.	1,993,610.700	1,091,754.023
300+47.97	75.86' Lt.	1,993,610.877	1,091,761.168
300+48.91	49.91' Lt.	1,993,611.522	1,091,787.122
300+55.54	50.08' Rt.	1,993,617.030	1,091,887.187
300+69.61	55.00' Lt.	1,993,632.286	1,091,782.267
302+00.87	78.00' Lt.	1,993,763.795	1,091,760.744
302+01.00	83.00' Lt.	1,993,763.984	1,091,755.746
302+01.70	55.00' Lt.	1,993,764.366	1,091,783.752
302+01.89	49.89' Lt.	1,993,764.493	1,091,788.866
302+02.02	55.00' Lt.	1,993,764.680	1,091,783.756
302+02.20	49.89' Lt.	1,993,764.807	1,091,788.870
302+03.69	0.11' Rt.	1,993,765.736	1,091,838.882
303+50.86	78.00' Lt.	1,993,913.779	1,091,762.430
303+51.70	55.00' Lt.	1,993,914.350	1,091,785.438
303+51.88	49.86' Lt.	1,993,914.478	1,091,790.576
303+53.68	0.14' Rt.	1,993,915.720	1,091,840.592

SEE SHEET 2
SEE SHEET 4

SEE SHEET 2
SEE SHEET 4

REVISION DATE REVISION

MADE BY

PART OF THE SOUTH 1/2 OF SEC. 3 AND PART OF THE NORTH 1/2 OF SEC. 10, TWP. 42 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

OWNERS' DIVISION OF BUFFALO CREEK FARM
Recorded March 3, 1926
as Document No. 9195785

SEE SHEET 3

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. SQUARE FEET	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
OKH0005	0.448	0.004	159	N/A	0.444	N/A	03-10-200-027

GELLER'S SUBDIVISION
Recorded February 8, 2008
as Document No. 0603945055

LOT 2
(344.45')

ILLINOIS ROUTE 68

DUNDEE ROAD

LOT A

DUNHURST SUBDIVISION
UNIT NO. ONE
Registered May 3, 1955
as Torrens Document No. LR1591895
Corrected by Certificate of Correction
Registered October 2, 1956
as Torrens Document No. LR1699072

SEE SHEET 2

F.A.P. 343

DUNDEE-ELMHURST RESUBDIVISION
Recorded May 23, 1969
as Document No. 20850303

DUNHURST SUBDIVISION
UNIT NUMBER FOUR
Recorded April 24, 1956
as Document No. 16559719

LEGEND

SECTION CORNER 16
QUARTER SECTION CORNER 15

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DIMENSION

EXISTING BUILDING

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

0 20' 40'
SCALE: 1"=20'

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

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
100+57.00	58.50' Lt.	1,993,505.045	1,091,894.866
100+64.04	49.34' Rt.	1,993,514.386	1,091,801.763
100+94.70	49.34' Rt.	1,993,515.168	1,091,932.415
101+68.36	49.36' Rt.	1,993,517.048	1,092,006.050
101+68.99	32.36' Rt.	1,993,534.058	1,092,006.244
297+81.97	54.73' Rt.	1,993,343.950	1,091,889.771
298+43.61	54.63' Rt.	1,993,405.586	1,091,889.776
298+44.04	50.37' Lt.	1,993,406.188	1,091,784.780
300+48.91	49.91' Lt.	1,993,611.522	1,091,787.122
300+55.54	50.08' Rt.	1,993,617.030	1,091,887.187

STATE OF ILLINOIS }
COUNTY OF LAKE }
SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 3, TOWNSHIP 42N., RANGE 11E. AND SECTION 10, TOWNSHIP 42N., RANGE 11E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2014
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by the combined factor of 0.9999628162.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
99+48.22	49.27' Rt.	1,993,511.466	1,091,785.981
100+00.11	0.68' Lt.	1,993,562.737	1,091,836.587
100+52.58	68.33' Rt.	1,993,495.103	1,091,890.797
100+52.80	62.17' Rt.	1,993,501.270	1,091,890.867
100+54.99	50.66' Lt.	1,993,614.118	1,091,890.140

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
OKH0005	98 L 50415	January 19, 2000*
OKH0005	LR348538**	December 20, 1985
----	10155703	September 24, 1928
----	LR1591895**	May 3, 1955
----	86161743	April 25, 1986
----	96 L 50637	June 26, 1997*
----	97499438	July 11, 1997
----	09008971	October 27, 1999

* Date Filed
** Torrens Document

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

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 343 (ILLINOIS ROUTE 68)

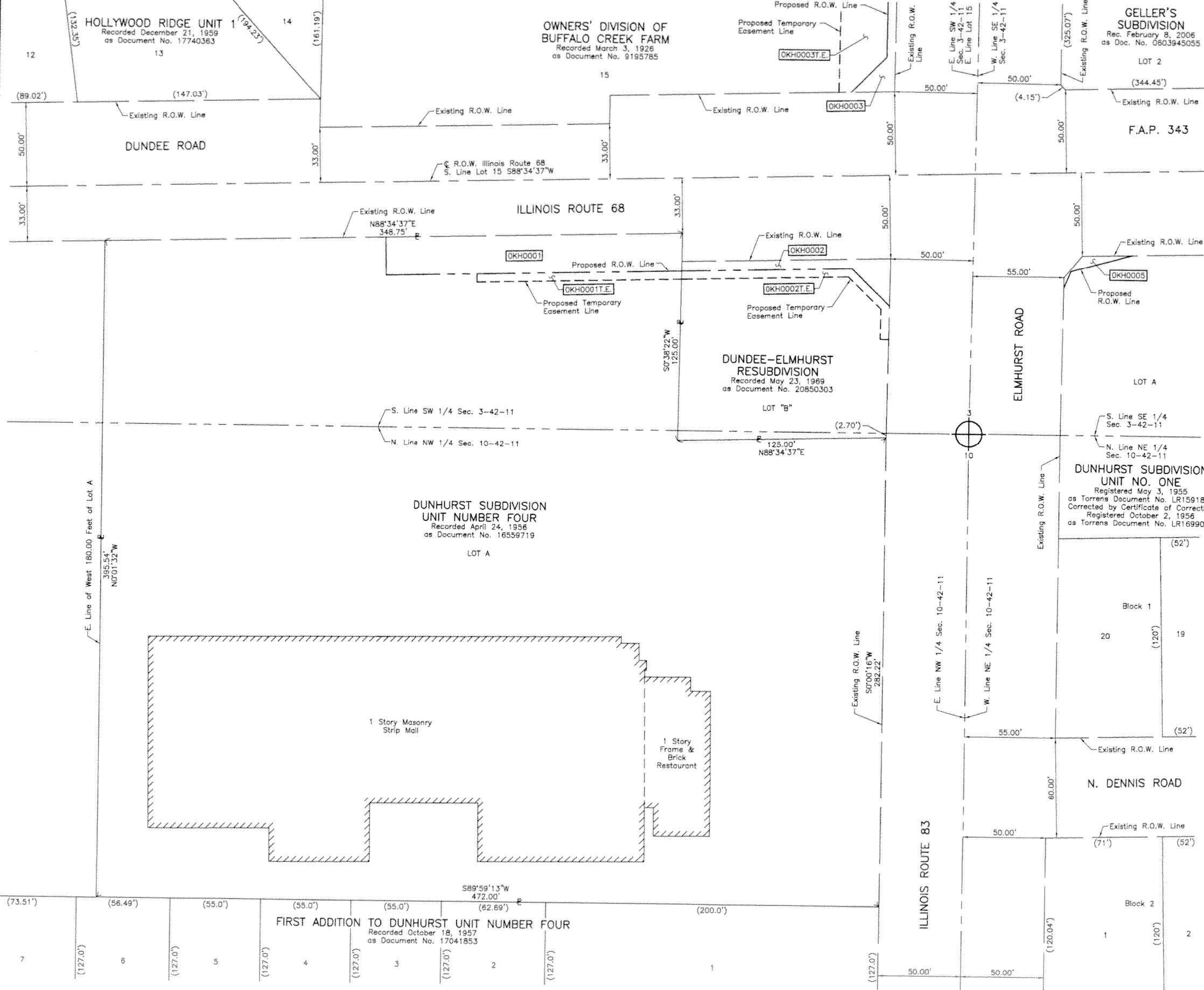
LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-020-13
STATION 99+00 TO STATION 104+00
STATION 297+00 TO STATION 301+00
SCALE: 1"=20' SHEET 4 OF 6

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

REVISION DATE REVISION

REC'D
JAN 30 2014
PLATS & LEGALS
MADE BY

PART OF THE SOUTH 1/2 OF SEC. 3 AND PART OF THE NORTH 1/2 OF SEC. 10, TWP. 42 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

	SECTION CORNER		QUARTER SECTION CORNER
	SECTION LINE		QUARTER SECTION LINE
	QUARTER SECTION LINE		PLATTED LOT LINE
	PROPERTY (DEED) LINE		APPARENT PROPERTY LINE
	PROPOSED CENTER LINE		PROPOSED RIGHT OF WAY LINE
	EXISTING RIGHT OF WAY LINE		EXISTING EASEMENT
	PROPOSED EASEMENT		EXISTING ACCESS CONTROL LINE
	PROPOSED ACCESS CONTROL LINE		MEASURED DIMENSION
	COMPUTED DIMENSION		RECORD DIMENSION
	EXISTING BUILDING		

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

O IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
 ● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ● T2
 ● T3
 ● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ● BT2
 ● BT3
 ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 3, TOWNSHIP 42N., RANGE 11E. AND SECTION 10, TOWNSHIP 42N., RANGE 11E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

 PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2014
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 All dimensions are measured unless otherwise specified.
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RECEIVED
 JAN 30 2014
 PLATS & LEGALS

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

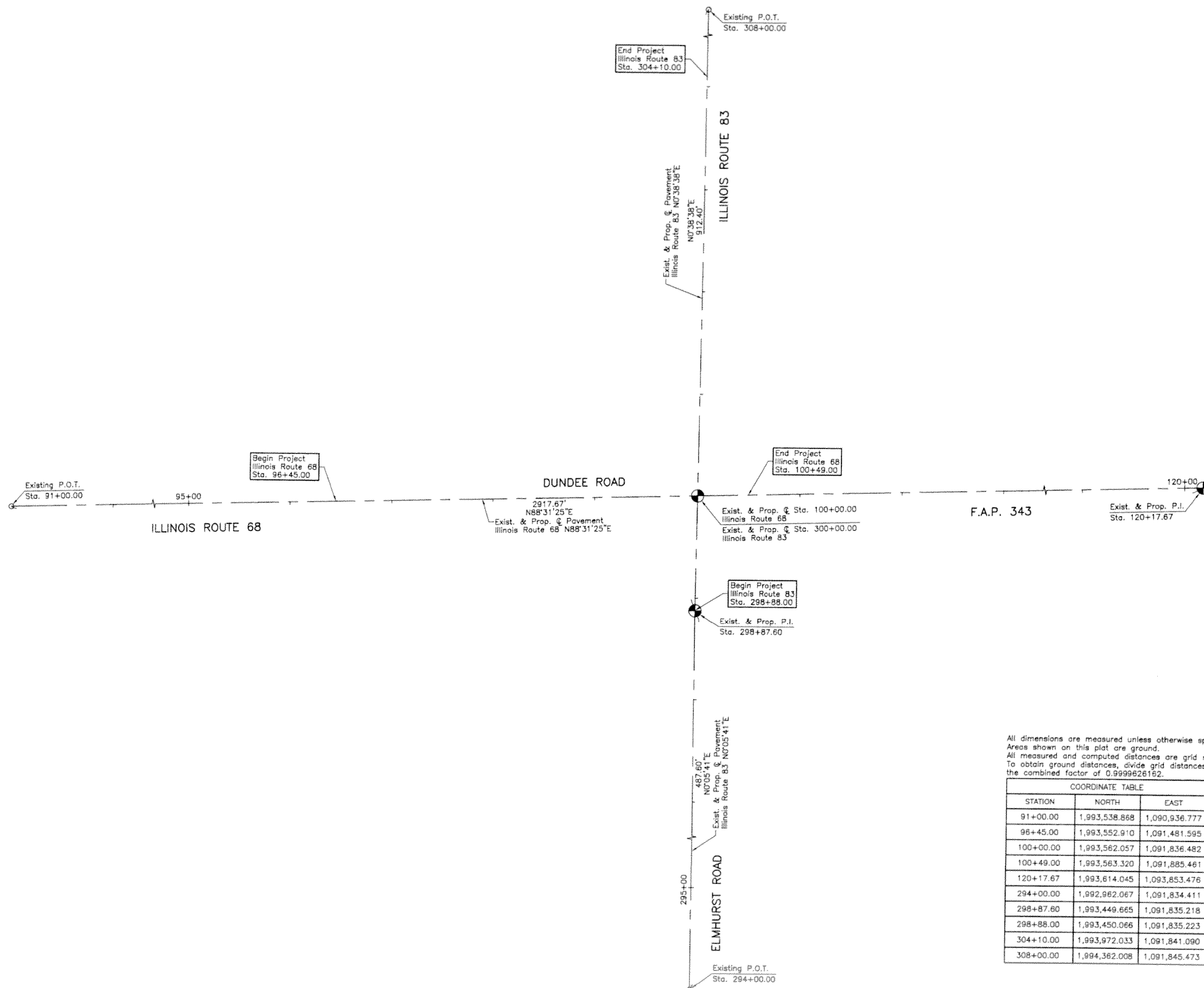
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 F.A.P. 343 (ILLINOIS ROUTE 68)

LIMITS: COUNTY: COOK
 SECTION: JOB NO.: R-90-020-13
 STATION NONE TO STATION
 SCALE: 1"=30' SHEET 5 OF 6

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

REVISION DATE REVISION MADE BY

PART OF THE SOUTH 1/2 OF SEC. 3 AND PART OF THE NORTH 1/2 OF SEC. 10, TWP. 42 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 910, 1815

QUARTER SECTION CORNER: 16, 15

SECTION LINE: ---

QUARTER SECTION LINE: - - -

QUARTER, QUARTER SECTION LINE: - · -

PLATTED LOT LINE: - · - · -

PROPERTY (DEED) LINE: - · - · - · -

APL: ---

APPARENT PROPERTY LINE: ---

EXISTING CENTER LINE: ---

PROPOSED CENTER LINE: ---

EXISTING RIGHT OF WAY LINE: ---

PROPOSED RIGHT OF WAY LINE: ---

EXISTING EASEMENT: ---

PROPOSED EASEMENT: ---

EXISTING ACCESS CONTROL LINE: ---

PROPOSED ACCESS CONTROL LINE: ---

MEASURED DIMENSION: 120.32'

COMPUTED DIMENSION: 129.32' (Comp.)

RECORD DIMENSION: (129.32')

EXISTING BUILDING: [Hatched Box]

SCALE: 1"=50'

0 50' 100'

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

STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 3, TOWNSHIP 42N., RANGE 11E. AND SECTION 10, TOWNSHIP 42N., RANGE 11E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

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

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 Areas shown on this plat are ground.
 All measured and computed distances are grid not ground.
 To obtain ground distances, divide grid distances shown by the combined factor of 0.9999626162.

COORDINATE TABLE		
STATION	NORTH	EAST
91+00.00	1,993,538.868	1,090,936.777
96+45.00	1,993,552.910	1,091,481.595
100+00.00	1,993,562.057	1,091,836.482
100+49.00	1,993,563.320	1,091,885.461
120+17.67	1,993,614.045	1,093,853.476
294+00.00	1,992,962.067	1,091,834.411
298+87.60	1,993,449.665	1,091,835.218
298+88.00	1,993,450.066	1,091,835.223
304+10.00	1,993,972.033	1,091,841.090
308+00.00	1,994,362.008	1,091,845.473

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 PLATS & LEGALS

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

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 343 (ILLINOIS ROUTE 68)

LIMITS: COUNTY: COOK
 SECTION: JOB NO.: R-90-020-13
 STATION 91+00.00 TO STATION 120+17.67
 STATION 294+00.00 TO STATION 308+00.00
 SCALE: 1"=50' SHEET 6 OF 6

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

REVISION DATE _____ REVISION _____ MADE BY _____

PAVEMENT MARKING LEGEND (THERMOPLASTIC)

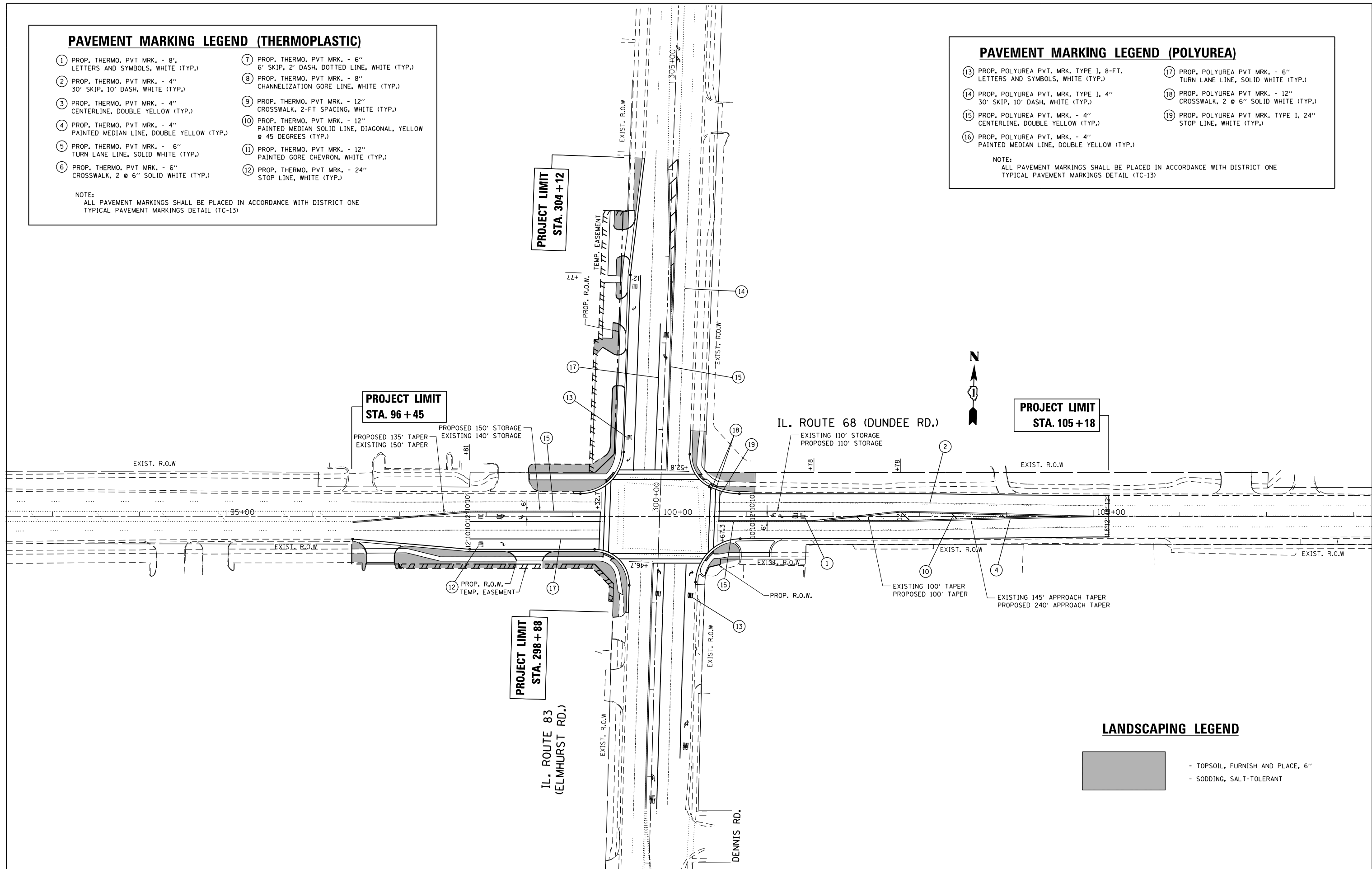
- | | |
|---|--|
| ① PROP. THERMO. PVT MRK. - 8", LETTERS AND SYMBOLS, WHITE (TYP.) | ⑦ PROP. THERMO. PVT MRK. - 6" 6' SKIP, 2' DASH, DOTTED LINE, WHITE (TYP.) |
| ② PROP. THERMO. PVT MRK. - 4" 30' SKIP, 10' DASH, WHITE (TYP.) | ⑧ PROP. THERMO. PVT MRK. - 8" CHANNELIZATION GORE LINE, WHITE (TYP.) |
| ③ PROP. THERMO. PVT MRK. - 4" CENTERLINE, DOUBLE YELLOW (TYP.) | ⑨ PROP. THERMO. PVT MRK. - 12" CROSSWALK, 2-FT SPACING, WHITE (TYP.) |
| ④ PROP. THERMO. PVT MRK. - 4" PAINTED MEDIAN LINE, DOUBLE YELLOW (TYP.) | ⑩ PROP. THERMO. PVT MRK. - 12" PAINTED MEDIAN SOLID LINE, DIAGONAL, YELLOW @ 45 DEGREES (TYP.) |
| ⑤ PROP. THERMO. PVT MRK. - 6" TURN LANE LINE, SOLID WHITE (TYP.) | ⑪ PROP. THERMO. PVT MRK. - 12" PAINTED GORE CHEVRON, WHITE (TYP.) |
| ⑥ PROP. THERMO. PVT MRK. - 6" CROSSWALK, 2 @ 6" SOLID WHITE (TYP.) | ⑫ PROP. THERMO. PVT MRK. - 24" STOP LINE, WHITE (TYP.) |

NOTE:
ALL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL (TC-13)

PAVEMENT MARKING LEGEND (POLYUREA)

- | | |
|--|--|
| ⑬ PROP. POLYUREA PVT. MRK. TYPE I, 8-FT. LETTERS AND SYMBOLS, WHITE (TYP.) | ⑰ PROP. POLYUREA PVT MRK. - 6" TURN LANE LINE, SOLID WHITE (TYP.) |
| ⑭ PROP. POLYUREA PVT. MRK. TYPE I, 4" 30' SKIP, 10' DASH, WHITE (TYP.) | ⑱ PROP. POLYUREA PVT MRK. - 12" CROSSWALK, 2 @ 6" SOLID WHITE (TYP.) |
| ⑮ PROP. POLYUREA PVT. MRK. - 4" CENTERLINE, DOUBLE YELLOW (TYP.) | ⑲ PROP. POLYUREA PVT MRK. TYPE I, 24" STOP LINE, WHITE (TYP.) |
| ⑯ PROP. POLYUREA PVT. MRK. - 4" PAINTED MEDIAN LINE, DOUBLE YELLOW (TYP.) | |

NOTE:
ALL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL (TC-13)



LANDSCAPING LEGEND

- TOPSOIL, FURNISH AND PLACE, 6"
- SODDING, SALT-TOLERANT

FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/21/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING & PAVEMENT MARKING PLAN
IL. ROUTE 68 (DUNDEE RD.) AT IL. ROUTE 83 (ELMHURST RD.)**
SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3 (12)	COOK	78	36
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL SUMMARY OF QUANTITIES			IL 68 (DUNDEE RD) AT IL 83 (ELMHURST RD)	INTERCONNECT
LOCATION OF WORK	CONSTRUCTION CODE		0021	0021
ITEM	UNIT	GRAND TOTAL		
SIGN PANEL - TYPE 2	SQ FT	53	53	
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1	1	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2,228	1305	923
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	54	54	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	26	26	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	491	491	
HANDHOLE	EACH	6	6	
HEAVY-DUTY HANDHOLE	EACH	4	4	
DOUBLE HANDHOLE	EACH	2	2	
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3		3
TRANSCIVER - FIBER OPTIC	EACH	1	1	
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	6,823		6823
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,438	1438	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,841	1841	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,437	1437	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,777	2777	
ELECTRIC CABLE IN CONDUIT, LEAD-IN NO. 14 1 PAIR	FOOT	4,238	4268	
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	61	61	
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	541	541	
STEEL MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	2	2	
STEEL MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1	1	
STEEL MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1	1	
CONCRETE FOUNDATION, TYPE C	FOOT	4	4	
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	56	56	
DRILL EXISTING HANDHOLE	EACH	3		3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5	5	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	1	
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	7	7	
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7	7	
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8	8	
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12	12	
INDUCTIVE LOOP DETECTOR	EACH	14	14	
DETECTOR LOOP, TYPE I	FOOT	968	968	
* LIGHT DETECTOR	EACH	2	2	
* LIGHT DETECTOR AMPLIFIER	EACH	1	1	
PEDESTRIAN PUSH-BUTTON	EACH	8	8	
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,237		4237
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	
REMOVE EXISTING HANDHOLE	EACH	11	11	
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1	1	
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8	8	
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	345	345	
ROD AND CLEAN EXISTING CONDUIT	FOOT	4,237		4237
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1	1	
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1	1	
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	6,892		6892
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1		1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1	

* 100% COST TO THE VILLAGE OF WHEELING

GENERAL NOTES:

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470, 72 HOURS IN ADVANCE OF BEGINNING WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.
- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT ELECTRICAL FACILITIES FROM THE DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR PRIOR TO THE START OF ANY WORK. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.
- CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.
- RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

FILE NAME : M:\pro\148\2109 PTB 172-6 IDOT Ver. Signals\14-017 IL68 (IL68 to Wheeling Rd)\DesignCAD\Sheet Files\60V97_notes.dgn

USER NAME : .USERNAME.	DESIGNED - KMM	REVISED -
PLOT SCALE = 1/8" = 1'-0"	DRAWN - CDC	REVISED -
PLOT DATE = 6/10/2015	CHECKED - DW	REVISED -
	DATE - 10/22/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL SUMMARY OF QUANTITIES
& GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	37
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE			
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE			
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA			
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED			
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F			
UNINTERRUPTABLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F			
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				UNDERGROUND CONDUIT, GALVANIZED STEEL (UC)				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM24F			
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM24F			
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE			
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM				STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM				ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED			
SIGNAL POST				REMOVE ITEM				STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM				SIGNAL POST AND FOUNDATION TO BE REMOVED			
GUY WIRE				ABANDON ITEM				INTERSECTION & SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				QUEUE DETECTOR			
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				PREFORMED QUEUE DETECTOR			
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				"RB" INDICATES REFLECTIVE BACKPLATE				PREFORMED SAMPLING (SYSTEM) DETECTOR			
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL							
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED							
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID							
ILLUMINATED SIGN "NO LEFT TURN"				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER							
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO INTERCONNECT							
DETECTOR LOOP, TYPE I				RADIO REPEATER							
PREFORMED DETECTOR LOOP				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED							
MICROWAVE VEHICLE SENSOR				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)							
VIDEO DETECTION CAMERA											
VIDEO DETECTION ZONE											
PAN, TILT, ZOOM CAMERA											
WIRELESS DETECTOR SENSOR											
WIRELESS ACCESS POINT											

RAILROAD SYMBOLS

	EXISTING	PROPOSED
RAILROAD CONTROL CABINET		
RAILROAD CANTILEVER MAST ARM		
FLASHING SIGNAL		
CROSSING GATE		
CROSSBUCK		

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PLOT SCALE = 1,0000' / in.	DRAWN - CDC	REVISED -
PLOT DATE = 6/10/2015	CHECKED - DW	REVISED -
	DATE - 10/22/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

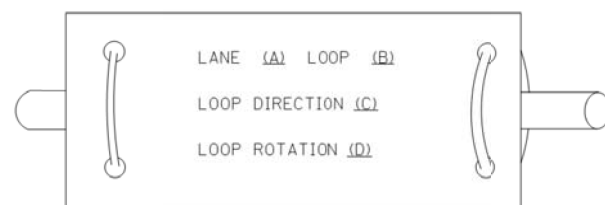
SCALE: NONE SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	38
CONTRACT NO. 60V97				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

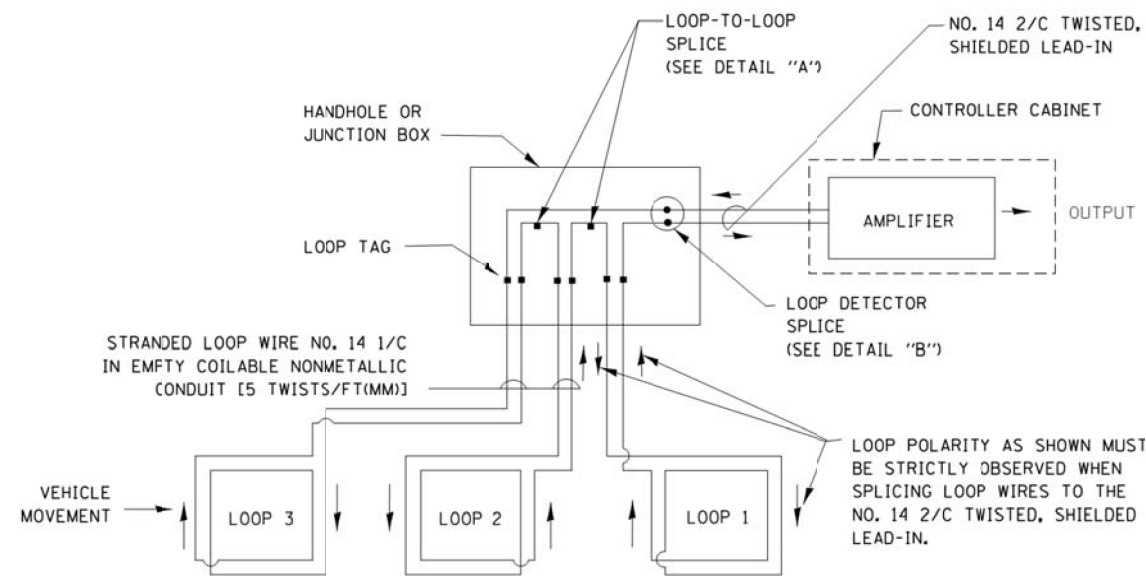
LOOP DETECTOR NOTES

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

LOOP LEAD-IN CABLE TAG

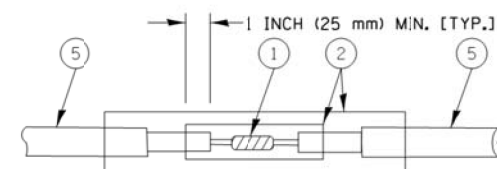


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

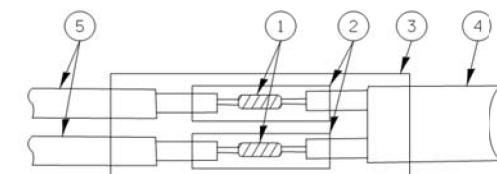


DETECTOR LOOP WIRING SCHEMATIC

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

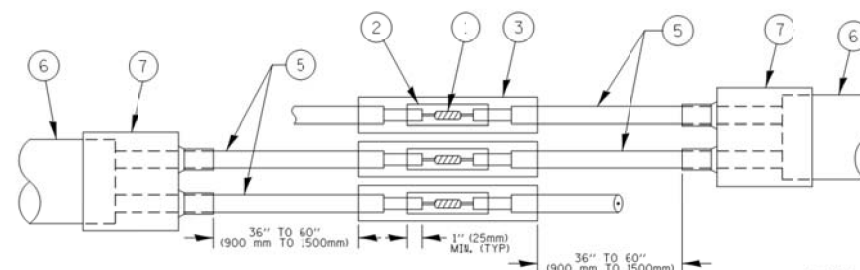


DETAIL "A"
LOOP-TO-LOOP SPLICE

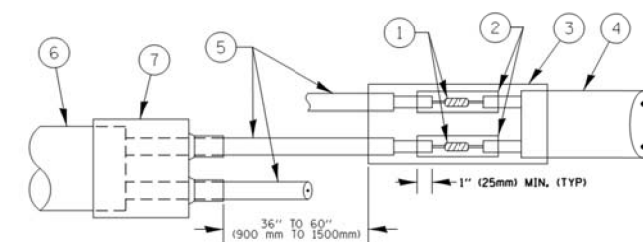


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



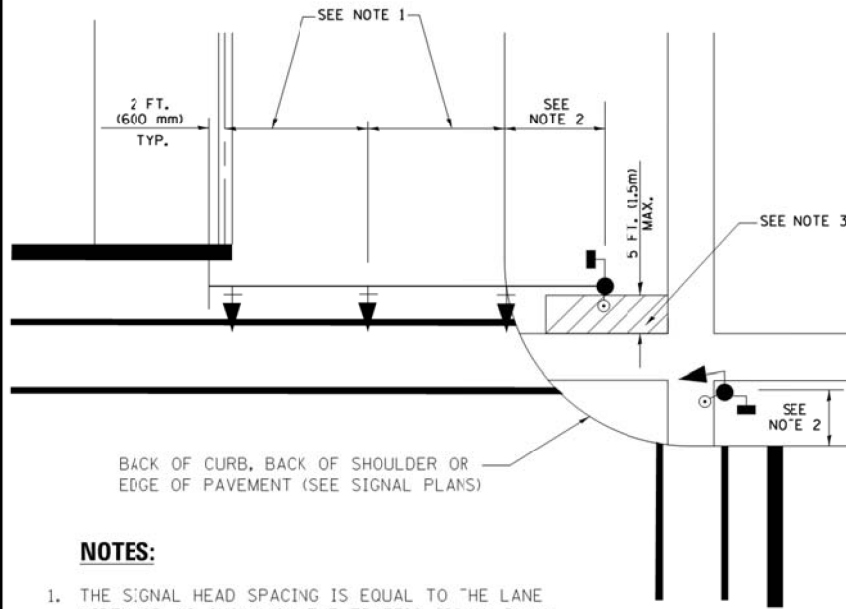
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

