6-15-07 Letting, Item 235

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365/360	01-00273-00-CH	KANE	172+1	1

CONTRACT NO. 83906

Total Sheets 173

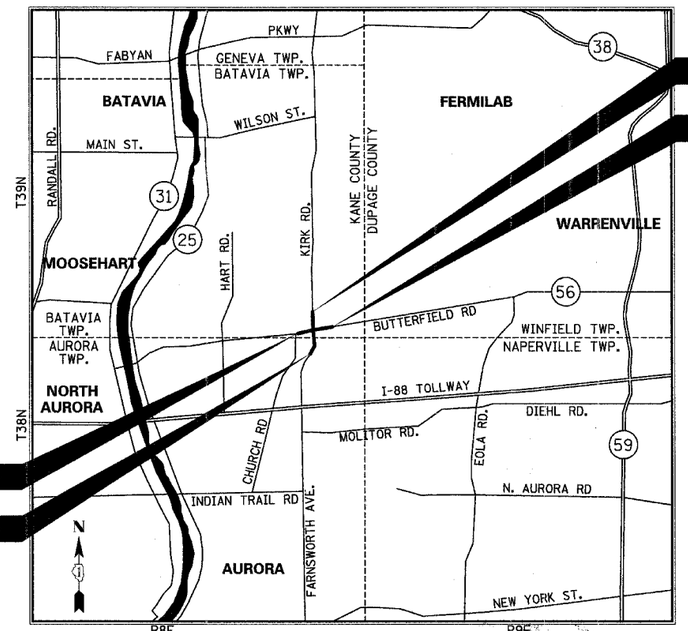
FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
PLANS FOR
FEDERAL AID HIGHWAY

ROUTE: F.A.P. 365 (IL 56) & F.A.P. 360 (KIRK ROAD/FARNSWORTH AVENUE)
SECTION 01-00273-00-CH
INTERSECTION IMPROVEMENT
PROJECT CMF-0365 (007)
KANE COUNTY
C-91-073-05

THIS IMPROVEMENT IS LOCATED IN THE CITY OF AURORA



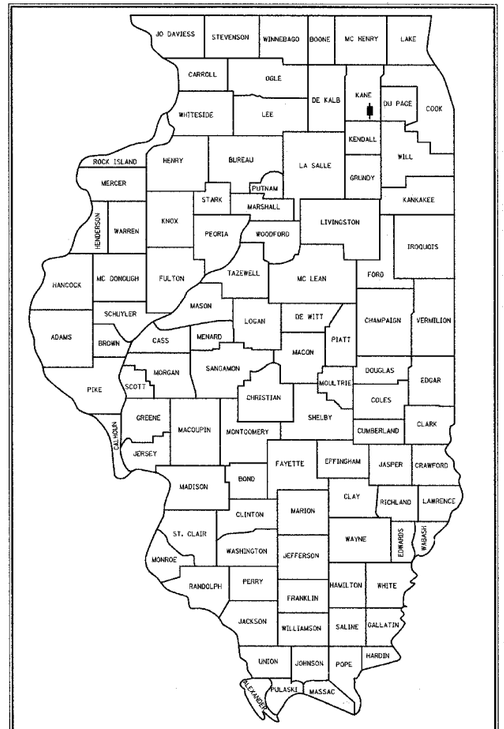
END PROJECT (KIRK)
STA. 140+44.00

END PROJECT (IL ROUTE 56)
STA. 237+55.00

BEGIN PROJECT (IL ROUTE 56)
STA. 215+36.50

BEGIN PROJECT (FARNSWORTH)
STA. 115+05.00

LOCATION MAP
SCALE : N.T.S



LOCATION OF SECTION INDICATED THUS:-

AGENCY RESPONSIBLE FOR LETTING

APPROVED APRIL 10 20 07
KANE COUNTY, COUNTY ENGINEER

PASSED April 11 2007
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVEW April 12 2007
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 (CALL 48 HOURS IN ADVANCE)

0 10' 20' 30' — 1" = 10'
0 50' 100' — 1" = 50'
0 50' 100' — 1" = 40'
0 50' 100' — 1" = 30'
0 50' 100' — 1" = 20'

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.

TRAFFIC DATA

FAP 365 (ILLINOIS ROUTE 56)
FAP 360 (KIRK ROAD /FARNSWORTH AVENUE)

DESIGN DESIGNATION:
ILLINOIS ROUTE 56 (EAST LEG): S.R.A.
ILLINOIS ROUTE 56 (WEST LEG): MAJOR ARTERIAL
KIRK ROAD/FARNSWORTH AVENUE: S.R.A.

ADT:
ILLINOIS ROUTE 56 (EAST LEG) = 24,000 (2020)
ILLINOIS ROUTE 56 (WEST LEG) = 22,000 (2020)
KIRK ROAD/FARNSWORTH AVENUE = 40,000 (2020)

DESIGN SPEED:
ILLINOIS ROUTE 56 = 50 MPH
KIRK ROAD/FARNSWORTH AVENUE = 50 MPH

BENCHMARK DATA

BENCHMARK #1:
CHISELED SQUARE IN SOUTH SIDE OF CONCRETE LIGHT POLE BASE AT THE NORTHEAST CORNER OF ROUTE 56 AND KIRK ROAD. LIGHT POLE IS NEAR THE SOUTHEAST CORNER OF THE BANK BUILDING AT THE END OF THE DRIVE THROUGH LANE.
ELEVATION = 742.86

BENCHMARK #2:
CHISELED SQUARE IN EAST SIDE OF CONCRETE LIGHT POLE BASE AT THE SOUTHEAST CORNER OF ROUTE 56 AND FARNSWORTH AVENUE. LIGHT POLE IS AT THE EAST SIDE OF THE ROUTE 56 ENTRANCE TO THE BP GAS STATION.
ELEVATION = 750.75

BENCHMARK #3:
RAILROAD SPIKE IN THE SOUTH SIDE OF POWER POLE ON THE SOUTH SIDE OF ROUTE 56 WEST OF FARNSWORTH AVENUE. POLE IS AT THE WEST PROPERTY LINE OF THE BP GAS STATION.
ELEVATION = 751.38

PROJECT GROSS LENGTH = PROJECT NET LENGTH:
ILLINOIS ROUTE 56 = 2,219 FT (0.42 MI)
KIRK ROAD / FARNSWORTH AVENUE = 2,539 FEET (0.48 MI)

ANTHONY P. SIMMONS
062-058414
REGISTERED PROFESSIONAL ENGINEER
OF
ILLINOIS

Anthony P. Simmons 4/9/07
ANTHONY P. SIMMONS, P.E.
NO. 062-058414
EXPIRES: 11/30/07
SMITH ENGINEERING CONSULTANTS, INC.
(EXCLUDES SHEETS 113-126)

Illinois Professional Design Firm # 184-000108
SEC GROUP, INC.
Smith Engineering Consultants · SEC Automation · SEC Planning
759 John Street, Yorkville, IL 60560
t. 630.553.7560 f. 630.553.7646
www.secgroupinc.com engineering@secgroupinc.com

DISTRICT 1 - LOCAL ROADS ENGINEER: JESSICA FELICIANO (847) 705-4487

CONTRACT NO: 83906

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

INDEX OF SHEETS

HIGHWAY STANDARDS

280001-03	TEMPORARY EROSION CONTROL SYSTEMS
406201	MAILBOX TURNOUT
424001-04	CURB RAMPS FOR SIDEWALKS
442201-02	CLASS C AND D PATCHES
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-01	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311	GRATING FOR CONCRETE FLARED END SECTION (FOR 600MM (24") THRU 1300MM (54") PIPE)
601101	CONCRETE HEADWALL FOR PIPE DRAIN
602001	CATCH BASIN, TYPE A
602301-01	INLET, TYPE A
602306-01	INLET, TYPE B
602401-01	MANHOLE, TYPE A
602501	VALVE VAULT, TYPE A
602701-01	MANHOLE STEPS
604001-02	FRAME AND LIDS, TYPE 1
604036-01	GRATE, TYPE 8
604051-02	FRAME AND GRATE, TYPE 11
604091-01	FRAME AND GRATE, TYPE 24
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-03	PC CONCRETE ISLANDS AND MEDIANS
666001	RIGHT-OF-WAY MARKERS
667101	PERMANENT SURVEY MARKERS
701001-01	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5M (15') AWAY
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 4.5M (15') TO 600MM (24") FROM PAVEMENT EDGE
701011-01	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-01	OFF-ROAD OPERATIONS, MULTILANE, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 M (15') AWAY
701326-02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEED > 45 MPH
701606-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-04	URBAN LANE CLOSURE, MULTILANE, INTERSECTION
701801-03	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-06	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006-01	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
729001	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS
814001-01	HANDHOLES
814006-01	DOUBLE HANDHOLES
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-01	TRAFFIC SIGNAL GROUNDING & BONDING
877001-02	STEEL MAST ARM ASSEMBLY AND POLE
877011-02	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
878001-05	CONCRETE FOUNDATION DETAILS
880001	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006	TRAFFIC SIGNAL MOUNTING DETAILS
886001	DETECTOR LOOP INSTALLATIONS
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

INDEX OF SHEETS AND HIGHWAY STANDARDS

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

CODE NUMBER	PAY ITEM	UNIT	QUANTITY	1000-1A	Y031-1F	Y030-1E	NON-PART.
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	76	76			
20200100	EARTH EXCAVATION	CU YD	27097	27097			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2093	2093			
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	2093	2093			
20800150	TRENCH BACKFILL	CU YD	1903	1903			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	19394	19394			
21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	3800	3800			
• 25000210	SEEDING, CLASS 2A	ACRE	3.9	3.9			
• 25000310	SEEDING, CLASS 4	ACRE	0.5	0.5			
• 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	391	391			
• 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	391	391			
• 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	391	391			
• 25100630	EROSION CONTROL BLANKET	SQ YD	20794	20794			
• 25200110	SODDING, SALT TOLERANT	SQ YD	1356				1356
• 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2005	2005			
28000300	TEMPORARY DITCH CHECKS	EACH	5	5			
28000500	INLET AND PIPE PROTECTION	EACH	9	9			
28000510	INLET FILTERS	EACH	29	29			
28100107	STONE RIPRAP, CL A4	SQ YD	158	158			
28200200	FILTER FABRIC	SQ YD	158	158			
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	1471	1471			
31101600	SUB-BASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	328	328			
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	139	139			
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	336	336			
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	15637	15637			
40600300	AGGREGATE (PRIME COAT)	TON	75	75			
40600990	TEMPORARY RAMP	SQ YD	1146	1146			
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	20323	20323			
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	54	54			
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	4119	4119			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	699	699			
42400800	DETECTABLE WARNINGS	SQ FT	62	62			
44000100	PAVEMENT REMOVAL	SQ YD	18202	18202			
44000166	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"	SQ YD	10310	10310			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2731	2731			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4824	4824			
44000600	SIDEWALK REMOVAL	SQ FT	2927	2927			
44002800	ISLAND PAVEMENT REMOVAL	SQ YD	519	519			
44004250	PAVED SHOULDER REMOVAL	SQ YD	286	286			
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	60	60			
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	51	51			
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2814	2814			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	98	98			
48203022	HOT-MIX ASPHALT SHOULDERS, 6 1/4"	SQ YD	2231	2231			
50105200	REMOVE EXISTING CULVERTS	EACH	6	6			
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	32	32			
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	462	462			

• INDICATES SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY
CHECKED BY

PLAN — NOTE BOOK, NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK, NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD — BY — DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

CODE NUMBER	PAY ITEM	UNIT	QUANTITY	1000-1A	Y031-1F	Y030-1E	NON-PART.
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	91	91			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2			
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	10	10			
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS EQUIVALENT ROUND-SIZE 30"	EACH	2	2			
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	10	10			
54248150	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 30"	EACH	2	2			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	497	497			
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	14	14			
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	818	818			
55100400	STORM SEWER REMOVAL 10"	FOOT	15	15			
55100500	STORM SEWER REMOVAL 12"	FOOT	168	168			
55100700	STORM SEWER REMOVAL 15"	FOOT	202	202			
55100900	STORM SEWER REMOVAL 18"	FOOT	202	202			
55101200	STORM SEWER REMOVAL 24"	FOOT	907	907			
56104600	WATER VALVES 2"	EACH	1				1
56106400	ADJUSTING WATER MAIN 8"	FOOT	60				60
56400100	FIRE HYDRANTS TO BE MOVED	EACH	3				3
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	9	9			
60107600	PIPE UNDERDRAINS 4"	FOOT	740	740			
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	6			
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1			
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2			
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6			
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	2	2			
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1			
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1			
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	2	2			
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	7	7			
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	1	1			
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	3	3			
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1				1
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3				3
60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1			
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	7	7			
60261540	INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	2	2			
60500040	REMOVING MANHOLES	EACH	5	5			
60500050	REMOVING CATCH BASINS	EACH	2	2			
60500060	REMOVING INLETS	EACH	11	11			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1697	1697			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	7374	7374			
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	109	109			
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	4047	4047			
60619121	CONCRETE MEDIAN, TYPE SB-6	SQ FT	8167	8167			
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	14	14			
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	5	5			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	15			

• INDICATES SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ.

DATE APR 06 2007

DRAWN BY BAH

CHECKED BY APS

PLAN — NOTE BOOK NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED — PLOTTED — CHECKED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATNS CHKD — BY — DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	5
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	H40 1000-1A	H40 Y031-1F	H40 Y030-1E	07N I000-1A NON-PART.
	67100100	MOBILIZATION	L SUM	1	1			
	70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	LSUM	1	1			
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	14	14			
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1856	1856			
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	47578	47578			
•	72000100	SIGN PANEL, TYPE 1	SQ FT	327	327			
•	72000200	SIGN PANEL, TYPE 2	SQ FT	49	49			
•	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	7	7			
•	72900100	METAL POST - TYPE A	FOOT	204	204			
•	72900200	METAL POST - TYPE B	FOOT	487	487			
•	78000100	THERMOPLASTIC PAVEMENT MARKING LINE - LETTERS AND SYMBOLS	SQ FT	983	983			
•	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5837	5837			
•	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4968	4968			
•	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	946	946			
•	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	660	660			
•	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	693	693			
•	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	573	573			
•	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1380	1380			
•	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	2564	2564			
•	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	309	309			
•	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	298	298			
•	78300100	PAVEMENT MARKING REMOVAL	SQ FT	13071	13071			
•	XX006937	GROUND ROD, 5/8" X 10 FT.	EACH	56			56	
•	81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1776		1776		
•	81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	118		118		
•	81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	63		63		
•	81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	177		177		
•	81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	20		20		
•	81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	473		473		
•	81018700	CONDUIT PUSHED, 3" DIA. GALVANIZED STEEL	FOOT	954			954	
•	81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	756		756		
•	81400100	HANDHOLE	EACH	5		5		
•	81400200	HEAVY-DUTY HANDHOLE	EACH	4		4		
•	81400300	DOUBLE HANDHOLE	EACH	3		3		
•	81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	4770			4770	
•	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	6628		2067	4561	
•	82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	64			64	
•	83050810	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	24			24	
•	83057350	LIGHT POLE, WOOD, 60 FOOT, CLASS 4	EACH	1			1	
•	83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	28			28	
•	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	240			240	
•	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	24			24	
•	84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	9			9	
•	84200700	LIGHTING FOUNDATION REMOVAL	EACH	9			9	
•	85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1		1		
•	86400100	TRANSCEIVER - FIBER OPTIC	EACH	1		1		
•	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	698		698		
•	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2307		980		1327

• INDICATES SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ.

DATE APR 06 2007

DRAWN BY BAH

CHECKED BY APS

PLAN — NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD — BY — DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	1000-1A	Y031-1F	Y030-1E	NON-PART.
•	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4878		4878		
•	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2087		2087		
•	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	8521		8521		
•	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	33		33		
•	87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1		1		
•	87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1		1		
•	87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1		1		
•	87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1		1		
•	87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1		1		
•	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1		1		
•	87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	2		2		
•	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4		4		
•	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4		
•	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	13.5		13.5		
•	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	79		79		
•	87900200	DRILL EXISTING HANDHOLE	EACH	1		1		
•	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	14		14		
•	88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1		1		
•	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1		
•	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4		4		
•	88100200	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2		2		
•	88100400	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	1		1		
•	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	18		18		
•	88500100	INDUCTIVE LOOP DETECTOR	EACH	23		23		
•	88600100	DETECTOR LOOP, TYPE I	FOOT	1551		1551		
•	88700200	LIGHT DETECTOR	EACH	4				4
•	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1				1
•	88800100	PEDESTRIAN PUSH-BUTTON	EACH	3		3		
•	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1		
•	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1		
•	89502380	REMOVE EXISTING HANDHOLE	EACH	10		10		
•	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5		5		
•	A2000620	TREE, ACER PLATANOIDES (NORWAY MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8				8
•	A2004514	TREE, GINKO BILBOA AUTUMN GOLD (AUTUMN GOLD GINKO), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2				2
•	A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5				5
•	E20240P3	VINE-POLYGONUM REYNOUTRIA (DWARF FLEECE FLOWER), 3" POT	EACH	4394				4394
•	X0321994	UNIT DUCT, WITH 4-1/C NO. 4 AND 1/C NO. 6 GROUND, 600V (EPR-TYPE RHW), 1 1/2" DIA., POLYETHYLENE	FOOT	5680			5680	
•	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	500	500			
•	X0322696	MAST ARM, STEEL, STREET LIGHTING, 15 FT.	EACH	7			7	
•	X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3209		3209		
•	X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	13			13	
	X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	2353	2353			
	X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	7059	7059			
•	X0324007	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1		1		
•	X0324196	LIMESTONE MASONRY	CU YD	18				18
•	X0324387	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	28			28	

• INDICATES SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ.
DATE APR 06 2007
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4/10/2007

	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	1000-1A	Y031-1F	Y030-1E	NON-PART.
•	X0325105	IRRIGATION SYSTEM	SQ YD	1356				1356
	X0355800	STORM SEWER WATER MAIN 24"	FOOT	525	525			
	X0712400	TEMPORARY PAVEMENT	SQ YD	328	328			
	X0930400	STORM SEWER WATER MAIN 12"	FOOT	593	593			
	X0930500	STORM SEWER WATER MAIN 18"	FOOT	258	258			
	X0930600	STORM SEWER WATER MAIN 30"	FOOT	208	208			
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	2	2			
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2	2			
•	X7030104	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH	FOOT	100186	100186			
•	X7030106	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH	FOOT	20486	20486			
•	X7030120	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS	SQ FT	3957	3957			
•	X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	1		1		
•	X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3209		3209		
•	X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1434		1434		
•	XX003196	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER' (1 GAL)	EACH	915				915
•	XX003273	SEDUM 'AUTUMN JOY' (1 GAL)	EACH	693				693
	XX005656	INLET FILTER CLEANING	EACH	87	87			
•	XX005660	ELECTRIC CABLE IN CONDUIT, NO. 20 3C TWISTED SHIELD	FOOT	1327				1327
•	XX006257	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	192	192			
•	XX006326	TYPE K COPPER PIPE 2"	FOOT	37				37
•	XX006327	WATER METER 2"	EACH	1				1
•	XX006328	RPZ BACKFLOW PREVENTER	EACH	1				1
•	XX006661	UNINTERRUPTABLE POWER SUPPLY	EACH	1		1		
	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	29709	29709			
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
△	Z0076600	TRAINEES	HOUR	1500	1500			
•	XX006958	SIGNAL HEAD, LED, 3-FACE, 1-3 SECTION, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1		1		
•	XX006959	TEMPORARY TRAFFIC SIGNAL TIMINGS	EACH	1		1		

△ Y080
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ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007"; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JANUARY 1, 2007"; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "AMERICAN NATIONAL STANDARD PRACTICE FOR ROADWAY LIGHTING, IES/IESNA RP-8"; THE LATEST EDITION OF THE "NATIONAL ELECTRICAL CODE"; THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS"; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO A STANDARD THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO MEAN THE LATEST EDITION OF THAT STANDARD AS PUBLISHED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE APPLICATION OF TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS AND THE PLANS.

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION, KANE COUNTY, AND THE CITY OF AURORA IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE STATE, COUNTY, OR CITY WITHIN THE DURATION OF THE CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVENTHOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.

THE OFFSETS FOR DRAINAGE STRUCTURES WITHIN THE CURB ARE MEASURED TO THE EDGE OF PAVEMENT. THE OFFSETS FOR ALL OTHER DRAINAGE STRUCTURES ARE MEASURED TO THE CENTER OF THE STRUCTURE.

ALL ELEVATIONS ARE ON U.S.G.S. DATUM.

SEWER AND WATER MAINS

ANY LOOSE MATERIAL DEPOSITED IN THE FLOWLINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN AN OPERATING CONDITION, TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY THE EXISTING DRAINAGE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

THE COST OF INTERCONNECTIONS BETWEEN THE PROPOSED AND EXISTING SEWER SYSTEMS AND PROPOSED AND EXISTING WATER MAIN SYSTEMS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE PROPOSED SYSTEM.

ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY OF THE STATE, COUNTY, OR CITY, AS APPLICABLE. ANY ITEMS DAMAGED DURING REMOVAL OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE COST OF SALVAGING EXISTING FRAMES, GRATES, LIDS, OR BOXES AND/OR STOCKPILING THEM ON THE JOB SITE FOR PICK-UP BY THE STATE, COUNTY, OR CITY OR DELIVERY TO THE STATE, COUNTY, OR CITY MAINTENANCE YARD SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SEWERS AND WATER MAINS (CONT.)

ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT SHALL HAVE ONE OF THE FOLLOWING WORDS CAST INTO THE LID: "STORM" (FOR STORM SEWER STRUCTURES), "SANITARY" (FOR SANITARY SEWER STRUCTURES), OR "WATER" (FOR WATER SYSTEM STRUCTURES). ANY ADDITIONAL COST FOR THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE FRAMES AND CLOSED LIDS PROVIDED.

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION AND CROSS SLOPE OF THE AREA IN WHICH THEY ARE LOCATED.

THE CONTRACTOR SHALL CONTACT THE CITY OF AURORA DEPARTMENT OF PUBLIC WORKS A MINIMUM OF 48 HOURS PRIOR TO ANY DISRUPTION IN WATER SERVICE.

BACKFILL

STORM SEWER, WATER MAIN, AND SANITARY SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY, OR AS DIRECTED BY THE ENGINEER.

ALL TRENCH BACKFILL QUANTITIES FOR STORM AND SANITARY SEWER AND WATER MAIN HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE.

SIGNING

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR, ENGINEER, AND KANE COUNTY DIVISION OF TRANSPORTATION MAINTENANCE PERSONNEL SHALL INVENTORY THE LOCATION, SIZE, TYPE, AND CONDITION OF ALL EXISTING SIGNS. ANY SIGN DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ALL SIGNS SHALL BE ERECTED IN STRICT CONFORMANCE WITH SECTION 720 OF THE STANDARD SPECIFICATIONS AND BY A CONTRACTOR PREQUALIFIED IN SIGNING WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION. TO ENSURE THIS OPERATION IS PERFORMED CORRECTLY THERE WILL BE A WALKTHROUGH ON THE JOB WITH THE ENGINEER AND KANE COUNTY DIVISION OF TRANSPORTATION MAINTENANCE PERSONNEL AS PART OF THE OVERALL PUNCH LIST.

ALL PROPOSED SIGNS ALONG KIRK ROAD WILL BE INSTALLED BY KANE COUNTY DIVISION OF TRANSPORTATION MAINTENANCE PERSONNEL. THE CONTRACTOR SHALL PROVIDE A 10" X 10" BLOCKOUT FOR SIGN PLACEMENT WITHIN THE BARRIER MEDIAN. THE BLOCKOUT SHALL EXTEND THE FULL DEPTH OF THE MEDIAN (SEE SIGNING PLAN FOR LOCATIONS).

ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:

1. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
2. THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
3. ALL SIGNS SHALL BE INSTALLED OR RELOCATED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. THIS WORK SHALL BE PAID FOR USING THE APPROPRIATE PAY ITEMS.
4. ALL REMOVED SIGNS SHALL BE RETURNED TO THE STATE, COUNTY, OR CITY AS APPLICABLE.
5. LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.

PAVEMENT MARKING

TWO WEEKS PRIOR TO PLACEMENT OF THE PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT MR. DON CHIARUGI (AREA TRAFFIC FIELD ENGINEER) AT (847) 741-9857.

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

GENERAL NOTES

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	9
STA.	TO STA.			
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CONTRACT NO. 83906

SEDIMENTATION AND EROSION CONTROL

SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS, AND THE USE OF TEMPORARY AND PERMANENT MEASURES.

SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

CLASS 2A SEEDING, FERTILIZER, AND EROSION CONTROL BLANKET SHALL BE APPLIED ON ALL DISTURBED AREAS IN ACCORDANCE WITH SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.

DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF THE ACTIVE HYDROLOGIC DISTURBANCE, OR REDISTURBANCE IN ACCORDANCE WITH SECTIONS 250 AND 280 OF THE STANDARD SPECIFICATIONS.

AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN 3H:1V SHALL BE STABILIZED WITH SOD, MAT, OR BLANKET IN COMBINATION WITH SEEDING.

ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.

EROSION CONTROL SYSTEMS SHALL BE INSPECTED WEEKLY AND IMMEDIATELY FOLLOWING ANY STORM HAVING A RAINFALL EQUAL TO ONE-HALF INCH OR GREATER. ANY REQUIRED REPAIRS TO THE EROSION CONTROL SYSTEMS SHALL BE MADE IMMEDIATELY. ANY SILTATION OF CULVERTS, STRUCTURES, OR DITCHES SHALL BE CLEANED AND MAINTAINED BY THE CONTRACTOR UNTIL SEEDING HAS TAKEN HOLD. ALL WASHOUTS, GULLIES, ETC. WILL BE REGRADED AND RESEEDED BY THE CONTRACTOR. THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED AS DIRECTED BY THE ENGINEER.

ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY, OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT OR AS DIRECTED BY THE ENGINEER AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES.

IF DE-WATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).

THE EROSION CONTROL MEASURES INDICATED IN THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

MISCELLANEOUS

THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS, EXISTING DRIVEWAY ACCESS, AND PEDESTRIAN ACCESS TO EACH ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE CONTRACT.

WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, THE CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS AND ELEVATIONS PRIOR TO PROCEEDING WITH CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.

TYPE I AND TYPE II BARRICADES SHALL BE WEIGHTED DOWN WITH TWO SANDBAGS EACH.

THE CONTRACTOR SHALL PREPARE THE SUBGRADE IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS PRIOR TO THE REMOVAL OF ANY UNSUITABLE MATERIALS.

ALL FILL WIDENING SHALL BE BENCHED IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE, COUNTY, OR CITY PROPERTY WITHOUT WRITTEN CONSENT FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION, KANE COUNTY, OR THE CITY OF AURORA, RESPECTIVELY.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

THE REMOVAL OF AGGREGATE SHOULDERS AND ENTRANCES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR "EARTH EXCAVATION."

SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS LISTED IN SECTION 440 OF THE STANDARD SPECIFICATIONS, SHOWN IN THE PLANS, AND AS DIRECTED BY THE ENGINEER. THE COST OF SAW CUTTING WILL BE INCLUDED IN CONTRACT UNIT BID PRICES FOR THE ITEMS BEING REMOVED.

ADDITIONAL PAVEMENT REMOVAL WILL BE REQUIRED IN AREAS WHERE THE PROPOSED PAVEMENT WIDENING IS LESS THAN 2' IN ORDER TO OBTAIN THE REQUIRED COMPACTION WITHIN THE PROPOSED WIDENING AREA. ADEQUATE QUANTITIES HAVE BEEN PROVIDED.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	SBS/SBR PG 70-22	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	SBS/SBR PG 70-22	4% @ 90 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm)	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm)	PG 64-22 •	4% @ 50 GYR.
CLASS D PATCHES (HMA BINDER IL-19 mm)	PG 64-22 •	4% @ 70 GYR.
HOT-MIX ASPHALT SHOULDERS	PG 64-22 •	2% @ 30 GYR.
TEMPORARY PAVEMENT (HMA BINDER IL-19 mm) ••	PG 64-22 •	4% @ 50 GYR.
TEMPORARY RAMP (HMA BINDER IL-19 mm)	PG 64-22 •	4% @ 50 GYR.

NOTE:
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SY/IN.

• WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

•• CONSTRUCTED OF HOT-MIX ASPHALT BASE COURSE 9".

ILLINOIS DEPARTMENT OF TRANSPORTATION

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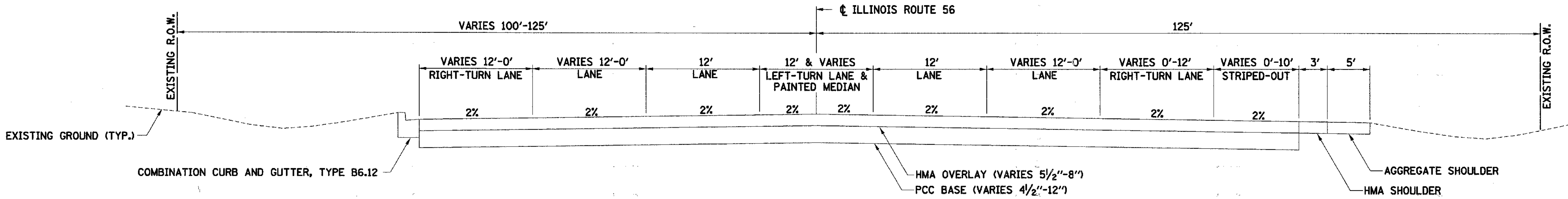
DRAWN BY BAH
CHECKED BY APS

PLAN: NOTE BOOK, NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.O.W. CHECKED, CADD FILE NAME — BY — DATE

PROFILE: NOTE BOOK, NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD — BY — DATE

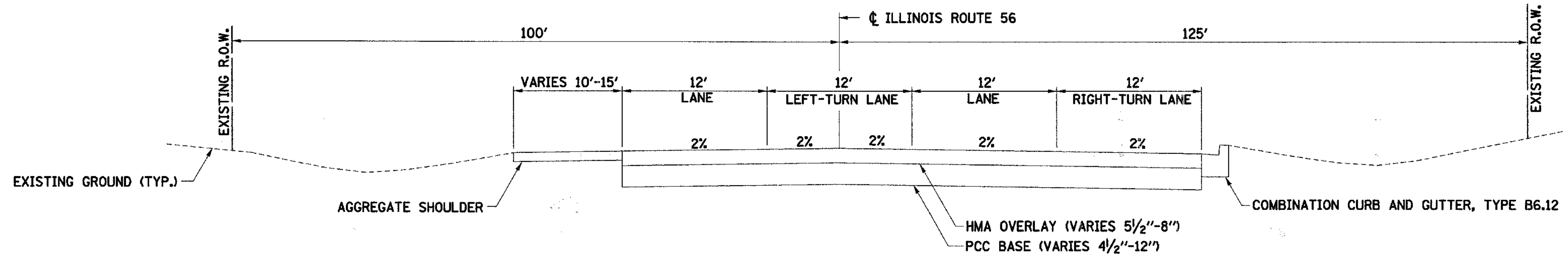
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

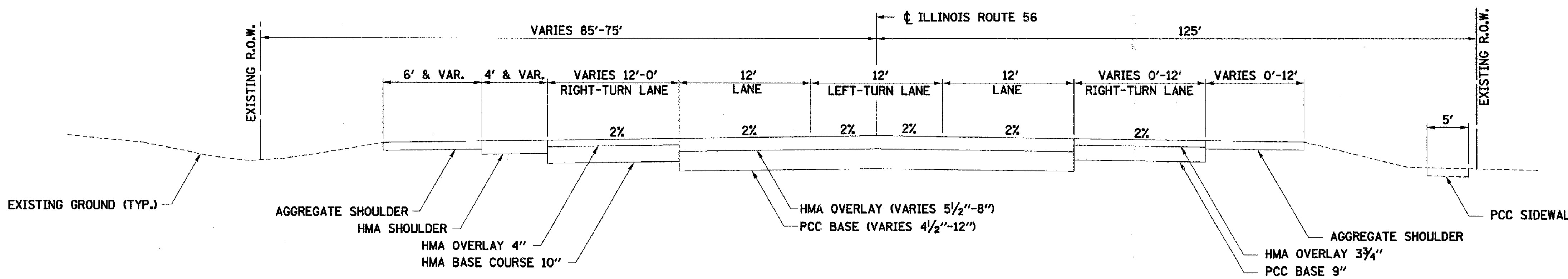


EXISTING ILLINOIS ROUTE 56 TYPICAL SECTION
STA. 215+36.50 TO STA. 220+40.00

NOTE:
THE ABOVE TYPICAL SECTION IS TO BE CONSTRUCTED AS PART OF THE TMK AURORA VENTURE IMPROVEMENTS AT CHURCH ROAD. CONSTRUCTION ON THOSE IMPROVEMENTS IS SCHEDULED TO BEGIN SPRING 2007.

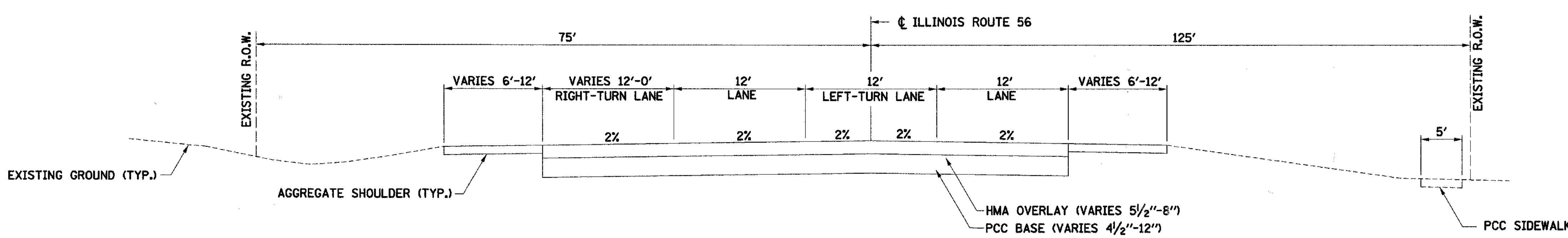


EXISTING ILLINOIS ROUTE 56 TYPICAL SECTION
STA. 220+40.00 TO STA. 223+73.84



EXISTING ILLINOIS ROUTE 56 TYPICAL SECTION
STA. 223+73.84 TO STA. 234+00.00

NOTE:
COMBINATION CURB AND GUTTER, TYPE B6.12 EXISTS ALONG THE WESTBOUND RIGHT-TURN LANE BETWEEN STA. 224+94 AND STA. 226+65 AND ALSO ALONG THE EASTBOUND RIGHT-TURN LANE BETWEEN STA. 225+95 AND STA. 226+70.



EXISTING ILLINOIS ROUTE 56 TYPICAL SECTION
STA. 234+00.00 TO STA. 237+55.00

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

EXISTING TYPICAL SECTIONS

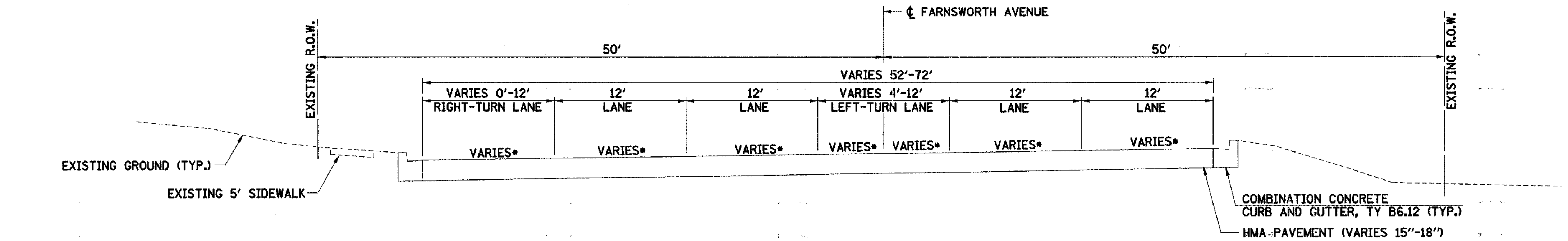
SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN — NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.T. OF WAY CHECKED, CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD — BY — DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

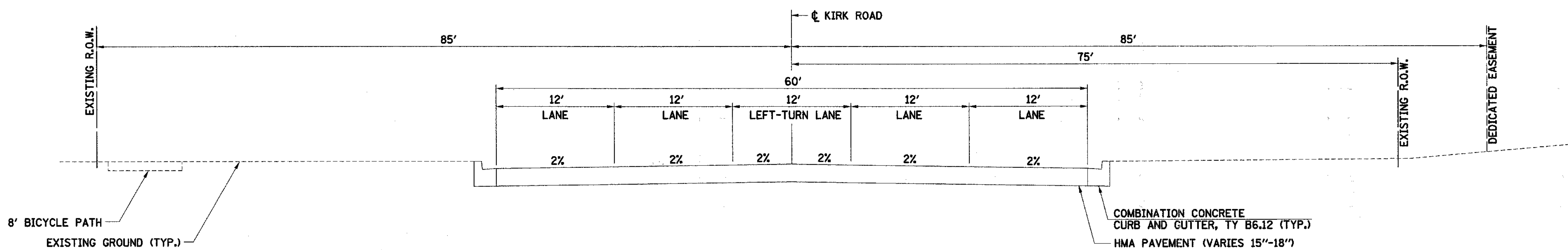
CONTRACT NO. 83906



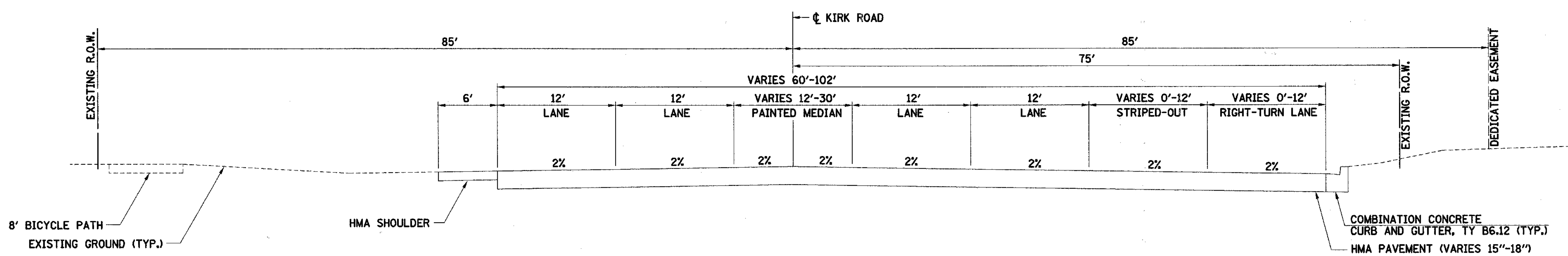
EXISTING FARNSWORTH AVENUE TYPICAL SECTION
STA. 115+05.00 TO STA. 126+52.40

• SUPERELEVATION TRANSITION - STA. 113+00.00 TO STA. 126+52.40 (CROSS-SLOPE VARIES FROM NORMAL CROWN TO 5.0% SUPERELEVATION).

NOTE:
EXISTING SIDEWALK ONLY EXTENDS ALONG GAS STATION FRONTAGE IN SOUTHWEST CORNER OF INTERSECTION.

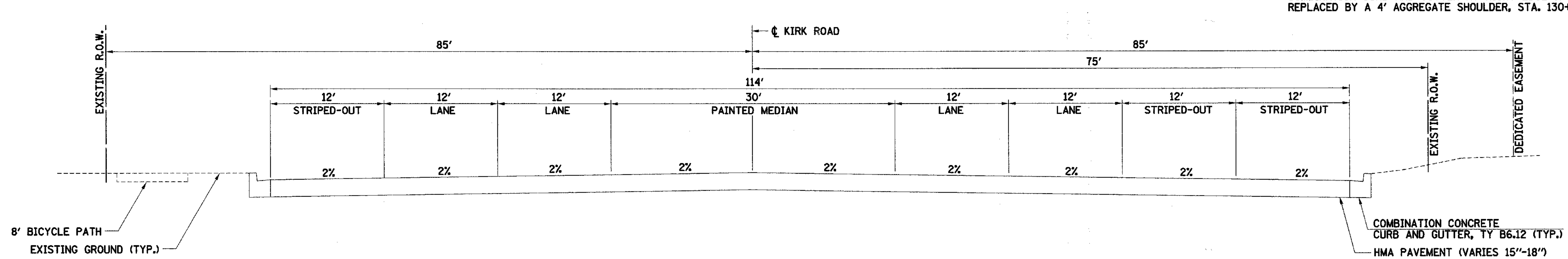


EXISTING KIRK ROAD TYPICAL SECTION
STA. 126+52.40 TO STA. 129+15.00



EXISTING KIRK ROAD TYPICAL SECTION
STA. 129+15.00 TO STA. 132+48.50

NOTE:
COMBINATION CURB AND GUTTER AT RIGHT EDGE-OF-PAVEMENT IS REPLACED BY A 4' AGGREGATE SHOULDER, STA. 130+25 TO STA. 132+48.50.



EXISTING KIRK ROAD TYPICAL SECTION
STA. 132+48.50 TO STA. 135+55.00

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

EXISTING TYPICAL SECTIONS

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

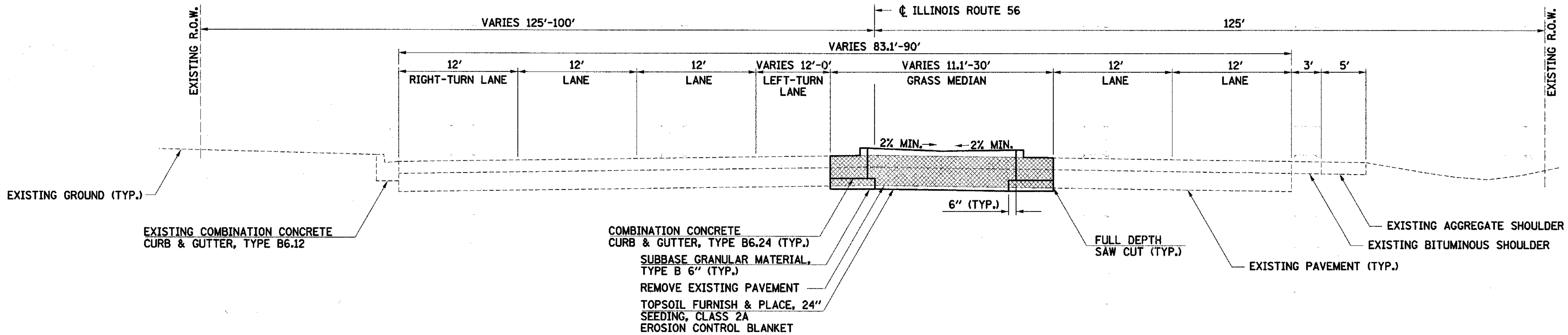
PLAN: NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME — BY — DATE

PROFILE: NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHK'D — BY — DATE

4/7/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



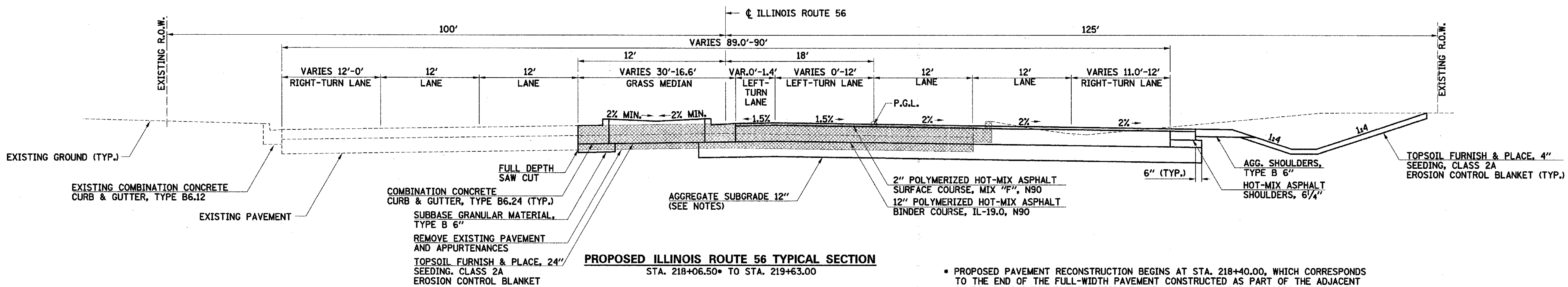
PROPOSED ILLINOIS ROUTE 56 TYPICAL SECTION
STA. 215+36.50 TO STA. 218+06.50

NOTES:

1. ADDITIONAL UNDERCUTS SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS AND REPLACED WITH POROUS GRANULAR EMBANKMENT, SUBGRADE.

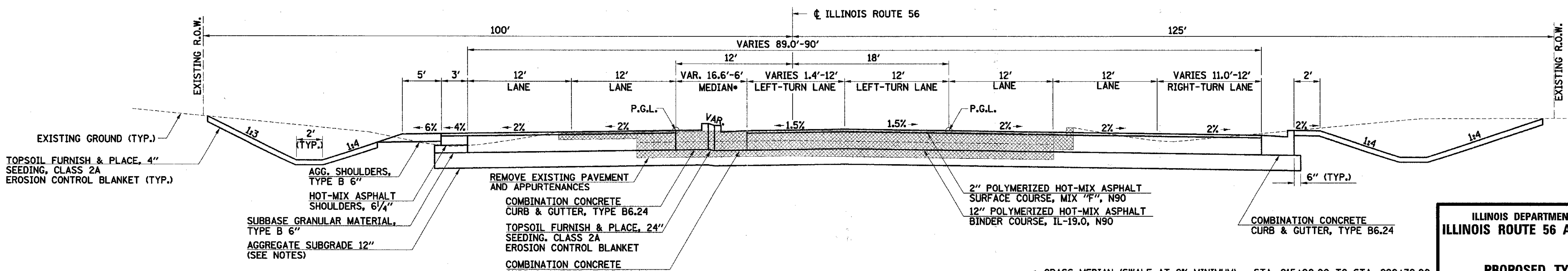
   STA. 220+75 TO STA. 222+25 (12")
   STA. 222+25 TO STA. 223+75 (6")
   STA. 225+75 TO STA. 227+25 (6")
   STA. 228+75 TO STA. 230+25 (6")
   STA. 231+75 TO STA. 237+55 (6")

2. ALL UNDERCUT AREAS SHALL BE JUSTIFIED AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR. A CONE PENETROMETER SHALL BE USED TO TEST THE SUBGRADE AND THE IDOT SUBGRADE STABILITY MANUAL SHALL BE FOLLOWED. ANY POROUS GRANULAR EMBANKMENT NOT NEEDED AT THE TIME OF CONSTRUCTION WILL BE DELETED FROM THE CONTRACT (SEE SPECIAL PROVISIONS).



PROPOSED ILLINOIS ROUTE 56 TYPICAL SECTION
STA. 218+06.50• TO STA. 219+63.00

• PROPOSED PAVEMENT RECONSTRUCTION BEGINS AT STA. 218+40.00, WHICH CORRESPONDS TO THE END OF THE FULL-WIDTH PAVEMENT CONSTRUCTED AS PART OF THE ADJACENT CHURCH ROAD IMPROVEMENTS. PRIOR TO STA. 218+40.00, THE PROPOSED IMPROVEMENTS CONSIST OF NEW BARRIER MEDIAN AND STRIPING MODIFICATIONS (SEE PLAN AND PROFILES).



PROPOSED ILLINOIS ROUTE 56 TYPICAL SECTION
STA. 219+63.00 TO STA. 223+73.84

LEGEND
PAVEMENT REMOVAL

• GRASS MEDIAN (SWALE AT 2% MINIMUM) - STA. 215+00.00 TO STA. 220+39.00
CONCRETE MEDIAN, TYPE SB-6 - STA. 220+39.00 TO STA. 222+86.55.
AGGREGATE SUBGRADE 12" SHALL BE PROVIDED FOR ALL SB-6 MEDIANS.

•• ADJACENT TO DUAL LEFT-TURN LANES STORAGE BAY TYPE B6.12 SHALL BE USED.

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

PROPOSED TYPICAL SECTIONS

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
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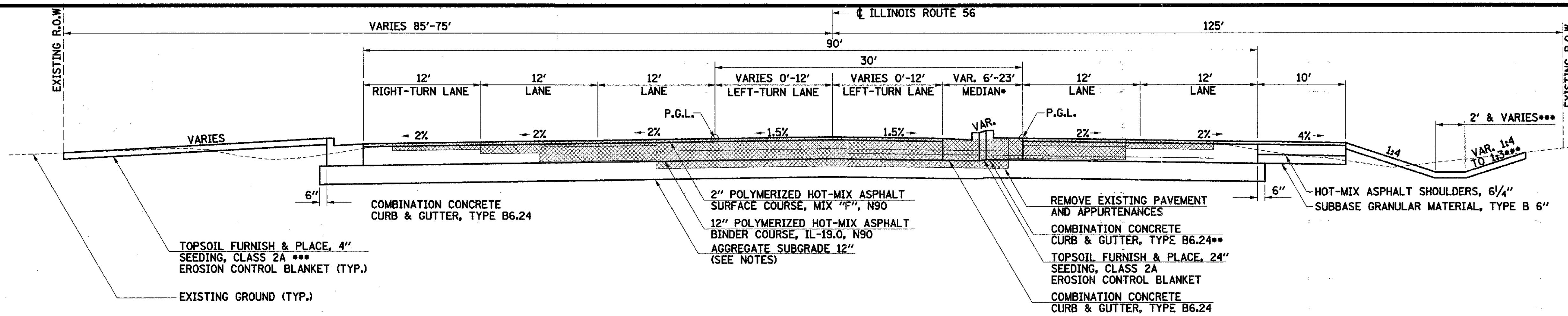
PLAN | NOTE BOOK NO. | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | BY | DATE

PROFILE | NOTE BOOK NO. | SURVEYED | PLOTTED | GRADES CHECKED | B.M. NOTED | STRUCTURE NOTATIONS CHK'D | BY | DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



PROPOSED ILLINOIS ROUTE 56 TYPICAL SECTION
STA. 223+73.84 TO STA. 228+40.00

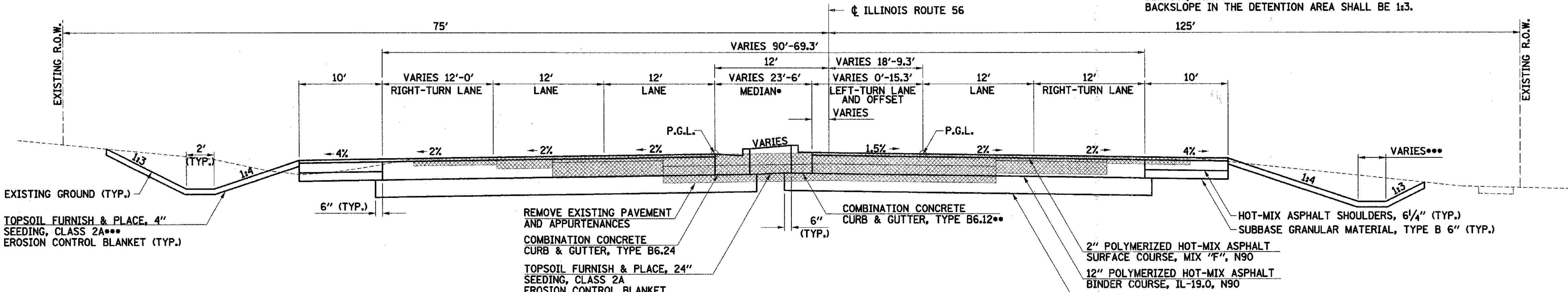
- • CONCRETE MEDIAN, TYPE SB-6 - STA. 224+55.00 TO STA. 227+03.00. GRASS MEDIAN (SWALE AT 2% MINIMUM) - STA. 227+03.00 TO STA. 228+40.00. AGGREGATE SUBGRADE 12" SHALL BE PROVIDED FOR ALL SB-6 MEDIANS.
- •• ADJACENT TO DUAL LEFT-TURN LANES STORAGE BAY TYPE B6.12 SHALL BE USED.
- •••SEE GRADING PLAN FOR DETENTION AREA (STA. 228+00 TO STA. 232+75). SEEDING, CLASS 4 SHALL BE PROVIDED IN BOTTOM OF THE DETENTION AREA. BACKSLOPE IN THE DETENTION AREA SHALL BE 1:3.

NOTES:

1. ADDITIONAL UNDERCUTS SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS AND REPLACED WITH POROUS GRANULAR EMBANKMENT, SUBGRADE.

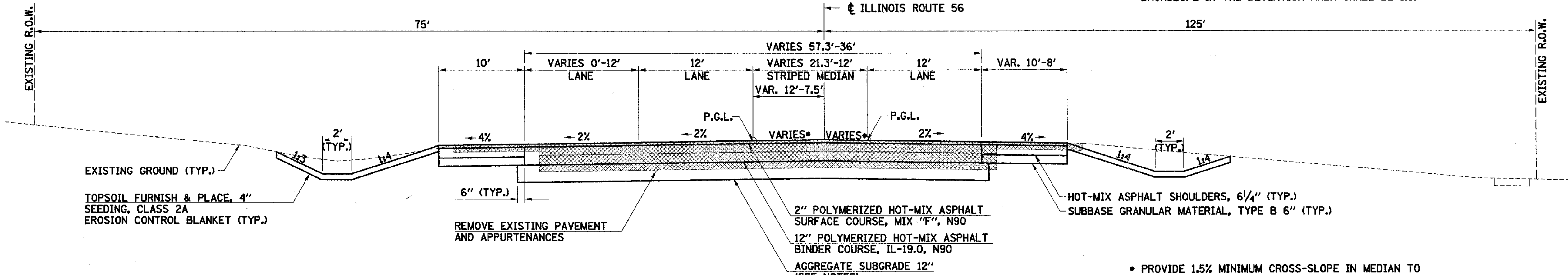
   STA. 220+75 TO STA. 222+25 (12")
   STA. 222+25 TO STA. 223+75 (6")
   STA. 225+75 TO STA. 227+25 (6")
   STA. 228+75 TO STA. 230+25 (6")
   STA. 231+75 TO STA. 237+55 (6")

2. ALL UNDERCUT AREAS SHALL BE JUSTIFIED AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR. A CONE PENETROMETER SHALL BE USED TO TEST THE SUBGRADE AND THE IDOT SUBGRADE STABILITY MANUAL SHALL BE FOLLOWED. ANY POROUS GRANULAR EMBANKMENT NOT NEEDED AT THE TIME OF CONSTRUCTION WILL BE DELETED FROM THE CONTRACT (SEE SPECIAL PROVISIONS).



PROPOSED ILLINOIS ROUTE 56 TYPICAL SECTION
STA. 228+40.00 TO STA. 232+75.00

- • GRASS MEDIAN (SWALE AT 2% MINIMUM) - STA. 228+40.00 TO STA. 230+45.00. CONCRETE MEDIAN, TYPE SB-6 - STA. 230+45.00 TO STA. 232+75.00. AGGREGATE SUBGRADE 12" SHALL BE PROVIDED FOR ALL SB-6 MEDIANS.
- •• ADJACENT TO EASTBOUND LEFT-TURN LANE STORAGE BAY ONLY. OTHERWISE TYPE B6.24 SHALL BE USED.
- •••SEE GRADING PLAN FOR DETENTION AREA (STA. 228+00 TO STA. 232+75). SEEDING, CLASS 4 SHALL BE PROVIDED IN BOTTOM OF THE DETENTION AREA. BACKSLOPE IN THE DETENTION AREA SHALL BE 1:3.



- • PROVIDE 1.5% MINIMUM CROSS-SLOPE IN MEDIAN TO MAINTAIN DRAINAGE.

PROPOSED ILLINOIS ROUTE 56 TYPICAL SECTION
STA. 232+75.00 TO STA. 237+55.00

LEGEND

PAVEMENT REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

PROPOSED TYPICAL SECTIONS

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
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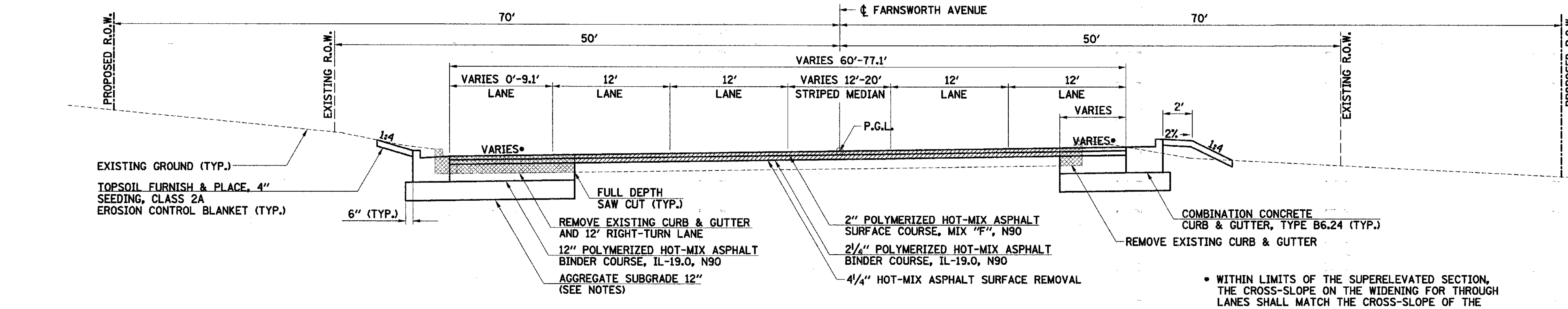
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

NOTES:

1. PRIOR TO PLACEMENT OF THE BINDER COURSE, STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE APPLIED ALONG THE PAVEMENT WIDENING JOINT.
2. ADDITIONAL UNDERCUTS SHALL BE PROVIDED IN THE FOLLOWING LOCATION AND REPLACED WITH POROUS GRANULAR EMBANKMENT, SUBGRADE.

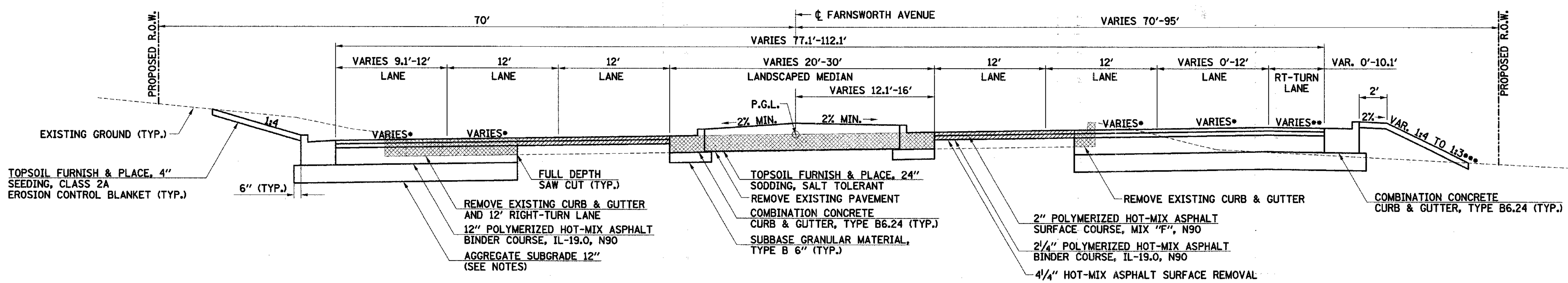
   STA. 131+25 TO STA. 132+48.50 (6")
3. ALL UNDERCUT AREAS SHALL BE JUSTIFIED AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR. A CONE PENETROMETER SHALL BE USED TO TEST THE SUBGRADE AND THE IDOT SUBGRADE STABILITY MANUAL SHALL BE FOLLOWED. ANY POROUS GRANULAR EMBANKMENT NOT NEEDED AT THE TIME OF CONSTRUCTION WILL BE DELETED FROM THE CONTRACT (SEE SPECIAL PROVISIONS).



• WITHIN LIMITS OF THE SUPERELEVATED SECTION, THE CROSS-SLOPE ON THE WIDENING FOR THROUGH LANES SHALL MATCH THE CROSS-SLOPE OF THE ADJACENT EXISTING PAVEMENT.

PROPOSED FARNSWORTH AVENUE TYPICAL SECTION

STA. 115+05.00 TO STA. 118+09.03



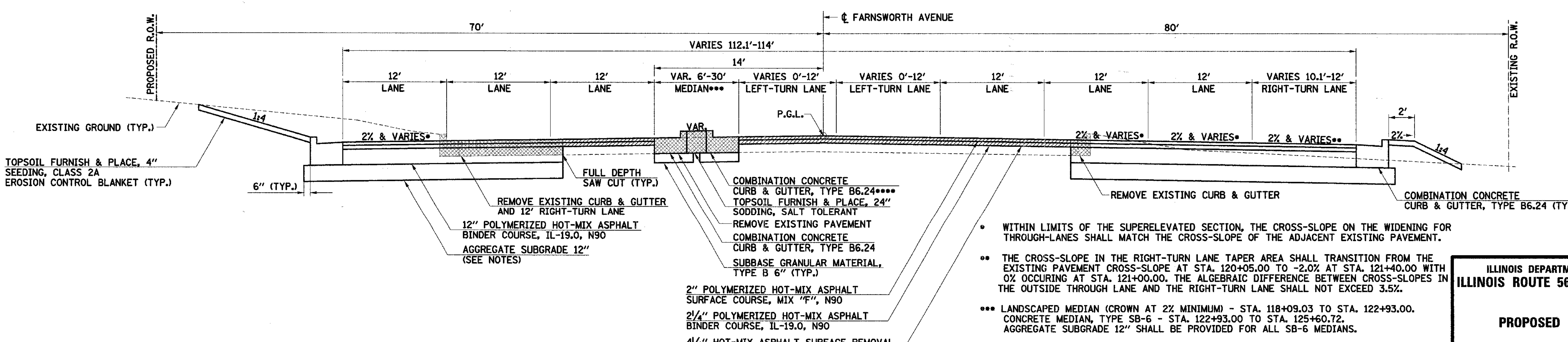
PROPOSED FARNSWORTH AVENUE TYPICAL SECTION

STA. 118+09.03 TO STA. 121+13.70

• WITHIN LIMITS OF THE SUPERELEVATED SECTION, THE CROSS-SLOPE ON THE WIDENING FOR THROUGH-LANES SHALL MATCH THE CROSS-SLOPE OF THE ADJACENT EXISTING PAVEMENT.

•• THE CROSS-SLOPE IN THE RIGHT-TURN LANE TAPER AREA SHALL TRANSITION FROM THE EXISTING PAVEMENT CROSS-SLOPE AT STA. 120+05.00 TO -2.0% AT STA. 121+40.00 WITH 0% OCCURING AT STA. 121+00.00. THE ALGEBRAIC DIFFERENCE BETWEEN CROSS-SLOPES IN THE OUTSIDE THROUGH LANE AND THE RIGHT-TURN LANE SHALL NOT EXCEED 3.5%.

•••SLOPE MAY BE INCREASED FROM 1:4 TO 1:3 IF NECESSARY TO STAY WITHIN THE RIGHT-OF-WAY.



PROPOSED FARNSWORTH AVENUE TYPICAL SECTION

STA. 121+13.70 TO STA. 126+09.71

• WITHIN LIMITS OF THE SUPERELEVATED SECTION, THE CROSS-SLOPE ON THE WIDENING FOR THROUGH-LANES SHALL MATCH THE CROSS-SLOPE OF THE ADJACENT EXISTING PAVEMENT.

•• THE CROSS-SLOPE IN THE RIGHT-TURN LANE TAPER AREA SHALL TRANSITION FROM THE EXISTING PAVEMENT CROSS-SLOPE AT STA. 120+05.00 TO -2.0% AT STA. 121+40.00 WITH 0% OCCURING AT STA. 121+00.00. THE ALGEBRAIC DIFFERENCE BETWEEN CROSS-SLOPES IN THE OUTSIDE THROUGH LANE AND THE RIGHT-TURN LANE SHALL NOT EXCEED 3.5%.

••• LANDSCAPED MEDIAN (CROWN AT 2% MINIMUM) - STA. 118+09.03 TO STA. 122+93.00. CONCRETE MEDIAN, TYPE SB-6 - STA. 122+93.00 TO STA. 125+60.72. AGGREGATE SUBGRADE 12" SHALL BE PROVIDED FOR ALL SB-6 MEDIANS.

••••ADJACENT TO DUAL LEFT-TURN LANES STORAGE BAY TYPE B6.12 SHALL BE USED.

LEGEND

PAVEMENT REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

PROPOSED TYPICAL SECTIONS

SCALE: VERT. HORIZ.

DATE APR 06 2007

DRAWN BY BAH

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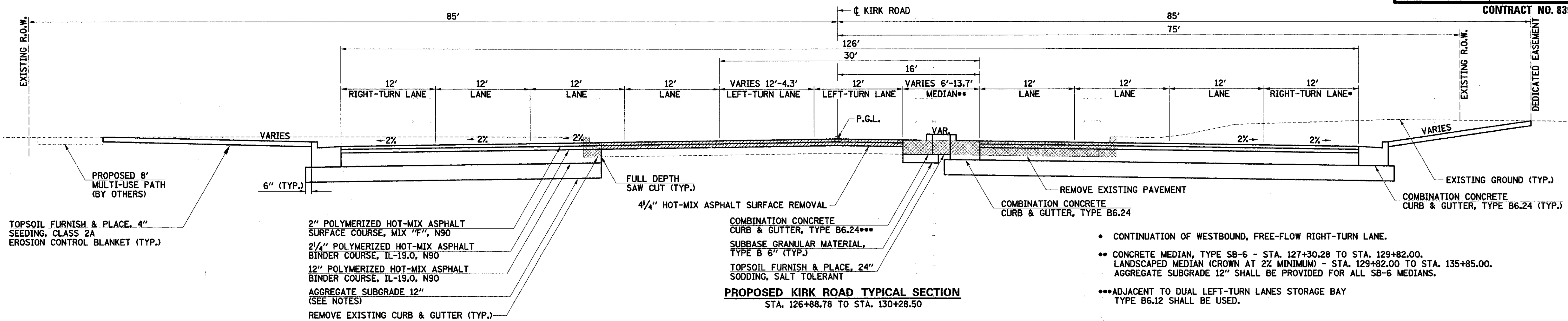
PROFILE | NOTE BOOK NO. | SURVEYED | PLOTTED | GRADES CHECKED | B.M. NOTED | STRUCTURE NOTATIONS CHKD | BY | DATE

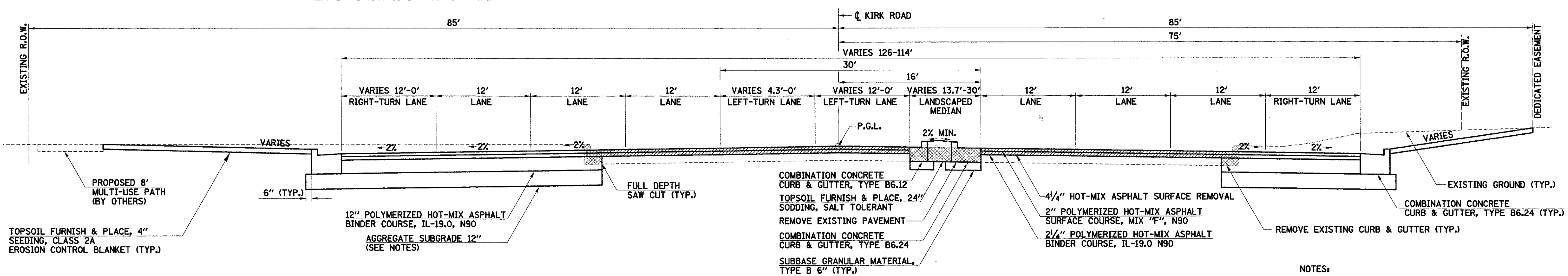
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



PROPOSED KIRK ROAD TYPICAL SECTION
STA. 126+88.78 TO STA. 130+28.50

- • CONTINUATION OF WESTBOUND, FREE-FLOW RIGHT-TURN LANE.
- •• CONCRETE MEDIAN, TYPE SB-6 - STA. 127+30.28 TO STA. 129+82.00. LANDSCAPED MEDIAN (CROWN AT 2% MINIMUM) - STA. 129+82.00 TO STA. 135+85.00. AGGREGATE SUBGRADE 12" SHALL BE PROVIDED FOR ALL SB-6 MEDIANS.
- ••• ADJACENT TO DUAL LEFT-TURN LANES STORAGE BAY TYPE B6.12 SHALL BE USED.

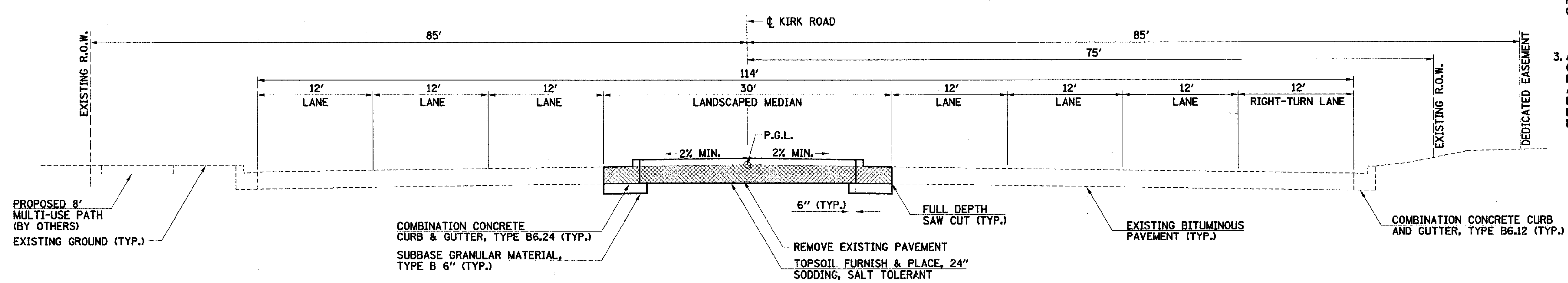


PROPOSED KIRK ROAD TYPICAL SECTION
STA. 130+28.50 TO STA. 132+48.50

NOTES:

1. PRIOR TO PLACEMENT OF THE BINDER COURSE, STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE APPLIED ALONG THE PAVEMENT WIDENING JOINT.
2. ADDITIONAL UNDERCUTS SHALL BE PROVIDED IN THE FOLLOWING LOCATION AND REPLACED WITH POROUS GRANULAR EMBANKMENT, SUBGRADE.

