

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	1

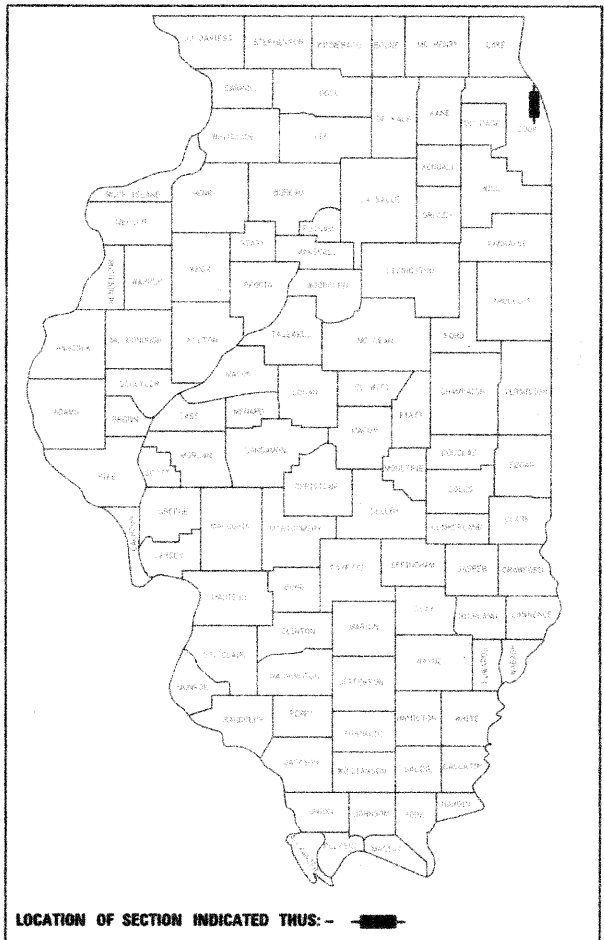
D-91-344-04

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY PROJECT

FAP ROUTE 350 SKOKIE BOULEVARD (U.S. ROUTE 41)
FOSTER STREET TO GOLF ROAD
SECTION 00-00242-00-CH
PROJECT F-0350(019)
COOK COUNTY
JOB NO. C-91-344-04



PROJECT IS LOCATED IN
 VILLAGE OF SKOKIE

PROJECT F-0350 (019)
 PROJECT LIMITS
 GOLF ROAD
 STATION 205+00.00

PROJECT F-0350 (019)
 PROJECT BEGINS
 SKOKIE BOULEVARD
 (U.S. ROUTE 41)
 STATION 105+83.67

PROJECT F-0350 (019)
 PROJECT ENDS
 SKOKIE BOULEVARD
 (U.S. ROUTE 41)
 STATION 118+65.26

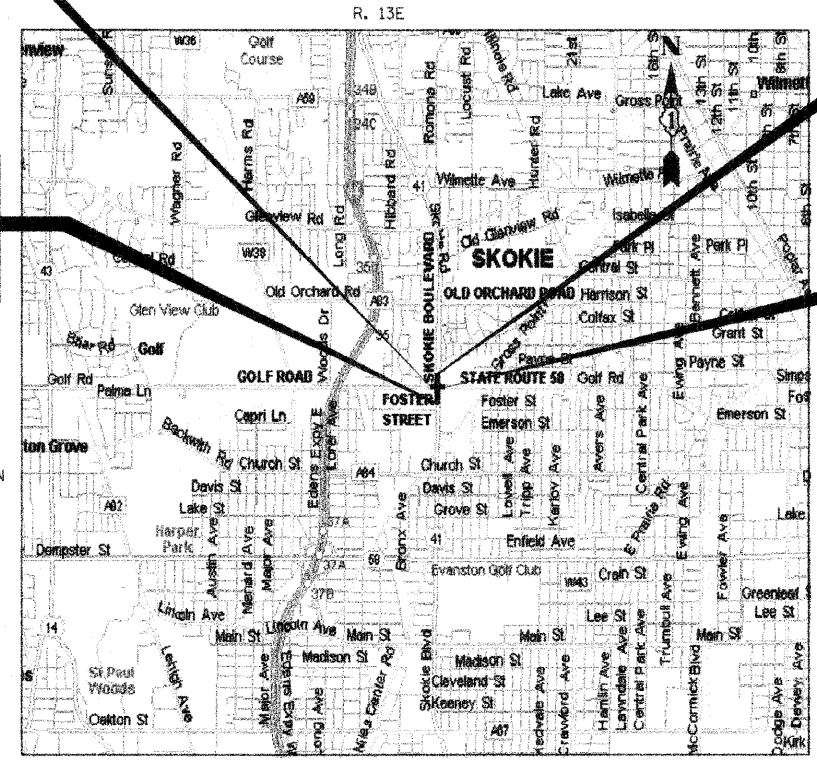
PROJECT F-0350 (019)
 PROJECT LIMITS
 GOLF ROAD
 STATION 209+92.44

DESCRIPTION OF IMPROVEMENT

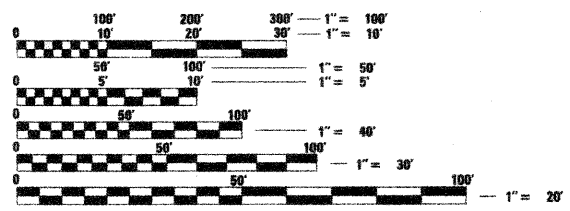
THIS IMPROVEMENT CONSISTS OF ROADWAY RECONSTRUCTION, STORM SEWER AND DRAINAGE STRUCTURE ADJUSTMENTS AND INSTALLATION, WATER MAIN, ROADWAY LIGHTING, TRAFFIC SIGNAL INSTALLATION, LANDSCAPING, STRIPING, AND ALL INCIDENTAL AND COLLATERAL WORK AS NECESSARY TO COMPLETE THE IMPROVEMENT SHOWN HEREIN AND AS DESCRIBED IN THE SPECIFICATIONS.

DESIGN DESIGNATION

SKOKIE BOULEVARD (U.S. 41):
 2,600 (30) ARTERIAL
 T.F. = 8.05 (COMP-20)
 DESIGN SPEED: 40 MPH
 POSTED SPEED: 35 MPH



PROJECT LENGTH (GROSS /NET)
 SKOKIE BOULEVARD (U.S. 41) 1281.59 FT (0.243 MILES)



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



David W. Block
 DAVID W. BLOCK, P.E.
 NO. 062-050966
 EXP. DATE 11/30/09

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED *Frederick D. Heath*
 Director of Engineering, Village of Skokie
 LOCAL AGENCY, POSITION

PASSED *December 16, 2008*
C. H. C. Chapman
 DISTRICT # ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
 BASED ON LIMITED
 REVIEW *December 17, 2008*
Diane M. O'Keefe
 DEPUTY DIRECTOR OF HIGHWAYS, REGION # ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CONTRACT NO. 63049

IDOT FEDERAL AID DESIGN ENGINEER
 KEVIN STALLWORTH 847/705-4169

1051 PERIMETER DRIVE, SUITE 1025
 SCHAMBERG, ILLINOIS 60173
 (847) 605-9600



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	2
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

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STD. NO.	DESCRIPTION
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001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
353001-04	PCC BASE COURSE WITH HMA CONCRETE BINDER AND SURFACE COURSES
420001-07	PAVEMENT JOINTS
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604086-02	FRAME AND GRATE, TYPE 23
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
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701601-06	URBAN LANE CLOSURE, MULTI-LANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
701602-04	URBAN LANE CLOSURE, MULTI-LANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
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720011-01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
729001-01	APPLICATIONS OF TYPE A AND B METAL POSTS (FOR SIGNS AND MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
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814006-02	DOUBLE HANDHOLES
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862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
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877006-03	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
877011-04	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-07	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLTION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

PLOT DATE = 11/13/2008
 FILE NAME = FILEL08
 USER NAME = BUSBYR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
**INDEX OF SHEETS AND
 STATE STANDARDS**
 DATE 11-14-08
 DRAWN BY CEC
 CHECKED BY DWB
 NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	3
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		

GENERAL NOTES

VILLAGE COORDINATION:

THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF SKOKIE ENGINEER (847) 933-8231 AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. SPECIAL ATTENTION IS CALLED TO SECTION 105 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION. THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE PARKWAYS SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF SKOKIE PUBLIC WORKS DEPARTMENT AT 847-933-8231 48 HOURS PRIOR TO ANY WORK IN ORDER TO OBTAIN VILLAGE LOCATIONS. THE CONTRACTOR SHALL ALSO CONTACT THE VILLAGE OF SKOKIE PUBLIC WORKS DEPARTMENT UTILITY DIVISION AT 847-933-8277 FOR ALL WATER MAIN SHUTOFFS. UNDER NO CONDITION SHALL THE CONTRACTOR OPERATE ANY VALVES OR HYDRANTS WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL PROVIDE THE VILLAGE AND ENGINEER, PRIOR TO BEGINNING CONSTRUCTION, WITH THE NAME AND PHONE NUMBER OF A CONTACT PERSON THAT WILL BE AVAILABLE FOR QUICK RESPONSE FOR AFTER-HOURS EMERGENCIES. IF THAT PERSON DOES NOT RESPOND WITHIN 4 HOURS OF THE CALL, THEN THE VILLAGE SHALL HIRE OR USE OTHER PERSONNEL TO REMEDY THE EMERGENCY AND DEDUCT ALL COSTS INCURRED FROM THE PAYMENTS DUE THE CONTRACTOR.

PUBLIC OR PRIVATE UTILITIES:

THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE DOES NOT GUARANTEE ITS ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH FACILITIES SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS. THEIR FACILITIES MAY BE REQUIRED TO BE ADJUSTED OR RELOCATED.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY, AND SHALL RESTORE SUCH PROPERTY AT HIS OWN EXPENSE.

COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT A PRE-CONSTRUCTION CONFERENCE. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE. WHENEVER THE CONTRACTOR ENCOUNTERS FACILITIES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATION, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THE FACILITIES.

SPRINKLER SYSTEMS DAMAGED BY THE CONTRACTOR OR IN CONFLICT WITH THE PROPOSED IMPROVEMENT SHALL BE REPAIRED OR RELOCATED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS OR SPRINKLER SYSTEM MAINTENANCE CONTRACTORS TO DETERMINE REPAIR METHODS OR RELOCATION LIMITS. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

DISPOSAL OF MATERIALS:

THE CONTRACTOR WILL BE REQUIRED TO DISPOSE OF ALL SIDEWALK, CURB AND GUTTER, PAVEMENT, AND ALL OTHER MATERIAL EXCAVATED OR REMOVED DUE TO CONSTRUCTION OPERATIONS, AT HIS EXPENSE. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM SITE ON THE DAY IT IS EXCAVATED. NO PAYMENT WILL BE MADE FOR HAULING OR TRUCKING MATERIAL TO LOCATIONS, PROVIDED BY THE CONTRACTOR, OUTSIDE THE LIMITS OF THE IMPROVEMENT.

EXISTING DRAINAGE STRUCTURES:

DURING CONSTRUCTION OPERATIONS, WHENEVER ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED BY THE CONTRACTOR AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

DRAINAGE STRUCTURE ADJUSTMENT AND RECONSTRUCTION:

ONLY PRECAST CONCRETE ADJUSTMENT RINGS WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED.

MAINTAINING DRAINAGE:

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION (SPECIAL).

FRAMES AND GRATES:

FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST. ALL FRAMES, GRATES, LIDS AND BOXES REMOVED FROM EXISTING WATER SERVICE OR SEWER STRUCTURES WHICH ARE TO BE ABANDONED OR ADJUSTED WITH A NEW OR DIFFERENT FRAME AND LID SHALL BECOME THE PROPERTY OF THE VILLAGE OF SKOKIE.

ANY OF THESE ITEMS WHICH ARE DAMAGED OR BROKEN DURING HANDLING SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR SALVAGING THESE EXISTING FRAMES, GRATES, LIDS, OR BOXES, STOCKPILING THEM ON THE JOB SITE, AND DELIVERING THEM TO THE MAINTENANCE FACILITY OF THE VILLAGE OF SKOKIE. THE CONTRACTOR SHALL NOTIFY THE VILLAGE 24 HOURS PRIOR TO DELIVERY.

TYPE 1 FRAME, CLOSED LID:

A QUANTITY OF 5 TYPE 1 FRAMES WITH OPEN LIDS AND 5 TYPE 1 FRAMES WITH CLOSED LIDS HAVE BEEN INCLUDED TO REPLACE FRAMES AND LIDS WHICH ARE BROKEN OR BREAK DURING MILLING OPERATIONS. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY STORM SEWER MANHOLE SHALL HAVE THE WORD "STORM" CAST INTO THE LID. ALL WATER VALVE VAULTS FURNISHED AS A PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION SHALL HAVE THE WORD "WATER" CAST INTO THE LID AND ALL SANITARY MANHOLES FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION SHALL HAVE THE WORD "SANITARY" CAST INTO THE LID.

SAW CUTS:

ALL SAW CUTS REQUIRED DUE TO CONSTRUCTION STAGING SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL. ALL SAW CUTS REQUIRED FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THAT ITEM.

DRIVEWAYS:

LOCAL ACCESS FOR RESIDENTS AND BUSINESS SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO ALL ADJUTING PROPERTIES DURING CONSTRUCTION OPERATIONS EXCEPT FOR A MAXIMUM PERIOD OF 4 CALENDAR DAYS AFTER NEW CONCRETE CURB, DRIVEWAY PAVEMENT OR SIDEWALK IS POURED. BUSINESSES SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THIS PERIOD.

CURB AND GUTTER:

TRANSITIONS FROM EXISTING TO PROPOSED CURB AND GUTTER OR FROM PROPOSED CURB AND GUTTER OF ONE TYPE TO ANOTHER SHALL BE OVER A 10' LENGTH AND PAID FOR WITH THE CURB AND GUTTER TYPE HAVING THE HIGHER UNIT PRICE.

CLASS C PATCHES:

FOR PATCHES EXCEEDING 20 FEET IN LENGTH THE LONGITUDINAL JOINT TIE BARS WILL BE REQUIRED AND SHALL BE INCLUDED IN THE COST OF CLASS C PATCHES, 9" OF THE TYPE SPECIFIED.

WATER:

THE CONTRACTOR MUST OBTAIN A FIRE HYDRANT PERMIT FROM THE VILLAGE IN ORDER TO OBTAIN ACCESS TO MUNICIPAL WATER. THE CONTRACTOR WILL BE REQUIRED TO SUPPLY THEIR OWN RPZ BACKFLOW PREVENTOR WHEN ACCESSING MUNICIPAL WATER. THE CONTRACTOR CAN PICK UP A VILLAGE ISSUED HYDRANT METER AT THE VILLAGE PUBLIC WORKS LOCATED AT 9050 GROSS POINT ROAD. CONTACT (847) 933-8277. A \$1,000 DEPOSIT (CASH, CHECK, VISA, OR MASTERCARD) IS REQUIRED BEFORE A VILLAGE HYDRANT METER WILL BE ISSUED. THE DEPOSIT WILL BE REFUNDED IF THE METER IS RETURNED IN GOOD CONDITION.

THE CONTRACTOR SHALL NOTIFY THE WATER & SEWER DIVISION SUPERINTENDENT JEAN SCHER AT (847) 933-8277 48 HOURS PRIOR TO ANY FIRE HYDRANT OR WATER MAIN WORK.

MWRD NOTES:

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).
2. THE ELEVATION DATUM IS USGS.
3. THERE ARE NO FLOOR DRAINS ON THIS PROJECT.
4. THERE ARE NO FOOTING DRAINS OR DOWNSPOUTS ON THIS PROJECT.
5. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO:

PIPE MATERIAL SPEC. JOINT SPEC.

<u>VITRIFIED CLAY PIPE</u>	
VCP C-700	C-425
VCP (NO BEL) C-700	
JOINT	C-425
COLLAR	D-1784
<u>CONCRETE PIPE C-14</u>	
RCP C-76	C-443
ACP C-428	C-443
	D-1869
<u>ABS SEWER PIPE</u>	
SOLID WALL 6" DIA. SDR 23.5	
ABS D-2751	D-2751
<u>ABS COMPOSITE/TRUSS PIPE</u>	
8"-15" DIA.	
ABS D-2680	D-2680
<u>PVC GRAVITY SEWER PIPE</u>	
6"-15" DIA. SDR 26	
D-3034	D-3212 OR D-2855
18"-27" DIA. F/DY=46	
F-679	D-3212 OR D-2855
CISP A-74	C-564
DIP A-21.51	A-21.11

(NOTE: THE MWRD HAS APPROVED LESS COMMON PIPE MATERIALS ON A QUALIFIED BASIS IN ADDITION TO THOSE ABOVE. PLEASE CONTACT THE DISTRICT IF CONSIDERING USING PIPE NOT LISTED ABOVE.)

6. ALL STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS, REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
7. "BAND SEAL" OR SIMILAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR MATERIALS.
8. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED: (SEE MWRDGC DETAILS)
 1. CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE.
 2. REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
 3. WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
9. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATER MAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATER MAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CAN NOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS.
10. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
11. RESILIENT CONNECTORS CONFORMING TO ASTM C-923, SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES. RESILIENT CONNECTORS CONFORMING TO ASTM C-443 SHALL BE PROVIDED BETWEEN PRECAST MANHOLE AND CATCH BASIN SECTIONS.

NOTE: BOXED ITEMS ARE INCIDENTAL ITEMS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)

GENERAL NOTES

DATE 11-14-08
DRAWN BY CEC
CHECKED BY DWB
NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	4
STA.	TO STA.			
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES				1000-2A ROADWAY SKOKIE 70% STU 30% STATE	1000-2A ROADWAY IN-LINE DETENTION 70% STU \$40K STATE 30%-\$40K LA	Y030-1E LIGHTING SKOKIE 70% STU 30% LA	Y031-1F SIGNALS FOSTER 70% STU 15% STATE 15% LA	Y031-1F SIGNALS GOLF 70% STU 30% STATE	Y031-1F SIGNALS SOUTH MALL ENTRANCE 70% STU 30% STATE	Y031-1F SIGNALS INTERCONNECT 70% STU 30% STATE	Y060 WATER SKOKIE NON-PART 100% LA	Y031-1F SIGNALS EMERGENCY VEHICLE PREEMPTION 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY									
20100110	* TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12		12							
20100210	* TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	17		17							
20101000	TEMPORARY FENCE	FOOT	1,440		1,440							
20101200	* TREE ROOT PRUNING	EACH	36		36							
20101300	* TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	36		36							
20200100	EARTH EXCAVATION	CU YD	7,437		7,437							
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,029		1,029							
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	600		600							
20800150	TRENCH BACKFILL	CU YD	4,026		550	3,050					426	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,800		1,800							
21101615	* TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,601		1,601							
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	200		200							
25000400	* NITROGEN FERTILIZER NUTRIENT	POUND	20		20							
25000500	* PHOSPHORUS FERTILIZER NUTRIENT	POUND	20		20							
25000600	* POTASSIUM FERTILIZER NUTRIENT	POUND	20		20							
25101504	* WOOD CHIP MULCH 4"	SQ YD	50		50							
25200110	* SODDING, SALT TOLERANT	SQ YD	1,601		1,601							
25200200	* SUPPLEMENTAL WATERING	UNIT	14		14							
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	33		33							
28000400	PERIMETER EROSION BARRIER	FOOT	300		300							
28000510	INLET FILTERS	EACH	63		63							
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,879		1,879							
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	19,700		19,700							
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	14,323		14,323							
35301200	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	3,073		3,073							
35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	178		178							
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	39		39							
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4,510		4,510							
40600300	AGGREGATE (PRIME COAT)	TON	90		90							
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	215		215							
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	202		202							
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	166		24	68					74	
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	2,275		2,275							
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	5		5							

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SUMMARY OF QUANTITIES
 DATE 11-14-08
 DRAWN BY CEC
 CHECKED BY DWB
 NOT TO SCALE

PLOT DATE = 11/14/2008
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	5
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT	

SUMMARY OF QUANTITIES				1000-2A ROADWAY SKOKIE 70% STU 30% STATE	1000-2A ROADWAY IN-LINE DETENTION 70% STU \$40K STATE 30%-\$40K LA	Y030-1E LIGHTING SKOKIE 70% STU 30% LA	Y031-1F SIGNALS FOSTER 70% STU 15% STATE 15% LA	Y031-1F SIGNALS GOLF 70% STU 30% STATE	Y031-1F SIGNALS SOUTH MALL ENTRANCE 70% STU 30% STATE	Y031-1F SIGNALS INTERCONNECT 70% STU 30% STATE	Y060 WATER SKOKIE NON-PART 100% LA	Y031-1F SIGNALS EMERGENCY VEHICLE PREEMPTION 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY									
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	2,211	2,211								
42001300	PROTECTIVE COAT	SQ YD	4,633	4,633								
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	72	72								
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	16,252	16,252								
42400800	DETECTABLE WARNINGS	SQ FT	262	262								
44000100	PAVEMENT REMOVAL	SQ YD	16,342	16,342								
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	5,009	5,009								
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	91	91								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,318	3,318								
44000600	SIDEWALK REMOVAL	SQ FT	12,953	12,953								
44003100	MEDIAN REMOVAL	SQ FT	15,975	15,975								
44002220	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5"	SQ YD	579	84	238						257	
44201337	CLASS C PATCHES, TYPE I, 9 INCH	SQ YD	4	4								
44201341	CLASS C PATCHES, TYPE II, 9 INCH	SQ YD	16	16								
44201345	CLASS C PATCHES, TYPE III, 9 INCH	SQ YD	71	32							39	
44201347	CLASS C PATCHES, TYPE IV, 9 INCH	SQ YD	489	33	238						218	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	451	451								
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	186	186								
550A0830	STORM SEWERS, CLASS A, TYPE 3 78"	FOOT	609		609							
550A1050	STORM SEWERS, CLASS A, TYPE 4 36"	FOOT	70		70							
55100300	STORM SEWER REMOVAL 8"	FOOT	185	185								
55100500	STORM SEWER REMOVAL 12"	FOOT	83	83								
56100600	* WATER MAIN 6"	FOOT	115								115	
56100700	* WATER MAIN 8"	FOOT	95								95	
56100900	* WATER MAIN 12"	FOOT	747								747	
56105000	* WATER VALVES 8"	EACH	1								1	
56105200	* WATER VALVES 12"	EACH	2								2	
56106600	* ADJUSTING WATER MAIN 12"	FOOT	60	60								
56400500	* FIRE HYDRANTS TO BE REMOVED	EACH	4								4	
56400820	* FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	4								4	
60107600	PIPE UNDERDRAINS 4"	FOOT	340	340								
60201330	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	28	28								
60203240	CATCH BASINS, TYPE A, SPECIAL, 4"-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	3	3								
60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	8	8								

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SUMMARY OF QUANTITIES
 DATE 11-14-08
 DRAWN BY CEC
 CHECKED BY DWB

PLOT DATE = 11/14/2008
 FILE NAME = WFILEL8
 USER NAME = RUSERS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	6
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES					I000-2A ROADWAY SKOKIE 70% STU 30% STATE	I000-2A ROADWAY IN-LINE DETENTION 70% STU \$40K STATE 30%-\$40K LA	Y030-1E LIGHTING SKOKIE 70% STU 30% LA	Y031-1F SIGNALS FOSTER 70% STU 15% STATE 15% LA	Y031-1F SIGNALS GOLF 70% STU 30% STATE	Y031-1F SIGNALS SOUTH MALL ENTRANCE 70% STU 30% STATE	Y031-1F SIGNALS INTERCONNECT 70% STU 30% STATE	Y060 WATER SKOKIE NON-PART 100% LA	Y031-1F SIGNALS EMERGENCY VEHICLE PREEMPTION 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY										
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		2								
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1								
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1										
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	13		13								
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2									2	
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3									3	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	16		16								
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1		1								
60255500	MANHOLES TO BE ADJUSTED	EACH	6		6								
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	5		5								
60260050	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	3		3								
60260100	INLETS TO BE ADJUSTED	EACH	2		2								
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	20		20								
60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	1		1								
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	10		10								
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	5		5								
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	5		5								
60500040	REMOVING MANHOLES	EACH	2		2								
60500050	REMOVING CATCH BASINS	EACH	12		12								
60500060	REMOVING INLETS	EACH	18		18								
60500080	REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	2		2								
60500105	FILLING MANHOLES	EACH	1		1								
60500405	FILLING VALVE VAULTS	EACH	3									3	
60601005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	508		508								
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,609		1,609								
60604200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	335		335								
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	40		40								
60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	1,361		1,361								
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	12,285		12,285								
60624600	CORRUGATED MEDIAN	SQ FT	1,995		1,995								
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	1		1								
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10		10								
67100100	MOBILIZATION	L SUM	1		1								
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		1								

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)

SUMMARY OF QUANTITIES

DATE 11-14-08
DRAWN BY CEC
CHECKED BY DWB

PLOT DATE = 11/14/2008
PLOT TIME = 11:58:58
PLOT SCALE = AS SHOWN
USER NAME = RUSSELL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	7
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES					1000-2A ROADWAY SKOKIE 70% STU 30% STATE	1000-2A ROADWAY IN-LINE DETENTION 70% STU \$40K STATE 30%-\$40K LA	Y030-1E LIGHTING SKOKIE 70% STU 30% LA	Y031-1F SIGNALS FOSTER 70% STU 15% STATE 15% LA	Y031-1F SIGNALS GOLF 70% STU 30% STATE	Y031-1F SIGNALS SOUTH MALL ENTRANCE 70% STU 30% STATE	Y031-1F SIGNALS INTERCONNECT 70% STU 30% STATE	Y060 WATER SKOKIE NON-PART 100% LA	Y031-1F SIGNALS EMERGENCY VEHICLE PREEMPTION 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY										
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12		12								
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,588		1,588								
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	7,191		7,191								
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	174,666		174,666								
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	18,555		18,555								
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	876		876								
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	3,396		3,396								
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	26,741		26,741								
72000100	* SIGN PANEL - TYPE 1	SQ FT	175.0		175.0								
72000200	* SIGN PANEL - TYPE 2	SQ FT	18.8		18.8								
72400100	* REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	9		9								
72400500	* RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1		1								
72900100	* METAL POST - TYPE A	FOOT	225		225								
72900200	* METAL POST - TYPE B	FOOT	119.5		119.5								
78008200	* POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	1,092		1,092								
78008210	* POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	3,763		3,763								
78008230	* POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	6,306		6,306								
78008240	* POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	400		400								
78008250	* POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	117		117								
78008270	* POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	626		626								
78100100	* RAISED REFLECTIVE PAVEMENT MARKER	EACH	455		455								
78300100	PAVEMENT MARKING REMOVAL	SQ FT	3,417		3,417								
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	363		363								
81000600	* CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	2,509				42	817	318	1,332			
81000700	* CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	109					109					
81000800	* CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	54				43	11					
81001000	* CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	14				4	10					
81018500	* CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	2,246			1,205	564	477					
81018900	* CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	1,000				416	584					
81400100	* HANDHOLE	EACH	13			1	4	7	1				
81400200	* HEAVY-DUTY HANDHOLE	EACH	9				4	4	1				
81400300	* DOUBLE HANDHOLE	EACH	4				2	2					
81603090	* UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	4,158			4,158							
81603160	* UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (EPR-TYPE RHW), 1" DIA. POLYETHYLENE	FOOT	937			937							

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)

SUMMARY OF QUANTITIES

DATE 11-14-08
DRAWN BY CEC
CHECKED BY DWB

PLOT DATE = 11/14/2008
FILE NAME = ILL1111.P
PLOT SCALE = 1:1
USER NAME = RUSERS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	8
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES				1000-2A ROADWAY SKOKIE 70% STU 30% STATE	1000-2A ROADWAY IN-LINE DETENTION 70% STU \$40K STATE 30%-\$40K LA	Y030-1E LIGHTING SKOKIE 70% STU 30% LA	Y031-1F SIGNALS FOSTER 70% STU 15% STATE 15% LA	Y031-1F SIGNALS GOLF 70% STU 30% STATE	Y031-1F SIGNALS SOUTH MALL ENTRANCE 70% STU 30% STATE	Y031-1F SIGNALS INTERCONNECT 70% STU 30% STATE	Y060 WATER SKOKIE NON-PART 100% LA	Y031-1F SIGNALS EMERGENCY VEHICLE PREEMPTION 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY									
81702150	* ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	20			20						
81800200	* AERIAL CABLE, 2-1/C NO. 4 WITH MESSENGER WIRE	FOOT	4,595			4,595						
81900200	* TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	6,236			2,889	96	1,601	318	1,332		
83009600	* LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	EACH	16			16						
83057300	* LIGHT POLE, WOOD, 55 FOOT, CLASS 3	EACH	12			12						
83057305	* LIGHT POLE, WOOD, 55 FOOT, CLASS 3, WITH 15FT MAST ARM	EACH	16			16						
83600200	* LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	128			128						
84200500	* REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	18			18						
84200700	* LIGHTING FOUNDATION REMOVAL	EACH	19			19						
84400105	* RELOCATE EXISTING LIGHTING UNIT	EACH	1			1						
84500110	* REMOVAL OF LIGHTING CONTROLLER	EACH	1			1						
85000200	* MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4						1	3		
85700205	* FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2				1	1				
86000100	* MASTER CONTROLLER	EACH	1							1		
86400100	* TRANSCEIVER - FIBER OPTIC	EACH	2							2		
87301215	* ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,333				637	1,696				
87301225	* ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,877				1,964	1,913				
87301245	* ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4,488				2,080	2,408				
87301255	* ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,853				815	2,038				
87301305	* ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5,057				3,543	1,514				
87301805	* ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	298				73	225				
87702810	* STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16 FT.	EACH	2					2				
87702830	* STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.	EACH	1					1				
87702850	* STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1					1				
87702950	* STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	2					2				
87702990	* STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	2					2				
87704320	* STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 24 FT. AND 32 FT.	EACH	1				1					
87800150	* CONCRETE FOUNDATION, TYPE C	FOOT	8				4	4				
87800415	* CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	180				60	120				
87900200	* DRILL EXISTING HANDHOLE	EACH	6						2	4		
88030020	* SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	20				10	10				
88030110	* SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	12				4	8				
88102717	* PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8					8				
88102747	* PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4				4					

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)

SUMMARY OF QUANTITIES

PLOT DATE = 11/14/2008
PLOT SCALE = AS SHOWN
USER NAME = RUSER88

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	9
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		

SUMMARY OF QUANTITIES					1000-2A ROADWAY SKOKIE 70% STU 30% STATE	1000-2A ROADWAY IN-LINE DETENTION 70% STU \$40K STATE 30%-\$40K LA	Y030-1E LIGHTING SKOKIE 70% STU 30% LA	Y031-1F SIGNALS FOSTER 70% STU 15% STATE 15% LA	Y031-1F SIGNALS GOLF 70% STU 30% STATE	Y031-1F SIGNALS SOUTH MALL ENTRANCE 70% STU 30% STATE	Y031-1F SIGNALS INTERCONNECT 70% STU 30% STATE	Y060 WATER SKOKIE NON-PART 100% LA	Y031-1F SIGNALS EMERGENCY VEHICLE PREEMPTION 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY										
88200210	* TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	32					14	18				
88500100	* INDUCTIVE LOOP DETECTOR	EACH	32					14	18				
88600100	* DETECTOR LOOP, TYPE I	FOOT	3,581					997	916	1,668			
88700200	* LIGHT DETECTOR	EACH	6										6
88700300	* LIGHT DETECTOR AMPLIFIER	EACH	2										2
88800100	* PEDESTRIAN PUSH-BUTTON	EACH	12					4	8				
89000100	* TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3					1	1	1			
89502350	* REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	318								318		
89502375	* REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2					1	1				
89502380	* REMOVE EXISTING HANDHOLE	EACH	30					12	16	2			
89502385	* REMOVE EXISTING CONCRETE FOUNDATION	EACH	22					10	12				
A2000616	* TREE, ACER PLATANOIDES (NORWAY MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6									
A2002916	* TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1									
A2004616	* TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1									
B2003416	* TREE, MALUS FLORIBUNDA (JAPANESE FLOWERING CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	1	1									
D2002788	* EVERGREEN, PINUS NIGRA (AUSTRIAN PINE), 8' HEIGHT, BALLED AND BURLAPPED	EACH	2	2									
X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	11	11									
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	649	649									
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	140.3	140.3									
X0322925	* ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4,993.0								4,993		
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	189	189									
X0323927	* MAINTENANCE OF LIGHTING SYSTEM	EACH	1					1					
X0324387	* LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	28					28					
X0325705	* RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2								2		
X0325737	* TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2						1	1			
X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	200	200									
X0325837	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	100	100									
X0325840	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	50	50									
X0325841	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 24 INCH	FOOT	200	200									
X0325842	WET REFLECTIVE TEMPORARY TAPE, TYPE III, LETTERS AND SYMBOLS	SQ FT	200	200									
X0712400	TEMPORARY PAVEMENT	SQ YD	2,823	2,823									
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3	3									
X6020098	MANHOLES, TYPE A, 9"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3			3							
X8050010	* SERVICE INSTALLATION - GROUND MOUNTED	EACH	3					1	1	1			

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)

SUMMARY OF QUANTITIES

DATE 11-14-08
DRAWN BY
CHECKED BY

PLOT DATE = 11/14/2008
PLOT FILE = 63049.DWG
PLOT SCALE = AS SHOWN
USER NAME = AUSER8

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	10
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT	

SUMMARY OF QUANTITIES				1000-2A ROADWAY SKOKIE 70% STU 30% STATE	1000-2A ROADWAY IN-LINE DETENTION 70% STU \$40K STATE 30%-\$40K LA	Y030-1E LIGHTING SKOKIE 70% STU 30% LA	Y031-1F SIGNALS FOSTER 70% STU 15% LA	Y031-1F SIGNALS GOLF 70% STU 30% STATE	Y031-1F SIGNALS SOUTH MALL ENTRANCE 70% STU 30% STATE	Y031-1F SIGNALS INTERCONNECT 70% STU 30% STATE	Y060 WATER SKOKIE NON-PART 100% LA	Y031-1F SIGNALS EMERGENCY VEHICLE PREEMPTION 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY									
X8210015	* TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, 400 WATT	EACH	16			16						
X8210451	* LUMINAIRE, STREET LIGHTING, HIGH PRESSURE SODIUM VAPOR, 400 WATT, 240 VOLT	EACH	16			16						
X8250090	* COMBINATION POLE LIGHTING CONTROLLER	EACH	2			2						
X8710020	* FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	5,113							5,113		
X8730027	* ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1,771				465	1,306				
X8730250	* ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1,299									1,299
X8900010	* TEMPORARY TRAFFIC SIGNAL INTERCONNECT	EACH	2							2		
XX000613	MODULAR BLOCK RETAINING WALL	SO FT	1,195	1,195								
XX002113	* TEMPORARY LIGHTING CONTROLLER	EACH	1			1						
XX002948	TEMPORARY ACCESS WALK	EACH	15	15								
XX003451	* LIGHTING CONTROLLER, PAD MOUNTED	EACH	1			1						
XX003668	PRECONSTRUCTION VIDEO TAPING	L SUM	1	1								
X8620020	* UNINTERRUPTABLE POWER SUPPLY	EACH	2				1	1				
XX006937	* GROUND ROD, 5/8" DIA. X 10 FT.	EACH	16			16						
B2005716	* TREE, PYRUS CALLERYANA "CHANTICLEER", (C (CHANTICLEER FLOWERING PEAR), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6								
Z0004900	BITUMINOUS MIXTURE FOR PATCHING POTHoles (HOT MIX)	TON	20	20								
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1								
Z0019600	DUST CONTROL WATERING	UNIT	100	100								
Z0045000	* PRESSURE CONNECTION 12" X 6"	EACH	1								1	
Z0045002	* PRESSURE CONNECTION 12" X 8"	EACH	1								1	
Δ Z0076600	TRAINEES	HOUR	2,000	2,000								
X6020102	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1			1						
X6020101	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID (SPECIAL)	EACH	1			1						
XX007382	* CUT AND CAP EXISTING WATER MAIN, 6"	EACH	2								2	
XX006886	* CUT AND CAP EXISTING WATER MAIN, 8"	EACH	2								2	
XX004707	* CONNECTION TO EXISTING WATER MAIN, 4"	EACH	1								1	
X0324440	* CONNECTION TO EXISTING WATER MAIN, 8"	EACH	2								2	
XX005733	* CONNECTION TO EXISTING WATER MAIN, 12"	EACH	1								1	
X8770415	* STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 18 FT. AND 38 FT.	EACH	1					1				
X8770420	* STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 22 FT. AND 54 FT.	EACH	1					1				
X8770425	* STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 30 FT. AND 54 FT.	EACH	1					1				

Δ Y080
 * SPECIALTY ITEM

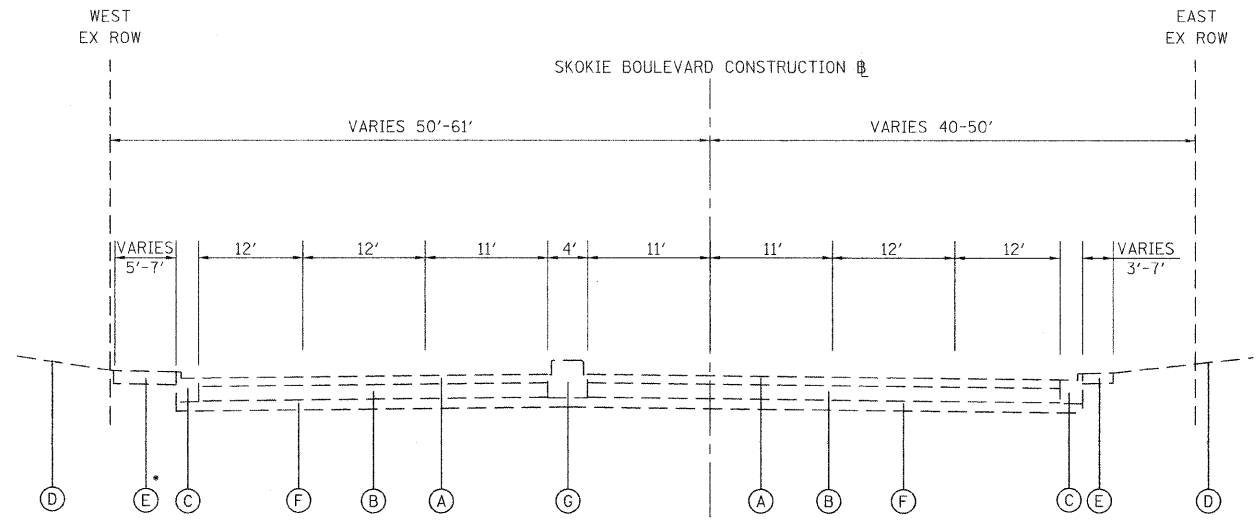
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SUMMARY OF QUANTITIES

DATE 11-14-08
 DRAWN BY
 CHECKED BY

PLOT DATE = 11/14/2008
 FILE NAME = I:\PROJECTS\63049\63049.DWG
 PLOT SCALE = AS SHOWN
 USER NAME = JUSER

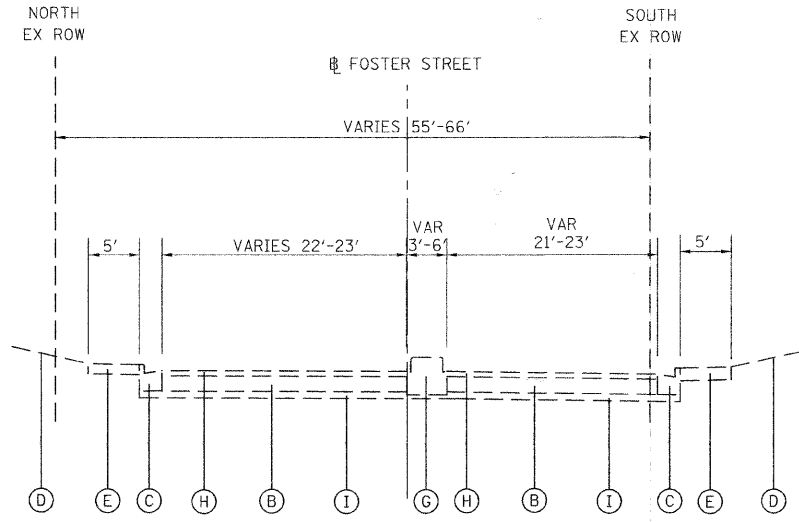
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350 00-00242-00-CH		COOK	129	11
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



*SIDEWALK OUTSIDE EX ROW BETWEEN GOLF ROAD AND SOUTH MALL ENTRANCE

EXISTING TYPICAL SECTION

SKOKIE BOULEVARD
STATION 105+83.67 TO 118+65.26



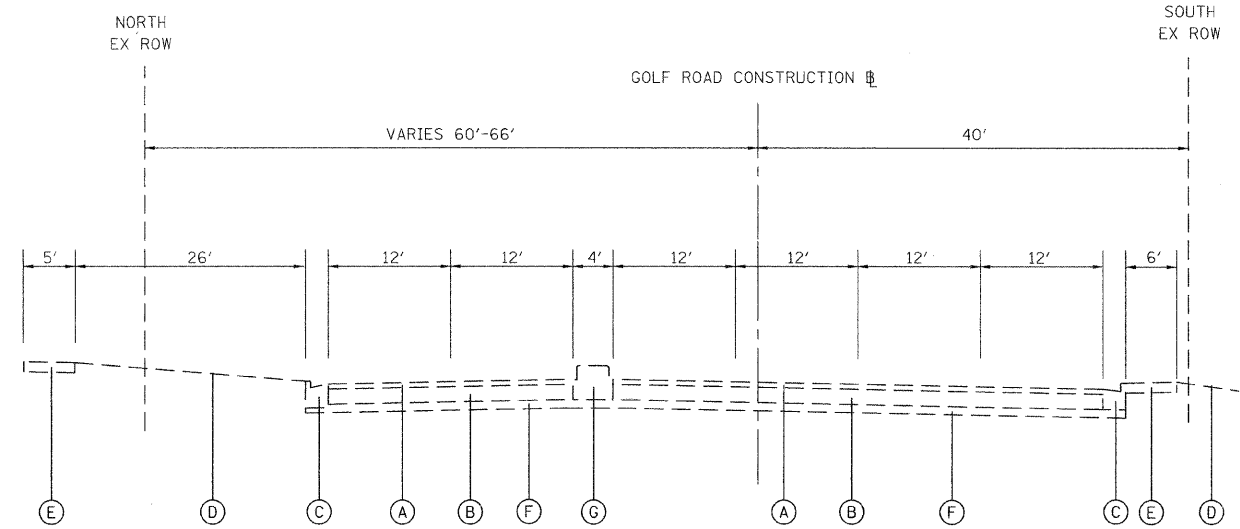
EXISTING TYPICAL SECTION

FOSTER STREET

EXISTING LEGEND

- (A) HOT-MIX ASPHALT BINDER AND SURFACE COURSES (5" AND VARIES) (TO BE REMOVED AND PAID FOR AS PAVEMENT REMOVAL)
- (B) PORTLAND CEMENT CONCRETE BASE COURSE (9" AND VARIES) (TO BE REMOVED AND PAID FOR AS PAVEMENT REMOVAL)
- (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (TO BE REMOVED AND PAID FOR AS COMBINATION CURB AND GUTTER REMOVAL)
- (D) GROUND SURFACE (ASSUME EXISTING TOPSOIL DEPTH 4")
- (E) PORTLAND CEMENT CONCRETE SIDEWALK (5") (TO BE REMOVED AS SHOWN ON PLANS AND PAID FOR AS SIDEWALK REMOVAL)
- (F) AGGREGATE BASE COURSE (6" AND VARIES) (TO BE REMOVED AND PAID FOR AS EARTH EXCAVATION) (AS SHOWN ON CROSS-SECTION)
- (G) CONCRETE BARRIER MEDIAN (TO BE REMOVED AND PAID FOR AS MEDIAN REMOVAL)
- (H) HOT-MIX ASPHALT BINDER AND SURFACE COURSES (3" AND VARIES) (TO BE REMOVED AND PAID FOR AS PAVEMENT REMOVAL)
- (I) AGGREGATE BASE COURSE (4") (TO BE REMOVED AND PAID FOR AS EARTH EXCAVATION) (AS SHOWN ON CROSS-SECTION)

NOTE: ASSUME EXISTING DRIVEWAY THICKNESS 8"



EXISTING TYPICAL SECTION

GOLF ROAD
STATION 205+00.00 TO 209+92.44

SKOKIE BOULEVARD (U.S. ROUTE 41)

STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV= 34,162	SU= 300 MU= 1,498
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= 8%	S= 37% M= 37%
TRAFFIC FACTOR:	ACTUAL TF= 8.05 AC TYPE= SBS/SBR MINIMUM TF= 4.96 PG 70-22
THICKNESS BINDER= 2.25"	SURFACE= 1.75"
PCC BASE COURSE THICKNESS= 9"	
SUBGRADE SUPPORT RATING:	SSR= POOR IBR= 3.0

REVISIONS	
NAME	DATE

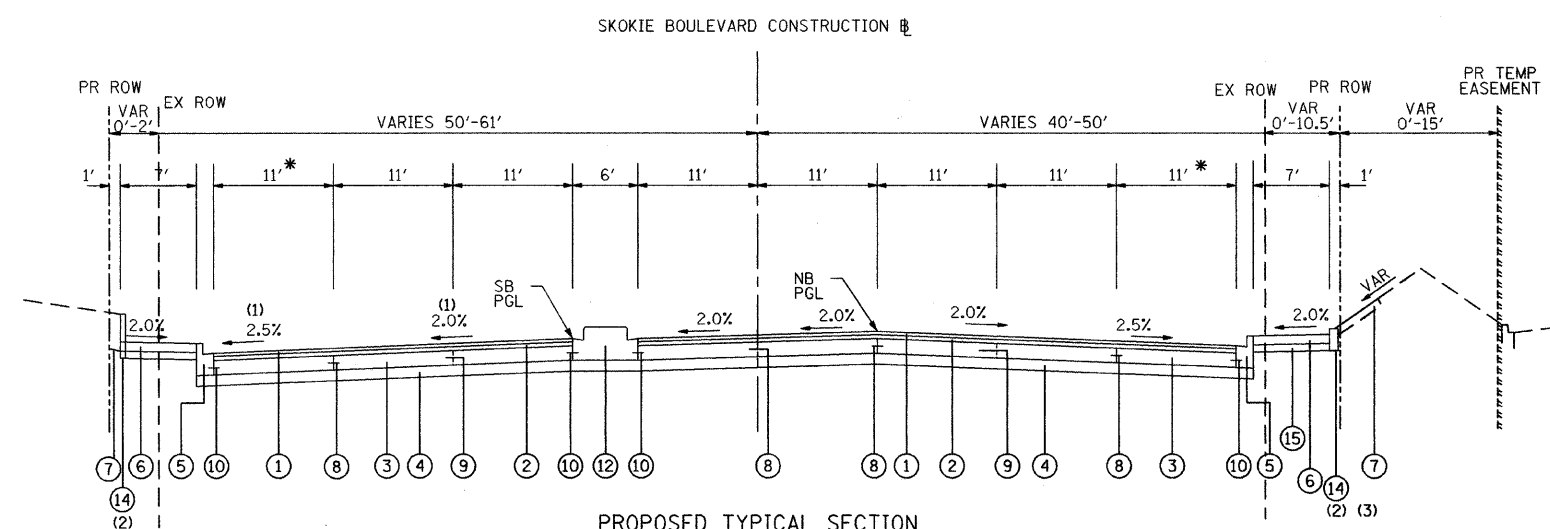
ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)

EXISTING
TYPICAL SECTIONS

DATE 11-14-08
DRAWN BY CEC
CHECKED BY DWB
NOT TO SCALE

PLOT DATE = 11/13/2008
 PLOT SCALE = 1/8"=1'-0"
 PLOT NAME = SKOKIE
 USER NAME = MUSER

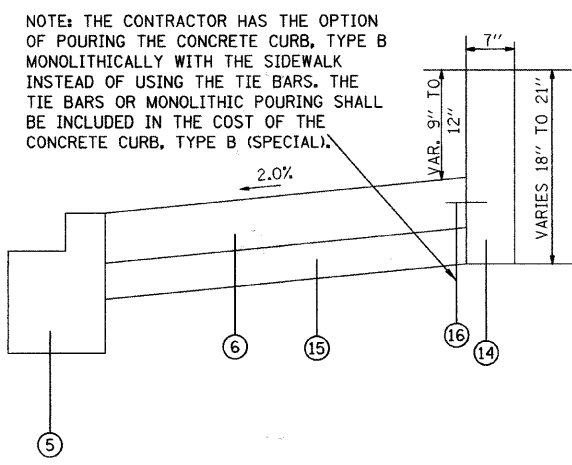
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	12
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		



PROPOSED TYPICAL SECTION

SKOKIE BOULEVARD (4)
RECONSTRUCTION (SHOWN
SOUTH OF GOLF RD.)
STATION 105+83.67 TO 118+65.26
GOLF ROAD CONSTRUCTION

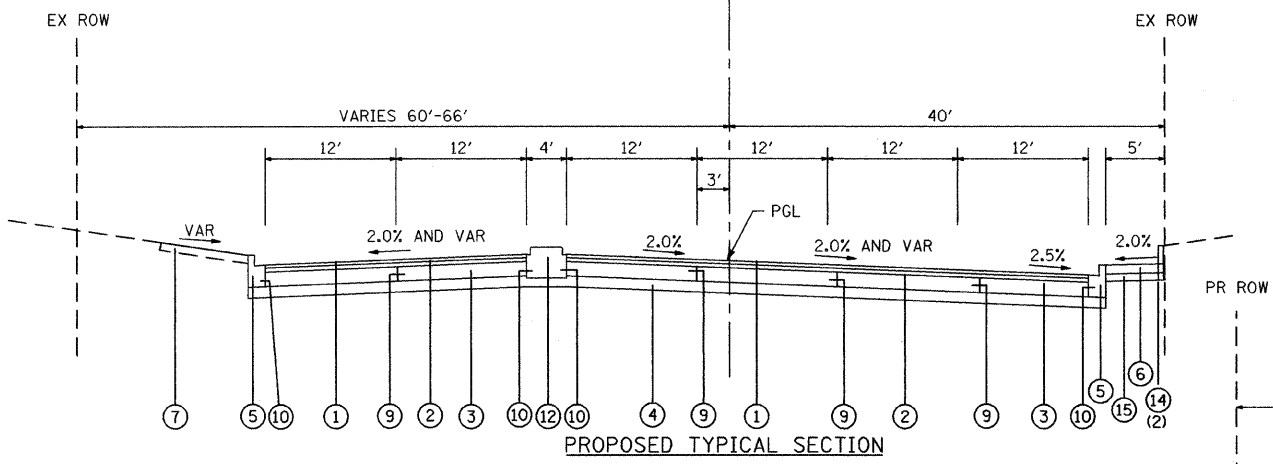
* VARIES 11' TO 12' BETWEEN FOSTER AND STATION 108+37.52 (NB) AND FOSTER AND STATION 108+77 (SB). LANES ARE 12' WIDE SOUTH OF FOSTER.



CONCRETE CURB TYPE B (SPECIAL) DETAIL

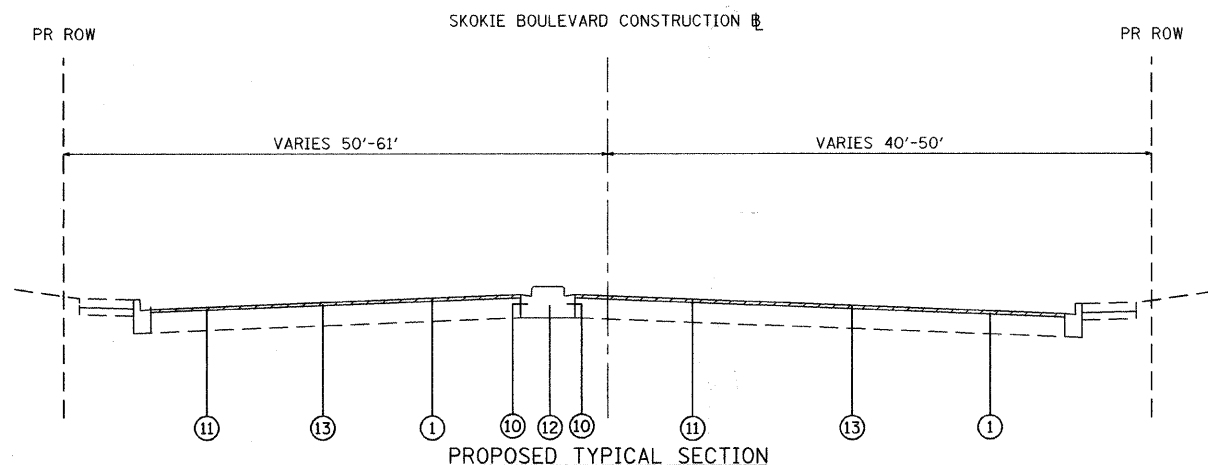
NOTES

- (1) CROSS SLOPES VARY BETWEEN FOSTER STREET AND GOLF ROAD SEE INTERSECTION DETAIL SHEETS
- (2) USE CONCRETE CURB TYPE B AS SHOWN ON PLAN AND PROFILE SHEETS
- (3) CONSTRUCT MODULAR BLOCK RETAINING WALL STA. 109+25 TO 112+53. SEE MODULAR BLOCK RETAINING WALL PLAN AND ELEVATION SHEET
- (4) SEE INTERSECTION DETAIL SHEETS FOR DETAILED PAVEMENT ELEVATIONS AND CROSS SLOPES AT INTERSECTIONS OF SKOKIE/FOSTER AND SKOKIE/GOLF
- (4) SEE INTERSECTION DETAIL SHEETS FOR DETAILED PAVEMENT VARIABLE CROSS SLOPES AND CROSS SECTIONS FOR VARIABLE SIDE SLOPES



PROPOSED TYPICAL SECTION

GOLF ROAD (4)
RECONSTRUCTION (SHOWN WEST OF SKOKIE BLVD.)
STATION 205+00.00 TO 209+92.44
FOSTER STREET CONSTRUCTION



PROPOSED TYPICAL SECTION

SKOKIE BOULEVARD
RESURFACING
STATION 103+82 TO 105+83.67
STATION 118+65.26 TO 121+00

HMA MIX REQUIREMENT CHART

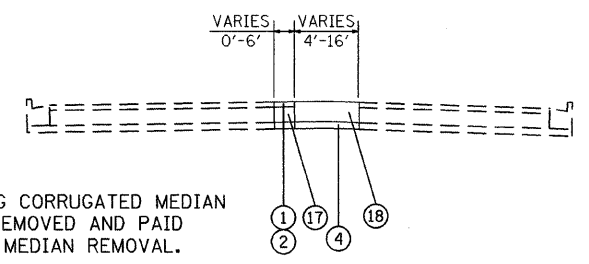
MIXTURE TYPE	AIR VOIDS @ Ndes
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5mm)	4% @ 90 GYRATIONS
POLYMERIZED HMA BINDER COURSE, IL-19.0, N90	4% @ 90 GYRATIONS
LEVELING BINDER (MACHINE METHOD), N70	4% @ 70 GYRATIONS
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19 MM)	4% @ 70 GYRATIONS
DRIVEWAYS	
HMA SURFACE COURSE, MIX "C", N50 (IL 9.5mm) 2"	4% @ 50 GYRATIONS
HMA BASE COURSE (HMA BINDER IL - 19mm) 8"	4% @ 50 GYRATIONS
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm) 2" (TEMPORARY PAVEMENT)	4% @ 50 GYRATIONS
HMA BINDER COURSE (IL - 19mm) 8" (TEMPORARY PAVEMENT)	4% @ 50 GYRATIONS
HMA BASE COURSE (BITUMINOUS MIXTURE FOR PATCHING POTHOLES)	4% @ 70 GYRATIONS

NOTES: 1.) THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2.) THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 - 1 3/4"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 - 2 1/4"
- (3) PORTLAND CEMENT CONCRETE BASE COURSE 9" (SAWED TRANSVERSE CONTRACTION CUTS, 3" DEPTH, AT 15' SPACING INCLUDED IN COST OF PCC BASE COURSE)
- (4) SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- (5) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12, TYPE B-9.12 OR TYPE B-6.12 (SPECIAL) (AS DETAILED ON PLANS)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (7) TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT
- (8) LONGITUDINAL SAWED JOINT (NO. 6 X 30" EPOXY COATED TIE BARS @ 30" CTS) (STANDARD 420001) (INCLUDED IN THE COST OF PCC BASE COURSE)
- (9) LONGITUDINAL CONSTRUCTION JOINT TIE BAR FORMED IN PLACE (NO. 6 X 30" EPOXY COATED TIE BARS @ 24" CTS) (STANDARD 420001) (INCLUDED IN THE COST OF PCC BASE COURSE)
- (10) LONGITUDINAL CONSTRUCTION JOINT TIE BAR GROUTED IN PLACE (NO. 6 X 24" EPOXY COATED TIE BARS @ 24" CTS) (STANDARD 606001) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (11) 2 1/2" HOT-MIX ASPHALT SURFACE REMOVAL
- (12) CONCRETE MEDIAN, TYPE SB-6.12
- (13) LEVELING BINDER (MACHINE METHOD) N70, 3/4"
- (14) CONCRETE CURB, TYPE B (SPECIAL) (SEE DETAIL)
- (15) SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- (16) NO. 4 X 12" EPOXY COATED TIE BARS @ 12" CTS
- (17) P.C.C. BASE COURSE WIDENING, 9"
- (18) CORRUGATED MEDIAN

NOTE: EXISTING CORRUGATED MEDIAN TO BE REMOVED AND PAID FOR AS MEDIAN REMOVAL.



PROPOSED TYPICAL SECTION

GOLF ROAD
CORRUGATED MEDIAN
STATION 210+44 TO 212+19

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)
PROPOSED TYPICAL SECTIONS

DATE 09-30-09
DRAWN BY CEC
CHECKED BY DWB

PLOT DATE = 9/28/2009
FILE NAME = 63049.DWG
PLOT SCALE = 1/8"=1'-0"
USER NAME = RUSERS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	13
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

LOCATION	REM AND DISP OF UNSUITABLE MATERIAL (TOPSOIL STRIPPING) (CU YD)			EARTH EXCAVATION (CU YD)			EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR 15% SHRINKAGE) (CU YD)			EMBANKMENT (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3
SOUTH END TO FOSTER (105+83.67 TO 106+50.00)	2	0	1	93	55	103	79	47	88	1	0	1	+78	+47	+87
FOSTER TO GOLF (106+50.00 TO 113+50.00)	124	0	9	981	536	974	834	456	828	149	40	1	+685	+416	+827
GOLF TO NORTH END (113+50.00 TO 118+65.26)	148	0	83	1,502	949	1,051	1,277	807	893	1	0	11	+1,276	+807	+882
GOLF WEST LEG (205+00.00 TO 206+50.00)	0	0	19	0	0	606	0	0	515	0	0	1	0	0	+514
GOLF EAST LEG (208+50.00 TO 209+92.44)	43	0	0	587	0	0	499	0	0	1	0	0	+498	0	0
TOTAL	317	0	112	3,163	1,540	2,734	2,689	1,310	2,324	152	40	14	+2,537	+1,270	+2,310

EARTHWORK SUMMARY OF QUANTITIES

	STAGE 1	STAGE 2	STAGE 3	TOTAL
EARTH EXCAVATION	3,163	1,540	2,734	7,437
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	317	0	112	429

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE STABILITY MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSTABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

PLOT DATE = 11/13/2008
 PLOT SCALE = 1"=50'
 USER NAME = RUSERS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
SCHEDULE OF QUANTITIES
 DATE 11-14-08
 DRAWN BY CEC
 CHECKED BY DWB
 NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	14
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		

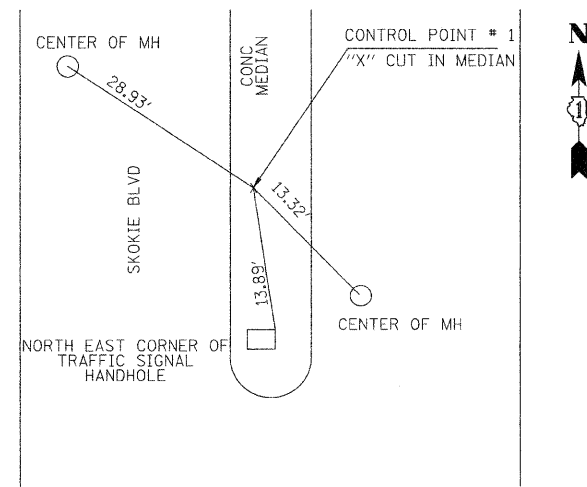
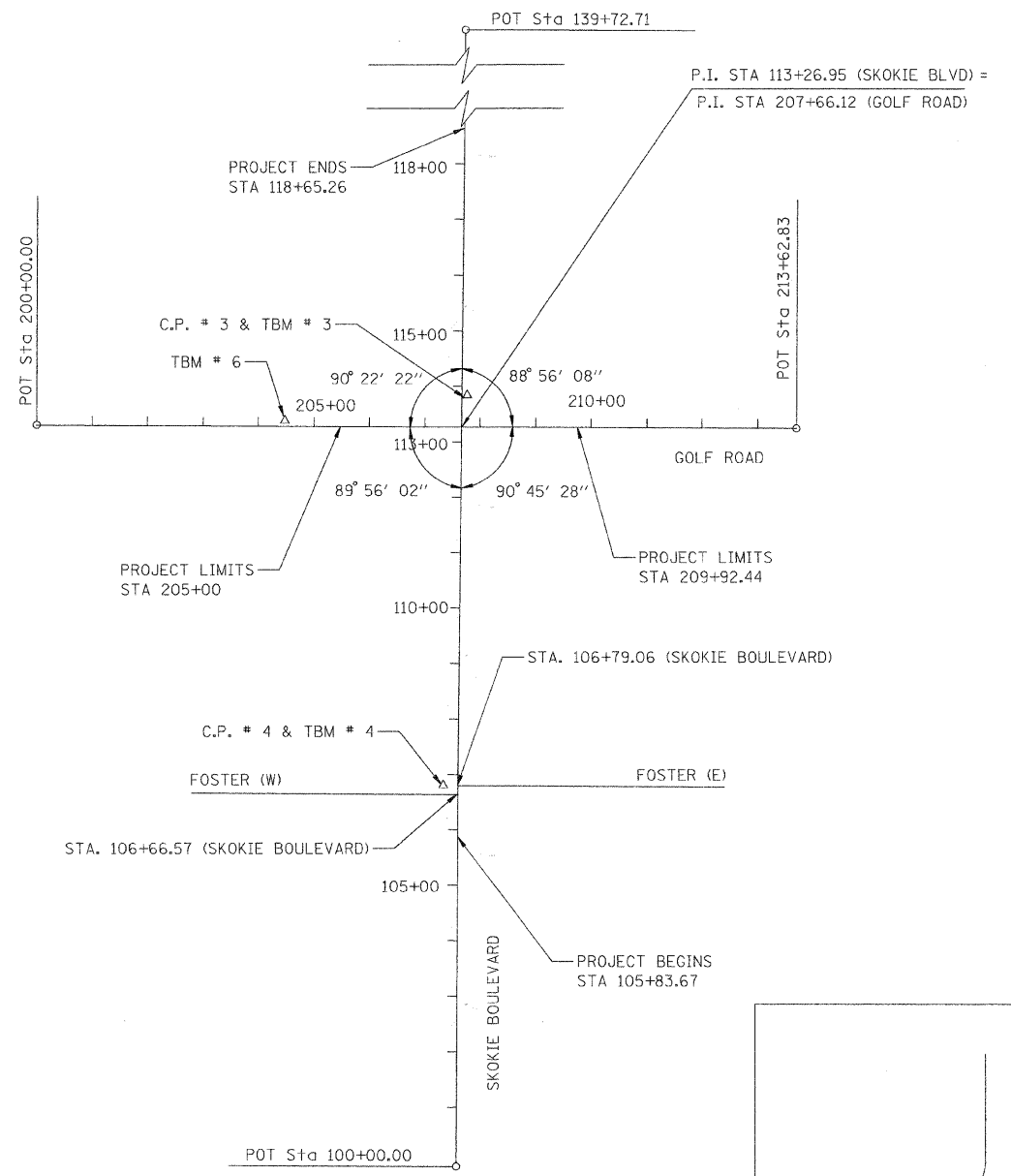
COORDINATE INFORMATION

LOCATION	STATION	NORTHING	EASTING
SKOKIE BLVD. POT	100+00.00	1961938.99	1143527.50
SKOKIE BLVD. POT	139+72.71	1965911.51	1143564.71
GOLF ROAD POT	200+00.00	1963269.48	1142769.09
GOLF ROAD POT	213+62.83	1963270.35	1144131.89
SKOKIE BLVD/ GOLF ROAD C-C	113+26.95 (SKOKIE) 207+66.12 (GOLF)	1963265.92	1143535.20
SKOKIE FOSTER (W)	106+66.57	1962605.55	1143531.37
SKOKIE FOSTER (E)	106+79.06	1962618.04	1143531.44

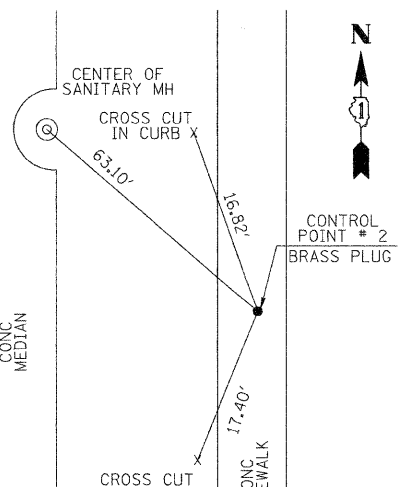
BENCHMARK SUMMARY

NAME	ELEVATION	STATION	DESCRIPTION
TBM # 1	622.77	133+21.05, 15.20' LT	"+" IN CENTER MEDIAN OF SKOKIE BLVD. 680' ± S. OF OLD ORCHARD RD
TBM # 2	631.95	122+67.92, 34.40' RT	BRASS DISC IN SIDEWALK EAST SIDE OF SKOKIE BLVD. BETWEEN SOUTH AND MIDDLE ENTRANCE TO OLD ORCHARD MALL
TBM # 3	628.58	113+76.77, 43.02' RT	BRASS DISC IN ISLAND @ NORTH EAST CORNER OF SKOKIE BLVD. AND GOLF RD. STA 113+76.77, 43.02 RT (SKOKIE) AND 208+10.06, 49.01 LT (GOLF)
TBM # 4	628.74	106+71.42, 2.82' LT	MAG NAIL C-C OF SKOKIE BLVD. AND FOSTER AVE. STA. 106+71.42, 2.82' LT
TBM # 5	627.83	119+17.12, 8.85' LT	MAG NAIL C-C OF SKOKIE BLVD. AND S. OF OLD ORCHARD MALL ENTRANCE
TBM # 6	629.82	204+47.83, 9.66' LT	"+" IN CENTER MEDIAN OF GOLF WEST OF SKOKIE BLVD. STA. 204+47.83, 9.66 LT

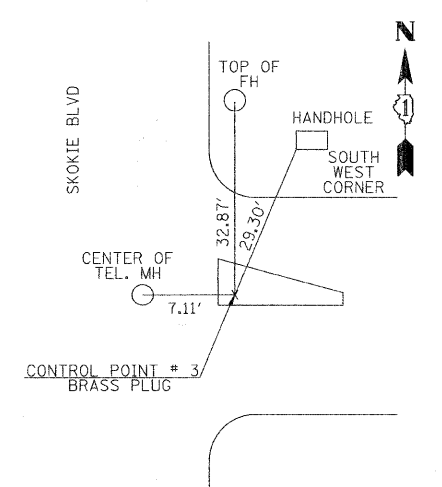
NOTE: CONTROL POINT # 3 SHALL BE REPLACED AS A PERMANENT SURVEY MARKER, TYPE II AND SHALL BE PLACED AT A LOCATION SPECIFIED BY THE ENGINEER.



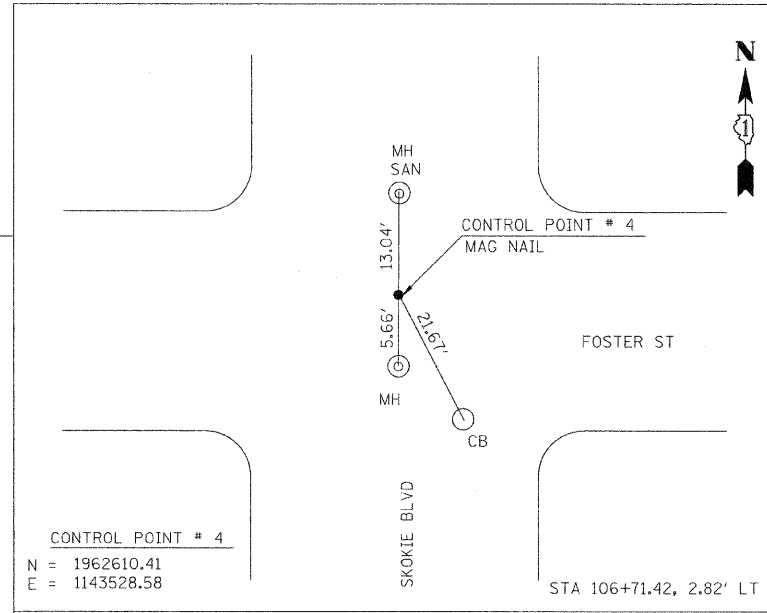
CONTROL POINT # 1
 N = 1965260.06
 E = 1143542.24
 STA 133+21.05, 15.20' LT



CONTROL POINT # 2
 N = 1964206.45
 E = 1143580.09
 STA 122+67.92, 34.40' RT



CONTROL POINT # 3
 N = 1963315.26
 E = 1143578.77
 STA 113+76.77, 43.02' RT



CONTROL POINT # 4
 N = 1962610.41
 E = 1143528.58
 STA 106+71.42, 2.82' LT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 ALIGNMENT, TIES, AND BENCHMARKS

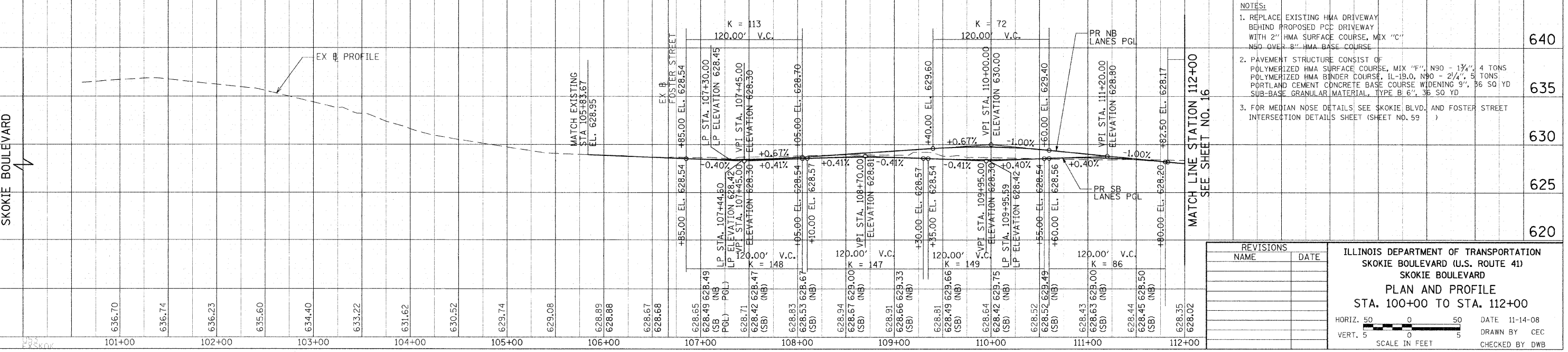
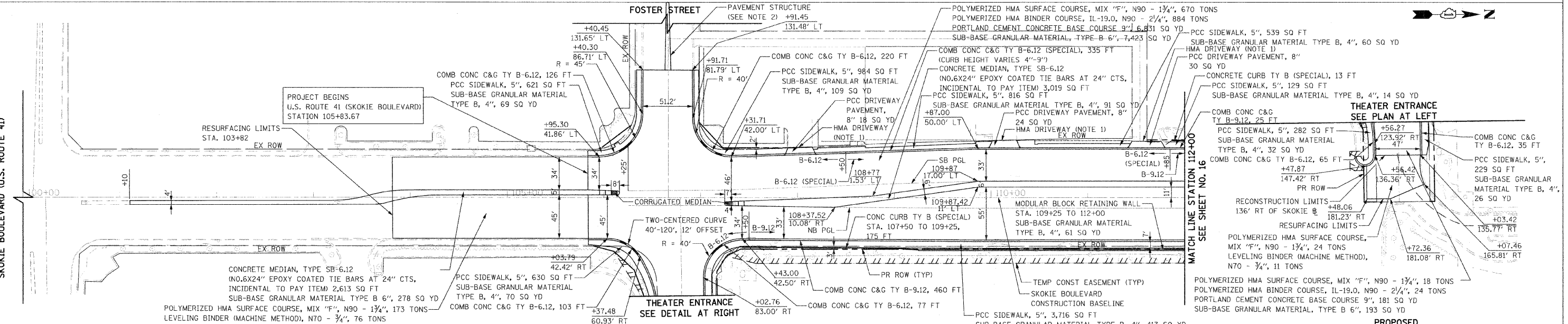
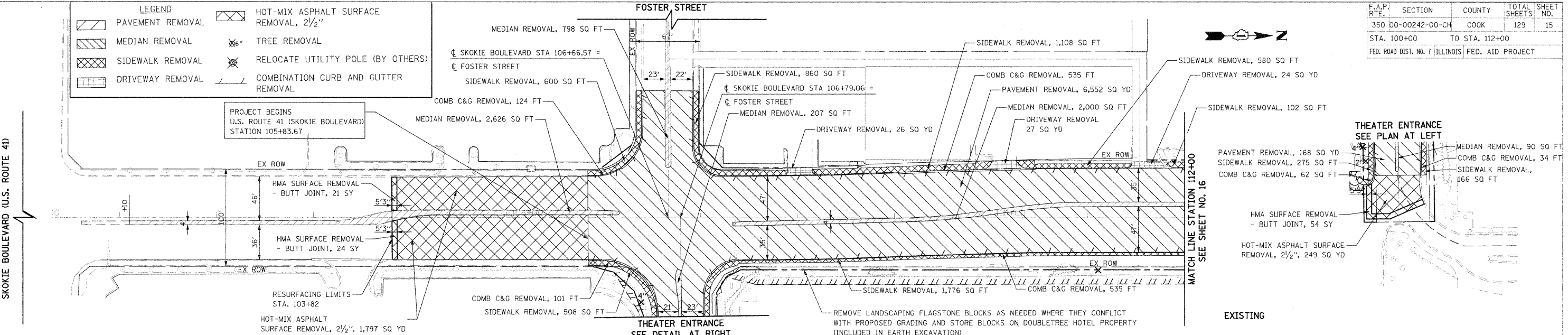
DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

PLOT DATE = 11/13/2008
 PLOT SCALE = 1"=40'
 PLOT NAME = SKOKIE
 USER NAME = MUSER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350 00-00242-00-CH		COOK	129	15
STA. 100+00		TO STA. 112+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

LEGEND

	PAVEMENT REMOVAL		HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
	MEDIAN REMOVAL		TREE REMOVAL
	SIDEWALK REMOVAL		RELOCATE UTILITY POLE (BY OTHERS)
	DRIVEWAY REMOVAL		COMBINATION CURB AND GUTTER REMOVAL



- NOTES:**
- REPLACE EXISTING HMA DRIVEWAY BEHIND PROPOSED PCC DRIVEWAY WITH 2" HMA SURFACE COURSE, MIX "C" N90 OVER 8" HMA BASE COURSE
 - PAVEMENT STRUCTURE CONSIST OF POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 - 1 3/4", 4 TONS POLYMERIZED HMA BINDER COURSE, IL-19.0, N90 - 2 1/4", 5 TONS PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9", 36 SQ YD SUB-BASE GRANULAR MATERIAL, TYPE B 6", 36 SQ YD
 - FOR MEDIAN NOSE DETAILS SEE SKOKIE BLVD. AND FOSTER STREET INTERSECTION DETAILS SHEET (SHEET NO. 59)

REVISIONS

NO.	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 PLAN AND PROFILE
 STA. 100+00 TO STA. 112+00

HORIZ. SCALE 1" = 50'
 VERT. SCALE 1" = 5'

DATE 11-14-08
 DRAWN BY CEC
 CHECKED BY DWB

DATE: 11/13/2008
 PLOT SCALE: AS SHOWN
 USER NAME: #15819

DATE: 11/13/2008
 PLOT SCALE: AS SHOWN
 USER NAME: #15819

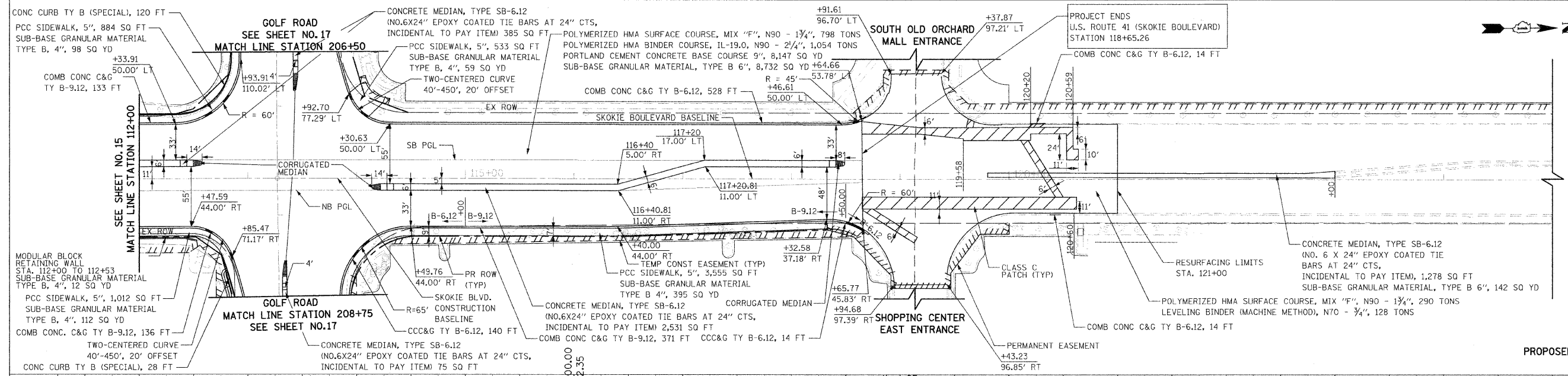
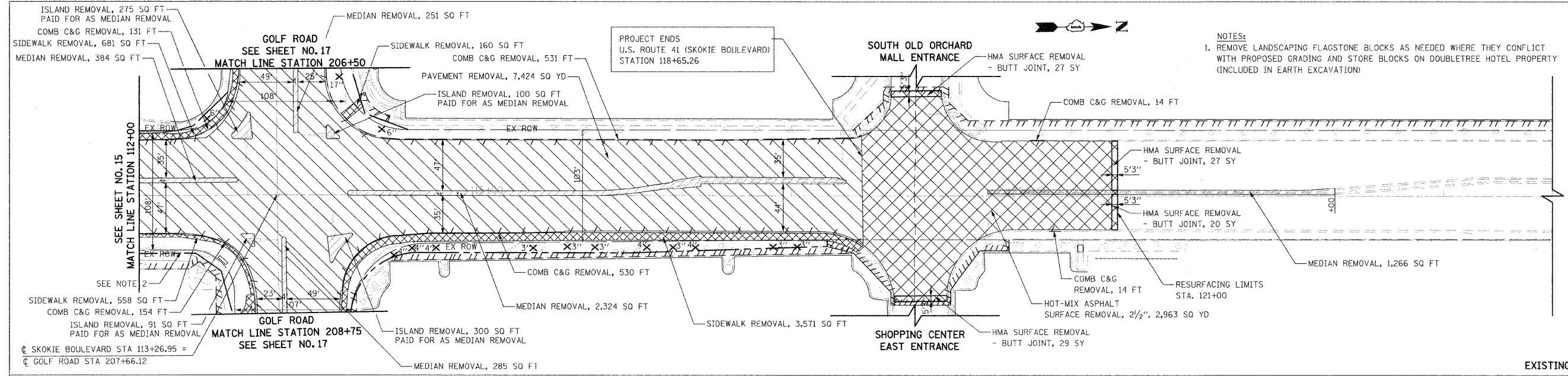
DATE: 11/13/2008
 PLOT SCALE: AS SHOWN
 USER NAME: #15819

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
350	00-00242-00-CH	COOK	129 16
STA. 112+00		TO STA. 125+00	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			