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

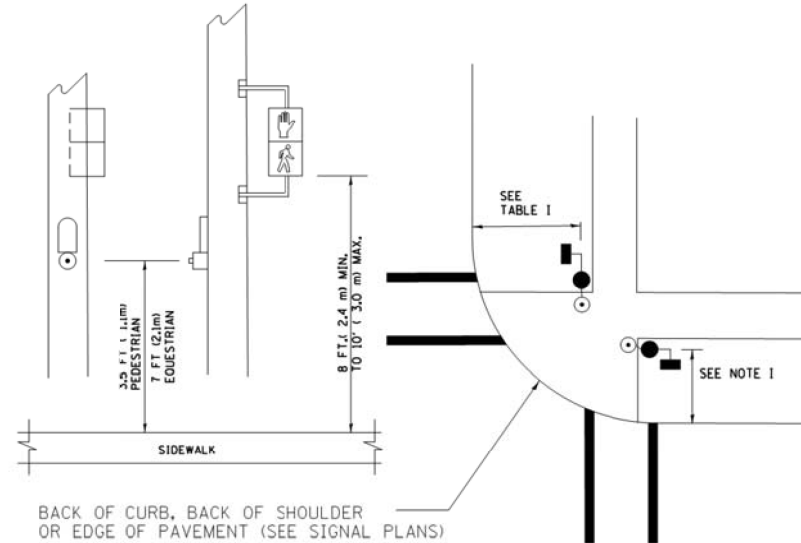
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



NOTES:

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

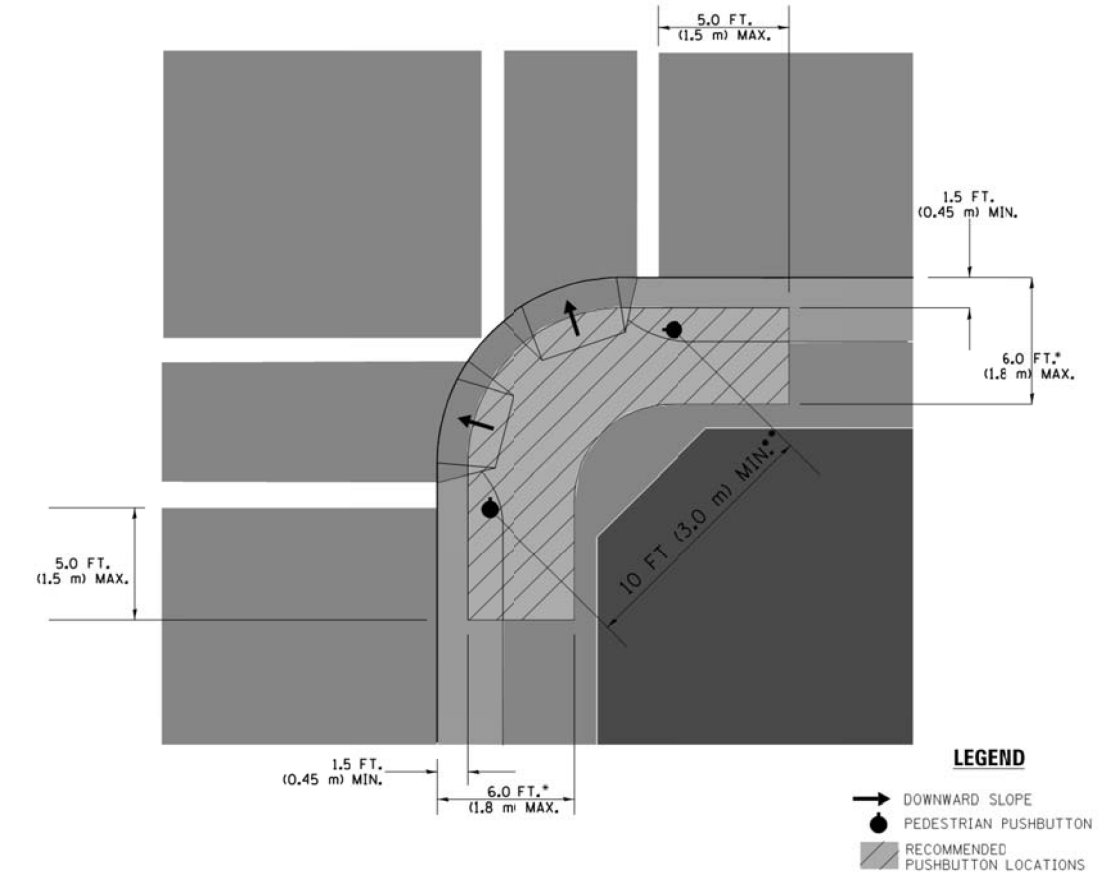
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

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

NOTES:

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

TRAFFIC SIGNAL EQUIPMENT OFFSET

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

NOTES:

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

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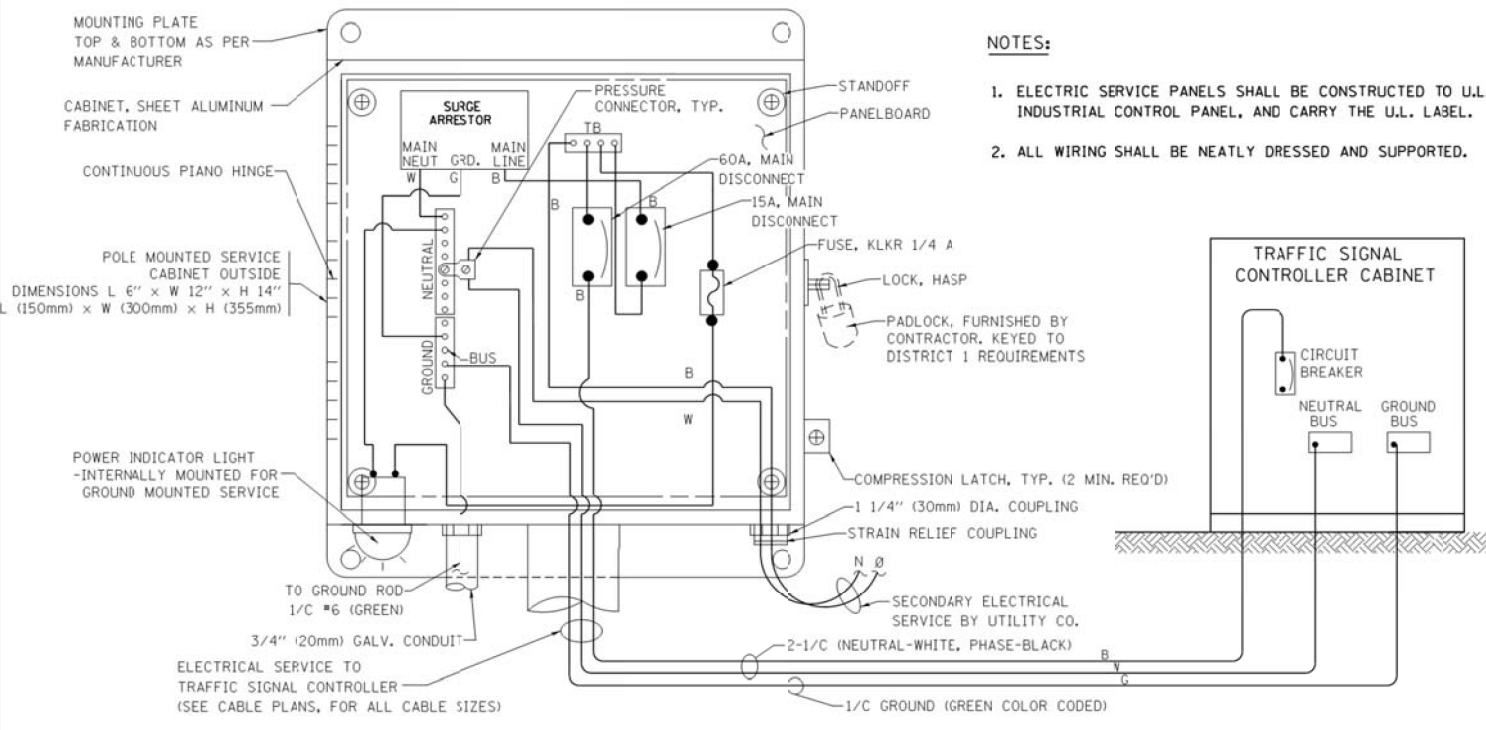
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

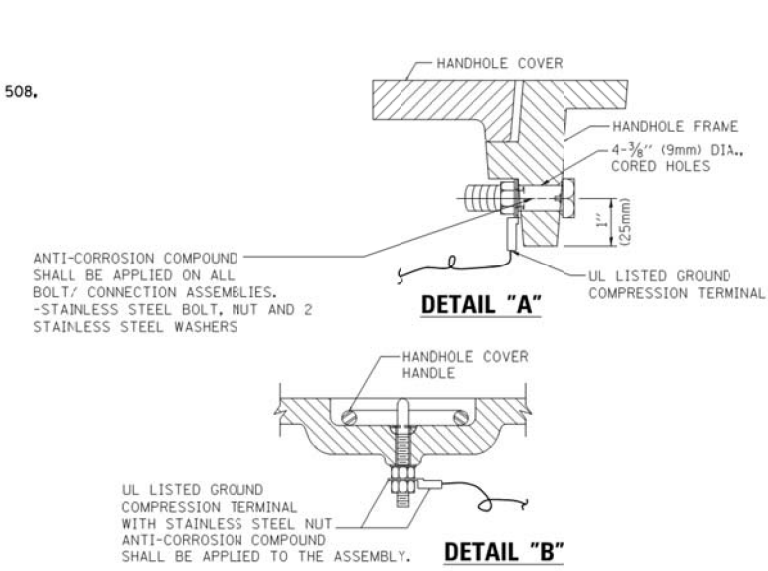
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	40
CONTRACT NO. 60V97				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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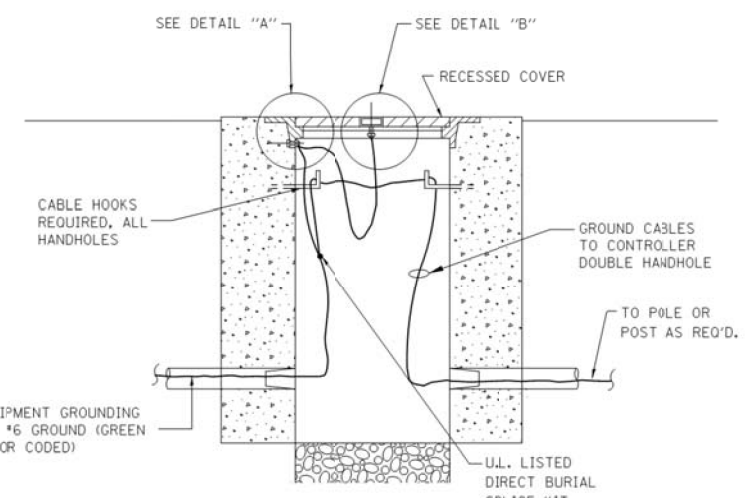


- NOTES:**
1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
 2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

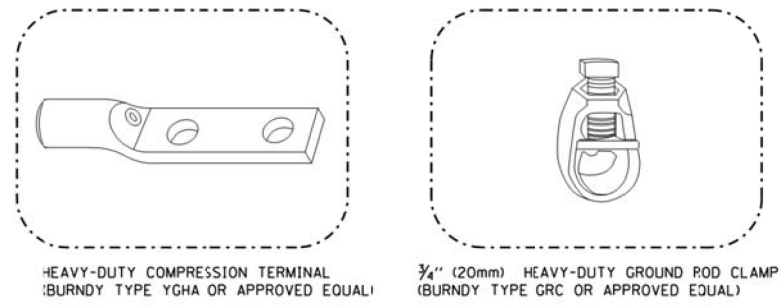


- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED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

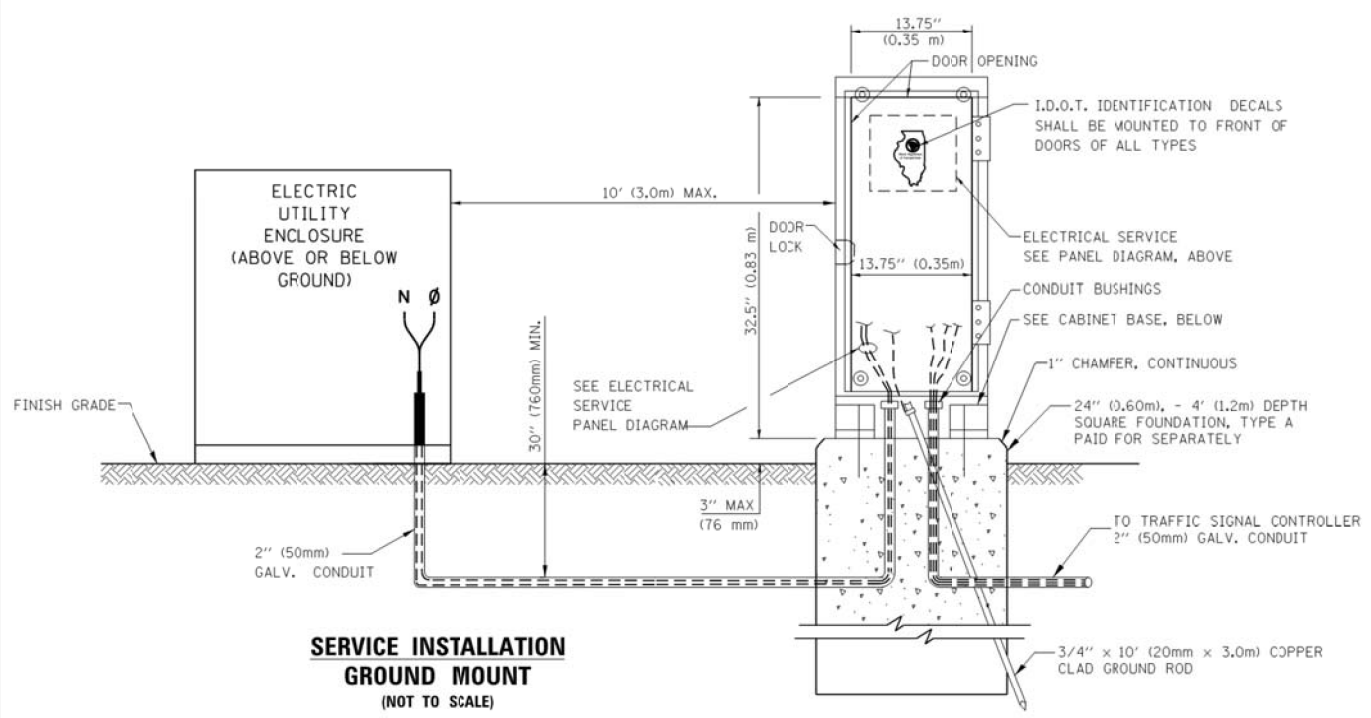
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE) SERVICE INSTALLATION POLE MOUNT (SHOWN) (NOT TO SCALE)



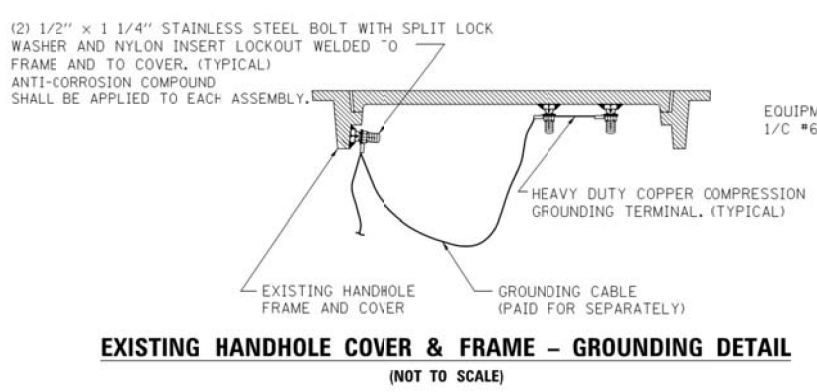
HANDHOLE COVER & FRAME - GROUNDING DETAIL (NOT TO SCALE)



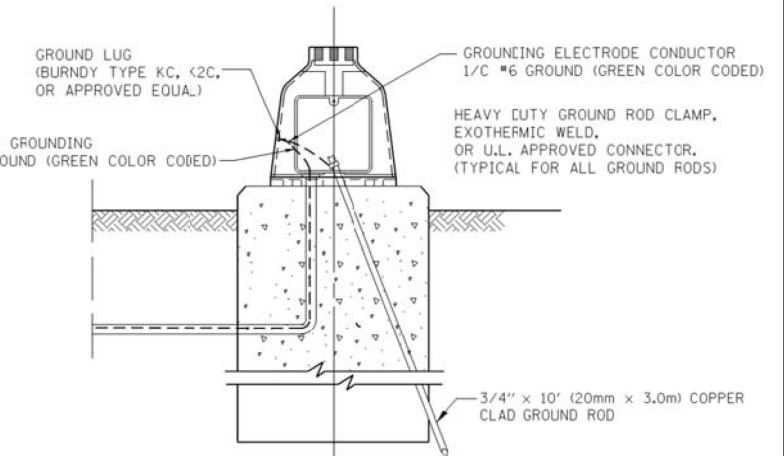
- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



SERVICE INSTALLATION GROUND MOUNT (NOT TO SCALE)

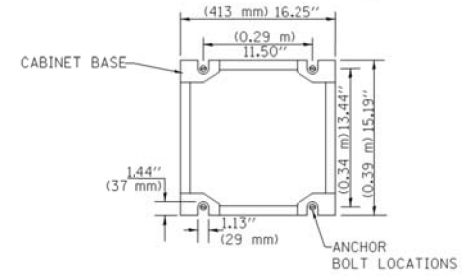


EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL (NOT TO SCALE)



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

CABINET - BASE BOLT PATTERN (NOT TO SCALE)

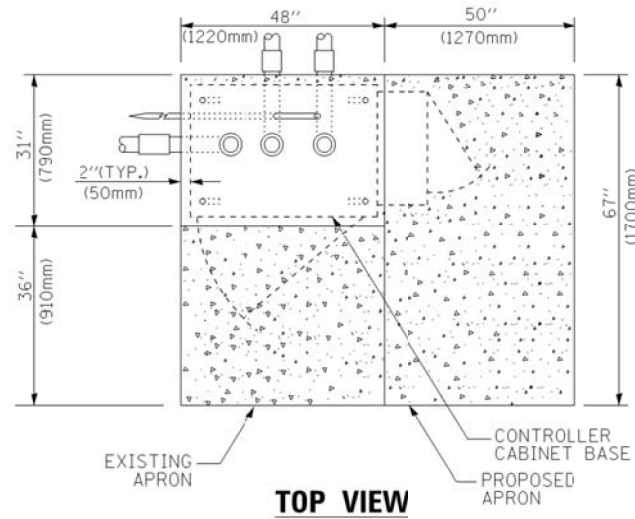


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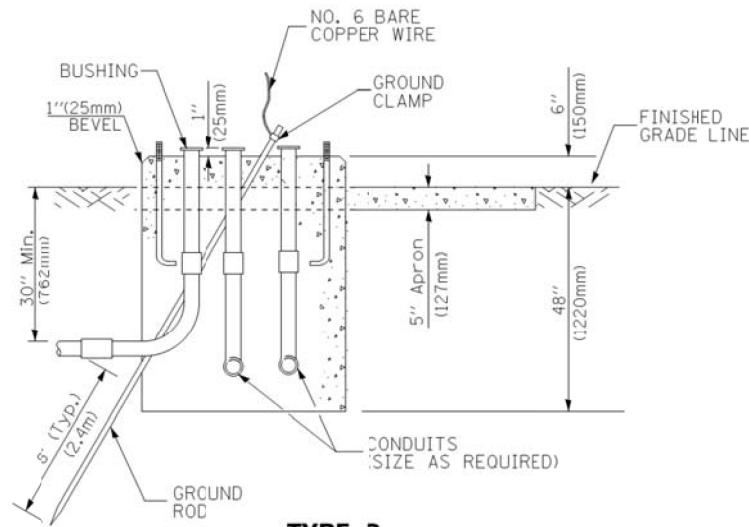
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS
SCALE: NONE SHEET NO. 4 OF 7 SHEETS STA. TO STA.

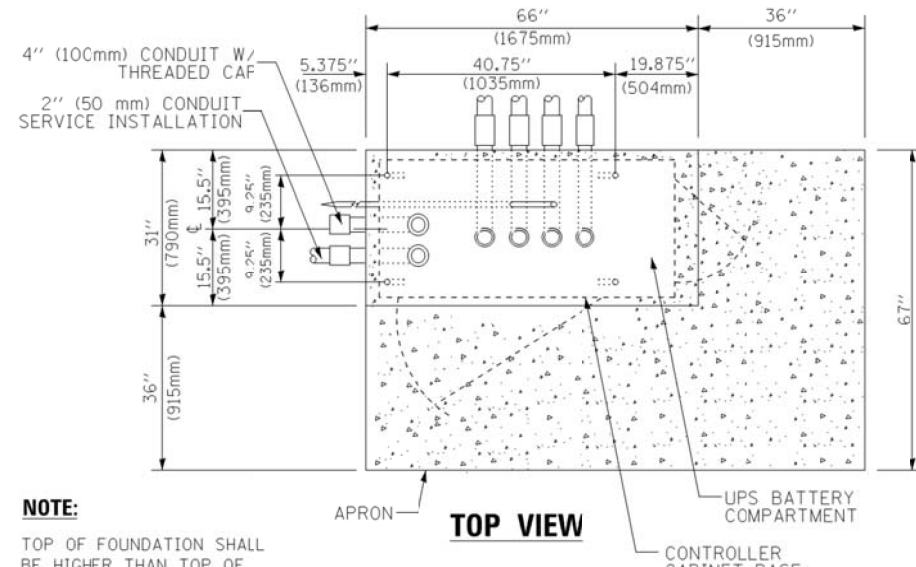
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	41
CONTRACT NO. 60V97				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TOP VIEW

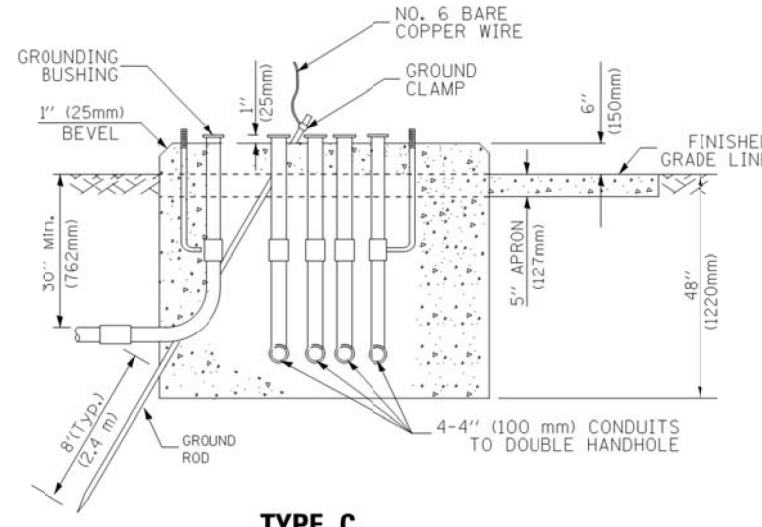


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

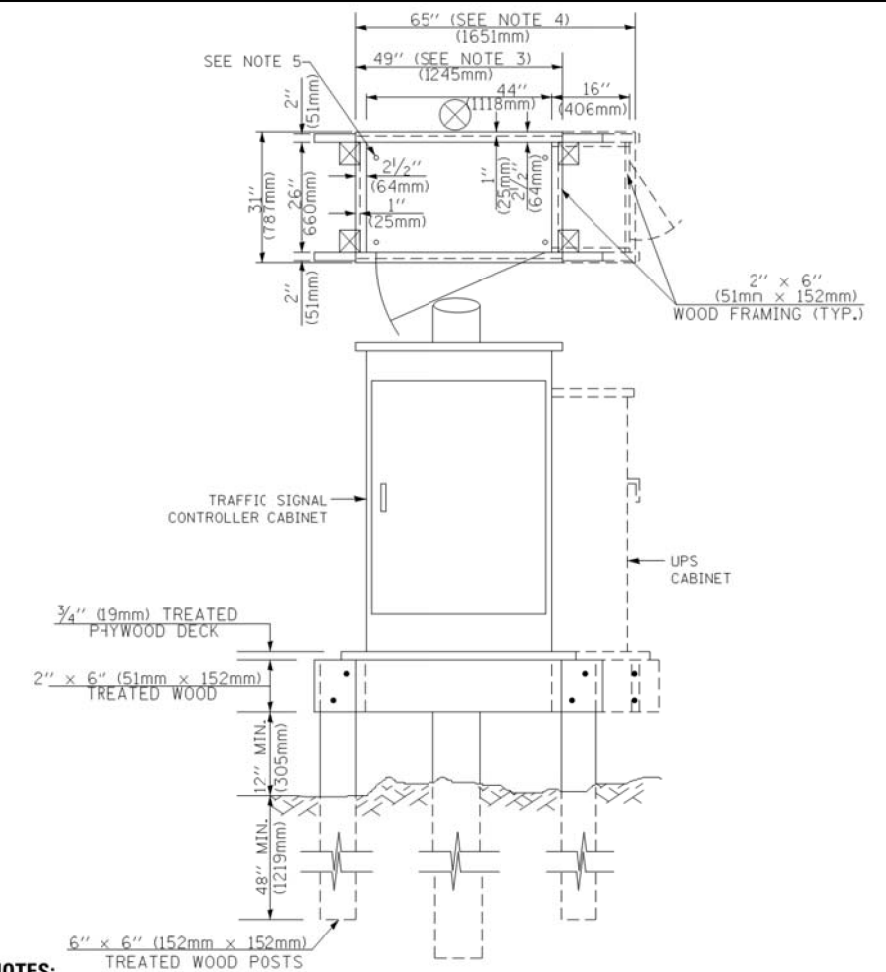


TOP VIEW

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



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



NOTES:

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

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

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

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

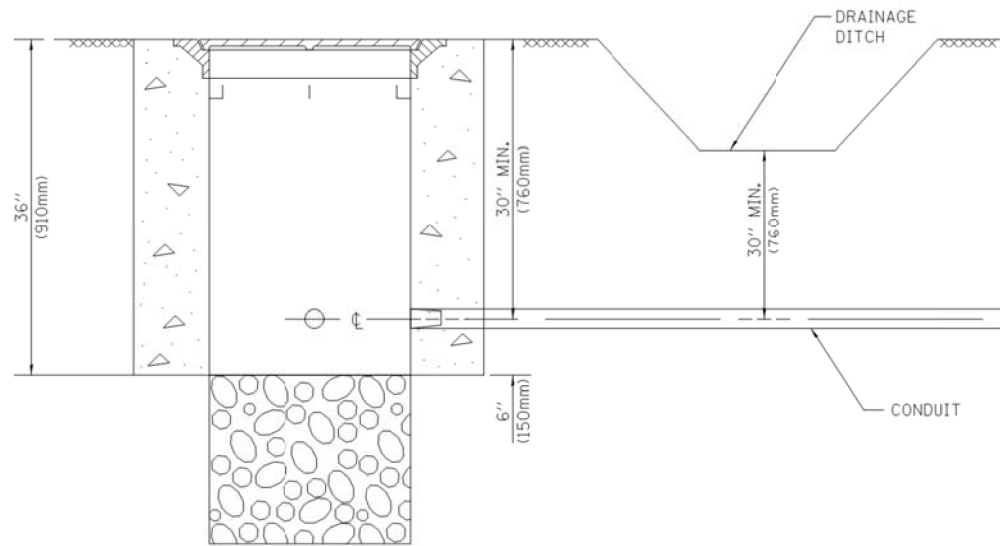
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 5 OF 7 SHEETS STA. TO STA.