   STA. 131+25 TO STA. 132+48.50 (6")
3. ALL UNDERCUT AREAS SHALL BE JUSTIFIED AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR. A CONE PENETROMETER SHALL BE USED TO TEST THE SUBGRADE AND THE IDOT SUBGRADE STABILITY MANUAL SHALL BE FOLLOWED. ANY POROUS GRANULAR EMBANKMENT NOT NEEDED AT THE TIME OF CONSTRUCTION WILL BE DELETED FROM THE CONTRACT (SEE SPECIAL PROVISIONS).



EXISTING KIRK ROAD TYPICAL SECTION
STA. 132+48.50 TO STA. 135+55.00

LEGEND

PAVEMENT REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

PROPOSED TYPICAL SECTIONS

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

TREE REMOVAL

UNITS	LOCATION		
	ILLINOIS ROUTE 56		
8	221+50.50	89'	RT
10	221+74.32	69'	RT
6	222+08.74	81'	RT
8	222+61.86	82'	RT
8	222+88.88	104'	RT
	KIRK ROAD		
6	128+05.09	55'	RT
6	128+29.69	48'	RT
6	128+84.75	55'	RT
6	129+30.90	49'	RT
6	129+77.89	63'	RT
6	130+00.32	51'	RT
76	TOTAL		

TRENCH BACKFILL

CU YD	LOCATION	
	ILLINOIS ROUTE 56	
2.1	218+90 TO 219+34 RT	PIPE CULVERT
2.7	219+06 TO 219+21 RT	PIPE CULVERT REMOVAL
8.1	219+50 TO 219+50 LT/RT	STORM SEWER
29.4	220+28 TO 221+78 RT	PIPE CULVERT
40.1	220+57 TO 221+63 RT	PIPE CULVERT REMOVAL
51.1	222+50 TO 224+75 RT	PIPE CULVERT
63.4	222+69 TO 224+98 LT	PIPE CULVERT REMOVAL
8.6	222+79 TO 222+79 LT	STORM SEWER
80.3	222+79 TO 225+30 LT	STORM SEWER
22.1	223+00 TO 224+08 RT	PIPE CULVERT REMOVAL
28.8	224+98 TO 226+02 LT	STORM SEWER REMOVAL
4.2	226+00 TO 226+02 LT	STORM SEWER REMOVAL
28.8	226+02 TO 227+06 LT	STORM SEWER REMOVAL
70.2	226+70 TO 227+82 RT	STORM SEWER
12.7	226+58 TO 226+70 LT/RT	STORM SEWER
26.2	226+58 TO 229+50 LT	STORM SEWER
12.7	227+00 TO 228+00 RT	PIPE CULVERT
13.9	227+06 TO 227+56 LT	STORM SEWER REMOVAL
46.7	227+08 TO 228+00 RT	STORM SEWER REMOVAL
11.4	227+56 TO 227+97 LT	STORM SEWER REMOVAL
10.3	230+25 TO 230+25 LT/RT	STORM SEWER
16.0	232+50 TO 233+80 LT	PIPE CULVERT
47.5	232+50 TO 234+10 LT	PIPE CULVERT REMOVAL
15.0	232+75 TO 233+75 RT	PIPE CULVERT
6.9	237+18 TO 237+53 LT	PIPE CULVERT
4.9	237+22 TO 237+46 LT	PIPE CULVERT REMOVAL
	FARNSWORTH AVENUE	
1.2	115+76 TO 115+76 LT	STORM SEWER REMOVAL
264.2	115+76 TO 117+92 LT	STORM SEWER
81.3	116+90 TO 117+70 LT	STORM SEWER REMOVAL
1.5	117+70 TO 117+70 LT	STORM SEWER REMOVAL
97.8	117+70 TO 119+72 LT	STORM SEWER REMOVAL
10.1	117+92 TO 118+12 LT/RT	STORM SEWER
70.4	117+92 TO 118+92 LT	STORM SEWER
18.6	119+60 TO 119+60 LT/RT	STORM SEWER
62.9	119+60 TO 120+30 LT	STORM SEWER
1.6	119+71 TO 119+72 LT	STORM SEWER REMOVAL
78.0	119+72 TO 121+77 LT	STORM SEWER REMOVAL
24.9	120+30 TO 121+00 LT	STORM SEWER
16.2	121+00 TO 121+00 RT	STORM SEWER
10.2	121+00 TO 121+00 LT/RT	STORM SEWER
42.1	121+00 TO 121+70 LT	STORM SEWER
45.2	121+70 TO 122+40 LT	STORM SEWER
1.2	121+77 TO 121+83 LT	STORM SEWER REMOVAL
47.9	121+77 TO 122+93 LT	STORM SEWER REMOVAL
45.1	122+40 TO 123+05 LT	STORM SEWER
39.0	122+93 TO 123+78 LT	STORM SEWER REMOVAL
15.8	122+93 TO 123+05 LT	STORM SEWER REMOVAL
76.9	123+05 TO 123+78 LT	STORM SEWER REMOVAL
8.7	123+05 TO 123+05 LT	STORM SEWER
55.4	123+05 TO 123+85 LT	STORM SEWER
3.9	123+75 TO 123+77 RT	STORM SEWER REMOVAL
24.6	123+77 TO 123+78 RT/LT	STORM SEWER REMOVAL
1.9	123+78 TO 123+87 LT	STORM SEWER REMOVAL
29.3	123+85 TO 123+85 LT/RT	STORM SEWER
25.4	123+85 TO 124+60 LT	STORM SEWER
20.8	123+85 TO 124+75 RT	STORM SEWER
	KIRK ROAD	
12.5	129+50 TO 129+50 LT/RT	STORM SEWER
3.5	129+70 TO 129+75 RT	STORM SEWER REMOVAL
1902.2	TOTAL	

TOPSOIL FURNISH AND PLACE, 4"

SQ YD	LOCATION	
	ILLINOIS ROUTE 56	
1681	WEST LEG	LT
1611	WEST LEG	RT
3397	EAST LEG	LT
6484	EAST LEG	RT
	FARNSWORTH AVENUE	
2251	SOUTH LEG	LT
2482	SOUTH LEG	RT
	KIRK ROAD	
852	NORTH LEG	LT
636	NORTH LEG	RT
19394	TOTAL	

TOPSOIL FURNISH AND PLACE, 24"

SQ YD	LOCATION	
900	IL RTE 56 (WEST LEG)	MEDIAN
500	IL RTE 56 (EAST LEG)	MEDIAN
1400	FARNSWORTH AVENUE	MEDIAN
1000	KIRK ROAD	MEDIAN
3800	TOTAL	

SEEDING, CLASS 2A

ACRE	LOCATION	
	ILLINOIS ROUTE 56	
0.35	WEST LEG	LT
0.19	WEST LEG	MEDIAN
0.33	WEST LEG	RT
0.70	EAST LEG	LT
0.10	EAST LEG	MEDIAN
0.87	EAST LEG	RT
	FARNSWORTH AVENUE	
0.47	SOUTH LEG	LT
0.51	SOUTH LEG	RT
	KIRK ROAD	
0.18	NORTH LEG	LT
0.13	NORTH LEG	RT
3.83	TOTAL	

SEEDING, CLASS 4

ACRE	LOCATION	
	ILLINOIS ROUTE 56	
0.47	EAST LEG	RT
0.47	TOTAL	

NITROGEN FERTILIZER NUTRIENT

POUND	LOCATION	
	ILLINOIS ROUTE 56	
32	WEST LEG	LT
18	WEST LEG	MEDIAN
30	WEST LEG	RT
63	EAST LEG	LT
9	EAST LEG	MEDIAN
121	EAST LEG	RT
	FARNSWORTH AVENUE	
43	SOUTH LEG	LT
46	SOUTH LEG	RT
	KIRK ROAD	
17	NORTH LEG	LT
12	NORTH LEG	RT
391	TOTAL	

PHOSPHORUS FERTILIZER NUTRIENT

POUND	LOCATION	
	ILLINOIS ROUTE 56	
32	WEST LEG	LT
18	WEST LEG	MEDIAN
30	WEST LEG	RT
63	EAST LEG	LT
9	EAST LEG	MEDIAN
121	EAST LEG	RT
	FARNSWORTH AVENUE	
43	SOUTH LEG	LT
46	SOUTH LEG	RT
	KIRK ROAD	
17	NORTH LEG	LT
12	NORTH LEG	RT
391	TOTAL	

POTASSIUM FERTILIZER NUTRIENT

POUND	LOCATION	
	ILLINOIS ROUTE 56	
32	WEST LEG	LT
18	WEST LEG	MEDIAN
30	WEST LEG	RT
63	EAST LEG	LT
9	EAST LEG	MEDIAN
121	EAST LEG	RT
	FARNSWORTH AVENUE	
43	SOUTH LEG	LT
46	SOUTH LEG	RT
	KIRK ROAD	
17	NORTH LEG	LT
12	NORTH LEG	RT
391	TOTAL	

EROSION CONTROL BLANKET

SQ YD	LOCATION	
	ILLINOIS ROUTE 56	
1681	WEST LEG	LT
900	WEST LEG	MEDIAN
1611	WEST LEG	RT
3397	EAST LEG	LT
500	EAST LEG	MEDIAN
6484	EAST LEG	RT
	FARNSWORTH AVENUE	
2251	SOUTH LEG	LT
2482	SOUTH LEG	RT
	KIRK ROAD	
852	NORTH LEG	LT
636	NORTH LEG	RT
20794	TOTAL	

SODDING, SALT TOLERANT

SQ YD	LOCATION	
815	FARNSWORTH AVENUE	MEDIAN
541	KIRK ROAD	MEDIAN
1356	TOTAL	

TEMPORARY EROSION CONTROL SEEDING

POUND	LOCATION	
	ILLINOIS ROUTE 56	
175	WEST LEG	LT
165	WEST LEG	RT
350	EAST LEG	LT
670	EAST LEG	RT
	FARNSWORTH AVENUE	
235	SOUTH LEG	LT
255	SOUTH LEG	RT
	KIRK ROAD	
90	NORTH LEG	LT
65	NORTH LEG	RT
2005	TOTAL	

TEMPORARY DITCH CHECKS

EACH	LOCATION		
	ILLINOIS ROUTE 56		
1	220+50	59'	LT
1	225+54	74'	RT
1	226+28	77'	RT
1	238+00	45'	LT
1	238+00	36'	RT
5	TOTAL		

PLAN	NOTE BOOK NO.
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
CADD FILE NAME	
BY	DATE

PROFILE	NOTE BOOK NO.
SURVEYED	
PLOTTED	
GRADES CHECKED	
B.M. NOTED	
STRUCTURE NOTATIONS CHK'D	
BY	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ.

DATE APR 06 2007

DRAWN BY BAH

CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	17

STA. TO STA.
FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

CONTRACT NO. 83906

INLET AND PIPE PROTECTION

EACH	LOCATION		
	ILLINOIS ROUTE 56		
1	218+90	76.0'	RT
1	220+28	79.0'	RT
1	222+50	82.0'	RT
1	222+50	75.0'	LT
1	227+00	86.0'	RT
1	229+50	67.0'	LT
1	232+50	54.0'	LT
1	232+75	73.0'	RT
1	237+18	48.0'	LT
9	TOTAL		

INLET FILTERS

EACH	LOCATION		
	ILLINOIS ROUTE 56		
1	219+50	3.0'	LT
1	222+79	6.0'	LT
1	226+58	48.0'	LT
1	226+70	12.0'	RT
1	227+82	1.0'	RT
1	229+50	67.0'	LT
1	230+25	5.0'	LT
1	232+50	54.0'	LT
	FARNSWORTH AVENUE		
1	115+76	32.6'	LT
1	117+92	40.4'	LT
1	118+12	12.1'	RT
1	118+92	44.1'	LT
1	119+60	46.5'	LT
1	119+60	15.1'	RT
1	120+30	48.3'	LT
1	121+00	49.7'	LT
1	121+00	16.0'	RT
1	121+00	60.9'	RT
1	121+70	50.0'	LT
1	122+40	50.0'	LT
1	123+05	6.4'	LT
1	123+05	50.0'	LT
1	123+85	50.0'	LT
1	123+85	64.0'	RT
1	124+60	50.0'	LT
1	124+75	64.0'	RT
	KIRK ROAD		
1	129+50	62.0'	LT
1	129+50	10.0'	RT
1	131+20	57.0'	LT
29	TOTAL		

REMOVE EXISTING CULVERTS

EACH	LOCATION	
	ILLINOIS ROUTE 56	
1	219+17	RT
1	221+09	RT
1	223+48	RT
1	227+54	RT
1	233+31	LT
1	237+34	LT
6	TOTAL	

STORM SEWER REMOVAL 10"

FOOT	LOCATION	
	FARNSWORTH AVENUE	
7	121+77 TO 121+84	LT
8	123+79 TO 123+87	LT
15	TOTAL	

STORM SEWER REMOVAL 12"

FOOT	LOCATION	
	ILLINOIS ROUTE 56	
18	226+00 TO 226+02	LT
	FARNSWORTH AVENUE	
7	115+76 TO 115+76	LT
8	117+72 TO 117+70	LT
7	119+71 TO 119+72	LT
35	123+04 TO 122+93	LT
19	123+75 TO 123+77	RT
69	123+77 TO 123+79	LT/RT
	KIRK ROAD	
5	129+70 TO 129+75	RT
168	TOTAL	

STORM SEWER REMOVAL 15"

FOOT	LOCATION	
	FARNSWORTH AVENUE	
117	121+77 TO 122+93	LT
85	122+93 TO 123+78	LT
202	TOTAL	

STORM SEWER REMOVAL 18"

FOOT	LOCATION	
	FARNSWORTH AVENUE	
202	119+72 TO 121+77	LT
202	TOTAL	

STORM SEWER REMOVAL 24"

FOOT	LOCATION	
	ILLINOIS ROUTE 56	
226	222+69 TO 224+96	LT
104	224+96 TO 226+02	LT
102	226+02 TO 227+07	LT
48	227+07 TO 227+55	LT
38	227+55 TO 227+93	LT
	FARNSWORTH AVENUE	
191	115+76 TO 117+70	LT
198	117+70 TO 119+72	LT
907	TOTAL	

WATER VALVES 2"

EACH	LOCATION		
	FARNSWORTH AVENUE		
1	120+46.50	0'	LT/RT
1	TOTAL		

FIRE HYDRANTS TO BE MOVED

EACH	LOCATION		
	FARNSWORTH AVENUE		
1	118+11	41'	LT
1	121+45	41'	LT
1	124+86	41'	LT
3	TOTAL		

VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

EACH	LOCATION		
	FARNSWORTH AVENUE		
1	120+46.50	0'	LT/RT
1	TOTAL		

VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID

EACH	LOCATION		
	FARNSWORTH AVENUE		
1	118+76	35'	LT
1	125+25	54'	LT
1	125+31	45'	LT
3	TOTAL		

CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE

EACH	LOCATION		
	FARNSWORTH AVENUE		
1	115+76	32.6'	LT
1	TOTAL		

MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID

EACH	LOCATION		
	FARNSWORTH AVENUE		
1	120+37	40'	RT
1	121+94	39'	RT
1	123+12	39'	LT
1	124+31	45'	RT
1	125+11	47'	RT
	KIRK ROAD		
1	127+98	46'	RT
1	129+35	42'	RT
7	TOTAL		

INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE

EACH	LOCATION		
	KIRK ROAD		
1	129+50	62'	LT
1	131+20	57'	LT
2	TOTAL		

REMOVING MANHOLES

EACH	LOCATION		
	ILLINOIS ROUTE 56		
1	224+96	44'	LT
1	226+02	49'	LT
	FARNSWORTH AVENUE		
1	121+76	34'	LT
1	122+93	36'	LT
	KIRK ROAD		
1	129+75	35'	RT
5	TOTAL		

REMOVING CATCH BASINS

EACH	LOCATION		
	FARNSWORTH AVENUE		
1	117+70	45'	LT
1	119+72	43'	LT
2	TOTAL		

REMOVING INLETS

EACH	LOCATION		
	ILLINOIS ROUTE 56		
1	226+00	33'	LT
1	227+07	56'	LT
1	227+55	56'	LT
	FARNSWORTH AVENUE		
1	115+76	28'	LT
1	117+71	38'	LT
1	119+71	38'	LT
1	121+83	38'	LT
1	123+77	31'	RT
1	123+78	41'	LT
1	123+87	41'	LT
	KIRK ROAD		
1	129+70	30'	RT
11	TOTAL		

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

EACH	LOCATION		
	FARNSWORTH AVENUE		
1	116+00.03	48.52'	LT
1	116+00.04	70.00'	LT
1	117+00.01	70.00'	LT
1	117+00.01	51.21'	RT
1	119+00.00	70.00'	RT
1	119+00.00	95.00'	RT
1	121+16.61	95.00'	RT
1	121+16.61	70.00'	LT
1	121+35.71	70.00'	LT
1	121+38.90	95.00'	RT
1	121+38.03	50.11'	RT
1	125+11.55	70.00'	LT
	KIRK ROAD		
1	127+55.61	122.47'	RT
1	128+90.00	74.80'	RT
14	TOTAL		

PERMANENT SURVEY MARKERS, TYPE I

EACH	LOCATION	
	ILLINOIS ROUTE 56	
1	217+76.90	PT
1	223+73.84	INTERSECTION
	FARNSWORTH AVENUE	
1	111+66.19	PC
1	116+47.95	PI
1	121+16.61	PT
5	TOTAL	

SEDIMENT CONTROL, SILT FENCE

FOOT	LOCATION	
	ILLINOIS ROUTE 56	
273	227+12 TO 225+08	LT
	FARNSWORTH AVENUE	
430	115+00 TO 119+00	RT
406	119+00 TO 122+82	RT
186	123+52 TO 125+38	RT
	KIRK ROAD	
516	127+32 TO 132+48	LT
542	127+55 TO 132+88	RT
2353	TOTAL	

SEDIMENT CONTROL, SILT FENCE MAINTENANCE

FOOT	LOCATION	
	ILLINOIS ROUTE 56	
819	227+12 TO 225+08	LT
	FARNSWORTH AVENUE	
1290	115+00 TO 119+00	RT
1218	119+00 TO 122+82	RT
558	123+52 TO 125+38	RT
	KIRK ROAD	
1548	127+32 TO 132+48	LT
1626	127+55 TO 132+88	RT
7059	TOTAL	

INLET FILTER CLEANING

EACH	LOCATION		
	ILLINOIS ROUTE 56		
3	219+50	3.0'	LT
3	222+79	6.0'	LT
3	226+58	48.0'	LT
3	226+70	12.0'	RT
3	227+82	1.0'	RT
3	229+50	67.0'	LT
3	230+25	5.0'	LT
3	232+50	54.0'	LT
	FARNSWORTH AVENUE		
3	115+76	32.6'	LT
3	117+92	40.4'	LT
3	118+12	12.1'	RT
3	118+92	44.1'	LT
3	119+60	46.5'	LT
3	119+60	15.1'	RT
3	120+30	48.3'	LT
3	121+00	49.7'	LT
3	121+00	16.0'	RT
3	121+00	60.9'	RT
3	121+70	50.0'	LT
3	122+40	50.0'	LT
3	123+05	06.4'	LT
3	123+05	50.0'	LT
3	123+85	50.0'	LT
3	123+85	64.0'	RT
3	124+60	50.0'	LT
3	124+75	64.0'	RT
	KIRK ROAD		
3	129+50	62.0'	LT
3	129+50	10.0'	RT
3	131+20	57.0'	LT
87	TOTAL		

TYPE K COPPER PIPE 2"

FOOT	LOCATION		
	FARNSWORTH AVENUE		
37	120+46.50	0'	LT/RT
37	TOTAL		

WATER METER 2"

EACH	LOCATION		
	FARNSWORTH AVENUE		
1	120+46.50	0'	LT/RT
1	TOTAL		

RPZ BACKFLOW PREVENTER 2"

EACH	LOCATION		
	FARNSWORTH AVENUE		
1	120+46.50	0'	LT/RT
1	TOTAL		

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN: NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/T OF WAY CHECKED, CADD FILE NAME — DATE, BY

PROFILE: NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD — DATE, BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

PAVEMENT SCHEDULE

LOCATION	SIDEWALK REMOVAL (SQ FT) LEFT	SIDEWALK REMOVAL (SQ FT) RIGHT	PAVEMENT REMOVAL (SQ YD)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PAVED SHOULDER REMOVAL (SQ YD)	ISLAND PAVEMENT REMOVAL (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL 4 1/4" (SQ YD)	COMBINATION CONCRETE CURB AND GUTTER REMOVAL (FOOT) LEFT	COMBINATION CONCRETE CURB AND GUTTER REMOVAL (FOOT) RIGHT	SUBBASE GRANULAR MATERIAL TYPE B, 6" (SQ YD) LEFT	SUBBASE GRANULAR MATERIAL TYPE B, 6" (SQ YD) RIGHT	SUBBASE GRANULAR MATERIAL TYPE B, 8"* (SQ YD) LEFT	SUBBASE GRANULAR MATERIAL TYPE B, 8"* (SQ YD) RIGHT	AGGREGATE SUBGRADE 12" (SQ YD)	POROUS GRANULAR EMBANKMENT SUBGRADE (CU YD)	HOT-MIX ASPHALT BASE COURSE 6" (SQ YD)	HOT-MIX ASPHALT BASE COURSE 8" (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (GAL.)	AGGREGATE (PRIME COAT) (TON)	TEMPORARY RAMP (SQ YD)	POLYMERIZED HOT-MIX ASPHALT BIND. COURSE IL-19.0, N90 (TON)	HOT-MIX ASPHALT SURF. COURSE MIX "C", N50 (TON)	POLYMERIZED HOT-MIX ASPHALT SURF. COURSE MIX "F", N50 (TON)
ILLINOIS ROUTE 56																							
215+36.50 TO 237+55.00		963	13676		67	276		398	572	102	143	177	151	17995	2022			8675	37.6	98	11129.0		2104.8
FARNSWORTH AVENUE																							
115+05.00 TO 125+51.90	1964		2274				6387	971	1055	343	157			5425				3463	19.6	426	4611.3		1093.2
KIRK ROAD																							
127+51.00 TO 135+55.00			2252		219		3923	154	271	106	96			4057	71			2387	12.5	622	3258.0		699.3
DRIVEWAYS																							
SUBTOTAL**				2731		243		1403		524				2232		139	336	1112	4.8		1324.1	53.5	220.8
TOTAL	2927		18202	2731	286	519	10310	4824		1471		328		29709	2093	139	336	15637	74.5	1146	20322.4	53.5	4118.1

LOCATION	PCC SIDEWALK 5 INCH (SQ FT)	DETECTABLE WARNINGS (SQ FT)	CLASS D PATCHES TYPE II 12 INCH (SQ YD)	CLASS D PATCHES TYPE III 12 INCH (SQ YD)	AGGREGATE SHOULDERS TYPE B (TON) LEFT	AGGREGATE SHOULDERS TYPE B (TON) RIGHT	STRIP REFLECTIVE CRACK CONTROL TREATMENT (FOOT) LEFT	STRIP REFLECTIVE CRACK CONTROL TREATMENT (FOOT) RIGHT	HOT-MIX ASPHALT SHOULDERS, 6¼" (SQ YD) LEFT	HOT-MIX ASPHALT SHOULDERS, 6¼" (SQ YD) RIGHT	COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.06 (FOOT) LEFT	COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.06 (FOOT) RIGHT	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 (FOOT) LEFT	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 (FOOT) RIGHT	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (FOOT) LEFT	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (FOOT) RIGHT	CONCRETE MEDIAN SURFACE 4 INCH (SQ FT)	CONCRETE MEDIAN TYPE SB-6 (SQ FT)	TEMPORARY PAVEMENT (SQ YD) LEFT	TEMPORARY PAVEMENT (SQ YD) RIGHT	TEMPORARY ACCESS PRIVATE ENTRANCE (EACH)	TEMPORARY ACCESS COMMERCIAL ENTRANCE (EACH)
ILLINOIS ROUTE 56																						
215+36.50 TO 237+55.00	699	62			75.0	22.5			1080	1151	51				1140	1133	910	4981	177	151		
FARNSWORTH AVENUE																						
115+05.00 TO 125+51.90			60	32			1041	1055					14	24	1527	1384		1638				
KIRK ROAD																						
127+51.00 TO 135+55.00				19			497	221				58			986	1204	266	1548				
DRIVEWAYS																						
SUBTOTAL**													1659				2871				2	2
TOTAL	699	62	60	51	97.5		2814		2231		109		1697		7374		4047	8167	328		2	2

* TEMPORARY PAVEMENT FOR MAINTENANCE OF TRAFFIC.
**SEE DRIVEWAY SCHEDULE FOR INDIVIDUAL DRIVEWAY QUANTITIES.

NOTE:
THE QUANTITY FOR POLYMERIZED HOT-MIX ASPHALT BINDER COURSE ON FARNSWORTH AVENUE AND KIRK ROAD INCLUDES THE AREA WITHIN THE LIMITS OF THE PROPOSED MEDIANS (NECESSARY FOR MAINTENANCE OF TRAFFIC).

DRIVEWAY SCHEDULE

DRIVEWAY LOCATION	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	ISLAND PAVEMENT REMOVAL (SQ YD)	COMBINATION CONC. CURB & GUTTER REMOVAL (FOOT)	SUBBASE GRANULAR MATERIAL TYPE B, 6" (SQ YD)	AGGREGATE SUBGRADE 12" (SQ YD)	HOT-MIX ASPHALT BASE COURSE 6" (SQ YD)	HOT-MIX ASPHALT BASE COURSE 8" (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (GAL.)	AGGREGATE (PRIME COAT) (TON)	POLYMERIZED HOT-MIX ASPHALT BIND. COURSE IL-19.0, N90 (TON)	HOT-MIX ASPHALT SURF. COURSE MIX "C", N50 (TON)	POLYMERIZED HOT-MIX ASPHALT SURF. COURSE MIX "F", N90 (TON)	COMBINATION CONC. CURB & GUTTER TYPE B-6.12 (FOOT)	CONCRETE MEDIAN SURFACE 4 INCH (SQ FT)	TEMPORARY ACCESS PRIVATE ENTRANCE (EACH)	TEMPORARY ACCESS COMMERCIAL ENTRANCE (EACH)
ILLINOIS ROUTE 56																
218+22 RT*				10		9		4			1.0					
219+11 RT*				71		68		31			7.7				1	
221+06 RT	592	49	210		595			241	1.1	356.2		59.4	361	877		
227+41 LT	372	76	236		375			142	0.7	210.4		35.1	334	760		
227+45 RT	480	118	265		461			178	0.8	262.8		43.8	364	1098		
SAVANNAH DRIVE LT	403		271		381			156	0.7	229.9		38.3	205			
SAVANNAH DRIVE RT	441		169		420			179	0.8	264.8		44.2	123			1
237+32 LT				66		62		28			7.0				1	
FARNSWORTH AVENUE																
118+40 LT	240		135	210			185	84	0.4		20.8		187	136		1
123+40 LT	203		117	167			151	69	0.3		17.0		85			
SUBTOTAL - DRIVEWAYS	2731	243	1403	524	2232	139	336	1112	4.8	1324.1	53.5	220.8	1659	2871	2	2

* QUANTITIES INCLUDE PROPOSED MAILBOX TURNOUT.

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

PAVEMENT SCHEDULE
DRIVEWAY SCHEDULE

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN — NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.T. OF WAY CHECKED, CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD — BY — DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

CULVERT AND STORM SEWER SCHEDULE

LOCATION	CATCH BASINS TYPE A 4' DIAMETER TYPE 24 F & G (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 24 F & G (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 1 F & CL (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 24 F & G (EACH)	INLETS TYPE A TYPE 8 GRATE (EACH)	INLETS TYPE A TYPE 11 F&G (EACH)	INLETS TYPE A TYPE 24 F&G (EACH)	INLETS TYPE B TYPE 11 F&G (EACH)	INLETS TYPE B TYPE 24 F&G (EACH)	STORM SEWERS CLASS A, TYPE 1 12" (FT)	STORM SEWERS CLASS A, TYPE 1 15" (FT)	STORM SEWERS CLASS A, TYPE 1 24" (FT)	PIPE CULVERTS CLASS A, TYPE 1 ROUND 18" (FT)	PIPE CULVERTS CLASS A, TYPE 1 ROUND 24" (FT)	PIPE CULVERTS CLASS A, TYPE 1 ELLIPTICAL 30" (FT)	PRECAST REINFORCED CONCRETE FLARED END SECTION ROUND 12" (EACH)	PRECAST REINFORCED CONCRETE FLARED END SECTION ROUND 24" (EACH)	PRECAST REINFORCED CONCRETE FLARED END SECTION ELLIPTICAL 30" (EACH)	PIPE UNDERDRAINS 4" (FT)	CONCRETE HEADWALL FOR PIPE DRAINS (EACH)	ADJUSTING WATER MAIN 8" (FT)	STORM SEWER WATER MAIN 12" (FT)	STORM SEWER WATER MAIN 18" (FT)	STORM SEWER WATER MAIN 24" (FT)	STORM SEWER WATER MAIN 30" (FT)
ILLINOIS ROUTE 56																											
218+90 TO 219+34 RT															32												
219+50 TO 219+50 LT/RT							1					69						1									
220+25 TO 220+25 RT																					60.5	1					
220+28 TO 221+78 RT																138			2								
222+25 TO 222+25 RT																					64.5	1					
222+50 TO 222+79 LT				1										21					1								
222+50 TO 224+75 RT																213			2								
222+79 TO 222+79 LT								1				65															
222+79 TO 222+79 RT/LT																					76.5						
222+79 TO 225+30 LT				1										248													
225+25 TO 225+25 RT																					57.0	1					
225+30 TO 225+30 LT																					65.0						
225+30 TO 226+58 LT				1										124													
226+58 TO 229+50 LT					1																		30			288	
226+58 TO 226+58 LT											1	14									48.0						
226+58 TO 226+70 LT/RT										1		62															
226+70 TO 226+70 RT																					12.0						
226+70 TO 227+82 RT									1															111			
227+00 TO 228+00 RT																88			2								
228+25 TO 228+25 RT																					41.5	1					
229+50 TO 229+50 LT																					56.0						
229+50 TO 232+50 LT					1									297													
230+25 TO 230+25 RT		1										70						1									
231+25 to 231+25 RT																					55.5	1					
232+50 TO 232+50 LT																					45.0						
232+50 TO 234+00 LT																			1				30			143	
232+75 TO 233+75 RT																	91			2							
234+25 TO 234+25 RT																					34.5	1					
234+75 TO 234+75 LT																					52.5	1					
237+00 TO 237+00 LT																					41.0	1					
237+18 TO 237+53 LT																23			2								
237+25 TO 237+25 RT																					30.5	1					
SUBTOTAL	0	1	0	3	2	0	1	1	1	1	1	280	0	690	32	462	91	2	10	2	740	9	60	111	0	431	0
FARNSWORTH AVENUE																											
115+76 TO 117+92 LT				1																							208
117+92 TO 117+92 LT	1											4															
117+92 TO 118+12 LT/RT									1															55			
117+92 TO 118+92 LT				1																						94	
118+92 TO 118+92 LT	1											4															
118+92 TO 119+60 LT				1										63													
119+60 TO 119+60 LT/RT									1															60			
119+60 TO 119+60 LT	1											4															
119+60 TO 120+30 LT						1								65													
120+30 TO 121+00 LT			1																						65		
121+00 TO 121+00 RT									1			45															
121+00 TO 121+00 LT/RT											1													63			
121+00 TO 121+70 LT			1																						66		
121+70 TO 122+40 LT	1																								66		
122+40 TO 123+05 LT	1																								61		
123+03.5 TO 123+05 LT													14														
123+05 TO 123+05 LT									1															42			
123+05 TO 123+85 LT	1																							76			
123+85 TO 123+85 LT/RT											1													114			
123+85 TO 124+60 LT									1															72			
123+85 TO 124+75 RT									1			88															
SUBTOTAL	6	0	2	3	0	1	0	0	6	0	2	145	14	128	0	0	0	0	0	0	0	0	0	482	258	94	208
KIRK ROAD																											
129+50 TO 129+50 LT/RT								1				72															
TOTAL	6	1	2	6	2	1	1	2	7	1	3	497	14	818	32	462	91	2	10	2	740	9	60	593	258	525	208

NOTE:
GRATING SHALL BE PROVIDED FOR ALL PRECAST REINFORCED CONCRETE FLARED END SECTIONS SIZE 24" AND GREATER.

PLAN: NOTE BOOK, NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME — BY, DATE

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ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

CULVERT AND STORM SEWER SCHEDULE

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+) OR SHORTAGE (-) (CU YD)
ILLINOIS ROUTE 56				
215+36.50 TO 223+73.84	5814	4942	498	4444
223+73.84TO 237+55.00	12534	10654	631	10023
FARNSWORTH AVENUE				
115+05.00 TO 125+51.90	3996	3397	632	2765
KIRK ROAD				
127+51.00 TO 135+55.00	4753	4040	346	3694
TOTAL	27097	23032	2107	20925

SHRINKAGE FACTORS
EARTH EXCAVATION 15%

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

EARTHWORK SCHEDULE

SCALE: VERT.
HORIZ.
DATE APR 06 2007

DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	21

STA. TO STA.

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

CONTRACT NO. 83906

PAVEMENT MARKING SCHEDULE

LOCATION	PAVEMENT MARKING REMOVAL (SQ FT)	SHORT TERM PAVEMENT MARKING: LANE LINE WHITE (FOOT)	SHORT TERM PAVEMENT MARKING: MEDIAN LINE YELLOW (FOOT)	THERMOPLASTIC PAVEMENT MARKING: LETTERS AND SYMBOLS (SQ FT)	THERMOPLASTIC: LINE - 4" MEDIAN LINE SOLID YELLOW (FOOT)	THERMOPLASTIC: LINE - 4" EDGE LINE SOLID WHITE LEFT (FOOT)	THERMOPLASTIC: LINE - 4" EDGE LINE SOLID WHITE RIGHT (FOOT)	THERMOPLASTIC: LINE - 4" LANE LINE 30'-10' SKIP-DASH WHITE LEFT (FOOT)	THERMOPLASTIC: LINE - 4" LANE LINE 30'-10' SKIP-DASH WHITE RIGHT (FOOT)	THERMOPLASTIC: LINE - 6" CROSSWALK SOLID WHITE (FOOT)	THERMOPLASTIC: LINE - 6" LANE LINE 6'-2' SKIP-DASH WHITE (FOOT)	THERMOPLASTIC: LINE - 6" LANE LINE SOLID WHITE (FOOT)	THERMOPLASTIC: LINE - 8" EDGE LINE SOLID WHITE (FOOT)	THERMOPLASTIC: LINE - 12" SOLID DIAGONALS WHITE (FOOT)	THERMOPLASTIC: LINE - 12" SOLID DIAGONALS YELLOW (FOOT)	THERMOPLASTIC: LINE - 24" STOP BAR WHITE (FOOT)	POLYUREA PAVEMENT MARKING TYPE I: LETTERS AND SYMBOLS (SQ FT)	POLYUREA: LINE - 4" LANE LINE 30'-10' SKIP-DASH WHITE LEFT (FOOT)	POLYUREA: LINE - 4" LANE LINE 30'-10' SKIP-DASH WHITE RIGHT (FOOT)	POLYUREA: LINE - 6" LANE LINE 6'-2' SKIP-DASH WHITE (FOOT)	POLYUREA: LINE - 6" LANE LINE SOLID WHITE (FOOT)	POLYUREA: LINE - 24" STOP BAR WHITE (FOOT)	RAISED REFLECTIVE PAVEMENT MARKERS (EACH)	RECESSED REFLECTIVE PAVEMENT MARKERS (EACH)
ILLINOIS ROUTE 56																								
215+36.50 TO 237+55.00	5301	425	77	655	1531	1206	1390	450	280	275	296	2679	946	564	47	466							158	
FARNSWORTH AVENUE																								
115+05.00 TO 125+60.70	3427	438	41	327				540	440	281	111	1326		19	30	227							140	
KIRK ROAD																								
126+30.00 TO 140+44	4343	875															573	660	720	215	2349	309		192
TOTAL	13071	1856		983	5837					4968			946	660		693	573	1380		2564		309	298	192

NOTE:
GORE AREA STRIPING ADJACENT TO FREE-FLOW ISLAND (SOUTH OF STA 129+00) SHALL BE THERMOPLASTIC.

SIGN SCHEDULE

LOCATION	STANDARD NUMBER	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	METAL POST TYPE A (FOOT)	METAL POST TYPE B (FOOT)	RELOCATE SIGN PANEL ASSEMBLY TYPE A (EACH)	SIGN PLACEMENT: HEIGHT ABOVE EDGE OF PAVEMENT	SIGN PLACEMENT: CENTERLINE OFFSET
ILLINOIS ROUTE 56								
220+00 LT	R2-1-3036	7.50			18.5		6'-0"	64'
221+00 LT	M3-4-2412	2.00		18.5			8'-0"	64'
221+00 LT	M1-I100-2424	4.00					6'-0"	64'
221+20 LT	R3-5LL-3030	6.25			13.0		6'-0"	9'
221+52 RT	R1-1-3030	6.25			13.0		6'-0"	84'
221+59 RT	R3-5-2430	5.00		12.5			6'-0"	90'
222+70 LT	R3-5LL-3030	6.25			13.0		6'-0"	9'
222+72 LT	R4-7-2430	5.00			13.0		6'-0"	9'
224+70 RT	R4-7-2430	5.00			13.0		6'-0"	15'
224+72 RT	R3-5LL-3030	6.25			13.0		6'-0"	15'
226+00 RT	R3-7-3030	6.25			12.5		6'-0"	70'
226+20 RT	R3-5LL-3030	6.25			13.0		6'-0"	15'
226+75 RT	M3-2-2412	2.00		17.5			8'-0"	70'
226+75 RT	M1-I100-2424	4.00					6'-0"	70'
226+93 LT	R3-5-2430	5.00		13.0			6'-0"	78'
227+00 LT	R1-1-3030	6.25			13.0		6'-0"	71'
227+91 RT	R1-1-3030	6.25			13.0		6'-0"	68'
227+97 RT	R3-5-2430	5.00		15.5			6'-0"	75'
228+40 RT	R3-7-3030	6.25			17.5		6'-0"	70'
229+50 LT	FERMILAB*				13.0	1	6'-0"	75'
230+15 RT	R3-5-2430	5.00		17.5			6'-0"	67'
232+50 RT	R3-5-2430	5.00		17.5			6'-0"	62'
232+88 LT	R1-1-3030	6.25			12.0		6'-0"	62'
233+57 RT	R1-1-3030	6.25			13.0		6'-0"	56'
235+00 RT	R2-1-3036	7.50			16.0		6'-0"	45'
235+00 LT	R2-1-3036	7.50			16.0		6'-0"	64'
SUBTOTAL - ROUTE 56		138.25		112.00	235.50	1		
FARNSWORTH AVENUE								
115+50 LT	TREE CITY USA*			14.0		1	8'-0"	44'
115+50 LT	AURORA CRIME STOPPERS*					1	6'-0"	44'
118+05 LT	R5-1-3030	6.25			11.5		6'-0"	61'
118+07 LT	R3-5-2430	5.00		11.0			6'-0"	65'
118+15 LT	R1-1-3030	6.25			12.0		6'-0"	60'
121+25 RT	MARMION SIGN*				13.0	1	6'-0"	75'
121+61 LT	W4-2-3636	9.00			11.0		6'-0"	63'
123+10 LT	R3-5-2430	5.00		10.0			6'-0"	62'
123+19 LT	R1-1-3030	6.25			10.5		6'-0"	65'
123+70 LT	R3-5LL-3030	6.25			13.0		6'-0"	11'
124+76 LT	R2-1-3036	7.50			11.5		6'-0"	63'
125+00 RT	M1-I100-2424	4.00		14.0			7'-3"	70'
125+00 RT	M6-4-2115	2.19					6'-0"	70'
125+44 LT	R3-5LL-3030	6.25			13.0		6'-0"	11'
125+46 LT	R4-7-2430	5.00			13.0		6'-0"	11'
SUBTOTAL - FARNS.	W4-2-3636	68.94		49.00	108.50	3		
KIRK ROAD								
127+44 RT	R4-7-2430	5.00			13.0		6'-0"	12'
127+46 RT	R3-5LL-3030	6.25			13.0		6'-0"	12'
128+00 LT	M1-I100-2424	4.00		16.0			7'-3"	75'
128+00 LT	M6-4-2115	3.00					6'-0"	75'
129+00 RT	R3-5LL-3030	6.25			13.0		6'-0"	12'
129+00 LT	R5-I101-2430	5.00		14.5			6'-0"	77'
130+00 RT	NORRIS CULTURAL ARTS**				27.0	1	9'-0"	77'
130+00 RT	PHEASANT RUN RESORT**					1	6'-0"	77'
130+00 LT	R3-5-3036	7.50			11.0		6'-0"	75'
131+00 RT	R5-I101-2430	5.00		12.0			6'-0"	77'
131+00 LT	MARMION SIGN*				13.5	1	6'-0"	71'
132+00 RT	D3-2M-6018***	7.50			24.0		6'-0"	77'
134+00 LT	D3-2M-9030***		18.75		28.0		6'-0"	65'
SUBTOTAL - KIRK		49.50	18.75	42.50	142.50	3		
SUBTOTAL - SIGNALS		70.00	30.00					
TOTAL		326.69	48.75	203.5	486.5	7		

* EXISTING SIGN TO BE RELOCATED AND MOUNTED ON NEW METAL POST.
** EXISTING SIGN TO BE RELOCATED AND MOUNTED ON NEW METAL POST (TWO POSTS REQUIRED).
*** PROPOSED SIGN REQUIRES TWO POSTS.

NOTE:
ALL SIGNS ALONG KIRK ROAD WILL BE INSTALLED BY KANE COUNTY DIVISION OF TRANSPORTATION MAINTENANCE PERSONNEL.
THE CONTRACTOR SHALL PROVIDE A 10" X 10" BLOCKOUT FOR SIGN PLACEMENT WITHIN THE BARRIER MEDIAN. THE BLOCKOUT SHALL EXTEND THE FULL DEPTH OF THE MEDIAN.

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

PAVEMENT MARKING SCHEDULE
SIGN SCHEDULE

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	22

STA. TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

CONTRACT NO. 83906

MAINTENANCE OF TRAFFIC SCHEDULE

LOCATION	WORK ZONE PAVEMENT MARKING: WORK ZONE PAVEMENT MARKING REMOVAL (SQ FT)	WET PAVEMENT MARKING TAPE, TYPE III: LETTERS AND SYMBOLS (SQ FT)	LINE - 4": SOLID EDGE LINE WHITE (FOOT)	LINE - 4": SOLID MEDIAN YELLOW (FOOT)	LINE - 4": 30' - 10' SKIP-DASH WHITE (FOOT)	LINE - 6": SOLID LANE LINE WHITE (FOOT)	LINE - 6": 6' - 2' SKIP-DASH WHITE (FOOT)	LINE - 6": SOLID STOP BAR WHITE (FOOT)
STAGE I								
IL ROUTE 56 (WEST LEG)	0	72.6	1325	1278		200	38	90
IL ROUTE 56 (EAST LEG)	0	72.6	3197	3176		200	38	78
FARNSWORTH AVENUE	0	72.6	2698	2528	630	200	66	72
KIRK ROAD	0	72.6	1872	1101	420	392	76	140
SUBTOTAL - STAGE I	0	290.4	9092	8083	1050	992	218	380
STAGE II								
IL ROUTE 56 (WEST LEG)	1104	108.9	783	1265		370	64	116
IL ROUTE 56 (EAST LEG)	2355	145.2	2012	2953		611	94	44
FARNSWORTH AVENUE	2194	72.6	1430	2576	640	200	38	78
KIRK ROAD	1508	145.2	1204	1608	410	594	76	297
SUBTOTAL - STAGE II	7160	471.9	5429	8402	1050	1775	272	535
STAGE IIB								
IL ROUTE 56 (WEST LEG)	1067	108.9	649	1416		332	178	74
IL ROUTE 56 (EAST LEG)	2175	254.1	2264	2605		982	234	48
FARNSWORTH AVENUE	203	72.6	509					76
KIRK ROAD	975	108.9	1993	1208	560	859	38	193
SUBTOTAL - STAGE IIB	4419	544.5	5415	5229	560	2173	450	391
STAGE III								
IL ROUTE 56 (WEST LEG)	125	72.6	198	100		98		70
IL ROUTE 56 (EAST LEG)	999	181.5	790	475		401	76	50
FARNSWORTH AVENUE	1844	72.6	1688	2516	640	198	38	70
KIRK ROAD	2530	72.6	1961	1714	470	440	38	160
SUBTOTAL - STAGE III	5498	399.3	4637	4805	1110	1137	152	350
STAGE IV								
IL ROUTE 56 (WEST LEG)	244	36.3	814		170	334	68	
IL ROUTE 56 (EAST LEG)	76		390					
FARNSWORTH AVENUE	59		568					
KIRK ROAD	391	36.3	966		80	428	38	
SUBTOTAL - STAGE IV	770	72.6	2738	0	250	762	106	0
STAGE V								
IL ROUTE 56 (WEST LEG)	1465	145.2	1395	1564	50	650	112	94
IL ROUTE 56 (EAST LEG)	2143	254.1	1640	2364		918	168	214
FARNSWORTH AVENUE	1143	72.6	1299	1145	70	686		34
KIRK ROAD	500	145.2	785		80	192		
SUBTOTAL - STAGE V	5251	617.1	5119	5073	200	2446	280	342
STAGE VI								
IL ROUTE 56 (WEST LEG)	302	36.3	389			26		212
IL ROUTE 56 (EAST LEG)	1055	36.3	1193		30			140
FARNSWORTH AVENUE	2137	108.9	2530	2360	550	406	64	140
KIRK ROAD	1684	72.6	1355	1613	550	200	50	138
SUBTOTAL - STAGE VI	5178	254.1	5467	3973	1130	632	114	630
STAGE VIB								
IL ROUTE 56 (WEST LEG)	36		743	1331		229	68	124
IL ROUTE 56 (EAST LEG)	1385	108.9	1672	2180		96		70
FARNSWORTH AVENUE	402	72.6	612				38	
KIRK ROAD	1327		1166	1613	550	200	50	138
SUBTOTAL - STAGE VIB	3151	181.5	4193	5124	550	525	156	332
STAGE VII								
IL ROUTE 56 (WEST LEG)	1167	145.2	152					62
IL ROUTE 56 (EAST LEG)	2116	326.7	1682	1010	90	1712	234	100
FARNSWORTH AVENUE	360		152					124
KIRK ROAD	96		350			588	50	
SUBTOTAL - STAGE VII	3739	471.9	2336	1010	90	2300	284	286
STAGE VIII								
IL ROUTE 56 (WEST LEG)	992	108.9	424		370		60	140
IL ROUTE 56 (EAST LEG)	1069	181.5	3		260	803	60	102
FARNSWORTH AVENUE	1723	217.8	888	1822	530	430	60	268
KIRK ROAD	2044	145.2	976	2147	650		210	333
SUBTOTAL - STAGE VIII	5828	653.4	2291	3969	1810	1233	390	843
FINAL*								
IL ROUTE 56 (WEST LEG)	1223							
IL ROUTE 56 (EAST LEG)	1264							
FARNSWORTH AVENUE	1837							
KIRK ROAD	2260							
SUBTOTAL - FINAL	6584	0.0	0	0	0	0	0	0
TOTAL	47578	3956.7		100186			20486	

* REMOVAL OF THE WORK ZONE PAVEMENT MARKINGS FROM STAGE VIII.
INCLUDES REMOVAL OF SHORT TERM PAVEMENT MARKINGS PRIOR TO PLACEMENT OF THE PERMANENT STRIPING.

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

MAINTENANCE OF TRAFFIC SCHEDULE

SCALE: VERT. HORIZ.

DATE APR 06 2007

DRAWN BY BAH

CHECKED BY APS

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PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD — BY — DATE

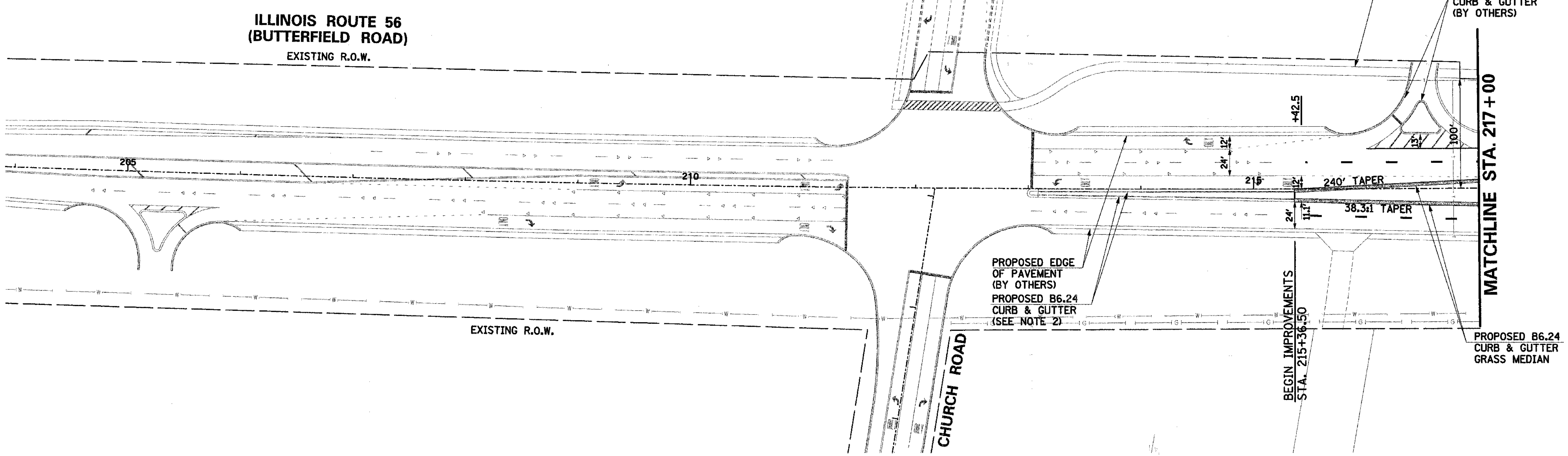
NOTES:

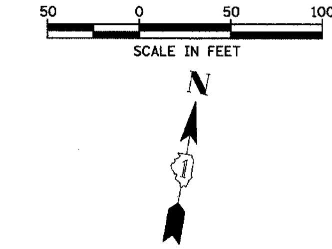
1. ILLINOIS ROUTE 56 AT CHURCH ROAD ROAD IMPROVEMENTS TO BE COMPLETED BY TMK AURORA VENTURE. CONSTRUCTION ON THOSE IMPROVEMENTS IS SCHEDULED TO BEGIN SPRING 2007.
2. THE BARRIER MEDIAN ON THE EAST LEG OF THE ROUTE 56 AT CHURCH ROAD INTERSECTION WILL BE CONSTRUCTED CONCURRENTLY WITH THIS PROJECT DURING STAGE VII. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THE DEVELOPER. ANY ADDITIONAL TRAFFIC CONTROL WILL BE THE RESPONSIBILITY OF THE DEVELOPER. CONTACT MACKIE CONSULTANTS LLC (847-696-1400).

P.I. STA. = 208+88.74
Δ = 3° 31′ 44″ (LT)
D = 0° 11′ 55″
R = 28,850.00
T = 888.72
L = 1,776.87
E = 13.69
e = N.C.
P.C. STA. = 200+00.03
P.T. STA. = 217+76.90

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	23
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

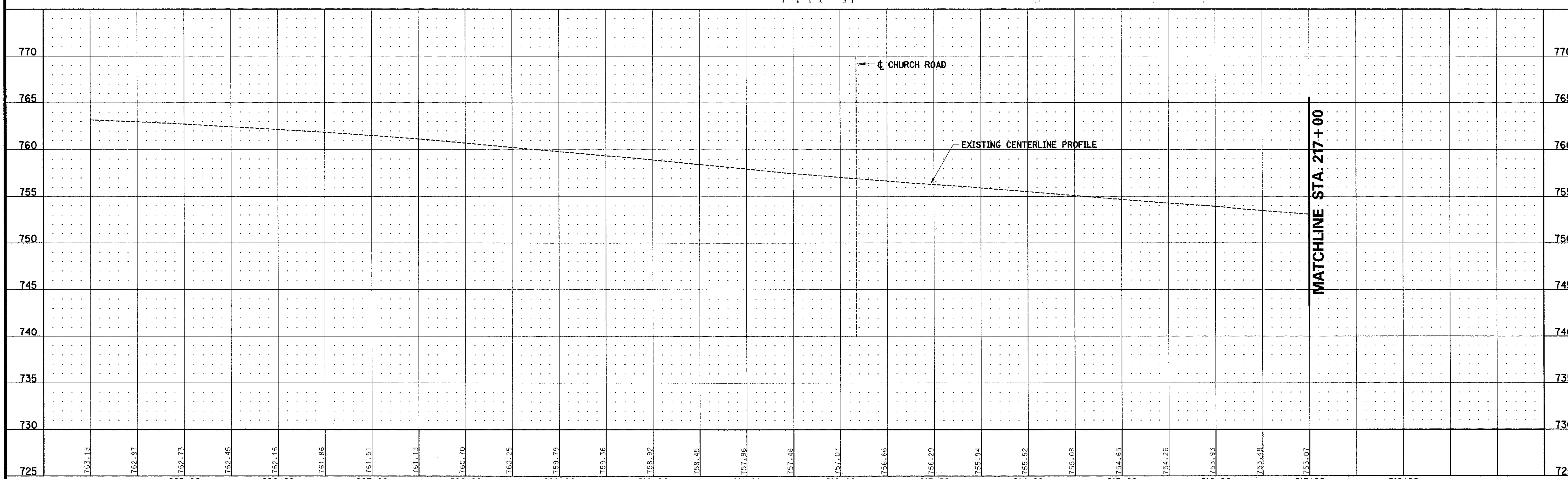




LEGEND

REVERSE PITCH CURB & GUTTER

CONCRETE MEDIAN SURFACE, 4 INCH



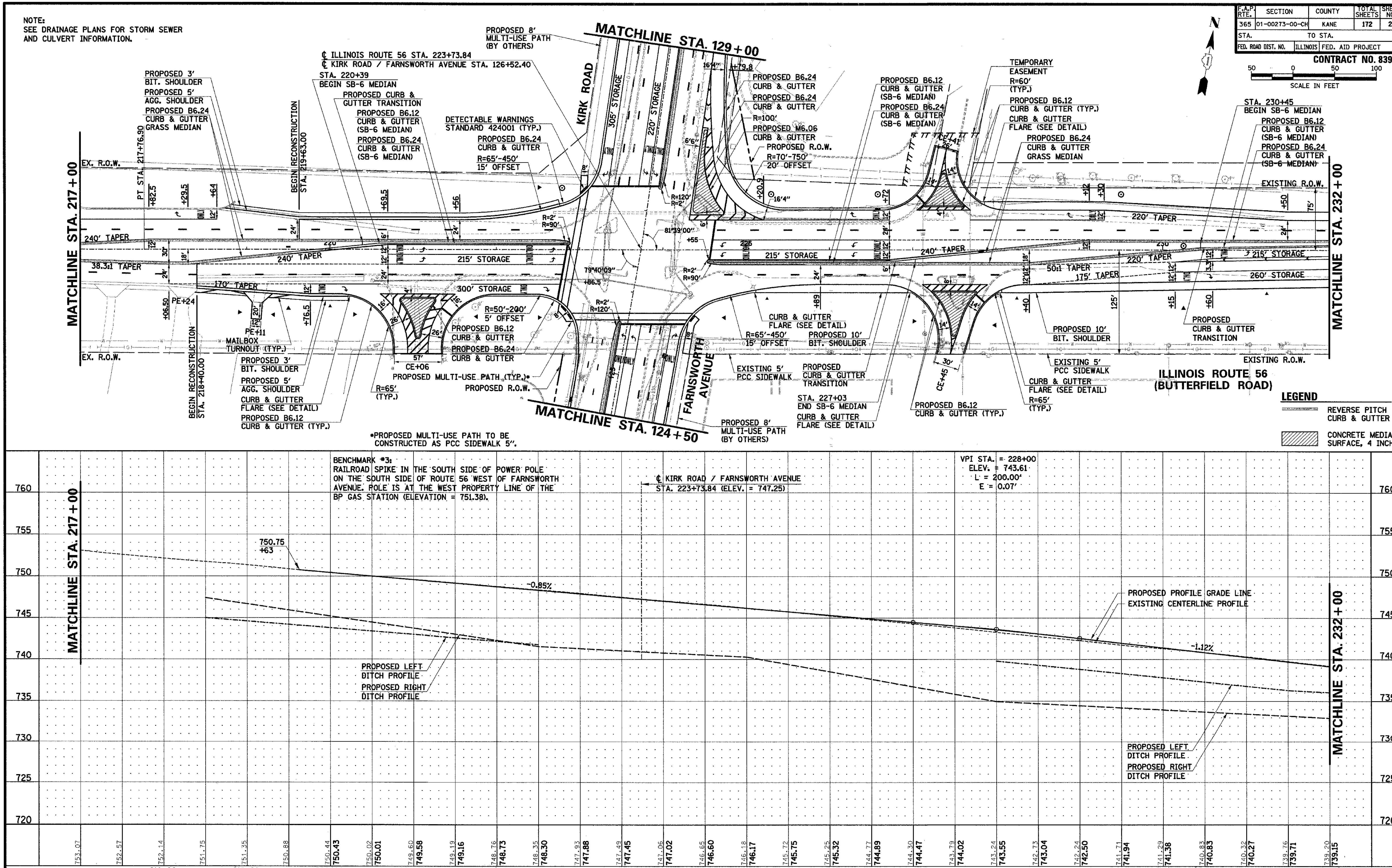
PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.T. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHECKED / NOTE BOOK / NO. / BY / DATE

ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) STA. 215+36.50 TO STA. 217+00.00 – PLAN AND PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	24
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



NOTE:
SEE DRAINAGE PLANS FOR STORM SEWER AND CULVERT INFORMATION.
SCALE IN FEET
50 0 50 100
N
MATCHLINE STA. 129+00
MATCHLINE STA. 124+50
MATCHLINE STA. 217+00
MATCHLINE STA. 232+00
KIRK ROAD
FARNSWORTH AVENUE
ILLINOIS ROUTE 56 (BUTTERFIELD ROAD)
℄ ILLINOIS ROUTE 56 STA. 223+73.84
℄ KIRK ROAD / FARNSWORTH AVENUE STA. 126+52.40
STA. 220+39 BEGIN SB-6 MEDIAN
PROPOSED 8' MULTI-USE PATH (BY OTHERS)
PROPOSED 3' BIT. SHOULDER
PROPOSED 5' AGG. SHOULDER
PROPOSED B6.24 CURB & GUTTER GRASS MEDIAN
BEGIN RECONSTRUCTION STA. 219+63.00
BEGIN RECONSTRUCTION STA. 218+40.00
PROPOSED CURB & GUTTER TRANSITION
PROPOSED B6.12 CURB & GUTTER (SB-6 MEDIAN)
PROPOSED B6.24 CURB & GUTTER (SB-6 MEDIAN)
DETECTABLE WARNINGS STANDARD 424001 (TYP.)
PROPOSED B6.24 CURB & GUTTER
R=65'-450' 15' OFFSET
305' STORAGE
220' STORAGE
PROPOSED M6.06 CURB & GUTTER
PROPOSED R.O.W.
R=70'-750' 20' OFFSET
TEMPORARY EASEMENT R=60' (TYP.)
PROPOSED B6.12 CURB & GUTTER (TYP.)
CURB & GUTTER FLARE (SEE DETAIL)
PROPOSED B6.24 CURB & GUTTER GRASS MEDIAN
STA. 230+45 BEGIN SB-6 MEDIAN
EX. R.O.W.
EXISTING R.O.W.
240' TAPER
38.3:1 TAPER
170' TAPER
215' STORAGE
300' STORAGE
220' TAPER
50:1 TAPER
175' TAPER
260' STORAGE
81°39'00"
79°40'09"
R=50'-200' 5' OFFSET
PE+11
PE+24
MAILBOX TURNOUT (TYP.)
PROPOSED MULTI-USE PATH (TYP.)
PROPOSED R.O.W.
R=65' (TYP.)
EXISTING 5' PCC SIDEWALK
PROPOSED CURB & GUTTER TRANSITION
STA. 227+03 END SB-6 MEDIAN
CURB & GUTTER FLARE (SEE DETAIL)
PROPOSED 10' BIT. SHOULDER
PROPOSED B6.12 CURB & GUTTER (TYP.)
PROPOSED CURB & GUTTER TRANSITION
•PROPOSED MULTI-USE PATH TO BE CONSTRUCTED AS PCC SIDEWALK 5".
LEGEND
REVERSE PITCH CURB & GUTTER
CONCRETE MEDIAN SURFACE, 4 INCH
BENCHMARK #3:
RAILROAD SPIKE IN THE SOUTH SIDE OF POWER POLE ON THE SOUTH SIDE OF ROUTE 56 WEST OF FARNSWORTH AVENUE. POLE IS AT THE WEST PROPERTY LINE OF THE BP GAS STATION (ELEVATION = 751.38).
℄ KIRK ROAD / FARNSWORTH AVENUE STA. 223+73.84 (ELEV. = 747.25)
VPI STA. = 228+00
ELEV. = 743.61
L = 200.00'
E = 0.07'
750.75
+63
-0.85%
-1.12%
PROPOSED PROFILE GRADE LINE
EXISTING CENTERLINE PROFILE
PROPOSED LEFT DITCH PROFILE
PROPOSED RIGHT DITCH PROFILE
760
755
750
745
740
735
730
725
720
753.07
752.57
752.14
751.75
751.35
750.88
750.44 750.43
750.02 750.01
749.60 749.58
749.19 749.16
748.76 748.73
748.35 748.30
747.93 747.88
747.49 747.45
747.06 747.02
746.65 746.60
746.18 746.17
745.72 745.75
745.25 745.32
744.77 744.89
744.30 744.47
743.79 744.02
743.24 743.55
742.73 743.04
742.24 742.50
741.71 741.94
741.29 741.38
740.83 740.83
740.32 740.27
739.76 739.71
739.20 739.15
218+00
219+00
220+00
221+00
222+00
223+00
224+00
225+00
226+00
227+00
228+00
229+00
230+00
231+00
232+00

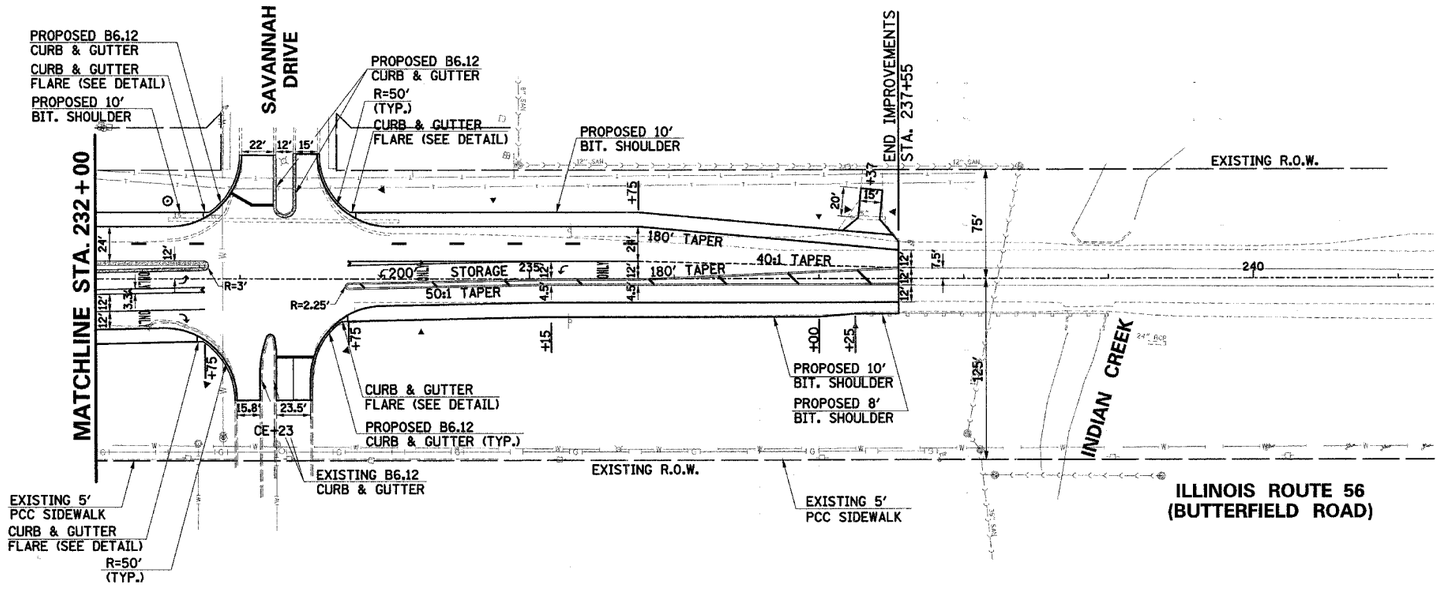
ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) STA. 217+00.00 TO STA. 232+00.00 – PLAN AND PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	25
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

SCALE IN FEET

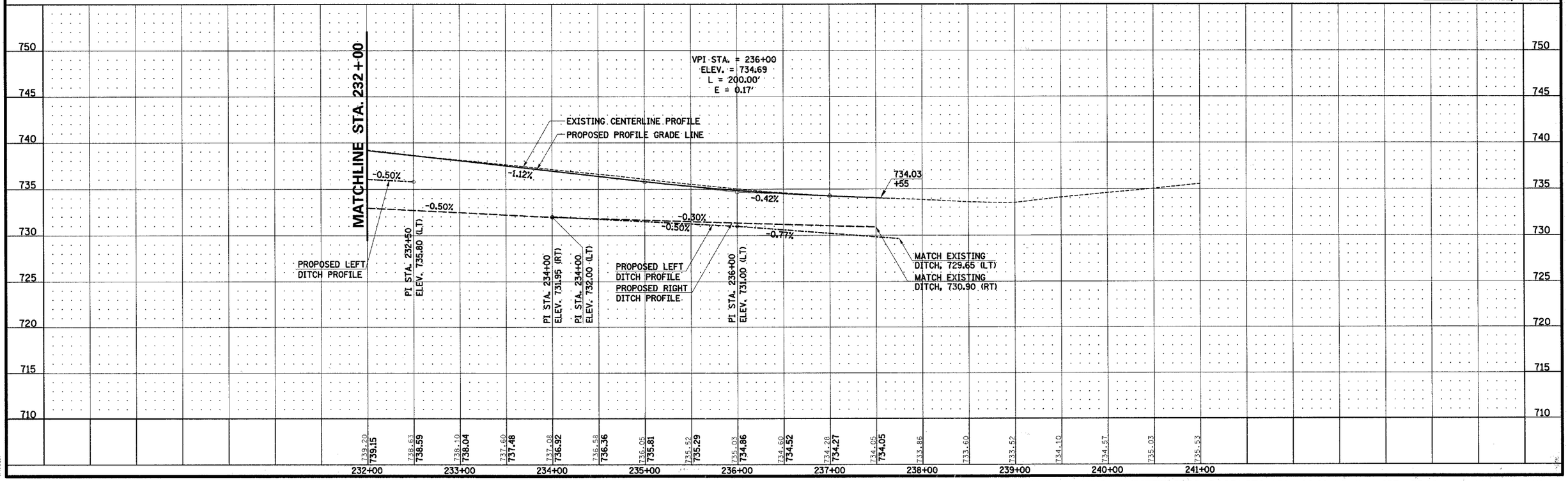
N



LEGEND

REVERSE PITCH CURB & GUTTER

CONCRETE MEDIAN SURFACE, 4 INCH

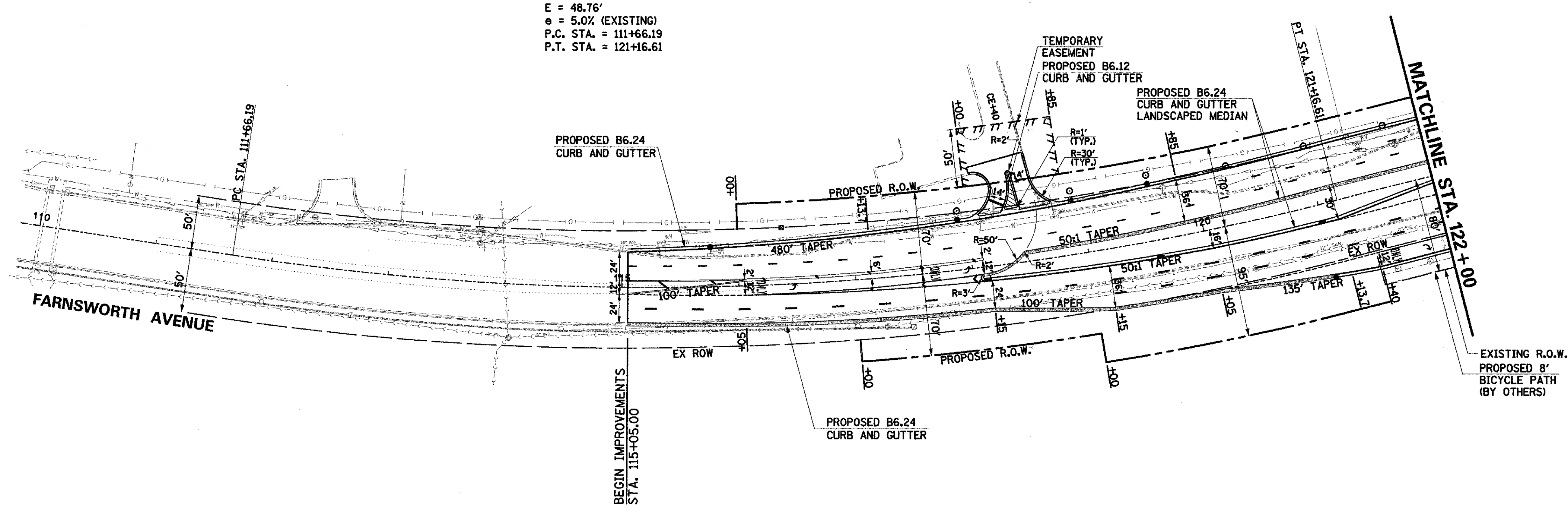


ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) STA. 232+00.00 TO STA. 237+55.00 – PLAN AND PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	26
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