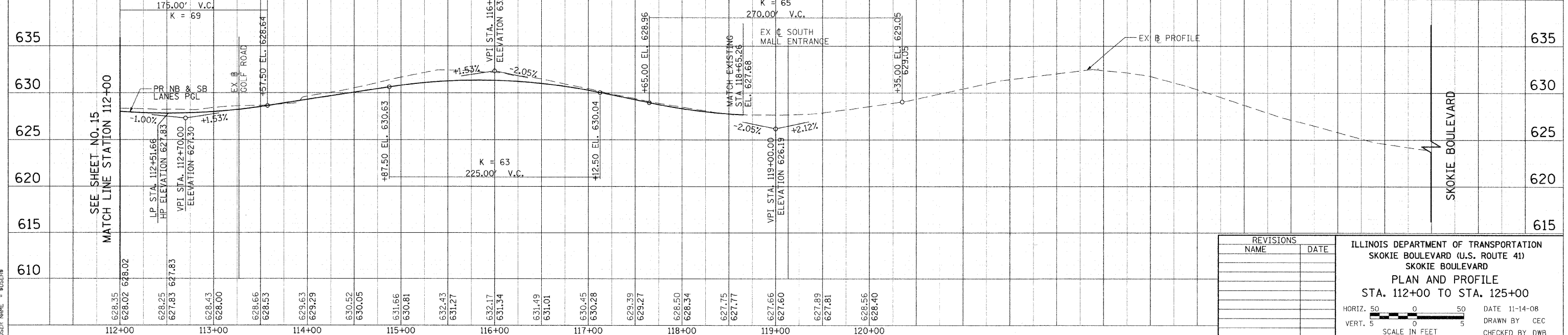
NOTES:
 1. REMOVE LANDSCAPING FLAGSTONE BLOCKS AS NEEDED WHERE THEY CONFLICT WITH PROPOSED GRADING AND STORE BLOCKS ON DOUBLETREE HOTEL PROPERTY (INCLUDED IN EARTH EXCAVATION)

LEGEND

[Symbol]	PAVEMENT REMOVAL
[Symbol]	MEDIAN REMOVAL
[Symbol]	SIDEWALK REMOVAL
[Symbol]	DRIVEWAY REMOVAL
[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
[Symbol]	TREE REMOVAL
[Symbol]	RELOCATE UTILITY POLE (BY OTHERS)
[Symbol]	COMBINATION CURB AND GUTTER REMOVAL



NOTES:
 1. ALL STATIONS AND OFFSETS ON THIS SHEET ARE BASED OFF THE SKOKIE BLVD. BASELINE.
 2. FOR MEDIAN NOSE DETAILS SEE SKOKIE AND GOLF ROAD INTERSECTION DETAILS SHEET (SHEET NO. 58)



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 PLAN AND PROFILE
 STA. 112+00 TO STA. 125+00

HORIZ. 50 0 50
 VERT. 5 0 5
 SCALE IN FEET

DATE 11-14-08
 DRAWN BY CEC
 CHECKED BY DWB

DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____

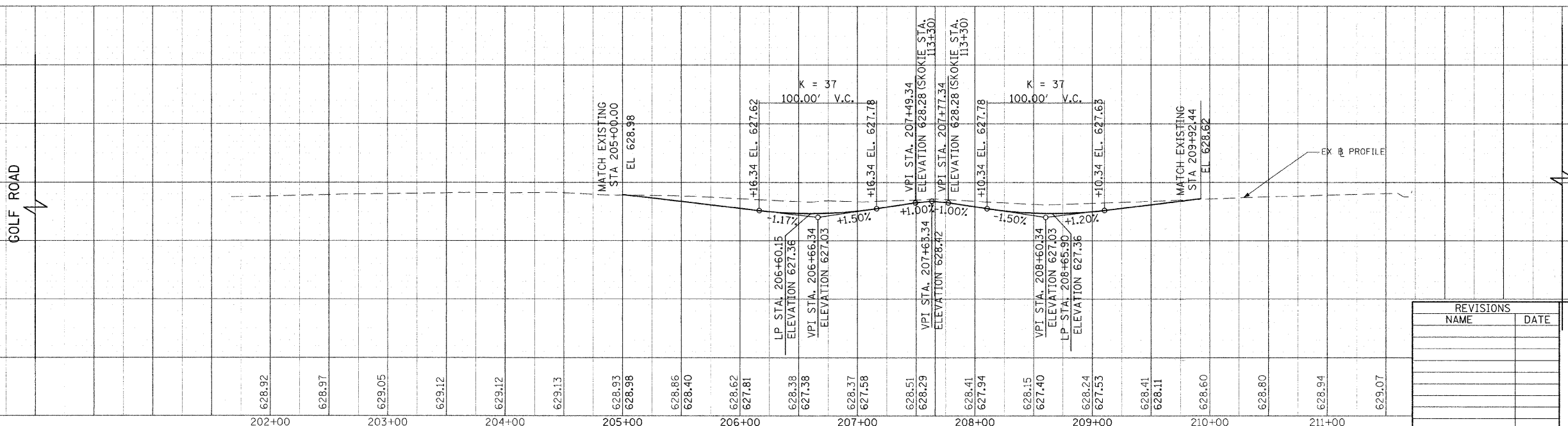
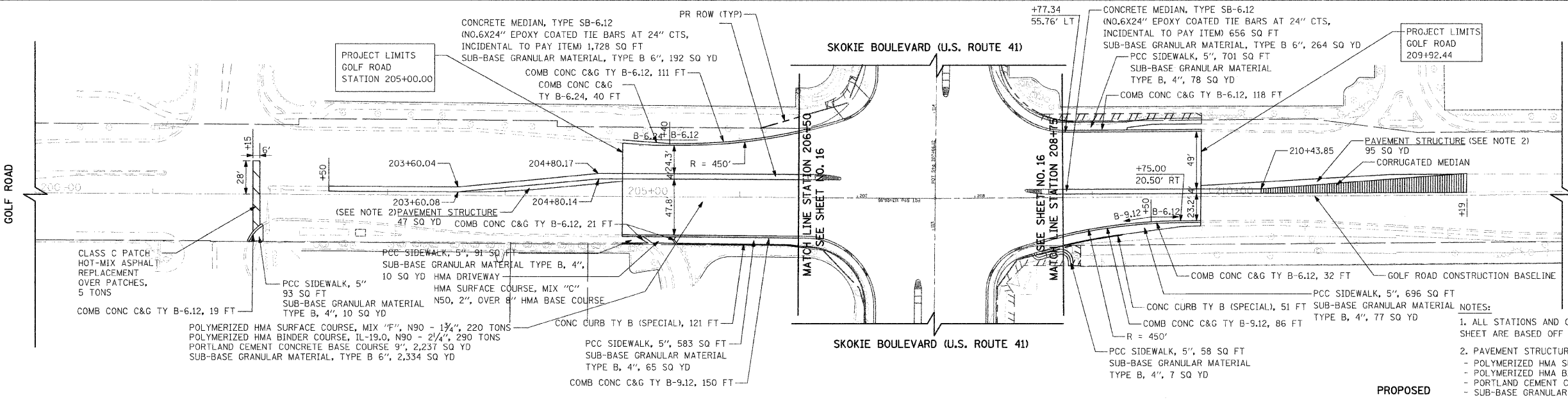
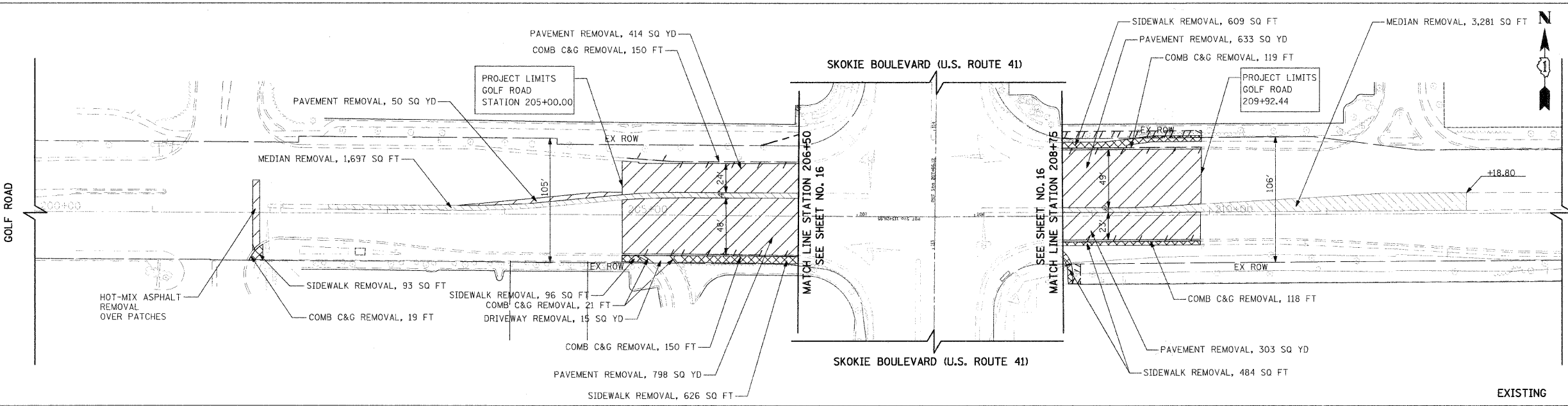
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 BY: _____
 CHECKED: _____
 DATE: _____

PLOT DATE = 11/13/2008
 PLOT SCALE = 1"=40'
 USER NAME = BUBBRS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	17
STA. 200+00		TO STA. 213+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

LEGEND

- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- TREE REMOVAL
- RELOCATE UTILITY POLE (BY OTHERS)
- COMBINATION CURB AND GUTTER REMOVAL



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 GOLF ROAD
 PLAN AND PROFILE
 STA. 200+00 TO STA. 213+00

HORIZ. 50 0 50
 VERT. 5 0 5
 SCALE IN FEET

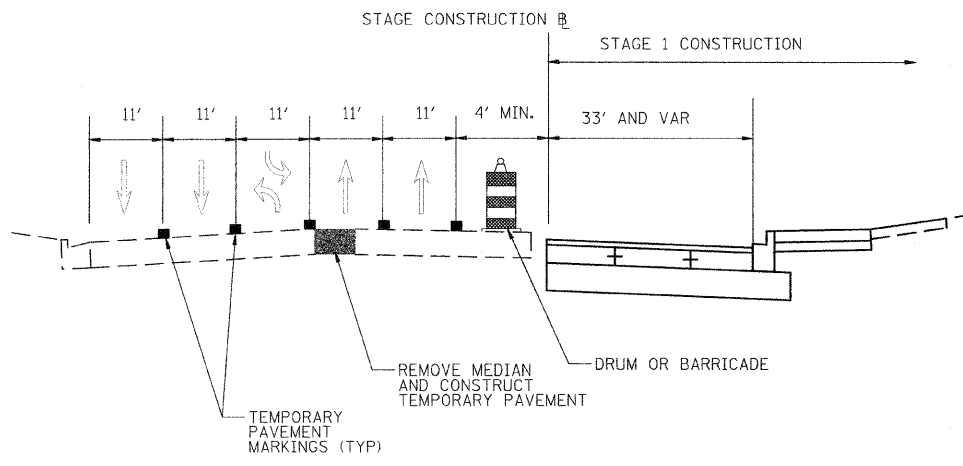
DATE 11-14-08
 DRAWN BY CEC
 CHECKED BY DWB

DATE: _____
 BY: _____
 CHECKED: _____
 TITLE: _____

DATE: _____
 BY: _____
 CHECKED: _____
 TITLE: _____

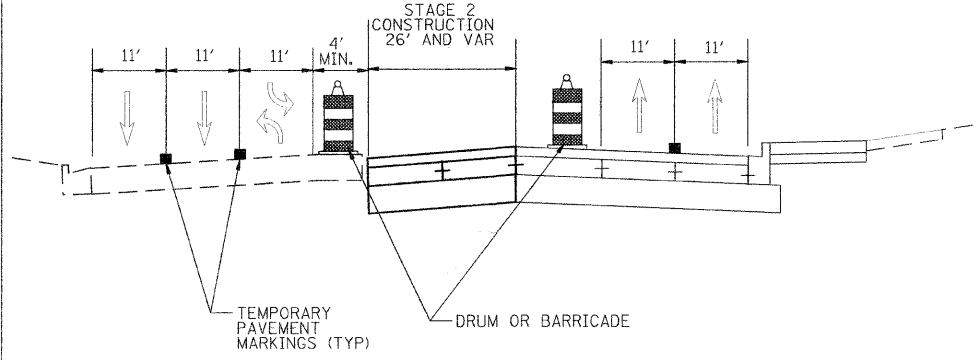
PLOT DATE: 11/13/2008
 FILE NAME: 63049.DWG
 USER NAME: 63049

F.A.P. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350 00-00242-00-CH	COOK	129	18
STA.	TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			



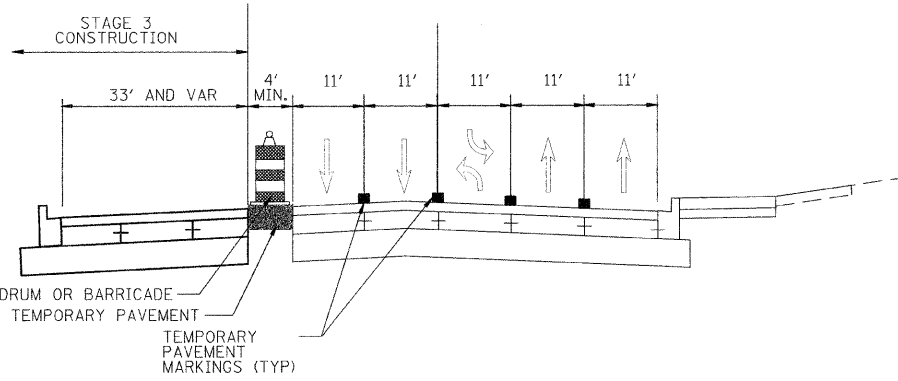
SKOKIE BLVD STAGE 1 TYPICAL SECTION

- STAGE 1:**
1. REMOVE MEDIANS AND ISLANDS AND CONSTRUCT TEMPORARY PAVEMENT. USE TRAFFIC CONTROL STANDARDS 701501, 701601, 701602, 701701, 701801 AND 701901 TO PERFORM THIS WORK.
 2. SET UP TRAFFIC CONTROL STRIPING, SIGNS AND BARRICADES FOR SKOKIE BOULEVARD WITH FIVE LANES OF TRAFFIC (TWO THRU LANES IN EACH DIRECTION AND ONE TURN LANE) ALONG THE WEST SIDE.
 3. SET UP TRAFFIC CONTROL STRIPING, SIGNS AND BARRICADES FOR GOLF ROAD WITH FOUR LANES OF TRAFFIC (ONE THRU LANE, ONE LEFT TURN LANE, AND ONE RIGHT TURN LANE FOR EACH DIRECTION) ALONG NORTH SIDE.
 4. CONSTRUCT WATER MAIN CROSSINGS ON GOLF ROAD AT STATION 201+88 AND 206+06. CONSTRUCT TEMPORARY PAVEMENT AT STA. 201+88 UNTIL PERMANENT PATCH IS CONSTRUCTED
 5. CONSTRUCT MAINLINE STORM SEWER AND STORM LATERALS WITHIN THIS STAGE WORK AREA.
 6. CONSTRUCT THREE NORTHBOUND LANES OF SKOKIE BOULEVARD IN STAGE 1.
 7. CONSTRUCT EAST LEG OF GOLF ROAD IN SUB-STAGES 1A, 1B, 1C, 1D AND 1E.
 8. CONSTRUCT EAST LEG OF FOSTER STREET IN SUB-STAGES 1A AND 1B.
 9. BEGIN CONSTRUCTION OF TRAFFIC SIGNALS AND LIGHTING (WILL BE ONGOING)
 10. CONSTRUCT TEMPORARY PAVEMENT TO BE USED IN STAGE 2.



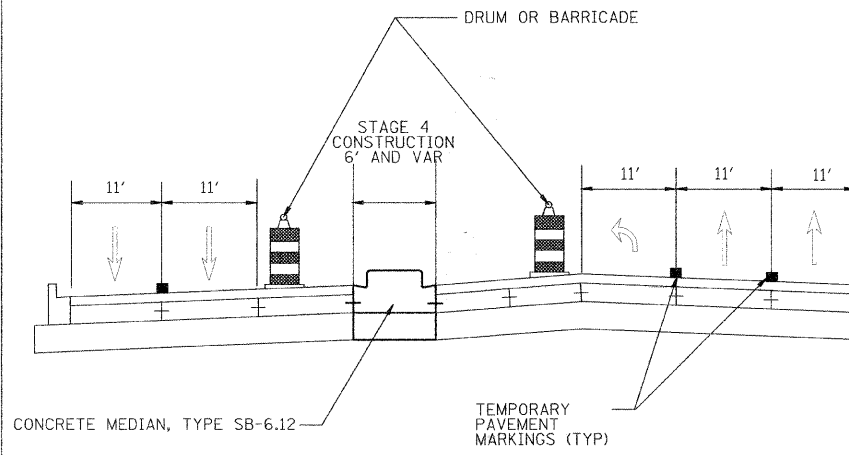
SKOKIE BLVD STAGE 2 TYPICAL SECTION

- STAGE 2:**
1. SET UP TRAFFIC CONTROL STRIPING, SIGNS AND BARRICADES FOR SKOKIE BOULEVARD WITH TWO NORTHBOUND LANES ON NEW PAVEMENT CONSTRUCTED IN STAGE 1 AND TWO SOUTHBOUND LANES AND TURN LANES AS SET UP IN STAGE 1.
 2. SET UP TRAFFIC CONTROL STRIPING, SIGNS AND BARRICADES FOR GOLF ROAD WITH FOUR LANES OF TRAFFIC (ONE THRU LANE, ONE LEFT TURN LANE, AND ONE RIGHT TURN LANE FOR EACH DIRECTION) ALONG NORTH SIDE.
 3. CONSTRUCT STORM SEWER LATERALS WITHIN THIS STAGE WORK AREA.
 4. CONSTRUCT MIDDLE TURN LANES ON SKOKIE BOULEVARD IN STAGE 2.
 5. CONSTRUCT NORTH BOUND TURN LANE TO SOUTH OLD ORCHARD MALL ENTRANCE IN SUB-STAGE 2A.
 6. CONSTRUCT MIDDLE TURN LANES AND INTERSECTION OF GOLF ROAD IN SUB-STAGES 2B, 2C AND 2D.
 7. CONSTRUCT MIDDLE TURN LANES AND INTERSECTION OF FOSTER STREET IN SUB-STAGES 2D, 2E, 2F AND 2G.
 8. CONSTRUCT TEMPORARY PAVEMENT TO BE USED IN STAGE 3.



SKOKIE BLVD STAGE 3 TYPICAL SECTION

- STAGE 3:**
1. SET UP TRAFFIC CONTROL STRIPING, SIGNS AND BARRICADES FOR SKOKIE BOULEVARD WITH FIVE LANES OF TRAFFIC (TWO THRU LANES IN EACH DIRECTION AND ONE TURN LANE) ALONG THE EAST SIDE.
 2. SET UP TRAFFIC CONTROL STRIPING, SIGNS AND BARRICADES FOR GOLF ROAD WITH FOUR LANES OF TRAFFIC (ONE THRU LANE, ONE LEFT TURN LANE AND ONE RIGHT TURN LANE FOR EACH DIRECTION) ALONG NORTH SIDE.
 3. CONSTRUCT WATER MAIN AND STORM SEWER LATERALS WITHIN THIS STAGE WORK AREA.
 4. CONSTRUCT THREE SOUTHBOUND LANES ON SKOKIE BOULEVARD IN STAGE 3.
 5. CONSTRUCT WEST LEG OF GOLF ROAD IN SUB-STAGES 3A, 3B, 3C AND 3D.
 6. CONSTRUCT WEST LEG OF FOSTER STREET IN SUB-STAGES 3A AND 3B.



SKOKIE BLVD STAGE 4 TYPICAL SECTION

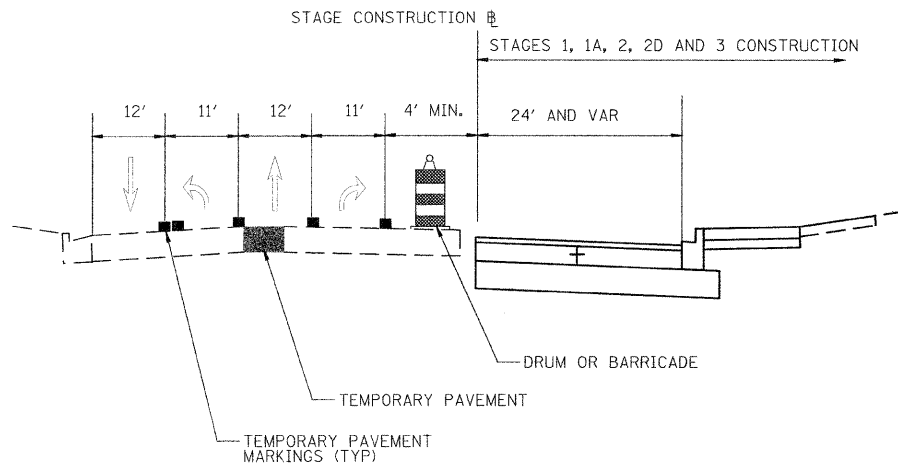
- STAGE 4:**
1. SET UP TRAFFIC CONTROL STRIPING, SIGNS AND BARRICADES FOR SKOKIE BOULEVARD AS IN STAGE 2.
 2. SET UP TRAFFIC CONTROL STRIPING, SIGNS AND BARRICADES FOR GOLF ROAD SO TRAFFIC IS SPLIT ON NORTH AND SOUTH SIDES.
 3. CONSTRUCT STORM SEWER LATERALS WITHIN THIS STAGE WORK AREA.
 4. CONSTRUCT CONCRETE MEDIANS.
 5. COMPLETE TRAFFIC SIGNAL INSTALLATIONS.
 6. COMPLETE TRAFFIC LIGHTING INSTALLATION.
 7. CONSTRUCT LANDSCAPING.
 8. PAVE HOT-MIX ASPHALT SURFACE COURSE.
 9. STRIPE PAVEMENT MARKINGS.
 10. PUNCHLIST.

PLOT DATE = 11/13/2008
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = USER

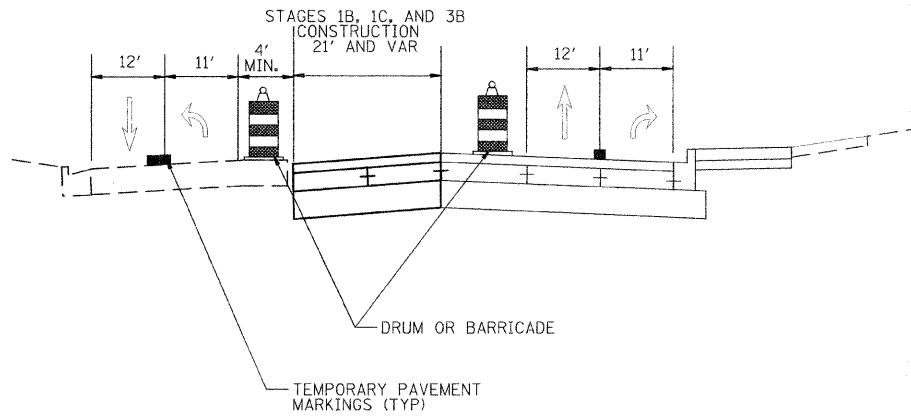
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SKOKIE BOULEVARD (U.S. ROUTE 41)
NAME	DATE	
		SUGGESTED TRAFFIC CONTROL PLANS TYPICAL SECTIONS

DATE 11-14-08
DRAWN BY SAC
CHECKED BY DWB

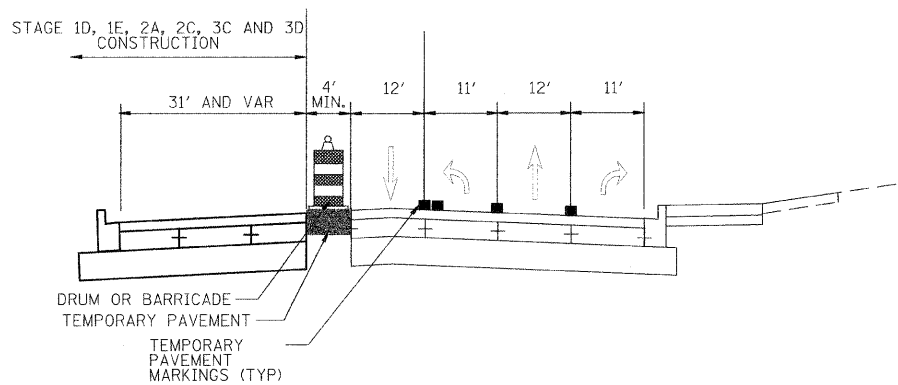
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	19
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



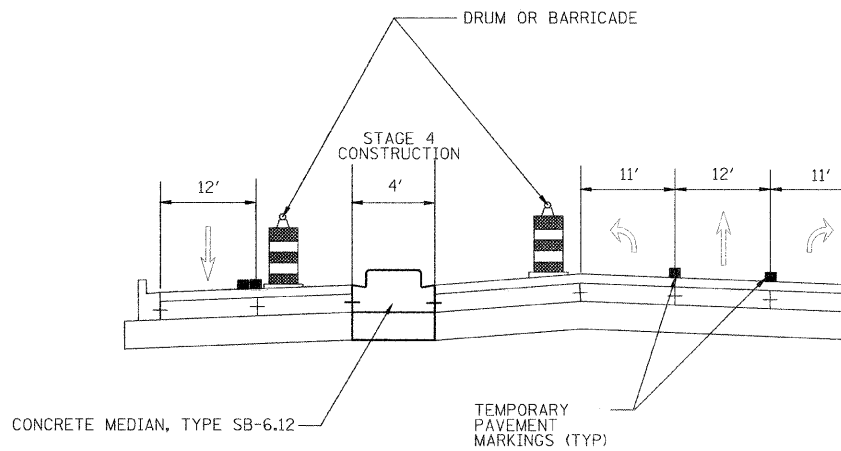
GOLF ROAD STAGES 1, 1A, 2, 2D, 3 TYPICAL SECTION



GOLF ROAD STAGES 1B, 1C, 3B TYPICAL SECTION



GOLF ROAD STAGES 1D, 1E, 3C, 3D TYPICAL SECTION



GOLF ROAD STAGE 4 TYPICAL SECTION

GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
2. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
3. TYPE II BARRICADES SHALL BE EQUIPPED WITH MONODIRECTIONAL STEADY BURN LIGHTS. WHEN SEPARATING OPPOSING LANES OF TRAFFIC, DELINEATORS AND BARRICADES SHALL BE PLACED AT 25' INTERVALS AND AT 12.5' INTERVALS WITHIN TAPER AND CURVE SECTIONS AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. WHEN SEPARATING TRAFFIC FROM CONSTRUCTION, THIS SPACING MAY BE DOUBLED. BARRICADES, 2' IN WIDTH SHALL BE UTILIZED DURING ALL STAGES OF TRAFFIC CONTROL. DIRECTION INDICATOR BARRICADES SHALL BE USED AT ALL TAPERS, SHIFTS AND LANE DROPS.
4. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL OR WORK ZONE PAVEMENT MARKING REMOVAL.
5. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR PLACEMENT AND TWO REPLACEMENTS HAVE BEEN PROVIDED.
6. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL). ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION. THE COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION (SPECIAL).
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PUMPING OUT WATER FROM THE PROPOSED 78" STORM SEWER UNTIL IT IS CONNECTED TO THE 48" COMBINATION SEWER IN STAGE 2B. THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED 78" STORM SEWER.
9. THE PERMANENT TRAFFIC CONTROL DEPICTED HEREIN IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE LUMP SUM PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" UNLESS OTHERWISE INDICATED IN THE PLANS OR SPECIAL PROVISIONS.
10. ALL TRAFFIC CONTROL WARNING SIGNS AND ASSOCIATED SIGNING MOUNTED WITH THE WARNING SIGNS SHALL HAVE BLACK LEGENDS AND BORDERS ON FLOURESCENT ORANGE REFLECTIVE SHEETING.
11. ALL CONSTRUCTION SIGNS, BARRICADES, AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED, AND MAINTAINED BY THE CONTRACTOR.
12. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3 INCH X 6 INCH DELINEATOR INSTALLED.
13. TEMPORARY LANE CLOSURES FOR ANY REASON SHALL BE RESTRICTED TO THE WEEKDAY HOURS OF 9:00 AM TO 3:00 PM OR WEEKENDS IF APPROVED BY THE ENGINEER 48 HOURS IN ADVANCE.
14. CONSTRUCT STAGE 1A AT FOSTER/SKOKIE, STAGE 2B, STAGE 2C, STAGE 2D, AND STAGE 2G WITH HIGH-EARLY STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE, 9".

PLT DATE = 11/13/2008
 FILE = 11/13/08
 PLOT SCALE = 8:24
 USER NAME = RUSER

REVISIONS	
NAME	DATE

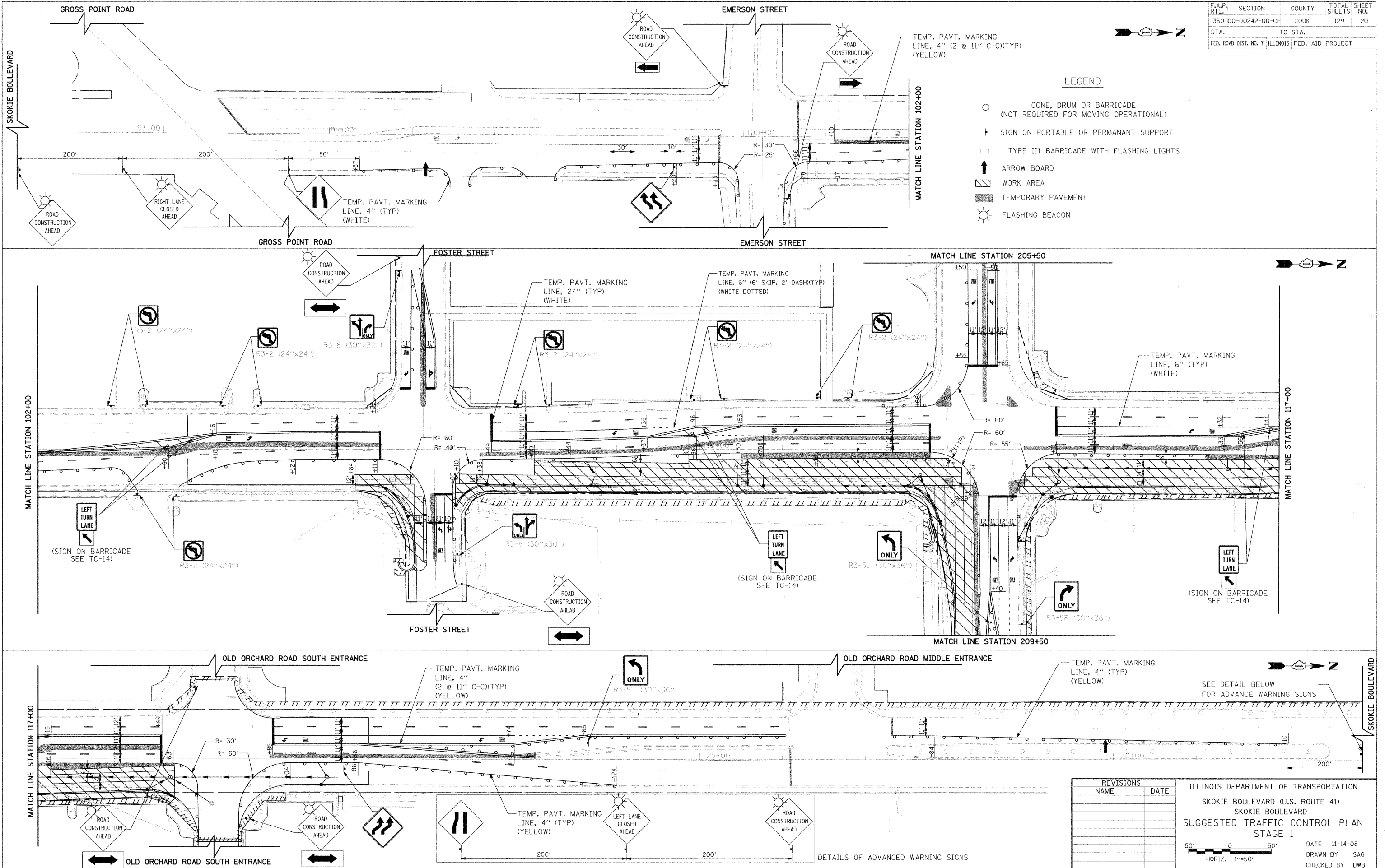
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)

SUGGESTED TRAFFIC CONTROL PLANS
 TYPICAL SECTIONS

DATE 11-14-08
 DRAWN BY SAC
 CHECKED BY DWB

NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	20
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ▶ SIGN ON PORTABLE OR PERMANANT SUPPORT
- ▬ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▩ TEMPORARY PAVEMENT
- ⚡ FLASHING BEACON

REVISIONS	NAME	DATE

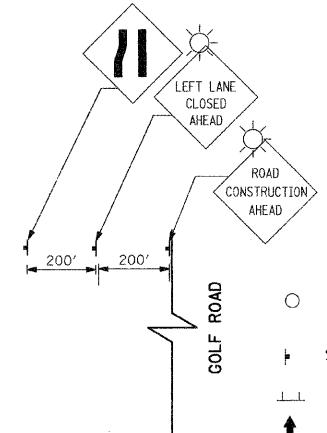
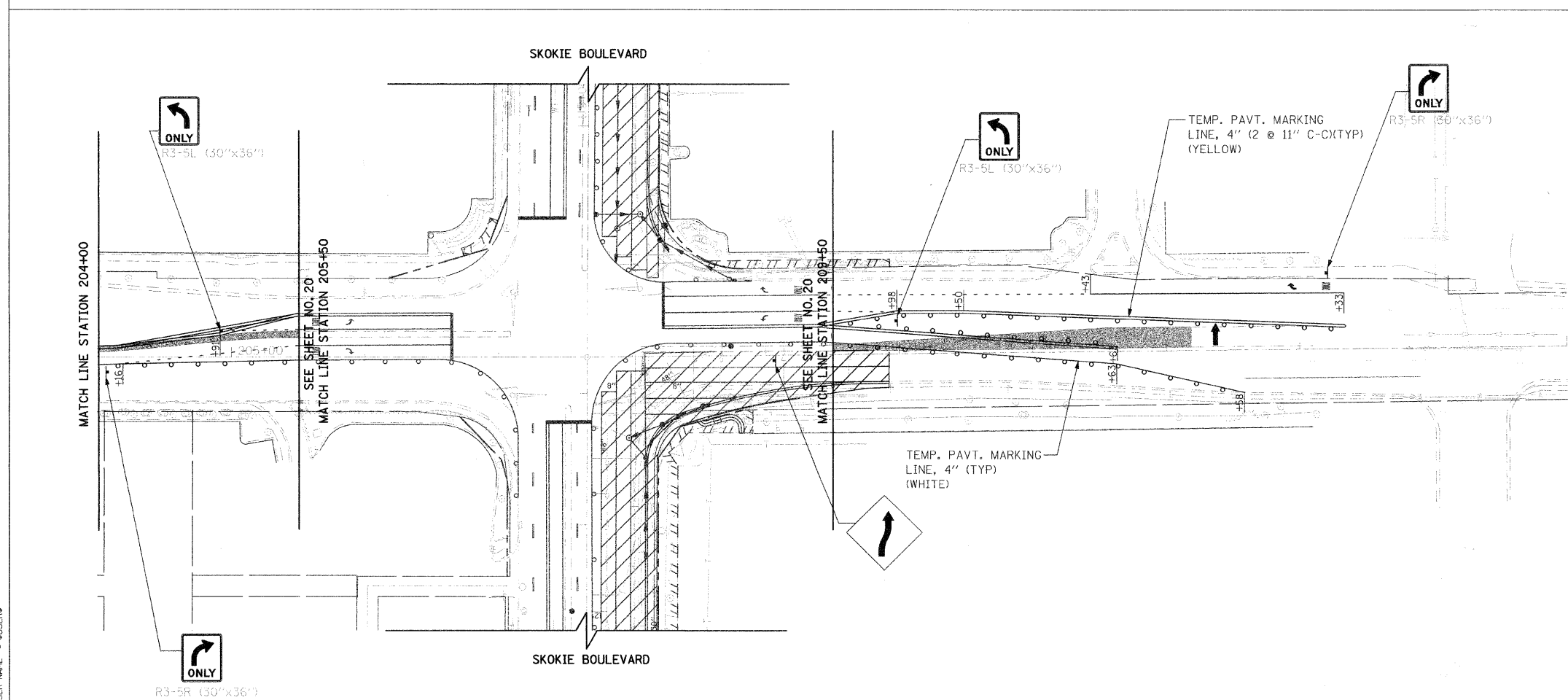
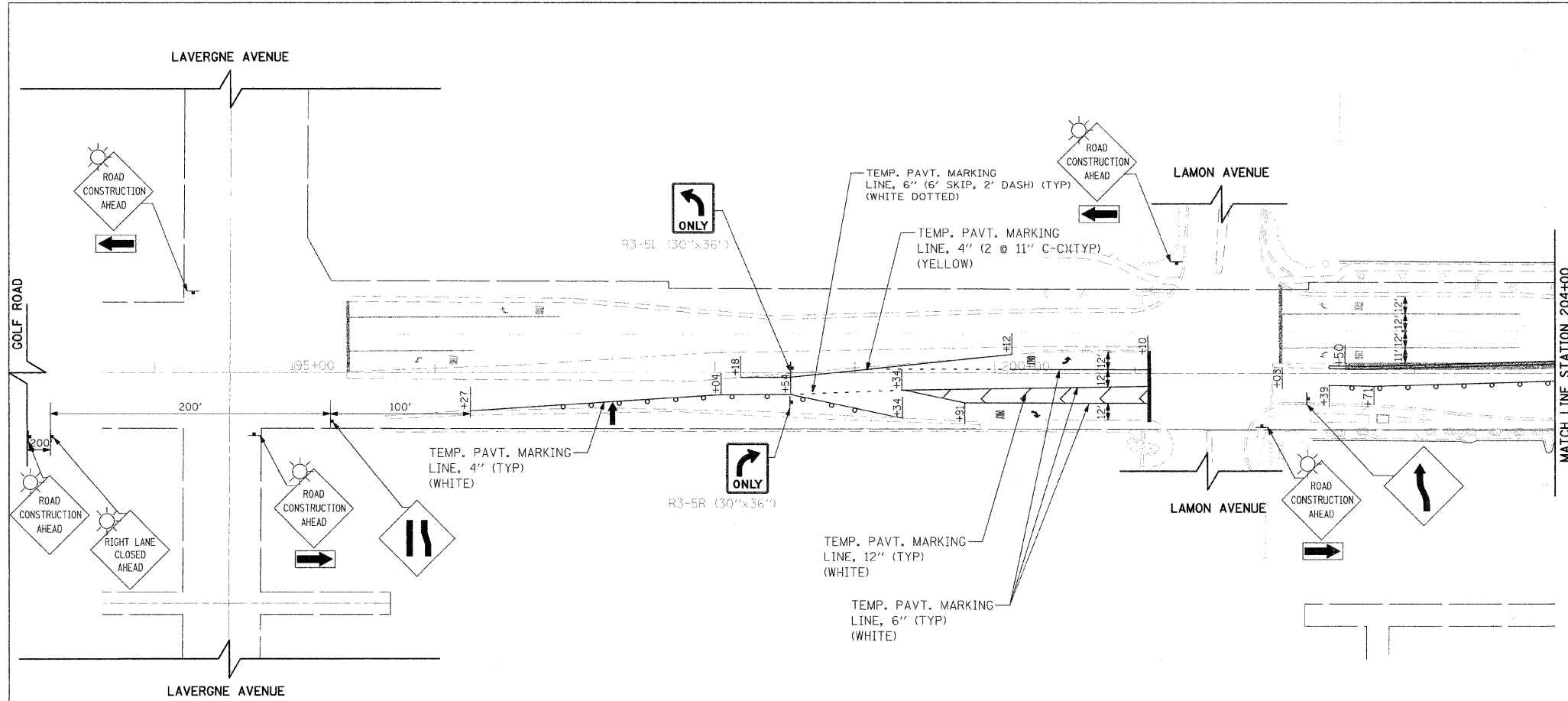
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 1

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

HORIZ. 1"=50'

PLOT DATE = 11/13/2008
 FILE NAME = 63049-CH-20.DWG
 USER NAME = BUSERA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	21
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



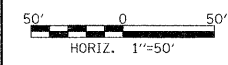
LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON

REVISIONS	
NAME	DATE

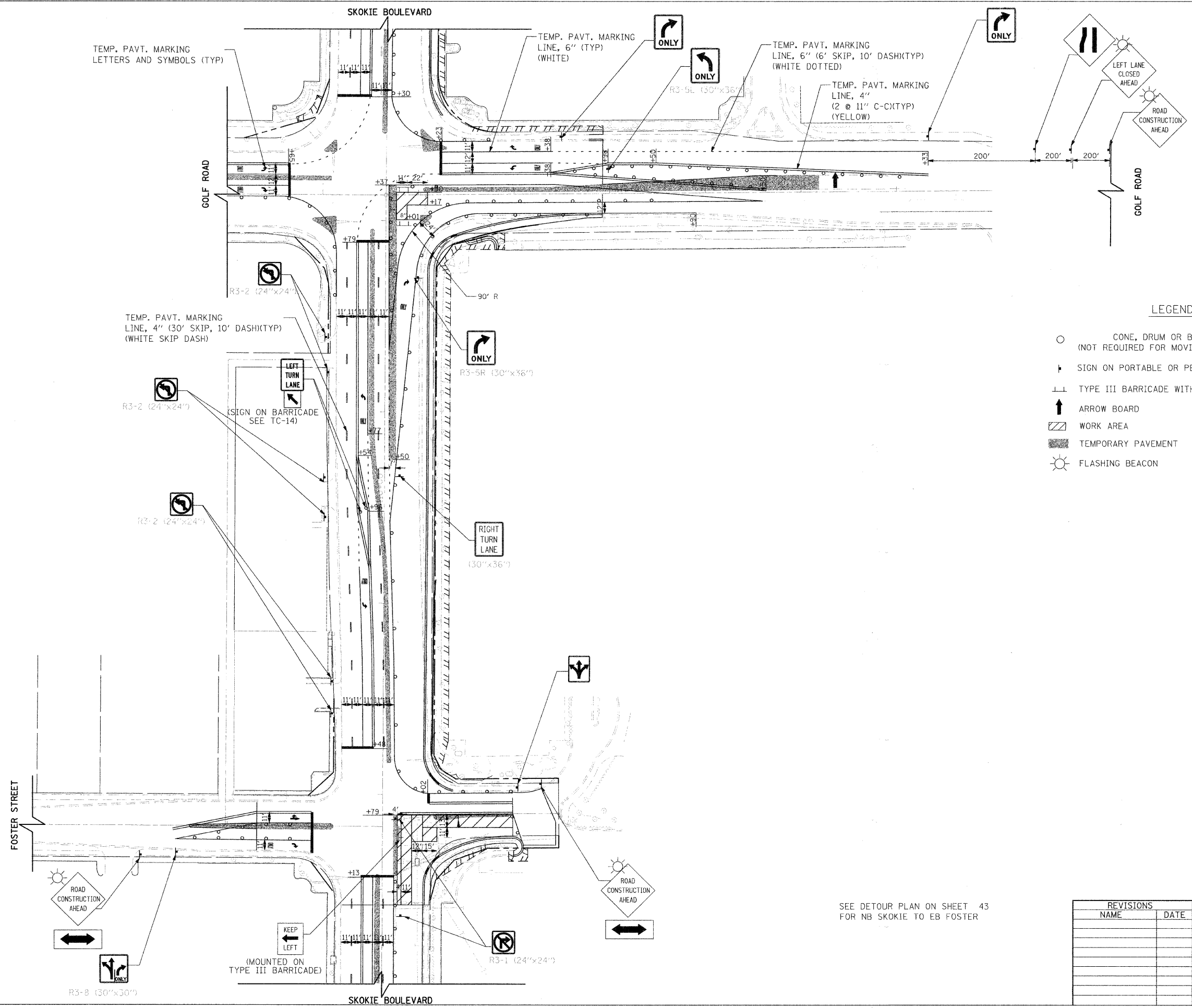
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 GOLF ROAD
SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 1

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB



PLOT DATE: 11/13/2008
 FILE NAME: #FCLEL#
 USER: #USERS#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	22
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		



LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON

SEE DETOUR PLAN ON SHEET 43 FOR NB SKOKIE TO EB FOSTER

REVISIONS	
NAME	DATE

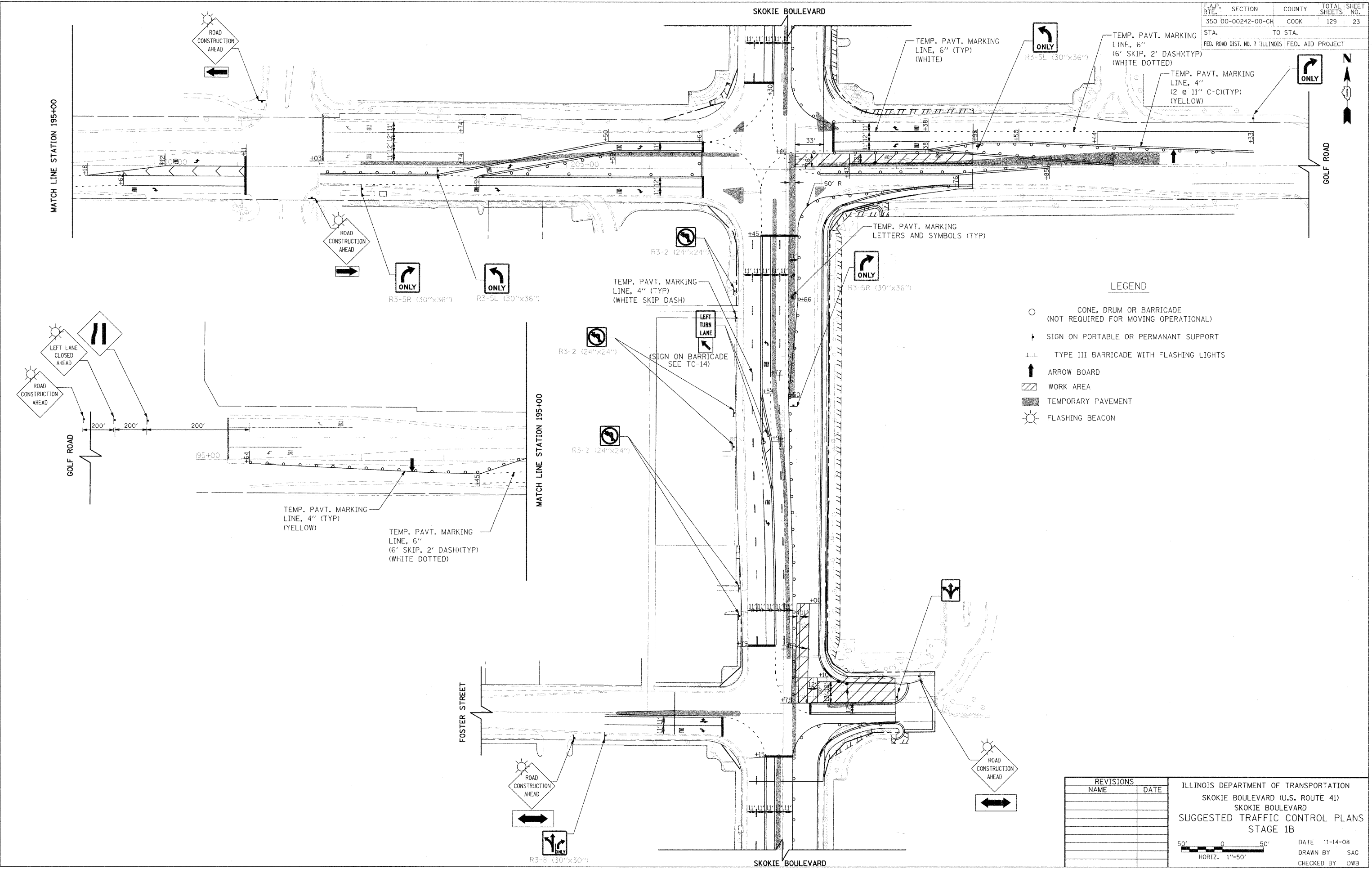
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 1A

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

HORIZ. 1"=50'

PLOT DATE = 11/13/2008
 PLOT FILE = R3-1A.DWG
 PLOT SCALE = AS SHOWN
 USER NAME = BUSBY

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

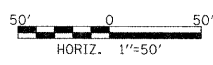


- LEGEND**
- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
 - ▬ SIGN ON PORTABLE OR PERMANENT SUPPORT
 - ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
 - ↑ ARROW BOARD
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ☀ FLASHING BEACON

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLANS
 STAGE 1B

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

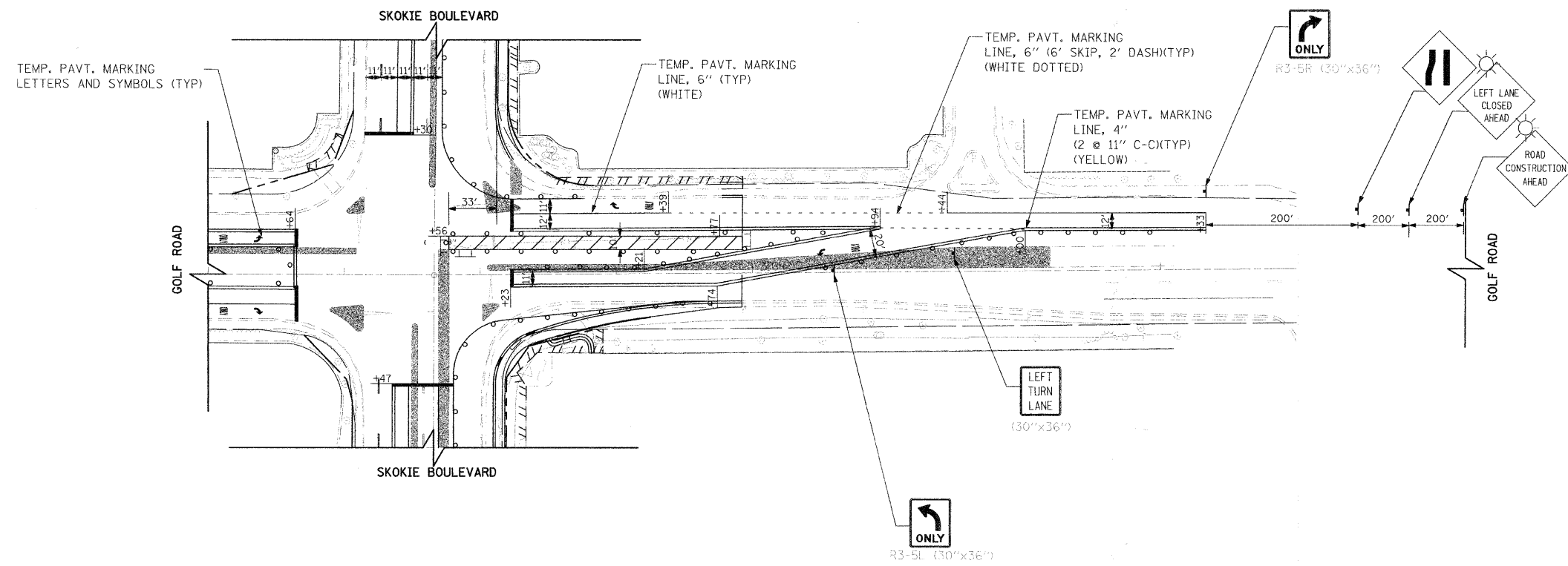


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350 00-00242-00-CH		COOK	129	24
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- † SIGN ON PORTABLE OR PERMANANT SUPPORT
- ⌋ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▩ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 1C

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

HORIZ. 1"=50'

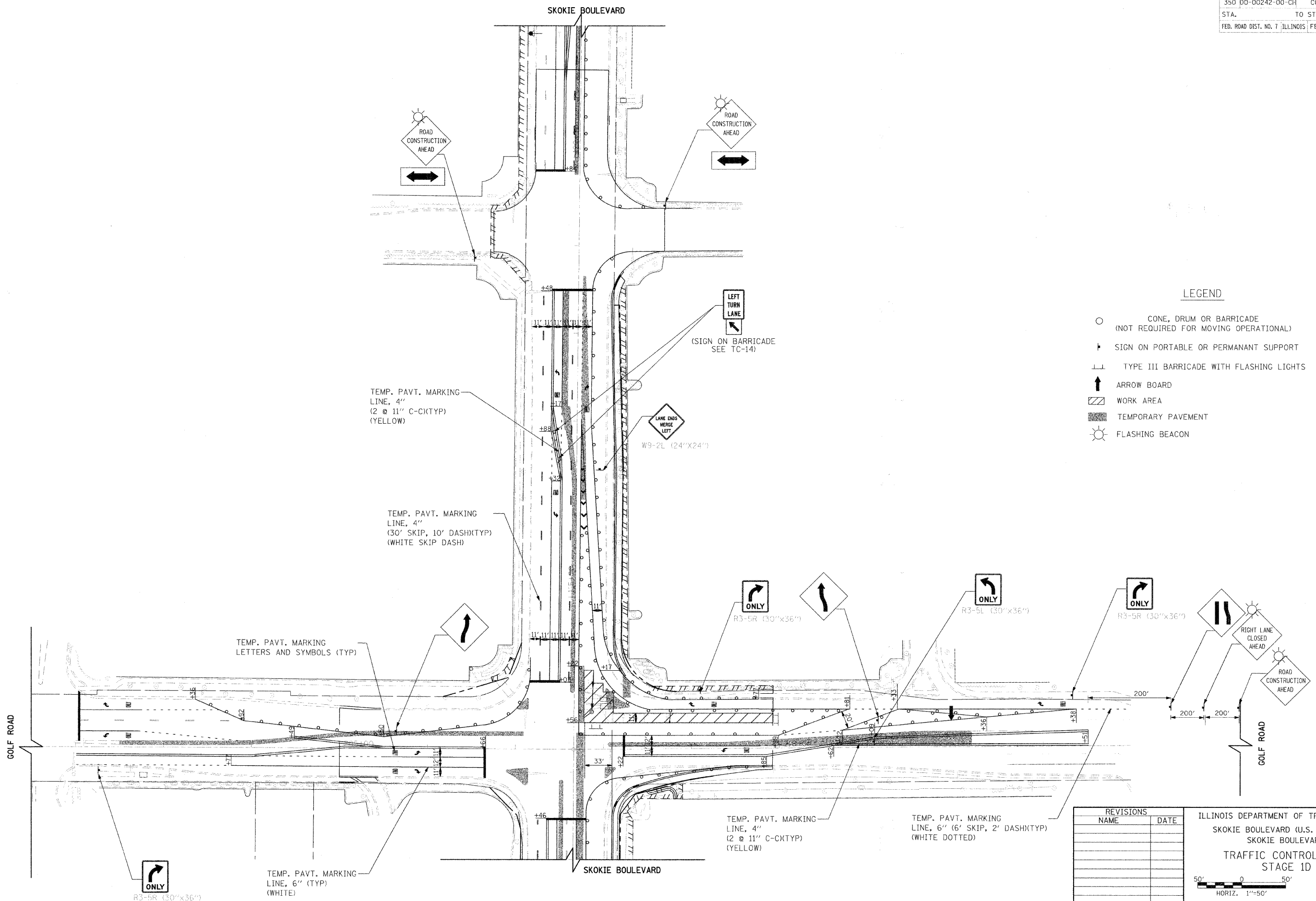
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	25
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		



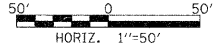
LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ⊙ FLASHING BEACON



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 TRAFFIC CONTROL PLAN
 STAGE 1D
 DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

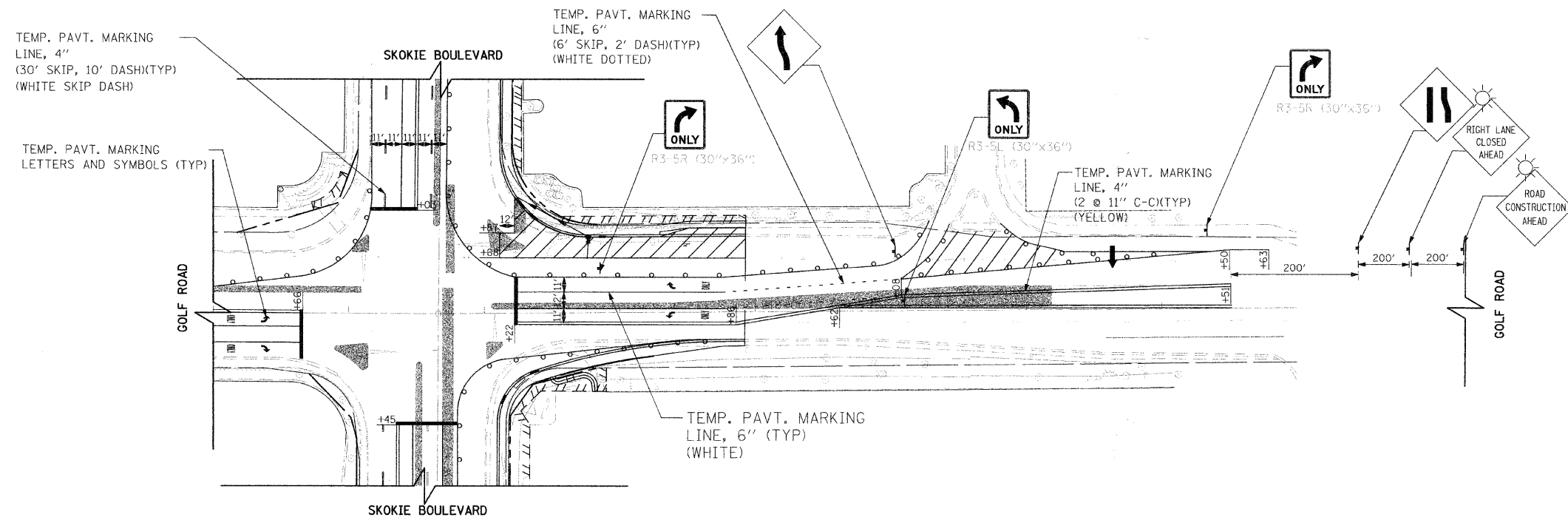


PLOT DATE = 11/13/2008
 PLOT SCALE = 1"=50'
 USER NAME = BUSBY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	26
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ▬ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▩ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON



PLOT DATE = 11/13/2008
 PLOT SCALE = 1"=50'
 USER NAME = JUSER8

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 TRAFFIC CONTROL PLANS
 STAGE 1E

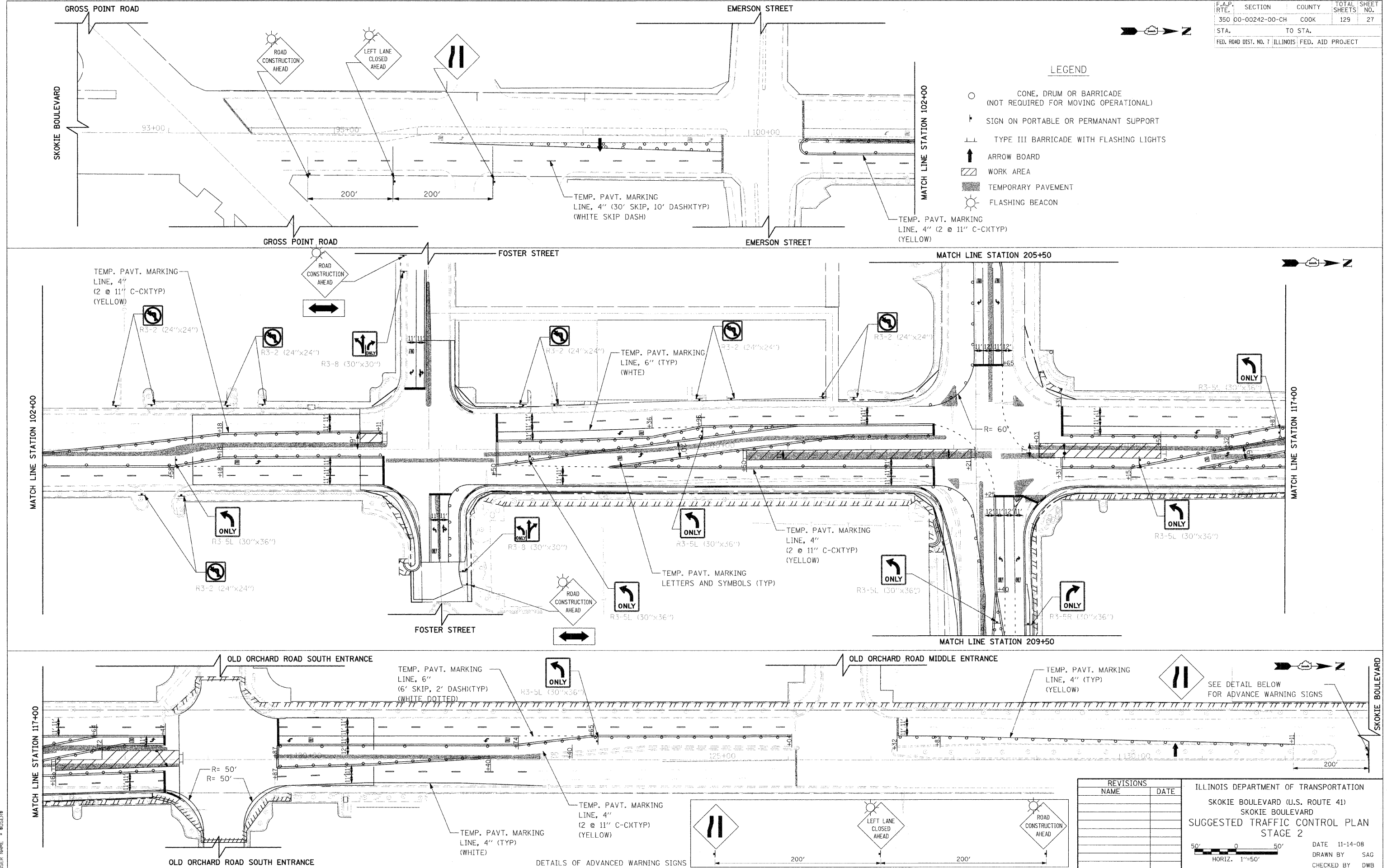
DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

HORIZ. 1"=50'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	27
STA.	TO STA.			
	FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT	

LEGEND

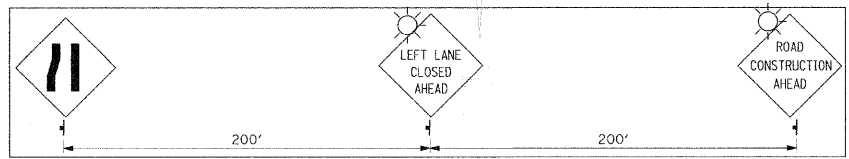
- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ▬ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON



REVISIONS	
NAME	DATE

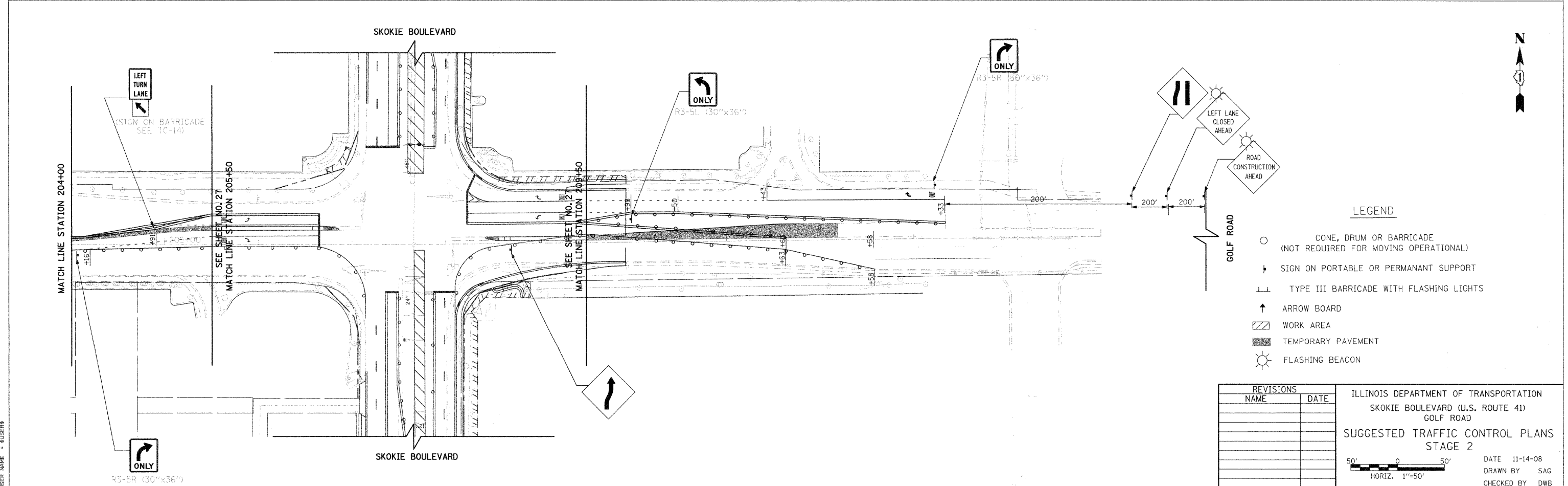
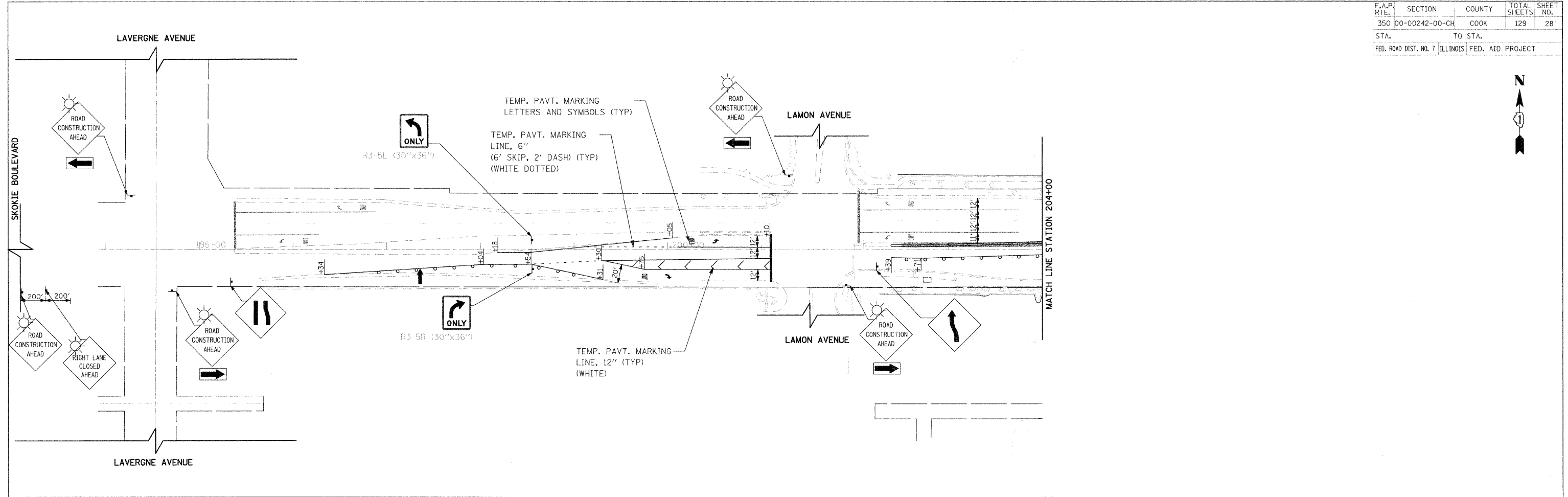
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 2

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB



PLOT DATE = 11/13/2008
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = BUSBY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	28
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS FED. AID PROJECT			

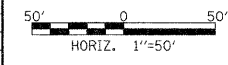


- LEGEND**
- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
 - ⬇ SIGN ON PORTABLE OR PERMANENT SUPPORT
 - ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
 - ↑ ARROW BOARD
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ☀ FLASHING BEACON

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 GOLF ROAD
 SUGGESTED TRAFFIC CONTROL PLANS
 STAGE 2

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB



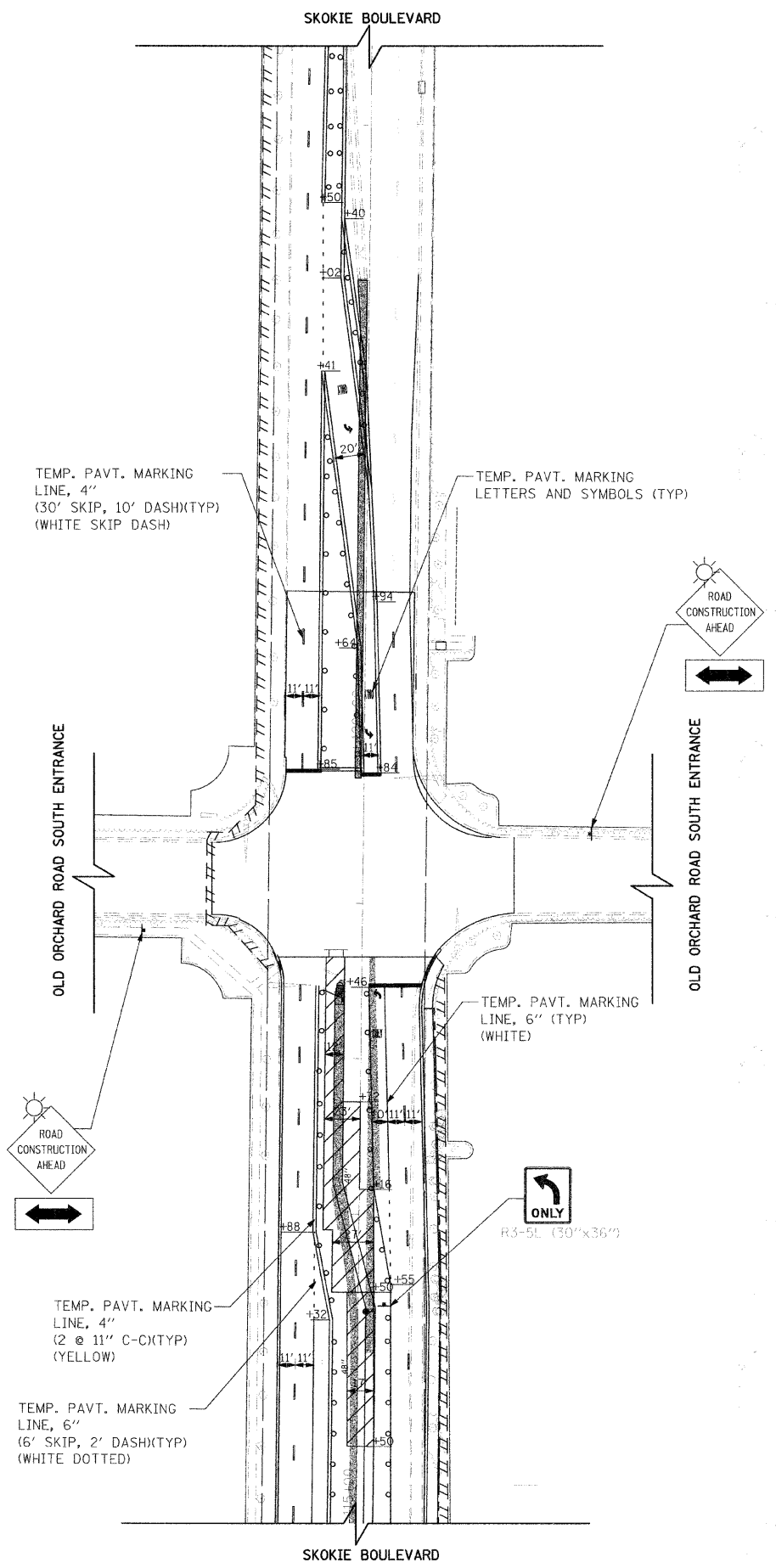
PLOT DATE = 11/13/2008
 FILE NAME = #FILE#
 USER NAME = #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	29
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		



LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ▬ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▩ TEMPORARY PAVEMENT
- ⚡ FLASHING BEACON



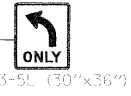
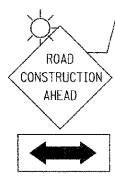
TEMP. PAVT. MARKING LINE, 4" (30' SKIP, 10' DASH)(TYP) (WHITE SKIP DASH)

TEMP. PAVT. MARKING LETTERS AND SYMBOLS (TYP)

OLD ORCHARD ROAD SOUTH ENTRANCE

OLD ORCHARD ROAD SOUTH ENTRANCE

TEMP. PAVT. MARKING LINE, 6" (TYP) (WHITE)



TEMP. PAVT. MARKING LINE, 4" (2 @ 11" C-C)(TYP) (YELLOW)

TEMP. PAVT. MARKING LINE, 6" (6' SKIP, 2' DASH)(TYP) (WHITE DOTTED)

SKOKIE BOULEVARD

PLOT DATE = 11/13/2008
 PLOT TIME = 10:58:58
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = RUSSEN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 2A

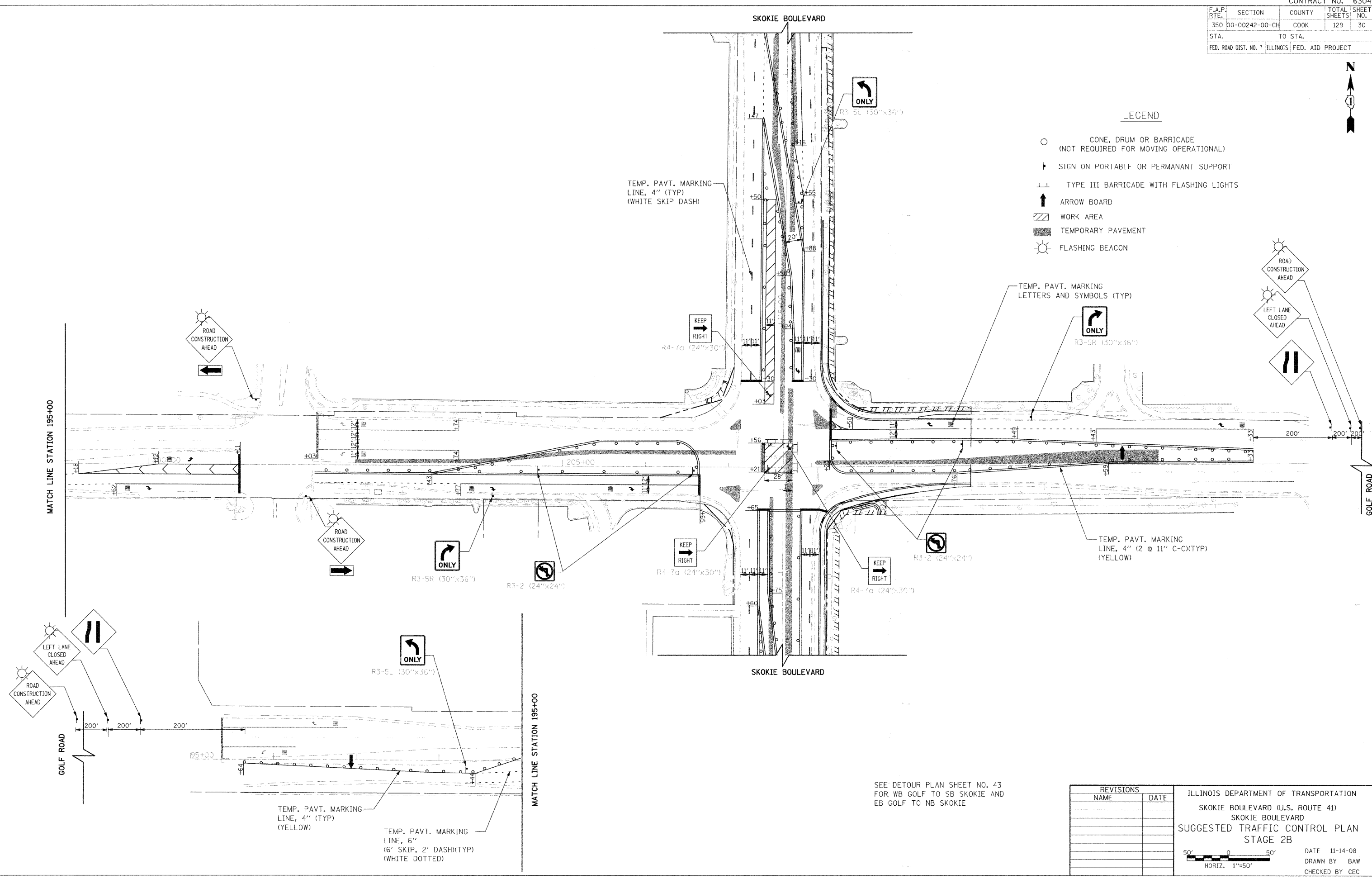
DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	30
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ↑ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON



TEMP. PAVT. MARKING LETTERS AND SYMBOLS (TYP)



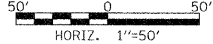
TEMP. PAVT. MARKING LINE, 4" (2 @ 11" C-C) (TYP) (YELLOW)

SEE DETOUR PLAN SHEET NO. 43 FOR WB GOLF TO SB SKOKIE AND EB GOLF TO NB SKOKIE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 2B

DATE 11-14-08
 DRAWN BY BAW
 CHECKED BY CEC



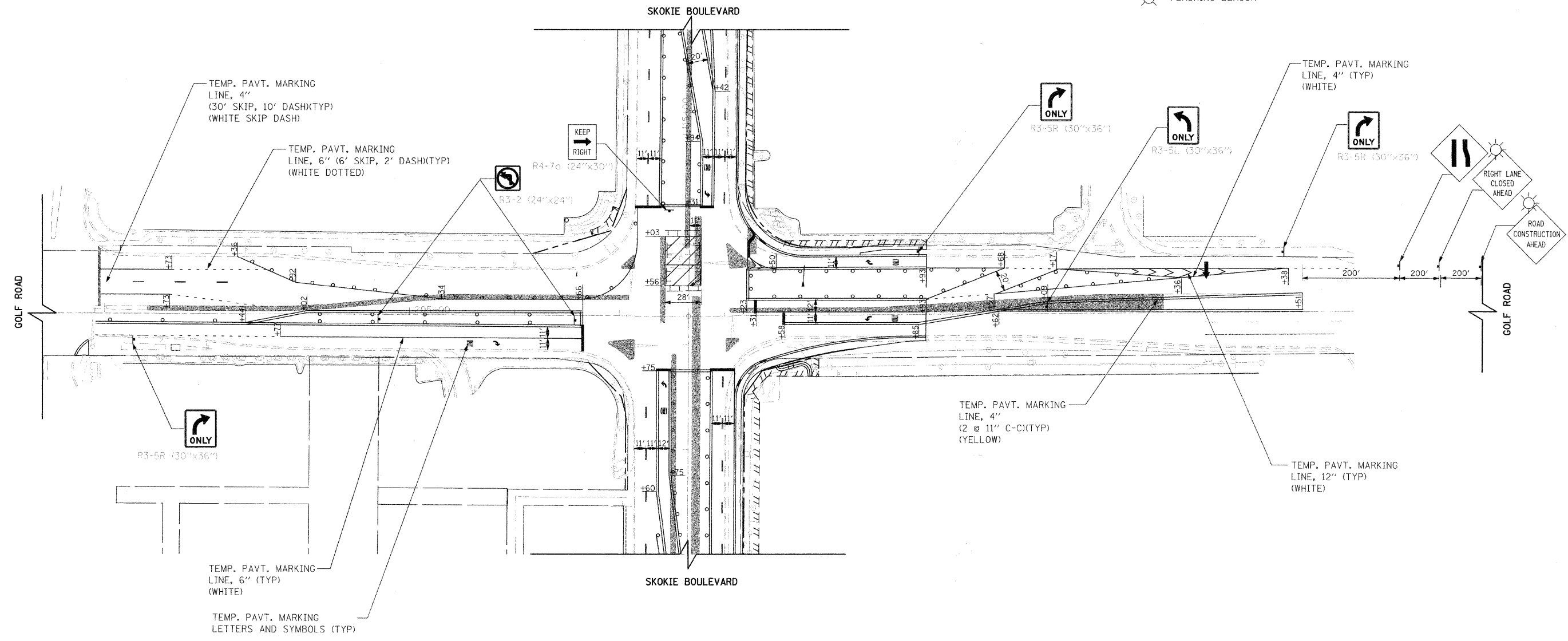
PLOT DATE = 11/13/2008
 PLOT TIME = 10:51:11
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = BUSER

TEMP. PAVT. MARKING LINE, 4" (TYP) (YELLOW)
 TEMP. PAVT. MARKING LINE, 6" (6' SKIP, 2' DASH) (TYP) (WHITE DOTTED)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	31
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

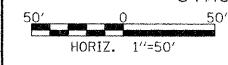
LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ▬ SIGN ON PORTABLE OR PERMANANT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▩ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON