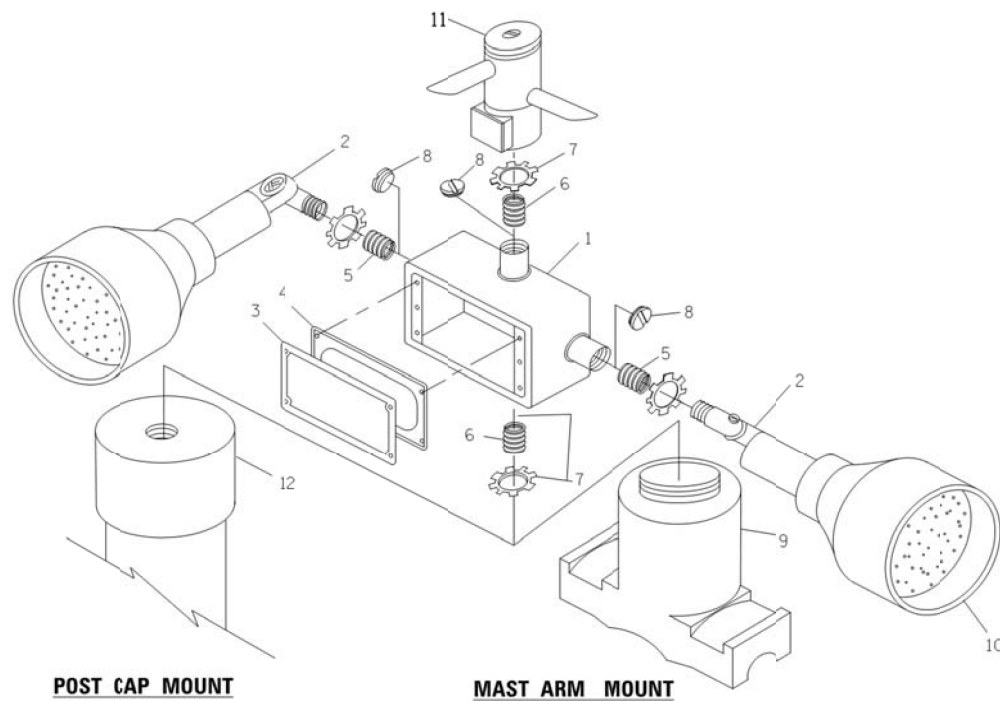
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343	3041N-3(12) / 3041N-4(12)	COOK	78	42
CONTRACT NO. 60V97				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



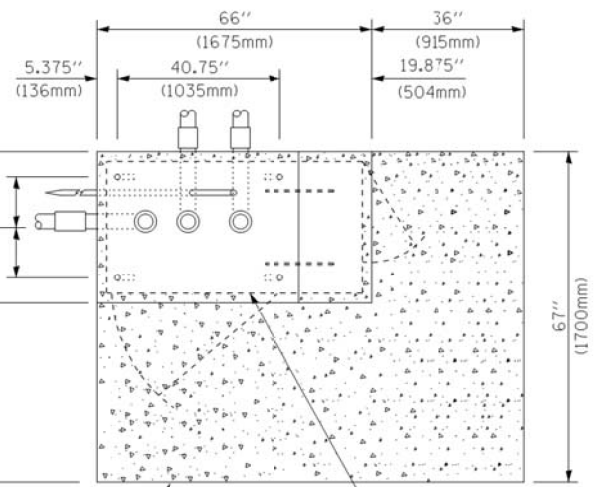
NOTES:

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

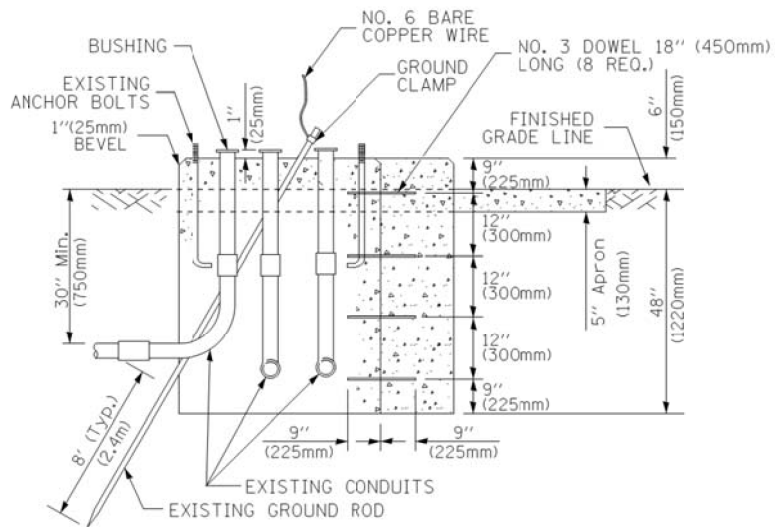
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



TOP VIEW
(NOT TO SCALE)

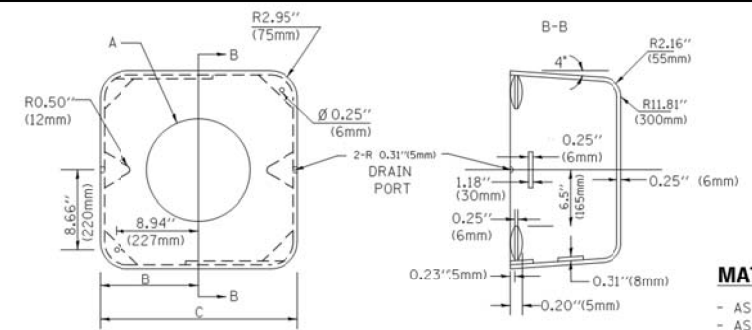


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

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

NOTES:

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



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

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

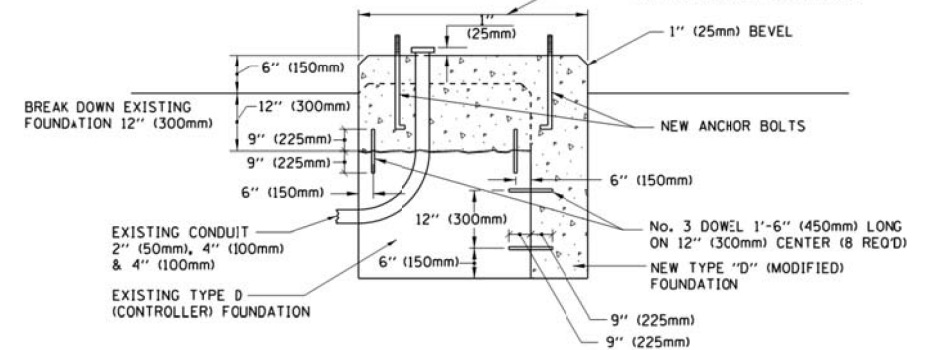
SHROUD

NOTES:

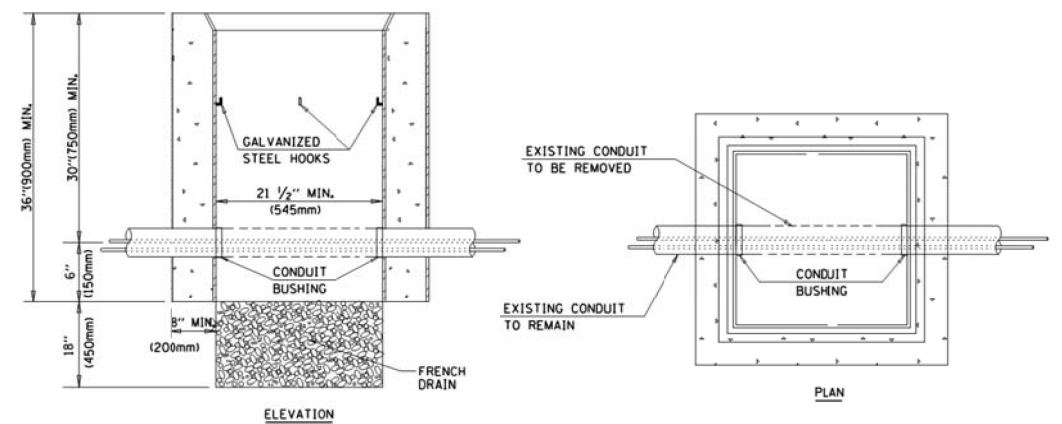
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING. DIMENSION 4" (100mm) LARGER THAN CONTROLLER CABINET BASE DIMENSION, BOTH DIRECTIONS



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 8-4001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

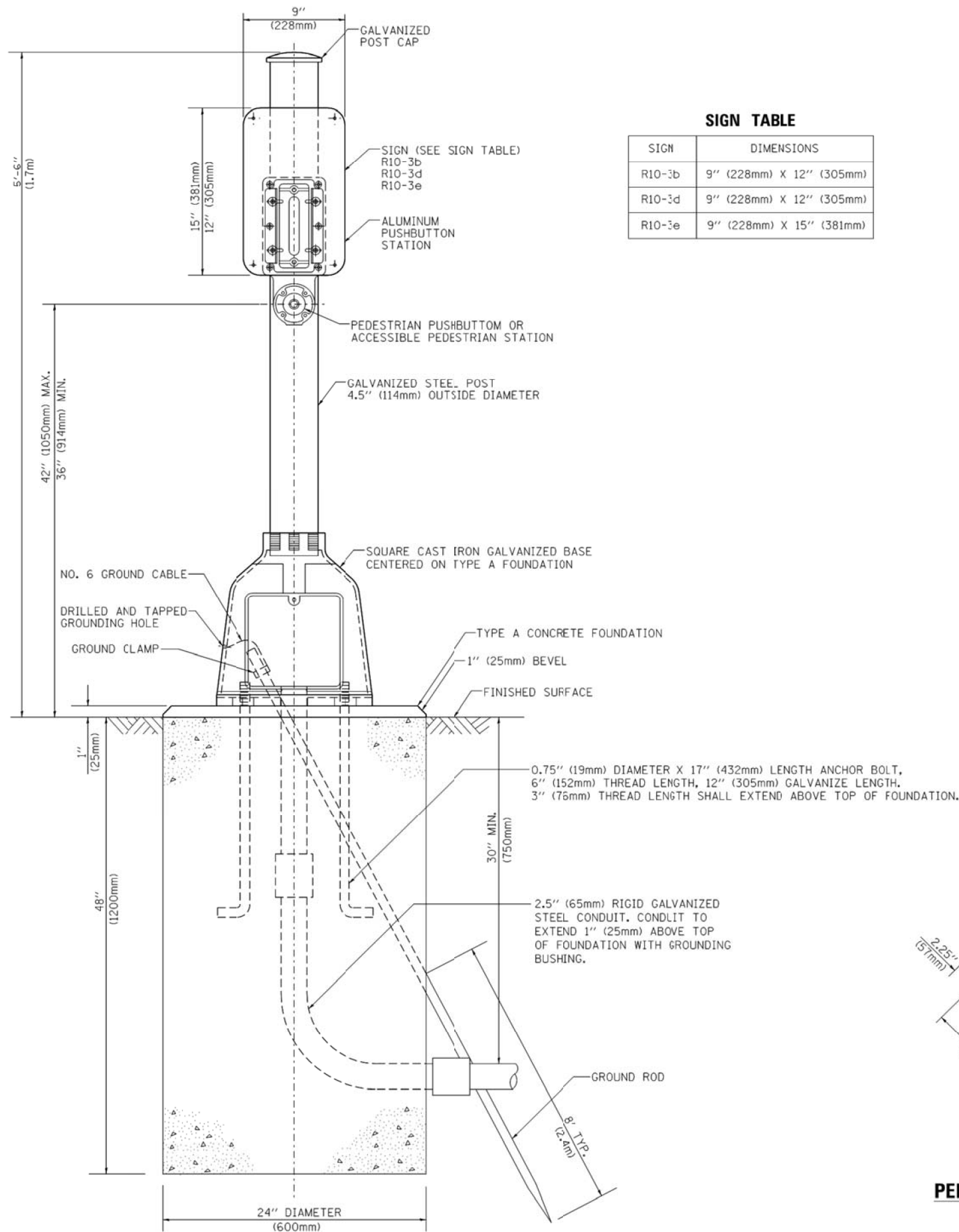
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PLOT SCALE = 1,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 6/10/2015	DATE - 10/22/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

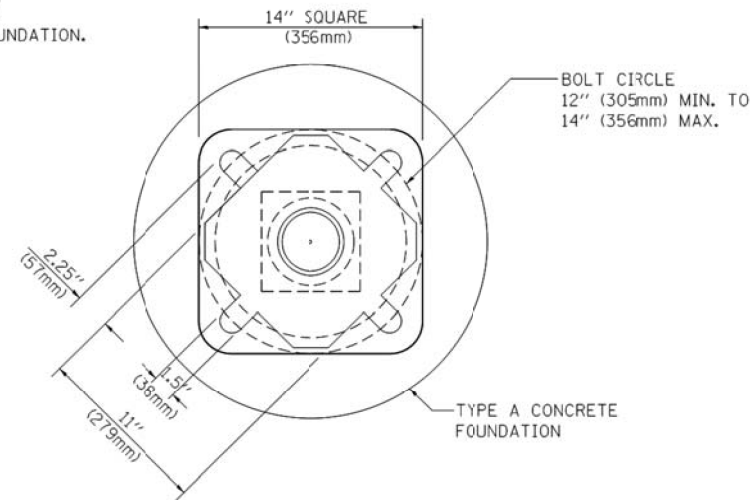
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	43
CONTRACT NO. 60V97				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 6 OF 7 SHEETS STA. TO STA.



SIGN TABLE

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



BOLT PATTERN

PEDESTRIAN PUSH BUTTON POST, TYPE A

USER NAME = .USERNAME.	DESIGNED - KMM	REVISED -
	DRAWN - CDC	REVISED -
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PLOT DATE = 6/10/2015	DATE - 10/22/14	REVISED -

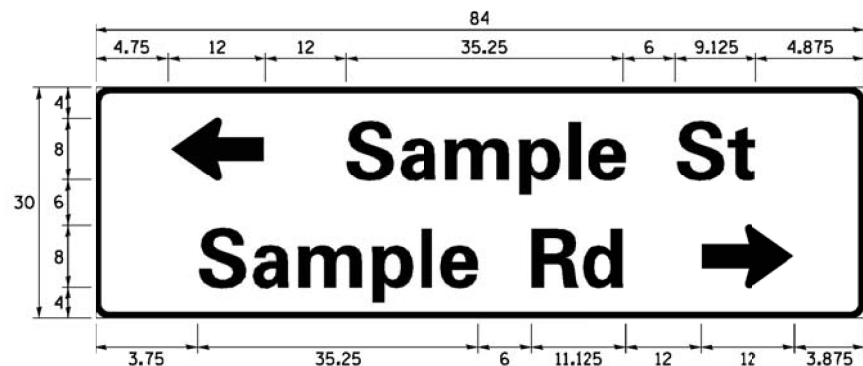
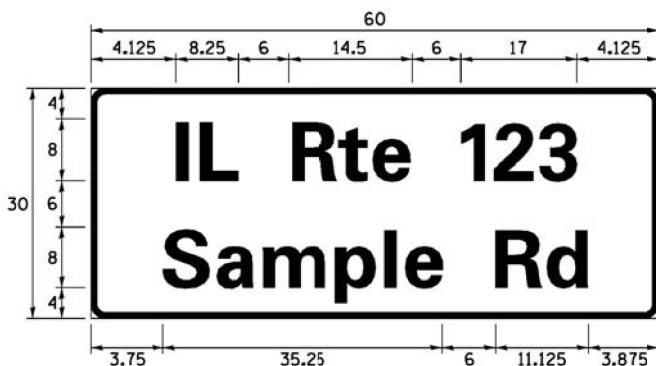
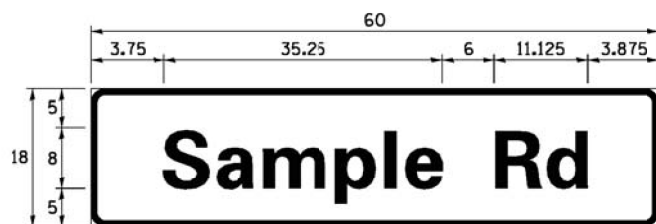
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	44
CONTRACT NO. 60V97				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SIGN PANEL – TYPE 1 OR TYPE 2



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

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

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

GENERAL NOTES

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

LOCAL SUPPLIERS:

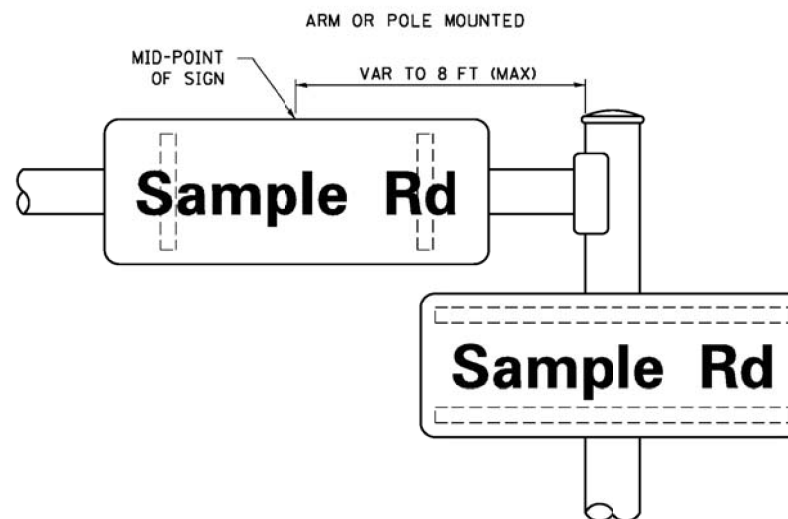
- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA
- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

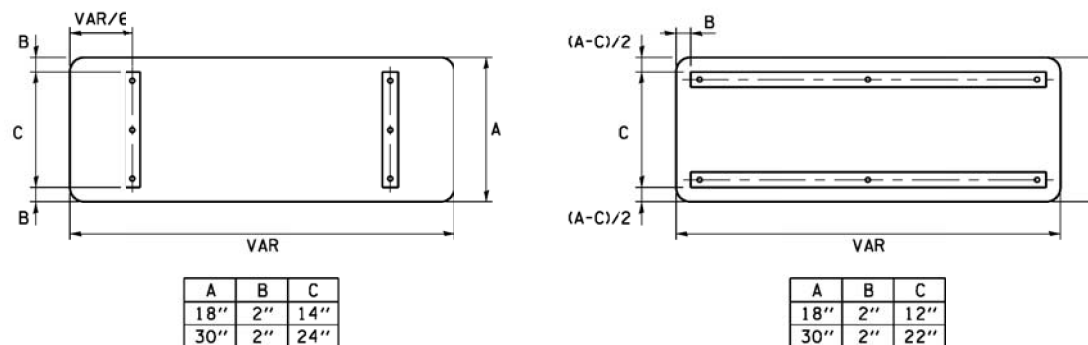
- SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
1/4" x 14 x 1" H.W.H. #3
- SIGN SCREWS SELF TAPPING WITH NEOPRENE WASHER
PART #HPN034 (UNIVERSAL)
- BRACKETS CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

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

MOUNTING LOCATION



SUPPORTING CHANNELS



STANDARD ALPHABETS SPACING CHART

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

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

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS. AGENCY: VILLAGE OF WHEELING

- 2 EACH LIGHT DETECTOR AND BEACON
- 1 EACH LIGHT DETECTOR AMPLIFIER

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

- 3 EACH SIGNAL HEAD, 1 - FACE, 3 - SECTION
- 8 EACH SIGNAL HEAD, 1 - FACE, 5 - SECTION
- 1 EACH SIGNAL HEAD, 2 - FACE, 5 - SECTION
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSHBUTTON
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 4 EACH STEEL MAST ARM AND POLE
- 3 EACH SIGNAL POST
- 1 EACH SERVICE INSTALLATION
- 1 EACH CONTROLLER AND CABINET COMPLETE

NOTES:

1. ALL STATIONING IS FROM CENTERLINE OF IL ROUTE 68 (DUNDEE ROAD) UNLESS OTHERWISE NOTED.
2. TEMPORARY BARREL MOUNTED PUSHBUTTONS AND PEDESTRIAN SIGNAL HEADS ON POSTS TO BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER TO ACCOMMODATE STAGING OF SIDEWALK CONSTRUCTION. HEADS TO BE BAGGED DURING STAGES WHEN PEDESTRIAN CROSSINGS ARE PROHIBITED.

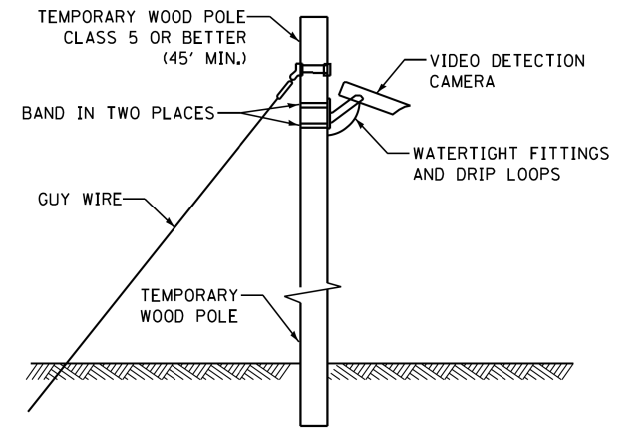
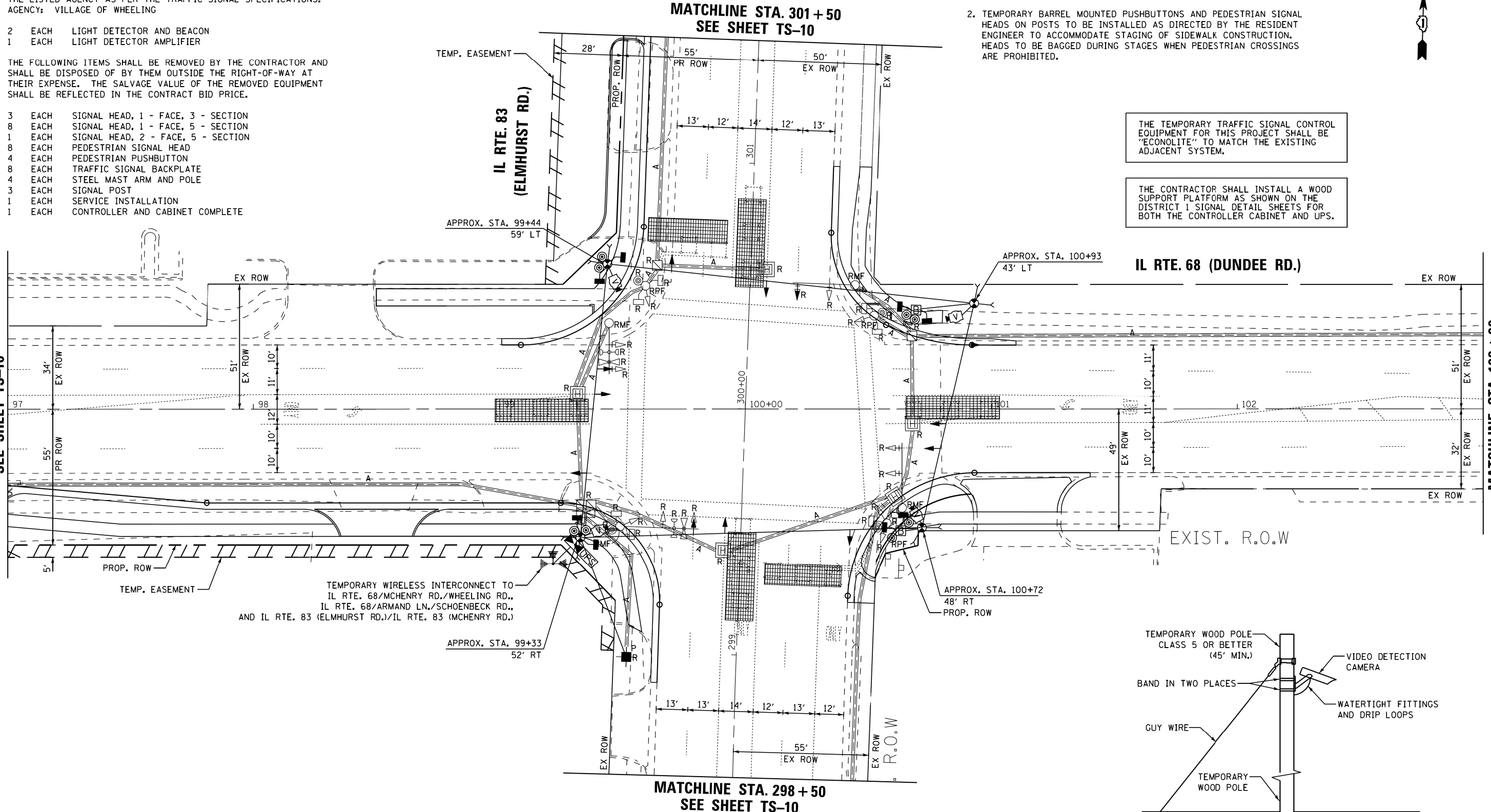


THE TEMPORARY TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

THE CONTRACTOR SHALL INSTALL A WOOD SUPPORT PLATFORM AS SHOWN ON THE DISTRICT 1 SIGNAL DETAIL SHEETS FOR BOTH THE CONTROLLER CABINET AND UPS.

MATCHLINE STA. 97 + 00
SEE SHEET TS-10

MATCHLINE STA. 103 + 00
SEE SHEET TS-10



TEMPORARY VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)

TS#3095

FILE NAME : M:\pro\148\2109 PTB 172-6 100T Ver. Signal\14-017 IL68 (IL83 to Wheeling Rd)\DesignCAD\Sheet Files\60V97_Temp_Signal.dgn

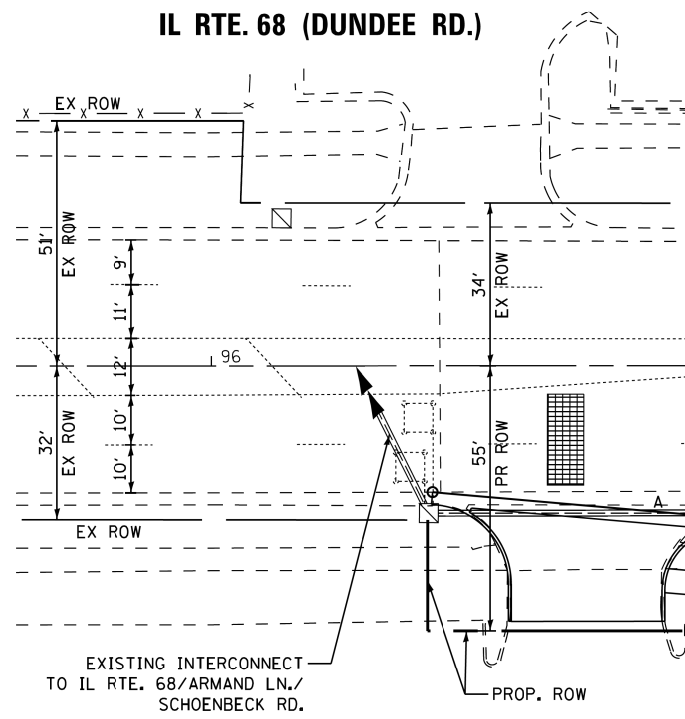
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PLOT DATE = 6/10/2015	DATE - 10/22/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION & REMOVAL PLAN
IL ROUTE 68 (DUNDEE ROAD) AT IL ROUTE 83 (ELMHURST ROAD)**

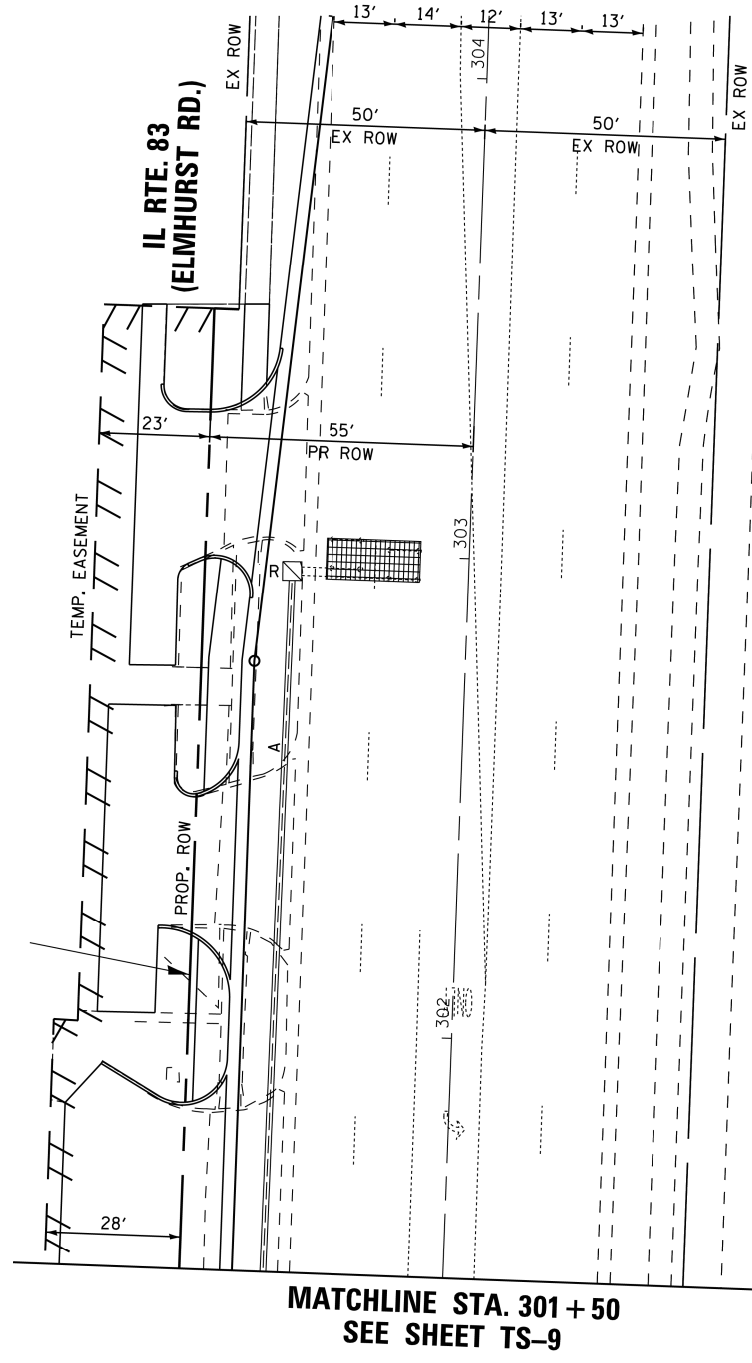
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	46
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				



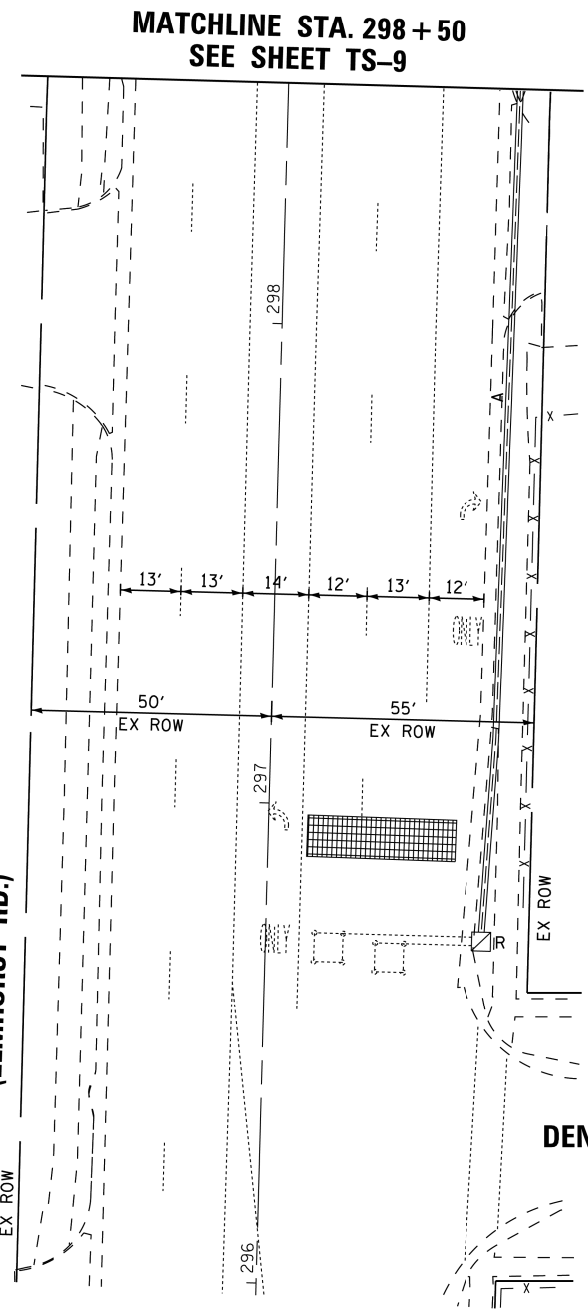
MATCHLINE STA. 97+00
SEE SHEET TS-9

EXISTING INTERCONNECT
TO IL RTE. 68/ARMAND LN./
SCHOENBECK RD.