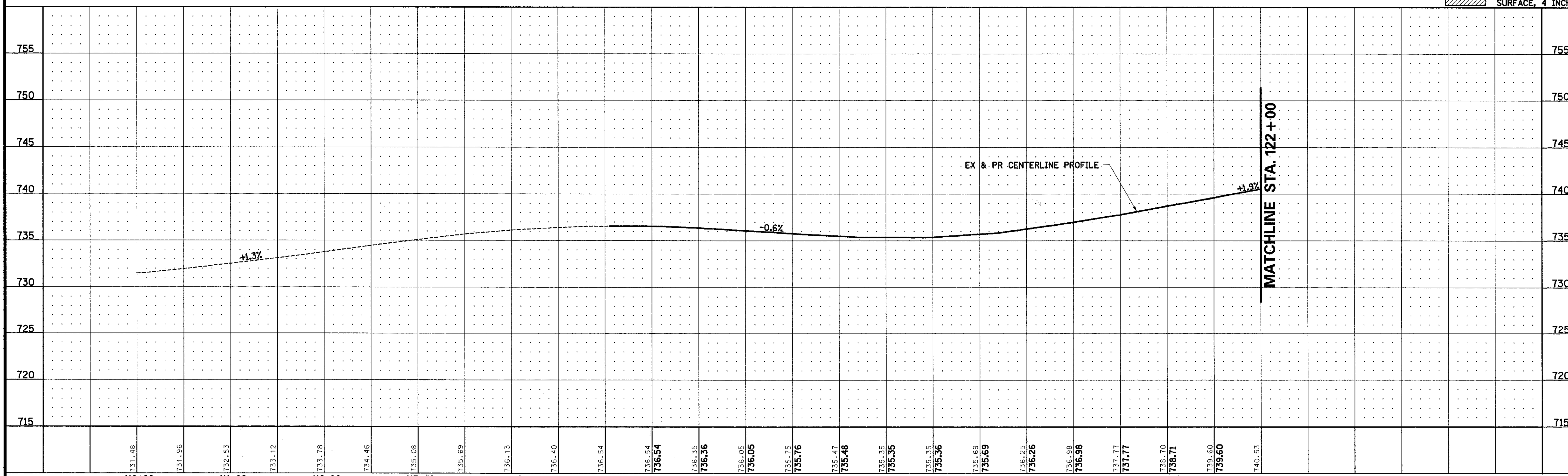
P.I. STA. = 116+47.95
Δ = 23° 07' 03" (LT)
D = 2° 25' 56"
R = 2355.60'
T = 481.77'
L = 950.43'
E = 48.76'
e = 5.0% (EXISTING)
P.C. STA. = 111+66.19
P.T. STA. = 121+16.61



LEGEND

REVERSE PITCH CURB & GUTTER

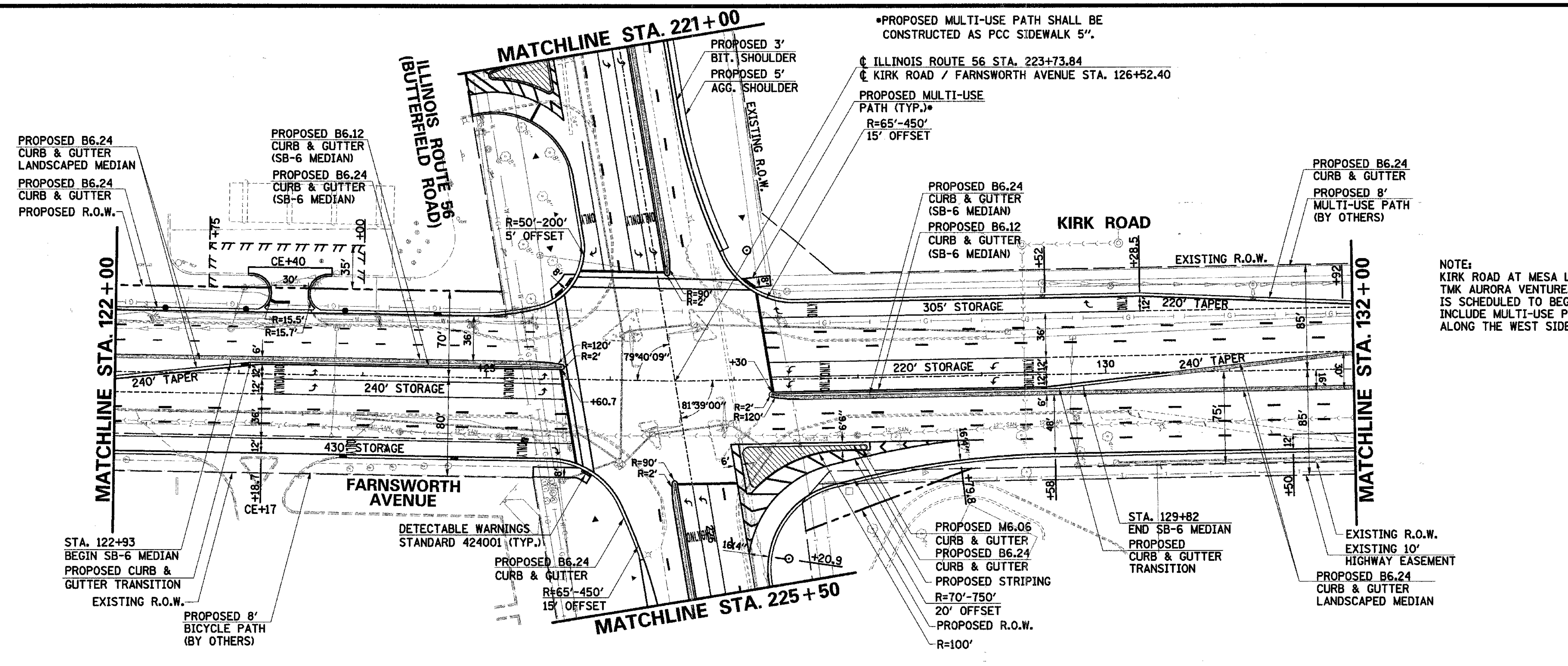
CONCRETE MEDIAN SURFACE, 4 INCH



FARNSWORTH AVENUE STA. 115+05.00 TO STA. 122+00.00 - PLAN AND PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	27
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



•PROPOSED MULTI-USE PATH SHALL BE CONSTRUCTED AS PCC SIDEWALK 5".
MATCHLINE STA. 221+00
MATCHLINE STA. 225+50
MATCHLINE STA. 122+00
MATCHLINE STA. 132+00
ILLINOIS ROUTE 56 (BUTTERFIELD ROAD)
KIRK ROAD
FARNSWORTH AVENUE
PROPOSED 3' BIT. SHOULDER
PROPOSED 5' AGG. SHOULDER
EXISTING R.O.W.
℄ ILLINOIS ROUTE 56 STA. 223+73.84
℄ KIRK ROAD / FARNSWORTH AVENUE STA. 126+52.40
PROPOSED MULTI-USE PATH (TYP.)•
R=65'-450' 15' OFFSET
PROPOSED B6.24 CURB & GUTTER LANDSCAPED MEDIAN
PROPOSED B6.24 CURB & GUTTER
PROPOSED R.O.W.
PROPOSED B6.12 CURB & GUTTER (SB-6 MEDIAN)
PROPOSED B6.24 CURB & GUTTER (SB-6 MEDIAN)
R=50'-200' 5' OFFSET
PROPOSED B6.24 CURB & GUTTER (SB-6 MEDIAN)
PROPOSED B6.12 CURB & GUTTER (SB-6 MEDIAN)
PROPOSED B6.24 CURB & GUTTER
PROPOSED 8' MULTI-USE PATH (BY OTHERS)
305' STORAGE
220' TAPER
220' STORAGE
240' TAPER
240' STORAGE
430' STORAGE
CE+40
CE+17
79°40'09"
81°39'00"
STA. 122+93 BEGIN SB-6 MEDIAN
PROPOSED CURB & GUTTER TRANSITION
EXISTING R.O.W.
PROPOSED 8' BICYCLE PATH (BY OTHERS)
DETECTABLE WARNINGS STANDARD 424001 (TYP.)
PROPOSED B6.24 CURB & GUTTER
R=65'-450' 15' OFFSET
PROPOSED M6.06 CURB & GUTTER
PROPOSED B6.24 CURB & GUTTER
PROPOSED STRIPING
R=70'-750' 20' OFFSET
PROPOSED R.O.W.
R=100'
STA. 129+82 END SB-6 MEDIAN
PROPOSED CURB & GUTTER TRANSITION
EXISTING R.O.W.
EXISTING 10' HIGHWAY EASEMENT
PROPOSED B6.24 CURB & GUTTER LANDSCAPED MEDIAN

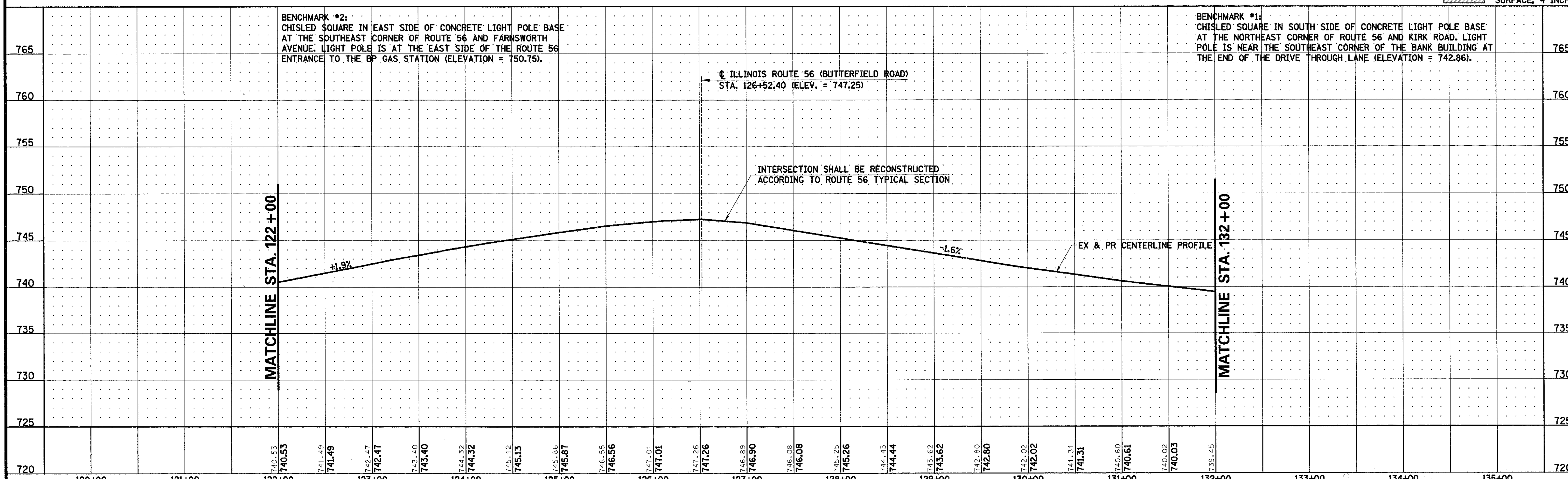
50 0 50 100
SCALE IN FEET

NOTE:
KIRK ROAD AT MESA LANE IMPROVEMENTS TO BE COMPLETED BY TMK AURORA VENTURE. CONSTRUCTION ON THOSE IMPROVEMENTS IS SCHEDULED TO BEGIN SPRING 2007. TMK IMPROVEMENTS ALSO INCLUDE MULTI-USE PATH, STORM SEWER, AND SANITARY SEWER ALONG THE WEST SIDE OF KIRK ROAD.

LEGEND

REVERSE PITCH CURB & GUTTER

CONCRETE MEDIAN SURFACE, 4 INCH



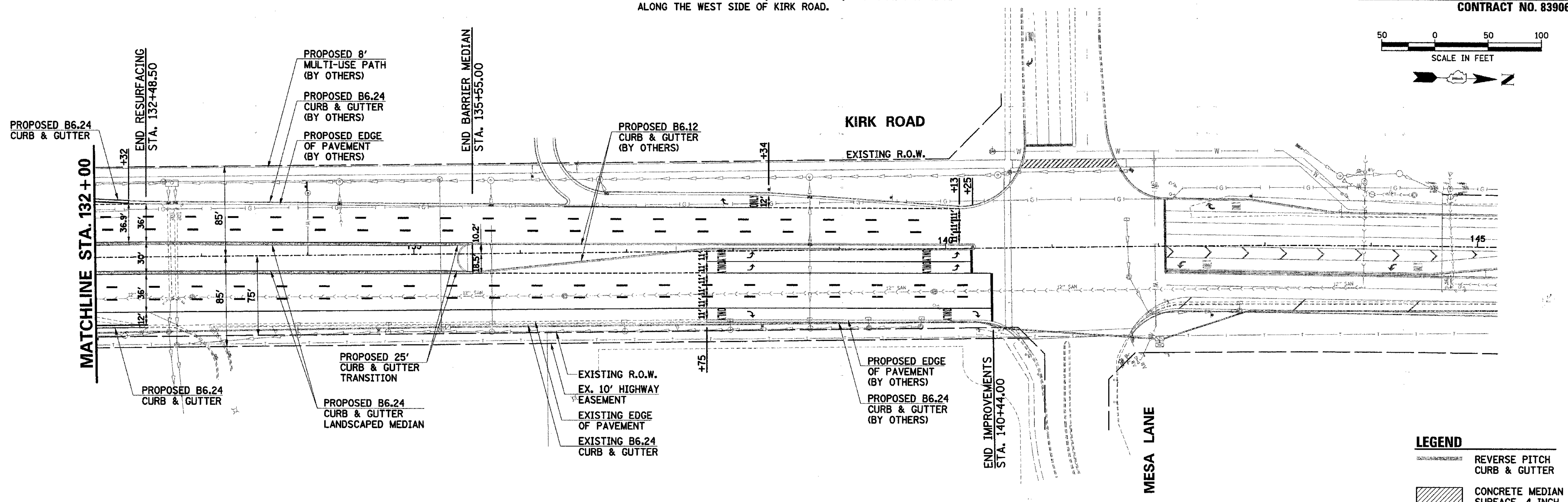
BENCHMARK #2: CHISLED SQUARE IN EAST SIDE OF CONCRETE LIGHT POLE BASE AT THE SOUTHEAST CORNER OF ROUTE 56 AND FARNSWORTH AVENUE. LIGHT POLE IS AT THE EAST SIDE OF THE ROUTE 56 ENTRANCE TO THE BP GAS STATION (ELEVATION = 750.75).
BENCHMARK #1: CHISLED SQUARE IN SOUTH SIDE OF CONCRETE LIGHT POLE BASE AT THE NORTHEAST CORNER OF ROUTE 56 AND KIRK ROAD. LIGHT POLE IS NEAR THE SOUTHEAST CORNER OF THE BANK BUILDING AT THE END OF THE DRIVE THROUGH LANE (ELEVATION = 742.86).
℄ ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) STA. 126+52.40 (ELEV. = 747.25)
INTERSECTION SHALL BE RECONSTRUCTED ACCORDING TO ROUTE 56 TYPICAL SECTION
EX & PR CENTERLINE PROFILE
+1.9%
-1.6%
MATCHLINE STA. 122+00
MATCHLINE STA. 132+00
765
760
755
750
745
740
735
730
725
720
740.53 740.53
741.49 741.49
742.47 742.47
743.40 743.40
744.32 744.32
745.12 745.13
745.86 745.87
746.55 746.56
747.01 747.01
747.26 747.26
746.89 746.90
746.08 746.08
745.25 745.26
744.43 744.44
743.62 743.62
742.80 742.80
742.02 742.02
741.31 741.31
740.60 740.61
740.02 740.03
739.45
120+00
121+00
122+00
123+00
124+00
125+00
126+00
127+00
128+00
129+00
130+00
131+00
132+00
133+00
134+00
135+00

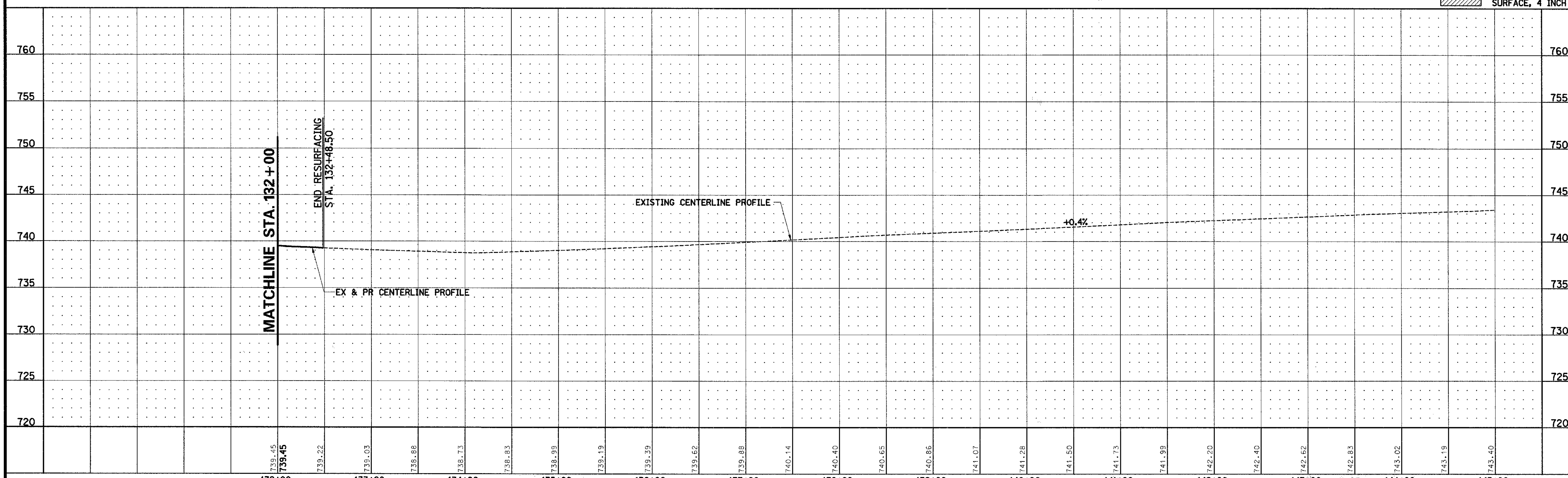
KIRK ROAD/FARNSWORTH AVENUE STA. 122+00.00 TO STA. 132+00.00 - PLAN AND PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	28
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

NOTE:
KIRK ROAD AT MESA LANE IMPROVEMENTS TO BE COMPLETED BY TMK AURORA VENTURE. CONSTRUCTION ON THOSE IMPROVEMENTS IS SCHEDULED TO BEGIN SPRING 2007. TMK IMPROVEMENTS ALSO INCLUDE MULTI-USE PATH, STORM SEWER, AND SANITARY SEWER ALONG THE WEST SIDE OF KIRK ROAD.

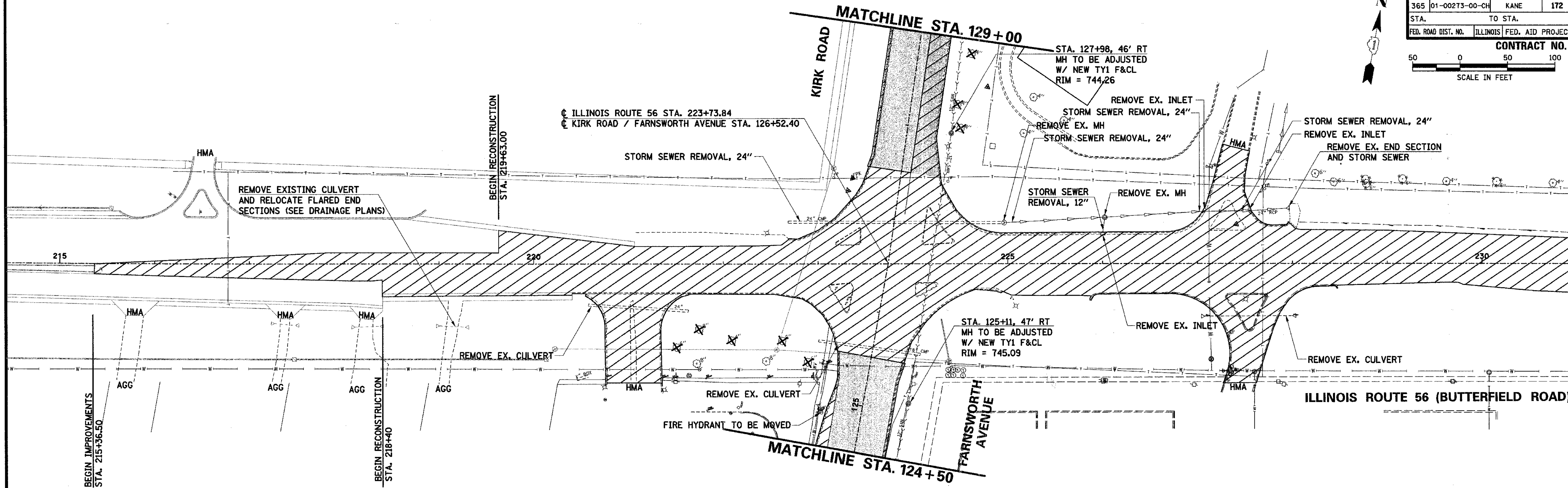




KIRK ROAD STA. 132+00.00 TO STA. 135+55.00 – PLAN AND PROFILE

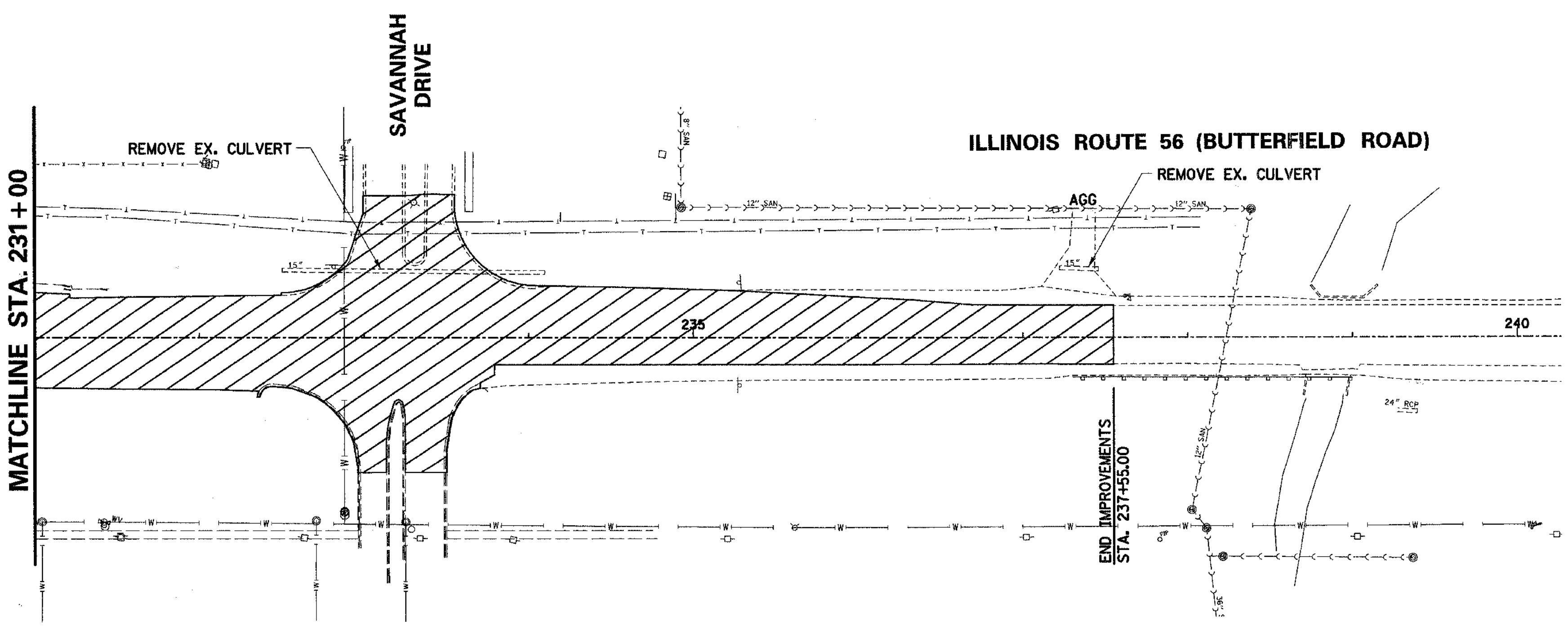
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



N
50 0 50 100
SCALE IN FEET
MATCHLINE STA. 129+00
KIRK ROAD
STA. 127+98, 46' RT
MH TO BE ADJUSTED
W/ NEW TY1 F&CL
RIM = 744.26
REMOVE EX. INLET
STORM SEWER REMOVAL, 24"
REMOVE EX. MH
STORM SEWER REMOVAL, 24"
STORM SEWER REMOVAL, 24"
REMOVE EX. INLET
REMOVE EX. END SECTION
AND STORM SEWER
℄ ILLINOIS ROUTE 56 STA. 223+73.84
℄ KIRK ROAD / FARNSWORTH AVENUE STA. 126+52.40
BEGIN RECONSTRUCTION
STA. 219+63.00
STORM SEWER REMOVAL, 24"
HMA
REMOVE EXISTING CULVERT
AND RELOCATE FLARED END
SECTIONS (SEE DRAINAGE PLANS)
STORM SEWER
REMOVAL, 12"
REMOVE EX. MH
HMA
MATCHLINE STA. 231+00
215
220
225
230
HMA
HMA
HMA
STA. 125+11, 47' RT
MH TO BE ADJUSTED
W/ NEW TY1 F&CL
RIM = 745.09
REMOVE EX. INLET
REMOVE EX. CULVERT
REMOVE EX. CULVERT
AGG
AGG
AGG
AGG
HMA
HMA
REMOVE EX. CULVERT
FIRE HYDRANT TO BE MOVED
FARNSWORTH AVENUE
ILLINOIS ROUTE 56 (BUTTERFIELD ROAD)
BEGIN IMPROVEMENTS
STA. 215+36.50
BEGIN RECONSTRUCTION
STA. 218+40
MATCHLINE STA. 124+50

NOTE:
ANY EXISTING WATER MAIN VALVE BOX LOCATED WITHIN THE PROPOSED PAVEMENT SHALL BE REMOVED AND REPLACED WITH A VALVE VAULT.



REMOVAL PLAN LEGEND

- PAVEMENT AND APPURTENANCE REMOVAL
- BITUMINOUS SURFACE REMOVAL
- TREE REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

REMOVAL PLAN

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

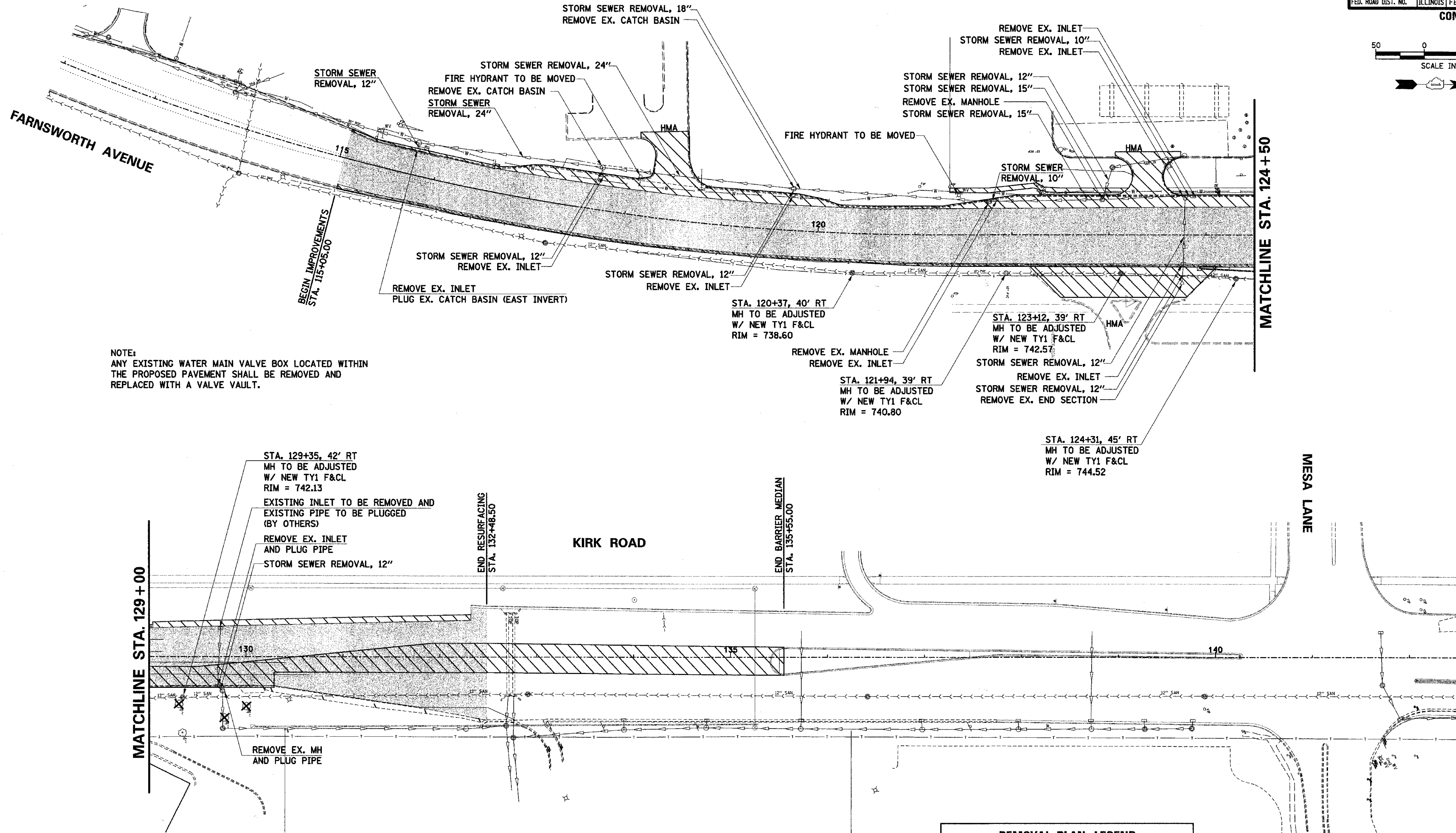
PLAN		BY	DATE
SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			
CADD FILE NAME			
NOTE BOOK			
NO.			

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

4/7/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	30
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



REMOVAL PLAN LEGEND

- PAVEMENT AND APPURTENANCE REMOVAL
- BITUMINOUS SURFACE REMOVAL
- TREE REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

REMOVAL PLAN

SCALE: VERT. HORIZ.

DATE APR 06 2007

DRAWN BY BAH

CHECKED BY APS

PLAN	
NOTE BOOK	SURVEYED
NO.	PLOTTED
	ALIGNMENT CHECKED
	RT. OF WAY CHECKED
	CADD FILE NAME

PROFILE	
NOTE BOOK	SURVEYED
NO.	PLOTTED
	GRADES CHECKED
	B.M. NOTED
	STRUCTURE NOTATIONS CHKD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	31
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

SUGGESTED MAINTENANCE OF TRAFFIC – GENERAL NOTES:

1. THE CONTRACTOR SHALL FURNISH, PLACE, AND MAINTAIN FOUR CHANGEABLE MESSAGE SIGNS. EXACT SIGN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER (SEE LOCATION MAP BELOW FOR APPROXIMATE LOCATIONS). TWO WEEKS PRIOR TO THE CONTRACTOR BEGINNING ANY WORK THE SIGNS SHALL BE ACTIVATED AND NOTE THE DATE CONSTRUCTION BEGINS AND THAT DELAYS CAN BE EXPECTED. THE SIGN MESSAGES SHALL BE MODIFIED THROUGHOUT THE PROJECT TO ALERT THE TRAVELING PUBLIC WHEN SIGNIFICANT CHANGES OCCUR (LANE CLOSURES, NEW LANE CONFIGURATION, ETC.)

2. THE FOLLOWING SEQUENCE OF OPERATIONS SHALL BE COMPLETED PRIOR TO SHIFTING TRAFFIC FOR STAGE I OPERATIONS:
   A. INSTALL TEMPORARY LIGHTING. REMOVE EXISTING LIGHTING ONCE TEMPORARY LIGHTING IS OPERATIONAL.
   B: INSTALL TEMPORARY TRAFFIC SIGNALS.
   C: ONCE TEMPORARY TRAFFIC SIGNALS ARE OPERATIONAL, REMOVE EXISTING TRAFFIC SIGNALS AND CHANNELIZING ISLANDS. HOLES LEFT BY THE REMOVAL OF THE CHANNELIZING ISLANDS SHALL BE FILLED WITH TEMPORARY PAVEMENT. THIS WORK SHALL BE ACCOMPLISHED UNDER TRAFFIC IN ACCORDANCE WITH STANDARD 701701.
   D: CONSTRUCT THE REQUIRED TEMPORARY PAVEMENT WIDENING AT THE EASTERN PROJECT LIMITS. THIS WORK SHALL BE ACCOMPLISHED UNDER TRAFFIC IN ACCORDANCE WITH STANDARD 701326. THE TEMPORARY PAVEMENT SHALL BE CONSTRUCTED OF HOT-MIX ASPHALT BASE COURSE 9" ON TOP OF AN AGGREGATE BASE COURSE CONSISTING OF SUB-BASE GRANULAR MATERIAL, TYPE B 8".

3. A MINIMUM OF ONE THROUGH LANE IN EACH DIRECTION SHALL REMAIN OPEN ON ROUTE 56 AT ALL TIMES. A MINIMUM OF TWO THROUGH LANES IN EACH DIRECTION SHALL REMAIN OPEN ON KIRK ROAD AND FARNSWORTH AVENUE AT ALL TIMES, EXCEPT FOR PERIODS OF SHORT DURATION AS REQUIRED BY MILLING AND RESURFACING OPERATIONS OR AS DETERMINED BY THE ENGINEER. LANE CLOSURES ON KIRK ROAD AND FARNSWORTH AVENUE WILL ONLY BE PERMITTED BETWEEN 9:00 AM AND 3:00 PM UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL TEMPORARY TRAFFIC LANES SHALL BE A MINIMUM OF 11' WIDE.

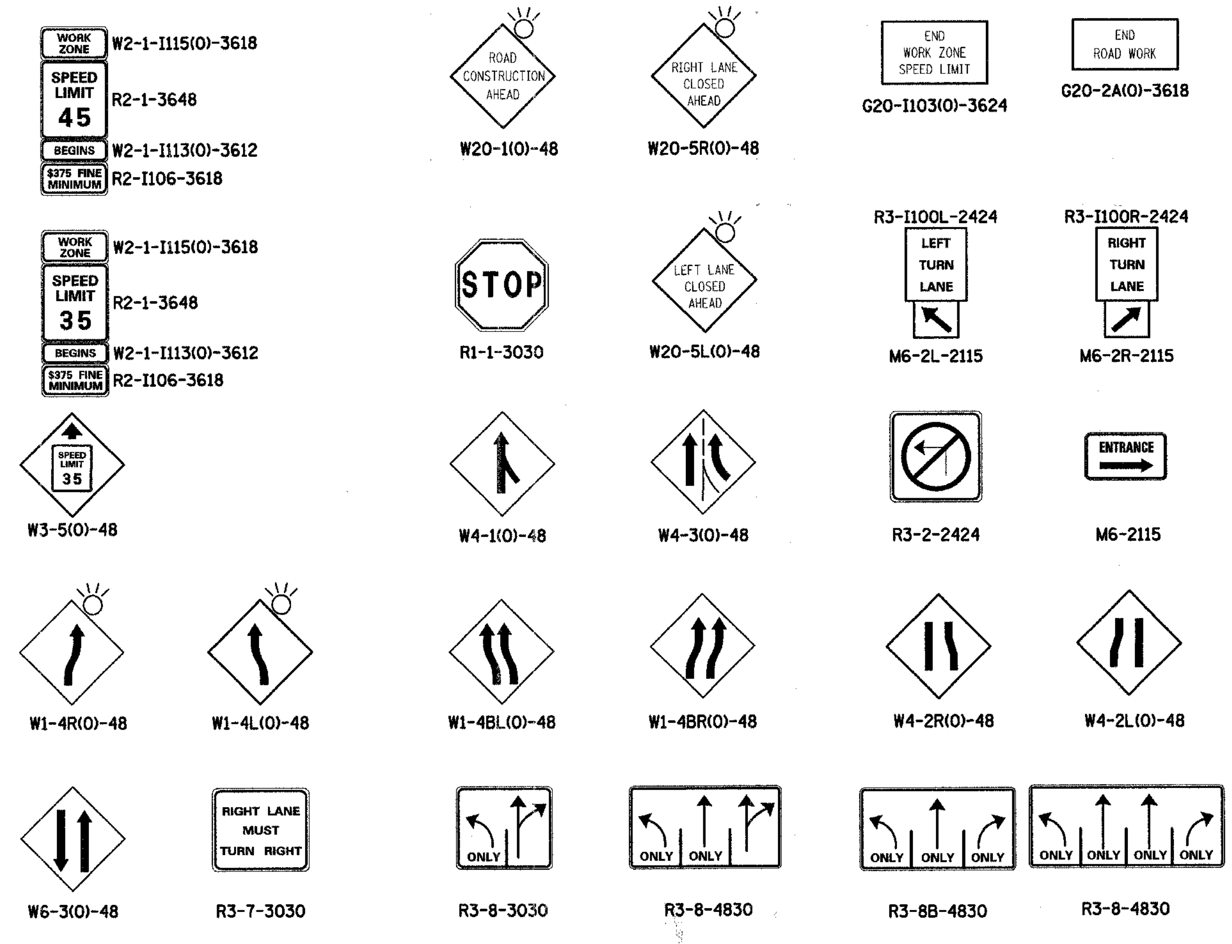
4. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR PERIODS OF SHORT DURATION AS DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS A MINIMUM OF 48 HOURS PRIOR TO ANY ACCESS RESTRICTIONS OR CLOSURES. CONSTRUCTION ADJACENT TO AN ENTRANCE OR SIDE ROAD, RESULTING IN A TEMPORARY CLOSURE TO THE ENTRANCE OR SIDE ROAD, SHALL BE EXPEDITED AND THE ENTRANCE OR SIDE ROAD REOPENED TO TRAFFIC AS SOON AS POSSIBLE. TEMPORARY CLOSURES AT ENTRANCES OR SIDE ROADS WILL NOT BE PERMITTED DURING THE WEEKEND.

5. WORK ZONE PAVEMENT MARKING FOR THE MAINTENANCE OF TRAFFIC SHALL CONSIST OF WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III (SEE SPECIAL PROVISIONS).

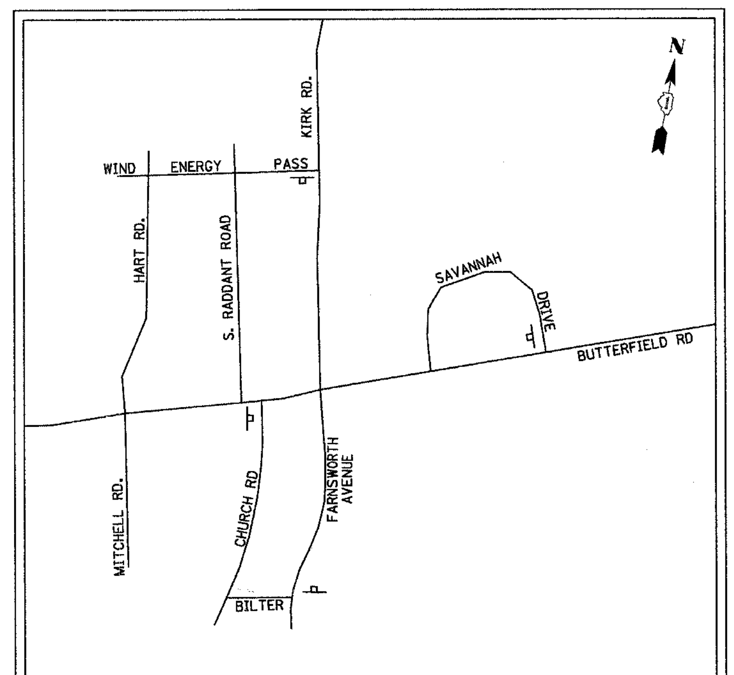
6. EXISTING OR PROPOSED TRAFFIC SIGNS CONFLICTING WITH THE TEMPORARY TRAFFIC CONTROL SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

7. THE ILLINOIS ROUTE 56 SURFACE COURSE SHALL BE PLACED IN ITS ENTIRETY AFTER THE COMPLETION OF STAGE VIII. THE KIRK ROAD AND FARNSWORTH AVENUE SURFACE COURSES SHALL BE PLACED IN THEIR ENTIRETY AFTER THE ROUTE 56 SURFACE COURSE HAS BEEN COMPLETED. THIS WORK SHALL BE ACCOMPLISHED UNDER TRAFFIC IN ACCORDANCE WITH THE APPLICABLE HIGHWAY STANDARDS.

SUGGESTED MAINTENANCE OF TRAFFIC – SIGN LEGEND



CHANGEABLE MESSAGE SIGN LOCATIONS



NOTE:
THE ABOVE CHANGEABLE MESSAGE SIGN LOCATIONS ARE APPROXIMATE.
EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC GENERAL NOTES AND SIGN LEGEND

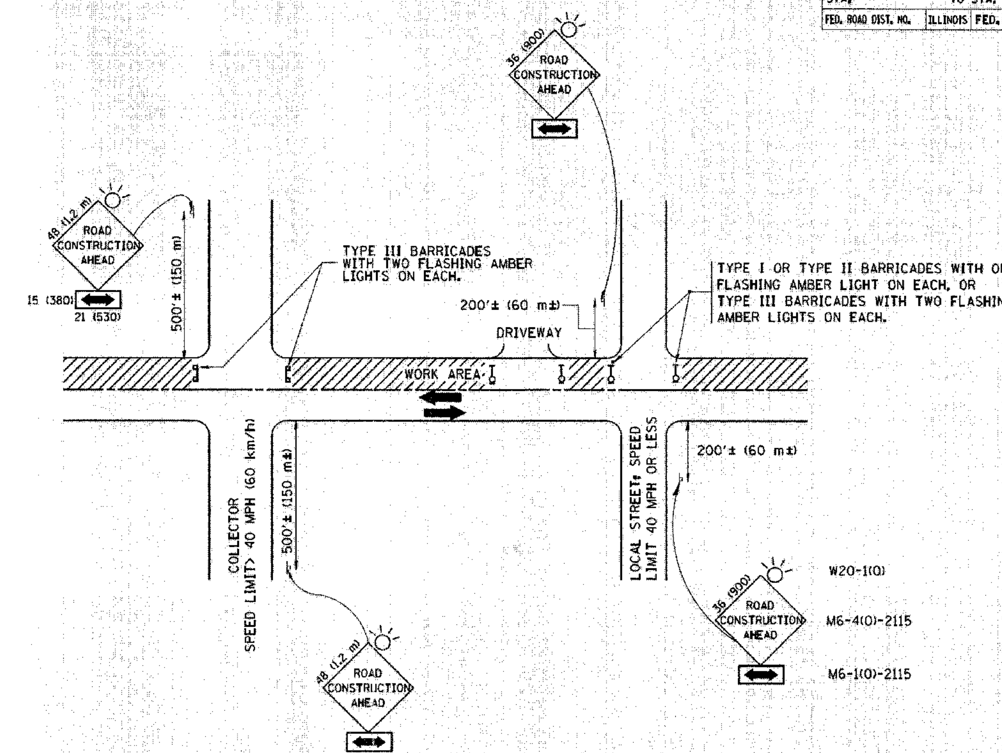
SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN: NOTE BOOK, NO., SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, BY, DATE

PROFILE: NOTE BOOK, NO., SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD, BY, DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	32
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



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

NOTES:

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

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

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

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

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

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

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

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

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

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

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

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

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

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

SCALE:
DATE: 1/17/2007
DRAWN BY
CHECKED BY
TC-10
REVISION DATE: 01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC DETAILS

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	33

STA. TO STA.

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

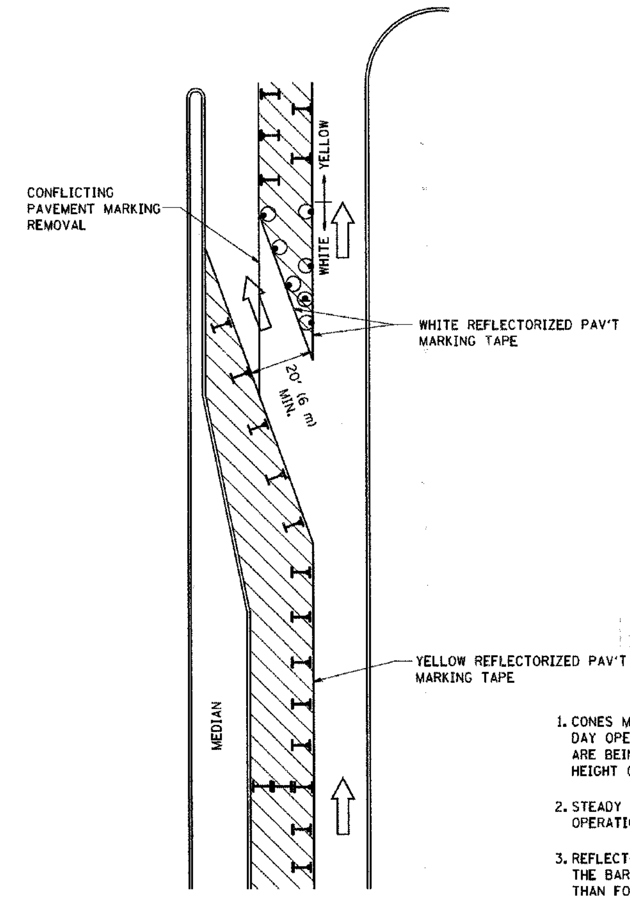
CONTRACT NO. 83906

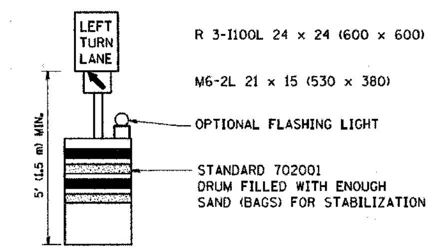
CONTRACT NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.

STA. TO STA.

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT





GENERAL NOTES

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

LEGEND

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

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

REVISIONS NAME	DATE
T. RAMMACHER	09/08/94
A. HOUSEH	11/07/95
A. HOUSEH	10/12/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

SCALE: NONE
DATE: 1/17/2007
DRAWN BY
CHECKED BY LHA
TC-14
REVISION DATE: 01/06/00

PLAN: NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME — BY — DATE

PROFILE: NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD — BY — DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC DETAILS

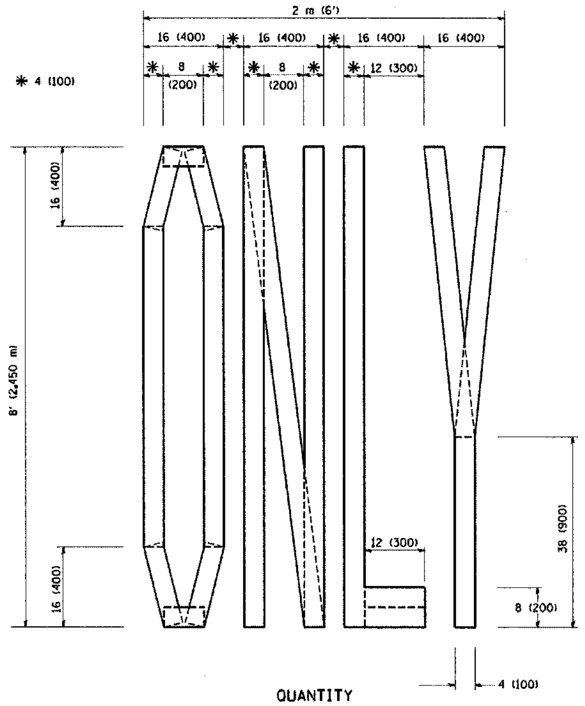
SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	34
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

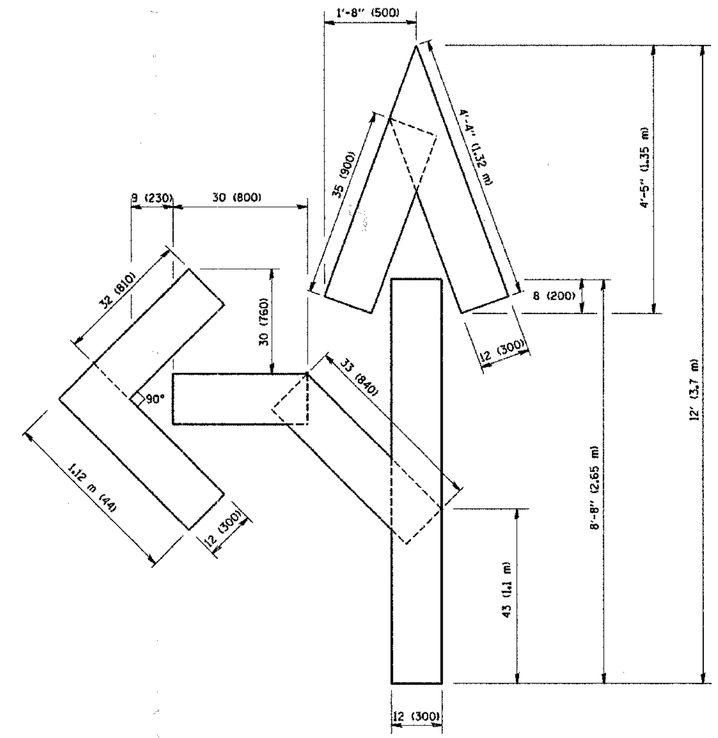
CONTRACT NO. 83906

CONTRACT NO.

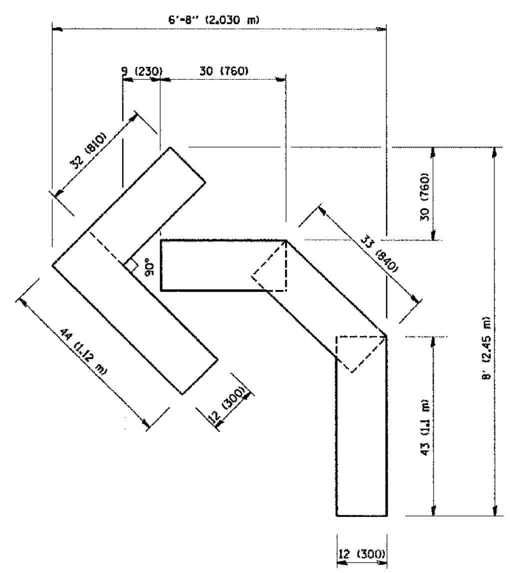
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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



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



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

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/98
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	08/28/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
LETTERS AND SYMBOLS
FOR TRAFFIC STAGING

SCALE: NONE
DATE: 1/17/2007
DRAWN BY CADD
CHECKED BY
TC-16
REVISION DATE: 08/28/00

PLOT DATE = 1/17/2007
FILE NAME = ...
PLOT SCALE = 50.0000 ' / IN.
USER NAME = ...

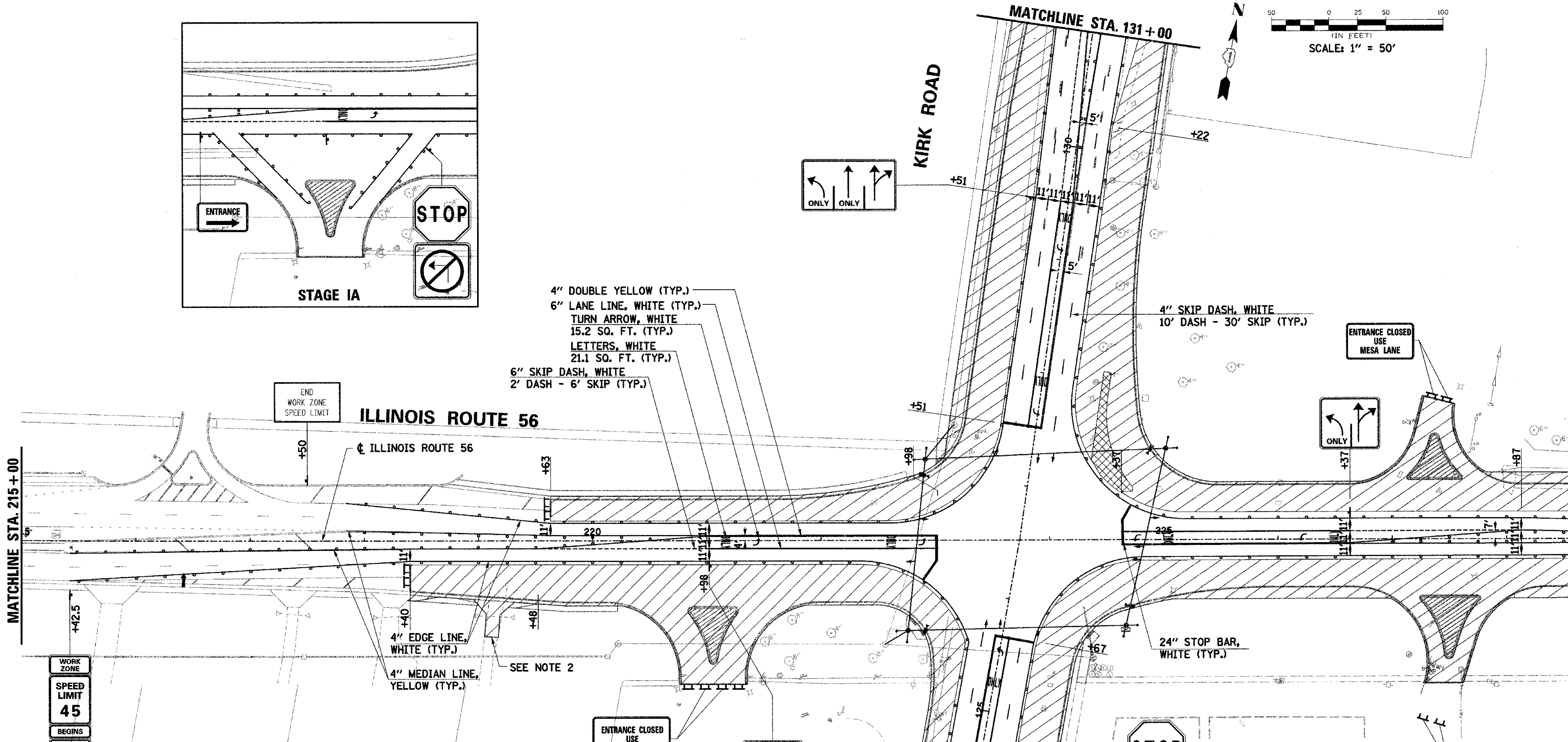
PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC DETAILS

SCALE: VERT.
HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS



STAGE I (DESCRIPTION OF WORK):

TRAFFIC CONTROL:

1. CLOSE ILLINOIS ROUTE 56 RIGHT-TURN LANES. PROVIDE 11' WIDE THROUGH AND LEFT-TURN LANES ON EXISTING PAVEMENT.
2. PROVIDE 11' LANES FOR ALL TRAFFIC ON KIRK ROAD AND FARNSWORTH AVENUE WHILE MAINTAINING THE EXISTING TRAFFIC PATTERN. TEMPORARY LANE CLOSURES WILL BE PERMITTED TO ACCOMODATE MILLING OPERATIONS.

WORK ZONES:

1. REMOVE THE EXISTING ROUTE 56 PAVEMENT ADJACENT TO THE TEMPORARY TRAVELED WAY. CONSTRUCT THE PROPOSED PAVEMENT OUTSIDE OF THE TEMPORARY TRAVELED WAY, INCLUDING, THE TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE PROPOSED FREE-FLOW ISLAND. COMPLETE THE REQUIRED WORK FOR THE NORTH LEG OF THE SAVANNAH DRIVE INTERSECTION. TERMINATE CONSTRUCTION ALONG THE SOUTH SIDE OF ROUTE 56 SHORT OF SAVANNAH DRIVE. WORK SHALL ONLY BE PERFORMED ON ONE SIDE OF ROUTE 56 AT A TIME IN ACCORDANCE WITH IDOT POLICY.
2. REMOVE THE EXISTING CURB AND GUTTER ON KIRK ROAD AND FARNSWORTH AVENUE AND THE REQUIRED SECTIONS OF THE EXISTING PAVEMENT (NOT WITHIN THE PROPOSED MEDIAN AREAS) ON FARNSWORTH AVENUE. CONSTRUCT THE BITUMINOUS BASE COURSE IN THE WIDENING AREAS. PRIOR TO PLACING THE FINAL LIFT OF THE BITUMINOUS BASE COURSE, THE REMAINING PORTIONS OF THE EXISTING KIRK AND FARNSWORTH PAVEMENT SHALL BE MILLED (SEE TYPICAL SECTIONS). THE MILLED SURFACE SHALL INCLUDE THE EXISTING PAVEMENT WITHIN THE LIMITS OF THE PROPOSED MEDIANS. TEMPORARY RAMPS SHALL BE CONSTRUCTED AT THE ROUTE 56 INTERSECTION AND AT THE NORTH AND SOUTH ENDS OF THE MILLED PAVEMENT IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS. WORK SHALL ONLY BE PERFORMED ON ONE SIDE OF KIRK/FARNSWORTH AT A TIME.
3. CONSTRUCT AS MUCH OF THE PROPOSED STORM SEWER AS PRACTICAL ALONG ROUTE 56 AND FARNSWORTH AVENUE. LATERALS AND MEDIAN STRUCTURES SHALL BE INSTALLED AS THE ROADWAY CONSTRUCTION ALLOWS IN SUBSEQUENT STAGES.

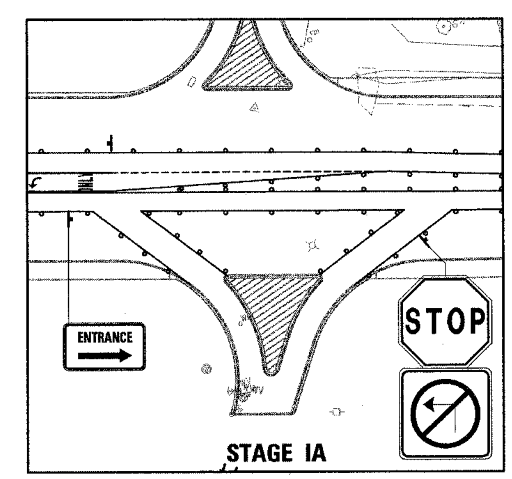
NOTES:

1. FARNSWORTH ENTRANCES SHALL REMAIN OPEN UNTIL ROUTE 56 ENTRANCES ARE COMPLETED AND OPENED TO TRAFFIC (SEE DETAILS FOR STAGE IA).
2. CONSTRUCTION AT AND/OR ADJACENT TO PRIVATE ENTRANCES SHALL BE STAGED SO THAT ACCESS IS MAINTAINED AT ALL TIMES EXCEPT FOR PERIODS OF SHORT DURATION AS DETERMINED BY THE ENGINEER.

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII



ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

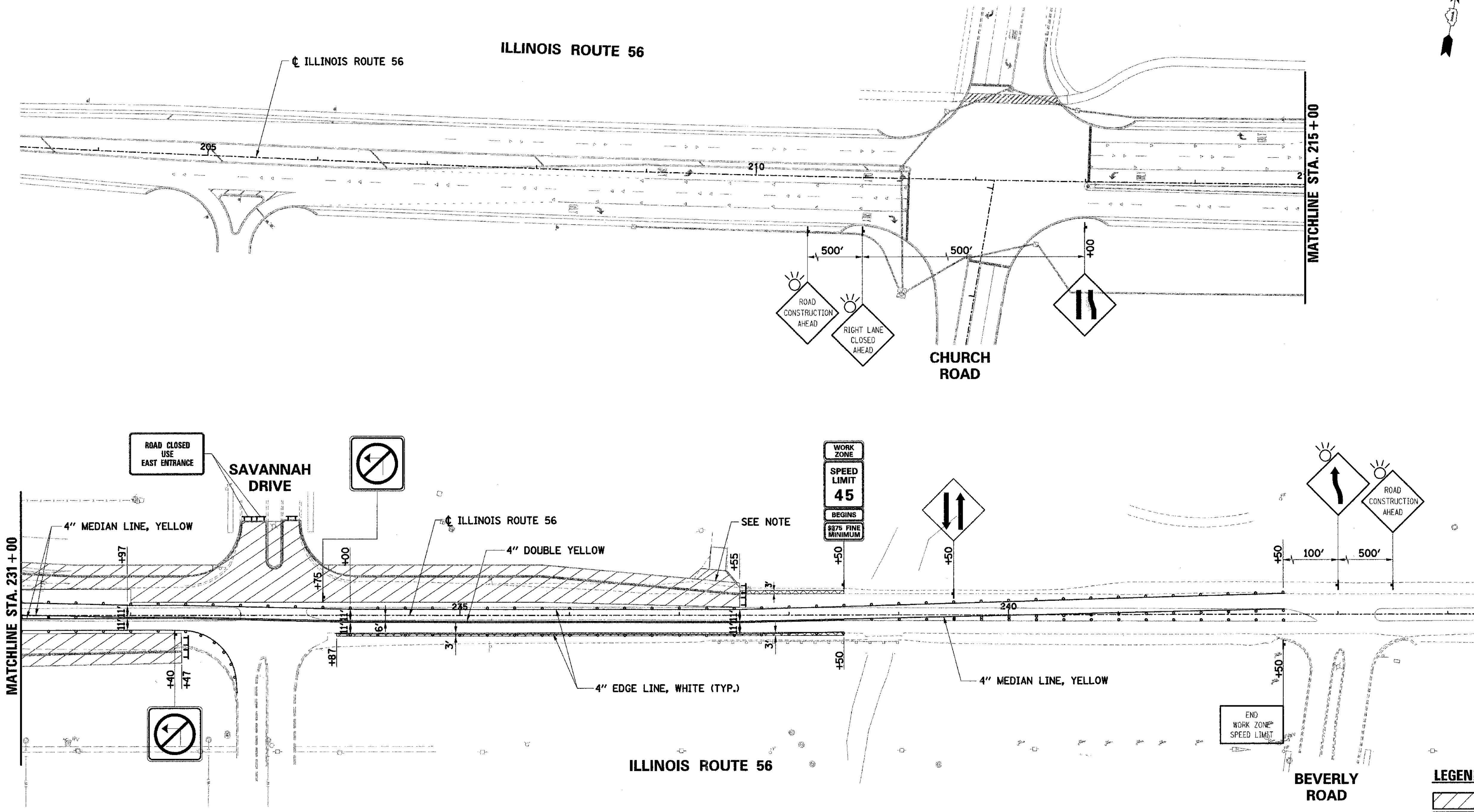
SUGGESTED MAINTENANCE OF TRAFFIC STAGE I SHEET 1 OF 3

SCALE: VERT. HORIZ. DRAWN BY BAH
DATE APR 06 2007 CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	36
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

SCALE: 1" = 50'



NOTE:
CONSTRUCTION AT AND/OR ADJACENT TO PRIVATE ENTRANCES SHALL BE STAGED SO THAT ACCESS IS MAINTAINED AT ALL TIMES EXCEPT FOR PERIODS OF SHORT DURATION AS DETERMINED BY THE ENGINEER.

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE *
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

* DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE I
SHEET 2 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

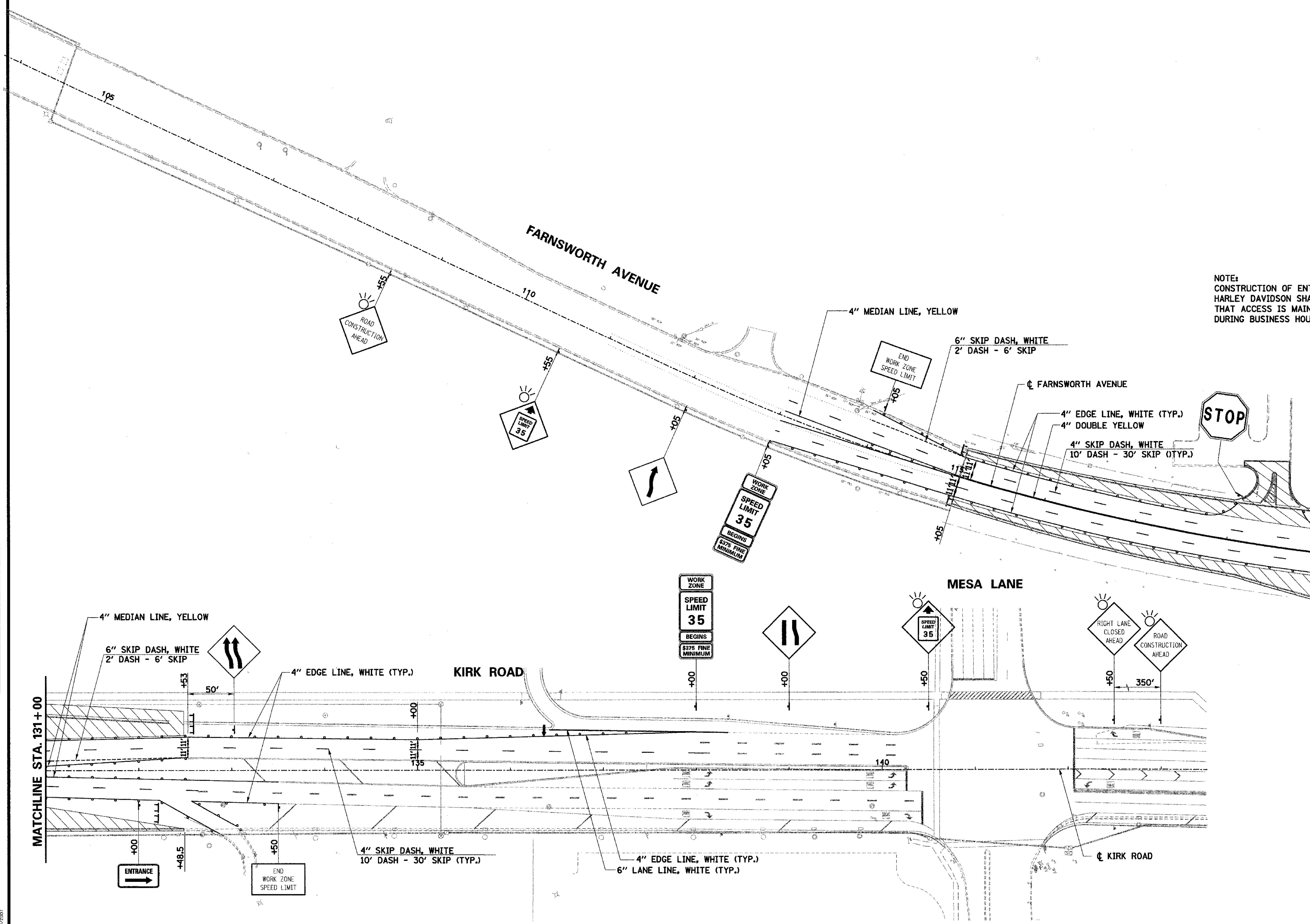
PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.O.W. CHECKED, CADD FILE NAME, NOTE BOOK NO.

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK NO.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

SCALE: 1" = 50'



NOTE:
CONSTRUCTION OF ENTRANCE TO NADLER HARLEY DAVIDSON SHALL BE STAGED SO THAT ACCESS IS MAINTAINED AT ALL TIMES DURING BUSINESS HOURS.

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE I
SHEET 3 OF 3

SCALE: VERT. HORIZ. — DRAWN BY BAH
DATE APR 06 2007 — CHECKED BY APS

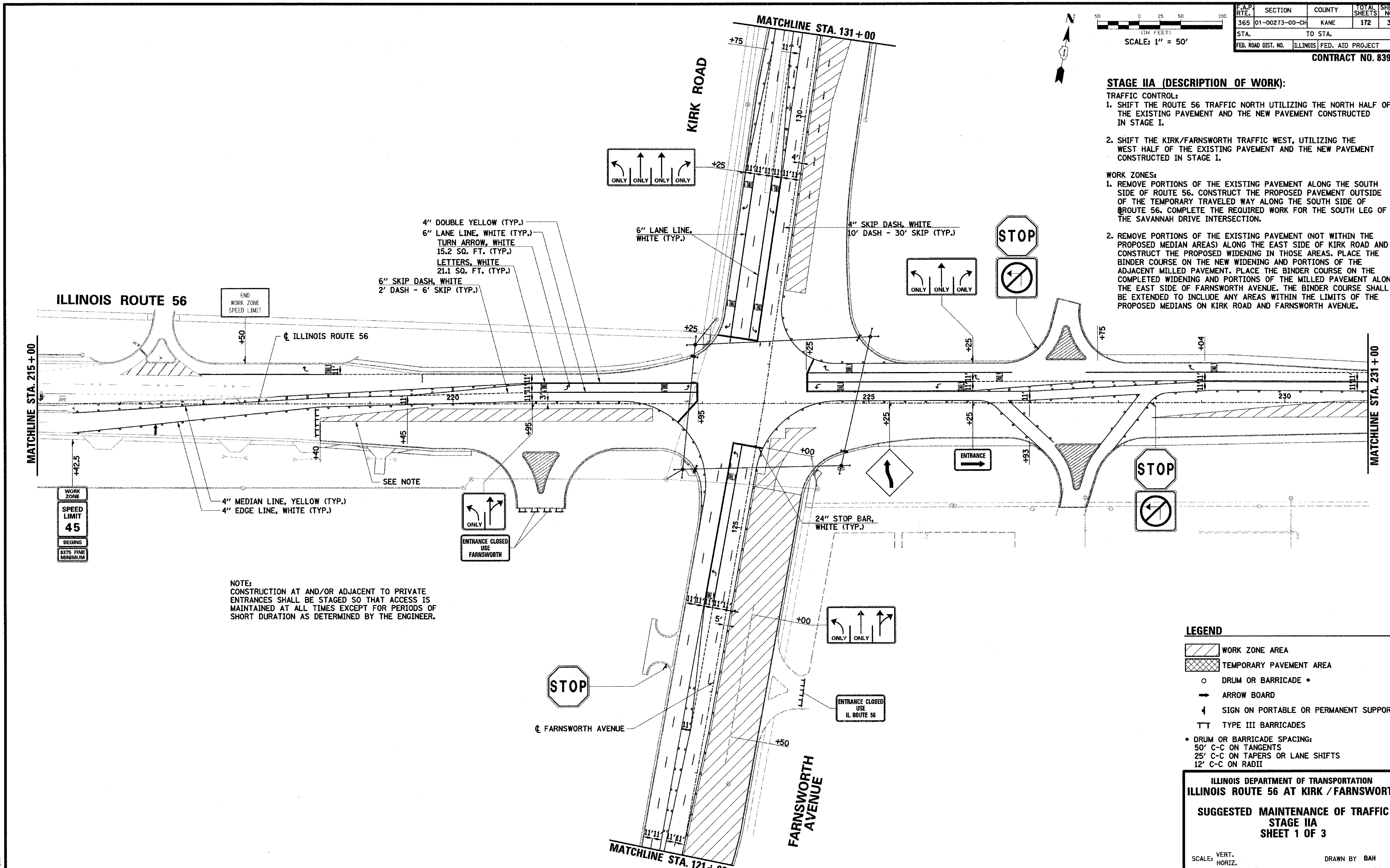
PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATIONS CHKD		
NOTE BOOK NO.		