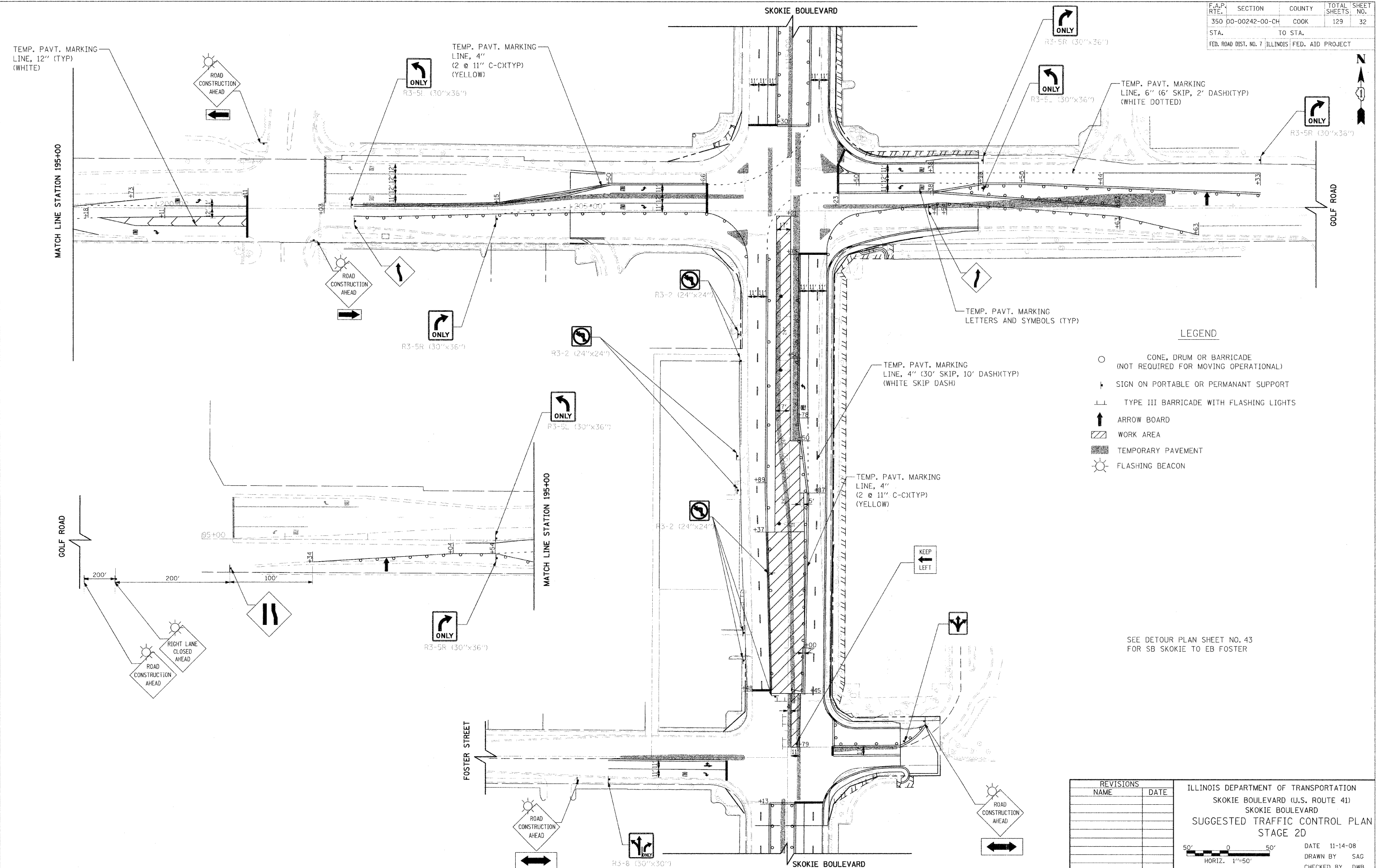
SEE DETOUR PLAN SHEET NO. 43 FOR EB GOLF TO NB SKOKIE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SKOKIE BOULEVARD (U.S. ROUTE 41) SKOKIE BOULEVARD SUGGESTED TRAFFIC CONTROL PLAN STAGE 2C
NAME	DATE	
		<p>DATE 11-14-08 DRAWN BY SAC CHECKED BY DWB</p>



PLOT DATE = 11/13/2008
 PLOT NAME = 63049-31
 PLOT SCALE = AS SHOWN
 USER NAME = BUISERB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	32
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		



LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ⊥ SIGN ON PORTABLE OR PERMANANT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON

SEE DETOUR PLAN SHEET NO. 43 FOR SB SKOKIE TO EB FOSTER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 2D

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

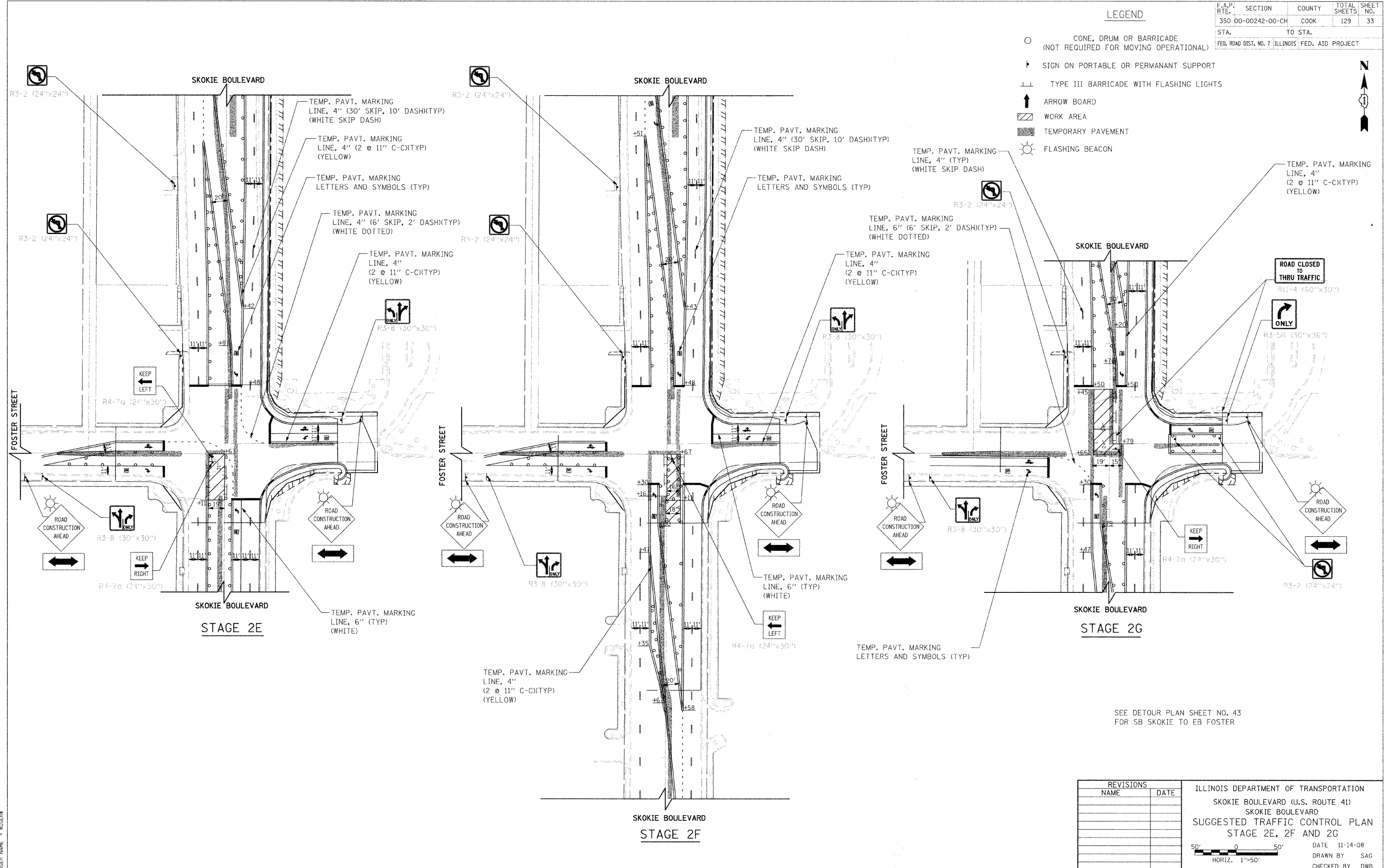
50' 0 50'
 HORIZ. 1"=50'

PLOT DATE = 11/13/2008
 PLOT NAME = 63049-CH-00-CH-32
 PLOT SCALE = 1"=50'
 USER NAME = SAG

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	33
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ↑ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON

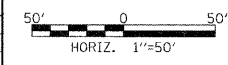


SEE DETOUR PLAN SHEET NO. 43 FOR SB SKOKIE TO EB FOSTER

REVISIONS	
NAME	DATE

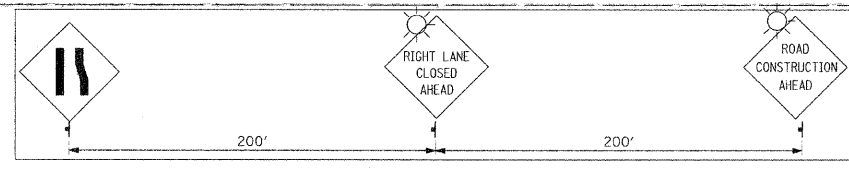
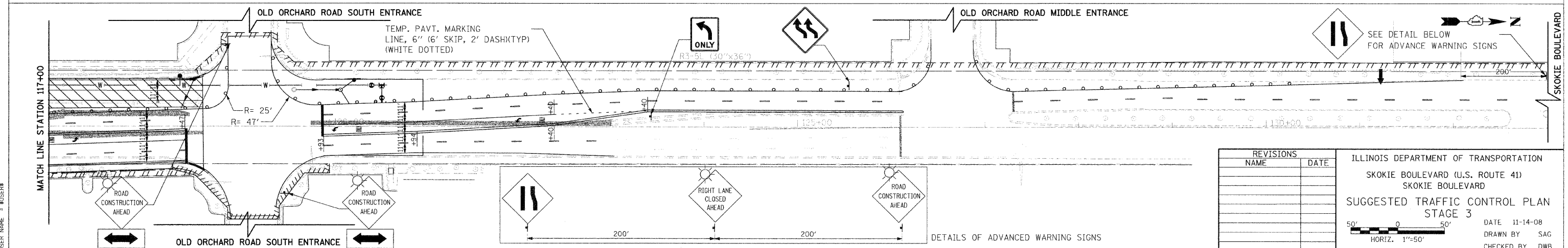
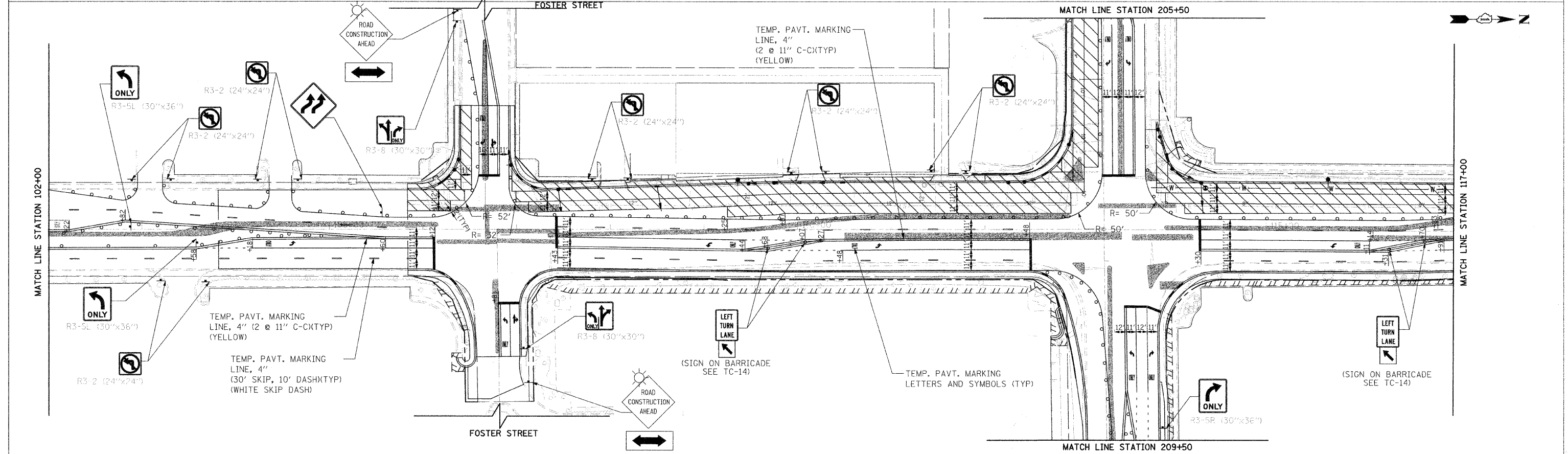
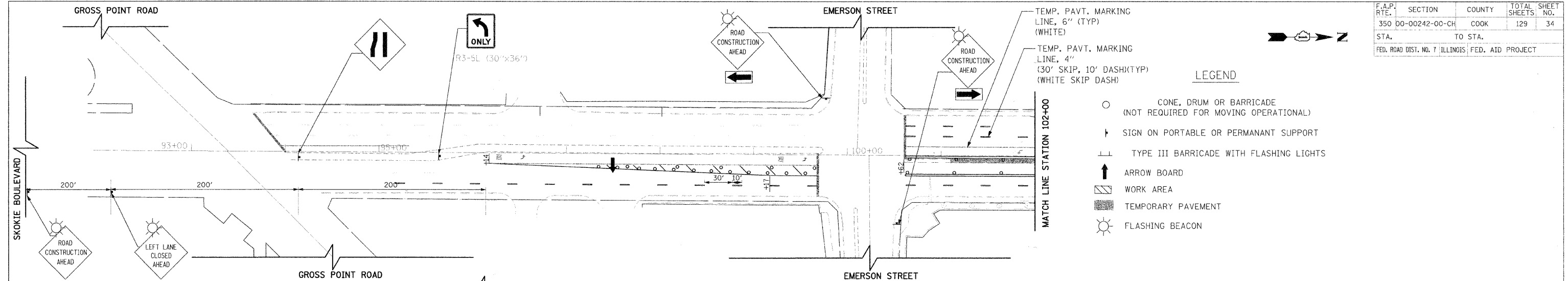
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 2E, 2F AND 2G

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB



PLOT DATE = 11/13/2008
 FILE NAME = 111111.DWG
 USER NAME = DWB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	34
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



REVISIONS	
NAME	DATE

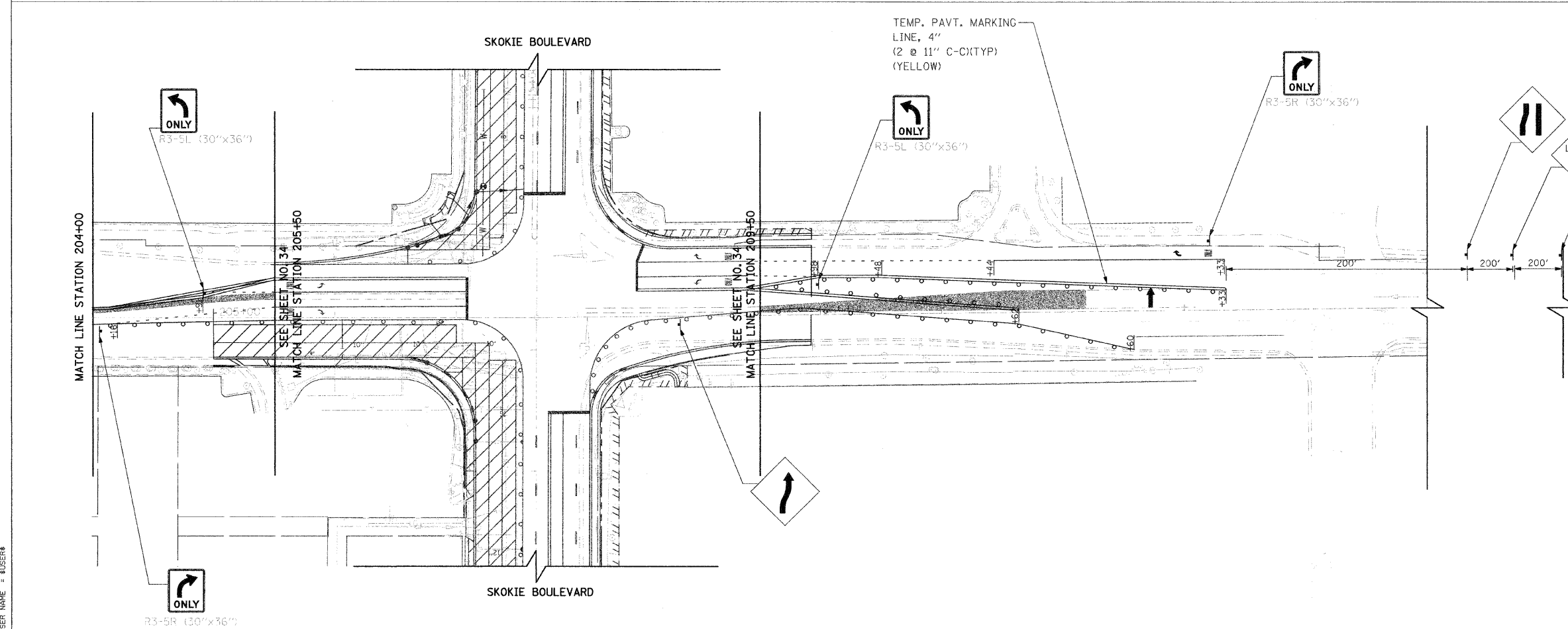
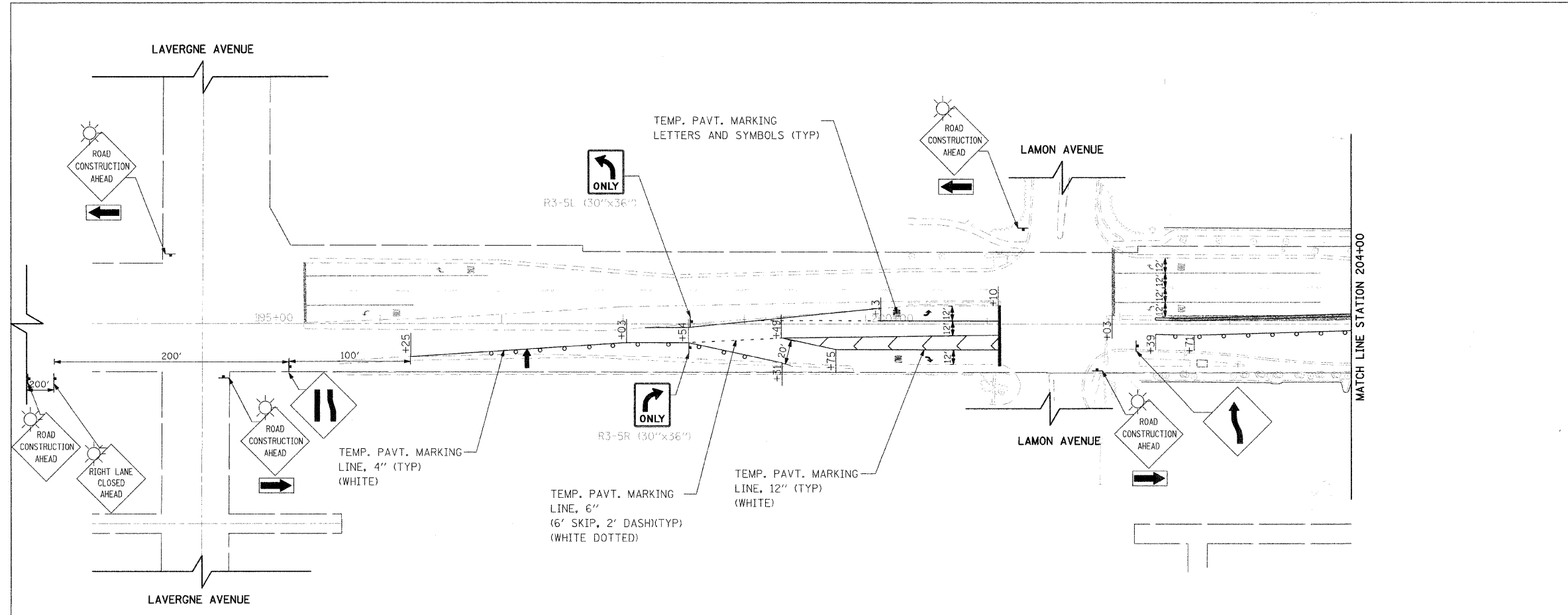
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 3

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

50' 0 50'
 HORIZ. 1"=50'

PLOT DATE = 11/13/2008
 FILE NAME = #111111
 USER NAME = #111111

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	35
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		



LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ▬ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON

REVISIONS	
NAME	DATE

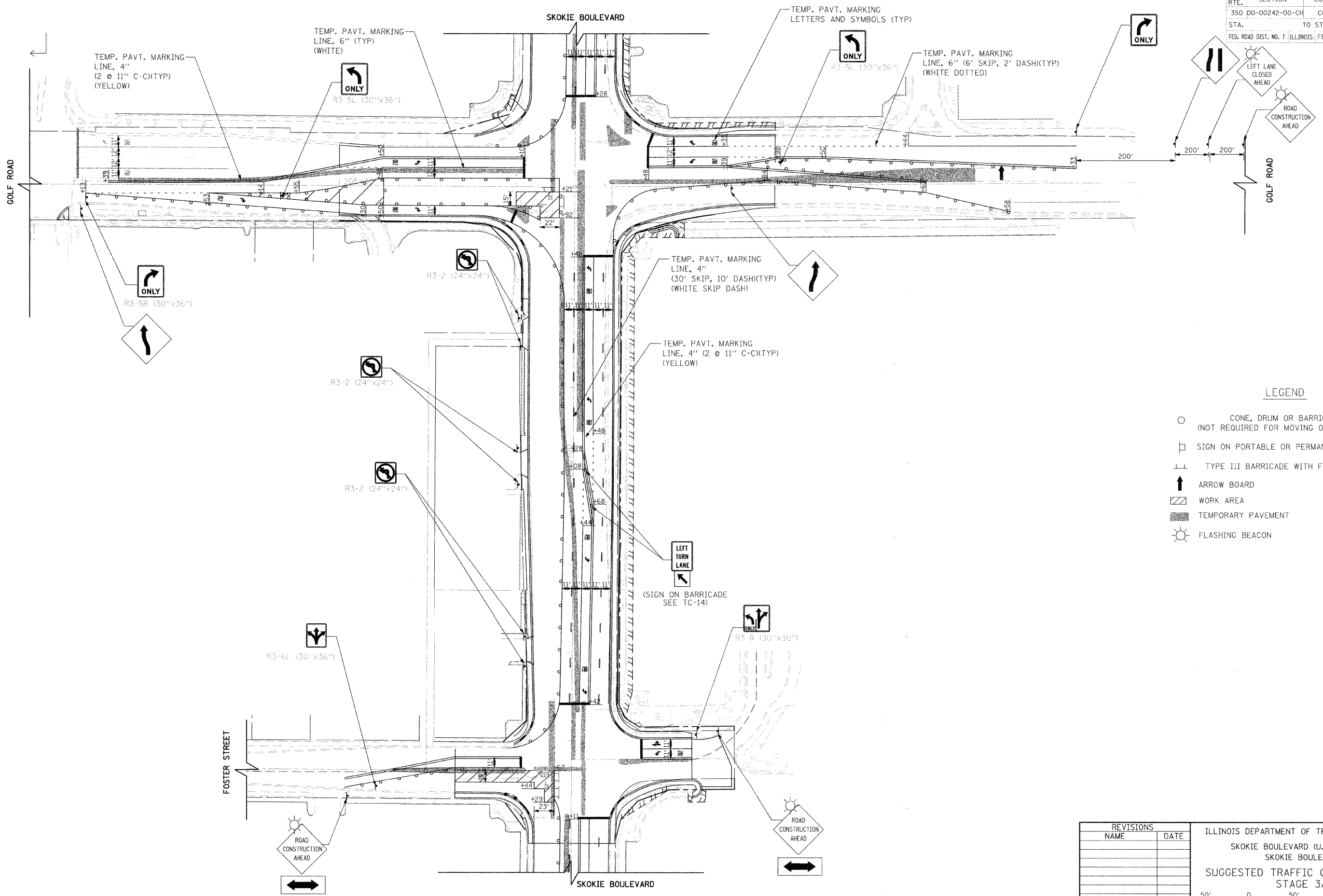
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 GOLF ROAD
SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 3

50' 0 50'
 HORIZ. 1"=50'

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

PLOT DATE: 11/15/2008
 FILE NAME: #FILEL#
 USER NAME: #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	36
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		



LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▩ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON

REVISIONS	
NAME	DATE

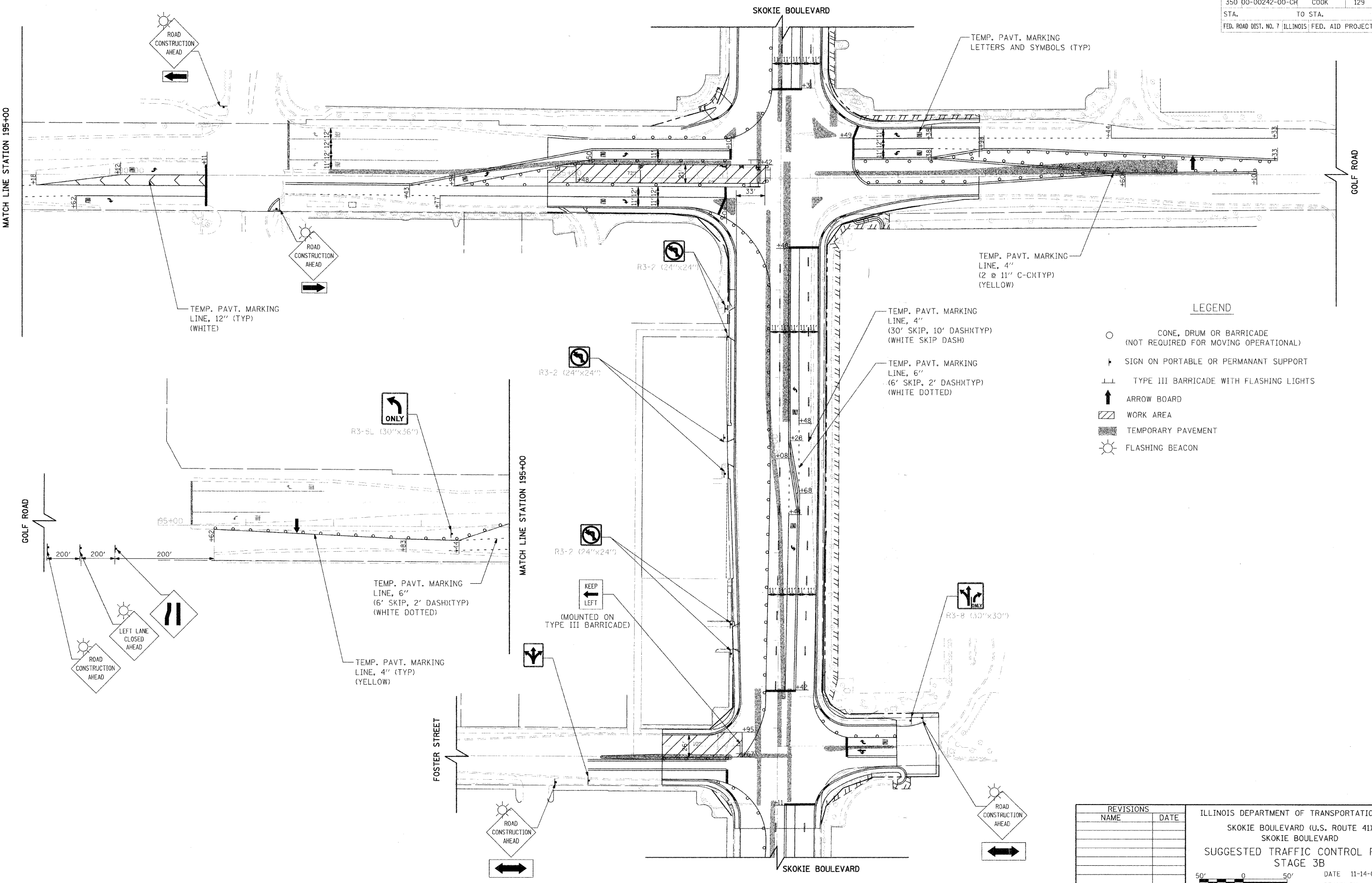
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 3A

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

HORIZ. 1"=50'

PLOT DATE = 11/13/2008
 FILE NAME = #111111
 USER NAME = #111111

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	37
STA.		TO STA.		
FED. ROAD DIST. NO. 7 (ILLINOIS) FED. AID PROJECT				



LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ↑ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON

REVISIONS	
NAME	DATE

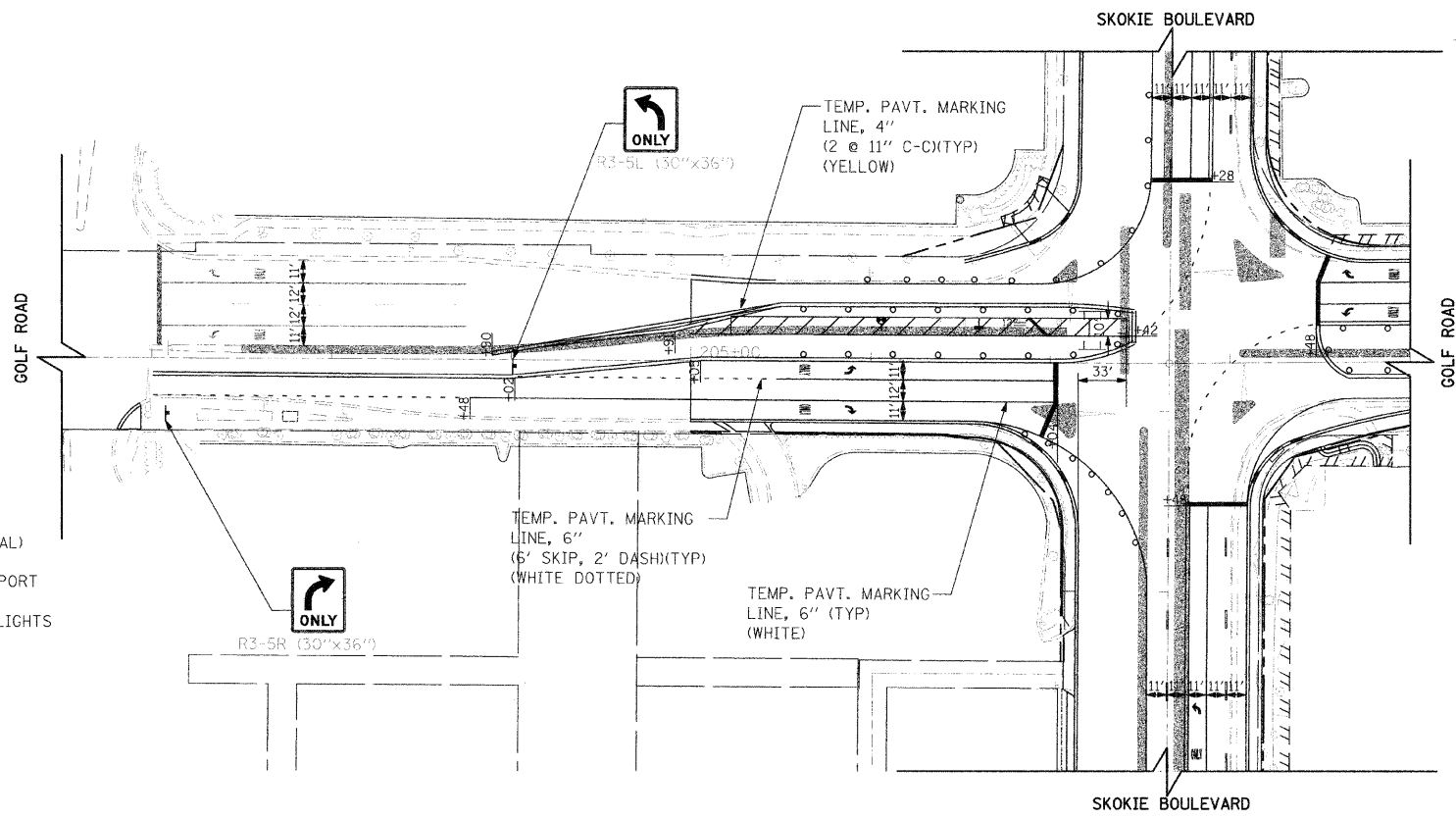
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 3B

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

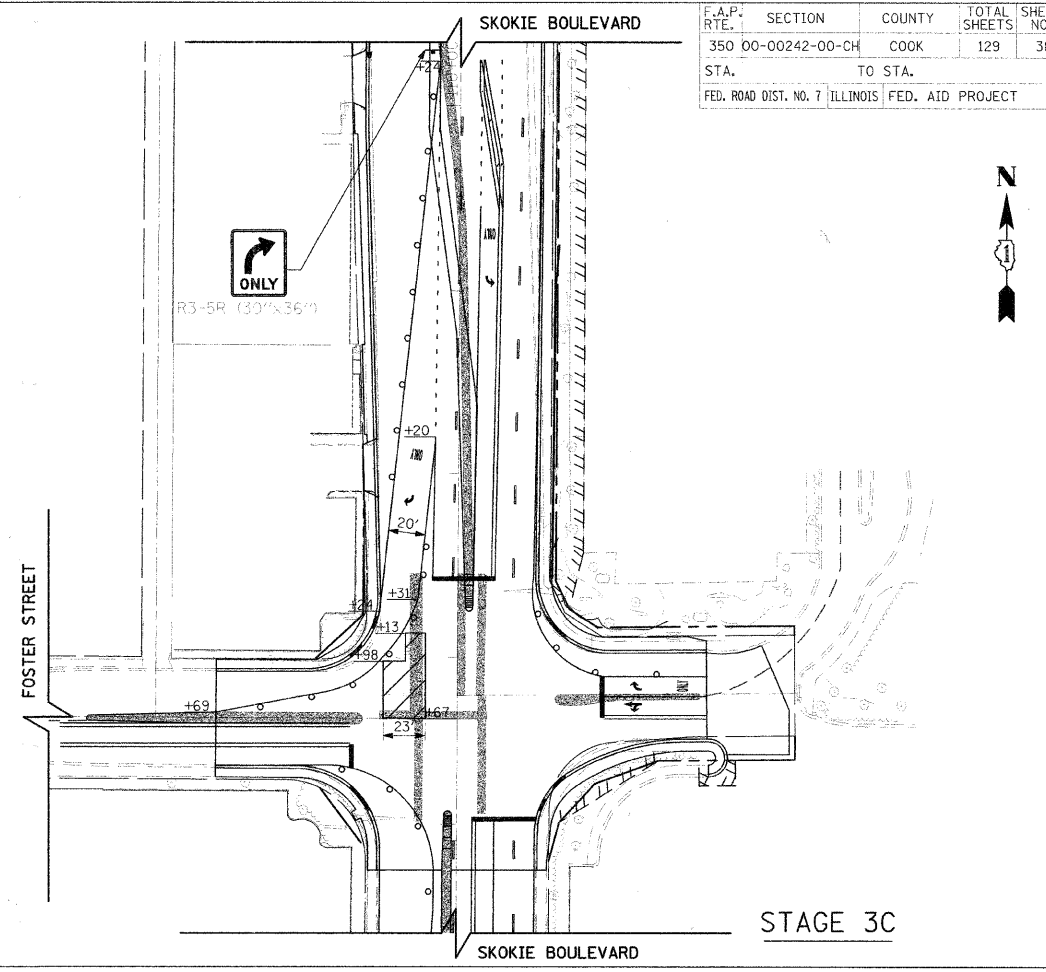
HORIZ. 1"=50'

PLOT DATE = 11/13/2008
 PLOT SCALE = AS SHOWN
 PLOT SCALE = AS SHOWN
 USER NAME = USER

F.A.P. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350 00-00242-00-CH	COOK	129	38
STA.	TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			



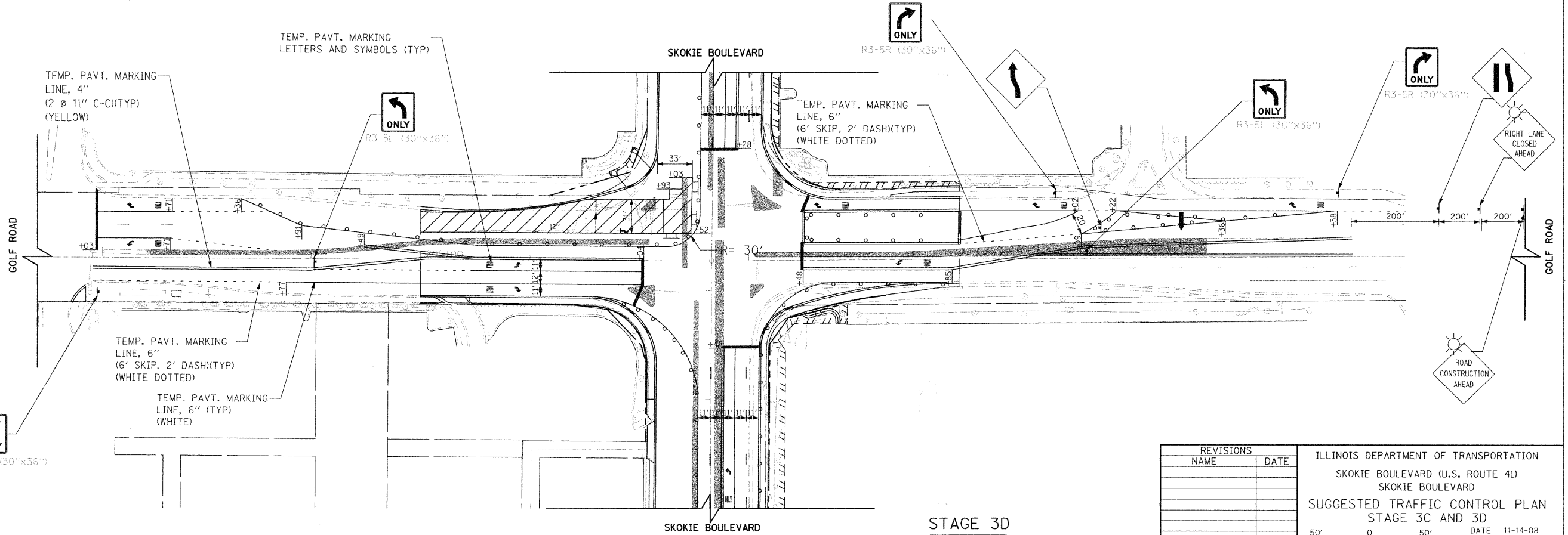
STAGE 3C



STAGE 3C

LEGEND

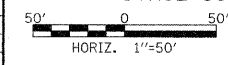
- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ▬ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▩ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON



STAGE 3D

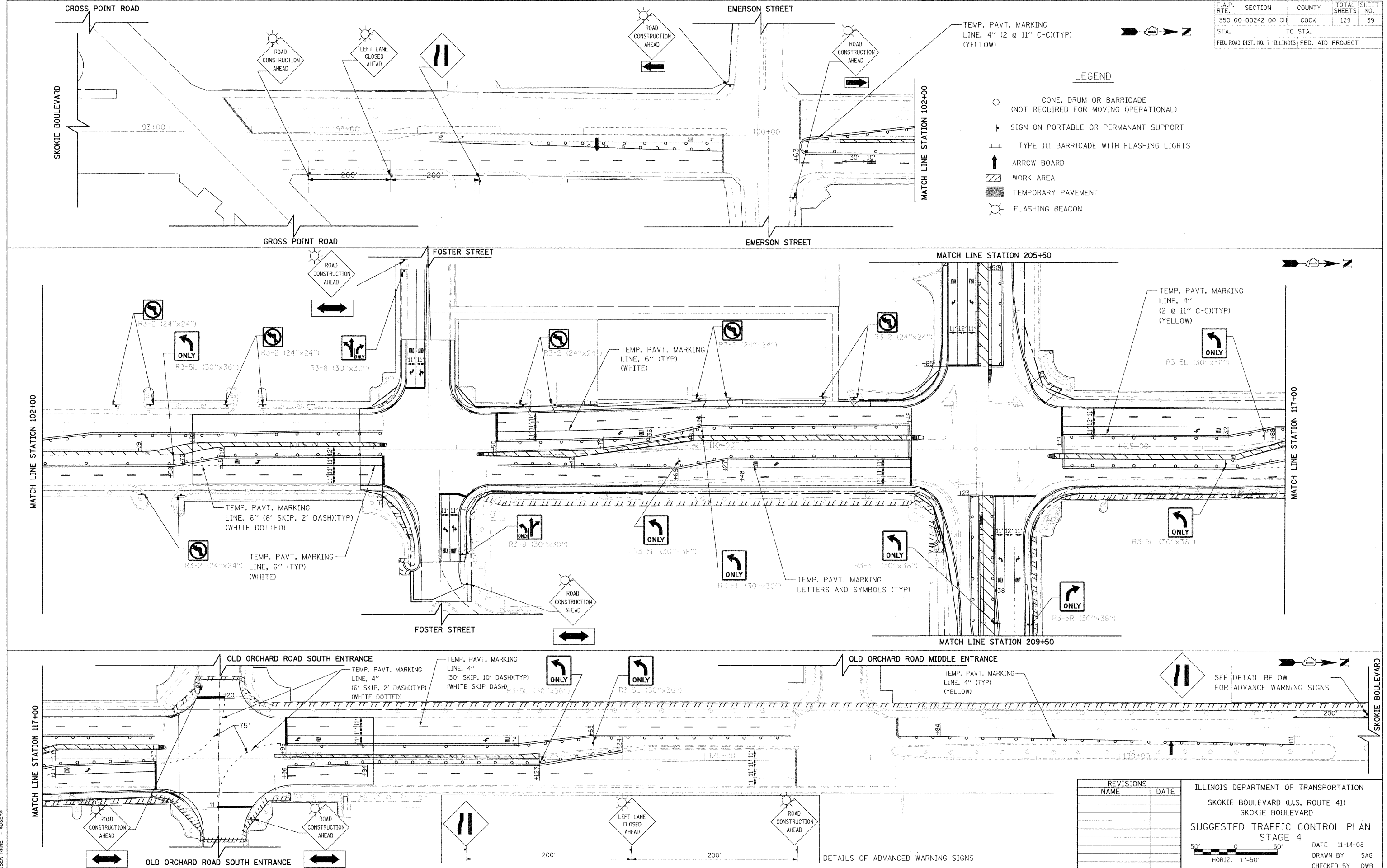
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 3C AND 3D
 DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB



PLOT DATE = 11/13/2008
 FILE NAME = FILEL18
 USER NAME = USER18

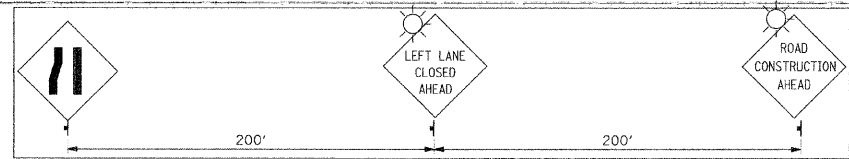
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350 00-00242-00-CH	COOK	ILLINOIS	129	39
STA.	TO STA.		FED. ROAD DIST. NO. 7	
			ILLINOIS FED. AID PROJECT	



TEMP. PAVT. MARKING LINE, 4" (2 @ 11" C-C)(TYP) (YELLOW)

LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- ▶ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON



REVISIONS

NAME	DATE

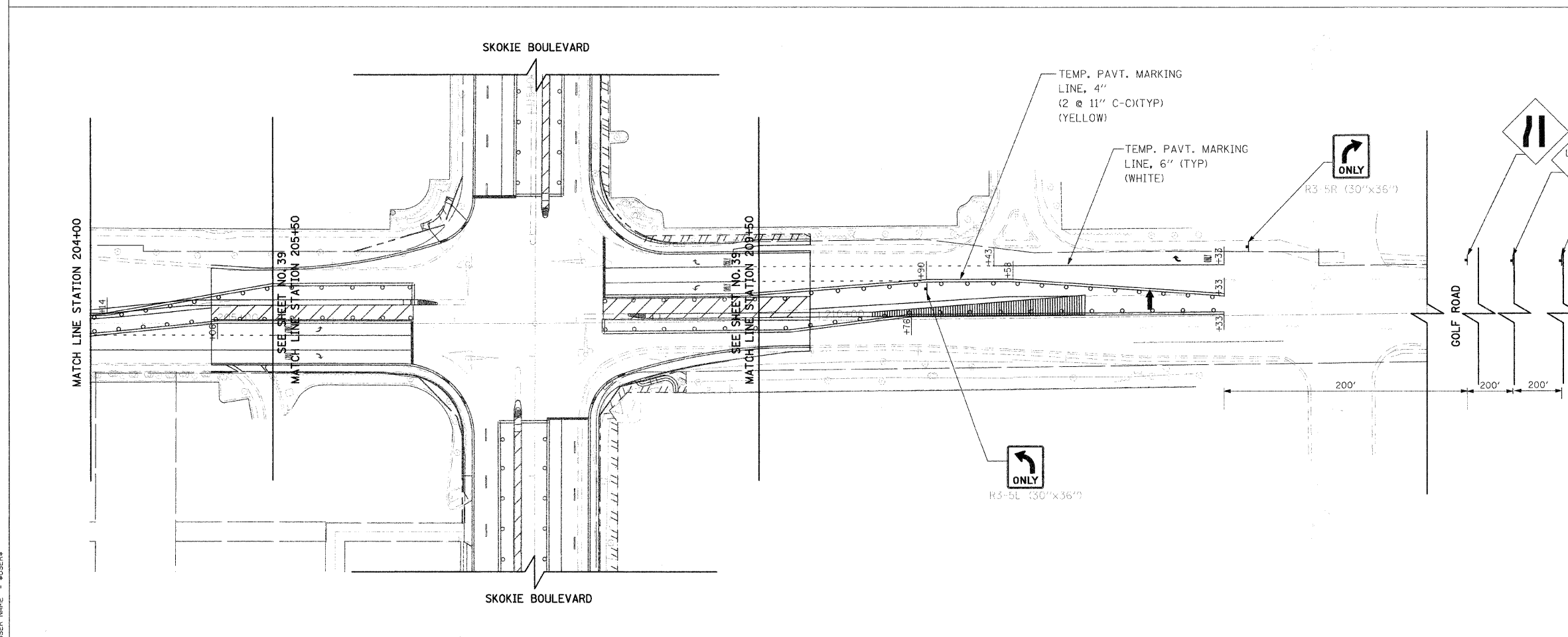
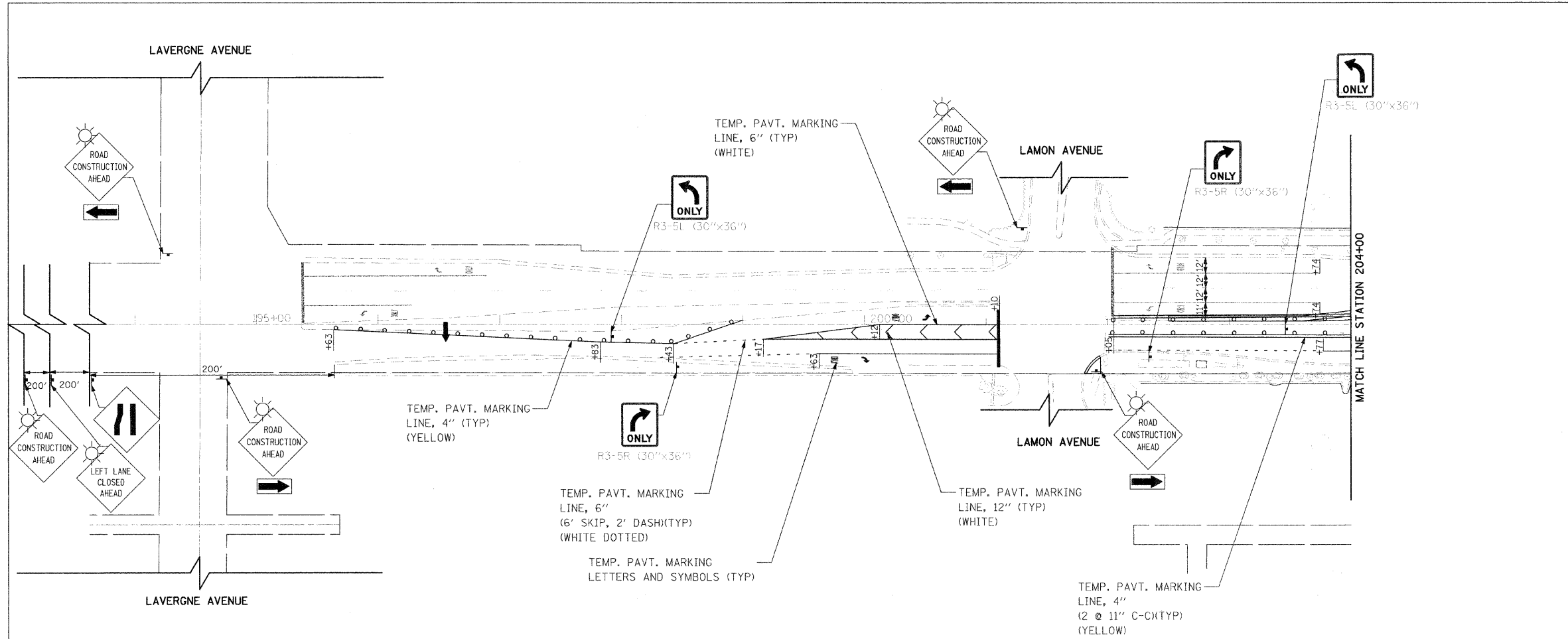
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 4

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

50' 0 50'
 HORIZ. 1"=50'

PLOT DATE = 11/13/2008
 PLOT TIME = 10:58:11
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = RUSSELL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	40
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		



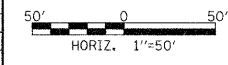
LEGEND

- CONE, DRUM OR BARRICADE (NOT REQUIRED FOR MOVING OPERATIONAL)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ ARROW BOARD
- ▨ WORK AREA
- ▩ TEMPORARY PAVEMENT
- ☀ FLASHING BEACON

REVISIONS	
NAME	DATE

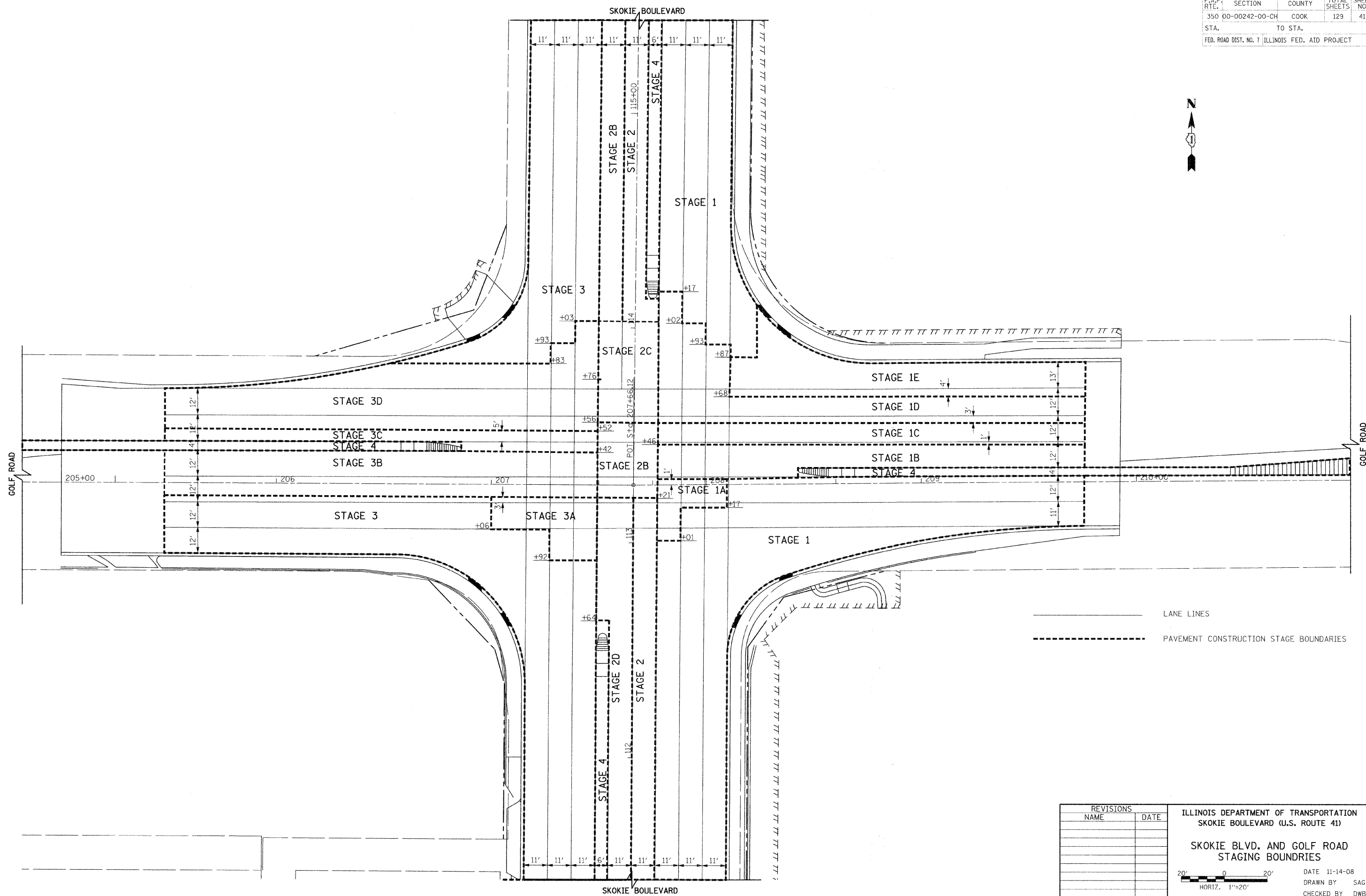
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 GOLF ROAD
 SUGGESTED TRAFFIC CONTROL PLAN
 STAGE 4

DATE 11-14-08
 DRAWN BY SAC
 CHECKED BY DWB



PLOT DATE = 11/13/2008
 FILE NAME = #FILE#
 USER NAME = #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	41
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



PLOT DATE = 11/13/2008
 FILE NAME = SKOKIE.BLDV
 PLOT SCALE = 1"=20'
 USER NAME = RUSHER

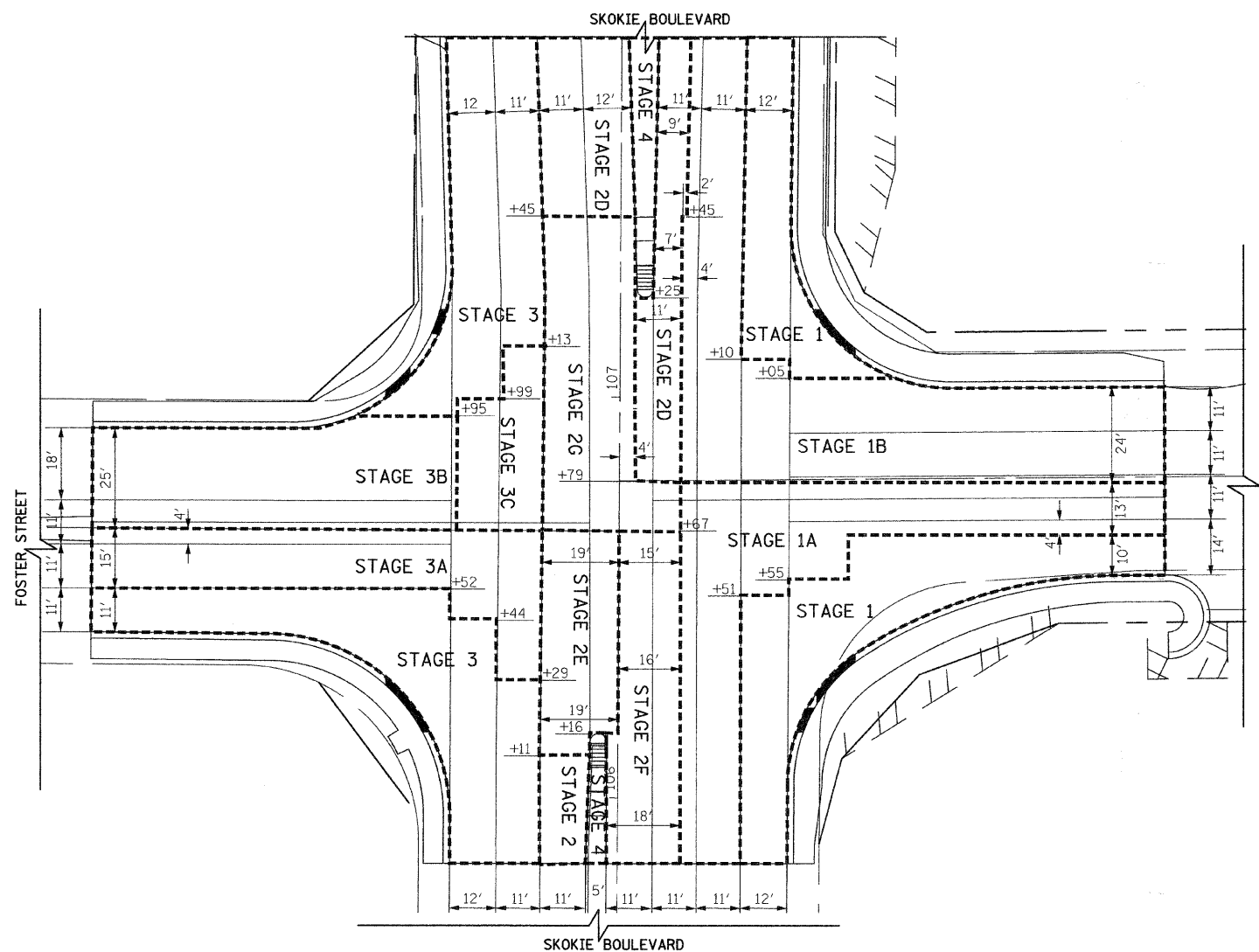
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)

**SKOKIE BLVD. AND GOLF ROAD
 STAGING BOUNDARIES**

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	42
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

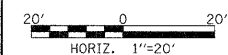


————— LANE LINES
 - - - - - PAVEMENT CONSTRUCTION STAGE BOUNDARIES

PLOT DATE = 11/13/2008
 PLOT SCALE = 1"=20'
 USER NAME = DWB

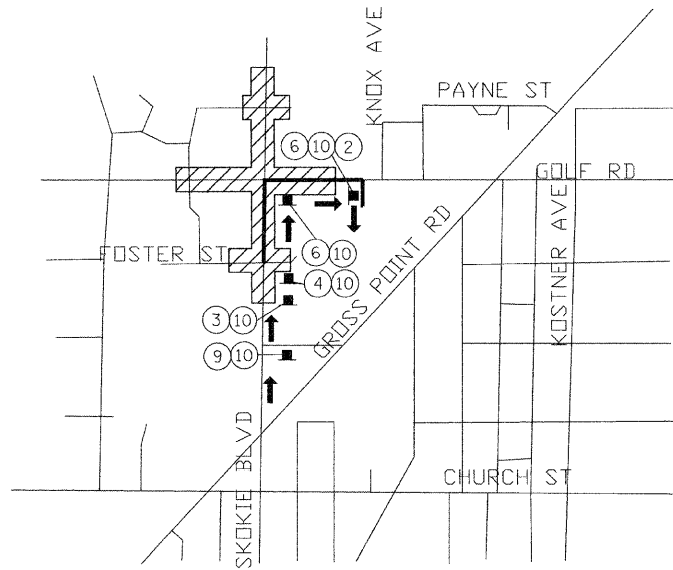
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
SKOKIE BLVD. AND FOSTER STREET
STAGING BOUNDARIES
 DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

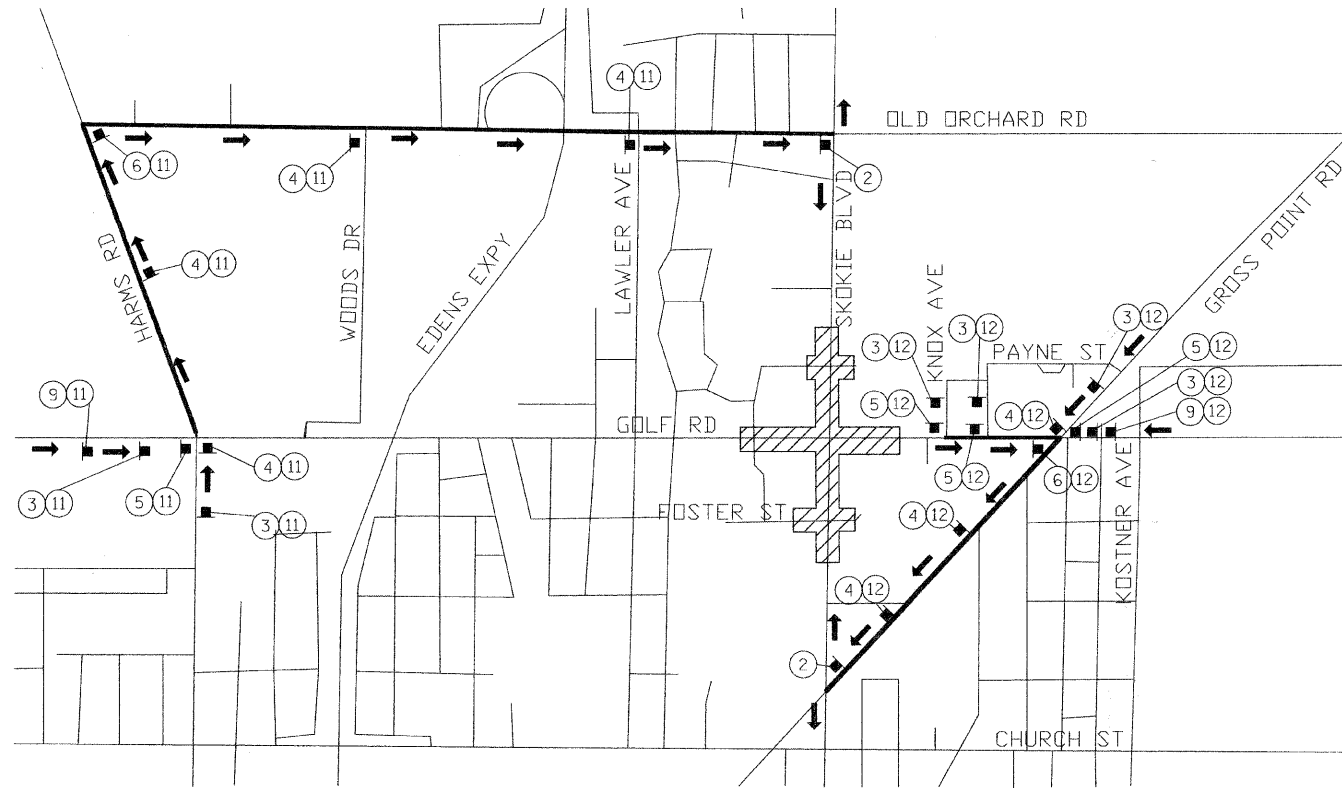


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	DO-00242-00-CH	COOK	129	43
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

STAGE 1A DETOUR
NO RIGHT NB SKOKIE TO EB FOSTER



STAGE 2B AND 2C DETOUR
NO LEFT WB GOLF TO SB SKOKIE (STAGE 2B ONLY)
NO LEFT EB GOLF TO NB SKOKIE (STAGE 2B AND 2C)



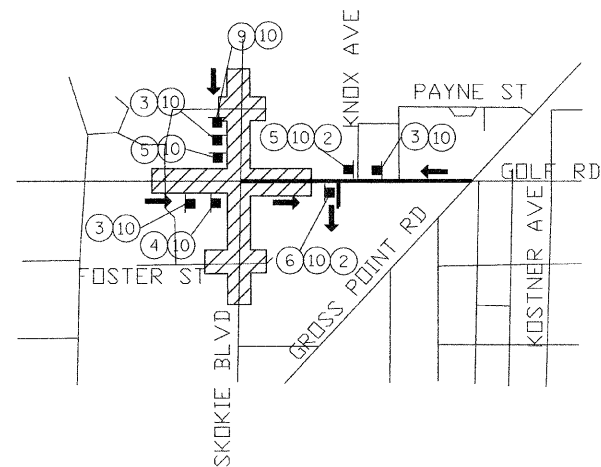
LEGEND

- SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊕ SIGN DESCRIPTION NUMBER
- DETOUR DIRECTION
- ⚡ FLASHING LIGHT (TYPE A)
- DETOUR ROUTE
- ▨ PROJECT WORK AREA

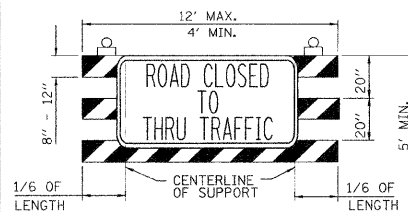
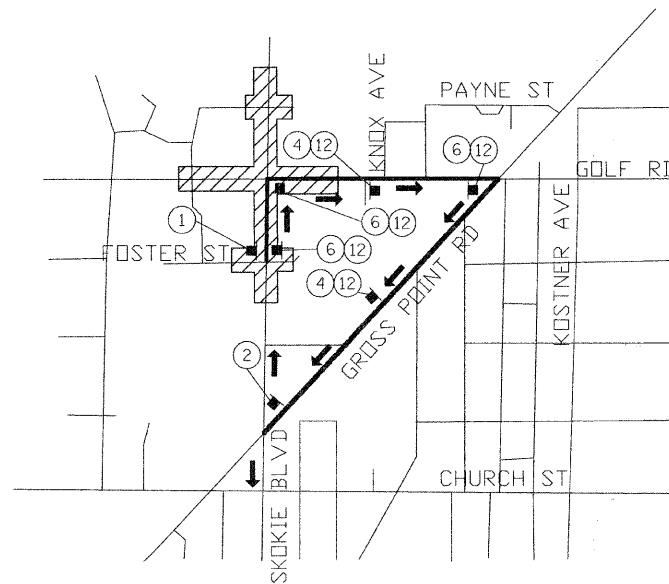
NOTES:

1. SEE STATE STANDARDS AND DETOUR PLANS FOR SIGNING AND BARRICADES.
2. LOCAL ACCESS FOR ALL RESIDENTS AND BUSINESSES SHALL BE MAINTAINED AT ALL TIMES.
3. ALL DETOUR SIGNING AND TRAFFIC CONTROL DEVICES FOR ALL CONSTRUCTION STAGES SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

STAGE 2D DETOUR
NO LEFT SB SKOKIE TO EB FOSTER



STAGE 2G DETOUR
NO THRU AND LEFT WB FOSTER



- ① ROAD CLOSED TO THRU TRAFFIC TYPE III BARRICADE STANDARD FLASHING (DOT HWY STD 702001) W/ R11-4 (60" X 30")
- ② M4-8A 48" X 48" END DETOUR
- ③ W20-2 48" X 48" STANDARD FLASHING BLACK ON ORANGE (REFLECTORIZED)
- ④ M4-9 30" X 24" BLACK ON ORANGE (REFLECTORIZED) DETOUR
- ⑤ M4-9(BL) 30" X 24" BLACK ON ORANGE (REFLECTORIZED) DETOUR
- ⑥ M4-9(BR) 30" X 24" BLACK ON ORANGE (REFLECTORIZED) DETOUR
- ⑦ M4-9R 30" X 24" BLACK ON ORANGE (REFLECTORIZED) DETOUR
- ⑧ M4-9L 30" X 24" BLACK ON ORANGE (REFLECTORIZED) DETOUR
- ⑨ W20-3A 48" X 48" STANDARD FLASHING ROAD CLOSED AHEAD
- ⑩ W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED) FOSTER ST. EASTBOUND
- ⑪ W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED) SKOKIE BLVD. NORTHBOUND
- ⑫ W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED) SKOKIE BLVD. SOUTHBOUND

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)

SUGGESTED DETOUR PLAN

DATE 11-14-08
DRAWN BY JKM
CHECKED BY DWB

NOT TO SCALE

PLOT DATE = 11/13/2008
PLOT SCALE = 1" = 40'
PLOT SHEET NO. = 43
USER NAME = BUSBY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	44
STA. 100+00		TO STA. 112+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



LEGEND

- SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4" NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER
- P** TEMPORARY FENCE, PRUNING, AND ROOT PRUNING
- X** TREE REMOVAL

SKOKIE BOULEVARD

FOSTER STREET

EX ROW

PROJECT BEGINS
SKOKIE BOULEVARD
(U.S. ROUTE 41)
STATION 105+83.67

MATCH LINE STATION 112+00
SEE SHEET NO. 45

TEMPORARY EROSION CONTROL NOTES

1. THE ENGINEER SHALL CONDUCT A FIELD REVIEW FOR EROSION AND SEDIMENT CONTROL WITH THE PRIME AND SUBCONTRACTORS PRIOR TO ANY EARTHWORK OPERATIONS TO DETERMINE TIMING ADVANCEMENT OF CONTROL MEASURES.
2. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES IMMEDIATELY AFTER STRIPPING OF EXISTING VEGETATION.
3. NO CONCENTRATED RUNOFF FLOW FROM STRIPPED AREAS SHALL LEAVE THE SITE WITHOUT BEING TREATED. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT EROSION CONTROL MEASURES ACCORDINGLY.
4. THE FILTERS SHALL BE PROVIDED ON ALL PROPOSED INLETS AND CATCH BASINS WITHIN THE PROJECT LIMITS. SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING WILL BE REQUIRED DURING THE CONSTRUCTION PERIOD AS NEEDED. AN ESTIMATED QUANTITY OF 2 ADDITIONAL CLEANINGS HAS BEEN INCLUDED IN THE QUANTITIES.
5. EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AND ENGINEER AT LEAST ONCE EVERY SEVEN DAYS WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2" OF PRECIPITATION OR EQUIVALENT SNOWFALL.
6. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 06-60.
7. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL, BUT NO MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED IN AN AREA WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

PR ROW

PR ROW

PR TEMP EASEMENT

THEATER ENTRANCE

TREE REPLACEMENT					
IDOT CODE	SCIENTIFIC NAME	COMMON NAME	STATION	OFFSET	
FOSTER STREET					
D2002788	PINUS NIGRA	AUSTRIAN PINE	106+31	84	RT
D2002788	PINUS NIGRA	AUSTRIAN PINE	106+40	88	RT
A2004616	GLEDITSIA TRIACANTHES INERMIS	THORNLESS COMMON HONEY LOCUST	106+45	115	RT

PLOT DATE = 11/13/2008
FILE NAME = 111408.DWG
USER NAME = DWB

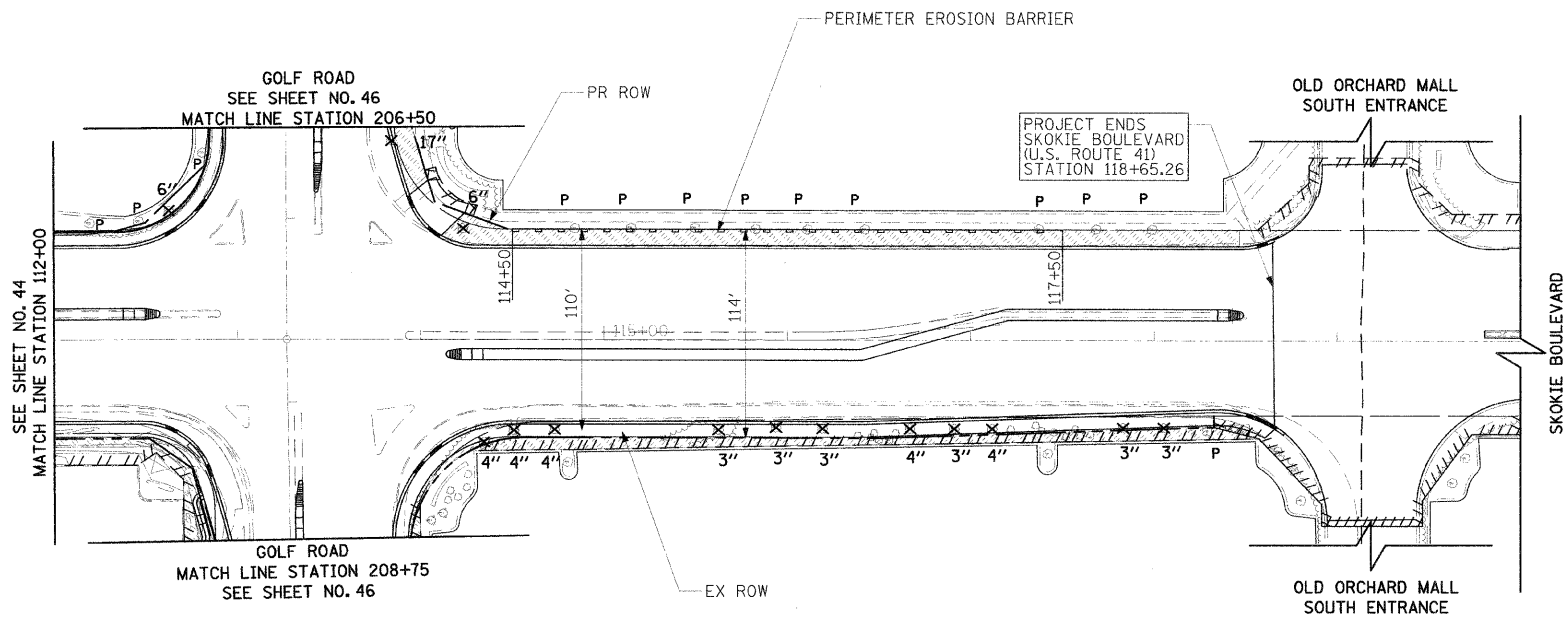
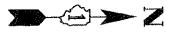
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)
SKOKIE BOULEVARD
LANDSCAPING & EROSION CONTROL
STA. 100+00 TO STA. 112+00

DATE 11-14-08
DRAWN BY SAG
CHECKED BY DWB

50' 0 50'
HORIZ. 1"=50'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	45
STA. 112+00		TO STA. 120+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



LEGEND



SODDING, SALT TOLERANT
TOPSOIL FURNISH AND PLACE, 4"
NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER

P

TEMPORARY FENCE, PRUNING, AND ROOT PRUNING

X

TREE REMOVAL

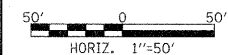
TREE REMOVAL		
STATION	OFFSET	UNIT
SKOKIE BOULEVARD		
112+63	70	LT 6
113+85	109	LT 17
114+23	61	LT 6

TREE REPLACEMENT					
IDOT CODE	SCIENTIFIC NAME	COMMON NAME	STATION	OFFSET	
SKOKIE BOULEVARD					
B2003416	MALUS FLORIBUNDA	JAPANESE FLOWERING CRABAPPLE	112+63	70	LT
A2002916	CELTIS OCCIDENTALIS	COMMON HACKBERRY	113+85	109	LT
XX007008	PYRUS CALLERYANA	CHANTICLEER FLOWERING PEAR	114+23	61	LT
XX007008	PYRUS CALLERYANA	CHANTICLEER FLOWERING PEAR	114+35	56	RT
XX007008	PYRUS CALLERYANA	CHANTICLEER FLOWERING PEAR	114+51	49	RT
XX007008	PYRUS CALLERYANA	CHANTICLEER FLOWERING PEAR	114+73	48	RT
XX007008	PYRUS CALLERYANA	CHANTICLEER FLOWERING PEAR	115+62	49	RT
XX007008	PYRUS CALLERYANA	CHANTICLEER FLOWERING PEAR	115+94	47	RT
A2000616	ACER PLATANOIDES	NORWAY MAPLE	116+19	48	RT
A2000616	ACER PLATANOIDES	NORWAY MAPLE	116+67	48	RT
A2000616	ACER PLATANOIDES	NORWAY MAPLE	116+91	48	RT
A2000616	ACER PLATANOIDES	NORWAY MAPLE	117+12	48	RT
A2000616	ACER PLATANOIDES	NORWAY MAPLE	117+83	47	RT
A2000616	ACER PLATANOIDES	NORWAY MAPLE	118+05	47	RT

PLOT DATE = 11/13/2008
 PLOT SCALE = 1"=50'
 USER NAME = USER

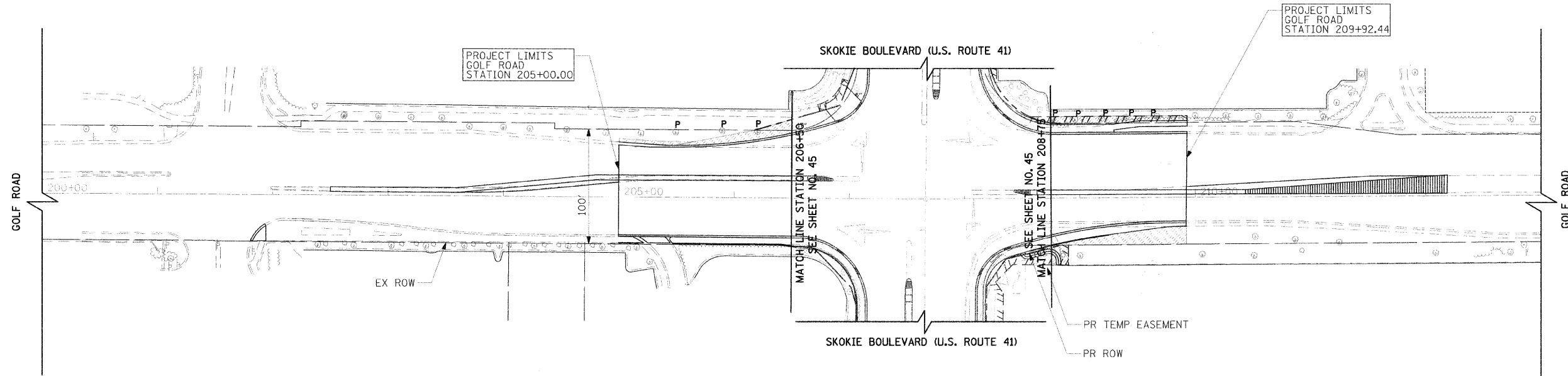
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 LANDSCAPING & EROSION CONTROL
 STA. 112+00 TO STA. 120+00



DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	46
STA. 200+00		TO STA. 213+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



LEGEND



SODDING, SALT TOLERANT
TOPSOIL FURNISH AND PLACE, 4"
NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER

P

TEMPORARY FENCE, PRUNING, AND ROOT PRUNING

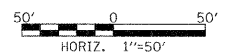
X

TREE REMOVAL

PLOT DATE = 11/13/2008
PLOT TIME = 10:00 AM
PLOT SCALE = AS SHOWN
USER NAME = USER

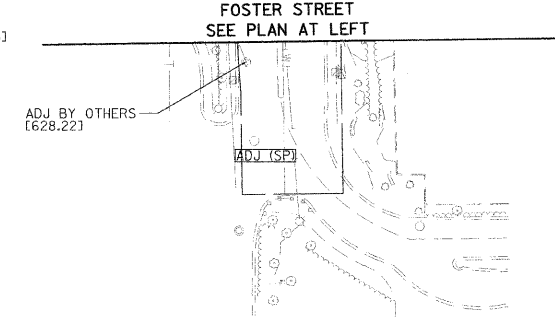
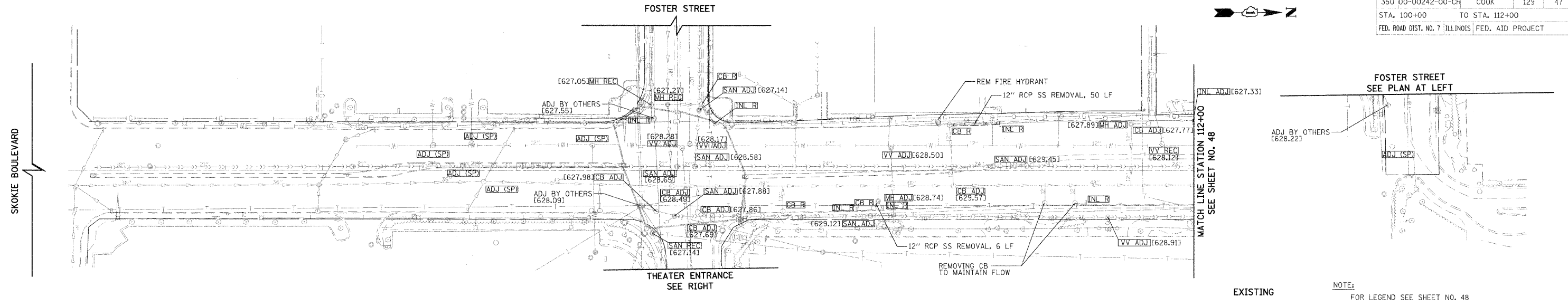
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)
GOLF ROAD
LANDSCAPING & EROSION CONTROL
STA. 200+00 TO STA. 213+00



DATE 11-14-08
DRAWN BY SAG
CHECKED BY DWB

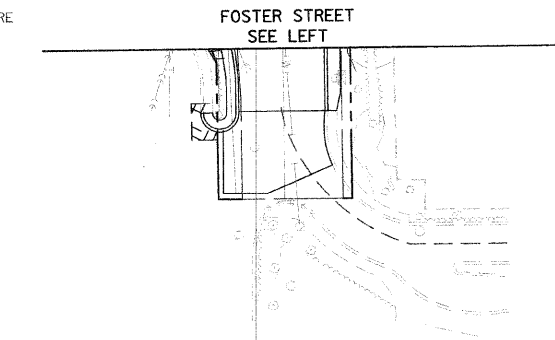
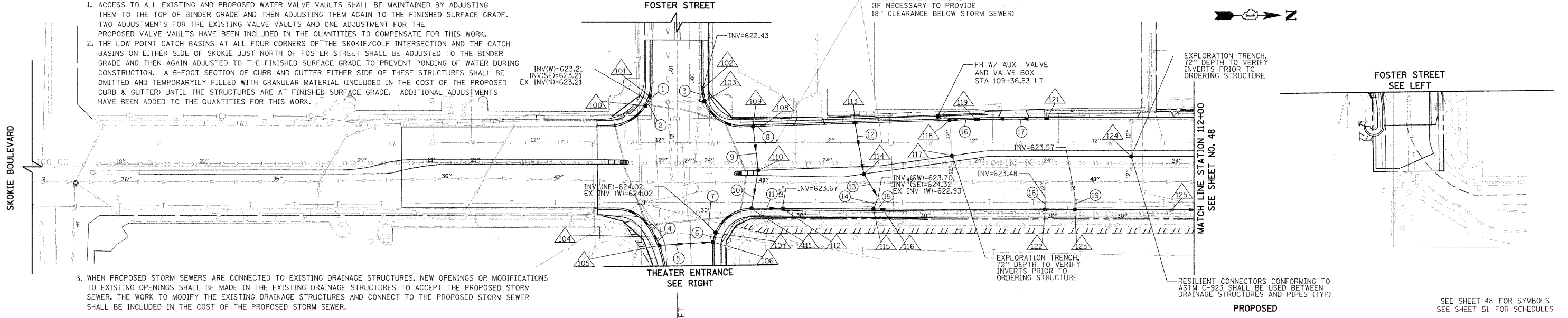
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	47
STA. 100+00		TO STA. 112+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



EXISTING
NOTE:
FOR LEGEND SEE SHEET NO. 48

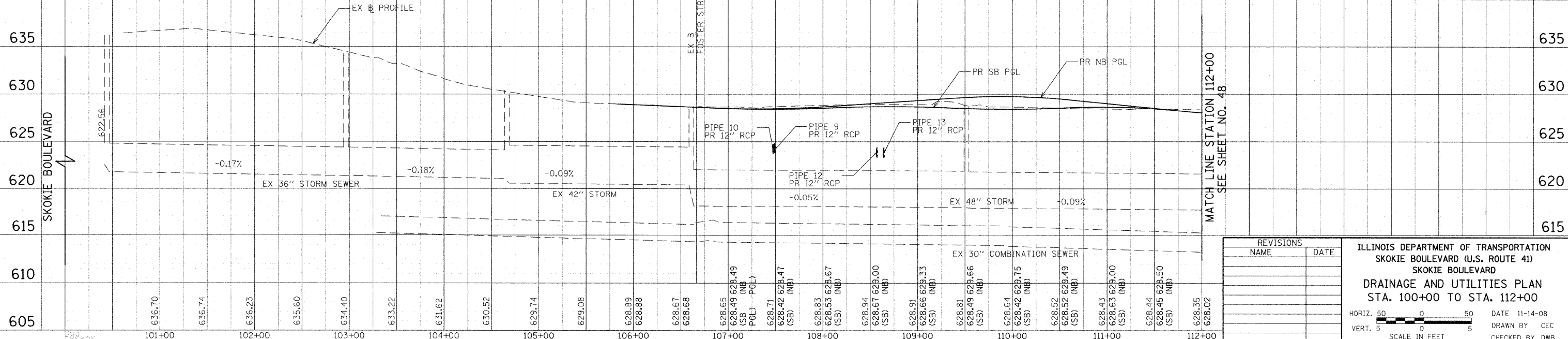
DRAINAGE NOTES:

1. ACCESS TO ALL EXISTING AND PROPOSED WATER VALVE VAULTS SHALL BE MAINTAINED BY ADJUSTING THEM TO THE TOP OF BINDER GRADE AND THEN ADJUSTING THEM AGAIN TO THE FINISHED SURFACE GRADE. TWO ADJUSTMENTS FOR THE EXISTING VALVE VAULTS AND ONE ADJUSTMENT FOR THE PROPOSED VALVE VAULTS HAVE BEEN INCLUDED IN THE QUANTITIES TO COMPENSATE FOR THIS WORK.
2. THE LOW POINT CATCH BASINS AT ALL FOUR CORNERS OF THE SKOKIE/GOLF INTERSECTION AND THE CATCH BASINS ON EITHER SIDE OF SKOKIE JUST NORTH OF FOSTER STREET SHALL BE ADJUSTED TO THE BINDER GRADE AND THEN AGAIN ADJUSTED TO THE FINISHED SURFACE GRADE TO PREVENT PONDING OF WATER DURING CONSTRUCTION. A 5-FOOT SECTION OF CURB AND GUTTER EITHER SIDE OF THESE STRUCTURES SHALL BE OMITTED AND TEMPORARILY FILLED WITH GRANULAR MATERIAL (INCLUDED IN THE COST OF THE PROPOSED CURB & GUTTER) UNTIL THE STRUCTURES ARE AT FINISHED SURFACE GRADE. ADDITIONAL ADJUSTMENTS HAVE BEEN ADDED TO THE QUANTITIES FOR THIS WORK.