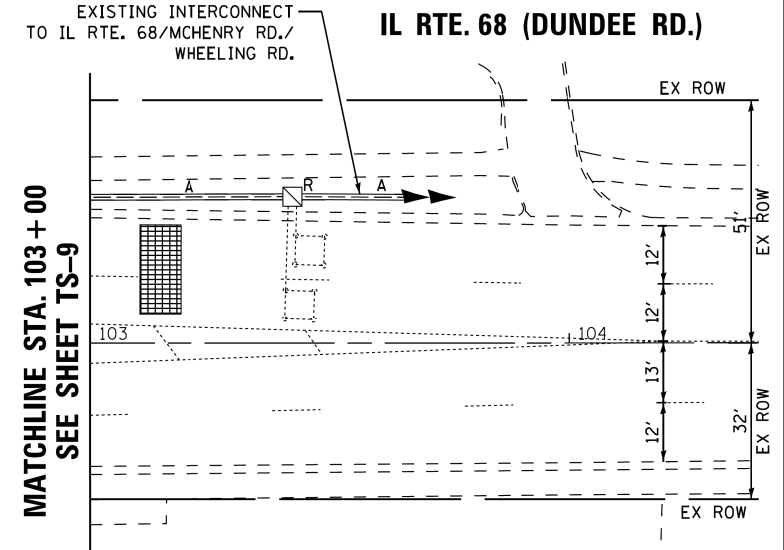
MATCHLINE STA. 301+50
SEE SHEET TS-9

IL RTE. 83
(ELMHURST RD.)



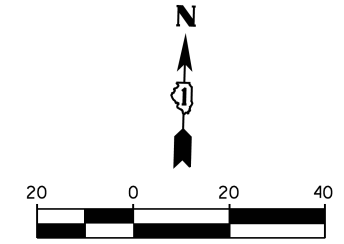
MATCHLINE STA. 298+50
SEE SHEET TS-9

DENNIS RD.



MATCHLINE STA. 103+00
SEE SHEET TS-9

EXISTING INTERCONNECT
TO IL RTE. 68/MCHENRY RD./
WHEELING RD.



TS#3095

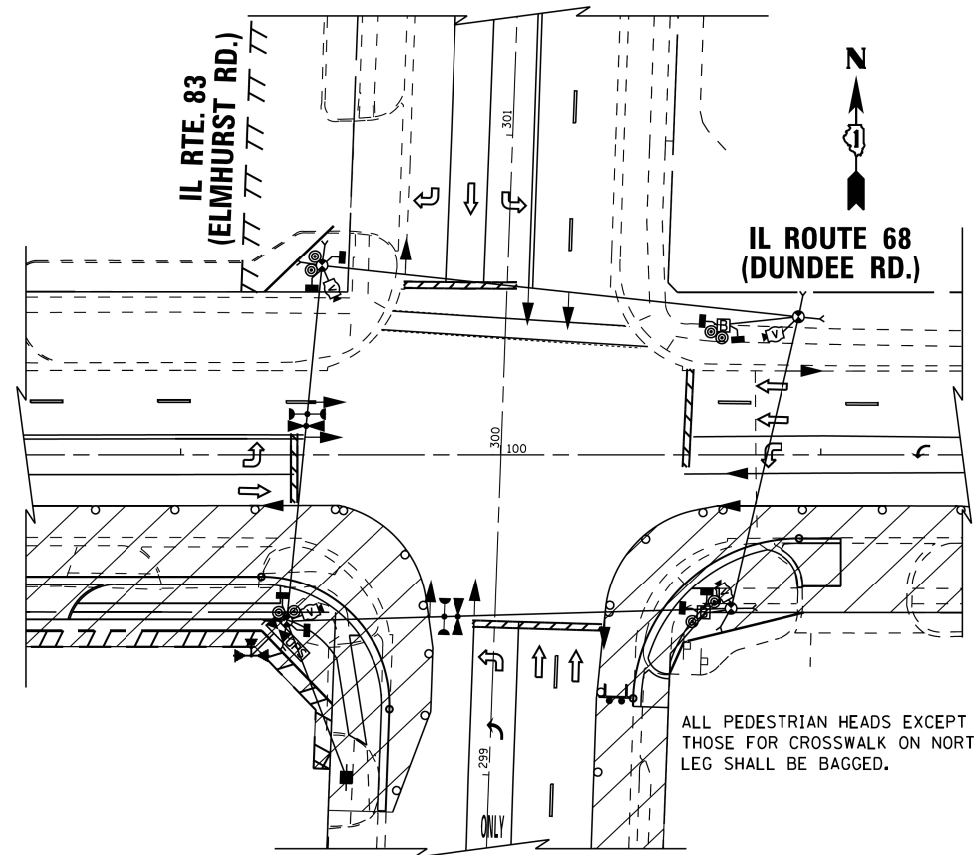
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

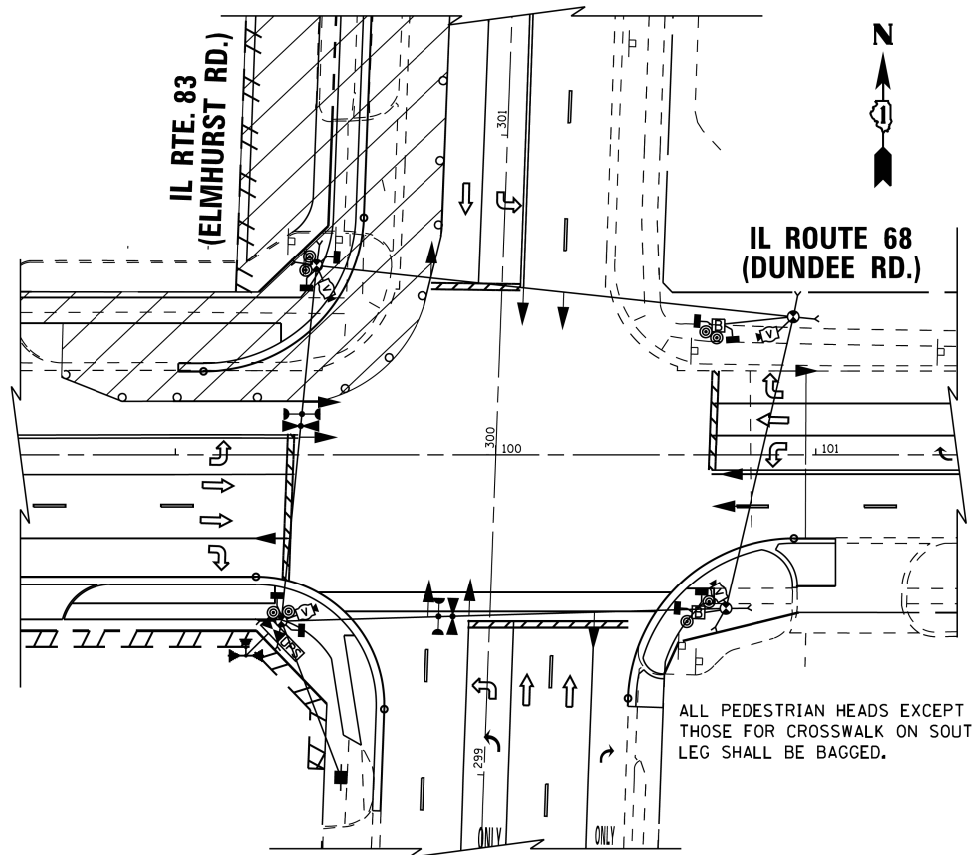
TEMPORARY TRAFFIC SIGNAL INSTALLATION & REMOVAL PLAN
IL ROUTE 68 (DUNDEE ROAD) AT IL ROUTE 83 (ELMHURST ROAD)

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

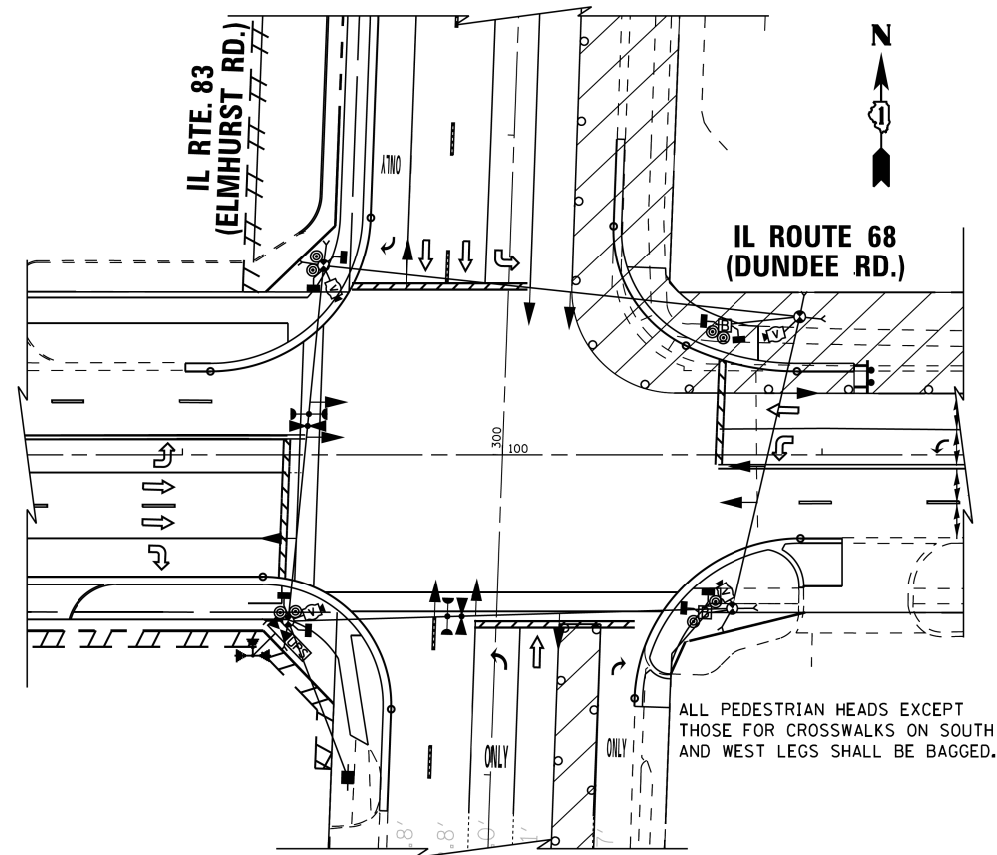
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	47
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				



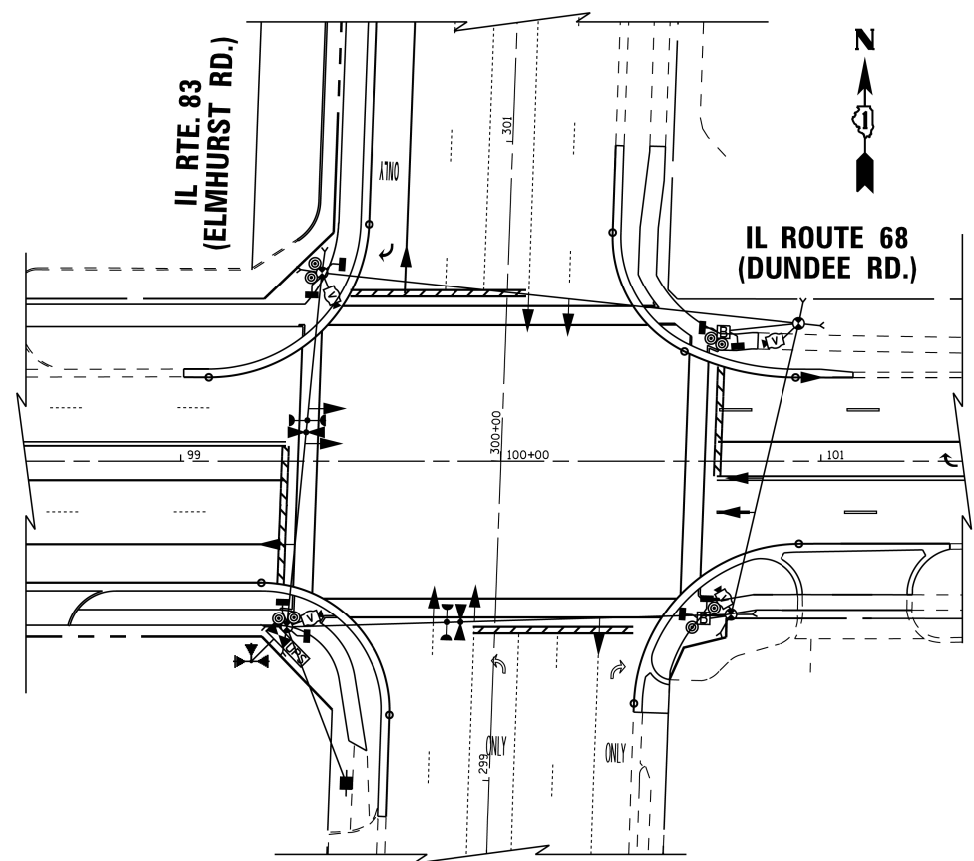
TEMPORARY TRAFFIC SIGNAL STAGE 1



TEMPORARY TRAFFIC SIGNAL STAGE 2



TEMPORARY TRAFFIC SIGNAL STAGE 3



TEMPORARY TRAFFIC SIGNAL FINAL CONDITION

FILE NAME = M:\proj\148\2109 PTB 172-6 100T Ver. Signals\14-017 IL68 (IL83 to Wheeling Rd)\DesignCAD\Sheet Files\60V97_MOT Staging.dgn

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

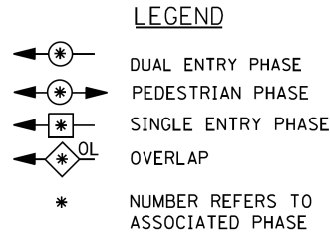
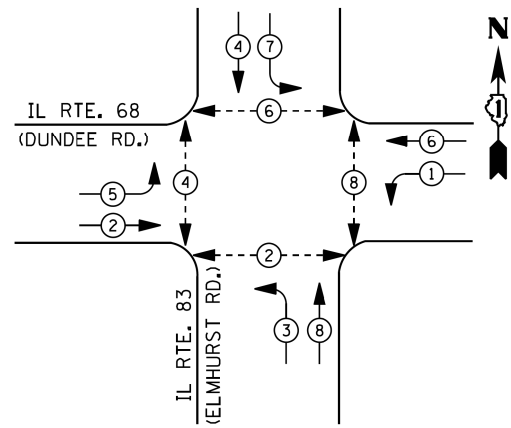
**TEMPORARY TRAFFIC SIGNAL INSTALLATION
M.O.T. STAGING PLAN
IL ROUTE 68 (DUNDEE ROAD) AT IL ROUTE 83 (ELMHURST ROAD)**

SCALE: 1"=30' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

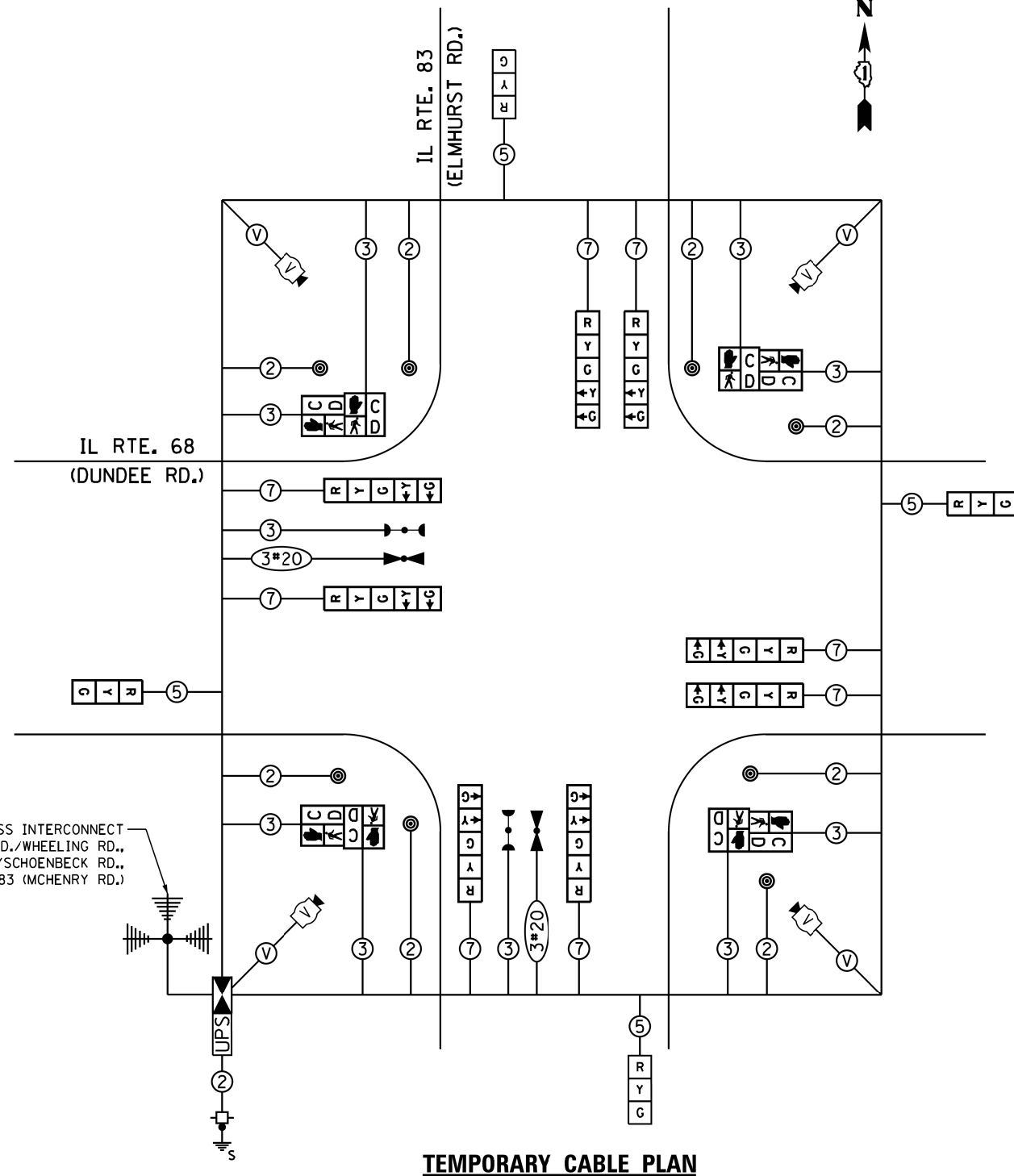
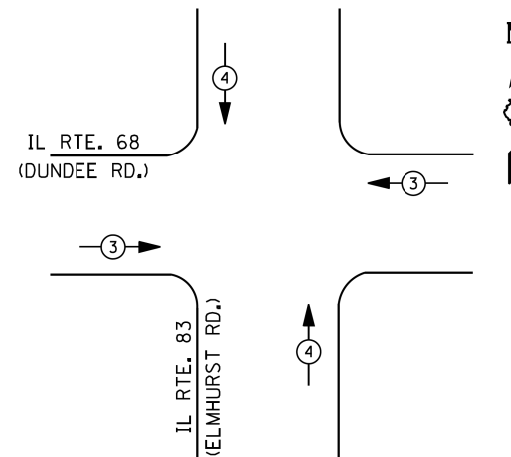
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343	3041N-3(12) / 3041N-4(12)	COOK	78	48
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				

TS#3095

TEMPORARY CONTROLLER SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY CABLE PLAN

THE TEMPORARY TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME = M:\proj\1481\2109 PTB 172-6 IDOT Ver. Signals\14-017 IL83 to Wheeling Rd\DesignCAD\Sheet Files\60V97 Cable Plan_Temp.dgn

**I. D. O. T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12	17	17	0.50	102
(YELLOW)	12		25	0.25	75
(GREEN)	12		15	0.25	45
ARROW	16		12	0.10	20
PED. SIGNAL	8		25	1.00	200
CONTROLLER	1		100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM	1		100	1.00	100
UPS	1		25	1.00	25
FLASHER LED					
TOTAL =					717

ENERGY COSTS- BILLED TO: VILLAGE OF WHEELING
2 COMMUNITY BOULEVARD
WHEELING, IL 60090

ENERGY SUPPLY - CONTACT TERRI BLECK
PHONE 847-816-5239
COMMONWEALTH EDISON

USER NAME = .USERNAME.	DESIGNED - KMM	REVISED -
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PLOT DATE = 6/10/2015	CHECKED - DW	REVISED -
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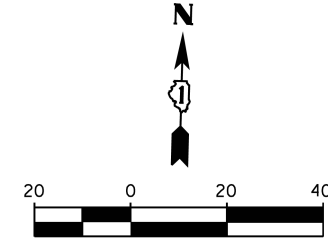
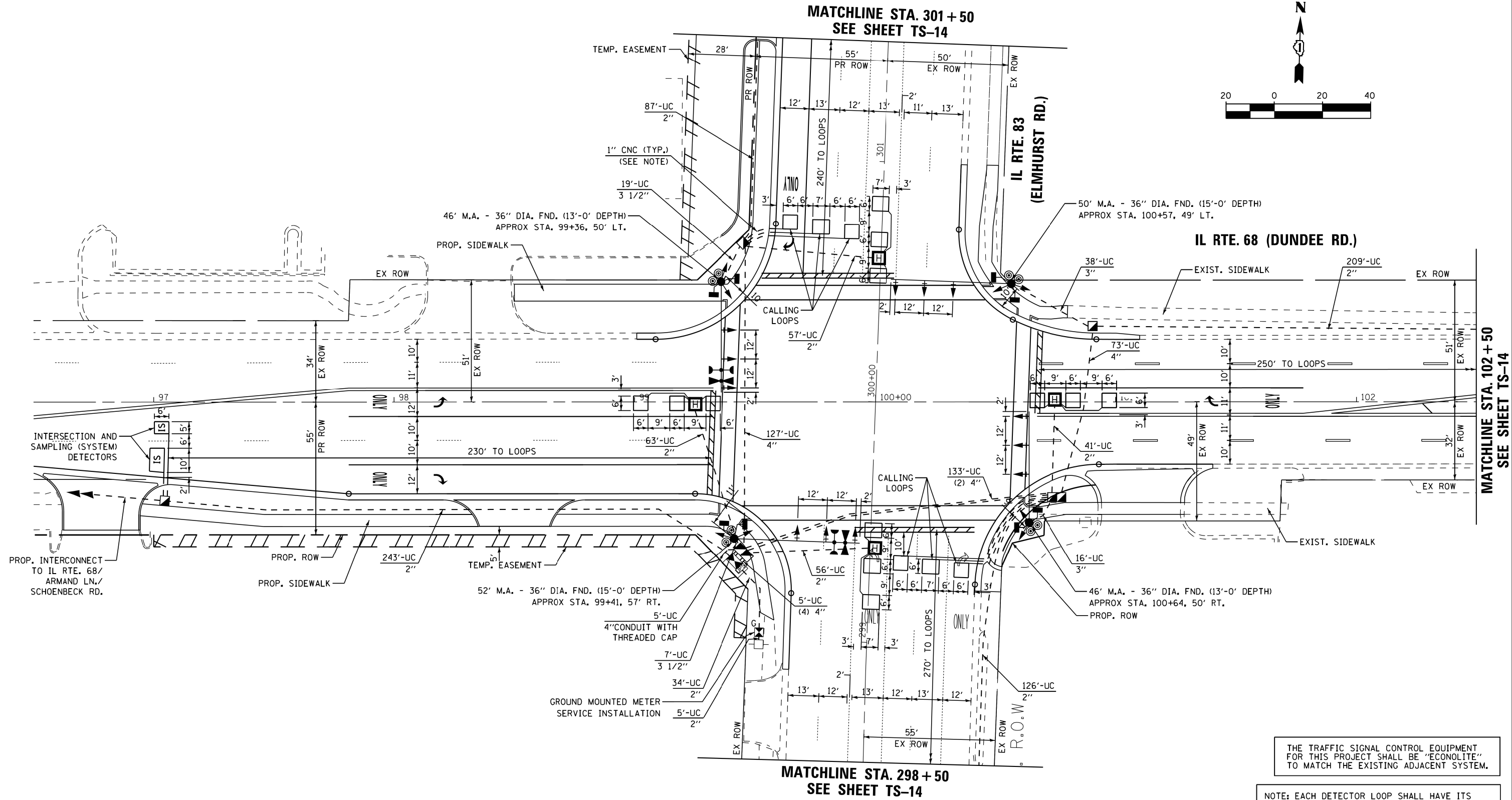
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM &
EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL ROUTE 68 (DUNDEE ROAD) AT IL ROUTE 83 (ELMHURST ROAD)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	49
CONTRACT NO. 60V97				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TS#3095



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTE: EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

TS#3095

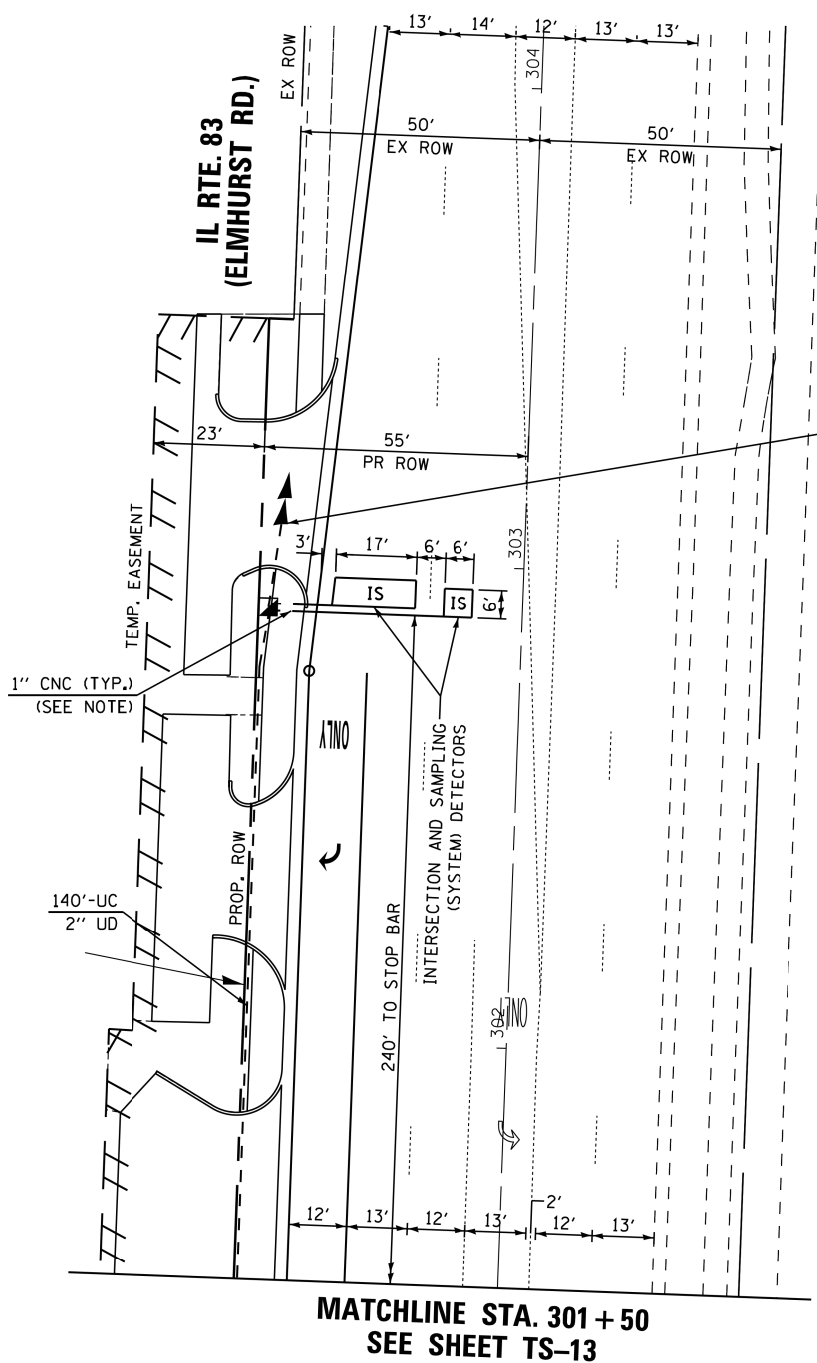
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PLOT DATE = 6/10/2015	DATE - 10/22/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

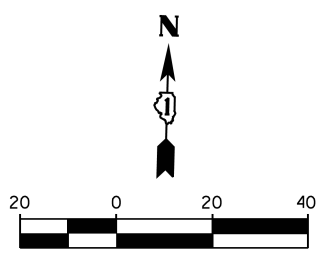
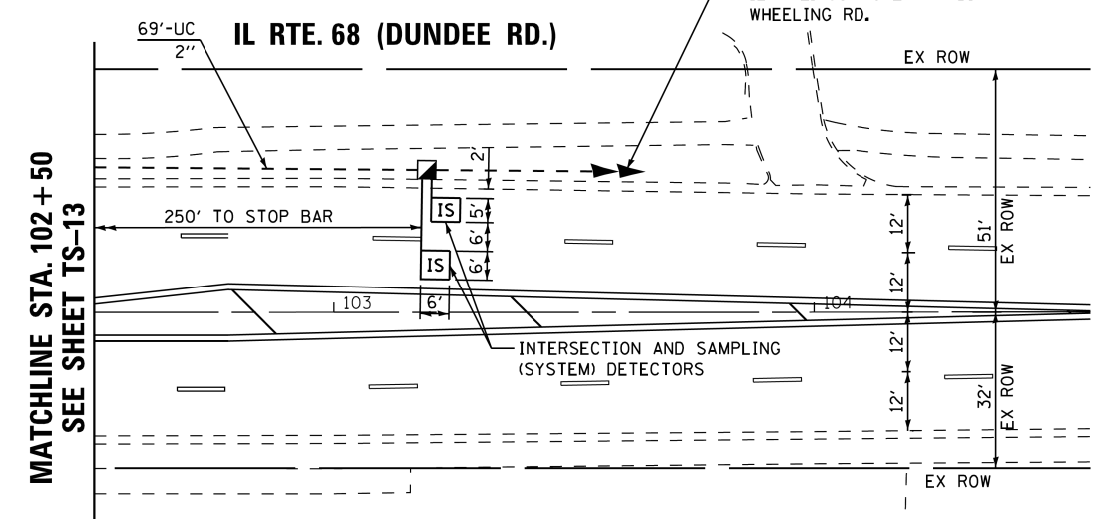
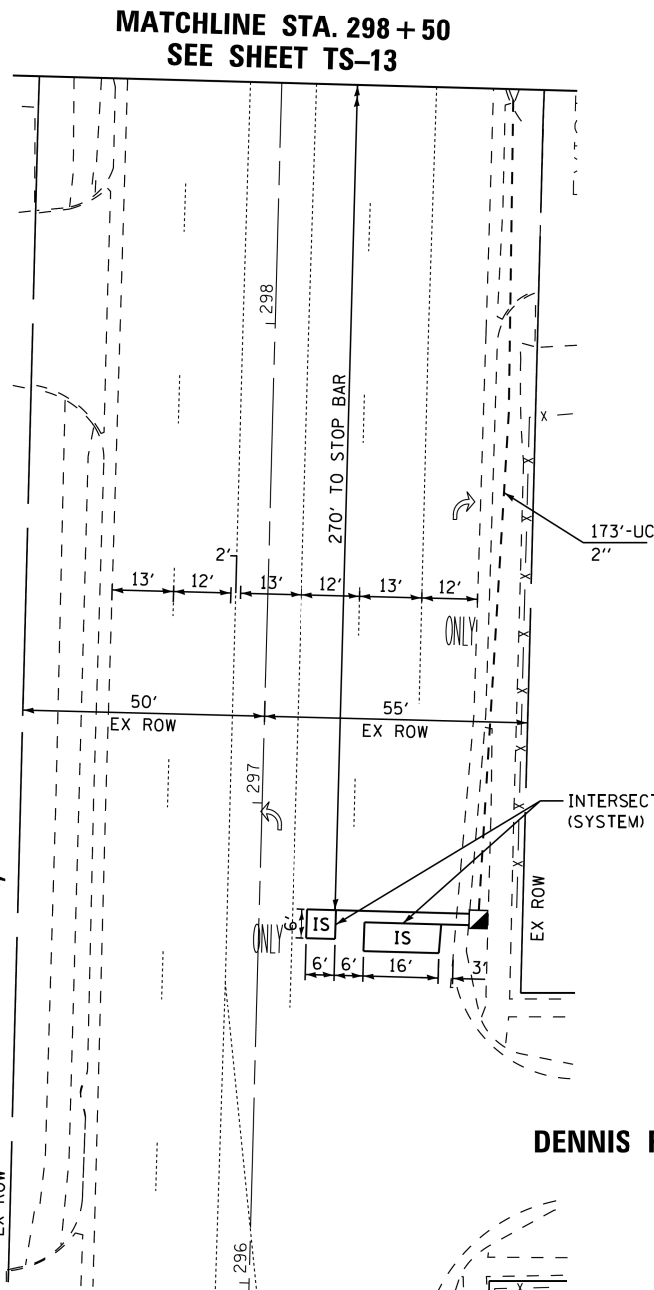
TRAFFIC SIGNAL MODERNIZATION PLAN
IL ROUTE 68 (DUNDEE ROAD) AT IL ROUTE 83 (ELMHURST ROAD)

SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	50
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				



PROP. INTERCONNECT TO
IL RTE. 83/ELMHURST RD.
IL RTE. 83/MCHENRY RD.