4/10/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	38
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



STAGE IIA (DESCRIPTION OF WORK):

TRAFFIC CONTROL:

1. SHIFT THE ROUTE 56 TRAFFIC NORTH UTILIZING THE NORTH HALF OF THE EXISTING PAVEMENT AND THE NEW PAVEMENT CONSTRUCTED IN STAGE I.

2. SHIFT THE KIRK/FARNSWORTH TRAFFIC WEST, UTILIZING THE WEST HALF OF THE EXISTING PAVEMENT AND THE NEW PAVEMENT CONSTRUCTED IN STAGE I.

WORK ZONES:

1. REMOVE PORTIONS OF THE EXISTING PAVEMENT ALONG THE SOUTH SIDE OF ROUTE 56. CONSTRUCT THE PROPOSED PAVEMENT OUTSIDE OF THE TEMPORARY TRAVELED WAY ALONG THE SOUTH SIDE OF ROUTE 56. COMPLETE THE REQUIRED WORK FOR THE SOUTH LEG OF THE SAVANNAH DRIVE INTERSECTION.

2. REMOVE PORTIONS OF THE EXISTING PAVEMENT (NOT WITHIN THE PROPOSED MEDIAN AREAS) ALONG THE EAST SIDE OF KIRK ROAD AND CONSTRUCT THE PROPOSED WIDENING IN THOSE AREAS. PLACE THE BINDER COURSE ON THE NEW WIDENING AND PORTIONS OF THE ADJACENT MILLED PAVEMENT. PLACE THE BINDER COURSE ON THE COMPLETED WIDENING AND PORTIONS OF THE MILLED PAVEMENT ALONG THE EAST SIDE OF FARNSWORTH AVENUE. THE BINDER COURSE SHALL BE EXTENDED TO INCLUDE ANY AREAS WITHIN THE LIMITS OF THE PROPOSED MEDIANS ON KIRK ROAD AND FARNSWORTH AVENUE.

NOTE:
CONSTRUCTION AT AND/OR ADJACENT TO PRIVATE ENTRANCES SHALL BE STAGED SO THAT ACCESS IS MAINTAINED AT ALL TIMES EXCEPT FOR PERIODS OF SHORT DURATION AS DETERMINED BY THE ENGINEER.

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE IIA
SHEET 1 OF 3

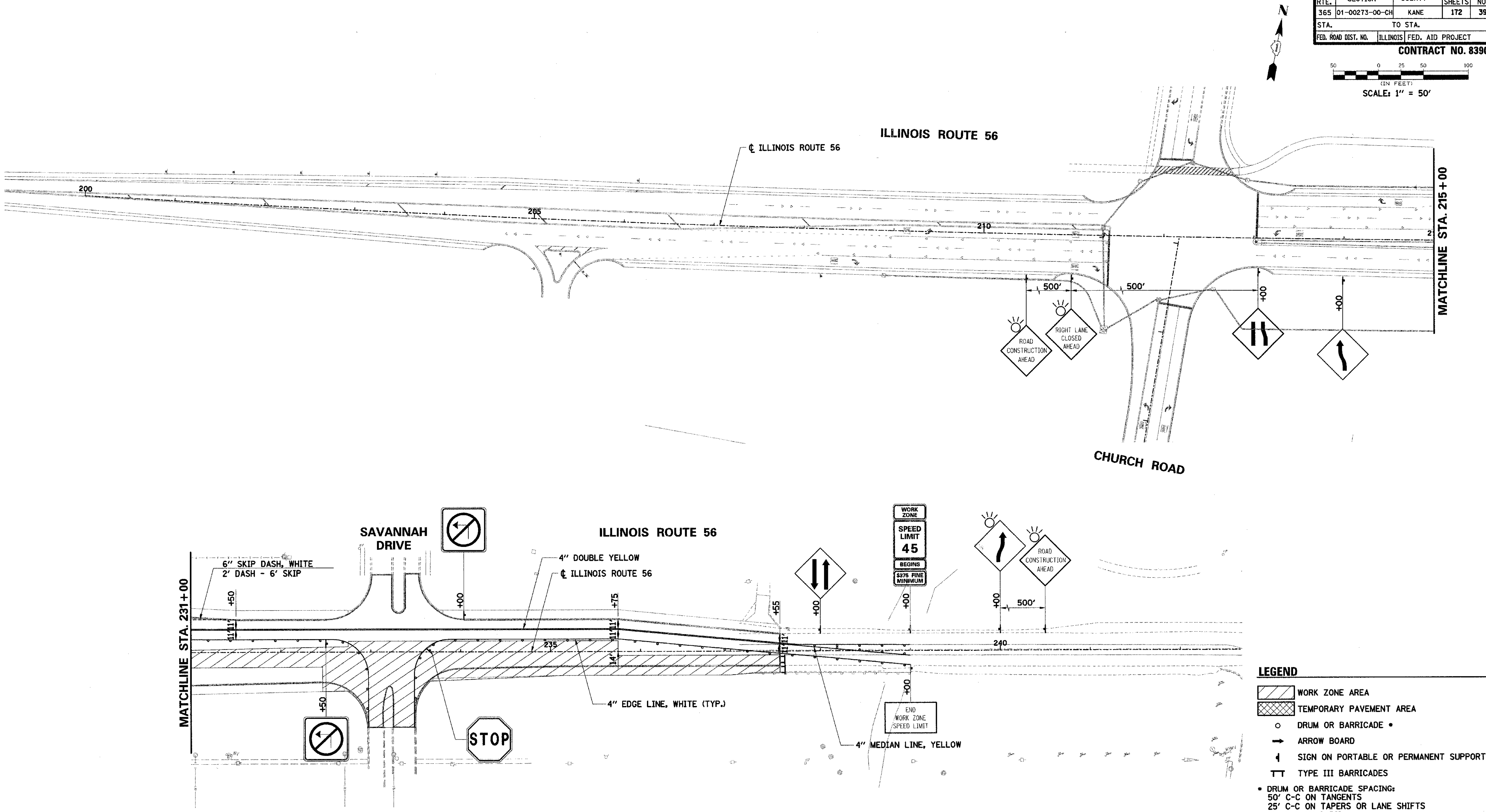
SCALE: VERT. HORIZ.
DRAWN BY BAH
DATE APR 06 2007
CHECKED BY APS

PLAN: NOTE BOOK / NO. / SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.T. OF WAY CHECKED / CADD FILE NAME / BY / DATE

PROFILE: NOTE BOOK / NO. / SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / BY / DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	39
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



NOTE:
CONSTRUCTION OF ENTRANCE TO BUTTERFIELD VILLAGE CENTER SHALL BE STAGED SO THAT ACCESS IS MAINTAINED AT ALL TIMES.

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE IIA
SHEET 2 OF 3

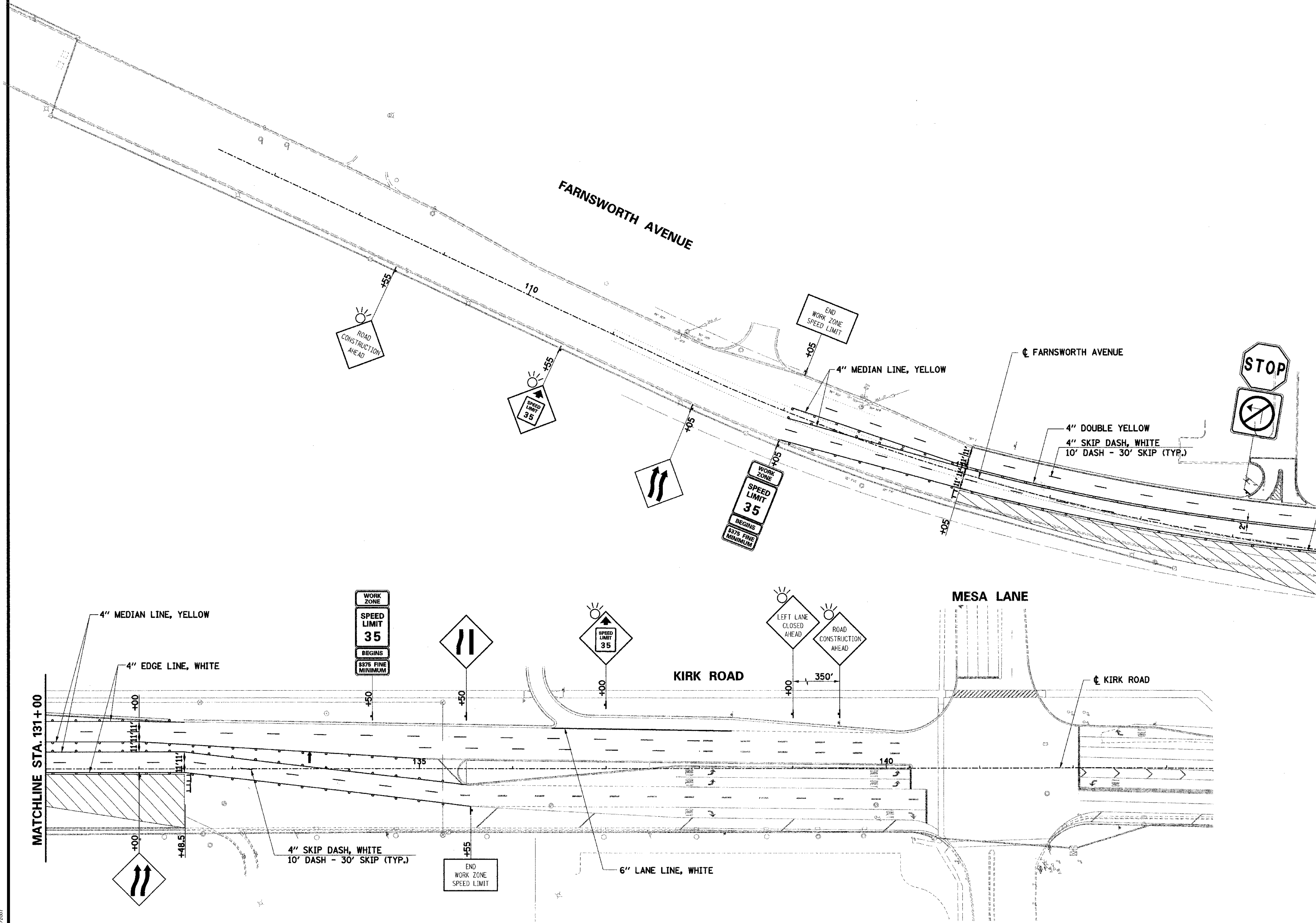
SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKED, NOTE BOOK, NO., BY, DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	40
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



SCALE: 1" = 50'
(IN FEET)
FARNSWORTH AVENUE
℄ FARNSWORTH AVENUE
4" MEDIAN LINE, YELLOW
4" DOUBLE YELLOW
4" SKIP DASH, WHITE
10' DASH - 30' SKIP (TYP.)
4" EDGE LINE, WHITE
ROAD CONSTRUCTION AHEAD
SPEED LIMIT 35
WORK ZONE SPEED LIMIT 35 BEGINS $375 FINE MINIMUM
END WORK ZONE SPEED LIMIT
STOP
MATCHLINE STA. 121+00
MESA LANE
KIRK ROAD
℄ KIRK ROAD
LEFT LANE CLOSED AHEAD
350'
6" LANE LINE, WHITE
MATCHLINE STA. 131+00

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC STAGE IIA SHEET 3 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	41
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

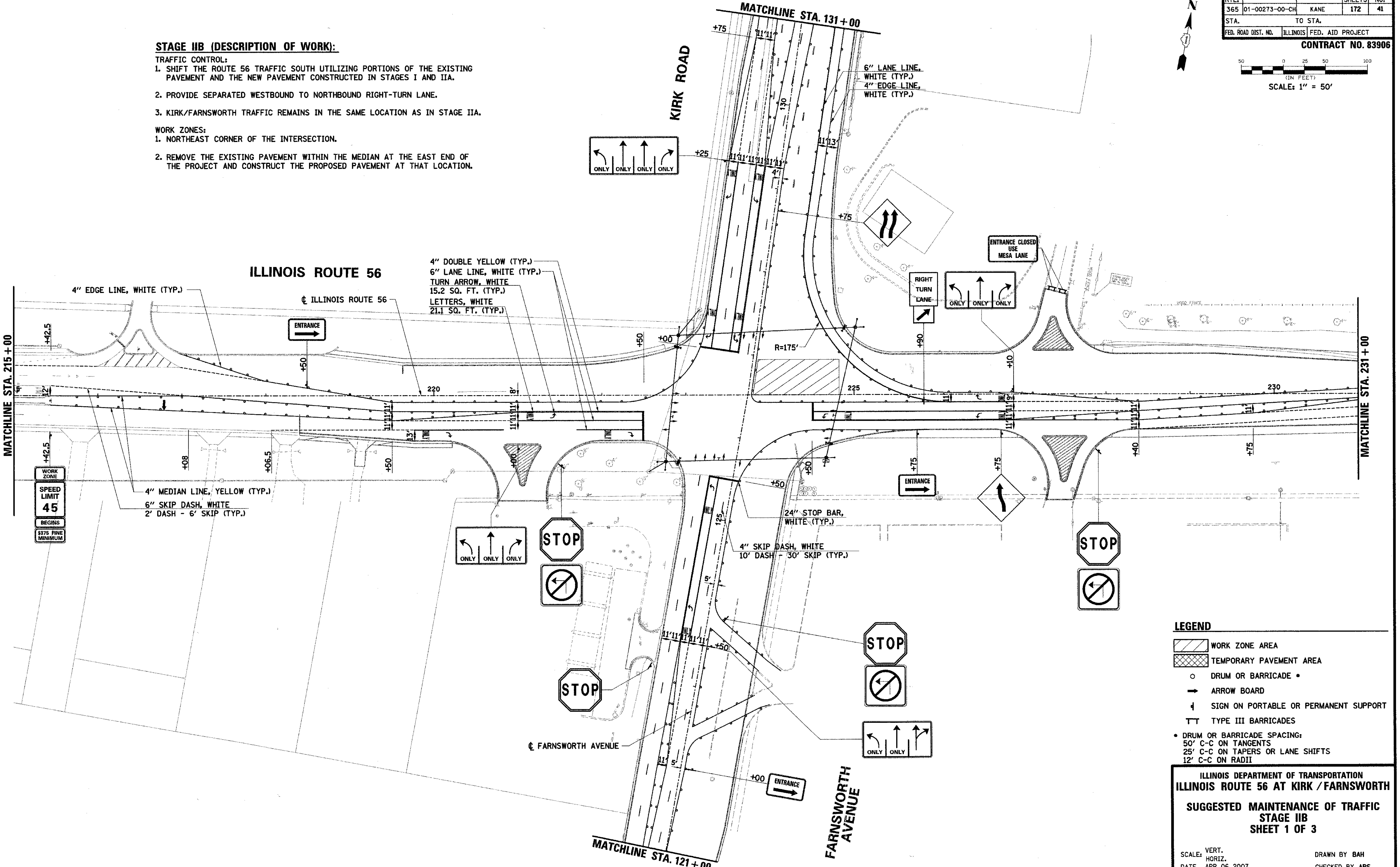
STAGE IIB (DESCRIPTION OF WORK):

TRAFFIC CONTROL:

1. SHIFT THE ROUTE 56 TRAFFIC SOUTH UTILIZING PORTIONS OF THE EXISTING PAVEMENT AND THE NEW PAVEMENT CONSTRUCTED IN STAGES I AND IIA.
2. PROVIDE SEPARATED WESTBOUND TO NORTHBOUND RIGHT-TURN LANE.
3. KIRK/FARNSWORTH TRAFFIC REMAINS IN THE SAME LOCATION AS IN STAGE IIA.

WORK ZONES:

1. NORTHEAST CORNER OF THE INTERSECTION.
2. REMOVE THE EXISTING PAVEMENT WITHIN THE MEDIAN AT THE EAST END OF THE PROJECT AND CONSTRUCT THE PROPOSED PAVEMENT AT THAT LOCATION.



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC STAGE IIB SHEET 1 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN	
NOTE BOOK ___ NO. ___	SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME

PROFILE	
NOTE BOOK ___ NO. ___	SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD

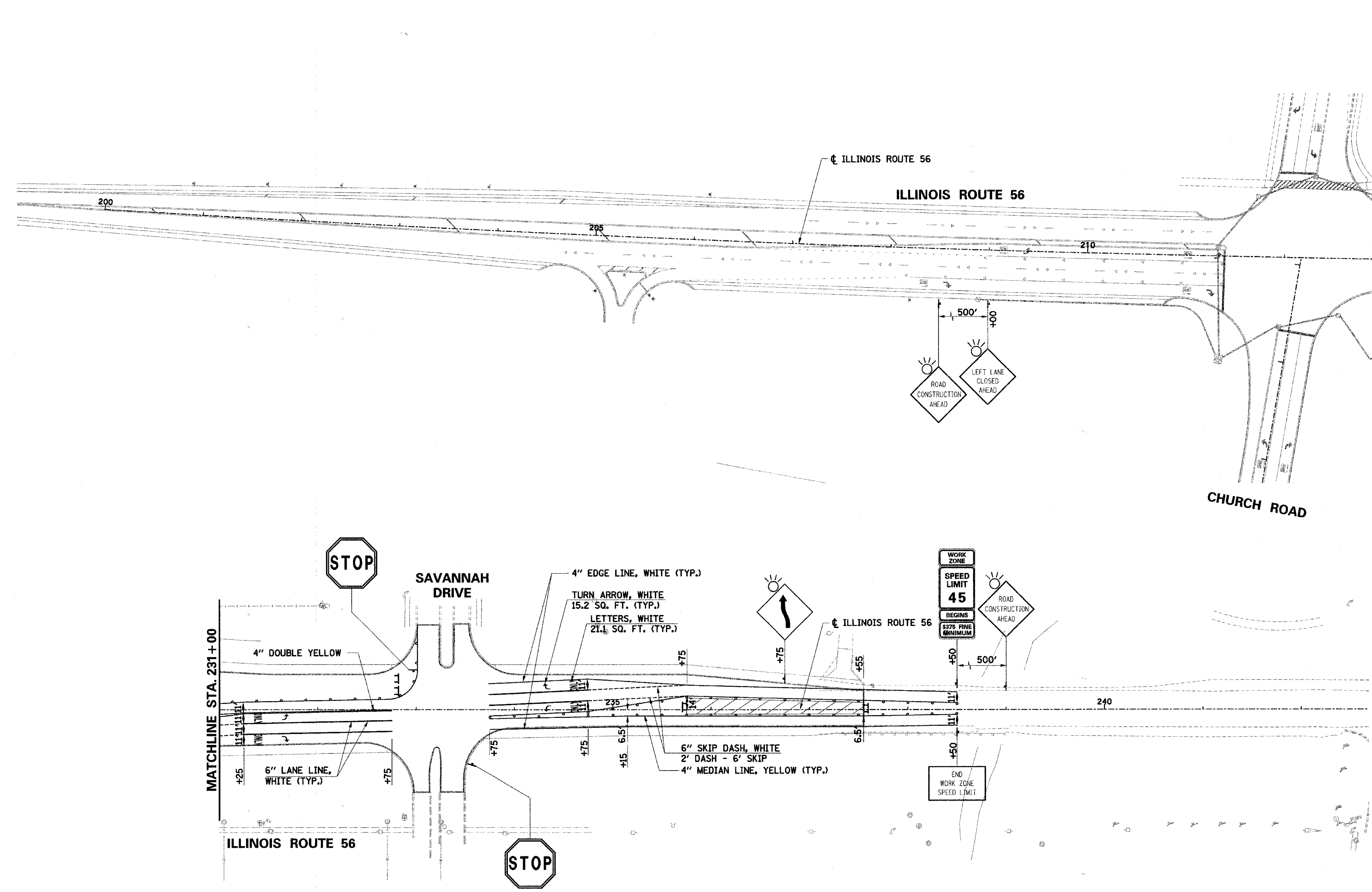
4/10/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	42

STA. TO STA.

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

CONTRACT NO. 83906



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC STAGE IIB SHEET 2 OF 3

SCALE: VERT. HORIZ. DRAWN BY BAH
DATE APR 06 2007 CHECKED BY APS

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME; NOTE BOOK, NO.; BY, DATE

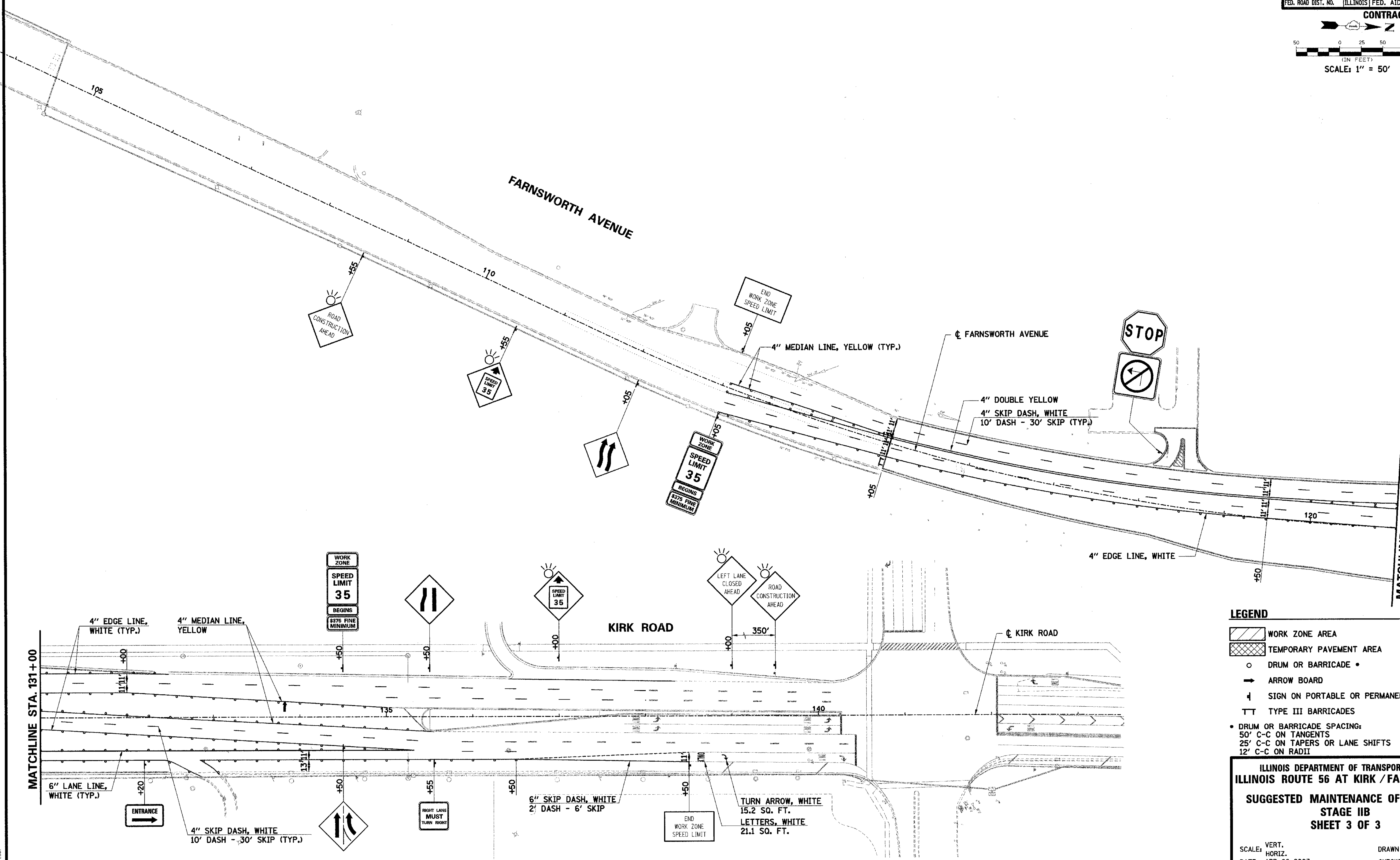
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD; NOTE BOOK, NO.; BY, DATE

4/10/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	43
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

SCALE: 1" = 50' (IN FEET) 50 0 25 50 100



FARNSWORTH AVENUE
105
110
120
+55
+05
+50
ROAD CONSTRUCTION AHEAD
SPEED LIMIT 35
END WORK ZONE SPEED LIMIT
WORK ZONE SPEED LIMIT 35 BEGINS $375 FINE MINIMUM
4" MEDIAN LINE, YELLOW (TYP.)
℄ FARNSWORTH AVENUE
STOP
4" DOUBLE YELLOW
4" SKIP DASH, WHITE 10' DASH - 30' SKIP (TYP.)
4" EDGE LINE, WHITE
MATCHLINE STA. 121+00
KIRK ROAD
4" EDGE LINE, WHITE (TYP.)
4" MEDIAN LINE, YELLOW
LEFT LANE CLOSED AHEAD
350'
℄ KIRK ROAD
135
140
+00
+20
MATCHLINE STA. 131+00
6" LANE LINE, WHITE (TYP.)
ENTRANCE
4" SKIP DASH, WHITE 10' DASH - 30' SKIP (TYP.)
RIGHT LANE MUST TURN RIGHT
6" SKIP DASH, WHITE 2' DASH - 6' SKIP
TURN ARROW, WHITE 15.2 SQ. FT.
LETTERS, WHITE 21.1 SQ. FT.

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ➡ ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

PLAN — NOTE BOOK NO. — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD — BY — DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE IIB
SHEET 3 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	44
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

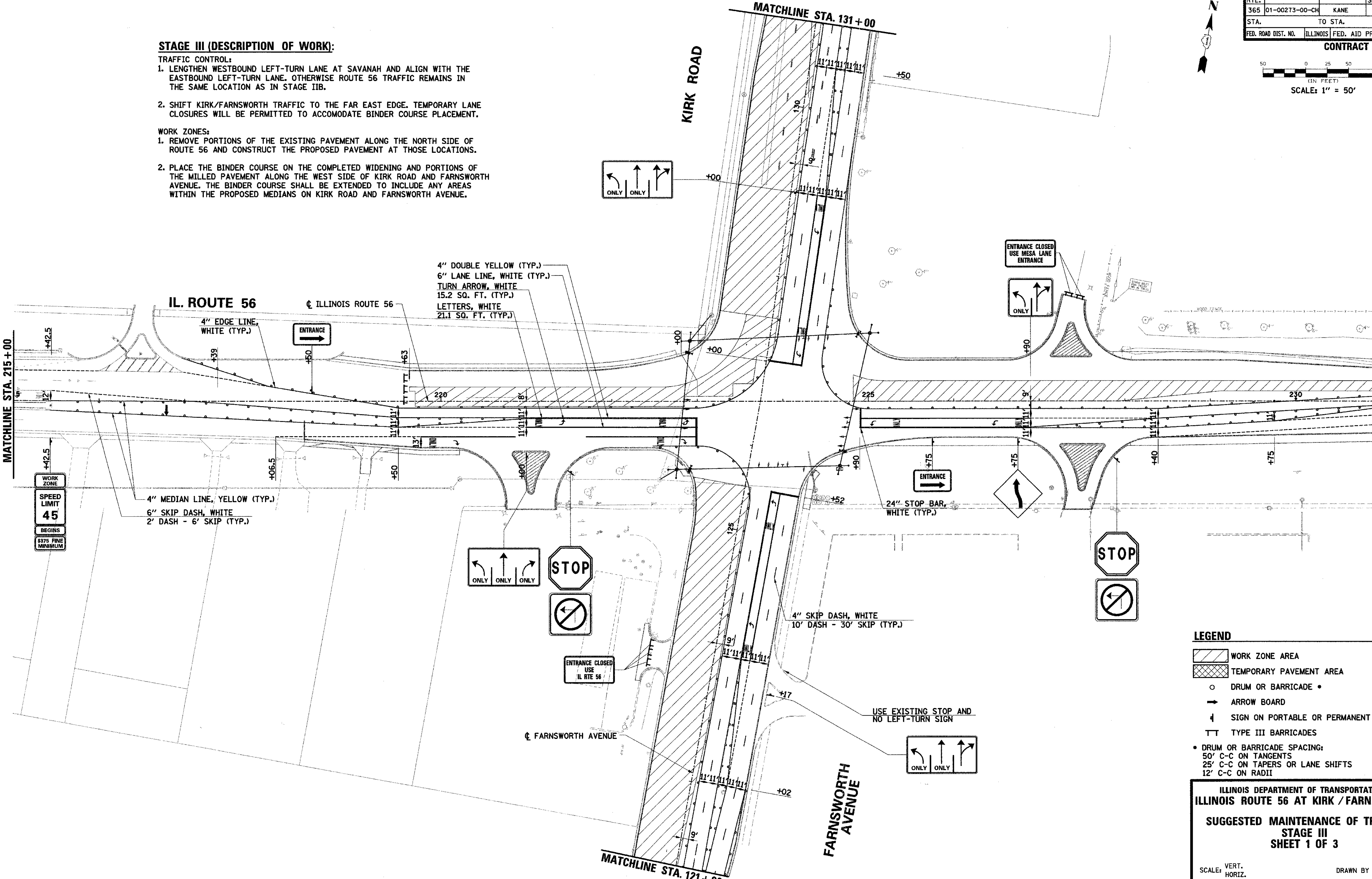
STAGE III (DESCRIPTION OF WORK):

TRAFFIC CONTROL:

1. LENGTHEN WESTBOUND LEFT-TURN LANE AT SAVANAH AND ALIGN WITH THE EASTBOUND LEFT-TURN LANE. OTHERWISE ROUTE 56 TRAFFIC REMAINS IN THE SAME LOCATION AS IN STAGE IIB.
2. SHIFT KIRK/FARNSWORTH TRAFFIC TO THE FAR EAST EDGE. TEMPORARY LANE CLOSURES WILL BE PERMITTED TO ACCOMODATE BINDER COURSE PLACEMENT.

WORK ZONES:

1. REMOVE PORTIONS OF THE EXISTING PAVEMENT ALONG THE NORTH SIDE OF ROUTE 56 AND CONSTRUCT THE PROPOSED PAVEMENT AT THOSE LOCATIONS.
2. PLACE THE BINDER COURSE ON THE COMPLETED WIDENING AND PORTIONS OF THE MILLED PAVEMENT ALONG THE WEST SIDE OF KIRK ROAD AND FARNSWORTH AVENUE. THE BINDER COURSE SHALL BE EXTENDED TO INCLUDE ANY AREAS WITHIN THE PROPOSED MEDIANS ON KIRK ROAD AND FARNSWORTH AVENUE.



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE III
SHEET 1 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN			
SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
R.T. OF WAY CHECKED			
CADD FILE NAME			
NOTE BOOK	NO.	BY	DATE

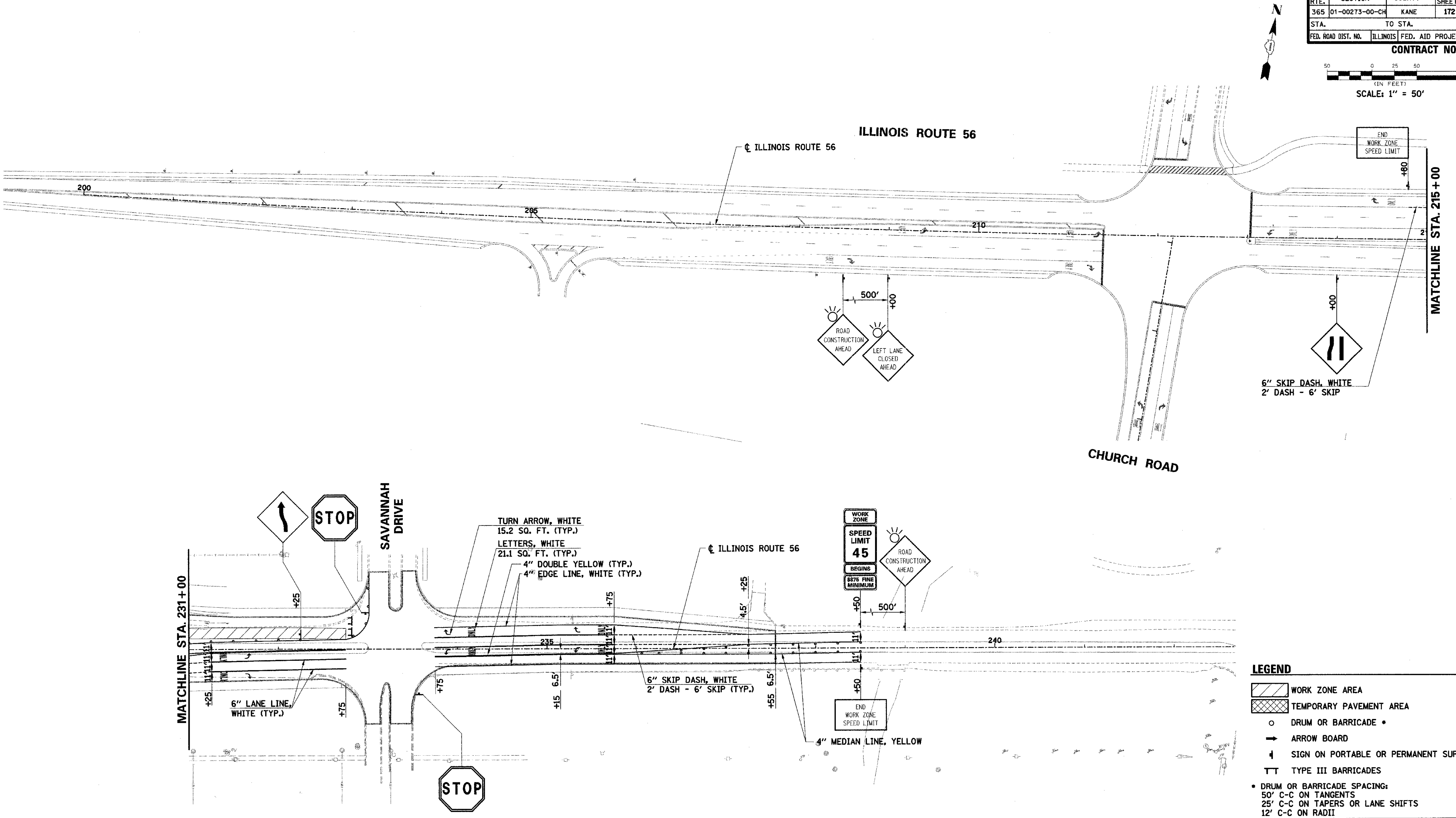
PROFILE			
SURVEYED			
PLOTTED			
GRADES CHECKED			
B.M. NOTED			
STRUCTURE NOTAT'NS CHK'D			
NOTE BOOK	NO.	BY	DATE

4/10/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	45
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

SCALE: 1" = 50'



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE *
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

* DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

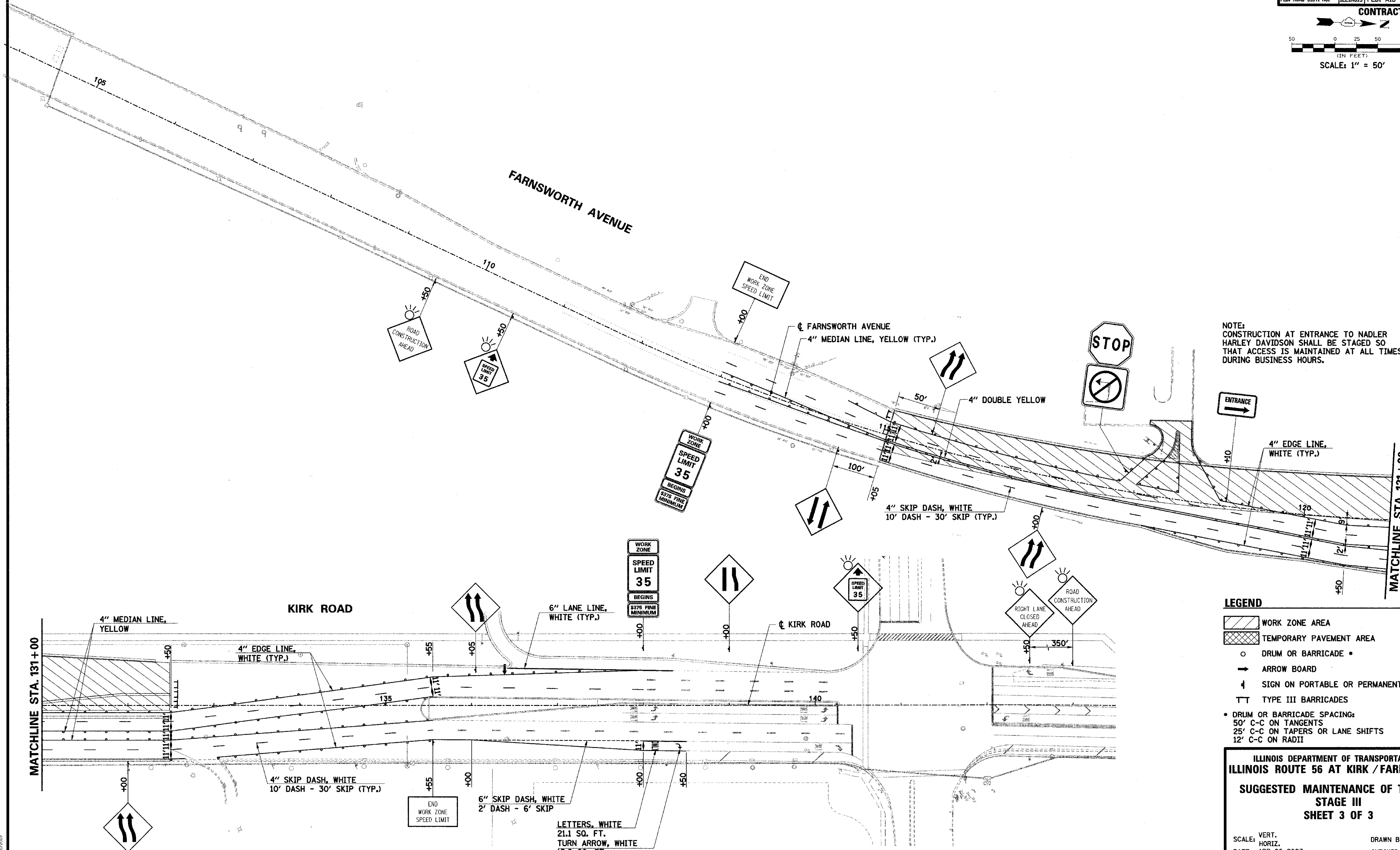
SUGGESTED MAINTENANCE OF TRAFFIC
STAGE III
SHEET 2 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	46
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

SCALE: 1" = 50'



NOTE:
CONSTRUCTION AT ENTRANCE TO NADLER HARLEY DAVIDSON SHALL BE STAGED SO THAT ACCESS IS MAINTAINED AT ALL TIMES DURING BUSINESS HOURS.

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE III
SHEET 3 OF 3

SCALE: VERT. HORIZ. DRAWN BY BAH
DATE APR 06 2007 CHECKED BY APS

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK NO.

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK NO.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	47
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

SCALE: 1" = 50'

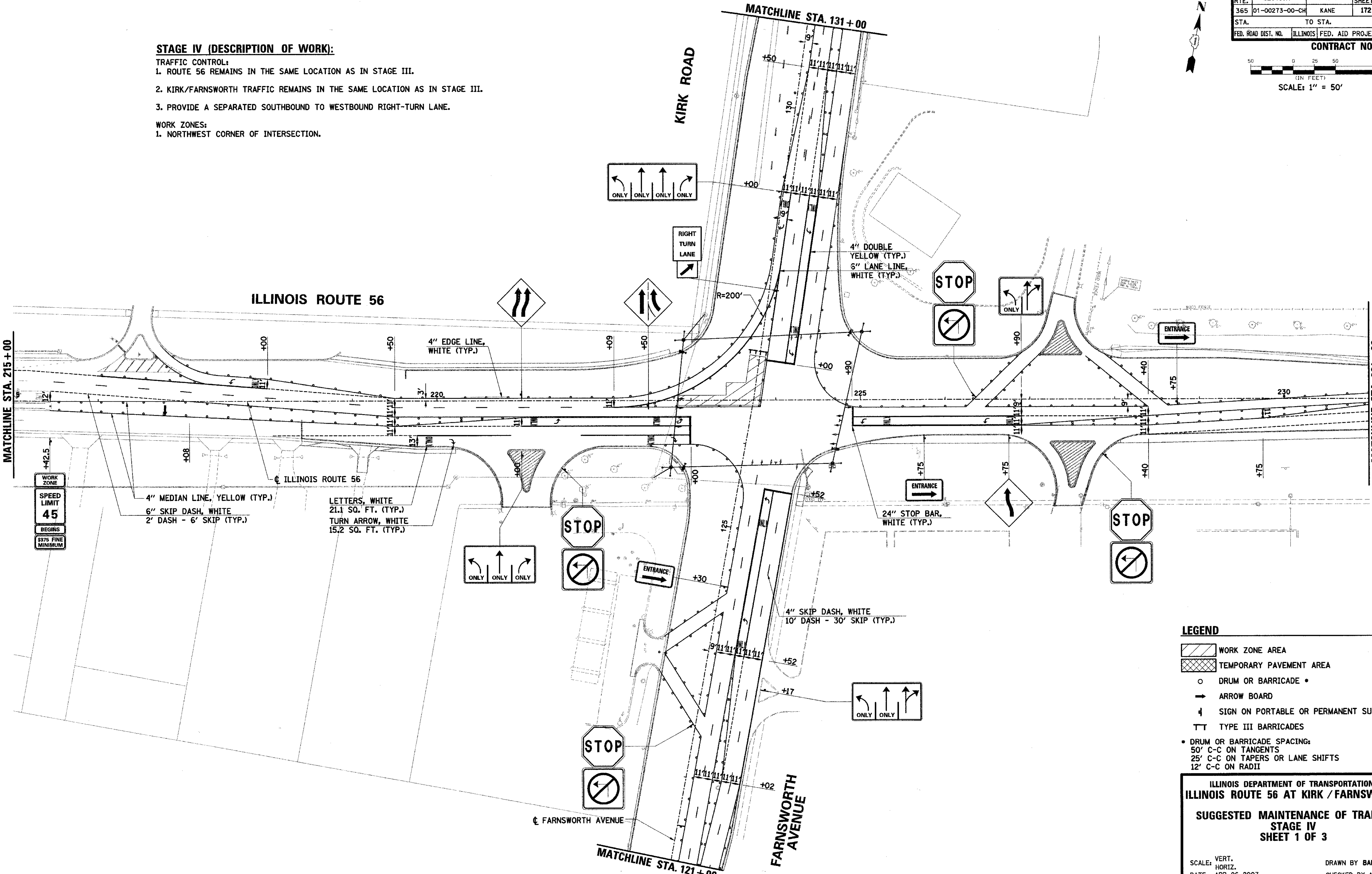
STAGE IV (DESCRIPTION OF WORK):

TRAFFIC CONTROL:

1. ROUTE 56 REMAINS IN THE SAME LOCATION AS IN STAGE III.
2. KIRK/FARNSWORTH TRAFFIC REMAINS IN THE SAME LOCATION AS IN STAGE III.
3. PROVIDE A SEPARATED SOUTHBOUND TO WESTBOUND RIGHT-TURN LANE.

WORK ZONES:

1. NORTHWEST CORNER OF INTERSECTION.



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

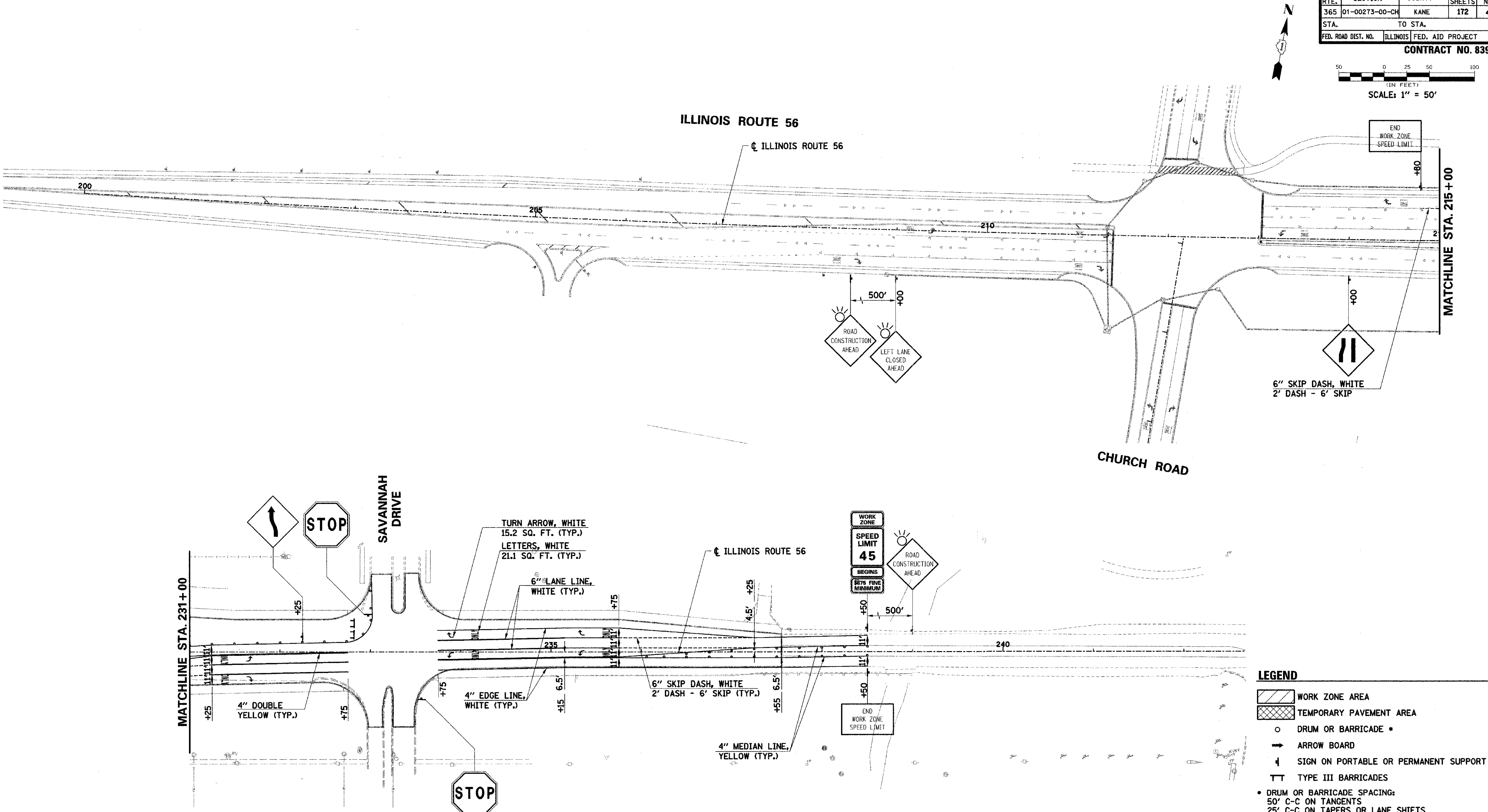
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE IV
SHEET 1 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	48
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC STAGE IV SHEET 2 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.T. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO. — BY — DATE

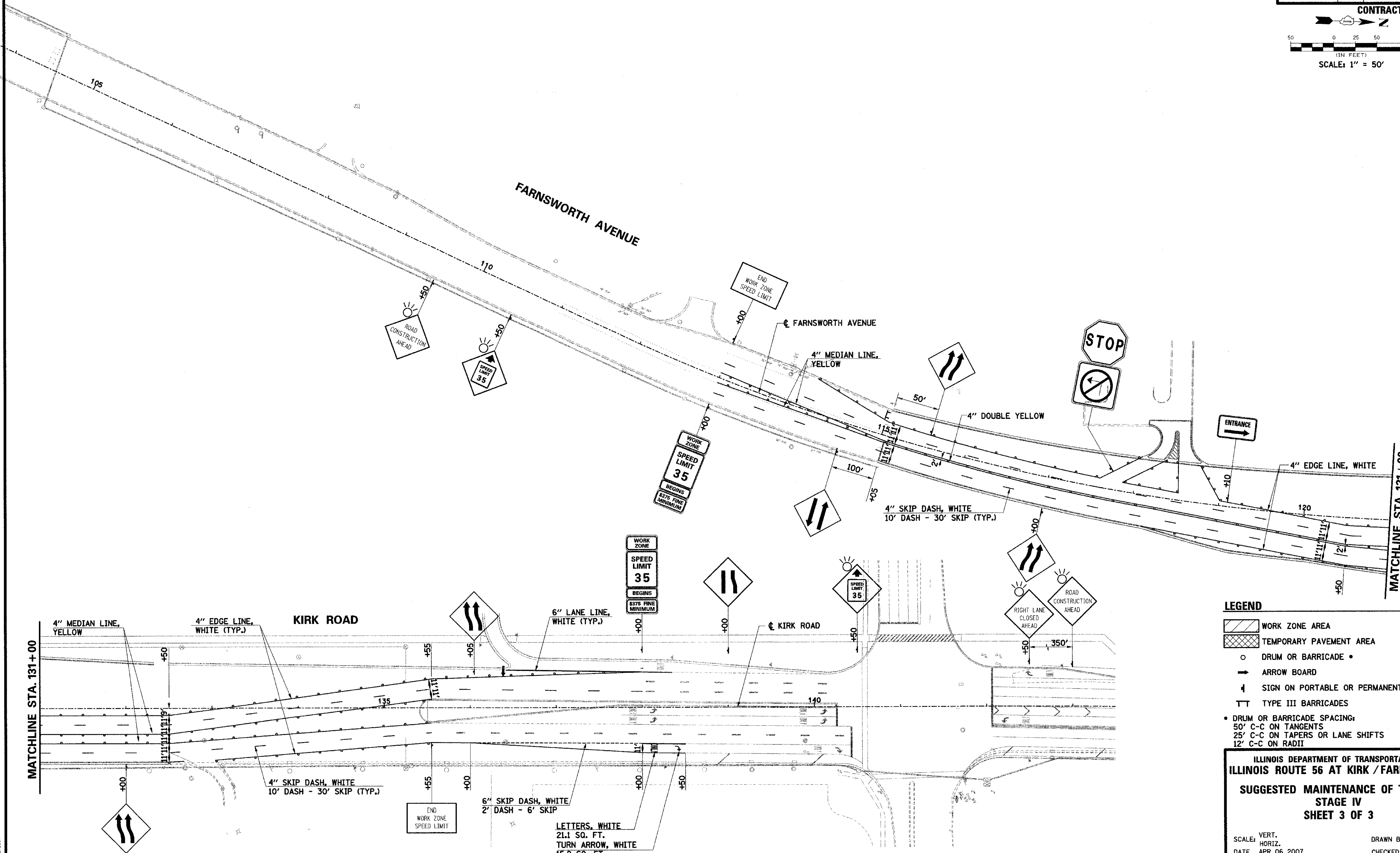
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO. — BY — DATE

4/10/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	49
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

SCALE: 1" = 50'



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE IV
SHEET 3 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN — NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/W CHECKED, CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD — BY — DATE

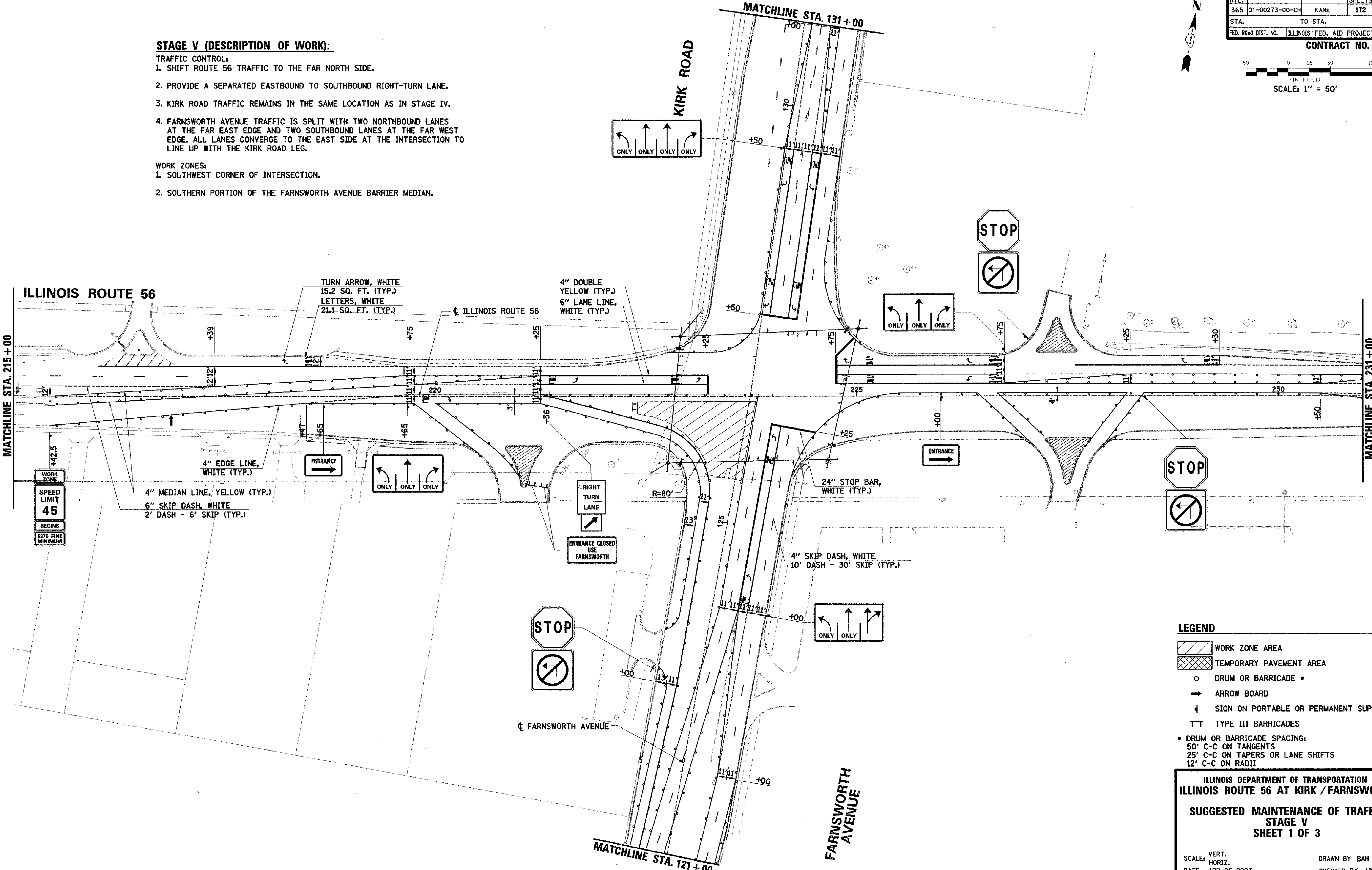
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	50
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

STAGE V (DESCRIPTION OF WORK):

TRAFFIC CONTROL:
1. SHIFT ROUTE 56 TRAFFIC TO THE FAR NORTH SIDE.
2. PROVIDE A SEPARATED EASTBOUND TO SOUTHBOUND RIGHT-TURN LANE.
3. KIRK ROAD TRAFFIC REMAINS IN THE SAME LOCATION AS IN STAGE IV.
4. FARNSWORTH AVENUE TRAFFIC IS SPLIT WITH TWO NORTHBOUND LANES AT THE FAR EAST EDGE AND TWO SOUTHBOUND LANES AT THE FAR WEST EDGE. ALL LANES CONVERGE TO THE EAST SIDE AT THE INTERSECTION TO LINE UP WITH THE KIRK ROAD LEG.

WORK ZONES:
1. SOUTHWEST CORNER OF INTERSECTION.
2. SOUTHERN PORTION OF THE FARNSWORTH AVENUE BARRIER MEDIAN.



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE V
SHEET 1 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

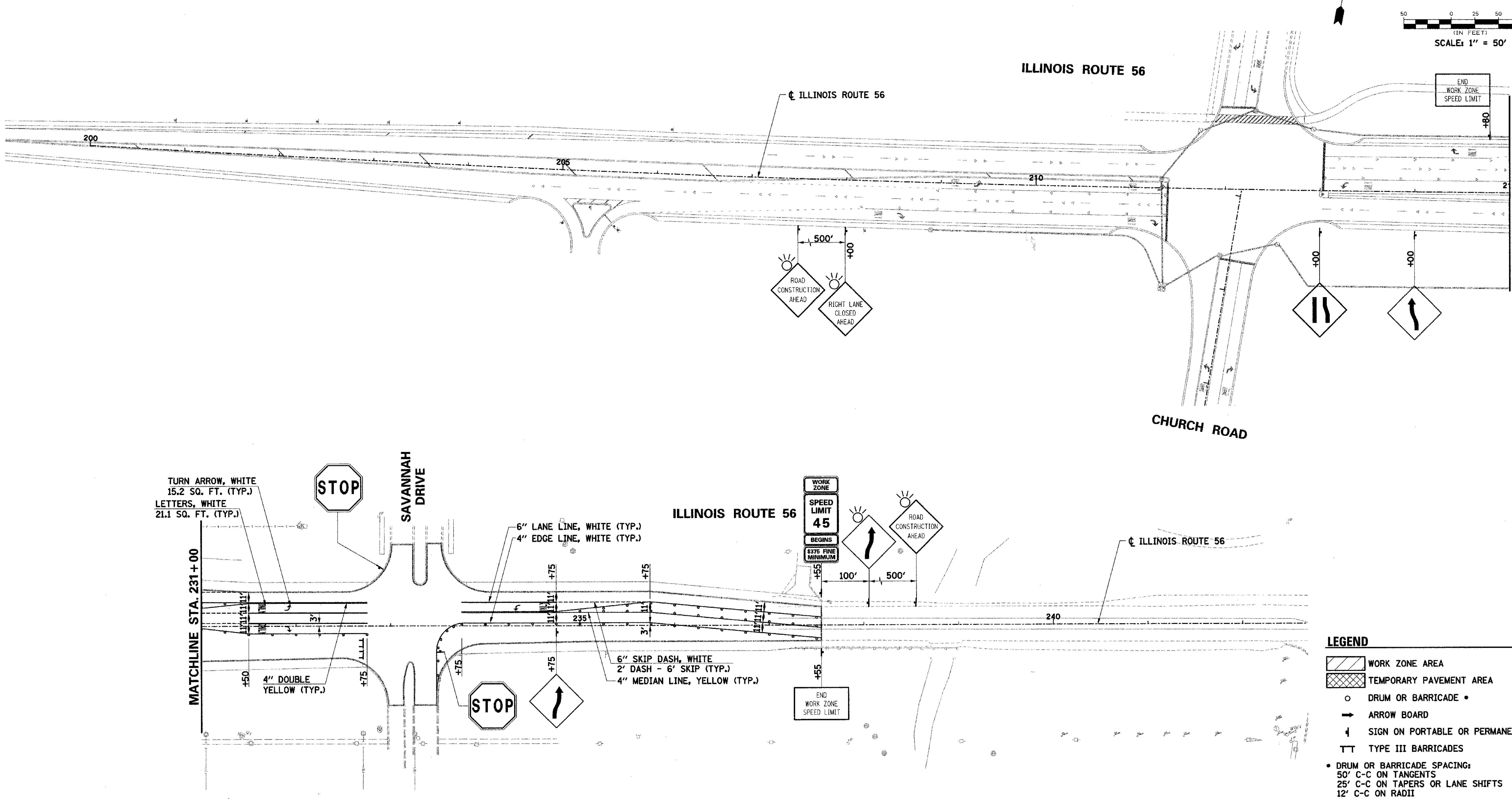
PLAN: NOTE BOOK NO. SURVEYED PLOTTED ALIGNMENT CHECKED RT. OF WAY CHECKED CADD FILE NAME — BY — DATE

PROFILE: NOTE BOOK NO. SURVEYED PLOTTED GRADES CHECKED B.M. NOTED STRUCTURE NOTATIONS CHKD — BY — DATE

4/10/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	51
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE V
SHEET 2 OF 3

SCALE: VERT. HORIZ. — DRAWN BY BAH
DATE APR 06 2007 — CHECKED BY APS

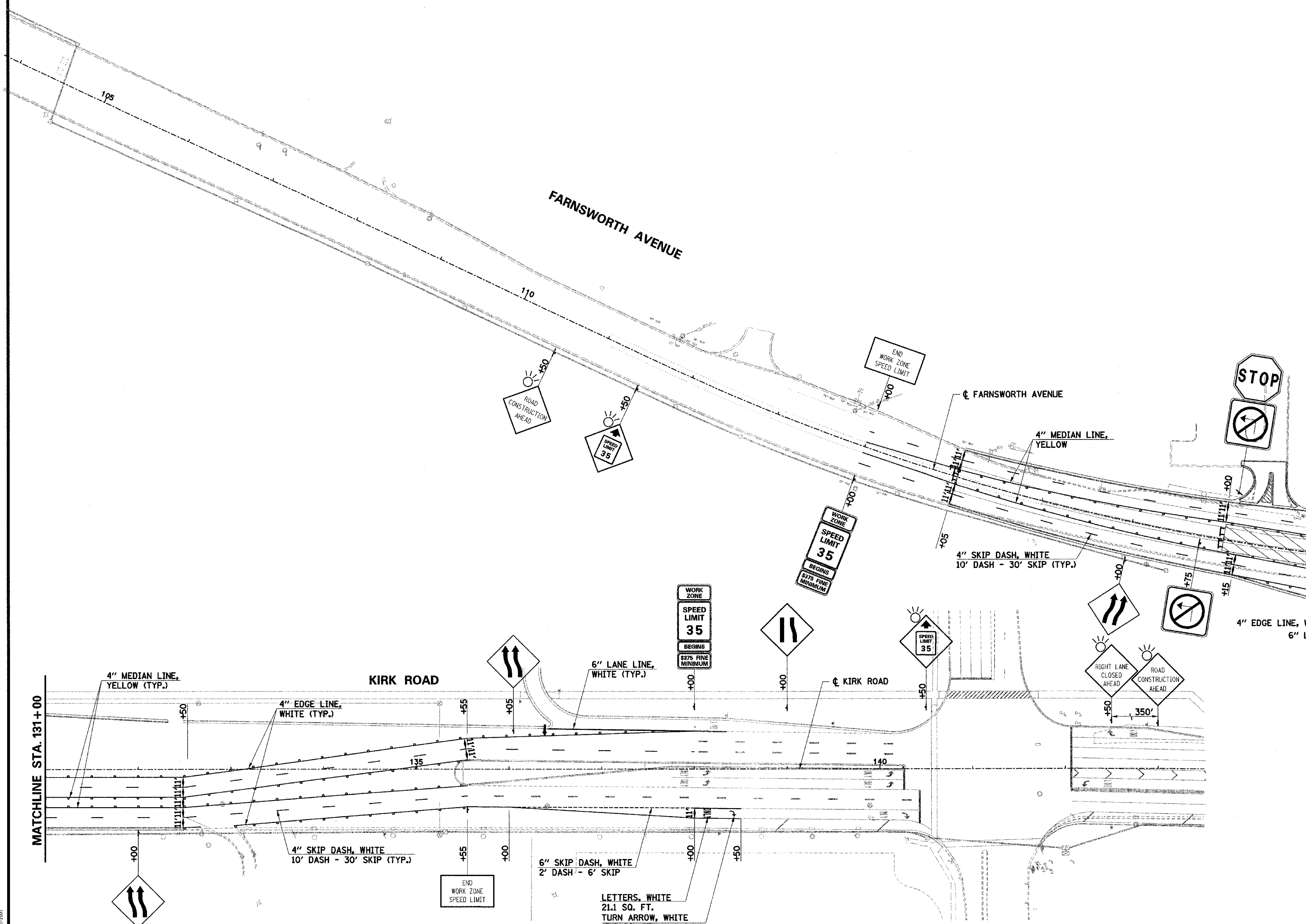
PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK NO. — BY — DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. — BY — DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	52
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

50 0 25 50 100
(IN FEET)
SCALE: 1" = 50'



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- → ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE V
SHEET 3 OF 3

SCALE: VERT. HORIZ. — DRAWN BY BAH
DATE APR 06 2007 — CHECKED BY APS

PLAN: NOTE BOOK NO. — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R/T OF WAY CHECKED / CADD FILE NAME — BY — DATE

PROFILE: NOTE BOOK NO. — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHK'D — BY — DATE

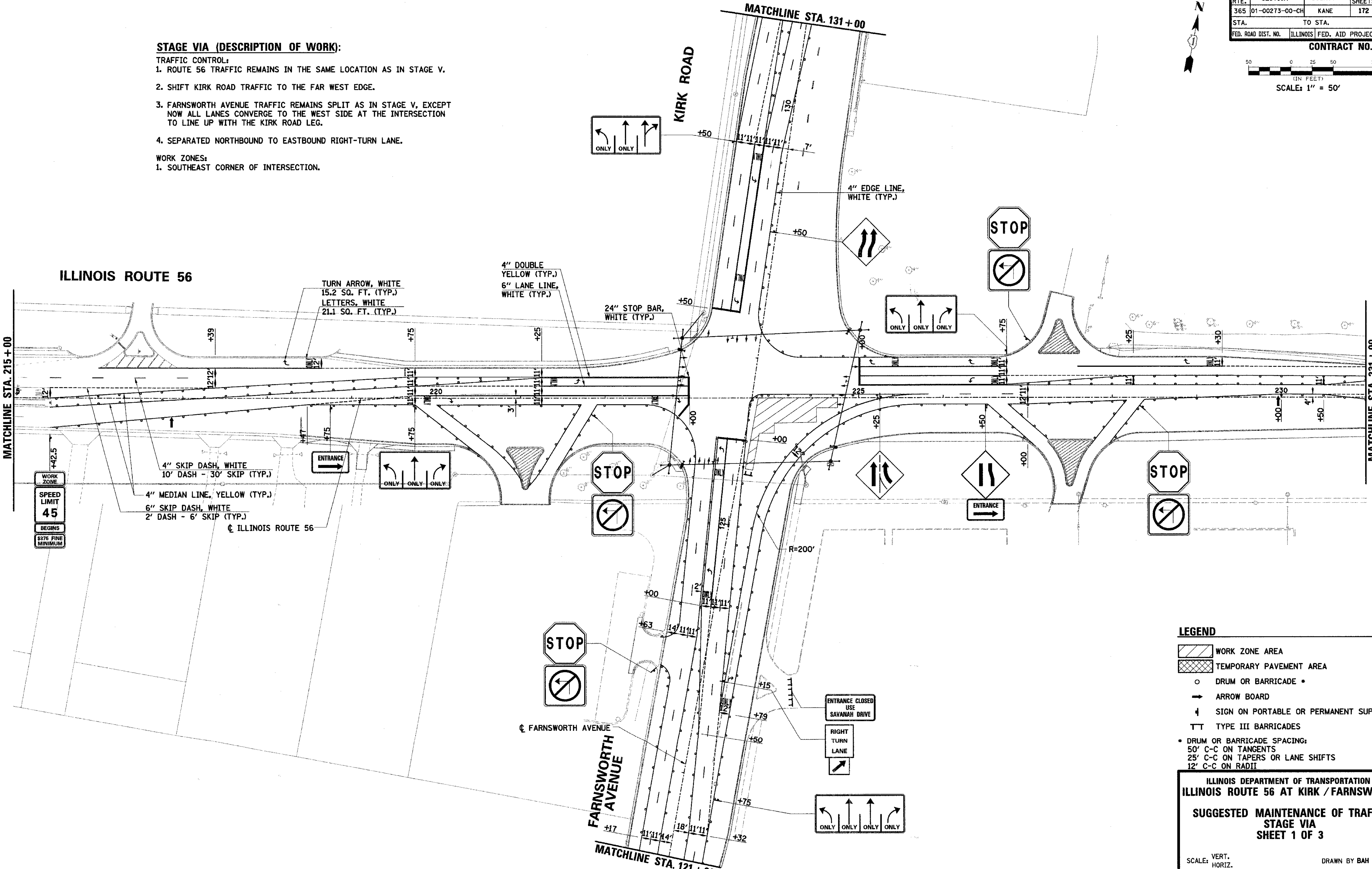
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	53
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

STAGE VIA (DESCRIPTION OF WORK):

TRAFFIC CONTROL:
1. ROUTE 56 TRAFFIC REMAINS IN THE SAME LOCATION AS IN STAGE V.
2. SHIFT KIRK ROAD TRAFFIC TO THE FAR WEST EDGE.
3. FARNSWORTH AVENUE TRAFFIC REMAINS SPLIT AS IN STAGE V, EXCEPT NOW ALL LANES CONVERGE TO THE WEST SIDE AT THE INTERSECTION TO LINE UP WITH THE KIRK ROAD LEG.
4. SEPARATED NORTHBOUND TO EASTBOUND RIGHT-TURN LANE.