PROPOSED
SEE SHEET 48 FOR SYMBOLS
SEE SHEET 51 FOR SCHEDULES

3. WHEN PROPOSED STORM SEWERS ARE CONNECTED TO EXISTING DRAINAGE STRUCTURES, NEW OPENINGS OR MODIFICATIONS TO EXISTING OPENINGS SHALL BE MADE IN THE EXISTING DRAINAGE STRUCTURES TO ACCEPT THE PROPOSED STORM SEWER. THE WORK TO MODIFY THE EXISTING DRAINAGE STRUCTURES AND CONNECT TO THE PROPOSED STORM SEWER SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)
SKOKIE BOULEVARD
DRAINAGE AND UTILITIES PLAN
STA. 100+00 TO STA. 112+00

HORIZ. 50 0 50
VERT. 5 0 5
SCALE IN FEET

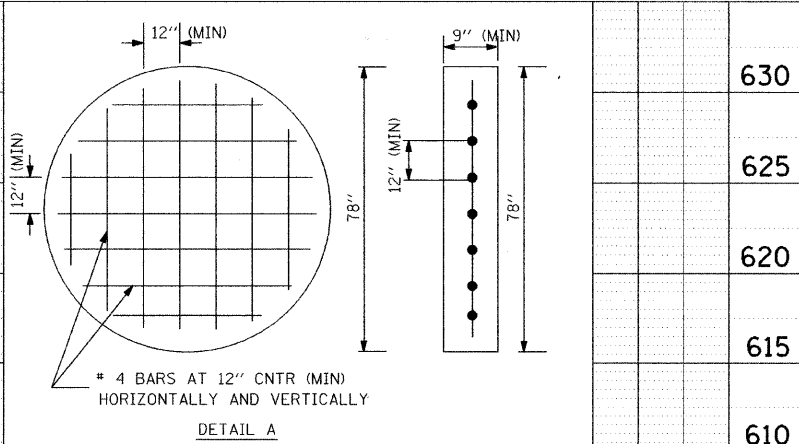
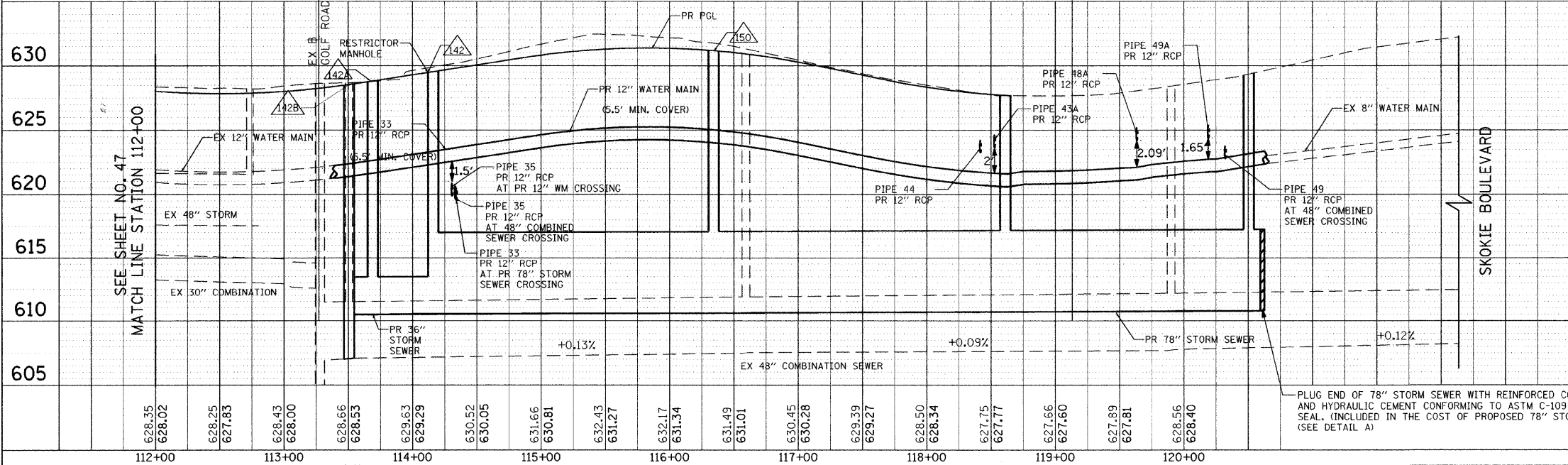
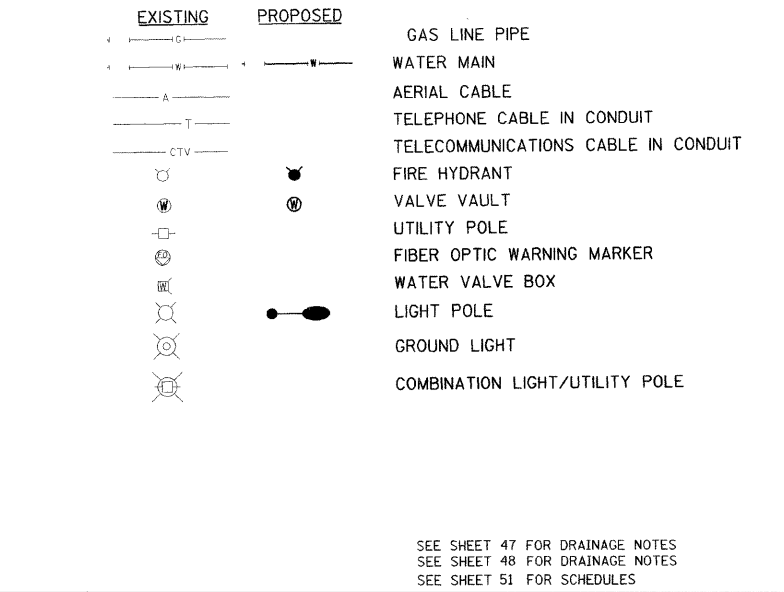
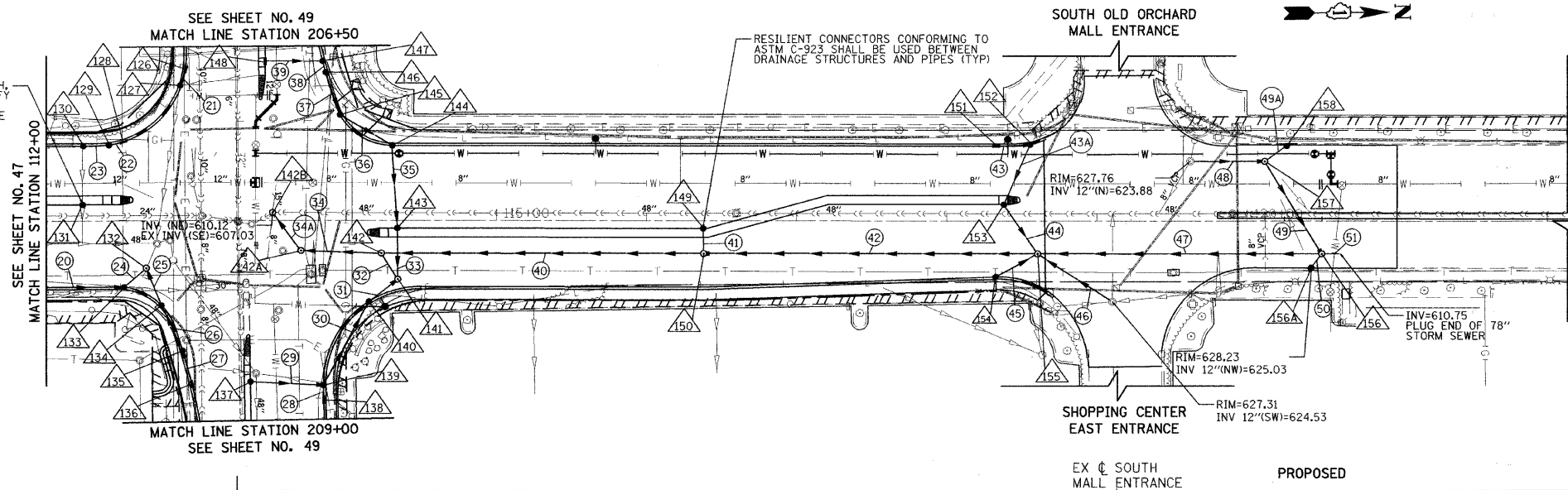
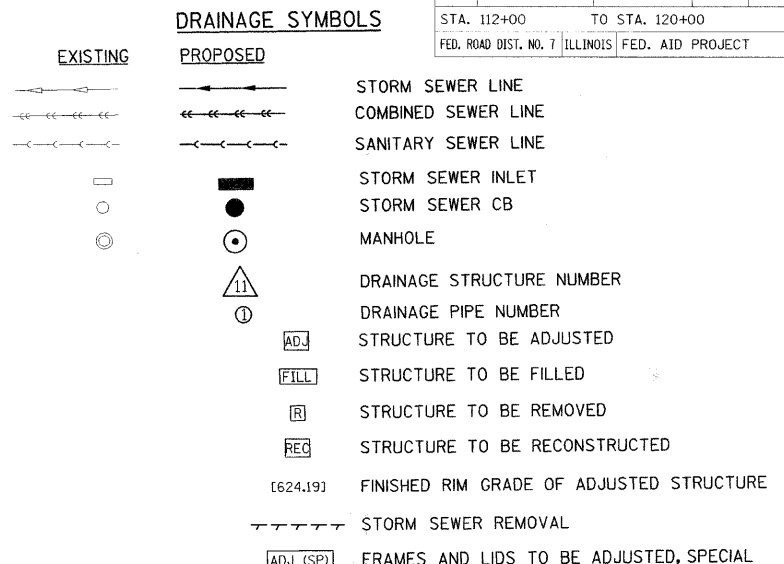
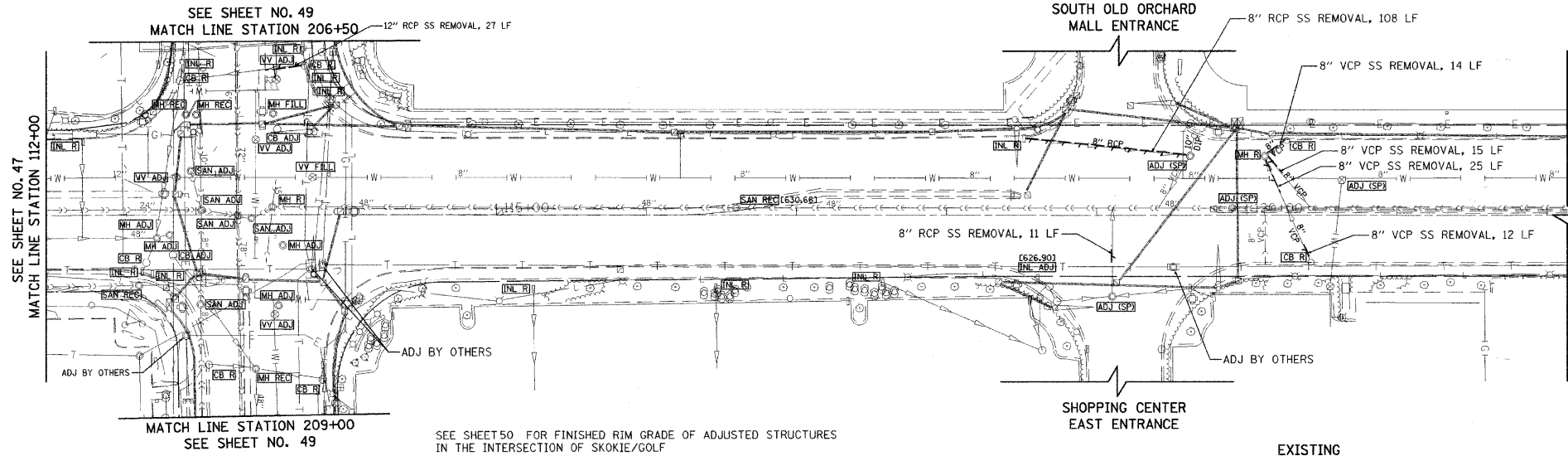
DATE 11-14-08
DRAWN BY CEC
CHECKED BY DWB

DATE	BY	REVISION

DATE	BY	REVISION

PLOT DATE = 11/13/2008
PLOT SCALE = 1"=40'
USER NAME = BUSERS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	48
STA. 112+00		TO STA. 120+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)
SKOKIE BOULEVARD
DRAINAGE AND UTILITIES PLAN
STA. 112+00 TO STA. 120+00

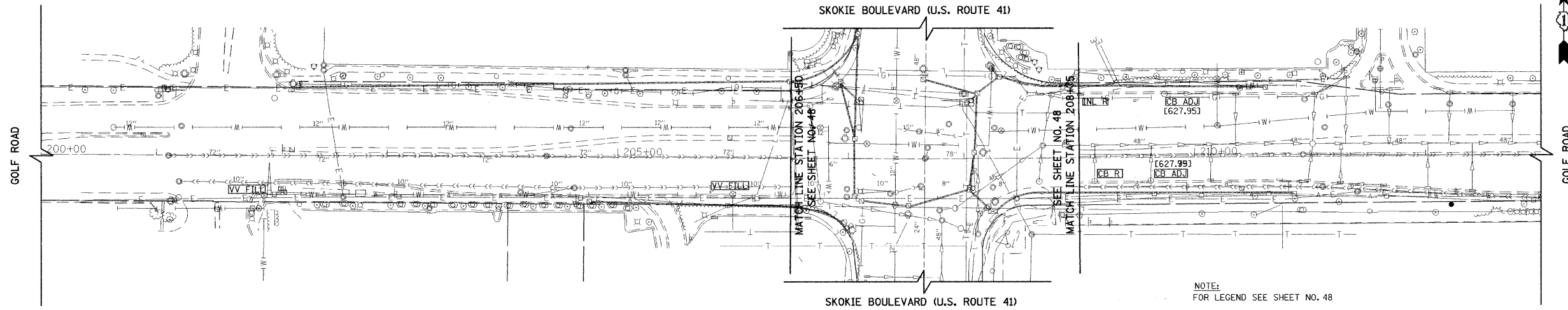
HORIZ. 50 0 50 DATE 11-14-08
VERT. 5 0 5 DRAWN BY CEC
SCALE IN FEET CHECKED BY DWB

PLAN	DATE	BY

PROFILE	DATE	BY

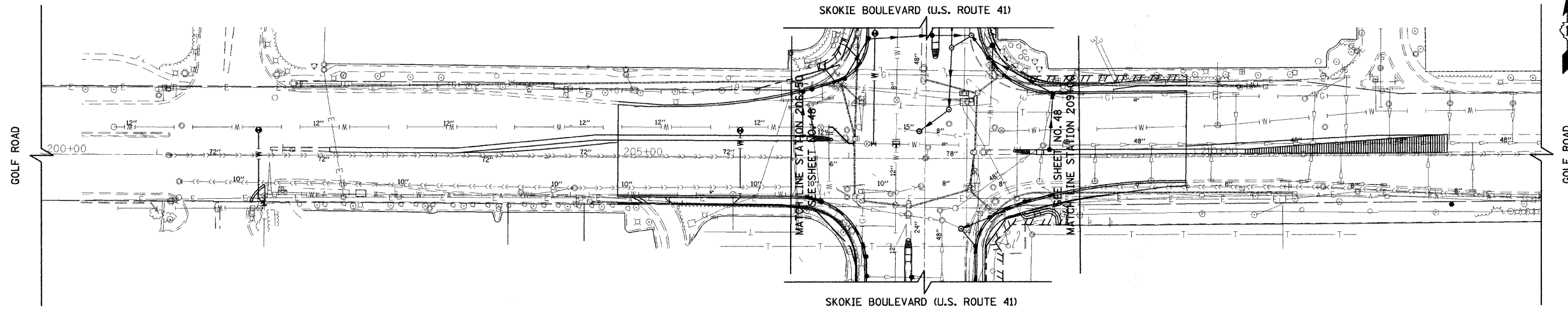
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FILE NAME = 63049.DWG
PLOT SCALE = 1/8"=1'-0"
USER NAME = USER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	49
STA. 200+00		TO STA. 213+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



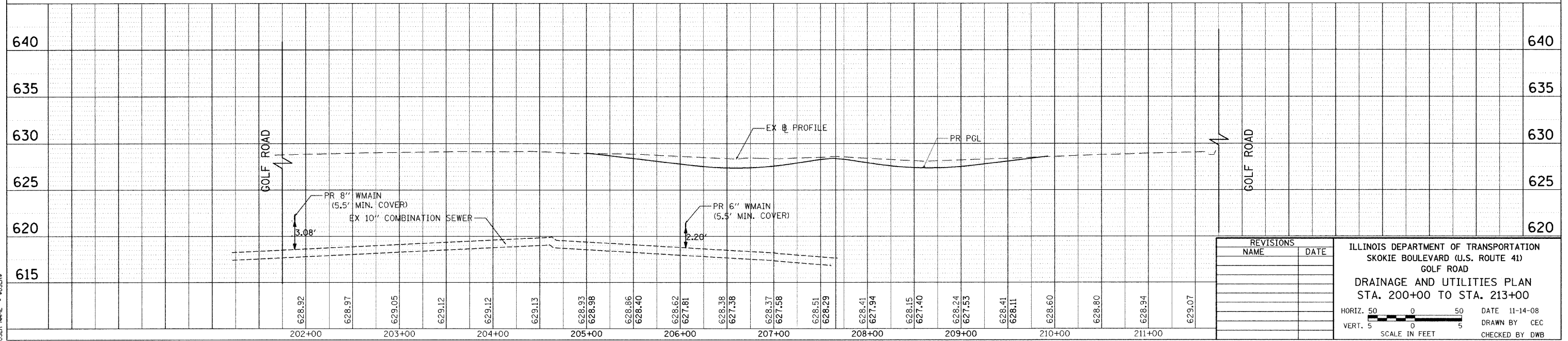
NOTE:
FOR LEGEND SEE SHEET NO. 48

EXISTING



PROPOSED

SEE SHEET 47 FOR DRAINAGE NOTES
SEE SHEET 48 FOR SYMBOLS
SEE SHEET 51 FOR SCHEDULES



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)
GOLF ROAD
DRAINAGE AND UTILITIES PLAN
STA. 200+00 TO STA. 213+00

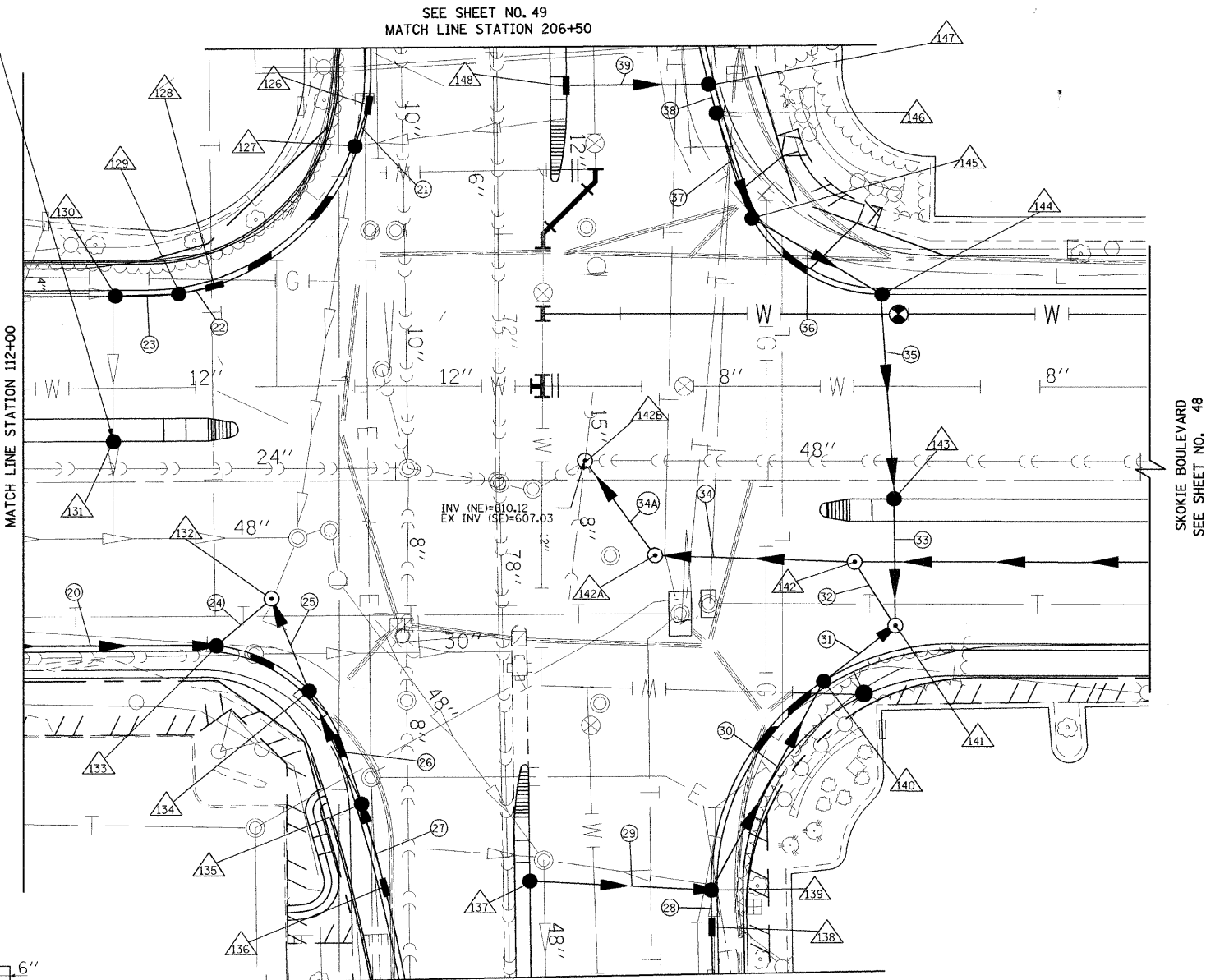
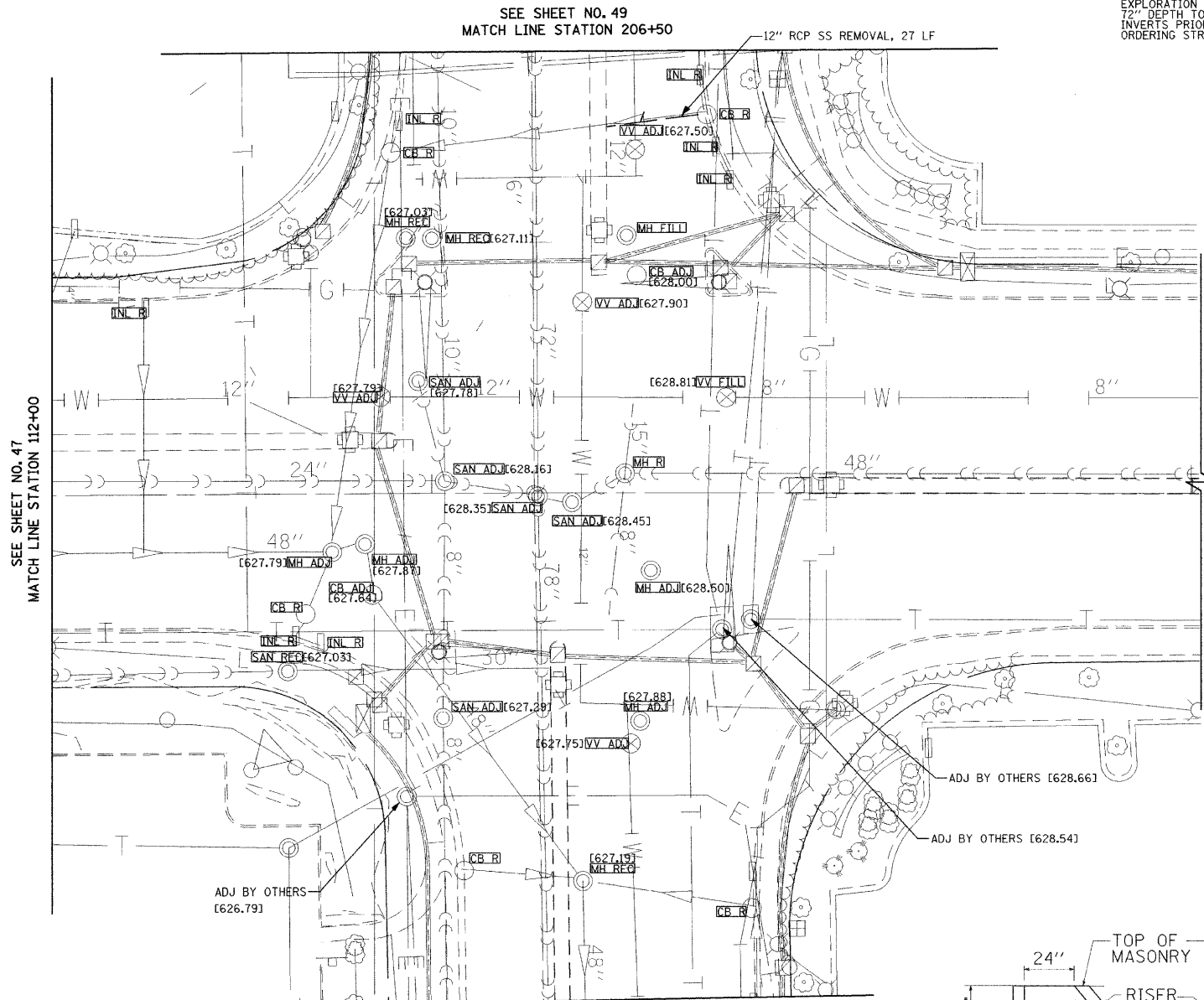
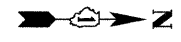
HORIZ. 50 0 50 DATE 11-14-08
VERT. 5 0 5 DRAWN BY CEC
SCALE IN FEET CHECKED BY DWB

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	

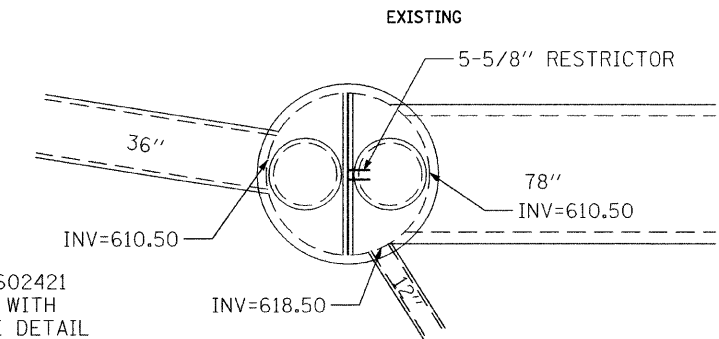
PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	

PLOT DATE = 6/17/2009
PLOT USER = #SCALE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

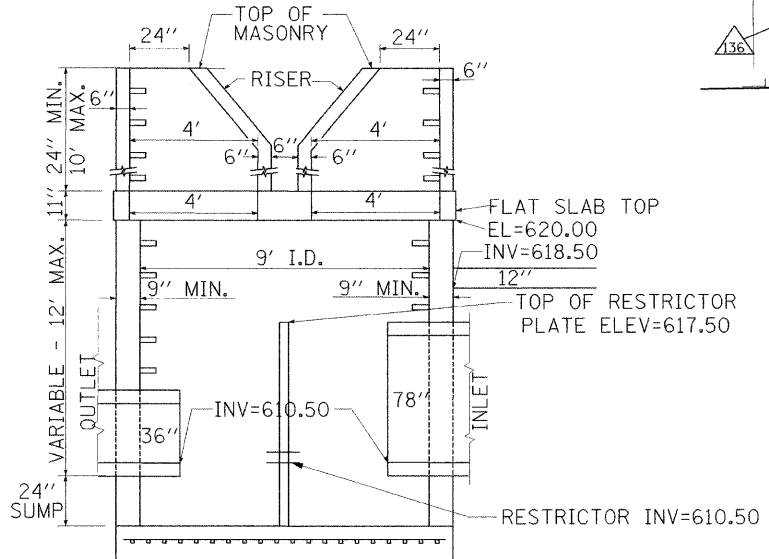
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	50
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



EXPLORATION TRENCH, 72" DEPTH TO VERIFY INVERTS PRIOR TO ORDERING STRUCTURE



EXISTING
MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE
MH # 142 PLAN DETAIL



PROPOSED
MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE
MH # 142 ELEVATION DETAIL

NOTE: SEE STD. 602421 AND SEE MANHOLE WITH RESTRICTOR PLATE DETAIL (SHEET NO.101)

SEE SHEET 47 FOR DRAINAGE NOTES
SEE SHEET 48 FOR SYMBOLS
SEE SHEET 51 FOR SCHEDULES

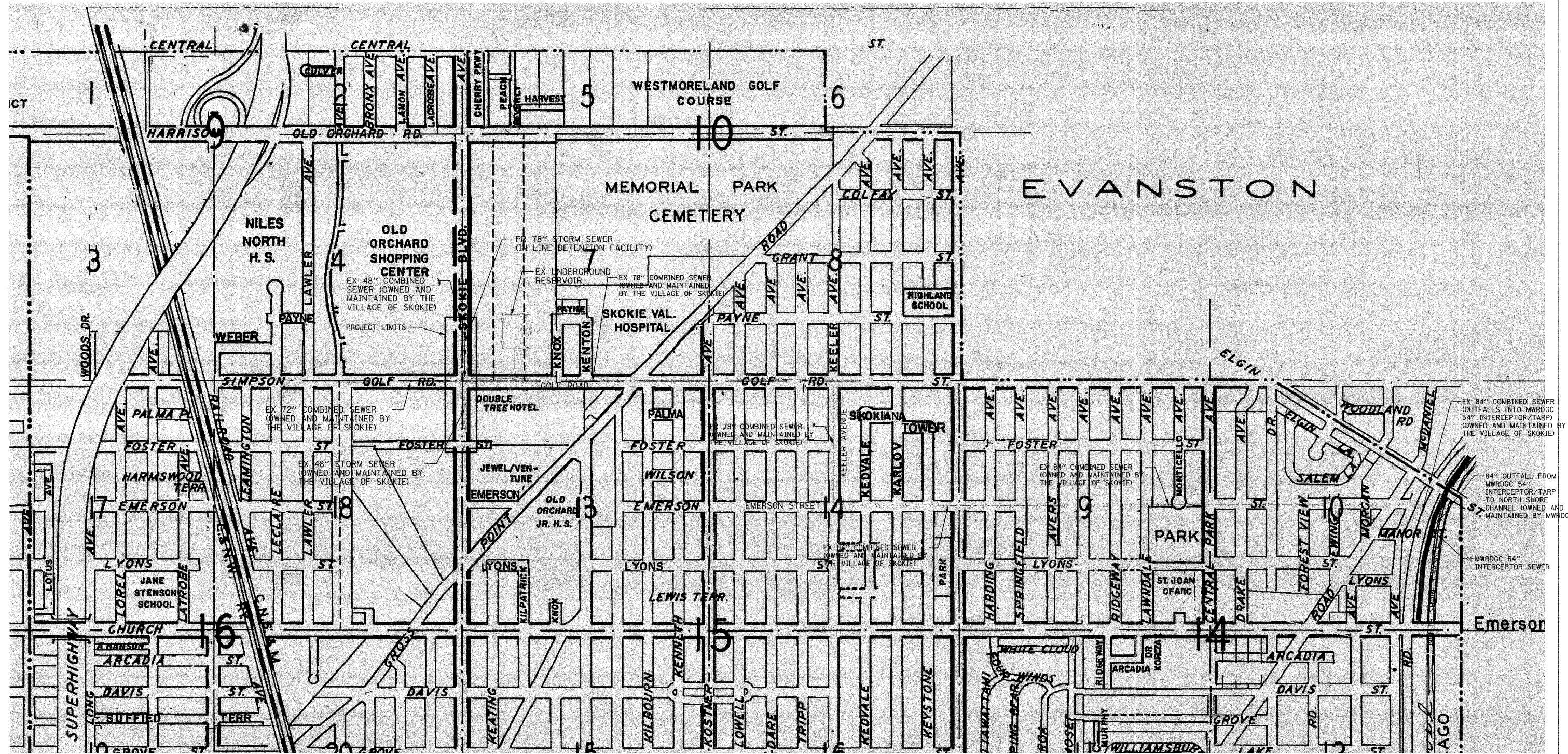
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)
SKOKIE BOULEVARD
DRAINAGE AND UTILITIES PLAN
INTERSECTION OF SKOKIE/GOLF

DATE 11-14-08
DRAWN BY BAW
CHECKED BY CEC

DATE = 6/17/2009
PLOT SCALE = AS SHOWN
USER NAME = AUSER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	52
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		



PLOT DATE = 11/13/2008
 DRAWN BY = RFL/ELB
 CHECKED BY = RFL/ELB
 USER NAME = RUSERS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 MWRDGC ROUTING LOCATION MAP

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

50' 0 50'
 HORIZ. 1"=50'

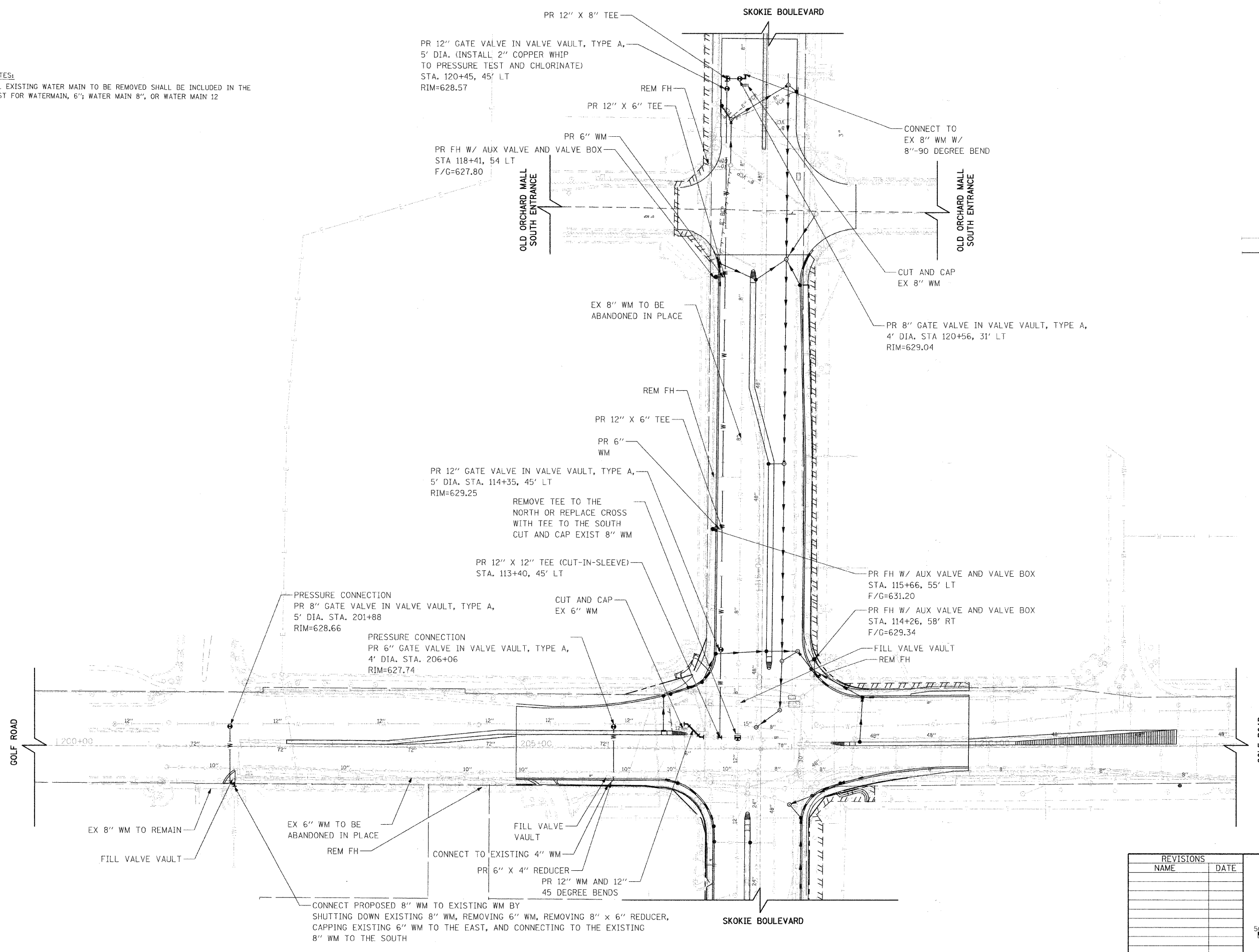
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	53
STA.	TO STA.			
			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	

NOTES:
ALL EXISTING WATER MAIN TO BE REMOVED SHALL BE INCLUDED IN THE COST FOR WATERMAIN, 6"; WATER MAIN 8", OR WATER MAIN 12"



LEGEND

- ⊗ EXISTING VALVE AND VAULT
- PROPOSED VALVE AND VAULT
- ⊕ EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- W— EXISTING WATER MAIN
- W— PROPOSED WATER MAIN



NOTE: MAY ENCOUNTER OLD SEWER AND WATER STUBS BETWEEN GOLF ROAD AND MALL SOUTH ENTRANCE. PLUG OLD SEWER AND WATER STUBS (INCLUDED IN THE COST OF PROPOSED WATER MAIN).

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)

WATER MAIN PLAN

DATE 11-14-08
DRAWN BY SAG
CHECKED BY DWB

PLOT DATE = 11/13/2008
PLOT SCALE = AS SHOWN
PLOT USER = DWB

Part of NW 1/4 Section 15, Township 41 North, Range 13 East of the Third Principal Meridian, Cook Co.
 Part of NE 1/4 Section 16, Township 41 North, Range 13 East of the Third Principal Meridian, Cook Co.

TOTAL SHEETS	SHEET NO.
129	54

OWNERSHIP TABLE

PARCEL NUMBER	OWNER	TOTAL HOLDING (ACRES)	AREA TAKEN (ACRES)	USED/DEDICATED (ACRES)	REMAINDER (ACRES)	TAX NUMBER	PROPERTY ACQUIRED BY	EASEMENT (ACRES)	PURPOSE OF EASEMENT
OGL0001	LaSalle Bank, as Trustee, Trust No. 123648-08	0.769	0.003 (135 SQ FT)		0.766	10-16-222-024			
OGL0002 OGL0002TE-A OGL0002TE-B	KF Skokie, L.L.C., an Illinois Limited Liability Company	4.469	0.050		4.451	10-15-108-027		0.006 (279 SQ FT) 0.006 (240 SQ FT)	CONSTRUCTION
OGL0003	LaSalle National Bank, as Trustee, Trust No. 38391	0.409	0.008 (339 SQ FT)		0.401	10-16-206-043			
OGL0004 OGL0004TE	Oxford OBG-Waterston Skokie Hotel Property Company, L.L.C.	6.464	0.060		6.404	10-15-100-021		0.194	CONSTRUCTION
OGL0005A OGL0005B	120 Orchard LLC 30% 427 Orchard LLC 58.62% FT Orchard LLC 11.38%	4.013	0.003 (138 SQ FT) 0.007 (292 SQ FT)		4.003	10-16-206-048 10-16-206-049			

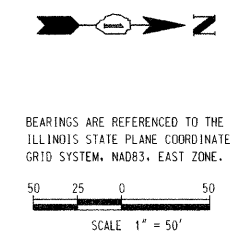
DISTANCES AND COORDINATES ARE GRID, UNLESS OTHERWISE NOTED AND MAY BE CONVERTED TO SURFACE BY MULTIPLYING BY COMBINED SCALE FACTOR OF 0.99997933

GPS SURVEY MONUMENTS INFORMATION PROVIDED BY THE VILLAGE OF SKOKIE, IL.

(NAD 83 - ILLINOIS EAST STATE PLANE ZONE)

PROPOSED R.O.W. AND CENTERLINE CONTROL POINTS GRID COORDINATES POINT NORTH EAST STATION OFFSET

SEE SHEET 2 OF 4 FOR MORE INFORMATION



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32' MEASURED DIMENSION
- 129.32'(COMP.) COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR 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 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.
- BT1 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.
- BT2 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.
- M 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 COOK)

THIS IS TO CERTIFY THAT I, BEN B. POCHYLA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 9, 10, TOWNSHIP 41 NORTH, RANGE 13 EAST, AND SECTIONS 15, 16, TOWNSHIP 41 NORTH, RANGE 13 EAST, 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 HEREON AND THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SCHAUMBURG ILLINOIS THIS 15th DAY OF January 2008 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3139

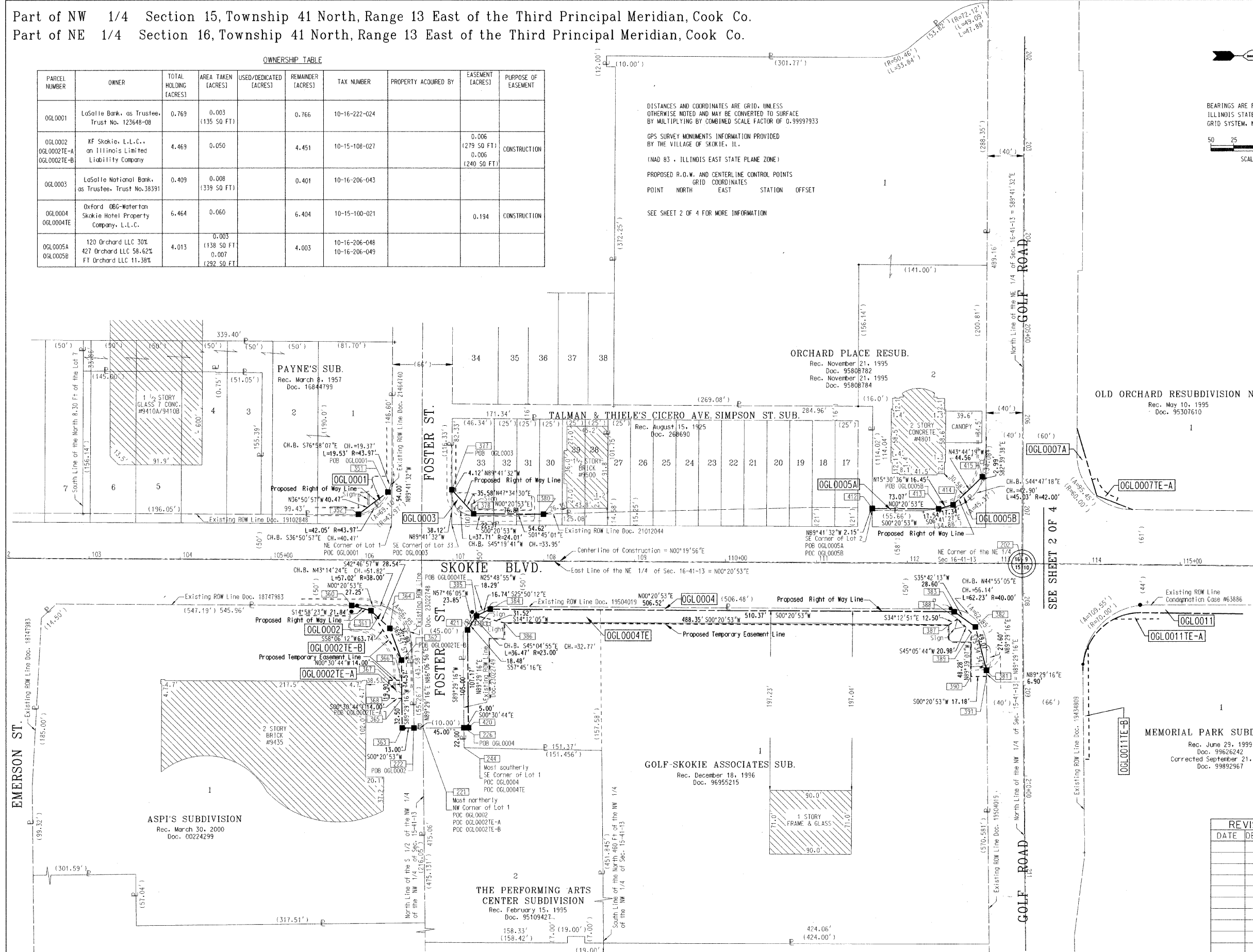
TranSystems

1051 Perimeter Drive, Suite 1025
 Schaumburg, Illinois 60113
 (847) 605-9600 (847) 605-9610 FAX

STATE OF ILLINOIS PROFESSIONAL LAND SURVEYOR
 BEN B. POCHYLA 3139
 EXP. DATE 11/30/2008

REVISION	DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION
 PLAT OF HIGHWAYS
 ROUTE SKOKIE BLVD. (U.S. RTE 41)
 SECTION 00-00242-00-CH
 COUNTY COOK
 JOB# R-90-002-08 PROJECT#
 SEC 15, 16 T 41, R 13 OF 3RD P.M.
 STA 102+00 TO STA 113+26
 DRAWN TSC CHECKED BBP
 SCALE: 1" = 50' SHEET NO. 1 OF 4



Part of SE 1/4 Section 9, Township 41 North, Range 13 East of the Third Principal Meridian, Cook Co.

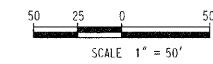
TOTAL SHEETS	SHEET NO.
129	56

OWNERSHIP TABLE

PARCEL NUMBER	OWNER	TOTAL HOLDING (ACRES)	AREA TAKEN (ACRES)	USED/DEDICATED (ACRES)	REMAINDER (ACRES)	TAX NUMBER	PROPERTY ACQUIRED BY	EASEMENT (ACRES)	PURPOSE OF EASEMENT
0GL0008TE-A 0GL0008TE-B	The May Department Stores Company	8.662	.		8.662	10-09-411-075		0.182 0.078	CONSTRUCTION
0GL0009TE	Chicago Title Land Trust Company, as Trustee, Trust No. 116914-09	0.123	.		0.123	10-09-411-076		0.010 (445 SQ FT)	CONSTRUCTION



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE GRID SYSTEM, NAD83, EAST ZONE.



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32' MEASURED DIMENSION
- 129.32' (COMP.) COMPUTED DIMENSION
- () RECORD DATA
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND ○ REPLACED AFTER CONSTRUCTION
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2 IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T3 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.

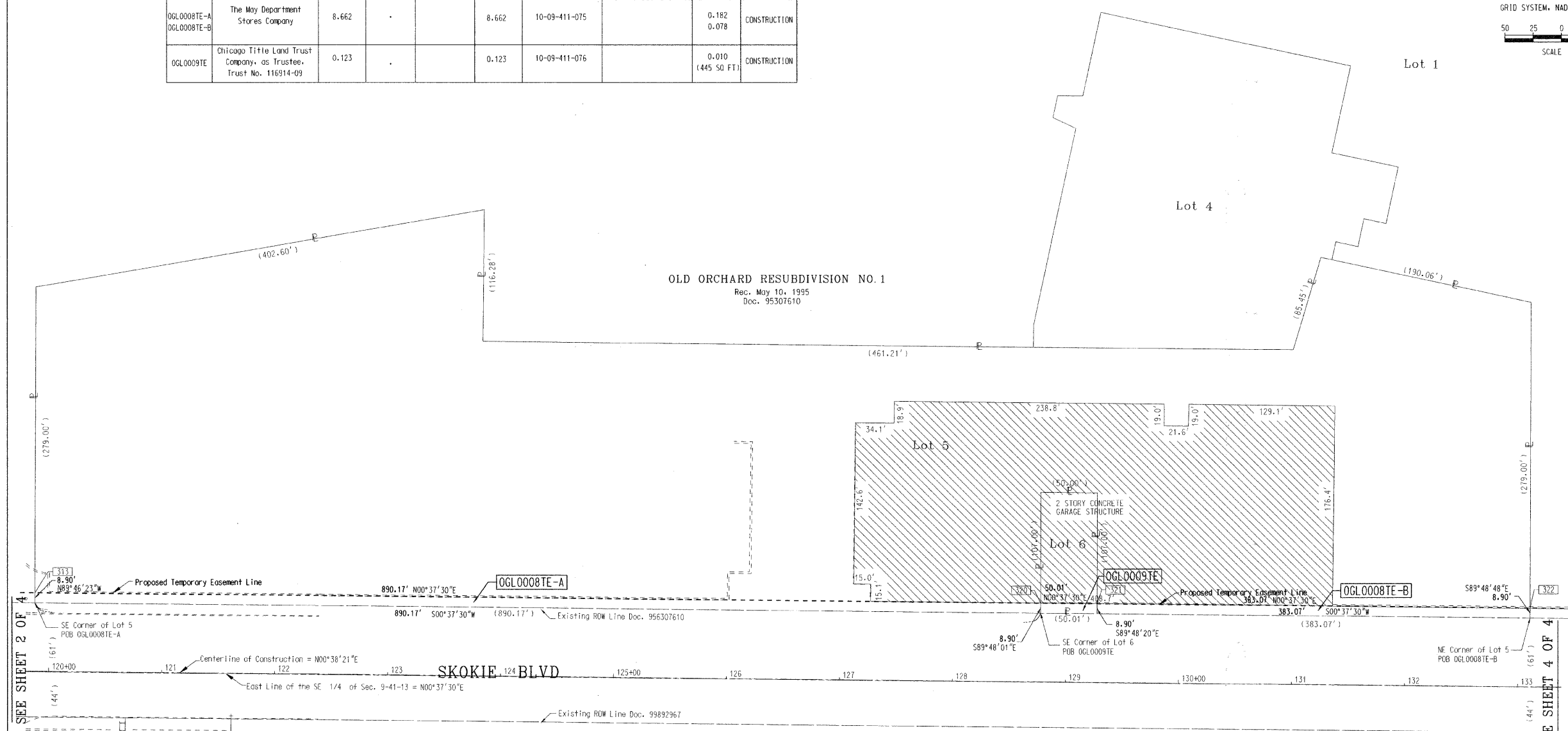
STATE OF ILLINOIS)
) JSS
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, BEN B. POCHYLA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 9, 10 TOWNSHIP 41 NORTH, RANGE 13 EAST, AND SECTIONS 15, 16 TOWNSHIP 41 NORTH, RANGE 13 EAST, 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 HEREON AND THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SCHAUMBURG ILLINOIS THIS 15th DAY OF January 2008 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3139

TranSystems
 1051 Perimeter Drive, Suite 1025
 Schaumburg, Illinois 60173
 (847) 605-9600 (847) 605-9610 FAX



SEE SHEET 2 OF 4

SEE SHEET 4 OF 4

MEMORIAL PARK SUBDIVISION
 Rec. June 29, 1999
 Doc. 99626242
 Corrected September 21, 1999
 Doc. 99892967

DISTANCES AND COORDINATES ARE GRID, UNLESS OTHERWISE NOTED AND MAY BE CONVERTED TO SURFACE BY MULTIPLYING BY COMBINED SCALE FACTOR OF 0.99997933

GPS SURVEY MONUMENTS INFORMATION PROVIDED BY THE VILLAGE OF SKOKIE, IL.
 (NAD 83 - ILLINOIS EAST STATE PLANE ZONE)

PROPOSED R.O.W. AND CENTERLINE CONTROL POINTS

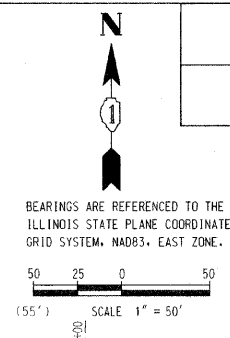
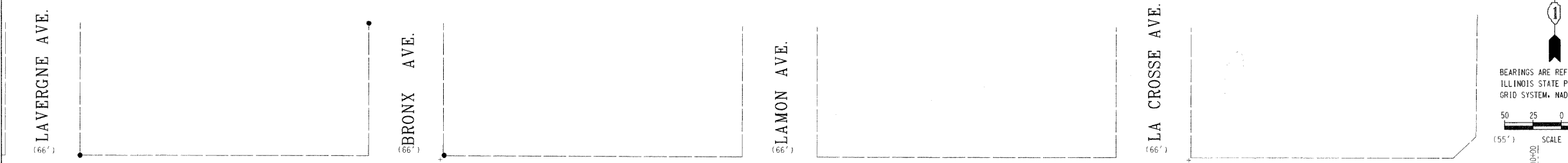
POINT	GRID COORDINATES		STATION	OFFSET
	NORTH	EAST		
313	1,963,926.89	1,143,473.12	119+87.19	-69.45
320	1,964,817.00	1,143,482.83	128+77.36	-69.66
321	1,964,867.01	1,143,483.38	129+27.37	-69.68
322	1,965,250.05	1,143,487.56	133+10.43	-69.77

REVISION	DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION
 PLAT OF HIGHWAYS
 ROUTE SKOKIE BLVD. (U.S. RTE 41)
 SECTION 00-00242-00-CH
 COUNTY COOK
 JOB# R-90-002-08 PROJECT#
 SEC 9, 10 T 41, R 13 OF 3RD P.M.
 STA 120+00 TO STA 133+00
 DRAWN TSC CHECKED BBP
 SCALE: 1" = 50' SHEET NO. 3 OF 4

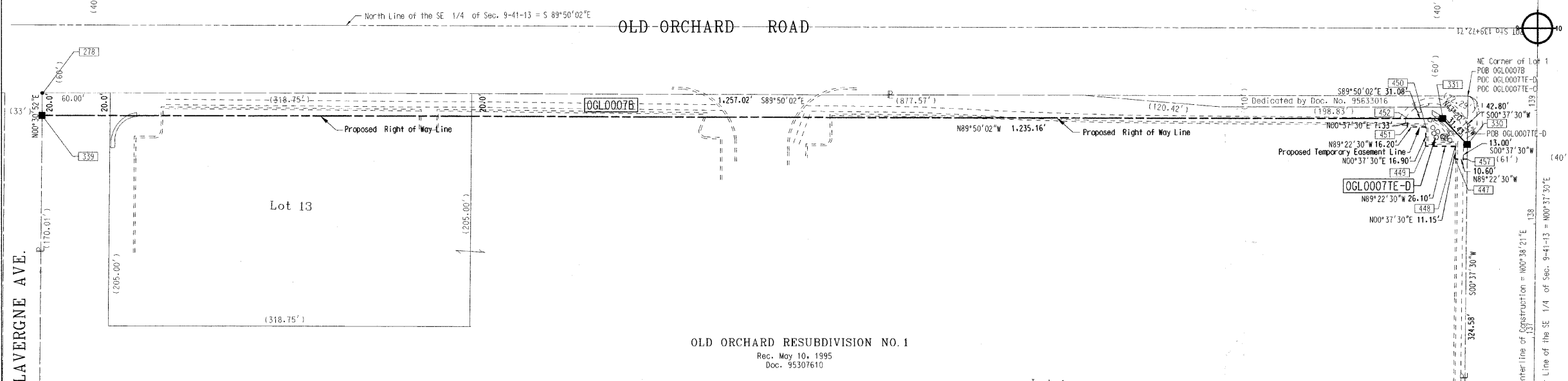
TOTAL SHEETS	SHEET NO.
129	57

Part of SE 1/4 Section 9, Township 41 North, Range 13 East of the Third Principal Meridian, Cook Co.



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32'
- 129.32' (COMP.)
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING



- IRON PIPE OR ROD FOUND
- REPLACED AFTER CONSTRUCTION
- CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH
- T2 IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY
- T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONU-
- BT2 FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURV-
- BT3 EYORS 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 REGIS-
- TRATION 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)
) JSS
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, BEN B. POCHYLA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 9, 10 TOWNSHIP 41 NORTH, RANGE 13 EAST, AND SECTIONS 15, 16 TOWNSHIP 41 NORTH, RANGE 13 EAST, 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 HEREON AND THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SCHALMBURG, ILLINOIS THIS 15th DAY OF January, 2008 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3139

TranSystems

1051 Parlane Dr. Suite 1025
 Schaumburg, Illinois 60173
 (847) 605-9600 (847) 605-9610 FAX

OWNERSHIP TABLE

PARCEL NUMBER	OWNER	TOTAL HOLDING (ACRES)	AREA TAKEN (ACRES)	USED/DEDICATED (ACRES)	REMAINDER (ACRES)	TAX NUMBER	PROPERTY ACQUIRED BY	EASEMENT (ACRES)	PURPOSE OF EASEMENT
OGL0007A OGL0007B OGL0007E-A OGL0007E-B OGL0007E-C OGL0007E-D	Chicago Title Land Trust Company, as Trustee, Trust No. 116914-09	76.187	0.015 0.583	0.066	75.589	10-09-411-071 10-09-411-082		0.006 (251 SQ FT) 0.076 0.096 0.020	CONSTRUCTION

DISTANCES AND COORDINATES ARE GRID, UNLESS OTHERWISE NOTED AND MAY BE CONVERTED TO SURFACE BY MULTIPLYING BY COMBINED SCALE FACTOR OF 0.99997933

GPS SURVEY MONUMENTS INFORMATION PROVIDED BY THE VILLAGE OF SKOKIE, IL.

(NAD 83 - ILLINOIS EAST STATE PLANE ZONE)

PROPOSED R.O.W. AND CENTERLINE CONTROL POINTS GRID COORDINATES

POINT	GRID COORDINATES		STATION	OFFSET
	NORTH	EAST		
227	1,962,650.25	1,143,610.39	107+11.73	78.76
278	1,965,855.25	1,142,246.01	139+01.74	-1,317.99
324	1,965,466.76	1,143,479.91	135+27.04	-79.83
325	1,965,450.61	1,143,489.75	135+11.00	-69.82
326	1,965,467.03	1,143,455.77	135+27.04	-103.98
327	1,965,514.23	1,143,456.28	135+74.24	-103.99
328	1,965,513.96	1,143,480.43	135+74.24	-79.84
329	1,965,527.04	1,143,499.48	135+87.53	-60.94
330	1,965,808.80	1,143,502.56	138+69.32	-61.01
331	1,965,831.67	1,143,480.98	138+91.93	-82.83
339	1,965,835.25	1,142,245.83	138+81.74	-1,317.95
447	1,965,795.92	1,143,491.81	138+56.31	-71.60
448	1,965,807.07	1,143,491.94	138+67.46	-71.61
449	1,965,807.35	1,143,465.84	138+67.46	-97.71
450	1,965,824.25	1,143,466.02	138+84.36	-97.71
451	1,965,824.43	1,143,449.82	138+84.35	-113.91
452	1,965,831.76	1,143,449.90	138+91.68	-113.91
457	1,965,795.80	1,143,502.41	138+56.32	-61.00

SEE SHEET 3 OF 4

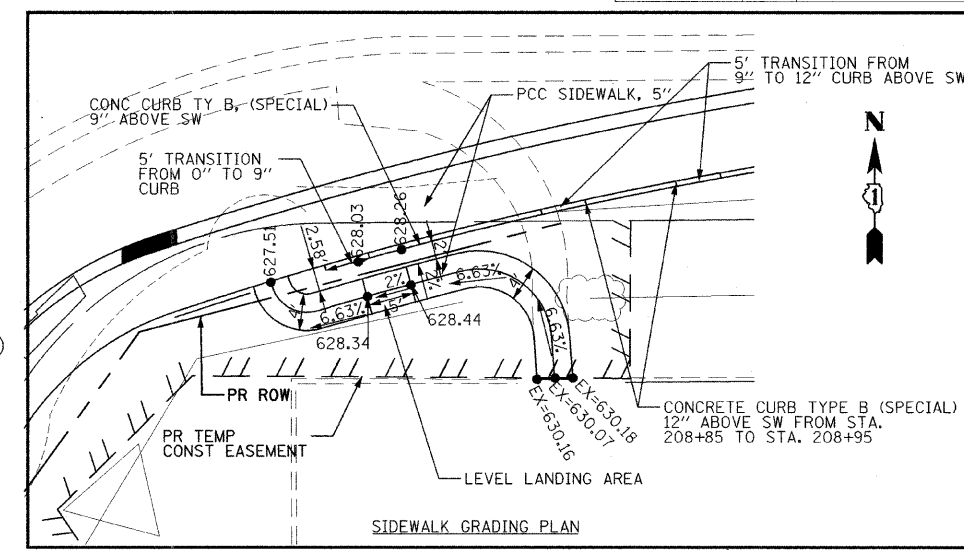
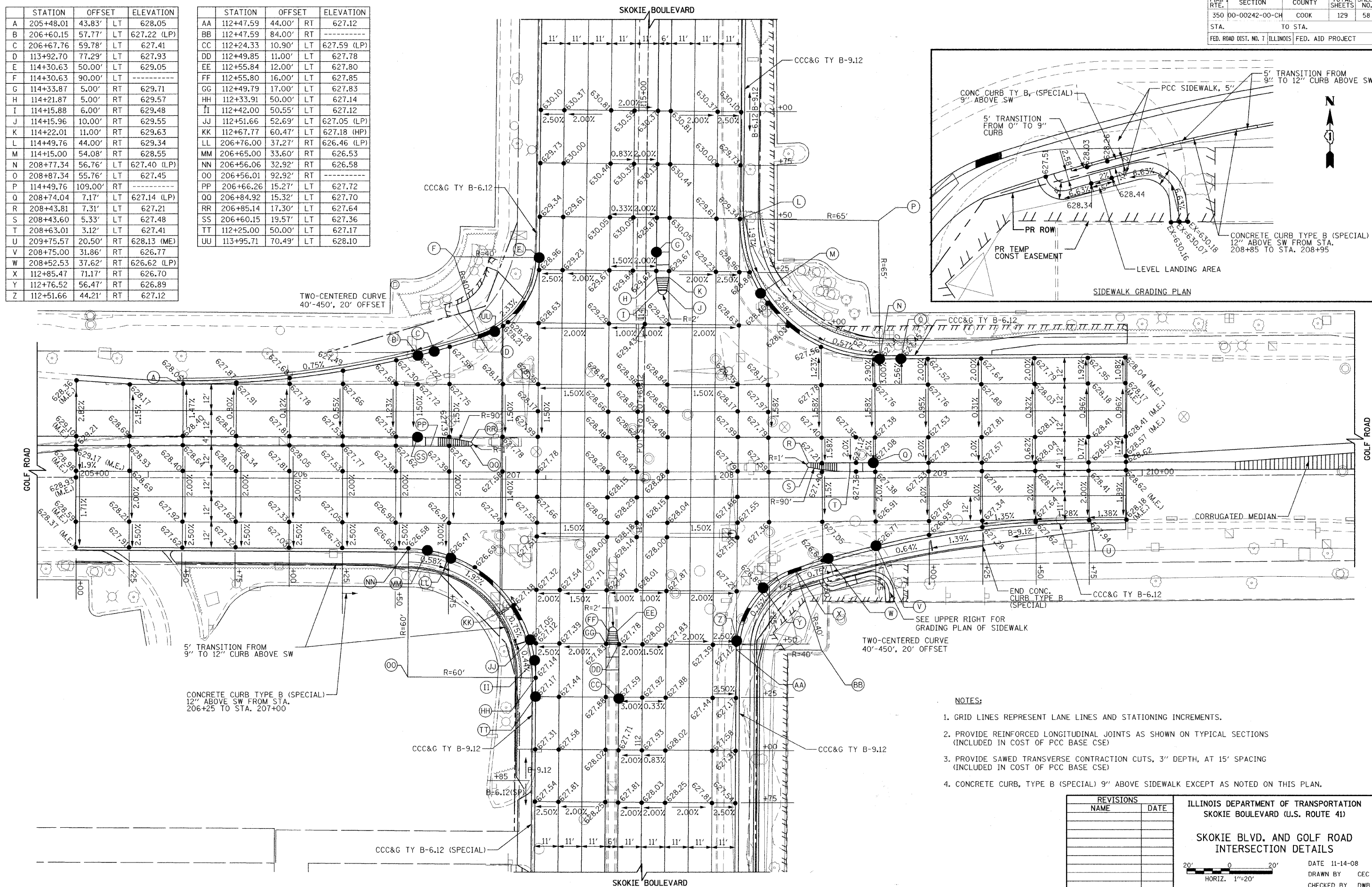
REVISION	DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION
 PLAT OF HIGHWAYS
 ROUTE SKOKIE BLVD. (U.S. RTE 41)
 SECTION 00-00242-00-CH
 COUNTY COOK
 JOB# R-90-002-08 PROJECT#
 SEC 9, 10 T 41, R 13 OF 3RD P.M.
 STA 133+00 TO STA 140+00
 DRAWN TSC CHECKED BBP
 SCALE: 1" = 50' SHEET NO. 4 OF 4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	58
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

STATION	OFFSET	ELEVATION
A	205+48.01	43.83' LT 628.05
B	206+60.15	57.77' LT 627.22 (LP)
C	206+67.76	59.78' LT 627.41
D	113+92.70	77.29' LT 627.93
E	114+30.63	50.00' LT 629.05
F	114+30.63	90.00' LT -----
G	114+33.87	5.00' RT 629.71
H	114+21.87	5.00' RT 629.57
I	114+15.88	6.00' RT 629.48
J	114+15.96	10.00' RT 629.55
K	114+22.01	11.00' RT 629.63
L	114+49.76	44.00' RT 629.34
M	114+15.00	54.08' RT 628.55
N	208+77.34	56.76' LT 627.40 (LP)
O	208+87.34	55.76' LT 627.45
P	114+49.76	109.00' RT -----
Q	208+74.04	7.17' LT 627.14 (LP)
R	208+43.81	7.31' LT 627.21
S	208+43.60	5.33' LT 627.48
T	208+63.01	3.12' LT 627.41
U	209+75.57	20.50' RT 628.13 (ME)
V	208+75.00	31.86' RT 626.77
W	208+52.53	37.62' RT 626.62 (LP)
X	112+85.47	71.17' RT 626.70
Y	112+76.52	56.47' RT 626.89
Z	112+51.66	44.21' RT 627.12

STATION	OFFSET	ELEVATION
AA	112+47.59	44.00' RT 627.12
BB	112+47.59	84.00' RT -----
CC	112+24.33	10.90' LT 627.59 (LP)
DD	112+49.85	11.00' LT 627.78
EE	112+55.84	12.00' LT 627.80
FF	112+55.80	16.00' LT 627.85
GG	112+49.79	17.00' LT 627.83
HH	112+33.91	50.00' LT 627.14
II	112+42.00	50.55' LT 627.12
JJ	112+51.66	52.69' LT 627.05 (LP)
KK	112+67.77	60.47' LT 627.18 (HP)
LL	206+76.00	37.27' RT 626.46 (LP)
MM	206+65.00	33.60' RT 626.53
NN	206+56.06	32.92' RT 626.58
OO	206+56.01	92.92' RT -----
PP	206+66.26	15.27' LT 627.72
QQ	206+84.92	15.32' LT 627.70
RR	206+85.14	17.30' LT 627.64
SS	206+60.15	19.57' LT 627.36
TT	112+25.00	50.00' LT 627.17
UU	113+95.71	70.49' LT 628.10



- NOTES:**
- GRID LINES REPRESENT LANE LINES AND STATIONING INCREMENTS.
 - PROVIDE REINFORCED LONGITUDINAL JOINTS AS SHOWN ON TYPICAL SECTIONS (INCLUDED IN COST OF PCC BASE CSE)
 - PROVIDE SAWED TRANSVERSE CONTRACTION CUTS, 3" DEPTH, AT 15' SPACING (INCLUDED IN COST OF PCC BASE CSE)
 - CONCRETE CURB, TYPE B (SPECIAL) 9" ABOVE SIDEWALK EXCEPT AS NOTED ON THIS PLAN.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)

**SKOKIE BLVD. AND GOLF ROAD
INTERSECTION DETAILS**

DATE 11-14-08
DRAWN BY CEC
CHECKED BY DWB

HORIZ. 1"=20'

PLOT DATE = 6/17/2009
FILE NAME = 611161
PLOT SCALE = 8/32/08
USER NAME = USER

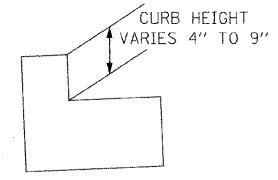
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	59
STA.	TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	

CROSS SLOPE/CURB HEIGHT VARIATIONS
ALONG WEST EDGE OF SKOKIE FROM GOLF TO FOSTER:

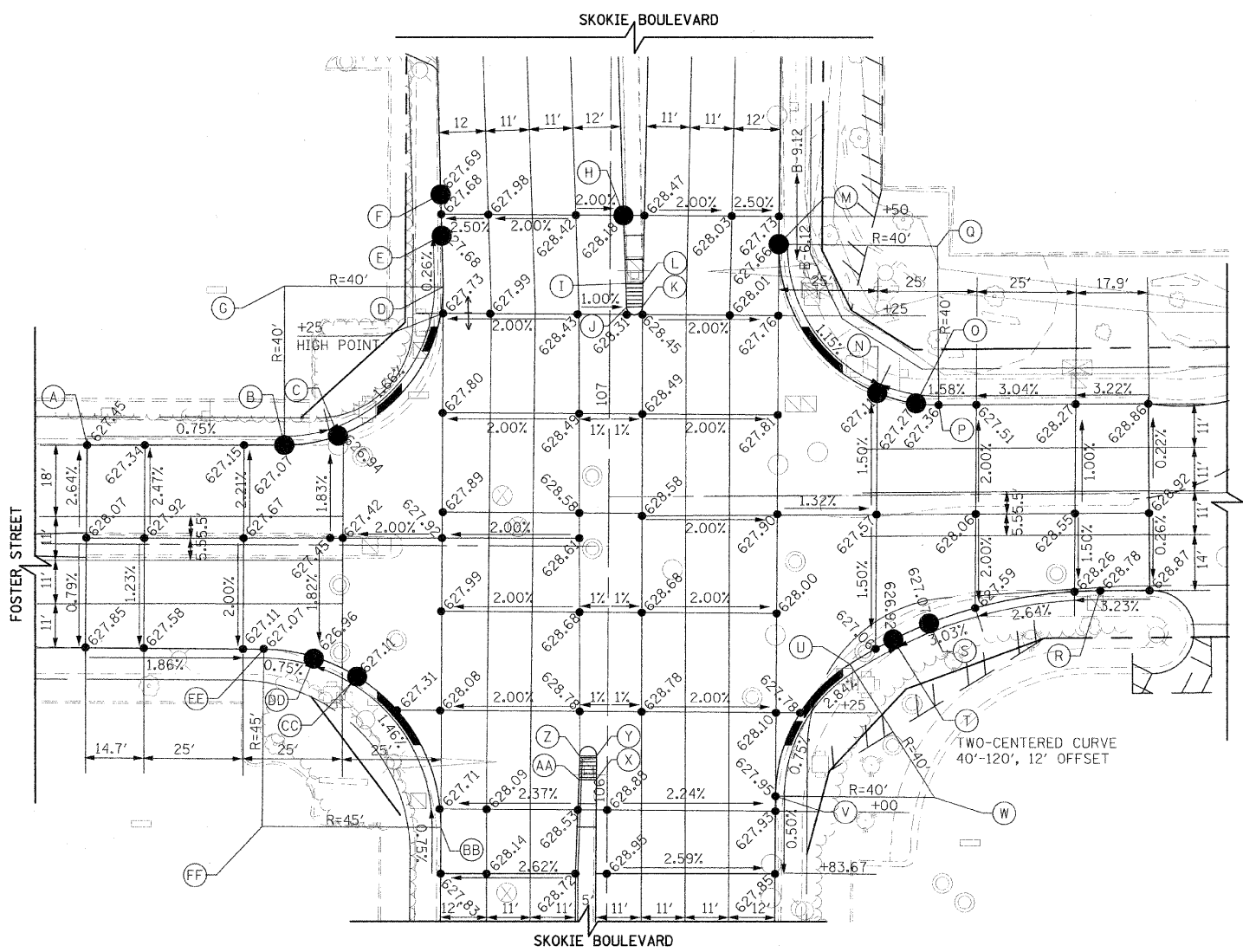
STATION	CURB HEIGHT (IN)	T/C ELEVATION	E/P ELEVATION	OUTSIDE LANE WIDTH	OUTSIDE LANE XSLOPE	ELEVATION	2-INSIDE LANE WIDTH	2-INSIDE LN. XSLOPE	PGL ELEVATION	STATION
107+25	6.00	628.17	627.73	12.83	2.00%	627.99	22.00	2.00%	628.43	107+25
107+50	6.00	628.12	627.68 (LP)	11.88	2.50%	627.98	22.00	2.00%	628.42	107+50
107+75	1.50(DEP)	627.95	627.89	11.71	2.00%	628.12	22.00	1.50%	628.45	107+75
108+00 DWAY	1.50(DEP)	628.03	627.97	11.53	2.00%	628.20	22.00	1.50%	628.53	108+00 DWAY
108+25	1.50(DEP)	628.12	628.06 (HP)	11.36	2.00%	628.29	22.00	1.50%	628.62	108+25
108+50	6.00	628.39	627.95 (LP)	11.19	2.50%	628.23	22.00	2.00%	628.67	108+50
108+70	4.00	628.25	627.98	11.00	2.50%	628.25	22.00	2.00%	628.69	108+70
108+75	4.10	628.26	627.98 (HP)	11.00	2.50%	628.25	22.00	2.00%	628.69	108+75
109+00	4.70	628.28	627.95	11.00	2.50%	628.22	22.00	2.00%	628.66	109+00
109+25	6.00	628.31	627.87	11.00	2.50%	628.14	22.00	2.00%	628.58	109+25
109+50	7.20	628.32	627.78	11.00	2.50%	628.05	22.00	2.00%	628.49	109+50
109+75	7.70	628.31	627.73 (LP)	11.00	2.50%	628.00	22.00	2.00%	628.44	109+75
110+00	1.50(DEP)	627.94	627.87	11.00	2.00%	628.09	22.00	1.50%	628.42	110+00
110+13 DWAY	1.50(DEP)	627.95	627.88	11.00	2.00%	628.10	22.00	1.50%	628.43	110+13 DWAY
110+25	1.50(DEP)	627.97	627.90	11.00	2.00%	628.12	22.00	1.50%	628.45	110+25
110+28	1.50(DEP)	627.98	627.91 (HP)	11.00	2.00%	628.13	22.00	1.50%	628.46	110+28
110+48	4.10	628.08	627.80 (LP)	11.00	2.50%	628.07	22.00	2.00%	628.51	110+48
110+50	4.10	628.09	627.81	11.00	2.50%	628.08	22.00	2.00%	628.52	110+50
110+75	4.60	628.22	627.90	11.00	2.50%	628.17	22.00	2.00%	628.61	110+75
110+91	5.40	628.31	627.92	11.00	2.50%	628.19	22.00	2.00%	628.63	110+91
111+00	5.30	628.30	627.92 (HP)	11.00	2.50%	628.19	22.00	2.00%	628.63	111+00
111+25	5.90	628.29	627.86	11.00	2.50%	628.13	22.00	2.00%	628.57	111+25
111+45	6.70	628.26	627.77	11.00	2.50%	628.04	22.00	2.00%	628.48	111+45
111+50			627.74	11.00	2.50%	628.01	22.00	2.00%	628.45	111+50

STATION	OFFSET	ELEVATION
A	106+91.45	131.48' LT 627.45 (ME)
B	106+91.71	81.79' LT 627.07
C	106+94.14	68.28' LT 626.94 (LP)
D	107+31.71	42.00' LT 627.71
E	107+44.60	42.40' LT 627.68 (LP)
F	107+55	42.73' LT 627.69
G	107+31.71	82.00' LT -----
H	107+50	3.33' RT 628.18 (LP)
I	107+32.88	3.99' RT 628.27
J	107+26.88	4.22' RT 628.30
K	107+26.97	8.22' RT 628.45
L	107+32.98	8.33' RT 628.46
M	107+43.01	42.50' RT 627.66
N	107+05.69	67.48' RT 627.11 (LP)
O	107+03.10	77.28' RT 627.27
P	107+02.76	83.00' RT 627.36
Q	107+42.76	82.50' RT -----
R	106+56.27	123.92' RT 628.78
S	106+47.71	80.88' RT 627.07
T	106+43.67	71.88' RT 626.92 (LP)
U	106+37.48	60.93' RT 627.28
V	106+03.79	42.42' RT 627.95
W	106+03.79	82.42' RT -----
X	106+07.62	2.77' LT 628.85
Y	106+13.62	2.78' LT 628.83
Z	106+13.47	6.94' LT 628.84

STATION	OFFSET	ELEVATION
AA	106+07.60	7.13' LT 628.61
BB	105+95.30	41.86' LT 627.74
CC	106+33.55	63.15' LT 627.11
DD	106+38.01	74.08' LT 626.96 (LP)
EE	106+40.30	86.71' LT 627.07
FF	105+95.30	86.86' LT -----



STATION 108+50 TO 111+85
COMBINATION CONCRETE CURB
AND GUTTER, TYPE B-6.12(SPECIAL)



NOTES:

- GRID LINES REPRESENT LANE LINES AND STATIONING INCREMENTS.
- PROVIDE REINFORCED LONGITUDINAL JOINTS AS SHOWN ON TYPICAL SECTIONS (INCLUDED IN COST OF PCC BASE CSE)
- PROVIDE SAWED TRANSVERSE CONTRACTION CUTS, 3" DEPTH, AT 15' SPACING (INCLUDED IN COST OF PCC BASE CSE)

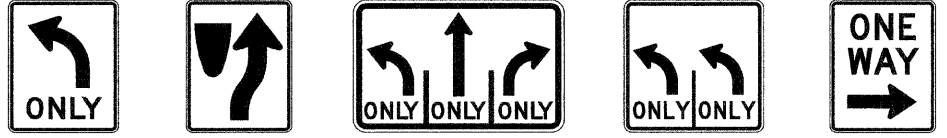
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)
SKOKIE BOULEVARD
SKOKIE BLVD. AND FOSTER STREET
INTERSECTION DETAILS

DATE 11-14-08
DRAWN BY BAW
CHECKED BY CEC

20' 0 20'
HORIZ. 1"=20'

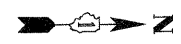
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	60
STA. 100+00 TO STA. 112+00		TO STA. 112+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



R3-5L (24"x30") R4-7 (24"x30") R3-8B (45"x30") R3-8 (DL) (30"x30") R6-2R (24"x30")

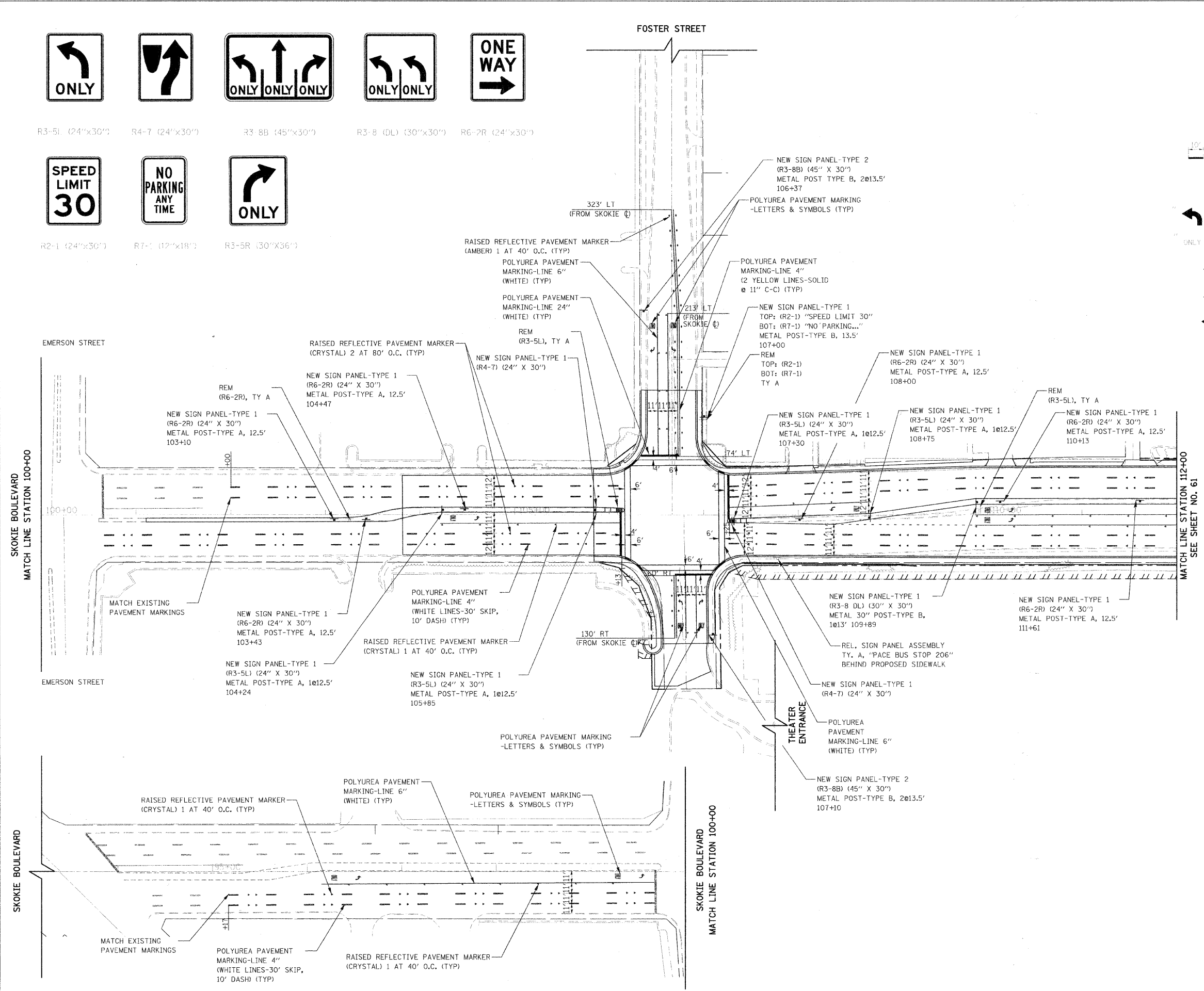


R2-1 (24"x30") R7-1 (12"x18") R3-5R (30"x36")



SYMBOL LEGEND

- SIGNING:**
- EXISTING SIGN
 - PROPOSED SIGN
- STRIPING:**
- 4" DASH LINE
 - 6" DASH LINE
 - TURN ARROW AND ONLY
 - ONE-WAY RAISED REFLECTIVE PAVEMENT MARKER (AMBER)
 - ONE-WAY RAISED REFLECTIVE PAVEMENT MARKER (CRYSTAL)
 - TWO-WAY RAISED REFLECTIVE PAVEMENT MARKER (AMBER)
 - RELOCATE SIGN PANEL ASSEMBLY AS INDICATED (RELOCATE TO PROPER OFFSET ACCORDING TO IDOT HWY STD 720006 FOR URBAN LOCATION)
 - REMOVE SIGN PANEL ASSEMBLY AS INDICATED TYPE A OR B
 - INSTALL SIGN PANEL AND METAL POST AS INDICATED
 - SIGNAL POST



- NOTES:**
- ALL SIDEWALKS AND CURB RAMPS SHALL BE CONSTRUCTED AS SHOWN ON THE PLAN AND PROFILE SHEETS.
 - ALL SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 - ALL PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. ALL MARKINGS SHALL BE POLYUREA.
 - DIMENSIONS TO PAVEMENT MARKINGS SHALL BE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF THE GAP FOR DOUBLE LINE UNLESS OTHERWISE INDICATED.
 - TURN LANE MARKINGS (ARROW AND "ONLY") TO BE INSTALLED AS SHOWN ON DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAILS.
 - EXISTING SIGNS ARE TO BE RELOCATED OR REPLACED AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONDITION OF THE SIGNS. ALL SALVAGED SIGNS WHICH ARE IN GOOD SHAPE SHALL BE RETURNED TO THE PUBLIC WORKS DEPARTMENT OR AS INDICATED ON THE PLANS.
 - MEDIAN DIAGONAL LINE PAVEMENT MARKINGS TO BE INSTALLED AS SHOWN ON DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAILS
 - SEE IDOT STANDARDS 720001, 720006, 720011, AND 728001 FOR SIGN INSTALLATION AND MOUNTING DETAILS.
 - NEW SUPPORT AND HARDWARE SHALL BE USED FOR RELOCATED SIGNS IDENTICAL TO EXISTING SUPPORTS. THE COST OF THE SUPPORTS SHALL BE INCLUDED IN THE ITEM RELOCATE SIGN PANEL ASSEMBLY TYPE A OR B.
 - SEE TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS FOR PLACEMENT OF MARKERS.