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTE: EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

TS#3095

USER NAME = .USERNAME.	DESIGNED - KMM	REVISED -
	DRAWN - CDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 6/10/2015	DATE - 10/22/14	REVISED -

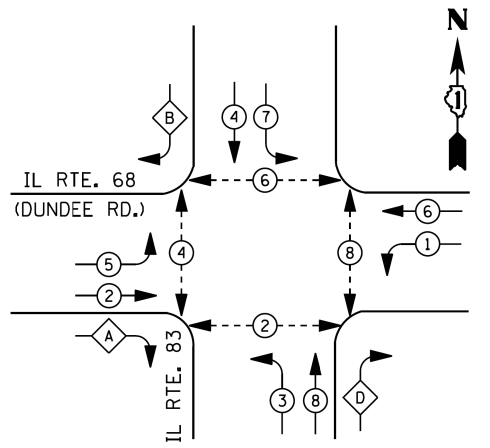
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
IL ROUTE 68 (DUNDEE ROAD) AT IL ROUTE 83 (ELMHURST ROAD)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	51
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

PROPOSED CONTROLLER SEQUENCE



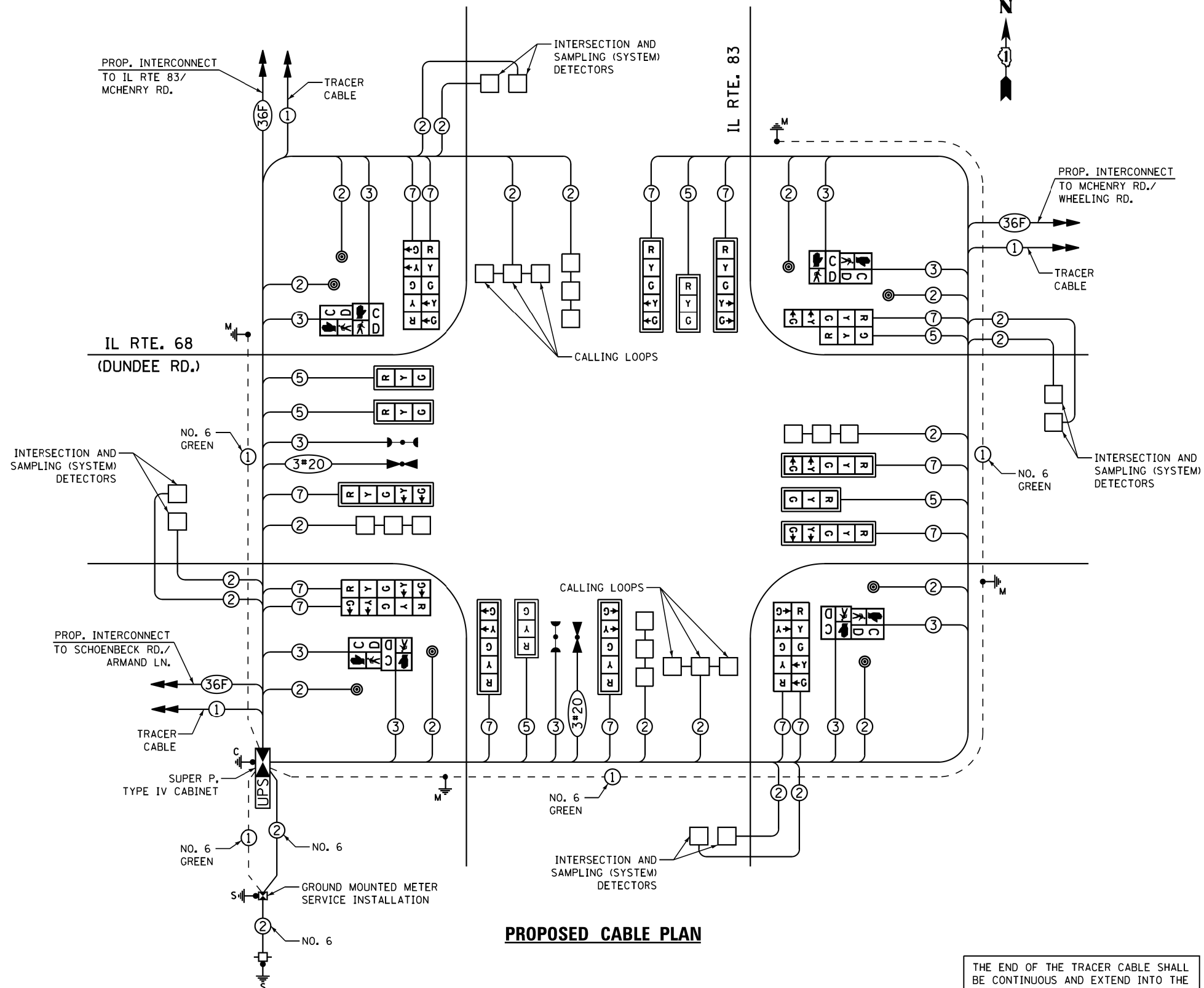
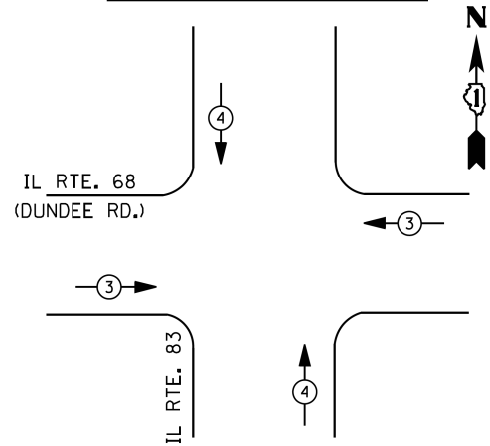
LEGEND

- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- SINGLE ENTRY PHASE
- OVERLAP
- * NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A =	2 +	3
B =	4 +	5
D =	8 +	1

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED CABLE PLAN

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

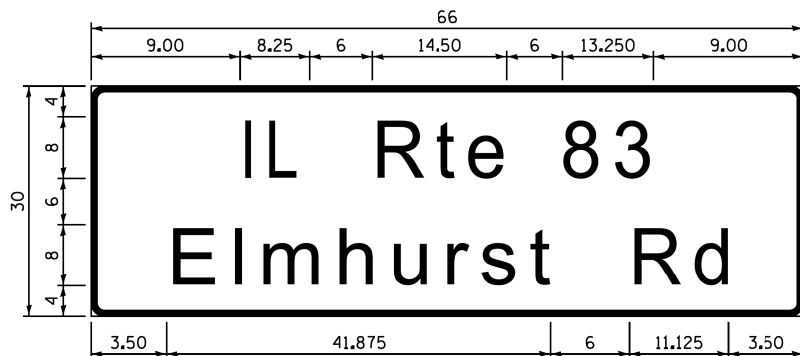
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I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	20		17	0.50	170
(YELLOW)	20		25	0.25	125
(GREEN)	20		15	0.25	75
ARROW	28		12	0.10	34
PED. SIGNAL	8		25	1.00	200
CONTROLLER	1		100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM					
UPS	1		25	1.00	25
FLASHER LED					
TOTAL =					729

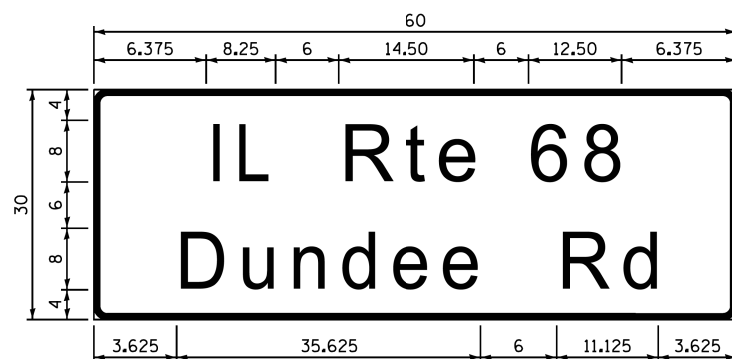
ENERGY COSTS- BILLED TO: VILLAGE OF WHEELING
2 COMMUNITY BOULEVARD
WHEELING, IL 60090

ENERGY SUPPLY - CONTACT TERRI BLECK
PHONE 847-816-5239
COMMONWEALTH EDISON

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	13.75	2	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	12.50	2	ZZ	2

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

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 2	SQ FT	53
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1305
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	54
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	26
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	491
HANDHOLE	EACH	6
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1438
ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1841
ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1437
ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2777
ELECTRICAL CABLE IN CONDUIT, LEAD-IN NO. 14 1 PAIR	FOOT	4268
ELECTRICAL CABLE IN CONDUIT, SERVICE NO. 6 2 C	FOOT	61
ELECTRICAL CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	541
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	56
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	7
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7
PEDESTRAIN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12
INDUCTIVE LOOP DETECTOR	EACH	14
DETECTOR LOOP, TYPE I	FOOT	968
* LIGHT DETECTOR	EACH	2
* LIGHT DETECTOR AMPLIFIER	EACH	1
* PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	11
REMOVE EXISTING DOUBLEHANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	345
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

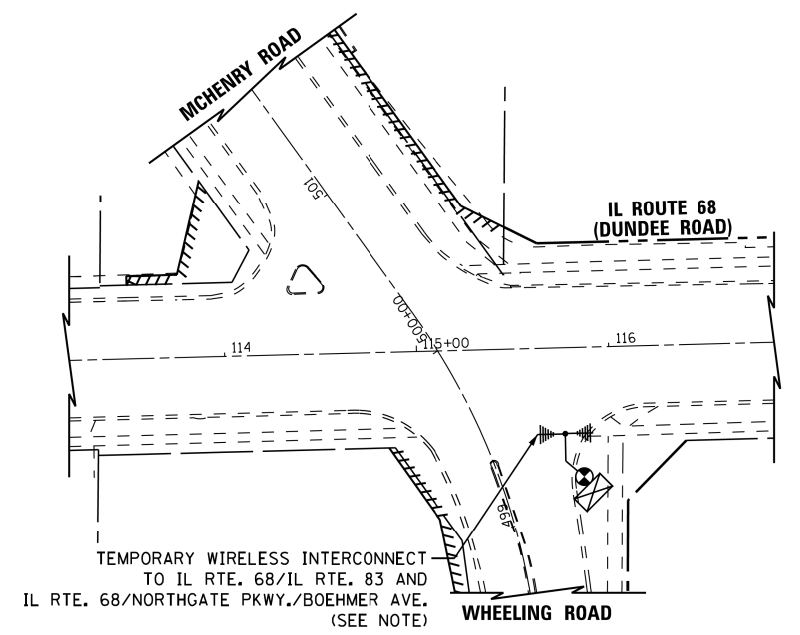
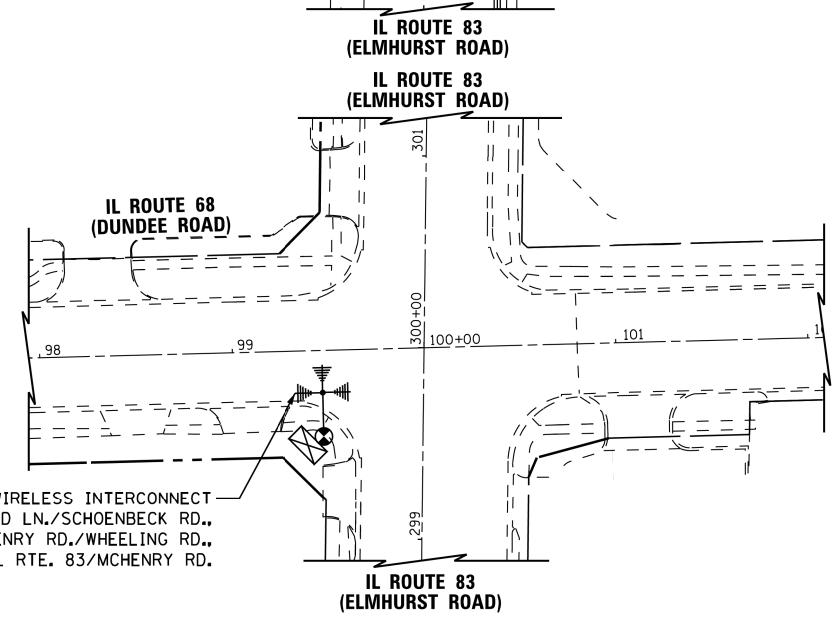
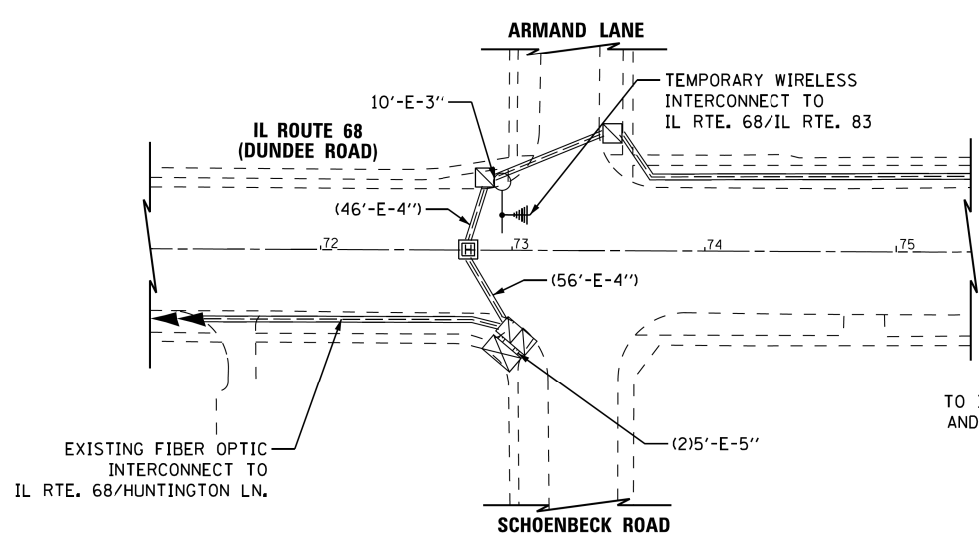
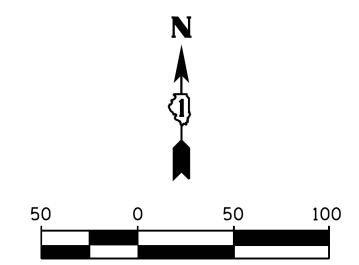
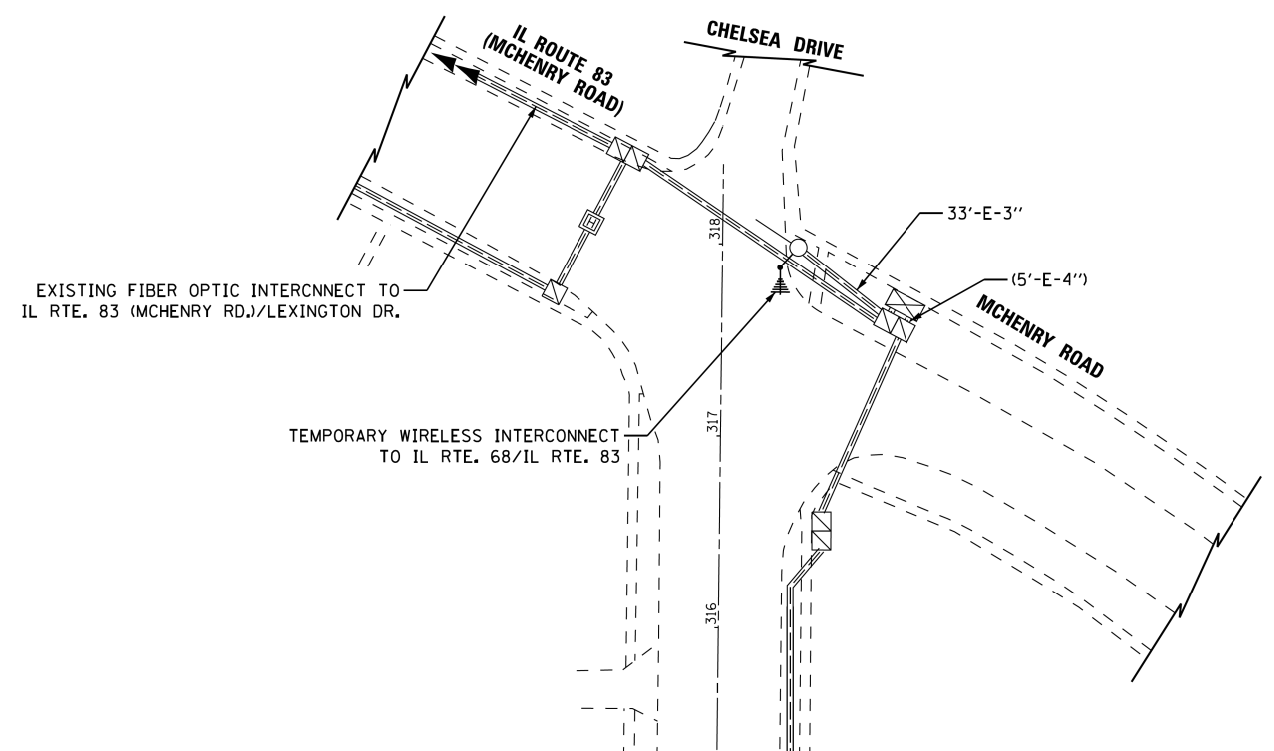
* 100% COST TO THE VILLAGE OF WHEELING

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TS#3095

USER NAME = .USERNAME.	DESIGNED - KMM	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES</p> <p align="center">IL ROUTE 68 (DUNDEE ROAD) AT WHEELING ROAD /MCHENRY ROAD</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - CDC	REVISED -	343		3041N-3(12) / 3041N-4(12)	COOK	78	53	
PLOT SCALE = 1:8000 / 1/8"	CHECKED - DW	REVISED -		CONTRACT NO. 60V97				
PLOT DATE = 6/10/2015	DATE - 10/22/14	REVISED -		ILLINOIS FED. AID PROJECT				
			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	

FILE NAME = M:\proj\148\2109 PTB 172-6 IDOT Ver. Signals\14-017 IL68 (IL83 to Wheeling Rd)\DesignCAD\Sheet Files\60V97_Temp_Interconnect.dgn



NOTE:
CONTRACTOR TO INSTALL TEMPORARY WIRELESS INTERCONNECT ANTENNA ON EXISTING SIGNAL MAST ARM IF TEMPORARY TRAFFIC SIGNAL AT IL RTE. 68//MCHENRY RD./WHEELING RD. HAS NOT BEEN INSTALLED OR AS DIRECTED BY THE ENGINEER.

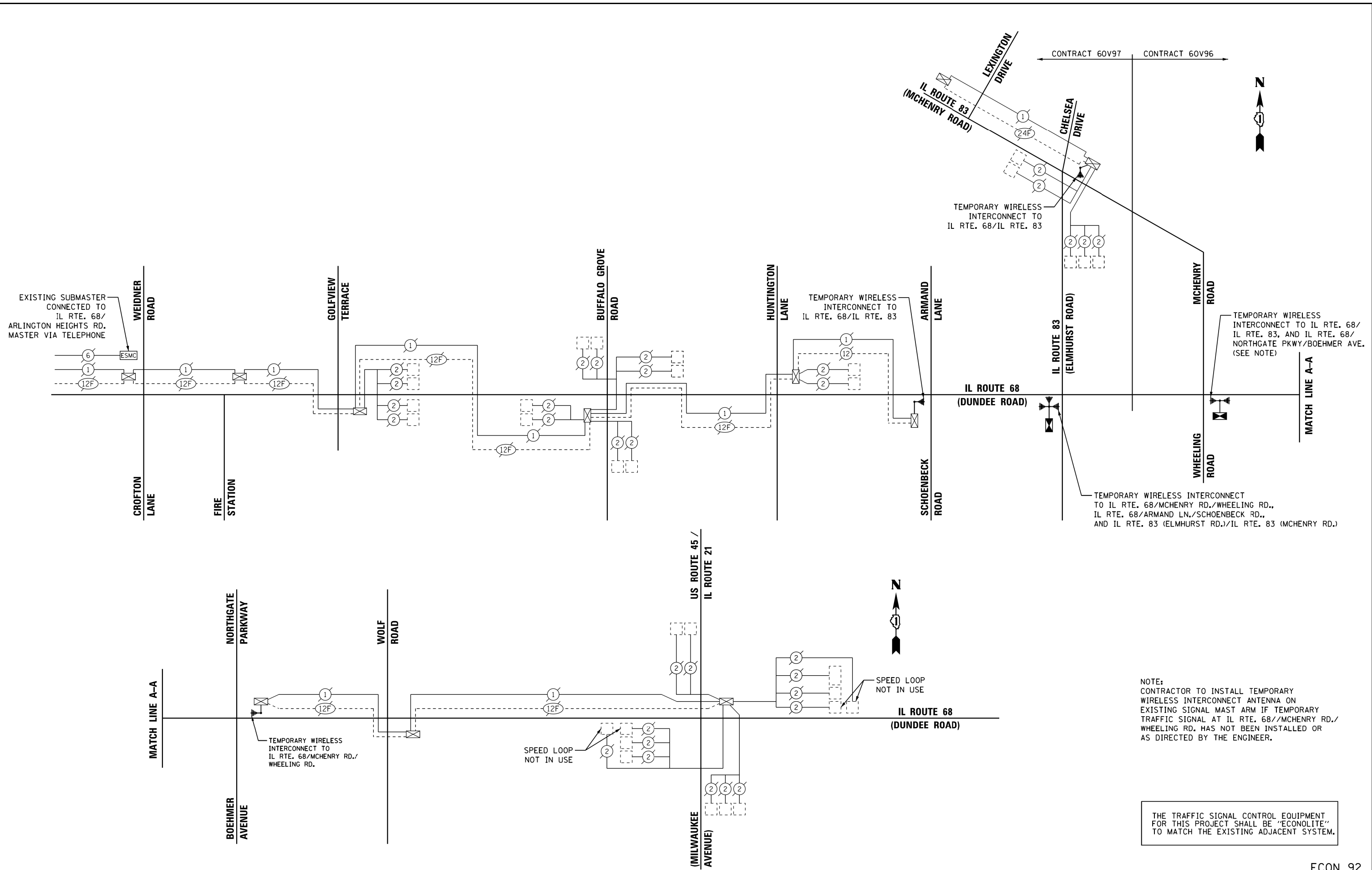
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

USER NAME = .USERNAME.	DESIGNED - KMM	REVISED -
	DRAWN - CDC	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 6/10/2015	DATE - 10/22/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT PLAN
IL ROUTE 68 (DUNDEE ROAD) FROM
ARMAND LN./SCHOENBECK RD. TO MCHENRY RD./WHEELING RD.**
SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	54
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				



NOTE:
CONTRACTOR TO INSTALL TEMPORARY WIRELESS INTERCONNECT ANTENNA ON EXISTING SIGNAL MAST ARM IF TEMPORARY TRAFFIC SIGNAL AT IL RTE. 68//MCHENRY RD./WHEELING RD. HAS NOT BEEN INSTALLED OR AS DIRECTED BY THE ENGINEER.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

USER NAME = .USERNAME.	DESIGNED - KMM	REVISED -
	DRAWN - CDC	REVISED -
PLOT SCALE = 1,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 6/10/2015	DATE - 10/22/14	REVISED -

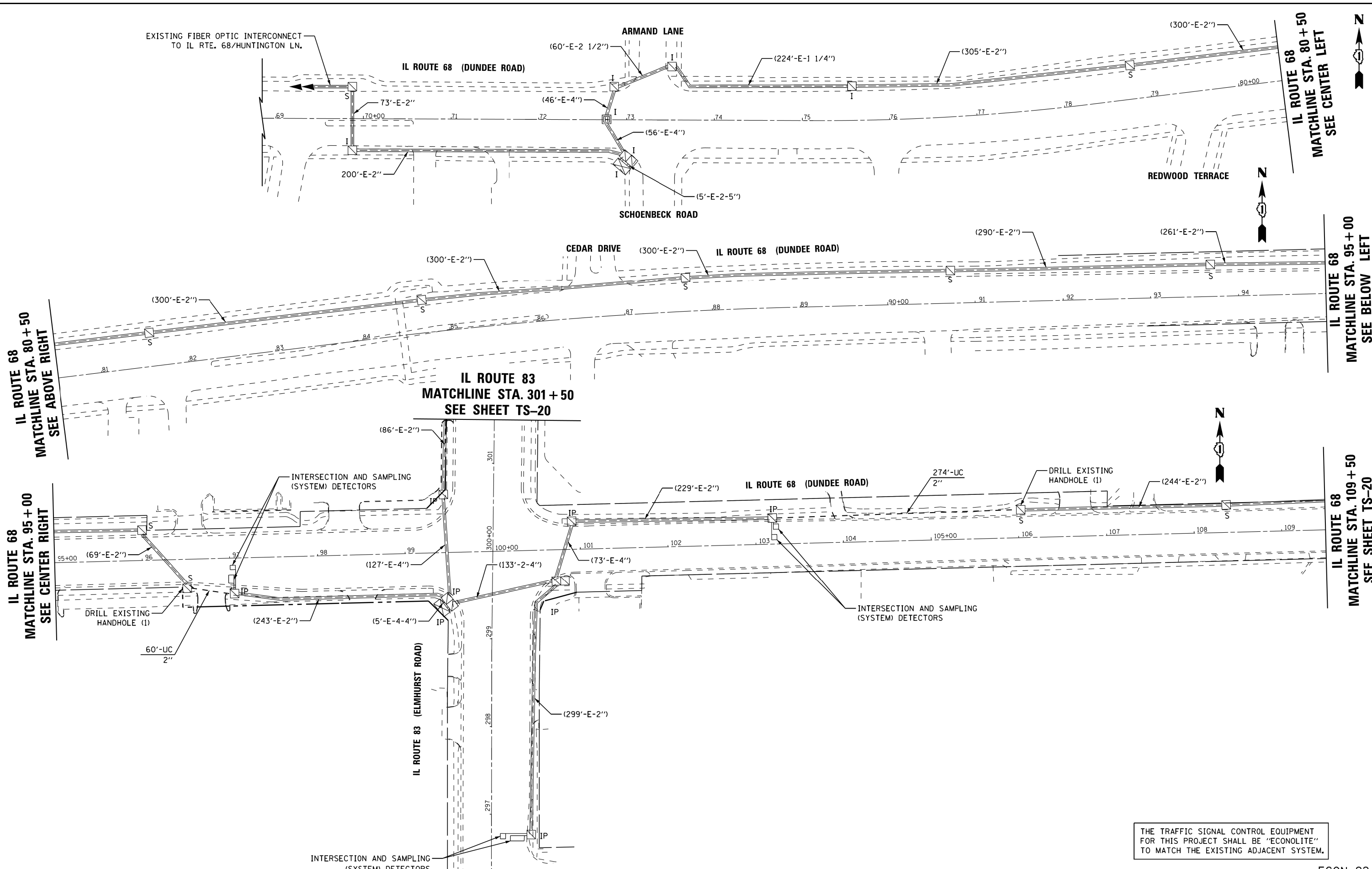
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT SCHEMATIC - IDOT SYSTEM 92
FIRE STATION ENTRANCE TO US ROUTE 45 / IL ROUTE 21

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	55
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				

FILE NAME = M:\pro\148\2109 PTB 172-6 I00T Ver. Signala\14-017 IL83 to Wheeling Rd\DesignCAD\Sheet Files\60V97_Prop_Interconnect.dgn



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ECON 92

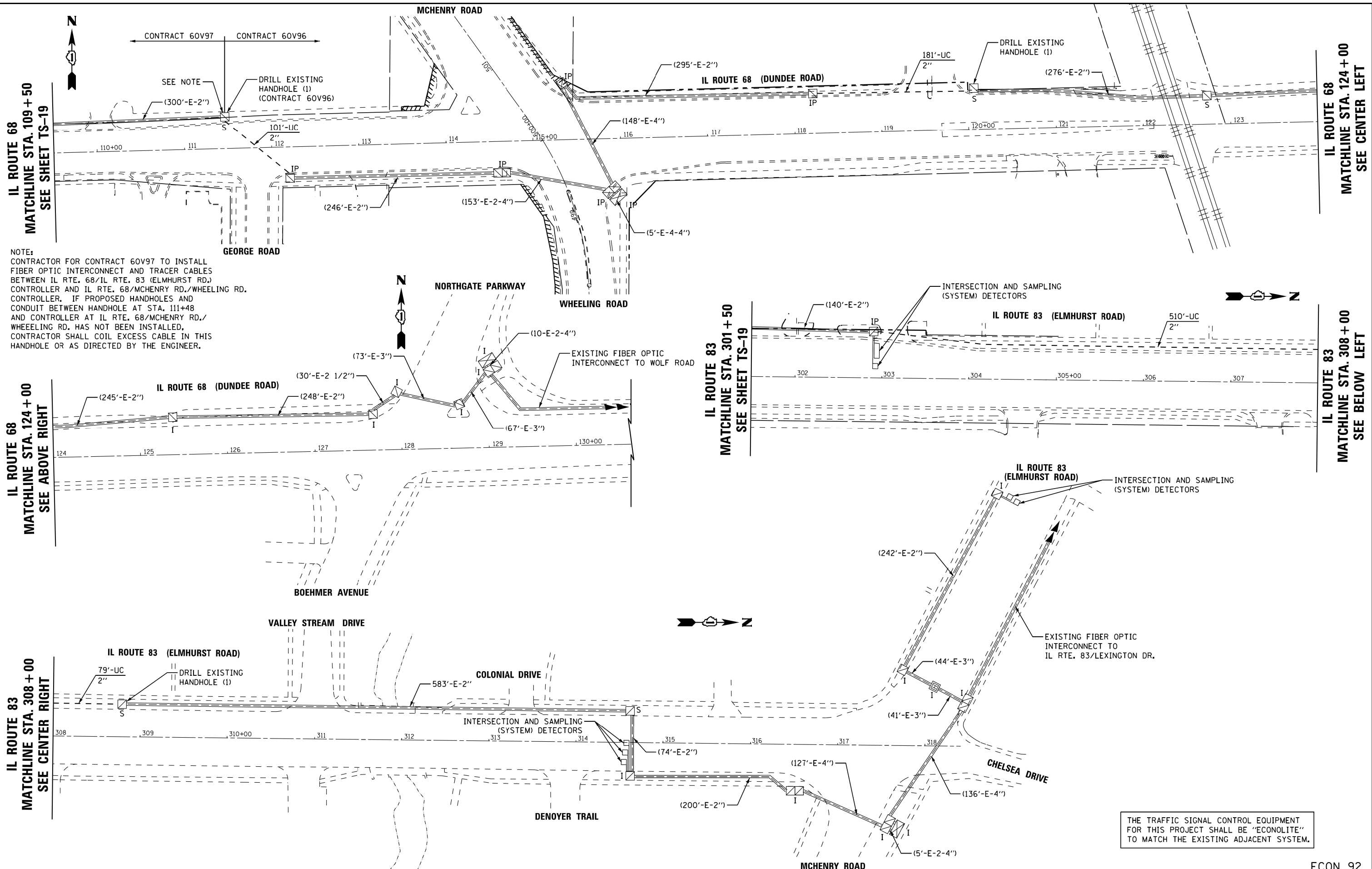
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PLOT DATE = 6/10/2015	DATE - 10/22/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT PLAN
IL ROUTE 68 (DUNDEE ROAD) FROM
ARMAND LN./SCHOENBECK RD. TO NORTHGATE PKWY./BOEHMER AVE.**