WORK ZONES:
1. SOUTHEAST CORNER OF INTERSECTION.



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

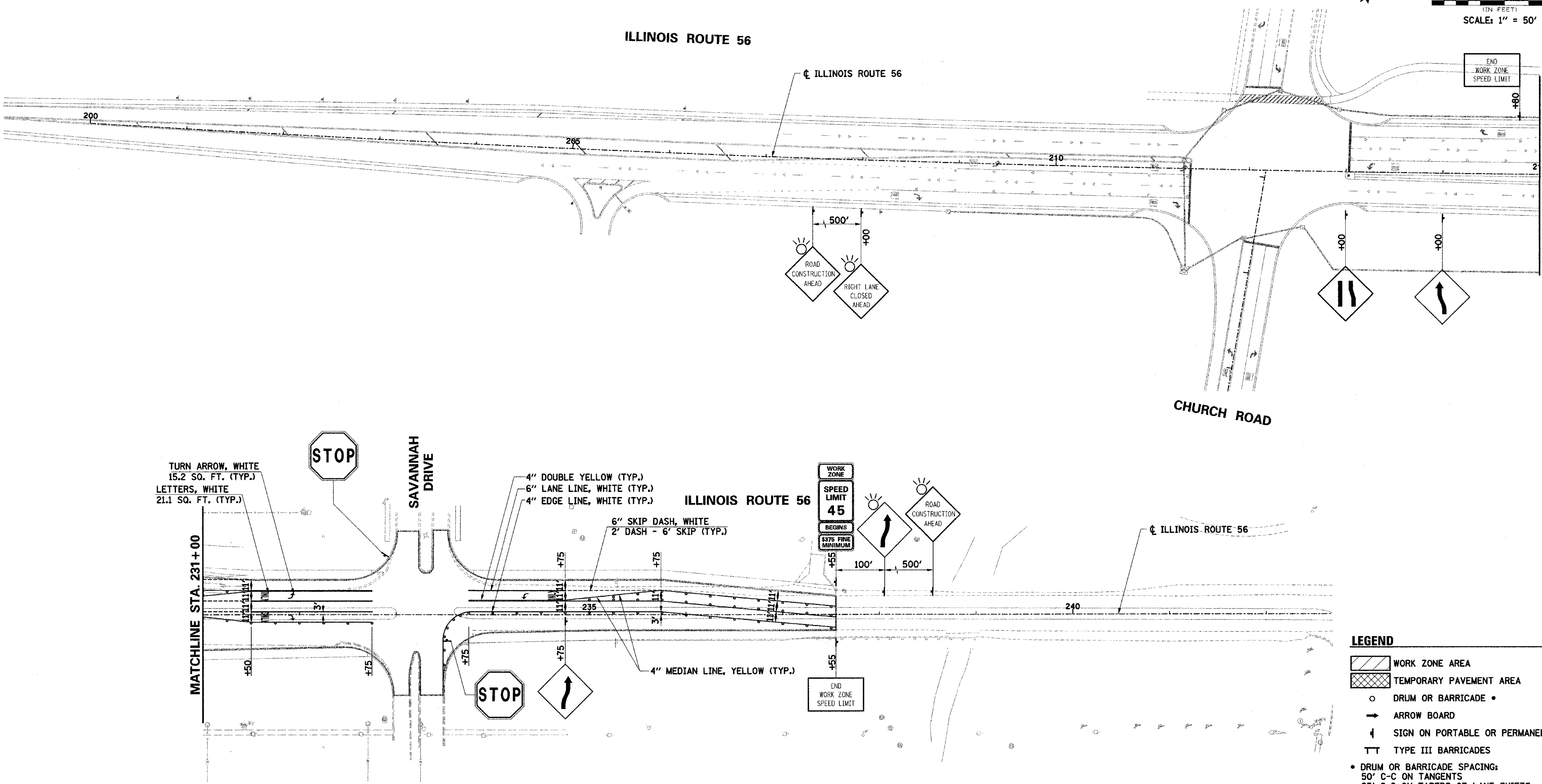
SUGGESTED MAINTENANCE OF TRAFFIC
STAGE VIA
SHEET 1 OF 3

SCALE: VERT. HORIZ. | DRAWN BY BAH
DATE APR 06 2007 | CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	54
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

SCALE: 1" = 50'



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC STAGE VIA SHEET 2 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN — NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.O.W. CHECKED, CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD — BY — DATE

4/10/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	55
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

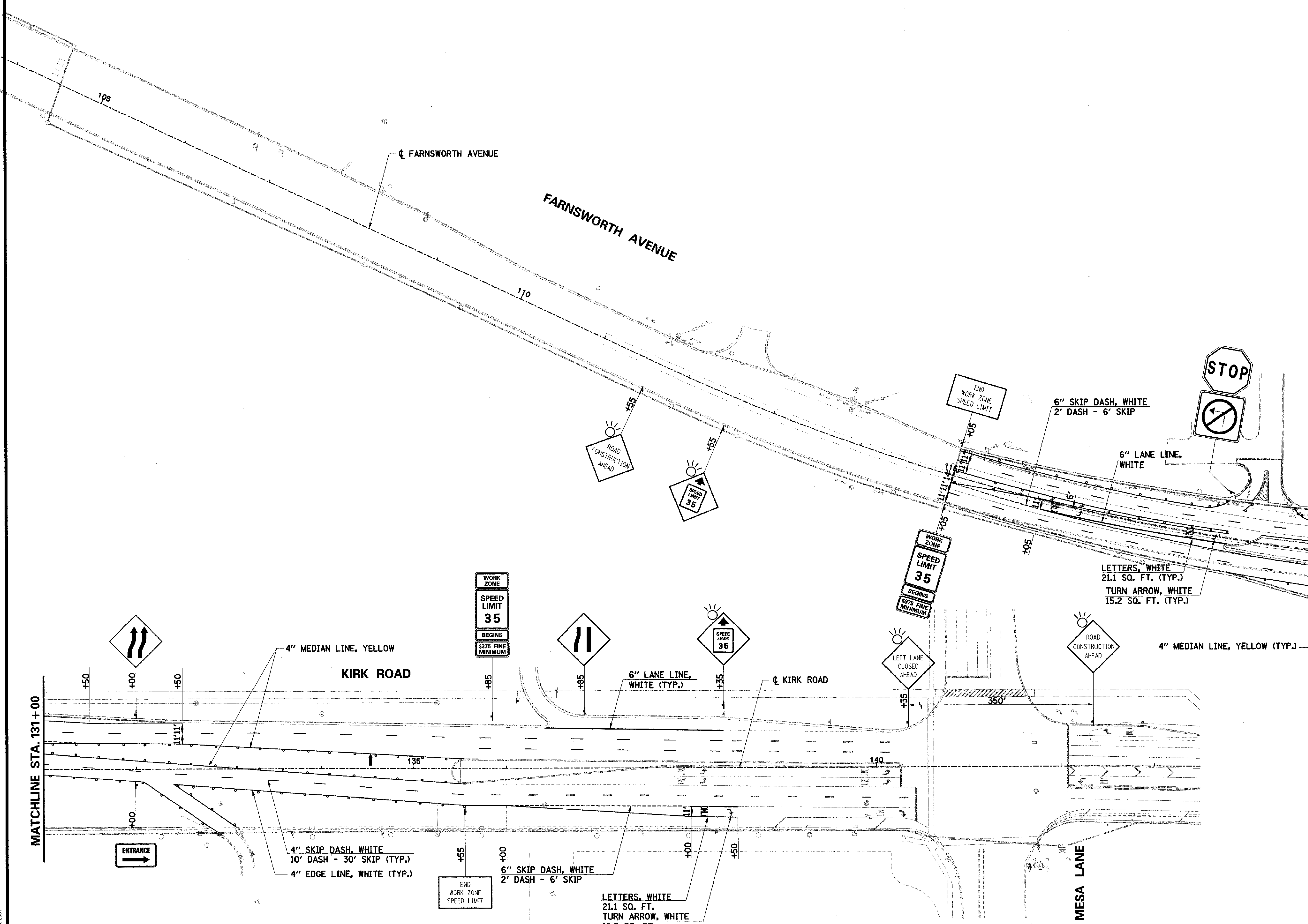
CONTRACT NO. 83906

SCALE: 1" = 50'

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII



℄ FARNSWORTH AVENUE
FARNSWORTH AVENUE
105
110
ROAD CONSTRUCTION AHEAD
SPEED LIMIT 35
END WORK ZONE SPEED LIMIT
STOP
6" SKIP DASH, WHITE
2' DASH - 6' SKIP
6" LANE LINE, WHITE
4" EDGE LINE, WHITE (TYP.)
4" SKIP DASH, WHITE
10' DASH - 30' SKIP (TYP.)
WORK ZONE
SPEED LIMIT 35
BEGINS
$375 FINE MINIMUM
LETTERS, WHITE
21.1 SQ. FT. (TYP.)
TURN ARROW, WHITE
15.2 SQ. FT. (TYP.)
4" MEDIAN LINE, YELLOW (TYP.)
MATCHLINE STA. 121+00
4" MEDIAN LINE, YELLOW
KIRK ROAD
6" LANE LINE, WHITE (TYP.)
℄ KIRK ROAD
LEFT LANE CLOSED AHEAD
ROAD CONSTRUCTION AHEAD
350'
MATCHLINE STA. 131+00
135
140
ENTRANCE
4" SKIP DASH, WHITE
10' DASH - 30' SKIP (TYP.)
4" EDGE LINE, WHITE (TYP.)
END WORK ZONE SPEED LIMIT
6" SKIP DASH, WHITE
2' DASH - 6' SKIP
LETTERS, WHITE
21.1 SQ. FT.
TURN ARROW, WHITE
15.2 SQ. FT.
MESA LANE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC STAGE VIA SHEET 3 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.T. OF WAY CHECKED, CARD FILE NAME; NOTE BOOK; NO.

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD; NOTE BOOK; NO.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	56
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

SCALE: 1" = 50'

STAGE VIB (DESCRIPTION OF WORK):

TRAFFIC CONTROL:
1. ROUTE 56 TRAFFIC REMAINS IN THE SAME LOCATION AS IN STAGE VIA.
2. KIRK/FARNSWORTH TRAFFIC REMAINS IN THE SAME LOCATION AS IN STAGE VIA.
3. ELIMINATE SEPARATED NORTHBOUND TO EASTBOUND RIGHT-TURN LANE.

WORK ZONES:
1. BARRIER MEDIAN AND PORTIONS OF ADJACENT PAVEMENT ON EAST LEG OF ROUTE 56.

MATCHLINE STA. 131+00

KIRK ROAD

ILLINOIS ROUTE 56

MATCHLINE STA. 215+00

MATCHLINE STA. 231+00

MATCHLINE STA. 121+00

6" SKIP DASH, WHITE
2' DASH - 6' SKIP (TYP.)

4" SKIP DASH, WHITE
10' DASH - 30' SKIP (TYP.)

TURN ARROW, WHITE
15.2 SQ. FT. (TYP.)
LETTERS, WHITE
21.1 SQ. FT. (TYP.)

4" DOUBLE YELLOW (TYP.)
6" LANE LINE, WHITE (TYP.)

4" EDGE LINE, WHITE (TYP.)

4" MEDIAN LINE, YELLOW (TYP.)

℄ ILLINOIS ROUTE 56

℄ FARNSWORTH AVENUE

24" STOP BAR, WHITE (TYP.)

WORK ZONE
SPEED LIMIT 45
BEGINS
$375 FINE MINIMUM

ENTRANCE

ENTRANCE CLOSED USE SAVANAH DRIVE

STOP

ONLY

FARNSWORTH AVENUE

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC STAGE VIB SHEET 1 OF 3

SCALE: VERT.
HORIZ.

DATE APR 06 2007

DRAWN BY BAH

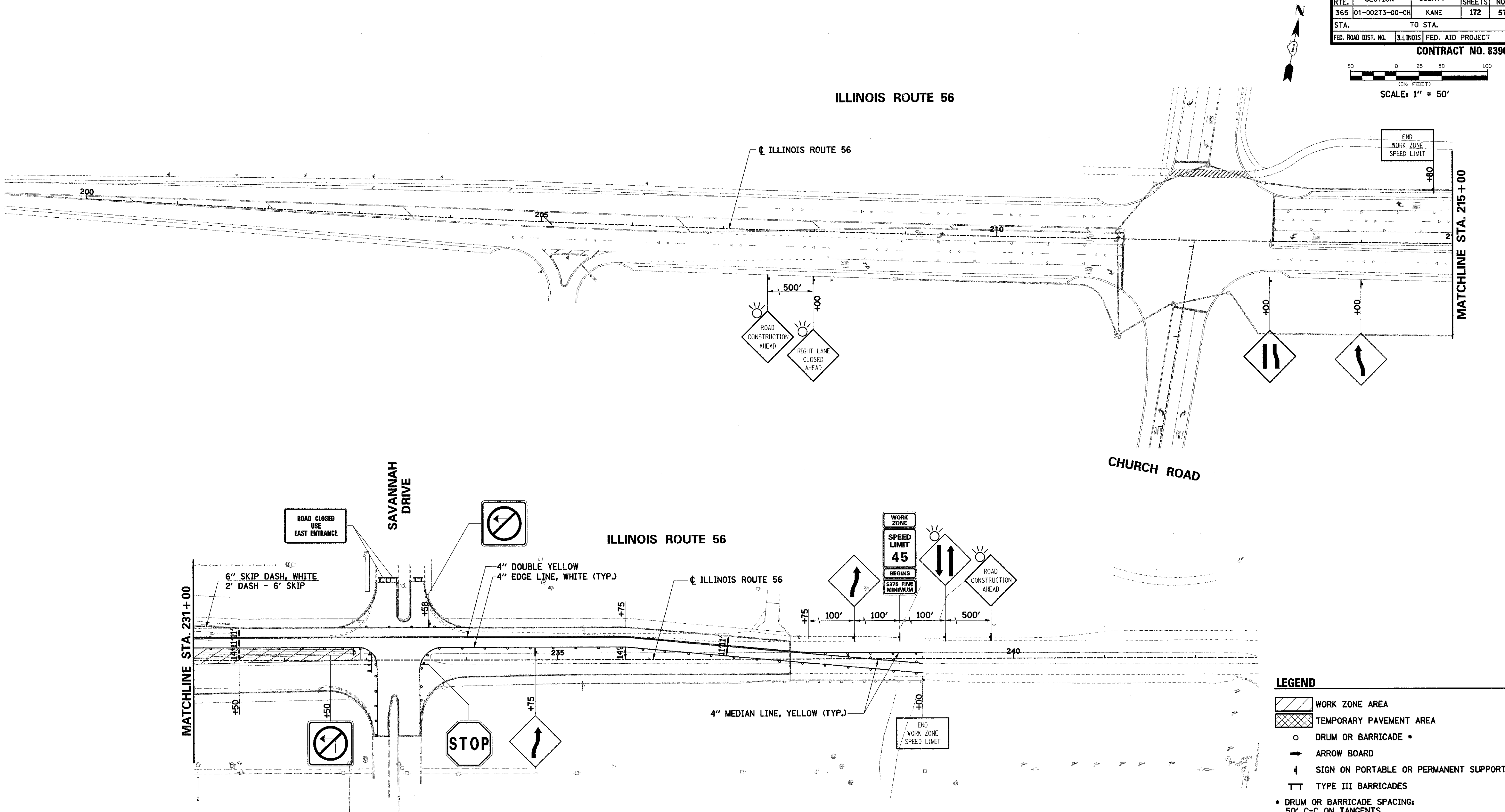
CHECKED BY APS

PLAN: SURVEYED, PLOTTED, HORIZ. CHECKED, VERT. CHECKED, RT. OF WAY CHECKED, NOTE BOOK, NO., CADD FILE NAME, BY, DATE

PROFILE: SURVEYED, PLOTTED, HORIZ. CHECKED, BAR. NOTED, NOTE BOOK, NO., STRUCTURE NO(S)/PINS CHKD, BY, DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	57
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE VIB
SHEET 2 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN: NOTE BOOK NO. ___ SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME | BY | DATE

PROFILE: NOTE BOOK NO. ___ SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD | BY | DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	58
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

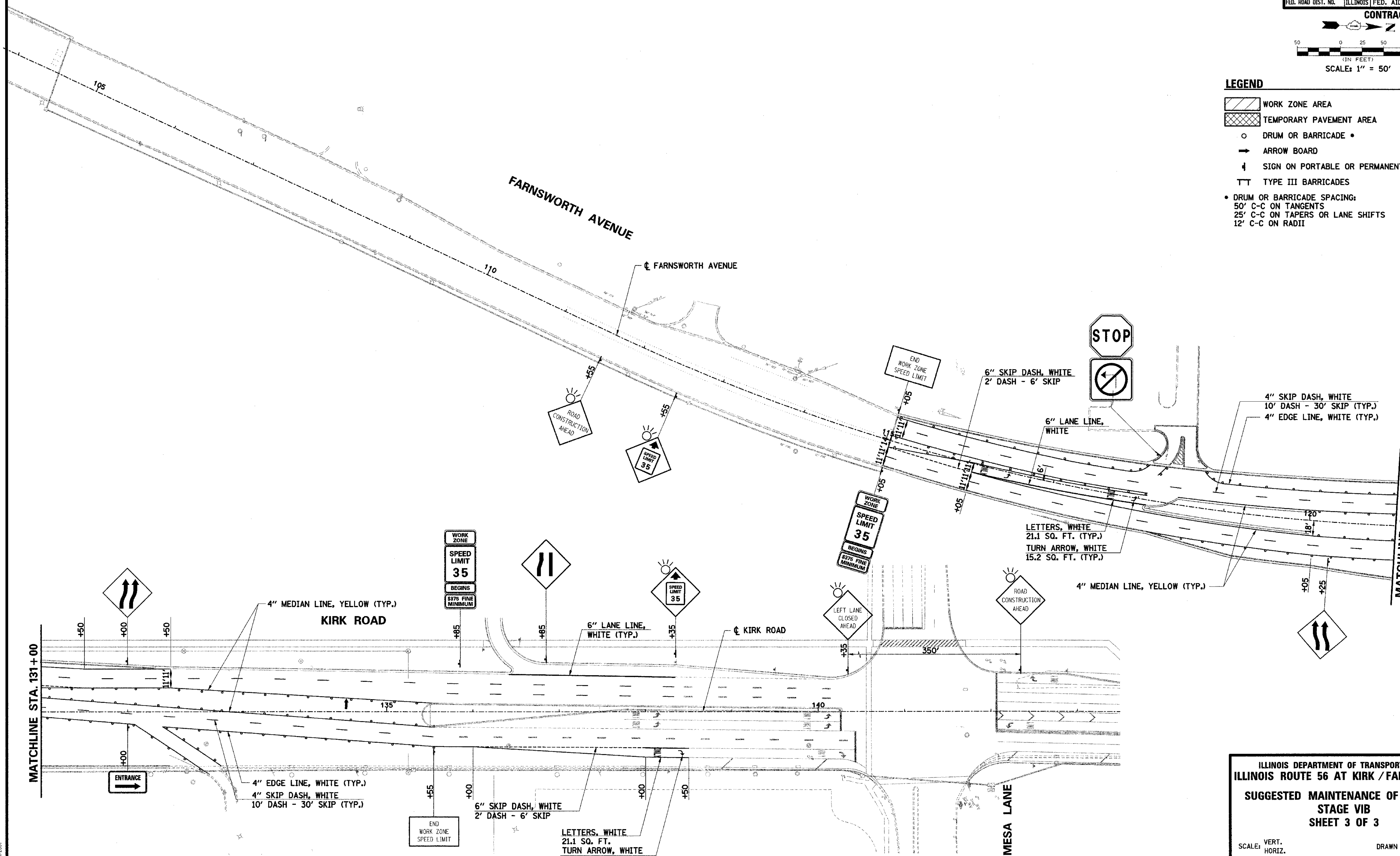
CONTRACT NO. 83906

SCALE: 1" = 50'

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII



PLAN: NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME

PROFILE: NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHECKED

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE VIB
SHEET 3 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	59
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

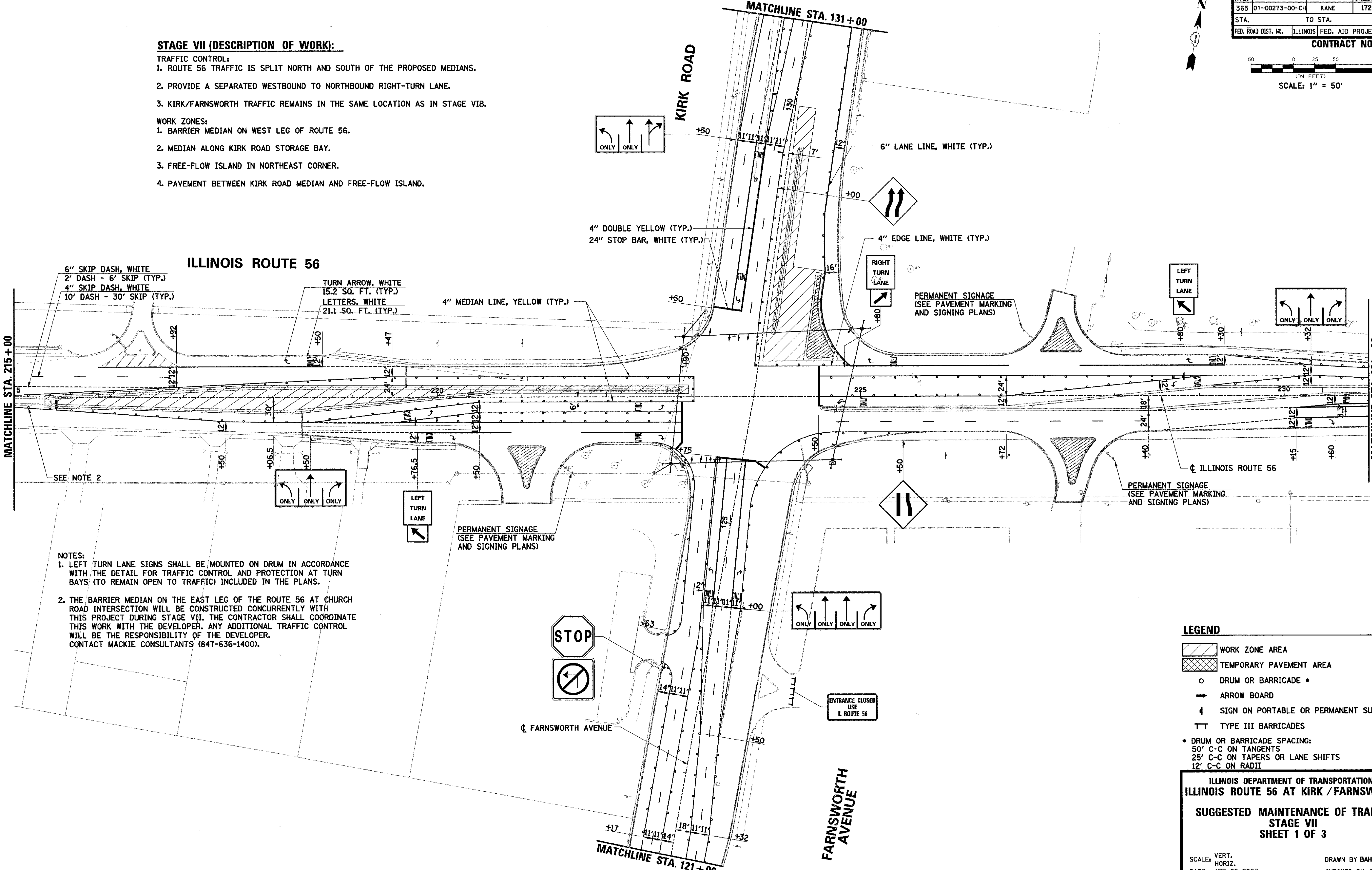
STAGE VII (DESCRIPTION OF WORK):

TRAFFIC CONTROL:

1. ROUTE 56 TRAFFIC IS SPLIT NORTH AND SOUTH OF THE PROPOSED MEDIANS.
2. PROVIDE A SEPARATED WESTBOUND TO NORTHBOUND RIGHT-TURN LANE.
3. KIRK/FARNSWORTH TRAFFIC REMAINS IN THE SAME LOCATION AS IN STAGE VIB.

WORK ZONES:

1. BARRIER MEDIAN ON WEST LEG OF ROUTE 56.
2. MEDIAN ALONG KIRK ROAD STORAGE BAY.
3. FREE-FLOW ISLAND IN NORTHEAST CORNER.
4. PAVEMENT BETWEEN KIRK ROAD MEDIAN AND FREE-FLOW ISLAND.



NOTES:

1. LEFT TURN LANE SIGNS SHALL BE MOUNTED ON DRUM IN ACCORDANCE WITH THE DETAIL FOR TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) INCLUDED IN THE PLANS.
2. THE BARRIER MEDIAN ON THE EAST LEG OF THE ROUTE 56 AT CHURCH ROAD INTERSECTION WILL BE CONSTRUCTED CONCURRENTLY WITH THIS PROJECT DURING STAGE VII. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THE DEVELOPER. ANY ADDITIONAL TRAFFIC CONTROL WILL BE THE RESPONSIBILITY OF THE DEVELOPER. CONTACT MACKIE CONSULTANTS (847-636-1400).

SCALE: 1" = 50'

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

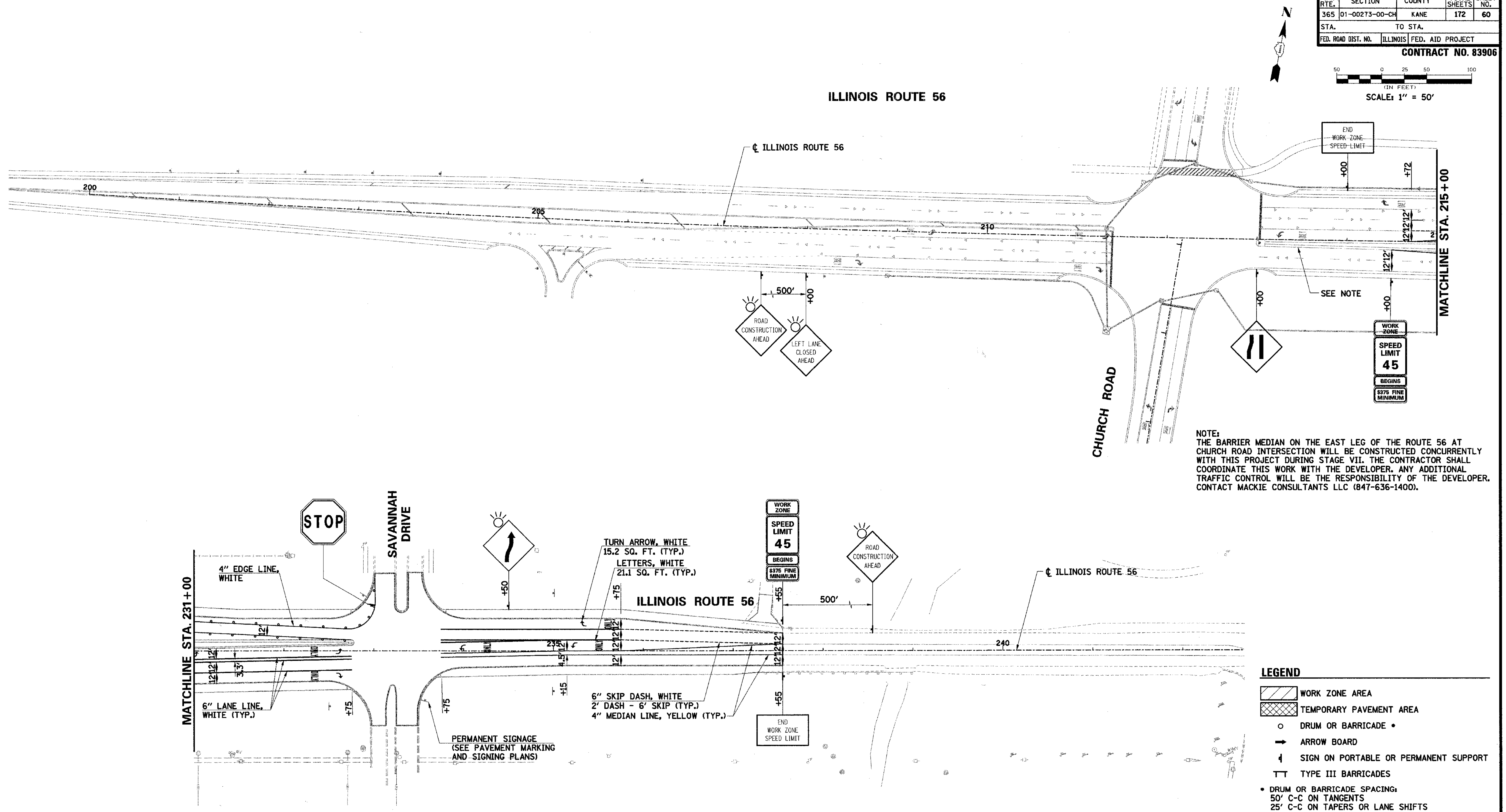
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC STAGE VII SHEET 1 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	60
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



NOTE:
THE BARRIER MEDIAN ON THE EAST LEG OF THE ROUTE 56 AT CHURCH ROAD INTERSECTION WILL BE CONSTRUCTED CONCURRENTLY WITH THIS PROJECT DURING STAGE VII. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THE DEVELOPER. ANY ADDITIONAL TRAFFIC CONTROL WILL BE THE RESPONSIBILITY OF THE DEVELOPER. CONTACT MACKIE CONSULTANTS LLC (847-636-1400).

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE VII
SHEET 2 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	61
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

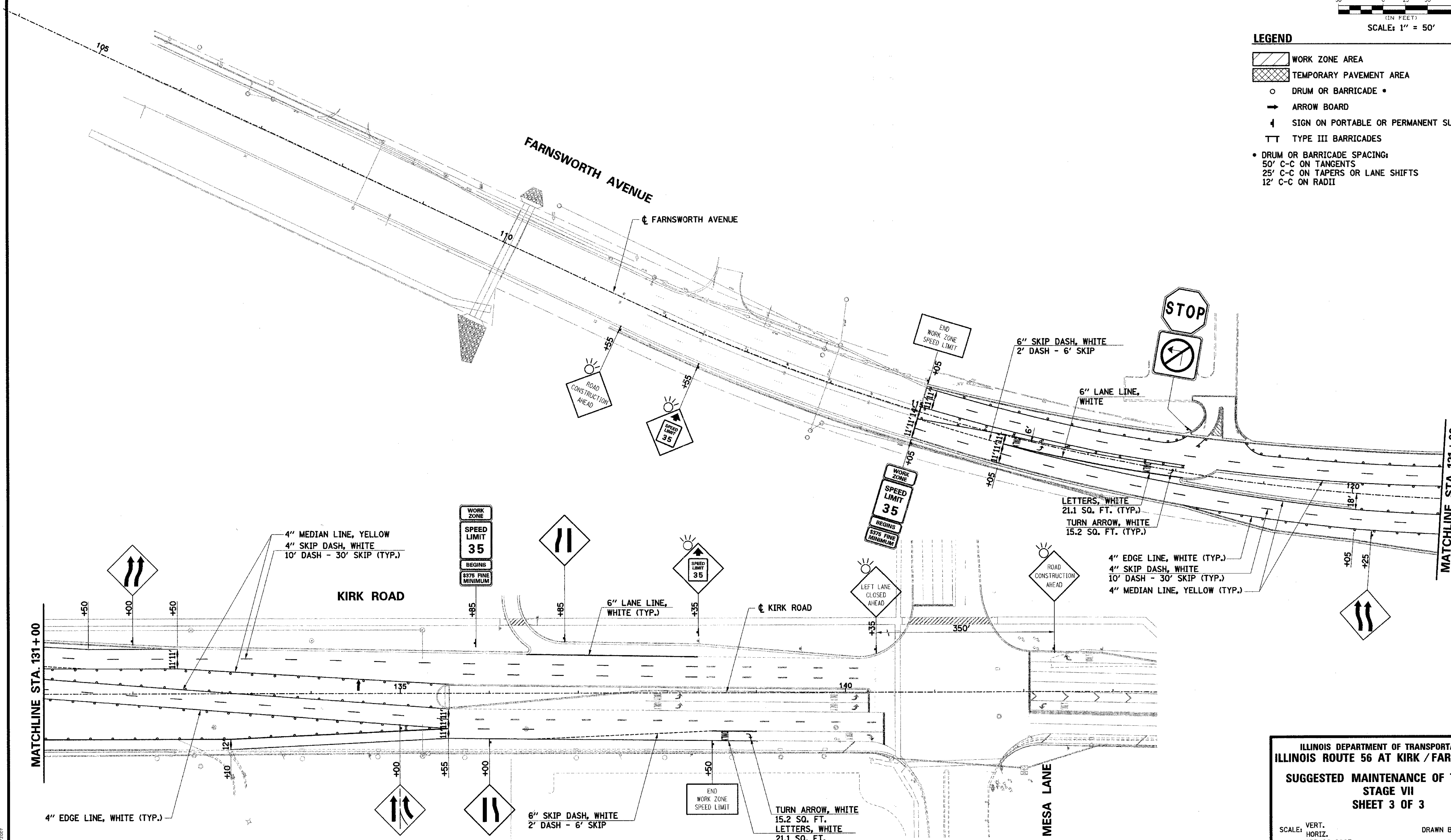
CONTRACT NO. 83906

SCALE: 1" = 50'

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII



FARNSWORTH AVENUE
℄ FARNSWORTH AVENUE
ROAD CONSTRUCTION AHEAD
SPEED LIMIT 35
END WORK ZONE SPEED LIMIT
STOP
6" SKIP DASH, WHITE
2' DASH - 6' SKIP
6" LANE LINE, WHITE
WORK ZONE SPEED LIMIT 35 BEGINS $375 FINE MINIMUM
LETTERS, WHITE 21.1 SQ. FT. (TYP.)
TURN ARROW, WHITE 15.2 SQ. FT. (TYP.)
4" EDGE LINE, WHITE (TYP.)
4" SKIP DASH, WHITE
10' DASH - 30' SKIP (TYP.)
4" MEDIAN LINE, YELLOW (TYP.)
MATCHLINE STA. 121+00
4" MEDIAN LINE, YELLOW
4" SKIP DASH, WHITE
10' DASH - 30' SKIP (TYP.)
KIRK ROAD
6" LANE LINE, WHITE (TYP.)
℄ KIRK ROAD
LEFT LANE CLOSED AHEAD
350'
MATCHLINE STA. 131+00
4" EDGE LINE, WHITE (TYP.)
6" SKIP DASH, WHITE
2' DASH - 6' SKIP
TURN ARROW, WHITE
15.2 SQ. FT.
LETTERS, WHITE
21.1 SQ. FT.
MESA LANE

PLAN — NOTE BOOK / NO. — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.T. OF WAY CHECKED / CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK / NO. — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CHKD — BY — DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC STAGE VII SHEET 3 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	62
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

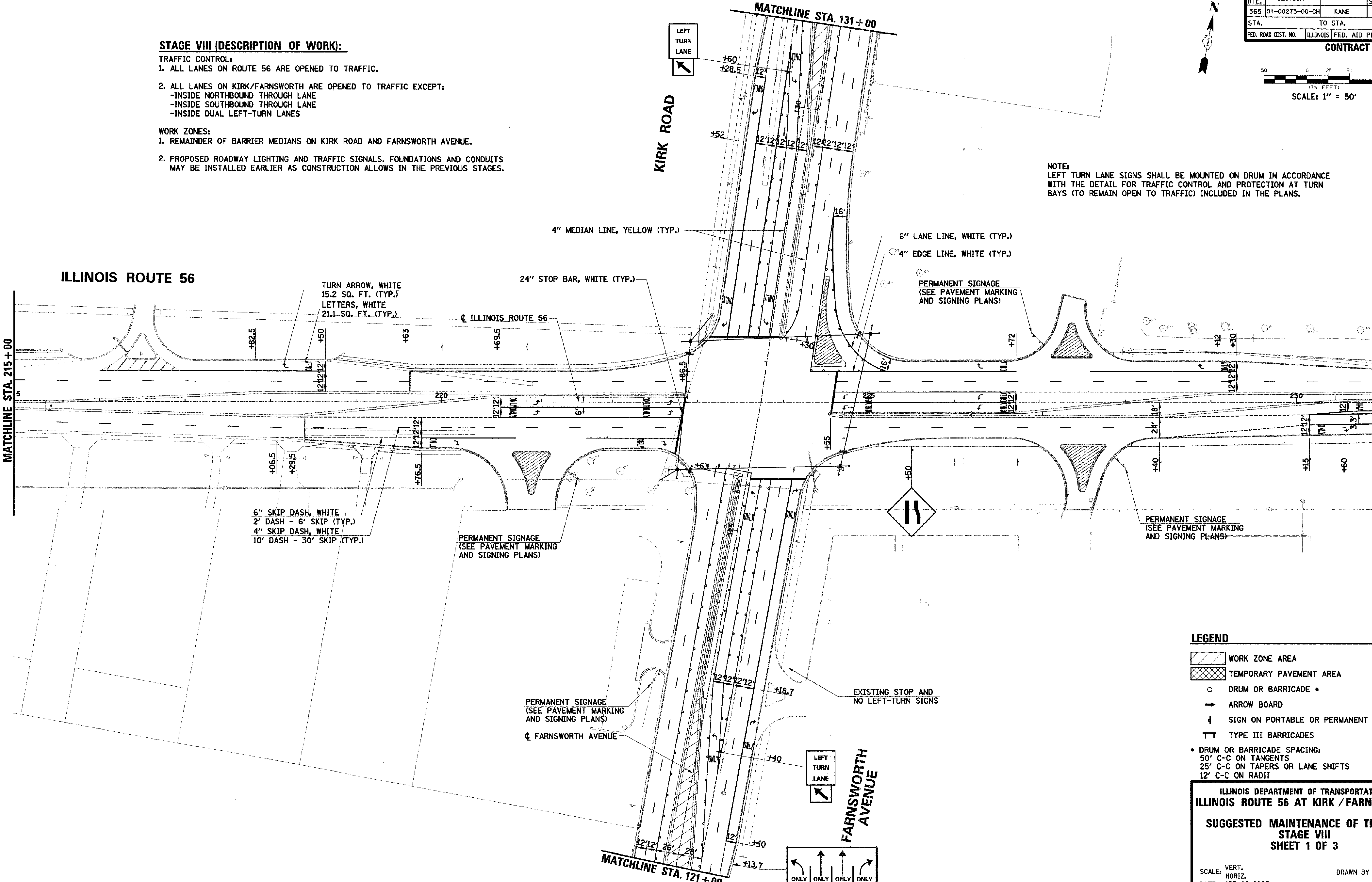
CONTRACT NO. 83906

STAGE VIII (DESCRIPTION OF WORK):

TRAFFIC CONTROL:
1. ALL LANES ON ROUTE 56 ARE OPENED TO TRAFFIC.
2. ALL LANES ON KIRK/FARNSWORTH ARE OPENED TO TRAFFIC EXCEPT:
   - INSIDE NORTHBOUND THROUGH LANE
   - INSIDE SOUTHBOUND THROUGH LANE
   - INSIDE DUAL LEFT-TURN LANES

WORK ZONES:
1. REMAINDER OF BARRIER MEDIANS ON KIRK ROAD AND FARNSWORTH AVENUE.
2. PROPOSED ROADWAY LIGHTING AND TRAFFIC SIGNALS. FOUNDATIONS AND CONDUITS MAY BE INSTALLED EARLIER AS CONSTRUCTION ALLOWS IN THE PREVIOUS STAGES.

NOTE:
LEFT TURN LANE SIGNS SHALL BE MOUNTED ON DRUM IN ACCORDANCE WITH THE DETAIL FOR TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) INCLUDED IN THE PLANS.



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC STAGE VIII SHEET 1 OF 3

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

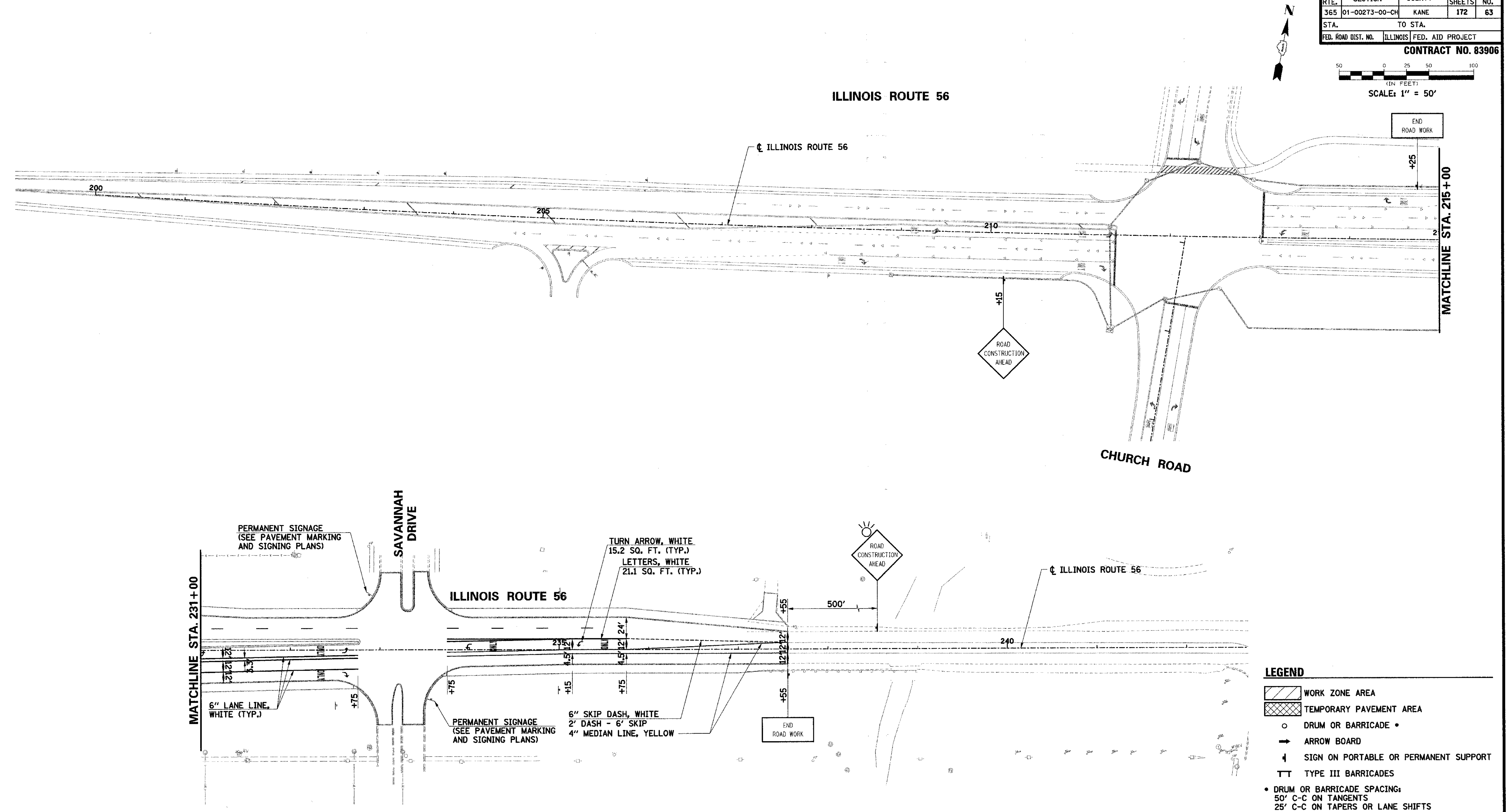
PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/W OF WAY CHECKED, CADD FILE NAME; NOTE BOOK, NO.; BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD; NOTE BOOK, NO.; BY, DATE

4/10/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	63
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE VIII
SHEET 2 OF 3

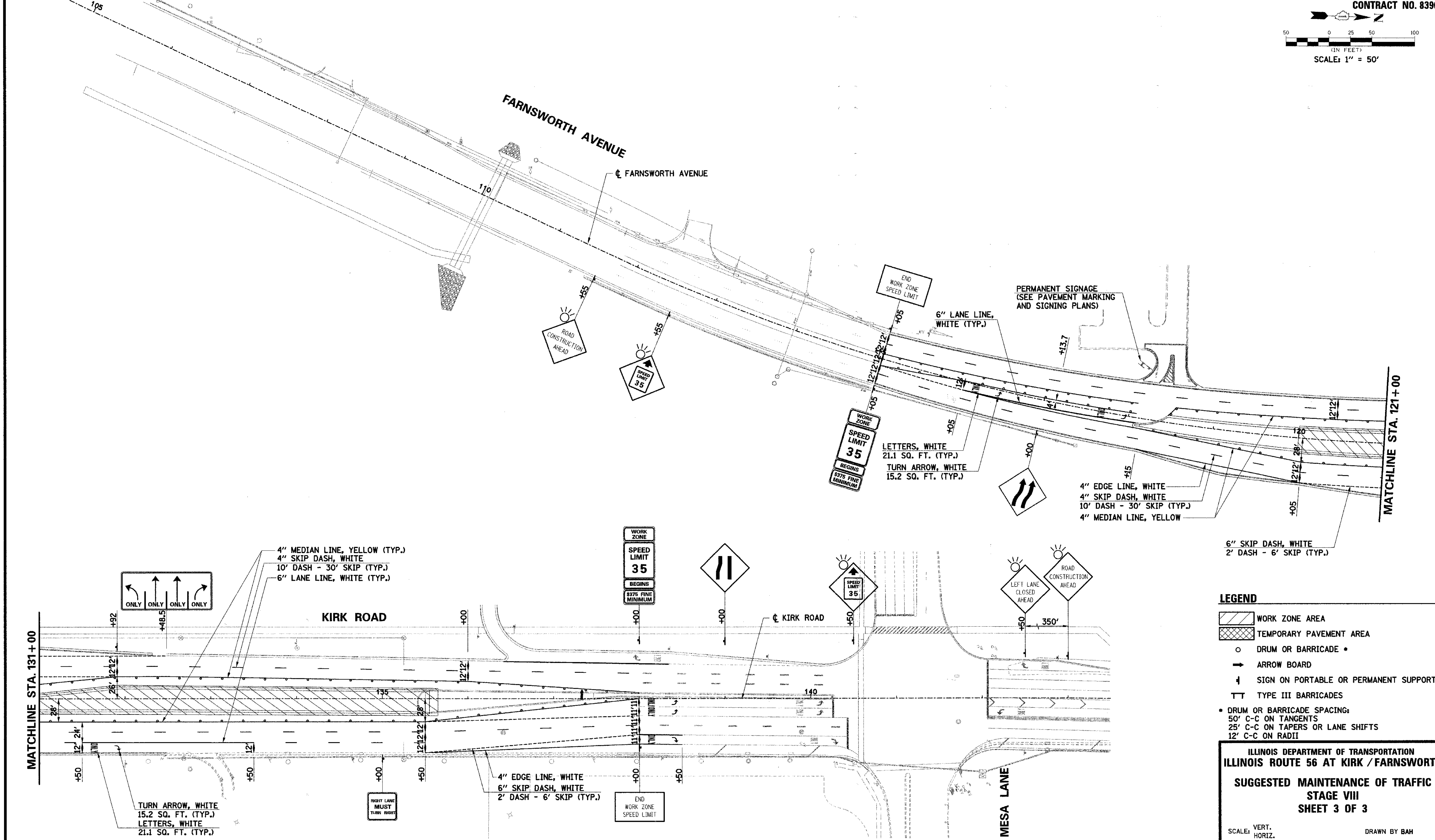
SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN: NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.O.W. CHECKED, CADD FILE NAME — BY — DATE

PROFILE: NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHK'D — BY — DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	64
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- ○ DRUM OR BARRICADE •
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADES

• DRUM OR BARRICADE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

SUGGESTED MAINTENANCE OF TRAFFIC STAGE VIII SHEET 3 OF 3

SCALE: VERT. HORIZ.
DRAWN BY BAH
DATE APR 06 2007
CHECKED BY APS

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.O.W. WAY CHECKED, CADD FILE NAME; NOTE BOOK, NO. | BY | DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHK'D; NOTE BOOK, NO. | BY | DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	65
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

NOTES:

1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, REVISED FEBRUARY 2002.
2. THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
3. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
4. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
5. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
6. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
7. THE CONTRACTOR SHALL PROVIDE INLET FILTER CLEANING AND SEDIMENT CONTROL, SILT FENCE MAINTENANCE AS REQUIRED (SEE SPECIAL PROVISIONS). QUANTITIES HAVE BEEN PROVIDED FOR 3 INLET FILTER CLEANINGS (PER LOCATION) AND 3 INCIDENTS OF SILT FENCE MAINTENANCE.
8. HAY OR STRAW BALES WILL NOT BE PERMITTED FOR THE CONSTRUCTION OF INLET AND PIPE PROTECTION AND/OR SEDIMENT CONTROL, SILT FENCE.

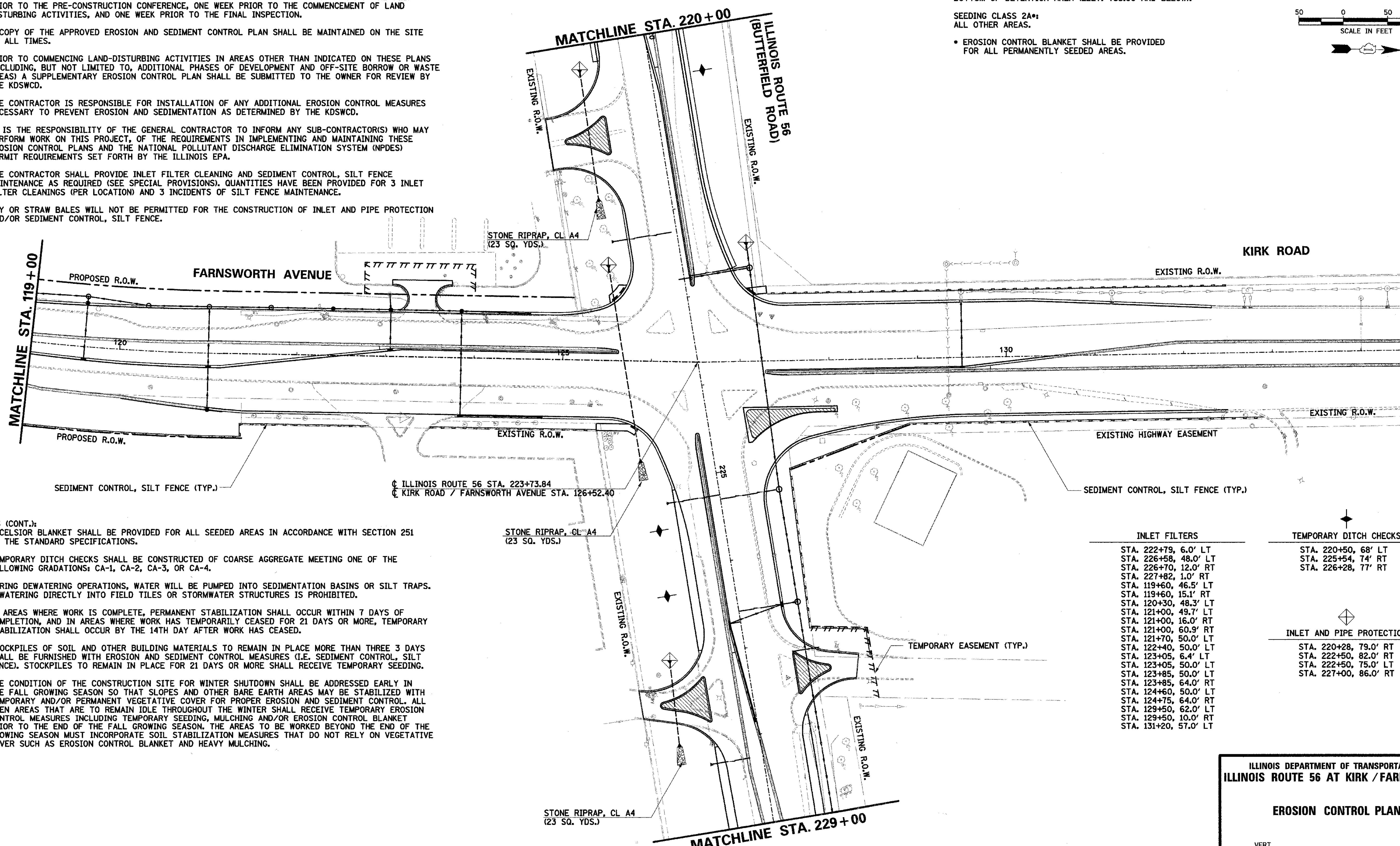
FINAL RESTORATION OF DISTURBED AREAS

SODDING, SALT TOLERANT:
KIRK ROAD AND FARNSWORTH AVENUE MEDIANS (SEE LANDSCAPING PLANS).

SEEDING CLASS 4A•:
BOTTOM OF DETENTION AREA (ELEV. 735.00 AND BELOW).

SEEDING CLASS 2A•:
ALL OTHER AREAS.

• EROSION CONTROL BLANKET SHALL BE PROVIDED FOR ALL PERMANENTLY SEEDED AREAS.



NOTES (CONT.):

9. EXCELSIOR BLANKET SHALL BE PROVIDED FOR ALL SEEDED AREAS IN ACCORDANCE WITH SECTION 251 OF THE STANDARD SPECIFICATIONS.
10. TEMPORARY DITCH CHECKS SHALL BE CONSTRUCTED OF COARSE AGGREGATE MEETING ONE OF THE FOLLOWING GRADATIONS: CA-1, CA-2, CA-3, OR CA-4.
11. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENTATION BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.
12. IN AREAS WHERE WORK IS COMPLETE, PERMANENT STABILIZATION SHALL OCCUR WITHIN 7 DAYS OF COMPLETION, AND IN AREAS WHERE WORK HAS TEMPORARILY CEASED FOR 21 DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 14TH DAY AFTER WORK HAS CEASED.
13. STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE 3 DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. SEDIMENT CONTROL, SILT FENCE). STOCKPILES TO REMAIN IN PLACE FOR 21 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.
14. THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET AND HEAVY MULCHING.

INLET FILTERS
STA. 222+79, 6.0' LT
STA. 226+58, 48.0' LT
STA. 226+70, 12.0' RT
STA. 227+82, 1.0' RT
STA. 119+60, 46.5' LT
STA. 119+60, 15.1' RT
STA. 120+30, 48.3' LT
STA. 121+00, 49.7' LT
STA. 121+00, 16.0' RT
STA. 121+00, 60.9' RT
STA. 121+70, 50.0' LT
STA. 122+40, 50.0' LT
STA. 123+05, 6.4' LT
STA. 123+05, 50.0' LT
STA. 123+85, 50.0' LT
STA. 123+85, 64.0' RT
STA. 124+60, 50.0' LT
STA. 124+75, 64.0' RT
STA. 129+50, 62.0' LT
STA. 129+50, 10.0' RT
STA. 131+20, 57.0' LT

TEMPORARY DITCH CHECKS
STA. 220+50, 68' LT
STA. 225+54, 74' RT
STA. 226+28, 77' RT

INLET AND PIPE PROTECTION
STA. 220+28, 79.0' RT
STA. 222+50, 82.0' RT
STA. 222+50, 75.0' LT
STA. 227+00, 86.0' RT

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

EROSION CONTROL PLANS

SCALE: VERT. HORIZ.

DATE APR 06 2007

DRAWN BY BAH

CHECKED BY APS

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.T. OF WAY CHECKED, CADD FILE NAME; NOTE BOOK NO.; BY; DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD; NOTE BOOK NO.; BY; DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	66
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

FINAL RESTORATION OF DISTURBED AREAS

SODDING, SALT TOLERANT:
KIRK ROAD AND FARNSWORTH AVENUE MEDIANS (SEE LANDSCAPING PLANS).

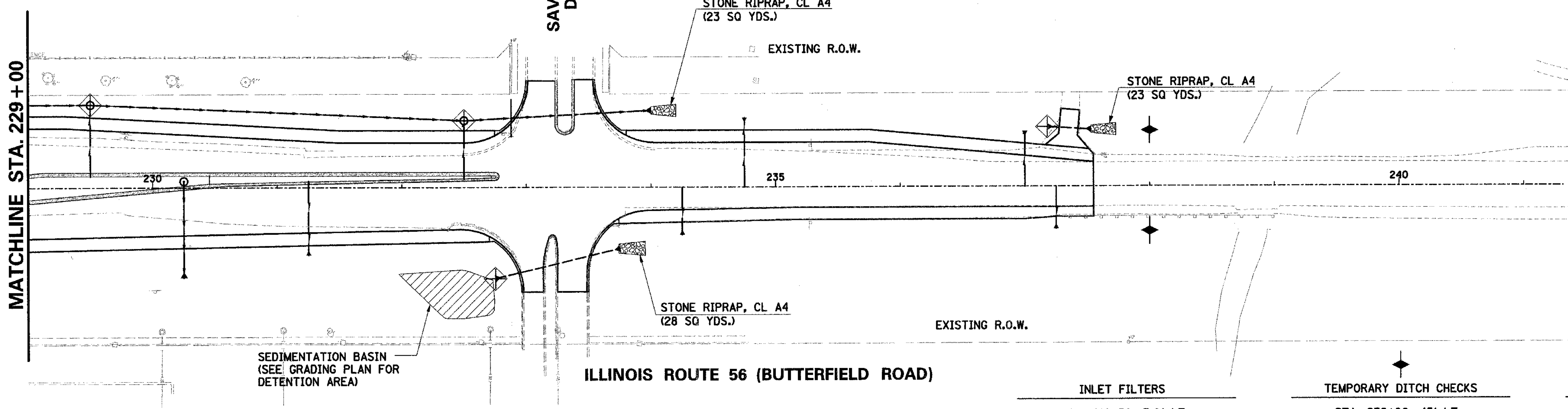
SEEDING CLASS 4A*:
BOTTOM OF DETENTION AREA (ELEV. 735.00 AND BELOW).

SEEDING CLASS 2A*:
ALL OTHER AREAS.

* EROSION CONTROL BLANKET SHALL BE PROVIDED FOR ALL PERMANENTLY SEEDED AREAS.

50 0 50 100
SCALE IN FEET

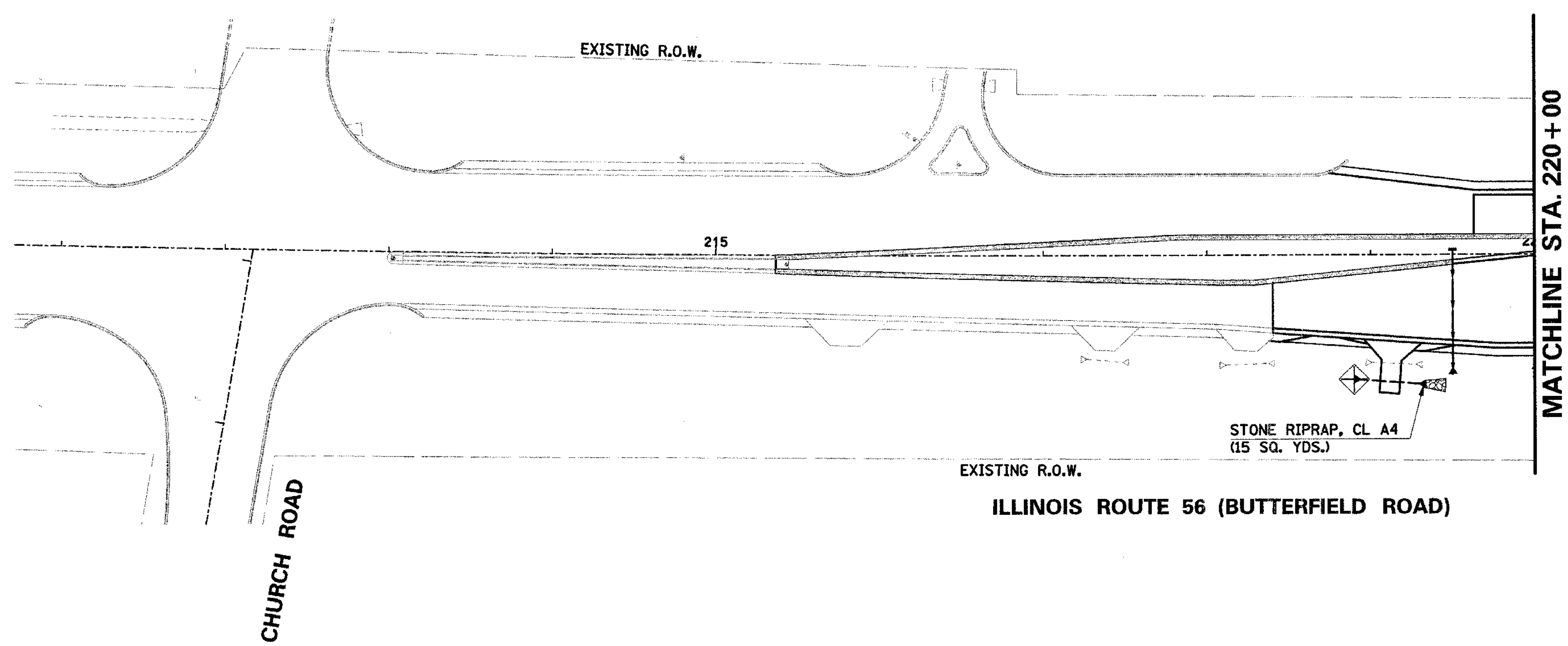
N



INLET FILTERS
- STA. 219+50, 3.0' LT
- STA. 229+50, 67.0' LT
- STA. 230+25, 5.0' LT
- STA. 232+50, 54.0' LT

TEMPORARY DITCH CHECKS
- STA. 238+00, 45' LT
- STA. 238+00, 36' RT

INLET AND PIPE PROTECTION
- STA. 218+90, 76.0' RT
- STA. 229+50, 67.0' LT
- STA. 232+50, 54.0' LT
- STA. 232+75, 73.0' RT
- STA. 237+18, 48.0' LT



NOTE:
THE CONTRACTOR SHALL PROVIDE INLET FILTER CLEANING AND SEDIMENT CONTROL, SILT FENCE MAINTENANCE AS REQUIRED (SEE SPECIAL PROVISIONS). QUANTITIES HAVE BEEN PROVIDED FOR 3 INLET FILTER CLEANINGS (PER LOCATION) AND 3 INCIDENTS OF SILT FENCE MAINTENANCE.

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

EROSION CONTROL PLANS

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN — NOTE BOOK, NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.T. OF WAY CHECKED, CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK, NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHK'D — BY — DATE

4/10/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	67
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

50 0 50 100
SCALE IN FEET

N

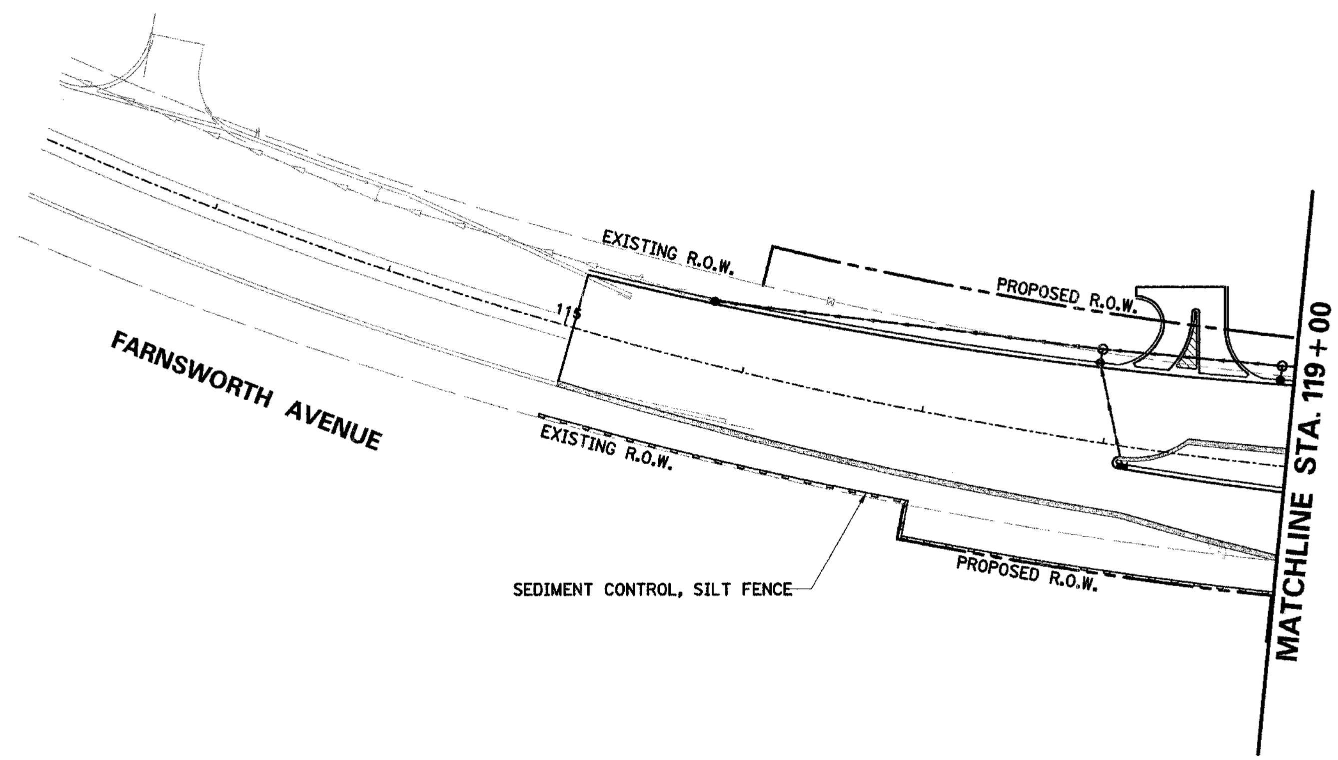
FINAL RESTORATION OF DISTURBED AREAS

SODDING, SALT TOLERANT:
KIRK ROAD AND FARNSWORTH AVENUE MEDIANS (SEE LANDSCAPING PLANS).

SEEDING CLASS 4A•:
BOTTOM OF DETENTION AREA (ELEV. 735.00 AND BELOW).

SEEDING CLASS 2A•:
ALL OTHER AREAS.

• EROSION CONTROL BLANKET SHALL BE PROVIDED FOR ALL PERMANENTLY SEEDED AREAS.



INLET FILTERS
STA. 115+76, 32.6' LT
STA. 117+92, 40.4' LT
STA. 118+12, 12.1' RT
STA. 118+92, 44.1' LT

NOTE:
THE CONTRACTOR SHALL PROVIDE INLET FILTER CLEANING AND SEDIMENT CONTROL, SILT FENCE MAINTENANCE AS REQUIRED (SEE SPECIAL PROVISIONS). QUANTITIES HAVE BEEN PROVIDED FOR 3 INLET FILTER CLEANINGS (PER LOCATION) AND 3 INCIDENTS OF SILT FENCE MAINTENANCE.