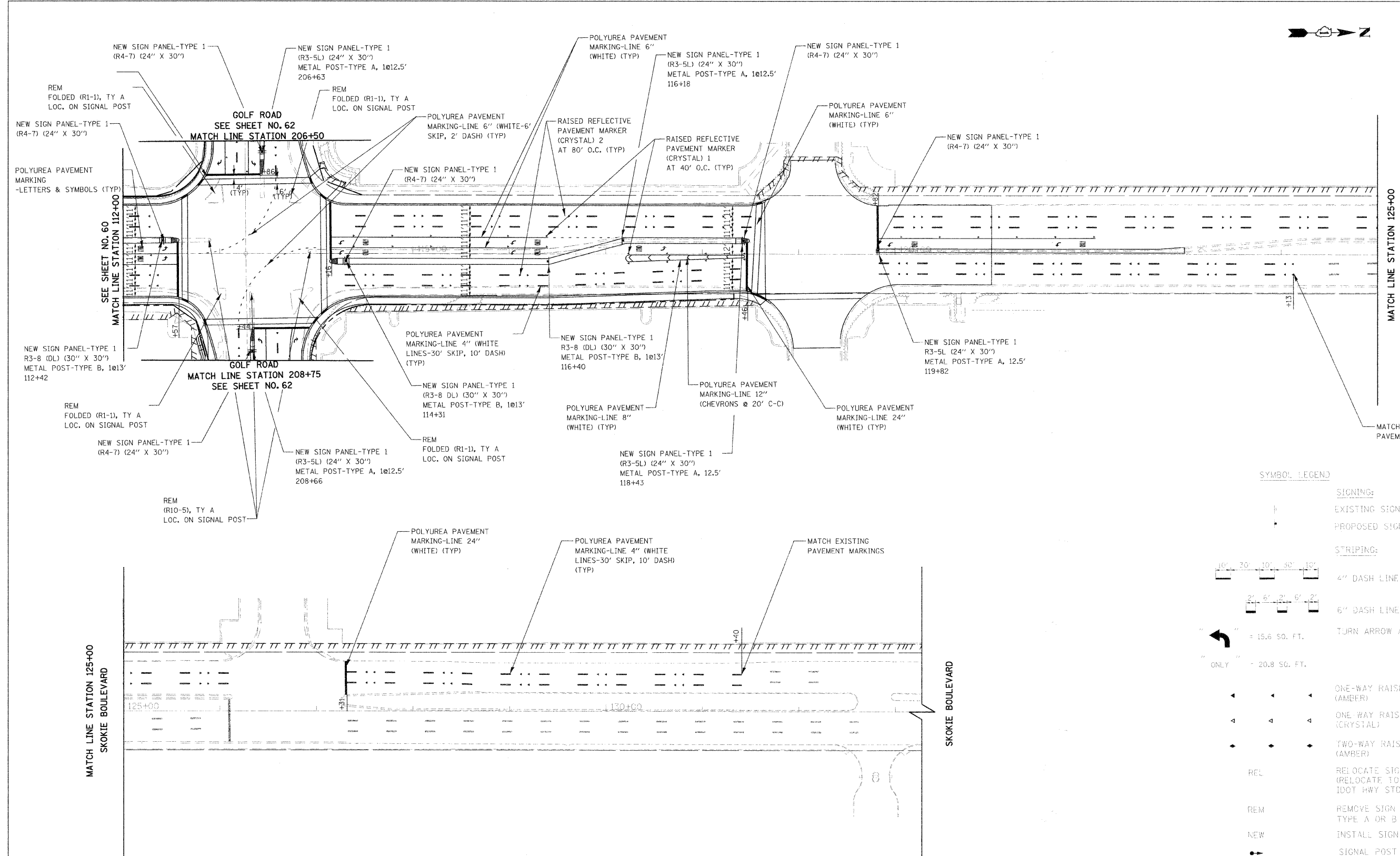
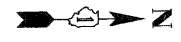
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
PAVEMENT MARKING & SIGNING PLAN
 STA. 100+00 TO STA. 112+00

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

PLOT DATE = 11/13/2008
 FILE NAME = PAVEL18
 USER NAME = MUSER1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	61
STA. 112+00		TO STA. 120+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



SYMBOL LEGEND

- EXISTING SIGN
- PROPOSED SIGN
- STRIPING:**
- 4" DASH LINE
- 6" DASH LINE
- TURN ARROW AND ONLY
- = 15.6 SQ. FT.
- = 20.8 SQ. FT.
- ONE-WAY RAISED REFLECTIVE PAVEMENT MARKER (AMBER)
- ONE-WAY RAISED REFLECTIVE PAVEMENT MARKER (CRYSTAL)
- TWO-WAY RAISED REFLECTIVE PAVEMENT MARKER (AMBER)
- RELOCATE SIGN PANEL ASSEMBLY AS INDICATED (RELOCATE TO "PROPER OFFSET" ACCORDING TO IDOT HWY STD 720006 FOR URBAN LOCATION)
- REMOVE SIGN PANEL ASSEMBLY AS INDICATED TYPE A OR B
- INSTALL SIGN PANEL AND METAL POST AS INDICATED
- SIGNAL POST



R1-1 (30"x30")



R3-5L (24"x30")



R4-7 (24"x30")



R3-8 (DL) (30"x30")

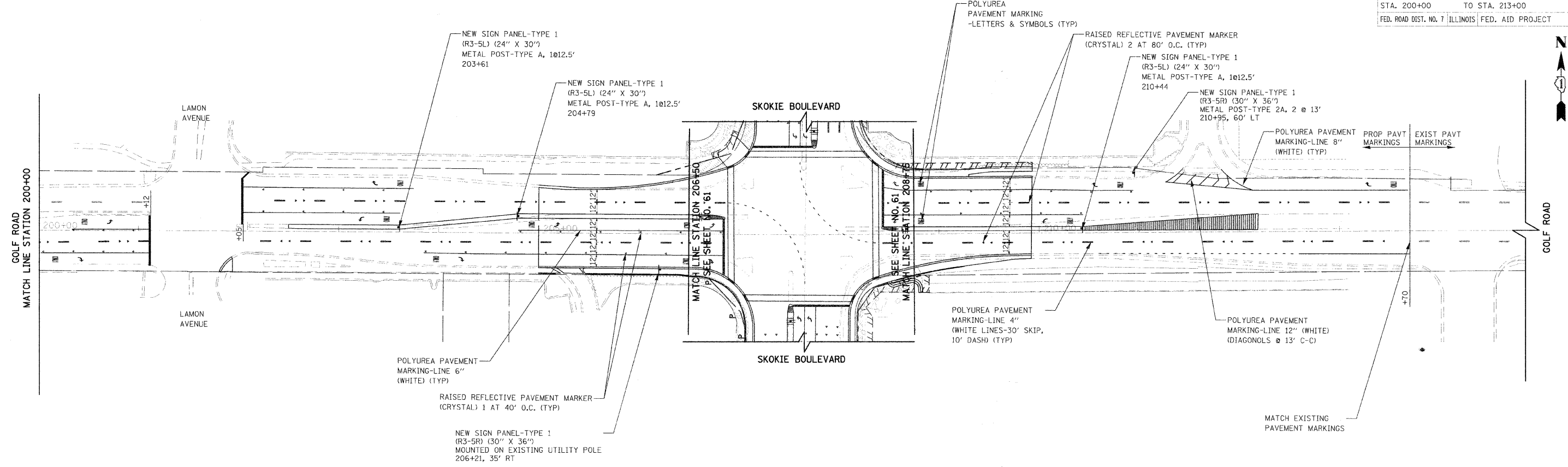
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
PAVEMENT MARKING & SIGNING PLAN
 STA. 112+00 TO STA. 120+00

DATE 11-14-08
 DRAWN BY SAC
 CHECKED BY DWB

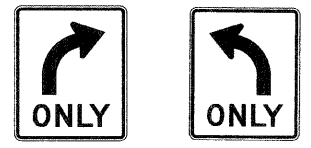
PLOT DATE = 11/13/2008
 PLOT FILE = 63049.DWG
 PLOT SCALE = AS SHOWN
 USER NAME = BUSBY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	62
STA. 200+00		TO STA. 213+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

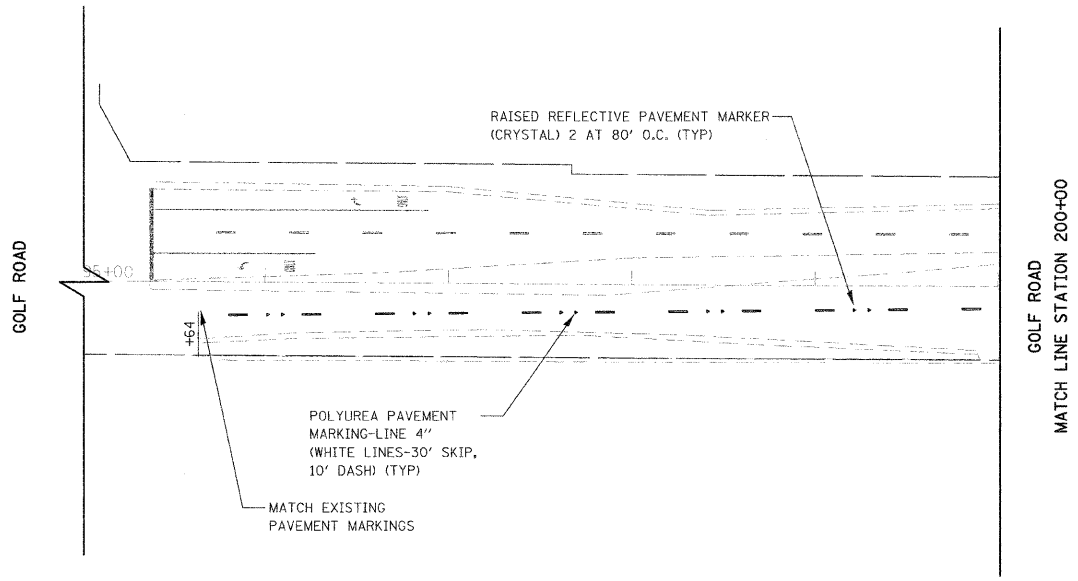


SYMBOL LEGEND

- SIGNING:**
- EXISTING SIGN
 - PROPOSED SIGN
- STRIPING:**
- 4' DASH LINE
 - 6' DASH LINE
 - TURN ARROW AND ONLY = 15.6 SO. FT.
 - ONLY = 20.3 SO. FT.
 - ONE-WAY RAISED REFLECTIVE PAVEMENT MARKER (AMBER)
 - ONE-WAY RAISED REFLECTIVE PAVEMENT MARKER (CRYSTAL)
 - TWO-WAY RAISED REFLECTIVE PAVEMENT MARKER (AMBER)
 - RELOCATE SIGN PANEL ASSEMBLY AS INDICATED (RELOCATE TO PROPER OFFSET ACCORDING TO IDOT HWY STD 720006 FOR URBAN LOCATION)
 - REMOVE SIGN PANEL ASSEMBLY AS INDICATED TYPE A OR B
 - INSTALL SIGN PANEL AND METAL POST AS INDICATED SIGNAL POST



R3-5R (30"x36") R3-5L (24"x30")



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
GOLF ROAD
 PAVEMENT MARKING & SIGNING PLAN
 STA. 200+00 TO STA. 213+00

DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	63
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ◀ EXISTING SIGNAL HEAD TO BE REMOVED
- "E" EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊗ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊗ "E" EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- ⊗ "E" EXISTING HANDHOLE TO BE REMOVED
- EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- ⊙ EXISTING PEDESTRIAN PUSH BUTTON

EXISTING EQUIPMENT TO BE REMOVED LEGEND (CONTD.)

- ⊗ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ⊗ CONFIRMATION BEACON TO BE REMOVED
- ⊗ "E" EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- ⊗ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED

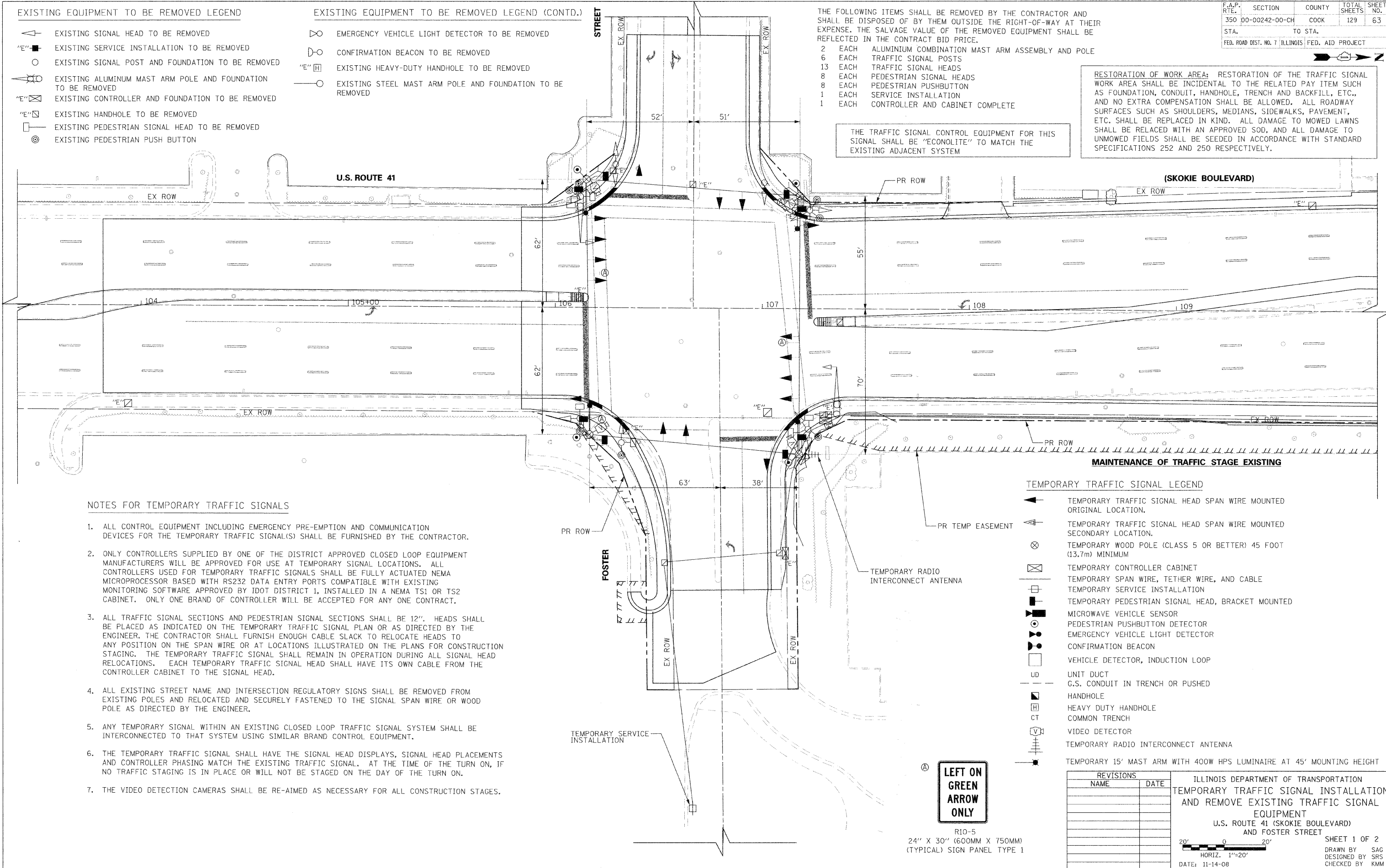
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 2 EACH ALUMINUM COMBINATION MAST ARM ASSEMBLY AND POLE
- 6 EACH TRAFFIC SIGNAL POSTS
- 13 EACH TRAFFIC SIGNAL HEADS
- 8 EACH PEDESTRIAN SIGNAL HEADS
- 8 EACH PEDESTRIAN PUSHBUTTON
- 1 EACH SERVICE INSTALLATION
- 1 EACH CONTROLLER AND CABINET COMPLETE

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

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

PLOT DATE = 11/13/2008
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES AND RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL. AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
- THE VIDEO DETECTION CAMERAS SHALL BE RE-AIMED AS NECESSARY FOR ALL CONSTRUCTION STAGES.

TEMPORARY TRAFFIC SIGNAL LEGEND

- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION.
- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION.
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ⊗ TEMPORARY CONTROLLER CABINET
- ⊗ TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊗ TEMPORARY SERVICE INSTALLATION
- ⊗ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊗ MICROWAVE VEHICLE SENSOR
- ⊗ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊗ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊗ CONFIRMATION BEACON
- ⊗ VEHICLE DETECTOR, INDUCTION LOOP
- UD UNIT DUCT
- G.S. CONDUIT IN TRENCH OR PUSHED
- HANDHOLE
- ⊗ HEAVY DUTY HANDHOLE
- CT COMMON TRENCH
- ⊗ VIDEO DETECTOR
- ⊗ TEMPORARY RADIO INTERCONNECT ANTENNA
- ⊗ TEMPORARY 15' MAST ARM WITH 400W HPS LUMINAIRE AT 45' MOUNTING HEIGHT

LEFT ON GREEN ARROW ONLY

R10-5
24" X 30" (600MM X 750MM)
(TYPICAL) SIGN PANEL TYPE 1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNAL INSTALLATION
 AND REMOVE EXISTING TRAFFIC SIGNAL
 EQUIPMENT
 U.S. ROUTE 41 (SKOKIE BOULEVARD)
 AND FOSTER STREET

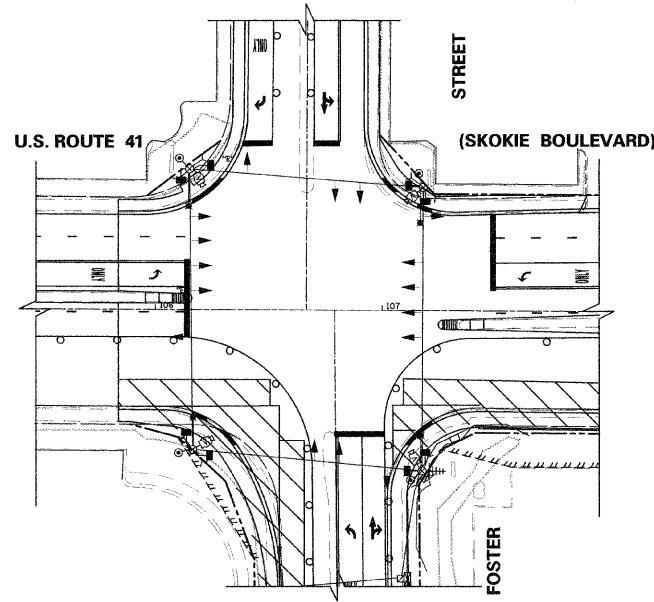
DATE: 11-14-08

SHEET 1 OF 2
 DRAWN BY SAG
 DESIGNED BY SRS
 CHECKED BY KMM

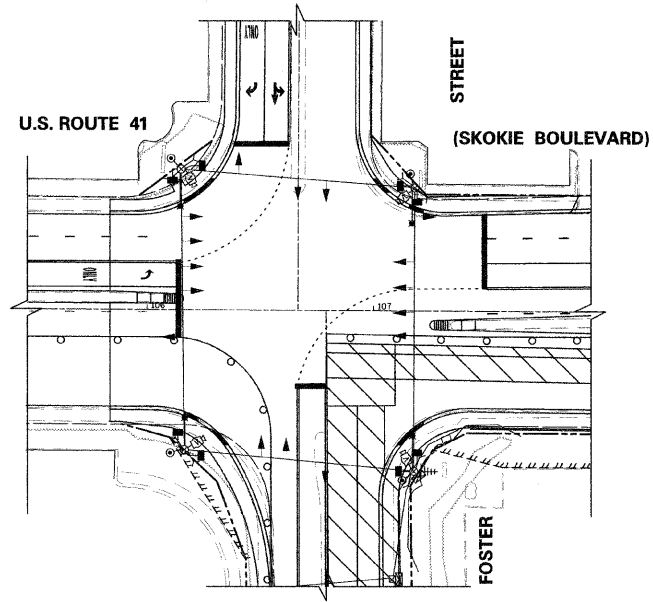
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	64
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



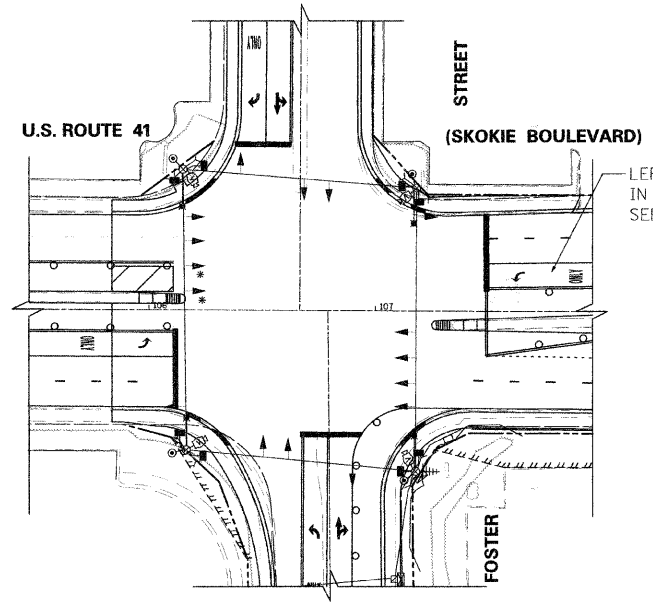
MAINTENANCE OF TRAFFIC STAGE 1 AND 1A



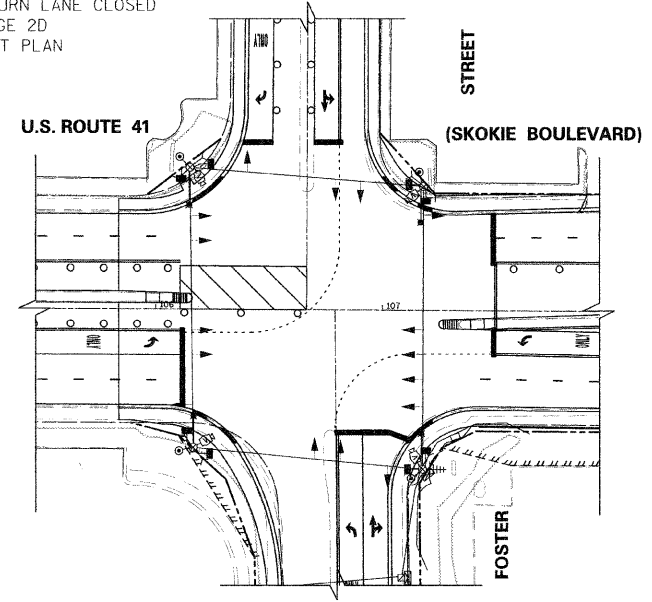
MAINTENANCE OF TRAFFIC STAGE 1B TO 1E



MAINTENANCE OF TRAFFIC STAGE 2 TO 2D

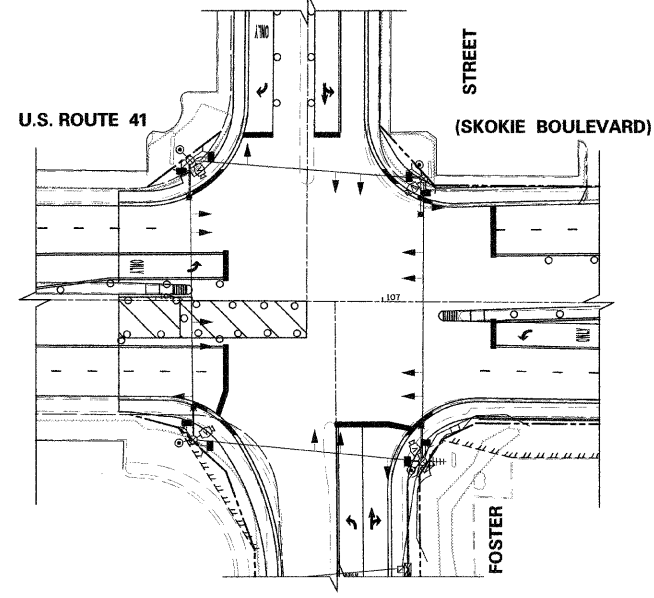


MAINTENANCE OF TRAFFIC STAGE 2E

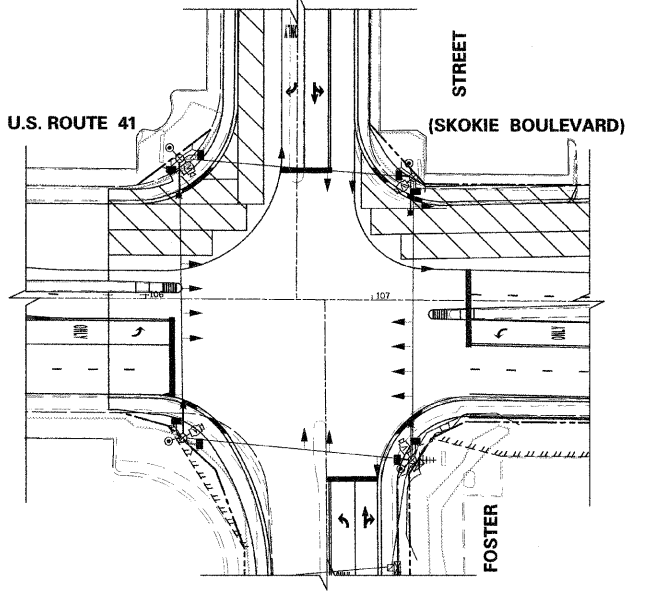


LEFT TURN LANE CLOSED IN STAGE 2D SEE MOT PLAN

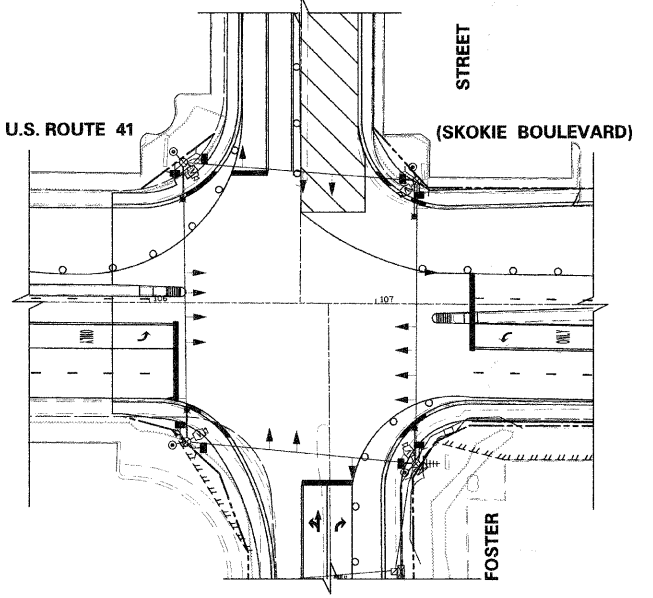
MAINTENANCE OF TRAFFIC STAGE 2F AND 2G



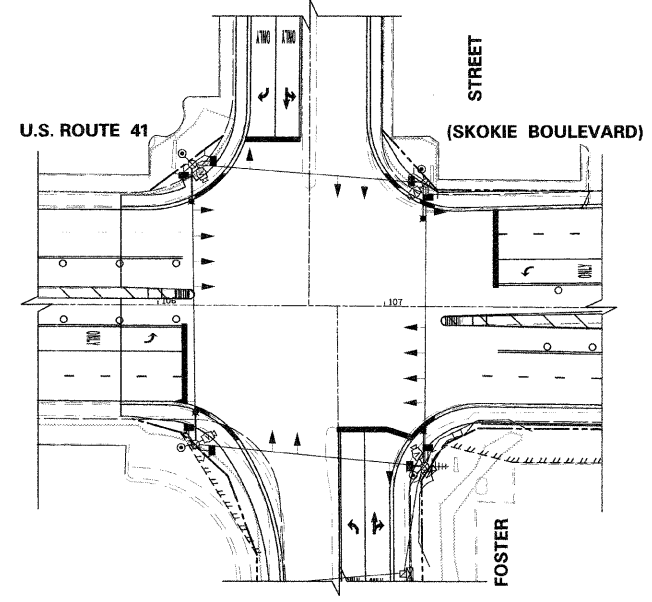
MAINTENANCE OF TRAFFIC STAGE 3 AND 3A



MAINTENANCE OF TRAFFIC STAGE 3B, 3C AND 3D



MAINTENANCE OF TRAFFIC STAGE 4



TEMPORARY TRAFFIC SIGNAL LEGEND

- ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION.
- ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION.
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ☒ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊕ TEMPORARY SERVICE INSTALLATION
- TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- MICROWAVE VEHICLE SENSOR
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊙ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊙ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- UNIT DUCT
- G.S. CONDUIT IN TRENCH OR PUSHED
- HANDHOLE
- HEAVY DUTY HANDHOLE
- COMMON TRENCH
- ⊙ VIDEO DETECTOR
- ⊕ TEMPORARY RADIO INTERCONNECT ANTENNA
- ⊙ TEMPORARY 15' MAST ARM WITH 400W HPS LUMINAIRE AT 45' MOUNTING HEIGHT

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ⊕ EXISTING SIGNAL HEAD TO BE REMOVED
- ⊕ EXISTING SERVICE INSTALLATION TO BE REMOVED
- ⊙ EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊕ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊕ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- ⊕ EXISTING HANDHOLE TO BE REMOVED
- ⊕ EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- ⊕ EXISTING PEDESTRIAN PUSH BUTTON
- ⊕ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ⊕ CONFIRMATION BEACON TO BE REMOVED
- ⊕ EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- ⊕ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED

CONSTRUCTION NOTES:

* - THESE TEMPORARY SIGNAL HEADS SHALL BE BAGGED DURING MAINTENANCE OF TRAFFIC STAGE 2D

PLOT DATE = 11/12/2008
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

1051 PERIMETER DRIVE, SUITE 1025
SHAUMBURG, ILLINOIS 60173
(847) 905-9600



REVISIONS	
NAME	DATE

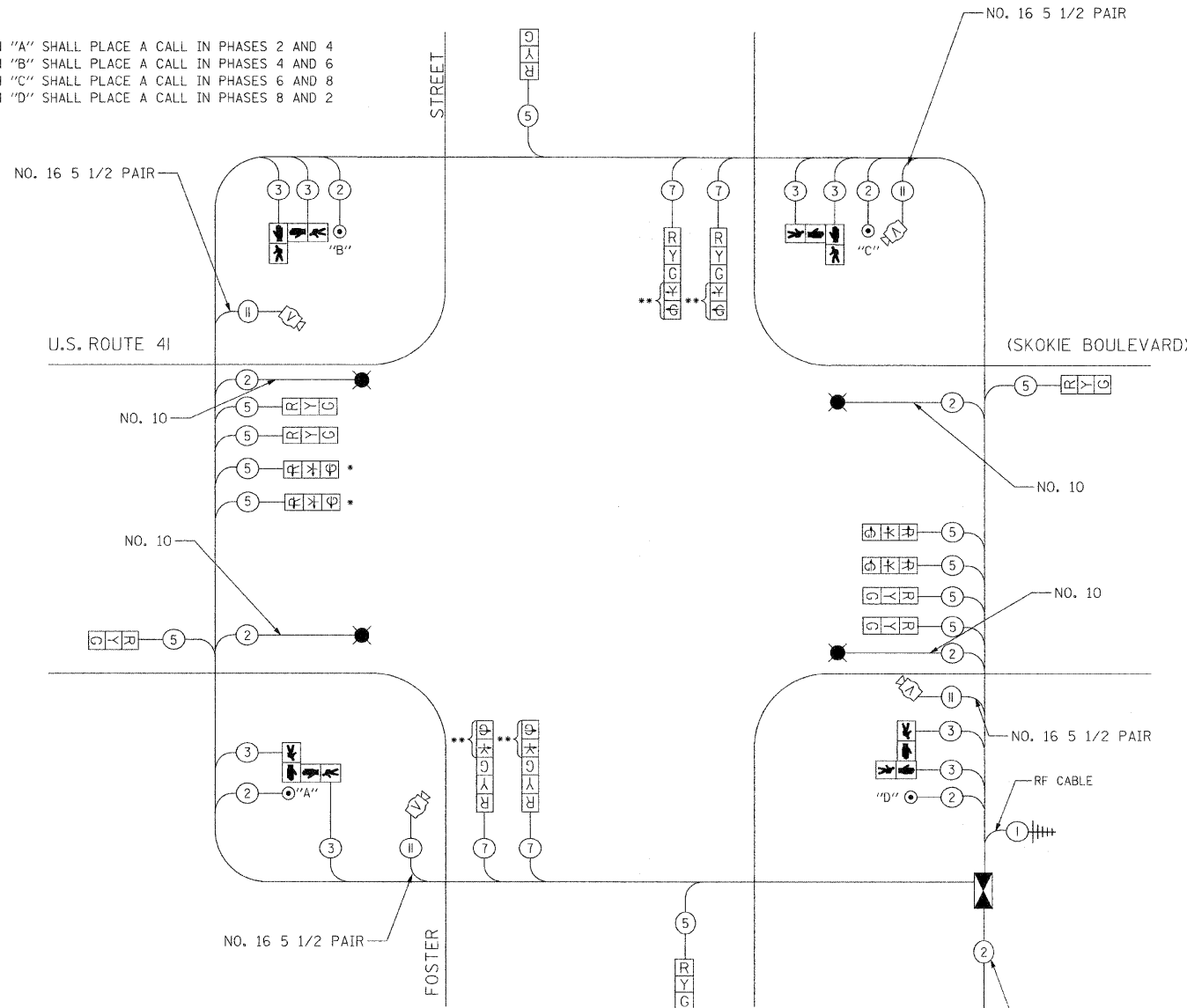
ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNAL INSTALLATION
AND REMOVE EXISTING TRAFFIC SIGNAL
EQUIPMENT
U.S. ROUTE 41 (SKOKIE BOULEVARD)
AND FOSTER STREET

40' 0 40'
HORIZ. 1"=40'
DATE: 11-14-08

SHEET 2 OF 2
DRAWN BY SAG
DESIGNED BY SRS
CHECKED BY KMM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	65
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

NOTES:
 PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
 PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
 PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8
 PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 8 AND 2



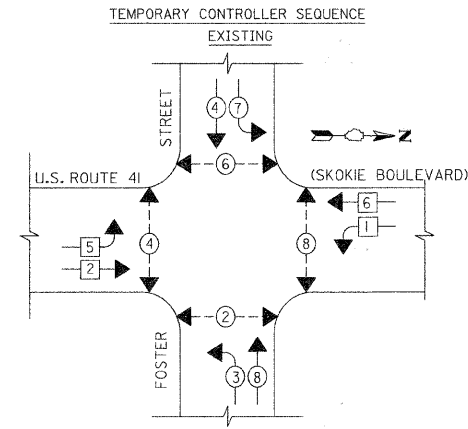
CABLE PLAN

TEMPORARY CABLE DIAGRAM LEGEND

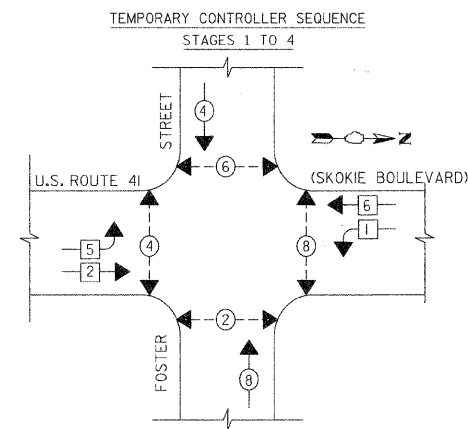
- [R] TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- [X] TEMPORARY CONTROLLER CABINET
- [⊕] TEMPORARY SERVICE INSTALLATION
- (5) INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED
- [▶] EMERGENCY VEHICLE LIGHT DETECTOR
- [●] CONFIRMATION BEACON
- [□] VEHICLE DETECTOR, INDUCTION LOOP
- [⊙] PUSHBUTTON DETECTOR
- [⊠] 12" (300mm) PEDESTRIAN SIGNAL SECTION
- [▶] MICROWAVE VEHICLE SENSOR
- [⚡] TEMPORARY RADIO INTERCONNECT ANTENNA
- [V] VIDEO DETECTOR
- [●] TEMPORARY 15' MAST ARM WITH 400W HPS LUMINAIRE AT 45' MOUNTING HEIGHT

CONSTRUCTION NOTES:

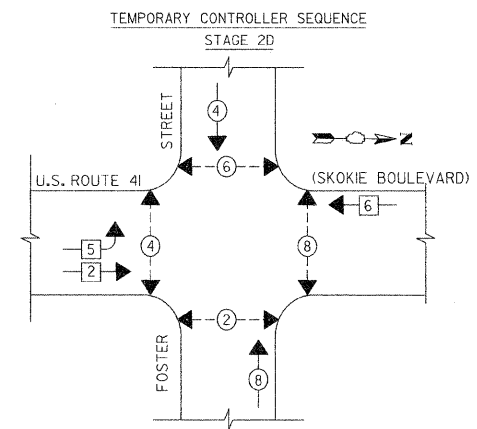
- * - THESE TEMPORARY SIGNAL HEADS SHALL BE BAGGED DURING MAINTENANCE OF TRAFFIC STAGE 2D
- ** - THESE TEMPORARY SIGNAL HEADS SHALL BE BAGGED DURING MAINTENANCE OF TRAFFIC STAGES 1 TO 4



PHASE DESIGNATION DIAGRAM



PHASE DESIGNATION DIAGRAM



PHASE DESIGNATION DIAGRAM

LEGEND

- [⊕] DUAL ENTRY PHASE
- [*] SINGLE ENTRY PHASE
- [⊙] PEDESTRIAN PHASE
- [OL] OVERLAP
- * NUMBER REFERS TO ASSOCIATED PHASE

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

PLOT DATE = 11/19/2008
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

1051 PERIMETER DRIVE, SUITE 1025
 SHAMBOURG, ILLINOIS 60173
 (847) 605-9800



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		%OPERATION	
SIGNAL (RED)	16	---	17	0.50	136
(YELLOW)	16	---	25	0.25	100
(GREEN)	16	---	15	0.25	60
ARROW	8	---	12	0.10	10
PED SIGNAL	8	---	25	1.0	200
CONTROLLER	1	---	100	1.0	100
ILLUM. SIGN					
FLASHER					
ENERGY COSTS TO:					TOTAL= 606
VILLAGE OF SKOKIE 5050 GROSS POINT ROAD SKOKIE, IL 60077					
ENERGY SUPPLY CONTACT: MR. LARRY SHANK PHONE: (847) 816-5465 COMPANY: COMED					

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY CABLE PLAN AND
 TEMPORARY PHASE DESIGNATION DIAGRAM
 U.S. ROUTE 41 (SKOKIE BOULEVARD)
 AND FOSTER STREET

SCALE NOT TO SCALE
 DATE 11-14-08

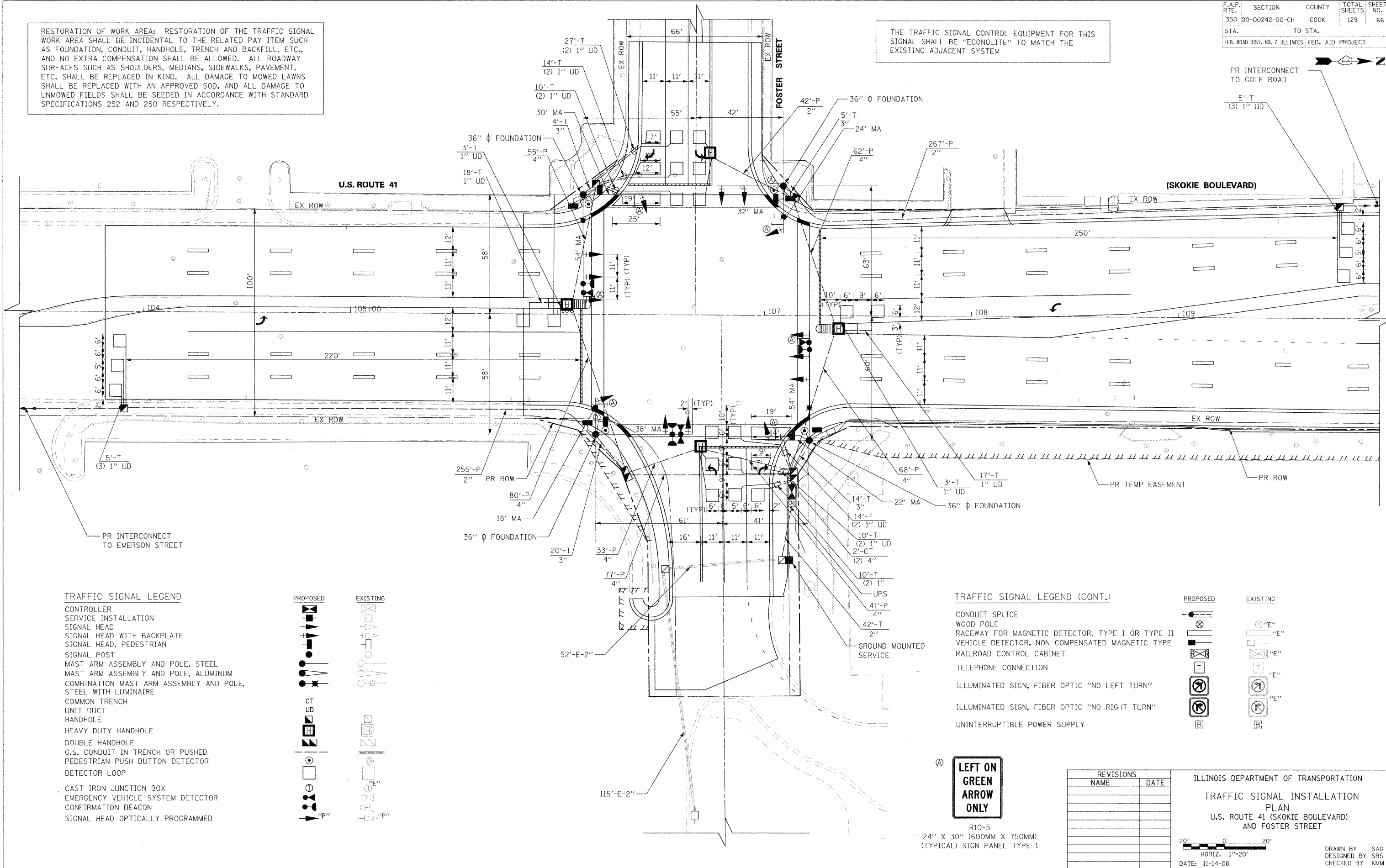
DRAWN BY SAG
 DESIGNED BY SRS
 CHECKED BY KMM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	66
STA. TO STA.				
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, 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 SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

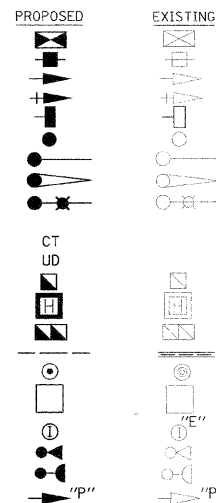
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

PLOT DATE = 11/13/2008
 FILE NAME = 8F11E1
 PLOT SCALE = 8SCALE
 USER NAME = 0USER8



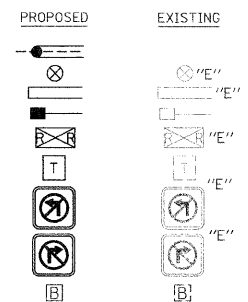
TRAFFIC SIGNAL LEGEND

- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
- COMMON TRENCH
- UNIT DUCT
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- G.S. CONDUIT IN TRENCH OR PUSHED
- PEDESTRIAN PUSH BUTTON DETECTOR
- DETECTOR LOOP
- CAST IRON JUNCTION BOX
- EMERGENCY VEHICLE SYSTEM DETECTOR
- CONFIRMATION BEACON
- SIGNAL HEAD OPTICALLY PROGRAMMED



TRAFFIC SIGNAL LEGEND (CONT.)

- CONDUIT SPLICE
- WOOD POLE
- RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
- VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
- RAILROAD CONTROL CABINET
- TELEPHONE CONNECTION
- ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
- ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
- UNINTERRUPTIBLE POWER SUPPLY

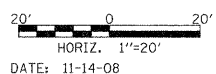


LEFT ON GREEN ARROW ONLY

R10-5
 24" X 30" (600MM X 750MM)
 (TYPICAL) SIGN PANEL TYPE 1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SIGNAL INSTALLATION
 PLAN
 U.S. ROUTE 41 (SKOKIE BOULEVARD)
 AND FOSTER STREET



DRAWN BY SAG
 DESIGNED BY SRS
 CHECKED BY KMM

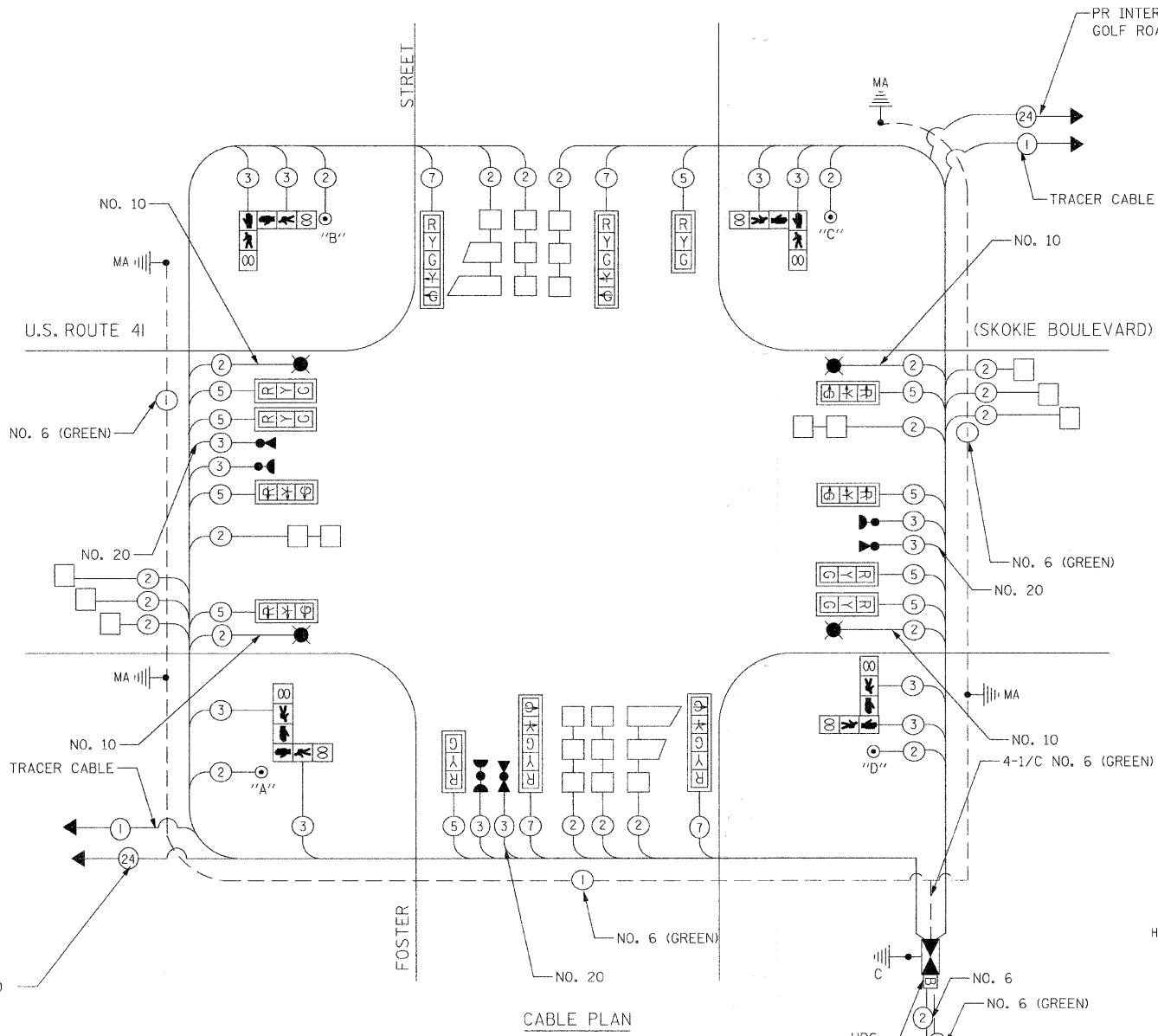
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	67
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

NOTES:
 PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
 PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
 PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8
 PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 8 AND 2

SCHEDULE OF QUANTITIES

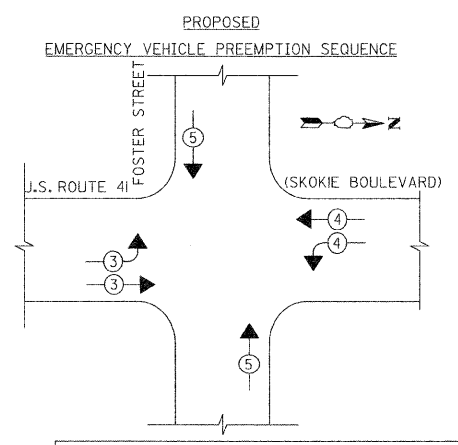
QUANTITY	UNIT	ITEM
42	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
564	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
43	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
4	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
416	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
4	EACH	HANDHOLE
4	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
96	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
637	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1,964	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
2,080	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
815	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
3,543	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
73	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
4	FOOT	CONCRETE FOUNDATION, TYPE C
60	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
10	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
14	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
14	EACH	INDUCTIVE LOOP DETECTOR
997	FOOT	DETECTOR LOOP, TYPE I
3	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
12	EACH	REMOVE EXISTING HANDHOLE
1	EACH	SERVICE INSTALLATION - GROUND MOUNTED
465	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
649	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
10	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 18 FT. AND 38 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 22 FT. AND 54 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 30 FT. AND 54 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 24 FT. AND 32 FT.
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMINGS

PLOT DATE = 11/19/2008
 FILE NAME = 01111111
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = MUSER8



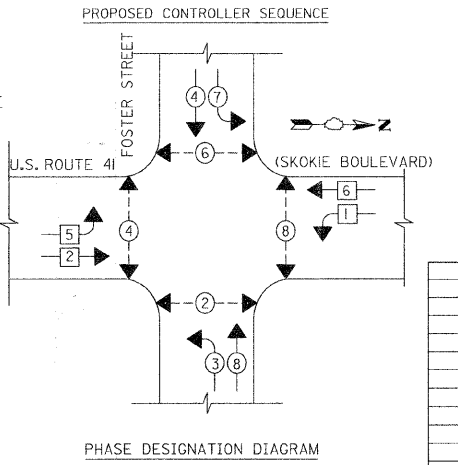
CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
⊗	⊗	8" (200mm) TRAFFIC SIGNAL SECTION
⊗	⊗	12" (300mm) TRAFFIC SIGNAL SECTION
⊗	⊗	12" (300mm) PEDESTRIAN SIGNAL SECTION
⊗	⊗	12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER
⊗	⊗	CONTROLLER CABINET
⊗	⊗	SERVICE INSTALLATION
⊗	⊗	TELEPHONE CONNECTION
⊗	⊗	MAGNETIC DETECTOR
⊗	⊗	VEHICLE DETECTOR, INDUCTION LOOP
⊗	⊗	EMERGENCY VEHICLE LIGHT DETECTOR
⊗	⊗	CONFIRMATION BEACON
⊗	⊗	PUSHBUTTON DETECTOR
⊗	⊗	DENOTES NUMBER OF CONDUCTORS
⊗	⊗	ALL CABLE NO. 14 EXCEPT AS INDICATED
⊗	⊗	ALL LOOP DETECTOR CABLE TO BE SHIELDED
⊗	⊗	GROUND CABLE IN CONDUIT
⊗	⊗	NO. 6 SOLID COPPER (GREEN)
⊗	⊗	FIBER OPTIC CABLE IN CONDUIT
⊗	⊗	NO. 62.5/125 MM12F SM12F
⊗	⊗	SIGNAL FACE WITH BACKPLATE
⊗	⊗	"P" INDICATES PROGRAMMED HEAD
⊗	⊗	RAILROAD CONTROL CABINET
⊗	⊗	ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
⊗	⊗	ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
⊗	⊗	GROUND ROD AT HANDHOLE, DOUBLE HANDHOLE, OR CONTROLLER
⊗	⊗	GROUND ROD AT POST OR MAST ARM POLE
⊗	⊗	GROUND ROD AT ELECTRIC SERVICE INSTALLATION
⊗	⊗	UNINTERRUPTIBLE POWER SUPPLY
⊗	⊗	STREET LIGHT LUMINAIRE



LEGEND

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



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

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

TYPE	NO. LAMPS	INCAND.	LED	OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	---	17	0.50	119
(YELLOW)	14	---	25	0.25	88
(GREEN)	14	---	15	0.25	53
ARROW	8	---	12	0.10	10
PED SIGNAL CONTROLLER	8	---	25	1.0	200
ILLUM. STGN	1	---	100	1.0	100

FLASHER ENERGY COSTS TO: VILLAGE OF SKOKIE 9050 GROSS POINT ROAD SKOKIE, IL, 60077

ENERGY SUPPLY CONTACT: MR. LARRY SHANK PHONE: (847) 816-5465 COMPANY: COMED

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2'
E - M. ARM POLE	24" (600mm)	SIGNAL POST	2 (1.0)	BRACKET MOUNTED	13 (4.0)
	30" (750mm)	CONTROLLER CAB.	1 (0.5)	PEDESTRIAN SIGNAL	4 (1.2)
	36" (900mm)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	6 (1.8)

PROPOSED EMERGENCY VEHICLE PREEMPTORS

EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	→	↑

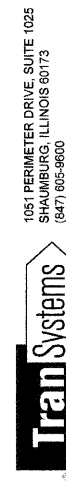
REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CABLE PLAN PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES
 U.S.ROUTE 41 (SKOKIE BOULEVARD) FOSTER STREET

SCALE NOT TO SCALE
 DATE 11-14-08

DRAWN BY SAC
 DESIGNED BY SRS
 CHECKED BY KMM



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	68
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

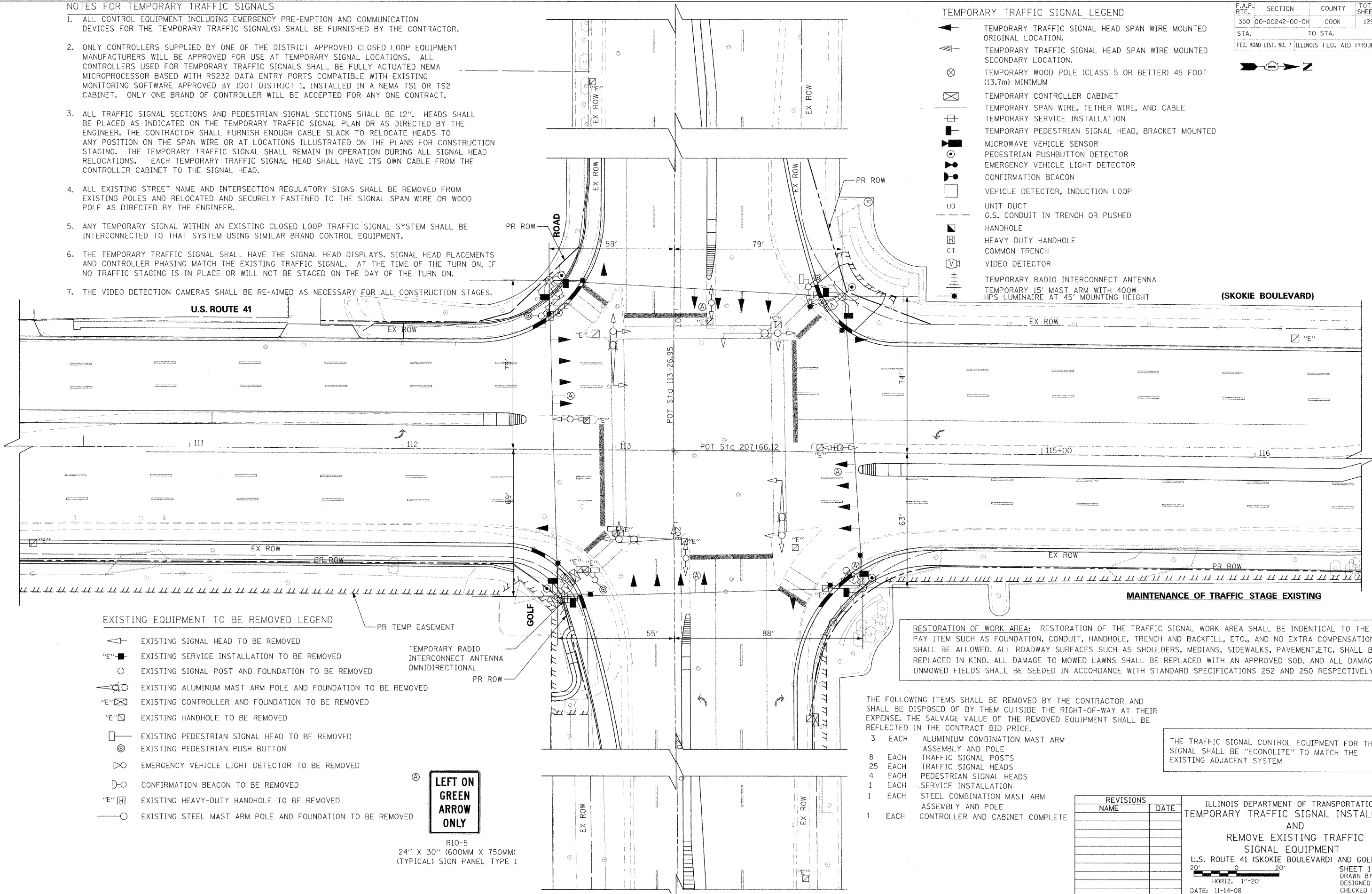
NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TSI OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES AND RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL. AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
- THE VIDEO DETECTION CAMERAS SHALL BE RE-AIMED AS NECESSARY FOR ALL CONSTRUCTION STAGES.

TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION.
- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION.
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- MICROWAVE VEHICLE SENSOR
- PEDESTRIAN PUSHBUTTON DETECTOR
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- UNIT DUCT
- G.S. CONDUIT IN TRENCH OR PUSHED
- HANDHOLE
- HEAVY DUTY HANDHOLE
- COMMON TRENCH
- VIDEO DETECTOR
- TEMPORARY RADIO INTERCONNECT ANTENNA
- TEMPORARY 15' MAST ARM WITH 400W HPS LUMINAIRE AT 45' MOUNTING HEIGHT

PLOT DATE = 11/13/2008
 PLOT SCALE = 1"=20'
 PLOT USER = SRS



EXISTING EQUIPMENT TO BE REMOVED LEGEND

- EXISTING SIGNAL HEAD TO BE REMOVED
- EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- EXISTING HANDHOLE TO BE REMOVED
- EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- EXISTING PEDESTRIAN PUSH BUTTON
- EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- CONFIRMATION BEACON TO BE REMOVED
- EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED

LEFT ON GREEN ARROW ONLY

R10-5
24" X 30" (600MM X 750MM)
(TYPICAL) SIGN PANEL TYPE 1

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

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 ALUMINUM COMBINATION MAST ARM ASSEMBLY AND POLE
- 8 EACH TRAFFIC SIGNAL POSTS
- 25 EACH TRAFFIC SIGNAL HEADS
- 4 EACH PEDESTRIAN SIGNAL HEADS
- 1 EACH SERVICE INSTALLATION
- 1 EACH STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
- 1 EACH CONTROLLER AND CABINET COMPLETE

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNAL INSTALLATION
 AND
 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
 U.S. ROUTE 41 (SKOKIE BOULEVARD) AND GOLF ROAD

HORIZ. 1"=20'
 DATE: 11-14-08

SHEET 1 OF 3
 DRAWN BY SAG
 DESIGNED BY SRS
 CHECKED BY KMM

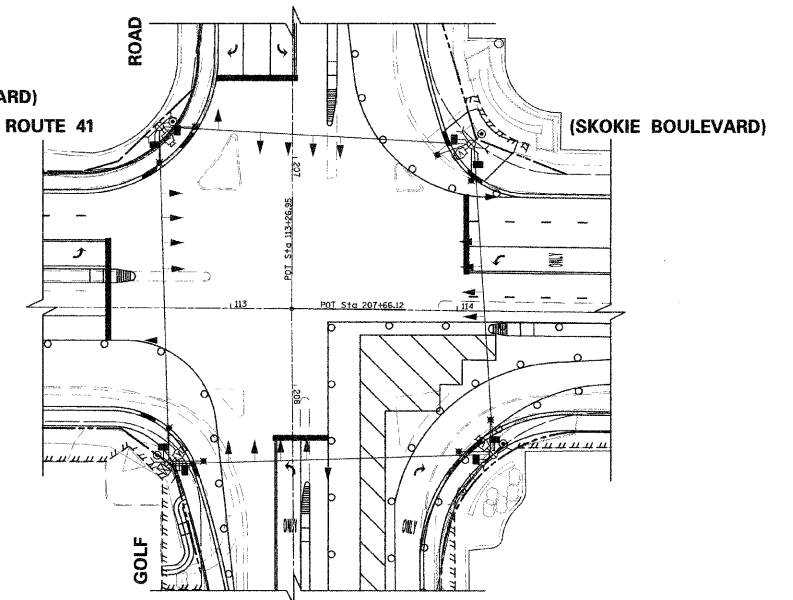
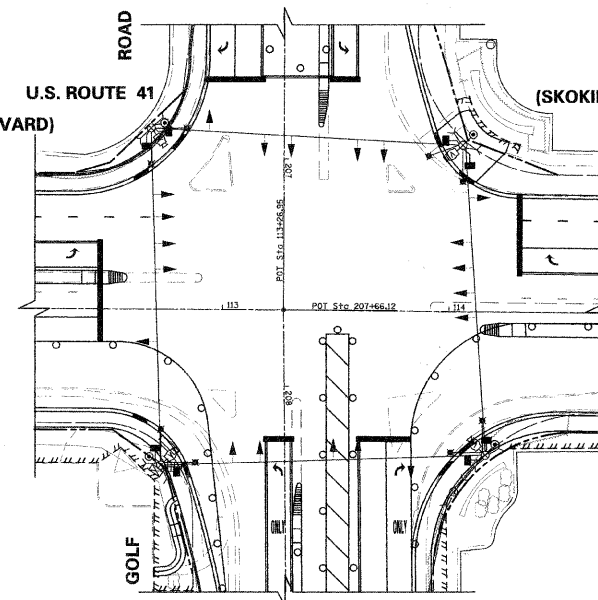
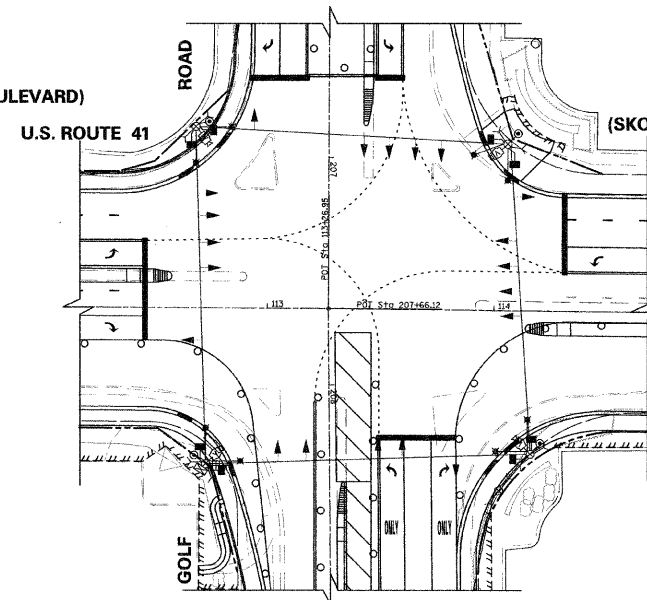
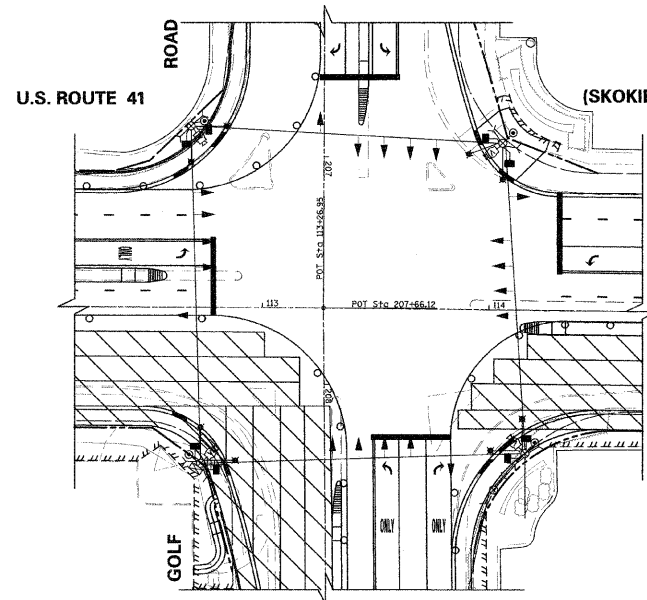
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	69
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

MAINTENANCE OF TRAFFIC STAGE 1 AND 1A

MAINTENANCE OF TRAFFIC STAGE 1B

MAINTENANCE OF TRAFFIC STAGE 1C

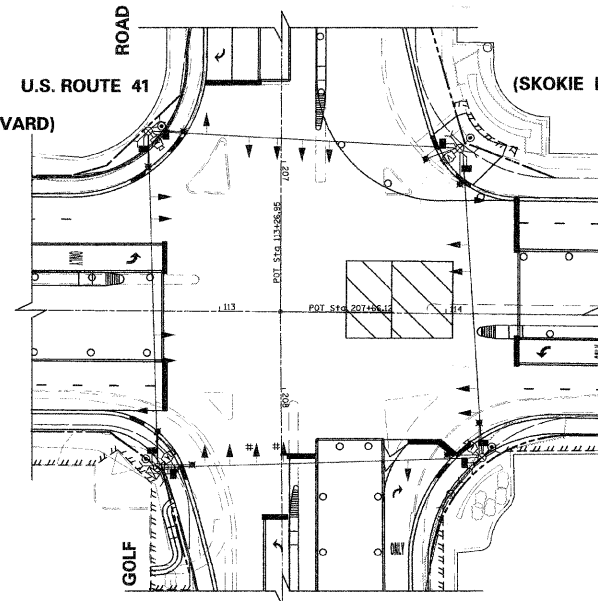
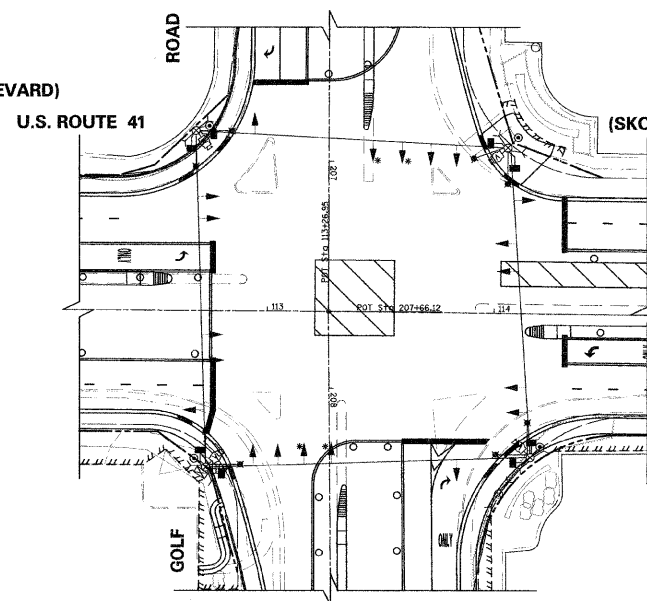
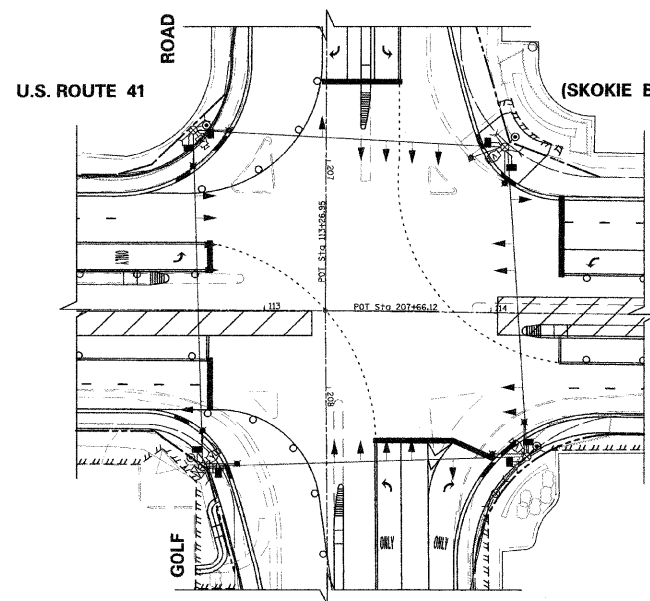
MAINTENANCE OF TRAFFIC STAGE 1D AND 1E



MAINTENANCE OF TRAFFIC STAGE 2 AND 2A

MAINTENANCE OF TRAFFIC STAGE 2B

MAINTENANCE OF TRAFFIC STAGE 2C



TEMPORARY TRAFFIC SIGNAL LEGEND

- ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION.
- ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION.
- ⊙ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ⊞ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊞ TEMPORARY SERVICE INSTALLATION
- ⊞ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊞ MICROWAVE VEHICLE SENSOR
- ⊞ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊞ CONFIRMATION BEACON
- ⊞ VEHICLE DETECTOR, INDUCTION LOOP
- ⊞ UNIT DUCT
- ⊞ G.S. CONDUIT IN TRENCH OR PUSHED HANDHOLE
- ⊞ HEAVY DUTY HANDHOLE
- ⊞ COMMON TRENCH
- ⊞ VIDEO DETECTOR
- ⊞ TEMPORARY RADIO INTERCONNECT ANTENNA
- ⊞ TEMPORARY 15' MAST ARM WITH 400W HPS LUMINAIRE AT 45' MOUNTING HEIGHT

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ▲ EXISTING SIGNAL HEAD TO BE REMOVED
- ⊞ EXISTING SERVICE INSTALLATION TO BE REMOVED
- ⊞ EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING HANDHOLE TO BE REMOVED
- ⊞ EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- ⊞ EXISTING PEDESTRIAN PUSH BUTTON
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ⊞ CONFIRMATION BEACON TO BE REMOVED
- ⊞ EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- ⊞ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED

CONSTRUCTION NOTES:

- * - THESE TEMPORARY SIGNAL HEADS SHALL BE BAGGED DURING MAINTENANCE OF TRAFFIC STAGE 2B
- # - THESE TEMPORARY SIGNAL HEADS SHALL BE BAGGED DURING MAINTENANCE OF TRAFFIC STAGE 2C

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNAL INSTALLATION
 AND
 REMOVE EXISTING TRAFFIC
 SIGNAL EQUIPMENT
 U.S. ROUTE 41 (SKOKIE BOULEVARD) AND GOLF ROAD

40' 0 40'
 HORIZ. 1"=40'
 DATE: 11-14-08

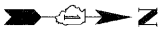
SHEET 2 OF 3
 DRAWN BY SAC
 DESIGNED BY SRS
 CHECKED BY KMM

PLOT DATE = 11/13/2008
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

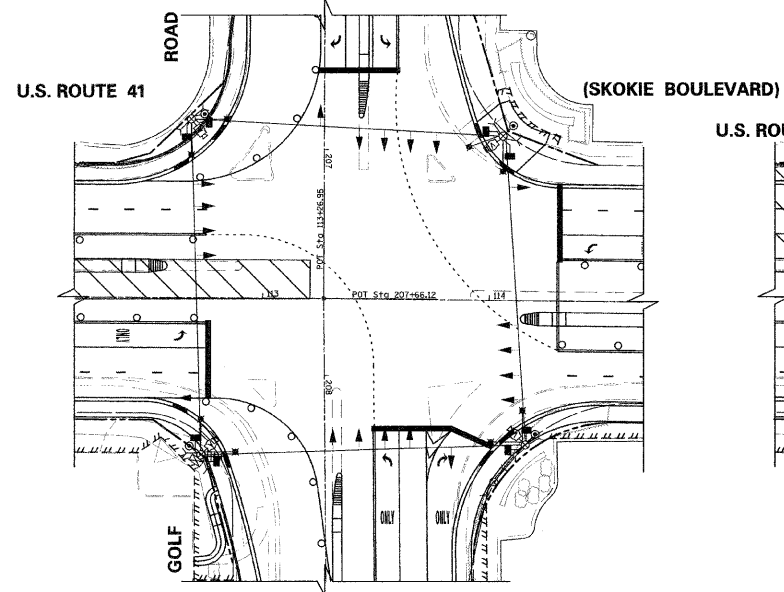
1051 PERIMETER DRIVE, SUITE 1025
 SHAMBOURG, ILLINOIS 60173
 (847) 605-9600