SCALE: 1"=50' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	56
				CONTRACT NO. 60V97
ILLINOIS FED. AID PROJECT				



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

USER NAME = .USERNAME.	DESIGNED - KMM	REVISED -
	DRAWN - CDC	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 6/10/2015	DATE - 10/22/14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

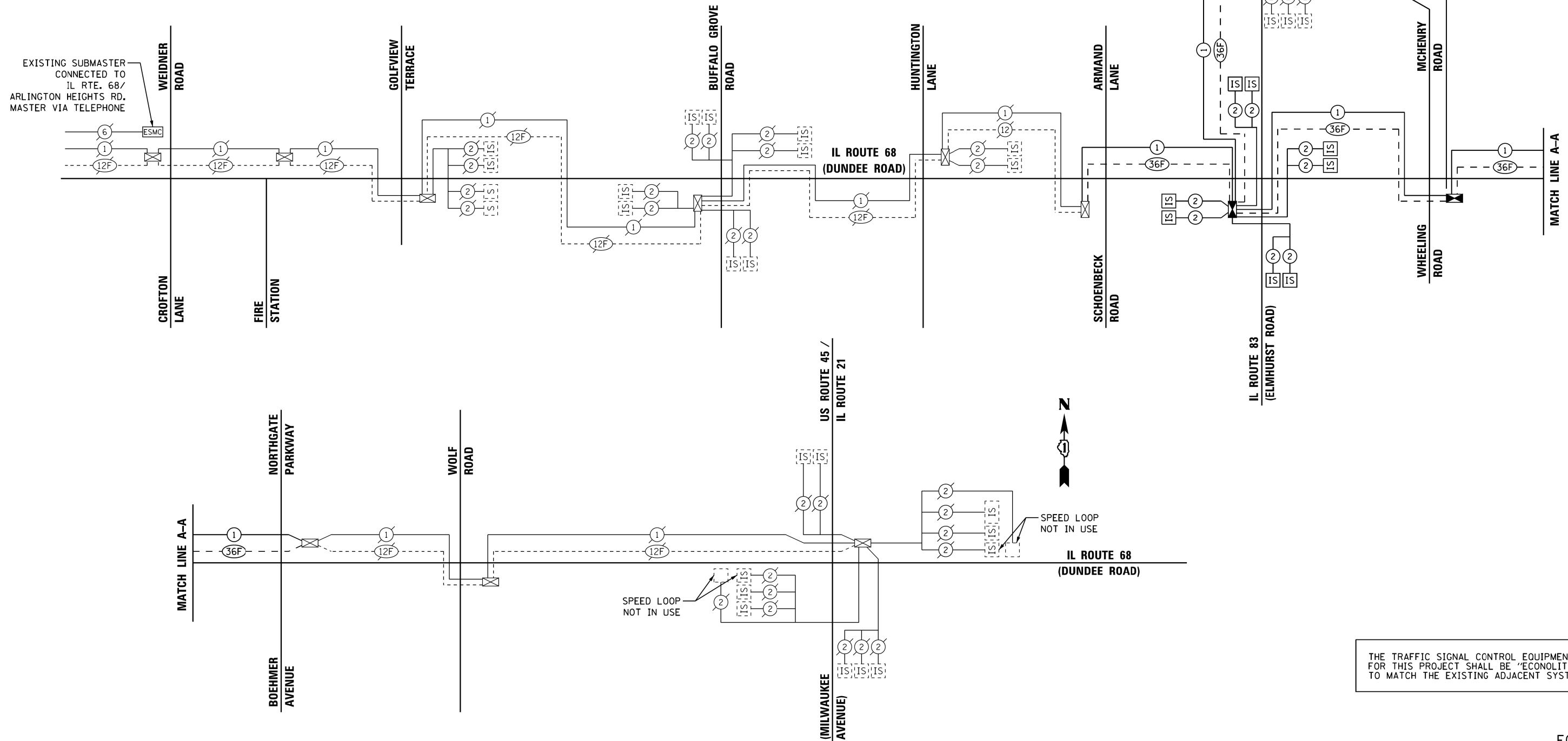
**INTERCONNECT PLAN
 IL ROUTE 68 (DUNDEE ROAD) FROM
 ARMAND LN./SCHOENBECK RD. TO NORTHGATE PKWY./BOEHMER AVE.**

SCALE: 1"=50' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	57
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	923
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	6823
DRILL EXISTING HANDHOLE	EACH	3
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4237
ROD AND CLEAN EXISTING CONDUIT	FOOT	4237
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	6892
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

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PLOT DATE = 6/10/2015	DATE - 10/22/14	REVISED -

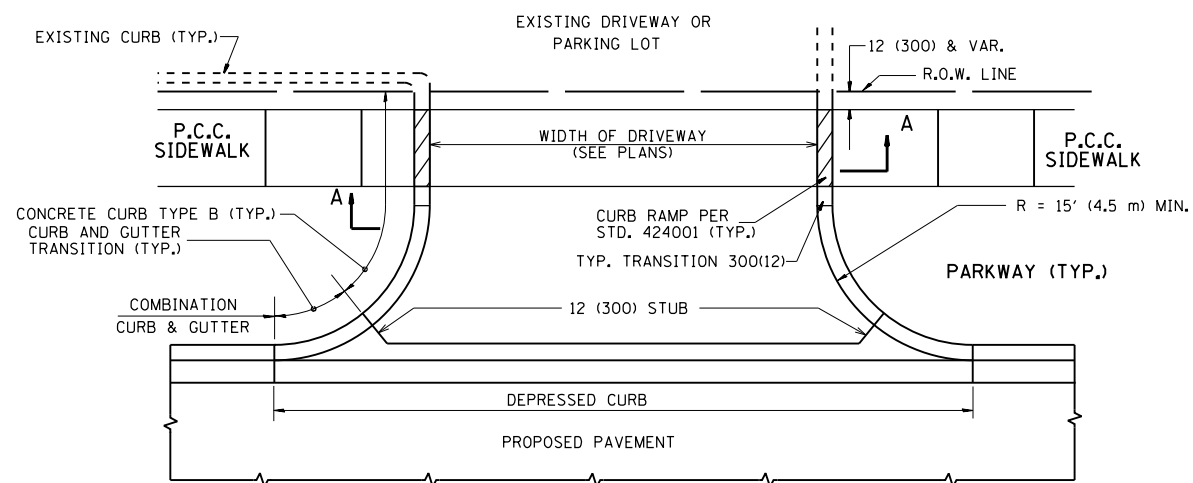
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED INTERCONNECT SCHEMATIC - IDOT SYSTEM 92
FIRE STATION ENTRANCE TO US ROUTE 45 / IL ROUTE 21**

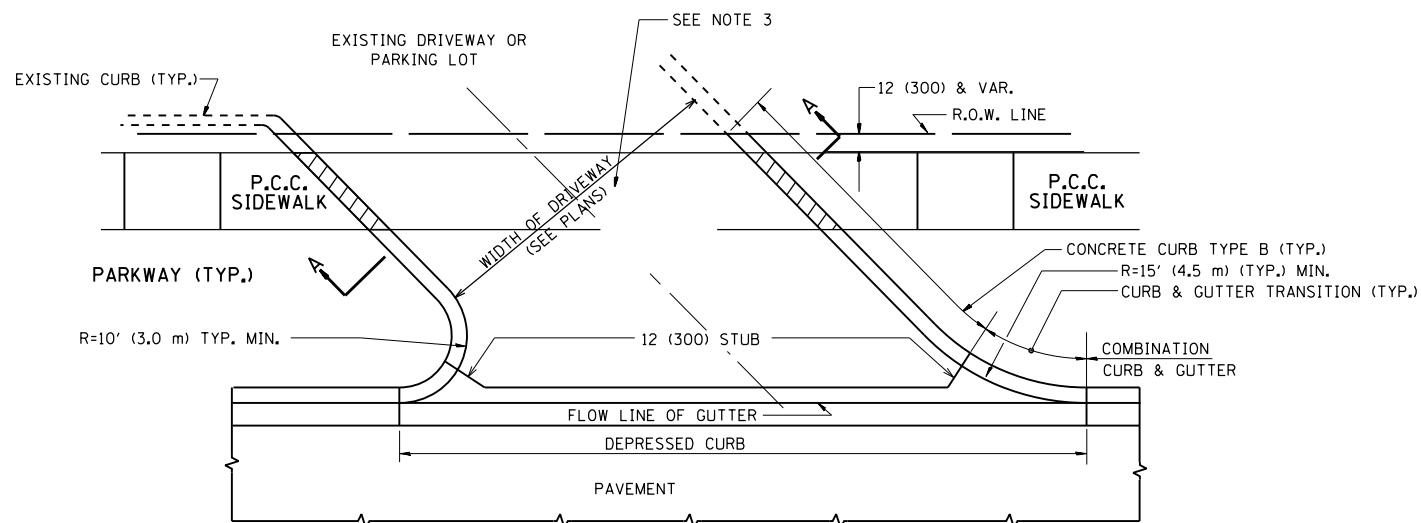
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12) / 3041N-4(12)	COOK	78	58
CONTRACT NO. 60V97				
ILLINOIS FED. AID PROJECT				

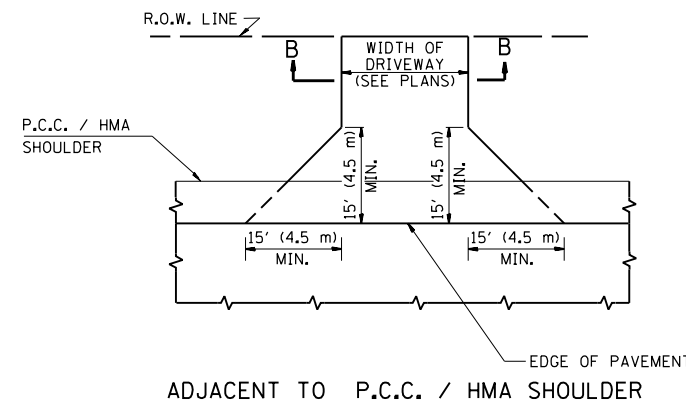
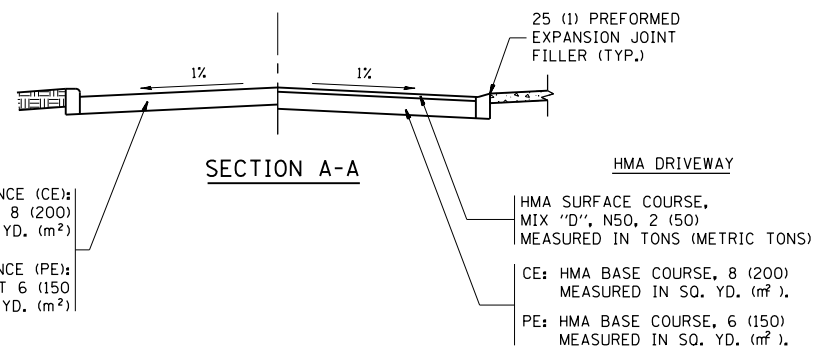
ECON 92



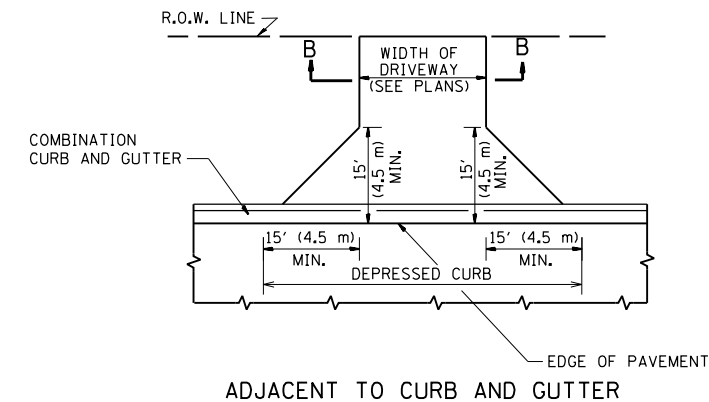
WITH CONCRETE CURB, TYPE B



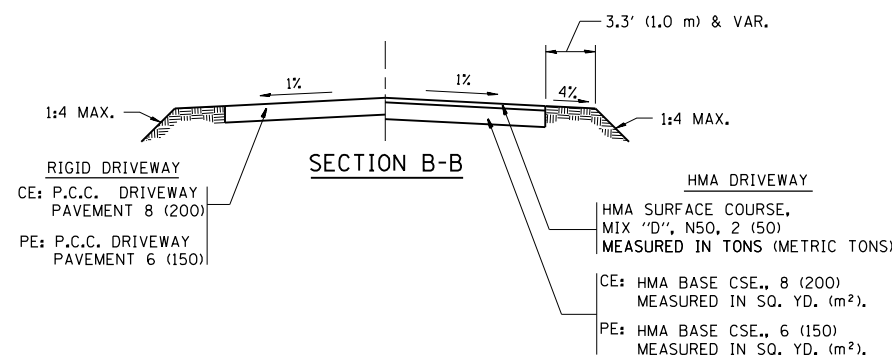
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)

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

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

GENERAL NOTES:

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

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

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

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

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

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

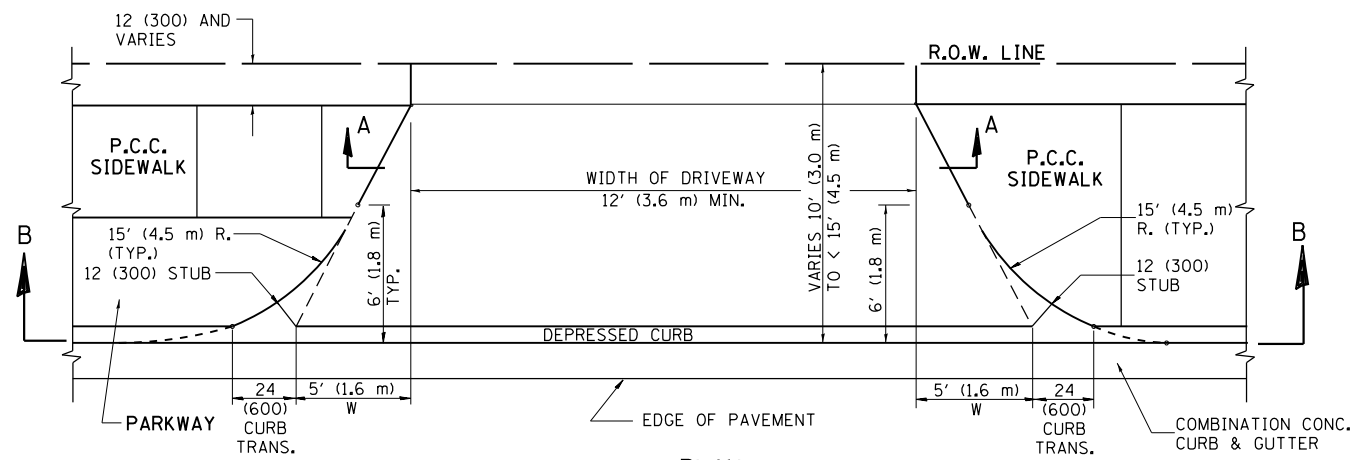
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	PLOT SCALE = 100.0000' / 1"	DATE - 11-04-95	REVISED - R. BORO 06-11-08
			REVISED - R. BORO 09-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

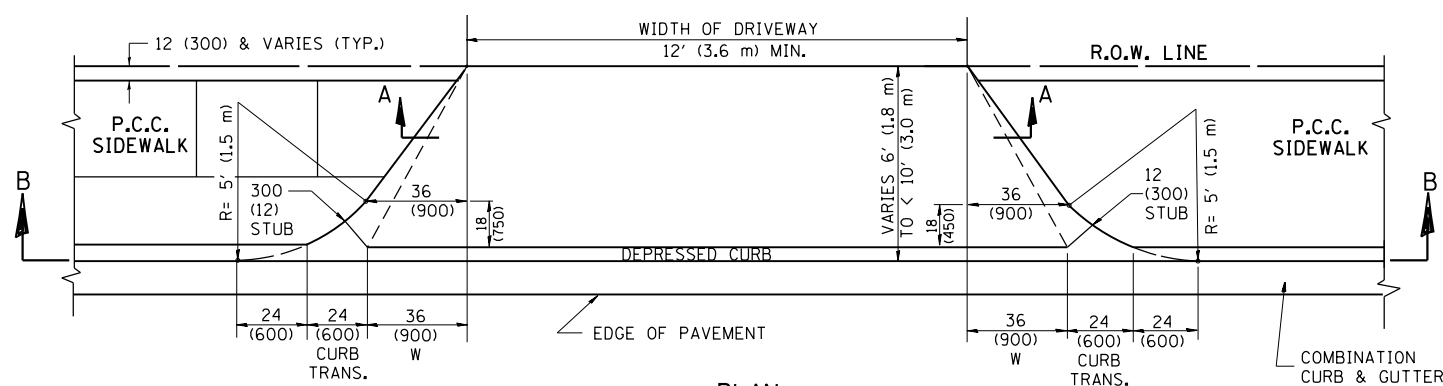
DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.
AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)

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

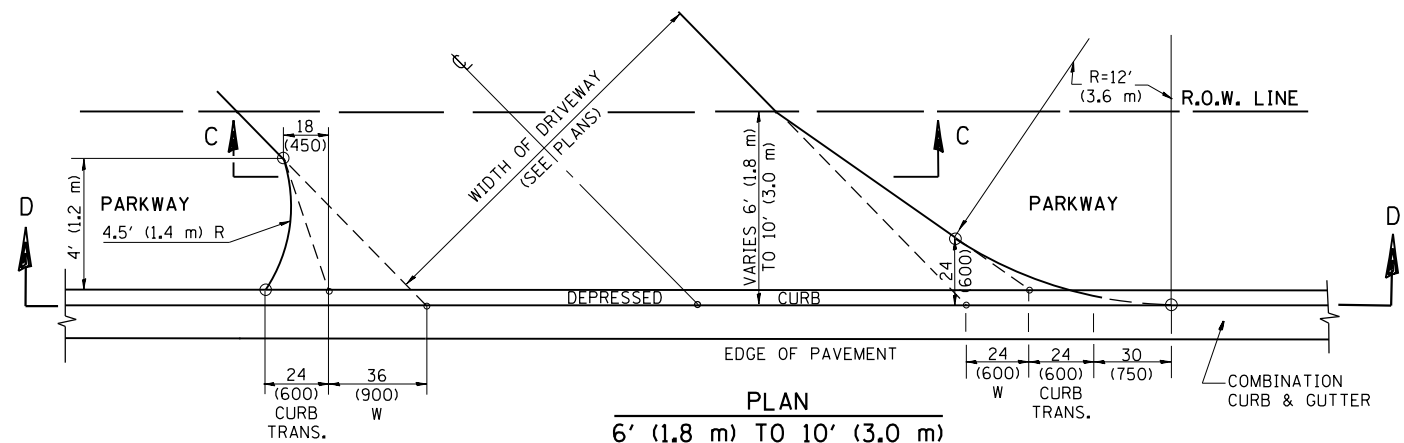
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	COOK	78	59
BD0156-07 (BD-01)			CONTRACT NO. 60V97	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



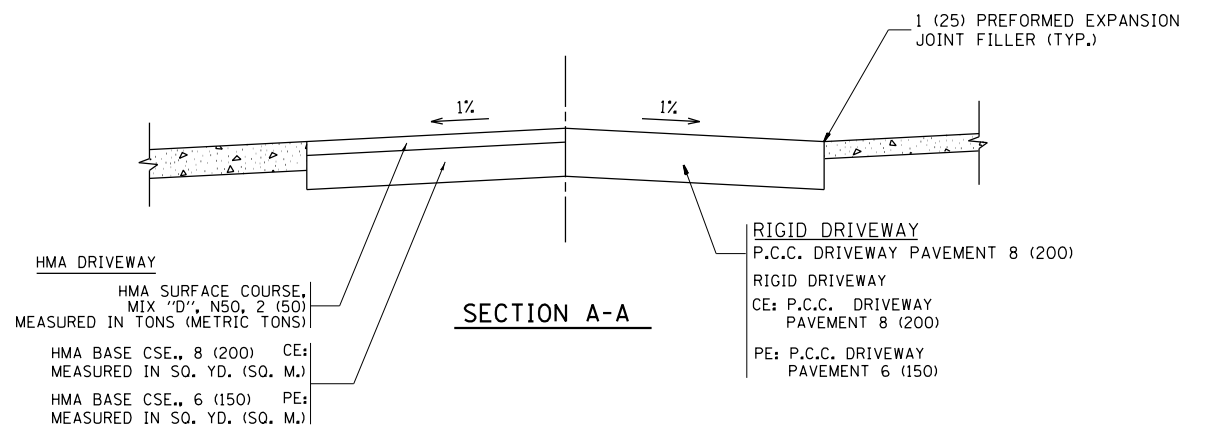
PLAN
10' (3.0 m) TO < 15' (4.5 m)



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

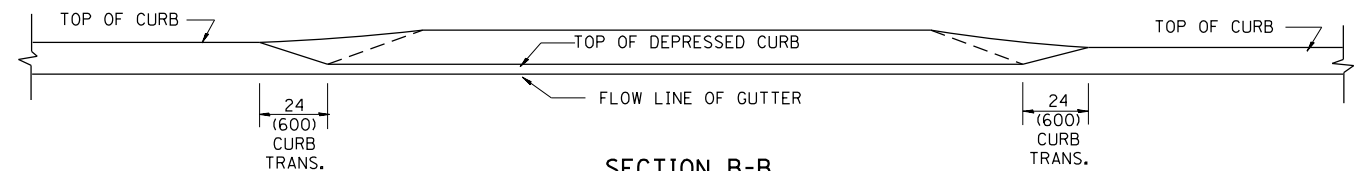


PLAN
6' (1.8 m) TO 10' (3.0 m)

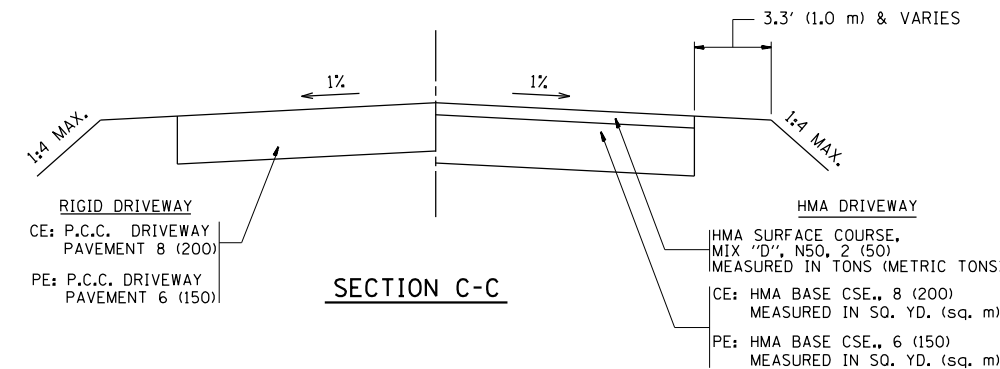


HMA DRIVEWAY
HMA SURFACE COURSE, MIX "D", N50, 2 (50) MEASURED IN TONS (METRIC TONS)
HMA BASE CSE., 8 (200) MEASURED IN SQ. YD. (SQ. M.)
HMA BASE CSE., 6 (150) MEASURED IN SQ. YD. (SQ. M.)

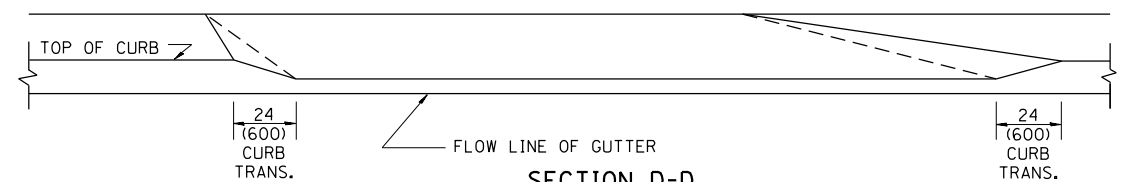
RIGID DRIVEWAY
P.C.C. DRIVEWAY PAVEMENT 8 (200)
RIGID DRIVEWAY CE: P.C.C. DRIVEWAY PAVEMENT 8 (200)
PE: P.C.C. DRIVEWAY PAVEMENT 6 (150)



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

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

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

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

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

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

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

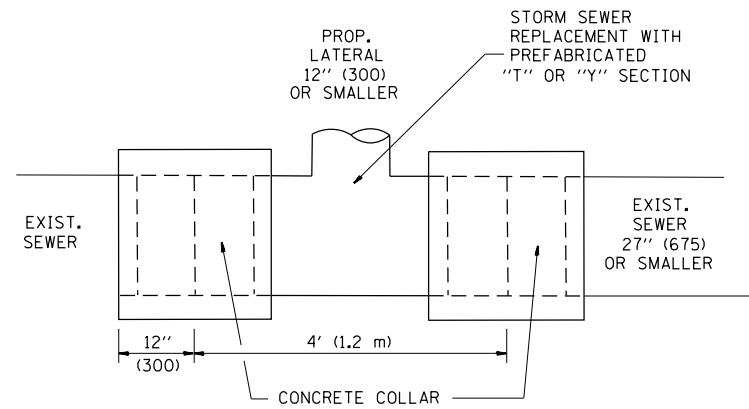
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = STREATERJR	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
pw\11084EBIDINTEG.illinois.gov\PIWIDOTDocuments\IDOT Offices\District 1\Projects\PI24812\Design\PI24812-sh1-genote.dgn		DRAWN - P. LaFLEUR	REVISED - P. LaFLEUR 04-15-03
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 10/20/2015		DATE - 11-06-95	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

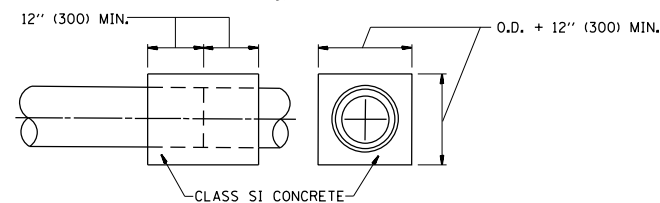
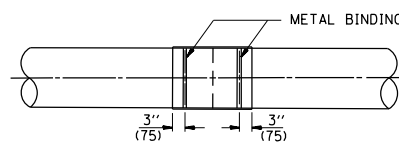
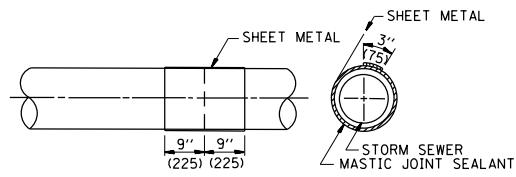
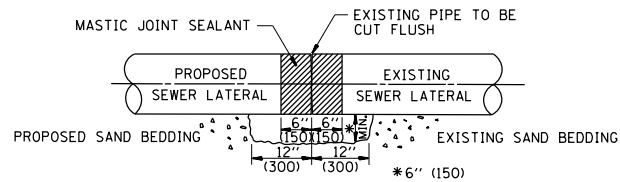
DRIVEWAY DETAILS			
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	COOK	78	60
BD400-02 (BD-02)			CONTRACT NO. 60V97	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DETAIL "A"

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



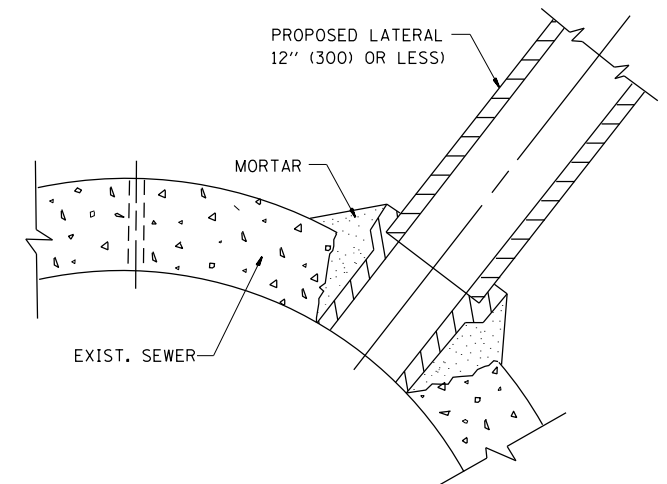
DETAIL "B"

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.

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



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.

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.