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

EROSION CONTROL PLANS

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

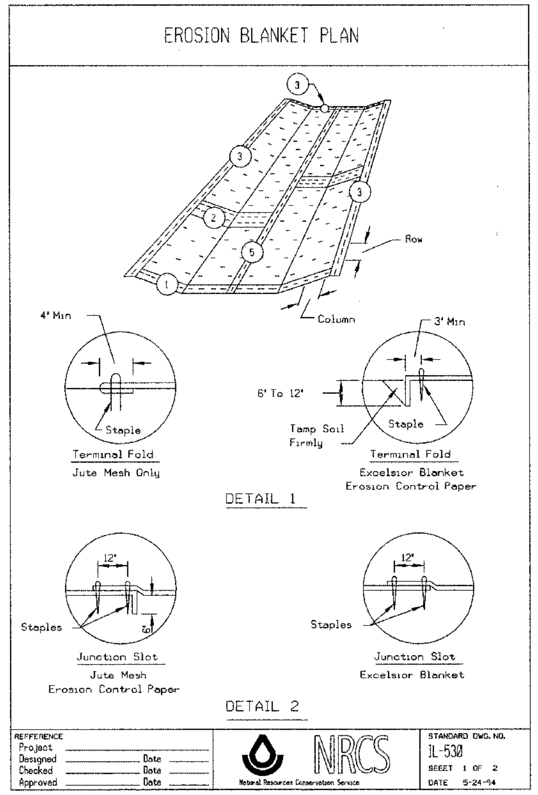
PLAN		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		

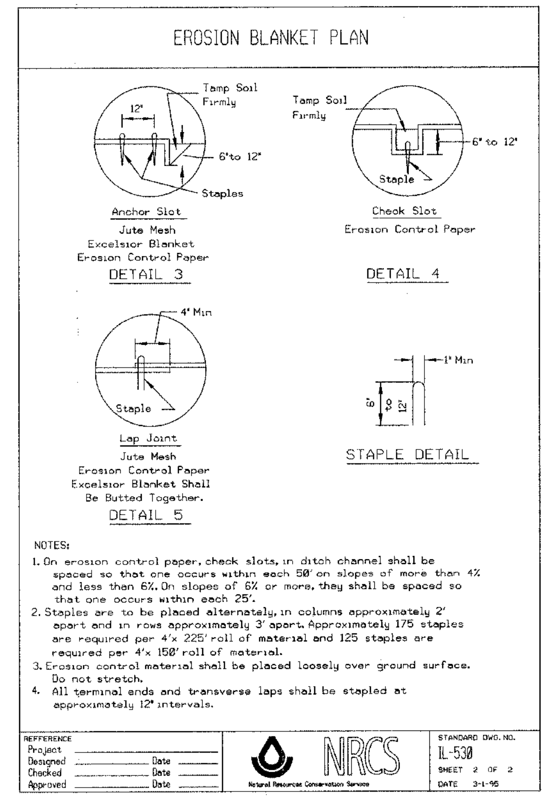
4/10/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	67A
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

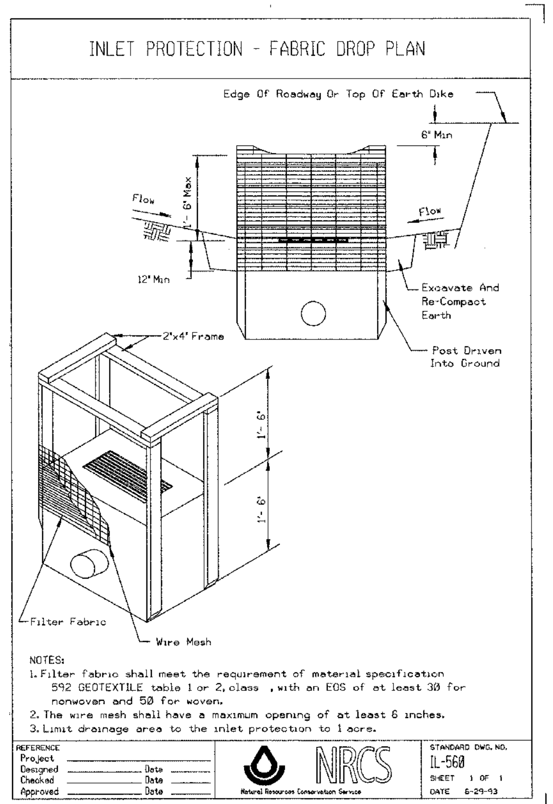
CONTRACT NO. 83906



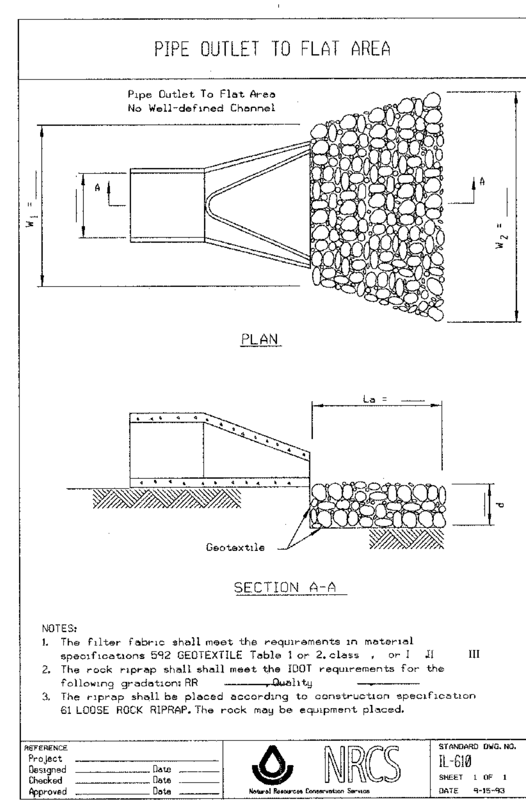
EROSION BLANKET PLAN
Flow
Column
4" Min
3" Min
6" To 12"
Tamp Soil Firmly
Staple
Terminal Fold
Jute Mesh Only
Terminal Fold
Excelsior Blanket
Erosion Control Paper
DETAIL 1
12"
Staples
Junction Slot
Jute Mesh
Erosion Control Paper
Junction Slot
Excelsior Blanket
DETAIL 2
NRCS
Natural Resources Conservation Service
STANDARD DWG. NO.
IL-530
SHEET 1 OF 2
DATE 5-24-94



EROSION BLANKET PLAN
Tamp Soil Firmly
6" to 12"
Staples
Anchor Slot
Jute Mesh
Excelsior Blanket
Erosion Control Paper
DETAIL 3
Check Slot
Erosion Control Paper
DETAIL 4
4" Min
Staple
Lap Joint
Jute Mesh
Erosion Control Paper
Excelsior Blanket Shall Be Butted Together.
DETAIL 5
1" Min
STAPLE DETAIL
NOTES:
1. On erosion control paper, check slots, in ditch channel shall be spaced so that one occurs within each 50' on slopes of more than 4% and less than 6%. On slopes of 6% or more, they shall be spaced so that one occurs within each 25'.
2. Staples are to be placed alternately, in columns approximately 2' apart and in rows approximately 3' apart. Approximately 175 staples are required per 4'x 225' roll of material and 125 staples are required per 4'x 150' roll of material.
3. Erosion control material shall be placed loosely over ground surface. Do not stretch.
4. All terminal ends and transverse laps shall be stapled at approximately 12" intervals.
NRCS
IL-530
SHEET 2 OF 2



INLET PROTECTION - FABRIC DROP PLAN
Edge Of Roadway Or Top Of Earth Dike
6" Min
Flow
1'- 6" Max
12" Min
Excavate And Re-Compact Earth
Post Driven Into Ground
2"x4" Frame
1'- 6"
Filter Fabric
Wire Mesh
NOTES:
1. Filter Fabric shall meet the requirement of material specification 592 GEOTEXTILE table 1 or 2, class , with an EOS of at least 30 for nonwoven and 50 for woven.
2. The wire mesh shall have a maximum opening of at least 6 inches.
3. Limit drainage area to the inlet protection to 1 acre.
NRCS
IL-560
SHEET 1 OF 1



PIPE OUTLET TO FLAT AREA
Pipe Outlet To Flat Area
No Well-defined Channel
PLAN
La =
Geotextile
SECTION A-A
NOTES:
1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class
2. The rock riprap shall meet the IDOT requirements for the following gradation: RR Quality
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.
NRCS
IL-610
SHEET 1 OF 1

RIPRAP QUANTITY & SIZING CHART

FLARED END SECTION STATION	PIPE DIA. (IN)	RIP-RAP GRADE	LA (FT)	THICKNESS (IN)	BEDDING THICKNESS (IN)	W1 (FT)	W2 (FT)	TOTAL (SQ YD)
219+34 RT	18	RR-4	16	16	6	4.50	7.90	15
221+78 RT	24	RR-4	20	16	6	6.00	10.00	23
224+75 RT	24	RR-4	20	16	6	6.00	10.00	23
228+00 RT	24	RR-4	20	16	6	6.00	10.00	23
233+75 RT	30	RR-4	22	16	6	7.50	11.30	28
234+00 LT	24	RR-4	20	16	6	6.00	10.00	23
237+53 LT	24	RR-4	20	16	6	6.00	10.00	23

NOTE: ASSUMED MINIMUM TAILWATER CONDITIONS AND MAXIMUM VELOCITY CONDITIONS (10 FPS)

FILTER FABRIC QUANTITY

FLARED END SECTION STATION	PIPE DIA. (IN)	RIP-RAP GRADE	LA (FT)	THICKNESS (IN)	BEDDING THICKNESS (IN)	W1 (FT)	W2 (FT)	FILTER FABRIC (SQ YD)
219+34 RT	18	RR-4	16	16	6	4.50	7.90	15
221+78 RT	24	RR-4	20	16	6	6.00	10.00	23
224+75 RT	24	RR-4	20	16	6	6.00	10.00	23
228+00 RT	24	RR-4	20	16	6	6.00	10.00	23
233+75 RT	30	RR-4	22	16	6	7.50	11.30	28
234+00 LT	24	RR-4	20	16	6	6.00	10.00	23
237+53 LT	24	RR-4	20	16	6	6.00	10.00	23

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

EROSION CONTROL PLANS DETAILS

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN — NOTE BOOK — NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — R.O.W. CHECKED — CADD FILE NAME — BY — DATE

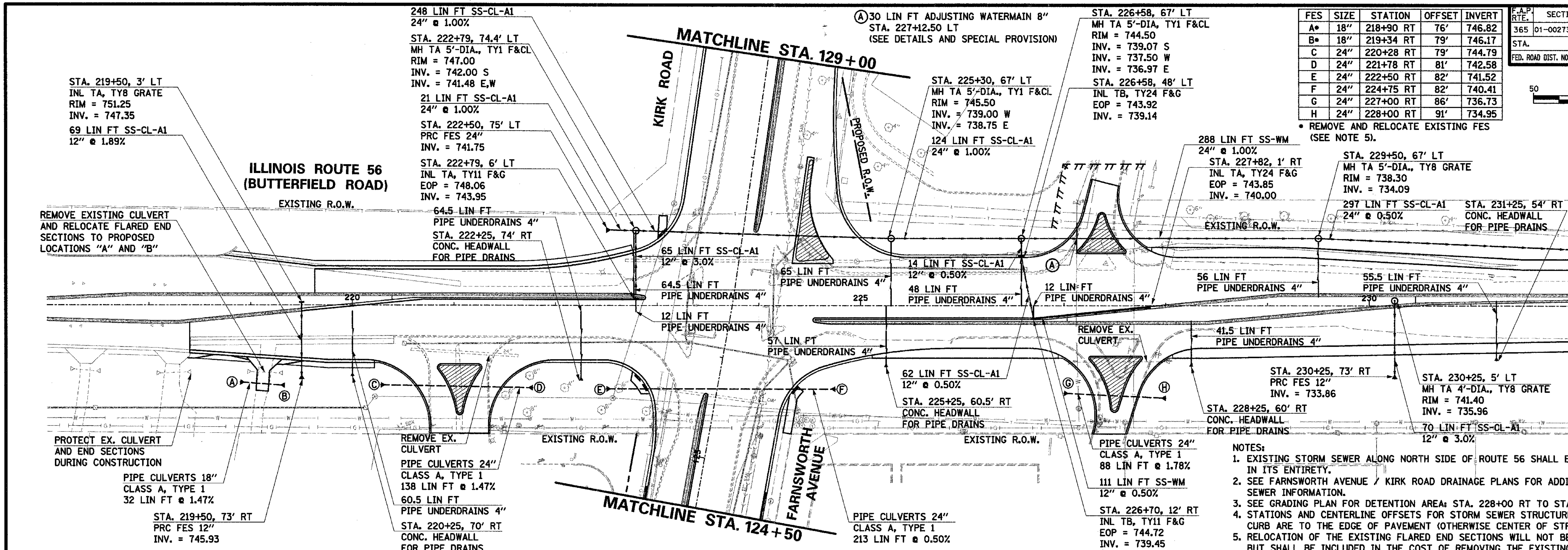
PROFILE — NOTE BOOK — NO. — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATIONS CHKD — BY — DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	68
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

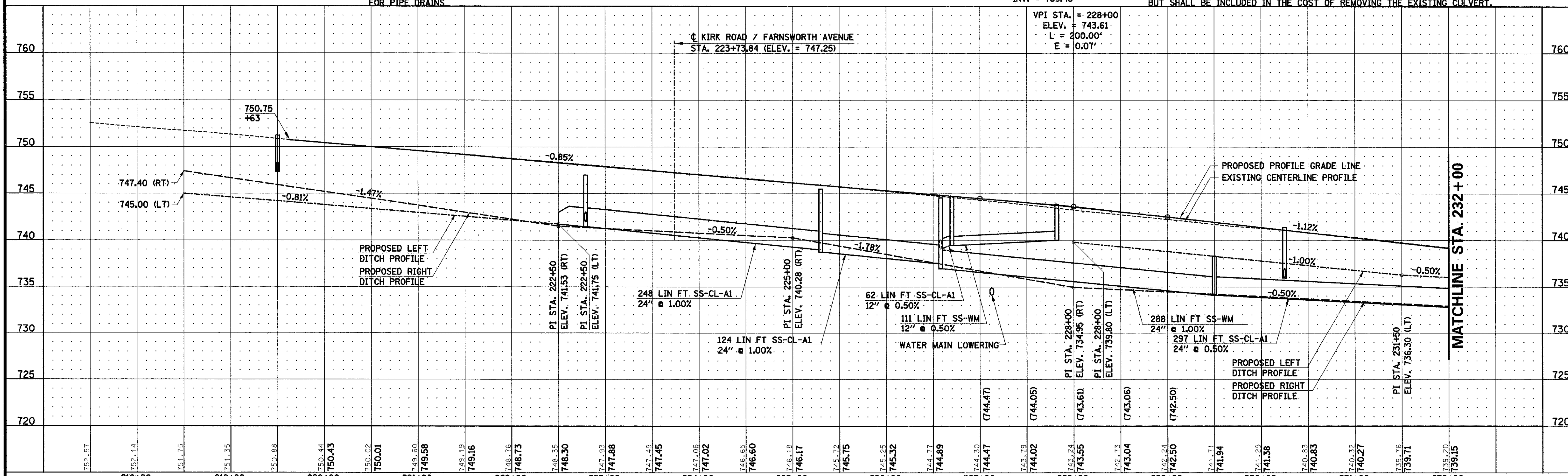
FES	SIZE	STATION	OFFSET	INVERT
A•	18"	218+90 RT	76'	746.82
B•	18"	219+34 RT	79'	746.17
C	24"	220+28 RT	79'	744.79
D	24"	221+78 RT	81'	742.58
E	24"	222+50 RT	82'	741.52
F	24"	224+75 RT	82'	740.41
G	24"	227+00 RT	86'	736.73
H	24"	228+00 RT	91'	734.95

• REMOVE AND RELOCATE EXISTING FES (SEE NOTE 5).



NOTES:

1. EXISTING STORM SEWER ALONG NORTH SIDE OF ROUTE 56 SHALL BE REMOVED IN ITS ENTIRETY.
2. SEE FARNSWORTH AVENUE / KIRK ROAD DRAINAGE PLANS FOR ADDITIONAL STORM SEWER INFORMATION.
3. SEE GRADING PLAN FOR DETENTION AREA: STA. 228+00 RT TO STA. 232+75 RT.
4. STATIONS AND CENTERLINE OFFSETS FOR STORM SEWER STRUCTURES WITHIN THE CURB ARE TO THE EDGE OF PAVEMENT (OTHERWISE CENTER OF STRUCTURE).
5. RELOCATION OF THE EXISTING FLARED END SECTIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF REMOVING THE EXISTING CULVERT.



ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) STA. 218+00.00 TO STA. 232+00.00 – DRAINAGE PLAN & PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	69
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

PLAN		BY	DATE
NOTE BOOK NO. ___	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

NOTES:

1. SEE GRADING PLAN FOR DETENTION AREA: STA. 228+00 RT TO STA. 232+75 RT.
2. SEE GRADING PLAN FOR SEDIMENTATION BASIN: STA. 232+00 RT TO STA. 232+70 RT.
3. STATIONS AND CENTERLINE OFFSETS FOR STORM SEWER STRUCTURES WITHIN THE CURB ARE TO THE EDGE OF PAVEMENT (OTHERWISE CENTER OF STRUCTURE).

PROFILE		BY	DATE
NOTE BOOK NO. ___	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		

y:*jobs*smith*2001*010321_kc_rte56*cadd*fin_dwg*321_dr2.dgn
4/7/2007

ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) STA. 232+00.00 TO STA. 237+55.00 – DRAINAGE PLAN & PROFILE

NOTES:
1. THE EXISTING STORM SEWER ALONG FARNSWORTH AVENUE NORTH OF STA. 115+75 SHALL BE REMOVED IN ITS ENTIRETY.

2. STATIONS AND CENTERLINE OFFSETS FOR STORM SEWER STRUCTURES WITHIN THE CURB ARE TO THE EDGE OF PAVEMENT (OTHERWISE CENTER OF STRUCTURE).

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	70
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

50 0 50 100
SCALE IN FEET

PLAN — SURVEYED / DRAWN / ALIGNMENT CHECKED / GRADES CHECKED / STRUCTURES DESIGNED / QUAD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / DRAWN / GRADES CHECKED / STRUCTURES DESIGNED / STRUCTURE NO(S)/THIS SHEET / BY / DATE

63 LIN FT SS-CL-A1
24" @ 0.8%
118+92, 54.1' LT
MH TA 5'-DIA., TY1 F&CL
RIM = 736.50
INV. = 730.33 E
INV. = 730.08 N,S

4 LIN FT SS-CL-A1
12" @ 2.0%
118+92, 44.1' LT
CB TA 4'-DIA., TY24 F&G
EOP = 733.81
INV. = 730.41

94 LIN FT SS-WM
24" @ 0.7%
117+92, 50.4' LT
MH TA 5'-DIA., TY1 F&CL
RIM = 736.50
INV. = 730.15 NE
INV. = 729.42 N
INV. = 728.89 S

4 LIN FT SS-CL-A1
12" @ 2.0%
117+92, 40.4' LT
CB TA 4'-DIA., TY24 F&G
EOP = 733.75
INV. = 730.23

208 LIN FT SS-WM
30" @ 0.7%
115+76, 32.6' LT
ADJUST EX. CB
W/ NEW TY24 F&G
EOP = 734.87
INV. = 727.43

REMOVE EX. INLET
AND PLUG PIPE

65 LIN FT SS-CL-A1
24" @ 0.7%
STA. 119+60, 46.5' LT
CB TA 4'-DIA., TY24 F&G
EOP = 734.55
INV. = 731.25

4 LIN FT SS-CL-A1
12" @ 2.0%
STA. 119+60, 56.5' LT
MH TA 5'-DIA., TY1 F&CL
RIM = 737.25
INV. = 731.17 E
INV. = 730.58 N,S

STA. 120+30, 48.3' LT
MH TA 5'-DIA., TY24 F&G
EOP = 735.58
INV. = 731.83 N
INV. = 731.04 S

65 LIN FT SS-WM
18" @ 2.0%
STA. 121+00, 49.7' LT
MH TA 4'-DIA., TY24 F&G
EOP = 737.69
INV. = 733.13

66 LIN FT SS-WM
18" @ 2.2%
STA. 121+70, 50' LT
MH TA 4'-DIA., TY24 F&G
EOP = 739.31
INV. = 734.58

MATCHLINE STA. 122+00

110
115
120
PROPOSED R.O.W.
PROPOSED R.O.W.
FARNSWORTH AVENUE

BEGIN IMPROVEMENTS
STA. 115+05.00

55 LIN FT SS-WM
12" @ 3.0%
118+12, 12.1' RT
INL TA, TY24 F&G
EOP = 735.72
INV. = 731.88

60 LIN FT SS-WM
12" @ 2.5%
119+60, 15.1' RT
INL TA, TY24 F&G
EOP = 736.73
INV. = 732.75

63 LIN FT SS-WM
12" @ 2.0%
121+00, 16.0' RT
INL TB, TY24 F&G
EOP = 739.02
INV. = 734.39

STA. 121+00, 60.9' RT
INL TA, TY24 F&G
EOP = 739.79
INV. = 735.74

45 LIN FT SS-CL-A1
12" @ 3.0%

NOTE:
EXISTING WATERMAIN PROFILE BASED ON INFORMATION PROVIDED BY THE CITY OF AURORA.

EXISTING CENTERLINE PROFILE

+1.3%
-0.6%
+1.9%

208 LIN FT SS-WM
30" @ 0.7%

EXISTING 12"
WATER MAIN

94 LIN FT SS-WM
24" @ 0.7%

63 LIN FT SS-CL-A1
24" @ 0.8%

65 LIN FT SS-WM
24" @ 0.7%

65 LIN FT SS-WM
18" @ 2.0%

66 LIN FT SS-WM
18" @ 2.2%

MATCHLINE STA. 122+00

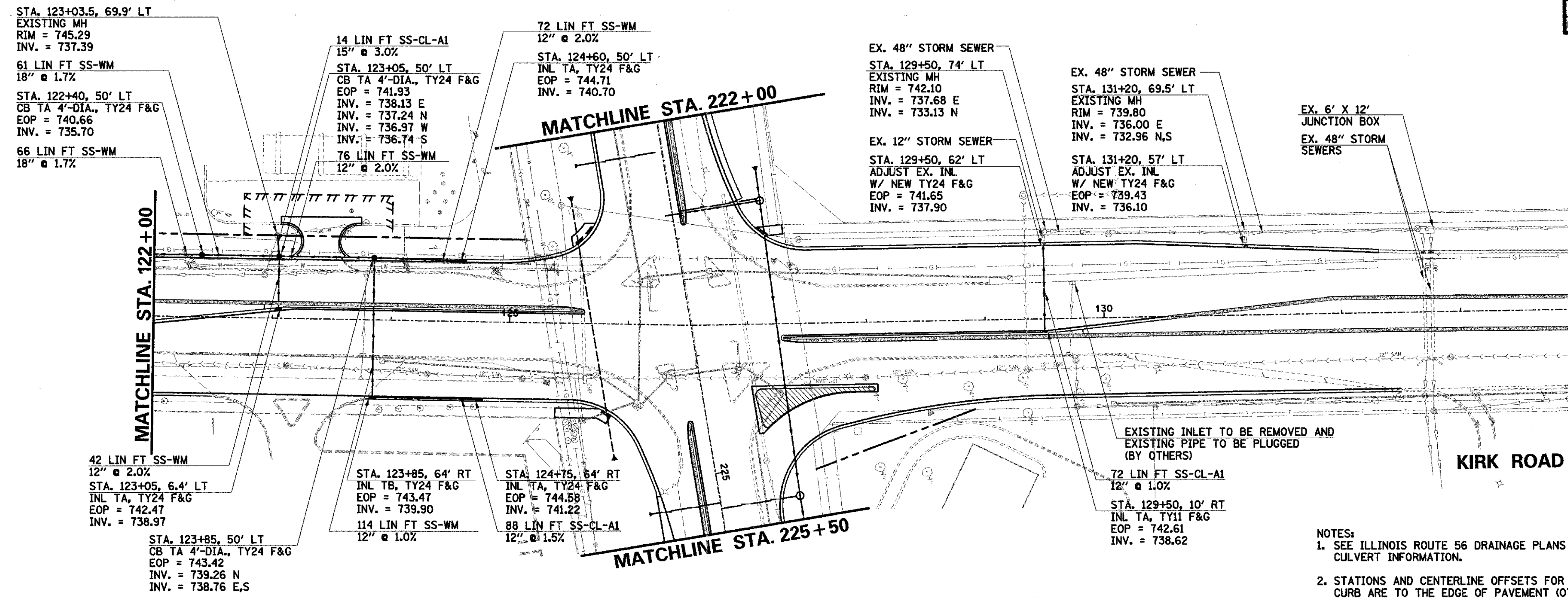
755 750 745 740 735 730 725 720 715

731.48 731.96 732.53 733.12 733.78 734.46 735.08 735.69 736.13 736.40 736.54 736.54 736.35 736.36 736.05 736.05 735.75 735.76 735.47 735.48 735.35 735.35 735.35 735.36 735.69 735.69 736.25 736.26 736.98 736.98 737.77 737.77 738.70 738.71 739.60 739.60 740.53

110+00 111+00 112+00 113+00 114+00 115+00 116+00 117+00 118+00 119+00 120+00 121+00 122+00

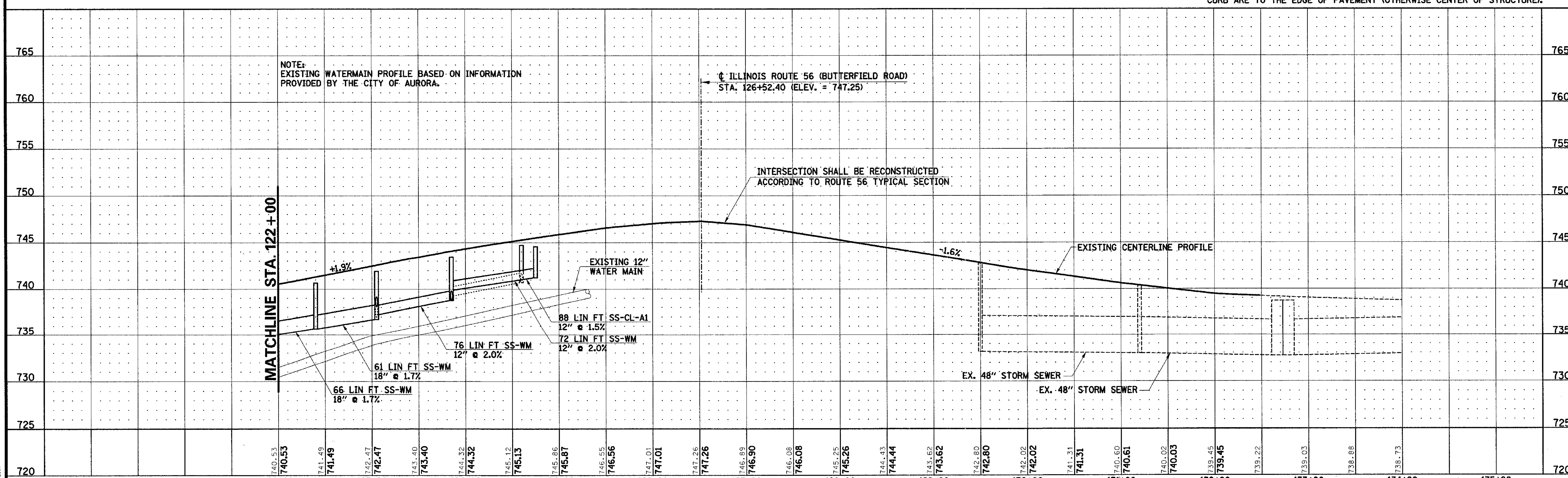
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	71
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



STA. 123+03.5, 69.9' LT
EXISTING MH
RIM = 745.29
INV. = 737.39
61 LIN FT SS-WM
18" @ 1.7%
STA. 122+40, 50' LT
CB TA 4'-DIA., TY24 F&G
EOP = 740.66
INV. = 735.70
66 LIN FT SS-WM
18" @ 1.7%
14 LIN FT SS-CL-A1
15" @ 3.0%
STA. 123+05, 50' LT
CB TA 4'-DIA., TY24 F&G
EOP = 741.93
INV. = 738.13 E
INV. = 737.24 N
INV. = 736.97 W
INV. = 736.74 S
76 LIN FT SS-WM
12" @ 2.0%
72 LIN FT SS-WM
12" @ 2.0%
STA. 124+60, 50' LT
INL TA, TY24 F&G
EOP = 744.71
INV. = 740.70
MATCHLINE STA. 222+00
EX. 48" STORM SEWER
STA. 129+50, 74' LT
EXISTING MH
RIM = 742.10
INV. = 737.68 E
INV. = 733.13 N
EX. 12" STORM SEWER
STA. 129+50, 62' LT
ADJUST EX. INL
W/ NEW TY24 F&G
EOP = 741.65
INV. = 737.90
EX. 48" STORM SEWER
STA. 131+20, 69.5' LT
EXISTING MH
RIM = 739.80
INV. = 736.00 E
INV. = 732.96 N,S
STA. 131+20, 57' LT
ADJUST EX. INL
W/ NEW TY24 F&G
EOP = 739.43
INV. = 736.10
EX. 6' X 12'
JUNCTION BOX
EX. 48" STORM
SEWERS
50 0 50 100
SCALE IN FEET
N
MATCHLINE STA. 122+00
42 LIN FT SS-WM
12" @ 2.0%
STA. 123+05, 6.4' LT
INL TA, TY24 F&G
EOP = 742.47
INV. = 738.97
STA. 123+85, 50' LT
CB TA 4'-DIA., TY24 F&G
EOP = 743.42
INV. = 739.26 N
INV. = 738.76 E,S
STA. 123+85, 64' RT
INL TB, TY24 F&G
EOP = 743.47
INV. = 739.90
114 LIN FT SS-WM
12" @ 1.0%
STA. 124+75, 64' RT
INL TA, TY24 F&G
EOP = 744.58
INV. = 741.22
88 LIN FT SS-CL-A1
12" @ 1.5%
MATCHLINE STA. 225+50
EXISTING INLET TO BE REMOVED AND
EXISTING PIPE TO BE PLUGGED
(BY OTHERS)
72 LIN FT SS-CL-A1
12" @ 1.0%
STA. 129+50, 10' RT
INL TA, TY11 F&G
EOP = 742.61
INV. = 738.62
KIRK ROAD
130
225

NOTES:
1. SEE ILLINOIS ROUTE 56 DRAINAGE PLANS FOR ADDITIONAL STORM SEWER AND CULVERT INFORMATION.
2. STATIONS AND CENTERLINE OFFSETS FOR STORM SEWER STRUCTURES WITHIN THE CURB ARE TO THE EDGE OF PAVEMENT (OTHERWISE CENTER OF STRUCTURE).

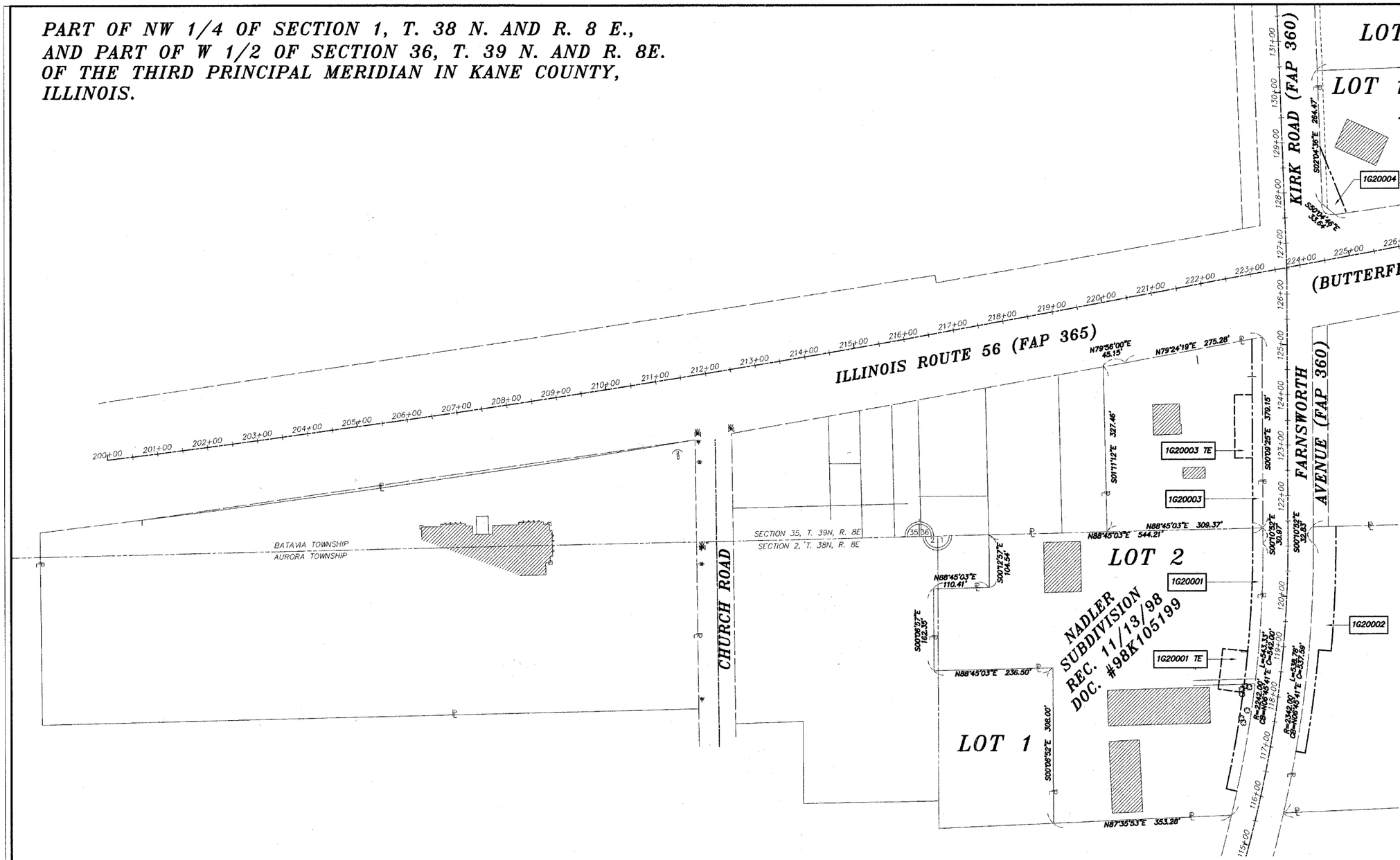


765
760
755
750
745
740
735
730
725
720
NOTE:
EXISTING WATERMAIN PROFILE BASED ON INFORMATION
PROVIDED BY THE CITY OF AURORA.
℄ ILLINOIS ROUTE 56 (BUTTERFIELD ROAD)
STA. 126+52.40 (ELEV. = 747.25)
INTERSECTION SHALL BE RECONSTRUCTED
ACCORDING TO ROUTE 56 TYPICAL SECTION
MATCHLINE STA. 122+00
+1.9%
-1.6%
EXISTING 12"
WATER MAIN
EXISTING CENTERLINE PROFILE
88 LIN FT SS-CL-A1
12" @ 1.5%
72 LIN FT SS-WM
12" @ 2.0%
76 LIN FT SS-WM
12" @ 2.0%
61 LIN FT SS-WM
18" @ 1.7%
66 LIN FT SS-WM
18" @ 1.7%
EX. 48" STORM SEWER
EX. 48" STORM SEWER
740.53 740.53
741.49 741.49
742.47 742.47
743.40 743.40
744.32 744.32
745.12 745.13
745.86 745.87
746.55 746.56
747.01 747.01
747.26 747.26
746.89 746.90
746.08 746.08
745.25 745.26
744.43 744.44
743.62 743.62
742.80 742.80
742.02 742.02
741.31 741.31
740.60 740.61
740.02 740.03
739.45 739.45
739.22
739.03
738.88
738.73
120+00
121+00
122+00
123+00
124+00
125+00
126+00
127+00
128+00
129+00
130+00
131+00
132+00
133+00
134+00
135+00

KIRK ROAD/FARNSWORTH AVENUE STA. 122+00.00 TO STA. 134+00.00 – DRAINAGE PLAN & PROFILE

PART OF NW 1/4 OF SECTION 1, T. 38 N. AND R. 8 E.,
AND PART OF W 1/2 OF SECTION 36, T. 39 N. AND R. 8E.
OF THE THIRD PRINCIPAL MERIDIAN IN KANE COUNTY,
ILLINOIS.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365/360	01-00273-00-CH	KANE	172	72
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STATE OF ILLINOIS)
) S.S.
COUNTY OF KENDALL)

THIS IS TO CERTIFY THAT I, Craig L. Day, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 1 AND 2, TOWNSHIP 38 N., RANGE 8 E., AND SECTIONS 35 AND 36, TOWNSHIP 39 N., RANGE 8 E., OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT YORKVILLE ILLINOIS THIS 12th DAY OF April 2007 A.D.

Craig L. Day
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3359
LICENSE EXPIRATION DATE: 11/30/08

OVERALL DETAIL

SMITH ENGINEERING CONSULTANTS, INC.
CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS
4500 PRIME PARKWAY, SUITE 201
McHENRY, ILLINOIS 60050
PH: 815-385-1778 FAX: 815-385-1781
www.smithengineering.com E-MAIL: sec@smithengineering.com
■ McHENRY ■ HUNTLEY ■ YORKVILLE
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE IL RTE 56 AT KIRK RD/FARNSWORTH AVE.
SECTION 01-00273-00 CH
COUNTY KANE
JOB# R-91-007-03 PROJECT#

DRAWN CHECKED
SCALE: 1" =100' SHEET NO. 1 OF 6

COMP. FILE: $FILE$
DATE: $DATE$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365/360	01-00273-00-CH	KANE	172	73
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

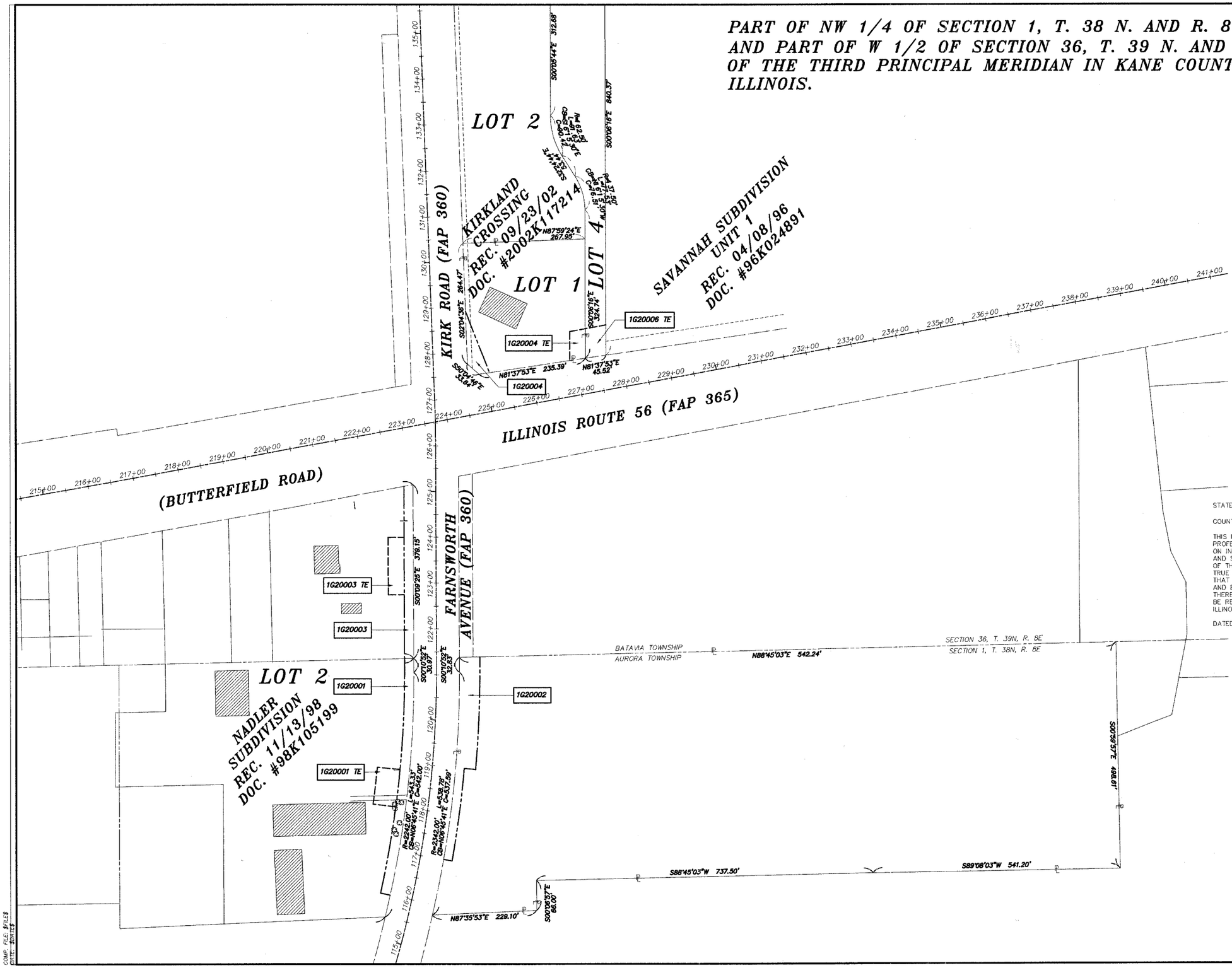
PART OF NW 1/4 OF SECTION 1, T. 38 N. AND R. 8 E., AND PART OF W 1/2 OF SECTION 36, T. 39 N. AND R. 8E. OF THE THIRD PRINCIPAL MERIDIAN IN KANE COUNTY, ILLINOIS.

N

GRAPHIC SCALE

100 0 50 100 200

(IN FEET)



STATE OF ILLINOIS)
) S.S.
COUNTY OF KENDALL)

THIS IS TO CERTIFY THAT I, Craig L. Duny, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 1 AND 2, TOWNSHIP 38 N., RANGE 8 E., AND SECTIONS 35 AND 36, TOWNSHIP 39 N., RANGE 8 E., OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT YORKVILLE, ILLINOIS THIS 12th DAY OF April 2007 A.D.

Craig L. Duny

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3354

LICENSE EXPIRATION DATE: 11/30/08

OVERALL DETAIL

SMITH ENGINEERING CONSULTANTS, INC.
CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS
4500 PRIME PARKWAY, SUITE 201
McHENRY, ILLINOIS 60050
PH: 815-385-1778 FAX: 815-385-1781
www.smithengineering.com E-MAIL: sec@smithengineering.com
• McHENRY • HUNTLEY • YORKVILLE
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE IL RTE 56 AT KIRK RD/FARNSWORTH AVE.
SECTION 01-00273-00 CH
COUNTY KANE
JOB# R-91-007-03 PROJECT#

DRAWN CHECKED
SCALE: 1" =100' SHEET NO. 2 OF 6

COMP. FILE: $FILE$
DATE: $DATE$

PART OF NW 1/4 OF SECTION 1, T. 38N. AND R. 8E. AND SW 1/4 OF SECTION 36, T. 39N. AND R. 8E., OF THE THIRD PRINCIPAL MERIDIAN IN KANE COUNTY, ILLINOIS.

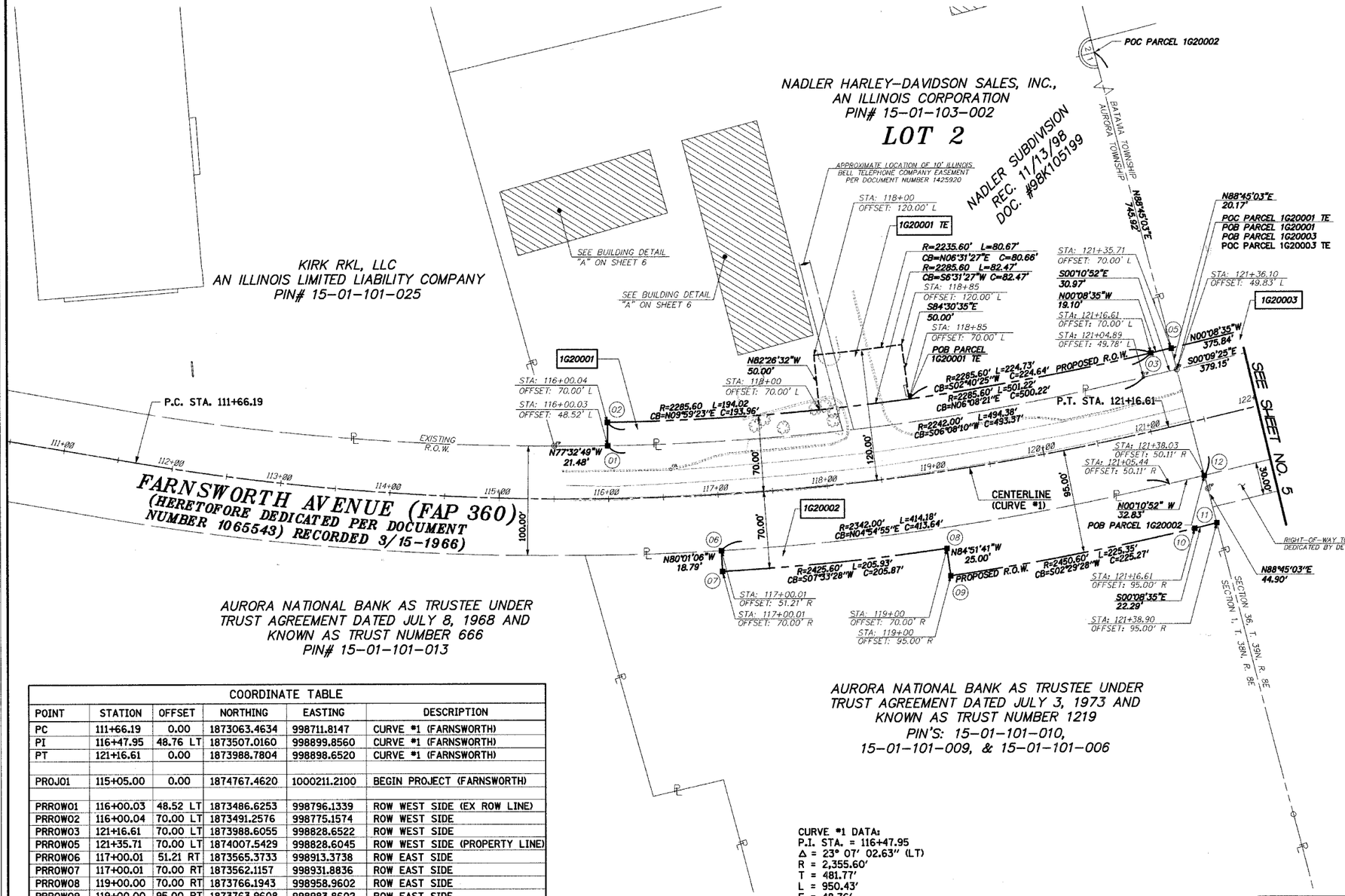
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365/360	01-00273-00-CH	KANE	172	74
STA. 111+00	TO STA. 122+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PARCEL NO.	OWNER	P.I.N.	TOTAL HOLDING AREA (ACRES)	AREA TAKEN (ACRES)	PREV. DED'D OR USED AREA (ACRES)	REMAINING AREA (ACRES)	EASEMENT AREA (ACRES)	EASEMENT PURPOSE	ACQUIRED BY:	TITLE COMMITMENT NUMBER
1G20001 1G20001 TE	NADLER GOLF CAR SALES, INC. SUCCESSOR BY MERGER TO NADLER HARLEY-DAVIDSON SALES, INC., AN ILLINOIS CORPORATION	15-01-103-002	6.365	0.253	N/A	6.112	0.094	TEMPORARY CONSTRUCTION		1410 000553136KA
1G20002	AURORA NATIONAL BANK AS TRUSTEE UNDER TRUST AGREEMENT DATED JULY 3, 1973 AND KNOWN AS TRUST NUMBER 1219	15-01-101-010 15-01-101-009 15-01-101-006	16.921	0.339	N/A	16.582	-	N/A		11-2005KN-694.0
1G20003 1G20003 TE	AMOCO OIL COMPANY, A MARYLAND CORPORATION	12-36-300-011 12-36-300-010	2.533	0.174	N/A	2.359	0.100	TEMPORARY CONSTRUCTION		1410 000553135KA

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)



COORDINATE TABLE					
POINT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
PC	111+66.19	0.00	1873063.4634	998711.8147	CURVE #1 (FARNSWORTH)
PI	116+47.95	48.76 LT	1873507.0160	998899.8560	CURVE #1 (FARNSWORTH)
PT	121+16.61	0.00	1873988.7804	998898.6520	CURVE #1 (FARNSWORTH)
PROJ01	115+05.00	0.00	1874767.4620	1000211.2100	BEGIN PROJECT (FARNSWORTH)
PRROW01	116+00.03	48.52 LT	1873486.6253	998796.1339	ROW WEST SIDE (EX ROW LINE)
PRROW02	116+00.04	70.00 LT	1873491.2576	998775.1574	ROW WEST SIDE
PRROW03	121+16.61	70.00 LT	1873988.6055	998828.6522	ROW WEST SIDE
PRROW05	121+35.71	70.00 LT	1874007.5429	998828.6045	ROW WEST SIDE (PROPERTY LINE)
PRROW06	117+00.01	51.21 RT	1873565.3733	998913.3738	ROW EAST SIDE
PRROW07	117+00.01	70.00 RT	1873562.1157	998931.8836	ROW EAST SIDE
PRROW08	119+00.00	70.00 RT	1873766.1943	998958.9602	ROW EAST SIDE
PRROW09	119+00.00	95.00 RT	1873763.9608	998983.8602	ROW EAST SIDE
PRROW10	121+16.61	95.00 RT	1873989.0179	998993.6517	ROW EAST SIDE
PRROW11	121+38.90	95.00 RT	1874011.3043	998993.5960	ROW EAST SIDE (PROPERTY LINE)
PRROW12	121+38.03	50.11 RT	1874010.3252	998948.7114	ROW EAST SIDE (EX ROW LINE)

NOTE: ALL COORDINATES REPRESENT GROUND COORDINATES.

CURVE #1 DATA:
P.I. STA. = 116+47.95
Δ = 23° 07' 02.63" (LT)
R = 2,355.60'
T = 481.77'
L = 950.43'
E = 48.76'
P.C. STA. 111+66.19
P.T. STA. 121+16.61

1.) ALL BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE GRID (1986 ADJUSTMENT).

2.) COMBINED SCALE FACTOR=0.9999448320

STATE OF ILLINOIS)
) S.S.
COUNTY OF KENDALL)

THIS IS TO CERTIFY THAT I, Craig L. Day, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 1 AND 2 TOWNSHIP 38 N., RANGE 8 E., AND SECTIONS 35 AND 36 TOWNSHIP 39 N., RANGE 8 E., OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT YORKVILLE, ILLINOIS THIS 12TH DAY OF April 2007 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3357
LICENSE EXPIRATION DATE: 11/30/08

PARCEL DETAILS FARNSWORTH AVENUE

SMITH ENGINEERING CONSULTANTS, INC.
CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS
4500 FIRMS PARKWAY, SUITE 201
McHENRY, ILLINOIS 60050
PH: 815-385-1778 FAX: 815-385-1781
www.smithengineering.com E-MAIL: em@smithengineering.com
■ McHENRY ■ HUNTLEY ■ YORKVILLE
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE IL RTE 56 AT KIRK RD/FARNSWORTH AVE.
SECTION 01-00273-00 CH
COUNTY KANE
JOB# R-91-007-03 PROJECT#

STA 111+00 TO STA 122+00
DRAWN CHECKED
SCALE: 1" =50' SHEET NO. 3 OF 6

COMP. FILE: $FILE$
DATE: $DATE$

PART OF SW 1/4 OF SECTION 36, T. 39N. AND R. 8E., OF THE THIRD PRINCIPAL MERIDIAN IN KANE COUNTY, ILLINOIS.

PARCEL NO.	OWNER	P.I.N.	TOTAL HOLDING AREA (ACRES)	AREA TAKEN (ACRES)	PREV. DED'D OR USED AREA (ACRES)	REMAINING AREA (ACRES)	EASEMENT AREA (ACRES)	EASEMENT PURPOSE	ACQUIRED BY:	TITLE COMMITMENT NUMBER
1G20003 1G20003 TE	AMOCO OIL COMPANY A MARYLAND CORPORATION	12-36-300-011 12-36-300-010	2.533	0.174	0.000	2.359	0.100	TEMPORARY CONSTRUCTION		1410 000553135KA
1G20004 1G20004 TE	HARRIS N.A. SUCCESSOR BY MERGER TO HARRIS BANK BATAVIA N.A., A NATIONAL BANKING ASSOCIATION	12-36-353-004	1.656	0.069	0.000	1.587	0.050	TEMPORARY CONSTRUCTION		1410 000553134KA
1G20006 TE	AURORAKIRK, INC.	12-36-353-005	1.594	0.000	0.000	1.594	0.068	TEMPORARY CONSTRUCTION		11-2005KN-692.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365/360	01-00273-00-CH	KANE	172	75
STA. 121+00	TO STA. 134+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)

1.) ALL BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE GRID (1986 ADJUSTMENT).

2.) COMBINED SCALE FACTOR=0.9999448320

POC PARCEL 1G20002

POC PARCEL 1G20001 TE
POB PARCEL 1G20001
POB PARCEL 1G20003
POC PARCEL 1G20003 TE

SEE BUILDING DETAIL "B" ON SHEET 6

SEE BUILDING DETAIL "B" ON SHEET 6

AMOCO OIL COMPANY,
A MARYLAND CORPORATION
PIN# 12-36-300-011
PIN# 12-36-300-010

STA: 121+35.71
OFFSET: 70.00' L
N88°45'03"E
20.17'
S00°10'52"E
30.97'
N00°08'35"W
19.10'
STA: 121+16.61
OFFSET: 70.00' L
N88°45'03"E
745.92'

AURORA TOWNSHIP
BATAVIA TOWNSHIP

STA: 122+75.00
OFFSET: 105.00' L
S89°51'25"W
35.00'
STA: 122+75.00
OFFSET: 70.00' L
POB PARCEL
1G20003 TE
N00°08'35"W 139.30'
N00°08'35"W 375.84'
S00°09'25"E 379.15'
STA: 121+36.40
OFFSET: 49.83' L
STA: 121+05.44
OFFSET: 49.81' L

STA: 124+00.00
OFFSET: 105.00' L
N89°51'25"E
35.00'
STA: 124+00.00
OFFSET: 70.00' L
N00°08'35"W 125.00'
1G20003 TE
S00°08'35"E 125.00'
S00°08'35"E 111.55'
PR R.O.W.
EXISTING R.O.W.
1G20003
105.00'
70.00'

SOUTH LINE OF RIGHT OF WAY PER MONUMENTATION

EXISTING R.O.W.

ILLINOIS ROUTE 56 (FAP 365)

N 79°51'33.96" E

STA: 222+79.72 OFFSET: 126.01' R (ROUTE 56)
STA: 125+11.55 OFFSET: 70.00' L (FARNSWORTH)

N79°24'19"E
20.42'

STA: 223+00.13 OFFSET: 125.97' R (ROUTE 56)
STA: 125+15.26 OFFSET: 49.92' L (FARNSWORTH)

℄ ILLINOIS ROUTE 56 STA: 223+73.84
℄ KIRK/FARNSWORTH STA: 126+52.40

35.00'
EXISTING R.O.W.
RIGHT-OF-WAY TO BE DEDICATED BY DEVELOPER

KIRK ROAD (FAP 360)

(HERETOFORE DEDICATED - COUNTY HIGHWAY NO. 77)
PER KIRK ROAD RIGHT-OF-WAY SURVEY
DATED 2/13/1989
PROVIDED BY THE
KANE COUNTY HIGHWAY DEPARTMENT
ACCORDING TO DOCUMENT
NUMBER 2002 K117214

SEE SHEET NO. 4

PT
STA. 121+16.61

FARNSWORTH AVENUE (FAP 360)
(HERETOFORE DEDICATED PER DOCUMENT NUMBER 1065543) RECORDED 3/15/1966

N 0°08'35.48" W

123+00 124+00 125+00 126+00 127+00 128+00 129+00 130+00 131+00 132+00 133+00

STA: 224+65.65, OFFSET: 111.09' L (ROUTE 56)
STA: 127+75.64, OFFSET: 74.71' R (KIRK)

EXISTING TRANSFORMERS

N 2°07'26.51" W

1G20004
N02°04'36"W
114.36'
STA: 128+90.00
OFFSET: 74.80' R

10' HIGHWAY EASEMENT PER DOCUMENT #2002K117214

125.00'

EAST R.O.W. LINE PER DOCUMENT #2002K117214

RIGHT-OF-WAY TO BE DEDICATED BY DEVELOPER

30.00'

EXISTING R.O.W.

STA: 224+87.09, OFFSET: 85.17' L (ROUTE 56)
STA: 127+53.12, OFFSET: 99.69' R (KIRK)

STA: 121+38.03
OFFSET: 50.11' R
POB PARCEL 1G20002
N88°45'03"E
44.87'

STA: 121+05.44
OFFSET: 50.11' R
STA: 121+16.61
OFFSET: 95.00' R
N00°10'52"W
32.83'
S00°08'35"E
22.29'
STA: 121+38.90
OFFSET: 95.00' R

SECTION 1, T. 38N, R. 8E
SECTION 36, T. 39N, R. 8E

S81°37'53"W
22.92'
PROPOSED R.O.W.
S21°39'14"E
142.60'

SEE BUILDING DETAIL "C" ON SHEET 6

STA: 225+10.00, OFFSET: 84.33' L (ROUTE 56)
STA: 127+55.61, OFFSET: 122.47' R (KIRK)

POB PARCEL 1G20004

S81°37'53"W
257.68'
N81°37'53"E
257.68'

LOT 1

LOT 2

HARRIS N.A. SUCCESSOR BY MERGER TO HARRIS BANK BATAVIA N.A., A NATIONAL BANKING ASSOCIATION
PIN# 12-36-353-004

205.00'

STA: 226+87.87
OFFSET: 77.79' L
S81°37'53"W
34.48'
POB PARCEL
1G20004 TE
N00°06'16"W
84.53'
STA: 227+22.33
OFFSET: 76.53' L
S81°37'53"W
45.52'
STA: 227+67.82
OFFSET: 74.85' L

STA: 226+99.25
OFFSET: 140.00' L
N00°06'16"W
63.24'
N79°31'34"E
34.69'
1G20004 TE
STA: 227+33.94
OFFSET: 140.00' L
N79°31'34"E
45.80'
1G20006 TE
S00°06'16"E
66.23'
STA: 227+79.74
OFFSET: 140.00' L

KIRKLAND CROSSING
REC. SEPTEMBER 23, 2002
DOC.#2002K117214

LOT 4

AURORAKIRK, INC.
PIN# 12-36-353-005

(BUTTERFIELD ROAD)

N 79°51'33.96" E

EXISTING R.O.W.

POC PARCEL 1G20004
POC PARCEL 1G20004 TE
POB PARCEL 1G20006 TE

NORTH LINE OF OLD NORTH AURORA ROAD AS SHOWN ON RIGHT OF WAY PLAT OF DEDICATION FOR PUBLIC HIGHWAY RECORDED 05/08/1940 AS DOCUMENT NUMBER 452862 AND PLAT RECORDED 12/21/1939 AS DOCUMENT NUMBER 446408CORDING TO DOCUMENT NUMBER 2002 K117214 AND MONUMENTATION

COORDINATE TABLE					
POINT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
PT	121+16.61	0.00	1873988.7804	998898.6520	CURVE #1 (FARNSWORTH)
POT	126+52.40	0.00	1874524.5650	998897.3130	CENTER (KIRK/FARNSWORTH)
	223+73.84				CENTER (IL ROUTE 56)
PC	142+01.24	0.00	1876072.3415	998839.9086	CURVE #2 (KIRK)
PC	200+00.03	0.00	1874147.0287	996554.2139	CURVE #1 (IL ROUTE 56)
PI	208+88.74	13.69 RT	1874254.4900	997436.4090	CURVE #1 (IL ROUTE 56)
PT	217+76.90	0.00	1874416.0476	998310.3171	CURVE #1 (IL ROUTE 56)
PROJ02	135+85.00	0.00	1875456.5246	998862.7482	END PROJECT (KIRK)
PROJ03	215+00.00	0.00	1874367.0185	998037.7962	BEGIN PROJECT (IL ROUTE 56)
PROJ04	237+10.00	0.00	1874767.4617	1000211.2099	END PROJECT (IL ROUTE 56)
PRROW03	121+16.61	70.00 LT	1873988.6055	998828.6522	ROW WEST SIDE (PROPERTY LINE)
PRROW04	125+11.55	70.00 LT	1874383.5429	998827.6651	ROW WEST SIDE (EX ROW LINE)
PRROW05	121+35.71	70.00 LT	1874007.5429	998828.6045	ROW WEST SIDE (PROPERTY LINE)
PRROW13	127+55.61	122.47 RT	1874632.2421	999015.8743	ROW EAST SIDE (EX ROW LINE)
PRROW14	128+90.00	74.80 RT	1874764.7744	998963.2569	ROW EAST SIDE (EX ROW LINE)

NOTE: ALL COORDINATES REPRESENT GROUND COORDINATES.

STATE OF ILLINOIS)
) S.S.
COUNTY OF KENDALL)

THIS IS TO CERTIFY THAT I, Craig L. Dury AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 36, TOWNSHIP 38 N., RANGE 8 E., OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY; THAT THE SURVEY IS IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT YORKVILLE, ILLINOIS THIS 12th DAY OF April 2007 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3357
LICENSE EXPIRATION DATE: 11/30/08

CRAIG L. DURY
035-003809
NEWARK
ILLINOIS
STATE OF ILLINOIS

PARCEL DETAILS KIRK ROAD/ FARNSWORTH AVE.

SMITH ENGINEERING CONSULTANTS, INC.
CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS
4500 PRIME PARKWAY, SUITE 201
McHENRY, ILLINOIS 60050
PH: 815-385-1778 FAX: 815-385-1781
www.smithengineering.com E-MAIL: sec@smithengineering.com
■ McHENRY ■ HUNTLEY ■ YORKVILLE
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE IL RTE 56 AT KIRK RD/FARNSWORTH AVE.
SECTION 01-00273-00 CH
COUNTY KANE
JOB# R-91-007-03 PROJECT#

STA 121+00 TO STA 134+00
DRAWN CHECKED
SCALE: 1" =50' SHEET NO. 4 OF 6

COMP. FILE: $FILE$
DATE: $DATE$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365/360	01-00273-00-CH	KANE	172	76
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

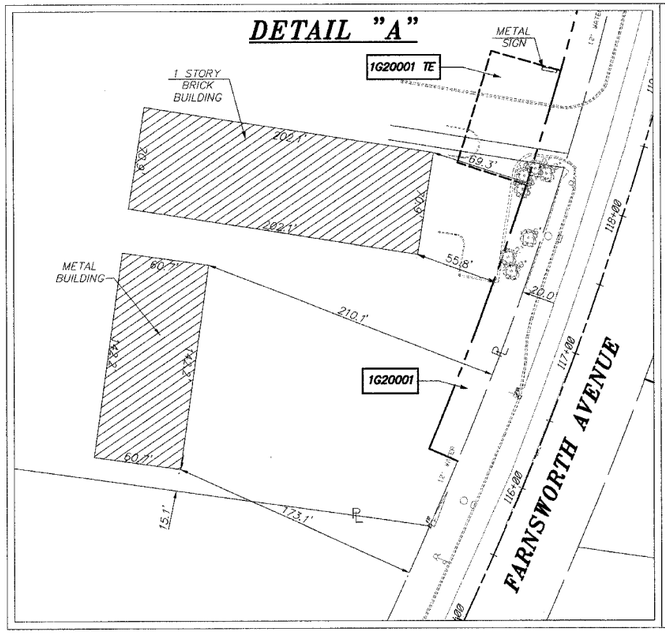
N

GRAPHIC SCALE

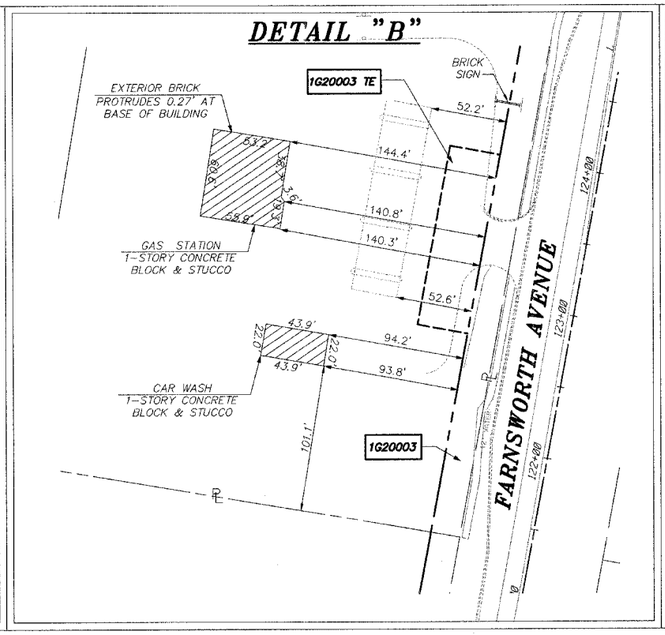
50 0 25 50 100

(IN FEET)

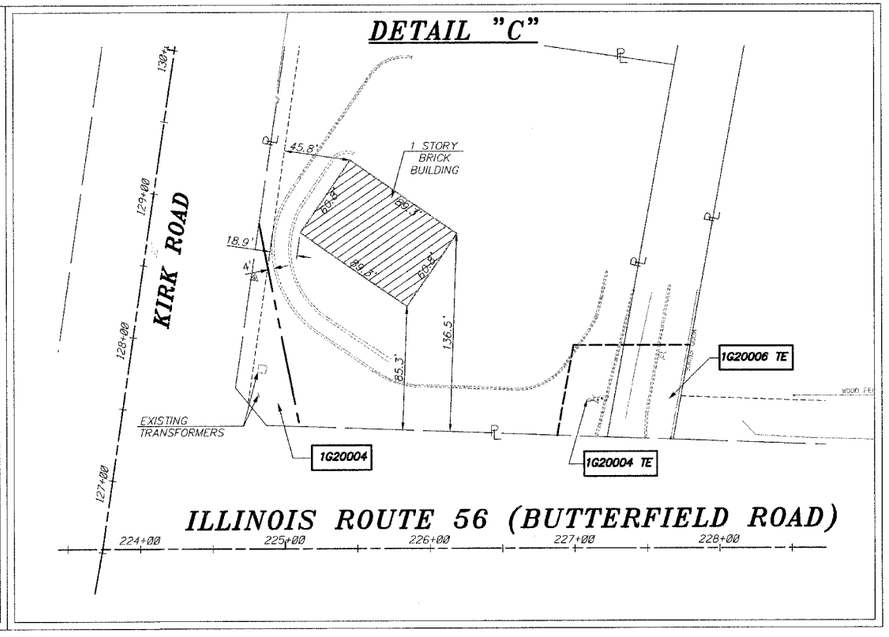
DETAIL "A"



DETAIL "B"



DETAIL "C"



BUILDING DETAILS ILLINOIS ROUTE 56 AT KIRK ROAD/ FARNSWORTH AVENUE

SMITH ENGINEERING CONSULTANTS, INC.
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ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE IL RTE 56 AT KIRK RD/FARNSWORTH AVE.
SECTION 01-00273-00 CH
COUNTY KANE
JOB# R-91-007-03 PROJECT#

DRAWN CHECKED
SCALE: 1" =50' SHEET NO. 5 OF 6

COMP. FILE STYLE$
DATE: 8/11/03

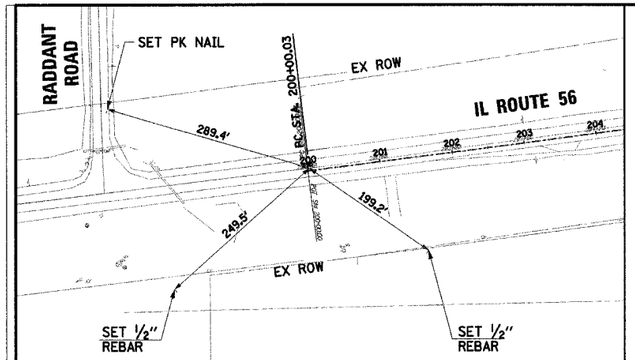
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365/360	01-00273-00-CH	KANE	172	77
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GRAPHIC SCALE

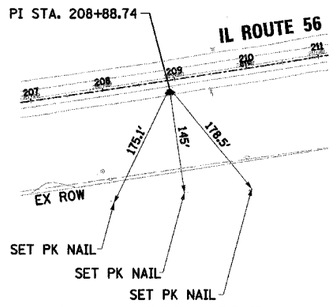
50 0 25 50 100

(IN FEET)

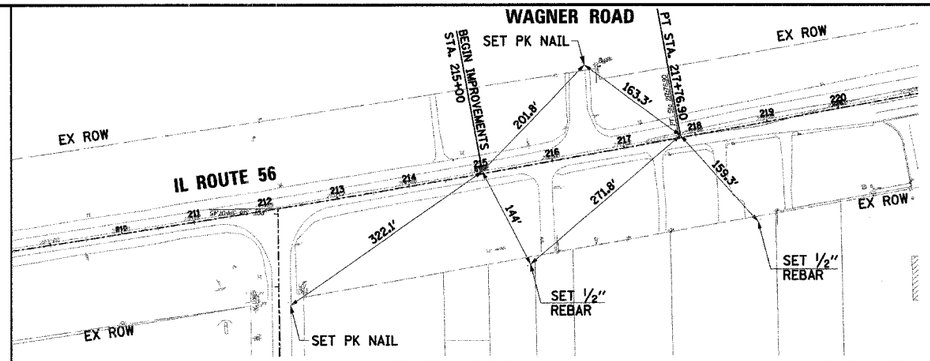
N



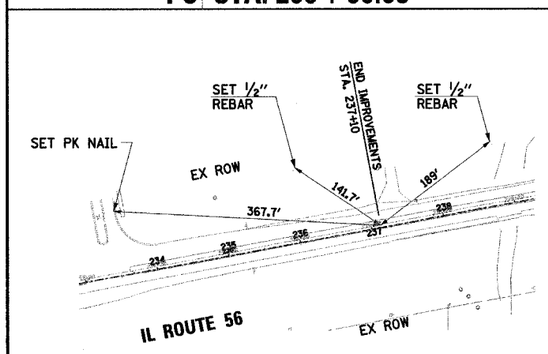
PC STA. 200+00.03



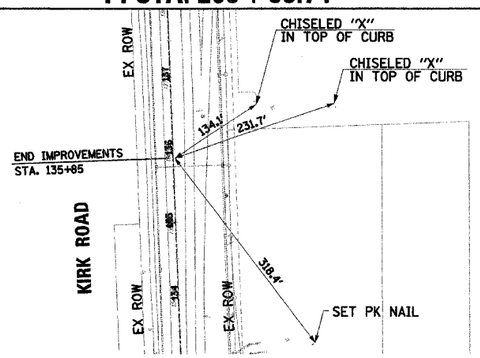
PI STA. 208+88.74



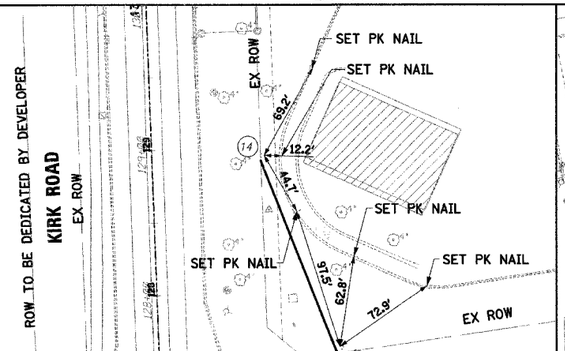
CHURCH ROAD BEGIN STA. 215+00 AND PT STA. 217+76.90



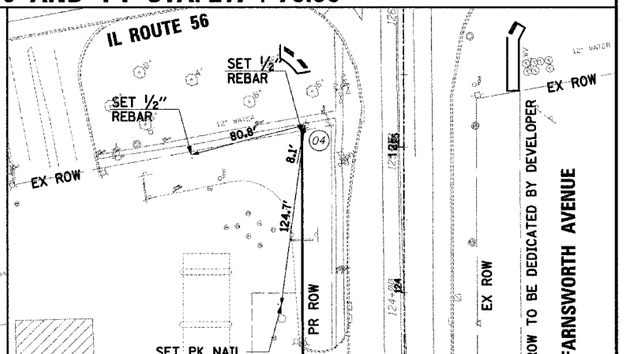
END STA. 237+10



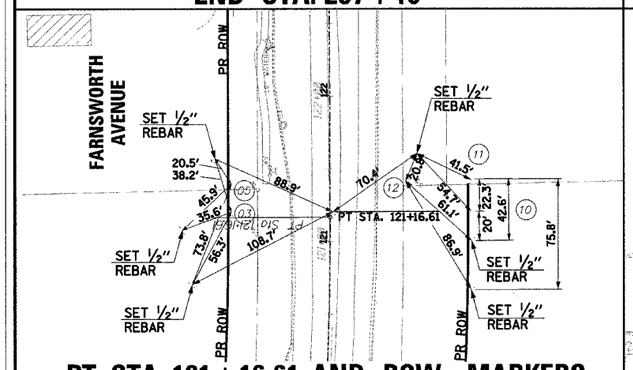
END STA. 135+85



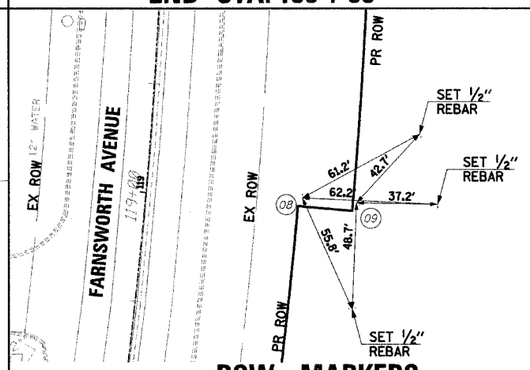
ROW MARKERS



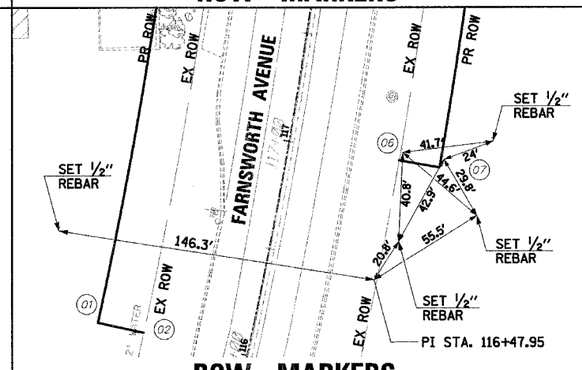
ROW MARKERS



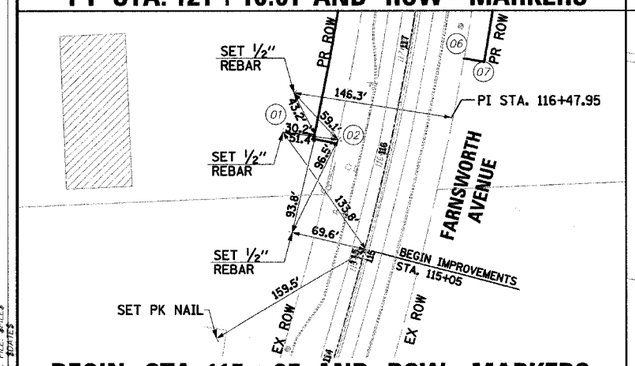
PT STA. 121+16.61 AND ROW MARKERS



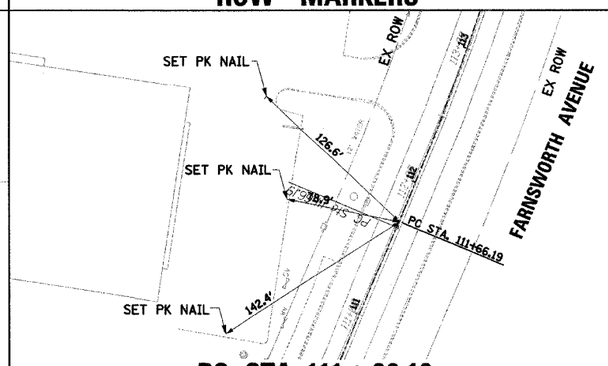
ROW MARKERS



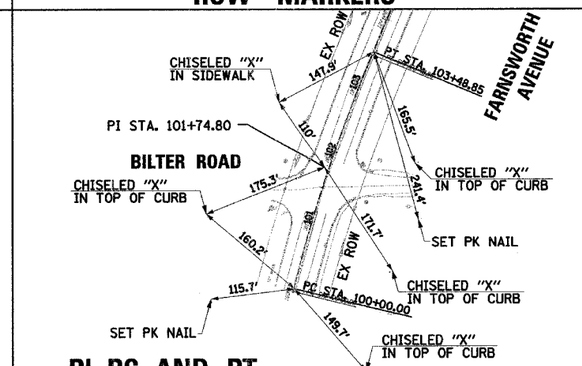
ROW MARKERS



BEGIN STA. 115+05 AND ROW MARKERS



PC STA. 111+66.19



PI ,PC AND PT

NOTE:
ALL PK NAILS ARE SET IN BITUMINOUS PAVEMENT UNLESS OTHERWISE NOTED.