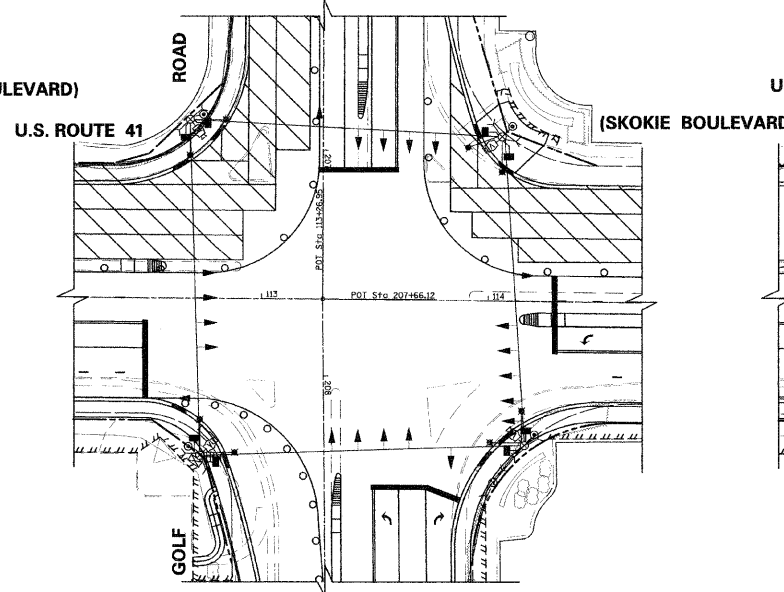
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	70
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		



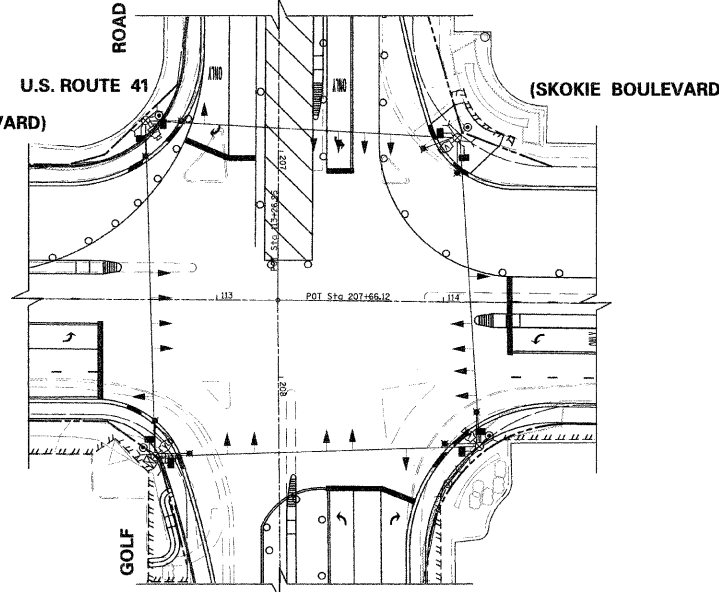
MAINTENANCE OF TRAFFIC STAGE 2D TO 2G



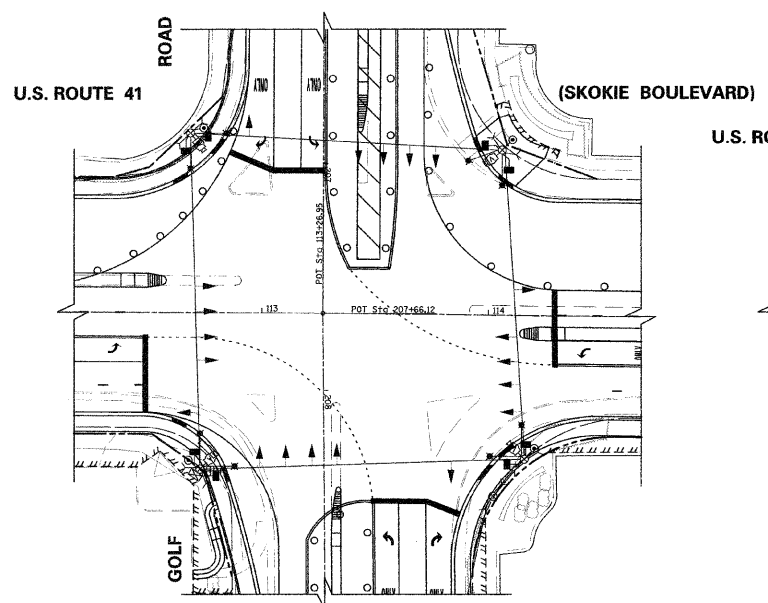
MAINTENANCE OF TRAFFIC STAGE 3 AND 3A



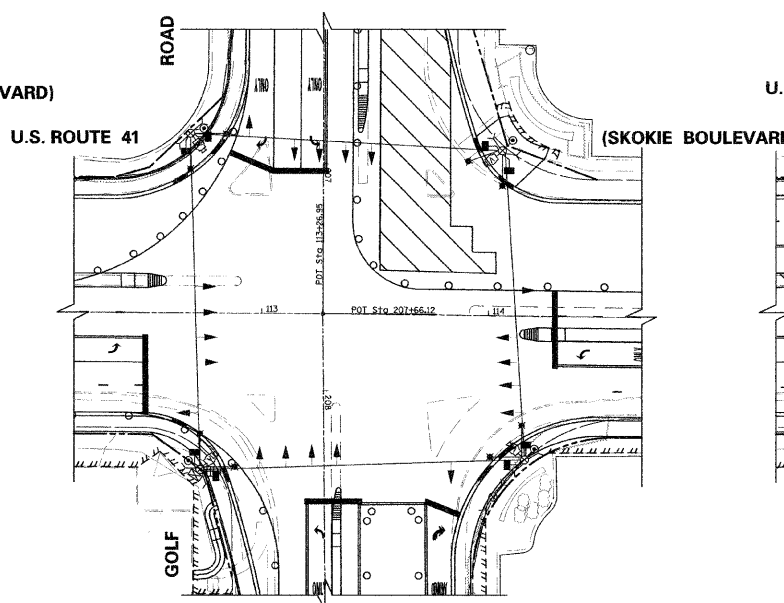
MAINTENANCE OF TRAFFIC STAGE 3B



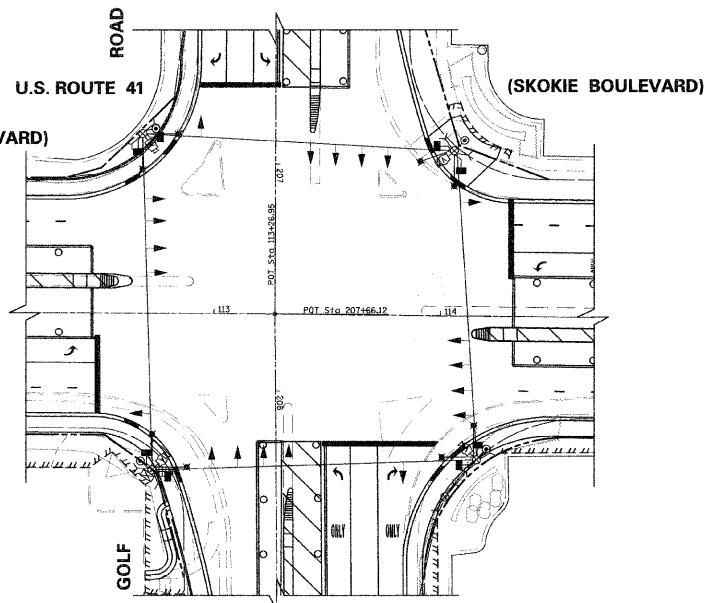
MAINTENANCE OF TRAFFIC STAGE 3C



MAINTENANCE OF TRAFFIC STAGE 3D



MAINTENANCE OF TRAFFIC STAGE 4



TEMPORARY TRAFFIC SIGNAL LEGEND

- ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION.
- ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION.
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ☒ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ☒ TEMPORARY SERVICE INSTALLATION
- ☒ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ☒ MICROWAVE VEHICLE SENSOR
- ☒ PEDESTRIAN PUSHBUTTON DETECTOR
- ☒ EMERGENCY VEHICLE LIGHT DETECTOR
- ☒ CONFIRMATION BEACON
- ☒ VEHICLE DETECTOR, INDUCTION LOOP
- ☒ UNIT DUCT
- G.S. CONDUIT IN TRENCH OR PUSHED
- ☒ HANDHOLE
- ☒ HEAVY DUTY HANDHOLE
- ☒ COMMON TRENCH
- ☒ VIDEO DETECTOR
- ☒ TEMPORARY RADIO INTERCONNECT ANTENNA
- ☒ TEMPORARY 15' MAST ARM WITH 400W HPS LUMINAIRE AT 45' MOUNTING HEIGHT

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ▲ EXISTING SIGNAL HEAD TO BE REMOVED
- ☒ EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ▲ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ☒ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- ☒ EXISTING HANDHOLE TO BE REMOVED
- ☒ EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- ☒ EXISTING PEDESTRIAN PUSH BUTTON
- ☒ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ☒ CONFIRMATION BEACON TO BE REMOVED
- ☒ EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- ☒ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED

PLOT DATE = 11/13/2008
 FILE NAME = 41114
 PLOT SCALE = 1/40
 USER NAME =

1051 PERIMETER DRIVE, SUITE 1025
 SHAUMBURG, ILLINOIS 60173
 (847) 905-9600



REVISIONS	
NAME	DATE

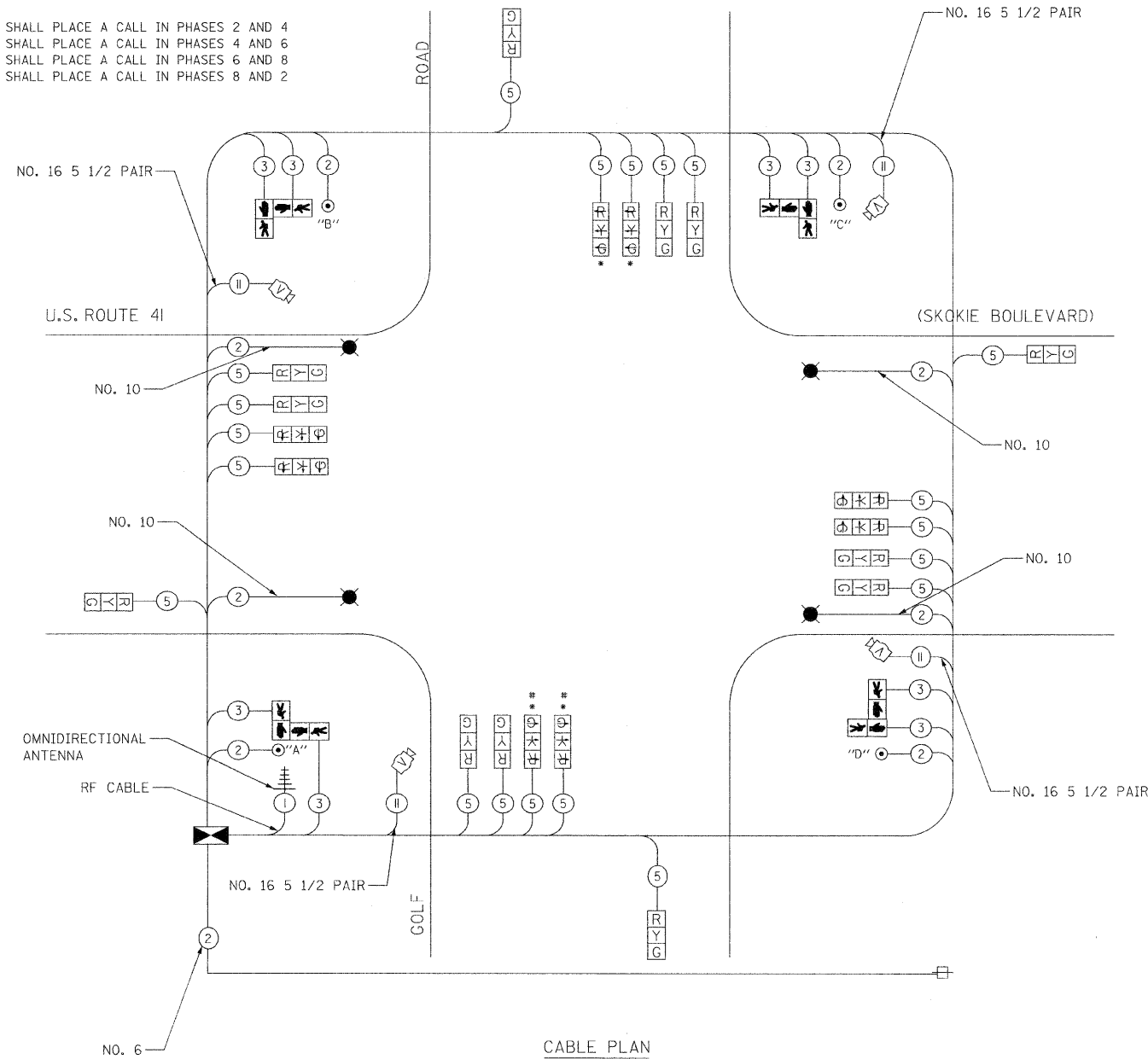
ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNAL INSTALLATION
 AND
 REMOVE EXISTING TRAFFIC
 SIGNAL EQUIPMENT
 U.S. ROUTE 41 (SKOKIE BOULEVARD) AND GOLF ROAD

40' 0 40'
 HORIZ. 1"=40'
 DATE: 11-14-08

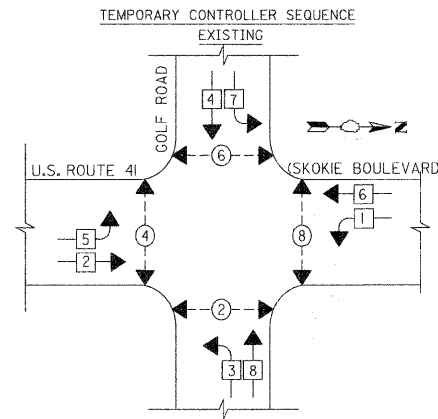
SHEET 3 OF 3
 DRAWN BY SAG
 DESIGNED BY SRS
 CHECKED BY KMM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	71
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

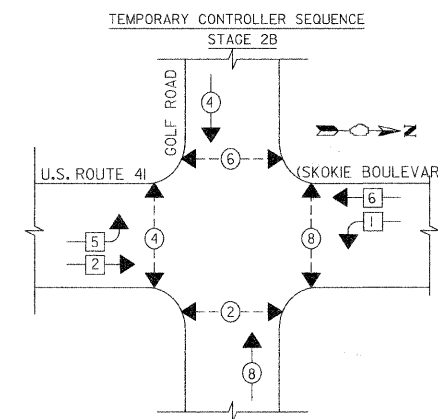
NOTES:
 PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
 PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
 PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8
 PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 8 AND 2



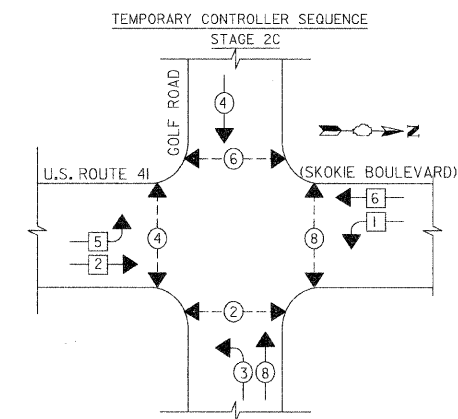
CABLE PLAN



PHASE DESIGNATION DIAGRAM



PHASE DESIGNATION DIAGRAM



PHASE DESIGNATION DIAGRAM

- LEGEND
- ◀*▶ DUAL ENTRY PHASE
 - ◀* SINGLE ENTRY PHASE
 - ◀*▶ PEDESTRIAN PHASE
 - ◀*▶ OL OVERLAP
 - * NUMBER REFERS TO ASSOCIATED PHASE

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

TEMPORARY CABLE DIAGRAM LEGEND

- Ⓜ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- Ⓜ TEMPORARY CONTROLLER CABINET
- Ⓜ TEMPORARY SERVICE INSTALLATION
- ⑤ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED
- ▶ EMERGENCY VEHICLE LIGHT DETECTOR
- ▶ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- Ⓜ PUSHBUTTON DETECTOR
- ▶ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- ▶ MICROWAVE VEHICLE SENSOR
- Ⓜ TEMPORARY RADIO INTERCONNECT ANTENNA
- Ⓜ VIDEO DETECTOR
- ▶ TEMPORARY 15' MAST ARM WITH 400W HPS LUMINAIRE AT 45' MOUNTING HEIGHT

CONSTRUCTION NOTES:

- * - THESE TEMPORARY SIGNAL HEADS SHALL BE BAGGED DURING MAINTENANCE OF TRAFFIC STAGE 2B
- * - THESE TEMPORARY SIGNAL HEADS SHALL BE BAGGED DURING MAINTENANCE OF TRAFFIC STAGE 2C

11/19/2008
 FILE NAME = HFILE*
 PLOT SCALE = *SCALE*
 USER NAME = *USER*

1051 PERIMETER DRIVE, SUITE 1025
 SHALMBURG, ILLINOIS 60173
 (847) 605-9600



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	INCAND.	LED	OPERATION	
SIGNAL (RED)	20	---	17	0.50	170
(YELLOW)	20	---	25	0.25	125
(GREEN)	20	---	15	0.25	75
ARROW	8	---	12	0.10	10
PED SIGNAL	8	---	25	1.0	200
CONTROLLER	1	---	100	1.0	100
ILLUM. SIGN					
FLASHER					
ENERGY COSTS TO: VILLAGE OF SKOKIE 9050 GROSS POINT ROAD SKOKIE, IL 60077					TOTAL= 680
ENERGY SUPPLY CONTACT: MR. LARRY SHANK PHONE: (847) 816-5465 COMPANY: COMED					

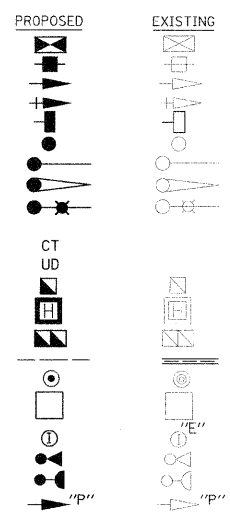
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY CABLE PLAN AND
 TEMPORARY PHASE DESIGNATION DIAGRAM
 U.S. ROUTE 41 (SKOKIE BOULEVARD) AND GOLF ROAD
 SCALE NOT TO SCALE
 DATE 11-14-08
 DRAWN BY SAC
 DESIGNED BY SRS
 CHECKED BY KMM

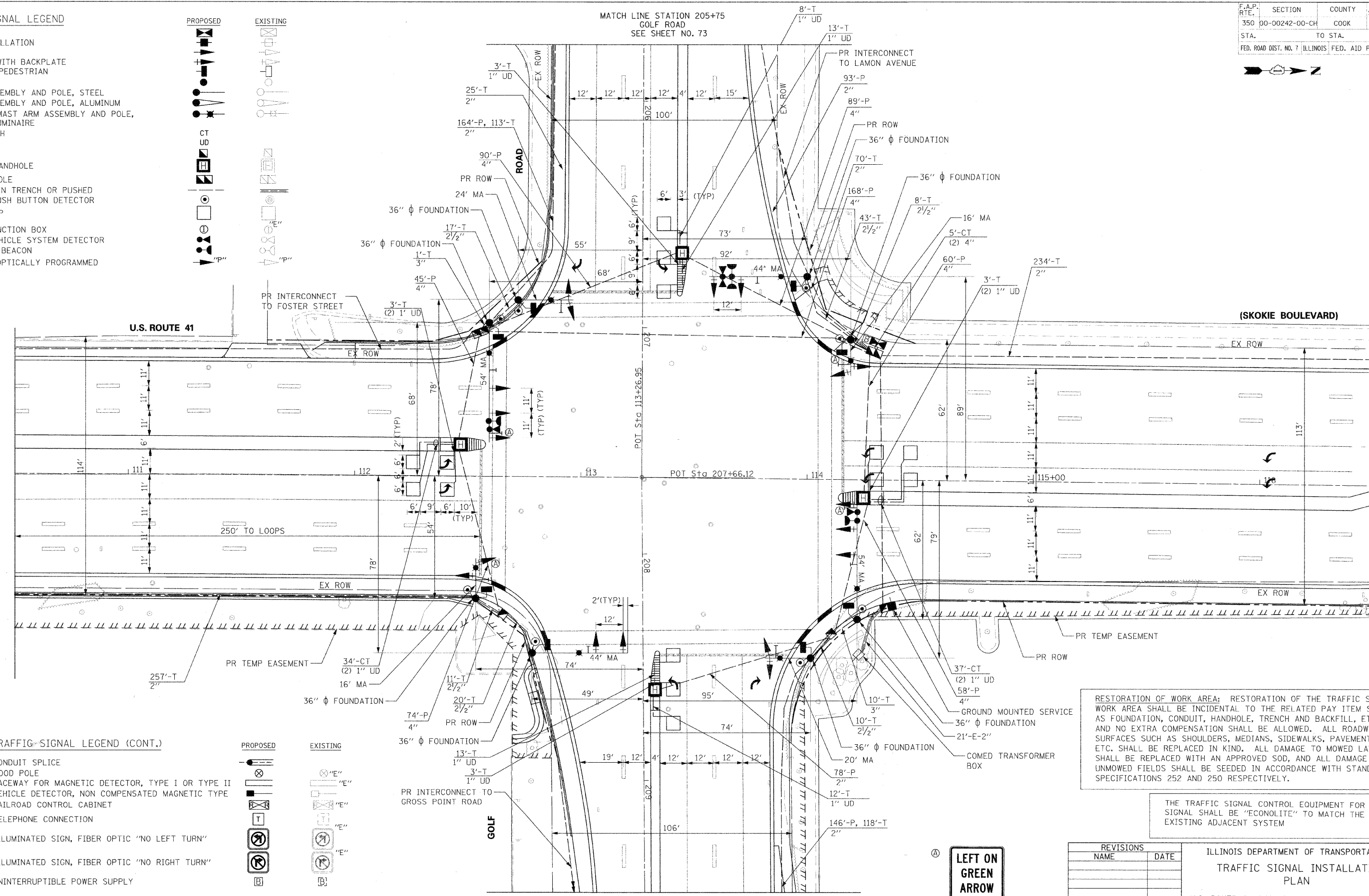
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	72
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
- COMMON TRENCH
- UNIT DUCT
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- G.S. CONDUIT IN TRENCH OR PUSHED
- PEDESTRIAN PUSH BUTTON DETECTOR
- DETECTOR LOOP
- CAST IRON JUNCTION BOX
- EMERGENCY VEHICLE SYSTEM DETECTOR
- CONFIRMATION BEACON
- SIGNAL HEAD OPTICALLY PROGRAMMED



PLOT DATE = 11/13/2008
 FILE NAME = 451121.DWG
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = JLS/BR

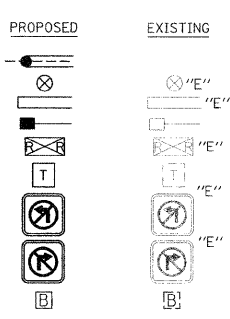


MATCH LINE STATION 110+50
 U.S. ROUTE 41 (SKOKIE BOULEVARD)
 SEE SHEET NO. 73

MATCH LINE STATION 116+50
 U.S. ROUTE 41 (SKOKIE BOULEVARD)
 SEE SHEET NO. 73

TRAFFIC SIGNAL LEGEND (CONT.)

- CONDUIT SPLICE
- WOOD POLE
- RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
- VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
- RAILROAD CONTROL CABINET
- TELEPHONE CONNECTION
- ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
- ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
- UNINTERRUPTIBLE POWER SUPPLY



RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, 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.

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

LEFT ON GREEN ARROW ONLY

R10-5
24" X 30" (600MM X 750MM)
(TYPICAL) SIGN PANEL TYPE 1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INSTALLATION PLAN
 U.S. ROUTE 41 (SKOKIE BOULEVARD) AND GOLF ROAD
 SHEET 1 OF 2

DATE: 11-14-08

DRAWN BY: SAC
 DESIGNED BY: SRS
 CHECKED BY: KMM

1061 PERIMETER DRIVE, SUITE 1025
 SHAUMBURG, ILLINOIS 60173
 (847) 635-9500

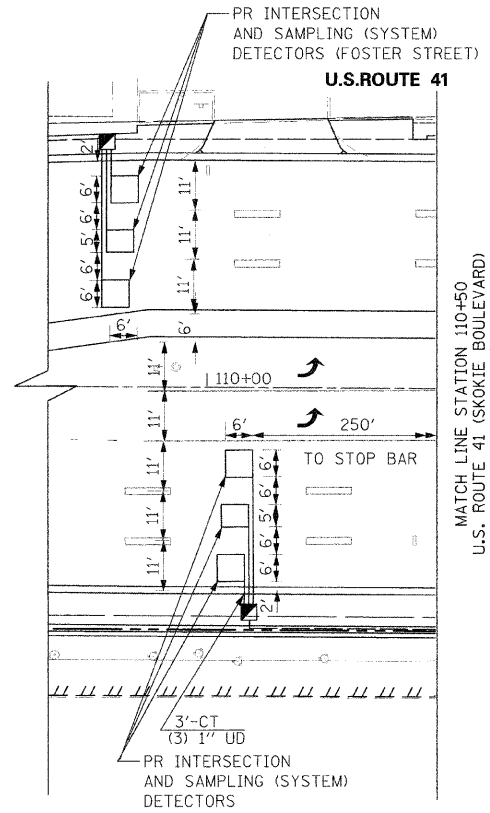
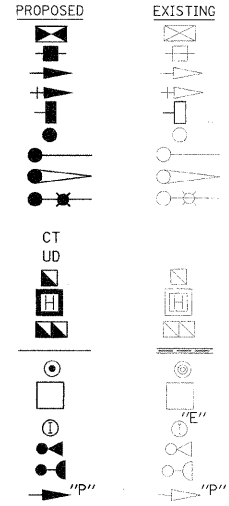


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	73
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

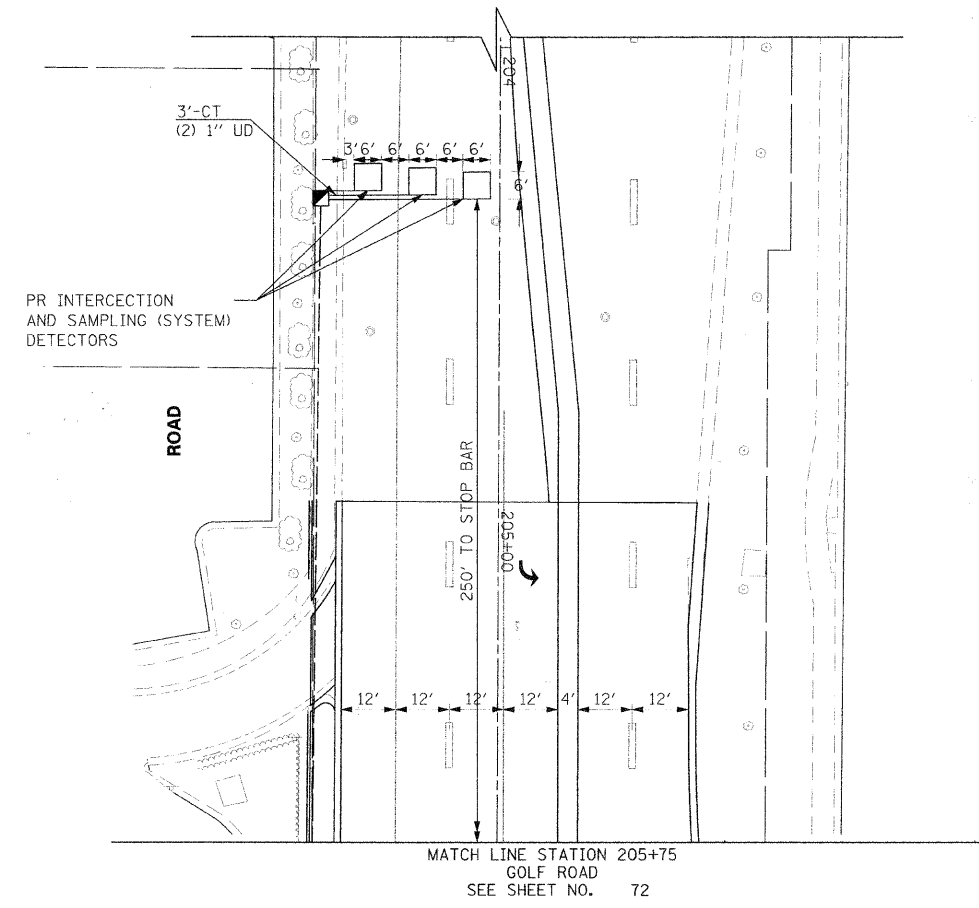


TRAFFIC SIGNAL LEGEND

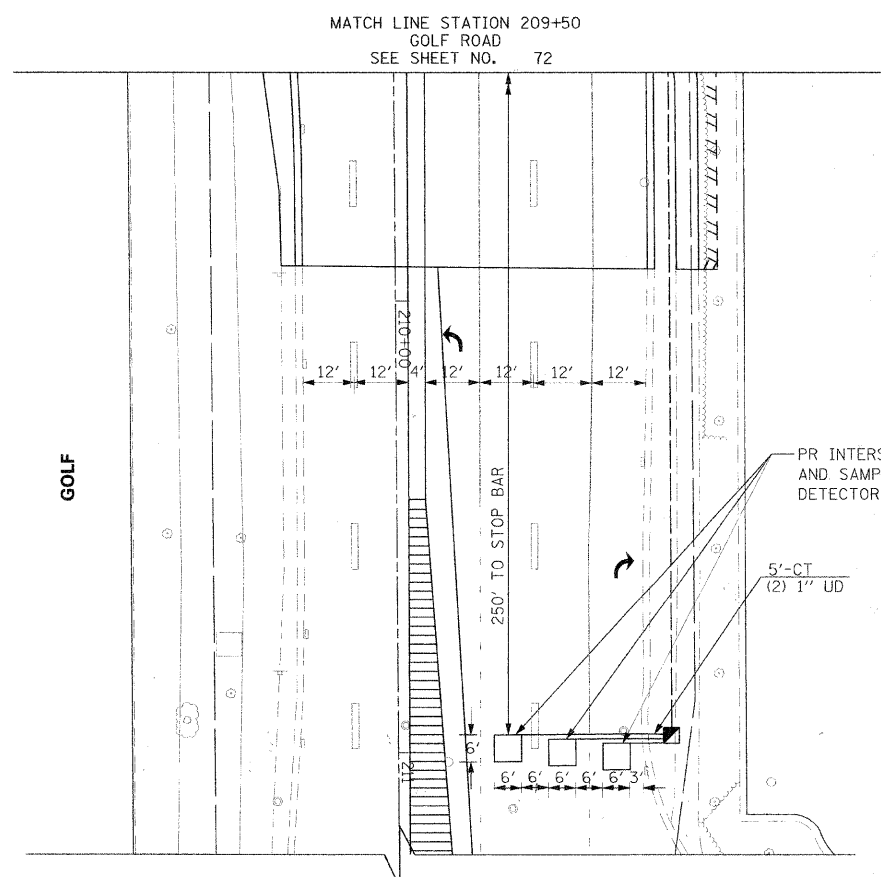
- CONTROLLER
 SERVICE INSTALLATION
 SIGNAL HEAD
 SIGNAL HEAD WITH BACKPLATE
 SIGNAL HEAD, PEDESTRIAN
 SIGNAL POST
 MAST ARM ASSEMBLY AND POLE, STEEL
 MAST ARM ASSEMBLY AND POLE, ALUMINUM
 COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
 COMMON TRENCH
 UNIT DUCT
 HANDHOLE
 HEAVY DUTY HANDHOLE
 DOUBLE HANDHOLE
 G.S. CONDUIT IN TRENCH OR PUSHED
 PEDESTRIAN PUSH BUTTON DETECTOR
 DETECTOR LOOP
 CAST IRON JUNCTION BOX
 EMERGENCY VEHICLE SYSTEM DETECTOR
 CONFIRMATION BEACON
 SIGNAL HEAD OPTICALLY PROGRAMMED



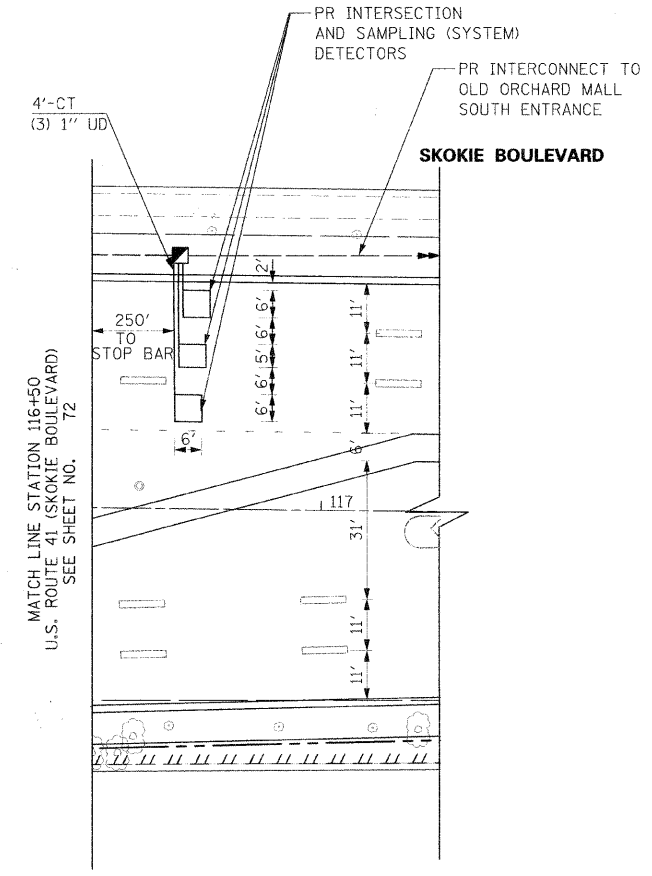
MATCH LINE STATION 110+50
U.S. ROUTE 41 (SKOKIE BOULEVARD)
SEE SHEET NO. 72



MATCH LINE STATION 205+75
GOLF ROAD
SEE SHEET NO. 72



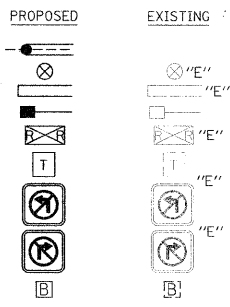
MATCH LINE STATION 209+50
GOLF ROAD
SEE SHEET NO. 72



MATCH LINE STATION 116+50
U.S. ROUTE 41 (SKOKIE BOULEVARD)
SEE SHEET NO. 72

TRAFFIC SIGNAL LEGEND (CONT.)

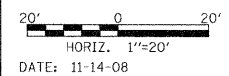
- CONDUIT SPLICE
 WOOD POLE
 RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
 VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
 RAILROAD CONTROL CABINET
 TELEPHONE CONNECTION
 ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
 ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
 UNINTERRUPTIBLE POWER SUPPLY



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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INSTALLATION
 PLAN
 U.S. ROUTE 41 (SKOKIE BOULEVARD) AND GOLF ROAD
 SHEET 2 OF 2



DRAWN BY SAG
 DESIGNED BY SRS
 CHECKED BY KMM

PLOT DATE = 11/13/2008
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

1051 PERIMETER DRIVE, SUITE 1025
 SHAMBOURG, ILLINOIS 60173
 (847) 935-9600



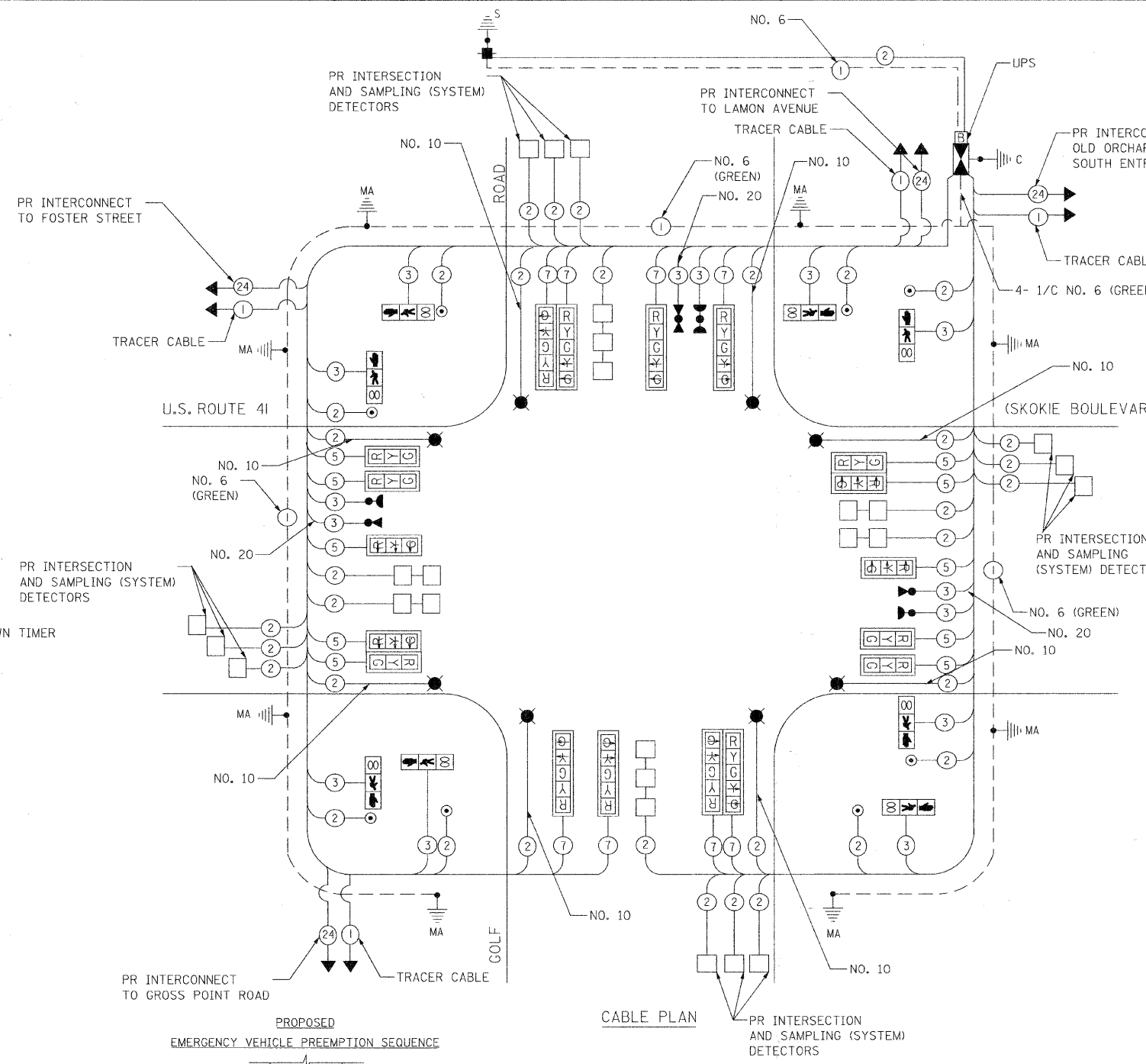
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	74
STA. TO STA.		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

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

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
109	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
11	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
817	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
477	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
10	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
584	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
7	EACH	HANDHOLE
4	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
1,601	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1,696	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1,913	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
2,408	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
2,038	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
1,514	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
225	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.
4	FOOT	CONCRETE FOUNDATION, TYPE C
120	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
10	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
8	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
8	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
18	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
18	EACH	INDUCTIVE LOOP DETECTOR
916	FOOT	DETECTOR LOOP, TYPE I
3	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
8	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
16	EACH	REMOVE EXISTING HANDHOLE
1	EACH	SERVICE INSTALLATION - GROUND MOUNTED
1,306	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
650	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
12	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMINGS

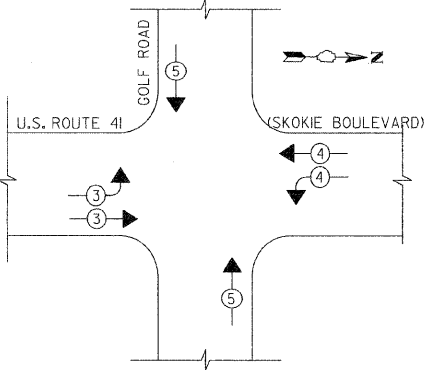
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 USER NAME = BUSER8



CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		8" (200mm) TRAFFIC SIGNAL SECTION
		12" (300mm) TRAFFIC SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER
		CONTROLLER CABINET
		SERVICE INSTALLATION
		TELEPHONE CONNECTION
		MAGNETIC DETECTOR
		VEHICLE DETECTOR, INDUCTION LOOP
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		2 DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 14 EXCEPT AS INDICATED ALL LOOP DETECTOR CABLE TO BE SHIELDED
		1 GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
		24 FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F SM12F
		SIGNAL FACE WITH BACKPLATE "P" INDICATES PROGRAMMED HEAD
		RAILROAD CONTROL CABINET
		ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
		ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
		H/C GROUND ROD AT HANDHOLE, DOUBLE HANDHOLE, OR CONTROLLER
		P GROUND ROD AT POST OR MAST ARM POLE
		S GROUND ROD AT ELECTRIC SERVICE INSTALLATION
		UNINTERRUPTIBLE POWER SUPPLY
		STREET LIGHT LUMINAIRE

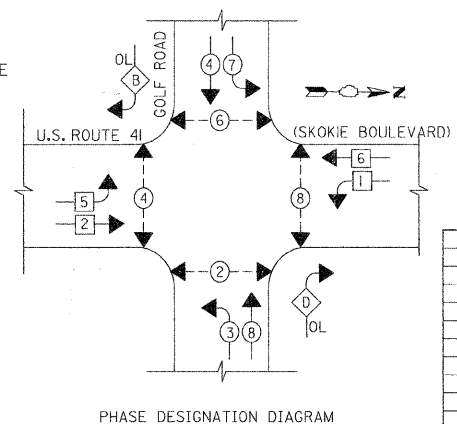
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND

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

PROPOSED CONTROLLER SEQUENCE



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

PROPOSED EMERGENCY VEHICLE PREEMPTORS

EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT			

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

TYPE	NO. LAMPS	WATTAGE			TOTAL WATTAGE
		INCAND.	LED	OPERATION	
SIGNAL (RED)	18	---	17	0.50	153
(YELLOW)	18	---	25	0.25	113
(GREEN)	18	---	15	0.25	68
ARROW	16	---	12	0.10	19
PED SIGNAL	8	---	25	1.0	200
CONTROLLER	1	---	100	1.0	100
ILLUM. SIGN					

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2'
E - M. ARM POLE	10 (3.0)	SIGNAL POST	2 (0.6)	BRACKET MOUNTED	13 (4.0)
24" (600mm)		CONTROLLER CAB.	1 (0.3)	PED. PUSHBUTTON	4 (1.2)
30" (750mm)		FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
36" (900mm)		ELECTRIC SERVICE	1 (0.3)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.3)	POST MOUNTED	6 (1.8)

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**CABLE PLAN
 PHASE DESIGNATION DIAGRAM
 AND SCHEDULE OF QUANTITIES**
 U.S. ROUTE 41 (SKOKIE BOULEVARD) AND GOLF ROAD

SCALE NOT TO SCALE
 DATE 11-14-08

DRAWN BY SAG
 DESIGNED BY SRS
 CHECKED BY KMM

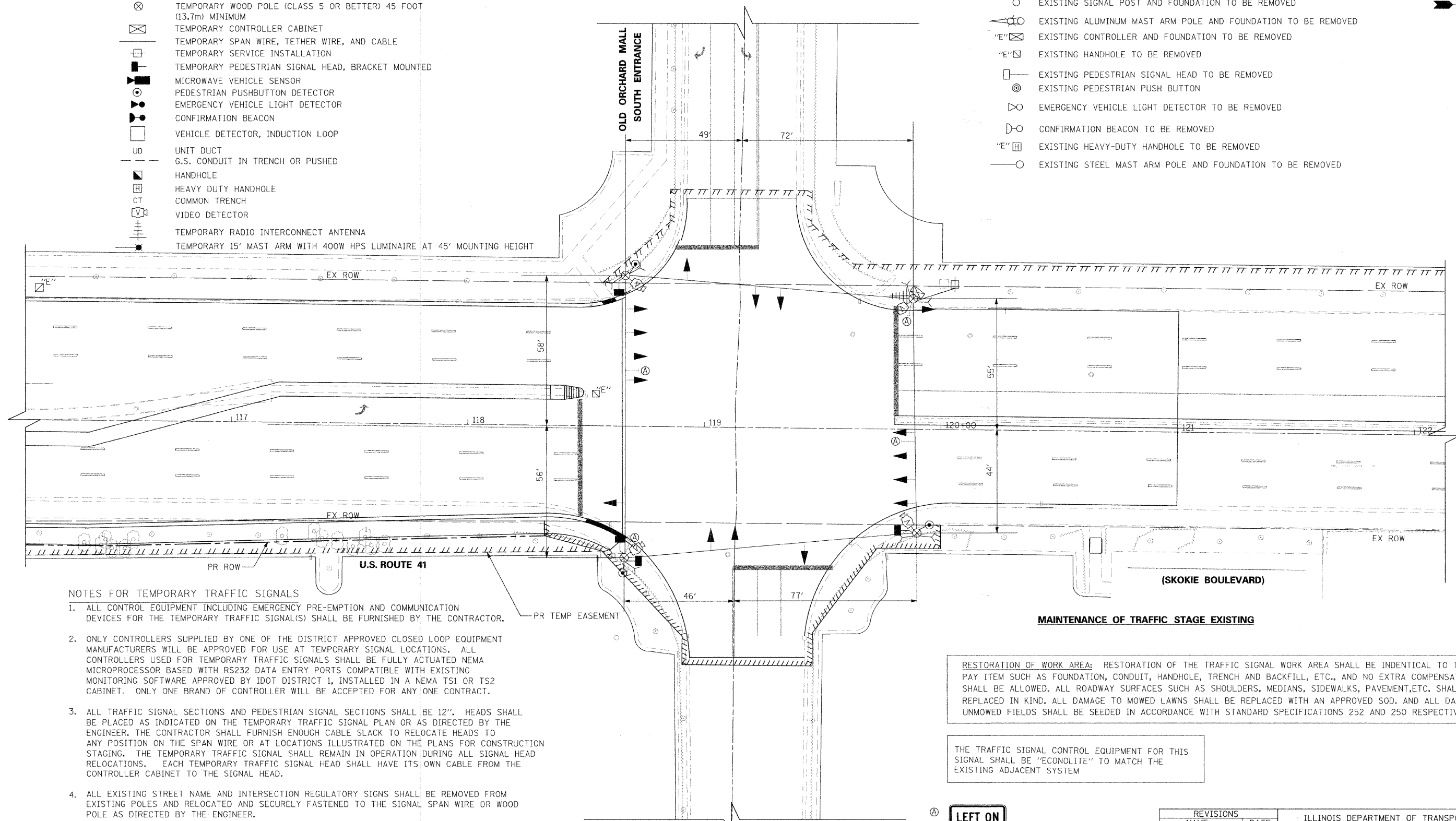
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	75
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

TEMPORARY TRAFFIC SIGNAL LEGEND

- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION.
- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION.
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ☒ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ☐ TEMPORARY SERVICE INSTALLATION
- ☐ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ☐ MICROWAVE VEHICLE SENSOR
- ☐ PEDESTRIAN PUSHBUTTON DETECTOR
- ☐ EMERGENCY VEHICLE LIGHT DETECTOR
- ☐ CONFIRMATION BEACON
- ☐ VEHICLE DETECTOR, INDUCTION LOOP
- UD UNIT DUCT
- G.S. CONDUIT IN TRENCH OR PUSHED
- ☐ HANDHOLE
- ☐ HEAVY DUTY HANDHOLE
- CT COMMON TRENCH
- ☐ VIDEO DETECTOR
- ☐ TEMPORARY RADIO INTERCONNECT ANTENNA
- ☐ TEMPORARY 15' MAST ARM WITH 400W HPS LUMINAIRE AT 45' MOUNTING HEIGHT

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ◀ EXISTING SIGNAL HEAD TO BE REMOVED
- "E" ■ EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ☐ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- "E" ☒ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- "E" ☐ EXISTING HANDHOLE TO BE REMOVED
- ☐ EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- ☐ EXISTING PEDESTRIAN PUSH BUTTON
- ☐ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ☐ CONFIRMATION BEACON TO BE REMOVED
- "E" ☐ EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED



NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES AND RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS. SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL. AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. THE VIDEO DETECTION CAMERAS SHALL BE RE-AIMED AS NECESSARY FOR ALL CONSTRUCTION STAGES.

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

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

LEFT ON GREEN ARROW ONLY

R10-5
24" X 30" (600MM X 750MM)
(TYPICAL) SIGN PANEL TYPE 1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
 U.S. ROUTE 41 (SKOKIE BOULEVARD) AND OLD ORCHARD MALL SOUTH ENTRANCE

DATE: 11-14-08

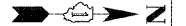
SHEET 1 OF 2
 DRAWN BY SAG
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 CHECKED BY KMM

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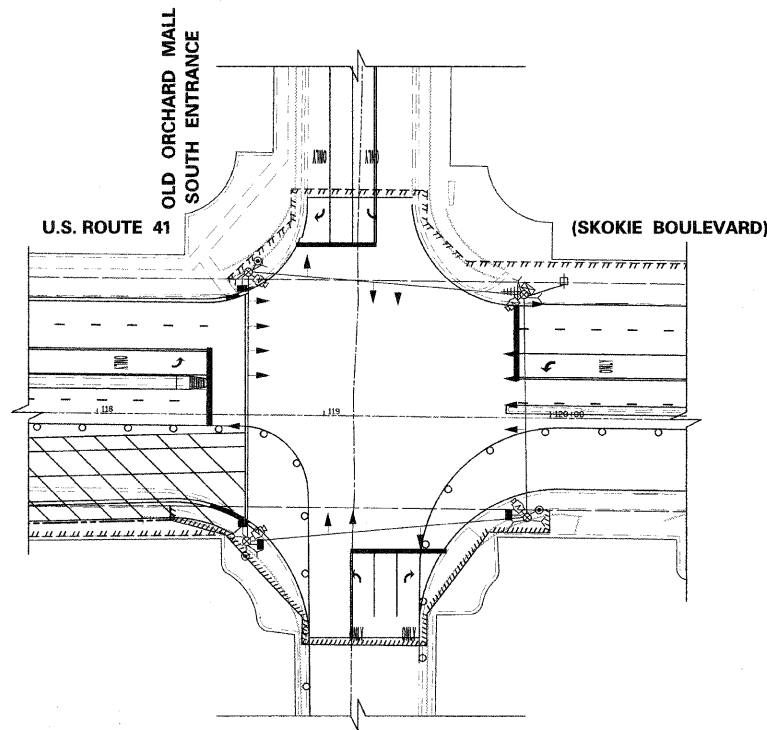
1051 PERIMETER DRIVE, SUITE 1025
 SHAUMBURG, ILLINOIS 60173
 (847) 905-9600



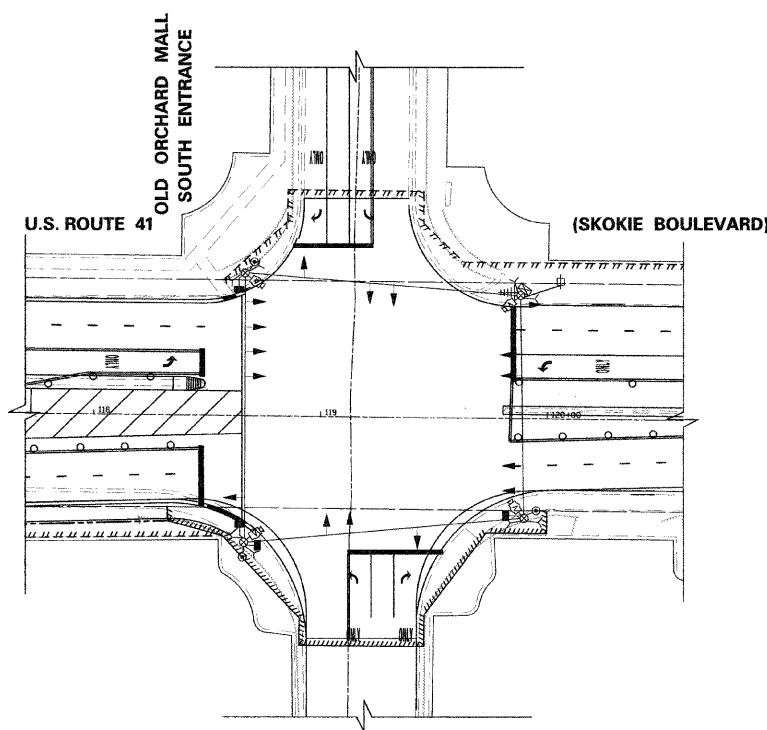
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	76
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



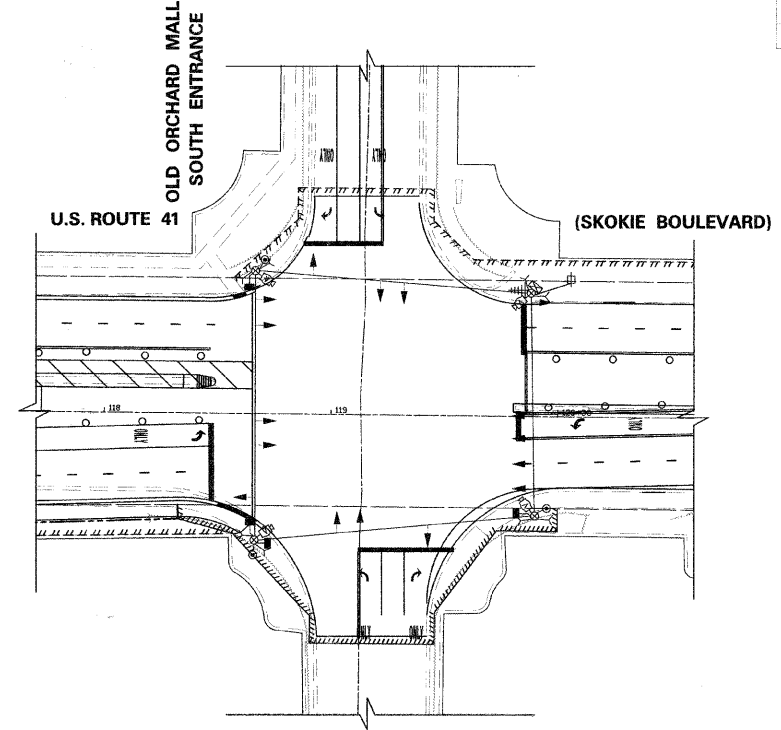
MAINTENANCE OF TRAFFIC STAGE 1 TO 1E



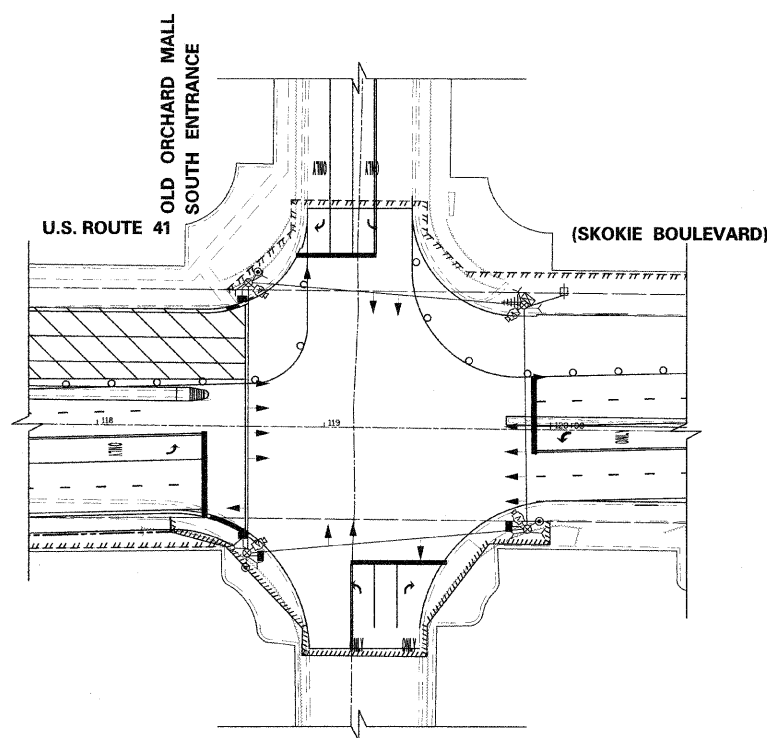
MAINTENANCE OF TRAFFIC STAGE 2



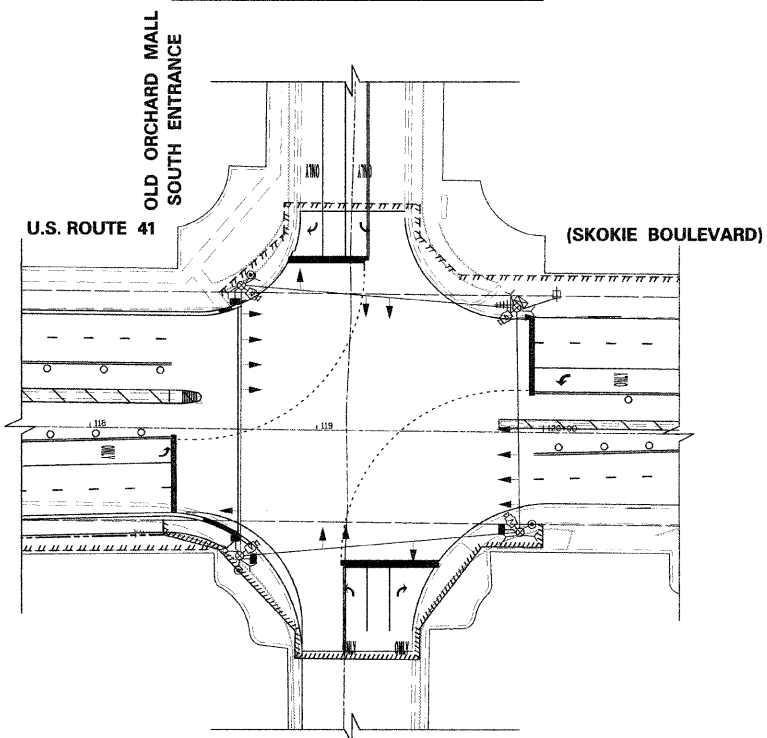
MAINTENANCE OF TRAFFIC STAGE 2A TO 2G



MAINTENANCE OF TRAFFIC STAGE 3 TO 3D



MAINTENANCE OF TRAFFIC STAGE 4



TEMPORARY TRAFFIC SIGNAL LEGEND

- ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION.
- ⬆ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION.
- ⊙ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ☒ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊕ TEMPORARY SERVICE INSTALLATION
- TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊞ MICROWAVE VEHICLE SENSOR
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊞ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- UNIT DUCT
- C.S. CONDUIT IN TRENCH OR PUSHED
- ⊞ HANDHOLE
- ⊞ HEAVY DUTY HANDHOLE
- COMMON TRENCH
- ⊞ VIDEO DETECTOR
- ⊞ TEMPORARY RADIO INTERCONNECT ANTENNA
- ⊞ TEMPORARY 15' MAST ARM WITH 400W HPS LUMINAIRE AT 45' MOUNTING HEIGHT

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ▲ EXISTING SIGNAL HEAD TO BE REMOVED
- ⊕ EXISTING SERVICE INSTALLATION TO BE REMOVED
- ⊙ EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ☒ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING HANDHOLE TO BE REMOVED
- ⊞ EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- ⊙ EXISTING PEDESTRIAN PUSH BUTTON
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ⊞ CONFIRMATION BEACON TO BE REMOVED
- ⊞ EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- ⊞ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNAL INSTALLATION
 AND
 REMOVE EXISTING TRAFFIC
 SIGNAL EQUIPMENT
 U.S. ROUTE 41 (SKOKIE BOULEVARD) AND OLD
 ORCHARD MALL SOUTH ENTRANCE

40' 0 40'
 HORIZ. 1"=40'
 DATE: 11-14-08

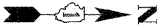
SHEET 2 OF 2
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 DESIGNED BY SRS
 CHECKED BY KMM

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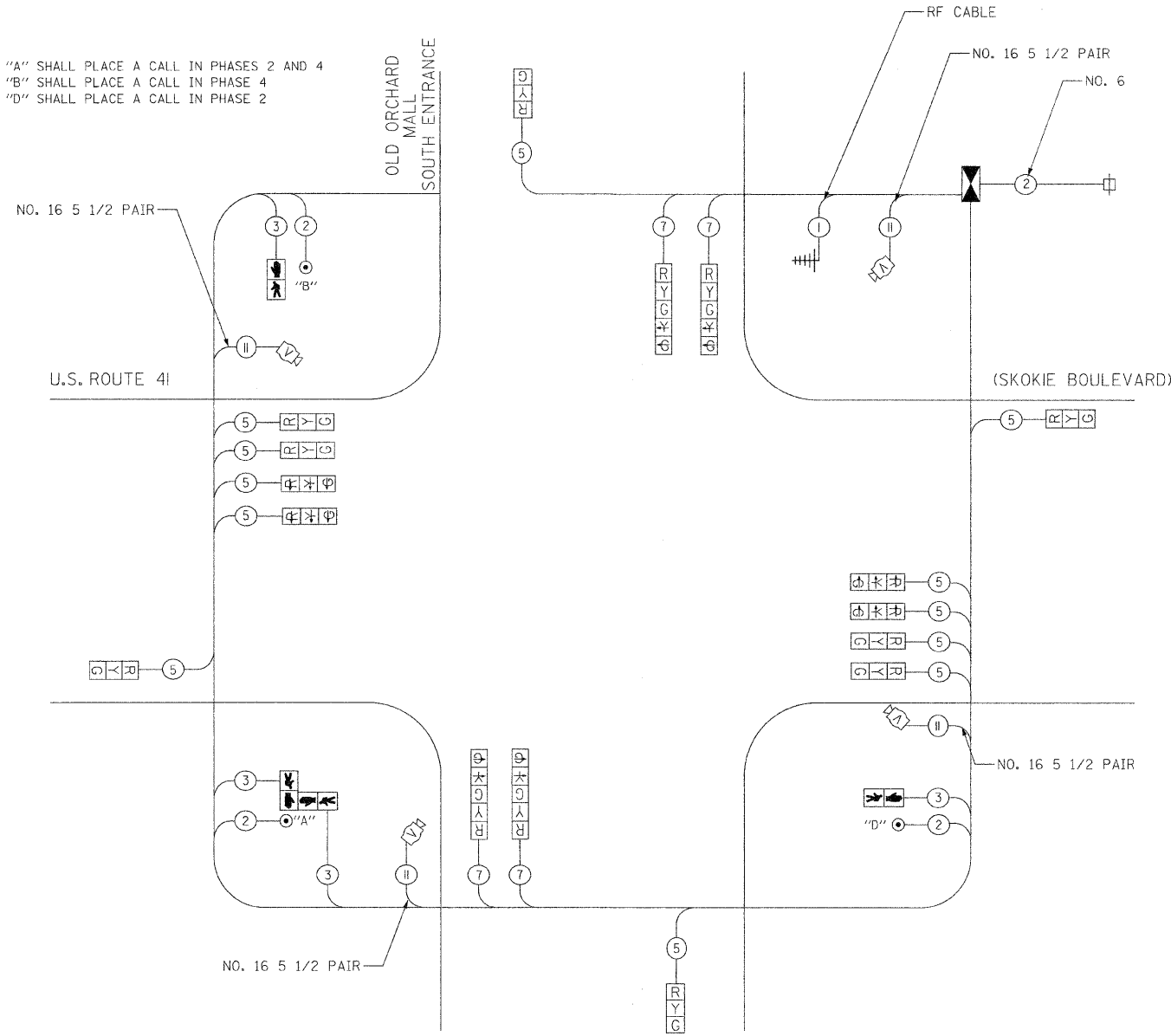
1051 PERIMETER DRIVE, SUITE 1025
 SHAUMBURG, ILLINOIS 60173
 (947) 905-9600



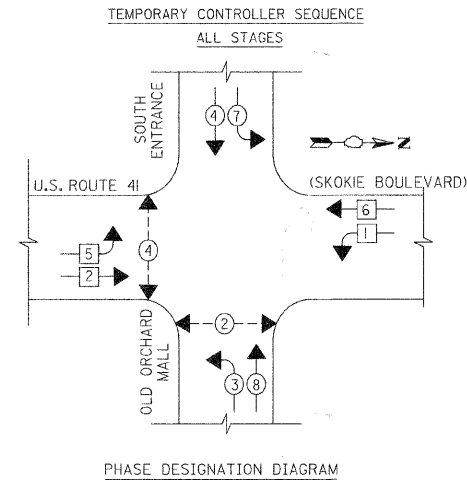
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	77
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



NOTES:
 PUSH BUTTON "A" SHALL PLACE A CALL IN PHASE 2 AND 4
 PUSH BUTTON "B" SHALL PLACE A CALL IN PHASE 4
 PUSH BUTTON "D" SHALL PLACE A CALL IN PHASE 2



CABLE PLAN



- LEGEND
- ◀ ⊗ ▶ DUAL ENTRY PHASE
 - ◀ ⊗ SINGLE ENTRY PHASE
 - ◀ ⊗ ▶ PEDESTRIAN PHASE
 - ◀ ⊗ OL OVERLAP
 - * NUMBER REFERS TO ASSOCIATED PHASE

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

TEMPORARY CABLE DIAGRAM LEGEND

- ⊠ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- ⊠ TEMPORARY CONTROLLER CABINET
- ⊠ TEMPORARY SERVICE INSTALLATION
- ⑤ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED
- ▶ EMERGENCY VEHICLE LIGHT DETECTOR
- ▶ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PUSHBUTTON DETECTOR
- ⊠ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- ▶ MICROWAVE VEHICLE SENSOR
- ⊠ TEMPORARY RADIO INTERCONNECT ANTENNA
- ⊠ VIDEO DETECTOR
- TEMPORARY 15' MAST ARM WITH 400W HPS LUMINAIRE AT 45' MOUNTING HEIGHT

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	16	---	17	0.50	136
(YELLOW)	16	---	25	0.25	100
(GREEN)	16	---	15	0.25	60
ARROW	8	---	12	0.10	10
PED SIGNAL	4	---	25	1.0	100
CONTROLLER	1	---	100	1.0	100
ILLUM. SIGN					
FLASHER					
ENERGY COSTS TO:					TOTAL = 506
VILLAGE OF SKOKIE					
9050 GROSS POINT ROAD					
SKOKIE, IL. 60077					
ENERGY SUPPLY CONTACT: MR. LARRY SHANK					
PHONE: (847) 816-5465					
COMPANY: COMED					

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY CABLE PLAN AND
 TEMPORARY PHASE DESIGNATION DIAGRAM
 U.S. ROUTE 41 (SKOKIE BOULEVARD)
 AND OLD ORCHARD MALL
 SOUTH ENTRANCE

SCALE NOT TO SCALE
 DATE 11-14-08

DRAWN BY SAG
 DESIGNED BY SRS
 CHECKED BY KMM

PLOT DATE = 11/13/2008
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

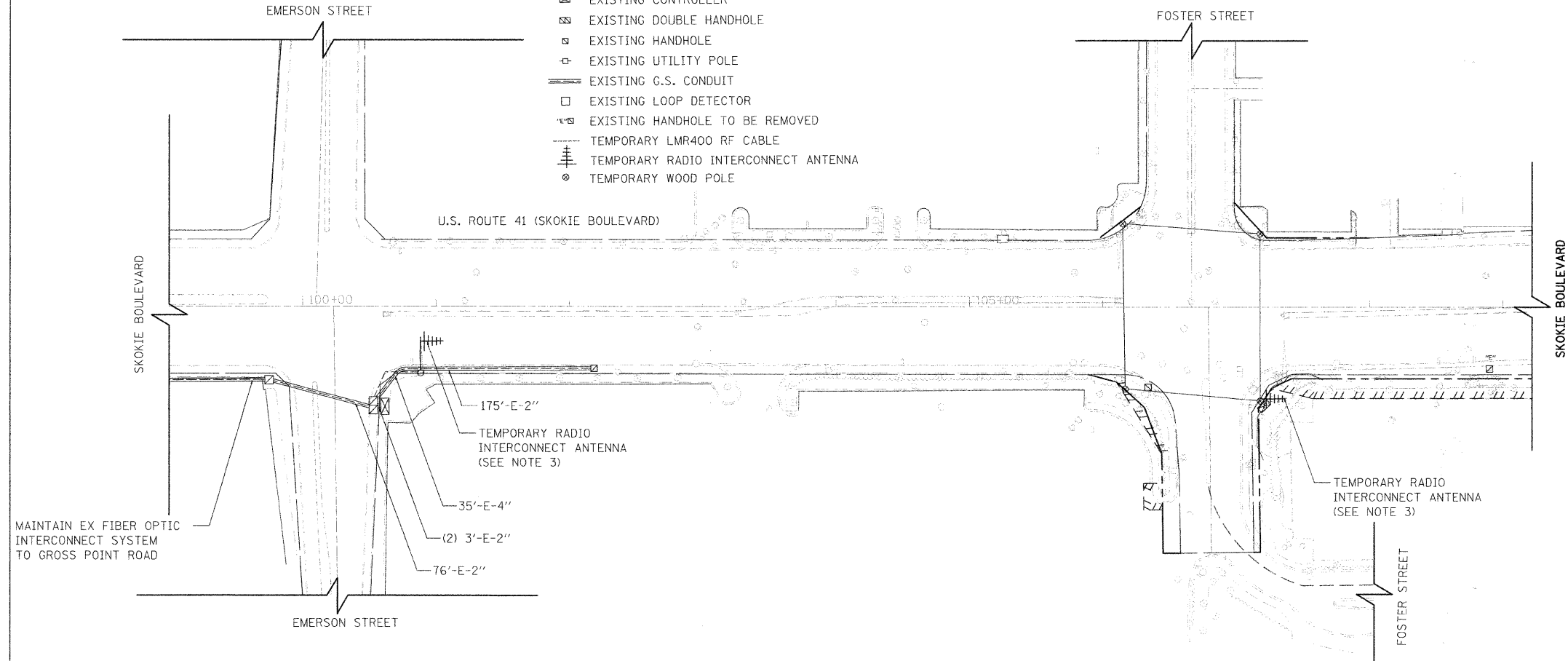
1051 PERIMETER DRIVE, SUITE 1025
 SHAMBOURG, ILLINOIS 60173
 (847) 605-9600



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	78
STA. 99+00		TO STA. 121+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

LEGEND:

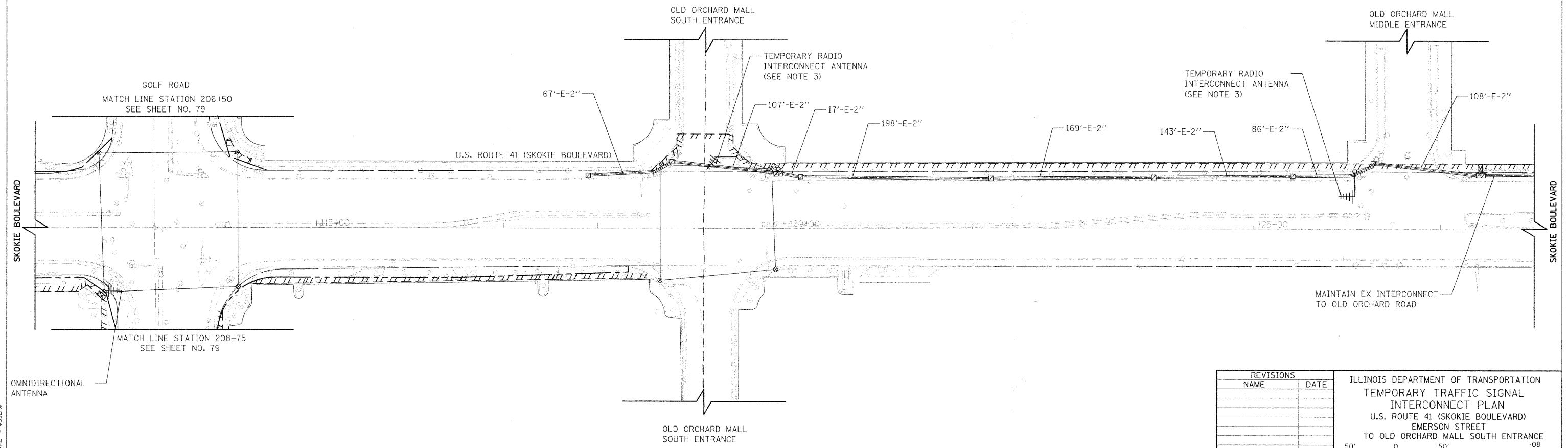
- ☒ EXISTING CONTROLLER
- ☒ EXISTING DOUBLE HANDHOLE
- ☐ EXISTING HANDHOLE
- ⊕ EXISTING UTILITY POLE
- EXISTING G.S. CONDUIT
- EXISTING LOOP DETECTOR
- ⊖ EXISTING HANDHOLE TO BE REMOVED
- TEMPORARY LMR400 RF CABLE
- ⊕ TEMPORARY RADIO INTERCONNECT ANTENNA
- ⊙ TEMPORARY WOOD POLE



NOTES:

1. ALL WORK SPECIFIED IN THE TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN SHALL BE COMPLETED ACCORDING TO IDOT STANDARD SPECIFICATIONS ADOPTED JANUARY 1, 2007, AND DISTRICT ONE TRAFFIC SIGNAL SPECIFICATIONS REVISED JANUARY 1, 2007.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EXISTING TRAFFIC SIGNAL INSTALLATION AT THE SKOKIE BOULEVARD INTERSECTIONS WITH EMERSON STREET AND OLD ORCHARD MALL MIDDLE ENTRANCE AND THE INTERCONNECT SYSTEM BETWEEN THE TWO INTERSECTIONS.
3. THE TEMPORARY TRAFFIC SIGNAL INTERCONNECT SYSTEM BETWEEN THE INTERSECTION OF EMERSON STREET AND OLD ORCHARD MALL MIDDLE ENTRANCE SHALL BE WIRELESS INTERCONNECT ACCORDING TO THE TEMPORARY TRAFFIC SIGNAL SPECIFICATION OF THE DISTRICT ONE TRAFFIC SIGNAL SPECIFICATIONS. THE ANTENNA SHALL BE PLACED ON THE EXISTING MAST ARM ASSEMBLY AND POLE AS INDICATED AT THE INTERSECTIONS OF EMERSON STREET AND OLD ORCHARD MALL MIDDLE ENTRANCE AND CONNECTED TO THE EXISTING CONTROLLER. AT THE INTERSECTION OF FOSTER STREET, GOLF ROAD AND OLD ORCHARD MALL SOUTH ENTRANCE, THE ANTENNA SHALL BE PLACED ON THE WOOD POLE CLOSEST TO THE TEMPORARY CONTROLLER AND SHALL BE CONNECTED TO TEMPORARY CONTROLLER. THE TEMPORARY RF CABLE SHALL BE INSTALLED BETWEEN THE ANTENNA AND THE CONTROLLER CABINET.
4. ALL NECESSARY CABLES, ANTENNA, AND OTHER COMPONENTS REQUIRED FOR FULLY FUNCTIONAL TEMPORARY RADIO INTERCONNECT SYSTEM SHALL BE INCLUDED AND PAID FOR AS THE ITEM TEMPORARY TRAFFIC SIGNAL INTERCONNECT.
5. THE ANTENNAE AND ALL CABLES SHALL BE REMOVED UPON COMPLETION OF THE PROPOSED FIBER OPTIC INTERCONNECT SYSTEM. ANY HOLES IN THE MAST ARMS SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN THE PAY ITEM OF TEMPORARY TRAFFIC SIGNAL INTERCONNECT.

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



PLOT DATE = 11/19/2008
 FILE NAME = 63049-78
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = USER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNAL
 INTERCONNECT PLAN
 U.S. ROUTE 41 (SKOKIE BOULEVARD)
 EMERSON STREET
 TO OLD ORCHARD MALL SOUTH ENTRANCE

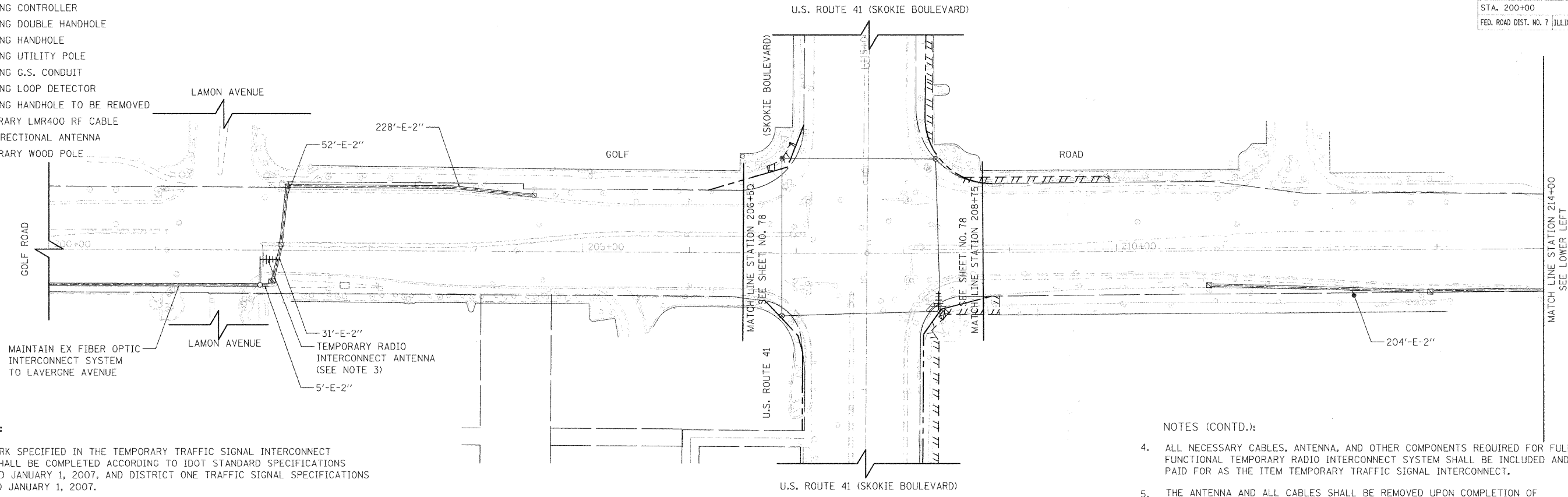
50' 0 50' -08
 HORIZ. 1"=50'
 DATE: 11-14-08

DRAWN BY SAG
 DESIGNED BY SRS
 CHECKED BY KMM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350 00-00242-00-CH		COOK	129	79
STA. 200+00		TO STA. 227+00		
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT

LEGEND:

- ☒ EXISTING CONTROLLER
- ☒ EXISTING DOUBLE HANDHOLE
- ☐ EXISTING HANDHOLE
- EXISTING UTILITY POLE
- EXISTING G.S. CONDUIT
- EXISTING LOOP DETECTOR
- ⊖ EXISTING HANDHOLE TO BE REMOVED
- TEMPORARY LMR400 RF CABLE
- ⊕ OMNIDIRECTIONAL ANTENNA
- ⊙ TEMPORARY WOOD POLE

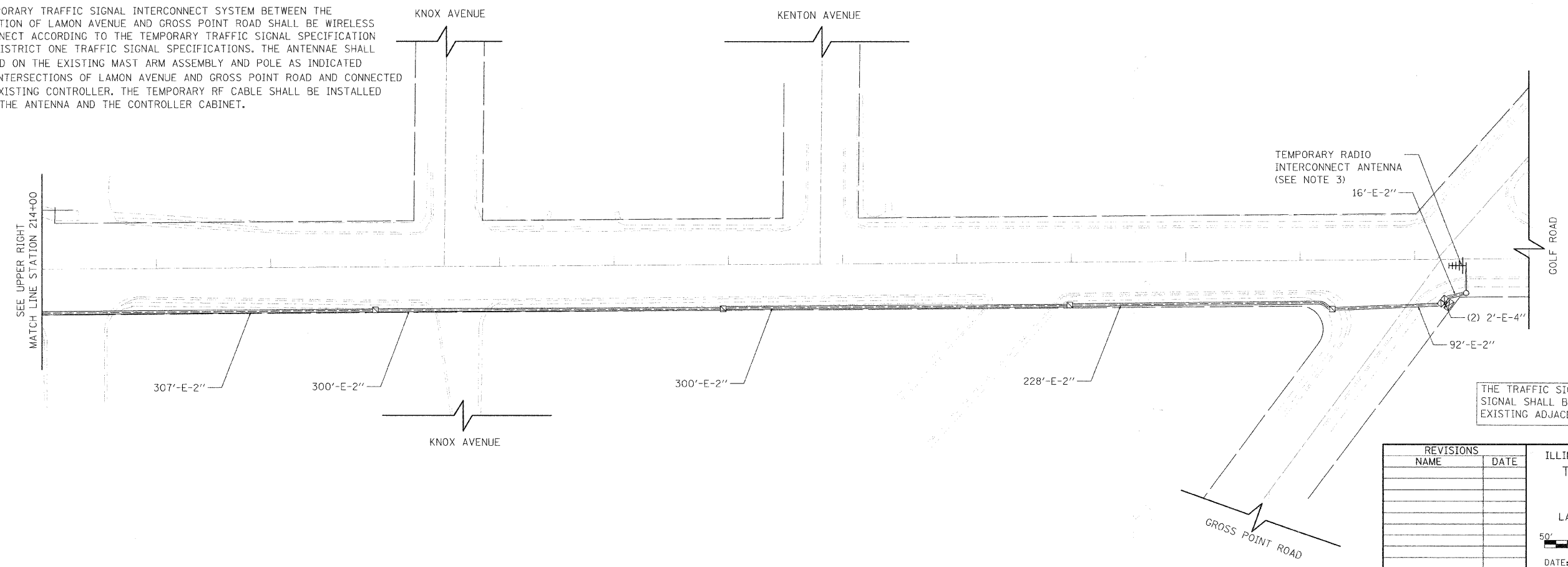


NOTES:

1. ALL WORK SPECIFIED IN THE TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN SHALL BE COMPLETED ACCORDING TO IDOT STANDARD SPECIFICATIONS ADOPTED JANUARY 1, 2007, AND DISTRICT ONE TRAFFIC SIGNAL SPECIFICATIONS REVISED JANUARY 1, 2007.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EXISTING TRAFFIC SIGNAL INSTALLATION AT THE GOLF ROAD INTERSECTIONS WITH LAMON AVENUE AND GROSS POINT ROAD AND THE INTERCONNECT SYSTEM BETWEEN THE TWO INTERSECTIONS.
3. THE TEMPORARY TRAFFIC SIGNAL INTERCONNECT SYSTEM BETWEEN THE INTERSECTION OF LAMON AVENUE AND GROSS POINT ROAD SHALL BE WIRELESS INTERCONNECT ACCORDING TO THE TEMPORARY TRAFFIC SIGNAL SPECIFICATION OF THE DISTRICT ONE TRAFFIC SIGNAL SPECIFICATIONS. THE ANTENNAE SHALL BE PLACED ON THE EXISTING MAST ARM ASSEMBLY AND POLE AS INDICATED AT THE INTERSECTIONS OF LAMON AVENUE AND GROSS POINT ROAD AND CONNECTED TO THE EXISTING CONTROLLER. THE TEMPORARY RF CABLE SHALL BE INSTALLED BETWEEN THE ANTENNA AND THE CONTROLLER CABINET.