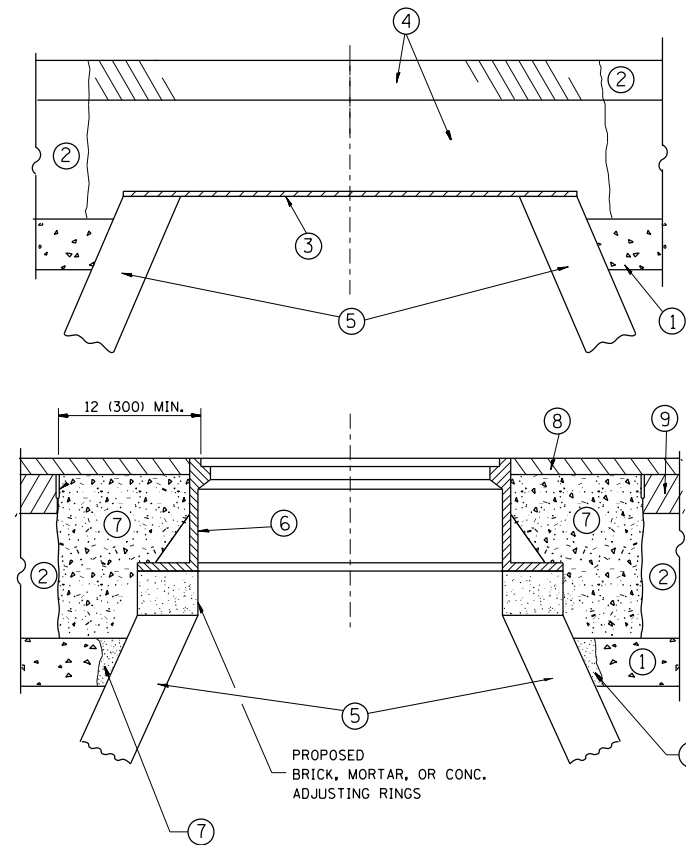
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	PLOT SCALE = 100.0000' / 1"	DATE - 07-25-90	REVISED - R. SHAH 10-25-94
	PLOT DATE = 10/20/2015		REVISED - R. SHAH 06-12-96

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	COOK	78	61
BD500-01 (BD-7)			CONTRACT NO. 60V97	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

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

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

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

NOTES:

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

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

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

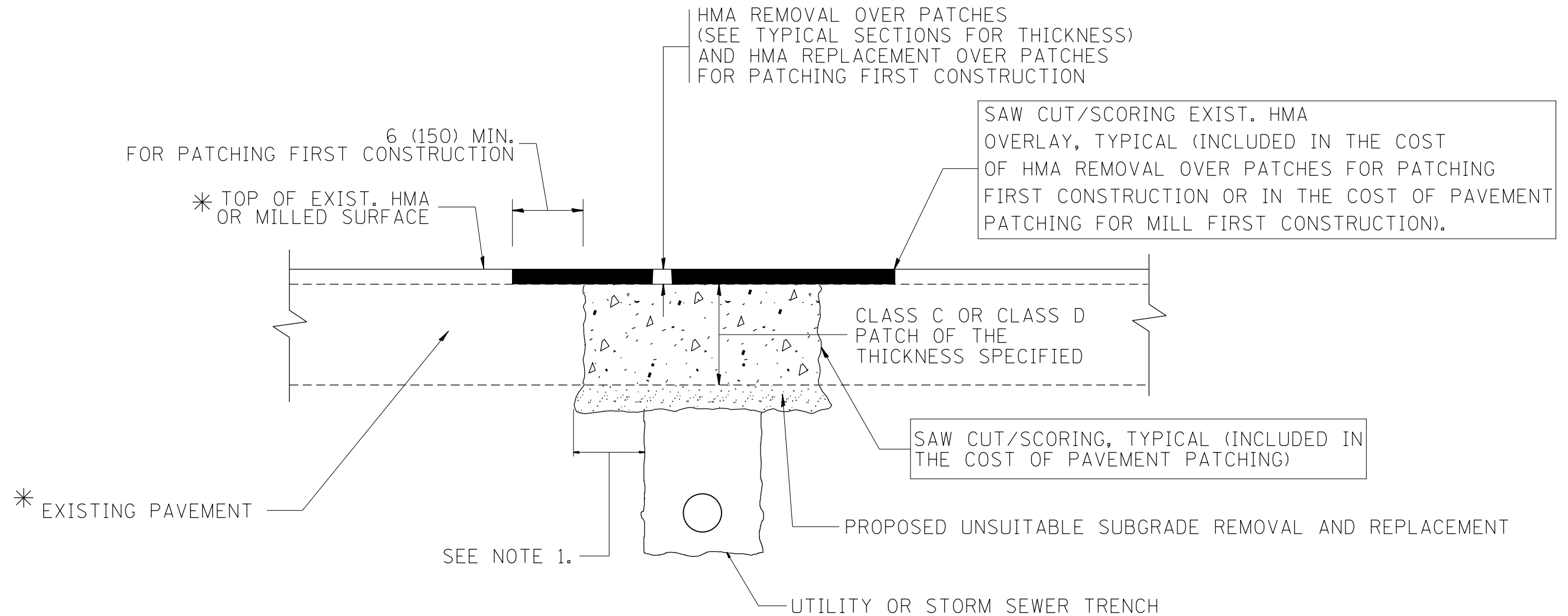
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 10/20/2015	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	COOK	78	62
BD600-03 (BD-8)			CONTRACT NO. 60V97	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

FILE NAME =	USER NAME = STREATERJR	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\PI24812\Drawings\Design\PI24812-sh1-genote.dgn	PLotted SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 01-01-07					343	3041N-3(12)	COOK	78	64
	PLotted DATE = 10/20/2015	DATE - 10-25-94	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)			CONTRACT NO. 60V97				
			REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

BASIS OF PAYMENT:

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

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

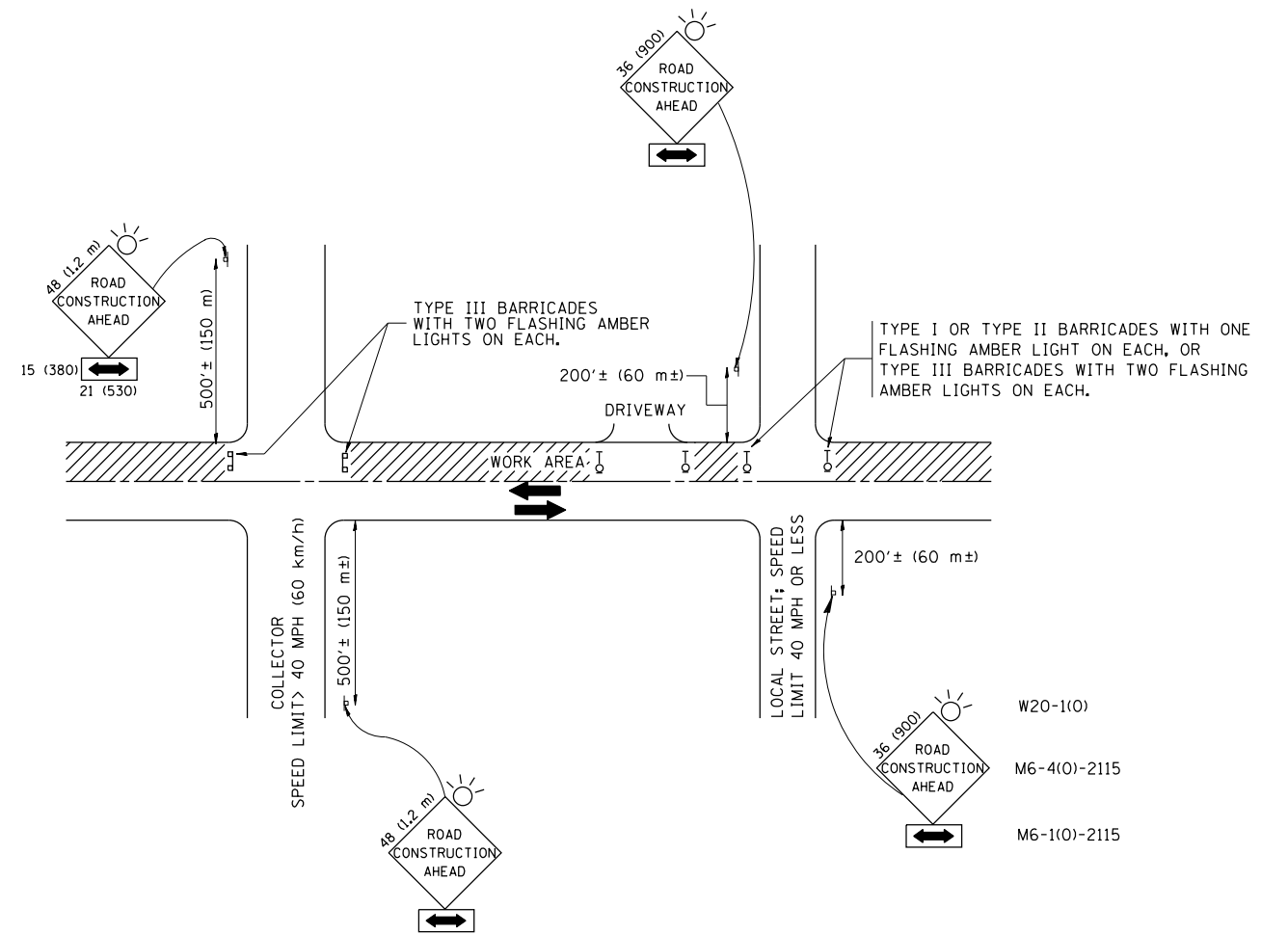
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = STREATERJR	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\PI24812\Design\PI24812-sh1-genote.dgn		DESIGNED - A. ABBAS 03-21-97	REVISED - A. ABBAS 03-21-97					343	3041N-3(12)	COOK	78	65
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED - M. GOMEZ 01-22-01			BD600-06 (BD-24)			CONTRACT NO. 60V97				
PLOT DATE = 10/20/2015	DATE - 03-11-94	REVISED - R. BORO 12-15-09			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

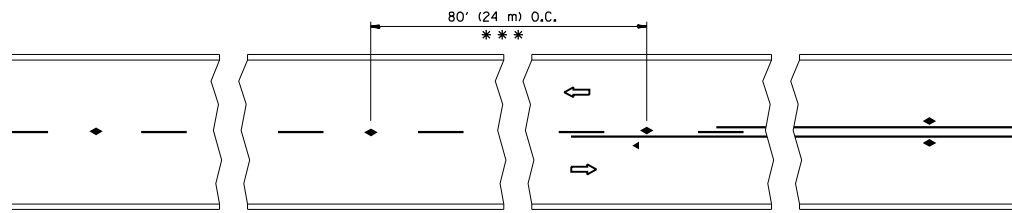
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p:\IL\084EBID\INTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\P124812\Design\PI24812-sh1-genote.dgn		DRAWN	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 10/21/2015	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

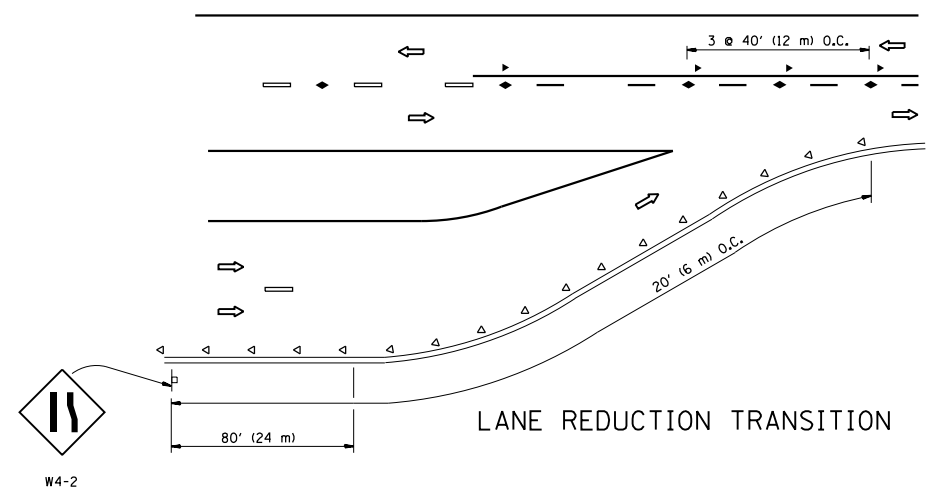
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	COOK	78	66
TC-10			CONTRACT NO. 60V97	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

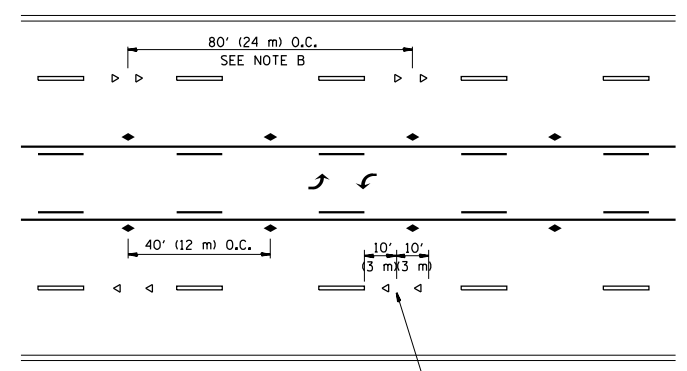


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

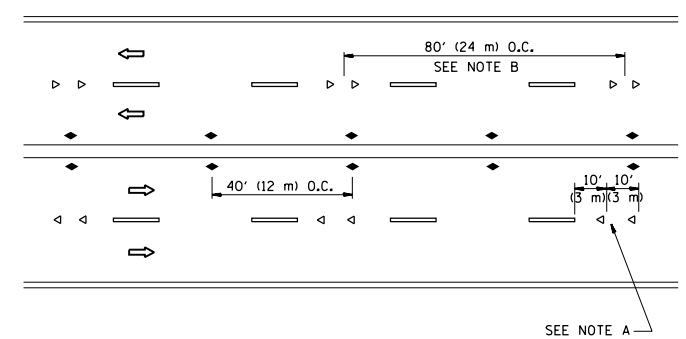
TWO-LANE/TWO-WAY



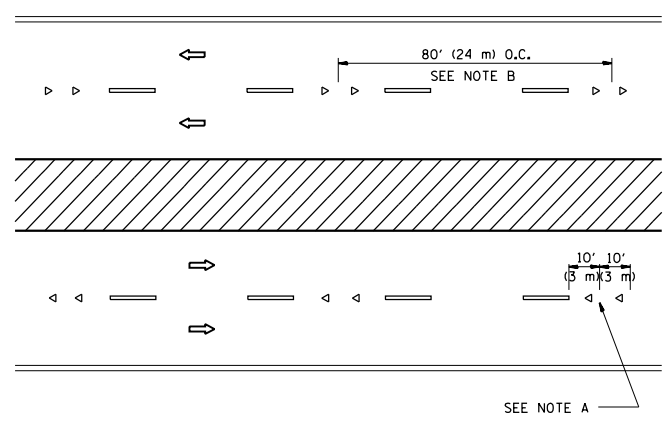
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

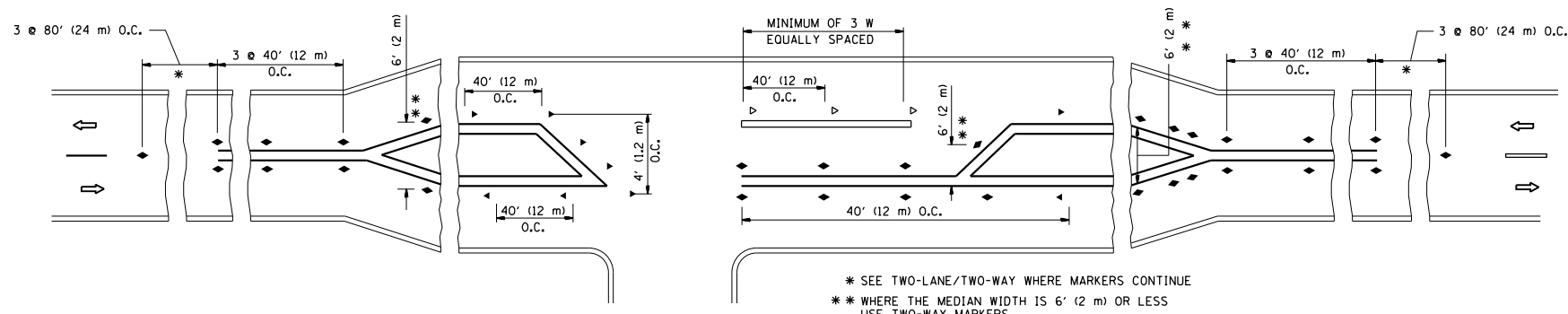
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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

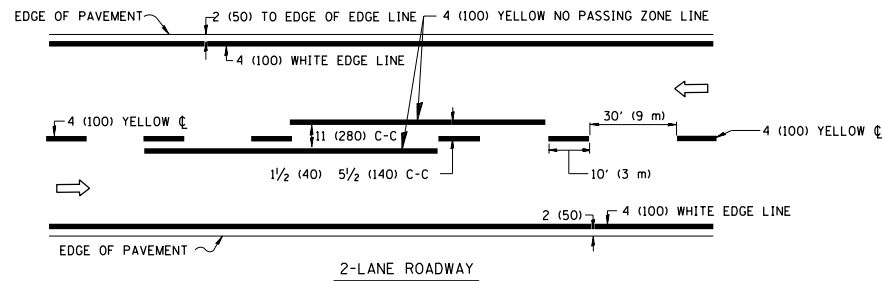


LEFT TURN

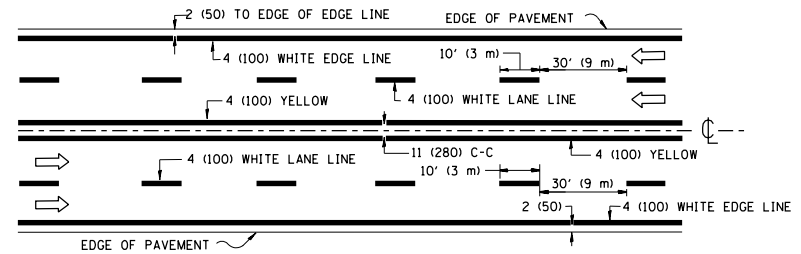
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

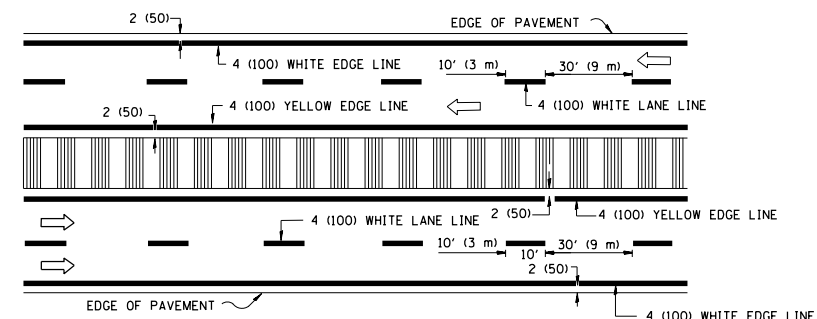
FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\P124812\Design\P124812-sh1-genote.dgn		CHECKED -	REVISED - T. RAMMACHER 03-12-99		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	343	3041N-3(12)	COOK	78	67
		DATE -	REVISED - T. RAMMACHER 01-06-00						TC-11		CONTRACT NO. 60V97		
			REVISED - C. JUCIUS 09-09-09		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								



2-LANE ROADWAY



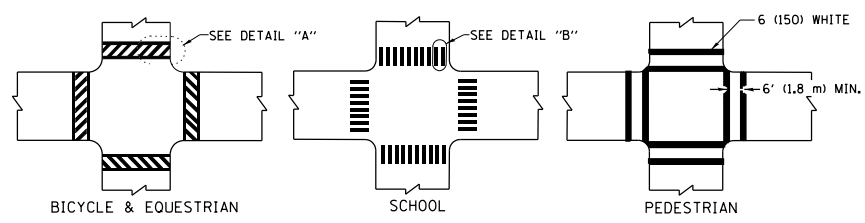
MULTI-LANE UNDIVIDED



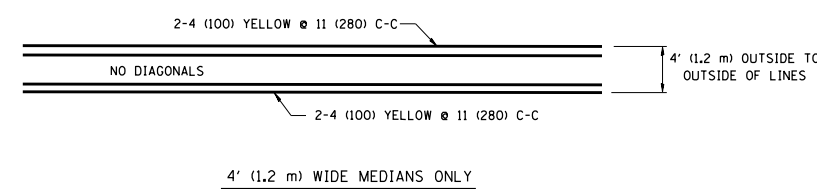
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

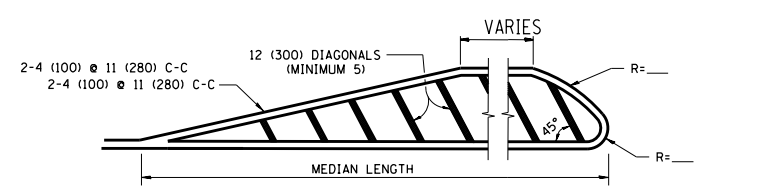
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



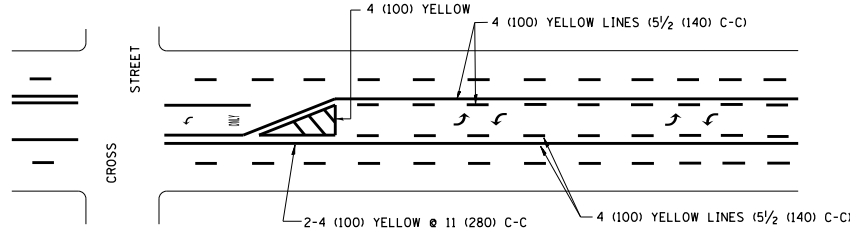
4' (1.2 m) WIDE MEDIANS ONLY



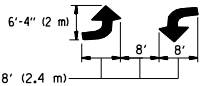
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

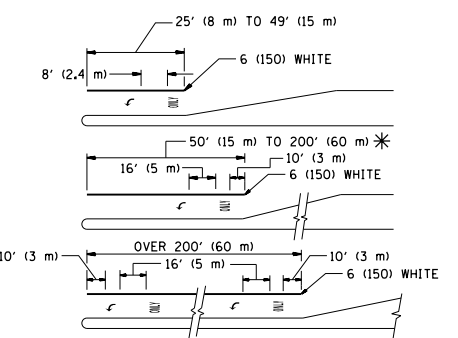


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

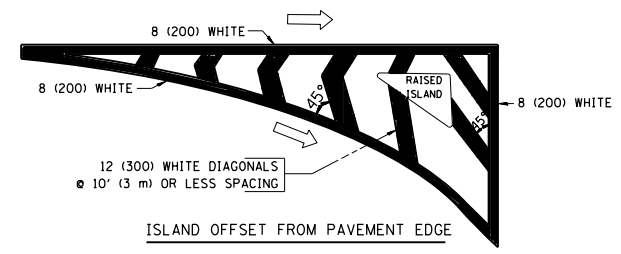


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

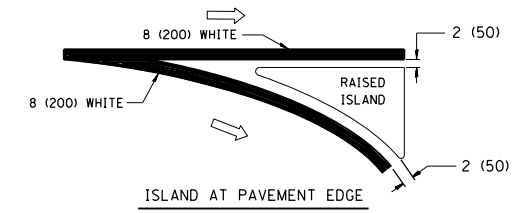
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

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

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

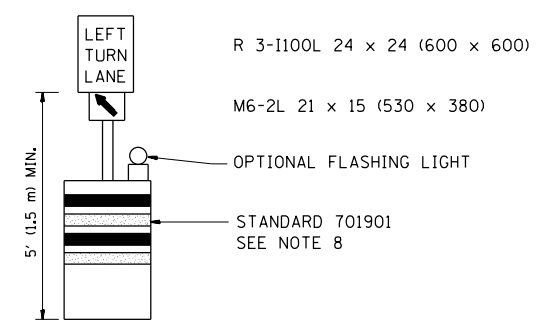
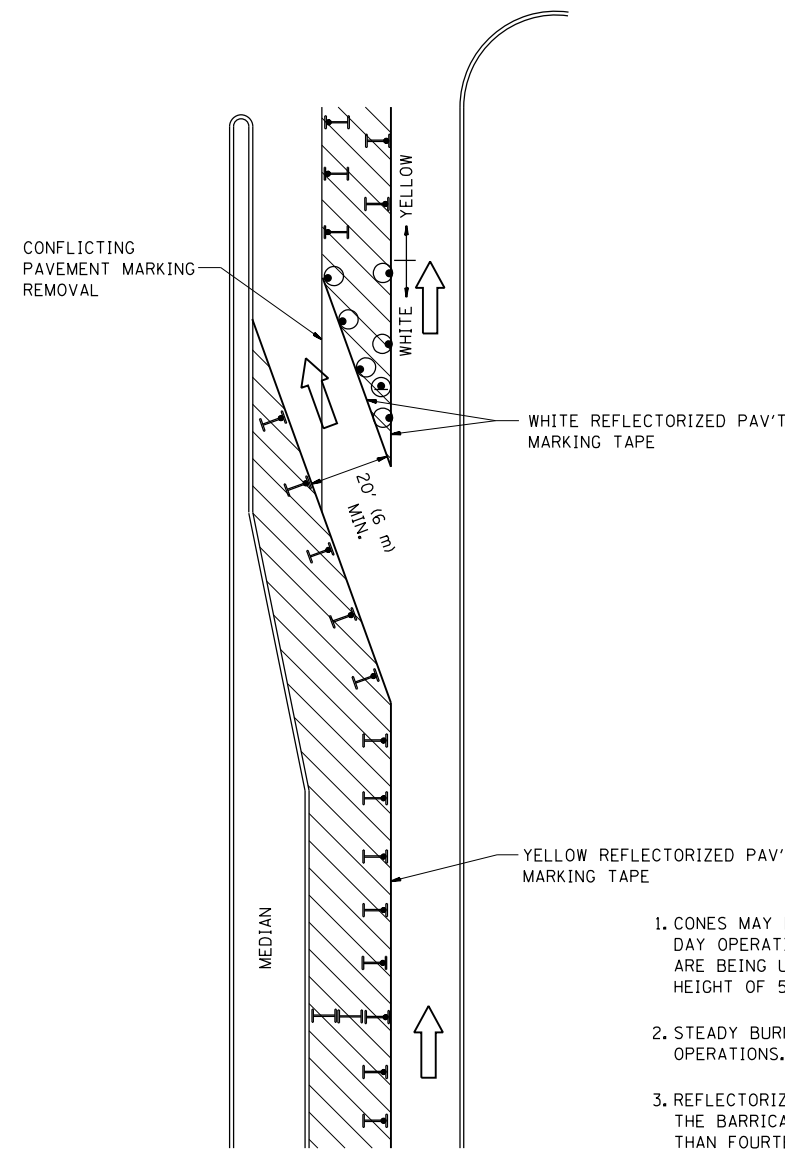
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = STREATERJR	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\P124812\Design\P124812-sh1-gennote.dgn		CHECKED -	REVISED -C. JUCIUS 09-09-09
	PLOT SCALE = 100.0000' / in.	DATE - 03-19-90	REVISED -
	PLOT DATE = 10/21/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	COOK	78	68
TC-13		CONTRACT NO. 60V97		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				









GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

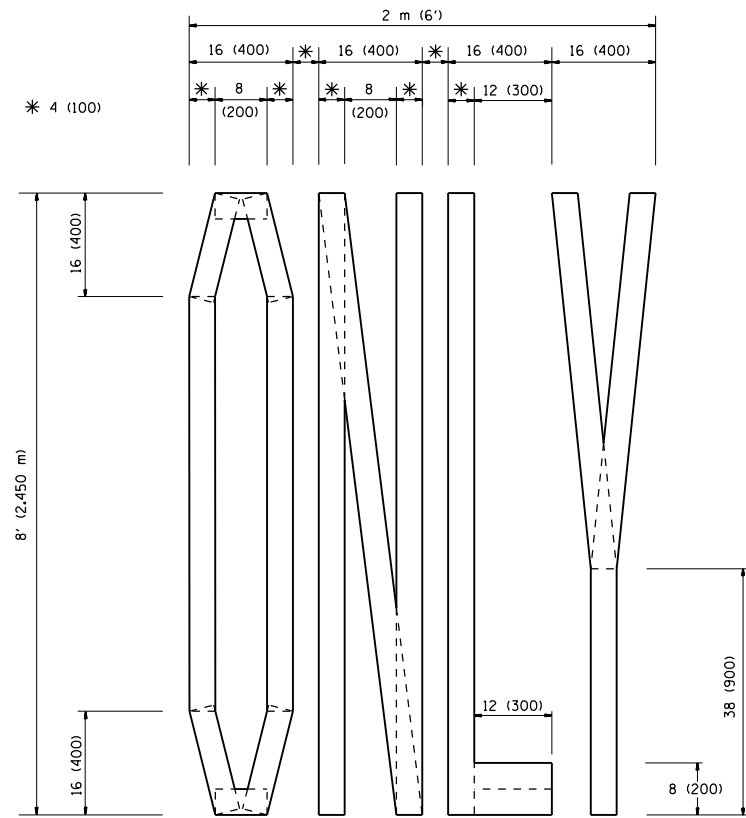
-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FILE NAME =	USER NAME = STREATERJR	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\PI2498\Design\HOUSEH-10-96.dgn		REVISED - A. HOUSEH 10-12-96	REVISED -
		REVISED -T. RAMMACHER 01-06-00	REVISED -
PLOT SCALE = 100.0000' / in.			
PLOT DATE = 10/20/2015			

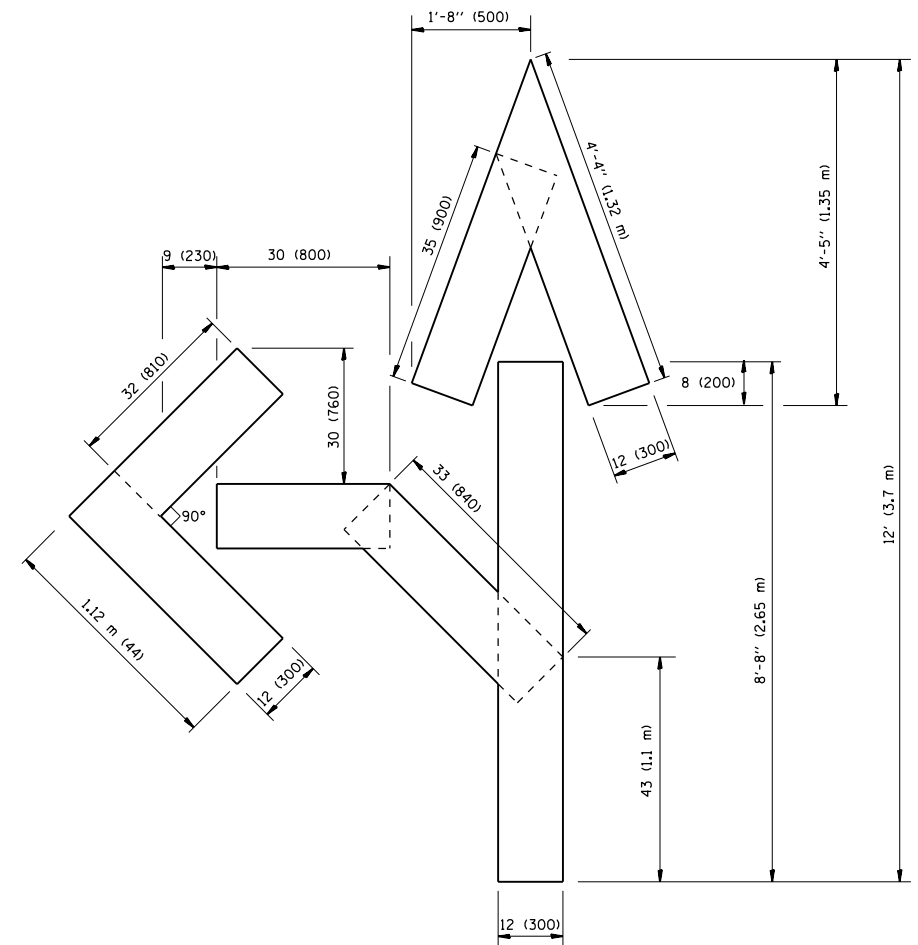
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

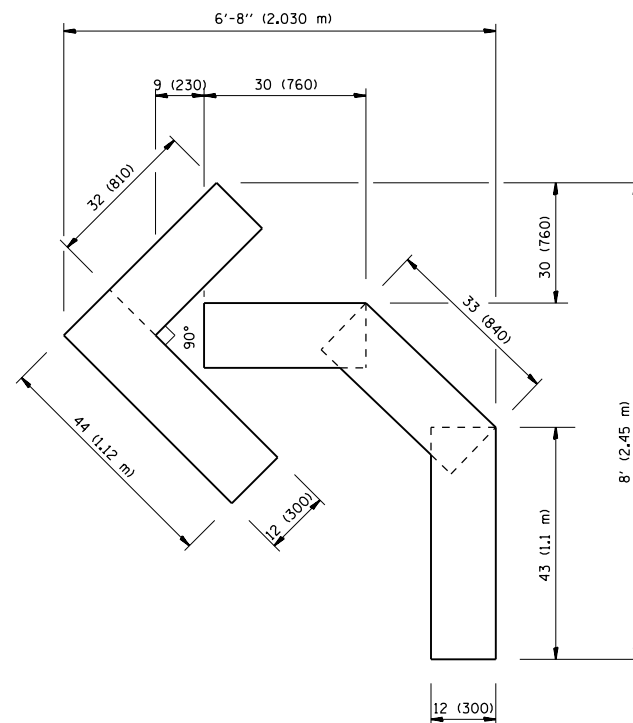
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	COOK	78	69
TC-14			CONTRACT NO. 60V97	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