SURVEY TIES

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ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

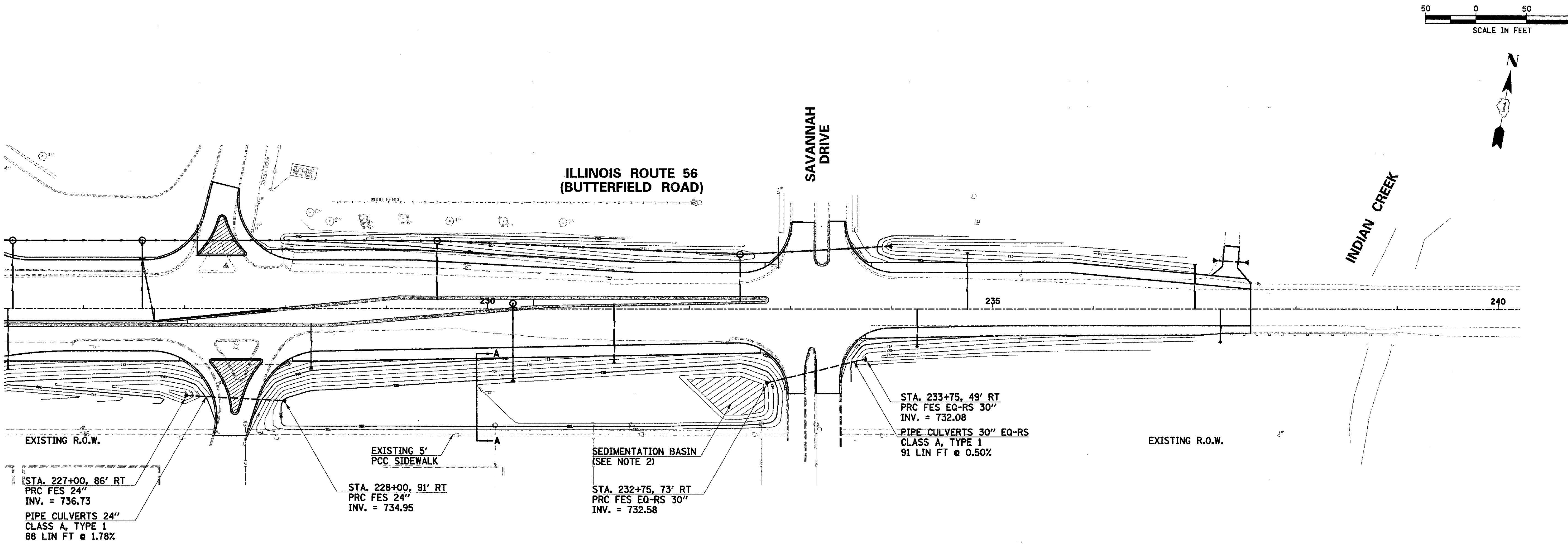
ROUTE IL RTE 56 AT KIRK RD/FARNSWORTH AVE.
SECTION 01-00273-00 CH
COUNTY KANE
JOB# R-91-007-03 PROJECT#

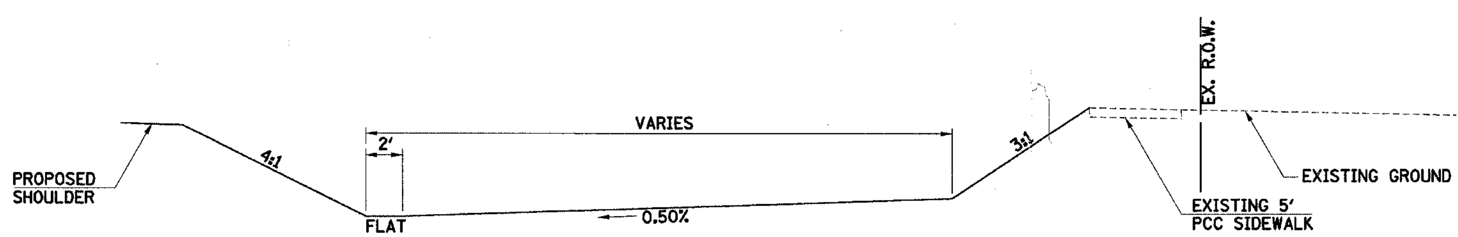
DRAWN CHECKED
SCALE: 1" =50' SHEET NO. 6 OF 6

COMP. FILE: $FILE$
DATE: $DATE$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	78
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906





SECTION A-A

DETENTION AREA: STA. 228+00 RT TO STA. 232+75 RT

NOTES:

1. DETENTION AREA OUTLETS WITHOUT RESTRICTION. NORMAL DITCH SECTION RESUMES AT STA. 233+75 RT.
2. SEDIMENTAION BASIN SHALL BE GRADED 1' BELOW THE PROPOSED DITCH PROFILE BETWEEN STA. 232+00 AND STA. 232+70.

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

GRADING PLAN (DETENTION AREA)

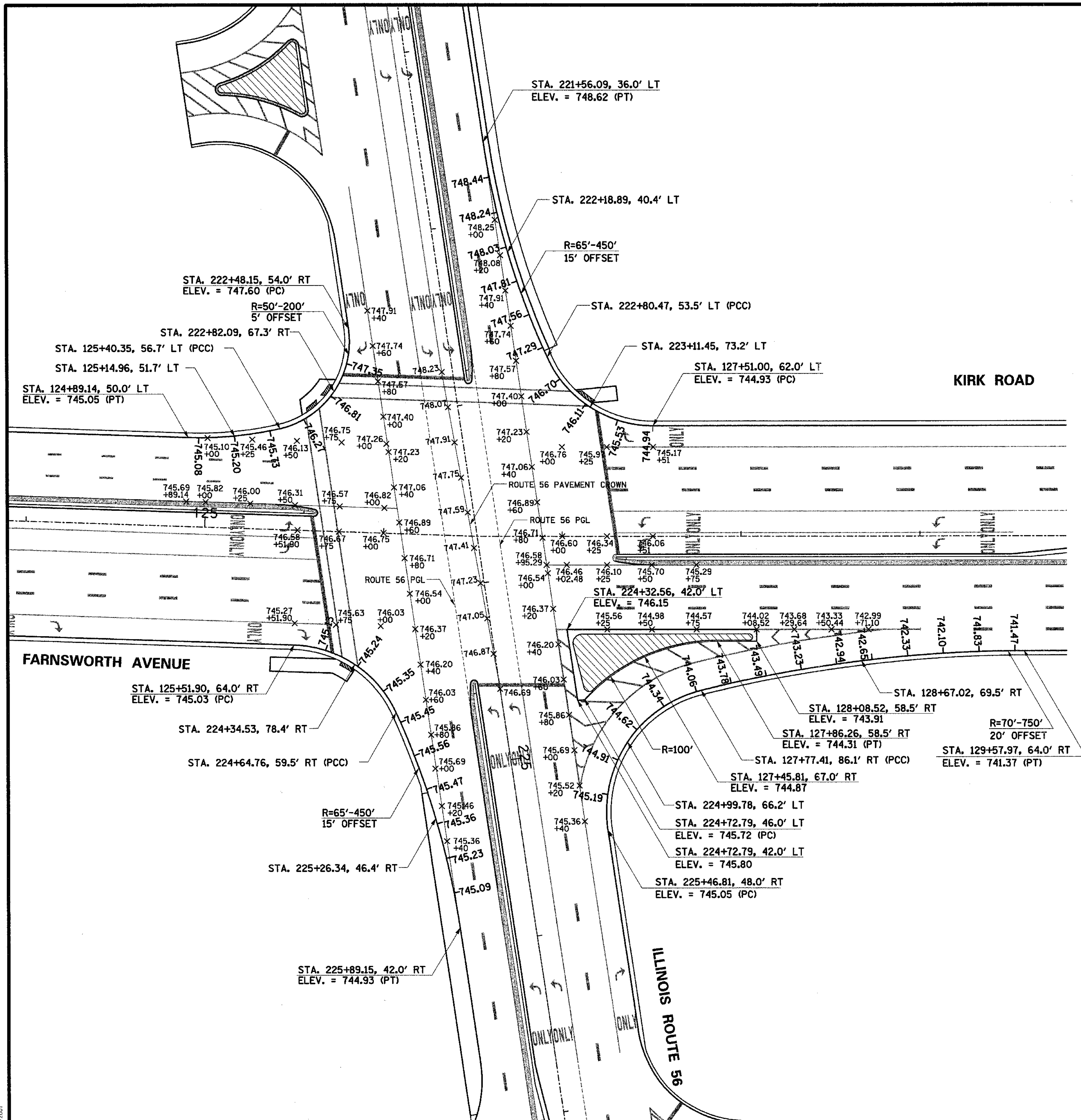
SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

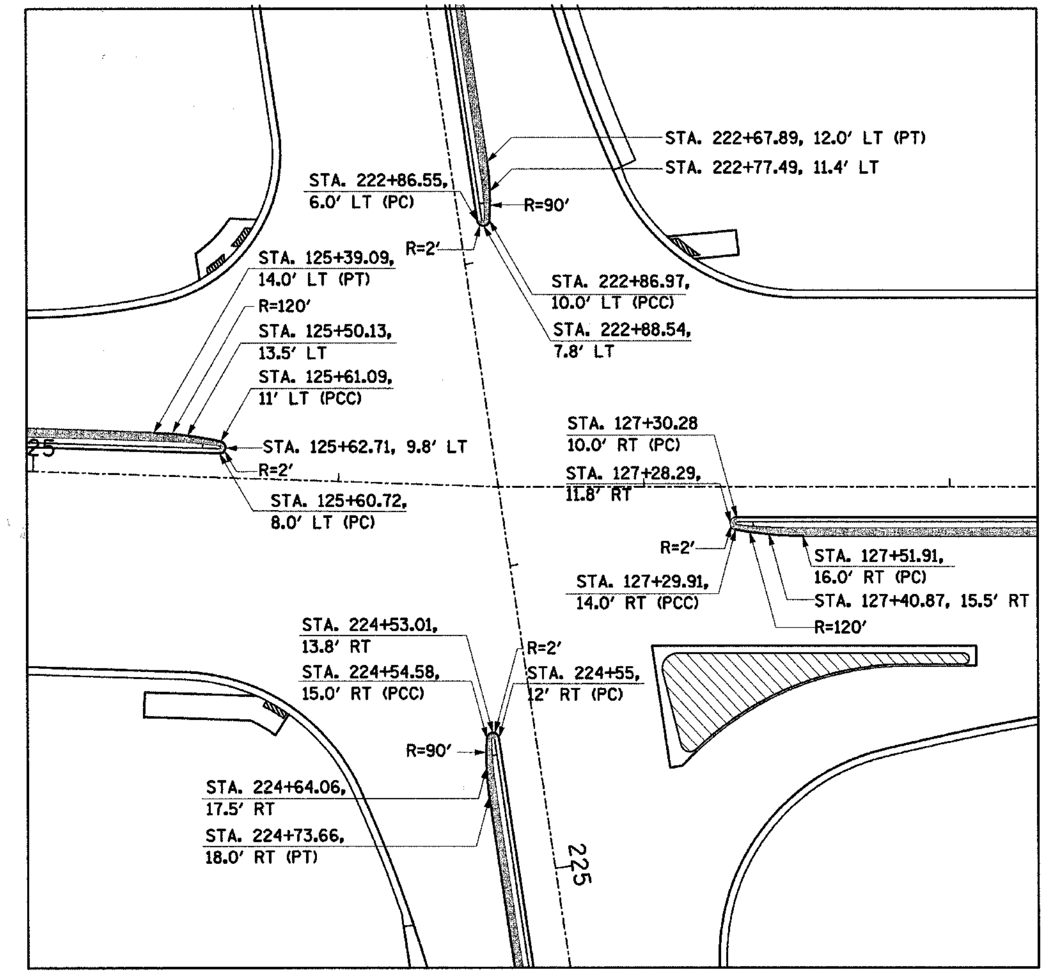
PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATNS CHKD		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	79
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



KIRK ROAD
FARNSWORTH AVENUE
ILLINOIS ROUTE 56
ROUTE 56 PAVEMENT CROWN
ROUTE 56 PGL
STA. 221+56.09, 36.0' LT
ELEV. = 748.62 (PT)
STA. 222+18.89, 40.4' LT
R=65'-450'
15' OFFSET
STA. 222+80.47, 53.5' LT (PCC)
STA. 223+11.45, 73.2' LT
STA. 127+51.00, 62.0' LT
ELEV. = 744.93 (PC)
STA. 222+48.15, 54.0' RT
ELEV. = 747.60 (PC)
R=50'-200'
5' OFFSET
STA. 222+82.09, 67.3' RT
STA. 125+40.35, 56.7' LT (PCC)
STA. 125+14.96, 51.7' LT
STA. 124+89.14, 50.0' LT
ELEV. = 745.05 (PT)
STA. 224+32.56, 42.0' LT
ELEV. = 746.15
STA. 125+51.90, 64.0' RT
ELEV. = 745.03 (PC)
STA. 224+34.53, 78.4' RT
STA. 224+64.76, 59.5' RT (PCC)
R=65'-450'
15' OFFSET
STA. 225+26.34, 46.4' RT
STA. 225+89.15, 42.0' RT
ELEV. = 744.93 (PT)
STA. 128+67.02, 69.5' RT
STA. 128+08.52, 58.5' RT
ELEV. = 743.91
STA. 127+86.26, 58.5' RT
ELEV. = 744.31 (PT)
STA. 127+77.41, 86.1' RT (PCC)
STA. 127+45.81, 67.0' RT
ELEV. = 744.87
R=70'-750'
20' OFFSET
STA. 129+57.97, 64.0' RT
ELEV. = 741.37 (PT)
R=100'
STA. 224+99.78, 66.2' LT
STA. 224+72.79, 46.0' LT
ELEV. = 745.72 (PC)
STA. 224+72.79, 42.0' LT
ELEV. = 745.80
STA. 225+46.81, 48.0' RT
ELEV. = 745.05 (PC)



STA. 222+67.89, 12.0' LT (PT)
STA. 222+77.49, 11.4' LT
STA. 222+86.55,
6.0' LT (PC)
R=90'
R=2'
STA. 125+39.09,
14.0' LT (PT)
R=120'
STA. 125+50.13,
13.5' LT
STA. 125+61.09,
11' LT (PCC)
STA. 125+62.71, 9.8' LT
R=2'
STA. 125+60.72,
8.0' LT (PC)
STA. 222+86.97,
10.0' LT (PCC)
STA. 222+88.54,
7.8' LT
STA. 127+30.28
10.0' RT (PC)
STA. 127+28.29,
11.8' RT
R=2'
STA. 127+29.91,
14.0' RT (PCC)
STA. 127+51.91,
16.0' RT (PC)
STA. 127+40.87, 15.5' RT
R=120'
STA. 224+53.01,
13.8' RT
STA. 224+54.58,
15.0' RT (PCC)
R=2'
STA. 224+55,
12' RT (PC)
R=90'
STA. 224+64.06,
17.5' RT
STA. 224+73.66,
18.0' RT (PT)
225

LEGEND

REVERSE PITCH CURB & GUTTER

CONCRETE MEDIAN SURFACE, 4 INCH

NOTE:
CURB RETURN ELEVATIONS ARE SHOWN AT 20' INCREMENTS BEGINNING AT THE ILLINOIS ROUTE 56 PC.

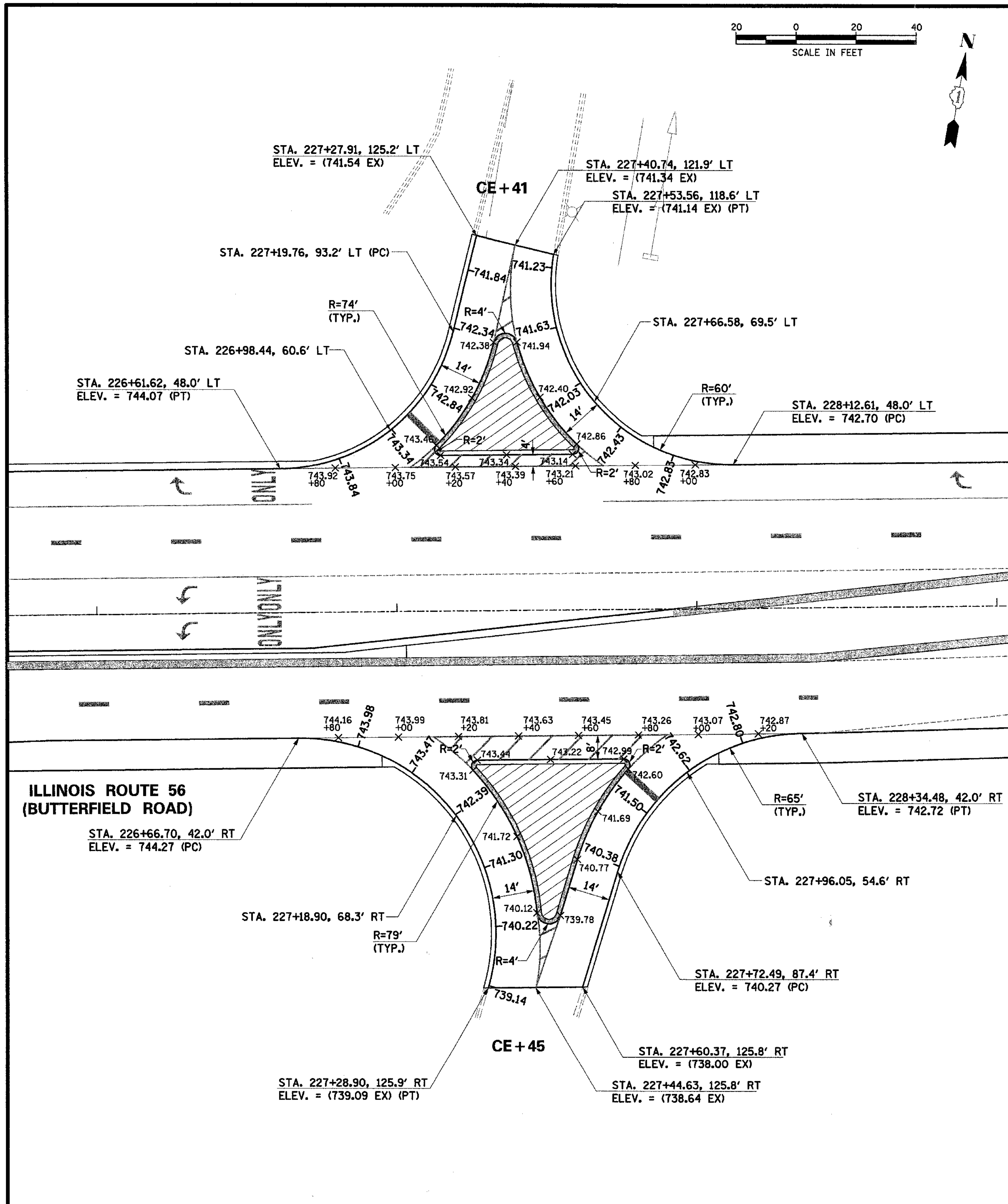
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

INTERSECTION PAVEMENT ELEVATION PLAN

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

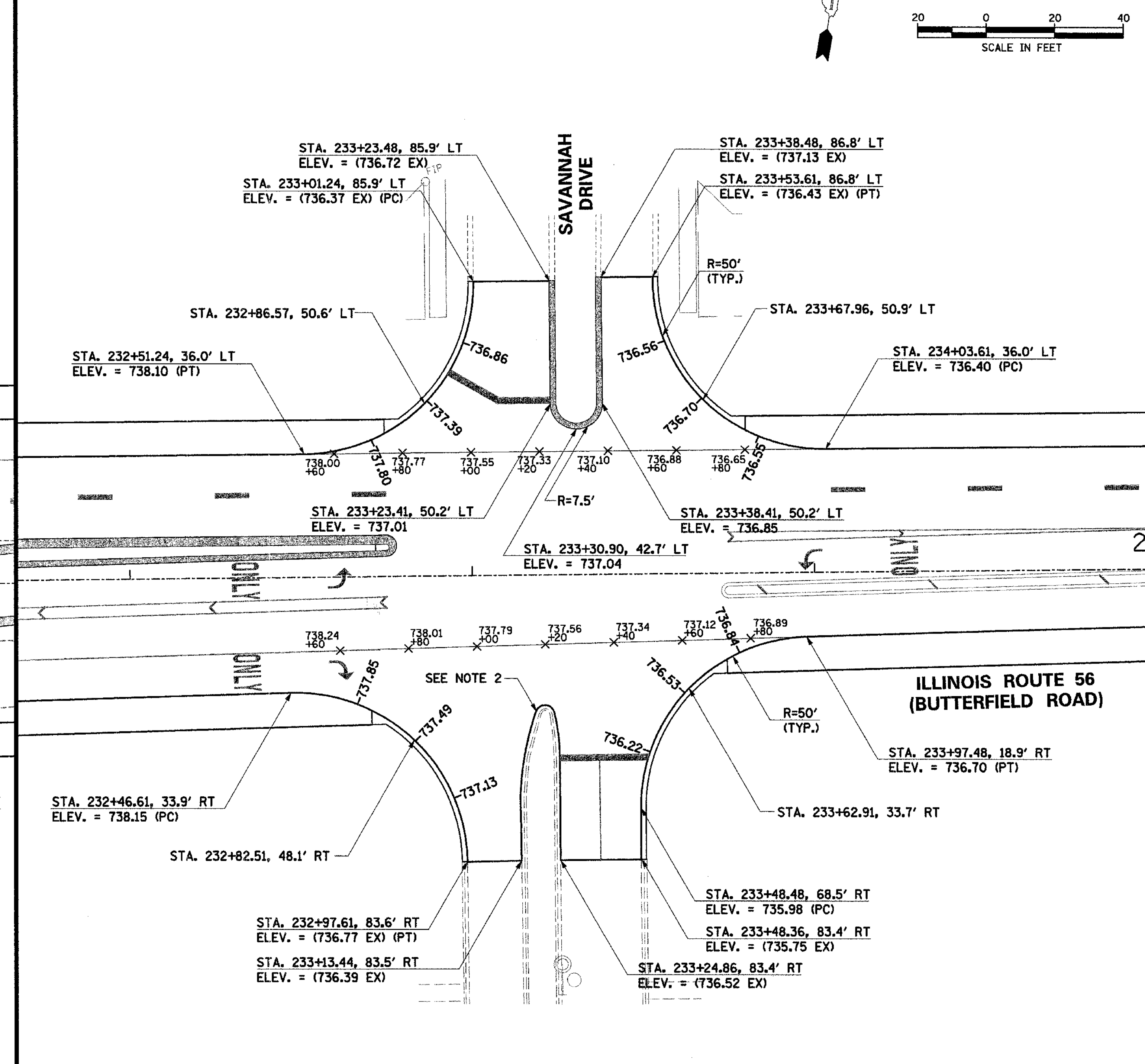
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	80
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



SCALE IN FEET
CE+41
STA. 227+27.91, 125.2' LT
ELEV. = (741.54 EX)
STA. 227+40.74, 121.9' LT
ELEV. = (741.34 EX)
STA. 227+53.56, 118.6' LT
ELEV. = (741.14 EX) (PT)
STA. 227+19.76, 93.2' LT (PC)
R=74' (TYP.)
STA. 226+98.44, 60.6' LT
STA. 226+61.62, 48.0' LT
ELEV. = 744.07 (PT)
STA. 227+66.58, 69.5' LT
R=60' (TYP.)
STA. 228+12.61, 48.0' LT
ELEV. = 742.70 (PC)
ILLINOIS ROUTE 56
(BUTTERFIELD ROAD)
STA. 226+66.70, 42.0' RT
ELEV. = 744.27 (PC)
STA. 227+18.90, 68.3' RT
R=79' (TYP.)
R=65' (TYP.)
STA. 228+34.48, 42.0' RT
ELEV. = 742.72 (PT)
STA. 227+96.05, 54.6' RT
STA. 227+72.49, 87.4' RT
ELEV. = 740.27 (PC)
CE+45
STA. 227+60.37, 125.8' RT
ELEV. = (738.00 EX)
STA. 227+28.90, 125.9' RT
ELEV. = (739.09 EX) (PT)
STA. 227+44.63, 125.8' RT
ELEV. = (738.64 EX)
ONLY

NOTE:
CURB RETURN ELEVATIONS ARE SHOWN AT 20' INCREMENTS BEGINNING AT THE ILLINOIS ROUTE 56 PC.



SCALE IN FEET
SAVANNAH DRIVE
STA. 233+23.48, 85.9' LT
ELEV. = (736.72 EX)
STA. 233+01.24, 85.9' LT
ELEV. = (736.37 EX) (PC)
STA. 233+38.48, 86.8' LT
ELEV. = (737.13 EX)
STA. 233+53.61, 86.8' LT
ELEV. = (736.43 EX) (PT)
R=50' (TYP.)
STA. 232+86.57, 50.6' LT
STA. 233+67.96, 50.9' LT
STA. 232+51.24, 36.0' LT
ELEV. = 738.10 (PT)
STA. 234+03.61, 36.0' LT
ELEV. = 736.40 (PC)
R=7.5'
STA. 233+23.41, 50.2' LT
ELEV. = 737.01
STA. 233+38.41, 50.2' LT
ELEV. = 736.85
STA. 233+30.90, 42.7' LT
ELEV. = 737.04
SEE NOTE 2
ILLINOIS ROUTE 56
(BUTTERFIELD ROAD)
STA. 233+97.48, 18.9' RT
ELEV. = 736.70 (PT)
STA. 232+46.61, 33.9' RT
ELEV. = 738.15 (PC)
STA. 233+62.91, 33.7' RT
STA. 232+82.51, 48.1' RT
STA. 233+48.48, 68.5' RT
ELEV. = 735.98 (PC)
STA. 233+48.36, 83.4' RT
ELEV. = (735.75 EX)
STA. 232+97.61, 83.6' RT
ELEV. = (736.77 EX) (PT)
STA. 233+13.44, 83.5' RT
ELEV. = (736.39 EX)
STA. 233+24.86, 83.4' RT
ELEV. = (736.52 EX)
ONLY

NOTES:
1. CURB RETURN ELEVATIONS ARE SHOWN AT 20' INCREMENTS BEGINNING AT THE ILLINOIS ROUTE 56 PC.
2. MATCH EXISTING EDGE OF CURB ELEVATION ALONG MEDIAN.

LEGEND

- REVERSE PITCH CURB & GUTTER
- CONCRETE MEDIAN SURFACE, 4 INCH

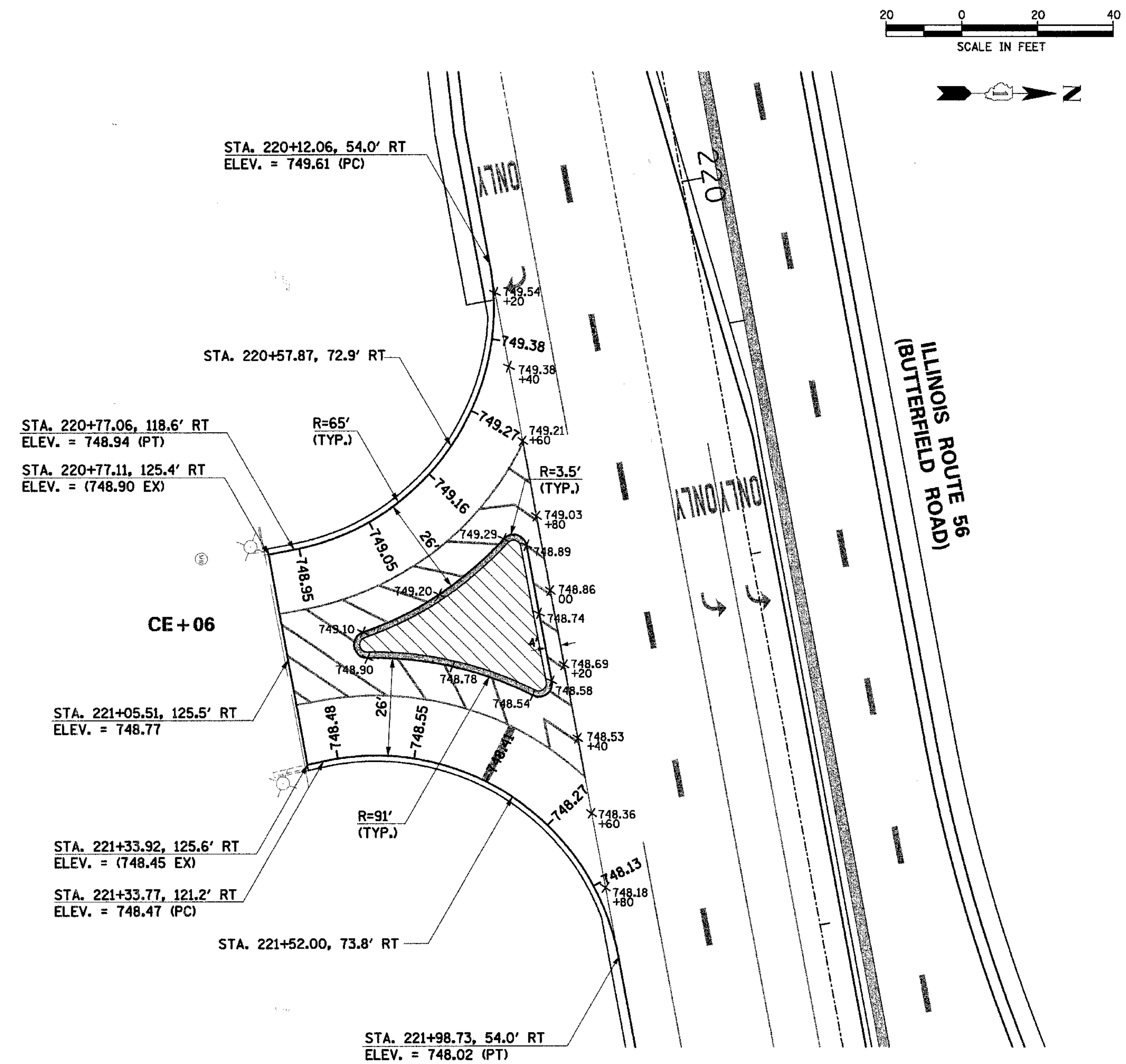
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

INTERSECTION PAVEMENT ELEVATION PLAN

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	81
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



NOTE:
CURB RETURN ELEVATIONS ARE SHOWN AT 20' INCREMENTS BEGINNING AT THE ILLINOIS ROUTE 56 PC.

LEGEND

REVERSE PITCH CURB & GUTTER

CONCRETE MEDIAN SURFACE, 4 INCH

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

INTERSECTION PAVEMENT ELEVATION PLAN

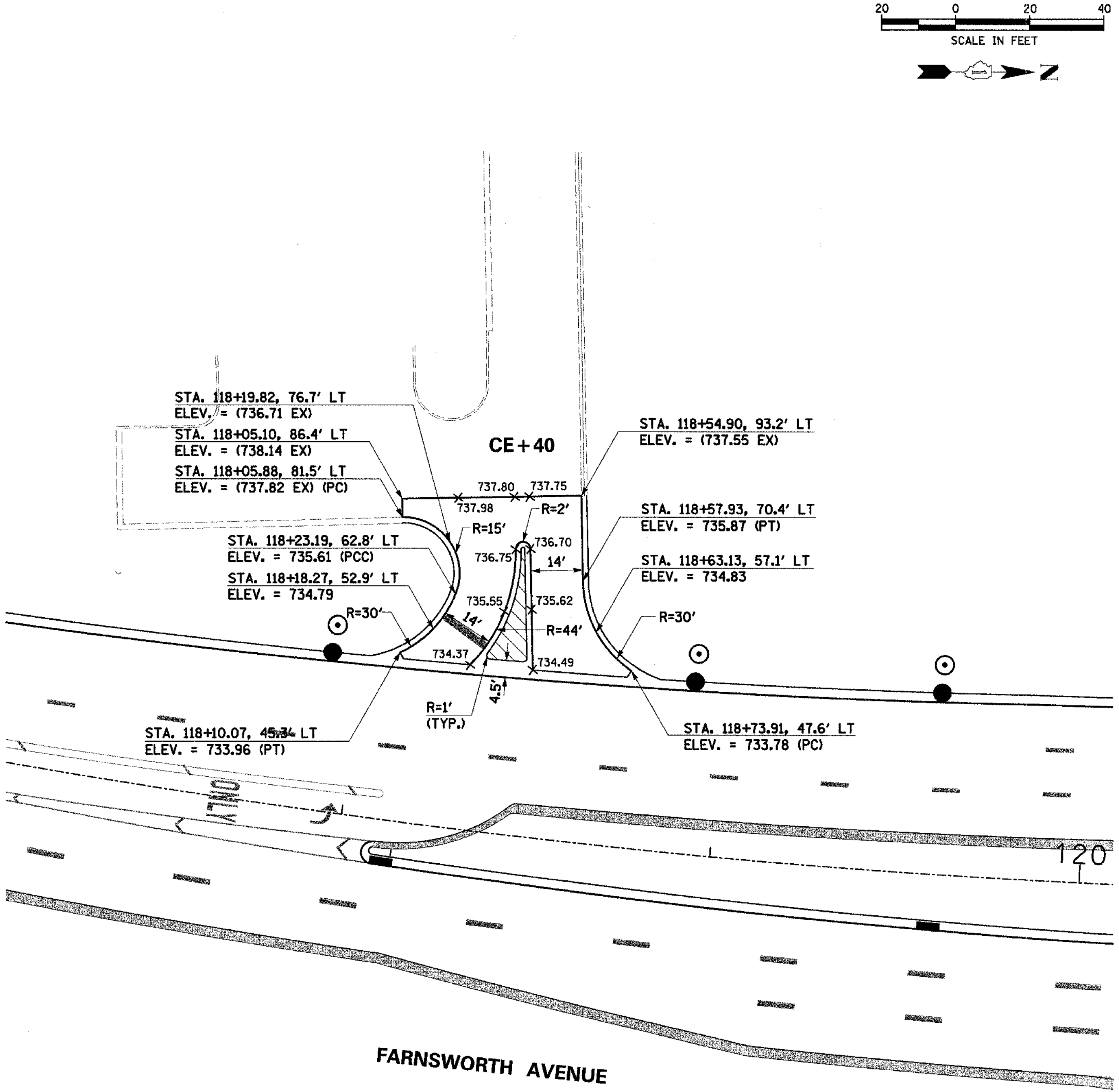
SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

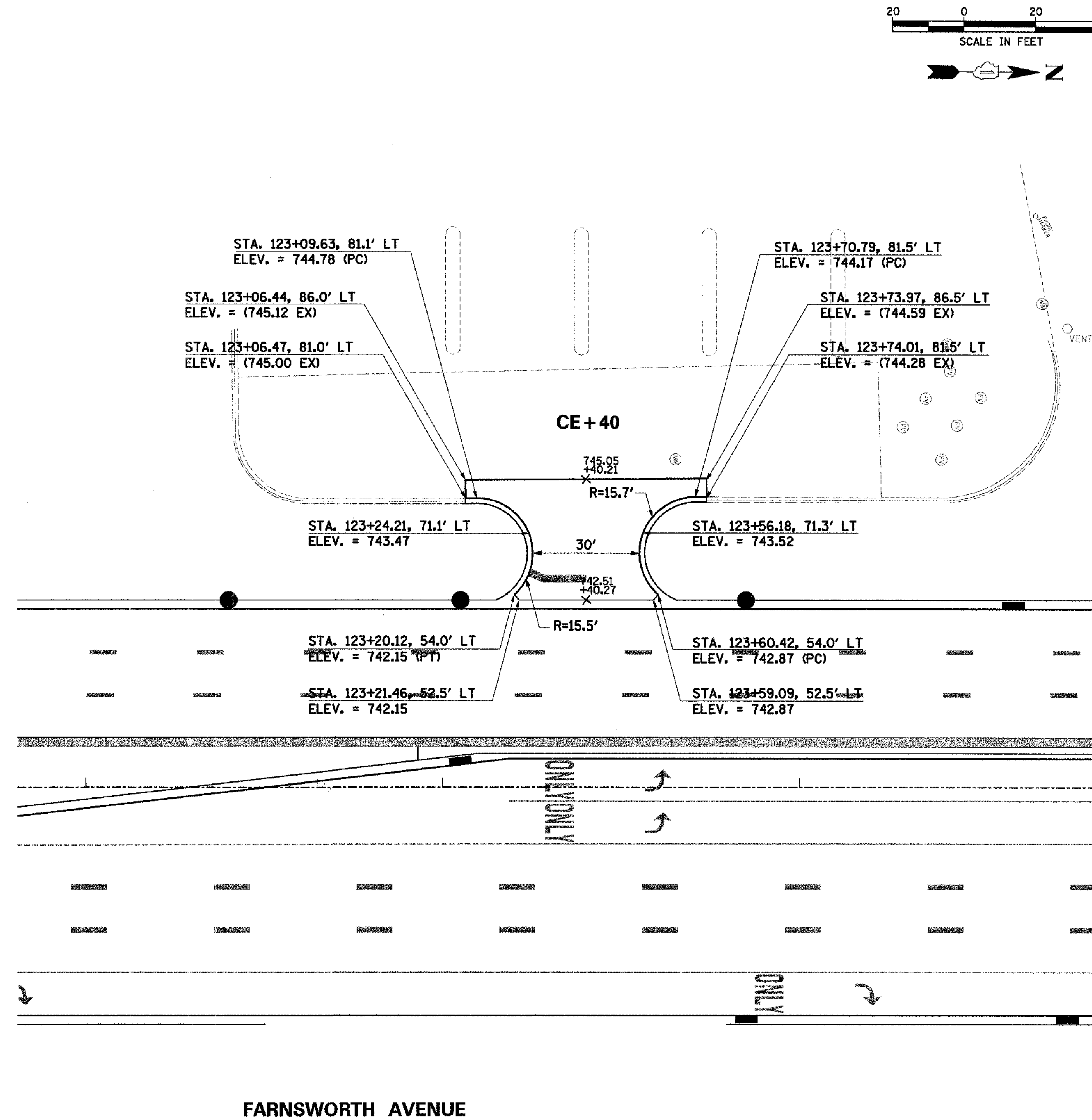
PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	82
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906





LEGEND

REVERSE PITCH CURB & GUTTER

CONCRETE MEDIAN SURFACE, 4 INCH

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

INTERSECTION PAVEMENT ELEVATION PLAN

SCALE: VERT. HORIZ.

DATE APR 06 2007

DRAWN BY BAH

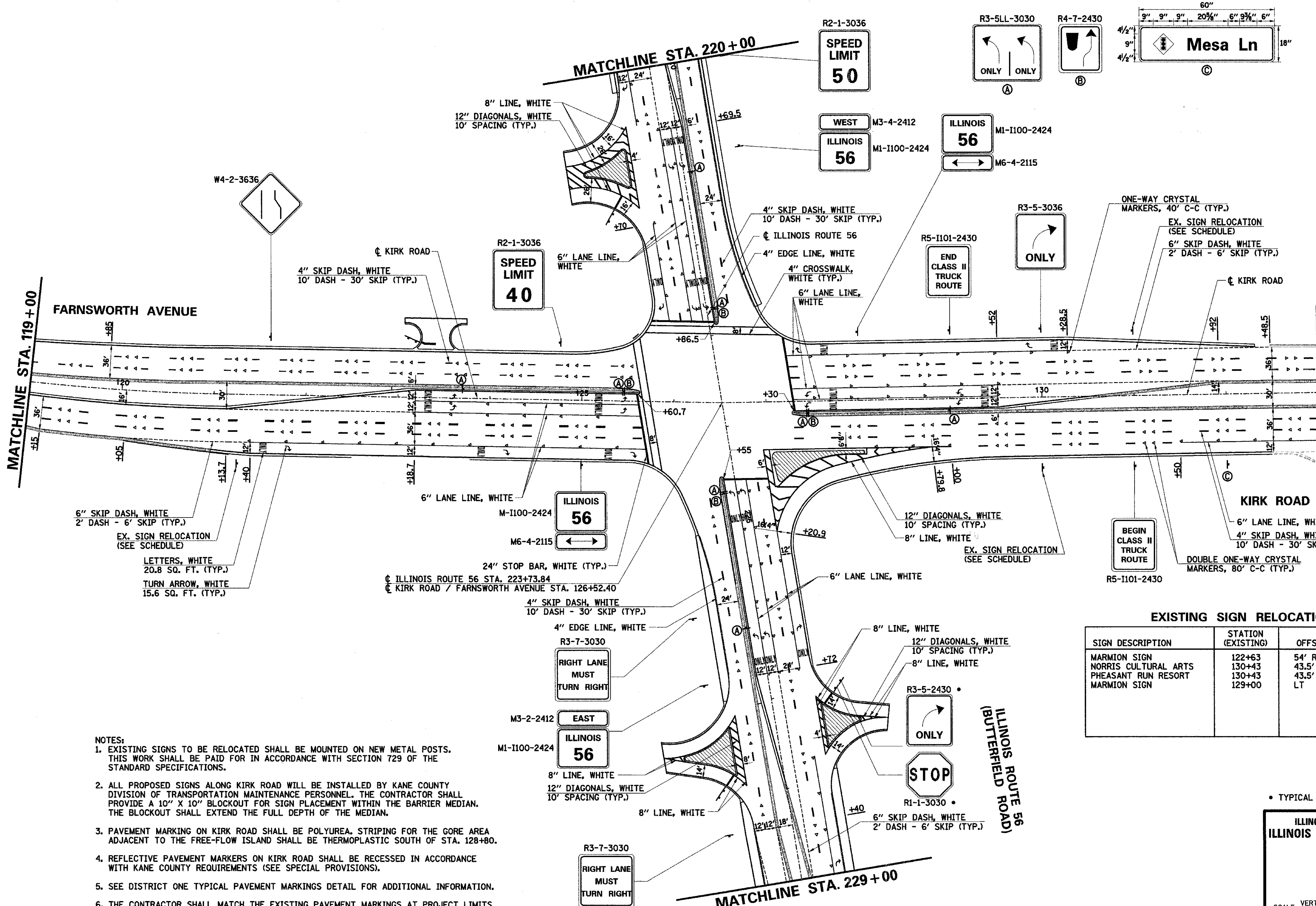
CHECKED BY APS

PLAN — NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD — BY — DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	83
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



MATCHLINE STA. 220+00
MATCHLINE STA. 119+00
MATCHLINE STA. 133+00
MATCHLINE STA. 229+00
FARNSWORTH AVENUE
KIRK ROAD
ILLINOIS ROUTE 56 (BUTTERFIELD ROAD)
R2-1-3036
SPEED LIMIT 50
SPEED LIMIT 40
WEST
M3-4-2412
ILLINOIS 56
M1-I100-2424
M6-4-2115
R3-5LL-3030
ONLY ONLY
R4-7-2430
D3-2M-6018 (DESIGN SERIES C)
Mesa Ln
W4-2-3636
R3-5-3036
ONLY
R5-I101-2430
END CLASS II TRUCK ROUTE
BEGIN CLASS II TRUCK ROUTE
M-I100-2424
R3-7-3030
RIGHT LANE MUST TURN RIGHT
M3-2-2412
EAST
R3-5-2430 •
R1-1-3030 •
STOP
8" LINE, WHITE
12" DIAGONALS, WHITE 10' SPACING (TYP.)
4" SKIP DASH, WHITE 10' DASH - 30' SKIP (TYP.)
℄ ILLINOIS ROUTE 56
4" EDGE LINE, WHITE
4" CROSSWALK, WHITE (TYP.)
6" LANE LINE, WHITE
℄ KIRK ROAD
ONE-WAY CRYSTAL MARKERS, 40' C-C (TYP.)
EX. SIGN RELOCATION (SEE SCHEDULE)
6" SKIP DASH, WHITE 2' DASH - 6' SKIP (TYP.)
LETTERS, WHITE 20.8 SQ. FT. (TYP.)
TURN ARROW, WHITE 15.6 SQ. FT. (TYP.)
24" STOP BAR, WHITE (TYP.)
℄ ILLINOIS ROUTE 56 STA. 223+73.84
℄ KIRK ROAD / FARNSWORTH AVENUE STA. 126+52.40
DOUBLE ONE-WAY CRYSTAL MARKERS, 80' C-C (TYP.)
SCALE IN FEET

NOTES:

1. EXISTING SIGNS TO BE RELOCATED SHALL BE MOUNTED ON NEW METAL POSTS. THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.
2. ALL PROPOSED SIGNS ALONG KIRK ROAD WILL BE INSTALLED BY KANE COUNTY DIVISION OF TRANSPORTATION MAINTENANCE PERSONNEL. THE CONTRACTOR SHALL PROVIDE A 10" X 10" BLOCKOUT FOR SIGN PLACEMENT WITHIN THE BARRIER MEDIAN. THE BLOCKOUT SHALL EXTEND THE FULL DEPTH OF THE MEDIAN.
3. PAVEMENT MARKING ON KIRK ROAD SHALL BE POLYUREA. STRIPING FOR THE GORE AREA ADJACENT TO THE FREE-FLOW ISLAND SHALL BE THERMOPLASTIC SOUTH OF STA. 128+80.
4. REFLECTIVE PAVEMENT MARKERS ON KIRK ROAD SHALL BE RECESSED IN ACCORDANCE WITH KANE COUNTY REQUIREMENTS (SEE SPECIAL PROVISIONS).
5. SEE DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL FOR ADDITIONAL INFORMATION.
6. THE CONTRACTOR SHALL MATCH THE EXISTING PAVEMENT MARKINGS AT PROJECT LIMITS AS NECESSARY.

EXISTING SIGN RELOCATION SCHEDULE

SIGN DESCRIPTION	STATION (EXISTING)	OFFSET	STATION (PROPOSED)	OFFSET
MARMION SIGN	122+63	54' RT	121+25	75.0' RT
NORRIS CULTURAL ARTS	130+43	43.5' RT	130+00	76.5' RT
PHEASANT RUN RESORT	130+43	43.5' RT	130+00	76.5' RT
MARMION SIGN	129+00	LT	131+00	70.5' LT

• TYPICAL FOR RIGHT-IN AND RIGHT-OUT ENTRANCE.

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

PAVEMENT MARKING AND SIGNING PLAN

SCALE: VERT. HORIZ.

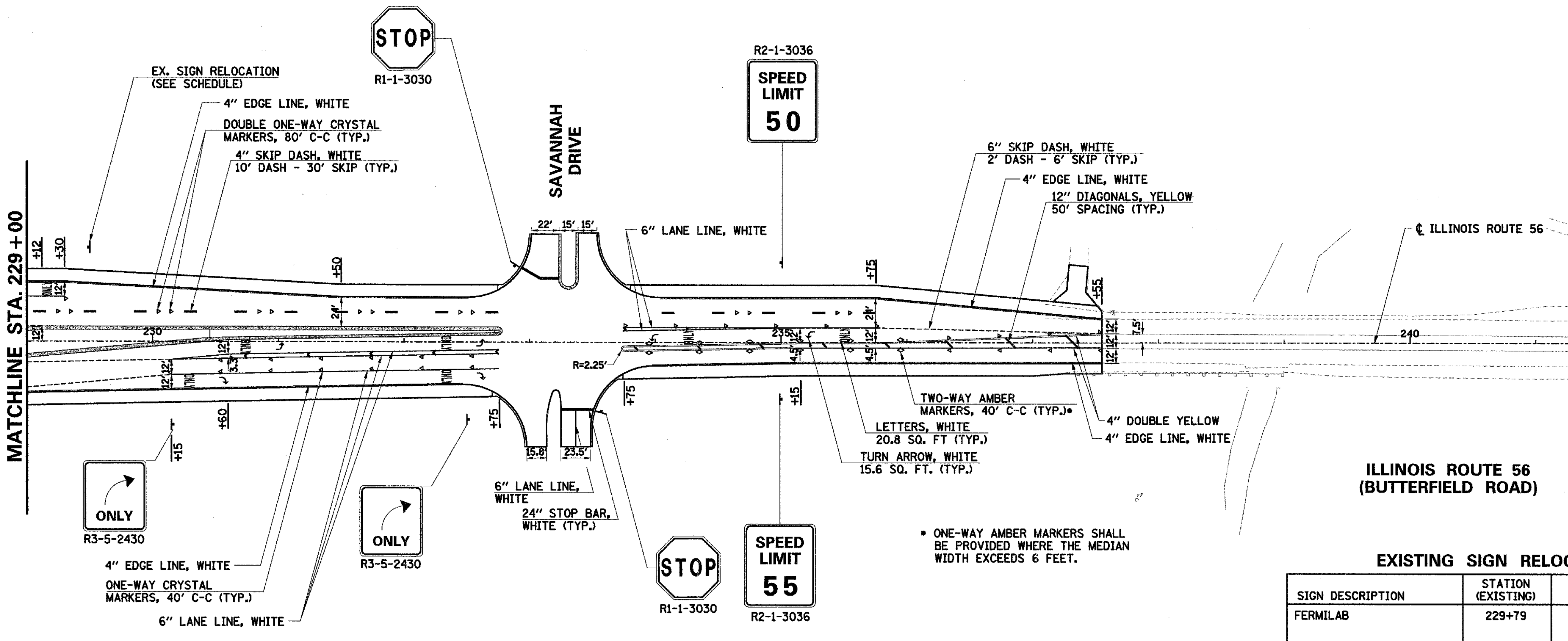
DATE APR 06 2007

DRAWN BY BAH

CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	84
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

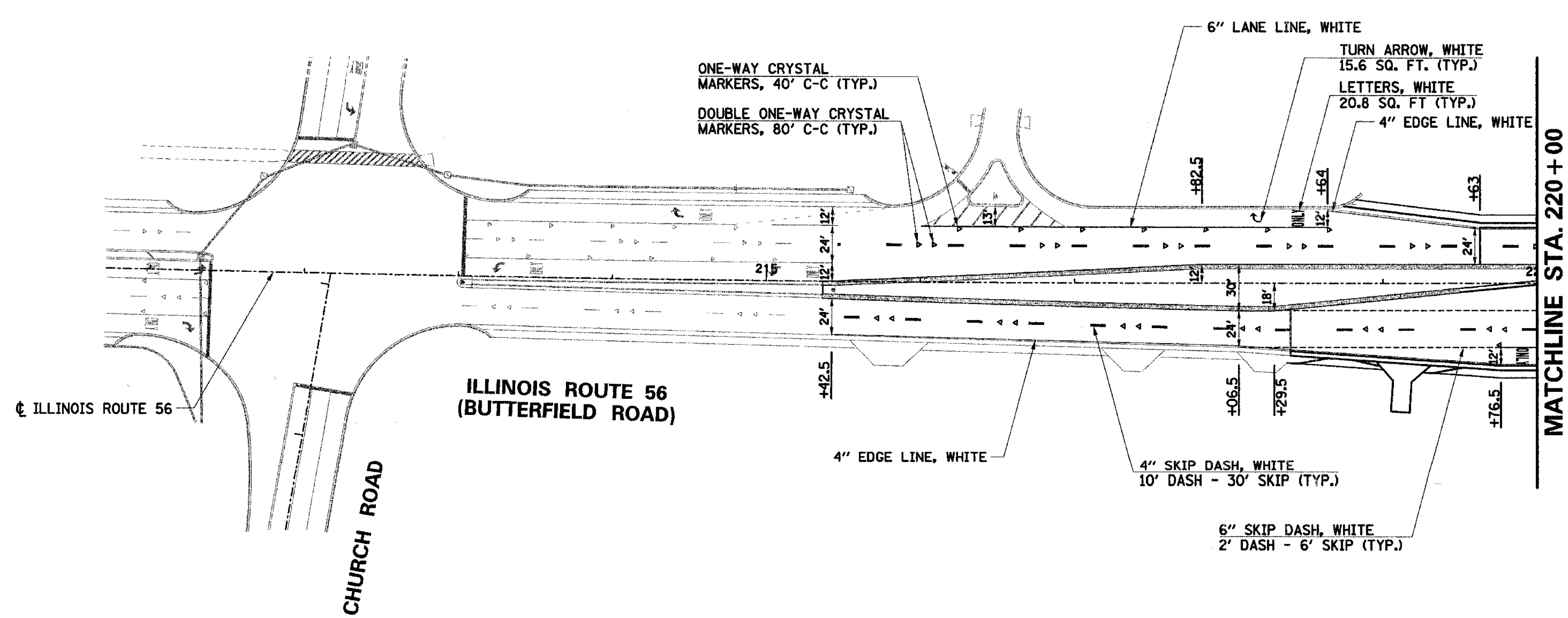


• ONE-WAY AMBER MARKERS SHALL BE PROVIDED WHERE THE MEDIAN WIDTH EXCEEDS 6 FEET.

EXISTING SIGN RELOCATION SCHEDULE

SIGN DESCRIPTION	STATION (EXISTING)	OFFSET	STATION (PROPOSED)	OFFSET
FERMILAB	229+79	41' LT	229+50	75' LT

NOTES:
1. EXISTING SIGNS TO BE RELOCATED SHALL BE MOUNTED ON NEW METAL POSTS. THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.
2. SEE DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL FOR ADDITIONAL INFORMATION.
3. THE CONTRACTOR SHALL MATCH THE EXISTING PAVEMENT MARKINGS AT PROJECT LIMITS AS NECESSARY.



ILLINOIS DEPARTMENT OF TRANSPORTATION

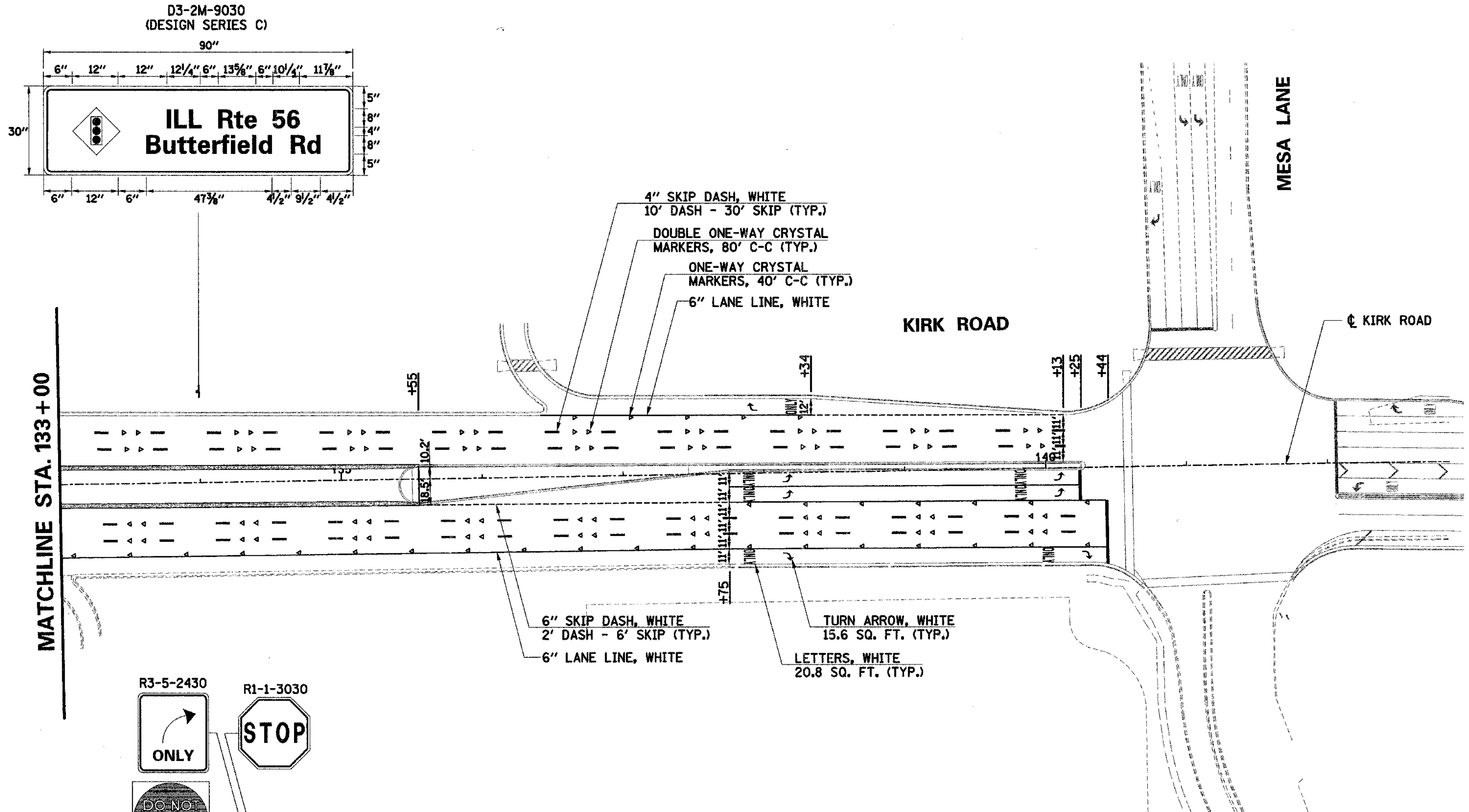
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

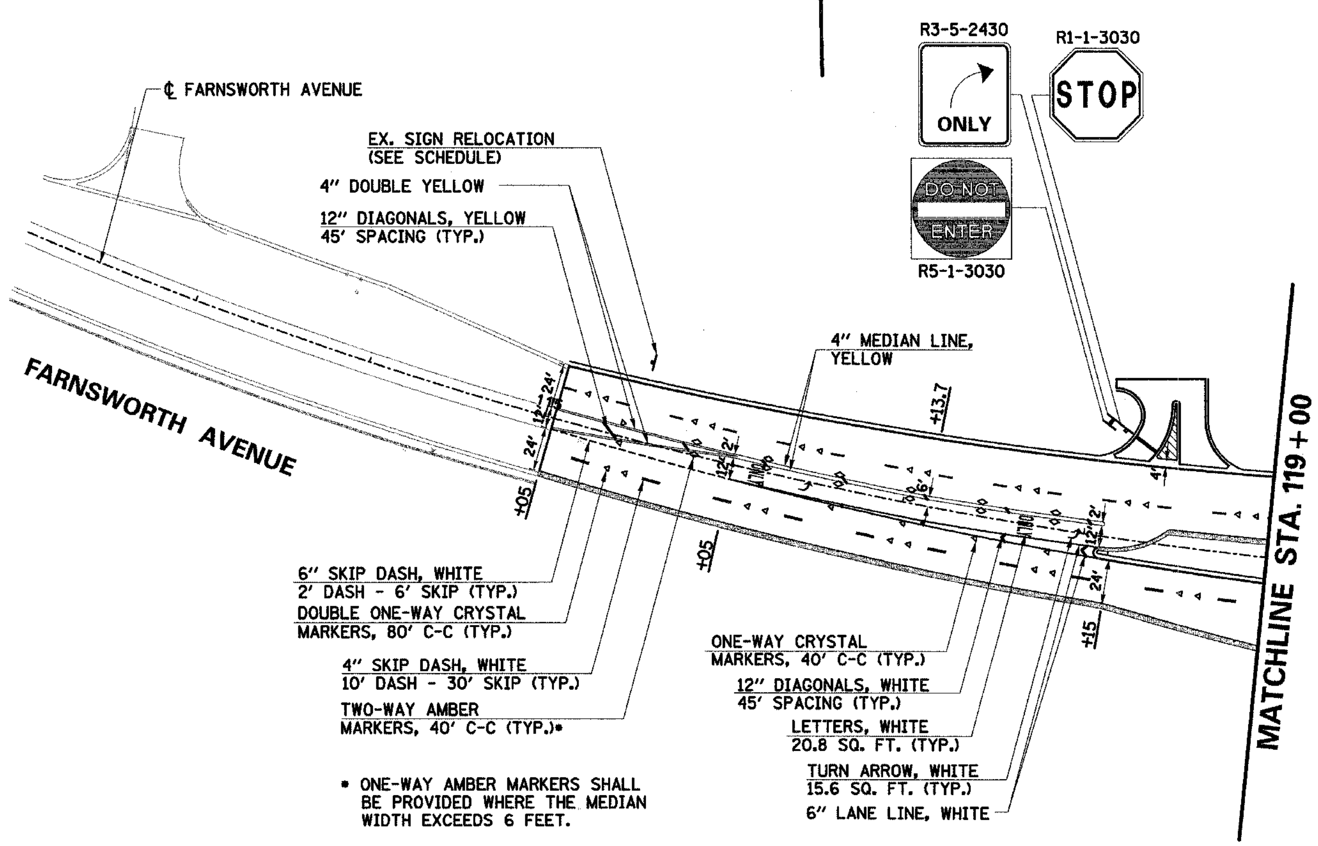
PAVEMENT MARKING AND SIGNING PLAN

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	85
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906





* ONE-WAY AMBER MARKERS SHALL BE PROVIDED WHERE THE MEDIAN WIDTH EXCEEDS 6 FEET.

EXISTING SIGN RELOCATION SCHEDULE

SIGN DESCRIPTION	STATION (EXISTING)	OFFSET	STATION (PROPOSED)	OFFSET
TREE CITY USA	115+31	29' LT	115+50	44' LT
AURORA CRIME STOPPERS	116+57	28.5' LT	115+50	44' LT

NOTES:

1. EXISTING SIGNS TO BE RELOCATED SHALL BE MOUNTED ON NEW METAL POSTS. THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.
2. ALL PROPOSED SIGNS ALONG KIRK ROAD WILL BE INSTALLED BY KANE COUNTY DIVISION OF TRANSPORTATION MAINTENANCE PERSONNEL. THE CONTRACTOR SHALL PROVIDE A 10" X 10" BLOCKOUT FOR SIGN PLACEMENT WITHIN THE BARRIER MEDIAN. THE BLOCKOUT SHALL EXTEND THE FULL DEPTH OF THE MEDIAN.
3. PAVEMENT MARKING ON KIRK ROAD SHALL BE POLYUREA. STRIPING FOR THE GORE AREA ADJACENT TO THE FREE-FLOW ISLAND SHALL BE THERMOPLASTIC SOUTH OF STA. 128+80.
4. REFLECTIVE PAVEMENT MARKERS ON KIRK ROAD SHALL BE RECESSED IN ACCORDANCE WITH KANE COUNTY REQUIREMENTS (SEE SPECIAL PROVISIONS).
5. SEE DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL FOR ADDITIONAL INFORMATION.
6. THE CONTRACTOR SHALL MATCH THE EXISTING PAVEMENT MARKINGS AT PROJECT LIMITS AS NECESSARY.

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

PAVEMENT MARKING AND SIGNING PLAN

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN | NOTE BOOK | NO. | SURVEYED | PLOTTED | ALIGNMENT CHECKED | R.T. OF WAY CHECKED | CADD FILE NAME | BY | DATE

PROFILE | NOTE BOOK | NO. | SURVEYED | PLOTTED | GRADES CHECKED | B.M. NOTED | STRUCTURE NOTATIONS CHKD | BY | DATE

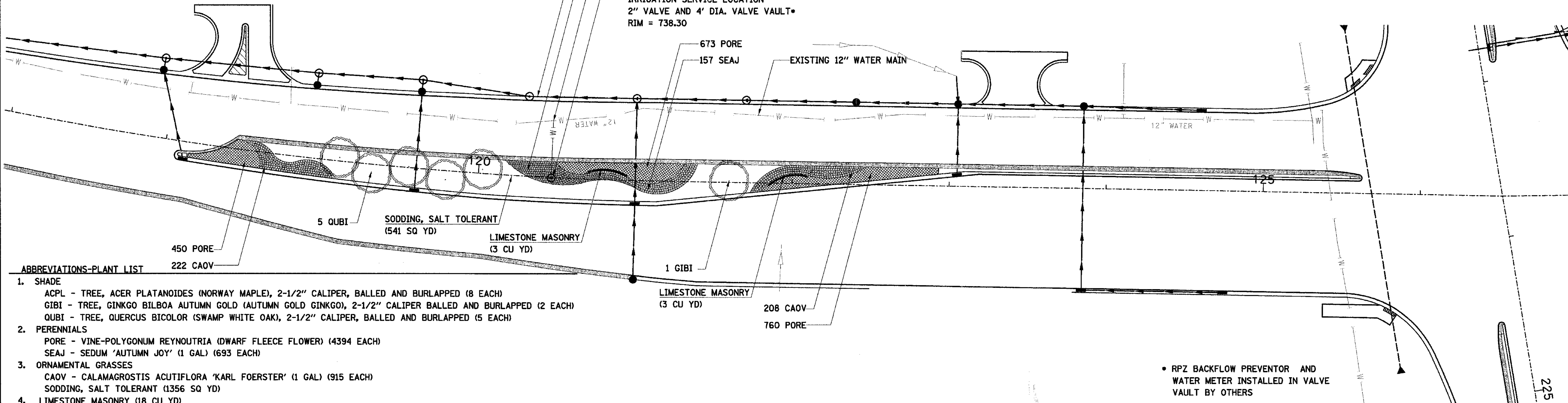
4/7/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	86
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

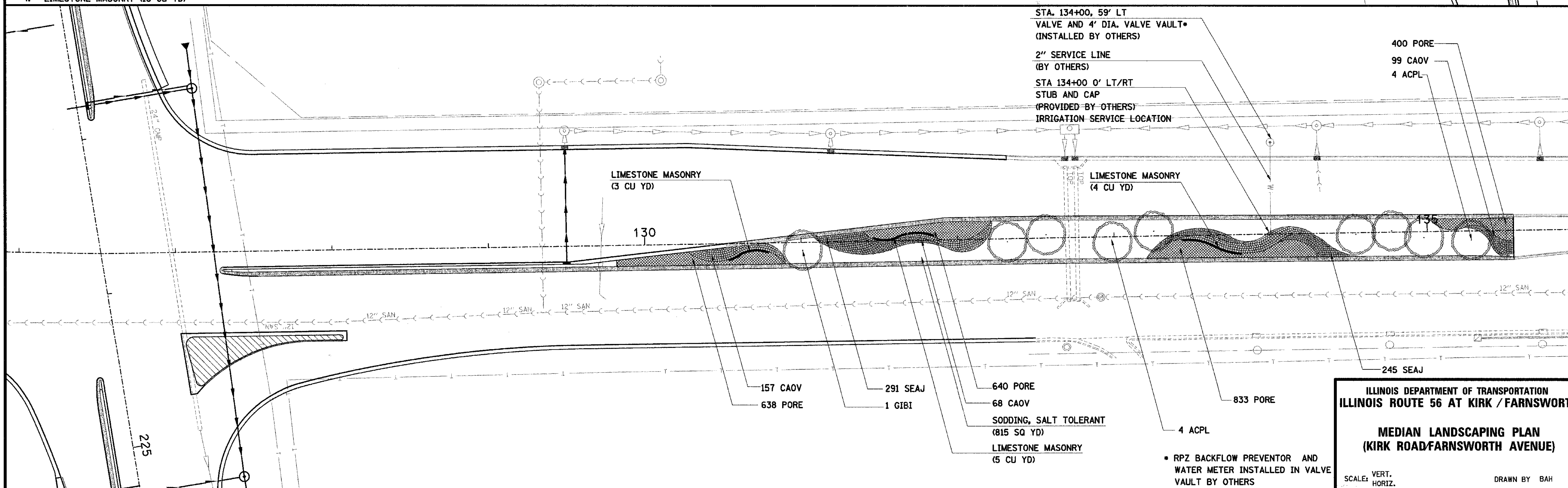
NOTE:
ALL DESIGNATED SOD AREAS SHALL BE IRRIGATED. THE CONTRACTOR SHALL PROVIDE ALL DESIGN DETAILS, CALCULATIONS, PLANS, SHOP DRAWINGS, AND ALL LABOR, MATERIAL, EQUIPMENT AND SERVICES NECESSARY FOR CONSTRUCTION OF THE LANDSCAPE IRRIGATION SYSTEM (SEE SPECIAL PROVISIONS).