NOTES (CONTD.):

4. ALL NECESSARY CABLES, ANTENNA, AND OTHER COMPONENTS REQUIRED FOR FULLY FUNCTIONAL TEMPORARY RADIO INTERCONNECT SYSTEM SHALL BE INCLUDED AND PAID FOR AS THE ITEM TEMPORARY TRAFFIC SIGNAL INTERCONNECT.
5. THE ANTENNA AND ALL CABLES SHALL BE REMOVED UPON COMPLETION OF THE PROPOSED FIBER OPTIC INTERCONNECT SYSTEM. ANY HOLES IN THE MAST ARMS SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN THE PAY ITEM OF TEMPORARY TRAFFIC SIGNAL INTERCONNECT.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNAL
 INTERCONNECT PLAN
 GOLF ROAD
 LAMON AVENUE TO GROSS POINT ROAD

50' 0 50'
 HORIZ. 1"=50'
 DATE: 11-14-08

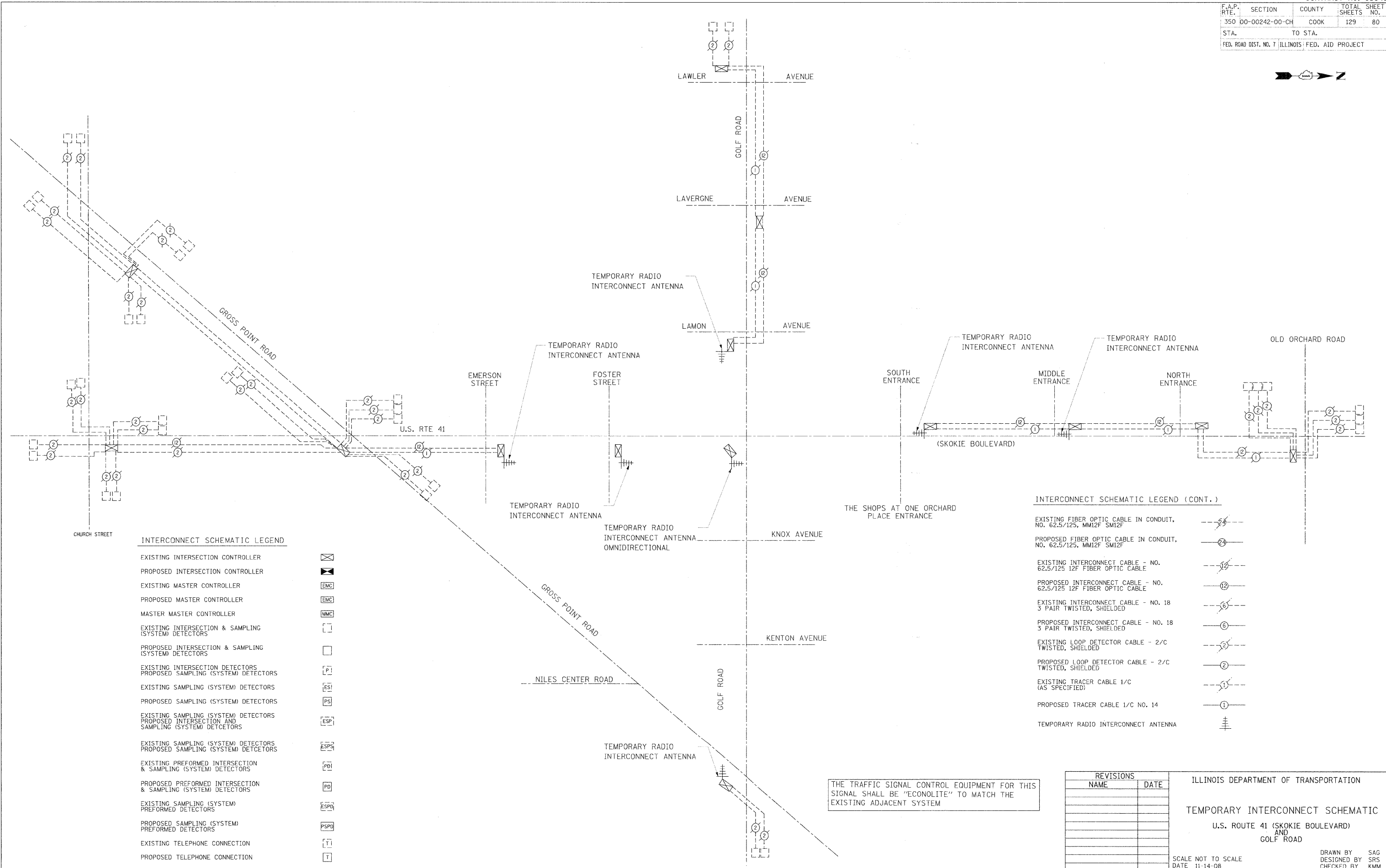
DRAWN BY SAC
 DESIGNED BY SRS
 CHECKED BY KMM

PLOT DATE = 11/19/2008
 FILE NAME = 63049-79
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = USER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350 00-00242-00-CH		COOK	129	80
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



PLOT DATE = 11/13/2008
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



INTERCONNECT SCHEMATIC LEGEND

- EXISTING INTERSECTION CONTROLLER
- PROPOSED INTERSECTION CONTROLLER
- EXISTING MASTER CONTROLLER
- PROPOSED MASTER CONTROLLER
- MASTER MASTER CONTROLLER
- EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- EXISTING INTERSECTION DETECTORS
- PROPOSED SAMPLING (SYSTEM) DETECTORS
- EXISTING SAMPLING (SYSTEM) DETECTORS
- PROPOSED SAMPLING (SYSTEM) DETECTORS
- EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS
- EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED SAMPLING (SYSTEM) DETECTORS
- EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS
- PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS
- EXISTING TELEPHONE CONNECTION
- PROPOSED TELEPHONE CONNECTION

INTERCONNECT SCHEMATIC LEGEND (CONT.)

- EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F
- PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F
- EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
- PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
- EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
- PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
- EXISTING LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED
- PROPOSED LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED
- EXISTING TRACER CABLE 1/C (AS SPECIFIED)
- PROPOSED TRACER CABLE 1/C NO. 14
- TEMPORARY RADIO INTERCONNECT ANTENNA

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY INTERCONNECT SCHEMATIC
 U.S. ROUTE 41 (SKOKIE BOULEVARD)
 AND
 GOLF ROAD
 SCALE NOT TO SCALE
 DATE 11-14-08
 DRAWN BY SAG
 DESIGNED BY SRS
 CHECKED BY KMM

1051 PERIMETER DRIVE, SUITE 1025
 SHAMBOURG, ILLINOIS 60173
 (847) 605-9600



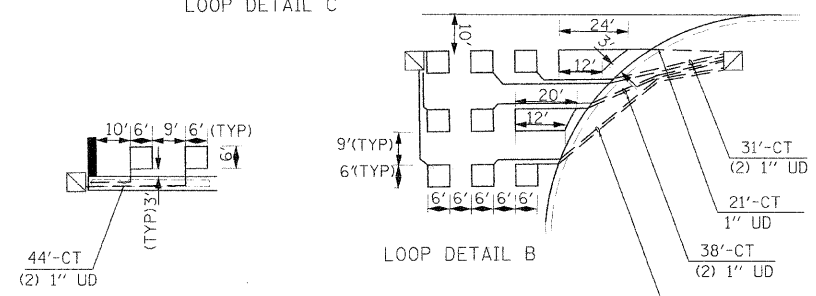
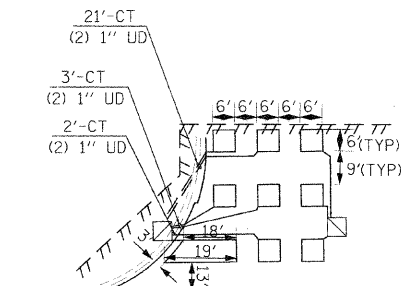
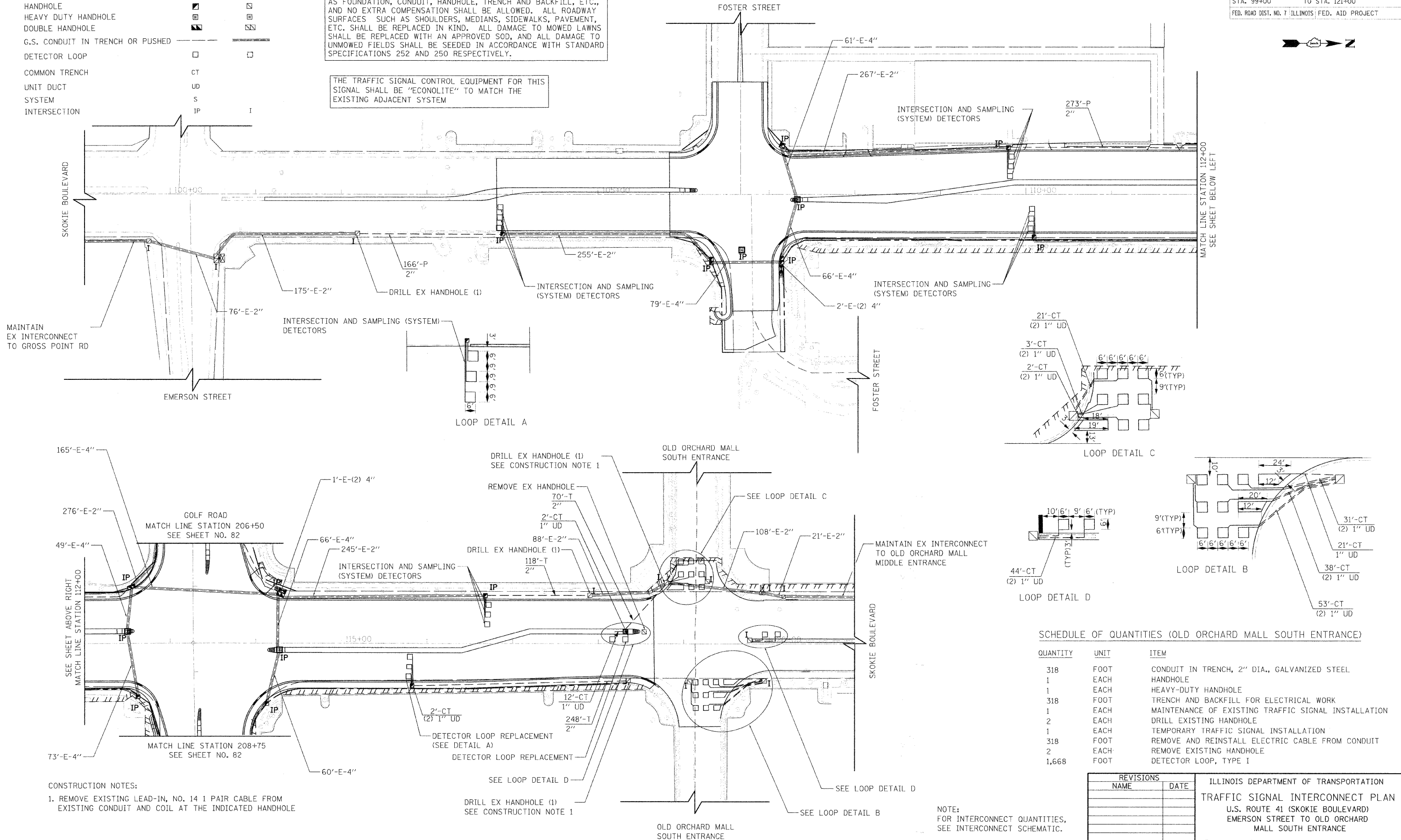
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	81
STA. 99+00		TO STA. 121+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

INTERCONNECT PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
COMMON TRENCH	CT	
UNIT DUCT	UD	
SYSTEM	S	
INTERSECTION	IP	I

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

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



SCHEDULE OF QUANTITIES (OLD ORCHARD MALL SOUTH ENTRANCE)

QUANTITY	UNIT	ITEM
318	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
1	EACH	HANDHOLE
1	EACH	HEAVY-DUTY HANDHOLE
318	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2	EACH	DRILL EXISTING HANDHOLE
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
318	FOOT	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
2	EACH	REMOVE EXISTING HANDHOLE
1,668	FOOT	DETECTOR LOOP, TYPE I

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INTERCONNECT PLAN
 U.S. ROUTE 41 (SKOKIE BOULEVARD)
 EMERSON STREET TO OLD ORCHARD
 MALL SOUTH ENTRANCE

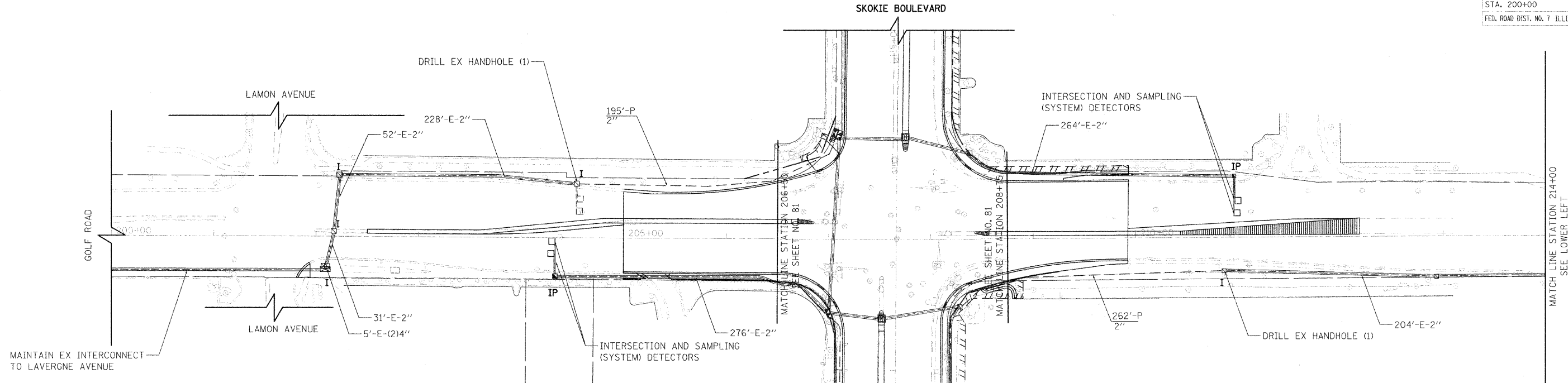
DRAWN BY SAG
 DESIGNED BY SRS
 CHECKED BY KMM

PLOT DATE = 11/19/2008
 FILE NAME = TRFLE1
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = JUSERS

CONSTRUCTION NOTES:
 1. REMOVE EXISTING LEAD-IN, NO. 14 1 PAIR CABLE FROM EXISTING CONDUIT AND COIL AT THE INDICATED HANDHOLE

NOTE:
 FOR INTERCONNECT QUANTITIES,
 SEE INTERCONNECT SCHEMATIC.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	82
STA. 200+00 TO STA. 227+00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



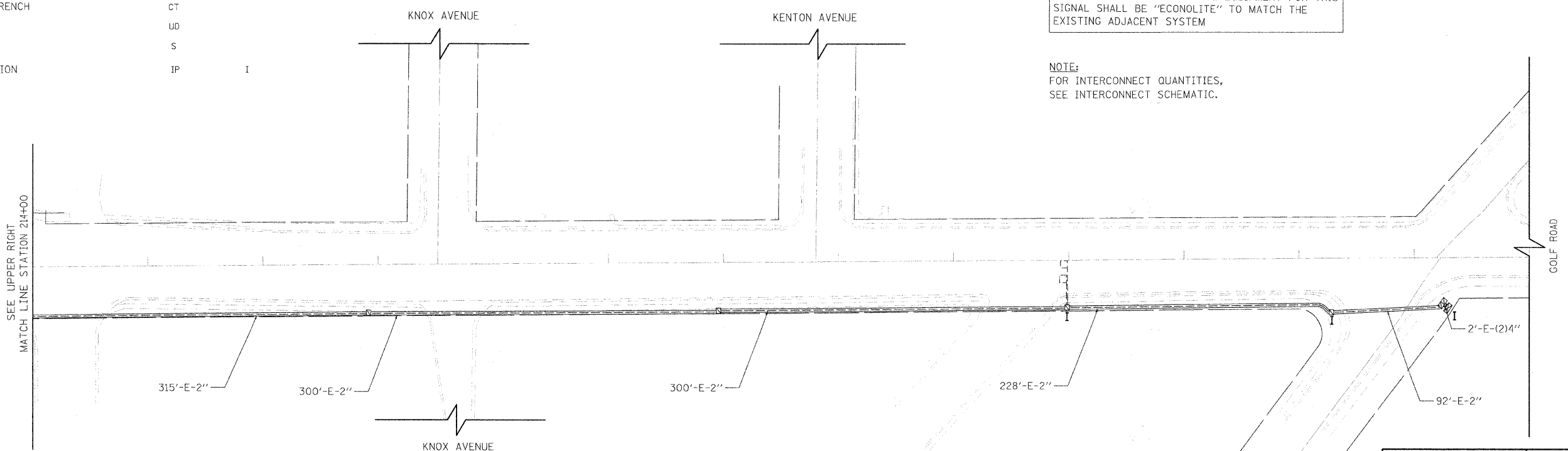
INTERCONNECT PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
COMMON TRENCH	CT	
UNIT DUCT	UD	
SYSTEM	S	
INTERSECTION	IP	I

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

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

NOTE:
FOR INTERCONNECT QUANTITIES,
SEE INTERCONNECT SCHEMATIC.



REVISIONS	
NAME	DATE

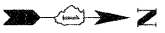
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INTERCONNECT PLAN
 GOLF ROAD
 LAMON AVENUE AND GROSS POINT ROAD

50' 0 50'
 HORIZ. 1"=50'
 DATE: 11-14-08

DRAWN BY SAG
 DESIGNED BY SRS
 CHECKED BY KMM

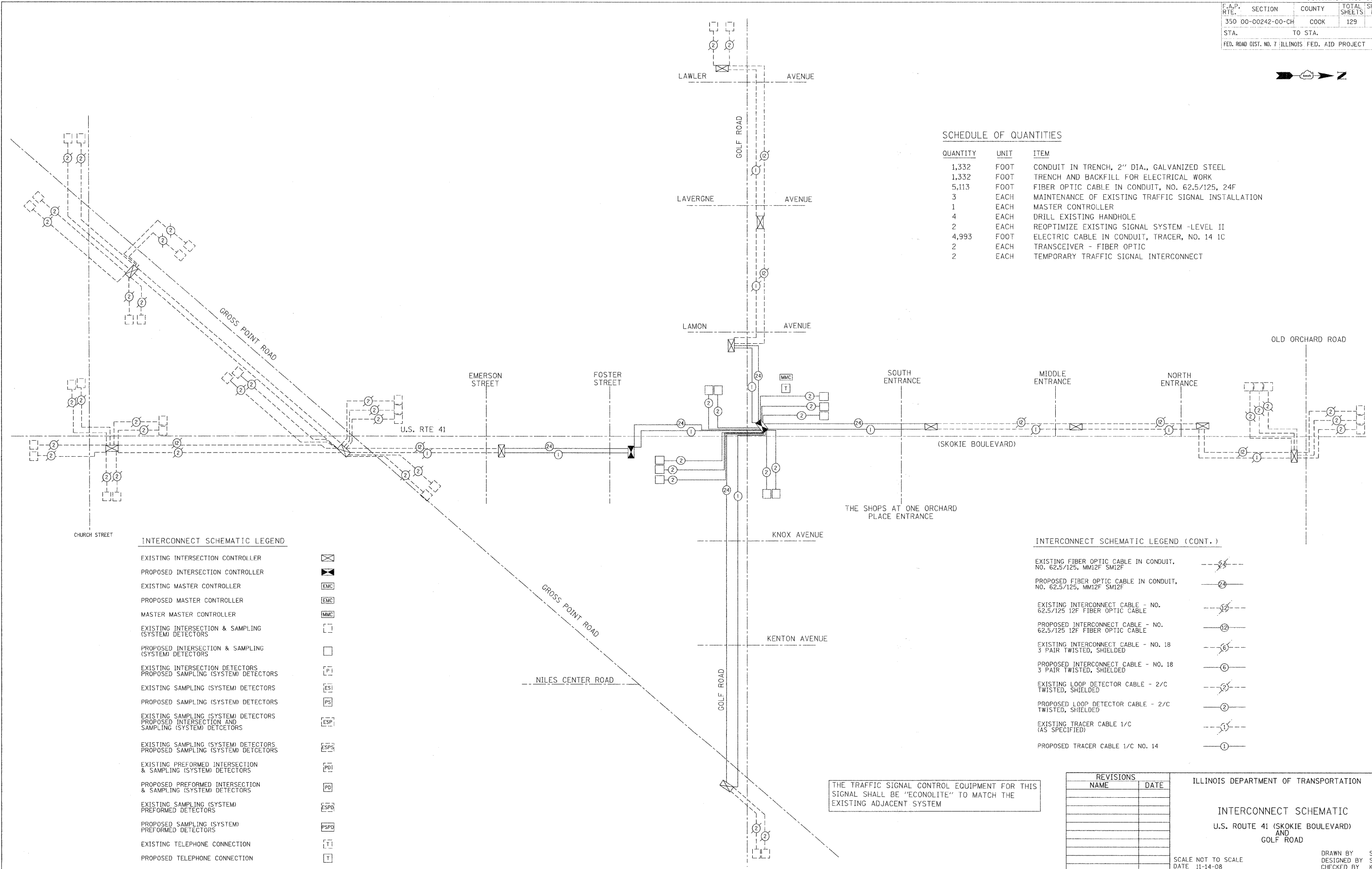
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 USER NAME = #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350 00-00242-00-CH		COOK	129	83
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1,332	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
1,332	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
5,113	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 24F
3	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	MASTER CONTROLLER
4	EACH	DRILL EXISTING HANDHOLE
2	EACH	REOPTIMIZE EXISTING SIGNAL SYSTEM -LEVEL II
4,993	FOOT	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C
2	EACH	TRANSCEIVER - FIBER OPTIC
2	EACH	TEMPORARY TRAFFIC SIGNAL INTERCONNECT



INTERCONNECT SCHEMATIC LEGEND

EXISTING INTERSECTION CONTROLLER	
PROPOSED INTERSECTION CONTROLLER	
EXISTING MASTER CONTROLLER	
PROPOSED MASTER CONTROLLER	
MASTER MASTER CONTROLLER	
EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS	
PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	
EXISTING INTERSECTION DETECTORS	
PROPOSED SAMPLING (SYSTEM) DETECTORS	
EXISTING SAMPLING (SYSTEM) DETECTORS	
PROPOSED SAMPLING (SYSTEM) DETECTORS	
EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS	
EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED SAMPLING (SYSTEM) DETECTORS	
EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	
PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	
EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS	
PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS	
EXISTING TELEPHONE CONNECTION	
PROPOSED TELEPHONE CONNECTION	

INTERCONNECT SCHEMATIC LEGEND (CONT.)

EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	
PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	
EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	
PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	
EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	
PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	
EXISTING LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED	
PROPOSED LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED	
EXISTING TRACER CABLE 1/C (AS SPECIFIED)	
PROPOSED TRACER CABLE 1/C NO. 14	

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERCONNECT SCHEMATIC
U.S. ROUTE 41 (SKOKIE BOULEVARD)
AND
GOLF ROAD

SCALE NOT TO SCALE
DATE 11-14-08

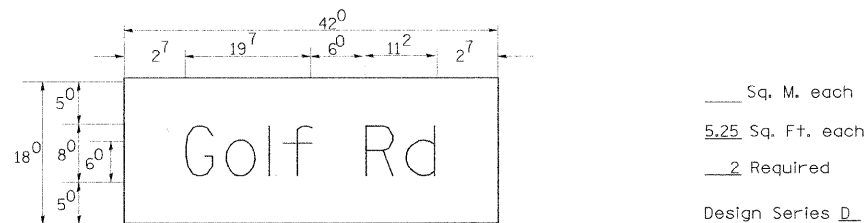
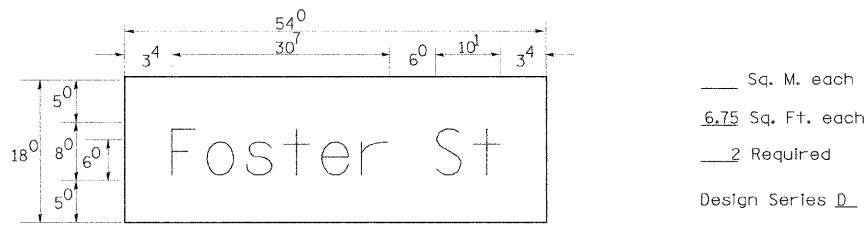
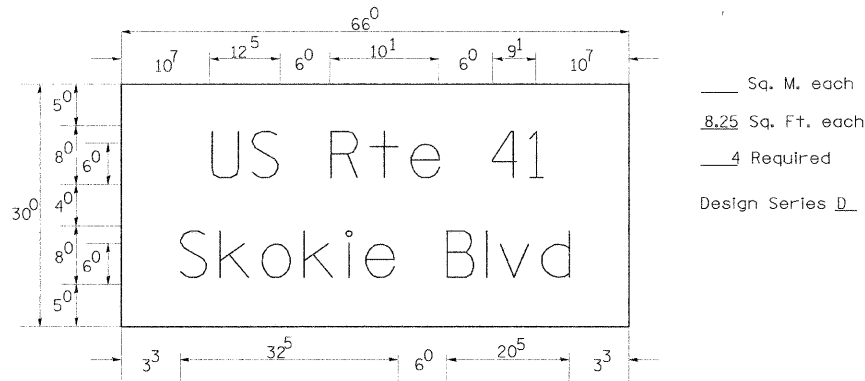
DRAWN BY SAG
DESIGNED BY SRS
CHECKED BY KMM

PLOT DATE = 11/13/2008
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

1051 PERIMETER DRIVE, SUITE 1025
SHAUMBURG, ILLINOIS 60173
(847) 635-9600



PANEL SIGN DESIGN TYPE 1



NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS

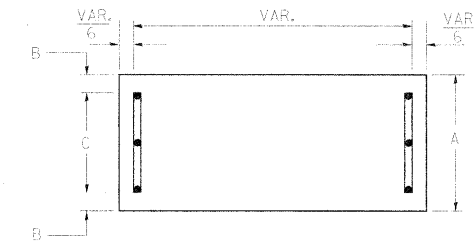
GENERAL NOTES

- 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 834001, 834006 AND 834011, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" X 6'-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 HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
- THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 6'-0".
- ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:
 - * A.K.T. CORPORATION
 - * AMERICAN FABRICATION CO.
 - * SCHAUMBURG, IL
 - * CHICAGO HEIGHTS, IL
 - * TUCKER COMPANY, INC.
 - * WESTERN TRAFFIC CONTROL INC.
 - * WAUWATOSA, WI
 - * CICERO, IL

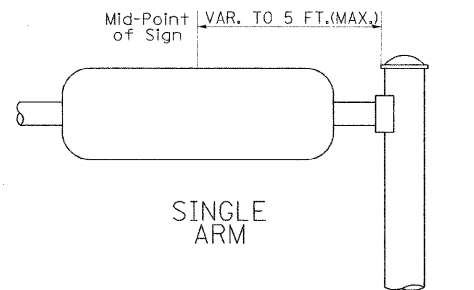
PARTS LISTING:	
SIGN CHANNEL	PART #HPN053 (MED. CHANNEL)
SIGN SCREWS	1/4" X 14 X 1" H.W.H. #3
BRACKETS	SELF TAPPING WITH NEOPRENE WASHER
	PART #HPN034 (UNIVERSAL)
	CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

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

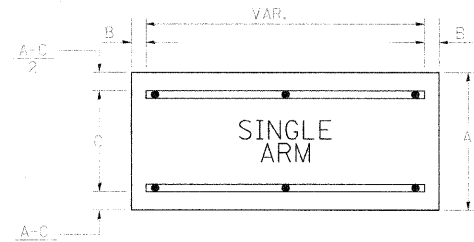
SUPPORTING CHANNELS



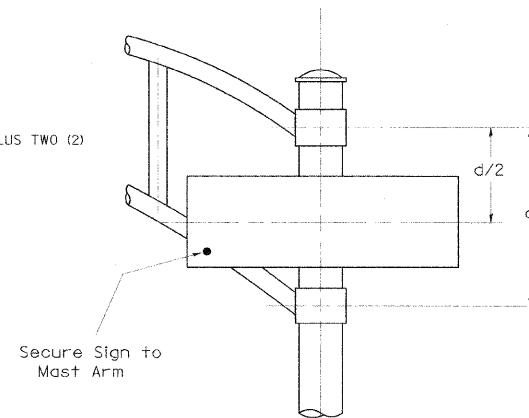
A	B	C
18"	2"	14"



SUPPORTING CHANNELS



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



SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM Shall be used. See Note #5.

Upper Case To Lower Case
 Spacing Chart 8-6 Inch Series "C & D"

EXAMPLE, 2 DENOTES 3/8

SERIES	SECOND LETTER																	
	acde		bhikl		fw		j		st		vy		x		z			
	goq		mnpru															
A W X	12	14	14	15	12	14	06	10	11	14	06	10	11	12	12	14		
B	14	15	20	21	14	15	11	12	14	15	12	14	12	14	16	17		
C E G	14	15	20	21	12	14	06	10	12	14	12	14	14	15	14	15		
D O Q R	14	15	20	21	14	15	06	10	12	14	12	14	14	15	14	15		
F	05	06	14	15	06	10	05	06	06	10	06	10	06	10	11	12		
H I M N	20	21	22	24	20	21	14	15	16	17	16	17	20	21	20	21		
J U	20	21	20	21	16	17	14	15	16	17	16	17	16	17	20	21		
K L	11	12	16	17	11	12	05	06	11	12	11	12	11	12	12	14		
P	12	14	14	15	12	14	05	06	11	12	11	12	12	14	12	14		
S	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14		
T	11	12	16	17	06	10	06	10	11	12	11	12	11	12	12	14		
V	06	10	14	15	11	12	06	10	12	14	12	14	12	14	12	14		
Y	05	06	14	15	06	10	05	06	05	07	05	06	06	10	11	12		
Z	16	17	22	24	16	17	12	14	16	17	16	17	16	17	20	21		

Lower Case To Lower Case
 Spacing Chart 6 Inch Series "C & D"

SERIES	SECOND LETTER																	
	acde		bhikl		fw		j		st		vy		x		z			
	goq		mnpru															
adhgij lmnqu	16	17	22	24	16	17	12	14	14	15	14	15	16	17	16	17		
bfkops	12	14	16	17	11	12	05	06	11	12	11	12	12	14	12	14		
ce	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14		
r	06	10	12	14	06	10	03	03	05	06	05	06	06	10	06	10		
tz	12	14	16	17	12	14	06	10	11	12	11	12	12	14	12	14		
vy	11	12	14	15	11	12	05	06	06	10	06	10	11	12	11	12		
w	11	12	14	15	11	12	05	06	11	12	11	12	11	12	12	14		
x	12	14	16	17	11	12	05	06	11	12	11	12	11	12	12	14		

Number To Number
 Spacing Chart 8 Inch Series "C & D"

SERIES	SECOND NUMBER																			
	0		1		2		3		4		5		6		7		8		9	
0 9	16	17	16	17	14	15	12	14	14	15	14	15	16	17	12	14	16	17	16	17
1	20	21	20	21	20	21	16	17	14	15	20	21	20	21	14	15	20	21	20	21
2 3 4	14	15	14	15	14	15	12	14	14	15	14	15	11	12	16	17	14	15		
5	14	15	14	15	14	15	11	12	11	12	14	15	14	15	11	12	14	15	14	15
6	16	17	14	15	14	15	12	15	12	14	14	15	14	15	11	12	14	15	14	15
7	12	14	12	14	14	15	12	15	05	06	12	14	14	15	11	12	14	15	12	14
8	16	17	16	17	14	15	12	15	12	14	14	15	16	17	12	14	16	17	14	15

UPPER AND LOWER CASE LETTER WIDTHS

LETTERS	6 INCH UPPER CASE LETTERS		8 INCH UPPER CASE LETTERS		6 INCH LOWER CASE LETTERS	
	C	D	C	D	C	D
A	3 ⁶	5 ⁰	5 ⁰	6 ⁵	a	3 ⁵ 4 ²
B	3 ²	4 ⁰	4 ³	5 ³	b	3 ⁵ 4 ²
C	3 ²	4 ⁰	4 ³	5 ³	c	3 ⁵ 4 ¹
D	3 ²	4 ⁰	4 ³	5 ³	d	3 ⁵ 4 ²
E	3 ⁰	3 ⁵	4 ⁰	4 ⁷	e	3 ⁵ 4 ²
F	3 ⁰	3 ⁵	4 ⁰	4 ⁷	f	2 ³ 2 ⁶
G	3 ²	4 ⁰	4 ³	5 ³	g	3 ⁵ 4 ²
H	3 ²	4 ⁰	4 ³	5 ³	h	3 ⁵ 4 ²
I	0 ⁷	0 ⁷	1 ¹	1 ²	i	1 ¹ 1 ¹
J	3 ⁰	3 ⁶	4 ⁰	5 ⁰	j	2 ⁰ 2 ²
K	3 ²	4 ¹	4 ³	5 ⁴	k	3 ⁵ 4 ²
L	3 ⁰	3 ⁵	4 ⁰	4 ⁷	l	1 ¹ 1 ¹
M	3 ⁷	4 ⁵	5 ¹	6 ¹	m	6 ⁰ 7 ⁰
N	3 ²	4 ⁰	4 ³	5 ³	n	3 ⁵ 4 ²
O	3 ⁴	4 ²	4 ⁵	5 ⁵	o	3 ⁶ 4 ³
P	3 ²	4 ⁰	4 ³	5 ³	p	3 ⁵ 4 ²
Q	3 ⁴	4 ²	4 ⁵	5 ⁵	q	3 ⁵ 4 ²
R	3 ²	4 ⁰	4 ³	5 ³	r	2 ⁶ 3 ²
S	3 ²	4 ⁰	4 ³	5 ³	s	3 ⁶ 4 ²
T	3 ⁰	3 ⁵	4 ⁰	4 ⁷	t	2 ⁷ 3 ²
U	3 ²	4 ⁰	4 ³	5 ³	u	3 ⁵ 4 ²
V	3 ⁵	4 ⁴	4 ⁷	6 ⁰	v	4 ² 4 ⁷
W	4 ⁴	5 ²	6 ⁰	7 ⁰	w	5 ⁵ 6 ⁴
X	3 ⁴	4 ⁰	4 ⁵	5 ³	x	4 ⁴ 5 ¹
Y	3 ⁶	5 ⁰	5 ⁰	6 ⁶	y	4 ⁶ 5 ³
Z	3 ²	4 ⁰	4 ³	5 ³	z	3 ⁶ 4 ³

NUMBER	6 INCH SERIES		8 INCH SERIES	
	C	D	C	D
1	1 ²	1 ⁴	1 ⁵	2 ⁰
2	3 ²	4 ⁰	4 ³	5 ³
3	3 ²	4 ⁰	4 ³	5 ³
4	3 ⁵	4 ³	4 ⁷	5 ⁷
5	3 ²	4 ⁰	4 ³	5 ³
6	3 ²	4 ⁰	4 ³	5 ³
7	3 ²	4 ⁰	4 ³	5 ³
8	3 ²	4 ⁰	4 ³	5 ³
9	3 ²	4 ⁰	4 ³	5 ³
0	3 ⁴	4 ²	4 ⁵	5 ⁵

REVISIONS	
NAME	DATE
D.A.Z./D.A.G.	11/90
	6/98
CADD	10/00

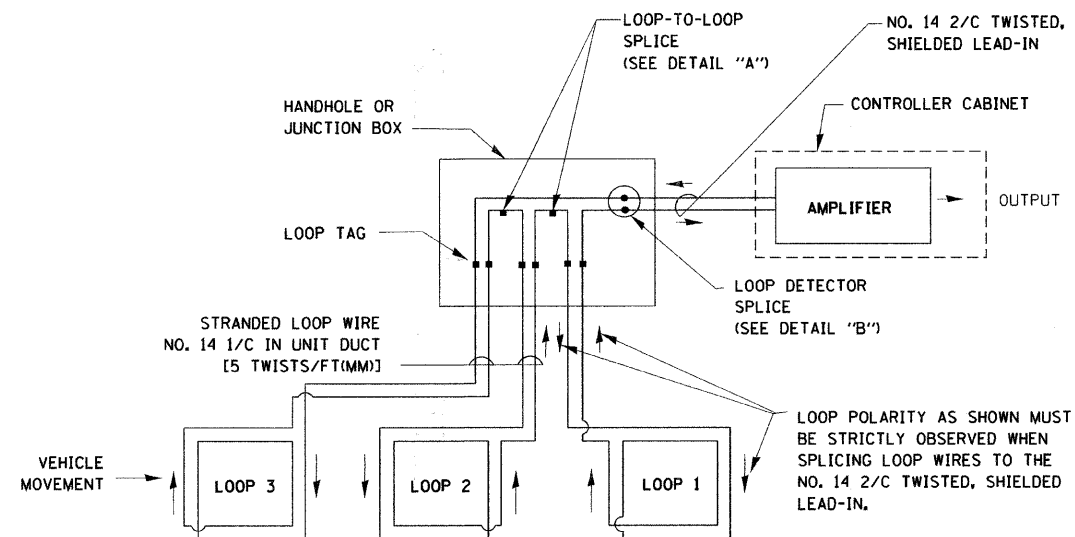
Illinois Department of Transportation
 DISTRICT 1
MAST ARM MOUNTED STREET NAME SIGNS

SCALE: NONE
 DATE: 11-14-08
 DRAWN BY: ROB
 DESIGNED BY: JHE
 CHECKED BY: DAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	85
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LOOP DETECTOR NOTES

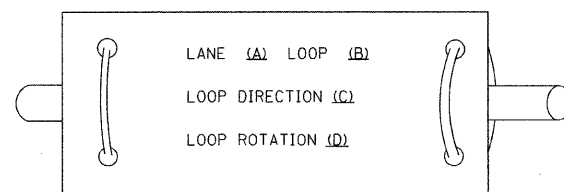
1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE UNIT DUCT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). UNIT DUCT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED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



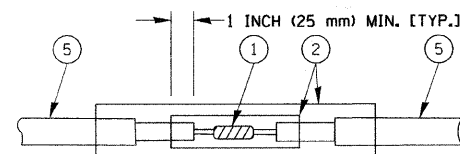
DETECTOR LOOP WIRING SCHEMATIC

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

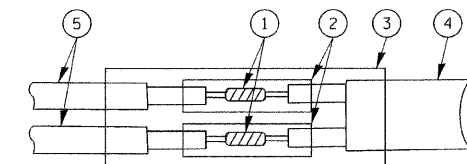
LOOP LEAD-IN CABLE TAG



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



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



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

LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- 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.

REVISIONS	
NAME	DATE
CADD	5/30/00
ADD NOTE NO. 8	11/12/01
BUREAU OF TRAFFIC	1-01-02

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL
DESIGN DETAILS**

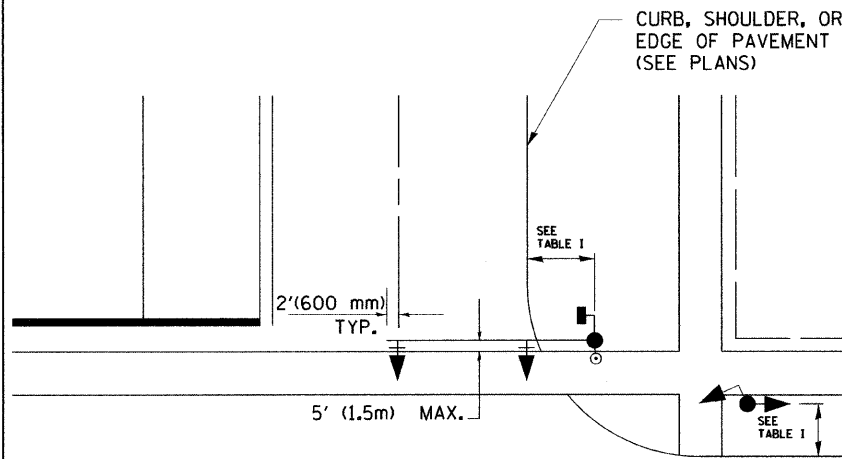
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DESIGNED BY: DAD
CHECKED BY: DAZ
SHEET 1 OF 4

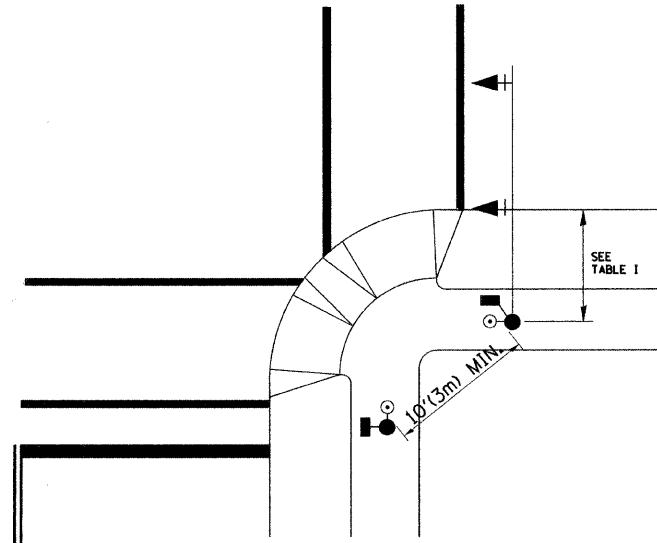
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	86
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL MAST ARM AND POST

MAST ARM MOUNTED SIGNAL IN PROPOSED & FUTURE SIDEWALK AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNAL AND PUSHBUTTON DETECTOR



PEDESTRIAN SIGNAL PUSHBUTTON



RECOMMENDED PUSHBUTTON LOCATIONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE IN ACCORDANCE WITH THE CURRENT MUTCD (SEE NOTE 1). TO MEET MUTCD REQUIREMENTS, PEDESTRIAN SIGNAL PUSHBUTTONS MAY HAVE TO BE MOUNTED ON A SEPARATE POST.

NOTES:

- AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS WITH PEDESTRIAN ACTUATION, EACH PUSHBUTTON SHALL ACTIVATE BOTH THE WALK INTERVAL AND THE ACCESSIBLE PEDESTRIAN SIGNALS.

AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS, PUSHBUTTONS SHOULD CLEARLY INDICATE WHICH CROSSWALK SIGNAL IS ACTUATED BY EACH PUSHBUTTON. PUSHBUTTONS AND TACTILE ARROWS SHOULD HAVE HIGH VISUAL CONTRAST (SEE THE DEPARTMENT OF JUSTICE'S AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN, 1991). TACTILE ARROWS SHOULD POINT IN THE SAME DIRECTION AS THE ASSOCIATED CROSSWALK. AT CORNERS OF SIGNALIZED LOCATIONS WITH ACCESSIBLE PEDESTRIAN SIGNALS WHERE PEDESTRIAN PUSHBUTTONS ARE PROVIDED, THE PUSHBUTTONS SHOULD BE SEPARATED BY THE DISTANCE OF AT LEAST 10 FT (3m). THIS ENABLES PEDESTRIANS WHO HAVE VISUAL DISABILITIES TO DISTINGUISH AND LOCATE THE APPROPRIATE PUSHBUTTON.

PUSHBUTTONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHOULD BE LOCATED AS FOLLOWS:
 A: ADJACENT TO A LEVEL ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR, AND WHERE THERE IS AN ALL-WEATHER SURFACE, WHEELCHAIR ACCESSIBLE ROUTE TO THE RAMP.
 B: WITHIN 5 FT (1.5m) OF THE CROSSWALK EXTENDED.
 C: WITHIN 10 FT (3m) OF THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
 D: PARALLEL TO THE CROSSWALK TO BE USED (SEE MUTCD FIGURE 4E-2).
 E: NORMAL PEDESTRIAN PUSHBUTTON MOUNTING HEIGHT SHOULD BE 3.5 FT (1.05m) ABOVE ADJACENT SIDEWALK
- PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8 FT (2.4m) NOR MORE THAN 10 FT (3.0m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10 FT (3.0m) BUT NOT MORE THAN 15 FT (4.5m) ABOVE THE SIDEWALK OR, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY IF NO SIDEWALKS EXIST.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, MOUNTED OVER A ROADWAY, SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001 AND 877006. (16 FT (5m) MIN., 18 FT (5.5m) MAX., FROM HIGHEST POINT OF PAVEMENT)

PEDESTRIAN SIGNAL POST

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSHBUTTON DETECTOR LOCATION

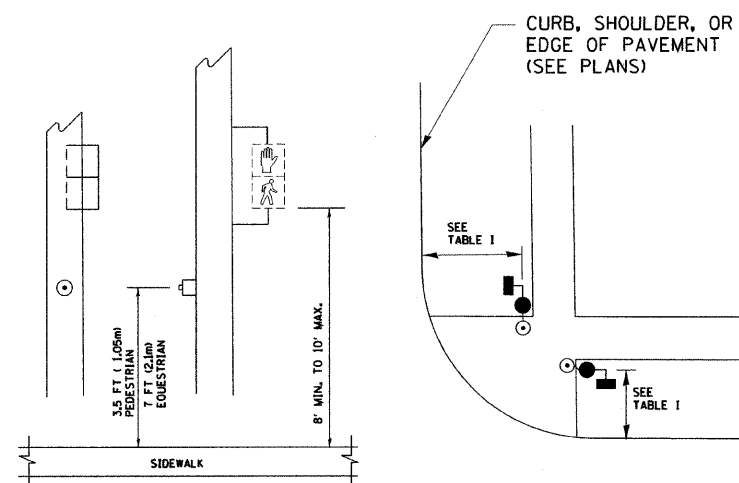


TABLE I

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MIN. DIST. FROM BACK OF CURB)	SHOULDER/NON-CURBED AREA (MIN. DIST. FROM EDGE OF PAVEMENT)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN PUSHBUTTON	SEE NOTE 1	SEE NOTE 1

PLOT DATE = 2/7/2007
 FILE NAME = K:\asisto\tdp\tdp.dgn
 PLOT SCALE = 50,0000 / IN.
 USER NAME = bauer-dl

REVISIONS	
NAME	DATE
BUREAU OF TRAFFIC	1/01/02

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT 1
 STANDARD TRAFFIC SIGNAL
 DESIGN DETAILS

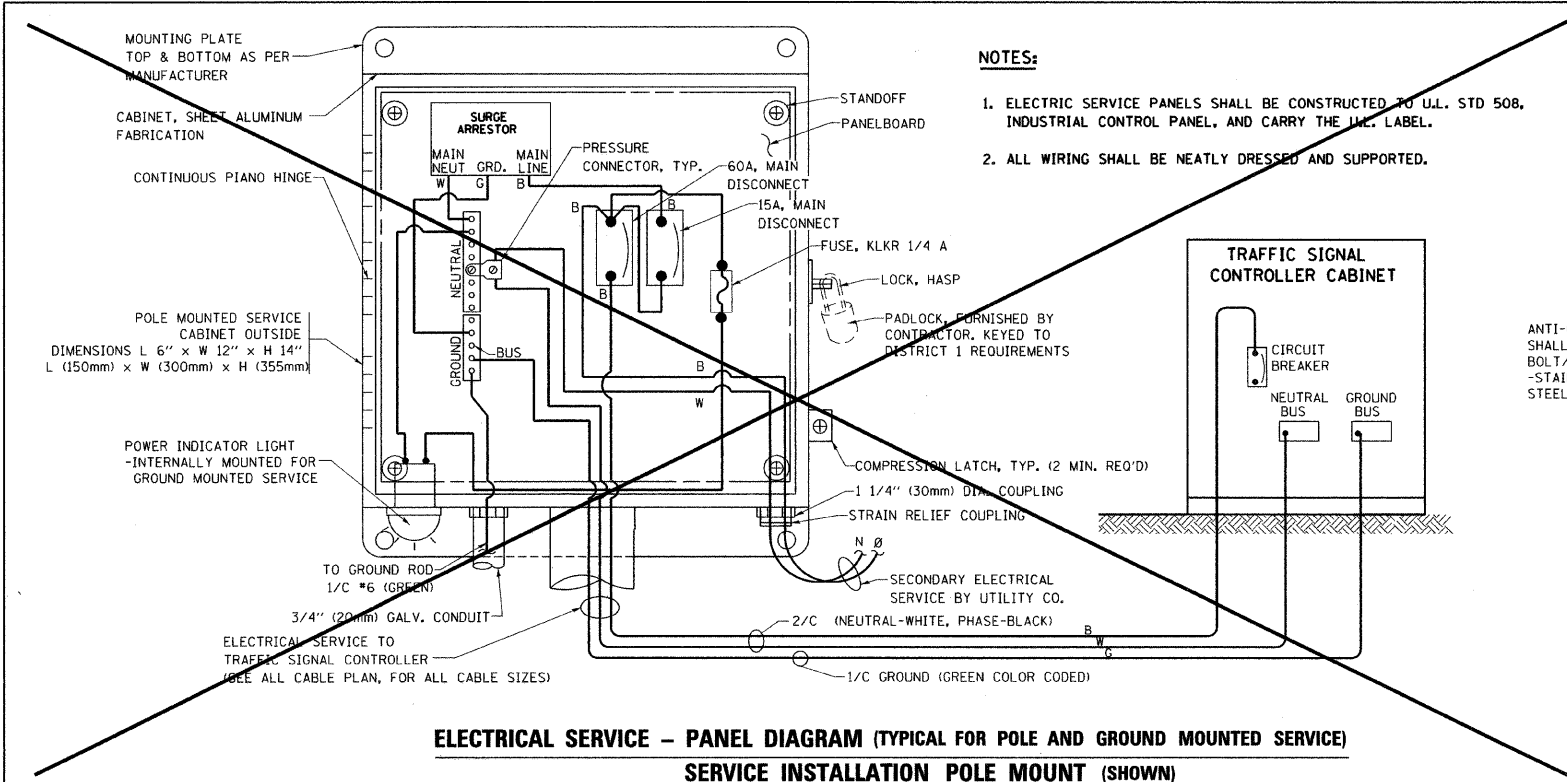
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DRAWN BY: RWP
 DESIGNED BY: DAD
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 SHEET 2 OF 4

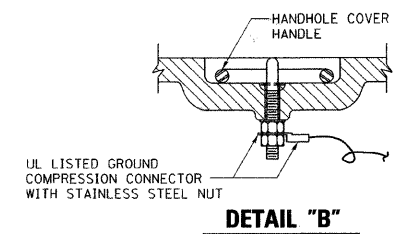
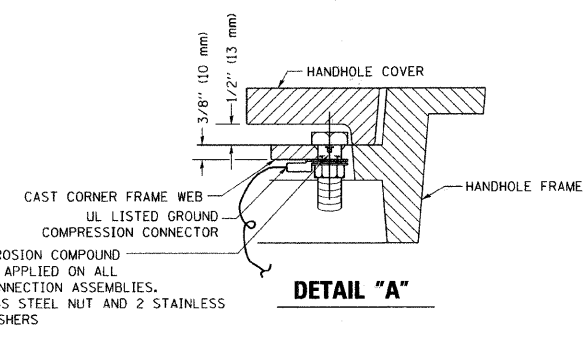
NOTE: FOR PANEL DIAGRAM, REFER TO COMBINATION LIGHTING AND TRAFFIC POLE MOUNTED ELECTRIC SERVICE BOX DETAIL (BE-230)

CONTRACT NO. 63049

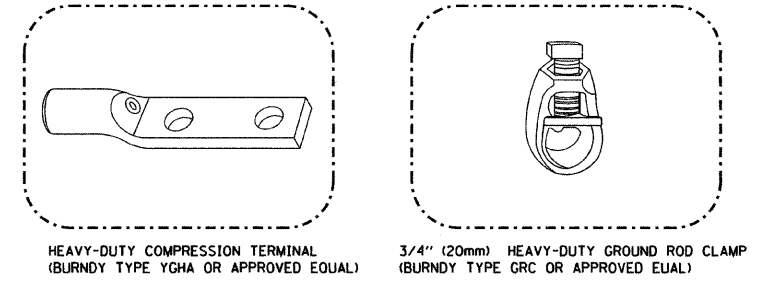
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	87
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

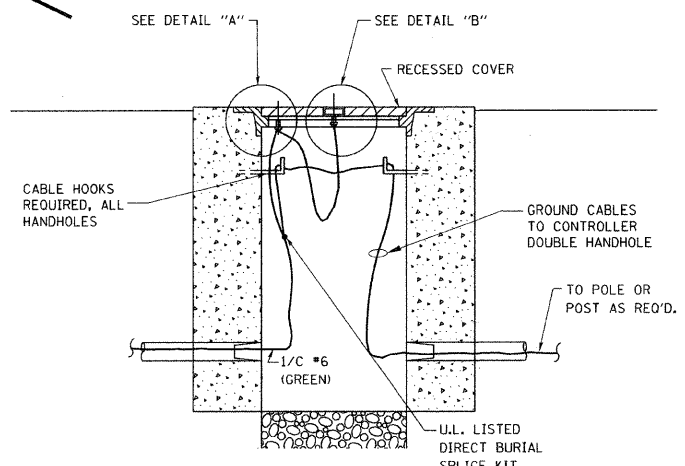


- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED 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.

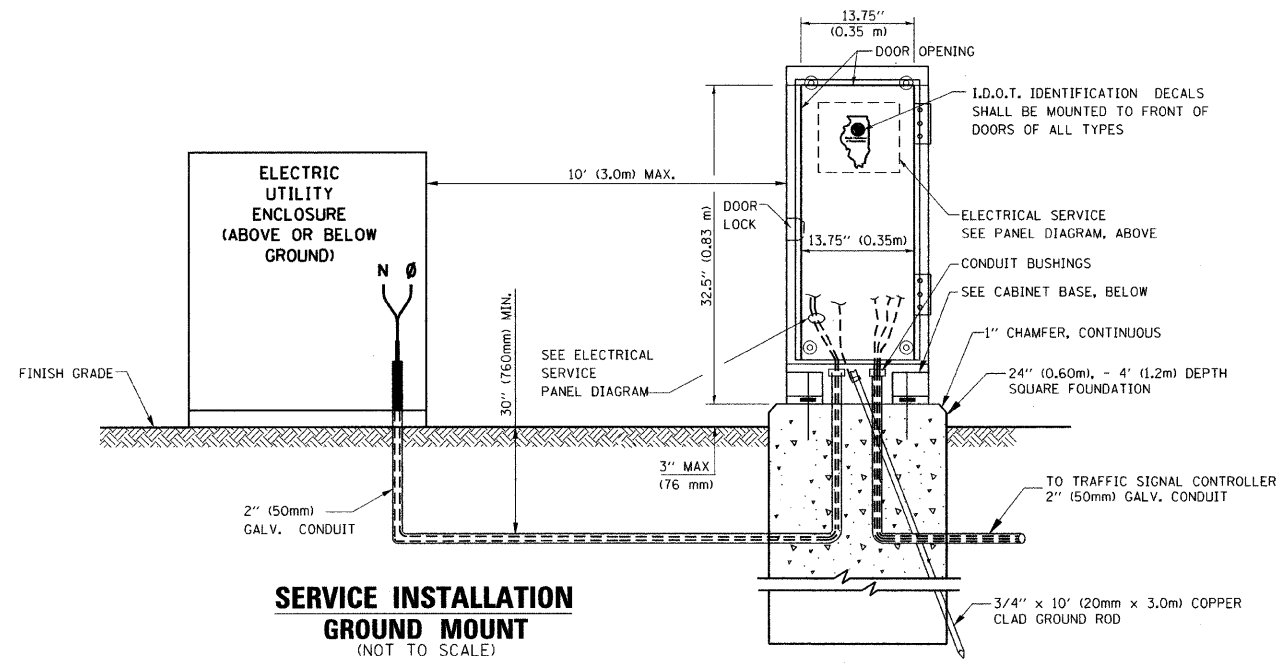


- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPEO OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.

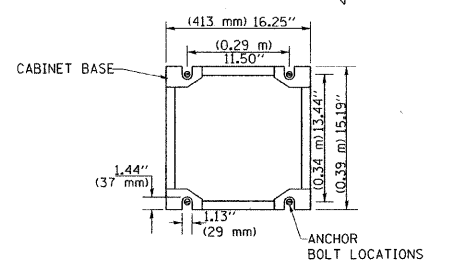
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE) SERVICE INSTALLATION POLE MOUNT (SHOWN) (NOT TO SCALE)



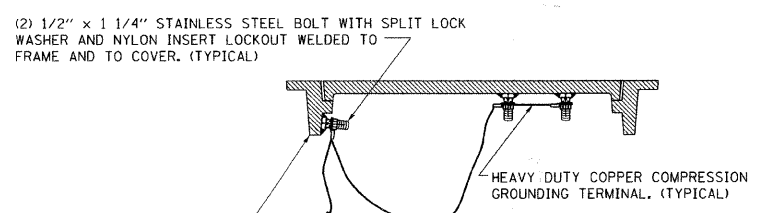
HANDHOLE COVER & FRAME - GROUNDING DETAIL (NOT TO SCALE)



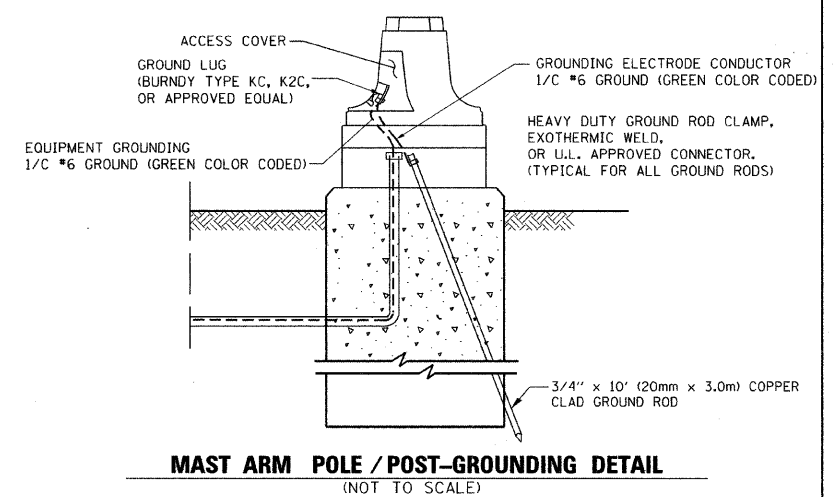
SERVICE INSTALLATION GROUND MOUNT (NOT TO SCALE)



CABINET - BASE BOLT PATTERN (NOT TO SCALE)



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



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

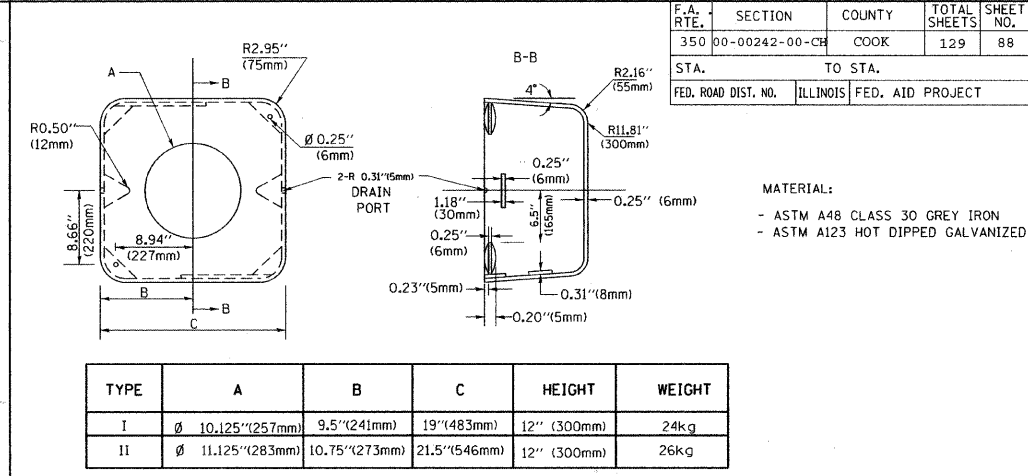
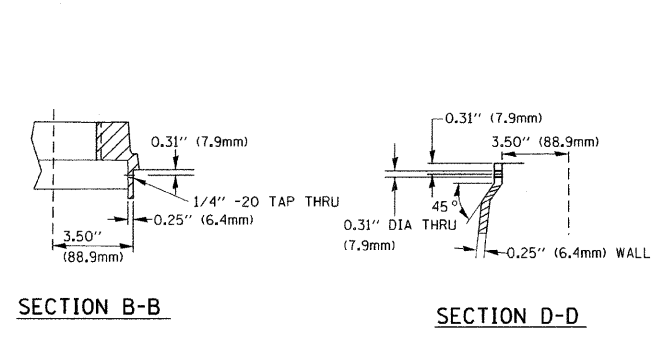
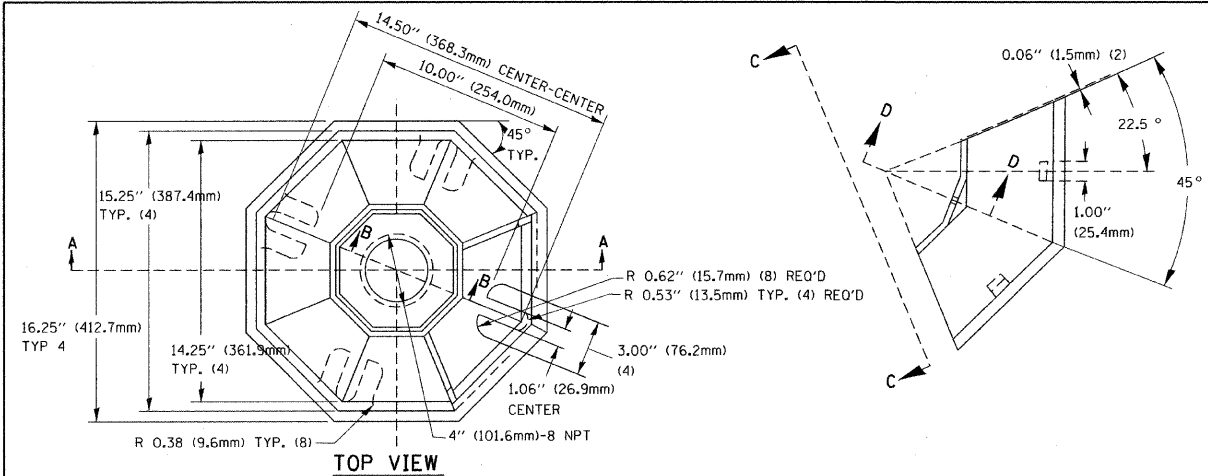
REVISIONS		
NAME	DATE	
CADD	5/30/00	
CADD	3/15/01	
BUREAU OF TRAFFIC	1/01/02	

ILLINOIS DEPARTMENT OF TRANSPORTATION
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL
DESIGN DETAILS**

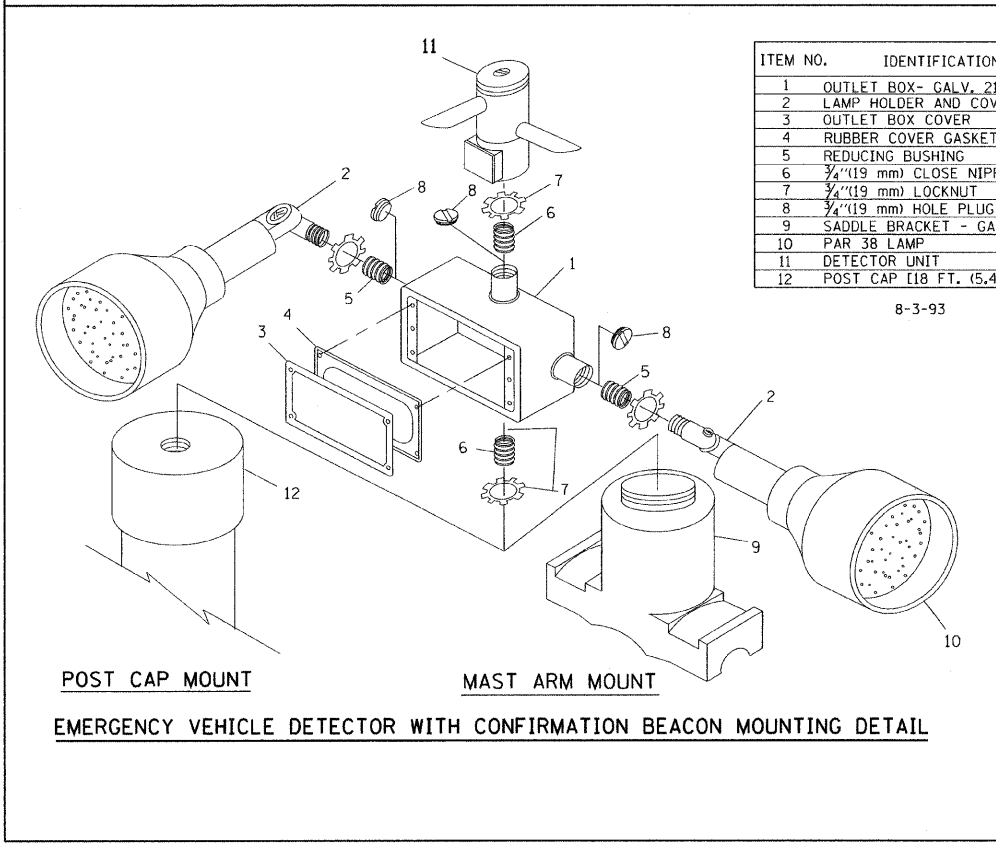
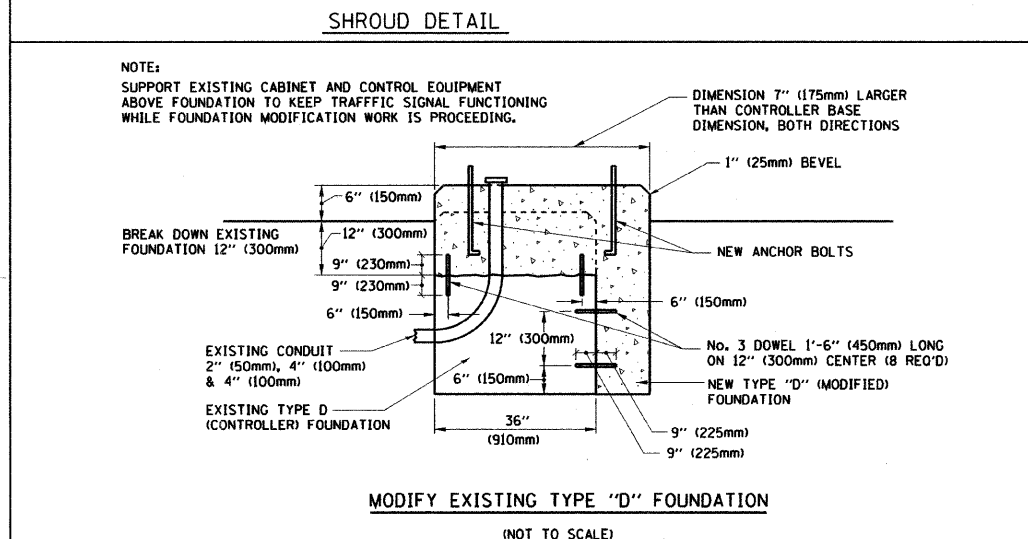
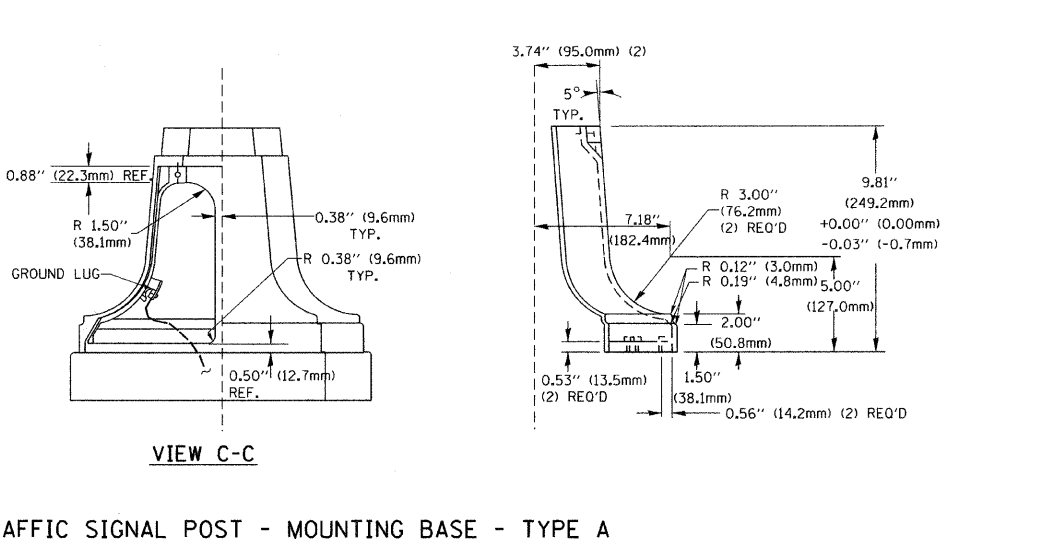
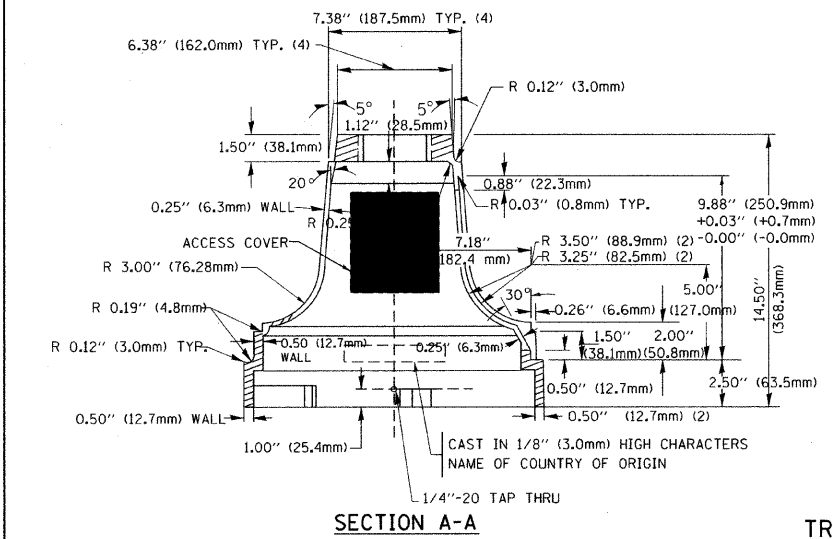
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DESIGNED BY: DAD
CHECKED BY: DAZ
SHEET 3 OF 4
TS05

PLOT DATE = 3/7/2007
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PLOT SCALE = 50.00000 / IN.
USER NAME = bward1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	88
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

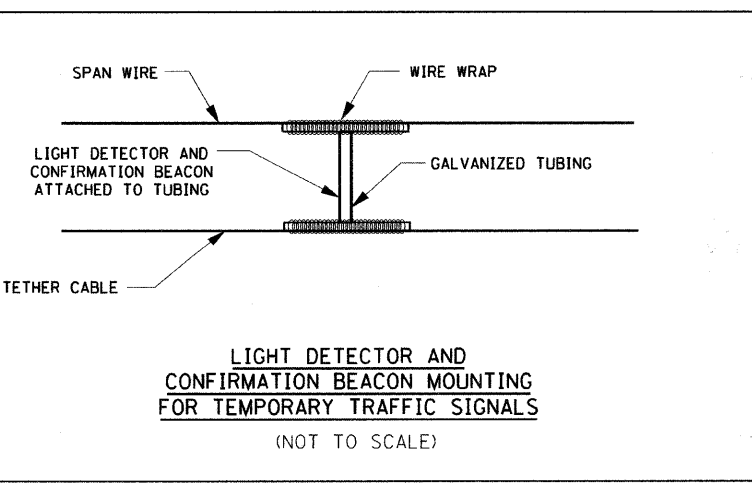
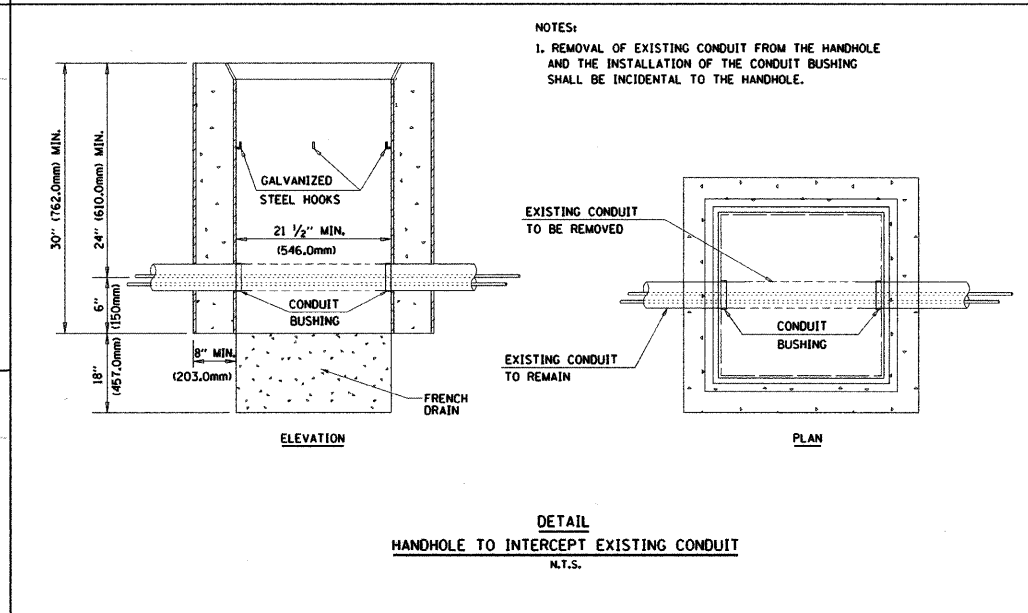


TYPE	A	B	C	HEIGHT	WEIGHT
I	Ø 10.125\" (257mm)	9.5\" (241mm)	19\" (483mm)	12\" (300mm)	24kg
II	Ø 11.125\" (283mm)	10.75\" (273mm)	21.5\" (546mm)	12\" (300mm)	26kg



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	PAR 38 LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

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



REVISIONS	
NAME	DATE
BUREAU OF TRAFFIC	5/30/00
BUREAU OF TRAFFIC	3/15/01
BUREAU OF TRAFFIC	11/12/01
BUREAU OF TRAFFIC	1-01-02

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT ONE
 STANDARD TRAFFIC SIGNAL
 DESIGN DETAILS

SCALE: NONE

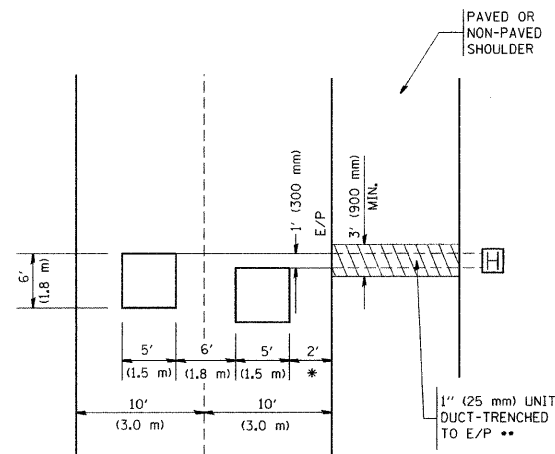
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 USER NAME = baueard1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	89
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LOOPS NEXT TO SHOULDERS

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



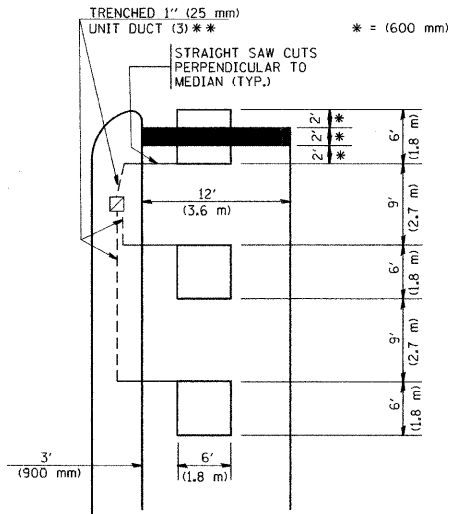
* = (600 mm)

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

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

(PROTECTED / PERMITTED LEFT TURN PHASING)

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



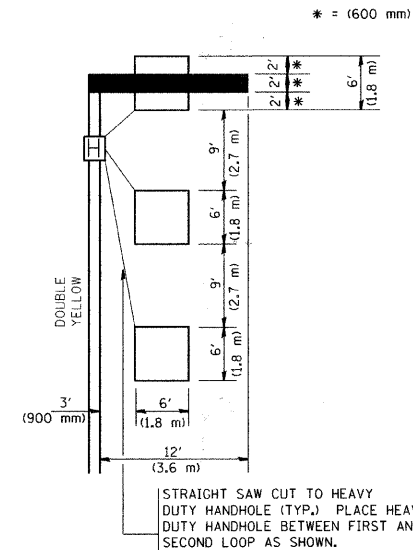
* = (600 mm)

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

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

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

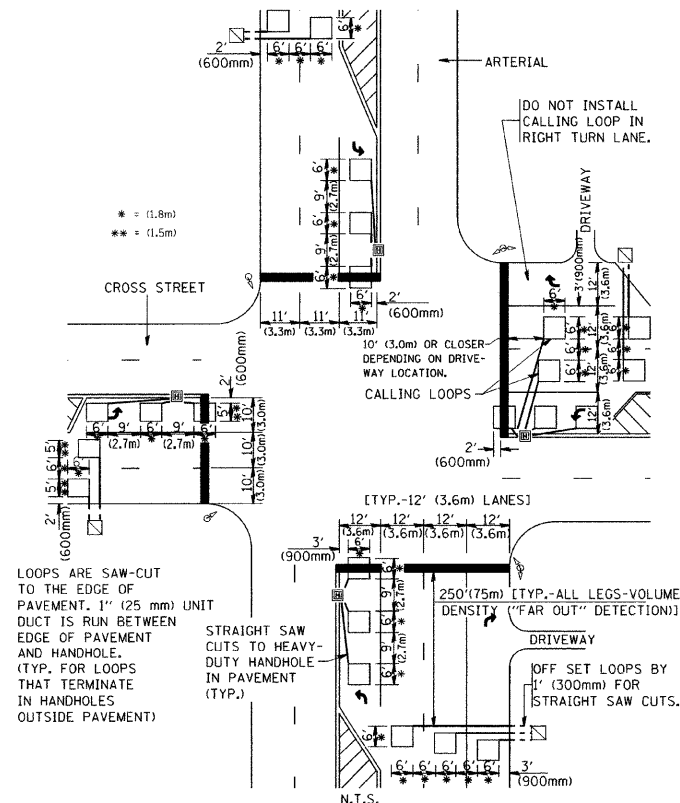
(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

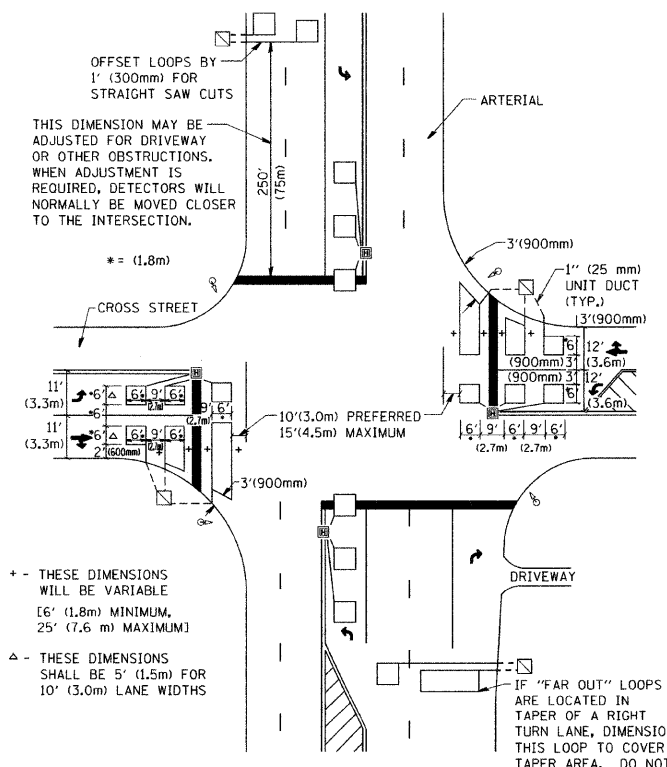
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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



DETAIL 1
N.T.S.