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

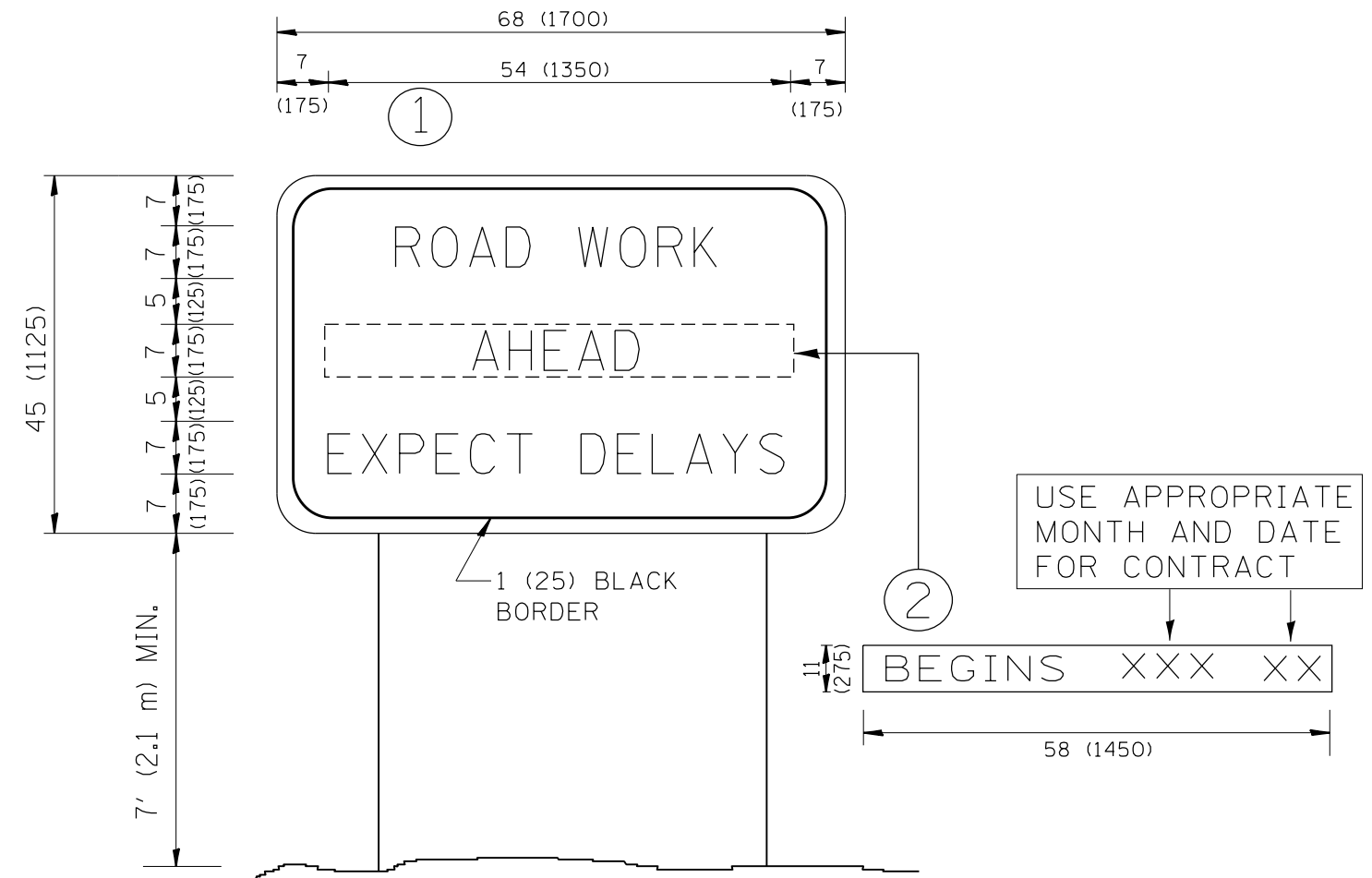
FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\P124812\Drawings\Design\P124812-sht-genote.dgn		DRAWN -	REVISED -T. RAMMACHER 11-04-97
		CHECKED -	REVISED -T. RAMMACHER 03-02-98
		DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	COOK	78	70
TC-16			CONTRACT NO. 60V97	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

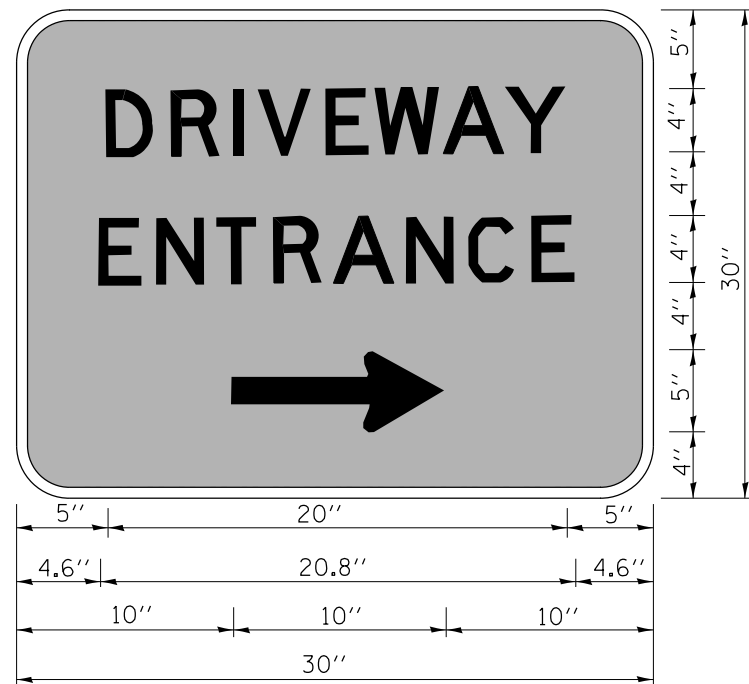


NOTES:

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

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

FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\PI24812\Drawings\Design\PI24812-sh1-genote.dgn	DRAWN	REVISED - R. MIRS 12-11-97	343			3041N-3(12)	COOK	78	71	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	TC-22			CONTRACT NO. 60V97				
PLOT DATE = 10/20/2015	DATE -	REVISED - C. JUCIUS 01-31-07	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



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

NOTES:

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

FILE NAME =	USER NAME = STREATERJR	DESIGNED -	REVISED - C. JUCIUS 02-15-07
p:\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\PI24812\Drawings\Design\PI24812-sht-genote.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

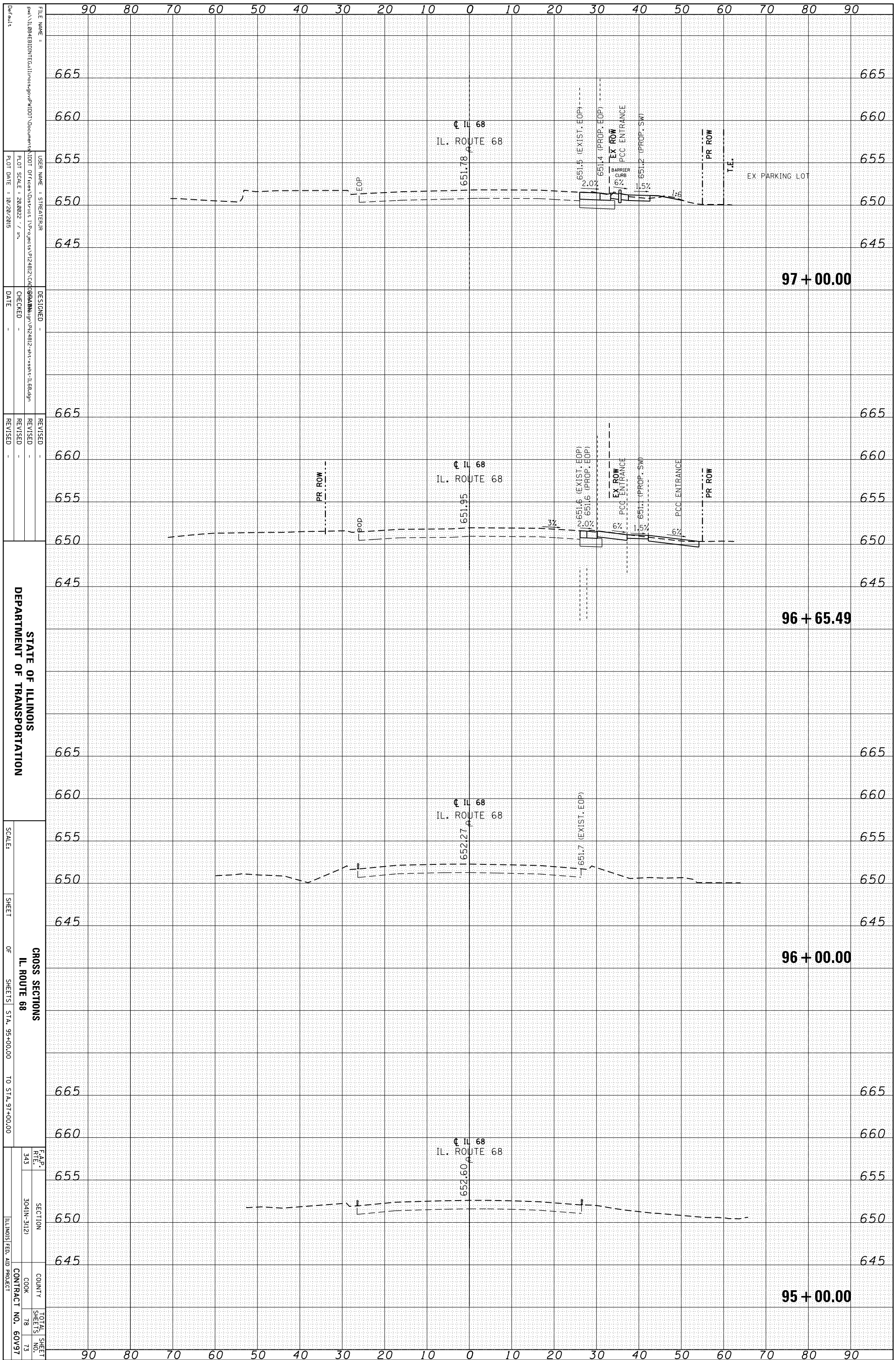
DRIVEWAY ENTRANCE SIGNING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	3041N-3(12)	COOK	78	72
TC-26			CONTRACT NO. 60V97	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

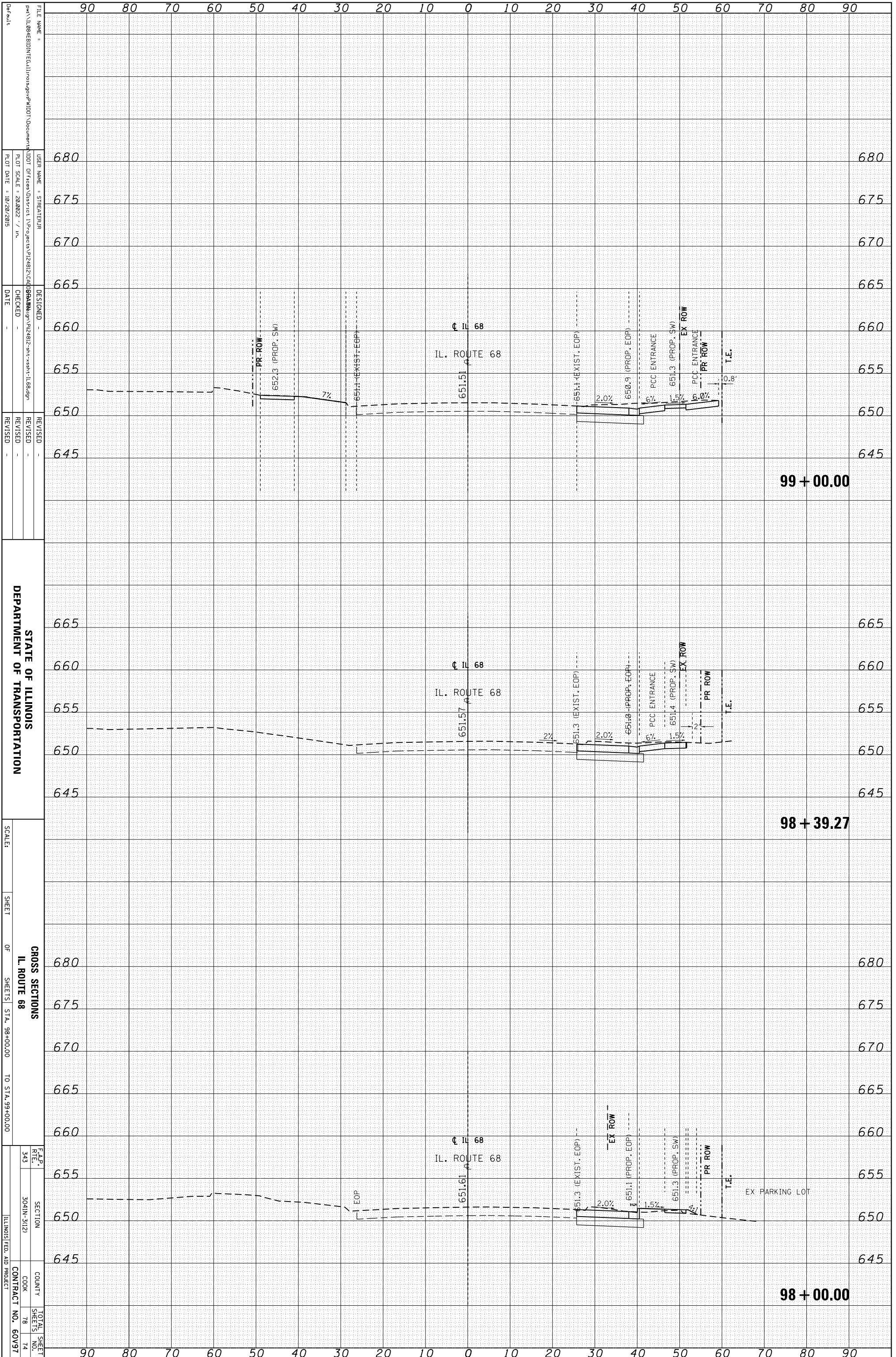
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



FILE NAME: ...
 USER NAME: STREETVIEW
 PLOT SCALE: 20/2022 / in.
 PLOT DATE: 10/20/2015
 CHECKED: -
 DATE: -
 REVISIONS:
 REVISION 1: -
 REVISION 2: -
 REVISION 3: -
 REVISION 4: -
 REVISION 5: -
 REVISION 6: -
 REVISION 7: -
 REVISION 8: -
 REVISION 9: -
 REVISION 10: -
 DEPARTMENT OF TRANSPORTATION
 SCALE: -
 SHEET OF SHEETS STA. 95+00.00 TO STA. 97+00.00
 CROSS SECTIONS
 IL ROUTE 68
 F.A.P. R.F.L. 343
 SECTION 304IN-312D
 COUNTY COOK
 CONTRACT NO. 60V97
 TOTAL SHEET SHEETS 78
 SHEET NO. 73
 ILLINOIS FED. AID PROJECT

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

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



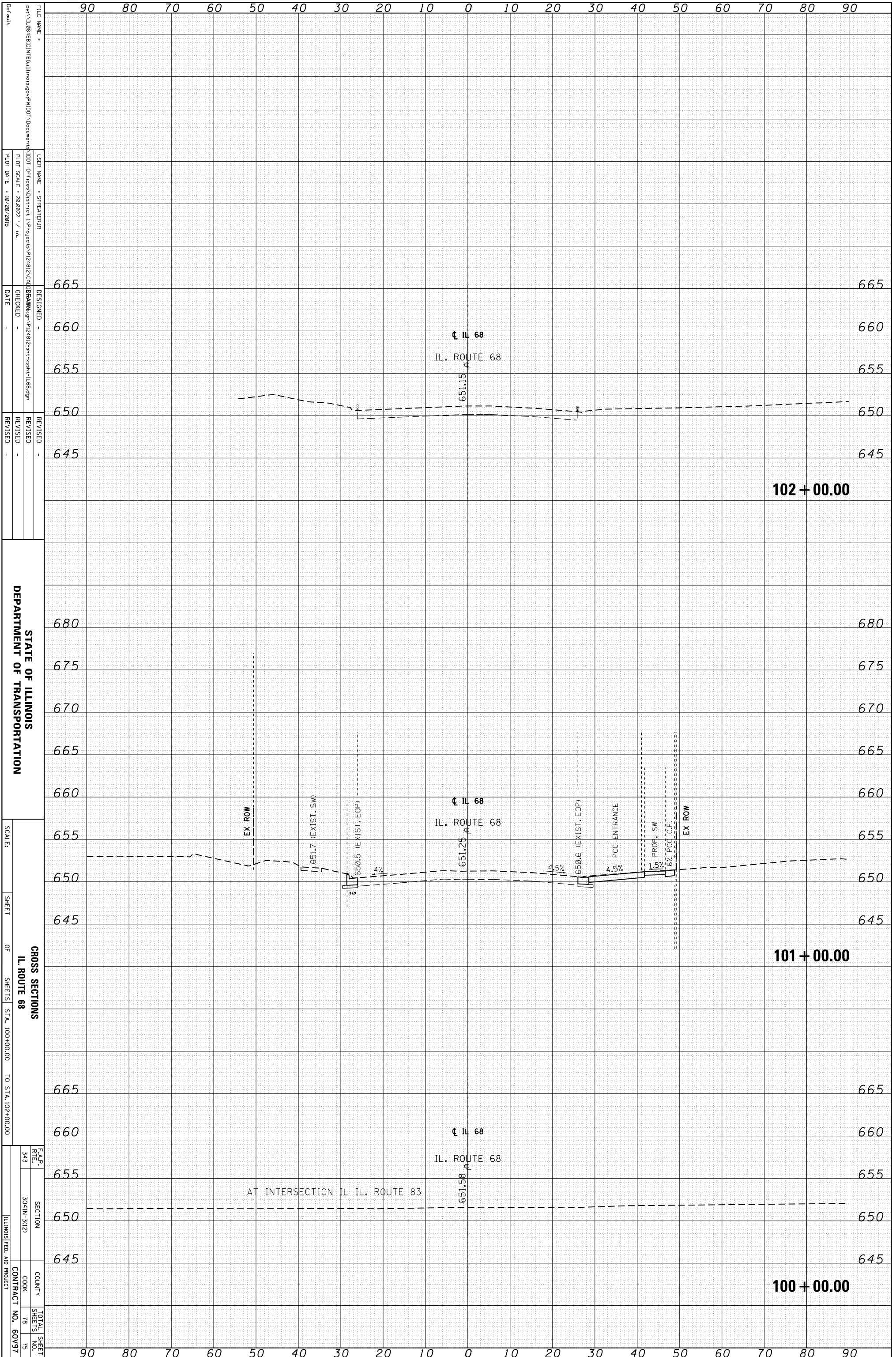
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: _____
SHEET _____ OF _____ SHEETS
GROSS SECTIONS
IL. ROUTE 68
STA. 98+00.00 TO STA. 99+00.00

F.A.P. R.F.E.	SECTION	COUNTY	TOTAL SHEET NO.
343	304IN-312D	COOK	78
			74
		CONTRACT NO.	60V97
		ILLINOIS FED. AID PROJECT	

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

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



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL. ROUTE 68

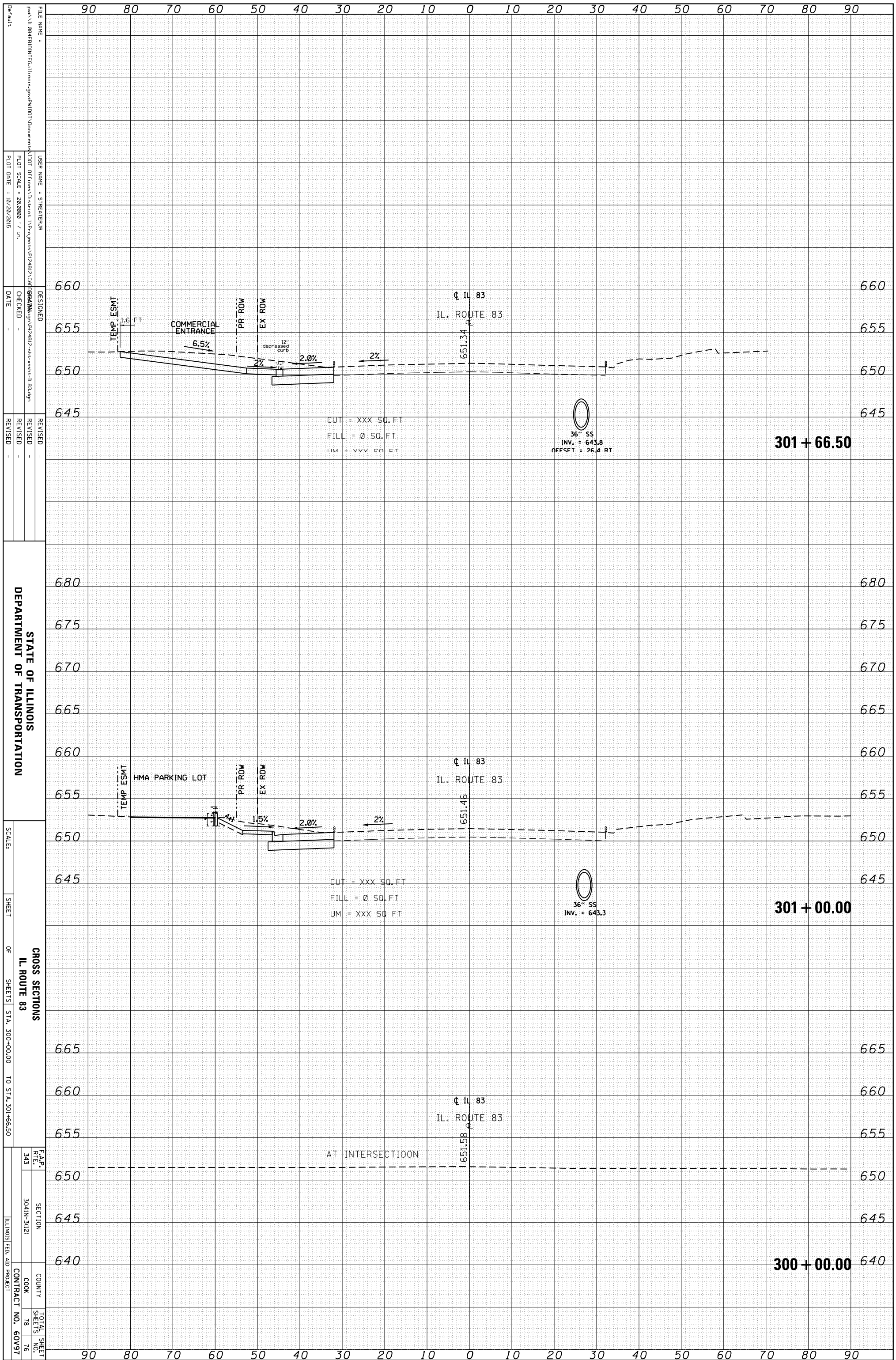
SCALE: SHEET OF SHEETS STA. 100+00.00 TO STA. 102+00.00

FILE NAME: ...
USER NAME: STREETENR
DESIGNED: ...
CHECKED: ...
DATE: ...
REVISIONS: ...

F.A.P. R.T.E. 343 SECTION 304N-312D COUNTY COOK CONTRACT NO. 60V97 TOTAL SHEET NO. 75

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

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



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS SECTIONS
IL ROUTE 83

FILE NAME	USER NAME	DESIGNED	REVISION
DATE	CHECKED	REVISION	REVISION
DATE	REVISION	REVISION	REVISION

SCALE	SHEET	OF	SHEETS	STA.	TO

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS

CONTRACT NO.	COOK	78

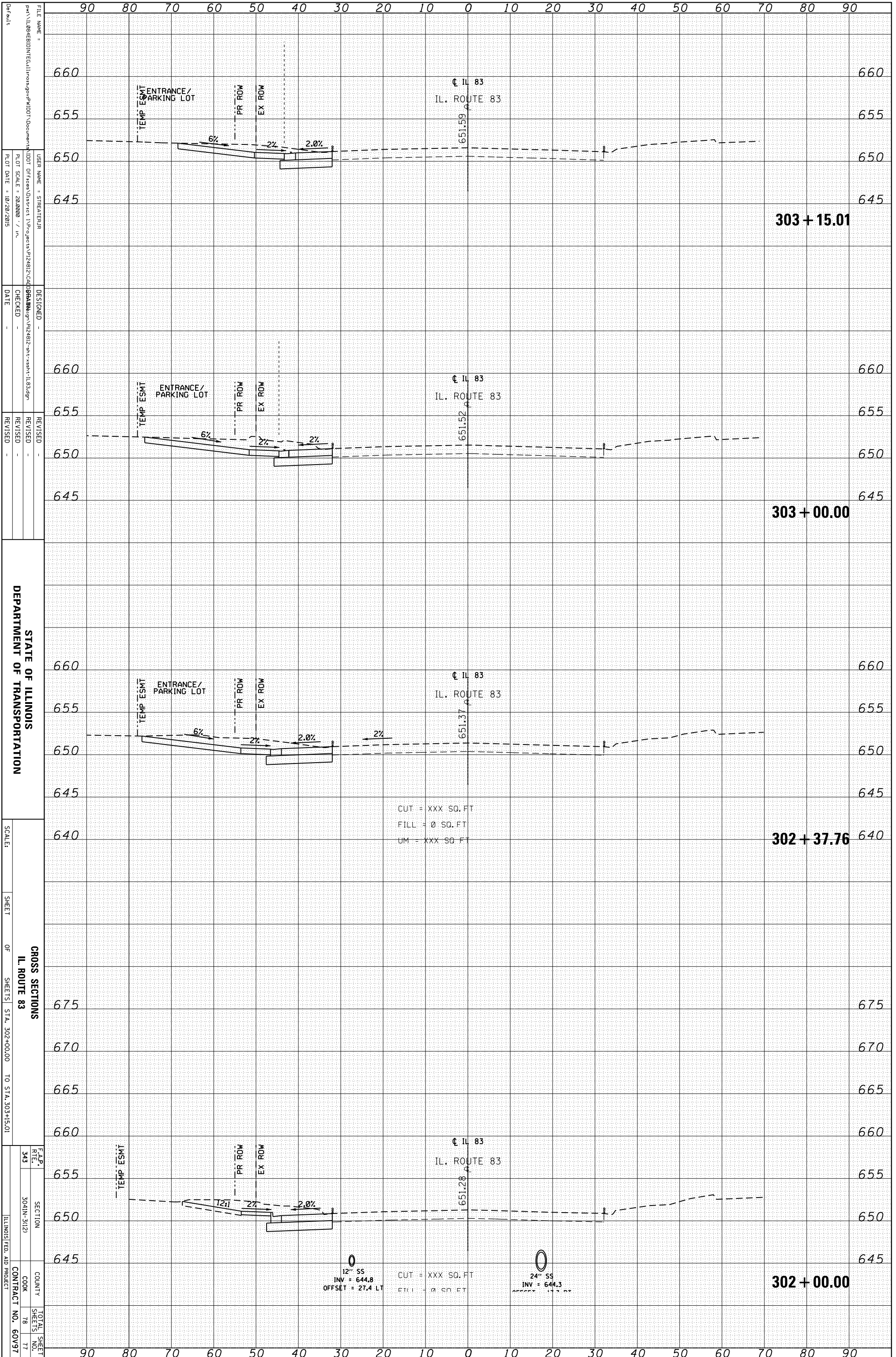
CONTRACT NO.	76

CONTRACT NO.	60V97

ILLINOIS FED. AID PROJECT	

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



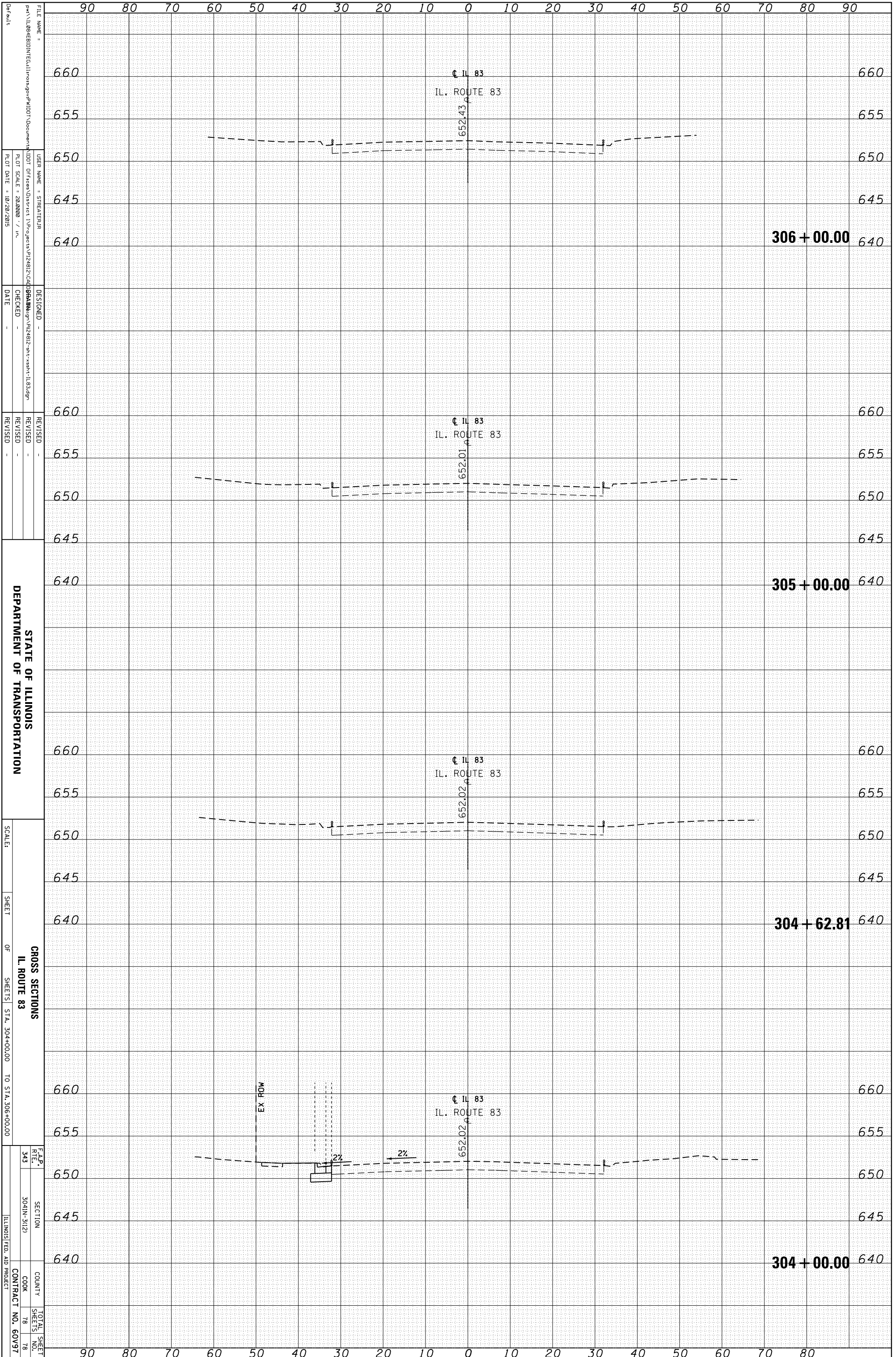
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL. ROUTE 83

F.A.P. SECTION COUNTY TOTAL SHEET NO.
343 304IN-312D COOK 78
SHEETS STA. 302+00.00 TO STA. 303+15.01 CONTRACT NO. 60V97

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

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



FILE NAME =
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 USER NAME = STREETENR
 PLOT SCALE = 28.0000 / in.
 PLOT DATE = 10/20/2015

DESIGNED -
 CHECKED -
 DATE -

REVISIONS
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:
 SHEET OF SHEETS STA. 304+00.00 TO STA. 306+00.00

CROSS SECTIONS
 IL ROUTE 83

F.A.P. R.T.E. 343 SECTION 304IN-312D COUNTY COOK TOTAL SHEETS 78 SHEETS NO. 78
 ILLINOIS FED. AID PROJECT CONTRACT NO. 60V97