THE CONTRACTOR SHALL PROVIDE IRRIGATION SYSTEM DESIGN DETAILS, CALCULATIONS, PLANS, AND SHOP DRAWINGS TO THE CITY OF AURORA FOR REVIEW PRIOR TO INSTALLATION.



ABBREVIATIONS-PLANT LIST

1. SHADE
   - ACPL - TREE, ACER PLATANOIDES (NORWAY MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED (8 EACH)
   - GIBI - TREE, GINKGO BILBOA AUTUMN GOLD (AUTUMN GOLD GINKGO), 2-1/2" CALIPER BALLED AND BURLAPPED (2 EACH)
   - QUBI - TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED (5 EACH)
2. PERENNIALS
   - PORE - VINE-POLYGONUM REYNOUTRIA (DWARF FLEECE FLOWER) (4394 EACH)
   - SEAJ - SEDUM 'AUTUMN JOY' (1 GAL) (693 EACH)
3. ORNAMENTAL GRASSES
   - CAOV - CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER' (1 GAL) (915 EACH)
   - SODDING, SALT TOLERANT (1356 SQ YD)
4. LIMESTONE MASONRY (18 CU YD)



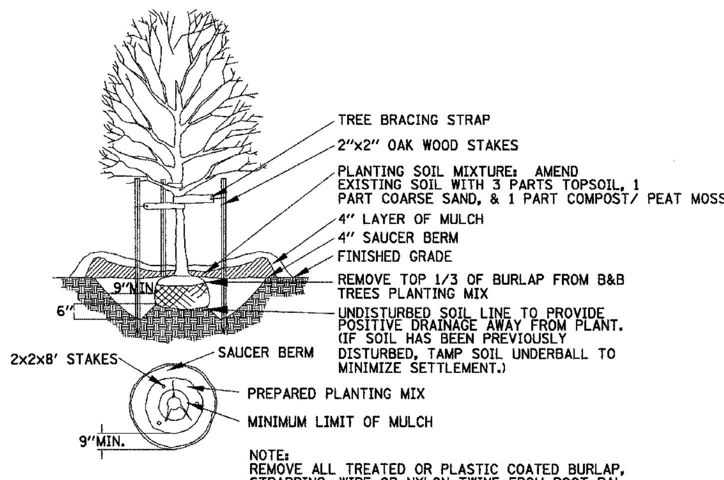
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

MEDIAN LANDSCAPING PLAN (KIRK ROAD/FARNSWORTH AVENUE)

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

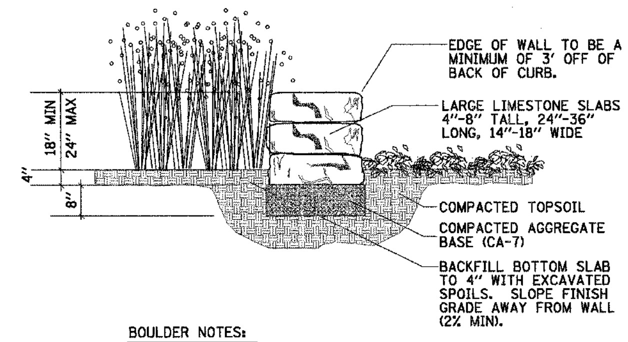
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	87
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



NOTE:
REMOVE ALL TREATED OR PLASTIC COATED BURLAP, STRAPPING, WIRE OR NYLON TWINE FROM ROOT BAL. AFTER SETTING IN HOLE, CUT AWAY TOP AND SIDES OF WIRE BASKET, IF ANY.

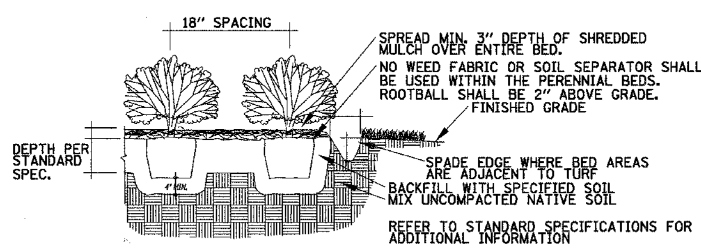
(1) TREE PLANTING DETAIL



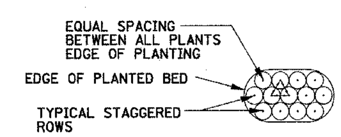
BOULDER NOTES:

1. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A BOULDER SAMPLE, WHICH IS TO BE APPROVED BY THE CITY OF AURORA PRIOR TO INSTALLATION.
2. BOULDERS SHALL BE CLEANED PRIOR TO INSTALLATION.
3. ALL BOULDERS SHALL BE INTEGRAL IN COMPOSITION WITHOUT GOUGES, NICKS, OR OTHER MANMADE SCARING.

(2) LIMESTONE MASONRY



(3) SHRUB BED PLANTING DETAIL



(4) TYPICAL PLANTING BED PLAN

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
NO.	R.O.W. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
NO.	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

MEDIAN LANDSCAPING PLAN DETAILS (KIRK ROAD/FARNSWORTH AVENUE)

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

4/7/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	88
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

TRAFFIC SIGNAL SCHEDULE

PAY ITEM DESCRIPTION	UNIT	TOTAL	ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH	INTERCONNECT
SIGN PANEL, TYPE 1	SQ FT	70	70	
SIGN PANEL, TYPE 2	SQ FT	30	30	
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1776	975	801
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	118	118	
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	63	63	
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	177	177	
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	20	20	
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	473	427	46
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	756	756	
HANDHOLE	EACH	5	5	
HEAVY-DUTY HANDHOLE	EACH	4	4	
DOUBLE HANDHOLE	EACH	3	3	
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2067	1266	801
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	1	
TRANSCEIVER - FIBER OPTIC	EACH	1	1	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	698	698	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2307	2307	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4878	4878	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2087	2087	
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	8521	8521	
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	33	33	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1	1	
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1	1	
STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1	1	
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1	1	
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1	1	
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1	1	
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	2	2	
CONCRETE FOUNDATION, TYPE A	FOOT	4	4	
CONCRETE FOUNDATION, TYPE C	FOOT	4	4	
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	13.5	13.5	
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	79	79	
DRILL EXISTING HANDHOLE	EACH	1		1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	14	14	
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1	1	
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1	1	
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4	4	
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2	2	
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	1	1	
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	18	18	
INDUCTIVE LOOP DETECTOR	EACH	23	23	
DETECTOR LOOP, TYPE I	FOOT	1551	1551	
LIGHT DETECTOR	EACH	4	4	
LIGHT DETECTOR AMPLIFIER	EACH	1	1	
PEDESTRIAN PUSH-BUTTON	EACH	3	3	
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	
REMOVE EXISTING HANDHOLE	EACH	10	10	
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5	5	
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3209		3209
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1		1
SERVICE INSTALLATION - POLE MOUNTED	EACH	1	1	
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3209		3209
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1434	1434	
ELECTRIC CABLE IN CONDUIT, NO. 20 3C TWISTED SHIELD	FOOT	1327	1327	
UNINTERRUPTABLE POWER SUPPLY	EACH	1	1	
SIGNAL HEAD, LED, 3-FACE, 1-3 SECTION, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1	1	
TEMPORARY TRAFFIC SIGNAL TIMINGS	EACH	1	1	

NOTES:
1. THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.
2. FIBER OPTIC AND TRACER CABLES FOR THE INTERCONNECT TO BILTER ROAD WERE PROVIDED BY THE CITY OF AURORA AS PART OF AN ADJACENT ROADWAY IMPROVEMENT.

PLAN | NOTE BOOK | NO. | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | BY | DATE

PROFILE | NOTE BOOK | NO. | SURVEYED | PLOTTED | GRADES CHECKED | B.M. NOTED | STRUCTURE NOTATIONS CHKD | BY | DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

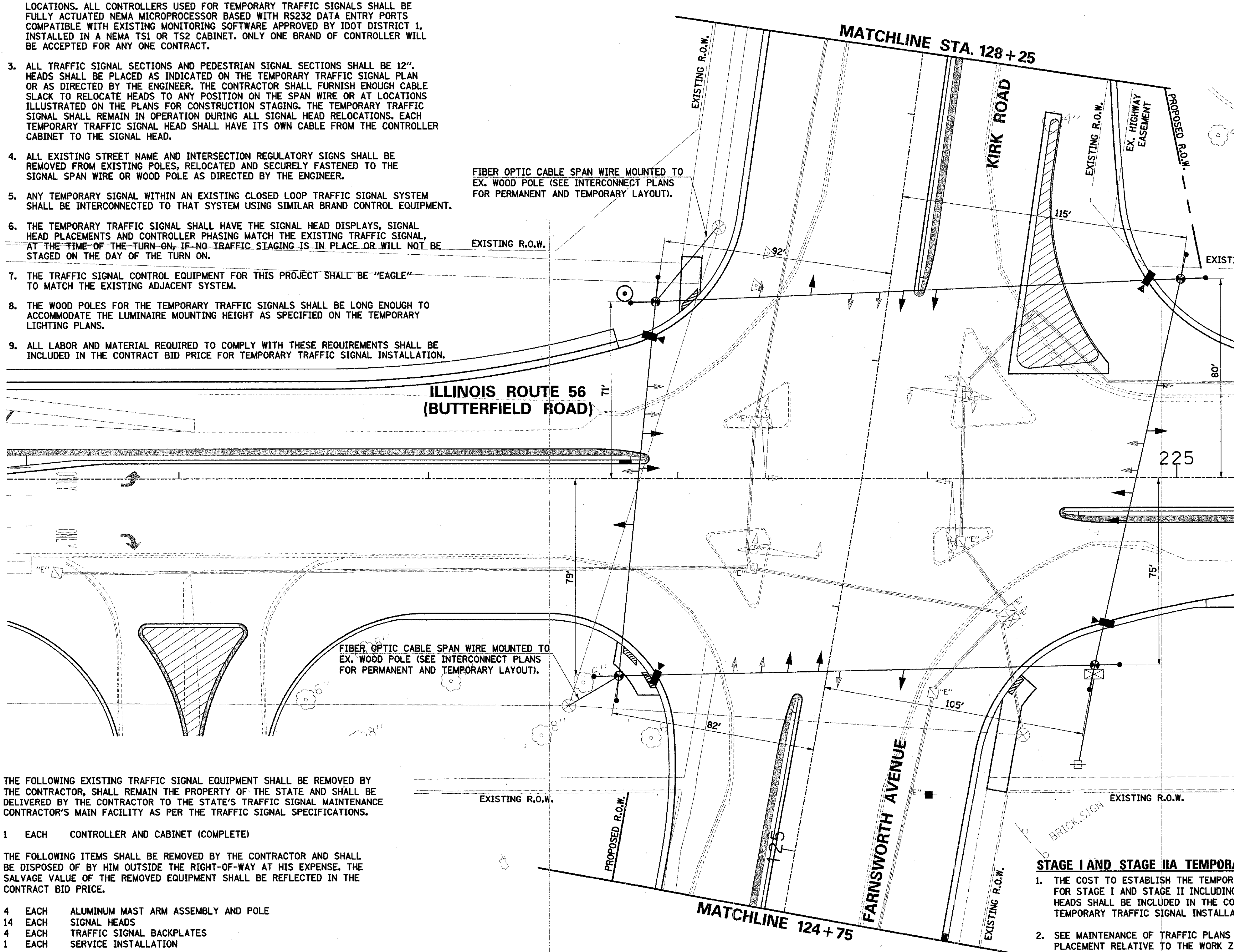
SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	89
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

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, 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 TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.
8. THE WOOD POLES FOR THE TEMPORARY TRAFFIC SIGNALS SHALL BE LONG ENOUGH TO ACCOMMODATE THE LUMINAIRE MOUNTING HEIGHT AS SPECIFIED ON THE TEMPORARY LIGHTING PLANS.
9. ALL LABOR AND MATERIAL REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.



THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

1 EACH CONTROLLER AND CABINET (COMPLETE)

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

4 EACH ALUMINUM MAST ARM ASSEMBLY AND POLE
14 EACH SIGNAL HEADS
4 EACH TRAFFIC SIGNAL BACKPLATES
1 EACH SERVICE INSTALLATION

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
- VIDEO DETECTION CAMERA
- PEDESTRIAN PUSHBUTTON DETECTOR
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- UD UNIT DUCT
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- HANDHOLE
- HEAVY DUTY HANDHOLE
- CT COMMON TRENCH

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 PUSHBUTTON TO BE REMOVED
- 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

STAGE I AND STAGE IIA TEMPORARY TRAFFIC SIGNAL NOTES

1. THE COST TO ESTABLISH THE TEMPORARY TRAFFIC SIGNAL INSTALLATION FOR STAGE I AND STAGE II INCLUDING THE RELOCATION OF ALL SIGNAL HEADS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
2. SEE MAINTENANCE OF TRAFFIC PLANS FOR TEMPORARY SIGNAL HEAD PLACEMENT RELATIVE TO THE WORK ZONE PAVEMENT MARKING.

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGES I AND IIA

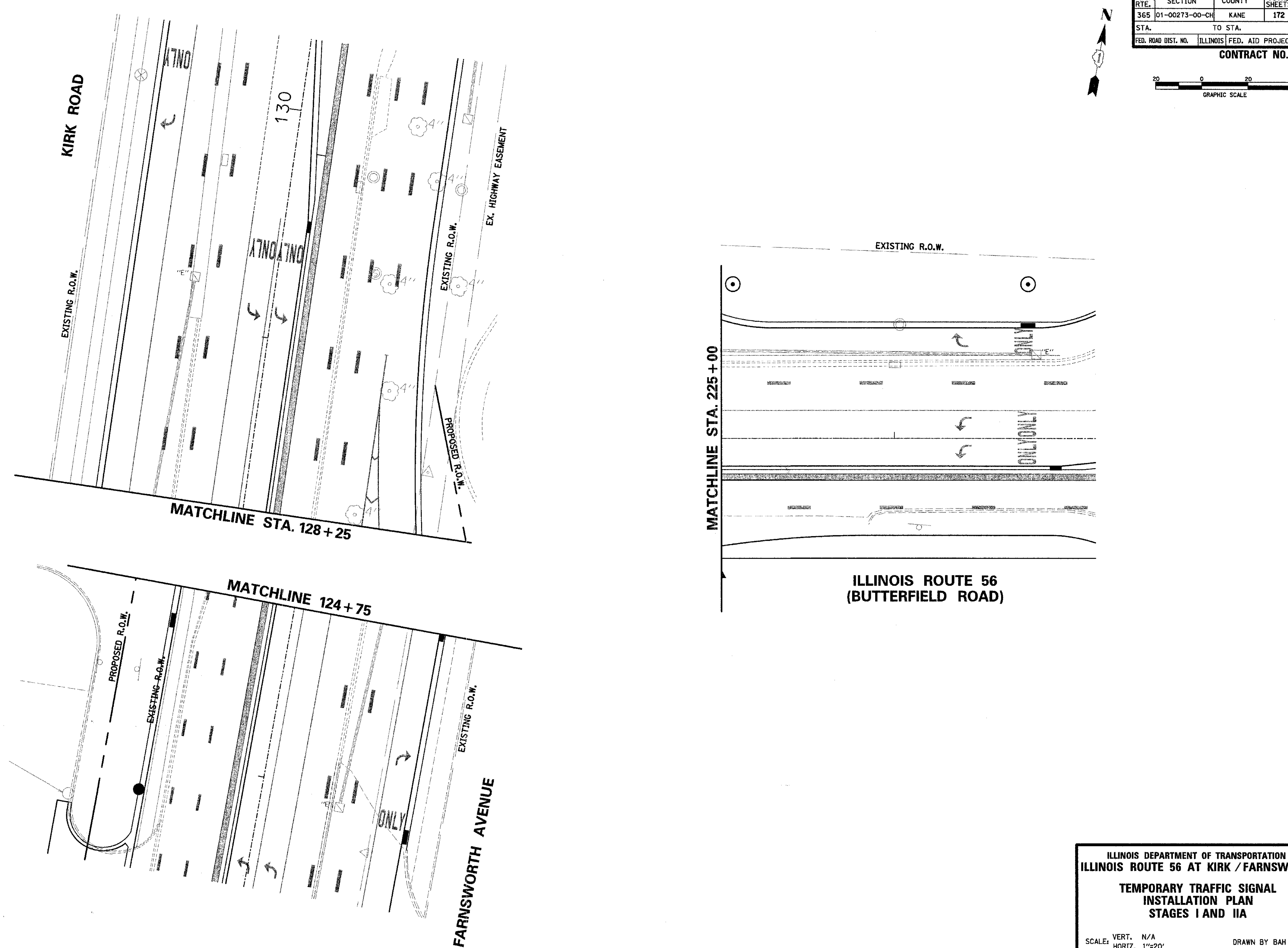
SCALE: VERT. N/A HORIZ. 1"=20'
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHK'D / NOTE BOOK / NO. / BY / DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	90
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGES I AND IIA

SCALE: VERT. N/A HORIZ. 1"=20'

DATE APR 06 2007

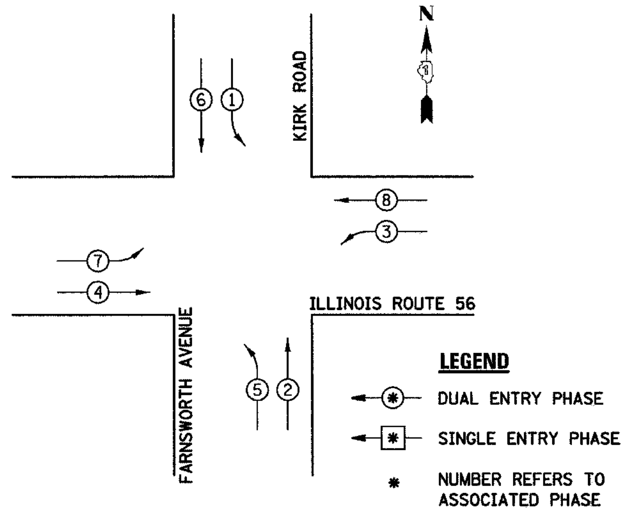
DRAWN BY BAH

CHECKED BY APS

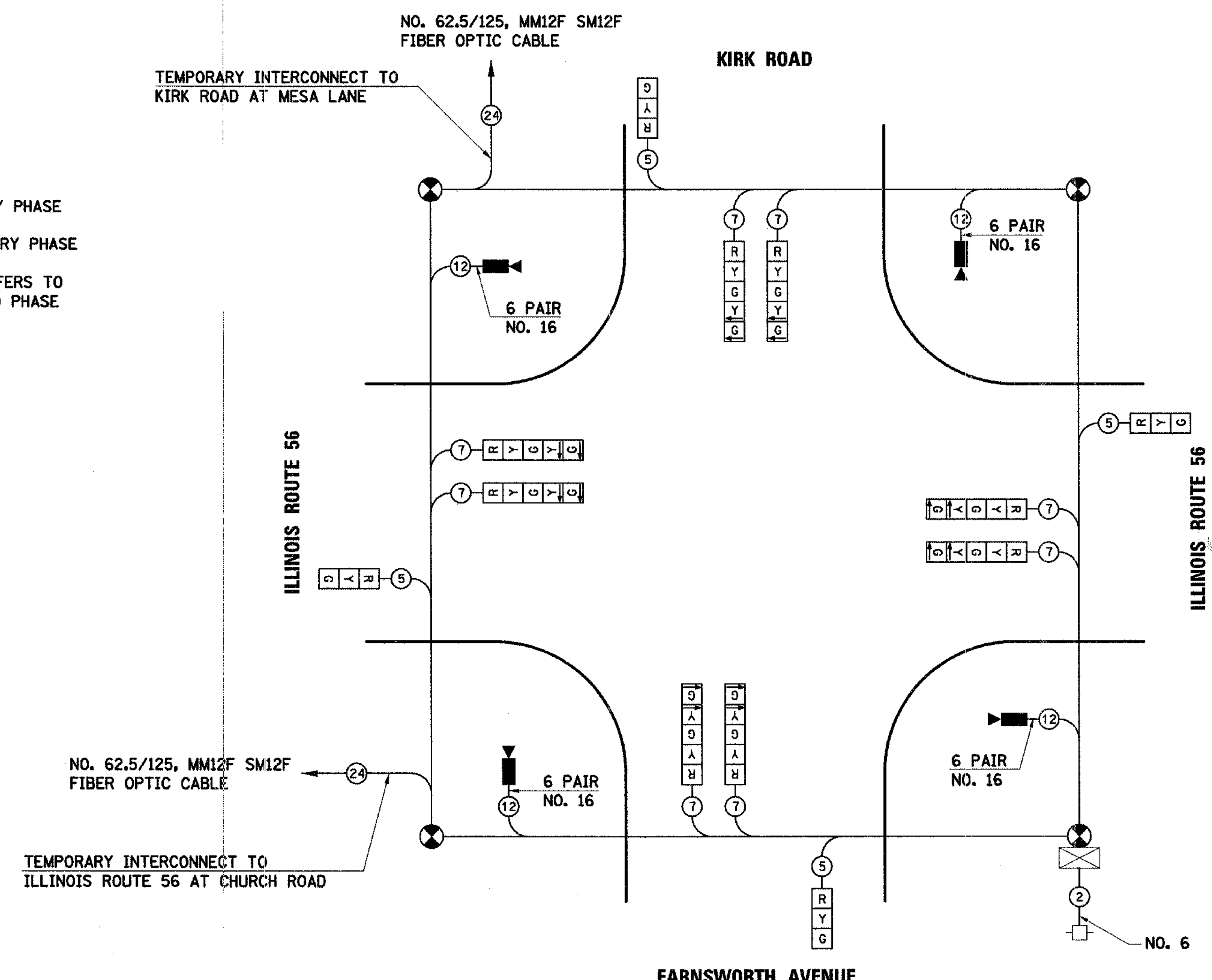
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	91
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM



TEMPORARY CABLE PLAN

MAINTENANCE OF TRAFFIC STAGE I AND STAGE IIA

TEMPORARY CABLE DIAGRAM LEGEND

- R — 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 NO. 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- 12" (300mm) PEDESTRIAN SIGNAL SECTION
- VIDEO DETECTION CAMERA

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS (MAINTENANCE OF TRAFFIC STAGE I AND STAGE IIA)					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	12		17	0.50	102
(YELLOW)	12		25	0.25	75
(GREEN)	12		15	0.25	45
ARROW	16		12	0.10	19.2
PED. SIGNAL				1.00	
CONTROLLER	1		100	1.00	100
ILLUM. SIGN				0.05	
FLASHER				0.50	
				TOTAL =	341.2

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: DAVE HUBERTY
PHONE: (847) 608-2342
COMPANY: COMMONWEALTH EDISON

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TEMPORARY TRAFFIC SIGNAL CABLE PLAN, PHASE DESIGNATION DIAGRAM STAGES I AND IIA

SCALE: VERT. N/A HORIZ. N.T.S.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN: NOTE BOOK NO. ___ SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.T. OF WAY CHECKED / CADD FILE NAME — BY — DATE

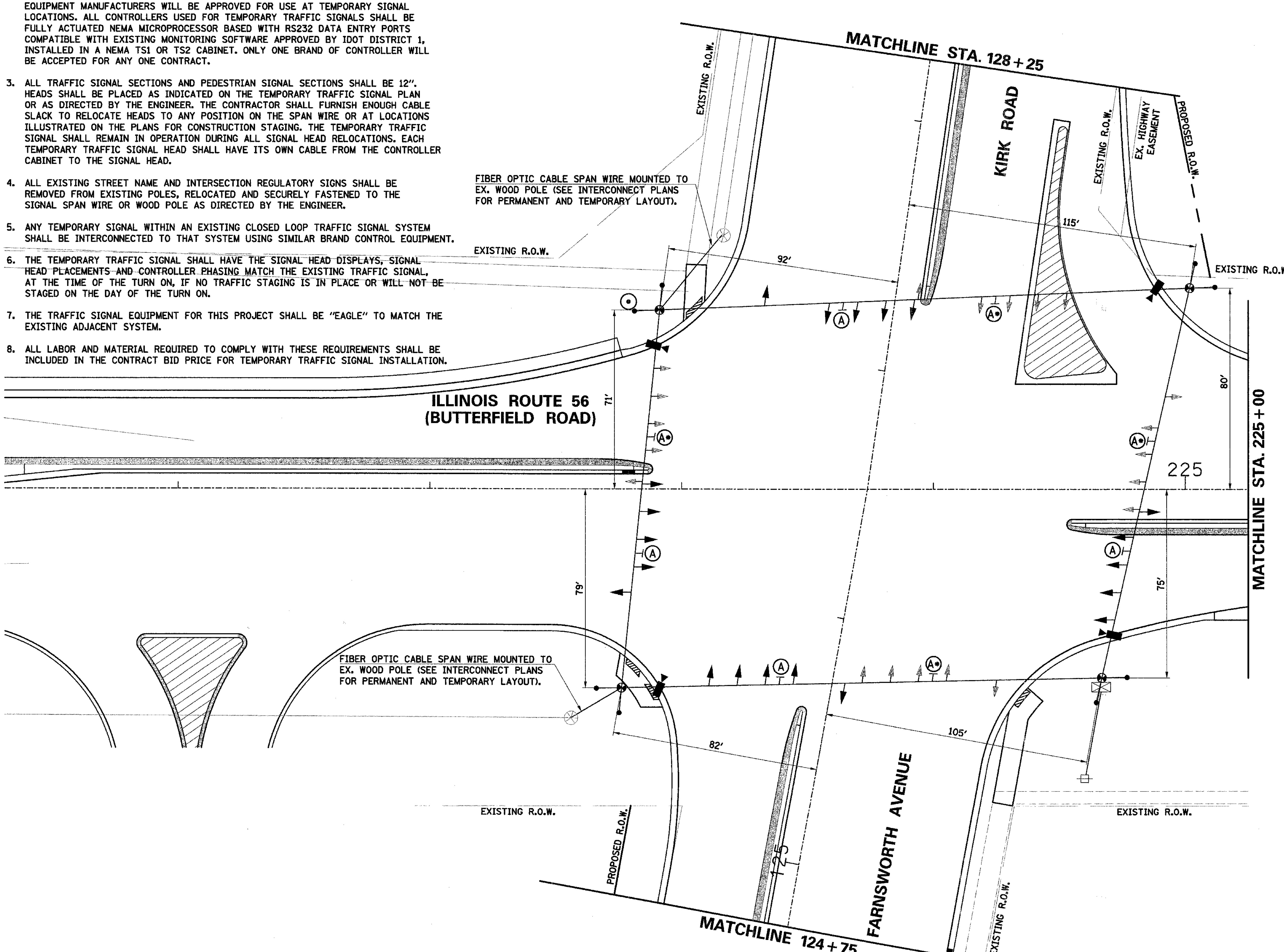
PROFILE: NOTE BOOK NO. ___ SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD — BY — DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	92
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

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, 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 TRAFFIC SIGNAL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.
8. ALL LABOR AND MATERIAL REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.



TEMPORARY TRAFFIC SIGNAL LEGEND

Symbol	Description
	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
	VIDEO DETECTION CAMERA
◎	PEDESTRIAN PUSHBUTTON DETECTOR
	EMERGENCY VEHICLE LIGHT DETECTOR
	CONFIRMATION BEACON
	VEHICLE DETECTOR, INDUCTION LOOP
UD	UNIT DUCT
-------	G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
	HANDHOLE
H	HEAVY DUTY HANDHOLE
CT	COMMON TRENCH

(A) • SECONDARY LOCATION

LEFT ON GREEN ARROW ONLY

R10-5-2430
4 REQUIRED

STAGE IIB - STAGE V TEMPORARY TRAFFIC SIGNAL NOTES

1. THE COST TO ESTABLISH THE TEMPORARY TRAFFIC SIGNAL INSTALLATION FOR STAGES IIB THROUGH V INCLUDING THE RELOCATION OF ALL SIGNAL HEADS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
2. SEE MAINTENANCE OF TRAFFIC PLANS FOR TEMPORARY SIGNAL HEAD PLACEMENT RELATIVE TO THE WORK ZONE PAVEMENT MARKING.

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGES IIB - V

SCALE: VERT. N/A HORIZ. 1"=20'
DATE - APR 06 2007
DRAWN BY BAH
CHECKED BY APS

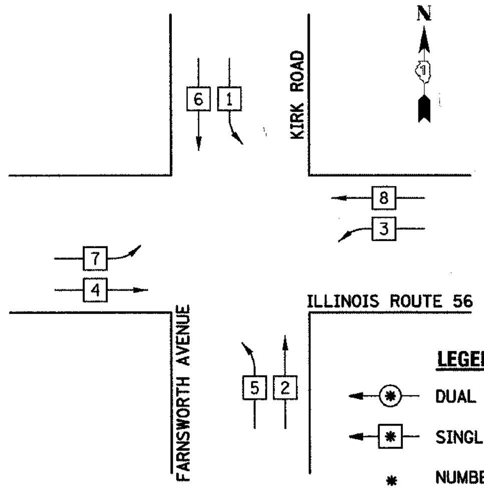
PLAN		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
	R.O.W. WAY CHECKED		
NO.	CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	B.M. NOTED		
NO.	STRUCTURE NOTATNS CHKD		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	93
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

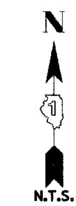
CONTROLLER SEQUENCE

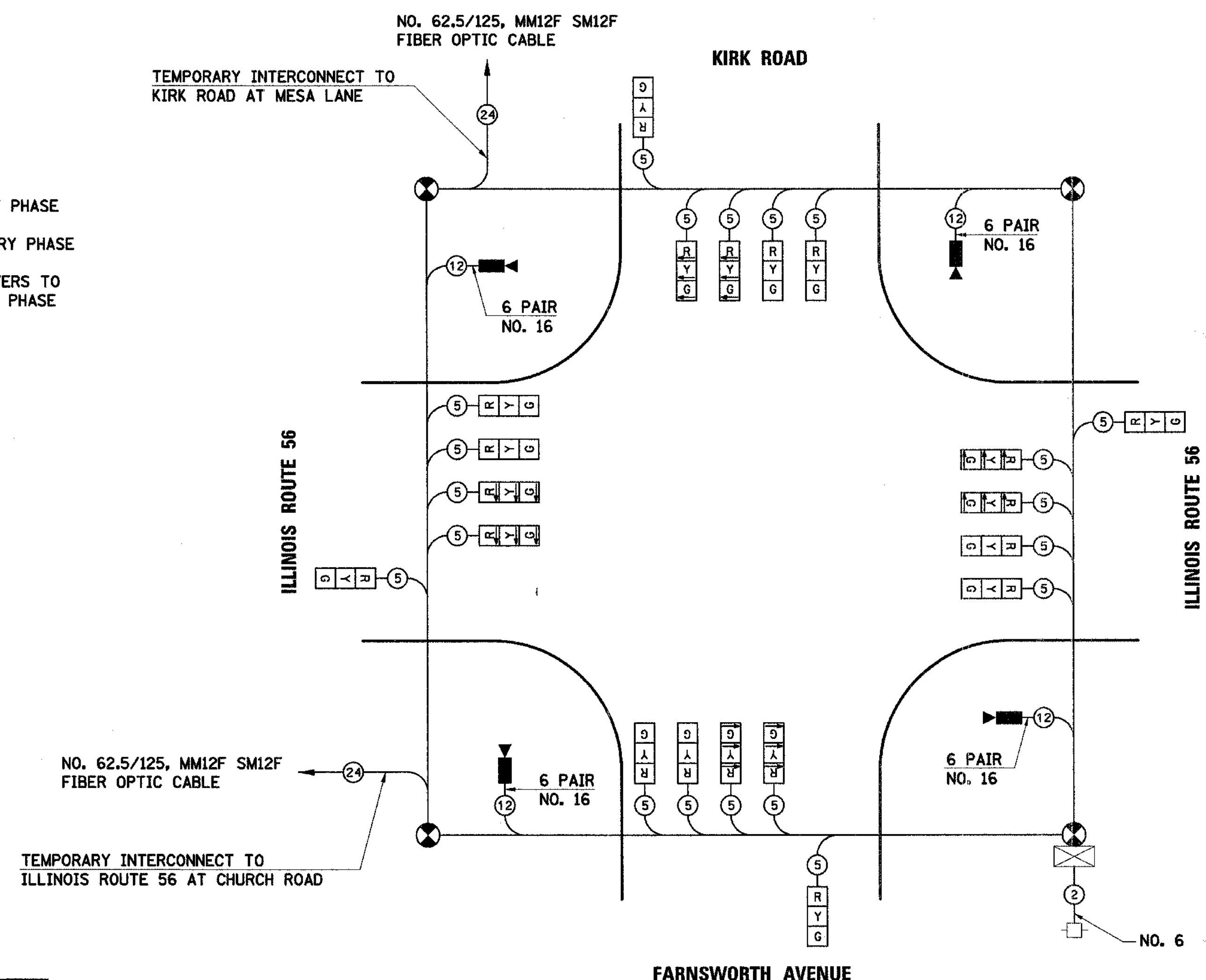


LEGEND

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

TEMPORARY PHASE DESIGNATION DIAGRAM





TEMPORARY CABLE PLAN

MAINTENANCE OF TRAFFIC STAGE IIB - STAGE V

TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NO. 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- 12" (300mm) PEDESTRIAN SIGNAL SECTION
- VIDEO DETECTION CAMERA

I.D.O.T TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS
(MAINTENANCE OF TRAFFIC STAGE IIB - STAGE V)

TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	20		17	0.50	170
(YELLOW)	20		25	0.25	125
(GREEN)	20		15	0.25	75
ARROW				0.10	
PED. SIGNAL				1.00	
CONTROLLER	1		100	1.00	100
ILLUM. SIGN				0.05	
FLASHER				0.50	
				TOTAL =	470

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: DAVE HUBERTY
PHONE: (847) 608-2342
COMPANY: COMMONWEALTH EDISON

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TEMPORARY TRAFFIC SIGNAL CABLE PLAN, PHASE DESIGNATION DIAGRAM STAGES IIB – V

SCALE: VERT. N/A HORIZ. N.T.S.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN — NOTE BOOK, NO., SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/T OF WAY CHECKED, CADD FILE NAME, BY, DATE

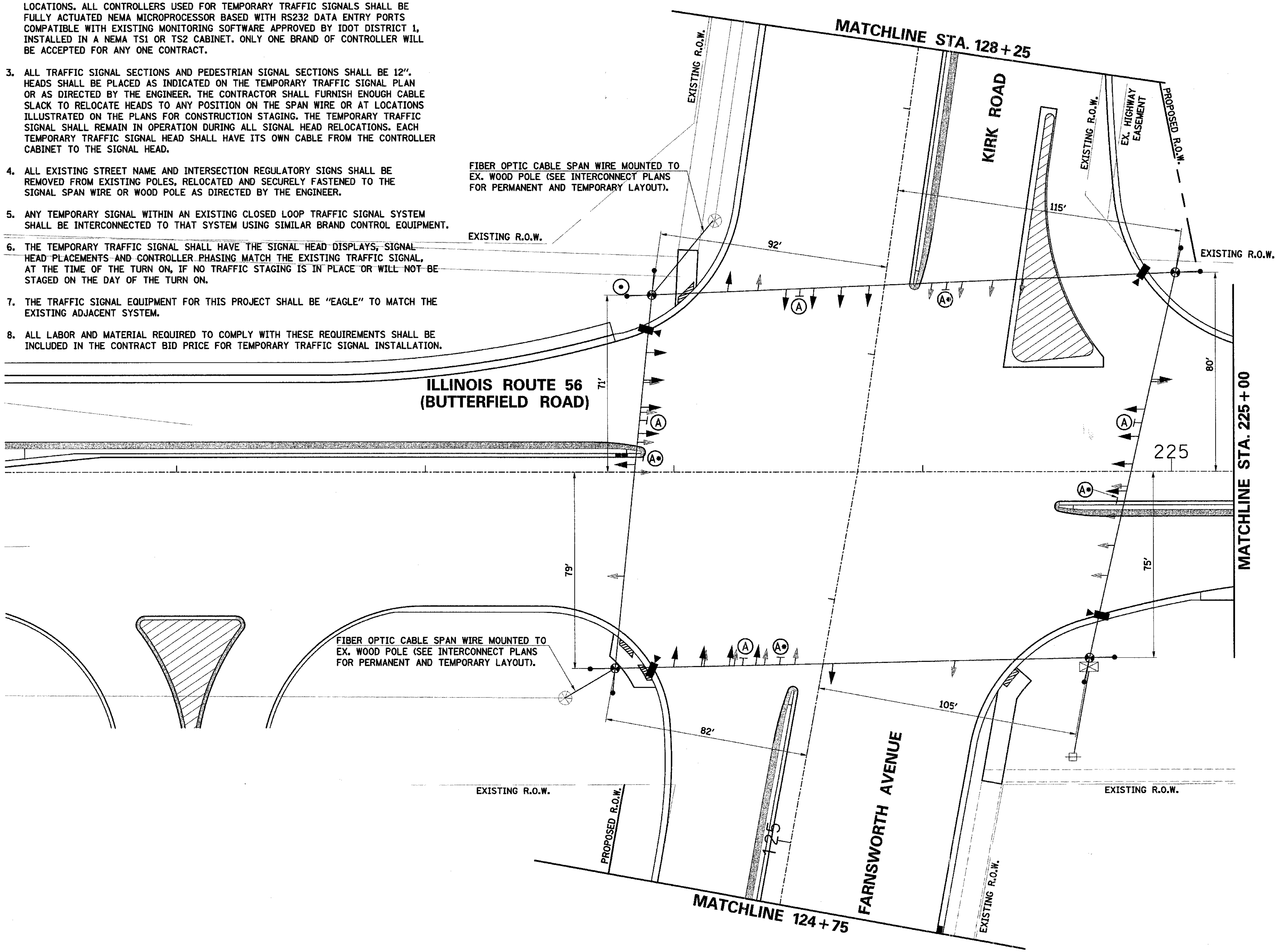
PROFILE — NOTE BOOK, NO., SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHECKED, BY, DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	94
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

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, 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 TRAFFIC SIGNAL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.
8. ALL LABOR AND MATERIAL REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.



GRAPHIC SCALE 20 0 20 40

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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
- VIDEO DETECTION CAMERA
- PEDESTRIAN PUSHBUTTON DETECTOR
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- UD UNIT DUCT
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- HANDHOLE
- HEAVY DUTY HANDHOLE
- CT COMMON TRENCH

(A) • SECONDARY LOCATION

LEFT ON GREEN ARROW ONLY

R10-5-2430
4 REQUIRED

STAGE VI - STAGE VIII TEMPORARY TRAFFIC SIGNAL NOTES

1. THE COST TO ESTABLISH THE TEMPORARY TRAFFIC SIGNAL INSTALLATION FOR STAGES VI THROUGH VIII INCLUDING THE RELOCATION OF ALL SIGNAL HEADS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
2. SEE MAINTENANCE OF TRAFFIC PLANS FOR TEMPORARY SIGNAL HEAD PLACEMENT RELATIVE TO THE WORK ZONE PAVEMENT MARKING.

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGES VIA - VIII

SCALE: VERT. N/A HORIZ. 1"=20'
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

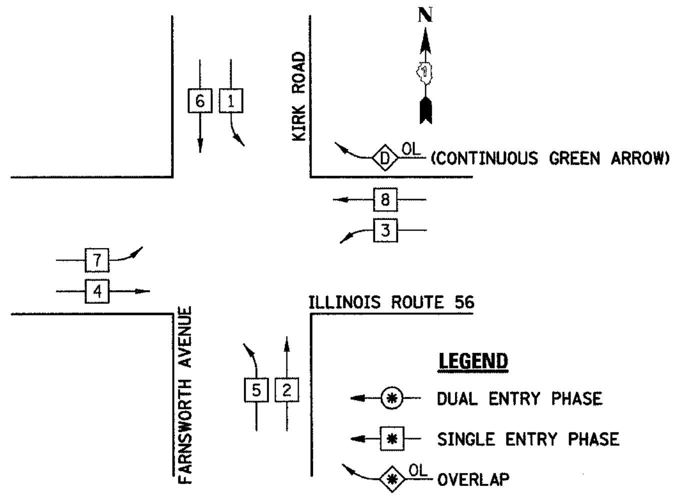
PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO. — BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO. — BY, DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	95
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

CONTROLLER SEQUENCE

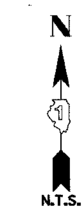


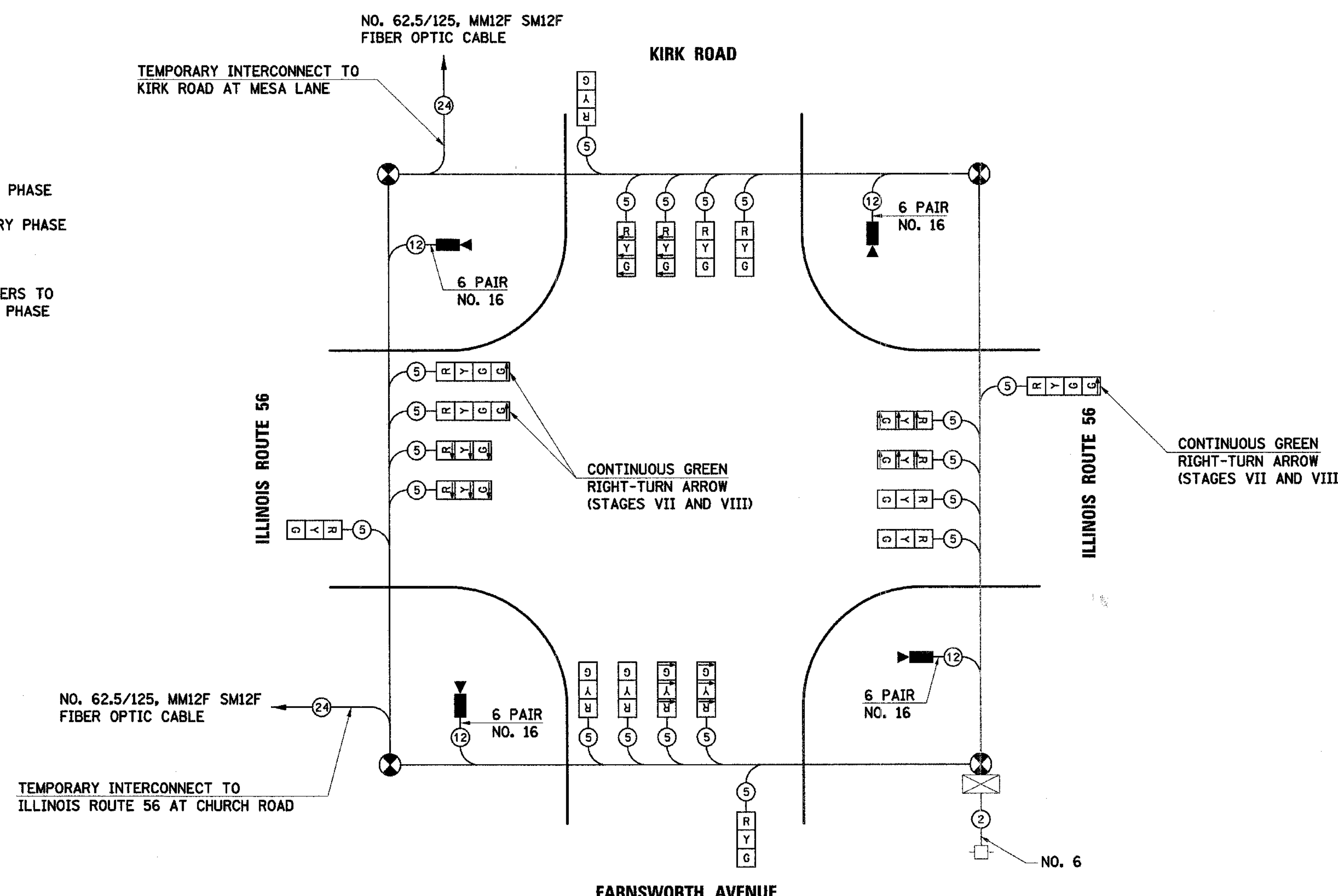
LEGEND

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

TEMPORARY PHASE DESIGNATION DIAGRAM

NOTE:
OVERLAP "D" OPERATES AS A CONTINUOUS GREEN RIGHT-TURN ARROW ON THE 4-SECTION SIGNAL HEADS FOR WESTBOUND ILLINOIS ROUTE 56.





TEMPORARY CABLE PLAN

MAINTENANCE OF TRAFFIC STAGE VI - STAGE VIII

TEMPORARY CABLE DIAGRAM LEGEND

- R — 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 NO. 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- 12" (300mm) PEDESTRIAN SIGNAL SECTION
- VIDEO DETECTION CAMERA

I.D.O.T TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS
(MAINTENANCE OF TRAFFIC STAGE VI - STAGE VIII)

TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	20		17	0.50	170
(YELLOW)	20		25	0.25	125
(GREEN)	20		15	0.25	75
ARROW (NORMAL)				0.10	
ARROW (WB RIGHT)	3		15	1.00	45
PED. SIGNAL				1.00	
CONTROLLER	1		100	1.00	100
ILLUM. SIGN				0.05	
FLASHER				0.50	
				TOTAL =	515

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: DAVE HUBERTY
PHONE: (847) 608-2342
COMPANY: COMMONWEALTH EDISON

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TEMPORARY TRAFFIC SIGNAL CABLE PLAN, PHASE DESIGNATION DIAGRAM STAGES VIA – VIII

SCALE: VERT. N/A HORIZ. N.T.S.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK / NO. / BY / DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	96
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

INTERCONNECT PLAN LEGEND

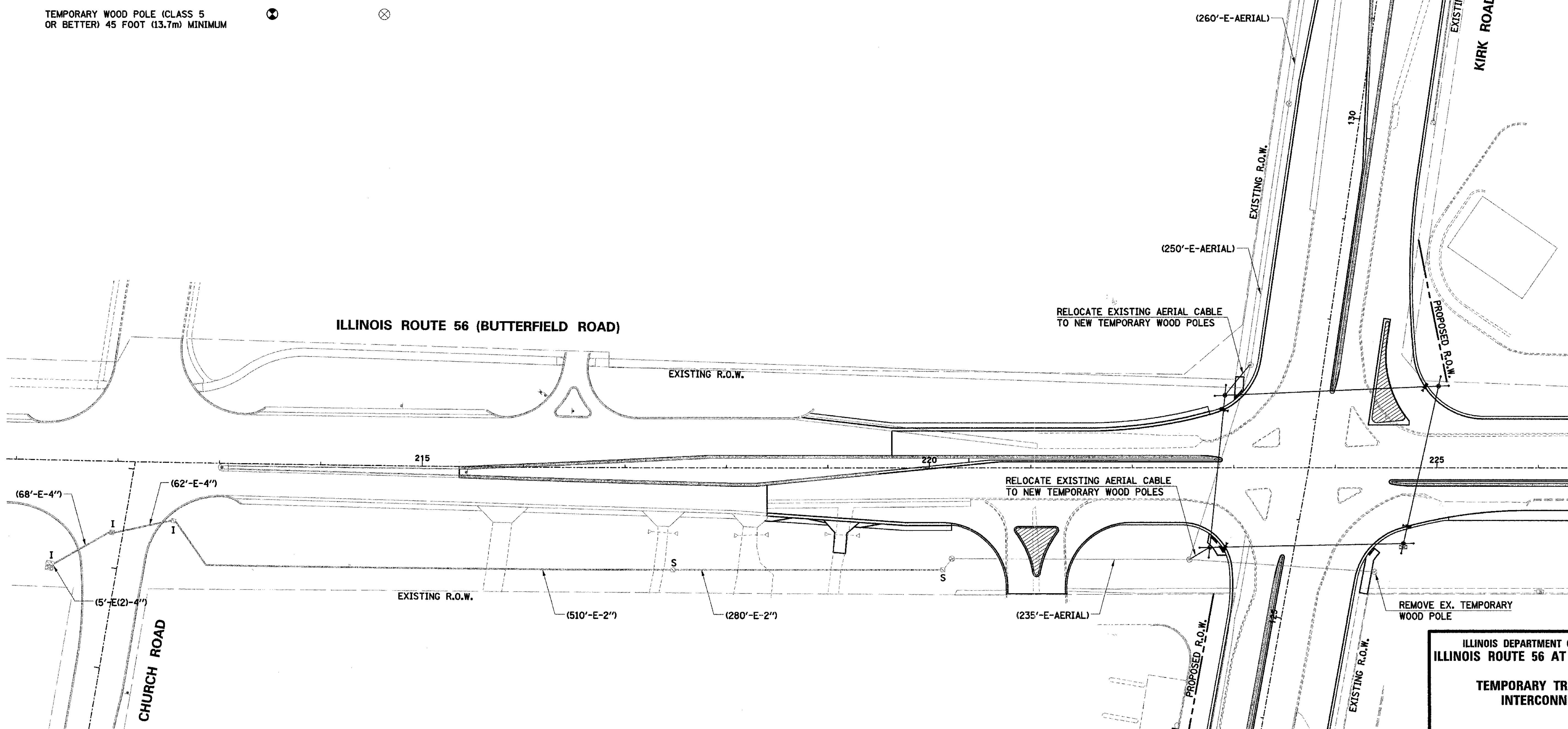
	PROPOSED	EXISTING
CONTROLLER		
HANDHOLE		
DOUBLE HANDHOLE		
HEAVY-DUTY HANDHOLE		
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)		
DETECTOR LOOP		
UNIT DUCT	UD	
SYSTEM	S	
INTERSECTION	IP	I
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM		

NOTES:

1. THE EXISTING TEMPORARY WOOD POLES AND AERIAL FIBER OPTIC CABLE ALONG ILLINOIS ROUTE 56 AND KIRK ROAD WERE INSTALLED BY OTHERS AS PART OF ADJACENT ROADWAY IMPROVEMENTS IN ORDER TO PROVIDE A TEMPORARY INTERCONNECT TO CHURCH ROAD AND MESA LANE. THE TEMPORARY INTERCONNECT TO CHURCH ROAD AND MESA LANE SHALL BE MAINTAINED. THE EXISTING AERIAL CABLE SPANNING THE WEST AND SOUTH LEGS OF THE ROUTE 56 AT KIRK ROAD INTERSECTION SHALL BE TRANSFERED TO THE NEW TEMPORARY WOOD POLES.
2. NEW FIBER OPTIC AND TRACER CABLES SHALL BE INSTALLED TO ILLINOIS ROUTE 56 AT CHURCH ROAD AND TO KIRK ROAD AT MESA LANE FOR THE PERMANENT INTERCONNECT. REUSE OF THE TEMPORARY INTERCONNECT CABLE IN THE PERMANENT INTERCONNECT WILL NOT BE PERMITTED.
3. ALL ITEMS REQUIRED FOR THE TEMPORARY INTERCONNECT SHALL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THIS INCLUDES THE RELOCATION OF THE EXISTING AERIAL FIBER OPTIC CABLE TO THE NEW TEMPORARY WOOD POLES AND THE REMOVAL OF THE EXISTING WOOD POLE IN THE SOUTHEAST CORNER. THE REMAINDER OF THE EXISTING TEMPORARY WOOD POLES FOR THE TEMPORARY INTERCONNECT AND THE TEMPORARY INTERCONNECT CABLE SHALL BE REMOVED AFTER INSTALLATION OF THE PERMANENT INTERCONNECT. THIS WORK SHALL ALSO BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNALS.
4. THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

MATCHLINE STA. 133+00

50 0 50 100
SCALE IN FEET



ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN

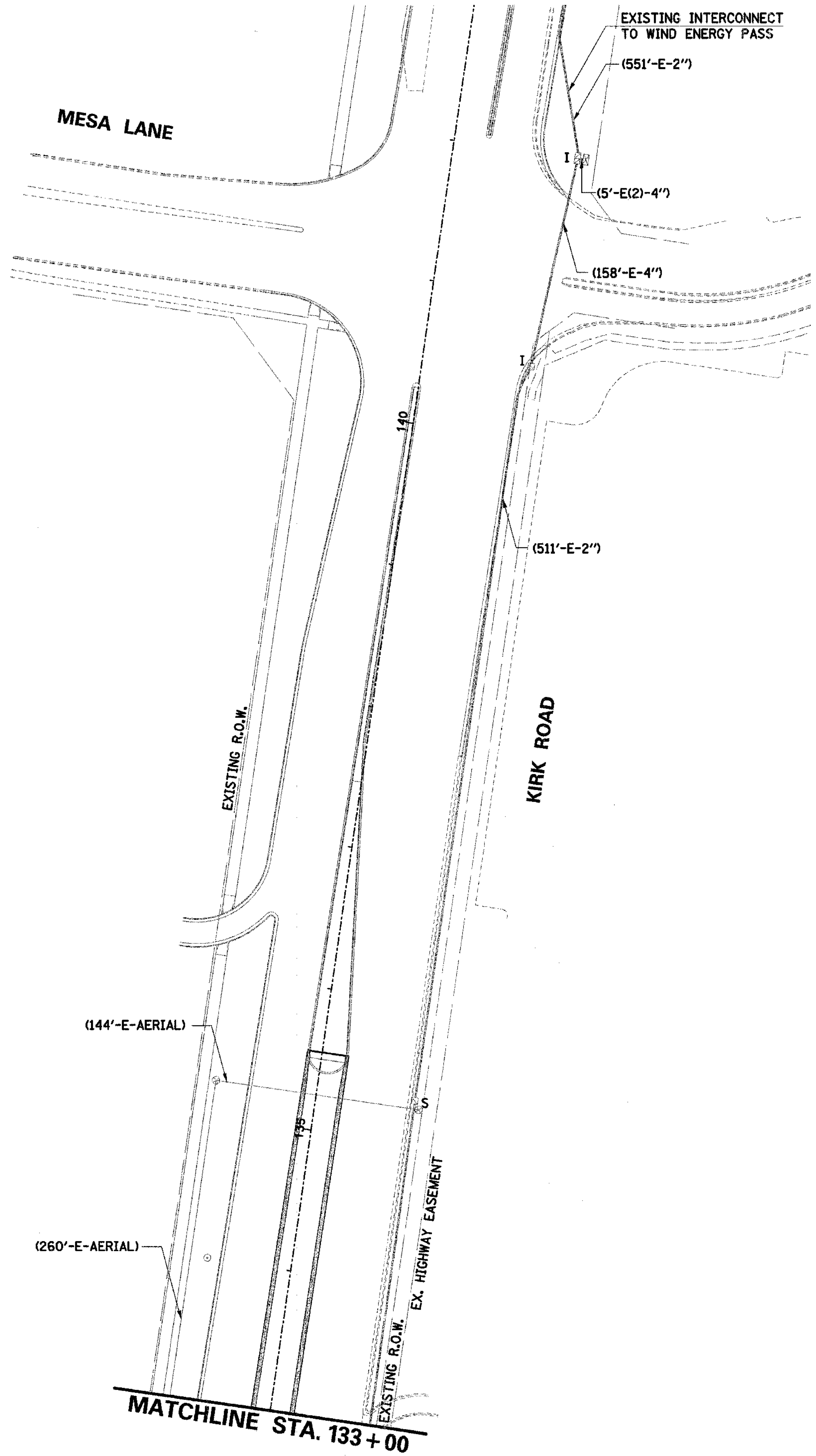
SCALE: VERT. N/A HORIZ. 1"=50'
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN — NOTE BOOK NO. — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.T. OF WAY CHECKED / CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHK'D — BY — DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	97
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



50 0 50 100
SCALE IN FEET

N

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	ALIGNMENT CHECKED		
	R.O.W. WAY CHECKED		
	CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		

4/7/2007

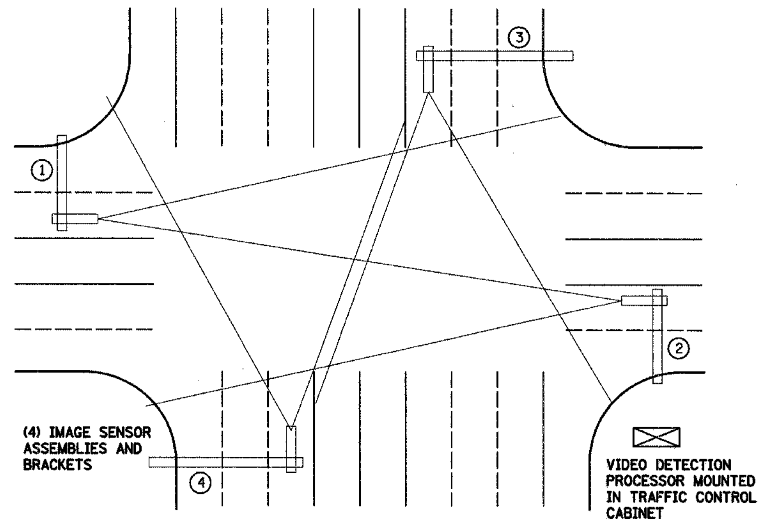
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN

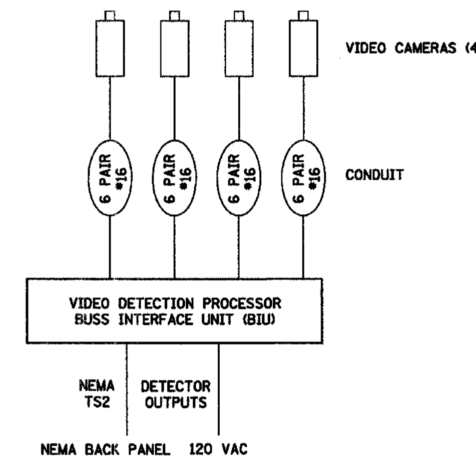
SCALE: VERT. N/A HORIZ. 1"=50'
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	98
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

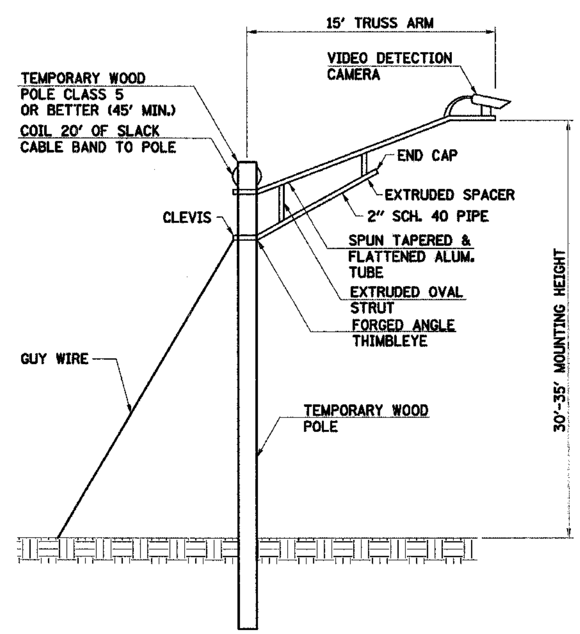
CONTRACT NO. 83906



TYPICAL VEHICLE DETECTION SYSTEM



VIDEO VEHICLE DETECTION SYSTEM COMPONENT LAYOUT



TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TEMPORARY TRAFFIC SIGNAL DETAILS

SCALE: VERT. HORIZ.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN: NOTE BOOK, NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.T. OF WAY CHECKED, CADD FILE NAME — BY — DATE

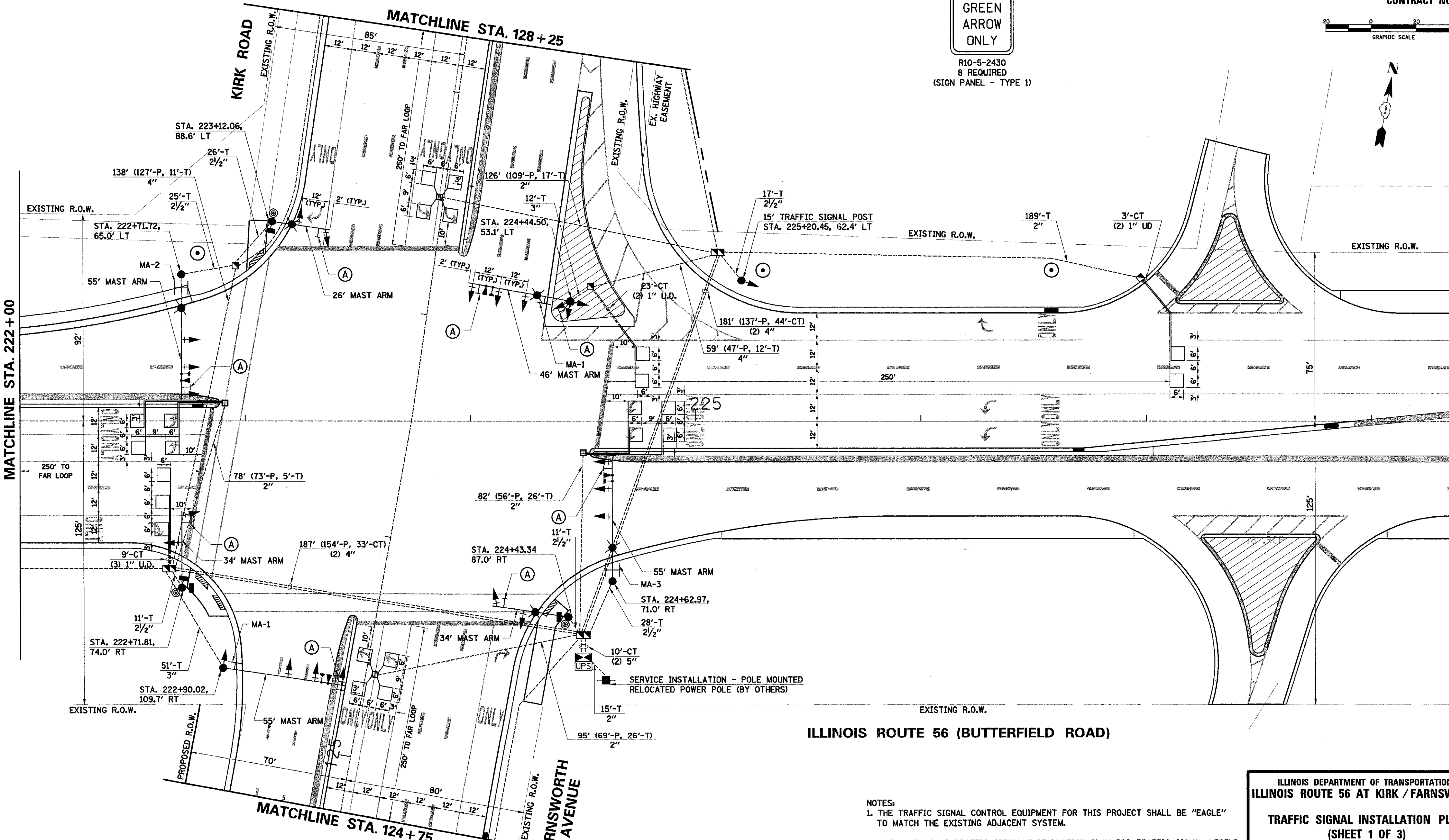
PROFILE: NOTE BOOK, NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD — BY — DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	99
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

Ⓐ LEFT ON GREEN ARROW ONLY

R10-5-2430
8 REQUIRED
(SIGN PANEL - TYPE 1)



NOTES:
1. THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.
2. SEE SHEET 2 OF TRAFFIC SIGNAL INSTALLATION PLAN FOR TRAFFIC SIGNAL LEGEND.
3. SEE MAST ARM MOUNTED STREET NAME SIGNS SHEET FOR THE DESIGN OF MA-1 "IL RTE 56/BUTTERFIELD RD", MA-2 "KIRK RD", AND MA-3 "FARNSWORTH AV".

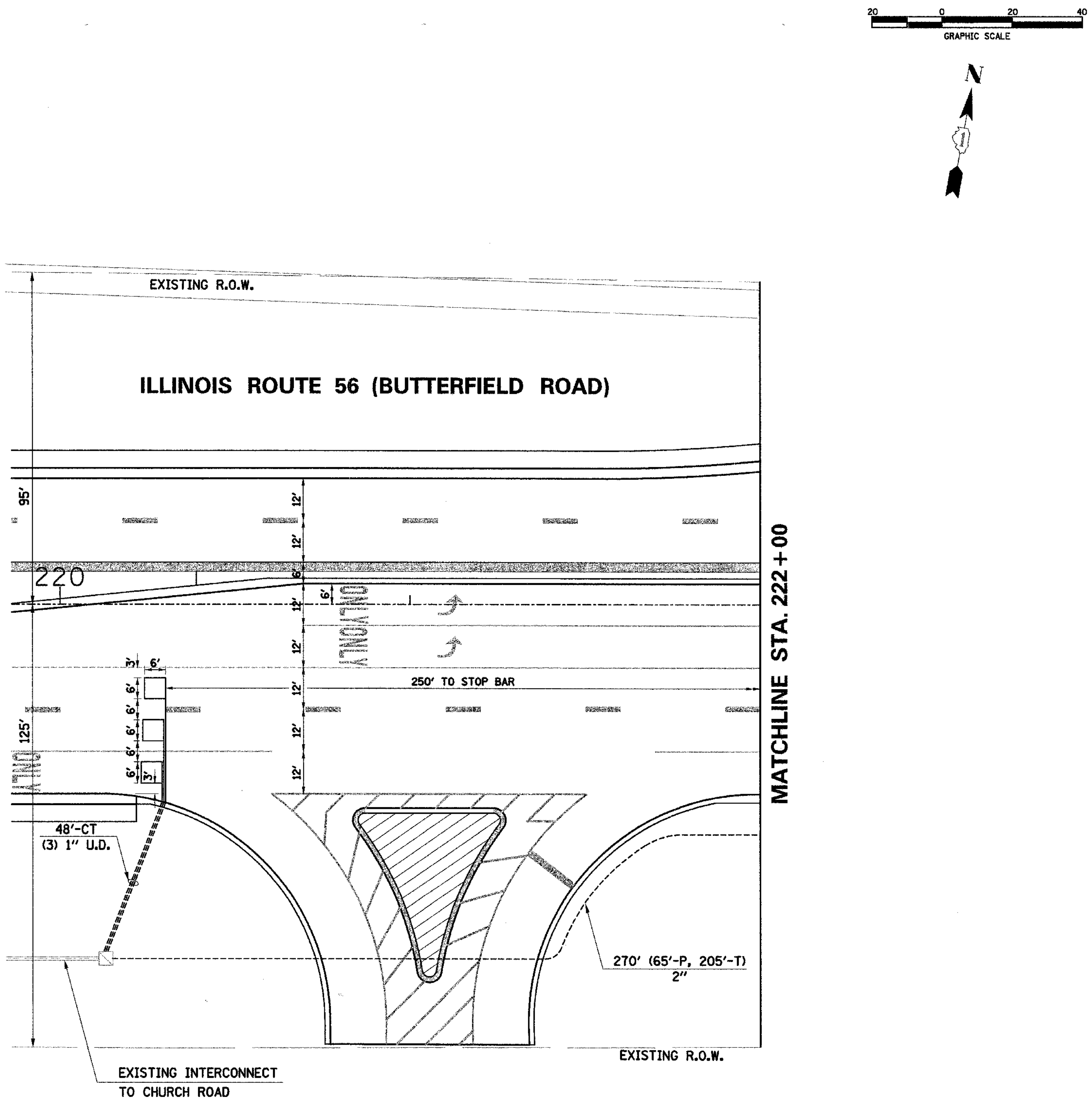
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TRAFFIC SIGNAL INSTALLATION PLAN (SHEET 1 OF 3)

SCALE: VERT. N/A HORIZ. 1"=20'
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	100
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
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		
UNIT DUCT	UD	
COMMON TRENCH	CT	
HANDHOLE		
HEAVY DUTY HANDHOLE	H	H
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)		
PEDESTRIAN PUSHBUTTON DETECTOR		
DETECTOR LOOP		
CAST IRON JUNCTION BOX		"E"
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED	"P"	"P"
CONDUIT SPLICE		
WOOD POLE		"E"
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RAILROAD CONTROL CABINET	R R	R R "E"
TELEPHONE CONNECTION	T	T
ILLUMINATED SIGN "NO LEFT TURN"		"E"
ILLUMINATED SIGN "NO RIGHT TURN"		"E"
UNINTERRUPTABLE POWER SUPPLY	UPS	

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TRAFFIC SIGNAL INSTALLATION PLAN (SHEET 2 OF 3)

SCALE: VERT. N/A HORIZ. 1"=20'
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/T. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK NO. — BY — DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATN'S CHK'D, NOTE BOOK NO. — BY — DATE

4/7/2007