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



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

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

NOTE:

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

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

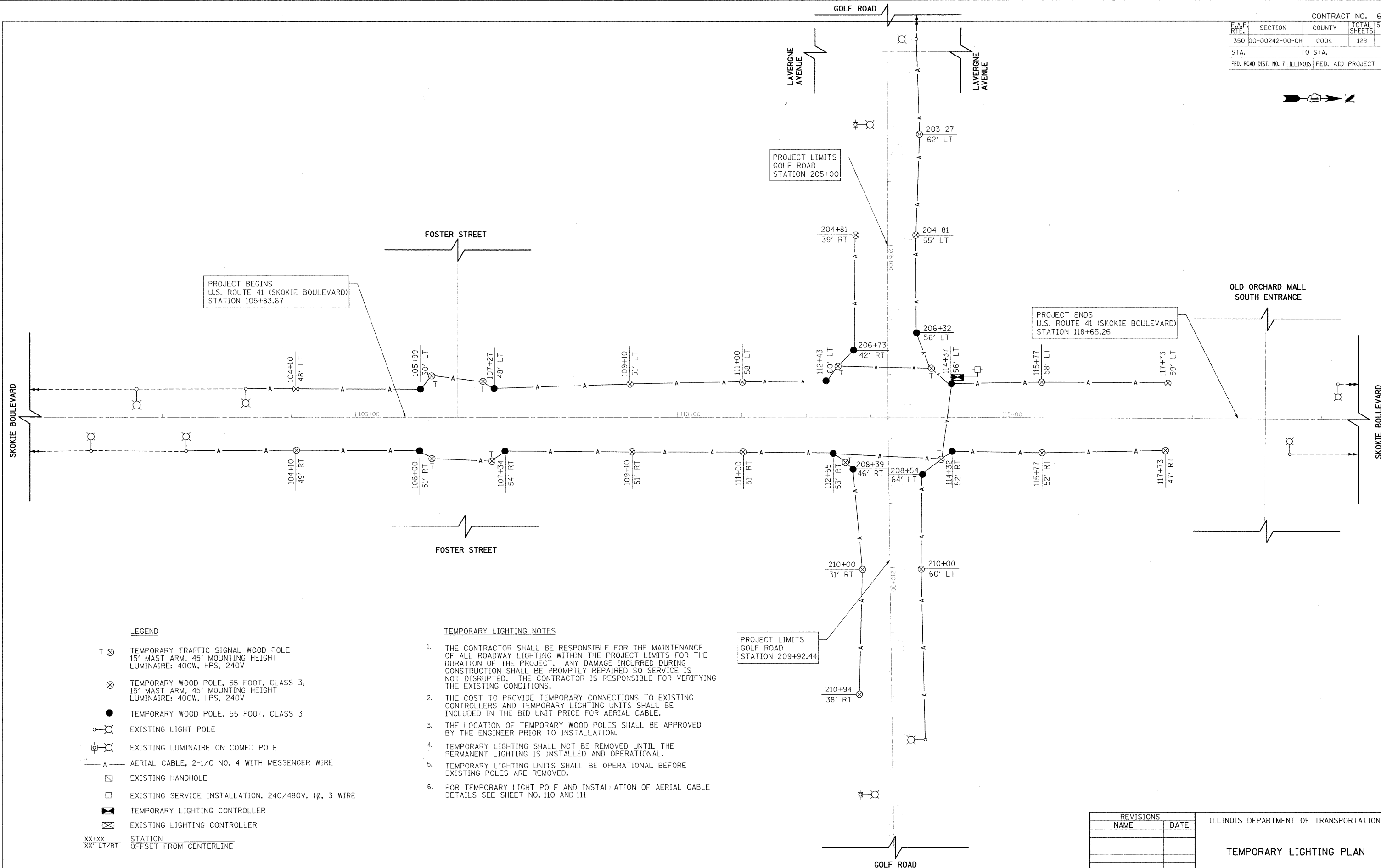
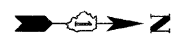
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 1
DETECTOR LOOP
INSTALLATION DETAILS
FOR ROADWAY RESURFACING

SCALE: NONE

DESIGNED BY
DRAWN BY CADD
CHECKED BY R.K.F.
TS07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	90
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



PROJECT BEGINS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STATION 105+83.67

PROJECT ENDS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STATION 118+65.26

PROJECT LIMITS
GOLF ROAD
STATION 205+00

PROJECT LIMITS
GOLF ROAD
STATION 209+92.44

LEGEND

- T ⊗ TEMPORARY TRAFFIC SIGNAL WOOD POLE
15' MAST ARM, 45' MOUNTING HEIGHT
LUMINAIRE: 400W, HPS, 240V
- ⊗ TEMPORARY WOOD POLE, 55 FOOT, CLASS 3,
15' MAST ARM, 45' MOUNTING HEIGHT
LUMINAIRE: 400W, HPS, 240V
- TEMPORARY WOOD POLE, 55 FOOT, CLASS 3
- ⊙ EXISTING LIGHT POLE
- ⊙ EXISTING LUMINAIRE ON COMED POLE
- A — AERIAL CABLE, 2-1/C NO. 4 WITH MESSENGER WIRE
- EXISTING HANDHOLE
- EXISTING SERVICE INSTALLATION, 240/480V, 1Ø, 3 WIRE
- ⊠ TEMPORARY LIGHTING CONTROLLER
- ⊠ EXISTING LIGHTING CONTROLLER
- XX+XX STATION
XX' LT/RT OFFSET FROM CENTERLINE

TEMPORARY LIGHTING NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL ROADWAY LIGHTING WITHIN THE PROJECT LIMITS FOR THE DURATION OF THE PROJECT. ANY DAMAGE INCURRED DURING CONSTRUCTION SHALL BE PROMPTLY REPAIRED SO SERVICE IS NOT DISRUPTED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS.
2. THE COST TO PROVIDE TEMPORARY CONNECTIONS TO EXISTING CONTROLLERS AND TEMPORARY LIGHTING UNITS SHALL BE INCLUDED IN THE BID UNIT PRICE FOR AERIAL CABLE.
3. THE LOCATION OF TEMPORARY WOOD POLES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
4. TEMPORARY LIGHTING SHALL NOT BE REMOVED UNTIL THE PERMANENT LIGHTING IS INSTALLED AND OPERATIONAL.
5. TEMPORARY LIGHTING UNITS SHALL BE OPERATIONAL BEFORE EXISTING POLES ARE REMOVED.
6. FOR TEMPORARY LIGHT POLE AND INSTALLATION OF AERIAL CABLE DETAILS SEE SHEET NO. 110 AND 111

PLOT DATE = 11/14/2008
PLOT SCALE = 1"=50'
USER NAME = BUSERS

REVISIONS	
NAME	DATE

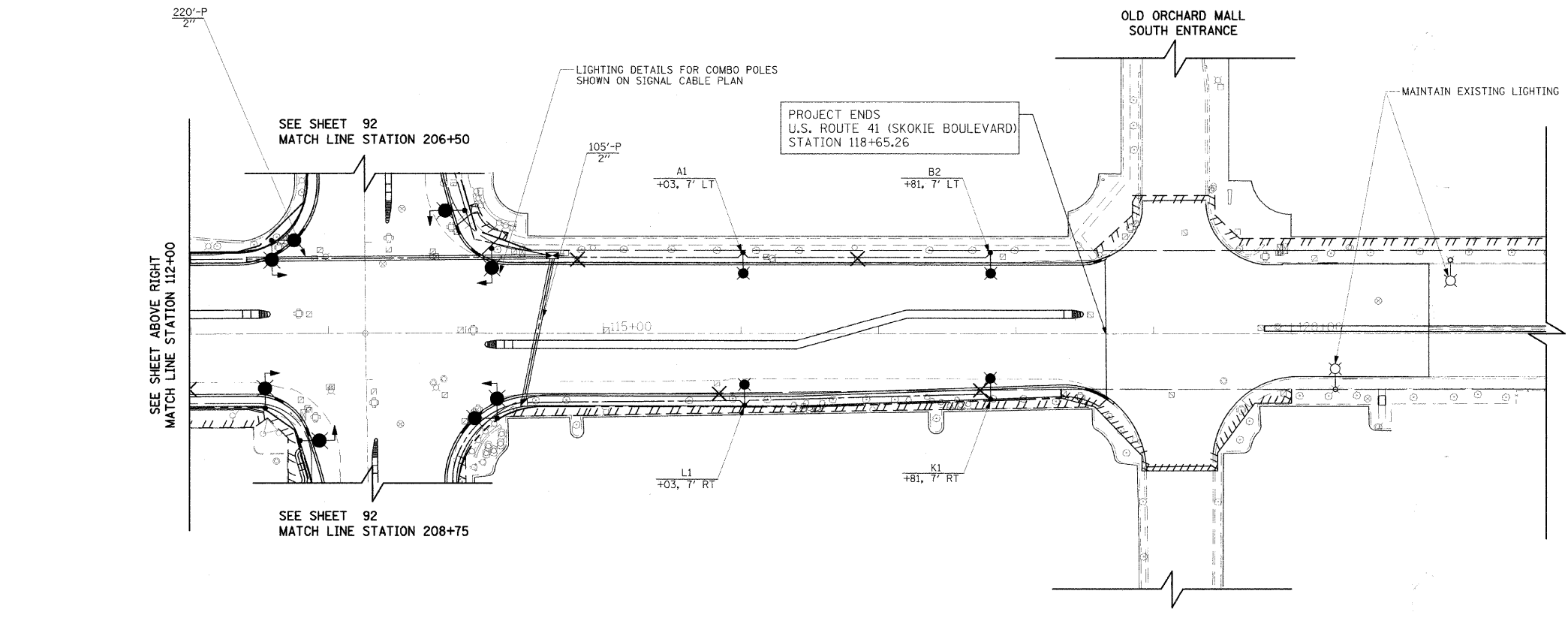
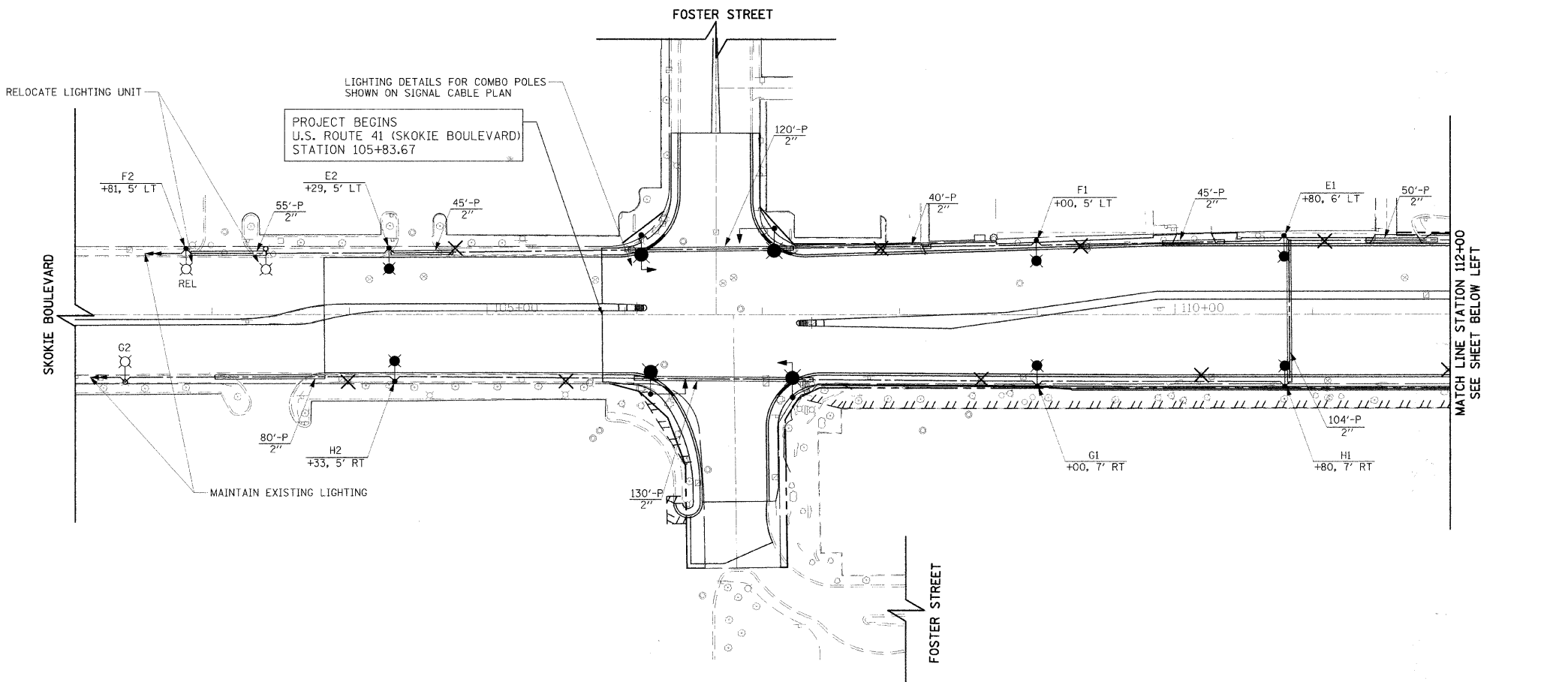
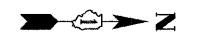
ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING PLAN

DATE 11-14-08
DRAWN BY SRS
CHECKED BY KMM

NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	91
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



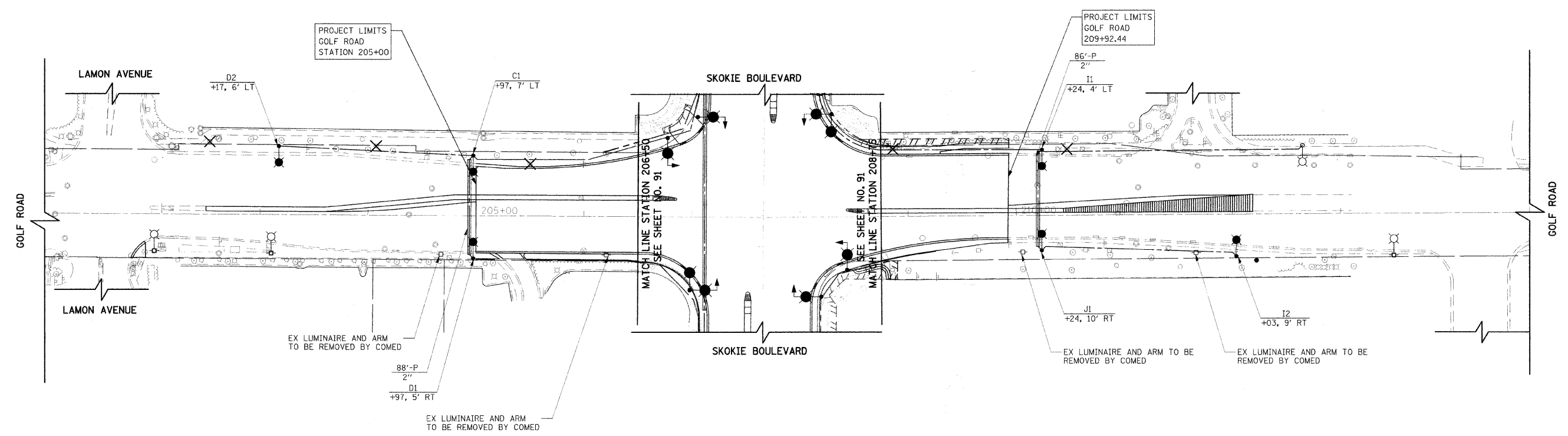
- LEGEND**
- PROPOSED COMBINATION LIGHTING AND TRAFFIC SIGNAL UNIT
POLE: ALUMINUM, 45' M.H., 15' TRUSS MAST ARM (IDOT HWY STD 877011, 877012)
LUMINAIRE: 400W HPS, CUTOFF, FLAT GLASS, AE 325 SERIES OR APPROVED EQUAL
 - RELOCATED EXISTING ROADWAY LIGHTING UNIT WITH NEW CONCRETE FOUNDATION
 - PROPOSED ROADWAY LIGHTING UNIT
POLE: ALUMINUM, 45' M.H., 15' TRUSS MAST ARM (IDOT DI DETAIL BE-40)
LUMINAIRE: 400W HPS, CUTOFF, FLAT GLASS, AE 325 SERIES OR APPROVED EQUAL
 - EXISTING ROADWAY LIGHTING UNIT (ORIGINAL LOCATION)
 - EXISTING LUMINAIRE ON COMED POLE TO REMAIN
 - EXISTING SERVICE INSTALLATION, 240/480V, 1Ø, 3 WIRE
 - PROPOSED SERVICE INSTALLATION, 240/480V, 1Ø, 3 WIRE
 - EXISTING LIGHTING CONTROLLER CABINET
 - PROPOSED LIGHTING CONTROLLER CABINET, 240/480V, 1Ø, 3 WIRE
 - PROPOSED HANDHOLE
 - EXISTING HANDHOLE
 - GROUND ROD, 5/8 INCH x 10 FEET
 - UNIT DUCT
 - "P" PUSHED
 - "T" TRENCHED
 - CONDUIT PUSHED (P), 2.5" DIA. GALVANIZED STEEL (UNLESS OTHERWISE NOTED)
 - LIGHT POLE CIRCUIT
XX, XXX' LT/RT STATION OFFSET FROM BACK-OF-CURB
 - X REMOVAL OF EXISTING LIGHTING UNIT

- GENERAL NOTES**
1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER PRIOR TO STARTING WORK.
 2. PROPOSED ROADWAY LIGHT POLES SHALL HAVE A SET-BACK OF 2.0 FEET (MIN) FROM THE BACK OF CURB TO THE CENTER OF POLE, UNLESS OTHERWISE INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
 3. A GROUND ROD SHALL BE PROVIDED FOR EACH CONCRETE FOUNDATION. GROUNDING CONNECTIONS MADE TO THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED IN THE PLAN DETAILS.
 4. THE CONTRACTOR SHALL NOTE THE REQUIREMENTS FOR THE ELECTRICAL SERVICE FOR THE PROPOSED ROADWAY LIGHTING. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR TIMELY NOTIFICATION AND COORDINATION WITH THE ELECTRIC UTILITY COMPANY.
 5. PARALLEL UNIT DUCT RUNS SHOWN ON THE PLANS SHALL BE PLACED IN A COMMON TRENCH.
 6. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
 7. ALL CONDUIT IS PUSHED UNLESS OTHERWISE NOTED. CONDUIT LENGTHS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACTUAL DISTANCE REQUIREMENTS IN THE FIELD.
 8. THE EXISTING LIGHT POLES SHALL BE DISPOSED OR SALVAGED AS DIRECTED BY THE ENGINEER. THE POLE SHALL BE DISPOSED BY THE CONTRACTOR AT NO COST TO THE VILLAGE. THE SALVAGED POLES AND LUMINAIRES SHALL BE DELIVERED TO THE VILLAGE OF SKOKIE PUBLIC WORKS DEPARTMENT AT 9050 GROSS POINT ROAD.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		LIGHTING PLAN SKOKIE BOULEVARD

PLOT DATE = 11/14/2008
 PLOT SCALE = 1"=50'
 USER NAME = JUSER8

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	92
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



LEGEND

- PROPOSED COMBINATION LIGHTING AND TRAFFIC SIGNAL UNIT
POLE: ALUMINUM, 45' M.H., 15' TRUSS MAST ARM (IDOT HWY STD 877011, 877012)
LUMINAIRE: 400W HPS, CUTOFF, FLAT GLASS, AE 325 SERIES OR APPROVED EQUAL
- REL RELOCATED EXISTING ROADWAY LIGHTING UNIT WITH NEW CONCRETE FOUNDATION
- PROPOSED ROADWAY LIGHTING UNIT
POLE: ALUMINUM, 45' M.H., 15' TRUSS MAST ARM (IDOT DI DETAIL BE-401)
LUMINAIRE: 400W HPS, CUTOFF, FLAT GLASS, AE 325 SERIES OR APPROVED EQUAL
- EXISTING ROADWAY LIGHTING UNIT (ORIGINAL LOCATION)
- EXISTING LUMINAIRE ON COMED POLE TO REMAIN
- EXISTING SERVICE INSTALLATION, 240/480V, 1Ø, 3 WIRE
- PROPOSED SERVICE INSTALLATION, 240/480V, 1Ø, 3 WIRE
- EXISTING LIGHTING CONTROLLER CABINET
- PROPOSED LIGHTING CONTROLLER CABINET, 240/480V, 1Ø, 3 WIRE
- PROPOSED HANDHOLE
- EXISTING HANDHOLE
- GROUND ROD, 5/8 INCH x 10 FEET
- UNIT DUCT
- "P" PUSHED
- "T" TRENCHED
- CONDUIT PUSHED (P), 2.5" DIA. GALVANIZED STEEL (UNLESS OTHERWISE NOTED)
- LIGHT POLE CIRCUIT
XX, XXX, XXX' LT/RT STATION OFFSET FROM BACK-OF-CURB
- X REMOVAL OF EXISTING LIGHTING UNIT

- GENERAL NOTES**
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER PRIOR TO STARTING WORK.
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REVISIONS		DATE
NAME		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)

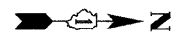
LIGHTING PLAN
GOLF ROAD

50' 0 50'
HORIZ. 1"=50'

DATE 11-14-08
DRAWN BY SRS
CHECKED BY KMM

PLOT DATE = 11/14/2008
PLOT SCALE = AS SHOWN
USER NAME = USER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	93
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



LEGEND

- EXISTING CABLE
- PROPOSED CABLE
- ☒ PROPOSED CONTROLLER
- ☐ EXISTING SERVICE INSTALLATION
- XX-XX
XX+XX LIGHT POLE CIRCUIT STATION
- "E" ○ EXISTING LUMINAIRE ON RED WIRE
- "E" ● EXISTING LUMINAIRE ON BLACK WIRE
- LUMINAIRE, HPS, 400W, ON RED WIRE
- LUMINAIRE, HPS, 400W, ON BLACK WIRE

LOAD TABULATION

CIRCUIT NO.	NO. OF LIGHTS	CONTROLLER SG	
		VOLTS	AMPS
A	1	240	2
B	1	240	2
C	5	240	10
D	2	240	4
E	2	240	4
F	7	240	14
G	5	240	10
H	2	240	4
I	2	240	4
J	7	240	14
K	1	240	2
L	1	240	2
TOTAL	35		72

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1205	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
16	EACH	GROUND ROD, 5/8" DIA. X 10 FT.
4158	FOOT	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
937	FOOT	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (EPR-TYPE RHW), 1" DIA. POLYETHYLENE
20	FOOT	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2
2889	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
16	EACH	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM
1	EACH	HANDHOLE
128	FOOT	LIGHT POLE FOUNDATION, 24" DIAMETER
18	EACH	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE
19	EACH	LIGHTING FOUNDATION REMOVAL
1	EACH	RELOCATE EXISTING LIGHTING UNIT
1	EACH	REMOVAL OF LIGHTING CONTROLLER
16	EACH	LUMINAIRE, STREET LIGHTING, HIGH PRESSURE SODIUM VAPOR, 400 WATT, 240 VOLT
4595	FOOT	AERIAL CABLE, 2-1/C NO. 4 WITH MESSENGER WIRE
16	EACH	LIGHT POLE, WOOD, 55 FOOT, CLASS 3, WITH 15FT MAST ARM
12	EACH	LIGHT POLE, WOOD, 55 FOOT, CLASS 3
1	EACH	MAINTENANCE OF LIGHTING SYSTEM
28	EACH	LUMINAIRE SAFETY CABLE ASSEMBLY
16	EACH	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, 400 WATT
2	EACH	COMBINATION POLE LIGHTING CONTROLLER
1	EACH	SERVICE INSTALLATION - GROUND MOUNTED
1	EACH	TEMPORARY LIGHTING CONTROLLER
1	EACH	LIGHTING CONTROLLER, PAD MOUNTED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

WIRING DIAGRAM
SCHEDULE OF QUANTITIES

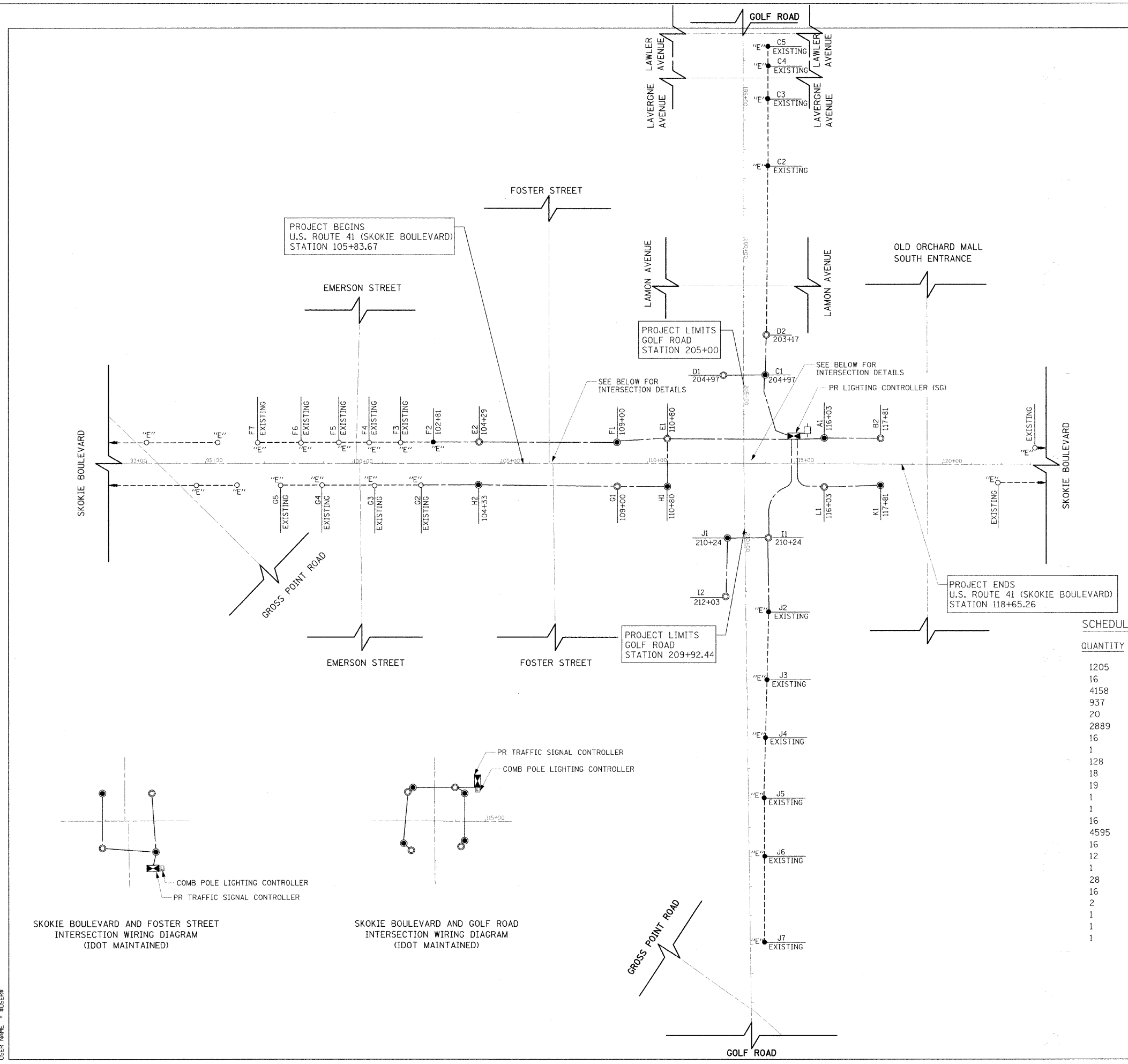
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DATE 11-14-08

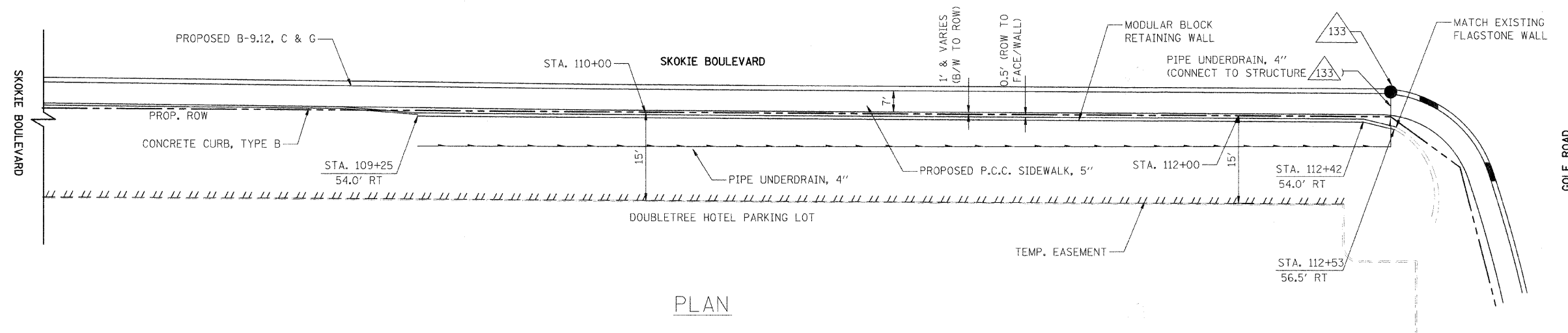
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CHECKED BY KMM

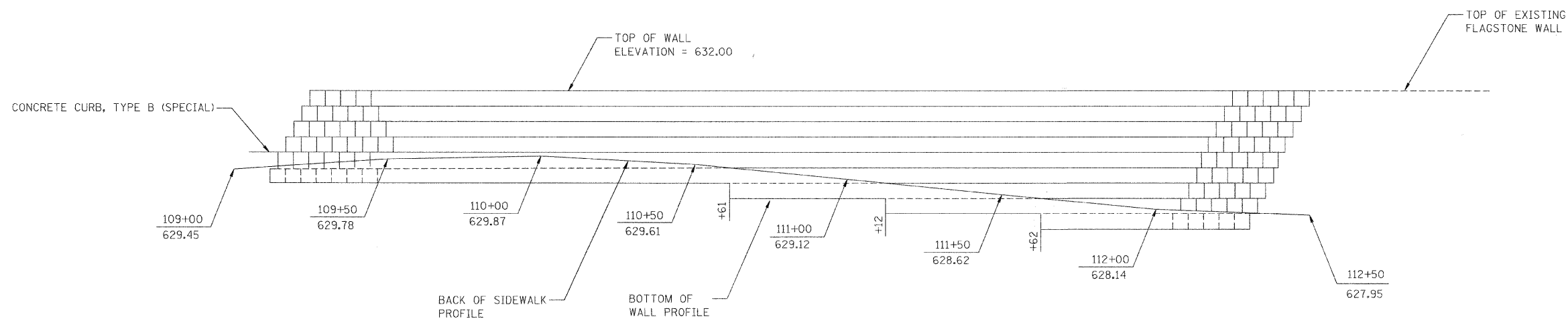
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 PLOT TIME = 11:55:00
 PLOT SCALE = 1"=100'
 USER NAME = BUSER09



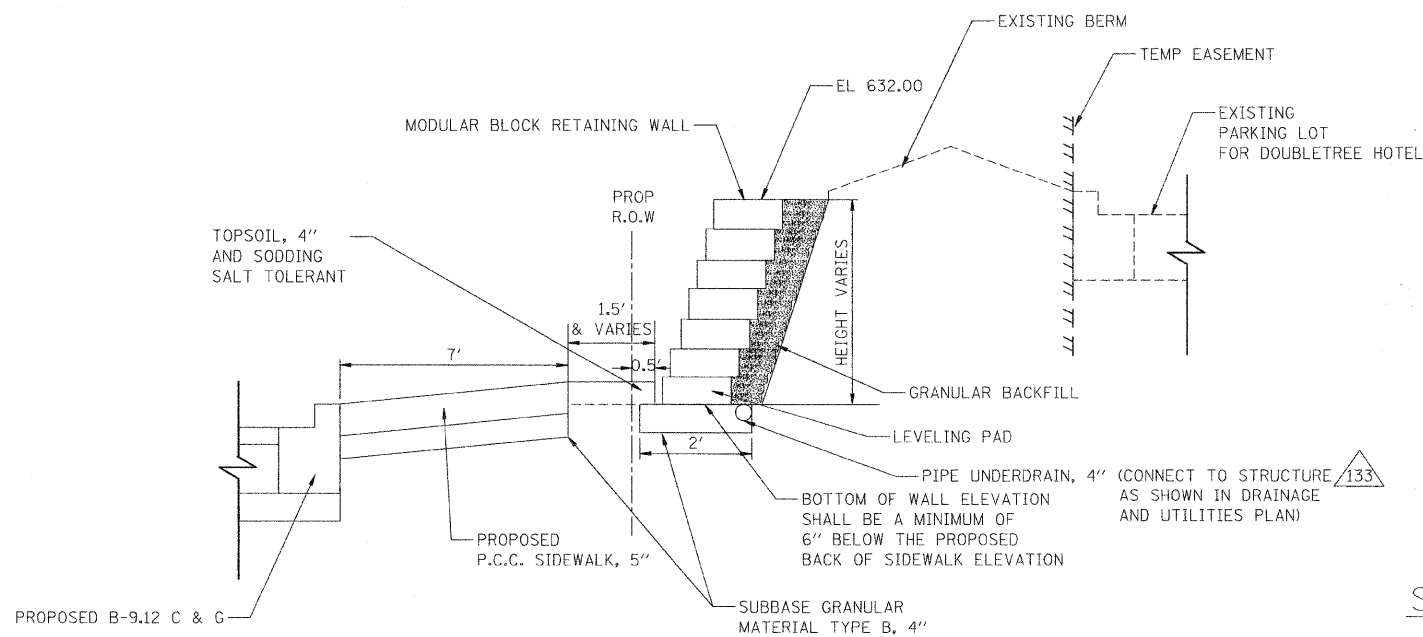
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	94
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



PLAN



ELEVATION



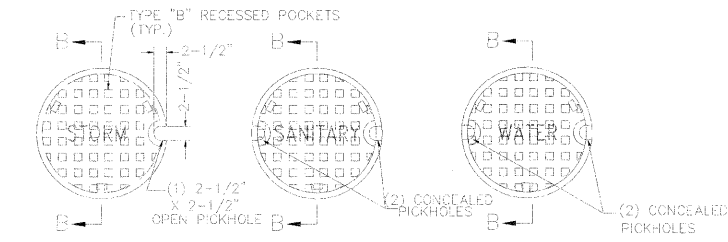
SECTION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SKOKIE BOULEVARD (U.S. ROUTE 41)
 SKOKIE BOULEVARD
 MODULAR BLOCK RETAINING WALL
 PLAN AND ELEVATION

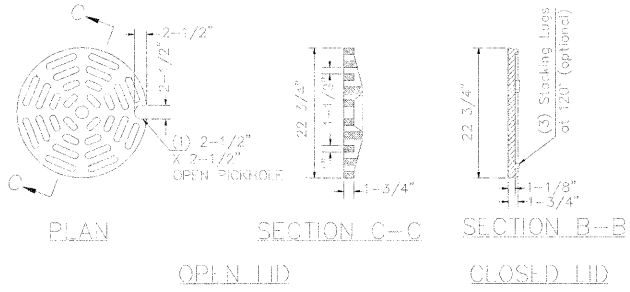
DATE 11-14-08
 DRAWN BY SAG
 CHECKED BY DWB
 NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	95
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



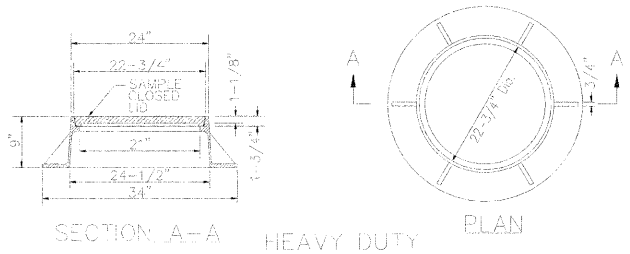
STORM SEWER SANITARY SEWER WATER MAIN
('STORM', 'SANITARY', or 'WATER' CAST IN LID AS MARKED)

CLOSED LID PLAN



OPEN LID

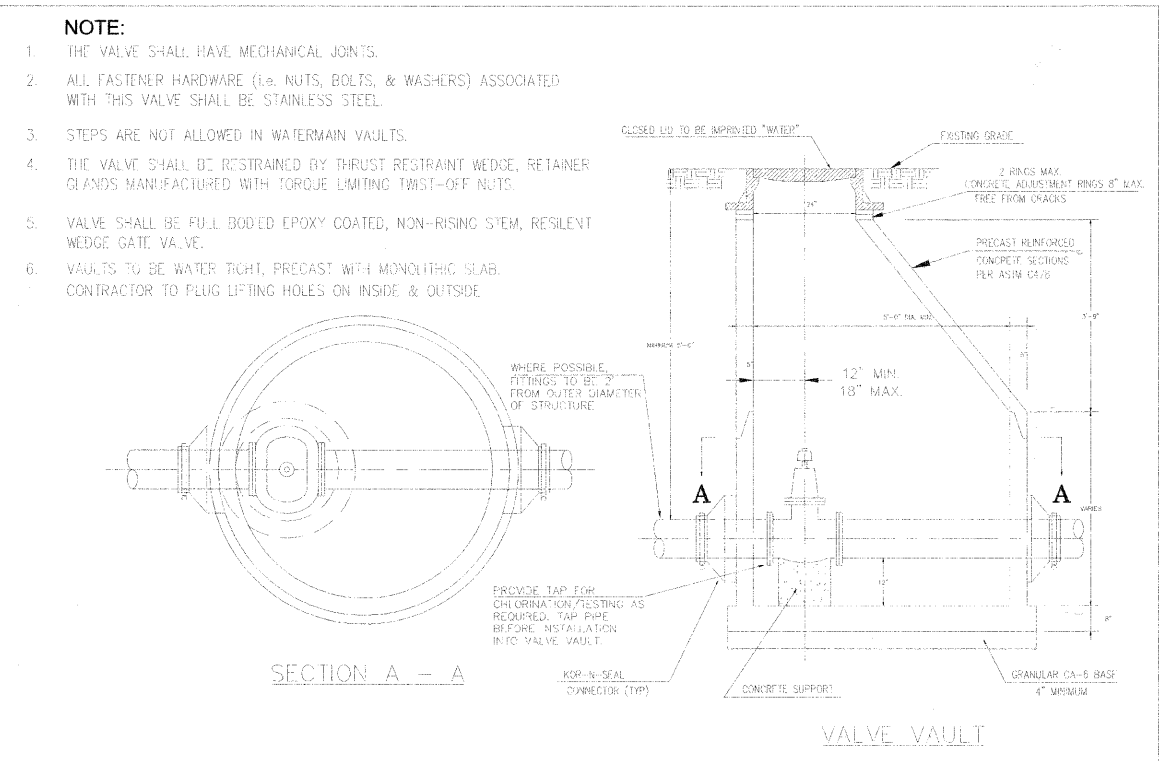
CLOSED LID



SECTION A-A

HEAVY DUTY

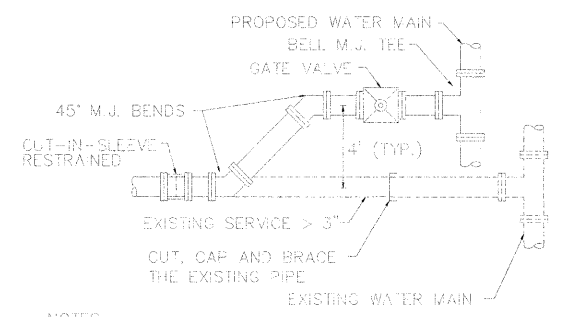
PLAN



- NOTE:**
1. THE VALVE SHALL HAVE MECHANICAL JOINTS.
 2. ALL FASTENER HARDWARE (i.e. NUTS, BOLTS, & WASHERS) ASSOCIATED WITH THIS VALVE SHALL BE STAINLESS STEEL.
 3. STEPS ARE NOT ALLOWED IN WATERMAIN VAULTS.
 4. THE VALVE SHALL BE RESTRAINED BY THRUST RESTRAINT WEDGE, RETAINER GLANDS MANUFACTURED WITH TORQUE LIMITING TWIST-OFF NUTS.
 5. VALVE SHALL BE FULL BODIED EPOXY COATED, NON-RISING STEM, RESILIENT WEDGE GATE VALVE.
 6. VAULTS TO BE WATER TIGHT, PRECAST WITH MONOLITHIC SLAB. CONTRACTOR TO PLUG LIFTING HOLES ON INSIDE & OUTSIDE.

SECTION A - A

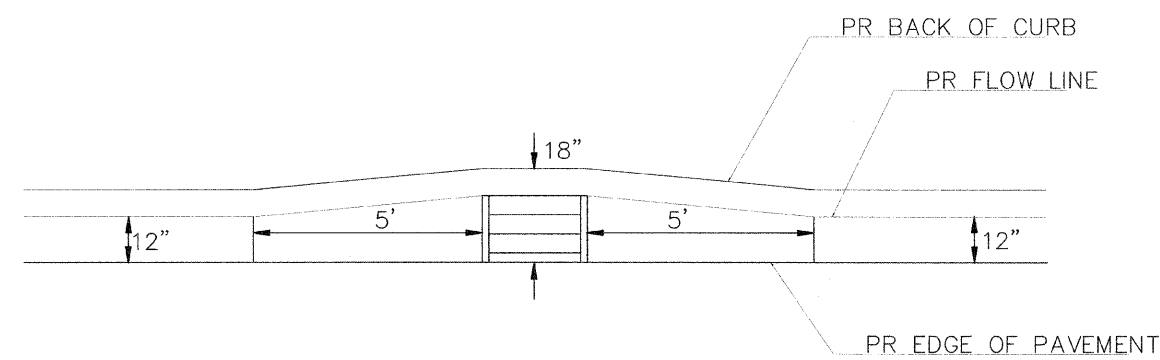
VALVE VAULT



- NOTES:**
1. MFGA-LUGS TO BE USED WITH ALL M.J. FITTINGS.
 2. IF EXIST. WATER SERVICE IS 3", PROVIDE 4" PIPING AND VALVE W/REDUCER AT POINT OF RECONNECTION.

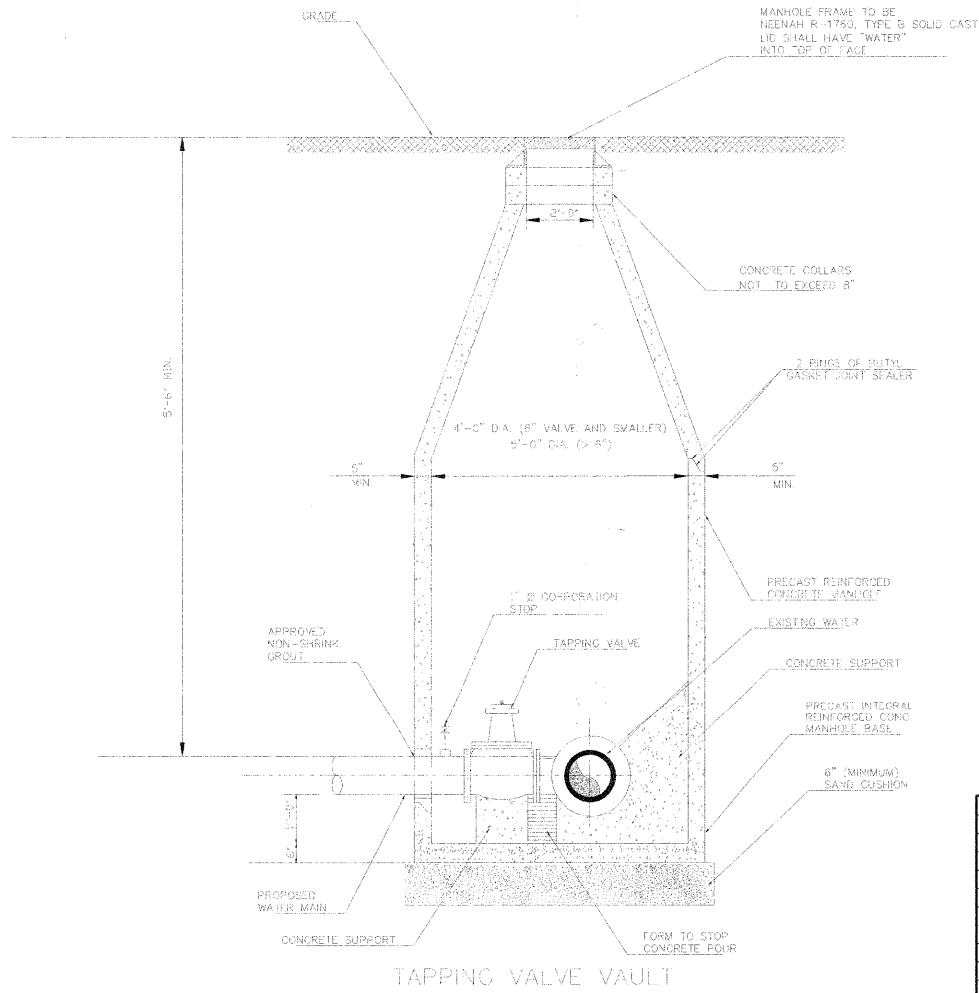
WATER MAIN/SERVICE > 3" RECONNECTION

- NOTES:**
1. AFTER THE EXISTING WATER MAIN OR SERVICE IS CUT AT THE NOTED LOCATION, CONTRACTOR SHALL DETERMINE THE DISTANCE TO THE NEXT JOINT WITH A FEELER ROD. IF THE DISTANCE IS SIX (6) FEET OR MORE, THEN COMPLETE THE CONNECTION. IF THAT DISTANCE IS LESS THAN SIX (6) FEET, EXTEND THE NEW PIPE AND CONNECT.
 2. AFTER THE NEW WATER MAIN IS APPROVED, CUT, CAP AND BRACE THE EXISTING SERVICE. REMOVE TEMPORARY PLUG AND CONNECT SERVICE TO THE VALVE. SWAB THE NEW PIPE WITH 1% HTH CHLORINE SOLUTION DURING THE INSTALLATION.



NOTE: TRANSITION LENGTH PAID FOR AS ADJACENT PROPOSED CURB AND GUTTER TYPE SHOWN ON PLANS.

CURB AND GUTTER TRANSITION AT TYPE 23 FRAME AND GRATE



TAPPING VALVE VAULT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)

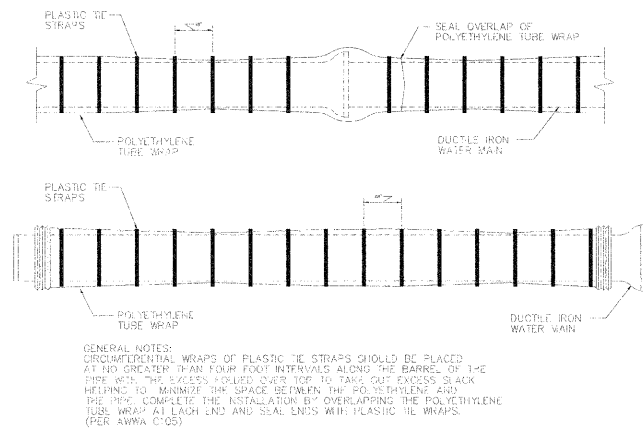
VILLAGE OF SKOKIE DETAILS

DATE 11-14-08
DRAWN BY SAG
CHECKED BY DWB

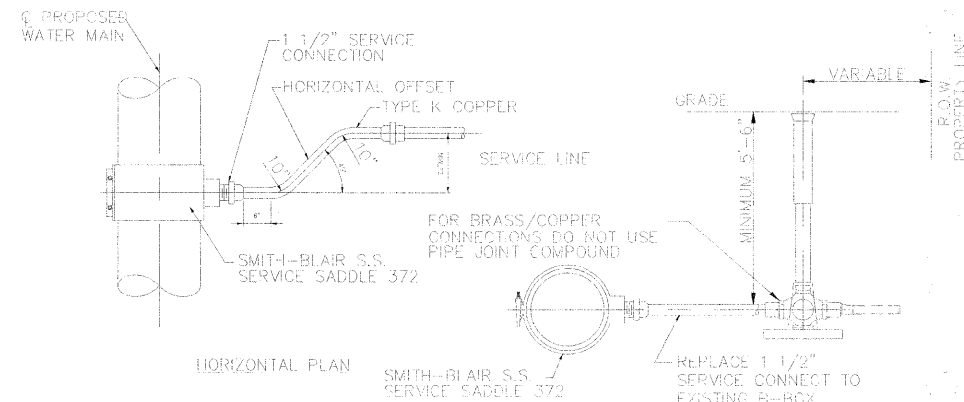
NOT TO SCALE

PLOT DATE = 11/19/2008
FILE NAME = BELLE
PLOT SCALE = 1/8\"/>

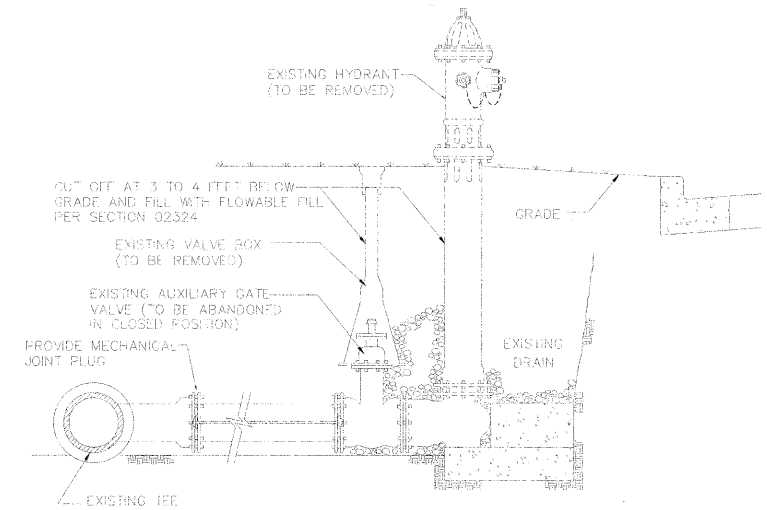
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	96
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



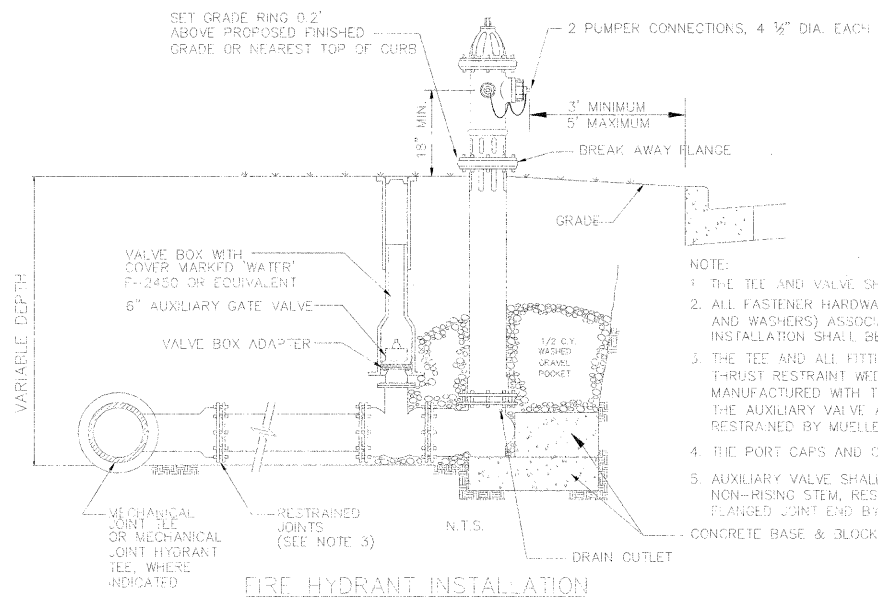
POLYETHYLENE TUBE WRAP FOR DUCTILE IRON PIPE



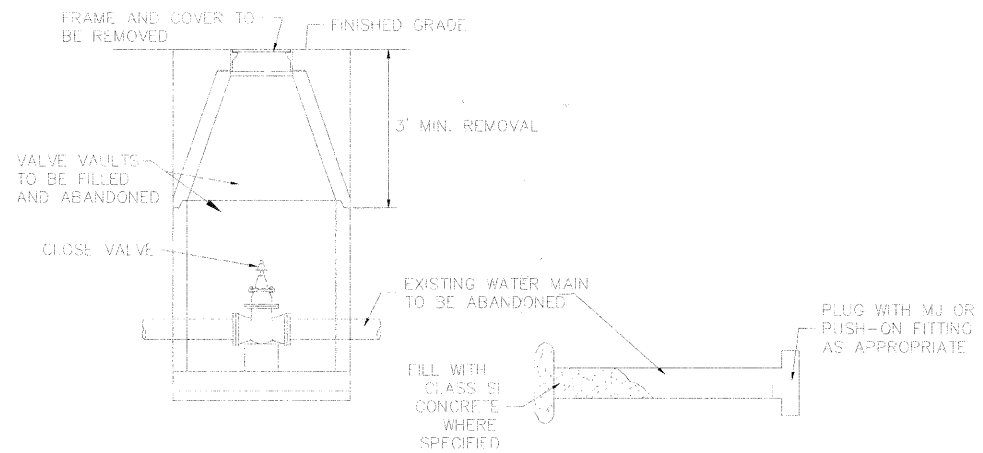
1 1/2" SERVICE TAP CONNECTION



FIRE HYDRANT TO BE REMOVED



FIRE HYDRANT INSTALLATION



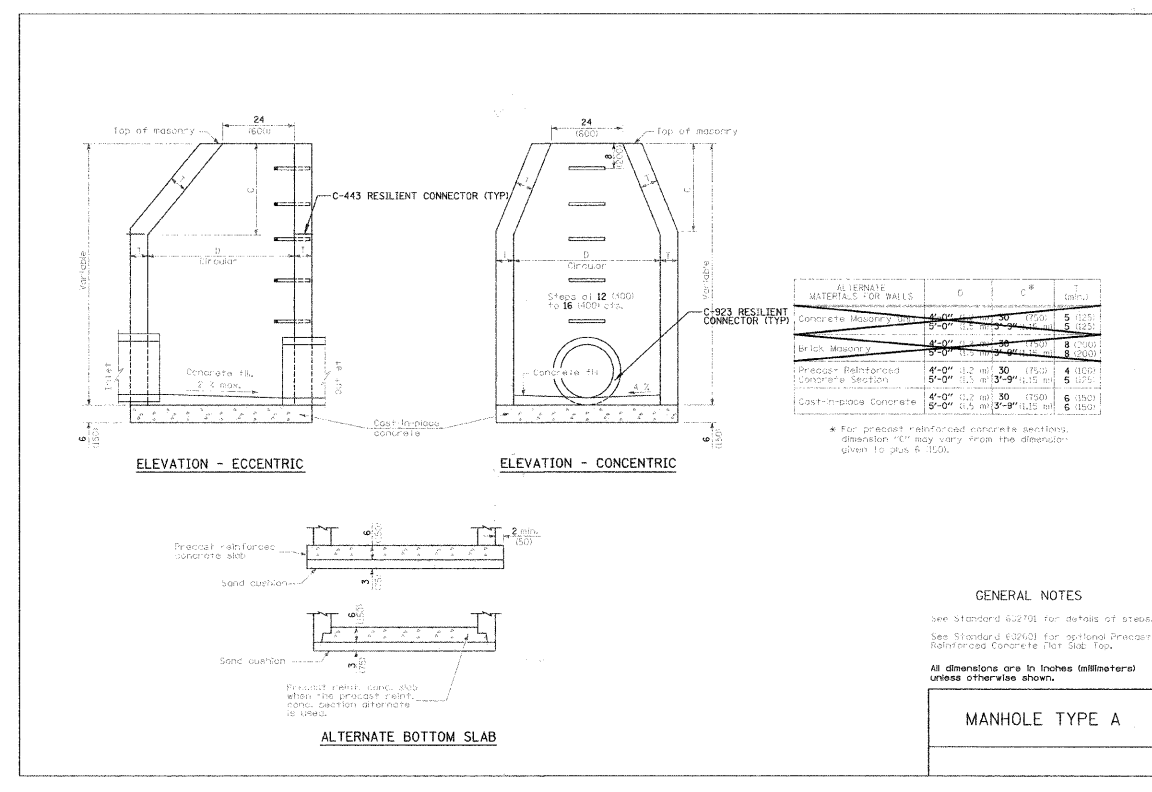
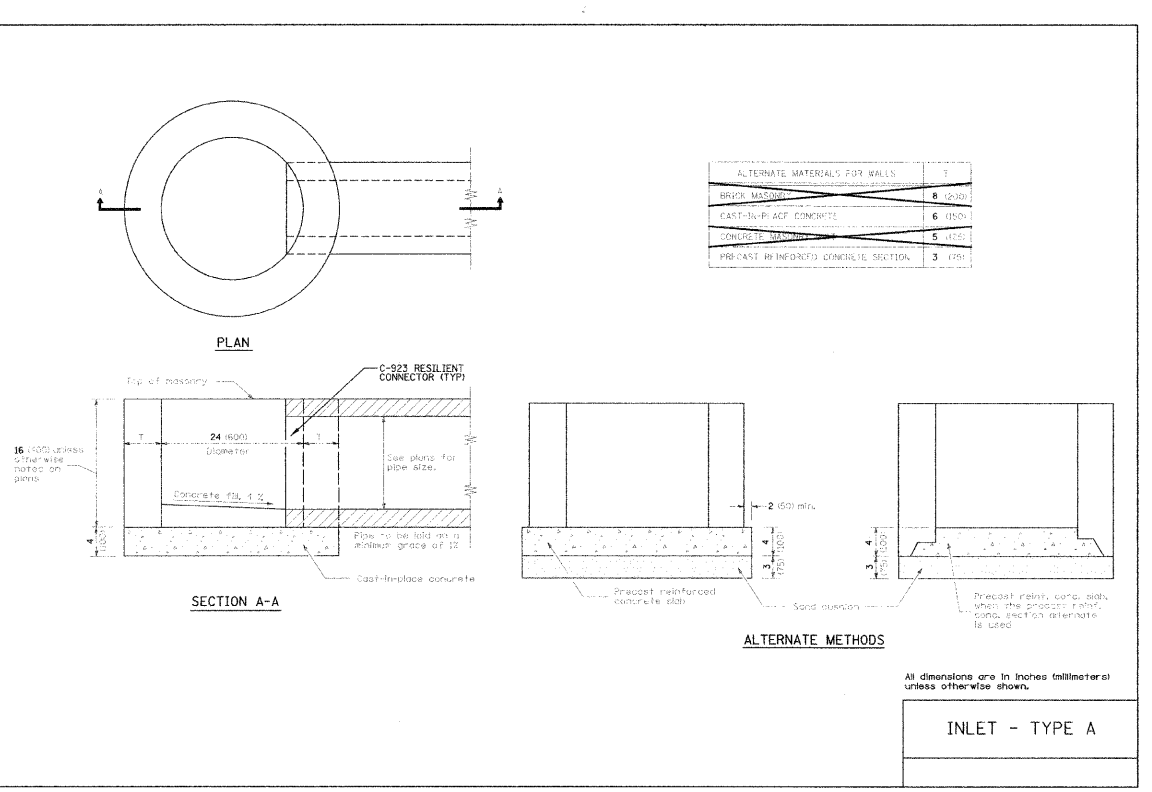
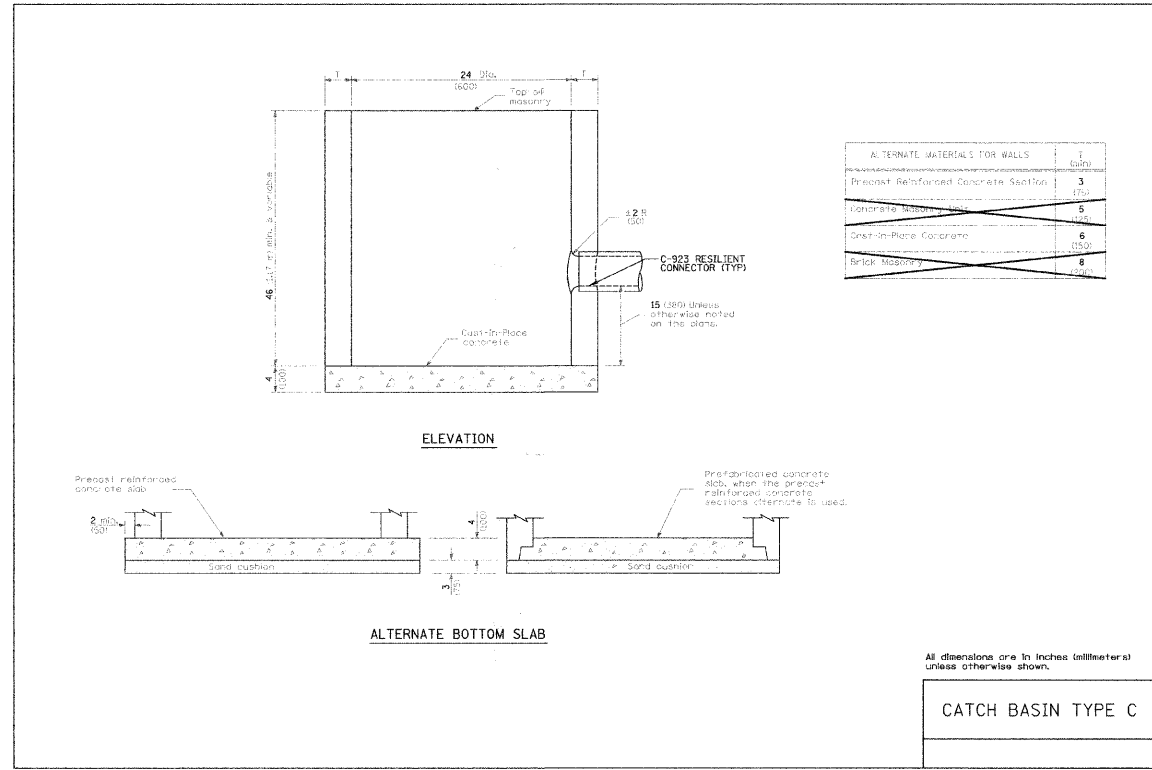
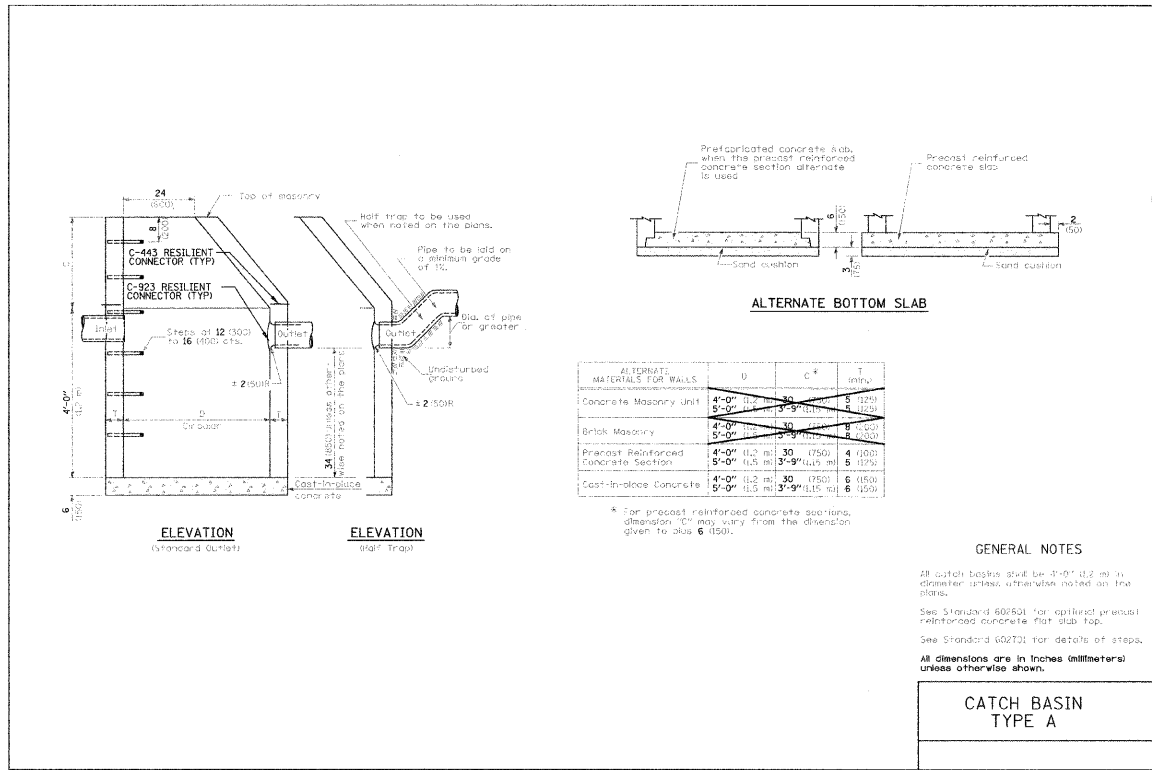
VALVE VAULT, WATER MAIN & VALVE BOX ABANDONMENT DETAIL

PLOT DATE = 11/13/2008
PLOT SCALE = 1"=10'
PLOT SCALE = 1"=10'
USER NAME = USER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SKOKIE BOULEVARD (U.S. ROUTE 41)
VILLAGE OF SKOKIE WATER MAIN DETAILS
DATE 11-14-08
DRAWN BY SAG
CHECKED BY DWB
NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	97
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



PLOT DATE = 11/19/2008
 FILE NAME = 111121
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = USER8

REVISIONS	
NAME	DATE

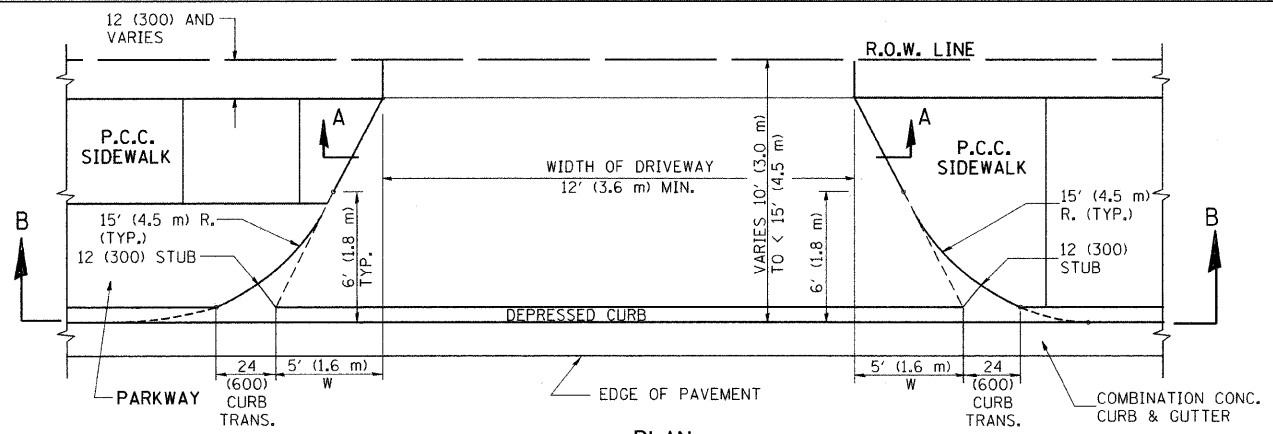
ILLINOIS DEPARTMENT OF TRANSPORTATION

MWRDGC DETAILS

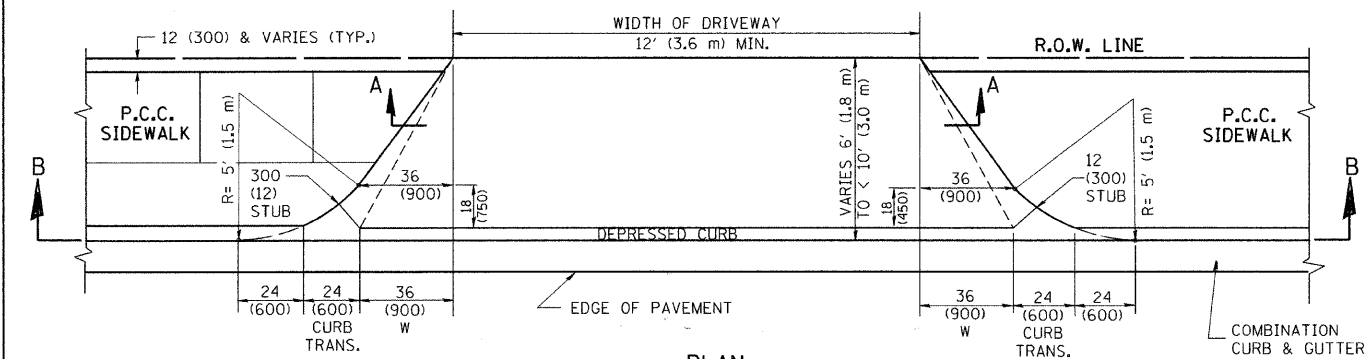
DATE 11-14-08
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 CHECKED BY DWB

NOT TO SCALE

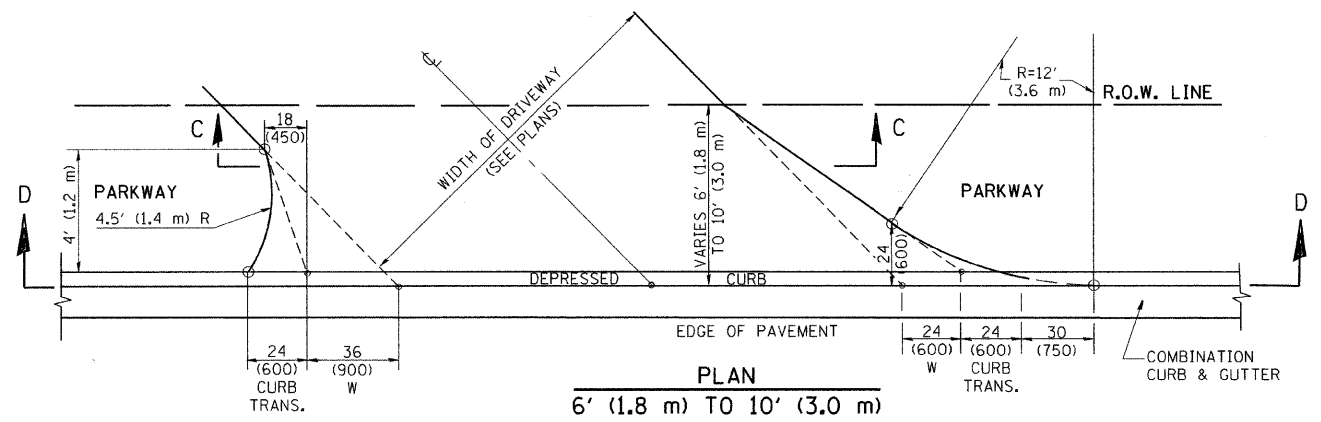
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	98
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



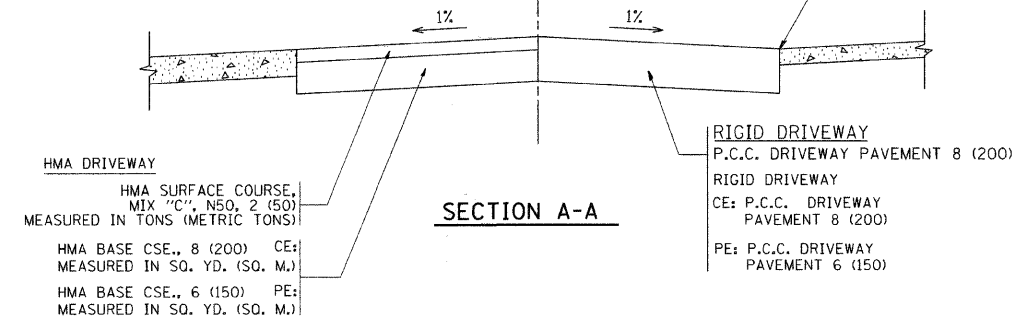
PLAN
10' (3.0 m) TO < 15' (4.5 m)



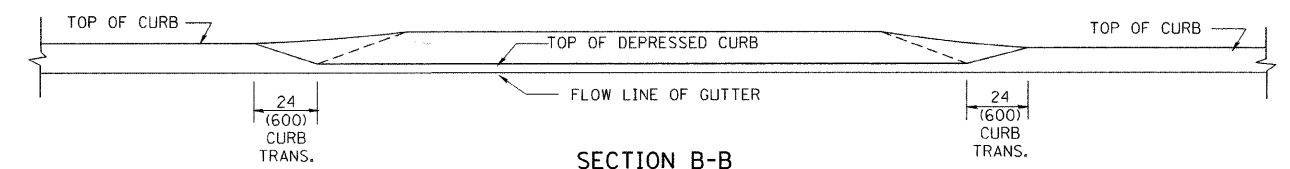
PLAN
6' (1.8 m) TO < 10' (3.0 m)



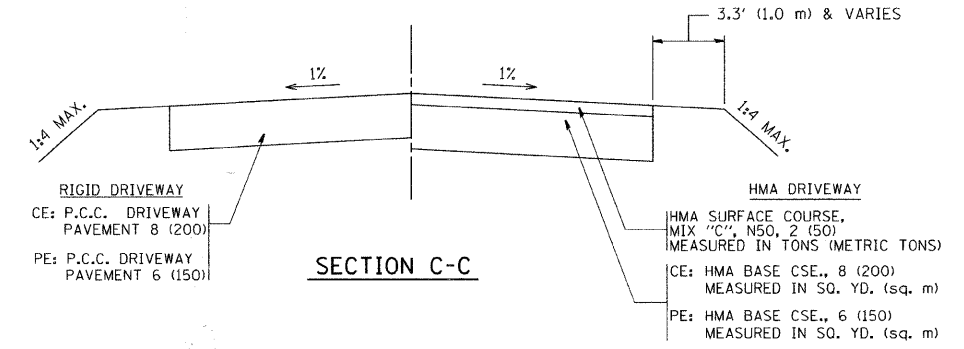
PLAN
6' (1.8 m) TO 10' (3.0 m)



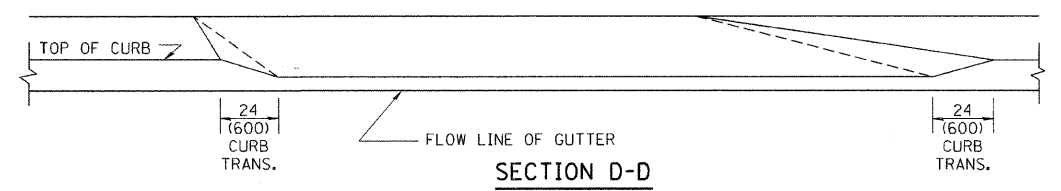
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

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

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

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

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

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

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

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

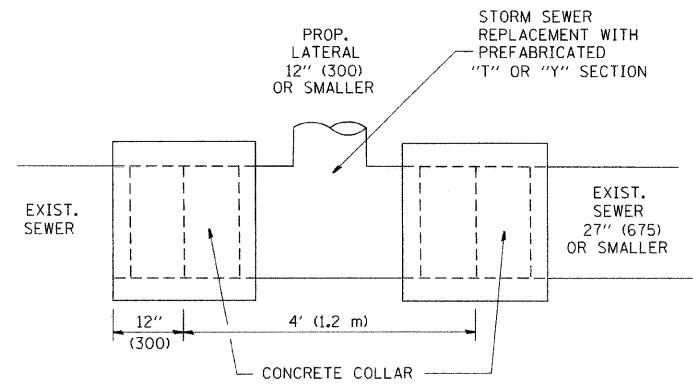
ILLINOIS DEPARTMENT OF TRANSPORTATION
DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)

REVISIONS	
NAME	DATE
R. SHAH	11/06/95
J. POLLASTRINI	08/12/96
J. POLLASTRINI	12/14/96
A. ABBAS	03/21/97
T. HOLTZ	04/08/97
M. GOMEZ	04/06/01
P. LOFLEUR	04/15/03
R. BORO	01/01/07

SCALE: VERT. NONE
HORIZ. DRAWN BY
CHECKED BY

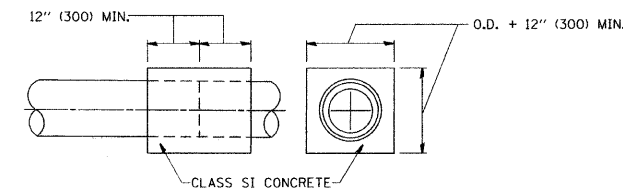
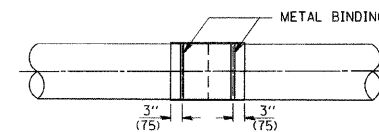
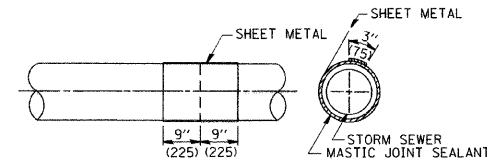
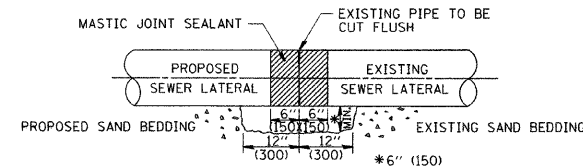
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USER NAME = bward

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	99
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DETAIL "A" (NOT APPLICABLE TO THIS CONTRACT)

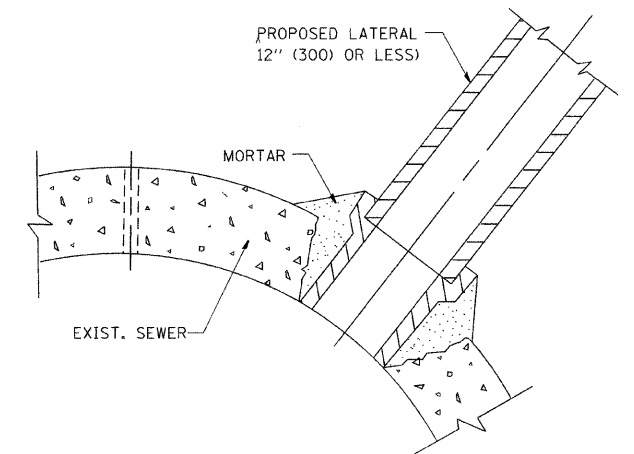
LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



DETAIL "B" CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- 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.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C" (NOT APPLICABLE TO THIS CONTRACT)

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

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

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

REVISIONS	
NAME	DATE
M. DE YONG	07/25/90
M. DE YONG	02/05/92
M. DE YONG	05/08/92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	06/12/96

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

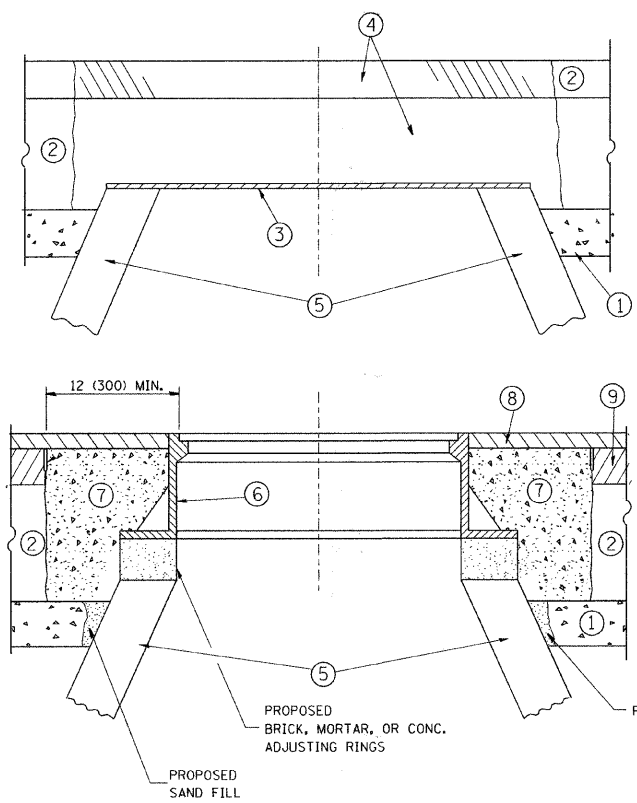
SCALE: VERT. NONE
 HORIZ.

DRAWN BY

CHECKED BY

BD500-01 (BD-7)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	100
STA.		TO STA.		
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 SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

LEGEND

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

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: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"
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

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/30/95
R. SHAH	03/10/95
A. ABBAS	03/21/97
R. WIEDEMAN	05/14/04
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: VERT. NONE
HORIZ. NONE
DRAWN BY
CHECKED BY
BD600-03 (BD-8)